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December 13, 2021

KLMLX 21003

Troy C. Leonard, AIA
Principal
Kelly Maiello Architects
1420 Walnut Street, 15th floor
Suite 415
Philadelphia, PA 19102

RE: CLEAN FILL INVESTIGATION
KINGSESSING RECREATION CENTER AND LIBRARY
4901 KINGSESSING AVENUE
PHILADELPHIA, PA 19143

Dear Troy:

On behalf of **Kelly Maiello Architects, Pennoni Associates Inc. ("Pennoni')** has performed a Clean Fill investigation for the **City of Philadelphia** at the referenced property ("site") in preparation for the upcoming renovations to the site. The Clean Fill investigation was conducted in accordance with the Pennsylvania Department of Environmental Protection's (PADEP's) *Management of Fill Policy* (Document #258-2182-773, dated January 16, 2021). The purpose of the investigation was to determine if regulated compounds are present in the subsurface soils at concentrations above the PADEP Clean Fill Concentration Limits (CFCLs) in accordance with the *Management of Fill Policy*.

SOIL INVESTIGATION

As described in the PADEP *Management of Fill Policy*, three four-point composite non-Volatile Organic Compound (VOC) soil samples and three discrete VOC soil samples are required to be collected and analyzed for volumes of soil of greater than 125 cubic yards and up to 3,000 cubic yards (CY) of material for which the Clean Fill determination is to be made. An additional four-point composite non-VOC soil sample and discrete VOC soil sample are required to be collected and analyzed for each additional 1,000 CY of material to be characterized. Based on our understanding of the proposed site improvements, which consist of the construction of an athletic field and a stormwater detention basin, we understand that approximately 9,000 CY of soils may require export to facilitate the proposed improvements. Accordingly, nine soil samples require collection and analysis. Note: each soil "sample" is composed of one grab/discrete sample and one four-point composite sample.

On October 28, 2021, two soil borings were advanced by CGC Geoservices using a hollow stem auger drill rig to a maximum depth of 5' below ground surface (bgs). One boring was advanced in each of two separate areas where the construction of a stormwater detention basin is being considered. In addition to the two soil borings, seven hand auger borings were advanced to 2' bgs in the area of the proposed athletic field. The detention basin soil boring locations are identified as SB-1 and SB-2 and the athletic field boring locations are identified as HA-1 through HA-7 on **Figure 1**, attached.

One composite sample and one discrete sample were collected from each hollow stem auger boring; the composite samples were collected from 0'-5' bgs while discrete samples were collected from 4.5'-5'bgs. Additionally, one composite and discrete sample were collected from each hand auger location; the composite samples were collected from 0'-2' bgs and the discrete samples were collected from 1.5'-2' bgs. The soil

samples were field screened for the presence of VOCs using a photoionization detector (PID) calibrated with 100 parts per million (ppm) of isobutylene.
Upon collection, soil samples were containerized in laboratory-provided bottleware and placed on ice. The soil samples were properly recorded on a chain-of-custody and transported via courier to Eurofins TestAmerica Edison ("Eurofins"), a PADEP-certified laboratory, for analyses. The collected soil samples were analyzed via United States Environmental Protection Agency (USEPA) approved methodologies for VOCs, semi-volatile organic compounds (SVOCs), metals, pesticides, herbicides, and polychlorinated biphenyls (PCBs). Upon completion of each soil boring, the material generated during advancement of the borings and not submitted to the laboratory for analyses were used to backfill the borings.

SOIL ANALYTICAL RESULTS/CONCLUSIONS

The soils at the site generally consisted of light and dark brown clay with a trace of mica. There was a layer of gravel and white stone in SB-2 at 4' bgs. Medium moisture was observed throughout. No odors, visual evidence, or elevated PID readings indicative of a release and/or contamination was observed.

The analytical results of the Clean Fill investigation were tabulated and compared to the CFCLs as defined in the *Management of Fill Policy*. No targeted contaminants were reported at concentrations above the PADEP CFCLs in any soil samples with the exception of vanadium, which was reported above the PADEP CFCL of 15 milligrams per kilogram (mg/kg) in each of the samples analyzed. Vanadium concentrations ranged from 34.5 mg/kg (HA-3) to 46.0 (SB-1).

The laboratory analytical results are summarized in **Table 1**. Eurofins' laboratory analytical report is provided as **Attachment A**.

Based on the breadth of analytical data and field observations, it is evident that the reported vanadium concentrations are attributable to naturally occurring conditions, not an environmental release or spill. During construction, the soil from this area will require disposal at a certified facility, or an equivalent site/background investigation would be required. The equivalent site/background investigation would require the collection and analysis of at least 10 soil samples from a potential importation site, and the results would need to statistically demonstrate comparable concentrations of vanadium.

Lastly, please note that the PADEP is currently re-evaluating the vanadium soil standards. The direct contact standard is proposed to be increased to 1,100 mg/kg in mid-2022 (https://files.dep.state.pa.us/EnvironmentalCleanupBrownfields/LandRecyclingProgram/LandRecyclingProgramPortalFiles/CSSAB/2021/October_4/ANNEX_A_VANADIUM_RULEMAKING.pdf). If/when this new standard is approved, the soils evaluated herein would be considered Clean Fill.

It was a pleasure working with you on this project. If you should have any questions regarding this submittal or require additional information, feel free to contact us.

Sincerely,

PENNONI ASSOCIATES INC.

Jack Reaves
Graduate Environmental Scientist

Marc Chartier, PG, LSRP
Environmental Division Manager

Attachments: Figure 1 – Soil Sampling Plan
Table 1 – Soil Analytical Results
Attachment A – Eurofins' Laboratory Analytical Report

cc: Marc Morfei, PLA, Pennoni

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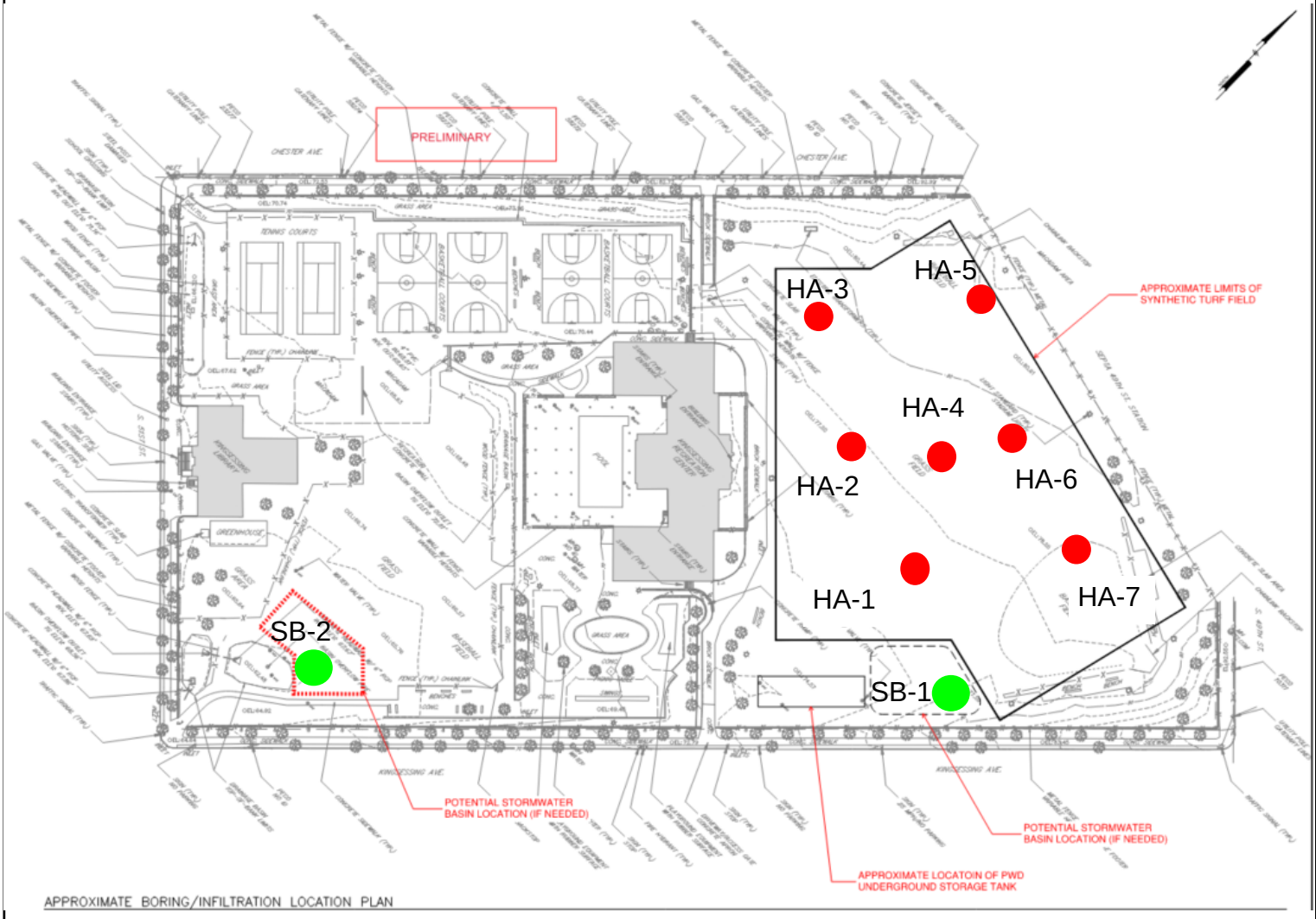

APPROXIMATE BORING/INFILTRATION LOCATION PLAN

- Hand Auger Sampling Location
- Hollow Stem Auger Boring Location

0' 70' 175'

Pennoni Associates Inc.
Engineers • Surveyors • Planners
Landscape Architects
1900 Market St. Philadelphia, PA 19103
T: 215-222-3000

DRAWN BY:	SCALE:	DATE:
JR	As noted	10/28/2021
CHECKED BY:	TAX MAP No.	
JOB No. KLMLX21003	SKETCH No. 1	

Soil Sampling Plan

Table 1: Soil Analytical Results
Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	**SB-1**			**SB-2**			**HA-1**			**HA-2**			**HA-3**			**HA-4**			**HA-5**			**HA-6**			**HA-7**		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
Sampling Date	Contact	Used Aquifers	10/28/2021 08:35:00			10/28/2021 09:55:00			10/28/2021 07:55:00			10/28/2021 08:10:00			10/28/2021 08:50:00			10/28/2021 09:05:00			10/28/2021 09:20:00			10/28/2021 09:40:00			10/28/2021 10:15:00		
Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	0-15'	TDS<2500'	1			1			1			1			1			1			1			1			1		
Unit	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8260D																													
1,1,1-Trichloroethane	10000	7.2	0.00031	U	0.00031	0.00031	U	0.00031	0.00033	U	0.00033	0.00033	U	0.00033	0.00031	U	0.00031	0.00024	U	0.00024	0.00030	U	0.00030	0.00027	U	0.00027	0.00026	U	0.00026
1,1,2,2-Tetrachloroethane	7.7	0.026	0.00029	U	0.00029	0.00028	U	0.00028	0.00030	U	0.00030	0.00031	U	0.00031	0.00028	U	0.00028	0.00022	U	0.00022	0.00027	U	0.00027	0.00025	U	0.00025	0.00024	U	0.00024
1,1,2-Trichloro-1,2,2-trifluoroethane	10000	10000	0.00040	U	0.00040	0.00040	U	0.00040	0.00043	U	0.00043	0.00043	U	0.00043	0.00040	U	0.00040	0.00031	U	0.00031	0.00038	U	0.00038	0.00035	U	0.00035	0.00033	U	0.00033
1,1,2-Trichloroethane	4	0.15	0.00024	U	0.00024	0.00024	U	0.00024	0.00025	U	0.00025	0.00026	U	0.00026	0.00024	U	0.00024	0.00019	U	0.00019	0.00023	U	0.00023	0.00021	U	0.00021	0.00020	U	0.00020
1,1-Dichloroethane	280	0.75	0.00027	U	0.00027	0.00027	U	0.00027	0.00029	U	0.00029	0.00030	U	0.00030	0.00027	U	0.00027	0.00021	U	0.00021	0.00026	U	0.00026	0.00024	U	0.00024	0.00023	U	0.00023
1,1-Dichloroethene	3800	0.19	0.00030	U	0.00030	0.00030	U	0.00030	0.00032	U	0.00032	0.00032	U	0.00032	0.00030	U	0.00030	0.00023	U	0.00023	0.00029	U	0.00029	0.00026	U	0.00026	0.00025	U	0.00025
1,2,3-Trichlorobenzene	NA	NA	0.00024	U	0.00024	0.00024	U	0.00024	0.00026	U	0.00026	0.00026	U	0.00026	0.00024	U	0.00024	0.00019	U	0.00019	0.00023	U	0.00023	0.00021	U	0.00021	0.00020	U	0.00020
1,2,4-Trichlorobenzene	640	27	0.00048	U	0.00048	0.00047	U	0.00047	0.00051	U	0.00051	0.00051	U	0.00051	0.00047	U	0.00047	0.00037	U	0.00037	0.00046	U	0.00046	0.00041	U	0.00041	0.00040	U	0.00040
1,2-Dibromo-3-Chloropropane	0.029	0.0092	0.00061	U	0.00061	0.00061	U	0.00061	0.00065	U	0.00065	0.00066	U	0.00066	0.00061	U	0.00061	0.00048	U	0.00048	0.00058	U	0.00058	0.00053	U	0.00053	0.00051	U	0.00051
1,2-Dichlorobenzene	3800	59	0.00048	U	0.00048	0.00048	U	0.00048	0.00051	U	0.00051	0.00052	U	0.00052	0.00048	U	0.00048	0.00038	U	0.00038	0.00046	U	0.00046	0.00042	U	0.00042	0.00040	U	0.00040
1,2-Dichloroethane	17	0.1	0.00039	U	0.00039	0.00039	U	0.00039	0.00042	U	0.00042	0.00042	U	0.00042	0.00039	U	0.00039	0.00031	U	0.00031	0.00038	U	0.00038	0.00034	U	0.00034	0.00033	U	0.00033
1,2-Dichloropropane	45	0.11	0.00056	U	0.00056	0.00056	U	0.00056	0.00060	U	0.00060	0.00061	U	0.00061	0.00056	U	0.00056	0.00044	U	0.00044	0.00054	U	0.00054	0.00049	U	0.00049	0.00047	U	0.00047
1,3-Dichlorobenzene	10000	61	0.00049	U	0.00049	0.00048	U	0.00048	0.00052	U	0.00052	0.00052	U	0.00052	0.00048	U	0.00048	0.00038	U	0.00038	0.00046	U	0.00046	0.00042	U	0.00042	0.00040	U	0.00040
1,4-Dichlorobenzene	40	10	0.00030	U	0.00030	0.00030	U	0.00030	0.00032	U	0.00032	0.00032	U	0.00032	0.00030	U	0.00030	0.00023	U	0.00023	0.00029	U	0.00029	0.00026	U	0.00026	0.00025	U	0.00025
1,4-Dioxane	58	0.084	0.012	U	0.012	0.012	U	0.012	0.013	U	0.013	0.013	U	0.013	0.012	U	0.012	0.0096	U	0.0096	0.012	U	0.012	0.011	U	0.011	0.010	U	0.010
2-Butanone (MEK)	10000	76	0.00049	U	0.00049	0.0049	J	0.00049	0.00052	U	*- 0.00052	0.00053	U	*- 0.00053	0.00049	U	*- 0.00049	0.00038	U	*- 0.00038	0.00047	U	*- 0.00047	0.00042	U	*- 0.00042	0.00041	U	0.00041
2-Hexanone	570	1.6	0.0023	U	0.0023	0.0023	U	0.0023	0.0024	U	0.0024	0.0025	U	0.0025	0.0023	U	0.0023	0.0018	U	0.0018	0.0022	U	0.0022	0.0020	U	0.0020	0.0019	U	0.0019
4-Methyl-2-pentanone (MIBK)	10000	51	0.0021	U	0.0021	0.0021	U	0.0021	0.0022	U	*- 0.0022	0.0022	U	*- 0.0022	0.0021	U	*- 0.0021	0.0016	U	*- 0.0016	0.0020	U	*- 0.0020	0.0018	U	*- 0.0018	0.0017	U	0.0017
Acetone	10000	430	0.0076	U	0.0076	0.20		0.0076	0.0081	U	0.0081	0.25		0.0082	0.0076	U	0.0076	0.0060	U	0.0060	0.0073	U	0.0073	0.0066	U	0.0066	0.0063	U	0.0063
Benzene	57	0.13	0.00034	U	0.00034	0.00034	U	0.00034	0.00036	U	0.00036	0.00037	U	0.00037	0.00034	U	0.00034	0.00027	U	0.00027	0.00033	U	0.00033	0.00030	U	0.00030	0.00029	U	0.00029
Bromoform	410	3.5	0.00057	U	0.00057	0.00056	U	0.00056	0.00060	U	0.00060	0.00061	U	0.00061	0.00056	U	0.00056	0.00044	U	0.00044	0.00054	U	0.00054	0.00049	U	0.00049	0.00047	U	0.00047
Bromomethane	96	0.54	0.0013	U	0.0013	0.0013	U	0.0013	0.0014	U	0.0014	0.0014	U	0.0014	0.0013	U	0.0013	0.0010	U	0.0010	0.0013	U	0.0013	0.0012	U	0.0012	0.0011	U	0.0011
Carbon disulfide	10000	130	0.00035	U	0.00035	0.00035	U	0.00035	0.00038	U	0.00038	0.00038	U	0.00038	0.00035	U	0.00035	0.00028	U	0.00028	0.00034	U	0.00034	0.00031	U	0.00031	0.00029	U	0.00029
Carbon tetrachloride	74	0.26	0.00052	U	0.00052	0.00051	U	0.00051	0.00055	U	0.00055	0.00055	U	0.00055	0.00051	U	0.00051	0.00040	U	0.00040	0.00049	U	0.00049	0.00045	U	0.00045	0.00043	U	0.00043
Chlorobenzene	960	6.1	0.00024	U	0.00024	0.00023	U	0.00023	0.00025	U	*- 0.00025	0.00025	U	*- 0.00025	0.00023	U	*- 0.00023	0.00018	U	*- 0.00018	0.00023	U	*- 0.00023	0.00020	U	*- 0.00020	0.00020	U	0.00020
Chlorobromomethane	770	1.6	0.00037	U	0.00037	0.00037	U	0.00037	0.00040	U	0.00040	0.00040	U	0.00040	0.00037	U	0.00037	0.00029	U	0.00029	0.00036	U	0.00036	0.00032	U	0.00032	0.00031	U	0.00031
Chlorodibromomethane	17	2.5	0.00026	U	0.00026	0.00026	U	0.00026	0.00027	U	0.00027	0.00028	U	0.00028	0.00026	U	0.00026	0.00020	U	0.00020	0.00025	U	0.00025	0.00022	U	0.00022	0.00021	U	0.00021
Chloroethane	6400	5.4	0.00070	U	0.00070	0.00069	U	0.00069	0.00074	U	0.00074	0.00075	U	0.00075	0.00069	U	0.00069	0.00054	U	0.00054	0.00066	U	0.00066	0.00060	U	0.00060	0.00058	U	0.00058
Chloroform	19	2	0.0013	U	0.0013	0.0013	U	0.0013	0.0014	U	0.0014	0.0014	U	0.0014	0.0013	U	0.0013	0.0010	U	0.0010	0.0012	U	0.0012	0.0011	U	0.0011	0.0011	U	0.0011
Chloromethane	250	0.38	0.00058	U	0.00058	0.00058	U	0.00058	0.00061	U	0.00061	0.00062	U	0.00062	0.00058	U	0.00058	0.00045	U	0.00045	0.00055	U	0.00055	0.00050	U	0.00050	0.00048	U	0.00048
cis-1,2-Dichloroethene	440	1.6	0.00048	U	0.00048	0.00047	U	0.00047	0.00051	U	0.00051	0.00051	U	0.00051	0.00047	U	0.00047	0.00037	U	0.00037	0.00046	U	0.00046	0.00041	U	0.00041	0.00040	U	0.00040
cis-1,3-Dichloropropene	NA	NA	0.00036	U	0.00036	0.00036	U	0.00036	0.00039	U	0.00039	0.00039	U	0.00039	0.00036	U	0.00036	0.00028	U	0.00028	0.00035	U	0.00035	0.00031	U	0.00031	0.00030	U	0.00030
Cyclohexane	10000	1700	0.00029	U	0.00029	0.00029	U	0.00029	0.00031	U	0.00031	0.00032	U	0.00032	0.00029	U	0.00029	0.00023	U	0.00023	0.00028	U	0.00028	0.00025	U	0.00025	0.00024	U	0.00024
Dichlorobromomethane	12	2.7	0.00034	U	0.00034	0.00034	U	0.00034	0.00036	U	0.00036	0.00037	U	0.00037	0.00034	U	0.00034	0.00027	U	0.00027	0.00033	U	0.00033	0.00030	U	0.00030	0.00028	U	0.00028
Dichlorodifluoromethane	1900	100	0.00045	U	0.00045	0.00045	U	0.00045	0.00048	U	0.00048	0.00048	U	0.00048	0.00045	U	0.00045	0.00035	U	0.00035	0.00043	U	0.00043	0.00039	U	0.00039	0.00037	U	0.00037
Ethylbenzene	180	46	0.00027	U	0.00027	0.00026	U	0.00026	0.00028	U	0.00028	0.00029	U	0.00029	0.00026	U	0.00026	0.00021	U	0.00021	0.00025	U	0.00025	0.00023	U	0.00023	0.00022	U	0.00022
Ethylene Dibromide	0.74	0.0012	0.00024	U	0.00024	0.00024	U	0.00024	0.00025	U	0.00025	0.00026	U	0.00026	0.00024	U	0.00024	0.00019	U	0.00019	0.00023	U	0.00023	0.00021	U	0.00021	0.00020	U	0.00020
Isopropylbenzene	7700	600	0.00038	U	0.00038	0.00038	U	0.00038	0.00040	U	0.00040	0.00041	U	0.00041	0.00038	U	0.00038	0.00030	U	0.00030	0.00036	U	0.00036	0.00033	U	0.00033	0.00032	U	0.00032
Methyl acetate	10000	780	0.0057	U	0.0057	0.0057	U	0.0057	0.0061	U	0.0061	0.0062	U	0.0062	0.0057	U	0.0057	0.0045	U	0.0045	0.0055	U	0.0055	0.0050	U	0.0050	0.0048	U	0.0048
Methyl tert-butyl ether	1700	0.28	0.00068	U	0.00068	0.00068	U	0.00068	0.00072	U	0.00072	0.00073	U	0.00073	0.00068	U	0.00068	0.00053	U	0.00053	0.00065	U	0.00065	0.00059	U	0.00059	0.00057	U	0.00057
Methylcyclohexane	NA	NA	0.00067	U	0.00067	0.00066	U	0.00066	0.00071	U	0.00071	0.00072	U	0.00072	0.00066	U	0.00066	0.00052	U	0.00052	0.00063	U	0.00063	0.00058	U	0.00058	0.00055	U	0.00055
Methylene Chloride	1300	0.076	0.0015	U	0.0015	0.0015	U	0.0015	0.0016	U	0.0016	0.0016	U	0.0016	0.0015	U	0.0015	0.0012	U	0.0012	0.0015	U	0.0015	0.0013	U	0.0013	0.0013	U	0.0013
Styrene	10000	24	0.00037	U	0.00037	0.00037	U	0.00037	0.00039	U	0.00039	0.00040	U	0.00040	0.00037	U	0.00037	0.00029	U	0.00029	0.00035	U	0.00035	0.00032	U	0.00032	0.00031	U	0.00031
Tetrachloroethene	770	0.43	0.00041	U	0.00041	0.00040	U	0.00040	0.00043	U	0.00043	0.00044	U	0.00044	0.00040	U	0.00040	0.00032	U	0.00032	0.00039	U	0.00039	0.00035	U	0.00035	0.00034	U	0.00034
Toluene	10000	44	0.00031	U	0.00031	0.00031	U	0.00031	0.00033	U	0.00033	0.00034	U	0.00034	0.00031	U	0.00031	0.00024	U	0.00024	0.00030	U	0.00030	0.00027	U	0.00027	0.00026	U	0.00026
trans-1,2-Dichloroethene	1100	2.3	0.00033	U	0.00033	0.00033	U	0.00033	0.00035	U	0.00035	0.00035	U	0.00035	0.00033	U	0.00033	0.00026	U	0.00026	0.00031	U	0.00031	0.00028	U	0.00028	0.00027	U	0.00027
trans-1,3-Dichloropropene	NA	NA	0.00035	U	0.00035	0.00035	U	0.00035	0.00038	U	0.00038	0.00038	U	0.00038	0.00035	U	0.00035	0.00028	U	0.00028	0.00034	U	0.00034	0.00031	U	0.00031	0.00029	U	0.00029
Trichloroethene	38	0.17	0.00043	U	0.00043	0.00042	U	0.00042	0.00045	U	0.00045	0.00046	U	0.00046	0.00043	U	0.00043	0.00033	U	0.00033	0.00041	U	0.00041	0.00037	U	0.00037	0.00036	U	0.00036
Trichlorofluoromethane	10000	87	0.00054	U	0.00054	0.00054	U	0.00054	0.00057	U	0.00057	0.00058	U	0.00058	0.00054	U	0.00054	0.00042	U	0.00042	0.00052	U	0.00052	0.00047	U	0.00047	0.00045	U	0.00045
Vinyl chloride	0.9	0.027	0.00073	U	0.00073	0.00072	U	0.00072	0.00077	U	0.00077	0.00078	U	0.00078	0.00072	U	0.00072	0.00057	U	0.00057	0.00069	U	0.00069	0.00063	U	0.00063	0.00060	U	0.00060
Xylenes, Total	1900	990	0.00086	U	0.00086	0.00085	U	0.00085	0.00091	U	0.00091	0.00092	U	0.00092	0.00085	U	0.00085	0.00067	U	0.00067	0.00082	U	0.00082	0.00074	U	0.00074	0.00071	U	0.00071
Total Conc	NA	NA	0.0			0.2049			0.0			0.25			0.0			0.0			0.0			0.0			0.0		
Total Estimated Conc. (TICs)	NA	NA	0.0*T			0.0*T			0.0*T			0.0*T			0.0*T			0.0*T			0.0*T			0.0*T			0.0*T		

*T There are no TICs reported for the sample

*- : LCS and/or LCSD is outside acceptance limits, low biased.

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

The CFCL is the more stringent of the two reported MSCs

Table 1: Soil Analytical Results
Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	SB-1			SB-2			HA-1			HA-2			HA-3			HA-4			HA-5			HA-6			HA-7		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
Sampling Date	Contact	Used Aquifers	10/28/2021 08:35:00			10/28/2021 09:55:00			10/28/2021 07:55:00			10/28/2021 08:10:00			10/28/2021 08:50:00			10/28/2021 09:05:00			10/28/2021 09:20:00			10/28/2021 09:40:00			10/28/2021 10:15:00		
Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	0-15'	TDS<2500'	1			1			1			1			1			1			1			1			1		
Unit	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8270E																													
1,2,4-Trichlorobenzene	640	27	0.010	U	0.010	0.0096	U	0.0096	0.011	U	0.011	0.011	U	0.011	0.011	U	0.011	0.011	U	0.011	0.011	U	0.011	0.010	U	0.010	0.010	U	0.010
1,2-Dichlorobenzene	3800	59	0.0067	U	0.0067	0.0064	U	0.0064	0.0071	U	0.0071	0.0071	U	0.0071	0.0073	U	0.0073	0.0071	U	0.0071	0.0076	U	0.0076	0.0069	U	0.0069	0.0066	U	0.0066
1,3-Dichlorobenzene	10000	61	0.0052	U	0.0052	0.0050	U	0.0050	0.0055	U	0.0055	0.0055	U	0.0055	0.0057	U	0.0057	0.0055	U	0.0055	0.0059	U	0.0059	0.0054	U	0.0054	0.0051	U	0.0051
1,4-Dichlorobenzene	40	10	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	0.016	U	0.016	0.016	U	0.016	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.015	U	0.015
2,2'-oxybis[1-chloropropane]	44	8	0.0071	U	0.0071	0.0068	U	0.0068	0.0075	U	0.0075	0.0075	U	0.0075	0.0078	U	0.0078	0.0076	U	0.0076	0.0081	U	0.0081	0.0073	U	0.0073	0.0070	U	0.0070
2,4,5-Trichlorophenol	22000	2600	0.040	U	0.040	0.038	U	0.038	0.042	U	0.042	0.042	U	0.042	0.044	U	0.044	0.043	U	0.043	0.045	U	0.045	0.041	U	0.041	0.039	U	0.039
2,4,6-Trichlorophenol	220	12	0.050	U	0.050	0.048	U	0.048	0.053	U	0.053	0.053	U	0.053	0.055	U	0.055	0.054	U	0.054	0.057	U	0.057	0.052	U	0.052	0.050	U	0.050
2,4-Dichlorophenol	660	1	0.025	U	0.025	0.024	U	0.024	0.027	U	0.027	0.027	U	0.027	0.028	U	0.028	0.027	U	0.027	0.029	U	0.029	0.026	U	0.026	0.025	U	0.025
2,4-Dimethylphenol	4400	36	0.017	U	0.017	0.016	U	0.016	0.018	U	0.018	0.018	U	0.018	0.019	U	0.019	0.018	U	0.018	0.020	U	0.020	0.018	U	0.018	0.017	U	0.017
2,4-Dinitrophenol	440	0.94	0.19	U	0.19	0.18	U	0.18	0.20	U	0.20	0.20	U	0.20	0.21	U	0.21	0.21	U	0.21	0.22	U	0.22	0.20	U	0.20	0.19	U	0.19
2,4-Dinitrotoluene	60	0.057	0.042	U	0.042	0.040	U	0.040	0.045	U	0.045	0.045	U	0.045	0.046	U	0.046	0.045	U	0.045	0.048	U	0.048	0.044	U	0.044	0.042	U	0.042
2,6-Dinitrotoluene	12	0.015	0.028	U	0.028	0.027	U	0.027	0.030	U	0.030	0.030	U	0.030	0.031	U	0.031	0.030	U	0.030	0.032	U	0.032	0.029	U	0.029	0.028	U	0.028
2-Chloronaphthalene	18000	7000	0.018	U	0.018	0.017	U	0.017	0.019	U	0.019	0.019	U	0.019	0.020	U	0.020	0.019	U	0.019	0.021	U	0.021	0.019	U	0.019	0.018	U	0.018
2-Chlorophenol	1100	4.4	0.014	U	0.014	0.013	U	0.013	0.015	U	0.015	0.015	U	0.015	0.015	U	0.015	0.015	U	0.015	0.016	U	0.016	0.014	U	0.014	0.014	U	0.014
2-Methylnaphthalene	880	680	0.011	U	0.011	0.010	U	0.010	0.014	J	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U	0.012	0.014	J	0.012	0.011	U	0.011	0.011	U	0.011
2-Methylphenol	11000	35	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	0.015	U	0.015	0.016	U	0.016	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.014	U	0.014
2-Nitroaniline	2200	8	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	0.015	U	0.015	0.016	U	0.016	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.014	U	0.014
2-Nitrophenol	1800	6.7	0.039	U	0.039	0.038	U	0.038	0.042	U	0.042	0.042	U	0.042	0.043	U	0.043	0.042	U	0.042	0.045	U	0.045	0.041	U	0.041	0.039	U	0.039
3,3'-Dichlorobenzidine	41	8.8	0.059	U	0.059	0.057	U	0.057	0.063	U	0.063	0.063	U	0.063	0.065	U	0.065	0.063	U	0.063	0.067	U	0.067	0.061	U	0.061	0.058	U	0.058
3-Nitroaniline	NA	NA	0.044	U	0.044	0.042	U	0.042	0.047	U	0.047	0.047	U	0.047	0.048	U	0.048	0.047	U	0.047	0.050	U	0.050	0.046	U	0.046	0.044	U	0.044
4,6-Dinitro-2-methylphenol	18	0.25	0.16	U	0.16	0.15	U	0.15	0.17	U	0.17	0.17	U	0.17	0.18	U	0.18	0.17	U	0.17	0.18	U	0.18	0.17	U	0.17	0.16	U	0.16
4-Bromophenyl phenyl ether	NA	NA	0.016	U	0.016	0.015	U	0.015	0.017	U	0.017	0.016	U	0.016	0.017	U	0.017	0.017	U	0.017	0.018	U	0.018	0.016	U	0.016	0.015	U	0.015
4-Chloro-3-methylphenol	22000	870	0.022	U	0.022	0.021	U	0.021	0.023	U	0.023	0.023	U	0.023	0.024	U	0.024	0.023	U	0.023	0.025	U	0.025	0.023	U	0.023	0.022	U	0.022
4-Chlorophenyl phenyl ether	NA	NA	0.014	U	0.014	0.013	U	0.013	0.015	U	0.015	0.015	U	0.015	0.015	U	0.015	0.015	U	0.015	0.016	U	0.016	0.014	U	0.014	0.014	U	0.014
4-Methylphenol	1100	4.9	0.024	U	0.024	0.023	U	0.023	0.026	U	0.026	0.026	U	0.026	0.027	U	0.027	0.026	U	0.026	0.028	U	0.028	0.025	U	0.025	0.024	U	0.024
4-Nitroaniline	880	0.55	0.045	U	0.045	0.043	U	0.043	0.048	U	0.048	0.048	U	0.048	0.049	U	0.049	0.048	U	0.048	0.051	U	0.051	0.047	U	0.047	0.044	U	0.044
4-Nitrophenol	1800	4.1	0.064	U	0.064	0.061	U	0.061	0.068	U	0.068	0.068	U	0.068	0.070	U	0.070	0.068	U	0.068	0.073	U	0.073	0.066	U	0.066	0.063	U	0.063
Acenaphthene	13000	3100	0.011	U	0.011	0.014	J	0.011	0.012	U	0.012	0.012	U	0.012	0.012	U	0.012	0.012	U	0.012	0.013	U	0.013	0.012	U	0.012	0.011	U	0.011
Acenaphthylene	13000	2800	0.0049	J	0.0039	0.0096	J	0.0038	0.0091	J	0.0042	0.0055	J	0.0042	0.012	J	0.0043	0.0075	J	0.0042	0.012	J	0.0045	0.0041	U	0.0041	0.0039	U	0.0039
Anthracene	66000	350	0.013	J	0.012	0.034	J	0.011	0.020	J	0.013	0.013	U	0.013	0.037	J	0.013	0.028	J	0.013	0.033	J	0.014	0.013	J	0.012	0.012	U	0.012
Benzo[a]anthracene	6	28	0.076		0.014	0.17		0.013	0.12		0.015	0.083		0.014	0.19		0.015	0.14		0.015	0.19		0.016	0.070		0.014	0.052		0.014
Benzo[a]pyrene	0.58	46	0.074		0.010	0.16		0.010	0.11		0.011	0.075		0.011	0.18		0.011	0.13		0.011	0.18		0.012	0.066		0.011	0.049		0.010
Benzo[b]fluoranthene	3.5	26	0.11		0.010	0.22		0.0097	0.20		0.011	0.13		0.011	0.27		0.011	0.21		0.011	0.29		0.012	0.11		0.011	0.080		0.010
Benzo[g,h,i]perylene	13000	180	0.043	J	0.012	0.084	J	0.011	0.084	J	0.012	0.062	J	0.012	0.13	J	0.013	0.099	J	0.012	0.13	J	0.013	0.050	J	0.012	0.037	J	0.011
Benzo[k]fluoranthene	4	210	0.043		0.0077	0.083		0.0073	0.060		0.0082	0.044		0.0081	0.11		0.0084	0.070		0.0082	0.11		0.0087	0.035	J	0.0080	0.022	J	0.0076
Bis(2-chloroethoxy)methane	660	3.4	0.031	U	0.031	0.029	U	0.029	0.032	U	0.032	0.032	U	0.032	0.033	U	0.033	0.033	U	0.033	0.035	U	0.035	0.032	U	0.032	0.030	U	0.030
Bis(2-chloroethyl)ether	1.3	0.0045	0.014	U	0.014	0.013	U	0.013	0.014	U	0.014	0.014	U	0.014	0.015	U	0.015	0.015	U	0.015	0.016	U	0.016	0.014	U	0.014	0.013	U	0.013
Bis[2-ethylhexyl] phthalate	1300	130	0.021	U	0.021	0.098	J	0.020	0.12	J	0.022	0.13	J	0.022	0.16	J	0.023	0.15	J	0.022	0.085	J	0.024	0.021	U	0.021	0.020	U	0.020
Butyl benzyl phthalate	9800	3200	0.018	U	0.018	0.018	U	0.018	0.020	U	0.020	0.019	U	0.019	0.020	U	0.020	0.020	U	0.020	0.021	U	0.021	0.019	U	0.019	0.018	U	0.018
Carbazole	930	24	0.015	U	0.015	0.020	J	0.014	0.017	J	0.016	0.016	U	0.016	0.030	J	0.016	0.018	J	0.016	0.024	J	0.017	0.015	U	0.015	0.015	U	0.015
Chrysene	35	230	0.089	J	0.0066	0.18	J	0.0063	0.14	J	0.0070	0.087	J	0.0070	0.21	J	0.0072	0.15	J	0.0071	0.22	J	0.0075	0.092	J	0.0069	0.066	J	0.0065
Dibenz(a,h)anthracene	1	25	0.017	U	0.017	0.025	J	0.016	0.031	J	0.018	0.027	J	0.018	0.032	J	0.019	0.023	J	0.018	0.042	J	0.019	0.018	U	0.018	0.017	U	0.017
Dibenzofuran	220	110	0.0055	U	0.0055	0.0066	J	0.0053	0.010	J	0.0058	0.0067	J	0.0058	0.0097	J	0.0060	0.0071	J	0.0059	0.012	J	0.0063	0.0057	U	0.0057	0.0054	U	0.0054
Diethyl phthalate	10000	1000	0.0057	U	0.0057	0.0054	U	0.0054	0.0060	U	0.0060	0.0060	U	0.0060	0.0062	U	0.0062	0.0060	U	0.0060	0.0065	U	0.0065	0.0059	U	0.0059	0.0056	U	0.0056
Dimethyl phthalate	NA	NA	0.089	U	0.089	0.085	U	0.085	0.095	U	0.095	0.094	U	0.094	0.097	U	0.097	0.095	U	0.095	0.10	U	0.10	0.092	U	0.092	0.088	U	0.088
Di-n-butyl phthalate	10000	1700	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	0.016	U	0.016	0.016	U	0.016	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.015	U	0.015
Di-n-octyl phthalate	2200	10000	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Fluoranthene	8800	3200	0.15	J	0.014	0.34	J	0.013	0.22	J	0.015	0.15	J	0.014	0.38	J	0.015	0.26	J	0.015	0.37	J	0.016	0.14	J	0.014	0.10	J	0.014
Fluorene	8800	3400	0.0053	U	0.0053	0.013	J	0.0051	0.0088	J	0.0056	0.0056	U	0.0056	0.012	J	0.0058	0.0096	J	0.0057	0.012	J	0.0060	0.0055	U	0.0055	0.0053	U	0.0053
Hexachlorobenzene	12	0.96	0.019	U	0.019	0.018	U	0.018	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.020	U	0.020	0.021	U	0.021	0.019	U	0.019	0.018	U	0.018
Hexachlorobutadiene	220	11	0.0083	U	0.0083	0.0080	U	0.0080	0.0089	U	0.0089	0.0088	U	0.0088	0.0091	U	0.0091	0.0089	U	0.0089	0.0095	U	0.0095	0.0086	U	0.0086	0.0082	U	0.0082
Hexachlorocyclopentadiene	1300	91	0.034	U	0.034	0.033	U	0.033	0.037	U	0.037	0.036	U	0.036	0.038	U	0.038	0.037	U	0.037	0.039	U	0.039	0.036	U	0.036	0.034	U	0.034
Hexachloroethane	44	0.56	0.013	U	0.013	0.013	U	0.013	0.014	U	0.014	0.014	U	0.014	0.015	U	0.015	0.014	U	0.014	0.015	U	0.015	0.014	U	0.014	0.013	U	0.013
Indeno[1,2,3-cd]pyrene	3.5	1500	0.054		0.015	0.15		0.015	0.093		0.016	0.067		0.016	0.15		0.017	0.10		0.016	0.15		0.017	0.061		0.016	0.041		0.015
Isophorone	10000	1.9	0.11	U	0.11	0.11	U	0.11	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.13	U	0.13	0.12	U	0.12	0.11	U	0.11
Naphthalene	160	25	0.0068	U	0.0068	0.0095	J	0.0065	0.035	J	0.0072	0.028	J	0.0072	0.022	J	0.0074	0.023	J	0.0072	0.025	J	0.0077	0.0097	J	0.0070	0.0067	U	0.0067
Nitrobenzene	440	3.6	0.0094	U	0.0094	0.0090	U	0.0090	0.010	U	0.010	0.010	U	0.010	0.010	U	0.010	0.010	U	0.010	0.011	U	0.011	0.0098	U	0.0098	0.0093	U	0.0093
N-Nitrosodi-n-propylamine	2.7	0.0014	0.028	U	0.028	0.027	U	0.027	0.030	U	0.030	0.030	U	0.030	0.031	U	0.031	0.030	U	0.030	0.032	U	0.032	0.029	U	0.029	0.028	U	0.028
N-Nitrosodiphenylamine	3800	23	0.032	U	0.032	0.031	U	0.031	0.034	U	0.034	0.034	U	0.034	0.035	U	0.035	0.034	U	0.034	0.037	U	0.037	0.033	U	0.033	0.032	U	0.032
Pentachlorophenol	47	5	0.080	U	0.080	0.077	U	0.077	0.085	U	0.085	0.085	U	0.085	0.088	U	0.088	0.086	U	0.086	0.091	U	0.091	0.083	U	0.083	0.079	U	0.079
Phenanthrene	66000	10000	0.065	J	0.0069	0.18	J	0.0066	0.12	J	0.0073	0.086	J	0.0073	0.19	J	0.0075	0.16	J	0.0073	0.20	J	0.0078	0.086	J	0.0071	0.059	J	0.0068
Phenol	3800	33	0.014	U	0.014	0.014	U	0.014	0.015	U	0.015	0.015	U	0.015	0.016	U	0.016	0.015	U	0.015	0.016	U	0.016	0.015	U	0.015	0.014	U	0.014
Pyrene	6600	2200	0.12	J	0.0097	0.29	J	0.0093	0.21	J	0.010	0.14	J	0.010	0.32	J	0.011	0.26	J	0.010	0.36	J	0.011	0.13	J	0.010	0.085	J	0.0096
Total Conc	NA	NA	0.8419			2.0867			1.6219			1.1212			2.4447			1.8452			2.459			0.8627			0.591		
Total Estimated Conc. (TICs)	NA	NA	1.83			2.9			15.12			18.31			5.31			10.4			28.17			1.5			2.77		

Highlighted Concentrations shown in bold type face exceed limits

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

The CFCL is the more stringent of the two reported MSCs

Table 1: Soil Analytical Results
Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	SB-1			SB-2			HA-1			HA-2			HA-3			HA-4			HA-5			HA-6			HA-7		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
Sampling Date	Contact	Used Aquifers	10/28/2021 08:35:00			10/28/2021 09:55:00			10/28/2021 07:55:00			10/28/2021 08:10:00			10/28/2021 08:50:00			10/28/2021 09:05:00			10/28/2021 09:20:00			10/28/2021 09:40:00			10/28/2021 10:15:00		
Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	0-15'	TDS<2500'	1			1			1			1			1			1			1			1			1		
Unit	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8081B																													
4,4'-DDD	78	33	0.0013	U	0.0013	0.0013	U	0.0013	0.0014	U	0.0014	0.0014	U	0.0014	0.0015	U	0.0015	0.0014	U	0.0014	0.0015	U	0.0015	0.0014	U	0.0014	0.0013	U	0.0013
4,4'-DDE	55	46	0.00094	U	0.00094	0.00089	U	0.00089	0.00099	U	0.00099	0.00099	U	0.00099	0.0010	U	0.0010	0.0010	U	0.0010	0.0011	U	0.0011	0.00097	U	0.00097	0.00092	U	0.00092
4,4'-DDT	55	130	0.0015	U	0.0015	0.0014	U	0.0014	0.0015	U	0.0015	0.0015	U	0.0015	0.0016	U	0.0016	0.0016	U	0.0016	0.0017	U	0.0017	0.0015	U	0.0015	0.0014	U	0.0014
Aldrin	1.1	0.52	0.0012	U	0.0012	0.0011	U	0.0011	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0014	U	0.0014	0.0012	U	0.0012	0.0012	U	0.0012
alpha-BHC	3	0.055	0.00081	U	0.00081	0.00077	U	0.00077	0.00086	U	0.00086	0.00085	U	0.00085	0.00088	U	0.00088	0.00086	U	0.00086	0.00092	U	0.00092	0.00083	U	0.00083	0.00080	U	0.00080
beta-BHC	10	0.24	0.00089	U	0.00089	0.00085	U	0.00085	0.00094	U	0.00094	0.00094	U	0.00094	0.00097	U	0.00097	0.00095	U	0.00095	0.0010	U	0.0010	0.00092	U	0.00092	0.00088	U	0.00088
Chlordane (technical)	NA	NA	0.019	U	0.019	0.018	U	0.018	0.020	U	0.020	0.020	U	0.020	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.020	U	0.020	0.019	U	0.019
delta-BHC	NA	NA	0.00049	U	0.00049	0.00046	U	0.00046	0.00052	U	0.00052	0.00051	U	0.00051	0.00053	U	0.00053	0.00052	U	0.00052	0.00055	U	0.00055	0.00050	U	0.00050	0.00048	U	0.00048
Dieldrin	1.2	0.13	0.0010	U	0.0010	0.00099	U	0.00099	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0012	U	0.0012	0.0011	U	0.0011	0.0010	U	0.0010
Endosulfan I	1300	130	0.0012	U	0.0012	0.0012	U	0.0012	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0014	U	0.0014	0.0013	U	0.0013	0.0012	U	0.0012
Endosulfan II	1300	150	0.0020	U	0.0020	0.0019	U	0.0019	0.0022	U	0.0022	0.0022	U	0.0022	0.0022	U	0.0022	0.0022	U	0.0022	0.0023	U	0.0023	0.0021	U	0.0021	0.0020	U	0.0020
Endosulfan sulfate	1300	70	0.00099	U	0.00099	0.00095	U	0.00095	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0011	U	0.0011	0.0010	U	0.0010	0.00098	U	0.00098
Endrin	66	5.5	0.0011	U	0.0011	0.0011	U	0.0011	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0012	U	0.0012	0.0013	U	0.0013	0.0012	U	0.0012	0.0011	U	0.0011
Endrin aldehyde	NA	NA	0.0019	U	0.0019	0.0018	U	0.0018	0.0020	U	0.0020	0.0020	U	0.0020	0.0020	U	0.0020	0.0020	U	0.0020	0.0021	U	0.0021	0.0019	U	0.0019	0.0018	U	0.0018
Endrin ketone	NA	NA	0.0015	U	0.0015	0.0015	U	0.0015	0.0016	U	0.0016	0.0016	U	0.0016	0.0017	U	0.0017	0.0016	U	0.0016	0.0018	U	0.0018	0.0016	U	0.0016	0.0015	U	0.0015
gamma-BHC (Lindane)	17	0.072	0.00073	U	0.00073	0.00070	U	0.00070	0.00078	U	0.00078	0.00078	U	0.00078	0.00080	U	0.00080	0.00078	U	0.00078	0.00084	U	0.00084	0.00076	U	0.00076	0.00073	U	0.00073
Heptachlor	4	0.68	0.00094	U	0.00094	0.00089	U	0.00089	0.00099	U	0.00099	0.00099	U	0.00099	0.0010	U	0.0010	0.0010	U	0.0010	0.0011	U	0.0011	0.00097	U	0.00097	0.00092	U	0.00092
Heptachlor epoxide	2	1.1	0.0012	U	0.0012	0.0011	U	0.0011	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0013	U	0.0013	0.0012	U	0.0012	0.0012	U	0.0012
Methoxychlor	1100	630	0.0018	U	0.0018	0.0017	U	0.0017	0.0019	U	0.0019	0.0019	U	0.0019	0.0020	U	0.0020	0.0019	U	0.0019	0.0021	U	0.0021	0.0019	U	0.0019	0.0018	U	0.0018
Toxaphene	17	1.2	0.029	U	0.029	0.027	U	0.027	0.030	U	0.030	0.030	U	0.030	0.031	U	0.031	0.031	U	0.031	0.033	U	0.033	0.030	U	0.030	0.028	U	0.028

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Table 1: Soil Analytical Results
Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	**SB-1**			**SB-2**			**HA-1**			**HA-2**			**HA-3**			**HA-4**			**HA-5**			**HA-6**			**HA-7**		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
Sampling Date	Contact	Used Aquifers	10/28/2021 08:35:00			10/28/2021 09:55:00			10/28/2021 07:55:00			10/28/2021 08:10:00			10/28/2021 08:50:00			10/28/2021 09:05:00			10/28/2021 09:20:00			10/28/2021 09:40:00			10/28/2021 10:15:00		
Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	0-15'	TDS<2500'	1			1			1			1			1			1			1			1			1		
Unit	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8082A																													
Aroclor 1016	9	10	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1221	9	0.18	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1232	9	0.14	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1242	9	4	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1248	9.3	18	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1254	4.4	75	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1260	9	170	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.067	J	0.024	0.022	U	0.022	0.021	U	0.021
Aroclor 1268	NA	NA	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021
PCB-1262	NA	NA	0.021	U	0.021	0.020	U	0.020	0.022	U	0.022	0.022	U	0.022	0.023	U	0.023	0.022	U	0.022	0.024	U	0.024	0.022	U	0.022	0.021	U	0.021

Highlighted Concentrations shown in bold type face exceed limits

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Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	SB-1			SB-2			HA-1			HA-2			HA-3			HA-4			HA-5			HA-6			HA-7		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
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Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
Dilution Factor	0-15'	TDS<2500'	1			1			1			1			1			1			1			1			1		
Unit	ug/kg	ug/kg	ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg			ug/kg		
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 8151A																													
2,4,5-T	2200000	1500	8.4	U	8.4	8.0	U	8.0	8.9	U	8.9	8.9	U	8.9	9.2	U	9.2	8.9	U	8.9	9.5	U	9.5	8.7	U	8.7	8.3	U	8.3
2,4-D	2200000	1800	14	U	14	14	U	14	15	U	15	15	U	15	16	U	16	15	U	15	16	U	16	15	U	15	14	U	14
Silvex (2,4,5-TP)	1800000	22000	4.1	+*1	4.1	3.9	+*1	3.9	4.4	+*1	4.4	4.3	+*1	4.3	4.5	+*1	4.5	4.4	+*1	4.4	4.7	+*1	4.7	4.3	+*1	4.3	4.1	+*1	4.1

*+ : LCS and/or LCSD is outside acceptance limits, high biased.
*1 : LCS/LCSD RPD exceeds control limits.
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Table 1: Soil Analytical Results
Kingsessing Recreation Center and Library

Client ID	PA Residential	PA Residential	**SB-1**			**SB-2**			**HA-1**			**HA-2**			**HA-3**			**HA-4**			**HA-5**			**HA-6**			**HA-7**		
Lab Sample ID	Direct	Soil to GroundWater	460-246210-1			460-246210-2			460-246210-3			460-246210-4			460-246210-5			460-246210-6			460-246210-7			460-246210-8			460-246210-9		
Sampling Date	Contact	Used Aquifers	10/28/2021 08:35:00			10/28/2021 09:55:00			10/28/2021 07:55:00			10/28/2021 08:10:00			10/28/2021 08:50:00			10/28/2021 09:05:00			10/28/2021 09:20:00			10/28/2021 09:40:00			10/28/2021 10:15:00		
Matrix	MCS	Generic	Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil			Soil		
	0-15'	TDS<2500'																											
Unit																													
			Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
SOIL BY 6020B(MG/KG)																													
Aluminum	190000	NA	17700		6.3	16700		5.7	13300		6.6	16000		6.5	15500		6.7	15700		6.4	15800		6.9	15400		6.4	14000		5.9
Antimony	88	27	0.17	U	0.17	0.15	U	0.15	1.0	J	0.17	0.52	J	0.17	0.60	J	0.18	0.65	J	0.17	0.71	J	0.18	0.55	J	0.17	0.65	J	0.16
Arsenic	12	29	7.0		0.12	6.6		0.11	7.3		0.12	6.7		0.12	7.3		0.13	8.7		0.12	9.5		0.13	8.6		0.12	10.4		0.11
Barium	44000	8200	42.3		0.17	58.4		0.15	167		0.17	103		0.17	111		0.18	106		0.17	110		0.18	97.9		0.17	93.7		0.16
Beryllium	440	320	0.69		0.065	0.77		0.059	0.90		0.068	0.92		0.067	1.1		0.070	0.76		0.067	0.81		0.071	0.71		0.067	0.73		0.062
Cadmium	110	38	0.13	U	0.13	0.12	U	0.12	1.6		0.14	0.45	J	0.13	0.49	J	0.14	0.77	J	0.13	0.61	J	0.14	0.33	J	0.13	0.55	J	0.12
Calcium	NA	NA	839		20.2	1060		18.4	3390		21.2	7970		20.9	2060		21.6	2880		20.7	1340		22.1	765		20.7	854		19.2
Chromium	NA	NA	29.4		0.30	33.0		0.28	48.5		0.32	31.4		0.32	27.3		0.33	38.6		0.31	32.9		0.33	28.5		0.31	32.0		0.29
Cobalt	66	59	4.7		0.17	7.6		0.15	9.4		0.18	8.8		0.17	9.5		0.18	9.0		0.17	8.9		0.18	7.9		0.17	7.1		0.16
Copper	8100	43000	12.1		0.42	16.2		0.38	97.3		0.44	31.7		0.44	31.5		0.45	50.7		0.43	47.2		0.46	47.9		0.43	59.2		0.40
Iron	150000	NA	30300		23.0	26600		21.0	18600		24.2	20300		23.9	18000		24.7	23600		23.6	22500		25.2	21200		23.6	22800		21.9
Lead	500	450	10.9		0.23	16.7		0.21	115		0.24	44.6		0.24	86.1		0.24	87.7		0.23	117		0.25	89.3		0.23	90.6		0.22
Magnesium	NA	NA	2910		11.6	3110		10.6	2130		12.2	6220		12.1	1990		12.5	2600		11.9	2050		12.7	1880		11.9	1910		11.1
Manganese	10000	2000	85.1		0.46	179		0.42	685		0.48	576		0.48	759		0.49	436		0.47	412		0.50	372		0.47	266		0.44
Nickel	4400	650	13.5		0.54	13.7		0.49	19.2		0.56	25.5		0.56	15.4		0.57	16.1		0.55	15.8		0.59	13.4		0.55	15.4		0.51
Potassium	NA	NA	875		13.8	1390		12.6	1200		14.5	661		14.3	656		14.8	887		14.1	720		15.1	591		14.1	683		13.1
Selenium	1100	26	0.21	J	0.15	0.25	J	0.13	0.79	J	0.15	0.44	J	0.15	0.69	J	0.16	0.63	J	0.15	0.94	J	0.16	0.83	J	0.15	0.88	J	0.14
Silver	1100	84	0.10	U	0.10	0.092	U	0.092	5.6		0.11	1.2		0.11	0.79	J	0.11	1.9		0.10	0.43	J	0.11	0.70	J	0.10	1.7		0.096
Sodium	NA	NA	67.5	J	52.0	120		47.5	57.4	J	54.8	72.4	J	54.0	84.7	J	55.9	61.7	J	53.4	57.6	J	57.0	53.8	J	53.4	51.3	J	49.5
Thallium	2.2	14	0.15	J	0.047	0.14	J	0.043	0.20	J	0.049	0.16	J	0.048	0.22	J	0.050	0.22	J	0.048	0.24	J	0.051	0.24	J	0.048	0.21	J	0.044
Vanadium	15	290	**46.0**		0.23	**45.3**		0.21	**34.6**		0.25	**35.4**		0.24	**34.5**		0.25	**40.6**		0.24	**45.1**		0.26	**39.7**		0.24	**40.8**		0.22
Zinc	66000	12000	30.9		3.5	40.9		3.2	232		3.7	80.2		3.6	94.8		3.7	126		3.6	154		3.8	101		3.6	115		3.3
SOIL BY 7471B(MG/KG)																													
Mercury	35	10	0.11		0.0089	0.072		0.0085	0.33		0.0097	0.17		0.0099	0.46		0.010	0.19		0.0096	0.18		0.011	0.14		0.0098	0.086		0.0085

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ATTACHMENT A

LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Job Number: 460-246210-1

Job Description: KLMLX21003

For:
Pennoni Associates, Inc.
1900 Market Street
Philadelphia, PA 19103

Attention: Marc Chartier

Approved for release.
Omayra Penas
Senior Project Manager
11/9/2021 5:57 PM

Omayra Penas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(732)593-2538
Omayra.Penas@Eurofinset.com
11/09/2021

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CASE NARRATIVE

Client: Pennoni Associates, Inc.

Project: KLMLX21003

Report Number: 460-246210-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/29/2021 8:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.5º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 10/30/2021 and analyzed on 11/02/2021 and 11/03/2021.

The continuing calibration verification (CCV) analyzed in batch 460-810773 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for analytical batch 460-810773 recovered outside control limits for the following analytes: 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Chlorobenzene. These analytes were biased low in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-810922 recovered above the upper control limit for Methyl acetate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Methods 8270E. The samples were prepared on 10/31/2021 and analyzed on 11/01/2021 and 11/02/2021.

The continuing calibration verification (CCV) analyzed in batch 460-810823 was outside the method criteria for the following analyte(s): Benzo[b]fluoranthene and Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Phenol-d5 failed the surrogate recovery criteria high for SB-2 (460-246210-2).

Several analytes failed the recovery criteria low for the MS of sample 460-246194-1 in batch 460-810633.

Several analytes failed the recovery criteria low for the MSD of sample 460-246194-1 in batch 460-810633. 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 10/31/2021 and analyzed on 11/01/2021 and 11/02/2021.

The continuing calibration verification (CCV) associated with batch 460-810761 recovered above the upper control limit for delta-BHC and Endrin ketone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-810761/3).

The continuing calibration verification (CCV) associated with batch 460-810761 recovered above the upper control limit for Chlordane (technical) on the secondary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 460-810761/4).

The continuing calibration verification (CCV) associated with batch 460-810665 recovered above the upper control limit for delta-BHC and Endrin ketone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-810665/2).

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 10/31/2021 and analyzed on 11/02/2021.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference: HA-7 (460-246210-9). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Surrogate Tetrachloro-m-xylene recovery for the following samples were outside control limits (biased low): SB-1 (460-246210-1) and SB-2 (460-246210-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

CHLORINATED HERBICIDES

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were prepared on 11/03/2021 and analyzed on 11/04/2021.

The 2,4-Dichlorophenylacetic acid surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: HA-2 (460-246210-4) and HA-5 (460-246210-7). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

The laboratory control sample duplicate (LCSD) for preparation batch 460-811219 and analytical batch 460-811270 recovered outside control limits for the following analytes: Silvex (2,4,5-TP). These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for preparation batch 460-811219 and analytical batch 460-811270 recovered outside control limits for the following analytes: 2,4-D and 2,4,5-T. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-811219 and

analytical batch 460-811270 recovered outside control limits for the following analytes: Silvex (2,4,5-TP) and 2,4,5-T.

Refer to the QC report for details.

No other difficulties were encountered during the herbicides analysis.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP/MS)

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for Total Metals (ICP/MS) in accordance with EPA SW-846 Method 6020B. The samples were prepared and analyzed on 11/04/2021.

Antimony failed the recovery criteria low for the MS of sample 460-246212-11 in batch 460-811334. Several analytes failed the recovery criteria high.

Calcium, Magnesium and Selenium exceeded the RPD limit for the duplicate of sample 460-246212-11.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 11/04/2021.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-1 (460-246210-1), SB-2 (460-246210-2), HA-1 (460-246210-3), HA-2 (460-246210-4), HA-3 (460-246210-5), HA-4 (460-246210-6), HA-5 (460-246210-7), HA-6 (460-246210-8) and HA-7 (460-246210-9) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 11/02/2021.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-246207-7.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Sample Summary

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-246210-1	SB-1	Solid	10/28/21 08:35	10/29/21 20:00
460-246210-2	SB-2	Solid	10/28/21 09:55	10/29/21 20:00
460-246210-3	HA-1	Solid	10/28/21 07:55	10/29/21 20:00
460-246210-4	HA-2	Solid	10/28/21 08:10	10/29/21 20:00
460-246210-5	HA-3	Solid	10/28/21 08:50	10/29/21 20:00
460-246210-6	HA-4	Solid	10/28/21 09:05	10/29/21 20:00
460-246210-7	HA-5	Solid	10/28/21 09:20	10/29/21 20:00
460-246210-8	HA-6	Solid	10/28/21 09:40	10/29/21 20:00
460-246210-9	HA-7	Solid	10/28/21 10:15	10/29/21 20:00

Detection Summary

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Client Sample ID: SB-1 — Lab Sample ID: 460-246210-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.0049	J	0.39	0.0039	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.065	J	0.39	0.0069	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.013	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.15	J	0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.12	J	0.39	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.076		0.039	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.089	J	0.39	0.0066	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.11		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.043		0.039	0.0077	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.074		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.054		0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.043	J	0.39	0.012	mg/Kg	1	☼	8270E	Total/NA
Arsenic	7.0		1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	42.3		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.69		0.46	0.065	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.7		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Chromium	29.4		2.3	0.30	mg/Kg	1	☼	6020B	Total/NA
Copper	12.1		2.3	0.42	mg/Kg	1	☼	6020B	Total/NA
Manganese	85.1		4.6	0.46	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.5		2.3	0.54	mg/Kg	1	☼	6020B	Total/NA
Lead	10.9		0.68	0.23	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.21	J	1.4	0.15	mg/Kg	1	☼	6020B	Total/NA
Vanadium	46.0		2.3	0.23	mg/Kg	1	☼	6020B	Total/NA
Zinc	30.9		9.1	3.5	mg/Kg	1	☼	6020B	Total/NA
Aluminum	17700		22.8	6.3	mg/Kg	1	☼	6020B	Total/NA
Sodium	67.5	J	114	52.0	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2910		114	11.6	mg/Kg	1	☼	6020B	Total/NA
Potassium	875		114	13.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	839		114	20.2	mg/Kg	1	☼	6020B	Total/NA
Iron	30300		68.3	23.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.15	J	0.46	0.047	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.11		0.019	0.0089	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-2 — Lab Sample ID: 460-246210-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.20		0.0079	0.0076	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0049	J	0.0066	0.00049	mg/Kg	1	☼	8260D	Total/NA
Naphthalene	0.0095	J	0.37	0.0065	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0096	J	0.37	0.0038	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.014	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0066	J	0.37	0.0053	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.013	J	0.37	0.0051	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.18	J	0.37	0.0066	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.034	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.020	J	0.37	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.34	J	0.37	0.013	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.29	J	0.37	0.0093	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.17		0.037	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.18	J	0.37	0.0063	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.098	J	0.37	0.020	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2 (Continued)

Lab Sample ID: 460-246210-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.22		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.083		0.037	0.0073	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.16		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.037	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.025	J	0.037	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.084	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Arsenic	6.6		1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Barium	58.4		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.77		0.42	0.059	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.6		2.1	0.15	mg/Kg	1	☼	6020B	Total/NA
Chromium	33.0		2.1	0.28	mg/Kg	1	☼	6020B	Total/NA
Copper	16.2		2.1	0.38	mg/Kg	1	☼	6020B	Total/NA
Manganese	179		4.2	0.42	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.7		2.1	0.49	mg/Kg	1	☼	6020B	Total/NA
Lead	16.7		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Vanadium	45.3		2.1	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	40.9		8.3	3.2	mg/Kg	1	☼	6020B	Total/NA
Aluminum	16700		20.8	5.7	mg/Kg	1	☼	6020B	Total/NA
Sodium	120		104	47.5	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3110		104	10.6	mg/Kg	1	☼	6020B	Total/NA
Potassium	1390		104	12.6	mg/Kg	1	☼	6020B	Total/NA
Calcium	1060		104	18.4	mg/Kg	1	☼	6020B	Total/NA
Iron	26600		62.3	21.0	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.14	J	0.42	0.043	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.072		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-1

Lab Sample ID: 460-246210-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.035	J	0.42	0.0072	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.014	J	0.42	0.012	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0091	J	0.42	0.0042	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.010	J	0.42	0.0058	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0088	J	0.42	0.0056	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.12	J	0.42	0.0073	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.020	J	0.42	0.013	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.017	J	0.42	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.22	J	0.42	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.21	J	0.42	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.12		0.042	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.14	J	0.42	0.0070	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.12	J	0.42	0.022	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.20		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.060		0.042	0.0082	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.11		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.093		0.042	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.031	J	0.042	0.018	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.084	J	0.42	0.012	mg/Kg	1	☼	8270E	Total/NA
Silver	5.6		1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-1 (Continued)

Lab Sample ID: 460-246210-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	167		2.4	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.90		0.48	0.068	mg/Kg	1	☼	6020B	Total/NA
Cadmium	1.6		1.2	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.4		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Chromium	48.5		2.4	0.32	mg/Kg	1	☼	6020B	Total/NA
Copper	97.3		2.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Manganese	685		4.8	0.48	mg/Kg	1	☼	6020B	Total/NA
Nickel	19.2		2.4	0.56	mg/Kg	1	☼	6020B	Total/NA
Lead	115		0.72	0.24	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.0	J	1.2	0.17	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.79	J	1.5	0.15	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.6		2.4	0.25	mg/Kg	1	☼	6020B	Total/NA
Zinc	232		9.6	3.7	mg/Kg	1	☼	6020B	Total/NA
Aluminum	13300		24.0	6.6	mg/Kg	1	☼	6020B	Total/NA
Sodium	57.4	J	120	54.8	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2130		120	12.2	mg/Kg	1	☼	6020B	Total/NA
Potassium	1200		120	14.5	mg/Kg	1	☼	6020B	Total/NA
Calcium	3390		120	21.2	mg/Kg	1	☼	6020B	Total/NA
Iron	18600		71.9	24.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.20	J	0.48	0.049	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.33		0.021	0.0097	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-2

Lab Sample ID: 460-246210-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.25		0.0086	0.0082	mg/Kg	1	☼	8260D	Total/NA
Naphthalene	0.028	J	0.41	0.0072	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0055	J	0.41	0.0042	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0067	J	0.41	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.086	J	0.41	0.0073	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.15	J	0.41	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.14	J	0.41	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.083		0.041	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.087	J	0.41	0.0070	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.13	J	0.41	0.022	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.044		0.041	0.0081	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.075		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.067		0.041	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.027	J	0.041	0.018	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.062	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Silver	1.2		1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.7		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	103		2.4	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.92		0.47	0.067	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.45	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.8		2.4	0.17	mg/Kg	1	☼	6020B	Total/NA
Chromium	31.4		2.4	0.32	mg/Kg	1	☼	6020B	Total/NA
Copper	31.7		2.4	0.44	mg/Kg	1	☼	6020B	Total/NA
Manganese	576		4.7	0.48	mg/Kg	1	☼	6020B	Total/NA
Nickel	25.5		2.4	0.56	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-2 (Continued) — Lab Sample ID: 460-246210-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	44.6		0.71	0.24	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.52	J	1.2	0.17	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.44	J	1.5	0.15	mg/Kg	1	☼	6020B	Total/NA
Vanadium	35.4		2.4	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	80.2		9.5	3.6	mg/Kg	1	☼	6020B	Total/NA
Aluminum	16000		23.6	6.5	mg/Kg	1	☼	6020B	Total/NA
Sodium	72.4	J	118	54.0	mg/Kg	1	☼	6020B	Total/NA
Magnesium	6220		118	12.1	mg/Kg	1	☼	6020B	Total/NA
Potassium	661		118	14.3	mg/Kg	1	☼	6020B	Total/NA
Calcium	7970		118	20.9	mg/Kg	1	☼	6020B	Total/NA
Iron	20300		70.9	23.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.47	0.048	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.17		0.021	0.0099	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-3 — Lab Sample ID: 460-246210-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.022	J	0.43	0.0074	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.012	J	0.43	0.0043	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0097	J	0.43	0.0060	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.012	J	0.43	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.19	J	0.43	0.0075	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.037	J	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.030	J	0.43	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.38	J	0.43	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.32	J	0.43	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.19		0.043	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.21	J	0.43	0.0072	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.16	J	0.43	0.023	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.27		0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.043	0.0084	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.18		0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.043	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.032	J	0.043	0.019	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.13	J	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Silver	0.79	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	7.3		1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Barium	111		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Beryllium	1.1		0.49	0.070	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.49	J	1.2	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.5		2.4	0.18	mg/Kg	1	☼	6020B	Total/NA
Chromium	27.3		2.4	0.33	mg/Kg	1	☼	6020B	Total/NA
Copper	31.5		2.4	0.45	mg/Kg	1	☼	6020B	Total/NA
Manganese	759		4.9	0.49	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.4		2.4	0.57	mg/Kg	1	☼	6020B	Total/NA
Lead	86.1		0.73	0.24	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.60	J	1.2	0.18	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.69	J	1.5	0.16	mg/Kg	1	☼	6020B	Total/NA
Vanadium	34.5		2.4	0.25	mg/Kg	1	☼	6020B	Total/NA
Zinc	94.8		9.8	3.7	mg/Kg	1	☼	6020B	Total/NA
Aluminum	15500		24.5	6.7	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-3 (Continued)

Lab Sample ID: 460-246210-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	84.7	J	122	55.9	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1990		122	12.5	mg/Kg	1	☼	6020B	Total/NA
Potassium	656		122	14.8	mg/Kg	1	☼	6020B	Total/NA
Calcium	2060		122	21.6	mg/Kg	1	☼	6020B	Total/NA
Iron	18000		73.4	24.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.49	0.050	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.46		0.022	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-4

Lab Sample ID: 460-246210-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.023	J	0.42	0.0072	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0075	J	0.42	0.0042	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.0071	J	0.42	0.0059	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.0096	J	0.42	0.0057	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.42	0.0073	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.028	J	0.42	0.013	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.018	J	0.42	0.016	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.26	J	0.42	0.015	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.26	J	0.42	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.14		0.042	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.15	J	0.42	0.0071	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.15	J	0.42	0.022	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.21		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.070		0.042	0.0082	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.13		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.10		0.042	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.023	J	0.042	0.018	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.099	J	0.42	0.012	mg/Kg	1	☼	8270E	Total/NA
Silver	1.9		1.2	0.10	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.7		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	106		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.76		0.47	0.067	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.77	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Cobalt	9.0		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Chromium	38.6		2.3	0.31	mg/Kg	1	☼	6020B	Total/NA
Copper	50.7		2.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Manganese	436		4.7	0.47	mg/Kg	1	☼	6020B	Total/NA
Nickel	16.1		2.3	0.55	mg/Kg	1	☼	6020B	Total/NA
Lead	87.7		0.70	0.23	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.65	J	1.2	0.17	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.63	J	1.5	0.15	mg/Kg	1	☼	6020B	Total/NA
Vanadium	40.6		2.3	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	126		9.3	3.6	mg/Kg	1	☼	6020B	Total/NA
Aluminum	15700		23.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Sodium	61.7	J	117	53.4	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2600		117	11.9	mg/Kg	1	☼	6020B	Total/NA
Potassium	887		117	14.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	2880		117	20.7	mg/Kg	1	☼	6020B	Total/NA
Iron	23600		70.1	23.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.22	J	0.47	0.048	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-4 (Continued)

Lab Sample ID: 460-246210-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.19		0.020	0.0096	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-5

Lab Sample ID: 460-246210-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.025	J	0.44	0.0077	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.014	J	0.44	0.012	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.012	J	0.44	0.0045	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.012	J	0.44	0.0063	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.012	J	0.44	0.0060	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.20	J	0.44	0.0078	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.033	J	0.44	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.024	J	0.44	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.37	J	0.44	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.36	J	0.44	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.19		0.044	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.22	J	0.44	0.0075	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.085	J	0.44	0.024	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.29		0.044	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.044	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.18		0.044	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.044	0.017	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.042	J	0.044	0.019	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.13	J	0.44	0.013	mg/Kg	1	☼	8270E	Total/NA
Aroclor 1260	0.067	J	0.090	0.024	mg/Kg	1	☼	8082A	Total/NA
Silver	0.43	J	1.2	0.11	mg/Kg	1	☼	6020B	Total/NA
Arsenic	9.5		1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Barium	110		2.5	0.18	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.81		0.50	0.071	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.61	J	1.2	0.14	mg/Kg	1	☼	6020B	Total/NA
Cobalt	8.9		2.5	0.18	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.9		2.5	0.33	mg/Kg	1	☼	6020B	Total/NA
Copper	47.2		2.5	0.46	mg/Kg	1	☼	6020B	Total/NA
Manganese	412		5.0	0.50	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.8		2.5	0.59	mg/Kg	1	☼	6020B	Total/NA
Lead	117		0.75	0.25	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.71	J	1.2	0.18	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.94	J	1.6	0.16	mg/Kg	1	☼	6020B	Total/NA
Vanadium	45.1		2.5	0.26	mg/Kg	1	☼	6020B	Total/NA
Zinc	154		10	3.8	mg/Kg	1	☼	6020B	Total/NA
Aluminum	15800		25.0	6.9	mg/Kg	1	☼	6020B	Total/NA
Sodium	57.6	J	125	57.0	mg/Kg	1	☼	6020B	Total/NA
Magnesium	2050		125	12.7	mg/Kg	1	☼	6020B	Total/NA
Potassium	720		125	15.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	1340		125	22.1	mg/Kg	1	☼	6020B	Total/NA
Iron	22500		74.9	25.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.24	J	0.50	0.051	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.18		0.023	0.011	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-6

Lab Sample ID: 460-246210-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.0097	J	0.41	0.0070	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.086	J	0.41	0.0071	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.013	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.14	J	0.41	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.13	J	0.41	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.070		0.041	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.092	J	0.41	0.0069	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.11		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.035	J	0.041	0.0080	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.066		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.061		0.041	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.050	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Silver	0.70	J	1.2	0.10	mg/Kg	1	☼	6020B	Total/NA
Arsenic	8.6		1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Barium	97.9		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.71		0.47	0.067	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.9		2.3	0.17	mg/Kg	1	☼	6020B	Total/NA
Chromium	28.5		2.3	0.31	mg/Kg	1	☼	6020B	Total/NA
Copper	47.9		2.3	0.43	mg/Kg	1	☼	6020B	Total/NA
Manganese	372		4.7	0.47	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.4		2.3	0.55	mg/Kg	1	☼	6020B	Total/NA
Lead	89.3		0.70	0.23	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.55	J	1.2	0.17	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.83	J	1.5	0.15	mg/Kg	1	☼	6020B	Total/NA
Vanadium	39.7		2.3	0.24	mg/Kg	1	☼	6020B	Total/NA
Zinc	101		9.4	3.6	mg/Kg	1	☼	6020B	Total/NA
Aluminum	15400		23.4	6.4	mg/Kg	1	☼	6020B	Total/NA
Sodium	53.8	J	117	53.4	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1880		117	11.9	mg/Kg	1	☼	6020B	Total/NA
Potassium	591		117	14.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	765		117	20.7	mg/Kg	1	☼	6020B	Total/NA
Iron	21200		70.1	23.6	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.24	J	0.47	0.048	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.14		0.021	0.0098	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: HA-7

Lab Sample ID: 460-246210-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.059	J	0.39	0.0068	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.10	J	0.39	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.085	J	0.39	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.052		0.039	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.066	J	0.39	0.0065	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.080		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.022	J	0.039	0.0076	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.049		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.041		0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.037	J	0.39	0.011	mg/Kg	1	☼	8270E	Total/NA
Silver	1.7		1.1	0.096	mg/Kg	1	☼	6020B	Total/NA
Arsenic	10.4		1.1	0.11	mg/Kg	1	☼	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-7 (Continued)

Lab Sample ID: 460-246210-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	93.7		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.73		0.43	0.062	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.55	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Cobalt	7.1		2.2	0.16	mg/Kg	1	☼	6020B	Total/NA
Chromium	32.0		2.2	0.29	mg/Kg	1	☼	6020B	Total/NA
Copper	59.2		2.2	0.40	mg/Kg	1	☼	6020B	Total/NA
Manganese	266		4.3	0.44	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.4		2.2	0.51	mg/Kg	1	☼	6020B	Total/NA
Lead	90.6		0.65	0.22	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.65	J	1.1	0.16	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.88	J	1.4	0.14	mg/Kg	1	☼	6020B	Total/NA
Vanadium	40.8		2.2	0.22	mg/Kg	1	☼	6020B	Total/NA
Zinc	115		8.7	3.3	mg/Kg	1	☼	6020B	Total/NA
Aluminum	14000		21.7	5.9	mg/Kg	1	☼	6020B	Total/NA
Sodium	51.3	J	108	49.5	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1910		108	11.1	mg/Kg	1	☼	6020B	Total/NA
Potassium	683		108	13.1	mg/Kg	1	☼	6020B	Total/NA
Calcium	854		108	19.2	mg/Kg	1	☼	6020B	Total/NA
Iron	22800		65.0	21.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.21	J	0.43	0.044	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.086		0.018	0.0085	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
8151A	Herbicides (GC)	SW846	TAL EDI
6020B	Metals (ICP/MS)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
3050B	Preparation, Metals	SW846	TAL EDI
3546	Microwave Extraction	SW846	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI
7471B	Preparation, Mercury	SW846	TAL EDI
8151A	Extraction (Herbicides)	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: SB-1

Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1

Matrix: Solid
Percent Solids: 84.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Vinyl chloride	0.00073	U	0.0013	0.00073	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Chloroethane	0.00070	U	0.0013	0.00070	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Acetone	0.0076	U	0.0080	0.0076	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Carbon disulfide	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1-Dichloroethene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2-Dichloroethane	0.00039	U	0.0013	0.00039	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
2-Butanone (MEK)	0.00049	U	0.0067	0.00049	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Carbon tetrachloride	0.00052	U	0.0013	0.00052	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Bromoform	0.00057	U	0.0013	0.00057	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
2-Hexanone	0.0023	U	0.0067	0.0023	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Tetrachloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Toluene	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Chlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Ethylbenzene	0.00027	U	0.0013	0.00027	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Xylenes, Total	0.00086	U	0.0027	0.00086	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Methyl tert-butyl ether	0.00068	U	0.0013	0.00068	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Cyclohexane	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,3-Dichlorobenzene	0.00049	U	0.0013	0.00049	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,4-Dioxane	0.012	U	0.027	0.012	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Chlorobromomethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1

Client Sample ID: SB-1

Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1

Matrix: Solid
Percent Solids: 84.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0057	U	0.0067	0.0057	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1
Methylcyclohexane	0.00067	U	0.0013	0.00067	mg/Kg	☼	10/30/21 04:39	11/03/21 00:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/03/21 00:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*10/30/21 04:39*	*11/03/21 00:38*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*	*10/30/21 04:39*	*11/03/21 00:38*	*1*
4-Bromofluorobenzene	*97*		*70 - 139*	*10/30/21 04:39*	*11/03/21 00:38*	*1*
Dibromofluoromethane (Surr)	*103*		*48 - 150*	*10/30/21 04:39*	*11/03/21 00:38*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Chlorophenol	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Methylphenol	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Methylphenol	0.024	U	0.39	0.024	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Nitrophenol	0.039	U	0.39	0.039	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4-Dimethylphenol	0.017	U	0.39	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4-Dichlorophenol	0.025	U	0.16	0.025	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Chloro-3-methylphenol	0.022	U	0.39	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4,6-Trichlorophenol	0.050	U	0.16	0.050	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4,5-Trichlorophenol	0.040	U	0.39	0.040	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4-Dinitrotoluene	0.042	U	0.079	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Nitrophenol	0.064	U	0.79	0.064	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Pentachlorophenol	0.080	U	0.31	0.080	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Bis(2-chloroethyl)ether	0.014	U	0.039	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
1,3-Dichlorobenzene	0.0052	U	0.39	0.0052	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
1,4-Dichlorobenzene	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
1,2-Dichlorobenzene	0.0067	U	0.39	0.0067	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Hexachloroethane	0.013	U	0.039	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Nitrobenzene	0.0094	U	0.039	0.0094	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Isophorone	0.11	U	0.16	0.11	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
1,2,4-Trichlorobenzene	0.010	U	0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Naphthalene	0.0068	U	0.39	0.0068	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Hexachlorobutadiene	0.0083	U	0.079	0.0083	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Methylnaphthalene	0.011	U	0.39	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Hexachlorocyclopentadiene	0.034	U	0.39	0.034	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Chloronaphthalene	0.018	U	0.39	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2-Nitroaniline	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Dimethyl phthalate	0.089	U	0.39	0.089	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Acenaphthylene	**0.0049**	**J**	0.39	0.0039	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,6-Dinitrotoluene	0.028	U	0.079	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
3-Nitroaniline	0.044	U	0.39	0.044	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Acenaphthene	0.011	U	0.39	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Dibenzofuran	0.0055	U	0.39	0.0055	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,4-Dinitrophenol	0.19	U	0.31	0.19	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1

Client Sample ID: SB-1
Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1
Matrix: Solid
Percent Solids: 84.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.0057	U	0.39	0.0057	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Fluorene	0.0053	U	0.39	0.0053	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Nitroaniline	0.045	U	0.39	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
N-Nitrosodiphenylamine	0.032	U	0.39	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
4-Bromophenyl phenyl ether	0.016	U	0.39	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Hexachlorobenzene	0.019	U	0.039	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Phenanthrene	**0.065**	**J**	0.39	0.0069	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Anthracene	**0.013**	**J**	0.39	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Carbazole	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Di-n-butyl phthalate	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Fluoranthene	**0.15**	**J**	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Pyrene	**0.12**	**J**	0.39	0.0097	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Butyl benzyl phthalate	0.018	U	0.39	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Benzo[a]anthracene	**0.076**		0.039	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Chrysene	**0.089**	**J**	0.39	0.0066	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Bis(2-ethylhexyl) phthalate	0.021	U	0.39	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Di-n-octyl phthalate	0.021	U	0.39	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Benzo[b]fluoranthene	**0.11**		0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Benzo[k]fluoranthene	**0.043**		0.039	0.0077	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Benzo[a]pyrene	**0.074**		0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Indeno[1,2,3-cd]pyrene	**0.054**		0.039	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Dibenz(a,h)anthracene	0.017	U	0.039	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Benzo[g,h,i]perylene	**0.043**	**J**	0.39	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
2,2'-oxybis[1-chloropropane]	0.0071	U	0.39	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
3,3'-Dichlorobenzidine	0.059	U	0.16	0.059	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1
Bis(2-chloroethoxy)methane	0.031	U	0.39	0.031	mg/Kg	☼	10/31/21 17:38	11/01/21 14:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.0*	*A J*	*mg/Kg*	☼	*3.09*		*10/31/21 17:38*	*11/01/21 14:43*	*1*
Unknown	*0.83*	*J*	*mg/Kg*	☼	*3.20*		*10/31/21 17:38*	*11/01/21 14:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*62*		*11 - 104*	*10/31/21 17:38*	*11/01/21 14:43*	*1*
Phenol-d5	*83*		*15 - 100*	*10/31/21 17:38*	*11/01/21 14:43*	*1*
Terphenyl-d14	*66*		*12 - 126*	*10/31/21 17:38*	*11/01/21 14:43*	*1*
2,4,6-Tribromophenol	*79*		*10 - 123*	*10/31/21 17:38*	*11/01/21 14:43*	*1*
2-Fluorophenol	*82*		*10 - 105*	*10/31/21 17:38*	*11/01/21 14:43*	*1*
2-Fluorobiphenyl	*66*		*14 - 103*	*10/31/21 17:38*	*11/01/21 14:43*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0012	U	0.0079	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
alpha-BHC	0.00081	U	0.0024	0.00081	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
beta-BHC	0.00089	U	0.0024	0.00089	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
delta-BHC	0.00049	U	0.0024	0.00049	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
gamma-BHC (Lindane)	0.00073	U	0.0024	0.00073	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Chlordane (technical)	0.019	U	0.079	0.019	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
4,4'-DDD	0.0013	U	0.0079	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
4,4'-DDE	0.00094	U	0.0079	0.00094	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1

Client Sample ID: SB-1
Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1
Matrix: Solid
Percent Solids: 84.5

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0015	U	0.0079	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Dieldrin	0.0010	U	0.0024	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endosulfan I	0.0012	U	0.0079	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endosulfan II	0.0020	U	0.0079	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endosulfan sulfate	0.00099	U	0.0079	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endrin	0.0011	U	0.0079	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endrin aldehyde	0.0019	U	0.0079	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Endrin ketone	0.0015	U	0.0079	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Heptachlor	0.00094	U	0.0079	0.00094	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Heptachlor epoxide	0.0012	U	0.0079	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Methoxychlor	0.0018	U	0.0079	0.0018	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1
Toxaphene	0.029	U	0.079	0.029	mg/Kg	☼	10/31/21 09:13	11/01/21 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*29*		*10 - 133*	*10/31/21 09:13*	*11/01/21 15:56*	*1*
Tetrachloro-m-xylene	*30*		*10 - 133*	*10/31/21 09:13*	*11/01/21 15:56*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 150*	*10/31/21 09:13*	*11/01/21 15:56*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 150*	*10/31/21 09:13*	*11/01/21 15:56*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1221	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1232	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1242	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1248	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1254	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1260	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
PCB-1262	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1
Aroclor 1268	0.021	U	0.079	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*127*		*37 - 150*	*10/31/21 09:10*	*11/02/21 16:33*	*1*
DCB Decachlorobiphenyl	*134*		*37 - 150*	*10/31/21 09:10*	*11/02/21 16:33*	*1*
Tetrachloro-m-xylene	*48*	*S1-*	*54 - 150*	*10/31/21 09:10*	*11/02/21 16:33*	*1*
Tetrachloro-m-xylene	*47*	*S1-*	*54 - 150*	*10/31/21 09:10*	*11/02/21 16:33*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	14	U	39	14	ug/Kg	☼	11/03/21 23:56	11/04/21 11:19	1
Silvex (2,4,5-TP)	4.1	U *+ *1	39	4.1	ug/Kg	☼	11/03/21 23:56	11/04/21 11:19	1
2,4,5-T	8.4	U	39	8.4	ug/Kg	☼	11/03/21 23:56	11/04/21 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:19*	*1*
2,4-Dichlorophenylacetic acid	*135*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:19*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.10	U	1.1	0.10	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Arsenic	**7.0**		1.1	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1

Client Sample ID: SB-1

Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1

Matrix: Solid
Percent Solids: 84.5

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**42.3**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Beryllium	**0.69**		0.46	0.065	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Cadmium	0.13	U	1.1	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Cobalt	**4.7**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Chromium	**29.4**		2.3	0.30	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Copper	**12.1**		2.3	0.42	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Manganese	**85.1**		4.6	0.46	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Nickel	**13.5**		2.3	0.54	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Lead	**10.9**		0.68	0.23	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Antimony	0.17	U	1.1	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Selenium	**0.21**	**J**	1.4	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Vanadium	**46.0**		2.3	0.23	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Zinc	**30.9**		9.1	3.5	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Aluminum	**17700**		22.8	6.3	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Sodium	**67.5**	**J**	114	52.0	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Magnesium	**2910**		114	11.6	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Potassium	**875**		114	13.8	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Calcium	**839**		114	20.2	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Iron	**30300**		68.3	23.0	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1
Thallium	**0.15**	**J**	0.46	0.047	mg/Kg	☼	11/04/21 03:52	11/04/21 11:30	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.019	0.0089	mg/Kg	☼	11/04/21 03:45	11/04/21 08:22	1

Client Sample ID: SB-2

Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2

Matrix: Solid
Percent Solids: 88.3

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Bromomethane	0.0013	U	0.0026	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Vinyl chloride	0.00072	U	0.0013	0.00072	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Chloroethane	0.00069	U	0.0013	0.00069	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Methylene Chloride	0.0015	U	0.0026	0.0015	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Acetone	**0.20**		0.0079	0.0076	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Carbon disulfide	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1-Dichloroethene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
cis-1,2-Dichloroethene	0.00047	U	0.0013	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2-Dichloroethane	0.00039	U	0.0013	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
2-Butanone (MEK)	**0.0049**	**J**	0.0066	0.00049	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Carbon tetrachloride	0.00051	U	0.0013	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1

Client Sample ID: SB-2

Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2

Matrix: Solid
Percent Solids: 88.3

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Trichloroethene	0.00042	U	0.0013	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Bromoform	0.00056	U	0.0013	0.00056	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0066	0.0021	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
2-Hexanone	0.0023	U	0.0066	0.0023	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Tetrachloroethene	0.00040	U	0.0013	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Toluene	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Chlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Xylenes, Total	0.00085	U	0.0026	0.00085	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Methyl tert-butyl ether	0.00068	U	0.0013	0.00068	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Cyclohexane	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2,4-Trichlorobenzene	0.00047	U	0.0013	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,4-Dioxane	0.012	U	0.026	0.012	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Chlorobromomethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Methyl acetate	0.0057	U	0.0066	0.0057	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1
Methylcyclohexane	0.00066	U	0.0013	0.00066	mg/Kg	☼	10/30/21 04:39	11/02/21 22:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 22:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 145*	*10/30/21 04:39*	*11/02/21 22:26*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*10/30/21 04:39*	*11/02/21 22:26*	*1*
4-Bromofluorobenzene	*104*		*70 - 139*	*10/30/21 04:39*	*11/02/21 22:26*	*1*
Dibromofluoromethane (Surr)	*108*		*48 - 150*	*10/30/21 04:39*	*11/02/21 22:26*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Chlorophenol	0.013	U	0.37	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Methylphenol	0.014	U	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Methylphenol	0.023	U	0.37	0.023	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Nitrophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,4-Dimethylphenol	0.016	U	0.37	0.016	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1

Client Sample ID: SB-2

Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2

Matrix: Solid
Percent Solids: 88.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	0.024	U	0.15	0.024	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Chloro-3-methylphenol	0.021	U	0.37	0.021	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,4,6-Trichlorophenol	0.048	U	0.15	0.048	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,4,5-Trichlorophenol	0.038	U	0.37	0.038	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,4-Dinitrotoluene	0.040	U	0.076	0.040	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Nitrophenol	0.061	U	0.76	0.061	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Pentachlorophenol	0.077	U	0.30	0.077	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Bis(2-chloroethyl)ether	0.013	U	0.037	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
1,3-Dichlorobenzene	0.0050	U	0.37	0.0050	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
1,4-Dichlorobenzene	0.014	U	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
1,2-Dichlorobenzene	0.0064	U	0.37	0.0064	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Hexachloroethane	0.013	U	0.037	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Nitrobenzene	0.0090	U	0.037	0.0090	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Isophorone	0.11	U	0.15	0.11	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Naphthalene	**0.0095**	**J**	0.37	0.0065	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Hexachlorobutadiene	0.0080	U	0.076	0.0080	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Methylnaphthalene	0.010	U	0.37	0.010	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Hexachlorocyclopentadiene	0.033	U	0.37	0.033	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Chloronaphthalene	0.017	U	0.37	0.017	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2-Nitroaniline	0.014	U	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Dimethyl phthalate	0.085	U	0.37	0.085	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Acenaphthylene	**0.0096**	**J**	0.37	0.0038	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,6-Dinitrotoluene	0.027	U	0.076	0.027	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
3-Nitroaniline	0.042	U	0.37	0.042	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Acenaphthene	**0.014**	**J**	0.37	0.011	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Dibenzofuran	**0.0066**	**J**	0.37	0.0053	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,4-Dinitrophenol	0.18	U	0.30	0.18	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Diethyl phthalate	0.0054	U	0.37	0.0054	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Fluorene	**0.013**	**J**	0.37	0.0051	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Nitroaniline	0.043	U	0.37	0.043	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
N-Nitrosodiphenylamine	0.031	U	0.37	0.031	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
4-Bromophenyl phenyl ether	0.015	U	0.37	0.015	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Hexachlorobenzene	0.018	U	0.037	0.018	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Phenanthrene	**0.18**	**J**	0.37	0.0066	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Anthracene	**0.034**	**J**	0.37	0.011	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Carbazole	**0.020**	**J**	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Di-n-butyl phthalate	0.014	U	0.37	0.014	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Fluoranthene	**0.34**	**J**	0.37	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Pyrene	**0.29**	**J**	0.37	0.0093	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Butyl benzyl phthalate	0.018	U	0.37	0.018	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Benzo[a]anthracene	**0.17**		0.037	0.013	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Chrysene	**0.18**	**J**	0.37	0.0063	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Bis(2-ethylhexyl) phthalate	**0.098**	**J**	0.37	0.020	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Di-n-octyl phthalate	0.020	U	0.37	0.020	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Benzo[b]fluoranthene	**0.22**		0.037	0.0097	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1

Client Sample ID: SB-2
Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2
Matrix: Solid
Percent Solids: 88.3

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**0.083**		0.037	0.0073	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Benzo[a]pyrene	**0.16**		0.037	0.010	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.037	0.015	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Dibenz(a,h)anthracene	**0.025**	**J**	0.037	0.016	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Benzo[g,h,i]perylene	**0.084**	**J**	0.37	0.011	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
3,3'-Dichlorobenzidine	0.057	U	0.15	0.057	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1
Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029	mg/Kg	☼	10/31/21 17:38	11/02/21 15:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*2.9*	*A J*	*mg/Kg*	☼	*2.14*		*10/31/21 17:38*	*11/02/21 15:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*99*		*11 - 104*	*10/31/21 17:38*	*11/02/21 15:20*	*1*
Phenol-d5	*105*	*S1+*	*15 - 100*	*10/31/21 17:38*	*11/02/21 15:20*	*1*
Terphenyl-d14	*100*		*12 - 126*	*10/31/21 17:38*	*11/02/21 15:20*	*1*
2,4,6-Tribromophenol	*102*		*10 - 123*	*10/31/21 17:38*	*11/02/21 15:20*	*1*
2-Fluorophenol	*105*		*10 - 105*	*10/31/21 17:38*	*11/02/21 15:20*	*1*
2-Fluorobiphenyl	*98*		*14 - 103*	*10/31/21 17:38*	*11/02/21 15:20*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0011	U	0.0076	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
alpha-BHC	0.00077	U	0.0023	0.00077	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
beta-BHC	0.00085	U	0.0023	0.00085	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
delta-BHC	0.00046	U	0.0023	0.00046	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Chlordane (technical)	0.018	U	0.076	0.018	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
4,4'-DDD	0.0013	U	0.0076	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
4,4'-DDE	0.00089	U	0.0076	0.00089	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
4,4'-DDT	0.0014	U	0.0076	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Dieldrin	0.00099	U	0.0023	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endosulfan I	0.0012	U	0.0076	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endosulfan II	0.0019	U	0.0076	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endosulfan sulfate	0.00095	U	0.0076	0.00095	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endrin	0.0011	U	0.0076	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endrin aldehyde	0.0018	U	0.0076	0.0018	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Endrin ketone	0.0015	U	0.0076	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Heptachlor	0.00089	U	0.0076	0.00089	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Heptachlor epoxide	0.0011	U	0.0076	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Methoxychlor	0.0017	U	0.0076	0.0017	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1
Toxaphene	0.027	U	0.076	0.027	mg/Kg	☼	10/31/21 09:13	11/01/21 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*20*		*10 - 133*	*10/31/21 09:13*	*11/01/21 17:59*	*1*
Tetrachloro-m-xylene	*35*		*10 - 133*	*10/31/21 09:13*	*11/01/21 17:59*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 150*	*10/31/21 09:13*	*11/01/21 17:59*	*1*
DCB Decachlorobiphenyl	*75*		*10 - 150*	*10/31/21 09:13*	*11/01/21 17:59*	*1*

Client Sample ID: SB-2

Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2

Matrix: Solid
Percent Solids: 88.3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1221	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1232	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1242	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1248	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1254	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1260	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
PCB-1262	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1
Aroclor 1268	0.020	U	0.076	0.020	mg/Kg	☼	10/31/21 09:10	11/02/21 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*137*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:23*	*1*
DCB Decachlorobiphenyl	*144*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:23*	*1*
Tetrachloro-m-xylene	*37*	*S1-*	*54 - 150*	*10/31/21 09:10*	*11/02/21 17:23*	*1*
Tetrachloro-m-xylene	*36*	*S1-*	*54 - 150*	*10/31/21 09:10*	*11/02/21 17:23*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	14	U	38	14	ug/Kg	☼	11/03/21 23:56	11/04/21 11:33	1
Silvex (2,4,5-TP)	3.9	U *+ *1	38	3.9	ug/Kg	☼	11/03/21 23:56	11/04/21 11:33	1
2,4,5-T	8.0	U	38	8.0	ug/Kg	☼	11/03/21 23:56	11/04/21 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*98*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:33*	*1*
2,4-Dichlorophenylacetic acid	*145*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:33*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.092	U	1.0	0.092	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Arsenic	**6.6**		1.0	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Barium	**58.4**		2.1	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Beryllium	**0.77**		0.42	0.059	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Cadmium	0.12	U	1.0	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Cobalt	**7.6**		2.1	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Chromium	**33.0**		2.1	0.28	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Copper	**16.2**		2.1	0.38	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Manganese	**179**		4.2	0.42	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Nickel	**13.7**		2.1	0.49	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Lead	**16.7**		0.62	0.21	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Antimony	0.15	U	1.0	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Selenium	**0.25**	**J**	1.3	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Vanadium	**45.3**		2.1	0.21	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Zinc	**40.9**		8.3	3.2	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Aluminum	**16700**		20.8	5.7	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Sodium	**120**		104	47.5	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Magnesium	**3110**		104	10.6	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Potassium	**1390**		104	12.6	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Calcium	**1060**		104	18.4	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Iron	**26600**		62.3	21.0	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1
Thallium	**0.14**	**J**	0.42	0.043	mg/Kg	☼	11/04/21 03:52	11/04/21 11:33	1

Client Sample ID: SB-2

Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2

Matrix: Solid
Percent Solids: 88.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072		0.018	0.0085	mg/Kg	☼	11/04/21 03:45	11/04/21 08:24	1

Client Sample ID: HA-1

Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3

Matrix: Solid
Percent Solids: 79.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00061	U	0.0014	0.00061	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Bromomethane	0.0014	U	0.0028	0.0014	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Vinyl chloride	0.00077	U	0.0014	0.00077	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Chloroethane	0.00074	U	0.0014	0.00074	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Methylene Chloride	0.0016	U	0.0028	0.0016	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Acetone	0.0081	U	0.0085	0.0081	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Carbon disulfide	0.00038	U	0.0014	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Trichlorofluoromethane	0.00057	U	0.0014	0.00057	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1-Dichloroethene	0.00032	U	0.0014	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1-Dichloroethane	0.00029	U	0.0014	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
trans-1,2-Dichloroethene	0.00035	U	0.0014	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
cis-1,2-Dichloroethene	0.00051	U	0.0014	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2-Dichloroethane	0.00042	U	0.0014	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
2-Butanone (MEK)	0.00052	U *-	0.0071	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1,1-Trichloroethane	0.00033	U	0.0014	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Carbon tetrachloride	0.00055	U	0.0014	0.00055	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Dichlorobromomethane	0.00036	U	0.0014	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2-Dichloropropane	0.00060	U	0.0014	0.00060	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Trichloroethene	0.00045	U	0.0014	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Chlorodibromomethane	0.00027	U	0.0014	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1,2-Trichloroethane	0.00025	U	0.0014	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Benzene	0.00036	U	0.0014	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Bromoform	0.00060	U	0.0014	0.00060	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
4-Methyl-2-pentanone (MIBK)	0.0022	U *-	0.0071	0.0022	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
2-Hexanone	0.0024	U	0.0071	0.0024	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Tetrachloroethene	0.00043	U	0.0014	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1,2,2-Tetrachloroethane	0.00030	U	0.0014	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Toluene	0.00033	U	0.0014	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Chlorobenzene	0.00025	U *-	0.0014	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Ethylbenzene	0.00028	U	0.0014	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Styrene	0.00039	U	0.0014	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Xylenes, Total	0.00091	U	0.0028	0.00091	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Methyl tert-butyl ether	0.00072	U	0.0014	0.00072	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Cyclohexane	0.00031	U	0.0014	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Ethylene Dibromide	0.00025	U	0.0014	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,3-Dichlorobenzene	0.00052	U	0.0014	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2-Dichlorobenzene	0.00051	U	0.0014	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1

Client Sample ID: HA-1

Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3

Matrix: Solid
Percent Solids: 79.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.00048	U	0.0014	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2,4-Trichlorobenzene	0.00051	U	0.0014	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,4-Dioxane	0.013	U	0.028	0.013	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
1,2-Dibromo-3-Chloropropane	0.00065	U	0.0014	0.00065	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Chlorobromomethane	0.00040	U	0.0014	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Isopropylbenzene	0.00040	U	0.0014	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Methyl acetate	0.0061	U	0.0071	0.0061	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1
Methylcyclohexane	0.00071	U	0.0014	0.00071	mg/Kg	☼	10/30/21 04:39	11/02/21 16:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 16:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 145*	*10/30/21 04:39*	*11/02/21 16:18*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*	*10/30/21 04:39*	*11/02/21 16:18*	*1*
4-Bromofluorobenzene	*99*		*70 - 139*	*10/30/21 04:39*	*11/02/21 16:18*	*1*
Dibromofluoromethane (Surr)	*104*		*48 - 150*	*10/30/21 04:39*	*11/02/21 16:18*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Chlorophenol	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Methylphenol	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Methylphenol	0.026	U	0.42	0.026	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Nitrophenol	0.042	U	0.42	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4-Dimethylphenol	0.018	U	0.42	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4-Dichlorophenol	0.027	U	0.17	0.027	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Chloro-3-methylphenol	0.023	U	0.42	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4,6-Trichlorophenol	0.053	U	0.17	0.053	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4,5-Trichlorophenol	0.042	U	0.42	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4-Dinitrotoluene	0.045	U	0.084	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Nitrophenol	0.068	U	0.84	0.068	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Pentachlorophenol	0.085	U	0.33	0.085	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Bis(2-chloroethyl)ether	0.014	U	0.042	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
1,3-Dichlorobenzene	0.0055	U	0.42	0.0055	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
1,4-Dichlorobenzene	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
1,2-Dichlorobenzene	0.0071	U	0.42	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
N-Nitrosodi-n-propylamine	0.030	U	0.042	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Hexachloroethane	0.014	U	0.042	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Nitrobenzene	0.010	U	0.042	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Isophorone	0.12	U	0.17	0.12	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
1,2,4-Trichlorobenzene	0.011	U	0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Naphthalene	**0.035**	**J**	0.42	0.0072	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Hexachlorobutadiene	0.0089	U	0.084	0.0089	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Methylnaphthalene	**0.014**	**J**	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Hexachlorocyclopentadiene	0.037	U	0.42	0.037	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Chloronaphthalene	0.019	U	0.42	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2-Nitroaniline	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1

Client Sample ID: HA-1

Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3

Matrix: Solid
Percent Solids: 79.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.095	U	0.42	0.095	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Acenaphthylene	**0.0091**	**J**	0.42	0.0042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,6-Dinitrotoluene	0.030	U	0.084	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
3-Nitroaniline	0.047	U	0.42	0.047	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Acenaphthene	0.012	U	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Dibenzofuran	**0.010**	**J**	0.42	0.0058	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,4-Dinitrophenol	0.20	U	0.33	0.20	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Diethyl phthalate	0.0060	U	0.42	0.0060	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Chlorophenyl phenyl ether	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Fluorene	**0.0088**	**J**	0.42	0.0056	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Nitroaniline	0.048	U	0.42	0.048	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
N-Nitrosodiphenylamine	0.034	U	0.42	0.034	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
4-Bromophenyl phenyl ether	0.017	U	0.42	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Hexachlorobenzene	0.020	U	0.042	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Phenanthrene	**0.12**	**J**	0.42	0.0073	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Anthracene	**0.020**	**J**	0.42	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Carbazole	**0.017**	**J**	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Di-n-butyl phthalate	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Fluoranthene	**0.22**	**J**	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Pyrene	**0.21**	**J**	0.42	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Butyl benzyl phthalate	0.020	U	0.42	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Benzo[a]anthracene	**0.12**		0.042	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Chrysene	**0.14**	**J**	0.42	0.0070	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Bis(2-ethylhexyl) phthalate	**0.12**	**J**	0.42	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Di-n-octyl phthalate	0.022	U	0.42	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Benzo[b]fluoranthene	**0.20**		0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Benzo[k]fluoranthene	**0.060**		0.042	0.0082	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Benzo[a]pyrene	**0.11**		0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Indeno[1,2,3-cd]pyrene	**0.093**		0.042	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Dibenz(a,h)anthracene	**0.031**	**J**	0.042	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Benzo[g,h,i]perylene	**0.084**	**J**	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
2,2'-oxybis[1-chloropropane]	0.0075	U	0.42	0.0075	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
3,3'-Dichlorobenzidine	0.063	U	0.17	0.063	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1
Bis(2-chloroethoxy)methane	0.032	U	0.42	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 18:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.51*	*J*	*mg/Kg*	☼	*1.81*		*10/31/21 17:38*	*11/01/21 18:36*	*1*
Unknown	*0.51*	*J*	*mg/Kg*	☼	*3.06*		*10/31/21 17:38*	*11/01/21 18:36*	*1*
Aldol condensation product	*1.1*	*A J*	*mg/Kg*	☼	*3.16*		*10/31/21 17:38*	*11/01/21 18:36*	*1*
n-Hexadecanoic acid	*0.63*	*J N*	*mg/Kg*	☼	*9.32*	*57-10-3*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
Unknown	*0.69*	*J*	*mg/Kg*	☼	*9.88*		*10/31/21 17:38*	*11/01/21 18:36*	*1*
9,17-Octadecadienal, (Z)-	*0.60*	*J N*	*mg/Kg*	☼	*9.99*	*56554-35-9*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
Unknown	*0.72*	*J*	*mg/Kg*	☼	*12.14*		*10/31/21 17:38*	*11/01/21 18:36*	*1*
1-Docosene	*2.2*	*J N*	*mg/Kg*	☼	*13.10*	*1599-67-3*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
1,19-Eicosadiene	*1.1*	*J N*	*mg/Kg*	☼	*13.82*	*14811-95-1*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
Tetratetracontane	*0.57*	*J N*	*mg/Kg*	☼	*14.11*	*7098-22-8*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
1-Hexacosanol	*2.1*	*J N*	*mg/Kg*	☼	*14.15*	*506-52-5*	*10/31/21 17:38*	*11/01/21 18:36*	*1*
Cholesta-6,22,24-triene, 4,4-dimethyl-	*0.39*	*J N*	*mg/Kg*	☼	*15.24*	*1000128-66-9*	*10/31/21 17:38*	*11/01/21 18:36*	*1*

Client Sample ID: HA-1
Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3
Matrix: Solid
Percent Solids: 79.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Stigmasterol, 22,23-dihydro-	2.7	J N	mg/Kg	☼	15.67	1000214-20-7	10/31/21 17:38	11/01/21 18:36	1
Stigmast-4-en-3-one	1.3	J N	mg/Kg	☼	16.73	1058-61-3	10/31/21 17:38	11/01/21 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	64		11 - 104	10/31/21 17:38	11/01/21 18:36	1
Phenol-d5	69		15 - 100	10/31/21 17:38	11/01/21 18:36	1
Terphenyl-d14	78		12 - 126	10/31/21 17:38	11/01/21 18:36	1
2,4,6-Tribromophenol	80		10 - 123	10/31/21 17:38	11/01/21 18:36	1
2-Fluorophenol	74		10 - 105	10/31/21 17:38	11/01/21 18:36	1
2-Fluorobiphenyl	72		14 - 103	10/31/21 17:38	11/01/21 18:36	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
alpha-BHC	0.00086	U	0.0025	0.00086	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
beta-BHC	0.00094	U	0.0025	0.00094	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
delta-BHC	0.00052	U	0.0025	0.00052	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Chlordane (technical)	0.020	U	0.084	0.020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
4,4'-DDD	0.0014	U	0.0084	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
4,4'-DDE	0.00099	U	0.0084	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
4,4'-DDT	0.0015	U	0.0084	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Dieldrin	0.0011	U	0.0025	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endosulfan I	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endosulfan II	0.0022	U	0.0084	0.0022	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endosulfan sulfate	0.0011	U	0.0084	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endrin	0.0012	U	0.0084	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endrin aldehyde	0.0020	U	0.0084	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Endrin ketone	0.0016	U	0.0084	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Heptachlor	0.00099	U	0.0084	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Heptachlor epoxide	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Methoxychlor	0.0019	U	0.0084	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1
Toxaphene	0.030	U	0.084	0.030	mg/Kg	☼	10/31/21 09:13	11/01/21 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	41		10 - 133	10/31/21 09:13	11/01/21 18:11	1
Tetrachloro-m-xylene	43		10 - 133	10/31/21 09:13	11/01/21 18:11	1
DCB Decachlorobiphenyl	95		10 - 150	10/31/21 09:13	11/01/21 18:11	1
DCB Decachlorobiphenyl	77		10 - 150	10/31/21 09:13	11/01/21 18:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1221	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1232	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1242	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1248	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1254	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1260	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1

Client Sample ID: HA-1

Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3

Matrix: Solid
Percent Solids: 79.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1262	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1
Aroclor 1268	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*126*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:40*	*1*
DCB Decachlorobiphenyl	*123*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:40*	*1*
Tetrachloro-m-xylene	*62*		*54 - 150*	*10/31/21 09:10*	*11/02/21 17:40*	*1*
Tetrachloro-m-xylene	*56*		*54 - 150*	*10/31/21 09:10*	*11/02/21 17:40*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	15	U	42	15	ug/Kg	☼	11/03/21 23:56	11/04/21 11:46	1
Silvex (2,4,5-TP)	4.4	U *+ *1	42	4.4	ug/Kg	☼	11/03/21 23:56	11/04/21 11:46	1
2,4,5-T	8.9	U	42	8.9	ug/Kg	☼	11/03/21 23:56	11/04/21 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*85*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:46*	*1*
2,4-Dichlorophenylacetic acid	*115*		*65 - 150*	*11/03/21 23:56*	*11/04/21 11:46*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**5.6**		1.2	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Arsenic	**7.3**		1.2	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Barium	**167**		2.4	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Beryllium	**0.90**		0.48	0.068	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Cadmium	**1.6**		1.2	0.14	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Cobalt	**9.4**		2.4	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Chromium	**48.5**		2.4	0.32	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Copper	**97.3**		2.4	0.44	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Manganese	**685**		4.8	0.48	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Nickel	**19.2**		2.4	0.56	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Lead	**115**		0.72	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Antimony	**1.0**	**J**	1.2	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Selenium	**0.79**	**J**	1.5	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Vanadium	**34.6**		2.4	0.25	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Zinc	**232**		9.6	3.7	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Aluminum	**13300**		24.0	6.6	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Sodium	**57.4**	**J**	120	54.8	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Magnesium	**2130**		120	12.2	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Potassium	**1200**		120	14.5	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Calcium	**3390**		120	21.2	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Iron	**18600**		71.9	24.2	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1
Thallium	**0.20**	**J**	0.48	0.049	mg/Kg	☼	11/04/21 03:52	11/04/21 11:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.33**		0.021	0.0097	mg/Kg	☼	11/04/21 03:45	11/04/21 08:26	1

Client Sample ID: HA-2

Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4

Matrix: Solid
Percent Solids: 79.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00062	U	0.0014	0.00062	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Bromomethane	0.0014	U	0.0029	0.0014	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Vinyl chloride	0.00078	U	0.0014	0.00078	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Chloroethane	0.00075	U	0.0014	0.00075	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Methylene Chloride	0.0016	U	0.0029	0.0016	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Acetone	**0.25**		0.0086	0.0082	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Carbon disulfide	0.00038	U	0.0014	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Trichlorofluoromethane	0.00058	U	0.0014	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1-Dichloroethene	0.00032	U	0.0014	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1-Dichloroethane	0.00030	U	0.0014	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
trans-1,2-Dichloroethene	0.00035	U	0.0014	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
cis-1,2-Dichloroethene	0.00051	U	0.0014	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2-Dichloroethane	0.00042	U	0.0014	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
2-Butanone (MEK)	0.00053	U *-	0.0072	0.00053	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1,1-Trichloroethane	0.00033	U	0.0014	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Carbon tetrachloride	0.00055	U	0.0014	0.00055	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Dichlorobromomethane	0.00037	U	0.0014	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2-Dichloropropane	0.00061	U	0.0014	0.00061	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Trichloroethene	0.00046	U	0.0014	0.00046	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Chlorodibromomethane	0.00028	U	0.0014	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1,2-Trichloroethane	0.00026	U	0.0014	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Benzene	0.00037	U	0.0014	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Bromoform	0.00061	U	0.0014	0.00061	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
4-Methyl-2-pentanone (MIBK)	0.0022	U *-	0.0072	0.0022	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
2-Hexanone	0.0025	U	0.0072	0.0025	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Tetrachloroethene	0.00044	U	0.0014	0.00044	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1,2,2-Tetrachloroethane	0.00031	U	0.0014	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Toluene	0.00034	U	0.0014	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Chlorobenzene	0.00025	U *-	0.0014	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Ethylbenzene	0.00029	U	0.0014	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Styrene	0.00040	U	0.0014	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Xylenes, Total	0.00092	U	0.0029	0.00092	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Methyl tert-butyl ether	0.00073	U	0.0014	0.00073	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Cyclohexane	0.00032	U	0.0014	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Ethylene Dibromide	0.00026	U	0.0014	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,3-Dichlorobenzene	0.00052	U	0.0014	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2-Dichlorobenzene	0.00052	U	0.0014	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Dichlorodifluoromethane	0.00048	U	0.0014	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2,4-Trichlorobenzene	0.00051	U	0.0014	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,4-Dioxane	0.013	U	0.029	0.013	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
1,2-Dibromo-3-Chloropropane	0.00066	U	0.0014	0.00066	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Chlorobromomethane	0.00040	U	0.0014	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Isopropylbenzene	0.00041	U	0.0014	0.00041	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1

Client Sample ID: HA-2

Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4

Matrix: Solid
Percent Solids: 79.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	0.0062	U	0.0072	0.0062	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1
Methylcyclohexane	0.00072	U	0.0014	0.00072	mg/Kg	☼	10/30/21 04:39	11/02/21 16:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 16:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*10/30/21 04:39*	*11/02/21 16:40*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*	*10/30/21 04:39*	*11/02/21 16:40*	*1*
4-Bromofluorobenzene	*96*		*70 - 139*	*10/30/21 04:39*	*11/02/21 16:40*	*1*
Dibromofluoromethane (Surr)	*100*		*48 - 150*	*10/30/21 04:39*	*11/02/21 16:40*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Chlorophenol	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Methylphenol	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Methylphenol	0.026	U	0.41	0.026	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Nitrophenol	0.042	U	0.41	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4-Dimethylphenol	0.018	U	0.41	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4-Dichlorophenol	0.027	U	0.17	0.027	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Chloro-3-methylphenol	0.023	U	0.41	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4,6-Trichlorophenol	0.053	U	0.17	0.053	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4,5-Trichlorophenol	0.042	U	0.41	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4-Dinitrotoluene	0.045	U	0.084	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Nitrophenol	0.068	U	0.84	0.068	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Pentachlorophenol	0.085	U	0.33	0.085	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Bis(2-chloroethyl)ether	0.014	U	0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
1,3-Dichlorobenzene	0.0055	U	0.41	0.0055	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
1,4-Dichlorobenzene	0.016	U	0.41	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
1,2-Dichlorobenzene	0.0071	U	0.41	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
N-Nitrosodi-n-propylamine	0.030	U	0.041	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Hexachloroethane	0.014	U	0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Nitrobenzene	0.010	U	0.041	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Isophorone	0.12	U	0.17	0.12	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
1,2,4-Trichlorobenzene	0.011	U	0.041	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Naphthalene	**0.028**	**J**	0.41	0.0072	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Hexachlorobutadiene	0.0088	U	0.084	0.0088	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Methylnaphthalene	0.012	U	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Hexachlorocyclopentadiene	0.036	U	0.41	0.036	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Chloronaphthalene	0.019	U	0.41	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2-Nitroaniline	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Dimethyl phthalate	0.094	U	0.41	0.094	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Acenaphthylene	**0.0055**	**J**	0.41	0.0042	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,6-Dinitrotoluene	0.030	U	0.084	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
3-Nitroaniline	0.047	U	0.41	0.047	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Acenaphthene	0.012	U	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Dibenzofuran	**0.0067**	**J**	0.41	0.0058	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,4-Dinitrophenol	0.20	U	0.33	0.20	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1

Client Sample ID: HA-2

Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4

Matrix: Solid
Percent Solids: 79.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.0060	U	0.41	0.0060	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Chlorophenyl phenyl ether	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Fluorene	0.0056	U	0.41	0.0056	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Nitroaniline	0.048	U	0.41	0.048	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
N-Nitrosodiphenylamine	0.034	U	0.41	0.034	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
4-Bromophenyl phenyl ether	0.016	U	0.41	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Hexachlorobenzene	0.020	U	0.041	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Phenanthrene	**0.086**	**J**	0.41	0.0073	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Anthracene	0.013	U	0.41	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Carbazole	0.016	U	0.41	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Di-n-butyl phthalate	0.016	U	0.41	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Fluoranthene	**0.15**	**J**	0.41	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Pyrene	**0.14**	**J**	0.41	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Butyl benzyl phthalate	0.019	U	0.41	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Benzo[a]anthracene	**0.083**		0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Chrysene	**0.087**	**J**	0.41	0.0070	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Bis(2-ethylhexyl) phthalate	**0.13**	**J**	0.41	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Di-n-octyl phthalate	0.022	U	0.41	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Benzo[b]fluoranthene	**0.13**		0.041	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Benzo[k]fluoranthene	**0.044**		0.041	0.0081	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Benzo[a]pyrene	**0.075**		0.041	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Indeno[1,2,3-cd]pyrene	**0.067**		0.041	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Dibenz(a,h)anthracene	**0.027**	**J**	0.041	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Benzo[g,h,i]perylene	**0.062**	**J**	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
2,2'-oxybis[1-chloropropane]	0.0075	U	0.41	0.0075	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
3,3'-Dichlorobenzidine	0.063	U	0.17	0.063	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1
Bis(2-chloroethoxy)methane	0.032	U	0.41	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 18:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.91*	*J*	*mg/Kg*	☼	*3.08*		*10/31/21 17:38*	*11/01/21 18:59*	*1*
Aldol condensation product	*1.8*	*A J*	*mg/Kg*	☼	*3.13*		*10/31/21 17:38*	*11/01/21 18:59*	*1*
n-Hexadecanoic acid	*0.62*	*J N*	*mg/Kg*	☼	*9.32*	*57-10-3*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Bicyclo[10.8.0]eicosane, cis-	*0.46*	*J N*	*mg/Kg*	☼	*11.05*	*1000155-82-2*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
1-Heneicosyl formate	*0.54*	*J N*	*mg/Kg*	☼	*11.29*	*77899-03-7*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Pentadecanal-	*0.34*	*J N*	*mg/Kg*	☼	*11.86*	*2765-11-9*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Unknown	*0.85*	*J*	*mg/Kg*	☼	*12.14*		*10/31/21 17:38*	*11/01/21 18:59*	*1*
1-Hexacosanol	*2.9*	*J N*	*mg/Kg*	☼	*13.10*	*506-52-5*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Unknown	*0.48*	*J*	*mg/Kg*	☼	*13.49*		*10/31/21 17:38*	*11/01/21 18:59*	*1*
Oxirane, heptadecyl-	*1.0*	*J N*	*mg/Kg*	☼	*13.82*	*67860-04-2*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Octacosane	*1.3*	*J N*	*mg/Kg*	☼	*14.11*	*630-02-4*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
1-Docosene	*2.2*	*J N*	*mg/Kg*	☼	*14.15*	*1599-67-3*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
2-Nonacosanone	*0.37*	*J N*	*mg/Kg*	☼	*14.23*	*17600-99-6*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Stigmasterol	*0.57*	*J N*	*mg/Kg*	☼	*15.24*	*83-48-7*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Unknown	*0.43*	*J*	*mg/Kg*	☼	*15.32*		*10/31/21 17:38*	*11/01/21 18:59*	*1*
.beta.-Sitosterol	*2.6*	*J N*	*mg/Kg*	☼	*15.67*	*83-46-5*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Stigmast-4-en-3-one	*0.94*	*J N*	*mg/Kg*	☼	*16.73*	*1058-61-3*	*10/31/21 17:38*	*11/01/21 18:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*63*		*11 - 104*	*10/31/21 17:38*	*11/01/21 18:59*	*1*

Client Sample ID: HA-2
Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4
Matrix: Solid
Percent Solids: 79.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5	*71*		*15 - 100*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
Terphenyl-d14	*79*		*12 - 126*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
2,4,6-Tribromophenol	*80*		*10 - 123*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
2-Fluorophenol	*74*		*10 - 105*	*10/31/21 17:38*	*11/01/21 18:59*	*1*
2-Fluorobiphenyl	*71*		*14 - 103*	*10/31/21 17:38*	*11/01/21 18:59*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
alpha-BHC	0.00085	U	0.0025	0.00085	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
beta-BHC	0.00094	U	0.0025	0.00094	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
delta-BHC	0.00051	U	0.0025	0.00051	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Chlordane (technical)	0.020	U	0.084	0.020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
4,4'-DDD	0.0014	U	0.0084	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
4,4'-DDE	0.00099	U	0.0084	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
4,4'-DDT	0.0015	U	0.0084	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Dieldrin	0.0011	U	0.0025	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endosulfan I	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endosulfan II	0.0022	U	0.0084	0.0022	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endosulfan sulfate	0.0011	U	0.0084	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endrin	0.0012	U	0.0084	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endrin aldehyde	0.0020	U	0.0084	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Endrin ketone	0.0016	U	0.0084	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Heptachlor	0.00099	U	0.0084	0.00099	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Heptachlor epoxide	0.0013	U	0.0084	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Methoxychlor	0.0019	U	0.0084	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1
Toxaphene	0.030	U	0.084	0.030	mg/Kg	☼	10/31/21 09:13	11/01/21 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*35*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:24*	*1*
Tetrachloro-m-xylene	*38*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:24*	*1*
DCB Decachlorobiphenyl	*113*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:24*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:24*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1221	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1232	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1242	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1248	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1254	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1260	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
PCB-1262	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1
Aroclor 1268	0.022	U	0.084	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:56*	*1*
DCB Decachlorobiphenyl	*123*		*37 - 150*	*10/31/21 09:10*	*11/02/21 17:56*	*1*

Client Sample ID: HA-2

Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4

Matrix: Solid
Percent Solids: 79.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*57*		*54 - 150*	*10/31/21 09:10*	*11/02/21 17:56*	*1*
Tetrachloro-m-xylene	*55*		*54 - 150*	*10/31/21 09:10*	*11/02/21 17:56*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	15	U	42	15	ug/Kg	☼	11/03/21 23:56	11/04/21 12:00	1
Silvex (2,4,5-TP)	4.3	U *+ *1	42	4.3	ug/Kg	☼	11/03/21 23:56	11/04/21 12:00	1
2,4,5-T	8.9	U	42	8.9	ug/Kg	☼	11/03/21 23:56	11/04/21 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*48*	*S1-*	*65 - 150*	*11/03/21 23:56*	*11/04/21 12:00*	*1*
2,4-Dichlorophenylacetic acid	*106*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:00*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**1.2**		1.2	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Arsenic	**6.7**		1.2	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Barium	**103**		2.4	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Beryllium	**0.92**		0.47	0.067	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Cadmium	**0.45**	**J**	1.2	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Cobalt	**8.8**		2.4	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Chromium	**31.4**		2.4	0.32	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Copper	**31.7**		2.4	0.44	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Manganese	**576**		4.7	0.48	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Nickel	**25.5**		2.4	0.56	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Lead	**44.6**		0.71	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Antimony	**0.52**	**J**	1.2	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Selenium	**0.44**	**J**	1.5	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Vanadium	**35.4**		2.4	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Zinc	**80.2**		9.5	3.6	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Aluminum	**16000**		23.6	6.5	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Sodium	**72.4**	**J**	118	54.0	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Magnesium	**6220**		118	12.1	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Potassium	**661**		118	14.3	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Calcium	**7970**		118	20.9	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Iron	**20300**		70.9	23.9	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1
Thallium	**0.16**	**J**	0.47	0.048	mg/Kg	☼	11/04/21 03:52	11/04/21 11:37	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.17**		0.021	0.0099	mg/Kg	☼	11/04/21 03:45	11/04/21 08:28	1

Client Sample ID: HA-3

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5

Matrix: Solid
Percent Solids: 77.1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00058	U	0.0013	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Bromomethane	0.0013	U	0.0027	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1

Client Sample ID: HA-3

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5

Matrix: Solid
Percent Solids: 77.1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	0.00072	U	0.0013	0.00072	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Chloroethane	0.00069	U	0.0013	0.00069	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Methylene Chloride	0.0015	U	0.0027	0.0015	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Acetone	0.0076	U	0.0080	0.0076	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Carbon disulfide	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Trichlorofluoromethane	0.00054	U	0.0013	0.00054	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1-Dichloroethene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1-Dichloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
cis-1,2-Dichloroethene	0.00047	U	0.0013	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Chloroform	0.0013	U	0.0013	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2-Dichloroethane	0.00039	U	0.0013	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
2-Butanone (MEK)	0.00049	U *-	0.0066	0.00049	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Carbon tetrachloride	0.00051	U	0.0013	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Dichlorobromomethane	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2-Dichloropropane	0.00056	U	0.0013	0.00056	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Trichloroethene	0.00043	U	0.0013	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Chlorodibromomethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Benzene	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Bromoform	0.00056	U	0.0013	0.00056	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
4-Methyl-2-pentanone (MIBK)	0.0021	U *-	0.0066	0.0021	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
2-Hexanone	0.0023	U	0.0066	0.0023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Tetrachloroethene	0.00040	U	0.0013	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Toluene	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Chlorobenzene	0.00023	U *-	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Ethylbenzene	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Styrene	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Xylenes, Total	0.00085	U	0.0027	0.00085	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Methyl tert-butyl ether	0.00068	U	0.0013	0.00068	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Cyclohexane	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Ethylene Dibromide	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Dichlorodifluoromethane	0.00045	U	0.0013	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2,4-Trichlorobenzene	0.00047	U	0.0013	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,4-Dioxane	0.012	U	0.027	0.012	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Chlorobromomethane	0.00037	U	0.0013	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Isopropylbenzene	0.00038	U	0.0013	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Methyl acetate	0.0057	U	0.0066	0.0057	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1
Methylcyclohexane	0.00066	U	0.0013	0.00066	mg/Kg	☼	10/30/21 04:39	11/02/21 17:02	1

Client Sample ID: HA-3

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5

Matrix: Solid
Percent Solids: 77.1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/30/21 04:39	11/02/21 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 145	10/30/21 04:39	11/02/21 17:02	1
Toluene-d8 (Surr)	87		80 - 120	10/30/21 04:39	11/02/21 17:02	1
4-Bromofluorobenzene	95		70 - 139	10/30/21 04:39	11/02/21 17:02	1
Dibromofluoromethane (Surr)	99		48 - 150	10/30/21 04:39	11/02/21 17:02	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.016	U	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Chlorophenol	0.015	U	0.43	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Methylphenol	0.016	U	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Methylphenol	0.027	U	0.43	0.027	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Nitrophenol	0.043	U	0.43	0.043	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4-Dimethylphenol	0.019	U	0.43	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4-Dichlorophenol	0.028	U	0.17	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Chloro-3-methylphenol	0.024	U	0.43	0.024	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4,6-Trichlorophenol	0.055	U	0.17	0.055	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4,5-Trichlorophenol	0.044	U	0.43	0.044	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4-Dinitrotoluene	0.046	U	0.087	0.046	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Nitrophenol	0.070	U	0.87	0.070	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4,6-Dinitro-2-methylphenol	0.18	U	0.34	0.18	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Pentachlorophenol	0.088	U	0.34	0.088	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Bis(2-chloroethyl)ether	0.015	U	0.043	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
1,3-Dichlorobenzene	0.0057	U	0.43	0.0057	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
1,4-Dichlorobenzene	0.016	U	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
1,2-Dichlorobenzene	0.0073	U	0.43	0.0073	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
N-Nitrosodi-n-propylamine	0.031	U	0.043	0.031	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Hexachloroethane	0.015	U	0.043	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Nitrobenzene	0.010	U	0.043	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Isophorone	0.12	U	0.17	0.12	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
1,2,4-Trichlorobenzene	0.011	U	0.043	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Naphthalene	**0.022**	**J**	0.43	0.0074	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Hexachlorobutadiene	0.0091	U	0.087	0.0091	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Methylnaphthalene	0.012	U	0.43	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Hexachlorocyclopentadiene	0.038	U	0.43	0.038	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Chloronaphthalene	0.020	U	0.43	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2-Nitroaniline	0.016	U	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Dimethyl phthalate	0.097	U	0.43	0.097	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Acenaphthylene	**0.012**	**J**	0.43	0.0043	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,6-Dinitrotoluene	0.031	U	0.087	0.031	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
3-Nitroaniline	0.048	U	0.43	0.048	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Acenaphthene	0.012	U	0.43	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Dibenzofuran	**0.0097**	**J**	0.43	0.0060	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,4-Dinitrophenol	0.21	U	0.34	0.21	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Diethyl phthalate	0.0062	U	0.43	0.0062	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Chlorophenyl phenyl ether	0.015	U	0.43	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Fluorene	**0.012**	**J**	0.43	0.0058	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Nitroaniline	0.049	U	0.43	0.049	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1

Client Sample ID: HA-3

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5

Matrix: Solid
Percent Solids: 77.1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.035	U	0.43	0.035	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
4-Bromophenyl phenyl ether	0.017	U	0.43	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Hexachlorobenzene	0.020	U	0.043	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Phenanthrene	**0.19**	**J**	0.43	0.0075	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Anthracene	**0.037**	**J**	0.43	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Carbazole	**0.030**	**J**	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Di-n-butyl phthalate	0.016	U	0.43	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Fluoranthene	**0.38**	**J**	0.43	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Pyrene	**0.32**	**J**	0.43	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Butyl benzyl phthalate	0.020	U	0.43	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Benzo[a]anthracene	**0.19**		0.043	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Chrysene	**0.21**	**J**	0.43	0.0072	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Bis(2-ethylhexyl) phthalate	**0.16**	**J**	0.43	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Di-n-octyl phthalate	0.023	U	0.43	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Benzo[b]fluoranthene	**0.27**		0.043	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Benzo[k]fluoranthene	**0.11**		0.043	0.0084	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Benzo[a]pyrene	**0.18**		0.043	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.043	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Dibenz(a,h)anthracene	**0.032**	**J**	0.043	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Benzo[g,h,i]perylene	**0.13**	**J**	0.43	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
2,2'-oxybis[1-chloropropane]	0.0078	U	0.43	0.0078	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
3,3'-Dichlorobenzidine	0.065	U	0.17	0.065	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1
Bis(2-chloroethoxy)methane	0.033	U	0.43	0.033	mg/Kg	☼	10/31/21 17:38	11/01/21 19:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.6*	*A J*	*mg/Kg*	☼	*2.99*		*10/31/21 17:38*	*11/01/21 19:23*	*1*
1-Docosene	*1.6*	*J N*	*mg/Kg*	☼	*13.10*	*1599-67-3*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
Unknown	*0.51*	*J*	*mg/Kg*	☼	*14.15*		*10/31/21 17:38*	*11/01/21 19:23*	*1*
.beta.-Sitosterol	*1.1*	*J N*	*mg/Kg*	☼	*15.67*	*83-46-5*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
Stigmast-4-en-3-one	*0.50*	*J N*	*mg/Kg*	☼	*16.73*	*1058-61-3*	*10/31/21 17:38*	*11/01/21 19:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*47*		*11 - 104*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
Phenol-d5	*52*		*15 - 100*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
Terphenyl-d14	*70*		*12 - 126*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
2,4,6-Tribromophenol	*74*		*10 - 123*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
2-Fluorophenol	*54*		*10 - 105*	*10/31/21 17:38*	*11/01/21 19:23*	*1*
2-Fluorobiphenyl	*57*		*14 - 103*	*10/31/21 17:38*	*11/01/21 19:23*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0013	U	0.0087	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
alpha-BHC	0.00088	U	0.0026	0.00088	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
beta-BHC	0.00097	U	0.0026	0.00097	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
delta-BHC	0.00053	U	0.0026	0.00053	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
gamma-BHC (Lindane)	0.00080	U	0.0026	0.00080	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Chlordane (technical)	0.021	U	0.087	0.021	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
4,4'-DDD	0.0015	U	0.0087	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
4,4'-DDE	0.0010	U	0.0087	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
4,4'-DDT	0.0016	U	0.0087	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1

Client Sample ID: HA-3
Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5
Matrix: Solid
Percent Solids: 77.1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dieldrin	0.0011	U	0.0026	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endosulfan I	0.0013	U	0.0087	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endosulfan II	0.0022	U	0.0087	0.0022	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endosulfan sulfate	0.0011	U	0.0087	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endrin	0.0012	U	0.0087	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endrin aldehyde	0.0020	U	0.0087	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Endrin ketone	0.0017	U	0.0087	0.0017	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Heptachlor	0.0010	U	0.0087	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Heptachlor epoxide	0.0013	U	0.0087	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Methoxychlor	0.0020	U	0.0087	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1
Toxaphene	0.031	U	0.087	0.031	mg/Kg	☼	10/31/21 09:13	11/01/21 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:36*	*1*
Tetrachloro-m-xylene	*56*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:36*	*1*
DCB Decachlorobiphenyl	*118*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:36*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:36*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1221	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1232	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1242	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1248	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1254	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1260	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
PCB-1262	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1
Aroclor 1268	0.023	U	0.087	0.023	mg/Kg	☼	10/31/21 09:10	11/02/21 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*128*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:13*	*1*
DCB Decachlorobiphenyl	*133*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:13*	*1*
Tetrachloro-m-xylene	*76*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:13*	*1*
Tetrachloro-m-xylene	*74*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:13*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	16	U	43	16	ug/Kg	☼	11/03/21 23:56	11/04/21 12:13	1
Silvex (2,4,5-TP)	4.5	U *+ *1	43	4.5	ug/Kg	☼	11/03/21 23:56	11/04/21 12:13	1
2,4,5-T	9.2	U	43	9.2	ug/Kg	☼	11/03/21 23:56	11/04/21 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*86*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:13*	*1*
2,4-Dichlorophenylacetic acid	*129*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:13*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.79**	**J**	1.2	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Arsenic	**7.3**		1.2	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Barium	**111**		2.4	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1

Client Sample ID: HA-3

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-5

Matrix: Solid
Percent Solids: 77.1

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.1		0.49	0.070	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Cadmium	0.49	J	1.2	0.14	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Cobalt	9.5		2.4	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Chromium	27.3		2.4	0.33	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Copper	31.5		2.4	0.45	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Manganese	759		4.9	0.49	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Nickel	15.4		2.4	0.57	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Lead	86.1		0.73	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Antimony	0.60	J	1.2	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Selenium	0.69	J	1.5	0.16	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Vanadium	34.5		2.4	0.25	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Zinc	94.8		9.8	3.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Aluminum	15500		24.5	6.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Sodium	84.7	J	122	55.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Magnesium	1990		122	12.5	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Potassium	656		122	14.8	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Calcium	2060		122	21.6	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Iron	18000		73.4	24.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1
Thallium	0.22	J	0.49	0.050	mg/Kg	☼	11/04/21 03:52	11/04/21 12:00	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.46		0.022	0.010	mg/Kg	☼	11/04/21 03:45	11/04/21 08:33	1

Client Sample ID: HA-4

Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6

Matrix: Solid
Percent Solids: 79.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00045	U	0.0010	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Bromomethane	0.0010	U	0.0021	0.0010	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Vinyl chloride	0.00057	U	0.0010	0.00057	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Chloroethane	0.00054	U	0.0010	0.00054	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Methylene Chloride	0.0012	U	0.0021	0.0012	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Acetone	0.0060	U	0.0062	0.0060	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Carbon disulfide	0.00028	U	0.0010	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Trichlorofluoromethane	0.00042	U	0.0010	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
trans-1,2-Dichloroethene	0.00026	U	0.0010	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
cis-1,2-Dichloroethene	0.00037	U	0.0010	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Chloroform	0.0010	U	0.0010	0.0010	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2-Dichloroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
2-Butanone (MEK)	0.00038	U *-	0.0052	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Carbon tetrachloride	0.00040	U	0.0010	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Dichlorobromomethane	0.00027	U	0.0010	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2-Dichloropropane	0.00044	U	0.0010	0.00044	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1

Client Sample ID: HA-4
Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6
Matrix: Solid
Percent Solids: 79.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.00033	U	0.0010	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Chlorodibromomethane	0.00020	U	0.0010	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1,2-Trichloroethane	0.00019	U	0.0010	0.00019	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Benzene	0.00027	U	0.0010	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Bromoform	0.00044	U	0.0010	0.00044	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
4-Methyl-2-pentanone (MIBK)	0.0016	U *-	0.0052	0.0016	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
2-Hexanone	0.0018	U	0.0052	0.0018	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Tetrachloroethene	0.00032	U	0.0010	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Toluene	0.00024	U	0.0010	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Chlorobenzene	0.00018	U *-	0.0010	0.00018	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Ethylbenzene	0.00021	U	0.0010	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Styrene	0.00029	U	0.0010	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Xylenes, Total	0.00067	U	0.0021	0.00067	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Methyl tert-butyl ether	0.00053	U	0.0010	0.00053	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Cyclohexane	0.00023	U	0.0010	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Ethylene Dibromide	0.00019	U	0.0010	0.00019	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,3-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2-Dichlorobenzene	0.00038	U	0.0010	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Dichlorodifluoromethane	0.00035	U	0.0010	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,4-Dioxane	0.0096	U	0.021	0.0096	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Chlorobromomethane	0.00029	U	0.0010	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Isopropylbenzene	0.00030	U	0.0010	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Methyl acetate	0.0045	U	0.0052	0.0045	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1
Methylcyclohexane	0.00052	U	0.0010	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 17:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 17:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 145*	*10/30/21 04:39*	*11/02/21 17:24*	*1*
Toluene-d8 (Surr)	*87*		*80 - 120*	*10/30/21 04:39*	*11/02/21 17:24*	*1*
4-Bromofluorobenzene	*93*		*70 - 139*	*10/30/21 04:39*	*11/02/21 17:24*	*1*
Dibromofluoromethane (Surr)	*97*		*48 - 150*	*10/30/21 04:39*	*11/02/21 17:24*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Chlorophenol	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Methylphenol	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4-Methylphenol	0.026	U	0.42	0.026	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Nitrophenol	0.042	U	0.42	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4-Dimethylphenol	0.018	U	0.42	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4-Dichlorophenol	0.027	U	0.17	0.027	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1

Client Sample ID: HA-4

Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6

Matrix: Solid
Percent Solids: 79.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	0.023	U	0.42	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4,6-Trichlorophenol	0.054	U	0.17	0.054	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4,5-Trichlorophenol	0.043	U	0.42	0.043	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4-Dinitrotoluene	0.045	U	0.085	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4-Nitrophenol	0.068	U	0.85	0.068	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4,6-Dinitro-2-methylphenol	0.17	U	0.34	0.17	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Pentachlorophenol	0.086	U	0.34	0.086	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Bis(2-chloroethyl)ether	0.015	U	0.042	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
1,3-Dichlorobenzene	0.0055	U	0.42	0.0055	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
1,4-Dichlorobenzene	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
1,2-Dichlorobenzene	0.0071	U	0.42	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
N-Nitrosodi-n-propylamine	0.030	U	0.042	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Hexachloroethane	0.014	U	0.042	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Nitrobenzene	0.010	U	0.042	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Isophorone	0.12	U	0.17	0.12	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
1,2,4-Trichlorobenzene	0.011	U	0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Naphthalene	**0.023**	**J**	0.42	0.0072	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Hexachlorobutadiene	0.0089	U	0.085	0.0089	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Methylnaphthalene	0.012	U	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Hexachlorocyclopentadiene	0.037	U	0.42	0.037	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Chloronaphthalene	0.019	U	0.42	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2-Nitroaniline	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Dimethyl phthalate	0.095	U	0.42	0.095	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Acenaphthylene	**0.0075**	**J**	0.42	0.0042	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,6-Dinitrotoluene	0.030	U	0.085	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
3-Nitroaniline	0.047	U	0.42	0.047	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Acenaphthene	0.012	U	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Dibenzofuran	**0.0071**	**J**	0.42	0.0059	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,4-Dinitrophenol	0.21	U	0.34	0.21	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Diethyl phthalate	0.0060	U	0.42	0.0060	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4-Chlorophenyl phenyl ether	0.015	U	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Fluorene	**0.0096**	**J**	0.42	0.0057	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4-Nitroaniline	0.048	U	0.42	0.048	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
N-Nitrosodiphenylamine	0.034	U	0.42	0.034	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
4-Bromophenyl phenyl ether	0.017	U	0.42	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Hexachlorobenzene	0.020	U	0.042	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Phenanthrene	**0.16**	**J**	0.42	0.0073	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Anthracene	**0.028**	**J**	0.42	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Carbazole	**0.018**	**J**	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Di-n-butyl phthalate	0.016	U	0.42	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Fluoranthene	**0.26**	**J**	0.42	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Pyrene	**0.26**	**J**	0.42	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Butyl benzyl phthalate	0.020	U	0.42	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Benzo[a]anthracene	**0.14**		0.042	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Chrysene	**0.15**	**J**	0.42	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Bis(2-ethylhexyl) phthalate	**0.15**	**J**	0.42	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Di-n-octyl phthalate	0.022	U	0.42	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Benzo[b]fluoranthene	**0.21**		0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Benzo[k]fluoranthene	**0.070**		0.042	0.0082	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1

Client Sample ID: HA-4
Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6
Matrix: Solid
Percent Solids: 79.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.13**		0.042	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Indeno[1,2,3-cd]pyrene	**0.10**		0.042	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Dibenz(a,h)anthracene	**0.023**	**J**	0.042	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Benzo[g,h,i]perylene	**0.099**	**J**	0.42	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
2,2'-oxybis[1-chloropropane]	0.0076	U	0.42	0.0076	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
3,3'-Dichlorobenzidine	0.063	U	0.17	0.063	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1
Bis(2-chloroethoxy)methane	0.033	U	0.42	0.033	mg/Kg	☼	10/31/21 17:38	11/01/21 19:47	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.9*	*A J*	*mg/Kg*	☼	*3.00*		*10/31/21 17:38*	*11/01/21 19:47*	*1*
6H-Benzofuro[3,2-c] [1]benzopyran-3-ol, 6a,11a-dihydro-9-meth	*0.36*	*J N*	*mg/Kg*	☼	*11.76*	*32383-76-9*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
17-Pentatriacontene	*0.44*	*J N*	*mg/Kg*	☼	*12.14*	*6971-40-0*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
1-Docosene	*1.8*	*J N*	*mg/Kg*	☼	*13.10*	*1599-67-3*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Octadecanal	*0.52*	*J N*	*mg/Kg*	☼	*13.82*	*638-66-4*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Eicosane, 3-methyl-	*0.35*	*J N*	*mg/Kg*	☼	*14.11*	*6418-46-8*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Unknown	*0.84*	*J*	*mg/Kg*	☼	*14.15*		*10/31/21 17:38*	*11/01/21 19:47*	*1*
Stigmasterol	*0.49*	*J N*	*mg/Kg*	☼	*15.24*	*83-48-7*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Stigmasterol, 22,23-dihydro-	*2.5*	*J N*	*mg/Kg*	☼	*15.67*	*1000214-20-7*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Stigmast-4-en-3-one	*1.2*	*J N*	*mg/Kg*	☼	*16.73*	*1058-61-3*	*10/31/21 17:38*	*11/01/21 19:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*55*		*11 - 104*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Phenol-d5	*59*		*15 - 100*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
Terphenyl-d14	*77*		*12 - 126*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
2,4,6-Tribromophenol	*76*		*10 - 123*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
2-Fluorophenol	*63*		*10 - 105*	*10/31/21 17:38*	*11/01/21 19:47*	*1*
2-Fluorobiphenyl	*64*		*14 - 103*	*10/31/21 17:38*	*11/01/21 19:47*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0013	U	0.0085	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
alpha-BHC	0.00086	U	0.0025	0.00086	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
beta-BHC	0.00095	U	0.0025	0.00095	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
delta-BHC	0.00052	U	0.0025	0.00052	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Chlordane (technical)	0.020	U	0.085	0.020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
4,4'-DDD	0.0014	U	0.0085	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
4,4'-DDE	0.0010	U	0.0085	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
4,4'-DDT	0.0016	U	0.0085	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Dieldrin	0.0011	U	0.0025	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endosulfan I	0.0013	U	0.0085	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endosulfan II	0.0022	U	0.0085	0.0022	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endosulfan sulfate	0.0011	U	0.0085	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endrin	0.0012	U	0.0085	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endrin aldehyde	0.0020	U	0.0085	0.0020	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Endrin ketone	0.0016	U	0.0085	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Heptachlor	0.0010	U	0.0085	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Heptachlor epoxide	0.0013	U	0.0085	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1

Client Sample ID: HA-4
Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6
Matrix: Solid
Percent Solids: 79.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0019	U	0.0085	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1
Toxaphene	0.031	U	0.085	0.031	mg/Kg	☼	10/31/21 09:13	11/01/21 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*33*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:48*	*1*
Tetrachloro-m-xylene	*35*		*10 - 133*	*10/31/21 09:13*	*11/01/21 18:48*	*1*
DCB Decachlorobiphenyl	*93*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:48*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 150*	*10/31/21 09:13*	*11/01/21 18:48*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1221	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1232	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1242	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1248	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1254	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1260	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
PCB-1262	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1
Aroclor 1268	0.022	U	0.085	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*130*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:29*	*1*
DCB Decachlorobiphenyl	*134*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:29*	*1*
Tetrachloro-m-xylene	*58*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:29*	*1*
Tetrachloro-m-xylene	*56*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:29*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	15	U	42	15	ug/Kg	☼	11/03/21 23:56	11/04/21 12:27	1
Silvex (2,4,5-TP)	4.4	U *+ *1	42	4.4	ug/Kg	☼	11/03/21 23:56	11/04/21 12:27	1
2,4,5-T	8.9	U	42	8.9	ug/Kg	☼	11/03/21 23:56	11/04/21 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*68*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:27*	*1*
2,4-Dichlorophenylacetic acid	*107*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:27*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**1.9**		1.2	0.10	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Arsenic	**8.7**		1.2	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Barium	**106**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Beryllium	**0.76**		0.47	0.067	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Cadmium	**0.77**	**J**	1.2	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Cobalt	**9.0**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Chromium	**38.6**		2.3	0.31	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Copper	**50.7**		2.3	0.43	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Manganese	**436**		4.7	0.47	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Nickel	**16.1**		2.3	0.55	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Lead	**87.7**		0.70	0.23	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Antimony	**0.65**	**J**	1.2	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1

Client Sample ID: HA-4

Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6

Matrix: Solid
Percent Solids: 79.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.63	J	1.5	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Vanadium	40.6		2.3	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Zinc	126		9.3	3.6	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Aluminum	15700		23.4	6.4	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Sodium	61.7	J	117	53.4	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Magnesium	2600		117	11.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Potassium	887		117	14.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Calcium	2880		117	20.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Iron	23600		70.1	23.6	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1
Thallium	0.22	J	0.47	0.048	mg/Kg	☼	11/04/21 03:52	11/04/21 12:02	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.020	0.0096	mg/Kg	☼	11/04/21 03:45	11/04/21 08:35	1

Client Sample ID: HA-5

Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7

Matrix: Solid
Percent Solids: 74.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00055	U	0.0013	0.00055	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Bromomethane	0.0013	U	0.0025	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Vinyl chloride	0.00069	U	0.0013	0.00069	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Chloroethane	0.00066	U	0.0013	0.00066	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Methylene Chloride	0.0015	U	0.0025	0.0015	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Acetone	0.0073	U	0.0076	0.0073	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Carbon disulfide	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Trichlorofluoromethane	0.00052	U	0.0013	0.00052	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,1-Dichloroethene	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,1-Dichloroethane	0.00026	U	0.0013	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
cis-1,2-Dichloroethene	0.00046	U	0.0013	0.00046	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Chloroform	0.0012	U	0.0013	0.0012	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2-Dichloroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
2-Butanone (MEK)	0.00047	U *-	0.0064	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Carbon tetrachloride	0.00049	U	0.0013	0.00049	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Dichlorobromomethane	0.00033	U	0.0013	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2-Dichloropropane	0.00054	U	0.0013	0.00054	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Trichloroethene	0.00041	U	0.0013	0.00041	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Chlorodibromomethane	0.00025	U	0.0013	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Benzene	0.00033	U	0.0013	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Bromoform	0.00054	U	0.0013	0.00054	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
4-Methyl-2-pentanone (MIBK)	0.0020	U *-	0.0064	0.0020	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
2-Hexanone	0.0022	U	0.0064	0.0022	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Tetrachloroethene	0.00039	U	0.0013	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1

Client Sample ID: HA-5
Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7
Matrix: Solid
Percent Solids: 74.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Toluene	0.00030	U	0.0013	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Chlorobenzene	0.00023	U *-	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Ethylbenzene	0.00025	U	0.0013	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Styrene	0.00035	U	0.0013	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Xylenes, Total	0.00082	U	0.0025	0.00082	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Methyl tert-butyl ether	0.00065	U	0.0013	0.00065	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Cyclohexane	0.00028	U	0.0013	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Ethylene Dibromide	0.00023	U	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Dichlorodifluoromethane	0.00043	U	0.0013	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,4-Dioxane	0.012	U	0.025	0.012	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Chlorobromomethane	0.00036	U	0.0013	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Isopropylbenzene	0.00036	U	0.0013	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Methyl acetate	0.0055	U	0.0064	0.0055	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1
Methylcyclohexane	0.00063	U	0.0013	0.00063	mg/Kg	☼	10/30/21 04:39	11/02/21 17:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 17:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 145*	*10/30/21 04:39*	*11/02/21 17:46*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*	*10/30/21 04:39*	*11/02/21 17:46*	*1*
4-Bromofluorobenzene	*97*		*70 - 139*	*10/30/21 04:39*	*11/02/21 17:46*	*1*
Dibromofluoromethane (Surr)	*101*		*48 - 150*	*10/30/21 04:39*	*11/02/21 17:46*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.016	U	0.44	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Chlorophenol	0.016	U	0.44	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Methylphenol	0.017	U	0.44	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Methylphenol	0.028	U	0.44	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Nitrophenol	0.045	U	0.44	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4-Dimethylphenol	0.020	U	0.44	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4-Dichlorophenol	0.029	U	0.18	0.029	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Chloro-3-methylphenol	0.025	U	0.44	0.025	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4,6-Trichlorophenol	0.057	U	0.18	0.057	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4,5-Trichlorophenol	0.045	U	0.44	0.045	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4-Dinitrotoluene	0.048	U	0.090	0.048	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Nitrophenol	0.073	U	0.90	0.073	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4,6-Dinitro-2-methylphenol	0.18	U	0.36	0.18	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Pentachlorophenol	0.091	U	0.36	0.091	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Bis(2-chloroethyl)ether	0.016	U	0.044	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
1,3-Dichlorobenzene	0.0059	U	0.44	0.0059	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1

Client Sample ID: HA-5

Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7

Matrix: Solid
Percent Solids: 74.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.017	U	0.44	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
1,2-Dichlorobenzene	0.0076	U	0.44	0.0076	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
N-Nitrosodi-n-propylamine	0.032	U	0.044	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Hexachloroethane	0.015	U	0.044	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Nitrobenzene	0.011	U	0.044	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Isophorone	0.13	U	0.18	0.13	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
1,2,4-Trichlorobenzene	0.011	U	0.044	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Naphthalene	**0.025**	**J**	0.44	0.0077	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Hexachlorobutadiene	0.0095	U	0.090	0.0095	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Methylnaphthalene	**0.014**	**J**	0.44	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Hexachlorocyclopentadiene	0.039	U	0.44	0.039	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Chloronaphthalene	0.021	U	0.44	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2-Nitroaniline	0.017	U	0.44	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Dimethyl phthalate	0.10	U	0.44	0.10	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Acenaphthylene	**0.012**	**J**	0.44	0.0045	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,6-Dinitrotoluene	0.032	U	0.090	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
3-Nitroaniline	0.050	U	0.44	0.050	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Acenaphthene	0.013	U	0.44	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Dibenzofuran	**0.012**	**J**	0.44	0.0063	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,4-Dinitrophenol	0.22	U	0.36	0.22	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Diethyl phthalate	0.0065	U	0.44	0.0065	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Chlorophenyl phenyl ether	0.016	U	0.44	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Fluorene	**0.012**	**J**	0.44	0.0060	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Nitroaniline	0.051	U	0.44	0.051	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
N-Nitrosodiphenylamine	0.037	U	0.44	0.037	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
4-Bromophenyl phenyl ether	0.018	U	0.44	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Hexachlorobenzene	0.021	U	0.044	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Phenanthrene	**0.20**	**J**	0.44	0.0078	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Anthracene	**0.033**	**J**	0.44	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Carbazole	**0.024**	**J**	0.44	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Di-n-butyl phthalate	0.017	U	0.44	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Fluoranthene	**0.37**	**J**	0.44	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Pyrene	**0.36**	**J**	0.44	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Butyl benzyl phthalate	0.021	U	0.44	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Benzo[a]anthracene	**0.19**		0.044	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Chrysene	**0.22**	**J**	0.44	0.0075	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Bis(2-ethylhexyl) phthalate	**0.085**	**J**	0.44	0.024	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Di-n-octyl phthalate	0.024	U	0.44	0.024	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Benzo[b]fluoranthene	**0.29**		0.044	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Benzo[k]fluoranthene	**0.11**		0.044	0.0087	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Benzo[a]pyrene	**0.18**		0.044	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Indeno[1,2,3-cd]pyrene	**0.15**		0.044	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Dibenz(a,h)anthracene	**0.042**	**J**	0.044	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Benzo[g,h,i]perylene	**0.13**	**J**	0.44	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
2,2'-oxybis[1-chloropropane]	0.0081	U	0.44	0.0081	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
3,3'-Dichlorobenzidine	0.067	U	0.18	0.067	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1
Bis(2-chloroethoxy)methane	0.035	U	0.44	0.035	mg/Kg	☼	10/31/21 17:38	11/01/21 20:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1.0*	*J*	*mg/Kg*	☼	*1.96*		*10/31/21 17:38*	*11/01/21 20:10*	*1*

Client Sample ID: HA-5

Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7

Matrix: Solid
Percent Solids: 74.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.71	J	mg/Kg	☼	3.10		10/31/21 17:38	11/01/21 20:10	1
Aldol condensation product	1.4	A J	mg/Kg	☼	3.21		10/31/21 17:38	11/01/21 20:10	1
n-Hexadecanoic acid	0.40	J N	mg/Kg	☼	9.32	57-10-3	10/31/21 17:38	11/01/21 20:10	1
Unknown	0.65	J	mg/Kg	☼	12.14		10/31/21 17:38	11/01/21 20:10	1
1-Docosene	8.5	J N	mg/Kg	☼	13.11	1599-67-3	10/31/21 17:38	11/01/21 20:10	1
Cycloheptadecanol	1.5	J N	mg/Kg	☼	13.82	4429-77-0	10/31/21 17:38	11/01/21 20:10	1
Pentadecane	2.7	J N	mg/Kg	☼	14.11	629-62-9	10/31/21 17:38	11/01/21 20:10	1
1-Hexacosene	1.8	J N	mg/Kg	☼	14.16	18835-33-1	10/31/21 17:38	11/01/21 20:10	1
Stigmasterol	0.61	J N	mg/Kg	☼	15.25	83-48-7	10/31/21 17:38	11/01/21 20:10	1
Eicosane	1.6	J N	mg/Kg	☼	15.33	112-95-8	10/31/21 17:38	11/01/21 20:10	1
.beta.-Sitosterol	1.8	J N	mg/Kg	☼	15.67	83-46-5	10/31/21 17:38	11/01/21 20:10	1
1,19-Eicosadiene	1.1	J N	mg/Kg	☼	16.51	14811-95-1	10/31/21 17:38	11/01/21 20:10	1
Stigmast-4-en-3-one	0.76	J N	mg/Kg	☼	16.73	1058-61-3	10/31/21 17:38	11/01/21 20:10	1
Cyclodocosane, ethyl-	2.8	J N	mg/Kg	☼	17.12	1000151-22-6	10/31/21 17:38	11/01/21 20:10	1
Unknown	0.84	J	mg/Kg	☼	17.24		10/31/21 17:38	11/01/21 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	62		11 - 104	10/31/21 17:38	11/01/21 20:10	1
Phenol-d5	70		15 - 100	10/31/21 17:38	11/01/21 20:10	1
Terphenyl-d14	79		12 - 126	10/31/21 17:38	11/01/21 20:10	1
2,4,6-Tribromophenol	78		10 - 123	10/31/21 17:38	11/01/21 20:10	1
2-Fluorophenol	73		10 - 105	10/31/21 17:38	11/01/21 20:10	1
2-Fluorobiphenyl	72		14 - 103	10/31/21 17:38	11/01/21 20:10	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0014	U	0.0090	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
alpha-BHC	0.00092	U	0.0027	0.00092	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
beta-BHC	0.0010	U	0.0027	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
delta-BHC	0.00055	U	0.0027	0.00055	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
gamma-BHC (Lindane)	0.00084	U	0.0027	0.00084	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Chlordane (technical)	0.022	U	0.090	0.022	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
4,4'-DDD	0.0015	U	0.0090	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
4,4'-DDE	0.0011	U	0.0090	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
4,4'-DDT	0.0017	U	0.0090	0.0017	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Dieldrin	0.0012	U	0.0027	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endosulfan I	0.0014	U	0.0090	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endosulfan II	0.0023	U	0.0090	0.0023	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endosulfan sulfate	0.0011	U	0.0090	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endrin	0.0013	U	0.0090	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endrin aldehyde	0.0021	U	0.0090	0.0021	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Endrin ketone	0.0018	U	0.0090	0.0018	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Heptachlor	0.0011	U	0.0090	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Heptachlor epoxide	0.0013	U	0.0090	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Methoxychlor	0.0021	U	0.0090	0.0021	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1
Toxaphene	0.033	U	0.090	0.033	mg/Kg	☼	10/31/21 09:13	11/01/21 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	37		10 - 133	10/31/21 09:13	11/01/21 19:01	1

Client Sample ID: HA-5
Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7
Matrix: Solid
Percent Solids: 74.2

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*40*		*10 - 133*	*10/31/21 09:13*	*11/01/21 19:01*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 150*	*10/31/21 09:13*	*11/01/21 19:01*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 150*	*10/31/21 09:13*	*11/01/21 19:01*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1221	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1232	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1242	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1248	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1254	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1260	**0.067**	**J**	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
PCB-1262	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1
Aroclor 1268	0.024	U	0.090	0.024	mg/Kg	☼	10/31/21 09:10	11/02/21 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*125*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:46*	*1*
DCB Decachlorobiphenyl	*134*		*37 - 150*	*10/31/21 09:10*	*11/02/21 18:46*	*1*
Tetrachloro-m-xylene	*63*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:46*	*1*
Tetrachloro-m-xylene	*61*		*54 - 150*	*10/31/21 09:10*	*11/02/21 18:46*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	16	U	45	16	ug/Kg	☼	11/03/21 23:56	11/04/21 12:40	1
Silvex (2,4,5-TP)	4.7	U *+ *1	45	4.7	ug/Kg	☼	11/03/21 23:56	11/04/21 12:40	1
2,4,5-T	9.5	U	45	9.5	ug/Kg	☼	11/03/21 23:56	11/04/21 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*62*	*S1-*	*65 - 150*	*11/03/21 23:56*	*11/04/21 12:40*	*1*
2,4-Dichlorophenylacetic acid	*95*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:40*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.43**	**J**	1.2	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Arsenic	**9.5**		1.2	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Barium	**110**		2.5	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Beryllium	**0.81**		0.50	0.071	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Cadmium	**0.61**	**J**	1.2	0.14	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Cobalt	**8.9**		2.5	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Chromium	**32.9**		2.5	0.33	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Copper	**47.2**		2.5	0.46	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Manganese	**412**		5.0	0.50	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Nickel	**15.8**		2.5	0.59	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Lead	**117**		0.75	0.25	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Antimony	**0.71**	**J**	1.2	0.18	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Selenium	**0.94**	**J**	1.6	0.16	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Vanadium	**45.1**		2.5	0.26	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Zinc	**154**		10	3.8	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Aluminum	**15800**		25.0	6.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1

Client Sample ID: HA-5

Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7

Matrix: Solid
Percent Solids: 74.2

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	57.6	J	125	57.0	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Magnesium	2050		125	12.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Potassium	720		125	15.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Calcium	1340		125	22.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Iron	22500		74.9	25.2	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1
Thallium	0.24	J	0.50	0.051	mg/Kg	☼	11/04/21 03:52	11/04/21 12:04	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.023	0.011	mg/Kg	☼	11/04/21 03:45	11/04/21 08:37	1

Client Sample ID: HA-6

Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8

Matrix: Solid
Percent Solids: 81.5

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00050	U	0.0012	0.00050	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Bromomethane	0.0012	U	0.0023	0.0012	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Vinyl chloride	0.00063	U	0.0012	0.00063	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Chloroethane	0.00060	U	0.0012	0.00060	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Methylene Chloride	0.0013	U	0.0023	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Acetone	0.0066	U	0.0069	0.0066	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Carbon disulfide	0.00031	U	0.0012	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Trichlorofluoromethane	0.00047	U	0.0012	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1-Dichloroethene	0.00026	U	0.0012	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1-Dichloroethane	0.00024	U	0.0012	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
trans-1,2-Dichloroethene	0.00028	U	0.0012	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
cis-1,2-Dichloroethene	0.00041	U	0.0012	0.00041	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Chloroform	0.0011	U	0.0012	0.0011	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2-Dichloroethane	0.00034	U	0.0012	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
2-Butanone (MEK)	0.00042	U *-	0.0058	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Carbon tetrachloride	0.00045	U	0.0012	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Dichlorobromomethane	0.00030	U	0.0012	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2-Dichloropropane	0.00049	U	0.0012	0.00049	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
cis-1,3-Dichloropropene	0.00031	U	0.0012	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Trichloroethene	0.00037	U	0.0012	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Chlorodibromomethane	0.00022	U	0.0012	0.00022	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Benzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Bromoform	0.00049	U	0.0012	0.00049	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
4-Methyl-2-pentanone (MIBK)	0.0018	U *-	0.0058	0.0018	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
2-Hexanone	0.0020	U	0.0058	0.0020	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Tetrachloroethene	0.00035	U	0.0012	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Toluene	0.00027	U	0.0012	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Chlorobenzene	0.00020	U *-	0.0012	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Ethylbenzene	0.00023	U	0.0012	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1

Client Sample ID: HA-6

Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8

Matrix: Solid
Percent Solids: 81.5

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.00032	U	0.0012	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Xylenes, Total	0.00074	U	0.0023	0.00074	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Methyl tert-butyl ether	0.00059	U	0.0012	0.00059	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Cyclohexane	0.00025	U	0.0012	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Ethylene Dibromide	0.00021	U	0.0012	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,3-Dichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2-Dichlorobenzene	0.00042	U	0.0012	0.00042	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Dichlorodifluoromethane	0.00039	U	0.0012	0.00039	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2,4-Trichlorobenzene	0.00041	U	0.0012	0.00041	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,4-Dioxane	0.011	U	0.023	0.011	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
1,2-Dibromo-3-Chloropropane	0.00053	U	0.0012	0.00053	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Chlorobromomethane	0.00032	U	0.0012	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Isopropylbenzene	0.00033	U	0.0012	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Methyl acetate	0.0050	U	0.0058	0.0050	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1
Methylcyclohexane	0.00058	U	0.0012	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 18:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*	☼			*10/30/21 04:39*	*11/02/21 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 145*	*10/30/21 04:39*	*11/02/21 18:08*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*	*10/30/21 04:39*	*11/02/21 18:08*	*1*
4-Bromofluorobenzene	*98*		*70 - 139*	*10/30/21 04:39*	*11/02/21 18:08*	*1*
Dibromofluoromethane (Surr)	*105*		*48 - 150*	*10/30/21 04:39*	*11/02/21 18:08*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Chlorophenol	0.014	U	0.41	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Methylphenol	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Methylphenol	0.025	U	0.41	0.025	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Nitrophenol	0.041	U	0.41	0.041	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4-Dimethylphenol	0.018	U	0.41	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4-Dichlorophenol	0.026	U	0.16	0.026	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Chloro-3-methylphenol	0.023	U	0.41	0.023	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4,6-Trichlorophenol	0.052	U	0.16	0.052	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4,5-Trichlorophenol	0.041	U	0.41	0.041	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4-Dinitrotoluene	0.044	U	0.082	0.044	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Nitrophenol	0.066	U	0.82	0.066	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Pentachlorophenol	0.083	U	0.33	0.083	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Bis(2-chloroethyl)ether	0.014	U	0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
1,3-Dichlorobenzene	0.0054	U	0.41	0.0054	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
1,4-Dichlorobenzene	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
1,2-Dichlorobenzene	0.0069	U	0.41	0.0069	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
N-Nitrosodi-n-propylamine	0.029	U	0.041	0.029	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Hexachloroethane	0.014	U	0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1

Client Sample ID: HA-6

Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8

Matrix: Solid
Percent Solids: 81.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.0098	U	0.041	0.0098	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Isophorone	0.12	U	0.16	0.12	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
1,2,4-Trichlorobenzene	0.010	U	0.041	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Naphthalene	**0.0097**	**J**	0.41	0.0070	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Hexachlorobutadiene	0.0086	U	0.082	0.0086	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Methylnaphthalene	0.011	U	0.41	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Hexachlorocyclopentadiene	0.036	U	0.41	0.036	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Chloronaphthalene	0.019	U	0.41	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2-Nitroaniline	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Dimethyl phthalate	0.092	U	0.41	0.092	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Acenaphthylene	0.0041	U	0.41	0.0041	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,6-Dinitrotoluene	0.029	U	0.082	0.029	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
3-Nitroaniline	0.046	U	0.41	0.046	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Acenaphthene	0.012	U	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Dibenzofuran	0.0057	U	0.41	0.0057	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,4-Dinitrophenol	0.20	U	0.33	0.20	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Diethyl phthalate	0.0059	U	0.41	0.0059	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Chlorophenyl phenyl ether	0.014	U	0.41	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Fluorene	0.0055	U	0.41	0.0055	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Nitroaniline	0.047	U	0.41	0.047	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
N-Nitrosodiphenylamine	0.033	U	0.41	0.033	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
4-Bromophenyl phenyl ether	0.016	U	0.41	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Hexachlorobenzene	0.019	U	0.041	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Phenanthrene	**0.086**	**J**	0.41	0.0071	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Anthracene	**0.013**	**J**	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Carbazole	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Di-n-butyl phthalate	0.015	U	0.41	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Fluoranthene	**0.14**	**J**	0.41	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Pyrene	**0.13**	**J**	0.41	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Butyl benzyl phthalate	0.019	U	0.41	0.019	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Benzo[a]anthracene	**0.070**		0.041	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Chrysene	**0.092**	**J**	0.41	0.0069	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Bis(2-ethylhexyl) phthalate	0.021	U	0.41	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Di-n-octyl phthalate	0.022	U	0.41	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Benzo[b]fluoranthene	**0.11**		0.041	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Benzo[k]fluoranthene	**0.035**	**J**	0.041	0.0080	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Benzo[a]pyrene	**0.066**		0.041	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Indeno[1,2,3-cd]pyrene	**0.061**		0.041	0.016	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Dibenz(a,h)anthracene	0.018	U	0.041	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Benzo[g,h,i]perylene	**0.050**	**J**	0.41	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
2,2'-oxybis[1-chloropropane]	0.0073	U	0.41	0.0073	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
3,3'-Dichlorobenzidine	0.061	U	0.16	0.061	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1
Bis(2-chloroethoxy)methane	0.032	U	0.41	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 17:25	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.5*	*A J*	*mg/Kg*	☼	*2.99*		*10/31/21 17:38*	*11/01/21 17:25*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*50*		*11 - 104*	*10/31/21 17:38*	*11/01/21 17:25*	*1*
Phenol-d5	*56*		*15 - 100*	*10/31/21 17:38*	*11/01/21 17:25*	*1*

Client Sample ID: HA-6
Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8
Matrix: Solid
Percent Solids: 81.5

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*70*		*12 - 126*	*10/31/21 17:38*	*11/01/21 17:25*	*1*
2,4,6-Tribromophenol	*70*		*10 - 123*	*10/31/21 17:38*	*11/01/21 17:25*	*1*
2-Fluorophenol	*57*		*10 - 105*	*10/31/21 17:38*	*11/01/21 17:25*	*1*
2-Fluorobiphenyl	*59*		*14 - 103*	*10/31/21 17:38*	*11/01/21 17:25*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0012	U	0.0082	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
alpha-BHC	0.00083	U	0.0025	0.00083	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
beta-BHC	0.00092	U	0.0025	0.00092	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
delta-BHC	0.00050	U	0.0025	0.00050	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
gamma-BHC (Lindane)	0.00076	U	0.0025	0.00076	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Chlordane (technical)	0.020	U	0.082	0.020	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
4,4'-DDD	0.0014	U	0.0082	0.0014	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
4,4'-DDE	0.00097	U	0.0082	0.00097	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
4,4'-DDT	0.0015	U	0.0082	0.0015	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Dieldrin	0.0011	U	0.0025	0.0011	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endosulfan I	0.0013	U	0.0082	0.0013	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endosulfan II	0.0021	U	0.0082	0.0021	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endosulfan sulfate	0.0010	U	0.0082	0.0010	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endrin	0.0012	U	0.0082	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endrin aldehyde	0.0019	U	0.0082	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Endrin ketone	0.0016	U	0.0082	0.0016	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Heptachlor	0.00097	U	0.0082	0.00097	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Heptachlor epoxide	0.0012	U	0.0082	0.0012	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Methoxychlor	0.0019	U	0.0082	0.0019	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1
Toxaphene	0.030	U	0.082	0.030	mg/Kg	☼	10/31/21 09:13	11/01/21 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*49*		*10 - 133*	*10/31/21 09:13*	*11/01/21 19:13*	*1*
Tetrachloro-m-xylene	*51*		*10 - 133*	*10/31/21 09:13*	*11/01/21 19:13*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*10/31/21 09:13*	*11/01/21 19:13*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 150*	*10/31/21 09:13*	*11/01/21 19:13*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1221	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1232	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1242	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1248	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1254	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1260	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
PCB-1262	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1
Aroclor 1268	0.022	U	0.082	0.022	mg/Kg	☼	10/31/21 09:10	11/02/21 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*146*		*37 - 150*	*10/31/21 09:10*	*11/02/21 19:03*	*1*
DCB Decachlorobiphenyl	*149*		*37 - 150*	*10/31/21 09:10*	*11/02/21 19:03*	*1*
Tetrachloro-m-xylene	*98*		*54 - 150*	*10/31/21 09:10*	*11/02/21 19:03*	*1*

Client Sample ID: HA-6

Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8

Matrix: Solid
Percent Solids: 81.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*93*		*54 - 150*	*10/31/21 09:10*	*11/02/21 19:03*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	15	U	41	15	ug/Kg	☼	11/03/21 23:56	11/04/21 12:54	1
Silvex (2,4,5-TP)	4.3	U *+ *1	41	4.3	ug/Kg	☼	11/03/21 23:56	11/04/21 12:54	1
2,4,5-T	8.7	U	41	8.7	ug/Kg	☼	11/03/21 23:56	11/04/21 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*101*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:54*	*1*
2,4-Dichlorophenylacetic acid	*135*		*65 - 150*	*11/03/21 23:56*	*11/04/21 12:54*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.70**	**J**	1.2	0.10	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Arsenic	**8.6**		1.2	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Barium	**97.9**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Beryllium	**0.71**		0.47	0.067	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Cadmium	**0.33**	**J**	1.2	0.13	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Cobalt	**7.9**		2.3	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Chromium	**28.5**		2.3	0.31	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Copper	**47.9**		2.3	0.43	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Manganese	**372**		4.7	0.47	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Nickel	**13.4**		2.3	0.55	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Lead	**89.3**		0.70	0.23	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Antimony	**0.55**	**J**	1.2	0.17	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Selenium	**0.83**	**J**	1.5	0.15	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Vanadium	**39.7**		2.3	0.24	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Zinc	**101**		9.4	3.6	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Aluminum	**15400**		23.4	6.4	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Sodium	**53.8**	**J**	117	53.4	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Magnesium	**1880**		117	11.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Potassium	**591**		117	14.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Calcium	**765**		117	20.7	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Iron	**21200**		70.1	23.6	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1
Thallium	**0.24**	**J**	0.47	0.048	mg/Kg	☼	11/04/21 03:52	11/04/21 12:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**		0.021	0.0098	mg/Kg	☼	11/04/21 03:45	11/04/21 08:39	1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00048	U	0.0011	0.00048	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Bromomethane	0.0011	U	0.0022	0.0011	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Vinyl chloride	0.00060	U	0.0011	0.00060	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.00058	U	0.0011	0.00058	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Methylene Chloride	0.0013	U	0.0022	0.0013	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Acetone	0.0063	U	0.0066	0.0063	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Carbon disulfide	0.00029	U	0.0011	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Trichlorofluoromethane	0.00045	U	0.0011	0.00045	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1-Dichloroethene	0.00025	U	0.0011	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1-Dichloroethane	0.00023	U	0.0011	0.00023	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
cis-1,2-Dichloroethene	0.00040	U	0.0011	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2-Dichloroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
2-Butanone (MEK)	0.00041	U	0.0055	0.00041	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Carbon tetrachloride	0.00043	U	0.0011	0.00043	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Dichlorobromomethane	0.00028	U	0.0011	0.00028	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2-Dichloropropane	0.00047	U	0.0011	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Trichloroethene	0.00036	U	0.0011	0.00036	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Chlorodibromomethane	0.00021	U	0.0011	0.00021	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Benzene	0.00029	U	0.0011	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Bromoform	0.00047	U	0.0011	0.00047	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
2-Hexanone	0.0019	U	0.0055	0.0019	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Tetrachloroethene	0.00034	U	0.0011	0.00034	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Toluene	0.00026	U	0.0011	0.00026	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Chlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Ethylbenzene	0.00022	U	0.0011	0.00022	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Styrene	0.00031	U	0.0011	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Xylenes, Total	0.00071	U	0.0022	0.00071	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U	0.0011	0.00033	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Methyl tert-butyl ether	0.00057	U	0.0011	0.00057	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Cyclohexane	0.00024	U	0.0011	0.00024	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Ethylene Dibromide	0.00020	U	0.0011	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Dichlorodifluoromethane	0.00037	U	0.0011	0.00037	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,4-Dioxane	0.010	U	0.022	0.010	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Chlorobromomethane	0.00031	U	0.0011	0.00031	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Isopropylbenzene	0.00032	U	0.0011	0.00032	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Methyl acetate	0.0048	U	0.0055	0.0048	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1
Methylcyclohexane	0.00055	U	0.0011	0.00055	mg/Kg	☼	10/30/21 04:39	11/02/21 22:48	1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg	☼			10/30/21 04:39	11/02/21 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 145	10/30/21 04:39	11/02/21 22:48	1
Toluene-d8 (Surr)	88		80 - 120	10/30/21 04:39	11/02/21 22:48	1
4-Bromofluorobenzene	97		70 - 139	10/30/21 04:39	11/02/21 22:48	1
Dibromofluoromethane (Surr)	102		48 - 150	10/30/21 04:39	11/02/21 22:48	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Chlorophenol	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Methylphenol	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Methylphenol	0.024	U	0.39	0.024	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Nitrophenol	0.039	U	0.39	0.039	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4-Dimethylphenol	0.017	U	0.39	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4-Dichlorophenol	0.025	U	0.16	0.025	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Chloro-3-methylphenol	0.022	U	0.39	0.022	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4,6-Trichlorophenol	0.050	U	0.16	0.050	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4,5-Trichlorophenol	0.039	U	0.39	0.039	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4-Dinitrotoluene	0.042	U	0.078	0.042	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Nitrophenol	0.063	U	0.78	0.063	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Pentachlorophenol	0.079	U	0.31	0.079	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Bis(2-chloroethyl)ether	0.013	U	0.039	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
1,3-Dichlorobenzene	0.0051	U	0.39	0.0051	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
1,4-Dichlorobenzene	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
1,2-Dichlorobenzene	0.0066	U	0.39	0.0066	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Hexachloroethane	0.013	U	0.039	0.013	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Nitrobenzene	0.0093	U	0.039	0.0093	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Isophorone	0.11	U	0.16	0.11	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
1,2,4-Trichlorobenzene	0.010	U	0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Naphthalene	0.0067	U	0.39	0.0067	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Hexachlorobutadiene	0.0082	U	0.078	0.0082	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Methylnaphthalene	0.011	U	0.39	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Hexachlorocyclopentadiene	0.034	U	0.39	0.034	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Chloronaphthalene	0.018	U	0.39	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2-Nitroaniline	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Dimethyl phthalate	0.088	U	0.39	0.088	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Acenaphthylene	0.0039	U	0.39	0.0039	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,6-Dinitrotoluene	0.028	U	0.078	0.028	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
3-Nitroaniline	0.044	U	0.39	0.044	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Acenaphthene	0.011	U	0.39	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Dibenzofuran	0.0054	U	0.39	0.0054	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,4-Dinitrophenol	0.19	U	0.31	0.19	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Diethyl phthalate	0.0056	U	0.39	0.0056	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Fluorene	0.0053	U	0.39	0.0053	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Nitroaniline	0.044	U	0.39	0.044	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	0.032	U	0.39	0.032	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
4-Bromophenyl phenyl ether	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Hexachlorobenzene	0.018	U	0.039	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Phenanthrene	**0.059**	**J**	0.39	0.0068	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Anthracene	0.012	U	0.39	0.012	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Carbazole	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Di-n-butyl phthalate	0.015	U	0.39	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Fluoranthene	**0.10**	**J**	0.39	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Pyrene	**0.085**	**J**	0.39	0.0096	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Butyl benzyl phthalate	0.018	U	0.39	0.018	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Benzo[a]anthracene	**0.052**		0.039	0.014	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Chrysene	**0.066**	**J**	0.39	0.0065	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Bis(2-ethylhexyl) phthalate	0.020	U	0.39	0.020	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Di-n-octyl phthalate	0.021	U	0.39	0.021	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Benzo[b]fluoranthene	**0.080**		0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Benzo[k]fluoranthene	**0.022**	**J**	0.039	0.0076	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Benzo[a]pyrene	**0.049**		0.039	0.010	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Indeno[1,2,3-cd]pyrene	**0.041**		0.039	0.015	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Dibenz(a,h)anthracene	0.017	U	0.039	0.017	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Benzo[g,h,i]perylene	**0.037**	**J**	0.39	0.011	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
2,2'-oxybis[1-chloropropane]	0.0070	U	0.39	0.0070	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
3,3'-Dichlorobenzidine	0.058	U	0.16	0.058	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1
Bis(2-chloroethoxy)methane	0.030	U	0.39	0.030	mg/Kg	☼	10/31/21 17:38	11/01/21 17:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*1.1*	*A J*	*mg/Kg*	☼	*2.98*		*10/31/21 17:38*	*11/01/21 17:48*	*1*
Cyclooctacosane	*0.56*	*J N*	*mg/Kg*	☼	*13.10*	*297-24-5*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
.beta.-Sitosterol	*0.79*	*J N*	*mg/Kg*	☼	*15.67*	*83-46-5*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
Stigmast-4-en-3-one	*0.32*	*J N*	*mg/Kg*	☼	*16.72*	*1058-61-3*	*10/31/21 17:38*	*11/01/21 17:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*36*		*11 - 104*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
Phenol-d5	*46*		*15 - 100*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
Terphenyl-d14	*75*		*12 - 126*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
2,4,6-Tribromophenol	*84*		*10 - 123*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
2-Fluorophenol	*43*		*10 - 105*	*10/31/21 17:38*	*11/01/21 17:48*	*1*
2-Fluorobiphenyl	*49*		*14 - 103*	*10/31/21 17:38*	*11/01/21 17:48*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0012	U	0.0078	0.0012	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
alpha-BHC	0.00080	U	0.0023	0.00080	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
beta-BHC	0.00088	U	0.0023	0.00088	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
delta-BHC	0.00048	U	0.0023	0.00048	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
gamma-BHC (Lindane)	0.00073	U	0.0023	0.00073	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Chlordane (technical)	0.019	U	0.078	0.019	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
4,4'-DDD	0.0013	U	0.0078	0.0013	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
4,4'-DDE	0.00092	U	0.0078	0.00092	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
4,4'-DDT	0.0014	U	0.0078	0.0014	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Dieldrin	0.0010	U	0.0023	0.0010	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1

Client Sample ID: HA-7
Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9
Matrix: Solid
Percent Solids: 85.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I	0.0012	U	0.0078	0.0012	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Endosulfan II	0.0020	U	0.0078	0.0020	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Endosulfan sulfate	0.00098	U	0.0078	0.00098	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Endrin	0.0011	U	0.0078	0.0011	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Endrin aldehyde	0.0018	U	0.0078	0.0018	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Endrin ketone	0.0015	U	0.0078	0.0015	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Heptachlor	0.00092	U	0.0078	0.00092	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Heptachlor epoxide	0.0012	U	0.0078	0.0012	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Methoxychlor	0.0018	U	0.0078	0.0018	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1
Toxaphene	0.028	U	0.078	0.028	mg/Kg	☼	10/31/21 09:13	11/02/21 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*42*		*10 - 133*	*10/31/21 09:13*	*11/02/21 10:27*	*1*
Tetrachloro-m-xylene	*54*		*10 - 133*	*10/31/21 09:13*	*11/02/21 10:27*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 150*	*10/31/21 09:13*	*11/02/21 10:27*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 150*	*10/31/21 09:13*	*11/02/21 10:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1221	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1232	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1242	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1248	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1254	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1260	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
PCB-1262	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1
Aroclor 1268	0.021	U	0.078	0.021	mg/Kg	☼	10/31/21 09:10	11/02/21 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*		*37 - 150*	*10/31/21 09:10*	*11/02/21 19:19*	*1*
DCB Decachlorobiphenyl	*154*	*S1+*	*37 - 150*	*10/31/21 09:10*	*11/02/21 19:19*	*1*
Tetrachloro-m-xylene	*103*		*54 - 150*	*10/31/21 09:10*	*11/02/21 19:19*	*1*
Tetrachloro-m-xylene	*101*		*54 - 150*	*10/31/21 09:10*	*11/02/21 19:19*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	14	U	39	14	ug/Kg	☼	11/03/21 23:56	11/04/21 13:07	1
Silvex (2,4,5-TP)	4.1	U *+ *1	39	4.1	ug/Kg	☼	11/03/21 23:56	11/04/21 13:07	1
2,4,5-T	8.3	U	39	8.3	ug/Kg	☼	11/03/21 23:56	11/04/21 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*65 - 150*	*11/03/21 23:56*	*11/04/21 13:07*	*1*
2,4-Dichlorophenylacetic acid	*141*		*65 - 150*	*11/03/21 23:56*	*11/04/21 13:07*	*1*

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**1.7**		1.1	0.096	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Arsenic	**10.4**		1.1	0.11	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Barium	**93.7**		2.2	0.16	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Beryllium	**0.73**		0.43	0.062	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.55	J	1.1	0.12	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Cobalt	7.1		2.2	0.16	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Chromium	32.0		2.2	0.29	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Copper	59.2		2.2	0.40	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Manganese	266		4.3	0.44	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Nickel	15.4		2.2	0.51	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Lead	90.6		0.65	0.22	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Antimony	0.65	J	1.1	0.16	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Selenium	0.88	J	1.4	0.14	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Vanadium	40.8		2.2	0.22	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Zinc	115		8.7	3.3	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Aluminum	14000		21.7	5.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Sodium	51.3	J	108	49.5	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Magnesium	1910		108	11.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Potassium	683		108	13.1	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Calcium	854		108	19.2	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Iron	22800		65.0	21.9	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1
Thallium	0.21	J	0.43	0.044	mg/Kg	☼	11/04/21 03:52	11/04/21 12:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.086		0.018	0.0085	mg/Kg	☼	11/04/21 03:45	11/04/21 08:41	1

Surrogate Summary

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(77-145)	(80-120)	(70-139)	(48-150)
460-246210-1	SB-1	94	87	97	103
460-246210-2	SB-2	102	93	104	108
460-246210-3	HA-1	97	90	99	104
460-246210-4	HA-2	94	88	96	100
460-246210-5	HA-3	95	87	95	99
460-246210-6	HA-4	93	87	93	97
460-246210-7	HA-5	94	88	97	101
460-246210-8	HA-6	99	91	98	105
460-246210-9	HA-7	95	88	97	102
LB3 460-810288/1-A	Method Blank	92	89	97	102
LCS 460-810773/3	Lab Control Sample	89	89	95	97
LCS 460-810922/3	Lab Control Sample	96	97	102	102
LCSD 460-810773/4	Lab Control Sample Dup	98	98	102	104
LCSD 460-810922/5	Lab Control Sample Dup	97	96	100	102
MB 460-810773/8	Method Blank	89	86	93	98
MB 460-810922/9	Method Blank	99	91	100	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHL	TBP	2FP	FBP
Lab Sample ID	Client Sample ID	(11-104)	(15-100)	(12-126)	(10-123)	(10-105)	(14-103)
460-246194-A-1-D MS	Matrix Spike	65	73	75	84	77	73
460-246194-A-1-E MSD	Matrix Spike Duplicate	61	65	70	77	68	66
460-246210-1	SB-1	62	83	66	79	82	66
460-246210-2	SB-2	99	105 S1+	100	102	105	98
460-246210-3	HA-1	64	69	78	80	74	72
460-246210-4	HA-2	63	71	79	80	74	71
460-246210-5	HA-3	47	52	70	74	54	57
460-246210-6	HA-4	55	59	77	76	63	64
460-246210-7	HA-5	62	70	79	78	73	72
460-246210-8	HA-6	50	56	70	70	57	59
460-246210-9	HA-7	36	46	75	84	43	49
LCS 460-810548/2-A	Lab Control Sample	82	88	101	103	92	91
LCSD 460-810548/3-A	Lab Control Sample Dup	81	89	102	100	93	89
MB 460-810548/1-A	Method Blank	88	97	105	105	101	94

Surrogate Legend

NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHL = Terphenyl-d14
TBP = 2,4,6-Tribromophenol
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (10-133)	TCX2 (10-133)	DCBP1 (10-150)	DCBP2 (10-150)
460-246210-1	SB-1	30	29	79	95
460-246210-2	SB-2	35	20	75	90
460-246210-3	HA-1	43	41	77	95
460-246210-4	HA-2	38	35	74	113
460-246210-5	HA-3	56	54	94	118
460-246210-6	HA-4	35	33	76	93
460-246210-7	HA-5	40	37	79	92
460-246210-8	HA-6	51	49	84	87
460-246210-9	HA-7	54	42	70	86
LCS 460-810508/2-A	Lab Control Sample	72	68	67	84
LCSD 460-810508/3-A	Lab Control Sample Dup	75	72	72	89
MB 460-810508/1-A	Method Blank	81	81	87	105

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (37-150)	DCBP2 (37-150)	TCX1 (54-150)	TCX2 (54-150)
460-246210-1	SB-1	134	127	47 S1-	48 S1-
460-246210-2	SB-2	144	137	36 S1-	37 S1-
460-246210-3	HA-1	123	126	56	62
460-246210-4	HA-2	123	118	55	57
460-246210-5	HA-3	133	128	74	76
460-246210-6	HA-4	134	130	56	58
460-246210-7	HA-5	134	125	61	63
460-246210-8	HA-6	149	146	93	98
460-246210-9	HA-7	154 S1+	144	101	103
LCS 460-810507/2-A	Lab Control Sample	108	103	96	97
LCSD 460-810507/3-A	Lab Control Sample Dup	114	108	101	101
MB 460-810507/1-A	Method Blank	111	104	88	89

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (65-150)	DCPAA2 (65-150)
460-246210-1	SB-1	135	112
460-246210-2	SB-2	145	98
460-246210-3	HA-1	115	85
460-246210-4	HA-2	106	48 S1-
460-246210-5	HA-3	129	86

Surrogate Summary

Client: Pennoni Associates, Inc. Job ID: 460-246210-1
Project/Site: KLMLX21003

Method: 8151A - Herbicides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (65-150)	DCPAA2 (65-150)
460-246210-6	HA-4	107	68
460-246210-7	HA-5	95	62 S1-
460-246210-8	HA-6	135	101
460-246210-9	HA-7	141	87
LCS 460-811219/2-A	Lab Control Sample	86	76
LCSD 460-811219/3-A	Lab Control Sample Dup	89	77
MB 460-811219/1-A	Method Blank	83	77

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-810288/1-A
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810288

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,4-Dioxane	0.0092	U	0.020	0.0092	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg		10/30/21 04:39	11/02/21 10:26	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LB3 460-810288/1-A
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810288

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg		10/30/21 04:39	11/02/21 10:26	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg		10/30/21 04:39	11/02/21 10:26	1

Tentatively Identified Compound	*LB3 Est. Result*	*LB3 Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*				*10/30/21 04:39*	*11/02/21 10:26*	*1*

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 145*	*10/30/21 04:39*	*11/02/21 10:26*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*10/30/21 04:39*	*11/02/21 10:26*	*1*
4-Bromofluorobenzene	*97*		*70 - 139*	*10/30/21 04:39*	*11/02/21 10:26*	*1*
Dibromofluoromethane (Surr)	*102*		*48 - 150*	*10/30/21 04:39*	*11/02/21 10:26*	*1*

Lab Sample ID: MB 460-810773/8
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			11/02/21 10:04	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			11/02/21 10:04	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			11/02/21 10:04	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			11/02/21 10:04	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			11/02/21 10:04	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			11/02/21 10:04	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 10:04	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			11/02/21 10:04	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 10:04	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			11/02/21 10:04	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			11/02/21 10:04	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 10:04	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			11/02/21 10:04	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			11/02/21 10:04	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			11/02/21 10:04	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 10:04	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			11/02/21 10:04	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			11/02/21 10:04	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			11/02/21 10:04	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 10:04	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			11/02/21 10:04	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			11/02/21 10:04	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 10:04	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			11/02/21 10:04	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 10:04	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			11/02/21 10:04	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			11/02/21 10:04	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			11/02/21 10:04	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			11/02/21 10:04	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			11/02/21 10:04	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-810773/8
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 10:04	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 10:04	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			11/02/21 10:04	1
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			11/02/21 10:04	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg			11/02/21 10:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			11/02/21 10:04	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			11/02/21 10:04	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			11/02/21 10:04	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 10:04	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			11/02/21 10:04	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 10:04	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 10:04	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			11/02/21 10:04	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 10:04	1
1,4-Dioxane	0.0092	U	0.020	0.0092	mg/Kg			11/02/21 10:04	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 10:04	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			11/02/21 10:04	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			11/02/21 10:04	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			11/02/21 10:04	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			11/02/21 10:04	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			11/02/21 10:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*11/02/21 10:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 145*		*11/02/21 10:04*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*11/02/21 10:04*	*1*
4-Bromofluorobenzene	*93*		*70 - 139*		*11/02/21 10:04*	*1*
Dibromofluoromethane (Surr)	*98*		*48 - 150*		*11/02/21 10:04*	*1*

Lab Sample ID: LCS 460-810773/3
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0200	0.0217		mg/Kg		109	48 - 150
Bromomethane	0.0200	0.0237		mg/Kg		118	46 - 150
Vinyl chloride	0.0200	0.0211		mg/Kg		106	56 - 147
Chloroethane	0.0200	0.0252		mg/Kg		126	49 - 150
Methylene Chloride	0.0200	0.0180		mg/Kg		90	76 - 127
Acetone	0.100	0.0762		mg/Kg		76	63 - 131
Carbon disulfide	0.0200	0.0193		mg/Kg		97	67 - 136
Trichlorofluoromethane	0.0200	0.0184		mg/Kg		92	67 - 142
1,1-Dichloroethene	0.0200	0.0185		mg/Kg		92	77 - 132
1,1-Dichloroethane	0.0200	0.0182		mg/Kg		91	76 - 129
trans-1,2-Dichloroethene	0.0200	0.0179		mg/Kg		90	78 - 128
cis-1,2-Dichloroethene	0.0200	0.0172		mg/Kg		86	80 - 123

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-810773/3
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.0200	0.0170		mg/Kg		85	79 - 126
1,2-Dichloroethane	0.0200	0.0153		mg/Kg		77	70 - 132
2-Butanone (MEK)	0.100	0.0723	*-	mg/Kg		72	75 - 120
1,1,1-Trichloroethane	0.0200	0.0166		mg/Kg		83	78 - 132
Carbon tetrachloride	0.0200	0.0162		mg/Kg		81	72 - 136
Dichlorobromomethane	0.0200	0.0164		mg/Kg		82	73 - 124
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0165		mg/Kg		83	72 - 120
Trichloroethene	0.0200	0.0169		mg/Kg		85	79 - 120
Chlorodibromomethane	0.0200	0.0152		mg/Kg		76	62 - 128
1,1,2-Trichloroethane	0.0200	0.0171		mg/Kg		85	75 - 120
Benzene	0.0200	0.0178		mg/Kg		89	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0158		mg/Kg		79	68 - 120
Bromoform	0.0200	0.0150		mg/Kg		75	48 - 142
4-Methyl-2-pentanone (MIBK)	0.100	0.0793	*-	mg/Kg		79	80 - 122
2-Hexanone	0.100	0.0778		mg/Kg		78	78 - 120
Tetrachloroethene	0.0200	0.0157		mg/Kg		79	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	69 - 123
Toluene	0.0200	0.0163		mg/Kg		81	80 - 120
Chlorobenzene	0.0200	0.0159	*-	mg/Kg		79	80 - 120
Ethylbenzene	0.0200	0.0163		mg/Kg		81	80 - 120
Styrene	0.0200	0.0168		mg/Kg		84	80 - 120
Xylenes, Total	0.0400	0.0327		mg/Kg		82	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0193		mg/Kg		97	78 - 136
Methyl tert-butyl ether	0.0200	0.0172		mg/Kg		86	80 - 125
Cyclohexane	0.0200	0.0190		mg/Kg		95	80 - 132
Ethylene Dibromide	0.0200	0.0162		mg/Kg		81	79 - 120
1,3-Dichlorobenzene	0.0200	0.0168		mg/Kg		84	80 - 120
1,4-Dichlorobenzene	0.0200	0.0169		mg/Kg		85	80 - 120
1,2-Dichlorobenzene	0.0200	0.0169		mg/Kg		85	80 - 120
Dichlorodifluoromethane	0.0200	0.0197		mg/Kg		99	40 - 146
1,2,4-Trichlorobenzene	0.0200	0.0163		mg/Kg		81	75 - 120
1,4-Dioxane	0.400	0.321		mg/Kg		80	73 - 136
1,2,3-Trichlorobenzene	0.0200	0.0176		mg/Kg		88	65 - 144
1,2-Dibromo-3-Chloropropane	0.0200	0.0176		mg/Kg		88	60 - 126
Chlorobromomethane	0.0200	0.0168		mg/Kg		84	76 - 127
Isopropylbenzene	0.0200	0.0170		mg/Kg		85	80 - 120
Methyl acetate	0.0400	0.0410		mg/Kg		102	58 - 143
Methylcyclohexane	0.0200	0.0184		mg/Kg		92	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 145*
Toluene-d8 (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene	*95*		*70 - 139*
Dibromofluoromethane (Surr)	*97*		*48 - 150*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-810773/4
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0237		mg/Kg		118	48 - 150	9	30
Bromomethane	0.0200	0.0251		mg/Kg		126	46 - 150	6	30
Vinyl chloride	0.0200	0.0222		mg/Kg		111	56 - 147	5	30
Chloroethane	0.0200	0.0271		mg/Kg		135	49 - 150	7	30
Methylene Chloride	0.0200	0.0203		mg/Kg		101	76 - 127	12	30
Acetone	0.100	0.0845		mg/Kg		84	63 - 131	10	30
Carbon disulfide	0.0200	0.0219		mg/Kg		109	67 - 136	12	30
Trichlorofluoromethane	0.0200	0.0200		mg/Kg		100	67 - 142	8	30
1,1-Dichloroethene	0.0200	0.0210		mg/Kg		105	77 - 132	13	30
1,1-Dichloroethane	0.0200	0.0205		mg/Kg		102	76 - 129	11	30
trans-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	78 - 128	13	30
cis-1,2-Dichloroethene	0.0200	0.0196		mg/Kg		98	80 - 123	13	30
Chloroform	0.0200	0.0191		mg/Kg		95	79 - 126	12	30
1,2-Dichloroethane	0.0200	0.0173		mg/Kg		86	70 - 132	12	30
2-Butanone (MEK)	0.100	0.0813		mg/Kg		81	75 - 120	12	30
1,1,1-Trichloroethane	0.0200	0.0188		mg/Kg		94	78 - 132	12	30
Carbon tetrachloride	0.0200	0.0183		mg/Kg		91	72 - 136	12	30
Dichlorobromomethane	0.0200	0.0187		mg/Kg		93	73 - 124	13	30
1,2-Dichloropropane	0.0200	0.0204		mg/Kg		102	73 - 124	13	30
cis-1,3-Dichloropropene	0.0200	0.0185		mg/Kg		92	72 - 120	11	30
Trichloroethene	0.0200	0.0192		mg/Kg		96	79 - 120	13	30
Chlorodibromomethane	0.0200	0.0171		mg/Kg		85	62 - 128	12	30
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	75 - 120	12	30
Benzene	0.0200	0.0199		mg/Kg		99	80 - 123	11	30
trans-1,3-Dichloropropene	0.0200	0.0179		mg/Kg		90	68 - 120	12	30
Bromoform	0.0200	0.0173		mg/Kg		87	48 - 142	14	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0911		mg/Kg		91	80 - 122	14	30
2-Hexanone	0.100	0.0886		mg/Kg		89	78 - 120	13	30
Tetrachloroethene	0.0200	0.0177		mg/Kg		89	78 - 123	12	30
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/Kg		104	69 - 123	12	30
Toluene	0.0200	0.0188		mg/Kg		94	80 - 120	14	30
Chlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120	13	30
Ethylbenzene	0.0200	0.0182		mg/Kg		91	80 - 120	11	30
Styrene	0.0200	0.0187		mg/Kg		94	80 - 120	11	30
Xylenes, Total	0.0400	0.0365		mg/Kg		91	80 - 120	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0220		mg/Kg		110	78 - 136	13	30
Methyl tert-butyl ether	0.0200	0.0196		mg/Kg		98	80 - 125	13	30
Cyclohexane	0.0200	0.0215		mg/Kg		107	80 - 132	12	30
Ethylene Dibromide	0.0200	0.0184		mg/Kg		92	79 - 120	13	30
1,3-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	12	30
1,4-Dichlorobenzene	0.0200	0.0190		mg/Kg		95	80 - 120	12	30
1,2-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120	11	30
Dichlorodifluoromethane	0.0200	0.0217		mg/Kg		108	40 - 146	9	30
1,2,4-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	75 - 120	11	30
1,4-Dioxane	0.400	0.339		mg/Kg		85	73 - 136	5	30
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	65 - 144	9	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0190		mg/Kg		95	60 - 126	7	30
Chlorobromomethane	0.0200	0.0192		mg/Kg		96	76 - 127	13	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-810773/4
Matrix: Solid
Analysis Batch: 810773

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0188		mg/Kg		94	80 - 120	10	30
Methyl acetate			0.0400	0.0457		mg/Kg		114	58 - 143	11	30
Methylcyclohexane			0.0200	0.0209		mg/Kg		104	79 - 133	13	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 145*
Toluene-d8 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene	*102*		*70 - 139*
Dibromofluoromethane (Surr)	*104*		*48 - 150*

Lab Sample ID: MB 460-810922/9
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00044	U	0.0010	0.00044	mg/Kg			11/02/21 22:04	1
Bromomethane	0.0010	U	0.0020	0.0010	mg/Kg			11/02/21 22:04	1
Vinyl chloride	0.00055	U	0.0010	0.00055	mg/Kg			11/02/21 22:04	1
Chloroethane	0.00052	U	0.0010	0.00052	mg/Kg			11/02/21 22:04	1
Methylene Chloride	0.0011	U	0.0020	0.0011	mg/Kg			11/02/21 22:04	1
Acetone	0.0057	U	0.0060	0.0057	mg/Kg			11/02/21 22:04	1
Carbon disulfide	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 22:04	1
Trichlorofluoromethane	0.00041	U	0.0010	0.00041	mg/Kg			11/02/21 22:04	1
1,1-Dichloroethene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 22:04	1
1,1-Dichloroethane	0.00021	U	0.0010	0.00021	mg/Kg			11/02/21 22:04	1
trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025	mg/Kg			11/02/21 22:04	1
cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 22:04	1
Chloroform	0.00097	U	0.0010	0.00097	mg/Kg			11/02/21 22:04	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			11/02/21 22:04	1
2-Butanone (MEK)	0.00037	U	0.0050	0.00037	mg/Kg			11/02/21 22:04	1
1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 22:04	1
Carbon tetrachloride	0.00039	U	0.0010	0.00039	mg/Kg			11/02/21 22:04	1
Dichlorobromomethane	0.00026	U	0.0010	0.00026	mg/Kg			11/02/21 22:04	1
1,2-Dichloropropane	0.00042	U	0.0010	0.00042	mg/Kg			11/02/21 22:04	1
cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 22:04	1
Trichloroethene	0.00032	U	0.0010	0.00032	mg/Kg			11/02/21 22:04	1
Chlorodibromomethane	0.00019	U	0.0010	0.00019	mg/Kg			11/02/21 22:04	1
1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 22:04	1
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			11/02/21 22:04	1
trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027	mg/Kg			11/02/21 22:04	1
Bromoform	0.00043	U	0.0010	0.00043	mg/Kg			11/02/21 22:04	1
4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016	mg/Kg			11/02/21 22:04	1
2-Hexanone	0.0017	U	0.0050	0.0017	mg/Kg			11/02/21 22:04	1
Tetrachloroethene	0.00031	U	0.0010	0.00031	mg/Kg			11/02/21 22:04	1
1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021	mg/Kg			11/02/21 22:04	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 22:04	1
Chlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 22:04	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			11/02/21 22:04	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-810922/9
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.00028	U	0.0010	0.00028	mg/Kg			11/02/21 22:04	1
Xylenes, Total	0.00064	U	0.0020	0.00064	mg/Kg			11/02/21 22:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030	mg/Kg			11/02/21 22:04	1
Methyl tert-butyl ether	0.00051	U	0.0010	0.00051	mg/Kg			11/02/21 22:04	1
Cyclohexane	0.00022	U	0.0010	0.00022	mg/Kg			11/02/21 22:04	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 22:04	1
1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037	mg/Kg			11/02/21 22:04	1
1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023	mg/Kg			11/02/21 22:04	1
1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 22:04	1
Dichlorodifluoromethane	0.00034	U	0.0010	0.00034	mg/Kg			11/02/21 22:04	1
1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036	mg/Kg			11/02/21 22:04	1
1,4-Dioxane	0.0092	U	0.020	0.0092	mg/Kg			11/02/21 22:04	1
1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018	mg/Kg			11/02/21 22:04	1
1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046	mg/Kg			11/02/21 22:04	1
Chlorobromomethane	0.00028	U	0.0010	0.00028	mg/Kg			11/02/21 22:04	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			11/02/21 22:04	1
Methyl acetate	0.0043	U	0.0050	0.0043	mg/Kg			11/02/21 22:04	1
Methylcyclohexane	0.00050	U	0.0010	0.00050	mg/Kg			11/02/21 22:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*					*11/02/21 22:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 145*		*11/02/21 22:04*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/02/21 22:04*	*1*
4-Bromofluorobenzene	*100*		*70 - 139*		*11/02/21 22:04*	*1*
Dibromofluoromethane (Surr)	*103*		*48 - 150*		*11/02/21 22:04*	*1*

Lab Sample ID: LCS 460-810922/3
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0200	0.0229		mg/Kg		114	48 - 150
Bromomethane	0.0200	0.0241		mg/Kg		121	46 - 150
Vinyl chloride	0.0200	0.0215		mg/Kg		108	56 - 147
Chloroethane	0.0200	0.0250		mg/Kg		125	49 - 150
Methylene Chloride	0.0200	0.0200		mg/Kg		100	76 - 127
Acetone	0.100	0.0854		mg/Kg		85	63 - 131
Carbon disulfide	0.0200	0.0217		mg/Kg		108	67 - 136
Trichlorofluoromethane	0.0200	0.0196		mg/Kg		98	67 - 142
1,1-Dichloroethene	0.0200	0.0206		mg/Kg		103	77 - 132
1,1-Dichloroethane	0.0200	0.0201		mg/Kg		101	76 - 129
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 128
cis-1,2-Dichloroethene	0.0200	0.0192		mg/Kg		96	80 - 123
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126
1,2-Dichloroethane	0.0200	0.0170		mg/Kg		85	70 - 132
2-Butanone (MEK)	0.100	0.0803		mg/Kg		80	75 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-810922/3
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0181		mg/Kg		91	78 - 132
Carbon tetrachloride	0.0200	0.0177		mg/Kg		88	72 - 136
Dichlorobromomethane	0.0200	0.0180		mg/Kg		90	73 - 124
1,2-Dichloropropane	0.0200	0.0203		mg/Kg		101	73 - 124
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	72 - 120
Trichloroethene	0.0200	0.0191		mg/Kg		95	79 - 120
Chlorodibromomethane	0.0200	0.0166		mg/Kg		83	62 - 128
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		96	75 - 120
Benzene	0.0200	0.0198		mg/Kg		99	80 - 123
trans-1,3-Dichloropropene	0.0200	0.0180		mg/Kg		90	68 - 120
Bromoform	0.0200	0.0169		mg/Kg		84	48 - 142
4-Methyl-2-pentanone (MIBK)	0.100	0.0885		mg/Kg		89	80 - 122
2-Hexanone	0.100	0.0876		mg/Kg		88	78 - 120
Tetrachloroethene	0.0200	0.0174		mg/Kg		87	78 - 123
1,1,2,2-Tetrachloroethane	0.0200	0.0207		mg/Kg		104	69 - 123
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
Chlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120
Ethylbenzene	0.0200	0.0179		mg/Kg		90	80 - 120
Styrene	0.0200	0.0184		mg/Kg		92	80 - 120
Xylenes, Total	0.0400	0.0358		mg/Kg		90	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0214		mg/Kg		107	78 - 136
Methyl tert-butyl ether	0.0200	0.0191		mg/Kg		95	80 - 125
Cyclohexane	0.0200	0.0208		mg/Kg		104	80 - 132
Ethylene Dibromide	0.0200	0.0181		mg/Kg		90	79 - 120
1,3-Dichlorobenzene	0.0200	0.0185		mg/Kg		93	80 - 120
1,4-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120
Dichlorodifluoromethane	0.0200	0.0213		mg/Kg		106	40 - 146
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		88	75 - 120
1,4-Dioxane	0.400	0.367		mg/Kg		92	73 - 136
1,2,3-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	65 - 144
1,2-Dibromo-3-Chloropropane	0.0200	0.0193		mg/Kg		97	60 - 126
Chlorobromomethane	0.0200	0.0184		mg/Kg		92	76 - 127
Isopropylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Methyl acetate	0.0400	0.0441		mg/Kg		110	58 - 143
Methylcyclohexane	0.0200	0.0194		mg/Kg		97	79 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 145*
Toluene-d8 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene	*102*		*70 - 139*
Dibromofluoromethane (Surr)	*102*		*48 - 150*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-810922/5
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	0.0200	0.0245		mg/Kg		123	48 - 150	7	30
Bromomethane	0.0200	0.0216		mg/Kg		108	46 - 150	11	30
Vinyl chloride	0.0200	0.0233		mg/Kg		117	56 - 147	8	30
Chloroethane	0.0200	0.0268		mg/Kg		134	49 - 150	7	30
Methylene Chloride	0.0200	0.0214		mg/Kg		107	76 - 127	7	30
Acetone	0.100	0.0874		mg/Kg		87	63 - 131	2	30
Carbon disulfide	0.0200	0.0239		mg/Kg		120	67 - 136	10	30
Trichlorofluoromethane	0.0200	0.0217		mg/Kg		108	67 - 142	10	30
1,1-Dichloroethene	0.0200	0.0229		mg/Kg		114	77 - 132	10	30
1,1-Dichloroethane	0.0200	0.0220		mg/Kg		110	76 - 129	9	30
trans-1,2-Dichloroethene	0.0200	0.0219		mg/Kg		110	78 - 128	9	30
cis-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		104	80 - 123	8	30
Chloroform	0.0200	0.0201		mg/Kg		101	79 - 126	8	30
1,2-Dichloroethane	0.0200	0.0187		mg/Kg		93	70 - 132	9	30
2-Butanone (MEK)	0.100	0.0829		mg/Kg		83	75 - 120	3	30
1,1,1-Trichloroethane	0.0200	0.0204		mg/Kg		102	78 - 132	12	30
Carbon tetrachloride	0.0200	0.0199		mg/Kg		100	72 - 136	12	30
Dichlorobromomethane	0.0200	0.0198		mg/Kg		99	73 - 124	9	30
1,2-Dichloropropane	0.0200	0.0221		mg/Kg		110	73 - 124	9	30
cis-1,3-Dichloropropene	0.0200	0.0199		mg/Kg		99	72 - 120	7	30
Trichloroethene	0.0200	0.0213		mg/Kg		107	79 - 120	11	30
Chlorodibromomethane	0.0200	0.0182		mg/Kg		91	62 - 128	9	30
1,1,2-Trichloroethane	0.0200	0.0210		mg/Kg		105	75 - 120	9	30
Benzene	0.0200	0.0216		mg/Kg		108	80 - 123	9	30
trans-1,3-Dichloropropene	0.0200	0.0192		mg/Kg		96	68 - 120	7	30
Bromoform	0.0200	0.0189		mg/Kg		94	48 - 142	11	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0909		mg/Kg		91	80 - 122	3	30
2-Hexanone	0.100	0.0896		mg/Kg		90	78 - 120	2	30
Tetrachloroethene	0.0200	0.0193		mg/Kg		97	78 - 123	11	30
1,1,2,2-Tetrachloroethane	0.0200	0.0226		mg/Kg		113	69 - 123	8	30
Toluene	0.0200	0.0201		mg/Kg		101	80 - 120	9	30
Chlorobenzene	0.0200	0.0192		mg/Kg		96	80 - 120	7	30
Ethylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120	10	30
Styrene	0.0200	0.0200		mg/Kg		100	80 - 120	8	30
Xylenes, Total	0.0400	0.0392		mg/Kg		98	80 - 120	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242		mg/Kg		121	78 - 136	12	30
Methyl tert-butyl ether	0.0200	0.0214		mg/Kg		107	80 - 125	12	30
Cyclohexane	0.0200	0.0236		mg/Kg		118	80 - 132	13	30
Ethylene Dibromide	0.0200	0.0199		mg/Kg		99	79 - 120	10	30
1,3-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	8	30
1,4-Dichlorobenzene	0.0200	0.0200		mg/Kg		100	80 - 120	7	30
1,2-Dichlorobenzene	0.0200	0.0199		mg/Kg		100	80 - 120	8	30
Dichlorodifluoromethane	0.0200	0.0235		mg/Kg		117	40 - 146	10	30
1,2,4-Trichlorobenzene	0.0200	0.0194		mg/Kg		97	75 - 120	9	30
1,4-Dioxane	0.400	0.353		mg/Kg		88	73 - 136	4	30
1,2,3-Trichlorobenzene	0.0200	0.0209		mg/Kg		104	65 - 144	12	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0224		mg/Kg		112	60 - 126	14	30
Chlorobromomethane	0.0200	0.0201		mg/Kg		100	76 - 127	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-810922/5
Matrix: Solid
Analysis Batch: 810922

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene			0.0200	0.0202		mg/Kg		101	80 - 120	12	30
Methyl acetate			0.0400	0.0511		mg/Kg		128	58 - 143	15	30
Methylcyclohexane			0.0200	0.0234		mg/Kg		117	79 - 133	19	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 145*
Toluene-d8 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene	*100*		*70 - 139*
Dibromofluoromethane (Surr)	*102*		*48 - 150*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-810548/1-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Chlorophenol	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Methylphenol	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Methylphenol	0.021	U	0.33	0.021	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Nitrophenol	0.033	U	0.33	0.033	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4-Dimethylphenol	0.015	U	0.33	0.015	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4-Dichlorophenol	0.021	U	0.13	0.021	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Chloro-3-methylphenol	0.019	U	0.33	0.019	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4,6-Trichlorophenol	0.042	U	0.13	0.042	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4,5-Trichlorophenol	0.034	U	0.33	0.034	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4-Dinitrotoluene	0.036	U	0.067	0.036	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Nitrophenol	0.054	U	0.67	0.054	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Pentachlorophenol	0.068	U	0.27	0.068	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Bis(2-chloroethyl)ether	0.012	U	0.033	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
1,3-Dichlorobenzene	0.0044	U	0.33	0.0044	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
1,4-Dichlorobenzene	0.013	U	0.33	0.013	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
1,2-Dichlorobenzene	0.0056	U	0.33	0.0056	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Hexachloroethane	0.011	U	0.033	0.011	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Nitrobenzene	0.0079	U	0.033	0.0079	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Isophorone	0.096	U	0.13	0.096	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Naphthalene	0.0057	U	0.33	0.0057	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Hexachlorobutadiene	0.0070	U	0.067	0.0070	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Methylnaphthalene	0.0093	U	0.33	0.0093	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Hexachlorocyclopentadiene	0.029	U	0.33	0.029	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Chloronaphthalene	0.015	U	0.33	0.015	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2-Nitroaniline	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Dimethyl phthalate	0.075	U	0.33	0.075	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Acenaphthylene	0.0033	U	0.33	0.0033	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,6-Dinitrotoluene	0.024	U	0.067	0.024	mg/Kg		10/31/21 17:38	11/01/21 10:49	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-810548/1-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	0.037	U	0.33	0.037	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Acenaphthene	0.0094	U	0.33	0.0094	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Dibenzofuran	0.0046	U	0.33	0.0046	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,4-Dinitrophenol	0.16	U	0.27	0.16	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Diethyl phthalate	0.0048	U	0.33	0.0048	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Fluorene	0.0045	U	0.33	0.0045	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Nitroaniline	0.038	U	0.33	0.038	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
N-Nitrosodiphenylamine	0.027	U	0.33	0.027	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
4-Bromophenyl phenyl ether	0.013	U	0.33	0.013	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Hexachlorobenzene	0.016	U	0.033	0.016	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Phenanthrene	0.0058	U	0.33	0.0058	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Anthracene	0.010	U	0.33	0.010	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Carbazole	0.013	U	0.33	0.013	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Di-n-butyl phthalate	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Fluoranthene	0.012	U	0.33	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Butyl benzyl phthalate	0.016	U	0.33	0.016	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Benzo[a]anthracene	0.012	U	0.033	0.012	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Chrysene	0.0056	U	0.33	0.0056	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Di-n-octyl phthalate	0.018	U	0.33	0.018	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Benzo[k]fluoranthene	0.0065	U	0.033	0.0065	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Dibenz(a,h)anthracene	0.014	U	0.033	0.014	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
3,3'-Dichlorobenzidine	0.050	U	0.13	0.050	mg/Kg		10/31/21 17:38	11/01/21 10:49	1
Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026	mg/Kg		10/31/21 17:38	11/01/21 10:49	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Aldol condensation product	*2.50*	*A J*	*mg/Kg*		*2.99*		*10/31/21 17:38*	*11/01/21 10:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*88*		*11 - 104*	*10/31/21 17:38*	*11/01/21 10:49*	*1*
Phenol-d5	*97*		*15 - 100*	*10/31/21 17:38*	*11/01/21 10:49*	*1*
Terphenyl-d14	*105*		*12 - 126*	*10/31/21 17:38*	*11/01/21 10:49*	*1*
2,4,6-Tribromophenol	*105*		*10 - 123*	*10/31/21 17:38*	*11/01/21 10:49*	*1*
2-Fluorophenol	*101*		*10 - 105*	*10/31/21 17:38*	*11/01/21 10:49*	*1*
2-Fluorobiphenyl	*94*		*14 - 103*	*10/31/21 17:38*	*11/01/21 10:49*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-810548/2-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	3.33	3.29		mg/Kg		99	63 - 110
2-Chlorophenol	3.33	3.34		mg/Kg		100	63 - 106
2-Methylphenol	3.33	3.19		mg/Kg		96	63 - 108
4-Methylphenol	3.33	3.25		mg/Kg		98	61 - 108
2-Nitrophenol	3.33	3.44		mg/Kg		103	64 - 112
2,4-Dimethylphenol	3.33	3.41		mg/Kg		102	63 - 107
2,4-Dichlorophenol	3.33	3.61		mg/Kg		108	66 - 113
4-Chloro-3-methylphenol	3.33	3.39		mg/Kg		102	66 - 114
2,4,6-Trichlorophenol	3.33	3.58		mg/Kg		107	63 - 113
2,4,5-Trichlorophenol	3.33	3.55		mg/Kg		106	64 - 112
2,4-Dinitrotoluene	3.33	3.42		mg/Kg		103	65 - 124
4-Nitrophenol	6.67	6.51		mg/Kg		98	47 - 123
4,6-Dinitro-2-methylphenol	6.67	7.31		mg/Kg		110	44 - 136
Pentachlorophenol	6.67	7.02		mg/Kg		105	44 - 126
Bis(2-chloroethyl)ether	3.33	3.00		mg/Kg		90	60 - 107
1,3-Dichlorobenzene	3.33	3.10		mg/Kg		93	59 - 99
1,4-Dichlorobenzene	3.33	3.15		mg/Kg		95	60 - 100
1,2-Dichlorobenzene	3.33	3.23		mg/Kg		97	60 - 100
N-Nitrosodi-n-propylamine	3.33	2.93		mg/Kg		88	61 - 108
Hexachloroethane	3.33	3.04		mg/Kg		91	61 - 102
Nitrobenzene	3.33	3.17		mg/Kg		95	63 - 110
Isophorone	3.33	3.08		mg/Kg		92	63 - 107
1,2,4-Trichlorobenzene	3.33	3.49		mg/Kg		105	63 - 107
Naphthalene	3.33	3.34		mg/Kg		100	63 - 106
Hexachlorobutadiene	3.33	3.56		mg/Kg		107	62 - 109
2-Methylnaphthalene	3.33	3.37		mg/Kg		101	64 - 108
Hexachlorocyclopentadiene	3.33	3.30		mg/Kg		99	42 - 118
2-Chloronaphthalene	3.33	3.32		mg/Kg		100	65 - 109
2-Nitroaniline	3.33	3.02		mg/Kg		91	59 - 119
Dimethyl phthalate	3.33	3.35		mg/Kg		100	65 - 109
Acenaphthylene	3.33	3.33		mg/Kg		100	64 - 108
2,6-Dinitrotoluene	3.33	3.43		mg/Kg		103	67 - 121
3-Nitroaniline	3.33	2.97		mg/Kg		89	31 - 102
Acenaphthene	3.33	3.31		mg/Kg		99	53 - 110
Dibenzofuran	3.33	3.34		mg/Kg		100	65 - 108
2,4-Dinitrophenol	6.67	6.78		mg/Kg		102	25 - 150
Diethyl phthalate	3.33	3.26		mg/Kg		98	63 - 109
4-Chlorophenyl phenyl ether	3.33	3.44		mg/Kg		103	66 - 110
Fluorene	3.33	3.36		mg/Kg		101	65 - 109
4-Nitroaniline	3.33	3.24		mg/Kg		97	50 - 110
N-Nitrosodiphenylamine	3.33	3.44		mg/Kg		103	67 - 113
4-Bromophenyl phenyl ether	3.33	3.64		mg/Kg		109	67 - 113
Hexachlorobenzene	3.33	3.75		mg/Kg		113	61 - 113
Phenanthrene	3.33	3.39		mg/Kg		102	66 - 112
Anthracene	3.33	3.40		mg/Kg		102	67 - 114
Carbazole	3.33	3.35		mg/Kg		100	64 - 113
Di-n-butyl phthalate	3.33	3.28		mg/Kg		98	66 - 114
Fluoranthene	3.33	3.35		mg/Kg		101	61 - 106

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-810548/2-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene	3.33	3.58		mg/Kg		108	61 - 111
Butyl benzyl phthalate	3.33	3.42		mg/Kg		103	62 - 113
Benzo[a]anthracene	3.33	3.36		mg/Kg		101	67 - 115
Chrysene	3.33	3.48		mg/Kg		104	71 - 122
Bis(2-ethylhexyl) phthalate	3.33	3.38		mg/Kg		101	59 - 111
Di-n-octyl phthalate	3.33	3.43		mg/Kg		103	65 - 122
Benzo[b]fluoranthene	3.33	3.52		mg/Kg		105	70 - 125
Benzo[k]fluoranthene	3.33	3.63		mg/Kg		109	67 - 115
Benzo[a]pyrene	3.33	3.60		mg/Kg		108	73 - 123
Indeno[1,2,3-cd]pyrene	3.33	3.49		mg/Kg		105	62 - 121
Dibenz(a,h)anthracene	3.33	3.58		mg/Kg		107	66 - 119
Benzo[g,h,i]perylene	3.33	3.38		mg/Kg		101	61 - 113
2,2'-oxybis[1-chloropropane]	3.33	2.62		mg/Kg		78	49 - 109
3,3'-Dichlorobenzidine	3.33	2.33		mg/Kg		70	17 - 101
Bis(2-chloroethoxy)methane	3.33	3.13		mg/Kg		94	62 - 107

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5	*82*		*11 - 104*
Phenol-d5	*88*		*15 - 100*
Terphenyl-d14	*101*		*12 - 126*
2,4,6-Tribromophenol	*103*		*10 - 123*
2-Fluorophenol	*92*		*10 - 105*
2-Fluorobiphenyl	*91*		*14 - 103*

Lab Sample ID: LCSD 460-810548/3-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	3.33	3.35		mg/Kg		100	63 - 110	2	30
2-Chlorophenol	3.33	3.42		mg/Kg		103	63 - 106	3	30
2-Methylphenol	3.33	3.30		mg/Kg		99	63 - 108	3	30
4-Methylphenol	3.33	3.27		mg/Kg		98	61 - 108	1	30
2-Nitrophenol	3.33	3.40		mg/Kg		102	64 - 112	1	30
2,4-Dimethylphenol	3.33	3.38		mg/Kg		101	63 - 107	1	30
2,4-Dichlorophenol	3.33	3.58		mg/Kg		107	66 - 113	1	30
4-Chloro-3-methylphenol	3.33	3.33		mg/Kg		100	66 - 114	2	30
2,4,6-Trichlorophenol	3.33	3.59		mg/Kg		108	63 - 113	0	30
2,4,5-Trichlorophenol	3.33	3.55		mg/Kg		106	64 - 112	0	30
2,4-Dinitrotoluene	3.33	3.34		mg/Kg		100	65 - 124	2	30
4-Nitrophenol	6.67	6.41		mg/Kg		96	47 - 123	2	30
4,6-Dinitro-2-methylphenol	6.67	7.35		mg/Kg		110	44 - 136	1	30
Pentachlorophenol	6.67	6.98		mg/Kg		105	44 - 126	0	30
Bis(2-chloroethyl)ether	3.33	3.02		mg/Kg		91	60 - 107	1	30
1,3-Dichlorobenzene	3.33	3.21		mg/Kg		96	59 - 99	3	30
1,4-Dichlorobenzene	3.33	3.19		mg/Kg		96	60 - 100	1	30
1,2-Dichlorobenzene	3.33	3.26		mg/Kg		98	60 - 100	1	30
N-Nitrosodi-n-propylamine	3.33	2.89		mg/Kg		87	61 - 108	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-810548/3-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810548

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane			3.33	3.17		mg/Kg		95	61 - 102	4	30
Nitrobenzene			3.33	3.22		mg/Kg		97	63 - 110	2	30
Isophorone			3.33	3.03		mg/Kg		91	63 - 107	2	30
1,2,4-Trichlorobenzene			3.33	3.43		mg/Kg		103	63 - 107	2	30
Naphthalene			3.33	3.30		mg/Kg		99	63 - 106	1	30
Hexachlorobutadiene			3.33	3.55		mg/Kg		106	62 - 109	0	30
2-Methylnaphthalene			3.33	3.32		mg/Kg		100	64 - 108	1	30
Hexachlorocyclopentadiene			3.33	3.26		mg/Kg		98	42 - 118	1	30
2-Chloronaphthalene			3.33	3.26		mg/Kg		98	65 - 109	2	30
2-Nitroaniline			3.33	2.96		mg/Kg		89	59 - 119	2	30
Dimethyl phthalate			3.33	3.28		mg/Kg		98	65 - 109	2	30
Acenaphthylene			3.33	3.25		mg/Kg		97	64 - 108	2	30
2,6-Dinitrotoluene			3.33	3.41		mg/Kg		102	67 - 121	1	30
3-Nitroaniline			3.33	2.89		mg/Kg		87	31 - 102	3	30
Acenaphthene			3.33	3.26		mg/Kg		98	53 - 110	2	30
Dibenzofuran			3.33	3.30		mg/Kg		99	65 - 108	1	30
2,4-Dinitrophenol			6.67	6.65		mg/Kg		100	25 - 150	2	30
Diethyl phthalate			3.33	3.22		mg/Kg		97	63 - 109	1	30
4-Chlorophenyl phenyl ether			3.33	3.37		mg/Kg		101	66 - 110	2	30
Fluorene			3.33	3.28		mg/Kg		99	65 - 109	2	30
4-Nitroaniline			3.33	3.19		mg/Kg		96	50 - 110	1	30
N-Nitrosodiphenylamine			3.33	3.44		mg/Kg		103	67 - 113	0	30
4-Bromophenyl phenyl ether			3.33	3.64		mg/Kg		109	67 - 113	0	30
Hexachlorobenzene			3.33	3.72		mg/Kg		112	61 - 113	1	30
Phenanthrene			3.33	3.35		mg/Kg		101	66 - 112	1	30
Anthracene			3.33	3.40		mg/Kg		102	67 - 114	0	30
Carbazole			3.33	3.32		mg/Kg		100	64 - 113	1	30
Di-n-butyl phthalate			3.33	3.23		mg/Kg		97	66 - 114	1	30
Fluoranthene			3.33	3.30		mg/Kg		99	61 - 106	1	30
Pyrene			3.33	3.64		mg/Kg		109	61 - 111	2	30
Butyl benzyl phthalate			3.33	3.46		mg/Kg		104	62 - 113	1	30
Benzo[a]anthracene			3.33	3.39		mg/Kg		102	67 - 115	1	30
Chrysene			3.33	3.50		mg/Kg		105	71 - 122	0	30
Bis(2-ethylhexyl) phthalate			3.33	3.42		mg/Kg		103	59 - 111	1	30
Di-n-octyl phthalate			3.33	3.43		mg/Kg		103	65 - 122	0	30
Benzo[b]fluoranthene			3.33	3.52		mg/Kg		106	70 - 125	0	30
Benzo[k]fluoranthene			3.33	3.66		mg/Kg		110	67 - 115	1	30
Benzo[a]pyrene			3.33	3.58		mg/Kg		107	73 - 123	1	30
Indeno[1,2,3-cd]pyrene			3.33	3.50		mg/Kg		105	62 - 121	0	30
Dibenz(a,h)anthracene			3.33	3.55		mg/Kg		107	66 - 119	1	30
Benzo[g,h,i]perylene			3.33	3.37		mg/Kg		101	61 - 113	0	30
2,2'-oxybis[1-chloropropane]			3.33	2.66		mg/Kg		80	49 - 109	2	30
3,3'-Dichlorobenzidine			3.33	2.37		mg/Kg		71	17 - 101	2	30
Bis(2-chloroethoxy)methane			3.33	3.10		mg/Kg		93	62 - 107	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5	*81*		*11 - 104*
Phenol-d5	*89*		*15 - 100*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-810548/3-A
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810548

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Terphenyl-d14	*102*		*12 - 126*
2,4,6-Tribromophenol	*100*		*10 - 123*
2-Fluorophenol	*93*		*10 - 105*
2-Fluorobiphenyl	*89*		*14 - 103*

Lab Sample ID: 460-246194-A-1-D MS
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	0.014	U	3.78	2.99		mg/Kg	☼	79	63 - 110
2-Chlorophenol	0.013	U	3.78	3.11		mg/Kg	☼	82	63 - 106
2-Methylphenol	0.014	U	3.78	3.02		mg/Kg	☼	80	63 - 108
4-Methylphenol	0.023	U	3.78	2.98		mg/Kg	☼	79	61 - 108
2-Nitrophenol	0.038	U	3.78	3.08		mg/Kg	☼	81	64 - 112
2,4-Dimethylphenol	0.016	U	3.78	3.15		mg/Kg	☼	83	63 - 107
2,4-Dichlorophenol	0.024	U	3.78	3.33		mg/Kg	☼	88	66 - 113
4-Chloro-3-methylphenol	0.021	U	3.78	3.09		mg/Kg	☼	82	66 - 114
2,4,6-Trichlorophenol	0.048	U	3.78	3.35		mg/Kg	☼	89	63 - 113
2,4,5-Trichlorophenol	0.038	U	3.78	3.26		mg/Kg	☼	86	64 - 112
2,4-Dinitrotoluene	0.040	U	3.78	3.05		mg/Kg	☼	81	65 - 124
4-Nitrophenol	0.061	U	7.55	5.97		mg/Kg	☼	79	47 - 123
4,6-Dinitro-2-methylphenol	0.15	U F1 F2	7.55	3.91		mg/Kg	☼	52	44 - 136
Pentachlorophenol	0.077	U	7.55	6.29		mg/Kg	☼	83	44 - 126
Bis(2-chloroethyl)ether	0.013	U	3.78	2.58		mg/Kg	☼	68	60 - 107
1,3-Dichlorobenzene	0.0050	U F1	3.78	1.90	F1	mg/Kg	☼	50	59 - 99
1,4-Dichlorobenzene	0.014	U F1	3.78	2.02	F1	mg/Kg	☼	54	60 - 100
1,2-Dichlorobenzene	0.0064	U F1	3.78	2.24	F1	mg/Kg	☼	59	60 - 100
N-Nitrosodi-n-propylamine	0.027	U	3.78	2.65		mg/Kg	☼	70	61 - 108
Hexachloroethane	0.013	U F1	3.78	1.80	F1	mg/Kg	☼	48	61 - 102
Nitrobenzene	0.0090	U	3.78	2.86		mg/Kg	☼	76	63 - 110
Isophorone	0.11	U	3.78	2.78		mg/Kg	☼	74	63 - 107
1,2,4-Trichlorobenzene	0.0096	U	3.78	2.66		mg/Kg	☼	70	63 - 107
Naphthalene	0.0065	U	3.78	2.78		mg/Kg	☼	74	63 - 106
Hexachlorobutadiene	0.0080	U	3.78	2.41		mg/Kg	☼	64	62 - 109
2-Methylnaphthalene	0.010	U	3.78	2.85		mg/Kg	☼	76	64 - 108
Hexachlorocyclopentadiene	0.033	U	3.78	2.50		mg/Kg	☼	66	42 - 118
2-Chloronaphthalene	0.017	U	3.78	2.95		mg/Kg	☼	78	65 - 109
2-Nitroaniline	0.014	U	3.78	2.79		mg/Kg	☼	74	59 - 119
Dimethyl phthalate	0.085	U	3.78	3.08		mg/Kg	☼	81	65 - 109
Acenaphthylene	0.0038	U	3.78	2.99		mg/Kg	☼	79	64 - 108
2,6-Dinitrotoluene	0.027	U	3.78	3.13		mg/Kg	☼	83	67 - 121
3-Nitroaniline	0.042	U	3.78	2.91		mg/Kg	☼	77	31 - 102
Acenaphthene	0.011	U	3.78	2.62		mg/Kg	☼	69	53 - 110
Dibenzofuran	0.0053	U	3.78	2.98		mg/Kg	☼	79	65 - 108
2,4-Dinitrophenol	0.18	U F1 F2	7.55	1.35	F1	mg/Kg	☼	18	25 - 150
Diethyl phthalate	0.0054	U	3.78	3.01		mg/Kg	☼	80	63 - 109
4-Chlorophenyl phenyl ether	0.013	U	3.78	3.00		mg/Kg	☼	79	66 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-246194-A-1-D MS
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluorene	0.0051	U	3.78	2.96		mg/Kg	☼	78	65 - 109
4-Nitroaniline	0.043	U	3.78	2.94		mg/Kg	☼	78	50 - 110
N-Nitrosodiphenylamine	0.031	U	3.78	3.12		mg/Kg	☼	83	67 - 113
4-Bromophenyl phenyl ether	0.015	U	3.78	3.24		mg/Kg	☼	86	67 - 113
Hexachlorobenzene	0.018	U	3.78	3.10		mg/Kg	☼	82	61 - 113
Phenanthrene	0.0066	U	3.78	3.06		mg/Kg	☼	81	66 - 112
Anthracene	0.011	U	3.78	3.03		mg/Kg	☼	80	67 - 114
Carbazole	0.014	U	3.78	3.08		mg/Kg	☼	82	64 - 113
Di-n-butyl phthalate	0.014	U	3.78	2.89		mg/Kg	☼	76	66 - 114
Fluoranthene	0.013	U	3.78	2.98		mg/Kg	☼	79	61 - 106
Pyrene	0.0093	U	3.78	3.09		mg/Kg	☼	82	61 - 111
Butyl benzyl phthalate	0.018	U	3.78	2.95		mg/Kg	☼	78	62 - 113
Benzo[a]anthracene	0.013	U	3.78	2.86		mg/Kg	☼	76	67 - 115
Chrysene	0.0063	U	3.78	2.98		mg/Kg	☼	79	71 - 122
Bis(2-ethylhexyl) phthalate	0.020	U	3.78	2.76		mg/Kg	☼	73	59 - 111
Di-n-octyl phthalate	0.020	U	3.78	2.67		mg/Kg	☼	71	65 - 122
Benzo[b]fluoranthene	0.0097	U	3.78	2.91		mg/Kg	☼	77	70 - 125
Benzo[k]fluoranthene	0.0074	U	3.78	3.12		mg/Kg	☼	83	67 - 115
Benzo[a]pyrene	0.010	U	3.78	3.06		mg/Kg	☼	81	73 - 123
Indeno[1,2,3-cd]pyrene	0.015	U	3.78	2.99		mg/Kg	☼	79	62 - 121
Dibenz(a,h)anthracene	0.016	U	3.78	2.94		mg/Kg	☼	78	66 - 119
Benzo[g,h,i]perylene	0.011	U	3.78	2.83		mg/Kg	☼	75	61 - 113
2,2'-oxybis[1-chloropropane]	0.0068	U	3.78	2.19		mg/Kg	☼	58	49 - 109
3,3'-Dichlorobenzidine	0.057	U	3.78	2.92		mg/Kg	☼	77	17 - 101
Bis(2-chloroethoxy)methane	0.029	U	3.78	2.87		mg/Kg	☼	76	62 - 107

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Nitrobenzene-d5	*65*		*11 - 104*
Phenol-d5	*73*		*15 - 100*
Terphenyl-d14	*75*		*12 - 126*
2,4,6-Tribromophenol	*84*		*10 - 123*
2-Fluorophenol	*77*		*10 - 105*
2-Fluorobiphenyl	*73*		*14 - 103*

Lab Sample ID: 460-246194-A-1-E MSD
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	0.014	U	3.78	2.76		mg/Kg	☼	73	63 - 110	8	30
2-Chlorophenol	0.013	U	3.78	2.92		mg/Kg	☼	77	63 - 106	6	30
2-Methylphenol	0.014	U	3.78	2.85		mg/Kg	☼	76	63 - 108	6	30
4-Methylphenol	0.023	U	3.78	2.76		mg/Kg	☼	73	61 - 108	8	30
2-Nitrophenol	0.038	U	3.78	2.97		mg/Kg	☼	79	64 - 112	4	30
2,4-Dimethylphenol	0.016	U	3.78	2.99		mg/Kg	☼	79	63 - 107	5	30
2,4-Dichlorophenol	0.024	U	3.78	3.23		mg/Kg	☼	85	66 - 113	3	30
4-Chloro-3-methylphenol	0.021	U	3.78	2.96		mg/Kg	☼	78	66 - 114	4	30
2,4,6-Trichlorophenol	0.048	U	3.78	3.15		mg/Kg	☼	83	63 - 113	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-246194-A-1-E MSD
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	0.038	U	3.78	3.05		mg/Kg	☼	81	64 - 112	7	30
2,4-Dinitrotoluene	0.040	U	3.78	2.83		mg/Kg	☼	75	65 - 124	8	30
4-Nitrophenol	0.061	U	7.55	5.29		mg/Kg	☼	70	47 - 123	12	30
4,6-Dinitro-2-methylphenol	0.15	U F1 F2	7.55	2.01	F1 F2	mg/Kg	☼	27	44 - 136	64	30
Pentachlorophenol	0.077	U	7.55	5.15		mg/Kg	☼	68	44 - 126	20	30
Bis(2-chloroethyl)ether	0.013	U	3.78	2.44		mg/Kg	☼	65	60 - 107	6	30
1,3-Dichlorobenzene	0.0050	U F1	3.78	1.91	F1	mg/Kg	☼	51	59 - 99	0	30
1,4-Dichlorobenzene	0.014	U F1	3.78	2.00	F1	mg/Kg	☼	53	60 - 100	1	30
1,2-Dichlorobenzene	0.0064	U F1	3.78	2.21	F1	mg/Kg	☼	59	60 - 100	1	30
N-Nitrosodi-n-propylamine	0.027	U	3.78	2.49		mg/Kg	☼	66	61 - 108	6	30
Hexachloroethane	0.013	U F1	3.78	1.79	F1	mg/Kg	☼	47	61 - 102	0	30
Nitrobenzene	0.0090	U	3.78	2.69		mg/Kg	☼	71	63 - 110	6	30
Isophorone	0.11	U	3.78	2.62		mg/Kg	☼	69	63 - 107	6	30
1,2,4-Trichlorobenzene	0.0096	U	3.78	2.64		mg/Kg	☼	70	63 - 107	1	30
Naphthalene	0.0065	U	3.78	2.69		mg/Kg	☼	71	63 - 106	3	30
Hexachlorobutadiene	0.0080	U	3.78	2.41		mg/Kg	☼	64	62 - 109	0	30
2-Methylnaphthalene	0.010	U	3.78	2.81		mg/Kg	☼	74	64 - 108	1	30
Hexachlorocyclopentadiene	0.033	U	3.78	2.43		mg/Kg	☼	64	42 - 118	3	30
2-Chloronaphthalene	0.017	U	3.78	2.79		mg/Kg	☼	74	65 - 109	6	30
2-Nitroaniline	0.014	U	3.78	2.55		mg/Kg	☼	67	59 - 119	9	30
Dimethyl phthalate	0.085	U	3.78	2.76		mg/Kg	☼	73	65 - 109	11	30
Acenaphthylene	0.0038	U	3.78	2.81		mg/Kg	☼	74	64 - 108	6	30
2,6-Dinitrotoluene	0.027	U	3.78	2.91		mg/Kg	☼	77	67 - 121	7	30
3-Nitroaniline	0.042	U	3.78	2.66		mg/Kg	☼	70	31 - 102	9	30
Acenaphthene	0.011	U	3.78	2.39		mg/Kg	☼	63	53 - 110	9	30
Dibenzofuran	0.0053	U	3.78	2.82		mg/Kg	☼	75	65 - 108	5	30
2,4-Dinitrophenol	0.18	U F1 F2	7.55	0.891	F1 F2	mg/Kg	☼	12	25 - 150	41	30
Diethyl phthalate	0.0054	U	3.78	2.78		mg/Kg	☼	74	63 - 109	8	30
4-Chlorophenyl phenyl ether	0.013	U	3.78	2.82		mg/Kg	☼	75	66 - 110	6	30
Fluorene	0.0051	U	3.78	2.79		mg/Kg	☼	74	65 - 109	6	30
4-Nitroaniline	0.043	U	3.78	2.63		mg/Kg	☼	70	50 - 110	11	30
N-Nitrosodiphenylamine	0.031	U	3.78	2.96		mg/Kg	☼	78	67 - 113	5	30
4-Bromophenyl phenyl ether	0.015	U	3.78	3.01		mg/Kg	☼	80	67 - 113	7	30
Hexachlorobenzene	0.018	U	3.78	2.90		mg/Kg	☼	77	61 - 113	7	30
Phenanthrene	0.0066	U	3.78	2.80		mg/Kg	☼	74	66 - 112	9	30
Anthracene	0.011	U	3.78	2.85		mg/Kg	☼	75	67 - 114	6	30
Carbazole	0.014	U	3.78	2.83		mg/Kg	☼	75	64 - 113	8	30
Di-n-butyl phthalate	0.014	U	3.78	2.74		mg/Kg	☼	72	66 - 114	5	30
Fluoranthene	0.013	U	3.78	2.78		mg/Kg	☼	74	61 - 106	7	30
Pyrene	0.0093	U	3.78	2.87		mg/Kg	☼	76	61 - 111	8	30
Butyl benzyl phthalate	0.018	U	3.78	2.78		mg/Kg	☼	74	62 - 113	6	30
Benzo[a]anthracene	0.013	U	3.78	2.69		mg/Kg	☼	71	67 - 115	6	30
Chrysene	0.0063	U	3.78	2.67		mg/Kg	☼	71	71 - 122	11	30
Bis(2-ethylhexyl) phthalate	0.020	U	3.78	2.54		mg/Kg	☼	67	59 - 111	8	30
Di-n-octyl phthalate	0.020	U	3.78	2.58		mg/Kg	☼	68	65 - 122	4	30
Benzo[b]fluoranthene	0.0097	U	3.78	2.92		mg/Kg	☼	77	70 - 125	0	30
Benzo[k]fluoranthene	0.0074	U	3.78	2.80		mg/Kg	☼	74	67 - 115	11	30
Benzo[a]pyrene	0.010	U	3.78	2.87		mg/Kg	☼	76	73 - 123	6	30
Indeno[1,2,3-cd]pyrene	0.015	U	3.78	2.77		mg/Kg	☼	73	62 - 121	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-246194-A-1-E MSD
Matrix: Solid
Analysis Batch: 810633

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 810548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	0.016	U	3.78	2.78		mg/Kg	☼	74	66 - 119	5	30
Benzo[g,h,i]perylene	0.011	U	3.78	2.65		mg/Kg	☼	70	61 - 113	7	30
2,2'-oxybis[1-chloropropane]	0.0068	U	3.78	2.08		mg/Kg	☼	55	49 - 109	5	30
3,3'-Dichlorobenzidine	0.057	U	3.78	2.76		mg/Kg	☼	73	17 - 101	6	30
Bis(2-chloroethoxy)methane	0.029	U	3.78	2.78		mg/Kg	☼	74	62 - 107	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Nitrobenzene-d5	*61*		*11 - 104*
Phenol-d5	*65*		*15 - 100*
Terphenyl-d14	*70*		*12 - 126*
2,4,6-Tribromophenol	*77*		*10 - 123*
2-Fluorophenol	*68*		*10 - 105*
2-Fluorobiphenyl	*66*		*14 - 103*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-810508/1-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Aldrin	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
alpha-BHC	0.00068	U	0.0020	0.00068	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
beta-BHC	0.00075	U	0.0020	0.00075	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
delta-BHC	0.00041	U	0.0020	0.00041	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Chlordane (technical)	0.016	U	0.067	0.016	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDD	0.0011	U	0.0067	0.0011	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDD	0.0011	U	0.0067	0.0011	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDE	0.00079	U	0.0067	0.00079	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
4,4'-DDT	0.0012	U	0.0067	0.0012	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Dieldrin	0.00087	U	0.0020	0.00087	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan I	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan II	0.0017	U	0.0067	0.0017	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endosulfan sulfate	0.00084	U	0.0067	0.00084	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endrin	0.00096	U	0.0067	0.00096	mg/Kg		10/31/21 09:13	11/01/21 15:31	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-810508/1-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endrin aldehyde	0.0016	U	0.0067	0.0016	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Endrin ketone	0.0013	U	0.0067	0.0013	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Heptachlor	0.00079	U	0.0067	0.00079	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Heptachlor epoxide	0.0010	U	0.0067	0.0010	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Methoxychlor	0.0015	U	0.0067	0.0015	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/31/21 09:13	11/01/21 15:31	1
Toxaphene	0.024	U	0.067	0.024	mg/Kg		10/31/21 09:13	11/01/21 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 133*	*10/31/21 09:13*	*11/01/21 15:31*	*1*
Tetrachloro-m-xylene	*81*		*10 - 133*	*10/31/21 09:13*	*11/01/21 15:31*	*1*
DCB Decachlorobiphenyl	*105*		*10 - 150*	*10/31/21 09:13*	*11/01/21 15:31*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 150*	*10/31/21 09:13*	*11/01/21 15:31*	*1*

Lab Sample ID: LCS 460-810508/2-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	0.133	0.130		mg/Kg		97	74 - 140
Aldrin	0.133	0.134		mg/Kg		100	74 - 140
alpha-BHC	0.133	0.134		mg/Kg		100	72 - 142
alpha-BHC	0.133	0.138		mg/Kg		103	72 - 142
beta-BHC	0.133	0.142		mg/Kg		106	65 - 137
beta-BHC	0.133	0.144		mg/Kg		108	65 - 137
delta-BHC	0.133	0.152		mg/Kg		114	70 - 143
delta-BHC	0.133	0.160		mg/Kg		120	70 - 143
gamma-BHC (Lindane)	0.133	0.137		mg/Kg		102	70 - 134
gamma-BHC (Lindane)	0.133	0.140		mg/Kg		105	70 - 134
4,4'-DDD	0.133	0.141		mg/Kg		106	70 - 140
4,4'-DDD	0.133	0.137		mg/Kg		103	70 - 140
4,4'-DDE	0.133	0.131		mg/Kg		98	71 - 137
4,4'-DDE	0.133	0.133		mg/Kg		100	71 - 137
4,4'-DDT	0.133	0.142		mg/Kg		107	63 - 131
4,4'-DDT	0.133	0.138		mg/Kg		104	63 - 131
Dieldrin	0.133	0.135		mg/Kg		102	70 - 135
Dieldrin	0.133	0.134		mg/Kg		101	70 - 135
Endosulfan I	0.133	0.132		mg/Kg		99	68 - 135
Endosulfan I	0.133	0.131		mg/Kg		98	68 - 135
Endosulfan II	0.133	0.138		mg/Kg		104	64 - 130
Endosulfan II	0.133	0.131		mg/Kg		98	64 - 130
Endosulfan sulfate	0.133	0.153		mg/Kg		115	66 - 143
Endosulfan sulfate	0.133	0.136		mg/Kg		102	66 - 143

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-810508/2-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810508

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Endrin			0.133	0.133		mg/Kg		99	68 - 136		
Endrin			0.133	0.133		mg/Kg		99	68 - 136		
Endrin aldehyde			0.133	0.146		mg/Kg		110	68 - 132		
Endrin aldehyde			0.133	0.130		mg/Kg		98	68 - 132		
Endrin ketone			0.133	0.179		mg/Kg		134	60 - 150		
Endrin ketone			0.133	0.157		mg/Kg		118	60 - 150		
Heptachlor			0.133	0.134		mg/Kg		100	69 - 134		
Heptachlor			0.133	0.139		mg/Kg		104	69 - 134		
Heptachlor epoxide			0.133	0.131		mg/Kg		98	70 - 135		
Heptachlor epoxide			0.133	0.130		mg/Kg		98	70 - 135		
Methoxychlor			0.133	0.133		mg/Kg		100	57 - 135		
Methoxychlor			0.133	0.117		mg/Kg		88	57 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*68*		*10 - 133*
Tetrachloro-m-xylene	*72*		*10 - 133*
DCB Decachlorobiphenyl	*84*		*10 - 150*
DCB Decachlorobiphenyl	*67*		*10 - 150*

Lab Sample ID: LCSD 460-810508/3-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810508

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin			0.133	0.138		mg/Kg		104	74 - 140	6	30
Aldrin			0.133	0.147		mg/Kg		110	74 - 140	9	30
alpha-BHC			0.133	0.141		mg/Kg		106	72 - 142	5	30
alpha-BHC			0.133	0.152		mg/Kg		114	72 - 142	10	30
beta-BHC			0.133	0.150		mg/Kg		112	65 - 137	5	30
beta-BHC			0.133	0.158		mg/Kg		119	65 - 137	9	30
delta-BHC			0.133	0.160		mg/Kg		120	70 - 143	5	30
delta-BHC			0.133	0.174		mg/Kg		131	70 - 143	9	30
gamma-BHC (Lindane)			0.133	0.144		mg/Kg		108	70 - 134	5	30
gamma-BHC (Lindane)			0.133	0.154		mg/Kg		115	70 - 134	9	30
4,4'-DDD			0.133	0.150		mg/Kg		112	70 - 140	6	30
4,4'-DDD			0.133	0.151		mg/Kg		113	70 - 140	9	30
4,4'-DDE			0.133	0.139		mg/Kg		104	71 - 137	6	30
4,4'-DDE			0.133	0.146		mg/Kg		109	71 - 137	9	30
4,4'-DDT			0.133	0.147		mg/Kg		110	63 - 131	3	30
4,4'-DDT			0.133	0.147		mg/Kg		110	63 - 131	6	30
Dieldrin			0.133	0.144		mg/Kg		108	70 - 135	6	30
Dieldrin			0.133	0.146		mg/Kg		109	70 - 135	8	30
Endosulfan I			0.133	0.140		mg/Kg		105	68 - 135	6	30
Endosulfan I			0.133	0.142		mg/Kg		107	68 - 135	8	30
Endosulfan II			0.133	0.146		mg/Kg		109	64 - 130	5	30
Endosulfan II			0.133	0.142		mg/Kg		106	64 - 130	8	30
Endosulfan sulfate			0.133	0.161		mg/Kg		121	66 - 143	5	30
Endosulfan sulfate			0.133	0.146		mg/Kg		110	66 - 143	7	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-810508/3-A
Matrix: Solid
Analysis Batch: 810665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810508

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin			0.133	0.138		mg/Kg		103	68 - 136	4	30
Endrin			0.133	0.142		mg/Kg		106	68 - 136	7	30
Endrin aldehyde			0.133	0.154		mg/Kg		115	68 - 132	5	30
Endrin aldehyde			0.133	0.141		mg/Kg		105	68 - 132	8	30
Endrin ketone			0.133	0.187		mg/Kg		140	60 - 150	5	30
Endrin ketone			0.133	0.169		mg/Kg		126	60 - 150	7	30
Heptachlor			0.133	0.140		mg/Kg		105	69 - 134	5	30
Heptachlor			0.133	0.150		mg/Kg		112	69 - 134	8	30
Heptachlor epoxide			0.133	0.139		mg/Kg		104	70 - 135	6	30
Heptachlor epoxide			0.133	0.141		mg/Kg		106	70 - 135	8	30
Methoxychlor			0.133	0.138		mg/Kg		104	57 - 135	3	30
Methoxychlor			0.133	0.125		mg/Kg		93	57 - 135	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*10 - 133*
Tetrachloro-m-xylene	*75*		*10 - 133*
DCB Decachlorobiphenyl	*89*		*10 - 150*
DCB Decachlorobiphenyl	*72*		*10 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-810507/1-A
Matrix: Solid
Analysis Batch: 810881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1016	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1221	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1232	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1242	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1248	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1254	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1260	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
PCB-1262	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
PCB-1262	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1
Aroclor 1268	0.018	U	0.067	0.018	mg/Kg		10/31/21 09:10	11/02/21 15:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*104*		*37 - 150*	*10/31/21 09:10*	*11/02/21 15:43*	*1*
DCB Decachlorobiphenyl	*111*		*37 - 150*	*10/31/21 09:10*	*11/02/21 15:43*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 460-810507/1-A
Matrix: Solid
Analysis Batch: 810881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810507

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		54 - 150	10/31/21 09:10	11/02/21 15:43	1
Tetrachloro-m-xylene	88		54 - 150	10/31/21 09:10	11/02/21 15:43	1

Lab Sample ID: LCS 460-810507/2-A
Matrix: Solid
Analysis Batch: 810881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810507

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor 1016			0.333	0.392		mg/Kg		118	65 - 133		
Aroclor 1016			0.333	0.377		mg/Kg		113	65 - 133		
Aroclor 1260			0.333	0.405		mg/Kg		122	71 - 150		
Aroclor 1260			0.333	0.404		mg/Kg		121	71 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	103		37 - 150
DCB Decachlorobiphenyl	108		37 - 150
Tetrachloro-m-xylene	97		54 - 150
Tetrachloro-m-xylene	96		54 - 150

Lab Sample ID: LCSD 460-810507/3-A
Matrix: Solid
Analysis Batch: 810881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810507

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.392		mg/Kg		118	65 - 133	0	30
Aroclor 1016			0.333	0.393		mg/Kg		118	65 - 133	4	30
Aroclor 1260			0.333	0.423		mg/Kg		127	71 - 150	4	30
Aroclor 1260			0.333	0.429		mg/Kg		129	71 - 150	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	108		37 - 150
DCB Decachlorobiphenyl	114		37 - 150
Tetrachloro-m-xylene	101		54 - 150
Tetrachloro-m-xylene	101		54 - 150

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-811219/1-A
Matrix: Solid
Analysis Batch: 811270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	12	U	33	12	ug/Kg		11/03/21 23:56	11/04/21 10:39	1
2,4-D	12	U	33	12	ug/Kg		11/03/21 23:56	11/04/21 10:39	1
Silvex (2,4,5-TP)	3.5	U	33	3.5	ug/Kg		11/03/21 23:56	11/04/21 10:39	1
Silvex (2,4,5-TP)	3.5	U	33	3.5	ug/Kg		11/03/21 23:56	11/04/21 10:39	1
2,4,5-T	7.1	U	33	7.1	ug/Kg		11/03/21 23:56	11/04/21 10:39	1
2,4,5-T	7.1	U	33	7.1	ug/Kg		11/03/21 23:56	11/04/21 10:39	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 460-811219/1-A
Matrix: Solid
Analysis Batch: 811270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811219

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	77		65 - 150	11/03/21 23:56	11/04/21 10:39	1
2,4-Dichlorophenylacetic acid	83		65 - 150	11/03/21 23:56	11/04/21 10:39	1

Lab Sample ID: LCS 460-811219/2-A
Matrix: Solid
Analysis Batch: 811270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811219

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4-D			33.3	42.1		ug/Kg		126	50 - 130		
2,4-D			33.3	38.2		ug/Kg		115	50 - 130		
Silvex (2,4,5-TP)			8.33	10.8	J	ug/Kg		129	58 - 150		
Silvex (2,4,5-TP)			8.33	12.2	J	ug/Kg		147	58 - 150		
2,4,5-T			8.33	11.8	J	ug/Kg		141	59 - 150		
2,4,5-T			8.33	9.74	J	ug/Kg		117	59 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	76		65 - 150
2,4-Dichlorophenylacetic acid	86		65 - 150

Lab Sample ID: LCSD 460-811219/3-A
Matrix: Solid
Analysis Batch: 811270

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 811219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-D			33.3	46.4	*+	ug/Kg		139	50 - 130	10	30
2,4-D			33.3	41.6		ug/Kg		125	50 - 130	8	30
Silvex (2,4,5-TP)			8.33	11.0	J p	ug/Kg		132	58 - 150	11	30
Silvex (2,4,5-TP)			8.33	17.2	J *+ *1	ug/Kg		206	58 - 150	46	30
2,4,5-T			8.33	17.1	J *+ *1	ug/Kg		205	59 - 150	55	30
2,4,5-T			8.33	9.77	J p	ug/Kg		117	59 - 150	18	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	77		65 - 150
2,4-Dichlorophenylacetic acid	89		65 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-811240/1-A
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.089	U	1.0	0.089	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Arsenic	0.10	U	1.0	0.10	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Barium	0.15	U	2.0	0.15	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Beryllium	0.057	U	0.40	0.057	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Cadmium	0.11	U	1.0	0.11	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Cobalt	0.15	U	2.0	0.15	mg/Kg		11/04/21 03:52	11/04/21 09:52	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-811240/1-A
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811240

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.27	U	2.0	0.27	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Copper	0.37	U	2.0	0.37	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Manganese	0.40	U	4.0	0.40	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Nickel	0.47	U	2.0	0.47	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Lead	0.20	U	0.60	0.20	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Antimony	0.15	U	1.0	0.15	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Selenium	0.13	U	1.3	0.13	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Vanadium	0.21	U	2.0	0.21	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Zinc	3.1	U	8.0	3.1	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Aluminum	5.5	U	20.0	5.5	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Sodium	45.7	U	100	45.7	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Magnesium	10.2	U	100	10.2	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Potassium	12.1	U	100	12.1	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Calcium	17.7	U	100	17.7	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Iron	20.2	U	60.0	20.2	mg/Kg		11/04/21 03:52	11/04/21 09:52	1
Thallium	0.041	U	0.40	0.041	mg/Kg		11/04/21 03:52	11/04/21 09:52	1

Lab Sample ID: LCSSRM 460-811240/2-A ^5
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811240

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	33.6	20.27		mg/Kg		60.3	48.2 - 73.5
Arsenic	140	142.1		mg/Kg		101.5	82.9 - 117.9
Barium	202	195.8		mg/Kg		96.9	81.2 - 118.3
Beryllium	42.6	41.45		mg/Kg		97.3	81.0 - 119.0
Cadmium	97.9	98.09		mg/Kg		100.2	80.0 - 119.5
Cobalt	86.4	86.81		mg/Kg		100.5	80.8 - 119.2
Chromium	60.4	59.74		mg/Kg		98.9	80.3 - 119.7
Copper	122	121.7		mg/Kg		99.8	82.8 - 117.2
Manganese	457	451.6		mg/Kg		98.8	79.6 - 120.6
Nickel	151	152.7		mg/Kg		101.1	79.5 - 121.2
Lead	56.7	61.25		mg/Kg		108.0	82.9 - 116.9
Antimony	99.5	68.12		mg/Kg		68.5	1.0 - 209.0
Selenium	35.5	35.19		mg/Kg		99.1	77.5 - 122.3
Vanadium	44.9	43.54		mg/Kg		97.0	78.0 - 121.8
Zinc	186	178.7		mg/Kg		96.1	79.0 - 121.0
Aluminum	7970	7189		mg/Kg		90.2	47.2 - 153.1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-811240/2-A ^5
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811240

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Sodium			129	229	U	mg/Kg		99.3	70.7 - 129.5		
Magnesium			2260	2196		mg/Kg		97.2	75.2 - 124.8		
Potassium			2030	1857		mg/Kg		91.5	70.0 - 130.0		
Calcium			4190	4220		mg/Kg		100.7	79.2 - 121.0		
Iron			13800	13290		mg/Kg		96.3	59.2 - 140.6		
Thallium			69.3	69.66		mg/Kg		100.5	79.4 - 120.6		

Lab Sample ID: 460-246212-G-11-D MS
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 811240

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silver	0.10	U	5.80	5.82		mg/Kg	☼	100	75 - 125		
Arsenic	5.9		11.6	17.82		mg/Kg	☼	103	75 - 125		
Barium	80.6		11.6	95.37	4	mg/Kg	☼	127	75 - 125		
Beryllium	1.0		5.80	6.84		mg/Kg	☼	101	75 - 125		
Cadmium	0.13	U	5.80	6.51		mg/Kg	☼	112	75 - 125		
Cobalt	14.6		5.80	21.43		mg/Kg	☼	119	75 - 125		
Chromium	27.9	F1	11.6	42.54	F1	mg/Kg	☼	126	75 - 125		
Copper	63.7		11.6	73.11	4	mg/Kg	☼	82	75 - 125		
Manganese	670		58.0	719.9	4	mg/Kg	☼	86	75 - 125		
Nickel	25.3		11.6	38.39		mg/Kg	☼	113	75 - 125		
Lead	18.6		5.80	24.31		mg/Kg	☼	98	75 - 125		
Antimony	0.27	J F1	5.80	3.70	F1	mg/Kg	☼	59	75 - 125		
Selenium	0.21	J	11.6	10.90		mg/Kg	☼	92	75 - 125		
Vanadium	40.2		11.6	51.84		mg/Kg	☼	101	75 - 125		
Zinc	70.2		58.0	125.2		mg/Kg	☼	95	75 - 125		
Aluminum	16900		580	19070	4	mg/Kg	☼	377	75 - 125		
Sodium	638		580	1315		mg/Kg	☼	117	75 - 125		
Magnesium	4810		580	5471	4	mg/Kg	☼	114	75 - 125		
Potassium	1250	F1	580	2044	F1	mg/Kg	☼	137	75 - 125		
Calcium	1280		580	1919		mg/Kg	☼	109	75 - 125		
Iron	32100		580	33680	4	mg/Kg	☼	277	75 - 125		
Thallium	0.13	J	4.64	5.07		mg/Kg	☼	107	75 - 125		

Lab Sample ID: 460-246212-G-11-C DU
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 811240

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Silver	0.10	U		0.10	U	mg/Kg	☼			NC	20
Arsenic	5.9			5.81		mg/Kg	☼			2	20
Barium	80.6			80.08		mg/Kg	☼			0.7	20
Beryllium	1.0			0.951		mg/Kg	☼			5	20
Cadmium	0.13	U		0.13	U	mg/Kg	☼			NC	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-246212-G-11-C DU
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 811240

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cobalt	14.6			15.05		mg/Kg	☼			3	20
Chromium	27.9	F1		29.31		mg/Kg	☼			5	20
Copper	63.7			64.45		mg/Kg	☼			1	20
Manganese	670			760.8		mg/Kg	☼			13	20
Nickel	25.3			25.10		mg/Kg	☼			1	20
Lead	18.6			18.80		mg/Kg	☼			1	20
Antimony	0.27	J F1		0.293	J	mg/Kg	☼			8	20
Selenium	0.21	J		0.264	J F5	mg/Kg	☼			24	20
Vanadium	40.2			39.92		mg/Kg	☼			0.6	20
Zinc	70.2			70.24		mg/Kg	☼			0.1	20
Aluminum	16900			17030		mg/Kg	☼			0.9	20
Sodium	638			632.1		mg/Kg	☼			0.9	20
Magnesium	4810			6028	F3	mg/Kg	☼			22	20
Potassium	1250	F1		1265		mg/Kg	☼			1	20
Calcium	1280			3511	F3	mg/Kg	☼			93	20
Iron	32100			31910		mg/Kg	☼			0.5	20
Thallium	0.13	J		0.133	J	mg/Kg	☼			6	20

Lab Sample ID: LRC 460-811334/12
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			5000	5160		ug/L		103	90 - 110		
Barium			20000	19520		ug/L		98	90 - 110		
Beryllium			2000	2067		ug/L		103	90 - 110		
Cadmium			5000	5122		ug/L		102	90 - 110		
Cobalt			2000	2090		ug/L		104	90 - 110		
Chromium			20000	19470		ug/L		97	90 - 110		
Copper			20000	19690		ug/L		98	90 - 110		
Manganese			10000	10480		ug/L		105	90 - 110		
Nickel			20000	19830		ug/L		99	90 - 110		
Lead			20000	19290		ug/L		96	90 - 110		
Selenium			2000	1970		ug/L		98	90 - 110		
Vanadium			5000	5180		ug/L		104	90 - 110		
Zinc			20000	20300		ug/L		101	90 - 110		
Thallium			1000	931.5		ug/L		93	90 - 110		

Lab Sample ID: LRC 460-811334/13
Matrix: Solid
Analysis Batch: 811334

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec. Limits		
Aluminum			200000	210800		ug/L		105	90 - 110		
Sodium			500000	500000		ug/L		100	90 - 110		
Magnesium			500000	507800		ug/L		102	90 - 110		
Potassium			500000	512000		ug/L		102	90 - 110		
Calcium			500000	505400		ug/L		101	90 - 110		
Iron			500000	495600		ug/L		99	90 - 110		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-811238/1-A
Matrix: Solid
Analysis Batch: 811331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811238

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	U	0.017	0.0080	mg/Kg		11/04/21 03:45	11/04/21 08:12	1

Lab Sample ID: LCSSRM 460-811238/2-A ^40
Matrix: Solid
Analysis Batch: 811331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811238

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			16.5	16.05		mg/Kg		97.3	74.5 - 124.8		

Lab Sample ID: 460-246207-E-8-E MS
Matrix: Solid
Analysis Batch: 811331

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 811238

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.016	J	0.0828	0.113		mg/Kg	☼	117	80 - 120		

Lab Sample ID: 460-246207-E-8-D DU
Matrix: Solid
Analysis Batch: 811331

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 811238

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.016	J		0.0191		mg/Kg	☼			17	20

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
A	The tentatively identified compound is a suspected aldol-condensation product.
J	Indicates an Estimated Value for TICs
N	This flag indicates the presumptive evidence of a compound.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
W	PS: Post-digestion spike was outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 810288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	5035	
460-246210-2	SB-2	Total/NA	Solid	5035	
460-246210-3	HA-1	Total/NA	Solid	5035	
460-246210-4	HA-2	Total/NA	Solid	5035	
460-246210-5	HA-3	Total/NA	Solid	5035	
460-246210-6	HA-4	Total/NA	Solid	5035	
460-246210-7	HA-5	Total/NA	Solid	5035	
460-246210-8	HA-6	Total/NA	Solid	5035	
460-246210-9	HA-7	Total/NA	Solid	5035	
LB3 460-810288/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 810773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-3	HA-1	Total/NA	Solid	8260D	810288
460-246210-4	HA-2	Total/NA	Solid	8260D	810288
460-246210-5	HA-3	Total/NA	Solid	8260D	810288
460-246210-6	HA-4	Total/NA	Solid	8260D	810288
460-246210-7	HA-5	Total/NA	Solid	8260D	810288
460-246210-8	HA-6	Total/NA	Solid	8260D	810288
LB3 460-810288/1-A	Method Blank	Total/NA	Solid	8260D	810288
MB 460-810773/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-810773/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-810773/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 810922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8260D	810288
460-246210-2	SB-2	Total/NA	Solid	8260D	810288
460-246210-9	HA-7	Total/NA	Solid	8260D	810288
MB 460-810922/9	Method Blank	Total/NA	Solid	8260D	
LCS 460-810922/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-810922/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 810548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	3546	
460-246210-2	SB-2	Total/NA	Solid	3546	
460-246210-3	HA-1	Total/NA	Solid	3546	
460-246210-4	HA-2	Total/NA	Solid	3546	
460-246210-5	HA-3	Total/NA	Solid	3546	
460-246210-6	HA-4	Total/NA	Solid	3546	
460-246210-7	HA-5	Total/NA	Solid	3546	
460-246210-8	HA-6	Total/NA	Solid	3546	
460-246210-9	HA-7	Total/NA	Solid	3546	
MB 460-810548/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-810548/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-810548/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-246194-A-1-D MS	Matrix Spike	Total/NA	Solid	3546	
460-246194-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 810633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8270E	810548
460-246210-3	HA-1	Total/NA	Solid	8270E	810548
460-246210-4	HA-2	Total/NA	Solid	8270E	810548
460-246210-5	HA-3	Total/NA	Solid	8270E	810548
460-246210-6	HA-4	Total/NA	Solid	8270E	810548
460-246210-7	HA-5	Total/NA	Solid	8270E	810548
460-246210-8	HA-6	Total/NA	Solid	8270E	810548
460-246210-9	HA-7	Total/NA	Solid	8270E	810548
MB 460-810548/1-A	Method Blank	Total/NA	Solid	8270E	810548
LCS 460-810548/2-A	Lab Control Sample	Total/NA	Solid	8270E	810548
LCSD 460-810548/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	810548
460-246194-A-1-D MS	Matrix Spike	Total/NA	Solid	8270E	810548
460-246194-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	810548

Analysis Batch: 810823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-2	SB-2	Total/NA	Solid	8270E	810548

GC Semi VOA

Prep Batch: 810507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	3546	
460-246210-2	SB-2	Total/NA	Solid	3546	
460-246210-3	HA-1	Total/NA	Solid	3546	
460-246210-4	HA-2	Total/NA	Solid	3546	
460-246210-5	HA-3	Total/NA	Solid	3546	
460-246210-6	HA-4	Total/NA	Solid	3546	
460-246210-7	HA-5	Total/NA	Solid	3546	
460-246210-8	HA-6	Total/NA	Solid	3546	
460-246210-9	HA-7	Total/NA	Solid	3546	
MB 460-810507/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-810507/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-810507/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 810508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	3546	
460-246210-2	SB-2	Total/NA	Solid	3546	
460-246210-3	HA-1	Total/NA	Solid	3546	
460-246210-4	HA-2	Total/NA	Solid	3546	
460-246210-5	HA-3	Total/NA	Solid	3546	
460-246210-6	HA-4	Total/NA	Solid	3546	
460-246210-7	HA-5	Total/NA	Solid	3546	
460-246210-8	HA-6	Total/NA	Solid	3546	
460-246210-9	HA-7	Total/NA	Solid	3546	
MB 460-810508/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-810508/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-810508/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 810665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8081B	810508
460-246210-2	SB-2	Total/NA	Solid	8081B	810508
460-246210-3	HA-1	Total/NA	Solid	8081B	810508
460-246210-4	HA-2	Total/NA	Solid	8081B	810508
460-246210-5	HA-3	Total/NA	Solid	8081B	810508
460-246210-6	HA-4	Total/NA	Solid	8081B	810508
460-246210-7	HA-5	Total/NA	Solid	8081B	810508
460-246210-8	HA-6	Total/NA	Solid	8081B	810508
MB 460-810508/1-A	Method Blank	Total/NA	Solid	8081B	810508
LCS 460-810508/2-A	Lab Control Sample	Total/NA	Solid	8081B	810508
LCSD 460-810508/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	810508

Analysis Batch: 810761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-9	HA-7	Total/NA	Solid	8081B	810508

Analysis Batch: 810881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8082A	810507
460-246210-2	SB-2	Total/NA	Solid	8082A	810507
460-246210-3	HA-1	Total/NA	Solid	8082A	810507
460-246210-4	HA-2	Total/NA	Solid	8082A	810507
460-246210-5	HA-3	Total/NA	Solid	8082A	810507
460-246210-6	HA-4	Total/NA	Solid	8082A	810507
460-246210-7	HA-5	Total/NA	Solid	8082A	810507
460-246210-8	HA-6	Total/NA	Solid	8082A	810507
460-246210-9	HA-7	Total/NA	Solid	8082A	810507
MB 460-810507/1-A	Method Blank	Total/NA	Solid	8082A	810507
LCS 460-810507/2-A	Lab Control Sample	Total/NA	Solid	8082A	810507
LCSD 460-810507/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	810507

Prep Batch: 811219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8151A	
460-246210-2	SB-2	Total/NA	Solid	8151A	
460-246210-3	HA-1	Total/NA	Solid	8151A	
460-246210-4	HA-2	Total/NA	Solid	8151A	
460-246210-5	HA-3	Total/NA	Solid	8151A	
460-246210-6	HA-4	Total/NA	Solid	8151A	
460-246210-7	HA-5	Total/NA	Solid	8151A	
460-246210-8	HA-6	Total/NA	Solid	8151A	
460-246210-9	HA-7	Total/NA	Solid	8151A	
MB 460-811219/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-811219/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-811219/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 811270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	8151A	811219
460-246210-2	SB-2	Total/NA	Solid	8151A	811219
460-246210-3	HA-1	Total/NA	Solid	8151A	811219

GC Semi VOA (Continued)

Analysis Batch: 811270 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-4	HA-2	Total/NA	Solid	8151A	811219
460-246210-5	HA-3	Total/NA	Solid	8151A	811219
460-246210-6	HA-4	Total/NA	Solid	8151A	811219
460-246210-7	HA-5	Total/NA	Solid	8151A	811219
460-246210-8	HA-6	Total/NA	Solid	8151A	811219
460-246210-9	HA-7	Total/NA	Solid	8151A	811219
MB 460-811219/1-A	Method Blank	Total/NA	Solid	8151A	811219
LCS 460-811219/2-A	Lab Control Sample	Total/NA	Solid	8151A	811219
LCSD 460-811219/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	811219

Metals

Prep Batch: 811238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	7471B	
460-246210-2	SB-2	Total/NA	Solid	7471B	
460-246210-3	HA-1	Total/NA	Solid	7471B	
460-246210-4	HA-2	Total/NA	Solid	7471B	
460-246210-5	HA-3	Total/NA	Solid	7471B	
460-246210-6	HA-4	Total/NA	Solid	7471B	
460-246210-7	HA-5	Total/NA	Solid	7471B	
460-246210-8	HA-6	Total/NA	Solid	7471B	
460-246210-9	HA-7	Total/NA	Solid	7471B	
MB 460-811238/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-811238/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	
460-246207-E-8-E MS	Matrix Spike	Total/NA	Solid	7471B	
460-246207-E-8-D DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 811240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	3050B	
460-246210-2	SB-2	Total/NA	Solid	3050B	
460-246210-3	HA-1	Total/NA	Solid	3050B	
460-246210-4	HA-2	Total/NA	Solid	3050B	
460-246210-5	HA-3	Total/NA	Solid	3050B	
460-246210-6	HA-4	Total/NA	Solid	3050B	
460-246210-7	HA-5	Total/NA	Solid	3050B	
460-246210-8	HA-6	Total/NA	Solid	3050B	
460-246210-9	HA-7	Total/NA	Solid	3050B	
MB 460-811240/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-811240/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
460-246212-G-11-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-246212-G-11-C DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 811331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	7471B	811238
460-246210-2	SB-2	Total/NA	Solid	7471B	811238
460-246210-3	HA-1	Total/NA	Solid	7471B	811238
460-246210-4	HA-2	Total/NA	Solid	7471B	811238
460-246210-5	HA-3	Total/NA	Solid	7471B	811238

Metals (Continued)

Analysis Batch: 811331 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-6	HA-4	Total/NA	Solid	7471B	811238
460-246210-7	HA-5	Total/NA	Solid	7471B	811238
460-246210-8	HA-6	Total/NA	Solid	7471B	811238
460-246210-9	HA-7	Total/NA	Solid	7471B	811238
MB 460-811238/1-A	Method Blank	Total/NA	Solid	7471B	811238
LCSSRM 460-811238/2-A ^4	Lab Control Sample	Total/NA	Solid	7471B	811238
460-246207-E-8-E MS	Matrix Spike	Total/NA	Solid	7471B	811238
460-246207-E-8-D DU	Duplicate	Total/NA	Solid	7471B	811238

Analysis Batch: 811334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	6020B	811240
460-246210-2	SB-2	Total/NA	Solid	6020B	811240
460-246210-3	HA-1	Total/NA	Solid	6020B	811240
460-246210-4	HA-2	Total/NA	Solid	6020B	811240
460-246210-5	HA-3	Total/NA	Solid	6020B	811240
460-246210-6	HA-4	Total/NA	Solid	6020B	811240
460-246210-7	HA-5	Total/NA	Solid	6020B	811240
460-246210-8	HA-6	Total/NA	Solid	6020B	811240
460-246210-9	HA-7	Total/NA	Solid	6020B	811240
MB 460-811240/1-A	Method Blank	Total/NA	Solid	6020B	811240
LCSSRM 460-811240/2-A ^5	Lab Control Sample	Total/NA	Solid	6020B	811240
LRC 460-811334/12	Lab Control Sample		Solid	6020B	
LRC 460-811334/13	Lab Control Sample		Solid	6020B	
460-246212-G-11-D MS	Matrix Spike	Total/NA	Solid	6020B	811240
460-246212-G-11-C DU	Duplicate	Total/NA	Solid	6020B	811240

General Chemistry

Analysis Batch: 810953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-246210-1	SB-1	Total/NA	Solid	Moisture	
460-246210-2	SB-2	Total/NA	Solid	Moisture	
460-246210-3	HA-1	Total/NA	Solid	Moisture	
460-246210-4	HA-2	Total/NA	Solid	Moisture	
460-246210-5	HA-3	Total/NA	Solid	Moisture	
460-246210-6	HA-4	Total/NA	Solid	Moisture	
460-246210-7	HA-5	Total/NA	Solid	Moisture	
460-246210-8	HA-6	Total/NA	Solid	Moisture	
460-246210-9	HA-7	Total/NA	Solid	Moisture	
460-246207-E-7 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: SB-1
Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: SB-1
Date Collected: 10/28/21 08:35
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-1
Matrix: Solid
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810922	11/03/21 00:38	VBP	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 14:43	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 15:56	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 16:33	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 11:19	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 11:30	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:22	TJS	TAL EDI

Client Sample ID: SB-2
Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: SB-2
Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810922	11/02/21 22:26	VBP	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810823	11/02/21 15:20	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 17:59	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 17:23	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 11:33	SAK	TAL EDI

Client Sample ID: SB-2
Date Collected: 10/28/21 09:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-2
Matrix: Solid
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 11:33	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:24	TJS	TAL EDI

Client Sample ID: HA-1
Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-1
Date Collected: 10/28/21 07:55
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-3
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 16:18	AAT	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 18:36	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 18:11	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 17:40	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 11:46	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 11:35	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:26	TJS	TAL EDI

Client Sample ID: HA-2
Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-2
Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-4
Matrix: Solid
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 16:40	AAT	TAL EDI

Client Sample ID: HA-2

Lab Sample ID: 460-246210-4

Date Collected: 10/28/21 08:10
Date Received: 10/29/21 20:00

Matrix: Solid
Percent Solids: 79.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 18:59	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 18:24	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 17:56	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 12:00	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 11:37	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:28	TJS	TAL EDI

Client Sample ID: HA-3

Lab Sample ID: 460-246210-5

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-3

Lab Sample ID: 460-246210-5

Date Collected: 10/28/21 08:50
Date Received: 10/29/21 20:00

Matrix: Solid
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 17:02	AAT	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 19:23	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 18:36	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 18:13	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 12:13	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 12:00	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:33	TJS	TAL EDI

Client Sample ID: HA-4
Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-4
Date Collected: 10/28/21 09:05
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-6
Matrix: Solid
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 17:24	AAT	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 19:47	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 18:48	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 18:29	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 12:27	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 12:02	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:35	TJS	TAL EDI

Client Sample ID: HA-5
Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-5
Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7
Matrix: Solid
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 17:46	AAT	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 20:10	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 19:01	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 18:46	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 12:40	SAK	TAL EDI

Client Sample ID: HA-5
Date Collected: 10/28/21 09:20
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-7
Matrix: Solid
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 12:04	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:37	TJS	TAL EDI

Client Sample ID: HA-6
Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-6
Date Collected: 10/28/21 09:40
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-8
Matrix: Solid
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810773	11/02/21 18:08	AAT	TAL EDI
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 17:25	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810665	11/01/21 19:13	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 19:03	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 12:54	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 12:23	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:39	TJS	TAL EDI

Client Sample ID: HA-7
Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	810953	11/02/21 19:12	MIE	TAL EDI

Client Sample ID: HA-7
Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			810288	10/30/21 04:39	AAT	TAL EDI
Total/NA	Analysis	8260D		1	810922	11/02/21 22:48	VBP	TAL EDI

Lab Chronicle

Client: Pennoni Associates, Inc.
Project/Site: KLMLX21003

Job ID: 460-246210-1

Client Sample ID: HA-7

Date Collected: 10/28/21 10:15
Date Received: 10/29/21 20:00

Lab Sample ID: 460-246210-9

Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			810548	10/31/21 17:38	SLK	TAL EDI
Total/NA	Analysis	8270E		1	810633	11/01/21 17:48	DAN	TAL EDI
Total/NA	Prep	3546			810508	10/31/21 09:13	ZXB	TAL EDI
Total/NA	Analysis	8081B		1	810761	11/02/21 10:27	FAM	TAL EDI
Total/NA	Prep	3546			810507	10/31/21 09:10	ZXB	TAL EDI
Total/NA	Analysis	8082A		1	810881	11/02/21 19:19	JHP	TAL EDI
Total/NA	Prep	8151A			811219	11/03/21 23:56	AFR	TAL EDI
Total/NA	Analysis	8151A		1	811270	11/04/21 13:07	SAK	TAL EDI
Total/NA	Prep	3050B			811240	11/04/21 03:52	GMC	TAL EDI
Total/NA	Analysis	6020B		1	811334	11/04/21 12:25	MDC	TAL EDI
Total/NA	Prep	7471B			811238	11/04/21 03:45	TJS	TAL EDI
Total/NA	Analysis	7471B		1	811331	11/04/21 08:41	TJS	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Pennoni Associates, Inc. Job ID: 460-246210-1
Project/Site: KLMLX21003

Laboratory: Eurofins TestAmerica, Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	68-00522	02-28-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-1	460-246210-1	103	94	87	97
SB-2	460-246210-2	108	102	93	104
HA-1	460-246210-3	104	97	90	99
HA-2	460-246210-4	100	94	88	96
HA-3	460-246210-5	99	95	87	95
HA-4	460-246210-6	97	93	87	93
HA-5	460-246210-7	101	94	88	97
HA-6	460-246210-8	105	99	91	98
HA-7	460-246210-9	102	95	88	97
	MB 460-810773/8	98	89	86	93
	MB 460-810922/9	103	99	91	100
	LB3 460-810288/1-A	102	92	89	97
	LCS 460-810773/3	97	89	89	95
	LCS 460-810922/3	102	96	97	102
	LCSD 460-810773/4	104	98	98	102
	LCSD 460-810922/5	102	97	96	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	70-139

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85499.D

Lab ID: LCS 460-810773/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	0.0200	0.0217	109	48-150	
Bromomethane	0.0200	0.0237	118	46-150	
Vinyl chloride	0.0200	0.0211	106	56-147	
Chloroethane	0.0200	0.0252	126	49-150	
Methylene Chloride	0.0200	0.0180	90	76-127	
Acetone	0.100	0.0762	76	63-131	
Carbon disulfide	0.0200	0.0193	97	67-136	
Trichlorofluoromethane	0.0200	0.0184	92	67-142	
1,1-Dichloroethene	0.0200	0.0185	92	77-132	
1,1-Dichloroethane	0.0200	0.0182	91	76-129	
trans-1,2-Dichloroethene	0.0200	0.0179	90	78-128	
cis-1,2-Dichloroethene	0.0200	0.0172	86	80-123	
Chloroform	0.0200	0.0170	85	79-126	
1,2-Dichloroethane	0.0200	0.0153	77	70-132	
2-Butanone (MEK)	0.100	0.0723	72	75-120	*-
1,1,1-Trichloroethane	0.0200	0.0166	83	78-132	
Carbon tetrachloride	0.0200	0.0162	81	72-136	
Dichlorobromomethane	0.0200	0.0164	82	73-124	
1,2-Dichloropropane	0.0200	0.0180	90	73-124	
cis-1,3-Dichloropropene	0.0200	0.0165	83	72-120	
Trichloroethene	0.0200	0.0169	85	79-120	
Chlorodibromomethane	0.0200	0.0152	76	62-128	
1,1,2-Trichloroethane	0.0200	0.0171	85	75-120	
Benzene	0.0200	0.0178	89	80-123	
trans-1,3-Dichloropropene	0.0200	0.0158	79	68-120	
Bromoform	0.0200	0.0150	75	48-142	
4-Methyl-2-pentanone (MIBK)	0.100	0.0793	79	80-122	*-
2-Hexanone	0.100	0.0778	78	78-120	
Tetrachloroethene	0.0200	0.0157	79	78-123	
1,1,2,2-Tetrachloroethane	0.0200	0.0184	92	69-123	
Toluene	0.0200	0.0163	81	80-120	
Chlorobenzene	0.0200	0.0159	79	80-120	*-
Ethylbenzene	0.0200	0.0163	81	80-120	
Styrene	0.0200	0.0168	84	80-120	
Xylenes, Total	0.0400	0.0327	82	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0193	97	78-136	
Methyl tert-butyl ether	0.0200	0.0172	86	80-125	
Cyclohexane	0.0200	0.0190	95	80-132	
Ethylene Dibromide	0.0200	0.0162	81	79-120	
1,3-Dichlorobenzene	0.0200	0.0168	84	80-120	
1,4-Dichlorobenzene	0.0200	0.0169	85	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85499.D

Lab ID: LCS 460-810773/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2-Dichlorobenzene	0.0200	0.0169	85	80-120	
Dichlorodifluoromethane	0.0200	0.0197	99	40-146	
1,2,4-Trichlorobenzene	0.0200	0.0163	81	75-120	
1,4-Dioxane	0.400	0.321	80	73-136	
1,2,3-Trichlorobenzene	0.0200	0.0176	88	65-144	
1,2-Dibromo-3-Chloropropane	0.0200	0.0176	88	60-126	
Chlorobromomethane	0.0200	0.0168	84	76-127	
Isopropylbenzene	0.0200	0.0170	85	80-120	
Methyl acetate	0.0400	0.0410	102	58-143	
Methylcyclohexane	0.0200	0.0184	92	79-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85531.D

Lab ID: LCS 460-810922/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	0.0200	0.0229	114	48-150	
Bromomethane	0.0200	0.0241	121	46-150	
Vinyl chloride	0.0200	0.0215	108	56-147	
Chloroethane	0.0200	0.0250	125	49-150	
Methylene Chloride	0.0200	0.0200	100	76-127	
Acetone	0.100	0.0854	85	63-131	
Carbon disulfide	0.0200	0.0217	108	67-136	
Trichlorofluoromethane	0.0200	0.0196	98	67-142	
1,1-Dichloroethene	0.0200	0.0206	103	77-132	
1,1-Dichloroethane	0.0200	0.0201	101	76-129	
trans-1,2-Dichloroethene	0.0200	0.0200	100	78-128	
cis-1,2-Dichloroethene	0.0200	0.0192	96	80-123	
Chloroform	0.0200	0.0186	93	79-126	
1,2-Dichloroethane	0.0200	0.0170	85	70-132	
2-Butanone (MEK)	0.100	0.0803	80	75-120	
1,1,1-Trichloroethane	0.0200	0.0181	91	78-132	
Carbon tetrachloride	0.0200	0.0177	88	72-136	
Dichlorobromomethane	0.0200	0.0180	90	73-124	
1,2-Dichloropropane	0.0200	0.0203	101	73-124	
cis-1,3-Dichloropropene	0.0200	0.0184	92	72-120	
Trichloroethene	0.0200	0.0191	95	79-120	
Chlorodibromomethane	0.0200	0.0166	83	62-128	
1,1,2-Trichloroethane	0.0200	0.0193	96	75-120	
Benzene	0.0200	0.0198	99	80-123	
trans-1,3-Dichloropropene	0.0200	0.0180	90	68-120	
Bromoform	0.0200	0.0169	84	48-142	
4-Methyl-2-pentanone (MIBK)	0.100	0.0885	89	80-122	
2-Hexanone	0.100	0.0876	88	78-120	
Tetrachloroethene	0.0200	0.0174	87	78-123	
1,1,2,2-Tetrachloroethane	0.0200	0.0207	104	69-123	
Toluene	0.0200	0.0183	92	80-120	
Chlorobenzene	0.0200	0.0179	89	80-120	
Ethylbenzene	0.0200	0.0179	90	80-120	
Styrene	0.0200	0.0184	92	80-120	
Xylenes, Total	0.0400	0.0358	90	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0214	107	78-136	
Methyl tert-butyl ether	0.0200	0.0191	95	80-125	
Cyclohexane	0.0200	0.0208	104	80-132	
Ethylene Dibromide	0.0200	0.0181	90	79-120	
1,3-Dichlorobenzene	0.0200	0.0185	93	80-120	
1,4-Dichlorobenzene	0.0200	0.0187	94	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85531.D

Lab ID: LCS 460-810922/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2-Dichlorobenzene	0.0200	0.0183	92	80-120	
Dichlorodifluoromethane	0.0200	0.0213	106	40-146	
1,2,4-Trichlorobenzene	0.0200	0.0177	88	75-120	
1,4-Dioxane	0.400	0.367	92	73-136	
1,2,3-Trichlorobenzene	0.0200	0.0184	92	65-144	
1,2-Dibromo-3-Chloropropane	0.0200	0.0193	97	60-126	
Chlorobromomethane	0.0200	0.0184	92	76-127	
Isopropylbenzene	0.0200	0.0180	90	80-120	
Methyl acetate	0.0400	0.0441	110	58-143	
Methylcyclohexane	0.0200	0.0194	97	79-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85500.D

Lab ID: LCSD 460-810773/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	0.0200	0.0237	118	9	30	48-150	
Bromomethane	0.0200	0.0251	126	6	30	46-150	
Vinyl chloride	0.0200	0.0222	111	5	30	56-147	
Chloroethane	0.0200	0.0271	135	7	30	49-150	
Methylene Chloride	0.0200	0.0203	101	12	30	76-127	
Acetone	0.100	0.0845	84	10	30	63-131	
Carbon disulfide	0.0200	0.0219	109	12	30	67-136	
Trichlorofluoromethane	0.0200	0.0200	100	8	30	67-142	
1,1-Dichloroethene	0.0200	0.0210	105	13	30	77-132	
1,1-Dichloroethane	0.0200	0.0205	102	11	30	76-129	
trans-1,2-Dichloroethene	0.0200	0.0204	102	13	30	78-128	
cis-1,2-Dichloroethene	0.0200	0.0196	98	13	30	80-123	
Chloroform	0.0200	0.0191	95	12	30	79-126	
1,2-Dichloroethane	0.0200	0.0173	86	12	30	70-132	
2-Butanone (MEK)	0.100	0.0813	81	12	30	75-120	
1,1,1-Trichloroethane	0.0200	0.0188	94	12	30	78-132	
Carbon tetrachloride	0.0200	0.0183	91	12	30	72-136	
Dichlorobromomethane	0.0200	0.0187	93	13	30	73-124	
1,2-Dichloropropane	0.0200	0.0204	102	13	30	73-124	
cis-1,3-Dichloropropene	0.0200	0.0185	92	11	30	72-120	
Trichloroethene	0.0200	0.0192	96	13	30	79-120	
Chlorodibromomethane	0.0200	0.0171	85	12	30	62-128	
1,1,2-Trichloroethane	0.0200	0.0193	97	12	30	75-120	
Benzene	0.0200	0.0199	99	11	30	80-123	
trans-1,3-Dichloropropene	0.0200	0.0179	90	12	30	68-120	
Bromoform	0.0200	0.0173	87	14	30	48-142	
4-Methyl-2-pentanone (MIBK)	0.100	0.0911	91	14	30	80-122	
2-Hexanone	0.100	0.0886	89	13	30	78-120	
Tetrachloroethene	0.0200	0.0177	89	12	30	78-123	
1,1,2,2-Tetrachloroethane	0.0200	0.0209	104	12	30	69-123	
Toluene	0.0200	0.0188	94	14	30	80-120	
Chlorobenzene	0.0200	0.0180	90	13	30	80-120	
Ethylbenzene	0.0200	0.0182	91	11	30	80-120	
Styrene	0.0200	0.0187	94	11	30	80-120	
Xylenes, Total	0.0400	0.0365	91	11	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0220	110	13	30	78-136	
Methyl tert-butyl ether	0.0200	0.0196	98	13	30	80-125	
Cyclohexane	0.0200	0.0215	107	12	30	80-132	
Ethylene Dibromide	0.0200	0.0184	92	13	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0190	95	12	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0190	95	12	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85500.D

Lab ID: LCSD 460-810773/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dichlorobenzene	0.0200	0.0188	94	11	30	80-120	
Dichlorodifluoromethane	0.0200	0.0217	108	9	30	40-146	
1,2,4-Trichlorobenzene	0.0200	0.0182	91	11	30	75-120	
1,4-Dioxane	0.400	0.339	85	5	30	73-136	
1,2,3-Trichlorobenzene	0.0200	0.0193	96	9	30	65-144	
1,2-Dibromo-3-Chloropropane	0.0200	0.0190	95	7	30	60-126	
Chlorobromomethane	0.0200	0.0192	96	13	30	76-127	
Isopropylbenzene	0.0200	0.0188	94	10	30	80-120	
Methyl acetate	0.0400	0.0457	114	11	30	58-143	
Methylcyclohexane	0.0200	0.0209	104	13	30	79-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85533.D

Lab ID: LCSD 460-810922/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	0.0200	0.0245	123	7	30	48-150	
Bromomethane	0.0200	0.0216	108	11	30	46-150	
Vinyl chloride	0.0200	0.0233	117	8	30	56-147	
Chloroethane	0.0200	0.0268	134	7	30	49-150	
Methylene Chloride	0.0200	0.0214	107	7	30	76-127	
Acetone	0.100	0.0874	87	2	30	63-131	
Carbon disulfide	0.0200	0.0239	120	10	30	67-136	
Trichlorofluoromethane	0.0200	0.0217	108	10	30	67-142	
1,1-Dichloroethene	0.0200	0.0229	114	10	30	77-132	
1,1-Dichloroethane	0.0200	0.0220	110	9	30	76-129	
trans-1,2-Dichloroethene	0.0200	0.0219	110	9	30	78-128	
cis-1,2-Dichloroethene	0.0200	0.0207	104	8	30	80-123	
Chloroform	0.0200	0.0201	101	8	30	79-126	
1,2-Dichloroethane	0.0200	0.0187	93	9	30	70-132	
2-Butanone (MEK)	0.100	0.0829	83	3	30	75-120	
1,1,1-Trichloroethane	0.0200	0.0204	102	12	30	78-132	
Carbon tetrachloride	0.0200	0.0199	100	12	30	72-136	
Dichlorobromomethane	0.0200	0.0198	99	9	30	73-124	
1,2-Dichloropropane	0.0200	0.0221	110	9	30	73-124	
cis-1,3-Dichloropropene	0.0200	0.0199	99	7	30	72-120	
Trichloroethene	0.0200	0.0213	107	11	30	79-120	
Chlorodibromomethane	0.0200	0.0182	91	9	30	62-128	
1,1,2-Trichloroethane	0.0200	0.0210	105	9	30	75-120	
Benzene	0.0200	0.0216	108	9	30	80-123	
trans-1,3-Dichloropropene	0.0200	0.0192	96	7	30	68-120	
Bromoform	0.0200	0.0189	94	11	30	48-142	
4-Methyl-2-pentanone (MIBK)	0.100	0.0909	91	3	30	80-122	
2-Hexanone	0.100	0.0896	90	2	30	78-120	
Tetrachloroethene	0.0200	0.0193	97	11	30	78-123	
1,1,2,2-Tetrachloroethane	0.0200	0.0226	113	8	30	69-123	
Toluene	0.0200	0.0201	101	9	30	80-120	
Chlorobenzene	0.0200	0.0192	96	7	30	80-120	
Ethylbenzene	0.0200	0.0198	99	10	30	80-120	
Styrene	0.0200	0.0200	100	8	30	80-120	
Xylenes, Total	0.0400	0.0392	98	9	30	80-120	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0242	121	12	30	78-136	
Methyl tert-butyl ether	0.0200	0.0214	107	12	30	80-125	
Cyclohexane	0.0200	0.0236	118	13	30	80-132	
Ethylene Dibromide	0.0200	0.0199	99	10	30	79-120	
1,3-Dichlorobenzene	0.0200	0.0200	100	8	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0200	100	7	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D85533.D

Lab ID: LCSD 460-810922/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dichlorobenzene	0.0200	0.0199	100	8	30	80-120	
Dichlorodifluoromethane	0.0200	0.0235	117	10	30	40-146	
1,2,4-Trichlorobenzene	0.0200	0.0194	97	9	30	75-120	
1,4-Dioxane	0.400	0.353	88	4	30	73-136	
1,2,3-Trichlorobenzene	0.0200	0.0209	104	12	30	65-144	
1,2-Dibromo-3-Chloropropane	0.0200	0.0224	112	14	30	60-126	
Chlorobromomethane	0.0200	0.0201	100	9	30	76-127	
Isopropylbenzene	0.0200	0.0202	101	12	30	80-120	
Methyl acetate	0.0400	0.0511	128	15	30	58-143	
Methylcyclohexane	0.0200	0.0234	117	19	30	79-133	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: D85504.D Lab Sample ID: MB 460-810773/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 11/02/2021 10:04

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-810773/3	D85499.D	11/02/2021 07:19
	LCSD 460-810773/4	D85500.D	11/02/2021 07:41
	LB3 460-810288/1-A	D85505.D	11/02/2021 10:26
HA-1	460-246210-3	D85521.D	11/02/2021 16:18
HA-2	460-246210-4	D85522.D	11/02/2021 16:40
HA-3	460-246210-5	D85523.D	11/02/2021 17:02
HA-4	460-246210-6	D85524.D	11/02/2021 17:24
HA-5	460-246210-7	D85525.D	11/02/2021 17:46
HA-6	460-246210-8	D85526.D	11/02/2021 18:08

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: D85537.D Lab Sample ID: MB 460-810922/9

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 11/02/2021 22:04

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-810922/3	D85531.D	11/02/2021 19:44
	LCSD 460-810922/5	D85533.D	11/02/2021 20:36
SB-2	460-246210-2	D85538.D	11/02/2021 22:26
HA-7	460-246210-9	D85539.D	11/02/2021 22:48
SB-1	460-246210-1	D85544.D	11/03/2021 00:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: D85144.D BFB Injection Date: 10/22/2021

Instrument ID: CVOAMS4 BFB Injection Time: 08:16

Analysis Batch No.: 808619

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	118.8
96	5 - 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	84.2
175	5 - 9% of m/z 174	8.3
176	95 -105% of m/z 174	96.0
177	5 - 10% of m/z 176	6.7

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-808619/3	D85146.D	10/22/2021	8:59
	STD5 460-808619/4	D85147.D	10/22/2021	9:21
	STD50 460-808619/6	D85149.D	10/22/2021	10:05
	STD200 460-808619/7	D85150.D	10/22/2021	10:27
	STD500 460-808619/8	D85151.D	10/22/2021	10:49
	STD20 460-808619/15	D85158.D	10/22/2021	13:23
	ICV 460-808619/17	D85160.D	10/22/2021	14:08

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: STD20 460-808619/15 Date Analyzed: 10/22/2021 13:23

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85158.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		264297	3.19	218341	4.42	730051	5.72
UPPER LIMIT		528594	3.69	436682	4.92	1460102	6.22
LOWER LIMIT		132149	2.69	109171	3.92	365026	5.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-808619/17		274480	3.19	230279	4.42	745192	5.72

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: STD20 460-808619/15 Date Analyzed: 10/22/2021 13:23

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85158.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		25998	6.58	511466	8.98	282171	10.83
UPPER LIMIT		51996	7.08	1022932	9.48	564342	11.33
LOWER LIMIT		12999	6.08	255733	8.48	141086	10.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-808619/17		25934	6.58	521672	8.99	290906	10.83

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810773/2 Date Analyzed: 11/02/2021 06:56

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85498.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		308591	3.17	252989	4.40	685595	5.70
UPPER LIMIT		617182	3.67	505978	4.90	1371190	6.20
LOWER LIMIT		154296	2.67	126495	3.90	342798	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-810773/3		270150	3.16	235491	4.40	683320	5.70
LCSD 460-810773/4		254074	3.16	219463	4.40	641982	5.69
MB 460-810773/8		212661	3.16	182949	4.39	614727	5.69
LB3 460-810288/1-A		190847	3.16	165728	4.39	593220	5.69
460-246210-3	HA-1	240714	3.16	213049	4.40	642559	5.70
460-246210-4	HA-2	245871	3.16	220406	4.40	668971	5.70
460-246210-5	HA-3	293237	3.16	241693	4.40	687801	5.70
460-246210-6	HA-4	292777	3.16	238985	4.40	686203	5.70
460-246210-7	HA-5	248388	3.16	213037	4.40	658151	5.70
460-246210-8	HA-6	252339	3.16	211745	4.40	641374	5.70

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810773/2 Date Analyzed: 11/02/2021 06:56

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85498.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		28987	6.56	504612	8.97	260593	10.82
UPPER LIMIT		57974	7.06	1009224	9.47	521186	11.32
LOWER LIMIT		14494	6.06	252306	8.47	130297	10.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-810773/3		24061	6.56	493043	8.97	252319	10.82
LCSD 460-810773/4		24268	6.56	467215	8.97	238793	10.82
MB 460-810773/8		20126	6.55	472665	8.97	229382	10.82
LB3 460-810288/1-A		18833	6.55	456235	8.97	220790	10.81
460-246210-3	HA-1	20420	6.56	491151	8.98	240486	10.82
460-246210-4	HA-2	20269	6.56	515777	8.98	251830	10.82
460-246210-5	HA-3	25059	6.56	528239	8.98	252886	10.82
460-246210-6	HA-4	24502	6.56	523379	8.98	257399	10.82
460-246210-7	HA-5	21458	6.56	504007	8.98	240031	10.82
460-246210-8	HA-6	21914	6.56	501094	8.97	241082	10.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810922/2 Date Analyzed: 11/02/2021 19:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85530.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		310504	3.17	256464	4.40	654326	5.70
UPPER LIMIT		621008	3.67	512928	4.90	1308652	6.20
LOWER LIMIT		155252	2.67	128232	3.90	327163	5.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-810922/3		263801	3.16	225881	4.40	654309	5.69
LCSD 460-810922/5		291754	3.17	244753	4.40	624613	5.70
MB 460-810922/9		294568	3.16	237791	4.40	606879	5.70
460-246210-2	SB-2	251212	3.16	207044	4.40	585787	5.69
460-246210-9	HA-7	229408	3.16	198515	4.40	627139	5.69
460-246210-1	SB-1	230109	3.16	192748	4.40	611222	5.69

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810922/2 Date Analyzed: 11/02/2021 19:21

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D85530.D Heated Purge: (Y/N) Y

Calibration ID: 87756

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		26876	6.56	480128	8.98	251063	10.82
UPPER LIMIT		53752	7.06	960256	9.48	502126	11.32
LOWER LIMIT		13438	6.06	240064	8.48	125532	10.32
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-810922/3		23715	6.56	472019	8.97	240129	10.82
LCSD 460-810922/5		27006	6.56	453687	8.97	232218	10.82
MB 460-810922/9		24564	6.56	458496	8.97	218301	10.82
460-246210-2	SB-2	20811	6.55	442697	8.97	204275	10.82
460-246210-9	HA-7	18290	6.55	483941	8.97	235100	10.82
460-246210-1	SB-1	20555	6.55	475237	8.97	231493	10.82

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: D85544.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:35

Sample wt/vol: 4.44(g) Date Analyzed: 11/03/2021 00:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
74-83-9	Bromomethane	0.0013	U	0.0027	0.0013
75-01-4	Vinyl chloride	0.00073	U	0.0013	0.00073
75-00-3	Chloroethane	0.00070	U	0.0013	0.00070
75-09-2	Methylene Chloride	0.0015	U	0.0027	0.0015
67-64-1	Acetone	0.0076	U	0.0080	0.0076
75-15-0	Carbon disulfide	0.00035	U	0.0013	0.00035
75-69-4	Trichlorofluoromethane	0.00054	U	0.0013	0.00054
75-35-4	1,1-Dichloroethene	0.00030	U	0.0013	0.00030
75-34-3	1,1-Dichloroethane	0.00027	U	0.0013	0.00027
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
156-59-2	cis-1,2-Dichloroethene	0.00048	U	0.0013	0.00048
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
107-06-2	1,2-Dichloroethane	0.00039	U	0.0013	0.00039
78-93-3	2-Butanone (MEK)	0.00049	U	0.0067	0.00049
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
56-23-5	Carbon tetrachloride	0.00052	U	0.0013	0.00052
75-27-4	Dichlorobromomethane	0.00034	U	0.0013	0.00034
78-87-5	1,2-Dichloropropane	0.00056	U	0.0013	0.00056
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
79-01-6	Trichloroethene	0.00043	U	0.0013	0.00043
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
71-43-2	Benzene	0.00034	U	0.0013	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
75-25-2	Bromoform	0.00057	U	0.0013	0.00057
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0067	0.0021
591-78-6	2-Hexanone	0.0023	U	0.0067	0.0023
127-18-4	Tetrachloroethene	0.00041	U	0.0013	0.00041
79-34-5	1,1,2,2-Tetrachloroethane	0.00029	U	0.0013	0.00029
108-88-3	Toluene	0.00031	U	0.0013	0.00031
108-90-7	Chlorobenzene	0.00024	U	0.0013	0.00024
100-41-4	Ethylbenzene	0.00027	U	0.0013	0.00027
100-42-5	Styrene	0.00037	U	0.0013	0.00037
1330-20-7	Xylenes, Total	0.00086	U	0.0027	0.00086

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: D85544.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:35

Sample wt/vol: 4.44(g) Date Analyzed: 11/03/2021 00:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040
1634-04-4	Methyl tert-butyl ether	0.00068	U	0.0013	0.00068
110-82-7	Cyclohexane	0.00029	U	0.0013	0.00029
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
541-73-1	1,3-Dichlorobenzene	0.00049	U	0.0013	0.00049
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
95-50-1	1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
120-82-1	1,2,4-Trichlorobenzene	0.00048	U	0.0013	0.00048
123-91-1	1,4-Dioxane	0.012	U	0.027	0.012
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061
74-97-5	Chlorobromomethane	0.00037	U	0.0013	0.00037
98-82-8	Isopropylbenzene	0.00038	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0057	U	0.0067	0.0057
108-87-2	Methylcyclohexane	0.00067	U	0.0013	0.00067

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
2037-26-5	Toluene-d8 (Surr)	87		80-120
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	103		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: D85544.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:35

Sample wt/vol: 4.44(g) Date Analyzed: 11/03/2021 00:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.5 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85544.D				
Lims ID:	460-246210-C-1-A				
Client ID:	SB-1				
Sample Type:	Client				
Inject. Date:	03-Nov-2021 00:38:30	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-246210-C-1-A				
Misc. Info.:	460-0137006-016				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	03-Nov-2021 11:46:30	Calib Date:	22-Oct-2021 13:23:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1601				
First Level Reviewer: martineze		Date:	03-Nov-2021 11:48:24		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	230109	1000.0	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	192748	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.001	0	231928	51.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	176596	46.8	
* 65 Fluorobenzene	96	5.692	5.698	-0.006	0	611222	50.0	
* 71 1,4-Dioxane-d8	96	6.552	6.558	-0.006	0	20555	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	806158	43.6	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	83	475237	50.0	
$ 104 4-Bromofluorobenzene	174	9.947	9.953	-0.006	0	265068	48.3	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	231493	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent

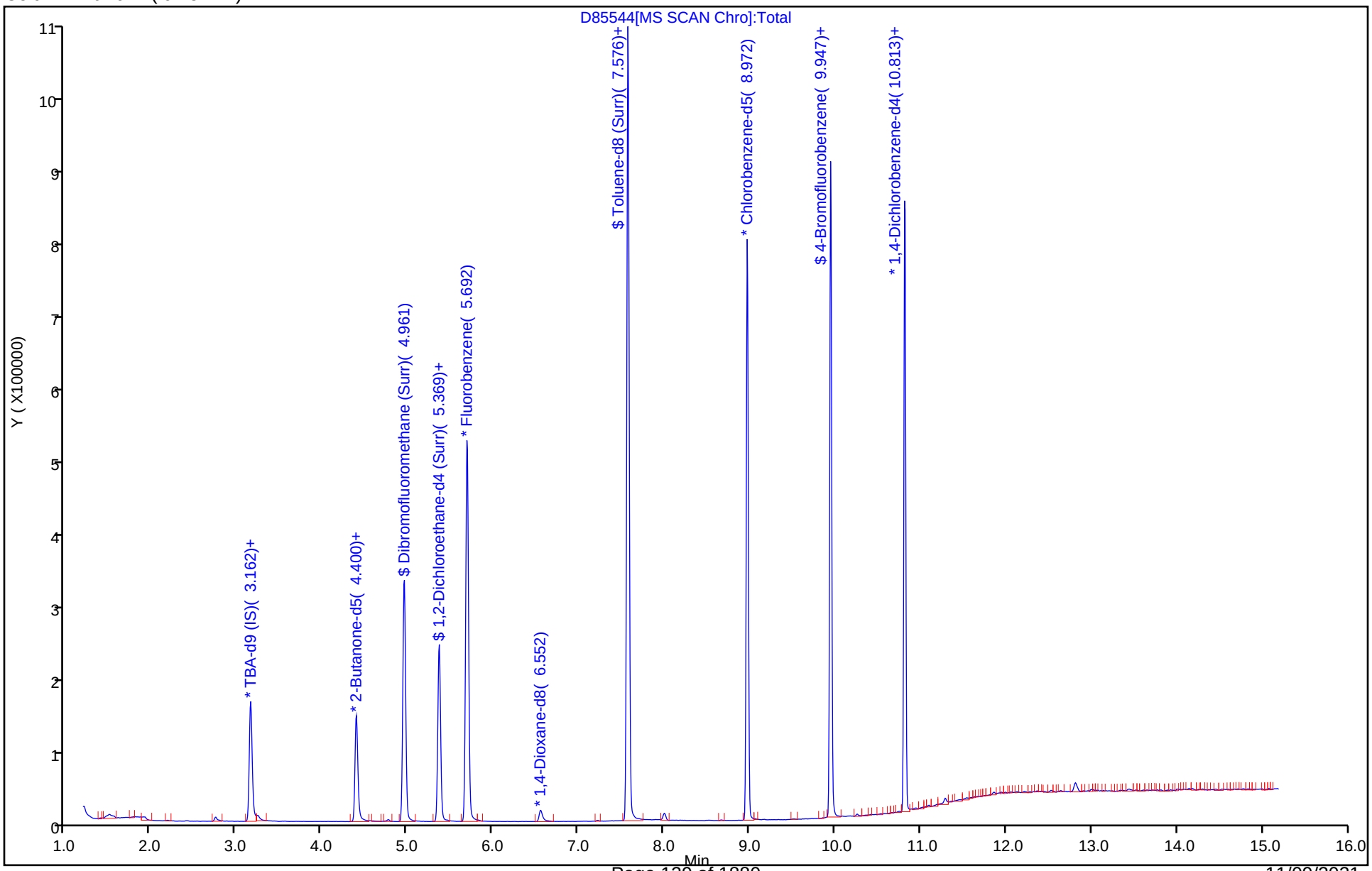
Report Date: 03-Nov-2021 11:48:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85544.D

Injection Date:	03-Nov-2021 00:38:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-1-A	Lab Sample ID:	460-246210-1	Worklist Smp#:	16
Client ID:	SB-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: D85538.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:55

Sample wt/vol: 4.28(g) Date Analyzed: 11/02/2021 22:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
74-83-9	Bromomethane	0.0013	U	0.0026	0.0013
75-01-4	Vinyl chloride	0.00072	U	0.0013	0.00072
75-00-3	Chloroethane	0.00069	U	0.0013	0.00069
75-09-2	Methylene Chloride	0.0015	U	0.0026	0.0015
67-64-1	Acetone	0.20		0.0079	0.0076
75-15-0	Carbon disulfide	0.00035	U	0.0013	0.00035
75-69-4	Trichlorofluoromethane	0.00054	U	0.0013	0.00054
75-35-4	1,1-Dichloroethene	0.00030	U	0.0013	0.00030
75-34-3	1,1-Dichloroethane	0.00027	U	0.0013	0.00027
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
156-59-2	cis-1,2-Dichloroethene	0.00047	U	0.0013	0.00047
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
107-06-2	1,2-Dichloroethane	0.00039	U	0.0013	0.00039
78-93-3	2-Butanone (MEK)	0.0049	J	0.0066	0.00049
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
56-23-5	Carbon tetrachloride	0.00051	U	0.0013	0.00051
75-27-4	Dichlorobromomethane	0.00034	U	0.0013	0.00034
78-87-5	1,2-Dichloropropane	0.00056	U	0.0013	0.00056
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
79-01-6	Trichloroethene	0.00042	U	0.0013	0.00042
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
71-43-2	Benzene	0.00034	U	0.0013	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
75-25-2	Bromoform	0.00056	U	0.0013	0.00056
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0066	0.0021
591-78-6	2-Hexanone	0.0023	U	0.0066	0.0023
127-18-4	Tetrachloroethene	0.00040	U	0.0013	0.00040
79-34-5	1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028
108-88-3	Toluene	0.00031	U	0.0013	0.00031
108-90-7	Chlorobenzene	0.00023	U	0.0013	0.00023
100-41-4	Ethylbenzene	0.00026	U	0.0013	0.00026
100-42-5	Styrene	0.00037	U	0.0013	0.00037
1330-20-7	Xylenes, Total	0.00085	U	0.0026	0.00085

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: D85538.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:55

Sample wt/vol: 4.28(g) Date Analyzed: 11/02/2021 22:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040
1634-04-4	Methyl tert-butyl ether	0.00068	U	0.0013	0.00068
110-82-7	Cyclohexane	0.00029	U	0.0013	0.00029
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
541-73-1	1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
95-50-1	1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
120-82-1	1,2,4-Trichlorobenzene	0.00047	U	0.0013	0.00047
123-91-1	1,4-Dioxane	0.012	U	0.026	0.012
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061
74-97-5	Chlorobromomethane	0.00037	U	0.0013	0.00037
98-82-8	Isopropylbenzene	0.00038	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0057	U	0.0066	0.0057
108-87-2	Methylcyclohexane	0.00066	U	0.0013	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		77-145
2037-26-5	Toluene-d8 (Surr)	93		80-120
460-00-4	4-Bromofluorobenzene	104		70-139
1868-53-7	Dibromofluoromethane (Surr)	108		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: D85538.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:55

Sample wt/vol: 4.28(g) Date Analyzed: 11/02/2021 22:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.7 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85538.D
Lims ID: 460-246210-D-2-A
Client ID: SB-2
Sample Type: Client
Inject. Date: 02-Nov-2021 22:26:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-D-2-A
Misc. Info.: 460-0137006-010
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 11:51:19 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: martineze Date: 03-Nov-2021 11:46:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.742	2.748	-0.006	38	163347	151.8	
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	251212	1000.0	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	207044	250.0	
45 2-Butanone (MEK)	72	4.467	4.467	0.000	0	2049	3.69	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.001	0	233259	53.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	184468	51.0	
* 65 Fluorobenzene	96	5.692	5.698	-0.006	0	585787	50.0	
* 71 1,4-Dioxane-d8	96	6.552	6.558	-0.006	0	20811	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	801129	46.5	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	442697	50.0	
97 m-Xylene & p-Xylene	106	9.167	9.173	-0.006	97	3279	0.2981	
99 o-Xylene	106	9.502	9.502	0.000	84	2101	0.2039	
$ 104 4-Bromofluorobenzene	174	9.947	9.953	-0.006	0	252797	52.2	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	204275	50.0	
S 137 Xylenes, Total	100				0		0.5020	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

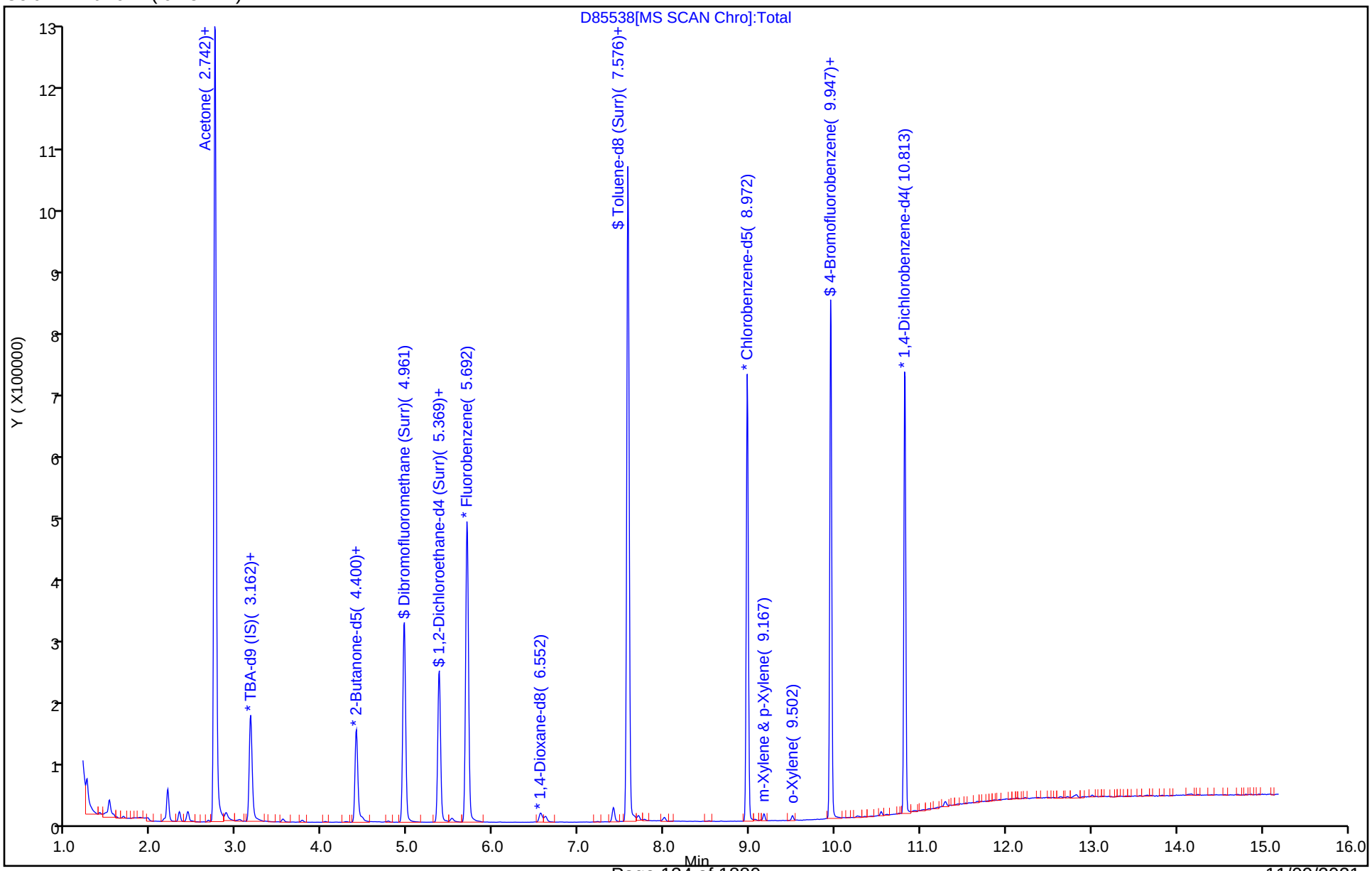
Report Date: 03-Nov-2021 11:51:46 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85538.D

Injection Date:	02-Nov-2021 22:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-D-2-A	Lab Sample ID:	460-246210-2	Worklist Smp#:	10
Client ID:	SB-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

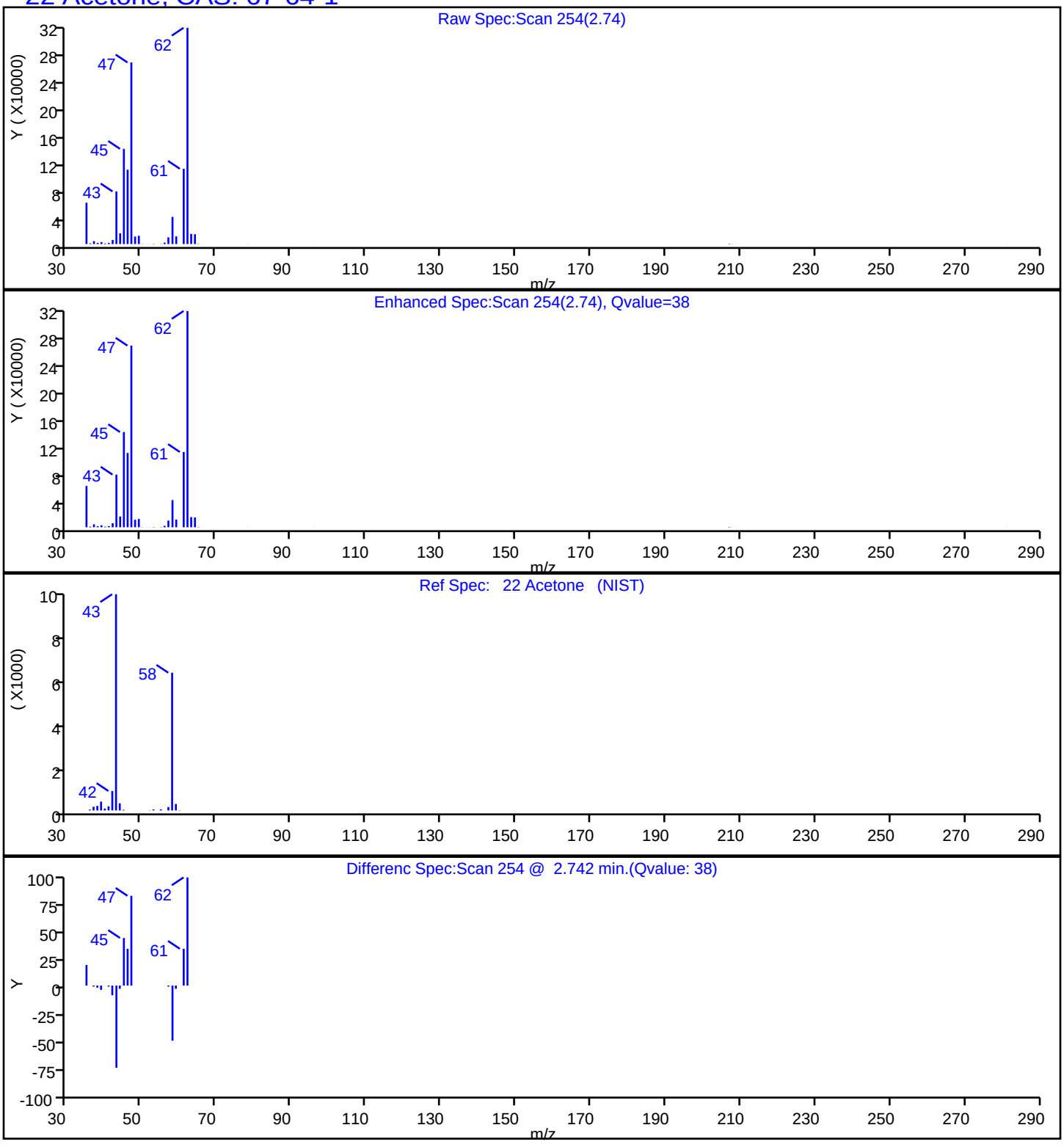
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85538.D		
Injection Date:	02-Nov-2021 22:26:30	Instrument ID:	CVOAMS4
Lims ID:	460-246210-D-2-A	Lab Sample ID:	460-246210-2
Client ID:	SB-2		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

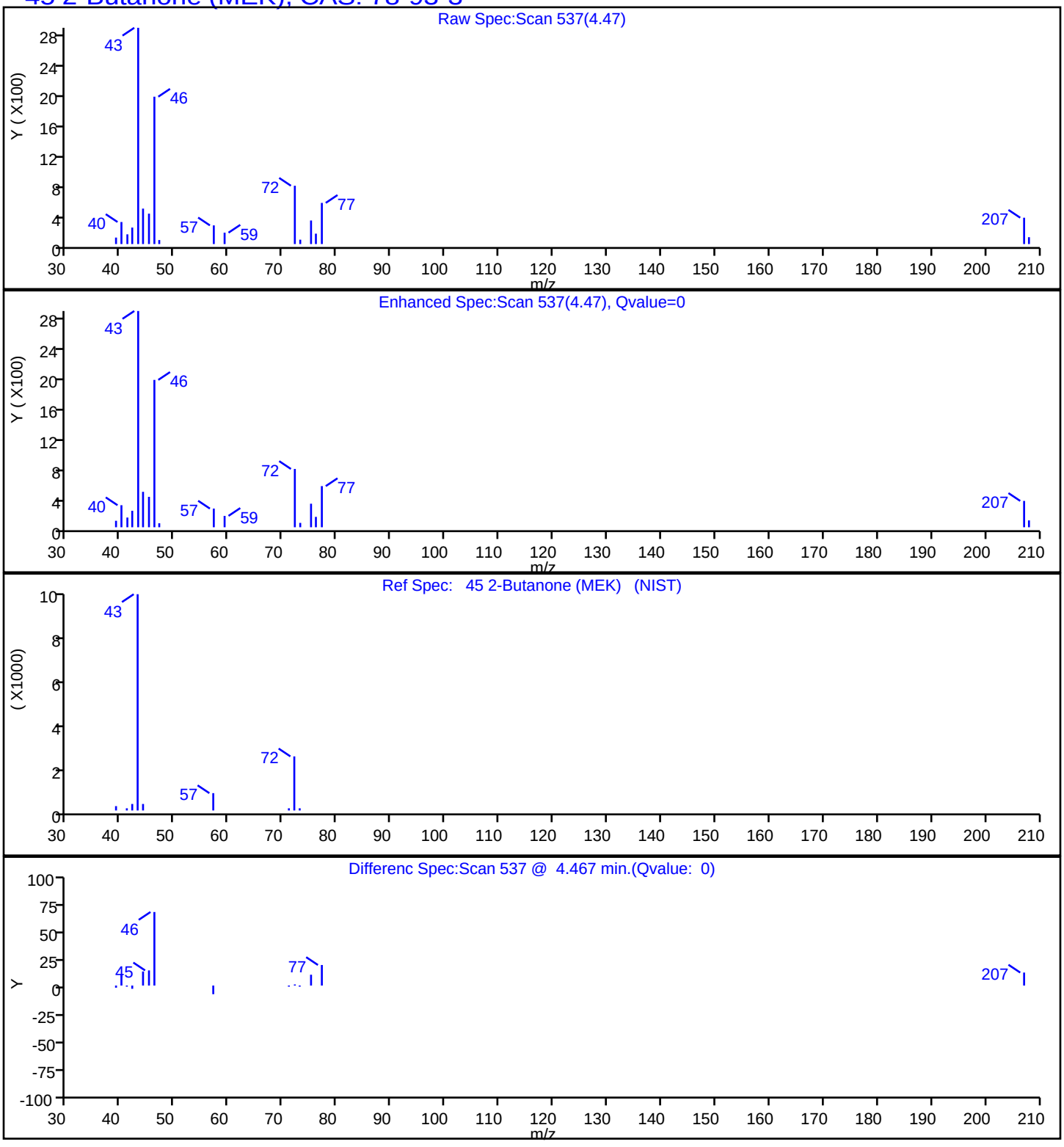
22 Acetone, CAS: 67-64-1



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85538.D		
Injection Date:	02-Nov-2021 22:26:30	Instrument ID:	CVOAMS4
Lims ID:	460-246210-D-2-A	Lab Sample ID:	460-246210-2
Client ID:	SB-2		
Operator ID:		ALS Bottle#:	9 Worklist Smp#: 10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

45 2-Butanone (MEK), CAS: 78-93-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: D85521.D

Analysis Method: 8260D Date Collected: 10/28/2021 07:55

Sample wt/vol: 4.45(g) Date Analyzed: 11/02/2021 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00061	U	0.0014	0.00061
74-83-9	Bromomethane	0.0014	U	0.0028	0.0014
75-01-4	Vinyl chloride	0.00077	U	0.0014	0.00077
75-00-3	Chloroethane	0.00074	U	0.0014	0.00074
75-09-2	Methylene Chloride	0.0016	U	0.0028	0.0016
67-64-1	Acetone	0.0081	U	0.0085	0.0081
75-15-0	Carbon disulfide	0.00038	U	0.0014	0.00038
75-69-4	Trichlorofluoromethane	0.00057	U	0.0014	0.00057
75-35-4	1,1-Dichloroethene	0.00032	U	0.0014	0.00032
75-34-3	1,1-Dichloroethane	0.00029	U	0.0014	0.00029
156-60-5	trans-1,2-Dichloroethene	0.00035	U	0.0014	0.00035
156-59-2	cis-1,2-Dichloroethene	0.00051	U	0.0014	0.00051
67-66-3	Chloroform	0.0014	U	0.0014	0.0014
107-06-2	1,2-Dichloroethane	0.00042	U	0.0014	0.00042
78-93-3	2-Butanone (MEK)	0.00052	U *-	0.0071	0.00052
71-55-6	1,1,1-Trichloroethane	0.00033	U	0.0014	0.00033
56-23-5	Carbon tetrachloride	0.00055	U	0.0014	0.00055
75-27-4	Dichlorobromomethane	0.00036	U	0.0014	0.00036
78-87-5	1,2-Dichloropropane	0.00060	U	0.0014	0.00060
10061-01-5	cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039
79-01-6	Trichloroethene	0.00045	U	0.0014	0.00045
124-48-1	Chlorodibromomethane	0.00027	U	0.0014	0.00027
79-00-5	1,1,2-Trichloroethane	0.00025	U	0.0014	0.00025
71-43-2	Benzene	0.00036	U	0.0014	0.00036
10061-02-6	trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038
75-25-2	Bromoform	0.00060	U	0.0014	0.00060
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0022	U *-	0.0071	0.0022
591-78-6	2-Hexanone	0.0024	U	0.0071	0.0024
127-18-4	Tetrachloroethene	0.00043	U	0.0014	0.00043
79-34-5	1,1,2,2-Tetrachloroethane	0.00030	U	0.0014	0.00030
108-88-3	Toluene	0.00033	U	0.0014	0.00033
108-90-7	Chlorobenzene	0.00025	U *-	0.0014	0.00025
100-41-4	Ethylbenzene	0.00028	U	0.0014	0.00028
100-42-5	Styrene	0.00039	U	0.0014	0.00039
1330-20-7	Xylenes, Total	0.00091	U	0.0028	0.00091

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: D85521.D

Analysis Method: 8260D Date Collected: 10/28/2021 07:55

Sample wt/vol: 4.45(g) Date Analyzed: 11/02/2021 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043
1634-04-4	Methyl tert-butyl ether	0.00072	U	0.0014	0.00072
110-82-7	Cyclohexane	0.00031	U	0.0014	0.00031
106-93-4	Ethylene Dibromide	0.00025	U	0.0014	0.00025
541-73-1	1,3-Dichlorobenzene	0.00052	U	0.0014	0.00052
106-46-7	1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032
95-50-1	1,2-Dichlorobenzene	0.00051	U	0.0014	0.00051
75-71-8	Dichlorodifluoromethane	0.00048	U	0.0014	0.00048
120-82-1	1,2,4-Trichlorobenzene	0.00051	U	0.0014	0.00051
123-91-1	1,4-Dioxane	0.013	U	0.028	0.013
87-61-6	1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.00065	U	0.0014	0.00065
74-97-5	Chlorobromomethane	0.00040	U	0.0014	0.00040
98-82-8	Isopropylbenzene	0.00040	U	0.0014	0.00040
79-20-9	Methyl acetate	0.0061	U	0.0071	0.0061
108-87-2	Methylcyclohexane	0.00071	U	0.0014	0.00071

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-145
2037-26-5	Toluene-d8 (Surr)	90		80-120
460-00-4	4-Bromofluorobenzene	99		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: D85521.D

Analysis Method: 8260D Date Collected: 10/28/2021 07:55

Sample wt/vol: 4.45(g) Date Analyzed: 11/02/2021 16:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85521.D
Lims ID: 460-246210-C-3-A
Client ID: HA-1
Sample Type: Client
Inject. Date: 02-Nov-2021 16:18:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-3-A
Misc. Info.: 460-0136960-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 17:07:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: delpolitov Date: 03-Nov-2021 14:23:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	240714	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	213049	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.954	0.007	0	246087	51.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	191665	48.3	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	642559	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	20420	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.582	7.576	0.006	0	862869	45.1	
* 93 Chlorobenzene-d5	117	8.978	8.972	0.006	0	491151	50.0	
$ 104 4-Bromofluorobenzene	174	9.954	9.947	0.007	0	282729	49.6	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	240486	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

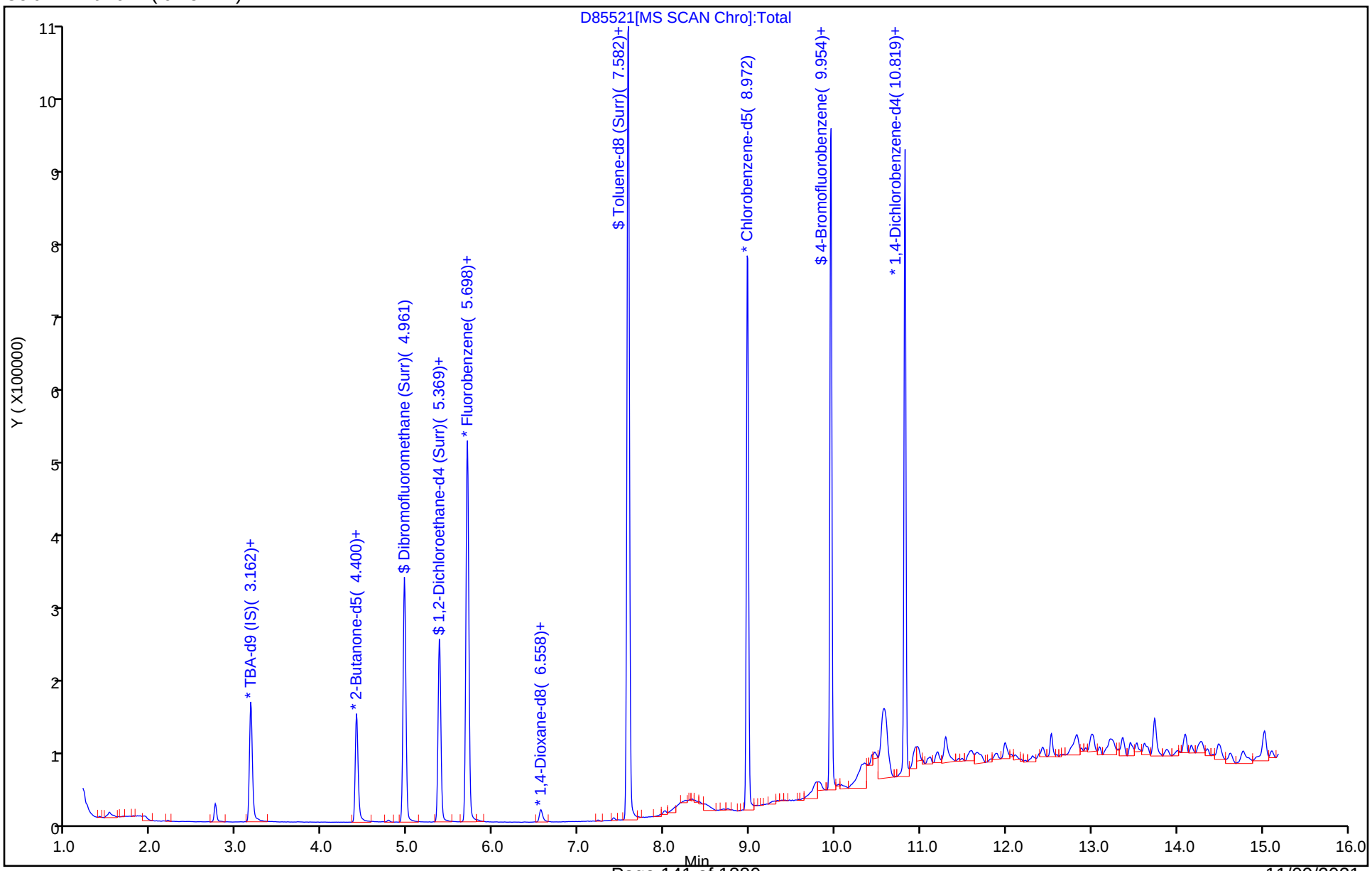
Report Date: 03-Nov-2021 14:23:07 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85521.D

Injection Date:	02-Nov-2021 16:18:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-3-A	Lab Sample ID:	460-246210-3	Worklist Smp#:	25
Client ID:	HA-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



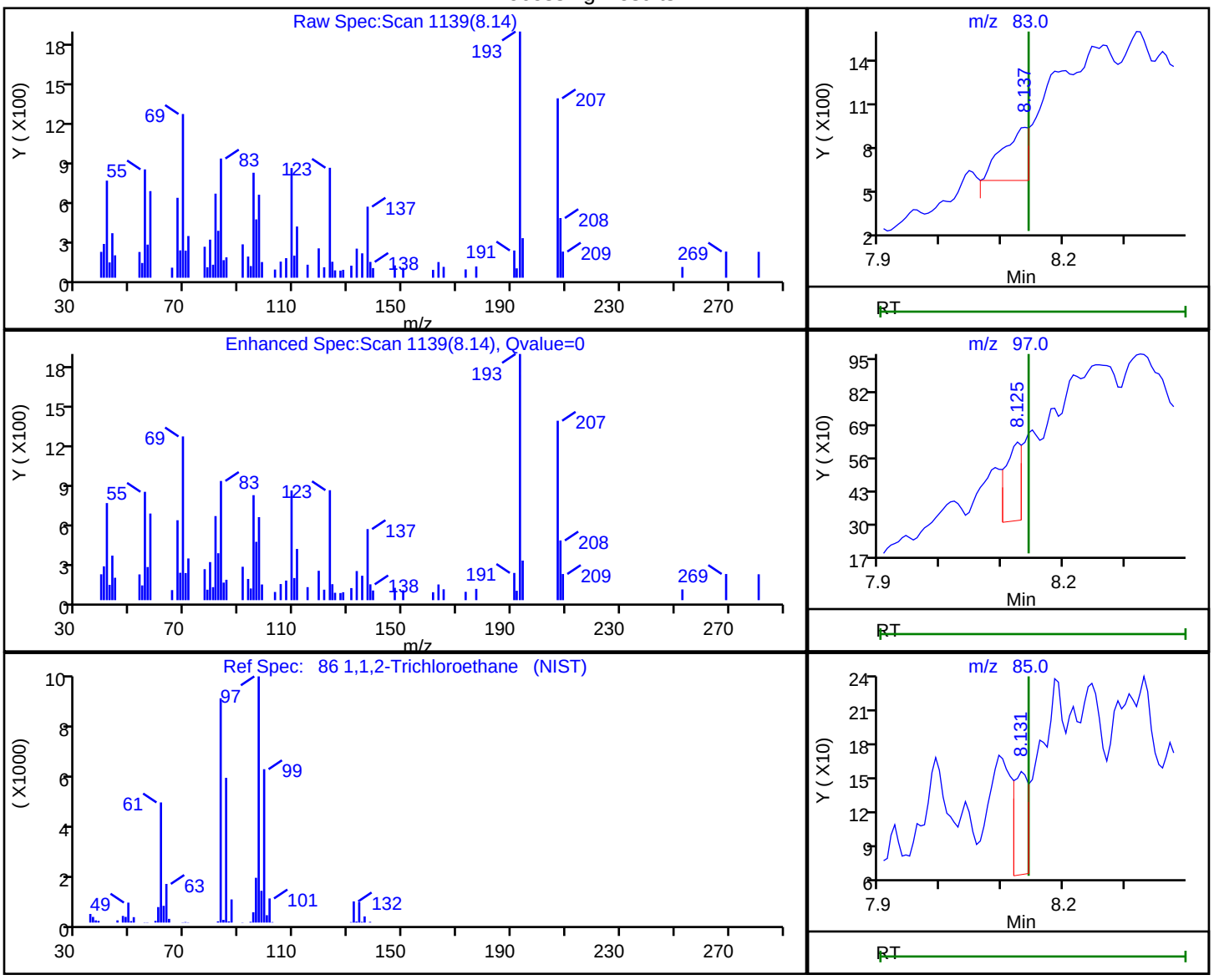
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85521.D		
Injection Date:	02-Nov-2021 16:18:30	Instrument ID:	CVOAMS4
Lims ID:	460-246210-C-3-A	Lab Sample ID:	460-246210-3
Client ID:	HA-1		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

86 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
8.14	83.00	1040	0.256534
8.12	97.00	579	
8.13	85.00	153	

Reviewer: parekhv, 02-Nov-2021 18:05:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: D85522.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:10

Sample wt/vol: 4.37(g) Date Analyzed: 11/02/2021 16:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.2 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00062	U	0.0014	0.00062
74-83-9	Bromomethane	0.0014	U	0.0029	0.0014
75-01-4	Vinyl chloride	0.00078	U	0.0014	0.00078
75-00-3	Chloroethane	0.00075	U	0.0014	0.00075
75-09-2	Methylene Chloride	0.0016	U	0.0029	0.0016
67-64-1	Acetone	0.25		0.0086	0.0082
75-15-0	Carbon disulfide	0.00038	U	0.0014	0.00038
75-69-4	Trichlorofluoromethane	0.00058	U	0.0014	0.00058
75-35-4	1,1-Dichloroethene	0.00032	U	0.0014	0.00032
75-34-3	1,1-Dichloroethane	0.00030	U	0.0014	0.00030
156-60-5	trans-1,2-Dichloroethene	0.00035	U	0.0014	0.00035
156-59-2	cis-1,2-Dichloroethene	0.00051	U	0.0014	0.00051
67-66-3	Chloroform	0.0014	U	0.0014	0.0014
107-06-2	1,2-Dichloroethane	0.00042	U	0.0014	0.00042
78-93-3	2-Butanone (MEK)	0.00053	U *-	0.0072	0.00053
71-55-6	1,1,1-Trichloroethane	0.00033	U	0.0014	0.00033
56-23-5	Carbon tetrachloride	0.00055	U	0.0014	0.00055
75-27-4	Dichlorobromomethane	0.00037	U	0.0014	0.00037
78-87-5	1,2-Dichloropropane	0.00061	U	0.0014	0.00061
10061-01-5	cis-1,3-Dichloropropene	0.00039	U	0.0014	0.00039
79-01-6	Trichloroethene	0.00046	U	0.0014	0.00046
124-48-1	Chlorodibromomethane	0.00028	U	0.0014	0.00028
79-00-5	1,1,2-Trichloroethane	0.00026	U	0.0014	0.00026
71-43-2	Benzene	0.00037	U	0.0014	0.00037
10061-02-6	trans-1,3-Dichloropropene	0.00038	U	0.0014	0.00038
75-25-2	Bromoform	0.00061	U	0.0014	0.00061
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0022	U *-	0.0072	0.0022
591-78-6	2-Hexanone	0.0025	U	0.0072	0.0025
127-18-4	Tetrachloroethene	0.00044	U	0.0014	0.00044
79-34-5	1,1,2,2-Tetrachloroethane	0.00031	U	0.0014	0.00031
108-88-3	Toluene	0.00034	U	0.0014	0.00034
108-90-7	Chlorobenzene	0.00025	U *-	0.0014	0.00025
100-41-4	Ethylbenzene	0.00029	U	0.0014	0.00029
100-42-5	Styrene	0.00040	U	0.0014	0.00040
1330-20-7	Xylenes, Total	0.00092	U	0.0029	0.00092

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: D85522.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:10

Sample wt/vol: 4.37(g) Date Analyzed: 11/02/2021 16:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.2 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00043	U	0.0014	0.00043
1634-04-4	Methyl tert-butyl ether	0.00073	U	0.0014	0.00073
110-82-7	Cyclohexane	0.00032	U	0.0014	0.00032
106-93-4	Ethylene Dibromide	0.00026	U	0.0014	0.00026
541-73-1	1,3-Dichlorobenzene	0.00052	U	0.0014	0.00052
106-46-7	1,4-Dichlorobenzene	0.00032	U	0.0014	0.00032
95-50-1	1,2-Dichlorobenzene	0.00052	U	0.0014	0.00052
75-71-8	Dichlorodifluoromethane	0.00048	U	0.0014	0.00048
120-82-1	1,2,4-Trichlorobenzene	0.00051	U	0.0014	0.00051
123-91-1	1,4-Dioxane	0.013	U	0.029	0.013
87-61-6	1,2,3-Trichlorobenzene	0.00026	U	0.0014	0.00026
96-12-8	1,2-Dibromo-3-Chloropropane	0.00066	U	0.0014	0.00066
74-97-5	Chlorobromomethane	0.00040	U	0.0014	0.00040
98-82-8	Isopropylbenzene	0.00041	U	0.0014	0.00041
79-20-9	Methyl acetate	0.0062	U	0.0072	0.0062
108-87-2	Methylcyclohexane	0.00072	U	0.0014	0.00072

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
2037-26-5	Toluene-d8 (Surr)	88		80-120
460-00-4	4-Bromofluorobenzene	96		70-139
1868-53-7	Dibromofluoromethane (Surr)	100		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: D85522.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:10

Sample wt/vol: 4.37(g) Date Analyzed: 11/02/2021 16:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.2 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85522.D
Lims ID: 460-246210-C-4-A
Client ID: HA-2
Sample Type: Client
Inject. Date: 02-Nov-2021 16:40:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-4-A
Misc. Info.: 460-0136960-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 17:07:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: parekhv Date: 02-Nov-2021 18:05:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.747	2.748	-0.001	0	197391	173.0	
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	245871	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	220406	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.960	4.954	0.006	0	247172	50.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	193633	46.9	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	668971	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	20269	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.582	7.576	0.006	0	880932	43.9	
* 93 Chlorobenzene-d5	117	8.978	8.972	0.006	0	515777	50.0	
$ 104 4-Bromofluorobenzene	174	9.953	9.947	0.006	0	287225	48.1	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	251830	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

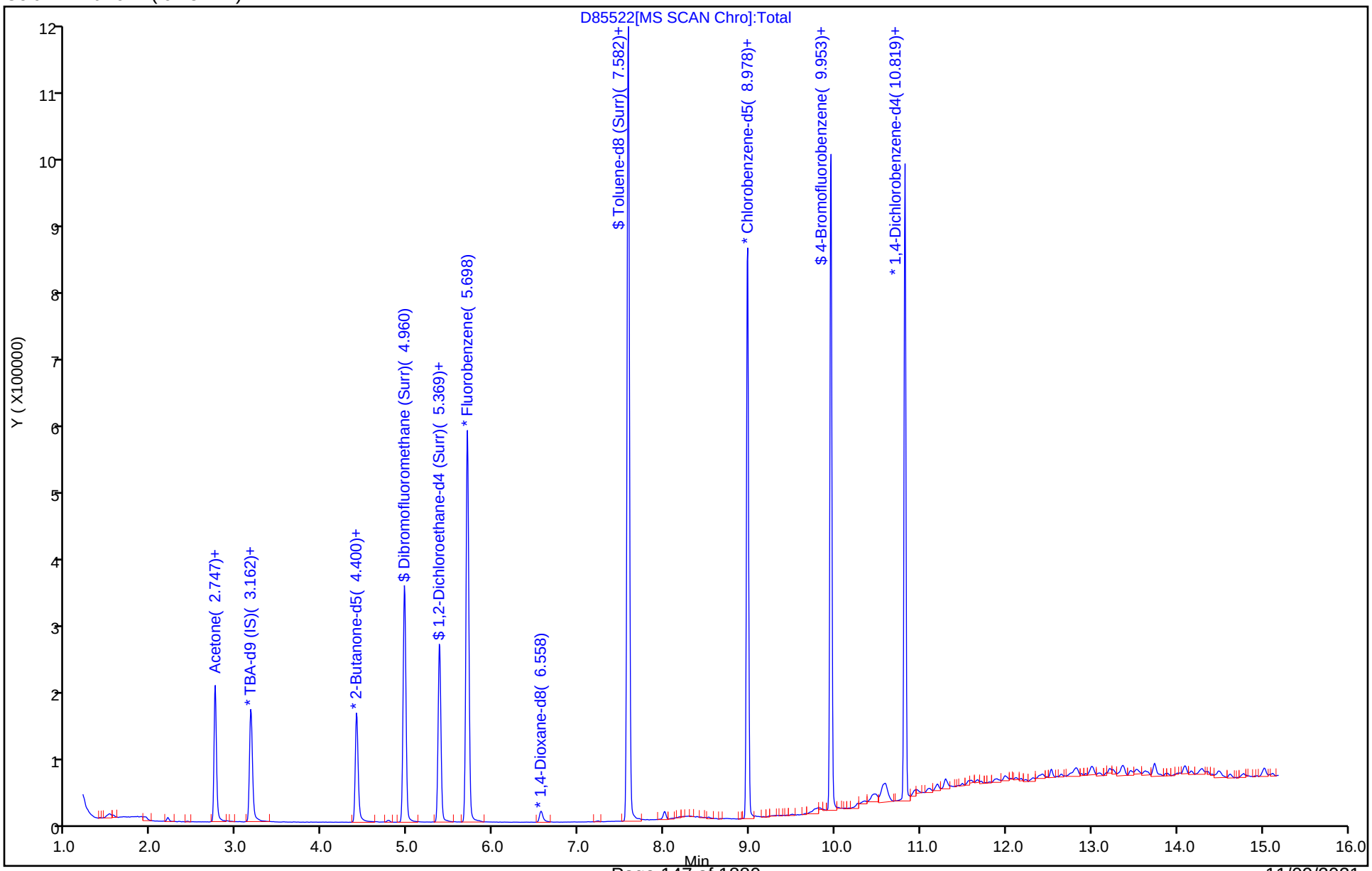
Report Date: 03-Nov-2021 14:23:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85522.D

Injection Date:	02-Nov-2021 16:40:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-4-A	Lab Sample ID:	460-246210-4	Worklist Smp#:	26
Client ID:	HA-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

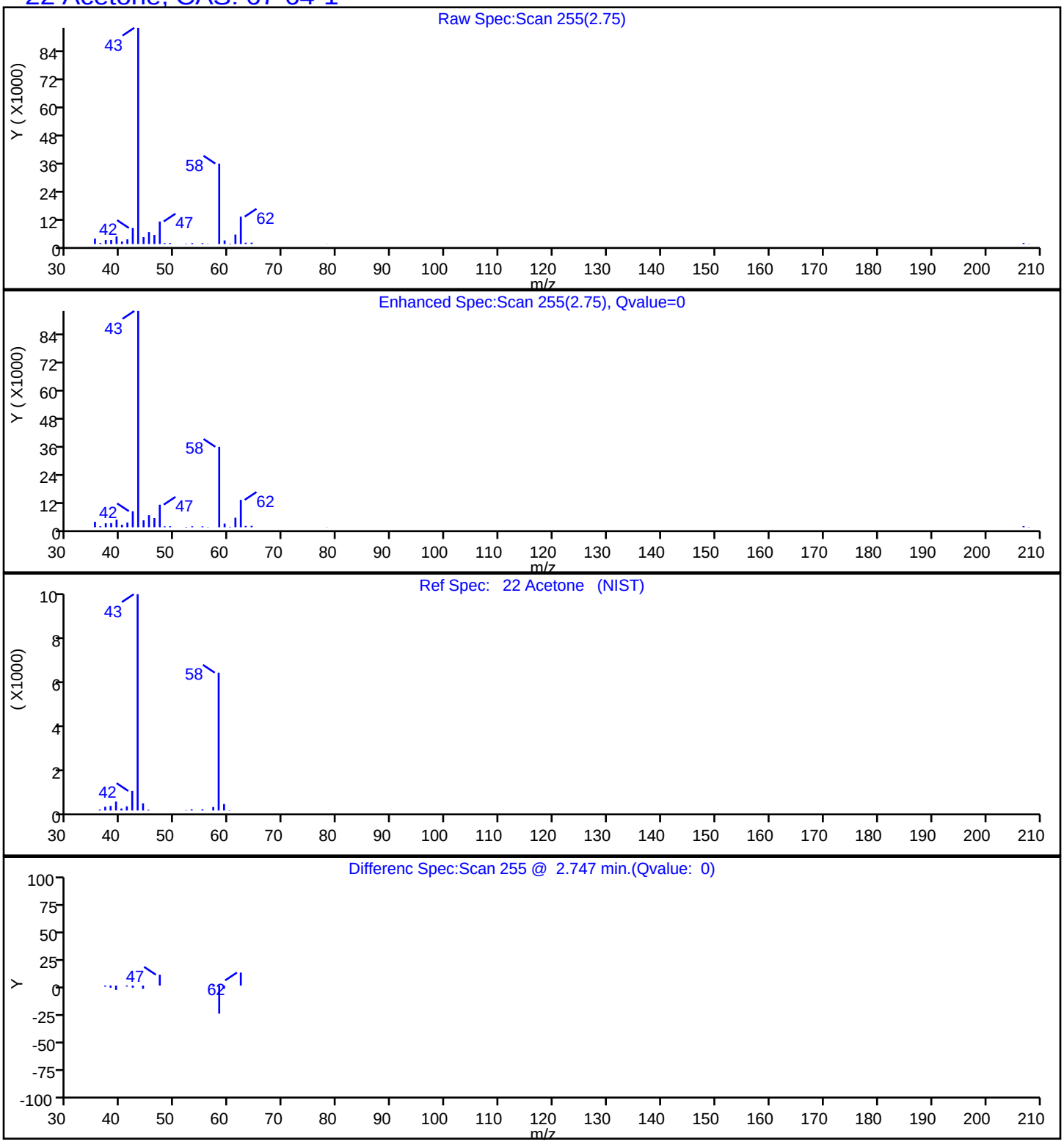
Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85522.D				
Injection Date:	02-Nov-2021 16:40:30	Instrument ID:	CVOAMS4		
Lims ID:	460-246210-C-4-A	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

22 Acetone, CAS: 67-64-1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: D85523.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:50

Sample wt/vol: 4.89(g) Date Analyzed: 11/02/2021 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.9 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00058	U	0.0013	0.00058
74-83-9	Bromomethane	0.0013	U	0.0027	0.0013
75-01-4	Vinyl chloride	0.00072	U	0.0013	0.00072
75-00-3	Chloroethane	0.00069	U	0.0013	0.00069
75-09-2	Methylene Chloride	0.0015	U	0.0027	0.0015
67-64-1	Acetone	0.0076	U	0.0080	0.0076
75-15-0	Carbon disulfide	0.00035	U	0.0013	0.00035
75-69-4	Trichlorofluoromethane	0.00054	U	0.0013	0.00054
75-35-4	1,1-Dichloroethene	0.00030	U	0.0013	0.00030
75-34-3	1,1-Dichloroethane	0.00027	U	0.0013	0.00027
156-60-5	trans-1,2-Dichloroethene	0.00033	U	0.0013	0.00033
156-59-2	cis-1,2-Dichloroethene	0.00047	U	0.0013	0.00047
67-66-3	Chloroform	0.0013	U	0.0013	0.0013
107-06-2	1,2-Dichloroethane	0.00039	U	0.0013	0.00039
78-93-3	2-Butanone (MEK)	0.00049	U *-	0.0066	0.00049
71-55-6	1,1,1-Trichloroethane	0.00031	U	0.0013	0.00031
56-23-5	Carbon tetrachloride	0.00051	U	0.0013	0.00051
75-27-4	Dichlorobromomethane	0.00034	U	0.0013	0.00034
78-87-5	1,2-Dichloropropane	0.00056	U	0.0013	0.00056
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.0013	0.00036
79-01-6	Trichloroethene	0.00043	U	0.0013	0.00043
124-48-1	Chlorodibromomethane	0.00026	U	0.0013	0.00026
79-00-5	1,1,2-Trichloroethane	0.00024	U	0.0013	0.00024
71-43-2	Benzene	0.00034	U	0.0013	0.00034
10061-02-6	trans-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
75-25-2	Bromoform	0.00056	U	0.0013	0.00056
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U *-	0.0066	0.0021
591-78-6	2-Hexanone	0.0023	U	0.0066	0.0023
127-18-4	Tetrachloroethene	0.00040	U	0.0013	0.00040
79-34-5	1,1,2,2-Tetrachloroethane	0.00028	U	0.0013	0.00028
108-88-3	Toluene	0.00031	U	0.0013	0.00031
108-90-7	Chlorobenzene	0.00023	U *-	0.0013	0.00023
100-41-4	Ethylbenzene	0.00026	U	0.0013	0.00026
100-42-5	Styrene	0.00037	U	0.0013	0.00037
1330-20-7	Xylenes, Total	0.00085	U	0.0027	0.00085

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: D85523.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:50

Sample wt/vol: 4.89(g) Date Analyzed: 11/02/2021 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.9 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00040	U	0.0013	0.00040
1634-04-4	Methyl tert-butyl ether	0.00068	U	0.0013	0.00068
110-82-7	Cyclohexane	0.00029	U	0.0013	0.00029
106-93-4	Ethylene Dibromide	0.00024	U	0.0013	0.00024
541-73-1	1,3-Dichlorobenzene	0.00048	U	0.0013	0.00048
106-46-7	1,4-Dichlorobenzene	0.00030	U	0.0013	0.00030
95-50-1	1,2-Dichlorobenzene	0.00048	U	0.0013	0.00048
75-71-8	Dichlorodifluoromethane	0.00045	U	0.0013	0.00045
120-82-1	1,2,4-Trichlorobenzene	0.00047	U	0.0013	0.00047
123-91-1	1,4-Dioxane	0.012	U	0.027	0.012
87-61-6	1,2,3-Trichlorobenzene	0.00024	U	0.0013	0.00024
96-12-8	1,2-Dibromo-3-Chloropropane	0.00061	U	0.0013	0.00061
74-97-5	Chlorobromomethane	0.00037	U	0.0013	0.00037
98-82-8	Isopropylbenzene	0.00038	U	0.0013	0.00038
79-20-9	Methyl acetate	0.0057	U	0.0066	0.0057
108-87-2	Methylcyclohexane	0.00066	U	0.0013	0.00066

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-145
2037-26-5	Toluene-d8 (Surr)	87		80-120
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	99		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: D85523.D

Analysis Method: 8260D Date Collected: 10/28/2021 08:50

Sample wt/vol: 4.89(g) Date Analyzed: 11/02/2021 17:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 22.9 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85523.D
Lims ID: 460-246210-C-5-A
Client ID: HA-3
Sample Type: Client
Inject. Date: 02-Nov-2021 17:02:30 ALS Bottle#: 26 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-5-A
Misc. Info.: 460-0136960-027
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 18:05:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: parekhv Date: 02-Nov-2021 18:05:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	293237	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	241693	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.960	4.954	0.006	0	252328	49.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	201801	47.5	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	687801	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	25059	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.582	7.576	0.006	0	896736	43.6	
* 93 Chlorobenzene-d5	117	8.978	8.972	0.006	0	528239	50.0	
$ 104 4-Bromofluorobenzene	174	9.953	9.947	0.006	0	285393	47.6	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	252886	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

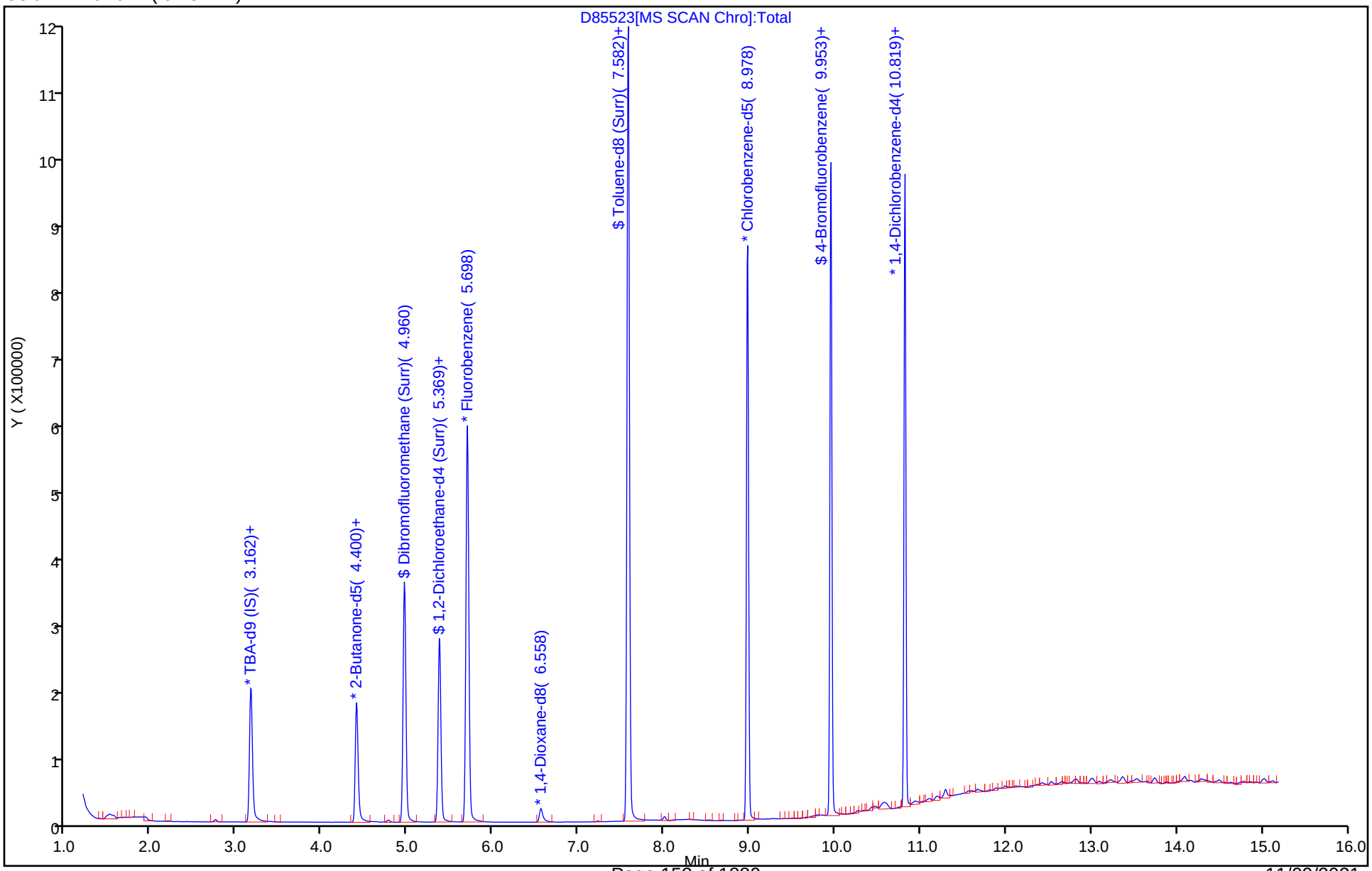
Report Date: 02-Nov-2021 18:05:28 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85523.D

Injection Date:	02-Nov-2021 17:02:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-5-A	Lab Sample ID:	460-246210-5	Worklist Smp#:	27
Client ID:	HA-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	26
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: D85524.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:05

Sample wt/vol: 6.06(g) Date Analyzed: 11/02/2021 17:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.7 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00045	U	0.0010	0.00045
74-83-9	Bromomethane	0.0010	U	0.0021	0.0010
75-01-4	Vinyl chloride	0.00057	U	0.0010	0.00057
75-00-3	Chloroethane	0.00054	U	0.0010	0.00054
75-09-2	Methylene Chloride	0.0012	U	0.0021	0.0012
67-64-1	Acetone	0.0060	U	0.0062	0.0060
75-15-0	Carbon disulfide	0.00028	U	0.0010	0.00028
75-69-4	Trichlorofluoromethane	0.00042	U	0.0010	0.00042
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00026	U	0.0010	0.00026
156-59-2	cis-1,2-Dichloroethene	0.00037	U	0.0010	0.00037
67-66-3	Chloroform	0.0010	U	0.0010	0.0010
107-06-2	1,2-Dichloroethane	0.00031	U	0.0010	0.00031
78-93-3	2-Butanone (MEK)	0.00038	U *-	0.0052	0.00038
71-55-6	1,1,1-Trichloroethane	0.00024	U	0.0010	0.00024
56-23-5	Carbon tetrachloride	0.00040	U	0.0010	0.00040
75-27-4	Dichlorobromomethane	0.00027	U	0.0010	0.00027
78-87-5	1,2-Dichloropropane	0.00044	U	0.0010	0.00044
10061-01-5	cis-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
79-01-6	Trichloroethene	0.00033	U	0.0010	0.00033
124-48-1	Chlorodibromomethane	0.00020	U	0.0010	0.00020
79-00-5	1,1,2-Trichloroethane	0.00019	U	0.0010	0.00019
71-43-2	Benzene	0.00027	U	0.0010	0.00027
10061-02-6	trans-1,3-Dichloropropene	0.00028	U	0.0010	0.00028
75-25-2	Bromoform	0.00044	U	0.0010	0.00044
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U *-	0.0052	0.0016
591-78-6	2-Hexanone	0.0018	U	0.0052	0.0018
127-18-4	Tetrachloroethene	0.00032	U	0.0010	0.00032
79-34-5	1,1,2,2-Tetrachloroethane	0.00022	U	0.0010	0.00022
108-88-3	Toluene	0.00024	U	0.0010	0.00024
108-90-7	Chlorobenzene	0.00018	U *-	0.0010	0.00018
100-41-4	Ethylbenzene	0.00021	U	0.0010	0.00021
100-42-5	Styrene	0.00029	U	0.0010	0.00029
1330-20-7	Xylenes, Total	0.00067	U	0.0021	0.00067

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: D85524.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:05

Sample wt/vol: 6.06(g) Date Analyzed: 11/02/2021 17:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.7 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00031	U	0.0010	0.00031
1634-04-4	Methyl tert-butyl ether	0.00053	U	0.0010	0.00053
110-82-7	Cyclohexane	0.00023	U	0.0010	0.00023
106-93-4	Ethylene Dibromide	0.00019	U	0.0010	0.00019
541-73-1	1,3-Dichlorobenzene	0.00038	U	0.0010	0.00038
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.00038	U	0.0010	0.00038
75-71-8	Dichlorodifluoromethane	0.00035	U	0.0010	0.00035
120-82-1	1,2,4-Trichlorobenzene	0.00037	U	0.0010	0.00037
123-91-1	1,4-Dioxane	0.0096	U	0.021	0.0096
87-61-6	1,2,3-Trichlorobenzene	0.00019	U	0.0010	0.00019
96-12-8	1,2-Dibromo-3-Chloropropane	0.00048	U	0.0010	0.00048
74-97-5	Chlorobromomethane	0.00029	U	0.0010	0.00029
98-82-8	Isopropylbenzene	0.00030	U	0.0010	0.00030
79-20-9	Methyl acetate	0.0045	U	0.0052	0.0045
108-87-2	Methylcyclohexane	0.00052	U	0.0010	0.00052

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		77-145
2037-26-5	Toluene-d8 (Surr)	87		80-120
460-00-4	4-Bromofluorobenzene	93		70-139
1868-53-7	Dibromofluoromethane (Surr)	97		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: D85524.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:05

Sample wt/vol: 6.06(g) Date Analyzed: 11/02/2021 17:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 20.7 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85524.D
Lims ID: 460-246210-C-6-A
Client ID: HA-4
Sample Type: Client
Inject. Date: 02-Nov-2021 17:24:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-6-A
Misc. Info.: 460-0136960-028
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 18:05:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: parekhv Date: 02-Nov-2021 18:05:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	292777	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	238985	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.954	0.007	0	246587	48.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	196936	46.5	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	686203	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	24502	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.582	7.576	0.006	0	883744	43.4	
* 93 Chlorobenzene-d5	117	8.978	8.972	0.006	0	523379	50.0	
$ 104 4-Bromofluorobenzene	174	9.954	9.947	0.007	0	282453	46.3	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	257399	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

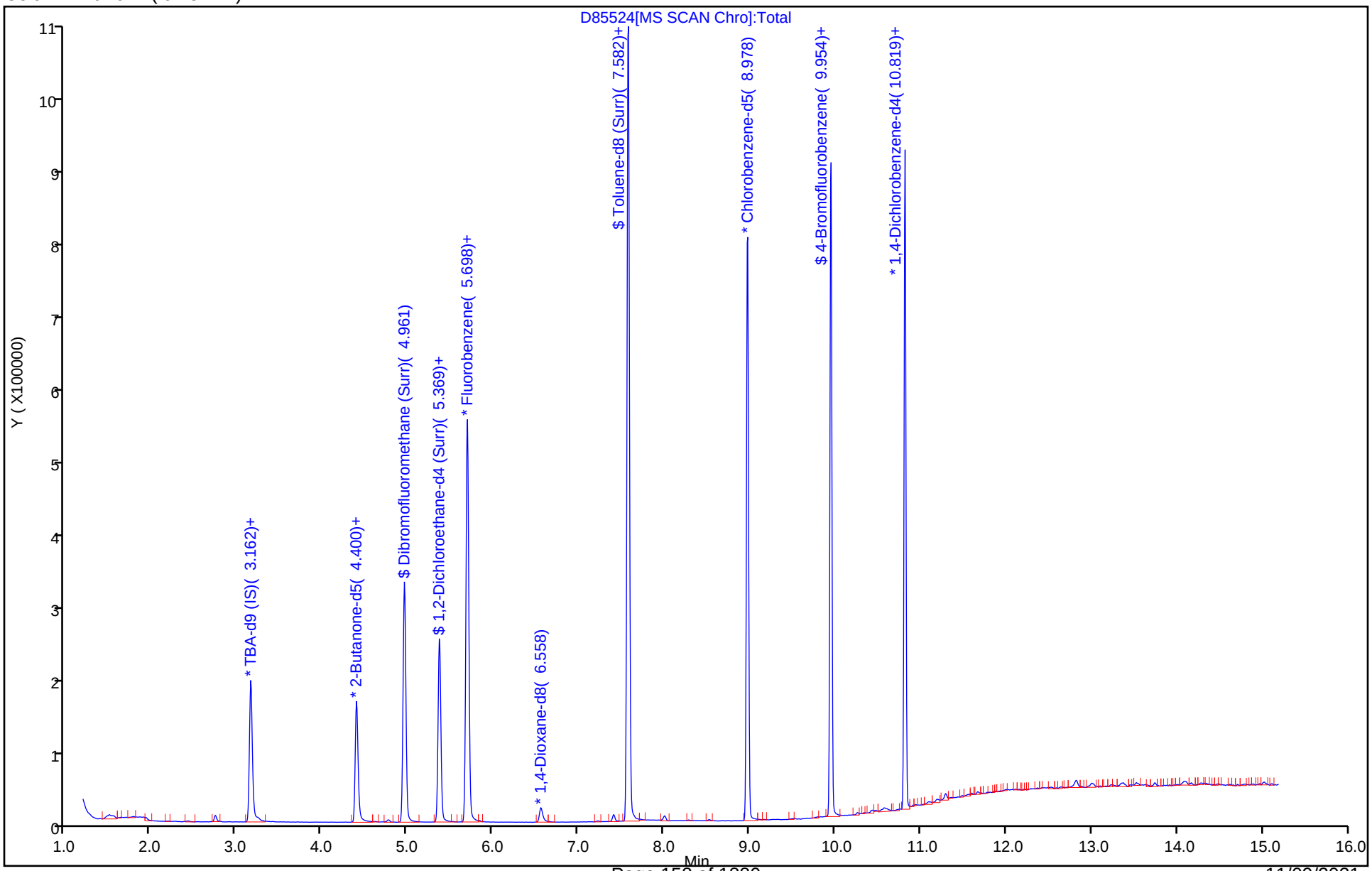
Report Date: 02-Nov-2021 18:05:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85524.D

Injection Date:	02-Nov-2021 17:24:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-6-A	Lab Sample ID:	460-246210-6	Worklist Smp#:	28
Client ID:	HA-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	27
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: D85525.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:20

Sample wt/vol: 5.30(g) Date Analyzed: 11/02/2021 17:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 25.8 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00055	U	0.0013	0.00055
74-83-9	Bromomethane	0.0013	U	0.0025	0.0013
75-01-4	Vinyl chloride	0.00069	U	0.0013	0.00069
75-00-3	Chloroethane	0.00066	U	0.0013	0.00066
75-09-2	Methylene Chloride	0.0015	U	0.0025	0.0015
67-64-1	Acetone	0.0073	U	0.0076	0.0073
75-15-0	Carbon disulfide	0.00034	U	0.0013	0.00034
75-69-4	Trichlorofluoromethane	0.00052	U	0.0013	0.00052
75-35-4	1,1-Dichloroethene	0.00029	U	0.0013	0.00029
75-34-3	1,1-Dichloroethane	0.00026	U	0.0013	0.00026
156-60-5	trans-1,2-Dichloroethene	0.00031	U	0.0013	0.00031
156-59-2	cis-1,2-Dichloroethene	0.00046	U	0.0013	0.00046
67-66-3	Chloroform	0.0012	U	0.0013	0.0012
107-06-2	1,2-Dichloroethane	0.00038	U	0.0013	0.00038
78-93-3	2-Butanone (MEK)	0.00047	U *-	0.0064	0.00047
71-55-6	1,1,1-Trichloroethane	0.00030	U	0.0013	0.00030
56-23-5	Carbon tetrachloride	0.00049	U	0.0013	0.00049
75-27-4	Dichlorobromomethane	0.00033	U	0.0013	0.00033
78-87-5	1,2-Dichloropropane	0.00054	U	0.0013	0.00054
10061-01-5	cis-1,3-Dichloropropene	0.00035	U	0.0013	0.00035
79-01-6	Trichloroethene	0.00041	U	0.0013	0.00041
124-48-1	Chlorodibromomethane	0.00025	U	0.0013	0.00025
79-00-5	1,1,2-Trichloroethane	0.00023	U	0.0013	0.00023
71-43-2	Benzene	0.00033	U	0.0013	0.00033
10061-02-6	trans-1,3-Dichloropropene	0.00034	U	0.0013	0.00034
75-25-2	Bromoform	0.00054	U	0.0013	0.00054
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0020	U *-	0.0064	0.0020
591-78-6	2-Hexanone	0.0022	U	0.0064	0.0022
127-18-4	Tetrachloroethene	0.00039	U	0.0013	0.00039
79-34-5	1,1,2,2-Tetrachloroethane	0.00027	U	0.0013	0.00027
108-88-3	Toluene	0.00030	U	0.0013	0.00030
108-90-7	Chlorobenzene	0.00023	U *-	0.0013	0.00023
100-41-4	Ethylbenzene	0.00025	U	0.0013	0.00025
100-42-5	Styrene	0.00035	U	0.0013	0.00035
1330-20-7	Xylenes, Total	0.00082	U	0.0025	0.00082

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: D85525.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:20

Sample wt/vol: 5.30(g) Date Analyzed: 11/02/2021 17:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 25.8 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.0013	0.00038
1634-04-4	Methyl tert-butyl ether	0.00065	U	0.0013	0.00065
110-82-7	Cyclohexane	0.00028	U	0.0013	0.00028
106-93-4	Ethylene Dibromide	0.00023	U	0.0013	0.00023
541-73-1	1,3-Dichlorobenzene	0.00046	U	0.0013	0.00046
106-46-7	1,4-Dichlorobenzene	0.00029	U	0.0013	0.00029
95-50-1	1,2-Dichlorobenzene	0.00046	U	0.0013	0.00046
75-71-8	Dichlorodifluoromethane	0.00043	U	0.0013	0.00043
120-82-1	1,2,4-Trichlorobenzene	0.00046	U	0.0013	0.00046
123-91-1	1,4-Dioxane	0.012	U	0.025	0.012
87-61-6	1,2,3-Trichlorobenzene	0.00023	U	0.0013	0.00023
96-12-8	1,2-Dibromo-3-Chloropropane	0.00058	U	0.0013	0.00058
74-97-5	Chlorobromomethane	0.00036	U	0.0013	0.00036
98-82-8	Isopropylbenzene	0.00036	U	0.0013	0.00036
79-20-9	Methyl acetate	0.0055	U	0.0064	0.0055
108-87-2	Methylcyclohexane	0.00063	U	0.0013	0.00063

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		77-145
2037-26-5	Toluene-d8 (Surr)	88		80-120
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	101		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: D85525.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:20

Sample wt/vol: 5.30(g) Date Analyzed: 11/02/2021 17:46

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 25.8 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85525.D
Lims ID: 460-246210-C-7-A
Client ID: HA-5
Sample Type: Client
Inject. Date: 02-Nov-2021 17:46:30 ALS Bottle#: 28 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-7-A
Misc. Info.: 460-0136960-029
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 18:05:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: parekhv Date: 02-Nov-2021 18:05:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	248388	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	213037	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.954	0.007	0	244452	50.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	191839	47.2	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	658151	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	21458	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	864809	44.1	
* 93 Chlorobenzene-d5	117	8.978	8.972	0.006	0	504007	50.0	
$ 104 4-Bromofluorobenzene	174	9.954	9.947	0.007	0	276893	48.7	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	240031	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

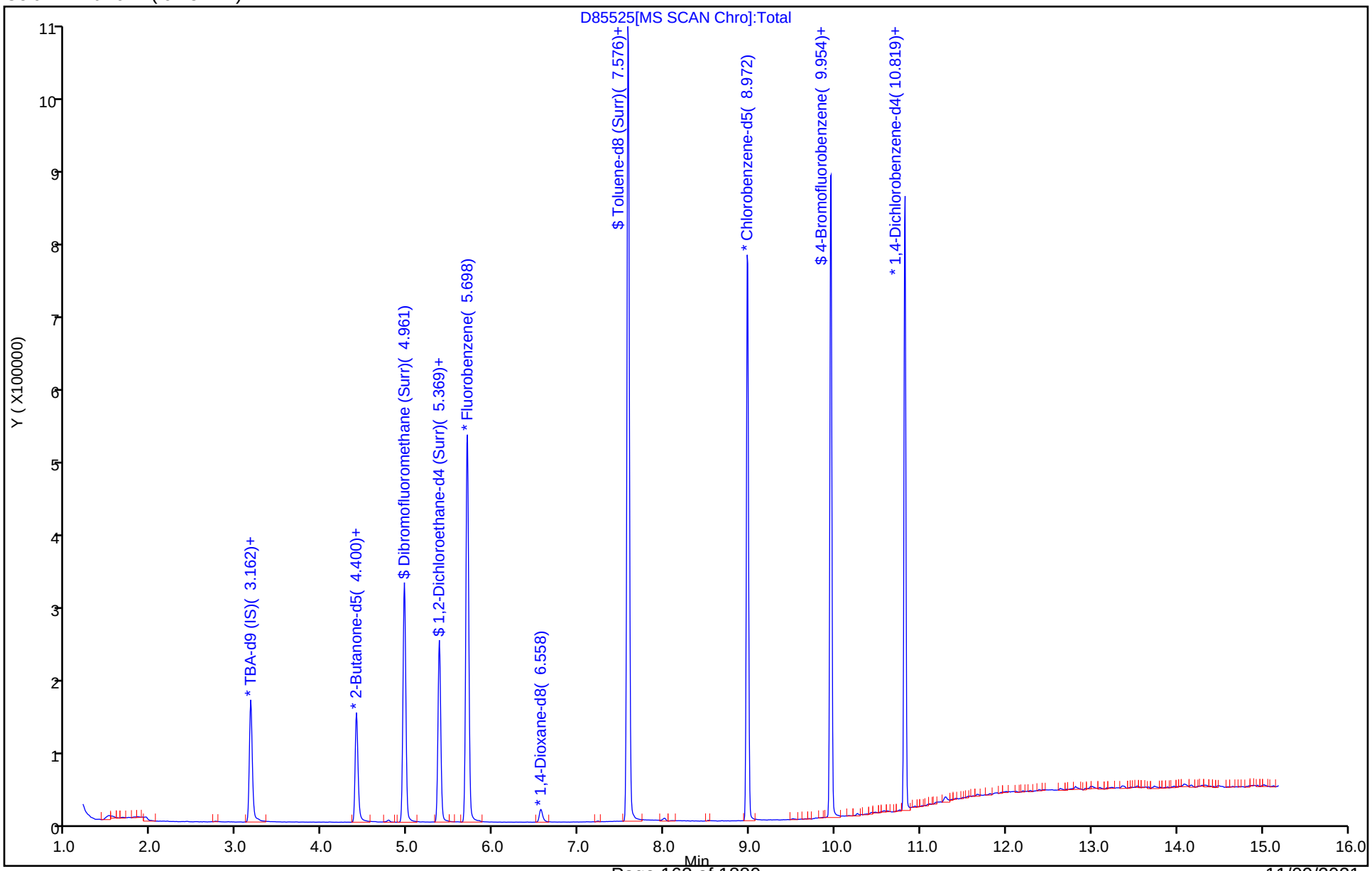
Report Date: 02-Nov-2021 18:05:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85525.D

Injection Date:	02-Nov-2021 17:46:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-7-A	Lab Sample ID:	460-246210-7	Worklist Smp#:	29
Client ID:	HA-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: D85526.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:40

Sample wt/vol: 5.32(g) Date Analyzed: 11/02/2021 18:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00050	U	0.0012	0.00050
74-83-9	Bromomethane	0.0012	U	0.0023	0.0012
75-01-4	Vinyl chloride	0.00063	U	0.0012	0.00063
75-00-3	Chloroethane	0.00060	U	0.0012	0.00060
75-09-2	Methylene Chloride	0.0013	U	0.0023	0.0013
67-64-1	Acetone	0.0066	U	0.0069	0.0066
75-15-0	Carbon disulfide	0.00031	U	0.0012	0.00031
75-69-4	Trichlorofluoromethane	0.00047	U	0.0012	0.00047
75-35-4	1,1-Dichloroethene	0.00026	U	0.0012	0.00026
75-34-3	1,1-Dichloroethane	0.00024	U	0.0012	0.00024
156-60-5	trans-1,2-Dichloroethene	0.00028	U	0.0012	0.00028
156-59-2	cis-1,2-Dichloroethene	0.00041	U	0.0012	0.00041
67-66-3	Chloroform	0.0011	U	0.0012	0.0011
107-06-2	1,2-Dichloroethane	0.00034	U	0.0012	0.00034
78-93-3	2-Butanone (MEK)	0.00042	U *-	0.0058	0.00042
71-55-6	1,1,1-Trichloroethane	0.00027	U	0.0012	0.00027
56-23-5	Carbon tetrachloride	0.00045	U	0.0012	0.00045
75-27-4	Dichlorobromomethane	0.00030	U	0.0012	0.00030
78-87-5	1,2-Dichloropropane	0.00049	U	0.0012	0.00049
10061-01-5	cis-1,3-Dichloropropene	0.00031	U	0.0012	0.00031
79-01-6	Trichloroethene	0.00037	U	0.0012	0.00037
124-48-1	Chlorodibromomethane	0.00022	U	0.0012	0.00022
79-00-5	1,1,2-Trichloroethane	0.00021	U	0.0012	0.00021
71-43-2	Benzene	0.00030	U	0.0012	0.00030
10061-02-6	trans-1,3-Dichloropropene	0.00031	U	0.0012	0.00031
75-25-2	Bromoform	0.00049	U	0.0012	0.00049
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U *-	0.0058	0.0018
591-78-6	2-Hexanone	0.0020	U	0.0058	0.0020
127-18-4	Tetrachloroethene	0.00035	U	0.0012	0.00035
79-34-5	1,1,2,2-Tetrachloroethane	0.00025	U	0.0012	0.00025
108-88-3	Toluene	0.00027	U	0.0012	0.00027
108-90-7	Chlorobenzene	0.00020	U *-	0.0012	0.00020
100-41-4	Ethylbenzene	0.00023	U	0.0012	0.00023
100-42-5	Styrene	0.00032	U	0.0012	0.00032
1330-20-7	Xylenes, Total	0.00074	U	0.0023	0.00074

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: D85526.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:40

Sample wt/vol: 5.32(g) Date Analyzed: 11/02/2021 18:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00035	U	0.0012	0.00035
1634-04-4	Methyl tert-butyl ether	0.00059	U	0.0012	0.00059
110-82-7	Cyclohexane	0.00025	U	0.0012	0.00025
106-93-4	Ethylene Dibromide	0.00021	U	0.0012	0.00021
541-73-1	1,3-Dichlorobenzene	0.00042	U	0.0012	0.00042
106-46-7	1,4-Dichlorobenzene	0.00026	U	0.0012	0.00026
95-50-1	1,2-Dichlorobenzene	0.00042	U	0.0012	0.00042
75-71-8	Dichlorodifluoromethane	0.00039	U	0.0012	0.00039
120-82-1	1,2,4-Trichlorobenzene	0.00041	U	0.0012	0.00041
123-91-1	1,4-Dioxane	0.011	U	0.023	0.011
87-61-6	1,2,3-Trichlorobenzene	0.00021	U	0.0012	0.00021
96-12-8	1,2-Dibromo-3-Chloropropane	0.00053	U	0.0012	0.00053
74-97-5	Chlorobromomethane	0.00032	U	0.0012	0.00032
98-82-8	Isopropylbenzene	0.00033	U	0.0012	0.00033
79-20-9	Methyl acetate	0.0050	U	0.0058	0.0050
108-87-2	Methylcyclohexane	0.00058	U	0.0012	0.00058

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-145
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	98		70-139
1868-53-7	Dibromofluoromethane (Surr)	105		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: D85526.D

Analysis Method: 8260D Date Collected: 10/28/2021 09:40

Sample wt/vol: 5.32(g) Date Analyzed: 11/02/2021 18:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.5 Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85526.D
Lims ID: 460-246210-C-8-A
Client ID: HA-6
Sample Type: Client
Inject. Date: 02-Nov-2021 18:08:30 ALS Bottle#: 29 Worklist Smp#: 30
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-8-A
Misc. Info.: 460-0136960-030
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 17:07:12 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1630

First Level Reviewer: parekhv Date: 02-Nov-2021 18:32:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	252339	1000.0	
* 42 2-Butanone-d5	46	4.400	4.394	0.006	0	211745	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.954	0.007	0	248704	52.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	196802	49.7	
* 65 Fluorobenzene	96	5.698	5.692	0.006	0	641374	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.552	0.006	0	21914	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.582	7.576	0.006	0	888119	45.5	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	501094	50.0	
$ 104 4-Bromofluorobenzene	174	9.953	9.947	0.006	0	281138	49.2	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	241082	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

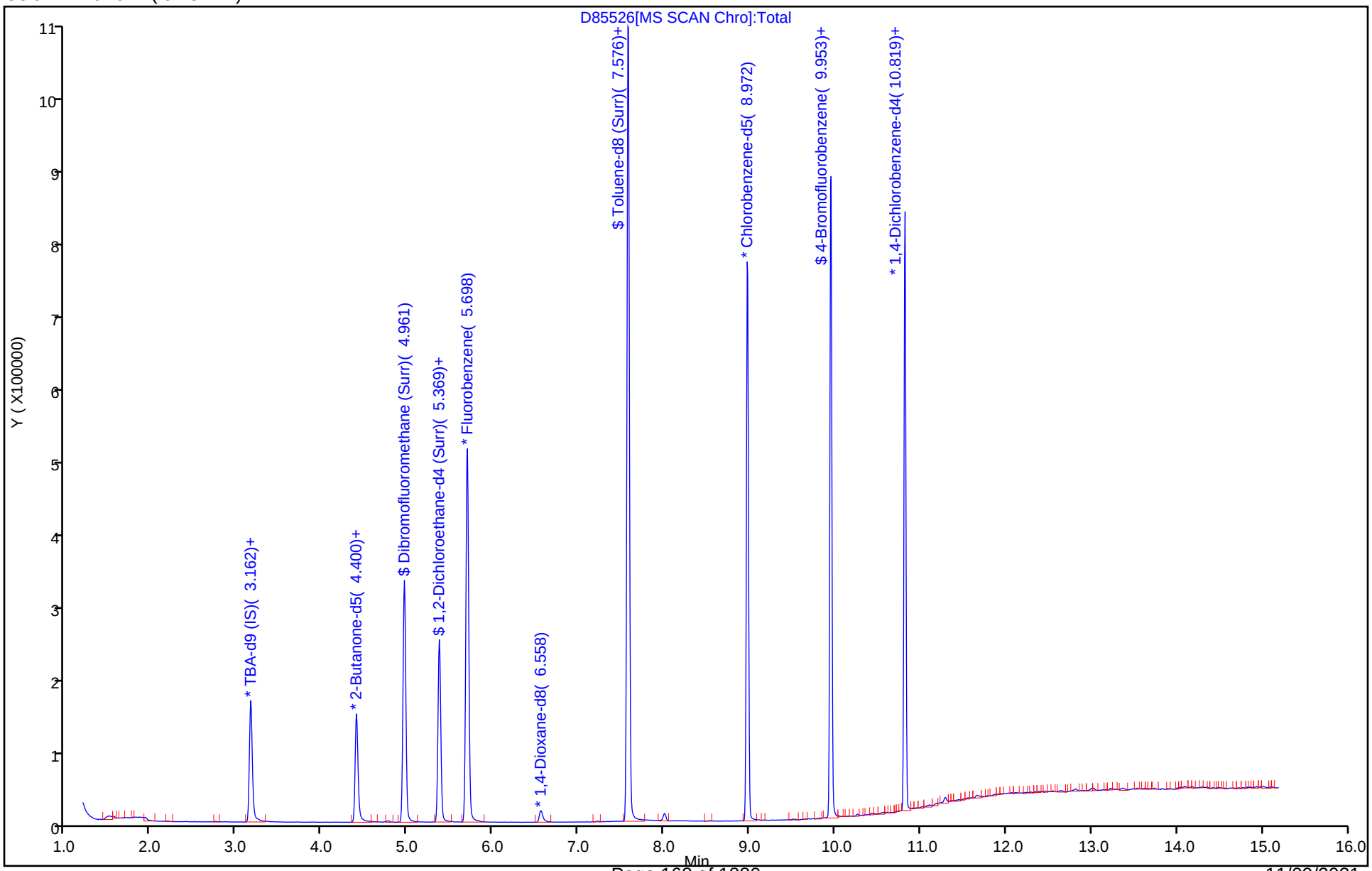
Report Date: 02-Nov-2021 20:31:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85526.D

Injection Date:	02-Nov-2021 18:08:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-8-A	Lab Sample ID:	460-246210-8	Worklist Smp#:	30
Client ID:	HA-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	29
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: D85539.D

Analysis Method: 8260D Date Collected: 10/28/2021 10:15

Sample wt/vol: 5.29(g) Date Analyzed: 11/02/2021 22:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00048	U	0.0011	0.00048
74-83-9	Bromomethane	0.0011	U	0.0022	0.0011
75-01-4	Vinyl chloride	0.00060	U	0.0011	0.00060
75-00-3	Chloroethane	0.00058	U	0.0011	0.00058
75-09-2	Methylene Chloride	0.0013	U	0.0022	0.0013
67-64-1	Acetone	0.0063	U	0.0066	0.0063
75-15-0	Carbon disulfide	0.00029	U	0.0011	0.00029
75-69-4	Trichlorofluoromethane	0.00045	U	0.0011	0.00045
75-35-4	1,1-Dichloroethene	0.00025	U	0.0011	0.00025
75-34-3	1,1-Dichloroethane	0.00023	U	0.0011	0.00023
156-60-5	trans-1,2-Dichloroethene	0.00027	U	0.0011	0.00027
156-59-2	cis-1,2-Dichloroethene	0.00040	U	0.0011	0.00040
67-66-3	Chloroform	0.0011	U	0.0011	0.0011
107-06-2	1,2-Dichloroethane	0.00033	U	0.0011	0.00033
78-93-3	2-Butanone (MEK)	0.00041	U	0.0055	0.00041
71-55-6	1,1,1-Trichloroethane	0.00026	U	0.0011	0.00026
56-23-5	Carbon tetrachloride	0.00043	U	0.0011	0.00043
75-27-4	Dichlorobromomethane	0.00028	U	0.0011	0.00028
78-87-5	1,2-Dichloropropane	0.00047	U	0.0011	0.00047
10061-01-5	cis-1,3-Dichloropropene	0.00030	U	0.0011	0.00030
79-01-6	Trichloroethene	0.00036	U	0.0011	0.00036
124-48-1	Chlorodibromomethane	0.00021	U	0.0011	0.00021
79-00-5	1,1,2-Trichloroethane	0.00020	U	0.0011	0.00020
71-43-2	Benzene	0.00029	U	0.0011	0.00029
10061-02-6	trans-1,3-Dichloropropene	0.00029	U	0.0011	0.00029
75-25-2	Bromoform	0.00047	U	0.0011	0.00047
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0017	U	0.0055	0.0017
591-78-6	2-Hexanone	0.0019	U	0.0055	0.0019
127-18-4	Tetrachloroethene	0.00034	U	0.0011	0.00034
79-34-5	1,1,2,2-Tetrachloroethane	0.00024	U	0.0011	0.00024
108-88-3	Toluene	0.00026	U	0.0011	0.00026
108-90-7	Chlorobenzene	0.00020	U	0.0011	0.00020
100-41-4	Ethylbenzene	0.00022	U	0.0011	0.00022
100-42-5	Styrene	0.00031	U	0.0011	0.00031
1330-20-7	Xylenes, Total	0.00071	U	0.0022	0.00071

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: D85539.D

Analysis Method: 8260D Date Collected: 10/28/2021 10:15

Sample wt/vol: 5.29(g) Date Analyzed: 11/02/2021 22:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00033	U	0.0011	0.00033
1634-04-4	Methyl tert-butyl ether	0.00057	U	0.0011	0.00057
110-82-7	Cyclohexane	0.00024	U	0.0011	0.00024
106-93-4	Ethylene Dibromide	0.00020	U	0.0011	0.00020
541-73-1	1,3-Dichlorobenzene	0.00040	U	0.0011	0.00040
106-46-7	1,4-Dichlorobenzene	0.00025	U	0.0011	0.00025
95-50-1	1,2-Dichlorobenzene	0.00040	U	0.0011	0.00040
75-71-8	Dichlorodifluoromethane	0.00037	U	0.0011	0.00037
120-82-1	1,2,4-Trichlorobenzene	0.00040	U	0.0011	0.00040
123-91-1	1,4-Dioxane	0.010	U	0.022	0.010
87-61-6	1,2,3-Trichlorobenzene	0.00020	U	0.0011	0.00020
96-12-8	1,2-Dibromo-3-Chloropropane	0.00051	U	0.0011	0.00051
74-97-5	Chlorobromomethane	0.00031	U	0.0011	0.00031
98-82-8	Isopropylbenzene	0.00032	U	0.0011	0.00032
79-20-9	Methyl acetate	0.0048	U	0.0055	0.0048
108-87-2	Methylcyclohexane	0.00055	U	0.0011	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		77-145
2037-26-5	Toluene-d8 (Surr)	88		80-120
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: D85539.D

Analysis Method: 8260D Date Collected: 10/28/2021 10:15

Sample wt/vol: 5.29(g) Date Analyzed: 11/02/2021 22:48

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.6 Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85539.D
Lims ID: 460-246210-C-9-A
Client ID: HA-7
Sample Type: Client
Inject. Date: 02-Nov-2021 22:48:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-246210-C-9-A
Misc. Info.: 460-0137006-011
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 11:51:19 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1601

First Level Reviewer: martineze Date: 03-Nov-2021 11:47:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	229408	1000.0	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	198515	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.001	0	236266	51.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	184262	47.6	
* 65 Fluorobenzene	96	5.692	5.698	-0.006	0	627139	50.0	
* 71 1,4-Dioxane-d8	96	6.552	6.558	-0.006	0	18290	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	828948	44.0	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	483941	50.0	
$ 104 4-Bromofluorobenzene	174	9.947	9.953	-0.006	0	270044	48.5	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	235100	50.0	

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

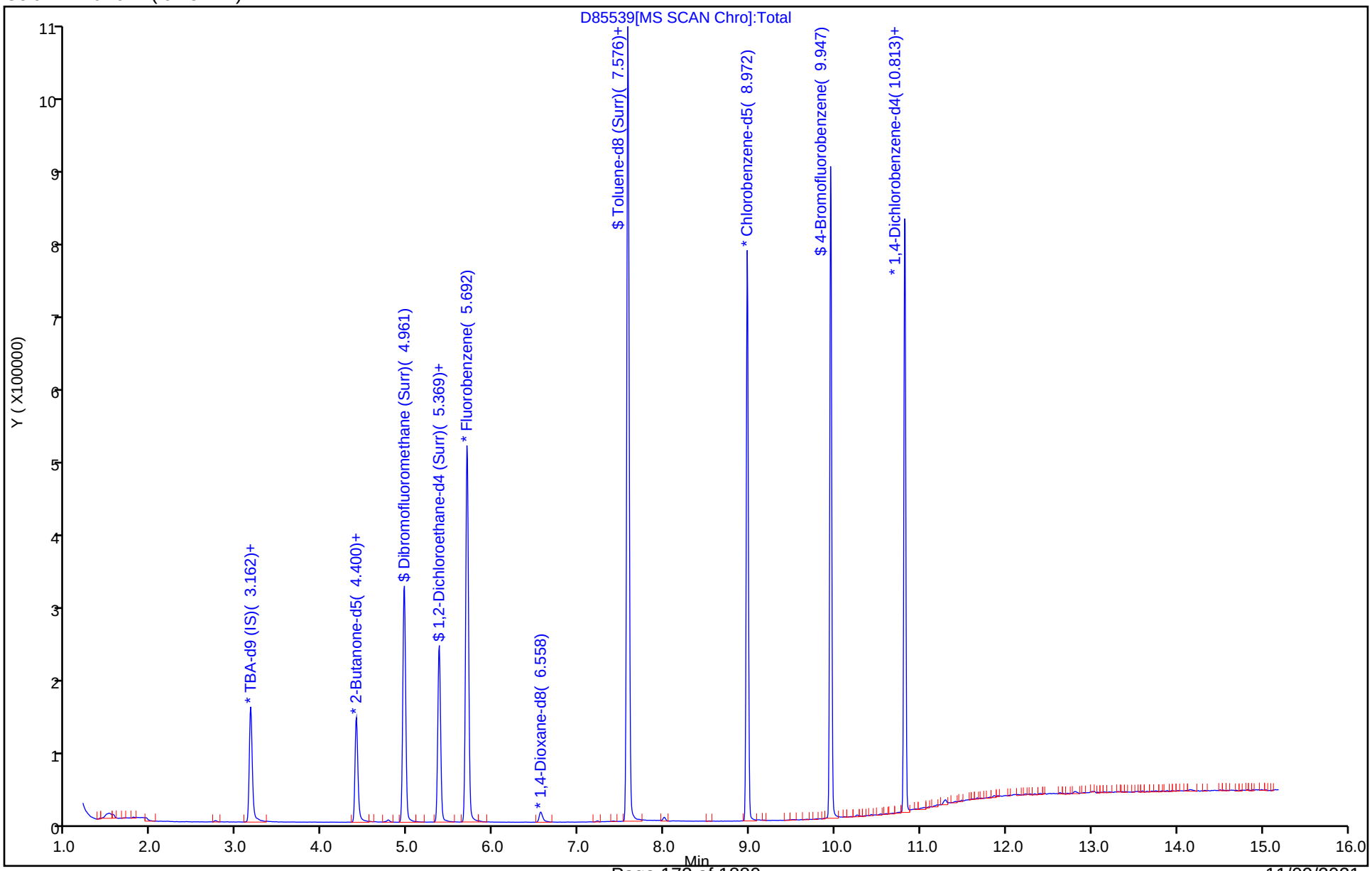
Report Date: 03-Nov-2021 11:51:47 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85539.D

Injection Date:	02-Nov-2021 22:48:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-246210-C-9-A	Lab Sample ID:	460-246210-9	Worklist Smp#:	11
Client ID:	HA-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-808619/3	D85146.D
Level 2	STD5 460-808619/4	D85147.D
Level 3	STD20 460-808619/15	D85158.D
Level 4	STD50 460-808619/6	D85149.D
Level 5	STD200 460-808619/7	D85150.D
Level 6	STD500 460-808619/8	D85151.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2534 0.1895	0.2967	0.2752	0.2692	0.1980	Ave		0.2470				17.7		20.0			
Dichlorodifluoromethane	0.6331 0.6098	0.5896	0.5634	0.5688	0.6727	Ave		0.6062			0.1000	6.9		20.0			
Chlorodifluoromethane	0.6604 0.4403	0.6920	0.5762	0.5660	0.4581	Ave		0.5655				18.1		20.0			
Chloromethane	0.6576 0.4569	0.5172	0.5005	0.4747	0.4448	Ave		0.5086			0.1000	15.3		20.0			
Vinyl chloride	0.6937 0.4893	0.5886	0.5808	0.5737	0.5395	Ave		0.5776			0.1000	11.7		20.0			
Butadiene	0.6007 0.4376	0.5292	0.5237	0.5302	0.4964	Ave		0.5196				10.2		20.0			
Bromomethane	4.5298 2.8692	3.4491	2.8913	3.1447	3.4580	Ave		3.3904			0.1000	18.1		20.0			
Chloroethane	0.1433 0.2360	0.2614	0.2270	0.2853	0.2796	Lin2	-0.117	0.2637			0.1000				0.9900		0.9900
Trichlorofluoromethane	0.8087 0.6399	0.7473	0.7058	0.7533	0.6837	Ave		0.7231			0.1000	8.2		20.0			
Dichlorofluoromethane	0.9475 0.6418	0.8231	0.7262	0.7766	0.6864	Ave		0.7669				14.2		20.0			
Pentane	0.0686 0.0672	0.0933	0.0791	0.0861	0.0746	Ave		0.0782				13.0		20.0			
Ethanol	0.0996 0.0617	0.0937	0.0681	0.0789	0.0645	QuaF		0.0682	0						0.9990		0.9900
Ethyl ether	0.3635 0.2236	0.3119	0.2735	0.2843	0.2395	Ave		0.2827				17.9		20.0			
2-Methyl-1,3-butadiene	0.3423 0.3230	0.4027	0.3790	0.4006	0.3421	Ave		0.3650				9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.4779 0.3225	0.4821	0.4043	0.4191	0.3525	Ave		0.4097				15.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.7845 0.5570	0.8003	0.6823	0.6539	0.5946	Ave		0.6788				14.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroeth ane	0.4110 0.4236	0.5398	0.4937	0.5295	0.4499	Ave		0.4746			0.1000	11.5		20.0			
Acrolein	2.9957 2.2562	2.7459	2.3587	2.6443	2.4178	Ave		2.5698				10.8		20.0			
1,1-Dichloroethene	0.5180 0.3771	0.5003	0.4458	0.4785	0.4042	Ave		0.4540			0.1000	12.2		20.0			
Acetone	2.5869 1.3145	1.6385	1.2271	1.3118	1.2248	Qua2	6.7651	1.2525	0.0000158		0.0500				0.9960		0.9900
Iodomethane	0.8279 0.5272	0.6692	0.5658	0.7229	0.6088	Ave		0.6536				16.9		20.0			
Carbon disulfide	1.7343 1.3354	1.7695	1.6032	1.6968	1.4492	Ave		1.5981			0.1000	10.8		20.0			
Isopropyl alcohol	1.4923 0.9176	1.1711	0.9233	1.0672	0.9291	Qua2	5.0083	1.0019	-0.000019						0.9950		0.9900
3-Chloro-1-propene	0.3418 0.2155	0.2901	0.2553	0.2818	0.2433	Ave		0.2713				16.1		20.0			
Cyclopentene	1.0253 0.9281	1.1793	1.0936	1.1525	1.0068	Ave		1.0643				8.9		20.0			
Methyl acetate	0.2537 0.1462	0.1995	0.1759	0.1747	0.1518	Qua2	0.1606	0.1751	-0.000033		0.1000				0.9980		0.9900
Acetonitrile	1.0664 0.7854	0.8827	0.6806	0.7501	0.7716	Ave		0.8228				16.5		20.0			
Methylene Chloride	0.5958 0.3943	0.5427	0.4482	0.4714	0.4066	Ave		0.4765			0.1000	16.5		20.0			
2-Methyl-2-propanol	2.9354 1.8467	2.2514	1.7843	2.0629	1.7421	Qua2	10.480	1.9082	-0.000021						0.9940		0.9900
Methyl tert-butyl ether	1.2441 0.8773	1.0962	0.9732	1.0302	0.9063	Ave		1.0212			0.1000	13.3		20.0			
trans-1,2-Dichloroethene	0.6178 0.4185	0.5452	0.4881	0.5161	0.4427	Ave		0.5047			0.1000	14.3		20.0			
Acrylonitrile	7.1812 4.8267	6.5870	5.0989	5.5146	4.8019	Ave		5.6684				17.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.5161 0.6203	0.7008	0.6769	0.7412	0.6471	Ave		0.6504				12.0		20.0			
Isopropyl ether	1.2344 0.9307	1.1161	1.0431	1.1226	0.9991	Ave		1.0743				9.9		20.0			
1,1-Dichloroethane	0.9577 0.6540	0.8715	0.7759	0.8127	0.6984	Ave		0.7950			0.2000	14.0		20.0			
Vinyl acetate	0.0784 0.0639	0.0684	0.0674	0.0759	0.0683	Ave		0.0704				7.9		20.0			
2-Chloro-1,3-butadiene	0.4025 0.3828	0.4515	0.4316	0.4608	0.4092	Ave		0.4231				7.1		20.0			
Tert-butyl ethyl ether	1.2474 0.9936	1.1443	1.0823	1.1536	1.0415	Ave		1.1105				8.1		20.0			
2,2-Dichloropropane	0.2639 0.2039	0.2518	0.2186	0.2313	0.2034	Ave		0.2288				11.0		20.0			
cis-1,2-Dichloroethene	0.7010 0.4483	0.5995	0.5157	0.5396	0.4674	Ave		0.5452			0.1000	17.1		20.0			
2-Butanone (MEK)	0.8515 0.6014	0.7131	0.5978	0.6661	0.5906	Ave		0.6701			0.0500	15.1		20.0			
Ethyl acetate	0.7702 0.5872	0.6797	0.6222	0.6598	0.5972	Ave		0.6527				10.4		20.0			
Methyl acrylate	0.2648 0.2159	0.2447	0.2279	0.2407	0.2186	Ave		0.2354				7.8		20.0			
Propionitrile	0.7535 0.6016	0.7389	0.6144	0.6764	0.5973	Ave		0.6637				10.6		20.0			
Tetrahydrofuran	1.0387 0.6357	0.7705	0.6545	0.6992	0.6174	Qua2	0.7519	0.6674	-0.000044						0.9980		0.9900
Chlorobromomethane	0.3086 0.1979	0.2732	0.2409	0.2513	0.2076	Ave		0.2466				16.7		20.0			
Methacrylonitrile	0.1492 0.0954	0.1307	0.1206	0.1230	0.1072	Ave		0.1210				15.4		20.0			
Chloroform	0.9964 0.6634	0.8836	0.7599	0.8067	0.6955	Ave		0.8009			0.2000	15.5		20.0			
Cyclohexane	0.5815 0.6601	0.7914	0.7507	0.7979	0.6859	Ave		0.7113			0.1000	11.9		20.0			
1,1,1-Trichloroethane	0.7463 0.6443	0.7651	0.7117	0.7599	0.6606	Ave		0.7146			0.1000	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.5995 0.6069	0.7056	0.6495	0.7019	0.6169	Ave		0.6467			0.1000	7.3		20.0			
1,1-Dichloropropene	0.6190 0.6016	0.6931	0.6715	0.7091	0.6251	Ave		0.6532				6.7		20.0			
Isobutyl alcohol	1.0734 1.1728	1.2070	1.1162	1.3525	1.1818	Ave		1.1839				8.1		20.0			
Benzene	2.8043 2.2135	2.6867	2.5467	2.7455	2.3198	Ave		2.5527			0.5000	9.4		20.0			
Tert-amyl methyl ether	0.3625 0.2971	0.3428	0.3223	0.3559	0.3192	Ave		0.3333				7.5		20.0			
Isopropyl acetate	0.1937 0.1465	0.1825	0.1688	0.1802	0.1573	Ave		0.1715				10.2		20.0			
1,2-Dichloroethane	0.5986 0.4099	0.5236	0.4568	0.4809	0.4187	Ave		0.4814			0.1000	14.7		20.0			
n-Heptane	0.6532 0.5742	0.6868	0.6375	0.6645	0.5894	Ave		0.6343				6.9		20.0			
Trichloroethene	0.5765 0.4664	0.5443	0.5152	0.5413	0.4767	Ave		0.5201			0.2000	8.2		20.0			
n-Butanol	0.3552 0.4572	0.3417	0.3582	0.5131	0.4591	Ave		0.4141				17.3		20.0			
Methylcyclohexane	0.6313 0.8374	0.8865	0.8908	0.9644	0.8584	Ave		0.8448			0.1000	13.4		20.0			
Ethyl acrylate	0.3532 0.3729	0.3555	0.3670	0.3833	0.3696	Ave		0.3669				3.1		20.0			
1,2-Dichloropropane	0.4679 0.3863	0.4517	0.4214	0.4443	0.3920	Ave		0.4273			0.1000	7.8		20.0			
Methyl methacrylate	0.0894 0.0854	0.0901	0.0898	0.0976	0.0900	Ave		0.0904				4.4		20.0			
1,4-Dioxane	2.6166 2.3020	2.4628	2.0463	2.3744	2.2905	Ave		2.3488				8.1		20.0			
Dibromomethane	0.2987 0.2173	0.2748	0.2368	0.2540	0.2238	Ave		0.2509				12.5		20.0			
n-Propyl acetate	0.3984 0.3200	0.3668	0.3434	0.3655	0.3323	Ave		0.3544				8.0		20.0			
Dichlorobromomethane	0.6389 0.5197	0.5876	0.5312	0.5740	0.5220	Ave		0.5622			0.2000	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Nitropropane	0.0941 0.0600	0.0646	0.0591	0.0642	0.0604	Ave		0.0671				20.0		20.0			
2-Chloroethyl vinyl ether	0.1071 0.0975	0.0972	0.0962	0.1035	0.0953	Ave		0.0995				4.8		20.0			
Epichlorohydrin	0.5208 0.4501	0.4784	0.4429	0.4971	0.4422	Ave		0.4719				6.9		20.0			
cis-1,3-Dichloropropene	0.9823 0.9782	0.9836	0.9619	1.0449	0.9431	Ave		0.9823			0.2000	3.5		20.0			
4-Methyl-2-pentanone (MIBK)	4.0869 3.6510	3.9770	3.6905	4.1374	3.7164	Ave		3.8765			0.0500	5.6		20.0			
Toluene	3.2534 2.4576	2.9878	2.7717	2.9669	2.5787	Ave		2.8360			0.4000	10.3		20.0			
trans-1,3-Dichloropropene	0.8102 0.8278	0.8183	0.7905	0.8892	0.7978	Ave		0.8223			0.1000	4.3		20.0			
Ethyl methacrylate	0.4298 0.3797	0.3995	0.3874	0.4163	0.3820	Ave		0.3991				5.1		20.0			
1,1,2-Trichloroethane	0.4406 0.3911	0.4234	0.4053	0.4331	0.3827	Ave		0.4127			0.1000	5.7		20.0			
Tetrachloroethene	0.8045 0.7741	0.8615	0.8168	0.8970	0.7884	Ave		0.8237			0.2000	5.7		20.0			
1,3-Dichloropropane	0.9003 0.7744	0.8142	0.7801	0.8464	0.7560	Ave		0.8119				6.6		20.0			
2-Hexanone	2.9600 2.5578	2.8044	2.5958	2.9227	2.5948	Ave		2.7393			0.0500	6.6		20.0			
n-Butyl acetate	0.1603 0.1124	0.1221	0.1149	0.1216	0.1109	Ave		0.1237				15.0		20.0			
Chlorodibromomethane	0.6107 0.6027	0.5957	0.5771	0.6447	0.5871	Ave		0.6030			0.1000	3.9		20.0			
Ethylene Dibromide	0.5260 0.4848	0.4955	0.4816	0.5298	0.4703	Ave		0.4980			0.1000	4.9		20.0			
Chlorobenzene	2.1120 1.5726	1.9701	1.7815	1.9246	1.6665	Ave		1.8379			0.5000	11.0		20.0			
Ethylbenzene	1.1214 0.8410	1.0660	1.0066	1.0628	0.9034	Ave		1.0002			0.1000	10.7		20.0			
1,1,1,2-Tetrachloroethane	0.6333 0.5552	0.6372	0.6158	0.6941	0.5964	Ave		0.6220				7.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	1.3450 1.0509	1.3200	1.2516	1.3433	1.1427	Ave		1.2422			0.1000	9.8		20.0			
n-Butyl acrylate	0.3790 0.3259	0.3136	0.3226	0.3597	0.3292	Ave		0.3383				7.5		20.0			
o-Xylene	1.2892 0.9750	1.2395	1.1818	1.2452	1.0516	Ave		1.1637			0.3000	10.6		20.0			
Styrene	1.9410 1.5768	1.9437	1.9309	2.0851	1.7603	Ave		1.8730			0.3000	9.5		20.0			
Amyl acetate (mixed isomers)	1.3411 1.1223	1.1466	1.1064	1.1836	1.0733	Ave		1.1622				8.2		20.0			
Bromoform	0.3617 0.3883	0.3658	0.3658	0.4122	0.3792	Ave		0.3789			0.1000	5.1		20.0			
Isopropylbenzene	3.1731 2.4484	3.2968	3.2094	3.4103	2.8269	Ave		3.0608			0.1000	11.7		20.0			
Bromobenzene	1.8286 1.3941	1.5959	1.3879	1.4835	1.3294	Ave		1.5032				12.3		20.0			
1,1,2,2-Tetrachloroethane	1.1293 0.9479	0.9831	0.9063	0.9947	0.8916	Ave		0.9755			0.3000	8.8		20.0			
N-Propylbenzene	7.3912 5.1727	7.0606	6.7918	7.2026	6.0519	Ave		6.6118				12.8		20.0			
1,2,3-Trichloropropane	0.3335 0.2656	0.2917	0.2676	0.2896	0.2568	Ave		0.2841				9.8		20.0			
trans-1,4-Dichloro-2-butene	0.2854 0.2571	0.2548	0.2465	0.2690	0.2404	Ave		0.2588				6.3		20.0			
2-Chlorotoluene	5.1646 3.5124	4.6660	4.3959	4.6542	3.8879	Ave		4.3802				13.6		20.0			
4-Ethyltoluene	6.3218 4.2933	5.9962	5.6987	6.0391	5.0538	Ave		5.5671				13.6		20.0			
1,3,5-Trimethylbenzene	5.1841 3.9600	4.7648	4.6608	4.9894	4.3543	Ave		4.6522				9.5		20.0			
4-Chlorotoluene	4.9069 3.2944	4.3045	4.0135	4.2837	3.6507	Ave		4.0756				13.8		20.0			
Butyl Methacrylate	1.1500 1.1731	1.0927	1.1328	1.2978	1.2172	Ave		1.1773				6.1		20.0			
tert-Butylbenzene	4.4317 3.7264	4.5181	4.3307	4.6202	3.9638	Ave		4.2652				8.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4-Trimethylbenzene	5.1434 3.8732	4.7254	4.5240	4.8437	4.2798	Ave		4.5649				9.8		20.0			
sec-Butylbenzene	6.4450 4.9654	6.6335	6.5279	6.9278	5.7675	Ave		6.2112				11.6		20.0			
4-Isopropyltoluene	5.6649 4.2355	5.6413	5.4604	5.8482	4.9012	Ave		5.2919				11.5		20.0			
1,3-Dichlorobenzene	3.4254 2.0826	3.0298	2.7061	2.8546	2.3752	Ave		2.7456			0.6000	17.3		20.0			
1,4-Dichlorobenzene	3.4099 2.0834	2.9601	2.6727	2.7765	2.3281	Ave		2.7051			0.5000	17.3		20.0			
1,2,3-Trimethylbenzene	5.3550 3.5176	4.7928	4.5094	4.7814	4.1156	Ave		4.5120				14.0		20.0			
Benzyl chloride	0.4947 0.4137	0.4330	0.3983	0.4436	0.4170	Ave		0.4334				7.8		20.0			
Indan	2.2122 +++++	2.0320	1.8588	1.9425	1.6148	Ave		1.9321				11.4		20.0			
p-Diethylbenzene	3.3245 2.5135	3.2629	3.0865	3.2537	2.8207	Ave		3.0436				10.4		20.0			
n-Butylbenzene	2.8756 2.2449	2.9092	2.7767	2.9116	2.4896	Ave		2.7013				10.2		20.0			
1,2-Dichlorobenzene	3.0312 1.9899	2.6412	2.3777	2.5294	2.1358	Ave		2.4509			0.4000	15.2		20.0			
1,2,4,5-Tetramethylbenzene	5.1934 4.0066	4.7480	4.4656	4.7094	4.2449	Ave		4.5613				9.2		20.0			
1,2-Dibromo-3-Chloropropane	0.2312 0.1959	0.1822	0.1695	0.1857	0.1689	Ave		0.1889			0.0500	12.2		20.0			
1,3,5-Trichlorobenzene	2.5703 1.8655	2.1814	1.9019	1.9561	1.8654	Ave		2.0568				13.5		20.0			
1,2,4-Trichlorobenzene	1.9125 1.5019	1.6520	1.4263	1.4542	1.3747	Ave		1.5536			0.2000	12.8		20.0			
Hexachlorobutadiene	1.1617 1.1236	1.1501	1.0630	1.1174	1.0368	Ave		1.1088				4.4		20.0			
Naphthalene	3.3094 2.3166	2.3365	2.1203	2.3019	2.0739	Ave		2.4098				18.8		20.0			
1,2,3-Trichlorobenzene	1.5761 1.1675	1.2172	1.0739	1.1308	1.0383	Ave		1.2006				16.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dibromofluoromethane (Surr)	0.3954 0.3288	0.4104	0.3588	0.3786	0.3439	Ave		0.3693				8.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3241 0.3356	0.3368	0.2967	0.3032	0.2550	Ave		0.3086				10.0		20.0			
Toluene-d8 (Surr)	1.9224 1.9766	2.0494	1.8694	1.9857	1.8766	Ave		1.9467				3.6		20.0			
4-Bromofluorobenzene	1.2268 1.2085	1.2432	1.1294	1.1864	1.1179	Ave		1.1854				4.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-808619/3	D85146.D
Level 2	STD5 460-808619/4	D85147.D
Level 3	STD20 460-808619/15	D85158.D
Level 4	STD50 460-808619/6	D85149.D
Level 5	STD200 460-808619/7	D85150.D
Level 6	STD500 460-808619/8	D85151.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	2948 1740860	16770	80378	191562	676627	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	7365 5601164	33329	164526	404809	2299512	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	7682 4044687	39115	168256	402807	1565915	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	7649 4197421	29233	146164	337830	1520555	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	8069 4494230	33272	169615	408291	1844015	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	6987 4020023	29914	152923	377328	1696812	1.00 500	5.00	20.0	50.0	200
Bromomethane	BUT	Ave	3079 1418007	11050	50504	125138	662439	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Lin2	1667 2167865	14775	66283	203052	955800	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	9407 5877718	42239	206107	536105	2337070	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	11022 5895445	46525	212078	552721	2346271	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1597 1235345	10548	46209	122557	509673	2.00 1000	10.0	40.0	100	400
Ethanol	TBAd9	QuaF	808 365489	3564	14406	38241	148803	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	4228 2053564	17633	79882	202350	818672	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	3982 2967353	22763	110663	285118	1169408	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	5559 2962034	27252	118061	298276	1204733	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	9126 5116600	45237	199256	465369	2032429	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	4781 3890967	30511	144168	376820	1537799	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	61613 406840	105918	189641	259828	353689	101 608	203	304	406	507
1,1-Dichloroethene	FB	Ave	6025 3464395	28279	130185	340535	1381445	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Qua2	8792 3248153	26247	107174	261012	1173183	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	9630 4842757	37828	165236	514487	2080826	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	20174 12267045	100020	468175	1207675	4953494	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Qua2	3027 1359808	11137	48806	129274	536139	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3976 1979913	16400	74556	200581	831675	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	11927 8525140	66659	319360	820241	3441380	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Qua2	5903 2685537	22549	102718	248665	1037591	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	2163 1163873	8395	35975	90865	445252	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	6930 3622458	30676	130893	335501	1389770	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd9	Qua2	5954 2736669	21411	94315	249882	1005287	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	14472 8058829	61962	284208	733181	3097777	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	7187 3844542	30819	142522	367350	1513142	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBAd9	Ave	14566 7152730	62643	269527	667985	2771038	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	6003 5697724	39613	197677	527510	2211880	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	14359 8549470	63086	304605	798964	3415012	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	11140 6007232	49264	226581	578400	2387376	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	1825 1173417	7732	39355	108088	467112	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	4682 3516423	25524	126043	327938	1398689	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	14510 9127058	64683	316061	821010	3560152	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3070 1872704	14234	63828	164625	695267	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8154 4117665	33888	150591	384056	1597595	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2894 1486115	11422	52214	132533	565674	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	1047 580455	4355	21736	52508	228819	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3080 1983032	13834	66546	171287	747259	1.00 500	5.00	20.0	50.0	200
Propionitrile	BUT	Ave	5122 2973224	23673	107317	269156	1144273	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Qua2	1412 628351	4937	22863	55643	236558	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	3590 1818087	15442	70342	178848	709477	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	17359 8765839	73854	352320	875095	3664060	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	11590 6094383	49944	221910	574131	2377423	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6764 6063827	44737	219215	567850	2344658	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	8681 5918644	43246	207831	540870	2257915	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	6974 5574744	39884	189679	499547	2108540	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	7200 5526079	39179	196086	504653	2136647	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	5443 4344771	28697	147507	409573	1704975	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	24204 13194011	110107	521014	1344283	5463928	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	4217 2729372	19378	94131	253312	1091048	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	2253 1345525	10318	49297	128232	537679	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6963 3764939	29596	133386	342300	1431319	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	7598 5274618	38820	186154	472938	2014684	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	6706 4284650	30767	150463	385286	1629282	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	1801 1693757	8124	47330	155376	662321	25.0 12500	125	500	1250	5000
Methylcyclohexane	FB	Ave	7344 7691908	50110	260136	686416	2934125	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4109	20096	107159	272803	1263379	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			3425563					500				
1,2-Dichloropropane	FB	Ave	5443 3548105	25532	123053	316250	1339862	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	2079 1568506	10185	52423	138898	615599	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	1021 594366	4657	21280	57592	229329	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	3475 1995809	15532	69155	180743	764818	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	4634 2939782	20732	100276	260110	1135975	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	7432 4773868	33214	155110	408502	1784425	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2189 1102411	7298	34540	91411	412643	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1249 897331	5506	28170	73872	326409	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	7080 4448629	30656	154728	395613	1694186	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	8478 5830545	40309	196795	511616	2221383	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	13890 9022110	63706	322314	823192	3559733	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	28081 14649060	122449	567051	1452673	6073597	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	6993 4934433	33536	161717	435380	1879068	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	5000 3487786	22583	113137	296279	1305886	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	3803 2331106	17354	82914	212065	901430	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	6944 4614130	35307	167107	439188	1856802	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	7771 4615703	33369	159598	414420	1780623	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	10060 6320499	44923	226710	581520	2485371	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBNZ d5	Ave	1384 670002	5005	23515	59538	261223	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBNZ d5	Ave	5271 3592571	24415	118069	315658	1382821	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	4540 2889616	20308	98531	259410	1107682	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	18229 9373558	80739	364466	942351	3924988	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	9679 5012663	43686	205929	520360	2127735	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	5466 3309446	26116	125980	339866	1404717	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	11609 6263962	54096	256055	657716	2691471	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	3271 1942873	12854	65996	176138	775380	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	11127 5811506	50800	241771	609662	2476791	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	16753 9398674	79658	395035	1020937	4145957	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	5964 3368988	25605	124872	319409	1358489	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Ave	3122 2314701	14991	74845	201842	893141	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	27388 14594183	135111	656600	1669789	6658086	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	8132 4184622	35637	156646	400338	1682701	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	5022 2845406	21953	102287	268447	1128600	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	32869 15527167	157670	766579	1943762	7660285	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	1483 797190	6513	30199	78157	325110	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	1269 771623	5690	27818	72586	304346	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	22967 10543394	104197	496153	1256037	4921186	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd 4	Ave	28113 12887372	133901	643208	1629762	6396918	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	23054 11887088	106402	526052	1346485	5511436	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	21821 9889142	96123	452999	1156044	4620958	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Ave	5114 3521454	24400	127856	350238	1540661	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	19708 11185784	100894	488801	1246856	5017269	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	22873 11626468	105523	510618	1307163	5417177	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	28661 14904969	148133	736791	1869599	7300241	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	25192 12714014	125976	616311	1578259	6203724	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	15233 6251379	67658	305430	770367	3006371	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	15164 6253808	66102	301662	749282	2946860	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	23814 10558866	107028	508973	1290351	5209423	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Ave	2200 1241970	9670	44957	119708	527883	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	25733 +++++	114860	542817	1382520	5519560	1.00 +++++	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	14784 7544962	72864	348366	878077	3570326	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	12788 6738687	64965	313400	785741	3151188	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	13480 5973329	58981	268371	682619	2703368	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	23095 12026821	106027	504022	1270932	5373010	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	1028 587979	4068	19129	50109	213749	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	11430 5599906	48712	214668	527891	2361208	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	8505 4508438	36890	160988	392445	1740077	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd 4	Ave	5166 3372763	25682	119980	301558	1312296	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	14717 6953869	52177	239317	621205	2625046	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	7009 3504452	27182	121204	305180	1314263	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	229972 302074	232001	261918	269441	293907	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	188516 308265	190366	216597	215808	217949	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	829628 1178217	839918	956141	972242	1104984	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	272776	277622	318677	320183	353745	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 808619

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 10/22/2021 08:59 Calibration End Date: 10/22/2021 13:23 Calibration ID: 87756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			362757					50.0				

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85146.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Oct-2021 08:59:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0136415-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:08 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 22-Oct-2021 10:35:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	88	2948	1.00	1.03	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	93	3414	1.00	1.20	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	97	7365	1.00	1.04	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	96	7682	1.00	1.17	
6 Chloromethane	50	1.455	1.461	-0.006	97	7649	1.00	1.29	
8 Vinyl chloride	62	1.553	1.553	0.000	97	8069	1.00	1.20	
7 Butadiene	54	1.577	1.577	0.000	93	6987	1.00	1.16	
9 Bromomethane	94	1.845	1.851	-0.006	95	3079	1.00	1.34	
10 Chloroethane	64	1.931	1.937	-0.006	41	1667	1.00	0.9879	
13 Trichlorofluoromethane	101	2.132	2.138	-0.006	98	9407	1.00	1.12	
11 Dichlorofluoromethane	67	2.144	2.150	-0.006	98	11022	1.00	1.24	
12 Pentane	72	2.187	2.193	-0.006	95	1597	2.00	1.76	
15 Ethanol	46	2.449	2.430	0.019	84	808	40.0	58.4	
14 Ethyl ether	59	2.437	2.430	0.007	86	4228	1.00	1.29	
16 2-Methyl-1,3-butadiene	53	2.430	2.437	-0.007	96	3982	1.00	0.9380	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	86	5559	1.00	1.17	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.558	2.559	0.000	96	9126	1.00	1.16	
20 112TCTFE	101	2.601	2.607	-0.006	96	4781	1.00	0.8661	a
19 Acrolein	56	2.619	2.619	0.000	96	61613	101.4	118.2	
21 1,1-Dichloroethene	96	2.638	2.638	0.000	96	6025	1.00	1.14	
22 Acetone	43	2.766	2.766	0.000	87	8792	5.00	4.93	
23 Iodomethane	142	2.796	2.802	-0.006	96	9630	1.00	1.27	
24 Carbon disulfide	76	2.821	2.827	-0.006	98	20174	1.00	1.09	
25 Isopropyl alcohol	45	2.918	2.900	0.018	97	3027	10.0	9.90	
26 3-Chloro-1-propene	76	3.004	3.010	-0.006	90	3976	1.00	1.26	
28 Cyclopentene	67	3.016	3.022	-0.006	93	11927	1.00	0.9634	
27 Methyl acetate	43	3.046	3.040	0.006	97	5903	2.00	1.98	
29 Acetonitrile	40	3.107	3.095	0.012	99	2163	10.0	13.0	
30 Methylene Chloride	84	3.156	3.156	0.000	80	6930	1.00	1.25	
* 31 TBA-d9 (IS)	65	3.199	3.186	0.013	0	202835	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.278	3.266	0.012	98	5954	10.0	9.89	
33 Methyl tert-butyl ether	73	3.351	3.345	0.006	96	14472	1.00	1.22	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	91	7187	1.00	1.22	
35 Acrylonitrile	53	3.467	3.467	0.000	93	14566	10.0	12.7	
36 Hexane	57	3.552	3.552	0.000	90	6003	1.00	0.7935	
37 Isopropyl ether	45	3.814	3.814	0.000	96	14359	1.00	1.15	
38 1,1-Dichloroethane	63	3.833	3.833	0.000	98	11140	1.00	1.20	
39 Vinyl acetate	86	3.875	3.875	0.000	99	1825	2.00	2.23	
40 2-Chloro-1,3-butadiene	88	3.881	3.881	0.000	87	4682	1.00	0.9514	
41 Tert-butyl ethyl ether	59	4.192	4.186	0.006	89	14510	1.00	1.12	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	87	3070	1.00	1.15	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	81	169932	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	96	8154	1.00	1.29	
45 2-Butanone (MEK)	72	4.485	4.485	0.000	100	2894	5.00	6.35	
46 Ethyl acetate	70	4.509	4.503	0.006	96	1047	2.00	2.36	
47 Methyl acrylate	55	4.558	4.558	0.000	97	3080	1.00	1.12	
48 Propionitrile	54	4.643	4.637	0.006	97	5122	10.0	11.4	
49 Chlorobromomethane	128	4.717	4.717	0.000	71	3590	1.00	1.25	
50 Tetrahydrofuran	72	4.723	4.717	0.006	69	1412	2.00	1.99	
51 Methacrylonitrile	67	4.759	4.753	0.006	88	17359	10.0	12.3	
52 Chloroform	83	4.790	4.790	0.000	98	11590	1.00	1.24	
53 Cyclohexane	84	4.912	4.912	0.000	87	6764	1.00	0.8175	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	98	8681	1.00	1.04	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	98	229972	50.0	53.5	
56 Carbon tetrachloride	117	5.076	5.076	0.000	97	6974	1.00	0.9270	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	95	7200	1.00	0.9476	
58 Isobutyl alcohol	43	5.351	5.338	0.013	35	5443	25.0	22.7	
59 Benzene	78	5.357	5.357	0.000	92	24204	1.00	1.10	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	97	188516	50.0	52.5	
61 Tert-amyl methyl ether	87	5.466	5.460	0.006	97	4217	1.00	1.09	
62 Isopropyl acetate	61	5.479	5.479	0.000	92	2253	1.00	1.13	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	96	6963	1.00	1.24	
64 n-Heptane	43	5.570	5.570	0.000	84	7598	1.00	1.03	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	581617	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	97	6706	1.00	1.11	
66 n-Butanol	56	6.192	6.155	0.037	77	1801	25.0	21.4	
68 Methylcyclohexane	83	6.277	6.277	0.000	92	7344	1.00	0.7473	
69 Ethyl acrylate	55	6.338	6.332	0.006	98	4109	1.00	0.9627	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	90	5443	1.00	1.10	
* 71 1,4-Dioxane-d8	96	6.582	6.582	0.000	0	19510	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	79	2079	2.00	1.98	
73 1,4-Dioxane	88	6.649	6.649	0.000	36	1021	20.0	22.3	
74 Dibromomethane	93	6.649	6.649	0.000	92	3475	1.00	1.19	
75 n-Propyl acetate	43	6.710	6.704	0.006	94	4634	1.00	1.12	
76 Dichlorobromomethane	83	6.844	6.844	0.000	99	7432	1.00	1.14	
77 2-Nitropropane	41	7.204	7.204	0.000	97	2189	2.00	2.81	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	88	1249	1.00	1.08	
79 Epichlorohydrin	57	7.326	7.320	0.006	99	7080	20.0	22.1	
80 cis-1,3-Dichloropropene	75	7.369	7.369	0.000	88	8478	1.00	1.00	
81 4-Methyl-2-pentanone (MIBK)	43	7.539	7.533	0.006	95	13890	5.00	5.27	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	99	829628	50.0	49.4	
83 Toluene	91	7.661	7.661	0.000	92	28081	1.00	1.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	95	6993	1.00	0.9853	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	5000	1.00	1.08	
86 1,1,2-Trichloroethane	83	8.155	8.155	0.000	95	3803	1.00	1.07	
87 Tetrachloroethene	166	8.179	8.179	0.000	96	6944	1.00	0.9767	
88 1,3-Dichloropropane	76	8.320	8.320	0.000	90	7771	1.00	1.11	
89 2-Hexanone	43	8.374	8.374	0.000	93	10060	5.00	5.40	
90 n-Butyl acetate	73	8.472	8.466	0.006	91	1384	1.00	1.30	
91 Chlorodibromomethane	129	8.496	8.496	0.000	97	5271	1.00	1.01	
92 Ethylene Dibromide	107	8.606	8.600	0.006	99	4540	1.00	1.06	
* 93 Chlorobenzene-d5	117	8.990	8.984	0.006	84	431559	50.0	50.0	
94 Chlorobenzene	112	9.015	9.015	0.000	96	18229	1.00	1.15	
95 Ethylbenzene	106	9.082	9.082	0.000	97	9679	1.00	1.12	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	95	5466	1.00	1.02	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	100	11609	1.00	1.08	
98 n-Butyl acrylate	73	9.496	9.496	0.000	97	3271	1.00	1.12	
99 o-Xylene	106	9.514	9.514	0.000	94	11127	1.00	1.11	
100 Styrene	104	9.539	9.539	0.000	96	16753	1.00	1.04	
101 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	93	5964	1.00	1.15	
102 Bromoform	173	9.716	9.710	0.006	96	3122	1.00	0.9548	
103 Isopropylbenzene	105	9.801	9.801	0.000	95	27388	1.00	1.04	
$ 104 4-Bromofluorobenzene	174	9.966	9.966	0.000	0	272776	50.0	51.7	
105 Bromobenzene	156	10.069	10.069	0.000	93	8132	1.00	1.22	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	97	5022	1.00	1.16	
107 N-Propylbenzene	91	10.118	10.118	0.000	99	32869	1.00	1.12	
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	96	1483	1.00	1.17	
109 trans-1,4-Dichloro-2-butene	53	10.155	10.148	0.007	84	1269	1.00	1.10	
110 4-Ethyltoluene	105	10.209	10.209	0.000	94	28113	1.00	1.14	
111 2-Chlorotoluene	91	10.209	10.209	0.000	91	22967	1.00	1.18	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	93	23054	1.00	1.11	
113 4-Chlorotoluene	91	10.301	10.301	0.000	96	21821	1.00	1.20	
114 Butyl Methacrylate	87	10.325	10.325	0.000	87	5114	1.00	0.9768	
115 tert-Butylbenzene	119	10.496	10.496	0.000	95	19708	1.00	1.04	
116 1,2,4-Trimethylbenzene	105	10.539	10.539	0.000	97	22873	1.00	1.13	
117 sec-Butylbenzene	105	10.654	10.654	0.000	99	28661	1.00	1.04	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	98	25192	1.00	1.07	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	97	15233	1.00	1.25	
* 120 1,4-Dichlorobenzene-d4	152	10.831	10.831	0.000	93	222351	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.843	10.843	0.000	96	15164	1.00	1.26	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	96	23814	1.00	1.19	a
123 Benzyl chloride	126	10.953	10.953	0.000	99	2200	1.00	1.14	
124 2,3-Dihydroindene	117	11.002	11.002	0.000	93	25733	1.00	1.14	
125 p-Diethylbenzene	119	11.039	11.039	0.000	94	14784	1.00	1.09	
126 n-Butylbenzene	92	11.057	11.057	0.000	97	12788	1.00	1.06	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	97	13480	1.00	1.24	
128 1,2,4,5-Tetramethylbenzene	119	11.618	11.612	0.006	98	23095	1.00	1.14	
129 1,2-Dibromo-3-Chloropropane	157	11.721	11.715	0.006	87	1028	1.00	1.22	
130 1,3,5-Trichlorobenzene	180	11.831	11.831	0.000	97	11430	1.00	1.25	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	93	8505	1.00	1.23	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	95	5166	1.00	1.05	
133 Naphthalene	128	12.654	12.654	0.000	99	14717	1.00	1.37	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	95	7009	1.00	1.31	
S 135 1,2-Dichloroethene, Total	100				0		2.00	2.51	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.99	
S 137 Xylenes, Total	100				0		2.00	2.19	
S 138 Total BTEX	1				0		5.00	5.56	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00144	Amount Added:	1.00	Units: uL	
ACROLEIN W_00132	Amount Added:	10.00	Units: uL	
524freon_00043	Amount Added:	1.00	Units: uL	
GASES Li_00444	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Oct-2021 22:29:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85146.D

Injection Date: 22-Oct-2021 08:59:30 Instrument ID: CVOAMS4 Operator ID:

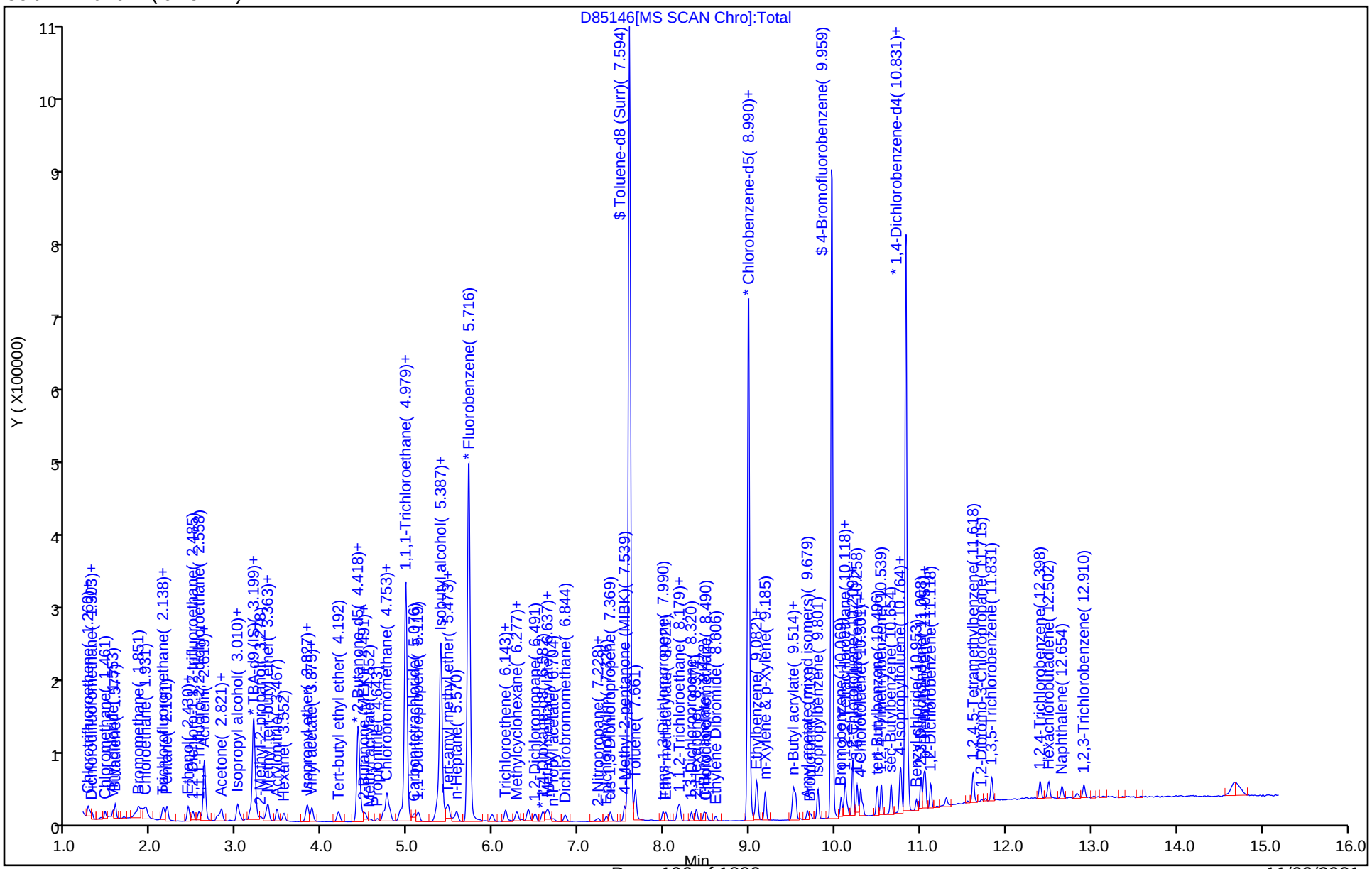
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85147.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Oct-2021 09:21:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0136415-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:13 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 22-Oct-2021 10:12:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	88	16770	5.00	6.01	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	94	16560	5.00	5.98	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	99	33329	5.00	4.86	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	97	39115	5.00	6.12	
6 Chloromethane	50	1.461	1.461	0.000	98	29233	5.00	5.08	
8 Vinyl chloride	62	1.553	1.553	0.000	98	33272	5.00	5.10	
7 Butadiene	54	1.577	1.577	0.000	95	29914	5.00	5.09	
9 Bromomethane	94	1.845	1.851	-0.006	97	11050	5.00	5.09	
10 Chloroethane	64	1.937	1.937	0.000	100	14775	5.00	5.40	
13 Trichlorofluoromethane	101	2.138	2.138	0.000	97	42239	5.00	5.17	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	99	46525	5.00	5.37	
12 Pentane	72	2.193	2.193	0.000	94	10548	10.0	11.9	
15 Ethanol	46	2.437	2.430	0.007	53	3564	200.0	275.1	
14 Ethyl ether	59	2.431	2.430	0.000	66	17633	5.00	5.52	
16 2-Methyl-1,3-butadiene	53	2.431	2.437	-0.007	95	22763	5.00	5.52	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	88	27252	5.00	5.88	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.559	2.559	0.001	94	45237	5.00	5.90	
20 112TCTFE	101	2.607	2.607	0.000	92	30511	5.00	5.69	
19 Acrolein	56	2.619	2.619	0.000	96	105918	202.8	216.7	
21 1,1-Dichloroethene	96	2.638	2.638	0.000	96	28279	5.00	5.51	
22 Acetone	43	2.766	2.766	0.000	87	26247	25.0	27.3	
23 Iodomethane	142	2.802	2.802	0.000	97	37828	5.00	5.12	
24 Carbon disulfide	76	2.827	2.827	0.000	98	100020	5.00	5.54	
25 Isopropyl alcohol	45	2.906	2.900	0.006	98	11137	50.0	53.5	
26 3-Chloro-1-propene	76	3.010	3.010	0.000	94	16400	5.00	5.35	
28 Cyclopentene	67	3.022	3.022	0.000	93	66659	5.00	5.54	
27 Methyl acetate	43	3.040	3.040	0.000	99	22549	10.0	10.5	
29 Acetonitrile	40	3.101	3.095	0.006	97	8395	50.0	53.6	
30 Methylene Chloride	84	3.156	3.156	0.000	84	30676	5.00	5.69	
* 31 TBA-d9 (IS)	65	3.186	3.186	0.000	0	190202	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.272	3.266	0.006	99	21411	50.0	53.5	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	96	61962	5.00	5.37	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	92	30819	5.00	5.40	
35 Acrylonitrile	53	3.467	3.467	0.000	94	62643	50.0	58.1	
36 Hexane	57	3.552	3.552	0.000	90	39613	5.00	5.39	
37 Isopropyl ether	45	3.814	3.814	0.000	95	63086	5.00	5.19	
38 1,1-Dichloroethane	63	3.833	3.833	0.000	98	49264	5.00	5.48	
39 Vinyl acetate	86	3.875	3.875	0.000	99	7732	10.0	9.72	
40 2-Chloro-1,3-butadiene	88	3.881	3.881	0.000	88	25524	5.00	5.34	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	90	64683	5.00	5.15	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	94	14234	5.00	5.50	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	94	160185	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	97	33888	5.00	5.50	
45 2-Butanone (MEK)	72	4.485	4.485	0.000	99	11422	25.0	26.6	
46 Ethyl acetate	70	4.503	4.503	0.000	96	4355	10.0	10.4	
47 Methyl acrylate	55	4.558	4.558	0.000	99	13834	5.00	5.20	
48 Propionitrile	54	4.637	4.637	0.000	98	23673	50.0	55.7	
49 Chlorobromomethane	128	4.717	4.717	0.000	79	15442	5.00	5.54	
50 Tetrahydrofuran	72	4.717	4.717	0.000	85	4937	10.0	10.4	
51 Methacrylonitrile	67	4.753	4.753	0.000	90	73854	50.0	54.0	
52 Chloroform	83	4.790	4.790	0.000	99	49944	5.00	5.52	
53 Cyclohexane	84	4.912	4.912	0.000	87	44737	5.00	5.56	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	97	43246	5.00	5.35	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	98	232001	50.0	55.6	
56 Carbon tetrachloride	117	5.076	5.076	0.000	96	39884	5.00	5.46	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	97	39179	5.00	5.31	
58 Isobutyl alcohol	43	5.338	5.338	0.000	90	28697	125.0	127.4	
59 Benzene	78	5.357	5.357	0.000	97	110107	5.00	5.26	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	97	190366	50.0	54.6	
61 Tert-amyl methyl ether	87	5.460	5.460	0.000	93	19378	5.00	5.14	
62 Isopropyl acetate	61	5.479	5.479	0.000	94	10318	5.00	5.32	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	95	29596	5.00	5.44	
64 n-Heptane	43	5.570	5.570	0.000	86	38820	5.00	5.41	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	565256	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	96	30767	5.00	5.23	
66 n-Butanol	56	6.174	6.155	0.019	85	8124	125.0	103.2	
68 Methylcyclohexane	83	6.277	6.277	0.000	92	50110	5.00	5.25	
69 Ethyl acrylate	55	6.332	6.332	0.000	98	20096	5.00	4.84	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	93	25532	5.00	5.29	
* 71 1,4-Dioxane-d8	96	6.576	6.582	-0.006	0	18909	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	82	10185	10.0	9.97	
73 1,4-Dioxane	88	6.643	6.649	-0.006	39	4657	100.0	104.9	
74 Dibromomethane	93	6.649	6.649	0.000	93	15532	5.00	5.48	
75 n-Propyl acetate	43	6.704	6.704	0.000	96	20732	5.00	5.17	
76 Dichlorobromomethane	83	6.838	6.844	-0.006	99	33214	5.00	5.23	
77 2-Nitropropane	41	7.204	7.204	0.000	98	7298	10.0	9.63	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	92	5506	5.01	4.90	
79 Epichlorohydrin	57	7.320	7.320	0.000	98	30656	100.0	101.4	
80 cis-1,3-Dichloropropene	75	7.369	7.369	0.000	88	40309	5.00	5.01	
81 4-Methyl-2-pentanone (MIBK)	43	7.539	7.533	0.006	94	63706	25.0	25.6	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	99	839918	50.0	52.6	
83 Toluene	91	7.661	7.661	0.000	92	122449	5.00	5.27	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	92	33536	5.00	4.98	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	22583	5.00	5.00	
86 1,1,2-Trichloroethane	83	8.155	8.155	0.000	96	17354	5.00	5.13	
87 Tetrachloroethene	166	8.179	8.179	0.000	97	35307	5.00	5.23	
88 1,3-Dichloropropane	76	8.320	8.320	0.000	90	33369	5.00	5.01	
89 2-Hexanone	43	8.374	8.374	0.000	93	44923	25.0	25.6	
90 n-Butyl acetate	73	8.466	8.466	0.000	95	5005	5.00	4.94	
91 Chlorodibromomethane	129	8.496	8.496	0.000	98	24415	5.00	4.94	
92 Ethylene Dibromide	107	8.600	8.600	0.000	99	20308	5.00	4.98	
* 93 Chlorobenzene-d5	117	8.984	8.984	0.000	84	409829	50.0	50.0	
94 Chlorobenzene	112	9.008	9.015	-0.007	98	80739	5.00	5.36	
95 Ethylbenzene	106	9.082	9.082	0.000	97	43686	5.00	5.33	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	97	26116	5.00	5.12	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	100	54096	5.00	5.31	
98 n-Butyl acrylate	73	9.496	9.496	0.000	98	12854	5.00	4.63	
99 o-Xylene	106	9.514	9.514	0.000	94	50800	5.00	5.33	
100 Styrene	104	9.539	9.539	0.000	97	79658	5.00	5.19	
101 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	93	25605	5.00	4.93	
102 Bromoform	173	9.710	9.710	0.000	98	14991	5.00	4.83	
103 Isopropylbenzene	105	9.801	9.801	0.000	95	135111	5.00	5.39	
$ 104 4-Bromofluorobenzene	174	9.960	9.966	-0.006	0	277622	50.0	52.4	
105 Bromobenzene	156	10.069	10.069	0.000	93	35637	5.00	5.31	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	97	21953	5.00	5.04	
107 N-Propylbenzene	91	10.118	10.118	0.000	100	157670	5.00	5.34	
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	97	6513	5.00	5.13	
109 trans-1,4-Dichloro-2-butene	53	10.149	10.148	0.000	85	5690	5.00	4.92	
110 4-Ethyltoluene	105	10.209	10.209	0.000	90	133901	5.00	5.39	
111 2-Chlorotoluene	91	10.209	10.209	0.000	88	104197	5.00	5.33	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	95	106402	5.00	5.12	
113 4-Chlorotoluene	91	10.301	10.301	0.000	96	96123	5.00	5.28	
114 Butyl Methacrylate	87	10.325	10.325	0.000	86	24400	5.00	4.64	
115 tert-Butylbenzene	119	10.496	10.496	0.000	96	100894	5.00	5.30	
116 1,2,4-Trimethylbenzene	105	10.539	10.539	0.000	96	105523	5.00	5.18	
117 sec-Butylbenzene	105	10.655	10.654	0.000	99	148133	5.00	5.34	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	98	125976	5.00	5.33	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	98	67658	5.00	5.52	
* 120 1,4-Dichlorobenzene-d4	152	10.825	10.831	-0.006	93	223309	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.843	10.843	0.000	96	66102	5.00	5.47	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	98	107028	5.00	5.31	
123 Benzyl chloride	126	10.953	10.953	0.000	100	9670	5.00	5.00	
124 2,3-Dihydroindene	117	11.002	11.002	0.000	94	114860	5.00	5.26	
125 p-Diethylbenzene	119	11.039	11.039	0.000	94	72864	5.00	5.36	
126 n-Butylbenzene	92	11.057	11.057	0.000	97	64965	5.00	5.38	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	98	58981	5.00	5.39	
128 1,2,4,5-Tetramethylbenzene	119	11.612	11.612	0.000	97	106027	5.00	5.20	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	92	4068	5.00	4.82	
130 1,3,5-Trichlorobenzene	180	11.831	11.831	0.000	97	48712	5.00	5.30	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	94	36890	5.00	5.32	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	97	25682	5.00	5.19	
133 Naphthalene	128	12.654	12.654	0.000	99	52177	5.00	4.85	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	96	27182	5.00	5.07	
S 135 1,2-Dichloroethene, Total	100				0		10.0	10.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		10.0	9.98	
S 137 Xylenes, Total	100				0		10.0	10.6	
S 138 Total BTEX	1				0		25.0	26.5	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00144	Amount Added: 5.00	Units: uL		
ACROLEIN W_00132	Amount Added: 20.00	Units: uL		
524freon_00043	Amount Added: 5.00	Units: uL		
GASES Li_00444	Amount Added: 5.00	Units: uL		
8260ISNEW_00119	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added: 1.00	Units: uL	Run Reagent	

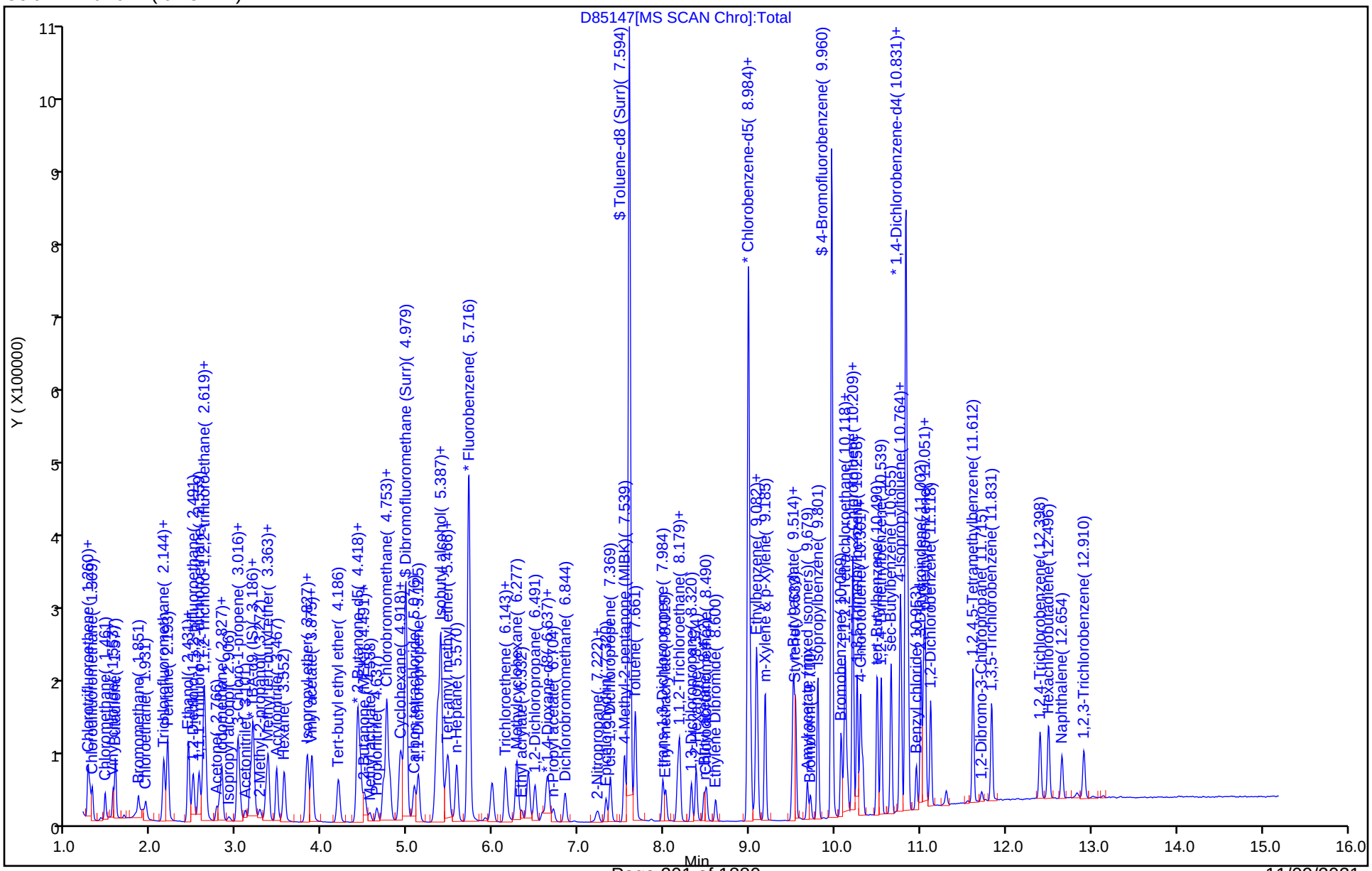
Report Date: 24-Oct-2021 22:29:14 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85147.D

Injection Date:	22-Oct-2021 09:21:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85149.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Oct-2021 10:05:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0136415-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:19 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 22-Oct-2021 10:29:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	0	191562	50.0	54.5	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	0	174034	50.0	49.9	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	0	404809	50.0	46.9	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	0	402807	50.0	50.0	
6 Chloromethane	50	1.455	1.461	-0.006	0	337830	50.0	46.7	
8 Vinyl chloride	62	1.553	1.553	0.000	0	408291	50.0	49.7	
7 Butadiene	54	1.577	1.577	0.000	0	377328	50.0	51.0	
9 Bromomethane	94	1.851	1.851	0.000	0	125138	50.0	46.4	
10 Chloroethane	64	1.943	1.937	0.006	0	203052	50.0	54.5	
13 Trichlorofluoromethane	101	2.144	2.138	0.006	0	536105	50.0	52.1	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	0	552721	50.0	50.6	
12 Pentane	72	2.199	2.193	0.006	0	122557	100.0	110.2	
15 Ethanol	46	2.418	2.430	-0.012	0	38241	2000.0	2340.9	
14 Ethyl ether	59	2.431	2.430	0.001	0	202350	50.0	50.3	
16 2-Methyl-1,3-butadiene	53	2.437	2.437	0.000	0	285118	50.0	54.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.492	2.491	0.001	0	298276	50.0	51.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.559	2.559	0.001	0	465369	50.0	48.2	
20 112TCTFE	101	2.607	2.607	0.000	0	376820	50.0	55.8	
19 Acrolein	56	2.613	2.619	-0.006	0	259828	405.6	417.4	
21 1,1-Dichloroethene	96	2.638	2.638	0.000	0	340535	50.0	52.7	
22 Acetone	43	2.760	2.766	-0.006	0	261012	250.0	255.6	
23 Iodomethane	142	2.802	2.802	0.000	0	514487	50.0	55.3	
24 Carbon disulfide	76	2.827	2.827	0.000	0	1207675	50.0	53.1	
25 Isopropyl alcohol	45	2.888	2.900	-0.012	0	129274	500.0	533.1	
26 3-Chloro-1-propene	76	3.010	3.010	0.000	0	200581	50.0	51.9	
28 Cyclopentene	67	3.022	3.022	0.000	0	820241	50.0	54.1	
27 Methyl acetate	43	3.040	3.040	0.000	0	248665	100.0	100.8	
29 Acetonitrile	40	3.089	3.095	-0.006	0	90865	500.0	455.8	
30 Methylene Chloride	84	3.156	3.156	0.000	0	335501	50.0	49.5	
* 31 TBA-d9 (IS)	65	3.180	3.186	-0.006	0	242261	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.260	3.266	-0.006	0	249882	500.0	538.3	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	0	733181	50.0	50.4	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	0	367350	50.0	51.1	
35 Acrylonitrile	53	3.461	3.467	-0.006	0	667985	500.0	486.4	
36 Hexane	57	3.558	3.552	0.006	0	527510	50.0	57.0	
37 Isopropyl ether	45	3.814	3.814	0.000	0	798964	50.0	52.2	
38 1,1-Dichloroethane	63	3.833	3.833	0.000	0	578400	50.0	51.1	
39 Vinyl acetate	86	3.869	3.875	-0.006	0	108088	100.0	107.9	
40 2-Chloro-1,3-butadiene	88	3.882	3.881	0.001	0	327938	50.0	54.5	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	0	821010	50.0	51.9	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	0	164625	50.0	50.5	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	88	198966	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	0	384056	50.0	49.5	
45 2-Butanone (MEK)	72	4.479	4.485	-0.006	0	132533	250.0	248.5	
46 Ethyl acetate	70	4.503	4.503	0.000	0	52508	100.0	101.1	
47 Methyl acrylate	55	4.552	4.558	-0.006	0	171287	50.0	51.1	
48 Propionitrile	54	4.631	4.637	-0.006	0	269156	500.0	509.6	
49 Chlorobromomethane	128	4.711	4.717	-0.006	0	178848	50.0	51.0	
50 Tetrahydrofuran	72	4.711	4.717	-0.006	0	55643	100.0	104.4	
51 Methacrylonitrile	67	4.753	4.753	0.000	0	875095	500.0	508.0	
52 Chloroform	83	4.790	4.790	0.000	0	574131	50.0	50.4	
53 Cyclohexane	84	4.912	4.912	0.000	0	567850	50.0	56.1	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	0	540870	50.0	53.2	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	0	269441	50.0	51.3	
56 Carbon tetrachloride	117	5.076	5.076	0.000	0	499547	50.0	54.3	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	0	504653	50.0	54.3	
58 Isobutyl alcohol	43	5.332	5.338	-0.006	0	409573	1250.0	1428.0	
59 Benzene	78	5.357	5.357	0.000	0	1344283	50.0	53.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	92	215808	50.0	49.1	
61 Tert-amyl methyl ether	87	5.460	5.460	0.000	0	253312	50.0	53.4	
62 Isopropyl acetate	61	5.473	5.479	-0.006	0	128232	50.0	52.5	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	0	342300	50.0	50.0	
64 n-Heptane	43	5.570	5.570	0.000	0	472938	50.0	52.4	
* 65 Fluorobenzene	96	5.717	5.716	0.001	99	711719	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	0	385286	50.0	52.0	
66 n-Butanol	56	6.149	6.155	-0.006	0	155376	1250.0	1548.9	
68 Methylcyclohexane	83	6.277	6.277	0.000	0	686416	50.0	57.1	
69 Ethyl acrylate	55	6.326	6.332	-0.006	0	272803	50.0	52.2	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	0	316250	50.0	52.0	
* 71 1,4-Dioxane-d8	96	6.576	6.582	-0.006	0	24255	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	0	138898	100.0	108.0	
73 1,4-Dioxane	88	6.643	6.649	-0.006	0	57592	1000.0	1010.9	
74 Dibromomethane	93	6.649	6.649	0.000	0	180743	50.0	50.6	
75 n-Propyl acetate	43	6.704	6.704	0.000	0	260110	50.0	51.6	
76 Dichlorobromomethane	83	6.838	6.844	-0.006	0	408502	50.0	51.0	
77 2-Nitropropane	41	7.204	7.204	0.000	0	91411	100.0	95.8	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	0	73872	50.1	52.2	
79 Epichlorohydrin	57	7.320	7.320	0.000	0	395613	1000.0	1053.3	
80 cis-1,3-Dichloropropene	75	7.369	7.369	0.000	0	511616	50.0	53.2	
81 4-Methyl-2-pentanone (MIBK)	43	7.533	7.533	0.000	0	823192	250.0	266.8	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	0	972242	50.0	51.0	
83 Toluene	91	7.661	7.661	0.000	0	1452673	50.0	52.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	0	435380	50.0	54.1	
85 Ethyl methacrylate	69	8.015	8.021	-0.006	0	296279	50.0	52.1	
86 1,1,2-Trichloroethane	83	8.155	8.155	0.000	0	212065	50.0	52.5	
87 Tetrachloroethene	166	8.179	8.179	0.000	0	439188	50.0	54.4	
88 1,3-Dichloropropane	76	8.320	8.320	0.000	0	414420	50.0	52.1	
89 2-Hexanone	43	8.375	8.374	0.001	0	581520	250.0	266.7	
90 n-Butyl acetate	73	8.466	8.466	0.000	0	59538	50.0	49.1	
91 Chlorodibromomethane	129	8.496	8.496	0.000	0	315658	50.0	53.5	
92 Ethylene Dibromide	107	8.600	8.600	0.000	0	259410	50.0	53.2	
* 93 Chlorobenzene-d5	117	8.984	8.984	0.000	82	489628	50.0	50.0	
94 Chlorobenzene	112	9.009	9.015	-0.006	0	942351	50.0	52.4	
95 Ethylbenzene	106	9.082	9.082	0.000	0	520360	50.0	53.1	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	0	339866	50.0	55.8	
97 m-Xylene & p-Xylene	106	9.179	9.185	-0.006	0	657716	50.0	54.1	
98 n-Butyl acrylate	73	9.496	9.496	0.000	0	176138	50.0	53.2	
99 o-Xylene	106	9.515	9.514	0.001	0	609662	50.0	53.5	
100 Styrene	104	9.539	9.539	0.000	0	1020937	50.0	55.7	
101 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	0	319409	50.0	50.9	
102 Bromoform	173	9.710	9.710	0.000	0	201842	50.0	54.4	
103 Isopropylbenzene	105	9.795	9.801	-0.006	0	1669789	50.0	55.7	
$ 104 4-Bromofluorobenzene	174	9.960	9.966	-0.006	0	320183	50.0	50.0	
105 Bromobenzene	156	10.069	10.069	0.000	0	400338	50.0	49.3	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	0	268447	50.0	51.0	
107 N-Propylbenzene	91	10.118	10.118	0.000	0	1943762	50.0	54.5	
108 1,2,3-Trichloropropane	110	10.143	10.142	0.000	0	78157	50.0	51.0	
109 trans-1,4-Dichloro-2-butene	53	10.149	10.148	0.001	0	72586	50.0	52.0	
110 4-Ethyltoluene	105	10.210	10.209	0.001	0	1629762	50.0	54.2	
111 2-Chlorotoluene	91	10.210	10.209	0.001	0	1256037	50.0	53.1	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	0	1346485	50.0	53.6	
113 4-Chlorotoluene	91	10.301	10.301	0.000	0	1156044	50.0	52.6	
114 Butyl Methacrylate	87	10.325	10.325	0.000	0	350238	50.0	55.1	
115 tert-Butylbenzene	119	10.490	10.496	-0.006	0	1246856	50.0	54.2	
116 1,2,4-Trimethylbenzene	105	10.539	10.539	0.000	0	1307163	50.0	53.1	
117 sec-Butylbenzene	105	10.655	10.654	0.001	0	1869599	50.0	55.8	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	0	1578259	50.0	55.3	
119 1,3-Dichlorobenzene	146	10.777	10.776	0.001	0	770367	50.0	52.0	
* 120 1,4-Dichlorobenzene-d4	152	10.825	10.831	-0.006	93	269869	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.844	10.843	0.001	0	749282	50.0	51.3	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	0	1290351	50.0	53.0	
123 Benzyl chloride	126	10.953	10.953	0.000	0	119708	50.0	51.2	
124 2,3-Dihydroindene	117	11.002	11.002	0.000	0	1382520	50.0	50.3	
125 p-Diethylbenzene	119	11.039	11.039	0.000	0	878077	50.0	53.5	
126 n-Butylbenzene	92	11.057	11.057	0.000	0	785741	50.0	53.9	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	0	682619	50.0	51.6	
128 1,2,4,5-Tetramethylbenzene	119	11.612	11.612	0.000	0	1270932	50.0	51.6	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	0	50109	50.0	49.2	
130 1,3,5-Trichlorobenzene	180	11.831	11.831	0.000	0	527891	50.0	47.6	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	0	392445	50.0	46.8	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	0	301558	50.0	50.4	
133 Naphthalene	128	12.654	12.654	0.000	0	621205	50.0	47.8	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	0	305180	50.0	47.1	
S 135 1,2-Dichloroethene, Total	100				0		100.0	100.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		100.0	107.3	
S 137 Xylenes, Total	100				0		100.0	107.6	
S 138 Total BTEX	1				0		250.0	266.8	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00144	Amount Added:	5.00	Units: uL		
ACROLEIN W_00132	Amount Added:	4.00	Units: uL		
524freon_00043	Amount Added:	5.00	Units: uL		
GASES Li_00444	Amount Added:	5.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 24-Oct-2021 22:29:20 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85149.D

Injection Date: 22-Oct-2021 10:05:30 Instrument ID: CVOAMS4 Operator ID:

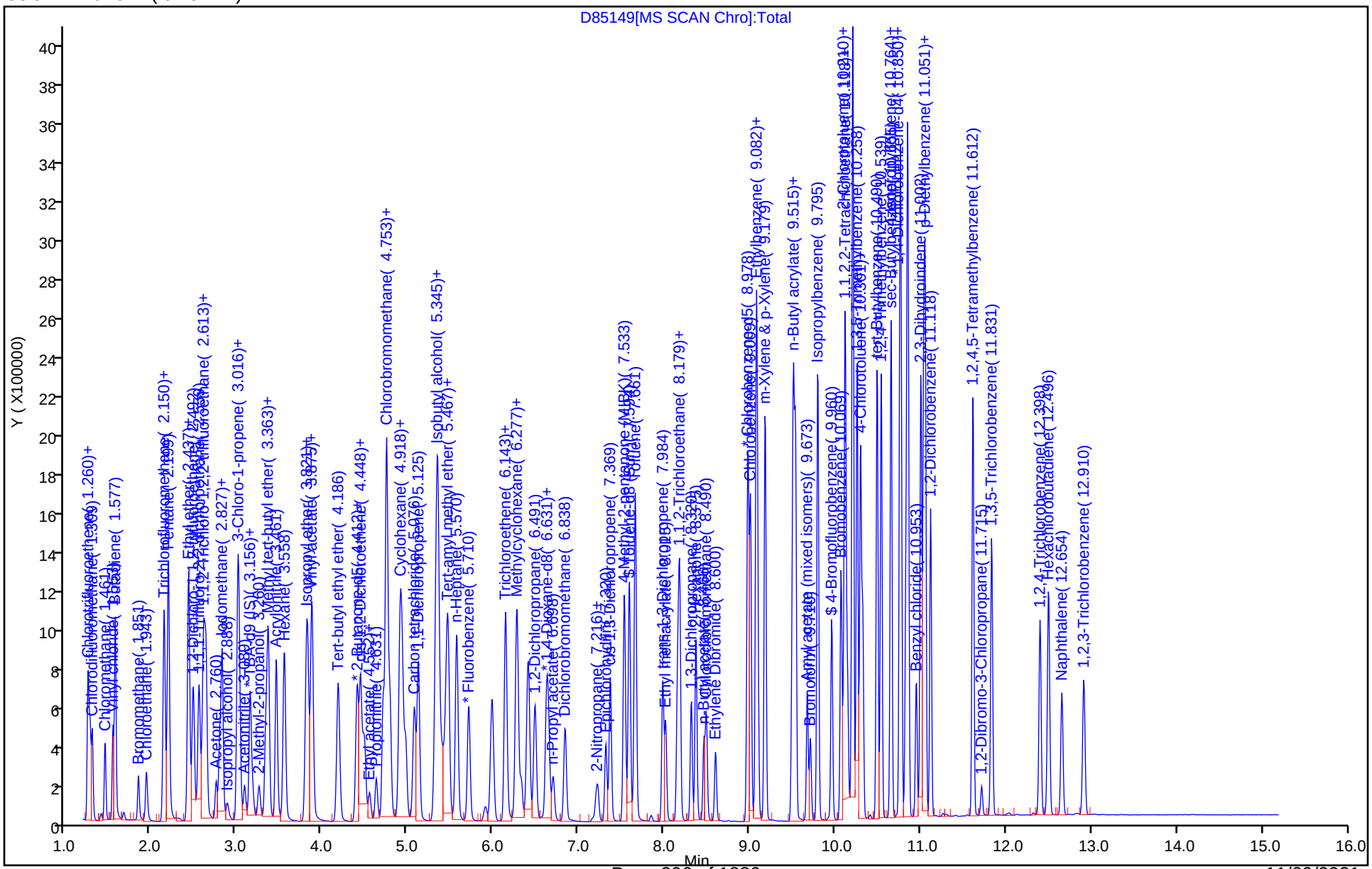
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85150.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Oct-2021 10:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0136415-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:26 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 22-Oct-2021 10:58:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	87	676627	200.0	160.3	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	93	662477	200.0	158.1	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	87	2299512	200.0	221.9	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	97	1565915	200.0	162.0	
6 Chloromethane	50	1.455	1.461	-0.006	88	1520555	200.0	174.9	
8 Vinyl chloride	62	1.546	1.553	-0.007	83	1844015	200.0	186.8	
7 Butadiene	54	1.577	1.577	0.000	95	1696812	200.0	191.1	
9 Bromomethane	94	1.851	1.851	0.000	98	662439	200.0	204.0	
10 Chloroethane	64	1.949	1.937	0.012	99	955800	200.0	212.5	
13 Trichlorofluoromethane	101	2.150	2.138	0.012	81	2337070	200.0	189.1	
11 Dichlorofluoromethane	67	2.156	2.150	0.006	88	2346271	200.0	179.0	
12 Pentane	72	2.199	2.193	0.006	90	509673	400.0	381.5	
15 Ethanol	46	2.412	2.430	-0.018	88	148803	8000.0	7860.5	
14 Ethyl ether	59	2.430	2.430	0.000	64	818672	200.0	169.4	
16 2-Methyl-1,3-butadiene	53	2.436	2.437	-0.001	95	1169408	200.0	187.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	80	1204733	200.0	172.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.558	2.559	0.000	86	2032429	200.0	175.2	
20 112TCTFE	101	2.607	2.607	0.000	95	1537799	200.0	189.6	
19 Acrolein	56	2.619	2.619	0.000	52	353689	507.0	477.0	
21 1,1-Dichloroethene	96	2.644	2.638	0.006	88	1381445	200.0	178.1	
22 Acetone	43	2.760	2.766	-0.006	86	1173183	1000.0	960.9	
23 Iodomethane	142	2.802	2.802	0.000	98	2080826	200.0	186.3	
24 Carbon disulfide	76	2.827	2.827	0.000	98	4953494	200.0	181.4	
25 Isopropyl alcohol	45	2.888	2.900	-0.012	91	536139	2000.0	1920.9	
26 3-Chloro-1-propene	76	3.009	3.010	-0.001	84	831675	200.0	179.4	
28 Cyclopentene	67	3.022	3.022	0.000	84	3441380	200.0	189.2	
27 Methyl acetate	43	3.040	3.040	0.000	81	1037591	400.0	372.0	
29 Acetonitrile	40	3.089	3.095	-0.006	98	445252	2000.0	1875.5	
30 Methylene Chloride	84	3.156	3.156	0.000	77	1389770	200.0	170.7	
* 31 TBA-d9 (IS)	65	3.180	3.186	-0.006	0	288533	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.259	3.266	-0.007	98	1005287	2000.0	1858.8	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	95	3097777	200.0	177.5	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	82	1513142	200.0	175.4	
35 Acrylonitrile	53	3.461	3.467	-0.006	93	2771038	2000.0	1694.3	
36 Hexane	57	3.558	3.552	0.006	87	2211880	200.0	199.0	
37 Isopropyl ether	45	3.814	3.814	0.000	87	3415012	200.0	186.0	
38 1,1-Dichloroethane	63	3.832	3.833	-0.001	82	2387376	200.0	175.7	
39 Vinyl acetate	86	3.875	3.875	0.000	99	467112	400.0	388.3	
40 2-Chloro-1,3-butadiene	88	3.887	3.881	0.006	85	1398689	200.0	193.4	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	86	3560152	200.0	187.6	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	89	695267	200.0	177.8	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	93	239460	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	91	1597595	200.0	171.4	
45 2-Butanone (MEK)	72	4.479	4.485	-0.006	92	565674	1000.0	881.3	
46 Ethyl acetate	70	4.503	4.503	0.000	91	228819	400.0	366.0	
47 Methyl acrylate	55	4.552	4.558	-0.006	97	747259	200.0	185.7	
48 Propionitrile	54	4.631	4.637	-0.006	98	1144273	2000.0	1800.0	
49 Chlorobromomethane	128	4.716	4.717	-0.001	69	709477	200.0	168.4	
50 Tetrahydrofuran	72	4.710	4.717	-0.007	71	236558	400.0	378.4	
51 Methacrylonitrile	67	4.759	4.753	0.006	88	3664060	2000.0	1771.5	
52 Chloroform	83	4.796	4.790	0.006	87	2377423	200.0	173.7	
53 Cyclohexane	84	4.912	4.912	0.000	82	2344658	200.0	192.9	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	87	2257915	200.0	184.9	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	0	293907	50.0	46.6	
56 Carbon tetrachloride	117	5.076	5.076	0.000	89	2108540	200.0	190.8	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	92	2136647	200.0	191.4	
58 Isobutyl alcohol	43	5.332	5.338	-0.006	43	1704975	5000.0	4991.0	
59 Benzene	78	5.357	5.357	0.000	95	5463928	200.0	181.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	0	217949	50.0	41.3	
61 Tert-amyl methyl ether	87	5.460	5.460	0.000	89	1091048	200.0	191.5	
62 Isopropyl acetate	61	5.479	5.479	-0.001	93	537679	200.0	183.4	
63 1,2-Dichloroethane	62	5.479	5.479	-0.001	82	1431319	200.0	174.0	
64 n-Heptane	43	5.576	5.570	0.006	83	2014684	200.0	185.9	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	854536	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	92	1629282	200.0	183.3	
66 n-Butanol	56	6.149	6.155	-0.006	45	662321	5000.0	5543.8	
68 Methylcyclohexane	83	6.277	6.277	0.000	88	2934125	200.0	203.2	
69 Ethyl acrylate	55	6.326	6.332	-0.006	88	1263379	200.0	201.5	
70 1,2-Dichloropropane	63	6.491	6.491	-0.001	92	1339862	200.0	183.5	
* 71 1,4-Dioxane-d8	96	6.582	6.582	0.000	0	25030	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	80	615599	400.0	398.6	
73 1,4-Dioxane	88	6.643	6.649	-0.006	39	229329	4000.0	3900.8	
74 Dibromomethane	93	6.649	6.649	0.000	87	764818	200.0	178.4	
75 n-Propyl acetate	43	6.704	6.704	0.000	95	1135975	200.0	187.6	
76 Dichlorobromomethane	83	6.844	6.844	0.000	91	1784425	200.0	185.7	
77 2-Nitropropane	41	7.204	7.204	0.000	93	412643	400.0	360.0	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	88	326409	200.5	192.0	
79 Epichlorohydrin	57	7.320	7.320	0.000	98	1694186	4000.0	3748.0	
80 cis-1,3-Dichloropropene	75	7.374	7.369	0.005	83	2221383	200.0	192.0	
81 4-Methyl-2-pentanone (MIBK)	43	7.533	7.533	0.000	93	3559733	1000.0	958.7	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	0	1104984	50.0	48.2	
83 Toluene	91	7.667	7.661	0.006	91	6073597	200.0	181.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	91	1879068	200.0	194.0	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	1305886	200.0	191.4	
86 1,1,2-Trichloroethane	83	8.155	8.155	0.000	93	901430	200.0	185.5	
87 Tetrachloroethene	166	8.179	8.179	0.000	92	1856802	200.0	191.4	
88 1,3-Dichloropropane	76	8.319	8.320	-0.001	85	1780623	200.0	186.2	
89 2-Hexanone	43	8.374	8.374	0.000	90	2485371	1000.0	947.3	
90 n-Butyl acetate	73	8.466	8.466	0.000	93	261223	200.0	179.3	
91 Chlorodibromomethane	129	8.496	8.496	0.000	94	1382821	200.0	194.7	
92 Ethylene Dibromide	107	8.600	8.600	0.000	98	1107682	200.0	188.9	
* 93 Chlorobenzene-d5	117	8.990	8.984	0.006	54	588824	50.0	50.0	
94 Chlorobenzene	112	9.014	9.015	-0.001	96	3924988	200.0	181.3	
95 Ethylbenzene	106	9.081	9.082	-0.001	97	2127735	200.0	180.6	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	55	1404717	200.0	191.8	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	100	2691471	200.0	184.0	
98 n-Butyl acrylate	73	9.496	9.496	0.000	97	775380	200.0	194.6	
99 o-Xylene	106	9.514	9.514	0.000	94	2476791	200.0	180.7	
100 Styrene	104	9.539	9.539	0.000	95	4145957	200.0	188.0	
101 Amyl acetate (mixed isomers)	43	9.673	9.679	-0.006	92	1358489	200.0	184.7	
102 Bromoform	173	9.709	9.710	-0.001	94	893141	200.0	200.2	
103 Isopropylbenzene	105	9.801	9.801	0.000	95	6658086	200.0	184.7	
$ 104 4-Bromofluorobenzene	174	9.965	9.966	-0.001	0	353745	50.0	47.2	
105 Bromobenzene	156	10.069	10.069	0.000	94	1682701	200.0	176.9	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	88	1128600	200.0	182.8	
107 N-Propylbenzene	91	10.118	10.118	0.000	99	7660285	200.0	183.1	
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	95	325110	200.0	180.8	
109 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	79	304346	200.0	185.8	
110 4-Ethyltoluene	105	10.209	10.209	0.000	85	6396918	200.0	181.6	
111 2-Chlorotoluene	91	10.209	10.209	0.000	87	4921186	200.0	177.5	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	90	5511436	200.0	187.2	
113 4-Chlorotoluene	91	10.301	10.301	0.000	96	4620958	200.0	179.1	
114 Butyl Methacrylate	87	10.325	10.325	0.000	81	1540661	200.0	206.8	
115 tert-Butylbenzene	119	10.496	10.496	0.000	91	5017269	200.0	185.9	
116 1,2,4-Trimethylbenzene	105	10.538	10.539	-0.001	91	5417177	200.0	187.5	
117 sec-Butylbenzene	105	10.654	10.654	0.000	94	7300241	200.0	185.7	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	92	6203724	200.0	185.2	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	97	3006371	200.0	173.0	
* 120 1,4-Dichlorobenzene-d4	152	10.831	10.831	0.000	68	316440	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.843	10.843	0.000	94	2946860	200.0	172.1	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	98	5209423	200.0	182.4	
123 Benzyl chloride	126	10.953	10.953	0.000	96	527883	200.0	192.5	
124 2,3-Dihydroindene	117	11.008	11.002	0.006	89	5519560	200.0	167.2	
125 p-Diethylbenzene	119	11.038	11.039	-0.001	87	3570326	200.0	185.4	
126 n-Butylbenzene	92	11.057	11.057	0.000	96	3151188	200.0	184.3	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	97	2703368	200.0	174.3	
128 1,2,4,5-Tetramethylbenzene	119	11.618	11.612	0.006	95	5373010	200.0	186.1	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	89	213749	200.0	178.8	
130 1,3,5-Trichlorobenzene	180	11.831	11.831	0.000	94	2361208	200.0	181.4	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	90	1740077	200.0	177.0	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	95	1312296	200.0	187.0	
133 Naphthalene	128	12.654	12.654	0.000	99	2625046	200.0	172.1	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	94	1314263	200.0	173.0	
S 135 1,2-Dichloroethene, Total	100				0		400.0	346.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		400.0	386.1	
S 137 Xylenes, Total	100				0		400.0	364.7	
S 138 Total BTEX	1				0		1000.0	909.0	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00132	Amount Added:	5.00	Units: uL		
GAS Hi_00399	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00116	Amount Added:	2.00	Units: uL		
MIX I Hi_00143	Amount Added:	2.00	Units: uL		
8FreonHi_00037	Amount Added:	2.00	Units: uL		
Ethanol mix_00057	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 24-Oct-2021 22:29:27 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85150.D

Injection Date: 22-Oct-2021 10:27:30 Instrument ID: CVOAMS4 Operator ID:

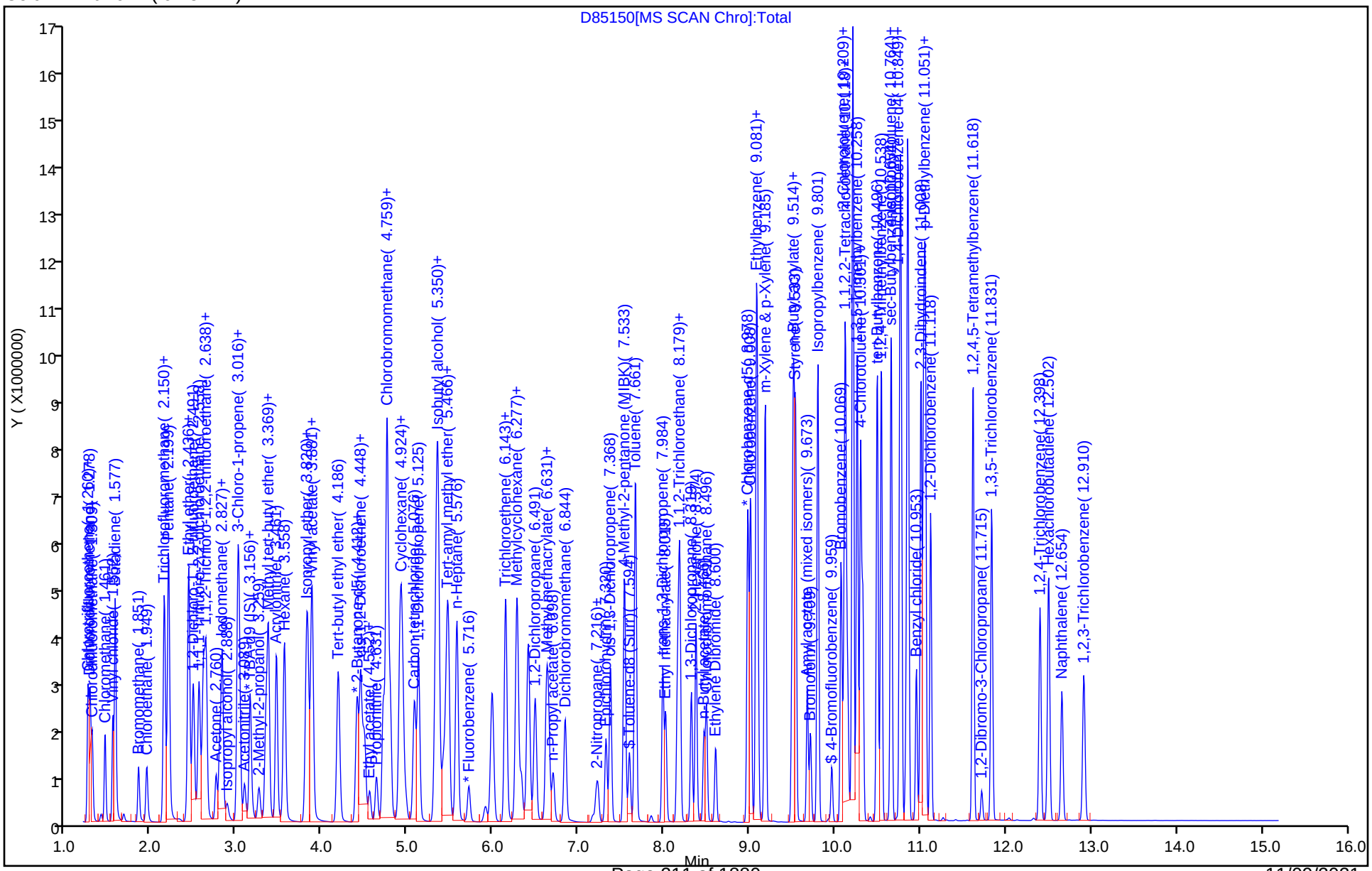
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85151.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-Oct-2021 10:49:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0136415-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:33 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 22-Oct-2021 11:23:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	88	1740860	500.0	383.6	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	93	1714605	500.0	380.7	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	87	5601164	500.0	502.9	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	78	4044687	500.0	389.3	
6 Chloromethane	50	1.455	1.461	-0.006	88	4197421	500.0	449.2	
8 Vinyl chloride	62	1.553	1.553	0.000	98	4494230	500.0	423.5	
7 Butadiene	54	1.577	1.577	0.000	95	4020023	500.0	421.1	
9 Bromomethane	94	1.851	1.851	0.000	97	1418007	500.0	423.1	
10 Chloroethane	64	1.937	1.937	0.000	97	2167865	500.0	447.9	
13 Trichlorofluoromethane	101	2.144	2.138	0.006	81	5877718	500.0	442.4	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	88	5895445	500.0	418.4	
12 Pentane	72	2.199	2.193	0.006	89	1235345	1000.0	860.3	
15 Ethanol	46	2.424	2.430	-0.006	53	365489	20000	20021	
14 Ethyl ether	59	2.431	2.430	0.000	61	2053564	500.0	395.4	
16 2-Methyl-1,3-butadiene	53	2.437	2.437	0.000	96	2967353	500.0	442.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	80	2962034	500.0	393.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.559	2.559	0.001	85	5116600	500.0	410.3	
20 112TCTFE	101	2.607	2.607	0.000	95	3890967	500.0	446.3	
19 Acrolein	56	2.620	2.619	0.001	39	406840	608.4	534.2	
21 1,1-Dichloroethene	96	2.644	2.638	0.006	89	3464395	500.0	415.4	
22 Acetone	43	2.760	2.766	-0.006	86	3248153	2500.0	2537.3	
23 Iodomethane	142	2.802	2.802	0.000	98	4842757	500.0	403.3	
24 Carbon disulfide	76	2.827	2.827	0.000	98	12267045	500.0	417.8	
25 Isopropyl alcohol	45	2.894	2.900	-0.006	91	1359808	5000.0	5070.9	
26 3-Chloro-1-propene	76	3.010	3.010	0.000	78	1979913	500.0	397.2	
28 Cyclopentene	67	3.022	3.022	0.000	84	8525140	500.0	436.0	
27 Methyl acetate	43	3.040	3.040	0.000	88	2685537	1000.0	1037.6	
29 Acetonitrile	40	3.095	3.095	0.000	98	1163873	5000.0	4772.6	
30 Methylene Chloride	84	3.156	3.156	0.000	77	3622458	500.0	413.8	
* 31 TBA-d9 (IS)	65	3.193	3.186	0.007	0	296381	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.266	3.266	0.000	97	2736669	5000.0	5126.1	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	95	8058829	500.0	429.5	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	83	3844542	500.0	414.6	
35 Acrylonitrile	53	3.467	3.467	0.000	93	7152730	5000.0	4257.6	
36 Hexane	57	3.558	3.552	0.006	88	5697724	500.0	476.8	
37 Isopropyl ether	45	3.814	3.814	0.000	86	8549470	500.0	433.2	
38 1,1-Dichloroethane	63	3.839	3.833	0.006	82	6007232	500.0	411.3	
39 Vinyl acetate	86	3.875	3.875	0.000	84	1173417	1000.0	907.3	
40 2-Chloro-1,3-butadiene	88	3.888	3.881	0.007	83	3516423	500.0	452.4	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	86	9127058	500.0	447.4	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	89	1872704	500.0	445.5	
* 42 2-Butanone-d5	46	4.424	4.418	0.006	98	247111	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	93	4117665	500.0	411.1	
45 2-Butanone (MEK)	72	4.485	4.485	0.000	92	1486115	2500.0	2243.7	
46 Ethyl acetate	70	4.503	4.503	0.000	90	580455	1000.0	899.7	
47 Methyl acrylate	55	4.558	4.558	0.000	98	1983032	500.0	458.5	
48 Propionitrile	54	4.643	4.637	0.006	98	2973224	5000.0	4532.2	
49 Chlorobromomethane	128	4.717	4.717	0.000	70	1818087	500.0	401.3	
50 Tetrahydrofuran	72	4.711	4.717	-0.006	76	628351	1000.0	1020.3	
51 Methacrylonitrile	67	4.772	4.753	0.019	88	8765839	5000.0	3942.7	
52 Chloroform	83	4.802	4.790	0.012	86	6094383	500.0	414.2	
53 Cyclohexane	84	4.912	4.912	0.000	83	6063827	500.0	464.1	
54 1,1,1-Trichloroethane	97	4.942	4.936	0.006	87	5918644	500.0	450.8	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	68	302074	50.0	44.5	
56 Carbon tetrachloride	117	5.082	5.076	0.006	89	5574744	500.0	469.2	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	92	5526079	500.0	460.5	
58 Isobutyl alcohol	43	5.338	5.338	0.000	44	4344771	12500	12382	
59 Benzene	78	5.357	5.357	0.000	96	13194011	500.0	433.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	0	308265	50.0	54.4	
61 Tert-amyl methyl ether	87	5.467	5.460	0.006	82	2729372	500.0	445.7	
62 Isopropyl acetate	61	5.479	5.479	0.000	80	1345525	500.0	427.1	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	82	3764939	500.0	425.7	
64 n-Heptane	43	5.576	5.570	0.006	83	5274618	500.0	452.7	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	918590	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	93	4284650	500.0	448.4	
66 n-Butanol	56	6.155	6.155	0.000	46	1693757	12500	13802	
68 Methylcyclohexane	83	6.283	6.277	0.006	86	7691908	500.0	495.6	
69 Ethyl acrylate	55	6.332	6.332	0.000	88	3425563	500.0	508.2	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	92	3548105	500.0	452.0	
* 71 1,4-Dioxane-d8	96	6.582	6.582	0.000	0	25820	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	81	1568506	1000.0	944.7	
73 1,4-Dioxane	88	6.649	6.649	0.000	37	594366	10000	9800.6	
74 Dibromomethane	93	6.649	6.649	0.000	86	1995809	500.0	433.0	
75 n-Propyl acetate	43	6.704	6.704	0.000	95	2939782	500.0	451.5	
76 Dichlorobromomethane	83	6.844	6.844	0.000	91	4773868	500.0	462.2	
77 2-Nitropropane	41	7.210	7.204	0.006	91	1102411	1000.0	894.8	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	85	897331	501.2	491.1	
79 Epichlorohydrin	57	7.326	7.320	0.006	97	4448629	10000	9537.0	
80 cis-1,3-Dichloropropene	75	7.375	7.369	0.006	84	5830545	500.0	497.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.539	7.533	0.006	77	9022110	2500.0	2354.6	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	0	1178217	50.0	50.8	
83 Toluene	91	7.667	7.661	0.006	92	14649060	500.0	433.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	91	4934433	500.0	503.4	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	3487786	500.0	475.6	
86 1,1,2-Trichloroethane	83	8.161	8.155	0.006	92	2331106	500.0	473.8	
87 Tetrachloroethene	166	8.185	8.179	0.006	98	4614130	500.0	469.9	
88 1,3-Dichloropropane	76	8.320	8.320	0.000	85	4615703	500.0	476.9	
89 2-Hexanone	43	8.374	8.374	0.000	86	6320499	2500.0	2334.4	
90 n-Butyl acetate	73	8.466	8.466	0.000	93	670002	500.0	454.3	
91 Chlorodibromomethane	129	8.496	8.496	0.000	92	3592571	500.0	499.8	
92 Ethylene Dibromide	107	8.606	8.600	0.006	99	2889616	500.0	486.7	
* 93 Chlorobenzene-d5	117	8.990	8.984	0.006	33	596069	50.0	50.0	
94 Chlorobenzene	112	9.015	9.015	0.000	94	9373558	500.0	427.8	
95 Ethylbenzene	106	9.082	9.082	0.000	98	5012663	500.0	420.4	
96 1,1,1,2-Tetrachloroethane	131	9.100	9.094	0.006	71	3309446	500.0	446.3	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	99	6263962	500.0	423.0	
98 n-Butyl acrylate	73	9.496	9.496	0.000	97	1942873	500.0	481.7	
99 o-Xylene	106	9.514	9.514	0.000	94	5811506	500.0	418.9	
100 Styrene	104	9.539	9.539	0.000	92	9398674	500.0	420.9	
101 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	92	3368988	500.0	482.8	
102 Bromoform	173	9.716	9.710	0.006	95	2314701	500.0	512.5	
103 Isopropylbenzene	105	9.801	9.801	0.000	96	14594183	500.0	400.0	e
$ 104 4-Bromofluorobenzene	174	9.966	9.966	0.000	0	362757	50.0	51.0	
105 Bromobenzene	156	10.075	10.069	0.006	88	4184622	500.0	463.7	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	92	2845406	500.0	485.9	
107 N-Propylbenzene	91	10.118	10.118	0.000	97	15527167	500.0	391.2	e
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	92	797190	500.0	467.4	
109 trans-1,4-Dichloro-2-butene	53	10.155	10.148	0.007	83	771623	500.0	496.5	
110 4-Ethyltoluene	105	10.209	10.209	0.000	83	12887372	500.0	385.6	
111 2-Chlorotoluene	91	10.209	10.209	0.000	90	10543394	500.0	400.9	
112 1,3,5-Trimethylbenzene	105	10.264	10.258	0.006	90	11887088	500.0	425.6	
113 4-Chlorotoluene	91	10.301	10.301	0.000	97	9889142	500.0	404.2	
114 Butyl Methacrylate	87	10.325	10.325	0.000	85	3521454	500.0	498.2	
115 tert-Butylbenzene	119	10.496	10.496	0.000	89	11185784	500.0	436.8	
116 1,2,4-Trimethylbenzene	105	10.545	10.539	0.006	89	11626468	500.0	424.2	
117 sec-Butylbenzene	105	10.655	10.654	0.001	92	14904969	500.0	399.7	e
118 4-Isopropyltoluene	119	10.764	10.758	0.006	90	12714014	500.0	400.2	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	95	6251379	500.0	379.3	
* 120 1,4-Dichlorobenzene-d4	152	10.831	10.831	0.000	56	300176	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.850	10.843	0.007	90	6253808	500.0	385.1	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	98	10558866	500.0	389.8	
123 Benzyl chloride	126	10.953	10.953	0.000	96	1241970	500.0	477.3	
124 2,3-Dihydroindene	117	11.008	11.002	0.006	90	11568500	500.0	325.9	
125 p-Diethylbenzene	119	11.039	11.039	0.000	91	7544962	500.0	412.9	a
126 n-Butylbenzene	92	11.057	11.057	0.000	96	6738687	500.0	415.5	
127 1,2-Dichlorobenzene	146	11.124	11.118	0.006	97	5973329	500.0	406.0	
128 1,2,4,5-Tetramethylbenzene	119	11.618	11.612	0.006	95	12026821	500.0	439.2	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	89	587979	500.0	518.5	
130 1,3,5-Trichlorobenzene	180	11.837	11.831	0.006	97	5599906	500.0	453.5	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	93	4508438	500.0	483.4	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	94	3372763	500.0	506.7	
133 Naphthalene	128	12.654	12.654	0.000	99	6953869	500.0	480.7	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	93	3504452	500.0	486.2	
S 135 1,2-Dichloroethene, Total	100				0		1000.0	825.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		1000.0	1001.2	
S 137 Xylenes, Total	100				0		1000.0	841.9	
S 138 Total BTEX	1				0		2500.0	2129.1	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
a - User Assigned ID

Reagents:

ACROLEIN W_00132	Amount Added:	6.00	Units: uL	
GAS Hi_00399	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00116	Amount Added:	5.00	Units: uL	
MIX I Hi_00143	Amount Added:	5.00	Units: uL	
8FreonHi_00037	Amount Added:	5.00	Units: uL	
Ethanol mix_00057	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 24-Oct-2021 22:29:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85151.D

Injection Date: 22-Oct-2021 10:49:30 Instrument ID: CVOAMS4 Operator ID:

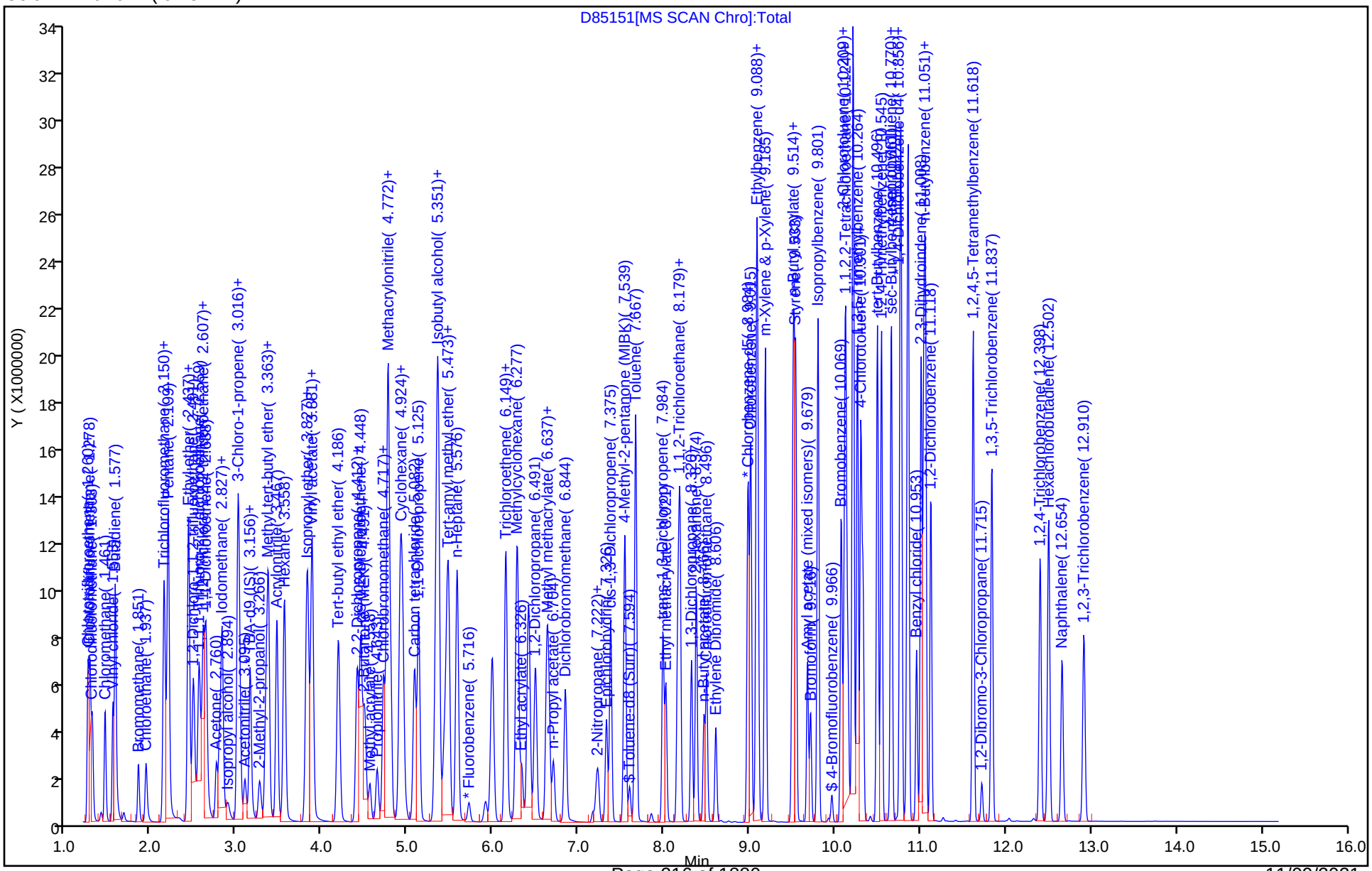
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Oct-2021 13:23:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0136415-015
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:29:38 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: tupayachia Date: 23-Oct-2021 05:52:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	88	80378	20.0	22.3	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	93	75758	20.0	21.2	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	87	164526	20.0	18.6	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	78	168256	20.0	20.4	
6 Chloromethane	50	1.461	1.461	0.000	99	146164	20.0	19.7	
8 Vinyl chloride	62	1.553	1.553	0.000	83	169615	20.0	20.1	
7 Butadiene	54	1.577	1.577	0.000	95	152923	20.0	20.2	
9 Bromomethane	94	1.851	1.851	0.000	97	50504	20.0	17.1	
10 Chloroethane	64	1.937	1.937	0.000	97	66283	20.0	17.7	
13 Trichlorofluoromethane	101	2.138	2.138	0.000	86	206107	20.0	19.5	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	88	212078	20.0	18.9	
12 Pentane	72	2.193	2.193	0.000	91	46209	40.0	40.5	
15 Ethanol	46	2.430	2.430	0.000	49	14406	800.0	802.3	
14 Ethyl ether	59	2.430	2.430	0.000	59	79882	20.0	19.4	
16 2-Methyl-1,3-butadiene	53	2.437	2.437	0.000	94	110663	20.0	20.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	80	118061	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.559	2.559	0.000	86	199256	20.0	20.1	
20 112TCTFE	101	2.607	2.607	0.000	90	144168	20.0	20.8	
19 Acrolein	56	2.619	2.619	0.000	96	189641	304.2	279.2	
21 1,1-Dichloroethene	96	2.638	2.638	0.000	87	130185	20.0	19.6	
22 Acetone	43	2.766	2.766	0.000	73	107174	100.0	92.5	
23 Iodomethane	142	2.802	2.802	0.000	97	165236	20.0	17.3	
24 Carbon disulfide	76	2.827	2.827	0.000	98	468175	20.0	20.1	
25 Isopropyl alcohol	45	2.900	2.900	0.000	90	48806	200.0	179.9	
26 3-Chloro-1-propene	76	3.010	3.010	0.000	81	74556	20.0	18.8	
28 Cyclopentene	67	3.022	3.022	0.000	83	319360	20.0	20.6	
27 Methyl acetate	43	3.040	3.040	0.000	93	102718	40.0	39.6	
29 Acetonitrile	40	3.095	3.095	0.000	98	35975	200.0	165.4	
30 Methylene Chloride	84	3.156	3.156	0.000	77	130893	20.0	18.8	
* 31 TBA-d9 (IS)	65	3.186	3.186	0.000	0	264297	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.266	3.266	0.000	99	94315	200.0	181.9	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	96	284208	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	82	142522	20.0	19.3	
35 Acrylonitrile	53	3.467	3.467	0.000	94	269527	200.0	179.9	
36 Hexane	57	3.552	3.552	0.000	88	197677	20.0	20.8	
37 Isopropyl ether	45	3.814	3.814	0.000	93	304605	20.0	19.4	
38 1,1-Dichloroethane	63	3.833	3.833	0.000	82	226581	20.0	19.5	
39 Vinyl acetate	86	3.875	3.875	0.000	84	39355	40.0	38.3	
40 2-Chloro-1,3-butadiene	88	3.881	3.881	0.000	76	126043	20.0	20.4	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	87	316061	20.0	19.5	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	85	63828	20.0	19.1	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	73	218341	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	91	150591	20.0	18.9	
45 2-Butanone (MEK)	72	4.485	4.485	0.000	93	52214	100.0	89.2	
46 Ethyl acetate	70	4.503	4.503	0.000	90	21736	40.0	38.1	
47 Methyl acrylate	55	4.558	4.558	0.000	97	66546	20.0	19.4	
48 Propionitrile	54	4.637	4.637	0.000	99	107317	200.0	185.1	
49 Chlorobromomethane	128	4.717	4.717	0.000	70	70342	20.0	19.5	
50 Tetrahydrofuran	72	4.717	4.717	0.000	70	22863	40.0	38.2	
51 Methacrylonitrile	67	4.753	4.753	0.000	88	352320	200.0	199.4	
52 Chloroform	83	4.790	4.790	0.000	86	221910	20.0	19.0	
53 Cyclohexane	84	4.912	4.912	0.000	87	219215	20.0	21.1	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	87	207831	20.0	19.9	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	0	261918	50.0	48.6	
56 Carbon tetrachloride	117	5.076	5.076	0.000	88	189679	20.0	20.1	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	97	196086	20.0	20.6	
58 Isobutyl alcohol	43	5.338	5.338	0.000	48	147507	500.0	471.4	
59 Benzene	78	5.357	5.357	0.000	96	521014	20.0	20.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	0	216597	50.0	48.1	
61 Tert-amyl methyl ether	87	5.460	5.460	0.000	89	94131	20.0	19.3	
62 Isopropyl acetate	61	5.479	5.479	0.000	92	49297	20.0	19.7	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	83	133386	20.0	19.0	
64 n-Heptane	43	5.570	5.570	0.000	87	186154	20.0	20.1	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	730051	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	92	150463	20.0	19.8	
66 n-Butanol	56	6.155	6.155	0.000	41	47330	500.0	432.5	
68 Methylcyclohexane	83	6.277	6.277	0.000	93	260136	20.0	21.1	
69 Ethyl acrylate	55	6.332	6.332	0.000	89	107159	20.0	20.0	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	93	123053	20.0	19.7	
* 71 1,4-Dioxane-d8	96	6.582	6.582	0.000	0	25998	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	81	52423	40.0	39.7	
73 1,4-Dioxane	88	6.649	6.649	0.000	37	21280	400.0	348.5	
74 Dibromomethane	93	6.649	6.649	0.000	91	69155	20.0	18.9	
75 n-Propyl acetate	43	6.704	6.704	0.000	95	100276	20.0	19.4	
76 Dichlorobromomethane	83	6.844	6.844	0.000	90	155110	20.0	18.9	
77 2-Nitropropane	41	7.204	7.204	0.000	94	34540	40.0	35.3	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	88	28170	20.0	19.4	
79 Epichlorohydrin	57	7.320	7.320	0.000	98	154728	400.0	375.4	
80 cis-1,3-Dichloropropene	75	7.369	7.369	0.000	83	196795	20.0	19.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.533	7.533	0.000	94	322314	100.0	95.2	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	0	956141	50.0	48.0	
83 Toluene	91	7.661	7.661	0.000	91	567051	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	92	161717	20.0	19.2	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	113137	20.0	19.4	
86 1,1,2-Trichloroethane	83	8.155	8.155	0.000	94	82914	20.0	19.6	
87 Tetrachloroethene	166	8.179	8.179	0.000	92	167107	20.0	19.8	
88 1,3-Dichloropropane	76	8.320	8.320	0.000	89	159598	20.0	19.2	
89 2-Hexanone	43	8.374	8.374	0.000	93	226710	100.0	94.8	
90 n-Butyl acetate	73	8.466	8.466	0.000	96	23515	20.0	18.6	
91 Chlorodibromomethane	129	8.496	8.496	0.000	95	118069	20.0	19.1	
92 Ethylene Dibromide	107	8.600	8.600	0.000	98	98531	20.0	19.3	
* 93 Chlorobenzene-d5	117	8.984	8.984	0.000	83	511466	50.0	50.0	
94 Chlorobenzene	112	9.015	9.015	0.000	96	364466	20.0	19.4	
95 Ethylbenzene	106	9.082	9.082	0.000	97	205929	20.0	20.1	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	56	125980	20.0	19.8	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	100	256055	20.0	20.2	
98 n-Butyl acrylate	73	9.496	9.496	0.000	97	65996	20.0	19.1	
99 o-Xylene	106	9.514	9.514	0.000	94	241771	20.0	20.3	
100 Styrene	104	9.539	9.539	0.000	96	395035	20.0	20.6	
101 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	93	124872	20.0	19.0	
102 Bromoform	173	9.710	9.710	0.000	95	74845	20.0	19.3	
103 Isopropylbenzene	105	9.801	9.801	0.000	95	656600	20.0	21.0	
$ 104 4-Bromofluorobenzene	174	9.966	9.966	0.000	0	318677	50.0	47.6	
105 Bromobenzene	156	10.069	10.069	0.000	94	156646	20.0	18.5	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	81	102287	20.0	18.6	
107 N-Propylbenzene	91	10.118	10.118	0.000	99	766579	20.0	20.5	
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	94	30199	20.0	18.8	
109 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	77	27818	20.0	19.0	
110 4-Ethyltoluene	105	10.209	10.209	0.000	86	643208	20.0	20.5	
111 2-Chlorotoluene	91	10.209	10.209	0.000	87	496153	20.0	20.1	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	90	526052	20.0	20.0	
113 4-Chlorotoluene	91	10.301	10.301	0.000	96	452999	20.0	19.7	
114 Butyl Methacrylate	87	10.325	10.325	0.000	85	127856	20.0	19.2	
115 tert-Butylbenzene	119	10.496	10.496	0.000	94	488801	20.0	20.3	
116 1,2,4-Trimethylbenzene	105	10.539	10.539	0.000	91	510618	20.0	19.8	
117 sec-Butylbenzene	105	10.654	10.654	0.000	95	736791	20.0	21.0	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	93	616311	20.0	20.6	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	98	305430	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	10.831	10.831	0.000	92	282171	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.843	10.843	0.000	90	301662	20.0	19.8	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	98	508973	20.0	20.0	
123 Benzyl chloride	126	10.953	10.953	0.000	96	44957	20.0	18.4	
124 2,3-Dihydroindene	117	11.002	11.002	0.000	90	542817	20.0	19.2	
125 p-Diethylbenzene	119	11.039	11.039	0.000	87	348366	20.0	20.3	
126 n-Butylbenzene	92	11.057	11.057	0.000	96	313400	20.0	20.6	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	97	268371	20.0	19.4	
128 1,2,4,5-Tetramethylbenzene	119	11.612	11.612	0.000	94	504022	20.0	19.6	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	90	19129	20.0	17.9	
130 1,3,5-Trichlorobenzene	180	11.831	11.831	0.000	97	214668	20.0	18.5	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	90	160988	20.0	18.4	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	93	119980	20.0	19.2	
133 Naphthalene	128	12.654	12.654	0.000	99	239317	20.0	17.6	
134 1,2,3-Trichlorobenzene	180	12.910	12.910	0.000	95	121204	20.0	17.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	38.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.8	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 138 Total BTEX	1				0		100.0	100.1	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00144	Amount Added:	2.00	Units: uL		
ACROLEIN W_00132	Amount Added:	3.00	Units: uL		
524freon_00043	Amount Added:	2.00	Units: uL		
GASES Li_00444	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 24-Oct-2021 22:29:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Injection Date: 22-Oct-2021 13:23:30 Instrument ID: CVOAMS4 Operator ID:

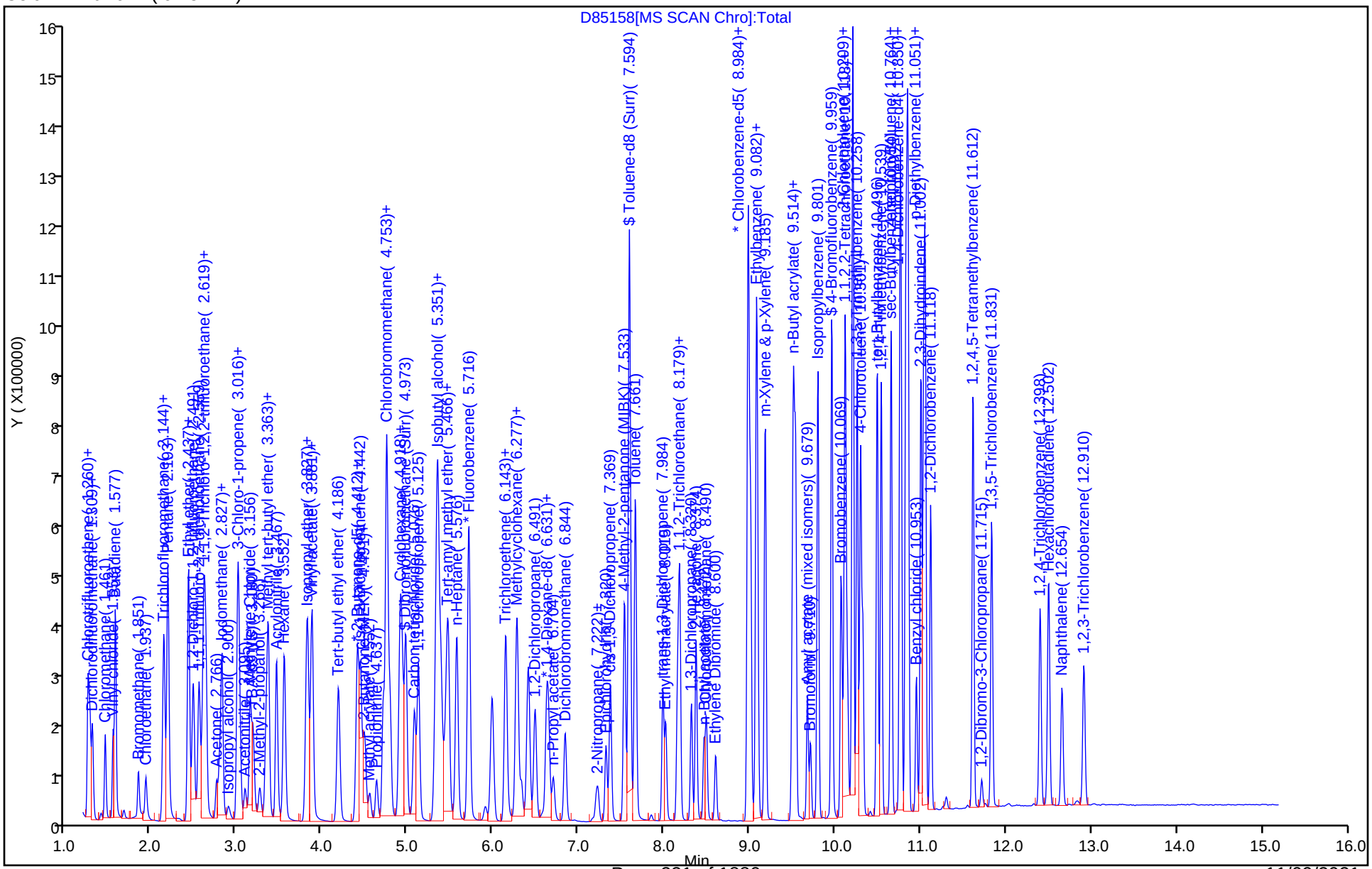
Lims ID: STD20 Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-808619/17 Calibration Date: 10/22/2021 14:08

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85160.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2470	0.1865		15.1	20.0	-24.5	30.0
1,1-Difluoroethane	Ave	0.2451	0.2211		18.0	20.0	-9.8	30.0
Dichlorodifluoromethane	Ave	0.6062	0.6172	0.1000	20.4	20.0	1.8	30.0
Chlorodifluoromethane	Ave	0.5655	0.5027		17.8	20.0	-11.1	30.0
Chloromethane	Ave	0.5086	0.5763	0.1000	22.7	20.0	13.3	30.0
Vinyl chloride	Ave	0.5776	0.6018	0.1000	20.8	20.0	4.2	30.0
Butadiene	Ave	0.5196	0.4961		19.1	20.0	-4.5	30.0
Bromomethane	Ave	3.390	2.547	0.1000	15.0	20.0	-24.9	30.0
Chloroethane	Lin2		0.2245	0.1000	17.5	20.0	-12.7	30.0
Trichlorofluoromethane	Ave	0.7231	0.6899	0.1000	19.1	20.0	-4.6	30.0
Dichlorofluoromethane	Ave	0.7669	0.7136		18.6	20.0	-7.0	30.0
Pentane	Ave	0.0782	0.0862		44.1	40.0	10.2	30.0
2-Methyl-1,3-butadiene	Ave	0.3650	0.3871		21.2	20.0	6.1	30.0
Ethanol	QuaF		0.0658		775	800	-3.1	30.0
Ethyl ether	Ave	0.2827	0.2678		18.9	20.0	-5.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4097	0.3734		18.2	20.0	-8.9	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6788	0.6454		19.0	20.0	-4.9	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4746	0.4748	0.1000	20.0	20.0	0.0	30.0
Acrolein	Ave	2.570	2.253		263	300	-12.3	30.0
1,1-Dichloroethene	Ave	0.4540	0.4242	0.1000	18.7	20.0	-6.6	30.0
Acetone	Qua2		1.099	0.0500	82.2	100	-17.8	30.0
Iodomethane	Ave	0.6536	0.5948		18.2	20.0	-9.0	30.0
Carbon disulfide	Ave	1.598	1.518	0.1000	19.0	20.0	-5.0	30.0
Isopropyl alcohol	Qua2		0.9197		179	200	-10.4	30.0
3-Chloro-1-propene	Ave	0.2713	0.2467		18.2	20.0	-9.1	30.0
Cyclopentene	Ave	1.064	1.082		20.3	20.0	1.6	30.0
Methyl acetate	Qua2		0.1815	0.1000	40.9	40.0	2.2	30.0
Acetonitrile	Ave	0.8228	0.6541		159	200	-20.5	30.0
Methylene Chloride	Ave	0.4765	0.4256	0.1000	17.9	20.0	-10.7	30.0
2-Methyl-2-propanol	Qua2		1.771		181	200	-9.7	30.0
Methyl tert-butyl ether	Ave	1.021	0.9374	0.1000	18.4	20.0	-8.2	30.0
trans-1,2-Dichloroethene	Ave	0.5047	0.4586	0.1000	18.2	20.0	-9.1	30.0
Acrylonitrile	Ave	5.668	4.836		171	200	-14.7	30.0
Hexane	Ave	0.6504	0.6490		20.0	20.0	-0.2	30.0
Isopropyl ether	Ave	1.074	1.058		19.7	20.0	-1.5	30.0
1,1-Dichloroethane	Ave	0.7950	0.7213	0.2000	18.1	20.0	-9.3	30.0
Vinyl acetate	Ave	0.0704	0.0587		33.4	40.0	-16.6	30.0
2-Chloro-1,3-butadiene	Ave	0.4231	0.4095		19.4	20.0	-3.2	30.0
Tert-butyl ethyl ether	Ave	1.110	1.085		19.5	20.0	-2.3	30.0

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SDG No.:

Lab Sample ID: ICV 460-808619/17 Calibration Date: 10/22/2021 14:08

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85160.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2288	0.2025		17.7	20.0	-11.5	30.0
cis-1,2-Dichloroethene	Ave	0.5452	0.4827	0.1000	17.7	20.0	-11.5	30.0
2-Butanone (MEK)	Ave	0.6701	0.5562	0.0500	83.0	100	-17.0	30.0
Ethyl acetate	Ave	0.6527	0.5738		35.2	40.0	-12.1	30.0
Methyl acrylate	Ave	0.2354	0.2300		19.5	20.0	-2.3	30.0
Propionitrile	Ave	0.6637	0.6019		181	200	-9.3	30.0
Chlorobromomethane	Ave	0.2466	0.2181		17.7	20.0	-11.5	30.0
Tetrahydrofuran	Qua2		0.6166		35.9	40.0	-10.2	30.0
Methacrylonitrile	Ave	0.1210	0.1178		195	200	-2.7	30.0
Chloroform	Ave	0.8009	0.7152	0.2000	17.9	20.0	-10.7	30.0
Cyclohexane	Ave	0.7113	0.7093	0.1000	19.9	20.0	-0.3	30.0
1,1,1-Trichloroethane	Ave	0.7146	0.6507	0.1000	18.2	20.0	-8.9	30.0
Carbon tetrachloride	Ave	0.6467	0.5986	0.1000	18.5	20.0	-7.4	30.0
1,1-Dichloropropene	Ave	0.6532	0.6192		19.0	20.0	-5.2	30.0
Isobutyl alcohol	Ave	1.184	1.096		463	500	-7.4	30.0
Benzene	Ave	2.553	2.425	0.5000	19.0	20.0	-5.0	30.0
Tert-amyl methyl ether	Ave	0.3333	0.3258		19.5	20.0	-2.3	30.0
1,2-Dichloroethane	Ave	0.4814	0.4254	0.1000	17.7	20.0	-11.6	30.0
Isopropyl acetate	Ave	0.1715	0.1697		19.8	20.0	-1.0	30.0
n-Heptane	Ave	0.6343	0.6147		19.4	20.0	-3.1	30.0
Trichloroethene	Ave	0.5201	0.4784	0.2000	18.4	20.0	-8.0	30.0
n-Butanol	Ave	0.4141	0.3722		449	500	-10.1	30.0
Methylcyclohexane	Ave	0.8448	0.8429	0.1000	20.0	20.0	-0.2	30.0
Ethyl acrylate	Ave	0.3669	0.3819		20.8	20.0	4.1	30.0
1,2-Dichloropropane	Ave	0.4273	0.3933	0.1000	18.4	20.0	-7.9	30.0
Methyl methacrylate	Ave	0.0904	0.0913		40.4	40.0	1.0	30.0
1,4-Dioxane	Ave	2.349	2.065		352	400	-12.1	30.0
Dibromomethane	Ave	0.2509	0.2249		17.9	20.0	-10.4	30.0
n-Propyl acetate	Ave	0.3544	0.3546		20.0	20.0	0.0	30.0
Dichlorobromomethane	Ave	0.5622	0.4994	0.2000	17.8	20.0	-11.2	30.0
2-Nitropropane	Ave	0.0671	0.0587		35.0	40.0	-12.5	30.0
2-Chloroethyl vinyl ether	Ave	0.0995	0.0931		18.7	20.0	-6.4	30.0
Epichlorohydrin	Ave	0.4719	0.4712		20.0	20.0	-0.1	30.0
cis-1,3-Dichloropropene	Ave	0.9823	0.8788	0.2000	17.9	20.0	-10.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.877	3.649	0.0500	94.1	100	-5.9	30.0
Toluene	Ave	2.836	2.579	0.4000	18.2	20.0	-9.0	30.0
trans-1,3-Dichloropropene	Ave	0.8223	0.7579	0.1000	18.4	20.0	-7.8	30.0
Ethyl methacrylate	Ave	0.3991	0.3753		18.8	20.0	-6.0	30.0
1,1,2-Trichloroethane	Ave	0.4127	0.3903	0.1000	18.9	20.0	-5.4	30.0
Tetrachloroethene	Ave	0.8237	0.7793	0.2000	18.9	20.0	-5.4	30.0
1,3-Dichloropropane	Ave	0.8119	0.7491		18.5	20.0	-7.7	30.0

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Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-808619/17 Calibration Date: 10/22/2021 14:08

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85160.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.739	2.559	0.0500	93.4	100	-6.6	30.0
n-Butyl acetate	Ave	0.1237	0.1178		19.0	20.0	-4.8	30.0
Chlorodibromomethane	Ave	0.6030	0.5553	0.1000	18.4	20.0	-7.9	30.0
Ethylene Dibromide	Ave	0.4980	0.4608	0.1000	18.5	20.0	-7.5	30.0
Chlorobenzene	Ave	1.838	1.692	0.5000	18.4	20.0	-8.0	30.0
Ethylbenzene	Ave	1.000	0.9329	0.1000	18.7	20.0	-6.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.6220	0.5836		18.8	20.0	-6.2	30.0
m-Xylene & p-Xylene	Ave	1.242	1.172	0.1000	18.9	20.0	-5.7	30.0
n-Butyl acrylate	Ave	0.3383	0.3271		19.3	20.0	-3.3	30.0
o-Xylene	Ave	1.164	1.102	0.3000	18.9	20.0	-5.3	30.0
Styrene	Ave	1.873	1.748	0.3000	18.7	20.0	-6.7	30.0
Amyl acetate (mixed isomers)	Ave	1.162	1.107		19.1	20.0	-4.7	30.0
Bromoform	Ave	0.3789	0.3558	0.1000	18.8	20.0	-6.1	30.0
Isopropylbenzene	Ave	3.061	2.983	0.1000	19.5	20.0	-2.6	30.0
Bromobenzene	Ave	1.503	1.312		17.5	20.0	-12.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9755	0.9199	0.3000	18.9	20.0	-5.7	30.0
N-Propylbenzene	Ave	6.612	6.250		18.9	20.0	-5.5	30.0
1,2,3-Trichloropropane	Ave	0.2841	0.2640		18.6	20.0	-7.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2588	0.2417		18.7	20.0	-6.6	30.0
2-Chlorotoluene	Ave	4.380	4.041		18.5	20.0	-7.7	30.0
4-Ethyltoluene	Ave	5.567	5.460		19.6	20.0	-1.9	30.0
1,3,5-Trimethylbenzene	Ave	4.652	4.378		18.8	20.0	-5.9	30.0
4-Chlorotoluene	Ave	4.076	3.784		18.6	20.0	-7.2	30.0
Butyl Methacrylate	Ave	1.177	1.144		19.4	20.0	-2.8	30.0
tert-Butylbenzene	Ave	4.265	4.092		19.2	20.0	-4.1	30.0
1,2,4-Trimethylbenzene	Ave	4.565	4.303		18.9	20.0	-5.7	30.0
sec-Butylbenzene	Ave	6.211	6.051		19.5	20.0	-2.6	30.0
4-Isopropyltoluene	Ave	5.292	5.089		19.2	20.0	-3.8	30.0
1,3-Dichlorobenzene	Ave	2.746	2.511	0.6000	18.3	20.0	-8.5	30.0
1,4-Dichlorobenzene	Ave	2.705	2.508	0.5000	18.5	20.0	-7.3	30.0
1,2,3-Trimethylbenzene	Ave	4.512	4.315		19.1	20.0	-4.4	30.0
Benzyl chloride	Ave	0.4334	0.3853		17.8	20.0	-11.1	30.0
Indan	Ave	1.932	1.887		19.5	20.0	-2.3	30.0
p-Diethylbenzene	Ave	3.044	3.448		22.7	20.0	13.3	30.0
n-Butylbenzene	Ave	2.701	2.575		19.1	20.0	-4.7	30.0
1,2-Dichlorobenzene	Ave	2.451	2.293	0.4000	18.7	20.0	-6.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	4.561	4.417		19.4	20.0	-3.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1889	0.1802	0.0500	19.1	20.0	-4.6	30.0
1,3,5-Trichlorobenzene	Ave	2.057	1.871		18.2	20.0	-9.0	30.0
1,2,4-Trichlorobenzene	Ave	1.554	1.488	0.2000	19.2	20.0	-4.2	30.0
Hexachlorobutadiene	Ave	1.109	1.006		18.1	20.0	-9.3	30.0

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SDG No.:

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Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85160.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.410	2.602		21.6	20.0	8.0	30.0
1,2,3-Trichlorobenzene	Ave	1.201	1.226		20.4	20.0	2.1	30.0
Monochloropentafluoroethane	None				3.40	20.0	-100.0*	30.0
Dibromofluoromethane (Surr)	Ave	0.3693	0.3247		44.0	50.0	-12.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3086	0.2699		43.7	50.0	-12.5	30.0
Toluene-d8 (Surr)	Ave	1.947	1.714		44.0	50.0	-11.9	30.0
4-Bromofluorobenzene	Ave	1.185	1.012		42.7	50.0	-14.6	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85160.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-Oct-2021 14:08:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0136415-017
Operator ID: Instrument ID: CVOAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 24-Oct-2021 22:30:59 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1680

First Level Reviewer: baronm Date: 24-Oct-2021 22:18:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	89	55598	20.0	15.1	
3 1,1-Difluoroethane	65	1.266	1.266	0.000	93	65909	20.0	18.0	
4 Dichlorodifluoromethane	85	1.284	1.284	0.000	99	183961	20.0	20.4	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	97	149834	20.0	17.8	
6 Chloromethane	50	1.461	1.461	0.000	99	171785	20.0	22.7	
8 Vinyl chloride	62	1.552	1.553	-0.001	98	179376	20.0	20.8	
7 Butadiene	54	1.577	1.577	0.000	95	147869	20.0	19.1	
9 Bromomethane	94	1.845	1.851	-0.006	98	46930	20.0	15.0	
10 Chloroethane	64	1.937	1.937	0.000	100	66905	20.0	17.5	
13 Trichlorofluoromethane	101	2.138	2.138	0.000	98	205633	20.0	19.1	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	98	212702	20.0	18.6	
12 Pentane	72	2.193	2.193	0.000	94	51371	40.0	44.1	
15 Ethanol	46	2.436	2.430	0.006	61	14458	800.0	775.2	
14 Ethyl ether	59	2.436	2.430	0.006	86	79815	20.0	18.9	
16 2-Methyl-1,3-butadiene	53	2.436	2.437	-0.001	95	115399	20.0	21.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.491	2.491	0.000	87	111312	20.0	18.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.558	2.559	0.000	94	192369	20.0	19.0	
20 112TCTFE	101	2.607	2.607	0.000	98	141527	20.0	20.0	
19 Acrolein	56	2.619	2.619	0.000	96	185736	300.4	263.3	
21 1,1-Dichloroethene	96	2.638	2.638	0.000	97	126434	20.0	18.7	
22 Acetone	43	2.766	2.766	0.000	87	101208	100.0	82.2	
23 Iodomethane	142	2.802	2.802	0.000	97	177297	20.0	18.2	
24 Carbon disulfide	76	2.827	2.827	0.000	98	452531	20.0	19.0	
25 Isopropyl alcohol	45	2.906	2.900	0.006	98	50489	200.0	179.2	
26 3-Chloro-1-propene	76	3.010	3.010	0.000	87	73529	20.0	18.2	
28 Cyclopentene	67	3.022	3.022	0.000	95	322427	20.0	20.3	
27 Methyl acetate	43	3.040	3.040	0.000	98	108230	40.0	40.9	
29 Acetonitrile	40	3.095	3.095	0.000	98	35908	200.0	159.0	
30 Methylene Chloride	84	3.156	3.156	0.000	86	126853	20.0	17.9	
* 31 TBA-d9 (IS)	65	3.192	3.186	0.006	0	274480	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.272	3.266	0.006	99	97247	200.0	180.5	
33 Methyl tert-butyl ether	73	3.345	3.345	0.000	96	279425	20.0	18.4	
34 trans-1,2-Dichloroethene	96	3.369	3.369	0.000	92	136689	20.0	18.2	
35 Acrylonitrile	53	3.467	3.467	0.000	94	265473	200.0	170.6	
36 Hexane	57	3.558	3.552	0.006	90	193457	20.0	20.0	
37 Isopropyl ether	45	3.820	3.814	0.006	96	315320	20.0	19.7	
38 1,1-Dichloroethane	63	3.833	3.833	0.000	99	214994	20.0	18.1	
39 Vinyl acetate	86	3.875	3.875	0.000	99	35007	40.0	33.4	
40 2-Chloro-1,3-butadiene	88	3.881	3.881	0.000	88	122077	20.0	19.4	
41 Tert-butyl ethyl ether	59	4.186	4.186	0.000	90	323351	20.0	19.5	
43 2,2-Dichloropropane	79	4.406	4.406	0.000	90	60357	20.0	17.7	
* 42 2-Butanone-d5	46	4.418	4.418	0.000	95	230279	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.448	4.448	0.000	97	143874	20.0	17.7	
45 2-Butanone (MEK)	72	4.485	4.485	0.000	99	51236	100.0	83.0	
46 Ethyl acetate	70	4.503	4.503	0.000	96	21141	40.0	35.2	
47 Methyl acrylate	55	4.558	4.558	0.000	100	68546	20.0	19.5	
48 Propionitrile	54	4.637	4.637	0.000	99	110878	200.0	181.4	
49 Chlorobromomethane	128	4.717	4.717	0.000	72	65023	20.0	17.7	
50 Tetrahydrofuran	72	4.717	4.717	0.000	72	22718	40.0	35.9	
51 Methacrylonitrile	67	4.753	4.753	0.000	89	351008	200.0	194.6	
52 Chloroform	83	4.790	4.790	0.000	100	213172	20.0	17.9	
53 Cyclohexane	84	4.912	4.912	0.000	87	211432	20.0	19.9	
54 1,1,1-Trichloroethane	97	4.936	4.936	0.000	98	193960	20.0	18.2	
$ 55 Dibromofluoromethane (Surr)	113	4.979	4.979	0.000	98	241956	50.0	44.0	
56 Carbon tetrachloride	117	5.076	5.076	0.000	96	178428	20.0	18.5	
57 1,1-Dichloropropene	75	5.125	5.125	0.000	98	184567	20.0	19.0	
58 Isobutyl alcohol	43	5.338	5.338	0.000	93	150455	500.0	463.0	
59 Benzene	78	5.357	5.357	0.000	95	506055	20.0	19.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.387	5.387	0.000	96	201107	50.0	43.7	
61 Tert-amyl methyl ether	87	5.460	5.460	0.000	92	97117	20.0	19.5	
62 Isopropyl acetate	61	5.479	5.479	0.000	96	50584	20.0	19.8	
63 1,2-Dichloroethane	62	5.479	5.479	0.000	96	126807	20.0	17.7	
64 n-Heptane	43	5.576	5.570	0.006	87	183220	20.0	19.4	
* 65 Fluorobenzene	96	5.716	5.716	0.000	99	745192	50.0	50.0	
67 Trichloroethene	95	6.143	6.143	0.000	96	142608	20.0	18.4	
66 n-Butanol	56	6.155	6.155	0.000	84	51078	500.0	449.4	
68 Methylcyclohexane	83	6.277	6.277	0.000	93	251255	20.0	20.0	
69 Ethyl acrylate	55	6.332	6.332	0.000	98	113829	20.0	20.8	
70 1,2-Dichloropropane	63	6.491	6.491	0.000	93	117246	20.0	18.4	
* 71 1,4-Dioxane-d8	96	6.582	6.582	0.000	0	25934	1000.0	1000.0	
72 Methyl methacrylate	100	6.625	6.625	0.000	83	54402	40.0	40.4	
73 1,4-Dioxane	88	6.649	6.649	0.000	38	21421	400.0	351.7	
74 Dibromomethane	93	6.649	6.649	0.000	94	67033	20.0	17.9	
75 n-Propyl acetate	43	6.704	6.704	0.000	96	105706	20.0	20.0	
76 Dichlorobromomethane	83	6.844	6.844	0.000	98	148845	20.0	17.8	
77 2-Nitropropane	41	7.210	7.204	0.006	98	34981	40.0	35.0	
78 2-Chloroethyl vinyl ether	63	7.228	7.228	0.000	93	27744	20.0	18.7	
79 Epichlorohydrin	57	7.326	7.320	0.006	98	8681	20.0	20.0	
80 cis-1,3-Dichloropropene	75	7.375	7.369	0.006	89	183387	20.0	17.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.539	7.533	0.006	94	336095	100.0	94.1	
$ 82 Toluene-d8 (Surr)	98	7.594	7.594	0.000	99	894243	50.0	44.0	
83 Toluene	91	7.667	7.661	0.006	93	538251	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.984	7.984	0.000	93	158156	20.0	18.4	
85 Ethyl methacrylate	69	8.021	8.021	0.000	86	111869	20.0	18.8	
86 1,1,2-Trichloroethane	83	8.161	8.155	0.006	97	81451	20.0	18.9	
87 Tetrachloroethene	166	8.179	8.179	0.000	97	162612	20.0	18.9	
88 1,3-Dichloropropane	76	8.319	8.320	-0.001	90	156323	20.0	18.5	
89 2-Hexanone	43	8.374	8.374	0.000	93	235729	100.0	93.4	
90 n-Butyl acetate	73	8.466	8.466	0.000	96	24575	20.0	19.0	
91 Chlorodibromomethane	129	8.496	8.496	0.000	98	115870	20.0	18.4	
92 Ethylene Dibromide	107	8.606	8.600	0.006	98	96152	20.0	18.5	
* 93 Chlorobenzene-d5	117	8.990	8.984	0.006	84	521672	50.0	50.0	
94 Chlorobenzene	112	9.014	9.015	-0.001	97	353015	20.0	18.4	
95 Ethylbenzene	106	9.082	9.082	0.000	97	194672	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	9.094	9.094	0.000	97	121786	20.0	18.8	
97 m-Xylene & p-Xylene	106	9.185	9.185	0.000	100	244541	20.0	18.9	
98 n-Butyl acrylate	73	9.496	9.496	0.000	98	68262	20.0	19.3	
99 o-Xylene	106	9.514	9.514	0.000	95	230054	20.0	18.9	
100 Styrene	104	9.539	9.539	0.000	97	364671	20.0	18.7	
101 Amyl acetate (mixed isomers)	43	9.679	9.679	0.000	93	128814	20.0	19.1	
102 Bromoform	173	9.716	9.710	0.006	99	74234	20.0	18.8	
103 Isopropylbenzene	105	9.801	9.801	0.000	95	622376	20.0	19.5	
$ 104 4-Bromofluorobenzene	174	9.965	9.966	-0.001	0	294340	50.0	42.7	
105 Bromobenzene	156	10.075	10.069	0.006	93	152620	20.0	17.5	
106 1,1,2,2-Tetrachloroethane	83	10.100	10.100	0.000	97	107044	20.0	18.9	
107 N-Propylbenzene	91	10.118	10.118	0.000	100	727228	20.0	18.9	
108 1,2,3-Trichloropropane	110	10.142	10.142	0.000	97	30714	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	10.148	10.148	0.000	87	28119	20.0	18.7	
110 4-Ethyltoluene	105	10.209	10.209	0.000	91	635337	20.0	19.6	
111 2-Chlorotoluene	91	10.209	10.209	0.000	97	470278	20.0	18.5	
112 1,3,5-Trimethylbenzene	105	10.258	10.258	0.000	96	509461	20.0	18.8	
113 4-Chlorotoluene	91	10.301	10.301	0.000	96	440267	20.0	18.6	
114 Butyl Methacrylate	87	10.325	10.325	0.000	85	133096	20.0	19.4	
115 tert-Butylbenzene	119	10.496	10.496	0.000	95	476153	20.0	19.2	
116 1,2,4-Trimethylbenzene	105	10.539	10.539	0.000	96	500655	20.0	18.9	
117 sec-Butylbenzene	105	10.654	10.654	0.000	99	704064	20.0	19.5	
118 4-Isopropyltoluene	119	10.758	10.758	0.000	98	592167	20.0	19.2	
119 1,3-Dichlorobenzene	146	10.776	10.776	0.000	97	292172	20.0	18.3	
* 120 1,4-Dichlorobenzene-d4	152	10.831	10.831	0.000	93	290906	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.849	10.843	0.006	95	291798	20.0	18.5	
122 1,2,3-Trimethylbenzene	105	10.856	10.856	0.000	98	502076	20.0	19.1	
123 Benzyl chloride	126	10.953	10.953	0.000	100	44837	20.0	17.8	
124 2,3-Dihydroindene	117	11.008	11.002	0.006	94	562395	20.0	19.5	
125 p-Diethylbenzene	119	11.038	11.039	-0.001	95	401191	20.0	22.7	
126 n-Butylbenzene	92	11.057	11.057	0.000	97	299617	20.0	19.1	
127 1,2-Dichlorobenzene	146	11.118	11.118	0.000	98	266833	20.0	18.7	
128 1,2,4,5-Tetramethylbenzene	119	11.618	11.612	0.006	97	514021	20.0	19.4	
129 1,2-Dibromo-3-Chloropropane	157	11.715	11.715	0.000	93	20969	20.0	19.1	
130 1,3,5-Trichlorobenzene	180	11.837	11.831	0.006	97	217716	20.0	18.2	
131 1,2,4-Trichlorobenzene	180	12.398	12.398	0.000	94	173126	20.0	19.2	
132 Hexachlorobutadiene	225	12.502	12.502	0.000	98	117018	20.0	18.1	
133 Naphthalene	128	12.654	12.654	0.000	99	302830	20.0	21.6	
134 1,2,3-Trichlorobenzene	180	12.916	12.910	0.006	96	142707	20.0	20.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.3	
S 137 Xylenes, Total	100				0		40.0	37.8	
S 138 Total BTEX	1				0		100.0	93.7	

QC Flag Legend

Processing Flags

Reagents:

8260 SP_00145	Amount Added:	2.00	Units: uL		
8FreonsSS_00037	Amount Added:	2.00	Units: uL		
ACROLEIN SP_00130	Amount Added:	3.00	Units: uL		
GAS C SP_00432	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 24-Oct-2021 22:31:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85160.D

Injection Date: 22-Oct-2021 14:08:30 Instrument ID: CVOAMS4 Operator ID:

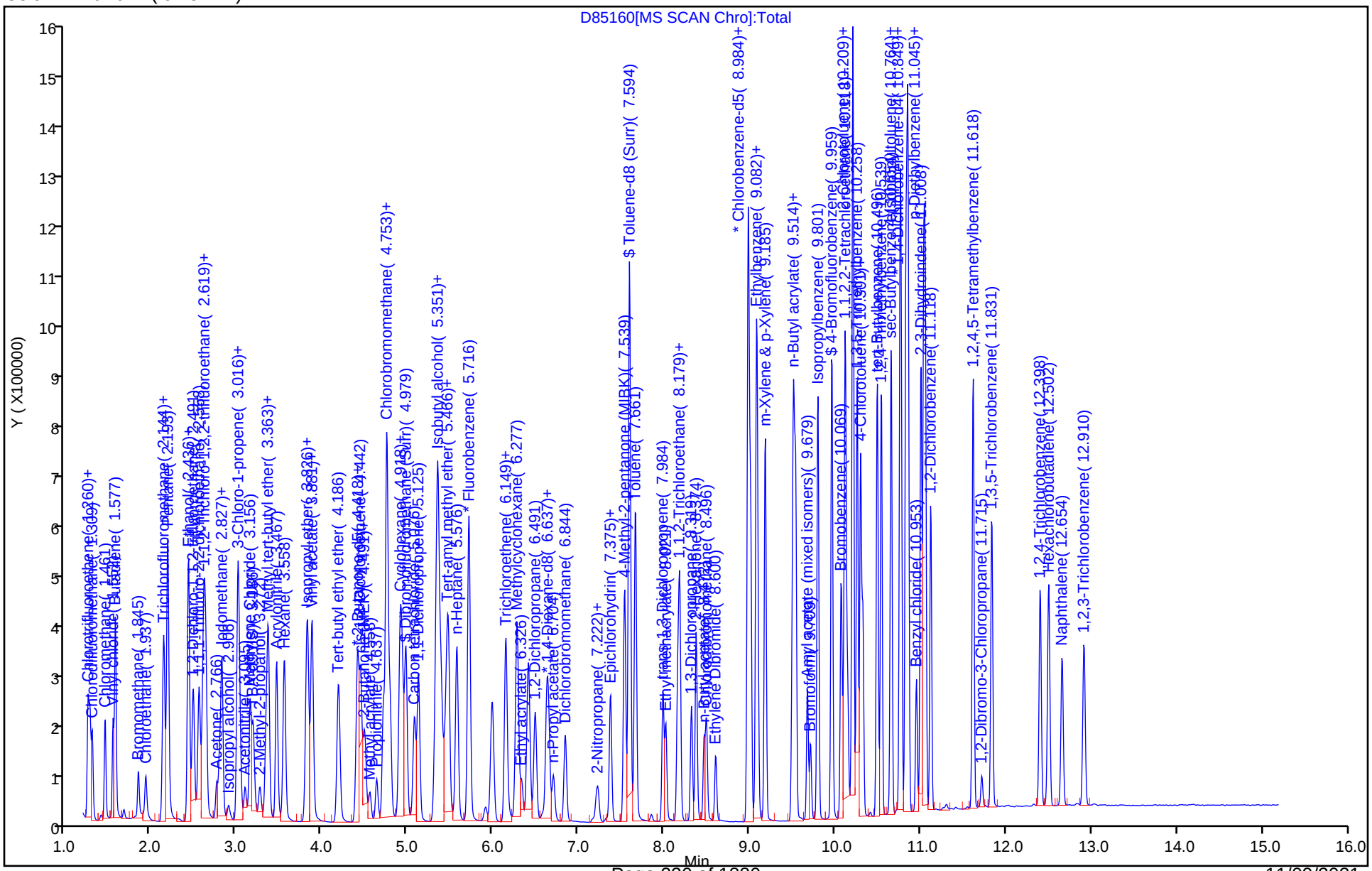
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810773/2 Calibration Date: 11/02/2021 06:56

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85498.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2470	0.2102		17.0	20.0	-14.9	20.0
1,1-Difluoroethane	Ave	0.2451	0.2380		19.4	20.0	-2.9	20.0
Dichlorodifluoromethane	Ave	0.6062	0.6194	0.1000	20.4	20.0	2.2	20.0
Chlorodifluoromethane	Ave	0.5655	0.5601		19.8	20.0	-1.0	20.0
Chloromethane	Ave	0.5086	0.5717	0.1000	22.5	20.0	12.4	20.0
Vinyl chloride	Ave	0.5776	0.6139	0.1000	21.3	20.0	6.3	20.0
Butadiene	Ave	0.5196	0.5663		21.8	20.0	9.0	20.0
Bromomethane	Ave	3.390	3.724	0.1000	22.0	20.0	9.9	50.0
Chloroethane	Lin2		0.3212	0.1000	24.8	20.0	24.0	50.0
Trichlorofluoromethane	Ave	0.7231	0.6789	0.1000	18.8	20.0	-6.1	20.0
Dichlorofluoromethane	Ave	0.7669	0.7531		19.6	20.0	-1.8	20.0
Pentane	Ave	0.0782	0.0865		44.3	40.0	10.7	20.0
Ethanol	QuaF		0.0672		791	800	-1.1	50.0
Ethyl ether	Ave	0.2827	0.2859		20.2	20.0	1.1	20.0
2-Methyl-1,3-butadiene	Ave	0.3650	0.3733		20.5	20.0	2.3	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4097	0.3892		19.0	20.0	-5.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6788	0.6788		20.0	20.0	0.0	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4746	0.4850	0.1000	20.4	20.0	2.2	20.0
Acrolein	Ave	2.570	1.985		235	304	-22.7	50.0
1,1-Dichloroethene	Ave	0.4540	0.4362	0.1000	19.2	20.0	-3.9	20.0
Acetone	Qua2		1.089	0.0500	81.5	100	-18.5	50.0
Iodomethane	Ave	0.6536	0.5679		17.4	20.0	-13.1	20.0
Carbon disulfide	Ave	1.598	1.668	0.1000	20.9	20.0	4.4	50.0
Isopropyl alcohol	Qua2		0.8425		164	200	-18.1	50.0
3-Chloro-1-propene	Ave	0.2713	0.2654		19.6	20.0	-2.2	20.0
Cyclopentene	Ave	1.064	1.106		20.8	20.0	3.9	20.0
Methyl acetate	Qua2		0.1948	0.1000	44.0	40.0	9.9	20.0
Acetonitrile	Ave	0.8228	0.6077		148	200	-26.1*	20.0
Methylene Chloride	Ave	0.4765	0.4437	0.1000	18.6	20.0	-6.9	20.0
2-Methyl-2-propanol	Qua2		1.634		166	200	-17.0	50.0
Methyl tert-butyl ether	Ave	1.021	0.9343	0.1000	18.3	20.0	-8.5	20.0
trans-1,2-Dichloroethene	Ave	0.5047	0.4716	0.1000	18.7	20.0	-6.6	20.0
Acrylonitrile	Ave	5.668	4.492		158	200	-20.8*	20.0
Hexane	Ave	0.6504	0.7118		21.9	20.0	9.4	20.0
Isopropyl ether	Ave	1.074	1.089		20.3	20.0	1.4	20.0
1,1-Dichloroethane	Ave	0.7950	0.7465	0.2000	18.8	20.0	-6.1	20.0
Vinyl acetate	Ave	0.0704	0.0672		38.2	40.0	-4.6	20.0
2-Chloro-1,3-butadiene	Ave	0.4231	0.4034		19.1	20.0	-4.6	20.0
Tert-butyl ethyl ether	Ave	1.110	1.019		18.4	20.0	-8.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810773/2 Calibration Date: 11/02/2021 06:56

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85498.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2288	0.1872		16.4	20.0	-18.2	20.0
cis-1,2-Dichloroethene	Ave	0.5452	0.4866	0.1000	17.8	20.0	-10.8	20.0
2-Butanone (MEK)	Ave	0.6701	0.4980	0.0500	74.3	100	-25.7	50.0
Ethyl acetate	Ave	0.6527	0.4503		27.6	40.0	-31.0*	20.0
Methyl acrylate	Ave	0.2354	0.2447		20.8	20.0	4.0	20.0
Propionitrile	Ave	0.6637	0.5340		161	200	-19.5	20.0
Chlorobromomethane	Ave	0.2466	0.2162		17.5	20.0	-12.3	20.0
Tetrahydrofuran	Qua2		0.5449		31.6	40.0	-21.0*	20.0
Methacrylonitrile	Ave	0.1210	0.1221		202	200	0.9	20.0
Chloroform	Ave	0.8009	0.7018	0.2000	17.5	20.0	-12.4	20.0
Cyclohexane	Ave	0.7113	0.7106	0.1000	20.0	20.0	-0.1	50.0
1,1,1-Trichloroethane	Ave	0.7146	0.6153	0.1000	17.2	20.0	-13.9	20.0
Carbon tetrachloride	Ave	0.6467	0.5464	0.1000	16.9	20.0	-15.5	20.0
1,1-Dichloropropene	Ave	0.6532	0.6057		18.5	20.0	-7.3	20.0
Isobutyl alcohol	Ave	1.184	0.9658		408	500	-18.4	50.0
Benzene	Ave	2.553	2.285	0.5000	17.9	20.0	-10.5	20.0
Tert-amyl methyl ether	Ave	0.3333	0.2960		17.8	20.0	-11.2	20.0
1,2-Dichloroethane	Ave	0.4814	0.3852	0.1000	16.0	20.0	-20.0	20.0
Isopropyl acetate	Ave	0.1715	0.1618		18.9	20.0	-5.6	20.0
n-Heptane	Ave	0.6343	0.6975		22.0	20.0	10.0	20.0
Trichloroethene	Ave	0.5201	0.4628	0.2000	17.8	20.0	-11.0	20.0
n-Butanol	Ave	0.4141	0.3151		381	500	-23.9	50.0
Methylcyclohexane	Ave	0.8448	0.8283	0.1000	19.6	20.0	-2.0	50.0
Ethyl acrylate	Ave	0.3669	0.3679		20.1	20.0	0.3	20.0
1,2-Dichloropropane	Ave	0.4273	0.3966	0.1000	18.6	20.0	-7.2	20.0
Methyl methacrylate	Ave	0.0904	0.0811		35.9	40.0	-10.3	20.0
1,4-Dioxane	Ave	2.349	1.801		307	400	-23.3	50.0
Dibromomethane	Ave	0.2509	0.2207		17.6	20.0	-12.0	20.0
n-Propyl acetate	Ave	0.3544	0.3529		19.9	20.0	-0.4	20.0
Dichlorobromomethane	Ave	0.5622	0.4723	0.2000	16.8	20.0	-16.0	20.0
2-Nitropropane	Ave	0.0671	0.0507		30.3	40.0	-24.3*	20.0
2-Chloroethyl vinyl ether	Ave	0.0995	0.0967		19.5	20.0	-2.8	20.0
Epichlorohydrin	Ave	0.4719	0.3701		314	400	-21.6*	20.0
cis-1,3-Dichloropropene	Ave	0.9823	0.8151	0.2000	16.6	20.0	-17.0	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.877	3.145	0.0500	81.1	100	-18.9	50.0
Toluene	Ave	2.836	2.377	0.4000	16.8	20.0	-16.2	20.0
trans-1,3-Dichloropropene	Ave	0.8223	0.6700	0.1000	16.3	20.0	-18.5	50.0
Ethyl methacrylate	Ave	0.3991	0.3678		18.4	20.0	-7.9	20.0
1,1,2-Trichloroethane	Ave	0.4127	0.3633	0.1000	17.6	20.0	-12.0	20.0
Tetrachloroethene	Ave	0.8237	0.6720	0.2000	16.3	20.0	-18.4	20.0
1,3-Dichloropropane	Ave	0.8119	0.6808		16.8	20.0	-16.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810773/2 Calibration Date: 11/02/2021 06:56

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85498.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.739	2.225	0.0500	81.2	100	-18.8	50.0
n-Butyl acetate	Ave	0.1237	0.1114		18.0	20.0	-9.9	20.0
Chlorodibromomethane	Ave	0.6030	0.4658	0.1000	15.5	20.0	-22.7	50.0
Ethylene Dibromide	Ave	0.4980	0.4144	0.1000	16.6	20.0	-16.8	20.0
Chlorobenzene	Ave	1.838	1.495	0.5000	16.3	20.0	-18.6	20.0
Ethylbenzene	Ave	1.000	0.8234	0.1000	16.5	20.0	-17.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6220	0.5062		16.3	20.0	-18.6	20.0
m-Xylene & p-Xylene	Ave	1.242	1.032	0.1000	16.6	20.0	-16.9	20.0
n-Butyl acrylate	Ave	0.3383	0.2906		17.2	20.0	-14.1	20.0
o-Xylene	Ave	1.164	0.9579	0.3000	16.5	20.0	-17.7	20.0
Styrene	Ave	1.873	1.580	0.3000	16.9	20.0	-15.6	20.0
Amyl acetate (mixed isomers)	Ave	1.162	1.089		18.7	20.0	-6.3	20.0
Bromoform	Ave	0.3789	0.3021	0.1000	15.9	20.0	-20.3*	20.0
Isopropylbenzene	Ave	3.061	2.654	0.1000	17.3	20.0	-13.3	20.0
Bromobenzene	Ave	1.503	1.224		16.3	20.0	-18.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9755	0.9492	0.3000	19.5	20.0	-2.7	20.0
N-Propylbenzene	Ave	6.612	6.156		18.6	20.0	-6.9	20.0
1,2,3-Trichloropropane	Ave	0.2841	0.2557		18.0	20.0	-10.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2588	0.2307		17.8	20.0	-10.9	20.0
2-Chlorotoluene	Ave	4.380	3.851		17.6	20.0	-12.1	20.0
4-Ethyltoluene	Ave	5.567	4.940		17.7	20.0	-11.3	20.0
1,3,5-Trimethylbenzene	Ave	4.652	4.026		17.3	20.0	-13.5	20.0
4-Chlorotoluene	Ave	4.076	3.529		17.3	20.0	-13.4	20.0
Butyl Methacrylate	Ave	1.177	1.047		17.8	20.0	-11.0	20.0
tert-Butylbenzene	Ave	4.265	3.756		17.6	20.0	-11.9	20.0
1,2,4-Trimethylbenzene	Ave	4.565	3.949		17.3	20.0	-13.5	20.0
sec-Butylbenzene	Ave	6.211	5.909		19.0	20.0	-4.9	20.0
4-Isopropyltoluene	Ave	5.292	4.750		18.0	20.0	-10.2	20.0
1,3-Dichlorobenzene	Ave	2.746	2.370	0.6000	17.3	20.0	-13.7	20.0
1,4-Dichlorobenzene	Ave	2.705	2.342	0.5000	17.3	20.0	-13.4	20.0
1,2,3-Trimethylbenzene	Ave	4.512	3.925		17.4	20.0	-13.0	20.0
Benzyl chloride	Ave	0.4334	0.3665		16.9	20.0	-15.4	50.0
Indan	Ave	1.932	1.585		16.4	20.0	-17.9	20.0
p-Diethylbenzene	Ave	3.044	2.720		17.9	20.0	-10.6	20.0
n-Butylbenzene	Ave	2.701	2.617		19.4	20.0	-3.1	20.0
1,2-Dichlorobenzene	Ave	2.451	2.142	0.4000	17.5	20.0	-12.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.561	3.955		17.3	20.0	-13.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1889	0.1710	0.0500	18.1	20.0	-9.5	50.0
1,3,5-Trichlorobenzene	Ave	2.057	1.724		16.8	20.0	-16.2	20.0
1,2,4-Trichlorobenzene	Ave	1.554	1.357	0.2000	17.5	20.0	-12.6	20.0
Hexachlorobutadiene	Ave	1.109	0.8600		15.5	20.0	-22.4*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810773/2 Calibration Date: 11/02/2021 06:56

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85498.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.410	2.343		19.4	20.0	-2.8	50.0
1,2,3-Trichlorobenzene	Ave	1.201	1.115		18.6	20.0	-7.1	20.0
Dibromofluoromethane (Surr)	Ave	0.3693	0.3545		48.0	50.0	-4.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3086	0.2780		45.0	50.0	-9.9	20.0
Toluene-d8 (Surr)	Ave	1.947	1.703		43.8	50.0	-12.5	20.0
4-Bromofluorobenzene	Ave	1.185	1.085		45.8	50.0	-8.5	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85498.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Nov-2021 06:56:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0136960-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 12:16:53 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: delpolitov Date: 02-Nov-2021 12:16:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.254	1.254	0.000	0	57633	20.0	17.0	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	0	65275	20.0	19.4	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	0	169857	20.0	20.4	
5 Chlorodifluoromethane	51	1.309	1.309	0.000	0	153606	20.0	19.8	
6 Chloromethane	50	1.455	1.455	0.000	0	156788	20.0	22.5	
8 Vinyl chloride	62	1.547	1.547	0.000	0	168351	20.0	21.3	
7 Butadiene	54	1.571	1.571	0.000	0	155289	20.0	21.8	
9 Bromomethane	94	1.845	1.845	0.000	0	75377	20.0	22.0	
10 Chloroethane	64	1.943	1.943	0.000	0	88083	20.0	24.8	
13 Trichlorofluoromethane	101	2.144	2.144	0.000	0	186173	20.0	18.8	
11 Dichlorofluoromethane	67	2.150	2.150	0.000	0	206515	20.0	19.6	
12 Pentane	72	2.193	2.193	0.000	0	47440	40.0	44.3	
15 Ethanol	46	2.406	2.406	0.000	0	16586	800.0	791.1	
14 Ethyl ether	59	2.424	2.424	0.000	0	78408	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	2.431	2.431	0.000	0	102369	20.0	20.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.485	2.485	0.000	0	106736	20.0	19.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.552	2.552	0.000	0	186162	20.0	20.0	
20 112TCTFE	101	2.601	2.601	0.000	0	133003	20.0	20.4	
19 Acrolein	56	2.607	2.607	0.000	0	186357	304.2	235.0	
21 1,1-Dichloroethene	96	2.632	2.632	0.000	0	119627	20.0	19.2	
22 Acetone	43	2.748	2.748	0.000	0	110208	100.0	81.5	
23 Iodomethane	142	2.790	2.790	0.000	0	155747	20.0	17.4	
24 Carbon disulfide	76	2.821	2.821	0.000	0	457466	20.0	20.9	
25 Isopropyl alcohol	45	2.882	2.882	0.000	0	52000	200.0	163.7	
26 3-Chloro-1-propene	76	2.997	2.997	0.000	0	72790	20.0	19.6	
28 Cyclopentene	67	3.010	3.010	0.000	0	303384	20.0	20.8	
27 Methyl acetate	43	3.028	3.028	0.000	0	106848	40.0	44.0	
29 Acetonitrile	40	3.083	3.083	0.000	99	37509	200.0	147.7	
30 Methylene Chloride	84	3.144	3.144	0.000	0	121689	20.0	18.6	
* 31 TBA-d9 (IS)	65	3.168	3.168	0.000	0	308591	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.247	3.247	0.000	0	100821	200.0	166.0	
33 Methyl tert-butyl ether	73	3.333	3.333	0.000	0	256223	20.0	18.3	
34 trans-1,2-Dichloroethene	96	3.357	3.357	0.000	0	129334	20.0	18.7	
35 Acrylonitrile	53	3.449	3.449	0.000	0	277228	200.0	158.5	
36 Hexane	57	3.546	3.546	0.000	0	195195	20.0	21.9	
37 Isopropyl ether	45	3.802	3.802	0.000	0	298734	20.0	20.3	
38 1,1-Dichloroethane	63	3.820	3.820	0.000	0	204727	20.0	18.8	
39 Vinyl acetate	86	3.857	3.857	0.000	0	36832	40.0	38.2	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	110630	20.0	19.1	
41 Tert-butyl ethyl ether	59	4.174	4.174	0.000	0	279581	20.0	18.4	
43 2,2-Dichloropropane	79	4.394	4.394	0.000	0	51328	20.0	16.4	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	252989	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.436	4.436	0.000	0	133435	20.0	17.8	
45 2-Butanone (MEK)	72	4.467	4.467	0.000	0	50395	100.0	74.3	
46 Ethyl acetate	70	4.485	4.485	0.000	98	18227	40.0	27.6	
47 Methyl acrylate	55	4.540	4.540	0.000	0	67116	20.0	20.8	
48 Propionitrile	54	4.619	4.619	0.000	0	108069	200.0	160.9	
49 Chlorobromomethane	128	4.698	4.698	0.000	0	59302	20.0	17.5	
50 Tetrahydrofuran	72	4.698	4.698	0.000	73	22058	40.0	31.6	
51 Methacrylonitrile	67	4.735	4.735	0.000	0	334782	200.0	201.7	
52 Chloroform	83	4.778	4.778	0.000	100	192464	20.0	17.5	
53 Cyclohexane	84	4.900	4.900	0.000	0	194862	20.0	20.0	
54 1,1,1-Trichloroethane	97	4.924	4.924	0.000	0	168739	20.0	17.2	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.000	0	243010	50.0	48.0	
56 Carbon tetrachloride	117	5.064	5.064	0.000	0	149830	20.0	16.9	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	166114	20.0	18.5	
58 Isobutyl alcohol	43	5.320	5.320	0.000	0	149022	500.0	407.9	
59 Benzene	78	5.338	5.338	0.000	0	461271	20.0	17.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	190583	50.0	45.0	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	81183	20.0	17.8	
62 Isopropyl acetate	61	5.460	5.460	0.000	0	44376	20.0	18.9	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	97	105628	20.0	16.0	
64 n-Heptane	43	5.558	5.558	0.000	0	191278	20.0	22.0	
* 65 Fluorobenzene	96	5.698	5.698	0.000	0	685595	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	126912	20.0	17.8	
66 n-Butanol	56	6.137	6.137	0.000	0	48623	500.0	380.5	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	227160	20.0	19.6	
69 Ethyl acrylate	55	6.314	6.314	0.000	0	100899	20.0	20.1	
70 1,2-Dichloropropane	63	6.472	6.472	0.000	0	108766	20.0	18.6	
* 71 1,4-Dioxane-d8	96	6.558	6.558	0.000	0	28987	1000.0	1000.0	
72 Methyl methacrylate	100	6.607	6.607	0.000	0	44473	40.0	35.9	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	20885	400.0	306.8	
74 Dibromomethane	93	6.631	6.631	0.000	0	60529	20.0	17.6	
75 n-Propyl acetate	43	6.686	6.686	0.000	0	96778	20.0	19.9	
76 Dichlorobromomethane	83	6.826	6.826	0.000	0	129515	20.0	16.8	
77 2-Nitropropane	41	7.192	7.192	0.000	93	27835	40.0	30.3	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	26583	20.0	19.5	
79 Epichlorohydrin	57	7.302	7.302	0.000	99	149801	400.0	313.7	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	164525	20.0	16.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	318216	100.0	81.1	
$ 82 Toluene-d8 (Surr)	98	7.582	7.582	0.000	0	859541	50.0	43.8	
83 Toluene	91	7.649	7.649	0.000	0	479810	20.0	16.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	135226	20.0	16.3	
85 Ethyl methacrylate	69	8.003	8.003	0.000	0	100857	20.0	18.4	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	73335	20.0	17.6	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	135637	20.0	16.3	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	137421	20.0	16.8	
89 2-Hexanone	43	8.362	8.362	0.000	0	225180	100.0	81.2	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	22492	20.0	18.0	
91 Chlorodibromomethane	129	8.484	8.484	0.000	0	94025	20.0	15.5	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	83648	20.0	16.6	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	504612	50.0	50.0	
94 Chlorobenzene	112	9.002	9.002	0.000	0	301810	20.0	16.3	
95 Ethylbenzene	106	9.069	9.069	0.000	0	166193	20.0	16.5	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	102166	20.0	16.3	
97 m-Xylene & p-Xylene	106	9.173	9.173	0.000	0	208322	20.0	16.6	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	58661	20.0	17.2	
99 o-Xylene	106	9.502	9.502	0.000	0	193356	20.0	16.5	
100 Styrene	104	9.527	9.527	0.000	0	318956	20.0	16.9	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	113555	20.0	18.7	
102 Bromoform	173	9.703	9.703	0.000	98	60984	20.0	15.9	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	535714	20.0	17.3	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	282771	50.0	45.8	
105 Bromobenzene	156	10.063	10.063	0.000	0	127600	20.0	16.3	
106 1,1,2,2-Tetrachloroethane	83	10.088	10.088	0.000	0	98942	20.0	19.5	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	641655	20.0	18.6	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	26652	20.0	18.0	
109 trans-1,4-Dichloro-2-butene	53	10.142	10.142	0.000	0	24050	20.0	17.8	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	514922	20.0	17.7	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	401381	20.0	17.6	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	419670	20.0	17.3	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	367807	20.0	17.3	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	109158	20.0	17.8	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	391508	20.0	17.6	
116 1,2,4-Trimethylbenzene	105	10.533	10.533	0.000	0	411670	20.0	17.3	
117 sec-Butylbenzene	105	10.642	10.642	0.000	0	615899	20.0	19.0	
118 4-Isopropyltoluene	119	10.752	10.752	0.000	0	495166	20.0	18.0	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	247090	20.0	17.3	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	260593	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.837	10.837	0.000	0	244105	20.0	17.3	
122 1,2,3-Trimethylbenzene	105	10.844	10.844	0.000	0	409169	20.0	17.4	
123 Benzyl chloride	126	10.941	10.941	0.000	0	38207	20.0	16.9	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	434740	20.0	16.4	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	283497	20.0	17.9	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	272785	20.0	19.4	
127 1,2-Dichlorobenzene	146	11.112	11.112	0.000	0	223298	20.0	17.5	
128 1,2,4,5-Tetramethylbenzene	119	11.606	11.606	0.000	0	412294	20.0	17.3	
129 1,2-Dibromo-3-Chloropropane	157	11.703	11.703	0.000	0	17823	20.0	18.1	
130 1,3,5-Trichlorobenzene	180	11.819	11.819	0.000	0	179726	20.0	16.8	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	141476	20.0	17.5	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	93	89649	20.0	15.5	
133 Naphthalene	128	12.642	12.642	0.000	0	244250	20.0	19.4	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	116229	20.0	18.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	36.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	32.9	
S 137 Xylenes, Total	100				0		40.0	33.1	
S 138 Total BTEX	1				0		100.0	84.2	

QC Flag Legend

Processing Flags

Reagents:

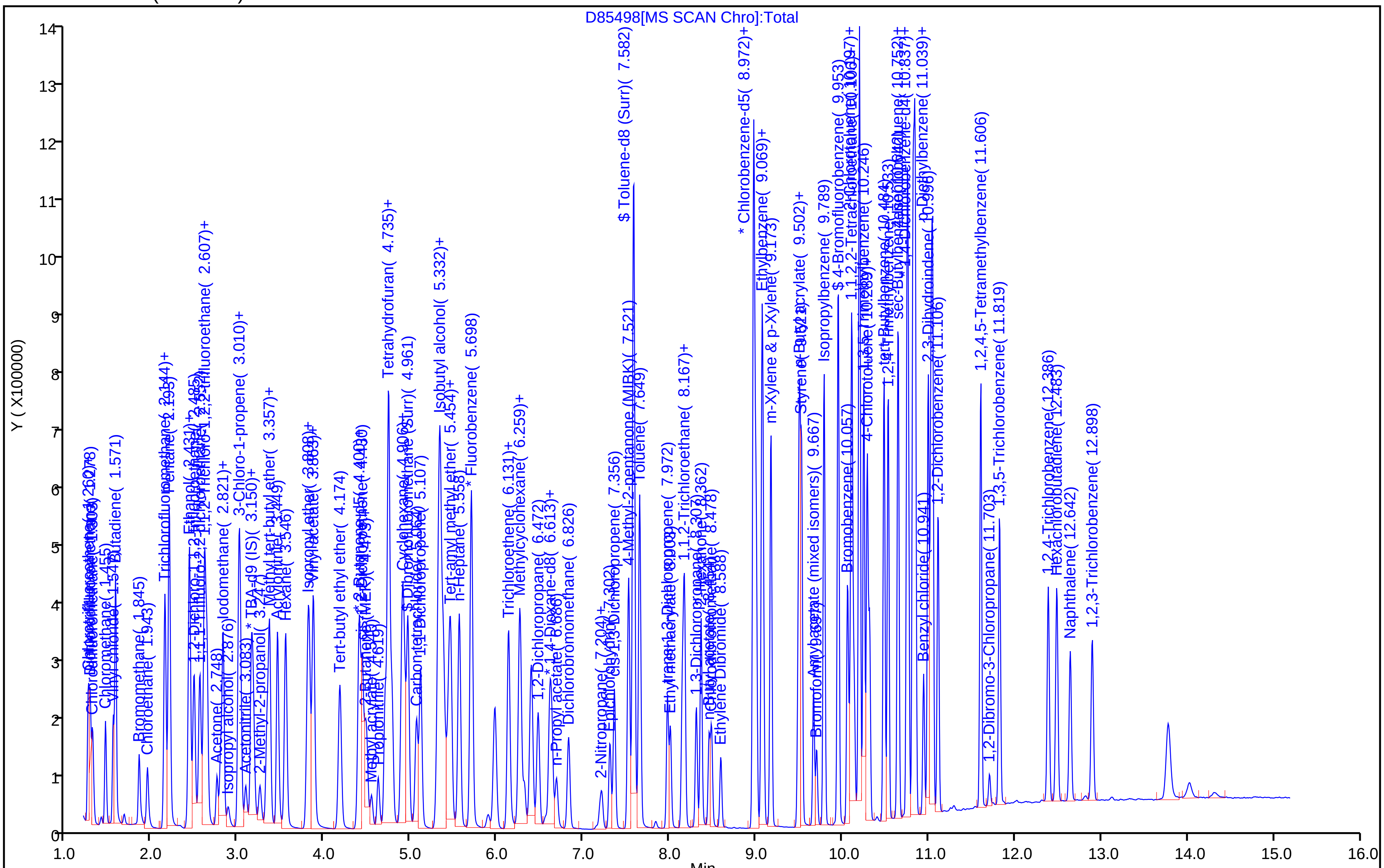
8260MIX1COMB_00145	Amount Added:	2.00	Units: uL		
ACROLEIN W_00132	Amount Added:	3.00	Units: uL		
524freon_00044	Amount Added:	2.00	Units: uL		
GASES Li_00445	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 02-Nov-2021 12:16:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85498.D				
Injection Date:	02-Nov-2021 06:56:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810922/2 Calibration Date: 11/02/2021 19:21

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85530.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.2470	0.2448		19.8	20.0	-0.9	20.0
1,1-Difluoroethane	Ave	0.2451	0.2627		21.4	20.0	7.1	20.0
Dichlorodifluoromethane	Ave	0.6062	0.6643	0.1000	21.9	20.0	9.6	20.0
Chlorodifluoromethane	Ave	0.5655	0.6025		21.3	20.0	6.6	20.0
Chloromethane	Ave	0.5086	0.5870	0.1000	23.1	20.0	15.4	20.0
Vinyl chloride	Ave	0.5776	0.6557	0.1000	22.7	20.0	13.5	20.0
Butadiene	Ave	0.5196	0.6029		23.2	20.0	16.0	20.0
Bromomethane	Ave	3.390	3.558	0.1000	21.0	20.0	5.0	50.0
Chloroethane	Lin2		0.3473	0.1000	26.8	20.0	33.9	50.0
Dichlorofluoromethane	Ave	0.7669	0.8006		20.9	20.0	4.4	20.0
Trichlorofluoromethane	Ave	0.7231	0.7203	0.1000	19.9	20.0	-0.4	20.0
Pentane	Ave	0.0782	0.0934		47.8	40.0	19.5	20.0
Ethanol	QuaF		0.0750		883	800	10.4	50.0
Ethyl ether	Ave	0.2827	0.3129		22.1	20.0	10.7	20.0
2-Methyl-1,3-butadiene	Ave	0.3650	0.4173		22.9	20.0	14.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.4097	0.4136		20.2	20.0	0.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.6788	0.7328		21.6	20.0	8.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.4746	0.5285	0.1000	22.3	20.0	11.4	20.0
Acrolein	Ave	2.570	2.218		263	304	-13.7	50.0
1,1-Dichloroethene	Ave	0.4540	0.4837	0.1000	21.3	20.0	6.5	20.0
Acetone	Qua2		1.131	0.0500	84.8	100	-15.2	50.0
Iodomethane	Ave	0.6536	0.5957		18.2	20.0	-8.9	20.0
Carbon disulfide	Ave	1.598	1.785	0.1000	22.3	20.0	11.7	50.0
Isopropyl alcohol	Qua2		0.9799		191	200	-4.3	50.0
3-Chloro-1-propene	Ave	0.2713	0.2907		21.4	20.0	7.2	20.0
Cyclopentene	Ave	1.064	1.219		22.9	20.0	14.6	20.0
Methyl acetate	Qua2		0.2134	0.1000	48.3	40.0	20.7*	20.0
Acetonitrile	Ave	0.8228	0.6713		163	200	-18.4	20.0
Methylene Chloride	Ave	0.4765	0.4813	0.1000	20.2	20.0	1.0	20.0
2-Methyl-2-propanol	Qua2		1.757		179	200	-10.5	50.0
Methyl tert-butyl ether	Ave	1.021	1.006	0.1000	19.7	20.0	-1.4	20.0
trans-1,2-Dichloroethene	Ave	0.5047	0.5161	0.1000	20.5	20.0	2.3	20.0
Acrylonitrile	Ave	5.668	4.710		166	200	-16.9	20.0
Hexane	Ave	0.6504	0.7590		23.3	20.0	16.7	20.0
Isopropyl ether	Ave	1.074	1.189		22.1	20.0	10.6	20.0
1,1-Dichloroethane	Ave	0.7950	0.8178	0.2000	20.6	20.0	2.9	20.0
Vinyl acetate	Ave	0.0704	0.0751		42.7	40.0	6.7	20.0
2-Chloro-1,3-butadiene	Ave	0.4231	0.4415		20.9	20.0	4.4	20.0
Tert-butyl ethyl ether	Ave	1.110	1.110		20.0	20.0	-0.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810922/2 Calibration Date: 11/02/2021 19:21

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85530.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.2288	0.2150		18.8	20.0	-6.0	20.0
cis-1,2-Dichloroethene	Ave	0.5452	0.5324	0.1000	19.5	20.0	-2.3	20.0
2-Butanone (MEK)	Ave	0.6701	0.5247	0.0500	78.3	100	-21.7	50.0
Ethyl acetate	Ave	0.6527	0.4695		28.8	40.0	-28.1*	20.0
Methyl acrylate	Ave	0.2354	0.2656		22.6	20.0	12.8	20.0
Propionitrile	Ave	0.6637	0.5683		171	200	-14.4	20.0
Chlorobromomethane	Ave	0.2466	0.2324		18.8	20.0	-5.8	20.0
Tetrahydrofuran	Qua2		0.5668		32.9	40.0	-17.7	20.0
Methacrylonitrile	Ave	0.1210	0.1342		222	200	10.9	20.0
Chloroform	Ave	0.8009	0.7631	0.2000	19.1	20.0	-4.7	20.0
Cyclohexane	Ave	0.7113	0.7838	0.1000	22.0	20.0	10.2	50.0
1,1,1-Trichloroethane	Ave	0.7146	0.6718	0.1000	18.8	20.0	-6.0	20.0
Carbon tetrachloride	Ave	0.6467	0.5951	0.1000	18.4	20.0	-8.0	20.0
1,1-Dichloropropene	Ave	0.6532	0.6717		20.6	20.0	2.8	20.0
Isobutyl alcohol	Ave	1.184	1.055		446	500	-10.9	50.0
Benzene	Ave	2.553	2.475	0.5000	19.4	20.0	-3.0	20.0
Tert-amyl methyl ether	Ave	0.3333	0.3247		19.5	20.0	-2.6	20.0
1,2-Dichloroethane	Ave	0.4814	0.4142	0.1000	17.2	20.0	-14.0	20.0
Isopropyl acetate	Ave	0.1715	0.1786		20.8	20.0	4.2	20.0
n-Heptane	Ave	0.6343	0.7005		22.1	20.0	10.4	20.0
Trichloroethene	Ave	0.5201	0.4995	0.2000	19.2	20.0	-4.0	20.0
n-Butanol	Ave	0.4141	0.3700		447	500	-10.6	50.0
Methylcyclohexane	Ave	0.8448	0.8889	0.1000	21.0	20.0	5.2	50.0
Ethyl acrylate	Ave	0.3669	0.4073		22.2	20.0	11.0	20.0
1,2-Dichloropropane	Ave	0.4273	0.4356	0.1000	20.4	20.0	1.9	20.0
Methyl methacrylate	Ave	0.0904	0.0911		40.3	40.0	0.8	20.0
1,4-Dioxane	Ave	2.349	2.184		372	400	-7.0	50.0
Dibromomethane	Ave	0.2509	0.2367		18.9	20.0	-5.6	20.0
n-Propyl acetate	Ave	0.3544	0.3943		22.3	20.0	11.3	20.0
Dichlorobromomethane	Ave	0.5622	0.5171	0.2000	18.4	20.0	-8.0	20.0
2-Nitropropane	Ave	0.0671	0.0564		33.6	40.0	-15.9	20.0
2-Chloroethyl vinyl ether	Ave	0.0995	0.1058		21.3	20.0	6.4	20.0
Epichlorohydrin	Ave	0.4719	0.3967		336	400	-15.9	20.0
cis-1,3-Dichloropropene	Ave	0.9823	0.8955	0.2000	18.2	20.0	-8.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.877	3.307	0.0500	85.3	100	-14.7	50.0
Toluene	Ave	2.836	2.571	0.4000	18.1	20.0	-9.3	20.0
trans-1,3-Dichloropropene	Ave	0.8223	0.7282	0.1000	17.7	20.0	-11.4	50.0
Ethyl methacrylate	Ave	0.3991	0.4086		20.5	20.0	2.4	20.0
1,1,2-Trichloroethane	Ave	0.4127	0.3916	0.1000	19.0	20.0	-5.1	20.0
Tetrachloroethene	Ave	0.8237	0.7111	0.2000	17.3	20.0	-13.7	20.0
1,3-Dichloropropane	Ave	0.8119	0.7464		18.4	20.0	-8.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810922/2 Calibration Date: 11/02/2021 19:21

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85530.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	2.739	2.369	0.0500	86.5	100	-13.5	50.0
n-Butyl acetate	Ave	0.1237	0.1208		19.5	20.0	-2.4	20.0
Chlorodibromomethane	Ave	0.6030	0.4961	0.1000	16.5	20.0	-17.7	50.0
Ethylene Dibromide	Ave	0.4980	0.4486	0.1000	18.0	20.0	-9.9	20.0
Chlorobenzene	Ave	1.838	1.636	0.5000	17.8	20.0	-11.0	20.0
Ethylbenzene	Ave	1.000	0.8979	0.1000	18.0	20.0	-10.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.6220	0.5376		17.3	20.0	-13.6	20.0
m-Xylene & p-Xylene	Ave	1.242	1.140	0.1000	18.3	20.0	-8.3	20.0
n-Butyl acrylate	Ave	0.3383	0.3359		19.9	20.0	-0.7	20.0
o-Xylene	Ave	1.164	1.058	0.3000	18.2	20.0	-9.1	20.0
Styrene	Ave	1.873	1.758	0.3000	18.8	20.0	-6.1	20.0
Amyl acetate (mixed isomers)	Ave	1.162	1.254		21.6	20.0	7.9	20.0
Bromoform	Ave	0.3789	0.3192	0.1000	16.8	20.0	-15.8	20.0
Isopropylbenzene	Ave	3.061	2.863	0.1000	18.7	20.0	-6.5	20.0
Bromobenzene	Ave	1.503	1.320		17.6	20.0	-12.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9755	0.9760	0.3000	20.0	20.0	0.0	20.0
N-Propylbenzene	Ave	6.612	6.656		20.1	20.0	0.7	20.0
1,2,3-Trichloropropane	Ave	0.2841	0.2649		18.6	20.0	-6.8	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2588	0.2492		19.3	20.0	-3.7	20.0
2-Chlorotoluene	Ave	4.380	4.126		18.8	20.0	-5.8	20.0
4-Ethyltoluene	Ave	5.567	5.338		19.2	20.0	-4.1	20.0
1,3,5-Trimethylbenzene	Ave	4.652	4.322		18.6	20.0	-7.1	20.0
4-Chlorotoluene	Ave	4.076	3.855		18.9	20.0	-5.4	20.0
Butyl Methacrylate	Ave	1.177	1.157		19.7	20.0	-1.7	20.0
tert-Butylbenzene	Ave	4.265	3.960		18.6	20.0	-7.2	20.0
1,2,4-Trimethylbenzene	Ave	4.565	4.166		18.3	20.0	-8.7	20.0
sec-Butylbenzene	Ave	6.211	6.161		19.8	20.0	-0.8	20.0
4-Isopropyltoluene	Ave	5.292	4.996		18.9	20.0	-5.6	20.0
1,3-Dichlorobenzene	Ave	2.746	2.518	0.6000	18.3	20.0	-8.3	20.0
1,4-Dichlorobenzene	Ave	2.705	2.482	0.5000	18.3	20.0	-8.3	20.0
1,2,3-Trimethylbenzene	Ave	4.512	4.152		18.4	20.0	-8.0	20.0
Benzyl chloride	Ave	0.4334	0.4060		18.7	20.0	-6.3	50.0
Indan	Ave	1.932	1.704		17.6	20.0	-11.8	20.0
p-Diethylbenzene	Ave	3.044	2.827		18.6	20.0	-7.1	20.0
n-Butylbenzene	Ave	2.701	2.699		20.0	20.0	-0.0	20.0
1,2-Dichlorobenzene	Ave	2.451	2.215	0.4000	18.1	20.0	-9.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	4.561	4.037		17.7	20.0	-11.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1889	0.1699	0.0500	18.0	20.0	-10.0	50.0
1,3,5-Trichlorobenzene	Ave	2.057	1.752		17.0	20.0	-14.8	20.0
1,2,4-Trichlorobenzene	Ave	1.554	1.314	0.2000	16.9	20.0	-15.4	20.0
Hexachlorobutadiene	Ave	1.109	0.8695		15.7	20.0	-21.6*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810922/2 Calibration Date: 11/02/2021 19:21

Instrument ID: CVOAMS4 Calib Start Date: 10/22/2021 08:59

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2021 13:23

Lab File ID: D85530.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.410	2.124		17.6	20.0	-11.8	50.0
1,2,3-Trichlorobenzene	Ave	1.201	0.9864		16.4	20.0	-17.8	20.0
Dibromofluoromethane (Surr)	Ave	0.3693	0.3598		48.7	50.0	-2.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3086	0.2877		46.6	50.0	-6.8	20.0
Toluene-d8 (Surr)	Ave	1.947	1.749		44.9	50.0	-10.2	20.0
4-Bromofluorobenzene	Ave	1.185	1.117		47.1	50.0	-5.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85530.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Nov-2021 19:21:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0137006-002
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 15:31:22 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: parekhv Date: 02-Nov-2021 20:55:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	0	64066	20.0	19.8	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	0	68748	20.0	21.4	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	0	173860	20.0	21.9	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	0	157703	20.0	21.3	
6 Chloromethane	50	1.455	1.455	0.000	0	153632	20.0	23.1	
8 Vinyl chloride	62	1.546	1.546	0.000	0	171628	20.0	22.7	
7 Butadiene	54	1.571	1.571	0.000	0	157799	20.0	23.2	
9 Bromomethane	94	1.845	1.845	0.000	0	73009	20.0	21.0	
10 Chloroethane	64	1.943	1.943	0.000	0	90898	20.0	26.8	
13 Trichlorofluoromethane	101	2.144	2.144	0.000	0	188530	20.0	19.9	
11 Dichlorofluoromethane	67	2.144	2.144	0.000	0	209554	20.0	20.9	
12 Pentane	72	2.193	2.193	0.000	0	48872	40.0	47.8	
15 Ethanol	46	2.406	2.406	0.000	0	18627	800.0	883.3	
14 Ethyl ether	59	2.424	2.424	0.000	0	81905	20.0	22.1	
16 2-Methyl-1,3-butadiene	53	2.430	2.430	0.000	0	109229	20.0	22.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.485	2.485	0.000	0	108253	20.0	20.2	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.546	2.546	0.000	0	191809	20.0	21.6	
20 112TCTFE	101	2.601	2.601	0.000	0	138334	20.0	22.3	
19 Acrolein	56	2.607	2.607	0.000	0	209486	304.2	262.5	
21 1,1-Dichloroethene	96	2.632	2.632	0.000	0	126599	20.0	21.3	
22 Acetone	43	2.747	2.747	0.000	0	116075	100.0	84.8	
23 Iodomethane	142	2.790	2.790	0.000	0	155908	20.0	18.2	
24 Carbon disulfide	76	2.821	2.821	0.000	0	467287	20.0	22.3	
25 Isopropyl alcohol	45	2.882	2.882	0.000	0	60853	200.0	191.3	
26 3-Chloro-1-propene	76	2.997	2.997	0.000	0	76097	20.0	21.4	
28 Cyclopentene	67	3.010	3.010	0.000	0	319079	20.0	22.9	
27 Methyl acetate	43	3.028	3.028	0.000	0	111717	40.0	48.3	
29 Acetonitrile	40	3.083	3.083	0.000	0	41688	200.0	163.2	
30 Methylene Chloride	84	3.144	3.144	0.000	0	125974	20.0	20.2	
* 31 TBA-d9 (IS)	65	3.168	3.168	0.000	0	310504	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.247	3.247	0.000	0	109128	200.0	179.0	
33 Methyl tert-butyl ether	73	3.333	3.333	0.000	0	263408	20.0	19.7	
34 trans-1,2-Dichloroethene	96	3.357	3.357	0.000	0	135092	20.0	20.5	
35 Acrylonitrile	53	3.449	3.449	0.000	0	292486	200.0	166.2	
36 Hexane	57	3.546	3.546	0.000	0	198655	20.0	23.3	
37 Isopropyl ether	45	3.802	3.802	0.000	0	311069	20.0	22.1	
38 1,1-Dichloroethane	63	3.820	3.820	0.000	0	214045	20.0	20.6	
39 Vinyl acetate	86	3.863	3.863	0.000	0	39308	40.0	42.7	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	115550	20.0	20.9	
41 Tert-butyl ethyl ether	59	4.174	4.174	0.000	0	290406	20.0	20.0	
43 2,2-Dichloropropane	79	4.393	4.393	0.000	0	56275	20.0	18.8	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	256464	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.436	4.436	0.000	0	139358	20.0	19.5	
45 2-Butanone (MEK)	72	4.467	4.467	0.000	0	53825	100.0	78.3	
46 Ethyl acetate	70	4.485	4.485	0.000	0	19265	40.0	28.8	
47 Methyl acrylate	55	4.540	4.540	0.000	0	69523	20.0	22.6	
48 Propionitrile	54	4.619	4.619	0.000	0	116596	200.0	171.2	
49 Chlorobromomethane	128	4.698	4.698	0.000	0	60819	20.0	18.8	
50 Tetrahydrofuran	72	4.698	4.698	0.000	0	23257	40.0	32.9	
51 Methacrylonitrile	67	4.741	4.741	0.000	0	351322	200.0	221.8	
52 Chloroform	83	4.778	4.778	0.000	0	199734	20.0	19.1	
53 Cyclohexane	84	4.899	4.899	0.000	0	205133	20.0	22.0	
54 1,1,1-Trichloroethane	97	4.924	4.924	0.000	0	175837	20.0	18.8	
$ 55 Dibromofluoromethane (Surr)	113	4.960	4.960	0.000	0	235430	50.0	48.7	
56 Carbon tetrachloride	117	5.064	5.064	0.000	0	155754	20.0	18.4	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	175798	20.0	20.6	
58 Isobutyl alcohol	43	5.320	5.320	0.000	0	163807	500.0	445.6	
59 Benzene	78	5.338	5.338	0.000	0	475318	20.0	19.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	188247	50.0	46.6	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	84984	20.0	19.5	
62 Isopropyl acetate	61	5.460	5.460	0.000	0	46755	20.0	20.8	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	0	108405	20.0	17.2	
64 n-Heptane	43	5.558	5.558	0.000	0	183331	20.0	22.1	
* 65 Fluorobenzene	96	5.698	5.698	0.000	0	654326	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	130734	20.0	19.2	
66 n-Butanol	56	6.137	6.137	0.000	0	57449	500.0	446.8	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	232654	20.0	21.0	
69 Ethyl acrylate	55	6.314	6.314	0.000	0	106598	20.0	22.2	
70 1,2-Dichloropropane	63	6.472	6.472	0.000	0	114007	20.0	20.4	
* 71 1,4-Dioxane-d8	96	6.564	6.564	0.000	0	26876	1000.0	1000.0	
72 Methyl methacrylate	100	6.606	6.606	0.000	0	47697	40.0	40.3	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	23480	400.0	372.0	
74 Dibromomethane	93	6.631	6.631	0.000	0	61961	20.0	18.9	
75 n-Propyl acetate	43	6.686	6.686	0.000	0	103199	20.0	22.3	
76 Dichlorobromomethane	83	6.826	6.826	0.000	0	135330	20.0	18.4	
77 2-Nitropropane	41	7.192	7.192	0.000	0	29524	40.0	33.6	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	27754	20.0	21.3	
79 Epichlorohydrin	57	7.308	7.308	0.000	0	162797	400.0	336.3	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	171991	20.0	18.2	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	339214	100.0	85.3	
$ 82 Toluene-d8 (Surr)	98	7.582	7.582	0.000	0	839793	50.0	44.9	
83 Toluene	91	7.649	7.649	0.000	0	493805	20.0	18.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	139861	20.0	17.7	
85 Ethyl methacrylate	69	8.009	8.009	0.000	0	106940	20.0	20.5	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	75206	20.0	19.0	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	136559	20.0	17.3	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	143350	20.0	18.4	
89 2-Hexanone	43	8.362	8.362	0.000	0	242998	100.0	86.5	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	23201	20.0	19.5	
91 Chlorodibromomethane	129	8.484	8.484	0.000	0	95282	20.0	16.5	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	86162	20.0	18.0	
* 93 Chlorobenzene-d5	117	8.978	8.978	0.000	0	480128	50.0	50.0	
94 Chlorobenzene	112	9.002	9.002	0.000	0	314244	20.0	17.8	
95 Ethylbenzene	106	9.069	9.069	0.000	0	172437	20.0	18.0	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	103255	20.0	17.3	
97 m-Xylene & p-Xylene	106	9.173	9.173	0.000	0	218879	20.0	18.3	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	64516	20.0	19.9	
99 o-Xylene	106	9.502	9.502	0.000	0	203172	20.0	18.2	
100 Styrene	104	9.527	9.527	0.000	0	337648	20.0	18.8	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	125938	20.0	21.6	
102 Bromoform	173	9.703	9.703	0.000	0	61294	20.0	16.8	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	549862	20.0	18.7	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	280377	50.0	47.1	
105 Bromobenzene	156	10.063	10.063	0.000	0	132555	20.0	17.6	
106 1,1,2,2-Tetrachloroethane	83	10.094	10.094	0.000	0	98020	20.0	20.0	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	668437	20.0	20.1	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	26599	20.0	18.6	
109 trans-1,4-Dichloro-2-butene	53	10.142	10.142	0.000	0	25024	20.0	19.3	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	536089	20.0	19.2	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	414369	20.0	18.8	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	434055	20.0	18.6	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	387124	20.0	18.9	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	116210	20.0	19.7	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	397641	20.0	18.6	
116 1,2,4-Trimethylbenzene	105	10.532	10.532	0.000	0	418398	20.0	18.3	
117 sec-Butylbenzene	105	10.648	10.648	0.000	0	618760	20.0	19.8	
118 4-Isopropyltoluene	119	10.752	10.752	0.000	0	501676	20.0	18.9	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	252829	20.0	18.3	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	251063	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.837	10.837	0.000	0	249237	20.0	18.3	
122 1,2,3-Trimethylbenzene	105	10.843	10.843	0.000	0	416972	20.0	18.4	
123 Benzyl chloride	126	10.941	10.941	0.000	0	40775	20.0	18.7	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	445895	20.0	17.6	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	283911	20.0	18.6	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	271026	20.0	20.0	
127 1,2-Dichlorobenzene	146	11.112	11.112	0.000	0	222431	20.0	18.1	
128 1,2,4,5-Tetramethylbenzene	119	11.605	11.605	0.000	0	405385	20.0	17.7	
129 1,2-Dibromo-3-Chloropropane	157	11.709	11.709	0.000	0	17067	20.0	18.0	
130 1,3,5-Trichlorobenzene	180	11.825	11.825	0.000	0	175899	20.0	17.0	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	131956	20.0	16.9	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	0	87323	20.0	15.7	
133 Naphthalene	128	12.642	12.642	0.000	0	213325	20.0	17.6	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	99061	20.0	16.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	35.9	
S 137 Xylenes, Total	100				0		40.0	36.5	
S 138 Total BTEX	1				0		100.0	92.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00145	Amount Added:	2.00	Units: uL		
ACROLEIN W_00132	Amount Added:	3.00	Units: uL		
524freon_00044	Amount Added:	2.00	Units: uL		
GASES Li_00445	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

Report Date: 03-Nov-2021 15:31:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85530.D

Injection Date: 02-Nov-2021 19:21:30 Instrument ID: CVOAMS4 Operator ID:

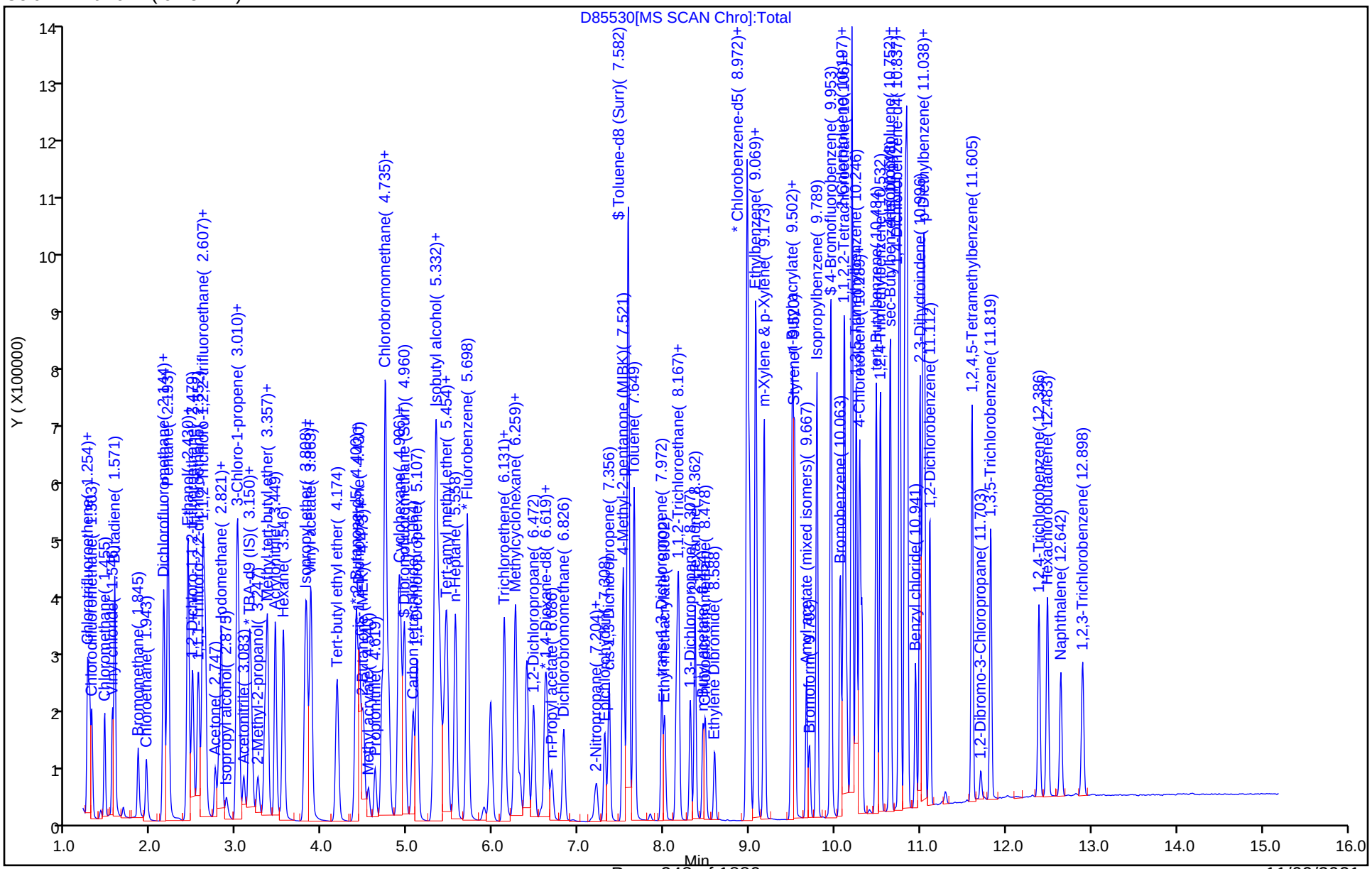
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85144.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	22-Oct-2021 08:16:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0136415-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\8260S_4.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	24-Oct-2021 22:21:03	Calib Date:	22-Oct-2021 13:23:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1680				
First Level Reviewer: tupayachia		Date:	22-Oct-2021 08:20:12		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.854	2.854	0.000	0	242633	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

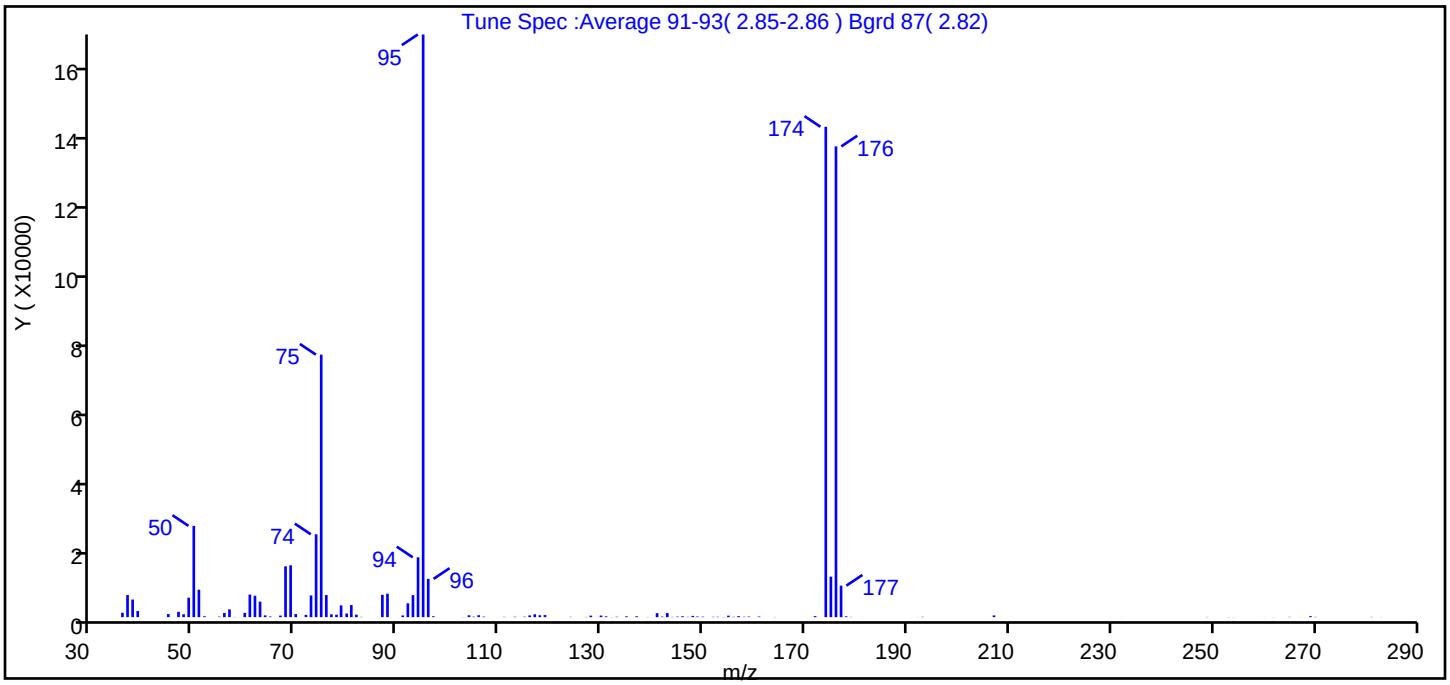
BFB_00030 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85144.D
Injection Date: 22-Oct-2021 08:16:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	45.1
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	84.2
175	5 to 9% of m/z 174	6.9 (8.3)
176	Greater than 95% but less than 101% of m/z 174	80.8 (96.0)
177	5 to 9% of m/z 176	5.4 (6.7)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85144.D\8260S_4.rslt\spectra.d
Injection Date: 22-Oct-2021 08:16:30
Spectrum: Tune Spec :Average 91-93(2.85-2.86) Bgrd 87(2.82)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 117

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1224	76.00	6210	119.00	588	161.00	174
37.00	6203	77.00	790	124.00	86	164.00	44
38.00	4940	78.00	672	127.00	61	172.00	296
39.00	1719	79.00	3305	128.00	425	174.00	137664
45.00	866	80.00	1013	130.00	449	175.00	11367
47.00	1500	81.00	3396	131.00	223	176.00	132160
48.00	812	82.00	683	132.00	34	177.00	8848
49.00	5457	83.00	81	133.00	113	178.00	231
50.00	25624	87.00	6268	135.00	231	179.00	56
51.00	7702	88.00	6577	137.00	244	181.00	17
52.00	252	91.00	474	139.00	47	191.00	5
55.00	152	92.00	3880	140.00	22	192.00	22
56.00	1184	93.00	6172	141.00	1107	193.00	88
57.00	2180	94.00	16800	142.00	145	207.00	488
58.00	50	95.00	163584	143.00	1148	210.00	4
59.00	24	96.00	10748	144.00	72	232.00	12
60.00	1195	97.00	252	145.00	150	249.00	55
61.00	6343	103.00	30	146.00	247	253.00	43
62.00	6007	104.00	523	147.00	86	254.00	37
63.00	4354	105.00	127	148.00	351	260.00	18
64.00	501	106.00	544	149.00	164	262.00	35
65.00	183	107.00	147	150.00	134	265.00	75
67.00	435	110.00	18	152.00	93	267.00	19
68.00	14275	111.00	78	153.00	102	269.00	279
69.00	14551	112.00	18	154.00	45	270.00	73
70.00	867	113.00	114	155.00	421	281.00	72
72.00	639	115.00	124	156.00	102	283.00	22
73.00	6093	116.00	484	157.00	289		
74.00	23264	117.00	800	158.00	99		
75.00	73704	118.00	523	159.00	159		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810773/8

Matrix: Solid Lab File ID: D85504.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 10:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
67-64-1	Acetone	0.0057	U	0.0060	0.0057
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
71-43-2	Benzene	0.00026	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
108-88-3	Toluene	0.00023	U	0.0010	0.00023
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
100-42-5	Styrene	0.00028	U	0.0010	0.00028
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810773/8

Matrix: Solid Lab File ID: D85504.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 10:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
123-91-1	1,4-Dioxane	0.0092	U	0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		77-145
2037-26-5	Toluene-d8 (Surr)	86		80-120
460-00-4	4-Bromofluorobenzene	93		70-139
1868-53-7	Dibromofluoromethane (Surr)	98		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810773/8

Matrix: Solid Lab File ID: D85504.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 10:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85504.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Nov-2021 10:04:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0136960-008
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 12:19:11 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: delpolitov Date: 02-Nov-2021 12:19:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	212661	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.393	4.394	-0.001	0	182949	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.954	4.954	0.000	0	222439	50.0	49.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.363	0.006	0	168921	50.0	44.5	
* 65 Fluorobenzene	96	5.692	5.692	0.000	0	614727	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.552	6.552	0.000	0	20126	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	789604	50.0	42.9	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	472665	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.947	9.947	0.000	0	253472	50.0	46.6	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.813	0.006	0	229382	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

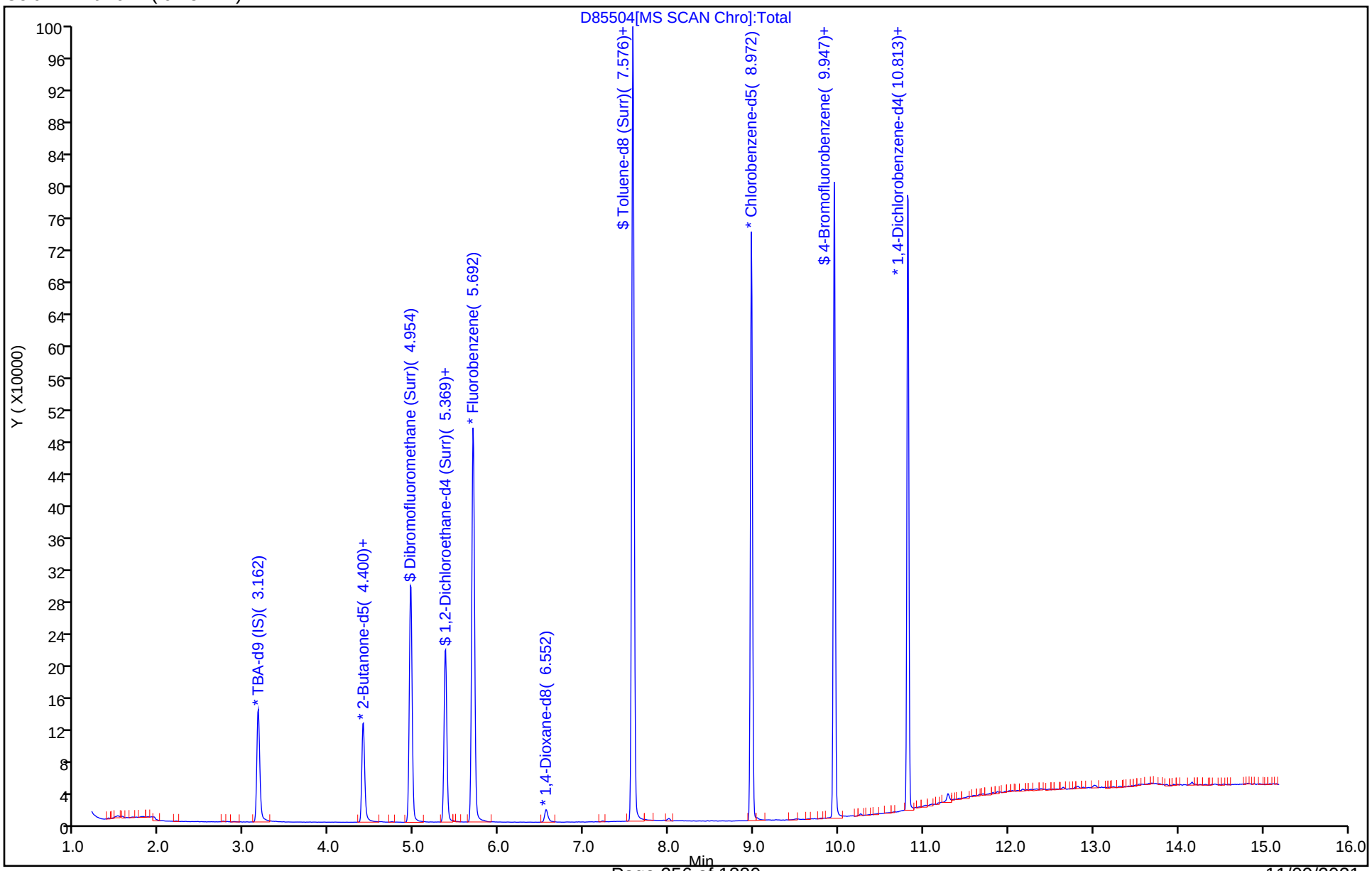
Report Date: 02-Nov-2021 12:19:12 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85504.D

Injection Date:	02-Nov-2021 10:04:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



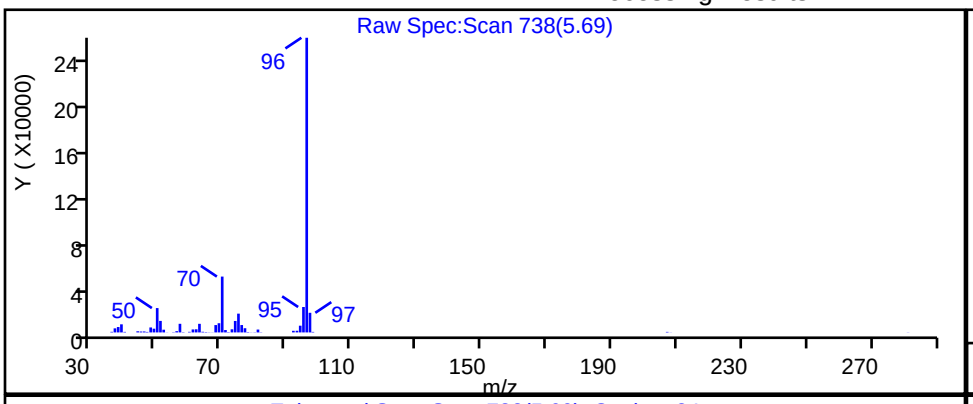
User Disabled Compound Report

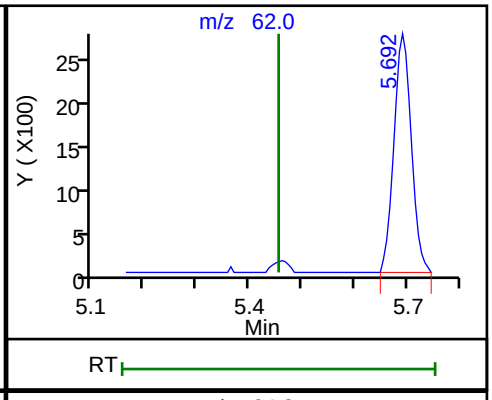
Eurofins TestAmerica, Edison

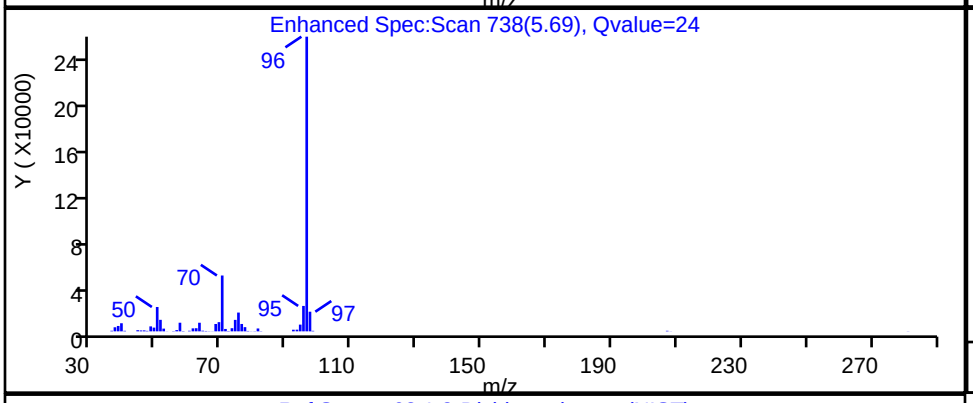
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85504.D				
Injection Date:	02-Nov-2021 10:04:30	Instrument ID:	CVOAMS4		
Lims ID:	MB				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

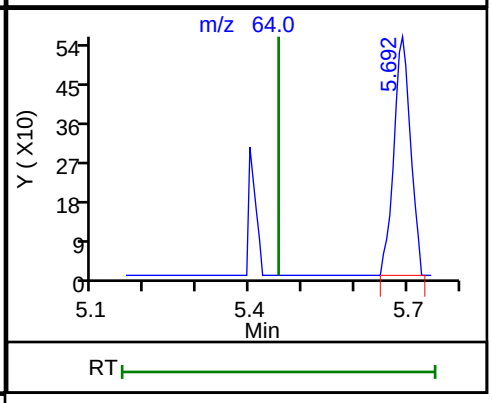
63 1,2-Dichloroethane, CAS: 107-06-2

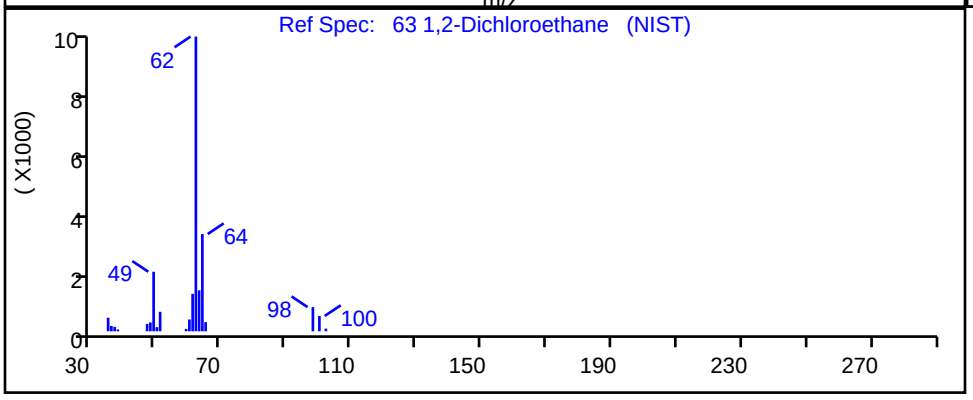
Processing Results











RT	Mass	Response	Amount
5.69	62.00	6255	1.056804
5.69	64.00	1225	

Reviewer: tupayachia, 02-Nov-2021 11:10:46

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810922/9

Matrix: Solid Lab File ID: D85537.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
67-64-1	Acetone	0.0057	U	0.0060	0.0057
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
71-43-2	Benzene	0.00026	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
108-88-3	Toluene	0.00023	U	0.0010	0.00023
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
100-42-5	Styrene	0.00028	U	0.0010	0.00028
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810922/9

Matrix: Solid Lab File ID: D85537.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
123-91-1	1,4-Dioxane	0.0092	U	0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		77-145
2037-26-5	Toluene-d8 (Surr)	91		80-120
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	103		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810922/9

Matrix: Solid Lab File ID: D85537.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 22:04

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85537.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 02-Nov-2021 22:04:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0137006-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 15:34:19 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: delpolitov Date: 03-Nov-2021 15:35:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	294568	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	237791	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.001	0	230899	50.0	51.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	185225	50.0	49.5	
* 65 Fluorobenzene	96	5.698	5.698	0.000	0	606879	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.558	6.558	0.000	0	24564	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	815661	50.0	45.7	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	458496	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	9.954	9.953	0.001	0	258356	50.0	49.9	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	218301	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

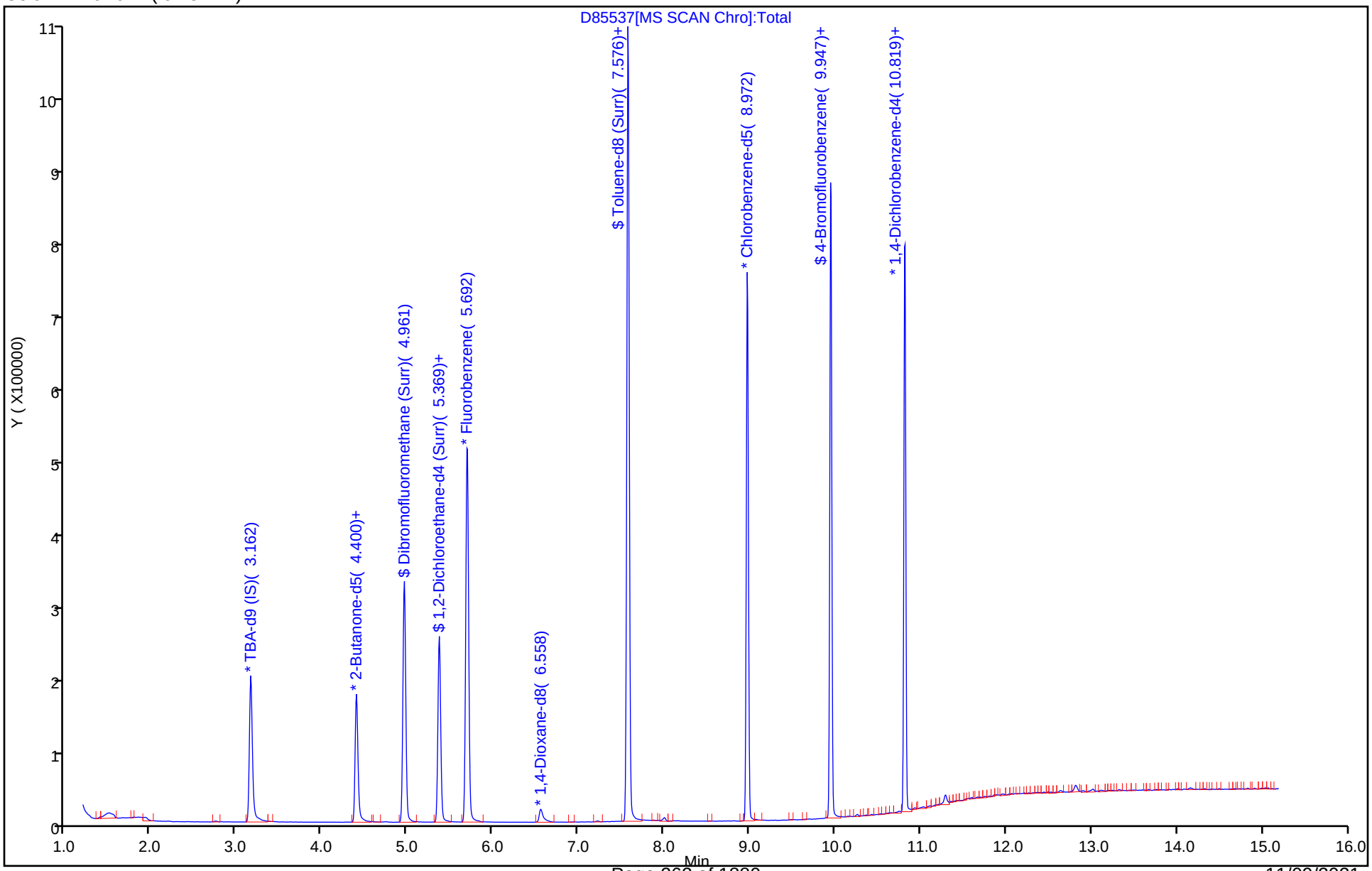
Report Date: 03-Nov-2021 15:35:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85537.D

Injection Date:	02-Nov-2021 22:04:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-810288/1-A

Matrix: Solid Lab File ID: D85505.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/02/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.00044	U	0.0010	0.00044
74-83-9	Bromomethane	0.0010	U	0.0020	0.0010
75-01-4	Vinyl chloride	0.00055	U	0.0010	0.00055
75-00-3	Chloroethane	0.00052	U	0.0010	0.00052
75-09-2	Methylene Chloride	0.0011	U	0.0020	0.0011
67-64-1	Acetone	0.0057	U	0.0060	0.0057
75-15-0	Carbon disulfide	0.00027	U	0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.00041	U	0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.00023	U	0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.00021	U	0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.00025	U	0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.0010	0.00036
67-66-3	Chloroform	0.00097	U	0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.00037	U	0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.00023	U	0.0010	0.00023
56-23-5	Carbon tetrachloride	0.00039	U	0.0010	0.00039
75-27-4	Dichlorobromomethane	0.00026	U	0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.00042	U	0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
79-01-6	Trichloroethene	0.00032	U	0.0010	0.00032
124-48-1	Chlorodibromomethane	0.00019	U	0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.00018	U	0.0010	0.00018
71-43-2	Benzene	0.00026	U	0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.00027	U	0.0010	0.00027
75-25-2	Bromoform	0.00043	U	0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0016	U	0.0050	0.0016
591-78-6	2-Hexanone	0.0017	U	0.0050	0.0017
127-18-4	Tetrachloroethene	0.00031	U	0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.00021	U	0.0010	0.00021
108-88-3	Toluene	0.00023	U	0.0010	0.00023
108-90-7	Chlorobenzene	0.00018	U	0.0010	0.00018
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
100-42-5	Styrene	0.00028	U	0.0010	0.00028
1330-20-7	Xylenes, Total	0.00064	U	0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-810288/1-A

Matrix: Solid Lab File ID: D85505.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/02/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00030	U	0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.00051	U	0.0010	0.00051
110-82-7	Cyclohexane	0.00022	U	0.0010	0.00022
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.00037	U	0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.00023	U	0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.00034	U	0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.0010	0.00036
123-91-1	1,4-Dioxane	0.0092	U	0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.00018	U	0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.00046	U	0.0010	0.00046
74-97-5	Chlorobromomethane	0.00028	U	0.0010	0.00028
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
79-20-9	Methyl acetate	0.0043	U	0.0050	0.0043
108-87-2	Methylcyclohexane	0.00050	U	0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		77-145
2037-26-5	Toluene-d8 (Surr)	89		80-120
460-00-4	4-Bromofluorobenzene	97		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LB3 460-810288/1-A

Matrix: Solid Lab File ID: D85505.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/02/2021 10:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85505.D
Lims ID: LB3 460-810288/1-A
Client ID:
Sample Type: Client
Inject. Date: 02-Nov-2021 10:26:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-810288/1-A
Misc. Info.: 460-0136960-009
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 12:19:32 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: delpolitov Date: 02-Nov-2021 12:19:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.162	3.156	0.006	0	190847	1000.0	
* 42 2-Butanone-d5	46	4.394	4.394	0.000	0	165728	250.0	
52 Chloroform	83	4.772	4.772	0.000	0	3533	0.3718	
$ 55 Dibromofluoromethane (Surr)	113	4.954	4.954	0.000	0	222594	50.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.363	5.363	0.000	0	167527	45.8	
* 65 Fluorobenzene	96	5.692	5.692	0.000	0	593220	50.0	
* 71 1,4-Dioxane-d8	96	6.552	6.552	0.000	0	18833	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	786097	44.3	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	456235	50.0	
$ 104 4-Bromofluorobenzene	174	9.947	9.947	0.000	0	252579	48.3	
* 120 1,4-Dichlorobenzene-d4	152	10.813	10.813	0.000	0	220790	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00223 Amount Added: 1.00 Units: uL Run Reagent

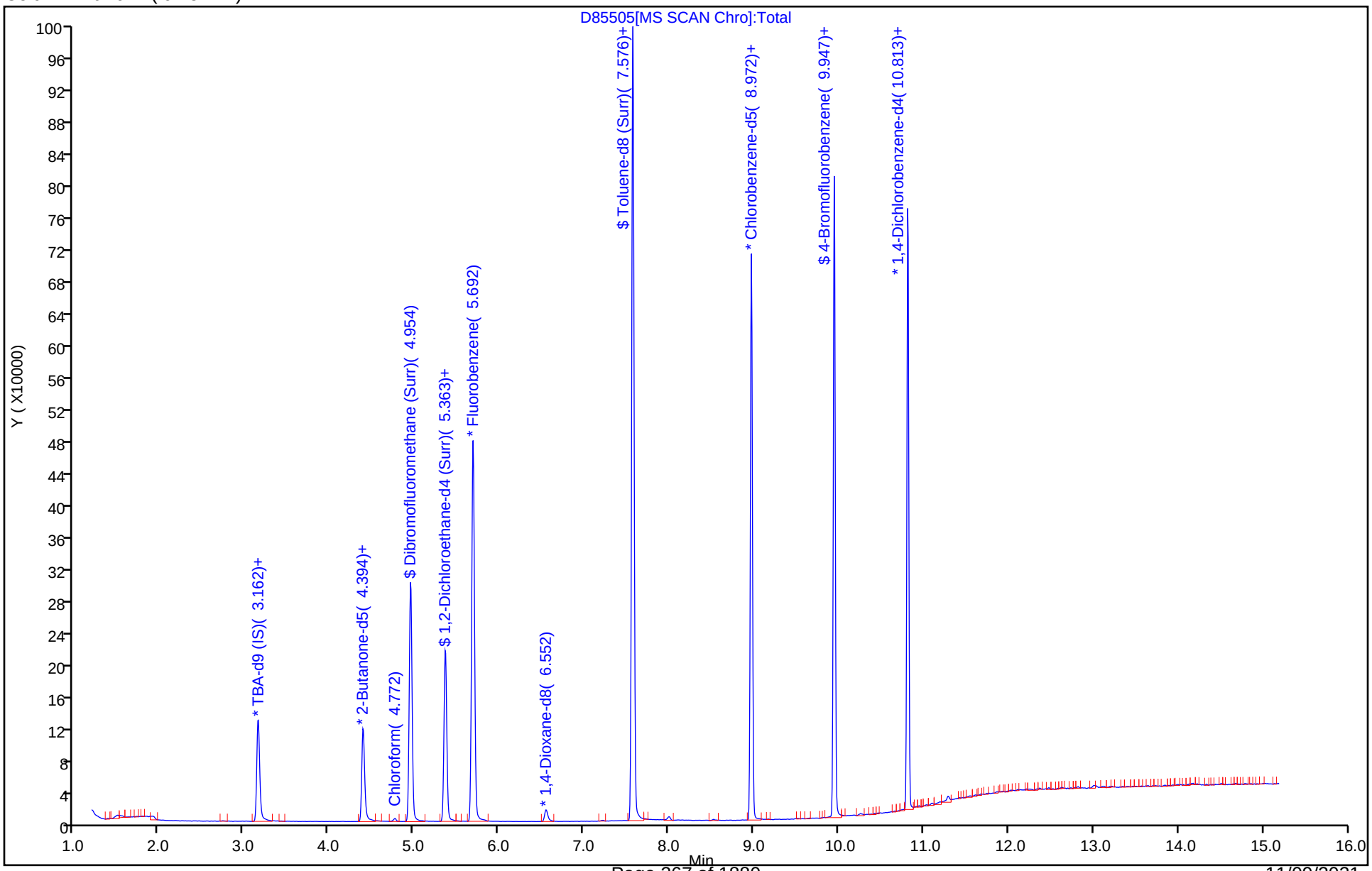
Report Date: 02-Nov-2021 12:19:32 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85505.D

Injection Date:	02-Nov-2021 10:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LB3 460-810288/1-A	Lab Sample ID:	460-246026-7	Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



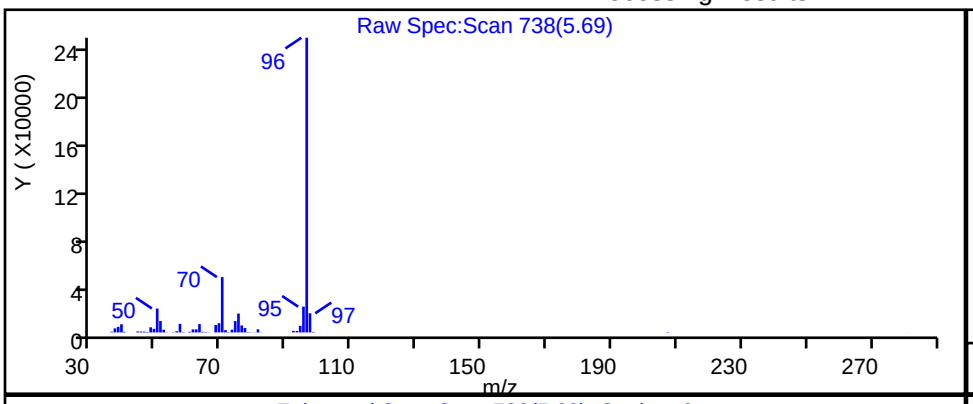
User Disabled Compound Report

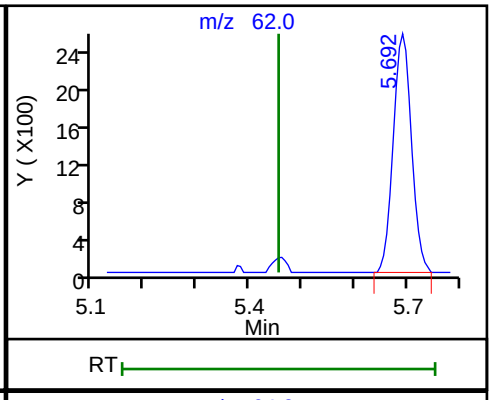
Eurofins TestAmerica, Edison

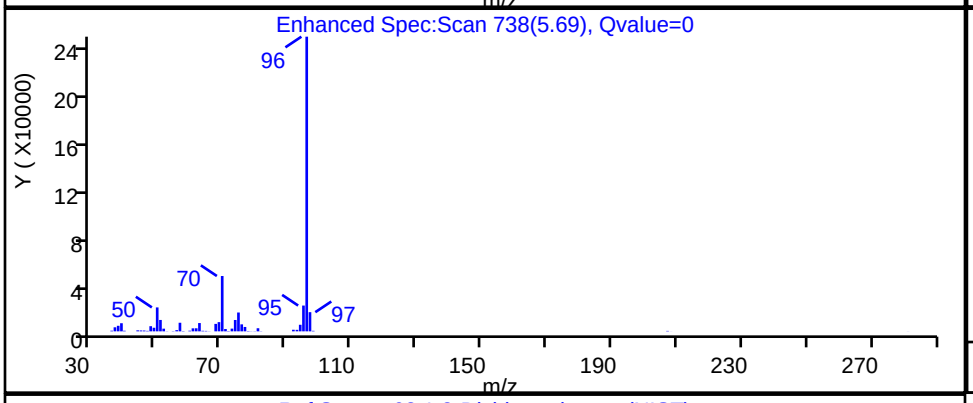
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85505.D		
Injection Date:	02-Nov-2021 10:26:30	Instrument ID:	CVOAMS4
Lims ID:	LB3 460-810288/1-A	Lab Sample ID:	460-246026-7
Client ID:			
Operator ID:		ALS Bottle#:	8 Worklist Smp#: 9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

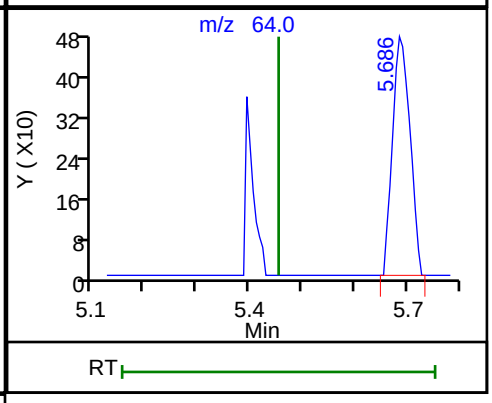
63 1,2-Dichloroethane, CAS: 107-06-2

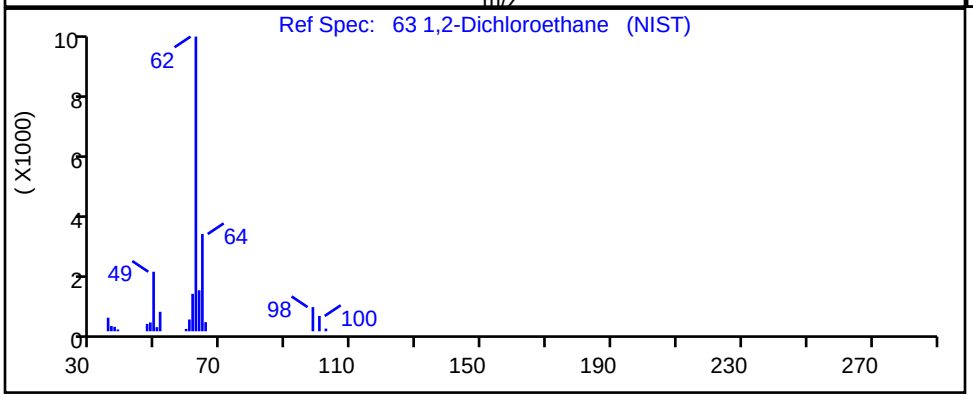
Processing Results











RT	Mass	Response	Amount
5.69	62.00	6249	1.094068
5.69	64.00	1109	

Reviewer: delpolitov, 02-Nov-2021 12:19:21

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810773/3

Matrix: Solid Lab File ID: D85499.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 07:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.0217		0.0010	0.00044
74-83-9	Bromomethane	0.0237		0.0020	0.0010
75-01-4	Vinyl chloride	0.0211		0.0010	0.00055
75-00-3	Chloroethane	0.0252		0.0010	0.00052
75-09-2	Methylene Chloride	0.0180		0.0020	0.0011
67-64-1	Acetone	0.0762		0.0060	0.0057
75-15-0	Carbon disulfide	0.0193		0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.0184		0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.0185		0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.0182		0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.0179		0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.0172		0.0010	0.00036
67-66-3	Chloroform	0.0170		0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.0153		0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.0723		0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.0166		0.0010	0.00023
56-23-5	Carbon tetrachloride	0.0162		0.0010	0.00039
75-27-4	Dichlorobromomethane	0.0164		0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.0180		0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0165		0.0010	0.00027
79-01-6	Trichloroethene	0.0169		0.0010	0.00032
124-48-1	Chlorodibromomethane	0.0152		0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.0171		0.0010	0.00018
71-43-2	Benzene	0.0178		0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0158		0.0010	0.00027
75-25-2	Bromoform	0.0150		0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0793		0.0050	0.0016
591-78-6	2-Hexanone	0.0778		0.0050	0.0017
127-18-4	Tetrachloroethene	0.0157		0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0184		0.0010	0.00021
108-88-3	Toluene	0.0163		0.0010	0.00023
108-90-7	Chlorobenzene	0.0159		0.0010	0.00018
100-41-4	Ethylbenzene	0.0163		0.0010	0.00020
100-42-5	Styrene	0.0168		0.0010	0.00028
1330-20-7	Xylenes, Total	0.0327		0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810773/3

Matrix: Solid Lab File ID: D85499.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 07:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0193		0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.0172		0.0010	0.00051
110-82-7	Cyclohexane	0.0190		0.0010	0.00022
106-93-4	Ethylene Dibromide	0.0162		0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.0168		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0169		0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.0169		0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.0197		0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.0163		0.0010	0.00036
123-91-1	1,4-Dioxane	0.321		0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.0176		0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.0176		0.0010	0.00046
74-97-5	Chlorobromomethane	0.0168		0.0010	0.00028
98-82-8	Isopropylbenzene	0.0170		0.0010	0.00029
79-20-9	Methyl acetate	0.0410		0.0050	0.0043
108-87-2	Methylcyclohexane	0.0184		0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		77-145
2037-26-5	Toluene-d8 (Surr)	89		80-120
460-00-4	4-Bromofluorobenzene	95		70-139
1868-53-7	Dibromofluoromethane (Surr)	97		48-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85499.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Nov-2021 07:19:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0136960-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 12:17:48 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: tupayachia Date: 02-Nov-2021 07:52:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.254	-0.006	0	54904	20.0	16.3	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	0	63180	20.0	18.9	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	0	163629	20.0	19.7	
5 Chlorodifluoromethane	51	1.303	1.309	-0.006	0	146396	20.0	18.9	
6 Chloromethane	50	1.455	1.455	0.000	0	151078	20.0	21.7	
8 Vinyl chloride	62	1.540	1.547	-0.007	0	166580	20.0	21.1	
7 Butadiene	54	1.571	1.571	0.000	0	151862	20.0	21.4	
9 Bromomethane	94	1.845	1.845	0.000	0	75554	20.0	23.7	
10 Chloroethane	64	1.943	1.943	0.000	0	89182	20.0	25.2	
13 Trichlorofluoromethane	101	2.138	2.144	-0.006	0	181960	20.0	18.4	
11 Dichlorofluoromethane	67	2.144	2.150	-0.006	0	203818	20.0	19.4	
12 Pentane	72	2.193	2.193	0.000	0	44848	40.0	42.0	
15 Ethanol	46	2.406	2.406	0.000	0	15056	800.0	820.4	
14 Ethyl ether	59	2.418	2.424	-0.006	0	75395	20.0	19.5	
16 2-Methyl-1,3-butadiene	53	2.430	2.431	0.000	0	99257	20.0	19.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.479	2.485	-0.006	0	104272	20.0	18.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.546	2.552	-0.006	0	181831	20.0	19.6	
20 112TCTFE	101	2.601	2.601	0.000	0	125339	20.0	19.3	
19 Acrolein	56	2.607	2.607	0.000	0	178755	304.2	257.5	
21 1,1-Dichloroethene	96	2.632	2.632	0.000	0	114623	20.0	18.5	
22 Acetone	43	2.747	2.748	-0.001	0	96352	100.0	76.2	
23 Iodomethane	142	2.790	2.790	0.000	0	154491	20.0	17.3	
24 Carbon disulfide	76	2.815	2.821	-0.006	0	421686	20.0	19.3	
25 Isopropyl alcohol	45	2.875	2.882	-0.007	0	46173	200.0	166.1	
26 3-Chloro-1-propene	76	2.997	2.997	0.000	0	68183	20.0	18.4	
28 Cyclopentene	67	3.010	3.010	0.000	0	289040	20.0	19.9	
27 Methyl acetate	43	3.028	3.028	0.000	0	99453	40.0	41.0	
29 Acetonitrile	40	3.077	3.083	-0.006	0	35473	200.0	159.6	
30 Methylene Chloride	84	3.144	3.144	0.000	0	117521	20.0	18.0	
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	270150	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.247	3.247	0.000	0	85365	200.0	160.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.333	3.333	0.000	0	240719	20.0	17.2	
34 trans-1,2-Dichloroethene	96	3.357	3.357	0.000	0	123703	20.0	17.9	
35 Acrylonitrile	53	3.449	3.449	0.000	0	255787	200.0	167.0	
36 Hexane	57	3.540	3.546	-0.006	0	186138	20.0	20.9	
37 Isopropyl ether	45	3.802	3.802	0.000	0	287208	20.0	19.6	
38 1,1-Dichloroethane	63	3.820	3.820	0.000	0	198265	20.0	18.2	
39 Vinyl acetate	86	3.857	3.857	0.000	0	35681	40.0	37.1	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	106163	20.0	18.4	
41 Tert-butyl ethyl ether	59	4.168	4.174	-0.006	0	269671	20.0	17.8	
43 2,2-Dichloropropane	79	4.387	4.394	-0.007	0	50594	20.0	16.2	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	96	235491	250.0	250.0	M
44 cis-1,2-Dichloroethene	96	4.430	4.436	-0.006	0	128152	20.0	17.2	
45 2-Butanone (MEK)	72	4.467	4.467	0.000	0	45630	100.0	72.3	
46 Ethyl acetate	70	4.485	4.485	0.000	0	17402	40.0	28.3	
47 Methyl acrylate	55	4.540	4.540	0.000	0	61580	20.0	19.1	
48 Propionitrile	54	4.613	4.619	-0.006	0	100380	200.0	160.6	
49 Chlorobromomethane	128	4.698	4.698	0.000	0	56681	20.0	16.8	
50 Tetrahydrofuran	72	4.698	4.698	0.000	0	19548	40.0	30.0	
51 Methacrylonitrile	67	4.735	4.735	0.000	0	310409	200.0	187.7	
52 Chloroform	83	4.771	4.778	-0.007	0	186112	20.0	17.0	
53 Cyclohexane	84	4.893	4.900	-0.007	0	184483	20.0	19.0	
54 1,1,1-Trichloroethane	97	4.918	4.924	-0.006	0	162345	20.0	16.6	
$ 55 Dibromofluoromethane (Surr)	113	4.960	4.961	0.000	0	243956	50.0	48.3	
56 Carbon tetrachloride	117	5.058	5.064	-0.006	0	143461	20.0	16.2	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	160244	20.0	18.0	
58 Isobutyl alcohol	43	5.314	5.320	-0.006	0	134600	500.0	420.8	
59 Benzene	78	5.338	5.338	0.000	0	447194	20.0	17.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	187067	50.0	44.4	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	76230	20.0	16.7	
62 Isopropyl acetate	61	5.454	5.460	-0.006	0	41790	20.0	17.8	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	0	100956	20.0	15.3	
64 n-Heptane	43	5.552	5.558	-0.006	0	174906	20.0	20.2	
* 65 Fluorobenzene	96	5.698	5.698	0.000	0	683320	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	120319	20.0	16.9	
66 n-Butanol	56	6.137	6.137	0.000	0	41782	500.0	373.5	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	212298	20.0	18.4	
69 Ethyl acrylate	55	6.308	6.314	-0.006	0	88758	20.0	17.7	
70 1,2-Dichloropropane	63	6.472	6.472	0.000	0	104858	20.0	18.0	
* 71 1,4-Dioxane-d8	96	6.558	6.558	0.000	0	24061	1000.0	1000.0	
72 Methyl methacrylate	100	6.606	6.607	-0.001	0	42101	40.0	34.1	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	18166	400.0	321.4	
74 Dibromomethane	93	6.625	6.631	-0.006	0	57566	20.0	16.8	
75 n-Propyl acetate	43	6.686	6.686	0.000	0	88124	20.0	18.2	
76 Dichlorobromomethane	83	6.820	6.826	-0.006	0	126267	20.0	16.4	
77 2-Nitropropane	41	7.186	7.192	-0.006	0	25410	40.0	27.7	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	25092	20.0	18.5	
79 Epichlorohydrin	57	7.301	7.302	-0.001	0	135547	400.0	304.9	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	160283	20.0	16.5	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	289418	100.0	79.3	
$ 82 Toluene-d8 (Surr)	98	7.576	7.582	-0.006	0	856922	50.0	44.6	
83 Toluene	91	7.649	7.649	0.000	0	455584	20.0	16.3	
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	128334	20.0	15.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	8.003	8.003	0.000	0	94142	20.0	17.3	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	69440	20.0	17.1	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	127672	20.0	15.7	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	132718	20.0	16.6	
89 2-Hexanone	43	8.362	8.362	0.000	0	200727	100.0	77.8	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	20435	20.0	16.8	
91 Chlorodibromomethane	129	8.478	8.484	-0.006	0	90466	20.0	15.2	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	79635	20.0	16.2	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	493043	50.0	50.0	
94 Chlorobenzene	112	8.996	9.002	-0.006	0	287535	20.0	15.9	
95 Ethylbenzene	106	9.069	9.069	0.000	0	160658	20.0	16.3	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	97741	20.0	15.9	
97 m-Xylene & p-Xylene	106	9.167	9.173	-0.006	0	199347	20.0	16.3	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	57605	20.0	17.3	
99 o-Xylene	106	9.502	9.502	0.000	0	188542	20.0	16.4	
100 Styrene	104	9.527	9.527	0.000	0	310643	20.0	16.8	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	109760	20.0	18.7	
102 Bromoform	173	9.697	9.703	-0.006	0	55915	20.0	15.0	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	512948	20.0	17.0	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	284964	50.0	47.6	
105 Bromobenzene	156	10.057	10.063	-0.006	0	121790	20.0	16.1	
106 1,1,2,2-Tetrachloroethane	83	10.087	10.088	-0.001	0	90757	20.0	18.4	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	609094	20.0	18.3	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	24003	20.0	16.7	
109 trans-1,4-Dichloro-2-butene	53	10.136	10.142	-0.006	0	21761	20.0	16.7	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	492524	20.0	17.5	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	383202	20.0	17.3	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	395021	20.0	16.8	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	349070	20.0	17.0	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	105240	20.0	17.7	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	371940	20.0	17.3	
116 1,2,4-Trimethylbenzene	105	10.526	10.533	-0.007	0	386091	20.0	16.8	
117 sec-Butylbenzene	105	10.642	10.642	0.000	0	571809	20.0	18.2	
118 4-Isopropyltoluene	119	10.746	10.752	-0.006	0	463797	20.0	17.4	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	232983	20.0	16.8	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	252319	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.831	10.837	-0.006	0	231098	20.0	16.9	
122 1,2,3-Trimethylbenzene	105	10.843	10.844	-0.001	0	388936	20.0	17.1	
123 Benzyl chloride	126	10.941	10.941	0.000	0	35350	20.0	16.2	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	414986	20.0	15.7	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	261595	20.0	17.0	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	247828	20.0	18.2	
127 1,2-Dichlorobenzene	146	11.106	11.112	-0.006	0	209085	20.0	16.9	
128 1,2,4,5-Tetramethylbenzene	119	11.599	11.606	-0.007	0	379044	20.0	16.5	
129 1,2-Dibromo-3-Chloropropane	157	11.703	11.703	0.000	0	16783	20.0	17.6	
130 1,3,5-Trichlorobenzene	180	11.819	11.819	0.000	0	160768	20.0	15.5	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	127449	20.0	16.3	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	94	84072	20.0	15.0	
133 Naphthalene	128	12.642	12.642	0.000	0	225391	20.0	18.5	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	106350	20.0	17.6	
S 135 1,2-Dichloroethene, Total	100				0		40.0	35.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	32.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	32.7	
S 138 Total BTEX	1				0		100.0	83.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00145	Amount Added:	2.00	Units: uL		
ACROLEIN W_00132	Amount Added:	3.00	Units: uL		
524freon_00044	Amount Added:	2.00	Units: uL		
GASES Li_00445	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

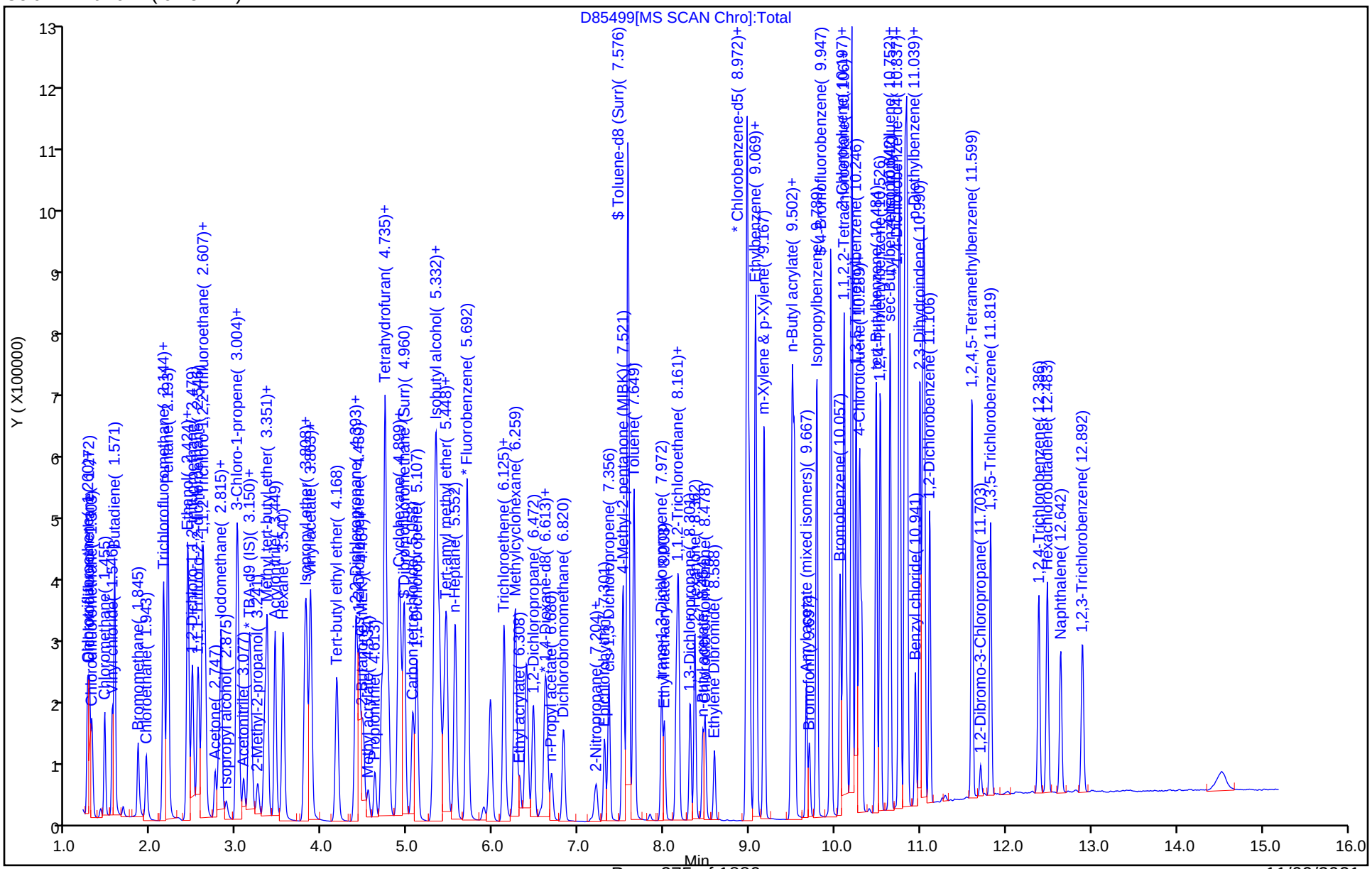
Report Date: 02-Nov-2021 12:17:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85499.D

Injection Date:	02-Nov-2021 07:19:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

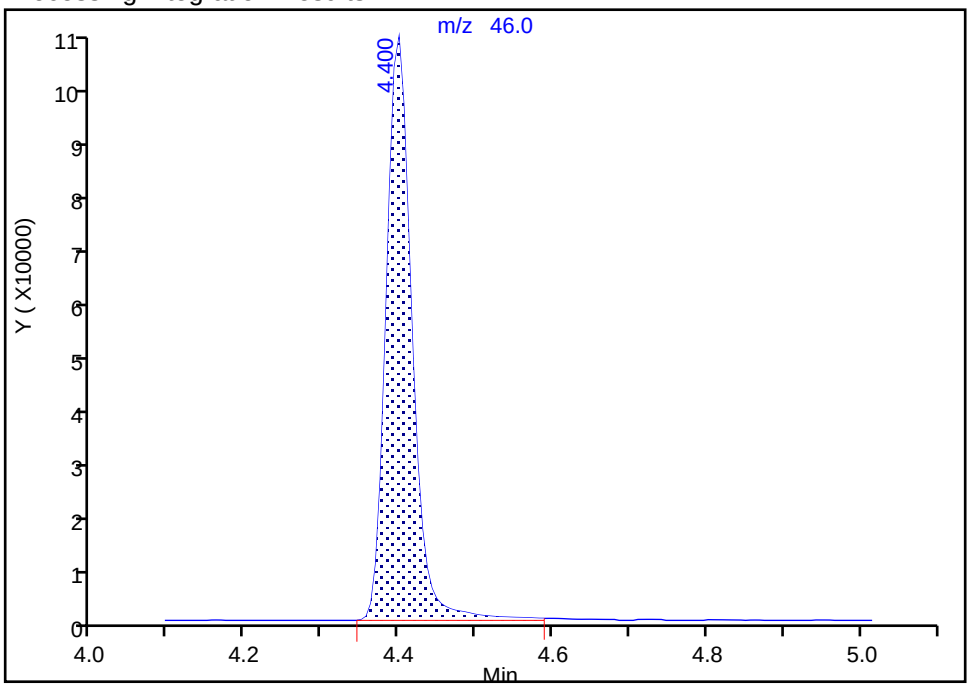
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85499.D
Injection Date: 02-Nov-2021 07:19:30 Instrument ID: CVOAMS4
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

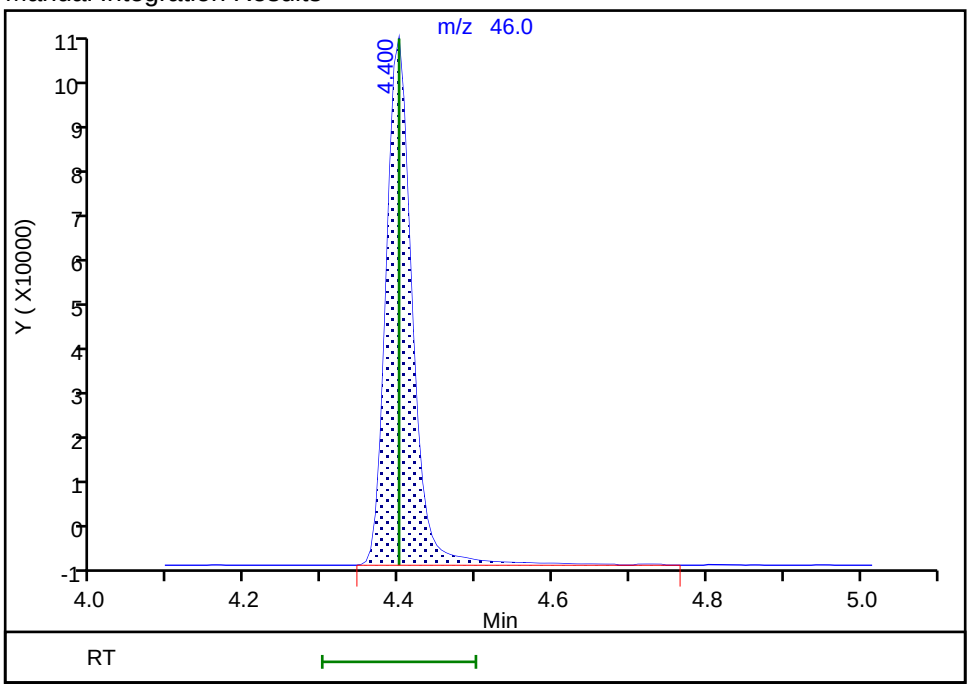
Processing Integration Results

RT: 4.40
Area: 233832
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.40
Area: 235491
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 02-Nov-2021 12:17:16
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810922/3

Matrix: Solid Lab File ID: D85531.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 19:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.0229		0.0010	0.00044
74-83-9	Bromomethane	0.0241		0.0020	0.0010
75-01-4	Vinyl chloride	0.0215		0.0010	0.00055
75-00-3	Chloroethane	0.0250		0.0010	0.00052
75-09-2	Methylene Chloride	0.0200		0.0020	0.0011
67-64-1	Acetone	0.0854		0.0060	0.0057
75-15-0	Carbon disulfide	0.0217		0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.0196		0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.0206		0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.0201		0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.0200		0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.0192		0.0010	0.00036
67-66-3	Chloroform	0.0186		0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.0170		0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.0803		0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.0181		0.0010	0.00023
56-23-5	Carbon tetrachloride	0.0177		0.0010	0.00039
75-27-4	Dichlorobromomethane	0.0180		0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.0203		0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0184		0.0010	0.00027
79-01-6	Trichloroethene	0.0191		0.0010	0.00032
124-48-1	Chlorodibromomethane	0.0166		0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.0193		0.0010	0.00018
71-43-2	Benzene	0.0198		0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0180		0.0010	0.00027
75-25-2	Bromoform	0.0169		0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0885		0.0050	0.0016
591-78-6	2-Hexanone	0.0876		0.0050	0.0017
127-18-4	Tetrachloroethene	0.0174		0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0207		0.0010	0.00021
108-88-3	Toluene	0.0183		0.0010	0.00023
108-90-7	Chlorobenzene	0.0179		0.0010	0.00018
100-41-4	Ethylbenzene	0.0179		0.0010	0.00020
100-42-5	Styrene	0.0184		0.0010	0.00028
1330-20-7	Xylenes, Total	0.0358		0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810922/3

Matrix: Solid Lab File ID: D85531.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 19:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0214		0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.0191		0.0010	0.00051
110-82-7	Cyclohexane	0.0208		0.0010	0.00022
106-93-4	Ethylene Dibromide	0.0181		0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.0185		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0187		0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.0183		0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.0213		0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.0177		0.0010	0.00036
123-91-1	1,4-Dioxane	0.367		0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.0184		0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.0193		0.0010	0.00046
74-97-5	Chlorobromomethane	0.0184		0.0010	0.00028
98-82-8	Isopropylbenzene	0.0180		0.0010	0.00029
79-20-9	Methyl acetate	0.0441		0.0050	0.0043
108-87-2	Methylcyclohexane	0.0194		0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		77-145
2037-26-5	Toluene-d8 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene	102		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85531.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 02-Nov-2021 19:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0137006-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 15:31:22 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: parekhv Date: 02-Nov-2021 20:54:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	0	64298	20.0	19.9	
3 1,1-Difluoroethane	65	1.254	1.260	-0.006	0	69558	20.0	21.7	
4 Dichlorodifluoromethane	85	1.272	1.278	-0.006	0	168827	20.0	21.3	
5 Chlorodifluoromethane	51	1.297	1.303	-0.006	0	160033	20.0	21.6	
6 Chloromethane	50	1.449	1.455	-0.006	0	152265	20.0	22.9	
8 Vinyl chloride	62	1.540	1.546	-0.006	0	162752	20.0	21.5	
7 Butadiene	54	1.565	1.571	-0.006	0	155887	20.0	22.9	
9 Bromomethane	94	1.839	1.845	-0.006	0	73909	20.0	24.1	
10 Chloroethane	64	1.937	1.943	-0.006	0	84636	20.0	25.0	
13 Trichlorofluoromethane	101	2.138	2.144	-0.006	0	185043	20.0	19.6	
11 Dichlorofluoromethane	67	2.138	2.144	-0.006	0	207502	20.0	20.7	
12 Pentane	72	2.187	2.193	-0.006	0	45666	40.0	44.6	
15 Ethanol	46	2.400	2.406	-0.006	0	16174	800.0	902.9	
14 Ethyl ether	59	2.418	2.424	-0.006	0	80064	20.0	21.6	
16 2-Methyl-1,3-butadiene	53	2.424	2.430	-0.006	0	105409	20.0	22.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.479	2.485	-0.006	0	110567	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.546	2.546	0.000	0	194764	20.0	21.9	
20 112TCTFE	101	2.595	2.601	-0.006	0	133163	20.0	21.4	
19 Acrolein	56	2.601	2.607	-0.006	0	213925	304.2	315.6	
21 1,1-Dichloroethene	96	2.626	2.632	-0.006	0	122674	20.0	20.6	
22 Acetone	43	2.741	2.747	-0.006	0	102912	100.0	85.4	
23 Iodomethane	142	2.784	2.790	-0.006	0	158861	20.0	18.6	
24 Carbon disulfide	76	2.815	2.821	-0.006	0	453494	20.0	21.7	
25 Isopropyl alcohol	45	2.876	2.882	-0.006	0	51589	200.0	190.9	
26 3-Chloro-1-propene	76	2.991	2.997	-0.006	0	74371	20.0	20.9	
28 Cyclopentene	67	3.004	3.010	-0.006	0	309846	20.0	22.2	
27 Methyl acetate	43	3.022	3.028	-0.006	0	102231	40.0	44.1	
29 Acetonitrile	40	3.077	3.083	-0.006	0	36548	200.0	168.4	
30 Methylene Chloride	84	3.138	3.144	-0.006	0	124711	20.0	20.0	
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	263801	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.241	3.247	-0.006	0	91590	200.0	176.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.327	3.333	-0.006	0	254617	20.0	19.1	
34 trans-1,2-Dichloroethene	96	3.351	3.357	-0.006	0	131978	20.0	20.0	
35 Acrylonitrile	53	3.442	3.449	-0.006	0	268431	200.0	179.5	
36 Hexane	57	3.540	3.546	-0.006	0	188497	20.0	22.1	
37 Isopropyl ether	45	3.796	3.802	-0.006	0	313126	20.0	22.3	
38 1,1-Dichloroethane	63	3.814	3.820	-0.006	0	209246	20.0	20.1	
39 Vinyl acetate	86	3.857	3.863	-0.006	0	36032	40.0	39.1	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	114029	20.0	20.6	
41 Tert-butyl ethyl ether	59	4.168	4.174	-0.006	0	291140	20.0	20.0	
43 2,2-Dichloropropane	79	4.387	4.393	-0.006	0	53834	20.0	18.0	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	225881	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.430	4.436	-0.006	0	136673	20.0	19.2	
45 2-Butanone (MEK)	72	4.461	4.467	-0.006	0	48606	100.0	80.3	
46 Ethyl acetate	70	4.485	4.485	0.000	0	17972	40.0	30.5	
47 Methyl acrylate	55	4.534	4.540	-0.006	0	65150	20.0	21.1	
48 Propionitrile	54	4.613	4.619	-0.006	0	102951	200.0	171.7	
49 Chlorobromomethane	128	4.692	4.698	-0.006	0	59483	20.0	18.4	
50 Tetrahydrofuran	72	4.692	4.698	-0.006	0	20414	40.0	32.8	
51 Methacrylonitrile	67	4.735	4.741	-0.006	0	328339	200.0	207.3	
52 Chloroform	83	4.772	4.778	-0.006	0	194717	20.0	18.6	
53 Cyclohexane	84	4.893	4.899	-0.006	0	193694	20.0	20.8	
54 1,1,1-Trichloroethane	97	4.918	4.924	-0.006	0	169731	20.0	18.1	
$ 55 Dibromofluoromethane (Surr)	113	4.960	4.960	0.000	0	247509	50.0	51.2	
56 Carbon tetrachloride	117	5.058	5.064	-0.006	0	149613	20.0	17.7	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	170755	20.0	20.0	
58 Isobutyl alcohol	43	5.314	5.320	-0.006	0	136591	500.0	437.3	
59 Benzene	78	5.338	5.338	0.000	0	476667	20.0	19.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	192818	50.0	47.8	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	82539	20.0	18.9	
62 Isopropyl acetate	61	5.454	5.460	-0.006	0	45391	20.0	20.2	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	0	107248	20.0	17.0	
64 n-Heptane	43	5.552	5.558	-0.006	0	156390	20.0	18.8	
* 65 Fluorobenzene	96	5.692	5.698	-0.006	0	654309	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	129733	20.0	19.1	
66 n-Butanol	56	6.137	6.137	0.000	0	48968	500.0	448.3	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	214865	20.0	19.4	
69 Ethyl acrylate	55	6.308	6.314	-0.006	0	94637	20.0	19.7	
70 1,2-Dichloropropane	63	6.472	6.472	0.000	0	113444	20.0	20.3	
* 71 1,4-Dioxane-d8	96	6.558	6.564	-0.006	0	23715	1000.0	1000.0	
72 Methyl methacrylate	100	6.607	6.606	0.000	0	44483	40.0	37.6	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	20439	400.0	366.9	
74 Dibromomethane	93	6.625	6.631	-0.006	0	60791	20.0	18.5	
75 n-Propyl acetate	43	6.686	6.686	0.000	0	97116	20.0	20.9	
76 Dichlorobromomethane	83	6.820	6.826	-0.006	0	132791	20.0	18.0	
77 2-Nitropropane	41	7.186	7.192	-0.006	0	26920	40.0	30.7	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	25263	20.0	19.4	
79 Epichlorohydrin	57	7.301	7.308	-0.007	0	143177	400.0	335.8	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	171007	20.0	18.4	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	310069	100.0	88.5	
$ 82 Toluene-d8 (Surr)	98	7.576	7.582	-0.006	0	891691	50.0	48.5	
83 Toluene	91	7.649	7.649	0.000	0	490680	20.0	18.3	
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	139434	20.0	18.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	8.003	8.009	-0.006	0	101670	20.0	19.5	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	75024	20.0	19.3	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	135000	20.0	17.4	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	140916	20.0	18.4	
89 2-Hexanone	43	8.362	8.362	0.000	0	216731	100.0	87.6	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	21319	20.0	18.3	
91 Chlorodibromomethane	129	8.478	8.484	-0.006	0	94455	20.0	16.6	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	84921	20.0	18.1	
* 93 Chlorobenzene-d5	117	8.972	8.978	-0.006	0	472019	50.0	50.0	
94 Chlorobenzene	112	8.996	9.002	-0.006	0	309960	20.0	17.9	
95 Ethylbenzene	106	9.069	9.069	0.000	0	169360	20.0	17.9	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	105242	20.0	17.9	
97 m-Xylene & p-Xylene	106	9.167	9.173	-0.006	0	211299	20.0	18.0	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	59496	20.0	18.6	
99 o-Xylene	106	9.502	9.502	0.000	0	195743	20.0	17.8	
100 Styrene	104	9.527	9.527	0.000	0	325665	20.0	18.4	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	115732	20.0	20.7	
102 Bromoform	173	9.703	9.703	0.000	0	60279	20.0	16.9	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	519728	20.0	18.0	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	290033	50.0	50.9	
105 Bromobenzene	156	10.063	10.063	0.000	0	129685	20.0	18.0	
106 1,1,2,2-Tetrachloroethane	83	10.088	10.094	-0.006	0	97159	20.0	20.7	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	628703	20.0	19.8	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	25801	20.0	18.9	
109 trans-1,4-Dichloro-2-butene	53	10.136	10.142	-0.006	0	23713	20.0	19.1	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	508683	20.0	19.0	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	400160	20.0	19.0	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	407889	20.0	18.3	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	370412	20.0	18.9	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	113443	20.0	20.1	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	363161	20.0	17.7	
116 1,2,4-Trimethylbenzene	105	10.526	10.532	-0.006	0	398829	20.0	18.2	
117 sec-Butylbenzene	105	10.642	10.648	-0.006	0	553253	20.0	18.5	
118 4-Isopropyltoluene	119	10.752	10.752	0.000	0	450785	20.0	17.7	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	244413	20.0	18.5	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	240129	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.837	10.837	0.000	0	243006	20.0	18.7	
122 1,2,3-Trimethylbenzene	105	10.843	10.843	0.000	0	405247	20.0	18.7	
123 Benzyl chloride	126	10.941	10.941	0.000	0	39375	20.0	18.9	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	430968	20.0	17.0	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	260963	20.0	17.9	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	236423	20.0	18.2	
127 1,2-Dichlorobenzene	146	11.106	11.112	-0.006	0	215755	20.0	18.3	
128 1,2,4,5-Tetramethylbenzene	119	11.606	11.605	0.001	0	375139	20.0	17.1	
129 1,2-Dibromo-3-Chloropropane	157	11.703	11.709	-0.006	0	17544	20.0	19.3	
130 1,3,5-Trichlorobenzene	180	11.819	11.825	-0.006	0	164380	20.0	16.6	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	131967	20.0	17.7	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	0	71474	20.0	13.4	
133 Naphthalene	128	12.642	12.642	0.000	0	236365	20.0	20.4	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	106236	20.0	18.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	35.8	
S 138 Total BTEX	1				0		100.0	91.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00145	Amount Added:	2.00	Units: uL		
ACROLEIN W_00132	Amount Added:	3.00	Units: uL		
524freon_00044	Amount Added:	2.00	Units: uL		
GASES Li_00445	Amount Added:	2.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent	

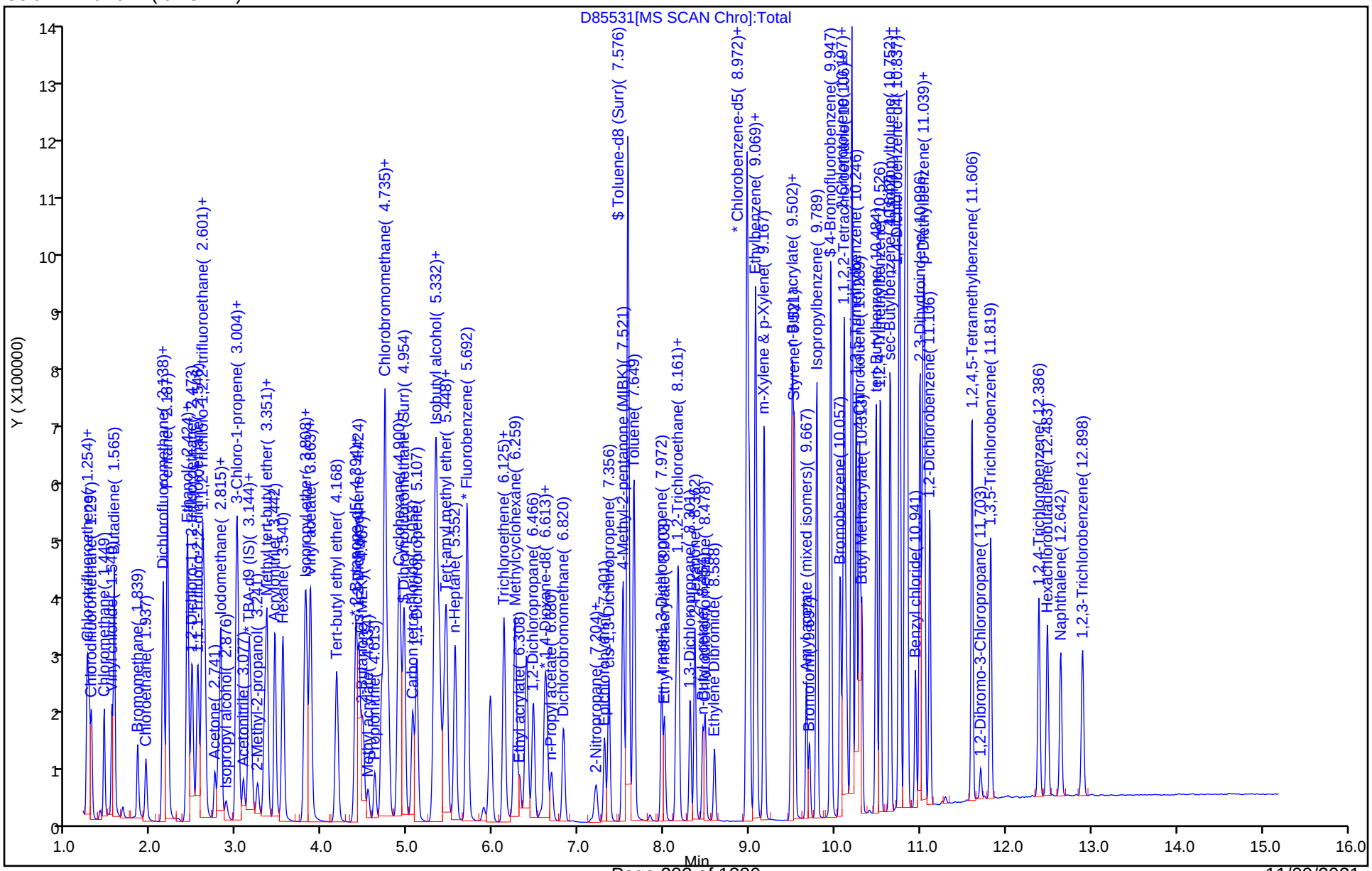
Report Date: 03-Nov-2021 15:32:06 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85531.D

Injection Date:	02-Nov-2021 19:44:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810773/4

Matrix: Solid Lab File ID: D85500.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 07:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.0237		0.0010	0.00044
74-83-9	Bromomethane	0.0251		0.0020	0.0010
75-01-4	Vinyl chloride	0.0222		0.0010	0.00055
75-00-3	Chloroethane	0.0271		0.0010	0.00052
75-09-2	Methylene Chloride	0.0203		0.0020	0.0011
67-64-1	Acetone	0.0845		0.0060	0.0057
75-15-0	Carbon disulfide	0.0219		0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.0200		0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.0210		0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.0205		0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.0204		0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.0196		0.0010	0.00036
67-66-3	Chloroform	0.0191		0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.0173		0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.0813		0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.0188		0.0010	0.00023
56-23-5	Carbon tetrachloride	0.0183		0.0010	0.00039
75-27-4	Dichlorobromomethane	0.0187		0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.0204		0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0185		0.0010	0.00027
79-01-6	Trichloroethene	0.0192		0.0010	0.00032
124-48-1	Chlorodibromomethane	0.0171		0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.0193		0.0010	0.00018
71-43-2	Benzene	0.0199		0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0179		0.0010	0.00027
75-25-2	Bromoform	0.0173		0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0911		0.0050	0.0016
591-78-6	2-Hexanone	0.0886		0.0050	0.0017
127-18-4	Tetrachloroethene	0.0177		0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0209		0.0010	0.00021
108-88-3	Toluene	0.0188		0.0010	0.00023
108-90-7	Chlorobenzene	0.0180		0.0010	0.00018
100-41-4	Ethylbenzene	0.0182		0.0010	0.00020
100-42-5	Styrene	0.0187		0.0010	0.00028
1330-20-7	Xylenes, Total	0.0365		0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810773/4

Matrix: Solid Lab File ID: D85500.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 07:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810773 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0220		0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.0196		0.0010	0.00051
110-82-7	Cyclohexane	0.0215		0.0010	0.00022
106-93-4	Ethylene Dibromide	0.0184		0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.0190		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0190		0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.0188		0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.0217		0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.0182		0.0010	0.00036
123-91-1	1,4-Dioxane	0.339		0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.0193		0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.0190		0.0010	0.00046
74-97-5	Chlorobromomethane	0.0192		0.0010	0.00028
98-82-8	Isopropylbenzene	0.0188		0.0010	0.00029
79-20-9	Methyl acetate	0.0457		0.0050	0.0043
108-87-2	Methylcyclohexane	0.0209		0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		77-145
2037-26-5	Toluene-d8 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene	102		70-139
1868-53-7	Dibromofluoromethane (Surr)	104		48-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85500.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Nov-2021 07:41:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0136960-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 02-Nov-2021 12:17:48 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: delpolitov Date: 02-Nov-2021 12:18:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.254	-0.006	0	57623	20.0	18.2	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	0	64830	20.0	20.6	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	0	168807	20.0	21.7	
5 Chlorodifluoromethane	51	1.303	1.309	-0.006	0	152324	20.0	21.0	
6 Chloromethane	50	1.449	1.455	-0.006	0	154699	20.0	23.7	
8 Vinyl chloride	62	1.540	1.547	-0.007	0	164392	20.0	22.2	
7 Butadiene	54	1.571	1.571	0.000	0	155490	20.0	23.3	
9 Bromomethane	94	1.845	1.845	0.000	0	74852	20.0	25.1	
10 Chloroethane	64	1.937	1.943	-0.006	0	90133	20.0	27.1	
13 Trichlorofluoromethane	101	2.138	2.144	-0.006	0	185747	20.0	20.0	
11 Dichlorofluoromethane	67	2.144	2.150	-0.006	0	210777	20.0	21.4	
12 Pentane	72	2.193	2.193	0.000	0	47508	40.0	47.3	
15 Ethanol	46	2.406	2.406	0.000	0	15987	800.0	926.7	
14 Ethyl ether	59	2.418	2.424	-0.006	0	80812	20.0	22.3	
16 2-Methyl-1,3-butadiene	53	2.424	2.431	-0.006	0	105002	20.0	22.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.479	2.485	-0.006	0	105346	20.0	20.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.546	2.552	-0.006	0	185188	20.0	21.2	
20 112TCTFE	101	2.595	2.601	-0.006	0	133840	20.0	22.0	
19 Acrolein	56	2.601	2.607	-0.006	0	183319	304.2	280.8	
21 1,1-Dichloroethene	96	2.632	2.632	0.000	0	122552	20.0	21.0	
22 Acetone	43	2.748	2.748	0.000	0	98908	100.0	84.5	
23 Iodomethane	142	2.790	2.790	0.000	0	167146	20.0	19.9	
24 Carbon disulfide	76	2.815	2.821	-0.006	0	448849	20.0	21.9	
25 Isopropyl alcohol	45	2.876	2.882	-0.006	0	47903	200.0	183.8	
26 3-Chloro-1-propene	76	2.998	2.997	0.001	0	70914	20.0	20.4	
28 Cyclopentene	67	3.010	3.010	0.000	0	308229	20.0	22.6	
27 Methyl acetate	43	3.022	3.028	-0.006	0	103934	40.0	45.7	
29 Acetonitrile	40	3.077	3.083	-0.006	0	36833	200.0	176.2	
30 Methylene Chloride	84	3.144	3.144	0.000	0	124196	20.0	20.3	
* 31 TBA-d9 (IS)	65	3.162	3.168	-0.006	0	254074	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.241	3.247	-0.006	0	88266	200.0	176.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.327	3.333	-0.006	0	256449	20.0	19.6	
34 trans-1,2-Dichloroethene	96	3.357	3.357	0.000	0	132031	20.0	20.4	
35 Acrylonitrile	53	3.449	3.449	0.000	0	268917	200.0	186.7	
36 Hexane	57	3.540	3.546	-0.006	0	196599	20.0	23.5	
37 Isopropyl ether	45	3.796	3.802	-0.006	0	308271	20.0	22.3	
38 1,1-Dichloroethane	63	3.814	3.820	-0.006	0	208763	20.0	20.5	
39 Vinyl acetate	86	3.857	3.857	0.000	0	37037	40.0	41.0	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	113433	20.0	20.9	
41 Tert-butyl ethyl ether	59	4.168	4.174	-0.006	0	285885	20.0	20.1	
43 2,2-Dichloropropane	79	4.387	4.394	-0.007	0	52373	20.0	17.8	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	219463	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.430	4.436	-0.006	0	136901	20.0	19.6	
45 2-Butanone (MEK)	72	4.461	4.467	-0.006	0	47831	100.0	81.3	
46 Ethyl acetate	70	4.485	4.485	0.000	0	17685	40.0	30.9	
47 Methyl acrylate	55	4.540	4.540	0.000	0	65005	20.0	21.5	
48 Propionitrile	54	4.613	4.619	-0.006	0	105453	200.0	181.0	
49 Chlorobromomethane	128	4.698	4.698	0.000	0	60708	20.0	19.2	
50 Tetrahydrofuran	72	4.692	4.698	-0.006	0	20468	40.0	33.9	
51 Methacrylonitrile	67	4.735	4.735	0.000	0	326753	200.0	210.3	
52 Chloroform	83	4.772	4.778	-0.006	0	196212	20.0	19.1	
53 Cyclohexane	84	4.893	4.900	-0.007	0	195985	20.0	21.5	
54 1,1,1-Trichloroethane	97	4.918	4.924	-0.006	0	172426	20.0	18.8	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.001	0	247752	50.0	52.2	
56 Carbon tetrachloride	117	5.058	5.064	-0.006	0	151718	20.0	18.3	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	170777	20.0	20.4	
58 Isobutyl alcohol	43	5.314	5.320	-0.006	0	142475	500.0	473.6	
59 Benzene	78	5.339	5.338	0.001	0	473592	20.0	19.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	193289	50.0	48.8	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	81228	20.0	19.0	
62 Isopropyl acetate	61	5.454	5.460	-0.006	0	44959	20.0	20.4	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	0	106926	20.0	17.3	
64 n-Heptane	43	5.552	5.558	-0.006	0	180403	20.0	22.2	
* 65 Fluorobenzene	96	5.692	5.698	-0.006	0	641982	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	128251	20.0	19.2	
66 n-Butanol	56	6.131	6.137	-0.006	0	44866	500.0	426.5	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	226318	20.0	20.9	
69 Ethyl acrylate	55	6.308	6.314	-0.006	0	94353	20.0	20.0	
70 1,2-Dichloropropane	63	6.466	6.472	-0.006	0	111792	20.0	20.4	
* 71 1,4-Dioxane-d8	96	6.558	6.558	0.000	0	24268	1000.0	1000.0	
72 Methyl methacrylate	100	6.607	6.607	0.000	0	44321	40.0	38.2	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	19332	400.0	339.2	
74 Dibromomethane	93	6.625	6.631	-0.006	0	60194	20.0	18.7	
75 n-Propyl acetate	43	6.680	6.686	-0.006	0	93895	20.0	20.6	
76 Dichlorobromomethane	83	6.820	6.826	-0.006	0	134853	20.0	18.7	
77 2-Nitropropane	41	7.186	7.192	-0.006	0	26571	40.0	30.9	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	25226	20.0	19.8	
79 Epichlorohydrin	57	7.302	7.302	0.000	0	140892	400.0	340.1	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	169408	20.0	18.5	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	310103	100.0	91.1	
$ 82 Toluene-d8 (Surr)	98	7.576	7.582	-0.006	0	887474	50.0	48.8	
83 Toluene	91	7.649	7.649	0.000	0	497595	20.0	18.8	
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	137648	20.0	17.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	8.003	8.003	0.000	0	100479	20.0	19.6	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	74523	20.0	19.3	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	136464	20.0	17.7	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	140461	20.0	18.5	
89 2-Hexanone	43	8.356	8.362	-0.006	0	213103	100.0	88.6	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	21802	20.0	18.9	
91 Chlorodibromomethane	129	8.478	8.484	-0.006	0	96341	20.0	17.1	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	85610	20.0	18.4	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	467215	50.0	50.0	
94 Chlorobenzene	112	8.996	9.002	-0.006	0	309979	20.0	18.0	
95 Ethylbenzene	106	9.063	9.069	-0.006	0	169816	20.0	18.2	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	103208	20.0	17.8	
97 m-Xylene & p-Xylene	106	9.167	9.173	-0.006	0	211502	20.0	18.2	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	57481	20.0	18.2	
99 o-Xylene	106	9.502	9.502	0.000	0	198562	20.0	18.3	
100 Styrene	104	9.527	9.527	0.000	0	328004	20.0	18.7	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	116133	20.0	20.9	
102 Bromoform	173	9.697	9.703	-0.006	0	61264	20.0	17.3	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	537420	20.0	18.8	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	287726	50.0	50.8	
105 Bromobenzene	156	10.057	10.063	-0.006	0	129540	20.0	18.0	
106 1,1,2,2-Tetrachloroethane	83	10.088	10.088	0.000	0	97167	20.0	20.9	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	644434	20.0	20.4	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	25781	20.0	19.0	
109 trans-1,4-Dichloro-2-butene	53	10.136	10.142	-0.006	0	23322	20.0	18.9	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	525045	20.0	19.7	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	405372	20.0	19.4	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	417950	20.0	18.8	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	372431	20.0	19.1	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	113038	20.0	20.1	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	387594	20.0	19.0	
116 1,2,4-Trimethylbenzene	105	10.527	10.533	-0.006	0	410855	20.0	18.8	
117 sec-Butylbenzene	105	10.642	10.642	0.000	0	601982	20.0	20.3	
118 4-Isopropyltoluene	119	10.752	10.752	0.000	0	493370	20.0	19.5	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	249067	20.0	19.0	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	238793	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.837	10.837	0.000	0	246079	20.0	19.0	
122 1,2,3-Trimethylbenzene	105	10.844	10.844	0.000	0	415238	20.0	19.3	
123 Benzyl chloride	126	10.941	10.941	0.000	0	35887	20.0	17.3	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	443065	20.0	17.9	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	280696	20.0	19.3	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	263570	20.0	20.4	
127 1,2-Dichlorobenzene	146	11.106	11.112	-0.006	0	220410	20.0	18.8	
128 1,2,4,5-Tetramethylbenzene	119	11.606	11.606	0.000	0	401624	20.0	18.4	
129 1,2-Dibromo-3-Chloropropane	157	11.703	11.703	0.000	0	17114	20.0	19.0	
130 1,3,5-Trichlorobenzene	180	11.819	11.819	0.000	0	174107	20.0	17.7	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	135200	20.0	18.2	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	0	87375	20.0	16.5	
133 Naphthalene	128	12.642	12.642	0.000	0	235167	20.0	20.4	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	110605	20.0	19.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.9	
S 136 1,3-Dichloropropene, Total	100				0		40.0	36.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	36.5	
S 138 Total BTEX	1				0		100.0	93.3	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00145	Amount Added:	2.00	Units: uL	
ACROLEIN W_00132	Amount Added:	3.00	Units: uL	
524freon_00044	Amount Added:	2.00	Units: uL	
GASES Li_00445	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 12:18:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-136960.b\D85500.D

Injection Date: 02-Nov-2021 07:41:30 Instrument ID: CVOAMS4 Operator ID:

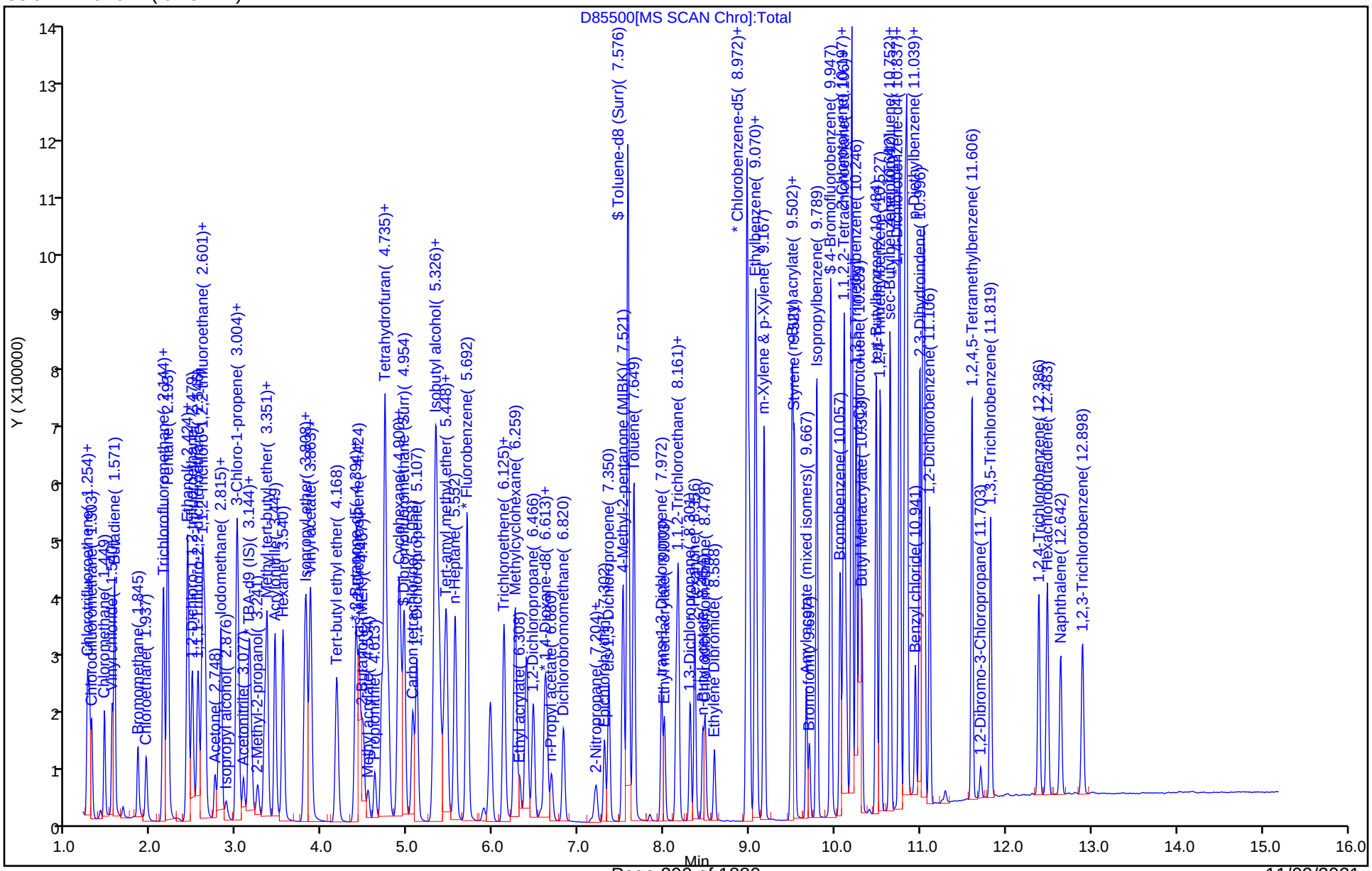
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810922/5

Matrix: Solid Lab File ID: D85533.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 20:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.0245		0.0010	0.00044
74-83-9	Bromomethane	0.0216		0.0020	0.0010
75-01-4	Vinyl chloride	0.0233		0.0010	0.00055
75-00-3	Chloroethane	0.0268		0.0010	0.00052
75-09-2	Methylene Chloride	0.0214		0.0020	0.0011
67-64-1	Acetone	0.0874		0.0060	0.0057
75-15-0	Carbon disulfide	0.0239		0.0010	0.00027
75-69-4	Trichlorofluoromethane	0.0217		0.0010	0.00041
75-35-4	1,1-Dichloroethene	0.0229		0.0010	0.00023
75-34-3	1,1-Dichloroethane	0.0220		0.0010	0.00021
156-60-5	trans-1,2-Dichloroethene	0.0219		0.0010	0.00025
156-59-2	cis-1,2-Dichloroethene	0.0207		0.0010	0.00036
67-66-3	Chloroform	0.0201		0.0010	0.00097
107-06-2	1,2-Dichloroethane	0.0187		0.0010	0.00030
78-93-3	2-Butanone (MEK)	0.0829		0.0050	0.00037
71-55-6	1,1,1-Trichloroethane	0.0204		0.0010	0.00023
56-23-5	Carbon tetrachloride	0.0199		0.0010	0.00039
75-27-4	Dichlorobromomethane	0.0198		0.0010	0.00026
78-87-5	1,2-Dichloropropane	0.0221		0.0010	0.00042
10061-01-5	cis-1,3-Dichloropropene	0.0199		0.0010	0.00027
79-01-6	Trichloroethene	0.0213		0.0010	0.00032
124-48-1	Chlorodibromomethane	0.0182		0.0010	0.00019
79-00-5	1,1,2-Trichloroethane	0.0210		0.0010	0.00018
71-43-2	Benzene	0.0216		0.0010	0.00026
10061-02-6	trans-1,3-Dichloropropene	0.0192		0.0010	0.00027
75-25-2	Bromoform	0.0189		0.0010	0.00043
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0909		0.0050	0.0016
591-78-6	2-Hexanone	0.0896		0.0050	0.0017
127-18-4	Tetrachloroethene	0.0193		0.0010	0.00031
79-34-5	1,1,2,2-Tetrachloroethane	0.0226		0.0010	0.00021
108-88-3	Toluene	0.0201		0.0010	0.00023
108-90-7	Chlorobenzene	0.0192		0.0010	0.00018
100-41-4	Ethylbenzene	0.0198		0.0010	0.00020
100-42-5	Styrene	0.0200		0.0010	0.00028
1330-20-7	Xylenes, Total	0.0392		0.0020	0.00064

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810922/5

Matrix: Solid Lab File ID: D85533.D

Analysis Method: 8260D Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/02/2021 20:36

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 810922 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0242		0.0010	0.00030
1634-04-4	Methyl tert-butyl ether	0.0214		0.0010	0.00051
110-82-7	Cyclohexane	0.0236		0.0010	0.00022
106-93-4	Ethylene Dibromide	0.0199		0.0010	0.00018
541-73-1	1,3-Dichlorobenzene	0.0200		0.0010	0.00037
106-46-7	1,4-Dichlorobenzene	0.0200		0.0010	0.00023
95-50-1	1,2-Dichlorobenzene	0.0199		0.0010	0.00036
75-71-8	Dichlorodifluoromethane	0.0235		0.0010	0.00034
120-82-1	1,2,4-Trichlorobenzene	0.0194		0.0010	0.00036
123-91-1	1,4-Dioxane	0.353		0.020	0.0092
87-61-6	1,2,3-Trichlorobenzene	0.0209		0.0010	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.0224		0.0010	0.00046
74-97-5	Chlorobromomethane	0.0201		0.0010	0.00028
98-82-8	Isopropylbenzene	0.0202		0.0010	0.00029
79-20-9	Methyl acetate	0.0511		0.0050	0.0043
108-87-2	Methylcyclohexane	0.0234		0.0010	0.00050

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		77-145
2037-26-5	Toluene-d8 (Surr)	96		80-120
460-00-4	4-Bromofluorobenzene	100		70-139
1868-53-7	Dibromofluoromethane (Surr)	102		48-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85533.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 02-Nov-2021 20:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0137006-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 03-Nov-2021 15:34:19 Calib Date: 22-Oct-2021 13:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20211022-136415.b\D85158.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1629

First Level Reviewer: delpolitov Date: 03-Nov-2021 15:34:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.248	1.248	0.000	0	59427	20.0	19.3	
3 1,1-Difluoroethane	65	1.260	1.260	0.000	0	63918	20.0	20.9	
4 Dichlorodifluoromethane	85	1.278	1.278	0.000	0	177858	20.0	23.5	
5 Chlorodifluoromethane	51	1.303	1.303	0.000	0	147963	20.0	20.9	
6 Chloromethane	50	1.449	1.449	0.000	0	155675	20.0	24.5	
8 Vinyl chloride	62	1.540	1.540	0.000	0	168302	20.0	23.3	
7 Butadiene	54	1.571	1.571	0.000	0	163060	20.0	25.1	
9 Bromomethane	94	1.845	1.845	0.000	0	71654	20.0	21.6	
10 Chloroethane	64	1.937	1.937	0.000	0	86908	20.0	26.8	
13 Trichlorofluoromethane	101	2.138	2.138	0.000	0	195729	20.0	21.7	
11 Dichlorofluoromethane	67	2.144	2.144	0.000	0	215305	20.0	22.5	
12 Pentane	72	2.193	2.193	0.000	0	49888	40.0	51.1	
15 Ethanol	46	2.406	2.406	0.000	0	18546	800.0	936.2	
14 Ethyl ether	59	2.418	2.418	0.000	0	83521	20.0	23.6	
16 2-Methyl-1,3-butadiene	53	2.431	2.431	0.000	0	113825	20.0	25.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.479	2.479	0.000	0	101146	20.0	19.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.546	2.546	0.000	0	177855	20.0	21.0	
20 112TCTFE	101	2.601	2.601	0.000	0	143195	20.0	24.2	
19 Acrolein	56	2.601	2.601	0.000	0	214574	304.2	286.2	
21 1,1-Dichloroethene	96	2.632	2.632	0.000	0	129609	20.0	22.9	
22 Acetone	43	2.748	2.748	0.000	0	113866	100.0	87.4	
23 Iodomethane	142	2.790	2.790	0.000	0	169643	20.0	20.8	
24 Carbon disulfide	76	2.815	2.815	0.000	0	477459	20.0	23.9	
25 Isopropyl alcohol	45	2.876	2.876	0.000	0	57286	200.0	191.7	
26 3-Chloro-1-propene	76	2.997	2.997	0.000	0	74501	20.0	22.0	
28 Cyclopentene	67	3.010	3.010	0.000	0	329886	20.0	24.8	
27 Methyl acetate	43	3.028	3.028	0.000	0	112709	40.0	51.1	
29 Acetonitrile	40	3.077	3.077	0.000	0	42279	200.0	176.1	
30 Methylene Chloride	84	3.144	3.144	0.000	0	127259	20.0	21.4	
* 31 TBA-d9 (IS)	65	3.168	3.168	0.000	0	291754	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.247	3.247	0.000	0	102730	200.0	179.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	3.333	3.333	0.000	0	272843	20.0	21.4	
34 trans-1,2-Dichloroethene	96	3.357	3.357	0.000	0	138144	20.0	21.9	
35 Acrylonitrile	53	3.449	3.449	0.000	0	296504	200.0	179.3	
36 Hexane	57	3.540	3.540	0.000	0	213669	20.0	26.3	
37 Isopropyl ether	45	3.802	3.802	0.000	0	326233	20.0	24.3	
38 1,1-Dichloroethane	63	3.820	3.820	0.000	0	218791	20.0	22.0	
39 Vinyl acetate	86	3.857	3.857	0.000	0	38150	40.0	43.4	
40 2-Chloro-1,3-butadiene	88	3.869	3.869	0.000	0	121633	20.0	23.0	
41 Tert-butyl ethyl ether	59	4.168	4.168	0.000	0	302659	20.0	21.8	
43 2,2-Dichloropropane	79	4.394	4.394	0.000	0	56627	20.0	19.8	
* 42 2-Butanone-d5	46	4.400	4.400	0.000	0	244753	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.430	4.430	0.000	0	141273	20.0	20.7	
45 2-Butanone (MEK)	72	4.467	4.467	0.000	0	54397	100.0	82.9	
46 Ethyl acetate	70	4.485	4.485	0.000	0	20038	40.0	31.4	
47 Methyl acrylate	55	4.540	4.540	0.000	0	72373	20.0	24.6	
48 Propionitrile	54	4.613	4.613	0.000	0	117678	200.0	181.1	
49 Chlorobromomethane	128	4.698	4.698	0.000	0	61855	20.0	20.1	
50 Tetrahydrofuran	72	4.698	4.698	0.000	0	23773	40.0	35.3	
51 Methacrylonitrile	67	4.735	4.735	0.000	0	358655	200.0	237.2	
52 Chloroform	83	4.772	4.772	0.000	0	201538	20.0	20.1	
53 Cyclohexane	84	4.893	4.893	0.000	0	209996	20.0	23.6	
54 1,1,1-Trichloroethane	97	4.918	4.918	0.000	0	182269	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	4.961	4.961	0.000	0	235835	50.0	51.1	
56 Carbon tetrachloride	117	5.058	5.058	0.000	0	160936	20.0	19.9	
57 1,1-Dichloropropene	75	5.107	5.107	0.000	0	183681	20.0	22.5	
58 Isobutyl alcohol	43	5.320	5.320	0.000	0	160902	500.0	465.8	
59 Benzene	78	5.338	5.338	0.000	0	501227	20.0	21.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.369	5.369	0.000	0	186674	50.0	48.4	
61 Tert-amyl methyl ether	87	5.442	5.442	0.000	0	87592	20.0	21.0	
62 Isopropyl acetate	61	5.460	5.460	0.000	0	48571	20.0	22.7	
63 1,2-Dichloroethane	62	5.460	5.460	0.000	0	112347	20.0	18.7	
64 n-Heptane	43	5.558	5.558	0.000	0	191462	20.0	24.2	
* 65 Fluorobenzene	96	5.698	5.698	0.000	0	624613	50.0	50.0	
67 Trichloroethene	95	6.125	6.125	0.000	0	138468	20.0	21.3	
66 n-Butanol	56	6.137	6.137	0.000	0	52902	500.0	437.9	
68 Methylcyclohexane	83	6.259	6.259	0.000	0	247055	20.0	23.4	
69 Ethyl acrylate	55	6.308	6.308	0.000	0	105451	20.0	23.0	
70 1,2-Dichloropropane	63	6.472	6.472	0.000	0	117910	20.0	22.1	
* 71 1,4-Dioxane-d8	96	6.558	6.558	0.000	0	27006	1000.0	1000.0	
72 Methyl methacrylate	100	6.607	6.607	0.000	0	49651	40.0	44.0	
73 1,4-Dioxane	88	6.625	6.625	0.000	0	22380	400.0	352.8	
74 Dibromomethane	93	6.631	6.631	0.000	0	63663	20.0	20.3	
75 n-Propyl acetate	43	6.686	6.686	0.000	0	105661	20.0	23.9	
76 Dichlorobromomethane	83	6.826	6.826	0.000	0	138862	20.0	19.8	
77 2-Nitropropane	41	7.192	7.192	0.000	0	29754	40.0	35.5	
78 2-Chloroethyl vinyl ether	63	7.210	7.210	0.000	0	26559	20.0	21.4	
79 Epichlorohydrin	57	7.302	7.302	0.000	0	159423	400.0	345.1	
80 cis-1,3-Dichloropropene	75	7.356	7.356	0.000	0	177089	20.0	19.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.521	7.521	0.000	0	345010	100.0	90.9	
$ 82 Toluene-d8 (Surr)	98	7.576	7.576	0.000	0	849170	50.0	48.1	
83 Toluene	91	7.649	7.649	0.000	0	517756	20.0	20.1	
84 trans-1,3-Dichloropropene	75	7.972	7.972	0.000	0	143207	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Ethyl methacrylate	69	8.003	8.003	0.000	0	109346	20.0	21.9	
86 1,1,2-Trichloroethane	83	8.143	8.143	0.000	0	78782	20.0	21.0	
87 Tetrachloroethene	166	8.167	8.167	0.000	0	144612	20.0	19.3	
88 1,3-Dichloropropane	76	8.307	8.307	0.000	0	148333	20.0	20.1	
89 2-Hexanone	43	8.362	8.362	0.000	0	240221	100.0	89.6	
90 n-Butyl acetate	73	8.454	8.454	0.000	0	23181	20.0	20.6	
91 Chlorodibromomethane	129	8.478	8.478	0.000	0	99717	20.0	18.2	
92 Ethylene Dibromide	107	8.588	8.588	0.000	0	89805	20.0	19.9	
* 93 Chlorobenzene-d5	117	8.972	8.972	0.000	0	453687	50.0	50.0	
94 Chlorobenzene	112	8.996	8.996	0.000	0	320094	20.0	19.2	
95 Ethylbenzene	106	9.069	9.069	0.000	0	179847	20.0	19.8	
96 1,1,1,2-Tetrachloroethane	131	9.082	9.082	0.000	0	108983	20.0	19.3	
97 m-Xylene & p-Xylene	106	9.173	9.173	0.000	0	222516	20.0	19.7	
98 n-Butyl acrylate	73	9.484	9.484	0.000	0	64650	20.0	21.1	
99 o-Xylene	106	9.502	9.502	0.000	0	205503	20.0	19.5	
100 Styrene	104	9.527	9.527	0.000	0	340743	20.0	20.0	
101 Amyl acetate (mixed isomers)	43	9.667	9.667	0.000	0	125674	20.0	23.3	
102 Bromoform	173	9.697	9.697	0.000	0	64896	20.0	18.9	
103 Isopropylbenzene	105	9.789	9.789	0.000	0	562094	20.0	20.2	
$ 104 4-Bromofluorobenzene	174	9.953	9.953	0.000	0	275928	50.0	50.1	
105 Bromobenzene	156	10.057	10.057	0.000	0	134198	20.0	19.2	
106 1,1,2,2-Tetrachloroethane	83	10.088	10.088	0.000	0	102197	20.0	22.6	
107 N-Propylbenzene	91	10.106	10.106	0.000	0	680651	20.0	22.2	
108 1,2,3-Trichloropropane	110	10.130	10.130	0.000	0	27902	20.0	21.1	
109 trans-1,4-Dichloro-2-butene	53	10.142	10.142	0.000	0	25294	20.0	21.0	
110 4-Ethyltoluene	105	10.197	10.197	0.000	0	546159	20.0	21.1	
111 2-Chlorotoluene	91	10.197	10.197	0.000	0	426966	20.0	21.0	
112 1,3,5-Trimethylbenzene	105	10.246	10.246	0.000	0	437533	20.0	20.2	
113 4-Chlorotoluene	91	10.289	10.289	0.000	0	391239	20.0	20.7	
114 Butyl Methacrylate	87	10.313	10.313	0.000	0	117123	20.0	21.4	
115 tert-Butylbenzene	119	10.484	10.484	0.000	0	405387	20.0	20.5	
116 1,2,4-Trimethylbenzene	105	10.526	10.526	0.000	0	427037	20.0	20.1	
117 sec-Butylbenzene	105	10.642	10.642	0.000	0	623528	20.0	21.6	
118 4-Isopropyltoluene	119	10.752	10.752	0.000	0	507581	20.0	20.7	
119 1,3-Dichlorobenzene	146	10.764	10.764	0.000	0	254886	20.0	20.0	
* 120 1,4-Dichlorobenzene-d4	152	10.819	10.819	0.000	0	232218	50.0	50.0	
121 1,4-Dichlorobenzene	146	10.837	10.837	0.000	0	251525	20.0	20.0	
122 1,2,3-Trimethylbenzene	105	10.844	10.844	0.000	0	423375	20.0	20.2	
123 Benzyl chloride	126	10.941	10.941	0.000	0	38995	20.0	19.4	
124 2,3-Dihydroindene	117	10.996	10.996	0.000	0	451921	20.0	18.7	
125 p-Diethylbenzene	119	11.026	11.026	0.000	0	287197	20.0	20.3	
126 n-Butylbenzene	92	11.045	11.045	0.000	0	273419	20.0	21.8	
127 1,2-Dichlorobenzene	146	11.106	11.106	0.000	0	226978	20.0	19.9	
128 1,2,4,5-Tetramethylbenzene	119	11.606	11.606	0.000	0	412468	20.0	19.5	
129 1,2-Dibromo-3-Chloropropane	157	11.703	11.703	0.000	0	19616	20.0	22.4	
130 1,3,5-Trichlorobenzene	180	11.819	11.819	0.000	0	176648	20.0	18.5	
131 1,2,4-Trichlorobenzene	180	12.386	12.386	0.000	0	140117	20.0	19.4	
132 Hexachlorobutadiene	225	12.483	12.483	0.000	0	91085	20.0	17.7	
133 Naphthalene	128	12.642	12.642	0.000	0	252688	20.0	22.6	
134 1,2,3-Trichlorobenzene	180	12.898	12.898	0.000	0	116287	20.0	20.9	
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.6	
S 136 1,3-Dichloropropene, Total	100				0		40.0	39.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	100.8	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00145	Amount Added:	2.00	Units: uL	
ACROLEIN W_00132	Amount Added:	3.00	Units: uL	
524freon_00044	Amount Added:	2.00	Units: uL	
GASES Li_00445	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00223	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 03-Nov-2021 15:34:20 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20211102-137006.b\D85533.D

Injection Date: 02-Nov-2021 20:36:30 Instrument ID: CVOAMS4 Operator ID:

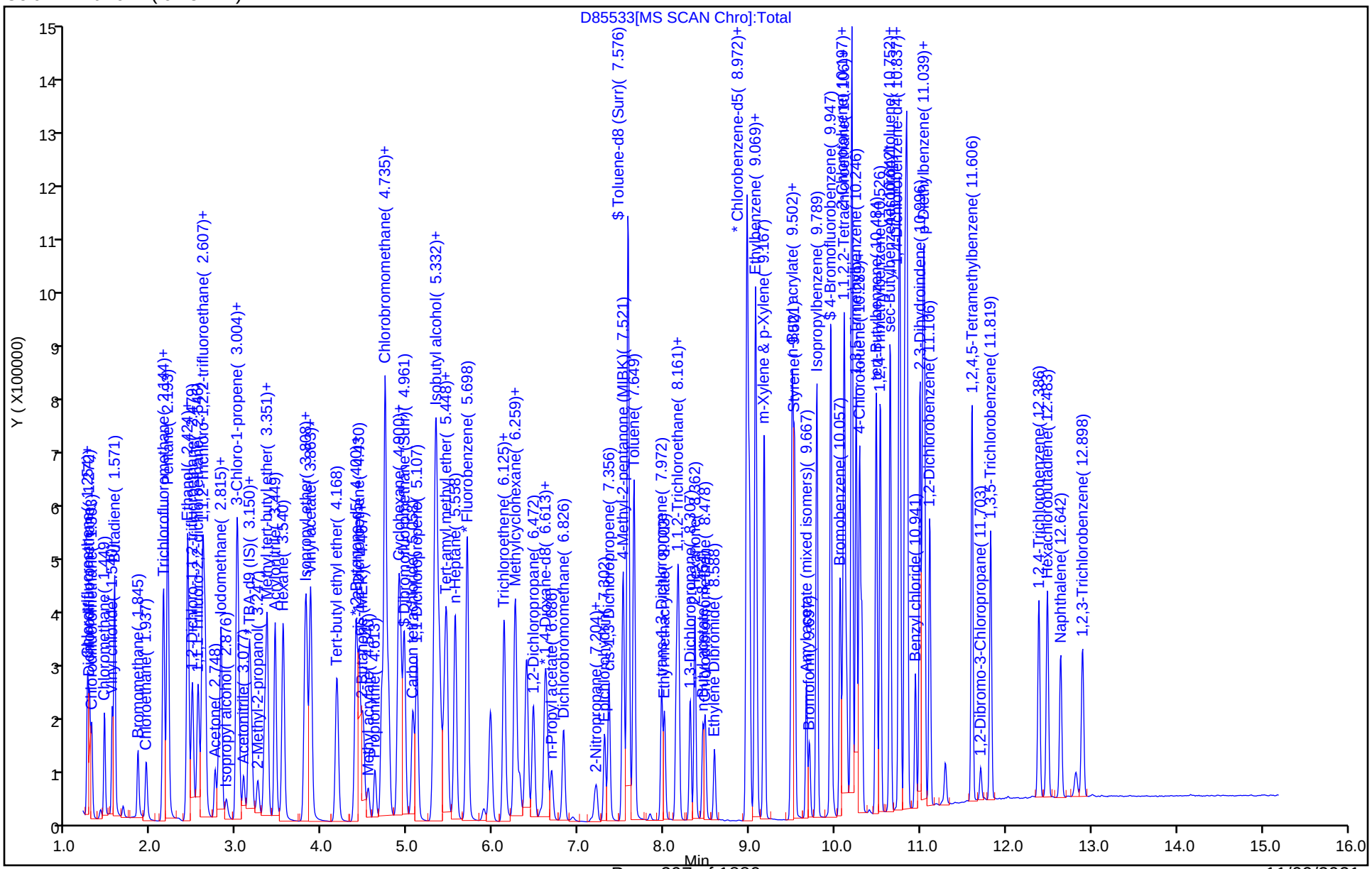
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 10/22/2021 08:16

Analysis Batch Number: 808619 End Date: 10/22/2021 14:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-808619/1		10/22/2021 08:16	1	D85144.D	Rtx-624 0.25(mm)
STD1 460-808619/3 IC		10/22/2021 08:59	1	D85146.D	Rtx-624 0.25(mm)
STD5 460-808619/4 IC		10/22/2021 09:21	1	D85147.D	Rtx-624 0.25(mm)
STD50 460-808619/6 IC		10/22/2021 10:05	1	D85149.D	Rtx-624 0.25(mm)
STD200 460-808619/7 IC		10/22/2021 10:27	1	D85150.D	Rtx-624 0.25(mm)
STD500 460-808619/8 IC		10/22/2021 10:49	1	D85151.D	Rtx-624 0.25(mm)
STD20 460-808619/15 ICIS		10/22/2021 13:23	1	D85158.D	Rtx-624 0.25(mm)
ICV 460-808619/17		10/22/2021 14:08	1	D85160.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 11/02/2021 06:42

Analysis Batch Number: 810773 End Date: 11/02/2021 18:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/02/2021 06:42	1		Rtx-624 0.25(mm)
CCVIS 460-810773/2		11/02/2021 06:56	1	D85498.D	Rtx-624 0.25(mm)
LCS 460-810773/3		11/02/2021 07:19	1	D85499.D	Rtx-624 0.25(mm)
LCSD 460-810773/4		11/02/2021 07:41	1	D85500.D	Rtx-624 0.25(mm)
MB 460-810773/8		11/02/2021 10:04	1	D85504.D	Rtx-624 0.25(mm)
LB3 460-810288/1-A		11/02/2021 10:26	1	D85505.D	Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 10:48	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 11:10	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 11:32	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 11:54	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 12:16	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 12:38	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 13:22	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 13:44	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 14:06	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 14:28	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 14:50	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 15:12	1		Rtx-624 0.25(mm)
460-246210-3	HA-1	11/02/2021 16:18	1	D85521.D	Rtx-624 0.25(mm)
460-246210-4	HA-2	11/02/2021 16:40	1	D85522.D	Rtx-624 0.25(mm)
460-246210-5	HA-3	11/02/2021 17:02	1	D85523.D	Rtx-624 0.25(mm)
460-246210-6	HA-4	11/02/2021 17:24	1	D85524.D	Rtx-624 0.25(mm)
460-246210-7	HA-5	11/02/2021 17:46	1	D85525.D	Rtx-624 0.25(mm)
460-246210-8	HA-6	11/02/2021 18:08	1	D85526.D	Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 18:30	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 11/02/2021 19:12

Analysis Batch Number: 810922 End Date: 11/03/2021 05:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/02/2021 19:12	1		Rtx-624 0.25(mm)
CCVIS 460-810922/2		11/02/2021 19:21	1	D85530.D	Rtx-624 0.25(mm)
LCS 460-810922/3		11/02/2021 19:44	1	D85531.D	Rtx-624 0.25(mm)
LCSD 460-810922/5		11/02/2021 20:36	1	D85533.D	Rtx-624 0.25(mm)
MB 460-810922/9		11/02/2021 22:04	1	D85537.D	Rtx-624 0.25(mm)
460-246210-2	SB-2	11/02/2021 22:26	1	D85538.D	Rtx-624 0.25(mm)
460-246210-9	HA-7	11/02/2021 22:48	1	D85539.D	Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 23:10	1		Rtx-624 0.25(mm)
ZZZZZ		11/02/2021 23:55	1		Rtx-624 0.25(mm)
460-246210-1	SB-1	11/03/2021 00:38	1	D85544.D	Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 01:00	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 01:22	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 01:45	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 02:07	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 02:29	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 02:51	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 03:12	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 03:34	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 03:56	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 04:18	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 04:40	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 05:02	1		Rtx-624 0.25(mm)
ZZZZZ		11/03/2021 05:24	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810288 Batch Start Date: 10/30/21 04:39 Batch Analyst: Tupayachi, Audberto

Batch Method: 5035 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
LB3 460-810288/1		5035, 8260D		5 g	5 mL				
460-246210-C-3	HA-1	5035, 8260D	T	4.45 g	5 mL				
460-246210-C-4	HA-2	5035, 8260D	T	4.37 g	5 mL				
460-246210-C-6	HA-4	5035, 8260D	T	6.06 g	5 mL				
460-246210-C-8	HA-6	5035, 8260D	T	5.32 g	5 mL				
460-246210-C-1	SB-1	5035, 8260D	T	4.44 g	5 mL				
460-246210-C-5	HA-3	5035, 8260D	T	4.89 g	5 mL				
460-246210-D-2	SB-2	5035, 8260D	T	4.28 g	5 mL				
460-246210-C-9	HA-7	5035, 8260D	T	5.29 g	5 mL				
460-246210-C-7	HA-5	5035, 8260D	T	5.30 g	5 mL				

Batch Notes	
Balance ID	35
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0204201g

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810773 Batch Start Date: 11/02/21 06:42 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00044	8260ISNEW 00119	8260MIX1COMB 00145	8260SURR250 00223
CCVIS 460-810773/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-810773/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-810773/4		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-810773/8		8260D		5 mL	5 mL		1 uL		1 uL
LB3 460-810288/1-A		8260D		5 mL	5 mL		1 uL		1 uL
460-246210-C-3-A	HA-1	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-4-A	HA-2	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-5-A	HA-3	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-6-A	HA-4	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-7-A	HA-5	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-8-A	HA-6	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00132	GASES Li 00445				
CCVIS 460-810773/2		8260D		3 uL	2 uL				
LCS 460-810773/3		8260D		3 uL	2 uL				
LCSD 460-810773/4		8260D		3 uL	2 uL				
MB 460-810773/8		8260D							
LB3 460-810288/1-A		8260D							
460-246210-C-3-A	HA-1	8260D	T						
460-246210-C-4-A	HA-2	8260D	T						
460-246210-C-5-A	HA-3	8260D	T						
460-246210-C-6-A	HA-4	8260D	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810773 Batch Start Date: 11/02/21 06:42 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00132	GASES Li 00445				
460-246210-C-7-A	HA-5	8260D	T						
460-246210-C-8-A	HA-6	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810922 Batch Start Date: 11/02/21 19:12 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00044	8260ISNEW 00119	8260MIX1COMB 00145	8260SURR250 00223
CCVIS 460-810922/2		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-810922/3		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-810922/5		8260D		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-810922/9		8260D		5 mL	5 mL		1 uL		1 uL
460-246210-D-2-A	SB-2	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-9-A	HA-7	8260D	T	5 mL	5 mL		1 uL		1 uL
460-246210-C-1-A	SB-1	8260D	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00132	GASES Li 00445				
CCVIS 460-810922/2		8260D		3 uL	2 uL				
LCS 460-810922/3		8260D		3 uL	2 uL				
LCSD 460-810922/5		8260D		3 uL	2 uL				
MB 460-810922/9		8260D							
460-246210-D-2-A	SB-2	8260D	T						
460-246210-C-9-A	HA-7	8260D	T						
460-246210-C-1-A	SB-1	8260D	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPHL #
SB-1	460-246210-1	82	83	62	66	79	66
SB-2	460-246210-2	105	105 S1+	99	98	102	100
HA-1	460-246210-3	74	69	64	72	80	78
HA-2	460-246210-4	74	71	63	71	80	79
HA-3	460-246210-5	54	52	47	57	74	70
HA-4	460-246210-6	63	59	55	64	76	77
HA-5	460-246210-7	73	70	62	72	78	79
HA-6	460-246210-8	57	56	50	59	70	70
HA-7	460-246210-9	43	46	36	49	84	75
	MB 460-810548/1-A	101	97	88	94	105	105
	LCS 460-810548/2-A	92	88	82	91	103	101
	LCSD 460-810548/3-A	93	89	81	89	100	102
	460-246194-A-1-D MS	77	73	65	73	84	75
	460-246194-A-1-E MSD	68	65	61	66	77	70

	QC LIMITS
2FP = 2-Fluorophenol	10-105
PHL = Phenol-d5	15-100
NBZ = Nitrobenzene-d5	11-104
FBP = 2-Fluorobiphenyl	14-103
TBP = 2,4,6-Tribromophenol	10-123
TPHL = Terphenyl-d14	12-126

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37457.d

Lab ID: LCS 460-810548/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	3.33	3.29	99	63-110	
2-Chlorophenol	3.33	3.34	100	63-106	
2-Methylphenol	3.33	3.19	96	63-108	
4-Methylphenol	3.33	3.25	98	61-108	
2-Nitrophenol	3.33	3.44	103	64-112	
2,4-Dimethylphenol	3.33	3.41	102	63-107	
2,4-Dichlorophenol	3.33	3.61	108	66-113	
4-Chloro-3-methylphenol	3.33	3.39	102	66-114	
2,4,6-Trichlorophenol	3.33	3.58	107	63-113	
2,4,5-Trichlorophenol	3.33	3.55	106	64-112	
2,4-Dinitrotoluene	3.33	3.42	103	65-124	
4-Nitrophenol	6.67	6.51	98	47-123	
4,6-Dinitro-2-methylphenol	6.67	7.31	110	44-136	
Pentachlorophenol	6.67	7.02	105	44-126	
Bis(2-chloroethyl)ether	3.33	3.00	90	60-107	
1,3-Dichlorobenzene	3.33	3.10	93	59-99	
1,4-Dichlorobenzene	3.33	3.15	95	60-100	
1,2-Dichlorobenzene	3.33	3.23	97	60-100	
N-Nitrosodi-n-propylamine	3.33	2.93	88	61-108	
Hexachloroethane	3.33	3.04	91	61-102	
Nitrobenzene	3.33	3.17	95	63-110	
Isophorone	3.33	3.08	92	63-107	
1,2,4-Trichlorobenzene	3.33	3.49	105	63-107	
Naphthalene	3.33	3.34	100	63-106	
Hexachlorobutadiene	3.33	3.56	107	62-109	
2-Methylnaphthalene	3.33	3.37	101	64-108	
Hexachlorocyclopentadiene	3.33	3.30	99	42-118	
2-Chloronaphthalene	3.33	3.32	100	65-109	
2-Nitroaniline	3.33	3.02	91	59-119	
Dimethyl phthalate	3.33	3.35	100	65-109	
Acenaphthylene	3.33	3.33	100	64-108	
2,6-Dinitrotoluene	3.33	3.43	103	67-121	
3-Nitroaniline	3.33	2.97	89	31-102	
Acenaphthene	3.33	3.31	99	53-110	
Dibenzofuran	3.33	3.34	100	65-108	
2,4-Dinitrophenol	6.67	6.78	102	25-150	
Diethyl phthalate	3.33	3.26	98	63-109	
4-Chlorophenyl phenyl ether	3.33	3.44	103	66-110	
Fluorene	3.33	3.36	101	65-109	
4-Nitroaniline	3.33	3.24	97	50-110	
N-Nitrosodiphenylamine	3.33	3.44	103	67-113	
4-Bromophenyl phenyl ether	3.33	3.64	109	67-113	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37457.d

Lab ID: LCS 460-810548/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobenzene	3.33	3.75	113	61-113	
Phenanthrene	3.33	3.39	102	66-112	
Anthracene	3.33	3.40	102	67-114	
Carbazole	3.33	3.35	100	64-113	
Di-n-butyl phthalate	3.33	3.28	98	66-114	
Fluoranthene	3.33	3.35	101	61-106	
Pyrene	3.33	3.58	108	61-111	
Butyl benzyl phthalate	3.33	3.42	103	62-113	
Benzo[a]anthracene	3.33	3.36	101	67-115	
Chrysene	3.33	3.48	104	71-122	
Bis(2-ethylhexyl) phthalate	3.33	3.38	101	59-111	
Di-n-octyl phthalate	3.33	3.43	103	65-122	
Benzo[b]fluoranthene	3.33	3.52	105	70-125	
Benzo[k]fluoranthene	3.33	3.63	109	67-115	
Benzo[a]pyrene	3.33	3.60	108	73-123	
Indeno[1,2,3-cd]pyrene	3.33	3.49	105	62-121	
Dibenz(a,h)anthracene	3.33	3.58	107	66-119	
Benzo[g,h,i]perylene	3.33	3.38	101	61-113	
2,2'-oxybis[1-chloropropane]	3.33	2.62	78	49-109	
3,3'-Dichlorobenzidine	3.33	2.33	70	17-101	
Bis(2-chloroethoxy)methane	3.33	3.13	94	62-107	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37458.d

Lab ID: LCSD 460-810548/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3.33	3.35	100	2	30	63-110	
2-Chlorophenol	3.33	3.42	103	3	30	63-106	
2-Methylphenol	3.33	3.30	99	3	30	63-108	
4-Methylphenol	3.33	3.27	98	1	30	61-108	
2-Nitrophenol	3.33	3.40	102	1	30	64-112	
2,4-Dimethylphenol	3.33	3.38	101	1	30	63-107	
2,4-Dichlorophenol	3.33	3.58	107	1	30	66-113	
4-Chloro-3-methylphenol	3.33	3.33	100	2	30	66-114	
2,4,6-Trichlorophenol	3.33	3.59	108	0	30	63-113	
2,4,5-Trichlorophenol	3.33	3.55	106	0	30	64-112	
2,4-Dinitrotoluene	3.33	3.34	100	2	30	65-124	
4-Nitrophenol	6.67	6.41	96	2	30	47-123	
4,6-Dinitro-2-methylphenol	6.67	7.35	110	1	30	44-136	
Pentachlorophenol	6.67	6.98	105	0	30	44-126	
Bis(2-chloroethyl)ether	3.33	3.02	91	1	30	60-107	
1,3-Dichlorobenzene	3.33	3.21	96	3	30	59-99	
1,4-Dichlorobenzene	3.33	3.19	96	1	30	60-100	
1,2-Dichlorobenzene	3.33	3.26	98	1	30	60-100	
N-Nitrosodi-n-propylamine	3.33	2.89	87	1	30	61-108	
Hexachloroethane	3.33	3.17	95	4	30	61-102	
Nitrobenzene	3.33	3.22	97	2	30	63-110	
Isophorone	3.33	3.03	91	2	30	63-107	
1,2,4-Trichlorobenzene	3.33	3.43	103	2	30	63-107	
Naphthalene	3.33	3.30	99	1	30	63-106	
Hexachlorobutadiene	3.33	3.55	106	0	30	62-109	
2-Methylnaphthalene	3.33	3.32	100	1	30	64-108	
Hexachlorocyclopentadiene	3.33	3.26	98	1	30	42-118	
2-Chloronaphthalene	3.33	3.26	98	2	30	65-109	
2-Nitroaniline	3.33	2.96	89	2	30	59-119	
Dimethyl phthalate	3.33	3.28	98	2	30	65-109	
Acenaphthylene	3.33	3.25	97	2	30	64-108	
2,6-Dinitrotoluene	3.33	3.41	102	1	30	67-121	
3-Nitroaniline	3.33	2.89	87	3	30	31-102	
Acenaphthene	3.33	3.26	98	2	30	53-110	
Dibenzofuran	3.33	3.30	99	1	30	65-108	
2,4-Dinitrophenol	6.67	6.65	100	2	30	25-150	
Diethyl phthalate	3.33	3.22	97	1	30	63-109	
4-Chlorophenyl phenyl ether	3.33	3.37	101	2	30	66-110	
Fluorene	3.33	3.28	99	2	30	65-109	
4-Nitroaniline	3.33	3.19	96	1	30	50-110	
N-Nitrosodiphenylamine	3.33	3.44	103	0	30	67-113	
4-Bromophenyl phenyl ether	3.33	3.64	109	0	30	67-113	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37458.d

Lab ID: LCSD 460-810548/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	3.33	3.72	112	1	30	61-113	
Phenanthrene	3.33	3.35	101	1	30	66-112	
Anthracene	3.33	3.40	102	0	30	67-114	
Carbazole	3.33	3.32	100	1	30	64-113	
Di-n-butyl phthalate	3.33	3.23	97	1	30	66-114	
Fluoranthene	3.33	3.30	99	1	30	61-106	
Pyrene	3.33	3.64	109	2	30	61-111	
Butyl benzyl phthalate	3.33	3.46	104	1	30	62-113	
Benzo[a]anthracene	3.33	3.39	102	1	30	67-115	
Chrysene	3.33	3.50	105	0	30	71-122	
Bis(2-ethylhexyl) phthalate	3.33	3.42	103	1	30	59-111	
Di-n-octyl phthalate	3.33	3.43	103	0	30	65-122	
Benzo[b]fluoranthene	3.33	3.52	106	0	30	70-125	
Benzo[k]fluoranthene	3.33	3.66	110	1	30	67-115	
Benzo[a]pyrene	3.33	3.58	107	1	30	73-123	
Indeno[1,2,3-cd]pyrene	3.33	3.50	105	0	30	62-121	
Dibenz(a,h)anthracene	3.33	3.55	107	1	30	66-119	
Benzo[g,h,i]perylene	3.33	3.37	101	0	30	61-113	
2,2'-oxybis[1-chloropropane]	3.33	2.66	80	2	30	49-109	
3,3'-Dichlorobenzidine	3.33	2.37	71	2	30	17-101	
Bis(2-chloroethoxy)methane	3.33	3.10	93	1	30	62-107	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37461.d

Lab ID: 460-246194-A-1-D MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Phenol	3.78	0.014 U	2.99	79	63-110	
2-Chlorophenol	3.78	0.013 U	3.11	82	63-106	
2-Methylphenol	3.78	0.014 U	3.02	80	63-108	
4-Methylphenol	3.78	0.023 U	2.98	79	61-108	
2-Nitrophenol	3.78	0.038 U	3.08	81	64-112	
2,4-Dimethylphenol	3.78	0.016 U	3.15	83	63-107	
2,4-Dichlorophenol	3.78	0.024 U	3.33	88	66-113	
4-Chloro-3-methylphenol	3.78	0.021 U	3.09	82	66-114	
2,4,6-Trichlorophenol	3.78	0.048 U	3.35	89	63-113	
2,4,5-Trichlorophenol	3.78	0.038 U	3.26	86	64-112	
2,4-Dinitrotoluene	3.78	0.040 U	3.05	81	65-124	
4-Nitrophenol	7.55	0.061 U	5.97	79	47-123	
4,6-Dinitro-2-methylphenol	7.55	0.15 U	3.91	52	44-136	
Pentachlorophenol	7.55	0.077 U	6.29	83	44-126	
Bis(2-chloroethyl)ether	3.78	0.013 U	2.58	68	60-107	
1,3-Dichlorobenzene	3.78	0.0050 U	1.90	50	59-99	F1
1,4-Dichlorobenzene	3.78	0.014 U	2.02	54	60-100	F1
1,2-Dichlorobenzene	3.78	0.0064 U	2.24	59	60-100	F1
N-Nitrosodi-n-propylamine	3.78	0.027 U	2.65	70	61-108	
Hexachloroethane	3.78	0.013 U	1.80	48	61-102	F1
Nitrobenzene	3.78	0.0090 U	2.86	76	63-110	
Isophorone	3.78	0.11 U	2.78	74	63-107	
1,2,4-Trichlorobenzene	3.78	0.0096 U	2.66	70	63-107	
Naphthalene	3.78	0.0065 U	2.78	74	63-106	
Hexachlorobutadiene	3.78	0.0080 U	2.41	64	62-109	
2-Methylnaphthalene	3.78	0.010 U	2.85	76	64-108	
Hexachlorocyclopentadiene	3.78	0.033 U	2.50	66	42-118	
2-Chloronaphthalene	3.78	0.017 U	2.95	78	65-109	
2-Nitroaniline	3.78	0.014 U	2.79	74	59-119	
Dimethyl phthalate	3.78	0.085 U	3.08	81	65-109	
Acenaphthylene	3.78	0.0038 U	2.99	79	64-108	
2,6-Dinitrotoluene	3.78	0.027 U	3.13	83	67-121	
3-Nitroaniline	3.78	0.042 U	2.91	77	31-102	
Acenaphthene	3.78	0.011 U	2.62	69	53-110	
Dibenzofuran	3.78	0.0053 U	2.98	79	65-108	
2,4-Dinitrophenol	7.55	0.18 U	1.35	18	25-150	F1
Diethyl phthalate	3.78	0.0054 U	3.01	80	63-109	
4-Chlorophenyl phenyl ether	3.78	0.013 U	3.00	79	66-110	
Fluorene	3.78	0.0051 U	2.96	78	65-109	
4-Nitroaniline	3.78	0.043 U	2.94	78	50-110	
N-Nitrosodiphenylamine	3.78	0.031 U	3.12	83	67-113	
4-Bromophenyl phenyl ether	3.78	0.015 U	3.24	86	67-113	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37461.d

Lab ID: 460-246194-A-1-D MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobenzene	3.78	0.018 U	3.10	82	61-113	
Phenanthrene	3.78	0.0066 U	3.06	81	66-112	
Anthracene	3.78	0.011 U	3.03	80	67-114	
Carbazole	3.78	0.014 U	3.08	82	64-113	
Di-n-butyl phthalate	3.78	0.014 U	2.89	76	66-114	
Fluoranthene	3.78	0.013 U	2.98	79	61-106	
Pyrene	3.78	0.0093 U	3.09	82	61-111	
Butyl benzyl phthalate	3.78	0.018 U	2.95	78	62-113	
Benzo[a]anthracene	3.78	0.013 U	2.86	76	67-115	
Chrysene	3.78	0.0063 U	2.98	79	71-122	
Bis(2-ethylhexyl) phthalate	3.78	0.020 U	2.76	73	59-111	
Di-n-octyl phthalate	3.78	0.020 U	2.67	71	65-122	
Benzo[b]fluoranthene	3.78	0.0097 U	2.91	77	70-125	
Benzo[k]fluoranthene	3.78	0.0074 U	3.12	83	67-115	
Benzo[a]pyrene	3.78	0.010 U	3.06	81	73-123	
Indeno[1,2,3-cd]pyrene	3.78	0.015 U	2.99	79	62-121	
Dibenz(a,h)anthracene	3.78	0.016 U	2.94	78	66-119	
Benzo[g,h,i]perylene	3.78	0.011 U	2.83	75	61-113	
2,2'-oxybis[1-chloropropane]	3.78	0.0068 U	2.19	58	49-109	
3,3'-Dichlorobenzidine	3.78	0.057 U	2.92	77	17-101	
Bis(2-chloroethoxy)methane	3.78	0.029 U	2.87	76	62-107	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37462.d

Lab ID: 460-246194-A-1-E MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	3.78	2.76	73	8	30	63-110	
2-Chlorophenol	3.78	2.92	77	6	30	63-106	
2-Methylphenol	3.78	2.85	76	6	30	63-108	
4-Methylphenol	3.78	2.76	73	8	30	61-108	
2-Nitrophenol	3.78	2.97	79	4	30	64-112	
2,4-Dimethylphenol	3.78	2.99	79	5	30	63-107	
2,4-Dichlorophenol	3.78	3.23	85	3	30	66-113	
4-Chloro-3-methylphenol	3.78	2.96	78	4	30	66-114	
2,4,6-Trichlorophenol	3.78	3.15	83	6	30	63-113	
2,4,5-Trichlorophenol	3.78	3.05	81	7	30	64-112	
2,4-Dinitrotoluene	3.78	2.83	75	8	30	65-124	
4-Nitrophenol	7.55	5.29	70	12	30	47-123	
4,6-Dinitro-2-methylphenol	7.55	2.01	27	64	30	44-136	F1 F2
Pentachlorophenol	7.55	5.15	68	20	30	44-126	
Bis(2-chloroethyl)ether	3.78	2.44	65	6	30	60-107	
1,3-Dichlorobenzene	3.78	1.91	51	0	30	59-99	F1
1,4-Dichlorobenzene	3.78	2.00	53	1	30	60-100	F1
1,2-Dichlorobenzene	3.78	2.21	59	1	30	60-100	F1
N-Nitrosodi-n-propylamine	3.78	2.49	66	6	30	61-108	
Hexachloroethane	3.78	1.79	47	0	30	61-102	F1
Nitrobenzene	3.78	2.69	71	6	30	63-110	
Isophorone	3.78	2.62	69	6	30	63-107	
1,2,4-Trichlorobenzene	3.78	2.64	70	1	30	63-107	
Naphthalene	3.78	2.69	71	3	30	63-106	
Hexachlorobutadiene	3.78	2.41	64	0	30	62-109	
2-Methylnaphthalene	3.78	2.81	74	1	30	64-108	
Hexachlorocyclopentadiene	3.78	2.43	64	3	30	42-118	
2-Chloronaphthalene	3.78	2.79	74	6	30	65-109	
2-Nitroaniline	3.78	2.55	67	9	30	59-119	
Dimethyl phthalate	3.78	2.76	73	11	30	65-109	
Acenaphthylene	3.78	2.81	74	6	30	64-108	
2,6-Dinitrotoluene	3.78	2.91	77	7	30	67-121	
3-Nitroaniline	3.78	2.66	70	9	30	31-102	
Acenaphthene	3.78	2.39	63	9	30	53-110	
Dibenzofuran	3.78	2.82	75	5	30	65-108	
2,4-Dinitrophenol	7.55	0.891	12	41	30	25-150	F1 F2
Diethyl phthalate	3.78	2.78	74	8	30	63-109	
4-Chlorophenyl phenyl ether	3.78	2.82	75	6	30	66-110	
Fluorene	3.78	2.79	74	6	30	65-109	
4-Nitroaniline	3.78	2.63	70	11	30	50-110	
N-Nitrosodiphenylamine	3.78	2.96	78	5	30	67-113	
4-Bromophenyl phenyl ether	3.78	3.01	80	7	30	67-113	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X37462.d

Lab ID: 460-246194-A-1-E MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobenzene	3.78	2.90	77	7	30	61-113	
Phenanthrene	3.78	2.80	74	9	30	66-112	
Anthracene	3.78	2.85	75	6	30	67-114	
Carbazole	3.78	2.83	75	8	30	64-113	
Di-n-butyl phthalate	3.78	2.74	72	5	30	66-114	
Fluoranthene	3.78	2.78	74	7	30	61-106	
Pyrene	3.78	2.87	76	8	30	61-111	
Butyl benzyl phthalate	3.78	2.78	74	6	30	62-113	
Benzo[a]anthracene	3.78	2.69	71	6	30	67-115	
Chrysene	3.78	2.67	71	11	30	71-122	
Bis(2-ethylhexyl) phthalate	3.78	2.54	67	8	30	59-111	
Di-n-octyl phthalate	3.78	2.58	68	4	30	65-122	
Benzo[b]fluoranthene	3.78	2.92	77	0	30	70-125	
Benzo[k]fluoranthene	3.78	2.80	74	11	30	67-115	
Benzo[a]pyrene	3.78	2.87	76	6	30	73-123	
Indeno[1,2,3-cd]pyrene	3.78	2.77	73	7	30	62-121	
Dibenz(a,h)anthracene	3.78	2.78	74	5	30	66-119	
Benzo[g,h,i]perylene	3.78	2.65	70	7	30	61-113	
2,2'-oxybis[1-chloropropane]	3.78	2.08	55	5	30	49-109	
3,3'-Dichlorobenzidine	3.78	2.76	73	6	30	17-101	
Bis(2-chloroethoxy)methane	3.78	2.78	74	3	30	62-107	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: X37456.d Lab Sample ID: MB 460-810548/1-A

Matrix: Solid Date Extracted: 10/31/2021 17:38

Instrument ID: CBNAMS5 Date Analyzed: 11/01/2021 10:49

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-810548/2-A	X37457.d	11/01/2021 11:12
	LCSD 460-810548/3-A	X37458.d	11/01/2021 11:36
	460-246194-A-1-D MS	X37461.d	11/01/2021 12:46
	460-246194-A-1-E MSD	X37462.d	11/01/2021 13:10
SB-1	460-246210-1	X37466.d	11/01/2021 14:43
HA-6	460-246210-8	X37473.d	11/01/2021 17:25
HA-7	460-246210-9	X37474.d	11/01/2021 17:48
HA-1	460-246210-3	X37476.d	11/01/2021 18:36
HA-2	460-246210-4	X37477.d	11/01/2021 18:59
HA-3	460-246210-5	X37478.d	11/01/2021 19:23
HA-4	460-246210-6	X37479.d	11/01/2021 19:47
HA-5	460-246210-7	X37480.d	11/01/2021 20:10
SB-2	460-246210-2	f456478.D	11/02/2021 15:20

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: f455715.D DFTPP Injection Date: 10/12/2021

Instrument ID: CBNAMS15 DFTPP Injection Time: 10:16

Analysis Batch No.: 806532

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.6	(1.5) 1
69	Present	42.6	
70	Less than 2% of m/z 69	0.2	(0.5) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.7	
365	Greater than 1% of Base Peak	3.9	
441	Less than 150% of m/z 443	20.7	(87.8) 3
442	Present	123.7	
443	15-24% of m/z 442	23.6	(19.0) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-806532/2	f455716.D	10/12/2021	10:24
	STD120 460-806532/3	f455717.D	10/12/2021	10:41
	STD80 460-806532/4	f455718.D	10/12/2021	10:58
	STD20 460-806532/5	f455719.D	10/12/2021	11:16
	STD10 460-806532/6	f455720.D	10/12/2021	11:33
	STD5 460-806532/7	f455721.D	10/12/2021	11:50
	STD2 460-806532/8	f455722.D	10/12/2021	12:07
	STD1 460-806532/9	f455723.D	10/12/2021	12:24
	STD05 460-806532/10	f455724.D	10/12/2021	12:42
	ICV 460-806532/11	f455725.D	10/12/2021	12:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab File ID: X37345.d DFTPP Injection Date: 10/29/2021

Instrument ID: CBNAMS5 DFTPP Injection Time: 10:38

Analysis Batch No.: 810116

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.8) 1
69	Present	39.9
70	Less than 2% of m/z 69	0.2 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.6
365	Greater than 1% of Base Peak	4.3
441	Less than 150% of m/z 443	22.5 (84.5) 3
442	Present	139.6
443	15-24% of m/z 442	26.6 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-810116/2	X37346.d	10/29/2021	10:55
	STD120 460-810116/3	X37347.d	10/29/2021	11:18
	STD80 460-810116/4	X37348.d	10/29/2021	11:41
	STD20 460-810116/5	X37349.d	10/29/2021	12:04
	STD10 460-810116/6	X37350.d	10/29/2021	12:27
	STD5 460-810116/7	X37351.d	10/29/2021	12:50
	STD2 460-810116/8	X37352.d	10/29/2021	13:13
	STD1 460-810116/9	X37353.d	10/29/2021	13:36
	STD05 460-810116/10	X37354.d	10/29/2021	14:00
	ICV 460-810116/11	X37355.d	10/29/2021	14:23

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: ICIS 460-806532/2 Date Analyzed: 10/12/2021 10:24

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f455716.D Heated Purge: (Y/N) N

Calibration ID: 87635

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		129700	3.21	490755	4.18	251083	5.51
UPPER LIMIT		259400	3.71	981510	4.68	502166	6.01
LOWER LIMIT		64850	2.71	245378	3.68	125542	5.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-806532/11		131858	3.20	505368	4.16	268423	5.50

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: ICIS 460-806532/2 Date Analyzed: 10/12/2021 10:24

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f455716.D Heated Purge: (Y/N) N

Calibration ID: 87635

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		478634	6.62	452200	8.63	477466	9.98
UPPER LIMIT		957268	7.12	904400	9.13	954932	10.48
LOWER LIMIT		239317	6.12	226100	8.13	238733	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-806532/11		497638	6.61	469493	8.61	492989	9.95

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810823/2 Date Analyzed: 11/02/2021 09:37

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f456458.D Heated Purge: (Y/N) N

Calibration ID: 87635

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		129992	3.21	503619	4.17	265830	5.51
UPPER LIMIT		259984	3.71	1007238	4.67	531660	6.01
LOWER LIMIT		64996	2.71	251810	3.67	132915	5.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-246210-2	SB-2	83222	3.20	316908	4.17	183626	5.51

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810823/2 Date Analyzed: 11/02/2021 09:37

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f456458.D Heated Purge: (Y/N) N

Calibration ID: 87635

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		510600	6.62	490252	8.63	511630	9.98
UPPER LIMIT		1021200	7.12	980504	9.13	1023260	10.48
LOWER LIMIT		255300	6.12	245126	8.13	255815	9.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-246210-2	SB-2	340003	6.62	321487	8.63	341032	9.97

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: ICIS 460-810116/2 Date Analyzed: 10/29/2021 10:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X37346.d Heated Purge: (Y/N) N

Calibration ID: 87855

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		80926	4.54	317708	5.74	160975	7.40
UPPER LIMIT		161852	5.04	635416	6.24	321950	7.90
LOWER LIMIT		40463	4.04	158854	5.24	80488	6.90
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-810116/11		79503	4.54	313318	5.75	166620	7.40

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: ICIS 460-810116/2 Date Analyzed: 10/29/2021 10:55

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X37346.d Heated Purge: (Y/N) N

Calibration ID: 87855

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		309468	8.79	303826	11.43	325156	13.34
UPPER LIMIT		618936	9.29	607652	11.93	650312	13.84
LOWER LIMIT		154734	8.29	151913	10.93	162578	12.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-810116/11		317480	8.79	306517	11.43	339840	13.35

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810633/2 Date Analyzed: 11/01/2021 10:03

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X37454.d Heated Purge: (Y/N) N

Calibration ID: 87855

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		77598	4.52	301229	5.73	159849	7.39
UPPER LIMIT		155196	5.02	602458	6.23	319698	7.89
LOWER LIMIT		38799	4.02	150615	5.23	79925	6.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-810548/1-A		68886	4.52	261767	5.73	155690	7.39
LCS 460-810548/2-A		71747	4.52	270808	5.73	154944	7.39
LCSD 460-810548/3-A		71340	4.52	275108	5.73	157704	7.39
460-246194-A-1-D MS		108539	4.52	413417	5.73	233981	7.39
460-246194-A-1-E MSD		124816	4.52	471290	5.73	277216	7.39
460-246210-1	SB-1	60690	4.52	242114	5.73	143259	7.39
460-246210-8	HA-6	61186	4.52	236687	5.73	132678	7.39
460-246210-9	HA-7	52551	4.52	198431	5.73	112865	7.39
460-246210-3	HA-1	67453	4.52	254356	5.73	145662	7.39
460-246210-4	HA-2	55210	4.52	214143	5.73	124200	7.39
460-246210-5	HA-3	66189	4.52	250184	5.73	139473	7.39
460-246210-6	HA-4	72681	4.52	272476	5.73	152247	7.39
460-246210-7	HA-5	70422	4.52	270335	5.73	154098	7.39

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810633/2 Date Analyzed: 11/01/2021 10:03

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X37454.d Heated Purge: (Y/N) N

Calibration ID: 87855

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		317859	8.78	319737	11.42	357281	13.34
UPPER LIMIT		635718	9.28	639474	11.92	714562	13.84
LOWER LIMIT		158930	8.28	159869	10.92	178641	12.84
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-810548/1-A		296204	8.78	276714	11.42	290407	13.33
LCS 460-810548/2-A		281613	8.78	255692	11.42	273437	13.33
LCSD 460-810548/3-A		283885	8.78	251618	11.42	271689	13.33
460-246194-A-1-D MS		422036	8.79	394139	11.42	431376	13.34
460-246194-A-1-E MSD		496834	8.79	464299	11.42	492646	13.35
460-246210-1	SB-1	292113	8.78	284774	11.42	284394	13.33
460-246210-8	HA-6	247507	8.78	225146	11.42	258297	13.34
460-246210-9	HA-7	216101	8.78	214339	11.42	250090	13.34
460-246210-3	HA-1	272874	8.78	233753	11.42	245673	13.34
460-246210-4	HA-2	237987	8.78	207080	11.42	221387	13.34
460-246210-5	HA-3	251315	8.78	243013	11.42	289516	13.34
460-246210-6	HA-4	274172	8.78	237058	11.42	270080	13.34
460-246210-7	HA-5	285404	8.78	238921	11.42	265279	13.34

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: X37466.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:35

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 14:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.014	U	0.39	0.014
95-57-8	2-Chlorophenol	0.014	U	0.39	0.014
95-48-7	2-Methylphenol	0.015	U	0.39	0.015
106-44-5	4-Methylphenol	0.024	U	0.39	0.024
88-75-5	2-Nitrophenol	0.039	U	0.39	0.039
105-67-9	2,4-Dimethylphenol	0.017	U	0.39	0.017
120-83-2	2,4-Dichlorophenol	0.025	U	0.16	0.025
59-50-7	4-Chloro-3-methylphenol	0.022	U	0.39	0.022
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.16	0.050
95-95-4	2,4,5-Trichlorophenol	0.040	U	0.39	0.040
121-14-2	2,4-Dinitrotoluene	0.042	U	0.079	0.042
100-02-7	4-Nitrophenol	0.064	U	0.79	0.064
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16
87-86-5	Pentachlorophenol	0.080	U	0.31	0.080
111-44-4	Bis(2-chloroethyl)ether	0.014	U	0.039	0.014
541-73-1	1,3-Dichlorobenzene	0.0052	U	0.39	0.0052
106-46-7	1,4-Dichlorobenzene	0.015	U	0.39	0.015
95-50-1	1,2-Dichlorobenzene	0.0067	U	0.39	0.0067
621-64-7	N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028
67-72-1	Hexachloroethane	0.013	U	0.039	0.013
98-95-3	Nitrobenzene	0.0094	U	0.039	0.0094
78-59-1	Isophorone	0.11	U	0.16	0.11
120-82-1	1,2,4-Trichlorobenzene	0.010	U	0.039	0.010
91-20-3	Naphthalene	0.0068	U	0.39	0.0068
87-68-3	Hexachlorobutadiene	0.0083	U	0.079	0.0083
91-57-6	2-Methylnaphthalene	0.011	U	0.39	0.011
77-47-4	Hexachlorocyclopentadiene	0.034	U	0.39	0.034
91-58-7	2-Chloronaphthalene	0.018	U	0.39	0.018
88-74-4	2-Nitroaniline	0.015	U	0.39	0.015
131-11-3	Dimethyl phthalate	0.089	U	0.39	0.089
208-96-8	Acenaphthylene	0.0049	J	0.39	0.0039
606-20-2	2,6-Dinitrotoluene	0.028	U	0.079	0.028
99-09-2	3-Nitroaniline	0.044	U	0.39	0.044
83-32-9	Acenaphthene	0.011	U	0.39	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: X37466.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:35

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 14:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0055	U	0.39	0.0055
51-28-5	2,4-Dinitrophenol	0.19	U	0.31	0.19
84-66-2	Diethyl phthalate	0.0057	U	0.39	0.0057
7005-72-3	4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014
86-73-7	Fluorene	0.0053	U	0.39	0.0053
100-01-6	4-Nitroaniline	0.045	U	0.39	0.045
86-30-6	N-Nitrosodiphenylamine	0.032	U	0.39	0.032
101-55-3	4-Bromophenyl phenyl ether	0.016	U	0.39	0.016
118-74-1	Hexachlorobenzene	0.019	U	0.039	0.019
85-01-8	Phenanthrene	0.065	J	0.39	0.0069
120-12-7	Anthracene	0.013	J	0.39	0.012
86-74-8	Carbazole	0.015	U	0.39	0.015
84-74-2	Di-n-butyl phthalate	0.015	U	0.39	0.015
206-44-0	Fluoranthene	0.15	J	0.39	0.014
129-00-0	Pyrene	0.12	J	0.39	0.0097
85-68-7	Butyl benzyl phthalate	0.018	U	0.39	0.018
56-55-3	Benzo[a]anthracene	0.076		0.039	0.014
218-01-9	Chrysene	0.089	J	0.39	0.0066
117-81-7	Bis(2-ethylhexyl) phthalate	0.021	U	0.39	0.021
117-84-0	Di-n-octyl phthalate	0.021	U	0.39	0.021
205-99-2	Benzo[b]fluoranthene	0.11		0.039	0.010
207-08-9	Benzo[k]fluoranthene	0.043		0.039	0.0077
50-32-8	Benzo[a]pyrene	0.074		0.039	0.010
193-39-5	Indeno[1,2,3-cd]pyrene	0.054		0.039	0.015
53-70-3	Dibenz(a,h)anthracene	0.017	U	0.039	0.017
191-24-2	Benzo[g,h,i]perylene	0.043	J	0.39	0.012
108-60-1	2,2'-oxybis[1-chloropropane]	0.0071	U	0.39	0.0071
91-94-1	3,3'-Dichlorobenzidine	0.059	U	0.16	0.059
111-91-1	Bis(2-chloroethoxy)methane	0.031	U	0.39	0.031

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: X37466.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:35

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 14:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		11-104
4165-62-2	Phenol-d5	83		15-100
1718-51-0	Terphenyl-d14	66		12-126
118-79-6	2,4,6-Tribromophenol	79		10-123
367-12-4	2-Fluorophenol	82		10-105
321-60-8	2-Fluorobiphenyl	66		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: X37466.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:35

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 14:43

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 2 TIC Result Total: 1.83

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.09	1.0	A J	
	Unknown	3.20	0.83	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d
Lims ID: 460-246210-F-1-G
Client ID: SB-1
Sample Type: Client
Inject. Date: 01-Nov-2021 14:43:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-014
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 15:07:07 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 01-Nov-2021 15:07:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.298	3.287	0.011	92	85099	41.2	
$ 6 Phenol-d5	99	4.181	4.169	0.012	97	104242	41.5	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	60690	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.045	-0.006	91	75789	30.9	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	242114	40.0	
$ 51 2-Fluorobiphenyl	172	6.745	6.751	-0.006	97	174641	33.2	
61 Acenaphthylene	152	7.251	7.251	0.000	31	418	0.0621	
* 65 Acenaphthene-d10	164	7.386	7.387	-0.001	98	143259	40.0	
$ 80 2,4,6-Tribromophenol	330	8.122	8.128	-0.006	91	45261	39.7	
* 88 Phenanthrene-d10	188	8.780	8.781	-0.001	98	292113	40.0	
89 Phenanthrene	178	8.798	8.804	-0.006	73	6221	0.8234	
90 Anthracene	178	8.845	8.851	-0.006	50	1290	0.1665	
93 Fluoranthene	202	9.922	9.927	-0.006	98	16052	1.89	
95 Pyrene	202	10.139	10.134	0.000	97	13887	1.58	
$ 96 Terphenyl-d14	244	10.292	10.287	0.000	98	258099	33.2	
101 Benzo[a]anthracene	228	11.404	11.404	-0.006	49	8584	0.9668	
* 102 Chrysene-d12	240	11.416	11.422	-0.006	99	284774	40.0	
103 Chrysene	228	11.445	11.445	-0.006	76	9455	1.13	
106 Benzo[b]fluoranthene	252	12.792	12.792	-0.006	94	11436	1.41	M
107 Benzo[k]fluoranthene	252	12.815	12.815	-0.024	1	4554	0.5460	M
108 Benzo[a]pyrene	252	13.245	13.245	-0.012	91	7256	0.9391	a
* 109 Perylene-d12	264	13.333	13.339	-0.006	99	284394	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.915	14.926	-0.018	87	5511	0.6852	
111 Dibenz(a,h)anthracene	278	14.951	14.968	-0.023	26	1646	0.1966	
112 Benzo[g,h,i]perylene	276	15.356	15.379	-0.030	79	4743	0.5441	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d
Lims ID: 460-246210-F-1-G
Client ID: SB-1
Sample Type: Client
Inject. Date: 01-Nov-2021 14:43:30 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-014
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 15:07:07 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 01-Nov-2021 15:07:07

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
3.087	121003	13.3	14	0	0		0	
		Unknown						
3.198	95783	10.5	14					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	363963	40.0

QC Flag Legend

Processing Flags

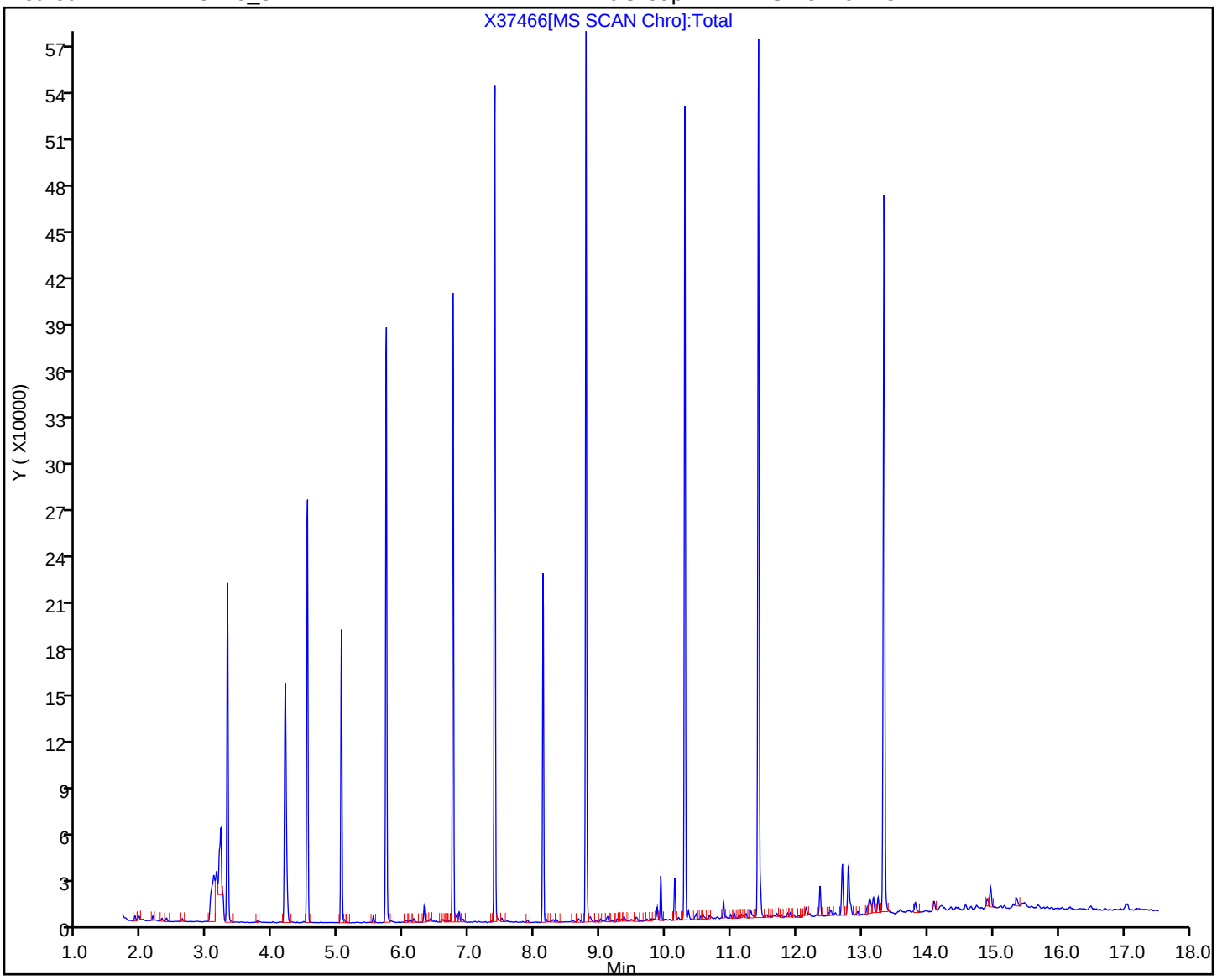
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Nov-2021 15:07:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

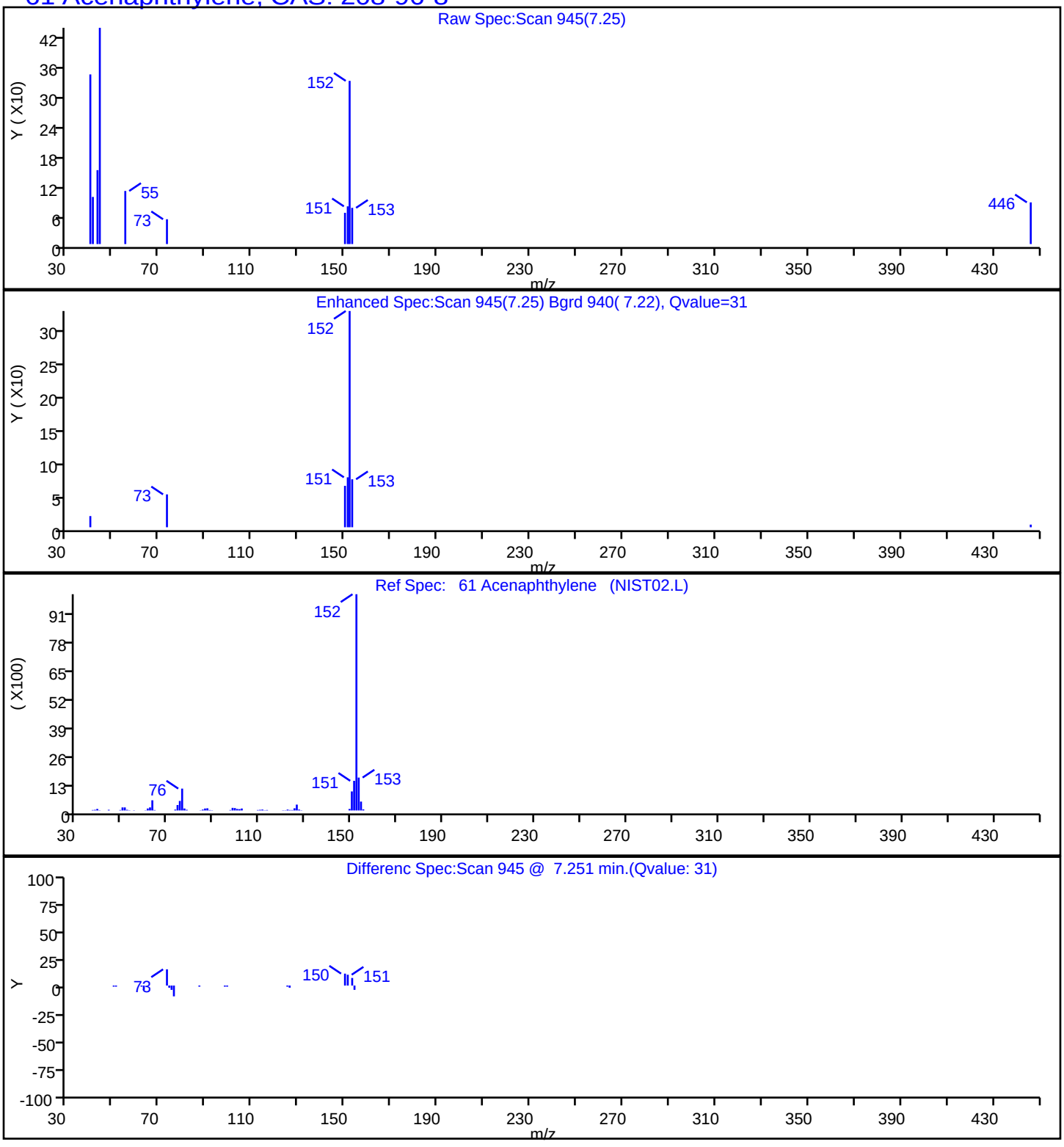
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

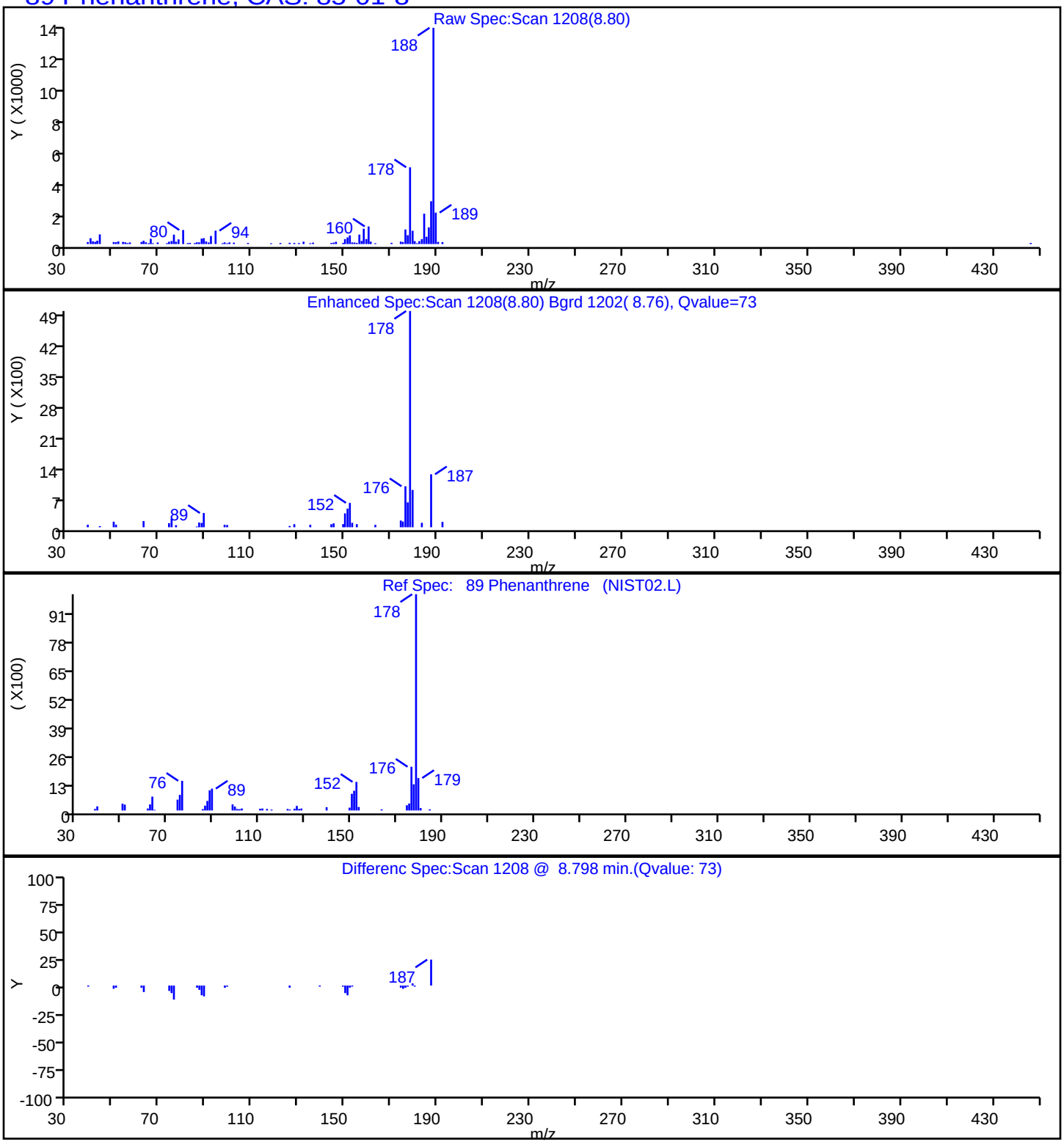
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

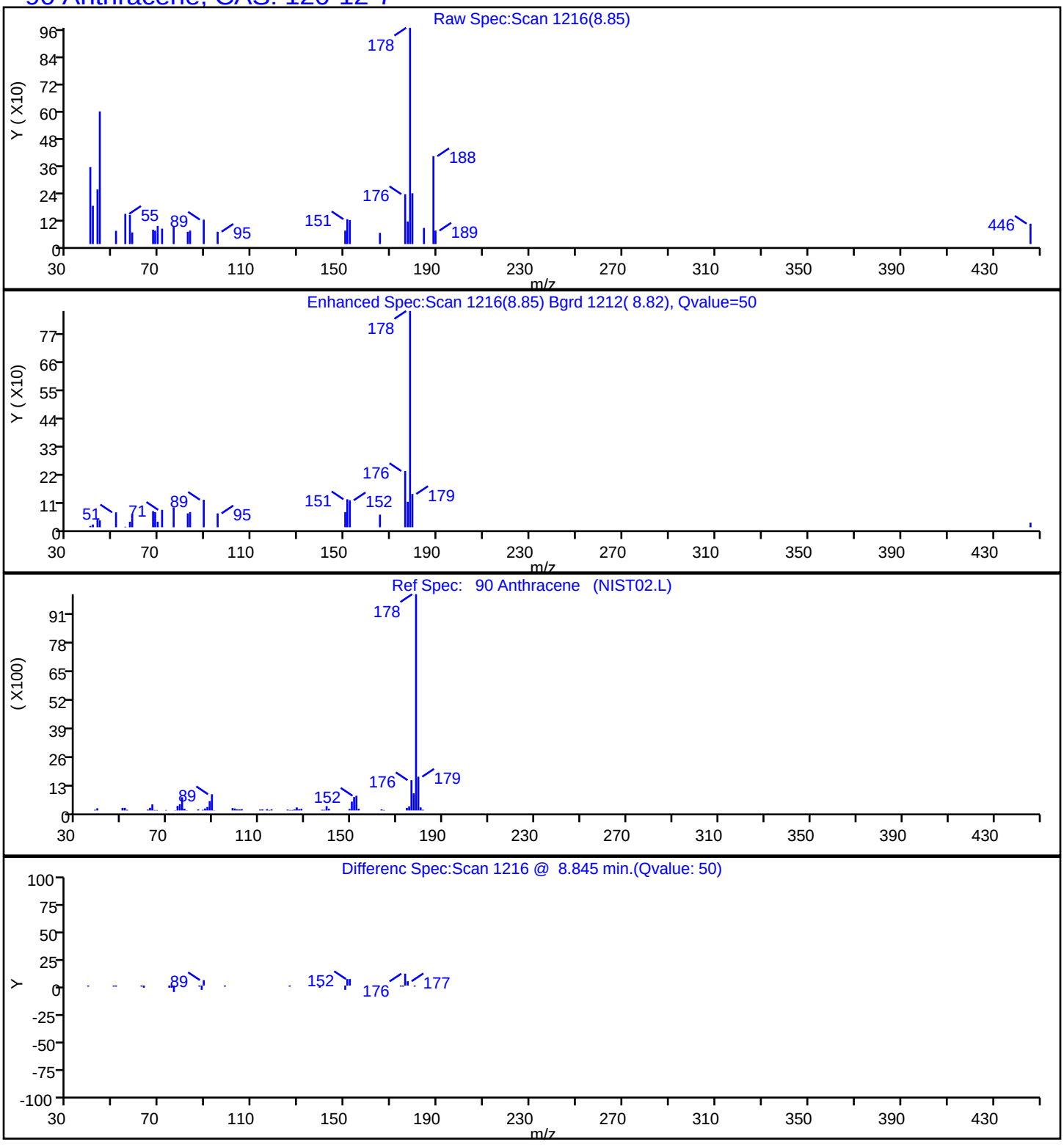
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

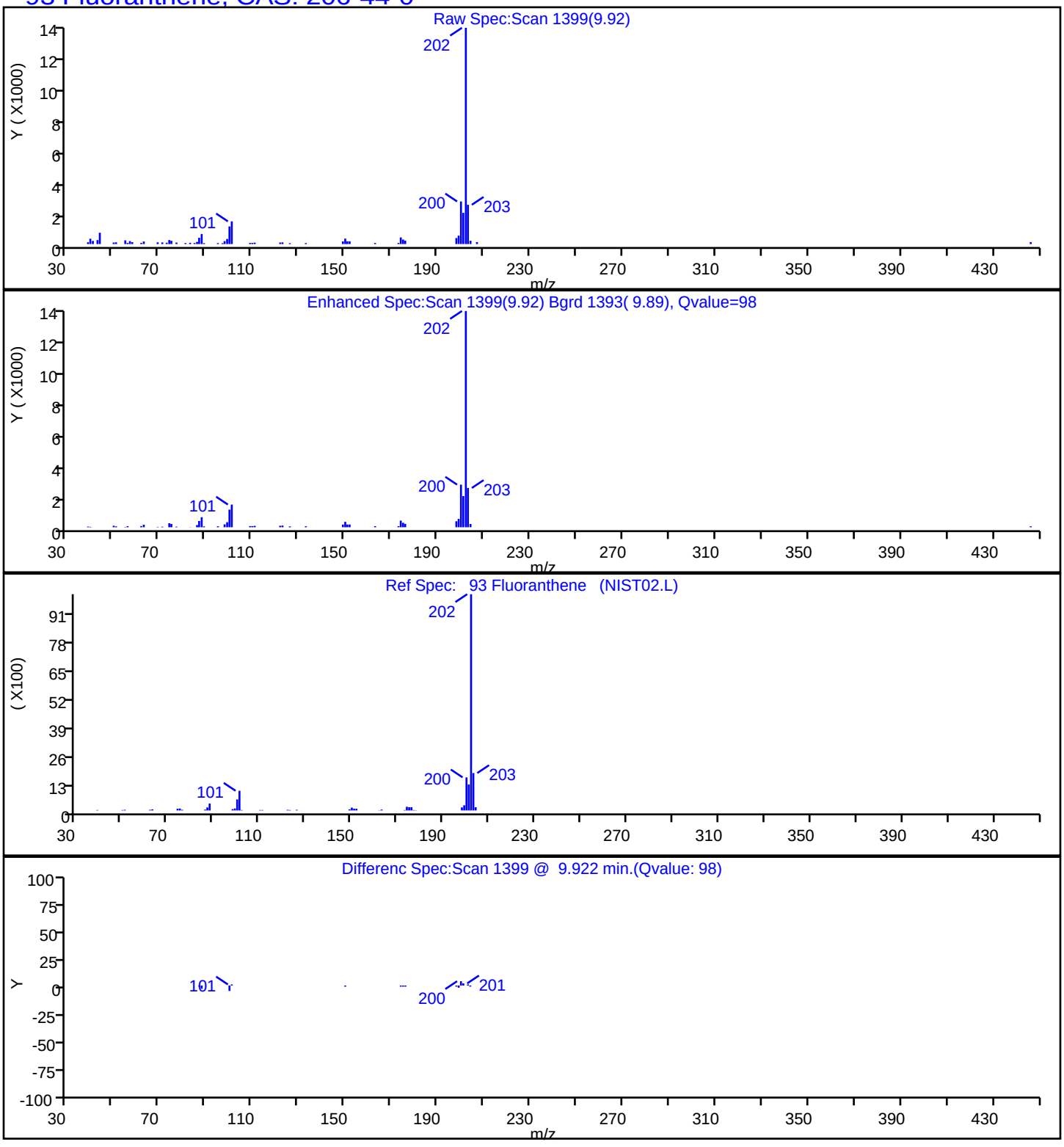
90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

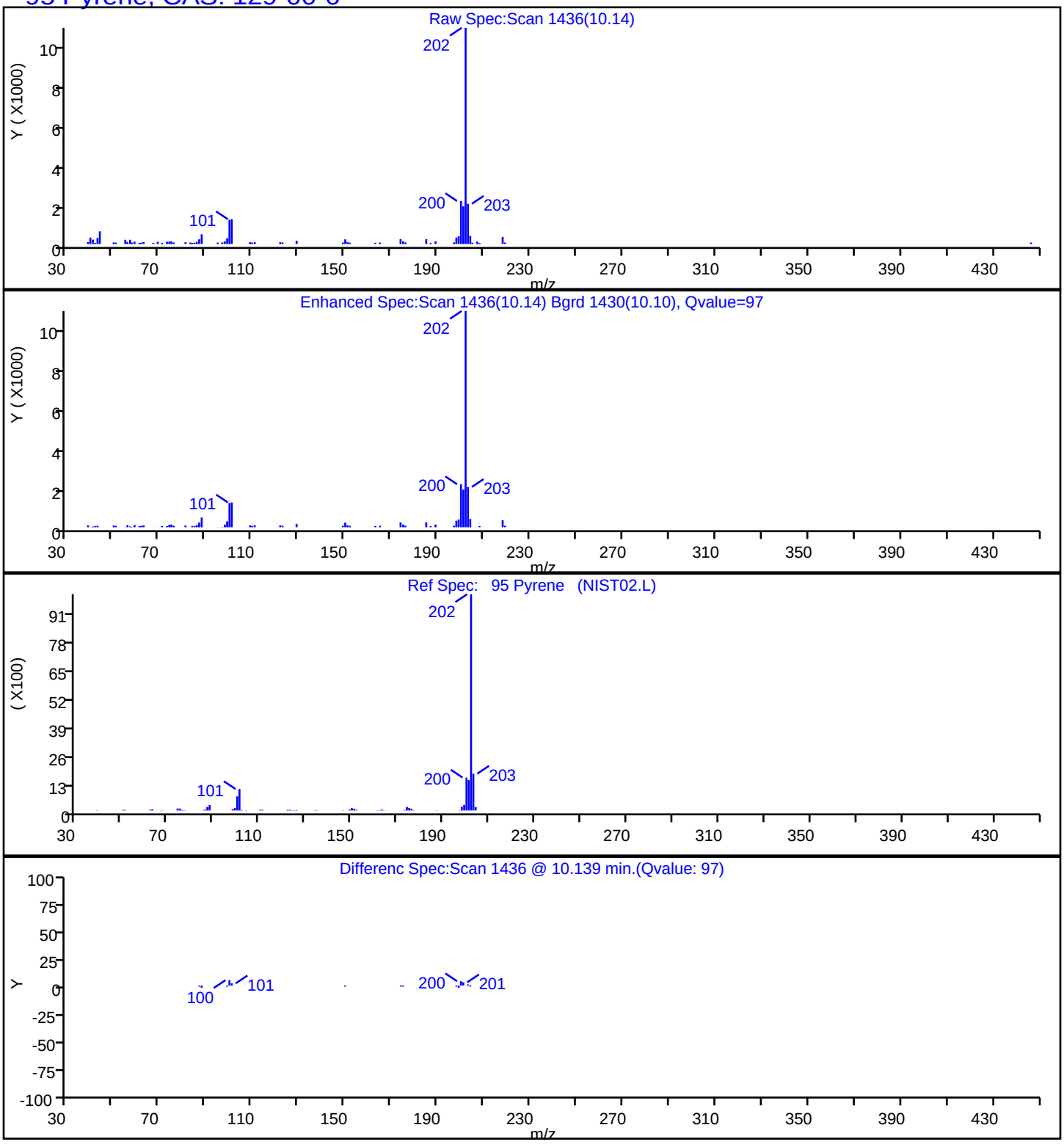
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

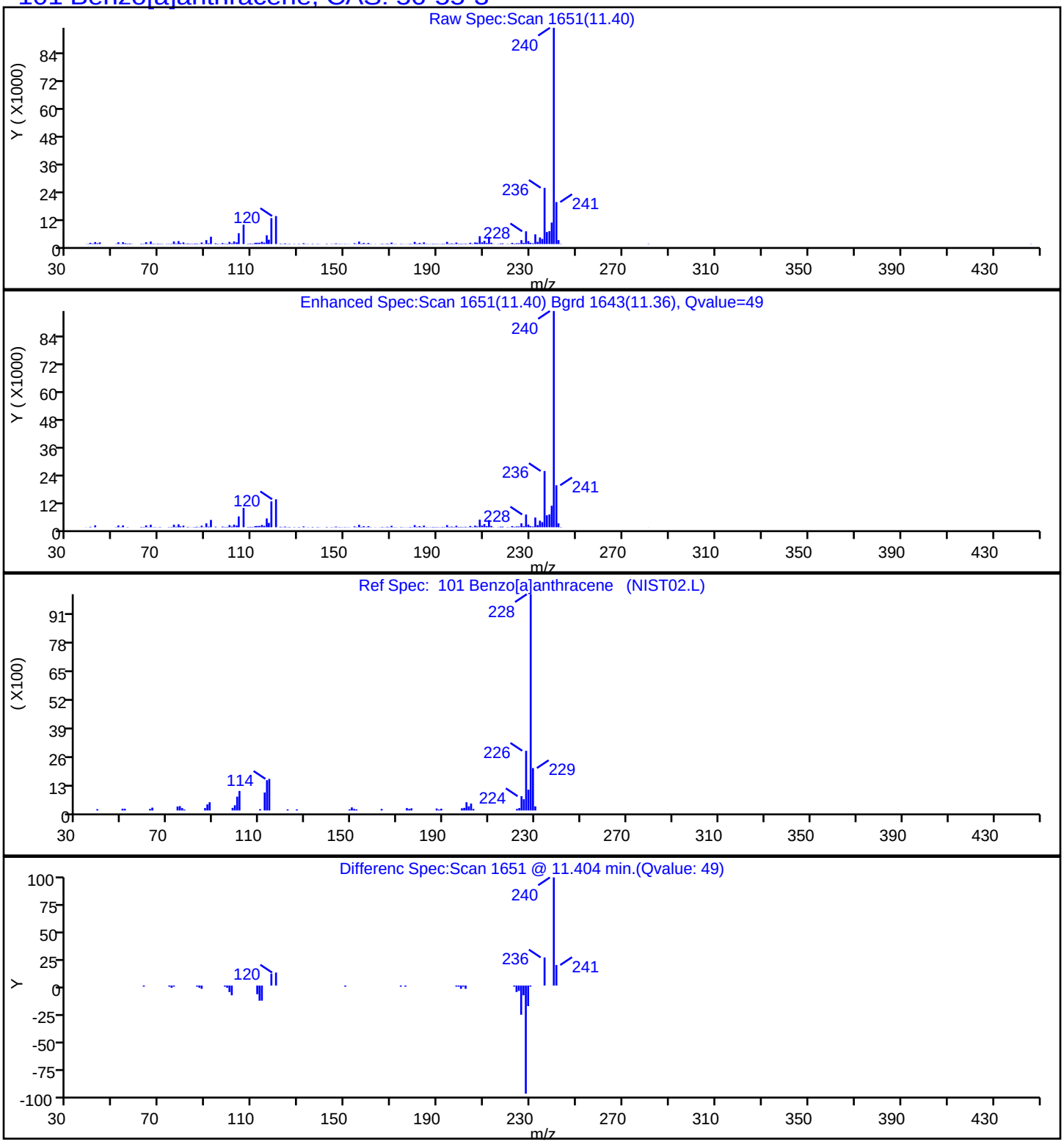
95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

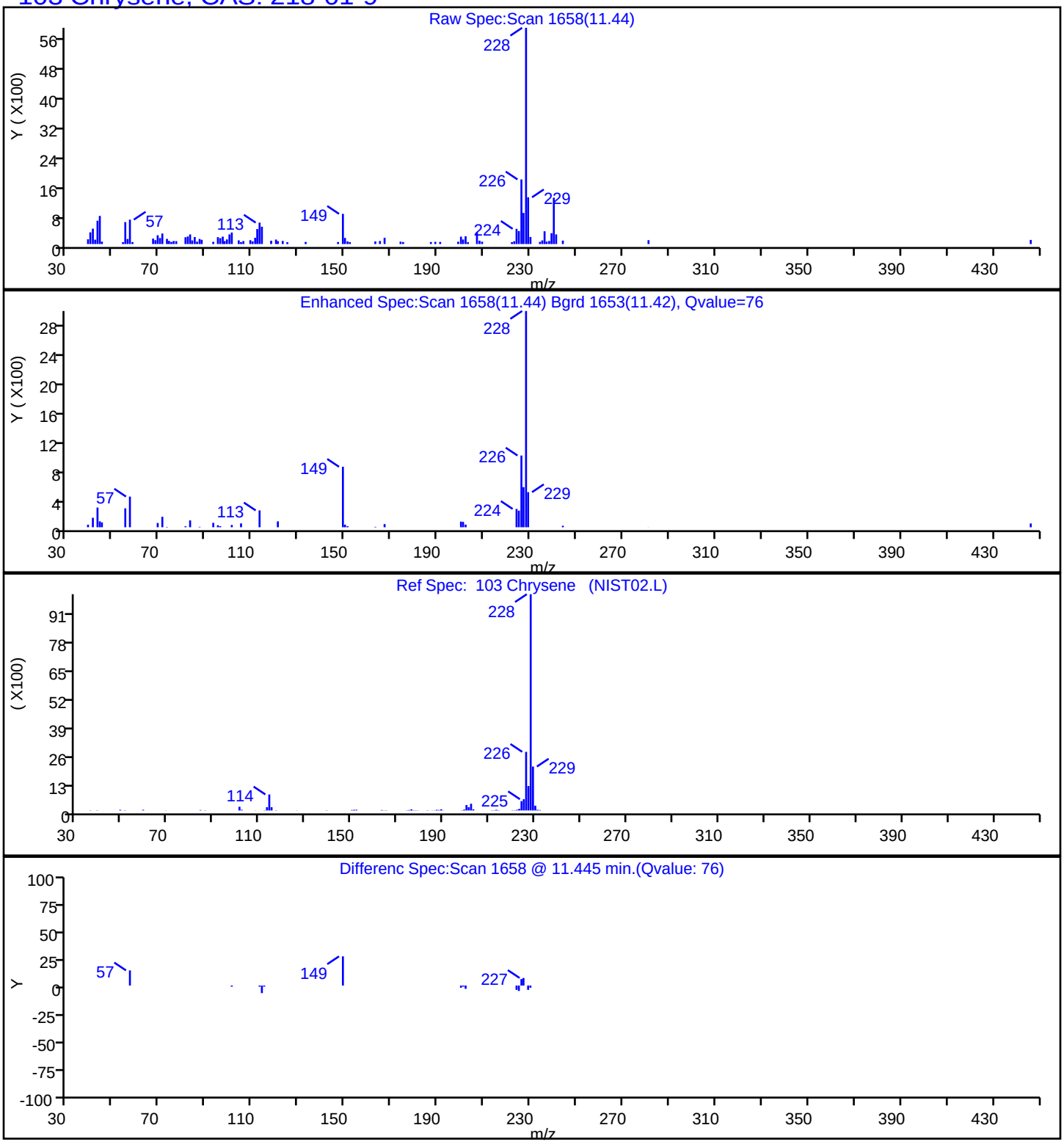
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

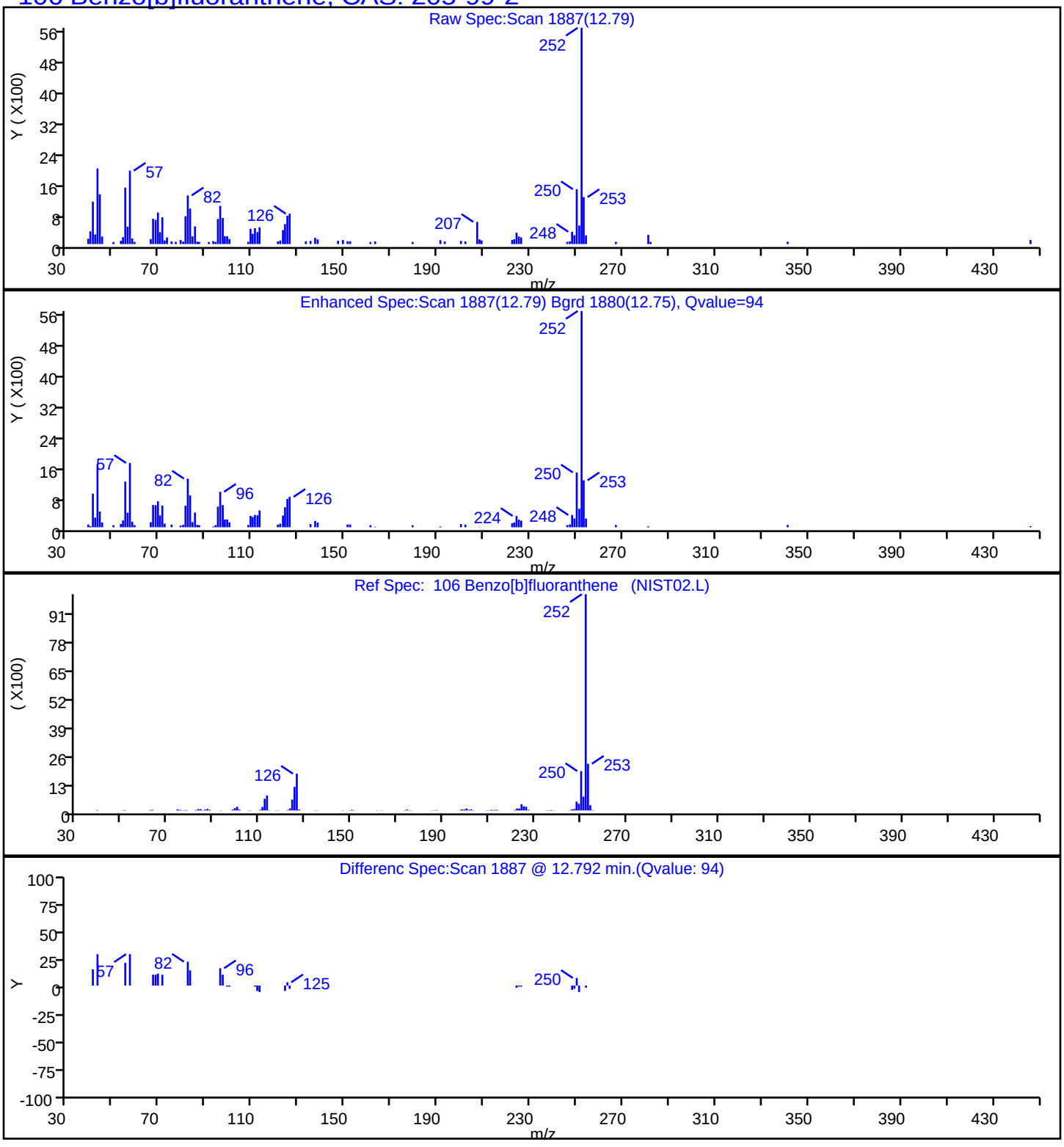
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

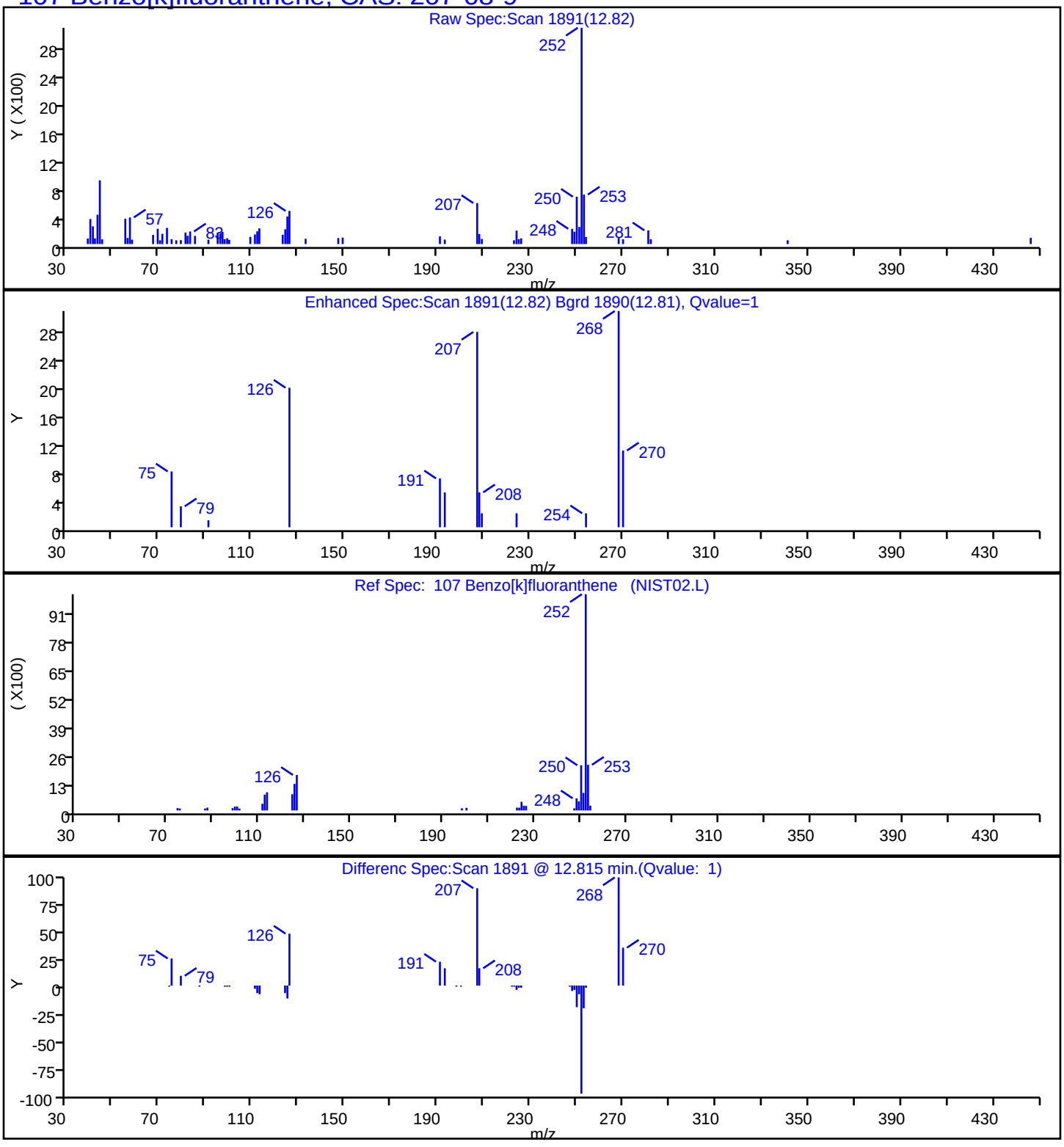
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

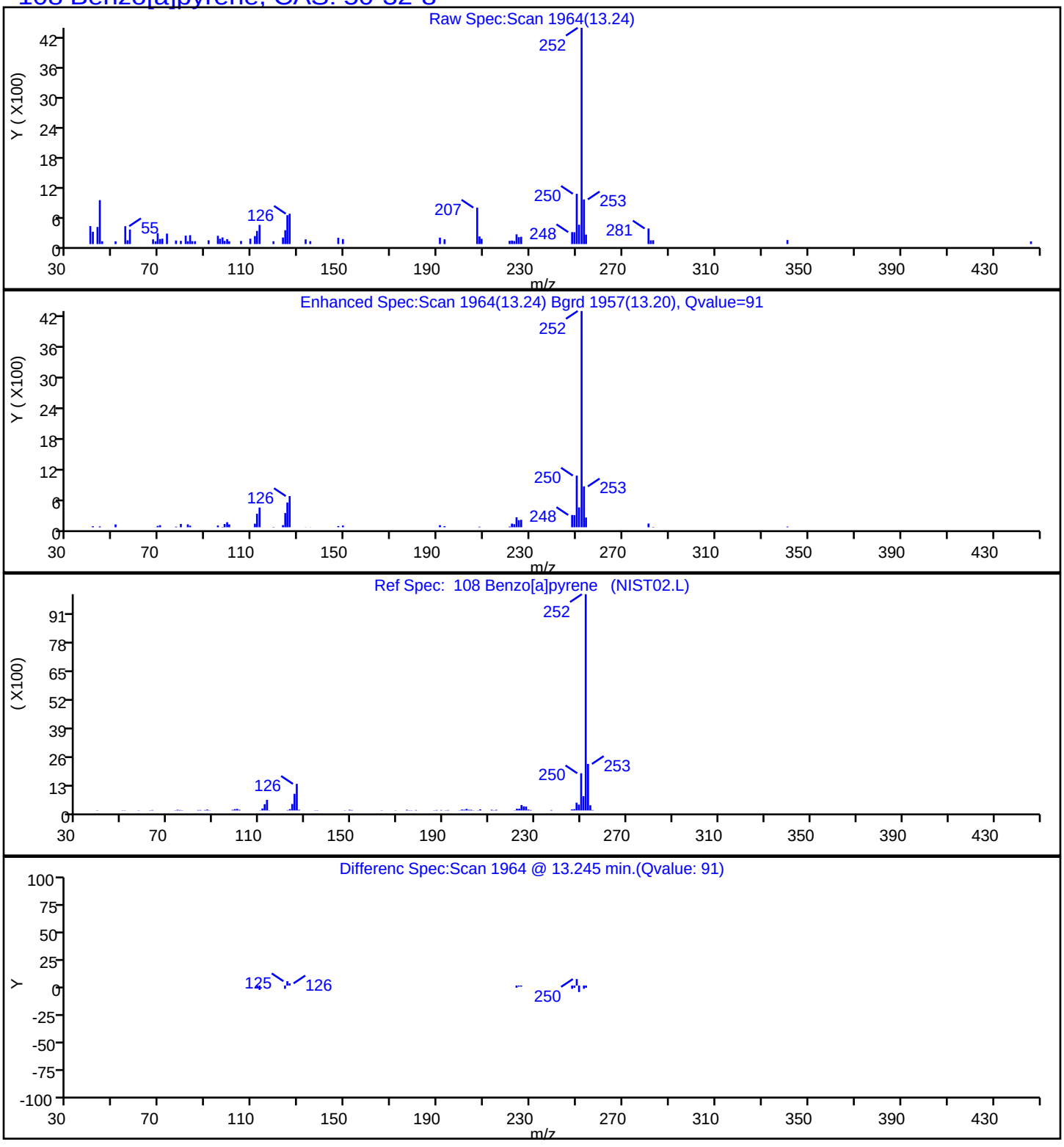
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

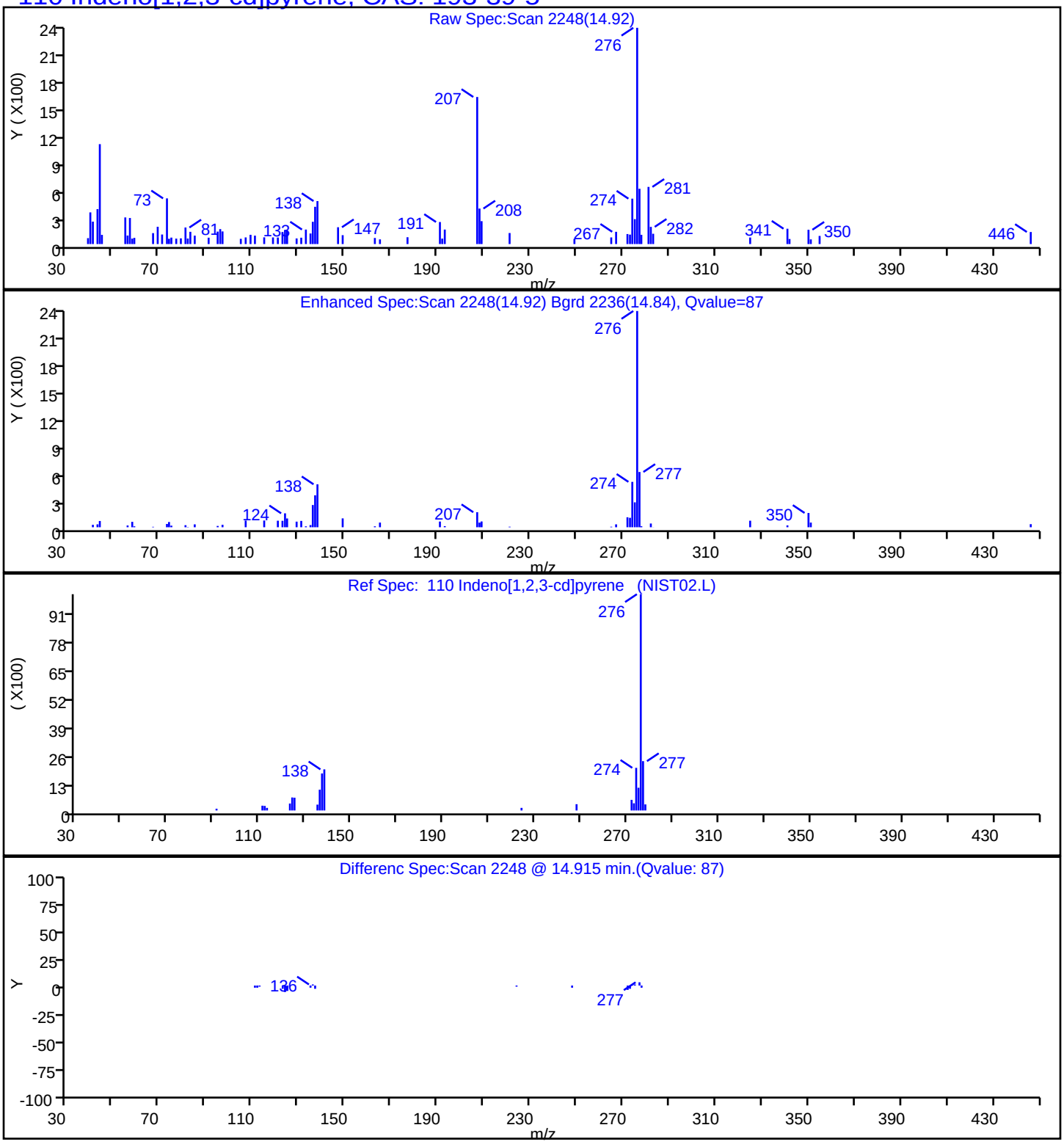
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

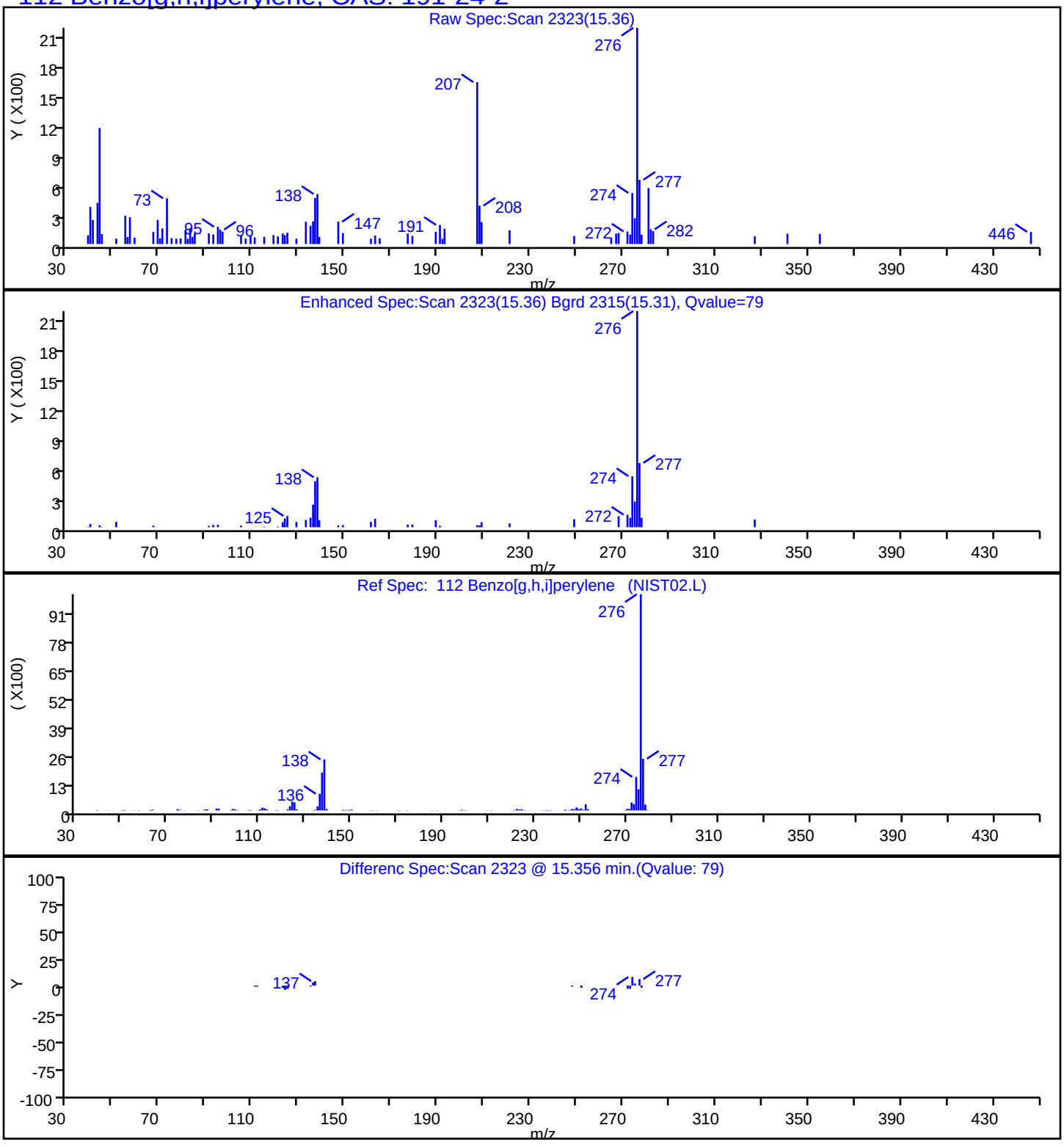
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



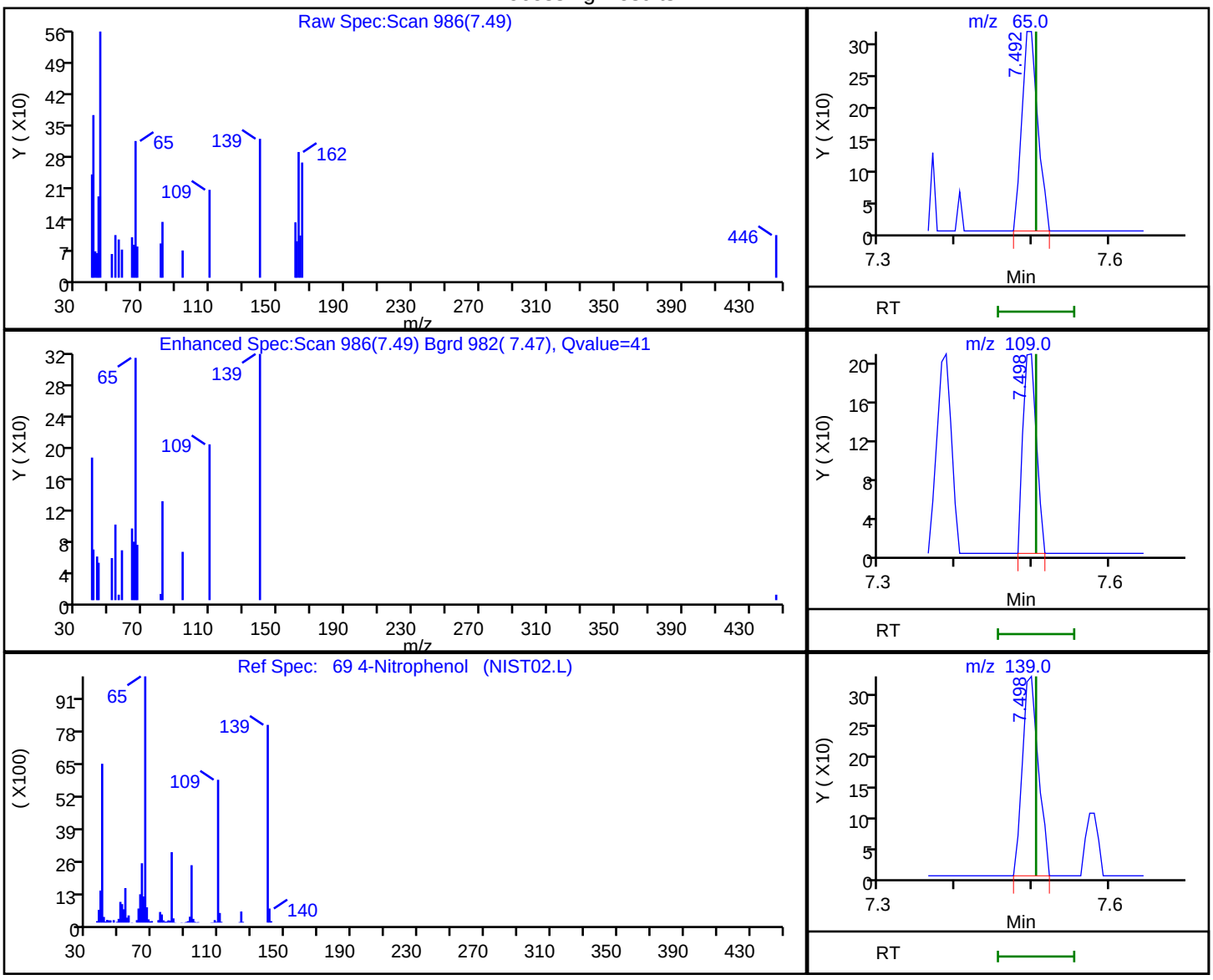
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

69 4-Nitrophenol, CAS: 100-02-7

Processing Results



RT	Mass	Response	Amount
7.49	65.00	450	0.510098
7.50	109.00	245	
7.50	139.00	472	

Reviewer: johnstonm1, 01-Nov-2021 15:05:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

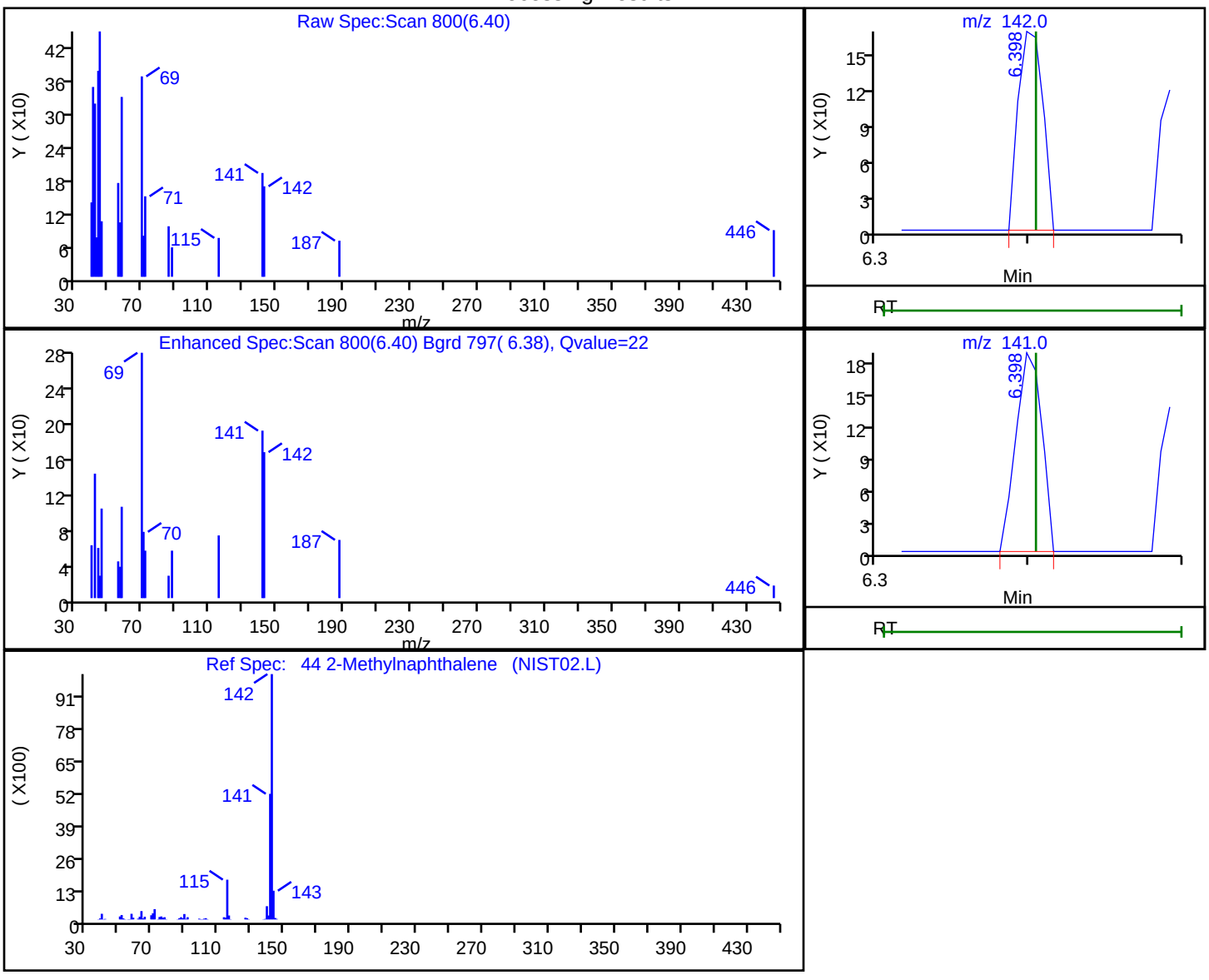
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d		
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1
Client ID:	SB-1		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

44 2-Methylnaphthalene, CAS: 91-57-6

Processing Results



RT	Mass	Response	Amount
6.40	142.00	183	0.042972
6.40	141.00	221	

Reviewer: johnstonm1, 01-Nov-2021 15:05:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

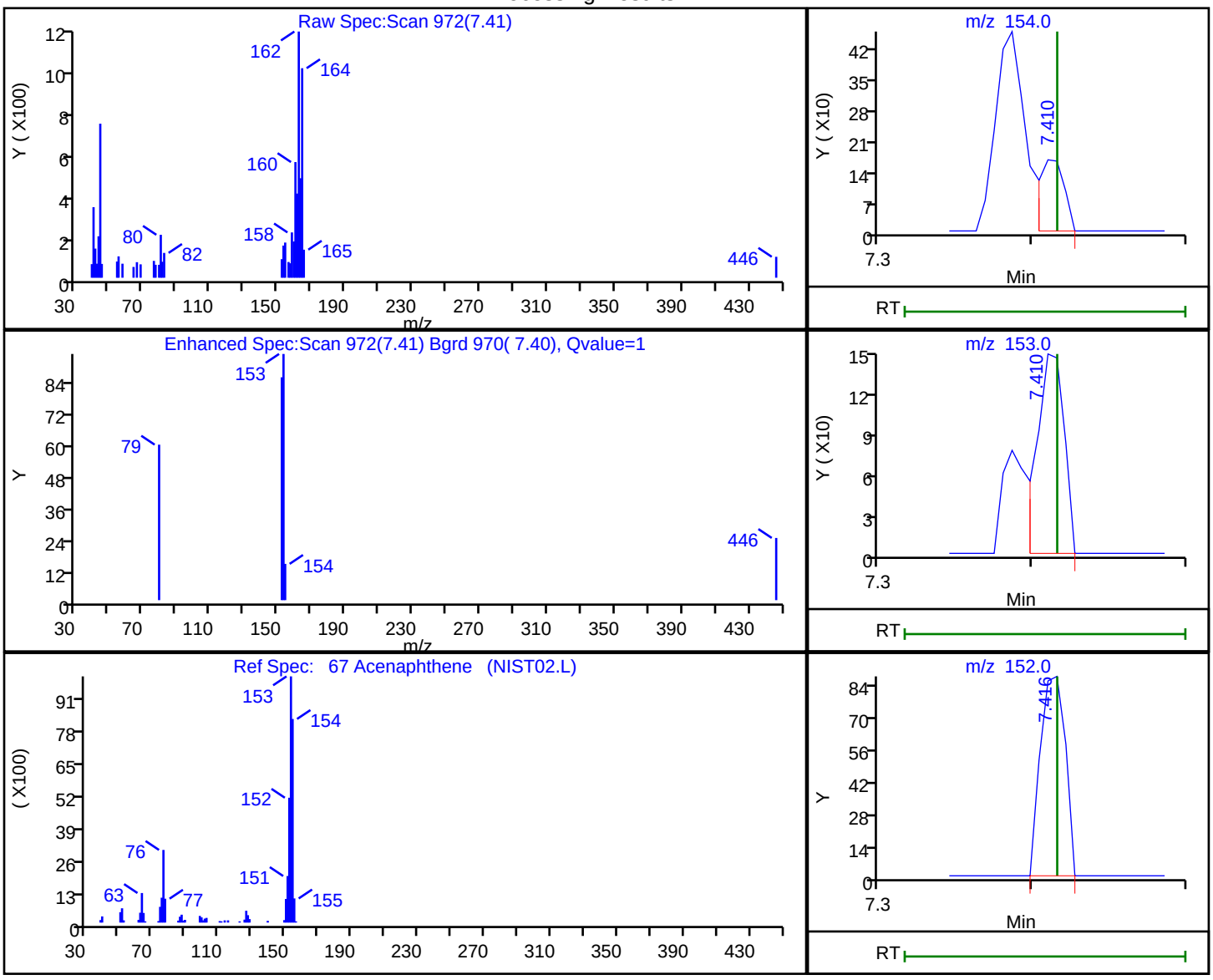
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

67 Acenaphthene, CAS: 83-32-9

Processing Results



RT	Mass	Response	Amount
7.41	154.00	187	0.043040
7.41	153.00	185	
7.42	152.00	100	

Reviewer: johnstonm1, 01-Nov-2021 15:05:48

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

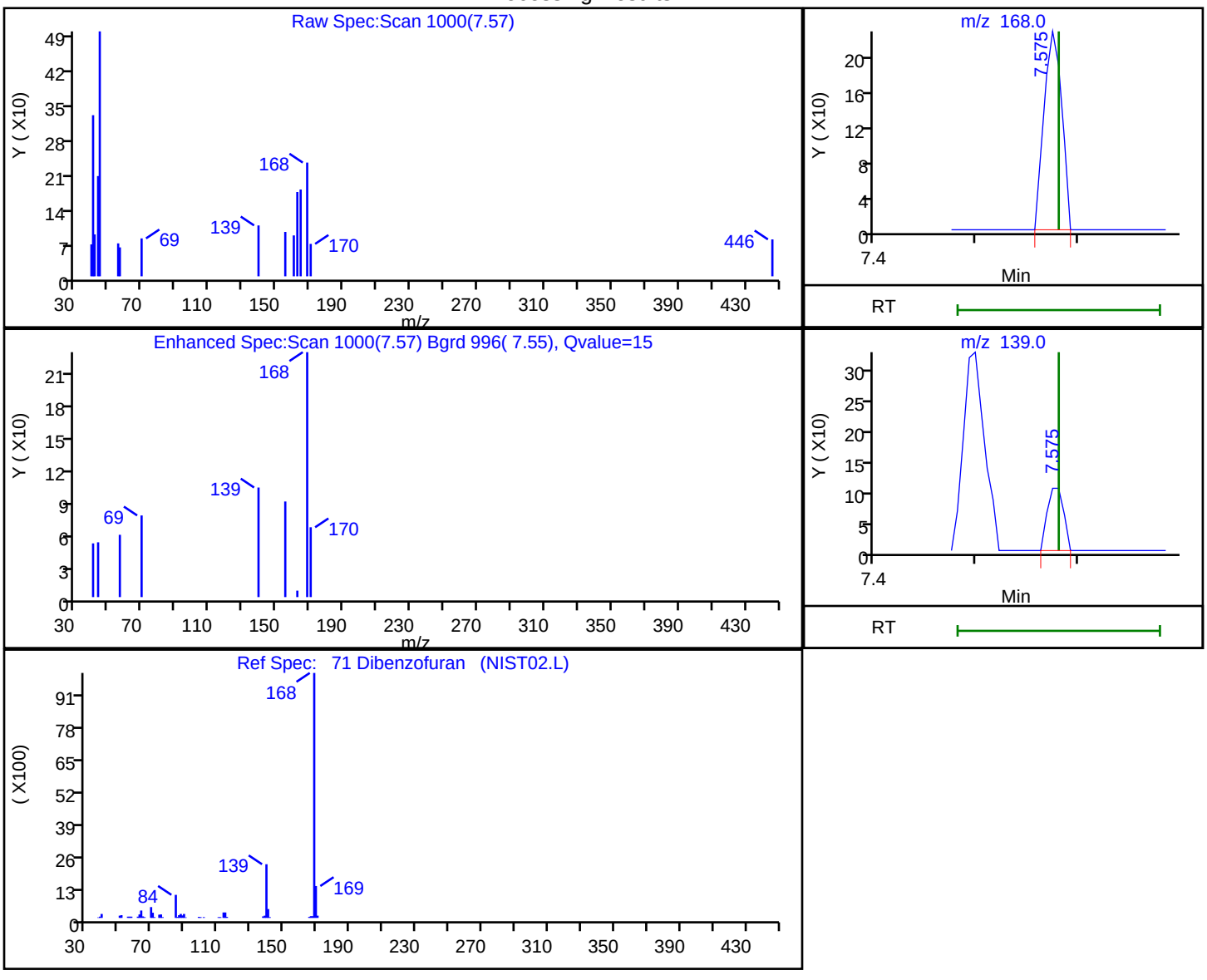
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d		
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1
Client ID:	SB-1		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

71 Dibenzofuran, CAS: 132-64-9

Processing Results



RT	Mass	Response	Amount
7.57	168.00	277	0.047258
7.57	139.00	114	

Reviewer: johnstonm1, 01-Nov-2021 15:05:50

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

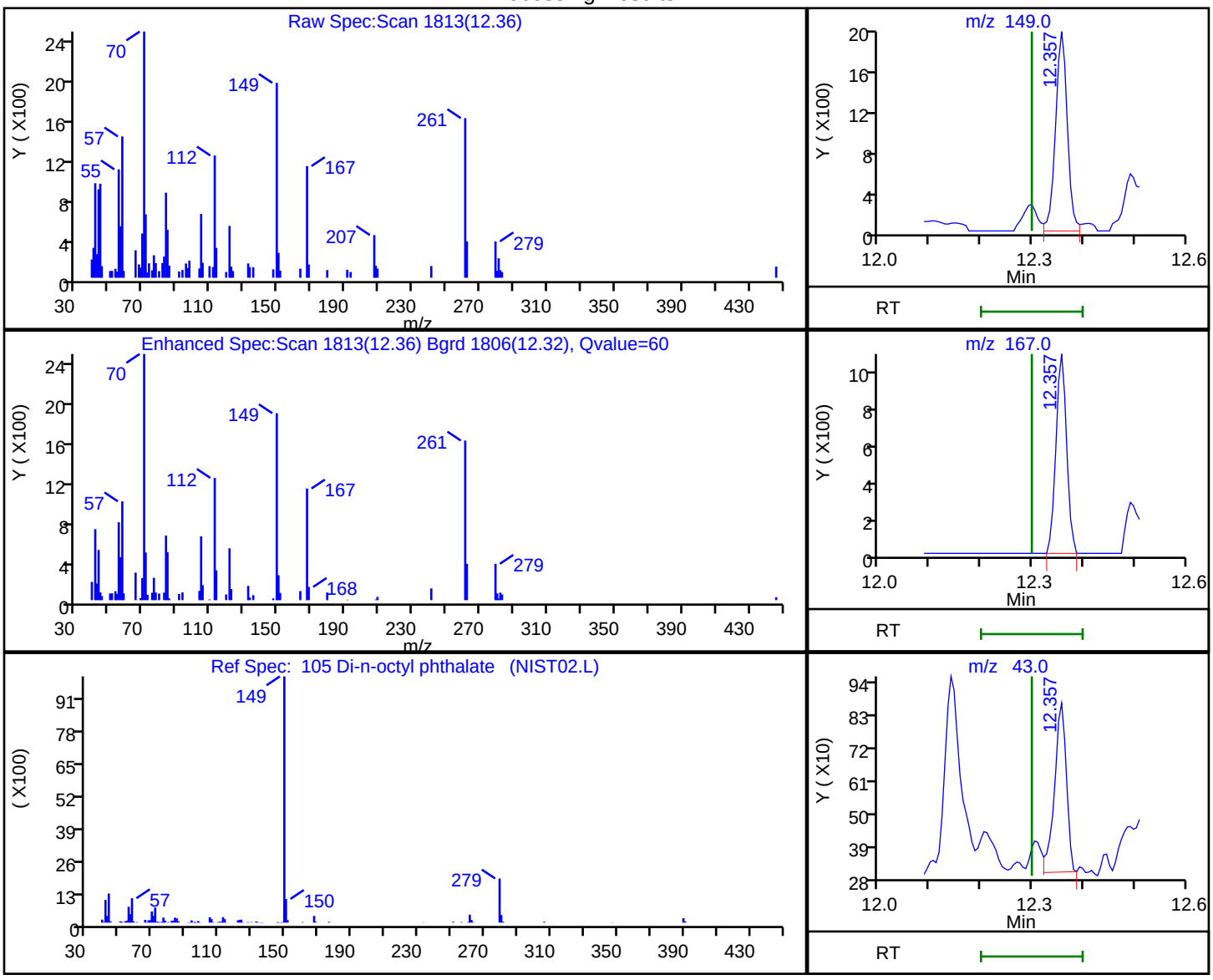
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results



RT	Mass	Response	Amount
12.36	149.00	3083	0.356660
12.36	167.00	1596	
12.36	43.00	920	

Reviewer: johnstonm1, 01-Nov-2021 15:05:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

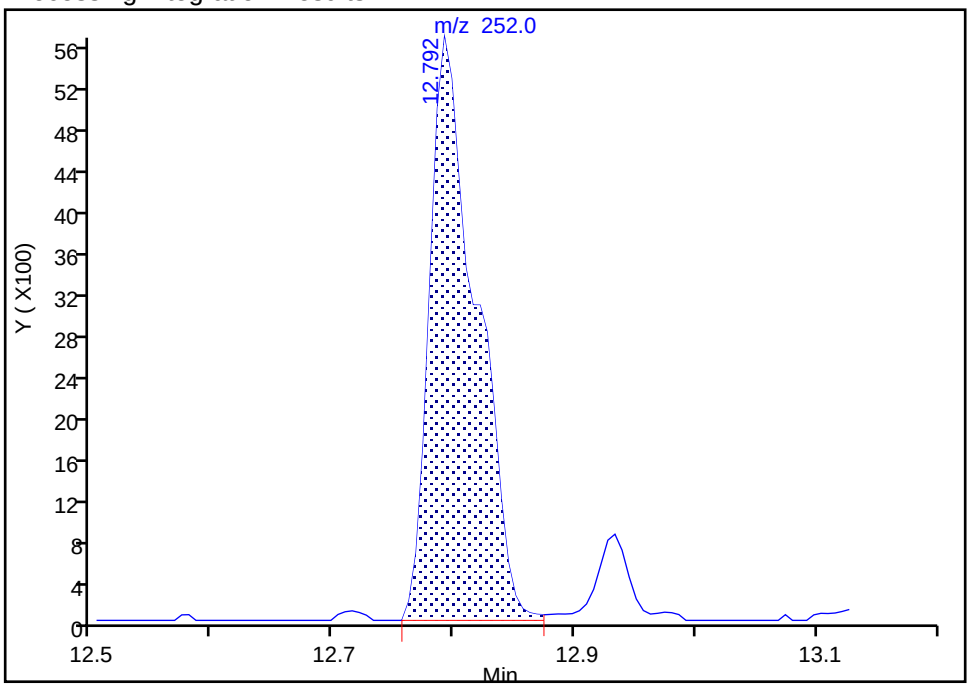
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d		
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1
Client ID:	SB-1		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

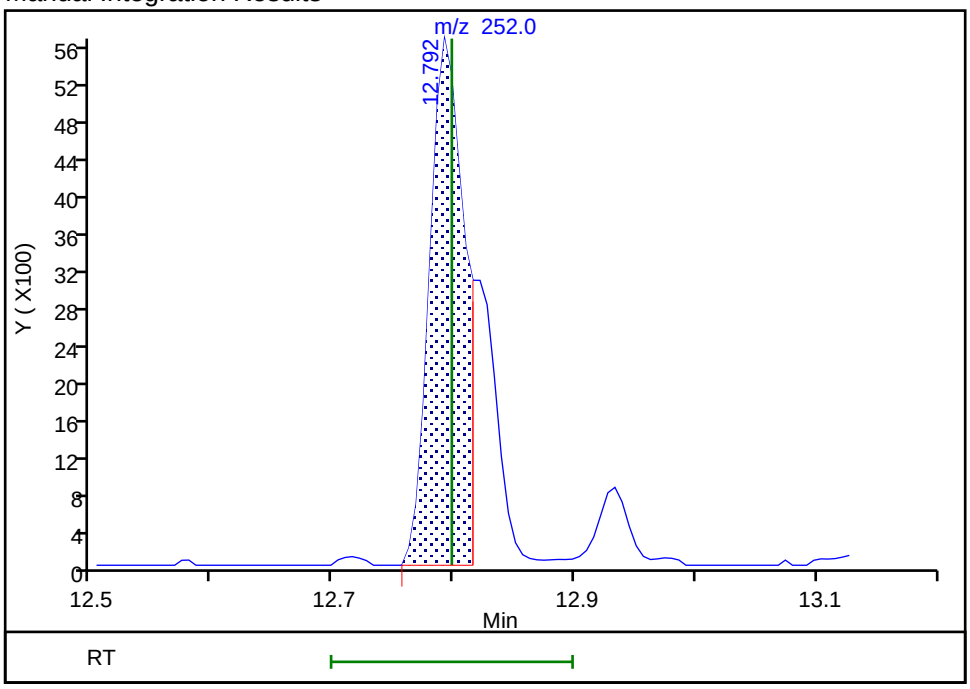
Processing Integration Results

RT: 12.79
Area: 15002
Amount: 1.845907
Amount Units: ug/ml



Manual Integration Results

RT: 12.79
Area: 11436
Amount: 1.407132
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 15:06:10

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

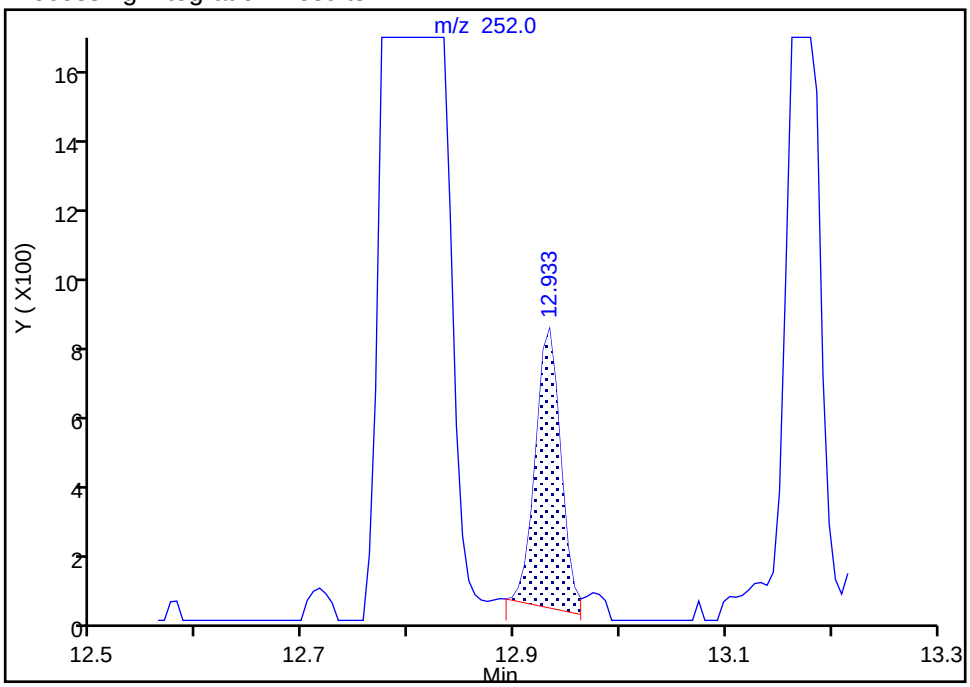
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d				
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

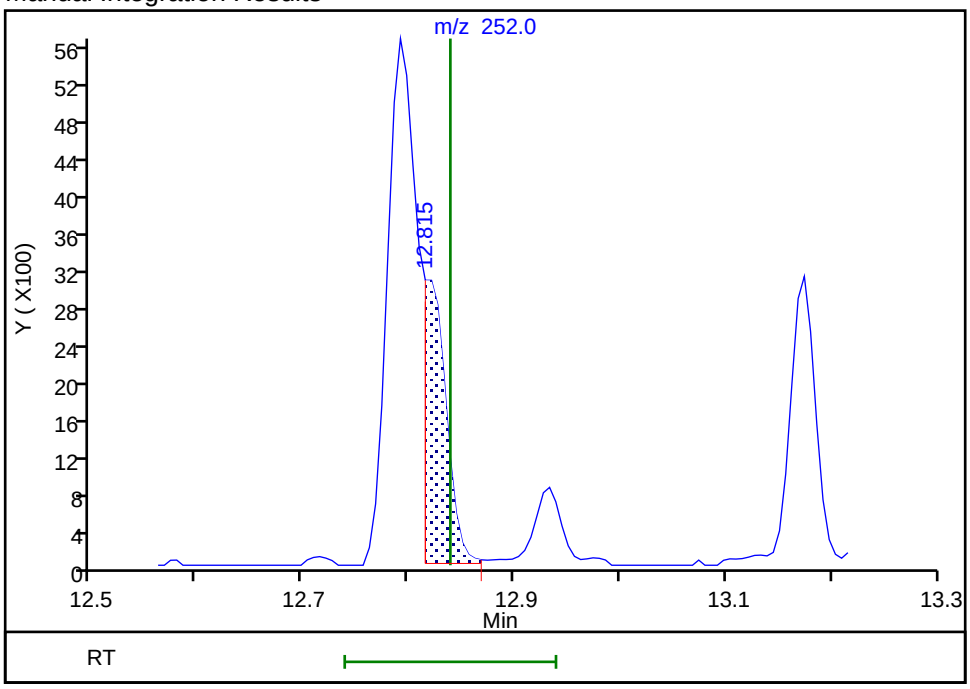
Processing Integration Results

RT: 12.93
Area: 1329
Amount: 0.159342
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 4554
Amount: 0.546008
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 15:06:25

Audit Action: Manually Integrated Audit Reason: Wrong peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

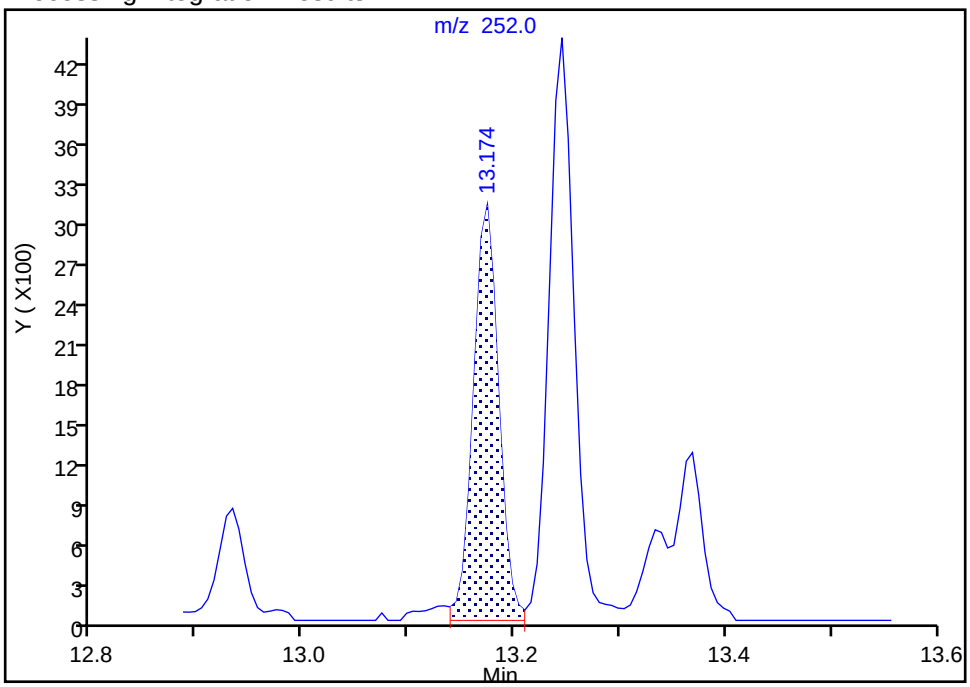
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d		
Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1
Client ID:	SB-1		
Operator ID:		ALS Bottle#:	14 Worklist Smp#: 14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

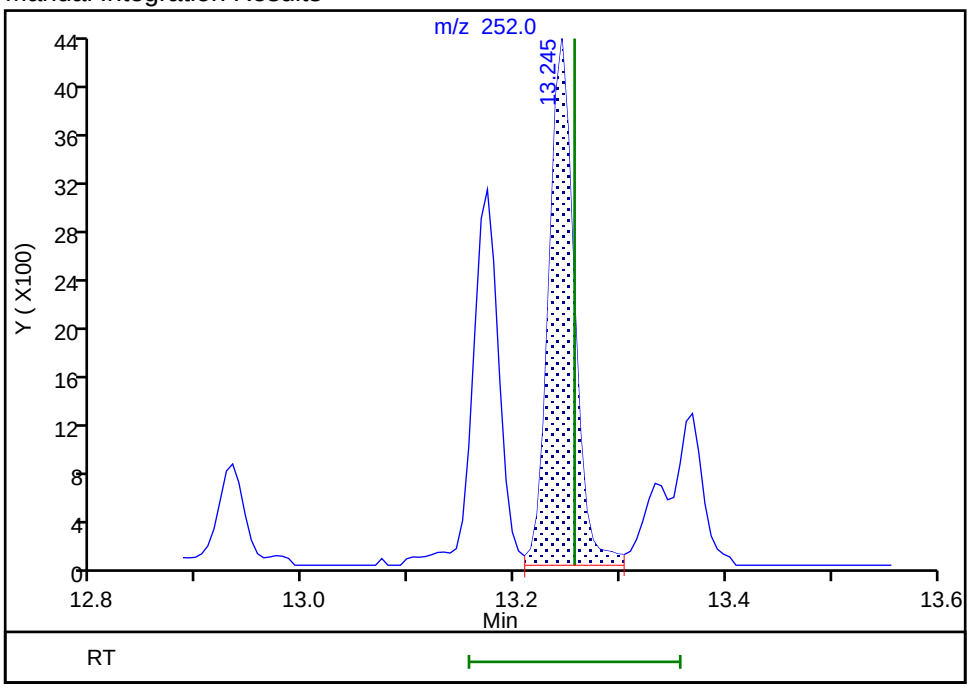
Processing Integration Results

RT: 13.17
Area: 5157
Amount: 0.667461
Amount Units: ug/ml



Manual Integration Results

RT: 13.24
Area: 7256
Amount: 0.939131
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 15:06:29
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

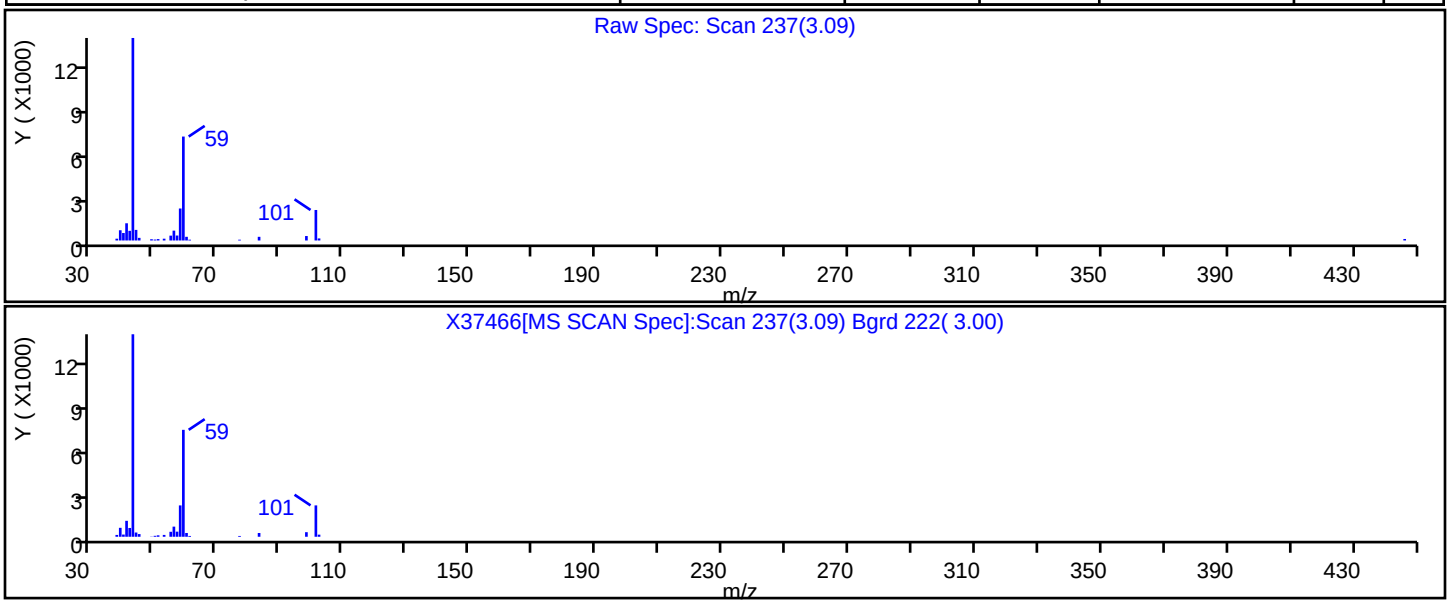
Report Date: 01-Nov-2021 15:07:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d

Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



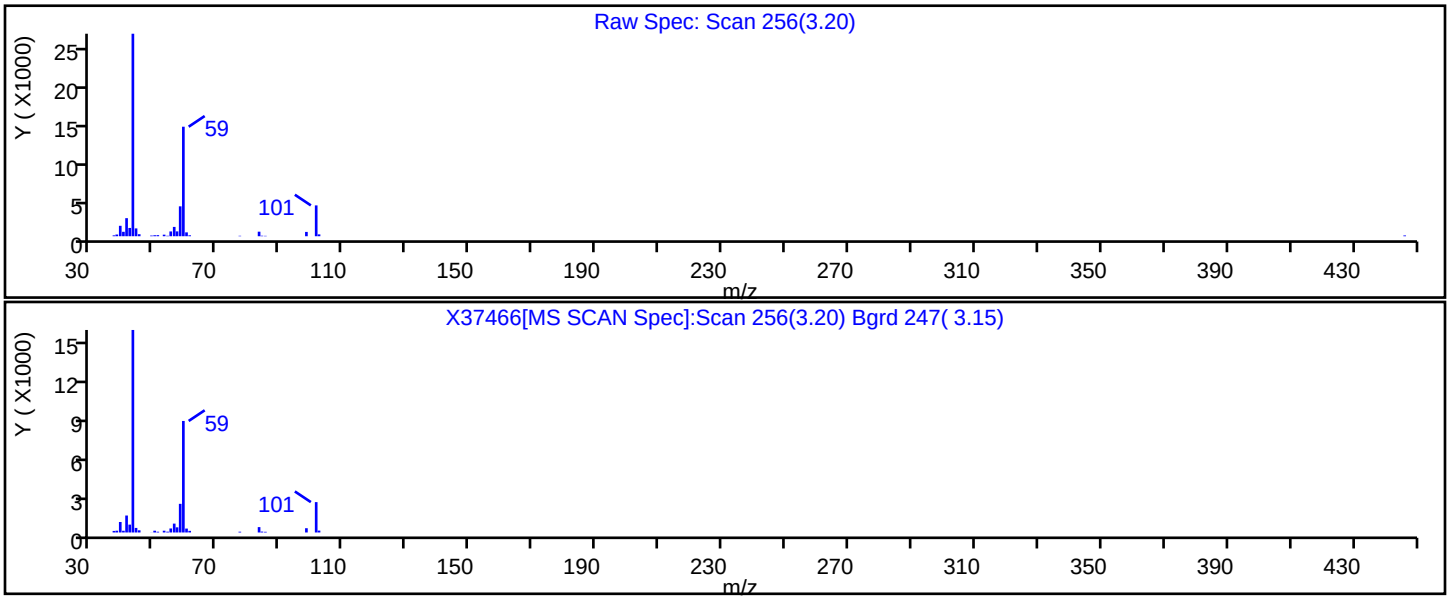
Report Date: 01-Nov-2021 15:07:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37466.d

Injection Date:	01-Nov-2021 14:43:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-1-G	Lab Sample ID:	460-246210-1		
Client ID:	SB-1				
Operator ID:		ALS Bottle#:	14	Worklist Smp#:	14
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: f456478.D

Analysis Method: 8270E Date Collected: 10/28/2021 09:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/02/2021 15:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810823 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.014	U	0.37	0.014
95-57-8	2-Chlorophenol	0.013	U	0.37	0.013
95-48-7	2-Methylphenol	0.014	U	0.37	0.014
106-44-5	4-Methylphenol	0.023	U	0.37	0.023
88-75-5	2-Nitrophenol	0.038	U	0.37	0.038
105-67-9	2,4-Dimethylphenol	0.016	U	0.37	0.016
120-83-2	2,4-Dichlorophenol	0.024	U	0.15	0.024
59-50-7	4-Chloro-3-methylphenol	0.021	U	0.37	0.021
88-06-2	2,4,6-Trichlorophenol	0.048	U	0.15	0.048
95-95-4	2,4,5-Trichlorophenol	0.038	U	0.37	0.038
121-14-2	2,4-Dinitrotoluene	0.040	U	0.076	0.040
100-02-7	4-Nitrophenol	0.061	U	0.76	0.061
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.30	0.15
87-86-5	Pentachlorophenol	0.077	U	0.30	0.077
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.037	0.013
541-73-1	1,3-Dichlorobenzene	0.0050	U	0.37	0.0050
106-46-7	1,4-Dichlorobenzene	0.014	U	0.37	0.014
95-50-1	1,2-Dichlorobenzene	0.0064	U	0.37	0.0064
621-64-7	N-Nitrosodi-n-propylamine	0.027	U	0.037	0.027
67-72-1	Hexachloroethane	0.013	U	0.037	0.013
98-95-3	Nitrobenzene	0.0090	U	0.037	0.0090
78-59-1	Isophorone	0.11	U	0.15	0.11
120-82-1	1,2,4-Trichlorobenzene	0.0096	U	0.037	0.0096
91-20-3	Naphthalene	0.0095	J	0.37	0.0065
87-68-3	Hexachlorobutadiene	0.0080	U	0.076	0.0080
91-57-6	2-Methylnaphthalene	0.010	U	0.37	0.010
77-47-4	Hexachlorocyclopentadiene	0.033	U	0.37	0.033
91-58-7	2-Chloronaphthalene	0.017	U	0.37	0.017
88-74-4	2-Nitroaniline	0.014	U	0.37	0.014
131-11-3	Dimethyl phthalate	0.085	U	0.37	0.085
208-96-8	Acenaphthylene	0.0096	J	0.37	0.0038
606-20-2	2,6-Dinitrotoluene	0.027	U	0.076	0.027
99-09-2	3-Nitroaniline	0.042	U	0.37	0.042
83-32-9	Acenaphthene	0.014	J	0.37	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: f456478.D

Analysis Method: 8270E Date Collected: 10/28/2021 09:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/02/2021 15:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810823 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0066	J	0.37	0.0053
51-28-5	2,4-Dinitrophenol	0.18	U	0.30	0.18
84-66-2	Diethyl phthalate	0.0054	U	0.37	0.0054
7005-72-3	4-Chlorophenyl phenyl ether	0.013	U	0.37	0.013
86-73-7	Fluorene	0.013	J	0.37	0.0051
100-01-6	4-Nitroaniline	0.043	U	0.37	0.043
86-30-6	N-Nitrosodiphenylamine	0.031	U	0.37	0.031
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.37	0.015
118-74-1	Hexachlorobenzene	0.018	U	0.037	0.018
85-01-8	Phenanthrene	0.18	J	0.37	0.0066
120-12-7	Anthracene	0.034	J	0.37	0.011
86-74-8	Carbazole	0.020	J	0.37	0.014
84-74-2	Di-n-butyl phthalate	0.014	U	0.37	0.014
206-44-0	Fluoranthene	0.34	J	0.37	0.013
129-00-0	Pyrene	0.29	J	0.37	0.0093
85-68-7	Butyl benzyl phthalate	0.018	U	0.37	0.018
56-55-3	Benzo[a]anthracene	0.17		0.037	0.013
218-01-9	Chrysene	0.18	J	0.37	0.0063
117-81-7	Bis(2-ethylhexyl) phthalate	0.098	J	0.37	0.020
117-84-0	Di-n-octyl phthalate	0.020	U	0.37	0.020
205-99-2	Benzo[b]fluoranthene	0.22		0.037	0.0097
207-08-9	Benzo[k]fluoranthene	0.083		0.037	0.0073
50-32-8	Benzo[a]pyrene	0.16		0.037	0.010
193-39-5	Indeno[1,2,3-cd]pyrene	0.15		0.037	0.015
53-70-3	Dibenz(a,h)anthracene	0.025	J	0.037	0.016
191-24-2	Benzo[g,h,i]perylene	0.084	J	0.37	0.011
108-60-1	2,2'-oxybis[1-chloropropane]	0.0068	U	0.37	0.0068
91-94-1	3,3'-Dichlorobenzidine	0.057	U	0.15	0.057
111-91-1	Bis(2-chloroethoxy)methane	0.029	U	0.37	0.029

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: f456478.D

Analysis Method: 8270E Date Collected: 10/28/2021 09:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/02/2021 15:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810823 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	99		11-104
4165-62-2	Phenol-d5	105	S1+	15-100
1718-51-0	Terphenyl-d14	100		12-126
118-79-6	2,4,6-Tribromophenol	102		10-123
367-12-4	2-Fluorophenol	105		10-105
321-60-8	2-Fluorobiphenyl	98		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: f456478.D

Analysis Method: 8270E Date Collected: 10/28/2021 09:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/02/2021 15:20

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810823 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 2.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.14	2.9	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D
Lims ID: 460-246210-F-2-C
Client ID: SB-2
Sample Type: Client
Inject. Date: 02-Nov-2021 15:20:55 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136981-022
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-Nov-2021 12:54:13 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: eisam Date: 02-Nov-2021 17:32:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.321	2.318	0.003	90	148153	52.3	
$ 8 Phenol-d5	99	2.934	2.941	-0.007	99	185672	52.6	
* 15 1,4-Dichlorobenzene-d4	152	3.203	3.209	-0.006	97	83222	40.0	
$ 26 Nitrobenzene-d5	82	3.619	3.628	-0.009	93	161041	49.6	
* 36 Naphthalene-d8	136	4.168	4.174	-0.006	99	316908	40.0	
37 Naphthalene	128	4.182	4.189	-0.007	41	1040	0.1263	
$ 50 2-Fluorobiphenyl	172	5.006	5.013	-0.007	97	335948	49.0	
59 Acenaphthylene	152	5.398	5.403	-0.005	85	1117	0.1276	
* 61 Acenaphthene-d10	164	5.507	5.512	-0.005	99	183626	40.0	
62 Acenaphthene	154	5.528	5.536	-0.008	3	946	0.1914	
66 Dibenzofuran	168	5.661	5.669	-0.008	85	661	0.0874	
70 Fluorene	166	5.918	5.926	-0.008	87	1040	0.1704	
$ 76 2,4,6-Tribromophenol	330	6.098	6.106	-0.008	94	65574	51.1	
* 83 Phenanthrene-d10	188	6.617	6.623	-0.006	99	340003	40.0	
84 Phenanthrene	178	6.632	6.640	-0.008	98	21853	2.41	
85 Anthracene	178	6.671	6.679	-0.008	95	4169	0.4478	
87 Carbazole	167	6.800	6.806	-0.006	58	2232	0.2606	
89 Fluoranthene	202	7.518	7.526	-0.008	97	43478	4.46	
91 Pyrene	202	7.684	7.691	-0.007	96	38582	3.85	
$ 93 Terphenyl-d14	244	7.820	7.824	-0.004	98	419092	50.0	
100 Benzo[a]anthracene	228	8.616	8.625	-0.009	55	21671	2.28	
* 98 Chrysene-d12	240	8.625	8.634	-0.009	99	321487	40.0	
101 Chrysene	228	8.646	8.657	-0.011	71	23260	2.41	
102 Bis(2-ethylhexyl) phthalate	149	8.688	8.693	-0.005	83	8824	1.30	
104 Benzo[b]fluoranthene	252	9.600	9.609	-0.009	96	25394	2.97	
105 Benzo[k]fluoranthene	252	9.621	9.638	-0.017	30	10823	1.09	M
106 Benzo[a]pyrene	252	9.918	9.928	-0.010	94	18137	2.14	
* 107 Perylene-d12	264	9.974	9.984	-0.010	98	341032	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.056	11.069	-0.013	96	12365	2.02	
109 Dibenz(a,h)anthracene	278	11.089	11.089	-0.007	38	2716	0.3355	a
110 Benzo[g,h,i]perylene	276	11.317	11.335	-0.018	94	10461	1.11	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Lims ID:	460-246210-F-2-C				
Client ID:	SB-2				
Sample Type:	Client				
Inject. Date:	02-Nov-2021 15:20:55	ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0136981-022				
Operator ID:		Instrument ID:	CBNAMS15		
Method:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\8270_15R_9.m				
Limit Group:	SV 8270E ICAL				
Last Update:	03-Nov-2021 12:54:13	Calib Date:	12-Oct-2021 12:42:09		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02SEMI.L				
Min. Match:	80				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1633				
First Level Reviewer: eisam		Date:	02-Nov-2021 17:32:08		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.138	514346	38.9	15	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 15 1,4-Dichlorobenzene-d4	3.203	528755	40.0

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

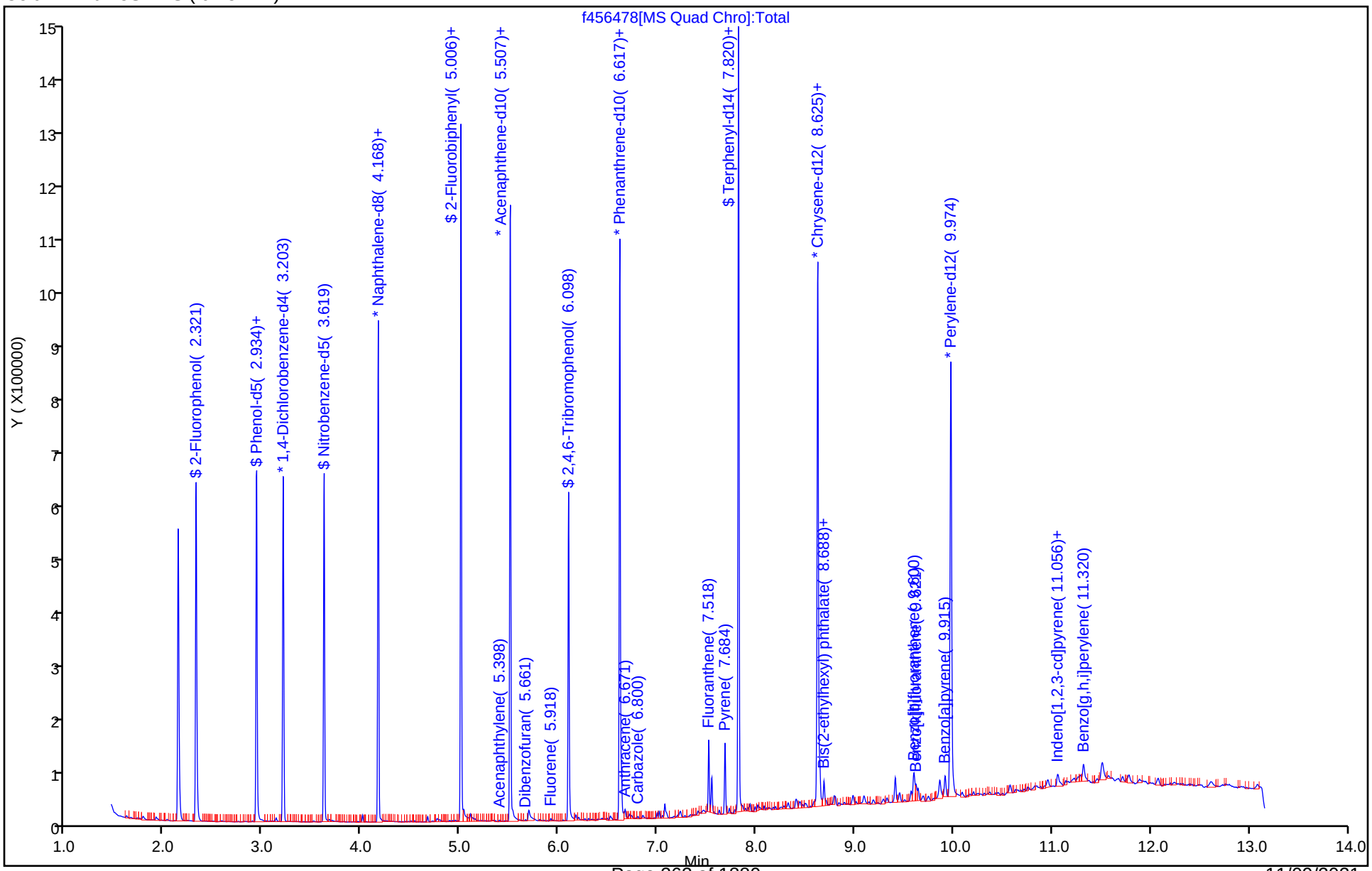
Report Date: 03-Nov-2021 12:54:13 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D

Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2	Worklist Smp#:	22
Client ID:	SB-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

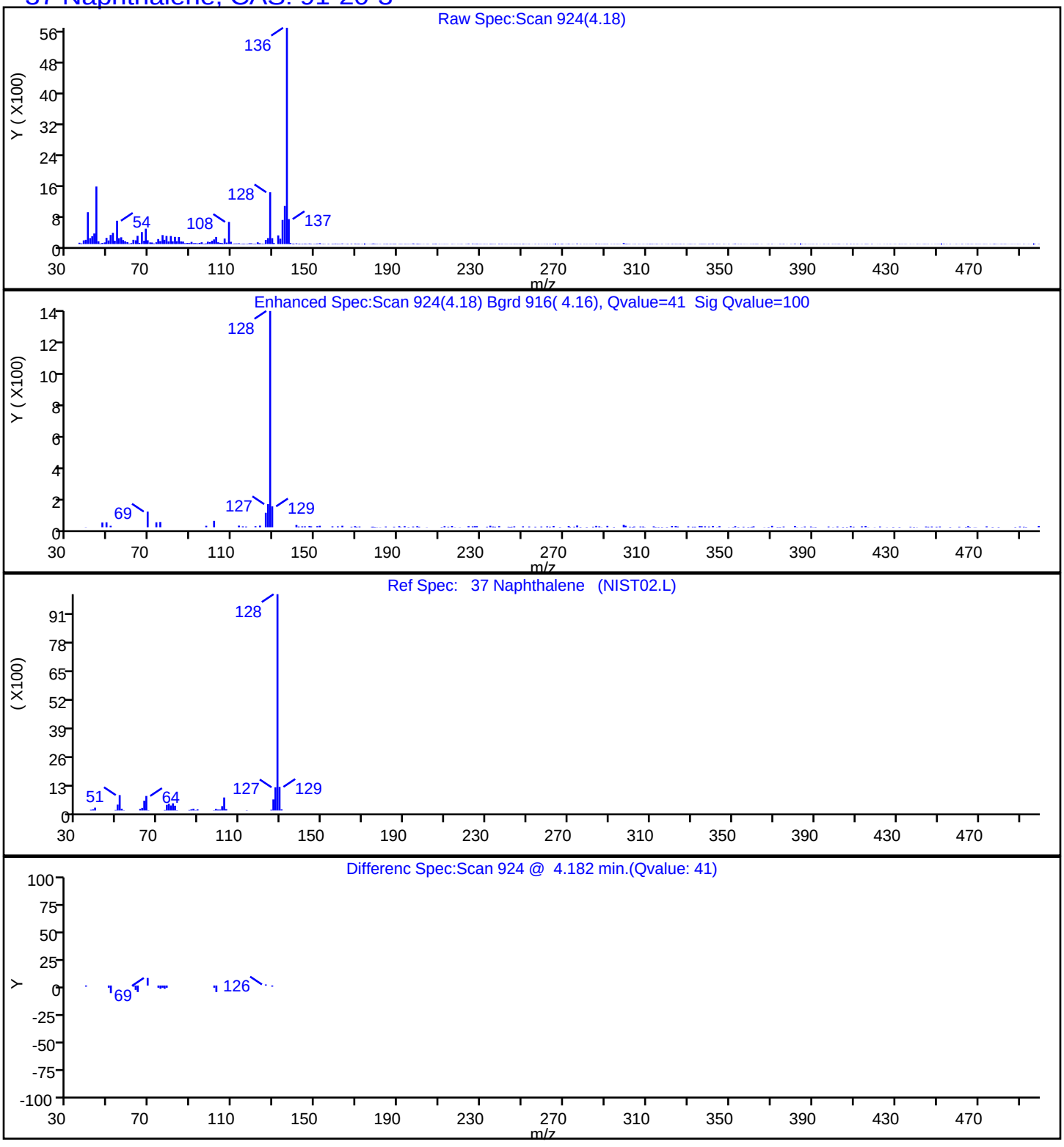


Report Date: 03-Nov-2021 12:54:13 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

37 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

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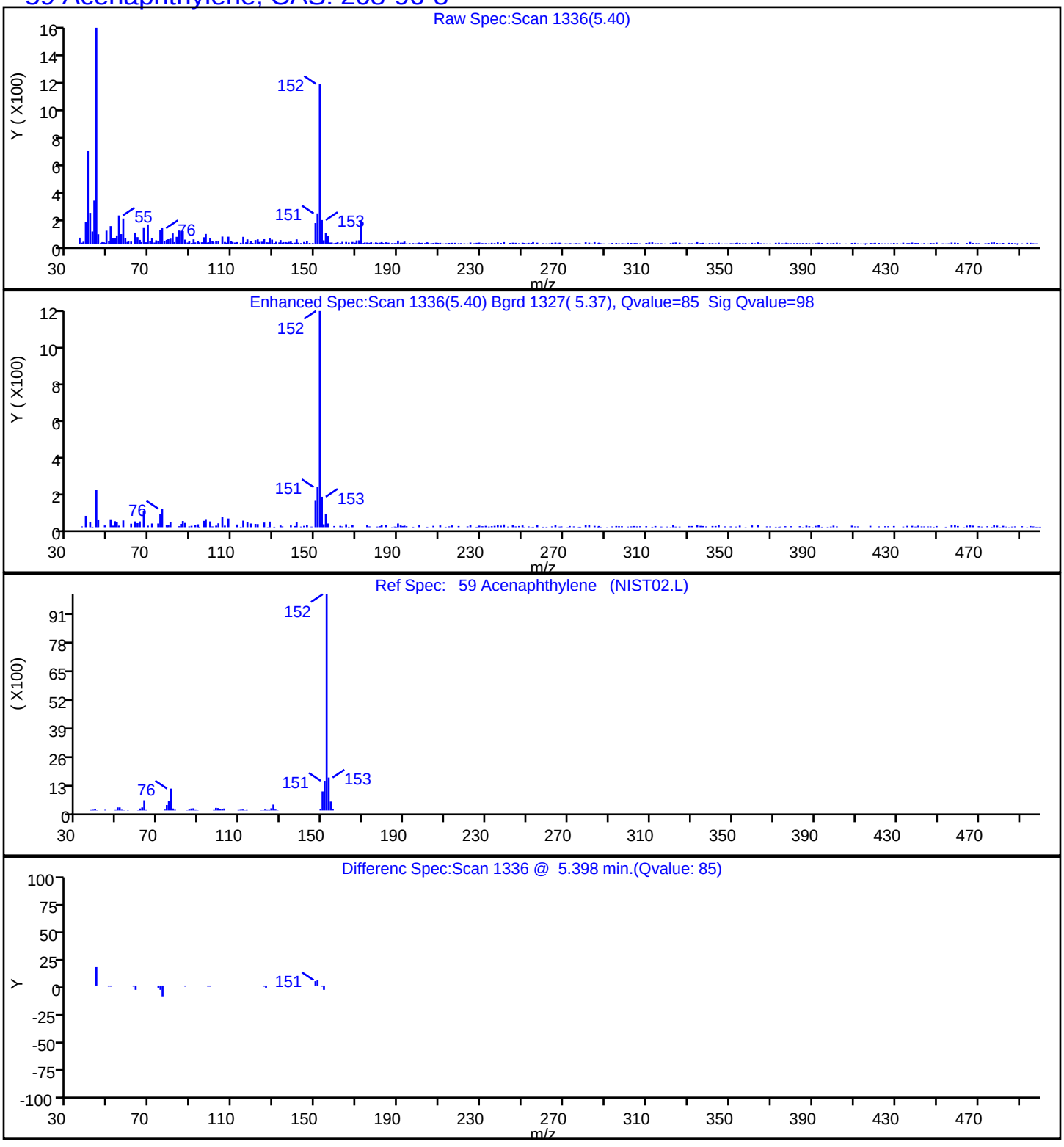
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

59 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
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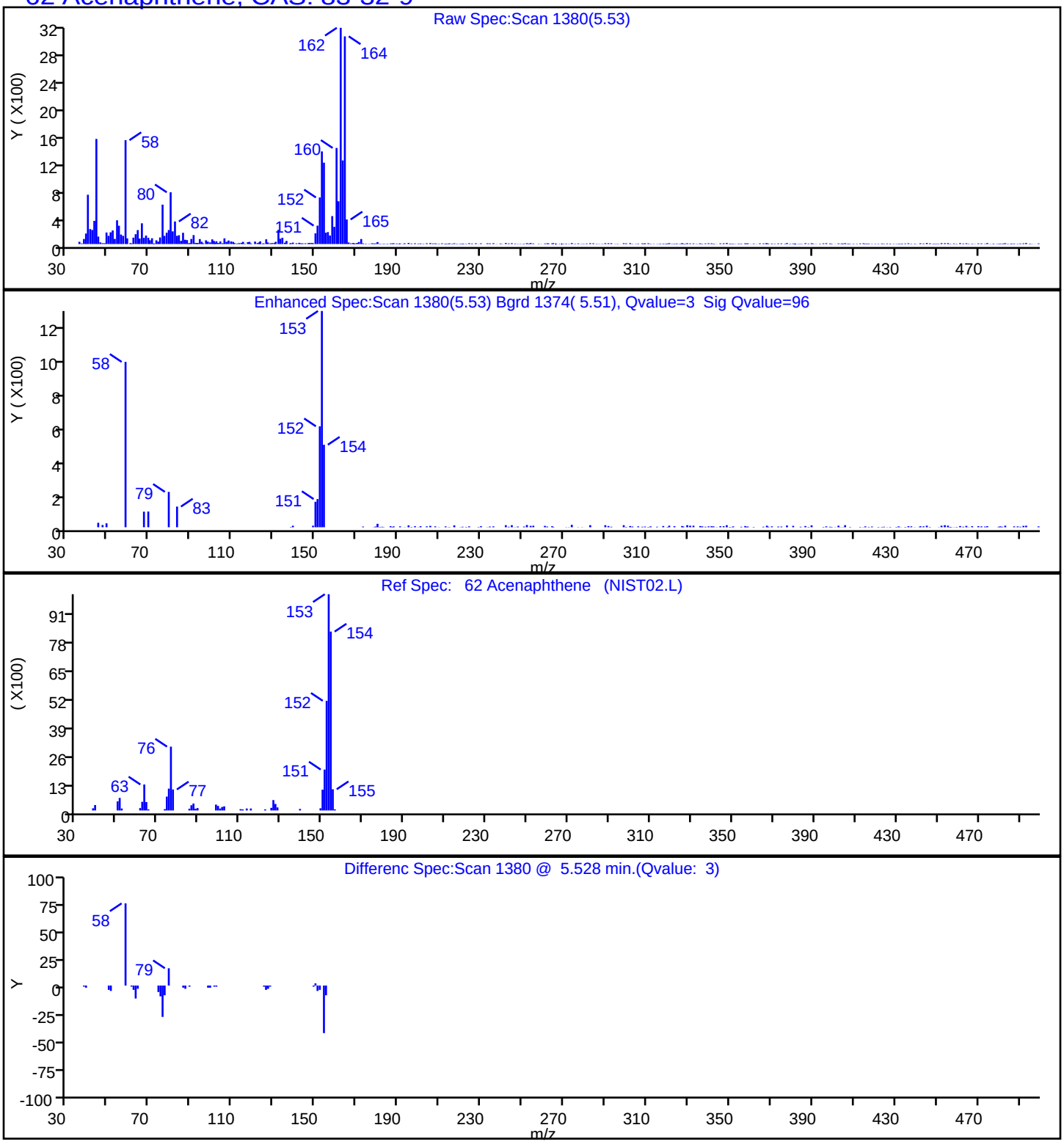
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

62 Acenaphthene, CAS: 83-32-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
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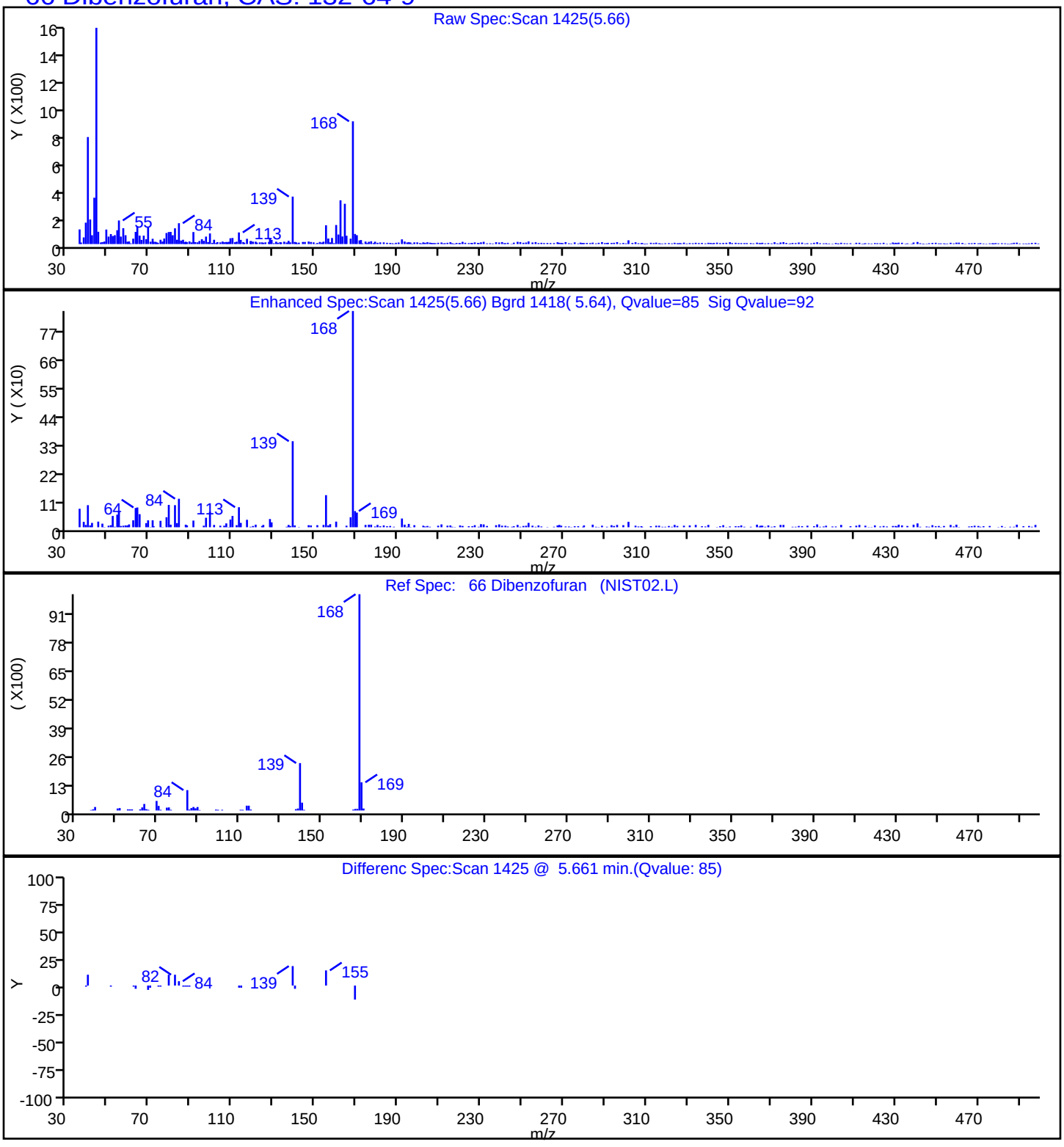
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

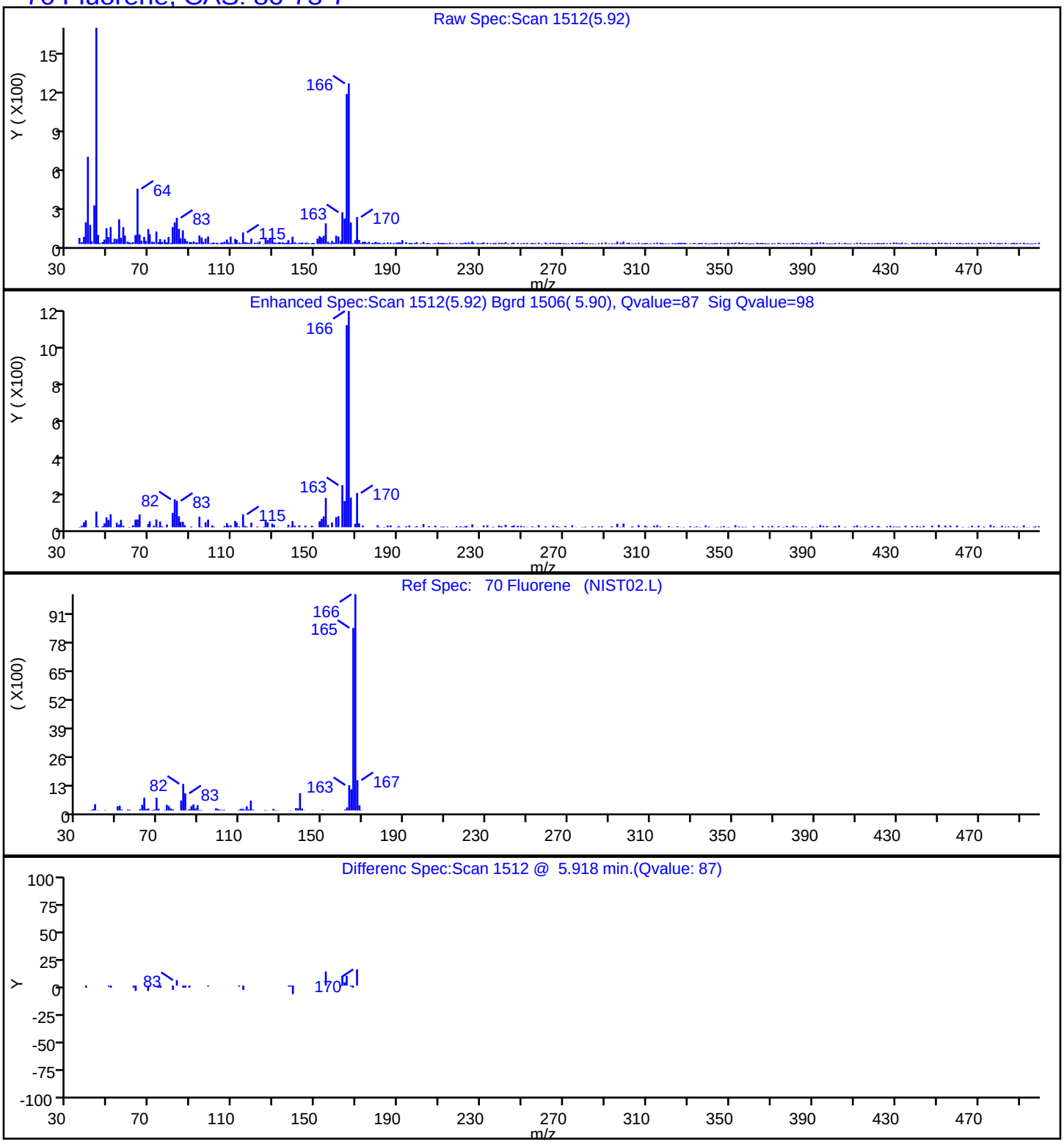
66 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

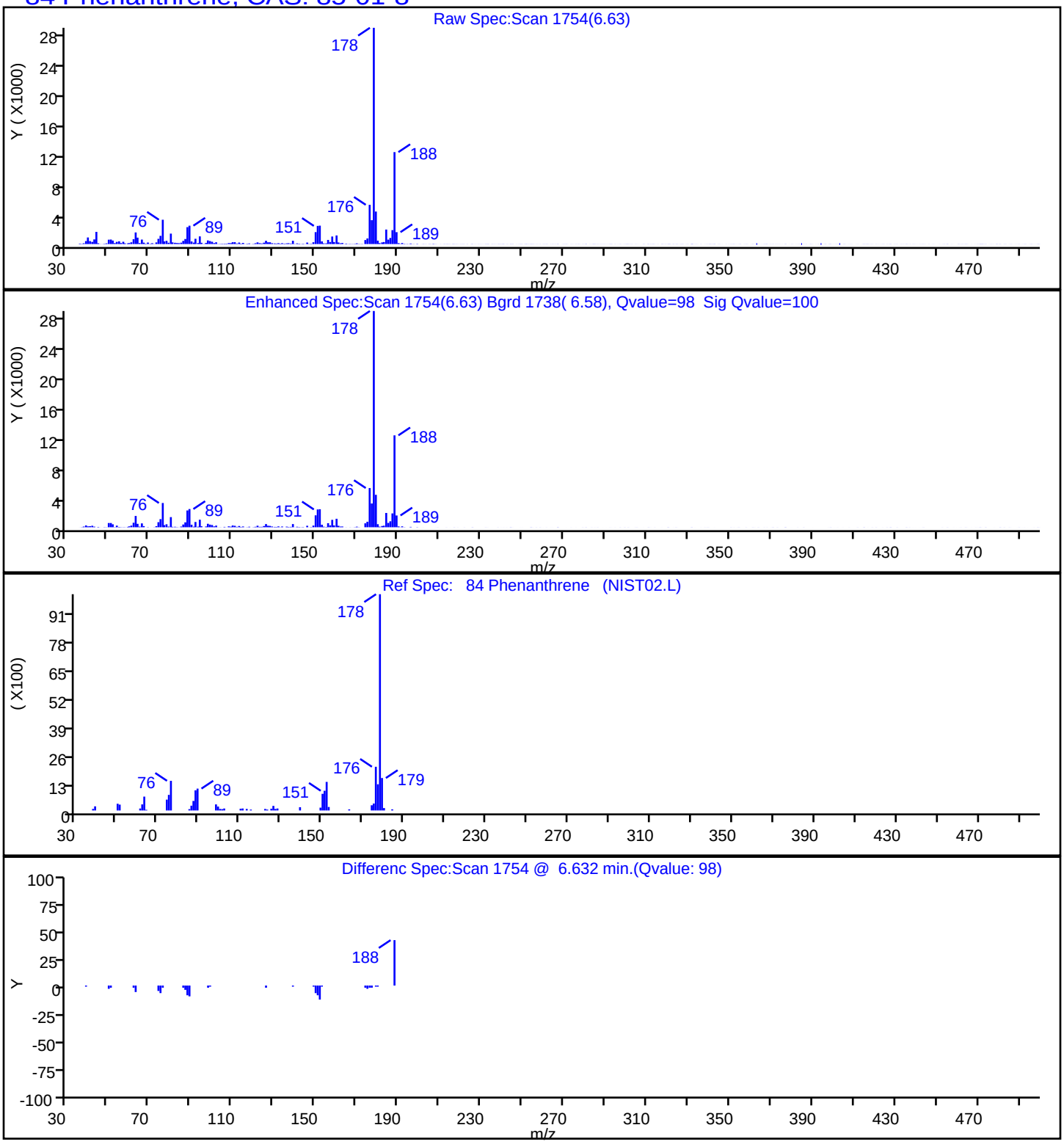
70 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

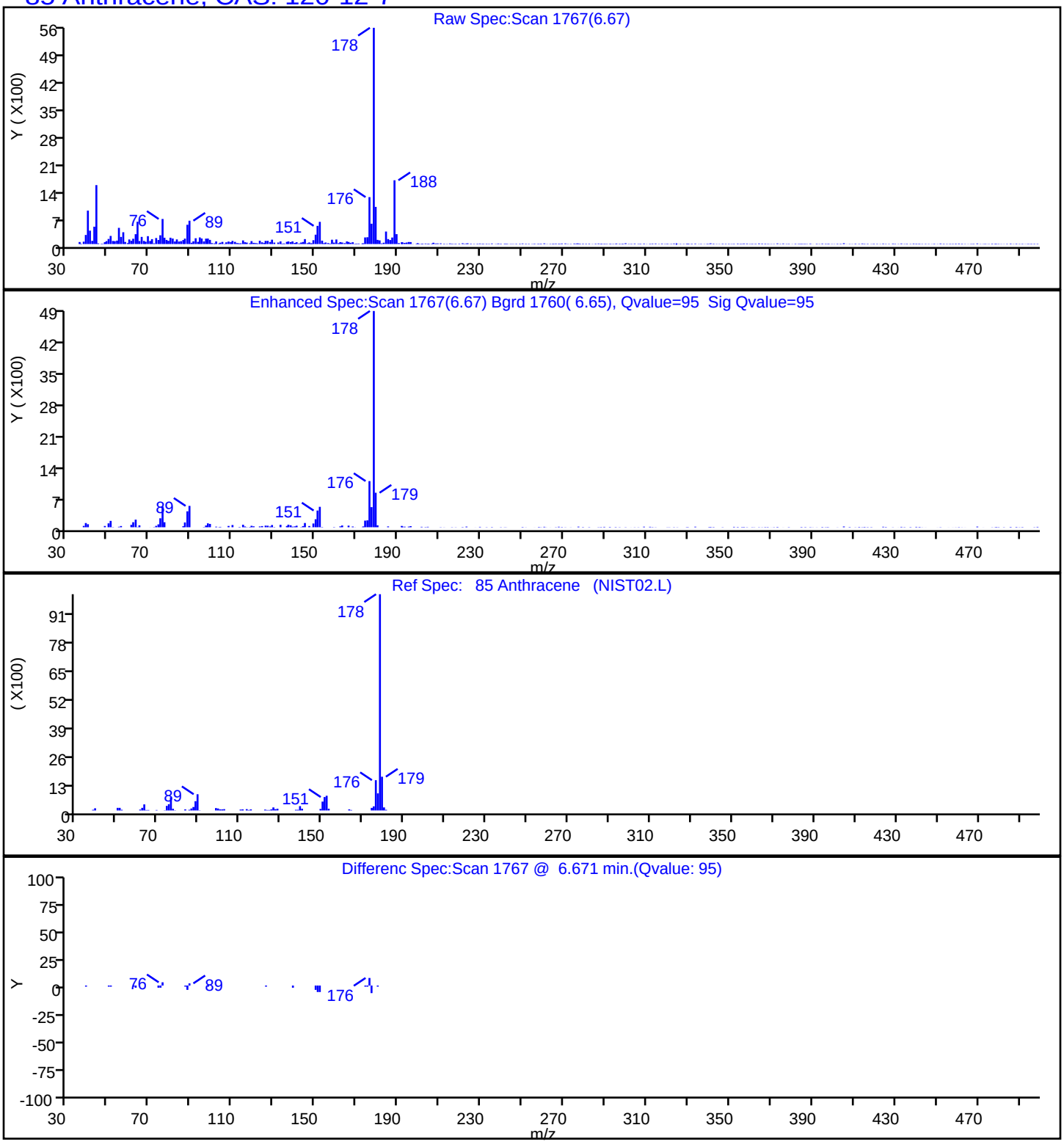


Report Date: 03-Nov-2021 12:54:14 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
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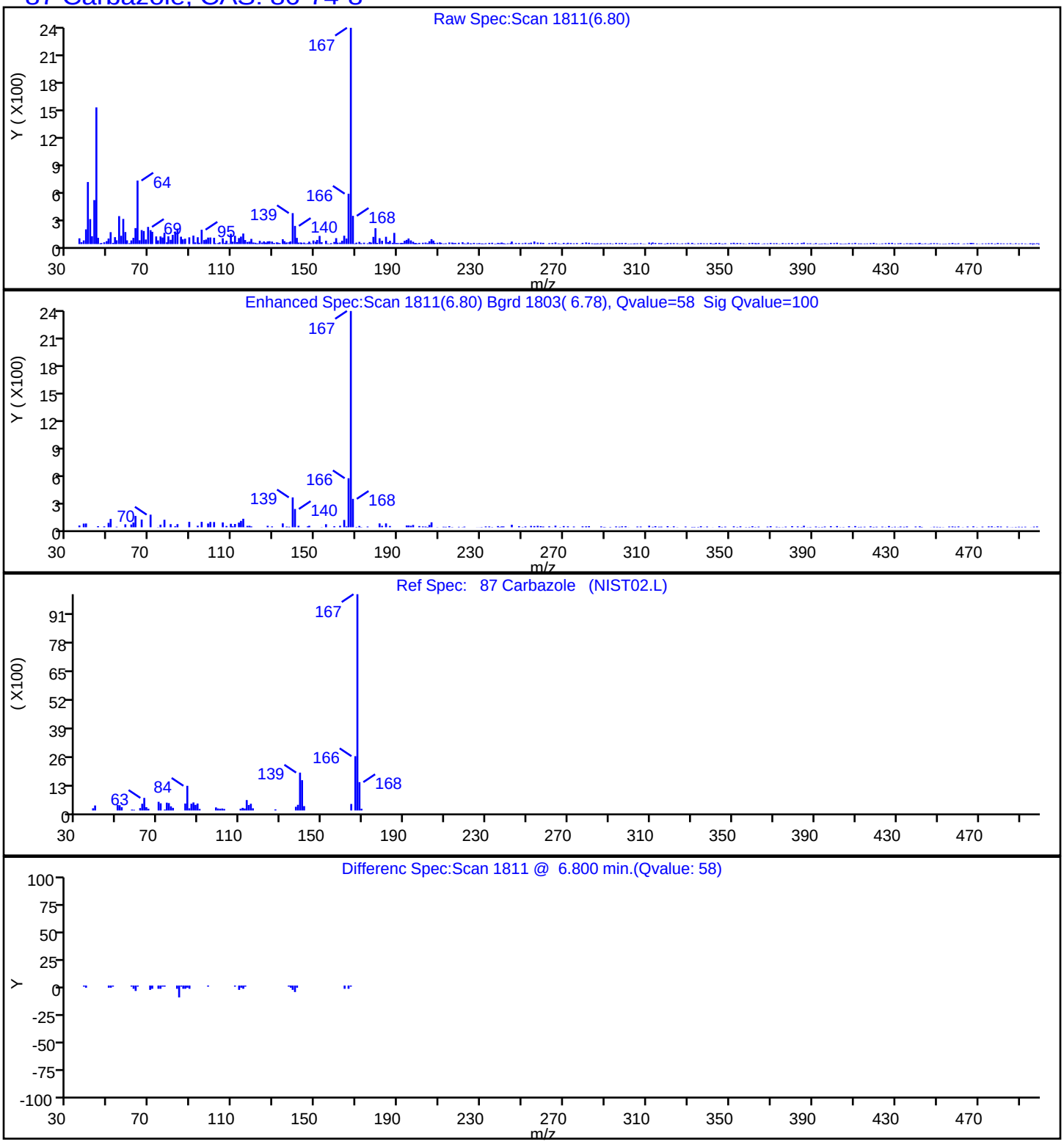
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

87 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
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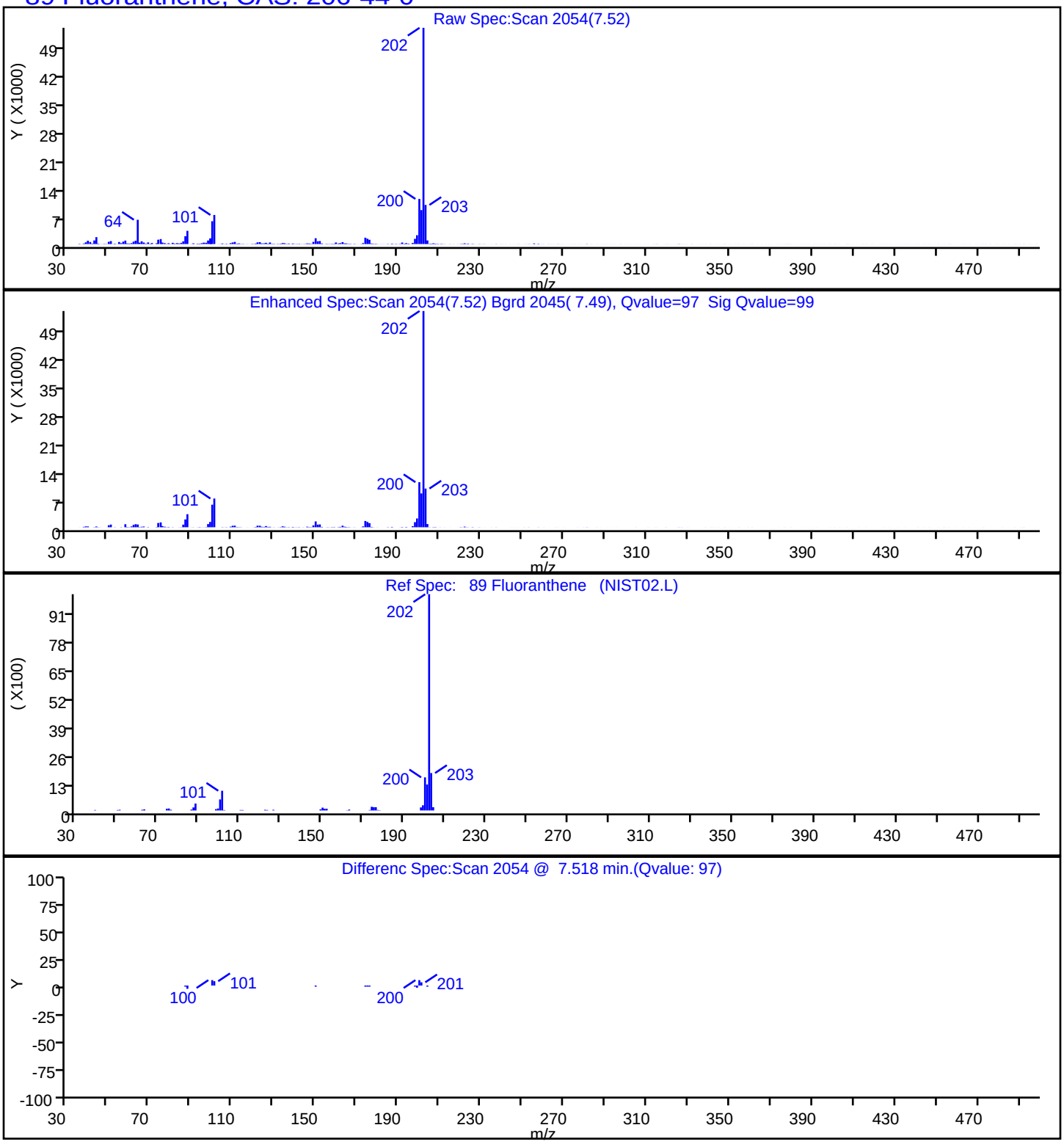
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

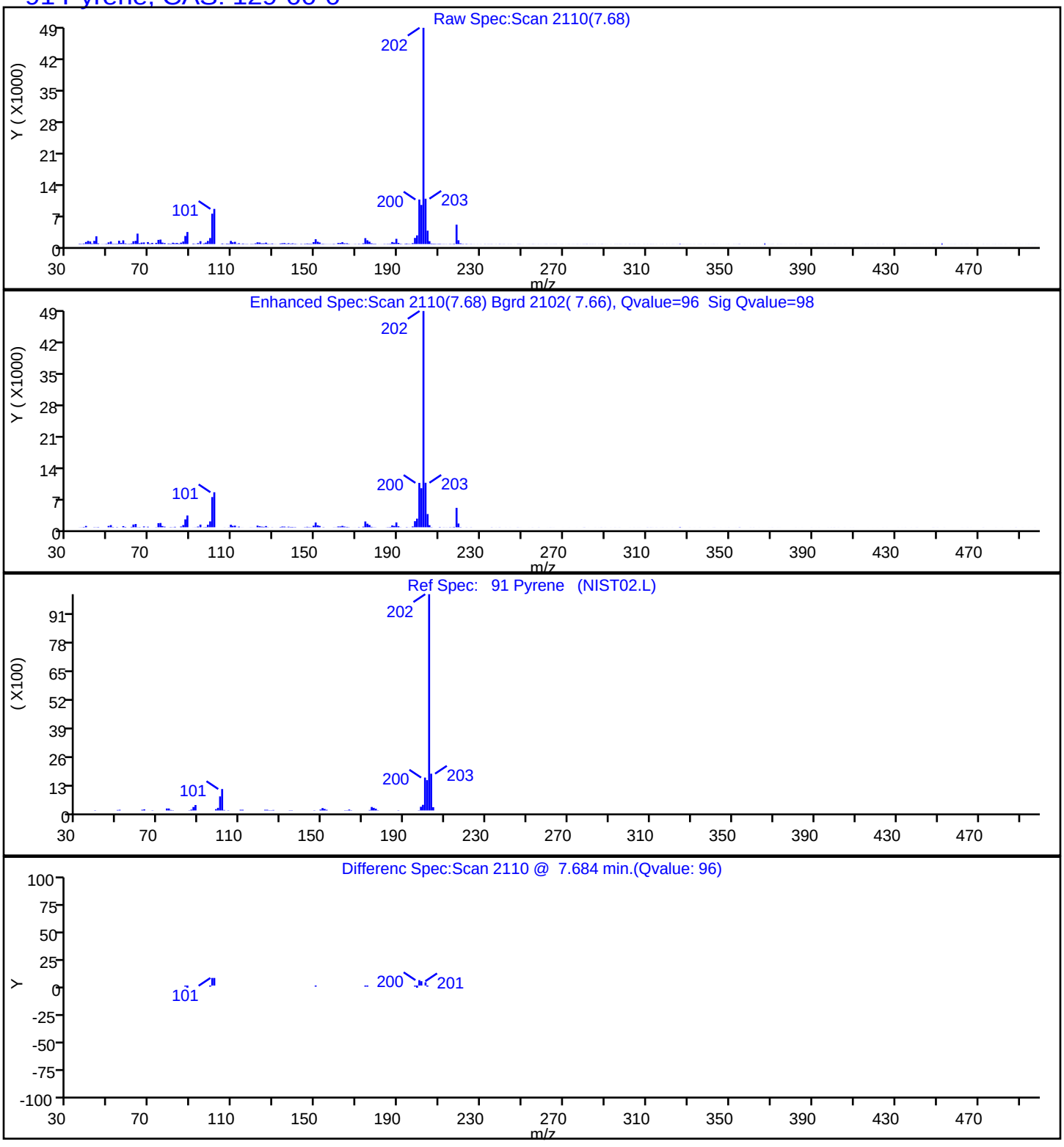
89 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
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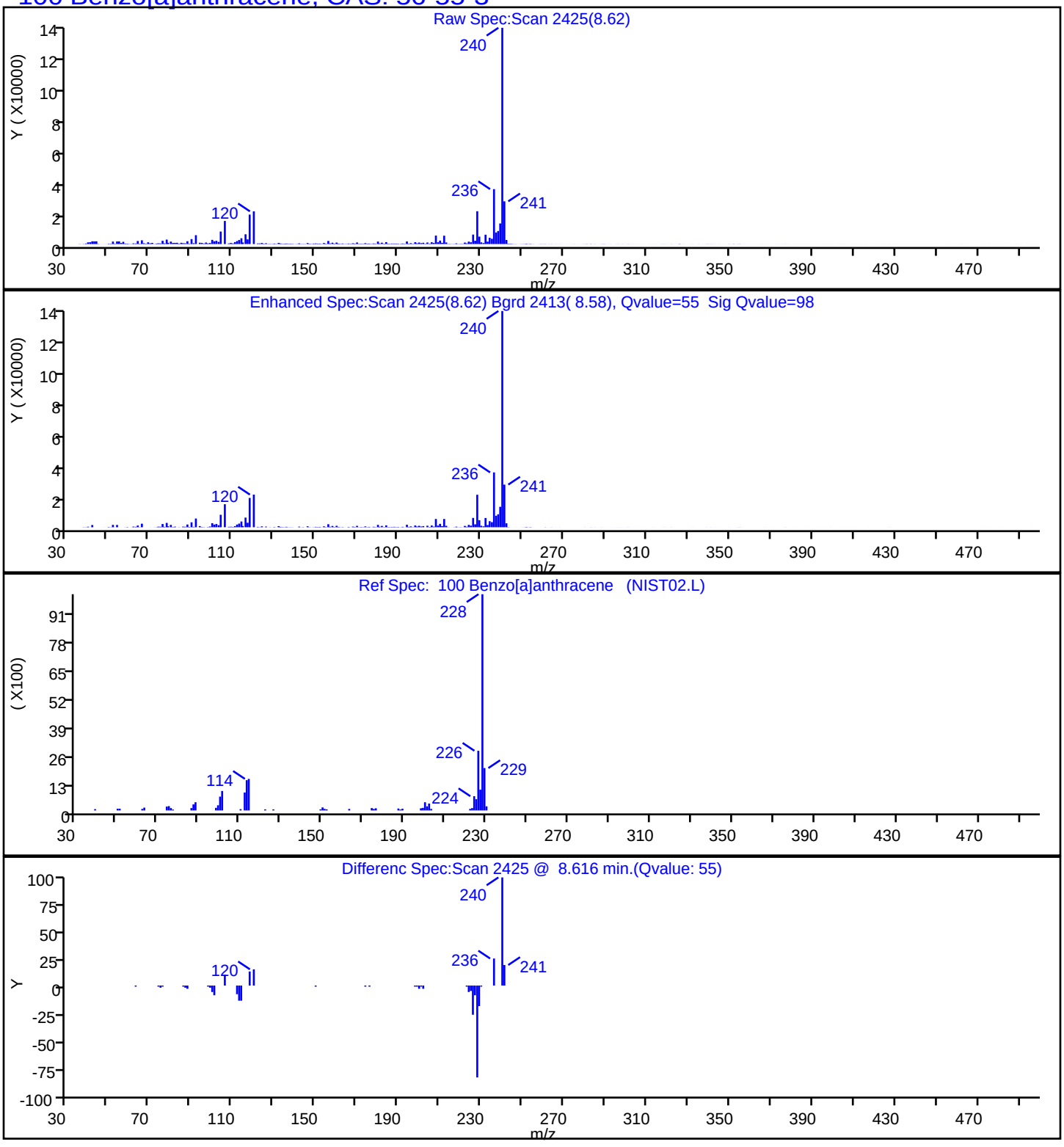
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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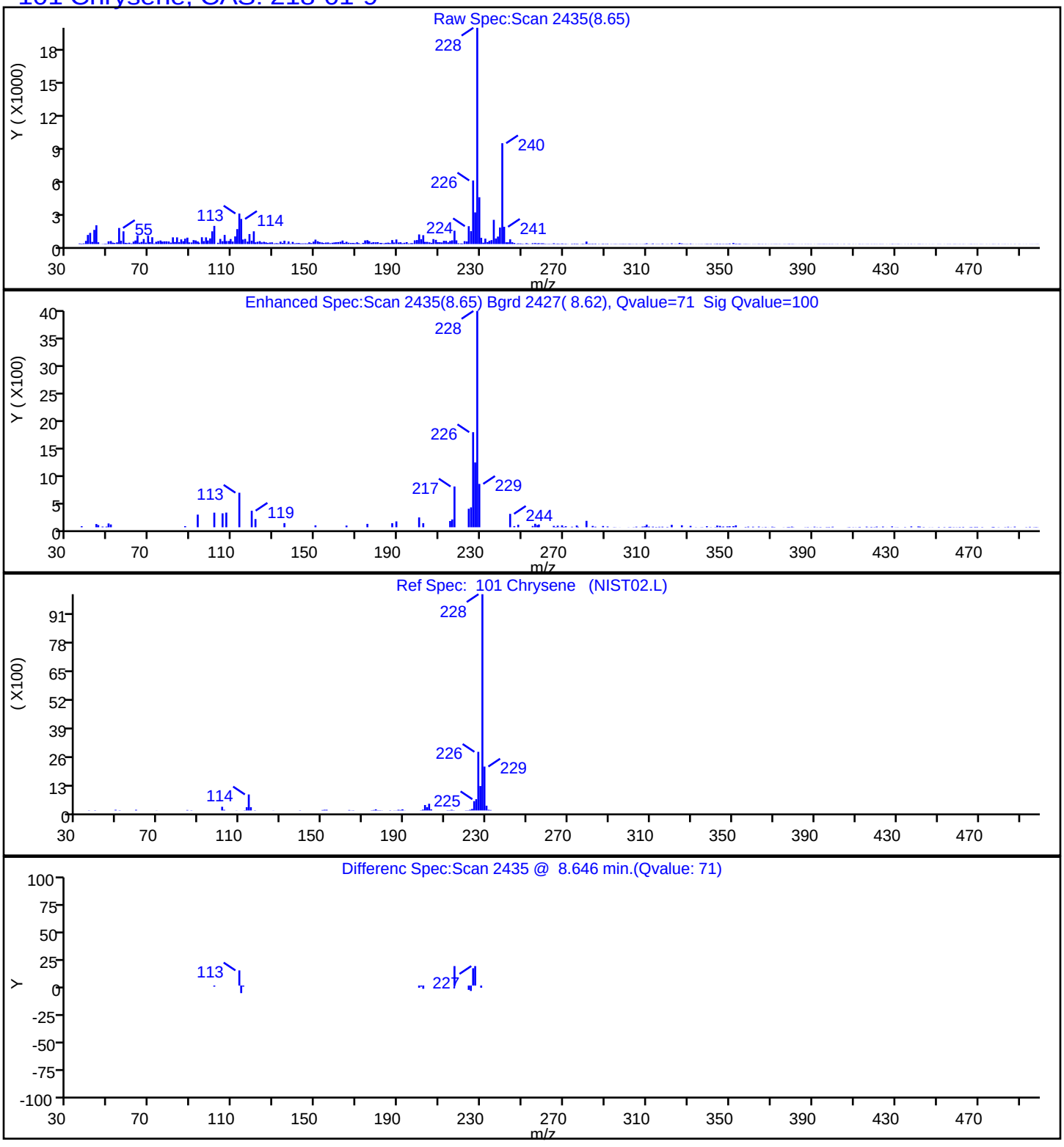
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

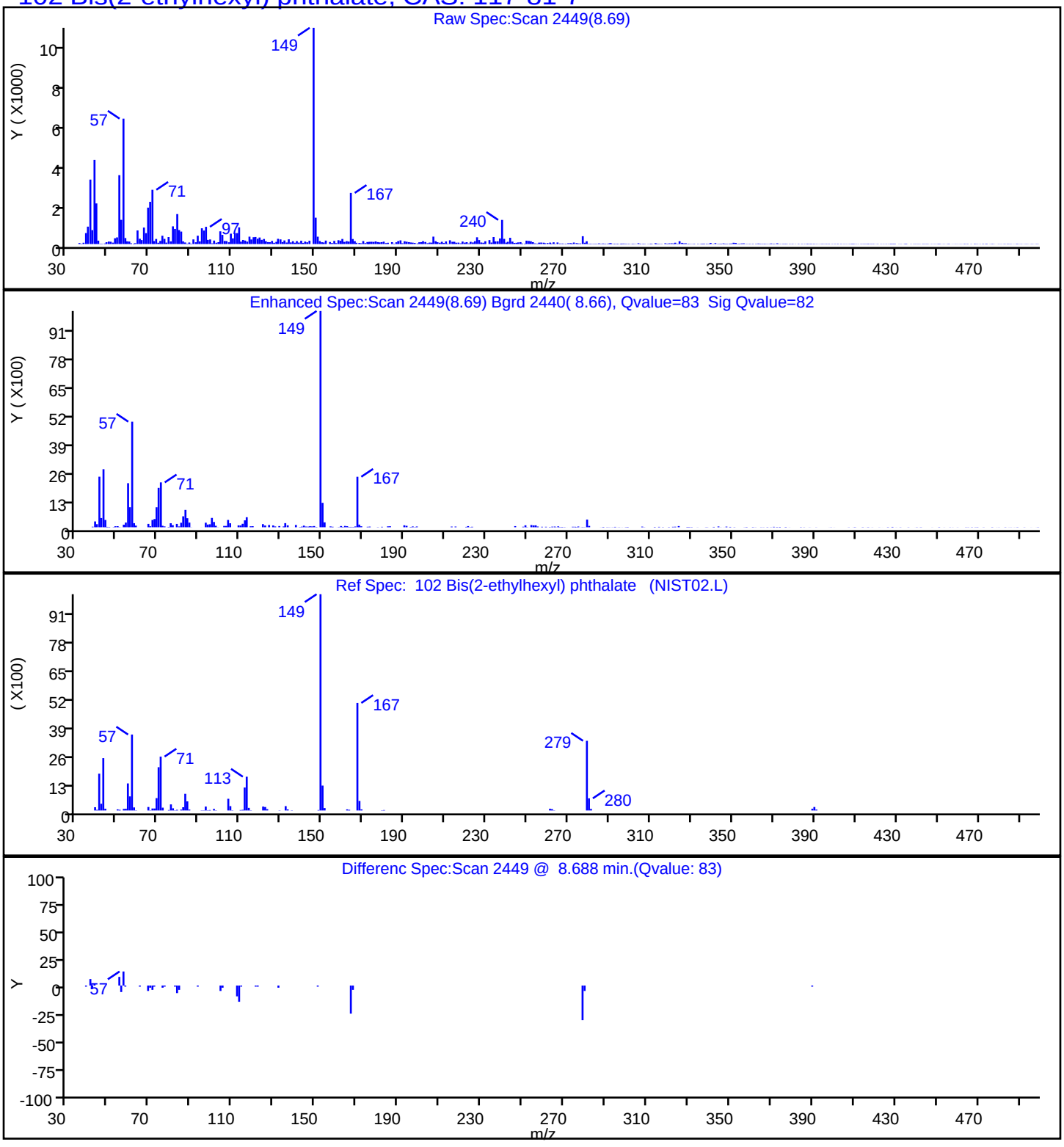
101 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

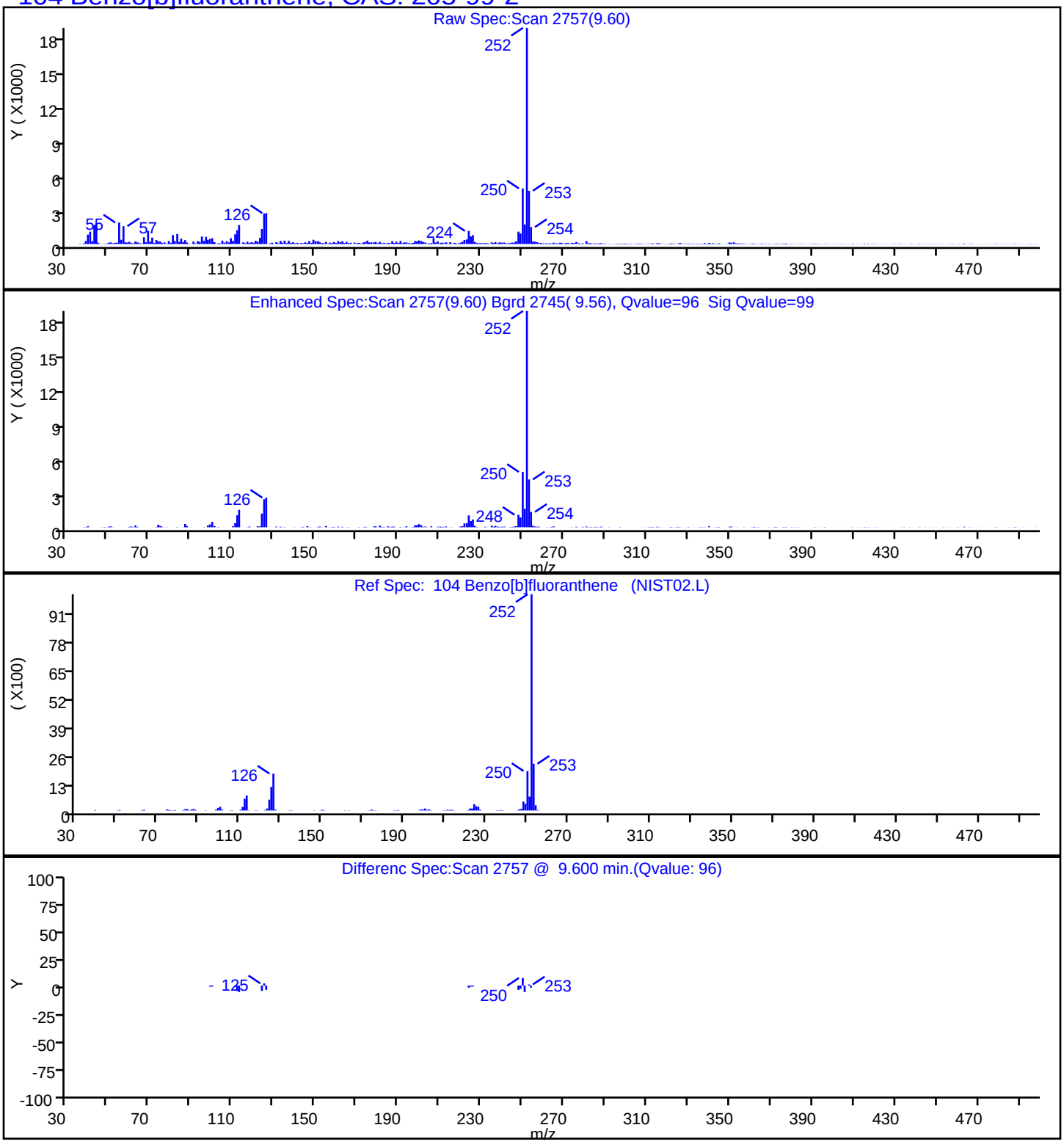
102 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

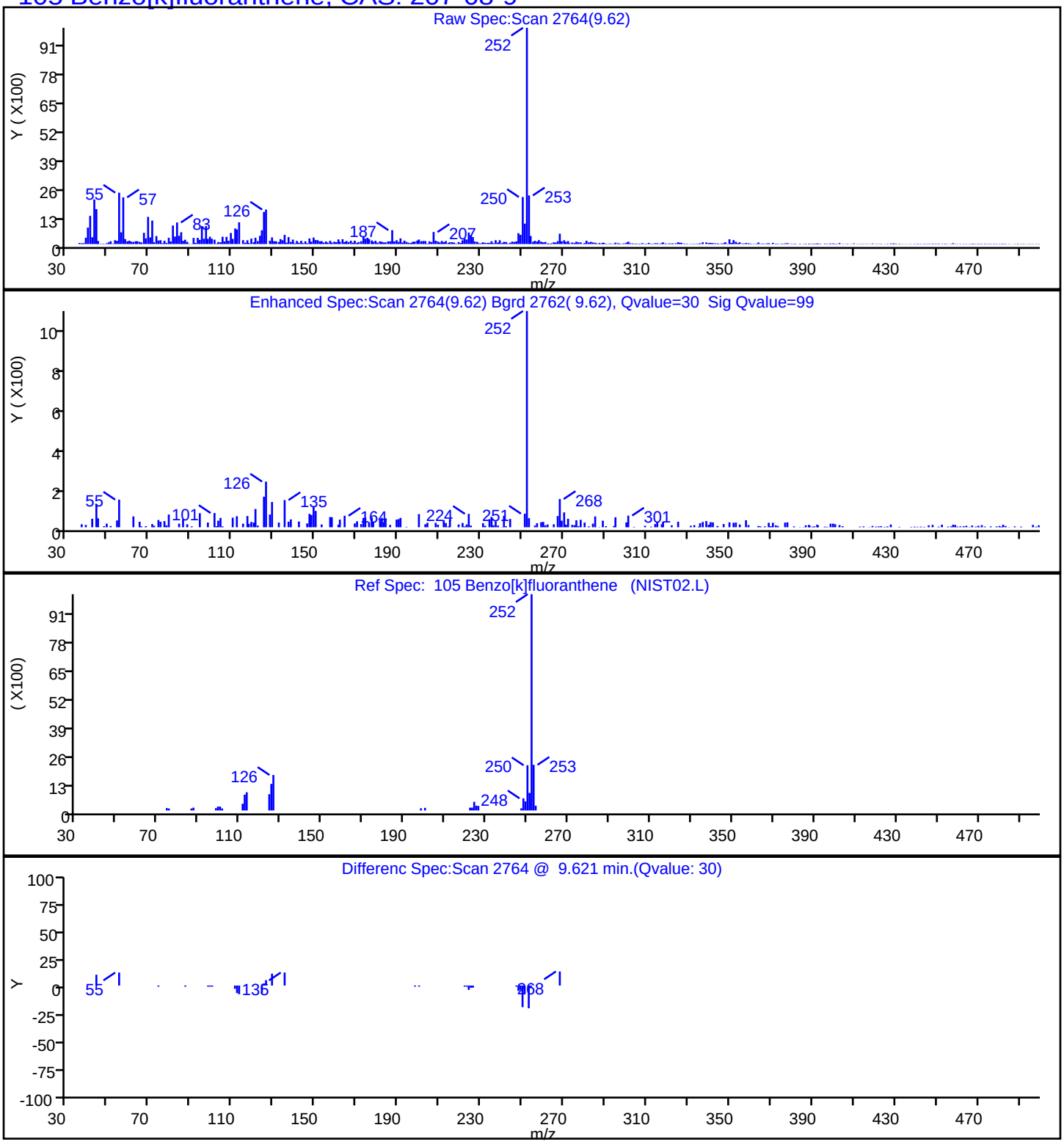
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

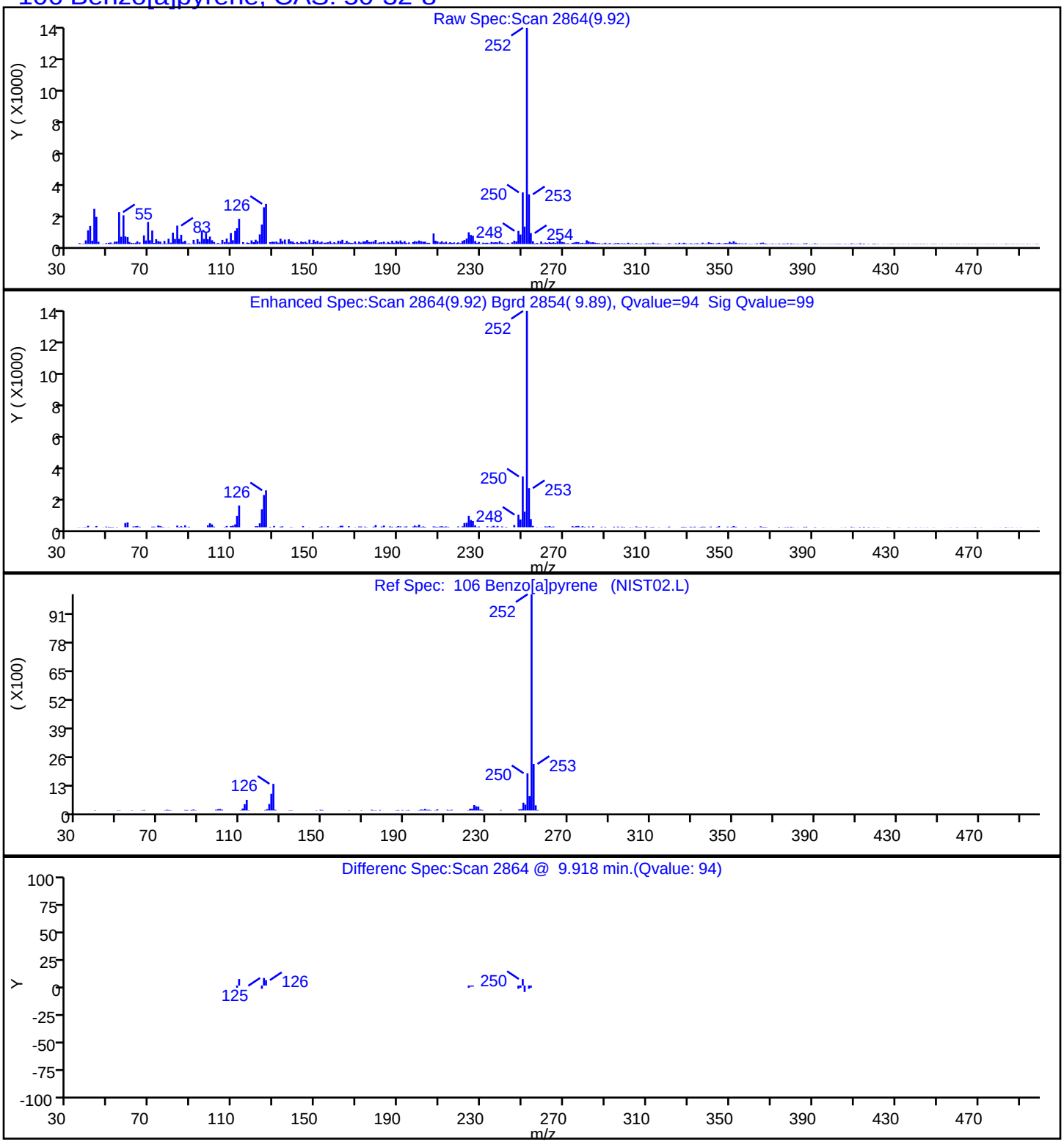
105 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

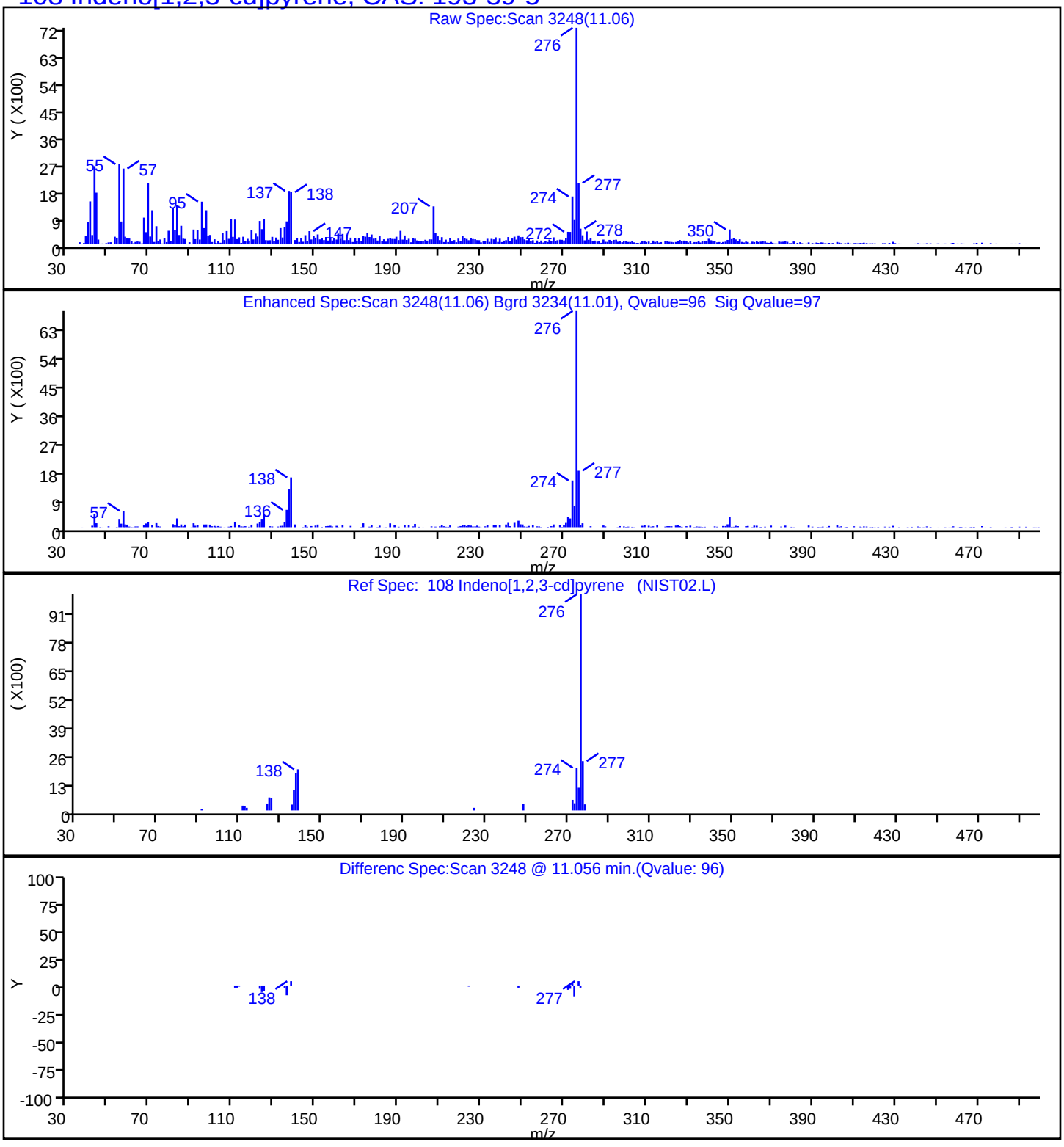
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

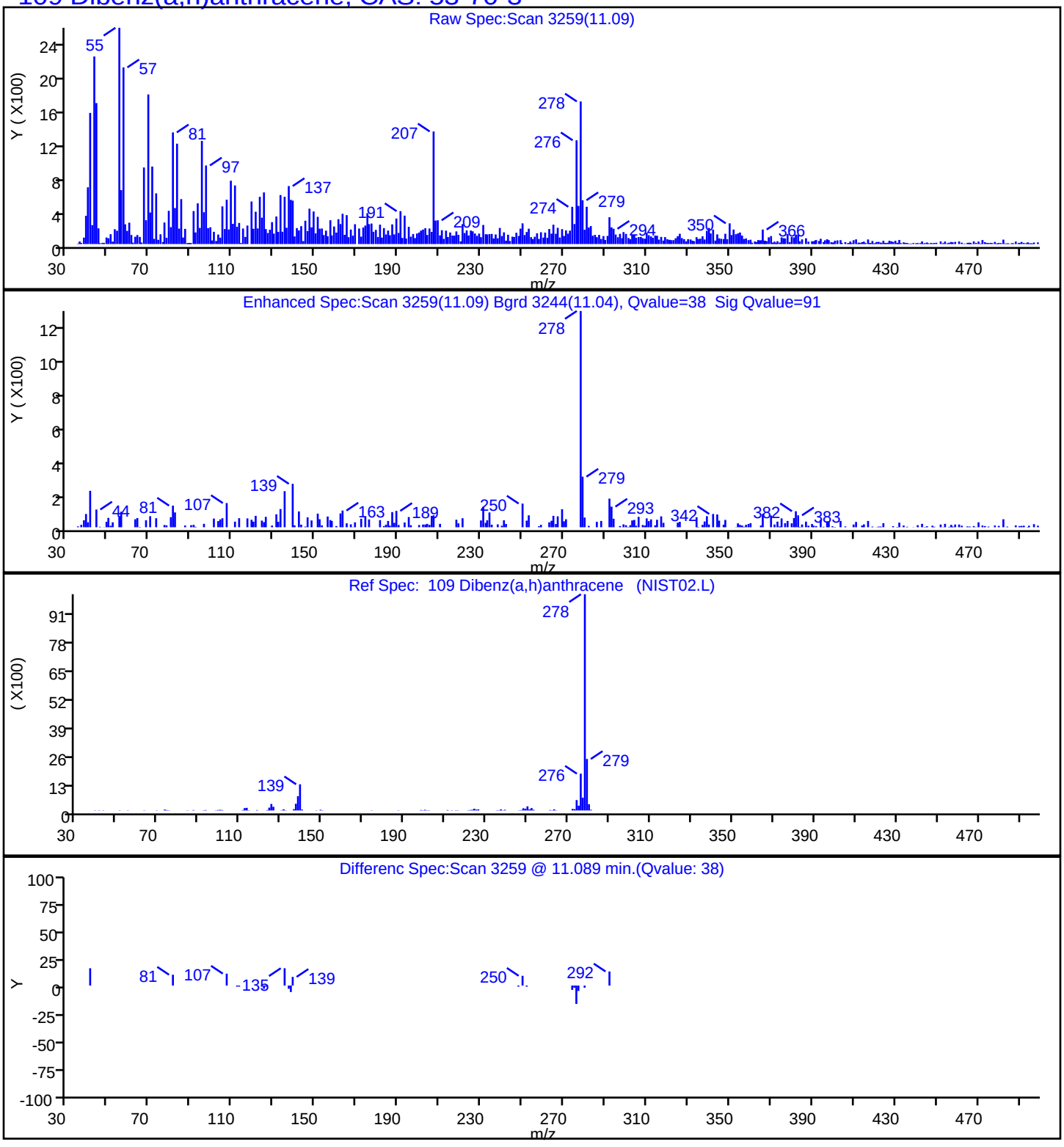
108 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

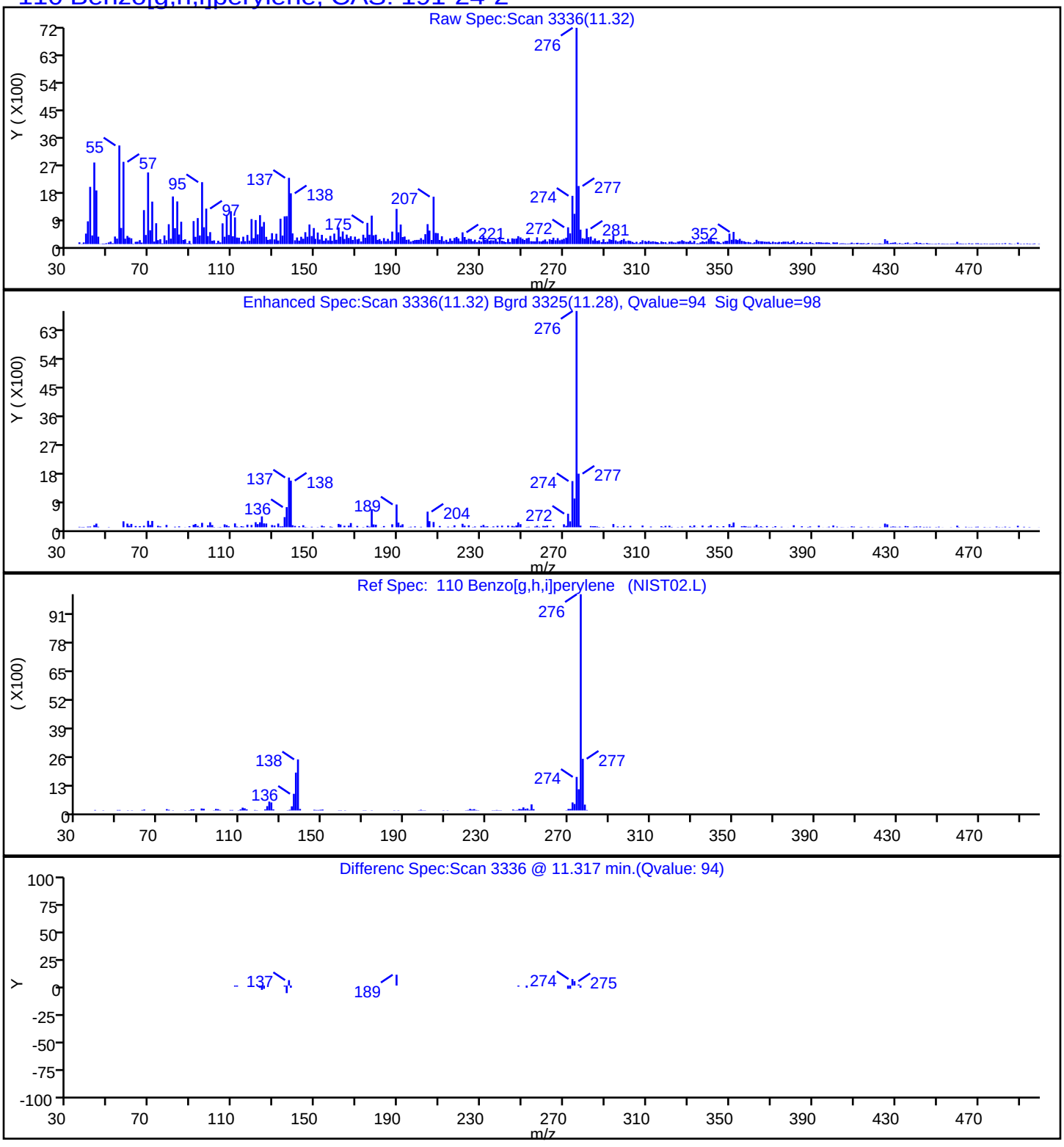
109 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2



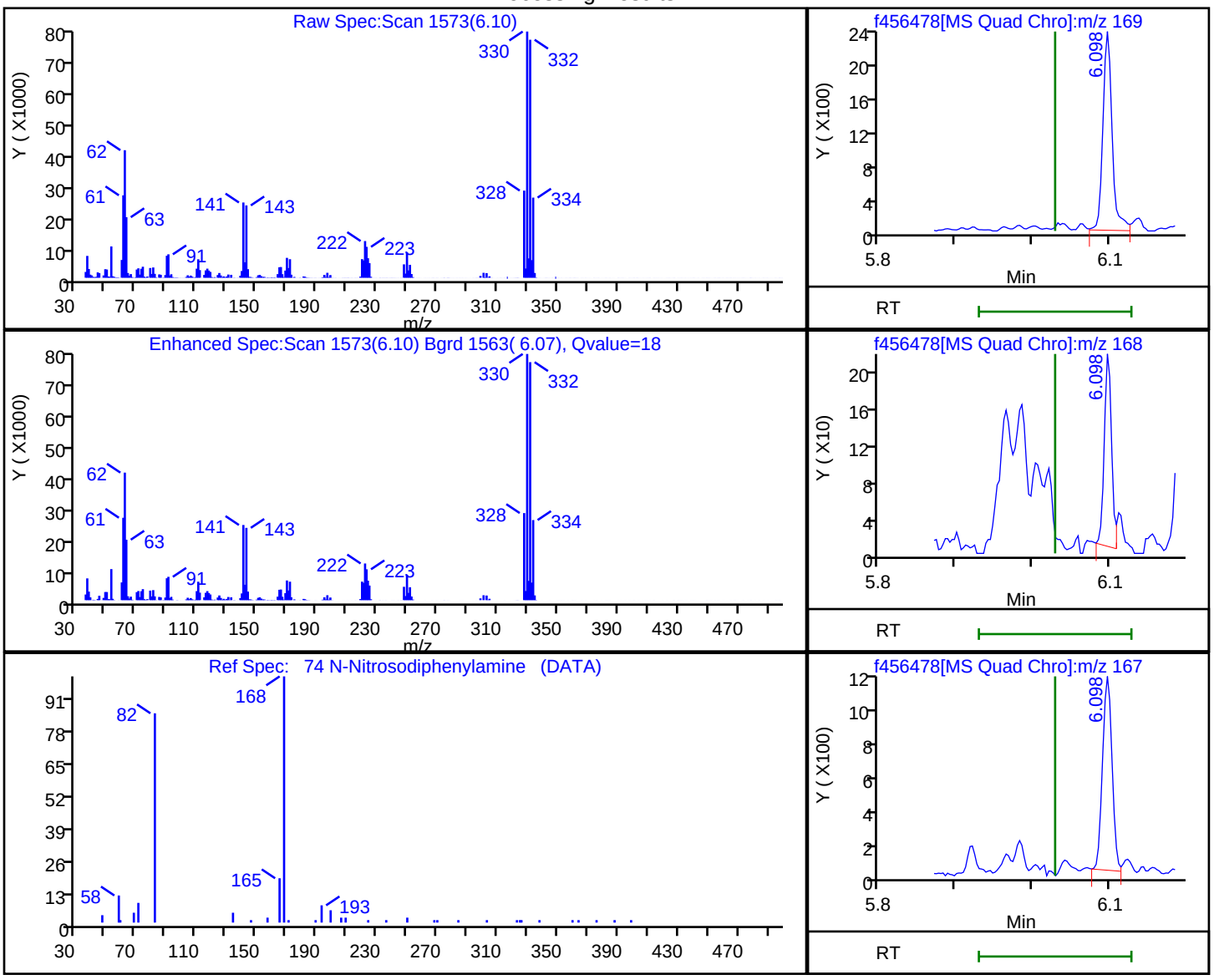
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results



RT	Mass	Response	Amount
6.10	169.00	1946	0.438077
6.10	168.00	140	
6.10	167.00	964	

Reviewer: eisam, 02-Nov-2021 17:30:49

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison

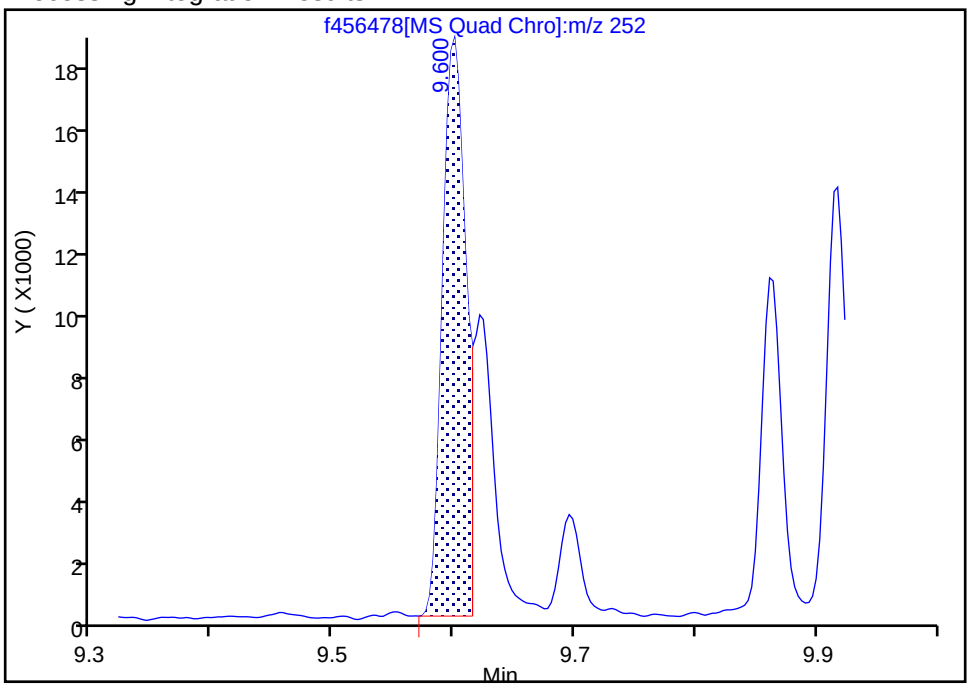
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

105 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

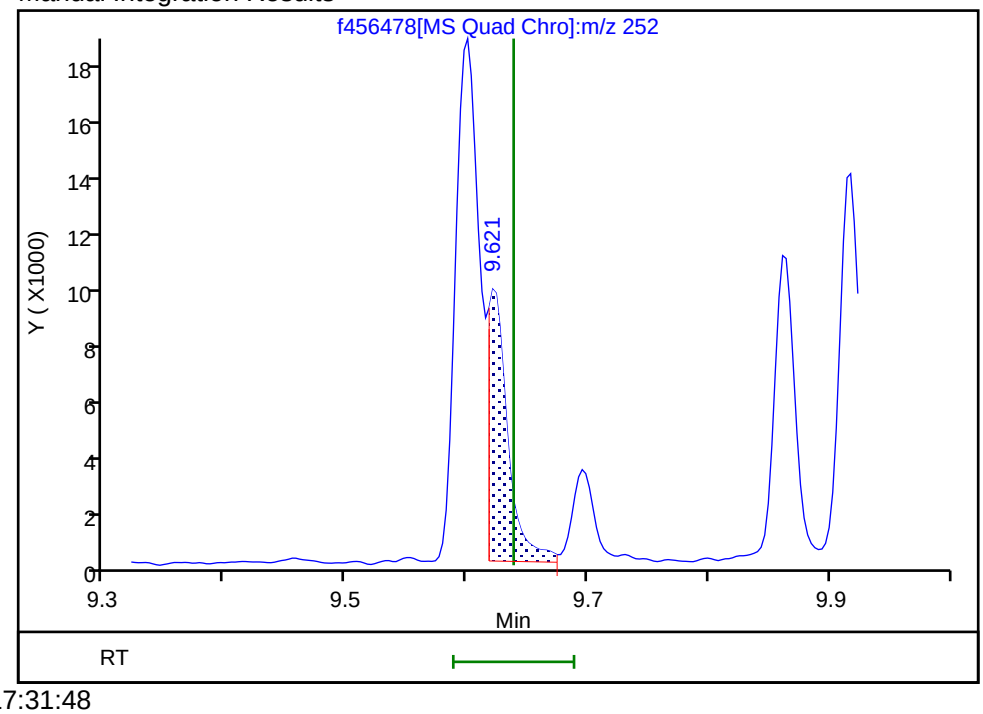
Processing Integration Results

RT: 9.60
Area: 25394
Amount: 2.565508
Amount Units: ug/ml



Manual Integration Results

RT: 9.62
Area: 10823
Amount: 1.093427
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 17:31:48
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

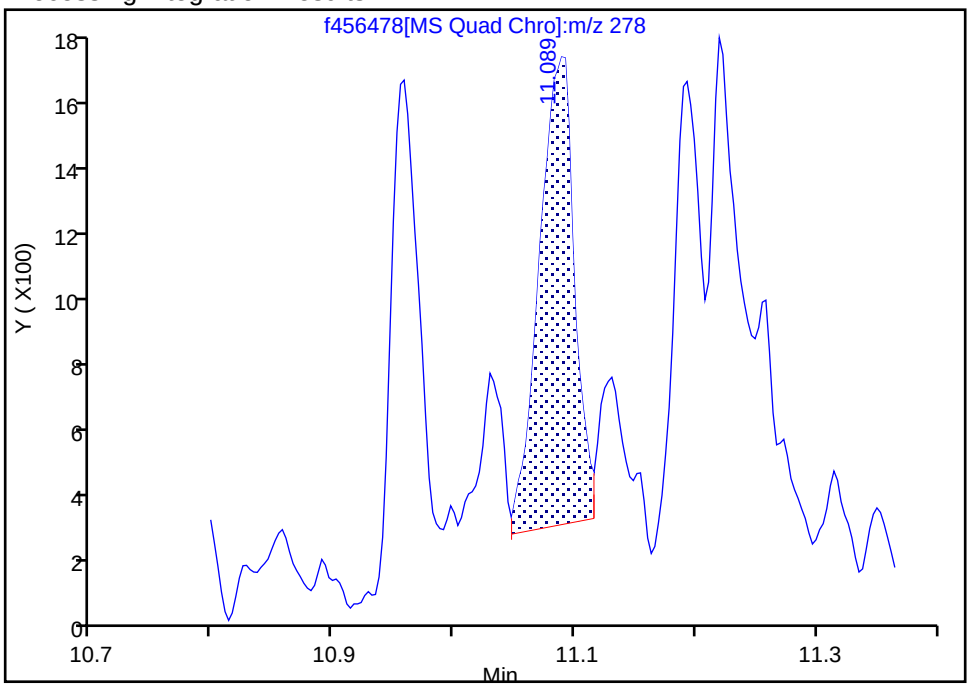
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

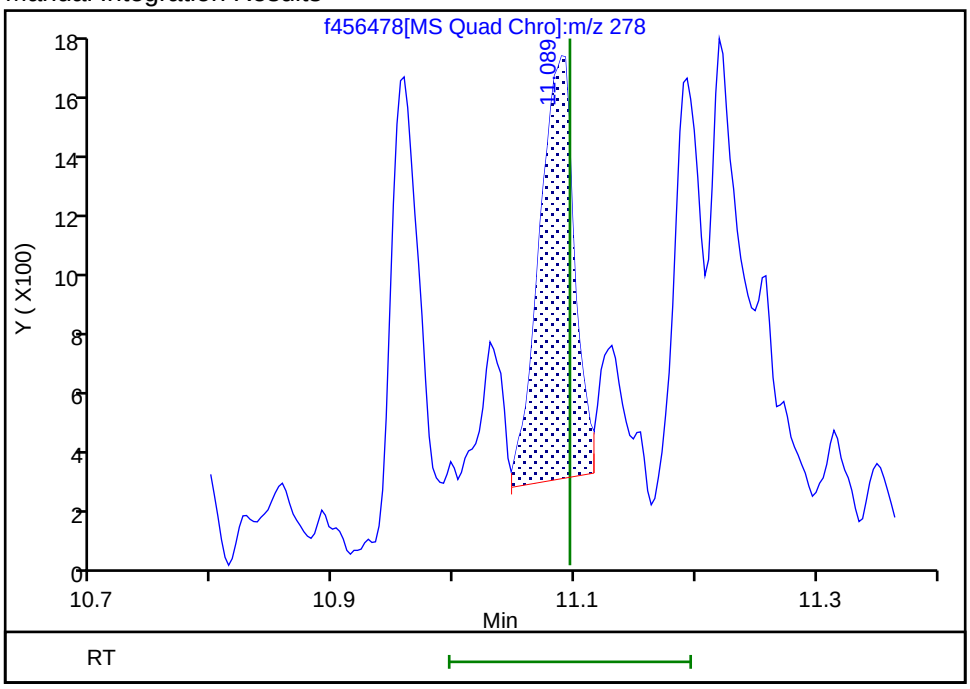
Processing Integration Results

RT: 11.09
Area: 2716
Amount: 0.335464
Amount Units: ug/ml



Manual Integration Results

RT: 11.09
Area: 2716
Amount: 0.335464
Amount Units: ug/ml



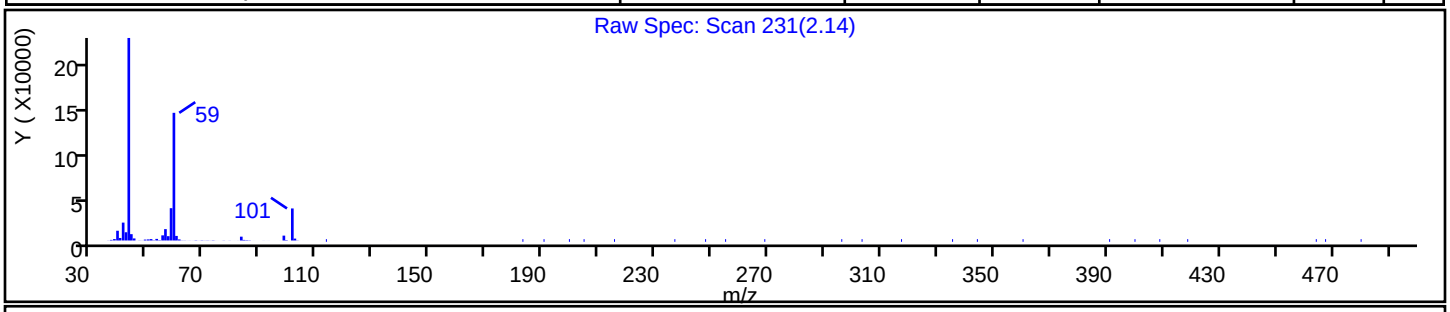
Reviewer: maheseep, 03-Nov-2021 12:54:10

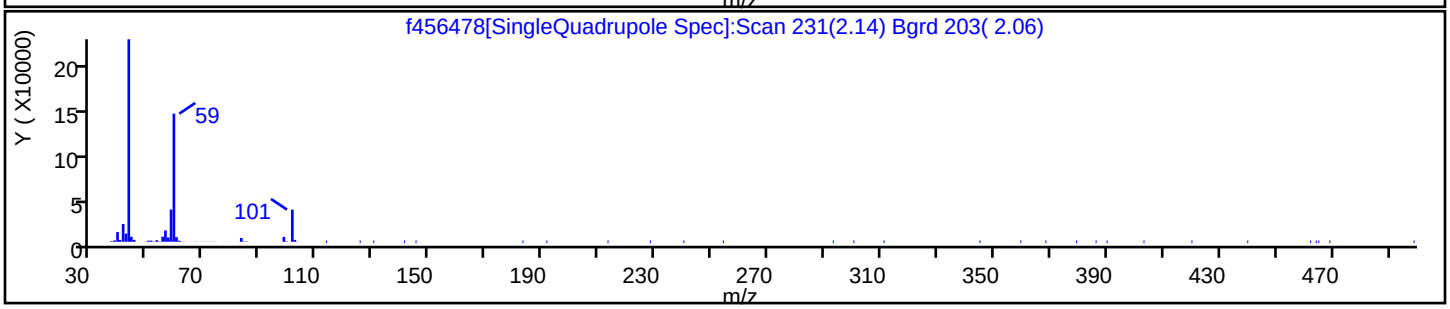
Audit Action: Assigned Compound ID Audit Reason: Wrong peak

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456478.D				
Injection Date:	02-Nov-2021 15:20:55	Instrument ID:	CBNAMS15		
Lims ID:	460-246210-F-2-C	Lab Sample ID:	460-246210-2		
Client ID:	SB-2				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS Quad		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						





FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: X37476.d

Analysis Method: 8270E Date Collected: 10/28/2021 07:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.015	U	0.42	0.015
95-57-8	2-Chlorophenol	0.015	U	0.42	0.015
95-48-7	2-Methylphenol	0.016	U	0.42	0.016
106-44-5	4-Methylphenol	0.026	U	0.42	0.026
88-75-5	2-Nitrophenol	0.042	U	0.42	0.042
105-67-9	2,4-Dimethylphenol	0.018	U	0.42	0.018
120-83-2	2,4-Dichlorophenol	0.027	U	0.17	0.027
59-50-7	4-Chloro-3-methylphenol	0.023	U	0.42	0.023
88-06-2	2,4,6-Trichlorophenol	0.053	U	0.17	0.053
95-95-4	2,4,5-Trichlorophenol	0.042	U	0.42	0.042
121-14-2	2,4-Dinitrotoluene	0.045	U	0.084	0.045
100-02-7	4-Nitrophenol	0.068	U	0.84	0.068
534-52-1	4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17
87-86-5	Pentachlorophenol	0.085	U	0.33	0.085
111-44-4	Bis(2-chloroethyl)ether	0.014	U	0.042	0.014
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.42	0.0055
106-46-7	1,4-Dichlorobenzene	0.016	U	0.42	0.016
95-50-1	1,2-Dichlorobenzene	0.0071	U	0.42	0.0071
621-64-7	N-Nitrosodi-n-propylamine	0.030	U	0.042	0.030
67-72-1	Hexachloroethane	0.014	U	0.042	0.014
98-95-3	Nitrobenzene	0.010	U	0.042	0.010
78-59-1	Isophorone	0.12	U	0.17	0.12
120-82-1	1,2,4-Trichlorobenzene	0.011	U	0.042	0.011
91-20-3	Naphthalene	0.035	J	0.42	0.0072
87-68-3	Hexachlorobutadiene	0.0089	U	0.084	0.0089
91-57-6	2-Methylnaphthalene	0.014	J	0.42	0.012
77-47-4	Hexachlorocyclopentadiene	0.037	U	0.42	0.037
91-58-7	2-Chloronaphthalene	0.019	U	0.42	0.019
88-74-4	2-Nitroaniline	0.016	U	0.42	0.016
131-11-3	Dimethyl phthalate	0.095	U	0.42	0.095
208-96-8	Acenaphthylene	0.0091	J	0.42	0.0042
606-20-2	2,6-Dinitrotoluene	0.030	U	0.084	0.030
99-09-2	3-Nitroaniline	0.047	U	0.42	0.047
83-32-9	Acenaphthene	0.012	U	0.42	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: X37476.d

Analysis Method: 8270E Date Collected: 10/28/2021 07:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.010	J	0.42	0.0058
51-28-5	2,4-Dinitrophenol	0.20	U	0.33	0.20
84-66-2	Diethyl phthalate	0.0060	U	0.42	0.0060
7005-72-3	4-Chlorophenyl phenyl ether	0.015	U	0.42	0.015
86-73-7	Fluorene	0.0088	J	0.42	0.0056
100-01-6	4-Nitroaniline	0.048	U	0.42	0.048
86-30-6	N-Nitrosodiphenylamine	0.034	U	0.42	0.034
101-55-3	4-Bromophenyl phenyl ether	0.017	U	0.42	0.017
118-74-1	Hexachlorobenzene	0.020	U	0.042	0.020
85-01-8	Phenanthrene	0.12	J	0.42	0.0073
120-12-7	Anthracene	0.020	J	0.42	0.013
86-74-8	Carbazole	0.017	J	0.42	0.016
84-74-2	Di-n-butyl phthalate	0.016	U	0.42	0.016
206-44-0	Fluoranthene	0.22	J	0.42	0.015
129-00-0	Pyrene	0.21	J	0.42	0.010
85-68-7	Butyl benzyl phthalate	0.020	U	0.42	0.020
56-55-3	Benzo[a]anthracene	0.12		0.042	0.015
218-01-9	Chrysene	0.14	J	0.42	0.0070
117-81-7	Bis(2-ethylhexyl) phthalate	0.12	J	0.42	0.022
117-84-0	Di-n-octyl phthalate	0.022	U	0.42	0.022
205-99-2	Benzo[b]fluoranthene	0.20		0.042	0.011
207-08-9	Benzo[k]fluoranthene	0.060		0.042	0.0082
50-32-8	Benzo[a]pyrene	0.11		0.042	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.093		0.042	0.016
53-70-3	Dibenz(a,h)anthracene	0.031	J	0.042	0.018
191-24-2	Benzo[g,h,i]perylene	0.084	J	0.42	0.012
108-60-1	2,2'-oxybis[1-chloropropane]	0.0075	U	0.42	0.0075
91-94-1	3,3'-Dichlorobenzidine	0.063	U	0.17	0.063
111-91-1	Bis(2-chloroethoxy)methane	0.032	U	0.42	0.032

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: X37476.d

Analysis Method: 8270E Date Collected: 10/28/2021 07:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	64		11-104
4165-62-2	Phenol-d5	69		15-100
1718-51-0	Terphenyl-d14	78		12-126
118-79-6	2,4,6-Tribromophenol	80		10-123
367-12-4	2-Fluorophenol	74		10-105
321-60-8	2-Fluorobiphenyl	72		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: X37476.d

Analysis Method: 8270E Date Collected: 10/28/2021 07:55

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 14 TIC Result Total: 15.12

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.81	0.51	J	
	Unknown	3.06	0.51	J	
	Aldol condensation product	3.16	1.1	A J	
57-10-3	n-Hexadecanoic acid	9.32	0.63	J N	96%
	Unknown	9.88	0.69	J	
56554-35-9	9,17-Octadecadienal, (Z)-	9.99	0.60	J N	95%
	Unknown	12.14	0.72	J	
1599-67-3	1-Docosene	13.10	2.2	J N	99%
14811-95-1	1,19-Eicosadiene	13.82	1.1	J N	95%
7098-22-8	Tetratetracontane	14.11	0.57	J N	91%
506-52-5	1-Hexacosanol	14.15	2.1	J N	91%
1000128-66-9	Cholesta-6,22,24-triene, 4,4-dimethyl-	15.24	0.39	J N	95%
1000214-20-7	Stigmasterol, 22,23-dihydro-	15.67	2.7	J N	96%
1058-61-3	Stigmast-4-en-3-one	16.73	1.3	J N	95%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d
Lims ID: 460-246210-F-3-C
Client ID: HA-1
Sample Type: Client
Inject. Date: 01-Nov-2021 18:36:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-024
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 01-Nov-2021 23:51:42

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.298	3.287	0.011	92	84629	36.9	
$ 6 Phenol-d5	99	4.181	4.169	0.012	96	96626	34.6	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	67453	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	91	83012	32.2	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	254356	40.0	
39 Naphthalene	128	5.745	5.751	-0.006	44	2671	0.4116	
44 2-Methylnaphthalene	142	6.404	6.404	0.000	55	760	0.1699	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	97	192255	35.9	
61 Acenaphthylene	152	7.251	7.251	0.000	66	743	0.1086	
* 65 Acenaphthene-d10	164	7.386	7.387	-0.001	98	145662	40.0	
71 Dibenzofuran	168	7.575	7.581	-0.006	62	710	0.1191	
75 Fluorene	166	7.898	7.904	-0.006	58	495	0.1050	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	88	46418	40.0	
* 88 Phenanthrene-d10	188	8.780	8.781	-0.001	98	272874	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	67	10476	1.48	
90 Anthracene	178	8.851	8.851	0.000	52	1728	0.2388	
91 Carbazole	167	8.998	9.004	-0.006	62	1331	0.2011	
93 Fluoranthene	202	9.927	9.928	-0.001	98	20385	2.57	
95 Pyrene	202	10.139	10.139	0.000	95	18081	2.51	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	250405	39.2	
101 Benzo[a]anthracene	228	11.404	11.410	-0.006	53	10598	1.45	
* 102 Chrysene-d12	240	11.421	11.422	-0.001	99	233753	40.0	
103 Chrysene	228	11.445	11.433	-0.006	79	11108	1.62	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	58	6469	1.44	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	71	16675	2.38	M
107 Benzo[k]fluoranthene	252	12.821	12.839	-0.018	1	5157	0.7158	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	96	8632	1.29	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	245673	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.933	-0.012	98	7739	1.11	
111 Dibenz(a,h)anthracene	278	14.962	14.974	-0.012	4	2682	0.3708	
112 Benzo[g,h,i]perylene	276	15.368	15.386	-0.018	89	7573	1.01	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d
Lims ID: 460-246210-F-3-C
Client ID: HA-1
Sample Type: Client
Inject. Date: 01-Nov-2021 18:36:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-024
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 01-Nov-2021 23:51:42

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
1.810	62412	6.13	14	0	0		0	
		Unknown						
3.063	62413	6.13	14					
		Aldol condensation product						
3.157	129229	12.7	14	0	0		0	
	57-10-3	n-Hexadecanoic acid						
9.316	140286	7.45	88	96	92227	C16H32O2	256	
		Unknown						
9.875	153765	8.17	88					
	56554-35-9	9,17-Octadecadienal, (Z)-						
9.986	135143	7.18	88	95	96962	C18H32O	264	
		Unknown						
12.139	159557	8.57	102	0	0		0	
	1599-67-3	1-Docosene						
13.104	421105	25.9	109	99	121980	C22H44	308	
	14811-95-1	1,19-Eicosadiene						
13.821	219261	13.5	109	95	105306	C20H38	278	
	7098-22-8	Tetratetracontane						
14.110	109608	6.74	109	91	172957	C44H90	619	
	506-52-5	1-Hexacosanol						
14.151	405504	24.9	109	91	152037	C26H54O	382	
	1000128-66-9	Cholesta-6,22,24-triene, 4,4-dimethyl-						
15.239	74916	4.61	109	95	155187	C29H46	394	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
1000214-20-7 Stigmasterol, 22,23-dihydro-								
15.674	519615	32.0	109	96	159291	C29H50O	414	
1058-61-3 Stigmast-4-en-3-one								
16.727	242930	14.9	109	95	158845	C29H48O	412	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	407123	40.0
* 88 Phenanthrene-d10	8.780	752924	40.0
* 102 Chrysene-d12	11.416	744414	40.0
* 109 Perylene-d12	13.339	650437	40.0

QC Flag Legend

Processing Flags

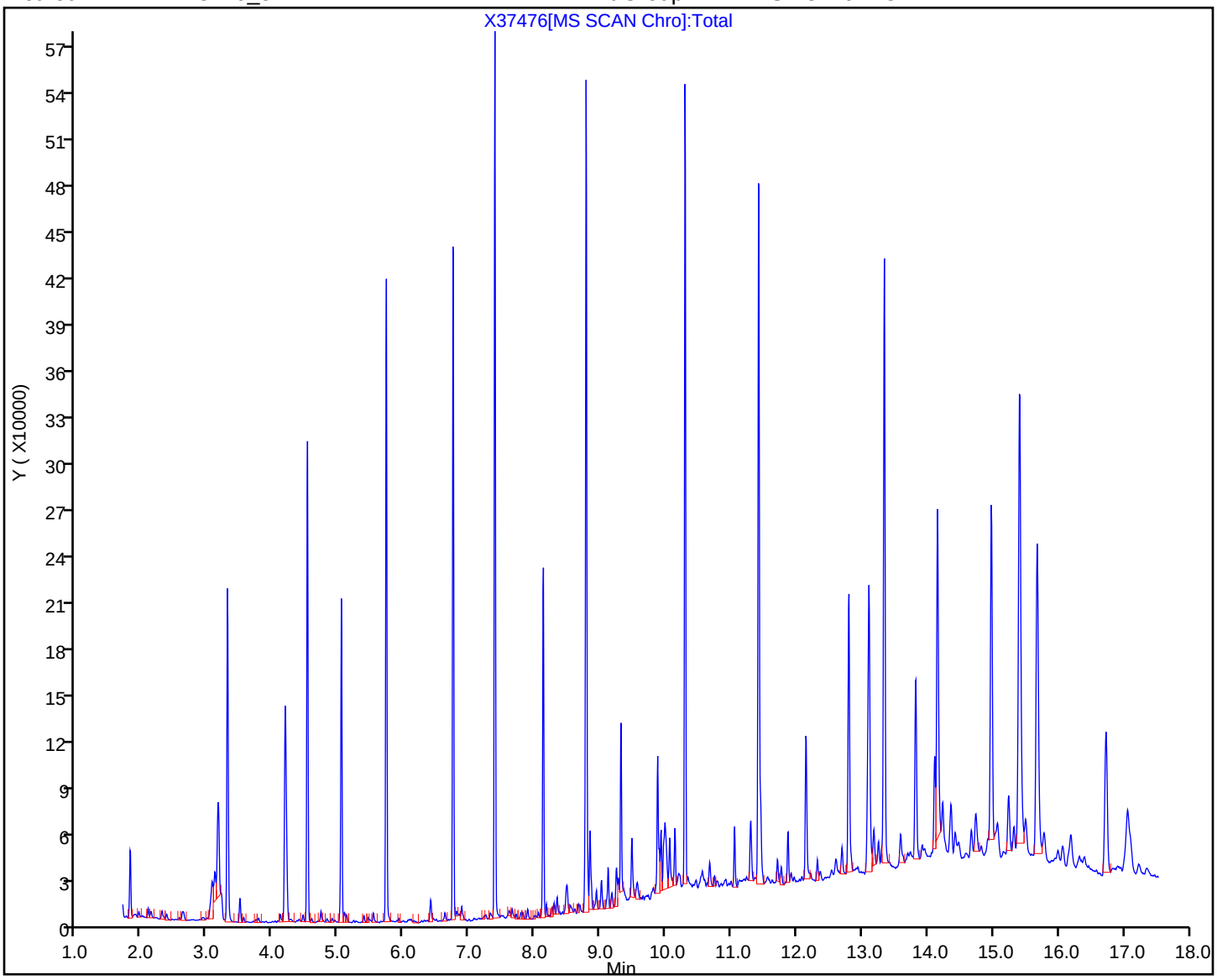
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:30:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

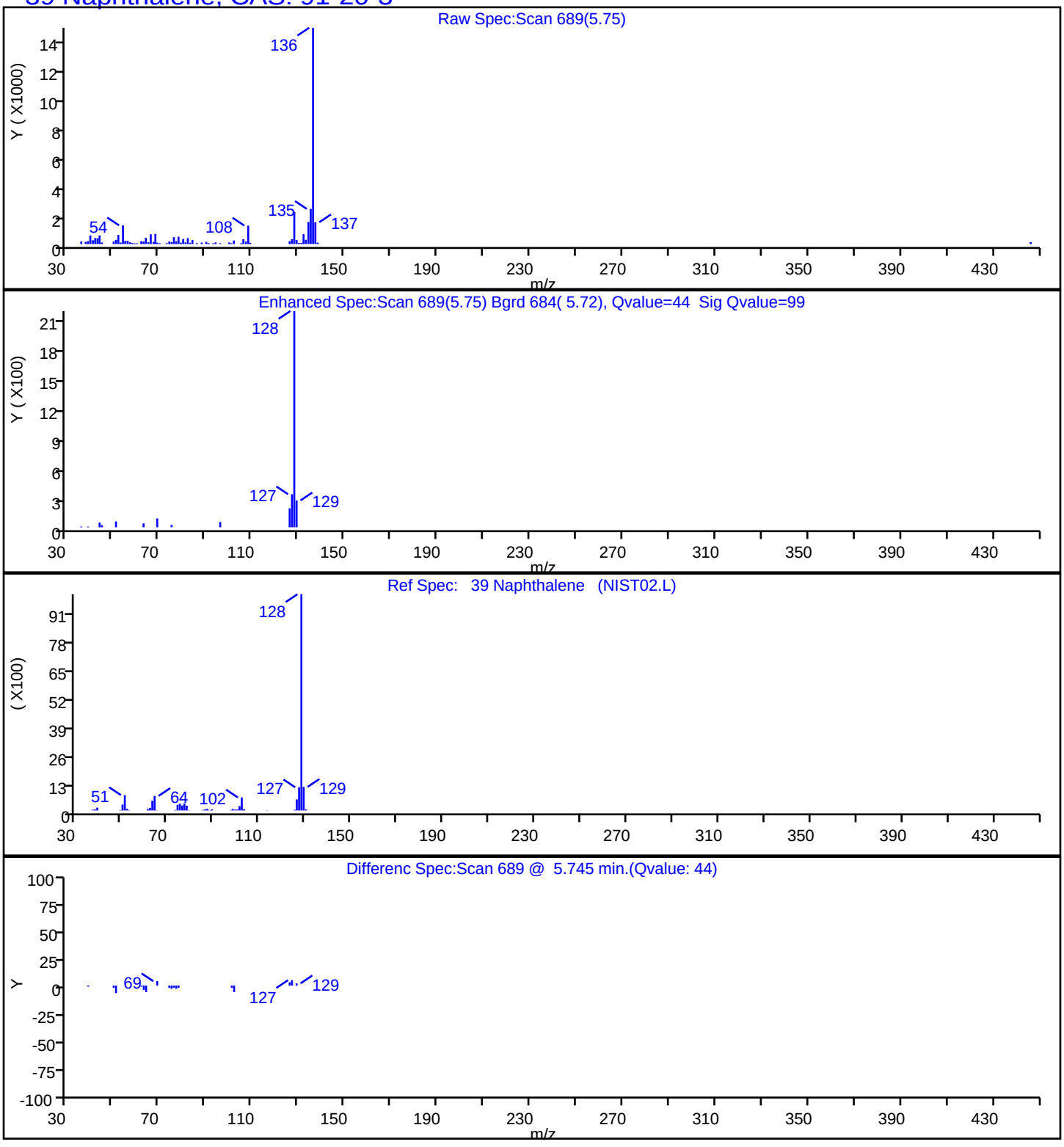
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

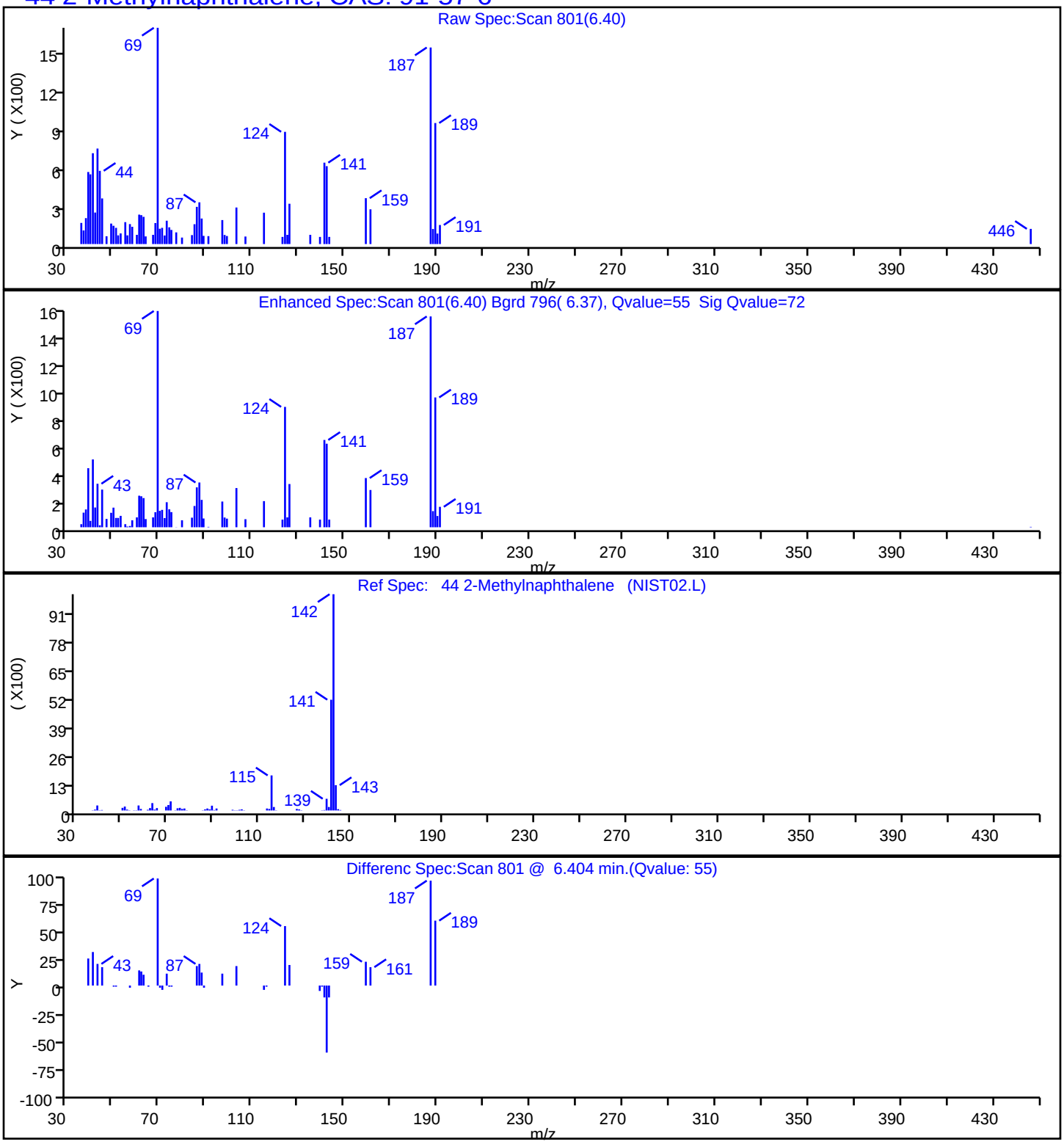
39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

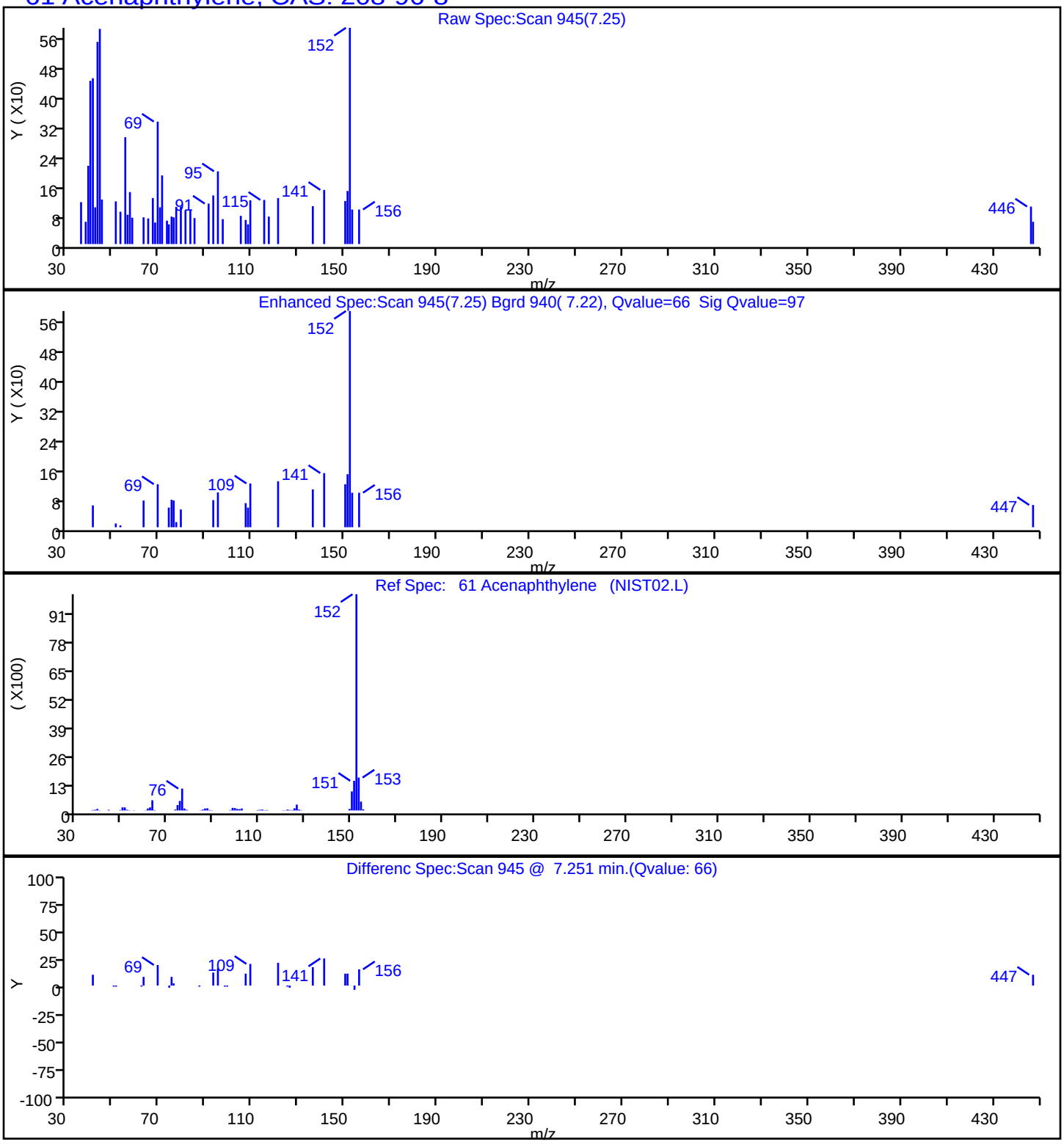
44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

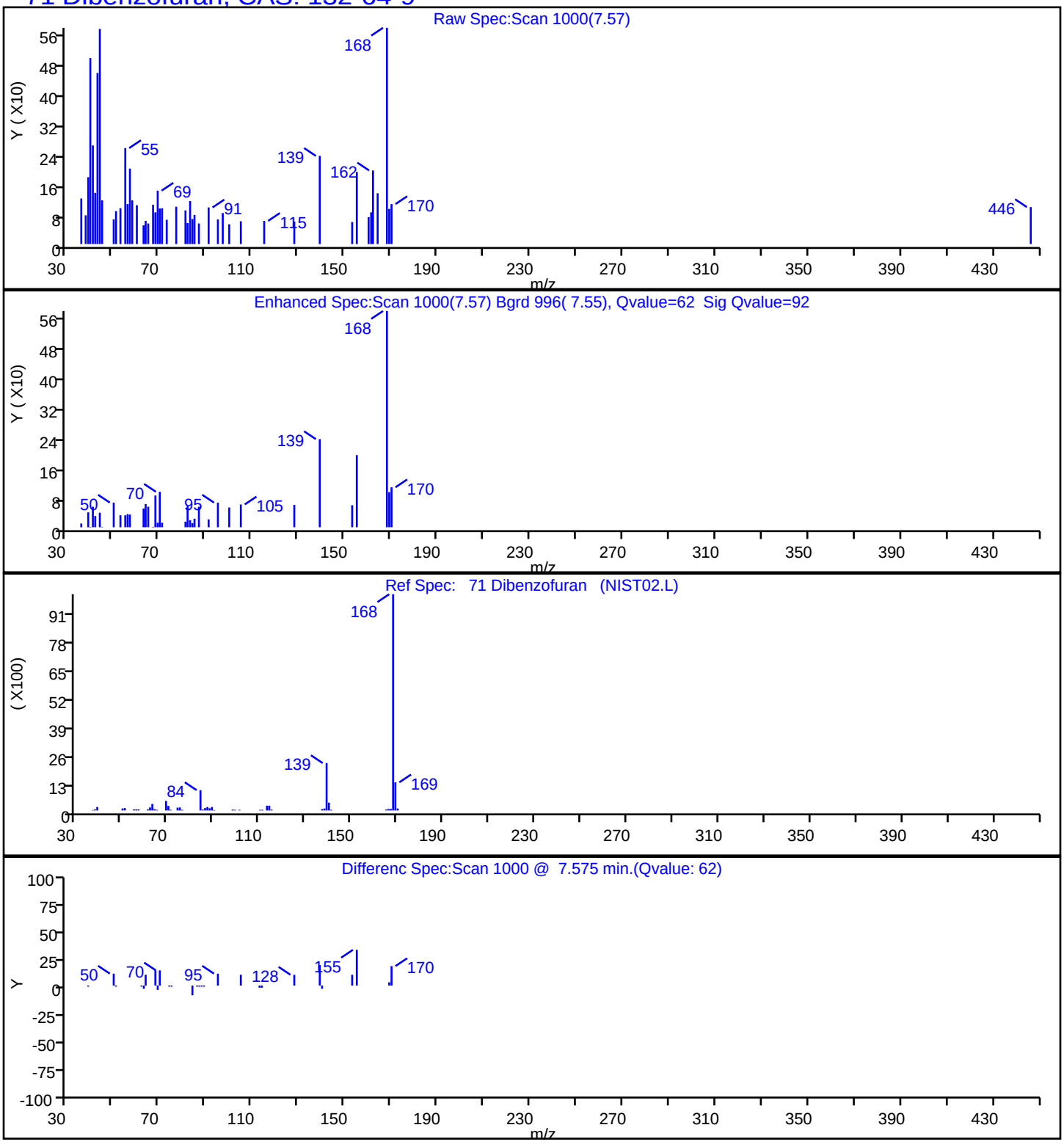
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
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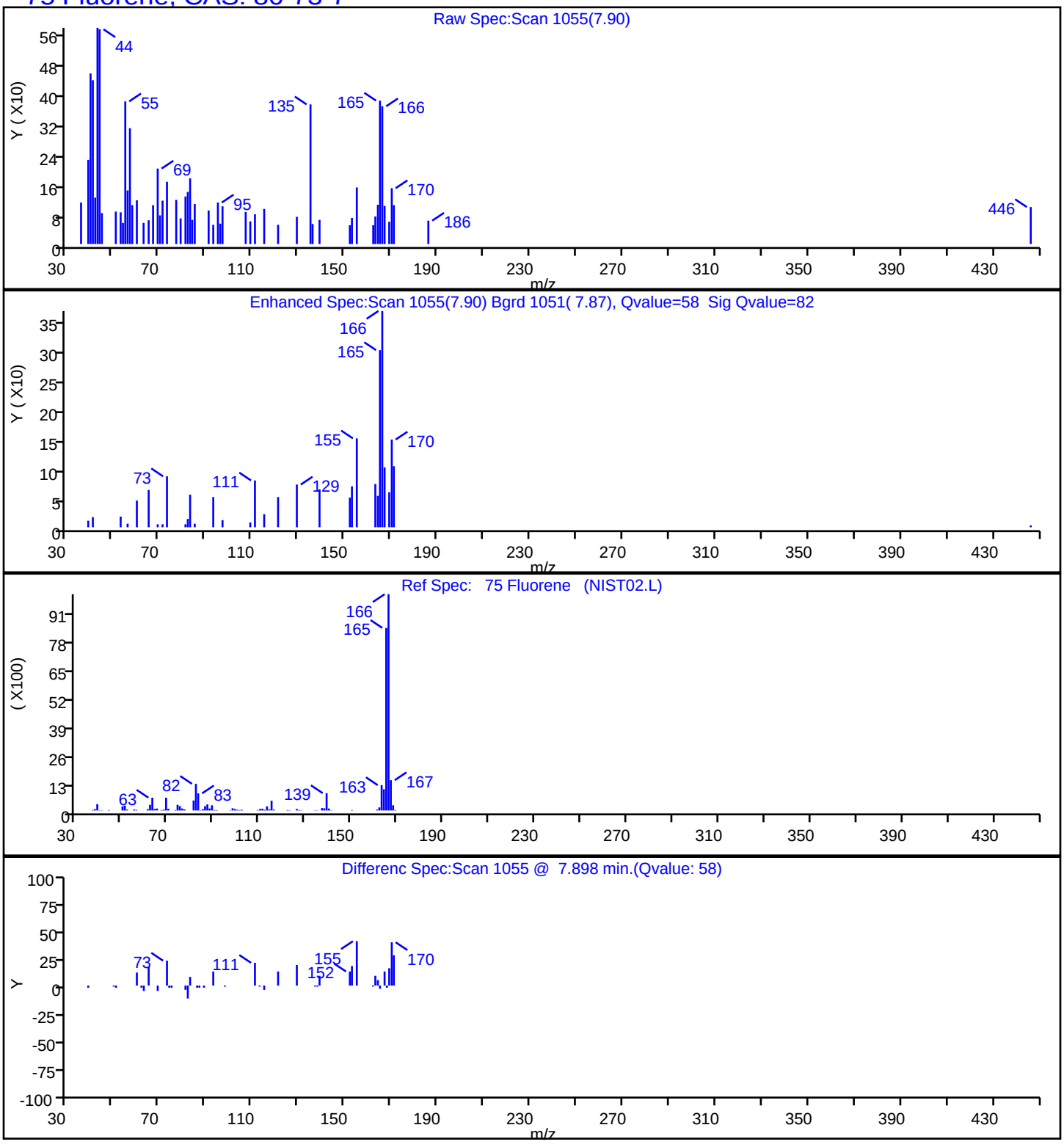
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

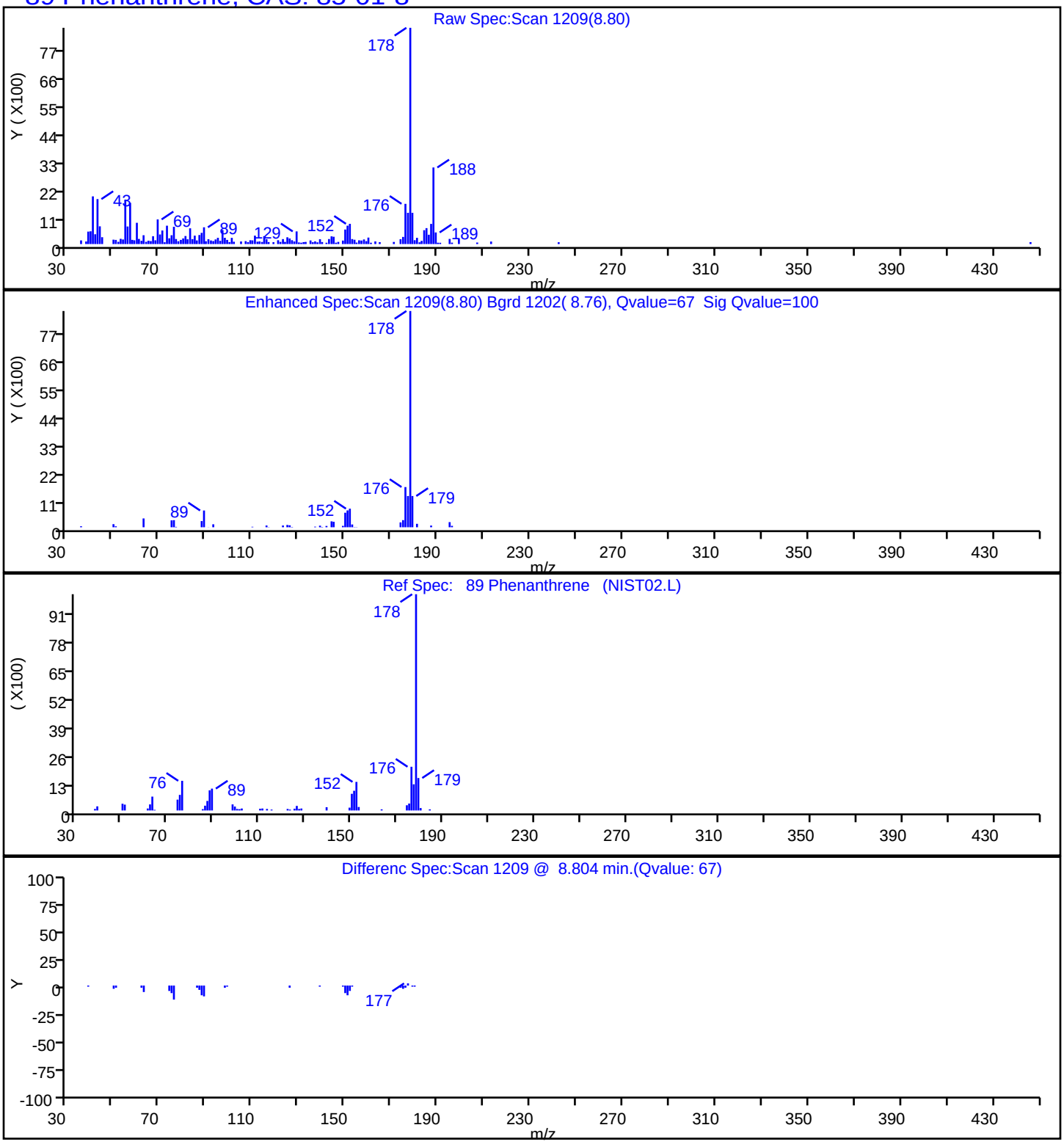
75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

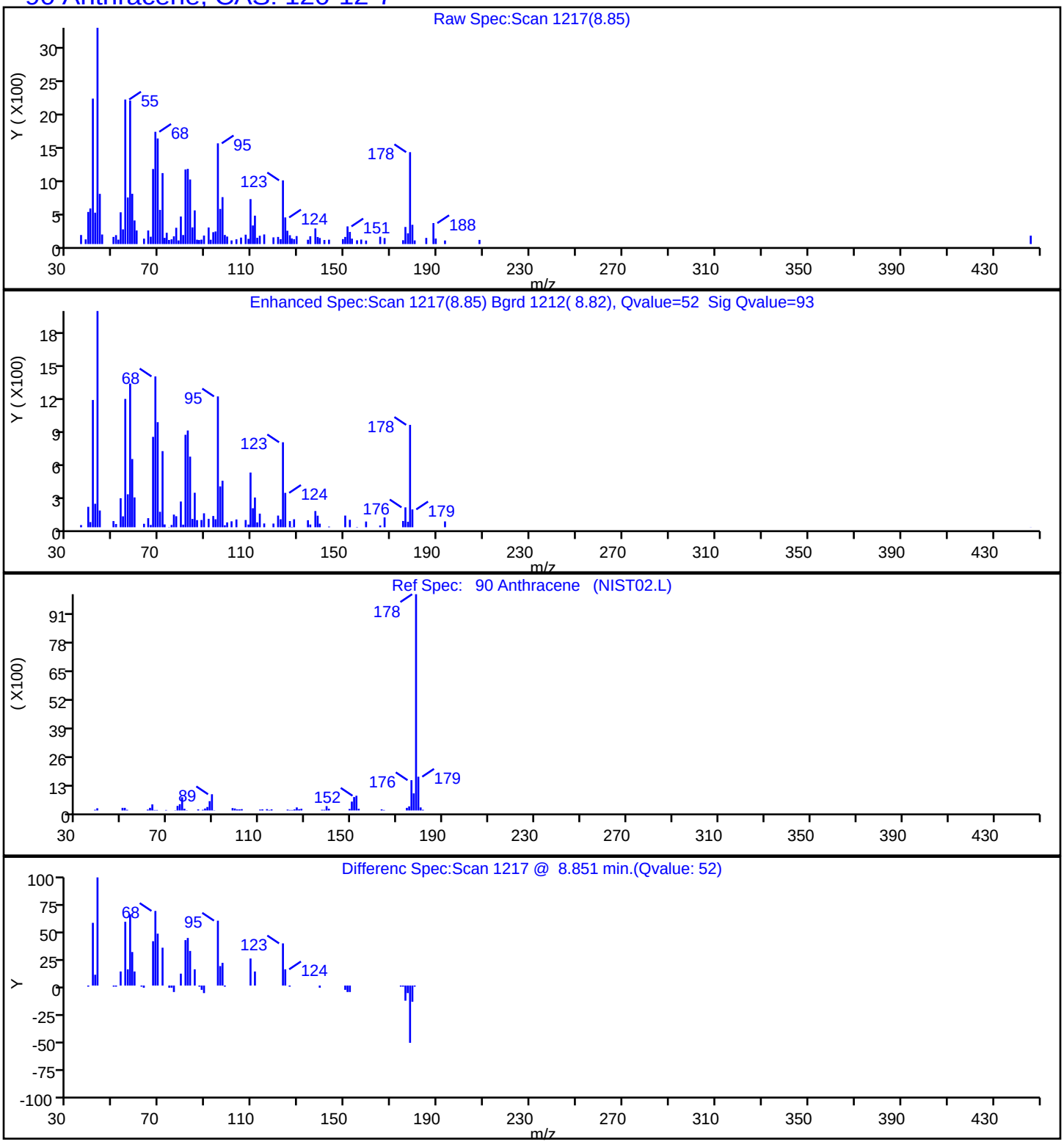
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
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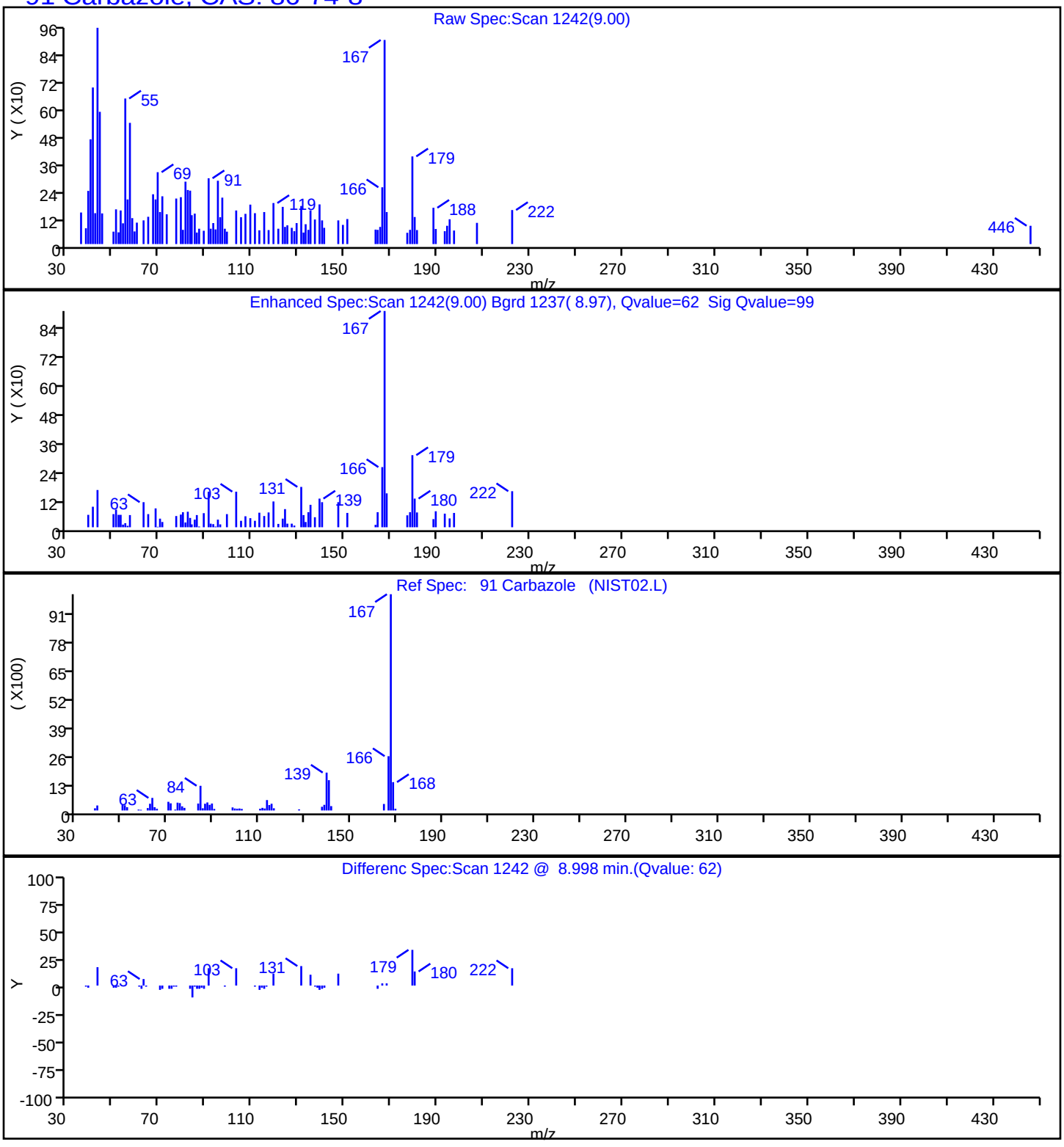
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

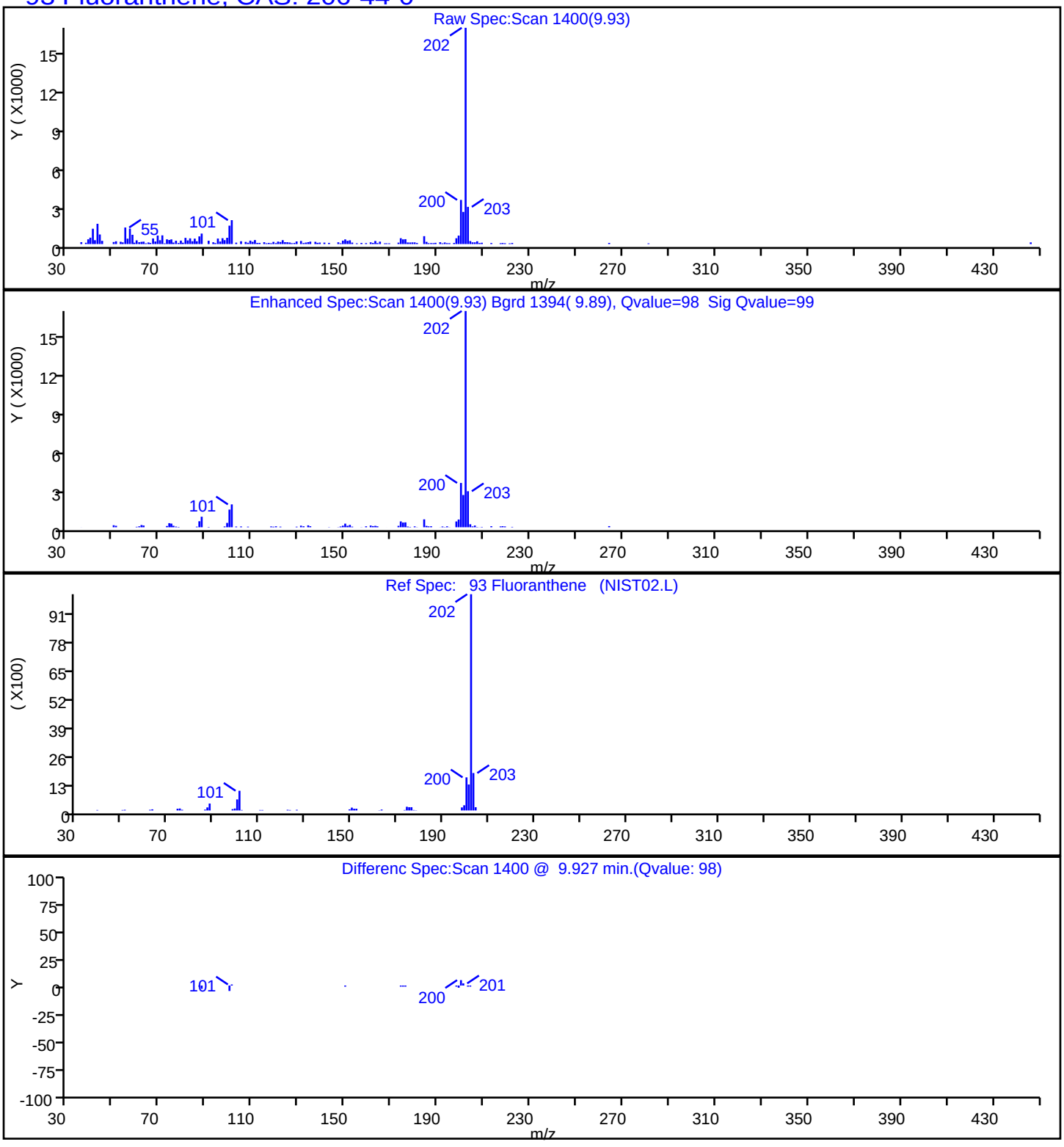
91 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
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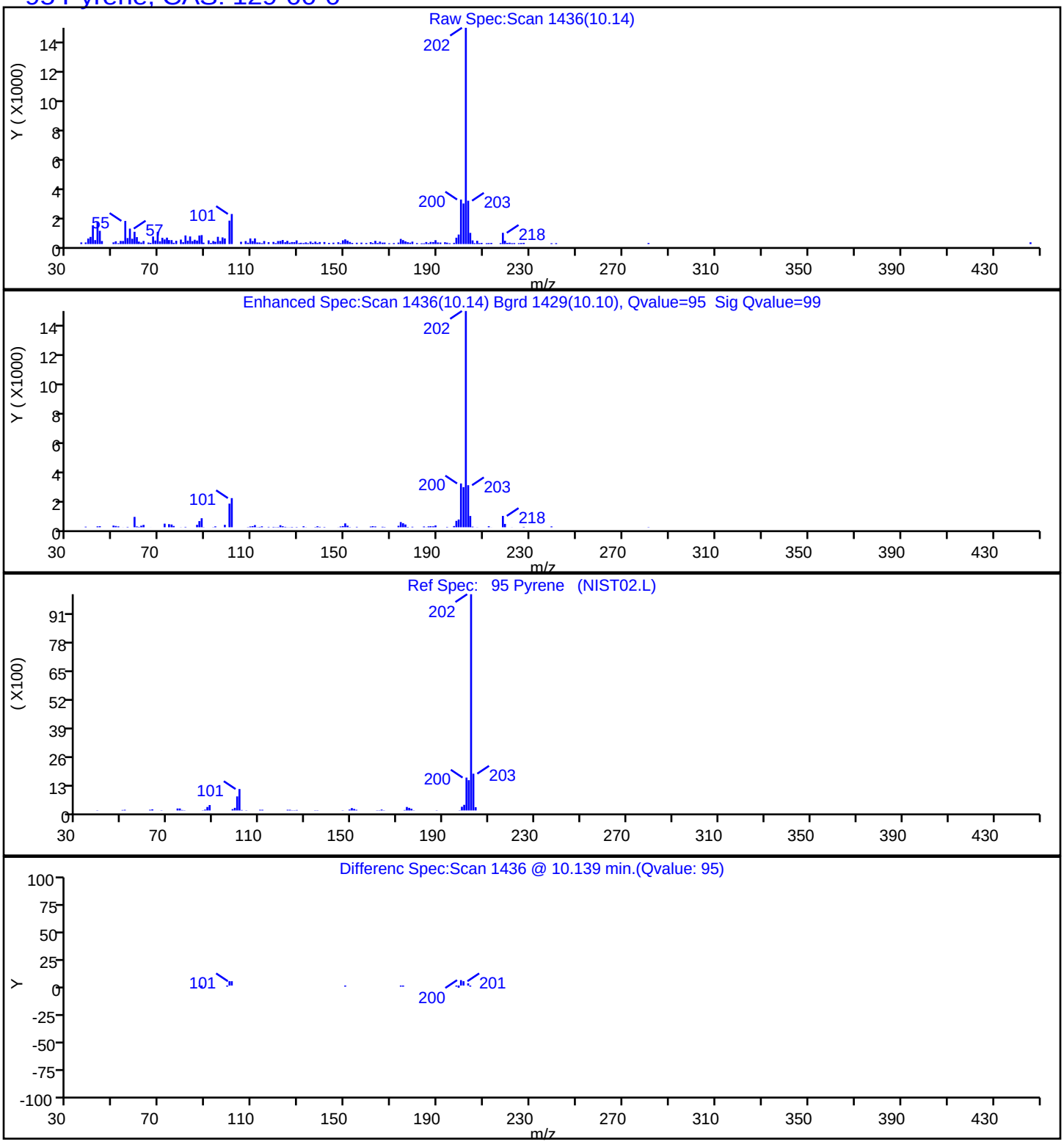
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
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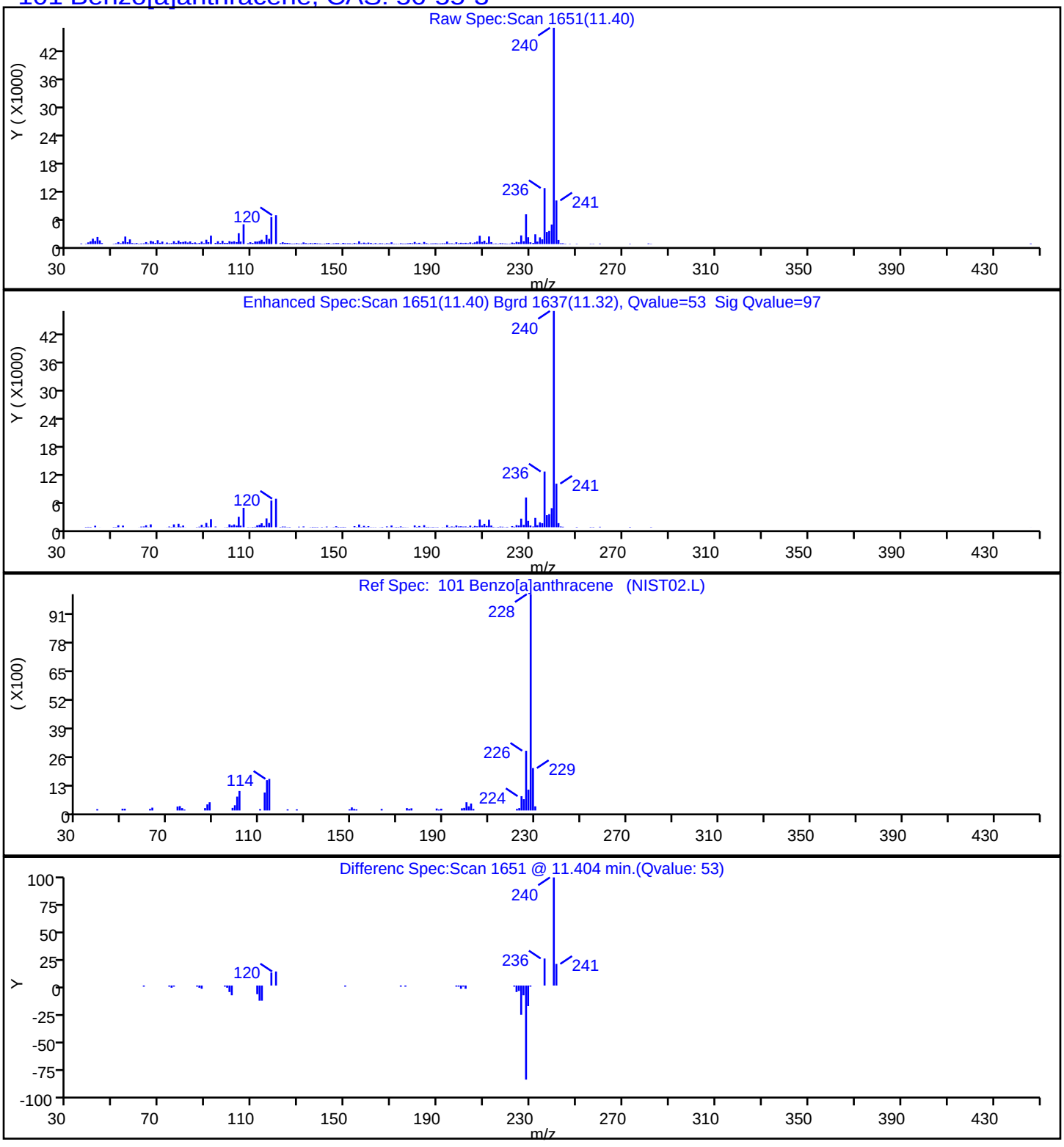
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

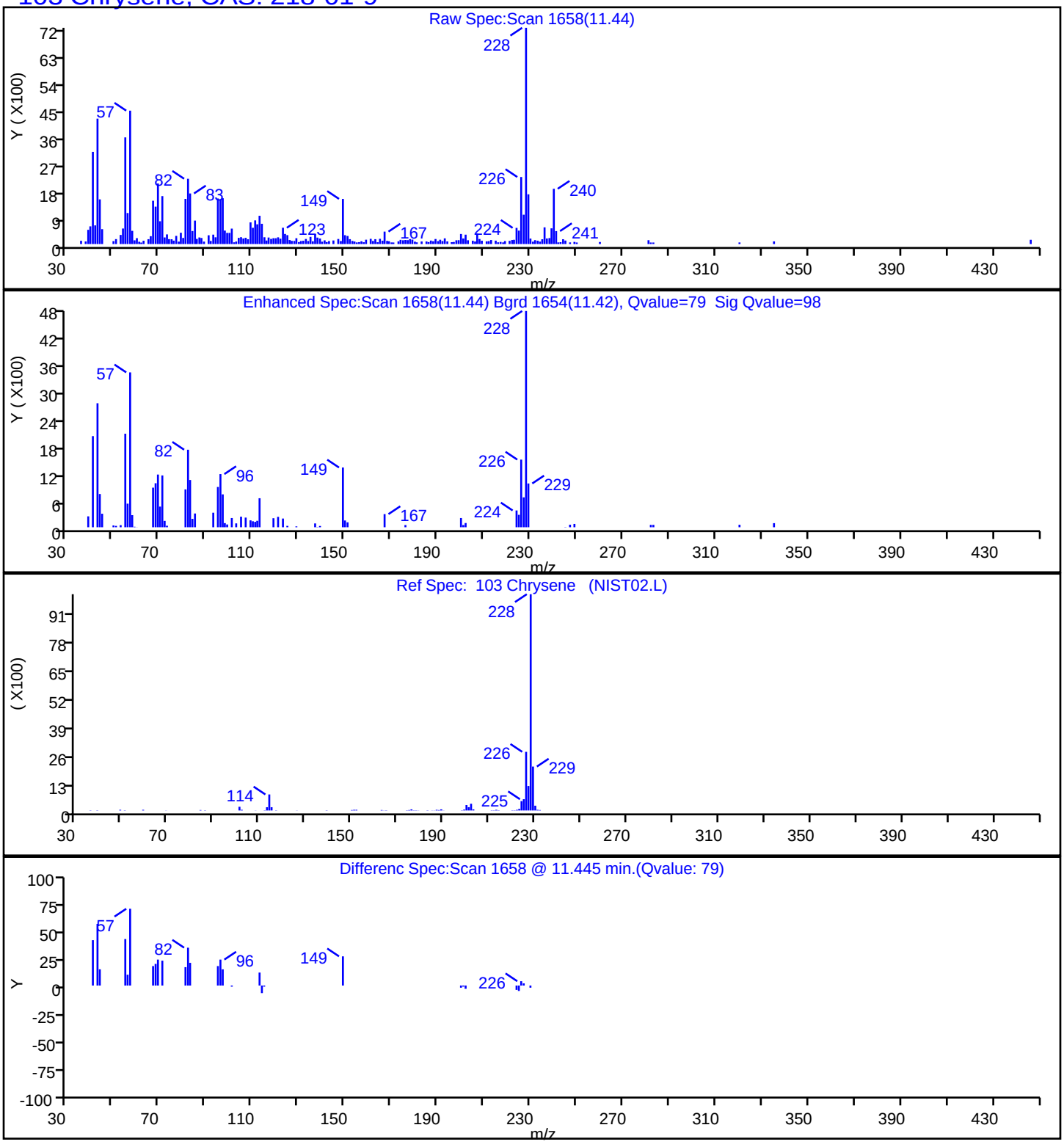
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
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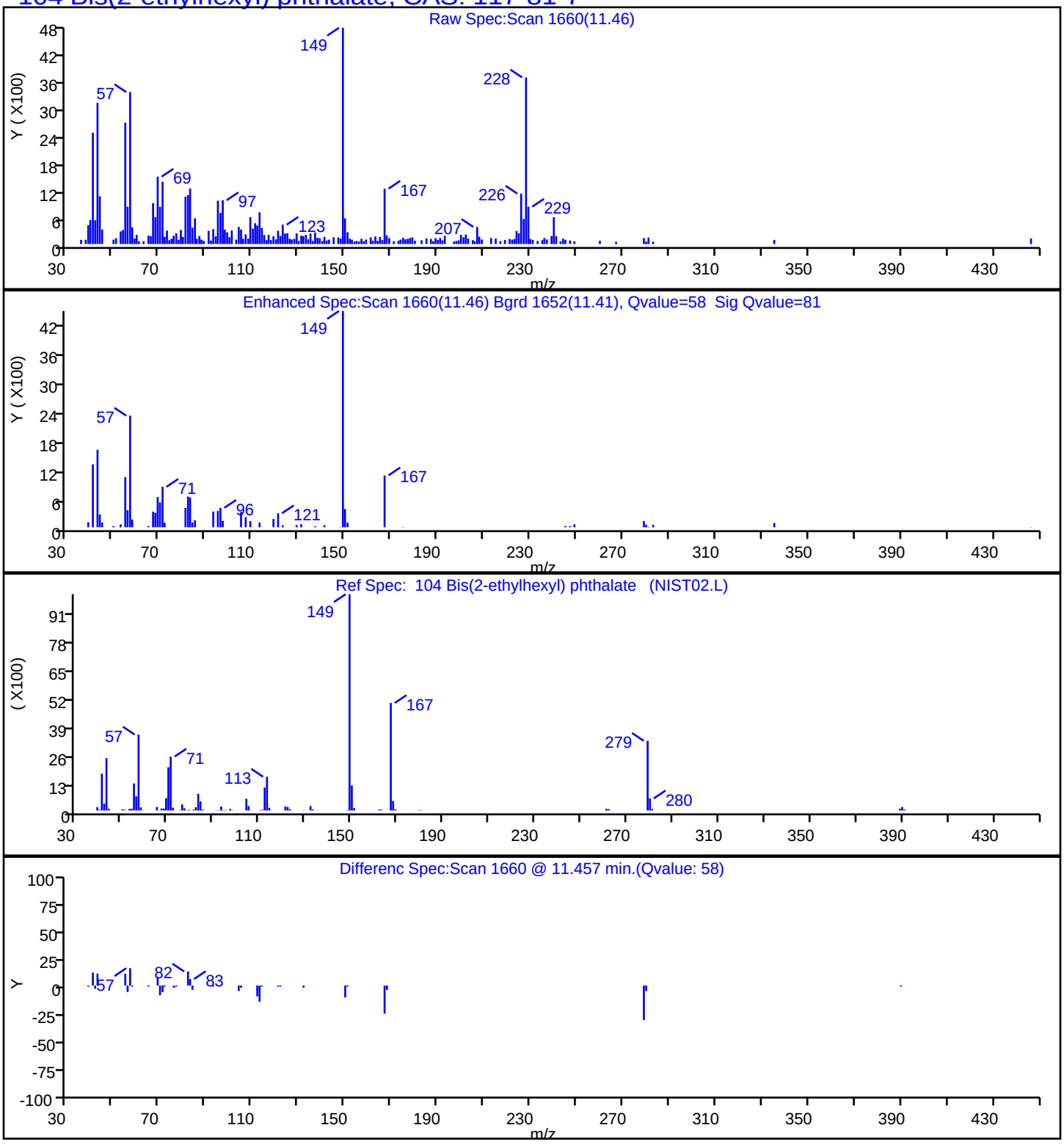
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

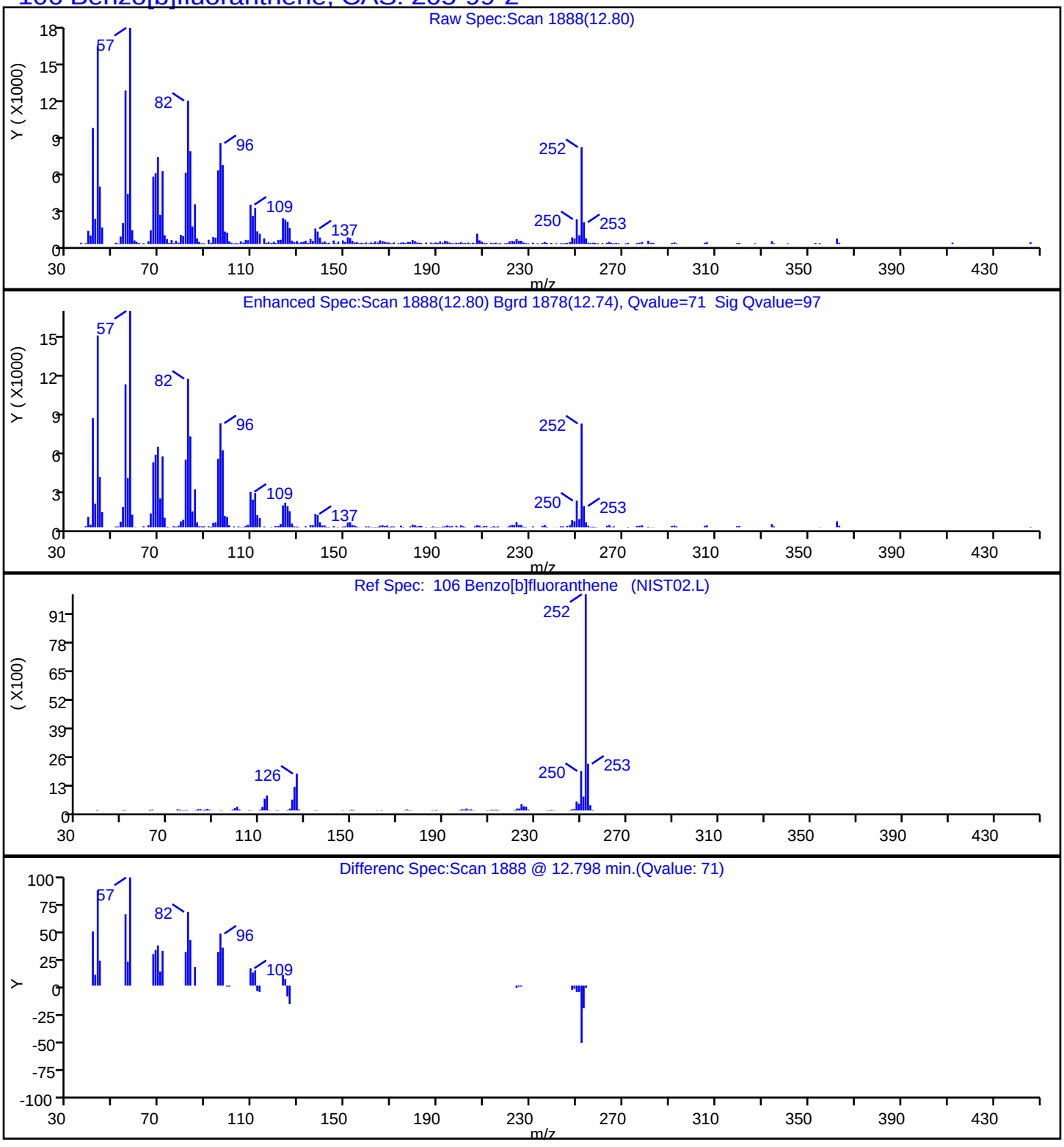
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

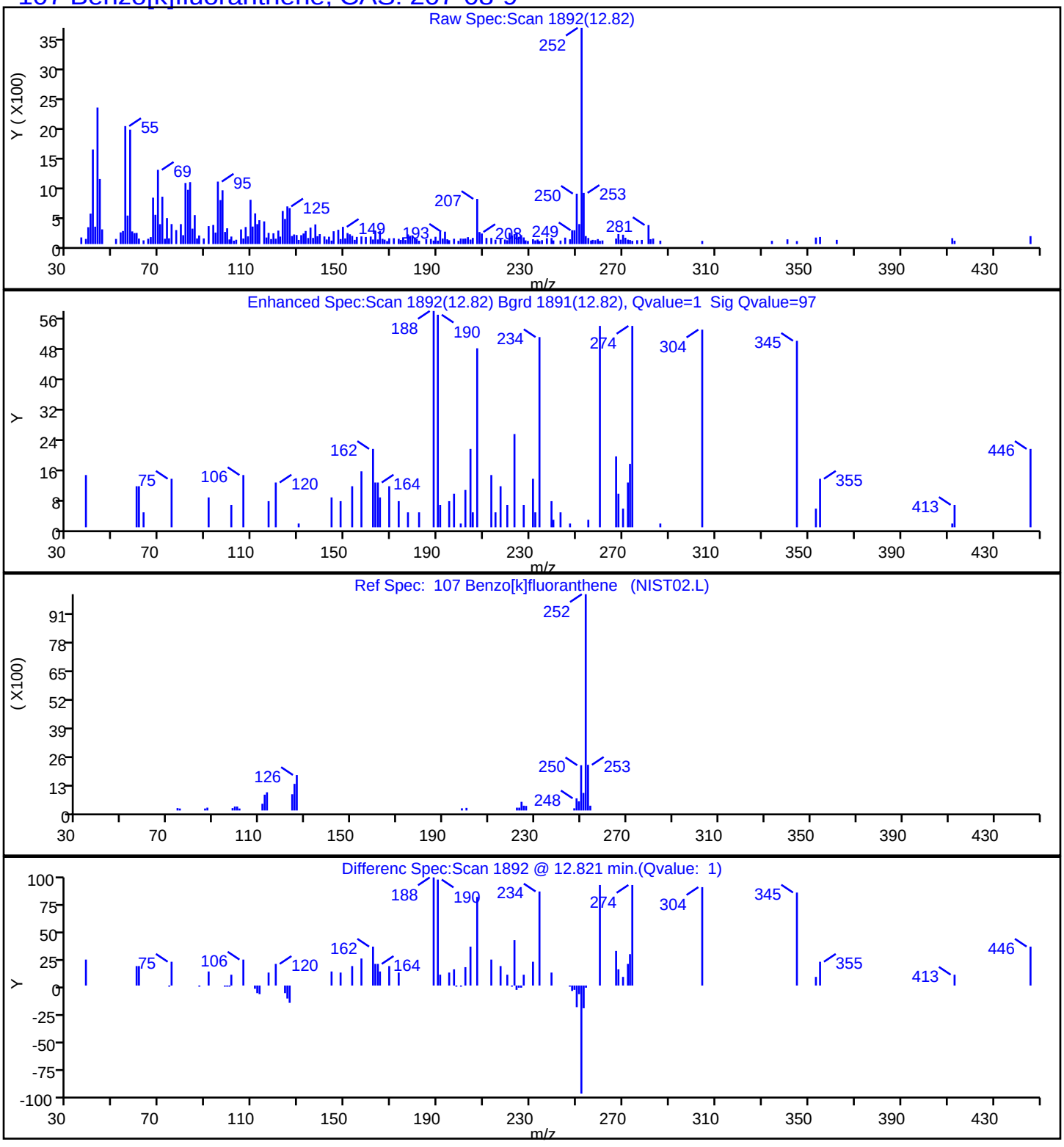
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

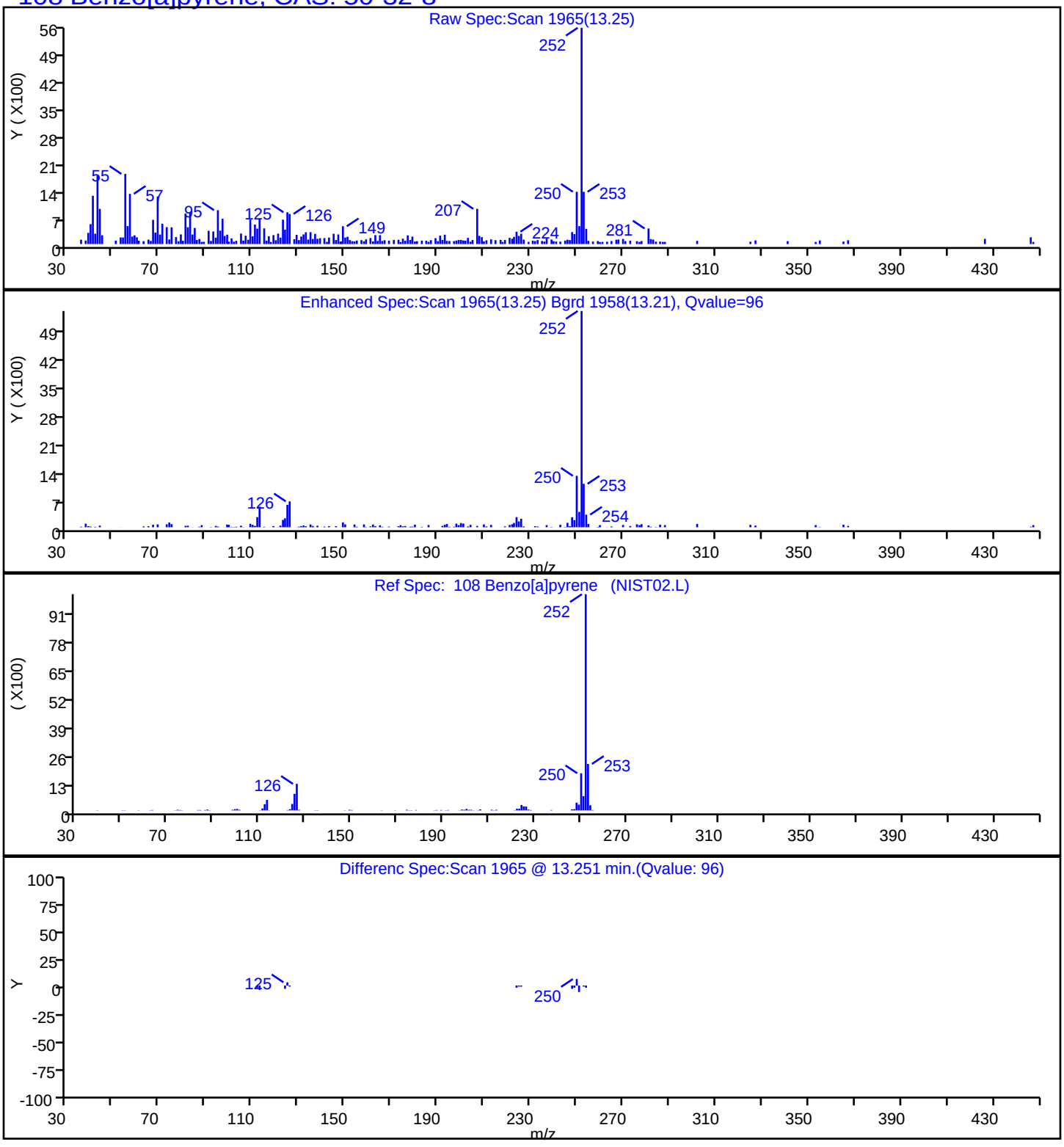
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

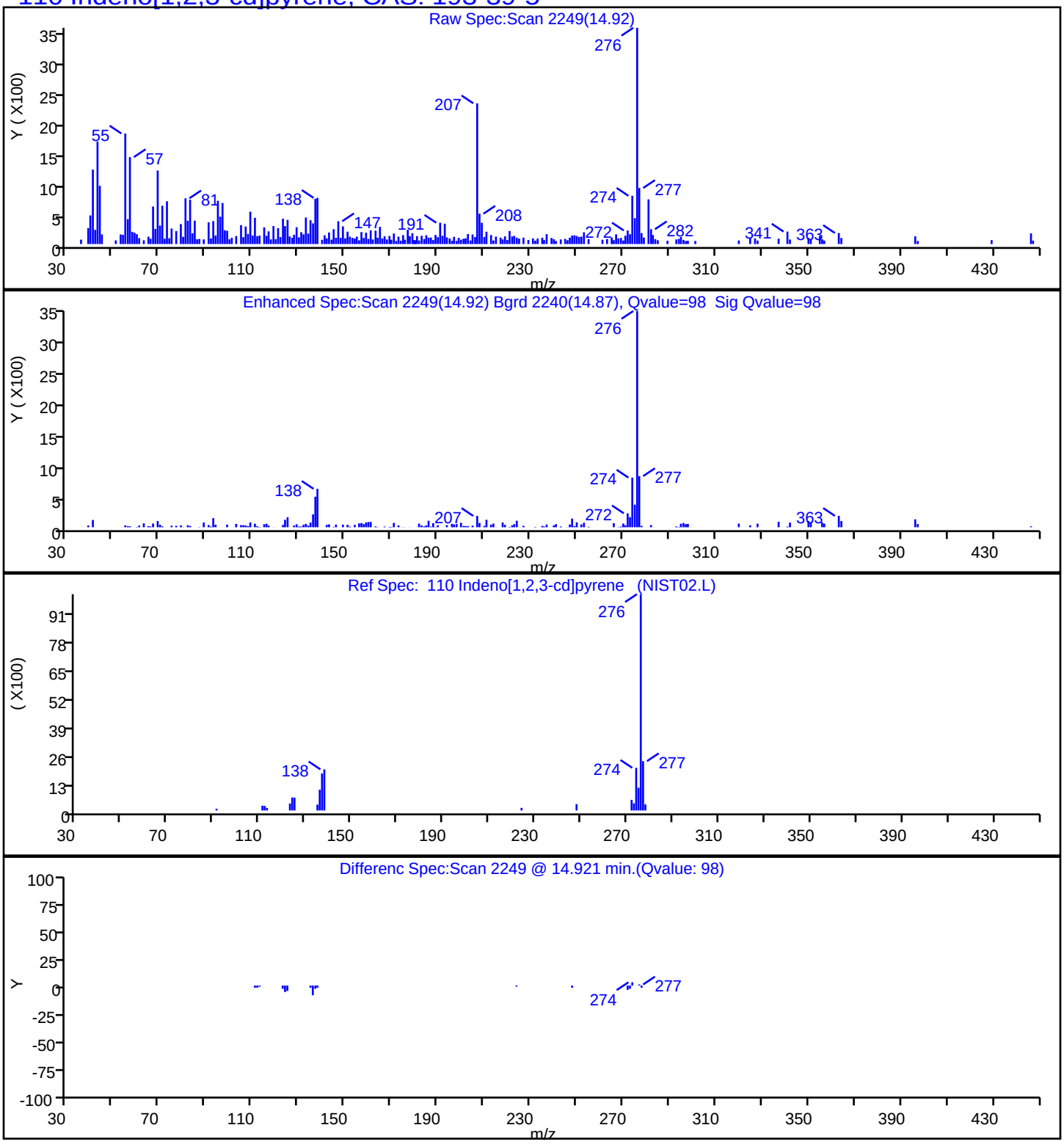
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

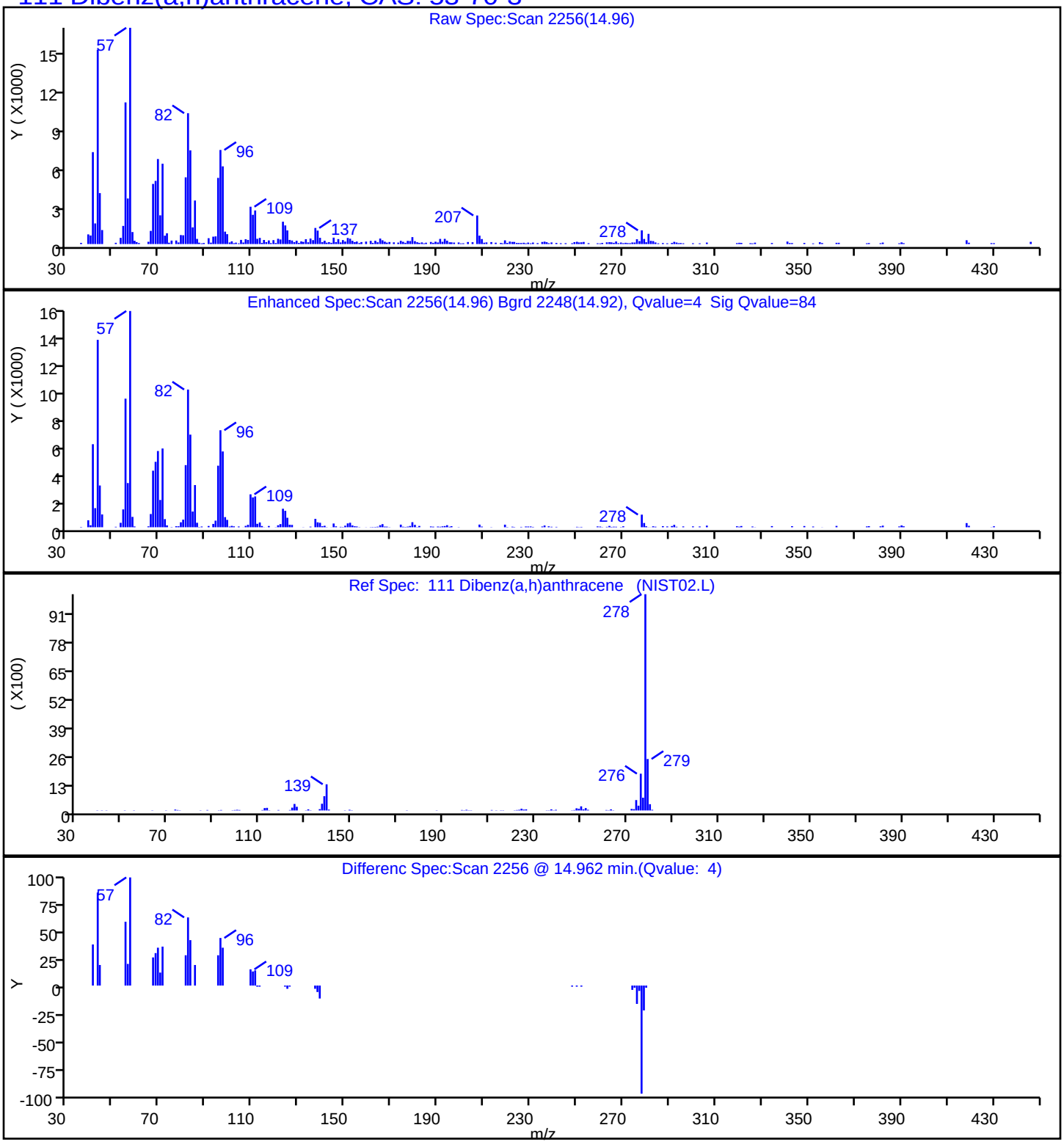
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

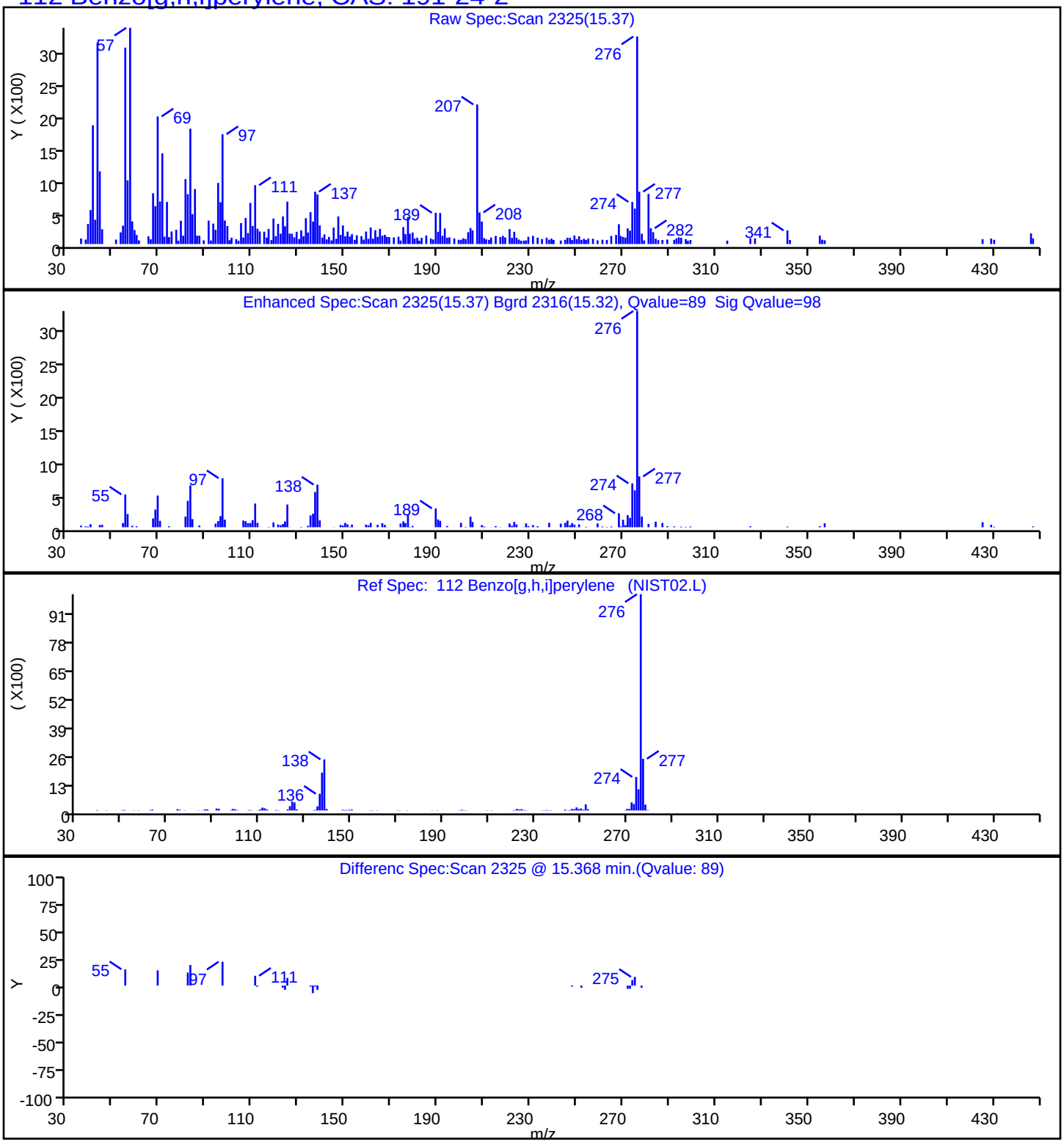
111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

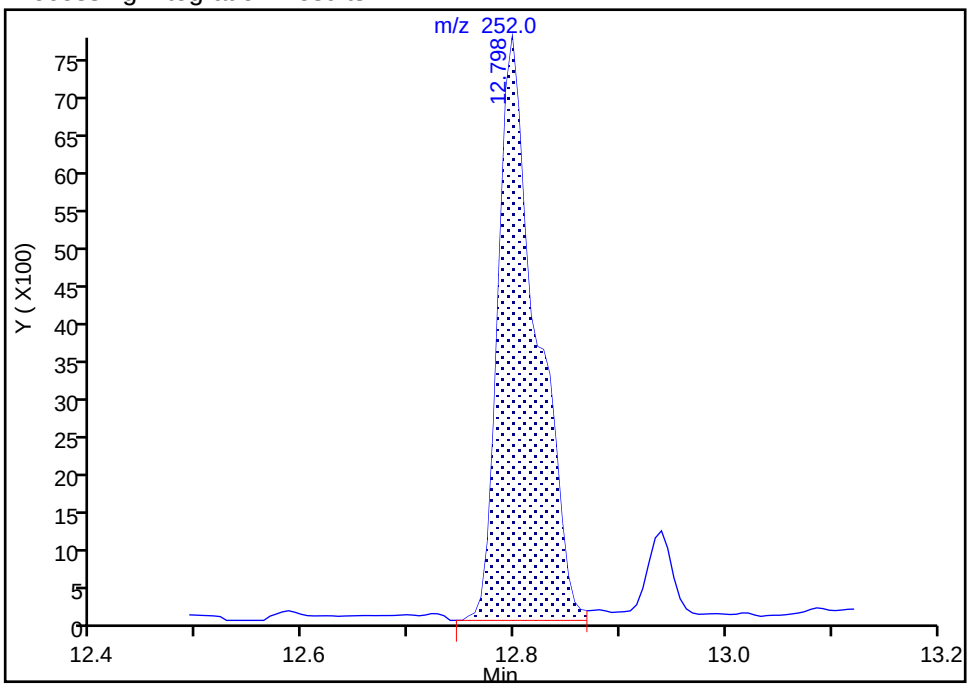
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

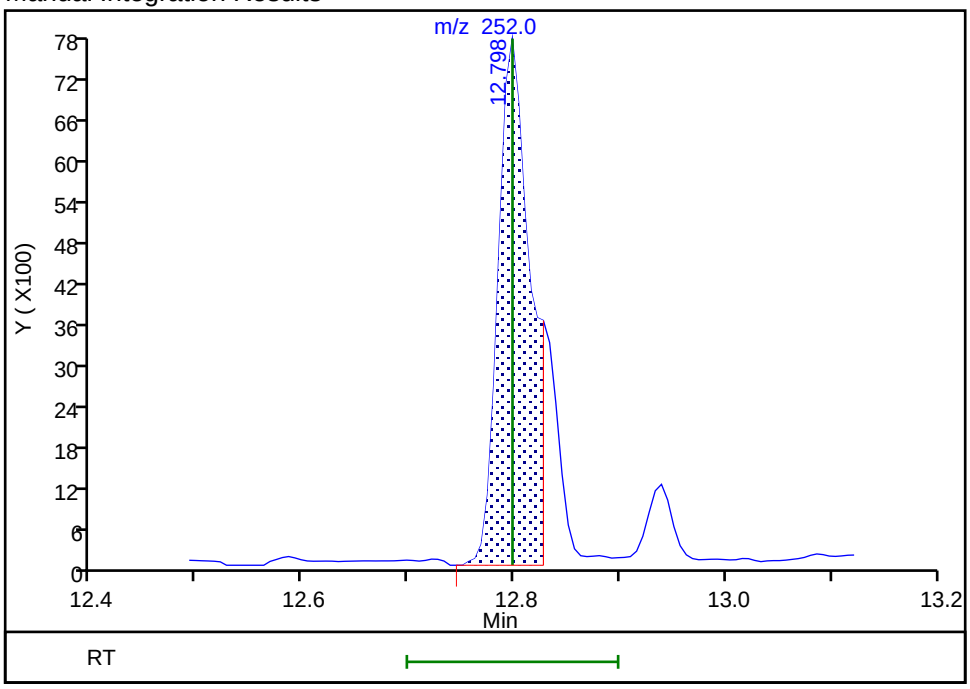
Processing Integration Results

RT: 12.80
Area: 19530
Amount: 2.781800
Amount Units: ug/ml



Manual Integration Results

RT: 12.80
Area: 16675
Amount: 2.375142
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:50:21

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins TestAmerica, Edison

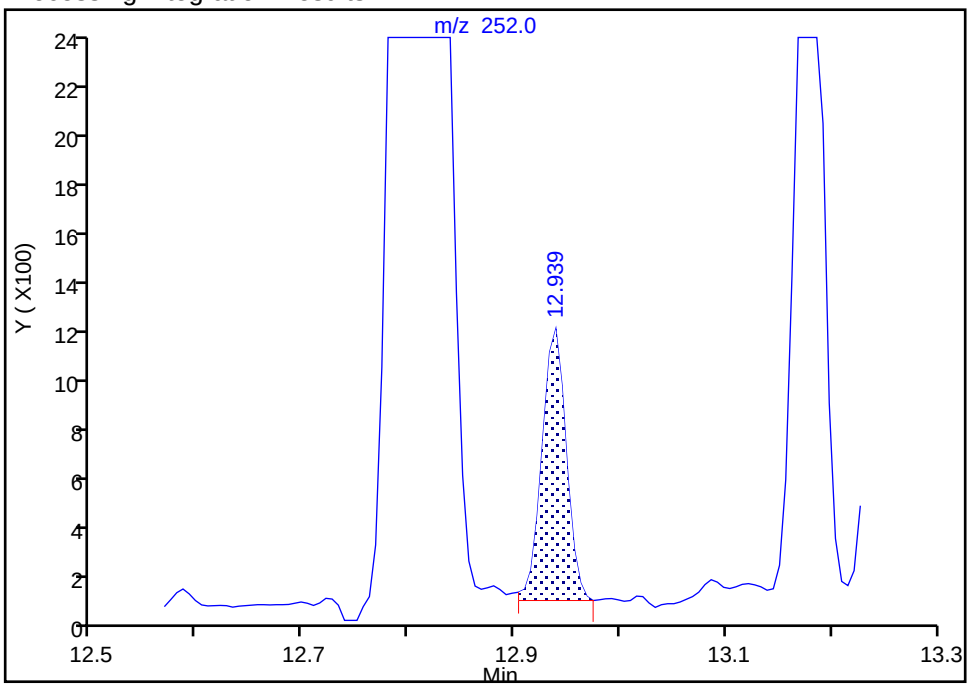
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

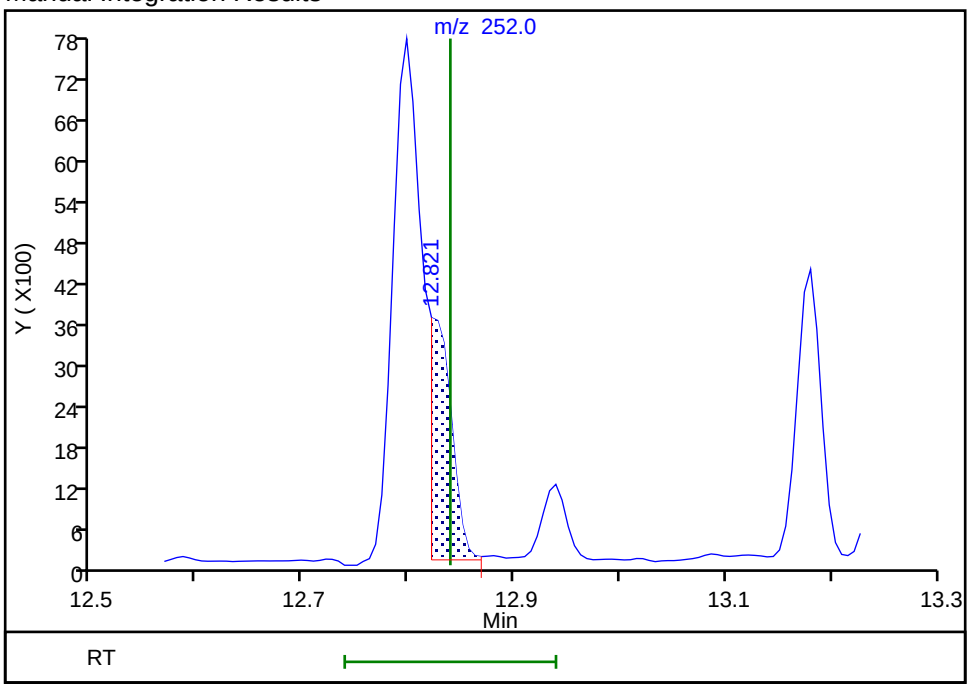
Processing Integration Results

RT: 12.94
Area: 1773
Amount: 0.246081
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 5157
Amount: 0.715757
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:50:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

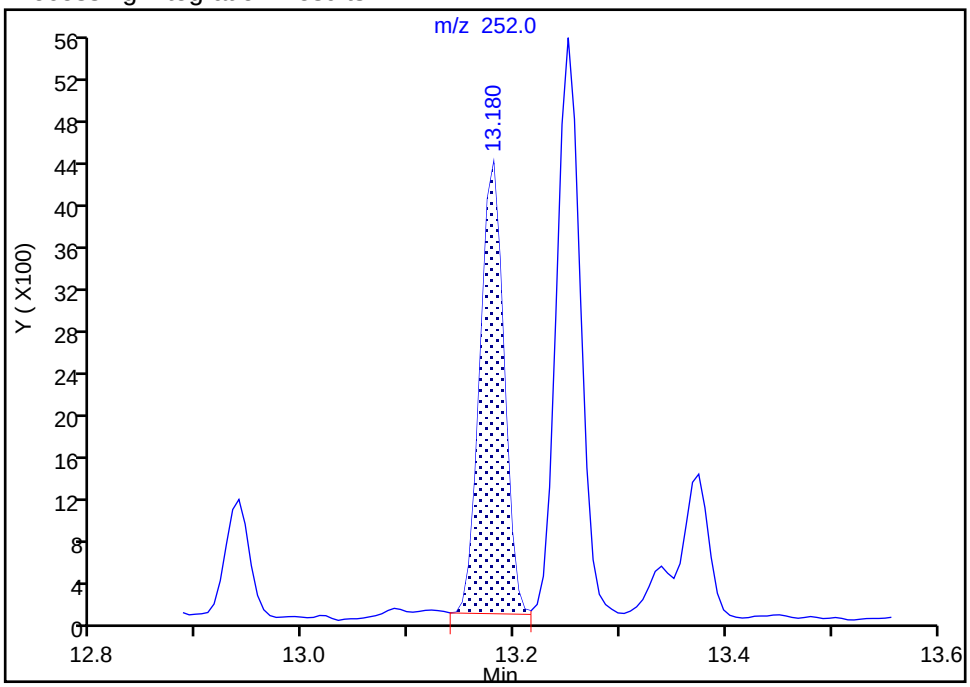
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

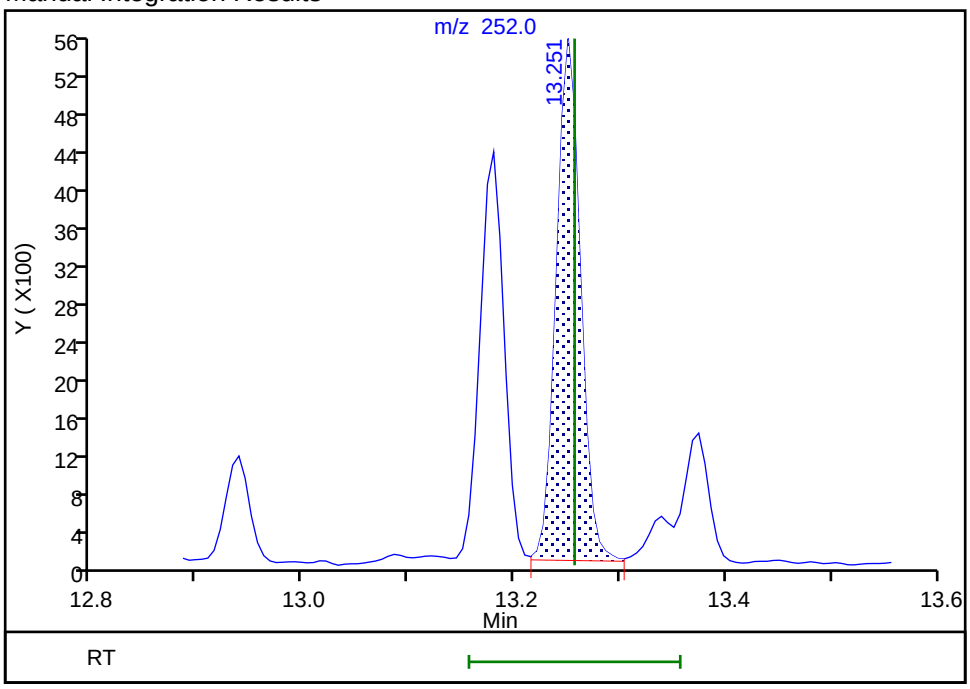
Processing Integration Results

RT: 13.18
Area: 6686
Amount: 1.001747
Amount Units: ug/ml



Manual Integration Results

RT: 13.25
Area: 8632
Amount: 1.293312
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:50:54
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3

Client ID: HA-1

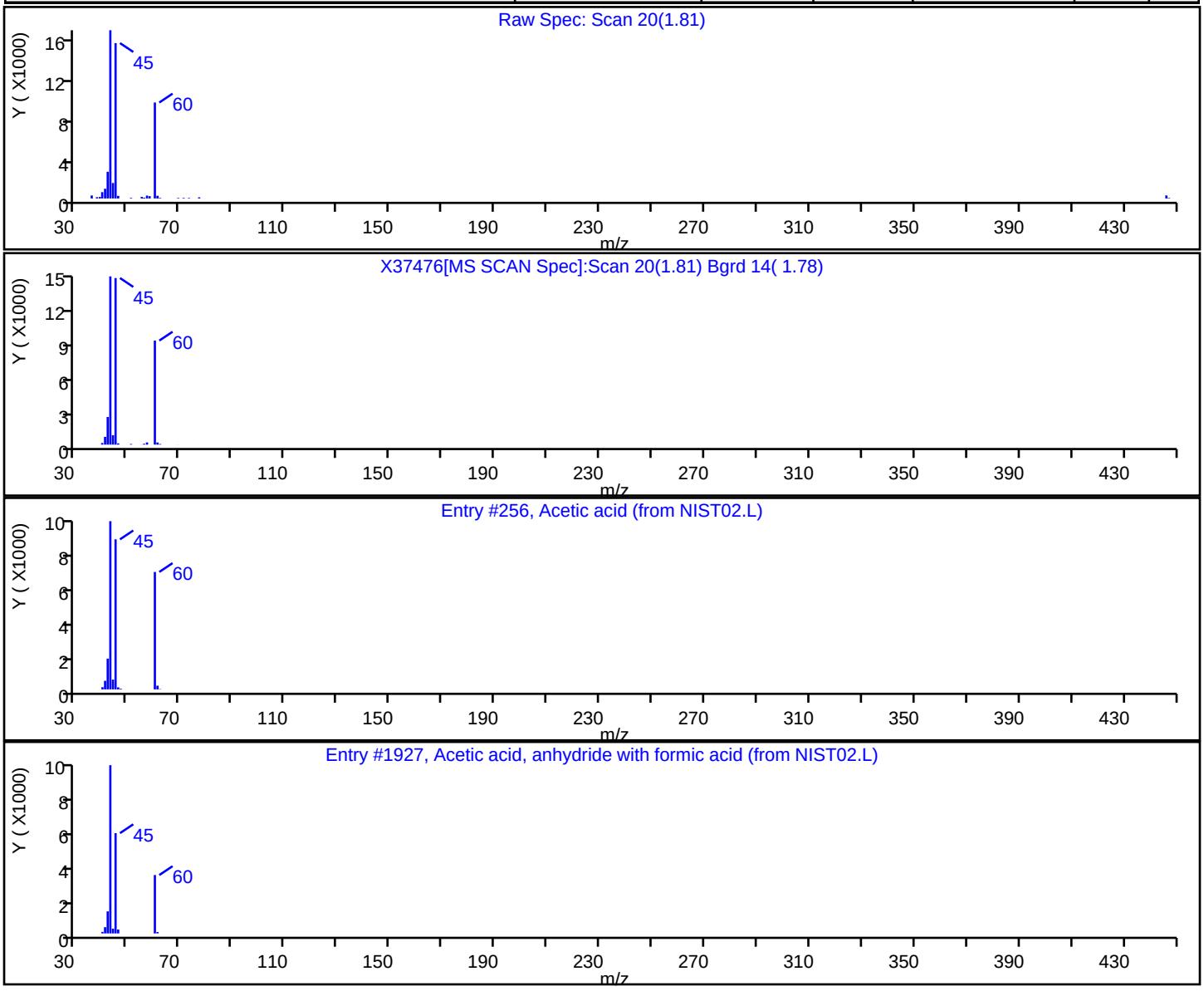
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Acetic acid	64-19-7	NIST02.L	256	C2H4O2	60	83
Acetic acid, anhydride with formic acid	2258-42-6	NIST02.L	1927	C3H4O3	88	83

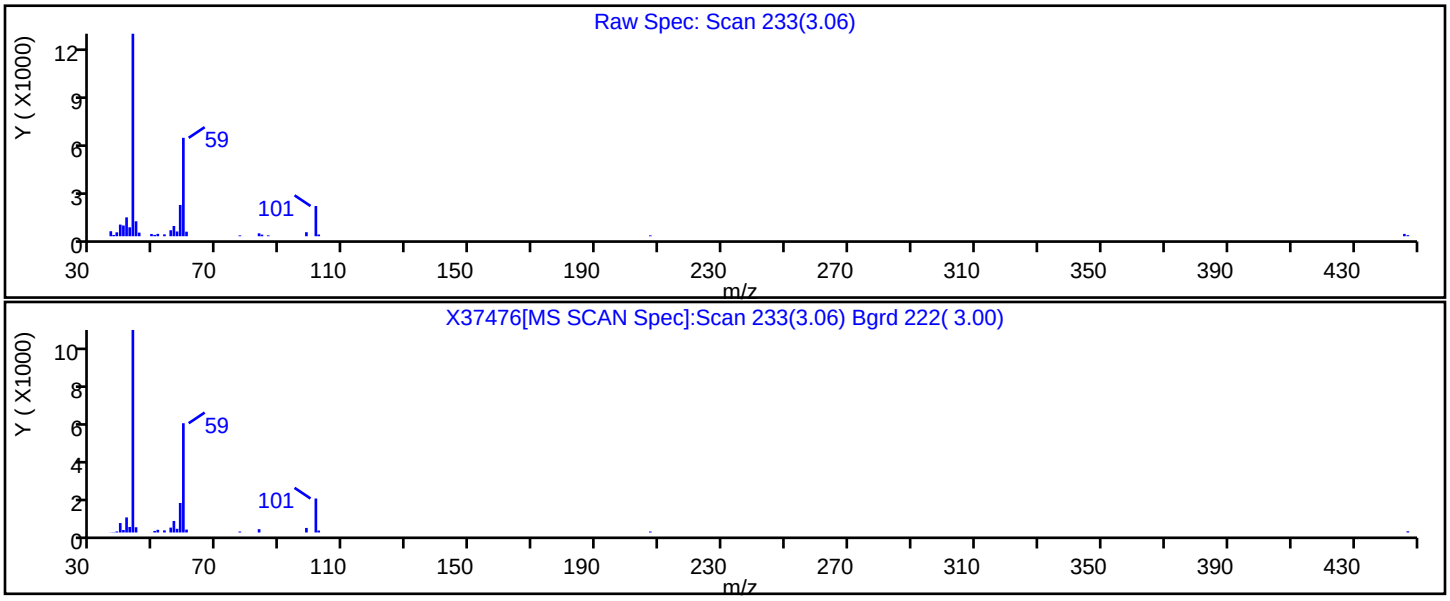


Report Date: 02-Nov-2021 14:30:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

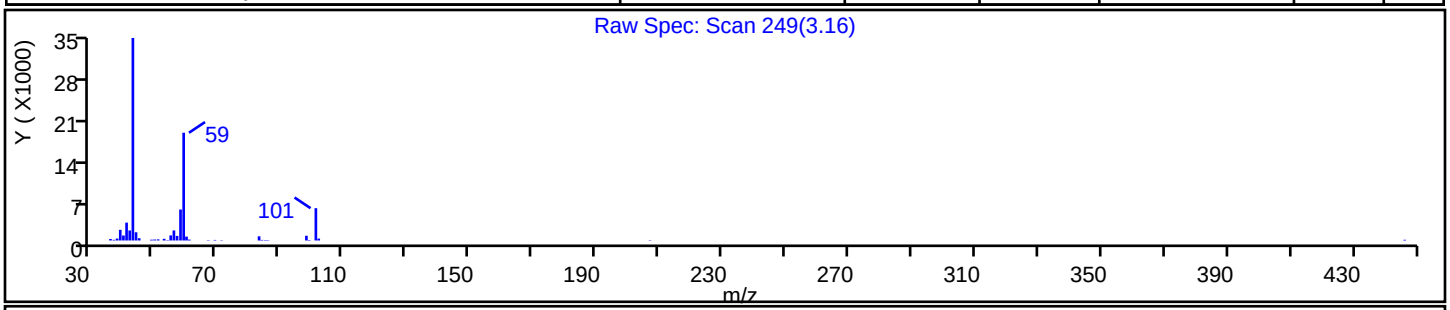
No Library Matches Found above the Threshold: 80

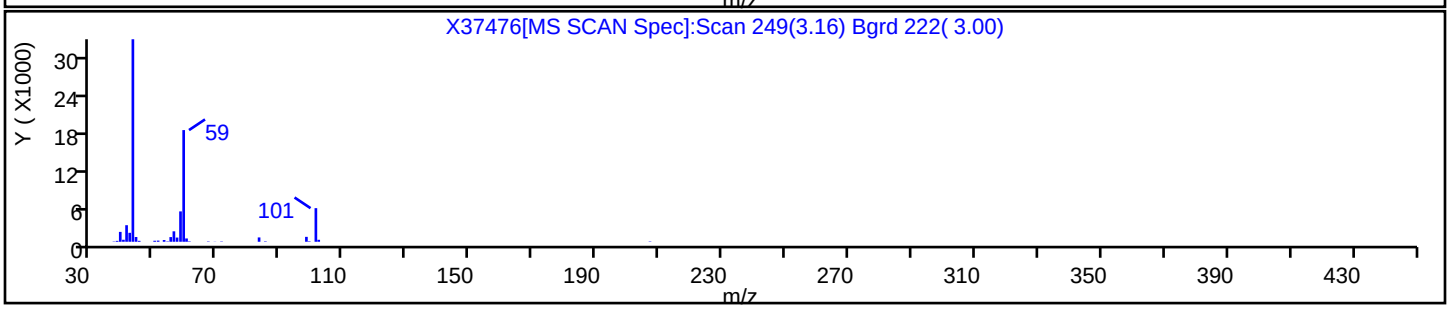


Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

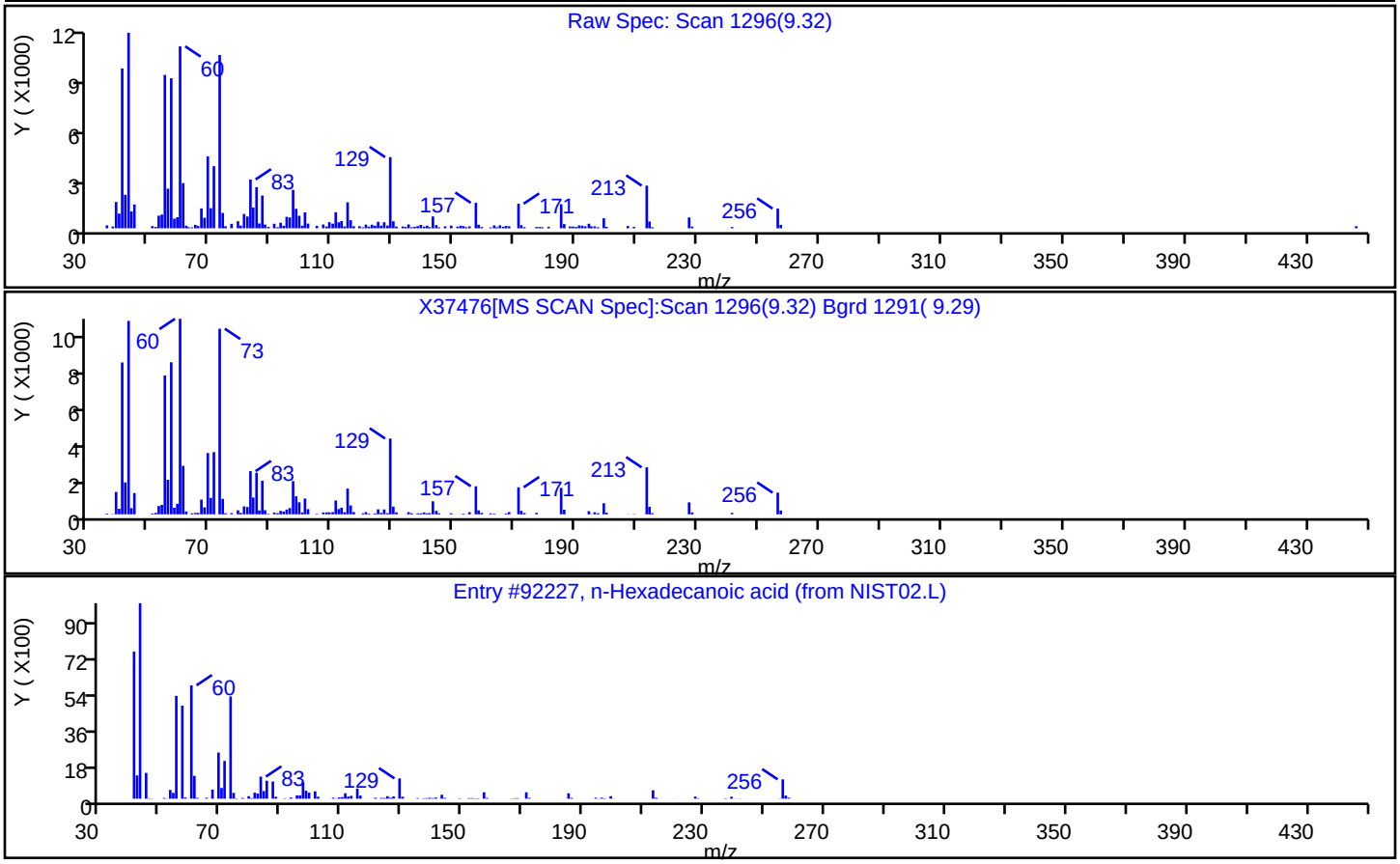




Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
n-Hexadecanoic acid	57-10-3	NIST02.L	92227	C16H32O2	256	96

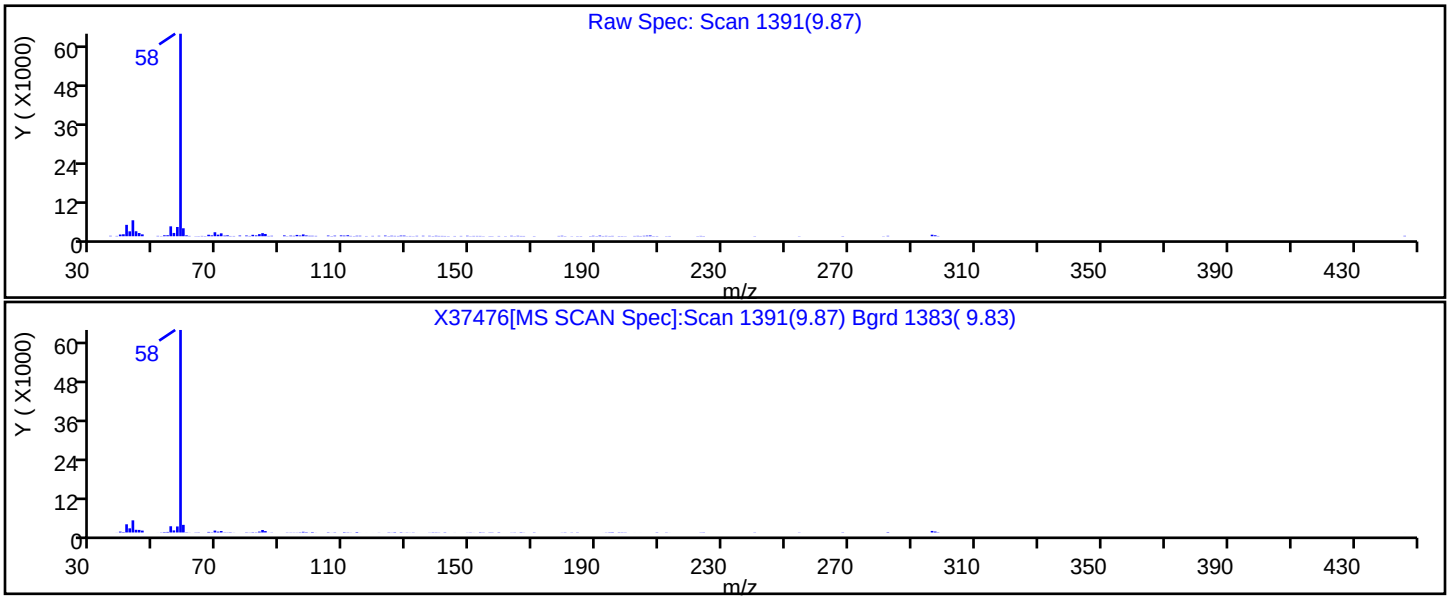


Report Date: 02-Nov-2021 14:30:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d				
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



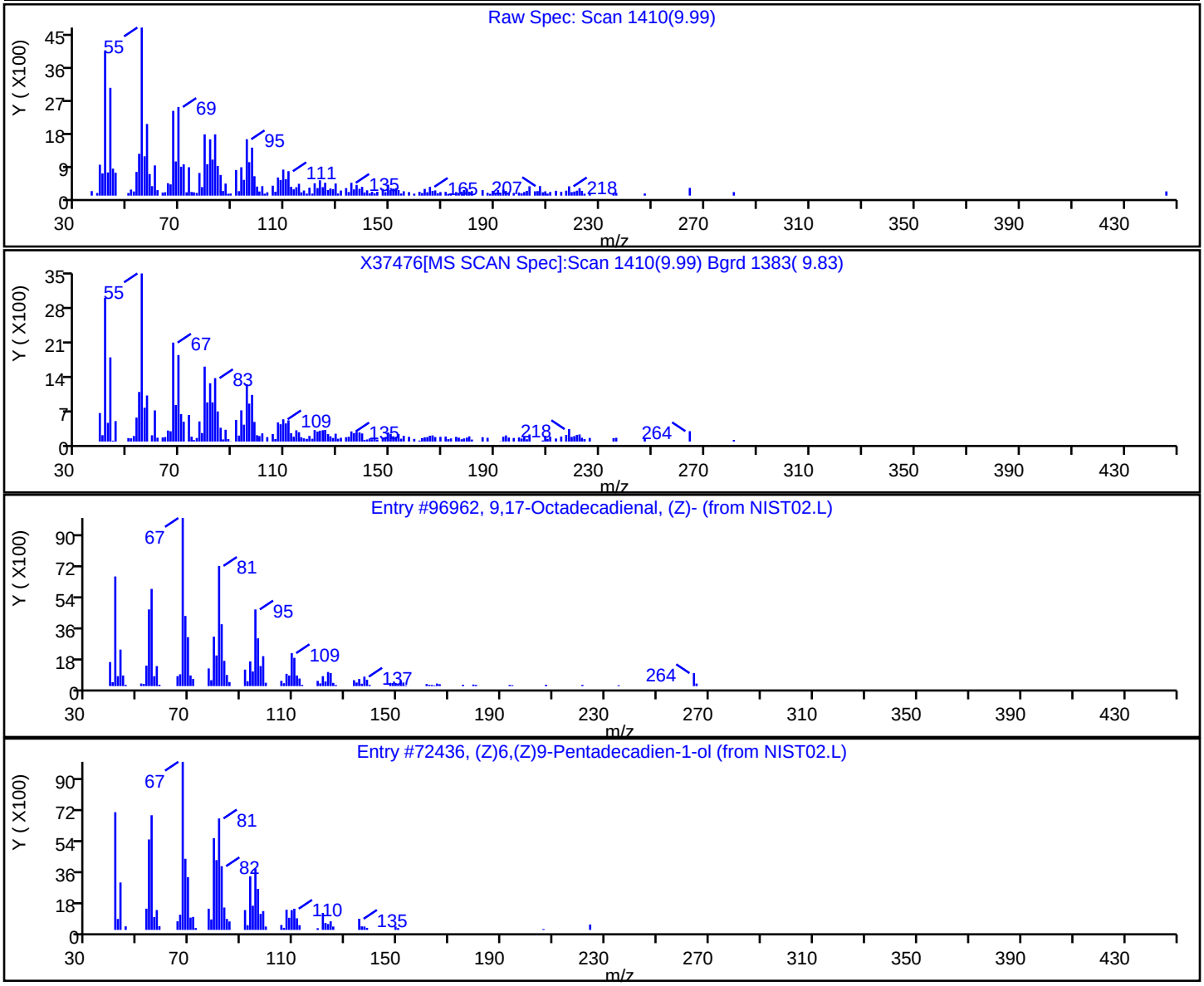
Report Date: 02-Nov-2021 14:30:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
9,17-Octadecadienal, (Z)-	56554-35-9	NIST02.L	96962	C18H32O	264	95
(Z)6,(Z)9-Pentadecadien-1-ol	77899-11-7	NIST02.L	72436	C15H28O	224	87



Report Date: 02-Nov-2021 14:30:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3

Client ID: HA-1

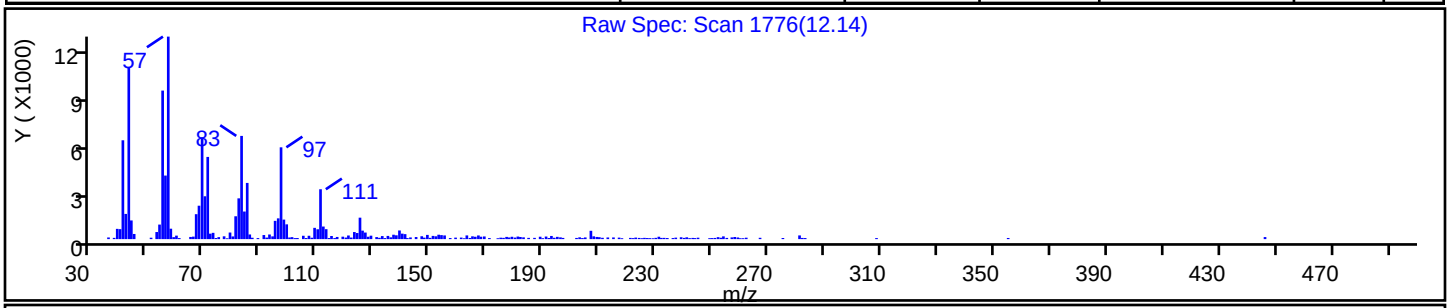
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

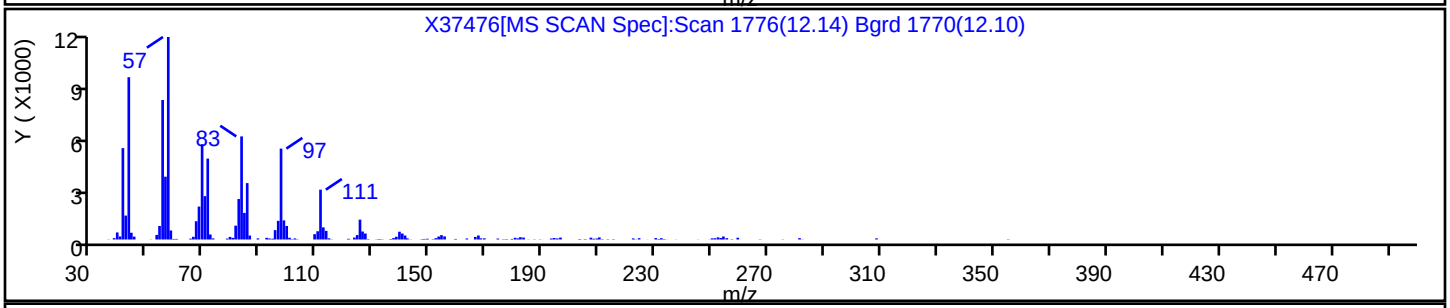
Injection Vol: 1.0 ul Dil. Factor: 1.0000

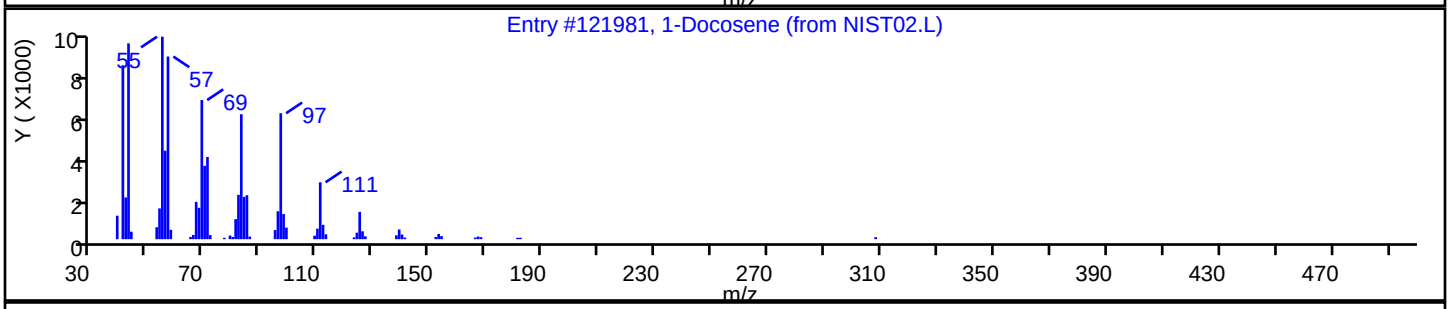
Method: 8270_5R Limit Group: SV 8270E ICAL

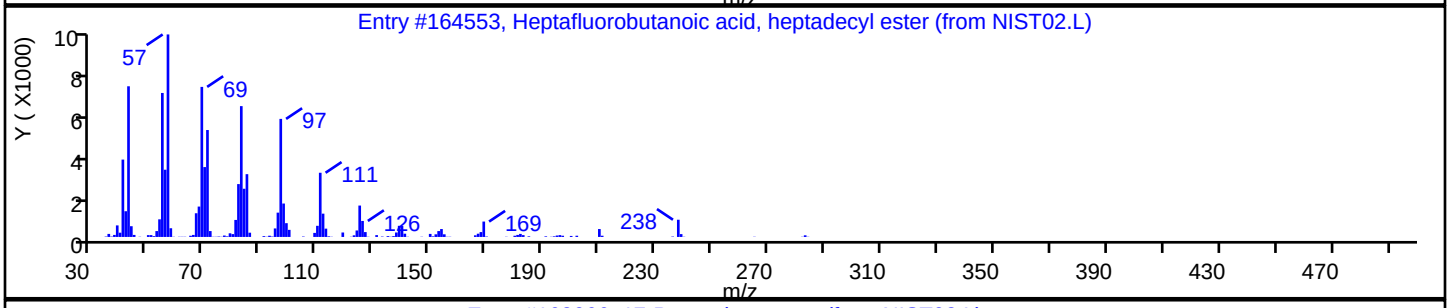
Column: Detector MS SCAN

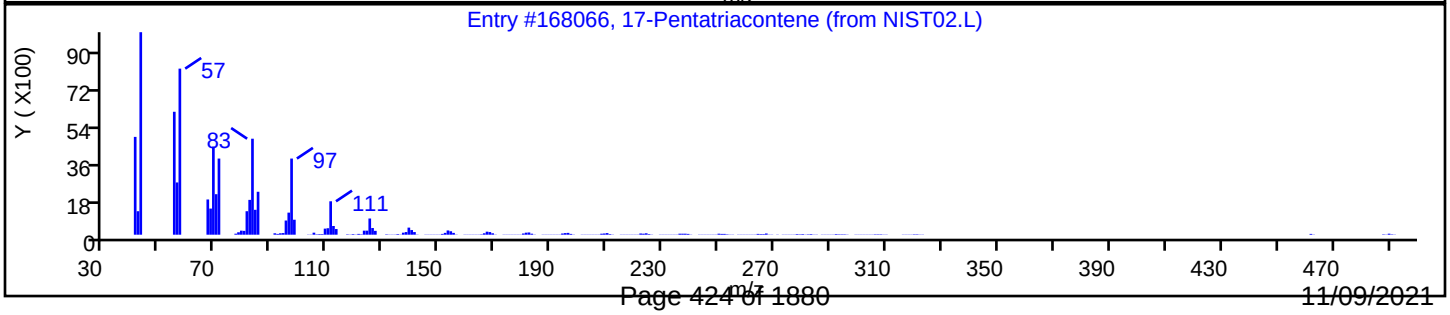
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	98
Heptafluorobutanoic acid, heptadecyl ester	1000282-97-3	NIST02.L	164553	C21H35F7O2	452	91
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	91







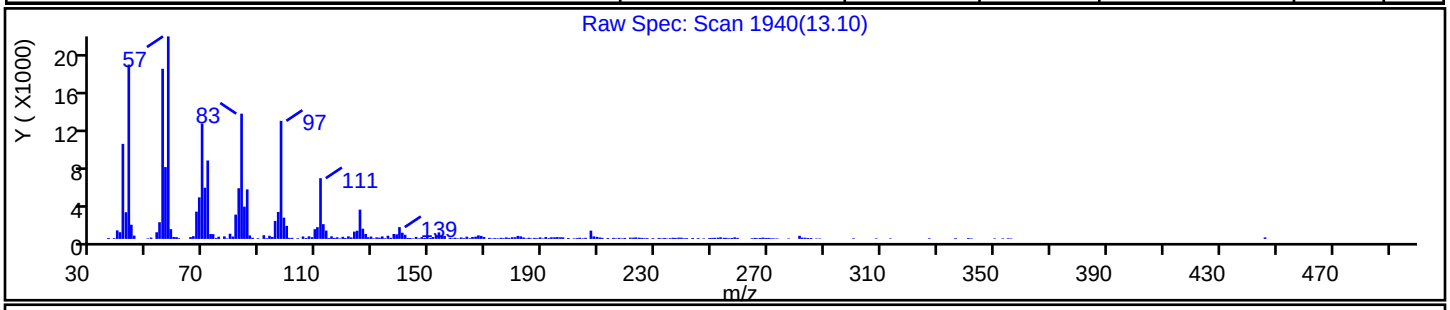


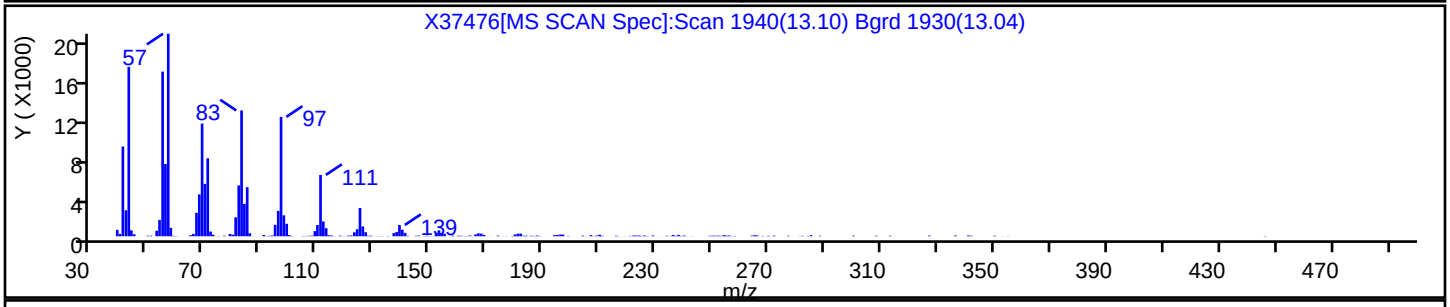


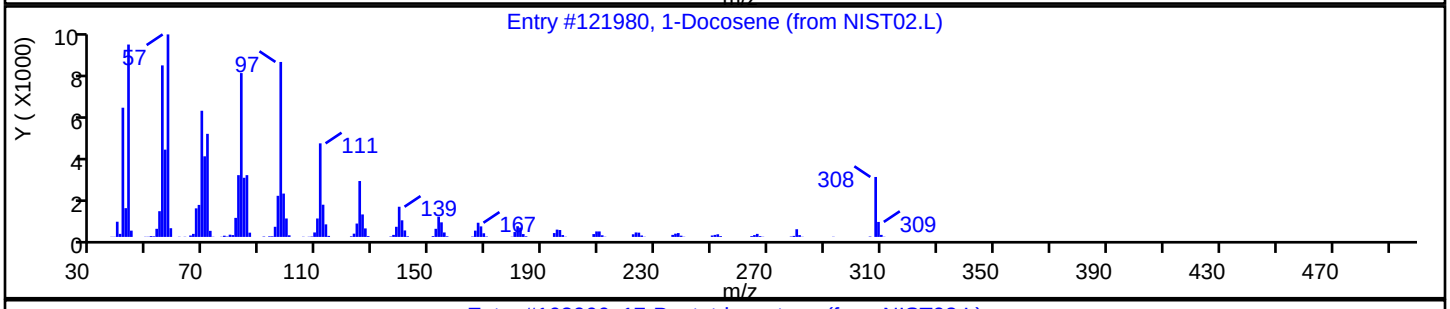
Eurofins TestAmerica, Edison

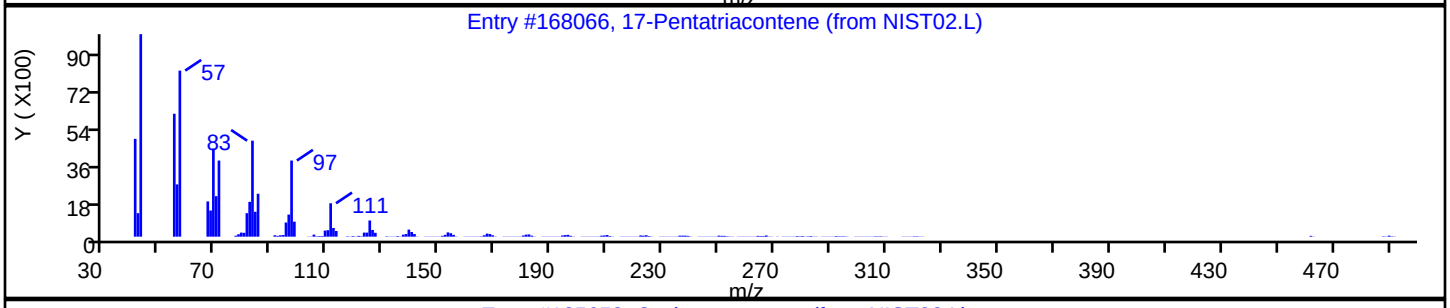
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d
Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3
Client ID: HA-1
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

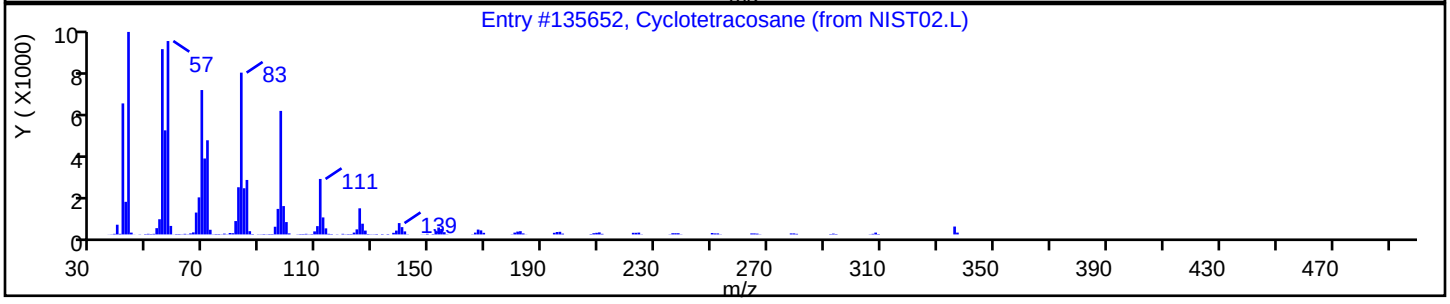
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121980	C22H44	308	99
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	91
Cyclotetracosane	297-03-0	NIST02.L	135652	C24H48	336	90







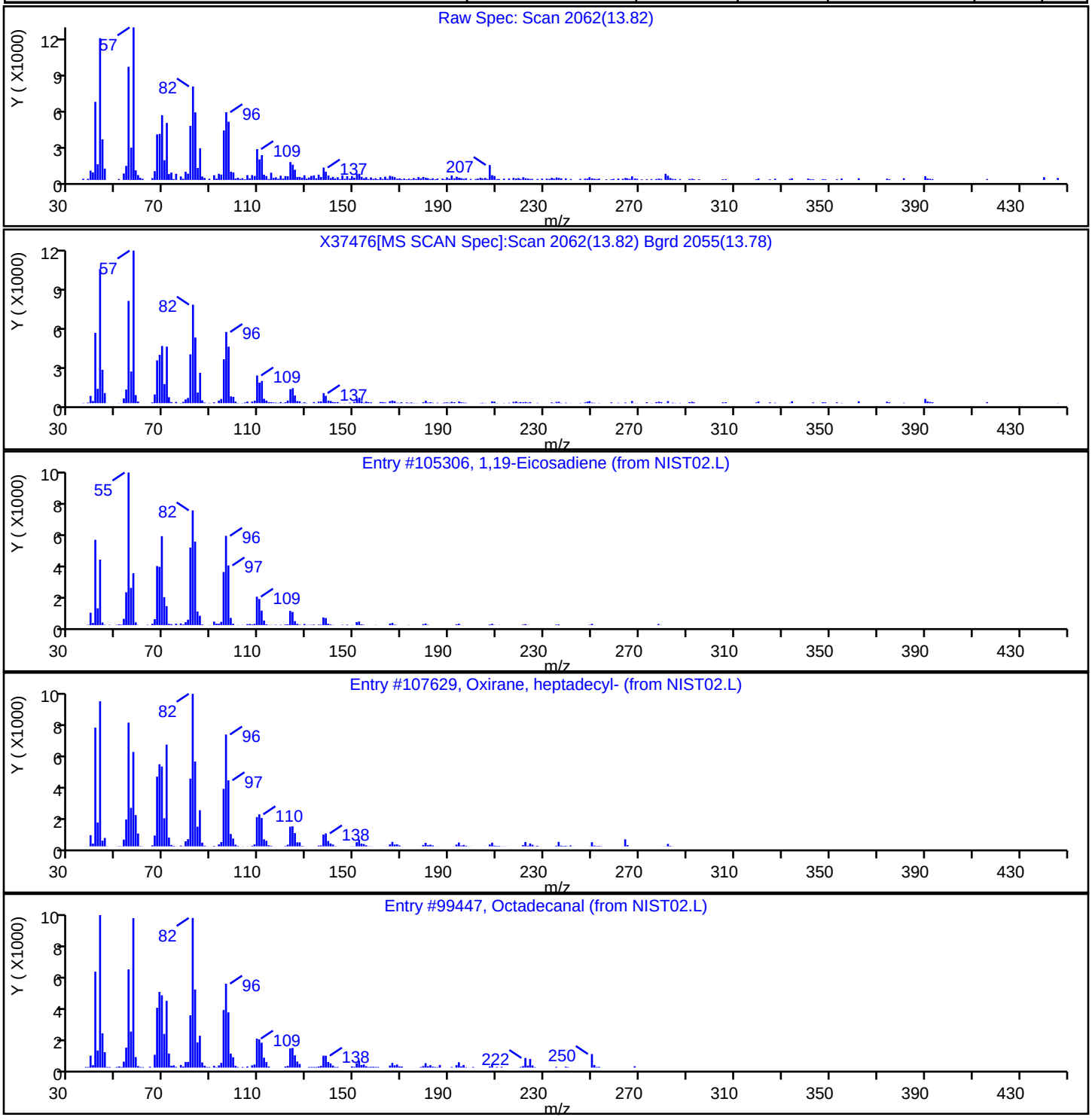




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d
Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3
Client ID: HA-1
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,19-Eicosadiene	14811-95-1	NIST02.L	105306	C20H38	278	95
Oxirane, heptadecyl-	67860-04-2	NIST02.L	107629	C19H38O	282	94
Octadecanal	638-66-4	NIST02.L	99447	C18H36O	268	91



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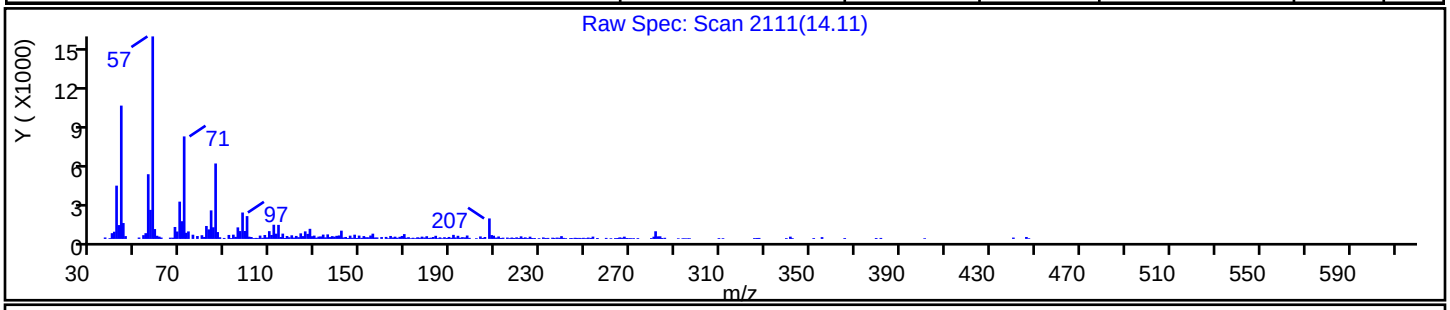
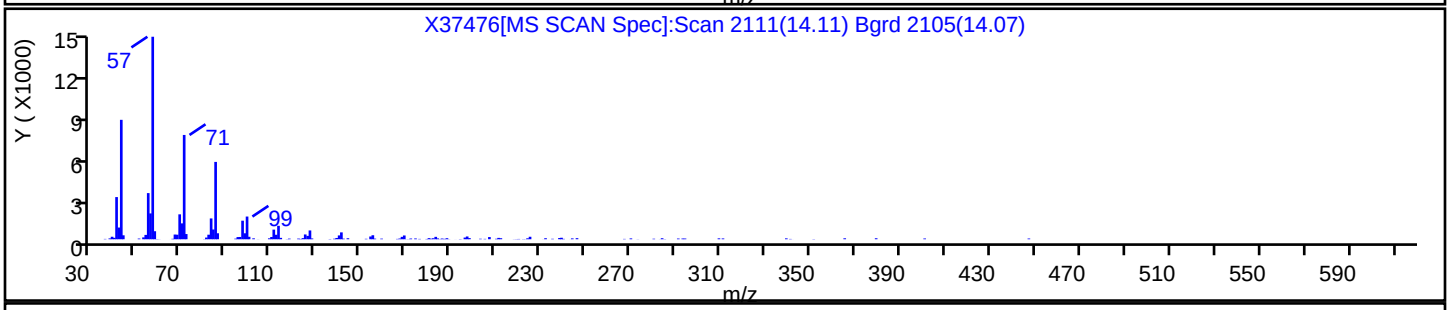
Eurofins TestAmerica, Edison

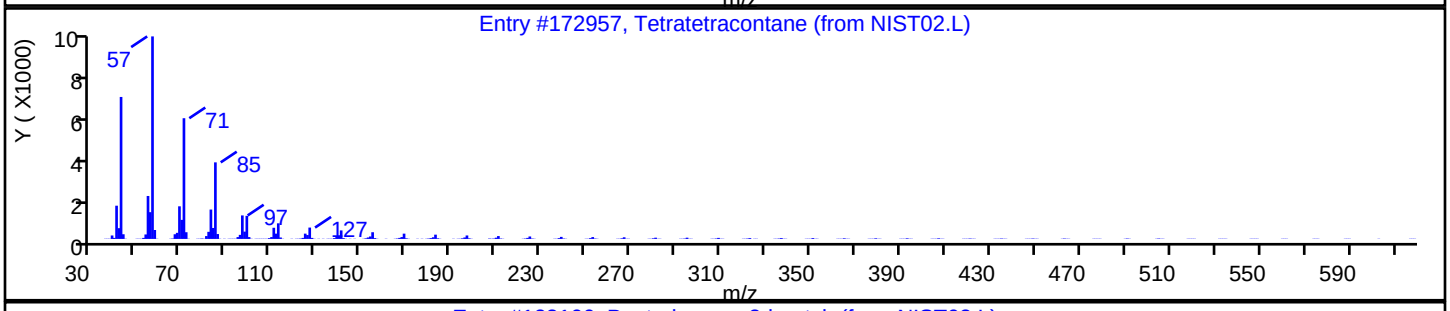
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

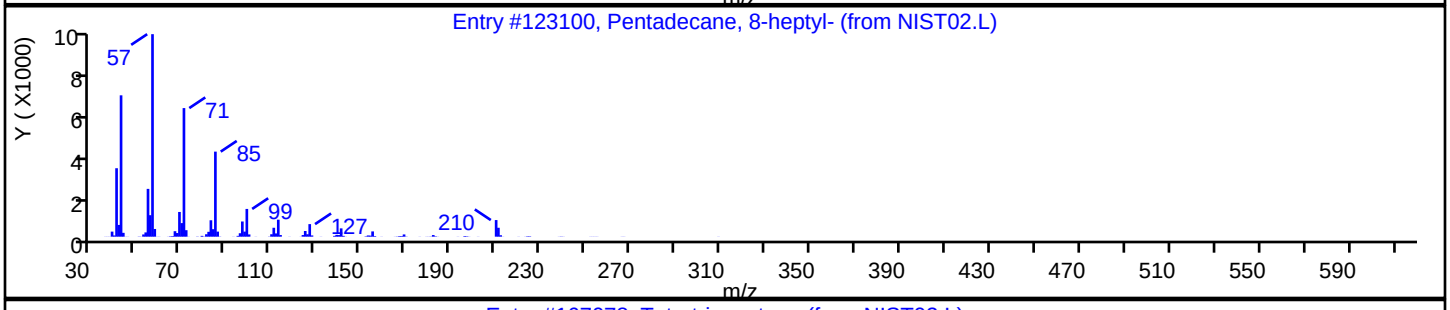
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3		
Client ID:	HA-1				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

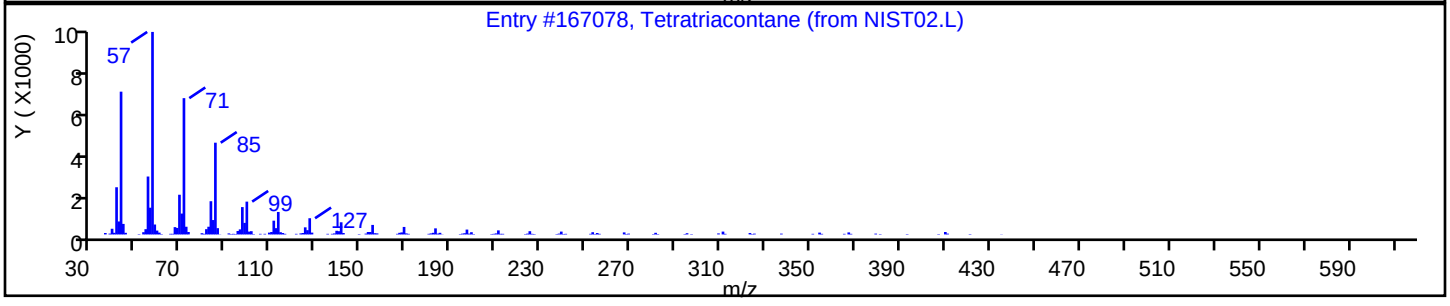
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Tetratetracontane	7098-22-8	NIST02.L	172957	C44H90	619	91
Pentadecane, 8-heptyl-	71005-15-7	NIST02.L	123100	C22H46	310	91
Tetratriacontane	14167-59-0	NIST02.L	167078	C34H70	479	91







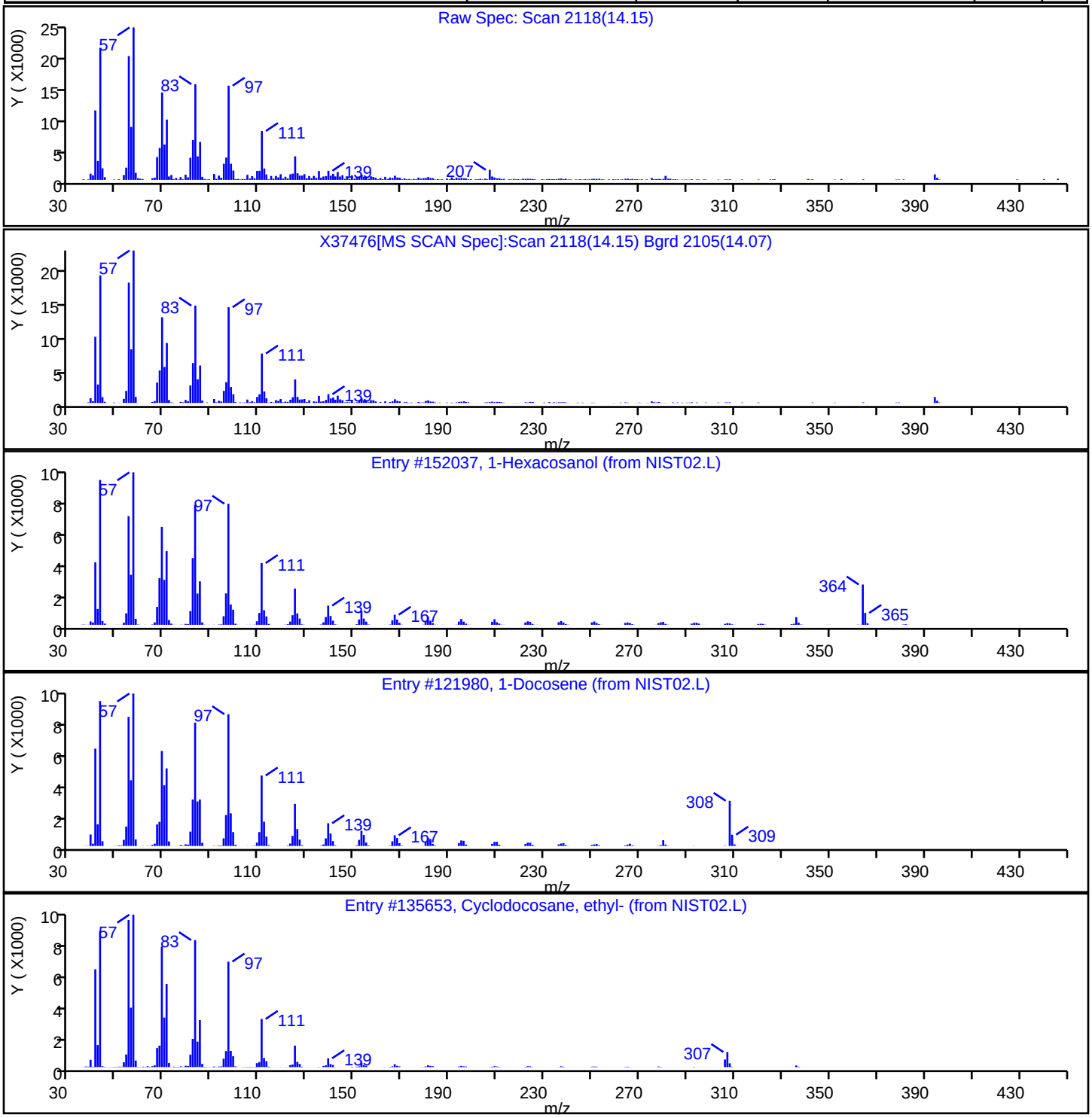




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d
Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3
Client ID: HA-1
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexacosanol	506-52-5	NIST02.L	152037	C26H54O	382	91
1-Docosene	1599-67-3	NIST02.L	121980	C22H44	308	91
Cyclodocosane, ethyl-	1000151-22-6	NIST02.L	135653	C24H48	336	91



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3

Client ID: HA-1

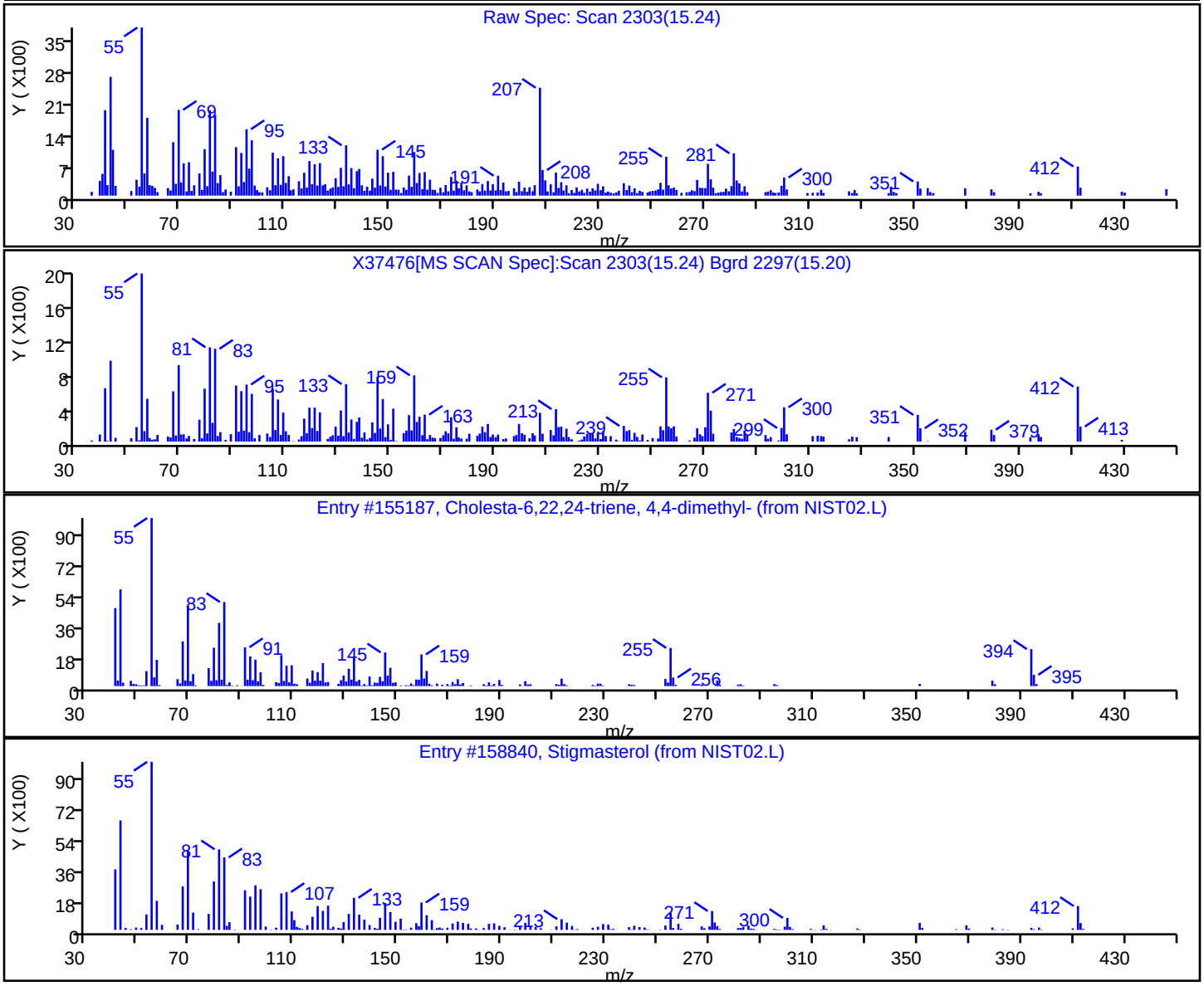
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cholesta-6,22,24-triene, 4,4-dimethyl-	1000128-66-9	NIST02.L	155187	C29H46	394	95
Stigmasterol	83-48-7	NIST02.L	158840	C29H48O	412	95



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d

Injection Date: 01-Nov-2021 18:36:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-3-C Lab Sample ID: 460-246210-3

Client ID: HA-1

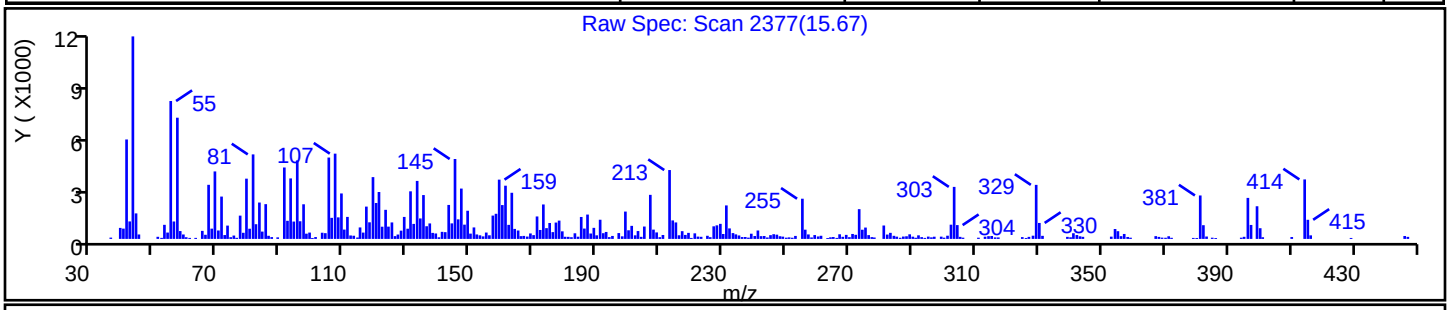
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

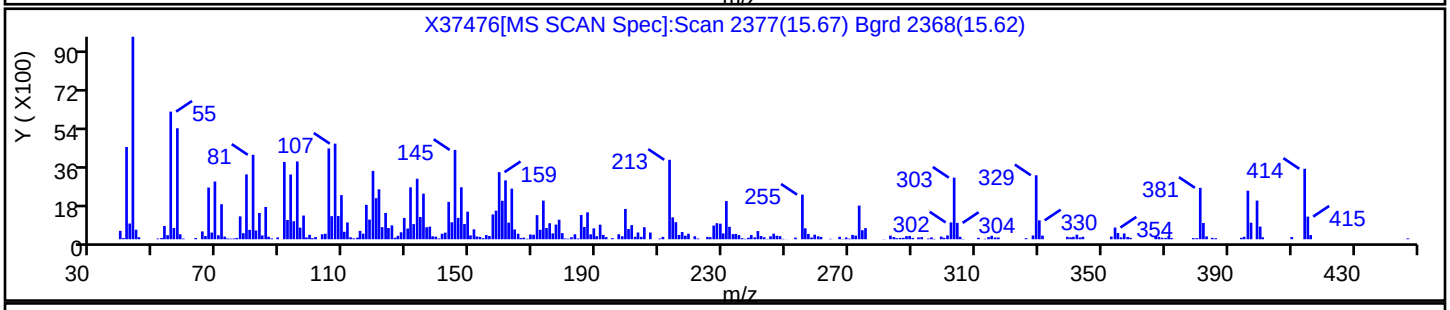
Injection Vol: 1.0 ul Dil. Factor: 1.0000

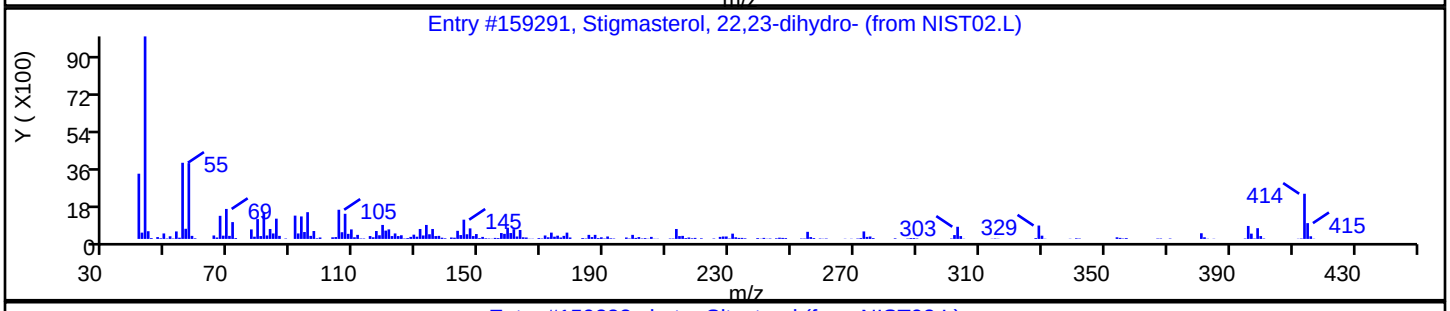
Method: 8270_5R Limit Group: SV 8270E ICAL

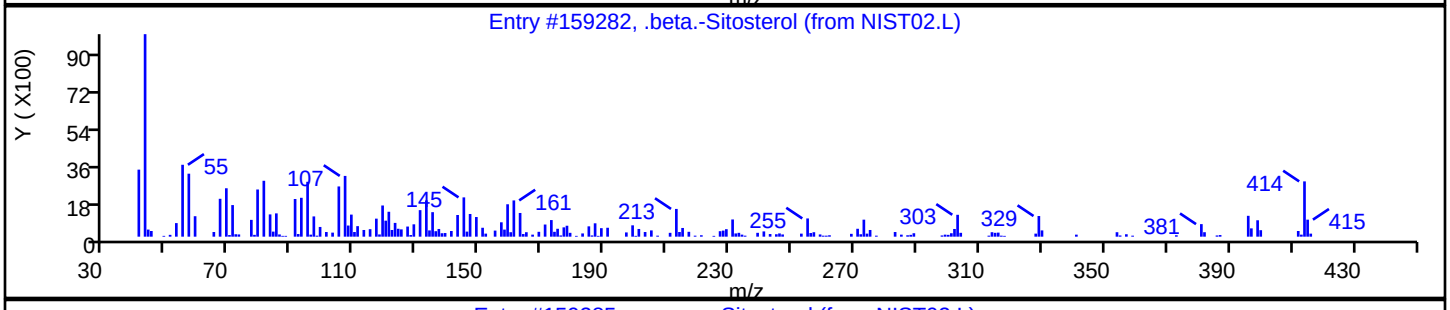
Column: Detector MS SCAN

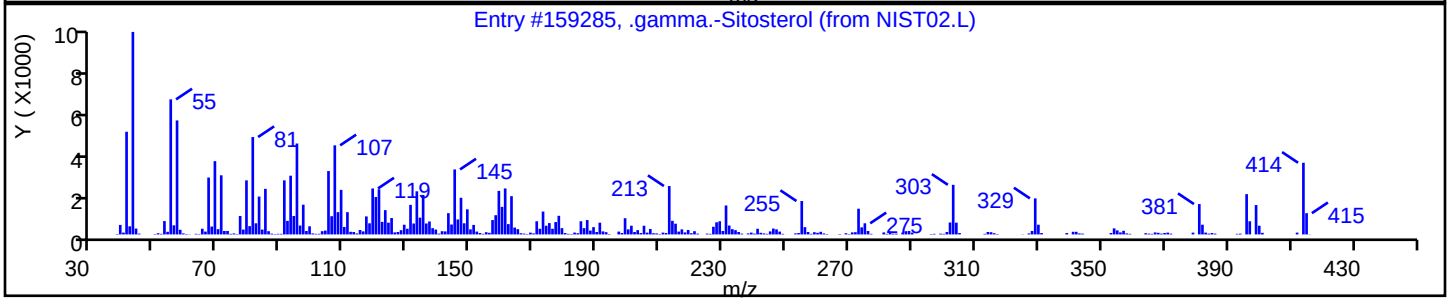
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.L	159291	C29H50O	414	96
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	95
.gamma.-Sitosterol	83-47-6	NIST02.L	159285	C29H50O	414	92







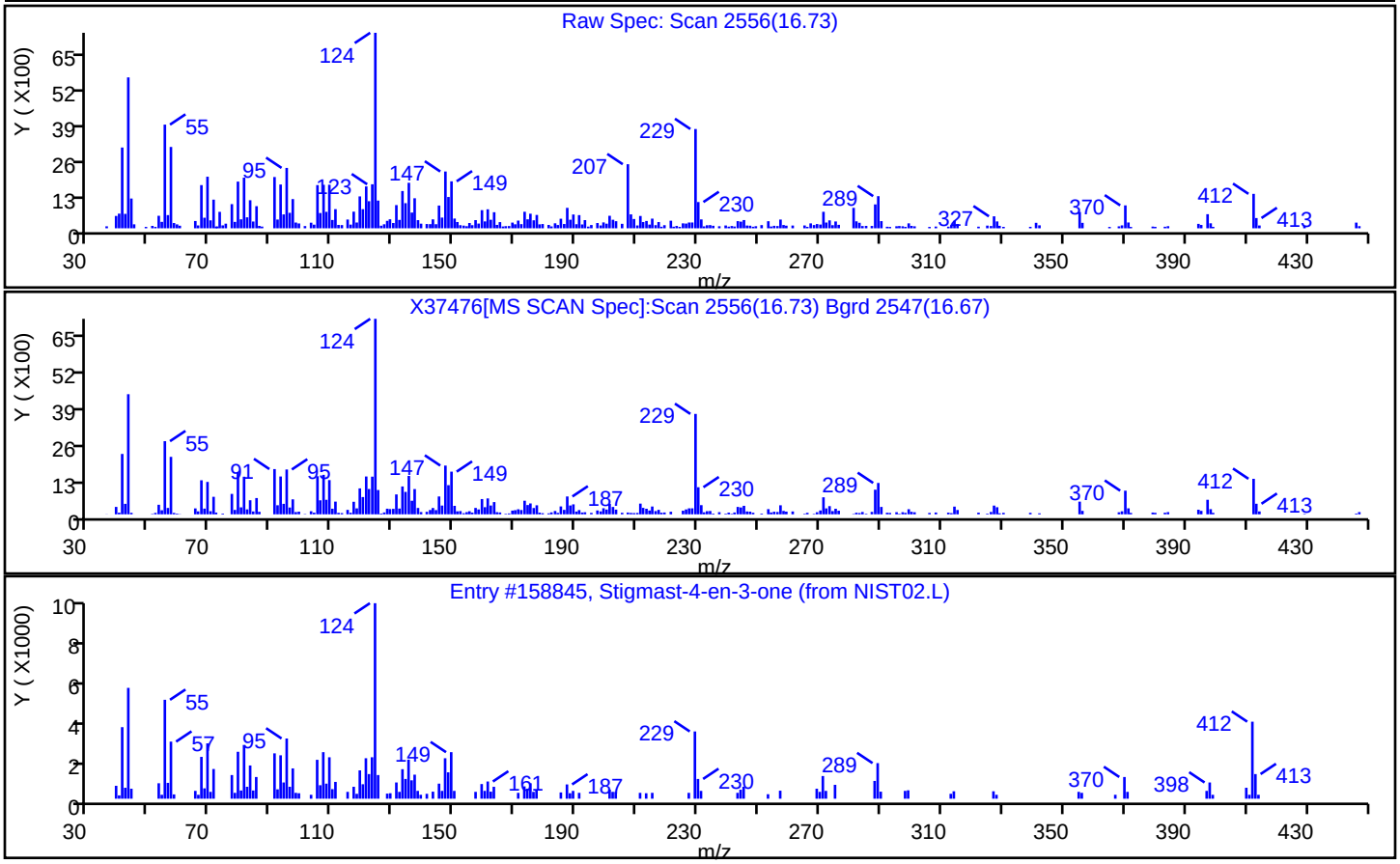




Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37476.d		
Injection Date:	01-Nov-2021 18:36:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-3-C	Lab Sample ID:	460-246210-3
Client ID:	HA-1		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: X37477.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:10

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.015	U	0.41	0.015
95-57-8	2-Chlorophenol	0.015	U	0.41	0.015
95-48-7	2-Methylphenol	0.015	U	0.41	0.015
106-44-5	4-Methylphenol	0.026	U	0.41	0.026
88-75-5	2-Nitrophenol	0.042	U	0.41	0.042
105-67-9	2,4-Dimethylphenol	0.018	U	0.41	0.018
120-83-2	2,4-Dichlorophenol	0.027	U	0.17	0.027
59-50-7	4-Chloro-3-methylphenol	0.023	U	0.41	0.023
88-06-2	2,4,6-Trichlorophenol	0.053	U	0.17	0.053
95-95-4	2,4,5-Trichlorophenol	0.042	U	0.41	0.042
121-14-2	2,4-Dinitrotoluene	0.045	U	0.084	0.045
100-02-7	4-Nitrophenol	0.068	U	0.84	0.068
534-52-1	4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17
87-86-5	Pentachlorophenol	0.085	U	0.33	0.085
111-44-4	Bis(2-chloroethyl)ether	0.014	U	0.041	0.014
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.41	0.0055
106-46-7	1,4-Dichlorobenzene	0.016	U	0.41	0.016
95-50-1	1,2-Dichlorobenzene	0.0071	U	0.41	0.0071
621-64-7	N-Nitrosodi-n-propylamine	0.030	U	0.041	0.030
67-72-1	Hexachloroethane	0.014	U	0.041	0.014
98-95-3	Nitrobenzene	0.010	U	0.041	0.010
78-59-1	Isophorone	0.12	U	0.17	0.12
120-82-1	1,2,4-Trichlorobenzene	0.011	U	0.041	0.011
91-20-3	Naphthalene	0.028	J	0.41	0.0072
87-68-3	Hexachlorobutadiene	0.0088	U	0.084	0.0088
91-57-6	2-Methylnaphthalene	0.012	U	0.41	0.012
77-47-4	Hexachlorocyclopentadiene	0.036	U	0.41	0.036
91-58-7	2-Chloronaphthalene	0.019	U	0.41	0.019
88-74-4	2-Nitroaniline	0.015	U	0.41	0.015
131-11-3	Dimethyl phthalate	0.094	U	0.41	0.094
208-96-8	Acenaphthylene	0.0055	J	0.41	0.0042
606-20-2	2,6-Dinitrotoluene	0.030	U	0.084	0.030
99-09-2	3-Nitroaniline	0.047	U	0.41	0.047
83-32-9	Acenaphthene	0.012	U	0.41	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: X37477.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:10

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0067	J	0.41	0.0058
51-28-5	2,4-Dinitrophenol	0.20	U	0.33	0.20
84-66-2	Diethyl phthalate	0.0060	U	0.41	0.0060
7005-72-3	4-Chlorophenyl phenyl ether	0.015	U	0.41	0.015
86-73-7	Fluorene	0.0056	U	0.41	0.0056
100-01-6	4-Nitroaniline	0.048	U	0.41	0.048
86-30-6	N-Nitrosodiphenylamine	0.034	U	0.41	0.034
101-55-3	4-Bromophenyl phenyl ether	0.016	U	0.41	0.016
118-74-1	Hexachlorobenzene	0.020	U	0.041	0.020
85-01-8	Phenanthrene	0.086	J	0.41	0.0073
120-12-7	Anthracene	0.013	U	0.41	0.013
86-74-8	Carbazole	0.016	U	0.41	0.016
84-74-2	Di-n-butyl phthalate	0.016	U	0.41	0.016
206-44-0	Fluoranthene	0.15	J	0.41	0.014
129-00-0	Pyrene	0.14	J	0.41	0.010
85-68-7	Butyl benzyl phthalate	0.019	U	0.41	0.019
56-55-3	Benzo[a]anthracene	0.083		0.041	0.014
218-01-9	Chrysene	0.087	J	0.41	0.0070
117-81-7	Bis(2-ethylhexyl) phthalate	0.13	J	0.41	0.022
117-84-0	Di-n-octyl phthalate	0.022	U	0.41	0.022
205-99-2	Benzo[b]fluoranthene	0.13		0.041	0.011
207-08-9	Benzo[k]fluoranthene	0.044		0.041	0.0081
50-32-8	Benzo[a]pyrene	0.075		0.041	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.067		0.041	0.016
53-70-3	Dibenz(a,h)anthracene	0.027	J	0.041	0.018
191-24-2	Benzo[g,h,i]perylene	0.062	J	0.41	0.012
108-60-1	2,2'-oxybis[1-chloropropane]	0.0075	U	0.41	0.0075
91-94-1	3,3'-Dichlorobenzidine	0.063	U	0.17	0.063
111-91-1	Bis(2-chloroethoxy)methane	0.032	U	0.41	0.032

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: X37477.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:10

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	63		11-104
4165-62-2	Phenol-d5	71		15-100
1718-51-0	Terphenyl-d14	79		12-126
118-79-6	2,4,6-Tribromophenol	80		10-123
367-12-4	2-Fluorophenol	74		10-105
321-60-8	2-Fluorobiphenyl	71		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: X37477.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:10

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 18:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 17 TIC Result Total: 18.31

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	3.08	0.91	J	
	Aldol condensation product	3.13	1.8	A J	
57-10-3	n-Hexadecanoic acid	9.32	0.62	J N	95%
1000155-82-2	Bicyclo[10.8.0]eicosane, cis-	11.05	0.46	J N	97%
77899-03-7	1-Heneicosyl formate	11.29	0.54	J N	94%
2765-11-9	Pentadecanal-	11.86	0.34	J N	91%
	Unknown	12.14	0.85	J	
506-52-5	1-Hexacosanol	13.10	2.9	J N	91%
	Unknown	13.49	0.48	J	
67860-04-2	Oxirane, heptadecyl-	13.82	1.0	J N	93%
630-02-4	Octacosane	14.11	1.3	J N	91%
1599-67-3	1-Docosene	14.15	2.2	J N	97%
17600-99-6	2-Nonacosanone	14.23	0.37	J N	87%
83-48-7	Stigmasterol	15.24	0.57	J N	96%
	Unknown	15.32	0.43	J	
83-46-5	.beta.-Sitosterol	15.67	2.6	J N	97%
1058-61-3	Stigmast-4-en-3-one	16.73	0.94	J N	83%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Lims ID: 460-246210-F-4-C
Client ID: HA-2
Sample Type: Client
Inject. Date: 01-Nov-2021 18:59:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:10:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.299	3.287	0.012	92	69273	36.9	
$ 6 Phenol-d5	99	4.181	4.169	0.012	96	80952	35.4	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	55210	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	92	68192	31.4	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	214143	40.0	
39 Naphthalene	128	5.746	5.751	-0.005	25	1855	0.3396	
$ 51 2-Fluorobiphenyl	172	6.745	6.751	-0.006	97	161156	35.3	
61 Acenaphthylene	152	7.251	7.251	0.000	42	386	0.0662	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	97	124200	40.0	
71 Dibenzofuran	168	7.575	7.581	-0.006	43	408	0.0803	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	89	39647	40.1	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	237987	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	74	6363	1.03	
93 Fluoranthene	202	9.928	9.928	0.000	98	12199	1.76	
95 Pyrene	202	10.139	10.139	0.000	97	10811	1.69	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	222833	39.4	
101 Benzo[a]anthracene	228	11.404	11.410	-0.006	50	6378	0.9878	
* 102 Chrysene-d12	240	11.416	11.422	-0.006	99	207080	40.0	
103 Chrysene	228	11.445	11.433	-0.006	72	6305	1.04	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	61	6133	1.54	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	58	9921	1.57	
107 Benzo[k]fluoranthene	252	12.822	12.839	-0.017	1	3403	0.5241	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	94	5385	0.8953	
* 109 Perylene-d12	264	13.339	13.339	0.000	99	221387	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.933	-0.012	97	5029	0.8032	
111 Dibenz(a,h)anthracene	278	14.963	14.974	-0.011	8	2080	0.3191	
112 Benzo[g,h,i]perylene	276	15.368	15.386	-0.018	87	5051	0.7444	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Lims ID: 460-246210-F-4-C
Client ID: HA-2
Sample Type: Client
Inject. Date: 01-Nov-2021 18:59:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:10:47

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
3.075	89224	10.9	14					
		Aldol condensation product						
3.134	180515	22.0	14	0	0		0	
57-10-3		n-Hexadecanoic acid						
9.316	131571	7.44	88	95	92228	C16H32O2	256	
1000155-82-2		Bicyclo[10.8.0]eicosane, cis-						
11.051	89732	5.55	102	97	105310	C20H38	278	
77899-03-7		1-Heneicosyl formate						
11.292	104223	6.45	102	94	137330	C22H44O2	340	
2765-11-9		Pentadecanal-						
11.863	65349	4.04	102	91	73898	C15H30O	226	
		Unknown						
12.139	164464	10.2	102	0	0		0	
506-52-5		1-Hexacosanol						
13.104	500903	34.6	109	91	152037	C26H54O	382	
		Unknown						
13.492	82844	5.73	109					
67860-04-2		Oxirane, heptadecyl-						
13.821	172345	11.9	109	93	107629	C19H38O	282	
630-02-4		Octacosane						
14.110	221810	15.3	109	91	155178	C28H58	394	
1599-67-3		1-Docosene						
14.151	383021	26.5	109	97	121980	C22H44	308	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	17600-99-6	2-Nonacosanone						
14.233	64908	4.49	109	87	160618	C29H58O	422	
	83-48-7	Stigmasterol						
15.239	98547	6.81	109	96	158840	C29H48O	412	
		Unknown						
15.321	75118	5.19	109	0	0		0	
	83-46-5	.beta.-Sitosterol						
15.674	452279	31.3	109	97	159282	C29H50O	414	
	1058-61-3	Stigmast-4-en-3-one						
16.727	163216	11.3	109	83	158845	C29H48O	412	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	328235	40.0
* 88 Phenanthrene-d10	8.781	707052	40.0
* 102 Chrysene-d12	11.416	646402	40.0
* 109 Perylene-d12	13.339	578498	40.0

QC Flag Legend

Processing Flags

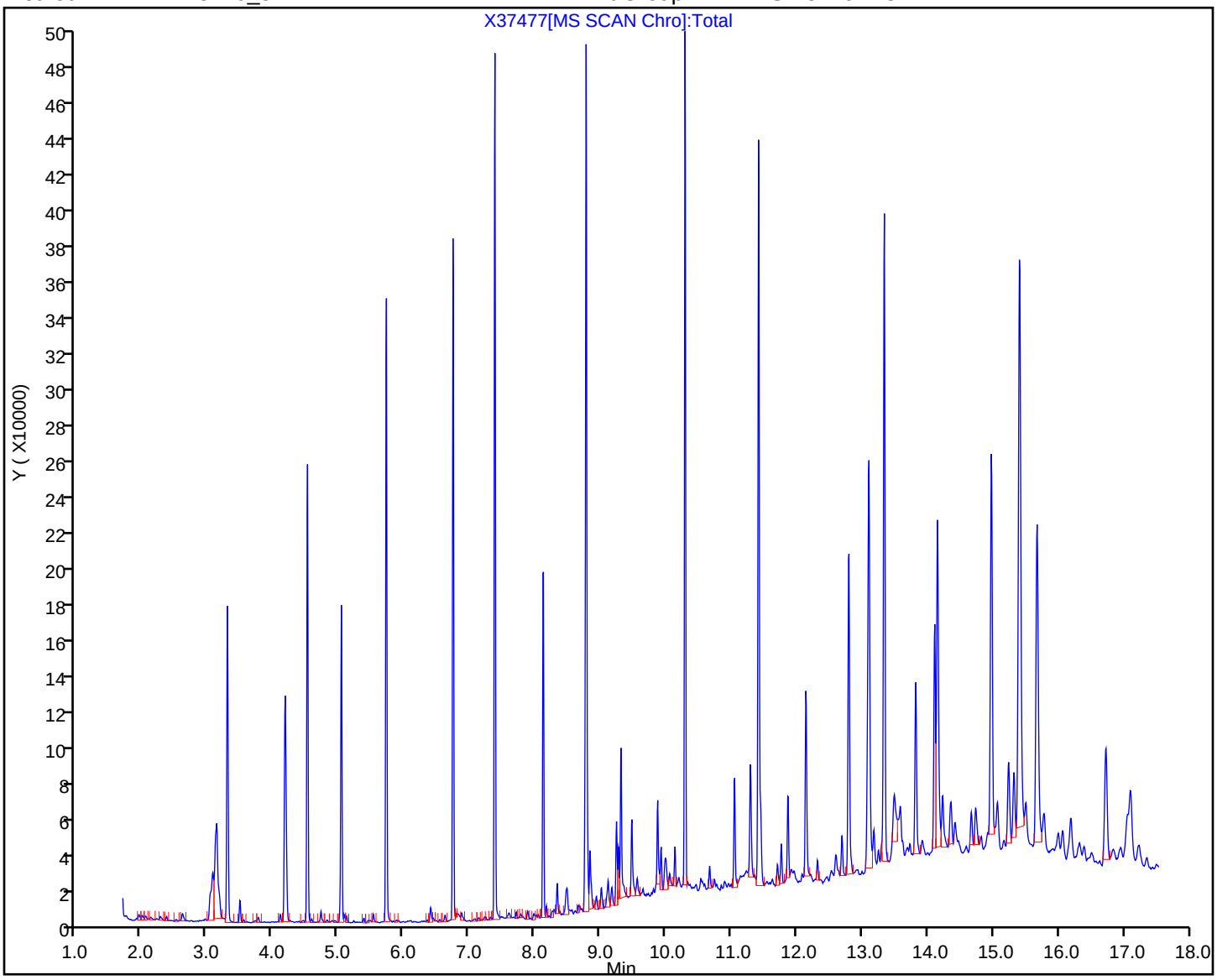
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:30:47 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

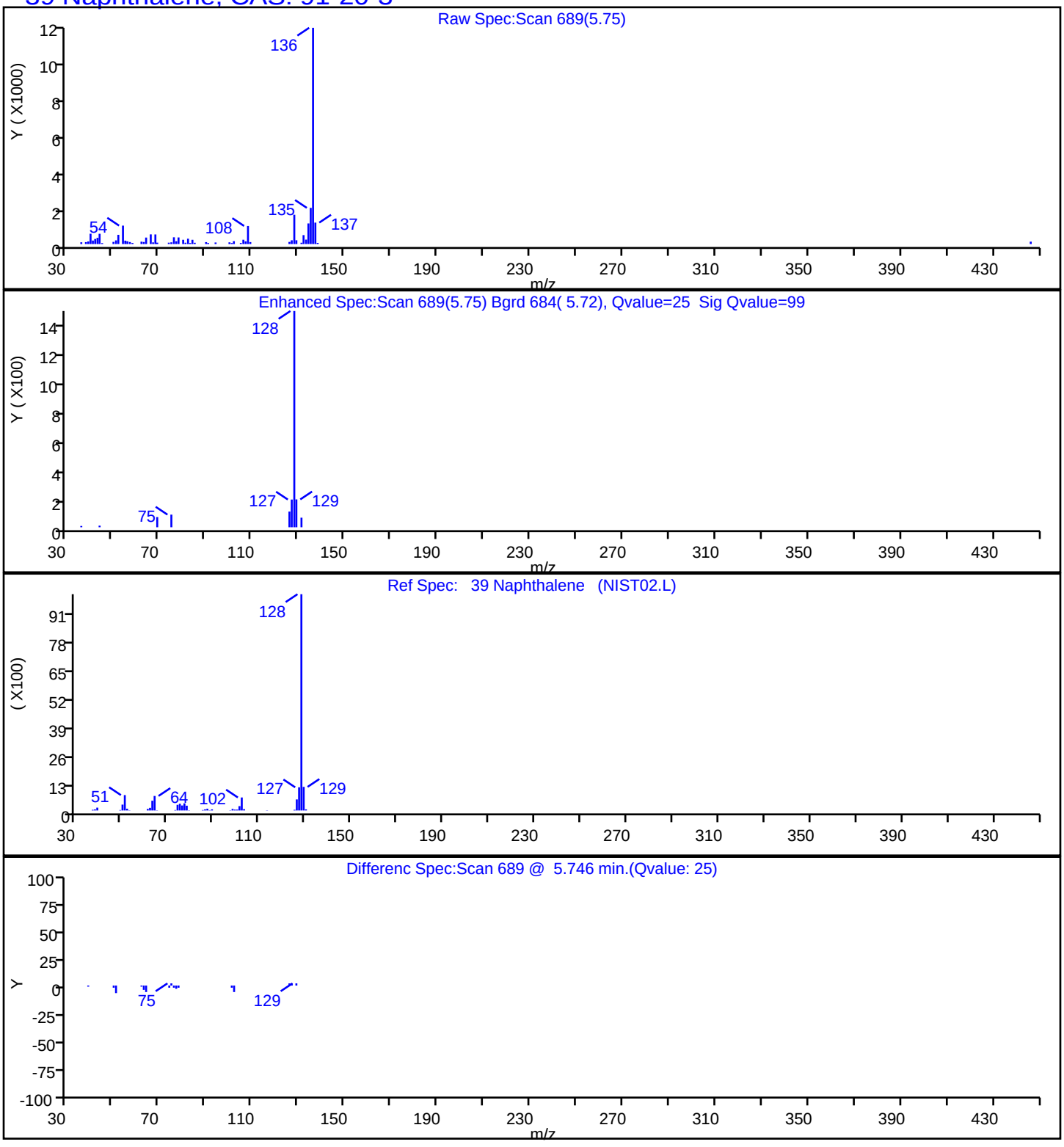
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

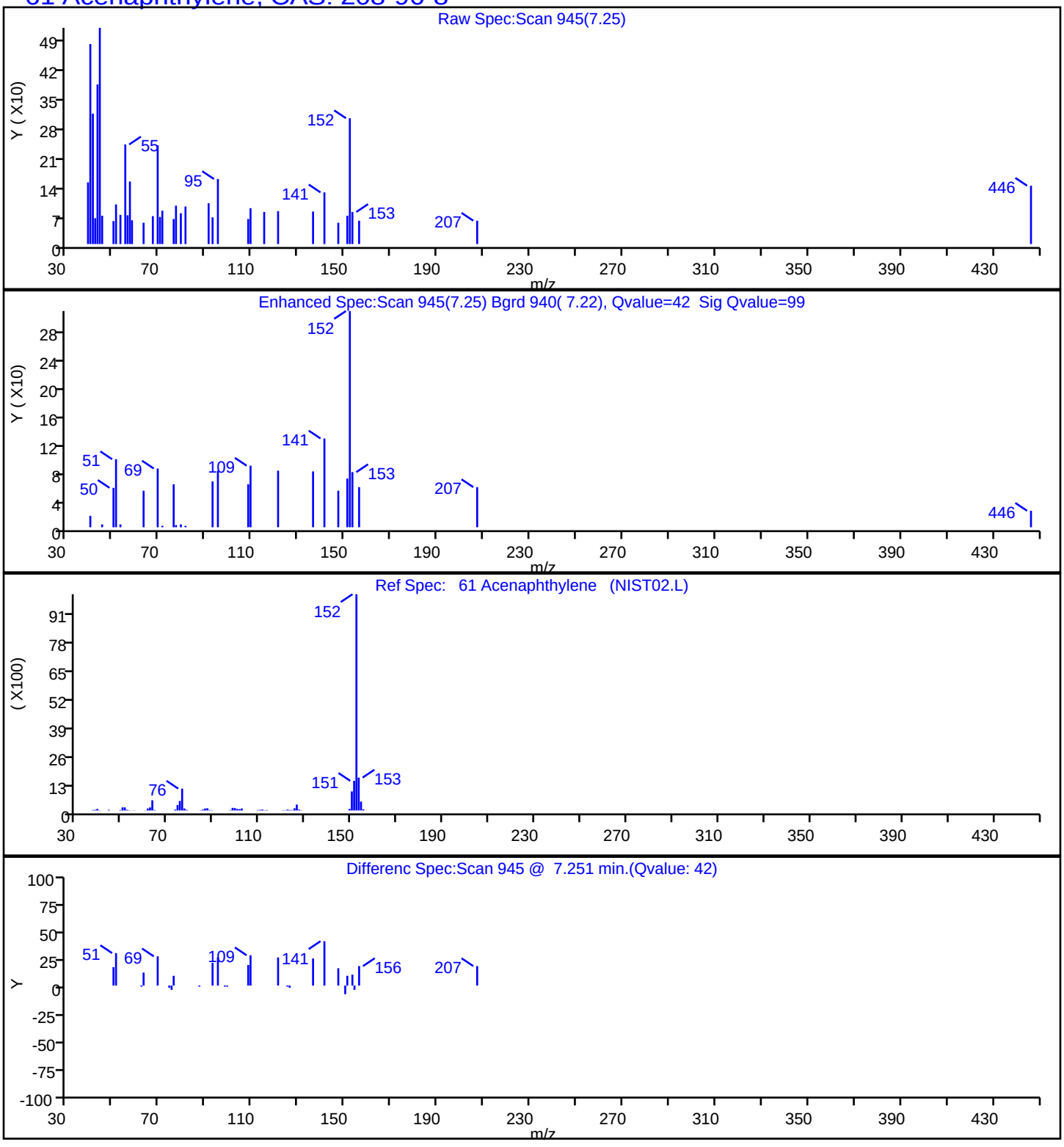
39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

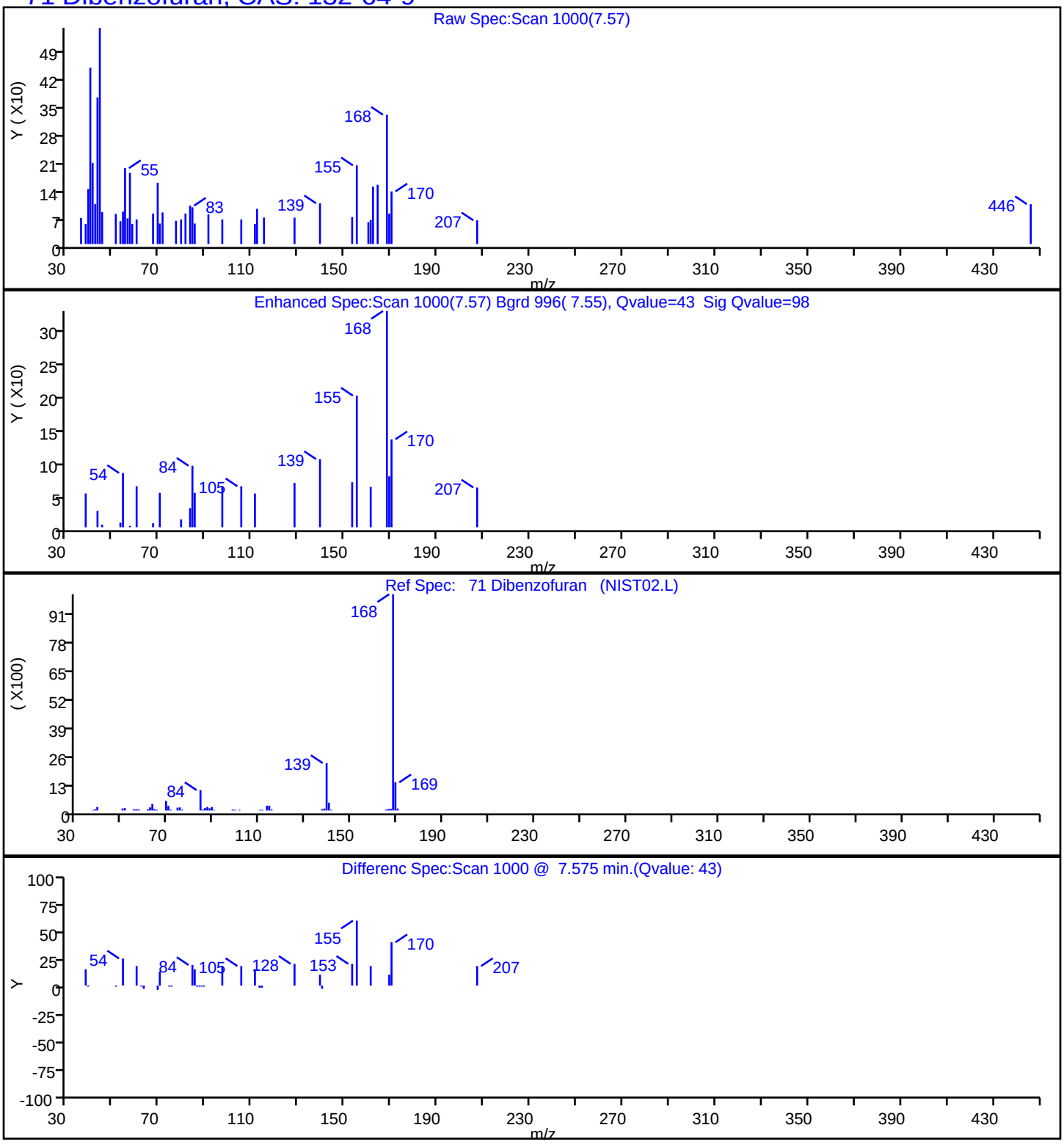
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

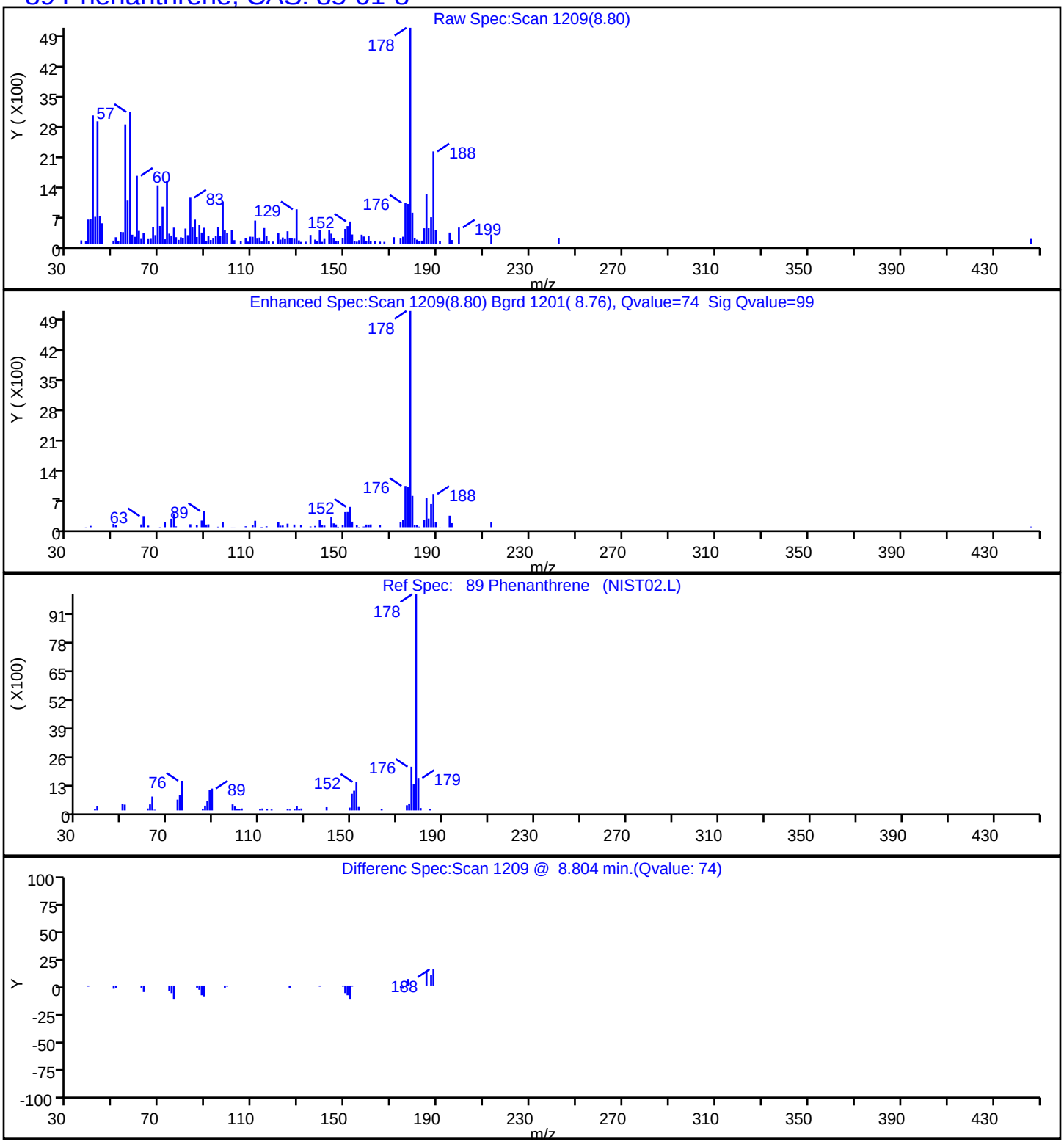
71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

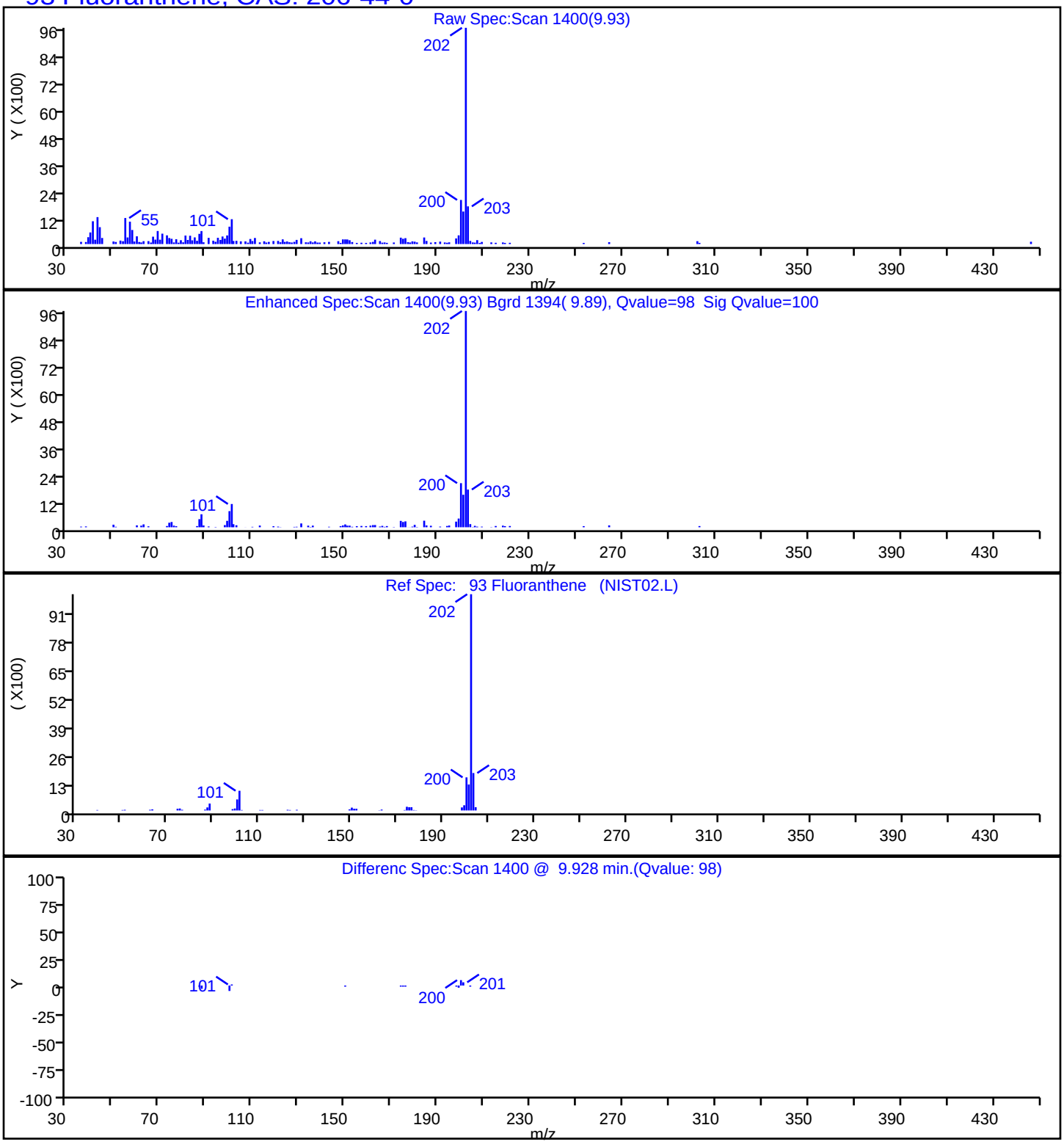
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

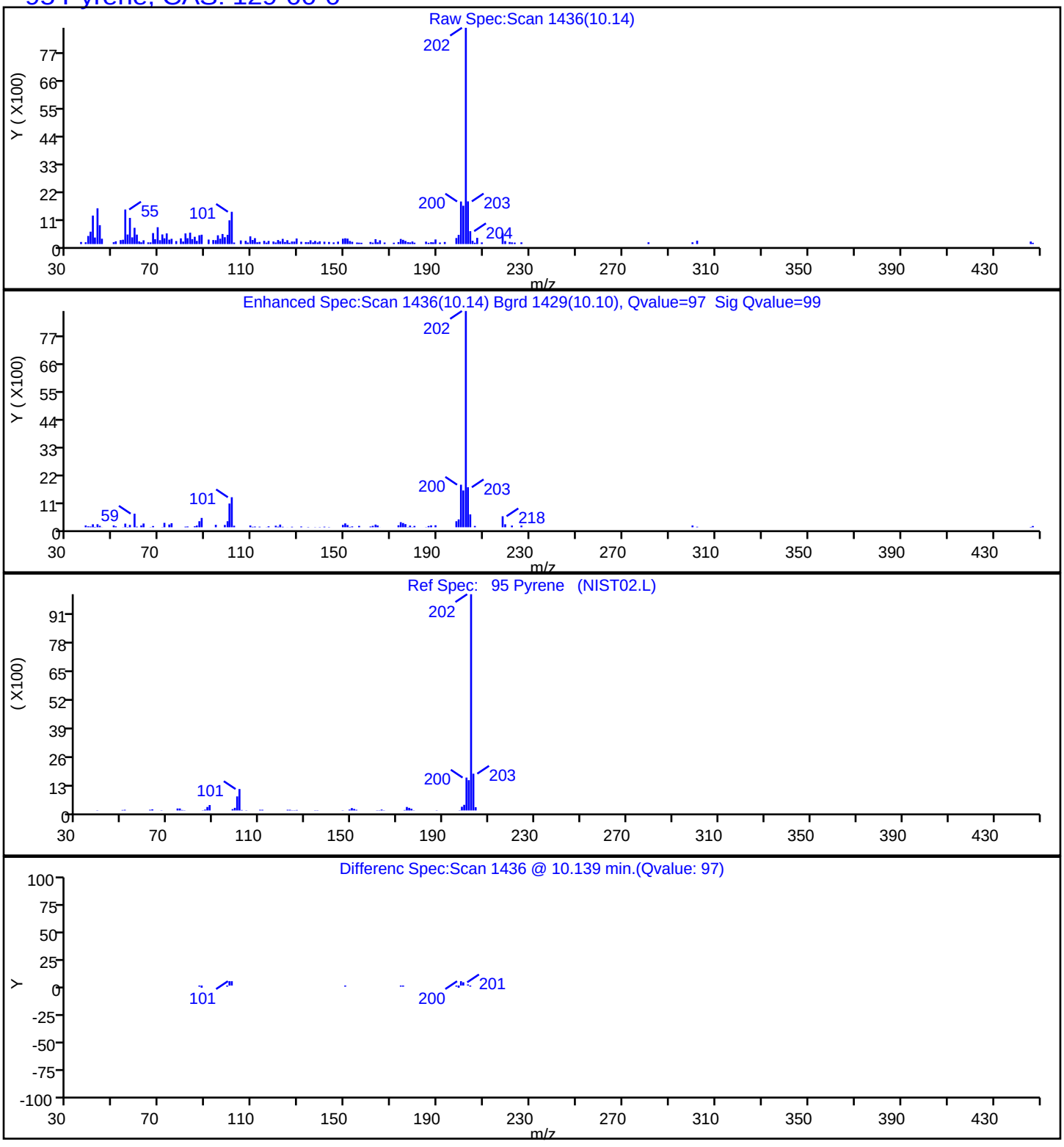
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

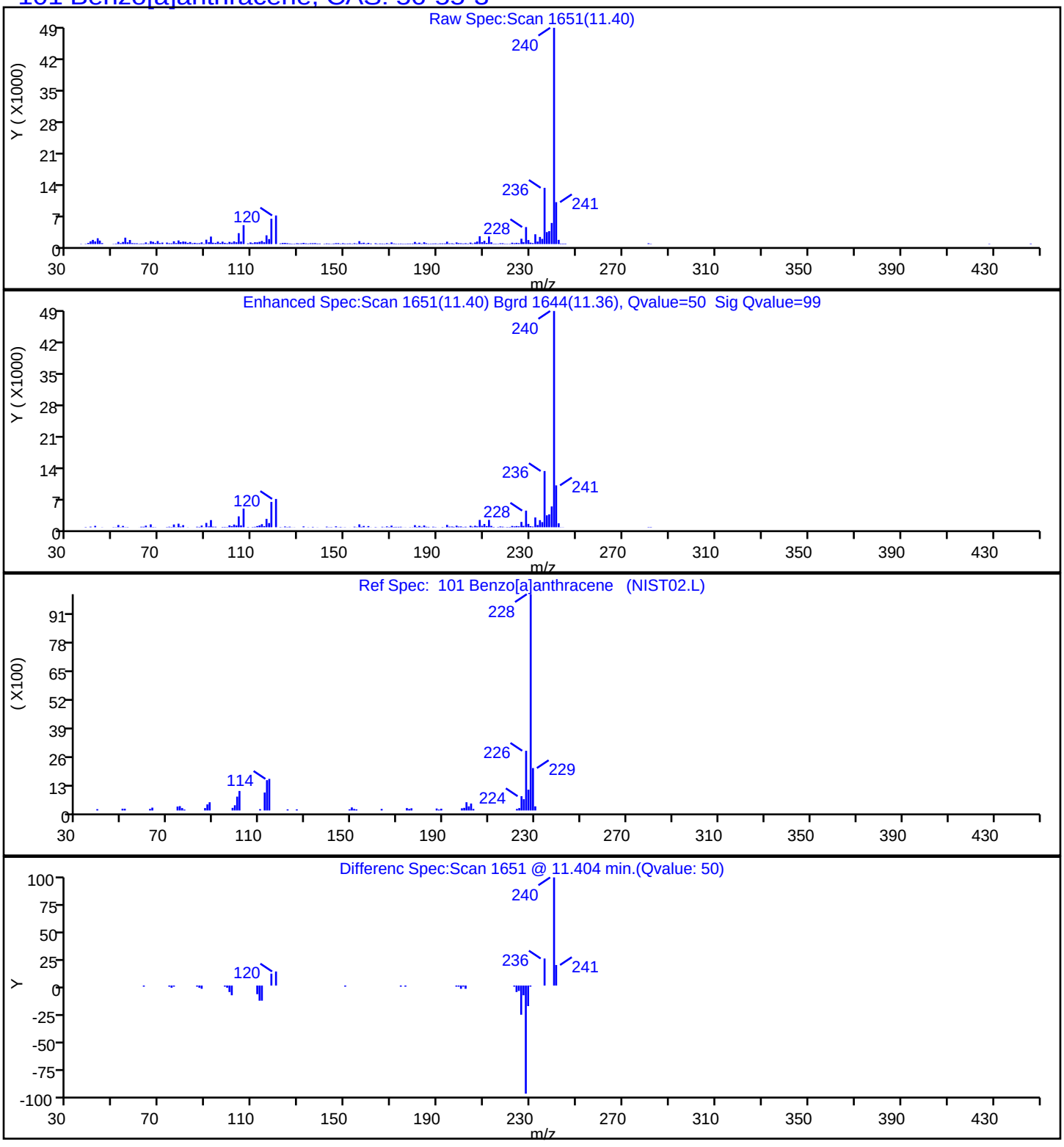
95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

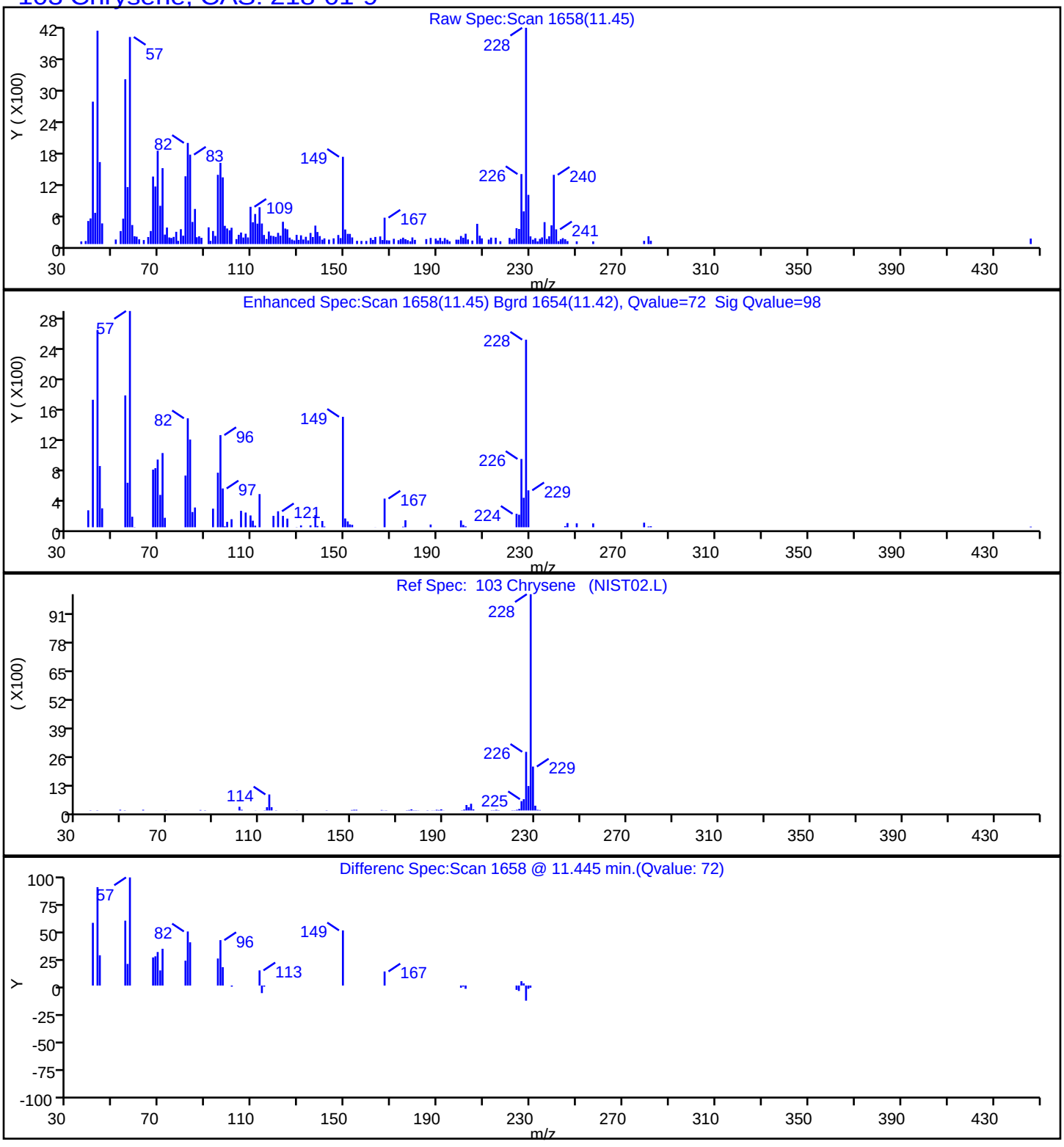
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

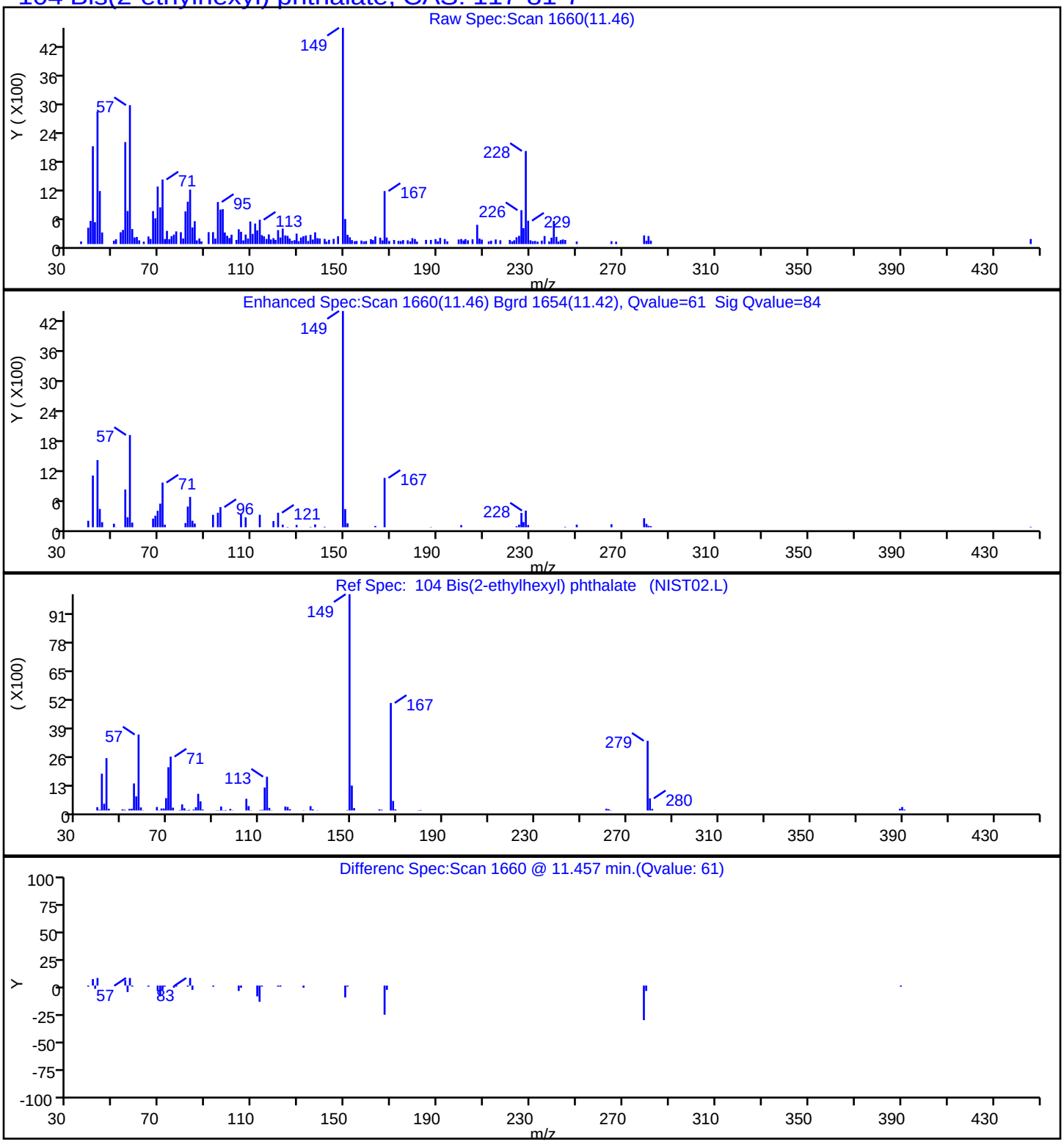
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

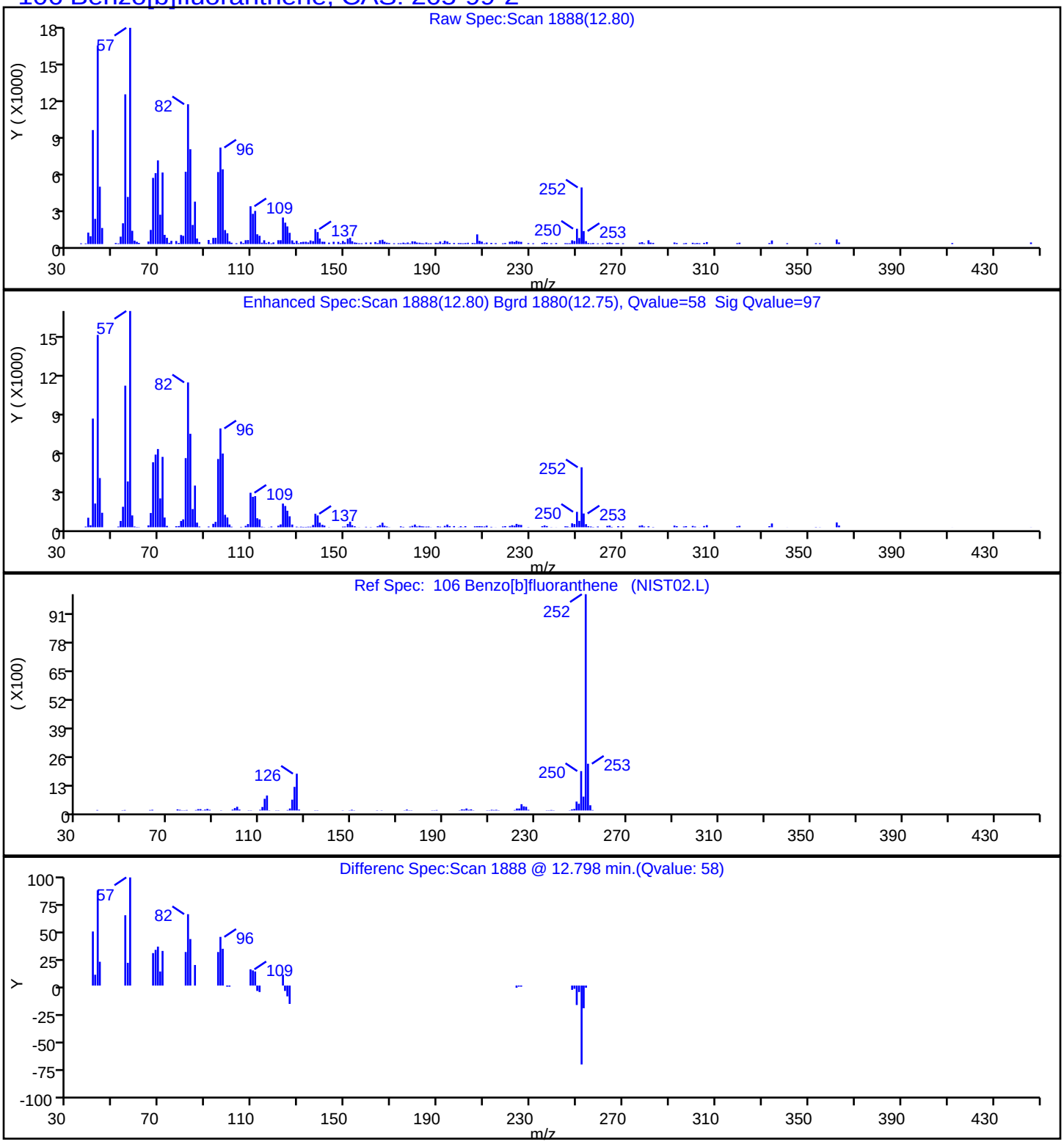
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

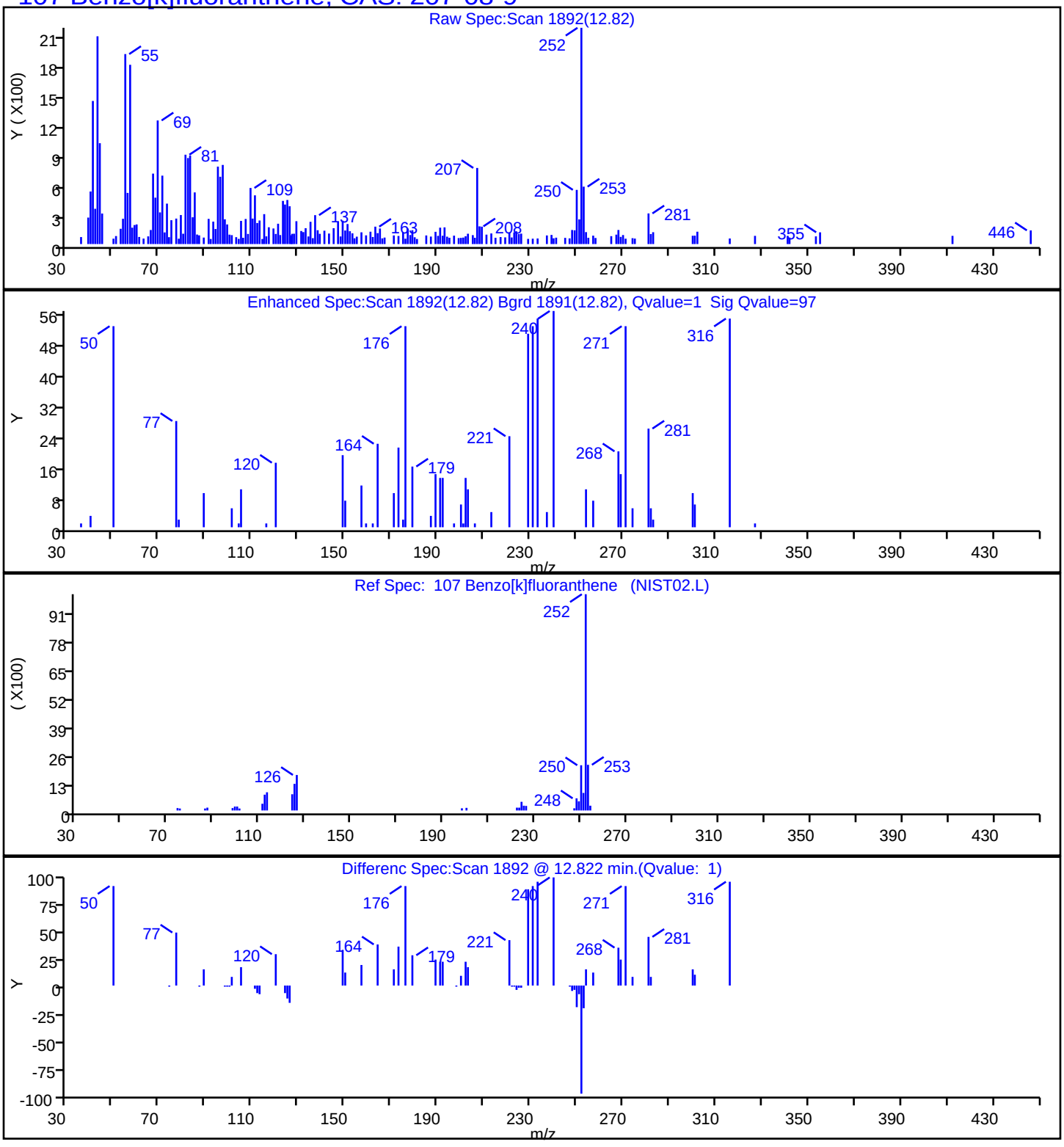
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

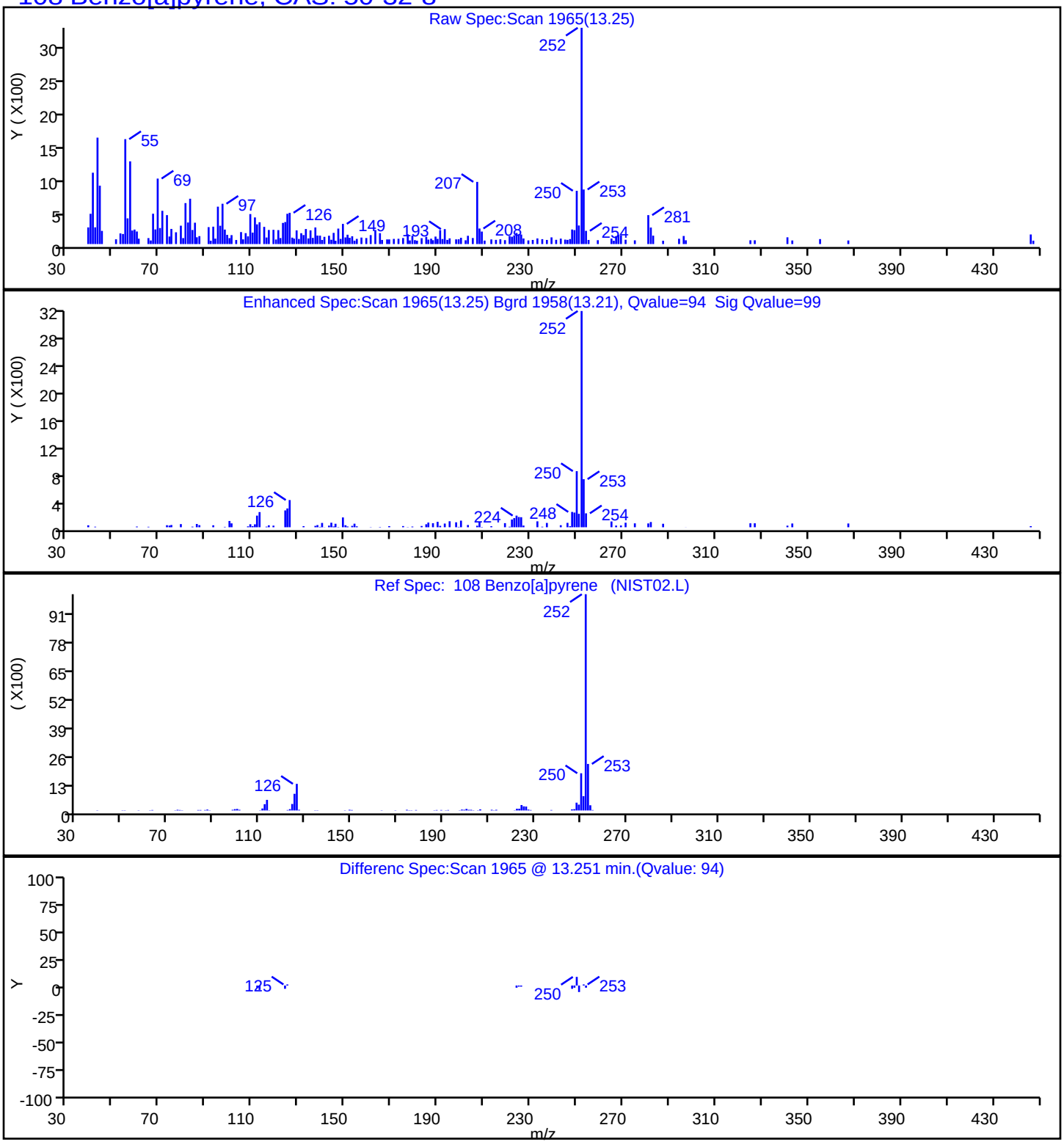
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

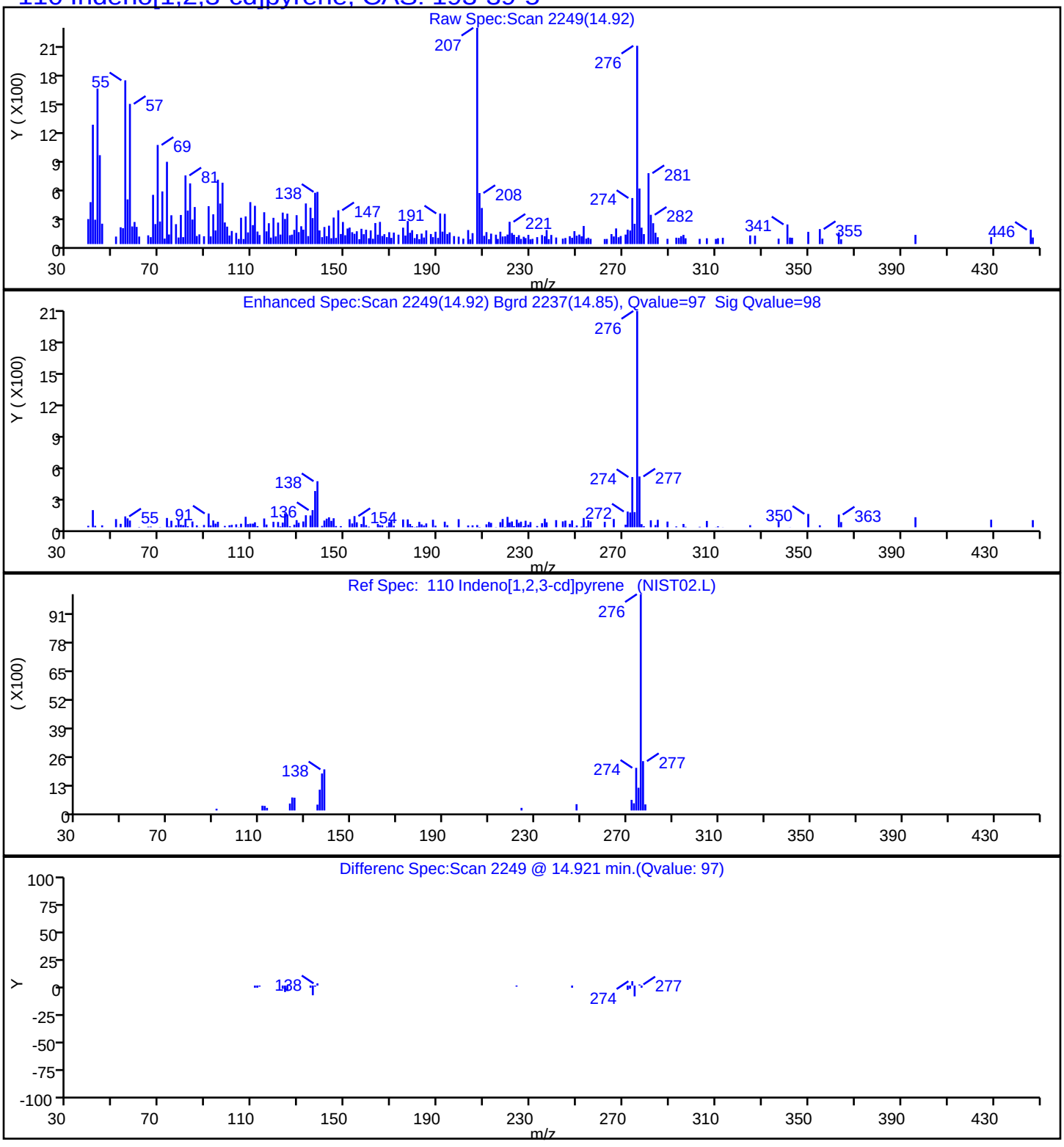
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

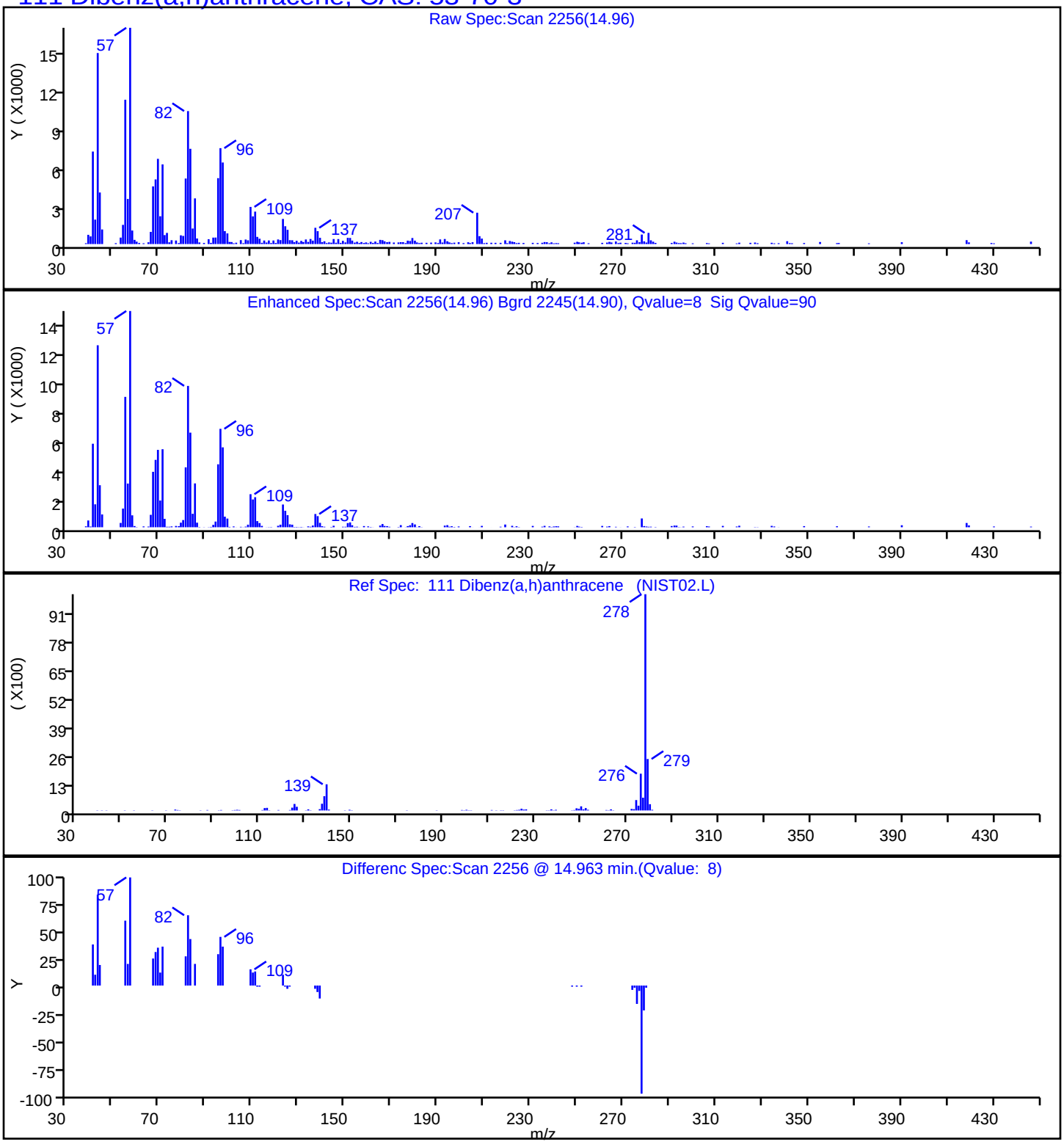
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

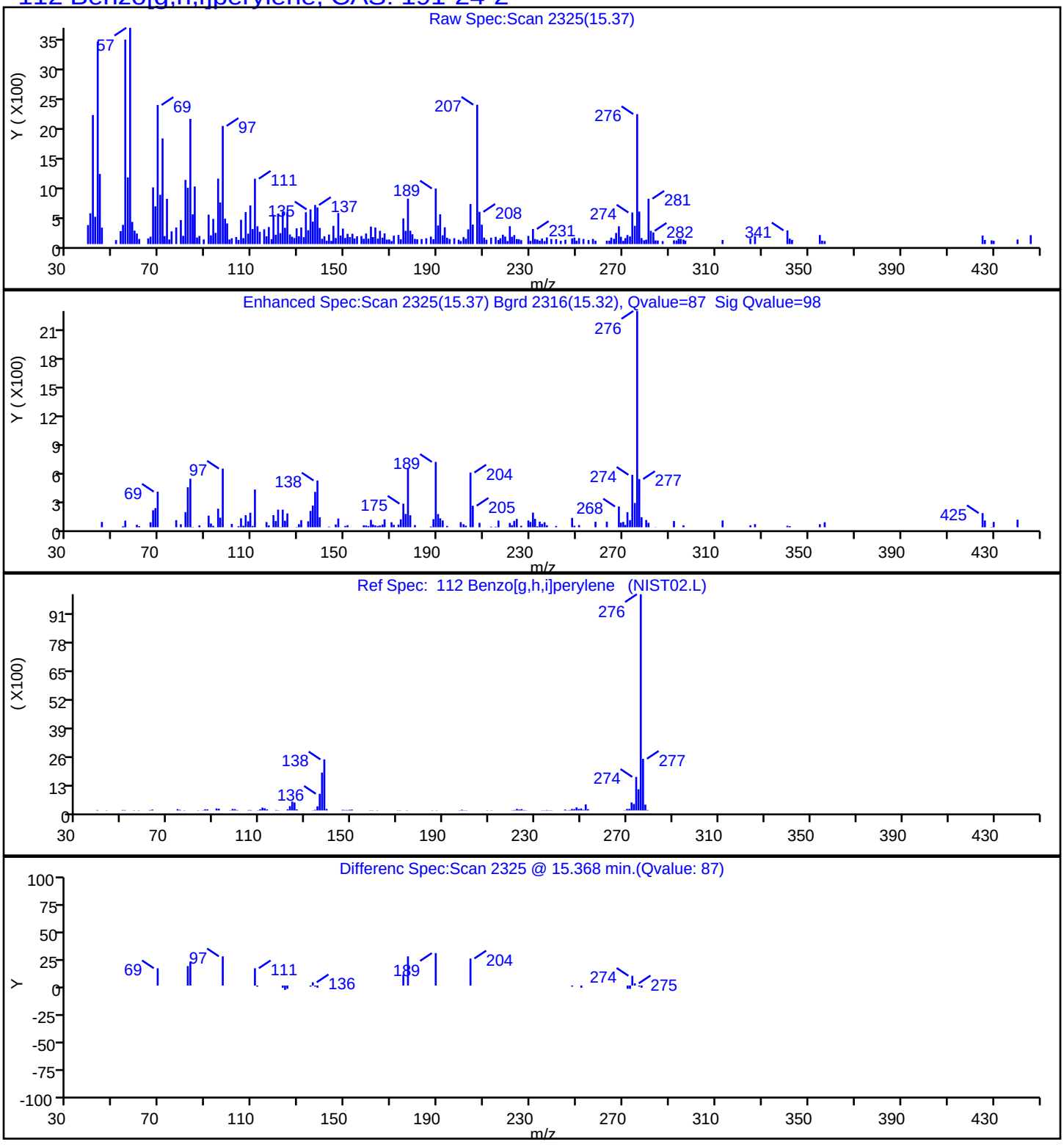
111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

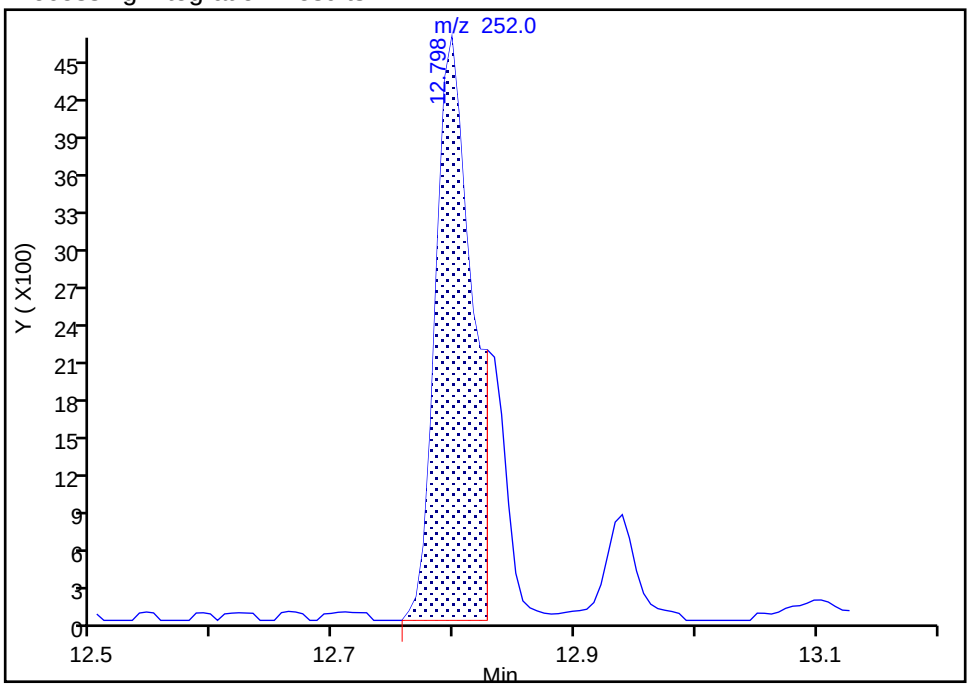
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d		
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4
Client ID:	HA-2		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

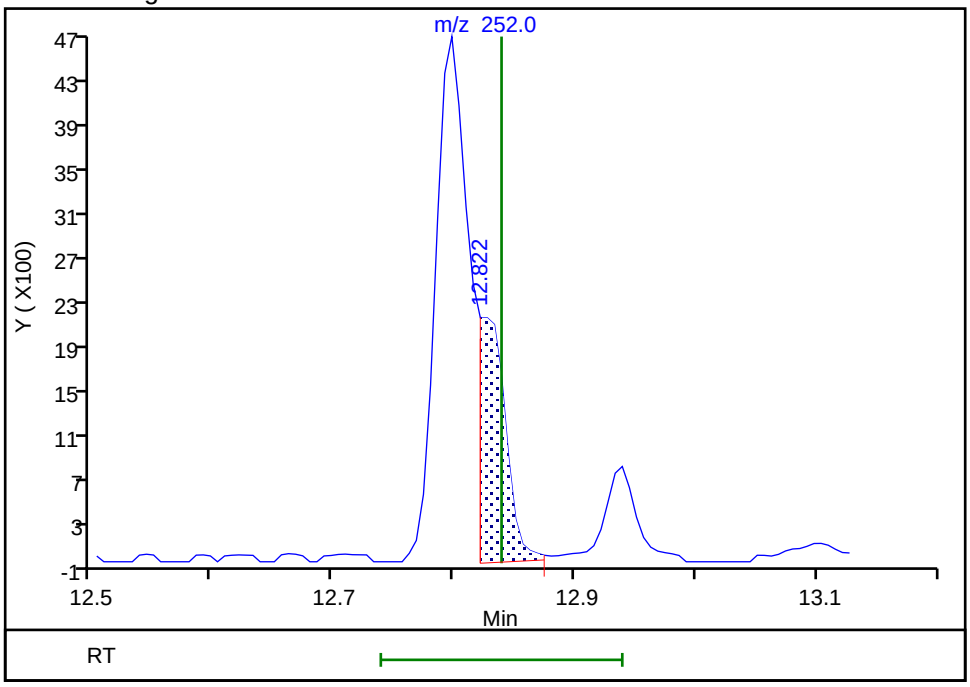
Processing Integration Results

RT: 12.80
Area: 9921
Amount: 1.528021
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 3403
Amount: 0.524126
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:09:32

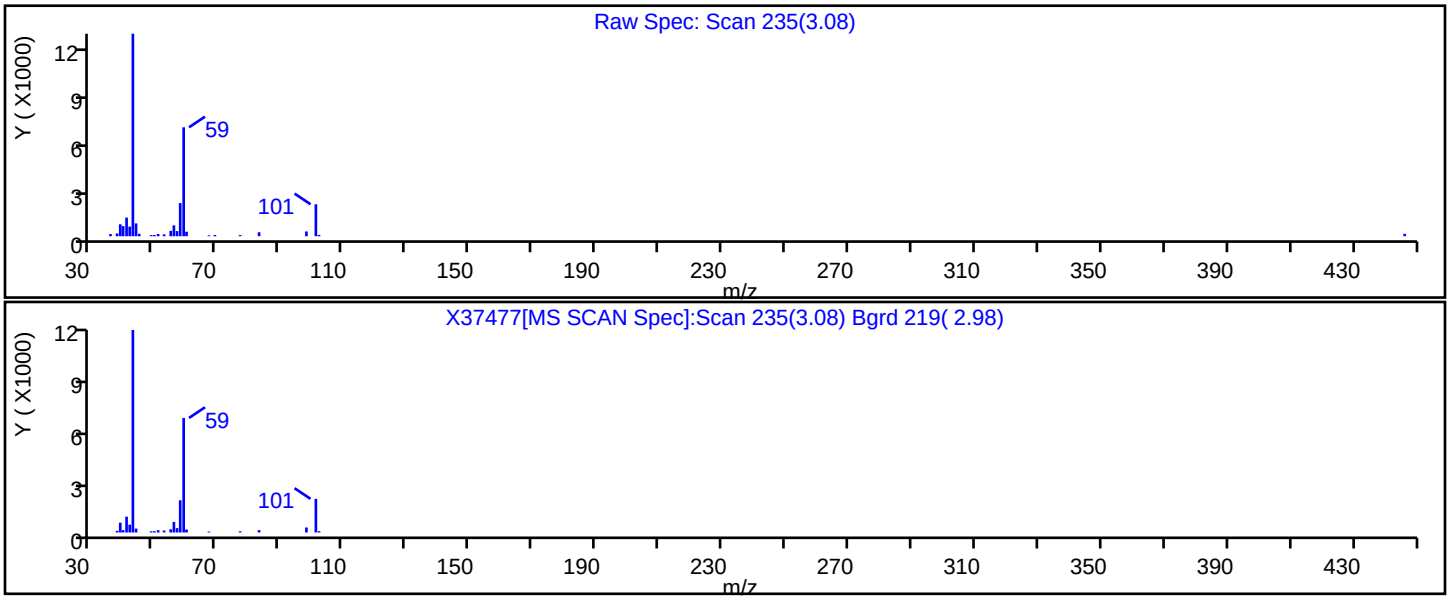
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Report Date: 02-Nov-2021 14:30:48 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



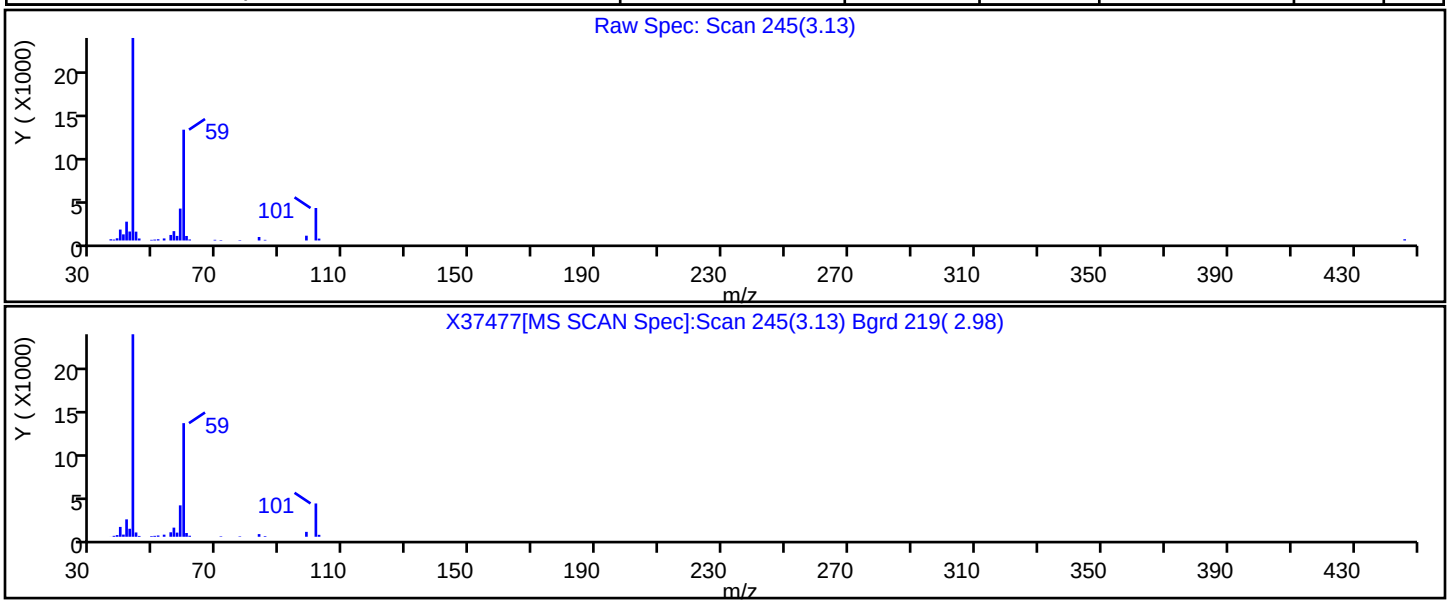
Report Date: 02-Nov-2021 14:30:48 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

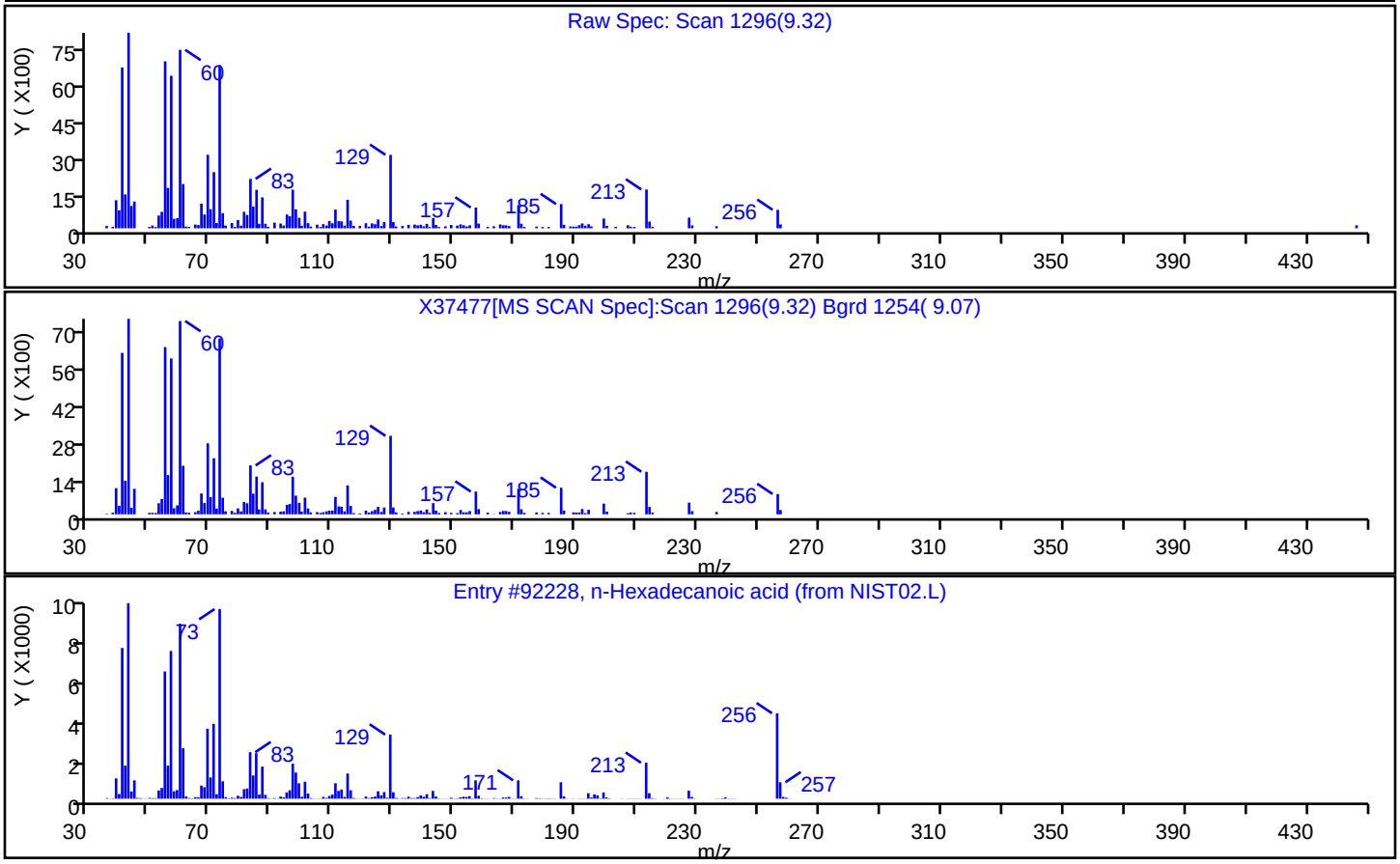
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d		
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4
Client ID:	HA-2		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

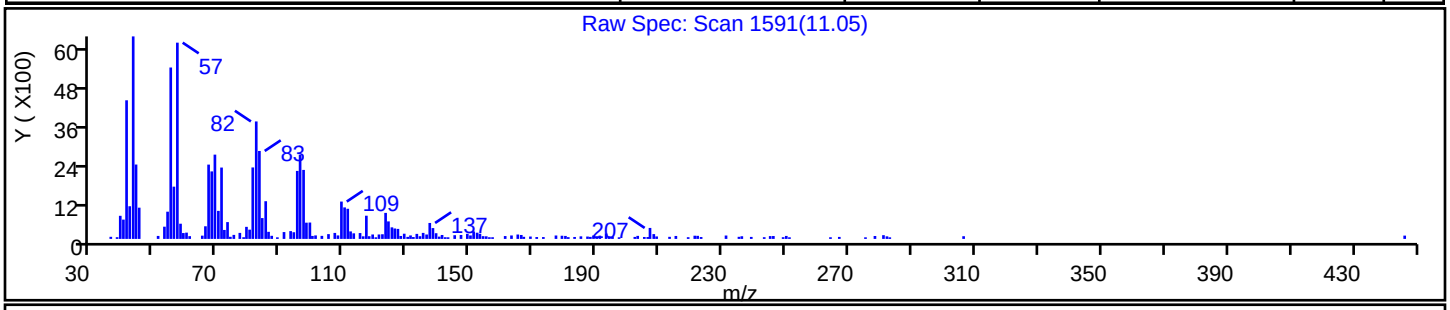
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
n-Hexadecanoic acid	57-10-3	NIST02.L	92228	C16H32O2	256	95

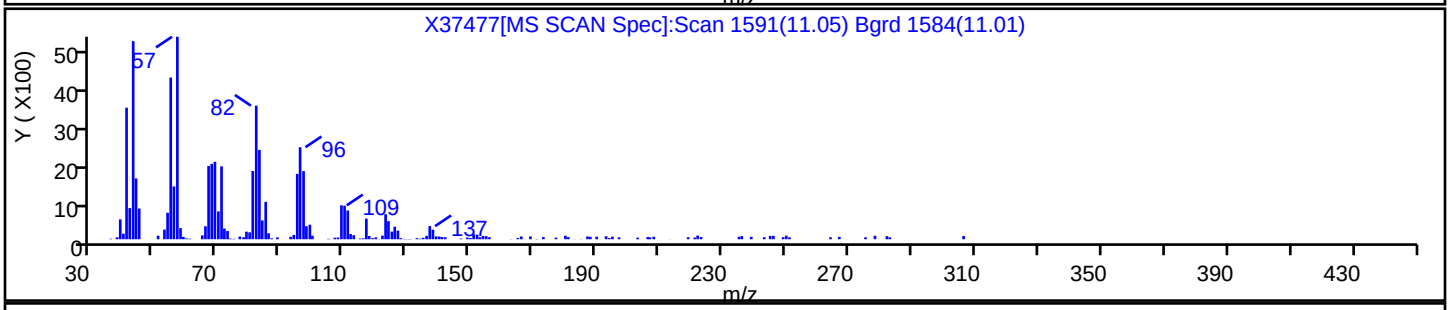


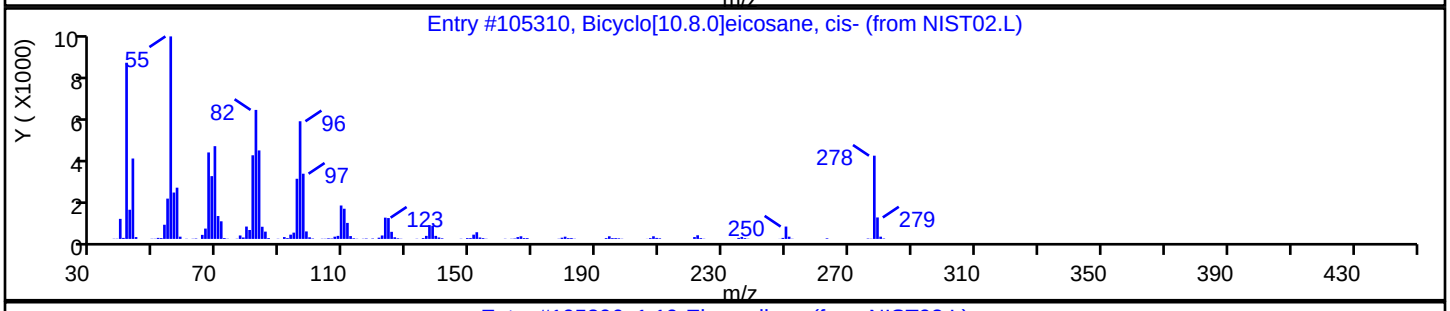
Eurofins TestAmerica, Edison

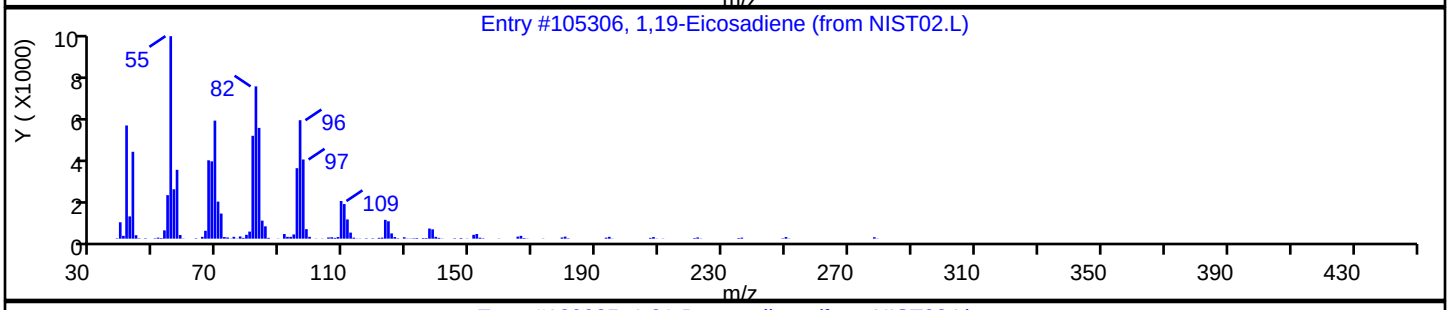
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

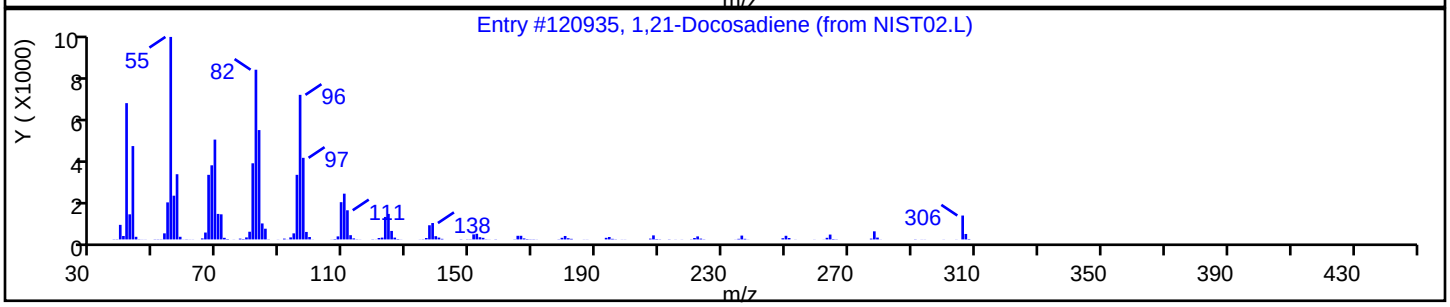
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Bicyclo[10.8.0]eicosane, cis-	1000155-82-2	NIST02.L	105310	C20H38	278	97
1,19-Eicosadiene	14811-95-1	NIST02.L	105306	C20H38	278	97
1,21-Docosadiene	53057-53-7	NIST02.L	120935	C22H42	306	96











Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4

Client ID: HA-2

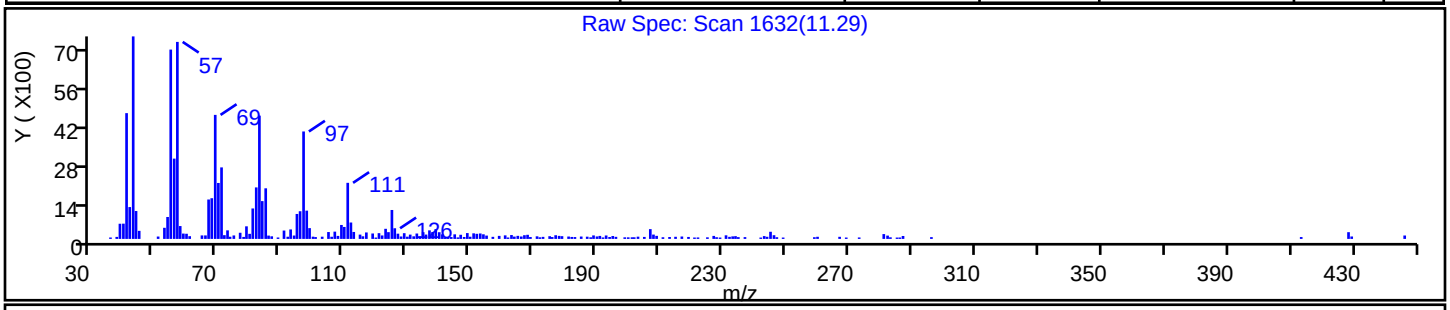
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

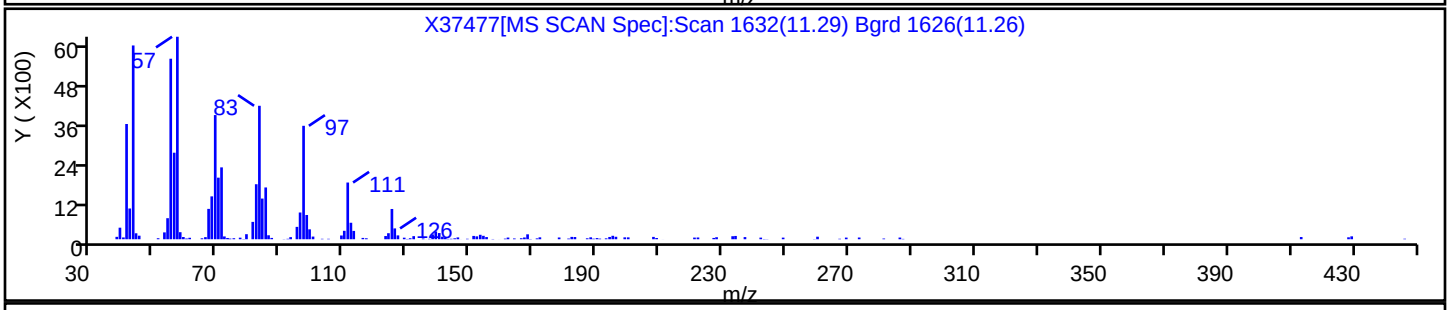
Injection Vol: 1.0 ul Dil. Factor: 1.0000

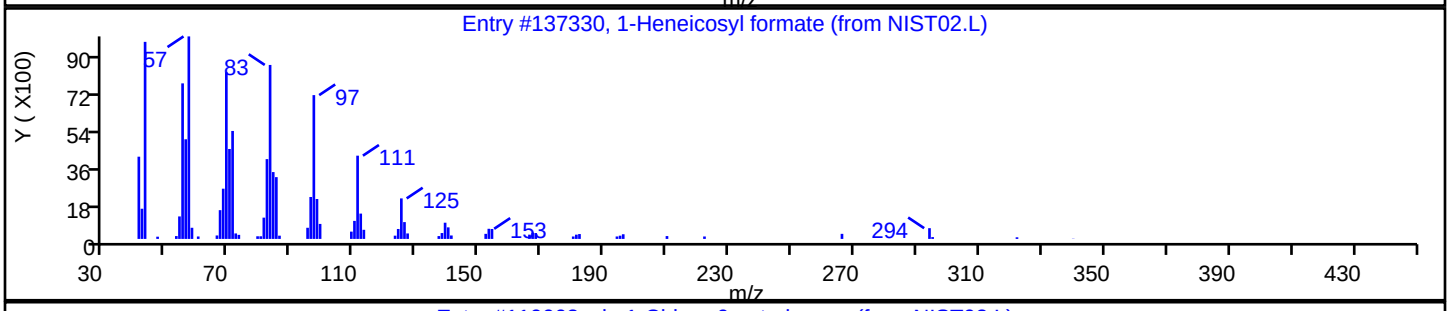
Method: 8270_5R Limit Group: SV 8270E ICAL

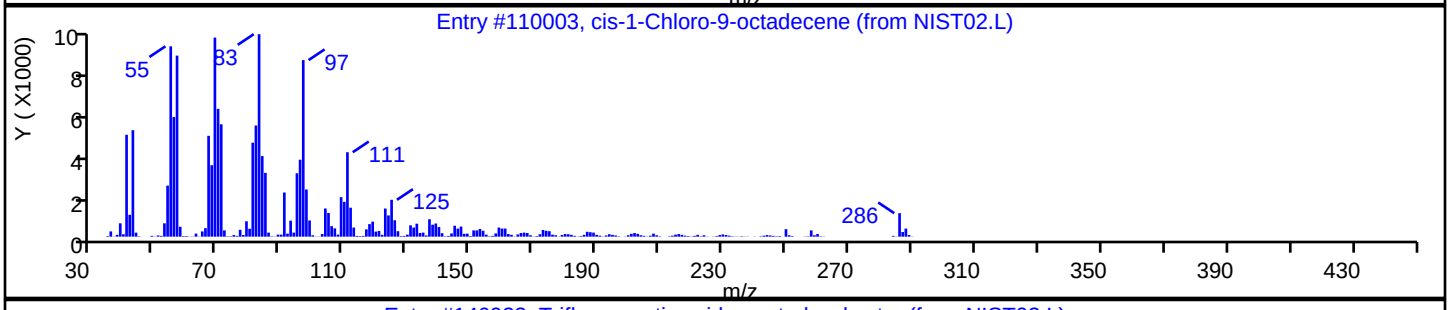
Column: Detector MS SCAN

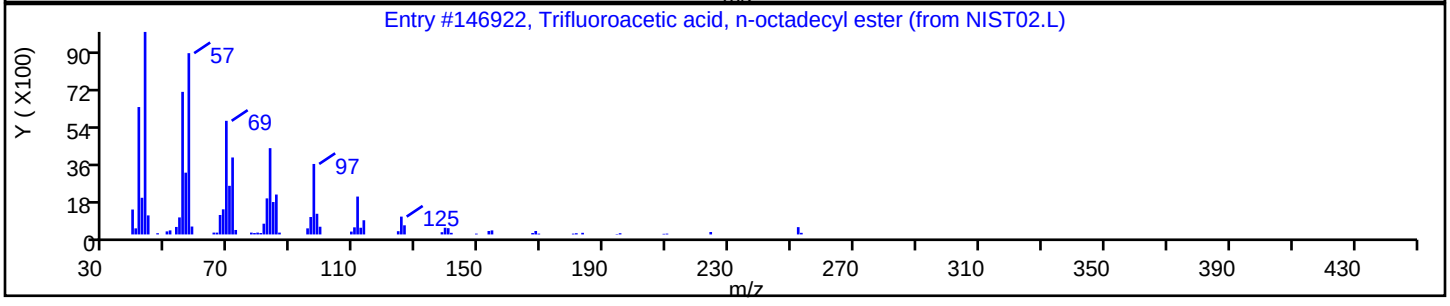
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Heneicosyl formate	77899-03-7	NIST02.L	137330	C22H44O2	340	94
cis-1-Chloro-9-octadecene	16507-61-2	NIST02.L	110003	C18H35Cl	286	93
Trifluoroacetic acid, n-octadecyl ester	79392-43-1	NIST02.L	146922	C20H37F3O2	366	91







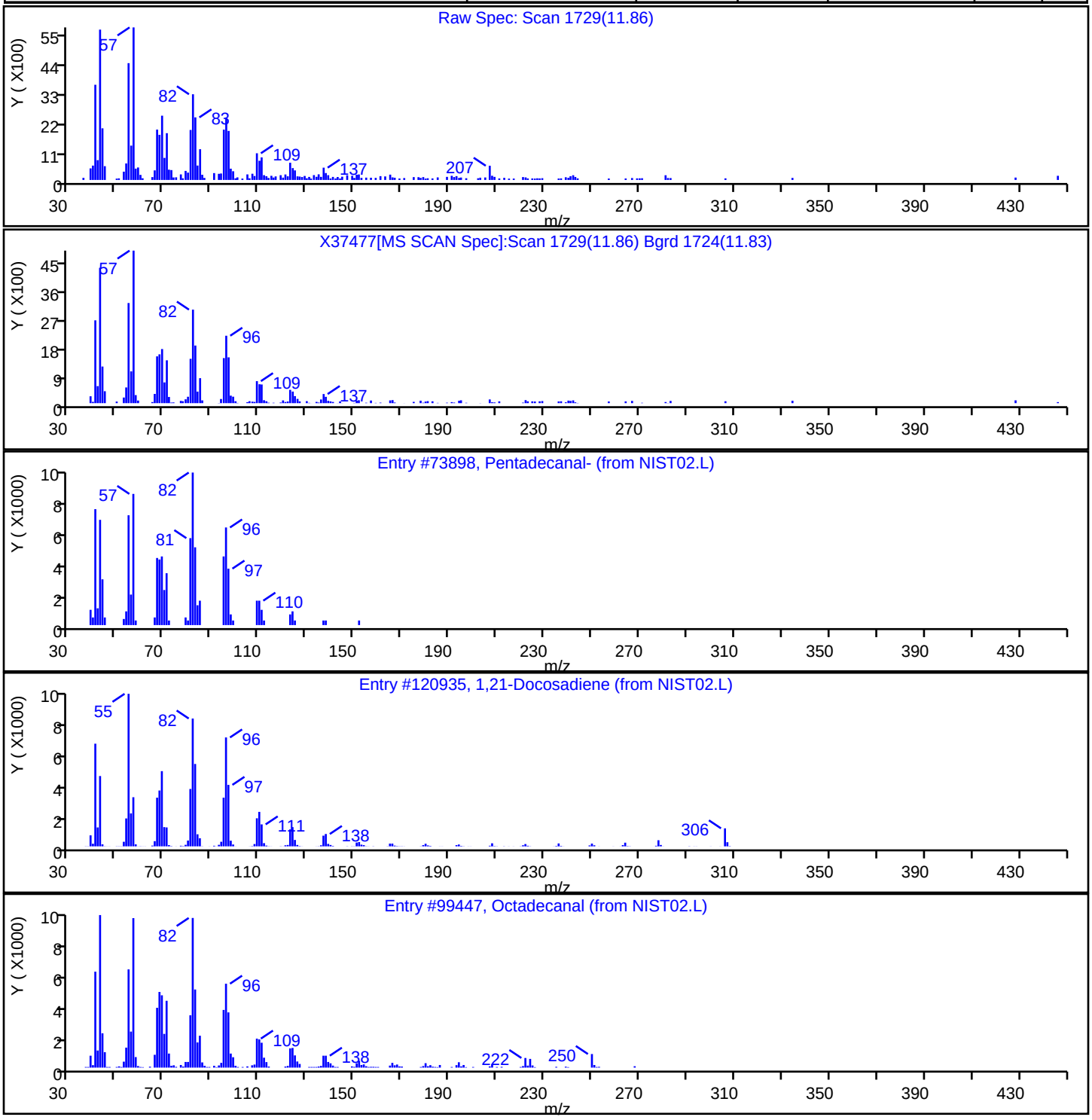




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecanal-	2765-11-9	NIST02.L	73898	C15H30O	226	91
1,21-Docosadiene	53057-53-7	NIST02.L	120935	C22H42	306	91
Octadecanal	638-66-4	NIST02.L	99447	C18H36O	268	91



Report Date: 02-Nov-2021 14:30:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4

Client ID: HA-2

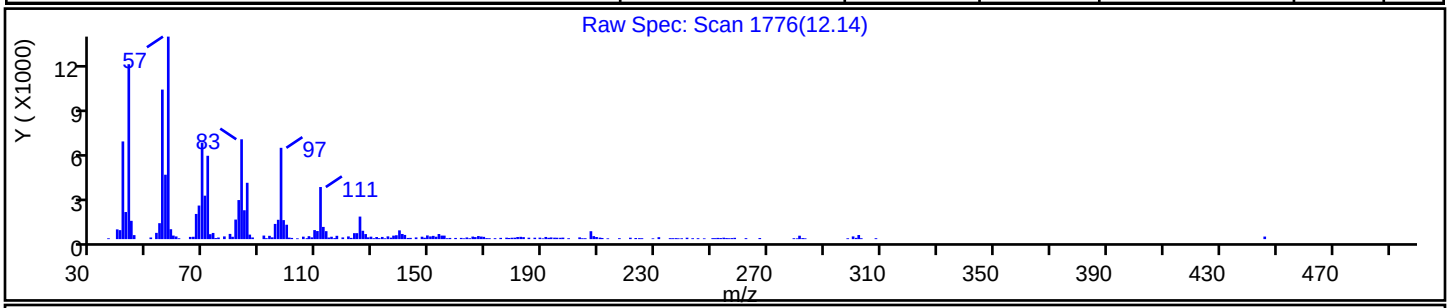
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

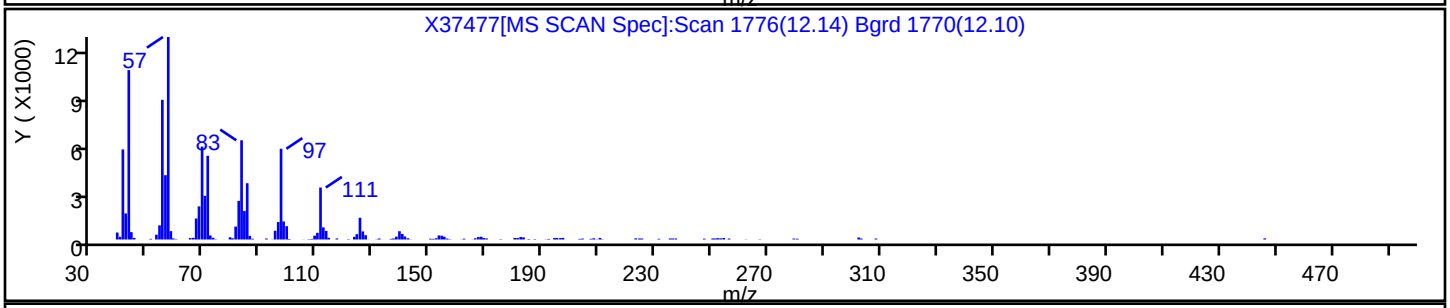
Injection Vol: 1.0 ul Dil. Factor: 1.0000

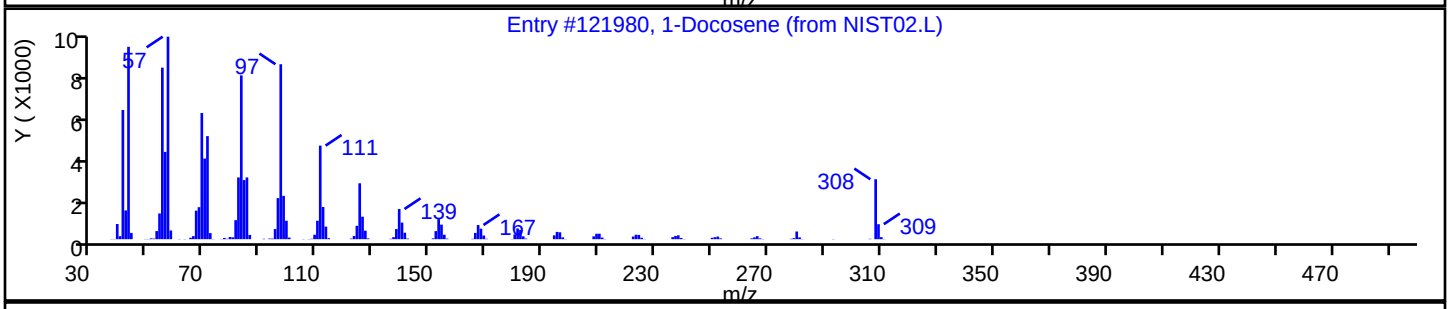
Method: 8270_5R Limit Group: SV 8270E ICAL

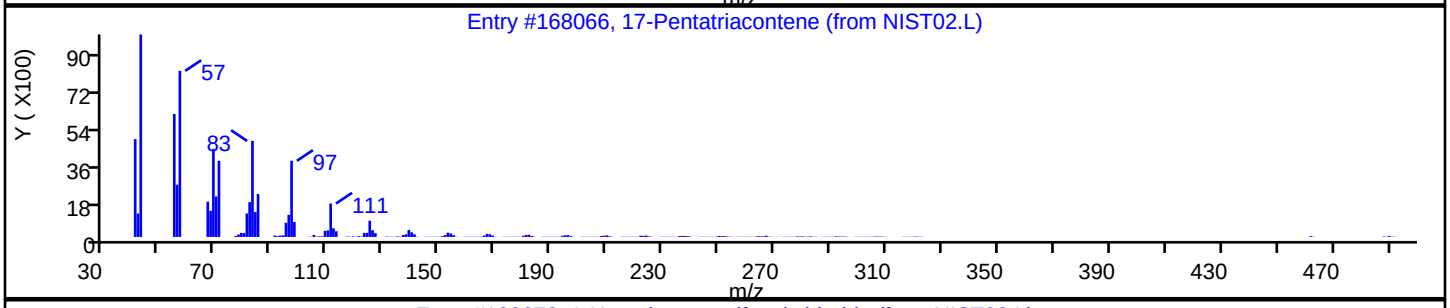
Column: Detector MS SCAN

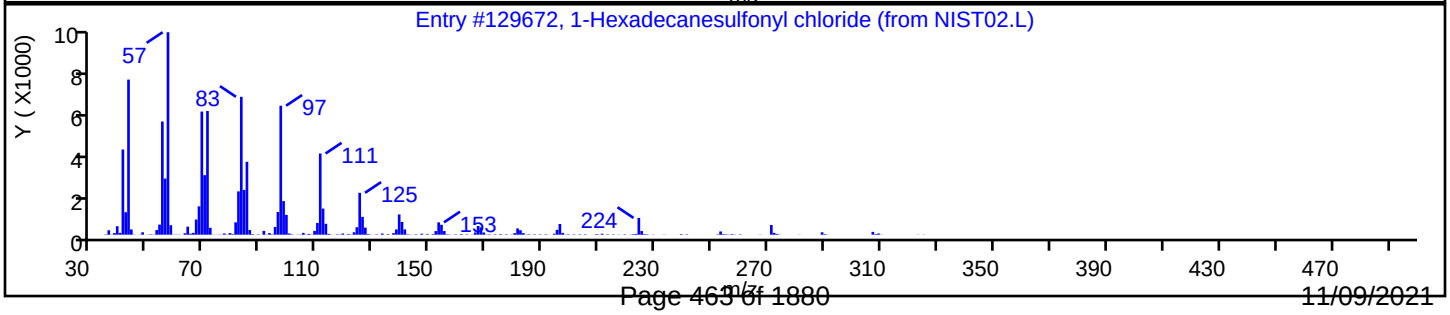
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
1-Docosene	1599-67-3	NIST02.L	121980	C22H44	308	96
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	91
1-Hexadecanesulfonyl chloride	38775-38-1	NIST02.L	129672	C16H33ClO2S	324	91







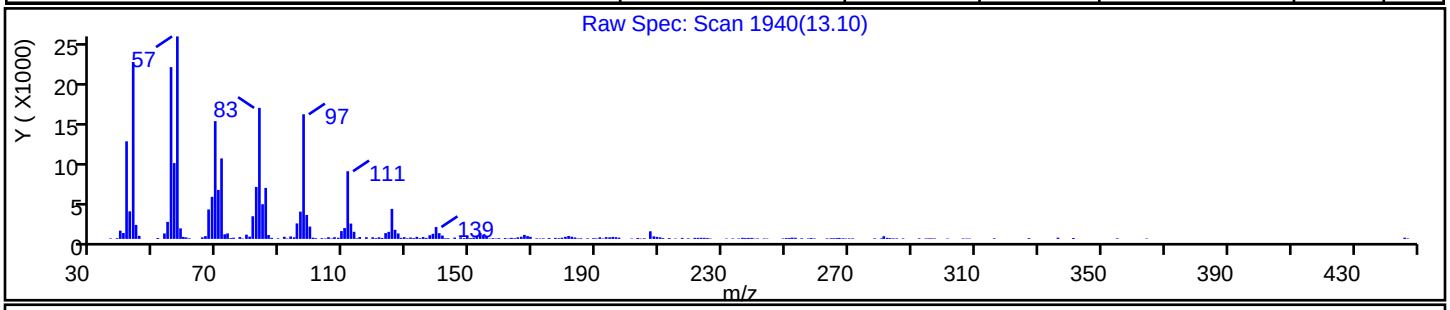


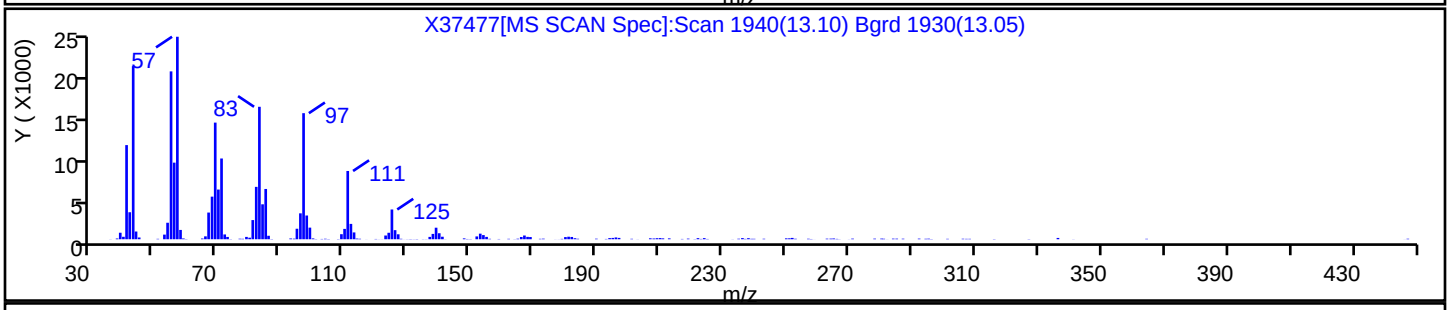


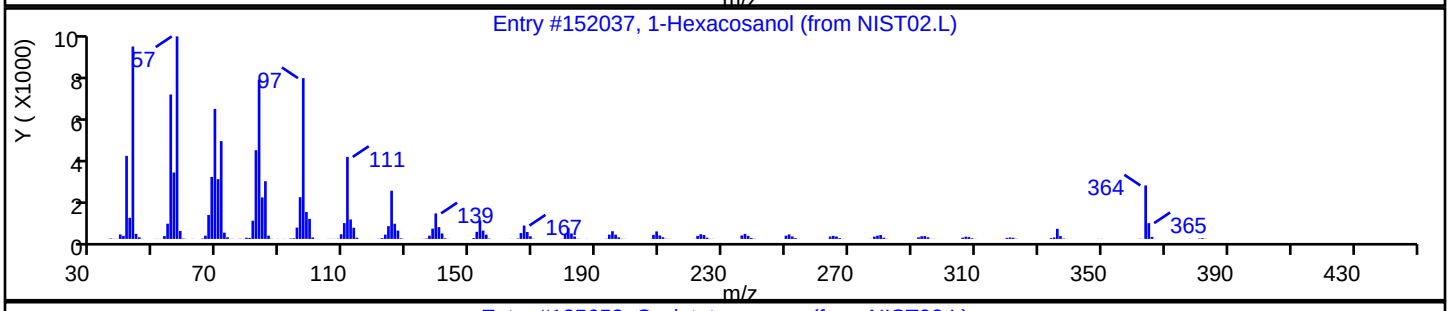
Eurofins TestAmerica, Edison

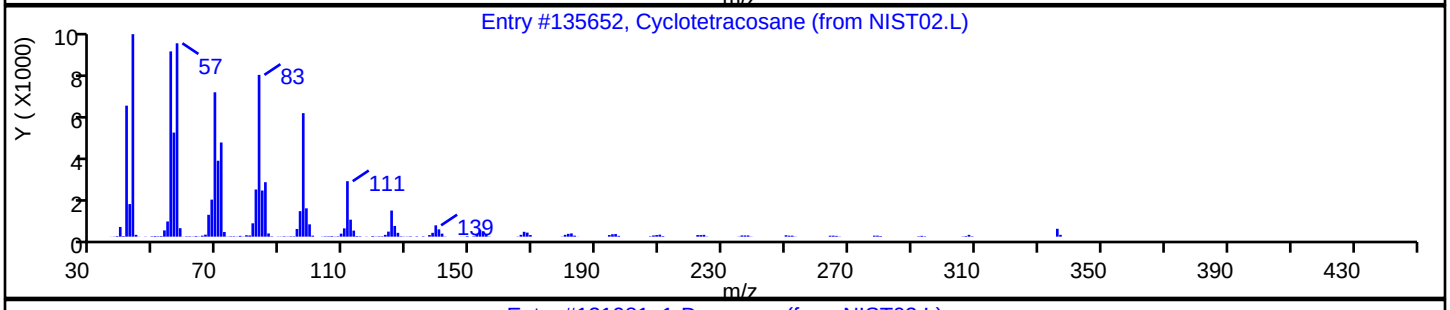
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

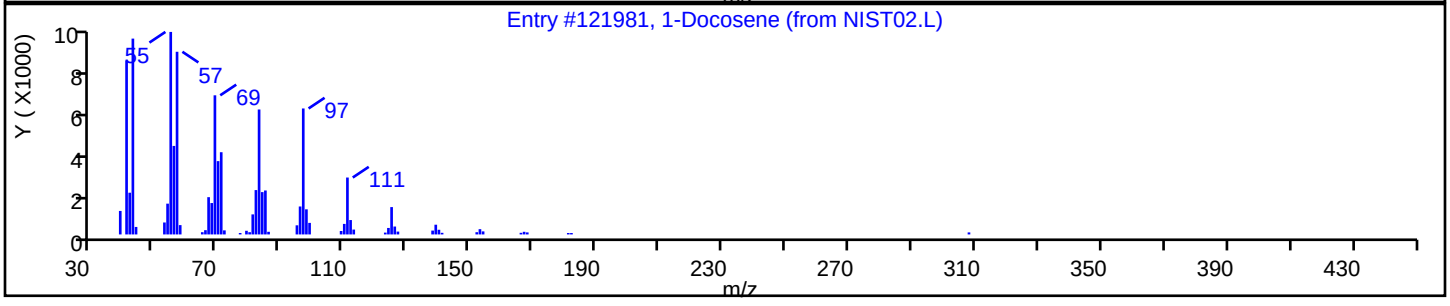
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexacosanol	506-52-5	NIST02.L	152037	C26H54O	382	91
Cyclotetracosane	297-03-0	NIST02.L	135652	C24H48	336	90
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	87









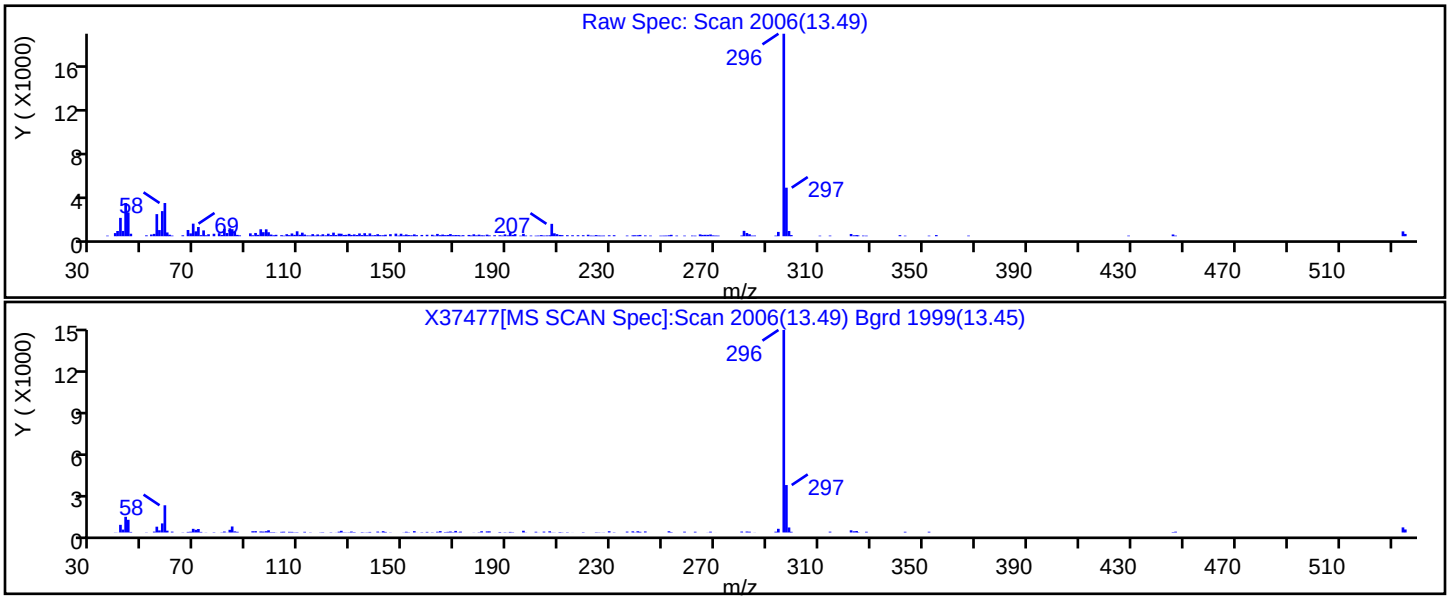


Report Date: 02-Nov-2021 14:30:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d				
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

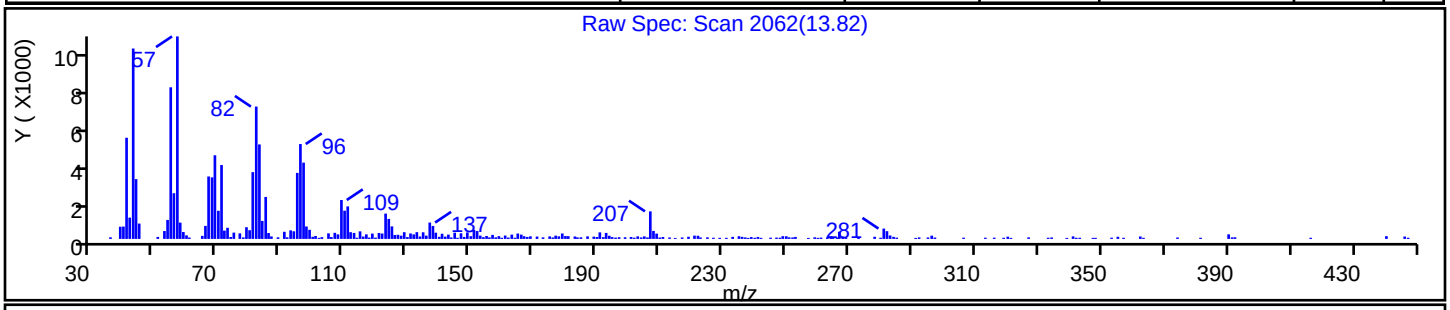
No Library Matches Found above the Threshold: 80

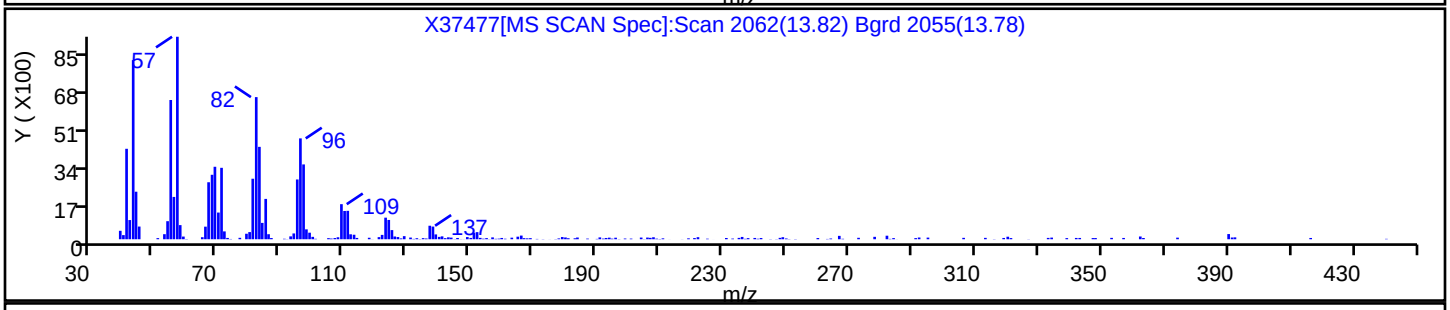


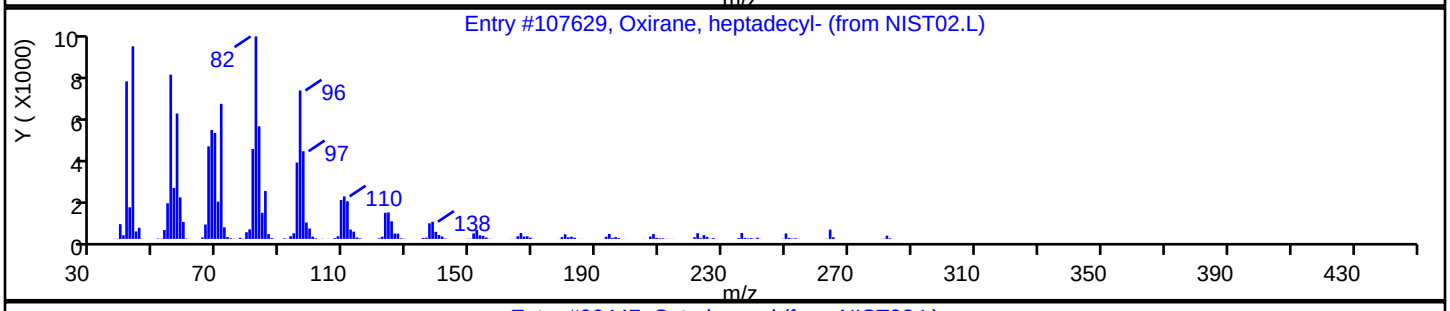
Eurofins TestAmerica, Edison

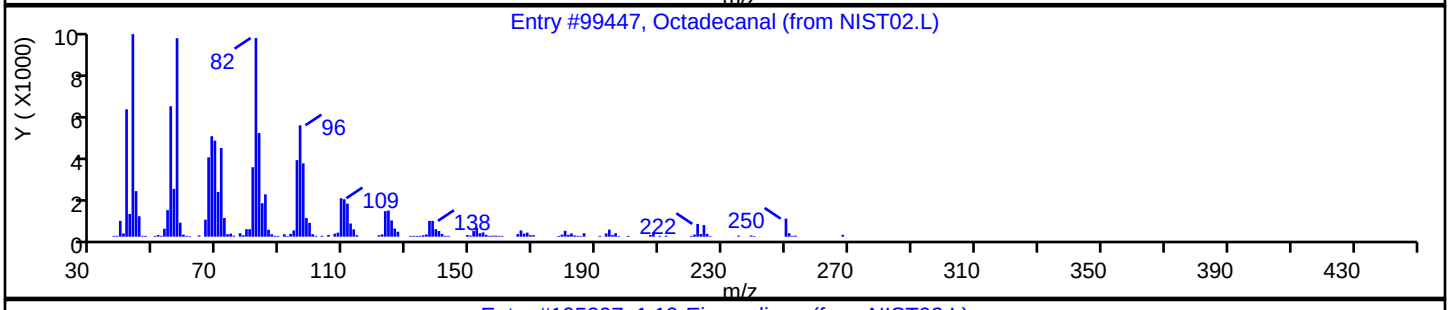
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

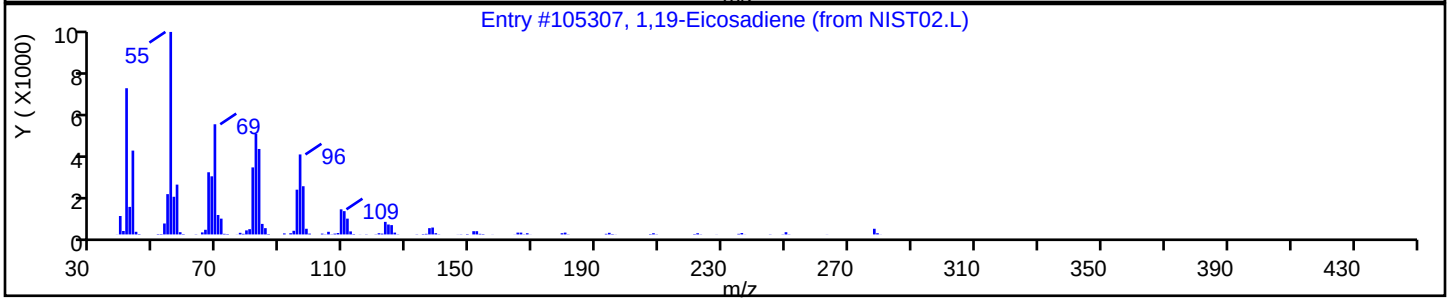
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Oxirane, heptadecyl-	67860-04-2	NIST02.L	107629	C19H38O	282	93
Octadecanal	638-66-4	NIST02.L	99447	C18H36O	268	91
1,19-Eicosadiene	14811-95-1	NIST02.L	105307	C20H38	278	90











Report Date: 02-Nov-2021 14:30:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4

Client ID: HA-2

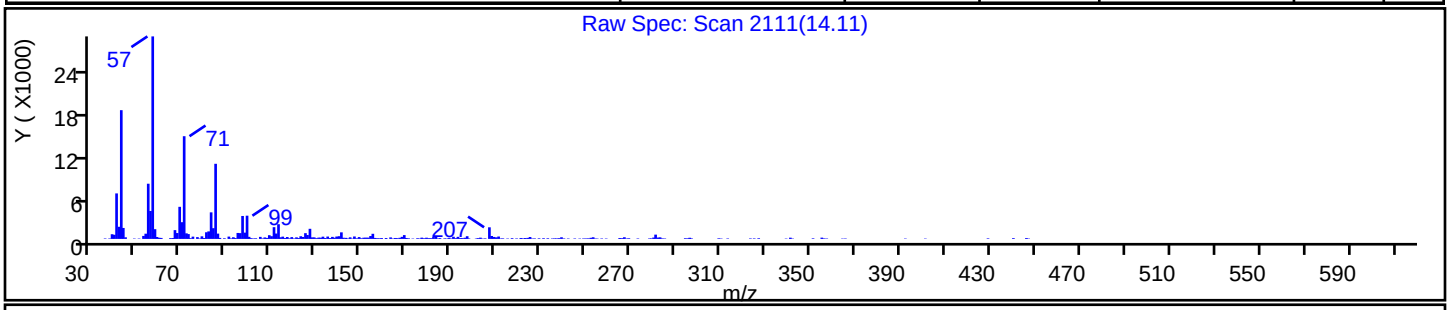
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

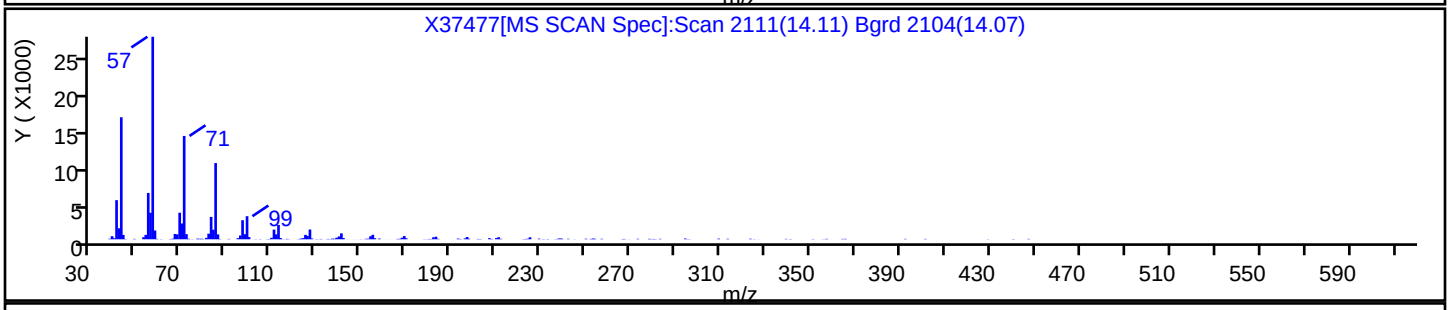
Injection Vol: 1.0 ul Dil. Factor: 1.0000

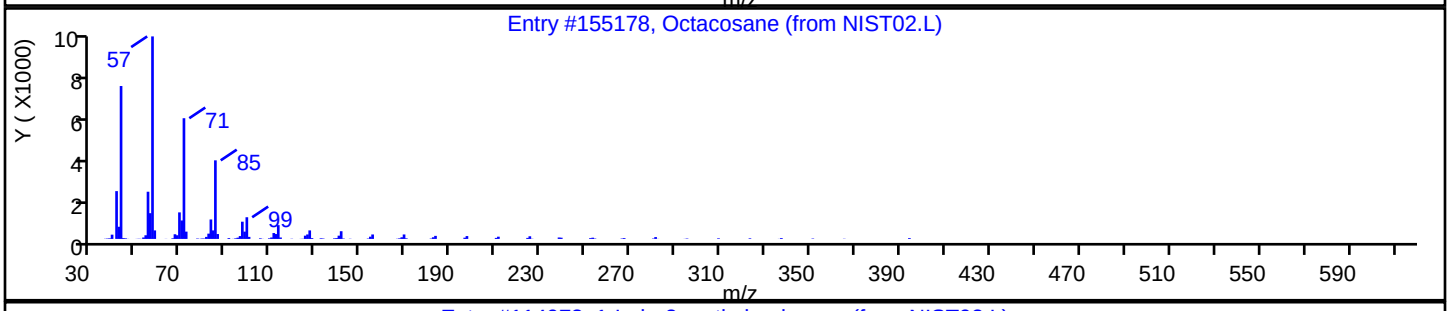
Method: 8270_5R Limit Group: SV 8270E ICAL

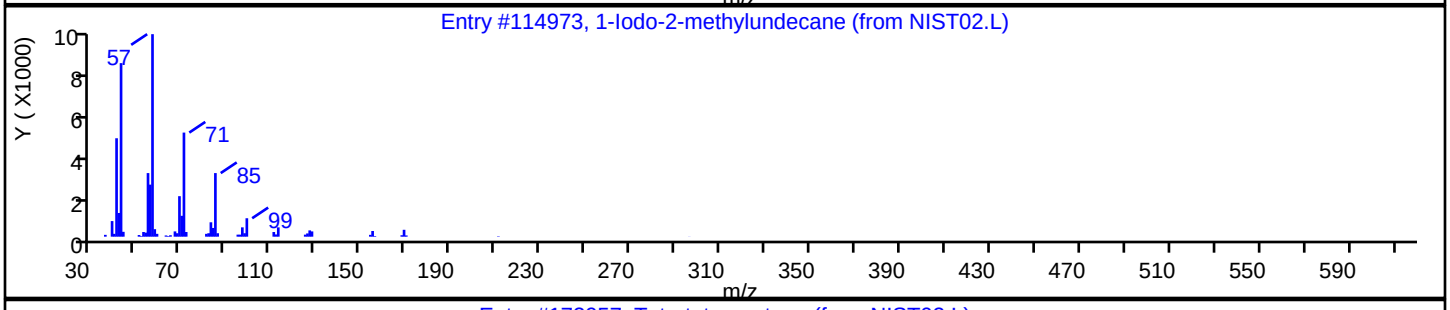
Column: Detector MS SCAN

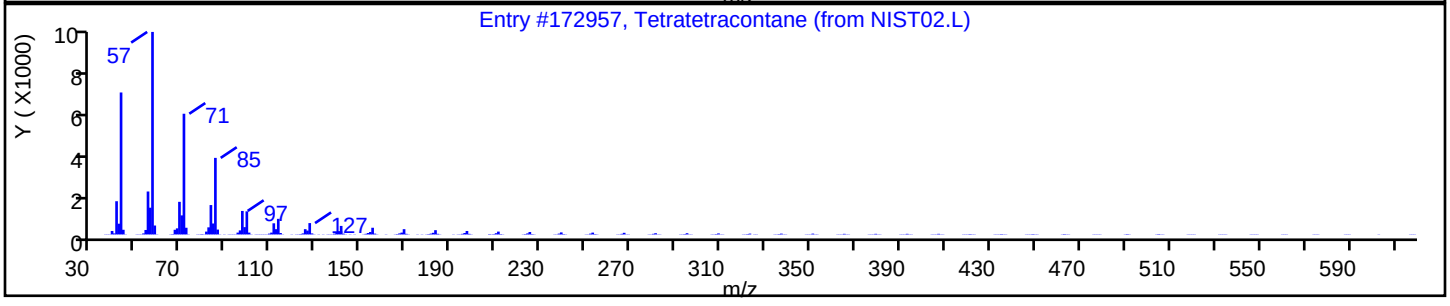
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91
1-Iodo-2-methylundecane	73105-67-6	NIST02.L	114973	C12H25I	296	90
Tetratetracontane	7098-22-8	NIST02.L	172957	C44H90	619	90







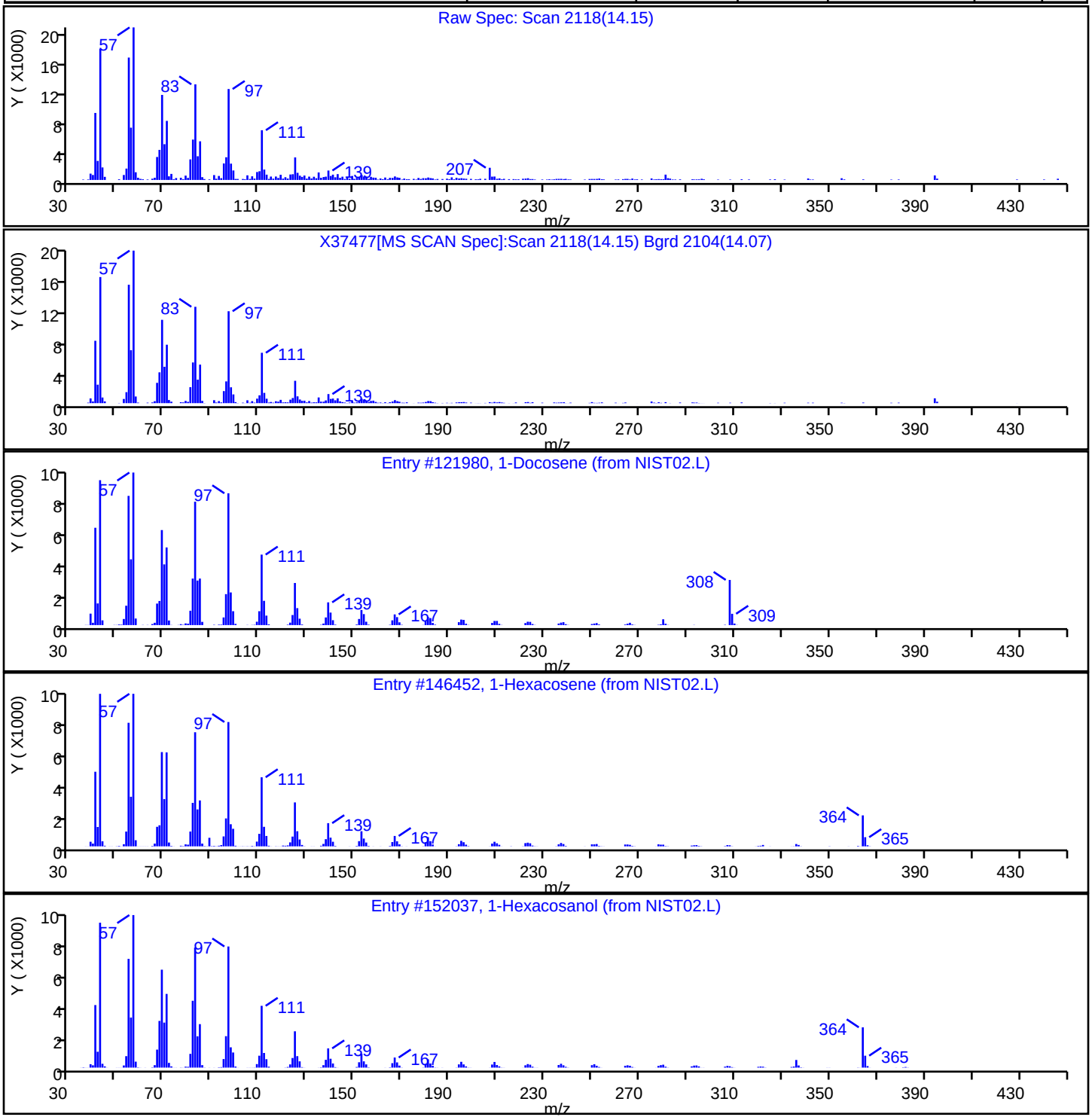




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121980	C22H44	308	97
1-Hexacosene	18835-33-1	NIST02.L	146452	C26H52	364	93
1-Hexacosanol	506-52-5	NIST02.L	152037	C26H54O	382	91

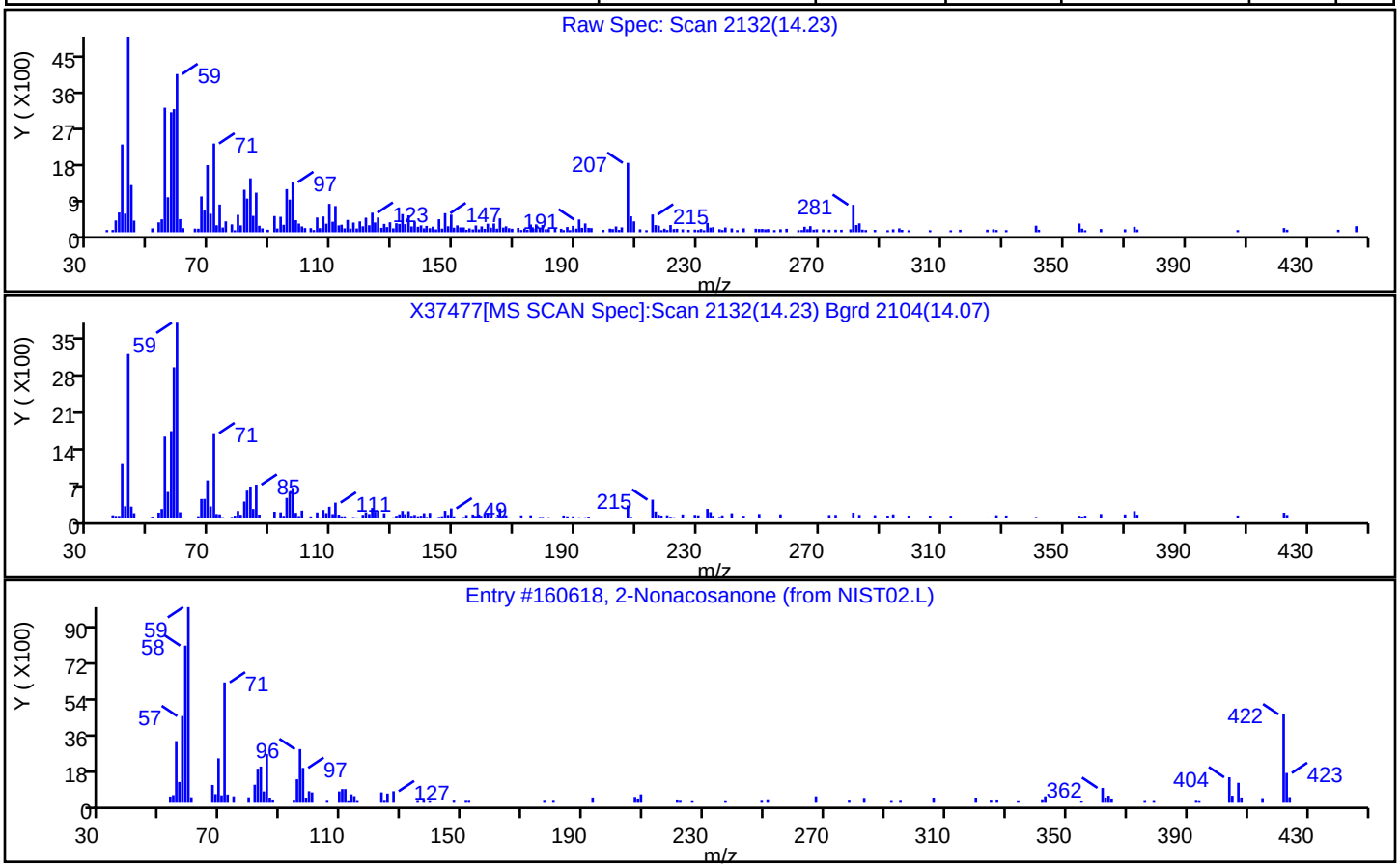


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4		
Client ID:	HA-2				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

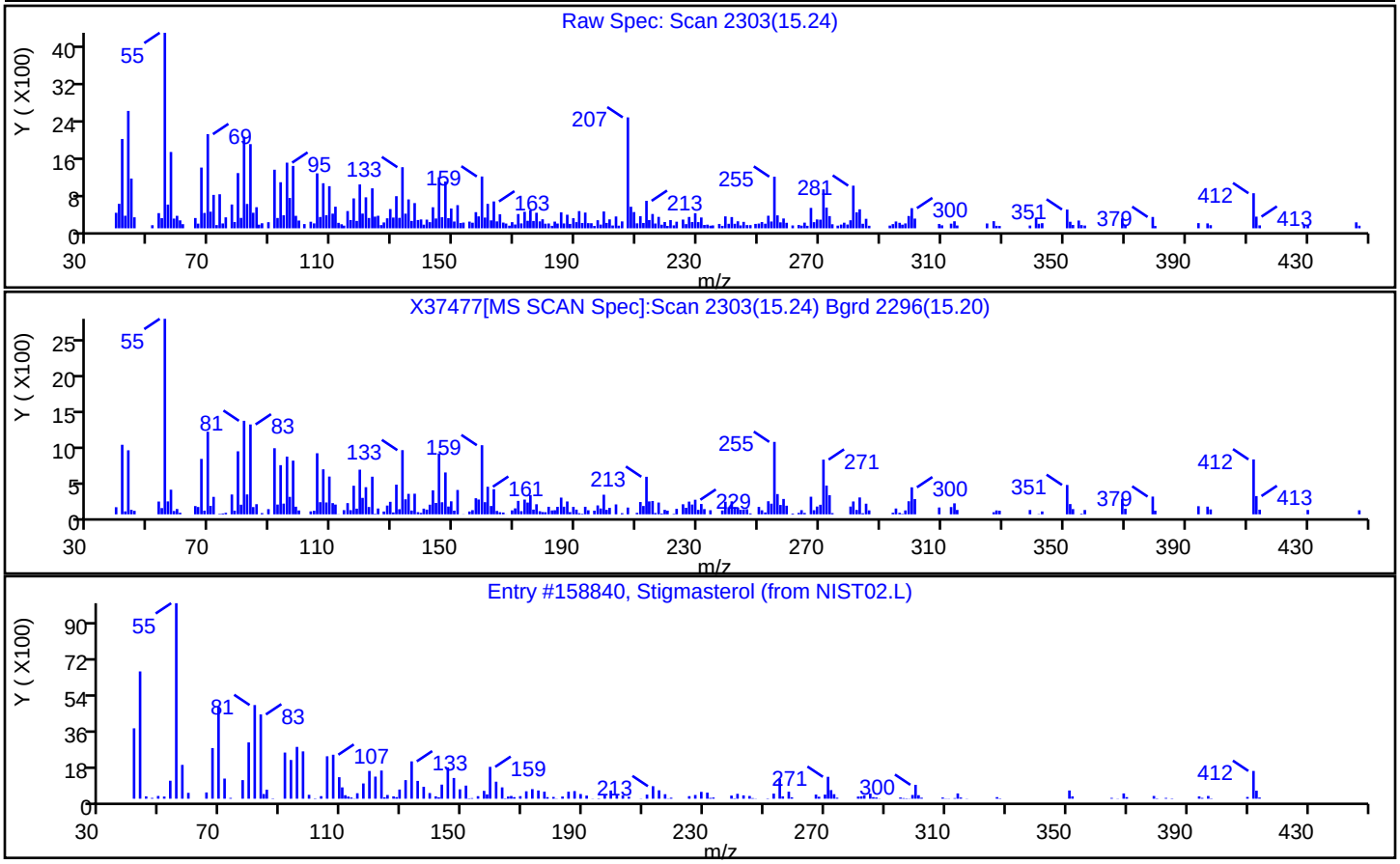
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
2-Nonacosanone	17600-99-6	NIST02.L	160618	C29H58O	422	87



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d		
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4
Client ID:	HA-2		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmasterol	83-48-7	NIST02.L	158840	C29H48O	412	96



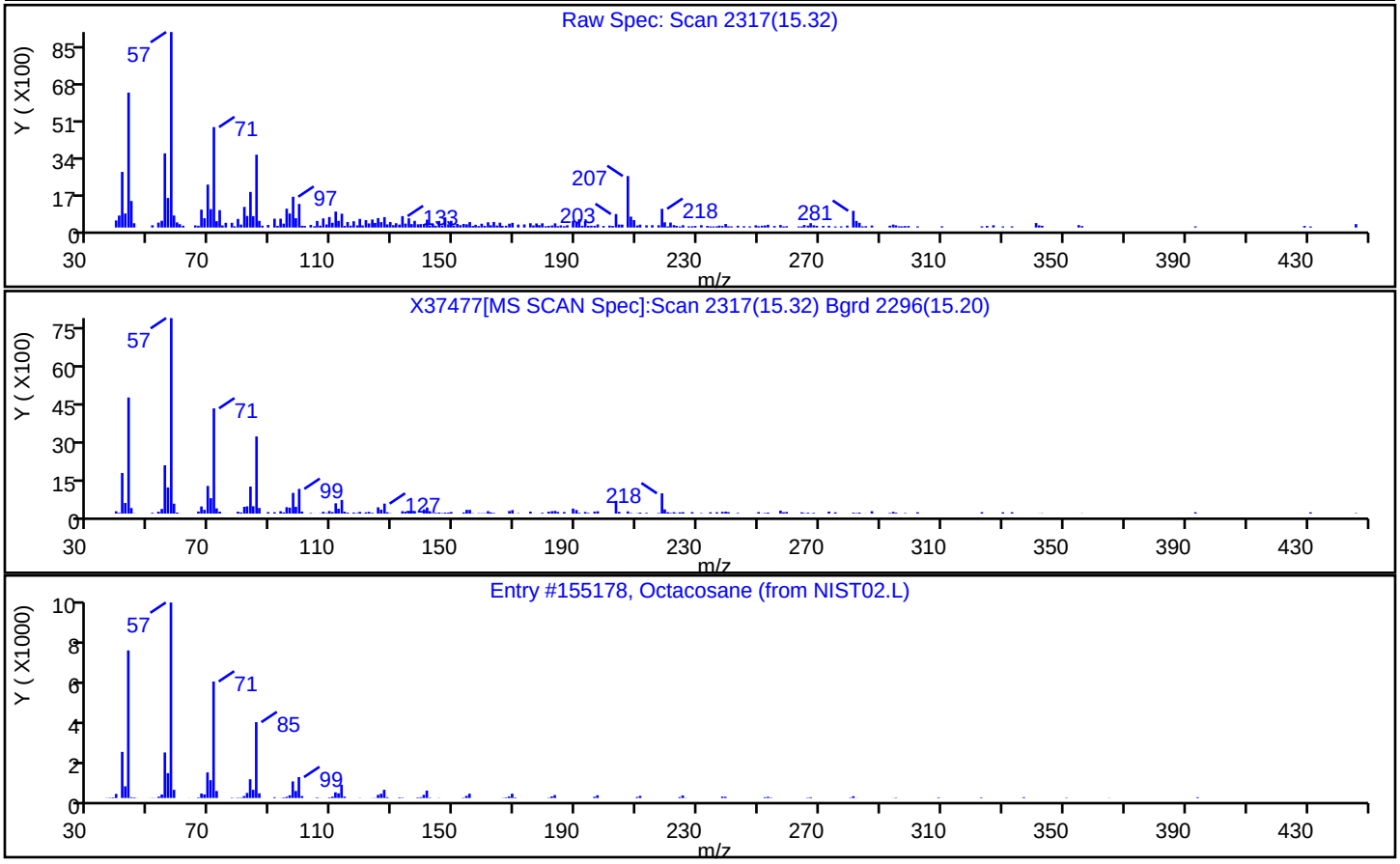
Report Date: 02-Nov-2021 14:30:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d

Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4
Client ID:	HA-2		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

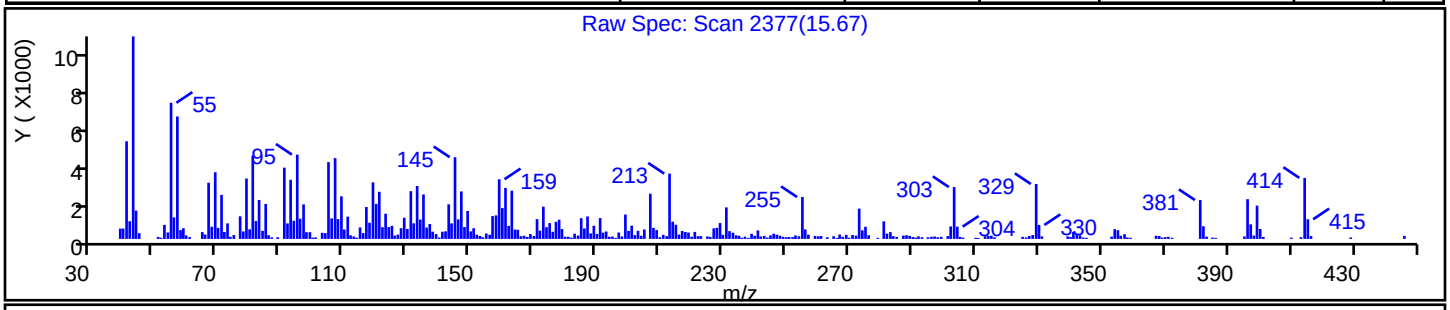
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	87

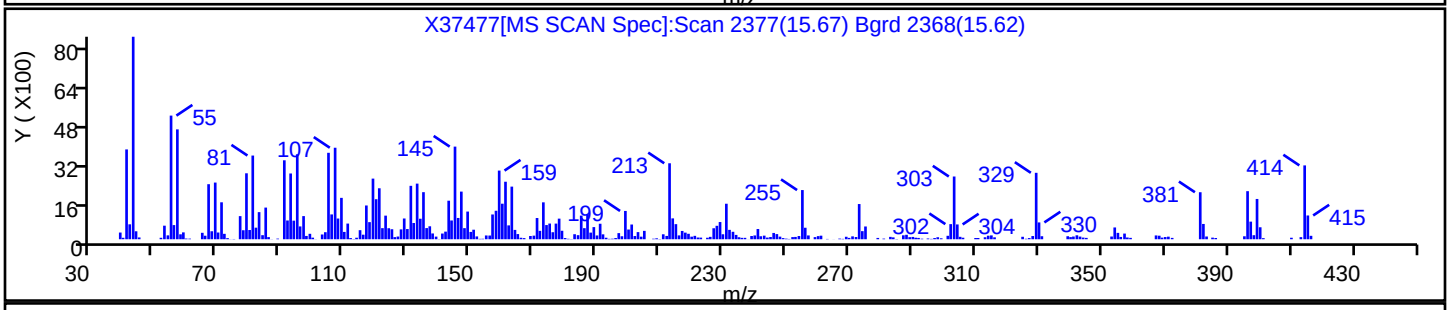


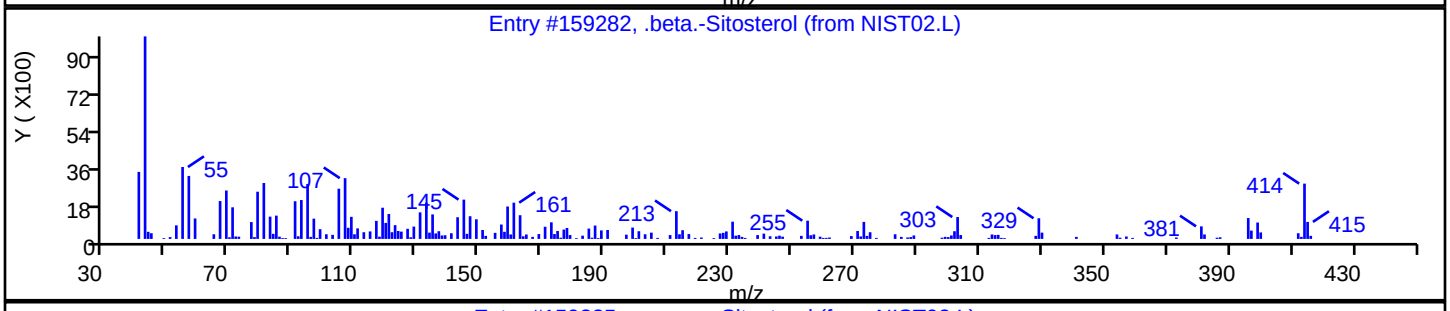
Eurofins TestAmerica, Edison

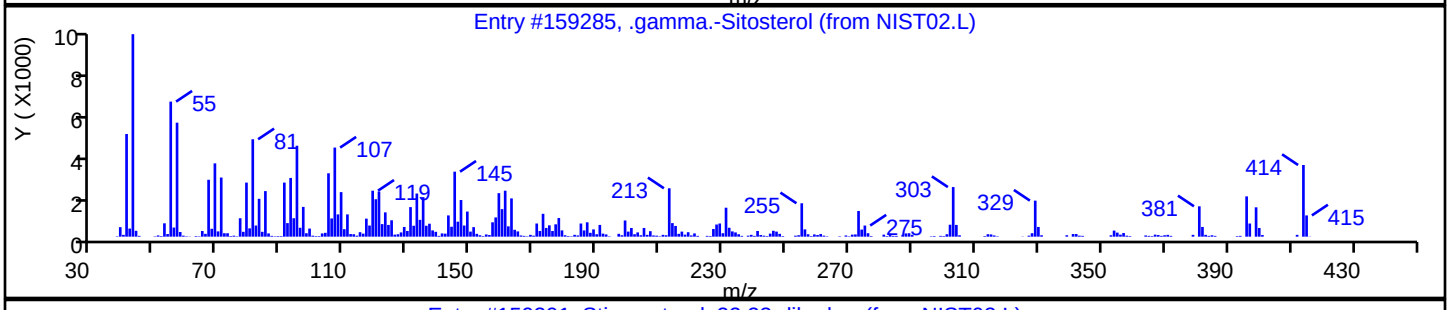
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d
Injection Date: 01-Nov-2021 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-4-C Lab Sample ID: 460-246210-4
Client ID: HA-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

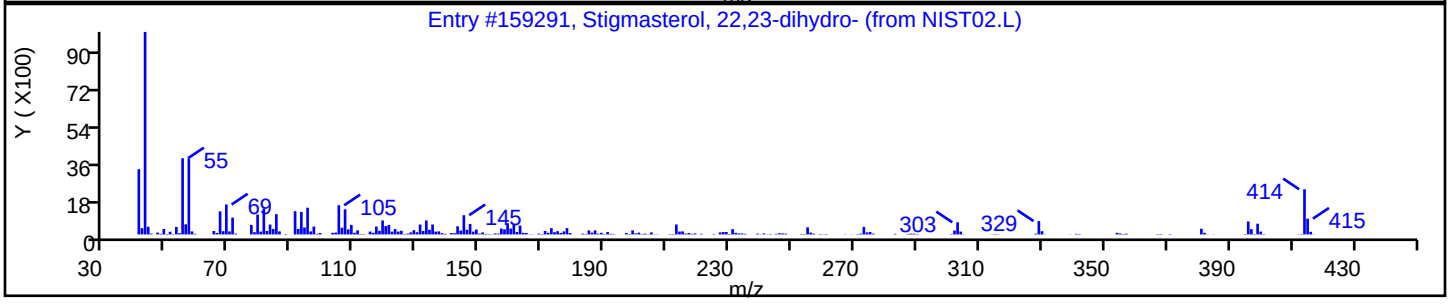
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	97
.gamma.-Sitosterol	83-47-6	NIST02.L	159285	C29H50O	414	95
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.L	159291	C29H50O	414	90







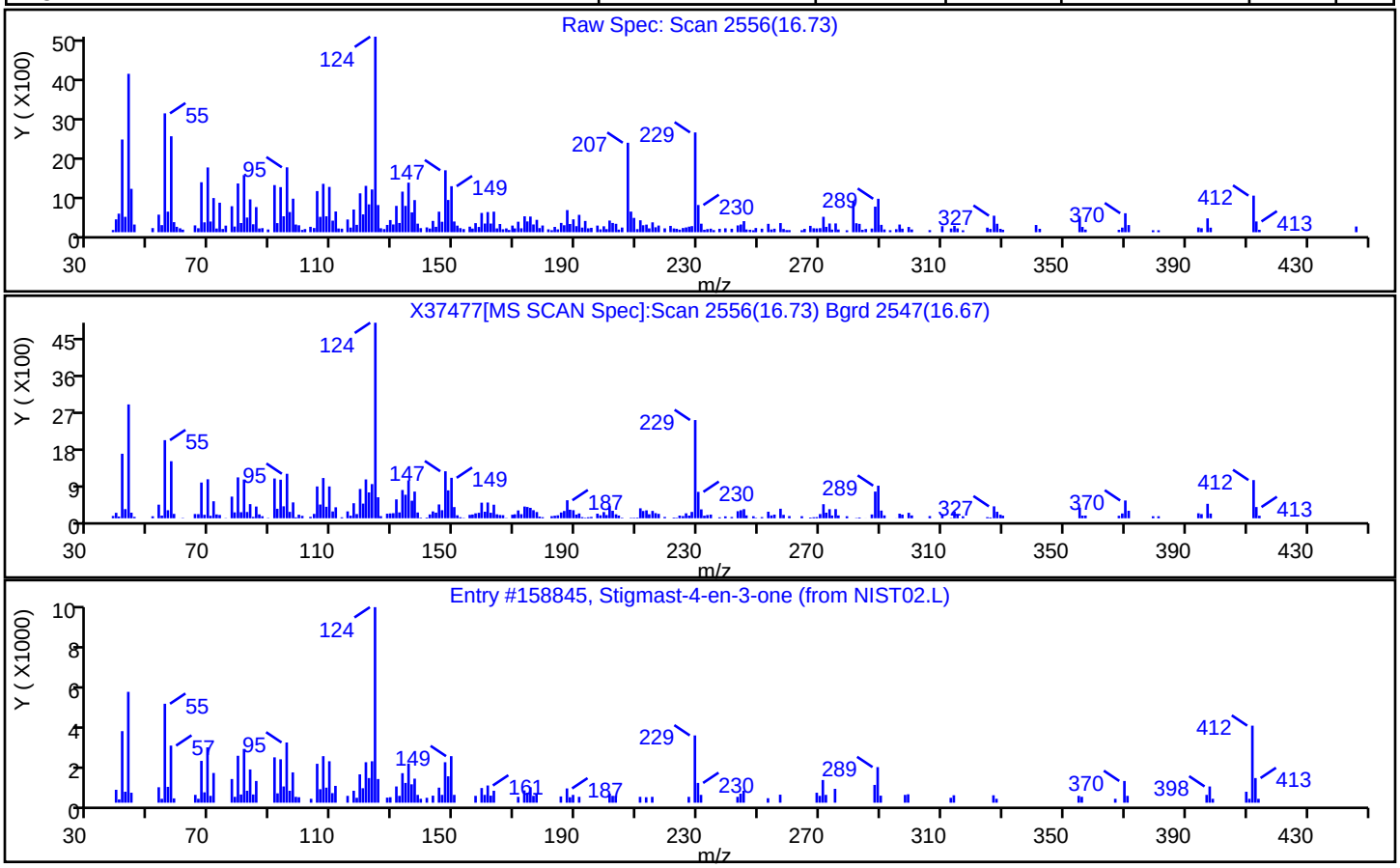




Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37477.d		
Injection Date:	01-Nov-2021 18:59:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-4-C	Lab Sample ID:	460-246210-4
Client ID:	HA-2		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	83



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: X37478.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:50

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.016	U	0.43	0.016
95-57-8	2-Chlorophenol	0.015	U	0.43	0.015
95-48-7	2-Methylphenol	0.016	U	0.43	0.016
106-44-5	4-Methylphenol	0.027	U	0.43	0.027
88-75-5	2-Nitrophenol	0.043	U	0.43	0.043
105-67-9	2,4-Dimethylphenol	0.019	U	0.43	0.019
120-83-2	2,4-Dichlorophenol	0.028	U	0.17	0.028
59-50-7	4-Chloro-3-methylphenol	0.024	U	0.43	0.024
88-06-2	2,4,6-Trichlorophenol	0.055	U	0.17	0.055
95-95-4	2,4,5-Trichlorophenol	0.044	U	0.43	0.044
121-14-2	2,4-Dinitrotoluene	0.046	U	0.087	0.046
100-02-7	4-Nitrophenol	0.070	U	0.87	0.070
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.34	0.18
87-86-5	Pentachlorophenol	0.088	U	0.34	0.088
111-44-4	Bis(2-chloroethyl)ether	0.015	U	0.043	0.015
541-73-1	1,3-Dichlorobenzene	0.0057	U	0.43	0.0057
106-46-7	1,4-Dichlorobenzene	0.016	U	0.43	0.016
95-50-1	1,2-Dichlorobenzene	0.0073	U	0.43	0.0073
621-64-7	N-Nitrosodi-n-propylamine	0.031	U	0.043	0.031
67-72-1	Hexachloroethane	0.015	U	0.043	0.015
98-95-3	Nitrobenzene	0.010	U	0.043	0.010
78-59-1	Isophorone	0.12	U	0.17	0.12
120-82-1	1,2,4-Trichlorobenzene	0.011	U	0.043	0.011
91-20-3	Naphthalene	0.022	J	0.43	0.0074
87-68-3	Hexachlorobutadiene	0.0091	U	0.087	0.0091
91-57-6	2-Methylnaphthalene	0.012	U	0.43	0.012
77-47-4	Hexachlorocyclopentadiene	0.038	U	0.43	0.038
91-58-7	2-Chloronaphthalene	0.020	U	0.43	0.020
88-74-4	2-Nitroaniline	0.016	U	0.43	0.016
131-11-3	Dimethyl phthalate	0.097	U	0.43	0.097
208-96-8	Acenaphthylene	0.012	J	0.43	0.0043
606-20-2	2,6-Dinitrotoluene	0.031	U	0.087	0.031
99-09-2	3-Nitroaniline	0.048	U	0.43	0.048
83-32-9	Acenaphthene	0.012	U	0.43	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: X37478.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:50

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0097	J	0.43	0.0060
51-28-5	2,4-Dinitrophenol	0.21	U	0.34	0.21
84-66-2	Diethyl phthalate	0.0062	U	0.43	0.0062
7005-72-3	4-Chlorophenyl phenyl ether	0.015	U	0.43	0.015
86-73-7	Fluorene	0.012	J	0.43	0.0058
100-01-6	4-Nitroaniline	0.049	U	0.43	0.049
86-30-6	N-Nitrosodiphenylamine	0.035	U	0.43	0.035
101-55-3	4-Bromophenyl phenyl ether	0.017	U	0.43	0.017
118-74-1	Hexachlorobenzene	0.020	U	0.043	0.020
85-01-8	Phenanthrene	0.19	J	0.43	0.0075
120-12-7	Anthracene	0.037	J	0.43	0.013
86-74-8	Carbazole	0.030	J	0.43	0.016
84-74-2	Di-n-butyl phthalate	0.016	U	0.43	0.016
206-44-0	Fluoranthene	0.38	J	0.43	0.015
129-00-0	Pyrene	0.32	J	0.43	0.011
85-68-7	Butyl benzyl phthalate	0.020	U	0.43	0.020
56-55-3	Benzo[a]anthracene	0.19		0.043	0.015
218-01-9	Chrysene	0.21	J	0.43	0.0072
117-81-7	Bis(2-ethylhexyl) phthalate	0.16	J	0.43	0.023
117-84-0	Di-n-octyl phthalate	0.023	U	0.43	0.023
205-99-2	Benzo[b]fluoranthene	0.27		0.043	0.011
207-08-9	Benzo[k]fluoranthene	0.11		0.043	0.0084
50-32-8	Benzo[a]pyrene	0.18		0.043	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.15		0.043	0.017
53-70-3	Dibenz(a,h)anthracene	0.032	J	0.043	0.019
191-24-2	Benzo[g,h,i]perylene	0.13	J	0.43	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	0.0078	U	0.43	0.0078
91-94-1	3,3'-Dichlorobenzidine	0.065	U	0.17	0.065
111-91-1	Bis(2-chloroethoxy)methane	0.033	U	0.43	0.033

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: X37478.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:50

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	47		11-104
4165-62-2	Phenol-d5	52		15-100
1718-51-0	Terphenyl-d14	70		12-126
118-79-6	2,4,6-Tribromophenol	74		10-123
367-12-4	2-Fluorophenol	54		10-105
321-60-8	2-Fluorobiphenyl	57		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: X37478.d

Analysis Method: 8270E Date Collected: 10/28/2021 08:50

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:23

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 5 TIC Result Total: 5.31

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.99	1.6	A J	
1599-67-3	1-Docosene	13.10	1.6	J N	91%
	Unknown	14.15	0.51	J	
83-46-5	.beta.-Sitosterol	15.67	1.1	J N	96%
1058-61-3	Stigmast-4-en-3-one	16.73	0.50	J N	99%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d
Lims ID: 460-246210-E-5-C
Client ID: HA-3
Sample Type: Client
Inject. Date: 01-Nov-2021 19:23:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:12:48

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.293	3.287	0.006	93	60566	26.9	
$ 6 Phenol-d5	99	4.163	4.169	-0.006	97	71170	26.0	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	66189	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	92	59520	23.5	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	250184	40.0	
39 Naphthalene	128	5.745	5.751	-0.006	32	1595	0.2499	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	97	146202	28.5	
61 Acenaphthylene	152	7.251	7.251	0.000	66	943	0.1439	
* 65 Acenaphthene-d10	164	7.386	7.387	-0.001	98	139473	40.0	
71 Dibenzofuran	168	7.575	7.581	-0.006	49	640	0.1122	
75 Fluorene	166	7.898	7.904	-0.006	58	610	0.1352	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	90	40856	36.8	
* 88 Phenanthrene-d10	188	8.780	8.781	-0.001	98	251315	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	82	14496	2.23	
90 Anthracene	178	8.851	8.851	0.000	91	2873	0.4310	
91 Carbazole	167	8.998	9.004	-0.006	71	2110	0.3461	
93 Fluoranthene	202	9.927	9.928	-0.001	98	32208	4.41	
95 Pyrene	202	10.139	10.139	0.000	97	27433	3.66	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	231419	34.9	
101 Benzo[a]anthracene	228	11.404	11.410	-0.006	59	17052	2.25	
* 102 Chrysene-d12	240	11.421	11.422	-0.001	99	243013	40.0	
103 Chrysene	228	11.445	11.433	-0.006	79	17188	2.41	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	57	8625	1.84	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	93	25481	3.08	
107 Benzo[k]fluoranthene	252	12.827	12.839	-0.012	1	10621	1.25	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	96	16485	2.10	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	289516	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	98	13903	1.70	
111 Dibenz(a,h)anthracene	278	14.962	14.974	-0.012	5	3116	0.3656	
112 Benzo[g,h,i]perylene	276	15.374	15.386	-0.012	92	13289	1.50	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00196	Amount Added:	20.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d
Lims ID: 460-246210-E-5-C
Client ID: HA-3
Sample Type: Client
Inject. Date: 01-Nov-2021 19:23:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:29:28 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:12:48

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.987	187164	18.7	14	0	0		0	
1599-67-3		1-Docosene						
13.104	364072	18.9	109	91	121981	C22H44	308	
		Unknown						
14.151	114387	5.95	109					
83-46-5		.beta.-Sitosterol						
15.674	251183	13.1	109	96	159283	C29H50O	414	
1058-61-3		Stigmast-4-en-3-one						
16.727	110667	5.75	109	99	158845	C29H48O	412	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	401215	40.0
* 109 Perylene-d12	13.339	769279	40.0

QC Flag Legend

Processing Flags

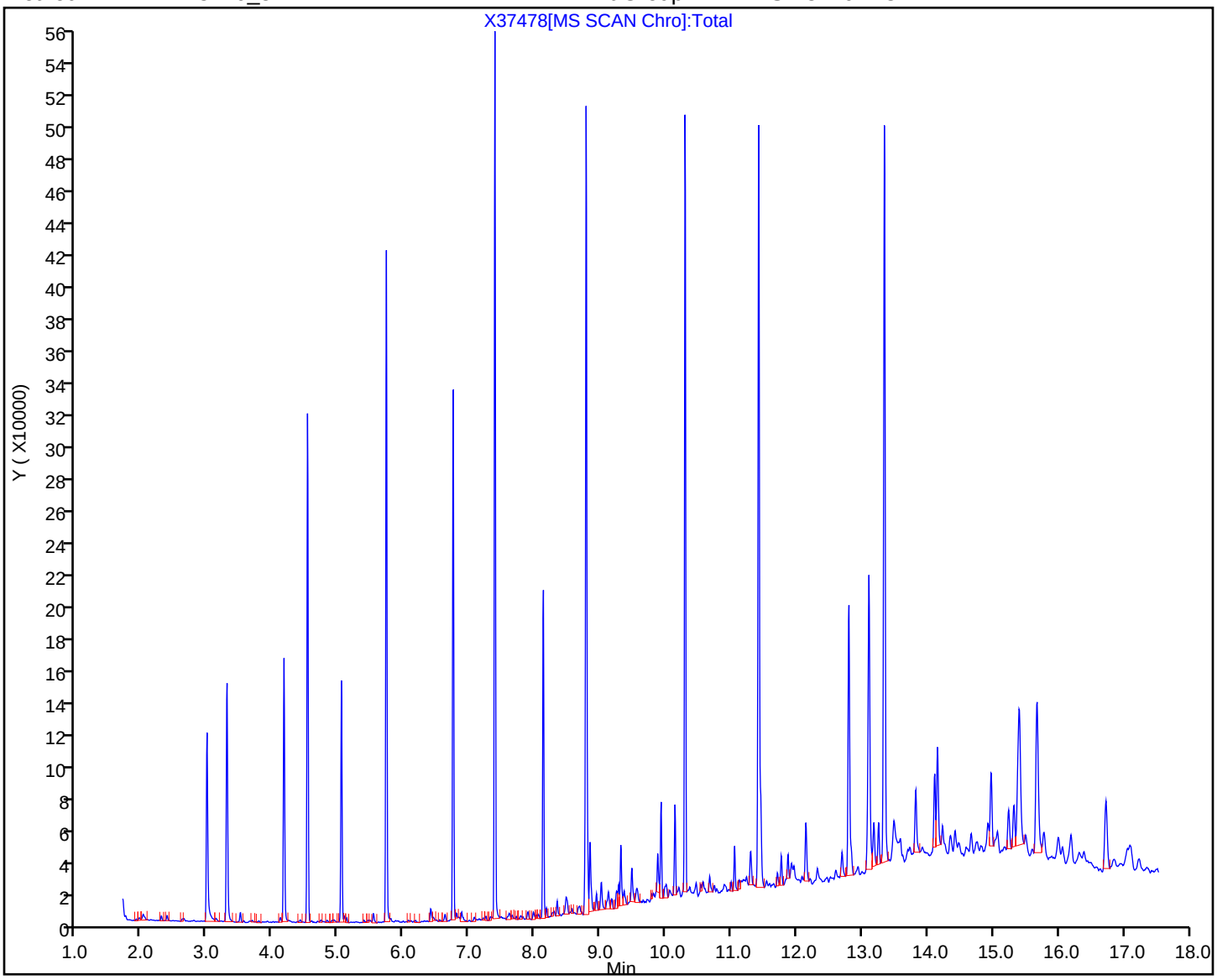
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:31:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

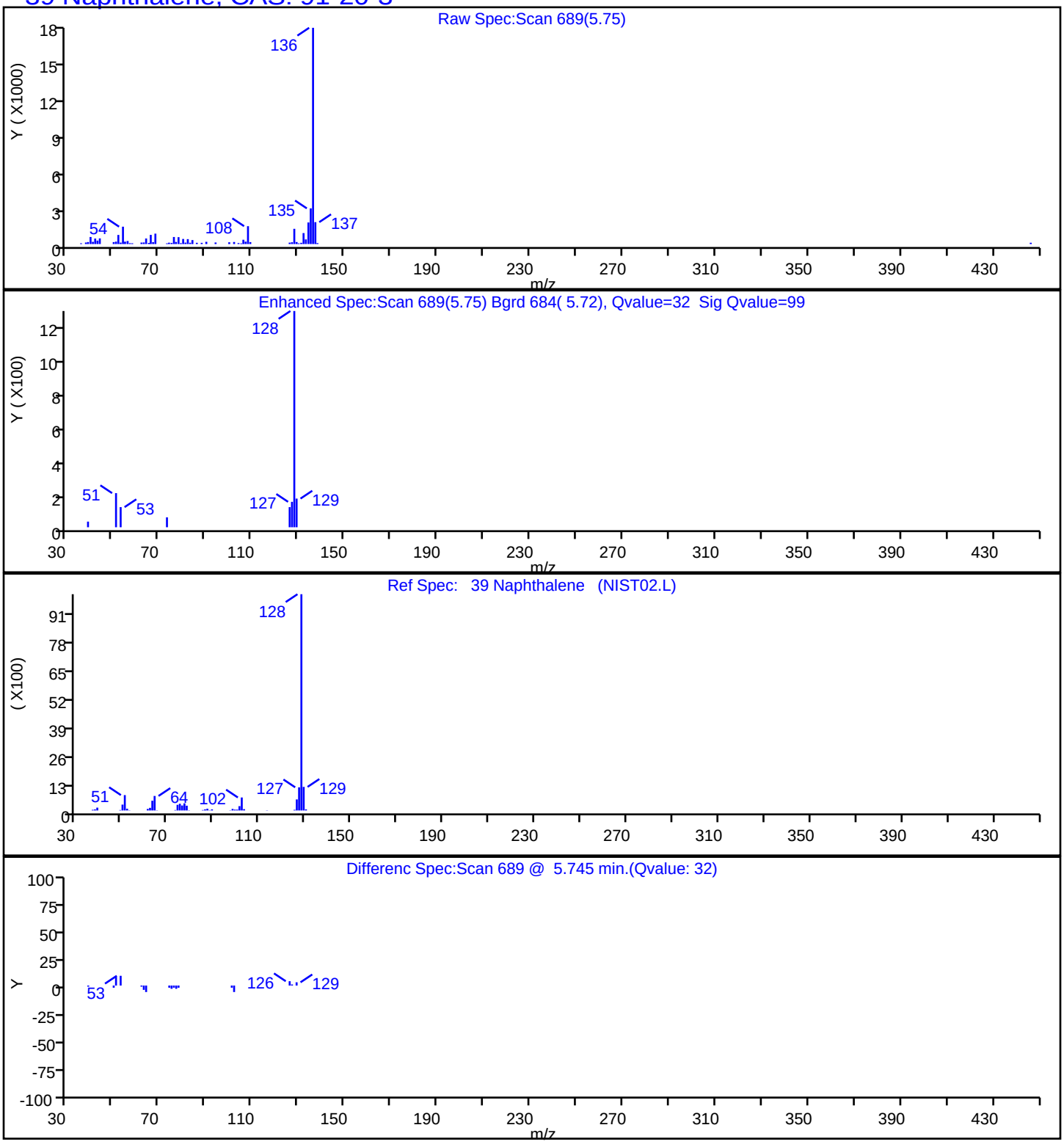
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

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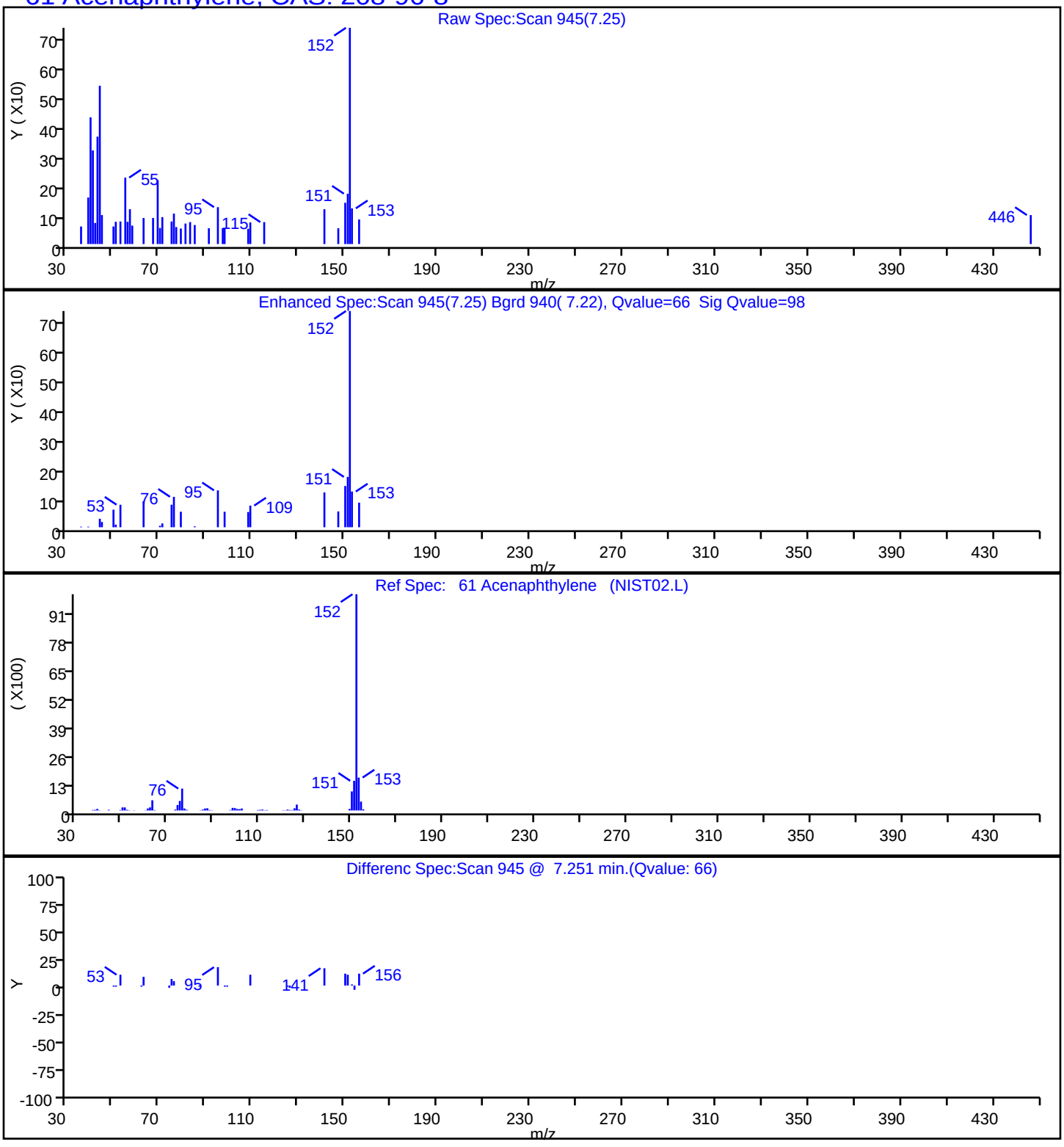
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

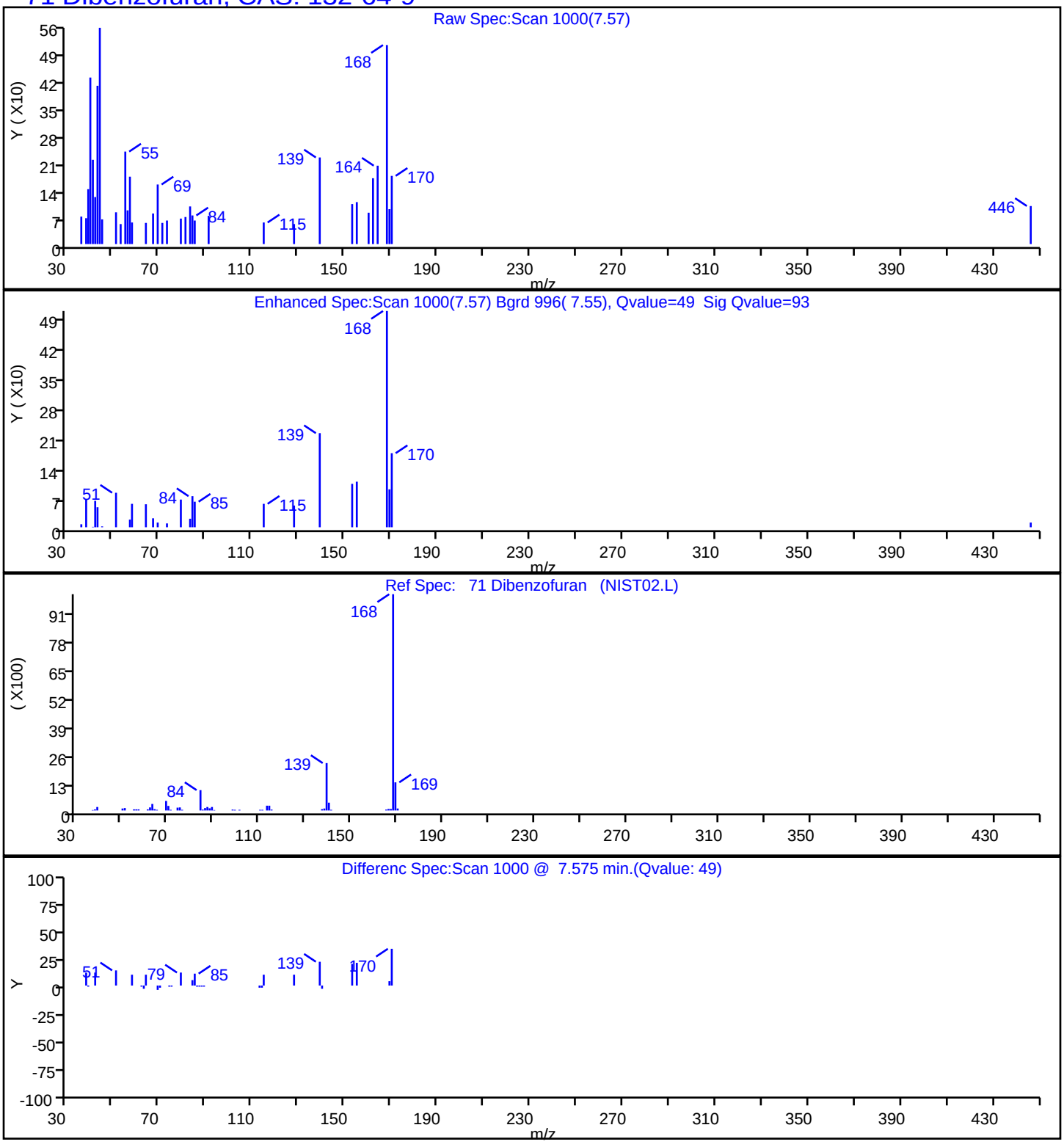
61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

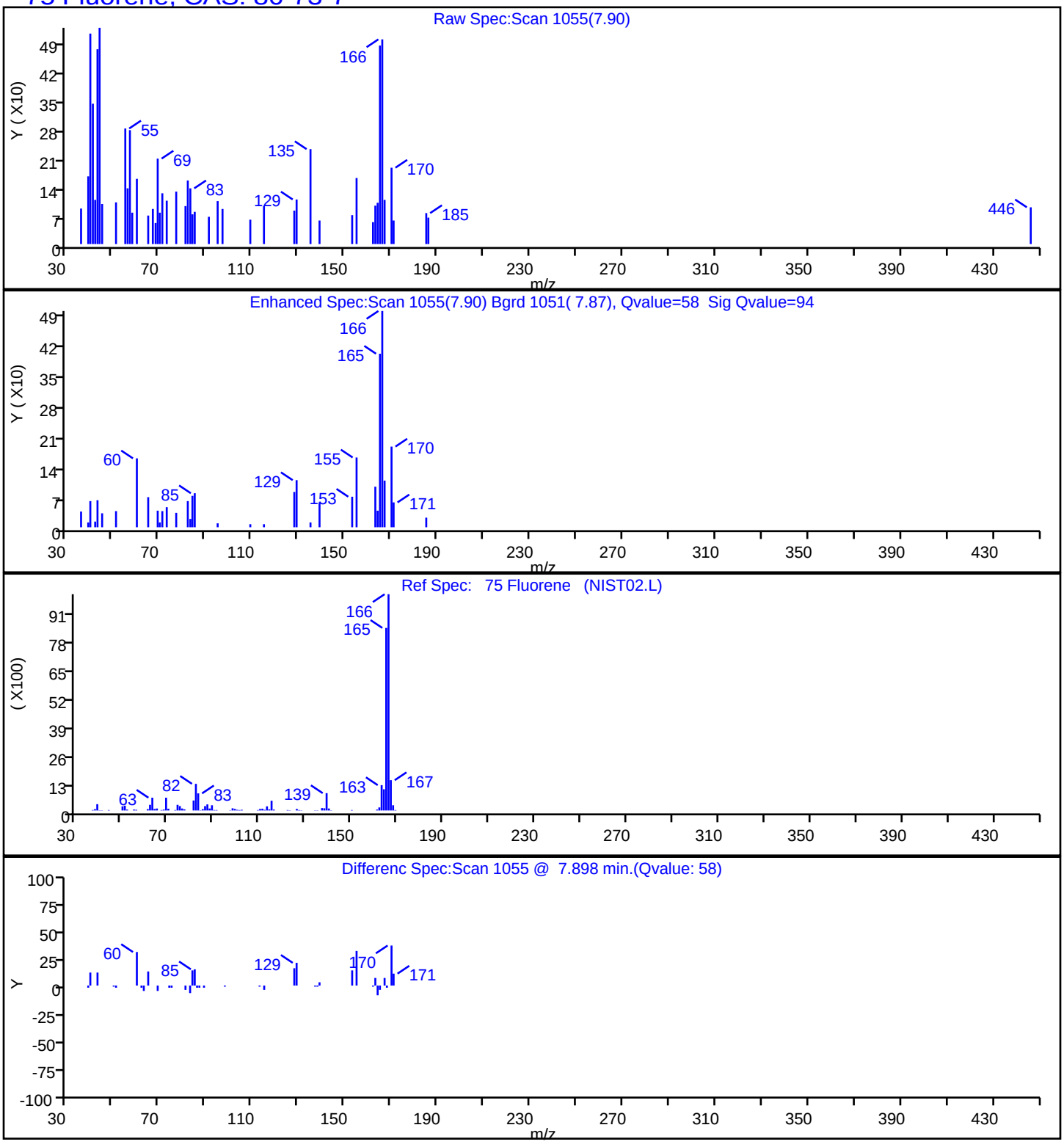
71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

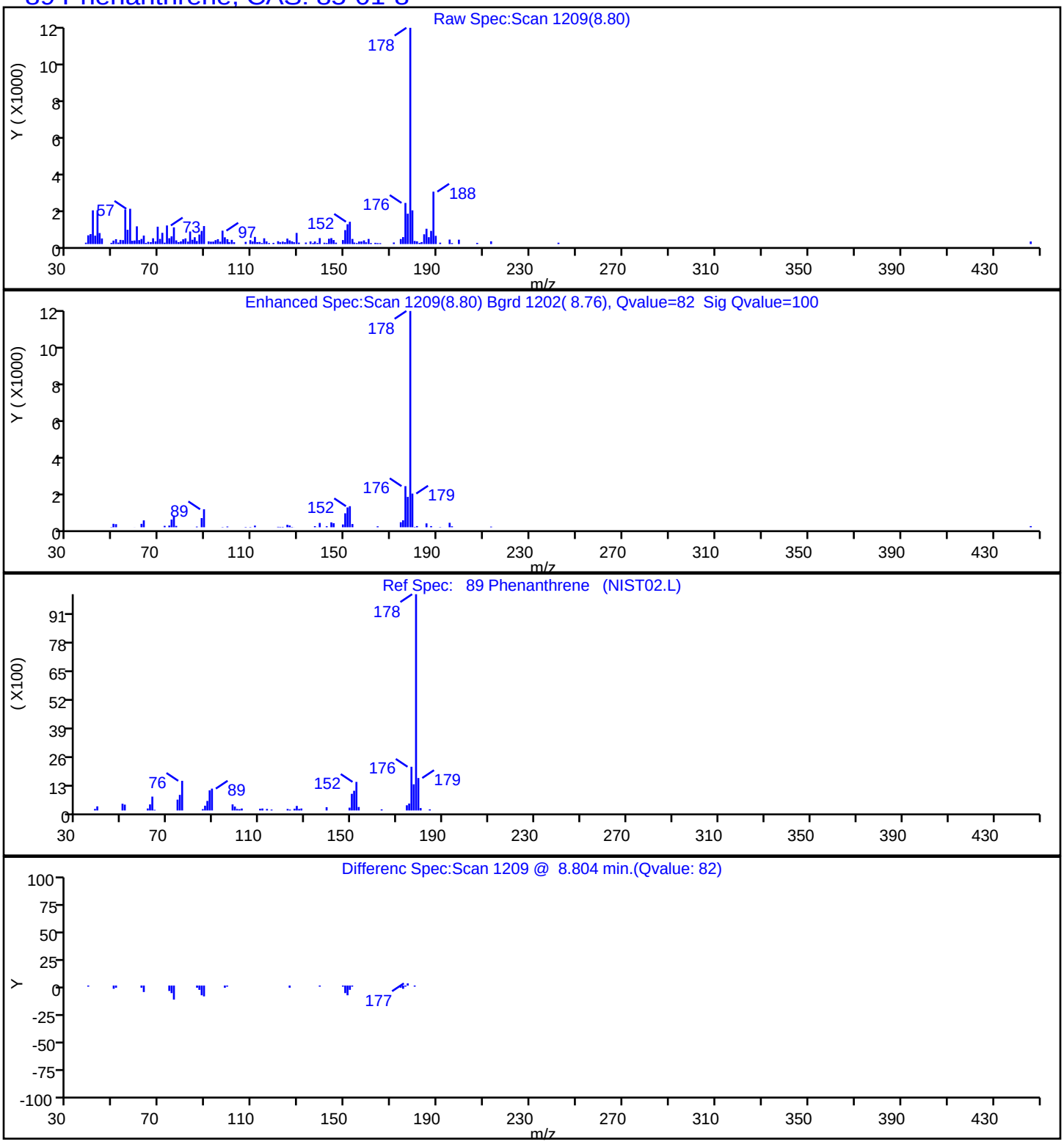
75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

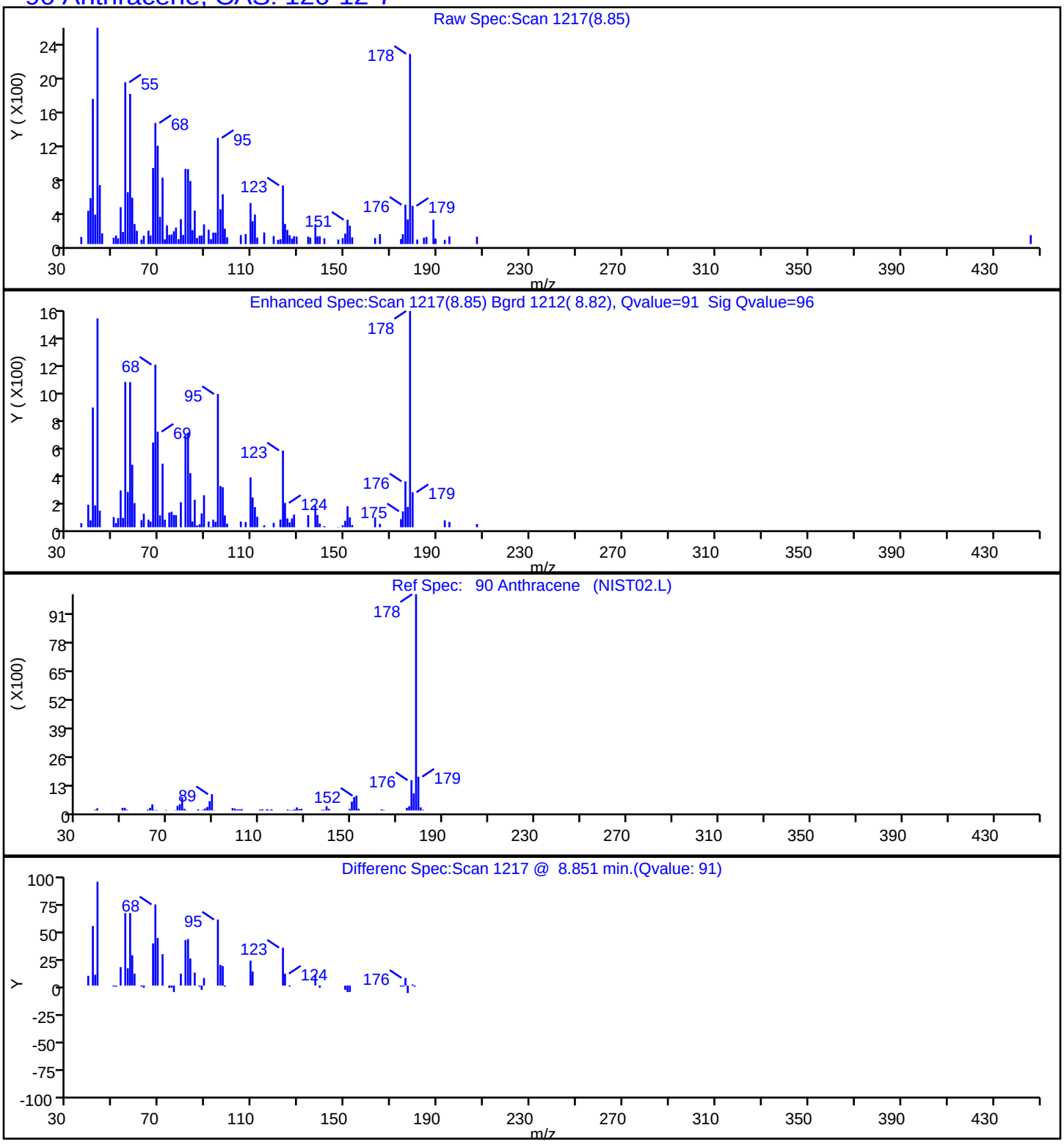
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

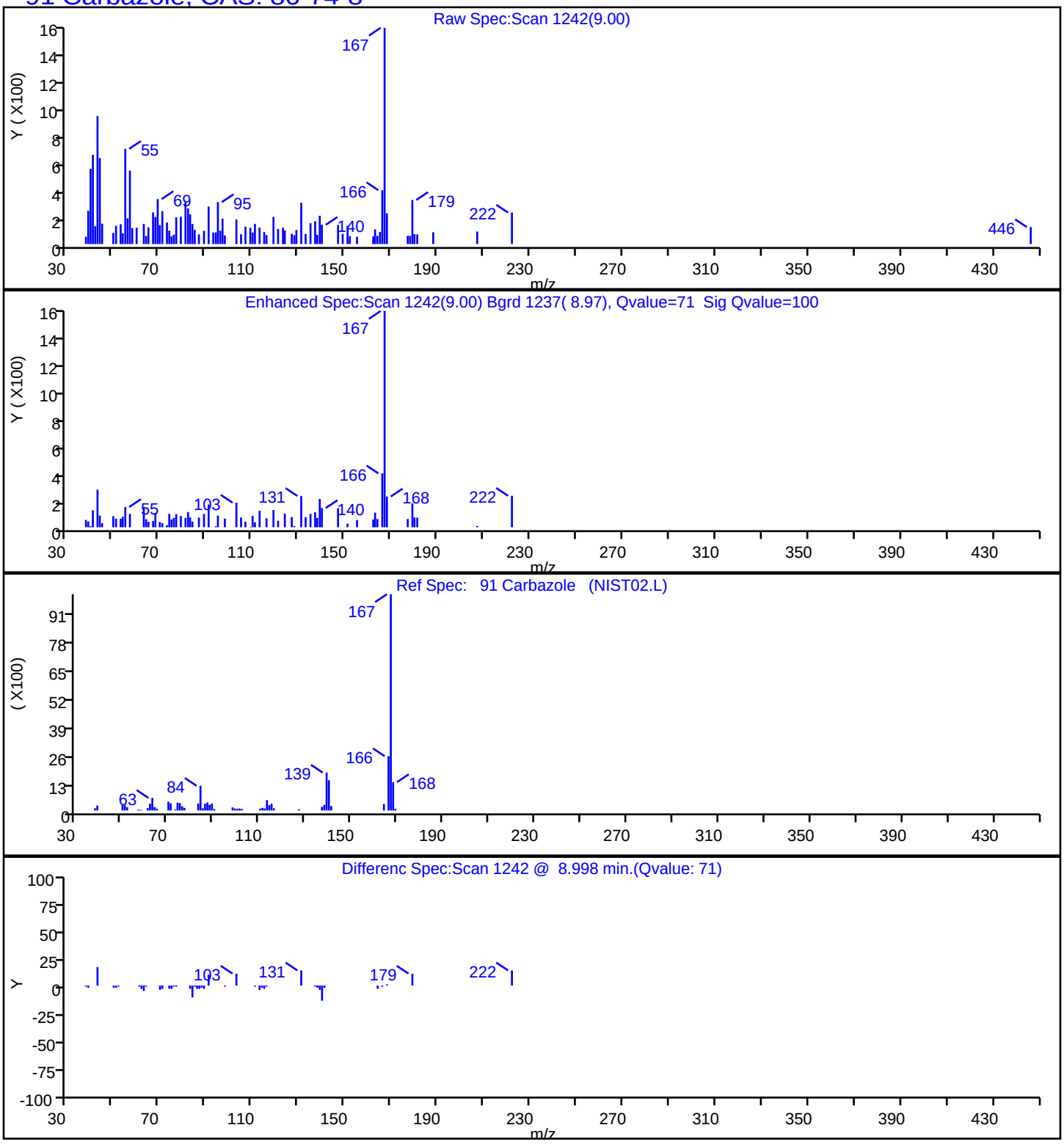
90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

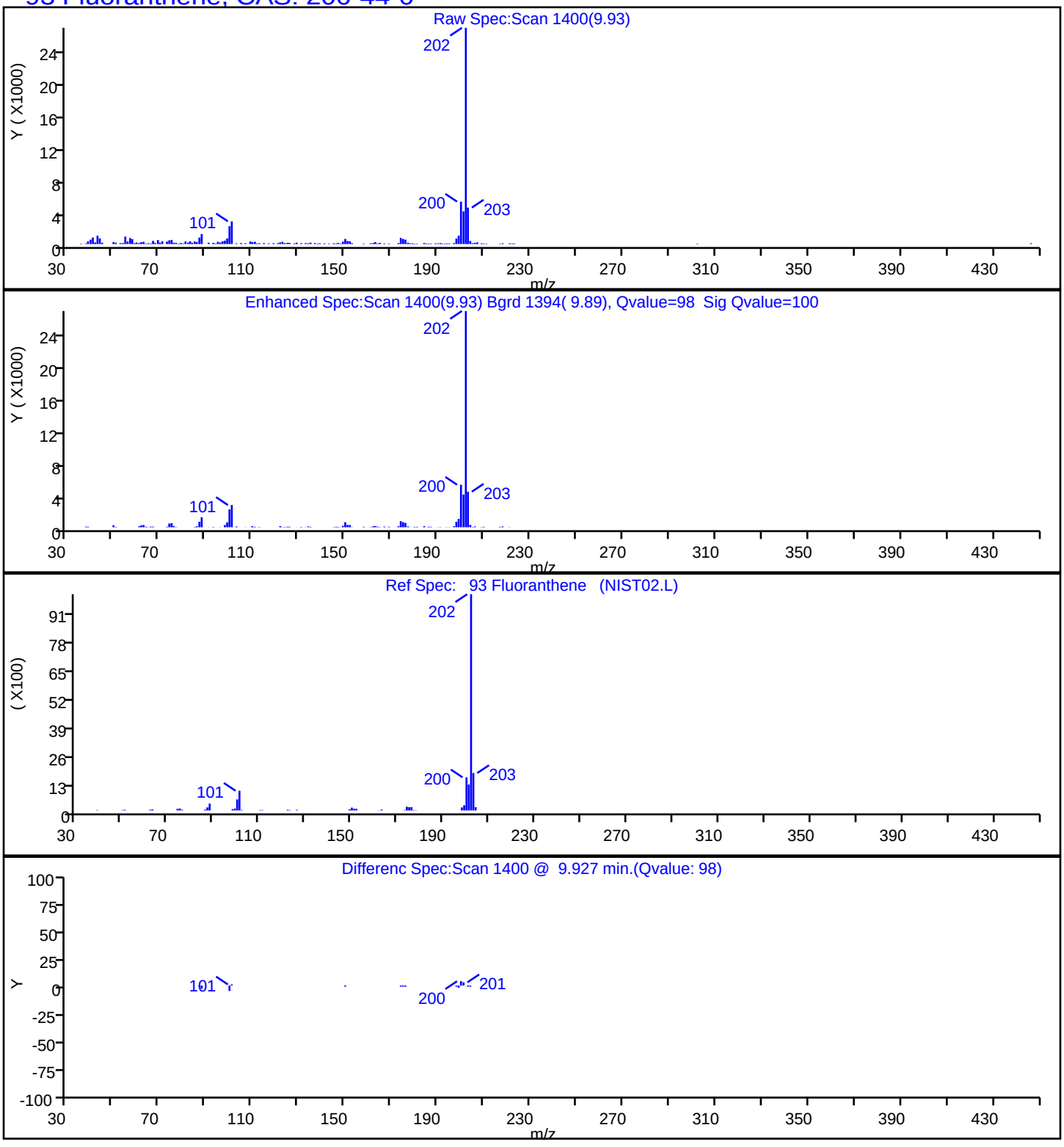
91 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

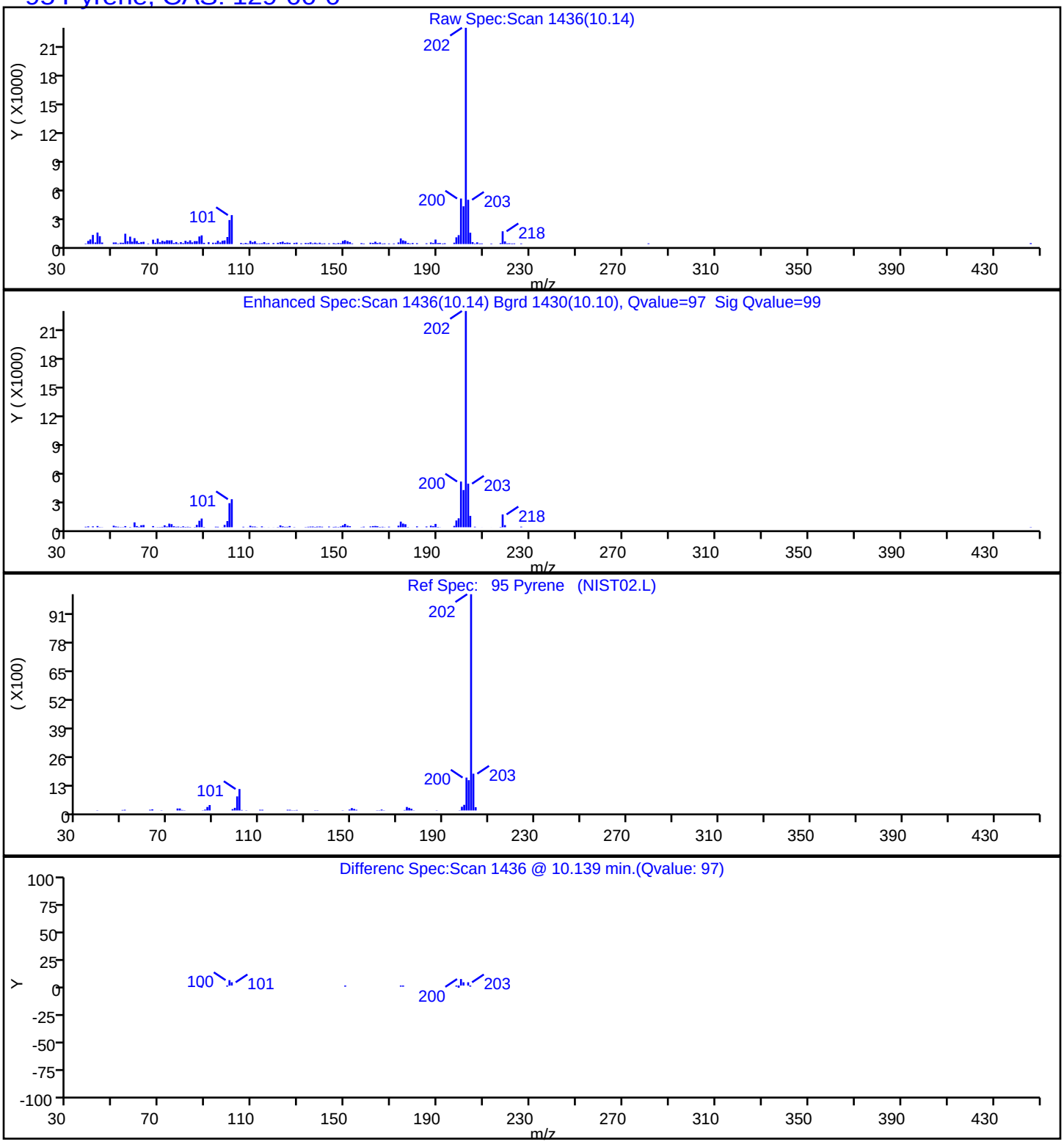
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

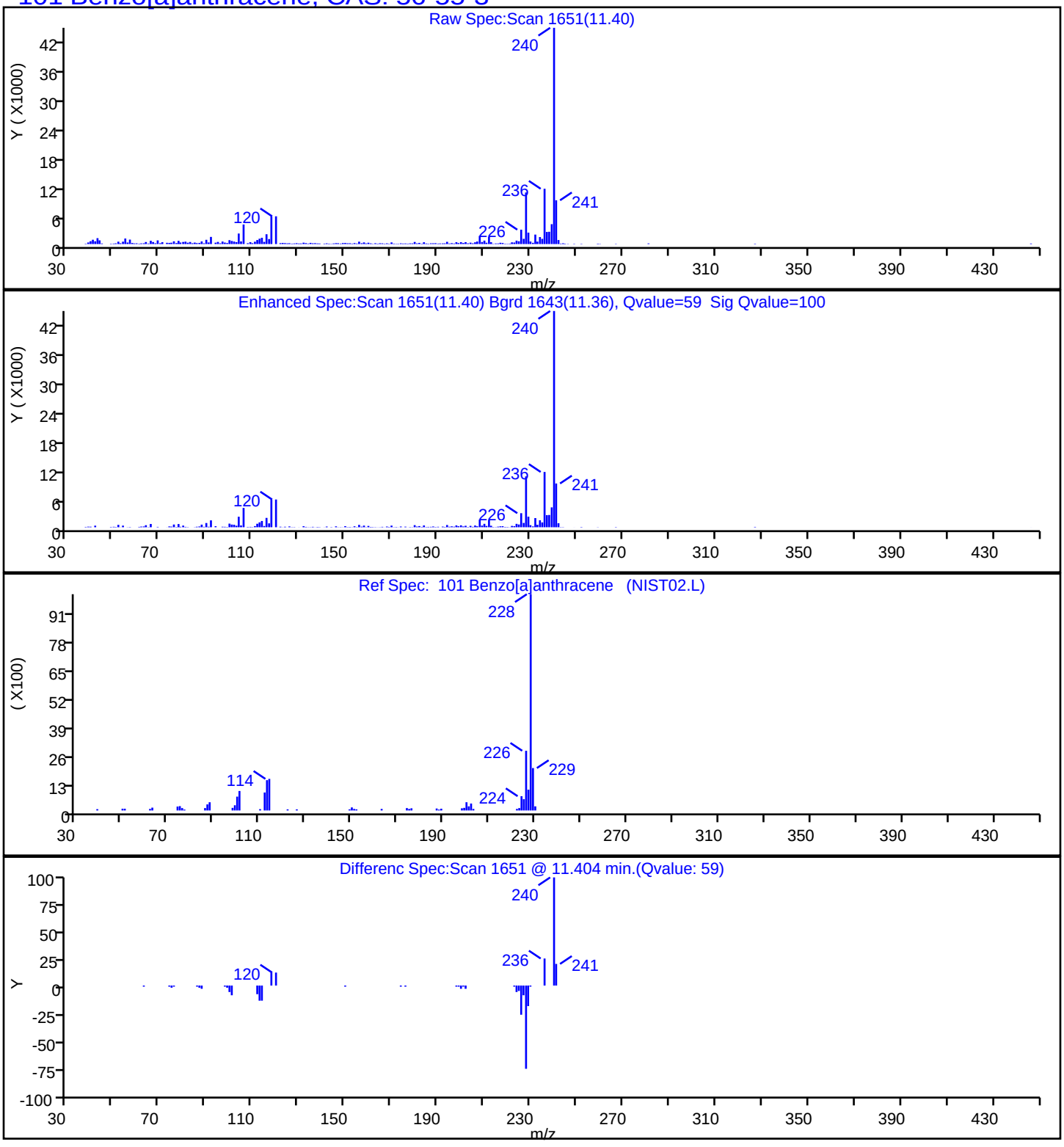
95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

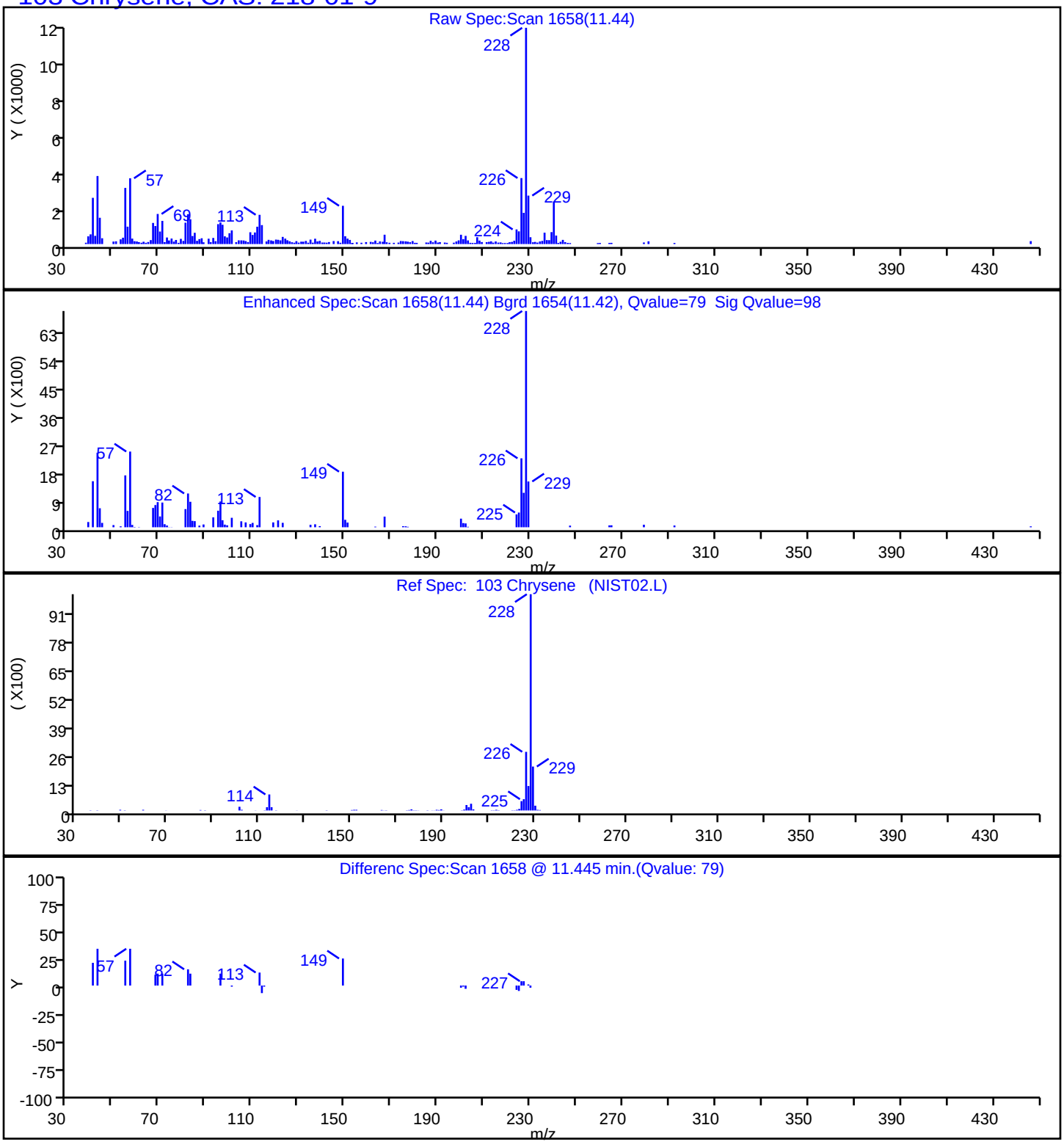
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

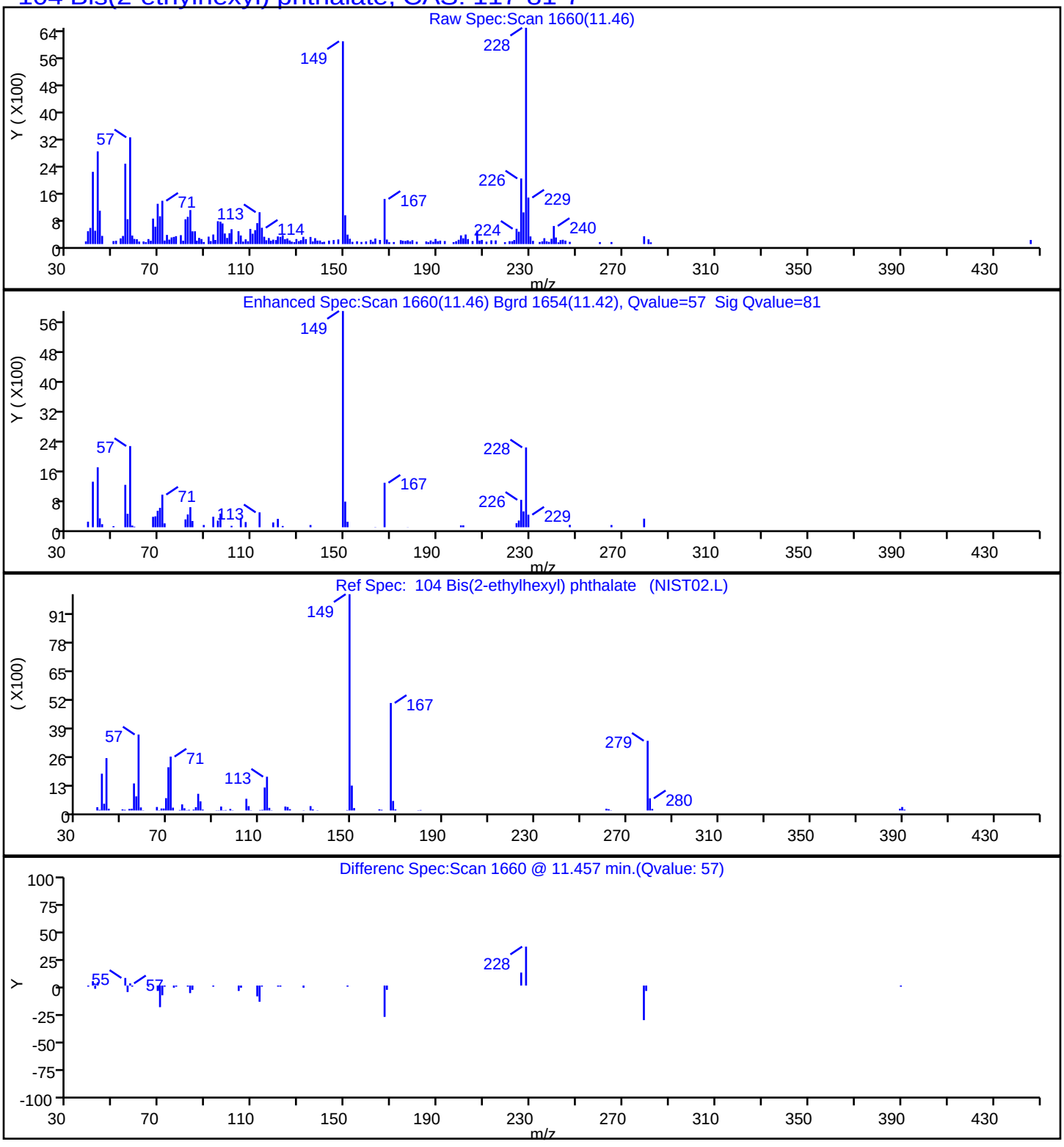
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

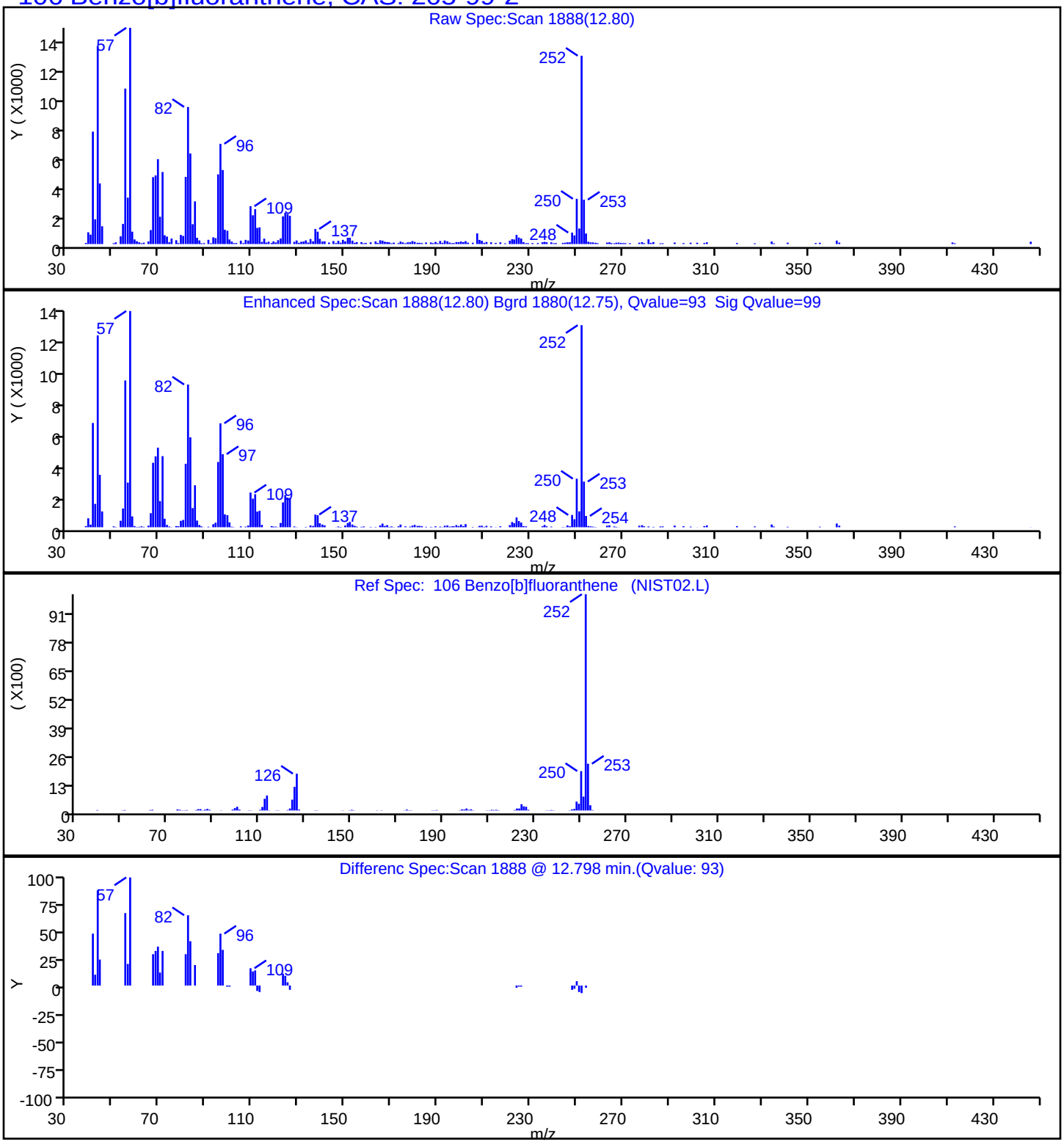
104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

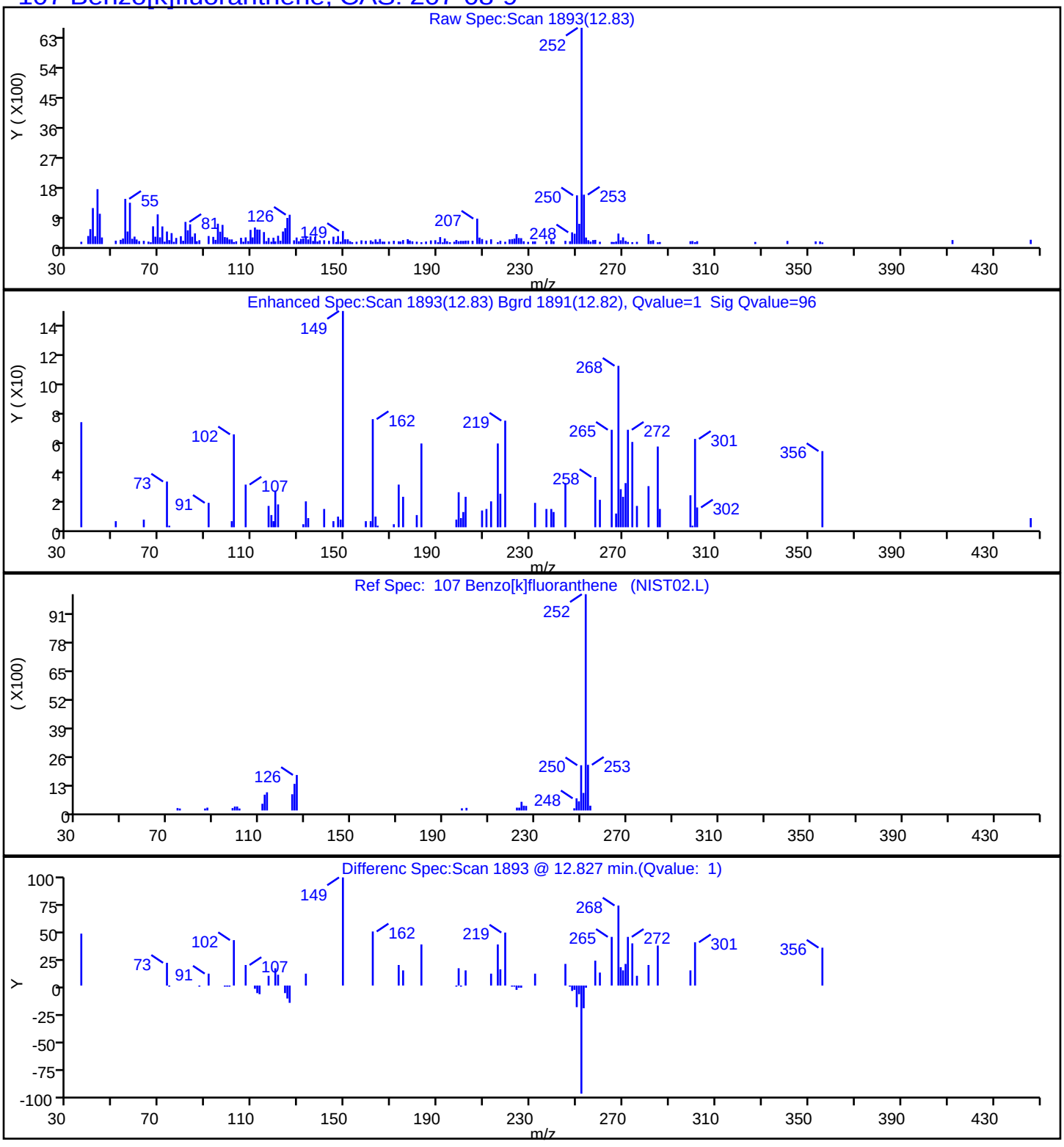
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

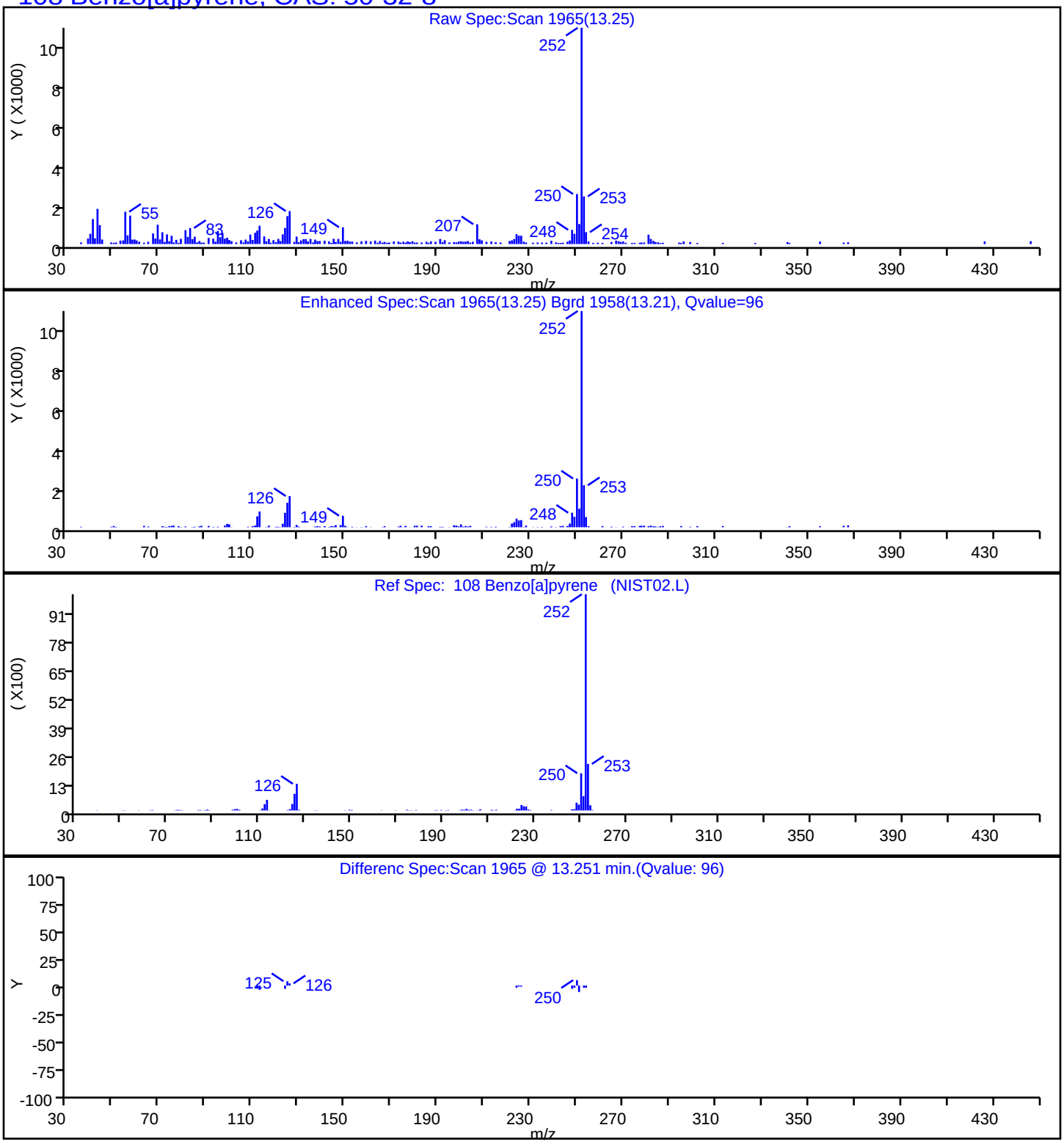
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

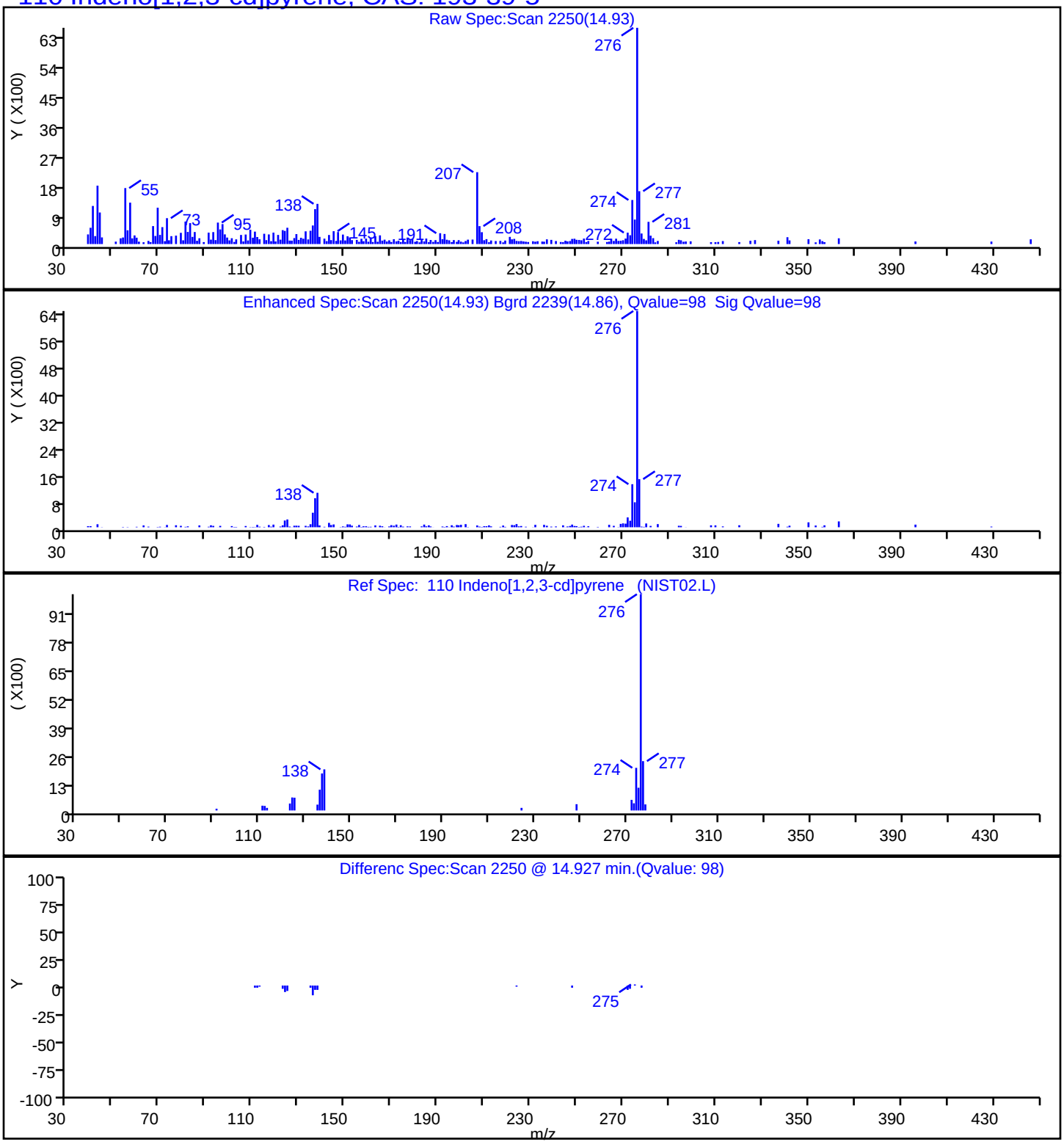
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

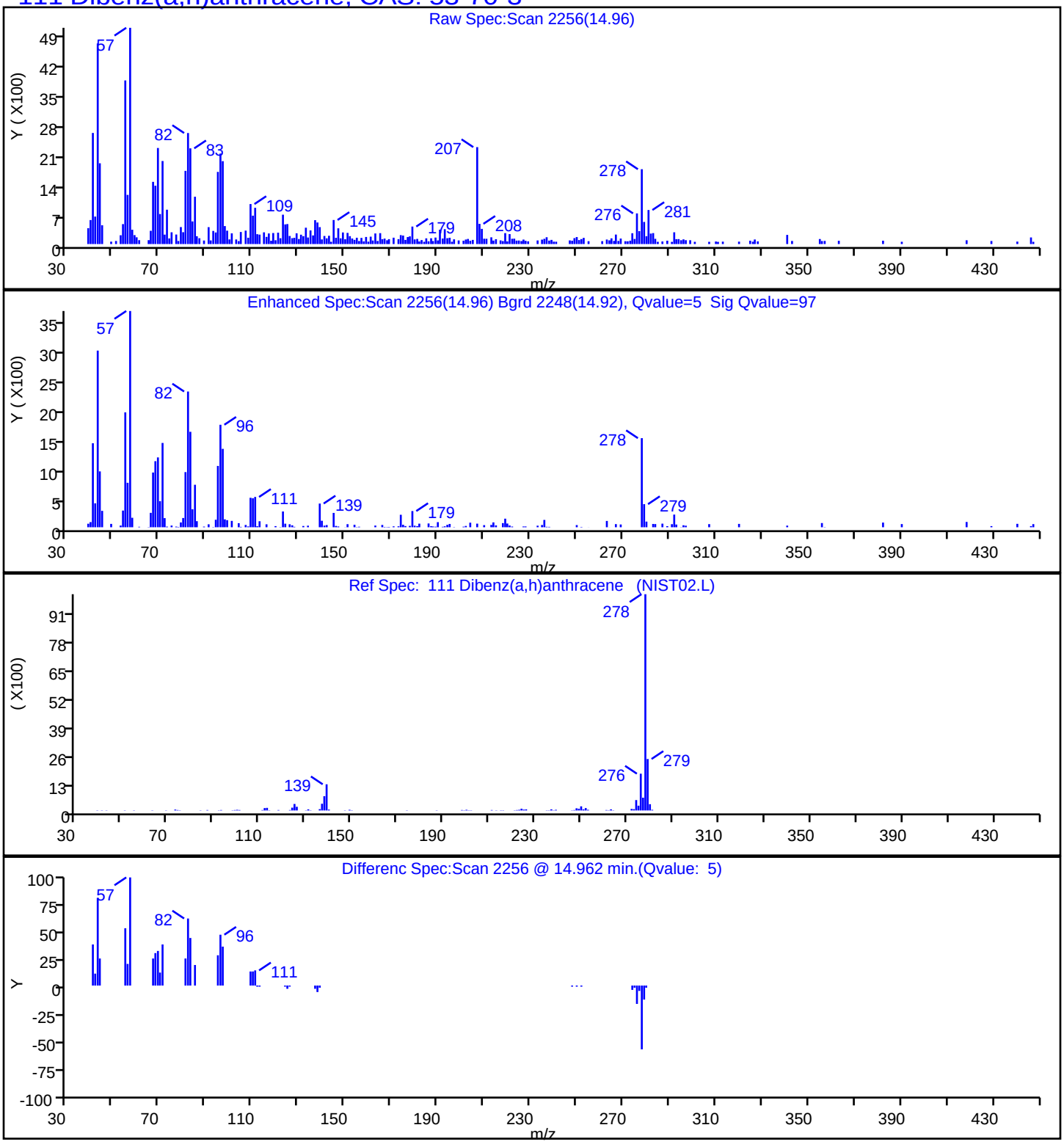
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

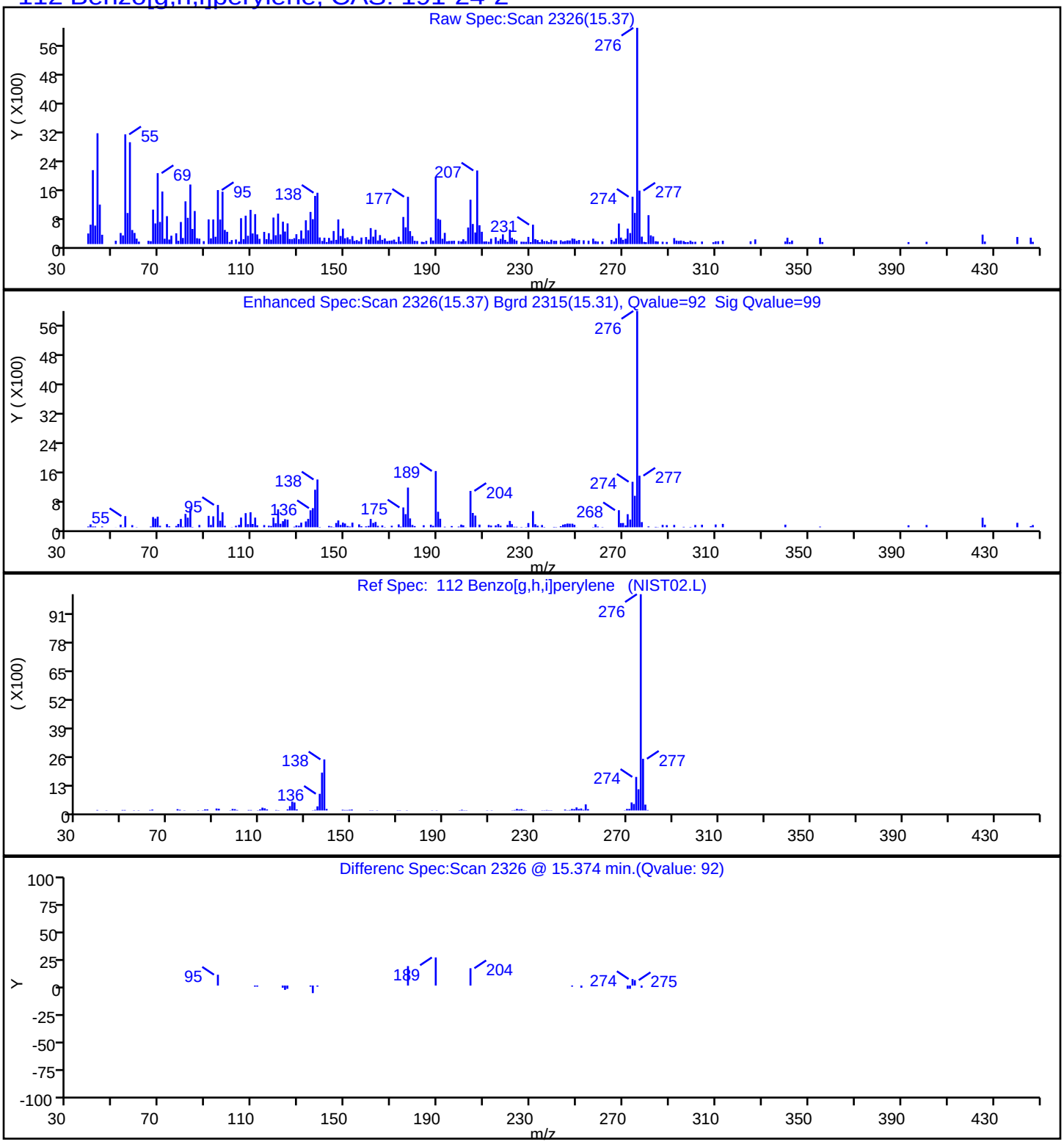
111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

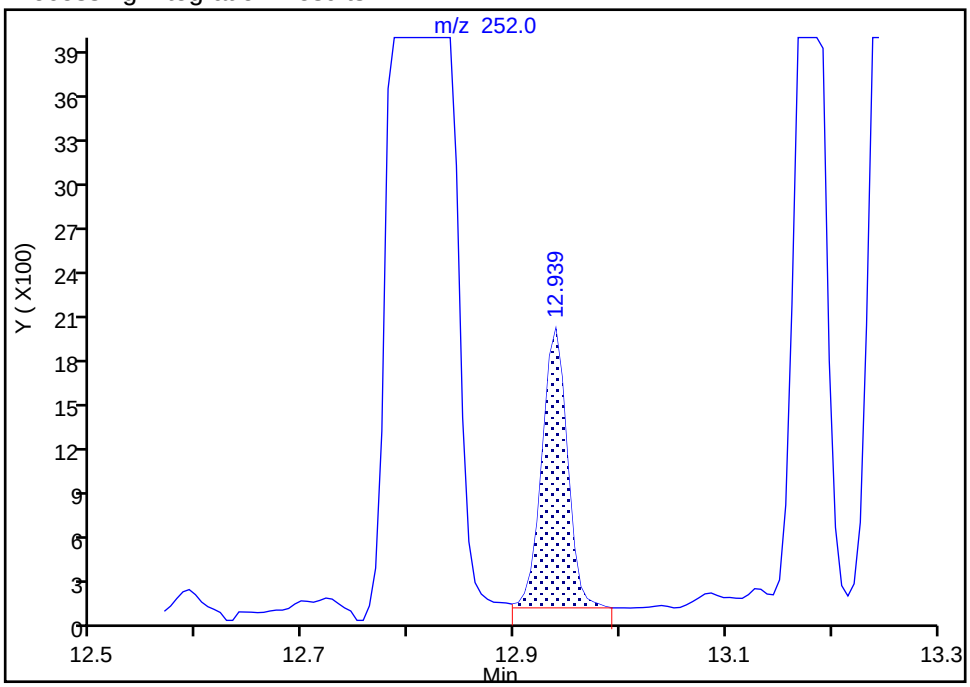
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d		
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5
Client ID:	HA-3		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

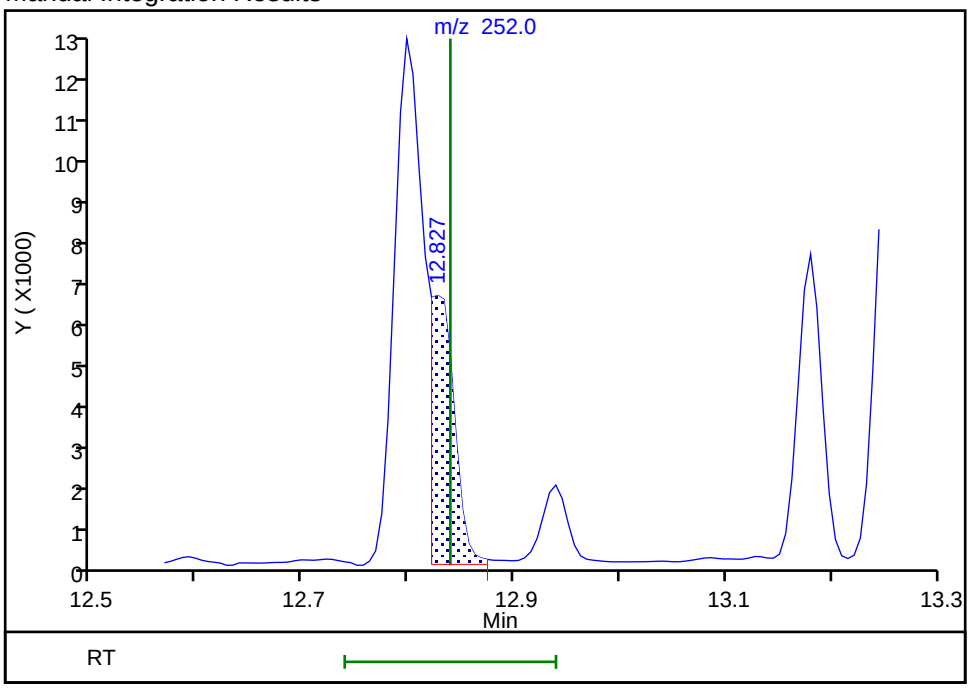
Processing Integration Results

RT: 12.94
Area: 3124
Amount: 0.367929
Amount Units: ug/ml



Manual Integration Results

RT: 12.83
Area: 10621
Amount: 1.250889
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:12:03

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

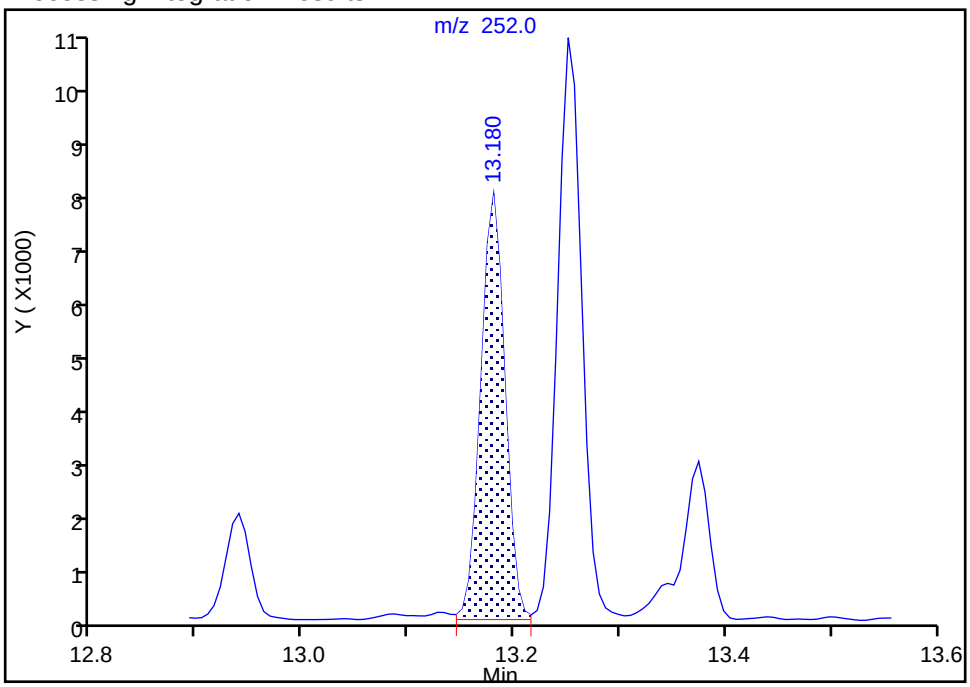
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d		
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5
Client ID:	HA-3		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

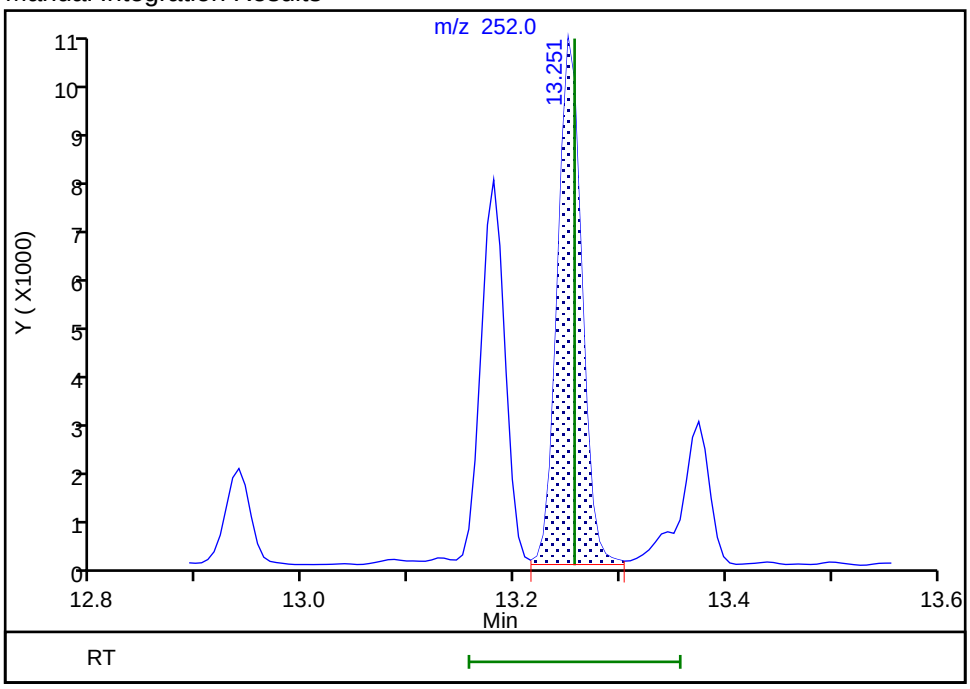
Processing Integration Results

RT: 13.18
Area: 11954
Amount: 1.519812
Amount Units: ug/ml



Manual Integration Results

RT: 13.25
Area: 16485
Amount: 2.095876
Amount Units: ug/ml

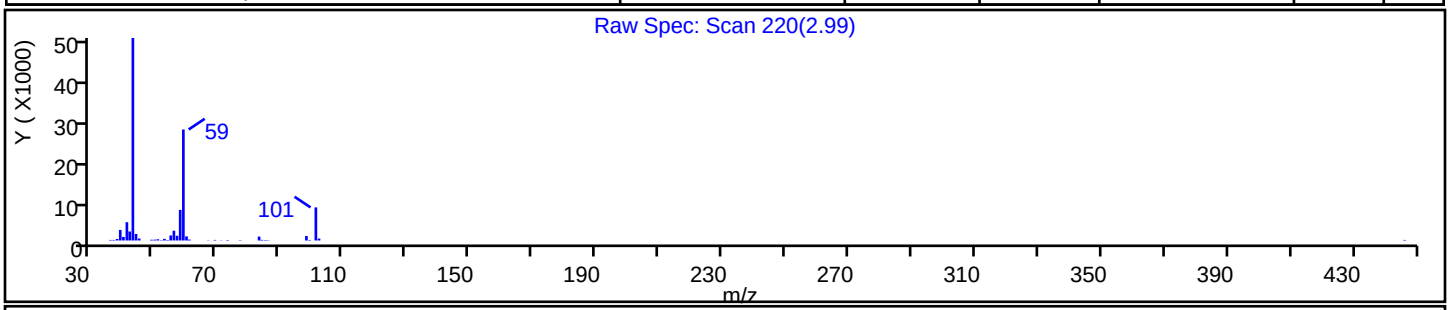


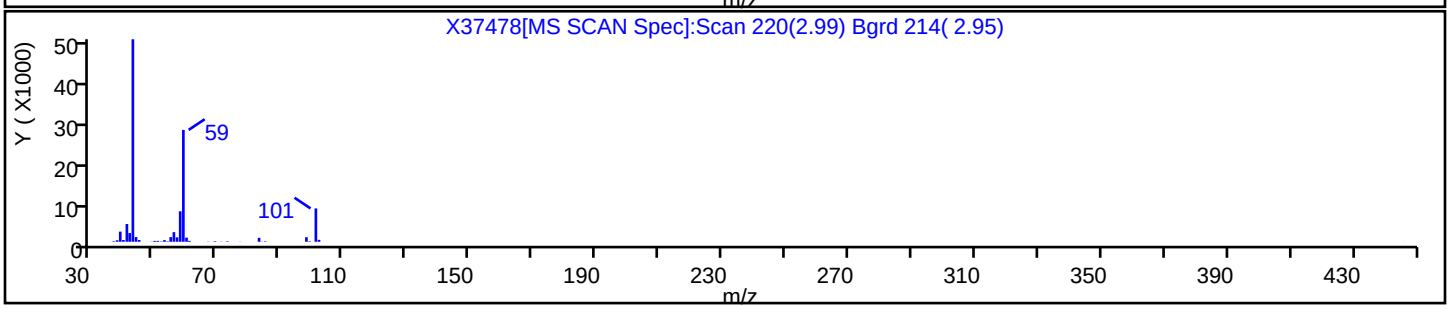
Reviewer: eisam, 02-Nov-2021 00:12:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d		
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5
Client ID:	HA-3		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

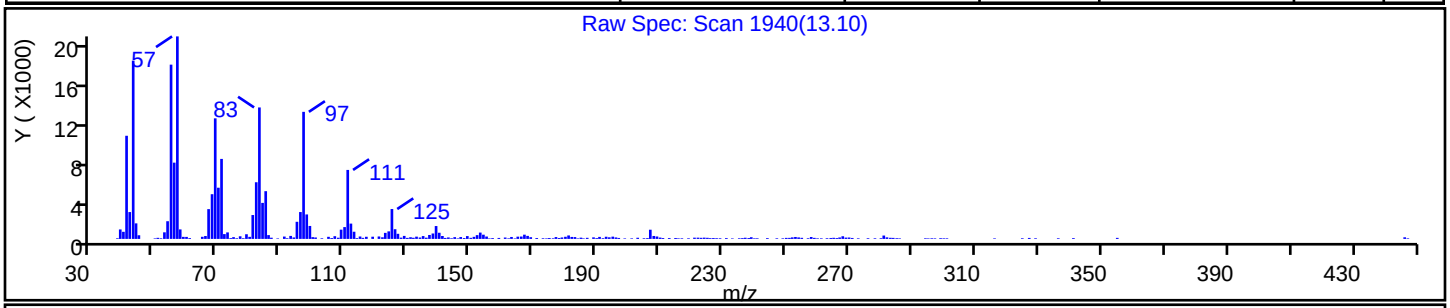


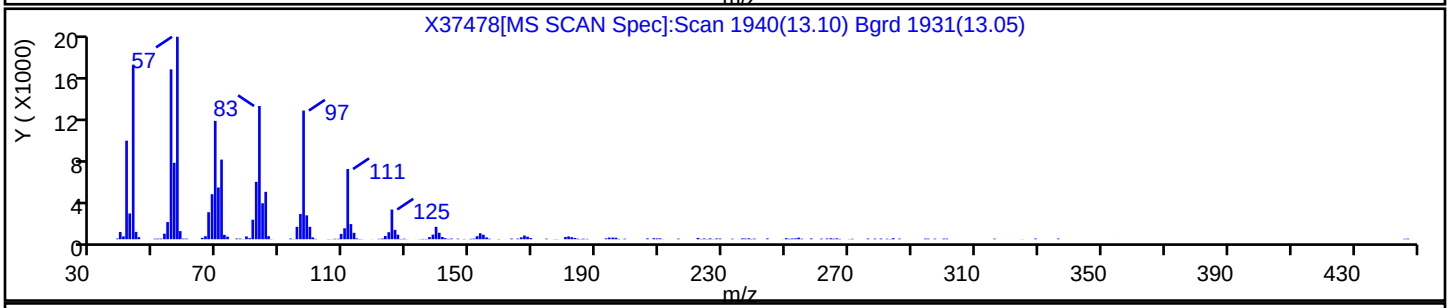


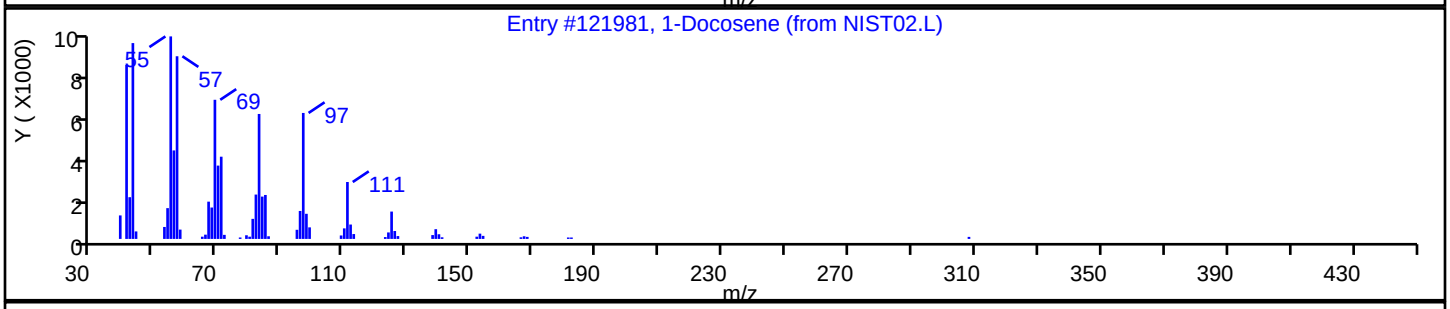
Eurofins TestAmerica, Edison

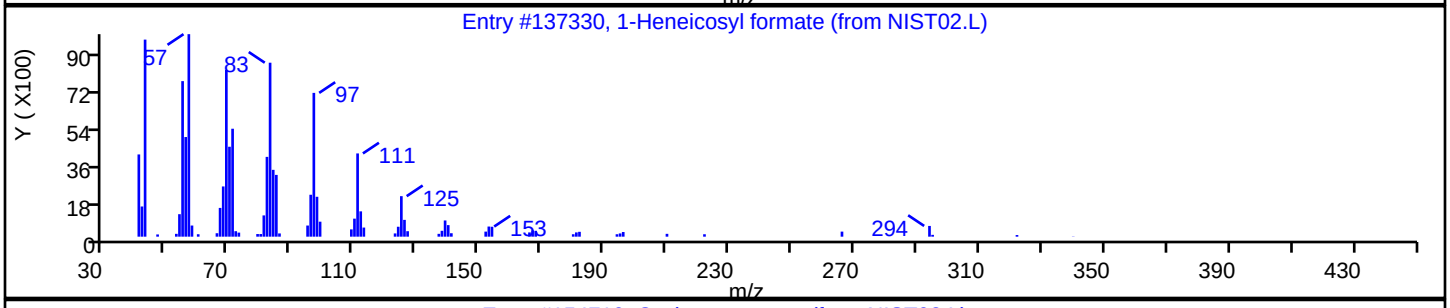
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d
Injection Date: 01-Nov-2021 19:23:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-E-5-C Lab Sample ID: 460-246210-5
Client ID: HA-3
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

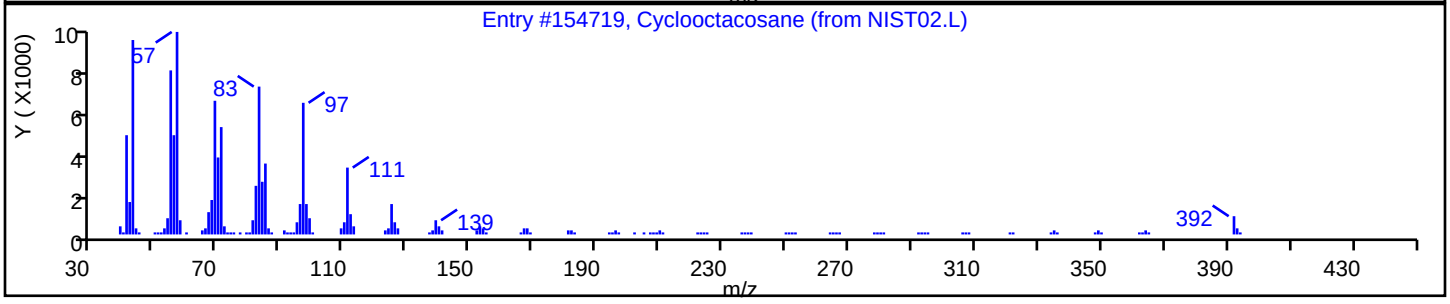
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	91
1-Heneicosyl formate	77899-03-7	NIST02.L	137330	C22H44O2	340	91
Cyclooctacosane	297-24-5	NIST02.L	154719	C28H56	392	91









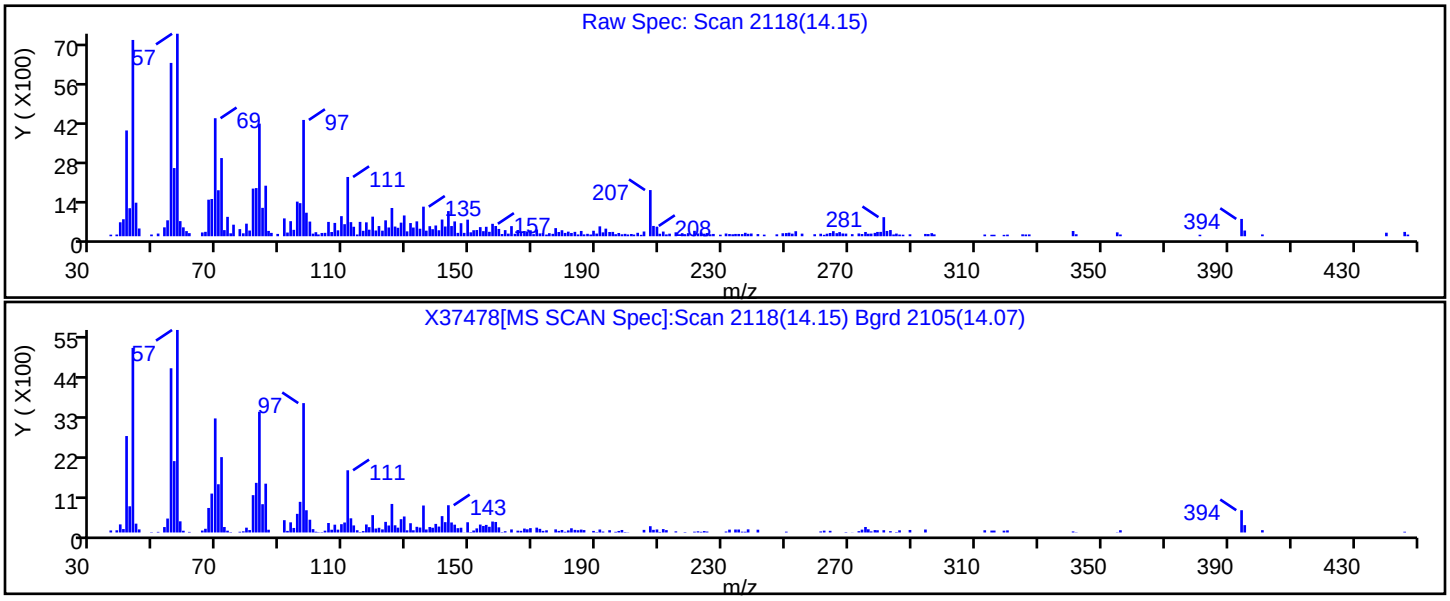


Report Date: 02-Nov-2021 14:31:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d				
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5		
Client ID:	HA-3				
Operator ID:		ALS Bottle#:	26	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d

Injection Date: 01-Nov-2021 19:23:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-E-5-C Lab Sample ID: 460-246210-5

Client ID: HA-3

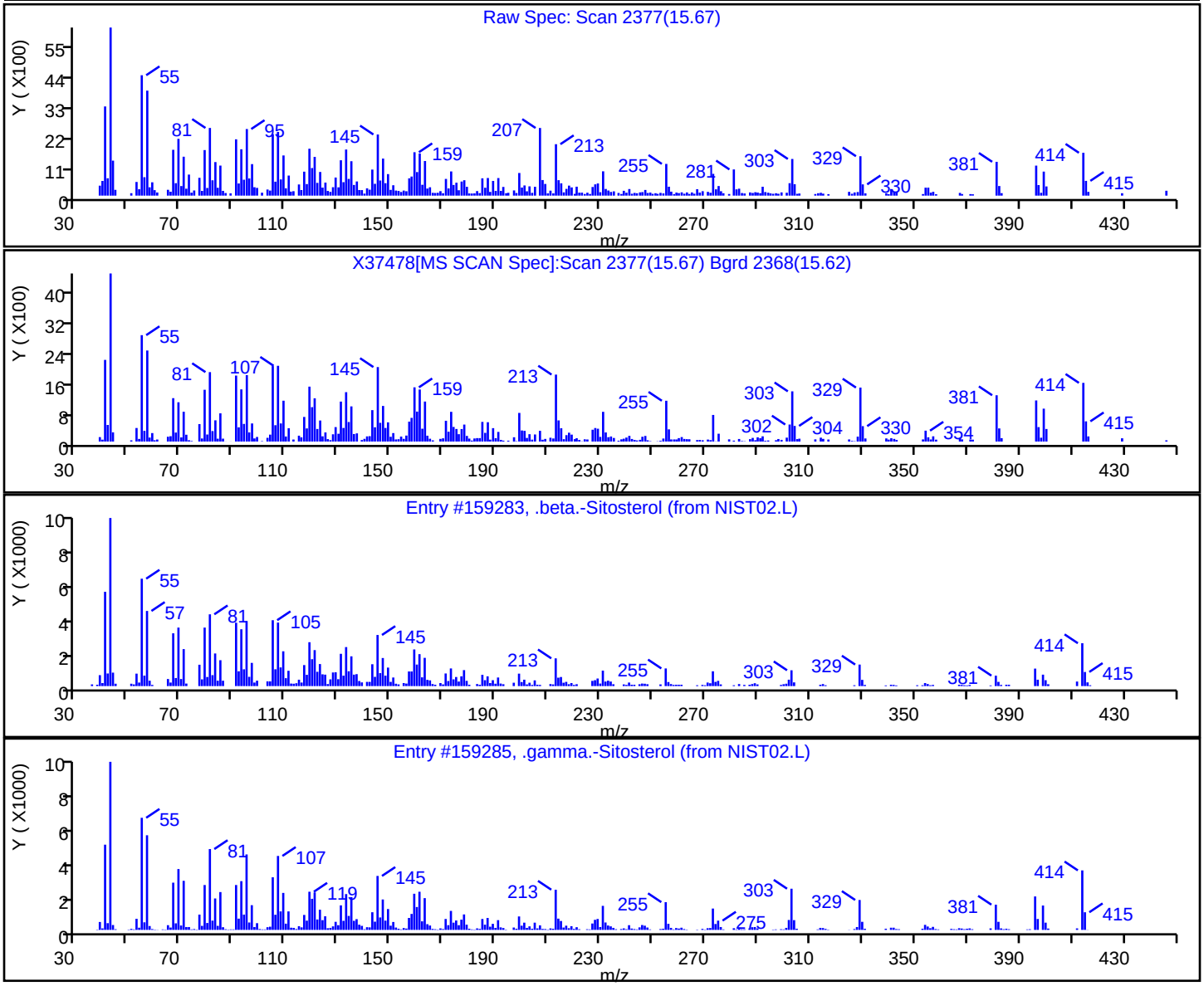
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

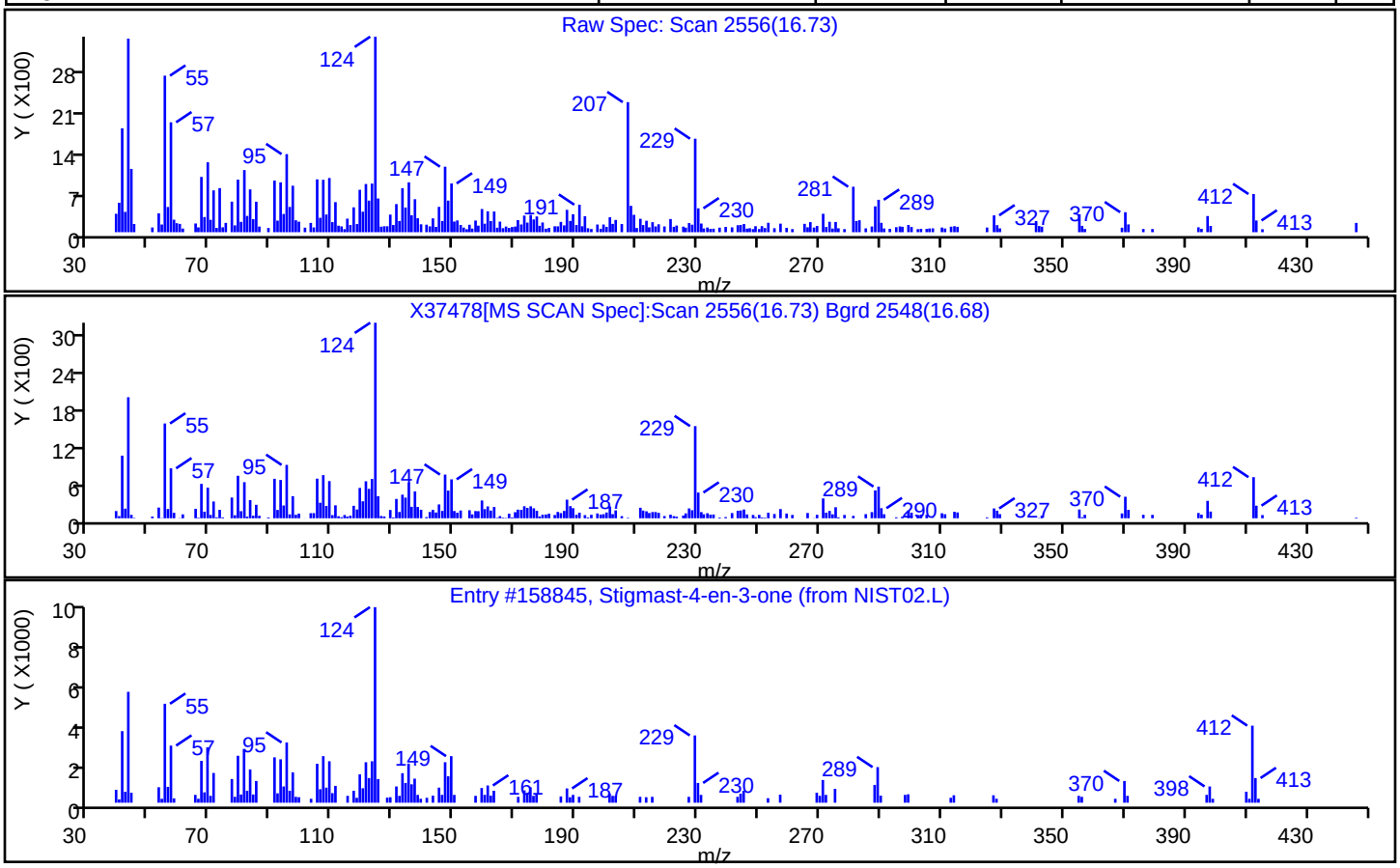
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.beta.-Sitosterol	83-46-5	NIST02.L	159283	C29H50O	414	96
.gamma.-Sitosterol	83-47-6	NIST02.L	159285	C29H50O	414	95



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37478.d		
Injection Date:	01-Nov-2021 19:23:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-5-C	Lab Sample ID:	460-246210-5
Client ID:	HA-3		
Operator ID:		ALS Bottle#:	26 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	99



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: X37479.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:05

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.015	U	0.42	0.015
95-57-8	2-Chlorophenol	0.015	U	0.42	0.015
95-48-7	2-Methylphenol	0.016	U	0.42	0.016
106-44-5	4-Methylphenol	0.026	U	0.42	0.026
88-75-5	2-Nitrophenol	0.042	U	0.42	0.042
105-67-9	2,4-Dimethylphenol	0.018	U	0.42	0.018
120-83-2	2,4-Dichlorophenol	0.027	U	0.17	0.027
59-50-7	4-Chloro-3-methylphenol	0.023	U	0.42	0.023
88-06-2	2,4,6-Trichlorophenol	0.054	U	0.17	0.054
95-95-4	2,4,5-Trichlorophenol	0.043	U	0.42	0.043
121-14-2	2,4-Dinitrotoluene	0.045	U	0.085	0.045
100-02-7	4-Nitrophenol	0.068	U	0.85	0.068
534-52-1	4,6-Dinitro-2-methylphenol	0.17	U	0.34	0.17
87-86-5	Pentachlorophenol	0.086	U	0.34	0.086
111-44-4	Bis(2-chloroethyl)ether	0.015	U	0.042	0.015
541-73-1	1,3-Dichlorobenzene	0.0055	U	0.42	0.0055
106-46-7	1,4-Dichlorobenzene	0.016	U	0.42	0.016
95-50-1	1,2-Dichlorobenzene	0.0071	U	0.42	0.0071
621-64-7	N-Nitrosodi-n-propylamine	0.030	U	0.042	0.030
67-72-1	Hexachloroethane	0.014	U	0.042	0.014
98-95-3	Nitrobenzene	0.010	U	0.042	0.010
78-59-1	Isophorone	0.12	U	0.17	0.12
120-82-1	1,2,4-Trichlorobenzene	0.011	U	0.042	0.011
91-20-3	Naphthalene	0.023	J	0.42	0.0072
87-68-3	Hexachlorobutadiene	0.0089	U	0.085	0.0089
91-57-6	2-Methylnaphthalene	0.012	U	0.42	0.012
77-47-4	Hexachlorocyclopentadiene	0.037	U	0.42	0.037
91-58-7	2-Chloronaphthalene	0.019	U	0.42	0.019
88-74-4	2-Nitroaniline	0.016	U	0.42	0.016
131-11-3	Dimethyl phthalate	0.095	U	0.42	0.095
208-96-8	Acenaphthylene	0.0075	J	0.42	0.0042
606-20-2	2,6-Dinitrotoluene	0.030	U	0.085	0.030
99-09-2	3-Nitroaniline	0.047	U	0.42	0.047
83-32-9	Acenaphthene	0.012	U	0.42	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: X37479.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:05

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0071	J	0.42	0.0059
51-28-5	2,4-Dinitrophenol	0.21	U	0.34	0.21
84-66-2	Diethyl phthalate	0.0060	U	0.42	0.0060
7005-72-3	4-Chlorophenyl phenyl ether	0.015	U	0.42	0.015
86-73-7	Fluorene	0.0096	J	0.42	0.0057
100-01-6	4-Nitroaniline	0.048	U	0.42	0.048
86-30-6	N-Nitrosodiphenylamine	0.034	U	0.42	0.034
101-55-3	4-Bromophenyl phenyl ether	0.017	U	0.42	0.017
118-74-1	Hexachlorobenzene	0.020	U	0.042	0.020
85-01-8	Phenanthrene	0.16	J	0.42	0.0073
120-12-7	Anthracene	0.028	J	0.42	0.013
86-74-8	Carbazole	0.018	J	0.42	0.016
84-74-2	Di-n-butyl phthalate	0.016	U	0.42	0.016
206-44-0	Fluoranthene	0.26	J	0.42	0.015
129-00-0	Pyrene	0.26	J	0.42	0.010
85-68-7	Butyl benzyl phthalate	0.020	U	0.42	0.020
56-55-3	Benzo[a]anthracene	0.14		0.042	0.015
218-01-9	Chrysene	0.15	J	0.42	0.0071
117-81-7	Bis(2-ethylhexyl) phthalate	0.15	J	0.42	0.022
117-84-0	Di-n-octyl phthalate	0.022	U	0.42	0.022
205-99-2	Benzo[b]fluoranthene	0.21		0.042	0.011
207-08-9	Benzo[k]fluoranthene	0.070		0.042	0.0082
50-32-8	Benzo[a]pyrene	0.13		0.042	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.10		0.042	0.016
53-70-3	Dibenz(a,h)anthracene	0.023	J	0.042	0.018
191-24-2	Benzo[g,h,i]perylene	0.099	J	0.42	0.012
108-60-1	2,2'-oxybis[1-chloropropane]	0.0076	U	0.42	0.0076
91-94-1	3,3'-Dichlorobenzidine	0.063	U	0.17	0.063
111-91-1	Bis(2-chloroethoxy)methane	0.033	U	0.42	0.033

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: X37479.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:05

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	55		11-104
4165-62-2	Phenol-d5	59		15-100
1718-51-0	Terphenyl-d14	77		12-126
118-79-6	2,4,6-Tribromophenol	76		10-123
367-12-4	2-Fluorophenol	63		10-105
321-60-8	2-Fluorobiphenyl	64		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: X37479.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:05

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 19:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 10 TIC Result Total: 10.4

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	3.00	1.9	A J	
32383-76-9	6H-Benzofuro[3,2-c][1]benzopyran-3-ol, 6a,11a-dihydro-9-meth	11.76	0.36	J N	90%
6971-40-0	17-Pentatriacontene	12.14	0.44	J N	91%
1599-67-3	1-Docosene	13.10	1.8	J N	91%
638-66-4	Octadecanal	13.82	0.52	J N	94%
6418-46-8	Eicosane, 3-methyl-	14.11	0.35	J N	91%
	Unknown	14.15	0.84	J	
83-48-7	Stigmasterol	15.24	0.49	J N	91%
1000214-20-7	Stigmasterol, 22,23-dihydro-	15.67	2.5	J N	97%
1058-61-3	Stigmast-4-en-3-one	16.73	1.2	J N	95%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Lims ID: 460-246210-F-6-C
Client ID: HA-4
Sample Type: Client
Inject. Date: 01-Nov-2021 19:47:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-027
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:32:08 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:15:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.293	3.287	0.006	92	78340	31.7	
$ 6 Phenol-d5	99	4.169	4.169	0.000	97	89348	29.7	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	72681	40.0	
$ 26 Nitrobenzene-d5	82	5.039	5.046	-0.007	91	76159	27.6	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	272476	40.0	
39 Naphthalene	128	5.745	5.751	-0.006	45	1941	0.2792	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	97	179755	32.1	
61 Acenaphthylene	152	7.251	7.251	0.000	58	640	0.0895	
* 65 Acenaphthene-d10	164	7.386	7.387	-0.001	98	152247	40.0	
71 Dibenzofuran	168	7.575	7.581	-0.006	48	527	0.0846	
75 Fluorene	166	7.898	7.904	-0.006	58	560	0.1137	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	-0.001	89	46015	38.0	
* 88 Phenanthrene-d10	188	8.780	8.781	-0.001	98	274172	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	85	13291	1.87	
90 Anthracene	178	8.851	8.851	0.000	64	2417	0.3324	
91 Carbazole	167	9.004	9.004	0.000	66	1429	0.2149	
93 Fluoranthene	202	9.927	9.928	-0.001	98	24857	3.12	
95 Pyrene	202	10.139	10.139	0.000	97	22512	3.08	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	248346	38.4	
101 Benzo[a]anthracene	228	11.410	11.410	0.000	50	12154	1.64	
* 102 Chrysene-d12	240	11.421	11.422	-0.001	99	237058	40.0	
103 Chrysene	228	11.445	11.433	-0.006	79	12700	1.82	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	55	8254	1.81	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	75	19177	2.48	
107 Benzo[k]fluoranthene	252	12.821	12.839	-0.018	1	6561	0.8283	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	97	11132	1.52	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	270080	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	98	9416	1.23	
111 Dibenz(a,h)anthracene	278	14.962	14.974	-0.012	1	2160	0.2716	
112 Benzo[g,h,i]perylene	276	15.374	15.386	-0.012	88	9707	1.17	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Lims ID: 460-246210-F-6-C
Client ID: HA-4
Sample Type: Client
Inject. Date: 01-Nov-2021 19:47:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-027
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:32:08 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:15:26

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.998	245943	22.5	14	0	0		0	
32383-76-9		6H-Benzofuro[3,2-c][1]benzopyran-3-ol, 6a,11a-dihydro-9-methoxy-, (6aR-cis)-						
11.763	80051	4.22	102	90	100531	C16H14O4	270	
6971-40-0		17-Pentatriacontene						
12.139	100091	5.28	102	91	168066	C35H70	491	
1599-67-3		1-Docosene						
13.104	379920	21.2	109	91	121981	C22H44	308	
638-66-4		Octadecanal						
13.821	110329	6.16	109	94	99447	C18H36O	268	
6418-46-8		Eicosane, 3-methyl-						
14.109	73983	4.13	109	91	115573	C21H44	296	
		Unknown						
14.151	178142	9.94	109					
83-48-7		Stigmasterol						
15.239	103681	5.79	109	91	158840	C29H48O	412	
1000214-20-7		Stigmasterol, 22,23-dihydro-						
15.674	527794	29.5	109	97	159291	C29H50O	414	
1058-61-3		Stigmast-4-en-3-one						
16.733	246929	13.8	109	95	158845	C29H48O	412	

Report Date: 02-Nov-2021 14:32:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	436354	40.0
* 102 Chrysene-d12	11.421	758219	40.0
* 109 Perylene-d12	13.339	716758	40.0

QC Flag Legend

Processing Flags

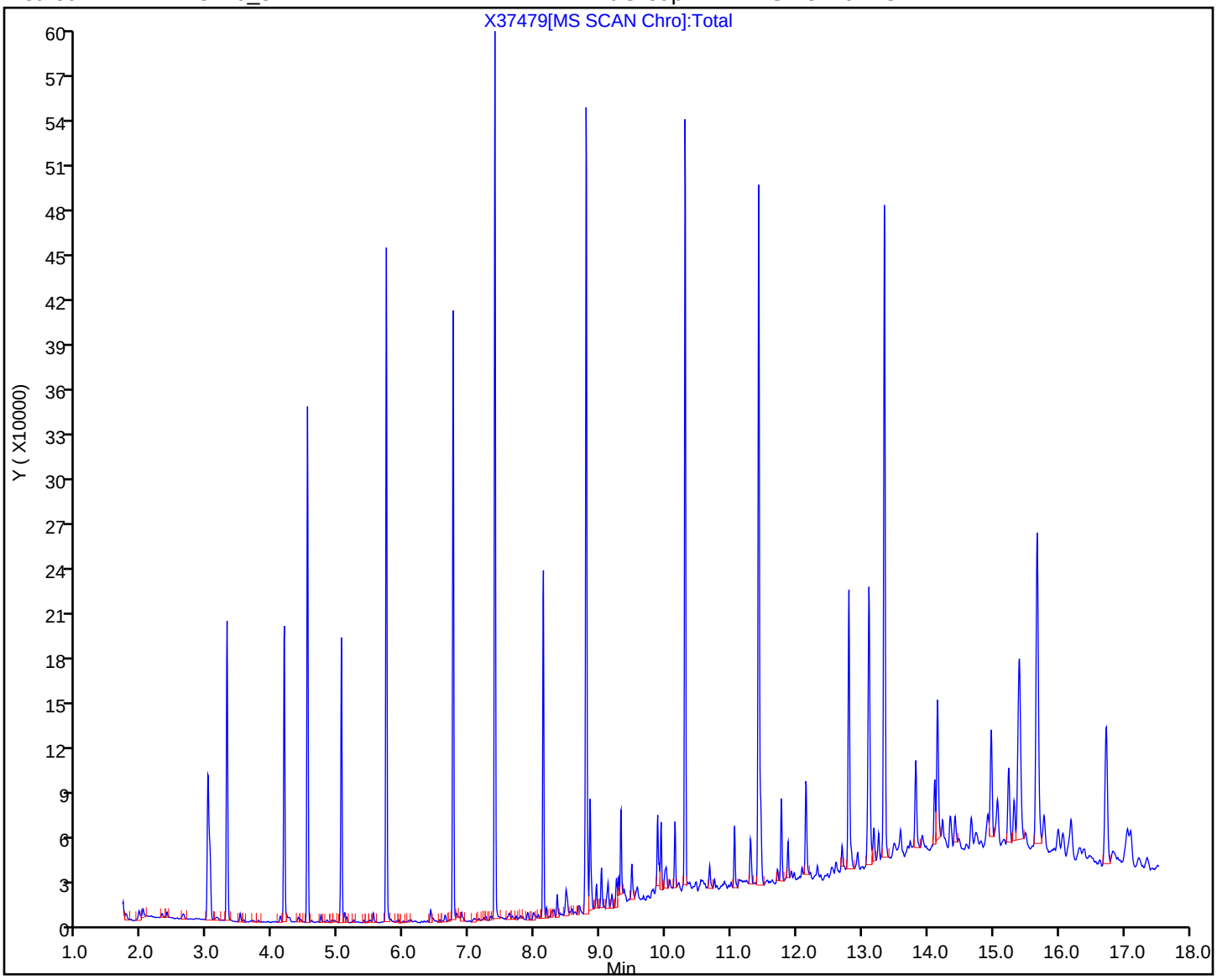
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:32:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

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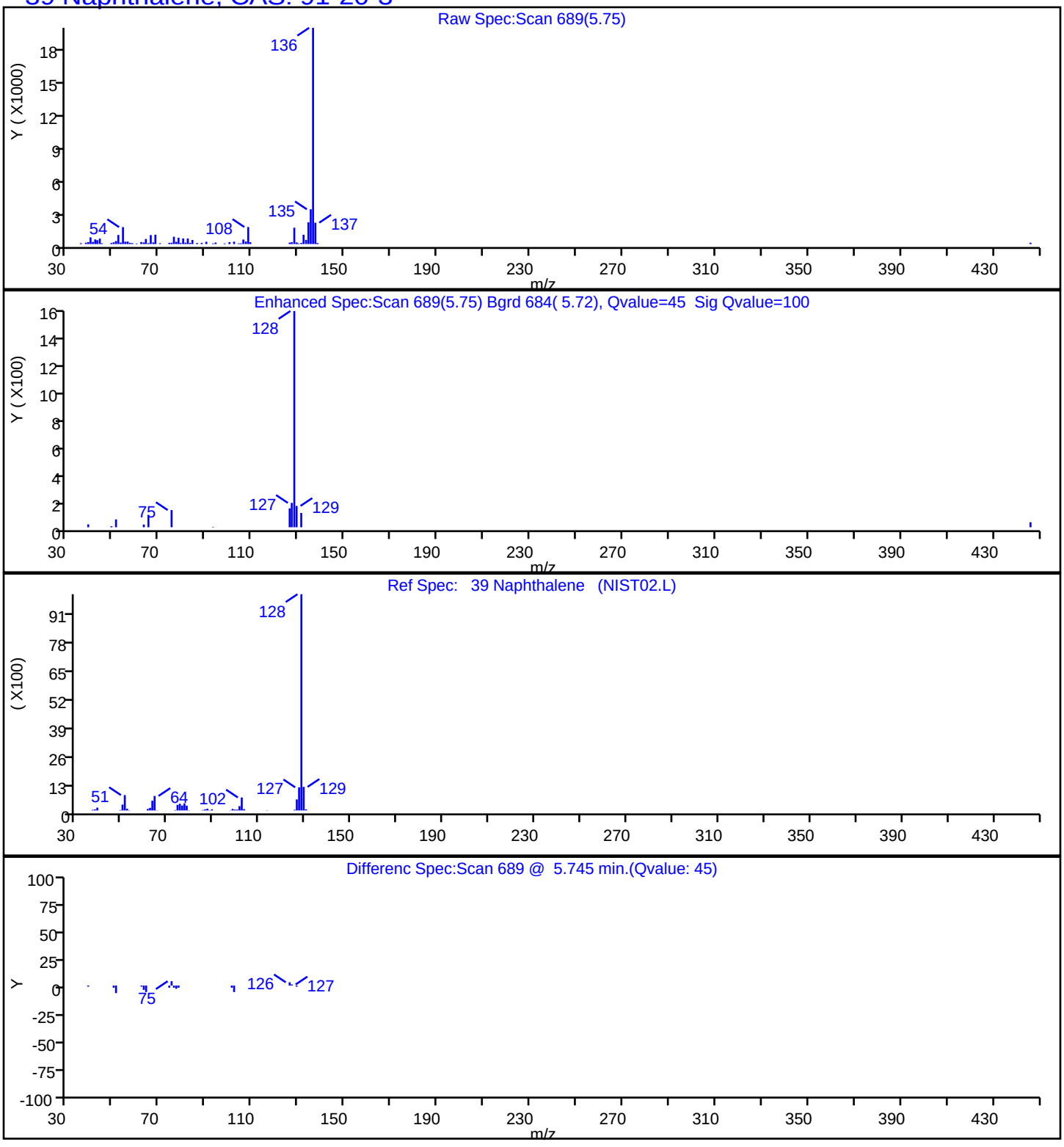
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

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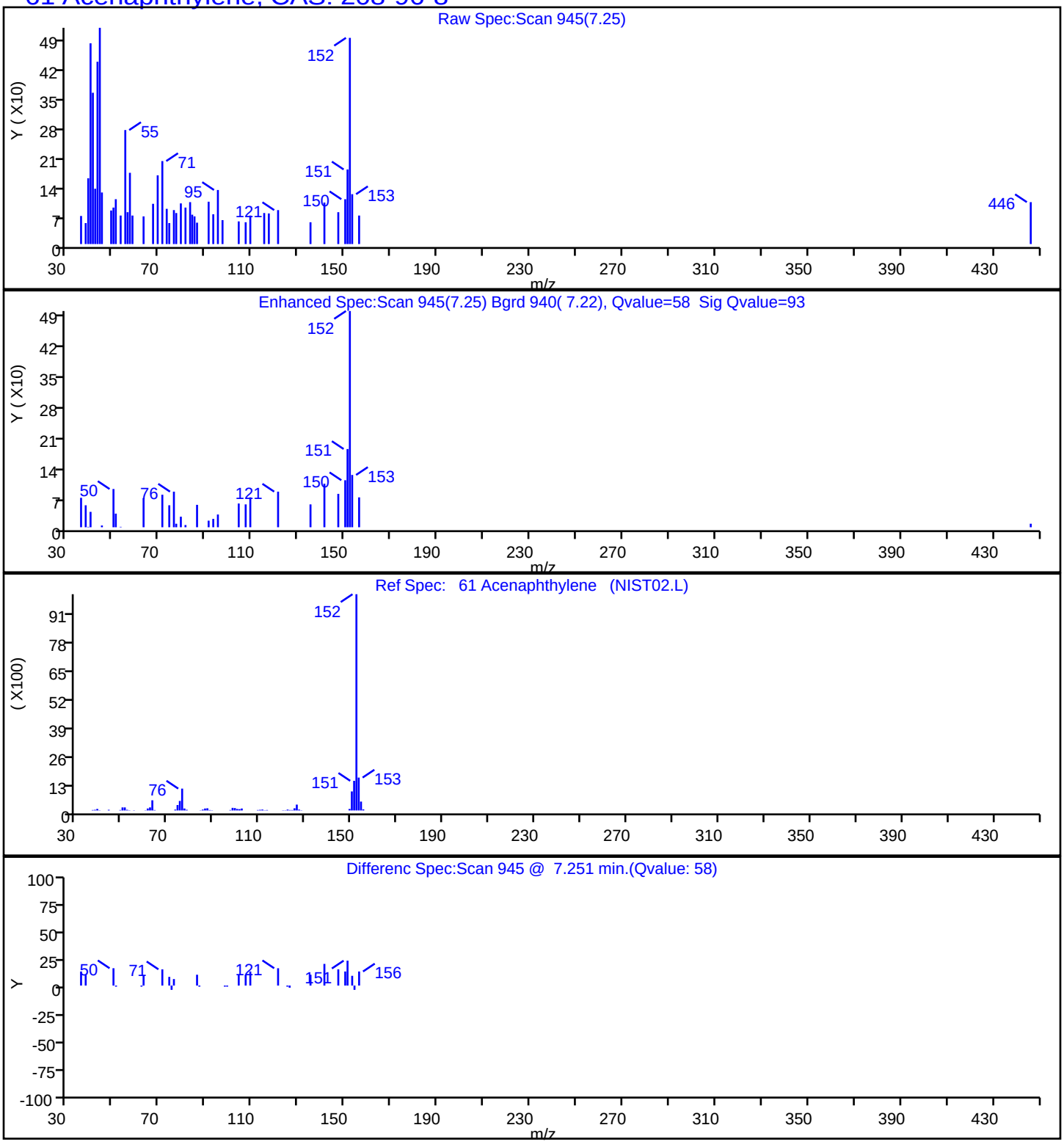
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
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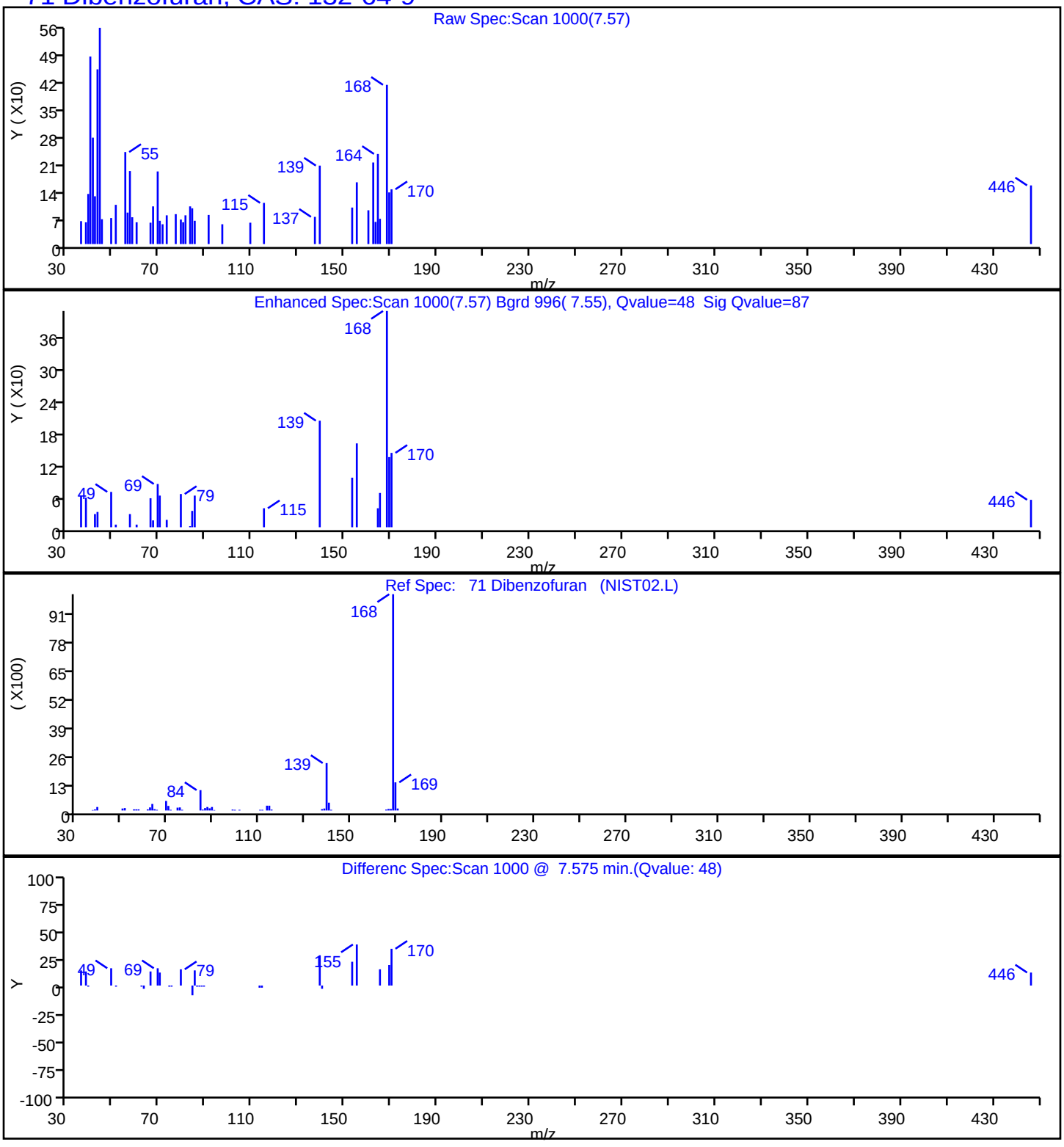
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
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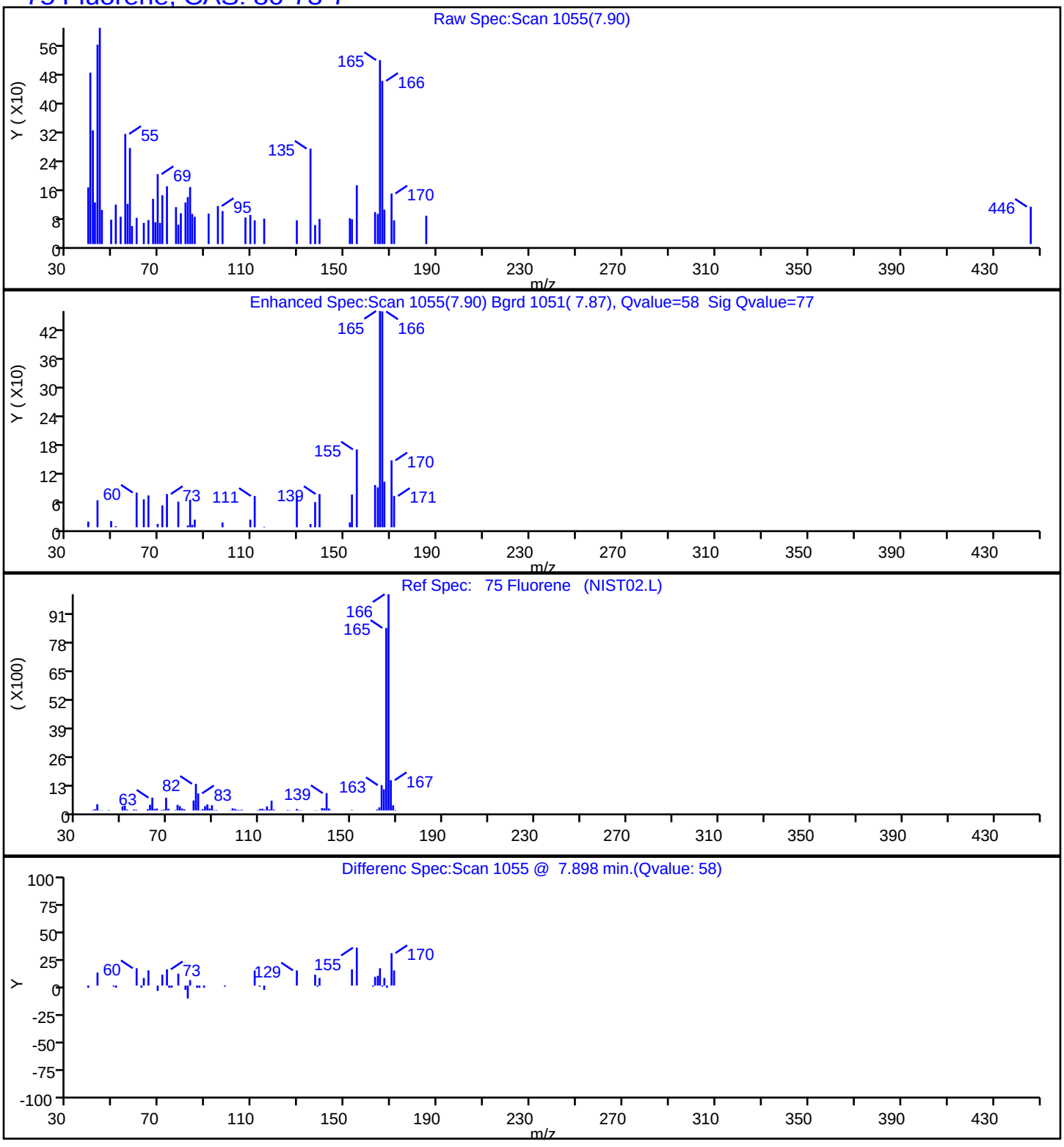
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

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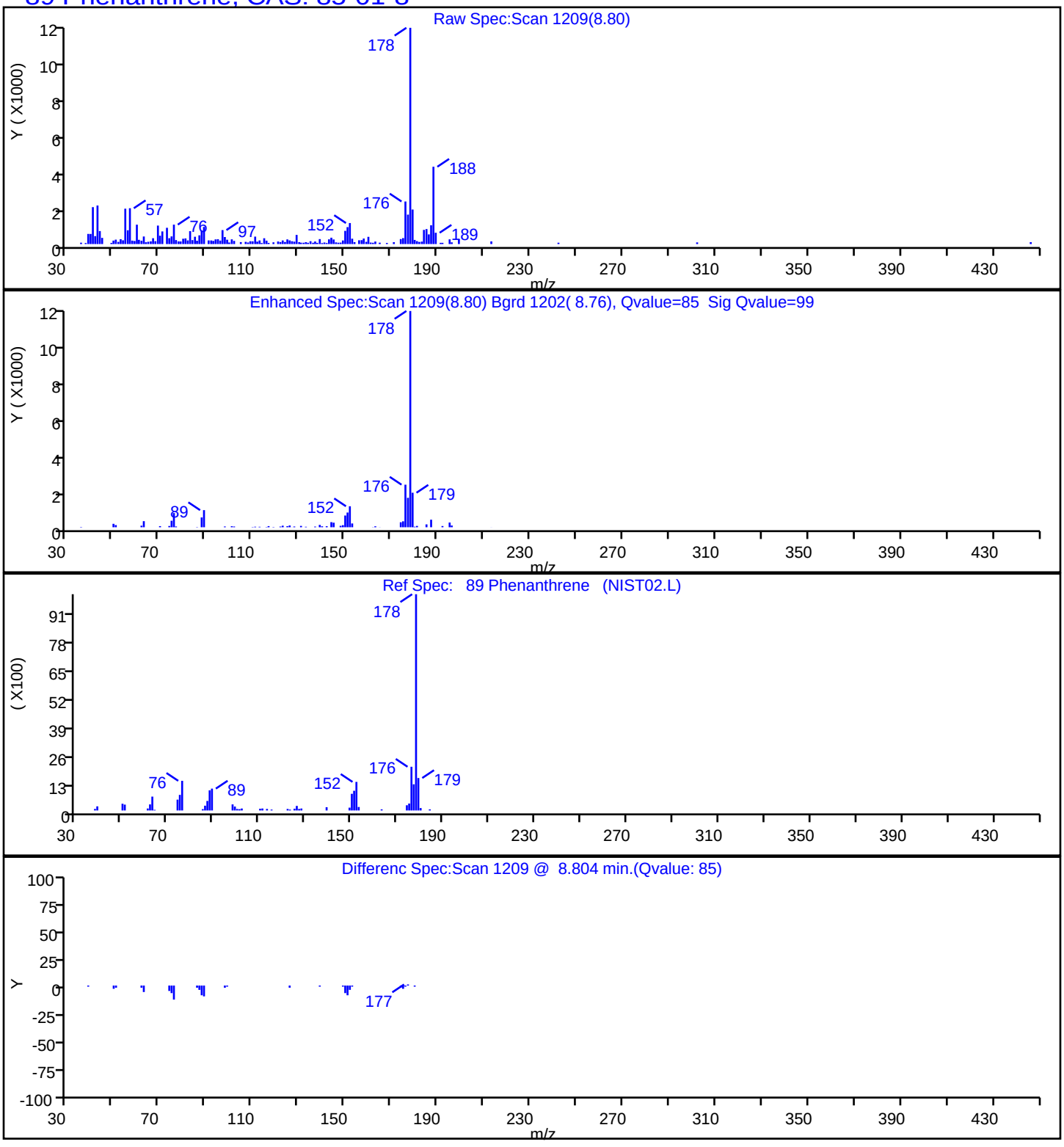
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

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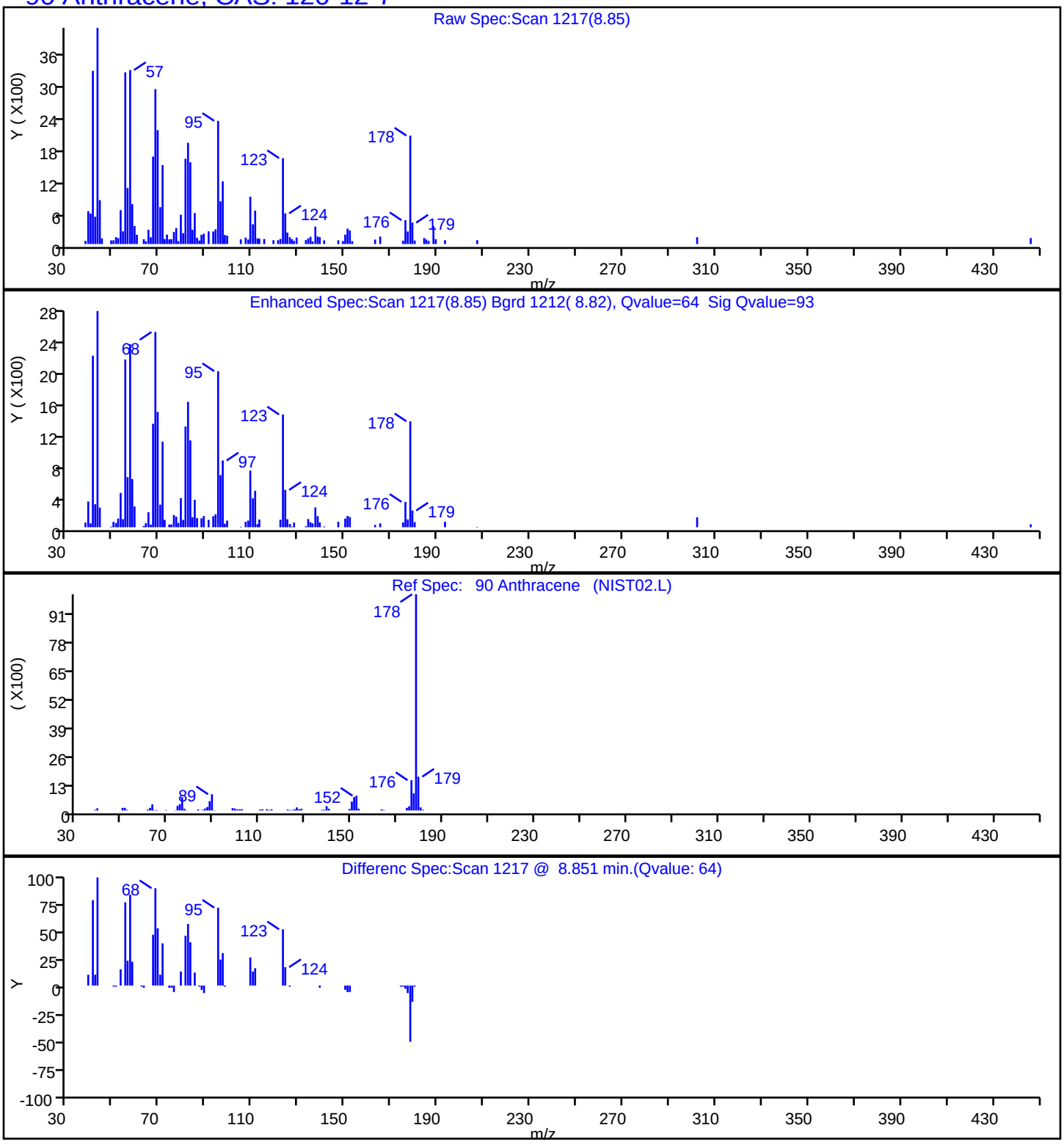
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

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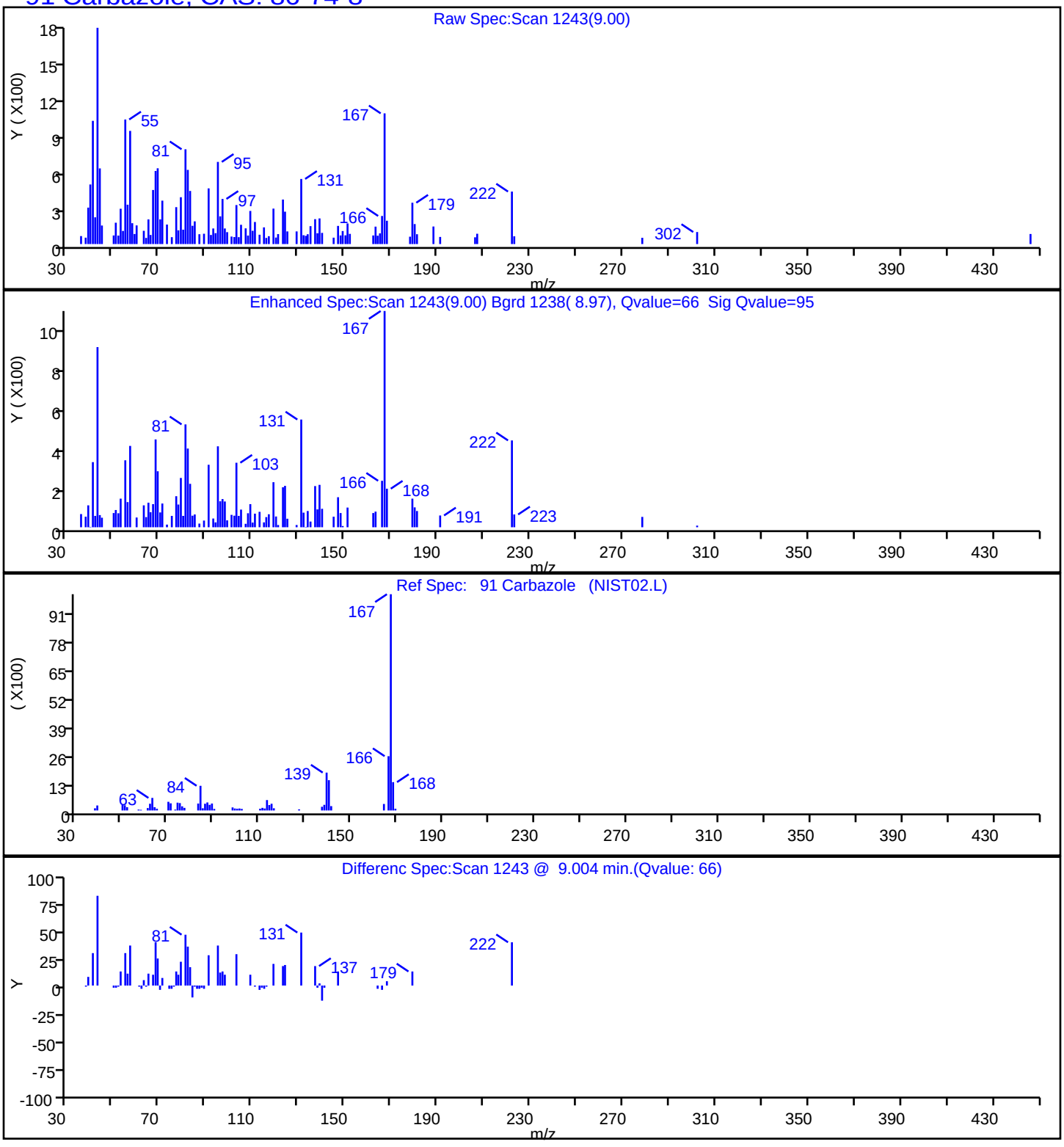
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

91 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

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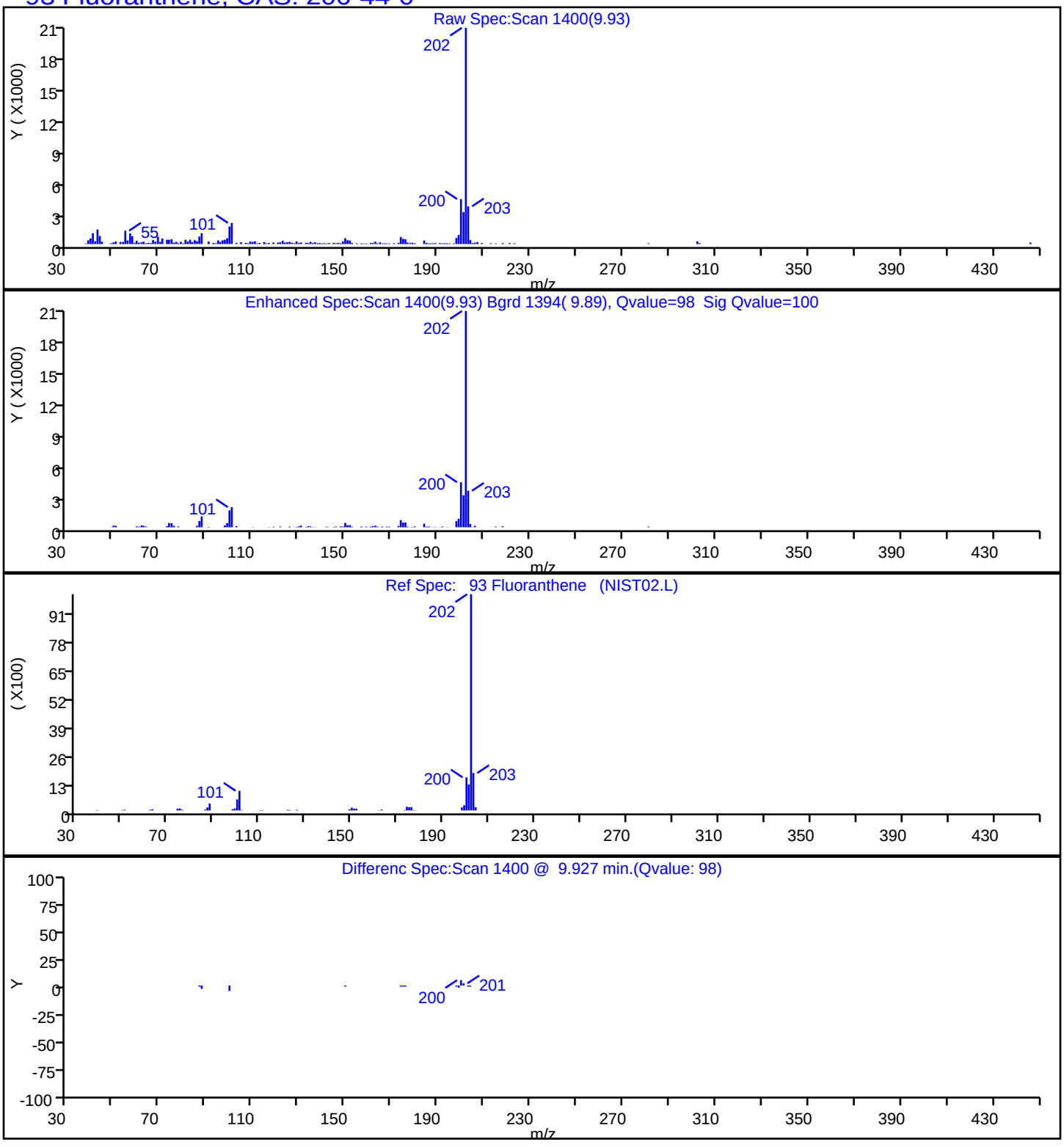
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

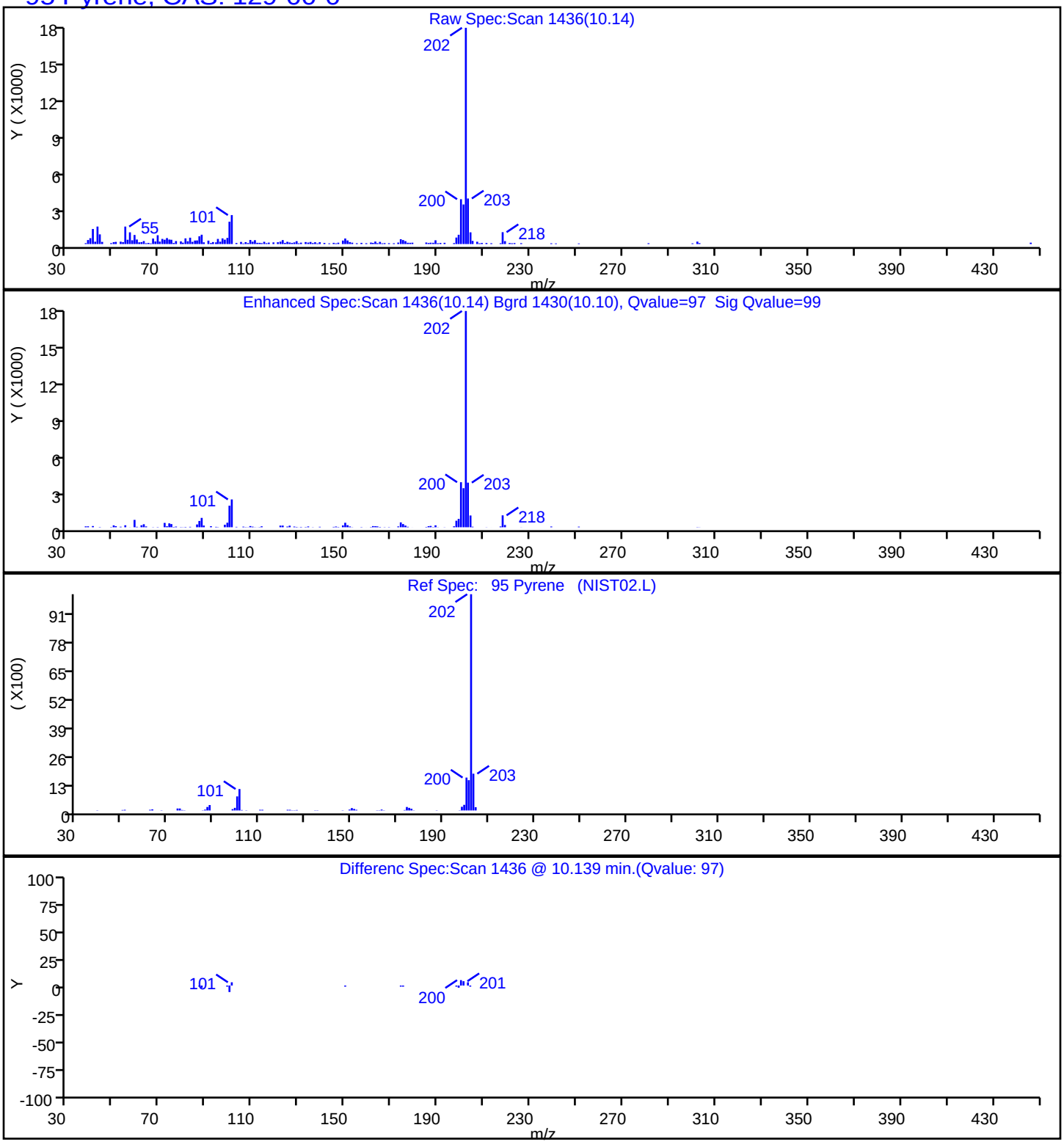
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
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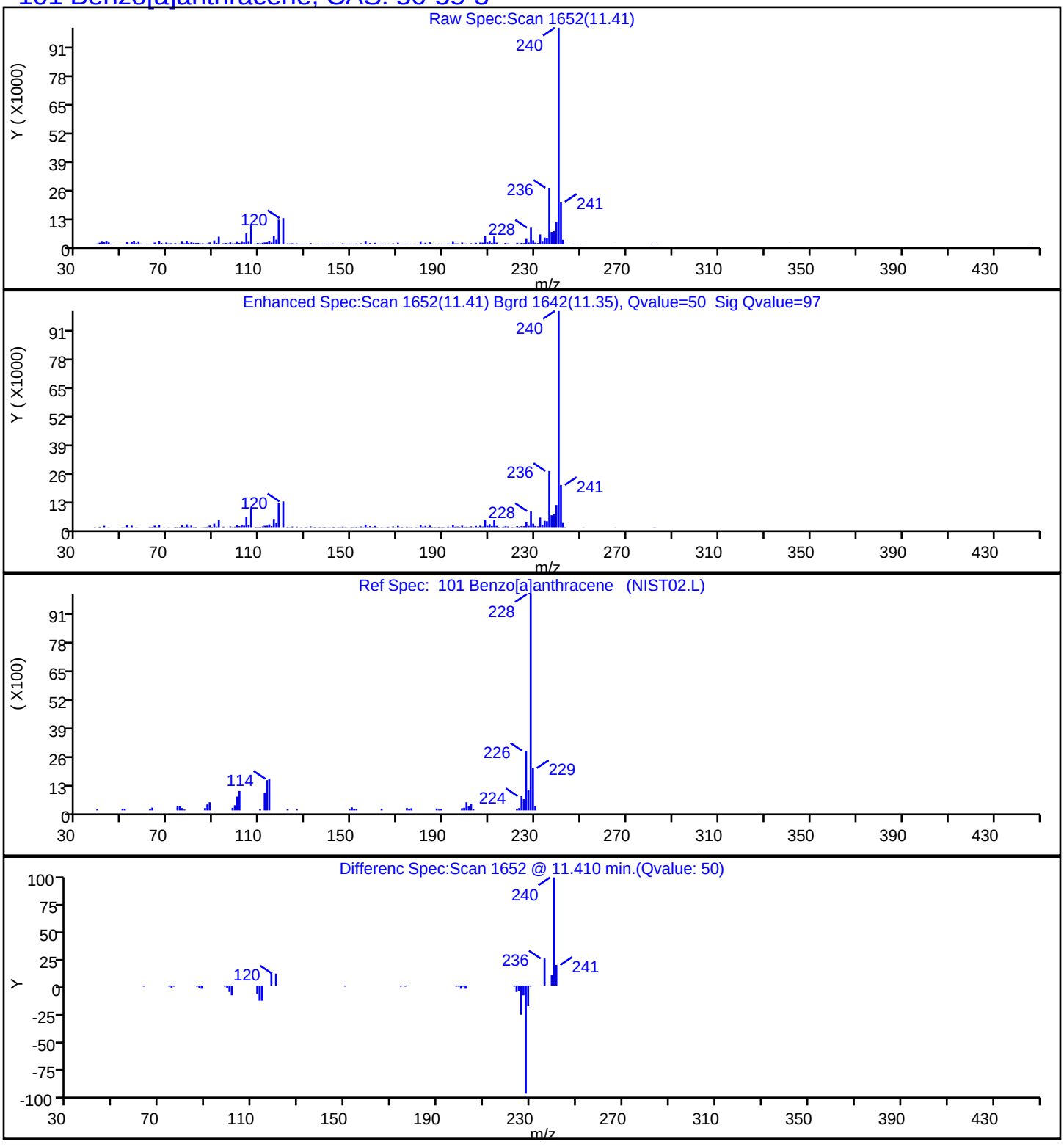
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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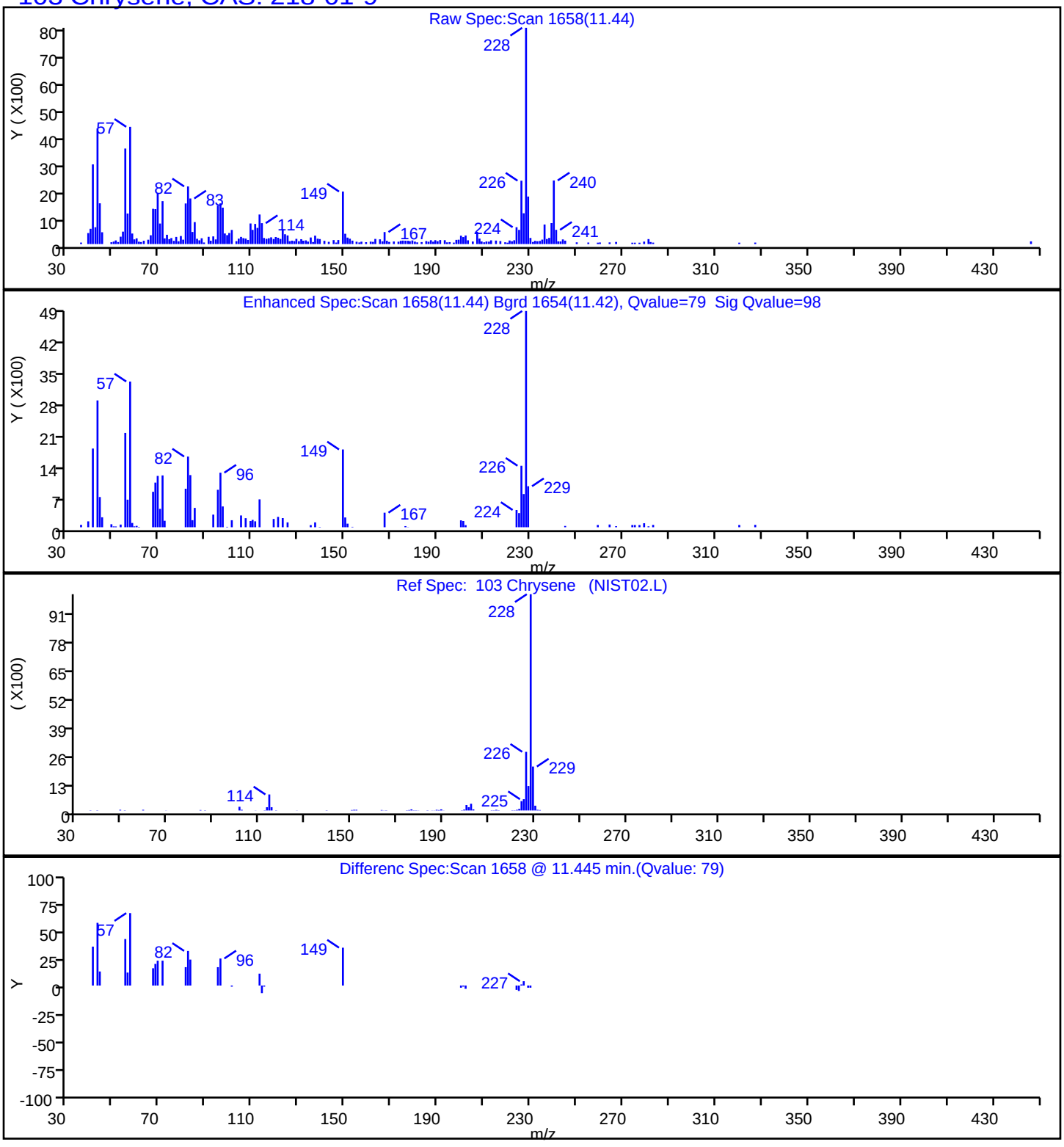
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

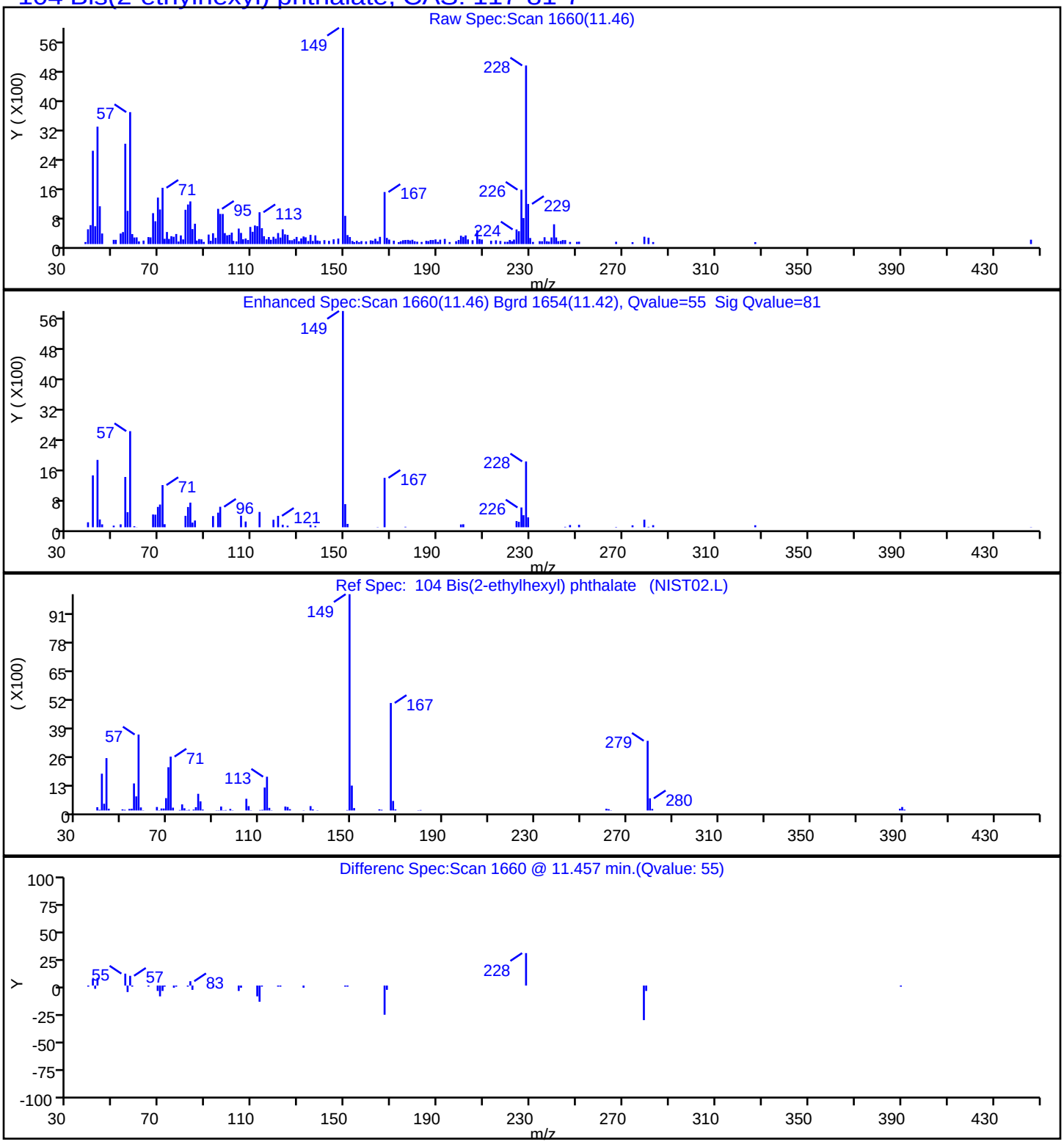
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
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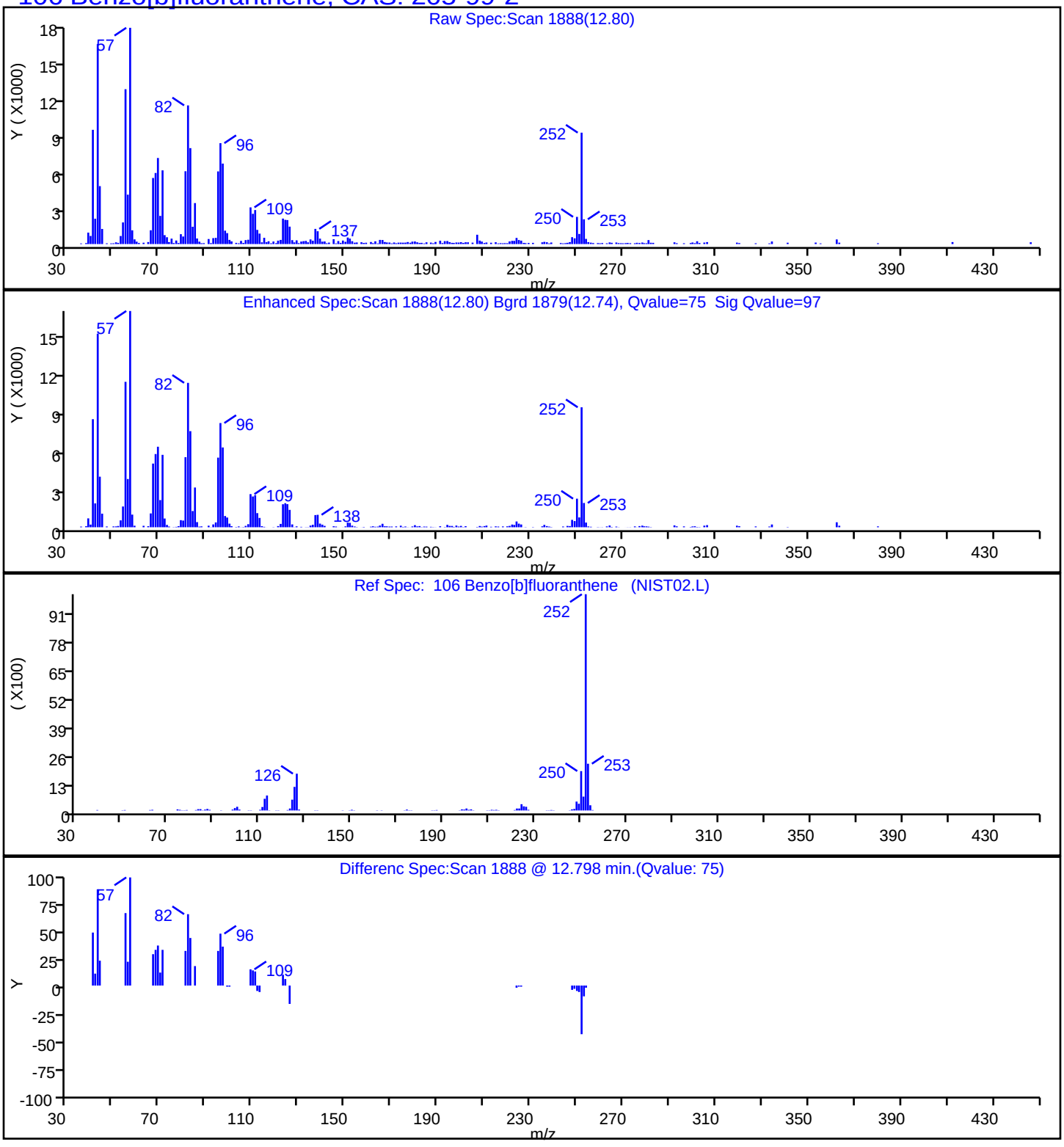
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

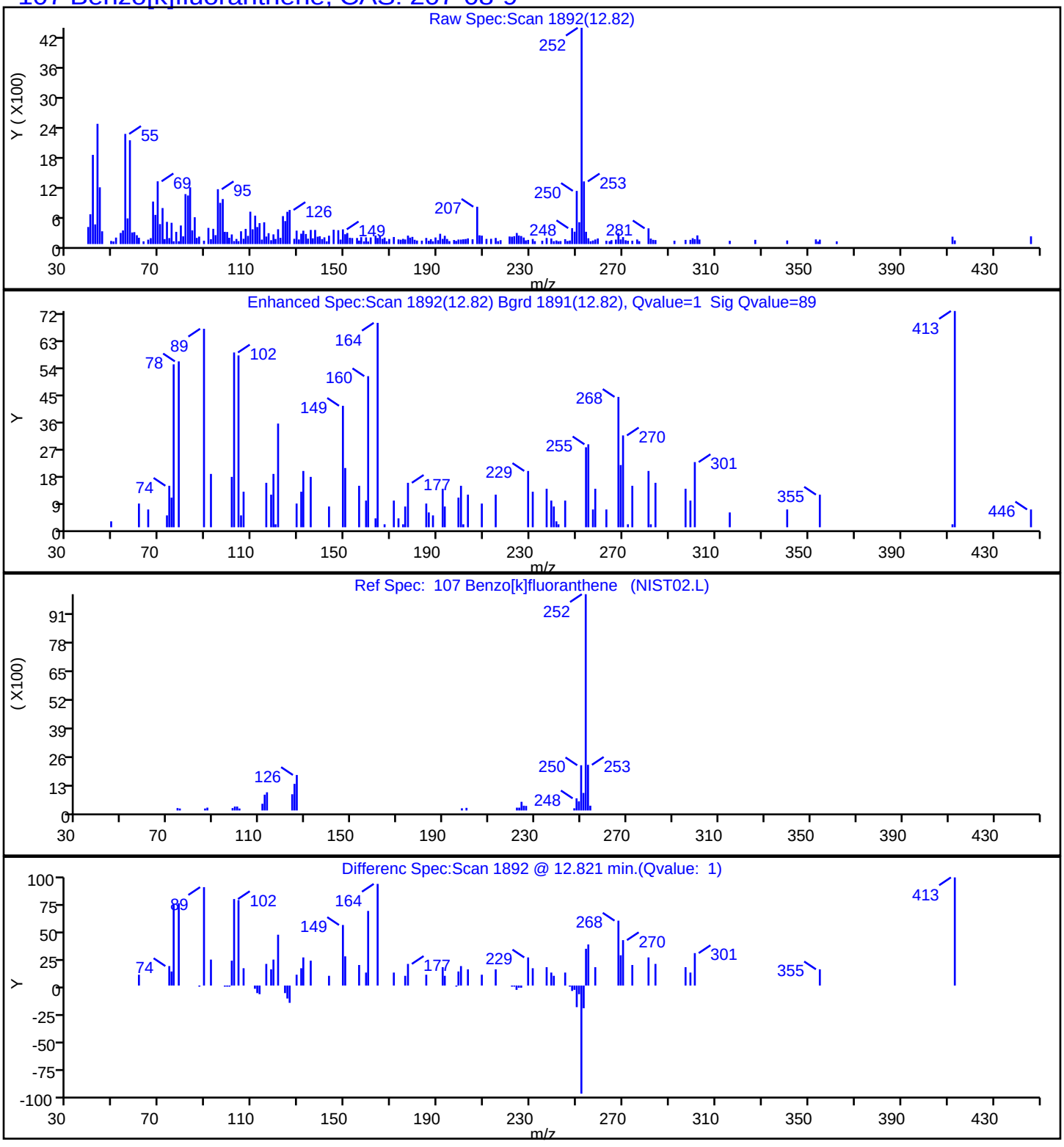
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

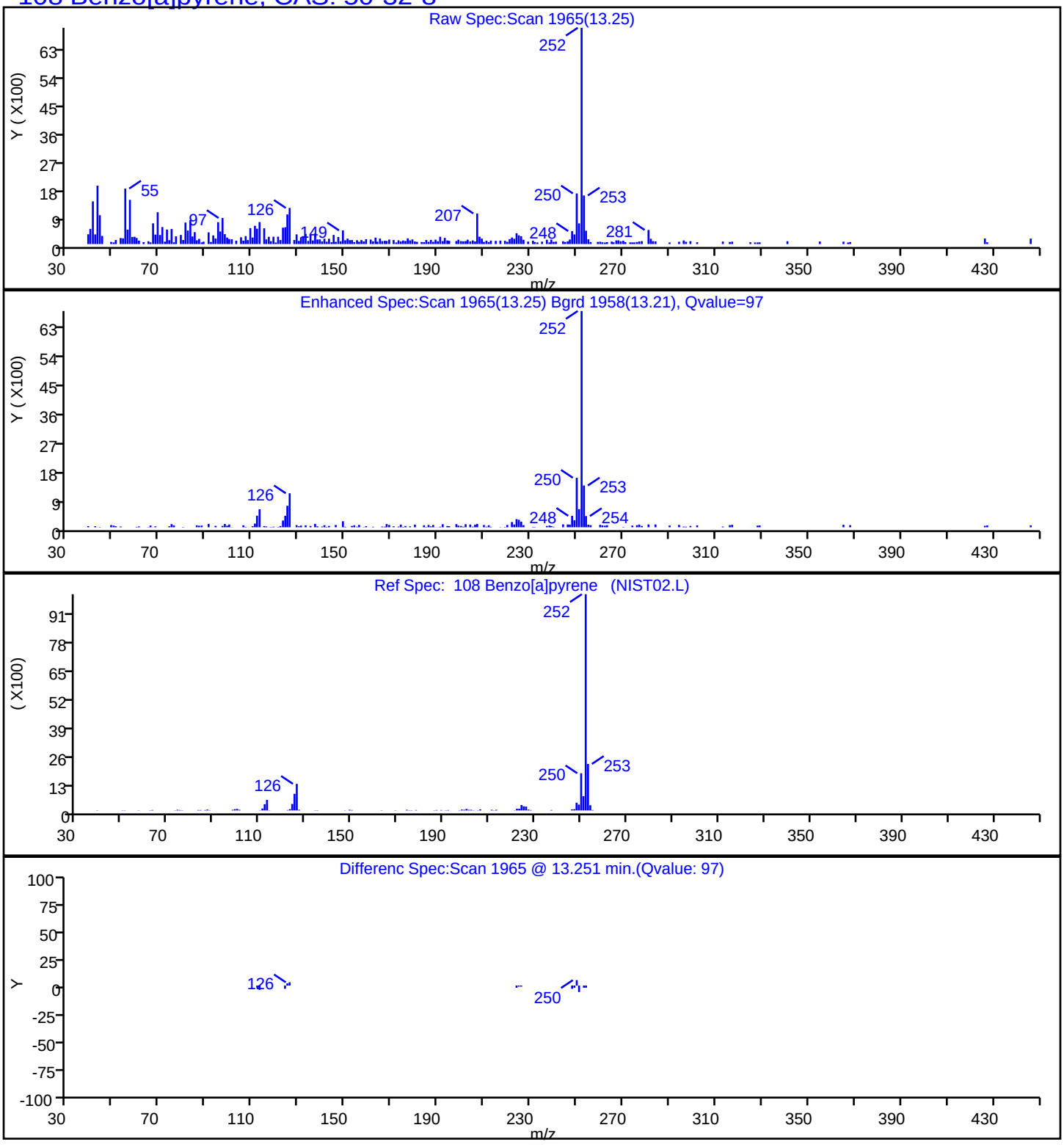
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

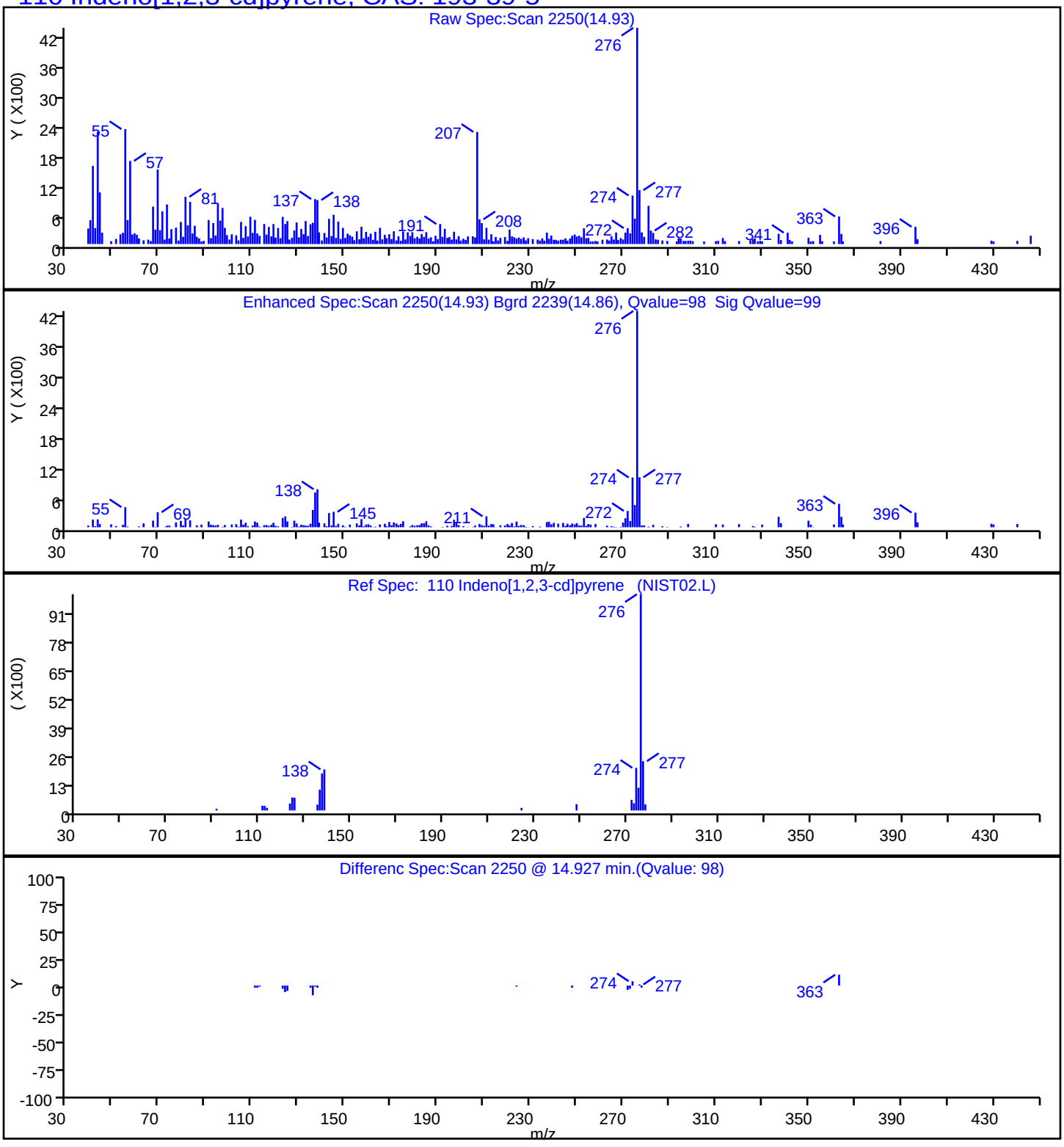
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

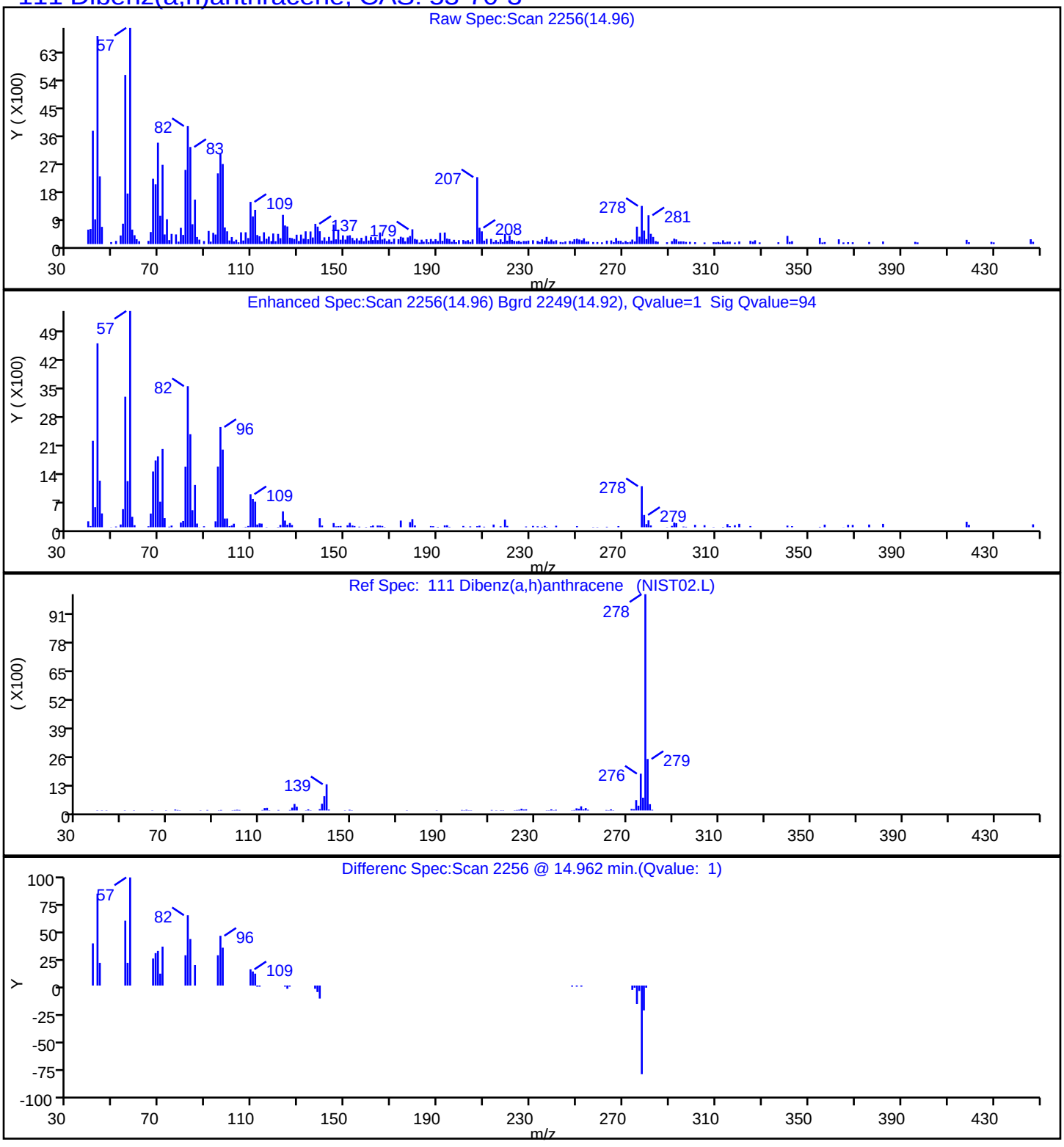
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

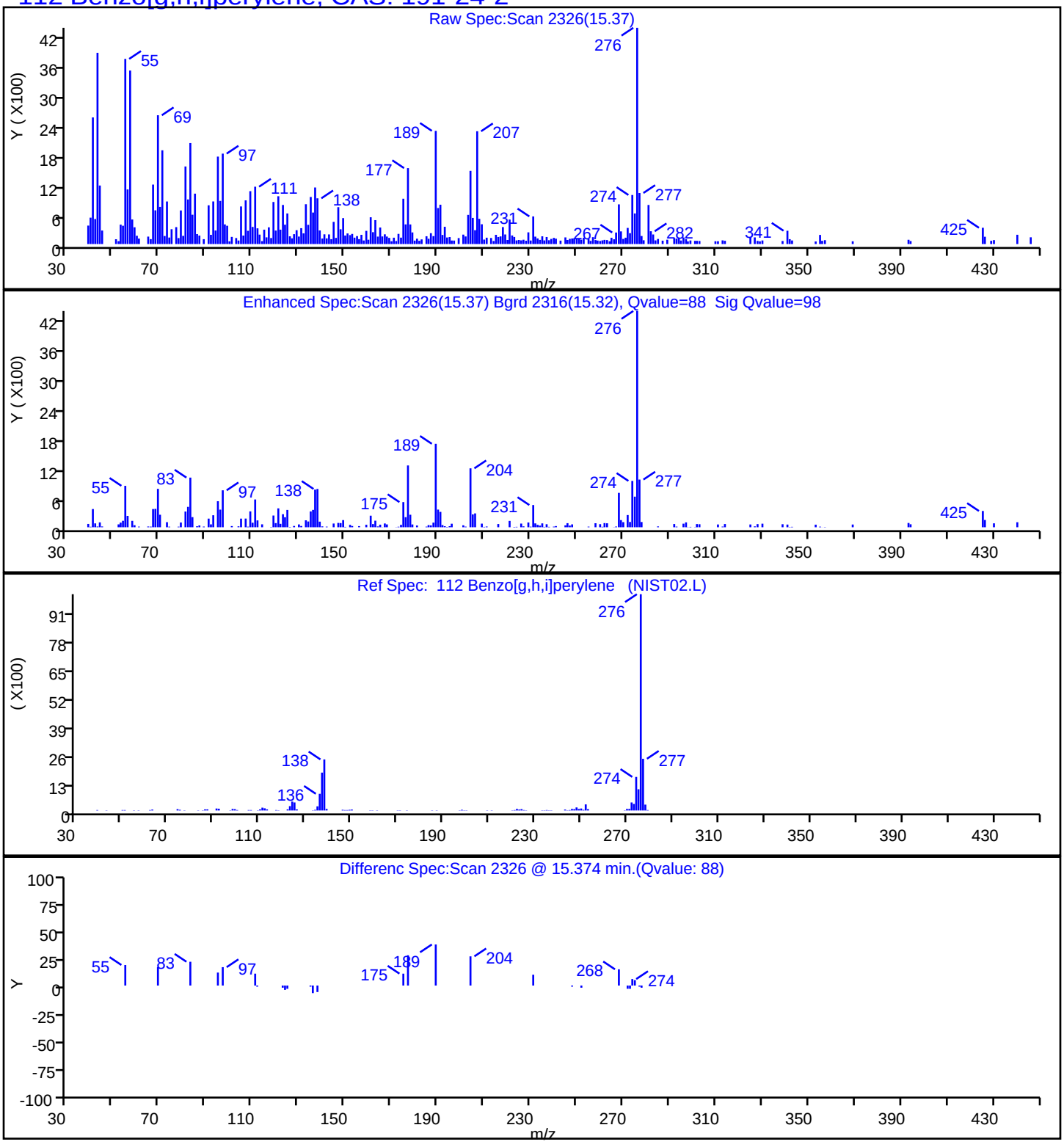
111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins TestAmerica, Edison

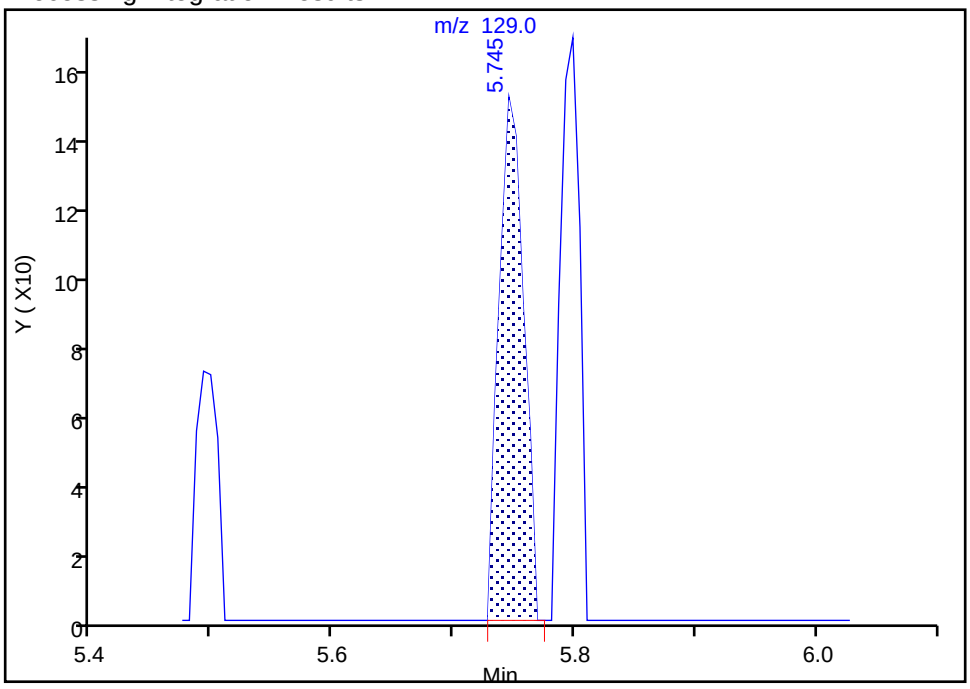
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Signal: 2

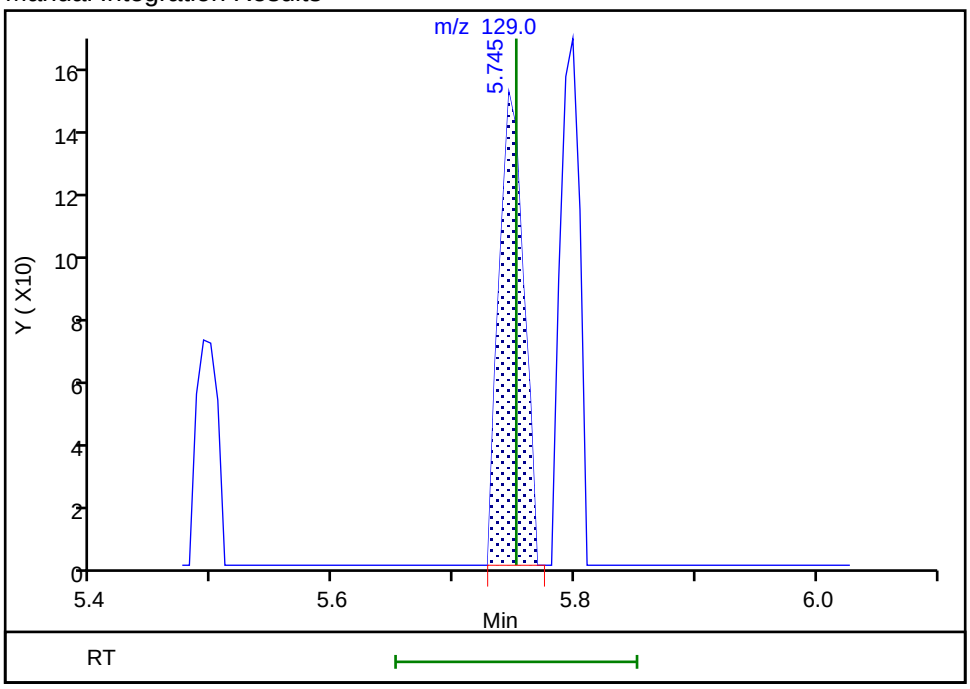
Processing Integration Results

RT: 5.75
Area: 212
Amount: 0.279230
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 212
Amount: 0.279230
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:13:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

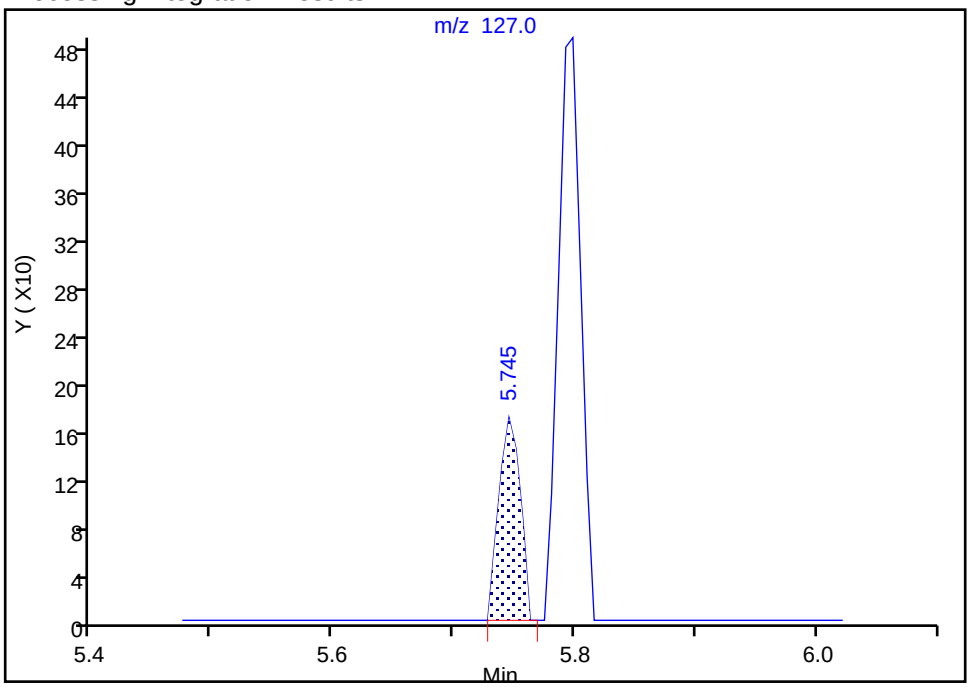
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Signal: 3

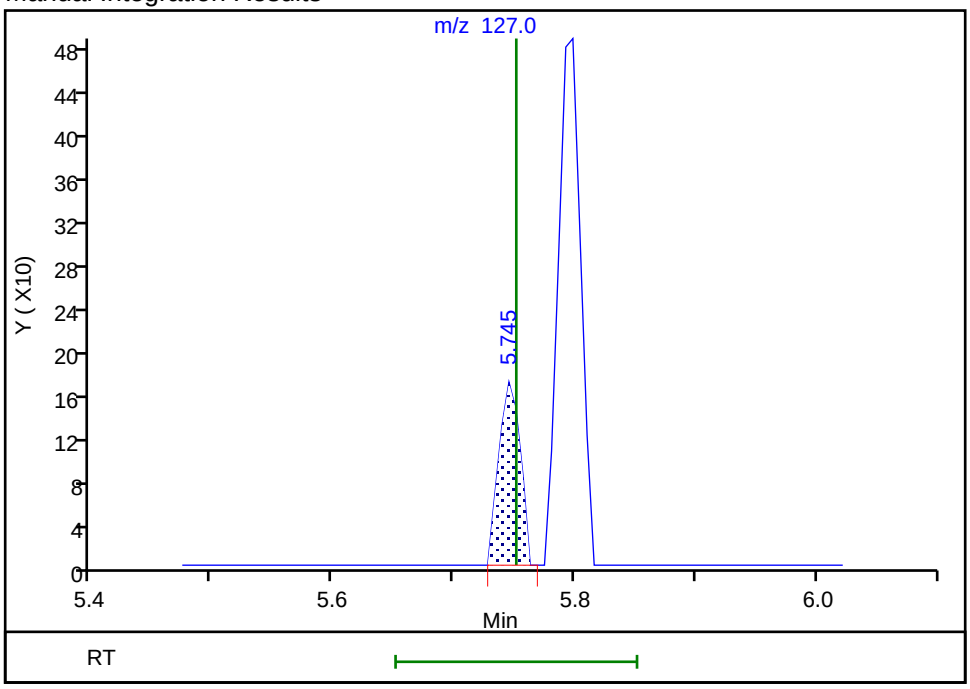
Processing Integration Results

RT: 5.75
Area: 208
Amount: 0.279230
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 208
Amount: 0.279230
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:13:47

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

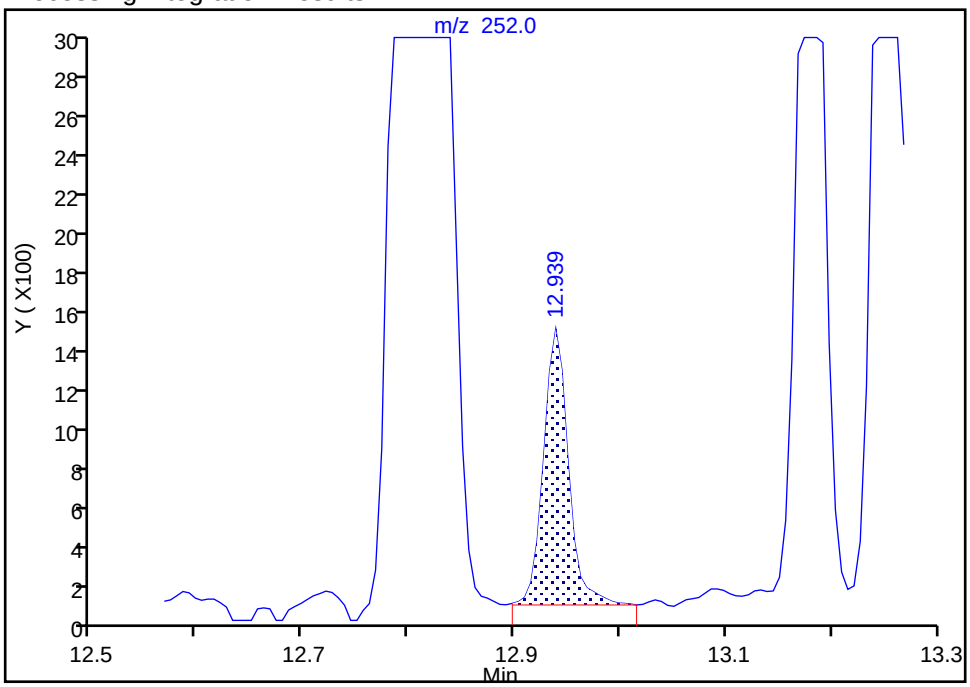
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d		
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6
Client ID:	HA-4		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

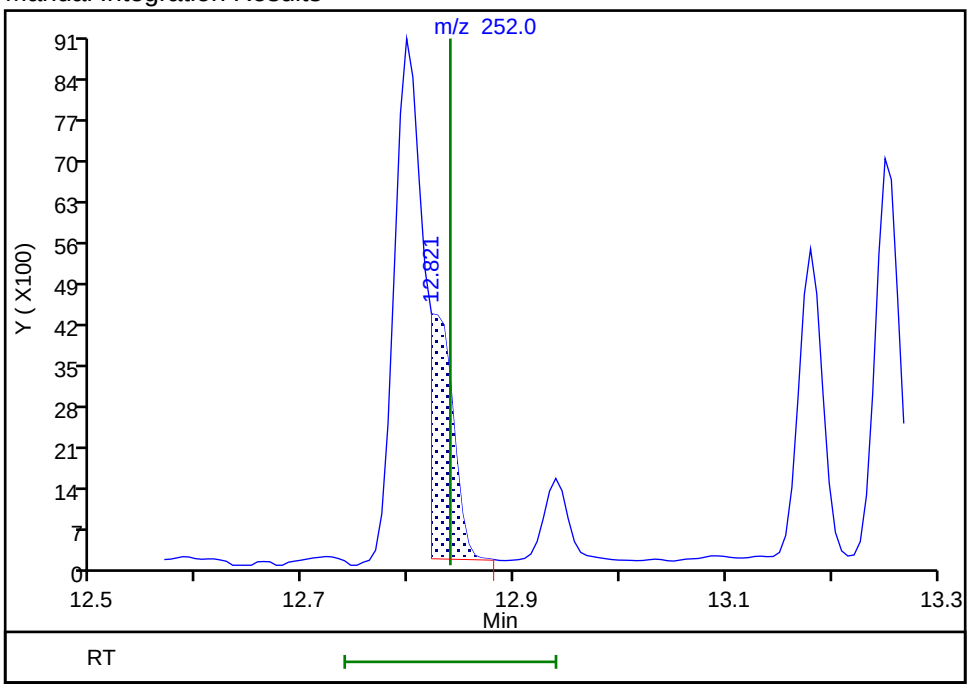
Processing Integration Results

RT: 12.94
Area: 2307
Amount: 0.291260
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 6561
Amount: 0.828331
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:14:39

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

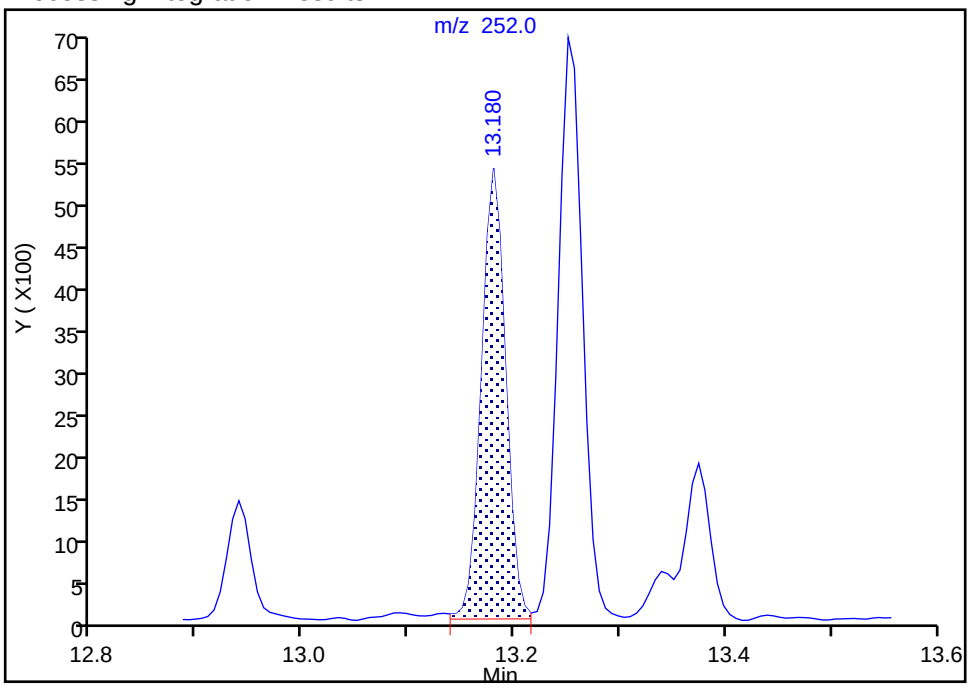
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d		
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6
Client ID:	HA-4		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

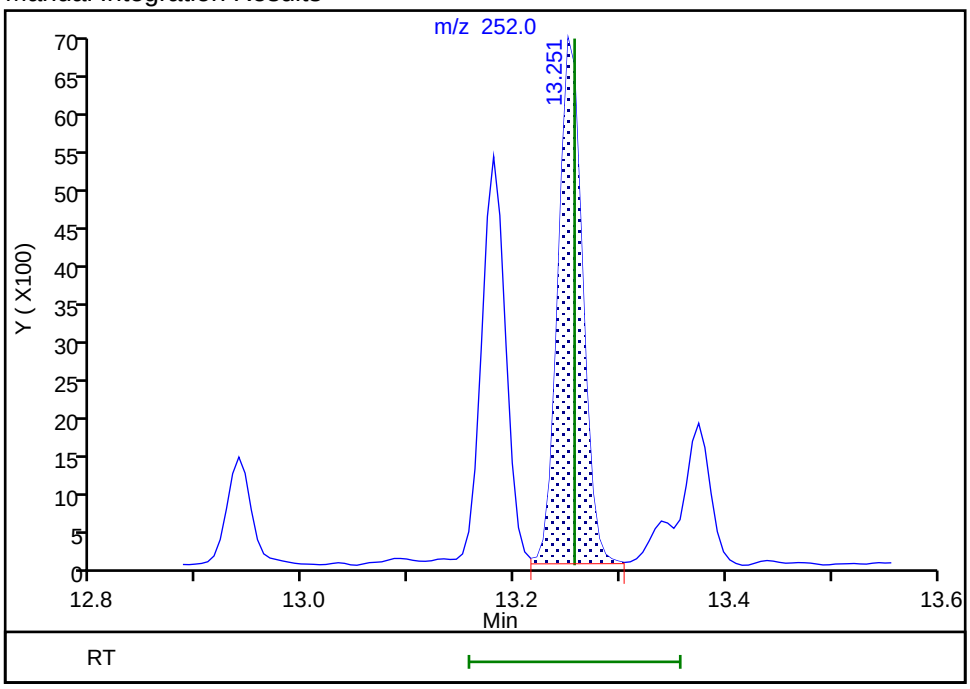
Processing Integration Results

RT: 13.18
Area: 8529
Amount: 1.162398
Amount Units: ug/ml



Manual Integration Results

RT: 13.25
Area: 11132
Amount: 1.517155
Amount Units: ug/ml



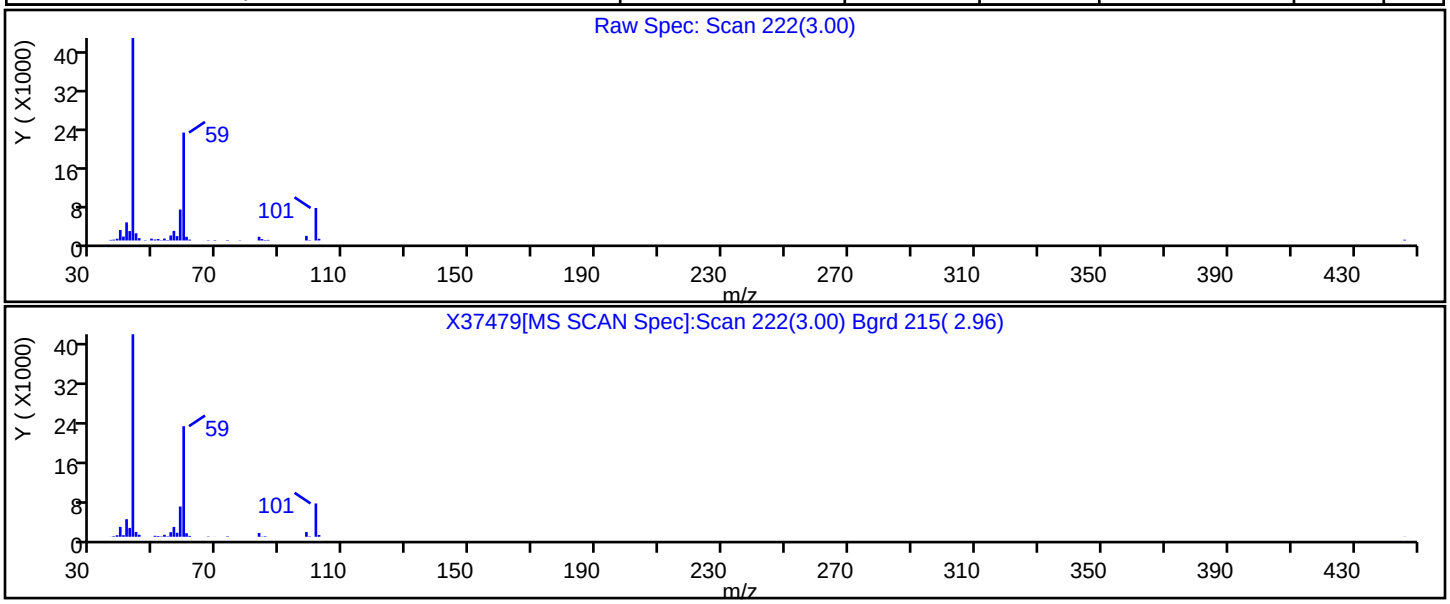
Reviewer: eisam, 02-Nov-2021 00:14:51

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d		
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6
Client ID:	HA-4		
Operator ID:		ALS Bottle#:	27 Worklist Smp#: 27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

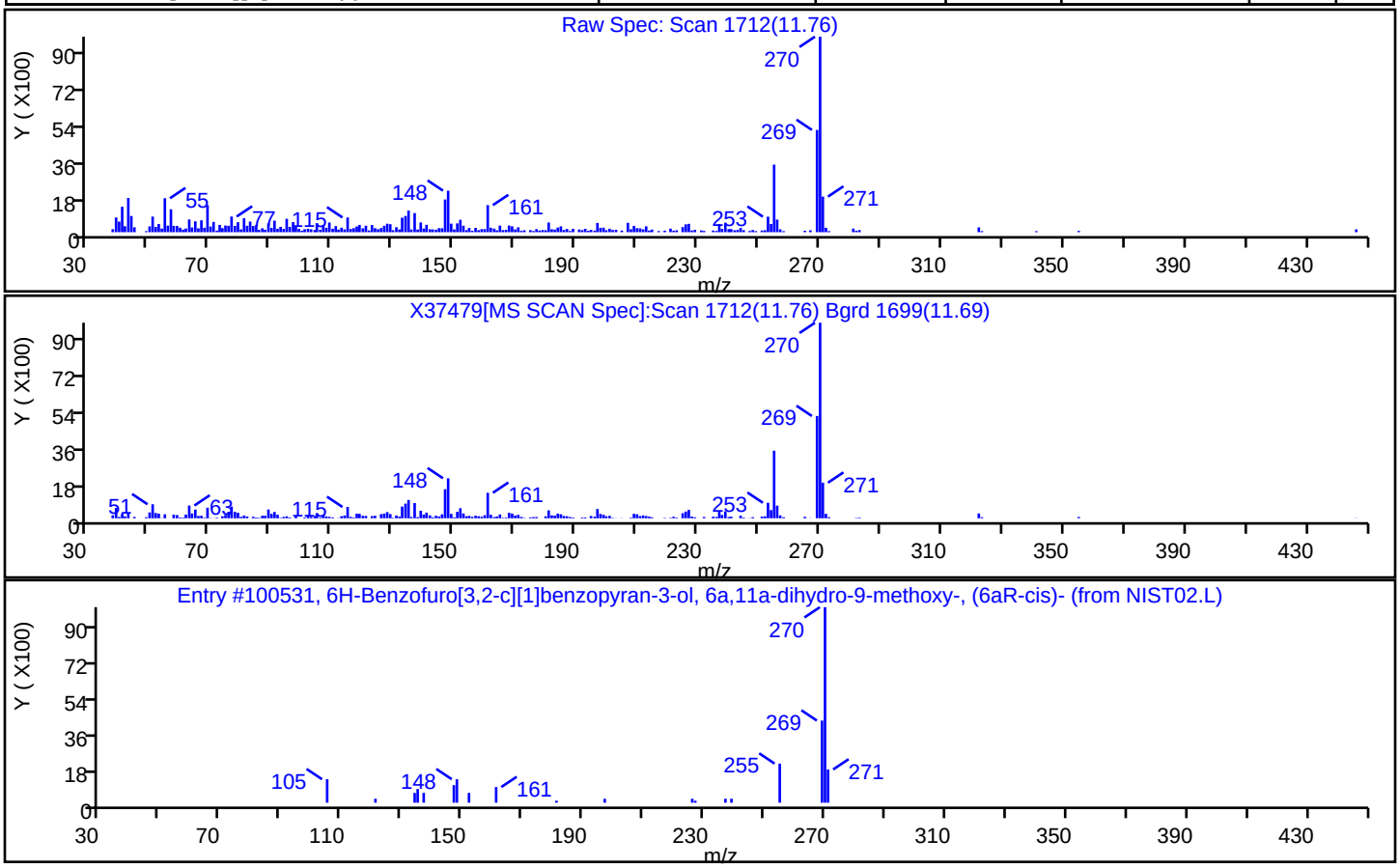
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
6H-Benzofuro[3,2-c][1]benzopyran-3-ol, 6a,11a-di	32383-76-9	NIST02.L	100531	C16H14O4	270	90



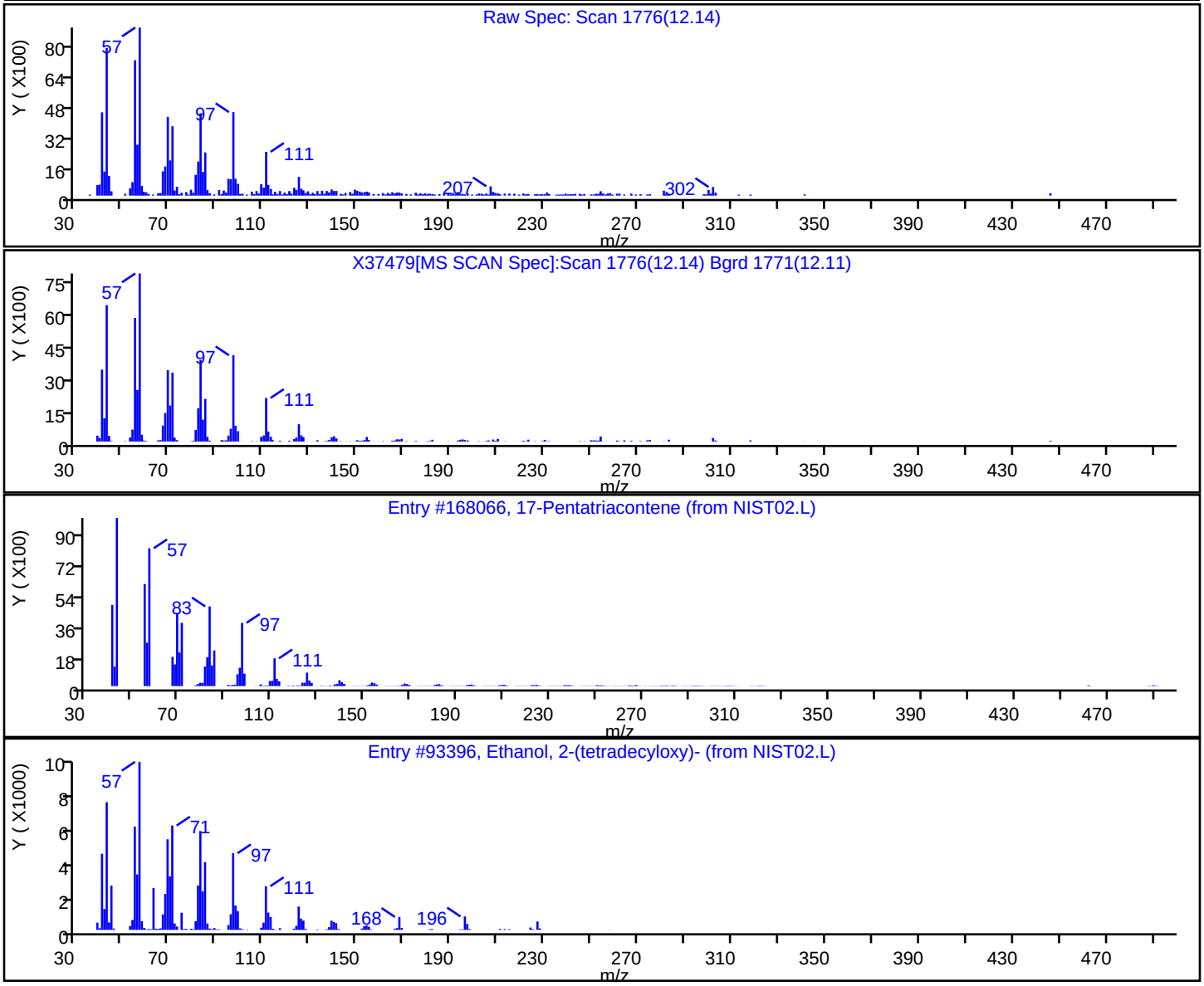
Report Date: 02-Nov-2021 14:32:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d

Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

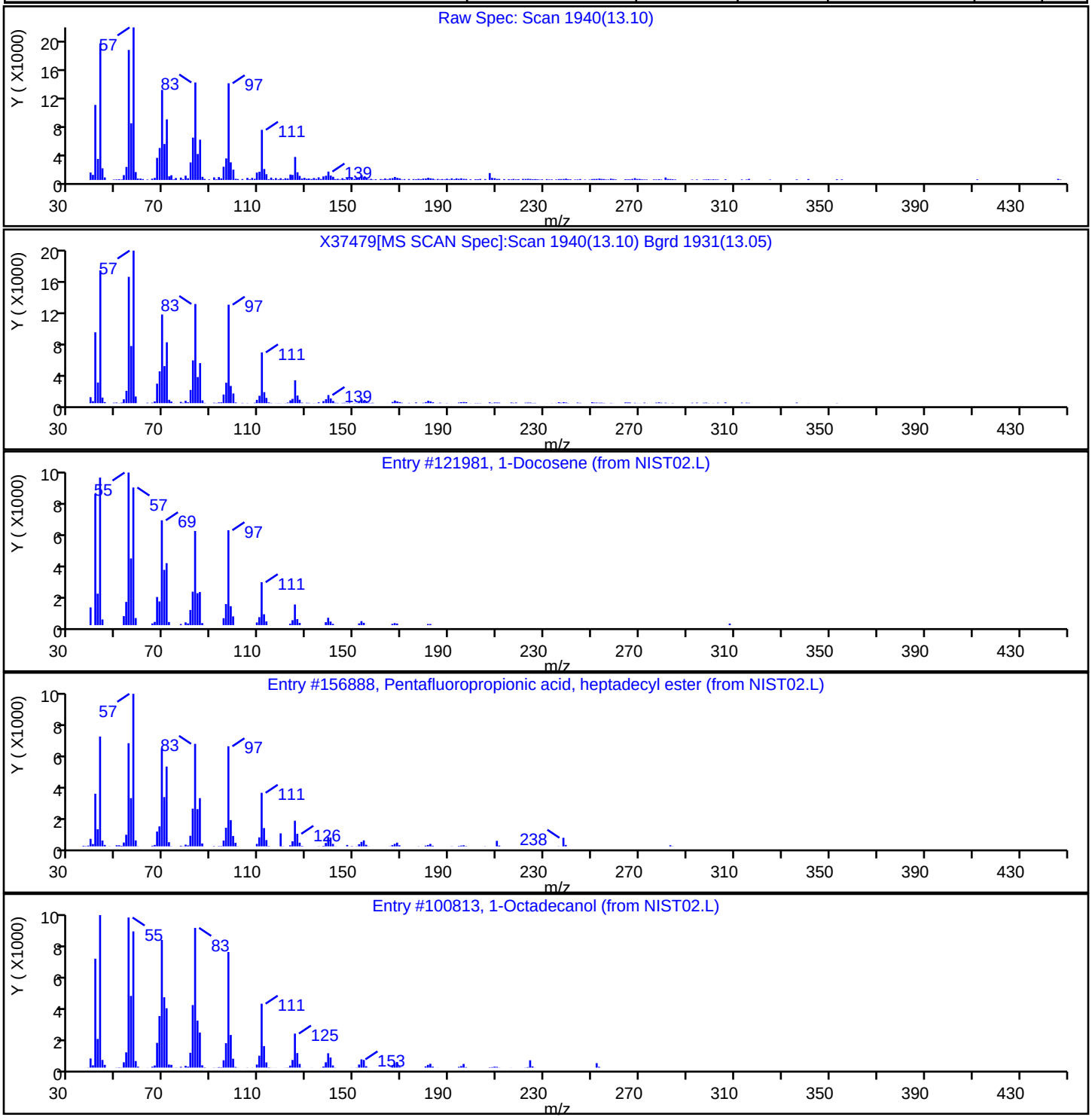
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	91
Ethanol, 2-(tetradecyloxy)-	2136-70-1	NIST02.L	93396	C16H34O2	258	83



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Injection Date: 01-Nov-2021 19:47:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-6-C Lab Sample ID: 460-246210-6
Client ID: HA-4
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

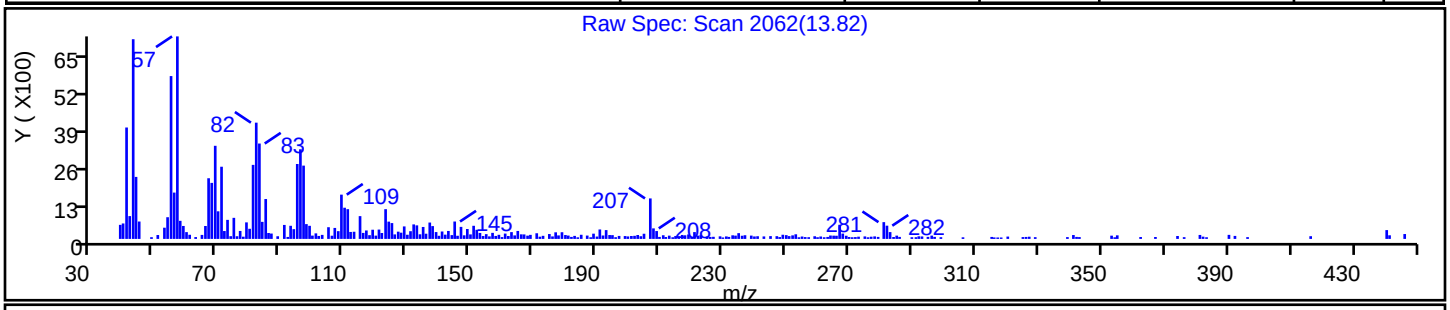
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	91
Pentafluoropropionic acid, heptadecyl ester	1000283-04-2	NIST02.L	156888	C20H35F5O2	402	90
1-Octadecanol	112-92-5	NIST02.L	100813	C18H38O	270	83

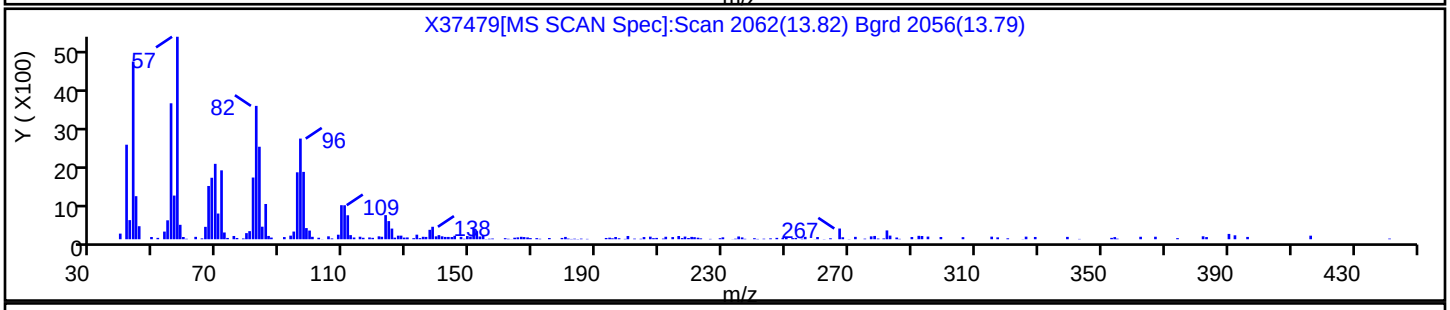


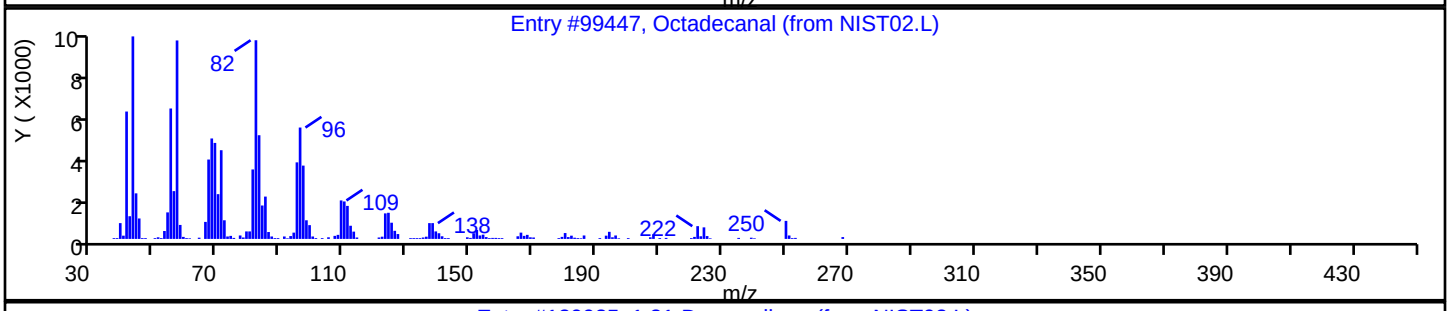
Eurofins TestAmerica, Edison

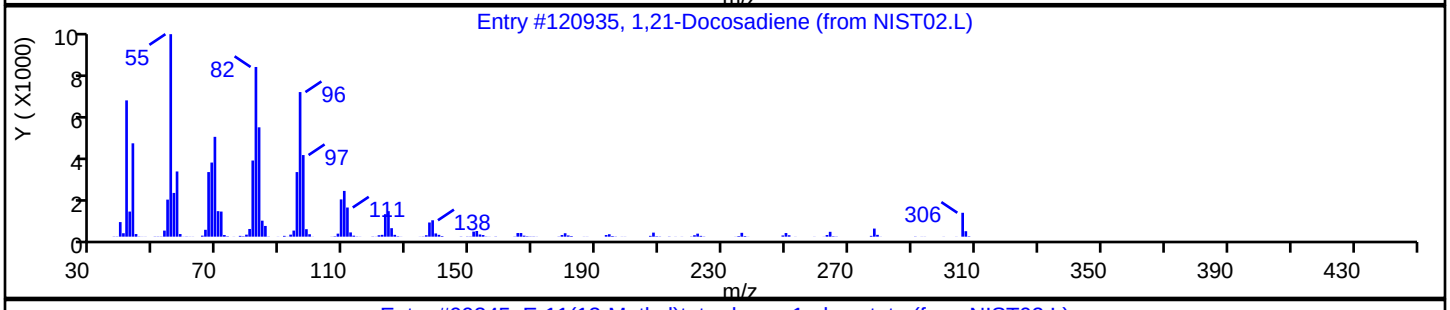
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Injection Date: 01-Nov-2021 19:47:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-6-C Lab Sample ID: 460-246210-6
Client ID: HA-4
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

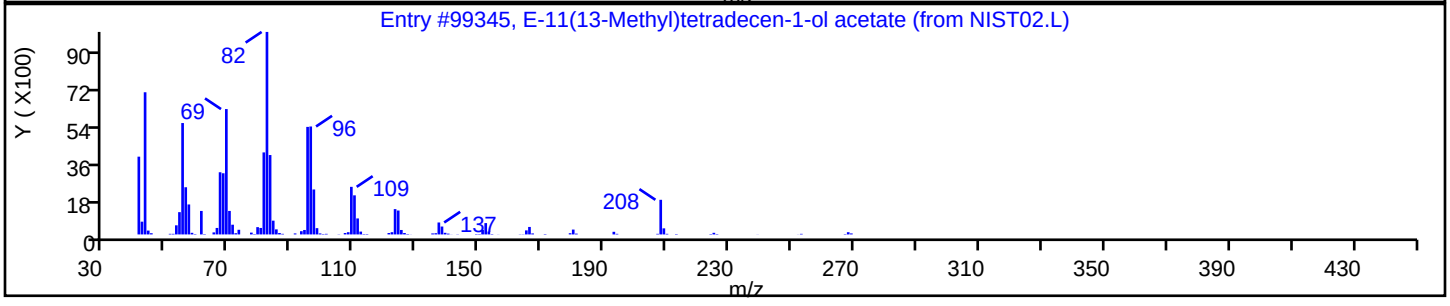
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Octadecanal	638-66-4	NIST02.L	99447	C18H36O	268	94
1,21-Docosadiene	53057-53-7	NIST02.L	120935	C22H42	306	94
E-11(13-Methyl)tetradecen-1-ol acetate	1000130-80-4	NIST02.L	99345	C17H32O2	268	93







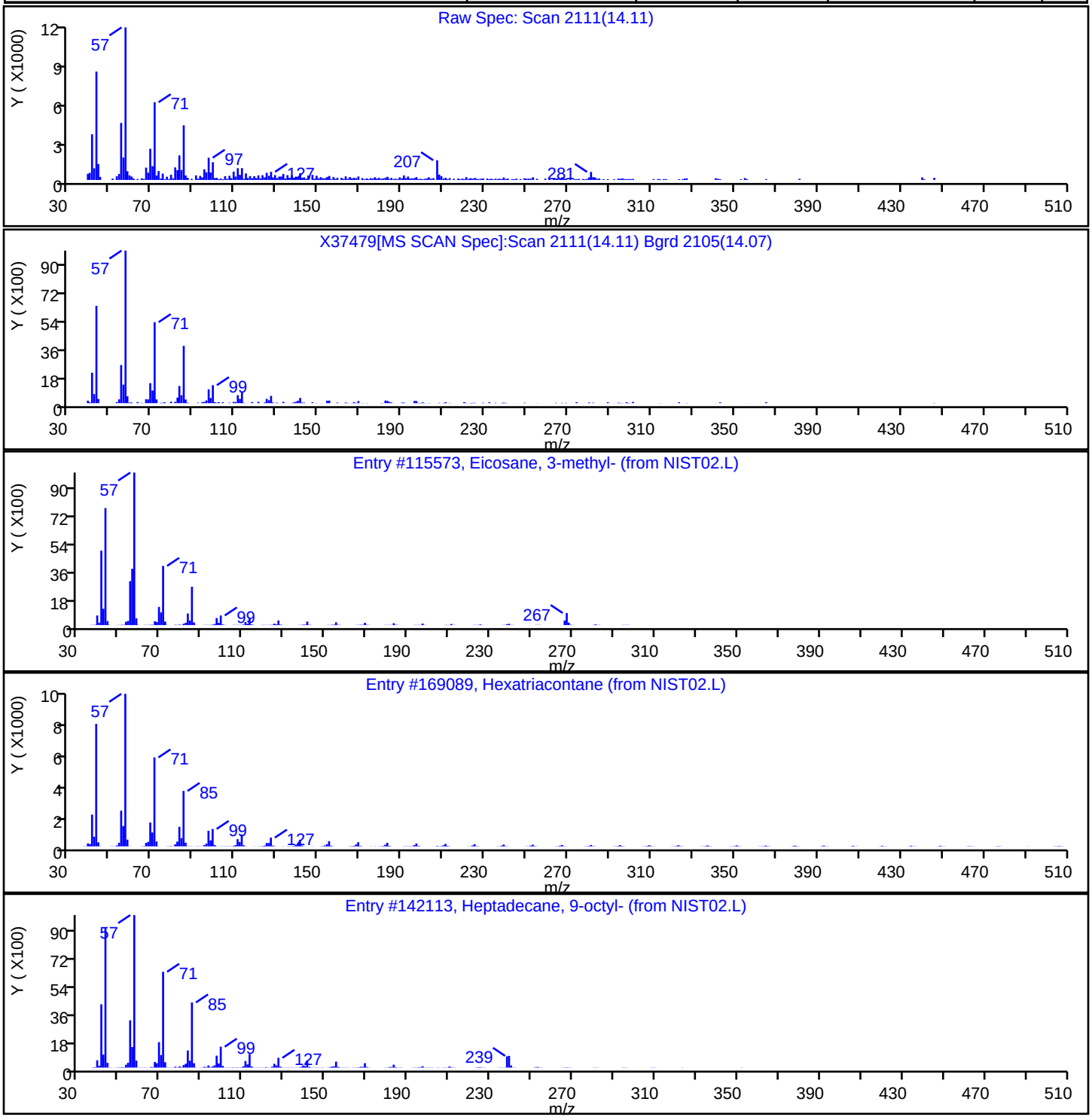




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Injection Date: 01-Nov-2021 19:47:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-6-C Lab Sample ID: 460-246210-6
Client ID: HA-4
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane, 3-methyl-	6418-46-8	NIST02.L	115573	C21H44	296	91
Hexatriacontane	630-06-8	NIST02.L	169089	C36H74	507	91
Heptadecane, 9-octyl-	7225-64-1	NIST02.L	142113	C25H52	352	91

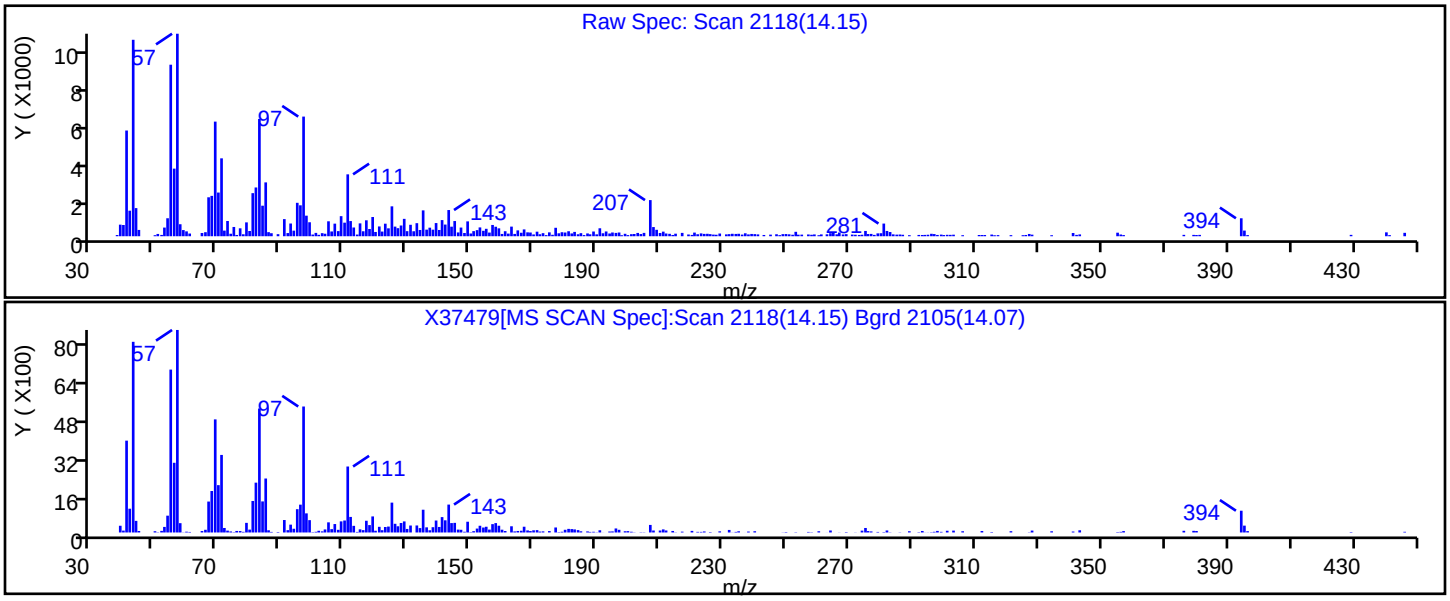


Report Date: 02-Nov-2021 14:32:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d				
Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d

Injection Date: 01-Nov-2021 19:47:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-6-C Lab Sample ID: 460-246210-6

Client ID: HA-4

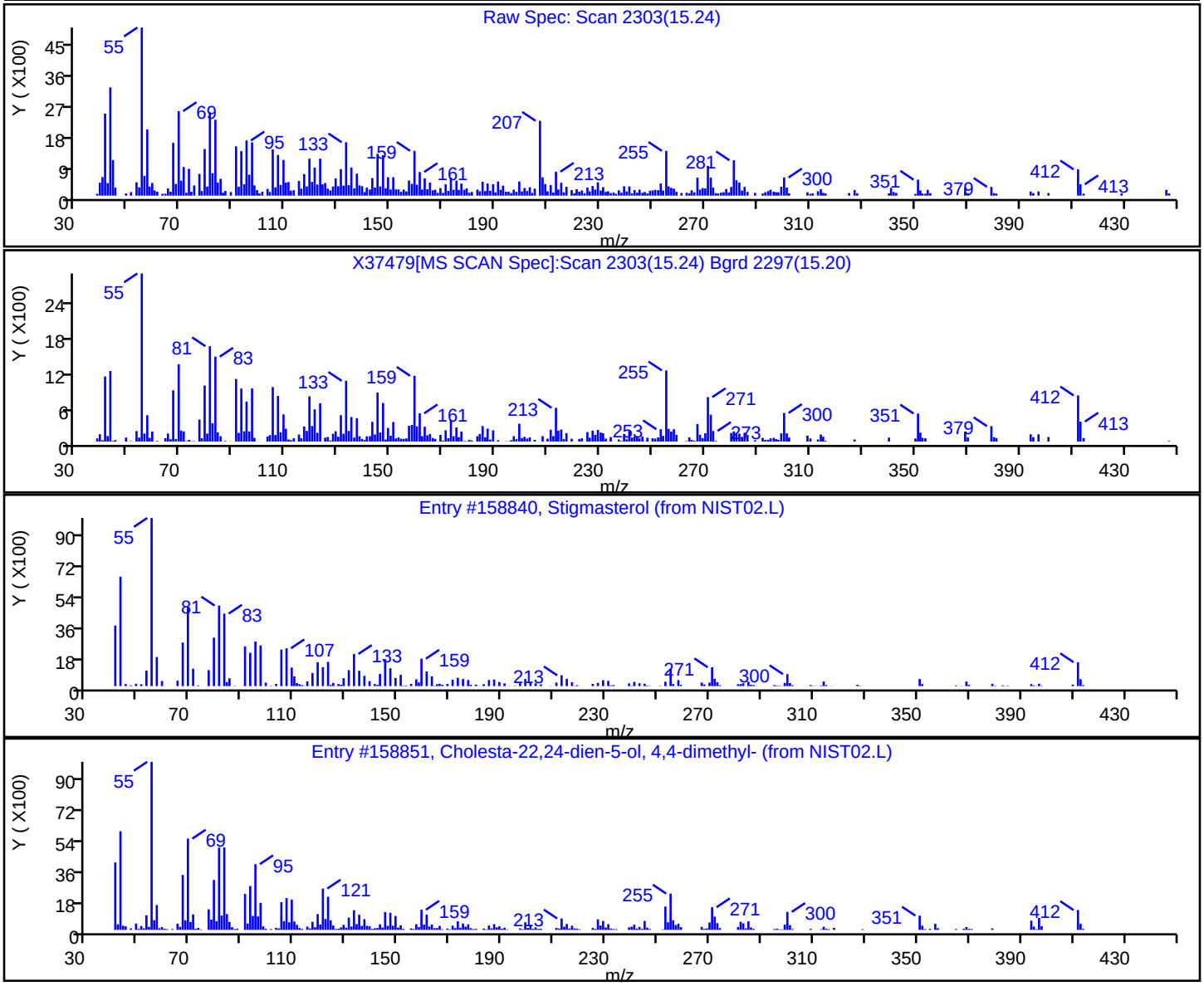
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

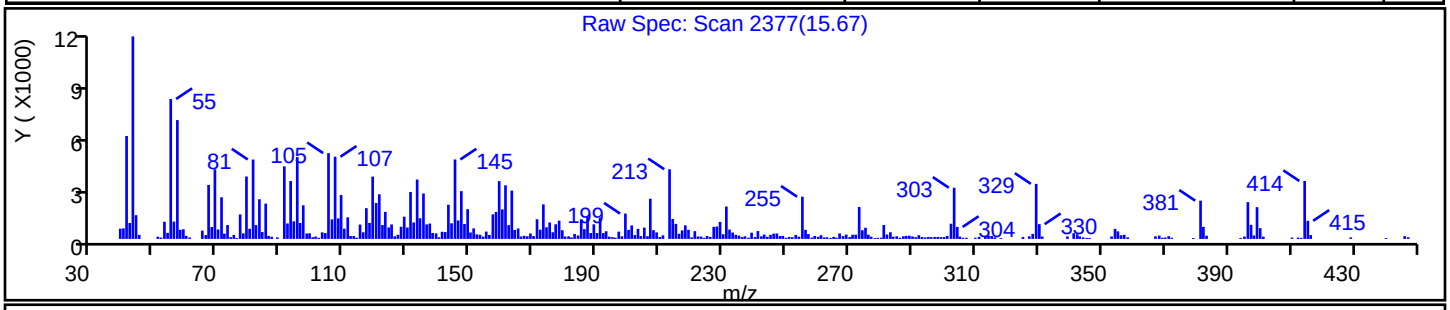
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmasterol	83-48-7	NIST02.L	158840	C29H48O	412	91
Cholesta-22,24-dien-5-ol, 4,4-dimethyl-	1000128-66-1	NIST02.L	158851	C29H48O	412	83

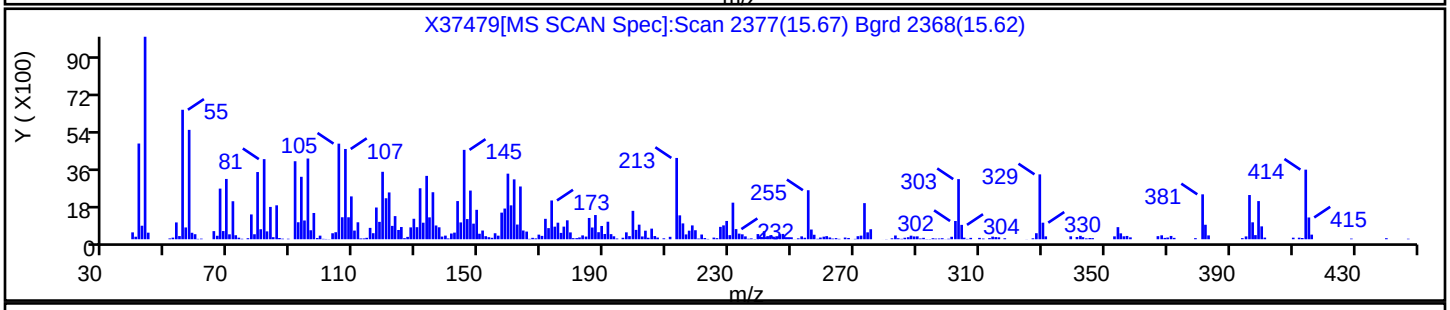


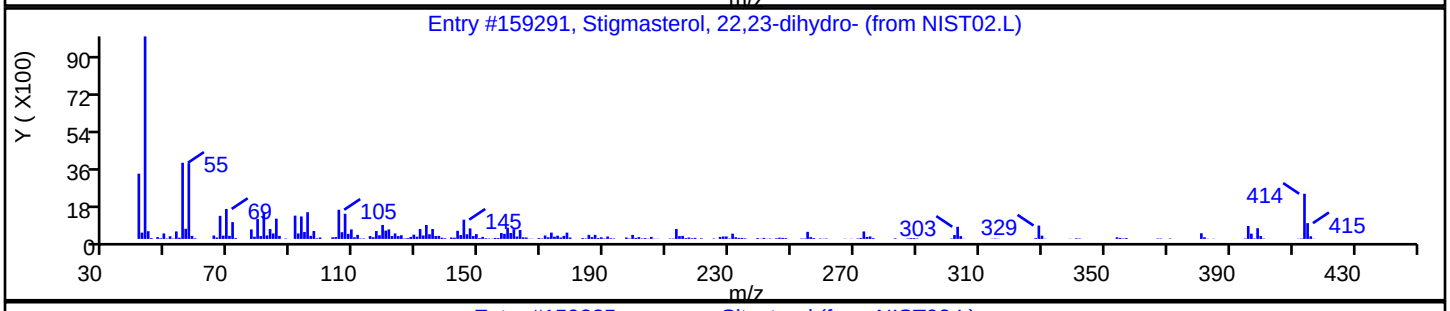
Eurofins TestAmerica, Edison

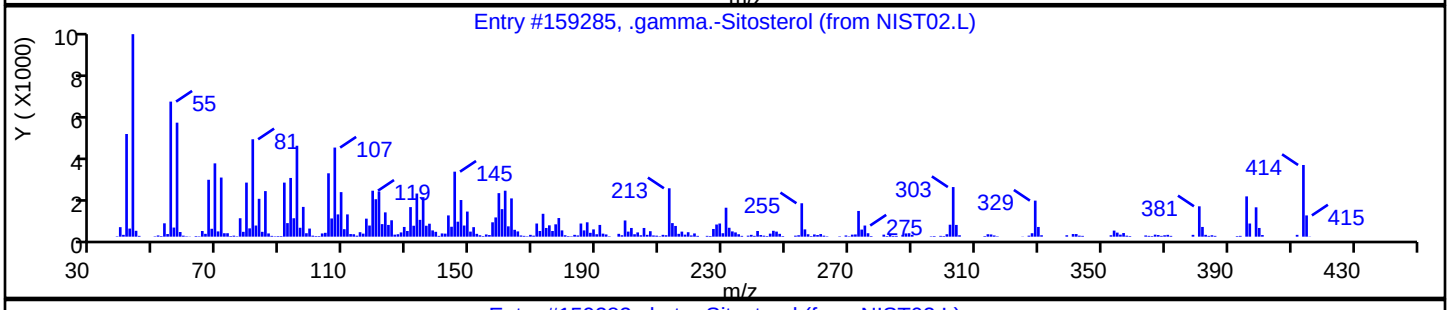
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d
Injection Date: 01-Nov-2021 19:47:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-6-C Lab Sample ID: 460-246210-6
Client ID: HA-4
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

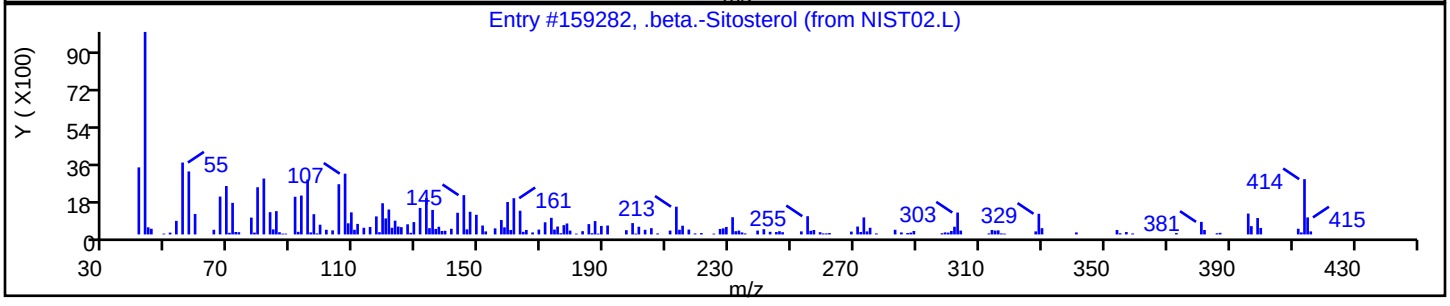
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.L	159291	C29H50O	414	97
.gamma.-Sitosterol	83-47-6	NIST02.L	159285	C29H50O	414	96
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	92









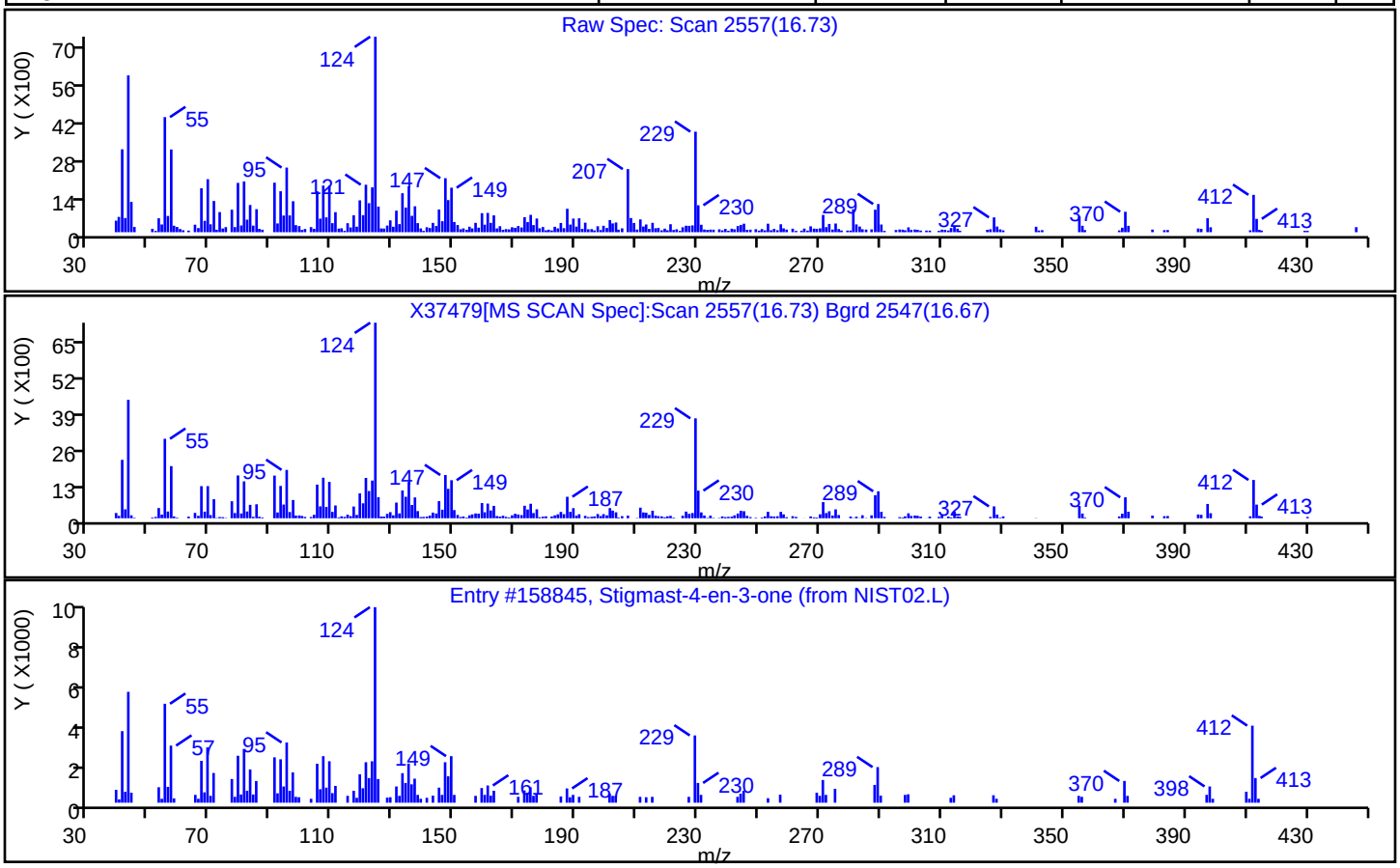


Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37479.d

Injection Date:	01-Nov-2021 19:47:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-6-C	Lab Sample ID:	460-246210-6		
Client ID:	HA-4				
Operator ID:		ALS Bottle#:	27	Worklist Smp#:	27
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	95



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: X37480.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:20

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 20:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.016	U	0.44	0.016
95-57-8	2-Chlorophenol	0.016	U	0.44	0.016
95-48-7	2-Methylphenol	0.017	U	0.44	0.017
106-44-5	4-Methylphenol	0.028	U	0.44	0.028
88-75-5	2-Nitrophenol	0.045	U	0.44	0.045
105-67-9	2,4-Dimethylphenol	0.020	U	0.44	0.020
120-83-2	2,4-Dichlorophenol	0.029	U	0.18	0.029
59-50-7	4-Chloro-3-methylphenol	0.025	U	0.44	0.025
88-06-2	2,4,6-Trichlorophenol	0.057	U	0.18	0.057
95-95-4	2,4,5-Trichlorophenol	0.045	U	0.44	0.045
121-14-2	2,4-Dinitrotoluene	0.048	U	0.090	0.048
100-02-7	4-Nitrophenol	0.073	U	0.90	0.073
534-52-1	4,6-Dinitro-2-methylphenol	0.18	U	0.36	0.18
87-86-5	Pentachlorophenol	0.091	U	0.36	0.091
111-44-4	Bis(2-chloroethyl)ether	0.016	U	0.044	0.016
541-73-1	1,3-Dichlorobenzene	0.0059	U	0.44	0.0059
106-46-7	1,4-Dichlorobenzene	0.017	U	0.44	0.017
95-50-1	1,2-Dichlorobenzene	0.0076	U	0.44	0.0076
621-64-7	N-Nitrosodi-n-propylamine	0.032	U	0.044	0.032
67-72-1	Hexachloroethane	0.015	U	0.044	0.015
98-95-3	Nitrobenzene	0.011	U	0.044	0.011
78-59-1	Isophorone	0.13	U	0.18	0.13
120-82-1	1,2,4-Trichlorobenzene	0.011	U	0.044	0.011
91-20-3	Naphthalene	0.025	J	0.44	0.0077
87-68-3	Hexachlorobutadiene	0.0095	U	0.090	0.0095
91-57-6	2-Methylnaphthalene	0.014	J	0.44	0.012
77-47-4	Hexachlorocyclopentadiene	0.039	U	0.44	0.039
91-58-7	2-Chloronaphthalene	0.021	U	0.44	0.021
88-74-4	2-Nitroaniline	0.017	U	0.44	0.017
131-11-3	Dimethyl phthalate	0.10	U	0.44	0.10
208-96-8	Acenaphthylene	0.012	J	0.44	0.0045
606-20-2	2,6-Dinitrotoluene	0.032	U	0.090	0.032
99-09-2	3-Nitroaniline	0.050	U	0.44	0.050
83-32-9	Acenaphthene	0.013	U	0.44	0.013

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: X37480.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:20

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 20:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.012	J	0.44	0.0063
51-28-5	2,4-Dinitrophenol	0.22	U	0.36	0.22
84-66-2	Diethyl phthalate	0.0065	U	0.44	0.0065
7005-72-3	4-Chlorophenyl phenyl ether	0.016	U	0.44	0.016
86-73-7	Fluorene	0.012	J	0.44	0.0060
100-01-6	4-Nitroaniline	0.051	U	0.44	0.051
86-30-6	N-Nitrosodiphenylamine	0.037	U	0.44	0.037
101-55-3	4-Bromophenyl phenyl ether	0.018	U	0.44	0.018
118-74-1	Hexachlorobenzene	0.021	U	0.044	0.021
85-01-8	Phenanthrene	0.20	J	0.44	0.0078
120-12-7	Anthracene	0.033	J	0.44	0.014
86-74-8	Carbazole	0.024	J	0.44	0.017
84-74-2	Di-n-butyl phthalate	0.017	U	0.44	0.017
206-44-0	Fluoranthene	0.37	J	0.44	0.016
129-00-0	Pyrene	0.36	J	0.44	0.011
85-68-7	Butyl benzyl phthalate	0.021	U	0.44	0.021
56-55-3	Benzo[a]anthracene	0.19		0.044	0.016
218-01-9	Chrysene	0.22	J	0.44	0.0075
117-81-7	Bis(2-ethylhexyl) phthalate	0.085	J	0.44	0.024
117-84-0	Di-n-octyl phthalate	0.024	U	0.44	0.024
205-99-2	Benzo[b]fluoranthene	0.29		0.044	0.012
207-08-9	Benzo[k]fluoranthene	0.11		0.044	0.0087
50-32-8	Benzo[a]pyrene	0.18		0.044	0.012
193-39-5	Indeno[1,2,3-cd]pyrene	0.15		0.044	0.017
53-70-3	Dibenz(a,h)anthracene	0.042	J	0.044	0.019
191-24-2	Benzo[g,h,i]perylene	0.13	J	0.44	0.013
108-60-1	2,2'-oxybis[1-chloropropane]	0.0081	U	0.44	0.0081
91-94-1	3,3'-Dichlorobenzidine	0.067	U	0.18	0.067
111-91-1	Bis(2-chloroethoxy)methane	0.035	U	0.44	0.035

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: X37480.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:20

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 20:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		11-104
4165-62-2	Phenol-d5	70		15-100
1718-51-0	Terphenyl-d14	79		12-126
118-79-6	2,4,6-Tribromophenol	78		10-123
367-12-4	2-Fluorophenol	73		10-105
321-60-8	2-Fluorobiphenyl	72		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: X37480.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:20

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 20:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 16 TIC Result Total: 28.17

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Unknown	1.96	1.0	J	
	Unknown	3.10	0.71	J	
	Aldol condensation product	3.21	1.4	A J	
57-10-3	n-Hexadecanoic acid	9.32	0.40	J N	95%
	Unknown	12.14	0.65	J	
1599-67-3	1-Docosene	13.11	8.5	J N	90%
4429-77-0	Cycloheptadecanol	13.82	1.5	J N	98%
629-62-9	Pentadecane	14.11	2.7	J N	94%
18835-33-1	1-Hexacosene	14.16	1.8	J N	98%
83-48-7	Stigmasterol	15.25	0.61	J N	93%
112-95-8	Eicosane	15.33	1.6	J N	97%
83-46-5	.beta.-Sitosterol	15.67	1.8	J N	95%
14811-95-1	1,19-Eicosadiene	16.51	1.1	J N	93%
1058-61-3	Stigmast-4-en-3-one	16.73	0.76	J N	98%
1000151-22-6	Cyclodocosane, ethyl-	17.12	2.8	J N	87%
	Unknown	17.24	0.84	J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Lims ID: 460-246210-F-7-C
Client ID: HA-5
Sample Type: Client
Inject. Date: 01-Nov-2021 20:10:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-028
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:32:53 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:17:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.304	3.287	0.017	92	87313	36.4	
$ 6 Phenol-d5	99	4.193	4.169	0.024	97	101330	34.8	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	70422	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	92	85155	31.1	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	270335	40.0	
39 Naphthalene	128	5.745	5.751	-0.006	34	1955	0.2835	
44 2-Methylnaphthalene	142	6.404	6.404	0.000	35	722	0.1518	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	97	203943	36.0	
61 Acenaphthylene	152	7.251	7.251	0.000	67	993	0.1372	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	98	154098	40.0	
71 Dibenzofuran	168	7.575	7.581	-0.006	54	877	0.1391	
75 Fluorene	166	7.898	7.904	-0.006	65	692	0.1388	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	89	47990	39.1	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	285404	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	85	16801	2.28	
90 Anthracene	178	8.851	8.851	0.000	60	2770	0.3659	
91 Carbazole	167	8.998	9.004	-0.006	79	1873	0.2705	
93 Fluoranthene	202	9.928	9.928	0.000	98	33746	4.07	
95 Pyrene	202	10.139	10.139	0.000	97	29954	4.06	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	259278	39.7	
101 Benzo[a]anthracene	228	11.410	11.410	0.000	52	15957	2.14	
* 102 Chrysene-d12	240	11.422	11.422	0.000	99	238921	40.0	
103 Chrysene	228	11.445	11.433	-0.006	78	17279	2.46	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	61	4370	0.9496	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	60	24645	3.25	M
107 Benzo[k]fluoranthene	252	12.827	12.839	-0.012	1	9147	1.18	M
108 Benzo[a]pyrene	252	13.257	13.257	0.000	95	14417	2.00	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	265279	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	94	12689	1.69	
111 Dibenz(a,h)anthracene	278	14.968	14.974	-0.006	7	3609	0.4621	
112 Benzo[g,h,i]perylene	276	15.374	15.386	-0.012	80	11336	1.39	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00196	Amount Added:	20.00	Units: uL	Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Lims ID: 460-246210-F-7-C
Client ID: HA-5
Sample Type: Client
Inject. Date: 01-Nov-2021 20:10:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-028
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:32:53 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 02-Nov-2021 00:17:21

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Unknown						
1.957	117889	11.1	14	0	0		0	
		Unknown						
3.104	84241	7.93	14					
		Aldol condensation product						
3.210	166579	15.7	14	0	0		0	
	57-10-3	n-Hexadecanoic acid						
9.316	89751	4.45	88	95	92227	C16H32O2	256	
		Unknown						
12.139	139274	7.19	102					
	1599-67-3	1-Docosene						
13.110	1647424	94.4	109	90	121981	C22H44	308	
	4429-77-0	Cycloheptadecanol						
13.821	290860	16.7	109	98	91011	C17H34O	254	
	629-62-9	Pentadecane						
14.110	515172	29.5	109	94	64571	C15H32	212	
	18835-33-1	1-Hexacosene						
14.157	342103	19.6	109	98	146452	C26H52	364	
	83-48-7	Stigmasterol						
15.245	117601	6.74	109	93	158840	C29H48O	412	
	112-95-8	Eicosane						
15.327	311254	17.8	109	97	107652	C20H42	282	
	83-46-5	.beta.-Sitosterol						
15.674	347442	19.9	109	95	159282	C29H50O	414	

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
	14811-95-1	1,19-Eicosadiene						
16.509	209211	12.0	109	93	105307	C20H38	278	
	1058-61-3	Stigmast-4-en-3-one						
16.733	147251	8.44	109	98	158845	C29H48O	412	
	1000151-22-6	Cyclodocosane, ethyl-						
17.115	549960	31.5	109	87	135653	C24H48	336	
		Unknown						
17.239	163381	9.36	109					

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	424730	40.0
* 88 Phenanthrene-d10	8.781	807106	40.0
* 102 Chrysene-d12	11.422	775158	40.0
* 109 Perylene-d12	13.339	698026	40.0

QC Flag Legend

Processing Flags

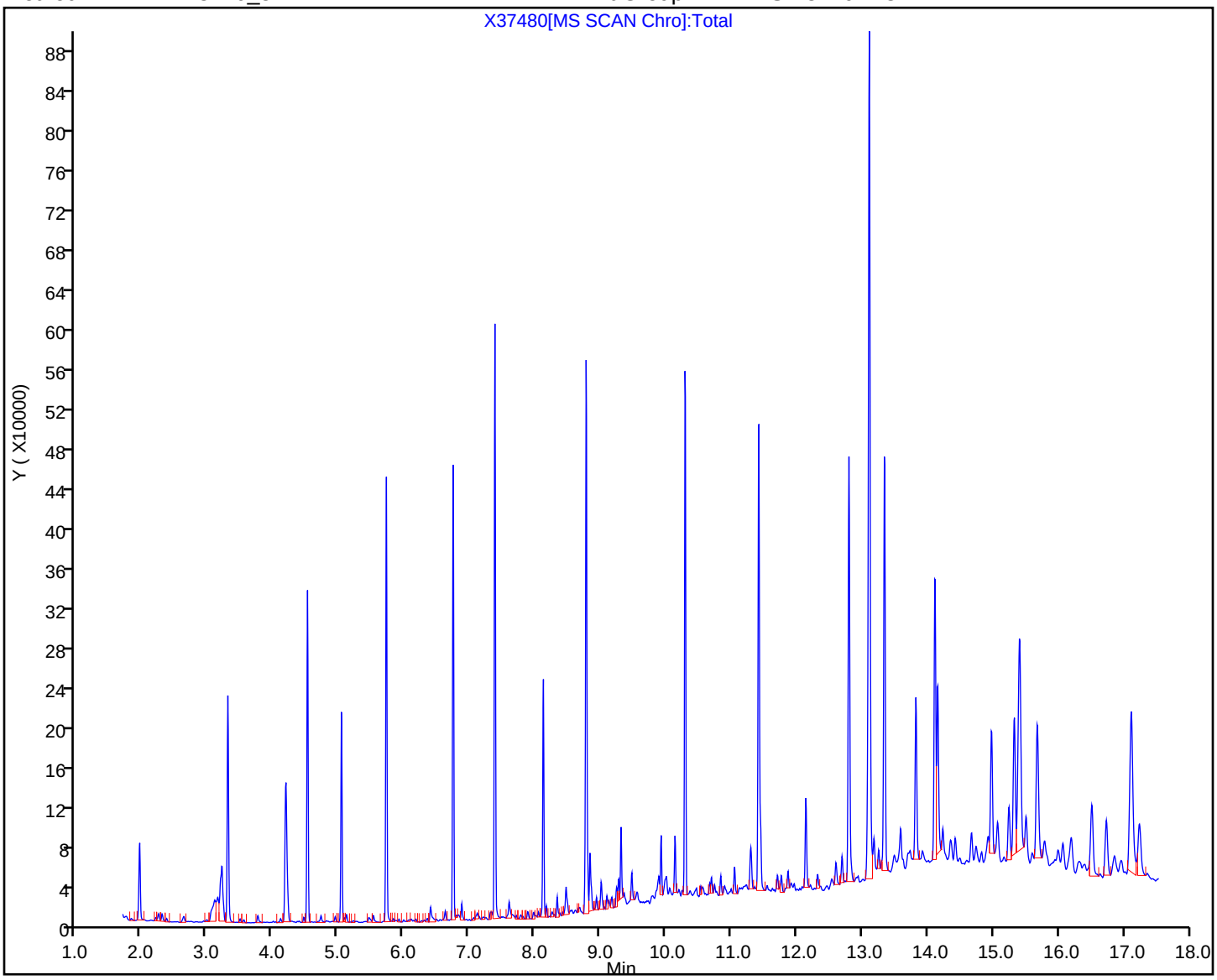
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:32:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

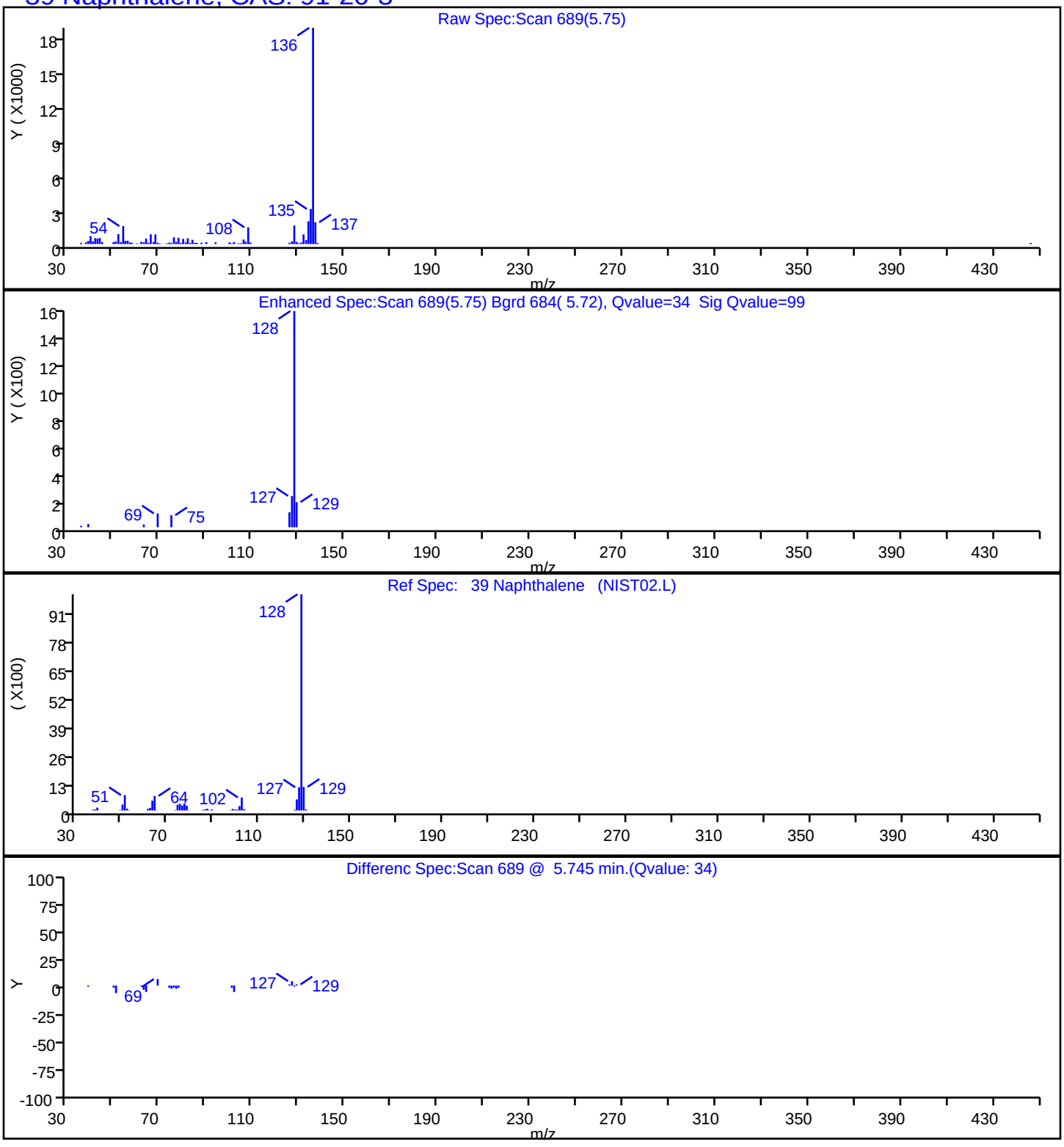
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

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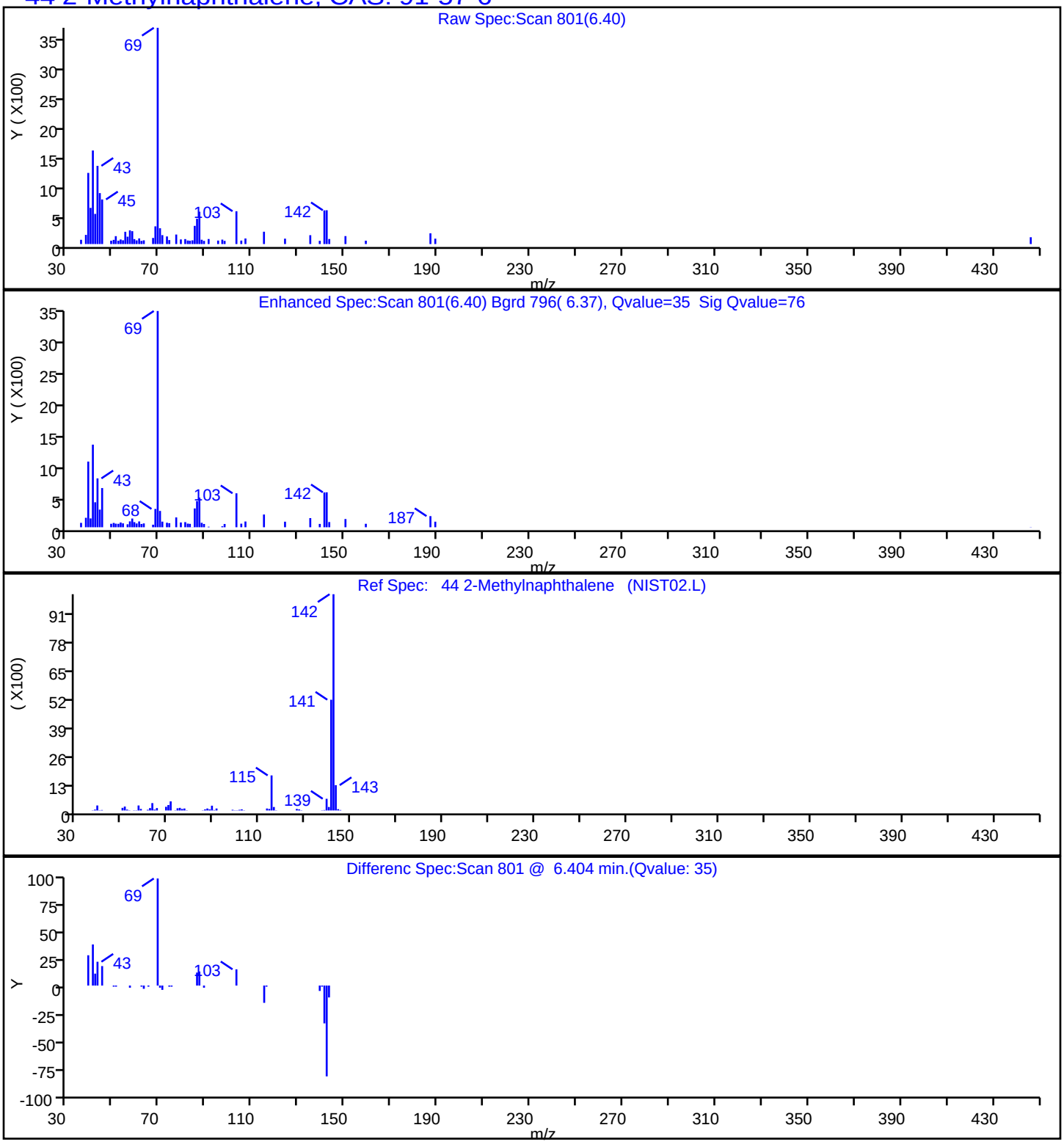
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins TestAmerica, Edison

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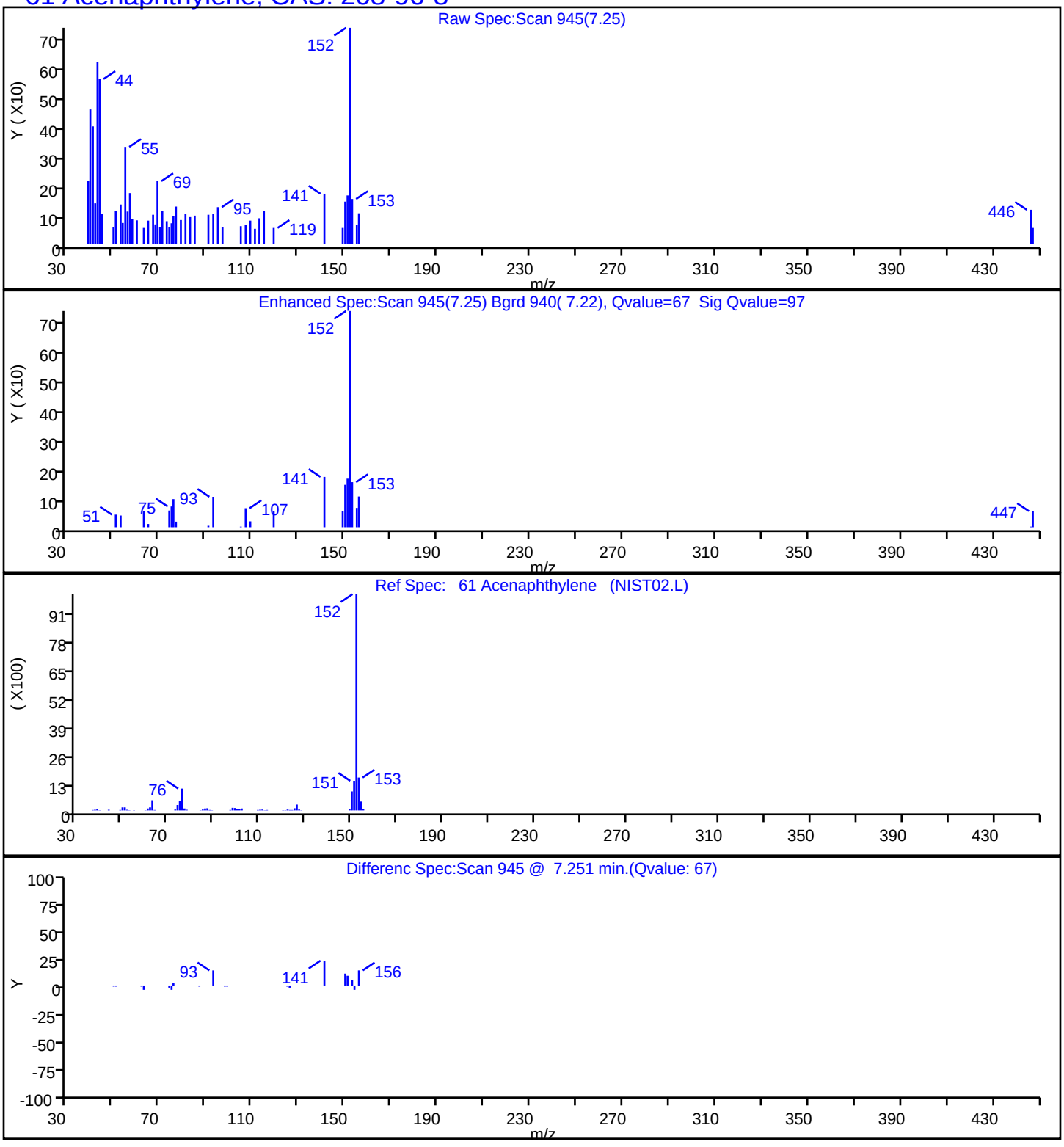
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

61 Acenaphthylene, CAS: 208-96-8



Eurofins TestAmerica, Edison

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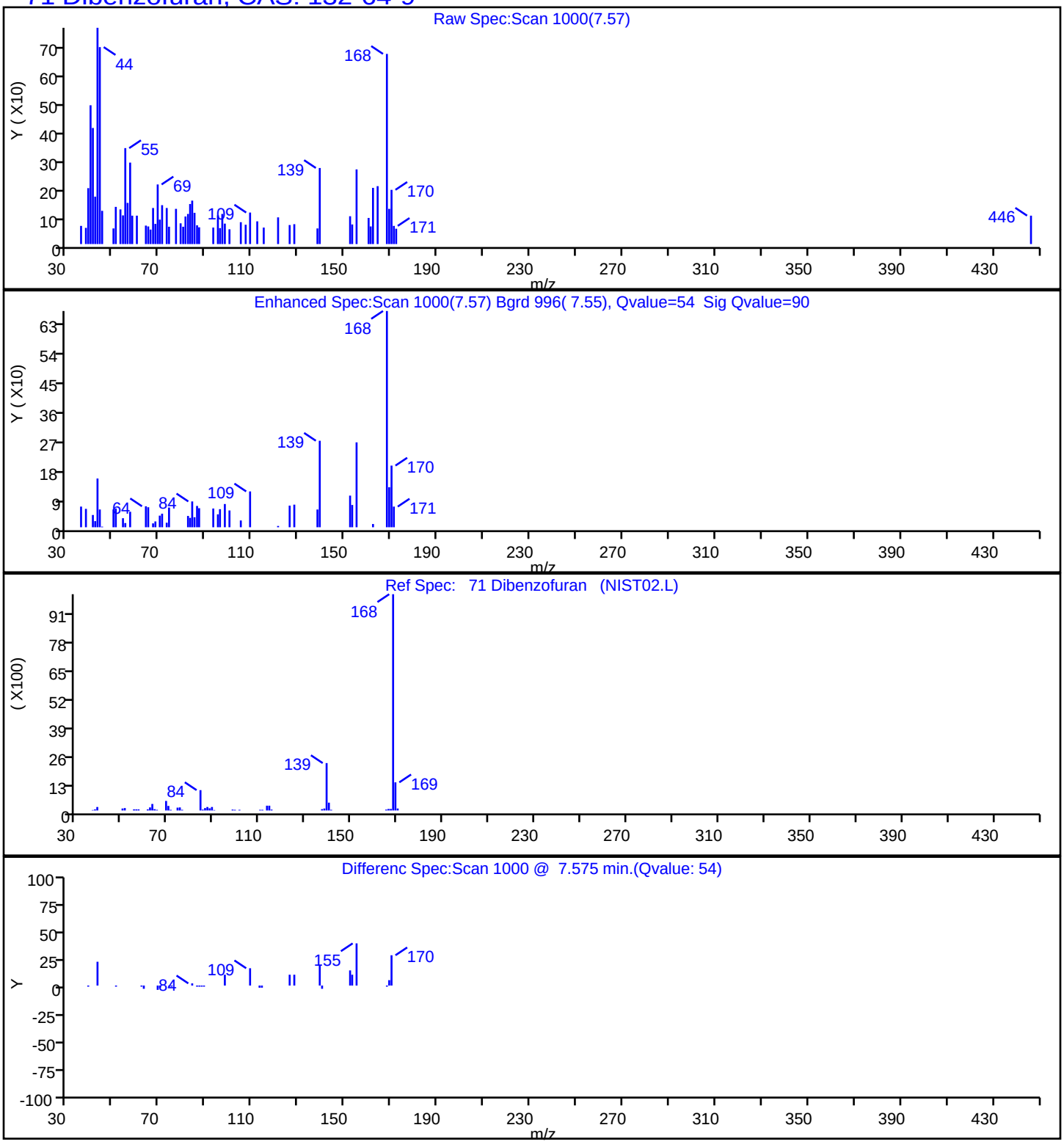
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

71 Dibenzofuran, CAS: 132-64-9



Eurofins TestAmerica, Edison

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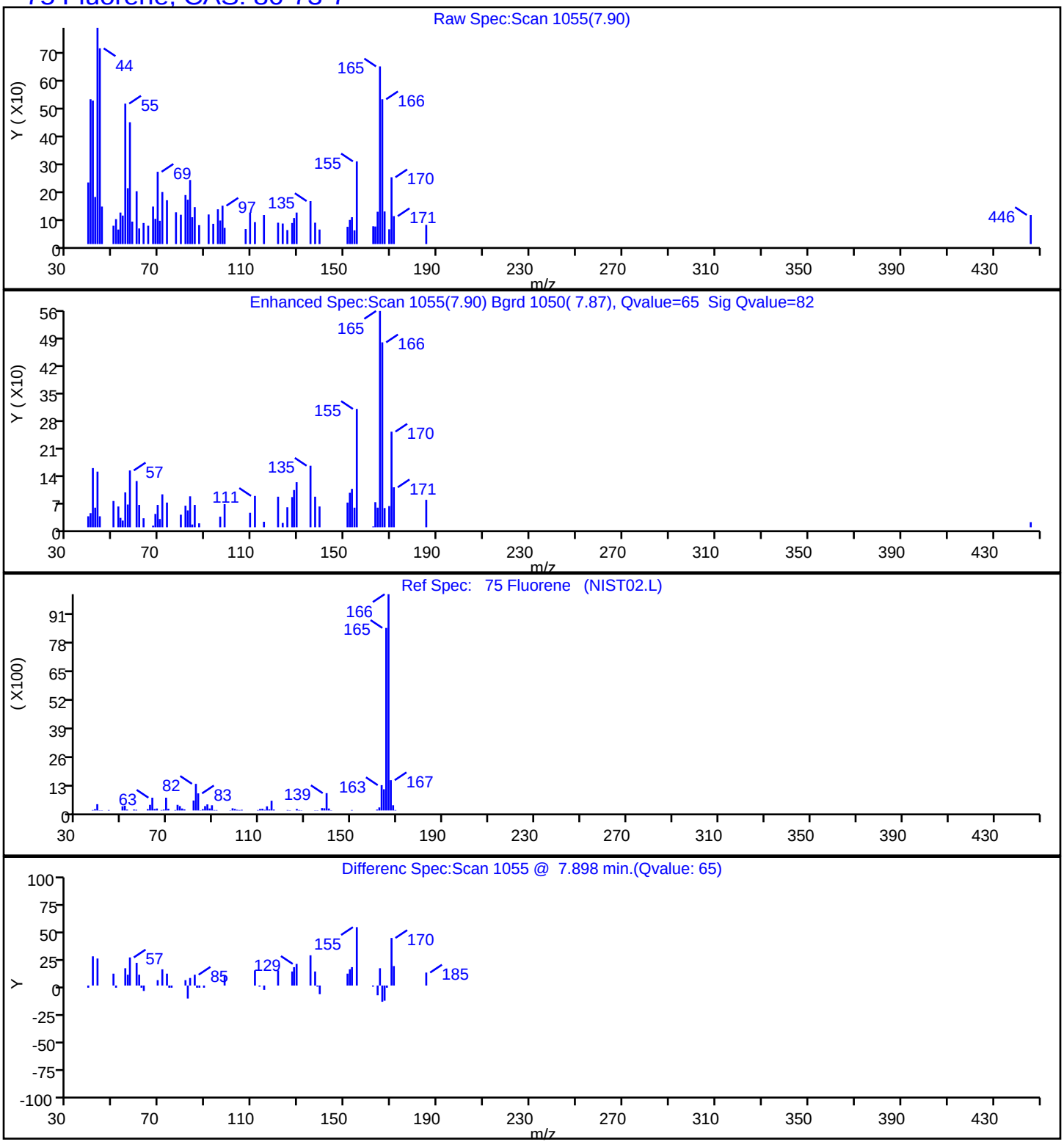
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

75 Fluorene, CAS: 86-73-7



Eurofins TestAmerica, Edison

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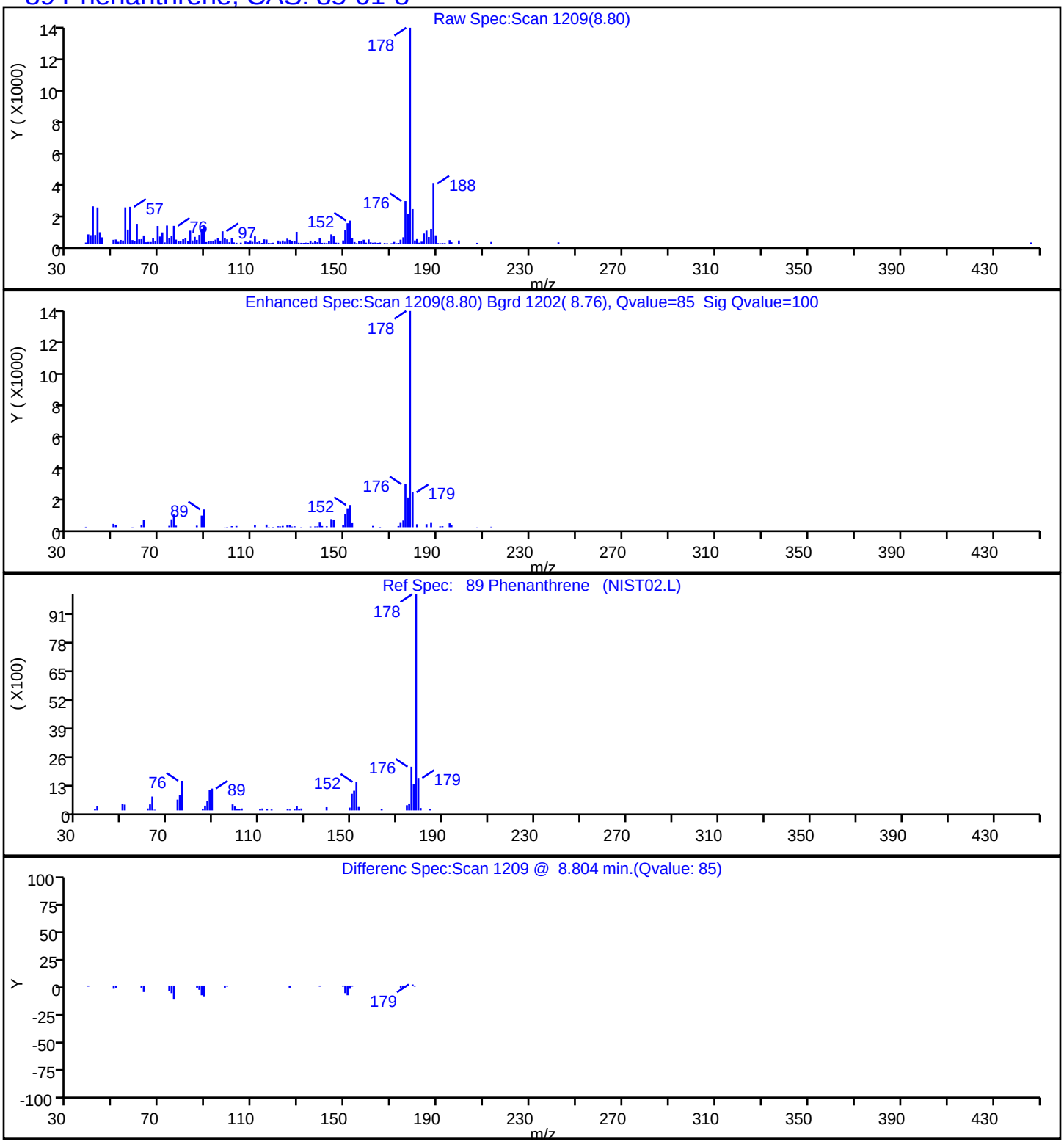
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

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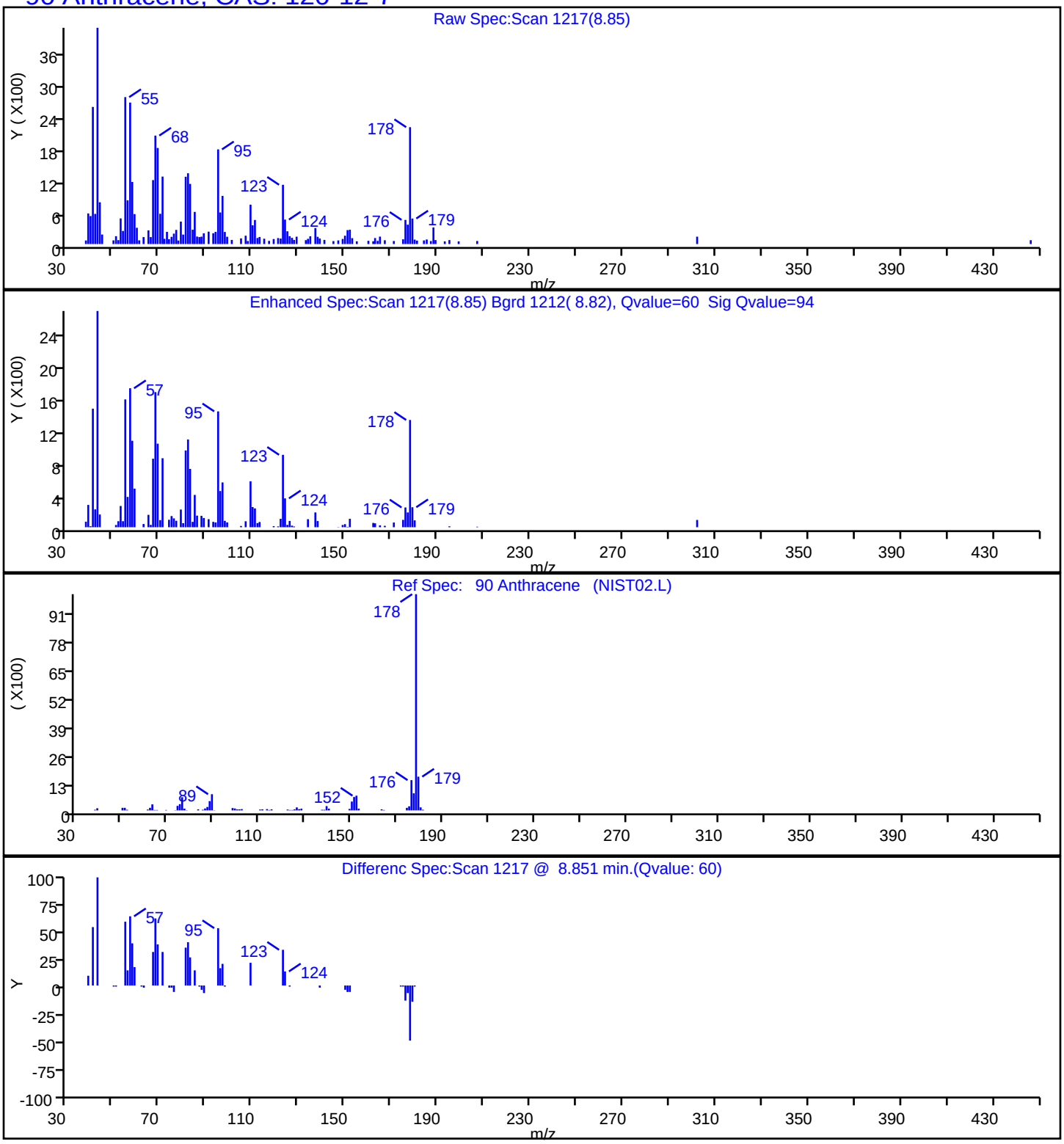
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

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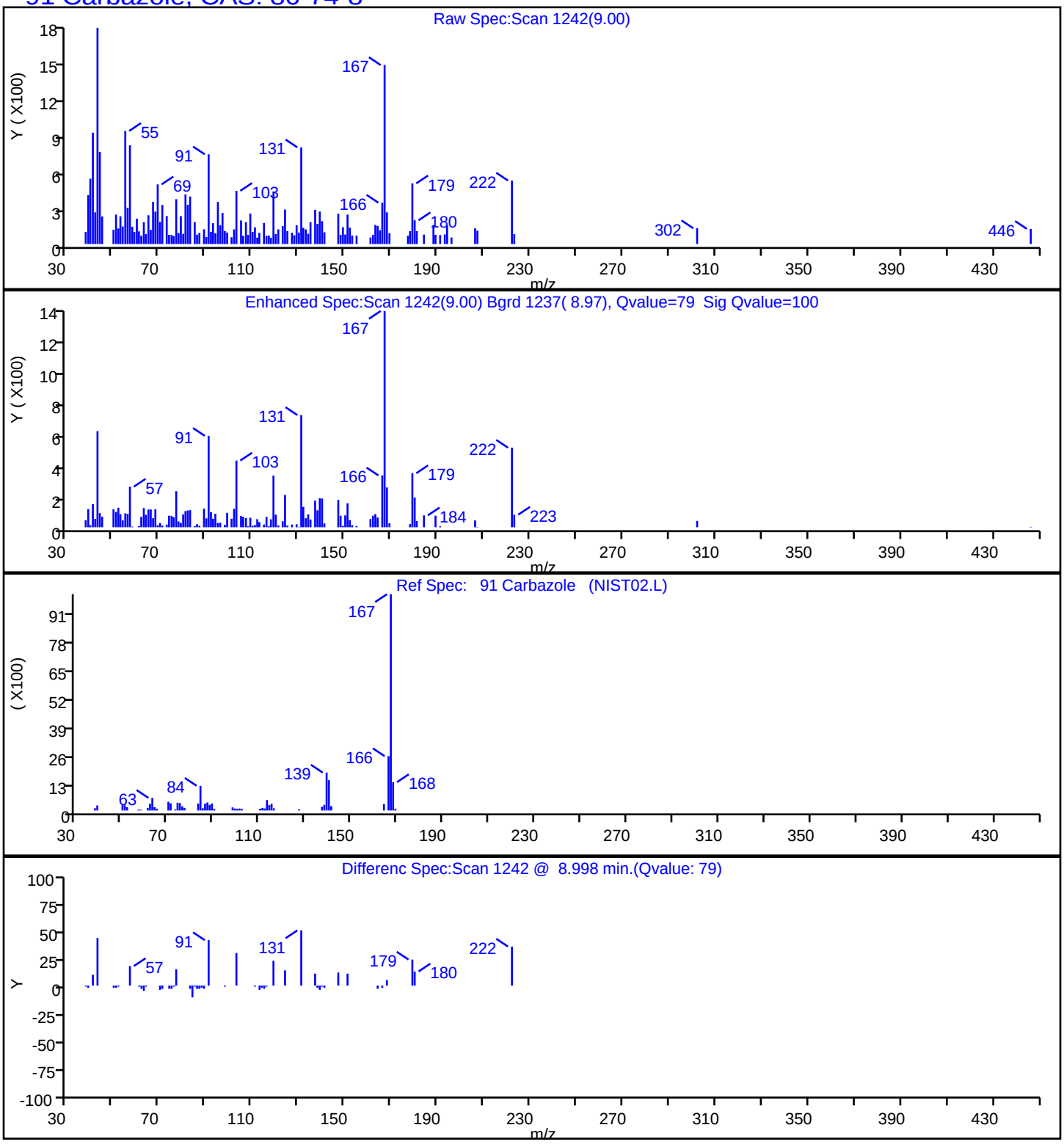
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

91 Carbazole, CAS: 86-74-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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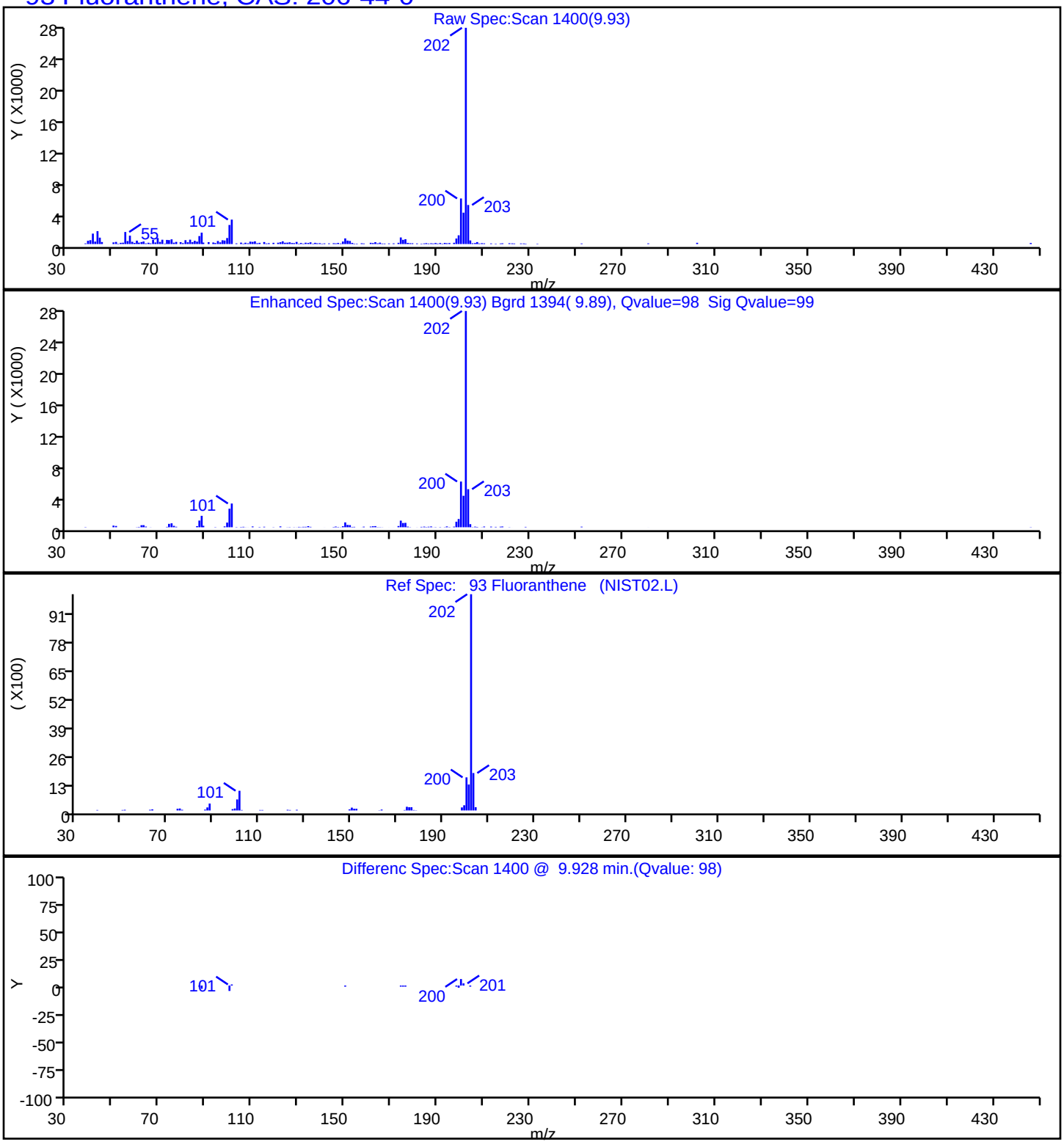
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

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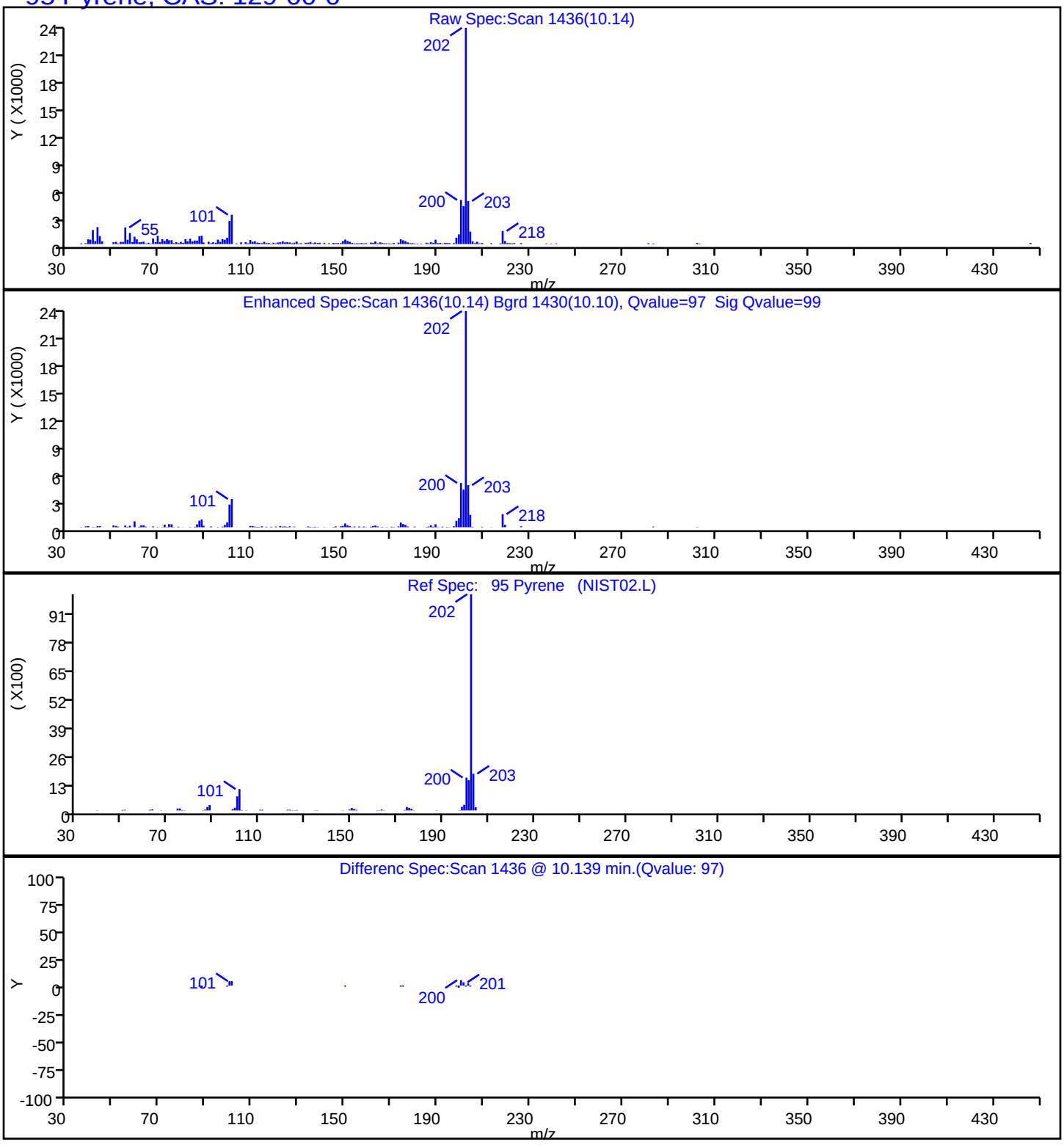
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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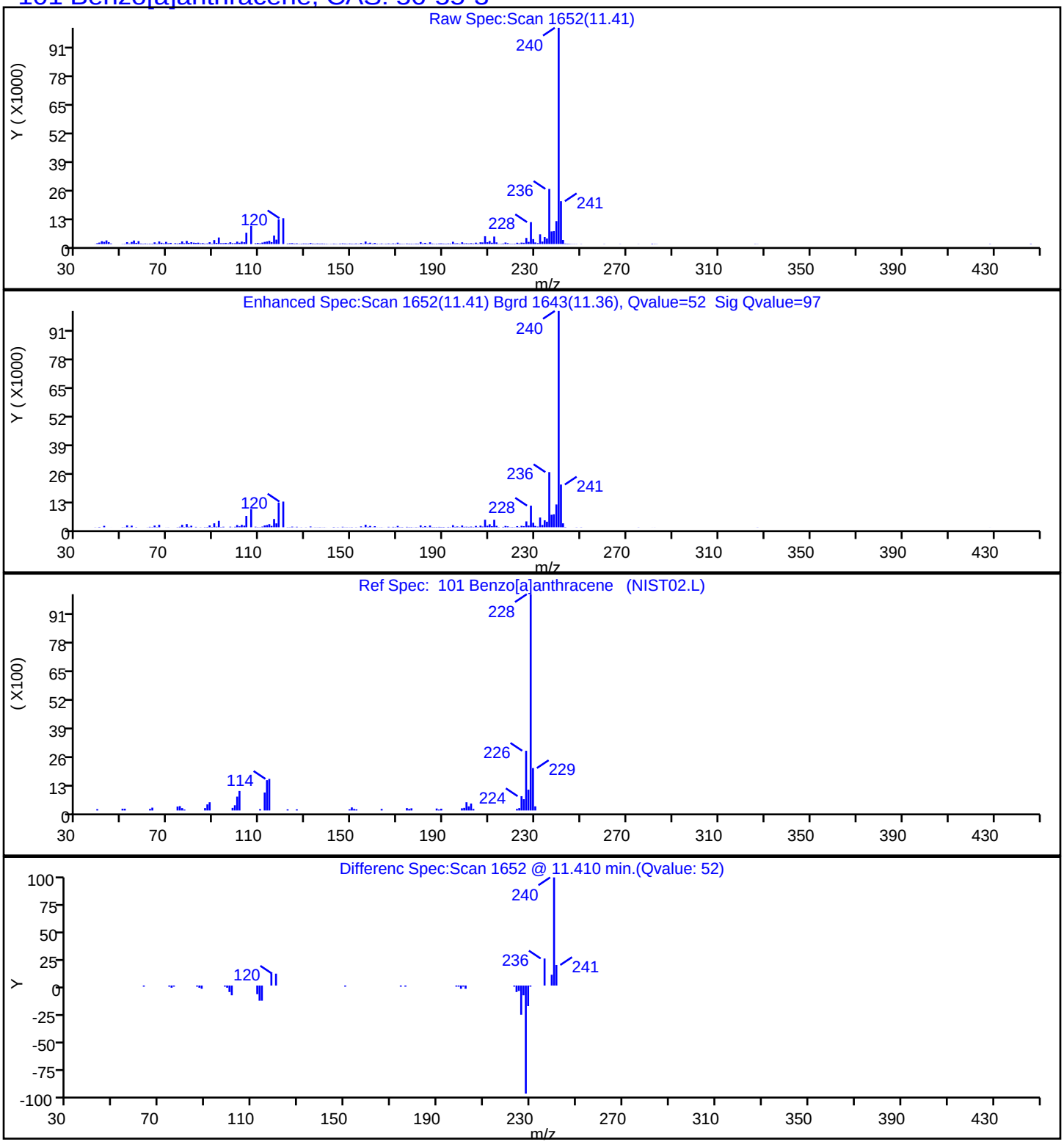
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

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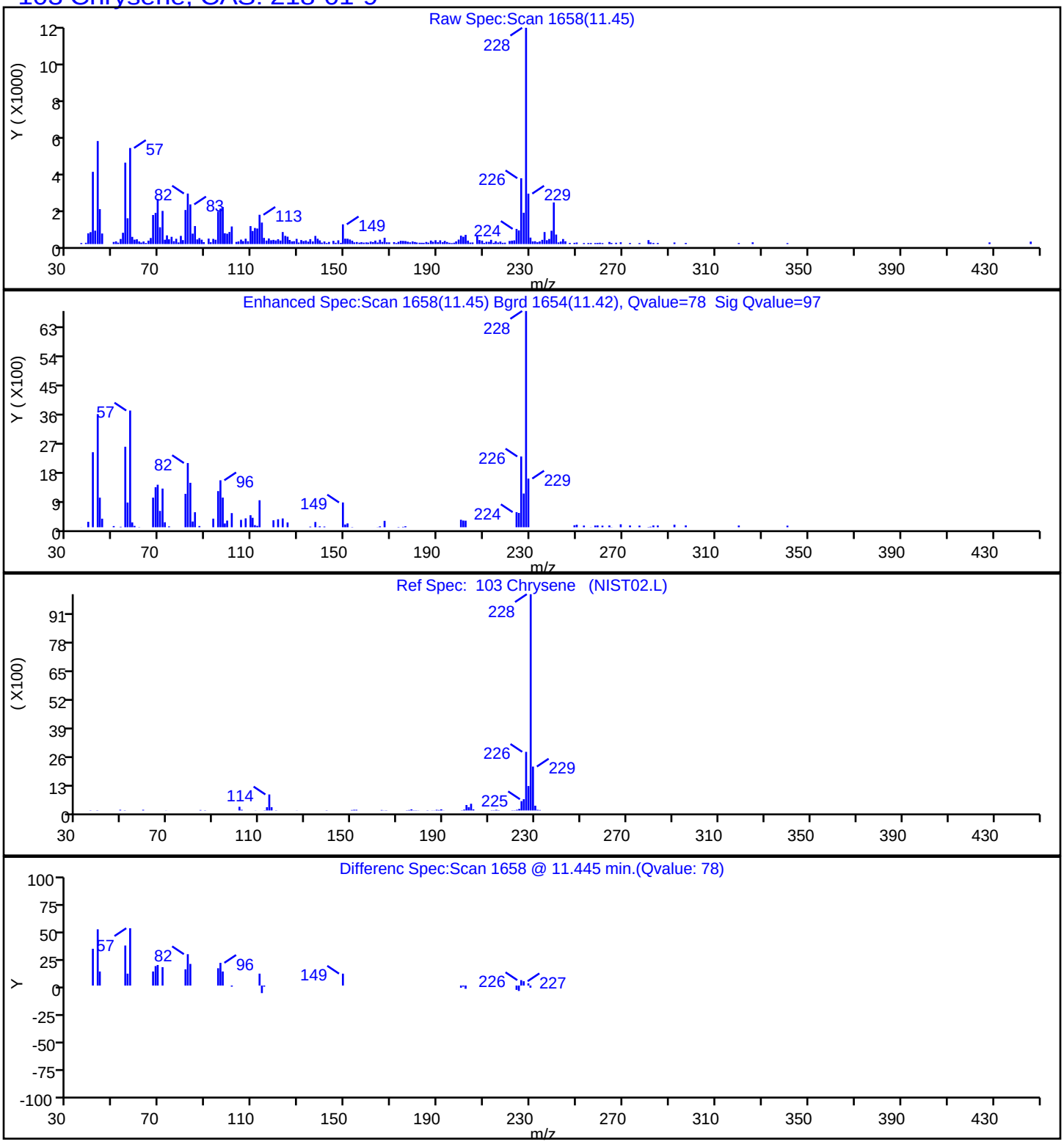
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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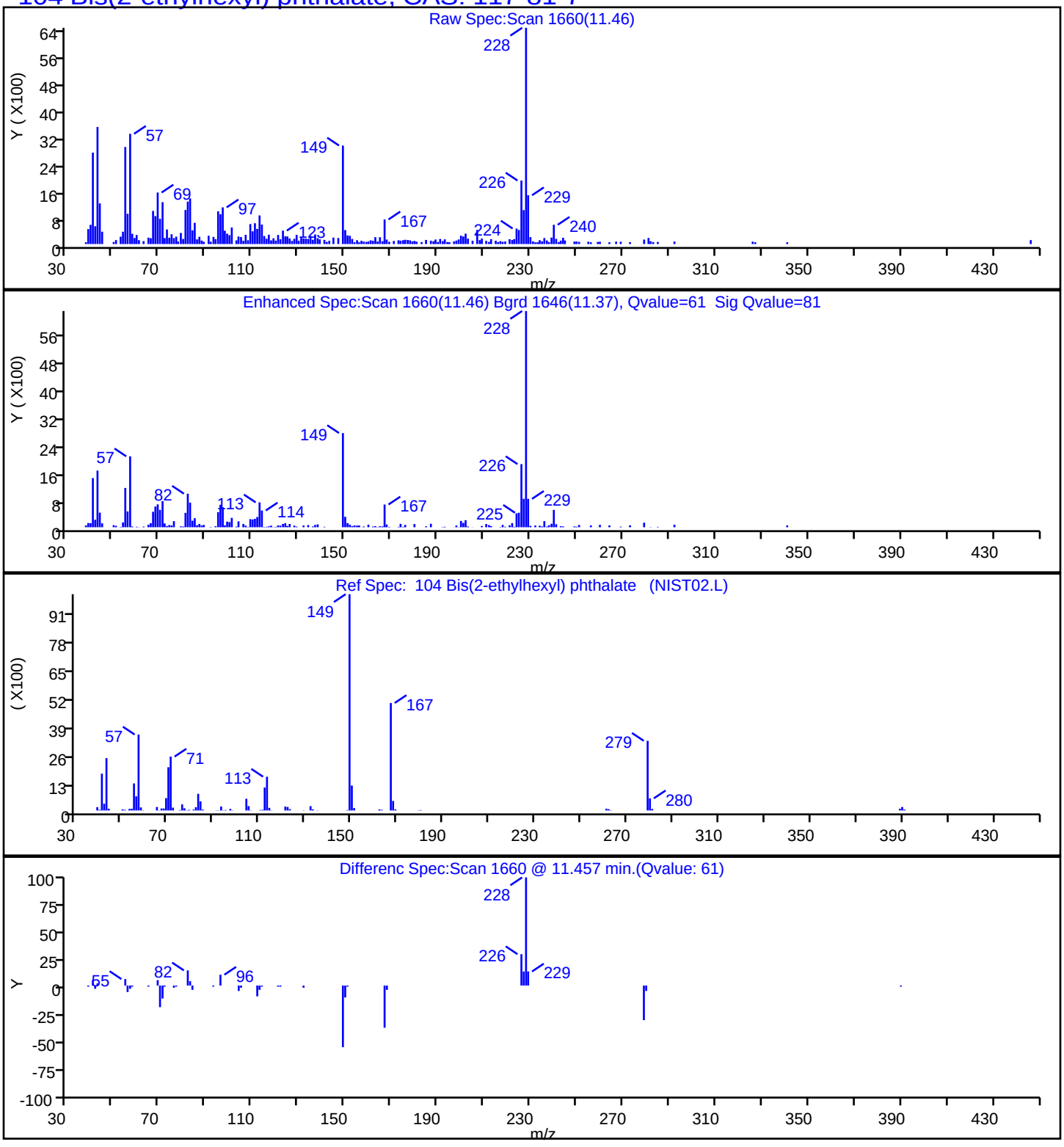
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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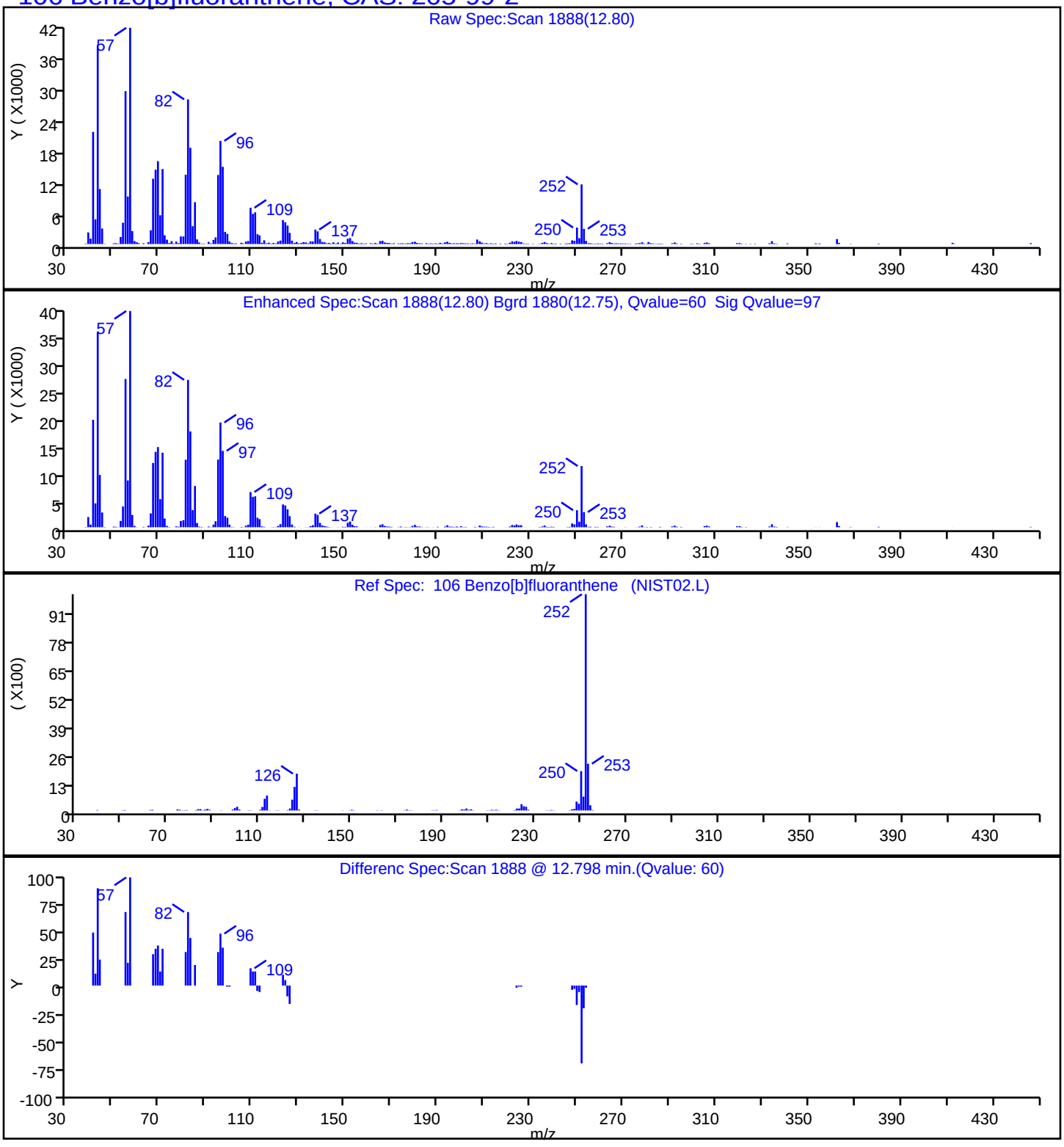
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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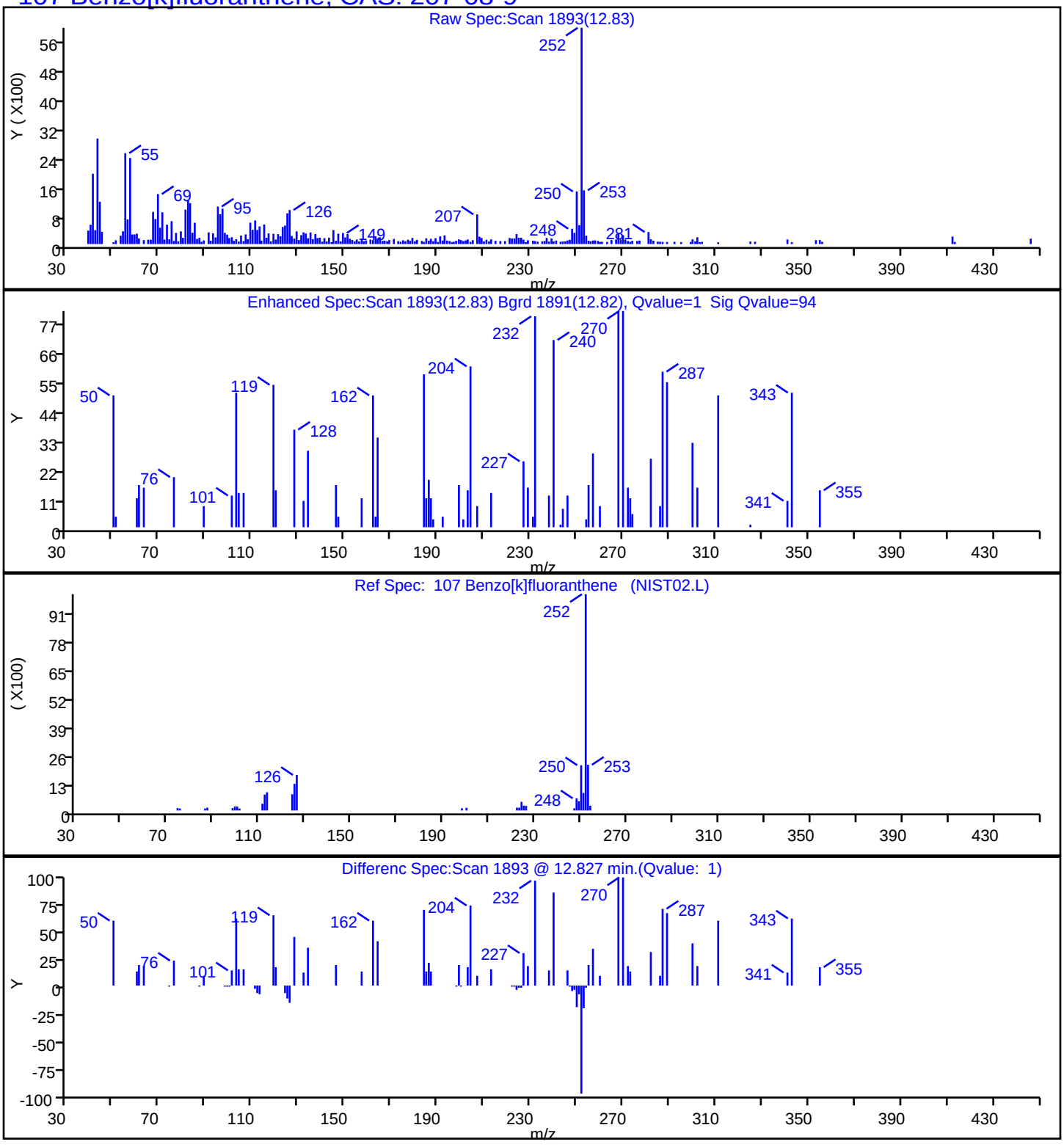
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

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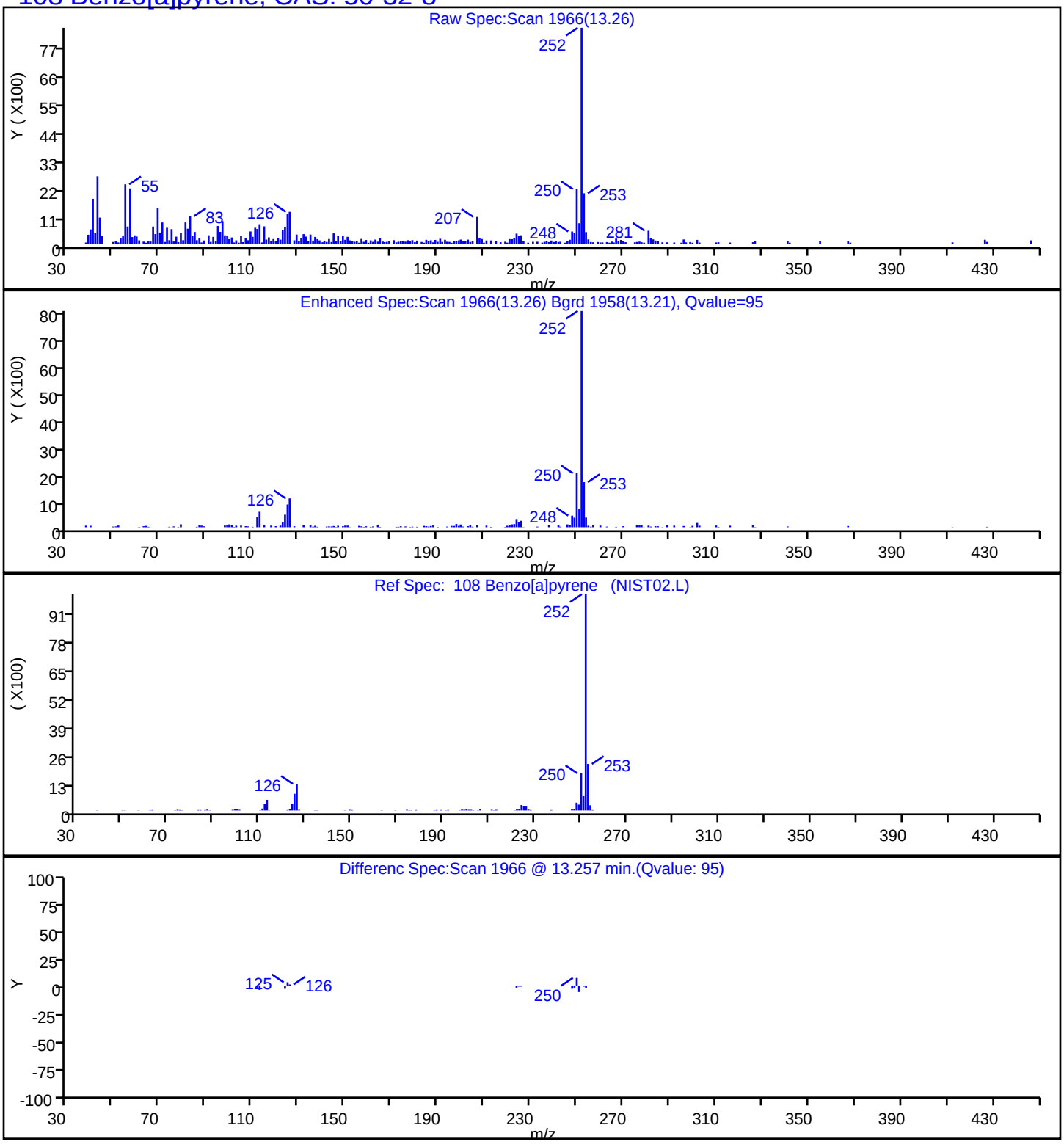
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
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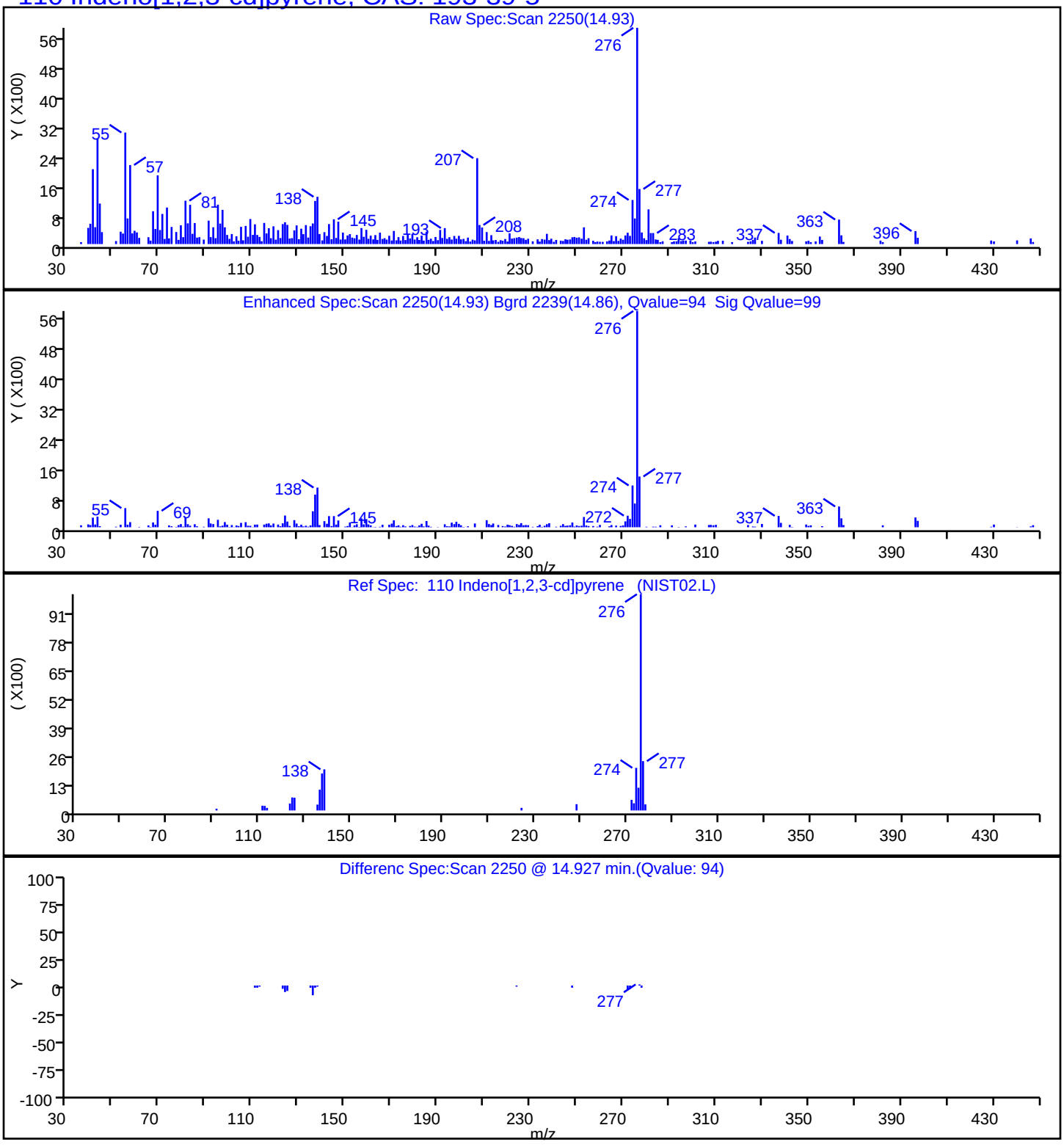
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

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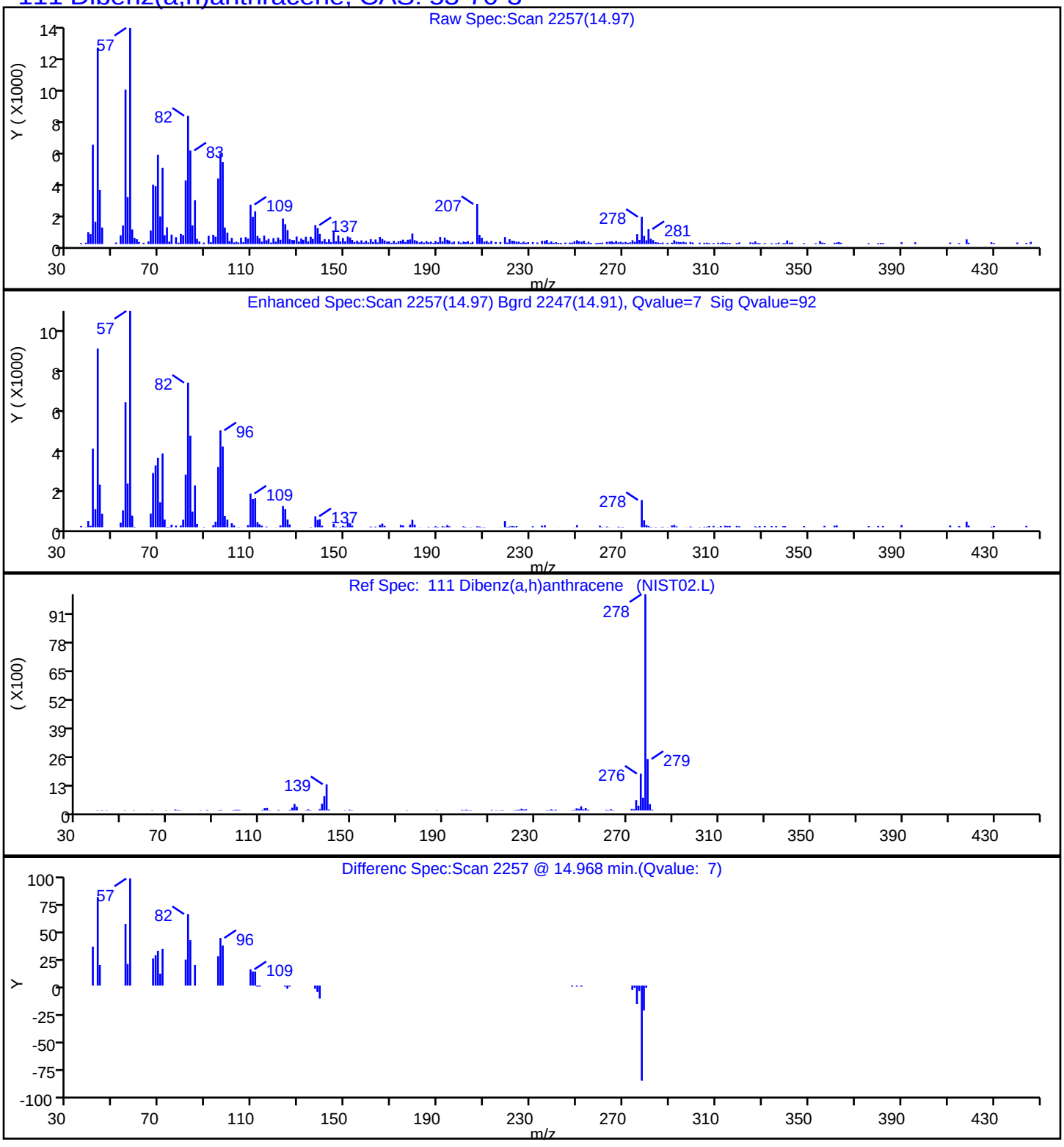
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins TestAmerica, Edison

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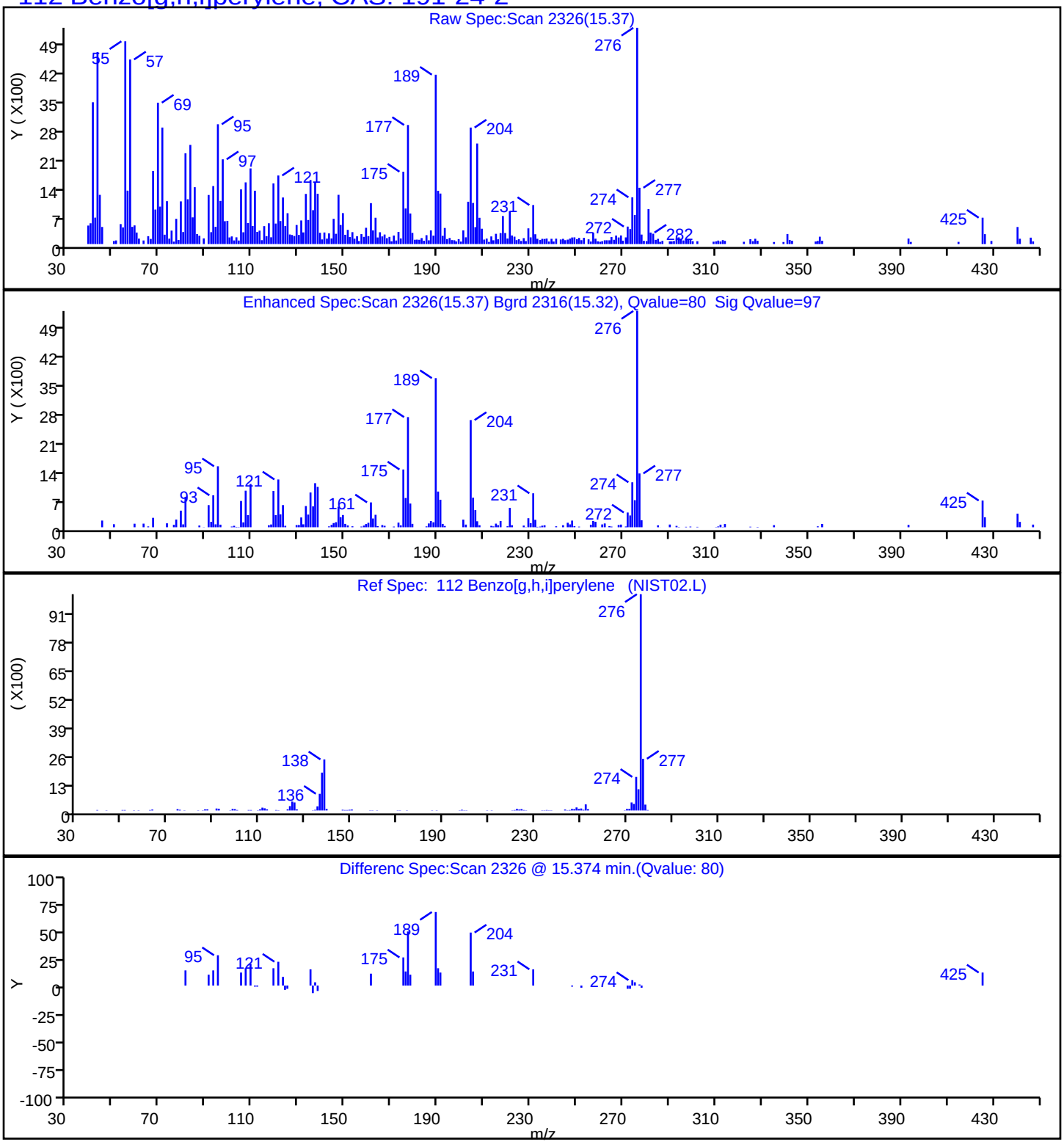
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

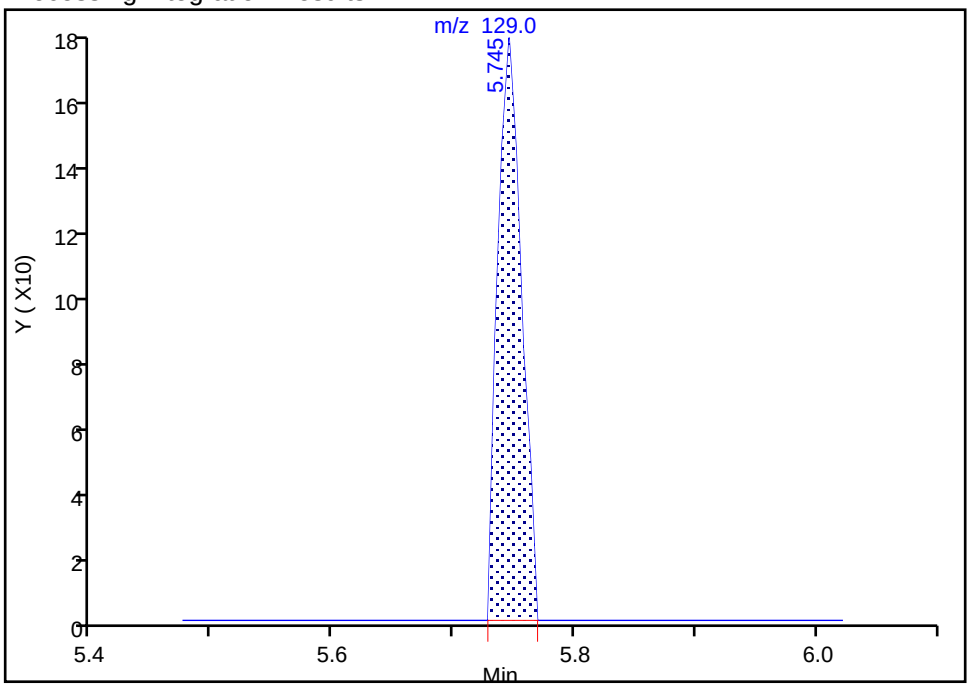
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d		
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7
Client ID:	HA-5		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

39 Naphthalene, CAS: 91-20-3

Signal: 2

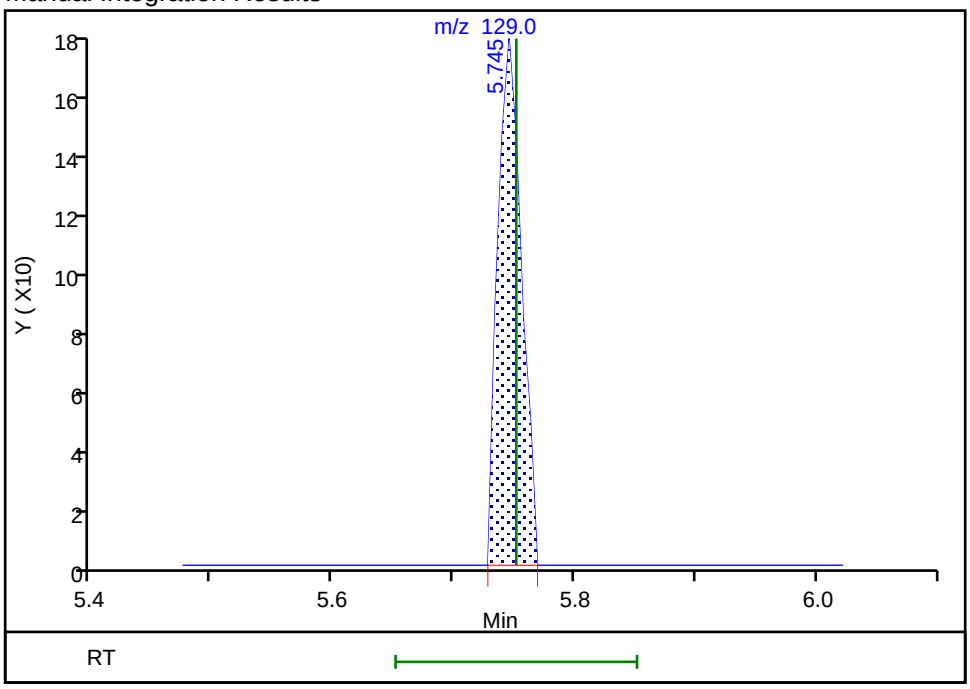
Processing Integration Results

RT: 5.75
Area: 245
Amount: 0.283472
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 245
Amount: 0.283472
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:16:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

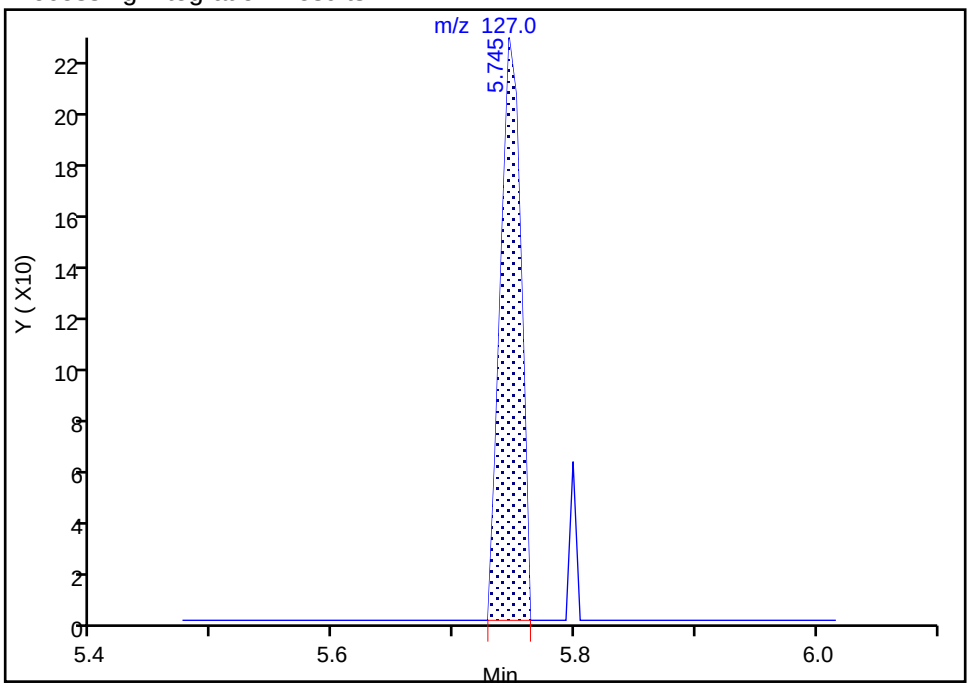
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

39 Naphthalene, CAS: 91-20-3

Signal: 3

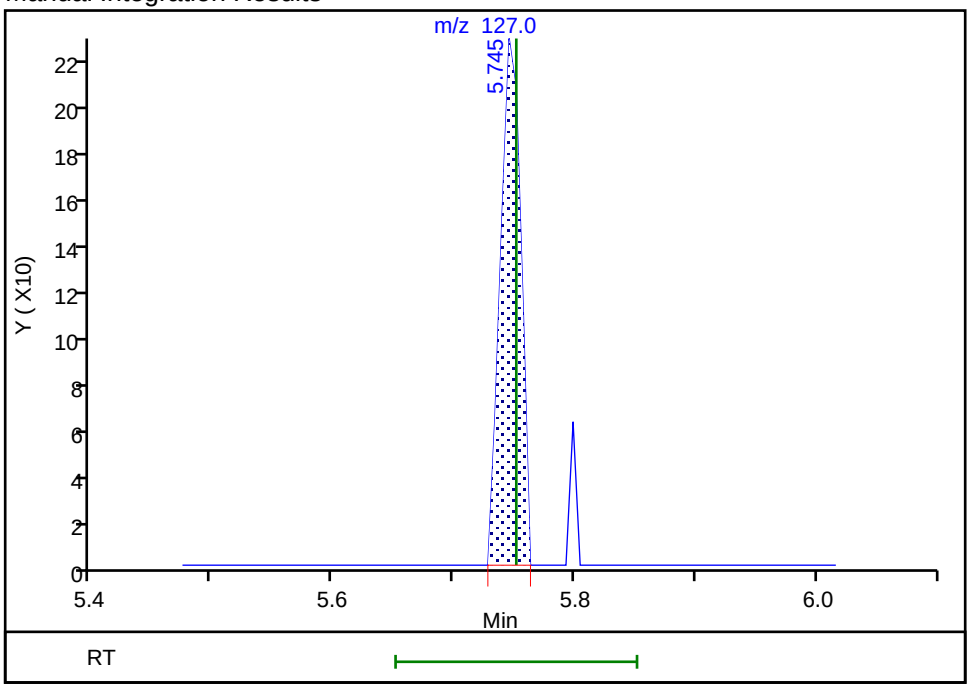
Processing Integration Results

RT: 5.75
Area: 263
Amount: 0.283472
Amount Units: ug/ml



Manual Integration Results

RT: 5.75
Area: 263
Amount: 0.283472
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:16:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

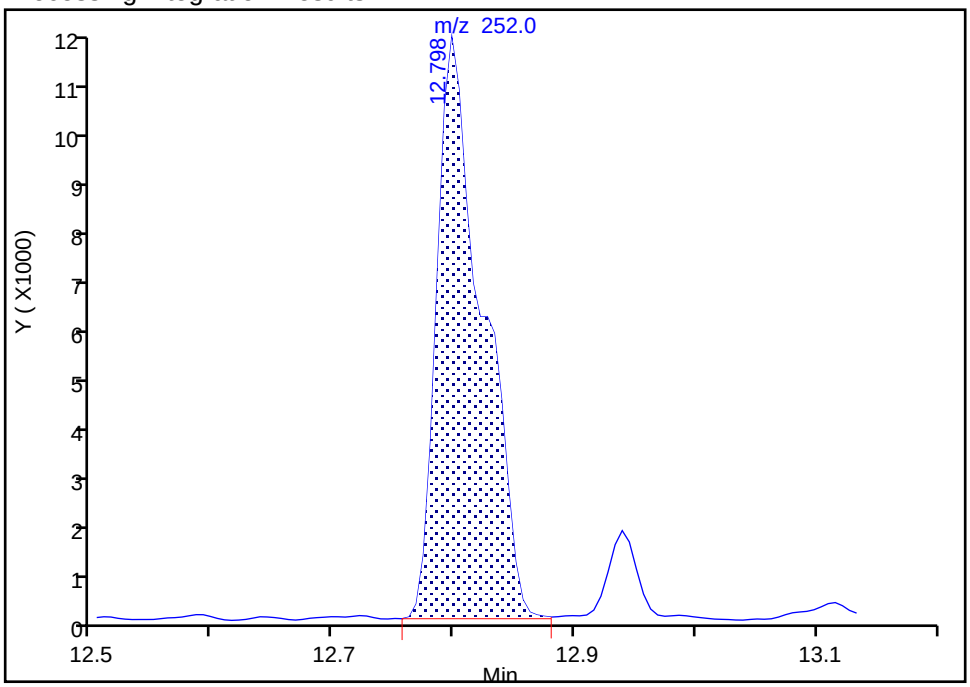
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

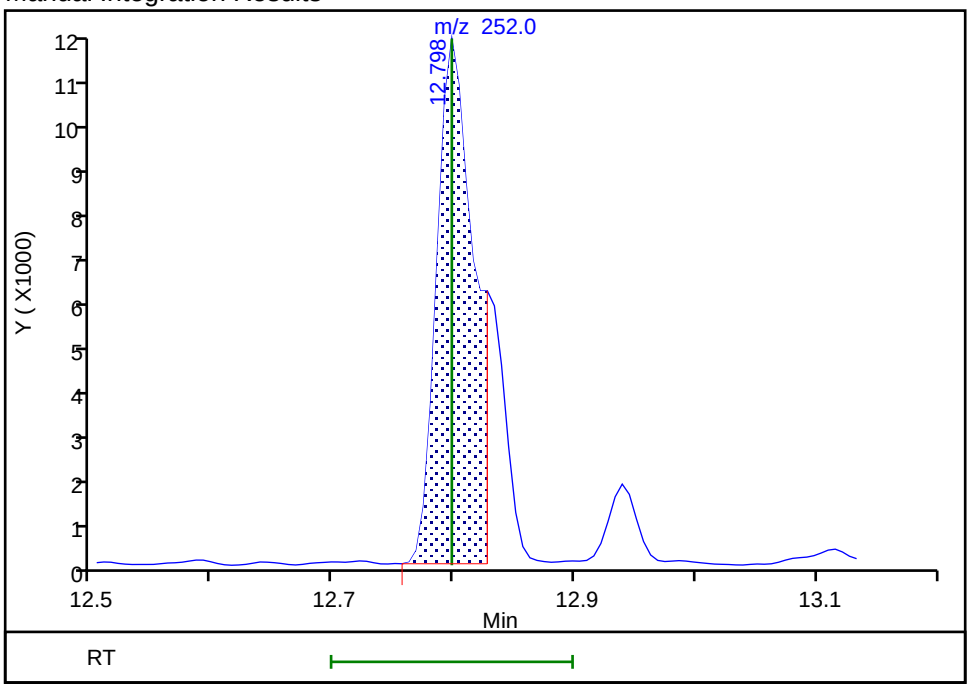
Processing Integration Results

RT: 12.80
Area: 29618
Amount: 3.906915
Amount Units: ug/ml



Manual Integration Results

RT: 12.80
Area: 24645
Amount: 3.250926
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:20:15

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

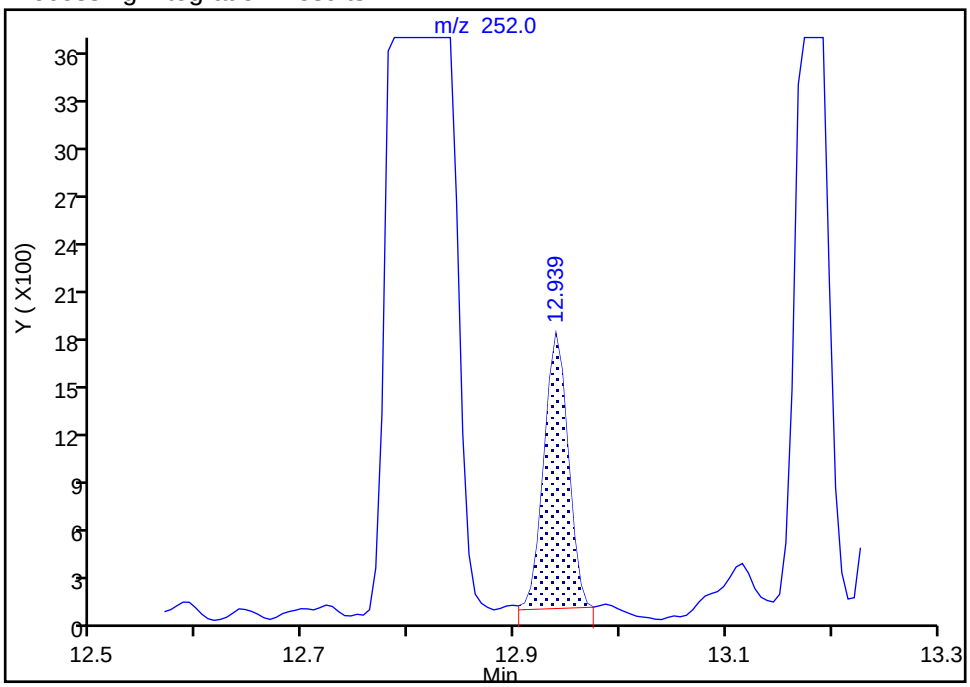
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

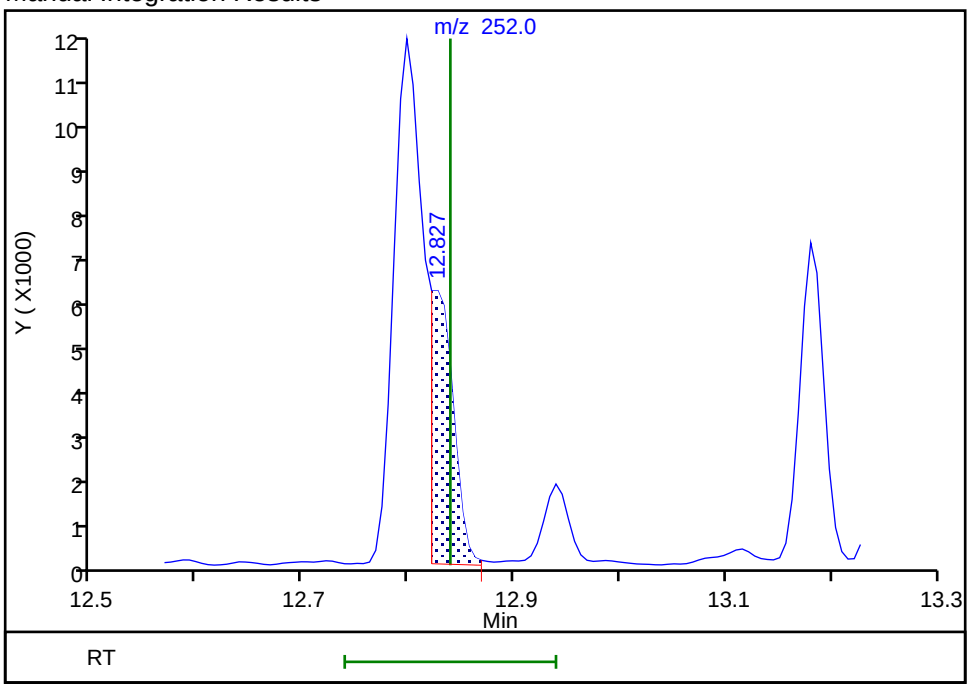
Processing Integration Results

RT: 12.94
Area: 2653
Amount: 0.341005
Amount Units: ug/ml



Manual Integration Results

RT: 12.83
Area: 9147
Amount: 1.175715
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:20:39

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

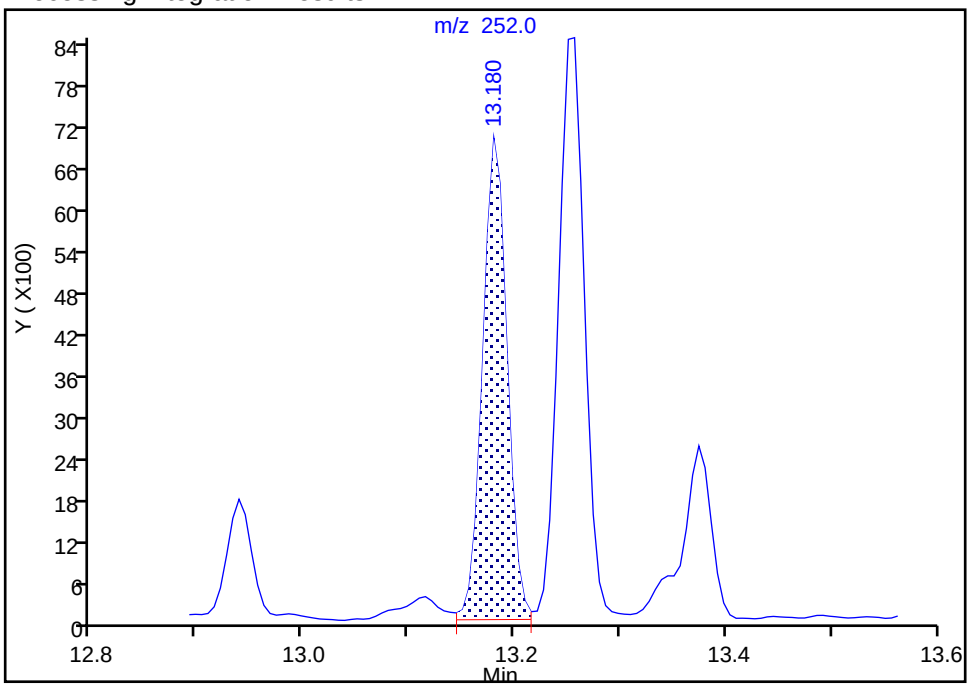
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

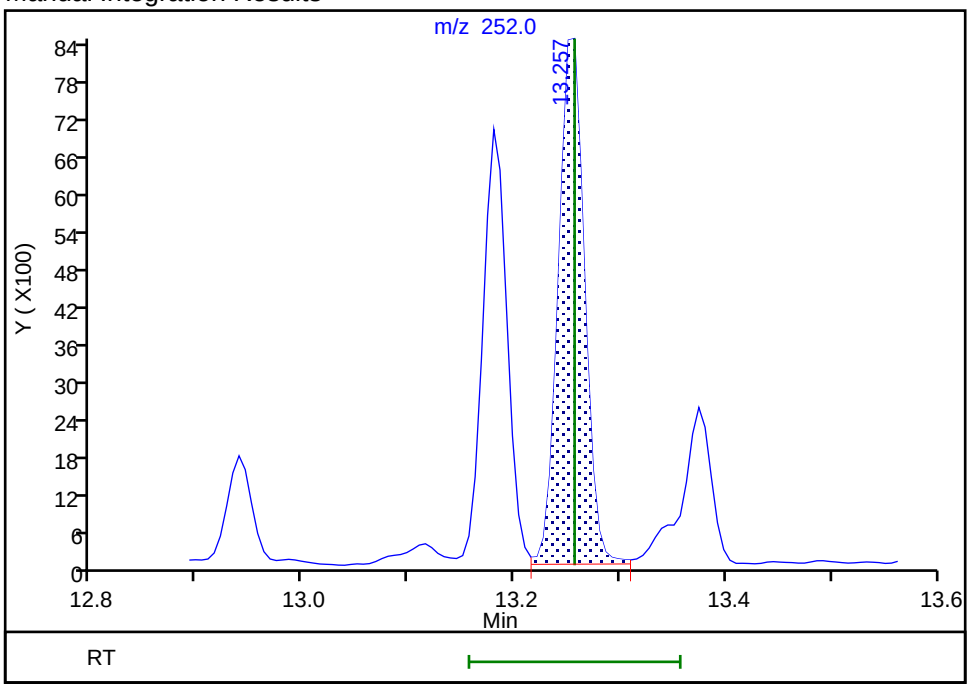
Processing Integration Results

RT: 13.18
Area: 11098
Amount: 1.539895
Amount Units: ug/ml



Manual Integration Results

RT: 13.26
Area: 14417
Amount: 2.000420
Amount Units: ug/ml



Reviewer: eisam, 02-Nov-2021 00:20:48
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Report Date: 02-Nov-2021 14:32:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d

Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7

Client ID: HA-5

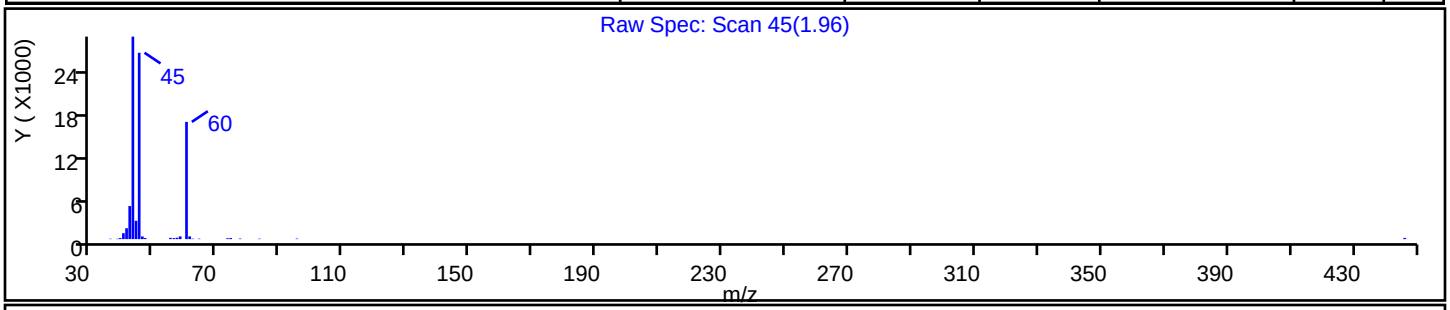
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28

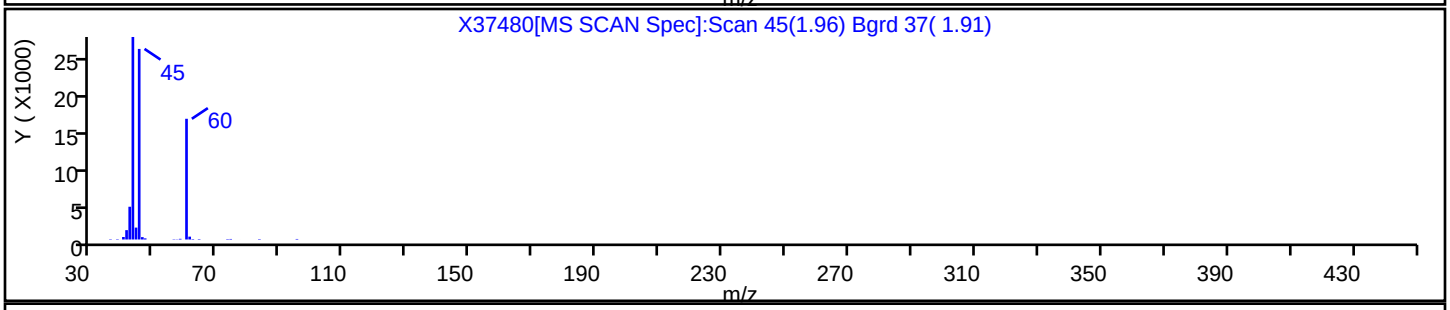
Injection Vol: 1.0 ul Dil. Factor: 1.0000

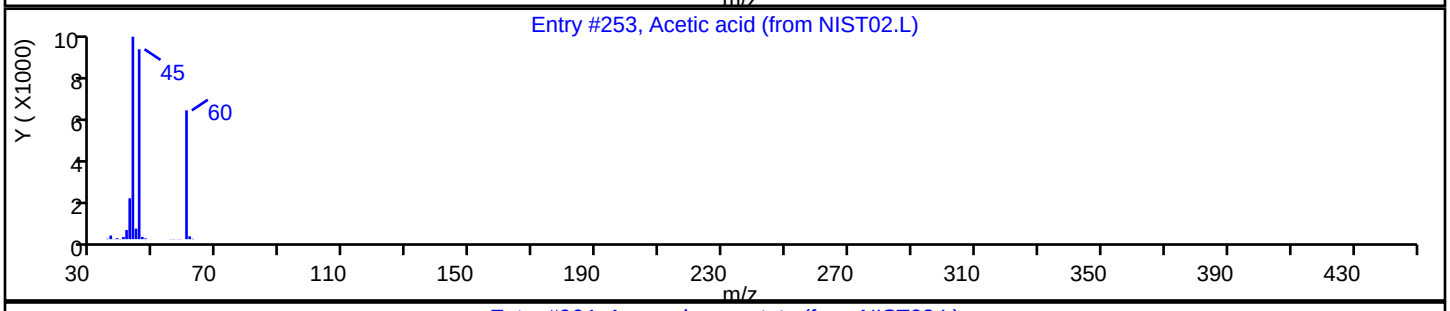
Method: 8270_5R Limit Group: SV 8270E ICAL

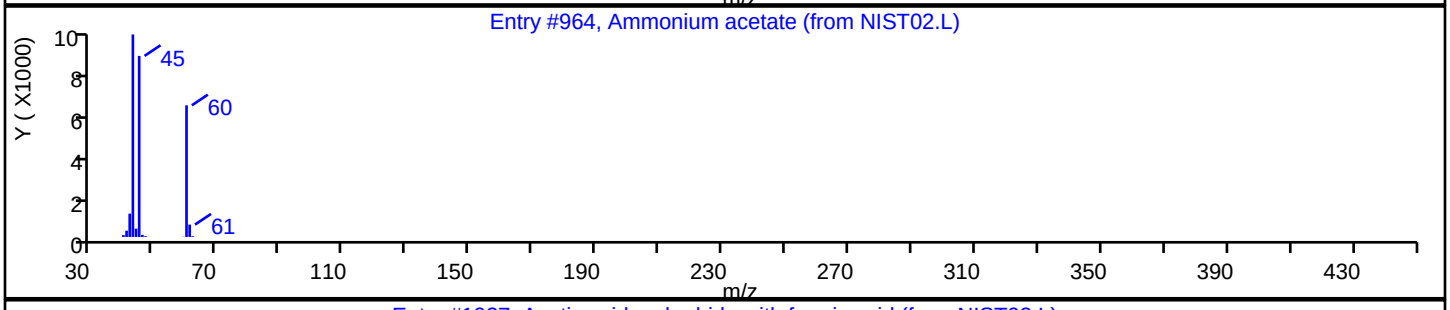
Column: Detector MS SCAN

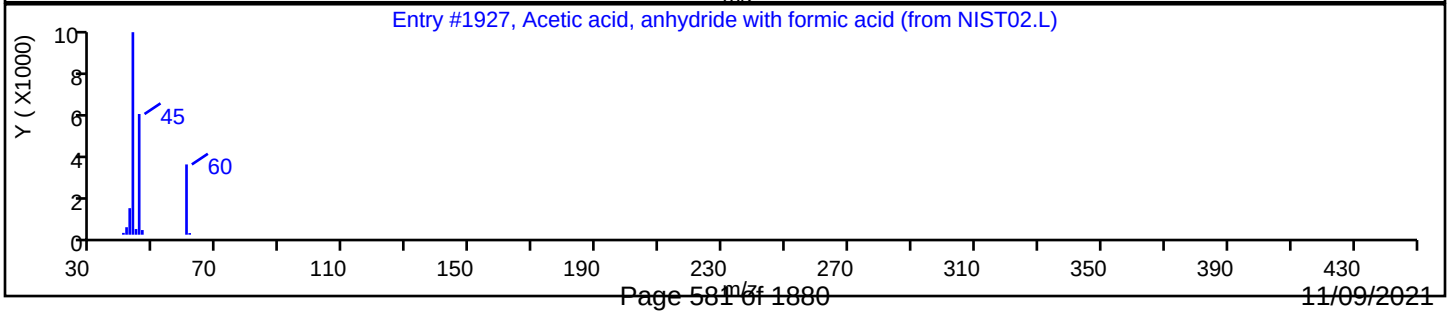
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Unknown						
Acetic acid	64-19-7	NIST02.L	253	C2H4O2	60	91
Ammonium acetate	631-61-8	NIST02.L	964	C2H7NO2	77	83
Acetic acid, anhydride with formic acid	2258-42-6	NIST02.L	1927	C3H4O3	88	83









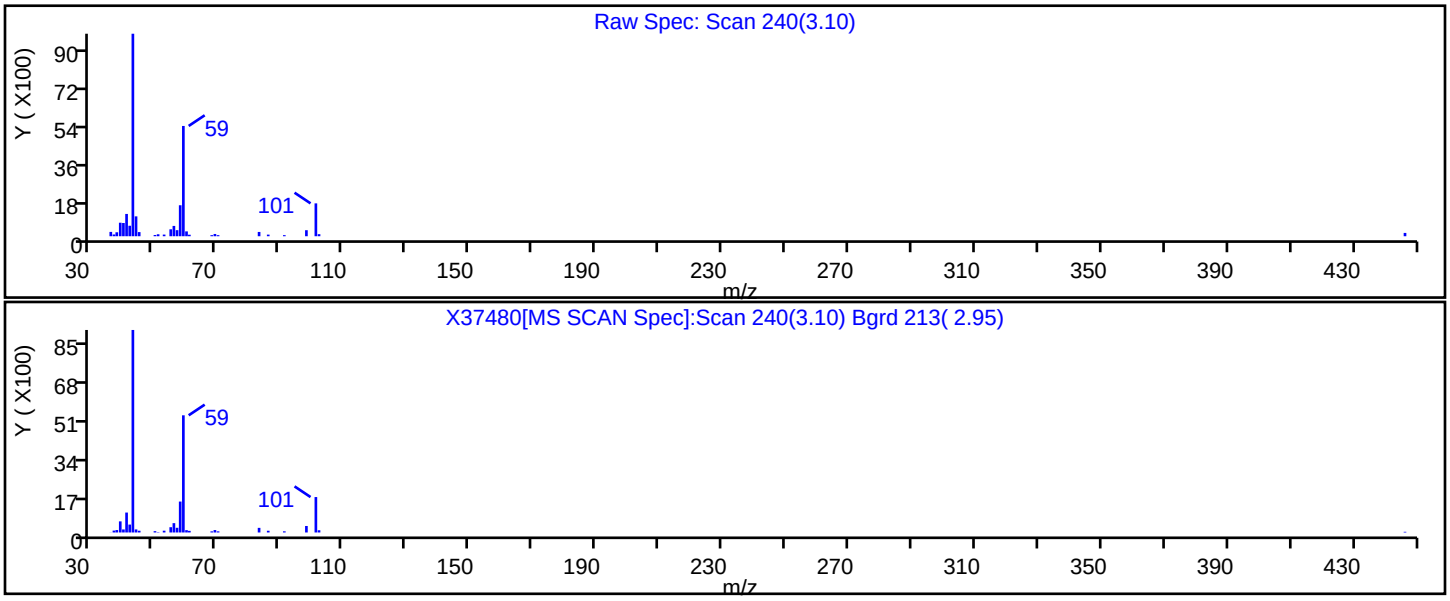


Report Date: 02-Nov-2021 14:32:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

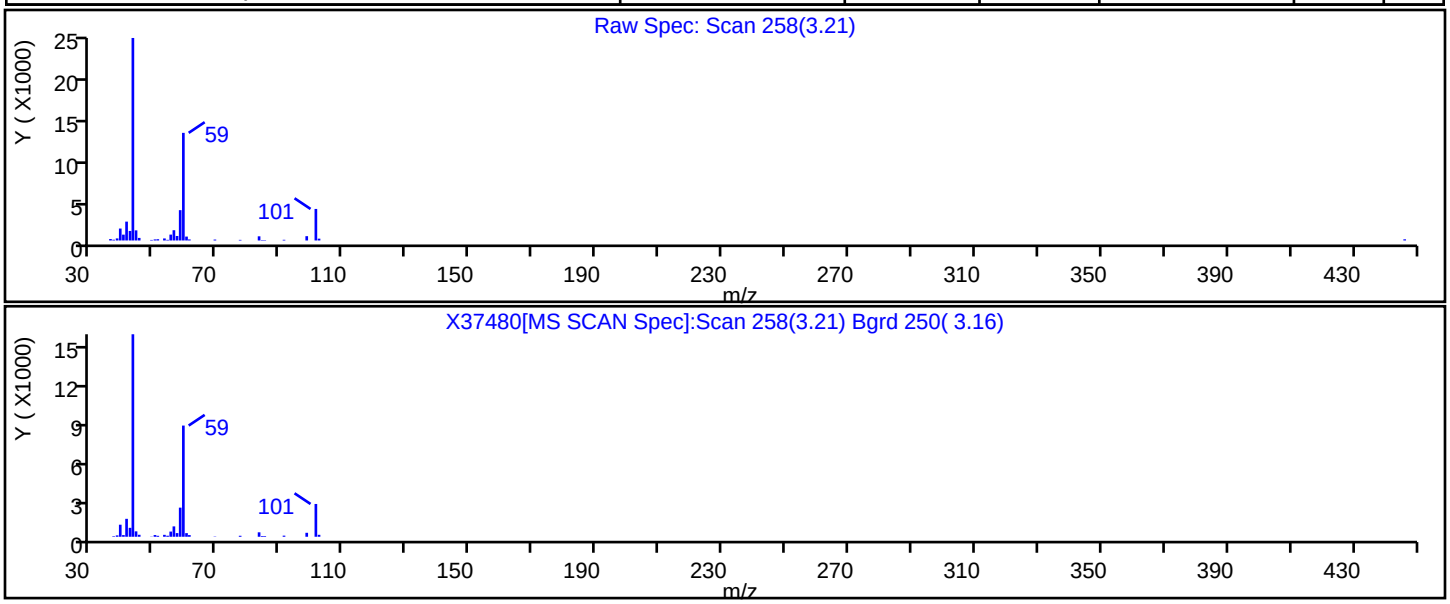
No Library Matches Found above the Threshold: 80



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

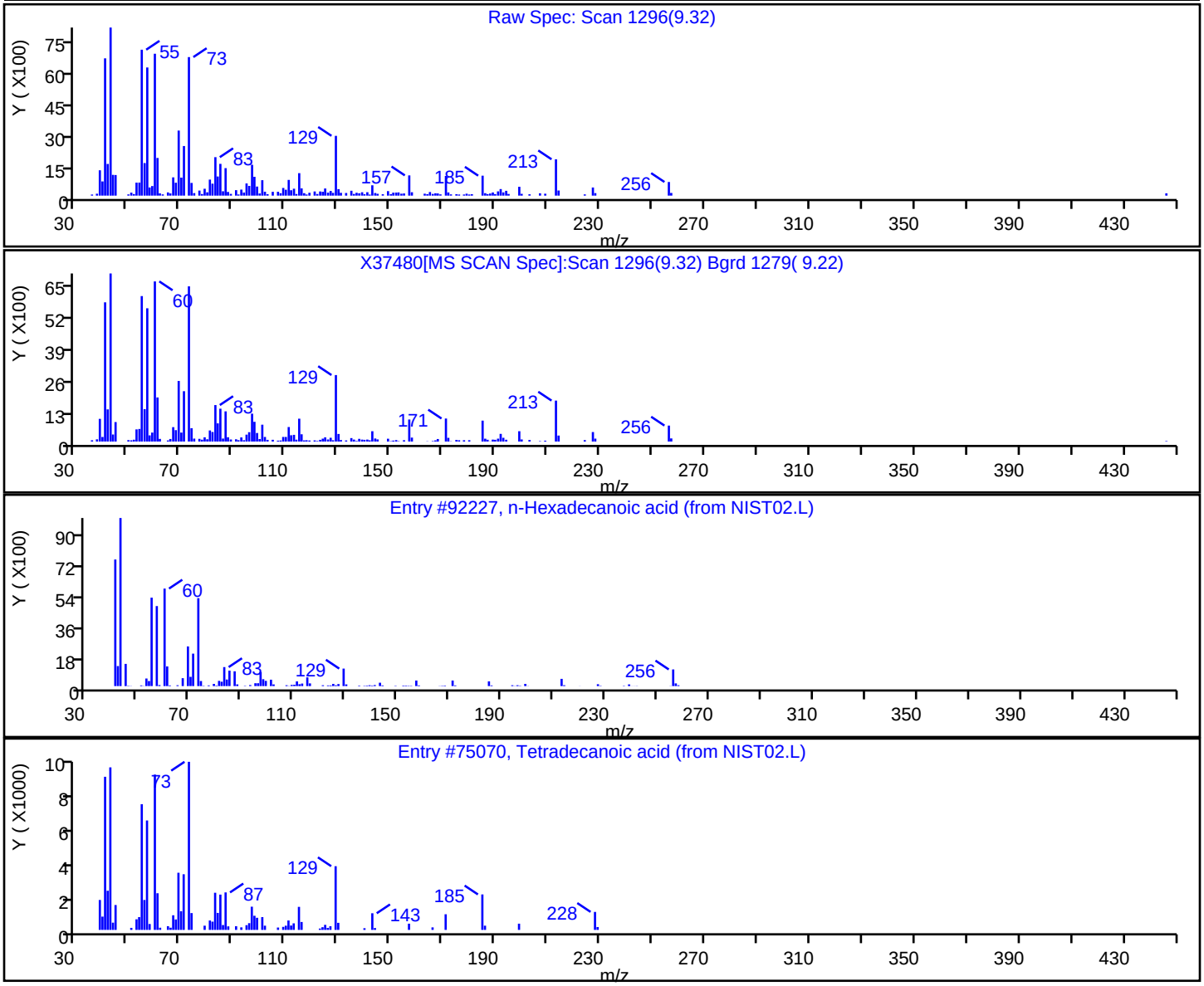
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
n-Hexadecanoic acid	57-10-3	NIST02.L	92227	C16H32O2	256	95
Tetradecanoic acid	544-63-8	NIST02.L	75070	C14H28O2	228	90

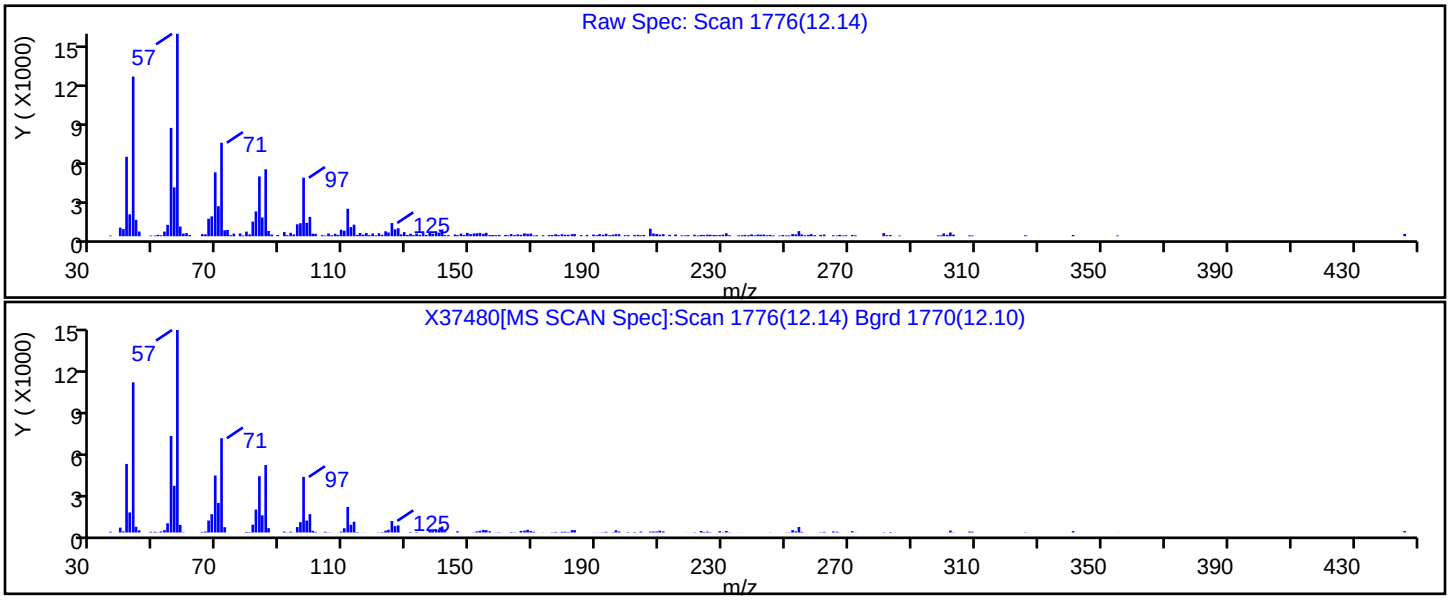


Report Date: 02-Nov-2021 14:32:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

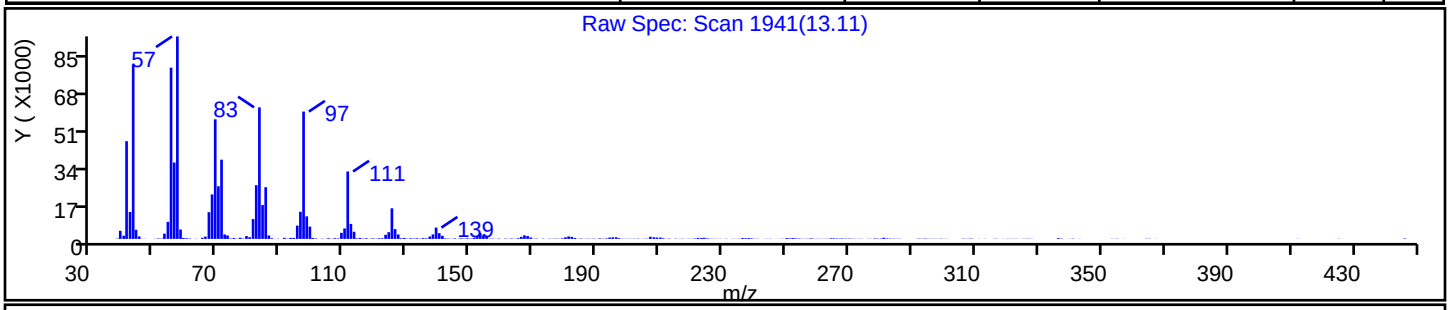
No Library Matches Found above the Threshold: 80

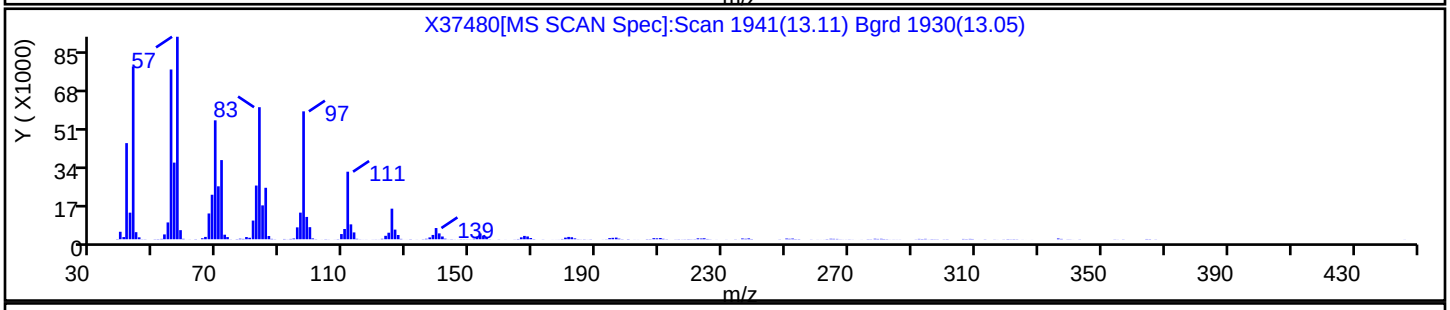


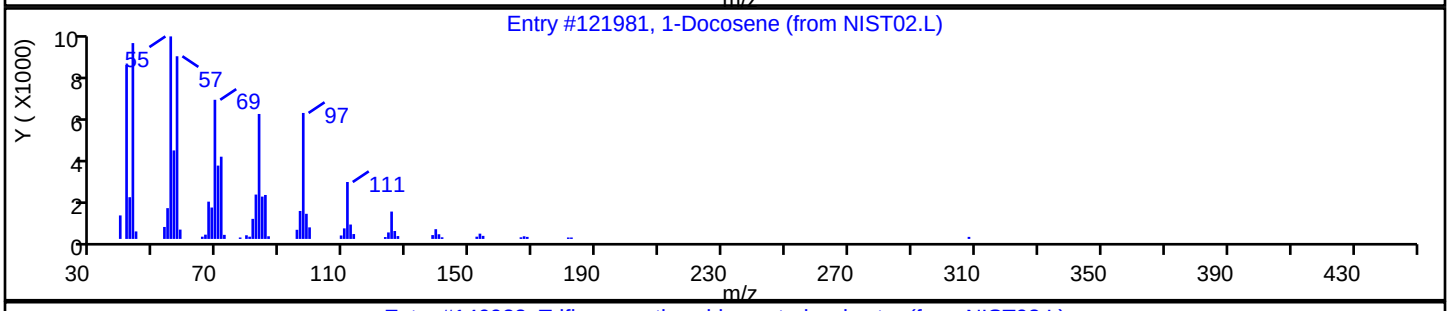
Eurofins TestAmerica, Edison

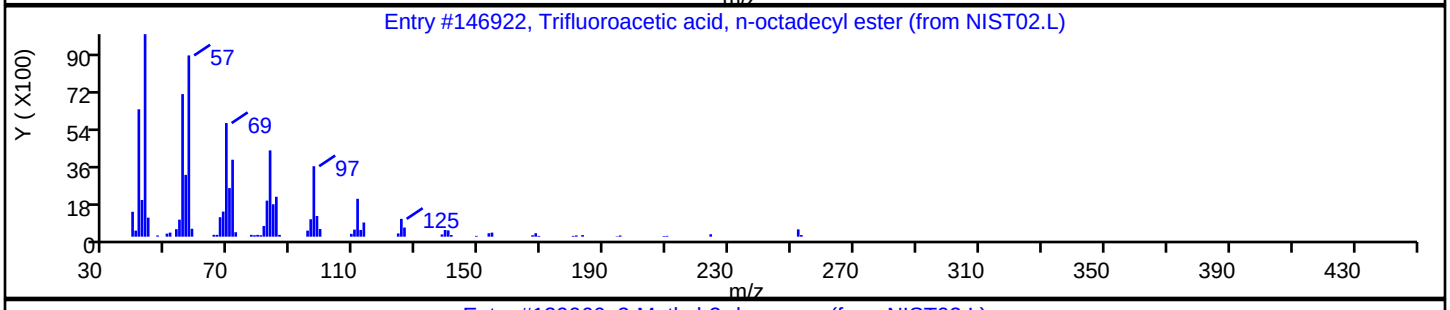
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

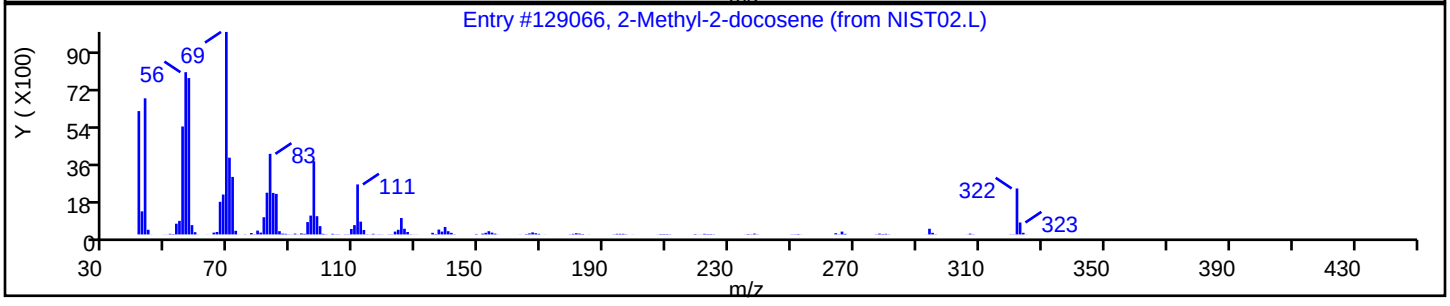
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	90
Trifluoroacetic acid, n-octadecyl ester	79392-43-1	NIST02.L	146922	C20H37F3O2	366	90
2-Methyl-2-docosene	1000131-16-9	NIST02.L	129066	C23H46	322	87











Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d

Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5

Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7

Client ID: HA-5

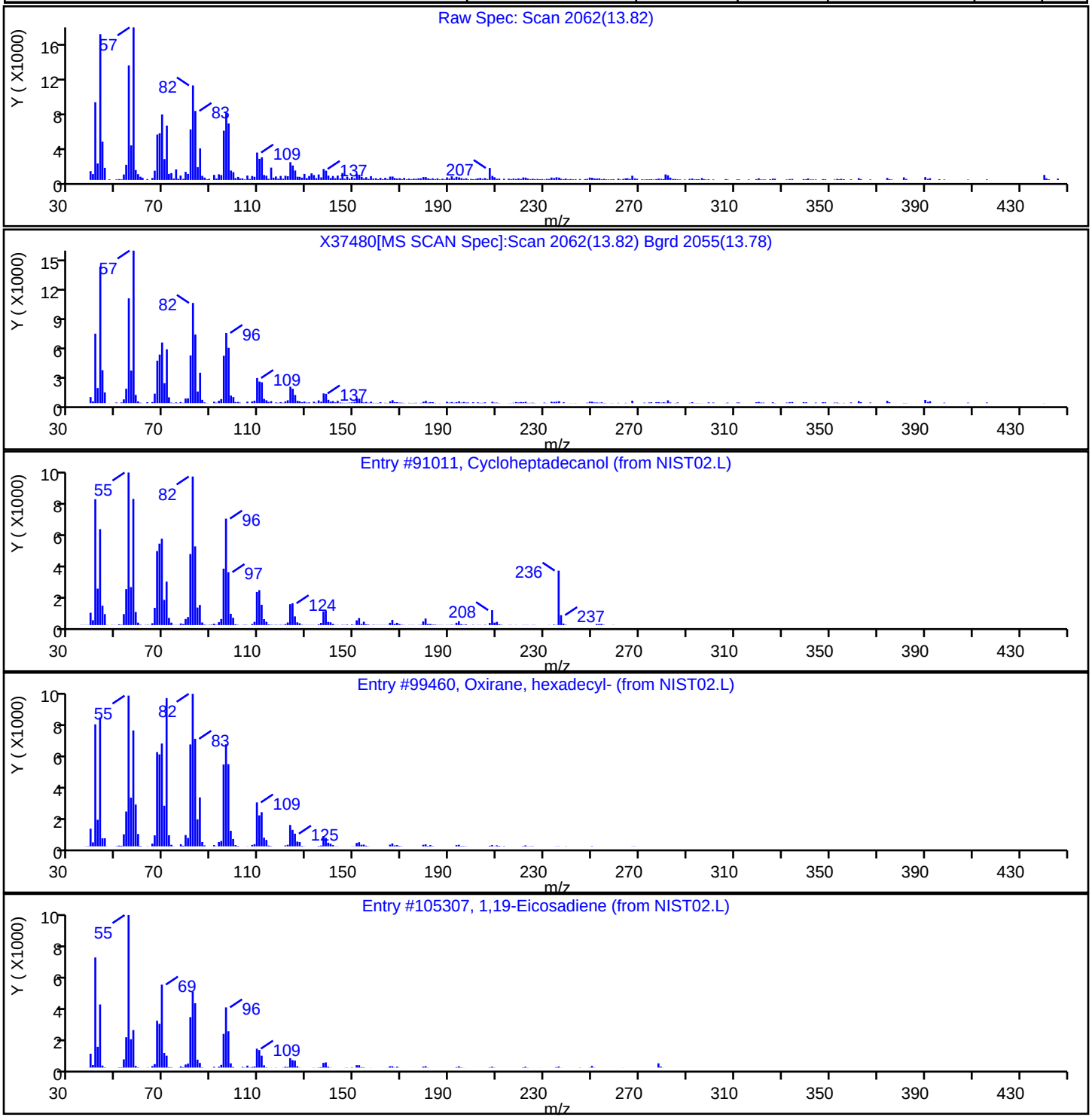
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

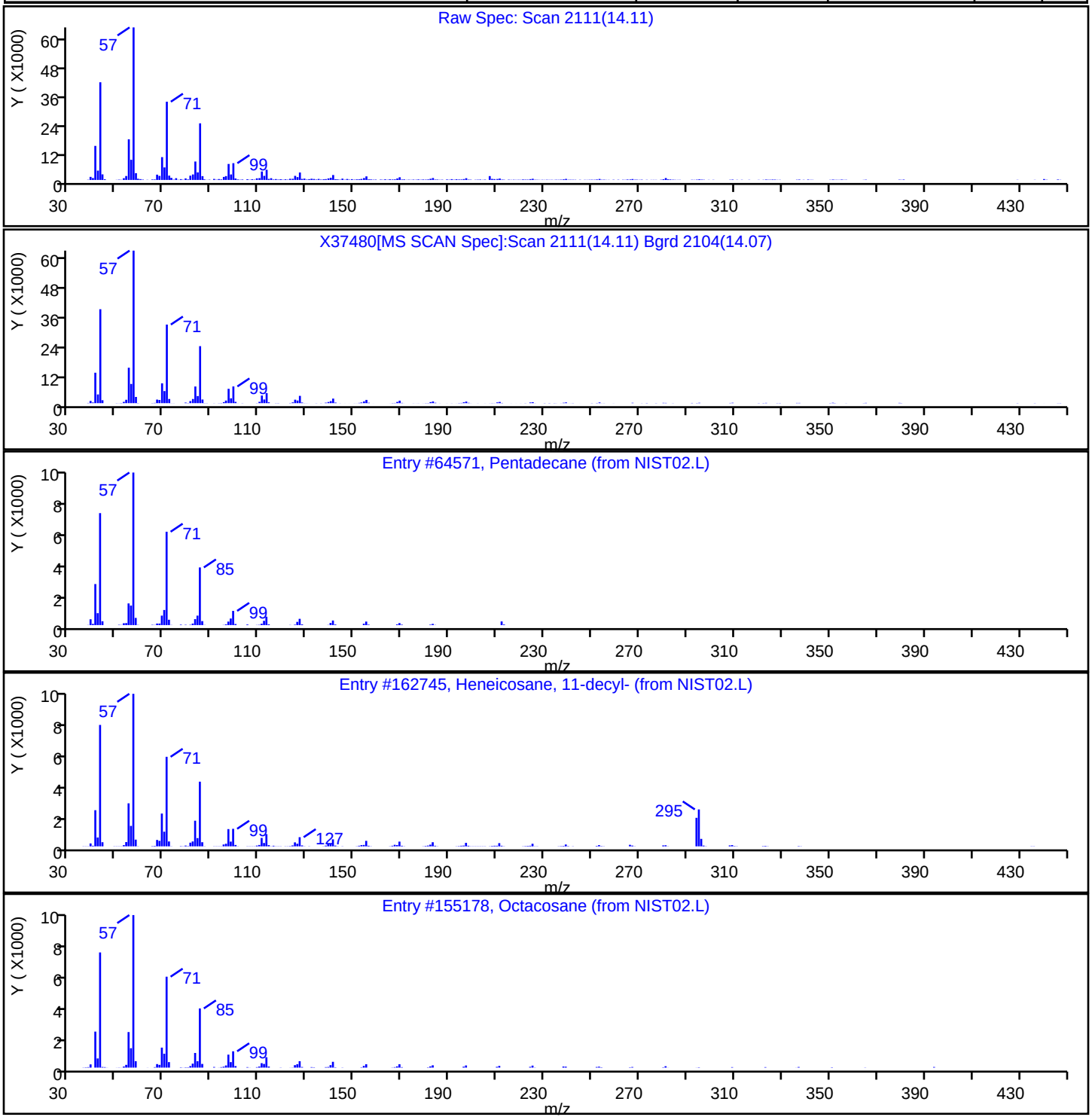
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cycloheptadecanol	4429-77-0	NIST02.L	91011	C17H34O	254	98
Oxirane, hexadecyl-	7390-81-0	NIST02.L	99460	C18H36O	268	97
1,19-Eicosadiene	14811-95-1	NIST02.L	105307	C20H38	278	95



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

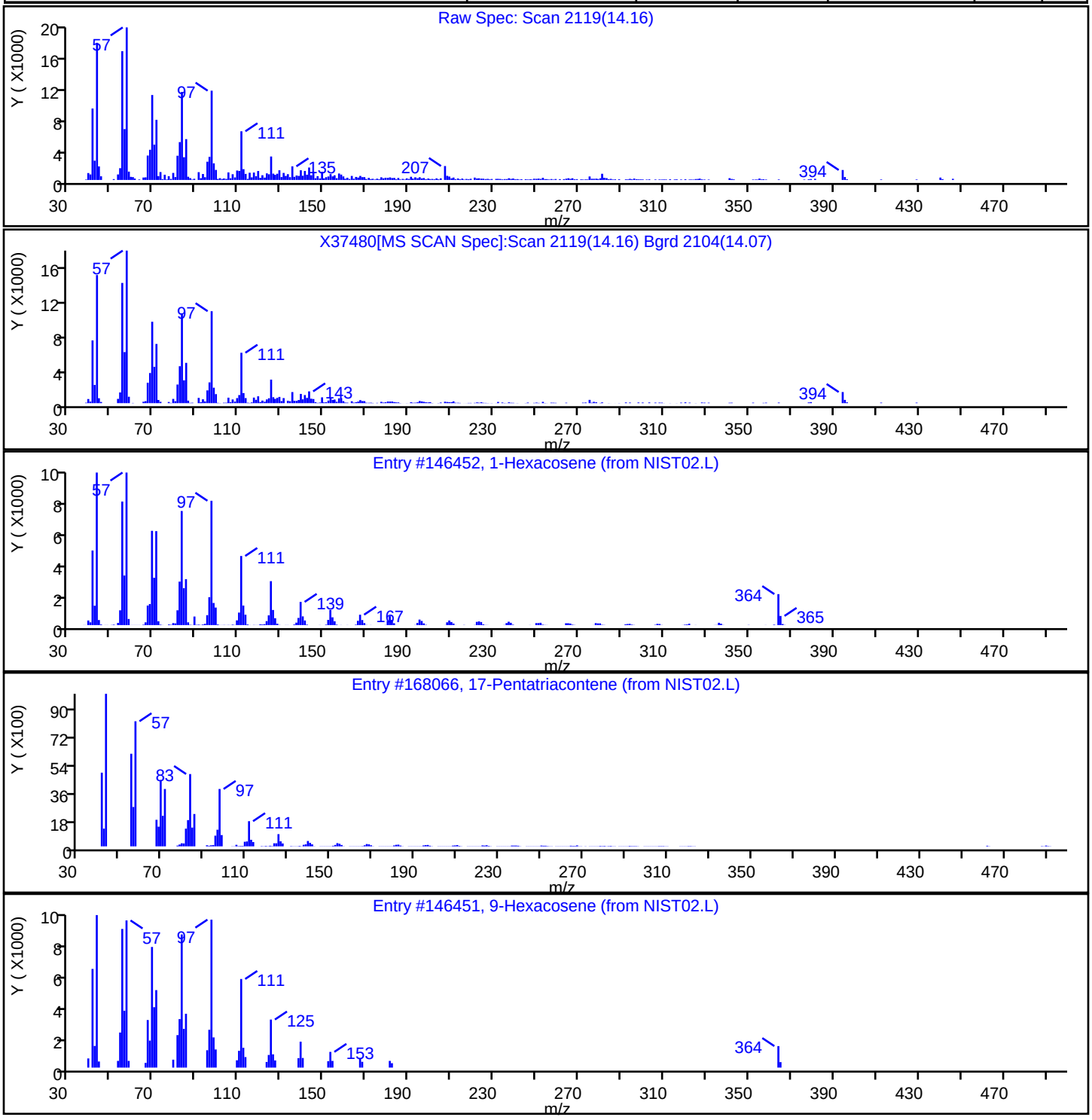
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Pentadecane	629-62-9	NIST02.L	64571	C15H32	212	94
Heneicosane, 11-decyl-	55320-06-4	NIST02.L	162745	C31H64	437	93
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	91



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

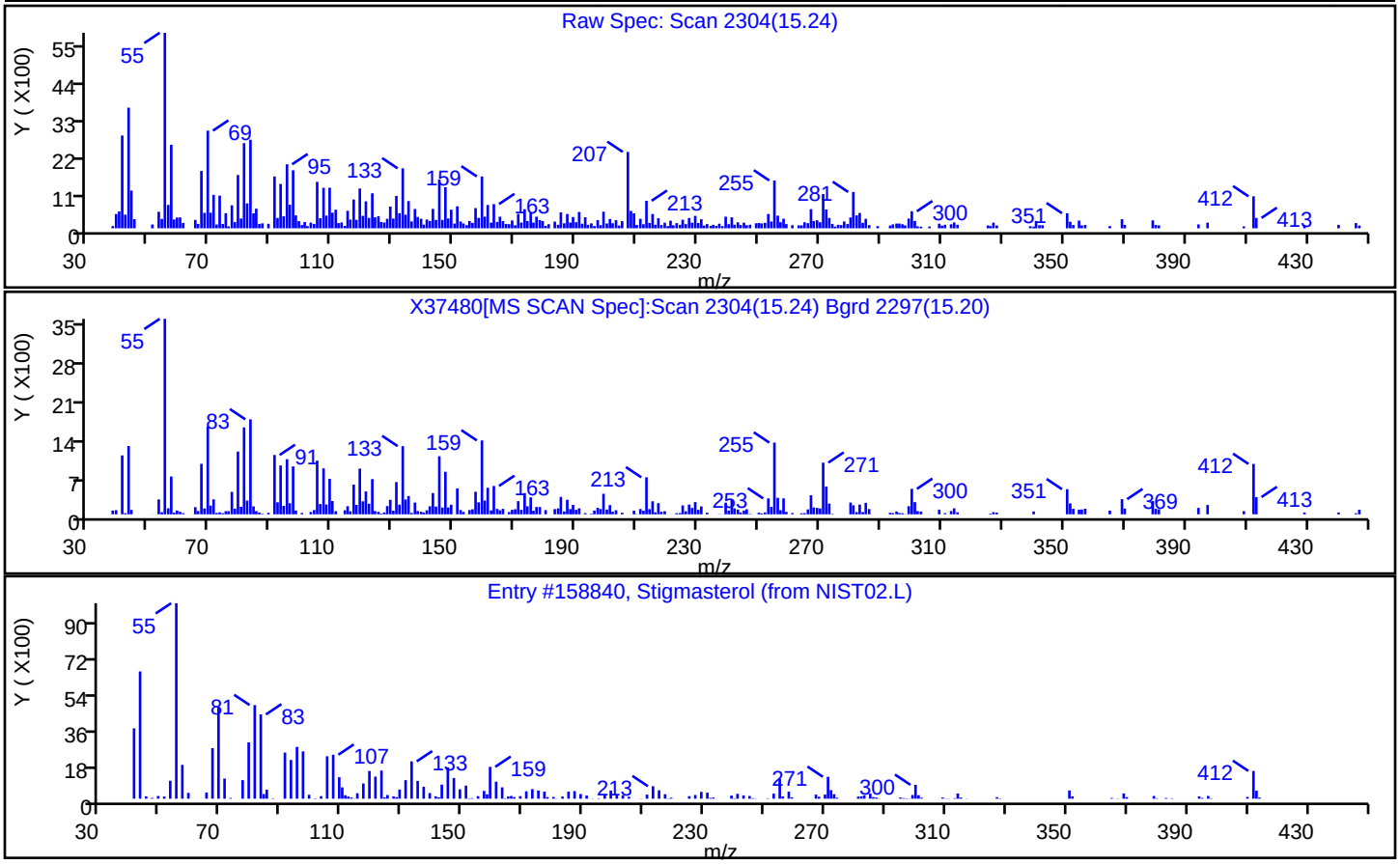
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1-Hexacosene	18835-33-1	NIST02.L	146452	C26H52	364	98
17-Pentatriacontene	6971-40-0	NIST02.L	168066	C35H70	491	90
9-Hexacosene	71502-22-2	NIST02.L	146451	C26H52	364	87



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

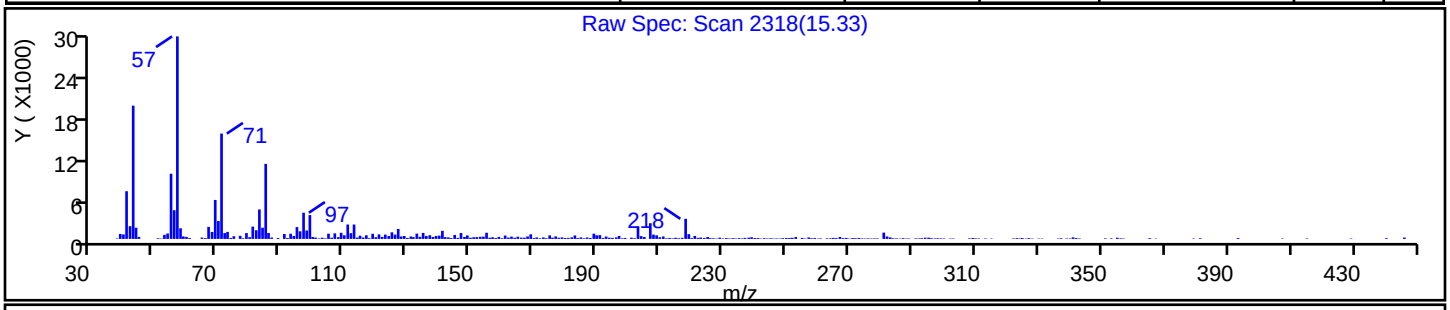
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmasterol	83-48-7	NIST02.L	158840	C29H48O	412	93

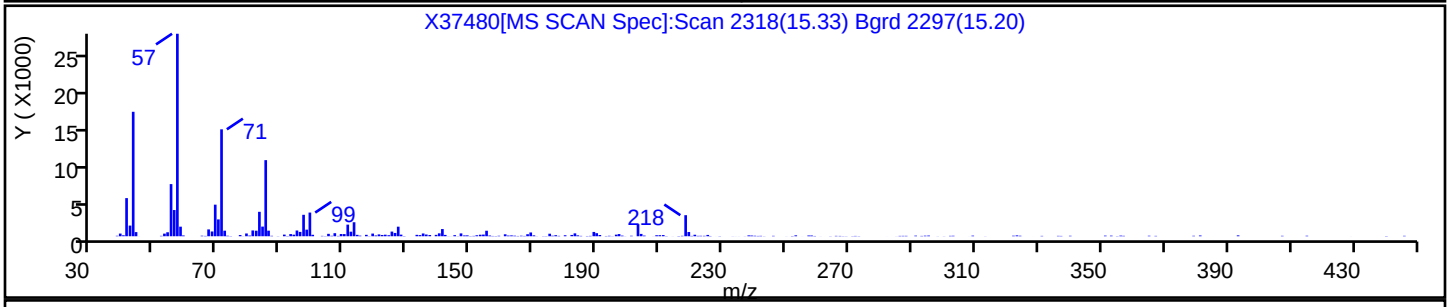


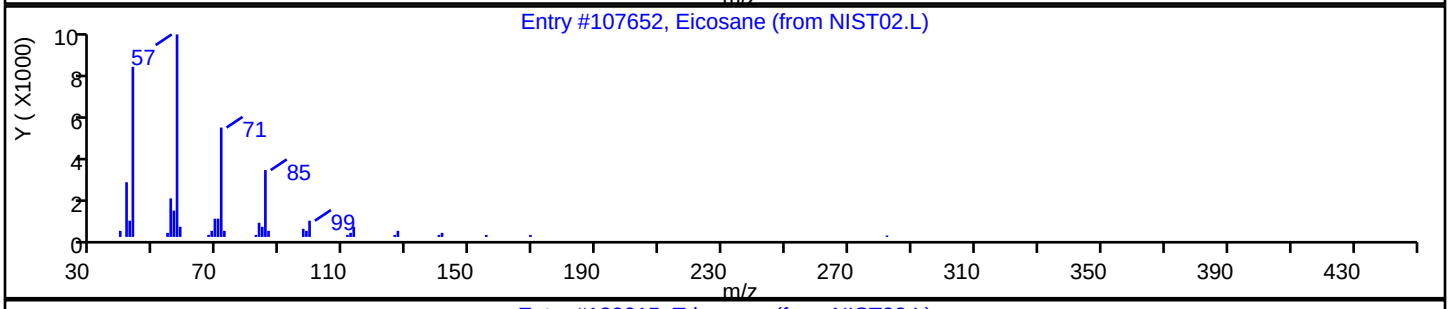
Eurofins TestAmerica, Edison

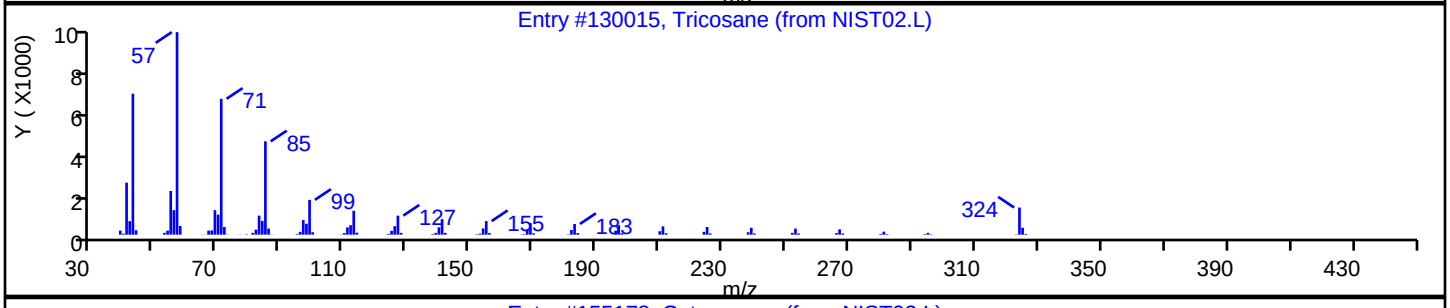
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

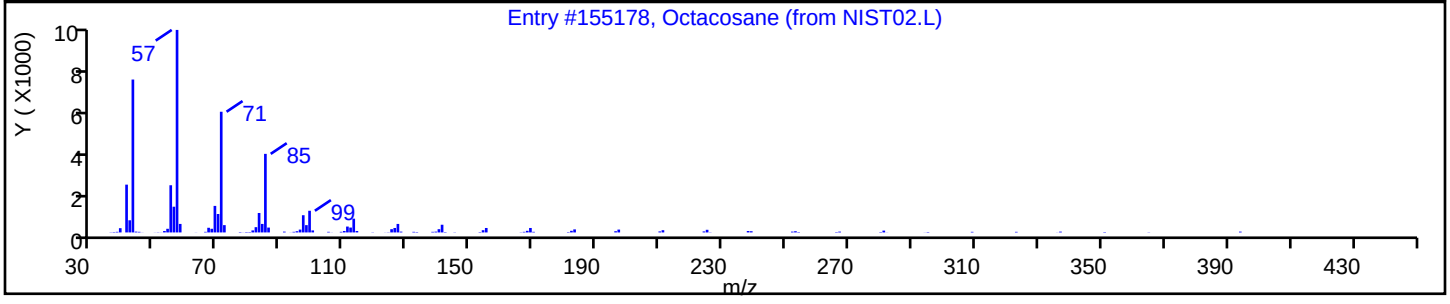
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Eicosane	112-95-8	NIST02.L	107652	C20H42	282	97
Tricosane	638-67-5	NIST02.L	130015	C23H48	324	93
Octacosane	630-02-4	NIST02.L	155178	C28H58	394	87









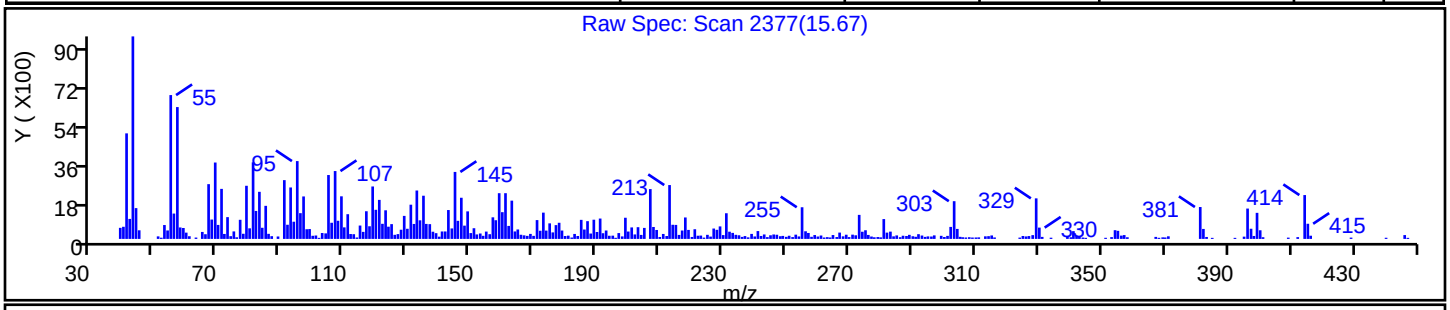


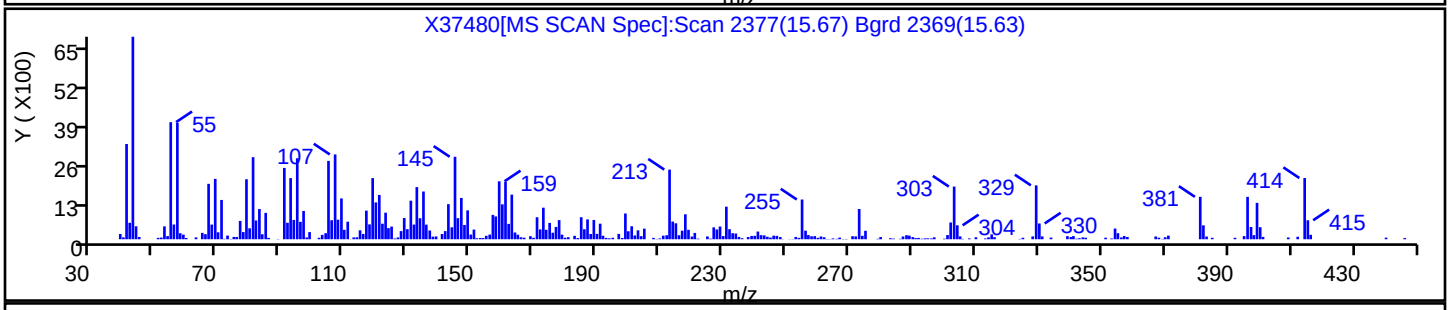
Eurofins TestAmerica, Edison

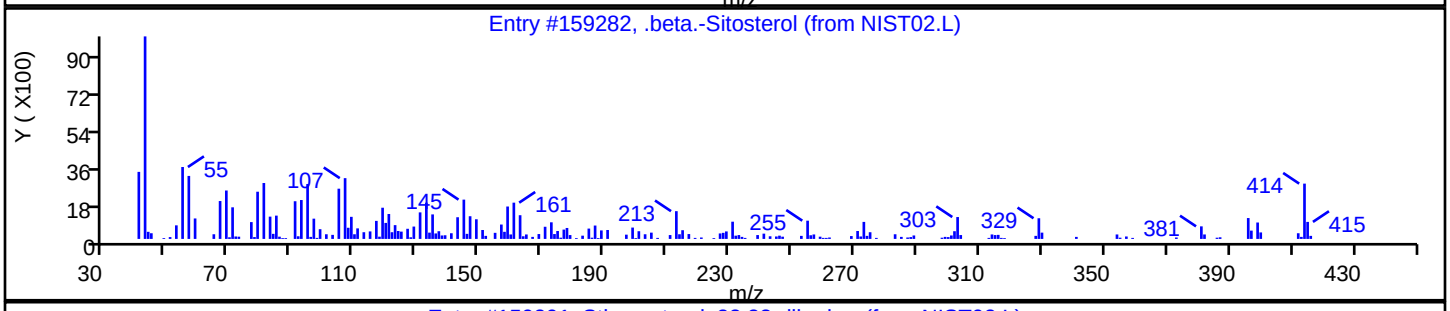
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d

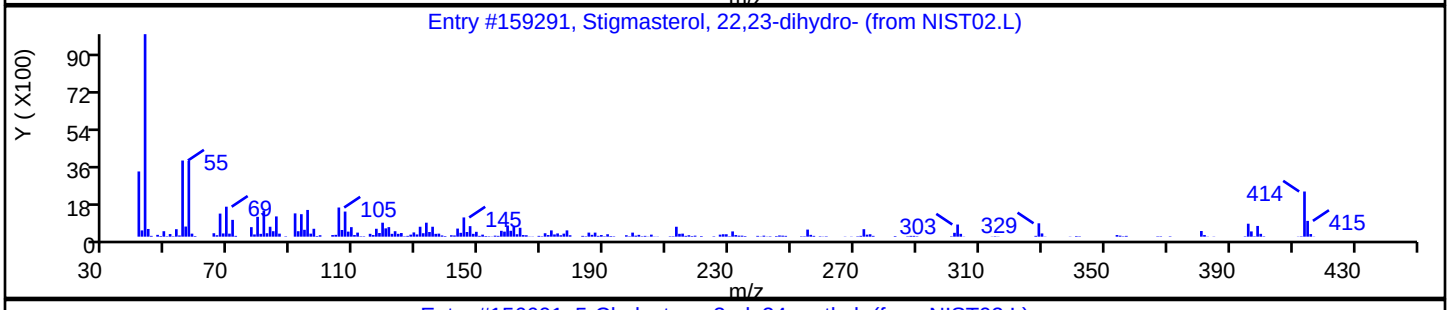
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

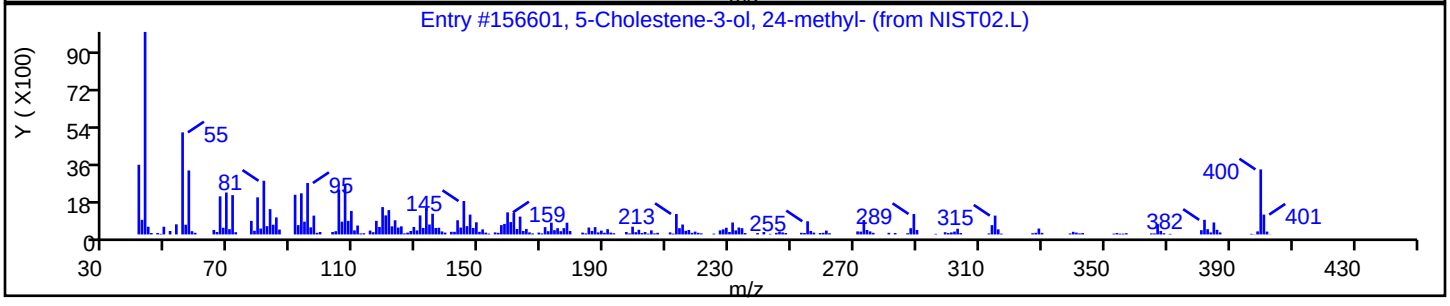
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	95
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.L	159291	C29H50O	414	93
5-Cholestene-3-ol, 24-methyl-	1000214-17-4	NIST02.L	156601	C28H48O	400	89







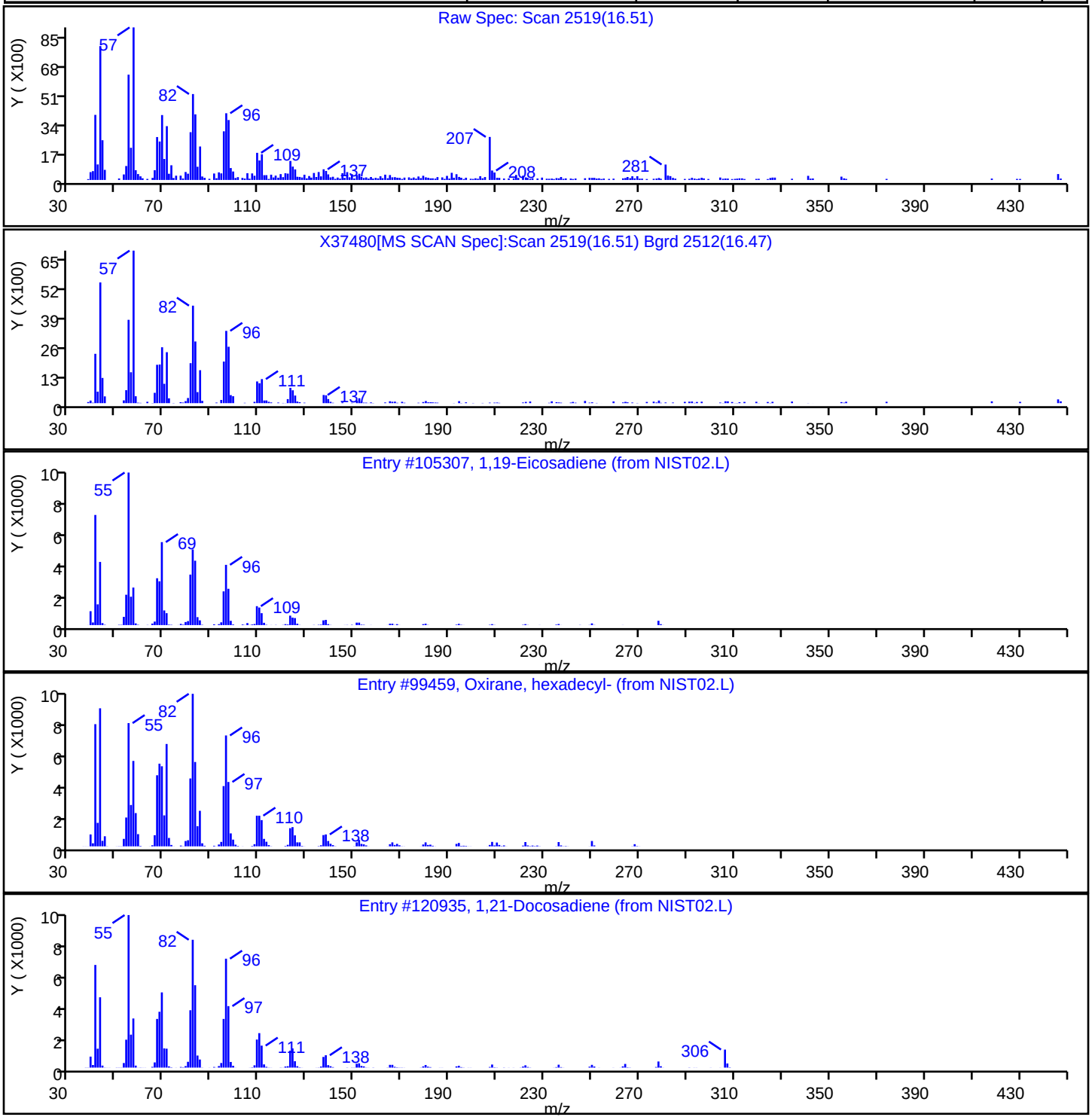




Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

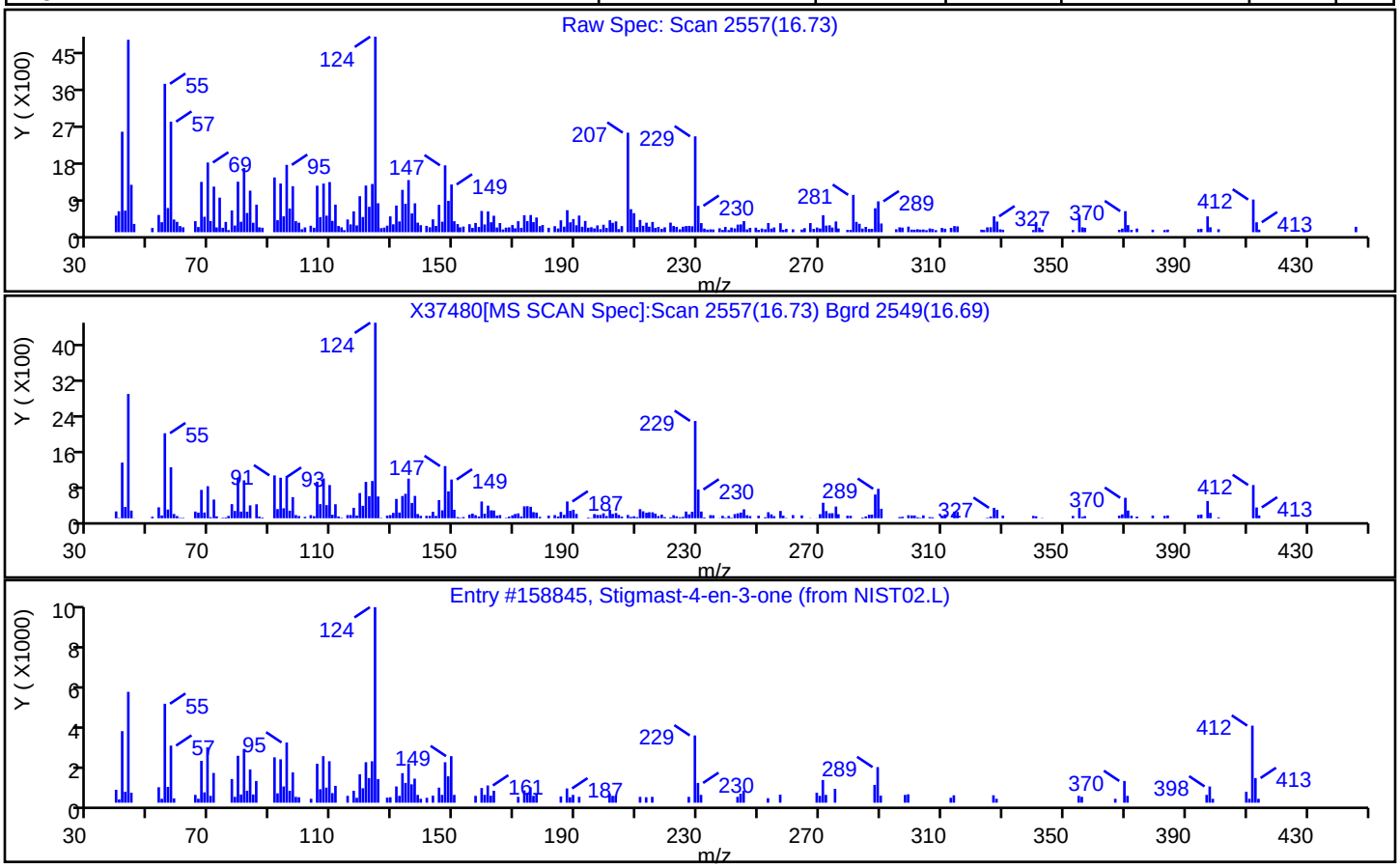
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
1,19-Eicosadiene	14811-95-1	NIST02.L	105307	C20H38	278	93
Oxirane, hexadecyl-	7390-81-0	NIST02.L	99459	C18H36O	268	90
1,21-Docosadiene	53057-53-7	NIST02.L	120935	C22H42	306	90



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d		
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7
Client ID:	HA-5		
Operator ID:		ALS Bottle#:	28 Worklist Smp#: 28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

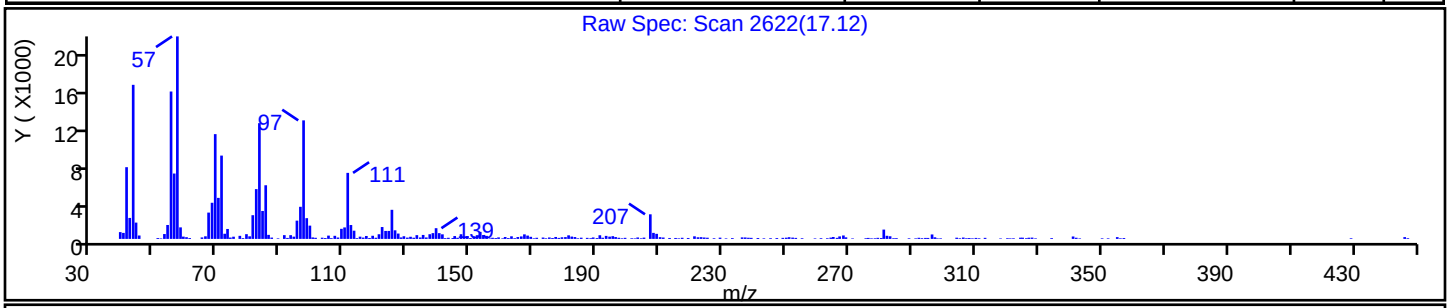
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	98

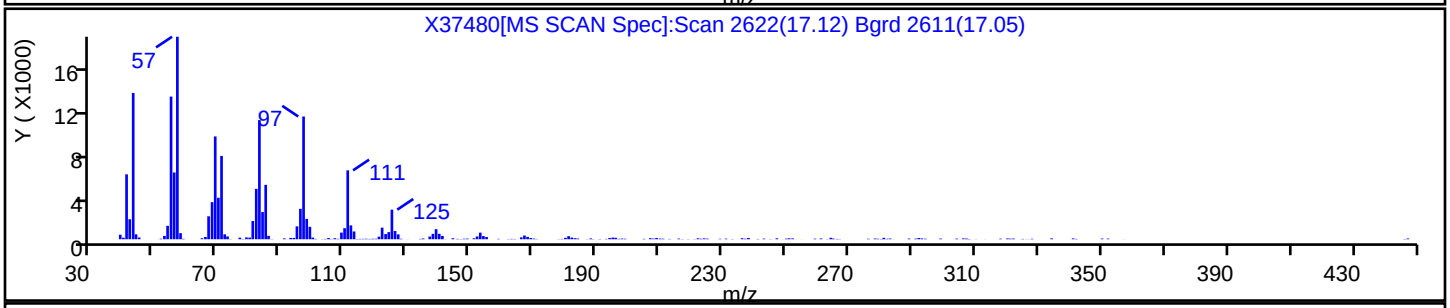


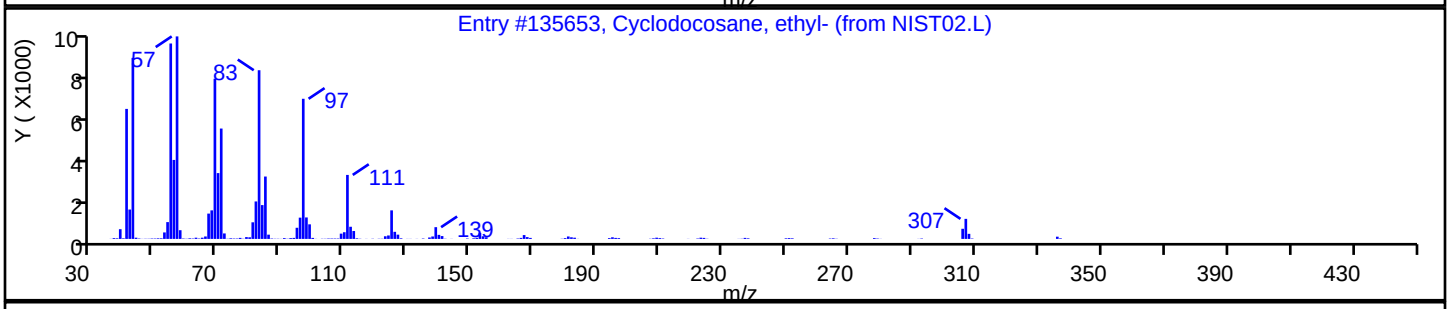
Eurofins TestAmerica, Edison

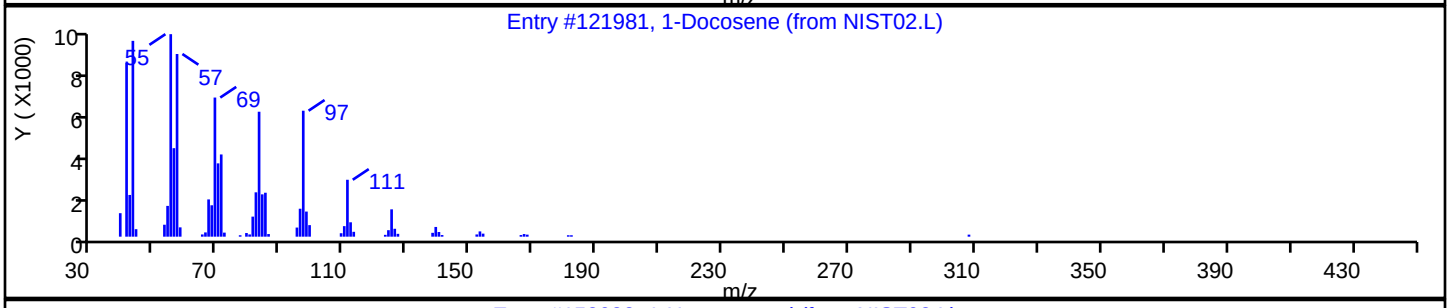
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d
Injection Date: 01-Nov-2021 20:10:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-7-C Lab Sample ID: 460-246210-7
Client ID: HA-5
Operator ID: ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

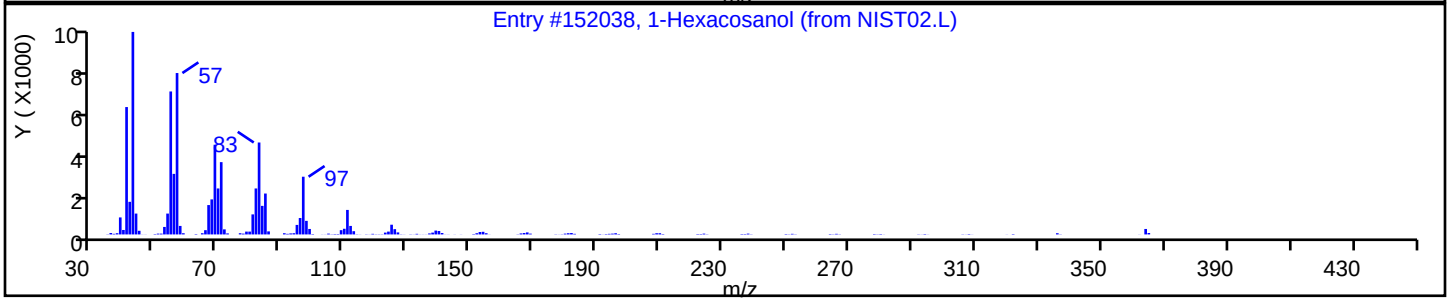
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclodocosane, ethyl-	1000151-22-6	NIST02.L	135653	C24H48	336	87
1-Docosene	1599-67-3	NIST02.L	121981	C22H44	308	86
1-Hexacosanol	506-52-5	NIST02.L	152038	C26H54O	382	83









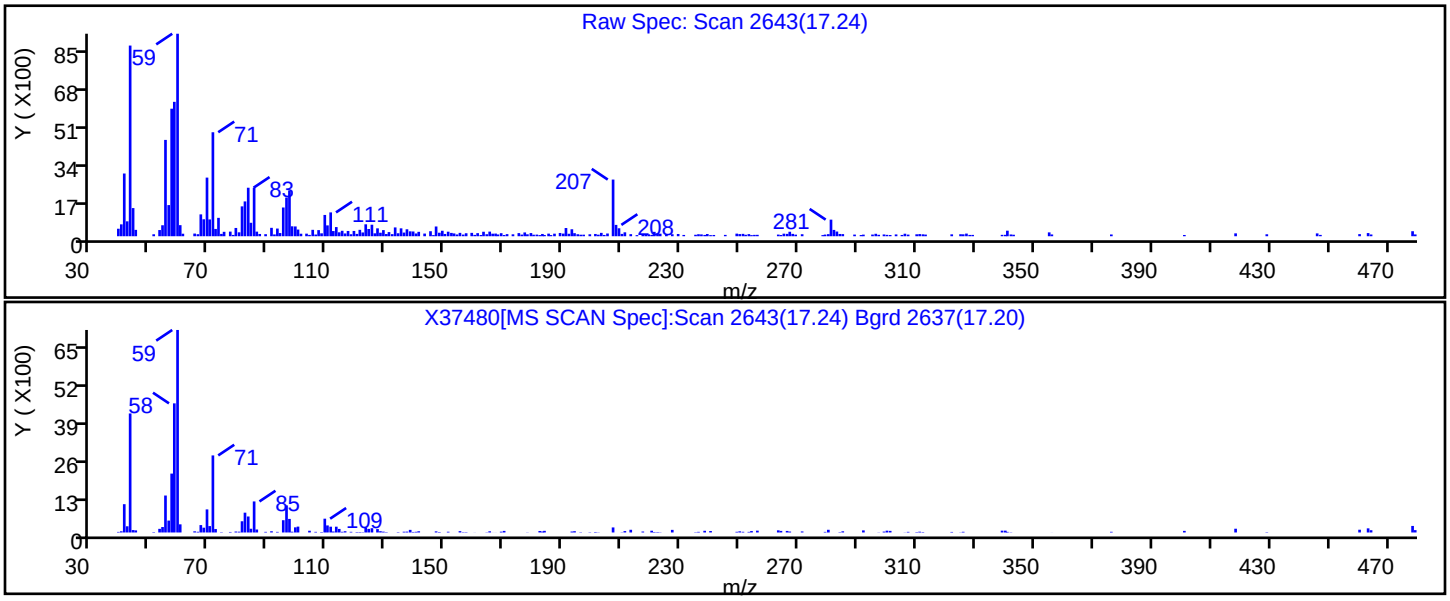


Report Date: 02-Nov-2021 14:32:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37480.d				
Injection Date:	01-Nov-2021 20:10:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-7-C	Lab Sample ID:	460-246210-7		
Client ID:	HA-5				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

No Library Matches Found above the Threshold: 80



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: X37473.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:40

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.015	U	0.41	0.015
95-57-8	2-Chlorophenol	0.014	U	0.41	0.014
95-48-7	2-Methylphenol	0.015	U	0.41	0.015
106-44-5	4-Methylphenol	0.025	U	0.41	0.025
88-75-5	2-Nitrophenol	0.041	U	0.41	0.041
105-67-9	2,4-Dimethylphenol	0.018	U	0.41	0.018
120-83-2	2,4-Dichlorophenol	0.026	U	0.16	0.026
59-50-7	4-Chloro-3-methylphenol	0.023	U	0.41	0.023
88-06-2	2,4,6-Trichlorophenol	0.052	U	0.16	0.052
95-95-4	2,4,5-Trichlorophenol	0.041	U	0.41	0.041
121-14-2	2,4-Dinitrotoluene	0.044	U	0.082	0.044
100-02-7	4-Nitrophenol	0.066	U	0.82	0.066
534-52-1	4,6-Dinitro-2-methylphenol	0.17	U	0.33	0.17
87-86-5	Pentachlorophenol	0.083	U	0.33	0.083
111-44-4	Bis(2-chloroethyl)ether	0.014	U	0.041	0.014
541-73-1	1,3-Dichlorobenzene	0.0054	U	0.41	0.0054
106-46-7	1,4-Dichlorobenzene	0.015	U	0.41	0.015
95-50-1	1,2-Dichlorobenzene	0.0069	U	0.41	0.0069
621-64-7	N-Nitrosodi-n-propylamine	0.029	U	0.041	0.029
67-72-1	Hexachloroethane	0.014	U	0.041	0.014
98-95-3	Nitrobenzene	0.0098	U	0.041	0.0098
78-59-1	Isophorone	0.12	U	0.16	0.12
120-82-1	1,2,4-Trichlorobenzene	0.010	U	0.041	0.010
91-20-3	Naphthalene	0.0097	J	0.41	0.0070
87-68-3	Hexachlorobutadiene	0.0086	U	0.082	0.0086
91-57-6	2-Methylnaphthalene	0.011	U	0.41	0.011
77-47-4	Hexachlorocyclopentadiene	0.036	U	0.41	0.036
91-58-7	2-Chloronaphthalene	0.019	U	0.41	0.019
88-74-4	2-Nitroaniline	0.015	U	0.41	0.015
131-11-3	Dimethyl phthalate	0.092	U	0.41	0.092
208-96-8	Acenaphthylene	0.0041	U	0.41	0.0041
606-20-2	2,6-Dinitrotoluene	0.029	U	0.082	0.029
99-09-2	3-Nitroaniline	0.046	U	0.41	0.046
83-32-9	Acenaphthene	0.012	U	0.41	0.012

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: X37473.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:40

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0057	U	0.41	0.0057
51-28-5	2,4-Dinitrophenol	0.20	U	0.33	0.20
84-66-2	Diethyl phthalate	0.0059	U	0.41	0.0059
7005-72-3	4-Chlorophenyl phenyl ether	0.014	U	0.41	0.014
86-73-7	Fluorene	0.0055	U	0.41	0.0055
100-01-6	4-Nitroaniline	0.047	U	0.41	0.047
86-30-6	N-Nitrosodiphenylamine	0.033	U	0.41	0.033
101-55-3	4-Bromophenyl phenyl ether	0.016	U	0.41	0.016
118-74-1	Hexachlorobenzene	0.019	U	0.041	0.019
85-01-8	Phenanthrene	0.086	J	0.41	0.0071
120-12-7	Anthracene	0.013	J	0.41	0.012
86-74-8	Carbazole	0.015	U	0.41	0.015
84-74-2	Di-n-butyl phthalate	0.015	U	0.41	0.015
206-44-0	Fluoranthene	0.14	J	0.41	0.014
129-00-0	Pyrene	0.13	J	0.41	0.010
85-68-7	Butyl benzyl phthalate	0.019	U	0.41	0.019
56-55-3	Benzo[a]anthracene	0.070		0.041	0.014
218-01-9	Chrysene	0.092	J	0.41	0.0069
117-81-7	Bis(2-ethylhexyl) phthalate	0.021	U	0.41	0.021
117-84-0	Di-n-octyl phthalate	0.022	U	0.41	0.022
205-99-2	Benzo[b]fluoranthene	0.11		0.041	0.011
207-08-9	Benzo[k]fluoranthene	0.035	J	0.041	0.0080
50-32-8	Benzo[a]pyrene	0.066		0.041	0.011
193-39-5	Indeno[1,2,3-cd]pyrene	0.061		0.041	0.016
53-70-3	Dibenz(a,h)anthracene	0.018	U	0.041	0.018
191-24-2	Benzo[g,h,i]perylene	0.050	J	0.41	0.012
108-60-1	2,2'-oxybis[1-chloropropane]	0.0073	U	0.41	0.0073
91-94-1	3,3'-Dichlorobenzidine	0.061	U	0.16	0.061
111-91-1	Bis(2-chloroethoxy)methane	0.032	U	0.41	0.032

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: X37473.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:40

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	50		11-104
4165-62-2	Phenol-d5	56		15-100
1718-51-0	Terphenyl-d14	70		12-126
118-79-6	2,4,6-Tribromophenol	70		10-123
367-12-4	2-Fluorophenol	57		10-105
321-60-8	2-Fluorobiphenyl	59		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: X37473.d

Analysis Method: 8270E Date Collected: 10/28/2021 09:40

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:25

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 1.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.99	1.5	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d
Lims ID: 460-246210-E-8-C
Client ID: HA-6
Sample Type: Client
Inject. Date: 01-Nov-2021 17:25:30 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-021
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:26:26 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: khlungprakhons Date: 02-Nov-2021 14:28:16

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.287	3.287	0.000	92	59669	28.6	
$ 6 Phenol-d5	99	4.163	4.169	-0.006	97	70837	28.0	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	61186	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	90	60500	25.2	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	236687	40.0	
39 Naphthalene	128	5.745	5.751	-0.006	11	715	0.1184	
$ 51 2-Fluorobiphenyl	172	6.745	6.751	-0.006	97	142638	29.3	
* 65 Acenaphthene-d10	164	7.387	7.387	-0.001	98	132678	40.0	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	89	37028	35.1	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	247507	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	67	6696	1.05	
90 Anthracene	178	8.851	8.851	0.000	48	1026	0.1563	
92 Di-n-butyl phthalate	149	9.333	9.334	-0.001	7	650	0.0862	7a
93 Fluoranthene	202	9.928	9.928	0.000	97	12183	1.69	
95 Pyrene	202	10.139	10.139	0.000	95	10875	1.56	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	216556	35.2	
101 Benzo[a]anthracene	228	11.404	11.410	-0.006	49	6010	0.8561	
* 102 Chrysene-d12	240	11.416	11.422	-0.006	99	225146	40.0	
103 Chrysene	228	11.445	11.433	-0.006	76	7421	1.12	
106 Benzo[b]fluoranthene	252	12.792	12.798	-0.006	94	9908	1.34	M
107 Benzo[k]fluoranthene	252	12.821	12.839	-0.018	1	3221	0.4252	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	92	5630	0.8023	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	258297	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.915	14.933	-0.018	97	5450	0.7461	
111 Dibenz(a,h)anthracene	278	14.957	14.974	-0.017	4	1073	0.1411	
112 Benzo[g,h,i]perylene	276	15.368	15.386	-0.018	85	4806	0.6071	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Lims ID:	460-246210-E-8-C				
Client ID:	HA-6				
Sample Type:	Client				
Inject. Date:	01-Nov-2021 17:25:30	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0136922-021				
Operator ID:		Instrument ID:	CBNAMS5		
Method:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m				
Limit Group:	SV 8270E ICAL				
Last Update:	02-Nov-2021 14:26:26	Calib Date:	29-Oct-2021 14:00:30		
Tic RT Window:	0.000 -0.000	Response:	area		
Quant By:	Nearest ISTD	Quant LOD:	10.00000		
MS Library:	\\chromfs\Edison\Database\NIST02.L				
Min. Match:	80				
Column 1 :			Det: MS SCAN		
Process Host:	CTX1639				
First Level Reviewer: khlungprakhons		Date:	02-Nov-2021 14:28:16		

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.987	167947	18.0	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	372793	40.0

QC Flag Legend

Processing Flags

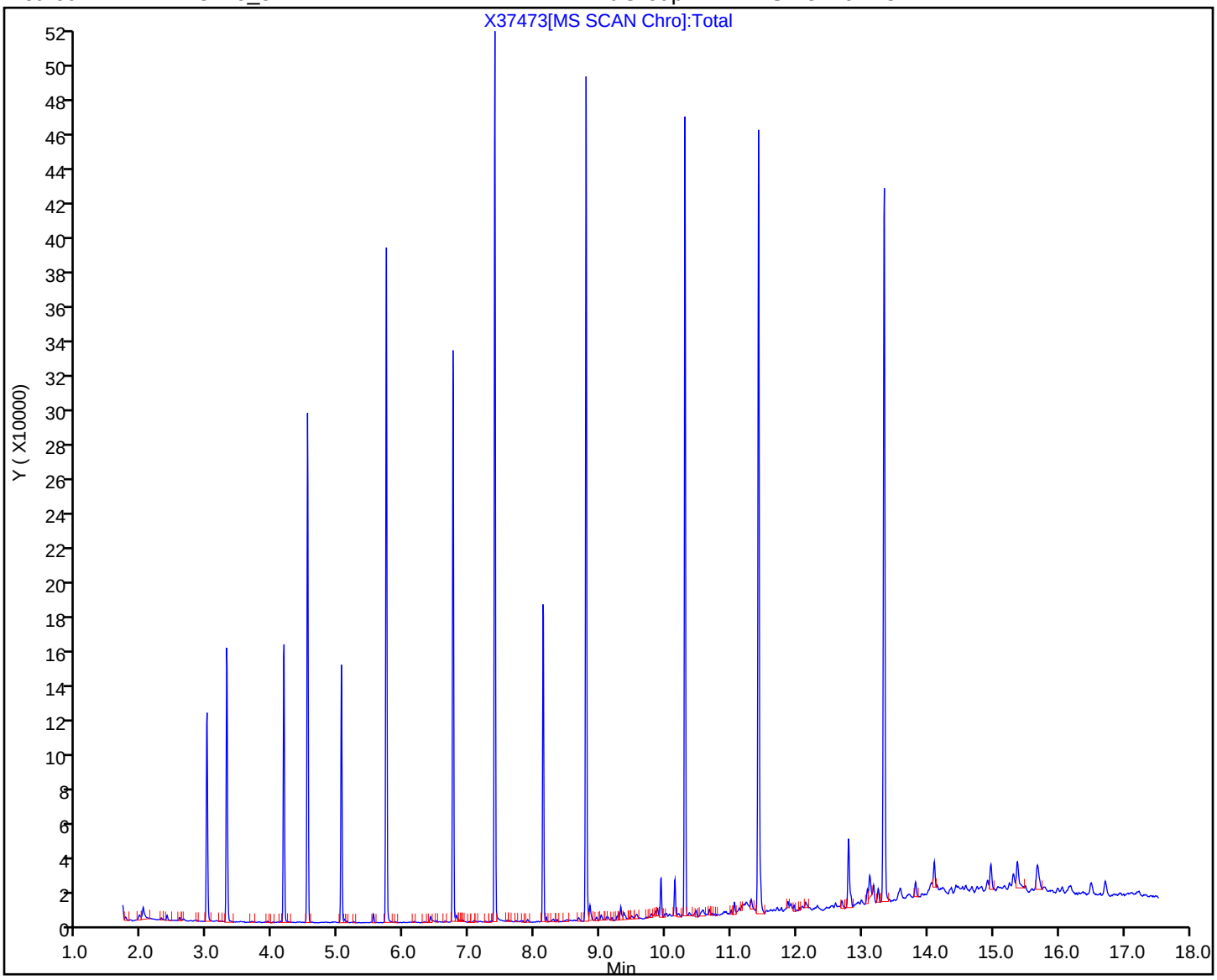
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:28:17 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

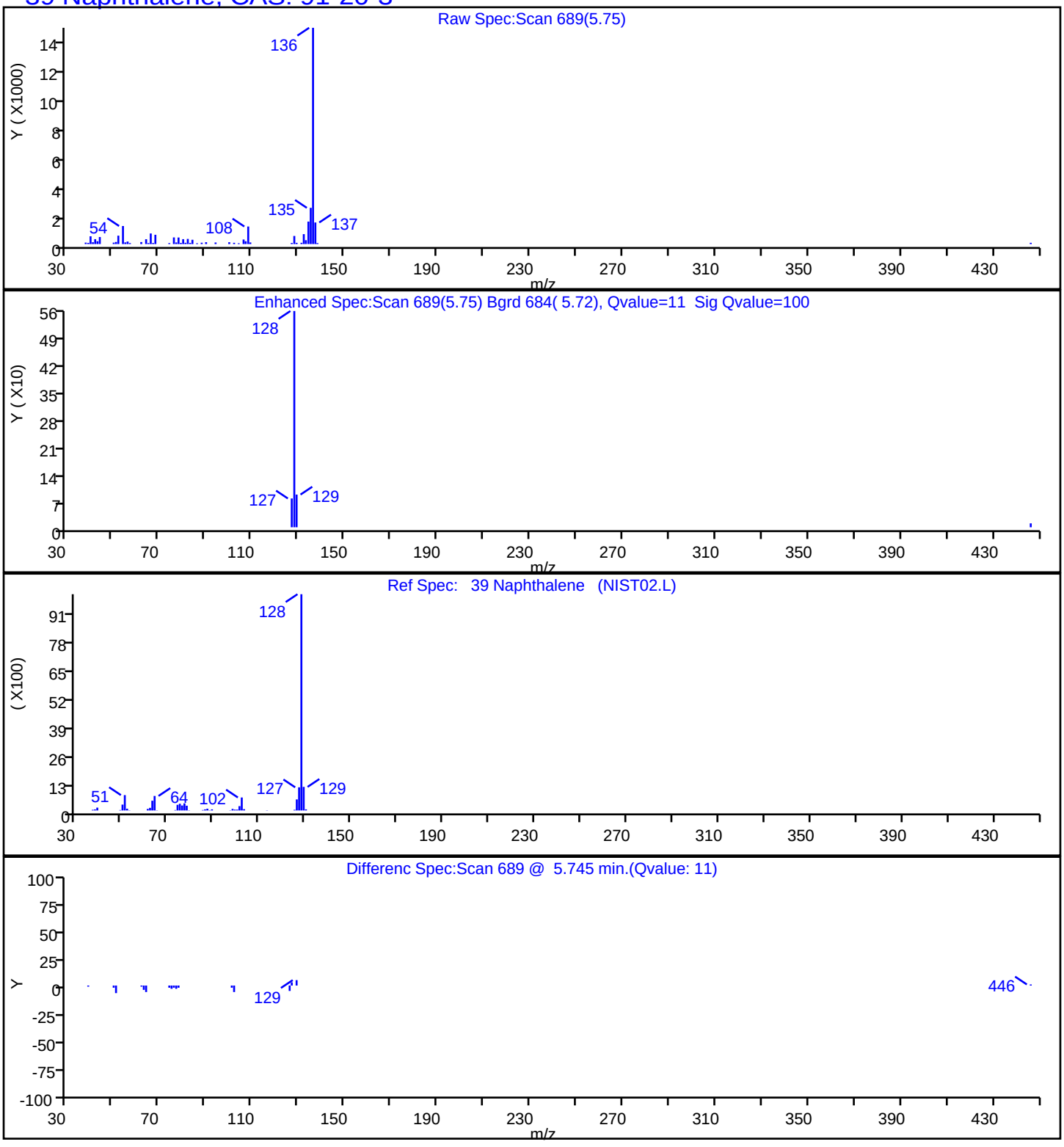
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

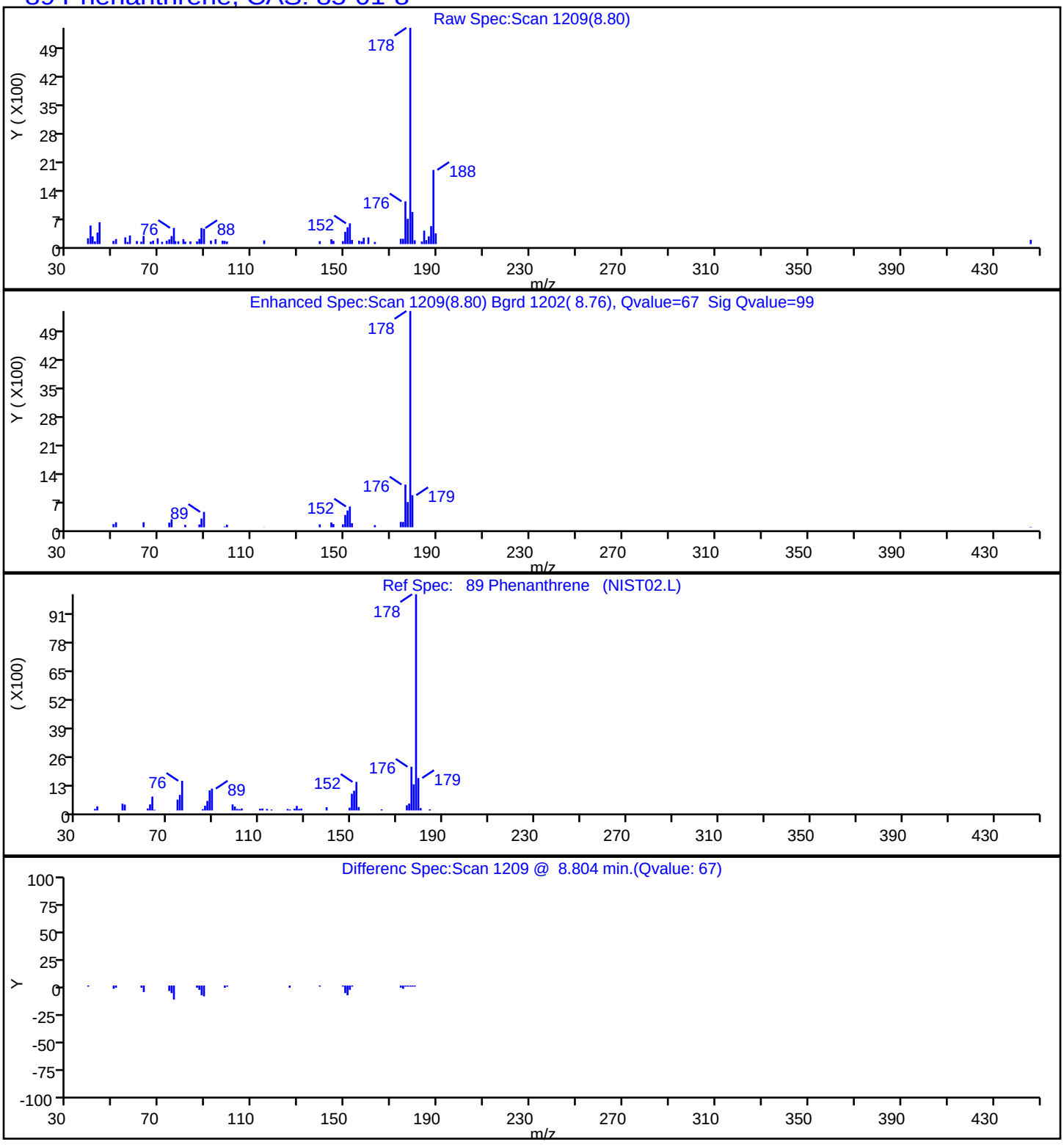
39 Naphthalene, CAS: 91-20-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

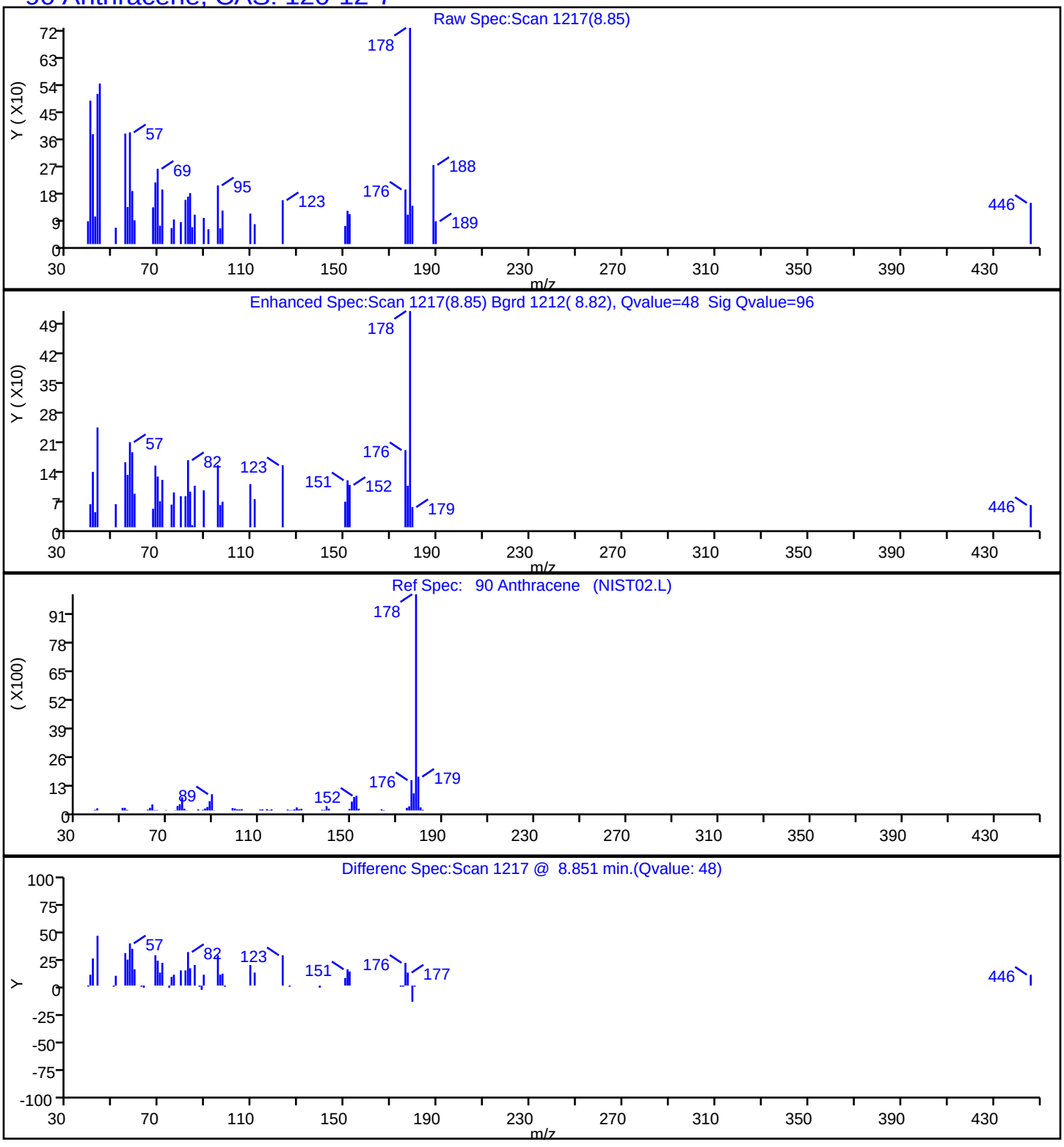
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

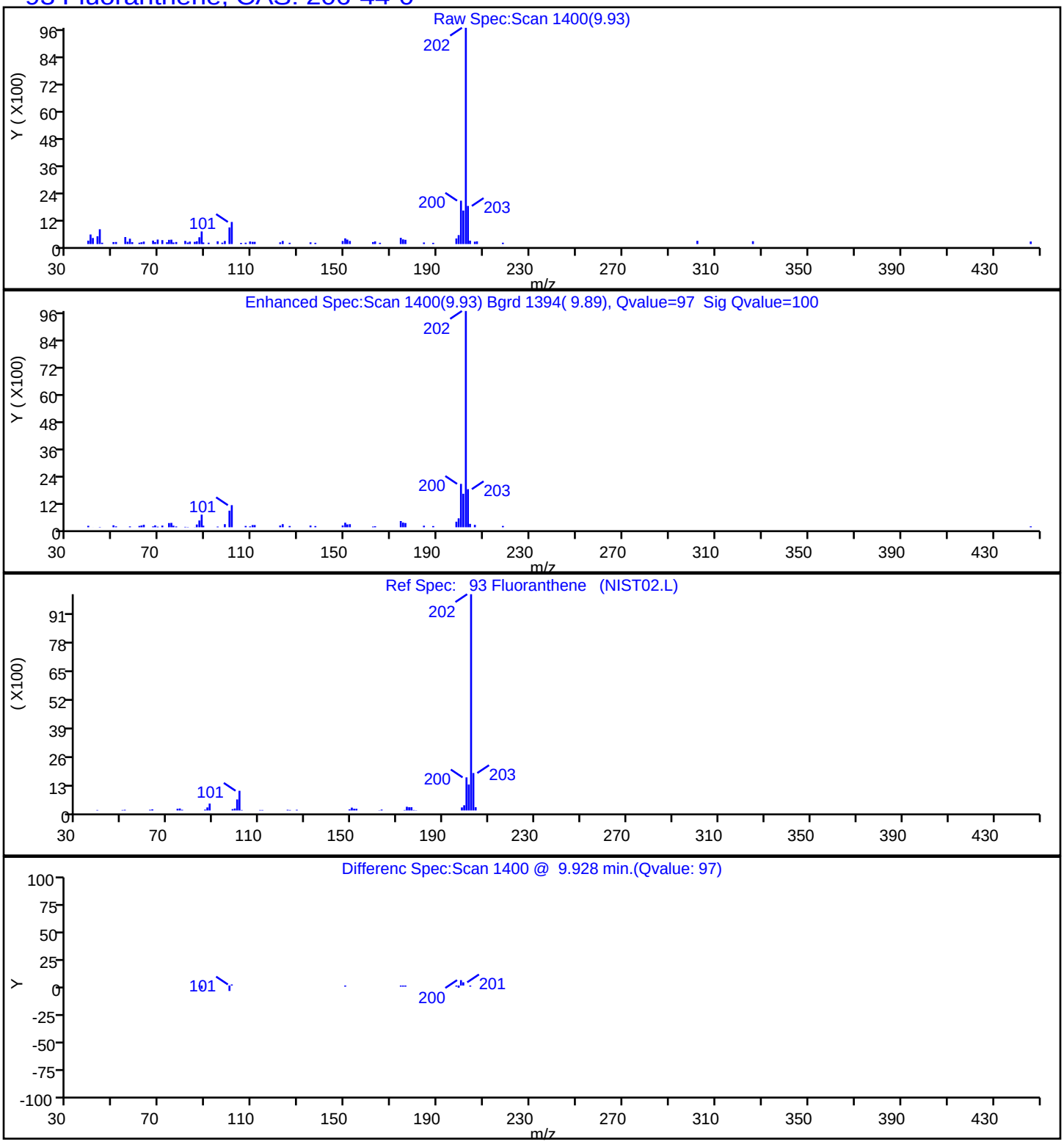
90 Anthracene, CAS: 120-12-7



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

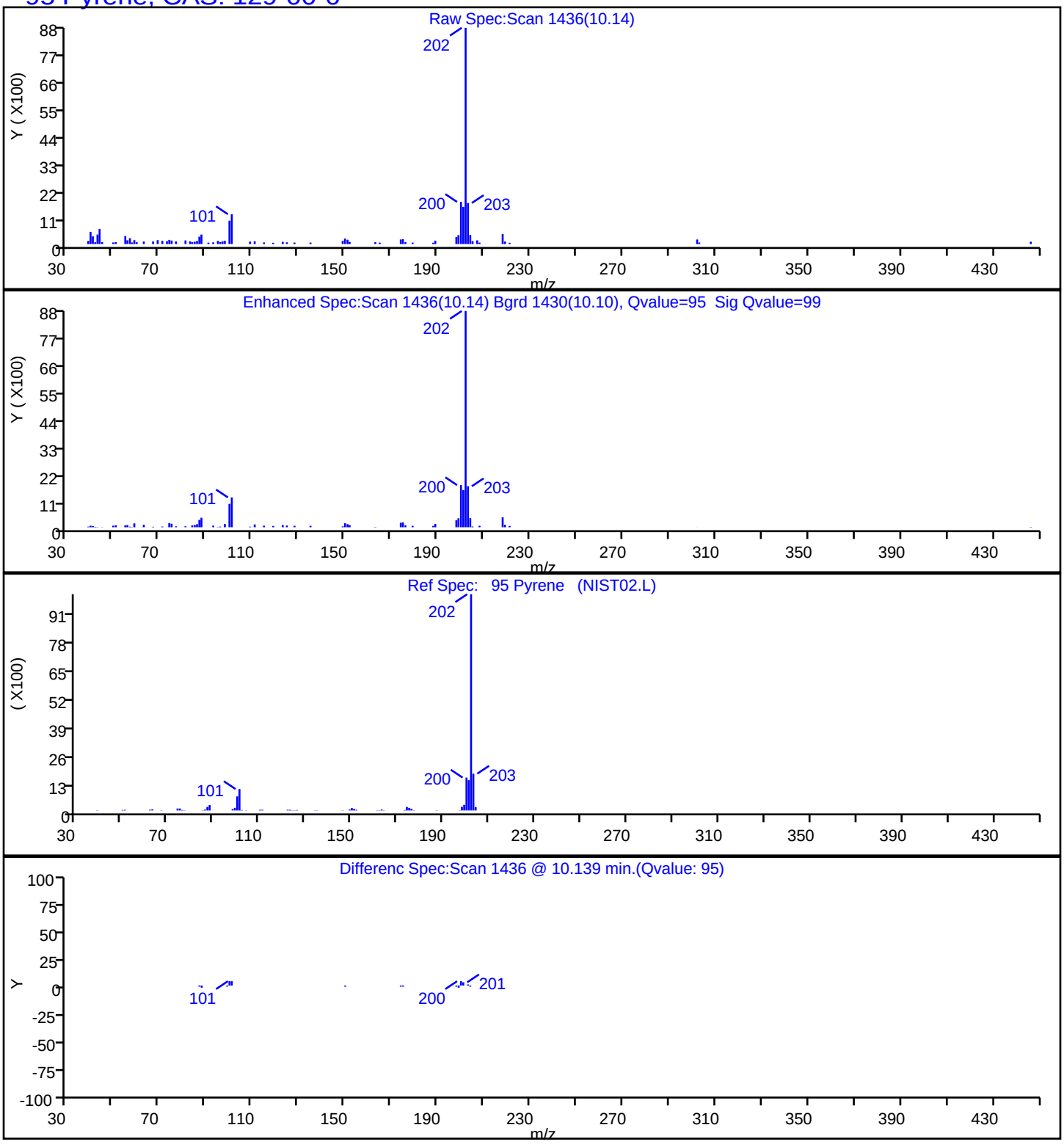
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

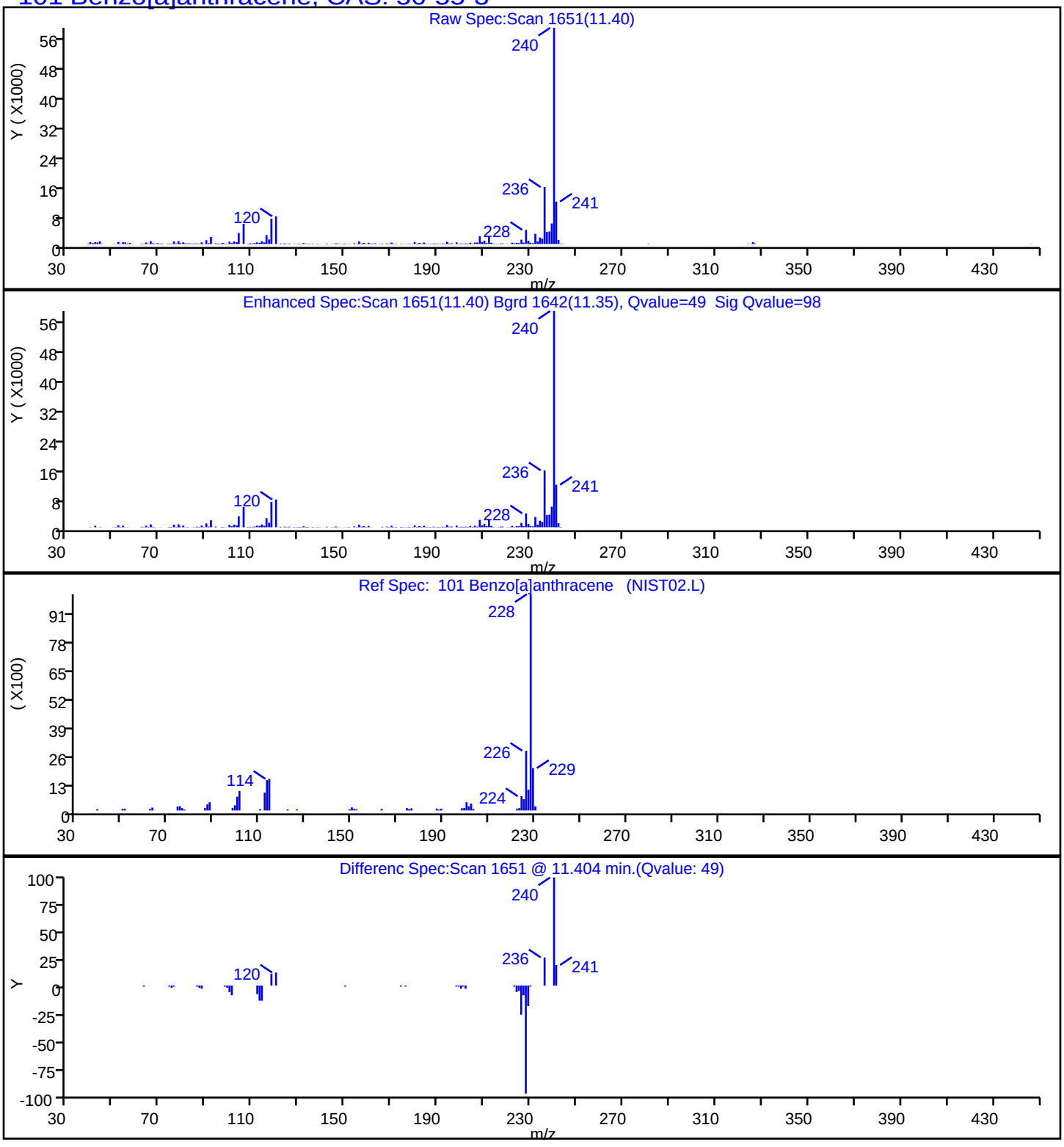
95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

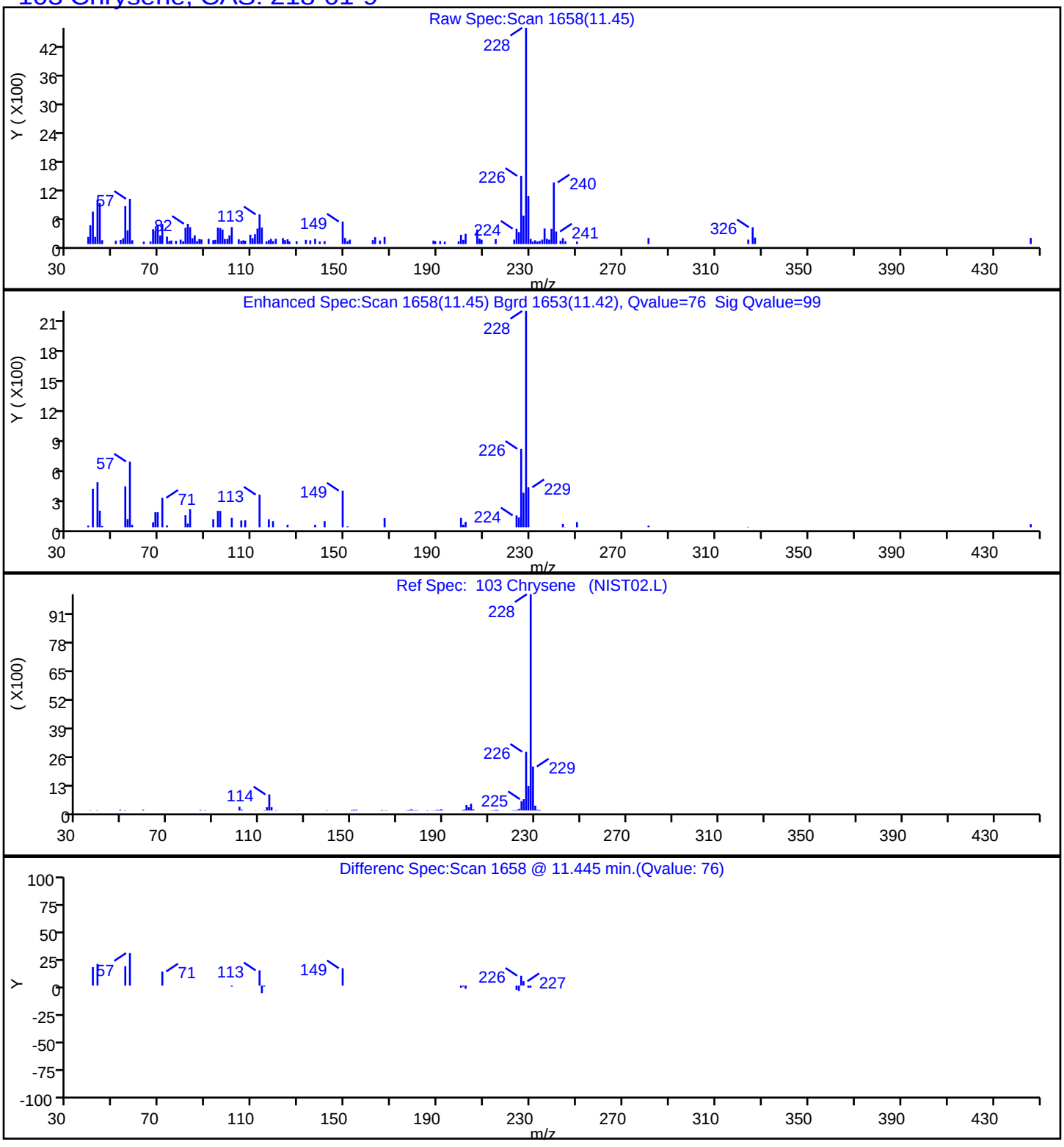
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

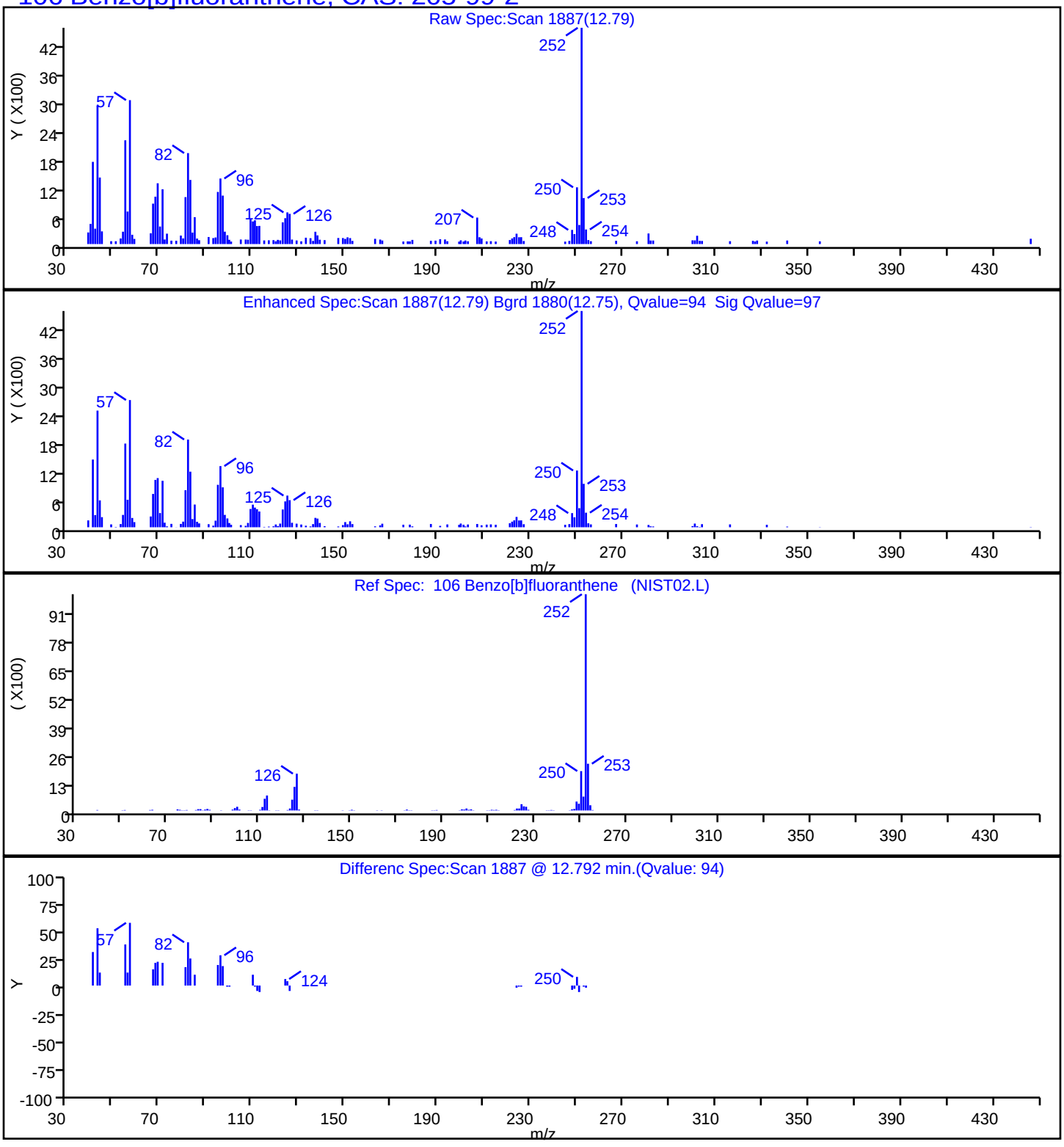
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

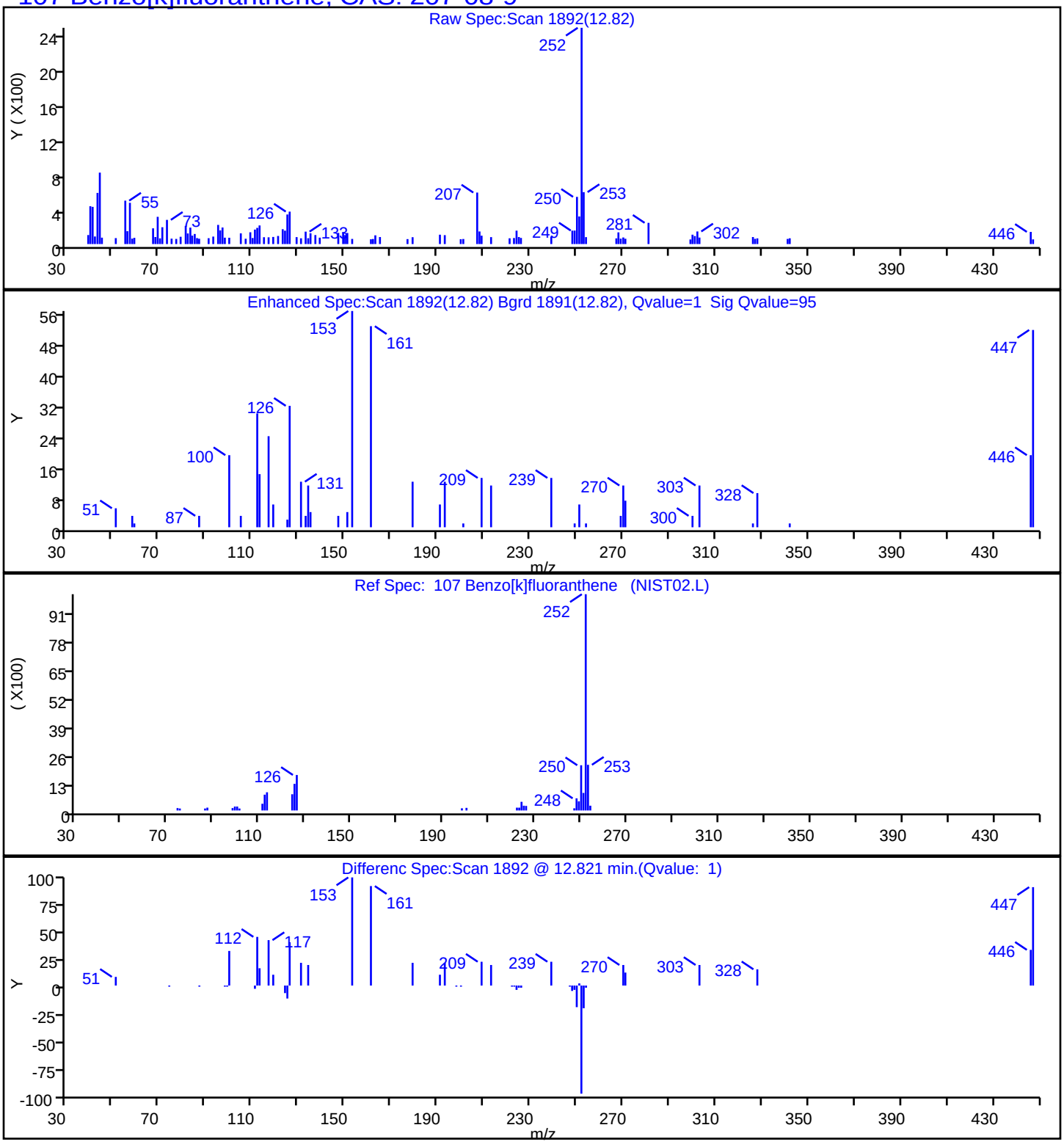
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

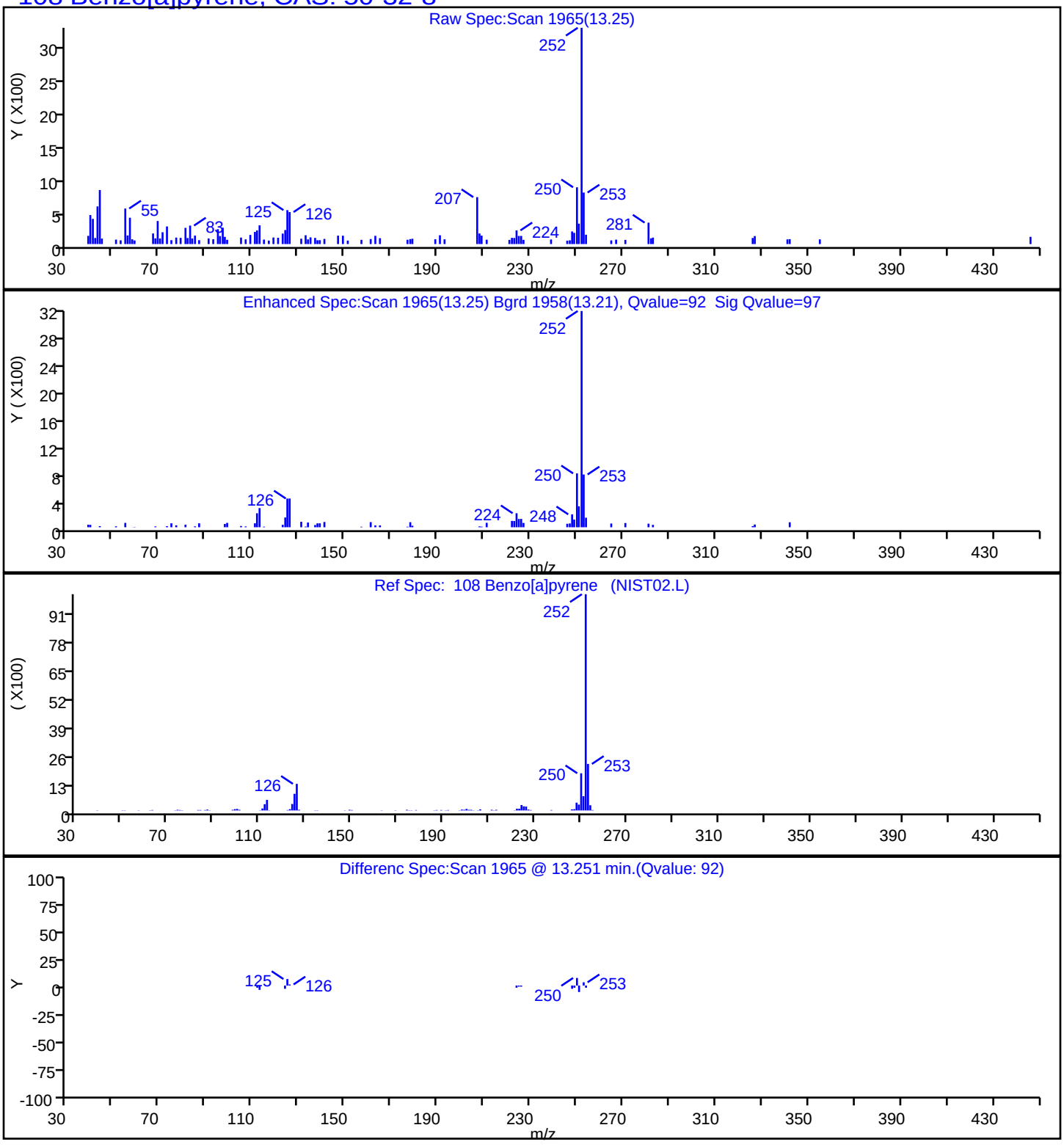
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

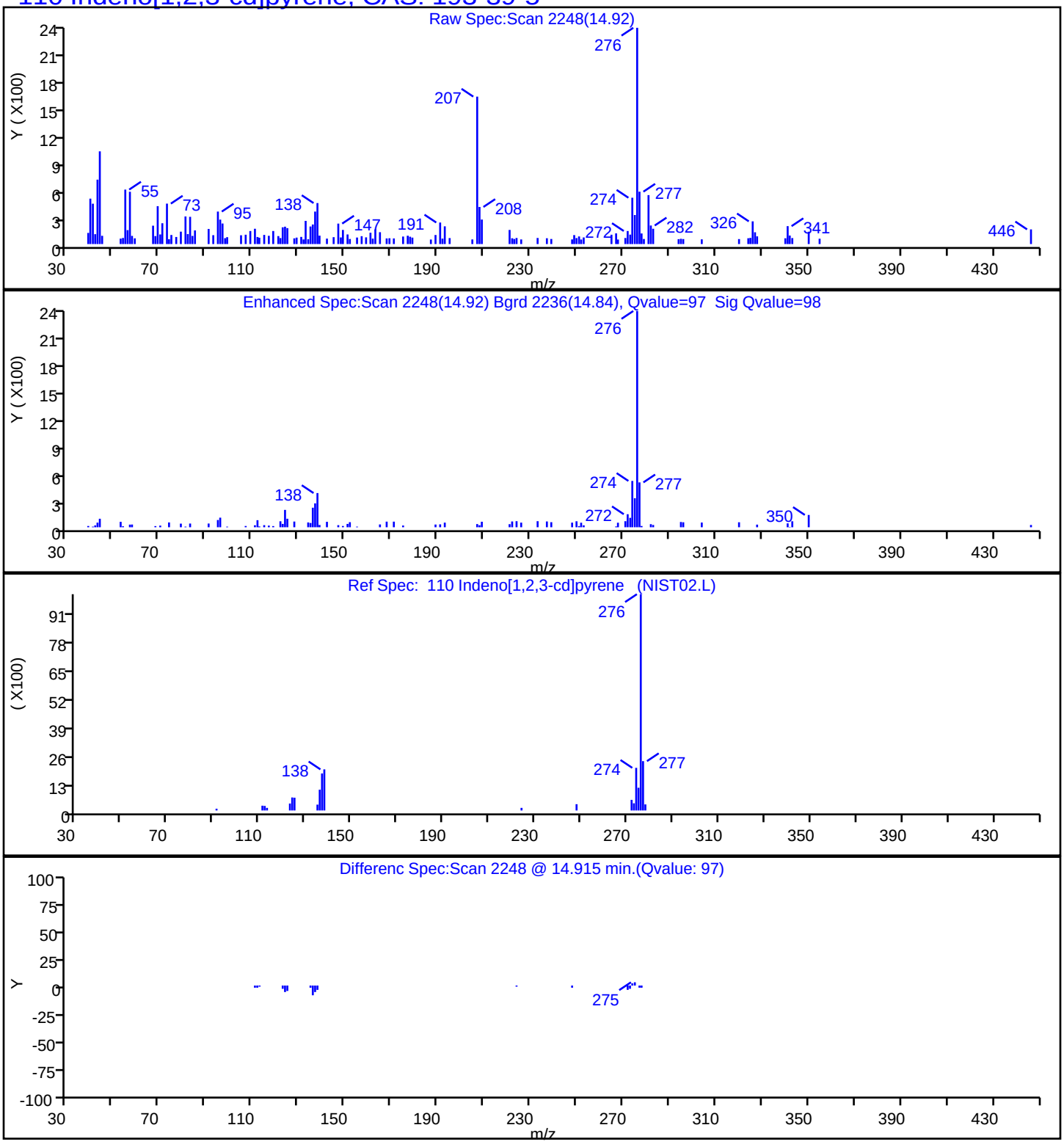
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

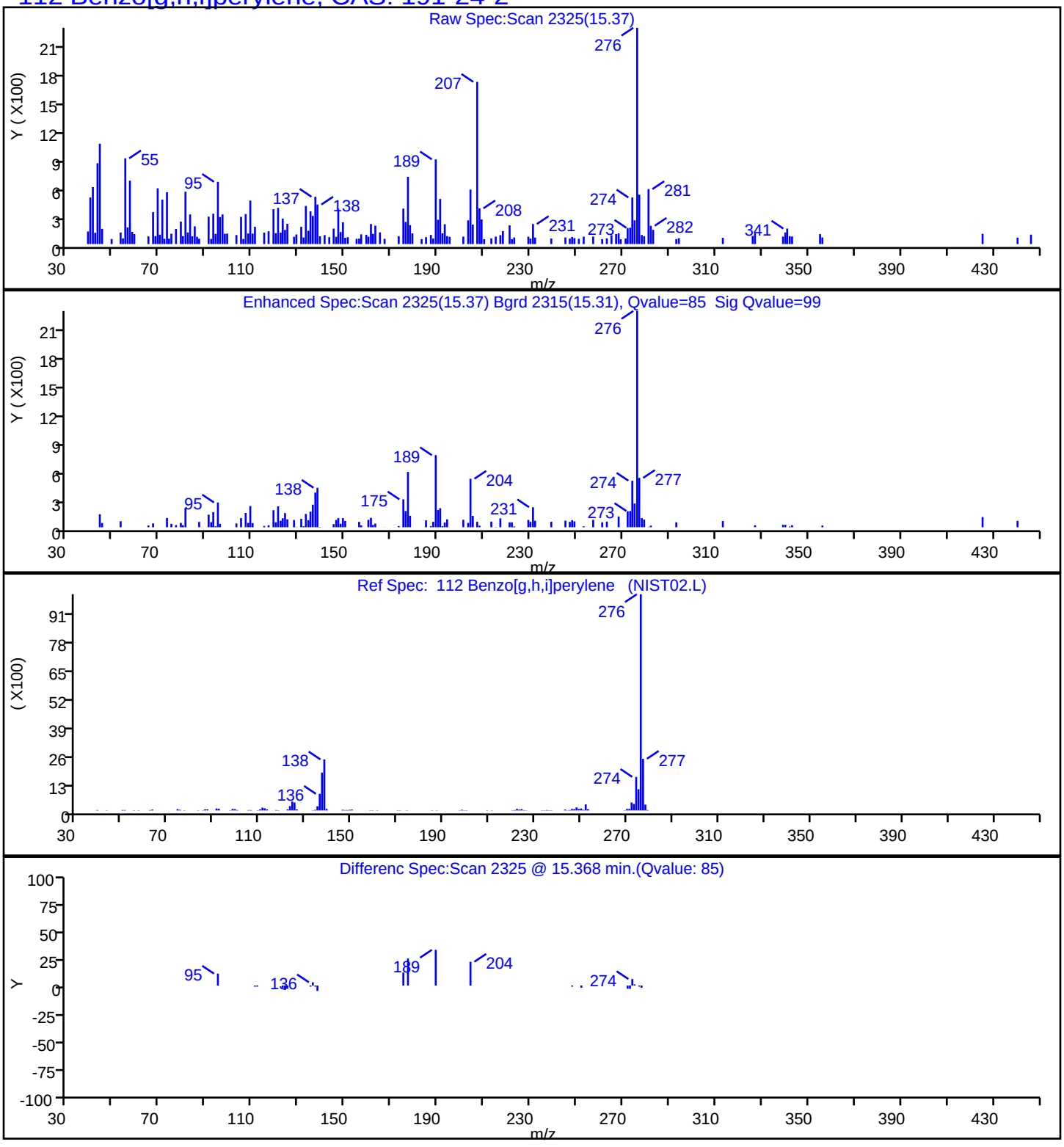
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d				
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8		
Client ID:	HA-6				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

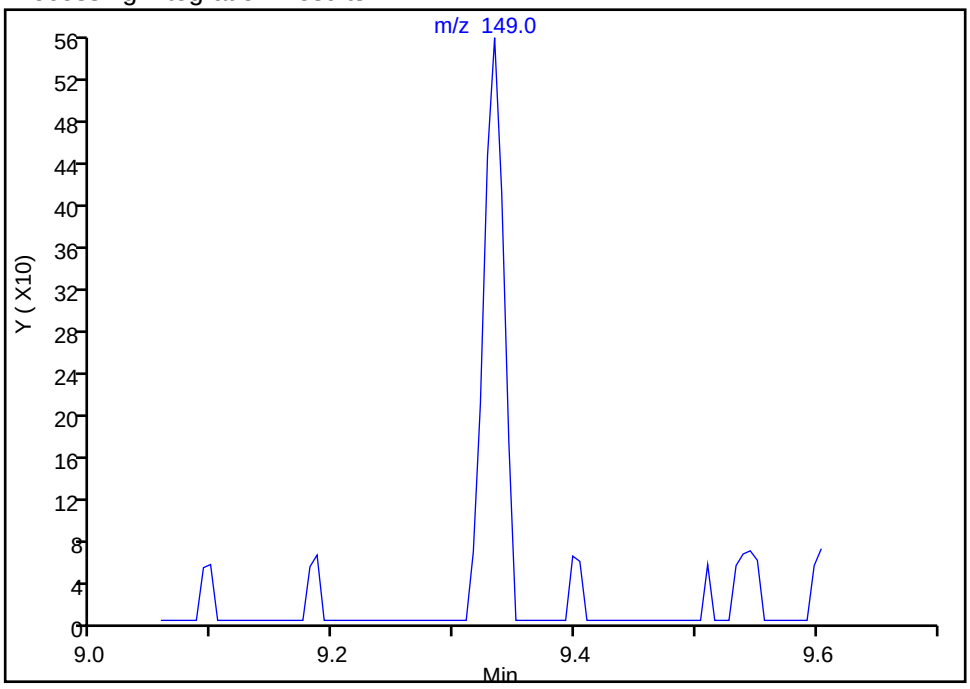
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d		
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

92 Di-n-butyl phthalate, CAS: 84-74-2

Signal: 1

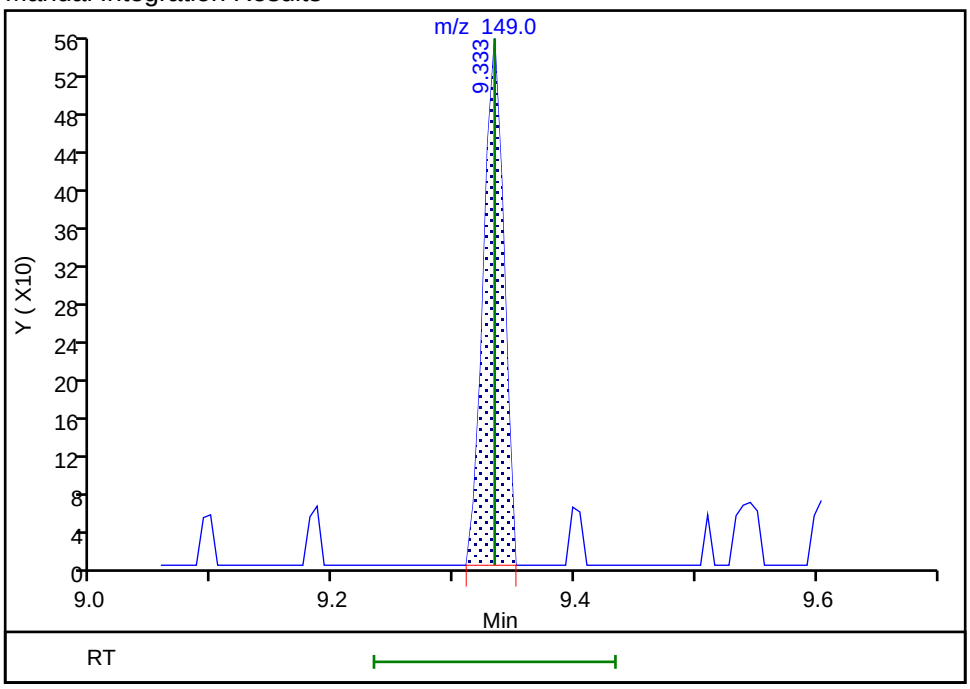
Not Detected
Expected RT: 9.33

Processing Integration Results



Manual Integration Results

RT: 9.33
Area: 650
Amount: 0.086237
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:23:15
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

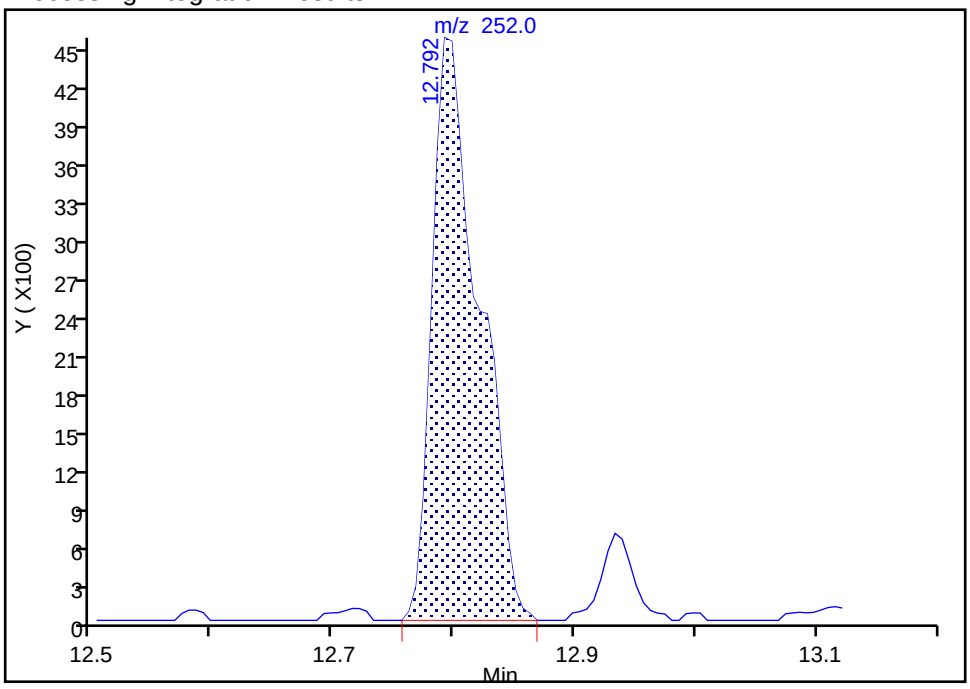
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d		
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 1

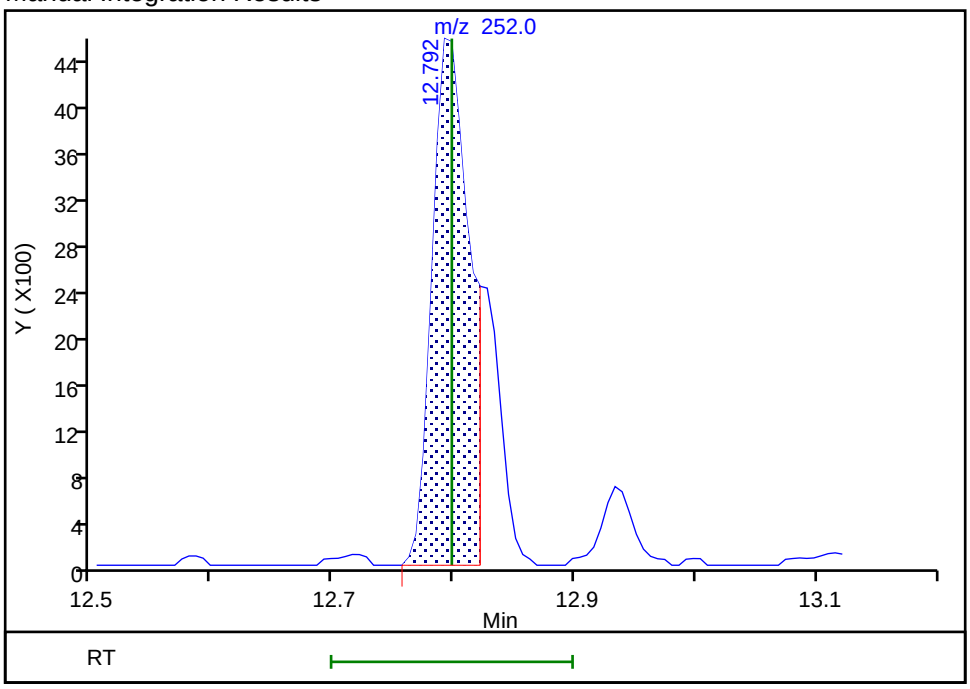
Processing Integration Results

RT: 12.79
Area: 12267
Amount: 1.661882
Amount Units: ug/ml



Manual Integration Results

RT: 12.79
Area: 9908
Amount: 1.342294
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:24:09
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

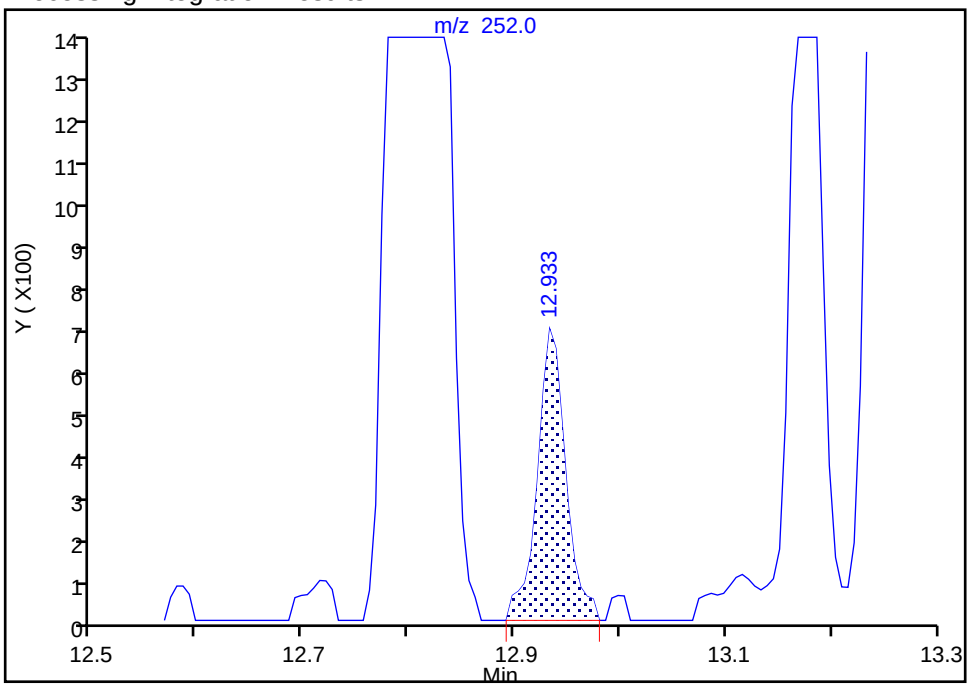
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d		
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

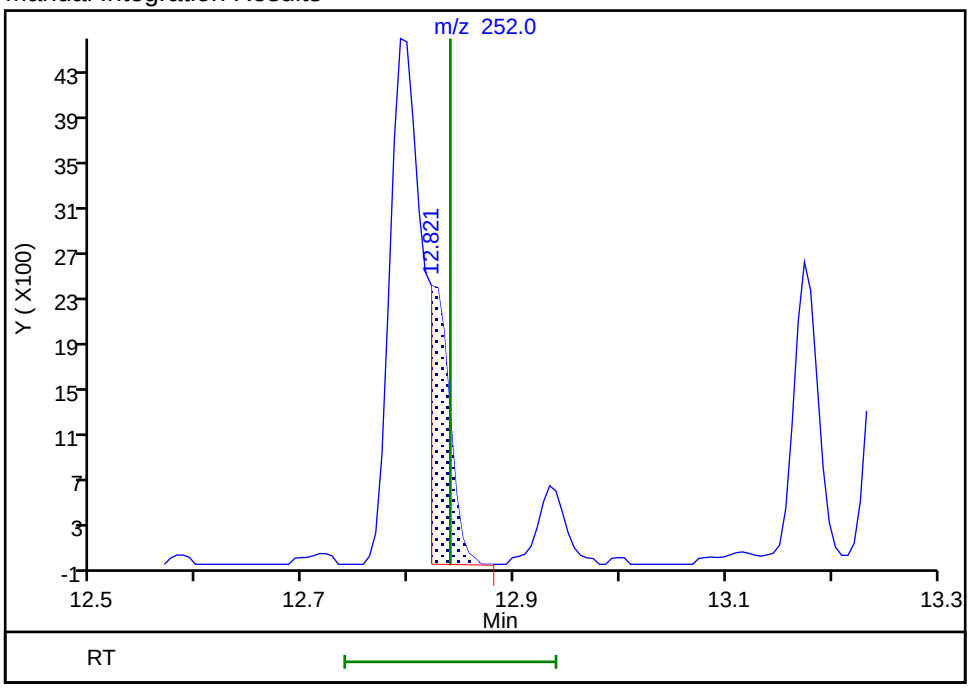
Processing Integration Results

RT: 12.93
Area: 1268
Amount: 0.167389
Amount Units: ug/ml



Manual Integration Results

RT: 12.82
Area: 3221
Amount: 0.425204
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:24:43

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

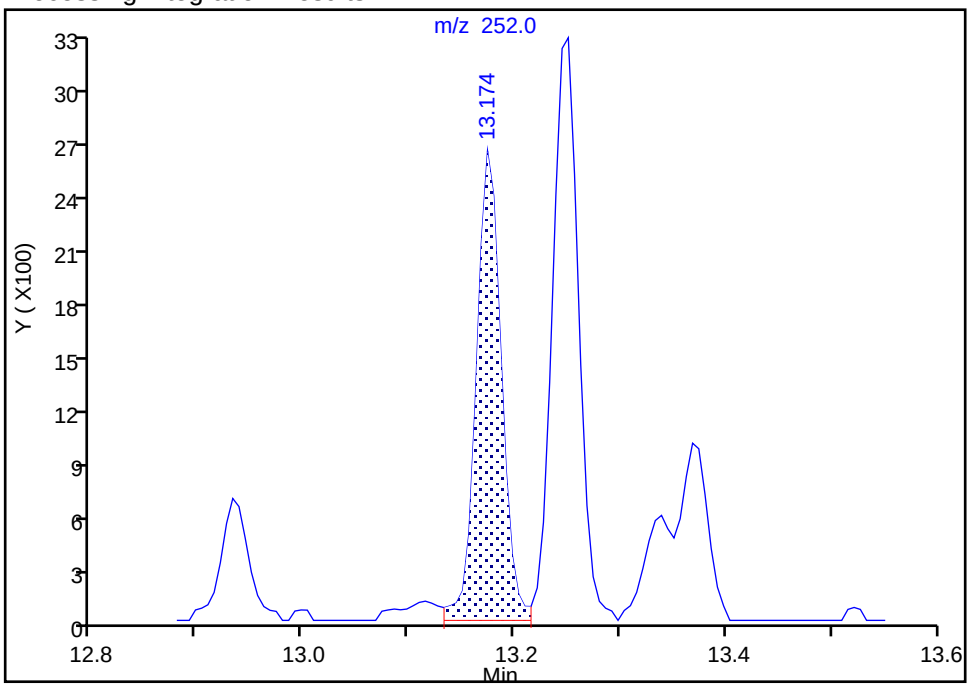
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d		
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

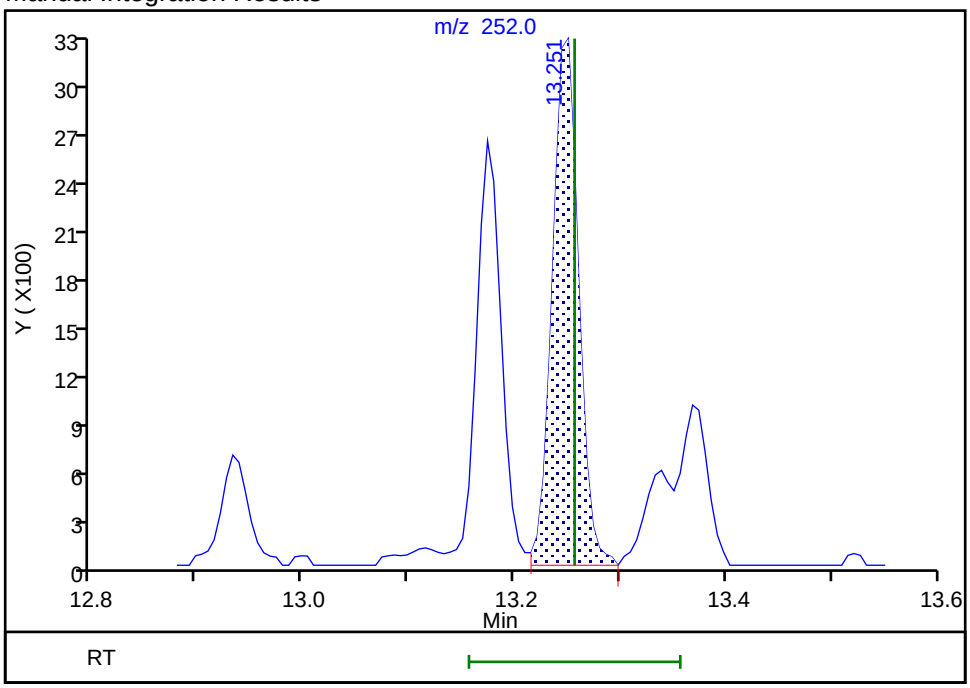
Processing Integration Results

RT: 13.17
Area: 4336
Amount: 0.617901
Amount Units: ug/ml



Manual Integration Results

RT: 13.25
Area: 5630
Amount: 0.802303
Amount Units: ug/ml

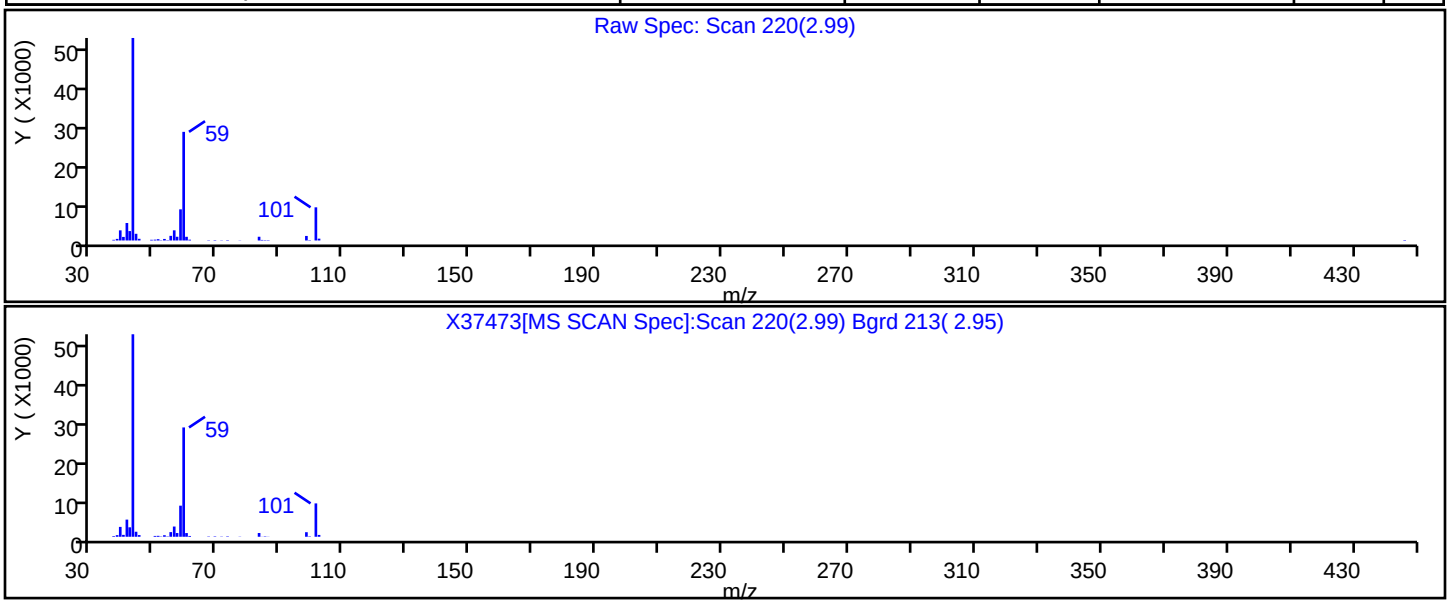


Reviewer: eisam, 01-Nov-2021 23:24:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37473.d		
Injection Date:	01-Nov-2021 17:25:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-E-8-C	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 21
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: X37474.d

Analysis Method: 8270E Date Collected: 10/28/2021 10:15

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.014	U	0.39	0.014
95-57-8	2-Chlorophenol	0.014	U	0.39	0.014
95-48-7	2-Methylphenol	0.014	U	0.39	0.014
106-44-5	4-Methylphenol	0.024	U	0.39	0.024
88-75-5	2-Nitrophenol	0.039	U	0.39	0.039
105-67-9	2,4-Dimethylphenol	0.017	U	0.39	0.017
120-83-2	2,4-Dichlorophenol	0.025	U	0.16	0.025
59-50-7	4-Chloro-3-methylphenol	0.022	U	0.39	0.022
88-06-2	2,4,6-Trichlorophenol	0.050	U	0.16	0.050
95-95-4	2,4,5-Trichlorophenol	0.039	U	0.39	0.039
121-14-2	2,4-Dinitrotoluene	0.042	U	0.078	0.042
100-02-7	4-Nitrophenol	0.063	U	0.78	0.063
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.31	0.16
87-86-5	Pentachlorophenol	0.079	U	0.31	0.079
111-44-4	Bis(2-chloroethyl)ether	0.013	U	0.039	0.013
541-73-1	1,3-Dichlorobenzene	0.0051	U	0.39	0.0051
106-46-7	1,4-Dichlorobenzene	0.015	U	0.39	0.015
95-50-1	1,2-Dichlorobenzene	0.0066	U	0.39	0.0066
621-64-7	N-Nitrosodi-n-propylamine	0.028	U	0.039	0.028
67-72-1	Hexachloroethane	0.013	U	0.039	0.013
98-95-3	Nitrobenzene	0.0093	U	0.039	0.0093
78-59-1	Isophorone	0.11	U	0.16	0.11
120-82-1	1,2,4-Trichlorobenzene	0.010	U	0.039	0.010
91-20-3	Naphthalene	0.0067	U	0.39	0.0067
87-68-3	Hexachlorobutadiene	0.0082	U	0.078	0.0082
91-57-6	2-Methylnaphthalene	0.011	U	0.39	0.011
77-47-4	Hexachlorocyclopentadiene	0.034	U	0.39	0.034
91-58-7	2-Chloronaphthalene	0.018	U	0.39	0.018
88-74-4	2-Nitroaniline	0.014	U	0.39	0.014
131-11-3	Dimethyl phthalate	0.088	U	0.39	0.088
208-96-8	Acenaphthylene	0.0039	U	0.39	0.0039
606-20-2	2,6-Dinitrotoluene	0.028	U	0.078	0.028
99-09-2	3-Nitroaniline	0.044	U	0.39	0.044
83-32-9	Acenaphthene	0.011	U	0.39	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: X37474.d

Analysis Method: 8270E Date Collected: 10/28/2021 10:15

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0054	U	0.39	0.0054
51-28-5	2,4-Dinitrophenol	0.19	U	0.31	0.19
84-66-2	Diethyl phthalate	0.0056	U	0.39	0.0056
7005-72-3	4-Chlorophenyl phenyl ether	0.014	U	0.39	0.014
86-73-7	Fluorene	0.0053	U	0.39	0.0053
100-01-6	4-Nitroaniline	0.044	U	0.39	0.044
86-30-6	N-Nitrosodiphenylamine	0.032	U	0.39	0.032
101-55-3	4-Bromophenyl phenyl ether	0.015	U	0.39	0.015
118-74-1	Hexachlorobenzene	0.018	U	0.039	0.018
85-01-8	Phenanthrene	0.059	J	0.39	0.0068
120-12-7	Anthracene	0.012	U	0.39	0.012
86-74-8	Carbazole	0.015	U	0.39	0.015
84-74-2	Di-n-butyl phthalate	0.015	U	0.39	0.015
206-44-0	Fluoranthene	0.10	J	0.39	0.014
129-00-0	Pyrene	0.085	J	0.39	0.0096
85-68-7	Butyl benzyl phthalate	0.018	U	0.39	0.018
56-55-3	Benzo[a]anthracene	0.052		0.039	0.014
218-01-9	Chrysene	0.066	J	0.39	0.0065
117-81-7	Bis(2-ethylhexyl) phthalate	0.020	U	0.39	0.020
117-84-0	Di-n-octyl phthalate	0.021	U	0.39	0.021
205-99-2	Benzo[b]fluoranthene	0.080		0.039	0.010
207-08-9	Benzo[k]fluoranthene	0.022	J	0.039	0.0076
50-32-8	Benzo[a]pyrene	0.049		0.039	0.010
193-39-5	Indeno[1,2,3-cd]pyrene	0.041		0.039	0.015
53-70-3	Dibenz(a,h)anthracene	0.017	U	0.039	0.017
191-24-2	Benzo[g,h,i]perylene	0.037	J	0.39	0.011
108-60-1	2,2'-oxybis[1-chloropropane]	0.0070	U	0.39	0.0070
91-94-1	3,3'-Dichlorobenzidine	0.058	U	0.16	0.058
111-91-1	Bis(2-chloroethoxy)methane	0.030	U	0.39	0.030

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: X37474.d

Analysis Method: 8270E Date Collected: 10/28/2021 10:15

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	36		11-104
4165-62-2	Phenol-d5	46		15-100
1718-51-0	Terphenyl-d14	75		12-126
118-79-6	2,4,6-Tribromophenol	84		10-123
367-12-4	2-Fluorophenol	43		10-105
321-60-8	2-Fluorobiphenyl	49		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: X37474.d

Analysis Method: 8270E Date Collected: 10/28/2021 10:15

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 17:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 4 TIC Result Total: 2.77

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.98	1.1	A J	
297-24-5	Cyclooctacosane	13.10	0.56	J N	91%
83-46-5	.beta.-Sitosterol	15.67	0.79	J N	99%
1058-61-3	Stigmast-4-en-3-one	16.72	0.32	J N	99%

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d
Lims ID: 460-246210-F-9-C
Client ID: HA-7
Sample Type: Client
Inject. Date: 01-Nov-2021 17:48:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-022
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:26:26 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 01-Nov-2021 23:30:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.287	3.287	0.000	93	38836	21.7	
$ 6 Phenol-d5	99	4.157	4.169	-0.012	97	50145	23.1	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	52551	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	91	36338	18.1	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	198431	40.0	
$ 51 2-Fluorobiphenyl	172	6.745	6.751	-0.006	97	101105	24.4	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	97	112865	40.0	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	89	37721	42.0	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	216101	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	87	4226	0.7561	
93 Fluoranthene	202	9.922	9.928	-0.006	98	8147	1.30	
95 Pyrene	202	10.139	10.139	0.000	95	7199	1.09	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	219651	37.5	
101 Benzo[a]anthracene	228	11.404	11.410	-0.006	46	4443	0.6648	
* 102 Chrysene-d12	240	11.416	11.422	-0.006	99	214339	40.0	
103 Chrysene	228	11.445	11.433	-0.006	71	5331	0.8460	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	85	7352	1.03	
107 Benzo[k]fluoranthene	252	12.827	12.839	-0.012	1	2081	0.2837	M
108 Benzo[a]pyrene	252	13.251	13.257	-0.006	92	4233	0.6230	a
* 109 Perylene-d12	264	13.339	13.339	0.000	99	250090	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.933	-0.012	86	3756	0.5311	
111 Dibenz(a,h)anthracene	278	14.957	14.974	-0.017	1	937	0.1273	
112 Benzo[g,h,i]perylene	276	15.368	15.386	-0.018	75	3660	0.4775	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d
Lims ID: 460-246210-F-9-C
Client ID: HA-7
Sample Type: Client
Inject. Date: 01-Nov-2021 17:48:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-022
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:26:26 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: eisam Date: 01-Nov-2021 23:30:49

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.981	114827	14.6	14	0	0		0	
297-24-5		Cyclooctacosane						
13.104	119487	7.20	109	91	154719	C28H56	392	
83-46-5		.beta.-Sitosterol						
15.674	168472	10.2	109	99	159282	C29H50O	414	
1058-61-3		Stigmast-4-en-3-one						
16.721	68890	4.15	109	99	158845	C29H48O	412	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	314936	40.0
* 109 Perylene-d12	13.339	663855	40.0

QC Flag Legend

Processing Flags

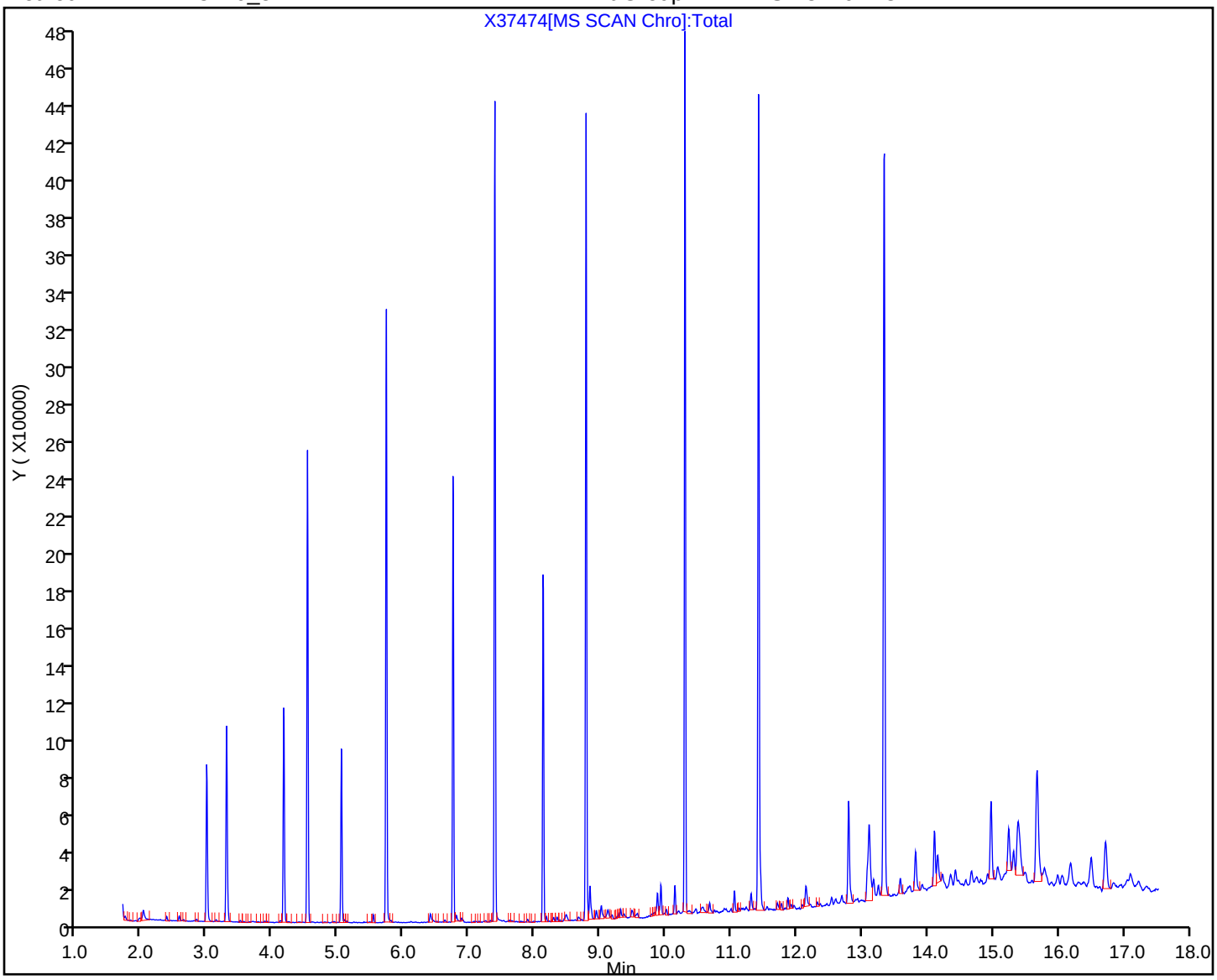
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 14:28:45 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

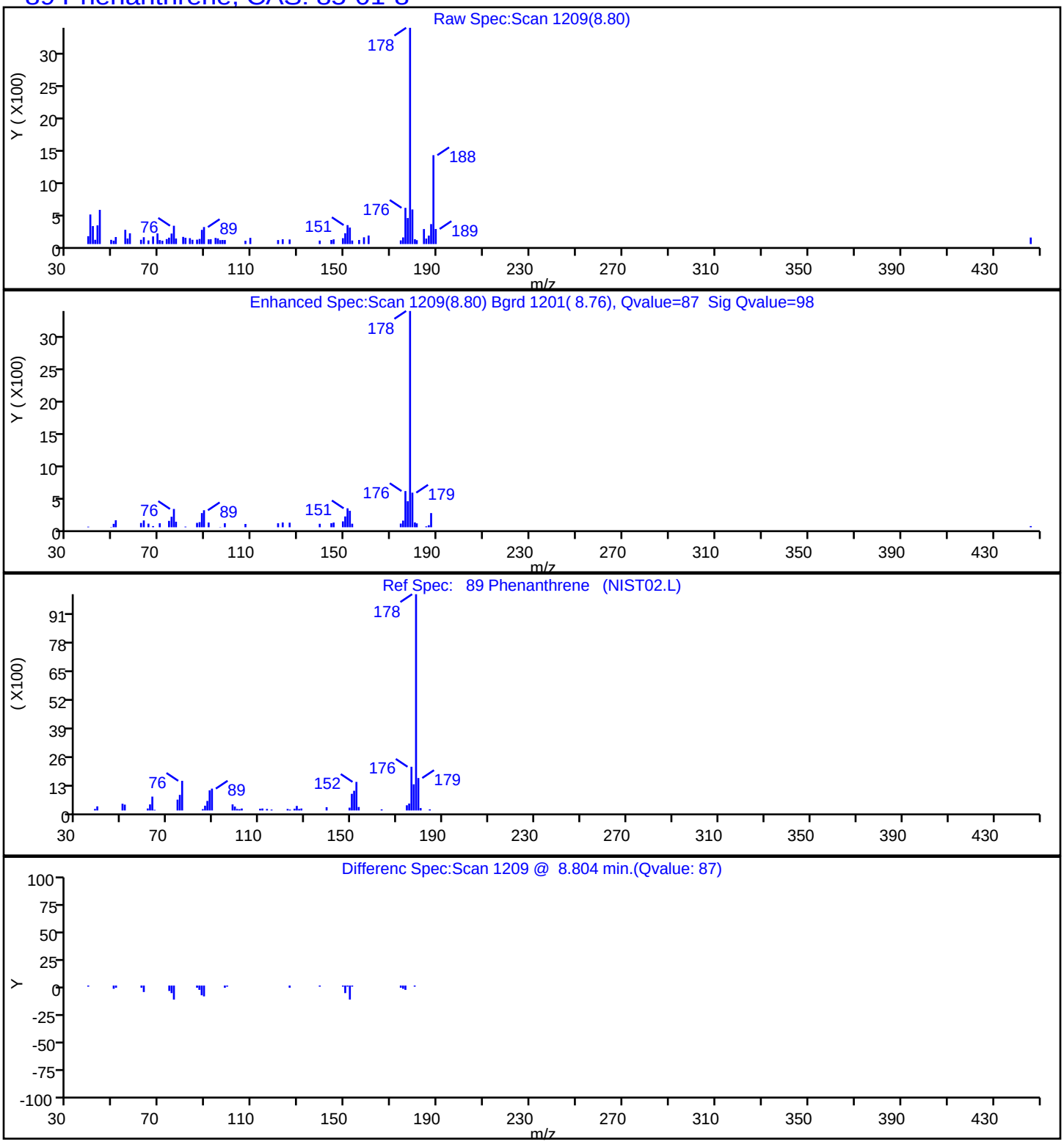
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

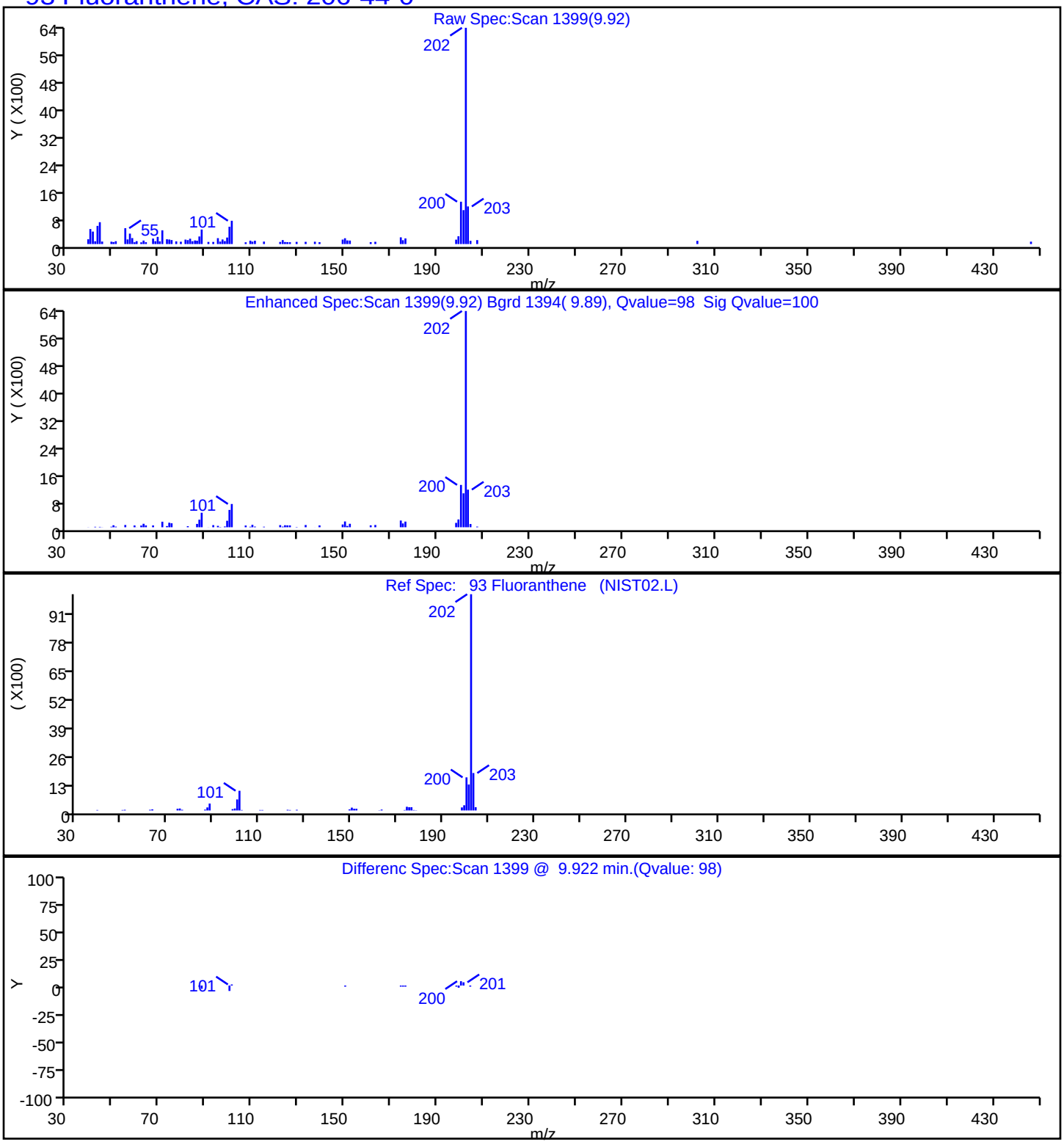
89 Phenanthrene, CAS: 85-01-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

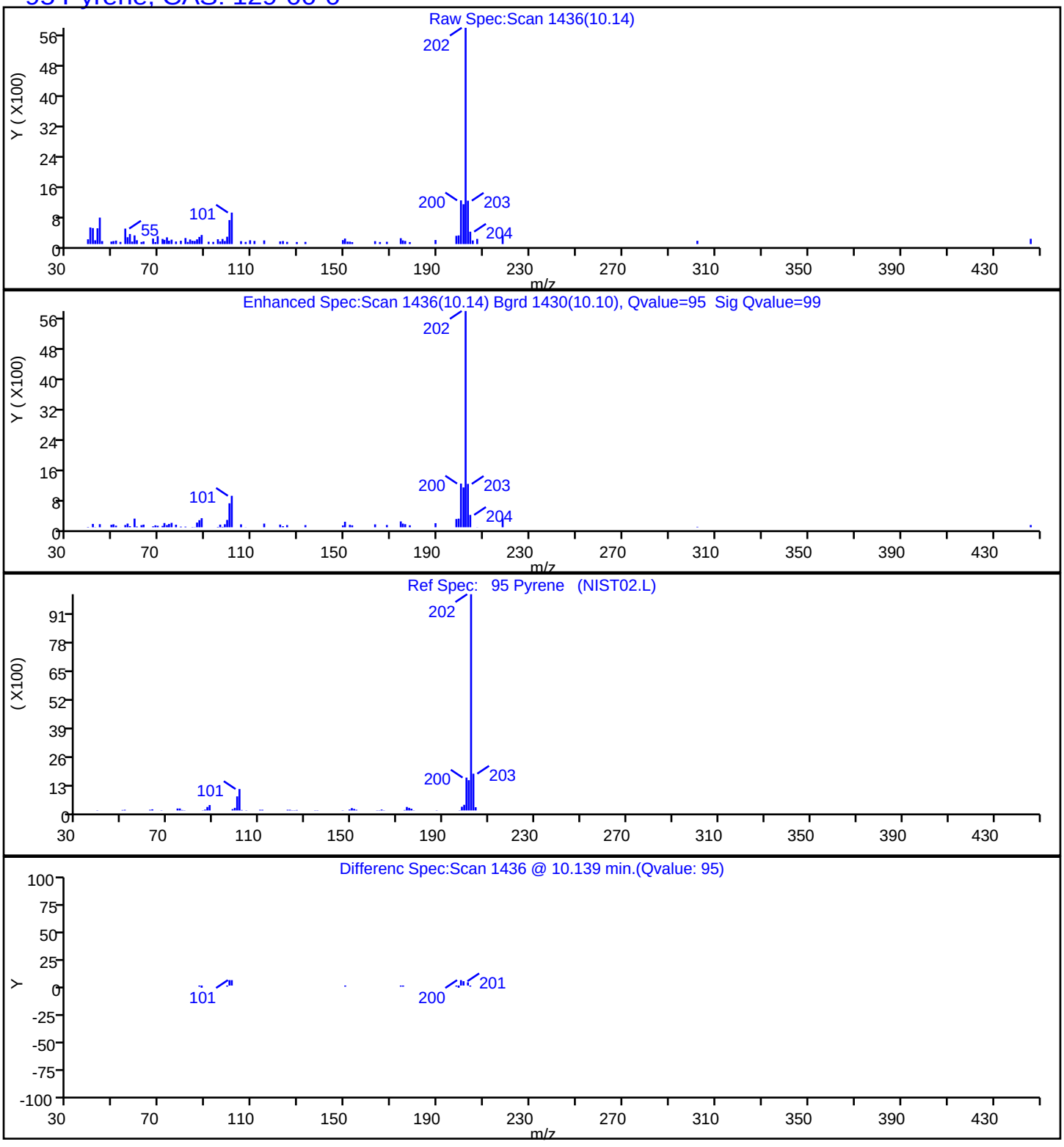
93 Fluoranthene, CAS: 206-44-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

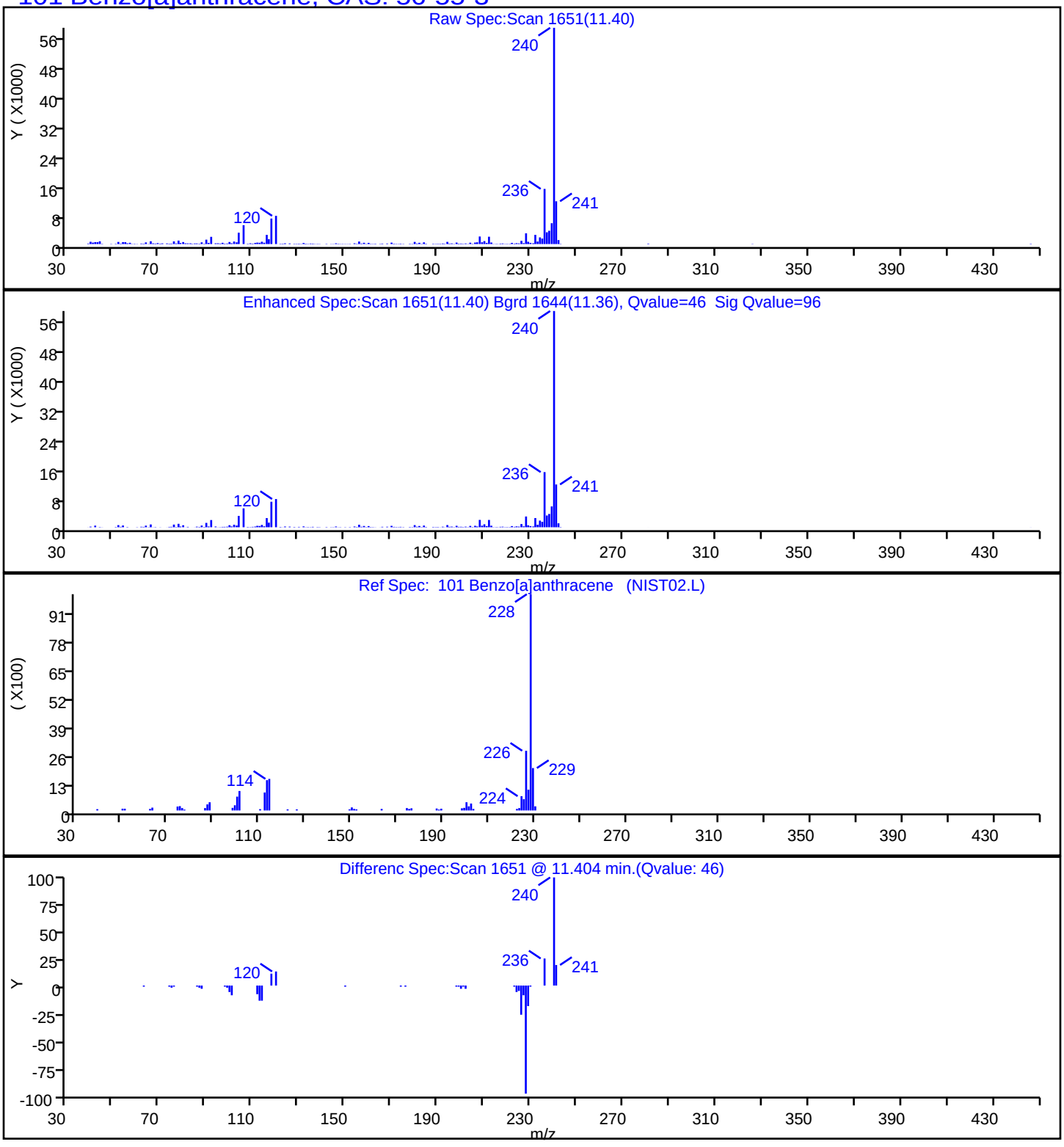
95 Pyrene, CAS: 129-00-0



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

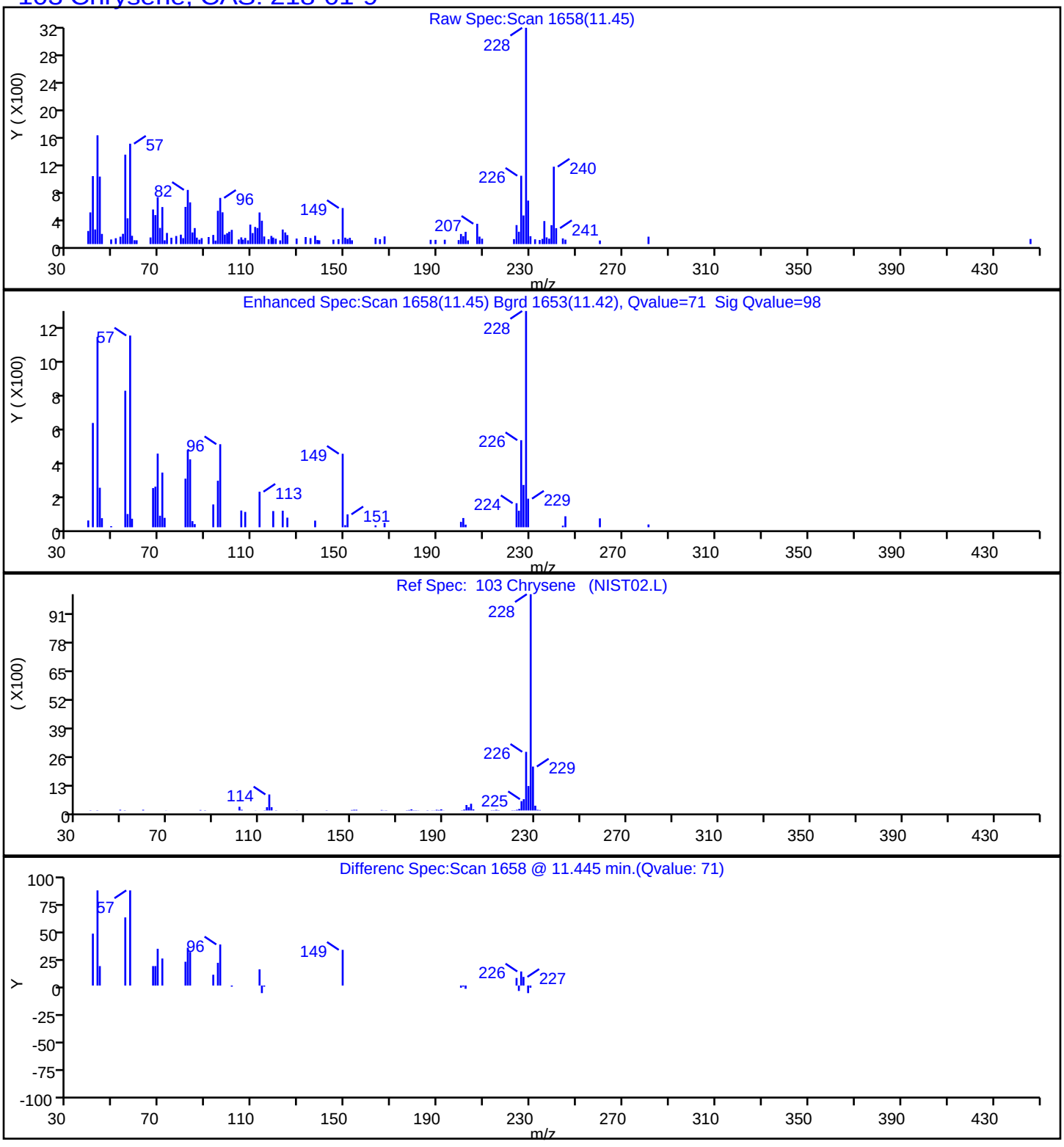
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

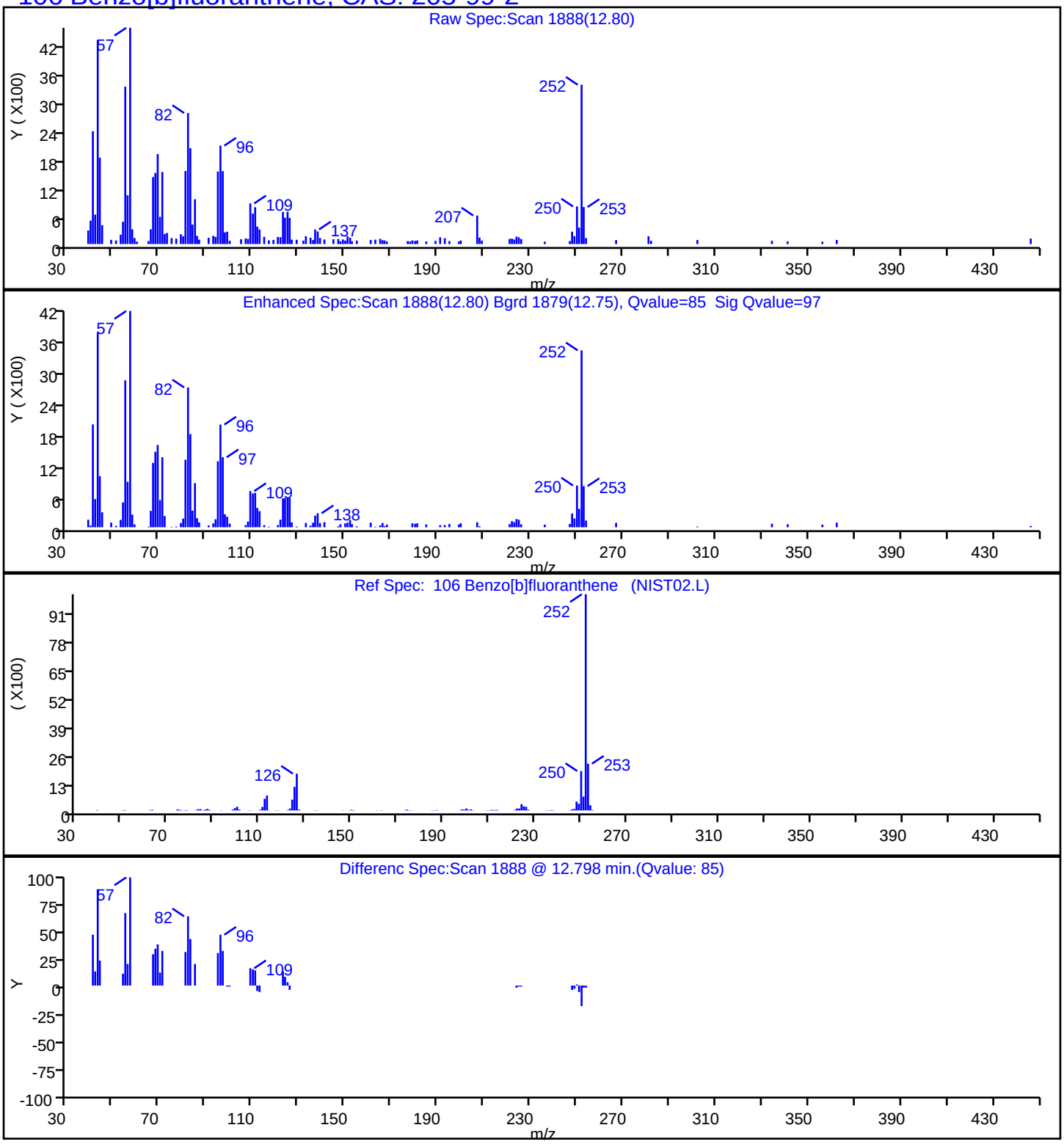
103 Chrysene, CAS: 218-01-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

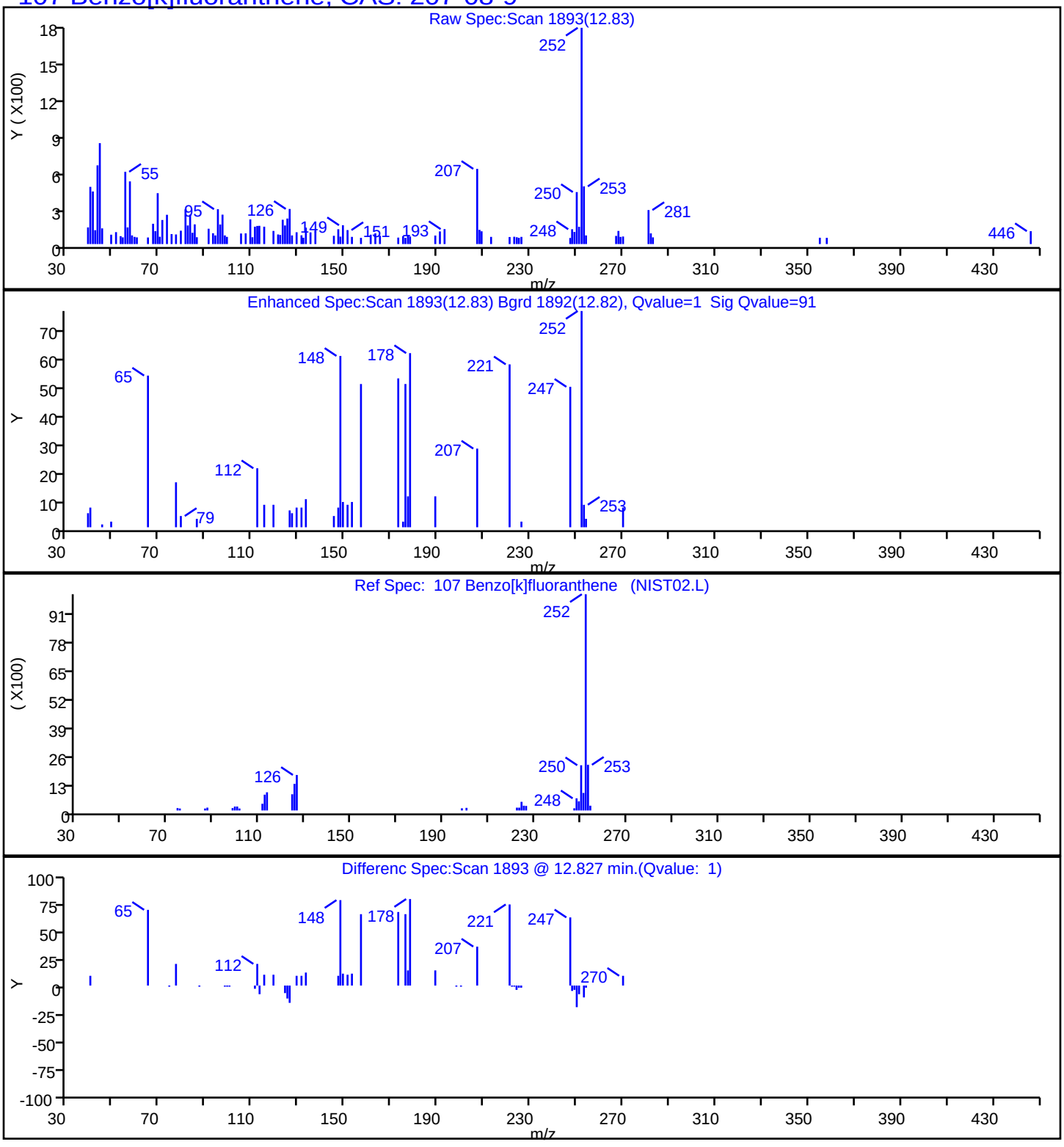
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

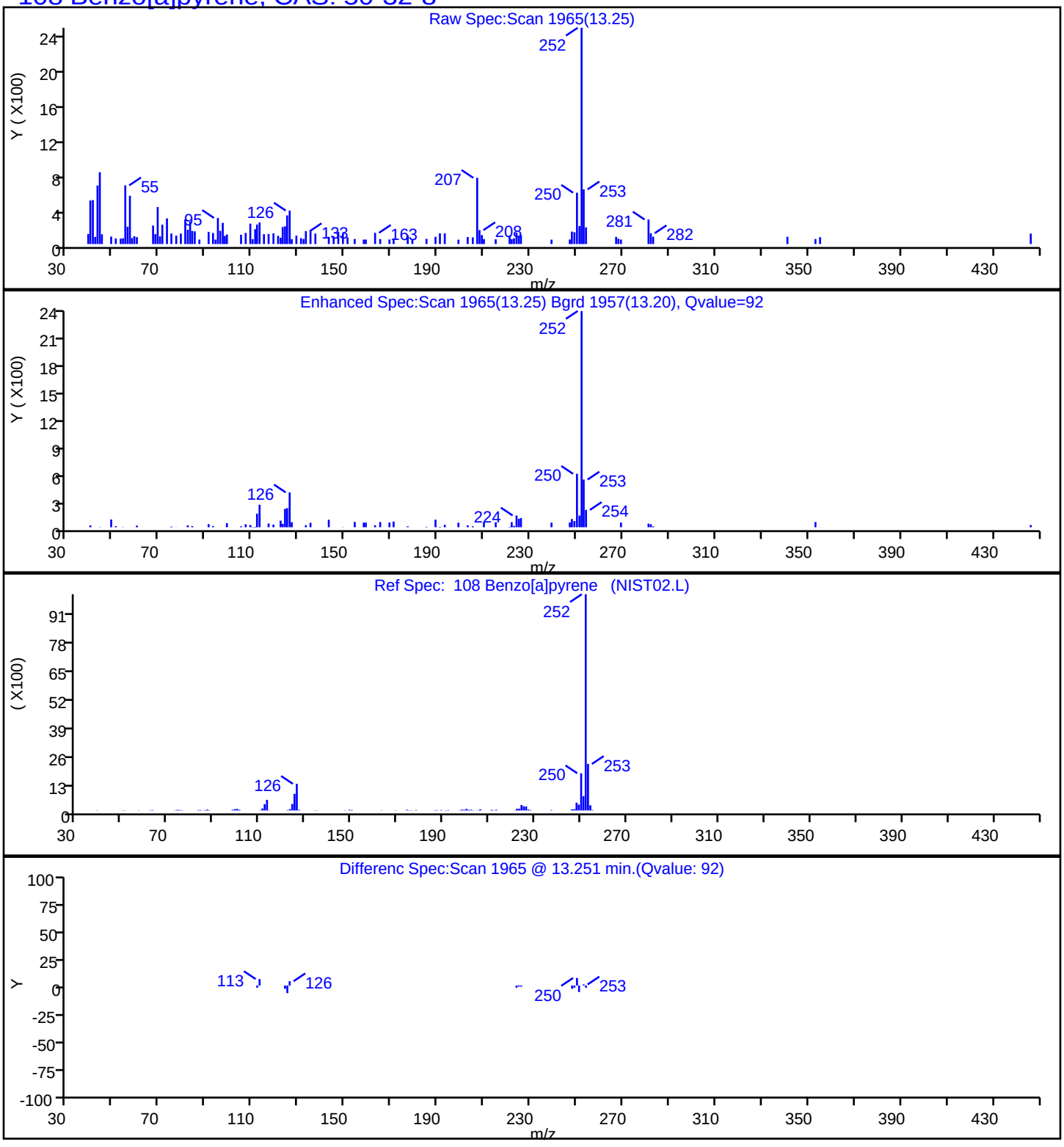
107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

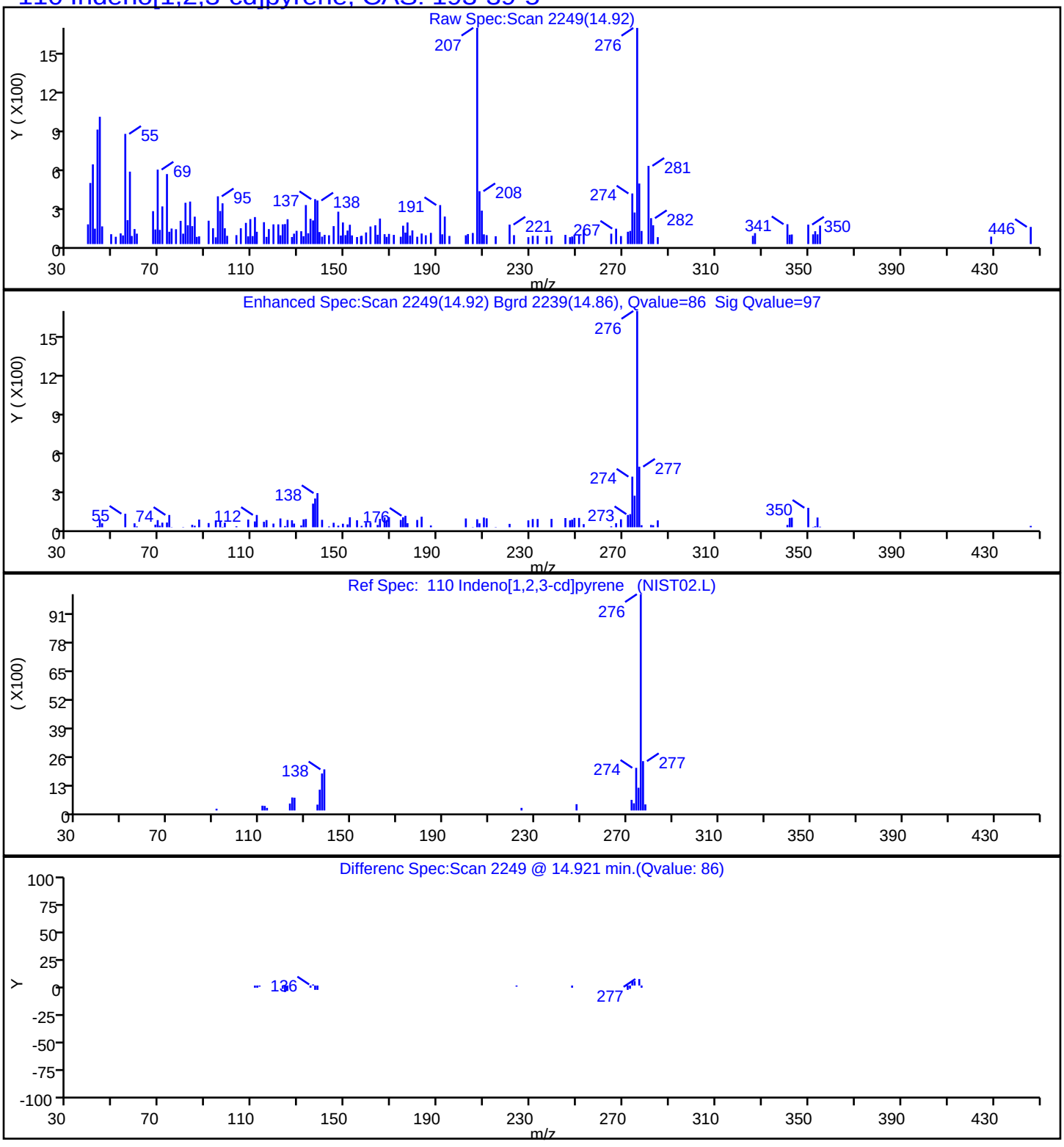
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

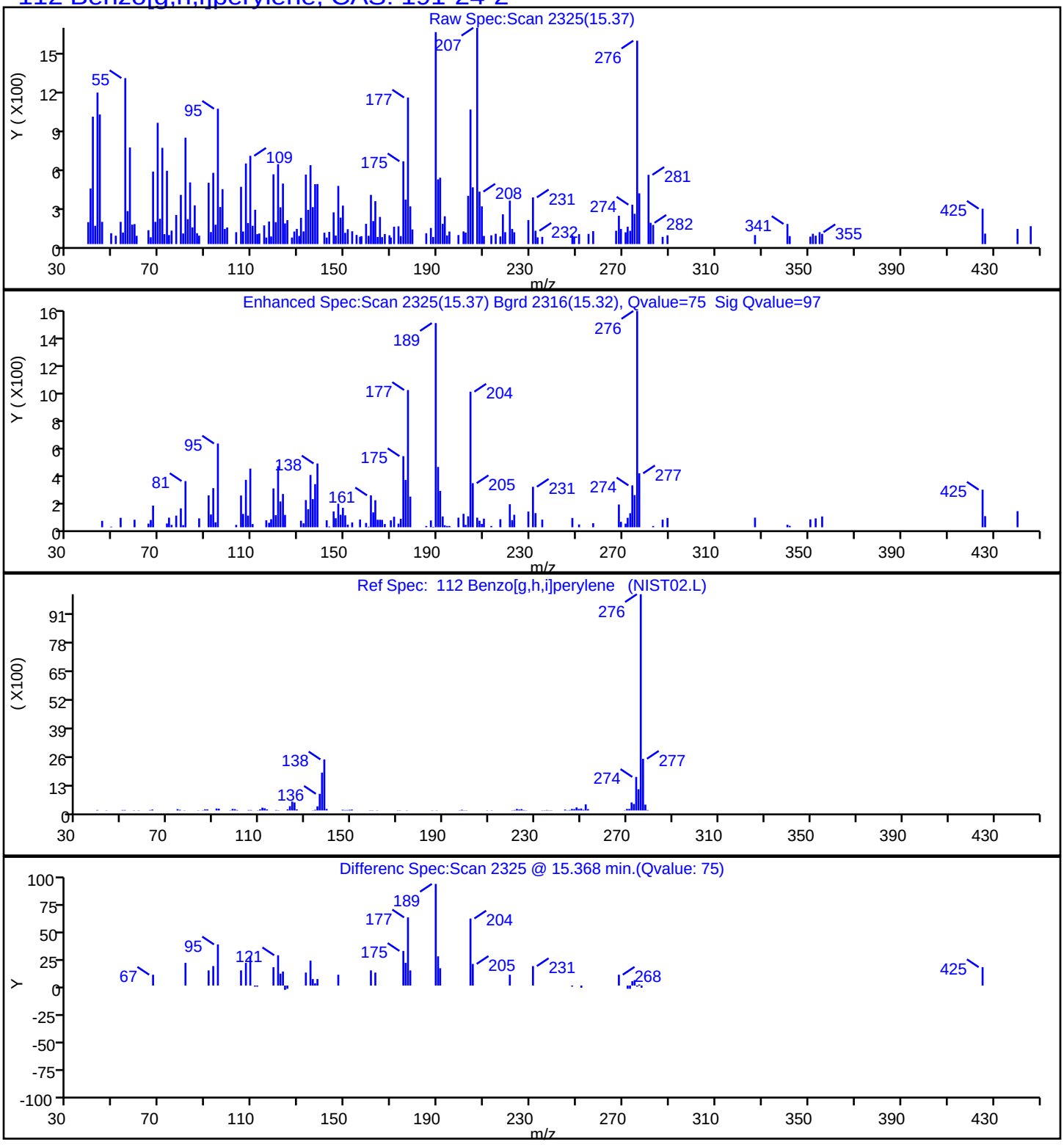
110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

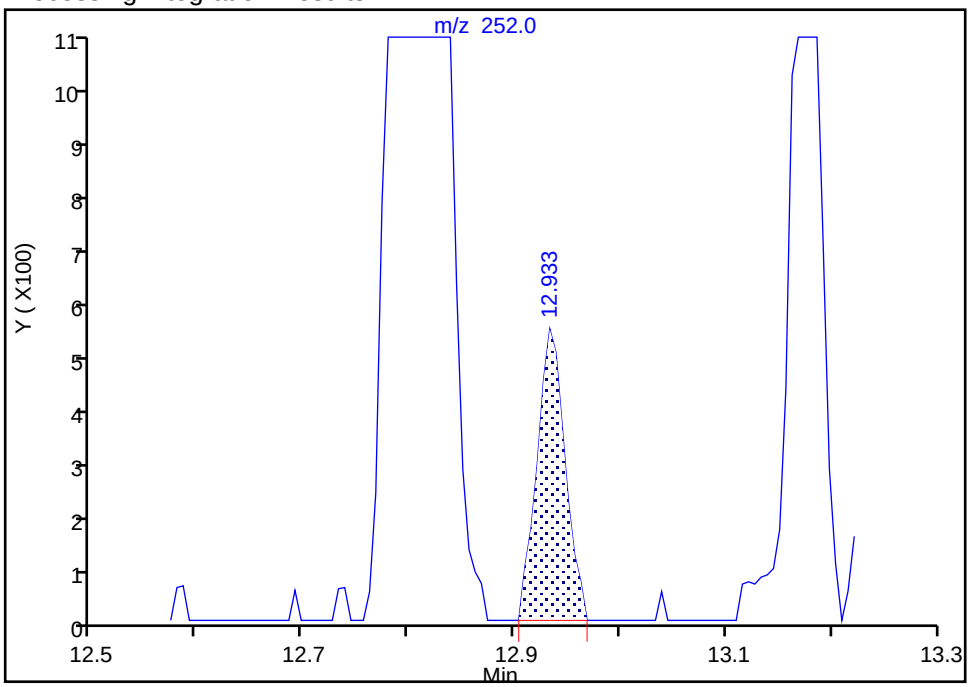
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d		
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9
Client ID:	HA-7		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

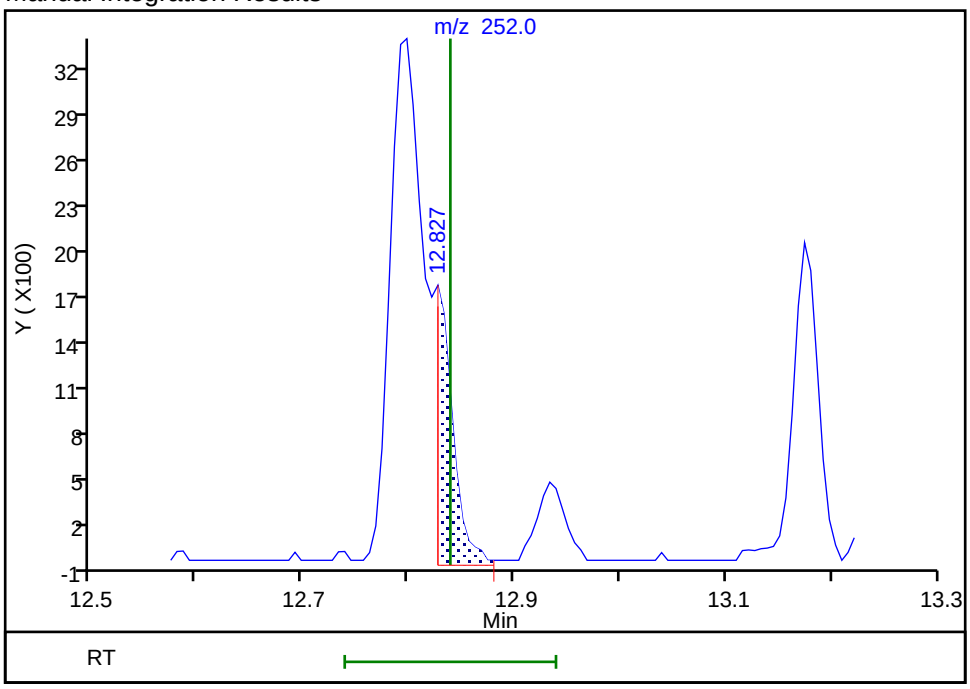
Processing Integration Results

RT: 12.93
Area: 932
Amount: 0.127071
Amount Units: ug/ml



Manual Integration Results

RT: 12.83
Area: 2081
Amount: 0.283728
Amount Units: ug/ml



Reviewer: eisam, 01-Nov-2021 23:30:21

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

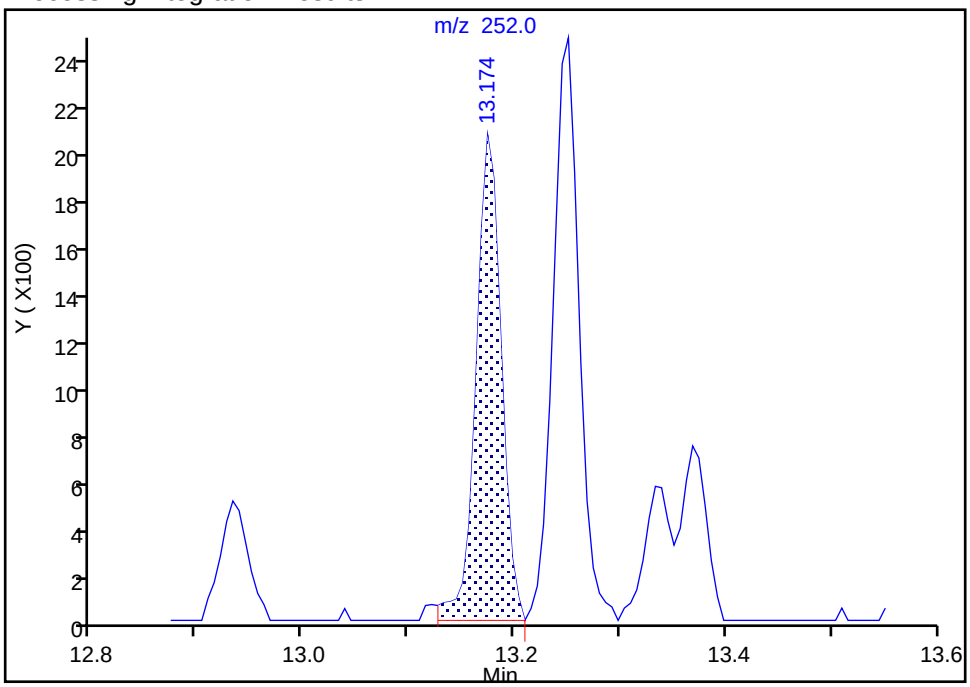
Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d		
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9
Client ID:	HA-7		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

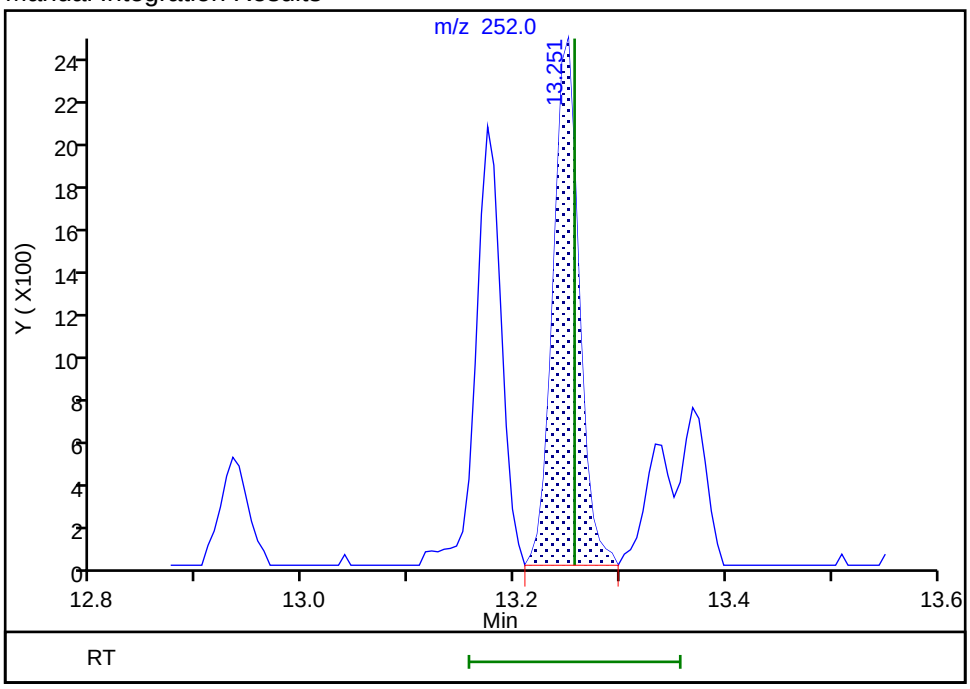
Processing Integration Results

RT: 13.17
Area: 3417
Amount: 0.502919
Amount Units: ug/ml



Manual Integration Results

RT: 13.25
Area: 4233
Amount: 0.623019
Amount Units: ug/ml

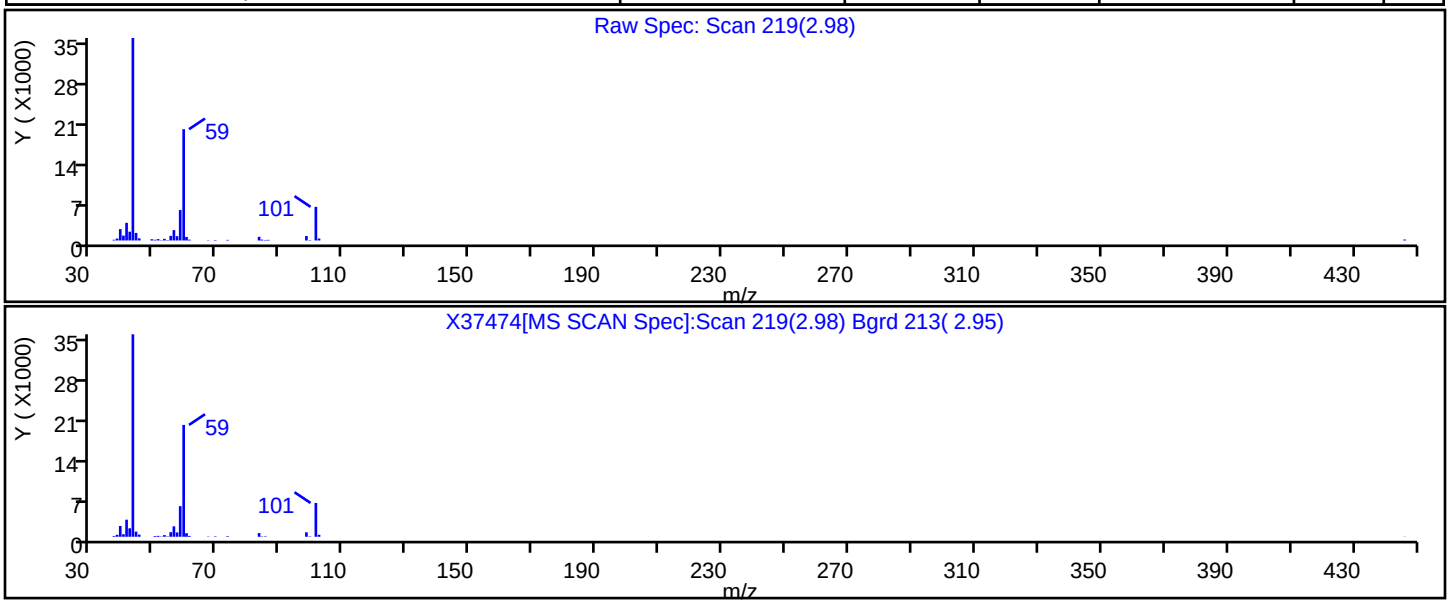


Reviewer: eisam, 01-Nov-2021 23:30:30
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d		
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9
Client ID:	HA-7		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_5R	Limit Group:	SV 8270E ICAL
Column:		Detector	MS SCAN

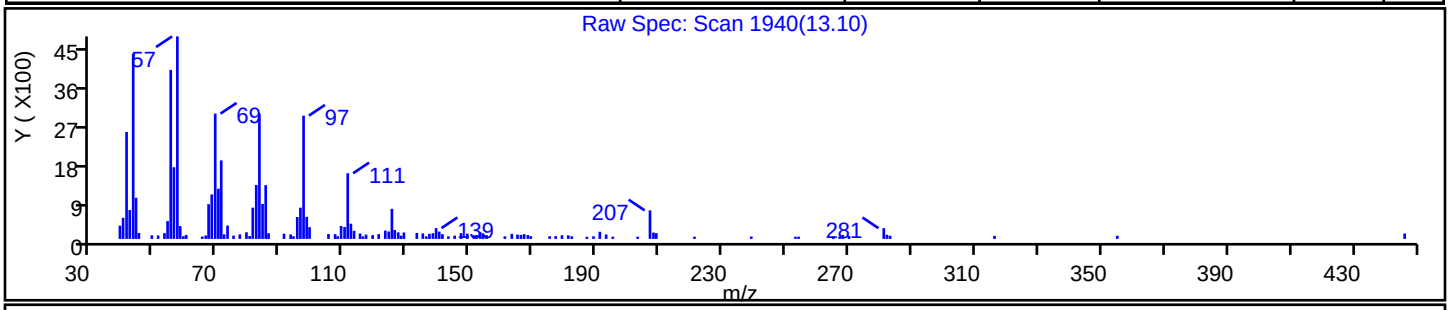
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						

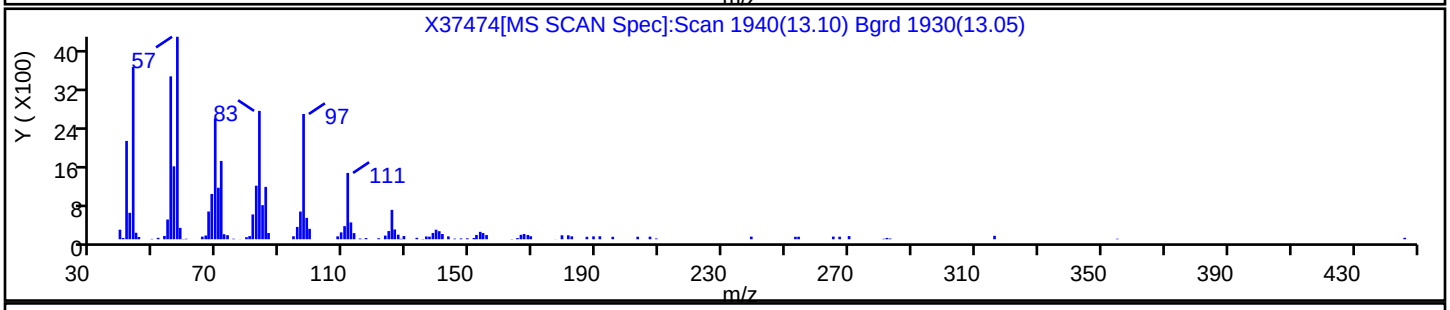


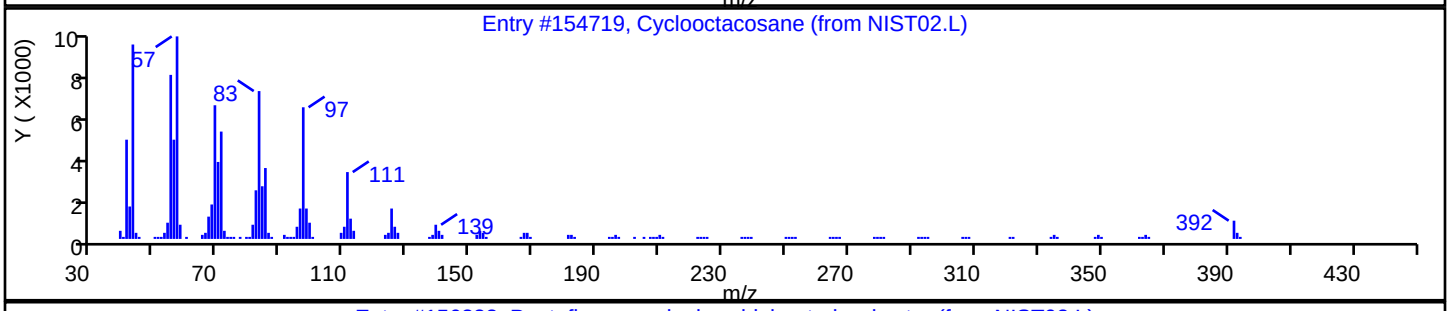
Eurofins TestAmerica, Edison

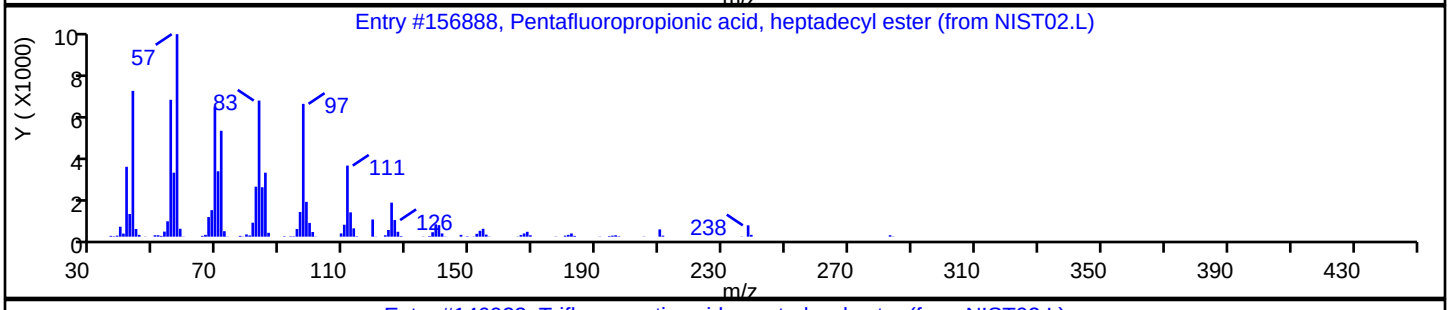
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d
Injection Date: 01-Nov-2021 17:48:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-9-C Lab Sample ID: 460-246210-9
Client ID: HA-7
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

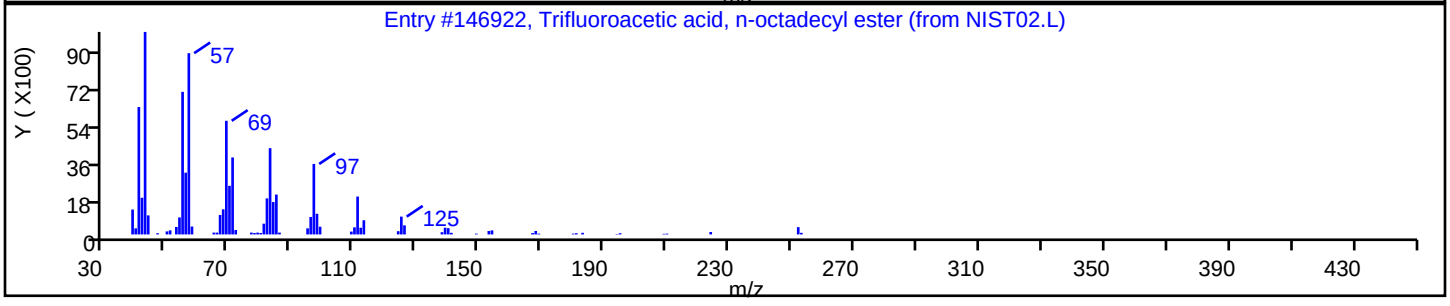
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Cyclooctacosane	297-24-5	NIST02.L	154719	C28H56	392	91
Pentafluoropropionic acid, heptadecyl ester	1000283-04-2	NIST02.L	156888	C20H35F5O2	402	91
Trifluoroacetic acid, n-octadecyl ester	79392-43-1	NIST02.L	146922	C20H37F3O2	366	90







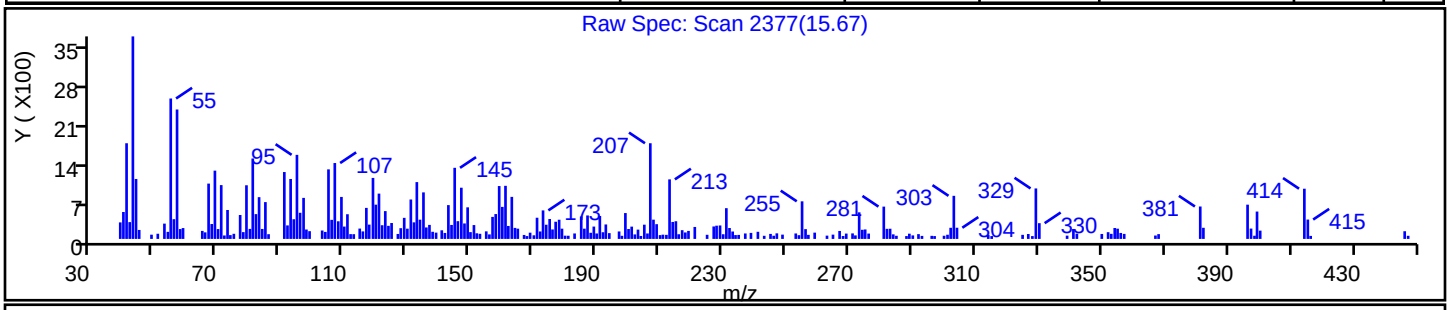


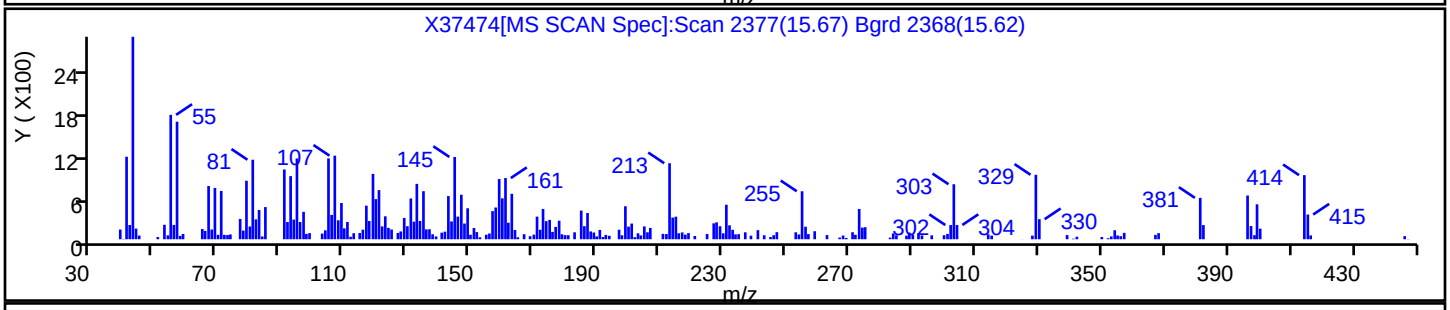


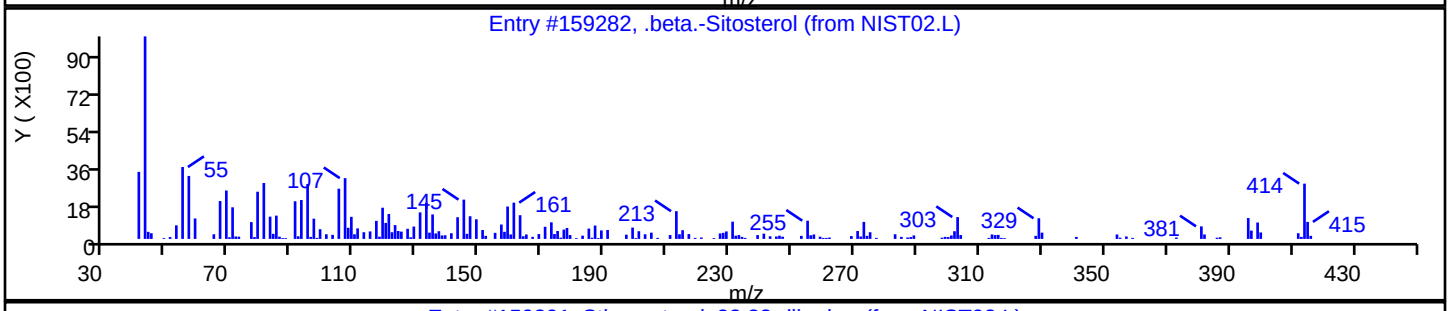
Eurofins TestAmerica, Edison

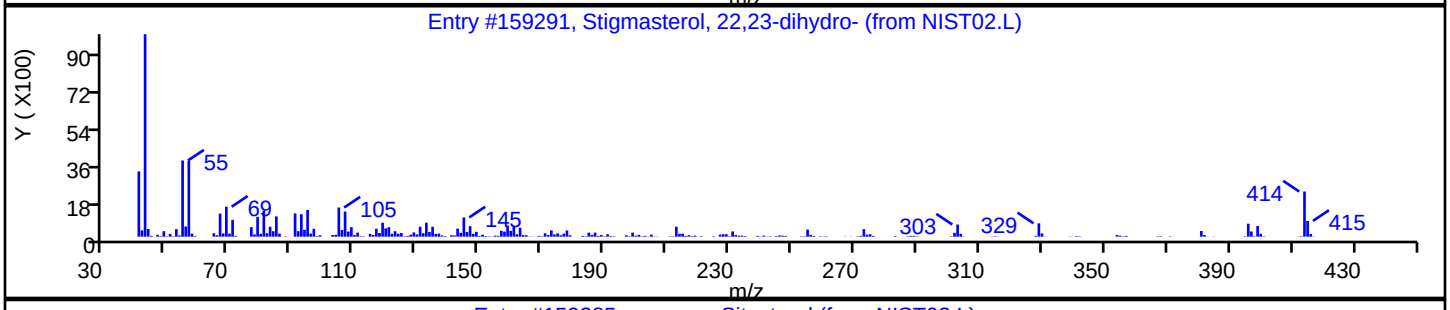
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d
Injection Date: 01-Nov-2021 17:48:30 Instrument ID: CBNAMS5
Lims ID: 460-246210-F-9-C Lab Sample ID: 460-246210-9
Client ID: HA-7
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

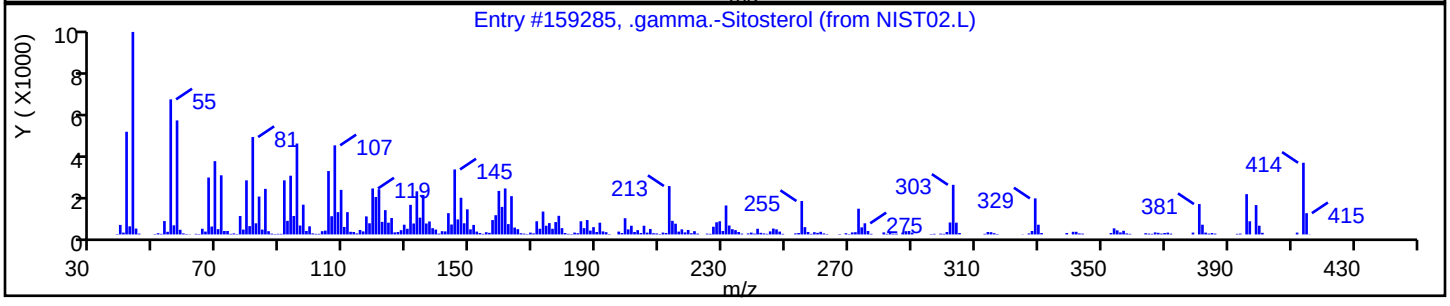
Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
.beta.-Sitosterol	83-46-5	NIST02.L	159282	C29H50O	414	99
Stigmasterol, 22,23-dihydro-	1000214-20-7	NIST02.L	159291	C29H50O	414	97
.gamma.-Sitosterol	83-47-6	NIST02.L	159285	C29H50O	414	95







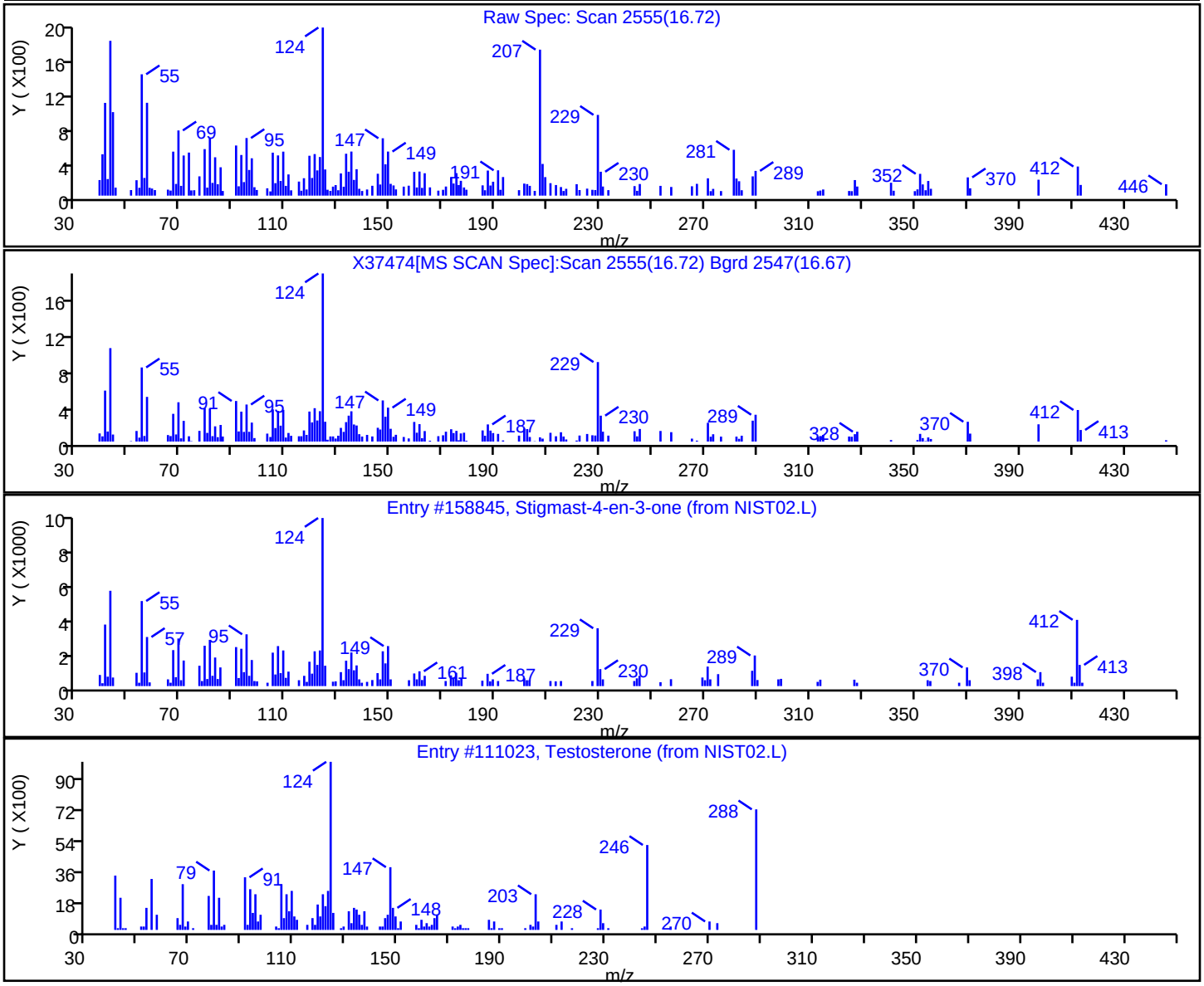




Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37474.d				
Injection Date:	01-Nov-2021 17:48:30	Instrument ID:	CBNAMS5		
Lims ID:	460-246210-F-9-C	Lab Sample ID:	460-246210-9		
Client ID:	HA-7				
Operator ID:		ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Stigmast-4-en-3-one	1058-61-3	NIST02.L	158845	C29H48O	412	99
Testosterone	58-22-0	NIST02.L	111023	C19H28O2	288	81



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-806532/10	f455724.D
Level 2	STD1 460-806532/9	f455723.D
Level 3	STD2 460-806532/8	f455722.D
Level 4	STD5 460-806532/7	f455721.D
Level 5	STD10 460-806532/6	f455720.D
Level 6	STD20 460-806532/5	f455719.D
Level 7	ICIS 460-806532/2	f455716.D
Level 8	STD80 460-806532/4	f455718.D
Level 9	STD120 460-806532/3	f455717.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.3962 0.5200	0.4536 0.5274	0.5036 0.5161	0.5406 0.5055	0.5107	Ave		0.4971			0.0100	9.0		20.0			
N-Nitrosodimethylamine	0.7357	0.7826	0.7705	0.7810 0.7543	0.7783	Ave		0.7671			0.0100	2.4		20.0			
Pyridine	1.2663	1.3509	1.3088	1.3408 1.2816	1.3224	Ave		1.3118			0.0100	2.5		20.0			
Benzaldehyde	1.1331	1.2171 +++++	1.1559 +++++	1.1443 +++++	1.1406	Ave		1.1582			0.0100	2.9		20.0			
Phenol	1.6166	1.6349	1.6620	1.6535 1.6513	1.6912	Ave		1.6516			0.8000	1.5		20.0			
Aniline	1.9962	2.0159	2.0469	2.0590 2.0044	2.0577	Ave		2.0300			0.0100	1.4		20.0			
Bis(2-chloroethyl)ether	1.3615 1.2976	1.3723 1.3223	1.3416 1.3322	1.3915 1.2928	1.3453	Ave		1.3397			0.7000	2.4		20.0			
2-Chlorophenol	1.3401	1.3407	1.3796	1.4083 1.3411	1.3993	Ave		1.3682			0.8000	2.3		20.0			
n-Decane	1.8592	1.9713	1.9122	2.0014 1.8504	1.9602	Ave		1.9258			0.0100	3.2		20.0			
1,3-Dichlorobenzene	1.4920	1.4993	1.5070	1.5572 1.4759	1.5565	Ave		1.5146			0.0100	2.3		20.0			
1,4-Dichlorobenzene	1.5049	1.5256	1.5411	1.6206 1.5042	1.5786	Ave		1.5458			0.0100	3.0		20.0			
Benzyl alcohol	0.8834	0.8957	0.9198	0.8955 0.8907	0.9121	Ave		0.8995			0.0100	1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4359	1.4298	1.4668	1.5266 1.4190	1.5185	Ave		1.4661			0.0100	3.2		20.0			
2-Methylphenol	1.1900	1.2084	1.2350	1.2258 1.1949	1.2369	Ave		1.2152			0.7000	1.7		20.0			
2,2'-oxybis[1-chloropropane]	2.3298	2.5069	2.3944	2.4152 2.3301	2.4932	Ave		2.4116			0.0100	3.2		20.0			
N-Methylaniline	2.1670	2.0229	2.2334	2.1560 2.2142	2.1414	Ave		2.1558			0.0100	3.4		20.0			
Acetophenone	1.9353	1.9352	1.9562	2.0609 1.9047	2.0418	Ave		1.9723			0.0100	3.2		20.0			
N-Nitrosodi-n-propylamine	0.8119 0.8614	0.8435 0.8632	0.8343 0.8816	0.8948 0.8592	0.9082	Ave		0.8620			0.5000	3.5		20.0			
3 & 4 Methylphenol	1.3803	1.3596	1.3958	1.4151 1.3613	1.4227	Ave		1.3891			0.0100	1.9		20.0			
4-Methylphenol	1.3803	1.3596	1.3958	1.4151 1.3613	1.4227	Ave		1.3891			0.6000	1.9		20.0			
Hexachloroethane	0.6547 0.5881	0.5767 0.5861	0.5789 0.6036	0.6333 0.5883	0.6191	Ave		0.6032			0.3000	4.5		20.0			
Nitrobenzene	0.5404 0.6477	0.6505 0.6429	0.6363 0.6662	0.6825 0.6396	0.6734	Ave		0.6422			0.2000	6.4		20.0			
n,n'-Dimethylaniline	2.2371 2.1421	2.2422 2.0929	2.1510 2.2032	2.1050 2.1532	2.0770	Ave		2.1560			0.0100	2.8		20.0			
Isophorone	0.6690	0.6864	0.6569 0.6851	0.6981 0.6742	0.6824	Ave		0.6789			0.4000	2.0		20.0			
2-Nitrophenol	0.1817	0.1754	0.1829	0.1760 0.1809	0.1798	Ave		0.1794			0.1000	1.7		20.0			
2,4-Dimethylphenol	0.2993	0.3050	0.3067	0.3043 0.3019	0.3166	Ave		0.3056			0.2000	2.0		20.0			
Bis(2-chloroethoxy)methane	0.4262	0.4278	0.4259	0.4423 0.4183	0.4449	Ave		0.4309			0.3000	2.4		20.0			
Benzoic acid	0.1997	0.2002	0.2314	0.1577 0.2329	0.1719	Ave		0.1990			0.0100	15.3		20.0			
2,4-Dichlorophenol	0.2882	0.2918	0.2700 0.2940	0.2942 0.2881	0.2949	Ave		0.2888			0.2000	3.0		20.0			
1,2,4-Trichlorobenzene	0.3156 0.3044	0.3077 0.3210	0.3092 0.3043	0.3322 0.3000	0.3192	Ave		0.3126			0.0100	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0214	1.0373	1.0309	1.0683 1.0053	1.0734	Ave		1.0394			0.7000	2.6		20.0			
4-Chloroaniline	0.4313	0.4326	0.4349	0.4624 0.4229	0.4496	Ave		0.4389			0.0100	3.3		20.0			
2,6-Dichlorophenol						None											
Hexachlorobutadiene	0.1869	0.1794 0.1857	0.1890 0.1858	0.1967 0.1850	0.1936	Ave		0.1878			0.0100	2.9		20.0			
Caprolactam	0.0953	0.0717 0.1164	0.0898 0.1324	0.0922 0.1313	0.0889	Qua	-0.026	0.0828	0.0016490		0.0100				0.9920		0.9900
4-Chloro-3-methylphenol	0.2950	0.3019	0.3018	0.2993 0.3001	0.3056	Ave		0.3006			0.2000	1.2		20.0			
2-Methylnaphthalene	0.6919	0.7008	0.7027	0.7375 0.6925	0.7387	Ave		0.7107			0.4000	3.0		20.0			
1-Methylnaphthalene	0.6396	0.6477	0.6418	0.6641 0.6400	0.6607	Ave		0.6490			0.0100	1.7		20.0			
Hexachlorocyclopentadiene	0.3831	0.4429	0.4235	0.3668 0.4211	0.3838	Ave		0.4035			0.0500	7.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.5539	0.6415	0.5784	0.6015 0.5609	0.6013	Ave		0.5896			0.0100	5.5		20.0			
2-tertbutyl-4-methylphenol	0.4293	0.4344	0.4444	0.4284 0.4486	0.4175	Ave		0.4338			0.0100	2.6		20.0			
2,4,6-Trichlorophenol	0.3756	0.4316	0.3693 0.3943	0.3892 0.3873	0.3744	Ave		0.3888			0.2000	5.4		20.0			
2,4,5-Trichlorophenol	0.4012	0.4529	0.4182	0.4052 0.4037	0.4265	Ave		0.4180			0.2000	4.7		20.0			
1,1'-Biphenyl	1.4454	1.6519	1.4813	1.5496 1.4516	1.5442	Ave		1.5207			0.0100	5.1		20.0			
2-Chloronaphthalene	1.1100	1.2599	1.1452	1.2035 1.0958	1.1828	Ave		1.1662			0.8000	5.3		20.0			
Phenyl ether	0.8137	0.8738	0.8441	0.8310 0.8367	0.8086	Ave		0.8346			0.0100	2.8		20.0			
2-Nitroaniline	0.4738	0.5274	0.4941	0.4687 0.4805	0.4787	Ave		0.4872			0.0100	4.4		20.0			
1,3-Dimethylnaphthalene	0.9293	1.0496	0.9575	0.9311 0.9437	0.9254	Ave		0.9561			0.0100	4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Coumarin	0.2558	0.2533	0.2613	0.2614 0.2614	0.2545	Ave		0.2580			0.0100	1.5		20.0			
Dimethyl phthalate	1.3003	1.4494	1.3183	1.3749 1.2682	1.3520	Ave		1.3439			0.0100	4.8		20.0			
2,6-Dinitrotoluene	0.2861	0.2625 0.3232	0.2638 0.2955	0.2803 0.2880	0.2974	Ave		0.2871			0.2000	6.8		20.0			
Acenaphthylene	1.8499	2.0020	1.8926	1.9107 1.8485	1.9343	Ave		1.9064			0.9000	3.0		20.0			
3-Nitroaniline	0.3290	0.3575	0.3289	0.3235 0.3169	0.3277	Ave		0.3306			0.0100	4.2		20.0			
Acenaphthene	1.0401	1.1725	1.0544	1.0960 1.0192	1.0773	Ave		1.0766			0.9000	5.0		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0104	1.0863	1.0313	1.0040 1.0170	1.0062	Ave		1.0259			0.0100	3.0		20.0			
2,4-Dinitrophenol	0.1671	0.1912	0.0884 0.1949	0.1337 0.1890	0.1592	Lin2	-0.421	0.1873			0.0100				0.9970		0.9900
4-Nitrophenol	0.2808	0.3121	0.2983	0.2702 0.2863	0.2863	Ave		0.2890			0.0100	5.0		20.0			
2,4-Dinitrotoluene	0.3829	0.3179 0.4363	0.3327 0.4030	0.3833 0.3877	0.3933	Ave		0.3796			0.2000	10.0		20.0			
Dibenzofuran	1.5928	1.7796	1.6108	1.6843 1.5565	1.6630	Ave		1.6478			0.8000	4.8		20.0			
2,3,4,6-Tetrachlorophenol	0.3293	0.3758	0.3463	0.3360 0.3343	0.3503	Ave		0.3454			0.0100	4.9		20.0			
Diethyl phthalate	1.3370	1.4914	1.3718	1.3816 1.3350	1.3986	Ave		1.3859			0.0100	4.1		20.0			
Fluorene	1.2746	1.4267	1.2985	1.3544 1.2575	1.3631	Ave		1.3291			0.9000	4.8		20.0			
4-Chlorophenyl phenyl ether	0.5952	0.6628	0.6009	0.6325 0.5826	0.6315	Ave		0.6176			0.4000	4.8		20.0			
4-Nitroaniline	0.3249	0.3498	0.3204	0.3221 0.3045	0.3360	Ave		0.3263			0.0100	4.7		20.0			
4,6-Dinitro-2-methylphenol	0.1162	0.1244	0.0820 0.1275	0.0998 0.1240	0.1148	Ave		0.1127			0.0100	14.5		20.0			
N-Nitrosodiphenylamine	0.5095	0.5391	0.5204	0.5262 0.5037	0.5366	Ave		0.5226			0.0100	2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.7243	0.7871	0.7445	0.7583 0.7266	0.7638	Ave		0.7507			0.0100	3.2		20.0			
4-Bromophenyl phenyl ether	0.2043	0.2256	0.2109	0.2214 0.2087	0.2159	Ave		0.2145			0.1000	3.7		20.0			
Hexachlorobenzene	0.2401 0.2607	0.2618 0.2723	0.2675 0.2614	0.2669 0.2566	0.2764	Ave		0.2626			0.1000	4.0		20.0			
Atrazine	0.2059	0.1952 0.2085	0.1957 0.2152	0.2030 0.2029	0.2007	Ave		0.2034			0.0100	3.3		20.0			
Pentachlorophenol	0.1593	0.1702	0.1317 0.1689	0.1510 0.1642	0.1624	Ave		0.1582			0.0500	8.4		20.0			
Pentachloronitrobenzene	0.1006	0.1043	0.1036	0.0976 0.1039	0.1011	Ave		0.1019			0.0100	2.5		20.0			
n-Octadecane	0.6922	0.7798	0.7388	0.6725 0.7245	0.7217	Ave		0.7216			0.0100	5.2		20.0			
Phenanthrene	1.0453	1.1051	1.0535	1.0921 1.0217	1.0872	Ave		1.0675			0.7000	3.0		20.0			
Anthracene	1.0679	1.1442	1.0820	1.0991 1.0604	1.1188	Ave		1.0954			0.7000	2.9		20.0			
Carbazole	0.9892	1.0352	1.0026	1.0069 0.9689	1.0436	Ave		1.0077			0.0100	2.8		20.0			
Di-n-butyl phthalate	1.2221	1.3366	1.2803	1.2161 1.2533	1.2515	Ave		1.2600			0.0100	3.5		20.0			
Fluoranthene	1.1095	1.2346	1.1477	1.1200 1.1275	1.1464	Ave		1.1476			0.6000	3.9		20.0			
Benzidine	0.6550	0.6338	0.7087	0.6299 0.6883	0.6473	Ave		0.6605			0.0100	4.8		20.0			
Pyrene	1.2242	1.3204	1.2362	1.2426 1.2034	1.2625	Ave		1.2482			0.6000	3.2		20.0			
Bisphenol-A	0.5545	0.5920	0.5727	0.5199 0.5566	0.5513	Ave		0.5578				4.3		20.0			
Butyl benzyl phthalate	0.5389	0.6126	0.5849	0.5048 0.5777	0.5518	Ave		0.5618			0.0100	6.8		20.0			
2,3,7,8-TCDD		0.2102				Ave		0.2102			0.0100			20.0			
Carbamazepine	0.5030	0.5421	0.5598	0.3985 0.5638	0.4573	Ave		0.5041			0.0100	13.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4565	0.5001	0.3978 0.4714	0.4196 0.4514	0.4312	Ave		0.4469			0.0100	7.6		20.0			
Benzo[a]anthracene	1.2523 1.1551	1.1828 1.2273	1.1129 1.1895	1.1724 1.1561	1.1752	Ave		1.1804			0.8000	3.5		20.0			
Chrysene	1.1710	1.2592	1.1593	1.2440 1.1165	1.2459	Ave		1.1993			0.7000	4.9		20.0			
Bis(2-ethylhexyl) phthalate	0.8281	0.9221	0.8759	0.7721 0.8610	0.8223	Ave		0.8469			0.0100	6.1		20.0			
Di-n-octyl phthalate	1.2743	1.4823	1.4040	1.1550 1.4036	1.2706	Ave		1.3316			0.0100	9.0		20.0			
Benzo[b]fluoranthene	0.8013 1.0243	0.8348 1.1299	0.9090 1.1299	1.0009 1.1898	1.0127	Ave		1.0036			0.7000	13.4		20.0			
Benzo[k]fluoranthene	0.9323 1.2025	1.0990 1.3310	1.1219 1.1897	1.2228 1.1244	1.2253	Ave		1.1610			0.7000	9.6		20.0			
Benzo[a]pyrene	0.7745 1.0362	0.8023 1.1837	0.9059 1.1058	0.9939 1.0988	1.0479	Ave		0.9944			0.7000	14.1		20.0			
Indeno[1,2,3-cd]pyrene	0.4762 0.8975	0.5556 1.0884	0.6210 1.0431	0.7491 1.0666	0.8316	Qua2	-0.1966	0.8103	0.0027656						0.9920		0.9900
Dibenz(a,h)anthracene	0.6806 0.9859	0.7812 1.1110	0.8597 1.1125	0.9133 1.1127	0.9898	Ave		0.9496			0.4000	16.3		20.0			
Benzo[g,h,i]perylene	1.0702	1.1833	1.1213	1.0611 1.1180	1.0839	Ave		1.1063			0.5000	4.1		20.0			
2-Fluorophenol	1.3331	1.4553 1.2529	1.6355 1.3263	1.3225 1.3084	1.2485	Ave		1.3603			0.0100	9.4		20.0			
Phenol-d5	1.7564 1.6898	1.6773 1.5615	2.0158 1.6830	1.6467 1.6603	1.5774	Ave		1.6965			0.0100	7.9		20.0			
Nitrobenzene-d5	0.4440 0.4026	0.4312 0.3689	0.4745 0.3985	0.4010 0.3944	0.3704	Ave		0.4095			0.0100	8.4		20.0			
2-Fluorobiphenyl	1.5848 1.4116	1.5891 1.4731	1.7932 1.4222	1.4336 1.3885	1.3331	Ave		1.4921			0.0100	9.5		20.0			
2,4,6-Tribromophenol	0.2742	0.2773 0.2791	0.3262 0.2825	0.2653 0.2798	0.2508	Ave		0.2794			0.0100	7.7		20.0			
Terphenyl-d14	1.0476 1.0124	1.1159 1.0101	1.2219 1.0138	1.0172 0.9916	0.9551	Ave		1.0428			0.0100	7.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-806532/10	f455724.D
Level 2	STD1 460-806532/9	f455723.D
Level 3	STD2 460-806532/8	f455722.D
Level 4	STD5 460-806532/7	f455721.D
Level 5	STD10 460-806532/6	f455720.D
Level 6	STD20 460-806532/5	f455719.D
Level 7	ICIS 460-806532/2	f455716.D
Level 8	STD80 460-806532/4	f455718.D
Level 9	STD120 460-806532/3	f455717.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	610	1394	3136	8201	15929	0.500	1.00	2.00	5.00	10.0
			32255	85508	125461	187175		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				11848	24275				5.00	10.0
			45633	126886	187289	279269		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave				40681	82488				10.0	20.0
			157079	438040	636305	949041		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		3740	7198	17360	35575		1.00	2.00	5.00	10.0
			56221	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				25084	52745				5.00	10.0
			100267	265054	403990	611394		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				31236	64178				5.00	10.0
			123810	326826	497562	742126		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	2096	4217	8354	21109	41959	0.500	1.00	2.00	5.00	10.0
			80480	214375	323838	478668		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				21365	43641				5.00	10.0
			83117	217362	335358	496559		20.0	50.0	80.0	120	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	115316	319589	464809	30362 685133	61136	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	92542	243068	366311	23623 546448	48545	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	93337	247332	374620	24585 556942	49236	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	54791	145209	223584	13585 329799	28446	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	89060	231813	356559	23159 525400	47360	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	73805	195914	300214	18595 442421	38578	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	144501	406438	582034	36639 862729	77759	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	134405	327965	542890	32707 819830	66789	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	120036	313740	475511	31264 705219	63682	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	1250 53429	2592 139950	5195 214309	13574 318143	28327	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	85610	220430	339296	21467 504046	44373	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	85610	220430	339296	21467 504046	44373	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	1008 36475	1772 95014	3605 146716	9608 217806	19308	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	832 40173	1999 104230	3962 161950	10354 236811	21002	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	3444 132861	6890 339306	13394 535564	31933 797248	64778	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	160285	421064	15717 645901	40823 951854	82167	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	43546	107596	172398	10291 255351	21653	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	71707	187088	289169	17794 426249	38125	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	102107	262415	401583	25863 590509	53571	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Ave	47856	122802	218183	9219 328839	20702	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	69049	179008	6460 277230	17203 406767	35514	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	1868 72934	3635 196944	7399 286863	19423 423460	38435	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	244731	636299	971930	62468 1419225	129250	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	103331	265398	410023	27039 597003	54134	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol		None	68754	177122	6422 271140	17486 397783	35157	20.0	50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	44772	2120 113904	4522 175178	11502 261141	23310	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Qua	18267	847 28557	2148 37458	5390 49429	10710	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	70674	185213	284547	17499 423595	36793	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				43125	88950				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			165784	429910	662547	977668		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	153255	397312	605102	38835 903498	79560	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	52828	139002	225911	12304 339170	26341	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	76387	201327	308579	20177 451745	41267	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	102872	266501	419000	25049 633252	50276	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	51796	135466	4993 210350	13054 311960	25698	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	55324	142151	223101	13593 325161	29272	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	199328	518466	790237	51982 1169105	105977	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	153069	395425	610931	40371 882560	81177	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	112209	274230	450318	27875 673855	55491	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	65344	165520	263613	15723 387000	32852	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	128146	329418	510796	31234 760060	63507	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	61296	155385	246403	15286 369050	30642	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	179317	454894	703295	46122 1021406	92784	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	39459	1755 101429	3566 157661	9404 231991	20411	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	255103	628333	1009671	64095 1488793	132752	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	45366	112210	175456	10853 255241	22491	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	143435	367989	562517	36766 820890	73934	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave				33678	69054				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			139342	340928	550169	819079		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin2			2389	8970	21850			4.00	10.0	20.0
			46080	120018	207921	304399		40.0	100	160	240	
4-Nitrophenol	ANT	Ave				18125	39298				10.0	20.0
			77439	195884	318230	461105		40.0	100	160	240	
2,4-Dinitrotoluene	ANT	Ave		2125	4497	12858	26992		1.00	2.00	5.00	10.0
			52802	136930	214981	312284		20.0	50.0	80.0	120	
Dibenzofuran	ANT	Ave				56499	114130				5.00	10.0
			219651	558526	859325	1253602		20.0	50.0	80.0	120	
2,3,4,6-Tetrachlorophenol	ANT	Ave				11272	24044				5.00	10.0
			45415	117940	184760	269282		20.0	50.0	80.0	120	
Diethyl phthalate	ANT	Ave				46346	95987				5.00	10.0
			184380	468068	731825	1075206		20.0	50.0	80.0	120	
Fluorene	ANT	Ave				45434	93547				5.00	10.0
			175772	447778	692719	1012806		20.0	50.0	80.0	120	
4-Chlorophenyl phenyl ether	ANT	Ave				21216	43340				5.00	10.0
			82080	208020	320580	469212		20.0	50.0	80.0	120	
4-Nitroaniline	ANT	Ave				10806	23061				5.00	10.0
			44806	109790	170944	245264		20.0	50.0	80.0	120	
4,6-Dinitro-2-methylphenol	PHN	Ave			4057	12233	28600			4.00	10.0	20.0
			58189	148914	247986	362858		40.0	100	160	240	
N-Nitrosodiphenylamine	PHN	Ave				32260	66856				5.00	10.0
			127580	322523	505940	737093		20.0	50.0	80.0	120	
1,2-Diphenylhydrazine	PHN	Ave				46483	95151				5.00	10.0
			181368	470896	723767	1063263		20.0	50.0	80.0	120	
4-Bromophenyl phenyl ether	PHN	Ave				13574	26892				5.00	10.0
			51161	134973	205081	305372		20.0	50.0	80.0	120	
Hexachlorobenzene	PHN	Ave	1474	3201	6615	16360	34430	0.500	1.00	2.00	5.00	10.0
			65290	162894	254093	375414		20.0	50.0	80.0	120	
Atrazine	PHN	Ave		2387	4838	12446	25003		1.00	2.00	5.00	10.0
			41248	49895	62772	79178		16.0	20.0	24.0	32.0	
Pentachlorophenol	PHN	Ave			6511	18510	40476			4.00	10.0	20.0
			79773	203709	328378	480439		40.0	100	160	240	
Pentachloronitrobenzene	PHN	Ave				5985	12600				5.00	10.0
			25187	62376	100736	151995		20.0	50.0	80.0	120	
n-Octadecane	PHN	Ave				41224	89916				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/12/2021 10:24 Calibration End Date: 10/12/2021 12:42 Calibration ID: 87635

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			173327	466565	718236	1060126		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave	261750	661164	1024252	66946 1495009	135450	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	267403	684538	1051898	67375 1551710	139376	20.0	50.0	80.0	5.00 120	10.0
Carbazole	PHN	Ave	247693	619339	974759	61725 1417772	130014	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	306018	799676	1244761	74552 1833994	155914	20.0	50.0	80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	277810	738673	1115786	68656 1649820	142818	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	164011	379184	688957	38614 1007207	80643	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	293947	746353	1156133	72283 1686997	150074	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	133159	334635	535655	30241 780231	65529	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	129391	346278	547077	29366 809842	65593	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		1188					0.500			
Carbamazepine	CRY	Ave	120792	306446	523544	23181 790392	54357	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	109612	282698	9281 440909	24409 632817	51257	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	7115 277354	13467 693743	25964 1112528	68197 1620700	139701	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	281189	711780	1084276	72362 1565182	148104	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	198837	521242	819225	44914 1207091	97746	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	323053	884689	1393121	70436 2070663	160109	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	4759 259668	10008 674362	22261 1121156	61039 1755167	127614	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	5537	13176	27476	74570	154394	0.500	1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 806532

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ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			304844	794393	1180435	1658671		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	4600	9619	22187	60615	132048	0.500	1.00	2.00	5.00	10.0
			262696	706462	1097213	1620979		20.0	50.0	80.0	120	
Indeno[1,2,3-cd]pyrene	PRY	Qua2	2828	6661	15209	45686	104784	0.500	1.00	2.00	5.00	10.0
			227540	649616	1035061	1573441		20.0	50.0	80.0	120	
Dibenz(a,h)anthracene	PRY	Ave	4042	9366	21054	55694	124721	0.500	1.00	2.00	5.00	10.0
			249933	663084	1103830	1641486		20.0	50.0	80.0	120	
Benzo[g,h,i]perylene	PRY	Ave				64711	136580				5.00	10.0
			271305	706251	1112619	1649317		20.0	50.0	80.0	120	
2-Fluorophenol	DCBd 4	Ave		4472	10184	20063	38938		1.00	2.00	5.00	10.0
			82681	203126	322400	484436		20.0	50.0	80.0	120	
Phenol-d5	DCBd 4	Ave	2704	5154	12552	24981	49196	0.500	1.00	2.00	5.00	10.0
			104806	253153	409104	614753		20.0	50.0	80.0	120	
Nitrobenzene-d5	NPT	Ave	2628	5095	11353	23445	44602	0.500	1.00	2.00	5.00	10.0
			96452	226319	375719	556762		20.0	50.0	80.0	120	
2-Fluorobiphenyl	ANT	Ave	5331	10624	24242	48089	91487	0.500	1.00	2.00	5.00	10.0
			194665	462346	758720	1118317		20.0	50.0	80.0	120	
2,4,6-Tribromophenol	ANT	Ave		1854	4410	8898	17214		1.00	2.00	5.00	10.0
			37808	87598	150706	225348		20.0	50.0	80.0	120	
Terphenyl-d14	CRY	Ave	5952	12705	28507	59171	113537	0.500	1.00	2.00	5.00	10.0
			243101	570971	948163	1390097		20.0	50.0	80.0	120	

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455716.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 12-Oct-2021 10:24:26 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:23:32 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 10:47:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.536	1.536	0.000	89	85508	50.0	53.0	
2 N-Nitrosodimethylamine	74	1.651	1.651	0.000	79	126886	50.0	51.0	
3 Pyridine	79	1.671	1.671	0.000	76	438040	100.0	103.0	
$ 5 2-Fluorophenol	112	2.312	2.312	0.000	90	203126	50.0	46.1	
7 Benzaldehyde	77	2.894	2.894	0.000	89	33301	20.0	8.87	
$ 8 Phenol-d5	99	2.935	2.935	0.000	99	253153	50.0	46.0	
9 Phenol	94	2.947	2.947	0.000	96	265054	50.0	49.5	
10 Aniline	93	2.970	2.970	0.000	37	326826	50.0	49.7	a
11 Bis(2-chloroethyl)ether	93	3.023	3.023	0.000	87	214375	50.0	49.4	
12 2-Chlorophenol	128	3.056	3.056	0.000	65	217362	50.0	49.0	
13 n-Decane	43	3.106	3.106	0.000	91	319589	50.0	51.2	
14 1,3-Dichlorobenzene	146	3.171	3.171	0.000	94	243068	50.0	49.5	
* 15 1,4-Dichlorobenzene-d4	152	3.212	3.212	0.000	90	129700	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.224	3.224	0.000	90	247332	50.0	49.3	
17 Benzyl alcohol	108	3.316	3.316	0.000	90	145209	50.0	49.8	
18 1,2-Dichlorobenzene	146	3.336	3.336	0.000	90	231813	50.0	48.8	
19 2-Methylphenol	108	3.398	3.398	0.000	83	195914	50.0	49.7	
20 2,2'-oxybis[1-chloropropane]	45	3.428	3.428	0.000	56	406438	50.0	52.0	
130 N-Methylaniline	106	3.511	3.511	0.000	93	327965	50.0	46.9	a
21 Acetophenone	105	3.519	3.519	0.000	86	313740	50.0	49.1	
22 4-Methylphenol	108	3.522	3.522	0.000	61	220430	50.0	48.9	
23 3 & 4 Methylphenol	108	3.522	3.522	0.000	79	220430	50.0	48.9	
24 N-Nitrosodi-n-propylamine	70	3.528	3.528	0.000	83	139950	50.0	50.1	
25 Hexachloroethane	117	3.593	3.593	0.000	95	95014	50.0	48.6	
$ 26 Nitrobenzene-d5	82	3.629	3.629	0.000	93	226319	50.0	45.0	
27 Nitrobenzene	123	3.643	3.643	0.000	89	104230	50.0	50.1	
28 n,n'-Dimethylaniline	120	3.649	3.649	0.000	73	339306	50.0	48.5	
29 Isophorone	82	3.835	3.835	0.000	98	421064	50.0	50.6	
30 2-Nitrophenol	139	3.885	3.885	0.000	83	107596	50.0	48.9	
31 2,4-Dimethylphenol	122	3.930	3.930	0.000	89	187088	50.0	49.9	
32 Bis(2-chloroethoxy)methane	93	4.009	4.009	0.000	93	262415	50.0	49.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.033	4.033	0.000	87	122802	50.0	50.3	
34 2,4-Dichlorophenol	162	4.071	4.071	0.000	93	179008	50.0	50.5	
35 1,2,4-Trichlorobenzene	180	4.136	4.136	0.000	94	196944	50.0	51.3	
* 36 Naphthalene-d8	136	4.178	4.178	0.000	99	490755	40.0	40.0	
37 Naphthalene	128	4.195	4.195	0.000	99	636299	50.0	49.9	
38 4-Chloroaniline	127	4.243	4.243	0.000	91	265398	50.0	49.3	
39 Hexachlorobutadiene	225	4.299	4.299	0.000	94	113904	50.0	49.4	
40 Caprolactam	113	4.558	4.558	0.000	83	28557	20.0	20.3	M
41 4-Chloro-3-methylphenol	107	4.623	4.623	0.000	95	185213	50.0	50.2	
42 2-Methylnaphthalene	142	4.726	4.726	0.000	81	429910	50.0	49.3	
43 1-Methylnaphthalene	142	4.800	4.800	0.000	89	397312	50.0	49.9	
44 Hexachlorocyclopentadiene	237	4.853	4.853	0.000	81	139002	50.0	54.9	
45 1,2,4,5-Tetrachlorobenzene	216	4.856	4.856	0.000	94	201327	50.0	54.4	
46 2-tertbutyl-4-methylphenol	149	4.903	4.903	0.000	89	266501	50.0	50.1	
47 2,4,6-Trichlorophenol	196	4.945	4.945	0.000	88	135466	50.0	55.5	
48 2,4,5-Trichlorophenol	196	4.968	4.968	0.000	87	142151	50.0	54.2	
$ 50 2-Fluorobiphenyl	172	5.016	5.016	0.000	97	462346	50.0	49.4	
51 1,1'-Biphenyl	154	5.089	5.089	0.000	96	518466	50.0	54.3	
52 2-Chloronaphthalene	162	5.095	5.095	0.000	88	395425	50.0	54.0	
53 Phenyl ether	170	5.172	5.172	0.000	89	274230	50.0	52.3	
54 2-Nitroaniline	65	5.178	5.178	0.000	69	165520	50.0	54.1	
55 1,3-Dimethylnaphthalene	156	5.267	5.267	0.000	90	329418	50.0	54.9	
57 Coumarin	146	5.331	5.331	0.000	76	155385	50.0	49.1	
56 Dimethyl phthalate	163	5.337	5.337	0.000	94	454894	50.0	53.9	
58 2,6-Dinitrotoluene	165	5.373	5.373	0.000	73	101429	50.0	56.3	
59 Acenaphthylene	152	5.405	5.405	0.000	95	628333	50.0	52.5	
60 3-Nitroaniline	138	5.491	5.491	0.000	90	112210	50.0	54.1	
* 61 Acenaphthene-d10	164	5.514	5.514	0.000	86	251083	40.0	40.0	
62 Acenaphthene	154	5.538	5.538	0.000	94	367989	50.0	54.5	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.559	5.559	0.000	94	340928	50.0	52.9	
64 2,4-Dinitrophenol	184	5.570	5.570	0.000	74	120018	100.0	104.3	
65 4-Nitrophenol	65	5.629	5.629	0.000	95	195884	100.0	108.0	
66 Dibenzofuran	168	5.671	5.671	0.000	91	558526	50.0	54.0	
67 2,4-Dinitrotoluene	165	5.671	5.671	0.000	67	136930	50.0	57.5	
68 2,3,4,6-Tetrachlorophenol	232	5.762	5.762	0.000	90	117940	50.0	54.4	
69 Diethyl phthalate	149	5.877	5.877	0.000	97	468068	50.0	53.8	
70 Fluorene	166	5.928	5.928	0.000	71	447778	50.0	53.7	
71 4-Chlorophenyl phenyl ether	204	5.939	5.939	0.000	83	208020	50.0	53.7	
72 4-Nitroaniline	138	5.954	5.954	0.000	68	109790	50.0	53.6	
73 4,6-Dinitro-2-methylphenol	198	5.975	5.975	0.000	61	148914	100.0	110.4	a
74 N-Nitrosodiphenylamine	169	6.028	6.028	0.000	32	322523	50.0	51.6	
75 1,2-Diphenylhydrazine	77	6.057	6.057	0.000	25	470896	50.0	52.4	
$ 76 2,4,6-Tribromophenol	330	6.105	6.105	0.000	95	87598	50.0	49.9	
77 4-Bromophenyl phenyl ether	248	6.303	6.303	0.000	86	134973	50.0	52.6	
78 Hexachlorobenzene	284	6.335	6.335	0.000	86	162894	50.0	51.8	
79 Atrazine	200	6.438	6.438	0.000	84	49895	20.0	20.5	
80 Pentachlorophenol	266	6.486	6.486	0.000	90	203709	100.0	107.6	
81 Pentachloronitrobenzene	237	6.495	6.495	0.000	70	62376	50.0	51.2	
82 n-Octadecane	57	6.592	6.592	0.000	87	466565	50.0	54.0	
* 83 Phenanthrene-d10	188	6.624	6.624	0.000	92	478634	40.0	40.0	
84 Phenanthrene	178	6.642	6.642	0.000	98	661164	50.0	51.8	
85 Anthracene	178	6.681	6.681	0.000	97	684538	50.0	52.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.805	6.805	0.000	83	619339	50.0	51.4	
88 Di-n-butyl phthalate	149	7.097	7.097	0.000	100	799676	50.0	53.0	
89 Fluoranthene	202	7.525	7.525	0.000	97	738673	50.0	53.8	
90 Benzidine	184	7.637	7.637	0.000	99	379184	50.0	48.0	
91 Pyrene	202	7.691	7.691	0.000	96	746353	50.0	52.9	
92 Bisphenol-A	213	7.750	7.750	0.000	97	334635	50.0	53.1	
$ 93 Terphenyl-d14	244	7.827	7.827	0.000	98	570971	50.0	48.4	
95 Butyl benzyl phthalate	149	8.214	8.214	0.000	97	346278	50.0	54.5	
96 2,3,7,8-TCDD	320	8.252	8.252	0.000	69	1188	0.5000	0.5000	
97 Carbamazepine	193	8.276	8.276	0.000	92	306446	50.0	53.8	
99 3,3'-Dichlorobenzidine	252	8.612	8.612	0.000	93	282698	50.0	56.0	
100 Benzo[a]anthracene	228	8.621	8.621	0.000	99	693743	50.0	52.0	
* 98 Chrysene-d12	240	8.630	8.630	0.000	99	452200	40.0	40.0	
101 Chrysene	228	8.654	8.654	0.000	95	711780	50.0	52.5	
102 Bis(2-ethylhexyl) phthalate	149	8.701	8.701	0.000	88	521242	50.0	54.4	
103 Di-n-octyl phthalate	149	9.307	9.307	0.000	97	884689	50.0	55.7	
104 Benzo[b]fluoranthene	252	9.602	9.602	0.000	98	674362	50.0	56.3	
105 Benzo[k]fluoranthene	252	9.632	9.632	0.000	95	794393	50.0	57.3	
106 Benzo[a]pyrene	252	9.919	9.919	0.000	96	706462	50.0	59.5	
* 107 Perylene-d12	264	9.975	9.975	0.000	98	477466	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.056	11.056	0.000	99	649616	50.0	56.5	M
109 Dibenz(a,h)anthracene	278	11.089	11.089	0.000	42	663084	50.0	58.5	
110 Benzo[g,h,i]perylene	276	11.319	11.319	0.000	97	706251	50.0	53.5	
131 2,6-Dichlorophenol	162	4.245	4.245	0.000	77	177122	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:23:35 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455716.D

Injection Date: 12-Oct-2021 10:24:26 Instrument ID: CBNAMS15 Operator ID:

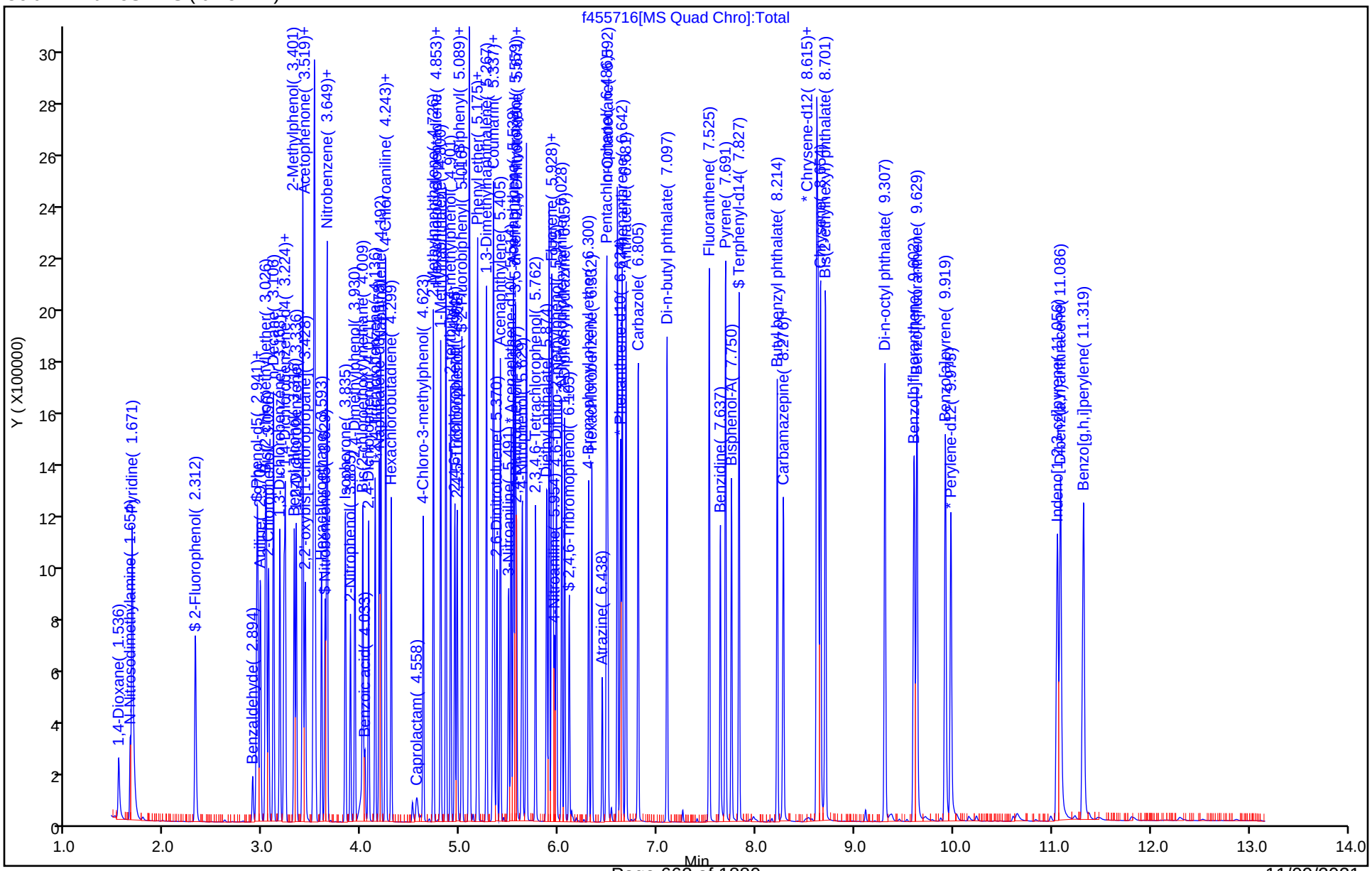
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455717.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 12-Oct-2021 10:41:41 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-003
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:23:38 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 11:00:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	90	187175	120.0	122.0	
2 N-Nitrosodimethylamine	74	1.648	1.651	-0.003	81	279269	120.0	118.0	
3 Pyridine	79	1.666	1.671	-0.005	76	949041	240.0	234.5	
$ 5 2-Fluorophenol	112	2.306	2.312	-0.006	90	484436	120.0	115.4	
7 Benzaldehyde	77	2.882	2.894	-0.012	89	59846	32.0	16.7	
$ 8 Phenol-d5	99	2.935	2.935	0.000	91	614753	120.0	117.4	
9 Phenol	94	2.944	2.947	-0.003	96	611394	120.0	120.0	
10 Aniline	93	2.965	2.970	-0.005	99	742126	120.0	118.5	
11 Bis(2-chloroethyl)ether	93	3.018	3.023	-0.005	87	478668	120.0	115.8	
12 2-Chlorophenol	128	3.050	3.056	-0.006	75	496559	120.0	117.6	
13 n-Decane	43	3.095	3.106	-0.011	90	685133	120.0	115.3	
14 1,3-Dichlorobenzene	146	3.160	3.171	-0.011	94	546448	120.0	116.9	
* 15 1,4-Dichlorobenzene-d4	152	3.201	3.212	-0.011	78	123419	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.216	3.224	-0.008	92	556942	120.0	116.8	
17 Benzyl alcohol	108	3.310	3.316	-0.006	90	329799	120.0	118.8	
18 1,2-Dichlorobenzene	146	3.325	3.336	-0.011	93	525400	120.0	116.1	
19 2-Methylphenol	108	3.393	3.398	-0.005	74	442421	120.0	118.0	
20 2,2'-oxybis[1-chloropropane]	45	3.420	3.428	-0.008	93	862729	120.0	115.9	
130 N-Methylaniline	106	3.502	3.511	-0.008	95	819830	120.0	123.3	a
21 Acetophenone	105	3.514	3.519	-0.005	94	705219	120.0	115.9	
22 4-Methylphenol	108	3.523	3.522	0.001	88	504046	120.0	117.6	
23 3 & 4 Methylphenol	108	3.523	3.522	0.001	77	504046	120.0	117.6	
24 N-Nitrosodi-n-propylamine	70	3.526	3.528	-0.002	71	318143	120.0	119.6	
25 Hexachloroethane	117	3.582	3.593	-0.011	95	217806	120.0	117.0	
$ 26 Nitrobenzene-d5	82	3.623	3.629	-0.006	93	556762	120.0	115.6	
27 Nitrobenzene	123	3.641	3.643	-0.002	87	236811	120.0	119.5	
28 n,n'-Dimethylaniline	120	3.647	3.649	-0.002	86	797248	120.0	119.8	
29 Isophorone	82	3.833	3.835	-0.002	98	951854	120.0	119.2	
30 2-Nitrophenol	139	3.880	3.885	-0.005	86	255351	120.0	121.0	
31 2,4-Dimethylphenol	122	3.925	3.930	-0.005	90	426249	120.0	118.5	
32 Bis(2-chloroethoxy)methane	93	4.004	4.009	-0.005	93	590509	120.0	116.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.066	4.033	0.033	45	328839	120.0	140.5	
34 2,4-Dichlorophenol	162	4.066	4.071	-0.005	94	406767	120.0	119.7	
35 1,2,4-Trichlorobenzene	180	4.129	4.136	-0.007	92	423460	120.0	115.1	
* 36 Naphthalene-d8	136	4.170	4.178	-0.008	98	470580	40.0	40.0	
37 Naphthalene	128	4.188	4.195	-0.007	98	1419225	120.0	116.1	
38 4-Chloroaniline	127	4.238	4.243	-0.005	89	597003	120.0	115.6	
39 Hexachlorobutadiene	225	4.291	4.299	-0.008	94	261141	120.0	118.2	
40 Caprolactam	113	4.619	4.558	0.061	31	49429	32.0	31.4	M
41 4-Chloro-3-methylphenol	107	4.619	4.623	-0.004	98	423595	120.0	119.8	
42 2-Methylnaphthalene	142	4.719	4.726	-0.007	81	977668	120.0	116.9	
43 1-Methylnaphthalene	142	4.793	4.800	-0.007	89	903498	120.0	118.3	
44 Hexachlorocyclopentadiene	237	4.847	4.853	-0.006	83	339170	120.0	125.2	
45 1,2,4,5-Tetrachlorobenzene	216	4.849	4.856	-0.007	94	451745	120.0	114.2	
46 2-tertbutyl-4-methylphenol	149	4.897	4.903	-0.006	88	633252	120.0	124.1	
47 2,4,6-Trichlorophenol	196	4.938	4.945	-0.007	87	311960	120.0	119.5	
48 2,4,5-Trichlorophenol	196	4.962	4.968	-0.006	84	325161	120.0	115.9	
$ 50 2-Fluorobiphenyl	172	5.009	5.016	-0.007	97	1118317	120.0	111.7	
51 1,1'-Biphenyl	154	5.083	5.089	-0.006	97	1169105	120.0	114.5	
52 2-Chloronaphthalene	162	5.089	5.095	-0.006	77	882560	120.0	112.8	
53 Phenyl ether	170	5.166	5.172	-0.006	88	673855	120.0	120.3	
54 2-Nitroaniline	65	5.175	5.178	-0.003	92	387000	120.0	118.3	
55 1,3-Dimethylnaphthalene	156	5.260	5.267	-0.006	90	760060	120.0	118.4	
57 Coumarin	146	5.331	5.331	0.000	76	369050	120.0	121.6	
56 Dimethyl phthalate	163	5.337	5.337	0.000	94	1021406	120.0	113.2	
58 2,6-Dinitrotoluene	165	5.370	5.373	-0.003	68	231991	120.0	120.4	
59 Acenaphthylene	152	5.402	5.405	-0.003	85	1488793	120.0	116.4	
60 3-Nitroaniline	138	5.491	5.491	0.000	91	255241	120.0	115.0	
* 61 Acenaphthene-d10	164	5.506	5.514	-0.008	96	268464	40.0	40.0	
62 Acenaphthene	154	5.535	5.538	-0.003	95	820890	120.0	113.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.553	5.559	-0.006	98	819079	120.0	119.0	
64 2,4-Dinitrophenol	184	5.571	5.570	0.001	76	304399	240.0	244.4	
65 4-Nitrophenol	65	5.633	5.629	0.004	95	461105	240.0	237.7	
66 Dibenzofuran	168	5.665	5.671	-0.006	91	1253602	120.0	113.3	
67 2,4-Dinitrotoluene	165	5.668	5.671	-0.003	50	312284	120.0	122.6	
68 2,3,4,6-Tetrachlorophenol	232	5.757	5.762	-0.005	90	269282	120.0	116.2	
69 Diethyl phthalate	149	5.875	5.877	-0.002	97	1075206	120.0	115.6	
70 Fluorene	166	5.923	5.928	-0.005	76	1012806	120.0	113.5	
71 4-Chlorophenyl phenyl ether	204	5.931	5.939	-0.008	80	469212	120.0	113.2	
72 4-Nitroaniline	138	5.967	5.954	0.013	55	245264	120.0	112.0	
73 4,6-Dinitro-2-methylphenol	198	5.982	5.975	0.007	74	362858	240.0	264.1	
74 N-Nitrosodiphenylamine	169	6.029	6.028	0.001	20	737093	120.0	115.7	
75 1,2-Diphenylhydrazine	77	6.053	6.057	-0.004	3	1063263	120.0	116.1	a
$ 76 2,4,6-Tribromophenol	330	6.103	6.105	-0.002	89	225348	120.0	120.2	
77 4-Bromophenyl phenyl ether	248	6.295	6.303	-0.008	86	305372	120.0	116.8	
78 Hexachlorobenzene	284	6.328	6.335	-0.007	86	375414	120.0	117.2	
79 Atrazine	200	6.434	6.438	-0.004	86	79178	32.0	31.9	
80 Pentachlorophenol	266	6.481	6.486	-0.005	88	480439	240.0	249.0	
81 Pentachloronitrobenzene	237	6.490	6.495	-0.004	86	151995	120.0	122.4	
82 n-Octadecane	57	6.585	6.592	-0.007	87	1060126	120.0	120.5	
* 83 Phenanthrene-d10	188	6.617	6.624	-0.007	90	487768	40.0	40.0	
84 Phenanthrene	178	6.638	6.642	-0.004	98	1495009	120.0	114.8	
85 Anthracene	178	6.676	6.681	-0.005	97	1551710	120.0	116.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.798	6.805	-0.007	83	1417772	120.0	115.4	
88 Di-n-butyl phthalate	149	7.087	7.097	-0.010	100	1833994	120.0	119.4	
89 Fluoranthene	202	7.518	7.525	-0.007	97	1649820	120.0	117.9	
90 Benzidine	184	7.631	7.637	-0.006	99	1007207	120.0	125.1	
91 Pyrene	202	7.684	7.691	-0.007	97	1686997	120.0	115.7	
92 Bisphenol-A	213	7.743	7.750	-0.007	98	780231	120.0	119.7	
$ 93 Terphenyl-d14	244	7.820	7.827	-0.007	98	1390097	120.0	114.1	
95 Butyl benzyl phthalate	149	8.204	8.214	-0.010	97	809842	120.0	123.4	
97 Carbamazepine	193	8.275	8.276	-0.001	91	790392	120.0	134.2	
99 3,3'-Dichlorobenzidine	252	8.606	8.612	-0.006	84	632817	120.0	121.2	
100 Benzo[a]anthracene	228	8.612	8.621	-0.009	99	1620700	120.0	117.5	
* 98 Chrysene-d12	240	8.624	8.630	-0.006	99	467300	40.0	40.0	
101 Chrysene	228	8.647	8.654	-0.007	95	1565182	120.0	111.7	
102 Bis(2-ethylhexyl) phthalate	149	8.692	8.701	-0.009	88	1207091	120.0	122.0	
103 Di-n-octyl phthalate	149	9.292	9.307	-0.015	97	2070663	120.0	126.5	
104 Benzo[b]fluoranthene	252	9.593	9.602	-0.009	96	1755167	120.0	142.3	
105 Benzo[k]fluoranthene	252	9.622	9.632	-0.010	95	1658671	120.0	116.2	
106 Benzo[a]pyrene	252	9.909	9.919	-0.010	96	1620979	120.0	132.6	
* 107 Perylene-d12	264	9.959	9.975	-0.016	98	491738	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.041	11.056	-0.015	99	1573441	120.0	113.9	M
109 Dibenz(a,h)anthracene	278	11.074	11.089	-0.015	95	1641486	120.0	140.6	
110 Benzo[g,h,i]perylene	276	11.310	11.319	-0.009	97	1649317	120.0	121.3	
S 117 Total Cresols	1				0			235.6	
131 2,6-Dichlorophenol	162	4.241	4.245	-0.004	78	397783	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:23:40 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455717.D

Injection Date: 12-Oct-2021 10:41:41 Instrument ID: CBNAMS15 Operator ID:

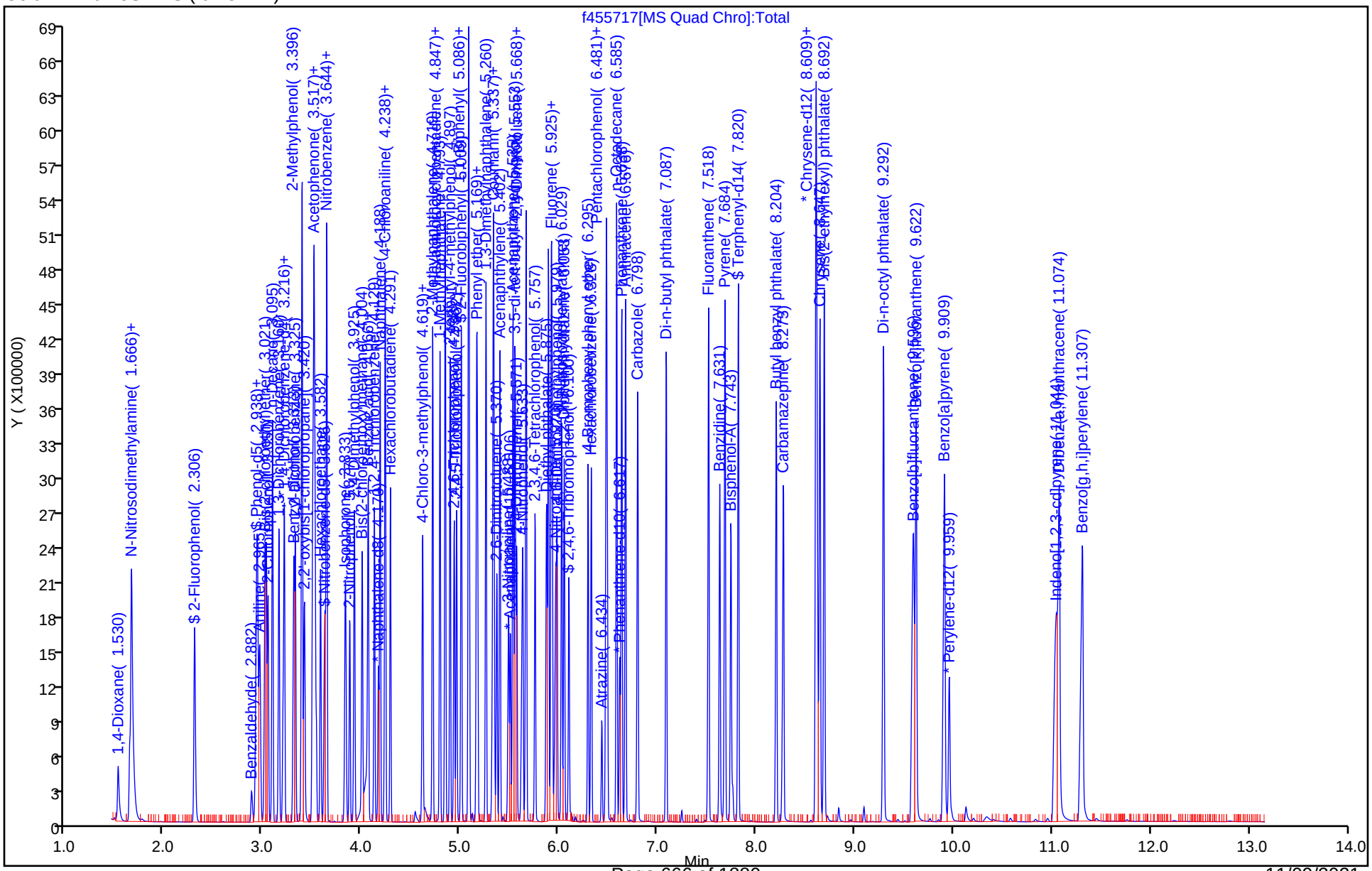
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455718.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 12-Oct-2021 10:58:52 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-004
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:23:43 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 11:20:31

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.530	1.536	-0.006	89	125461	80.0	83.1	
	2 N-Nitrosodimethylamine	74	1.645	1.651	-0.006	79	187289	80.0	80.4	
	3 Pyridine	79	1.665	1.671	-0.006	76	636305	160.0	159.6	
$	5 2-Fluorophenol	112	2.303	2.312	-0.009	90	322400	80.0	78.0	
	7 Benzaldehyde	77	2.881	2.894	-0.013	92	66241	24.0	18.8	
$	8 Phenol-d5	99	2.926	2.935	-0.009	98	409104	80.0	79.4	
	9 Phenol	94	2.937	2.947	-0.010	96	403990	80.0	80.5	
	10 Aniline	93	2.961	2.970	-0.009	98	497562	80.0	80.7	
	11 Bis(2-chloroethyl)ether	93	3.011	3.023	-0.012	87	323838	80.0	79.6	
	12 2-Chlorophenol	128	3.044	3.056	-0.012	77	335358	80.0	80.7	
	13 n-Decane	43	3.091	3.106	-0.015	90	464809	80.0	79.4	
	14 1,3-Dichlorobenzene	146	3.156	3.171	-0.015	93	366311	80.0	79.6	
*	15 1,4-Dichlorobenzene-d4	152	3.200	3.212	-0.012	97	121540	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.212	3.224	-0.012	91	374620	80.0	79.8	
	17 Benzyl alcohol	108	3.306	3.316	-0.010	90	223584	80.0	81.8	
	18 1,2-Dichlorobenzene	146	3.324	3.336	-0.012	94	356559	80.0	80.0	
	19 2-Methylphenol	108	3.389	3.398	-0.009	73	300214	80.0	81.3	
	20 2,2'-oxybis[1-chloropropane]	45	3.416	3.428	-0.012	93	582034	80.0	79.4	
	130 N-Methylaniline	106	3.498	3.511	-0.012	93	542890	80.0	82.9	a
	21 Acetophenone	105	3.510	3.519	-0.009	91	475511	80.0	79.3	
	22 4-Methylphenol	108	3.516	3.522	-0.006	73	339296	80.0	80.4	a
	23 3 & 4 Methylphenol	108	3.516	3.522	-0.006	75	339296	80.0	80.4	a
	24 N-Nitrosodi-n-propylamine	70	3.516	3.528	-0.012	74	214309	80.0	81.8	
	25 Hexachloroethane	117	3.578	3.593	-0.015	95	146716	80.0	80.1	
$	26 Nitrobenzene-d5	82	3.619	3.629	-0.010	93	375719	80.0	77.9	
	27 Nitrobenzene	123	3.634	3.643	-0.009	87	161950	80.0	83.0	
	28 n,n'-Dimethylaniline	120	3.640	3.649	-0.009	85	535564	80.0	81.8	
	29 Isophorone	82	3.826	3.835	-0.009	98	645901	80.0	80.7	
	30 2-Nitrophenol	139	3.873	3.885	-0.012	85	172398	80.0	81.5	
	31 2,4-Dimethylphenol	122	3.921	3.930	-0.009	90	289169	80.0	80.3	
	32 Bis(2-chloroethoxy)methane	93	4.000	4.009	-0.009	93	401583	80.0	79.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.042	4.033	0.009	88	218183	80.0	93.0	
34 2,4-Dichlorophenol	162	4.059	4.071	-0.012	90	277230	80.0	81.5	
35 1,2,4-Trichlorobenzene	180	4.124	4.136	-0.012	92	286863	80.0	77.9	
* 36 Naphthalene-d8	136	4.166	4.178	-0.012	98	471418	40.0	40.0	
37 Naphthalene	128	4.183	4.195	-0.012	98	971930	80.0	79.3	
38 4-Chloroaniline	127	4.231	4.243	-0.012	90	410023	80.0	79.3	
39 Hexachlorobutadiene	225	4.287	4.299	-0.012	93	175178	80.0	79.2	
40 Caprolactam	113	4.612	4.558	0.054	35	37458	24.0	25.6	M
41 4-Chloro-3-methylphenol	107	4.615	4.623	-0.008	98	284547	80.0	80.3	
42 2-Methylnaphthalene	142	4.715	4.726	-0.011	81	662547	80.0	79.1	
43 1-Methylnaphthalene	142	4.789	4.800	-0.011	89	605102	80.0	79.1	
44 Hexachlorocyclopentadiene	237	4.842	4.853	-0.011	83	225911	80.0	84.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.845	4.856	-0.011	94	308579	80.0	78.5	
46 2-tertbutyl-4-methylphenol	149	4.892	4.903	-0.011	87	419000	80.0	82.0	
47 2,4,6-Trichlorophenol	196	4.934	4.945	-0.011	88	210350	80.0	81.1	
48 2,4,5-Trichlorophenol	196	4.957	4.968	-0.011	95	223101	80.0	80.0	
$ 50 2-Fluorobiphenyl	172	5.004	5.016	-0.012	97	758720	80.0	76.3	
51 1,1'-Biphenyl	154	5.078	5.089	-0.011	96	790237	80.0	77.9	
52 2-Chloronaphthalene	162	5.084	5.095	-0.011	95	610931	80.0	78.6	
53 Phenyl ether	170	5.161	5.172	-0.011	88	450318	80.0	80.9	
54 2-Nitroaniline	65	5.170	5.178	-0.008	92	263613	80.0	81.1	
55 1,3-Dimethylnaphthalene	156	5.256	5.267	-0.010	90	510796	80.0	80.1	
57 Coumarin	146	5.324	5.331	-0.007	81	246403	80.0	81.0	
56 Dimethyl phthalate	163	5.329	5.337	-0.008	94	703295	80.0	78.5	
58 2,6-Dinitrotoluene	165	5.362	5.373	-0.011	73	157661	80.0	82.3	
59 Acenaphthylene	152	5.397	5.405	-0.008	93	1009671	80.0	79.4	
60 3-Nitroaniline	138	5.483	5.491	-0.008	90	175456	80.0	79.6	
* 61 Acenaphthene-d10	164	5.504	5.514	-0.010	87	266736	40.0	40.0	
62 Acenaphthene	154	5.530	5.538	-0.008	94	562517	80.0	78.4	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.548	5.559	-0.011	97	550169	80.0	80.4	
64 2,4-Dinitrophenol	184	5.563	5.570	-0.007	74	207921	160.0	168.7	
65 4-Nitrophenol	65	5.622	5.629	-0.007	96	318230	160.0	165.1	
66 Dibenzofuran	168	5.660	5.671	-0.011	92	859325	80.0	78.2	
67 2,4-Dinitrotoluene	165	5.660	5.671	-0.011	45	214981	80.0	84.9	a
68 2,3,4,6-Tetrachlorophenol	232	5.752	5.762	-0.010	91	184760	80.0	80.2	
69 Diethyl phthalate	149	5.867	5.877	-0.010	97	731825	80.0	79.2	
70 Fluorene	166	5.917	5.928	-0.011	79	692719	80.0	78.2	
71 4-Chlorophenyl phenyl ether	204	5.926	5.939	-0.013	80	320580	80.0	77.8	
72 4-Nitroaniline	138	5.953	5.954	-0.001	63	170944	80.0	78.6	
73 4,6-Dinitro-2-methylphenol	198	5.971	5.975	-0.004	76	247986	160.0	181.1	
74 N-Nitrosodiphenylamine	169	6.021	6.028	-0.007	18	505940	80.0	79.7	
75 1,2-Diphenylhydrazine	77	6.048	6.057	-0.009	21	723767	80.0	79.3	
$ 76 2,4,6-Tribromophenol	330	6.095	6.105	-0.010	94	150706	80.0	80.9	
77 4-Bromophenyl phenyl ether	248	6.290	6.303	-0.013	86	205081	80.0	78.7	
78 Hexachlorobenzene	284	6.322	6.335	-0.013	89	254093	80.0	79.6	
79 Atrazine	200	6.429	6.438	-0.009	86	62772	24.0	25.4	
80 Pentachlorophenol	266	6.476	6.486	-0.010	86	328378	160.0	170.8	
81 Pentachloronitrobenzene	237	6.485	6.495	-0.009	87	100736	80.0	81.4	
82 n-Octadecane	57	6.582	6.592	-0.010	87	718236	80.0	81.9	
* 83 Phenanthrene-d10	188	6.612	6.624	-0.012	92	486103	40.0	40.0	
84 Phenanthrene	178	6.633	6.642	-0.009	98	1024252	80.0	79.0	
85 Anthracene	178	6.671	6.681	-0.010	97	1051898	80.0	79.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.792	6.805	-0.013	83	974759	80.0	79.6	
88 Di-n-butyl phthalate	149	7.084	7.097	-0.013	100	1244761	80.0	81.3	
89 Fluoranthene	202	7.513	7.525	-0.012	97	1115786	80.0	80.0	
90 Benzidine	184	7.625	7.637	-0.012	99	688957	80.0	85.8	
91 Pyrene	202	7.678	7.691	-0.013	97	1156133	80.0	79.2	
92 Bisphenol-A	213	7.737	7.750	-0.013	98	535655	80.0	82.1	
$ 93 Terphenyl-d14	244	7.814	7.827	-0.013	98	948163	80.0	77.8	
95 Butyl benzyl phthalate	149	8.201	8.214	-0.013	98	547077	80.0	83.3	
97 Carbamazepine	193	8.269	8.276	-0.007	92	523544	80.0	88.8	
99 3,3'-Dichlorobenzidine	252	8.600	8.612	-0.012	84	440909	80.0	84.4	
100 Benzo[a]anthracene	228	8.606	8.621	-0.015	99	1112528	80.0	80.6	
* 98 Chrysene-d12	240	8.615	8.630	-0.015	99	467628	40.0	40.0	
101 Chrysene	228	8.638	8.654	-0.016	95	1084276	80.0	77.3	
102 Bis(2-ethylhexyl) phthalate	149	8.686	8.701	-0.015	88	819225	80.0	82.7	
103 Di-n-octyl phthalate	149	9.286	9.307	-0.021	97	1393121	80.0	84.3	
104 Benzo[b]fluoranthene	252	9.581	9.602	-0.021	97	1121156	80.0	90.1	
105 Benzo[k]fluoranthene	252	9.611	9.632	-0.021	99	1180435	80.0	82.0	
106 Benzo[a]pyrene	252	9.897	9.919	-0.022	96	1097213	80.0	89.0	
* 107 Perylene-d12	264	9.951	9.975	-0.024	98	496124	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.026	11.056	-0.030	99	1035061	80.0	80.9	M
109 Dibenz(a,h)anthracene	278	11.059	11.089	-0.030	95	1103830	80.0	93.7	
110 Benzo[g,h,i]perylene	276	11.293	11.319	-0.026	96	1112619	80.0	81.1	
S 117 Total Cresols	1				0			161.7	
131 2,6-Dichlorophenol	162	4.234	4.245	-0.011	74	271140	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:23:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455718.D

Injection Date: 12-Oct-2021 10:58:52 Instrument ID: CBNAMS15 Operator ID:

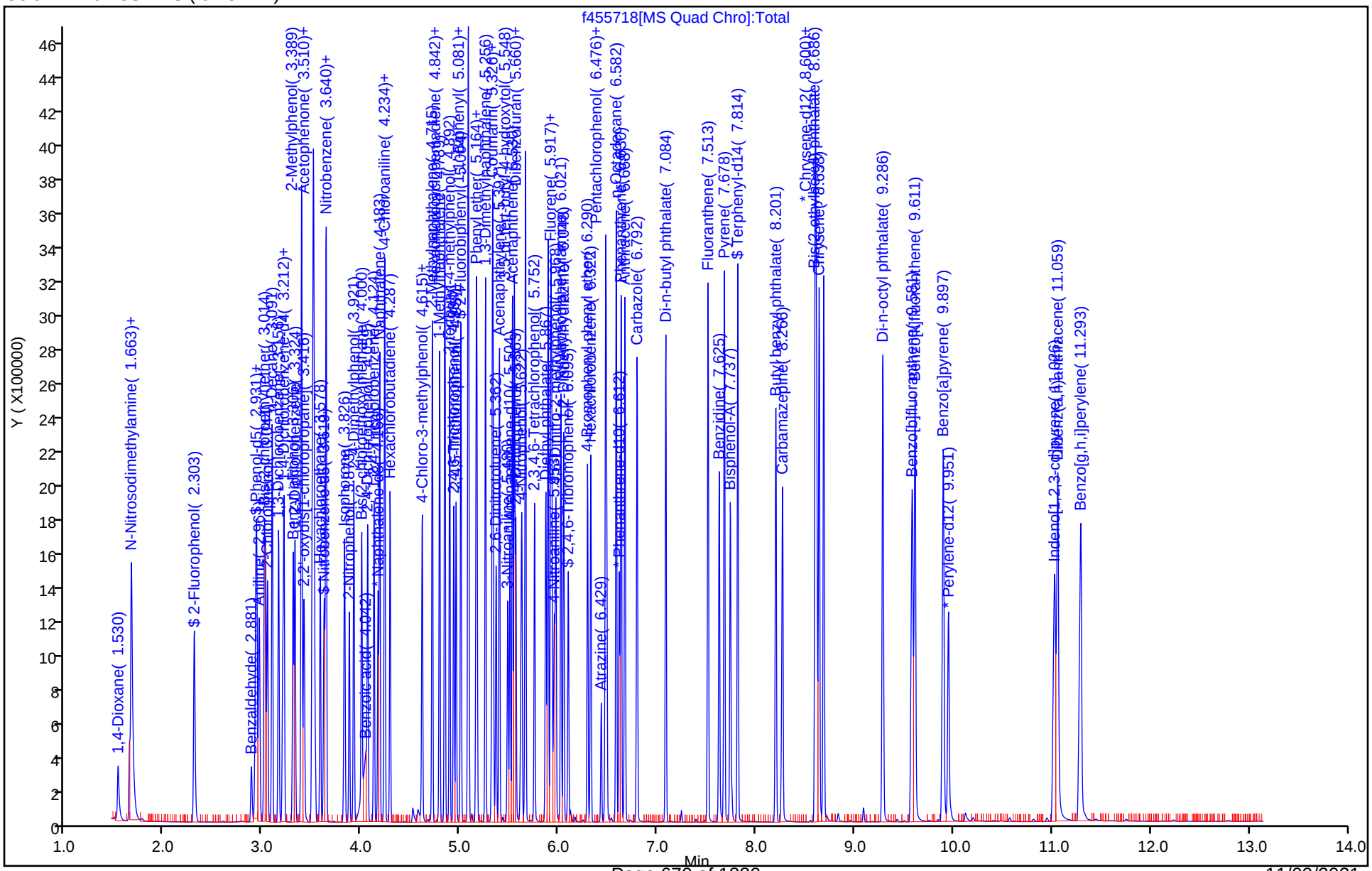
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455719.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Oct-2021 11:16:06 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-005
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:23:49 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 11:33:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	90	32255	20.0	20.9	
2 N-Nitrosodimethylamine	74	1.642	1.651	-0.009	78	45633	20.0	19.2	
3 Pyridine	79	1.663	1.671	-0.008	76	157079	40.0	38.6	
$ 5 2-Fluorophenol	112	2.297	2.312	-0.015	89	82681	20.0	19.6	
7 Benzaldehyde	77	2.878	2.894	-0.016	89	56221	16.0	15.7	
$ 8 Phenol-d5	99	2.914	2.935	-0.021	99	104806	20.0	19.9	
9 Phenol	94	2.925	2.947	-0.022	79	100267	20.0	19.6	
10 Aniline	93	2.952	2.970	-0.018	14	123810	20.0	19.7	a
11 Bis(2-chloroethyl)ether	93	3.002	3.023	-0.021	86	80480	20.0	19.4	
12 2-Chlorophenol	128	3.035	3.056	-0.021	62	83117	20.0	19.6	
13 n-Decane	43	3.088	3.106	-0.018	89	115316	20.0	19.3	
14 1,3-Dichlorobenzene	146	3.153	3.171	-0.018	94	92542	20.0	19.7	
* 15 1,4-Dichlorobenzene-d4	152	3.194	3.212	-0.018	97	124047	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.209	3.224	-0.015	89	93337	20.0	19.5	
17 Benzyl alcohol	108	3.297	3.316	-0.019	91	54791	20.0	19.6	
18 1,2-Dichlorobenzene	146	3.318	3.336	-0.018	89	89060	20.0	19.6	
19 2-Methylphenol	108	3.380	3.398	-0.018	83	73805	20.0	19.6	
20 2,2'-oxybis[1-chloropropane]	45	3.410	3.428	-0.018	55	144501	20.0	19.3	
130 N-Methylaniline	106	3.492	3.511	-0.018	82	134405	20.0	20.1	
21 Acetophenone	105	3.498	3.519	-0.021	85	120036	20.0	19.6	
22 4-Methylphenol	108	3.501	3.522	-0.021	73	85610	20.0	19.9	
23 3 & 4 Methylphenol	108	3.501	3.522	-0.021	80	85610	20.0	19.9	
24 N-Nitrosodi-n-propylamine	70	3.504	3.528	-0.024	93	53429	20.0	20.0	
25 Hexachloroethane	117	3.575	3.593	-0.018	92	36475	20.0	19.5	
$ 26 Nitrobenzene-d5	82	3.610	3.629	-0.019	92	96452	20.0	19.7	
27 Nitrobenzene	123	3.625	3.643	-0.018	86	40173	20.0	20.2	
28 n,n'-Dimethylaniline	120	3.631	3.649	-0.018	78	132861	20.0	19.9	
29 Isophorone	82	3.814	3.835	-0.021	98	160285	20.0	19.7	
30 2-Nitrophenol	139	3.867	3.885	-0.018	85	43546	20.0	20.3	
31 2,4-Dimethylphenol	122	3.911	3.930	-0.019	90	71707	20.0	19.6	
32 Bis(2-chloroethoxy)methane	93	3.991	4.009	-0.018	93	102107	20.0	19.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.982	4.033	-0.051	80	47856	20.0	20.1	
34 2,4-Dichlorophenol	162	4.053	4.071	-0.018	93	69049	20.0	20.0	
35 1,2,4-Trichlorobenzene	180	4.121	4.136	-0.015	92	72934	20.0	19.5	
* 36 Naphthalene-d8	136	4.162	4.178	-0.016	99	479199	40.0	40.0	
37 Naphthalene	128	4.177	4.195	-0.018	98	244731	20.0	19.7	
38 4-Chloroaniline	127	4.224	4.243	-0.019	91	103331	20.0	19.7	
39 Hexachlorobutadiene	225	4.283	4.299	-0.016	93	44772	20.0	19.9	
40 Caprolactam	113	4.481	4.558	-0.077	85	18267	16.0	14.5	
41 4-Chloro-3-methylphenol	107	4.608	4.623	-0.015	98	70674	20.0	19.6	
42 2-Methylnaphthalene	142	4.711	4.726	-0.015	83	165784	20.0	19.5	
43 1-Methylnaphthalene	142	4.785	4.800	-0.015	91	153255	20.0	19.7	
44 Hexachlorocyclopentadiene	237	4.838	4.853	-0.015	79	52828	20.0	19.0	
45 1,2,4,5-Tetrachlorobenzene	216	4.838	4.856	-0.018	95	76387	20.0	18.8	
46 2-tertbutyl-4-methylphenol	149	4.886	4.903	-0.017	88	102872	20.0	19.8	
47 2,4,6-Trichlorophenol	196	4.930	4.945	-0.015	87	51796	20.0	19.3	
48 2,4,5-Trichlorophenol	196	4.953	4.968	-0.015	96	55324	20.0	19.2	
$ 50 2-Fluorobiphenyl	172	5.001	5.016	-0.015	97	194665	20.0	18.9	
51 1,1'-Biphenyl	154	5.072	5.089	-0.017	96	199328	20.0	19.0	
52 2-Chloronaphthalene	162	5.077	5.095	-0.018	94	153069	20.0	19.0	
53 Phenyl ether	170	5.157	5.172	-0.015	87	112209	20.0	19.5	
54 2-Nitroaniline	65	5.160	5.178	-0.018	76	65344	20.0	19.5	
55 1,3-Dimethylnaphthalene	156	5.249	5.267	-0.017	90	128146	20.0	19.4	
57 Coumarin	146	5.314	5.331	-0.017	81	61296	20.0	19.8	
56 Dimethyl phthalate	163	5.317	5.337	-0.021	94	179317	20.0	19.4	
58 2,6-Dinitrotoluene	165	5.352	5.373	-0.021	54	39459	20.0	19.9	
59 Acenaphthylene	152	5.390	5.405	-0.015	96	255103	20.0	19.4	
60 3-Nitroaniline	138	5.470	5.491	-0.021	91	45366	20.0	19.9	
* 61 Acenaphthene-d10	164	5.500	5.514	-0.014	96	275803	40.0	40.0	
62 Acenaphthene	154	5.523	5.538	-0.015	88	143435	20.0	19.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.541	5.559	-0.018	95	139342	20.0	19.7	
64 2,4-Dinitrophenol	184	5.550	5.570	-0.020	65	46080	40.0	37.9	
65 4-Nitrophenol	65	5.606	5.629	-0.023	95	77439	40.0	38.9	
66 Dibenzofuran	168	5.653	5.671	-0.018	90	219651	20.0	19.3	
67 2,4-Dinitrotoluene	165	5.650	5.671	-0.021	80	52802	20.0	20.2	
68 2,3,4,6-Tetrachlorophenol	232	5.748	5.762	-0.014	92	45415	20.0	19.1	
69 Diethyl phthalate	149	5.857	5.877	-0.020	98	184380	20.0	19.3	
70 Fluorene	166	5.910	5.928	-0.018	71	175772	20.0	19.2	
71 4-Chlorophenyl phenyl ether	204	5.922	5.939	-0.017	83	82080	20.0	19.3	
72 4-Nitroaniline	138	5.928	5.954	-0.026	78	44806	20.0	19.9	
73 4,6-Dinitro-2-methylphenol	198	5.951	5.975	-0.024	50	58189	40.0	41.2	
74 N-Nitrosodiphenylamine	169	6.010	6.028	-0.018	25	127580	20.0	19.5	
75 1,2-Diphenylhydrazine	77	6.040	6.057	-0.017	65	181368	20.0	19.3	
$ 76 2,4,6-Tribromophenol	330	6.087	6.105	-0.018	94	37808	20.0	19.6	
77 4-Bromophenyl phenyl ether	248	6.285	6.303	-0.018	87	51161	20.0	19.1	
78 Hexachlorobenzene	284	6.318	6.335	-0.017	88	65290	20.0	19.9	
79 Atrazine	200	6.424	6.438	-0.014	88	41248	16.0	16.2	
80 Pentachlorophenol	266	6.465	6.486	-0.021	86	79773	40.0	40.3	
81 Pentachloronitrobenzene	237	6.477	6.495	-0.017	74	25187	20.0	19.8	
82 n-Octadecane	57	6.577	6.592	-0.015	88	173327	20.0	19.2	
* 83 Phenanthrene-d10	188	6.607	6.624	-0.017	96	500793	40.0	40.0	
84 Phenanthrene	178	6.625	6.642	-0.017	98	261750	20.0	19.6	
85 Anthracene	178	6.660	6.681	-0.021	97	267403	20.0	19.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.784	6.805	-0.021	83	247693	20.0	19.6	
88 Di-n-butyl phthalate	149	7.079	7.097	-0.018	100	306018	20.0	19.4	
89 Fluoranthene	202	7.504	7.525	-0.021	98	277810	20.0	19.3	
90 Benzidine	184	7.620	7.637	-0.017	99	164011	20.0	19.8	
91 Pyrene	202	7.670	7.691	-0.021	97	293947	20.0	19.6	
92 Bisphenol-A	213	7.732	7.750	-0.018	98	133159	20.0	19.9	
$ 93 Terphenyl-d14	244	7.809	7.827	-0.018	98	243101	20.0	19.4	
95 Butyl benzyl phthalate	149	8.193	8.214	-0.021	98	129391	20.0	19.2	
97 Carbamazepine	193	8.252	8.276	-0.024	91	120792	20.0	20.0	
99 3,3'-Dichlorobenzidine	252	8.588	8.612	-0.024	99	109612	20.0	20.4	
100 Benzo[a]anthracene	228	8.597	8.621	-0.024	99	277354	20.0	19.6	
* 98 Chrysene-d12	240	8.606	8.630	-0.024	99	480244	40.0	40.0	
101 Chrysene	228	8.627	8.654	-0.027	93	281189	20.0	19.5	
102 Bis(2-ethylhexyl) phthalate	149	8.680	8.701	-0.021	89	198837	20.0	19.6	
103 Di-n-octyl phthalate	149	9.277	9.307	-0.030	97	323053	20.0	19.1	
104 Benzo[b]fluoranthene	252	9.566	9.602	-0.036	95	259668	20.0	20.4	
105 Benzo[k]fluoranthene	252	9.596	9.632	-0.036	99	304844	20.0	20.7	
106 Benzo[a]pyrene	252	9.882	9.919	-0.037	96	262696	20.0	20.8	
* 107 Perylene-d12	264	9.941	9.975	-0.034	98	507036	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.004	11.056	-0.052	96	227540	20.0	20.9	M
109 Dibenz(a,h)anthracene	278	11.037	11.089	-0.052	43	249933	20.0	20.8	
110 Benzo[g,h,i]perylene	276	11.264	11.319	-0.055	91	271305	20.0	19.3	
S 117 Total Cresols	1				0			39.5	
131 2,6-Dichlorophenol	162	4.227	4.245	-0.018	76	68754	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:23:52 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455719.D

Injection Date: 12-Oct-2021 11:16:06 Instrument ID: CBNAMS15 Operator ID:

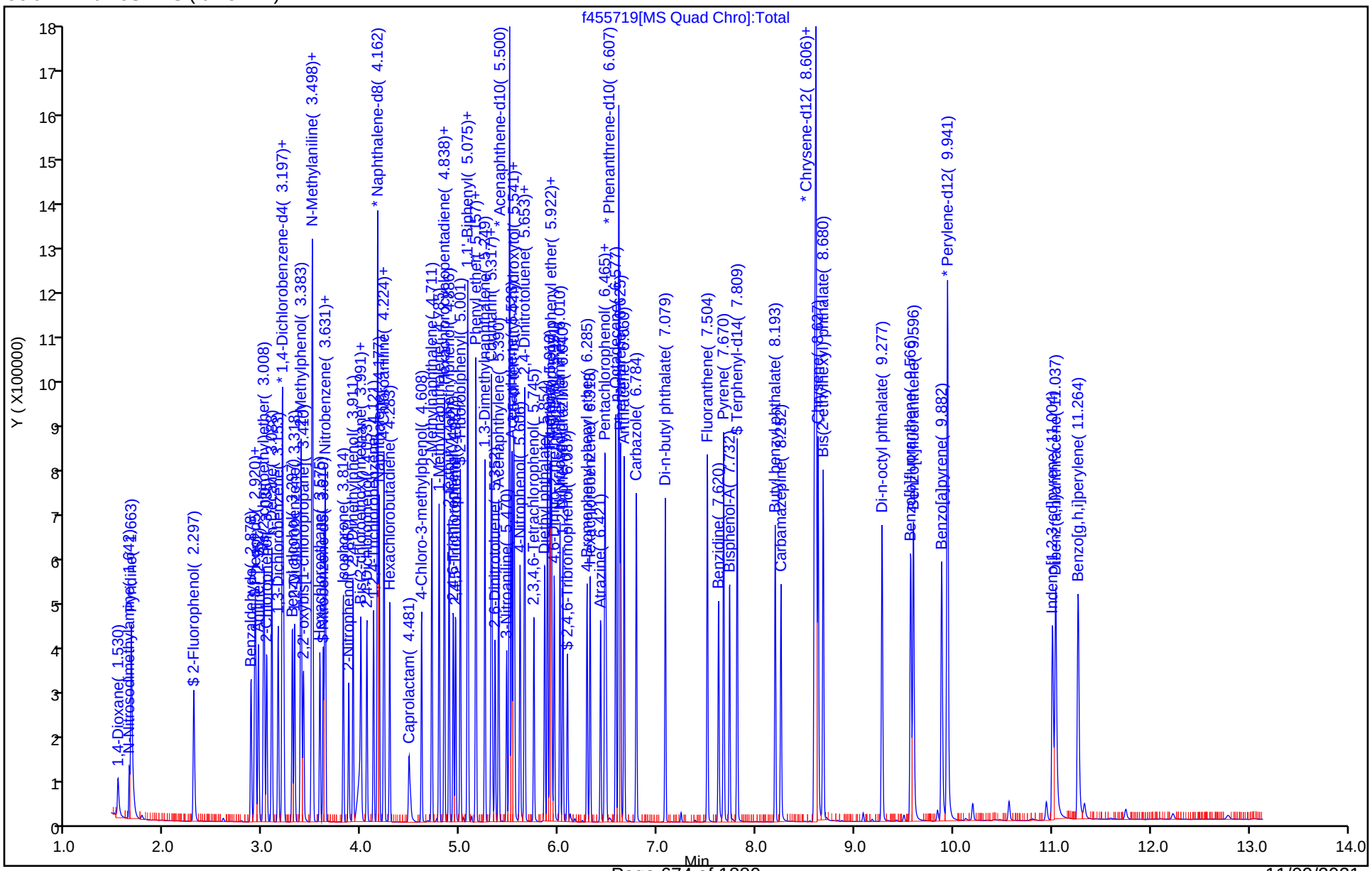
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455720.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 12-Oct-2021 11:33:20 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-006
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:23:54 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 11:52:33

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	91	15929	10.0	10.3	
2 N-Nitrosodimethylamine	74	1.645	1.651	-0.006	81	24275	10.0	10.1	
3 Pyridine	79	1.666	1.671	-0.005	76	82488	20.0	20.2	
$ 5 2-Fluorophenol	112	2.297	2.312	-0.015	90	38938	10.0	9.18	
7 Benzaldehyde	77	2.879	2.894	-0.015	90	35575	10.0	9.85	
$ 8 Phenol-d5	99	2.914	2.935	-0.021	98	49196	10.0	9.30	
9 Phenol	94	2.923	2.947	-0.024	97	52745	10.0	10.2	
10 Aniline	93	2.953	2.970	-0.017	75	64178	10.0	10.1	
11 Bis(2-chloroethyl)ether	93	3.003	3.023	-0.020	87	41959	10.0	10.0	
12 2-Chlorophenol	128	3.035	3.056	-0.021	68	43641	10.0	10.2	
13 n-Decane	43	3.088	3.106	-0.018	90	61136	10.0	10.2	
14 1,3-Dichlorobenzene	146	3.153	3.171	-0.018	93	48545	10.0	10.3	
* 15 1,4-Dichlorobenzene-d4	152	3.198	3.212	-0.014	97	124755	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.210	3.224	-0.014	83	49236	10.0	10.2	
17 Benzyl alcohol	108	3.295	3.316	-0.021	90	28446	10.0	10.1	
18 1,2-Dichlorobenzene	146	3.319	3.336	-0.017	88	47360	10.0	10.4	
19 2-Methylphenol	108	3.381	3.398	-0.017	84	38578	10.0	10.2	
20 2,2'-oxybis[1-chloropropane]	45	3.410	3.428	-0.018	55	77759	10.0	10.3	
130 N-Methylaniline	106	3.493	3.511	-0.017	76	66789	10.0	9.93	
21 Acetophenone	105	3.499	3.519	-0.020	84	63682	10.0	10.4	
22 4-Methylphenol	108	3.502	3.522	-0.020	73	44373	10.0	10.2	
23 3 & 4 Methylphenol	108	3.502	3.522	-0.020	78	44373	10.0	10.2	
24 N-Nitrosodi-n-propylamine	70	3.505	3.528	-0.023	93	28327	10.0	10.5	
25 Hexachloroethane	117	3.576	3.593	-0.017	94	19308	10.0	10.3	
$ 26 Nitrobenzene-d5	82	3.608	3.629	-0.021	93	44602	10.0	9.05	
27 Nitrobenzene	123	3.623	3.643	-0.020	89	21002	10.0	10.5	
28 n,n'-Dimethylaniline	120	3.632	3.649	-0.017	85	64778	10.0	9.63	
29 Isophorone	82	3.812	3.835	-0.023	98	82167	10.0	10.1	
30 2-Nitrophenol	139	3.868	3.885	-0.017	84	21653	10.0	10.0	
31 2,4-Dimethylphenol	122	3.912	3.930	-0.018	90	38125	10.0	10.4	
32 Bis(2-chloroethoxy)methane	93	3.992	4.009	-0.017	89	53571	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.965	4.033	-0.068	83	20702	10.0	8.64	
34 2,4-Dichlorophenol	162	4.054	4.071	-0.017	93	35514	10.0	10.2	
35 1,2,4-Trichlorobenzene	180	4.122	4.136	-0.014	94	38435	10.0	10.2	
* 36 Naphthalene-d8	136	4.163	4.178	-0.015	99	481651	40.0	40.0	
37 Naphthalene	128	4.178	4.195	-0.017	98	129250	10.0	10.3	
38 4-Chloroaniline	127	4.222	4.243	-0.021	91	54134	10.0	10.2	
39 Hexachlorobutadiene	225	4.284	4.299	-0.015	94	23310	10.0	10.3	
40 Caprolactam	113	4.476	4.558	-0.082	84	10710	10.0	9.32	
41 4-Chloro-3-methylphenol	107	4.606	4.623	-0.017	98	36793	10.0	10.2	
42 2-Methylnaphthalene	142	4.712	4.726	-0.014	82	88950	10.0	10.4	
43 1-Methylnaphthalene	142	4.786	4.800	-0.014	89	79560	10.0	10.2	
44 Hexachlorocyclopentadiene	237	4.836	4.853	-0.017	81	26341	10.0	9.51	
45 1,2,4,5-Tetrachlorobenzene	216	4.839	4.856	-0.017	95	41267	10.0	10.2	
46 2-tertbutyl-4-methylphenol	149	4.886	4.903	-0.017	87	50276	10.0	9.63	
47 2,4,6-Trichlorophenol	196	4.928	4.945	-0.017	87	25698	10.0	9.63	
48 2,4,5-Trichlorophenol	196	4.951	4.968	-0.017	94	29272	10.0	10.2	
$ 50 2-Fluorobiphenyl	172	5.002	5.016	-0.014	97	91487	10.0	8.93	
51 1,1'-Biphenyl	154	5.072	5.089	-0.017	96	105977	10.0	10.2	
52 2-Chloronaphthalene	162	5.078	5.095	-0.017	95	81177	10.0	10.1	
53 Phenyl ether	170	5.158	5.172	-0.014	87	55491	10.0	9.69	
54 2-Nitroaniline	65	5.158	5.178	-0.020	72	32852	10.0	9.82	
55 1,3-Dimethylnaphthalene	156	5.250	5.267	-0.016	91	63507	10.0	9.68	
57 Coumarin	146	5.311	5.331	-0.020	81	30642	10.0	9.86	
56 Dimethyl phthalate	163	5.317	5.337	-0.020	94	92784	10.0	10.1	
58 2,6-Dinitrotoluene	165	5.353	5.373	-0.020	71	20411	10.0	10.4	
59 Acenaphthylene	152	5.388	5.405	-0.017	97	132752	10.0	10.1	
60 3-Nitroaniline	138	5.468	5.491	-0.023	89	22491	10.0	9.91	
* 61 Acenaphthene-d10	164	5.500	5.514	-0.014	98	274517	40.0	40.0	
62 Acenaphthene	154	5.521	5.538	-0.017	71	73934	10.0	10.0	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.542	5.559	-0.017	95	69054	10.0	9.81	
64 2,4-Dinitrophenol	184	5.548	5.570	-0.022	48	21850	20.0	19.2	
65 4-Nitrophenol	65	5.604	5.629	-0.025	96	39298	20.0	19.8	
66 Dibenzofuran	168	5.654	5.671	-0.017	90	114130	10.0	10.1	
67 2,4-Dinitrotoluene	165	5.648	5.671	-0.023	86	26992	10.0	10.4	
68 2,3,4,6-Tetrachlorophenol	232	5.746	5.762	-0.016	89	24044	10.0	10.1	
69 Diethyl phthalate	149	5.852	5.877	-0.025	97	95987	10.0	10.1	
70 Fluorene	166	5.911	5.928	-0.017	79	93547	10.0	10.3	
71 4-Chlorophenyl phenyl ether	204	5.923	5.939	-0.016	83	43340	10.0	10.2	
72 4-Nitroaniline	138	5.923	5.954	-0.031	68	23061	10.0	10.3	
73 4,6-Dinitro-2-methylphenol	198	5.949	5.975	-0.026	61	28600	20.0	20.4	
74 N-Nitrosodiphenylamine	169	6.009	6.028	-0.019	39	66856	10.0	10.3	
75 1,2-Diphenylhydrazine	77	6.038	6.057	-0.019	72	95151	10.0	10.2	
$ 76 2,4,6-Tribromophenol	330	6.085	6.105	-0.020	95	17214	10.0	8.98	
77 4-Bromophenyl phenyl ether	248	6.286	6.303	-0.017	88	26892	10.0	10.1	
78 Hexachlorobenzene	284	6.316	6.335	-0.019	90	34430	10.0	10.5	
79 Atrazine	200	6.422	6.438	-0.016	87	25003	10.0	9.87	
80 Pentachlorophenol	266	6.466	6.486	-0.020	89	40476	20.0	20.5	
81 Pentachloronitrobenzene	237	6.478	6.495	-0.016	88	12600	10.0	9.93	
82 n-Octadecane	57	6.576	6.592	-0.016	88	89916	10.0	10.0	
* 83 Phenanthrene-d10	188	6.608	6.624	-0.016	98	498325	40.0	40.0	
84 Phenanthrene	178	6.623	6.642	-0.019	96	135450	10.0	10.2	
85 Anthracene	178	6.661	6.681	-0.020	97	139376	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.785	6.805	-0.020	83	130014	10.0	10.4	
88 Di-n-butyl phthalate	149	7.081	7.097	-0.017	100	155914	10.0	9.93	
89 Fluoranthene	202	7.506	7.525	-0.019	97	142818	10.0	9.99	
90 Benzidine	184	7.618	7.637	-0.019	99	80643	10.0	9.80	
91 Pyrene	202	7.671	7.691	-0.020	97	150074	10.0	10.1	
92 Bisphenol-A	213	7.730	7.750	-0.020	98	65529	10.0	9.88	
$ 93 Terphenyl-d14	244	7.807	7.827	-0.020	98	113537	10.0	9.16	
95 Butyl benzyl phthalate	149	8.194	8.214	-0.020	97	65593	10.0	9.82	
97 Carbamazepine	193	8.250	8.276	-0.026	92	54357	10.0	9.07	
99 3,3'-Dichlorobenzidine	252	8.589	8.612	-0.023	99	51257	10.0	9.65	
100 Benzo[a]anthracene	228	8.598	8.621	-0.023	99	139701	10.0	9.96	
* 98 Chrysene-d12	240	8.607	8.630	-0.023	99	475486	40.0	40.0	
101 Chrysene	228	8.628	8.654	-0.026	91	148104	10.0	10.4	
102 Bis(2-ethylhexyl) phthalate	149	8.681	8.701	-0.020	87	97746	10.0	9.71	
103 Di-n-octyl phthalate	149	9.277	9.307	-0.030	97	160109	10.0	9.54	
104 Benzo[b]fluoranthene	252	9.567	9.602	-0.035	97	127614	10.0	10.1	
105 Benzo[k]fluoranthene	252	9.593	9.632	-0.039	99	154394	10.0	10.6	
106 Benzo[a]pyrene	252	9.883	9.919	-0.036	95	132048	10.0	10.5	
* 107 Perylene-d12	264	9.942	9.975	-0.033	98	504034	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.005	11.056	-0.051	99	104784	10.0	10.2	M
109 Dibenz(a,h)anthracene	278	11.040	11.089	-0.049	54	124721	10.0	10.4	
110 Benzo[g,h,i]perylene	276	11.265	11.319	-0.054	96	136580	10.0	9.80	
S 117 Total Cresols	1				0			20.4	
131 2,6-Dichlorophenol	162	4.228	4.245	-0.017	78	35157	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L5_00003 Amount Added: 1.00 Units: mL

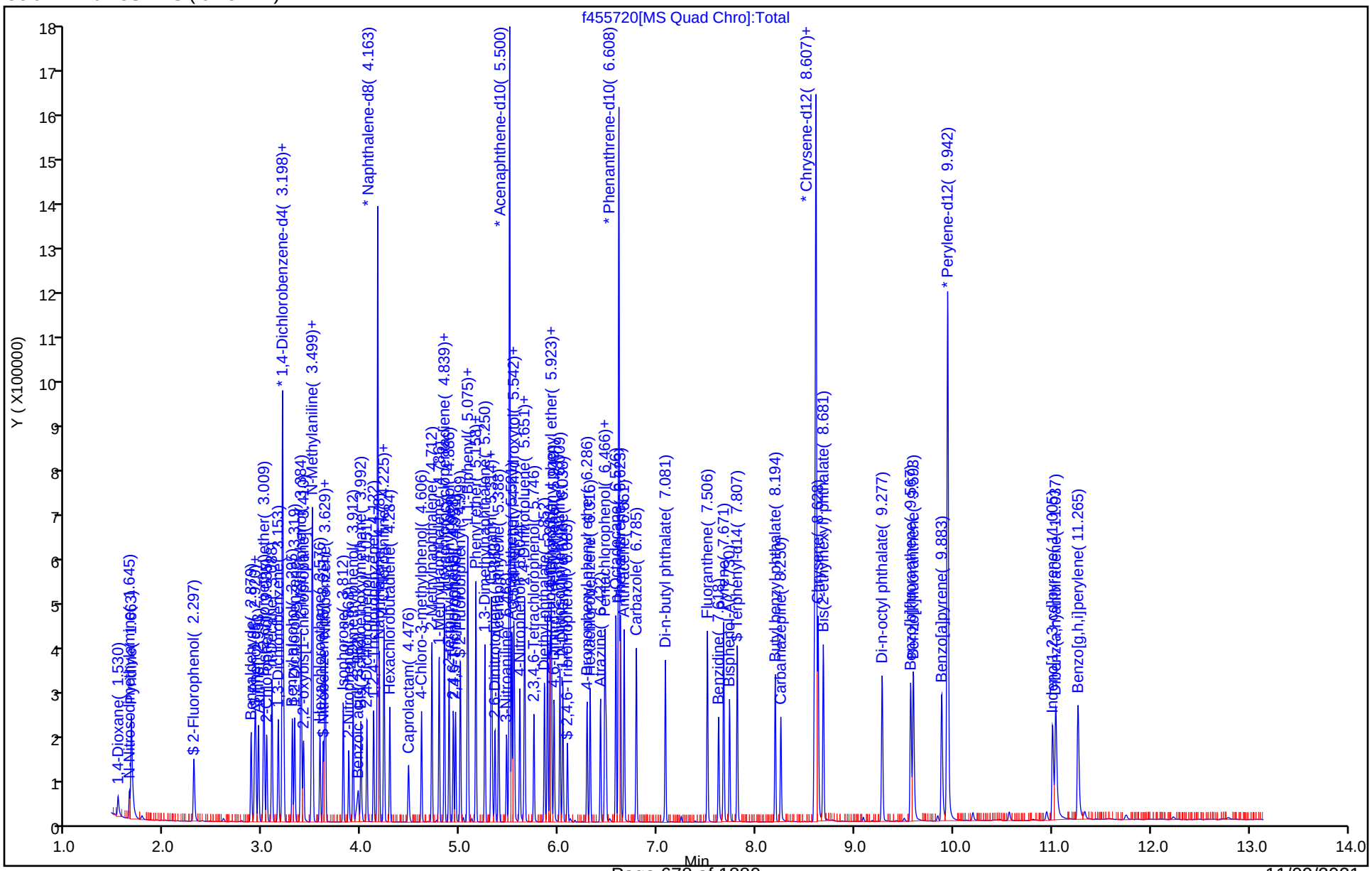
Report Date: 12-Oct-2021 13:23:57 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455720.D

Injection Date:	12-Oct-2021 11:33:20	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455721.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Oct-2021 11:50:34 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-007
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:24:01 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 12:15:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	78	8201	5.00	5.44	
2 N-Nitrosodimethylamine	74	1.645	1.651	-0.006	81	11848	5.00	5.09	
3 Pyridine	79	1.666	1.671	-0.005	76	40681	10.0	10.2	
$ 5 2-Fluorophenol	112	2.298	2.312	-0.014	89	20063	5.00	4.86	
7 Benzaldehyde	77	2.876	2.894	-0.018	89	17360	5.00	4.94	
$ 8 Phenol-d5	99	2.915	2.935	-0.021	92	24981	5.00	4.85	
9 Phenol	94	2.923	2.947	-0.024	97	25084	5.00	5.01	
10 Aniline	93	2.953	2.970	-0.017	46	31236	5.00	5.07	a
11 Bis(2-chloroethyl)ether	93	3.003	3.023	-0.020	86	21109	5.00	5.19	
12 2-Chlorophenol	128	3.036	3.056	-0.020	61	21365	5.00	5.15	
13 n-Decane	43	3.089	3.106	-0.017	91	30362	5.00	5.20	
14 1,3-Dichlorobenzene	146	3.154	3.171	-0.017	93	23623	5.00	5.14	
* 15 1,4-Dichlorobenzene-d4	152	3.195	3.212	-0.017	97	121362	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.210	3.224	-0.014	85	24585	5.00	5.24	
17 Benzyl alcohol	108	3.295	3.316	-0.021	89	13585	5.00	4.98	
18 1,2-Dichlorobenzene	146	3.319	3.336	-0.017	89	23159	5.00	5.21	
19 2-Methylphenol	108	3.381	3.398	-0.017	82	18595	5.00	5.04	
20 2,2'-oxybis[1-chloropropane]	45	3.407	3.428	-0.021	55	36639	5.00	5.01	
130 N-Methylaniline	106	3.490	3.511	-0.020	82	32707	5.00	5.00	
21 Acetophenone	105	3.496	3.519	-0.023	83	31264	5.00	5.22	
22 4-Methylphenol	108	3.499	3.522	-0.023	71	21467	5.00	5.09	
23 3 & 4 Methylphenol	108	3.499	3.522	-0.023	82	21467	5.00	5.09	
24 N-Nitrosodi-n-propylamine	70	3.502	3.528	-0.026	91	13574	5.00	5.19	
25 Hexachloroethane	117	3.576	3.593	-0.017	94	9608	5.00	5.25	
$ 26 Nitrobenzene-d5	82	3.608	3.629	-0.021	93	23445	5.00	4.90	
27 Nitrobenzene	123	3.623	3.643	-0.020	89	10354	5.00	5.31	
28 n,n'-Dimethylaniline	120	3.632	3.649	-0.017	89	31933	5.00	4.88	
29 Isophorone	82	3.812	3.835	-0.023	98	40823	5.00	5.14	
30 2-Nitrophenol	139	3.868	3.885	-0.017	86	10291	5.00	4.90	
31 2,4-Dimethylphenol	122	3.912	3.930	-0.018	89	17794	5.00	4.98	
32 Bis(2-chloroethoxy)methane	93	3.992	4.009	-0.017	94	25863	5.00	5.13	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	3.951	4.033	-0.082	63	9219	5.00	3.96	
34 2,4-Dichlorophenol	162	4.051	4.071	-0.020	92	17203	5.00	5.09	
35 1,2,4-Trichlorobenzene	180	4.119	4.136	-0.017	92	19423	5.00	5.31	
* 36 Naphthalene-d8	136	4.160	4.178	-0.018	99	467787	40.0	40.0	
37 Naphthalene	128	4.178	4.195	-0.017	98	62468	5.00	5.14	
38 4-Chloroaniline	127	4.222	4.243	-0.021	92	27039	5.00	5.27	
39 Hexachlorobutadiene	225	4.284	4.299	-0.015	92	11502	5.00	5.24	
40 Caprolactam	113	4.467	4.558	-0.091	85	5390	5.00	5.32	
41 4-Chloro-3-methylphenol	107	4.606	4.623	-0.017	95	17499	5.00	4.98	
42 2-Methylnaphthalene	142	4.712	4.726	-0.014	80	43125	5.00	5.19	
43 1-Methylnaphthalene	142	4.783	4.800	-0.017	92	38835	5.00	5.12	
44 Hexachlorocyclopentadiene	237	4.836	4.853	-0.017	77	12304	5.00	4.54	
45 1,2,4,5-Tetrachlorobenzene	216	4.839	4.856	-0.017	95	20177	5.00	5.10	
46 2-tertbutyl-4-methylphenol	149	4.886	4.903	-0.017	87	25049	5.00	4.94	
47 2,4,6-Trichlorophenol	196	4.928	4.945	-0.017	89	13054	5.00	5.00	
48 2,4,5-Trichlorophenol	196	4.951	4.968	-0.017	94	13593	5.00	4.85	
$ 50 2-Fluorobiphenyl	172	4.998	5.016	-0.018	97	48089	5.00	4.80	
51 1,1'-Biphenyl	154	5.072	5.089	-0.017	96	51982	5.00	5.10	
52 2-Chloronaphthalene	162	5.078	5.095	-0.017	95	40371	5.00	5.16	
53 Phenyl ether	170	5.155	5.172	-0.017	89	27875	5.00	4.98	
54 2-Nitroaniline	65	5.158	5.178	-0.020	71	15723	5.00	4.81	
55 1,3-Dimethylnaphthalene	156	5.249	5.267	-0.017	91	31234	5.00	4.87	
57 Coumarin	146	5.311	5.331	-0.020	77	15286	5.00	5.07	
56 Dimethyl phthalate	163	5.314	5.337	-0.023	95	46122	5.00	5.12	
58 2,6-Dinitrotoluene	165	5.350	5.373	-0.023	73	9404	5.00	4.88	
59 Acenaphthylene	152	5.388	5.405	-0.017	97	64095	5.00	5.01	
60 3-Nitroaniline	138	5.468	5.491	-0.023	89	10853	5.00	4.89	
* 61 Acenaphthene-d10	164	5.497	5.514	-0.017	99	268356	40.0	40.0	
62 Acenaphthene	154	5.521	5.538	-0.017	69	36766	5.00	5.09	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.539	5.559	-0.020	86	33678	5.00	4.89	
64 2,4-Dinitrophenol	184	5.548	5.570	-0.022	51	8970	10.0	9.39	
65 4-Nitrophenol	65	5.601	5.629	-0.028	95	18125	10.0	9.35	
66 Dibenzofuran	168	5.651	5.671	-0.020	90	56499	5.00	5.11	
67 2,4-Dinitrotoluene	165	5.648	5.671	-0.023	83	12858	5.00	5.05	
68 2,3,4,6-Tetrachlorophenol	232	5.745	5.762	-0.017	92	11272	5.00	4.86	
69 Diethyl phthalate	149	5.852	5.877	-0.025	97	46346	5.00	4.98	
70 Fluorene	166	5.908	5.928	-0.020	81	45434	5.00	5.10	
71 4-Chlorophenyl phenyl ether	204	5.923	5.939	-0.016	83	21216	5.00	5.12	
72 4-Nitroaniline	138	5.920	5.954	-0.034	70	10806	5.00	4.94	
73 4,6-Dinitro-2-methylphenol	198	5.949	5.975	-0.026	68	12233	10.0	8.85	
74 N-Nitrosodiphenylamine	169	6.008	6.028	-0.020	27	32260	5.00	5.03	
75 1,2-Diphenylhydrazine	77	6.038	6.057	-0.019	60	46483	5.00	5.05	
$ 76 2,4,6-Tribromophenol	330	6.085	6.105	-0.020	93	8898	5.00	4.75	
77 4-Bromophenyl phenyl ether	248	6.286	6.303	-0.017	88	13574	5.00	5.16	
78 Hexachlorobenzene	284	6.315	6.335	-0.020	91	16360	5.00	5.08	
79 Atrazine	200	6.419	6.438	-0.019	84	12446	5.00	4.99	
80 Pentachlorophenol	266	6.466	6.486	-0.020	88	18510	10.0	9.54	
81 Pentachloronitrobenzene	237	6.478	6.495	-0.016	83	5985	5.00	4.79	
82 n-Octadecane	57	6.575	6.592	-0.017	89	41224	5.00	4.66	
* 83 Phenanthrene-d10	188	6.608	6.624	-0.016	98	490416	40.0	40.0	
84 Phenanthrene	178	6.622	6.642	-0.020	98	66946	5.00	5.12	
85 Anthracene	178	6.661	6.681	-0.020	97	67375	5.00	5.02	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.785	6.805	-0.020	83	61725	5.00	5.00	
88 Di-n-butyl phthalate	149	7.077	7.097	-0.020	100	74552	5.00	4.83	
89 Fluoranthene	202	7.505	7.525	-0.020	98	68656	5.00	4.88	
90 Benzidine	184	7.617	7.637	-0.020	99	38614	5.00	4.77	
91 Pyrene	202	7.670	7.691	-0.021	97	72283	5.00	4.98	
92 Bisphenol-A	213	7.729	7.750	-0.021	98	30241	5.00	4.66	
$ 93 Terphenyl-d14	244	7.806	7.827	-0.021	98	59171	5.00	4.88	
95 Butyl benzyl phthalate	149	8.193	8.214	-0.021	98	29366	5.00	4.49	
97 Carbamazepine	193	8.249	8.276	-0.027	92	23181	5.00	3.95	
99 3,3'-Dichlorobenzidine	252	8.589	8.612	-0.023	97	24409	5.00	4.70	
100 Benzo[a]anthracene	228	8.597	8.621	-0.024	86	68197	5.00	4.97	
* 98 Chrysene-d12	240	8.606	8.630	-0.024	99	465358	40.0	40.0	
101 Chrysene	228	8.627	8.654	-0.027	89	72362	5.00	5.19	
102 Bis(2-ethylhexyl) phthalate	149	8.680	8.701	-0.021	89	44914	5.00	4.56	
103 Di-n-octyl phthalate	149	9.277	9.307	-0.030	96	70436	5.00	4.34	
104 Benzo[b]fluoranthene	252	9.566	9.602	-0.036	97	61039	5.00	4.99	
105 Benzo[k]fluoranthene	252	9.593	9.632	-0.039	95	74570	5.00	5.27	
106 Benzo[a]pyrene	252	9.882	9.919	-0.037	96	60615	5.00	5.00	
* 107 Perylene-d12	264	9.941	9.975	-0.034	98	487872	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.007	11.056	-0.049	99	45686	5.00	4.79	M
109 Dibenz(a,h)anthracene	278	11.039	11.089	-0.050	54	55694	5.00	4.81	
110 Benzo[g,h,i]perylene	276	11.261	11.319	-0.058	93	64711	5.00	4.80	
S 117 Total Cresols	1				0			10.1	
131 2,6-Dichlorophenol	162	4.228	4.245	-0.017	80	17486	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:24:05 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455721.D

Injection Date: 12-Oct-2021 11:50:34 Instrument ID: CBNAMS15 Operator ID:

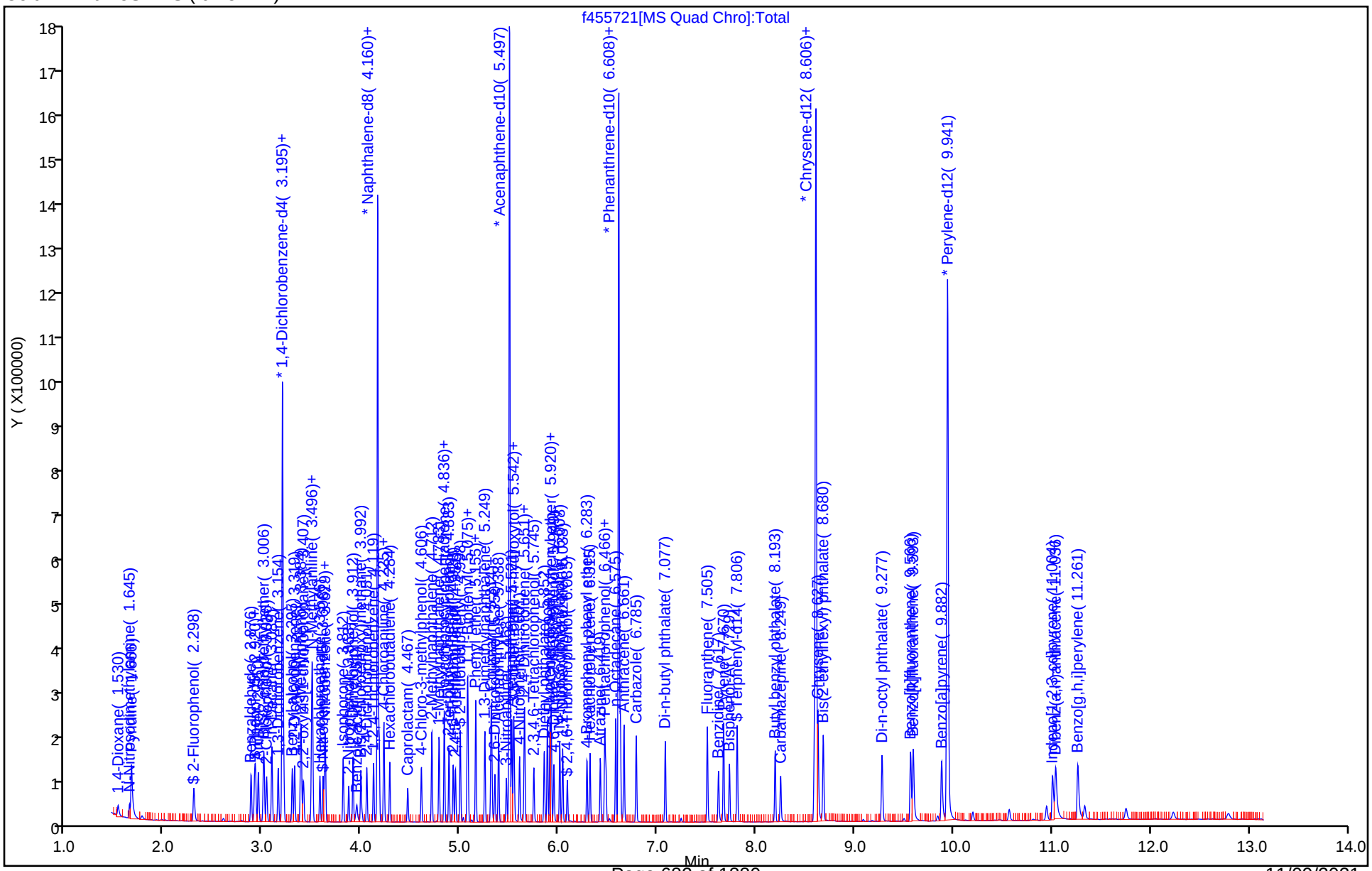
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455722.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 12-Oct-2021 12:07:47 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-008
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:24:08 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 12:33:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	88	3136	2.00	2.03	
$ 5 2-Fluorophenol	112	2.297	2.312	-0.015	89	10184	2.00	2.40	
7 Benzaldehyde	77	2.876	2.894	-0.018	88	7198	2.00	2.00	
$ 8 Phenol-d5	99	2.911	2.935	-0.024	98	12552	2.00	2.38	
11 Bis(2-chloroethyl)ether	93	3.000	3.023	-0.023	87	8354	2.00	2.00	
* 15 1,4-Dichlorobenzene-d4	152	3.195	3.212	-0.017	97	124539	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.502	3.528	-0.026	94	5195	2.00	1.94	
25 Hexachloroethane	117	3.575	3.593	-0.018	92	3605	2.00	1.92	
$ 26 Nitrobenzene-d5	82	3.608	3.629	-0.021	92	11353	2.00	2.32	
27 Nitrobenzene	123	3.622	3.643	-0.021	86	3962	2.00	1.98	
28 n,n'-Dimethylaniline	120	3.631	3.649	-0.018	84	13394	2.00	2.00	
29 Isophorone	82	3.811	3.835	-0.024	98	15717	2.00	1.94	
34 2,4-Dichlorophenol	162	4.050	4.071	-0.021	91	6460	2.00	1.87	
35 1,2,4-Trichlorobenzene	180	4.121	4.136	-0.015	90	7399	2.00	1.98	
* 36 Naphthalene-d8	136	4.162	4.178	-0.016	99	478517	40.0	40.0	
39 Hexachlorobutadiene	225	4.283	4.299	-0.016	93	4522	2.00	2.01	
40 Caprolactam	113	4.460	4.558	-0.098	84	2148	2.00	2.37	
47 2,4,6-Trichlorophenol	196	4.927	4.945	-0.018	87	4993	2.00	1.90	
$ 50 2-Fluorobiphenyl	172	4.998	5.016	-0.018	97	24242	2.00	2.40	
58 2,6-Dinitrotoluene	165	5.349	5.373	-0.024	66	3566	2.00	1.84	
* 61 Acenaphthene-d10	164	5.499	5.514	-0.015	98	270371	40.0	40.0	
64 2,4-Dinitrophenol	184	5.547	5.570	-0.023	38	2389	4.00	4.14	
67 2,4-Dinitrotoluene	165	5.647	5.671	-0.024	84	4497	2.00	1.75	
73 4,6-Dinitro-2-methylphenol	198	5.948	5.975	-0.027	64	4057	4.00	2.91	
$ 76 2,4,6-Tribromophenol	330	6.084	6.105	-0.021	90	4410	2.00	2.34	
78 Hexachlorobenzene	284	6.314	6.335	-0.021	87	6615	2.00	2.04	
79 Atrazine	200	6.418	6.438	-0.020	81	4838	2.00	1.92	
80 Pentachlorophenol	266	6.465	6.486	-0.021	83	6511	4.00	3.33	
* 83 Phenanthrene-d10	188	6.607	6.624	-0.017	99	494517	40.0	40.0	
$ 93 Terphenyl-d14	244	7.808	7.827	-0.019	97	28507	2.00	2.34	
99 3,3'-Dichlorobenzidine	252	8.590	8.612	-0.022	98	9281	2.00	1.78	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 Benzo[a]anthracene	228	8.599	8.621	-0.022	57	25964	2.00	1.89	
* 98 Chrysene-d12	240	8.605	8.630	-0.025	99	466596	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.567	9.602	-0.035	96	22261	2.00	1.81	
105 Benzo[k]fluoranthene	252	9.594	9.632	-0.038	98	27476	2.00	1.93	
106 Benzo[a]pyrene	252	9.883	9.919	-0.036	95	22187	2.00	1.82	
* 107 Perylene-d12	264	9.942	9.975	-0.033	98	489817	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.007	11.056	-0.049	98	15209	2.00	1.76	M
109 Dibenz(a,h)anthracene	278	11.040	11.089	-0.049	52	21054	2.00	1.81	
131 2,6-Dichlorophenol	162	4.227	4.245	-0.018	78	6422	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L3_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:24:10 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455722.D

Injection Date: 12-Oct-2021 12:07:47 Instrument ID: CBNAMS15 Operator ID:

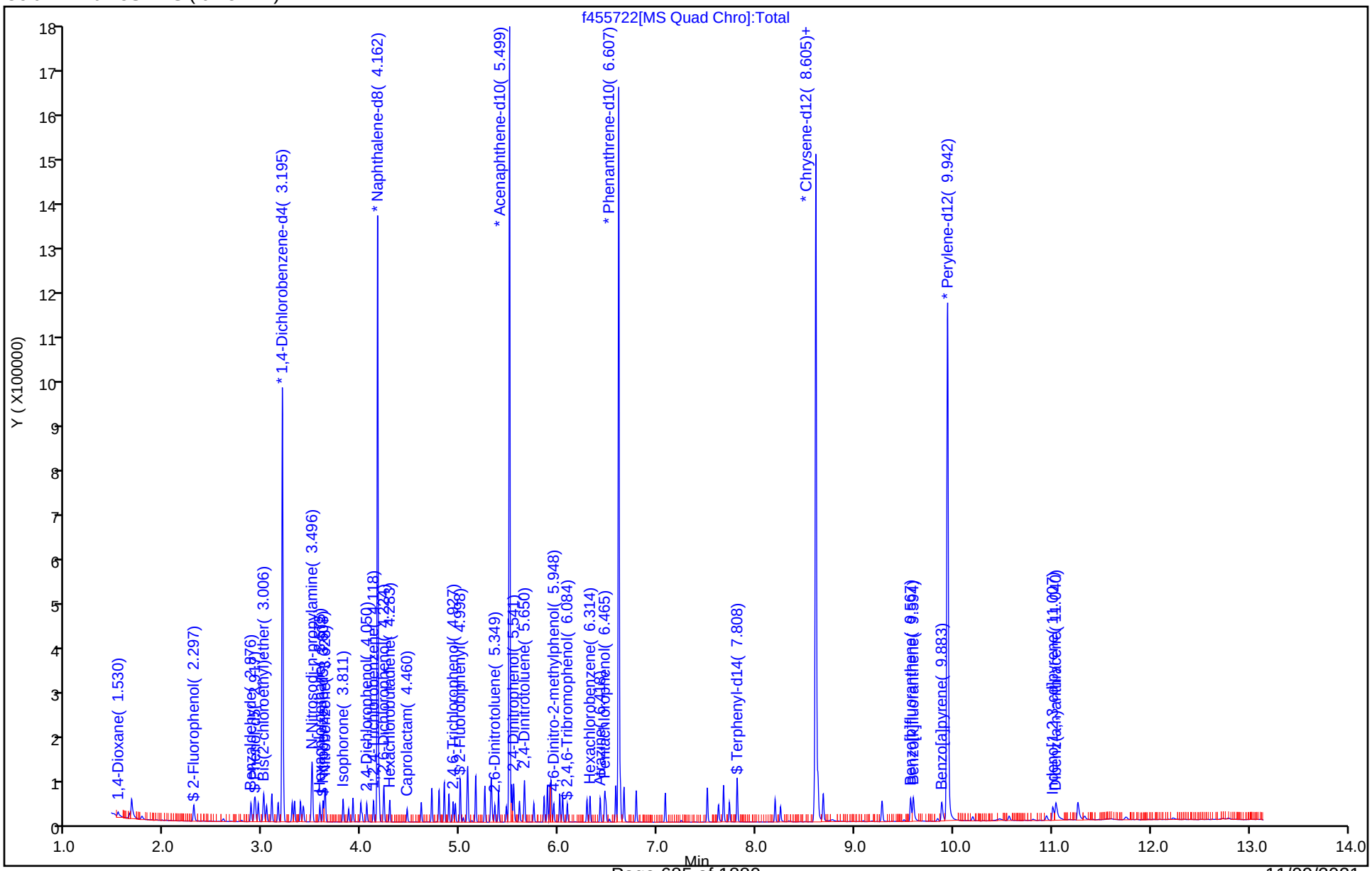
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455723.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Oct-2021 12:24:58 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-009
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:24:12 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 12:47:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.530	1.536	-0.006	87	1394	1.00	0.9126	
$ 5 2-Fluorophenol	112	2.297	2.312	-0.015	88	4472	1.00	1.07	
7 Benzaldehyde	77	2.876	2.894	-0.018	86	3740	1.00	1.05	
$ 8 Phenol-d5	99	2.911	2.935	-0.024	93	5154	1.00	0.9887	
11 Bis(2-chloroethyl)ether	93	3.000	3.023	-0.023	85	4217	1.00	1.02	
* 15 1,4-Dichlorobenzene-d4	152	3.194	3.212	-0.018	98	122915	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.501	3.528	-0.027	89	2592	1.00	0.9785	
25 Hexachloroethane	117	3.575	3.593	-0.018	91	1772	1.00	0.9560	
$ 26 Nitrobenzene-d5	82	3.608	3.629	-0.021	91	5095	1.00	1.05	
27 Nitrobenzene	123	3.622	3.643	-0.021	86	1999	1.00	1.01	
28 n,n'-Dimethylaniline	120	3.628	3.649	-0.021	74	6890	1.00	1.04	
35 1,2,4-Trichlorobenzene	180	4.118	4.136	-0.018	90	3635	1.00	0.9842	
* 36 Naphthalene-d8	136	4.159	4.178	-0.019	99	472590	40.0	40.0	
39 Hexachlorobutadiene	225	4.283	4.299	-0.016	88	2120	1.00	0.9557	
40 Caprolactam	113	4.457	4.558	-0.101	84	847	1.00	1.15	a
$ 50 2-Fluorobiphenyl	172	4.997	5.016	-0.019	96	10624	1.00	1.06	
58 2,6-Dinitrotoluene	165	5.348	5.373	-0.025	44	1755	1.00	0.9143	
* 61 Acenaphthene-d10	164	5.496	5.514	-0.018	98	267420	40.0	40.0	
67 2,4-Dinitrotoluene	165	5.647	5.671	-0.024	66	2125	1.00	0.8373	a
$ 76 2,4,6-Tribromophenol	330	6.083	6.105	-0.022	87	1854	1.00	0.99	
78 Hexachlorobenzene	284	6.314	6.335	-0.021	82	3201	1.00	1.00	
79 Atrazine	200	6.417	6.438	-0.021	83	2387	1.00	0.9599	
* 83 Phenanthrene-d10	188	6.606	6.624	-0.018	99	489035	40.0	40.0	
$ 93 Terphenyl-d14	244	7.807	7.827	-0.020	97	12705	1.00	1.07	
100 Benzo[a]anthracene	228	8.598	8.621	-0.023	51	13467	1.00	1.00	
* 98 Chrysene-d12	240	8.604	8.630	-0.026	99	455423	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.566	9.602	-0.036	98	10008	1.00	0.8318	
105 Benzo[k]fluoranthene	252	9.592	9.632	-0.040	92	13176	1.00	0.9466	
106 Benzo[a]pyrene	252	9.882	9.919	-0.037	95	9619	1.00	0.8069	
* 107 Perylene-d12	264	9.938	9.975	-0.037	98	479549	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.009	11.056	-0.047	97	6661	1.00	0.9242	M

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
109 Dibenz(a,h)anthracene	278	11.042	11.089	-0.047	44	9366	1.00	0.8227	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L2_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:24:14 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455723.D

Injection Date: 12-Oct-2021 12:24:58 Instrument ID: CBNAMS15 Operator ID:

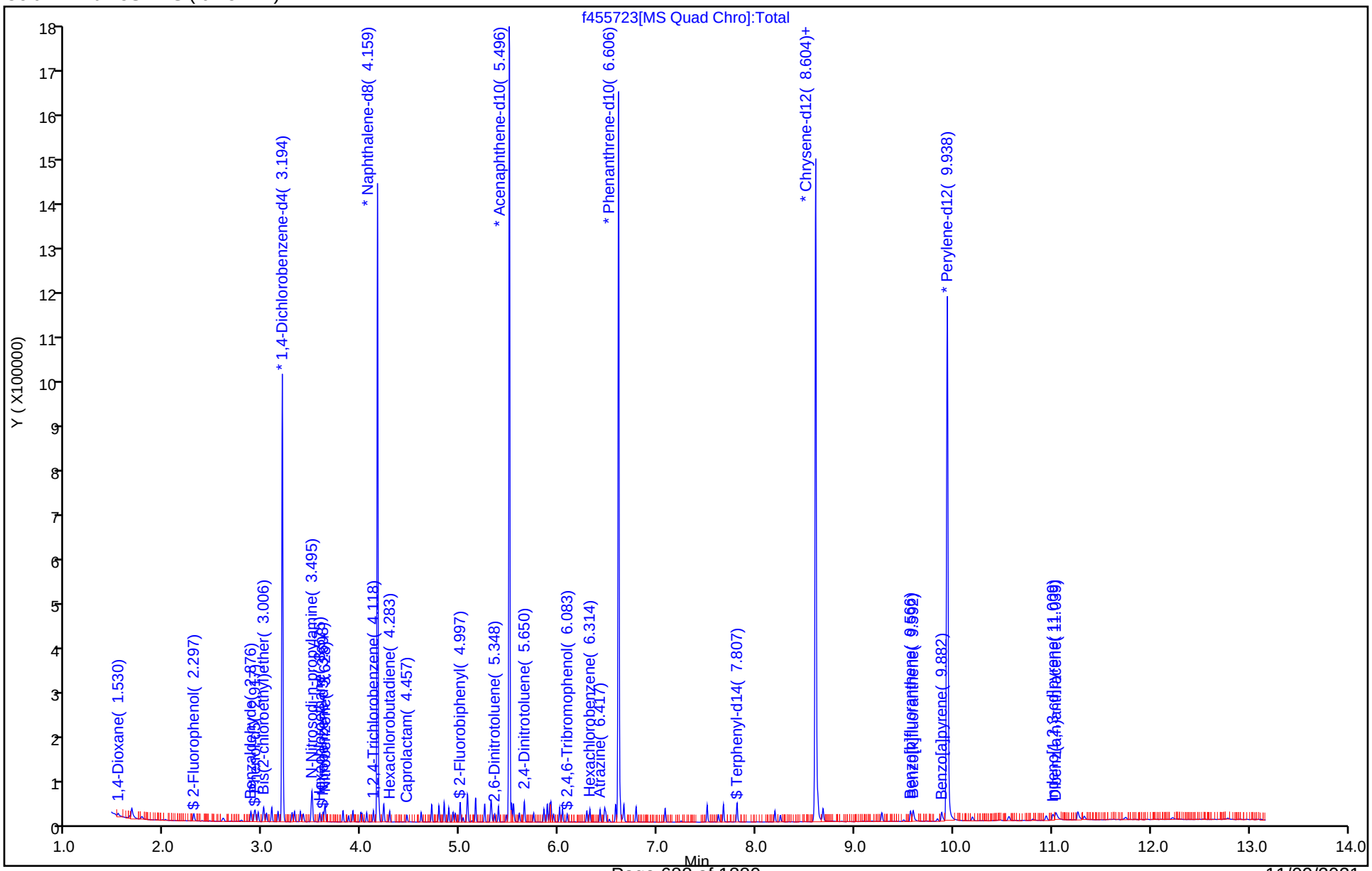
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Oct-2021 12:42:09 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-010
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:24:16 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 13:05:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.533	1.536	-0.003	75	610	0.5000	0.3985	
$ 8 Phenol-d5	99	2.913	2.935	-0.022	97	2704	0.5000	0.5177	
11 Bis(2-chloroethyl)ether	93	3.002	3.023	-0.021	84	2096	0.5000	0.5081	
* 15 1,4-Dichlorobenzene-d4	152	3.197	3.212	-0.015	97	123162	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.504	3.528	-0.024	91	1250	0.5000	0.4709	
25 Hexachloroethane	117	3.574	3.593	-0.019	90	1008	0.5000	0.5427	
$ 26 Nitrobenzene-d5	82	3.607	3.629	-0.022	92	2628	0.5000	0.5421	
27 Nitrobenzene	123	3.622	3.643	-0.021	85	832	0.5000	0.4208	
28 n,n'-Dimethylaniline	120	3.630	3.649	-0.019	80	3444	0.5000	0.5188	
35 1,2,4-Trichlorobenzene	180	4.120	4.136	-0.016	91	1868	0.5000	0.5048	
* 36 Naphthalene-d8	136	4.162	4.178	-0.016	99	473496	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	5.000	5.016	-0.016	96	5331	0.5000	0.5310	
* 61 Acenaphthene-d10	164	5.498	5.514	-0.016	99	269110	40.0	40.0	
78 Hexachlorobenzene	284	6.316	6.335	-0.019	70	1474	0.5000	0.4571	
* 83 Phenanthrene-d10	188	6.605	6.624	-0.019	99	491136	40.0	40.0	
$ 93 Terphenyl-d14	244	7.806	7.827	-0.021	95	5952	0.5000	0.5023	
100 Benzo[a]anthracene	228	8.600	8.621	-0.021	48	7115	0.5000	0.5304	
* 98 Chrysene-d12	240	8.606	8.630	-0.024	99	454530	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.568	9.602	-0.034	96	4759	0.5000	0.3992	
105 Benzo[k]fluoranthene	252	9.597	9.632	-0.035	69	5537	0.5000	0.4015	
106 Benzo[a]pyrene	252	9.887	9.919	-0.032	94	4600	0.5000	0.3895	
* 107 Perylene-d12	264	9.940	9.975	-0.035	98	475118	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.017	11.056	-0.039	94	2828	0.5000	0.5343	M
109 Dibenz(a,h)anthracene	278	11.052	11.089	-0.037	49	4042	0.5000	0.3583	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SV_BNA_L1_00003 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:24:18 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Injection Date: 12-Oct-2021 12:42:09 Instrument ID: CBNAMS15 Operator ID:

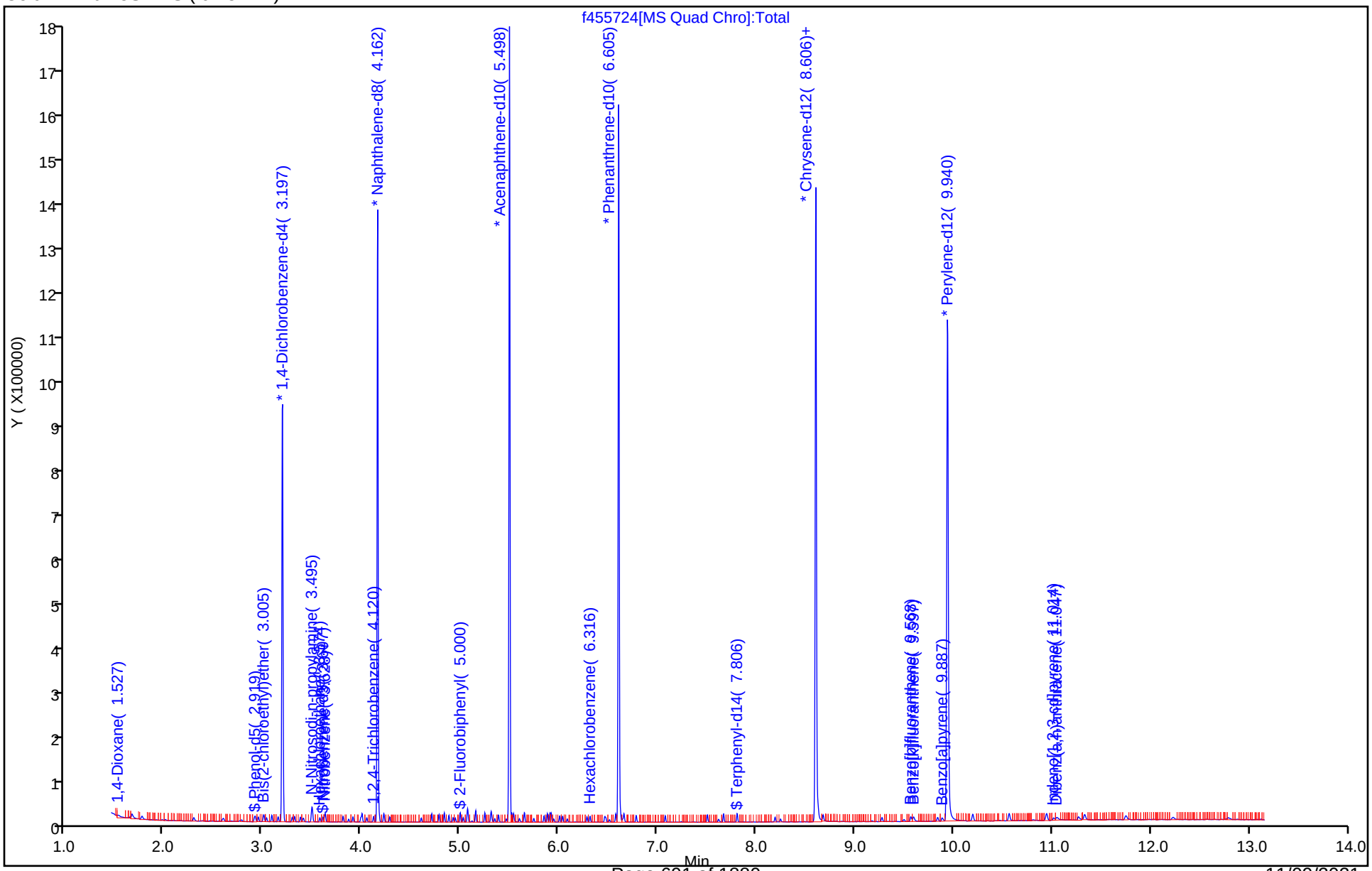
Lims ID: STD05 Worklist Smp#: 10

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-810116/10	X37354.d
Level 2	STD1 460-810116/9	X37353.d
Level 3	STD2 460-810116/8	X37352.d
Level 4	STD5 460-810116/7	X37351.d
Level 5	STD10 460-810116/6	X37350.d
Level 6	STD20 460-810116/5	X37349.d
Level 7	ICIS 460-810116/2	X37346.d
Level 8	STD80 460-810116/4	X37348.d
Level 9	STD120 460-810116/3	X37347.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4065 0.4726	0.4740 0.4384	0.4900 0.4405	0.4559 0.4254	0.4714	Ave		0.4527			0.0100	6.0		20.0			
N-Nitrosodimethylamine	0.8358	0.7666	0.7747	0.8215 0.7478	0.8039	Ave		0.7917			0.0100	4.3		20.0			
Pyridine	1.2543	1.2107	1.1853	1.2541 1.1562	1.2286	Ave		1.2149			0.0100	3.2		20.0			
Benzaldehyde	1.2081	1.2958 +++++	1.2222 +++++	1.2386 +++++	1.1455	Ave		1.2220			0.0100	4.4		20.0			
Phenol	1.6486	1.7414	1.7023	1.7419 1.6566	1.6726	Ave		1.6939			0.8000	2.4		20.0			
Aniline	2.0409	2.0017	1.9721	2.0732 1.9125	2.0625	Ave		2.0105			0.0100	3.0		20.0			
Bis(2-chloroethyl)ether	1.2559 1.2624	1.2743 1.2264	1.2474 1.1918	1.2934 1.1563	1.2857	Ave		1.2437			0.7000	3.6		20.0			
2-Chlorophenol	1.4312	1.4225	1.4000	1.4214 1.3675	1.4491	Ave		1.4153			0.8000	2.0		20.0			
n-Decane	2.2435	2.0391	2.0266	2.3293 1.9210	2.1946	Ave		2.1257			0.0100	7.3		20.0			
1,3-Dichlorobenzene	1.4777	1.4859	1.4879	1.5416 1.4275	1.5289	Ave		1.4916			0.0100	2.7		20.0			
1,4-Dichlorobenzene	1.5186	1.5236	1.5267	1.6130 1.4435	1.5506	Ave		1.5293			0.0100	3.6		20.0			
Benzyl alcohol	0.9110	0.8886	0.8782	0.9065 0.8523	0.9037	Ave		0.8900			0.0100	2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4213	1.4397	1.4331	1.4911 1.3925	1.5001	Ave		1.4463			0.0100	2.9		20.0			
2-Methylphenol	1.2197	1.1856	1.1892	1.2108 1.1264	1.2511	Ave		1.1971			0.7000	3.5		20.0			
2,2'-oxybis[1-chloropropane]	2.8550	2.7498	2.5769	2.9344 2.4384	2.9009	Ave		2.7426			0.0100	7.2		20.0			
N-Methylaniline	2.2009	2.0073	2.1026	2.2002 2.0785	2.1160	Ave		2.1176			0.0100	3.5		20.0			
3 & 4 Methylphenol	1.3856	1.3376	1.2822	1.4147 1.2458	1.4045	Ave		1.3451			0.0100	5.1		20.0			
4-Methylphenol	1.3856	1.3376	1.2822	1.4147 1.2458	1.4045	Ave		1.3451			0.6000	5.1		20.0			
N-Nitrosodi-n-propylamine	1.0539 1.0096	1.0421 0.9816	0.9698 0.9315	1.0678 0.9169	1.0438	Ave		1.0019			0.5000	5.5		20.0			
Acetophenone	1.9825	1.8716	1.7686	2.0878 1.7162	1.9946	Ave		1.9035			0.0100	7.5		20.0			
Hexachloroethane	0.5719 0.5603	0.5251 0.5766	0.5371 0.5667	0.5883 0.5511	0.5981	Ave		0.5639			0.3000	4.2		20.0			
Nitrobenzene	0.6384 0.6718	0.6608 0.6774	0.6913 0.6545	0.6828 0.6184	0.6843	Ave		0.6644			0.2000	3.6		20.0			
n,n'-Dimethylaniline	2.1339 2.1707	2.1668 2.0620	2.0399 2.0688	2.1365 2.0039	2.0583	Ave		2.0934			0.0100	2.9		20.0			
Isophorone	0.6561	0.6441	0.6623 0.6251	0.6834 0.6197	0.6925	Ave		0.6547			0.4000	4.2		20.0			
2-Nitrophenol	0.1898	0.1918	0.1893	0.1821 0.1856	0.1896	Ave		0.1880			0.1000	1.9		20.0			
2,4-Dimethylphenol	0.3016	0.3055	0.3039	0.3301 0.3061	0.3225	Ave		0.3116			0.2000	3.8		20.0			
Benzoic acid	0.1580	0.1845	0.2109	0.0430 0.2185	0.1169	Lin2	-0.881	0.2127			0.0100				0.9960		0.9900
Bis(2-chloroethoxy)methane	0.4011	0.3861	0.3768	0.4179 0.3701	0.4113	Ave		0.3939			0.3000	4.9		20.0			
2,4-Dichlorophenol	0.2851	0.2954	0.2589 0.2907	0.2994 0.2914	0.3048	Ave		0.2894			0.2000	5.1		20.0			
1,2,4-Trichlorobenzene	0.2991 0.3099	0.2926 0.3376	0.2953 0.3150	0.3257 0.3097	0.3256	Ave		0.3123			0.0100	4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0141	1.0041	1.0033	1.0655 0.9681	1.0676	Ave		1.0205			0.7000	3.8		20.0			
4-Chloroaniline	0.4487	0.4392	0.4327	0.4700 0.4189	0.4621	Ave		0.4453			0.0100	4.3		20.0			
2,6-Dichlorophenol	0.2873	0.2915	0.2597 0.2853	0.3017 0.2781	0.3032	Ave		0.2867				5.2		20.0			
Hexachlorobutadiene	0.1965	0.1729 0.2048	0.1985 0.2057	0.2139 0.2052	0.2113	Ave		0.2011			0.0100	6.4		20.0			
Caprolactam	0.0938	0.0469 0.0864	0.0707 0.0886	0.0907 0.0776	0.0838	Qua1	-0.061	0.1052	-0.000737						0.9980		0.9900
4-Chloro-3-methylphenol	0.2887	0.2837	0.2811	0.3022 0.2728	0.2979	Ave		0.2877			0.2000	3.8		20.0			
2-Methylnaphthalene	0.6868	0.6864	0.6874	0.7390 0.6741	0.7477	Ave		0.7036			0.4000	4.5		20.0			
1-Methylnaphthalene	0.6304	0.6435	0.6310	0.6816 0.6217	0.6607	Ave		0.6448			0.0100	3.5		20.0			
Hexachlorocyclopentadiene	0.4667	0.5232	0.5174	0.4970 0.4866	0.4985	Ave		0.4982			0.0500	4.1		20.0			
1,2,4,5-Tetrachlorobenzene	0.5789	0.6939	0.6194	0.6304 0.6027	0.6323	Ave		0.6263			0.0100	6.2		20.0			
2-tertbutyl-4-methylphenol	0.4397	0.4344	0.4348	0.4296 0.4453	0.4369	Ave		0.4368			0.0100	1.2		20.0			
2,4,6-Trichlorophenol	0.3925	0.4668	0.3292 0.3922	0.3744 0.4105	0.3936	Ave		0.3942			0.2000	10.4		20.0			
2,4,5-Trichlorophenol	0.4318	0.4945	0.4674	0.4619 0.4245	0.4743	Ave		0.4591			0.2000	5.8		20.0			
1,1'-Biphenyl	1.4280	1.5989	1.4323	1.5280 1.3342	1.5186	Ave		1.4733			0.0100	6.4		20.0			
2-Chloronaphthalene	1.1180	1.2587	1.1060	1.1954 1.0651	1.1869	Ave		1.1550			0.8000	6.2		20.0			
Phenyl ether	0.8104	0.8563	0.8199	0.8196 0.7934	0.7981	Ave		0.8163			0.0100	2.7		20.0			
2-Nitroaniline	0.4455	0.4807	0.4413	0.4720 0.4229	0.4546	Ave		0.4528			0.0100	4.7		20.0			
1,3-Dimethylnaphthalene	0.9051	1.0077	0.9011	0.9238 0.8774	0.8930	Ave		0.9180			0.0100	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.2774	1.4365	1.2738	1.4093 1.2217	1.3882	Ave		1.3345			0.0100	6.6		20.0			
Coumarin	0.2610	0.2444	0.2450	0.2546 0.2529	0.2528	Ave		0.2518			0.0100	2.5		20.0			
2,6-Dinitrotoluene	0.2889	0.2882 0.3205	0.2838 0.2866	0.2945 0.2772	0.2962	Ave		0.2920			0.2000	4.4		20.0			
Acenaphthylene	1.8510	1.9304	1.8247	1.9916 1.7471	1.9286	Ave		1.8789			0.9000	4.7		20.0			
3-Nitroaniline	0.3302	0.3616	0.3216	0.3409 0.3121	0.3501	Ave		0.3361			0.0100	5.5		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0501	1.1454	1.0771	1.0562 1.0546	1.0677	Ave		1.0752			0.0100	3.3		20.0			
Acenaphthene	1.1724	1.3509	1.2059	1.1889 1.1523	1.2083	Ave		1.2131			0.9000	5.8		20.0			
2,4-Dinitrophenol	0.1771	0.2193	0.0632 0.2023	0.1226 0.2024	0.1689	Lin2	-0.597	0.2031			0.0100				0.9940		0.9900
4-Nitrophenol	0.2443	0.2690	0.2504	0.2168 0.2523	0.2451	Ave		0.2463			0.0100	6.9		20.0			
2,4-Dinitrotoluene	0.3894	0.3911 0.4323	0.3694 0.3883	0.4012 0.3747	0.4097	Ave		0.3945			0.2000	5.1		20.0			
Dibenzofuran	1.5877	1.7648	1.5757	1.6985 1.4814	1.7116	Ave		1.6366			0.8000	6.5		20.0			
2,3,4,6-Tetrachlorophenol	0.3497	0.4090	0.3719	0.3584 0.3621	0.3841	Ave		0.3725			0.0100	5.7		20.0			
Diethyl phthalate	1.3143	1.4471	1.3015	1.4007 1.2610	1.4026	Ave		1.3545			0.0100	5.3		20.0			
4-Chlorophenyl phenyl ether	0.6353	0.7036	0.6330	0.6796 0.5934	0.6673	Ave		0.6521			0.4000	6.0		20.0			
Fluorene	1.2641	1.3984	1.2439	1.3291 1.1867	1.3427	Ave		1.2942			0.9000	5.9		20.0			
4-Nitroaniline	0.3408	0.3720	0.3287	0.3365 0.3191	0.3475	Ave		0.3408			0.0100	5.3		20.0			
4,6-Dinitro-2-methylphenol	0.1290	0.1424	0.0865 0.1335	0.1115 0.1296	0.1306	Ave		0.1233			0.0100	15.1		20.0			
N-Nitrosodiphenylamine	0.4941	0.5342	0.5016	0.5110 0.4865	0.5317	Ave		0.5099			0.0100	3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6406	0.6881	0.6275	0.6611 0.6146	0.6723	Ave		0.6507			0.0100	4.3		20.0			
4-Bromophenyl phenyl ether	0.2058	0.2384	0.2266	0.2184 0.2212	0.2270	Ave		0.2229			0.1000	4.9		20.0			
Hexachlorobenzene	0.2829 0.2699	0.2534 0.3100	0.2842 0.2953	0.2842 0.2950	0.2910	Ave		0.2851			0.1000	5.7		20.0			
Atrazine	0.2041	0.2037 0.2095	0.2012 0.2134	0.1911 0.2045	0.1986	Ave		0.2033			0.0100	3.3		20.0			
Pentachlorophenol	0.1672	0.1930	0.1449 0.1827	0.1568 0.1837	0.1783	Ave		0.1724			0.0500	9.8		20.0			
Pentachloronitrobenzene	0.1081	0.1171	0.1121	0.1092 0.1118	0.1068	Ave		0.1109			0.0100	3.3		20.0			
n-Octadecane	0.5832	0.5997	0.5594	0.5942 0.5283	0.6117	Ave		0.5794			0.0100	5.3		20.0			
Phenanthrene	1.0172	1.0880	1.0166	1.0459 0.9715	1.0684	Ave		1.0346			0.7000	4.0		20.0			
Anthracene	1.0414	1.1143	1.0411	1.0819 1.0069	1.0800	Ave		1.0609			0.7000	3.6		20.0			
Carbazole	0.9672	1.0095	0.9425	0.9942 0.9246	0.9837	Ave		0.9703			0.0100	3.3		20.0			
Di-n-butyl phthalate	1.2107	1.2699	1.1775	1.2281 1.1530	1.2694	Ave		1.2181			0.0100	3.9		20.0			
Fluoranthene	1.1408	1.2385	1.1242	1.1610 1.1194	1.1889	Ave		1.1621			0.6000	3.9		20.0			
Benzidine	0.7453	0.6704	0.7061	0.6834 0.7131	0.7251	Ave		0.7072			0.0100	3.9		20.0			
Pyrene	1.1988	1.2843	1.2238	1.2795 1.1492	1.2719	Ave		1.2346			0.6000	4.4		20.0			
Bisphenol-A	0.5716	0.6097	0.6021	0.5346 0.5958	0.5574	Ave		0.5785				5.0		20.0			
Butyl benzyl phthalate	0.5258	0.5624	0.5213	0.5137 0.5023	0.5337	Ave		0.5265			0.0100	3.9		20.0			
2,3,7,8-TCDD		0.2051				Ave		0.2051			0.0100			20.0			
Carbamazepine	0.4947	0.5066	0.5294	0.4430 0.5176	0.4656	Ave		0.4928			0.0100	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dichlorobenzidine	0.4857	0.5123	0.4284 0.4856	0.4601 0.4638	0.4536	Ave		0.4699			0.0100	5.8		20.0			
Benzo[a]anthracene	1.3550 1.1930	1.2741 1.2475	1.2452 1.2235	1.2653 1.1627	1.2584	Ave		1.2472			0.8000	4.3		20.0			
Chrysene	1.1917	1.2050	1.1231	1.2354 1.0917	1.2087	Ave		1.1759			0.7000	4.7		20.0			
Bis(2-ethylhexyl) phthalate	0.7634	0.8150	0.7755	0.7668 0.7219	0.7805	Ave		0.7705			0.0100	3.9		20.0			
Di-n-octyl phthalate	1.1851	1.3375	1.2195	1.1729 1.1552	1.2246	Ave		1.2158			0.0100	5.4		20.0			
Benzo[b]fluoranthene	1.0112 1.1389	1.1486 1.2539	1.0598 1.1818	1.1562 1.1945	1.1429	Ave		1.1431			0.7000	6.3		20.0			
Benzo[k]fluoranthene	1.0759 1.1828	1.1180 1.2990	1.1332 1.2124	1.2088 1.1088	1.2190	Ave		1.1731			0.7000	6.0		20.0			
Benzo[a]pyrene	0.9342 1.0885	1.0332 1.2303	1.0289 1.1392	1.1022 1.0899	1.1339	Ave		1.0867			0.7000	7.7		20.0			
Indeno[1,2,3-cd]pyrene	0.9956 1.1604	1.0085 1.3395	0.9996 1.2414	1.0706 1.2317	1.1337	Ave		1.1312			0.5000	10.9		20.0			
Dibenz(a,h)anthracene	1.0383 1.2015	1.0683 1.3142	1.0928 1.2801	1.1852 1.2198	1.1989	Ave		1.1777			0.4000	8.0		20.0			
Benzo[g,h,i]perylene	1.1896	1.3240	1.2470	1.1870 1.1920	1.2163	Ave		1.2260			0.5000	4.3		20.0			
2-Fluorophenol	1.4237	1.4485 1.2603	1.5576 1.3366	1.3057 1.3226	1.2382	Ave		1.3616			0.0100	7.9		20.0			
Phenol-d5	1.6454 1.7065	1.6814 1.5203	2.0082 1.5968	1.6630 1.5706	1.5035	Ave		1.6551			0.0100	9.1		20.0			
Nitrobenzene-d5	0.4659 0.3883	0.4732 0.3533	0.4724 0.3781	0.3868 0.3709	0.3597	Ave		0.4054			0.0100	12.4		20.0			
2-Fluorobiphenyl	1.5908 1.4127	1.5557 1.4365	1.7580 1.4154	1.4033 1.3301	1.3201	Ave		1.4692			0.0100	9.6		20.0			
2,4,6-Tribromophenol	0.3017	0.3173 0.3308	0.3592 0.3208	0.3014 0.3254	0.2902	Ave		0.3184			0.0100	6.8		20.0			
Terphenyl-d14	1.0583 1.0728	1.1853 1.0505	1.3119 1.0670	1.0689 1.0192	0.9987	Ave		1.0925			0.0100	8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-810116/10	X37354.d
Level 2	STD1 460-810116/9	X37353.d
Level 3	STD2 460-810116/8	X37352.d
Level 4	STD5 460-810116/7	X37351.d
Level 5	STD10 460-810116/6	X37350.d
Level 6	STD20 460-810116/5	X37349.d
Level 7	ICIS 460-810116/2	X37346.d
Level 8	STD80 460-810116/4	X37348.d
Level 9	STD120 460-810116/3	X37347.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd 4	Ave	312	751	1652	4074	8771	0.500	1.00	2.00	5.00	10.0
			16299	44346	65742	101418		20.0	50.0	80.0	120	
N-Nitrosodimethylamine	DCBd 4	Ave				7342	14957				5.00	10.0
			28829	77547	115604	178263		20.0	50.0	80.0	120	
Pyridine	DCBd 4	Ave				22416	45718				10.0	20.0
			86524	244940	353777	551251		40.0	100	160	240	
Benzaldehyde	DCBd 4	Ave		2053	4121	11069	21314		1.00	2.00	5.00	10.0
			33336	+++++	+++++	+++++		16.0	+++++	+++++	+++++	
Phenol	DCBd 4	Ave				15567	31121				5.00	10.0
			56861	176153	254038	394900		20.0	50.0	80.0	120	
Aniline	DCBd 4	Ave				18528	38375				5.00	10.0
			70394	202492	294294	455912		20.0	50.0	80.0	120	
Bis(2-chloroethyl)ether	DCBd 4	Ave	964	2019	4206	11559	23922	0.500	1.00	2.00	5.00	10.0
			43542	124058	177849	275632		20.0	50.0	80.0	120	
2-Chlorophenol	DCBd 4	Ave				12703	26962				5.00	10.0
			49364	143898	208921	325988		20.0	50.0	80.0	120	

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
n-Decane	DCBd 4	Ave	77381	206271	302435	20817 457933	40832	20.0	50.0	80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd 4	Ave	50969	150308	222036	13777 340299	28446	20.0	50.0	80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd 4	Ave	52379	154120	227832	14415 344112	28851	20.0	50.0	80.0	5.00 120	10.0
Benzyl alcohol	DCBd 4	Ave	31423	89891	131054	8101 203167	16814	20.0	50.0	80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd 4	Ave	49023	145635	213866	13326 331947	27910	20.0	50.0	80.0	5.00 120	10.0
2-Methylphenol	DCBd 4	Ave	42071	119928	177467	10821 268515	23278	20.0	50.0	80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd 4	Ave	98474	278166	384553	26225 581282	53975	20.0	50.0	80.0	5.00 120	10.0
N-Methylaniline	DCBd 4	Ave	75911	203058	313776	19663 495478	39370	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd 4	Ave	47792	135304	191342	12643 296980	26132	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd 4	Ave	47792	135304	191342	12643 296980	26132	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd 4	Ave	809 34823	1651 99294	3270 139014	9543 218577	19421	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acetophenone	DCBd 4	Ave	68378	189324	263930	18659 409109	37111	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Hexachloroethane	DCBd 4	Ave	439 19327	832 58327	1811 84566	5258 131371	11128	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd 4	Ave	490 23172	1047 68525	2331 97672	6102 147419	12732	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd 4	Ave	1638 74871	3433 208591	6878 308726	19094 477693	38296	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	 89637	 255775	8717 361785	23746 567724	50183	 20.0	 50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	 25929	 76169	 109534	6328 169997	13742	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	 41209	 121311	 175872	11471 280438	23372	 20.0	 50.0	 80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	 21583	 73272	 122066	1493 200177	8474	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	 54795	 153335	 218083	14520 339026	29807	 20.0	 50.0	 80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	 38953	 117300	3407 168273	10404 266956	22083	 20.0	 50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	890 42337	1830 134068	3886 182342	11318 283730	23593	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	 138538	 398763	 580701	37025 886827	77363	 20.0	 50.0	 80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	 61302	 174429	 250417	16330 383725	33485	 20.0	 50.0	 80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	 39244	 115781	3418 165154	10482 254716	21969	 20.0	 50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	 26842	1081 81316	2613 119071	7433 187938	15311	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Qual	 10248	293 13728	931 15387	3150 18967	6070	 16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	 39438	 112679	 162668	10502 249857	21587	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave				25680	54181				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			93824	272589	397836	617501		20.0	50.0	80.0	120	
1-Methylnaphthalene	NPT	Ave	86121	255559	365209	23685 569516	47875	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	36511	105287	167705	9797 258305	20693	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	45288	139623	200780	12425 319931	26247	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	60065	172532	251637	14929 407947	31661	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	30711	93929	2450 127130	7380 217919	16337	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	33781	99493	151507	9105 225344	19688	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	111719	321737	464279	30117 708193	63040	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	87468	253265	358512	23562 565365	49268	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	63404	172312	265759	16154 421137	33130	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	34857	96716	143062	9303 224462	18869	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	70809	202772	292107	18209 465714	37070	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	99938	289047	412896	27778 648484	57624	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	35663	97073	141823	8848 231702	18318	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	22604	1059 64483	2112 92900	5804 147118	12297	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	144812	388430	591482	39256 927344	80058	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	25830	72760	104257	6719 165660	14532	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	82159	230475	349133	20818 559773	44322	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave				23434	50158				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			91724	271826	390884	611656		20.0	50.0	80.0	120	
2,4-Dinitrophenol	ANT	Lin2	27717	88260	941 131154	4834 214898	14021	40.0	100	4.00 160	10.0 240	20.0
4-Nitrophenol	ANT	Ave	38224	108268	162328	8545 267870	20350	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	30468	1437 86995	2749 125873	7908 198901	17008	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	124216	355118	510752	33478 786352	71049	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	27360	82295	120549	7065 192210	15945	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	102825	291175	421877	27609 669315	58222	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	49707	141586	205182	13396 314959	27702	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	98901	281391	403216	26198 629896	55738	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	26664	74850	106534	6632 169404	14424	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Ave	37393	110170	2466 158768	8435 251596	20488	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	71616	206661	298390	19330 472133	41687	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	92844	266195	373260	25004 596472	52711	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	29823	92218	134760	8262 214635	17797	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	952 39119	1785 119914	4050 175651	10751 286311	22819	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	23659	1435 32414	2867 38081	7230 52917	15569	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	48467	149351	4129 217322	11864 356465	27955	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	15669	45296	66683	4132 108506	8373	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave				22475	47962				5.00	10.0

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			84529	231991	332736	512690		20.0	50.0	80.0	120	
Phenanthrene	PHN	Ave				39559	83770				5.00	10.0
			147431	420876	604726	942787		20.0	50.0	80.0	120	
Anthracene	PHN	Ave				40924	84677				5.00	10.0
			150933	431064	619294	977221		20.0	50.0	80.0	120	
Carbazole	PHN	Ave				37605	77133				5.00	10.0
			140173	390519	560627	897277		20.0	50.0	80.0	120	
Di-n-butyl phthalate	PHN	Ave				46454	99533				5.00	10.0
			175464	491249	700429	1119019		20.0	50.0	80.0	120	
Fluoranthene	PHN	Ave				43914	93217				5.00	10.0
			165333	479082	668716	1086383		20.0	50.0	80.0	120	
Benzidine	PHN	Ave				25849	56852				5.00	10.0
			108018	259327	419991	692027		20.0	50.0	80.0	120	
Pyrene	CRY	Ave				45815	97434				5.00	10.0
			172290	487769	698298	1121917		20.0	50.0	80.0	120	
Bisphenol-A	CRY	Ave				19142	42701				5.00	10.0
			82149	231559	343550	581662		20.0	50.0	80.0	120	
Butyl benzyl phthalate	CRY	Ave				18396	40880				5.00	10.0
			75563	213595	297431	490349		20.0	50.0	80.0	120	
2,3,7,8-TCDD	CRY	Ave										
				779					0.500			
Carbamazepine	CRY	Ave				15863	35664				5.00	10.0
			71099	192391	302078	505280		20.0	50.0	80.0	120	
3,3'-Dichlorobenzidine	CRY	Ave			5937	16475	34748			2.00	5.00	10.0
			69809	194551	277052	452801		20.0	50.0	80.0	120	
Benzo[a]anthracene	CRY	Ave	4553	8842	17255	45307	96402	0.500	1.00	2.00	5.00	10.0
			171452	473791	698113	1135123		20.0	50.0	80.0	120	
Chrysene	CRY	Ave				44237	92592				5.00	10.0
			171270	457637	640806	1065814		20.0	50.0	80.0	120	
Bis(2-ethylhexyl) phthalate	CRY	Ave				27457	59786				5.00	10.0
			109721	309509	442466	704708		20.0	50.0	80.0	120	
Di-n-octyl phthalate	PRY	Ave				45908	102599				5.00	10.0
			190837	543622	769453	1265462		20.0	50.0	80.0	120	
Benzo[b]fluoranthene	PRY	Ave	3768	8697	16269	45252	95759	0.500	1.00	2.00	5.00	10.0
			183395	509631	745669	1308525		20.0	50.0	80.0	120	
Benzo[k]fluoranthene	PRY	Ave	4009	8465	17396	47310	102132	0.500	1.00	2.00	5.00	10.0

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 810116

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/29/2021 10:55 Calibration End Date: 10/29/2021 14:00 Calibration ID: 87855

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			190466	527962	764994	1214711		20.0	50.0	80.0	120	
Benzo[a]pyrene	PRY	Ave	3481 175294	7823 500039	15795 718779	43140 1193916	95004	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	3710 186862	7636 544429	15345 783239	41902 1349241	94991	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	3869 193476	8089 534144	16775 807708	46389 1336290	100450	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	191570	538131	786793	46460 1305781	101904	20.0	50.0	80.0	5.00 120	10.0
2-Fluorophenol	DCBd 4	Ave	49105	2295 127487	5252 199459	11669 315277	23038	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Phenol-d5	DCBd 4	Ave	1263 58859	2664 153793	6771 238284	14862 374394	27974	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5	NPT	Ave	1386 53041	2959 140292	6218 218842	13440 339759	26062	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	2691 110528	5716 289041	13082 458790	27659 706045	54798	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol	ANT	Ave	23604	1166 66570	2673 103980	5941 172713	12045	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14	CRY	Ave	3556 154189	8226 398973	18180 608816	38274 994996	76502	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37346.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 29-Oct-2021 10:55:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:15 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 11:31:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.901	1.901	0.000	91	44346	50.0	48.4	
2 N-Nitrosodimethylamine	74	2.125	2.125	0.000	76	77547	50.0	48.4	
3 Pyridine	79	2.160	2.160	0.000	73	244940	100.0	99.7	
$ 4 2-Fluorophenol	112	3.295	3.295	0.000	90	127487	50.0	46.3	
5 Benzaldehyde	77	4.119	4.119	0.000	88	25369	20.0	10.3	
$ 6 Phenol-d5	99	4.172	4.172	0.000	95	153793	50.0	45.9	
7 Phenol	94	4.189	4.189	0.000	97	176153	50.0	51.4	
8 Aniline	93	4.219	4.219	0.000	15	202492	50.0	49.8	
9 Bis(2-chloroethyl)ether	93	4.278	4.278	0.000	86	124058	50.0	49.3	
11 2-Chlorophenol	128	4.336	4.336	0.000	86	143898	50.0	50.3	
12 n-Decane	43	4.384	4.384	0.000	93	206271	50.0	48.0	
13 1,3-Dichlorobenzene	146	4.484	4.484	0.000	94	150308	50.0	49.8	
* 14 1,4-Dichlorobenzene-d4	152	4.536	4.536	0.000	81	80926	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.554	4.554	0.000	93	154120	50.0	49.8	
16 Benzyl alcohol	108	4.660	4.660	0.000	89	89891	50.0	49.9	
17 1,2-Dichlorobenzene	146	4.701	4.701	0.000	89	145635	50.0	49.8	
18 2-Methylphenol	108	4.766	4.766	0.000	84	119928	50.0	49.5	
19 2,2'-oxybis[1-chloropropane]	45	4.789	4.789	0.000	89	278166	50.0	50.1	a
20 N-Methylaniline	106	4.907	4.907	0.000	67	203058	50.0	47.4	
24 4-Methylphenol	108	4.913	4.913	0.000	71	135304	50.0	49.7	
22 N-Nitrosodi-n-propylamine	70	4.913	4.913	0.000	73	99294	50.0	49.0	
21 Acetophenone	105	4.913	4.913	0.000	77	189324	50.0	49.2	
23 3 & 4 Methylphenol	108	4.913	4.913	0.000	69	135304	50.0	49.7	
25 Hexachloroethane	117	5.019	5.019	0.000	93	58327	50.0	51.1	
$ 26 Nitrobenzene-d5	82	5.060	5.060	0.000	91	140292	50.0	43.6	
28 Nitrobenzene	123	5.078	5.078	0.000	84	68525	50.0	51.0	
27 n,n'-Dimethylaniline	120	5.084	5.084	0.000	87	208591	50.0	49.3	
31 Isophorone	82	5.301	5.301	0.000	95	255775	50.0	49.2	
32 2-Nitrophenol	139	5.378	5.378	0.000	86	76169	50.0	51.0	
33 2,4-Dimethylphenol	122	5.413	5.413	0.000	67	121311	50.0	49.0	
34 Bis(2-chloroethoxy)methane	93	5.501	5.501	0.000	92	153335	50.0	49.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.513	5.513	0.000	58	73272	50.0	47.5	
36 2,4-Dichlorophenol	162	5.601	5.601	0.000	93	117300	50.0	51.0	
37 1,2,4-Trichlorobenzene	180	5.689	5.689	0.000	94	134068	50.0	54.1	
* 38 Naphthalene-d8	136	5.742	5.742	0.000	98	317708	40.0	40.0	
39 Naphthalene	128	5.760	5.760	0.000	99	398763	50.0	49.2	
40 4-Chloroaniline	127	5.807	5.807	0.000	83	174429	50.0	49.3	
130 2,6-Dichlorophenol	162	5.819	5.819	0.000	87	115781	50.0	50.8	
41 Hexachlorobutadiene	225	5.889	5.889	0.000	95	81316	50.0	50.9	
42 Caprolactam	113	6.131	6.131	0.000	85	13728	20.0	19.8	M
43 4-Chloro-3-methylphenol	107	6.266	6.266	0.000	97	112679	50.0	49.3	
44 2-Methylnaphthalene	142	6.413	6.413	0.000	79	272589	50.0	48.8	
45 1-Methylnaphthalene	142	6.507	6.507	0.000	89	255559	50.0	49.9	
46 Hexachlorocyclopentadiene	237	6.572	6.572	0.000	86	105287	50.0	52.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.578	6.578	0.000	97	139623	50.0	55.4	
48 2-tertbutyl-4-methylphenol	149	6.601	6.601	0.000	76	172532	50.0	49.7	
49 2,4,6-Trichlorophenol	196	6.678	6.678	0.000	90	93929	50.0	59.2	
50 2,4,5-Trichlorophenol	196	6.713	6.713	0.000	90	99493	50.0	53.9	
$ 51 2-Fluorobiphenyl	172	6.760	6.760	0.000	96	289041	50.0	48.9	
52 1,1'-Biphenyl	154	6.854	6.854	0.000	96	321737	50.0	54.3	
53 2-Chloronaphthalene	162	6.872	6.872	0.000	96	253265	50.0	54.5	
54 Phenyl ether	170	6.954	6.954	0.000	84	172312	50.0	52.5	
56 2-Nitroaniline	65	6.966	6.966	0.000	95	96716	50.0	53.1	
57 1,3-Dimethylnaphthalene	156	7.077	7.077	0.000	89	202772	50.0	54.9	
58 Dimethyl phthalate	163	7.142	7.142	0.000	98	289047	50.0	53.8	
59 Coumarin	146	7.160	7.160	0.000	72	97073	50.0	48.5	
60 2,6-Dinitrotoluene	165	7.189	7.189	0.000	9	64483	50.0	54.9	
61 Acenaphthylene	152	7.260	7.260	0.000	96	388430	50.0	51.4	
64 3-Nitroaniline	138	7.348	7.348	0.000	92	72760	50.0	53.8	
* 65 Acenaphthene-d10	164	7.395	7.395	0.000	93	160975	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.419	7.419	0.000	92	230475	50.0	53.3	
67 Acenaphthene	154	7.425	7.425	0.000	94	271826	50.0	55.7	
68 2,4-Dinitrophenol	184	7.448	7.448	0.000	76	88260	100.0	110.9	a
69 4-Nitrophenol	65	7.507	7.507	0.000	90	108268	100.0	109.2	
70 2,4-Dinitrotoluene	165	7.572	7.572	0.000	93	86995	50.0	54.8	
71 Dibenzofuran	168	7.589	7.589	0.000	91	355118	50.0	53.9	
72 2,3,4,6-Tetrachlorophenol	232	7.701	7.701	0.000	93	82295	50.0	54.9	
73 Diethyl phthalate	149	7.807	7.807	0.000	98	291175	50.0	53.4	
74 4-Chlorophenyl phenyl ether	204	7.907	7.907	0.000	74	141586	50.0	54.0	
75 Fluorene	166	7.907	7.907	0.000	82	281391	50.0	54.0	
76 4-Nitroaniline	138	7.930	7.930	0.000	92	74850	50.0	54.6	a
77 4,6-Dinitro-2-methylphenol	198	7.954	7.954	0.000	64	110170	100.0	115.5	
78 N-Nitrosodiphenylamine	169	8.019	8.019	0.000	97	206661	50.0	52.4	
79 1,2-Diphenylhydrazine	77	8.060	8.060	0.000	90	266195	50.0	52.9	
$ 80 2,4,6-Tribromophenol	330	8.136	8.136	0.000	91	66570	50.0	52.0	
81 4-Bromophenyl phenyl ether	248	8.366	8.366	0.000	92	92218	50.0	53.5	
83 Hexachlorobenzene	284	8.436	8.436	0.000	92	119914	50.0	54.4	
84 Atrazine	200	8.519	8.519	0.000	88	32414	20.0	20.6	
85 Pentachlorophenol	266	8.613	8.613	0.000	90	149351	100.0	112.0	
86 Pentachloronitrobenzene	237	8.630	8.630	0.000	88	45296	50.0	52.8	
87 n-Octadecane	57	8.695	8.695	0.000	90	231991	50.0	51.8	
* 88 Phenanthrene-d10	188	8.789	8.789	0.000	98	309468	40.0	40.0	
89 Phenanthrene	178	8.813	8.813	0.000	97	420876	50.0	52.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.860	8.860	0.000	97	431064	50.0	52.5	
91 Carbazole	167	9.007	9.007	0.000	82	390519	50.0	52.0	
92 Di-n-butyl phthalate	149	9.342	9.342	0.000	100	491249	50.0	52.1	
93 Fluoranthene	202	9.930	9.930	0.000	98	479082	50.0	53.3	
94 Benzidine	184	10.054	10.054	0.000	99	259327	50.0	47.4	
95 Pyrene	202	10.142	10.142	0.000	97	487769	50.0	52.0	
82 Bisphenol-A	213	10.189	10.189	0.000	86	231559	50.0	52.7	
$ 96 Terphenyl-d14	244	10.295	10.295	0.000	98	398973	50.0	48.1	
97 Butyl benzyl phthalate	149	10.801	10.801	0.000	93	213595	50.0	53.4	
98 2,3,7,8-TCDD	320	10.901	10.901	0.000	24	779	0.5000	0.5000	
99 Carbamazepine	193	10.913	10.913	0.000	92	192391	50.0	51.4	
100 3,3'-Dichlorobenzidine	252	11.389	11.389	0.000	99	194551	50.0	54.5	
101 Benzo[a]anthracene	228	11.413	11.413	0.000	98	473791	50.0	50.0	
* 102 Chrysene-d12	240	11.430	11.430	0.000	97	303826	40.0	40.0	
103 Chrysene	228	11.460	11.460	0.000	95	457637	50.0	51.2	
104 Bis(2-ethylhexyl) phthalate	149	11.465	11.465	0.000	85	309509	50.0	52.9	
105 Di-n-octyl phthalate	149	12.307	12.307	0.000	96	543622	50.0	55.0	
106 Benzo[b]fluoranthene	252	12.807	12.807	0.000	97	509631	50.0	54.8	
107 Benzo[k]fluoranthene	252	12.848	12.848	0.000	95	527962	50.0	55.4	
108 Benzo[a]pyrene	252	13.265	13.265	0.000	96	500039	50.0	56.6	
* 109 Perylene-d12	264	13.342	13.342	0.000	99	325156	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.942	14.942	0.000	99	544429	50.0	59.2	
111 Dibenz(a,h)anthracene	278	14.983	14.983	0.000	96	534144	50.0	55.8	
112 Benzo[g,h,i]perylene	276	15.400	15.400	0.000	93	538131	50.0	54.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

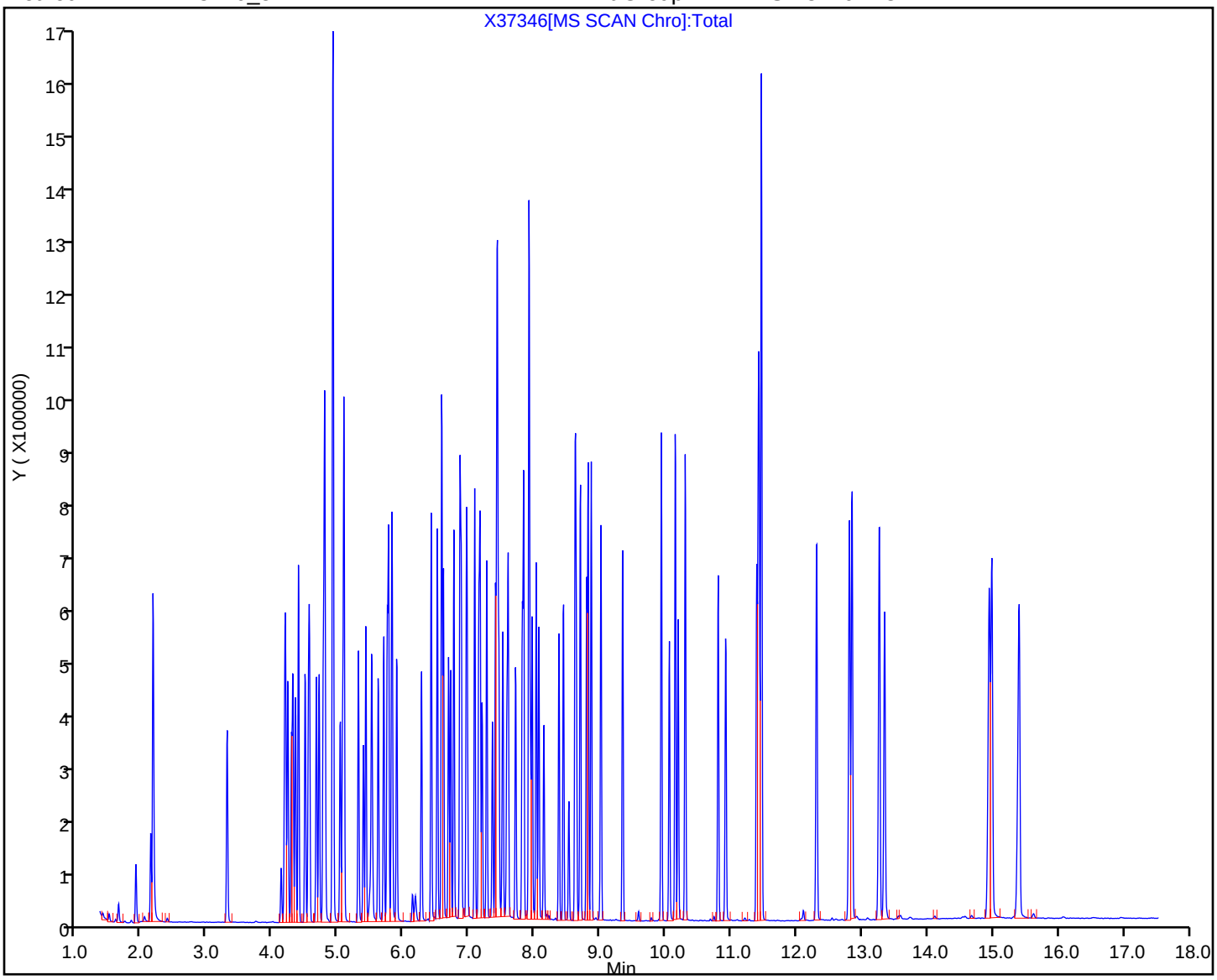
Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:17 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37346.d				
Injection Date:	29-Oct-2021 10:55:30	Instrument ID:	CBNAMS5		
Lims ID:	ICIS				
Client ID:					
Operator ID:		ALS Bottle#:	2	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37347.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 29-Oct-2021 11:18:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:20 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 11:44:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.907	1.901	0.006	91	101418	120.0	112.8	
2 N-Nitrosodimethylamine	74	2.137	2.125	0.012	75	178263	120.0	113.3	
3 Pyridine	79	2.166	2.160	0.006	73	551251	240.0	228.4	
$ 4 2-Fluorophenol	112	3.301	3.295	0.006	90	315277	120.0	116.6	
5 Benzaldehyde	77	4.125	4.119	0.006	87	31538	32.0	13.0	
$ 6 Phenol-d5	99	4.190	4.172	0.018	91	374394	120.0	113.9	
7 Phenol	94	4.201	4.189	0.012	95	394900	120.0	117.4	
8 Aniline	93	4.231	4.219	0.012	38	455912	120.0	114.2	
9 Bis(2-chloroethyl)ether	93	4.284	4.278	0.006	84	275632	120.0	111.6	
11 2-Chlorophenol	128	4.348	4.336	0.012	88	325988	120.0	115.9	
12 n-Decane	43	4.390	4.384	0.006	88	457933	120.0	108.4	
13 1,3-Dichlorobenzene	146	4.490	4.484	0.006	94	340299	120.0	114.8	
* 14 1,4-Dichlorobenzene-d4	152	4.543	4.536	0.007	80	79461	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.554	4.554	0.000	92	344112	120.0	113.3	
16 Benzyl alcohol	108	4.666	4.660	0.006	89	203167	120.0	114.9	
17 1,2-Dichlorobenzene	146	4.701	4.701	0.000	90	331947	120.0	115.5	
18 2-Methylphenol	108	4.772	4.766	0.006	83	268515	120.0	112.9	
19 2,2'-oxybis[1-chloropropane]	45	4.795	4.789	0.006	91	581282	120.0	106.7	a
20 N-Methylaniline	106	4.913	4.907	0.006	76	495478	120.0	117.8	
24 4-Methylphenol	108	4.925	4.913	0.012	68	296980	120.0	111.1	
22 N-Nitrosodi-n-propylamine	70	4.925	4.913	0.012	68	218577	120.0	109.8	
21 Acetophenone	105	4.925	4.913	0.012	82	409109	120.0	108.2	
23 3 & 4 Methylphenol	108	4.925	4.913	0.012	71	296980	120.0	111.1	
25 Hexachloroethane	117	5.025	5.019	0.006	92	131371	120.0	117.3	
$ 26 Nitrobenzene-d5	82	5.066	5.060	0.006	92	339759	120.0	109.8	
28 Nitrobenzene	123	5.084	5.078	0.006	84	147419	120.0	111.7	
27 n,n'-Dimethylaniline	120	5.090	5.084	0.006	85	477693	120.0	114.9	
31 Isophorone	82	5.313	5.301	0.012	95	567724	120.0	113.6	
32 2-Nitrophenol	139	5.384	5.378	0.006	87	169997	120.0	118.4	
33 2,4-Dimethylphenol	122	5.425	5.413	0.012	58	280438	120.0	117.9	
34 Bis(2-chloroethoxy)methane	93	5.507	5.501	0.006	92	339026	120.0	112.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.560	5.513	0.047	83	200177	120.0	127.4	
36 2,4-Dichlorophenol	162	5.613	5.601	0.012	94	266956	120.0	120.8	
37 1,2,4-Trichlorobenzene	180	5.690	5.689	0.001	94	283730	120.0	119.0	
* 38 Naphthalene-d8	136	5.742	5.742	0.000	97	305353	40.0	40.0	
39 Naphthalene	128	5.766	5.760	0.006	99	886827	120.0	113.8	
40 4-Chloroaniline	127	5.813	5.807	0.006	83	383725	120.0	112.9	
130 2,6-Dichlorophenol	162	5.825	5.819	0.006	87	254716	120.0	116.4	
41 Hexachlorobutadiene	225	5.890	5.889	0.001	96	187938	120.0	122.4	
42 Caprolactam	113	6.248	6.131	0.118	84	18967	32.0	30.9	M
43 4-Chloro-3-methylphenol	107	6.272	6.266	0.006	93	249857	120.0	113.8	
44 2-Methylnaphthalene	142	6.419	6.413	0.006	83	617501	120.0	115.0	
45 1-Methylnaphthalene	142	6.513	6.507	0.006	84	569516	120.0	115.7	
46 Hexachlorocyclopentadiene	237	6.578	6.572	0.006	87	258305	120.0	117.2	
47 1,2,4,5-Tetrachlorobenzene	216	6.584	6.578	0.006	97	319931	120.0	115.5	
48 2-tertbutyl-4-methylphenol	149	6.607	6.601	0.006	81	407947	120.0	122.3	
49 2,4,6-Trichlorophenol	196	6.684	6.678	0.006	91	217919	120.0	125.0	
50 2,4,5-Trichlorophenol	196	6.719	6.713	0.006	90	225344	120.0	111.0	
$ 51 2-Fluorobiphenyl	172	6.766	6.760	0.006	92	706045	120.0	108.6	
52 1,1'-Biphenyl	154	6.860	6.854	0.006	96	708193	120.0	108.7	
53 2-Chloronaphthalene	162	6.878	6.872	0.006	96	565365	120.0	110.7	
54 Phenyl ether	170	6.954	6.954	0.000	84	421137	120.0	116.6	
56 2-Nitroaniline	65	6.972	6.966	0.006	95	224462	120.0	112.1	
57 1,3-Dimethylnaphthalene	156	7.084	7.077	0.007	89	465714	120.0	114.7	
58 Dimethyl phthalate	163	7.154	7.142	0.012	98	648484	120.0	109.9	
59 Coumarin	146	7.172	7.160	0.012	71	231702	120.0	120.5	
60 2,6-Dinitrotoluene	165	7.201	7.189	0.012	10	147118	120.0	113.9	
61 Acenaphthylene	152	7.272	7.260	0.012	96	927344	120.0	111.6	
64 3-Nitroaniline	138	7.360	7.348	0.012	92	165660	120.0	111.4	
* 65 Acenaphthene-d10	164	7.401	7.395	0.006	79	176934	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.425	7.419	0.006	97	559773	120.0	117.7	
67 Acenaphthene	154	7.431	7.425	0.006	96	611656	120.0	114.0	
68 2,4-Dinitrophenol	184	7.460	7.448	0.012	83	214898	240.0	242.1	a
69 4-Nitrophenol	65	7.525	7.507	0.018	90	267870	240.0	245.9	
70 2,4-Dinitrotoluene	165	7.584	7.572	0.012	82	198901	120.0	114.0	
71 Dibenzofuran	168	7.595	7.589	0.006	92	786352	120.0	108.6	
72 2,3,4,6-Tetrachlorophenol	232	7.713	7.701	0.012	95	192210	120.0	116.6	
73 Diethyl phthalate	149	7.813	7.807	0.006	97	669315	120.0	111.7	
74 4-Chlorophenyl phenyl ether	204	7.913	7.907	0.006	75	314959	120.0	109.2	
75 Fluorene	166	7.919	7.907	0.012	83	629896	120.0	110.0	
76 4-Nitroaniline	138	7.948	7.930	0.018	93	169404	120.0	112.4	
77 4,6-Dinitro-2-methylphenol	198	7.972	7.954	0.018	79	251596	240.0	252.3	
78 N-Nitrosodiphenylamine	169	8.031	8.019	0.012	97	472133	120.0	114.5	
79 1,2-Diphenylhydrazine	77	8.066	8.060	0.006	93	596472	120.0	113.3	
$ 80 2,4,6-Tribromophenol	330	8.142	8.136	0.006	91	172713	120.0	122.6	
81 4-Bromophenyl phenyl ether	248	8.372	8.366	0.006	93	214635	120.0	119.1	
83 Hexachlorobenzene	284	8.442	8.436	0.006	93	286311	120.0	124.2	
84 Atrazine	200	8.525	8.519	0.006	88	52917	32.0	32.2	
85 Pentachlorophenol	266	8.625	8.613	0.012	90	356465	240.0	255.7	
86 Pentachloronitrobenzene	237	8.636	8.630	0.006	88	108506	120.0	121.0	
87 n-Octadecane	57	8.695	8.695	0.000	90	512690	120.0	109.4	
* 88 Phenanthrene-d10	188	8.795	8.789	0.006	98	323497	40.0	40.0	
89 Phenanthrene	178	8.819	8.813	0.006	97	942787	120.0	112.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.866	8.860	0.006	97	977221	120.0	113.9	
91 Carbazole	167	9.013	9.007	0.006	83	897277	120.0	114.3	
92 Di-n-butyl phthalate	149	9.342	9.342	0.000	100	1119019	120.0	113.6	
93 Fluoranthene	202	9.936	9.930	0.006	98	1086383	120.0	115.6	
94 Benzidine	184	10.060	10.054	0.006	99	692027	120.0	121.0	
95 Pyrene	202	10.154	10.142	0.012	97	1121917	120.0	111.7	
82 Bisphenol-A	213	10.195	10.189	0.006	86	581662	120.0	123.6	
$ 96 Terphenyl-d14	244	10.301	10.295	0.006	98	994996	120.0	111.9	
97 Butyl benzyl phthalate	149	10.807	10.801	0.006	93	490349	120.0	114.5	
99 Carbamazepine	193	10.930	10.913	0.017	92	505280	120.0	126.0	
100 3,3'-Dichlorobenzidine	252	11.401	11.389	0.012	98	452801	120.0	118.4	
101 Benzo[a]anthracene	228	11.419	11.413	0.007	98	1135123	120.0	111.9	
* 102 Chrysene-d12	240	11.436	11.430	0.006	97	325416	40.0	40.0	
103 Chrysene	228	11.472	11.460	0.012	95	1065814	120.0	111.4	
104 Bis(2-ethylhexyl) phthalate	149	11.466	11.465	0.001	86	704708	120.0	112.4	
105 Di-n-octyl phthalate	149	12.313	12.307	0.006	97	1265462	120.0	114.0	
106 Benzo[b]fluoranthene	252	12.818	12.807	0.011	95	1308525	120.0	125.4	
107 Benzo[k]fluoranthene	252	12.860	12.848	0.012	99	1214711	120.0	113.4	
108 Benzo[a]pyrene	252	13.277	13.265	0.012	96	1193916	120.0	120.3	
* 109 Perylene-d12	264	13.354	13.342	0.012	98	365158	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.965	14.942	0.023	99	1349241	120.0	130.7	
111 Dibenz(a,h)anthracene	278	15.007	14.983	0.024	96	1336290	120.0	124.3	
112 Benzo[g,h,i]perylene	276	15.430	15.400	0.030	94	1305781	120.0	116.7	
S 119 Total Cresols	1				0			224.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

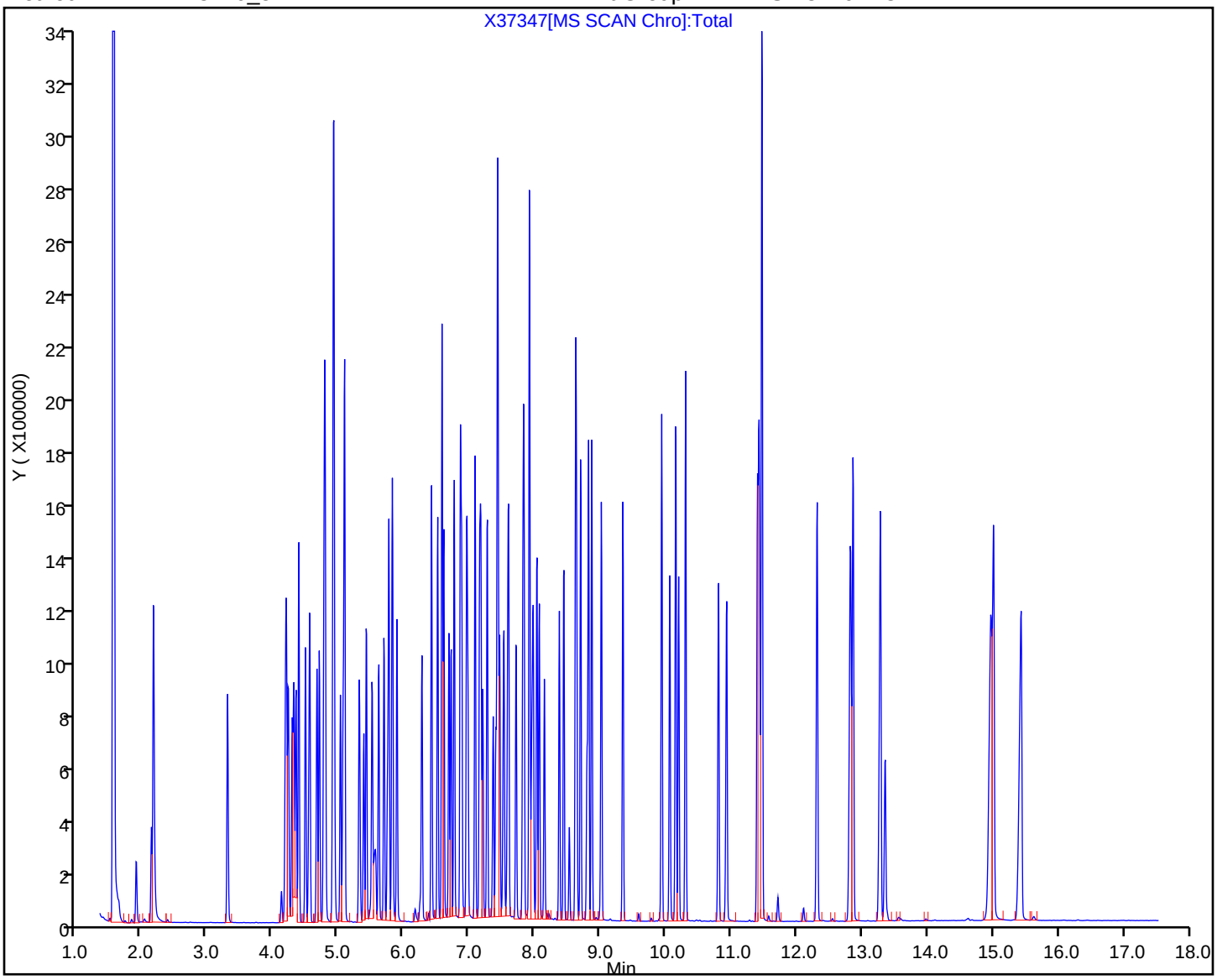
Reagents:

SV_BNA_L9_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37347.d				
Injection Date:	29-Oct-2021 11:18:30	Instrument ID:	CBNAMS5		
Lims ID:	STD120				
Client ID:					
Operator ID:		ALS Bottle#:	3	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37348.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Oct-2021 11:41:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:24 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 12:04:42

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.902	1.901	0.001	91	65742	80.0	77.8	
	2 N-Nitrosodimethylamine	74	2.131	2.125	0.006	75	115604	80.0	78.3	
	3 Pyridine	79	2.166	2.160	0.006	74	353777	160.0	156.1	
$	4 2-Fluorophenol	112	3.296	3.295	0.001	89	199459	80.0	78.5	
	5 Benzaldehyde	77	4.125	4.119	0.006	88	31793	24.0	13.9	
$	6 Phenol-d5	99	4.178	4.172	0.006	94	238284	80.0	77.2	
	7 Phenol	94	4.196	4.189	0.007	96	254038	80.0	80.4	
	8 Aniline	93	4.225	4.219	0.006	15	294294	80.0	78.5	
	9 Bis(2-chloroethyl)ether	93	4.284	4.278	0.006	85	177849	80.0	76.7	
	11 2-Chlorophenol	128	4.343	4.336	0.007	87	208921	80.0	79.1	
	12 n-Decane	43	4.390	4.384	0.006	89	302435	80.0	76.3	
	13 1,3-Dichlorobenzene	146	4.490	4.484	0.006	94	222036	80.0	79.8	
*	14 1,4-Dichlorobenzene-d4	152	4.537	4.536	0.001	81	74615	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.554	4.554	0.000	93	227832	80.0	79.9	
	16 Benzyl alcohol	108	4.660	4.660	0.000	89	131054	80.0	78.9	
	17 1,2-Dichlorobenzene	146	4.702	4.701	0.001	90	213866	80.0	79.3	
	18 2-Methylphenol	108	4.766	4.766	0.000	85	177467	80.0	79.5	
	19 2,2'-oxybis[1-chloropropane]	45	4.790	4.789	0.001	90	384553	80.0	75.2	a
	20 N-Methylaniline	106	4.907	4.907	0.000	76	313776	80.0	79.4	
	24 4-Methylphenol	108	4.913	4.913	0.000	70	191342	80.0	76.3	
	22 N-Nitrosodi-n-propylamine	70	4.919	4.913	0.006	72	139014	80.0	74.4	
	21 Acetophenone	105	4.919	4.913	0.006	78	263930	80.0	74.3	
	23 3 & 4 Methylphenol	108	4.913	4.913	0.000	69	191342	80.0	76.3	
	25 Hexachloroethane	117	5.025	5.019	0.006	91	84566	80.0	80.4	
$	26 Nitrobenzene-d5	82	5.060	5.060	0.000	92	218842	80.0	74.6	
	28 Nitrobenzene	123	5.084	5.078	0.006	82	97672	80.0	78.8	
	27 n,n'-Dimethylaniline	120	5.084	5.084	0.000	84	308726	80.0	79.1	
	31 Isophorone	82	5.307	5.301	0.006	95	361785	80.0	76.4	
	32 2-Nitrophenol	139	5.378	5.378	0.000	86	109534	80.0	80.5	
	33 2,4-Dimethylphenol	122	5.419	5.413	0.006	59	175872	80.0	78.0	
	34 Bis(2-chloroethoxy)methane	93	5.507	5.501	0.006	92	218083	80.0	76.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.531	5.513	0.018	87	122066	80.0	83.5	
36 2,4-Dichlorophenol	162	5.607	5.601	0.006	94	168273	80.0	80.4	
37 1,2,4-Trichlorobenzene	180	5.690	5.689	0.001	94	182342	80.0	80.7	
* 38 Naphthalene-d8	136	5.743	5.742	0.001	98	289389	40.0	40.0	
39 Naphthalene	128	5.766	5.760	0.006	99	580701	80.0	78.7	
40 4-Chloroaniline	127	5.813	5.807	0.006	77	250417	80.0	77.7	
130 2,6-Dichlorophenol	162	5.819	5.819	0.000	83	165154	80.0	79.6	
41 Hexachlorobutadiene	225	5.890	5.889	0.001	96	119071	80.0	81.8	
42 Caprolactam	113	6.201	6.131	0.071	85	15387	24.0	25.3	M
43 4-Chloro-3-methylphenol	107	6.266	6.266	0.000	93	162668	80.0	78.1	
44 2-Methylnaphthalene	142	6.419	6.413	0.006	84	397836	80.0	78.2	
45 1-Methylnaphthalene	142	6.507	6.507	0.000	83	365209	80.0	78.3	
46 Hexachlorocyclopentadiene	237	6.578	6.572	0.006	83	167705	80.0	83.1	
47 1,2,4,5-Tetrachlorobenzene	216	6.578	6.578	0.000	96	200780	80.0	79.1	
48 2-tertbutyl-4-methylphenol	149	6.601	6.601	0.000	80	251637	80.0	79.6	
49 2,4,6-Trichlorophenol	196	6.684	6.678	0.006	91	127130	80.0	79.6	
50 2,4,5-Trichlorophenol	196	6.713	6.713	0.000	84	151507	80.0	81.5	
$ 51 2-Fluorobiphenyl	172	6.760	6.760	0.000	94	458790	80.0	77.1	
52 1,1'-Biphenyl	154	6.854	6.854	0.000	96	464279	80.0	77.8	
53 2-Chloronaphthalene	162	6.878	6.872	0.006	96	358512	80.0	76.6	
54 Phenyl ether	170	6.954	6.954	0.000	84	265759	80.0	80.4	
56 2-Nitroaniline	65	6.966	6.966	0.000	90	143062	80.0	78.0	
57 1,3-Dimethylnaphthalene	156	7.084	7.077	0.007	89	292107	80.0	78.5	
58 Dimethyl phthalate	163	7.148	7.142	0.006	98	412896	80.0	76.4	
59 Coumarin	146	7.166	7.160	0.006	72	141823	80.0	77.8	
60 2,6-Dinitrotoluene	165	7.195	7.189	0.006	7	92900	80.0	78.5	
61 Acenaphthylene	152	7.266	7.260	0.006	96	591482	80.0	77.7	
64 3-Nitroaniline	138	7.354	7.348	0.006	92	104257	80.0	76.6	
* 65 Acenaphthene-d10	164	7.401	7.395	0.006	87	162076	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.419	7.419	0.000	95	349133	80.0	80.1	
67 Acenaphthene	154	7.431	7.425	0.006	95	390884	80.0	79.5	
68 2,4-Dinitrophenol	184	7.454	7.448	0.006	69	131154	160.0	162.3	a
69 4-Nitrophenol	65	7.513	7.507	0.006	89	162328	160.0	162.6	
70 2,4-Dinitrotoluene	165	7.578	7.572	0.006	92	125873	80.0	78.7	
71 Dibenzofuran	168	7.590	7.589	0.001	92	510752	80.0	77.0	
72 2,3,4,6-Tetrachlorophenol	232	7.707	7.701	0.006	95	120549	80.0	79.9	
73 Diethyl phthalate	149	7.807	7.807	0.000	97	421877	80.0	76.9	
74 4-Chlorophenyl phenyl ether	204	7.913	7.907	0.006	72	205182	80.0	77.7	
75 Fluorene	166	7.913	7.907	0.006	82	403216	80.0	76.9	
76 4-Nitroaniline	138	7.937	7.930	0.007	94	106534	80.0	77.2	
77 4,6-Dinitro-2-methylphenol	198	7.960	7.954	0.006	77	158768	160.0	173.2	
78 N-Nitrosodiphenylamine	169	8.025	8.019	0.006	97	298390	80.0	78.7	
79 1,2-Diphenylhydrazine	77	8.060	8.060	0.000	93	373260	80.0	77.1	
$ 80 2,4,6-Tribromophenol	330	8.142	8.136	0.006	90	103980	80.0	80.6	
81 4-Bromophenyl phenyl ether	248	8.372	8.366	0.006	94	134760	80.0	81.3	
83 Hexachlorobenzene	284	8.437	8.436	0.001	94	175651	80.0	82.9	
84 Atrazine	200	8.519	8.519	0.000	87	38081	24.0	25.2	
85 Pentachlorophenol	266	8.619	8.613	0.006	90	217322	160.0	169.6	
86 Pentachloronitrobenzene	237	8.637	8.630	0.007	91	66683	80.0	80.9	
87 n-Octadecane	57	8.695	8.695	0.000	90	332736	80.0	77.2	
* 88 Phenanthrene-d10	188	8.789	8.789	0.000	98	297413	40.0	40.0	
89 Phenanthrene	178	8.813	8.813	0.000	97	604726	80.0	78.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.866	8.860	0.006	97	619294	80.0	78.5	
91 Carbazole	167	9.013	9.007	0.006	82	560627	80.0	77.7	
92 Di-n-butyl phthalate	149	9.342	9.342	0.000	100	700429	80.0	77.3	
93 Fluoranthene	202	9.936	9.930	0.006	98	668716	80.0	77.4	
94 Benzidine	184	10.054	10.054	0.000	99	419991	80.0	79.9	
95 Pyrene	202	10.148	10.142	0.006	97	698298	80.0	79.3	
82 Bisphenol-A	213	10.189	10.189	0.000	86	343550	80.0	83.3	
$ 96 Terphenyl-d14	244	10.301	10.295	0.006	98	608816	80.0	78.1	
97 Butyl benzyl phthalate	149	10.801	10.801	0.000	94	297431	80.0	79.2	
99 Carbamazepine	193	10.919	10.913	0.006	92	302078	80.0	85.9	
100 3,3'-Dichlorobenzidine	252	11.389	11.389	0.000	99	277052	80.0	82.7	
101 Benzo[a]anthracene	228	11.419	11.413	0.007	98	698113	80.0	78.5	
* 102 Chrysene-d12	240	11.430	11.430	0.000	93	285292	40.0	40.0	
103 Chrysene	228	11.460	11.460	0.000	96	640806	80.0	76.4	
104 Bis(2-ethylhexyl) phthalate	149	11.466	11.465	0.001	85	442466	80.0	80.5	
105 Di-n-octyl phthalate	149	12.307	12.307	0.000	96	769453	80.0	80.2	
106 Benzo[b]fluoranthene	252	12.813	12.807	0.006	98	745669	80.0	82.7	
107 Benzo[k]fluoranthene	252	12.854	12.848	0.006	99	764994	80.0	82.7	
108 Benzo[a]pyrene	252	13.266	13.265	0.001	96	718779	80.0	83.9	
* 109 Perylene-d12	264	13.348	13.342	0.006	98	315476	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.948	14.942	0.006	99	783239	80.0	87.8	
111 Dibenz(a,h)anthracene	278	14.989	14.983	0.006	97	807708	80.0	87.0	
112 Benzo[g,h,i]perylene	276	15.407	15.400	0.007	96	786793	80.0	81.4	
S 119 Total Cresols	1				0			155.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

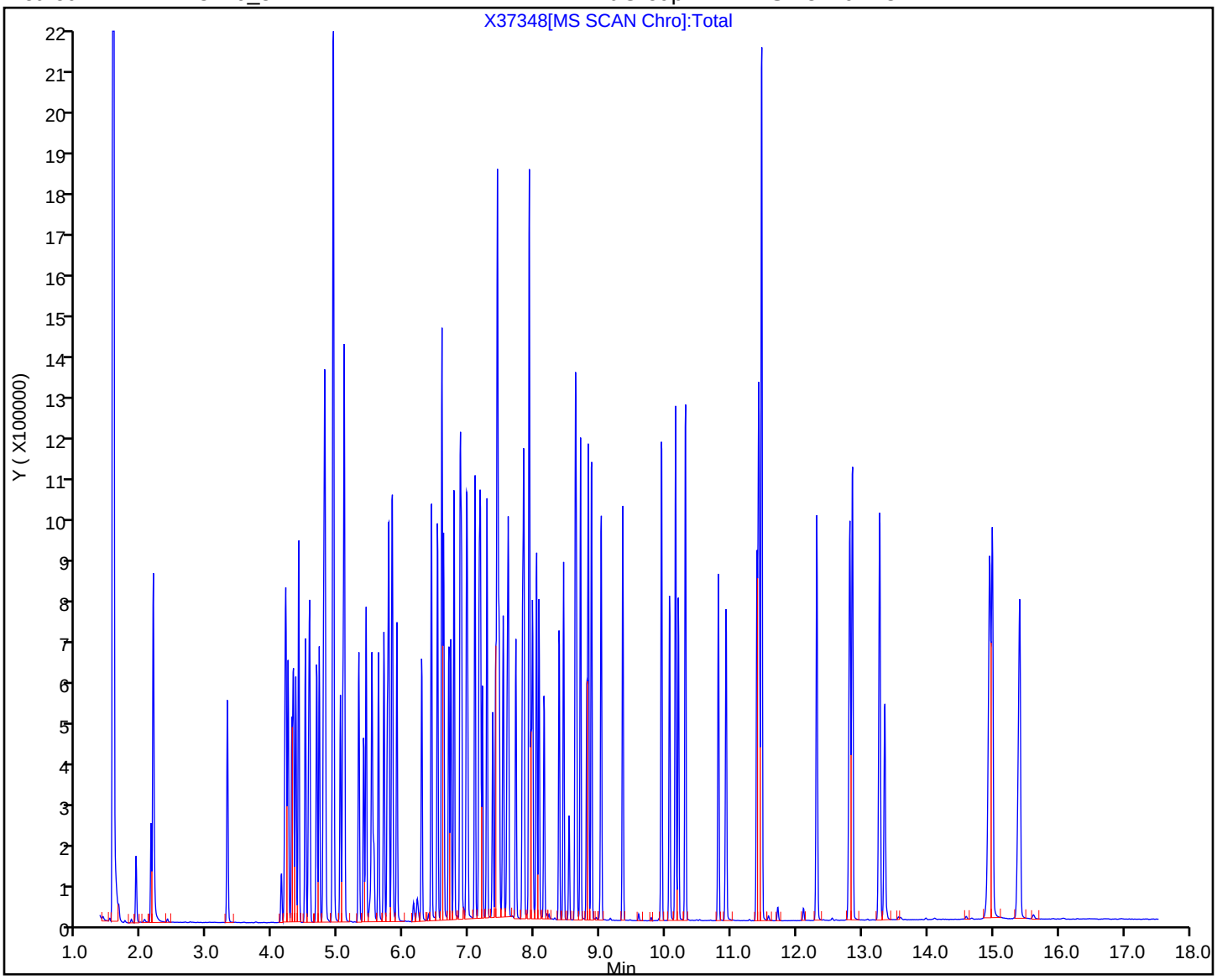
Reagents:

SV_BNA_L8_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37348.d				
Injection Date:	29-Oct-2021 11:41:30	Instrument ID:	CBNAMS5		
Lims ID:	STD80				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37349.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Oct-2021 12:04:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:28 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 12:27:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.908	1.901	0.007	92	16299	20.0	20.9	
	2 N-Nitrosodimethylamine	74	2.131	2.125	0.006	75	28829	20.0	21.1	
	3 Pyridine	79	2.166	2.160	0.006	73	86524	40.0	41.3	
$	4 2-Fluorophenol	112	3.296	3.295	0.001	90	49105	20.0	20.9	
	5 Benzaldehyde	77	4.119	4.119	0.000	88	33336	16.0	15.8	
$	6 Phenol-d5	99	4.172	4.172	0.000	94	58859	20.0	20.6	
	7 Phenol	94	4.184	4.189	-0.005	96	56861	20.0	19.5	
	8 Aniline	93	4.219	4.219	0.000	14	70394	20.0	20.3	
	9 Bis(2-chloroethyl)ether	93	4.278	4.278	0.000	82	43542	20.0	20.3	
	11 2-Chlorophenol	128	4.337	4.336	0.001	89	49364	20.0	20.2	
	12 n-Decane	43	4.384	4.384	0.000	94	77381	20.0	21.1	
	13 1,3-Dichlorobenzene	146	4.490	4.484	0.006	95	50969	20.0	19.8	
*	14 1,4-Dichlorobenzene-d4	152	4.537	4.536	0.001	96	68983	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.554	4.554	0.000	92	52379	20.0	19.9	
	16 Benzyl alcohol	108	4.654	4.660	-0.006	88	31423	20.0	20.5	
	17 1,2-Dichlorobenzene	146	4.701	4.701	0.000	90	49023	20.0	19.7	
	18 2-Methylphenol	108	4.760	4.766	-0.006	85	42071	20.0	20.4	
	19 2,2'-oxybis[1-chloropropane]	45	4.790	4.789	0.001	89	98474	20.0	20.8	
	20 N-Methylaniline	106	4.901	4.907	-0.006	71	75911	20.0	20.8	
	24 4-Methylphenol	108	4.907	4.913	-0.006	72	47792	20.0	20.6	
	22 N-Nitrosodi-n-propylamine	70	4.913	4.913	0.000	78	34823	20.0	20.2	
	21 Acetophenone	105	4.913	4.913	0.000	78	68378	20.0	20.8	
	23 3 & 4 Methylphenol	108	4.907	4.913	-0.006	70	47792	20.0	20.6	
	25 Hexachloroethane	117	5.025	5.019	0.006	89	19327	20.0	19.9	
$	26 Nitrobenzene-d5	82	5.054	5.060	-0.006	92	53041	20.0	19.2	
	28 Nitrobenzene	123	5.072	5.078	-0.006	85	23172	20.0	20.2	
	27 n,n'-Dimethylaniline	120	5.078	5.084	-0.006	84	74871	20.0	20.7	
	31 Isophorone	82	5.296	5.301	-0.005	95	89637	20.0	20.0	
	32 2-Nitrophenol	139	5.378	5.378	0.000	86	25929	20.0	20.2	
	33 2,4-Dimethylphenol	122	5.413	5.413	0.000	67	41209	20.0	19.4	
	34 Bis(2-chloroethoxy)methane	93	5.501	5.501	0.000	87	54795	20.0	20.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.478	5.513	-0.035	88	21583	20.0	19.0	
36 2,4-Dichlorophenol	162	5.601	5.601	0.000	93	38953	20.0	19.7	
37 1,2,4-Trichlorobenzene	180	5.690	5.689	0.001	94	42337	20.0	19.8	
* 38 Naphthalene-d8	136	5.743	5.742	0.001	98	273229	40.0	40.0	
39 Naphthalene	128	5.760	5.760	0.000	98	138538	20.0	19.9	
40 4-Chloroaniline	127	5.807	5.807	0.000	83	61302	20.0	20.2	
130 2,6-Dichlorophenol	162	5.819	5.819	0.000	94	39244	20.0	20.0	
41 Hexachlorobutadiene	225	5.890	5.889	0.001	95	26842	20.0	19.5	
42 Caprolactam	113	6.113	6.131	-0.017	85	10248	16.0	16.8	
43 4-Chloro-3-methylphenol	107	6.260	6.266	-0.006	92	39438	20.0	20.1	
44 2-Methylnaphthalene	142	6.413	6.413	0.000	79	93824	20.0	19.5	
45 1-Methylnaphthalene	142	6.507	6.507	0.000	83	86121	20.0	19.6	
46 Hexachlorocyclopentadiene	237	6.572	6.572	0.000	85	36511	20.0	18.7	
47 1,2,4,5-Tetrachlorobenzene	216	6.578	6.578	0.000	96	45288	20.0	18.5	
48 2-tertbutyl-4-methylphenol	149	6.601	6.601	0.000	75	60065	20.0	20.1	
49 2,4,6-Trichlorophenol	196	6.678	6.678	0.000	90	30711	20.0	19.9	
50 2,4,5-Trichlorophenol	196	6.713	6.713	0.000	89	33781	20.0	18.8	
$ 51 2-Fluorobiphenyl	172	6.760	6.760	0.000	96	110528	20.0	19.2	
52 1,1'-Biphenyl	154	6.854	6.854	0.000	96	111719	20.0	19.4	
53 2-Chloronaphthalene	162	6.872	6.872	0.000	97	87468	20.0	19.4	
54 Phenyl ether	170	6.954	6.954	0.000	83	63404	20.0	19.9	
56 2-Nitroaniline	65	6.960	6.966	-0.006	88	34857	20.0	19.7	
57 1,3-Dimethylnaphthalene	156	7.078	7.077	0.001	88	70809	20.0	19.7	
58 Dimethyl phthalate	163	7.137	7.142	-0.005	98	99938	20.0	19.1	
59 Coumarin	146	7.154	7.160	-0.006	72	35663	20.0	20.7	
60 2,6-Dinitrotoluene	165	7.190	7.189	0.001	2	22604	20.0	19.8	
61 Acenaphthylene	152	7.260	7.260	0.000	96	144812	20.0	19.7	
64 3-Nitroaniline	138	7.348	7.348	0.000	93	25830	20.0	19.6	
* 65 Acenaphthene-d10	164	7.395	7.395	0.000	99	156473	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.413	7.419	-0.006	98	82159	20.0	19.5	
67 Acenaphthene	154	7.425	7.425	0.000	90	91724	20.0	19.3	
68 2,4-Dinitrophenol	184	7.442	7.448	-0.006	69	27717	40.0	37.8	a
69 4-Nitrophenol	65	7.501	7.507	-0.006	90	38224	40.0	39.7	
70 2,4-Dinitrotoluene	165	7.566	7.572	-0.006	92	30468	20.0	19.7	
71 Dibenzofuran	168	7.590	7.589	0.001	91	124216	20.0	19.4	
72 2,3,4,6-Tetrachlorophenol	232	7.701	7.701	0.000	92	27360	20.0	18.8	
73 Diethyl phthalate	149	7.801	7.807	-0.006	97	102825	20.0	19.4	
74 4-Chlorophenyl phenyl ether	204	7.907	7.907	0.000	72	49707	20.0	19.5	
75 Fluorene	166	7.907	7.907	0.000	82	98901	20.0	19.5	
76 4-Nitroaniline	138	7.919	7.930	-0.011	88	26664	20.0	20.0	
77 4,6-Dinitro-2-methylphenol	198	7.948	7.954	-0.006	55	37393	40.0	41.8	
78 N-Nitrosodiphenylamine	169	8.013	8.019	-0.006	96	71616	20.0	19.4	
79 1,2-Diphenylhydrazine	77	8.054	8.060	-0.006	92	92844	20.0	19.7	
$ 80 2,4,6-Tribromophenol	330	8.137	8.136	0.001	91	23604	20.0	19.0	
81 4-Bromophenyl phenyl ether	248	8.366	8.366	0.000	91	29823	20.0	18.5	
83 Hexachlorobenzene	284	8.431	8.436	-0.005	94	39119	20.0	18.9	
84 Atrazine	200	8.513	8.519	-0.006	86	23659	16.0	16.1	
85 Pentachlorophenol	266	8.613	8.613	0.000	88	48467	40.0	38.8	
86 Pentachloronitrobenzene	237	8.631	8.630	0.001	89	15669	20.0	19.5	
87 n-Octadecane	57	8.689	8.695	-0.006	90	84529	20.0	20.1	
* 88 Phenanthrene-d10	188	8.789	8.789	0.000	98	289866	40.0	40.0	
89 Phenanthrene	178	8.807	8.813	-0.006	97	147431	20.0	19.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.854	8.860	-0.006	97	150933	20.0	19.6	
91 Carbazole	167	9.007	9.007	0.000	82	140173	20.0	19.9	
92 Di-n-butyl phthalate	149	9.336	9.342	-0.006	99	175464	20.0	19.9	
93 Fluoranthene	202	9.931	9.930	0.001	98	165333	20.0	19.6	
94 Benzidine	184	10.054	10.054	0.000	99	108018	20.0	21.1	
95 Pyrene	202	10.142	10.142	0.000	97	172290	20.0	19.4	
82 Bisphenol-A	213	10.183	10.189	-0.006	91	82149	20.0	19.8	
$ 96 Terphenyl-d14	244	10.295	10.295	0.000	98	154189	20.0	19.6	
97 Butyl benzyl phthalate	149	10.795	10.801	-0.006	93	75563	20.0	20.0	
99 Carbamazepine	193	10.907	10.913	-0.006	91	71099	20.0	20.1	
100 3,3'-Dichlorobenzidine	252	11.383	11.389	-0.006	99	69809	20.0	20.7	
101 Benzo[a]anthracene	228	11.413	11.413	0.001	98	171452	20.0	19.1	
* 102 Chrysene-d12	240	11.425	11.430	-0.005	98	287441	40.0	40.0	
103 Chrysene	228	11.454	11.460	-0.006	95	171270	20.0	20.3	
104 Bis(2-ethylhexyl) phthalate	149	11.460	11.465	-0.005	81	109721	20.0	19.8	
105 Di-n-octyl phthalate	149	12.301	12.307	-0.006	94	190837	20.0	19.5	
106 Benzo[b]fluoranthene	252	12.801	12.807	-0.006	98	183395	20.0	19.9	
107 Benzo[k]fluoranthene	252	12.836	12.848	-0.012	99	190466	20.0	20.2	
108 Benzo[a]pyrene	252	13.254	13.265	-0.011	96	175294	20.0	20.0	
* 109 Perylene-d12	264	13.342	13.342	0.000	99	322070	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.930	14.942	-0.012	99	186862	20.0	20.5	
111 Dibenz(a,h)anthracene	278	14.971	14.983	-0.012	96	193476	20.0	20.4	
112 Benzo[g,h,i]perylene	276	15.377	15.400	-0.023	93	191570	20.0	19.4	
S 119 Total Cresols	1				0			41.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

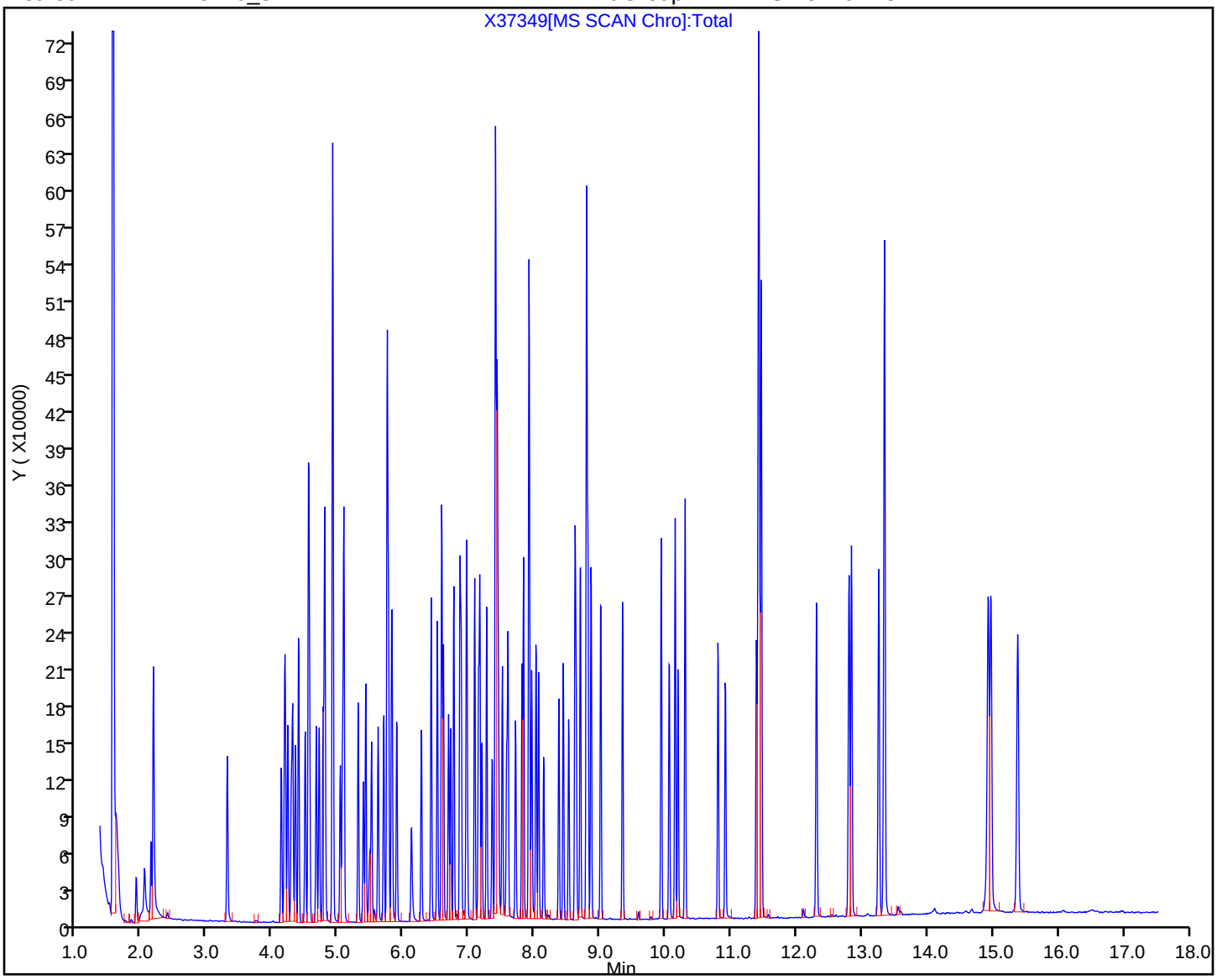
Reagents:

SV_BNA_L6_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37349.d				
Injection Date:	29-Oct-2021 12:04:30	Instrument ID:	CBNAMS5		
Lims ID:	STD20				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37350.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Oct-2021 12:27:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:33 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 12:47:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.905	1.901	0.004	92	8771	10.0	10.4	
2 N-Nitrosodimethylamine	74	2.128	2.125	0.003	75	14957	10.0	10.2	
3 Pyridine	79	2.169	2.160	0.009	74	45718	20.0	20.2	
$ 4 2-Fluorophenol	112	3.299	3.295	0.004	89	23038	10.0	9.09	
5 Benzaldehyde	77	4.122	4.119	0.003	88	21314	10.0	9.37	
$ 6 Phenol-d5	99	4.169	4.172	-0.003	94	27974	10.0	9.08	
7 Phenol	94	4.181	4.189	-0.008	95	31121	10.0	9.87	
8 Aniline	93	4.222	4.219	0.003	22	38375	10.0	10.3	
9 Bis(2-chloroethyl)ether	93	4.275	4.278	-0.003	83	23922	10.0	10.3	
11 2-Chlorophenol	128	4.340	4.336	0.004	88	26962	10.0	10.2	
12 n-Decane	43	4.387	4.384	0.003	94	40832	10.0	10.3	
13 1,3-Dichlorobenzene	146	4.487	4.484	0.003	94	28446	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	95	74424	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.552	4.554	-0.002	77	28851	10.0	10.1	
16 Benzyl alcohol	108	4.657	4.660	-0.003	89	16814	10.0	10.2	
17 1,2-Dichlorobenzene	146	4.699	4.701	-0.002	89	27910	10.0	10.4	
18 2-Methylphenol	108	4.763	4.766	-0.003	85	23278	10.0	10.5	
19 2,2'-oxybis[1-chloropropane]	45	4.793	4.789	0.004	63	53975	10.0	10.6	
20 N-Methylaniline	106	4.904	4.907	-0.003	66	39370	10.0	10.0	
24 4-Methylphenol	108	4.904	4.913	-0.009	73	26132	10.0	10.4	
22 N-Nitrosodi-n-propylamine	70	4.910	4.913	-0.003	76	19421	10.0	10.4	
21 Acetophenone	105	4.910	4.913	-0.003	75	37111	10.0	10.5	
23 3 & 4 Methylphenol	108	4.904	4.913	-0.009	71	26132	10.0	10.4	
25 Hexachloroethane	117	5.022	5.019	0.003	93	11128	10.0	10.6	
$ 26 Nitrobenzene-d5	82	5.057	5.060	-0.003	92	26062	10.0	8.87	
28 Nitrobenzene	123	5.075	5.078	-0.003	85	12732	10.0	10.3	
27 n,n'-Dimethylaniline	120	5.081	5.084	-0.003	80	38296	10.0	9.83	
31 Isophorone	82	5.299	5.301	-0.002	95	50183	10.0	10.6	
32 2-Nitrophenol	139	5.375	5.378	-0.003	83	13742	10.0	10.1	
33 2,4-Dimethylphenol	122	5.410	5.413	-0.003	59	23372	10.0	10.4	
34 Bis(2-chloroethoxy)methane	93	5.504	5.501	0.003	87	29807	10.0	10.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.463	5.513	-0.050	87	8474	10.0	9.64	
36 2,4-Dichlorophenol	162	5.604	5.601	0.003	93	22083	10.0	10.5	
37 1,2,4-Trichlorobenzene	180	5.687	5.689	-0.002	94	23593	10.0	10.4	
* 38 Naphthalene-d8	136	5.740	5.742	-0.002	99	289850	40.0	40.0	
39 Naphthalene	128	5.763	5.760	0.003	99	77363	10.0	10.5	
40 4-Chloroaniline	127	5.804	5.807	-0.003	79	33485	10.0	10.4	
130 2,6-Dichlorophenol	162	5.816	5.819	-0.003	87	21969	10.0	10.6	
41 Hexachlorobutadiene	225	5.887	5.889	-0.002	95	15311	10.0	10.5	
42 Caprolactam	113	6.104	6.131	-0.026	84	6070	10.0	9.13	a
43 4-Chloro-3-methylphenol	107	6.263	6.266	-0.003	92	21587	10.0	10.4	
44 2-Methylnaphthalene	142	6.416	6.413	0.003	82	54181	10.0	10.6	
45 1-Methylnaphthalene	142	6.504	6.507	-0.003	82	47875	10.0	10.2	
46 Hexachlorocyclopentadiene	237	6.575	6.572	0.003	83	20693	10.0	10.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.575	6.578	-0.003	96	26247	10.0	10.1	
48 2-tertbutyl-4-methylphenol	149	6.598	6.601	-0.003	80	31661	10.0	10.0	
49 2,4,6-Trichlorophenol	196	6.681	6.678	0.003	90	16337	10.0	9.98	
50 2,4,5-Trichlorophenol	196	6.710	6.713	-0.003	79	19688	10.0	10.3	
$ 51 2-Fluorobiphenyl	172	6.757	6.760	-0.003	94	54798	10.0	8.99	
52 1,1'-Biphenyl	154	6.851	6.854	-0.003	96	63040	10.0	10.3	
53 2-Chloronaphthalene	162	6.869	6.872	-0.003	96	49268	10.0	10.3	
54 Phenyl ether	170	6.951	6.954	-0.003	85	33130	10.0	9.78	
56 2-Nitroaniline	65	6.957	6.966	-0.009	76	18869	10.0	10.0	
57 1,3-Dimethylnaphthalene	156	7.081	7.077	0.004	89	37070	10.0	9.73	
58 Dimethyl phthalate	163	7.134	7.142	-0.008	98	57624	10.0	10.4	
59 Coumarin	146	7.157	7.160	-0.003	72	18318	10.0	10.0	
60 2,6-Dinitrotoluene	165	7.187	7.189	-0.002	9	12297	10.0	10.1	
61 Acenaphthylene	152	7.263	7.260	0.003	97	80058	10.0	10.3	
64 3-Nitroaniline	138	7.345	7.348	-0.003	93	14532	10.0	10.4	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	98	166044	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.416	7.419	-0.003	89	44322	10.0	9.93	
67 Acenaphthene	154	7.428	7.425	0.003	85	50158	10.0	9.96	
68 2,4-Dinitrophenol	184	7.440	7.448	-0.008	59	14021	20.0	19.6	
69 4-Nitrophenol	65	7.498	7.507	-0.009	90	20350	20.0	19.9	
70 2,4-Dinitrotoluene	165	7.563	7.572	-0.009	91	17008	10.0	10.4	
71 Dibenzofuran	168	7.587	7.589	-0.002	89	71049	10.0	10.5	
72 2,3,4,6-Tetrachlorophenol	232	7.704	7.701	0.003	92	15945	10.0	10.3	
73 Diethyl phthalate	149	7.798	7.807	-0.009	97	58222	10.0	10.4	
74 4-Chlorophenyl phenyl ether	204	7.910	7.907	0.003	71	27702	10.0	10.2	
75 Fluorene	166	7.910	7.907	0.003	81	55738	10.0	10.4	
76 4-Nitroaniline	138	7.916	7.930	-0.014	71	14424	10.0	10.2	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.954	-0.003	45	20488	20.0	21.2	
78 N-Nitrosodiphenylamine	169	8.016	8.019	-0.003	97	41687	10.0	10.4	
79 1,2-Diphenylhydrazine	77	8.057	8.060	-0.003	91	52711	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	8.134	8.136	-0.002	91	12045	10.0	9.11	
81 4-Bromophenyl phenyl ether	248	8.363	8.366	-0.003	89	17797	10.0	10.2	
83 Hexachlorobenzene	284	8.434	8.436	-0.002	94	22819	10.0	10.2	
84 Atrazine	200	8.516	8.519	-0.003	88	15569	10.0	9.77	
85 Pentachlorophenol	266	8.610	8.613	-0.003	92	27955	20.0	20.7	
86 Pentachloronitrobenzene	237	8.628	8.630	-0.002	85	8373	10.0	9.63	
87 n-Octadecane	57	8.692	8.695	-0.003	88	47962	10.0	10.6	
* 88 Phenanthrene-d10	188	8.787	8.789	-0.002	98	313633	40.0	40.0	
89 Phenanthrene	178	8.810	8.813	-0.003	96	83770	10.0	10.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.857	8.860	-0.003	97	84677	10.0	10.2	
91 Carbazole	167	9.004	9.007	-0.003	83	77133	10.0	10.1	
92 Di-n-butyl phthalate	149	9.339	9.342	-0.003	99	99533	10.0	10.4	
93 Fluoranthene	202	9.928	9.930	-0.002	98	93217	10.0	10.2	
94 Benzidine	184	10.051	10.054	-0.003	99	56852	10.0	10.3	
95 Pyrene	202	10.139	10.142	-0.003	97	97434	10.0	10.3	
82 Bisphenol-A	213	10.186	10.189	-0.003	91	42701	10.0	9.64	
$ 96 Terphenyl-d14	244	10.292	10.295	-0.003	98	76502	10.0	9.14	
97 Butyl benzyl phthalate	149	10.798	10.801	-0.003	94	40880	10.0	10.1	
99 Carbamazepine	193	10.910	10.913	-0.003	92	35664	10.0	9.45	
100 3,3'-Dichlorobenzidine	252	11.381	11.389	-0.009	99	34748	10.0	9.65	
101 Benzo[a]anthracene	228	11.410	11.413	-0.002	93	96402	10.0	10.1	
* 102 Chrysene-d12	240	11.422	11.430	-0.008	98	306416	40.0	40.0	
103 Chrysene	228	11.451	11.460	-0.009	95	92592	10.0	10.3	
104 Bis(2-ethylhexyl) phthalate	149	11.463	11.465	-0.002	74	59786	10.0	10.1	
105 Di-n-octyl phthalate	149	12.304	12.307	-0.003	93	102599	10.0	10.1	
106 Benzo[b]fluoranthene	252	12.798	12.807	-0.009	97	95759	10.0	10.0	
107 Benzo[k]fluoranthene	252	12.833	12.848	-0.015	98	102132	10.0	10.4	
108 Benzo[a]pyrene	252	13.251	13.265	-0.014	96	95004	10.0	10.4	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	335140	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.942	-0.015	99	94991	10.0	10.0	
111 Dibenz(a,h)anthracene	278	14.969	14.983	-0.015	96	100450	10.0	10.2	
112 Benzo[g,h,i]perylene	276	15.374	15.400	-0.026	92	101904	10.0	9.92	
S 119 Total Cresols	1				0			20.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

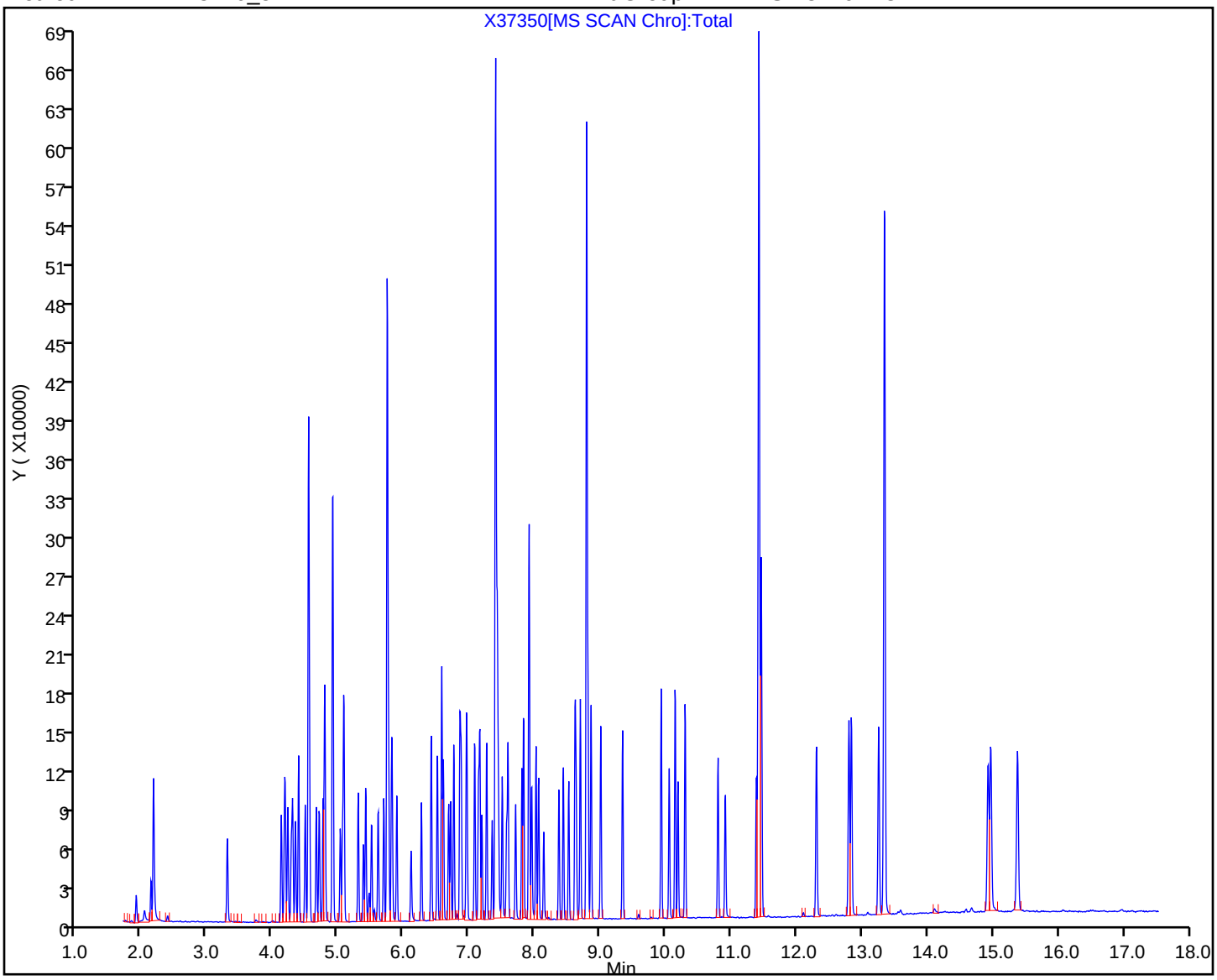
Reagents:

SV_BNA_L5_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37350.d				
Injection Date:	29-Oct-2021 12:27:30	Instrument ID:	CBNAMS5		
Lims ID:	STD10				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37351.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Oct-2021 12:50:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:38 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 13:15:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.905	1.901	0.004	89	4074	5.00	5.03	
2 N-Nitrosodimethylamine	74	2.134	2.125	0.009	72	7342	5.00	5.19	
3 Pyridine	79	2.169	2.160	0.009	73	22416	10.0	10.3	
$ 4 2-Fluorophenol	112	3.299	3.295	0.004	89	11669	5.00	4.79	
5 Benzaldehyde	77	4.122	4.119	0.003	88	11069	5.00	5.07	
$ 6 Phenol-d5	99	4.169	4.172	-0.003	94	14862	5.00	5.02	
7 Phenol	94	4.181	4.189	-0.008	95	15567	5.00	5.14	
8 Aniline	93	4.222	4.219	0.003	42	18528	5.00	5.16	
9 Bis(2-chloroethyl)ether	93	4.275	4.278	-0.003	83	11559	5.00	5.20	
11 2-Chlorophenol	128	4.340	4.336	0.004	88	12703	5.00	5.02	
12 n-Decane	43	4.387	4.384	0.003	94	20817	5.00	5.48	
13 1,3-Dichlorobenzene	146	4.487	4.484	0.003	94	13777	5.00	5.17	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	96	71496	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.551	4.554	-0.003	79	14415	5.00	5.27	
16 Benzyl alcohol	108	4.657	4.660	-0.003	91	8101	5.00	5.09	
17 1,2-Dichlorobenzene	146	4.699	4.701	-0.003	89	13326	5.00	5.15	
18 2-Methylphenol	108	4.757	4.766	-0.009	83	10821	5.00	5.06	
19 2,2'-oxybis[1-chloropropane]	45	4.787	4.789	-0.002	64	26225	5.00	5.35	
20 N-Methylaniline	106	4.904	4.907	-0.003	66	19663	5.00	5.20	
24 4-Methylphenol	108	4.904	4.913	-0.009	73	12643	5.00	5.26	
22 N-Nitrosodi-n-propylamine	70	4.910	4.913	-0.003	79	9543	5.00	5.33	
21 Acetophenone	105	4.910	4.913	-0.003	76	18659	5.00	5.48	
23 3 & 4 Methylphenol	108	4.904	4.913	-0.009	70	12643	5.00	5.26	
25 Hexachloroethane	117	5.022	5.019	0.003	92	5258	5.00	5.22	
$ 26 Nitrobenzene-d5	82	5.057	5.060	-0.003	92	13440	5.00	4.77	
28 Nitrobenzene	123	5.075	5.078	-0.003	85	6102	5.00	5.14	
27 n,n'-Dimethylaniline	120	5.081	5.084	-0.003	80	19094	5.00	5.10	
31 Isophorone	82	5.298	5.301	-0.003	95	23746	5.00	5.22	
32 2-Nitrophenol	139	5.381	5.378	0.003	84	6328	5.00	4.84	
33 2,4-Dimethylphenol	122	5.410	5.413	-0.003	59	11471	5.00	5.30	
34 Bis(2-chloroethoxy)methane	93	5.498	5.501	-0.003	92	14520	5.00	5.30	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	5.463	5.513	-0.050	71	1493	5.00	5.15	M
36 2,4-Dichlorophenol	162	5.604	5.601	0.003	93	10404	5.00	5.17	
37 1,2,4-Trichlorobenzene	180	5.687	5.689	-0.002	93	11318	5.00	5.21	
* 38 Naphthalene-d8	136	5.740	5.742	-0.002	99	277986	40.0	40.0	
39 Naphthalene	128	5.763	5.760	0.003	87	37025	5.00	5.22	
40 4-Chloroaniline	127	5.804	5.807	-0.003	79	16330	5.00	5.28	
130 2,6-Dichlorophenol	162	5.816	5.819	-0.003	89	10482	5.00	5.26	
41 Hexachlorobutadiene	225	5.887	5.889	-0.002	94	7433	5.00	5.32	
42 Caprolactam	113	6.098	6.131	-0.032	84	3150	5.00	5.07	
43 4-Chloro-3-methylphenol	107	6.263	6.266	-0.003	90	10502	5.00	5.25	
44 2-Methylnaphthalene	142	6.416	6.413	0.003	83	25680	5.00	5.25	
45 1-Methylnaphthalene	142	6.504	6.507	-0.003	82	23685	5.00	5.29	
46 Hexachlorocyclopentadiene	237	6.575	6.572	0.003	75	9797	5.00	4.99	
47 1,2,4,5-Tetrachlorobenzene	216	6.575	6.578	-0.003	94	12425	5.00	5.03	
48 2-tertbutyl-4-methylphenol	149	6.598	6.601	-0.003	68	14929	5.00	4.92	
49 2,4,6-Trichlorophenol	196	6.681	6.678	0.003	88	7380	5.00	4.75	
50 2,4,5-Trichlorophenol	196	6.710	6.713	-0.003	78	9105	5.00	5.03	
$ 51 2-Fluorobiphenyl	172	6.757	6.760	-0.003	94	27659	5.00	4.78	
52 1,1'-Biphenyl	154	6.851	6.854	-0.003	96	30117	5.00	5.19	
53 2-Chloronaphthalene	162	6.869	6.872	-0.003	94	23562	5.00	5.17	
54 Phenyl ether	170	6.951	6.954	-0.003	84	16154	5.00	5.02	
56 2-Nitroaniline	65	6.957	6.966	-0.009	74	9303	5.00	5.21	
57 1,3-Dimethylnaphthalene	156	7.075	7.077	-0.002	88	18209	5.00	5.03	
58 Dimethyl phthalate	163	7.134	7.142	-0.008	98	27778	5.00	5.28	
59 Coumarin	146	7.157	7.160	-0.003	73	8848	5.00	5.06	
60 2,6-Dinitrotoluene	165	7.187	7.189	-0.002	7	5804	5.00	5.04	
61 Acenaphthylene	152	7.263	7.260	0.003	96	39256	5.00	5.30	
64 3-Nitroaniline	138	7.345	7.348	-0.003	91	6719	5.00	5.07	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	98	157683	40.0	40.0	
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71 Dibenzofuran	168	7.587	7.589	-0.002	88	33478	5.00	5.19	
72 2,3,4,6-Tetrachlorophenol	232	7.704	7.701	0.003	88	7065	5.00	4.81	
73 Diethyl phthalate	149	7.798	7.807	-0.009	96	27609	5.00	5.17	
74 4-Chlorophenyl phenyl ether	204	7.910	7.907	0.003	71	13396	5.00	5.21	
75 Fluorene	166	7.910	7.907	0.003	81	26198	5.00	5.14	
76 4-Nitroaniline	138	7.916	7.930	-0.014	71	6632	5.00	4.94	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.954	-0.003	41	8435	10.0	9.04	
78 N-Nitrosodiphenylamine	169	8.016	8.019	-0.003	96	19330	5.00	5.01	
79 1,2-Diphenylhydrazine	77	8.057	8.060	-0.003	93	25004	5.00	5.08	
$ 80 2,4,6-Tribromophenol	330	8.134	8.136	-0.002	82	5941	5.00	4.73	
81 4-Bromophenyl phenyl ether	248	8.369	8.366	0.003	91	8262	5.00	4.90	
83 Hexachlorobenzene	284	8.434	8.436	-0.002	93	10751	5.00	4.98	
84 Atrazine	200	8.516	8.519	-0.003	84	7230	5.00	4.70	
85 Pentachlorophenol	266	8.616	8.613	0.003	90	11864	10.0	9.10	
86 Pentachloronitrobenzene	237	8.628	8.630	-0.002	80	4132	5.00	4.93	
87 n-Octadecane	57	8.692	8.695	-0.003	86	22475	5.00	5.13	
* 88 Phenanthrene-d10	188	8.786	8.789	-0.003	98	302596	40.0	40.0	
89 Phenanthrene	178	8.810	8.813	-0.003	97	39559	5.00	5.05	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.857	8.860	-0.003	97	40924	5.00	5.10	
91 Carbazole	167	9.004	9.007	-0.003	83	37605	5.00	5.12	
92 Di-n-butyl phthalate	149	9.339	9.342	-0.003	99	46454	5.00	5.04	
93 Fluoranthene	202	9.928	9.930	-0.002	98	43914	5.00	5.00	
94 Benzidine	184	10.051	10.054	-0.003	98	25849	5.00	4.83	
95 Pyrene	202	10.145	10.142	0.003	97	45815	5.00	5.18	
82 Bisphenol-A	213	10.186	10.189	-0.003	90	19142	5.00	4.62	
$ 96 Terphenyl-d14	244	10.292	10.295	-0.003	97	38274	5.00	4.89	
97 Butyl benzyl phthalate	149	10.798	10.801	-0.003	94	18396	5.00	4.88	
99 Carbamazepine	193	10.910	10.913	-0.003	86	15863	5.00	4.49	
100 3,3'-Dichlorobenzidine	252	11.386	11.389	-0.003	98	16475	5.00	4.90	
101 Benzo[a]anthracene	228	11.410	11.413	-0.002	70	45307	5.00	5.07	
* 102 Chrysene-d12	240	11.422	11.430	-0.008	98	286464	40.0	40.0	
103 Chrysene	228	11.451	11.460	-0.009	92	44237	5.00	5.25	
104 Bis(2-ethylhexyl) phthalate	149	11.463	11.465	-0.002	68	27457	5.00	4.98	
105 Di-n-octyl phthalate	149	12.304	12.307	-0.003	91	45908	5.00	4.82	
106 Benzo[b]fluoranthene	252	12.798	12.807	-0.009	97	45252	5.00	5.06	
107 Benzo[k]fluoranthene	252	12.833	12.848	-0.015	98	47310	5.00	5.15	
108 Benzo[a]pyrene	252	13.251	13.265	-0.014	96	43140	5.00	5.07	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	313115	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.942	-0.021	99	41902	5.00	4.73	
111 Dibenz(a,h)anthracene	278	14.968	14.983	-0.015	96	46389	5.00	5.03	
112 Benzo[g,h,i]perylene	276	15.374	15.400	-0.026	89	46460	5.00	4.84	
S 119 Total Cresols	1				0			10.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37351.d

Injection Date: 29-Oct-2021 12:50:30 Instrument ID: CBNAMS5

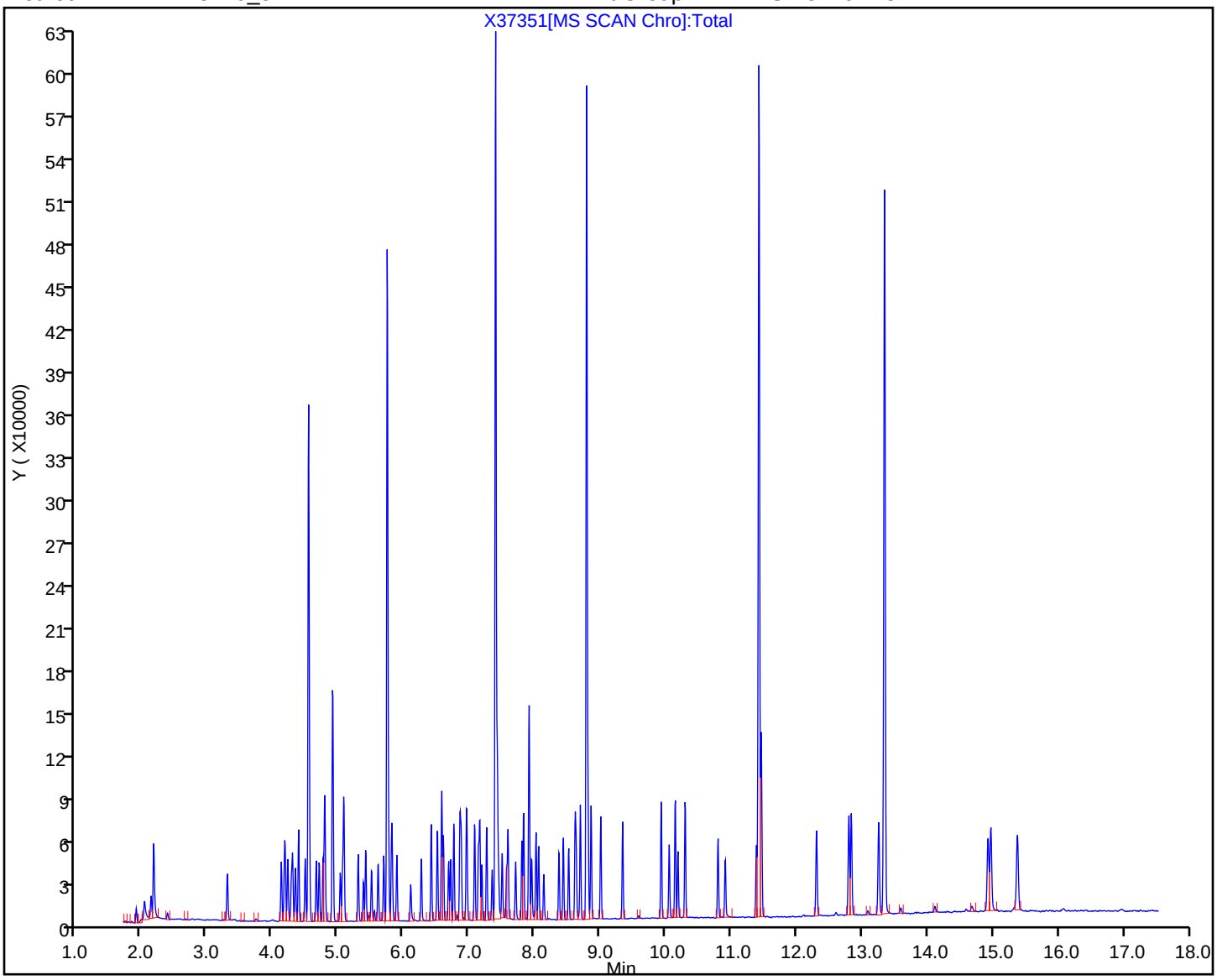
Lims ID: STD5

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37352.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Oct-2021 13:13:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:42 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 13:34:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.905	1.901	0.004	88	1652	2.00	2.16	
$ 4 2-Fluorophenol	112	3.299	3.295	0.004	87	5252	2.00	2.29	
5 Benzaldehyde	77	4.122	4.119	0.003	86	4121	2.00	2.00	
$ 6 Phenol-d5	99	4.169	4.172	-0.003	95	6771	2.00	2.43	
9 Bis(2-chloroethyl)ether	93	4.275	4.278	-0.003	76	4206	2.00	2.01	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	96	67435	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.910	4.913	-0.003	75	3270	2.00	1.94	
25 Hexachloroethane	117	5.022	5.019	0.003	83	1811	2.00	1.90	
$ 26 Nitrobenzene-d5	82	5.057	5.060	-0.003	90	6218	2.00	2.33	
28 Nitrobenzene	123	5.075	5.078	-0.003	82	2331	2.00	2.08	
27 n,n'-Dimethylaniline	120	5.081	5.084	-0.003	78	6878	2.00	1.95	
31 Isophorone	82	5.298	5.301	-0.003	94	8717	2.00	2.02	
36 2,4-Dichlorophenol	162	5.604	5.601	0.003	88	3407	2.00	1.79	
37 1,2,4-Trichlorobenzene	180	5.687	5.689	-0.002	86	3886	2.00	1.89	
* 38 Naphthalene-d8	136	5.740	5.742	-0.002	99	263231	40.0	40.0	
130 2,6-Dichlorophenol	162	5.816	5.819	-0.003	85	3418	2.00	1.81	
41 Hexachlorobutadiene	225	5.887	5.889	-0.002	84	2613	2.00	1.97	
42 Caprolactam	113	6.098	6.131	-0.032	78	931	2.00	1.96	M
49 2,4,6-Trichlorophenol	196	6.681	6.678	0.003	81	2450	2.00	1.67	
$ 51 2-Fluorobiphenyl	172	6.757	6.760	-0.003	94	13082	2.00	2.39	
60 2,6-Dinitrotoluene	165	7.187	7.189	-0.002	1	2112	2.00	1.94	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	98	148830	40.0	40.0	
68 2,4-Dinitrophenol	184	7.445	7.448	-0.003	1	941	4.00	4.18	a
70 2,4-Dinitrotoluene	165	7.563	7.572	-0.009	79	2749	2.00	1.87	a
77 4,6-Dinitro-2-methylphenol	198	7.951	7.954	-0.003	50	2466	4.00	2.81	
$ 80 2,4,6-Tribromophenol	330	8.134	8.136	-0.002	66	2673	2.00	2.26	
83 Hexachlorobenzene	284	8.434	8.436	-0.002	80	4050	2.00	1.99	
84 Atrazine	200	8.516	8.519	-0.003	70	2867	2.00	1.98	
85 Pentachlorophenol	266	8.616	8.613	0.003	78	4129	4.00	3.36	
* 88 Phenanthrene-d10	188	8.786	8.789	-0.003	98	285006	40.0	40.0	
$ 96 Terphenyl-d14	244	10.298	10.295	0.003	94	18180	2.00	2.40	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
100 3,3'-Dichlorobenzidine	252	11.386	11.389	-0.003	86	5937	2.00	1.82	
101 Benzo[a]anthracene	228	11.410	11.413	-0.002	53	17255	2.00	2.00	
* 102 Chrysene-d12	240	11.422	11.430	-0.008	99	277155	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.798	12.807	-0.009	94	16269	2.00	1.85	
107 Benzo[k]fluoranthene	252	12.833	12.848	-0.015	98	17396	2.00	1.93	
108 Benzo[a]pyrene	252	13.257	13.265	-0.008	94	15795	2.00	1.89	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	307015	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.942	-0.021	99	15345	2.00	1.77	
111 Dibenz(a,h)anthracene	278	14.968	14.983	-0.015	94	16775	2.00	1.86	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

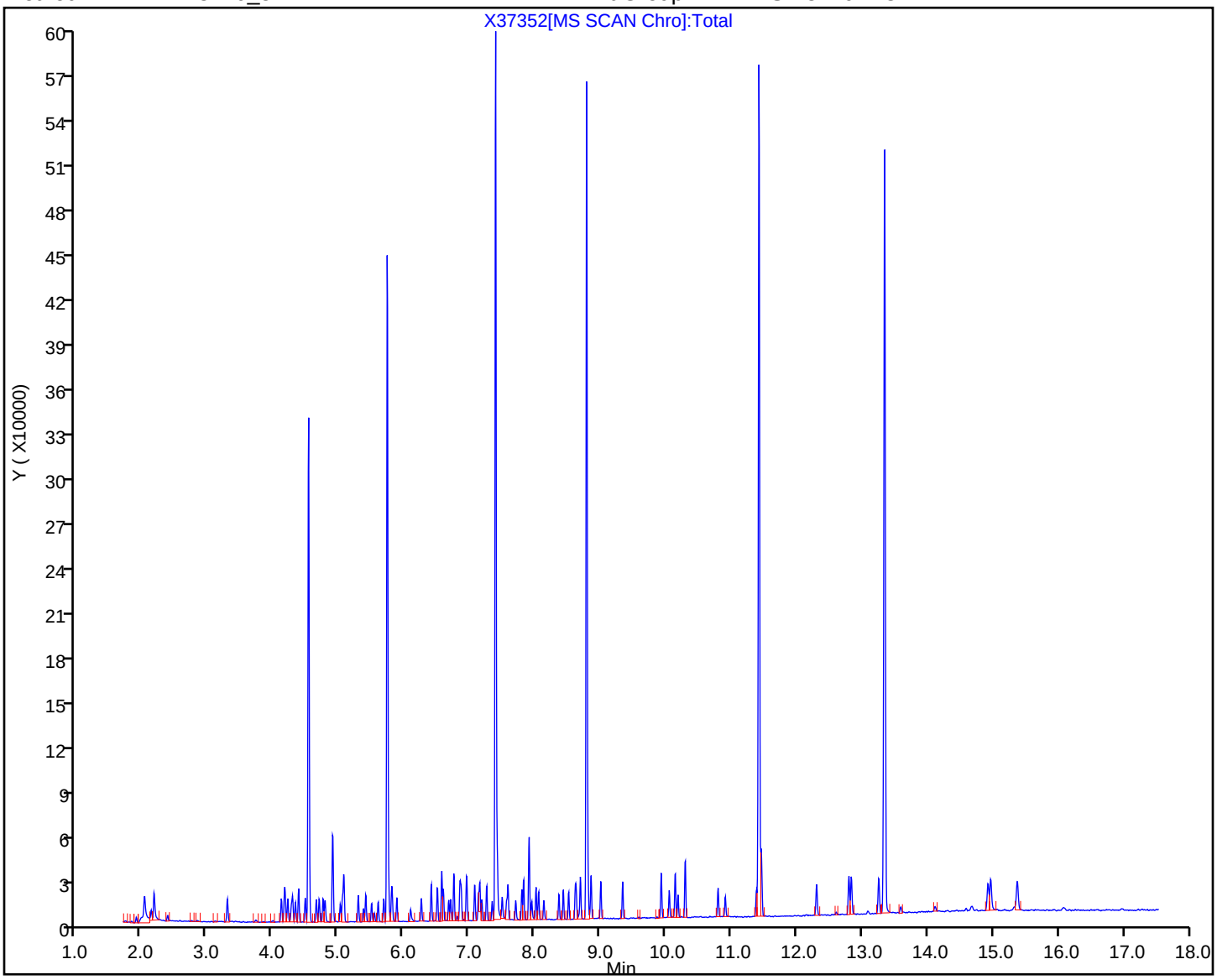
Reagents:

SV_BNA_L3_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:44 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37352.d				
Injection Date:	29-Oct-2021 13:13:30	Instrument ID:	CBNAMS5		
Lims ID:	STD2				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37353.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Oct-2021 13:36:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:45 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 13:59:01

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.910	1.901	0.009	72	751	1.00	1.05	
$ 4 2-Fluorophenol	112	3.299	3.295	0.004	83	2295	1.00	1.06	
5 Benzaldehyde	77	4.122	4.119	0.003	83	2053	1.00	1.06	
$ 6 Phenol-d5	99	4.169	4.172	-0.003	87	2664	1.00	1.02	
9 Bis(2-chloroethyl)ether	93	4.275	4.278	-0.003	66	2019	1.00	1.02	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	96	63375	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.910	4.913	-0.003	68	1651	1.00	1.04	
25 Hexachloroethane	117	5.022	5.019	0.003	77	832	1.00	0.9312	
$ 26 Nitrobenzene-d5	82	5.057	5.060	-0.003	86	2959	1.00	1.17	
28 Nitrobenzene	123	5.075	5.078	-0.003	82	1047	1.00	0.99	
27 n,n'-Dimethylaniline	120	5.081	5.084	-0.003	75	3433	1.00	1.04	
37 1,2,4-Trichlorobenzene	180	5.687	5.689	-0.002	73	1830	1.00	0.9371	
* 38 Naphthalene-d8	136	5.740	5.742	-0.002	99	250145	40.0	40.0	
41 Hexachlorobutadiene	225	5.887	5.889	-0.002	66	1081	1.00	0.8596	
42 Caprolactam	113	6.104	6.131	-0.026	62	293	1.00	1.04	M
$ 51 2-Fluorobiphenyl	172	6.757	6.760	-0.003	87	5716	1.00	1.06	
60 2,6-Dinitrotoluene	165	7.187	7.189	-0.002	2	1059	1.00	0.9871	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	98	146973	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.563	7.572	-0.009	66	1437	1.00	0.99	a
$ 80 2,4,6-Tribromophenol	330	8.139	8.136	0.003	11	1166	1.00	1.00	
83 Hexachlorobenzene	284	8.434	8.436	-0.002	67	1785	1.00	0.8888	
84 Atrazine	200	8.516	8.519	-0.003	46	1435	1.00	1.00	
* 88 Phenanthrene-d10	188	8.787	8.789	-0.003	98	281779	40.0	40.0	
$ 96 Terphenyl-d14	244	10.292	10.295	-0.003	84	8226	1.00	1.08	
101 Benzo[a]anthracene	228	11.410	11.413	-0.002	47	8842	1.00	1.02	
* 102 Chrysene-d12	240	11.422	11.430	-0.008	99	277599	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.798	12.807	-0.009	91	8697	1.00	1.00	
107 Benzo[k]fluoranthene	252	12.833	12.848	-0.015	91	8465	1.00	0.9530	
108 Benzo[a]pyrene	252	13.251	13.265	-0.014	89	7823	1.00	0.9508	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	302866	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.942	-0.021	96	7636	1.00	0.8915	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
111 Dibenz(a,h)anthracene	278	14.963	14.983	-0.020	89	8089	1.00	0.9071	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

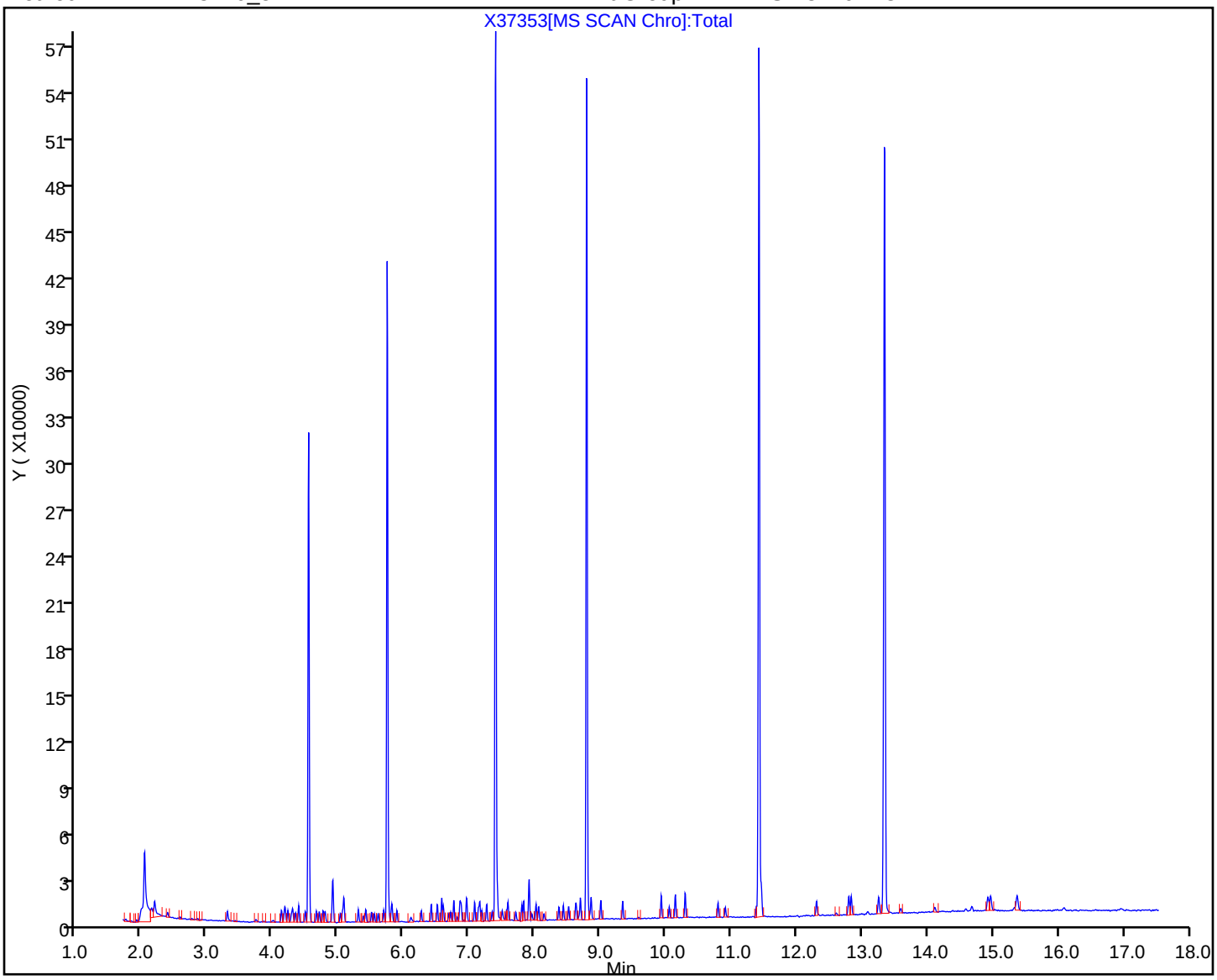
Reagents:

SV_BNA_L2_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:47 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37353.d				
Injection Date:	29-Oct-2021 13:36:30	Instrument ID:	CBNAMS5		
Lims ID:	STD1				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Oct-2021 14:00:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:35:48 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 14:25:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.910	1.901	0.009	61	312	0.5000	0.4489	
$ 6 Phenol-d5	99	4.169	4.172	-0.003	82	1263	0.5000	0.4971	
9 Bis(2-chloroethyl)ether	93	4.275	4.278	-0.003	54	964	0.5000	0.5049	
* 14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	96	61408	40.0	40.0	
22 N-Nitrosodi-n-propylamine	70	4.910	4.913	-0.003	72	809	0.5000	0.5260	a
25 Hexachloroethane	117	5.022	5.019	0.003	59	439	0.5000	0.5071	
$ 26 Nitrobenzene-d5	82	5.057	5.060	-0.003	73	1386	0.5000	0.5746	
28 Nitrobenzene	123	5.075	5.078	-0.003	76	490	0.5000	0.4804	
27 n,n'-Dimethylaniline	120	5.081	5.084	-0.003	60	1638	0.5000	0.5097	
37 1,2,4-Trichlorobenzene	180	5.687	5.689	-0.002	48	890	0.5000	0.4790	
* 38 Naphthalene-d8	136	5.740	5.742	-0.002	99	238012	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.757	6.760	-0.003	71	2691	0.5000	0.5414	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	98	135330	40.0	40.0	
83 Hexachlorobenzene	284	8.434	8.436	-0.002	36	952	0.5000	0.4961	
* 88 Phenanthrene-d10	188	8.786	8.789	-0.003	98	269210	40.0	40.0	
$ 96 Terphenyl-d14	244	10.298	10.295	0.003	57	3556	0.5000	0.4843	
101 Benzo[a]anthracene	228	11.410	11.413	-0.002	40	4553	0.5000	0.5432	
* 102 Chrysene-d12	240	11.422	11.430	-0.008	99	268809	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.798	12.807	-0.009	77	3768	0.5000	0.4423	
107 Benzo[k]fluoranthene	252	12.833	12.848	-0.015	70	4009	0.5000	0.4586	
108 Benzo[a]pyrene	252	13.251	13.265	-0.014	84	3481	0.5000	0.4298	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	298097	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.921	14.942	-0.021	82	3710	0.5000	0.4401	
111 Dibenz(a,h)anthracene	278	14.968	14.983	-0.015	52	3869	0.5000	0.4408	

QC Flag Legend
Processing Flags

Review Flags
a - User Assigned ID

Reagents:

SV_BNA_L1_00003 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:35:49 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Injection Date: 29-Oct-2021 14:00:30 Instrument ID: CBNAMS5

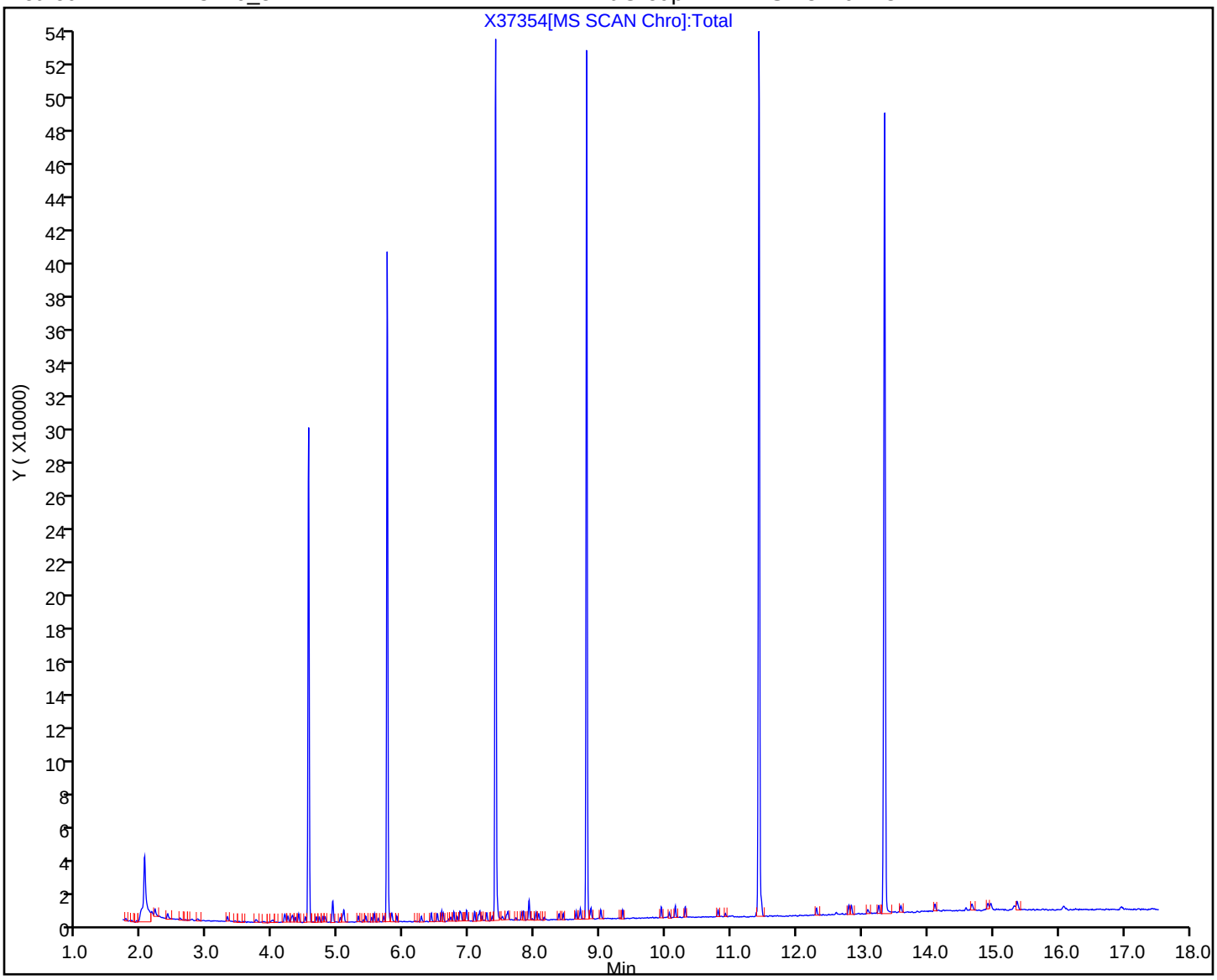
Lims ID: STD05

Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-806532/11 Calibration Date: 10/12/2021 12:59

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f455725.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4971	0.4970		50000	50000	-0.0	30.0
N-Nitrosodimethylamine	Ave	0.7671	0.7375		48100	50000	-3.9	30.0
Pyridine	Ave	1.312	1.175		89600	100000	-10.4	30.0
Benzaldehyde	Ave	1.158	0.6279	0.0100	10800	20000	-45.8*	30.0
Phenol	Ave	1.652	1.557	0.8000	47100	50000	-5.7	30.0
Aniline	Ave	2.030	1.922		47300	50000	-5.3	30.0
Bis(2-chloroethyl)ether	Ave	1.340	1.263	0.7000	47100	50000	-5.7	30.0
2-Chlorophenol	Ave	1.368	1.309	0.8000	47900	50000	-4.3	30.0
n-Decane	Ave	1.926	1.793		46600	50000	-6.9	30.0
1,3-Dichlorobenzene	Ave	1.515	1.437		47400	50000	-5.1	30.0
1,4-Dichlorobenzene	Ave	1.546	1.465		47400	50000	-5.3	30.0
Benzyl alcohol	Ave	0.8995	0.8675		48200	50000	-3.6	30.0
1,2-Dichlorobenzene	Ave	1.466	1.384		47200	50000	-5.6	30.0
2-Methylphenol	Ave	1.215	1.152	0.7000	47400	50000	-5.2	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.412	2.297	0.0100	47600	50000	-4.8	30.0
N-Methylaniline	Ave	2.156	2.021		46900	50000	-6.2	30.0
Acetophenone	Ave	1.972	1.870	0.0100	47400	50000	-5.2	30.0
3 & 4 Methylphenol	Ave	1.389	1.323		47600	50000	-4.8	30.0
4-Methylphenol	Ave	1.389	1.323	0.6000	47600	50000	-4.8	30.0
N-Nitrosodi-n-propylamine	Ave	0.8620	0.8410	0.5000	48800	50000	-2.4	30.0
Hexachloroethane	Ave	0.6032	0.5673	0.3000	47000	50000	-5.9	30.0
Nitrobenzene	Ave	0.6422	0.6268	0.2000	48800	50000	-2.4	30.0
n,n'-Dimethylaniline	Ave	2.156	2.126		49300	50000	-1.4	30.0
Isophorone	Ave	0.6789	0.6501	0.4000	47900	50000	-4.2	30.0
2-Nitrophenol	Ave	0.1794	0.1710	0.1000	47600	50000	-4.7	30.0
2,4-Dimethylphenol	Ave	0.3056	0.2929	0.2000	47900	50000	-4.2	30.0
Bis(2-chloroethoxy)methane	Ave	0.4309	0.4097	0.3000	47500	50000	-4.9	30.0
Benzoic acid	Ave	0.1990	0.2126		53400	50000	6.8	30.0
2,4-Dichlorophenol	Ave	0.2888	0.2825	0.2000	48900	50000	-2.2	30.0
1,2,4-Trichlorobenzene	Ave	0.3126	0.3093		49500	50000	-1.1	30.0
Naphthalene	Ave	1.039	0.997	0.7000	48000	50000	-4.1	30.0
4-Chloroaniline	Ave	0.4389	0.4154	0.0100	47300	50000	-5.4	30.0
Hexachlorobutadiene	Ave	0.1878	0.1800	0.0100	47900	50000	-4.1	30.0
Caprolactam	Qua		0.0952	0.0100	17300	20000	-13.4	30.0
4-Chloro-3-methylphenol	Ave	0.3006	0.2878	0.2000	47900	50000	-4.3	30.0
2-Methylnaphthalene	Ave	0.7107	0.6745	0.4000	47500	50000	-5.1	30.0
1-Methylnaphthalene	Ave	0.6490	0.6257		48200	50000	-3.6	30.0
Hexachlorocyclopentadiene	Ave	0.4035	0.3983	0.0500	49400	50000	-1.3	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5896	0.5886	0.0100	49900	50000	-0.2	30.0
2-tertbutyl-4-methylphenol	Ave	0.4338	0.4330		49900	50000	-0.2	30.0
2,4,6-Trichlorophenol	Ave	0.3888	0.4020	0.2000	51700	50000	3.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-806532/11 Calibration Date: 10/12/2021 12:59

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f455725.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4180	0.4267	0.2000	51000	50000	2.1	30.0
1,1'-Biphenyl	Ave	1.521	1.543	0.0100	50700	50000	1.5	30.0
2-Chloronaphthalene	Ave	1.166	1.175	0.8000	50400	50000	0.8	30.0
Phenyl ether	Ave	0.8346	0.8470		50700	50000	1.5	30.0
2-Nitroaniline	Ave	0.4872	0.4920	0.0100	50500	50000	1.0	30.0
1,3-Dimethylnaphthalene	Ave	0.9561	1.018		53200	50000	6.5	30.0
Coumarin	Ave	0.2580	0.2531		49100	50000	-1.9	30.0
Dimethyl phthalate	Ave	1.344	1.354	0.0100	50400	50000	0.8	30.0
2,6-Dinitrotoluene	Ave	0.2871	0.2983	0.2000	51900	50000	3.9	30.0
Acenaphthylene	Ave	1.906	1.828	0.9000	47900	50000	-4.1	30.0
3-Nitroaniline	Ave	0.3306	0.3402	0.0100	51400	50000	2.9	30.0
Acenaphthene	Ave	1.077	1.092	0.9000	50700	50000	1.4	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.026	1.045		50900	50000	1.9	30.0
2,4-Dinitrophenol	Lin2		0.1816	0.0100	99200	100000	-0.8	30.0
4-Nitrophenol	Ave	0.2890	0.2971	0.0100	103000	100000	2.8	30.0
2,4-Dinitrotoluene	Ave	0.3796	0.4139	0.2000	54500	50000	9.0	30.0
Dibenzofuran	Ave	1.648	1.674	0.8000	50800	50000	1.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3454	0.3513	0.0100	50900	50000	1.7	30.0
Diethyl phthalate	Ave	1.386	1.403	0.0100	50600	50000	1.2	30.0
Fluorene	Ave	1.329	1.344	0.9000	50600	50000	1.1	30.0
4-Chlorophenyl phenyl ether	Ave	0.6176	0.6203	0.4000	50200	50000	0.4	30.0
4-Nitroaniline	Ave	0.3263	0.3261	0.0100	50000	50000	-0.0	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1127	0.1217	0.0100	108000	100000	8.0	30.0
N-Nitrosodiphenylamine	Ave	0.5226	0.5238	0.0100	50100	50000	0.2	30.0
1,2-Diphenylhydrazine	Ave	0.7507	0.7575		50500	50000	0.9	30.0
4-Bromophenyl phenyl ether	Ave	0.2145	0.2111	0.1000	49200	50000	-1.6	30.0
Hexachlorobenzene	Ave	0.2626	0.2607	0.1000	49600	50000	-0.7	30.0
Atrazine	Ave	0.2034	0.2186	0.0100	21500	20000	7.5	30.0
Pentachlorophenol	Ave	0.1582	0.1642	0.0500	104000	100000	3.8	30.0
Pentachloronitrobenzene	Ave	0.1019	0.1046	0.0100	51300	50000	2.7	30.0
n-Octadecane	Ave	0.7216	0.7350		50900	50000	1.9	30.0
Phenanthrene	Ave	1.067	1.064	0.7000	49900	50000	-0.3	30.0
Anthracene	Ave	1.095	1.095	0.7000	50000	50000	-0.0	30.0
Carbazole	Ave	1.008	1.004	0.0100	49800	50000	-0.4	30.0
Di-n-butyl phthalate	Ave	1.260	1.289	0.0100	51100	50000	2.3	30.0
Fluoranthene	Ave	1.148	1.179	0.6000	51400	50000	2.8	30.0
Benzidine	Ave	0.6605	0.6500		49200	50000	-1.6	30.0
Pyrene	Ave	1.248	1.279	0.6000	51200	50000	2.5	30.0
Bisphenol-A	Ave	0.5578	0.5860		52500	50000	5.0	30.0
Butyl benzyl phthalate	Ave	0.5618	0.5913	0.0100	52600	50000	5.3	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-806532/11 Calibration Date: 10/12/2021 12:59

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f455725.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.5041	0.5489		54400	50000	8.9	30.0
3,3'-Dichlorobenzidine	Ave	0.4469	0.4938	0.0100	55300	50000	10.5	30.0
Benzo[a]anthracene	Ave	1.180	1.173	0.8000	49700	50000	-0.6	30.0
Chrysene	Ave	1.199	1.205	0.7000	50300	50000	0.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.8469	0.8828	0.0100	52100	50000	4.2	30.0
Di-n-octyl phthalate	Ave	1.332	1.436	0.0100	53900	50000	7.8	30.0
Benzo[b]fluoranthene	Ave	1.004	1.125		56000	50000	12.1	30.0
Benzo[k]fluoranthene	Ave	1.161	1.245	0.7000	53600	50000	7.2	30.0
Benzo[a]pyrene	Ave	0.9944	1.135	0.7000	57100	50000	14.2	30.0
Indeno[1,2,3-cd]pyrene	Qua2		1.015	0.5000	53200	50000	6.4	30.0
Dibenz(a,h)anthracene	Ave	0.9496	1.111	0.4000	58500	50000	17.0	30.0
Benzo[g,h,i]perylene	Ave	1.106	1.137	0.5000	51400	50000	2.8	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455725.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-Oct-2021 12:59:26 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-011
Operator ID: Instrument ID: CBNAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:39:52 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 13:40:12

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.530	1.536	-0.006	90	81915	50.0	50.0	
	2 N-Nitrosodimethylamine	74	1.645	1.651	-0.006	80	121550	50.0	48.1	
	3 Pyridine	79	1.663	1.671	-0.008	76	387299	100.0	89.6	
	7 Benzaldehyde	77	2.879	2.894	-0.015	90	41397	20.0	10.8	
	9 Phenol	94	2.929	2.947	-0.018	98	256585	50.0	47.1	
	10 Aniline	93	2.956	2.970	-0.014	15	316749	50.0	47.3	a
	11 Bis(2-chloroethyl)ether	93	3.006	3.023	-0.017	88	208158	50.0	47.1	
	12 2-Chlorophenol	128	3.041	3.056	-0.015	64	215813	50.0	47.9	
	13 n-Decane	43	3.091	3.106	-0.015	90	295585	50.0	46.6	
	14 1,3-Dichlorobenzene	146	3.156	3.171	-0.015	94	236906	50.0	47.4	
*	15 1,4-Dichlorobenzene-d4	152	3.198	3.212	-0.014	97	131858	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.210	3.224	-0.014	89	241395	50.0	47.4	
	17 Benzyl alcohol	108	3.301	3.316	-0.015	90	142986	50.0	48.2	
	18 1,2-Dichlorobenzene	146	3.322	3.336	-0.014	90	228149	50.0	47.2	
	19 2-Methylphenol	108	3.384	3.398	-0.014	86	189837	50.0	47.4	
	20 2,2'-oxybis[1-chloropropane]	45	3.413	3.428	-0.015	55	378569	50.0	47.6	
	130 N-Methylaniline	106	3.496	3.511	-0.014	89	333157	50.0	46.9	a
	21 Acetophenone	105	3.505	3.519	-0.014	87	308259	50.0	47.4	
	22 4-Methylphenol	108	3.508	3.522	-0.014	75	218022	50.0	47.6	
	23 3 & 4 Methylphenol	108	3.508	3.522	-0.014	77	218022	50.0	47.6	
	24 N-Nitrosodi-n-propylamine	70	3.511	3.528	-0.017	88	138614	50.0	48.8	
	25 Hexachloroethane	117	3.579	3.593	-0.014	94	93511	50.0	47.0	
	27 Nitrobenzene	123	3.629	3.643	-0.014	88	103304	50.0	48.8	
	28 n,n'-Dimethylaniline	120	3.635	3.649	-0.014	92	350493	50.0	49.3	
	29 Isophorone	82	3.818	3.835	-0.017	98	410681	50.0	47.9	
	30 2-Nitrophenol	139	3.871	3.885	-0.014	85	108002	50.0	47.6	
	31 2,4-Dimethylphenol	122	3.918	3.930	-0.012	90	185026	50.0	47.9	
	32 Bis(2-chloroethoxy)methane	93	3.995	4.009	-0.014	93	258791	50.0	47.5	
	33 Benzoic acid	122	4.019	4.033	-0.014	89	134287	50.0	53.4	
	34 2,4-Dichlorophenol	162	4.057	4.071	-0.014	93	178446	50.0	48.9	
	35 1,2,4-Trichlorobenzene	180	4.122	4.136	-0.014	93	195402	50.0	49.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	4.163	4.178	-0.015	99	505368	40.0	40.0	
37 Naphthalene	128	4.181	4.195	-0.014	99	629786	50.0	48.0	
38 4-Chloroaniline	127	4.228	4.243	-0.015	91	262414	50.0	47.3	
39 Hexachlorobutadiene	225	4.287	4.299	-0.012	94	113718	50.0	47.9	
40 Caprolactam	113	4.500	4.558	-0.058	83	24047	20.0	17.3	M
41 4-Chloro-3-methylphenol	107	4.612	4.623	-0.011	95	181790	50.0	47.9	
42 2-Methylnaphthalene	142	4.713	4.726	-0.013	83	426067	50.0	47.5	
43 1-Methylnaphthalene	142	4.786	4.800	-0.014	89	395241	50.0	48.2	
44 Hexachlorocyclopentadiene	237	4.840	4.853	-0.013	81	133652	50.0	49.4	
45 1,2,4,5-Tetrachlorobenzene	216	4.842	4.856	-0.014	94	197478	50.0	49.9	
46 2-tertbutyl-4-methylphenol	149	4.890	4.903	-0.013	88	273499	50.0	49.9	
47 2,4,6-Trichlorophenol	196	4.931	4.945	-0.014	87	134895	50.0	51.7	
48 2,4,5-Trichlorophenol	196	4.955	4.968	-0.013	95	143173	50.0	51.0	
51 1,1'-Biphenyl	154	5.076	5.089	-0.013	96	517634	50.0	50.7	
52 2-Chloronaphthalene	162	5.082	5.095	-0.013	95	394361	50.0	50.4	
53 Phenyl ether	170	5.158	5.172	-0.014	88	284185	50.0	50.7	
54 2-Nitroaniline	65	5.164	5.178	-0.014	85	165084	50.0	50.5	
55 1,3-Dimethylnaphthalene	156	5.253	5.267	-0.013	90	341639	50.0	53.2	
57 Coumarin	146	5.318	5.331	-0.013	80	159871	50.0	49.1	
56 Dimethyl phthalate	163	5.324	5.337	-0.013	94	454347	50.0	50.4	
58 2,6-Dinitrotoluene	165	5.359	5.373	-0.014	76	100074	50.0	51.9	
59 Acenaphthylene	152	5.392	5.405	-0.013	96	613304	50.0	47.9	
60 3-Nitroaniline	138	5.477	5.491	-0.014	90	114138	50.0	51.4	
* 61 Acenaphthene-d10	164	5.501	5.514	-0.013	85	268423	40.0	40.0	
62 Acenaphthene	154	5.525	5.538	-0.013	94	366317	50.0	50.7	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.542	5.559	-0.017	89	350684	50.0	50.9	
64 2,4-Dinitrophenol	184	5.557	5.570	-0.013	74	121874	100.0	99.2	
65 4-Nitrophenol	65	5.613	5.629	-0.016	96	199396	100.0	102.8	
66 Dibenzofuran	168	5.658	5.671	-0.013	91	561564	50.0	50.8	
67 2,4-Dinitrotoluene	165	5.655	5.671	-0.016	68	138865	50.0	54.5	
68 2,3,4,6-Tetrachlorophenol	232	5.749	5.762	-0.013	91	117866	50.0	50.9	
69 Diethyl phthalate	149	5.862	5.877	-0.015	97	470812	50.0	50.6	
70 Fluorene	166	5.912	5.928	-0.016	71	451035	50.0	50.6	
71 4-Chlorophenyl phenyl ether	204	5.924	5.939	-0.015	84	208133	50.0	50.2	
72 4-Nitroaniline	138	5.941	5.954	-0.013	66	109417	50.0	50.0	
73 4,6-Dinitro-2-methylphenol	198	5.962	5.975	-0.013	60	151431	100.0	108.0	
74 N-Nitrosodiphenylamine	169	6.015	6.028	-0.013	27	325838	50.0	50.1	
75 1,2-Diphenylhydrazine	77	6.042	6.057	-0.015	13	471221	50.0	50.5	
77 4-Bromophenyl phenyl ether	248	6.287	6.303	-0.016	86	131320	50.0	49.2	
78 Hexachlorobenzene	284	6.319	6.335	-0.016	89	162192	50.0	49.6	
79 Atrazine	200	6.426	6.438	-0.012	87	54390	20.0	21.5	
80 Pentachlorophenol	266	6.470	6.486	-0.016	86	204333	100.0	103.8	
81 Pentachloronitrobenzene	237	6.482	6.495	-0.012	88	65053	50.0	51.3	
82 n-Octadecane	57	6.579	6.592	-0.013	88	457191	50.0	50.9	
* 83 Phenanthrene-d10	188	6.609	6.624	-0.015	96	497638	40.0	40.0	
84 Phenanthrene	178	6.627	6.642	-0.015	95	662167	50.0	49.9	
85 Anthracene	178	6.665	6.681	-0.016	97	681302	50.0	50.0	
87 Carbazole	167	6.789	6.805	-0.016	83	624509	50.0	49.8	
88 Di-n-butyl phthalate	149	7.082	7.097	-0.015	100	801747	50.0	51.1	
89 Fluoranthene	202	7.510	7.525	-0.015	98	733684	50.0	51.4	
90 Benzidine	184	7.622	7.637	-0.015	99	404347	50.0	49.2	
91 Pyrene	202	7.675	7.691	-0.016	97	750488	50.0	51.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
92 Bisphenol-A	213	7.734	7.750	-0.016	98	343890	50.0	52.5	
95 Butyl benzyl phthalate	149	8.198	8.214	-0.016	98	347014	50.0	52.6	
97 Carbamazepine	193	8.260	8.276	-0.016	91	322157	50.0	54.4	
99 3,3'-Dichlorobenzidine	252	8.594	8.612	-0.018	98	289818	50.0	55.3	
100 Benzo[a]anthracene	228	8.603	8.621	-0.018	99	688488	50.0	49.7	
* 98 Chrysene-d12	240	8.611	8.630	-0.019	99	469493	40.0	40.0	
101 Chrysene	228	8.632	8.654	-0.022	94	707392	50.0	50.3	
102 Bis(2-ethylhexyl) phthalate	149	8.682	8.701	-0.019	88	518059	50.0	52.1	
103 Di-n-octyl phthalate	149	9.282	9.307	-0.025	97	884978	50.0	53.9	
104 Benzo[b]fluoranthene	252	9.574	9.602	-0.028	97	693204	50.0	56.0	
105 Benzo[k]fluoranthene	252	9.604	9.632	-0.028	95	766990	50.0	53.6	
106 Benzo[a]pyrene	252	9.890	9.919	-0.029	96	699665	50.0	57.1	
* 107 Perylene-d12	264	9.947	9.975	-0.028	98	492989	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.019	11.056	-0.037	96	625581	50.0	53.2	M
109 Dibenz(a,h)anthracene	278	11.048	11.089	-0.041	94	684750	50.0	58.5	
110 Benzo[g,h,i]perylene	276	11.279	11.319	-0.040	93	700516	50.0	51.4	
131 2,6-Dichlorophenol	162	4.231	4.245	-0.014	76	176865	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00006 Amount Added: 1.00 Units: mL

Report Date: 12-Oct-2021 13:40:14 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455725.D

Injection Date: 12-Oct-2021 12:59:26 Instrument ID: CBNAMS15 Operator ID:

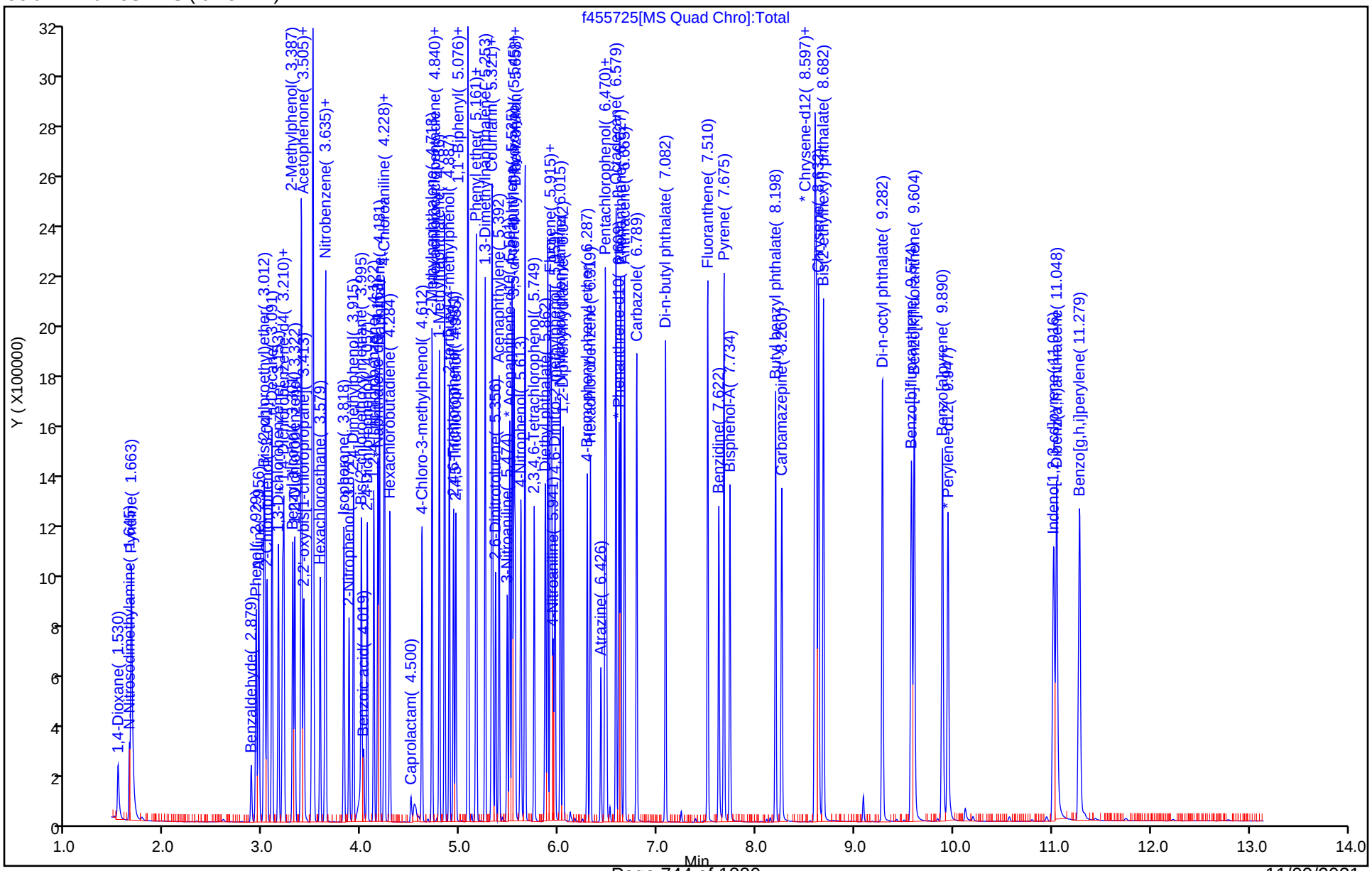
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810823/2 Calibration Date: 11/02/2021 09:37

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f456458.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4971	0.5140		51700	50000	3.4	20.0
N-Nitrosodimethylamine	Ave	0.7671	0.7542		49200	50000	-1.7	20.0
Pyridine	Ave	1.312	1.309		99800	100000	-0.2	20.0
Benzaldehyde	Ave	1.158	0.6425	0.0100	11100	20000	-44.5*	20.0
Phenol	Ave	1.652	1.775	0.8000	53700	50000	7.5	20.0
Aniline	Ave	2.030	2.054		50600	50000	1.2	20.0
Bis(2-chloroethyl)ether	Ave	1.340	1.307	0.7000	48800	50000	-2.4	20.0
2-Chlorophenol	Ave	1.368	1.384	0.8000	50600	50000	1.1	20.0
n-Decane	Ave	1.926	1.917		49800	50000	-0.5	20.0
1,3-Dichlorobenzene	Ave	1.515	1.538		50800	50000	1.5	20.0
1,4-Dichlorobenzene	Ave	1.546	1.553		50200	50000	0.5	20.0
Benzyl alcohol	Ave	0.8995	0.8955		49800	50000	-0.5	20.0
1,2-Dichlorobenzene	Ave	1.466	1.460		49800	50000	-0.4	20.0
2-Methylphenol	Ave	1.215	1.215	0.7000	50000	50000	0.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.412	2.504	0.0100	51900	50000	3.8	20.0
N-Methylaniline	Ave	2.156	2.073		48100	50000	-3.8	20.0
Acetophenone	Ave	1.972	1.979	0.0100	50200	50000	0.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.8620	0.8807	0.5000	51100	50000	2.2	20.0
3 & 4 Methylphenol	Ave	1.389	1.403		50500	50000	1.0	20.0
4-Methylphenol	Ave	1.389	1.403	0.6000	50500	50000	1.0	20.0
Hexachloroethane	Ave	0.6032	0.6023	0.3000	49900	50000	-0.1	20.0
Nitrobenzene	Ave	0.6422	0.6745	0.2000	52500	50000	5.0	20.0
n,n'-Dimethylaniline	Ave	2.156	2.114		49000	50000	-1.9	20.0
Isophorone	Ave	0.6789	0.6902	0.4000	50800	50000	1.7	20.0
2-Nitrophenol	Ave	0.1794	0.1918	0.1000	53400	50000	6.9	20.0
2,4-Dimethylphenol	Ave	0.3056	0.3093	0.2000	50600	50000	1.2	20.0
Bis(2-chloroethoxy)methane	Ave	0.4309	0.4243	0.3000	49200	50000	-1.5	20.0
Benzoic acid	Ave	0.1990	0.1786		44900	50000	-10.2	20.0
2,4-Dichlorophenol	Ave	0.2888	0.2981	0.2000	51600	50000	3.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3126	0.3246		51900	50000	3.8	20.0
Naphthalene	Ave	1.039	1.051	0.7000	50600	50000	1.1	20.0
4-Chloroaniline	Ave	0.4389	0.4349	0.0100	49500	50000	-0.9	20.0
Hexachlorobutadiene	Ave	0.1878	0.1916	0.0100	51000	50000	2.0	20.0
Caprolactam	Qua		0.0903	0.0100	16600	20000	-16.9	20.0
4-Chloro-3-methylphenol	Ave	0.3006	0.3042	0.2000	50600	50000	1.2	20.0
2-Methylnaphthalene	Ave	0.7107	0.7090	0.4000	49900	50000	-0.2	20.0
1-Methylnaphthalene	Ave	0.6490	0.6609		50900	50000	1.8	20.0
Hexachlorocyclopentadiene	Ave	0.4035	0.3587	0.0500	44500	50000	-11.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5896	0.6306	0.0100	53500	50000	7.0	20.0
2-tertbutyl-4-methylphenol	Ave	0.4338	0.4425		51000	50000	2.0	20.0
2,4,6-Trichlorophenol	Ave	0.3888	0.4166	0.2000	53600	50000	7.1	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810823/2 Calibration Date: 11/02/2021 09:37

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f456458.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4180	0.4641	0.2000	55500	50000	11.0	20.0
1,1'-Biphenyl	Ave	1.521	1.636	0.0100	53800	50000	7.6	20.0
2-Chloronaphthalene	Ave	1.166	1.243	0.8000	53300	50000	6.6	20.0
Phenyl ether	Ave	0.8346	0.8664		51900	50000	3.8	20.0
2-Nitroaniline	Ave	0.4872	0.5342	0.0100	54800	50000	9.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9561	1.032		54000	50000	7.9	20.0
Coumarin	Ave	0.2580	0.2601		50400	50000	0.8	20.0
Dimethyl phthalate	Ave	1.344	1.438	0.0100	53500	50000	7.0	20.0
2,6-Dinitrotoluene	Ave	0.2871	0.3315	0.2000	57700	50000	15.4	20.0
Acenaphthylene	Ave	1.906	1.979	0.9000	51900	50000	3.8	20.0
3-Nitroaniline	Ave	0.3306	0.3631	0.0100	54900	50000	9.8	20.0
Acenaphthene	Ave	1.077	1.169	0.9000	54300	50000	8.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.026	1.080		52600	50000	5.3	20.0
2,4-Dinitrophenol	Lin2		0.2070	0.0100	113000	100000	12.8	20.0
4-Nitrophenol	Ave	0.2890	0.2920	0.0100	101000	100000	1.1	20.0
Dibenzofuran	Ave	1.648	1.788	0.8000	54300	50000	8.5	20.0
2,4-Dinitrotoluene	Ave	0.3796	0.4531	0.2000	59700	50000	19.3	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3454	0.3849	0.0100	55700	50000	11.5	20.0
Diethyl phthalate	Ave	1.386	1.507	0.0100	54400	50000	8.7	20.0
Fluorene	Ave	1.329	1.421	0.9000	53500	50000	6.9	20.0
4-Chlorophenyl phenyl ether	Ave	0.6176	0.6638	0.4000	53700	50000	7.5	20.0
4-Nitroaniline	Ave	0.3263	0.3480	0.0100	53300	50000	6.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1127	0.1348	0.0100	120000	100000	19.6	20.0
N-Nitrosodiphenylamine	Ave	0.5226	0.5466	0.0100	52300	50000	4.6	20.0
1,2-Diphenylhydrazine	Ave	0.7507	0.7771		51800	50000	3.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2145	0.2225	0.1000	51900	50000	3.8	20.0
Hexachlorobenzene	Ave	0.2626	0.2738	0.1000	52100	50000	4.2	20.0
Atrazine	Ave	0.2034	0.2099	0.0100	20600	20000	3.2	20.0
Pentachlorophenol	Ave	0.1582	0.1714	0.0500	108000	100000	8.3	20.0
Pentachloronitrobenzene	Ave	0.1019	0.1072	0.0100	52600	50000	5.3	20.0
n-Octadecane	Ave	0.7216	0.7725		53500	50000	7.1	20.0
Phenanthrene	Ave	1.067	1.108	0.7000	51900	50000	3.8	20.0
Anthracene	Ave	1.095	1.149	0.7000	52500	50000	4.9	20.0
Carbazole	Ave	1.008	1.039	0.0100	51500	50000	3.1	20.0
Di-n-butyl phthalate	Ave	1.260	1.345	0.0100	53400	50000	6.8	20.0
Fluoranthene	Ave	1.148	1.244	0.6000	54200	50000	8.4	20.0
Benzidine	Ave	0.6605	0.6310		47800	50000	-4.5	20.0
Pyrene	Ave	1.248	1.298	0.6000	52000	50000	4.0	20.0
Bisphenol-A	Ave	0.5578	0.6120		54900	50000	9.7	20.0
Butyl benzyl phthalate	Ave	0.5618	0.6215	0.0100	55300	50000	10.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810823/2 Calibration Date: 11/02/2021 09:37

Instrument ID: CBNAMS15 Calib Start Date: 10/12/2021 10:24

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/12/2021 12:42

Lab File ID: f456458.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2102	0.2211		526	500	5.2	20.0
Carbamazepine	Ave	0.5041	0.5718		56700	50000	13.4	20.0
3,3'-Dichlorobenzidine	Ave	0.4469	0.4987	0.0100	55800	50000	11.6	20.0
Benzo[a]anthracene	Ave	1.180	1.222	0.8000	51700	50000	3.5	20.0
Chrysene	Ave	1.199	1.242	0.7000	51800	50000	3.6	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8469	0.9336	0.0100	55100	50000	10.2	20.0
Di-n-octyl phthalate	Ave	1.332	1.543	0.0100	57900	50000	15.8	20.0
Benzo[b]fluoranthene	Ave	1.004	1.220		60800	50000	21.5*	20.0
Benzo[k]fluoranthene	Ave	1.161	1.275	0.7000	54900	50000	9.8	20.0
Benzo[a]pyrene	Ave	0.9944	1.193	0.7000	60000	50000	20.0	20.0
Indeno[1,2,3-cd]pyrene	Qua2		1.135	0.5000	58600	50000	17.1	20.0
Dibenz(a,h)anthracene	Ave	0.9496	1.165	0.4000	61300	50000	22.7*	20.0
Benzo[g,h,i]perylene	Ave	1.106	1.186	0.5000	53600	50000	7.2	20.0
2-Fluorophenol	Ave	1.360	1.242		45600	50000	-8.7	20.0
Phenol-d5	Ave	1.696	1.588		46800	50000	-6.4	20.0
Nitrobenzene-d5	Ave	0.4095	0.3793		46300	50000	-7.4	20.0
2-Fluorobiphenyl	Ave	1.492	1.446		48500	50000	-3.1	20.0
2,4,6-Tribromophenol	Ave	0.2794	0.2961		53000	50000	6.0	20.0
Terphenyl-d14	Ave	1.043	0.998		47800	50000	-4.3	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456458.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Nov-2021 09:37:17 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136981-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub17

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 03-Nov-2021 12:53:54 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1633

First Level Reviewer: nimerd Date: 02-Nov-2021 10:05:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.548	1.548	0.000	89	83513	50.0	51.7	
2 N-Nitrosodimethylamine	74	1.666	1.666	0.000	81	122554	50.0	49.2	
3 Pyridine	79	1.686	1.686	0.000	76	425412	100.0	99.8	
$ 5 2-Fluorophenol	112	2.318	2.318	0.000	90	201755	50.0	45.6	
7 Benzaldehyde	77	2.893	2.893	0.000	88	41759	20.0	11.1	
$ 8 Phenol-d5	99	2.941	2.941	0.000	98	258097	50.0	46.8	
9 Phenol	94	2.953	2.953	0.000	98	288410	50.0	53.7	
10 Aniline	93	2.970	2.970	0.000	98	333775	50.0	50.6	
11 Bis(2-chloroethyl)ether	93	3.020	3.020	0.000	88	212406	50.0	48.8	
12 2-Chlorophenol	128	3.056	3.056	0.000	66	224861	50.0	50.6	
13 n-Decane	43	3.097	3.097	0.000	90	311476	50.0	49.8	
14 1,3-Dichlorobenzene	146	3.168	3.168	0.000	95	249839	50.0	50.8	
* 15 1,4-Dichlorobenzene-d4	152	3.209	3.209	0.000	95	129992	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.221	3.221	0.000	93	252394	50.0	50.2	
17 Benzyl alcohol	108	3.316	3.316	0.000	91	145505	50.0	49.8	
18 1,2-Dichlorobenzene	146	3.333	3.333	0.000	95	237226	50.0	49.8	
19 2-Methylphenol	108	3.401	3.401	0.000	71	197450	50.0	50.0	
130 N-Methylaniline	106	3.507	3.507	0.000	91	336921	50.0	48.1	a
20 2,2'-oxybis[1-chloropropane]	45	3.422	3.422	0.000	93	406918	50.0	51.9	
21 Acetophenone	105	3.516	3.516	0.000	91	321611	50.0	50.2	
24 N-Nitrosodi-n-propylamine	70	3.522	3.522	0.000	84	143106	50.0	51.1	
22 4-Methylphenol	108	3.525	3.525	0.000	89	228027	50.0	50.5	
23 3 & 4 Methylphenol	108	3.525	3.525	0.000	76	228027	50.0	50.5	
25 Hexachloroethane	117	3.587	3.587	0.000	94	97873	50.0	49.9	
$ 26 Nitrobenzene-d5	82	3.628	3.628	0.000	93	238795	50.0	46.3	
27 Nitrobenzene	123	3.643	3.643	0.000	87	109602	50.0	52.5	
28 n,n'-Dimethylaniline	120	3.646	3.646	0.000	87	343542	50.0	49.0	
29 Isophorone	82	3.829	3.829	0.000	98	434468	50.0	50.8	
30 2-Nitrophenol	139	3.882	3.882	0.000	86	120731	50.0	53.4	
31 2,4-Dimethylphenol	122	3.929	3.929	0.000	90	194738	50.0	50.6	
32 Bis(2-chloroethoxy)methane	93	4.006	4.006	0.000	94	267122	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.039	4.039	0.000	86	112421	50.0	44.9	
34 2,4-Dichlorophenol	162	4.071	4.071	0.000	93	187683	50.0	51.6	
35 1,2,4-Trichlorobenzene	180	4.133	4.133	0.000	94	204371	50.0	51.9	
* 36 Naphthalene-d8	136	4.174	4.174	0.000	99	503619	40.0	40.0	
37 Naphthalene	128	4.189	4.189	0.000	99	661807	50.0	50.6	
38 4-Chloroaniline	127	4.239	4.239	0.000	90	273767	50.0	49.5	
39 Hexachlorobutadiene	225	4.293	4.293	0.000	96	120610	50.0	51.0	
40 Caprolactam	113	4.523	4.523	0.000	84	22737	20.0	16.6	
41 4-Chloro-3-methylphenol	107	4.629	4.629	0.000	94	191501	50.0	50.6	
42 2-Methylnaphthalene	142	4.724	4.724	0.000	81	446346	50.0	49.9	
43 1-Methylnaphthalene	142	4.797	4.797	0.000	91	416059	50.0	50.9	
44 Hexachlorocyclopentadiene	237	4.848	4.848	0.000	84	119206	50.0	44.5	
45 1,2,4,5-Tetrachlorobenzene	216	4.851	4.851	0.000	96	209556	50.0	53.5	
46 2-tertbutyl-4-methylphenol	149	4.901	4.901	0.000	89	278554	50.0	51.0	
47 2,4,6-Trichlorophenol	196	4.945	4.945	0.000	89	138432	50.0	53.6	
48 2,4,5-Trichlorophenol	196	4.972	4.972	0.000	89	154218	50.0	55.5	
$ 50 2-Fluorobiphenyl	172	5.013	5.013	0.000	97	480544	50.0	48.5	
51 1,1'-Biphenyl	154	5.084	5.084	0.000	96	543626	50.0	53.8	
52 2-Chloronaphthalene	162	5.093	5.093	0.000	96	413094	50.0	53.3	
53 Phenyl ether	170	5.167	5.167	0.000	88	287897	50.0	51.9	
54 2-Nitroaniline	65	5.179	5.179	0.000	94	177516	50.0	54.8	
55 1,3-Dimethylnaphthalene	156	5.261	5.261	0.000	89	342840	50.0	54.0	
57 Coumarin	146	5.332	5.332	0.000	72	163748	50.0	50.4	
56 Dimethyl phthalate	163	5.335	5.335	0.000	96	477889	50.0	53.5	
58 2,6-Dinitrotoluene	165	5.373	5.373	0.000	66	110141	50.0	57.7	
59 Acenaphthylene	152	5.403	5.403	0.000	83	657487	50.0	51.9	
60 3-Nitroaniline	138	5.492	5.492	0.000	91	120658	50.0	54.9	
* 61 Acenaphthene-d10	164	5.512	5.512	0.000	95	265830	40.0	40.0	
62 Acenaphthene	154	5.536	5.536	0.000	94	388409	50.0	54.3	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.551	5.551	0.000	94	358845	50.0	52.6	
64 2,4-Dinitrophenol	184	5.577	5.577	0.000	74	137573	100.0	112.8	
65 4-Nitrophenol	65	5.639	5.639	0.000	95	194089	100.0	101.1	
66 Dibenzofuran	168	5.669	5.669	0.000	90	594254	50.0	54.3	
67 2,4-Dinitrotoluene	165	5.672	5.672	0.000	47	150550	50.0	59.7	
68 2,3,4,6-Tetrachlorophenol	232	5.763	5.763	0.000	92	127902	50.0	55.7	
69 Diethyl phthalate	149	5.870	5.870	0.000	98	500631	50.0	54.4	
70 Fluorene	166	5.926	5.926	0.000	80	472295	50.0	53.5	
71 4-Chlorophenyl phenyl ether	204	5.935	5.935	0.000	85	220581	50.0	53.7	
72 4-Nitroaniline	138	5.958	5.958	0.000	53	115629	50.0	53.3	
73 4,6-Dinitro-2-methylphenol	198	5.982	5.982	0.000	75	172073	100.0	119.6	
74 N-Nitrosodiphenylamine	169	6.029	6.029	0.000	22	348870	50.0	52.3	
75 1,2-Diphenylhydrazine	77	6.053	6.053	0.000	26	495968	50.0	51.8	
$ 76 2,4,6-Tribromophenol	330	6.106	6.106	0.000	94	98385	50.0	53.0	
77 4-Bromophenyl phenyl ether	248	6.298	6.298	0.000	87	142031	50.0	51.9	
78 Hexachlorobenzene	284	6.333	6.333	0.000	89	174738	50.0	52.1	
79 Atrazine	200	6.440	6.440	0.000	88	53580	20.0	20.6	
80 Pentachlorophenol	266	6.487	6.487	0.000	87	218778	100.0	108.3	
81 Pentachloronitrobenzene	237	6.496	6.496	0.000	83	68436	50.0	52.6	
82 n-Octadecane	57	6.584	6.584	0.000	87	493063	50.0	53.5	
* 83 Phenanthrene-d10	188	6.623	6.623	0.000	98	510600	40.0	40.0	
84 Phenanthrene	178	6.640	6.640	0.000	98	707185	50.0	51.9	
85 Anthracene	178	6.679	6.679	0.000	97	733407	50.0	52.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.806	6.806	0.000	83	662988	50.0	51.5	
88 Di-n-butyl phthalate	149	7.089	7.089	0.000	100	858544	50.0	53.4	
89 Fluoranthene	202	7.526	7.526	0.000	98	793968	50.0	54.2	
90 Benzidine	184	7.638	7.638	0.000	99	402743	50.0	47.8	
91 Pyrene	202	7.691	7.691	0.000	97	795538	50.0	52.0	
92 Bisphenol-A	213	7.753	7.753	0.000	98	375049	50.0	54.9	
$ 93 Terphenyl-d14	244	7.824	7.824	0.000	98	611377	50.0	47.8	
95 Butyl benzyl phthalate	149	8.208	8.208	0.000	97	380857	50.0	55.3	
96 2,3,7,8-TCDD	320	8.252	8.252	0.000	63	1355	0.5000	0.5260	
97 Carbamazepine	193	8.279	8.279	0.000	91	350423	50.0	56.7	
99 3,3'-Dichlorobenzidine	252	8.616	8.616	0.000	94	305619	50.0	55.8	
100 Benzo[a]anthracene	228	8.625	8.625	0.000	99	748617	50.0	51.7	
* 98 Chrysene-d12	240	8.634	8.634	0.000	99	490252	40.0	40.0	
101 Chrysene	228	8.657	8.657	0.000	95	761065	50.0	51.8	
102 Bis(2-ethylhexyl) phthalate	149	8.693	8.693	0.000	87	572124	50.0	55.1	
103 Di-n-octyl phthalate	149	9.296	9.296	0.000	97	986488	50.0	57.9	
104 Benzo[b]fluoranthene	252	9.609	9.609	0.000	98	780087	50.0	60.8	
105 Benzo[k]fluoranthene	252	9.638	9.638	0.000	99	815175	50.0	54.9	
106 Benzo[a]pyrene	252	9.928	9.928	0.000	96	763056	50.0	60.0	
* 107 Perylene-d12	264	9.984	9.984	0.000	98	511630	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.069	11.069	0.000	96	725792	50.0	58.6	M
109 Dibenz(a,h)anthracene	278	11.096	11.096	0.000	94	744988	50.0	61.3	
110 Benzo[g,h,i]perylene	276	11.335	11.335	0.000	97	758701	50.0	53.6	
131 2,6-Dichlorophenol	162	4.245	4.245	0.000	0	188160	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

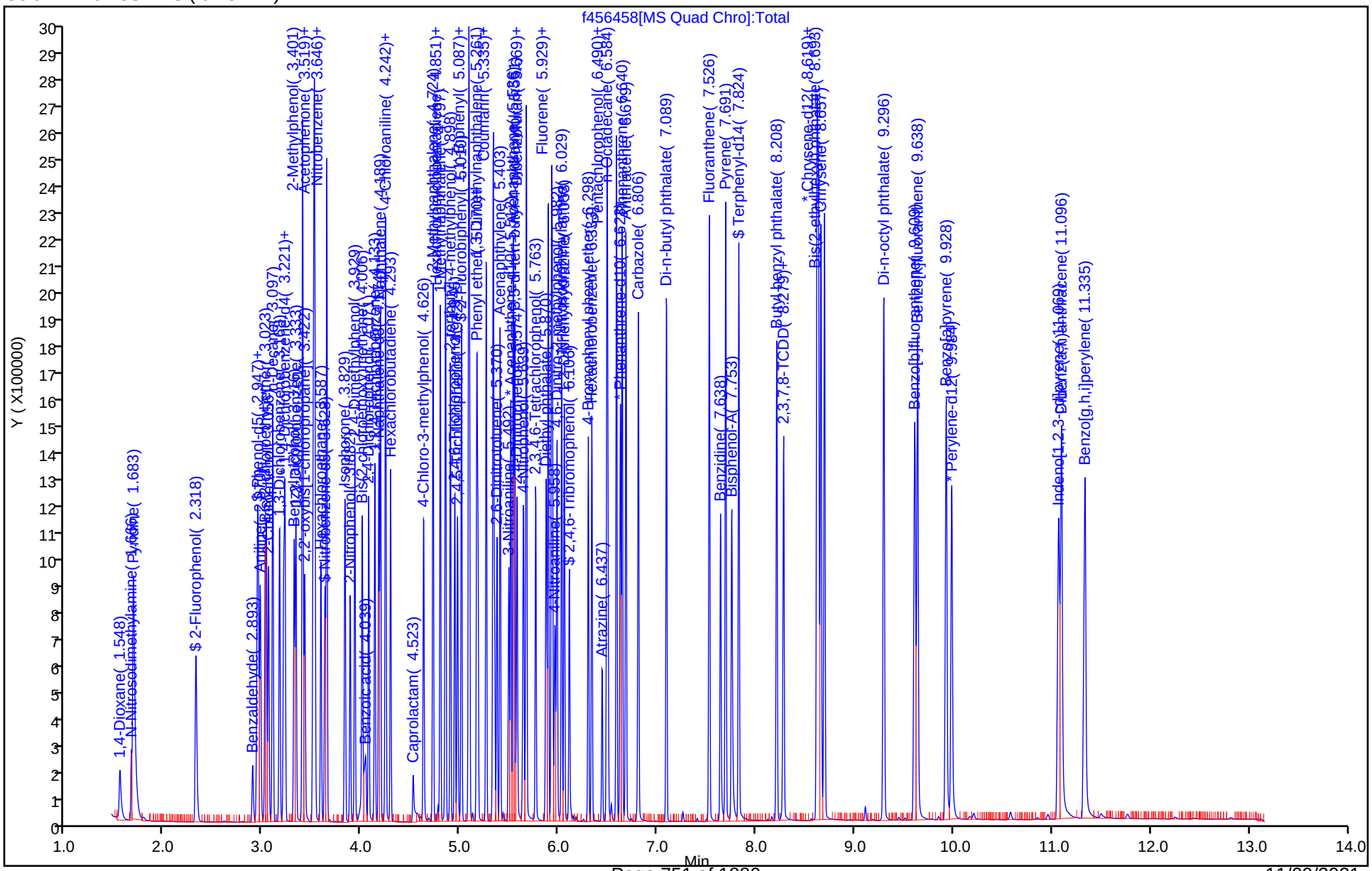
Report Date: 03-Nov-2021 12:53:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211102-136981.b\f456458.D

Injection Date:	02-Nov-2021 09:37:17	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-810116/11 Calibration Date: 10/29/2021 14:23

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37355.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4527	0.4246		46900	50000	-6.2	30.0
N-Nitrosodimethylamine	Ave	0.7917	0.7438		47000	50000	-6.0	30.0
Pyridine	Ave	1.215	1.083		89200	100000	-10.8	30.0
Benzaldehyde	Ave	1.222	0.6309	0.0100	10300	20000	-48.4*	30.0
Phenol	Ave	1.694	1.581	0.8000	46700	50000	-6.7	30.0
Aniline	Ave	2.010	1.888		47000	50000	-6.1	30.0
Bis(2-chloroethyl)ether	Ave	1.244	1.179	0.7000	47400	50000	-5.2	30.0
2-Chlorophenol	Ave	1.415	1.347	0.8000	47600	50000	-4.8	30.0
n-Decane	Ave	2.126	1.947		45800	50000	-8.4	30.0
1,3-Dichlorobenzene	Ave	1.492	1.416		47500	50000	-5.1	30.0
1,4-Dichlorobenzene	Ave	1.529	1.448		47300	50000	-5.3	30.0
Benzyl alcohol	Ave	0.8900	0.8441		47400	50000	-5.2	30.0
1,2-Dichlorobenzene	Ave	1.446	1.367		47300	50000	-5.5	30.0
2-Methylphenol	Ave	1.197	1.146	0.7000	47900	50000	-4.3	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.743	2.620	0.0100	47800	50000	-4.5	30.0
3 & 4 Methylphenol	Ave	1.345	1.263		46900	50000	-6.1	30.0
4-Methylphenol	Ave	1.345	1.263	0.6000	46900	50000	-6.1	30.0
N-Methylaniline	Ave	2.118	1.941		45800	50000	-8.3	30.0
Acetophenone	Ave	1.904	1.794	0.0100	47100	50000	-5.8	30.0
N-Nitrosodi-n-propylamine	Ave	1.002	0.9409	0.5000	47000	50000	-6.1	30.0
Hexachloroethane	Ave	0.5639	0.5476	0.3000	48600	50000	-2.9	30.0
n,n'-Dimethylaniline	Ave	2.093	2.058		49100	50000	-1.7	30.0
Nitrobenzene	Ave	0.6644	0.6356	0.2000	47800	50000	-4.3	30.0
Isophorone	Ave	0.6547	0.6148	0.4000	46900	50000	-6.1	30.0
2-Nitrophenol	Ave	0.1880	0.1845	0.1000	49100	50000	-1.9	30.0
2,4-Dimethylphenol	Ave	0.3116	0.2912	0.2000	46700	50000	-6.6	30.0
Bis(2-chloroethoxy)methane	Ave	0.3939	0.3690	0.3000	46800	50000	-6.3	30.0
Benzoic acid	Lin2		0.1954		50100	50000	0.1	30.0
2,4-Dichlorophenol	Ave	0.2894	0.2894	0.2000	50000	50000	0.0	30.0
1,2,4-Trichlorobenzene	Ave	0.3123	0.3172		50800	50000	1.6	30.0
Naphthalene	Ave	1.020	0.9693	0.7000	47500	50000	-5.0	30.0
4-Chloroaniline	Ave	0.4453	0.4213	0.0100	47300	50000	-5.4	30.0
Hexachlorobutadiene	Ave	0.2011	0.1960	0.0100	48700	50000	-2.5	30.0
Caprolactam	Qua1		0.0914	0.0100	21100	20000	5.4	30.0
4-Chloro-3-methylphenol	Ave	0.2877	0.2740	0.2000	47600	50000	-4.8	30.0
2-Methylnaphthalene	Ave	0.7036	0.6611	0.4000	47000	50000	-6.0	30.0
1-Methylnaphthalene	Ave	0.6448	0.6192		48000	50000	-4.0	30.0
Hexachlorocyclopentadiene	Ave	0.4982	0.4980	0.0500	50000	50000	-0.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6263	0.6463	0.0100	51600	50000	3.2	30.0
2-tertbutyl-4-methylphenol	Ave	0.4368	0.4311		49300	50000	-1.3	30.0
2,4,6-Trichlorophenol	Ave	0.3942	0.4254	0.2000	54000	50000	7.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-810116/11 Calibration Date: 10/29/2021 14:23

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37355.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4591	0.4698	0.2000	51200	50000	2.3	30.0
1,1'-Biphenyl	Ave	1.473	1.465	0.0100	49700	50000	-0.6	30.0
2-Chloronaphthalene	Ave	1.155	1.157	0.8000	50100	50000	0.2	30.0
Phenyl ether	Ave	0.8163	0.8176		50100	50000	0.2	30.0
2-Nitroaniline	Ave	0.4528	0.4512	0.0100	49800	50000	-0.4	30.0
1,3-Dimethylnaphthalene	Ave	0.9180	0.9697		52800	50000	5.6	30.0
Dimethyl phthalate	Ave	1.334	1.345	0.0100	50400	50000	0.8	30.0
Coumarin	Ave	0.2518	0.2510		49800	50000	-0.3	30.0
2,6-Dinitrotoluene	Ave	0.2920	0.2914	0.2000	49900	50000	-0.2	30.0
Acenaphthylene	Ave	1.879	1.769	0.9000	47100	50000	-5.9	30.0
3-Nitroaniline	Ave	0.3361	0.3448	0.0100	51300	50000	2.6	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.075	1.105		51400	50000	2.7	30.0
Acenaphthene	Ave	1.213	1.234	0.9000	50800	50000	1.7	30.0
2,4-Dinitrophenol	Lin2		0.1984	0.0100	101000	100000	0.6	30.0
4-Nitrophenol	Ave	0.2463	0.2624	0.0100	107000	100000	6.5	30.0
2,4-Dinitrotoluene	Ave	0.3945	0.4119	0.2000	52200	50000	4.4	30.0
Dibenzofuran	Ave	1.637	1.664	0.8000	50800	50000	1.7	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3725	0.3896	0.0100	52300	50000	4.6	30.0
Diethyl phthalate	Ave	1.355	1.381	0.0100	51000	50000	2.0	30.0
4-Chlorophenyl phenyl ether	Ave	0.6521	0.6656	0.4000	51000	50000	2.1	30.0
Fluorene	Ave	1.294	1.310	0.9000	50600	50000	1.2	30.0
4-Nitroaniline	Ave	0.3408	0.3469	0.0100	50900	50000	1.8	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1233	0.1349	0.0100	109000	100000	9.4	30.0
N-Nitrosodiphenylamine	Ave	0.5099	0.5091	0.0100	49900	50000	-0.2	30.0
1,2-Diphenylhydrazine	Ave	0.6507	0.6425		49400	50000	-1.3	30.0
4-Bromophenyl phenyl ether	Ave	0.2229	0.2260	0.1000	50700	50000	1.4	30.0
Hexachlorobenzene	Ave	0.2851	0.2915	0.1000	51100	50000	2.2	30.0
Atrazine	Ave	0.2033	0.2168	0.0100	21300	20000	6.7	30.0
Pentachlorophenol	Ave	0.1724	0.1828	0.0500	106000	100000	6.1	30.0
Pentachloronitrobenzene	Ave	0.1109	0.1171	0.0100	52800	50000	5.7	30.0
n-Octadecane	Ave	0.5794	0.5760		49700	50000	-0.6	30.0
Phenanthrene	Ave	1.035	1.034	0.7000	50000	50000	-0.0	30.0
Anthracene	Ave	1.061	1.059	0.7000	49900	50000	-0.2	30.0
Carbazole	Ave	0.9703	0.9621	0.0100	49600	50000	-0.8	30.0
Di-n-butyl phthalate	Ave	1.218	1.220	0.0100	50100	50000	0.2	30.0
Fluoranthene	Ave	1.162	1.193	0.6000	51300	50000	2.7	30.0
Benzidine	Ave	0.7072	0.6956		49200	50000	-1.6	30.0
Pyrene	Ave	1.235	1.257	0.6000	50900	50000	1.8	30.0
Bisphenol-A	Ave	0.5785	0.6021		52000	50000	4.1	30.0
Butyl benzyl phthalate	Ave	0.5265	0.5365	0.0100	51000	50000	1.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-810116/11 Calibration Date: 10/29/2021 14:23

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37355.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4928	0.5268		53400	50000	6.9	30.0
3,3'-Dichlorobenzidine	Ave	0.4699	0.5187	0.0100	55200	50000	10.4	30.0
Benzo[a]anthracene	Ave	1.247	1.207	0.8000	48400	50000	-3.2	30.0
Chrysene	Ave	1.176	1.187	0.7000	50500	50000	0.9	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7705	0.7867	0.0100	51000	50000	2.1	30.0
Di-n-octyl phthalate	Ave	1.216	1.245	0.0100	51200	50000	2.4	30.0
Benzo[b]fluoranthene	Ave	1.143	1.160		50700	50000	1.5	30.0
Benzo[k]fluoranthene	Ave	1.173	1.263	0.7000	53800	50000	7.7	30.0
Benzo[a]pyrene	Ave	1.087	1.150	0.7000	52900	50000	5.8	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.131	1.232	0.5000	54400	50000	8.9	30.0
Dibenz(a,h)anthracene	Ave	1.178	1.243	0.4000	52800	50000	5.6	30.0
Benzo[g,h,i]perylene	Ave	1.226	1.245	0.5000	50800	50000	1.5	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37355.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Oct-2021 14:23:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-011
Operator ID: Instrument ID: CBNAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:51:08 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 14:51:22

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.905	1.901	0.004	91	42194	50.0	46.9	
	2 N-Nitrosodimethylamine	74	2.134	2.126	0.009	74	73920	50.0	47.0	
	3 Pyridine	79	2.169	2.162	0.009	73	215271	100.0	89.2	
	5 Benzaldehyde	77	4.122	4.122	0.003	87	25078	20.0	10.3	
	7 Phenol	94	4.187	4.192	-0.002	97	157079	50.0	46.7	
	8 Aniline	93	4.222	4.222	0.003	15	187625	50.0	47.0	
	9 Bis(2-chloroethyl)ether	93	4.281	4.281	0.003	83	117175	50.0	47.4	
	11 2-Chlorophenol	128	4.340	4.340	0.004	89	133884	50.0	47.6	
	12 n-Decane	43	4.387	4.387	0.003	94	193491	50.0	45.8	
	13 1,3-Dichlorobenzene	146	4.493	4.487	0.009	95	140714	50.0	47.5	
*	14 1,4-Dichlorobenzene-d4	152	4.540	4.536	0.004	96	79503	40.0	40.0	
	15 1,4-Dichlorobenzene	146	4.557	4.557	0.003	93	143908	50.0	47.3	
	16 Benzyl alcohol	108	4.663	4.663	0.003	89	83884	50.0	47.4	
	17 1,2-Dichlorobenzene	146	4.704	4.704	0.003	90	135854	50.0	47.3	
	18 2-Methylphenol	108	4.763	4.769	-0.003	85	113863	50.0	47.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.793	4.793	0.004	89	260393	50.0	47.8	
	20 N-Methylaniline	106	4.910	4.910	0.003	66	192921	50.0	45.8	
	24 4-Methylphenol	108	4.910	4.916	-0.003	73	125511	50.0	46.9	
	22 N-Nitrosodi-n-propylamine	70	4.916	4.916	0.003	74	93510	50.0	47.0	
	21 Acetophenone	105	4.916	4.916	0.003	76	178247	50.0	47.1	
	23 3 & 4 Methylphenol	108	4.910	4.916	-0.003	71	125511	50.0	46.9	
	25 Hexachloroethane	117	5.022	5.022	0.003	93	54419	50.0	48.6	
	28 Nitrobenzene	123	5.081	5.080	0.003	82	63166	50.0	47.8	
	27 n,n'-Dimethylaniline	120	5.081	5.087	-0.003	83	204505	50.0	49.1	
	31 Isophorone	82	5.304	5.304	0.003	95	240784	50.0	46.9	
	32 2-Nitrophenol	139	5.381	5.381	0.003	87	72271	50.0	49.1	
	33 2,4-Dimethylphenol	122	5.416	5.416	0.003	67	114031	50.0	46.7	
	34 Bis(2-chloroethoxy)methane	93	5.504	5.504	0.003	92	144516	50.0	46.8	
	35 Benzoic acid	122	5.516	5.516	0.003	62	76515	50.0	50.1	
	36 2,4-Dichlorophenol	162	5.604	5.604	0.003	94	113362	50.0	50.0	
	37 1,2,4-Trichlorobenzene	180	5.693	5.692	0.004	92	124213	50.0	50.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.745	5.742	0.003	98	313318	40.0	40.0	
39 Naphthalene	128	5.763	5.763	0.003	99	379626	50.0	47.5	
40 4-Chloroaniline	127	5.810	5.810	0.003	83	164983	50.0	47.3	
130 2,6-Dichlorophenol	162	5.822	5.822	0.003	87	108896	50.0	48.5	
41 Hexachlorobutadiene	225	5.887	5.893	-0.002	95	76756	50.0	48.7	
42 Caprolactam	113	6.128	6.128	-0.002	83	14319	20.0	21.1	M
43 4-Chloro-3-methylphenol	107	6.269	6.269	0.003	94	107301	50.0	47.6	
44 2-Methylnaphthalene	142	6.416	6.416	0.003	83	258921	50.0	47.0	
45 1-Methylnaphthalene	142	6.510	6.511	0.003	82	242521	50.0	48.0	
46 Hexachlorocyclopentadiene	237	6.575	6.574	0.003	87	103724	50.0	50.0	
47 1,2,4,5-Tetrachlorobenzene	216	6.581	6.580	0.003	97	134602	50.0	51.6	
48 2-tertbutyl-4-methylphenol	149	6.604	6.605	0.003	76	168838	50.0	49.3	
49 2,4,6-Trichlorophenol	196	6.681	6.680	0.003	90	88601	50.0	54.0	
50 2,4,5-Trichlorophenol	196	6.716	6.716	0.003	90	97857	50.0	51.2	
52 1,1'-Biphenyl	154	6.857	6.857	0.003	96	305162	50.0	49.7	
53 2-Chloronaphthalene	162	6.875	6.875	0.003	96	240946	50.0	50.1	
54 Phenyl ether	170	6.957	6.957	0.003	84	170281	50.0	50.1	
56 2-Nitroaniline	65	6.969	6.969	0.003	94	93979	50.0	49.8	
57 1,3-Dimethylnaphthalene	156	7.081	7.081	0.004	88	201957	50.0	52.8	
58 Dimethyl phthalate	163	7.145	7.145	0.003	98	280229	50.0	50.4	
59 Coumarin	146	7.163	7.164	0.003	72	98323	50.0	49.8	
60 2,6-Dinitrotoluene	165	7.192	7.192	0.003	8	60698	50.0	49.9	
61 Acenaphthylene	152	7.263	7.263	0.003	96	368409	50.0	47.1	
64 3-Nitroaniline	138	7.351	7.351	0.003	91	71803	50.0	51.3	
* 65 Acenaphthene-d10	164	7.398	7.395	0.003	93	166620	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.422	7.422	0.003	92	230060	50.0	51.4	
67 Acenaphthene	154	7.428	7.428	0.003	94	256917	50.0	50.8	
68 2,4-Dinitrophenol	184	7.451	7.451	0.003	73	82633	100.0	100.6	a
69 4-Nitrophenol	65	7.510	7.510	0.003	90	109310	100.0	106.5	
70 2,4-Dinitrotoluene	165	7.575	7.575	0.003	93	85794	50.0	52.2	
71 Dibenzofuran	168	7.592	7.592	0.003	91	346626	50.0	50.8	
72 2,3,4,6-Tetrachlorophenol	232	7.704	7.704	0.003	93	81136	50.0	52.3	
73 Diethyl phthalate	149	7.810	7.810	0.003	98	287679	50.0	51.0	
74 4-Chlorophenyl phenyl ether	204	7.910	7.910	0.003	74	138636	50.0	51.0	
75 Fluorene	166	7.910	7.910	0.003	82	272902	50.0	50.6	
76 4-Nitroaniline	138	7.934	7.934	0.004	92	72249	50.0	50.9	
77 4,6-Dinitro-2-methylphenol	198	7.957	7.957	0.003	65	107053	100.0	109.4	
78 N-Nitrosodiphenylamine	169	8.022	8.021	0.003	97	202030	50.0	49.9	
79 1,2-Diphenylhydrazine	77	8.057	8.063	-0.003	90	254984	50.0	49.4	
81 4-Bromophenyl phenyl ether	248	8.369	8.369	0.003	92	89675	50.0	50.7	
83 Hexachlorobenzene	284	8.439	8.439	0.003	94	115663	50.0	51.1	
84 Atrazine	200	8.522	8.522	0.003	88	34417	20.0	21.3	
85 Pentachlorophenol	266	8.616	8.616	0.003	90	145083	100.0	106.1	
86 Pentachloronitrobenzene	237	8.634	8.633	0.004	89	46485	50.0	52.8	
87 n-Octadecane	57	8.698	8.698	0.003	90	228600	50.0	49.7	
* 88 Phenanthrene-d10	188	8.792	8.789	0.003	98	317480	40.0	40.0	
89 Phenanthrene	178	8.816	8.816	0.003	97	410408	50.0	50.0	
90 Anthracene	178	8.863	8.863	0.003	97	420182	50.0	49.9	
91 Carbazole	167	9.010	9.010	0.003	83	381792	50.0	49.6	
92 Di-n-butyl phthalate	149	9.339	9.345	-0.003	100	484259	50.0	50.1	
93 Fluoranthene	202	9.933	9.934	0.003	98	473639	50.0	51.3	
94 Benzidine	184	10.057	10.051	0.003	99	276064	50.0	49.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
95 Pyrene	202	10.151	10.140	0.009	98	481702	50.0	50.9	
82 Bisphenol-A	213	10.192	10.187	0.003	86	230698	50.0	52.0	
97 Butyl benzyl phthalate	149	10.804	10.798	0.003	95	205572	50.0	51.0	
99 Carbamazepine	193	10.916	10.910	0.003	92	201844	50.0	53.4	
100 3,3'-Dichlorobenzidine	252	11.392	11.386	0.003	98	198734	50.0	55.2	
101 Benzo[a]anthracene	228	11.416	11.410	0.004	98	462553	50.0	48.4	
* 102 Chrysene-d12	240	11.427	11.430	-0.003	97	306517	40.0	40.0	
103 Chrysene	228	11.463	11.457	0.003	95	454700	50.0	50.5	
104 Bis(2-ethylhexyl) phthalate	149	11.469	11.463	0.004	85	301402	50.0	51.0	
105 Di-n-octyl phthalate	149	12.310	12.310	0.003	96	528682	50.0	51.2	
106 Benzo[b]fluoranthene	252	12.810	12.810	0.003	96	492697	50.0	50.7	
107 Benzo[k]fluoranthene	252	12.851	12.851	0.003	99	536652	50.0	53.8	
108 Benzo[a]pyrene	252	13.269	13.268	0.003	96	488361	50.0	52.9	
* 109 Perylene-d12	264	13.345	13.342	0.003	99	339840	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.945	14.945	0.003	99	523298	50.0	54.4	
111 Dibenz(a,h)anthracene	278	14.986	14.986	0.003	96	528151	50.0	52.8	
112 Benzo[g,h,i]perylene	276	15.404	15.404	0.004	92	528673	50.0	50.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

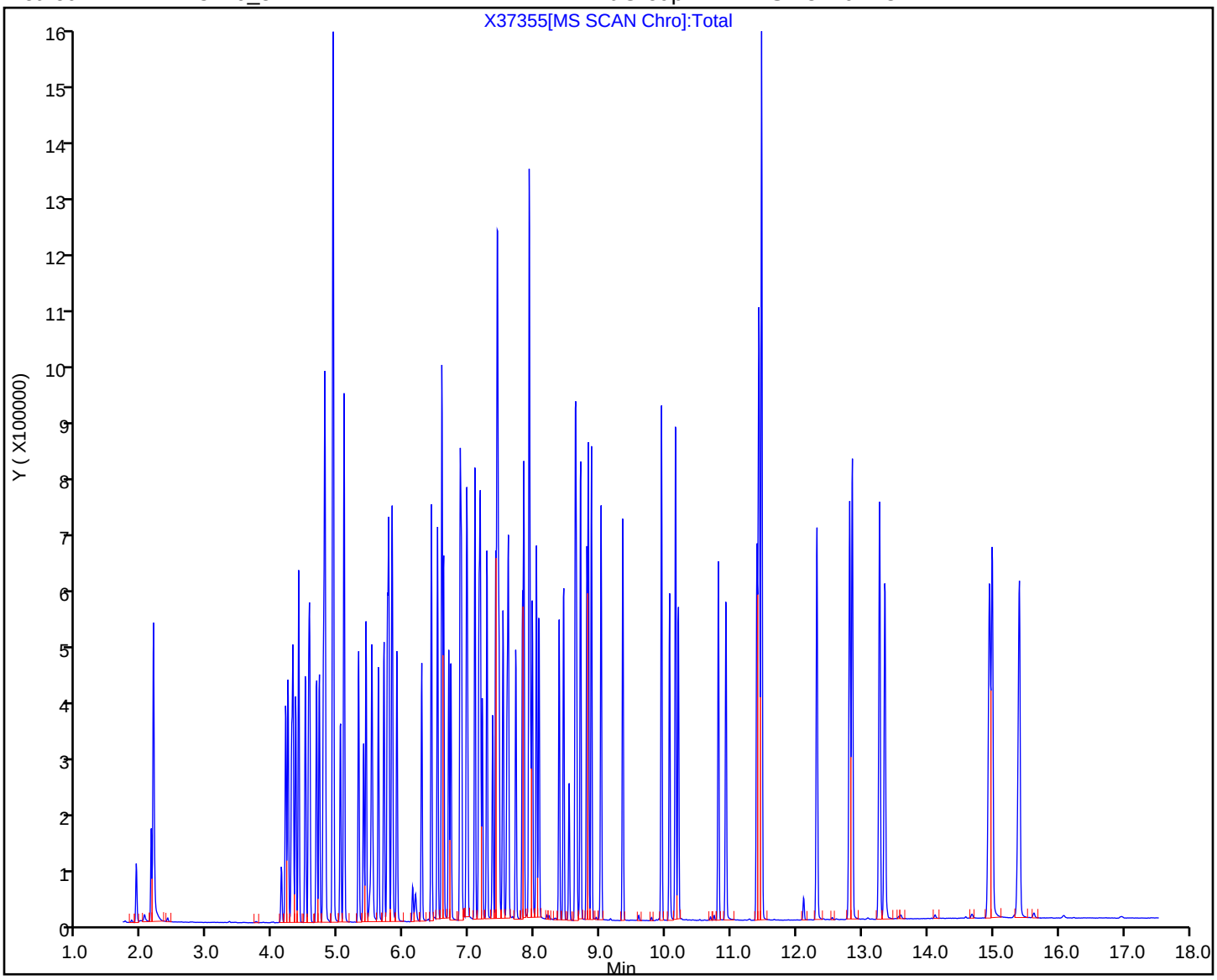
Reagents:

SV_BNA_ICV_00006 Amount Added: 1.00 Units: mL

Report Date: 29-Oct-2021 14:51:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37355.d				
Injection Date:	29-Oct-2021 14:23:30	Instrument ID:	CBNAMS5		
Lims ID:	ICV				
Client ID:					
Operator ID:		ALS Bottle#:	11	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810633/2 Calibration Date: 11/01/2021 10:03

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37454.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4527	0.4132		45600	50000	-8.7	20.0
N-Nitrosodimethylamine	Ave	0.7917	0.7007		44300	50000	-11.5	20.0
Pyridine	Ave	1.215	1.149		94600	100000	-5.4	20.0
Benzaldehyde	Ave	1.222	0.5945	0.0100	9730	20000	-51.4*	20.0
Phenol	Ave	1.694	1.678	0.8000	49500	50000	-0.9	20.0
Aniline	Ave	2.010	1.913		47600	50000	-4.8	20.0
Bis(2-chloroethyl)ether	Ave	1.244	1.160	0.7000	46600	50000	-6.7	20.0
2-Chlorophenol	Ave	1.415	1.410	0.8000	49800	50000	-0.4	20.0
n-Decane	Ave	2.126	1.709		40200	50000	-19.6	20.0
1,3-Dichlorobenzene	Ave	1.492	1.481		49600	50000	-0.7	20.0
1,4-Dichlorobenzene	Ave	1.529	1.525		49900	50000	-0.3	20.0
Benzyl alcohol	Ave	0.8900	0.8527		47900	50000	-4.2	20.0
1,2-Dichlorobenzene	Ave	1.446	1.447		50000	50000	0.0	20.0
2-Methylphenol	Ave	1.197	1.164	0.7000	48600	50000	-2.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	2.743	2.291	0.0100	41800	50000	-16.5	20.0
N-Methylaniline	Ave	2.118	1.963		46400	50000	-7.3	20.0
3 & 4 Methylphenol	Ave	1.345	1.314		48900	50000	-2.3	20.0
4-Methylphenol	Ave	1.345	1.314	0.6000	48900	50000	-2.3	20.0
N-Nitrosodi-n-propylamine	Ave	1.002	0.9014	0.5000	45000	50000	-10.0	20.0
Acetophenone	Ave	1.904	1.822	0.0100	47900	50000	-4.3	20.0
Hexachloroethane	Ave	0.5639	0.5481	0.3000	48600	50000	-2.8	20.0
Nitrobenzene	Ave	0.6644	0.6589	0.2000	49600	50000	-0.8	20.0
n,n'-Dimethylaniline	Ave	2.093	2.008		48000	50000	-4.1	20.0
Isophorone	Ave	0.6547	0.6117	0.4000	46700	50000	-6.6	20.0
2-Nitrophenol	Ave	0.1880	0.1952	0.1000	51900	50000	3.8	20.0
2,4-Dimethylphenol	Ave	0.3116	0.3070	0.2000	49300	50000	-1.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.3939	0.3667	0.3000	46600	50000	-6.9	20.0
Benzoic acid	Lin2		0.2008		51300	50000	2.7	20.0
2,4-Dichlorophenol	Ave	0.2894	0.3075	0.2000	53100	50000	6.3	20.0
1,2,4-Trichlorobenzene	Ave	0.3123	0.3413		54600	50000	9.3	20.0
Naphthalene	Ave	1.020	1.022	0.7000	50100	50000	0.1	20.0
4-Chloroaniline	Ave	0.4453	0.4402	0.0100	49400	50000	-1.1	20.0
Hexachlorobutadiene	Ave	0.2011	0.2171	0.0100	54000	50000	8.0	20.0
Caprolactam	Qua1		0.0907	0.0100	20900	20000	4.5	20.0
4-Chloro-3-methylphenol	Ave	0.2877	0.2804	0.2000	48700	50000	-2.5	20.0
2-Methylnaphthalene	Ave	0.7036	0.6945	0.4000	49400	50000	-1.3	20.0
1-Methylnaphthalene	Ave	0.6448	0.6489		50300	50000	0.6	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6263	0.6964	0.0100	55600	50000	11.2	20.0
Hexachlorocyclopentadiene	Ave	0.4982	0.5245	0.0500	52600	50000	5.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4368	0.4443		50900	50000	1.7	20.0
2,4,6-Trichlorophenol	Ave	0.3942	0.4522	0.2000	57400	50000	14.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810633/2 Calibration Date: 11/01/2021 10:03

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37454.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4591	0.5140	0.2000	56000	50000	12.0	20.0
1,1'-Biphenyl	Ave	1.473	1.548	0.0100	52500	50000	5.0	20.0
2-Chloronaphthalene	Ave	1.155	1.223	0.8000	52900	50000	5.9	20.0
Phenyl ether	Ave	0.8163	0.8520		52200	50000	4.4	20.0
2-Nitroaniline	Ave	0.4528	0.4388	0.0100	48400	50000	-3.1	20.0
1,3-Dimethylnaphthalene	Ave	0.9180	0.9722		53000	50000	5.9	20.0
Dimethyl phthalate	Ave	1.334	1.435	0.0100	53800	50000	7.5	20.0
Coumarin	Ave	0.2518	0.2535		50300	50000	0.7	20.0
2,6-Dinitrotoluene	Ave	0.2920	0.3233	0.2000	55400	50000	10.7	20.0
Acenaphthylene	Ave	1.879	1.911	0.9000	50900	50000	1.7	20.0
3-Nitroaniline	Ave	0.3361	0.3537	0.0100	52600	50000	5.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.075	1.169		54400	50000	8.7	20.0
Acenaphthene	Ave	1.213	1.325	0.9000	54600	50000	9.3	20.0
2,4-Dinitrophenol	Lin2		0.2296	0.0100	116000	100000	16.0	20.0
4-Nitrophenol	Ave	0.2463	0.2582	0.0100	105000	100000	4.8	20.0
2,4-Dinitrotoluene	Ave	0.3945	0.4413	0.2000	55900	50000	11.8	20.0
Dibenzofuran	Ave	1.637	1.765	0.8000	53900	50000	7.8	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3725	0.4130	0.0100	55400	50000	10.9	20.0
Diethyl phthalate	Ave	1.355	1.450	0.0100	53500	50000	7.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6521	0.7102	0.4000	54500	50000	8.9	20.0
Fluorene	Ave	1.294	1.373	0.9000	53100	50000	6.1	20.0
4-Nitroaniline	Ave	0.3408	0.3726	0.0100	54700	50000	9.4	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1233	0.1366	0.0100	111000	100000	10.8	20.0
N-Nitrosodiphenylamine	Ave	0.5099	0.5133	0.0100	50300	50000	0.7	20.0
1,2-Diphenylhydrazine	Ave	0.6507	0.6055		46500	50000	-6.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2229	0.2372	0.1000	53200	50000	6.4	20.0
Hexachlorobenzene	Ave	0.2851	0.3130	0.1000	54900	50000	9.8	20.0
Atrazine	Ave	0.2033	0.2093	0.0100	20600	20000	3.0	20.0
Pentachlorophenol	Ave	0.1724	0.1871	0.0500	109000	100000	8.5	20.0
Pentachloronitrobenzene	Ave	0.1109	0.1133	0.0100	51100	50000	2.2	20.0
n-Octadecane	Ave	0.5794	0.5110		44100	50000	-11.8	20.0
Phenanthrene	Ave	1.035	1.043	0.7000	50400	50000	0.8	20.0
Anthracene	Ave	1.061	1.083	0.7000	51000	50000	2.1	20.0
Carbazole	Ave	0.9703	0.9894	0.0100	51000	50000	2.0	20.0
Di-n-butyl phthalate	Ave	1.218	1.237	0.0100	50800	50000	1.5	20.0
Fluoranthene	Ave	1.162	1.247	0.6000	53600	50000	7.3	20.0
Benzidine	Ave	0.7072	0.6774		47900	50000	-4.2	20.0
Pyrene	Ave	1.235	1.273	0.6000	51500	50000	3.1	20.0
Bisphenol-A	Ave	0.5785	0.6252		54000	50000	8.1	20.0
Butyl benzyl phthalate	Ave	0.5265	0.5343	0.0100	50700	50000	1.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810633/2 Calibration Date: 11/01/2021 10:03

Instrument ID: CBNAMS5 Calib Start Date: 10/29/2021 10:55

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 10/29/2021 14:00

Lab File ID: X37454.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,3,7,8-TCDD	Ave	0.2051	0.2329		568	500	13.6	20.0
Carbamazepine	Ave	0.4928	0.5413		54900	50000	9.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4699	0.5403	0.0100	57500	50000	15.0	20.0
Benzo[a]anthracene	Ave	1.247	1.239	0.8000	49700	50000	-0.7	20.0
Chrysene	Ave	1.176	1.234	0.7000	52500	50000	5.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7705	0.7783	0.0100	50500	50000	1.0	20.0
Di-n-octyl phthalate	Ave	1.216	1.246	0.0100	51200	50000	2.5	20.0
Benzo[b]fluoranthene	Ave	1.143	1.297		56800	50000	13.5	20.0
Benzo[k]fluoranthene	Ave	1.173	1.221	0.7000	52000	50000	4.1	20.0
Benzo[a]pyrene	Ave	1.087	1.209	0.7000	55600	50000	11.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.131	1.314	0.5000	58100	50000	16.1	20.0
Dibenz(a,h)anthracene	Ave	1.178	1.291	0.4000	54800	50000	9.6	20.0
Benzo[g,h,i]perylene	Ave	1.226	1.312	0.5000	53500	50000	7.0	20.0
2-Fluorophenol	Ave	1.362	1.230		45200	50000	-9.6	20.0
Phenol-d5	Ave	1.655	1.467		44300	50000	-11.4	20.0
Nitrobenzene-d5	Ave	0.4054	0.3266		40300	50000	-19.4	20.0
2-Fluorobiphenyl	Ave	1.469	1.419		48300	50000	-3.4	20.0
2,4,6-Tribromophenol	Ave	0.3184	0.3457		54300	50000	8.6	20.0
Terphenyl-d14	Ave	1.093	1.050		48100	50000	-3.8	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37454.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Nov-2021 10:03:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub40

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 02-Nov-2021 14:19:09 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: khlungprakhons Date: 02-Nov-2021 14:19:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.893	1.893	0.000	94	40080	50.0	45.6	
2 N-Nitrosodimethylamine	74	2.116	2.116	0.000	75	67968	50.0	44.3	
3 Pyridine	79	2.158	2.158	0.000	76	222853	100.0	94.6	
$ 4 2-Fluorophenol	112	3.287	3.287	0.000	93	119355	50.0	45.2	
5 Benzaldehyde	77	4.104	4.104	0.000	87	23065	20.0	9.73	
$ 6 Phenol-d5	99	4.169	4.169	0.000	92	142276	50.0	44.3	
7 Phenol	94	4.181	4.181	0.000	97	162803	50.0	49.5	
8 Aniline	93	4.210	4.210	0.000	48	185560	50.0	47.6	
9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	87	112553	50.0	46.6	
11 2-Chlorophenol	128	4.328	4.328	0.000	88	136794	50.0	49.8	
12 n-Decane	43	4.369	4.369	0.000	91	165780	50.0	40.2	
13 1,3-Dichlorobenzene	146	4.475	4.475	0.000	96	143658	50.0	49.6	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	92	77598	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.540	4.540	0.000	94	147954	50.0	49.9	
16 Benzyl alcohol	108	4.646	4.646	0.000	90	82705	50.0	47.9	
17 1,2-Dichlorobenzene	146	4.687	4.687	0.000	91	140339	50.0	50.0	
18 2-Methylphenol	108	4.751	4.751	0.000	86	112859	50.0	48.6	
19 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	91	222246	50.0	41.8	a
24 4-Methylphenol	108	4.899	4.899	0.000	73	127500	50.0	48.9	
22 N-Nitrosodi-n-propylamine	70	4.899	4.899	0.000	66	87438	50.0	45.0	
23 3 & 4 Methylphenol	108	4.899	4.899	0.000	71	127500	50.0	48.9	
21 Acetophenone	105	4.904	4.904	0.000	82	176729	50.0	47.9	
20 N-Methylaniline	106	4.893	4.893	0.000	72	190419	50.0	46.4	
25 Hexachloroethane	117	5.010	5.010	0.000	90	53160	50.0	48.6	
$ 26 Nitrobenzene-d5	82	5.046	5.046	0.000	92	122985	50.0	40.3	
28 Nitrobenzene	123	5.063	5.063	0.000	87	63914	50.0	49.6	
27 n,n'-Dimethylaniline	120	5.069	5.069	0.000	81	194768	50.0	48.0	
31 Isophorone	82	5.287	5.287	0.000	96	230312	50.0	46.7	
32 2-Nitrophenol	139	5.363	5.363	0.000	89	73493	50.0	51.9	
33 2,4-Dimethylphenol	122	5.404	5.404	0.000	80	115585	50.0	49.3	
35 Benzoic acid	122	5.510	5.510	0.000	76	75595	50.0	51.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	5.493	5.493	0.000	94	138078	50.0	46.6	
36 2,4-Dichlorophenol	162	5.593	5.593	0.000	95	115774	50.0	53.1	
37 1,2,4-Trichlorobenzene	180	5.675	5.675	0.000	92	128518	50.0	54.6	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	98	301229	40.0	40.0	
39 Naphthalene	128	5.751	5.751	0.000	99	384694	50.0	50.1	
40 4-Chloroaniline	127	5.798	5.798	0.000	79	165760	50.0	49.4	
130 2,6-Dichlorophenol	162	5.810	5.810	0.000	91	112448	50.0	52.1	
41 Hexachlorobutadiene	225	5.875	5.875	0.000	97	81759	50.0	54.0	
42 Caprolactam	113	6.122	6.122	0.000	85	13667	20.0	20.9	
43 4-Chloro-3-methylphenol	107	6.257	6.257	0.000	93	105590	50.0	48.7	
44 2-Methylnaphthalene	142	6.404	6.404	0.000	84	261513	50.0	49.4	
45 1-Methylnaphthalene	142	6.498	6.498	0.000	89	244338	50.0	50.3	
46 Hexachlorocyclopentadiene	237	6.563	6.563	0.000	83	104797	50.0	52.6	
47 1,2,4,5-Tetrachlorobenzene	216	6.563	6.563	0.000	97	139147	50.0	55.6	
48 2-tertbutyl-4-methylphenol	149	6.593	6.593	0.000	76	167297	50.0	50.9	
49 2,4,6-Trichlorophenol	196	6.669	6.669	0.000	91	90362	50.0	57.4	
50 2,4,5-Trichlorophenol	196	6.704	6.704	0.000	90	102695	50.0	56.0	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	91	283505	50.0	48.3	
52 1,1'-Biphenyl	154	6.845	6.845	0.000	96	309209	50.0	52.5	
53 2-Chloronaphthalene	162	6.863	6.863	0.000	97	244291	50.0	52.9	
54 Phenyl ether	170	6.940	6.940	0.000	84	170230	50.0	52.2	
56 2-Nitroaniline	65	6.957	6.957	0.000	97	87671	50.0	48.4	
57 1,3-Dimethylnaphthalene	156	7.069	7.069	0.000	89	194259	50.0	53.0	
58 Dimethyl phthalate	163	7.134	7.134	0.000	99	286733	50.0	53.8	
59 Coumarin	146	7.151	7.151	0.000	74	95453	50.0	50.3	
60 2,6-Dinitrotoluene	165	7.187	7.187	0.000	5	64608	50.0	55.4	
61 Acenaphthylene	152	7.251	7.251	0.000	96	381854	50.0	50.9	
64 3-Nitroaniline	138	7.345	7.345	0.000	94	70675	50.0	52.6	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	90	159849	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.410	7.410	0.000	90	233622	50.0	54.4	
67 Acenaphthene	154	7.416	7.416	0.000	93	264819	50.0	54.6	
68 2,4-Dinitrophenol	184	7.440	7.440	0.000	59	91747	100.0	116.0	a
69 4-Nitrophenol	65	7.504	7.504	0.000	92	103186	100.0	104.8	
70 2,4-Dinitrotoluene	165	7.563	7.563	0.000	95	88172	50.0	55.9	
71 Dibenzofuran	168	7.581	7.581	0.000	92	352627	50.0	53.9	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.698	0.000	96	82515	50.0	55.4	
73 Diethyl phthalate	149	7.798	7.798	0.000	97	289741	50.0	53.5	
75 Fluorene	166	7.904	7.904	0.000	83	274434	50.0	53.1	
74 4-Chlorophenyl phenyl ether	204	7.898	7.898	0.000	75	141910	50.0	54.5	
76 4-Nitroaniline	138	7.922	7.922	0.000	91	74458	50.0	54.7	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.951	0.000	75	108567	100.0	110.8	
78 N-Nitrosodiphenylamine	169	8.010	8.010	0.000	97	203938	50.0	50.3	
79 1,2-Diphenylhydrazine	77	8.051	8.051	0.000	96	240578	50.0	46.5	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	90	69079	50.0	54.3	
81 4-Bromophenyl phenyl ether	248	8.357	8.357	0.000	93	94257	50.0	53.2	
83 Hexachlorobenzene	284	8.428	8.428	0.000	93	124363	50.0	54.9	
84 Atrazine	200	8.510	8.510	0.000	89	33257	20.0	20.6	
85 Pentachlorophenol	266	8.610	8.610	0.000	90	148670	100.0	108.5	
86 Pentachloronitrobenzene	237	8.622	8.622	0.000	82	45013	50.0	51.1	
87 n-Octadecane	57	8.686	8.686	0.000	90	203051	50.0	44.1	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	317859	40.0	40.0	
89 Phenanthrene	178	8.804	8.804	0.000	97	414270	50.0	50.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
90 Anthracene	178	8.851	8.851	0.000	98	430323	50.0	51.0	
91 Carbazole	167	9.004	9.004	0.000	82	393123	50.0	51.0	
92 Di-n-butyl phthalate	149	9.334	9.334	0.000	100	491356	50.0	50.8	
93 Fluoranthene	202	9.928	9.928	0.000	98	495396	50.0	53.6	
94 Benzidine	184	10.051	10.051	0.000	99	269159	50.0	47.9	
95 Pyrene	202	10.139	10.139	0.000	97	508621	50.0	51.5	
82 Bisphenol-A	213	10.186	10.186	0.000	86	249884	50.0	54.0	
$ 96 Terphenyl-d14	244	10.292	10.292	0.000	98	419845	50.0	48.1	
97 Butyl benzyl phthalate	149	10.792	10.792	0.000	94	213559	50.0	50.7	
98 2,3,7,8-TCDD	320	10.892	10.892	0.000	21	931	0.5000	0.5678	
99 Carbamazepine	193	10.910	10.910	0.000	92	216323	50.0	54.9	
100 3,3'-Dichlorobenzidine	252	11.380	11.380	0.000	98	215923	50.0	57.5	
101 Benzo[a]anthracene	228	11.410	11.410	0.000	98	495201	50.0	49.7	
* 102 Chrysene-d12	240	11.422	11.422	0.000	95	319737	40.0	40.0	
103 Chrysene	228	11.451	11.451	0.000	95	493299	50.0	52.5	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.457	0.000	84	311068	50.0	50.5	
105 Di-n-octyl phthalate	149	12.298	12.298	0.000	96	556336	50.0	51.2	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	96	579449	50.0	56.8	
107 Benzo[k]fluoranthene	252	12.839	12.839	0.000	95	545363	50.0	52.0	
108 Benzo[a]pyrene	252	13.257	13.257	0.000	96	539849	50.0	55.6	
* 109 Perylene-d12	264	13.339	13.339	0.000	99	357281	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.933	14.933	0.000	95	586687	50.0	58.1	
111 Dibenz(a,h)anthracene	278	14.974	14.974	0.000	97	576670	50.0	54.8	
112 Benzo[g,h,i]perylene	276	15.386	15.386	0.000	96	585822	50.0	53.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L7_00003 Amount Added: 1.00 Units: mL

Report Date: 02-Nov-2021 14:19:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37454.d

Injection Date: 01-Nov-2021 10:03:30 Instrument ID: CBNAMS5

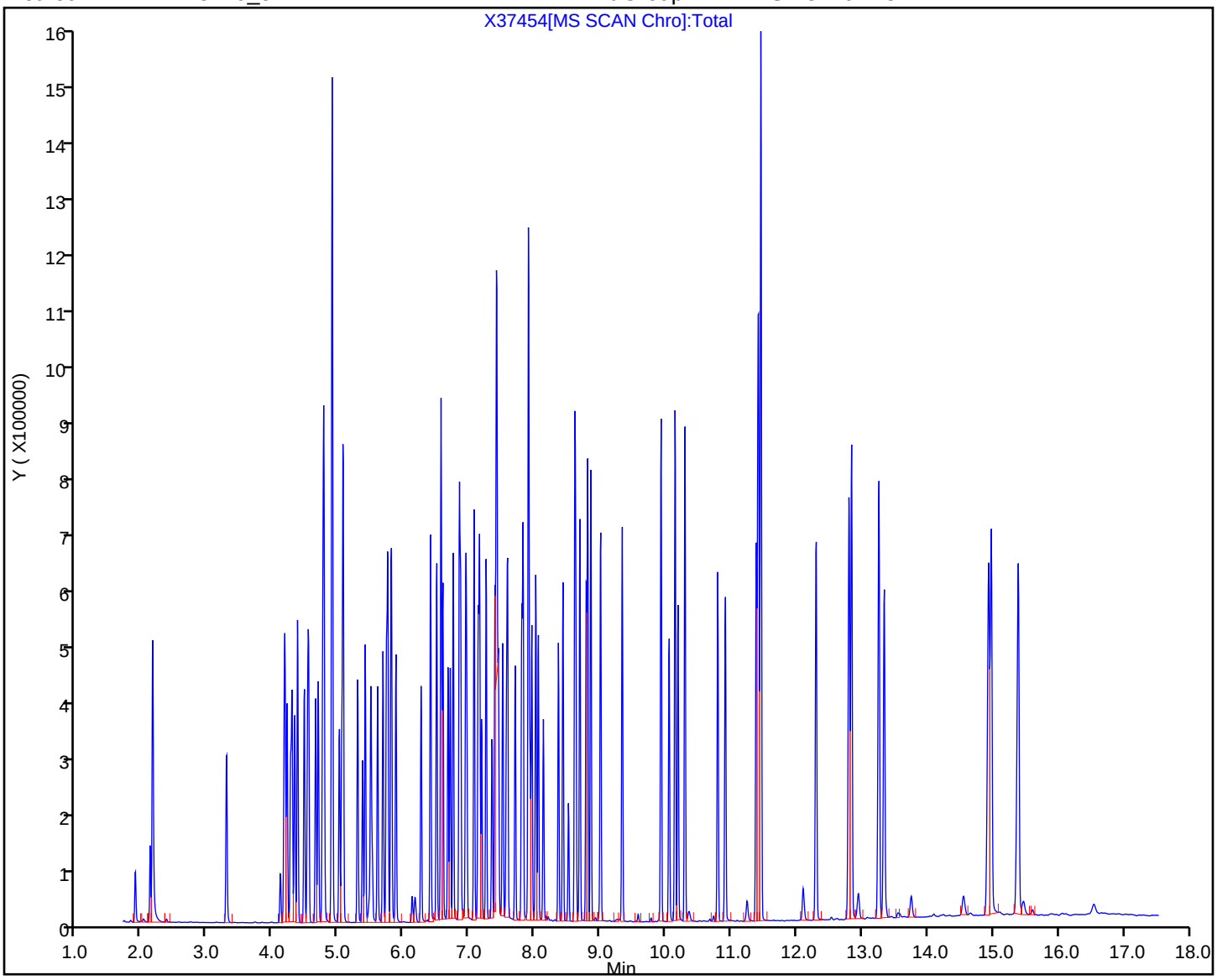
Lims ID: CCVIS

Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 12-Oct-2021 10:16:01 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135897-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 12-Oct-2021 13:39:52 Calib Date: 12-Oct-2021 12:42:09
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455724.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1682

First Level Reviewer: johnstonm1 Date: 12-Oct-2021 13:39:52

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.191	2.191	0.000	92	99013	NR	NR	
6 Benzidine_T	184	2.788	2.788	0.000	99	544329	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.862	2.862	0.000	76	676		NR	
123 4,4'-DDD	235	3.010	3.010	0.000	36	1036		NR	a
124 4,4'-DDT	235	3.117	3.117	0.000	98	239642	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

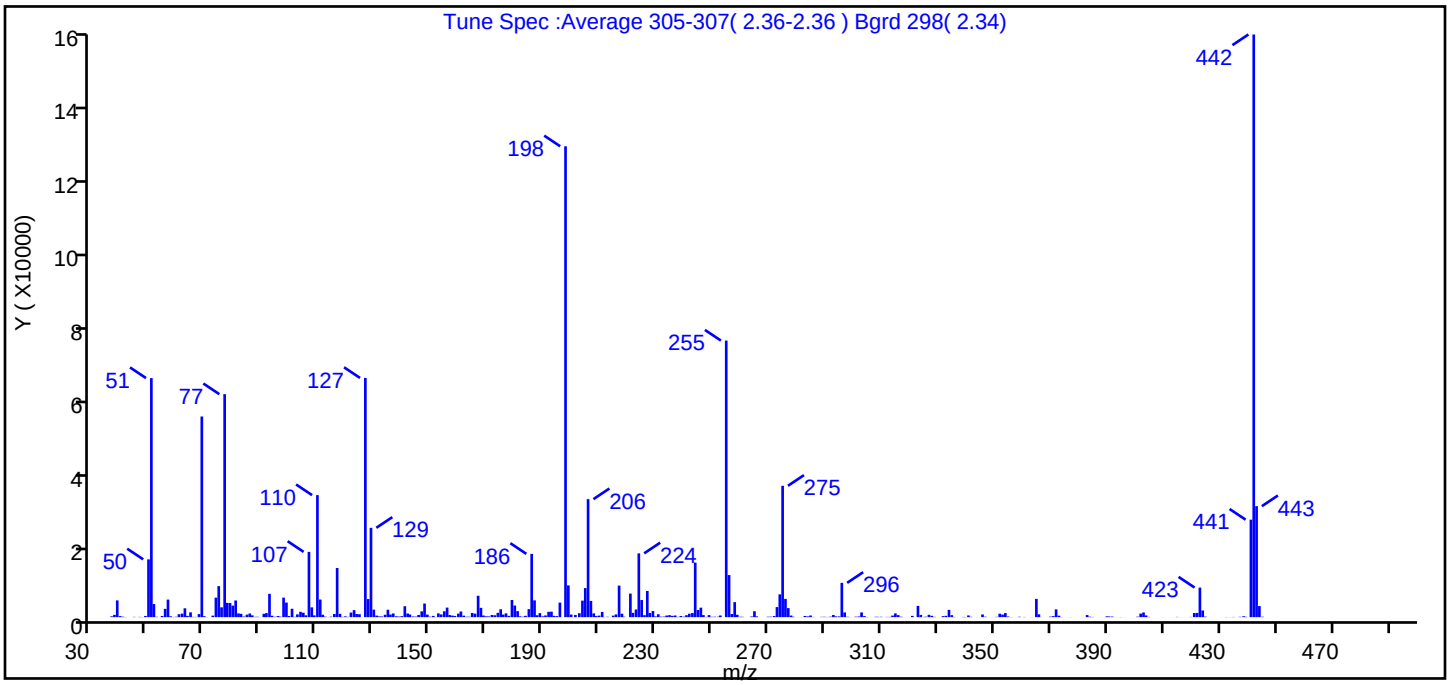
SMDFTP_CH_00032 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D
Injection Date: 12-Oct-2021 10:16:01 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.6 (1.5)
69	Present	42.6
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.7
365	>1% of m/z 198	3.9
441	<150% of m/z 443	20.7 (87.8)
442	Present	123.7
443	15-24% of m/z 442	23.6 (19.0)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D\8270_15R_9.rslt\spectra.d
Injection Date: 12-Oct-2021 10:16:01
Spectrum: Tune Spec :Average 305-307(2.36-2.36) Bgrd 298(2.34)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 405

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	213	141.00	2930	246.00	2542	354.00	1092
38.00	616	142.00	972	247.00	543	355.00	175
39.00	4493	143.00	715	248.00	57	356.00	29
40.00	285	144.00	178	249.00	547	357.00	1
41.00	134	145.00	149	250.00	93	358.00	9
42.00	49	146.00	583	251.00	119	359.00	106
43.00	2	147.00	1556	252.00	109	361.00	55
44.00	2	148.00	3652	253.00	441	363.00	22
45.00	74	149.00	684	255.00	74184	365.00	4897
46.00	6	150.00	124	256.00	11285	366.00	747
47.00	71	151.00	337	257.00	849	367.00	12
48.00	38	152.00	44	258.00	4028	368.00	1
49.00	324	153.00	1011	259.00	628	369.00	6
50.00	15500	154.00	725	260.00	95	370.00	141
51.00	64120	155.00	1572	261.00	85	371.00	269
52.00	3511	156.00	2561	262.00	12	372.00	2081
53.00	103	157.00	563	263.00	8	373.00	386
55.00	318	158.00	412	264.00	174	374.00	28
56.00	2218	159.00	322	265.00	1587	375.00	10
57.00	4708	160.00	935	266.00	207	377.00	8
58.00	236	161.00	1516	269.00	1	377.00	28
59.00	57	162.00	399	270.00	111	378.00	1
60.00	108	163.00	118	271.00	122	379.00	9
61.00	776	164.00	111	272.00	292	381.00	8
62.00	950	165.00	1123	273.00	2693	382.00	10
63.00	2369	166.00	943	274.00	6115	383.00	555
64.00	336	167.00	5734	275.00	35232	384.00	130
65.00	1290	168.00	2496	276.00	4897	385.00	58
66.00	75	169.00	436	277.00	2426	387.00	7
67.00	62	170.00	223	278.00	425	388.00	7
68.00	818	171.00	199	279.00	101	389.00	4
69.00	53816	172.00	576	280.00	13	390.00	213
70.00	249	173.00	504	281.00	1	391.00	178

Report Date: 12-Oct-2021 13:39:53 Chrom Revision: 2.3 13-May-2021 07:57:40
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D\8270_15R_9.rslt\spectra.d
Injection Date: 12-Oct-2021 10:16:01
Spectrum: Tune Spec :Average 305-307(2.36-2.36) Bgrd 298(2.34)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 405

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	31	174.00	1155	282.00	30	392.00	156
72.00	5	175.00	2113	283.00	317	393.00	13
73.00	406	176.00	678	284.00	209	394.00	1
74.00	5230	177.00	1012	285.00	436	395.00	32
75.00	8318	178.00	335	286.00	59	397.00	16
76.00	2635	179.00	4601	288.00	4	401.00	127
77.00	59808	180.00	3117	289.00	78	402.00	943
78.00	3833	181.00	1608	290.00	98	403.00	1256
79.00	3787	182.00	227	291.00	52	404.00	457
80.00	3089	183.00	117	292.00	126	405.00	69
81.00	4468	184.00	359	293.00	585	406.00	2
82.00	996	185.00	2148	294.00	211	408.00	1
83.00	898	186.00	16968	295.00	191	409.00	1
84.00	172	187.00	4501	296.00	9199	410.00	21
85.00	667	188.00	514	297.00	1271	411.00	5
86.00	973	189.00	1075	298.00	107	413.00	8
87.00	477	190.00	215	299.00	29	415.00	67
88.00	81	191.00	454	300.00	2	416.00	22
89.00	101	192.00	1425	301.00	121	418.00	9
90.00	7	193.00	1474	302.00	182	419.00	2
91.00	895	194.00	344	303.00	1264	419.00	9
92.00	1085	195.00	278	304.00	277	420.00	65
93.00	6257	196.00	3899	305.00	51	421.00	1104
94.00	362	198.00	126296	306.00	7	422.00	1129
95.00	107	199.00	8510	307.00	3	423.00	7935
96.00	293	200.00	688	308.00	92	424.00	1786
97.00	132	202.00	584	309.00	84	425.00	138
98.00	5225	203.00	1048	310.00	93	426.00	4
99.00	3909	204.00	4432	311.00	3	428.00	7
100.00	306	205.00	7793	312.00	60	430.00	11
101.00	2248	206.00	31648	313.00	78	431.00	1
102.00	95	207.00	4355	314.00	420	432.00	38
103.00	748	208.00	1013	315.00	1014	434.00	23
104.00	1426	209.00	292	316.00	545	435.00	53

Report Date: 12-Oct-2021 13:39:53 Chrom Revision: 2.3 13-May-2021 07:57:40
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D\8270_15R_9.rslt\spectra.d
Injection Date: 12-Oct-2021 10:16:01
Spectrum: Tune Spec :Average 305-307(2.36-2.36) Bgrd 298(2.34)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 405

m/z	Y	m/z	Y	m/z	Y	m/z	Y
105.00	1187	210.00	413	317.00	118	436.00	12
106.00	482	211.00	1401	318.00	24	437.00	94
107.00	17504	212.00	54	319.00	4	438.00	237
108.00	2625	213.00	104	320.00	10	439.00	104
109.00	469	214.00	6	321.00	338	441.00	26144
110.00	32728	215.00	402	323.00	3022	442.00	156288
111.00	4721	216.00	726	324.00	585	443.00	29768
112.00	635	217.00	8459	325.00	51	444.00	2968
113.00	133	218.00	924	326.00	119	445.00	115
114.00	21	219.00	113	327.00	624	446.00	4
115.00	136	221.00	6317	328.00	357	449.00	4
116.00	836	222.00	1154	329.00	76	450.00	1
117.00	13181	223.00	2054	330.00	5	452.00	1
118.00	884	224.00	17112	331.00	5	454.00	1
119.00	80	225.00	4590	332.00	267	455.00	1
120.00	208	226.00	526	333.00	352	457.00	6
121.00	74	227.00	7022	334.00	1958	462.00	2
122.00	1230	228.00	1120	335.00	530	463.00	5
123.00	1888	229.00	1638	336.00	65	469.00	4
124.00	843	230.00	209	337.00	5	470.00	1
125.00	784	231.00	774	339.00	52	471.00	2
127.00	64160	232.00	140	340.00	44	476.00	4
128.00	4852	233.00	157	341.00	459	478.00	1
129.00	23960	234.00	427	342.00	96	481.00	2
130.00	2013	235.00	542	343.00	3	483.00	2
131.00	422	236.00	350	344.00	14	487.00	1
132.00	203	237.00	443	345.00	11	487.00	1
133.00	185	238.00	71	346.00	714	490.00	5
134.00	635	239.00	305	347.00	109	493.00	1
135.00	1983	240.00	138	348.00	6	495.00	1
136.00	705	241.00	516	349.00	6	498.00	1
137.00	984	242.00	917	350.00	7	499.00	2
138.00	232	243.00	1099	351.00	81		
139.00	159	244.00	14630	352.00	925		

Report Date: 12-Oct-2021 13:39:53 Chrom Revision: 2.3 13-May-2021 07:57:40
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D\8270_15R_9.rslt\spectra.d
Injection Date: 12-Oct-2021 10:16:01
Spectrum: Tune Spec :Average 305-307(2.36-2.36) Bgrd 298(2.34)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 405

m/z	Y	m/z	Y	m/z	Y	m/z	Y
140.00	262	245.00	1918	353.00	681		

Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D
Injection Date: 12-Oct-2021 10:16:01 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

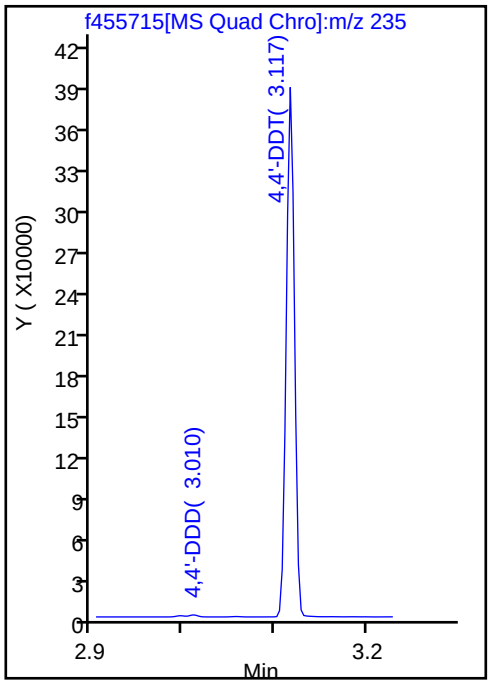
124 4,4'-DDT, Detector: MS Quad

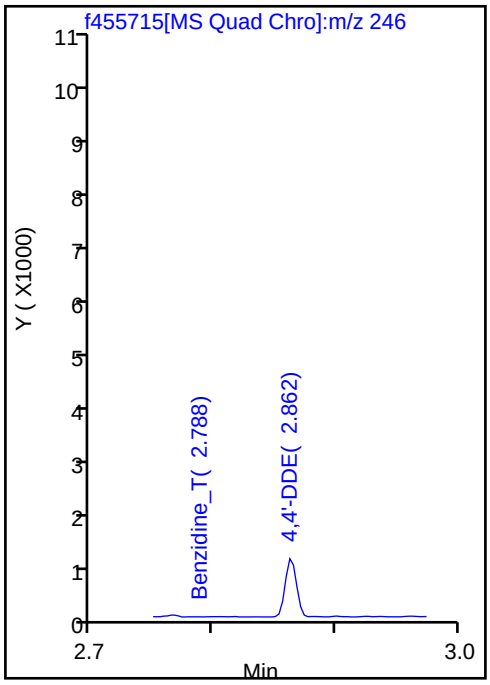
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 239642
123 4,4'-DDD, Area = 1036
122 4,4'-DDE, Area = 676

%Breakdown: 0.71%, <= 20.00%
Passed





Peak Tailing Report

Eurofins TestAmerica, Edison

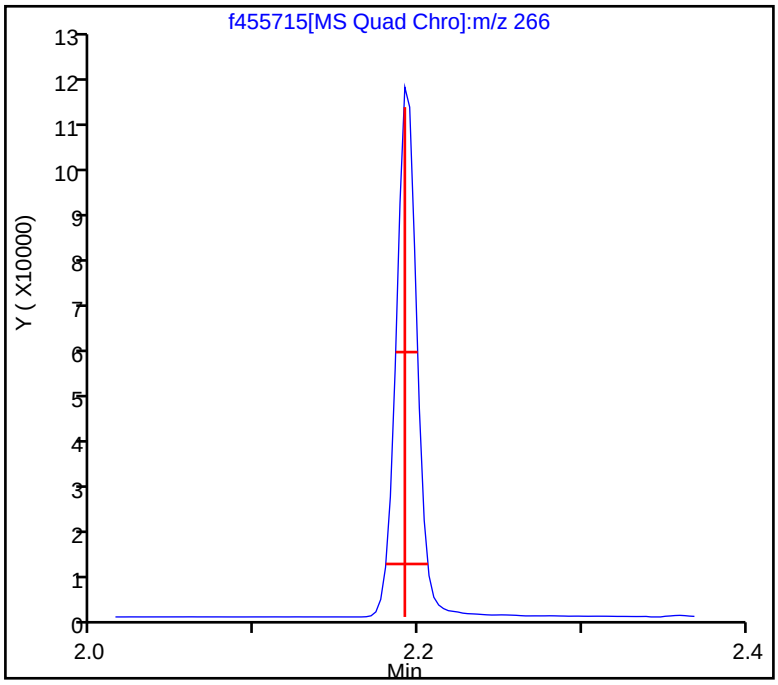
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D
Injection Date: 12-Oct-2021 10:16:01 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

4 Pentachlorophenol_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.17, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

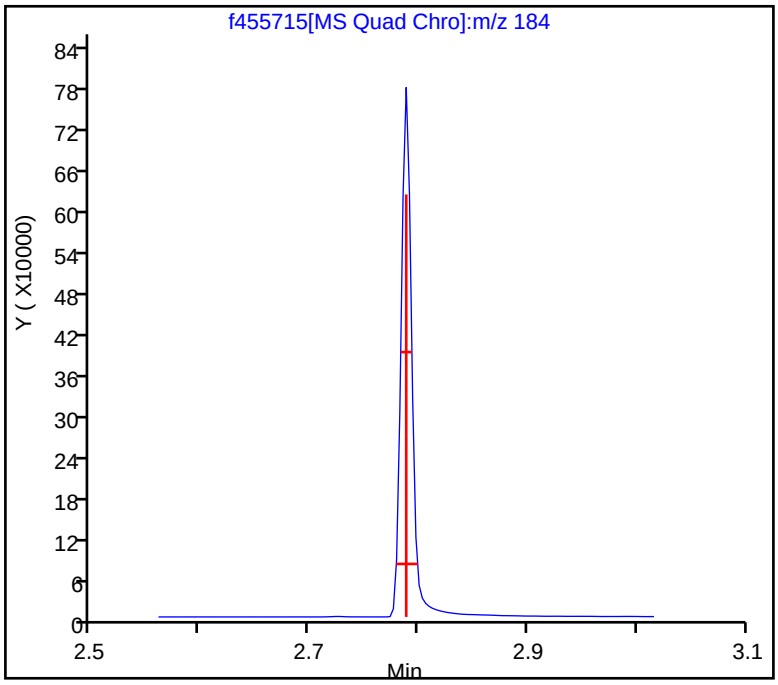
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20211012-135897.b\f455715.D
Injection Date: 12-Oct-2021 10:16:01 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

6 Benzidine_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.22, Max. Tailing <= 2.00
Passed



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Oct-2021 10:38:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136802-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 29-Oct-2021 14:51:08 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1625

First Level Reviewer: johnstonm1 Date: 29-Oct-2021 14:51:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	4.675	4.675	0.000	91	68217	NR	NR	
124 DFTPP									
55 Benzidine_T	184	5.887	5.887	0.000	99	370846	NR	NR	
125 4,4'-DDE	246	6.034	6.034	0.000	6	454		NC	
126 4,4'-DDD	235	6.328	6.328	0.000	22	742		NC	
127 4,4'-DDT	235	6.534	6.534	0.000	99	186833	NC	NC	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated

Reagents:

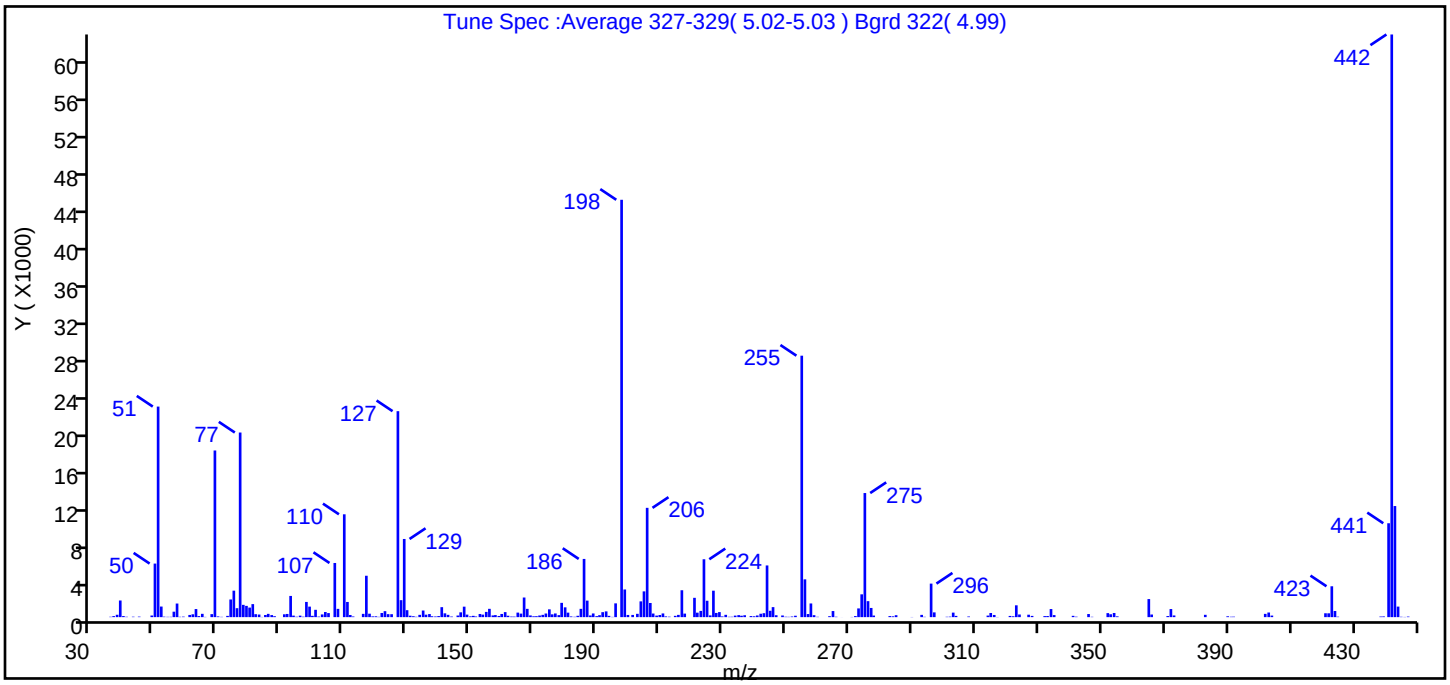
SMDFTP_CH_00032 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d
Injection Date: 29-Oct-2021 10:38:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.8)
69	Present	39.9
70	<2% of m/z 69	0.2 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.6
365	>1% of m/z 198	4.3
441	<150% of m/z 443	22.5 (84.5)
442	Present	139.6
443	15-24% of m/z 442	26.6 (19.1)

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d\8270_5R.rslt\spectra.d
Injection Date: 29-Oct-2021 10:38:30
Spectrum: Tune Spec :Average 327-329(5.02-5.03) Bgrd 322(4.99)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	39	119.00	80	190.00	106	273.00	929
37.00	110	120.00	89	191.00	209	274.00	2428
38.00	252	121.00	34	192.00	530	275.00	13207
39.00	1772	122.00	442	193.00	613	276.00	1701
40.00	114	123.00	636	194.00	137	277.00	978
41.00	41	124.00	318	195.00	26	278.00	168
43.00	47	125.00	314	196.00	1467	283.00	114
45.00	56	127.00	21920	198.00	44416	284.00	87
49.00	172	128.00	1806	199.00	2944	285.00	206
50.00	5700	129.00	8319	200.00	233	290.00	17
51.00	22408	130.00	740	201.00	235	293.00	242
52.00	1127	131.00	151	203.00	354	294.00	35
53.00	51	132.00	97	204.00	1679	296.00	3569
54.00	34	133.00	38	205.00	2743	297.00	507
55.00	35	134.00	244	206.00	11632	301.00	39
56.00	581	135.00	705	207.00	1506	302.00	54
57.00	1448	136.00	262	208.00	384	303.00	481
58.00	37	137.00	328	209.00	165	304.00	134
59.00	55	138.00	94	210.00	227	308.00	68
61.00	234	139.00	69	211.00	394	314.00	166
62.00	303	140.00	114	212.00	78	315.00	440
63.00	861	141.00	1062	213.00	50	316.00	231
64.00	109	142.00	405	215.00	139	317.00	17
65.00	353	143.00	245	216.00	241	321.00	128
66.00	25	144.00	63	217.00	2863	322.00	91
68.00	320	146.00	173	218.00	376	323.00	1259
69.00	17736	147.00	512	221.00	2056	324.00	282
70.00	79	148.00	1115	222.00	476	327.00	259
71.00	31	149.00	268	223.00	663	328.00	133
73.00	134	150.00	84	224.00	6160	332.00	109
74.00	1880	151.00	139	225.00	1744	333.00	117
75.00	2818	152.00	69	226.00	185	334.00	862
76.00	953	153.00	336	227.00	2815	335.00	218

Report Date: 29-Oct-2021 14:51:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d\8270_5R.rslt\spectra.d
Injection Date: 29-Oct-2021 10:38:30
Spectrum: Tune Spec :Average 327-329(5.02-5.03) Bgrd 322(4.99)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	19648	154.00	268	228.00	447	341.00	139
78.00	1309	155.00	557	229.00	537	342.00	49
79.00	1199	156.00	885	230.00	73	346.00	331
80.00	1017	157.00	181	231.00	246	347.00	37
81.00	1386	158.00	219	232.00	39	352.00	428
82.00	316	159.00	125	233.00	42	353.00	307
83.00	277	160.00	338	234.00	163	354.00	442
84.00	21	161.00	535	235.00	212	355.00	83
85.00	228	162.00	150	236.00	151	365.00	1923
86.00	350	163.00	62	237.00	202	366.00	280
87.00	219	164.00	56	239.00	115	371.00	117
88.00	99	165.00	482	240.00	91	372.00	862
91.00	303	166.00	377	241.00	177	373.00	179
92.00	339	167.00	2089	242.00	362	383.00	248
93.00	2257	168.00	882	243.00	421	390.00	91
94.00	163	169.00	182	244.00	5502	391.00	42
95.00	46	170.00	89	245.00	678	392.00	50
96.00	159	171.00	100	246.00	1066	402.00	348
97.00	47	172.00	173	247.00	203	403.00	492
98.00	1619	173.00	243	249.00	177	404.00	167
99.00	1120	174.00	386	250.00	44	421.00	412
100.00	139	175.00	830	251.00	34	422.00	408
101.00	780	176.00	297	252.00	67	423.00	3285
102.00	58	177.00	390	253.00	150	424.00	652
103.00	288	178.00	212	255.00	27824	425.00	50
104.00	545	179.00	1521	256.00	4023	438.00	64
105.00	432	180.00	1043	257.00	329	439.00	77
107.00	5764	181.00	478	258.00	1456	441.00	9992
108.00	881	182.00	74	259.00	208	442.00	62008
110.00	10945	183.00	38	260.00	37	443.00	11823
111.00	1616	184.00	144	264.00	102	444.00	1122
112.00	230	185.00	884	265.00	648	445.00	39
113.00	69	186.00	6195	266.00	42	446.00	22
116.00	350	187.00	1759	268.00	4	447.00	61

Report Date: 29-Oct-2021 14:51:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d\8270_5R.rslt\spectra.d
Injection Date: 29-Oct-2021 10:38:30
Spectrum: Tune Spec :Average 327-329(5.02-5.03) Bgrd 322(4.99)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 274

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	4405	188.00	180	271.00	20		
118.00	367	189.00	392	272.00	113		

Breakdown Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d
Injection Date: 29-Oct-2021 10:38:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

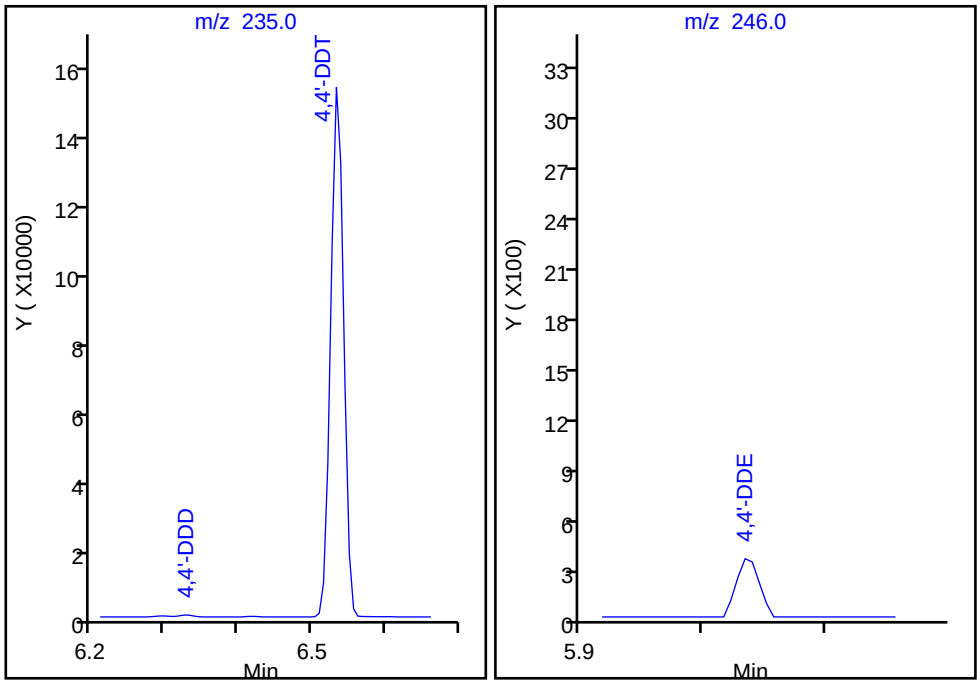
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 186833
126 4,4'-DDD, Area = 742
125 4,4'-DDE, Area = 454

%Breakdown: 0.64%, <= 20.00%
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

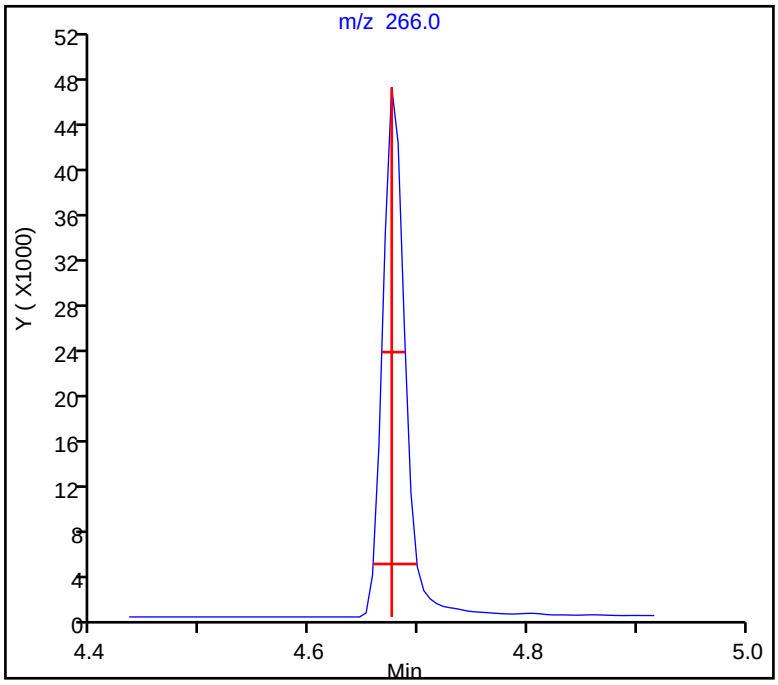
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d
Injection Date: 29-Oct-2021 10:38:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.023 (min.)
Front Width = 0.017 (min.)

Tailing Factor = 1.35, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins TestAmerica, Edison

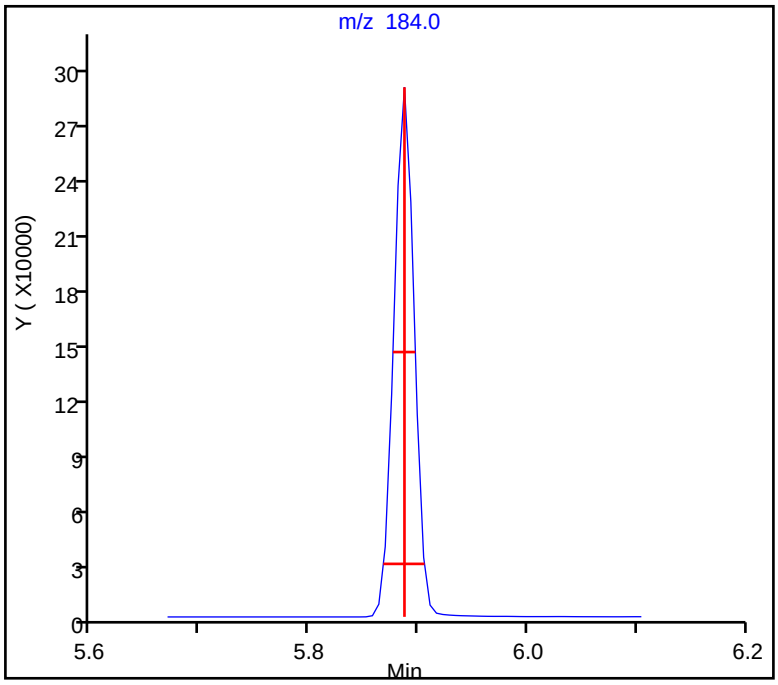
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37345.d
Injection Date: 29-Oct-2021 10:38:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 0.95, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810548/1-A

Matrix: Solid Lab File ID: X37456.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	0.012	U	0.33	0.012
95-57-8	2-Chlorophenol	0.012	U	0.33	0.012
95-48-7	2-Methylphenol	0.012	U	0.33	0.012
106-44-5	4-Methylphenol	0.021	U	0.33	0.021
88-75-5	2-Nitrophenol	0.033	U	0.33	0.033
105-67-9	2,4-Dimethylphenol	0.015	U	0.33	0.015
120-83-2	2,4-Dichlorophenol	0.021	U	0.13	0.021
59-50-7	4-Chloro-3-methylphenol	0.019	U	0.33	0.019
88-06-2	2,4,6-Trichlorophenol	0.042	U	0.13	0.042
95-95-4	2,4,5-Trichlorophenol	0.034	U	0.33	0.034
121-14-2	2,4-Dinitrotoluene	0.036	U	0.067	0.036
100-02-7	4-Nitrophenol	0.054	U	0.67	0.054
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.27	0.14
87-86-5	Pentachlorophenol	0.068	U	0.27	0.068
111-44-4	Bis(2-chloroethyl)ether	0.012	U	0.033	0.012
541-73-1	1,3-Dichlorobenzene	0.0044	U	0.33	0.0044
106-46-7	1,4-Dichlorobenzene	0.013	U	0.33	0.013
95-50-1	1,2-Dichlorobenzene	0.0056	U	0.33	0.0056
621-64-7	N-Nitrosodi-n-propylamine	0.024	U	0.033	0.024
67-72-1	Hexachloroethane	0.011	U	0.033	0.011
98-95-3	Nitrobenzene	0.0079	U	0.033	0.0079
78-59-1	Isophorone	0.096	U	0.13	0.096
120-82-1	1,2,4-Trichlorobenzene	0.0085	U	0.033	0.0085
91-20-3	Naphthalene	0.0057	U	0.33	0.0057
87-68-3	Hexachlorobutadiene	0.0070	U	0.067	0.0070
91-57-6	2-Methylnaphthalene	0.0093	U	0.33	0.0093
77-47-4	Hexachlorocyclopentadiene	0.029	U	0.33	0.029
91-58-7	2-Chloronaphthalene	0.015	U	0.33	0.015
88-74-4	2-Nitroaniline	0.012	U	0.33	0.012
131-11-3	Dimethyl phthalate	0.075	U	0.33	0.075
208-96-8	Acenaphthylene	0.0033	U	0.33	0.0033
606-20-2	2,6-Dinitrotoluene	0.024	U	0.067	0.024
99-09-2	3-Nitroaniline	0.037	U	0.33	0.037
83-32-9	Acenaphthene	0.0094	U	0.33	0.0094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810548/1-A

Matrix: Solid Lab File ID: X37456.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	0.0046	U	0.33	0.0046
51-28-5	2,4-Dinitrophenol	0.16	U	0.27	0.16
84-66-2	Diethyl phthalate	0.0048	U	0.33	0.0048
7005-72-3	4-Chlorophenyl phenyl ether	0.012	U	0.33	0.012
86-73-7	Fluorene	0.0045	U	0.33	0.0045
100-01-6	4-Nitroaniline	0.038	U	0.33	0.038
86-30-6	N-Nitrosodiphenylamine	0.027	U	0.33	0.027
101-55-3	4-Bromophenyl phenyl ether	0.013	U	0.33	0.013
118-74-1	Hexachlorobenzene	0.016	U	0.033	0.016
85-01-8	Phenanthrene	0.0058	U	0.33	0.0058
120-12-7	Anthracene	0.010	U	0.33	0.010
86-74-8	Carbazole	0.013	U	0.33	0.013
84-74-2	Di-n-butyl phthalate	0.012	U	0.33	0.012
206-44-0	Fluoranthene	0.012	U	0.33	0.012
129-00-0	Pyrene	0.0082	U	0.33	0.0082
85-68-7	Butyl benzyl phthalate	0.016	U	0.33	0.016
56-55-3	Benzo[a]anthracene	0.012	U	0.033	0.012
218-01-9	Chrysene	0.0056	U	0.33	0.0056
117-81-7	Bis(2-ethylhexyl) phthalate	0.017	U	0.33	0.017
117-84-0	Di-n-octyl phthalate	0.018	U	0.33	0.018
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
207-08-9	Benzo[k]fluoranthene	0.0065	U	0.033	0.0065
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
193-39-5	Indeno[1,2,3-cd]pyrene	0.013	U	0.033	0.013
53-70-3	Dibenz(a,h)anthracene	0.014	U	0.033	0.014
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	0.0060	U	0.33	0.0060
91-94-1	3,3'-Dichlorobenzidine	0.050	U	0.13	0.050
111-91-1	Bis(2-chloroethoxy)methane	0.026	U	0.33	0.026

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810548/1-A

Matrix: Solid Lab File ID: X37456.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		11-104
4165-62-2	Phenol-d5	97		15-100
1718-51-0	Terphenyl-d14	105		12-126
118-79-6	2,4,6-Tribromophenol	105		10-123
367-12-4	2-Fluorophenol	101		10-105
321-60-8	2-Fluorobiphenyl	94		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810548/1-A

Matrix: Solid Lab File ID: X37456.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 10:49

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

Number TICs Found: 1 TIC Result Total: 2.5

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Aldol condensation product	2.99	2.50	A J	

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37456.d
Lims ID: MB 460-810548/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Nov-2021 10:49:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 14:46:07 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 01-Nov-2021 14:31:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	3.293	3.287	0.006	92	117877	50.0	50.3	
$ 6 Phenol-d5	99	4.163	4.169	-0.006	97	138547	50.0	48.6	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	95	68886	40.0	40.0	
$ 26 Nitrobenzene-d5	82	5.040	5.046	-0.006	91	117248	50.0	44.2	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	261767	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.745	6.751	-0.006	97	268995	50.0	47.0	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	98	155690	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	88	65251	50.0	52.7	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	296204	40.0	40.0	
$ 96 Terphenyl-d14	244	10.292	10.287	0.000	98	396976	50.0	52.5	
* 102 Chrysene-d12	240	11.416	11.422	-0.006	99	276714	40.0	40.0	
* 109 Perylene-d12	264	13.333	13.339	-0.006	99	290407	40.0	40.0	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37456.d
Lims ID: MB 460-810548/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Nov-2021 10:49:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 14:46:07 Calib Date: 29-Oct-2021 14:00:30
Tic RT Window: 0.000 -0.000 Response: area
Quant By: Nearest ISTD Quant LOD: 10.00000
MS Library: \\chromfs\Edison\Database\NIST02.L
Min. Match: 80

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 01-Nov-2021 14:31:36

Tentative Identified Compound Results

RT	Area	Amount ug/ml	Quant Cpnd	Qual	Lib Entry	Molecular Formula	Mol. Weight	Flags
		Aldol condensation product						
2.987	387859	37.4	14	0	0		0	

Quantitation Compounds

Compound	RT	Area	Amount ug/ml
* 14 1,4-Dichlorobenzene-d4	4.522	414509	40.0

QC Flag Legend

Processing Flags

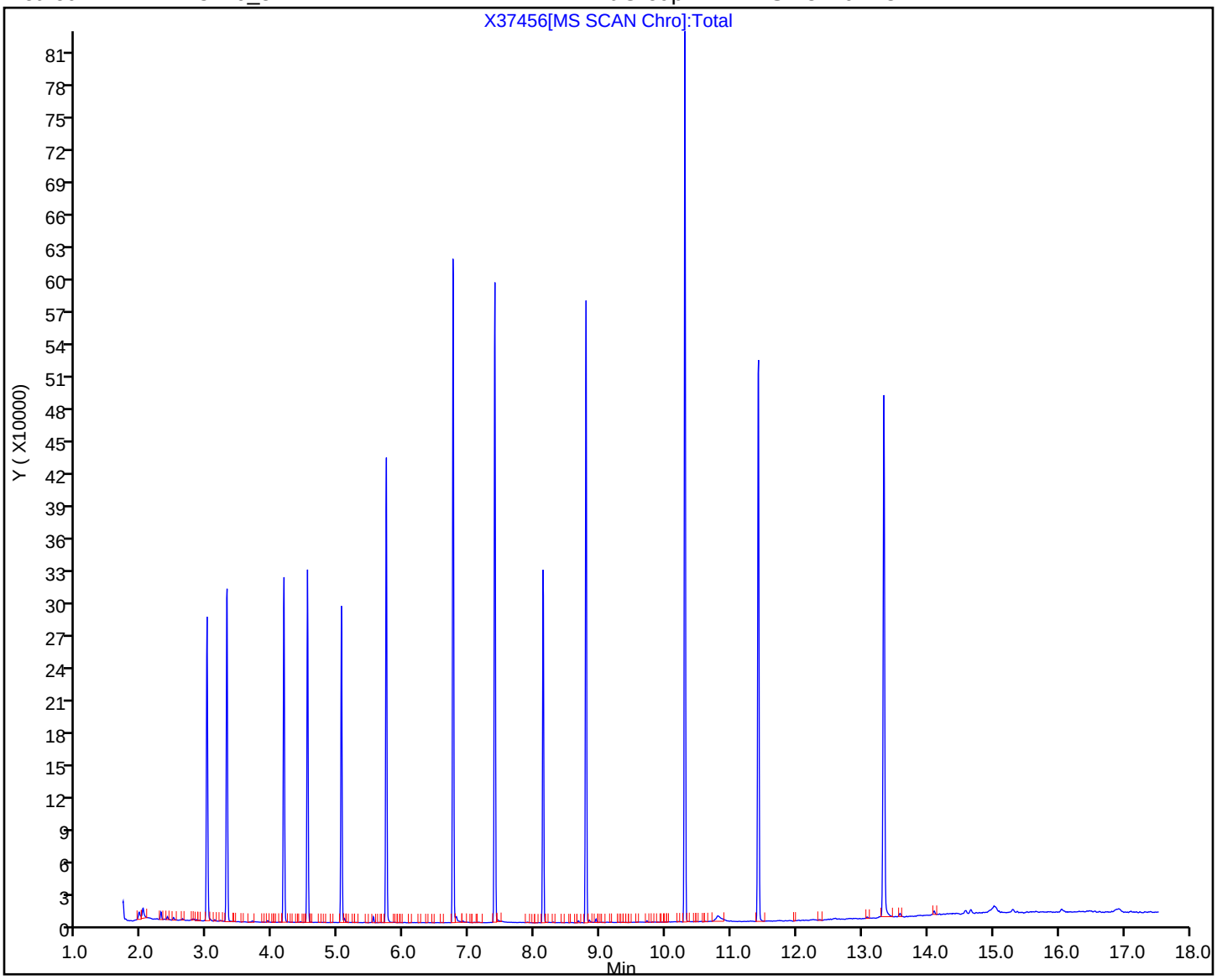
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Nov-2021 14:49:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37456.d				
Injection Date:	01-Nov-2021 10:49:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-810548/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



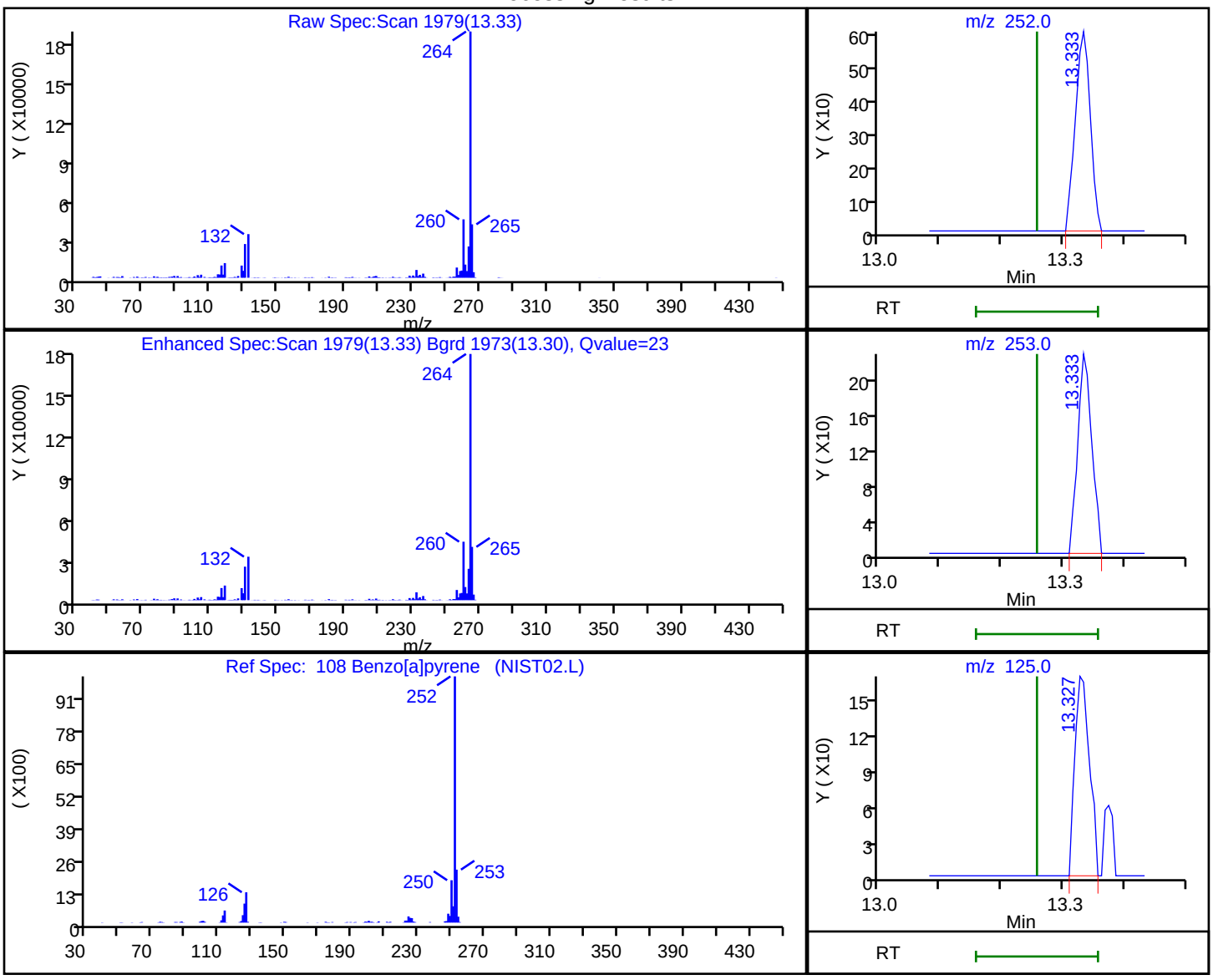
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37456.d				
Injection Date:	01-Nov-2021 10:49:30	Instrument ID:	CBNAMS5		
Lims ID:	MB 460-810548/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		
Column:		Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
13.33	252.00	1039	0.131691
13.33	253.00	367	
13.33	125.00	282	

Reviewer: johnstonm1, 01-Nov-2021 14:30:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Report Date: 01-Nov-2021 14:49:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37456.d

Injection Date: 01-Nov-2021 10:49:30 Instrument ID: CBNAMS5

Lims ID: MB 460-810548/1-A

Client ID:

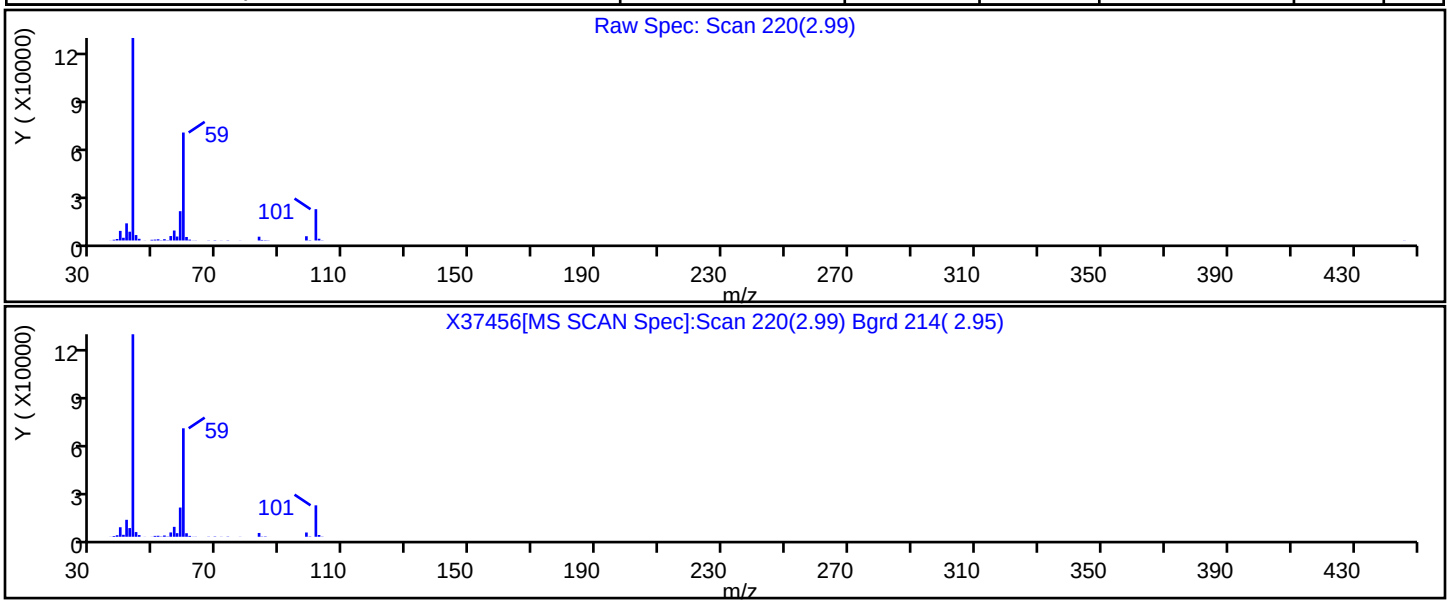
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Detector MS SCAN

Library Search Compound Match	CAS#	Library	Entry	Formula	Weight	Q
Aldol condensation product						



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810548/2-A

Matrix: Solid Lab File ID: X37457.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3.29		0.33	0.012
95-57-8	2-Chlorophenol	3.34		0.33	0.012
95-48-7	2-Methylphenol	3.19		0.33	0.012
106-44-5	4-Methylphenol	3.25		0.33	0.021
88-75-5	2-Nitrophenol	3.44		0.33	0.033
105-67-9	2,4-Dimethylphenol	3.41		0.33	0.015
120-83-2	2,4-Dichlorophenol	3.61		0.13	0.021
59-50-7	4-Chloro-3-methylphenol	3.39		0.33	0.019
88-06-2	2,4,6-Trichlorophenol	3.58		0.13	0.042
95-95-4	2,4,5-Trichlorophenol	3.55		0.33	0.034
121-14-2	2,4-Dinitrotoluene	3.42		0.067	0.036
100-02-7	4-Nitrophenol	6.51		0.67	0.054
534-52-1	4,6-Dinitro-2-methylphenol	7.31		0.27	0.14
87-86-5	Pentachlorophenol	7.02		0.27	0.068
111-44-4	Bis(2-chloroethyl)ether	3.00		0.033	0.012
541-73-1	1,3-Dichlorobenzene	3.10		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	3.15		0.33	0.013
95-50-1	1,2-Dichlorobenzene	3.23		0.33	0.0056
621-64-7	N-Nitrosodi-n-propylamine	2.93		0.033	0.024
67-72-1	Hexachloroethane	3.04		0.033	0.011
98-95-3	Nitrobenzene	3.17		0.033	0.0079
78-59-1	Isophorone	3.08		0.13	0.096
120-82-1	1,2,4-Trichlorobenzene	3.49		0.033	0.0085
91-20-3	Naphthalene	3.34		0.33	0.0057
87-68-3	Hexachlorobutadiene	3.56		0.067	0.0070
91-57-6	2-Methylnaphthalene	3.37		0.33	0.0093
77-47-4	Hexachlorocyclopentadiene	3.30		0.33	0.029
91-58-7	2-Chloronaphthalene	3.32		0.33	0.015
88-74-4	2-Nitroaniline	3.02		0.33	0.012
131-11-3	Dimethyl phthalate	3.35		0.33	0.075
208-96-8	Acenaphthylene	3.33		0.33	0.0033
606-20-2	2,6-Dinitrotoluene	3.43		0.067	0.024
99-09-2	3-Nitroaniline	2.97		0.33	0.037
83-32-9	Acenaphthene	3.31		0.33	0.0094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810548/2-A

Matrix: Solid Lab File ID: X37457.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	3.34		0.33	0.0046
51-28-5	2,4-Dinitrophenol	6.78		0.27	0.16
84-66-2	Diethyl phthalate	3.26		0.33	0.0048
7005-72-3	4-Chlorophenyl phenyl ether	3.44		0.33	0.012
86-73-7	Fluorene	3.36		0.33	0.0045
100-01-6	4-Nitroaniline	3.24		0.33	0.038
86-30-6	N-Nitrosodiphenylamine	3.44		0.33	0.027
101-55-3	4-Bromophenyl phenyl ether	3.64		0.33	0.013
118-74-1	Hexachlorobenzene	3.75		0.033	0.016
85-01-8	Phenanthrene	3.39		0.33	0.0058
120-12-7	Anthracene	3.40		0.33	0.010
86-74-8	Carbazole	3.35		0.33	0.013
84-74-2	Di-n-butyl phthalate	3.28		0.33	0.012
206-44-0	Fluoranthene	3.35		0.33	0.012
129-00-0	Pyrene	3.58		0.33	0.0082
85-68-7	Butyl benzyl phthalate	3.42		0.33	0.016
56-55-3	Benzo[a]anthracene	3.36		0.033	0.012
218-01-9	Chrysene	3.48		0.33	0.0056
117-81-7	Bis(2-ethylhexyl) phthalate	3.38		0.33	0.017
117-84-0	Di-n-octyl phthalate	3.43		0.33	0.018
205-99-2	Benzo[b]fluoranthene	3.52		0.033	0.0086
207-08-9	Benzo[k]fluoranthene	3.63		0.033	0.0065
50-32-8	Benzo[a]pyrene	3.60		0.033	0.0088
193-39-5	Indeno[1,2,3-cd]pyrene	3.49		0.033	0.013
53-70-3	Dibenz(a,h)anthracene	3.58		0.033	0.014
191-24-2	Benzo[g,h,i]perylene	3.38		0.33	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	2.62		0.33	0.0060
91-94-1	3,3'-Dichlorobenzidine	2.33		0.13	0.050
111-91-1	Bis(2-chloroethoxy)methane	3.13		0.33	0.026

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810548/2-A

Matrix: Solid Lab File ID: X37457.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		11-104
4165-62-2	Phenol-d5	88		15-100
1718-51-0	Terphenyl-d14	101		12-126
118-79-6	2,4,6-Tribromophenol	103		10-123
367-12-4	2-Fluorophenol	92		10-105
321-60-8	2-Fluorobiphenyl	91		14-103

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37457.d
Lims ID: LCS 460-810548/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Nov-2021 11:12:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 14:46:07 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: nimerd Date: 01-Nov-2021 11:34:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.904	1.893	0.011	94	21227	50.0	26.1	
2 N-Nitrosodimethylamine	74	2.128	2.116	0.012	78	60491	50.0	42.6	
3 Pyridine	79	2.163	2.157	0.005	75	140175	100.0	64.3	
$ 4 2-Fluorophenol	112	3.293	3.287	0.006	93	112741	50.0	46.2	
5 Benzaldehyde	77	4.104	4.104	0.000	88	45375	20.0	20.7	E
$ 6 Phenol-d5	99	4.169	4.169	0.000	92	130382	50.0	43.9	
7 Phenol	94	4.181	4.181	0.000	97	149885	50.0	49.3	
8 Aniline	93	4.210	4.210	0.000	39	154379	50.0	42.8	
9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	88	100513	50.0	45.1	
11 2-Chlorophenol	128	4.328	4.328	0.000	91	127105	50.0	50.1	
12 n-Decane	43	4.369	4.369	0.000	88	129952	50.0	34.1	
13 1,3-Dichlorobenzene	146	4.475	4.475	0.000	95	124581	50.0	46.6	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	91	71747	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.540	4.540	0.000	93	129693	50.0	47.3	
16 Benzyl alcohol	108	4.645	4.646	-0.001	90	76142	50.0	47.7	
17 1,2-Dichlorobenzene	146	4.687	4.687	0.000	89	125570	50.0	48.4	
18 2-Methylphenol	108	4.757	4.751	0.006	83	102808	50.0	47.9	
19 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	92	193060	50.0	39.2	a
20 N-Methylaniline	106	4.892	4.893	-0.001	71	172607	50.0	45.4	
24 4-Methylphenol	108	4.898	4.898	0.000	73	117640	50.0	48.8	
22 N-Nitrosodi-n-propylamine	70	4.898	4.898	0.000	67	79020	50.0	44.0	
23 3 & 4 Methylphenol	108	4.898	4.898	0.000	71	117640	50.0	48.8	
21 Acetophenone	105	4.898	4.904	-0.006	79	155396	50.0	45.5	
25 Hexachloroethane	117	5.010	5.010	0.000	90	46142	50.0	45.6	
$ 26 Nitrobenzene-d5	82	5.045	5.046	-0.001	90	112266	50.0	40.9	
28 Nitrobenzene	123	5.063	5.063	0.000	85	56622	50.0	47.5	
27 n,n'-Dimethylaniline	120	5.069	5.069	0.000	87	180481	50.0	48.1	
31 Isophorone	82	5.287	5.287	0.000	96	204562	50.0	46.1	
32 2-Nitrophenol	139	5.363	5.363	0.000	90	65656	50.0	51.6	
33 2,4-Dimethylphenol	122	5.404	5.404	0.000	80	108038	50.0	51.2	
34 Bis(2-chloroethoxy)methane	93	5.492	5.493	-0.001	94	125159	50.0	46.9	
35 Benzoic acid	122	5.504	5.510	-0.006	75	68971	50.0	52.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.592	5.593	-0.001	95	106066	50.0	54.1	
37 1,2,4-Trichlorobenzene	180	5.675	5.675	0.000	94	110777	50.0	52.4	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	98	270808	40.0	40.0	
39 Naphthalene	128	5.751	5.751	0.000	99	346094	50.0	50.1	
40 4-Chloroaniline	127	5.798	5.798	0.000	77	113192	50.0	37.5	
130 2,6-Dichlorophenol	162	5.810	5.810	0.000	92	103452	50.0	53.3	
41 Hexachlorobutadiene	225	5.875	5.875	0.000	96	72712	50.0	53.4	
42 Caprolactam	113	6.122	6.122	0.000	85	17604	20.0	32.9	E
43 4-Chloro-3-methylphenol	107	6.257	6.257	0.000	94	99170	50.0	50.9	
44 2-Methylnaphthalene	142	6.404	6.404	0.000	83	240482	50.0	50.5	
45 1-Methylnaphthalene	142	6.498	6.498	0.000	83	220543	50.0	50.5	
46 Hexachlorocyclopentadiene	237	6.563	6.563	0.000	84	95558	50.0	49.5	
47 1,2,4,5-Tetrachlorobenzene	216	6.569	6.563	0.006	97	125550	50.0	51.8	
48 2-tertbutyl-4-methylphenol	149	6.592	6.592	0.000	76	154512	50.0	52.2	
49 2,4,6-Trichlorophenol	196	6.669	6.669	0.000	91	81883	50.0	53.6	
50 2,4,5-Trichlorophenol	196	6.704	6.704	0.000	89	94626	50.0	53.2	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	86	259558	50.0	45.6	
52 1,1'-Biphenyl	154	6.845	6.845	0.000	96	281931	50.0	49.4	
53 2-Chloronaphthalene	162	6.863	6.863	0.000	97	222890	50.0	49.8	
54 Phenyl ether	170	6.939	6.940	-0.001	83	156490	50.0	49.5	
56 2-Nitroaniline	65	6.957	6.957	0.000	97	79531	50.0	45.3	
57 1,3-Dimethylnaphthalene	156	7.069	7.069	0.000	89	181814	50.0	51.1	
58 Dimethyl phthalate	163	7.133	7.134	-0.001	99	259609	50.0	50.2	
59 Coumarin	146	7.151	7.151	0.000	75	86904	50.0	51.0	
60 2,6-Dinitrotoluene	165	7.181	7.187	-0.006	8	58221	50.0	51.5	
61 Acenaphthylene	152	7.251	7.251	0.000	96	363257	50.0	49.9	
64 3-Nitroaniline	138	7.339	7.345	-0.006	94	57991	50.0	44.5	
* 65 Acenaphthene-d10	164	7.386	7.387	-0.001	96	154944	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.410	7.410	0.000	91	203904	50.0	49.0	
67 Acenaphthene	154	7.416	7.416	0.000	94	233544	50.0	49.7	
68 2,4-Dinitrophenol	184	7.439	7.439	-0.001	56	77748	100.0	101.8	a
69 4-Nitrophenol	65	7.504	7.504	0.000	92	93142	100.0	97.6	
70 2,4-Dinitrotoluene	165	7.563	7.563	0.000	93	78469	50.0	51.3	
71 Dibenzofuran	168	7.581	7.581	0.000	92	317819	50.0	50.1	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.698	0.000	96	74176	50.0	51.4	
73 Diethyl phthalate	149	7.798	7.798	0.000	98	256465	50.0	48.9	
74 4-Chlorophenyl phenyl ether	204	7.898	7.898	0.000	75	130377	50.0	51.6	
75 Fluorene	166	7.904	7.904	0.000	83	252641	50.0	50.4	
76 4-Nitroaniline	138	7.922	7.922	0.000	91	64105	50.0	48.6	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.951	0.000	68	95177	100.0	109.6	
78 N-Nitrosodiphenylamine	169	8.010	8.010	0.000	96	185094	50.0	51.6	
79 1,2-Diphenylhydrazine	77	8.051	8.051	0.000	94	216463	50.0	47.3	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	90	63619	50.0	51.6	
81 4-Bromophenyl phenyl ether	248	8.357	8.357	0.000	93	85771	50.0	54.7	
83 Hexachlorobenzene	284	8.428	8.428	0.000	93	113025	50.0	56.3	
84 Atrazine	200	8.516	8.510	0.006	91	44367	20.0	31.0	
85 Pentachlorophenol	266	8.610	8.610	0.000	89	127734	100.0	105.3	
86 Pentachloronitrobenzene	237	8.628	8.622	0.006	92	40180	50.0	51.5	
87 n-Octadecane	57	8.686	8.686	0.000	90	184386	50.0	45.2	
* 88 Phenanthrene-d10	188	8.780	8.781	-0.001	98	281613	40.0	40.0	
89 Phenanthrene	178	8.804	8.798	0.000	97	369987	50.0	50.8	
90 Anthracene	178	8.851	8.851	0.000	97	381134	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	9.004	9.004	0.000	82	342992	50.0	50.2	
92 Di-n-butyl phthalate	149	9.333	9.333	-0.001	100	421728	50.0	49.2	
93 Fluoranthene	202	9.927	9.928	-0.001	98	411208	50.0	50.3	
94 Benzidine	184	10.051	10.046	0.000	99	200201	50.0	40.2	
95 Pyrene	202	10.139	10.134	0.000	97	424246	50.0	53.8	
82 Bisphenol-A	213	10.186	10.181	0.000	83	100398	25.0	27.1	
$ 96 Terphenyl-d14	244	10.292	10.287	0.000	97	353388	50.0	50.6	
97 Butyl benzyl phthalate	149	10.792	10.787	0.000	93	172729	50.0	51.3	
99 Carbamazepine	193	10.910	10.904	0.000	92	164730	50.0	52.3	
100 3,3'-Dichlorobenzidine	252	11.380	11.375	0.000	98	104906	50.0	34.9	
101 Benzo[a]anthracene	228	11.404	11.404	-0.006	98	401347	50.0	50.3	
* 102 Chrysene-d12	240	11.421	11.422	-0.001	97	255692	40.0	40.0	
103 Chrysene	228	11.451	11.445	0.000	95	392600	50.0	52.2	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.451	0.000	84	249605	50.0	50.7	
105 Di-n-octyl phthalate	149	12.298	12.298	0.000	93	427109	50.0	51.4	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	98	412188	50.0	52.7	
107 Benzo[k]fluoranthene	252	12.839	12.821	0.000	99	436499	50.0	54.4	
108 Benzo[a]pyrene	252	13.257	13.257	0.000	97	401281	50.0	54.0	
* 109 Perylene-d12	264	13.333	13.339	-0.006	99	273437	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	99	405344	50.0	52.4	
111 Dibenz(a,h)anthracene	278	14.968	14.974	-0.006	97	431833	50.0	53.6	
112 Benzo[g,h,i]perylene	276	15.380	15.386	-0.006	93	424430	50.0	50.6	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

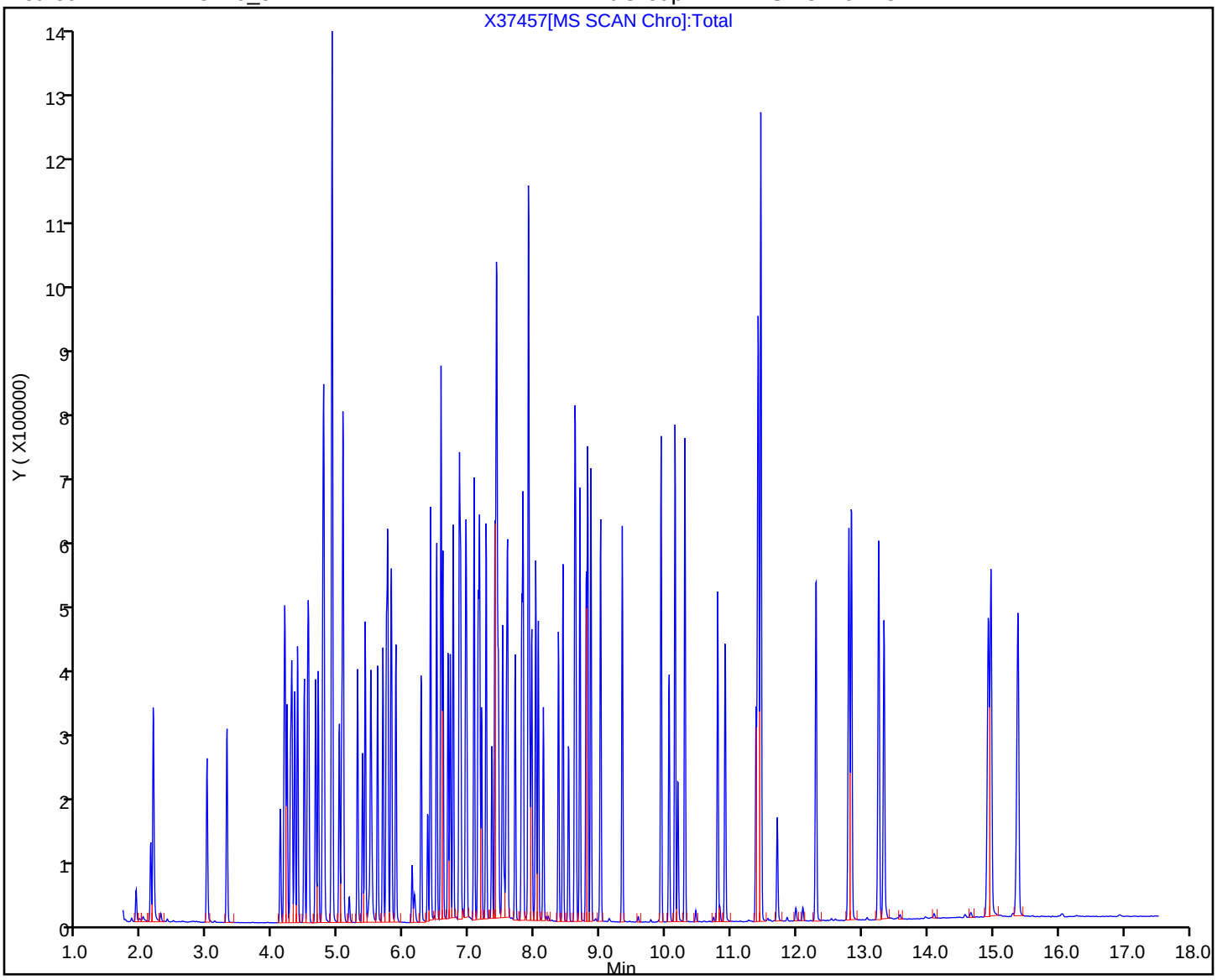
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Nov-2021 14:49:43 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37457.d				
Injection Date:	01-Nov-2021 11:12:30	Instrument ID:	CBNAMS5		
Lims ID:	LCS 460-810548/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

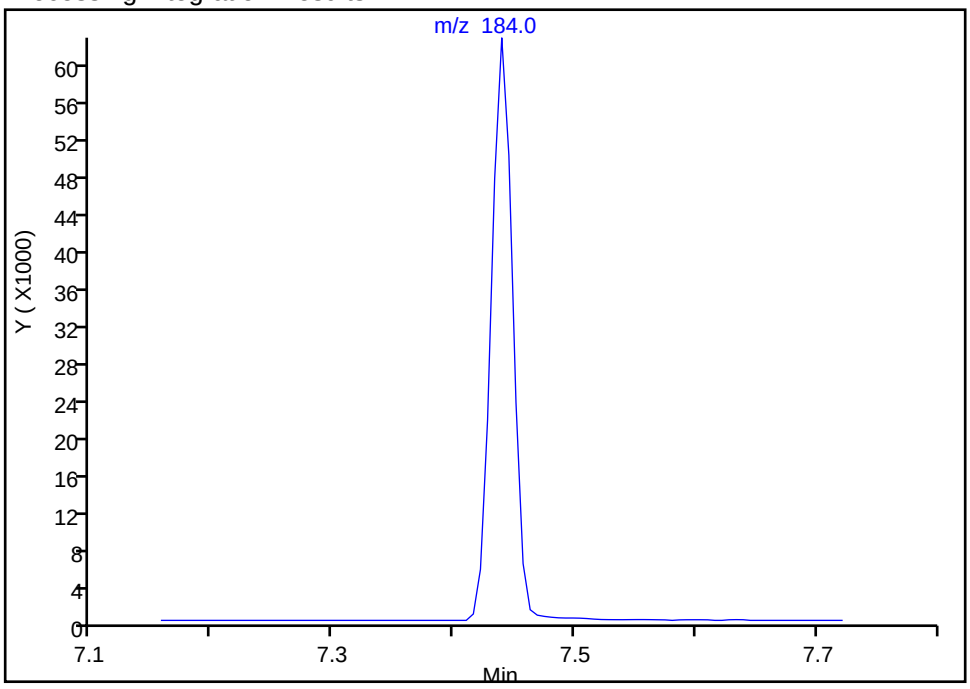
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37457.d
Injection Date: 01-Nov-2021 11:12:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-810548/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

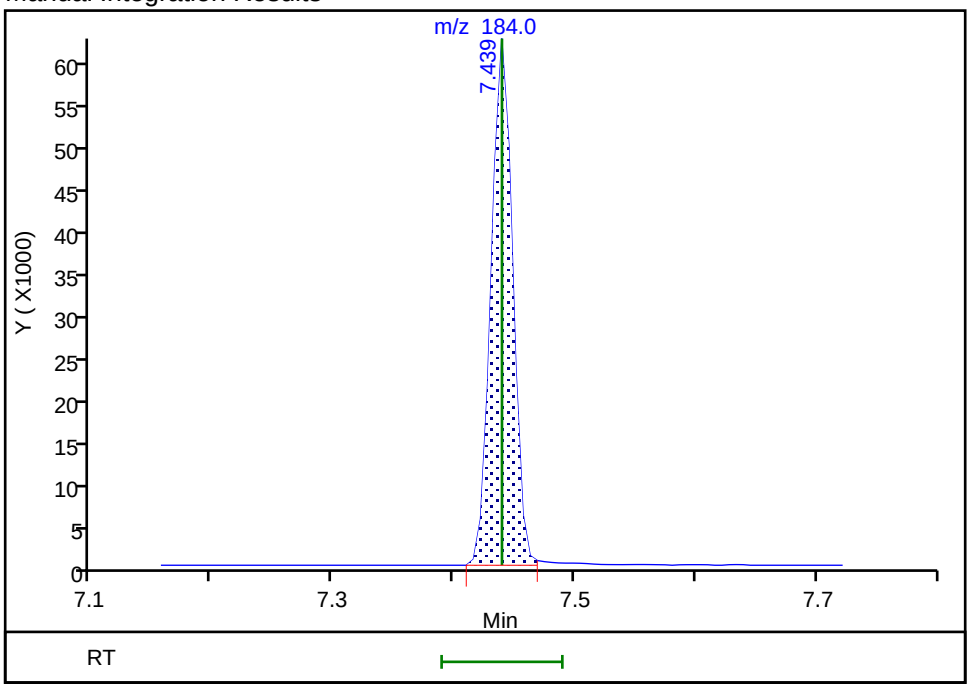
Not Detected
Expected RT: 7.44

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 77748
Amount: 101.7614
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 14:31:46
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

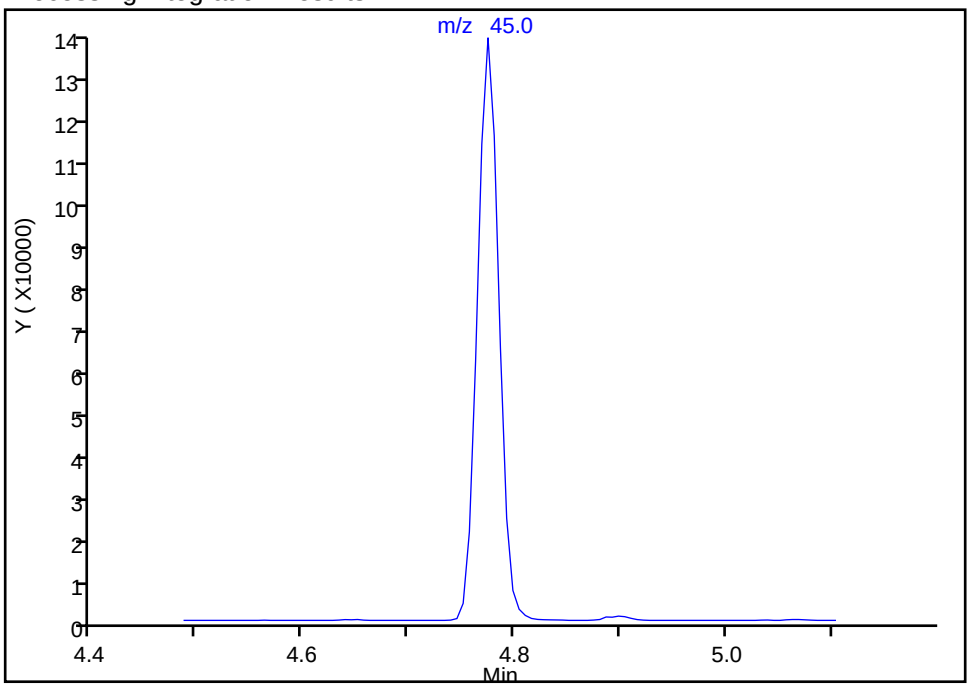
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37457.d
Injection Date: 01-Nov-2021 11:12:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-810548/2-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

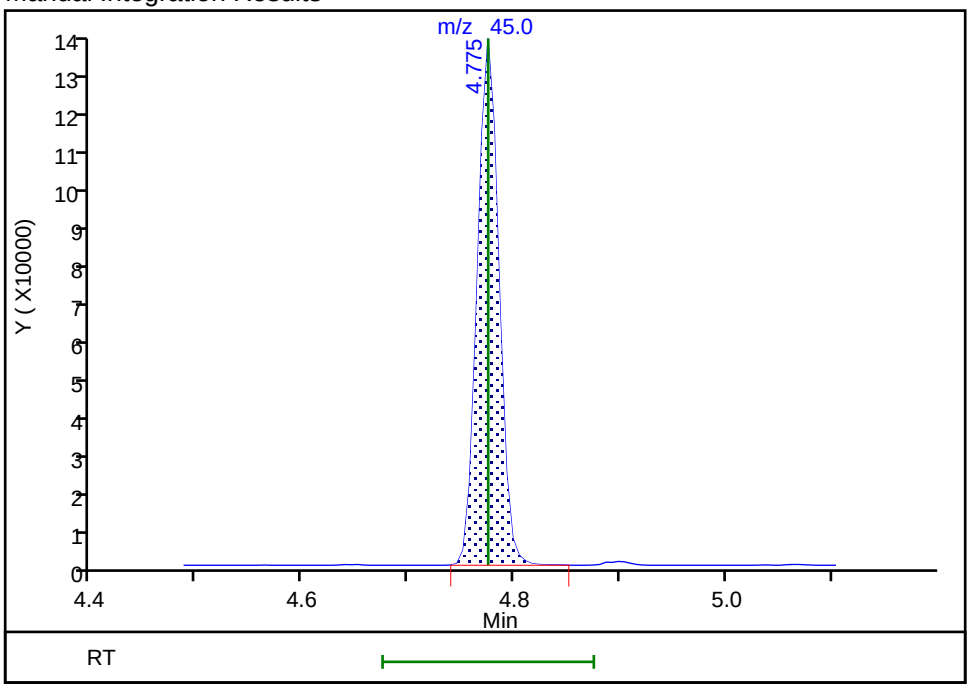
Processing Integration Results

Not Detected
Expected RT: 4.77



Manual Integration Results

RT: 4.77
Area: 193060
Amount: 39.245203
Amount Units: ug/ml



Reviewer: nimerd, 01-Nov-2021 11:34:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810548/3-A

Matrix: Solid Lab File ID: X37458.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3.35		0.33	0.012
95-57-8	2-Chlorophenol	3.42		0.33	0.012
95-48-7	2-Methylphenol	3.30		0.33	0.012
106-44-5	4-Methylphenol	3.27		0.33	0.021
88-75-5	2-Nitrophenol	3.40		0.33	0.033
105-67-9	2,4-Dimethylphenol	3.38		0.33	0.015
120-83-2	2,4-Dichlorophenol	3.58		0.13	0.021
59-50-7	4-Chloro-3-methylphenol	3.33		0.33	0.019
88-06-2	2,4,6-Trichlorophenol	3.59		0.13	0.042
95-95-4	2,4,5-Trichlorophenol	3.55		0.33	0.034
121-14-2	2,4-Dinitrotoluene	3.34		0.067	0.036
100-02-7	4-Nitrophenol	6.41		0.67	0.054
534-52-1	4,6-Dinitro-2-methylphenol	7.35		0.27	0.14
87-86-5	Pentachlorophenol	6.98		0.27	0.068
111-44-4	Bis(2-chloroethyl)ether	3.02		0.033	0.012
541-73-1	1,3-Dichlorobenzene	3.21		0.33	0.0044
106-46-7	1,4-Dichlorobenzene	3.19		0.33	0.013
95-50-1	1,2-Dichlorobenzene	3.26		0.33	0.0056
621-64-7	N-Nitrosodi-n-propylamine	2.89		0.033	0.024
67-72-1	Hexachloroethane	3.17		0.033	0.011
98-95-3	Nitrobenzene	3.22		0.033	0.0079
78-59-1	Isophorone	3.03		0.13	0.096
120-82-1	1,2,4-Trichlorobenzene	3.43		0.033	0.0085
91-20-3	Naphthalene	3.30		0.33	0.0057
87-68-3	Hexachlorobutadiene	3.55		0.067	0.0070
91-57-6	2-Methylnaphthalene	3.32		0.33	0.0093
77-47-4	Hexachlorocyclopentadiene	3.26		0.33	0.029
91-58-7	2-Chloronaphthalene	3.26		0.33	0.015
88-74-4	2-Nitroaniline	2.96		0.33	0.012
131-11-3	Dimethyl phthalate	3.28		0.33	0.075
208-96-8	Acenaphthylene	3.25		0.33	0.0033
606-20-2	2,6-Dinitrotoluene	3.41		0.067	0.024
99-09-2	3-Nitroaniline	2.89		0.33	0.037
83-32-9	Acenaphthene	3.26		0.33	0.0094

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810548/3-A

Matrix: Solid Lab File ID: X37458.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	3.30		0.33	0.0046
51-28-5	2,4-Dinitrophenol	6.65		0.27	0.16
84-66-2	Diethyl phthalate	3.22		0.33	0.0048
7005-72-3	4-Chlorophenyl phenyl ether	3.37		0.33	0.012
86-73-7	Fluorene	3.28		0.33	0.0045
100-01-6	4-Nitroaniline	3.19		0.33	0.038
86-30-6	N-Nitrosodiphenylamine	3.44		0.33	0.027
101-55-3	4-Bromophenyl phenyl ether	3.64		0.33	0.013
118-74-1	Hexachlorobenzene	3.72		0.033	0.016
85-01-8	Phenanthrene	3.35		0.33	0.0058
120-12-7	Anthracene	3.40		0.33	0.010
86-74-8	Carbazole	3.32		0.33	0.013
84-74-2	Di-n-butyl phthalate	3.23		0.33	0.012
206-44-0	Fluoranthene	3.30		0.33	0.012
129-00-0	Pyrene	3.64		0.33	0.0082
85-68-7	Butyl benzyl phthalate	3.46		0.33	0.016
56-55-3	Benzo[a]anthracene	3.39		0.033	0.012
218-01-9	Chrysene	3.50		0.33	0.0056
117-81-7	Bis(2-ethylhexyl) phthalate	3.42		0.33	0.017
117-84-0	Di-n-octyl phthalate	3.43		0.33	0.018
205-99-2	Benzo[b]fluoranthene	3.52		0.033	0.0086
207-08-9	Benzo[k]fluoranthene	3.66		0.033	0.0065
50-32-8	Benzo[a]pyrene	3.58		0.033	0.0088
193-39-5	Indeno[1,2,3-cd]pyrene	3.50		0.033	0.013
53-70-3	Dibenz(a,h)anthracene	3.55		0.033	0.014
191-24-2	Benzo[g,h,i]perylene	3.37		0.33	0.0098
108-60-1	2,2'-oxybis[1-chloropropane]	2.66		0.33	0.0060
91-94-1	3,3'-Dichlorobenzidine	2.37		0.13	0.050
111-91-1	Bis(2-chloroethoxy)methane	3.10		0.33	0.026

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810548/3-A

Matrix: Solid Lab File ID: X37458.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 11:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		11-104
4165-62-2	Phenol-d5	89		15-100
1718-51-0	Terphenyl-d14	102		12-126
118-79-6	2,4,6-Tribromophenol	100		10-123
367-12-4	2-Fluorophenol	93		10-105
321-60-8	2-Fluorobiphenyl	89		14-103

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37458.d
Lims ID: LCSD 460-810548/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Nov-2021 11:36:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136922-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 01-Nov-2021 14:46:07 Calib Date: 29-Oct-2021 14:00:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20211029-136802.b\X37354.d

Column 1 : Det: MS SCAN
Process Host: CTX1685

First Level Reviewer: johnstonm1 Date: 01-Nov-2021 14:33:31

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.905	1.893	0.012	92	20370	50.0	25.2	
2 N-Nitrosodimethylamine	74	2.128	2.116	0.012	78	59845	50.0	42.4	
3 Pyridine	79	2.163	2.157	0.005	76	141852	100.0	65.5	
$ 4 2-Fluorophenol	112	3.293	3.287	0.006	92	112761	50.0	46.4	
5 Benzaldehyde	77	4.104	4.104	0.000	88	45771	20.0	21.0	E
$ 6 Phenol-d5	99	4.169	4.169	0.000	93	131296	50.0	44.5	
7 Phenol	94	4.181	4.181	0.000	98	151737	50.0	50.2	
8 Aniline	93	4.210	4.210	0.000	1	154654	50.0	43.1	
9 Bis(2-chloroethyl)ether	93	4.263	4.263	0.000	87	100545	50.0	45.3	
11 2-Chlorophenol	128	4.328	4.328	0.000	91	129629	50.0	51.4	
12 n-Decane	43	4.369	4.369	0.000	88	128720	50.0	34.0	
13 1,3-Dichlorobenzene	146	4.475	4.475	0.000	96	128282	50.0	48.2	
* 14 1,4-Dichlorobenzene-d4	152	4.522	4.522	0.000	92	71340	40.0	40.0	
15 1,4-Dichlorobenzene	146	4.540	4.540	0.000	94	130559	50.0	47.9	
16 Benzyl alcohol	108	4.646	4.646	0.000	90	76428	50.0	48.1	
17 1,2-Dichlorobenzene	146	4.687	4.687	0.000	91	126120	50.0	48.9	
18 2-Methylphenol	108	4.752	4.751	0.001	85	105791	50.0	49.5	
19 2,2'-oxybis[1-chloropropane]	45	4.775	4.775	0.000	92	194947	50.0	39.9	a
20 N-Methylaniline	106	4.893	4.893	0.000	70	173336	50.0	45.9	
24 4-Methylphenol	108	4.899	4.898	0.001	73	117621	50.0	49.0	
22 N-Nitrosodi-n-propylamine	70	4.899	4.898	0.001	66	77555	50.0	43.4	
23 3 & 4 Methylphenol	108	4.899	4.898	0.001	72	117621	50.0	49.0	
21 Acetophenone	105	4.899	4.904	-0.005	80	156151	50.0	46.0	
25 Hexachloroethane	117	5.010	5.010	0.000	90	47815	50.0	47.5	
$ 26 Nitrobenzene-d5	82	5.046	5.046	0.000	90	113274	50.0	40.6	
28 Nitrobenzene	123	5.063	5.063	0.000	85	57207	50.0	48.3	
27 n,n'-Dimethylaniline	120	5.069	5.069	0.000	87	180659	50.0	48.4	
31 Isophorone	82	5.287	5.287	0.000	96	204447	50.0	45.4	
32 2-Nitrophenol	139	5.363	5.363	0.000	89	65975	50.0	51.0	
33 2,4-Dimethylphenol	122	5.404	5.404	0.000	80	108754	50.0	50.7	
34 Bis(2-chloroethoxy)methane	93	5.493	5.493	0.000	94	125896	50.0	46.5	
35 Benzoic acid	122	5.504	5.510	-0.006	74	69496	50.0	51.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	5.593	5.593	0.000	95	106859	50.0	53.7	
37 1,2,4-Trichlorobenzene	180	5.675	5.675	0.000	92	110433	50.0	51.4	
* 38 Naphthalene-d8	136	5.728	5.728	0.000	99	275108	40.0	40.0	
39 Naphthalene	128	5.751	5.751	0.000	99	347699	50.0	49.5	
40 4-Chloroaniline	127	5.799	5.798	0.000	77	113289	50.0	37.0	
130 2,6-Dichlorophenol	162	5.810	5.810	0.000	92	103712	50.0	52.6	
41 Hexachlorobutadiene	225	5.875	5.875	0.000	97	73626	50.0	53.2	
42 Caprolactam	113	6.122	6.122	0.000	86	17498	20.0	31.9	M
43 4-Chloro-3-methylphenol	107	6.257	6.257	0.000	94	98824	50.0	49.9	
44 2-Methylnaphthalene	142	6.404	6.404	0.000	79	240988	50.0	49.8	
45 1-Methylnaphthalene	142	6.498	6.498	0.000	82	221099	50.0	49.9	
46 Hexachlorocyclopentadiene	237	6.563	6.563	0.000	83	95978	50.0	48.9	
47 1,2,4,5-Tetrachlorobenzene	216	6.563	6.563	0.000	96	123219	50.0	49.9	
48 2-tertbutyl-4-methylphenol	149	6.593	6.592	0.001	76	154431	50.0	51.4	
49 2,4,6-Trichlorophenol	196	6.669	6.669	0.000	91	83589	50.0	53.8	
50 2,4,5-Trichlorophenol	196	6.704	6.704	0.000	89	96300	50.0	53.2	
$ 51 2-Fluorobiphenyl	172	6.751	6.751	0.000	94	258168	50.0	44.6	
52 1,1'-Biphenyl	154	6.845	6.845	0.000	96	280680	50.0	48.3	
53 2-Chloronaphthalene	162	6.863	6.863	0.000	97	222628	50.0	48.9	
54 Phenyl ether	170	6.940	6.940	0.000	84	157112	50.0	48.8	
56 2-Nitroaniline	65	6.957	6.957	0.000	97	79314	50.0	44.4	
57 1,3-Dimethylnaphthalene	156	7.069	7.069	0.000	89	184065	50.0	50.9	
58 Dimethyl phthalate	163	7.134	7.134	0.000	99	258472	50.0	49.1	
59 Coumarin	146	7.151	7.151	0.000	74	88038	50.0	50.8	
60 2,6-Dinitrotoluene	165	7.187	7.187	0.000	4	58805	50.0	51.1	
61 Acenaphthylene	152	7.251	7.251	0.000	96	361078	50.0	48.7	
64 3-Nitroaniline	138	7.340	7.345	-0.005	93	57413	50.0	43.3	
* 65 Acenaphthene-d10	164	7.387	7.387	0.000	96	157704	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	7.410	7.410	0.000	90	205975	50.0	48.6	
67 Acenaphthene	154	7.416	7.416	0.000	94	233830	50.0	48.9	
68 2,4-Dinitrophenol	184	7.440	7.439	0.000	57	77515	100.0	99.7	a
69 4-Nitrophenol	65	7.504	7.504	0.000	92	93377	100.0	96.2	
70 2,4-Dinitrotoluene	165	7.563	7.563	0.000	93	77903	50.0	50.1	
71 Dibenzofuran	168	7.581	7.581	0.000	91	319753	50.0	49.6	
72 2,3,4,6-Tetrachlorophenol	232	7.698	7.698	0.000	96	75322	50.0	51.3	
73 Diethyl phthalate	149	7.798	7.798	0.000	98	257912	50.0	48.3	
74 4-Chlorophenyl phenyl ether	204	7.898	7.898	0.000	75	129849	50.0	50.5	
75 Fluorene	166	7.904	7.904	0.000	83	251393	50.0	49.3	
76 4-Nitroaniline	138	7.922	7.922	0.000	91	64329	50.0	47.9	
77 4,6-Dinitro-2-methylphenol	198	7.951	7.951	0.000	69	96540	100.0	110.3	
78 N-Nitrosodiphenylamine	169	8.010	8.010	0.000	97	186468	50.0	51.5	
79 1,2-Diphenylhydrazine	77	8.051	8.051	0.000	93	218412	50.0	47.3	
$ 80 2,4,6-Tribromophenol	330	8.128	8.128	0.000	89	62938	50.0	50.1	
81 4-Bromophenyl phenyl ether	248	8.357	8.357	0.000	93	86266	50.0	54.5	
83 Hexachlorobenzene	284	8.428	8.428	0.000	92	112936	50.0	55.8	
84 Atrazine	200	8.516	8.510	0.006	91	44928	20.0	31.1	
85 Pentachlorophenol	266	8.610	8.610	0.000	90	128129	100.0	104.7	
86 Pentachloronitrobenzene	237	8.622	8.622	0.000	81	40831	50.0	51.9	
87 n-Octadecane	57	8.687	8.686	0.001	90	181108	50.0	44.0	
* 88 Phenanthrene-d10	188	8.781	8.781	0.000	98	283885	40.0	40.0	
89 Phenanthrene	178	8.804	8.798	0.000	97	369279	50.0	50.3	
90 Anthracene	178	8.851	8.851	0.000	98	384525	50.0	51.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Carbazole	167	9.004	9.004	0.000	82	343249	50.0	49.8	
92 Di-n-butyl phthalate	149	9.334	9.333	0.000	100	419457	50.0	48.5	
93 Fluoranthene	202	9.928	9.928	0.000	98	408792	50.0	49.6	
94 Benzidine	184	10.051	10.046	0.000	99	198076	50.0	39.5	
95 Pyrene	202	10.139	10.134	0.000	97	424012	50.0	54.6	
82 Bisphenol-A	213	10.186	10.181	0.000	83	101268	25.0	27.8	
$ 96 Terphenyl-d14	244	10.292	10.287	0.000	98	349230	50.0	50.8	
97 Butyl benzyl phthalate	149	10.792	10.787	0.000	93	171696	50.0	51.8	
99 Carbamazepine	193	10.910	10.904	0.000	92	165845	50.0	53.5	
100 3,3'-Dichlorobenzidine	252	11.380	11.375	0.000	98	104985	50.0	35.5	
101 Benzo[a]anthracene	228	11.404	11.404	-0.006	98	398715	50.0	50.8	
* 102 Chrysene-d12	240	11.422	11.422	0.000	97	251618	40.0	40.0	
103 Chrysene	228	11.451	11.445	0.000	95	387819	50.0	52.4	
104 Bis(2-ethylhexyl) phthalate	149	11.457	11.451	0.000	84	248465	50.0	51.3	
105 Di-n-octyl phthalate	149	12.298	12.298	0.000	96	425198	50.0	51.5	
106 Benzo[b]fluoranthene	252	12.798	12.798	0.000	97	409868	50.0	52.8	
107 Benzo[k]fluoranthene	252	12.839	12.821	0.000	99	436923	50.0	54.8	
108 Benzo[a]pyrene	252	13.257	13.257	0.000	97	396364	50.0	53.7	
* 109 Perylene-d12	264	13.333	13.339	-0.006	99	271689	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.927	14.933	-0.006	99	403373	50.0	52.5	
111 Dibenz(a,h)anthracene	278	14.968	14.974	-0.006	97	426157	50.0	53.3	
112 Benzo[g,h,i]perylene	276	15.380	15.386	-0.006	91	421063	50.0	50.6	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

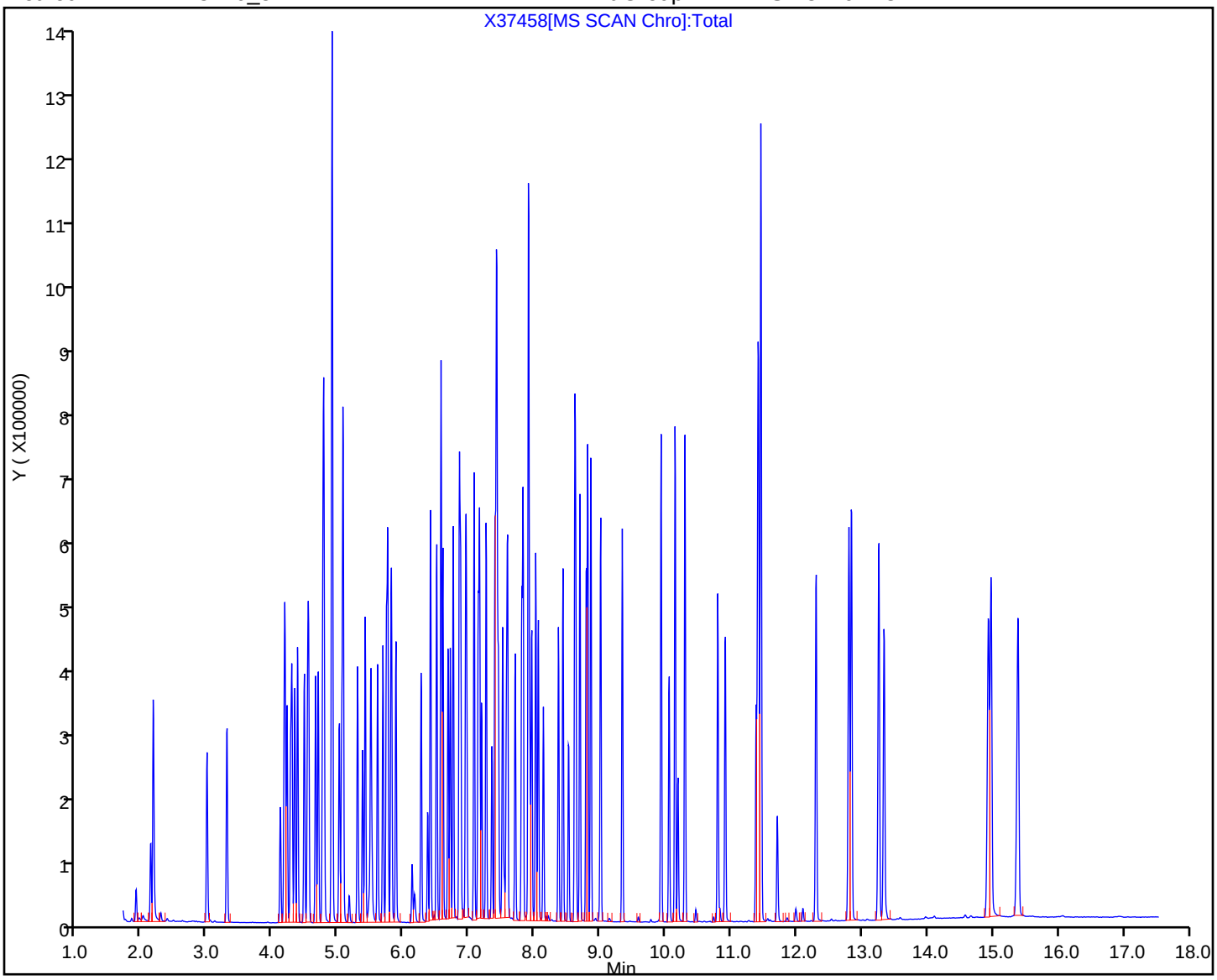
Reagents:

SM_ISTD_00196 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 01-Nov-2021 14:49:45 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37458.d				
Injection Date:	01-Nov-2021 11:36:30	Instrument ID:	CBNAMS5		
Lims ID:	LCSD 460-810548/3-A				
Client ID:					
Operator ID:		ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_5R	Limit Group:	SV 8270E ICAL		



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

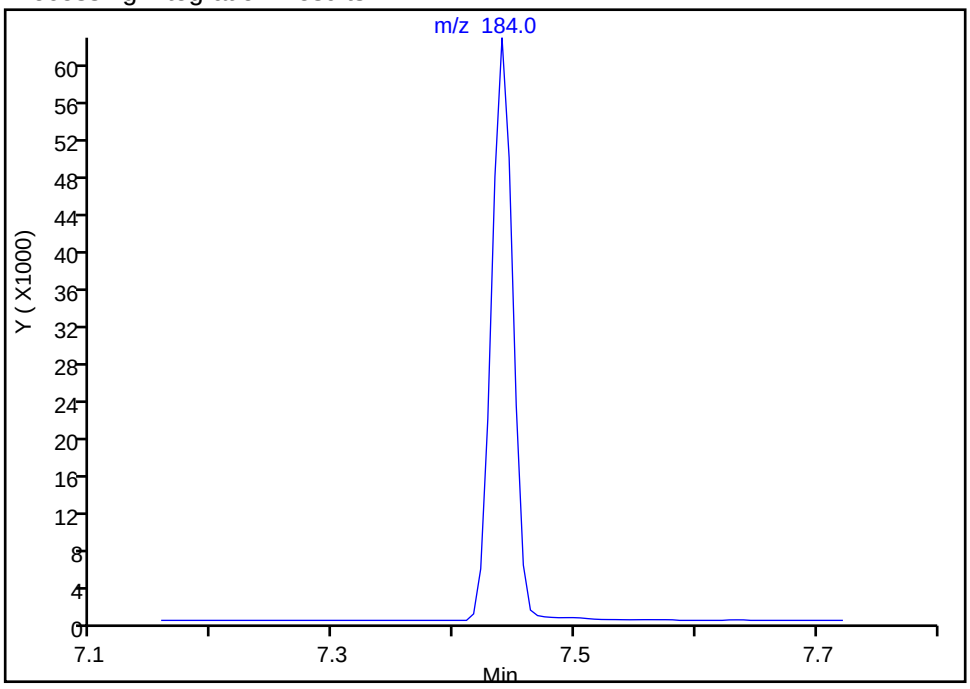
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37458.d
Injection Date: 01-Nov-2021 11:36:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-810548/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

68 2,4-Dinitrophenol, CAS: 51-28-5

Signal: 1

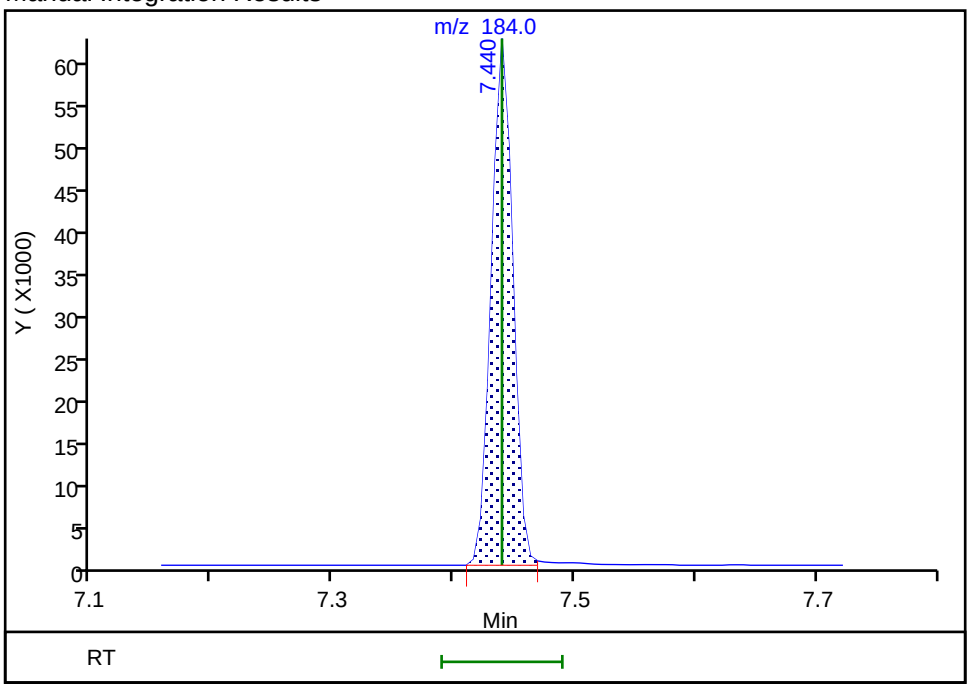
Not Detected
Expected RT: 7.44

Processing Integration Results



Manual Integration Results

RT: 7.44
Area: 77515
Amount: 99.740909
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 14:32:51
Audit Action: Assigned Compound ID Audit Reason: Poor chromatography

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

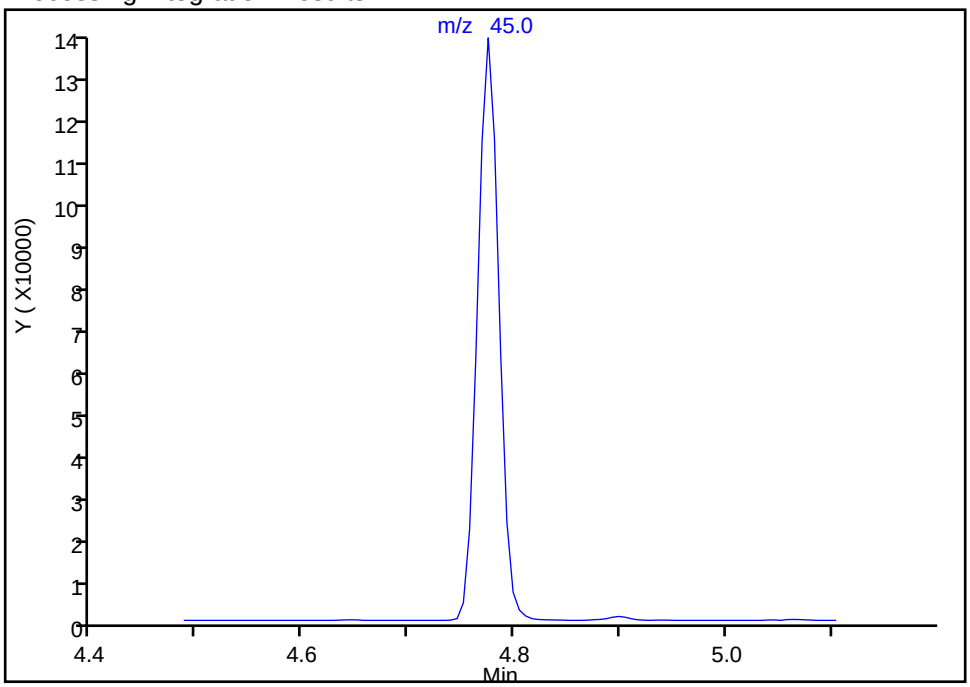
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20211101-136922.b\X37458.d
Injection Date: 01-Nov-2021 11:36:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-810548/3-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Detector MS SCAN

19 2,2'-oxybis[1-chloropropane], CAS: 108-60-1

Signal: 1

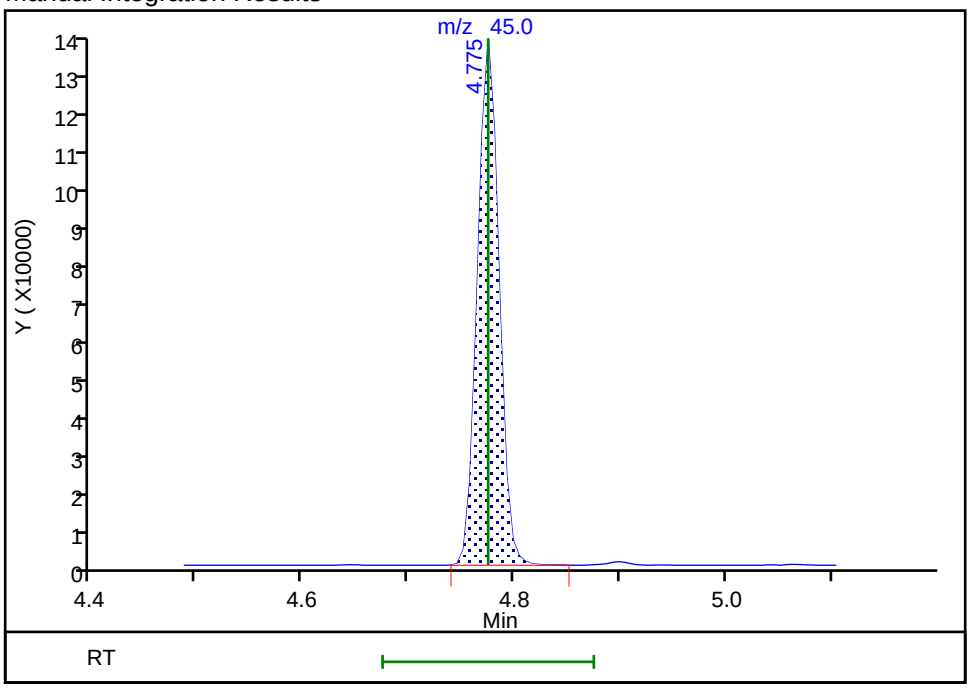
Not Detected
Expected RT: 4.77

Processing Integration Results



Manual Integration Results

RT: 4.78
Area: 194947
Amount: 39.854877
Amount Units: ug/ml



Reviewer: johnstonm1, 01-Nov-2021 14:32:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-D MS

Matrix: Solid Lab File ID: X37461.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 12:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2.99		0.37	0.014
95-57-8	2-Chlorophenol	3.11		0.37	0.013
95-48-7	2-Methylphenol	3.02		0.37	0.014
106-44-5	4-Methylphenol	2.98		0.37	0.023
88-75-5	2-Nitrophenol	3.08		0.37	0.038
105-67-9	2,4-Dimethylphenol	3.15		0.37	0.016
120-83-2	2,4-Dichlorophenol	3.33		0.15	0.024
59-50-7	4-Chloro-3-methylphenol	3.09		0.37	0.021
88-06-2	2,4,6-Trichlorophenol	3.35		0.15	0.048
95-95-4	2,4,5-Trichlorophenol	3.26		0.37	0.038
121-14-2	2,4-Dinitrotoluene	3.05		0.076	0.040
100-02-7	4-Nitrophenol	5.97		0.76	0.061
534-52-1	4,6-Dinitro-2-methylphenol	3.91		0.30	0.15
87-86-5	Pentachlorophenol	6.29		0.30	0.077
111-44-4	Bis(2-chloroethyl)ether	2.58		0.037	0.013
541-73-1	1,3-Dichlorobenzene	1.90		0.37	0.0050
106-46-7	1,4-Dichlorobenzene	2.02		0.37	0.014
95-50-1	1,2-Dichlorobenzene	2.24		0.37	0.0064
621-64-7	N-Nitrosodi-n-propylamine	2.65		0.037	0.027
67-72-1	Hexachloroethane	1.80		0.037	0.013
98-95-3	Nitrobenzene	2.86		0.037	0.0090
78-59-1	Isophorone	2.78		0.15	0.11
120-82-1	1,2,4-Trichlorobenzene	2.66		0.037	0.0096
91-20-3	Naphthalene	2.78		0.37	0.0065
87-68-3	Hexachlorobutadiene	2.41		0.076	0.0080
91-57-6	2-Methylnaphthalene	2.85		0.37	0.010
77-47-4	Hexachlorocyclopentadiene	2.50		0.37	0.033
91-58-7	2-Chloronaphthalene	2.95		0.37	0.017
88-74-4	2-Nitroaniline	2.79		0.37	0.014
131-11-3	Dimethyl phthalate	3.08		0.37	0.085
208-96-8	Acenaphthylene	2.99		0.37	0.0038
606-20-2	2,6-Dinitrotoluene	3.13		0.076	0.027
99-09-2	3-Nitroaniline	2.91		0.37	0.042
83-32-9	Acenaphthene	2.62		0.37	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-D MS

Matrix: Solid Lab File ID: X37461.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 12:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	2.98		0.37	0.0053
51-28-5	2,4-Dinitrophenol	1.35		0.30	0.18
84-66-2	Diethyl phthalate	3.01		0.37	0.0054
7005-72-3	4-Chlorophenyl phenyl ether	3.00		0.37	0.013
86-73-7	Fluorene	2.96		0.37	0.0051
100-01-6	4-Nitroaniline	2.94		0.37	0.043
86-30-6	N-Nitrosodiphenylamine	3.12		0.37	0.031
101-55-3	4-Bromophenyl phenyl ether	3.24		0.37	0.015
118-74-1	Hexachlorobenzene	3.10		0.037	0.018
85-01-8	Phenanthrene	3.06		0.37	0.0066
120-12-7	Anthracene	3.03		0.37	0.011
86-74-8	Carbazole	3.08		0.37	0.014
84-74-2	Di-n-butyl phthalate	2.89		0.37	0.014
206-44-0	Fluoranthene	2.98		0.37	0.013
129-00-0	Pyrene	3.09		0.37	0.0093
85-68-7	Butyl benzyl phthalate	2.95		0.37	0.018
56-55-3	Benzo[a]anthracene	2.86		0.037	0.013
218-01-9	Chrysene	2.98		0.37	0.0063
117-81-7	Bis(2-ethylhexyl) phthalate	2.76		0.37	0.020
117-84-0	Di-n-octyl phthalate	2.67		0.37	0.020
205-99-2	Benzo[b]fluoranthene	2.91		0.037	0.0097
207-08-9	Benzo[k]fluoranthene	3.12		0.037	0.0074
50-32-8	Benzo[a]pyrene	3.06		0.037	0.010
193-39-5	Indeno[1,2,3-cd]pyrene	2.99		0.037	0.015
53-70-3	Dibenz(a,h)anthracene	2.94		0.037	0.016
191-24-2	Benzo[g,h,i]perylene	2.83		0.37	0.011
108-60-1	2,2'-oxybis[1-chloropropane]	2.19		0.37	0.0068
91-94-1	3,3'-Dichlorobenzidine	2.92		0.15	0.057
111-91-1	Bis(2-chloroethoxy)methane	2.87		0.37	0.029

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-D MS

Matrix: Solid Lab File ID: X37461.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 12:46

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	65		11-104
4165-62-2	Phenol-d5	73		15-100
1718-51-0	Terphenyl-d14	75		12-126
118-79-6	2,4,6-Tribromophenol	84		10-123
367-12-4	2-Fluorophenol	77		10-105
321-60-8	2-Fluorobiphenyl	73		14-103

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-E MSD

Matrix: Solid Lab File ID: X37462.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 13:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	2.76		0.37	0.014
95-57-8	2-Chlorophenol	2.92		0.37	0.013
95-48-7	2-Methylphenol	2.85		0.37	0.014
106-44-5	4-Methylphenol	2.76		0.37	0.023
88-75-5	2-Nitrophenol	2.97		0.37	0.038
105-67-9	2,4-Dimethylphenol	2.99		0.37	0.016
120-83-2	2,4-Dichlorophenol	3.23		0.15	0.024
59-50-7	4-Chloro-3-methylphenol	2.96		0.37	0.021
88-06-2	2,4,6-Trichlorophenol	3.15		0.15	0.048
95-95-4	2,4,5-Trichlorophenol	3.05		0.37	0.038
121-14-2	2,4-Dinitrotoluene	2.83		0.076	0.040
100-02-7	4-Nitrophenol	5.29		0.76	0.061
534-52-1	4,6-Dinitro-2-methylphenol	2.01		0.30	0.15
87-86-5	Pentachlorophenol	5.15		0.30	0.077
111-44-4	Bis(2-chloroethyl)ether	2.44		0.037	0.013
541-73-1	1,3-Dichlorobenzene	1.91		0.37	0.0050
106-46-7	1,4-Dichlorobenzene	2.00		0.37	0.014
95-50-1	1,2-Dichlorobenzene	2.21		0.37	0.0064
621-64-7	N-Nitrosodi-n-propylamine	2.49		0.037	0.027
67-72-1	Hexachloroethane	1.79		0.037	0.013
98-95-3	Nitrobenzene	2.69		0.037	0.0090
78-59-1	Isophorone	2.62		0.15	0.11
120-82-1	1,2,4-Trichlorobenzene	2.64		0.037	0.0096
91-20-3	Naphthalene	2.69		0.37	0.0065
87-68-3	Hexachlorobutadiene	2.41		0.076	0.0080
91-57-6	2-Methylnaphthalene	2.81		0.37	0.010
77-47-4	Hexachlorocyclopentadiene	2.43		0.37	0.033
91-58-7	2-Chloronaphthalene	2.79		0.37	0.017
88-74-4	2-Nitroaniline	2.55		0.37	0.014
131-11-3	Dimethyl phthalate	2.76		0.37	0.085
208-96-8	Acenaphthylene	2.81		0.37	0.0038
606-20-2	2,6-Dinitrotoluene	2.91		0.076	0.027
99-09-2	3-Nitroaniline	2.66		0.37	0.042
83-32-9	Acenaphthene	2.39		0.37	0.011

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-E MSD

Matrix: Solid Lab File ID: X37462.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 13:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
132-64-9	Dibenzofuran	2.82		0.37	0.0053
51-28-5	2,4-Dinitrophenol	0.891		0.30	0.18
84-66-2	Diethyl phthalate	2.78		0.37	0.0054
7005-72-3	4-Chlorophenyl phenyl ether	2.82		0.37	0.013
86-73-7	Fluorene	2.79		0.37	0.0051
100-01-6	4-Nitroaniline	2.63		0.37	0.043
86-30-6	N-Nitrosodiphenylamine	2.96		0.37	0.031
101-55-3	4-Bromophenyl phenyl ether	3.01		0.37	0.015
118-74-1	Hexachlorobenzene	2.90		0.037	0.018
85-01-8	Phenanthrene	2.80		0.37	0.0066
120-12-7	Anthracene	2.85		0.37	0.011
86-74-8	Carbazole	2.83		0.37	0.014
84-74-2	Di-n-butyl phthalate	2.74		0.37	0.014
206-44-0	Fluoranthene	2.78		0.37	0.013
129-00-0	Pyrene	2.87		0.37	0.0093
85-68-7	Butyl benzyl phthalate	2.78		0.37	0.018
56-55-3	Benzo[a]anthracene	2.69		0.037	0.013
218-01-9	Chrysene	2.67		0.37	0.0063
117-81-7	Bis(2-ethylhexyl) phthalate	2.54		0.37	0.020
117-84-0	Di-n-octyl phthalate	2.58		0.37	0.020
205-99-2	Benzo[b]fluoranthene	2.92		0.037	0.0097
207-08-9	Benzo[k]fluoranthene	2.80		0.037	0.0074
50-32-8	Benzo[a]pyrene	2.87		0.037	0.010
193-39-5	Indeno[1,2,3-cd]pyrene	2.77		0.037	0.015
53-70-3	Dibenz(a,h)anthracene	2.78		0.037	0.016
191-24-2	Benzo[g,h,i]perylene	2.65		0.37	0.011
108-60-1	2,2'-oxybis[1-chloropropane]	2.08		0.37	0.0068
91-94-1	3,3'-Dichlorobenzidine	2.76		0.15	0.057
111-91-1	Bis(2-chloroethoxy)methane	2.78		0.37	0.029

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: 460-246194-A-1-E MSD

Matrix: Solid Lab File ID: X37462.d

Analysis Method: 8270E Date Collected:

Extract. Method: 3546 Date Extracted: 10/31/2021 17:38

Sample wt/vol: 15(g) Date Analyzed: 11/01/2021 13:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810633 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	61		11-104
4165-62-2	Phenol-d5	65		15-100
1718-51-0	Terphenyl-d14	70		12-126
118-79-6	2,4,6-Tribromophenol	77		10-123
367-12-4	2-Fluorophenol	68		10-105
321-60-8	2-Fluorobiphenyl	66		14-103

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 10/12/2021 10:16

Analysis Batch Number: 806532 End Date: 10/12/2021 12:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-806532/1		10/12/2021 10:16	1	f455715.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-806532/2		10/12/2021 10:24	1	f455716.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-806532/3 IC		10/12/2021 10:41	1	f455717.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-806532/4 IC		10/12/2021 10:58	1	f455718.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-806532/5 IC		10/12/2021 11:16	1	f455719.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-806532/6 IC		10/12/2021 11:33	1	f455720.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-806532/7 IC		10/12/2021 11:50	1	f455721.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-806532/8 IC		10/12/2021 12:07	1	f455722.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-806532/9 IC		10/12/2021 12:24	1	f455723.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-806532/10 IC		10/12/2021 12:42	1	f455724.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-806532/11		10/12/2021 12:59	1	f455725.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 11/02/2021 09:37

Analysis Batch Number: 810823 End Date: 11/02/2021 21:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-810823/2		11/02/2021 09:37	1	f456458.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 10:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 10:28	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 10:45	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 11:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 11:20	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 11:37	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 11:54	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 12:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 12:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 14:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 14:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 15:03	1		Rtxi-5Sil MS 0.25(mm)
460-246210-2	SB-2	11/02/2021 15:20	1	f456478.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 15:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 15:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 16:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 16:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 17:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 17:21	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 17:38	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 18:12	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 18:30	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 18:47	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 19:04	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 19:21	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 19:39	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 19:56	50		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 20:13	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 20:30	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 20:47	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/02/2021 21:05	250		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 10/29/2021 10:38

Analysis Batch Number: 810116 End Date: 10/30/2021 01:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-810116/1		10/29/2021 10:38	1	X37345.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-810116/2		10/29/2021 10:55	1	X37346.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-810116/3 IC		10/29/2021 11:18	1	X37347.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-810116/4 IC		10/29/2021 11:41	1	X37348.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-810116/5 IC		10/29/2021 12:04	1	X37349.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-810116/6 IC		10/29/2021 12:27	1	X37350.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-810116/7 IC		10/29/2021 12:50	1	X37351.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-810116/8 IC		10/29/2021 13:13	1	X37352.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-810116/9 IC		10/29/2021 13:36	1	X37353.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-810116/10 IC		10/29/2021 14:00	1	X37354.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-810116/11		10/29/2021 14:23	1	X37355.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 14:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 15:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 15:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 15:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 16:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 16:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 17:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 17:29	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 17:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 18:16	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 18:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 19:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 19:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 19:50	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 20:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 20:36	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 20:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 21:22	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 21:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 22:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 22:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 22:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 23:19	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/29/2021 23:43	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2021 00:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2021 00:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2021 00:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2021 01:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		10/30/2021 01:40	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 11/01/2021 10:03

Analysis Batch Number: 810633 End Date: 11/01/2021 20:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-810633/2		11/01/2021 10:03	1	X37454.d	Rtxi-5Sil MS 0.25(mm)
MB 460-810548/1-A		11/01/2021 10:49	1	X37456.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-810548/2-A		11/01/2021 11:12	1	X37457.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-810548/3-A		11/01/2021 11:36	1	X37458.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 11:59	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 12:23	1		Rtxi-5Sil MS 0.25(mm)
460-246194-A-1-D MS		11/01/2021 12:46	1	X37461.d	Rtxi-5Sil MS 0.25(mm)
460-246194-A-1-E MSD		11/01/2021 13:10	1	X37462.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 13:57	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 14:20	1		Rtxi-5Sil MS 0.25(mm)
460-246210-1	SB-1	11/01/2021 14:43	1	X37466.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 15:06	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 15:30	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 15:53	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 16:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 16:40	1		Rtxi-5Sil MS 0.25(mm)
460-246210-8	HA-6	11/01/2021 17:25	1	X37473.d	Rtxi-5Sil MS 0.25(mm)
460-246210-9	HA-7	11/01/2021 17:48	1	X37474.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 18:12	1		Rtxi-5Sil MS 0.25(mm)
460-246210-3	HA-1	11/01/2021 18:36	1	X37476.d	Rtxi-5Sil MS 0.25(mm)
460-246210-4	HA-2	11/01/2021 18:59	1	X37477.d	Rtxi-5Sil MS 0.25(mm)
460-246210-5	HA-3	11/01/2021 19:23	1	X37478.d	Rtxi-5Sil MS 0.25(mm)
460-246210-6	HA-4	11/01/2021 19:47	1	X37479.d	Rtxi-5Sil MS 0.25(mm)
460-246210-7	HA-5	11/01/2021 20:10	1	X37480.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 20:33	2		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		11/01/2021 20:57	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810548 Batch Start Date: 10/31/21 17:38 Batch Analyst: Kurilla, Stephen L

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00017	OP_BNA SPIK 00042	OP_BNASurroga 00022	
MB 460-810548/1		3546, 8270E		15 g	1 mL			500 uL	
LCS 460-810548/2		3546, 8270E		15 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-810548/3		3546, 8270E		15 g	1 mL	10 uL	500 uL	500 uL	
460-246194-A-1 MS		3546, 8270E	T	15 g	1 mL	10 uL	500 uL	500 uL	
460-246194-A-1 MSD		3546, 8270E	T	15 g	1 mL	10 uL	500 uL	500 uL	
460-246210-F-1	SB-1	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-2	SB-2	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-3	HA-1	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-4	HA-2	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-E-5	HA-3	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-6	HA-4	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-7	HA-5	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-E-8	HA-6	3546, 8270E	T	15 g	1 mL			500 uL	
460-246210-F-9	HA-7	3546, 8270E	T	15 g	1 mL			500 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Batch Number: 810548 Batch Start Date: 10/31/21 17:38 Batch Analyst: Kurilla, Stephen L

Batch Method: 3546 Batch End Date:

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	34
Microwave Oven ID	MD-5095
Analyst ID - Extraction	SK
Blank Matrix ID	181427
Analyst ID - Spike Analyst	SK
Prep Solvent ID	Dichloromethane: 288389 & Acetone: 283090
Na2SO4 ID	206606
Analyst ID - Concentration	SK
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21036163
Batch Comment	BNA Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8081B

Organochlorine Pesticides by Gas Chromatography

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
SB-1	460-246210-1	30	29	79	95
SB-2	460-246210-2	35	20	75	90
HA-1	460-246210-3	43	41	77	95
HA-2	460-246210-4	38	35	74	113
HA-3	460-246210-5	56	54	94	118
HA-4	460-246210-6	35	33	76	93
HA-5	460-246210-7	40	37	79	92
HA-6	460-246210-8	51	49	84	87
HA-7	460-246210-9	54	42	70	86
	MB 460-810508/1-A	81	81	87	105
	LCS 460-810508/2-A	72	68	67	84
	LCSD 460-810508/3-A	75	72	72	89

	QC LIMITS
TCX = Tetrachloro-m-xylene	10-133
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0032132.D

Lab ID: LCS 460-810508/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	0.133	0.130	97	74-140	
Aldrin	0.133	0.134	100	74-140	
alpha-BHC	0.133	0.134	100	72-142	
alpha-BHC	0.133	0.138	103	72-142	
beta-BHC	0.133	0.142	106	65-137	
beta-BHC	0.133	0.144	108	65-137	
delta-BHC	0.133	0.152	114	70-143	
delta-BHC	0.133	0.160	120	70-143	
gamma-BHC (Lindane)	0.133	0.137	102	70-134	
gamma-BHC (Lindane)	0.133	0.140	105	70-134	
4,4'-DDD	0.133	0.141	106	70-140	
4,4'-DDD	0.133	0.137	103	70-140	
4,4'-DDE	0.133	0.131	98	71-137	
4,4'-DDE	0.133	0.133	100	71-137	
4,4'-DDT	0.133	0.142	107	63-131	
4,4'-DDT	0.133	0.138	104	63-131	
Dieldrin	0.133	0.135	102	70-135	
Dieldrin	0.133	0.134	101	70-135	
Endosulfan I	0.133	0.132	99	68-135	
Endosulfan I	0.133	0.131	98	68-135	
Endosulfan II	0.133	0.138	104	64-130	
Endosulfan II	0.133	0.131	98	64-130	
Endosulfan sulfate	0.133	0.153	115	66-143	
Endosulfan sulfate	0.133	0.136	102	66-143	
Endrin	0.133	0.133	99	68-136	
Endrin	0.133	0.133	99	68-136	
Endrin aldehyde	0.133	0.146	110	68-132	
Endrin aldehyde	0.133	0.130	98	68-132	
Endrin ketone	0.133	0.179	134	60-150	
Endrin ketone	0.133	0.157	118	60-150	
Heptachlor	0.133	0.134	100	69-134	
Heptachlor	0.133	0.139	104	69-134	
Heptachlor epoxide	0.133	0.131	98	70-135	
Heptachlor epoxide	0.133	0.130	98	70-135	
Methoxychlor	0.133	0.133	100	57-135	
Methoxychlor	0.133	0.117	88	57-135	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: PEST0032134.D

Lab ID: LCSD 460-810508/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	0.133	0.138	104	6	30	74-140	
Aldrin	0.133	0.147	110	9	30	74-140	
alpha-BHC	0.133	0.141	106	5	30	72-142	
alpha-BHC	0.133	0.152	114	10	30	72-142	
beta-BHC	0.133	0.150	112	5	30	65-137	
beta-BHC	0.133	0.158	119	9	30	65-137	
delta-BHC	0.133	0.160	120	5	30	70-143	
delta-BHC	0.133	0.174	131	9	30	70-143	
gamma-BHC (Lindane)	0.133	0.144	108	5	30	70-134	
gamma-BHC (Lindane)	0.133	0.154	115	9	30	70-134	
4,4'-DDD	0.133	0.150	112	6	30	70-140	
4,4'-DDD	0.133	0.151	113	9	30	70-140	
4,4'-DDE	0.133	0.139	104	6	30	71-137	
4,4'-DDE	0.133	0.146	109	9	30	71-137	
4,4'-DDT	0.133	0.147	110	3	30	63-131	
4,4'-DDT	0.133	0.147	110	6	30	63-131	
Dieldrin	0.133	0.144	108	6	30	70-135	
Dieldrin	0.133	0.146	109	8	30	70-135	
Endosulfan I	0.133	0.140	105	6	30	68-135	
Endosulfan I	0.133	0.142	107	8	30	68-135	
Endosulfan II	0.133	0.146	109	5	30	64-130	
Endosulfan II	0.133	0.142	106	8	30	64-130	
Endosulfan sulfate	0.133	0.161	121	5	30	66-143	
Endosulfan sulfate	0.133	0.146	110	7	30	66-143	
Endrin	0.133	0.138	103	4	30	68-136	
Endrin	0.133	0.142	106	7	30	68-136	
Endrin aldehyde	0.133	0.154	115	5	30	68-132	
Endrin aldehyde	0.133	0.141	105	8	30	68-132	
Endrin ketone	0.133	0.187	140	5	30	60-150	
Endrin ketone	0.133	0.169	126	7	30	60-150	
Heptachlor	0.133	0.140	105	5	30	69-134	
Heptachlor	0.133	0.150	112	8	30	69-134	
Heptachlor epoxide	0.133	0.139	104	6	30	70-135	
Heptachlor epoxide	0.133	0.141	106	8	30	70-135	
Methoxychlor	0.133	0.138	104	3	30	57-135	
Methoxychlor	0.133	0.125	93	6	30	57-135	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: MB 460-810508/1-A

Matrix: Solid Date Extracted: 10/31/2021 09:13

Lab File ID:(1) PEST0032133.D Lab File ID:(2) PEST0032133.D

Date Analyzed:(1) 11/01/2021 15:31 Date Analyzed:(2) 11/01/2021 15:31

Instrument ID:(1) CPESTGC12 Instrument ID:(2) CPESTGC12

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-810508/2-A	11/01/2021 15:18	11/01/2021 15:18
	LCSD 460-810508/3-A	11/01/2021 15:43	11/01/2021 15:43
SB-1	460-246210-1	11/01/2021 15:56	11/01/2021 15:56
SB-2	460-246210-2	11/01/2021 17:59	11/01/2021 17:59
HA-1	460-246210-3	11/01/2021 18:11	11/01/2021 18:11
HA-2	460-246210-4	11/01/2021 18:24	11/01/2021 18:24
HA-3	460-246210-5	11/01/2021 18:36	11/01/2021 18:36
HA-4	460-246210-6	11/01/2021 18:48	11/01/2021 18:48
HA-5	460-246210-7	11/01/2021 19:01	11/01/2021 19:01
HA-6	460-246210-8	11/01/2021 19:13	11/01/2021 19:13
HA-7	460-246210-9	11/02/2021 10:27	11/02/2021 10:27

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/8 Date Analyzed: 10/01/2021 08:37

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0031285.D Heated Purge: (Y/N) N

Calibration ID: 87574

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		93930857	1.61				
UPPER LIMIT		187861714	1.68				
LOWER LIMIT		46965429	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/9		90653235	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/8 Date Analyzed: 10/01/2021 08:37

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0031285.D Heated Purge: (Y/N) N

Calibration ID: 87575

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		169129738	1.51				
UPPER LIMIT		338259476	1.58				
LOWER LIMIT		84564869	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/9		165085994	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/12 Date Analyzed: 10/01/2021 09:26

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0031289.D Heated Purge: (Y/N) N

Calibration ID: 87538

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		90226499	1.61				
UPPER LIMIT		180452998	1.68				
LOWER LIMIT		45113250	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/15		97163943	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/12 Date Analyzed: 10/01/2021 09:26

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0031289.D Heated Purge: (Y/N) N

Calibration ID: 87539

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		176413064	1.51				
UPPER LIMIT		352826128	1.58				
LOWER LIMIT		88206532	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/15		185021965	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/18 Date Analyzed: 10/01/2021 10:40

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0031295.D Heated Purge: (Y/N) N

Calibration ID: 87520

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		89264291	1.61				
UPPER LIMIT		178528582	1.68				
LOWER LIMIT		44632146	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/21		95481077	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: IC 460-804494/18 Date Analyzed: 10/01/2021 10:40

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0031295.D Heated Purge: (Y/N) N

Calibration ID: 87521

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		163431402	1.51				
UPPER LIMIT		326862804	1.58				
LOWER LIMIT		81715701	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-804494/21		173668633	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810665/2 Date Analyzed: 11/01/2021 14:13

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0032127a.D Heated Purge: (Y/N) N

Calibration ID: 87520

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		117184269	1.58				
UPPER LIMIT		234368538	1.65				
LOWER LIMIT		58592135	1.51				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-810665/4		153657242	1.58				
CCV 460-810665/5		128635667	1.58				
LCS 460-810508/2-A		146660776	1.59				
MB 460-810508/1-A		117918761	1.58				
LCSD 460-810508/3-A		138232145	1.58				
460-246210-1	SB-1	126232023	1.58				
460-246210-2	SB-2	126168851	1.58				
460-246210-3	HA-1	141007166	1.58				
460-246210-4	HA-2	126226247	1.58				
460-246210-5	HA-3	136863130	1.58				
460-246210-6	HA-4	135734986	1.58				
460-246210-7	HA-5	133266253	1.58				
460-246210-8	HA-6	141596961	1.58				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810665/2 Date Analyzed: 11/01/2021 14:13

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0032127a.D Heated Purge: (Y/N) N

Calibration ID: 87521

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		155381101	1.50				
UPPER LIMIT		310762202	1.57				
LOWER LIMIT		77690551	1.43				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-810665/4		207594730	1.50				
CCV 460-810665/5		171638498	1.50				
LCS 460-810508/2-A		205528449	1.50				
MB 460-810508/1-A		159440884	1.50				
LCSD 460-810508/3-A		188496253	1.50				
460-246210-1	SB-1	169430521	1.50				
460-246210-2	SB-2	173609980	1.50				
460-246210-3	HA-1	187900661	1.50				
460-246210-4	HA-2	166529743	1.50				
460-246210-5	HA-3	174619372	1.50				
460-246210-6	HA-4	177776423	1.50				
460-246210-7	HA-5	174047875	1.50				
460-246210-8	HA-6	176593558	1.50				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810761/3 Date Analyzed: 11/02/2021 03:53

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): PEST0032155.D Heated Purge: (Y/N) N

Calibration ID: 87520

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		115740346	1.59				
UPPER LIMIT		231480692	1.66				
LOWER LIMIT		57870173	1.52				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-810761/4		128832497	1.59				
CCV 460-810761/5		131524527	1.58				
CCV 460-810761/7		138563252	1.58				
460-246210-9	HA-7	132102175	1.59				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Sample No.: CCVIS 460-810761/3 Date Analyzed: 11/02/2021 03:53

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): PEST0032155.D Heated Purge: (Y/N) N

Calibration ID: 87521

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		150453615	1.50				
UPPER LIMIT		300907230	1.57				
LOWER LIMIT		75226808	1.43				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-810761/4		185530170	1.50				
CCV 460-810761/5		171051953	1.50				
CCV 460-810761/7		207972273	1.50				
460-246210-9	HA-7	150208683	1.50				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8081B

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810508/2-A

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 11/01/2021 15:18 Date Analyzed (2): 11/01/2021 15:18

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.16	2.15	2.17	0.138		2.9
	2		2.52	2.50	2.52	0.134		
gamma-BHC (Lindane)	1		2.36	2.35	2.37	0.140		2.5
	2		2.80	2.79	2.81	0.137		
beta-BHC	1		2.41	2.40	2.42	0.144		1.9
	2		2.86	2.85	2.87	0.142		
delta-BHC	1		2.53	2.52	2.54	0.160		5.0
	2		3.14	3.13	3.15	0.152		
Heptachlor	1		2.69	2.68	2.70	0.139		3.5
	2		3.23	3.22	3.24	0.134		
Aldrin	1		2.93	2.92	2.94	0.134		3.1
	2		3.59	3.58	3.60	0.130		
Heptachlor epoxide	1		3.50	3.49	3.51	0.130		0.9
	2		4.24	4.22	4.24	0.131		
4,4'-DDE	1		3.86	3.85	3.87	0.133		1.7
	2		4.83	4.82	4.84	0.131		
Endosulfan I	1		3.93	3.92	3.94	0.131		0.5
	2		4.72	4.70	4.72	0.132		
Dieldrin	1		4.18	4.17	4.19	0.134		0.8
	2		5.01	4.99	5.01	0.135		
Endrin	1		4.45	4.43	4.45	0.133		0.0
	2		5.30	5.28	5.30	0.133		
4,4'-DDD	1		4.53	4.52	4.54	0.137		2.6
	2		5.41	5.39	5.41	0.141		
Endosulfan II	1		4.71	4.70	4.72	0.131		5.4
	2		5.50	5.48	5.50	0.138		
4,4'-DDT	1		4.85	4.84	4.86	0.138		2.9
	2		5.74	5.73	5.75	0.142		
Endrin aldehyde	1		5.13	5.12	5.14	0.130		11.7
	2		5.87	5.86	5.88	0.146		
Methoxychlor	1		5.33	5.32	5.34	0.117		13.1
	2		6.78	6.76	6.78	0.133		
Endosulfan sulfate	1		5.53	5.52	5.54	0.136		11.9
	2		6.24	6.22	6.24	0.153		
Endrin ketone	1		5.82	5.81	5.83	0.157		13.0
	2		7.07	7.05	7.07	0.179		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-810508/3-A

Instrument ID (1): CPESTGC12 Instrument ID (2): CPESTGC12

Date Analyzed (1): 11/01/2021 15:43 Date Analyzed (2): 11/01/2021 15:43

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.16	2.15	2.17	0.152		7.5
	2		2.51	2.50	2.52	0.141		
gamma-BHC (Lindane)	1		2.36	2.35	2.37	0.154		6.3
	2		2.80	2.79	2.81	0.144		
beta-BHC	1		2.41	2.40	2.42	0.158		5.7
	2		2.86	2.85	2.87	0.150		
delta-BHC	1		2.53	2.52	2.54	0.174		8.7
	2		3.14	3.13	3.15	0.160		
Heptachlor	1		2.69	2.68	2.70	0.150		6.5
	2		3.23	3.22	3.24	0.140		
Aldrin	1		2.93	2.92	2.94	0.147		5.8
	2		3.59	3.58	3.60	0.138		
Heptachlor epoxide	1		3.50	3.49	3.51	0.141		1.9
	2		4.23	4.22	4.24	0.139		
4,4'-DDE	1		3.86	3.85	3.87	0.146		4.6
	2		4.83	4.82	4.84	0.139		
Endosulfan I	1		3.93	3.92	3.94	0.142		1.7
	2		4.71	4.70	4.72	0.140		
Dieldrin	1		4.18	4.17	4.19	0.146		1.4
	2		5.00	4.99	5.01	0.144		
Endrin	1		4.45	4.43	4.45	0.142		2.9
	2		5.30	5.28	5.30	0.138		
4,4'-DDD	1		4.53	4.52	4.54	0.151		0.7
	2		5.41	5.39	5.41	0.150		
Endosulfan II	1		4.71	4.70	4.72	0.142		2.9
	2		5.50	5.48	5.50	0.146		
4,4'-DDT	1		4.85	4.84	4.86	0.147		0.1
	2		5.74	5.73	5.75	0.147		
Endrin aldehyde	1		5.13	5.12	5.14	0.141		9.1
	2		5.87	5.86	5.88	0.154		
Methoxychlor	1		5.33	5.32	5.34	0.125		10.3
	2		6.77	6.76	6.78	0.138		
Endosulfan sulfate	1		5.53	5.52	5.54	0.146		9.5
	2		6.23	6.22	6.24	0.161		
Endrin ketone	1		5.82	5.81	5.83	0.169		10.5
	2		7.06	7.05	7.07	0.187		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: PEST0032135.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:35

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 15:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	29		10-133
2051-24-3	DCB Decachlorobiphenyl	95		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D
Lims ID: 460-246210-F-1-F
Client ID: SB-1
Sample Type: Client
Inject. Date: 01-Nov-2021 15:56:07 ALS Bottle#: 62 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-010
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:58:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	126232023	100.0	
2	1.496	1.497	-0.001	169430521	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	22092324	14.3	
2	1.851	1.853	-0.002	32833540	14.9	
					RPD = 4.54	
$ 24 DCB Decachlorobiphenyl						
1	8.326	8.322	0.004	54780658	47.7	
2	7.353	7.353	0.000	92376393	39.5	
					RPD = 18.77	

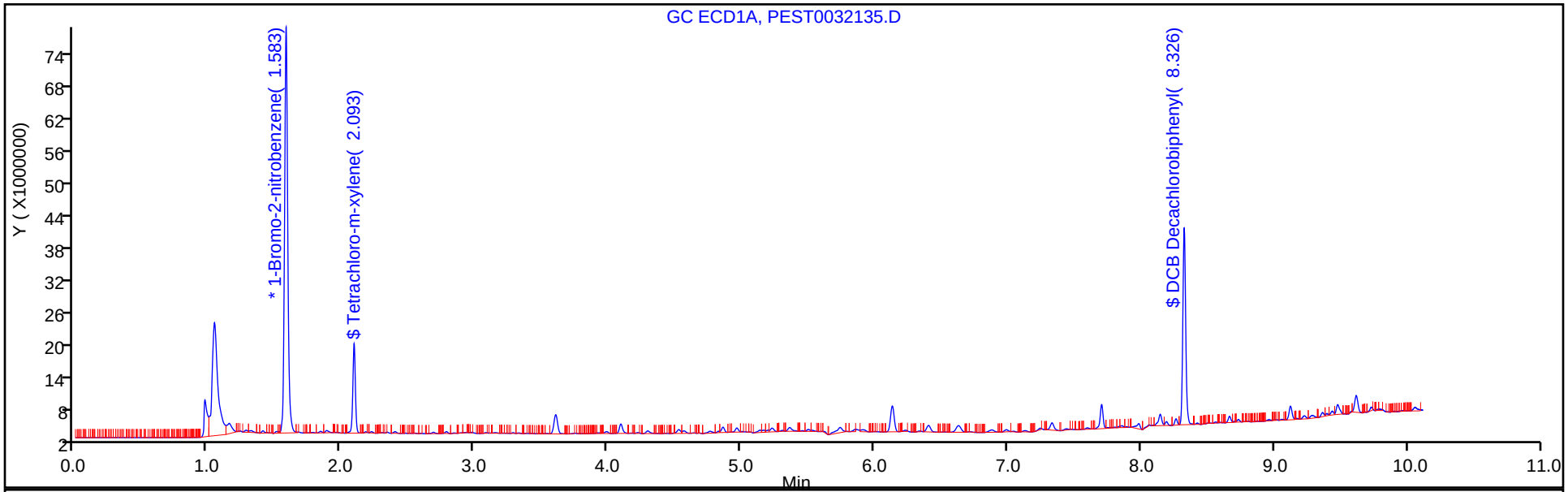
Reagents:

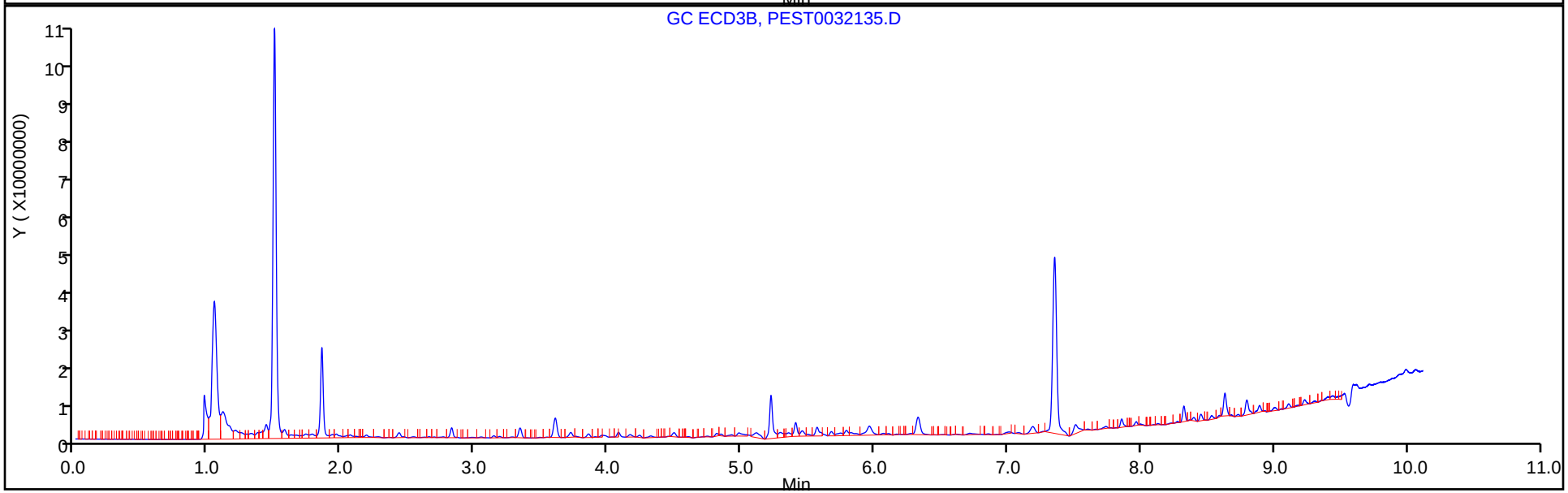
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D				
Injection Date:	01-Nov-2021 15:56:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-1-F	Lab Sample ID:	460-246210-1	Worklist Smp#:	10
Client ID:	SB-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

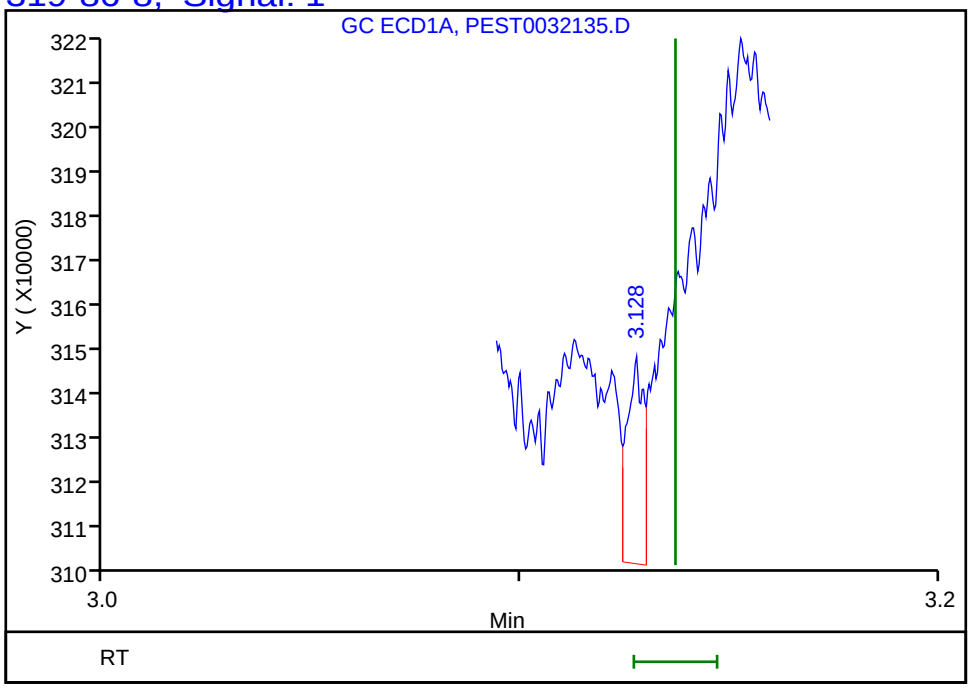
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 12016

Amount: 0.007463



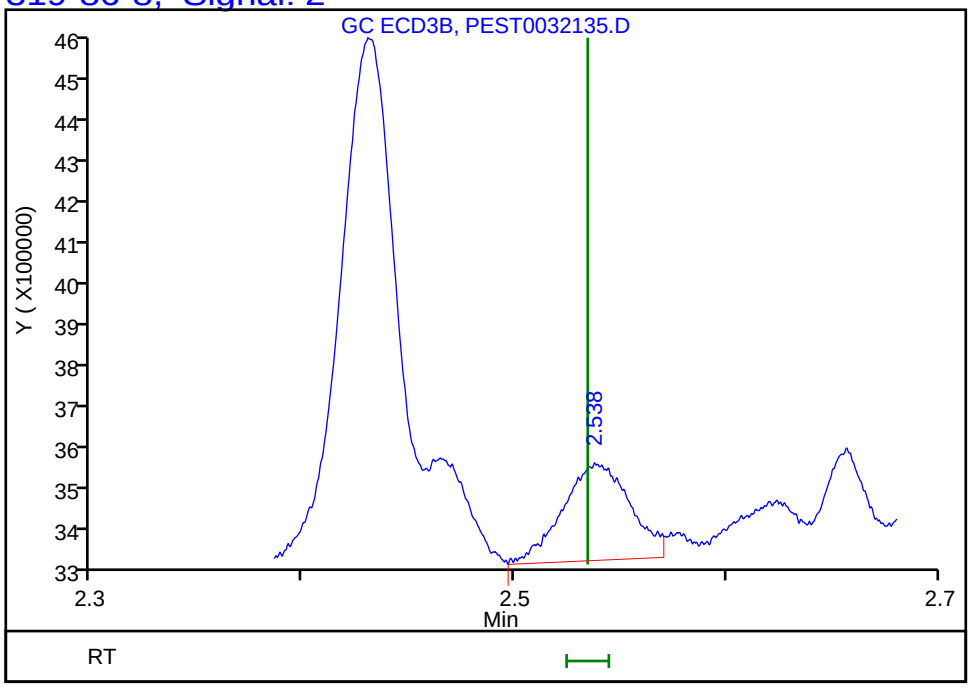
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 494885

Amount: 0.219263



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

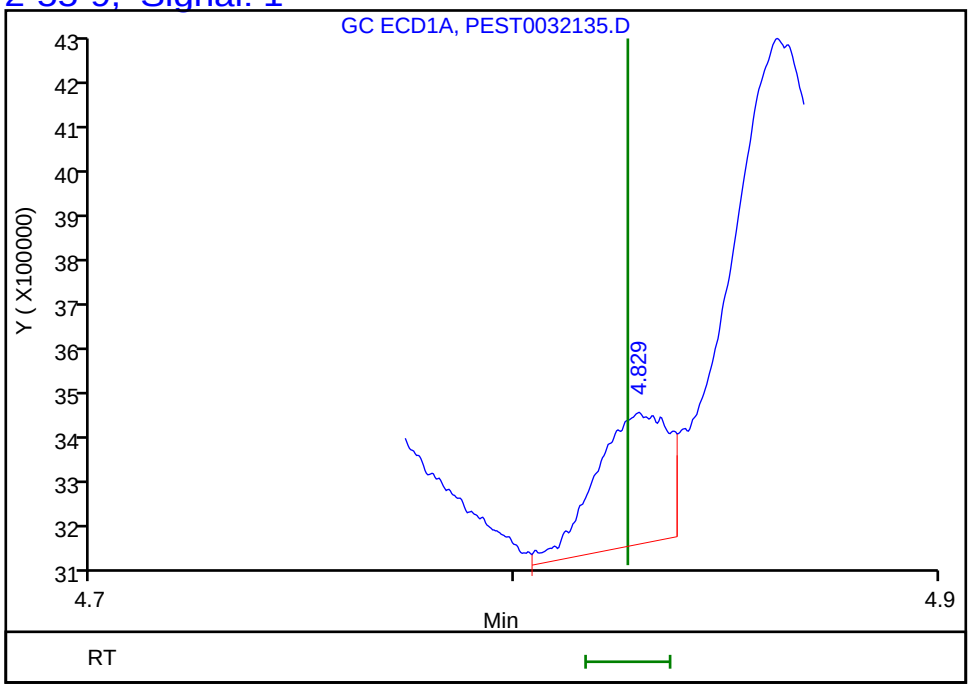
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 321784

Amount: 0.201669



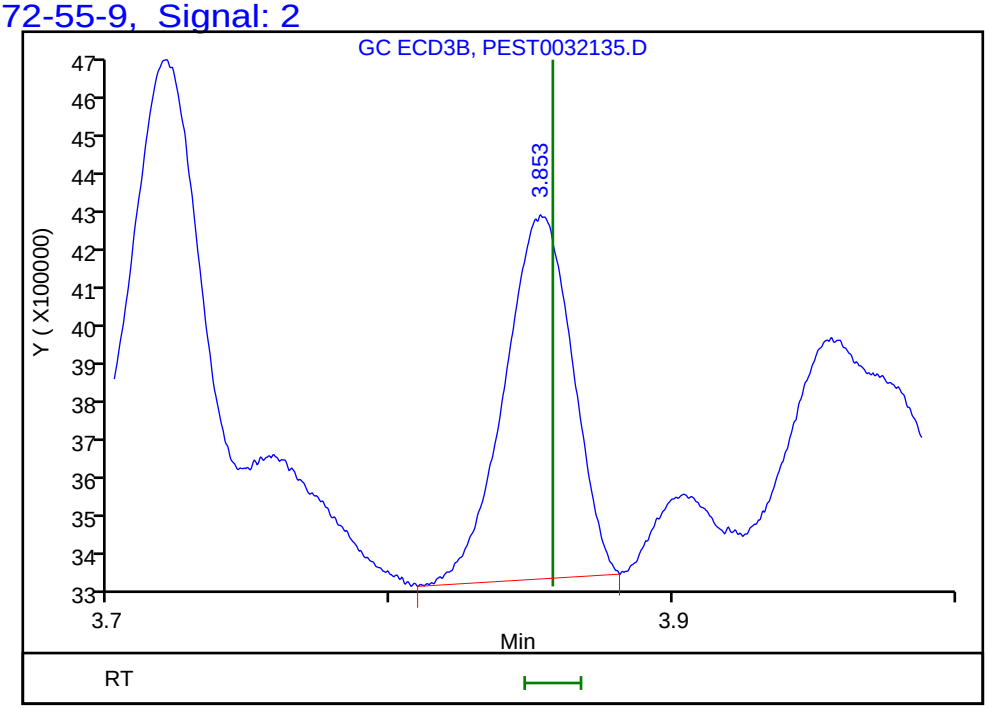
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85

Response: 1459759

Amount: 0.585384



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

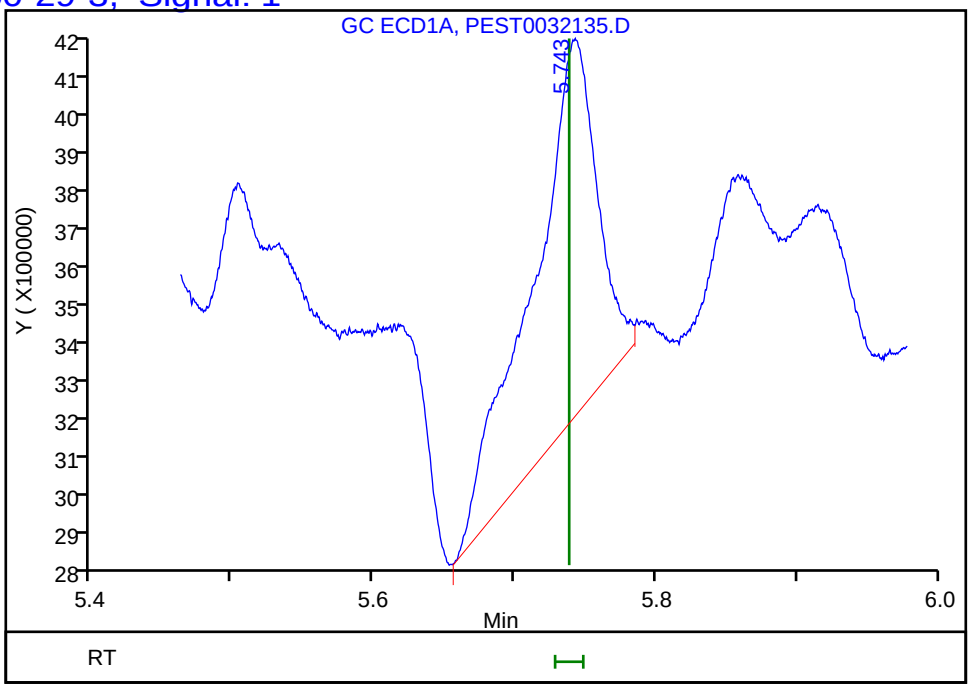
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 3160037

Amount: 2.511858



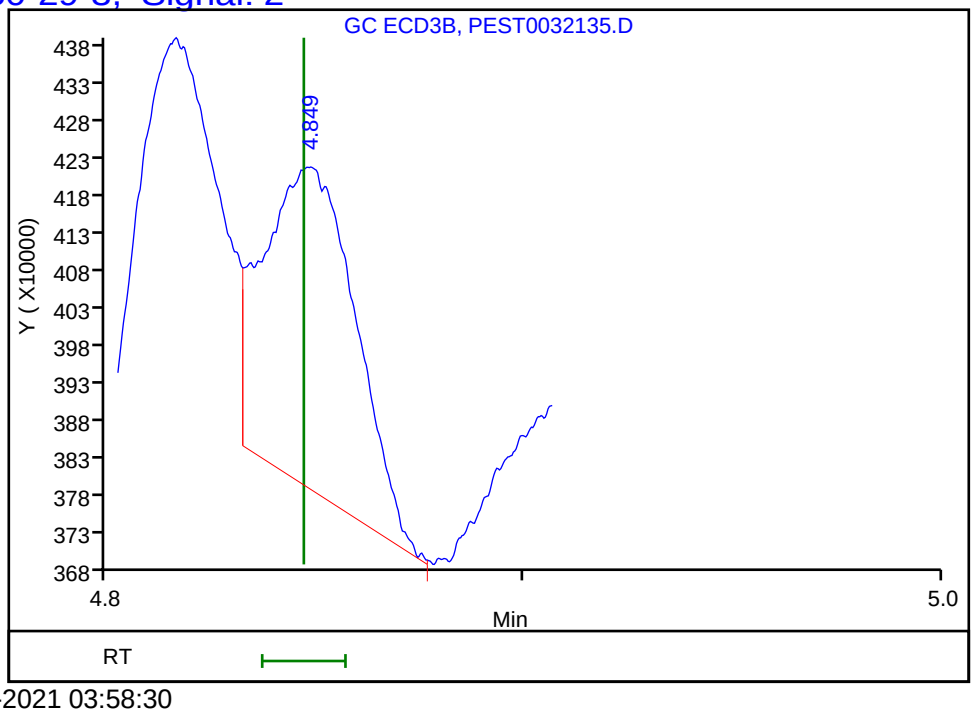
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 660159

Amount: 0.316316



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

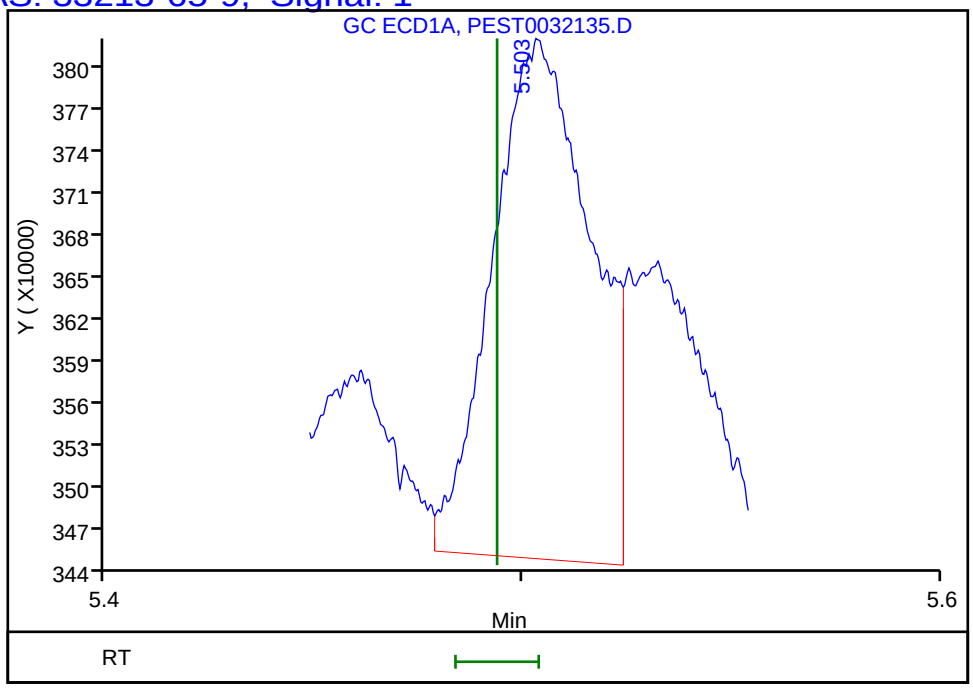
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.50

Response: 596119

Amount: 0.434640



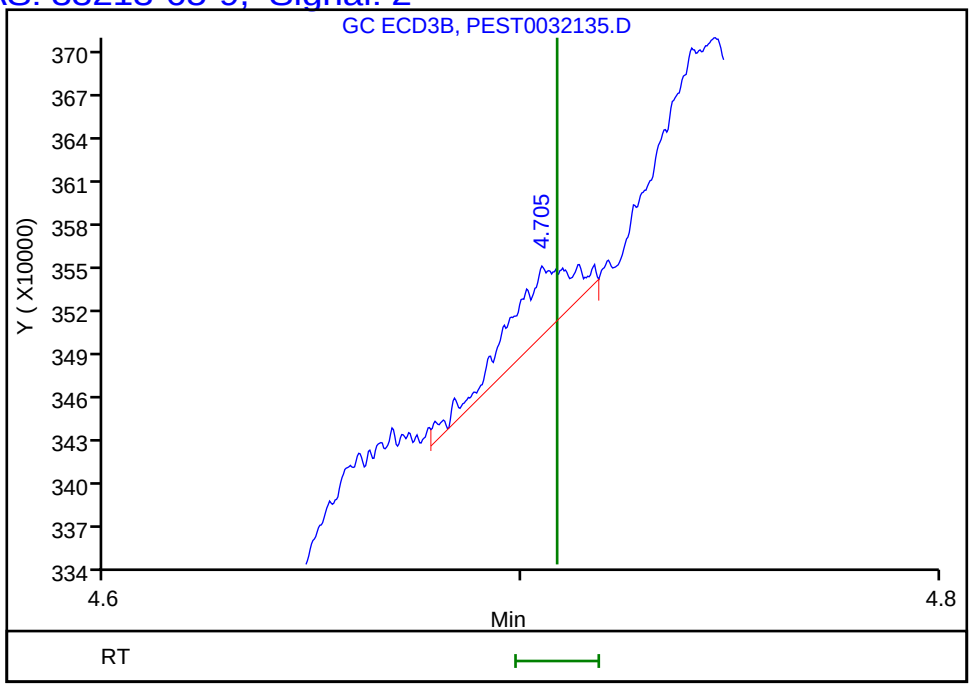
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.70

Response: 52562

Amount: 0.024932



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

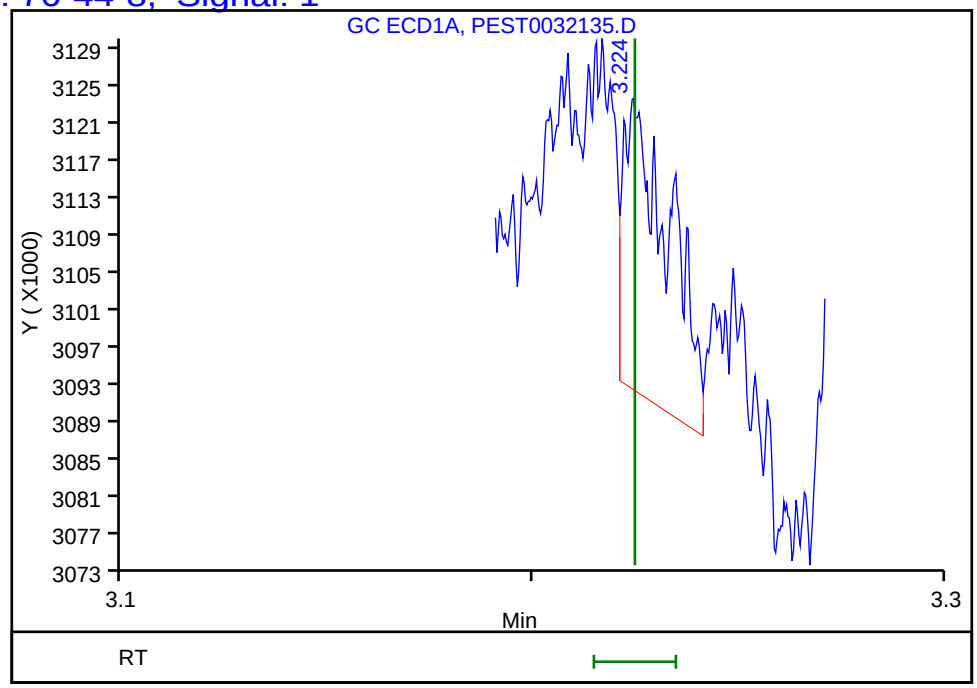
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.22

Response: 24479

Amount: 0.013854



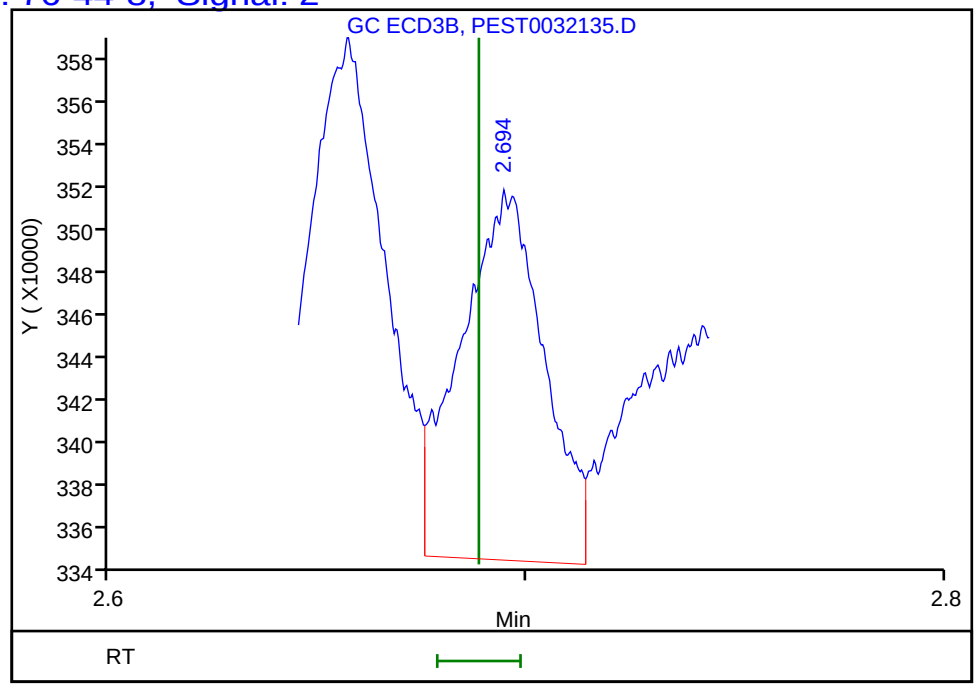
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 239691

Amount: 0.092525



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

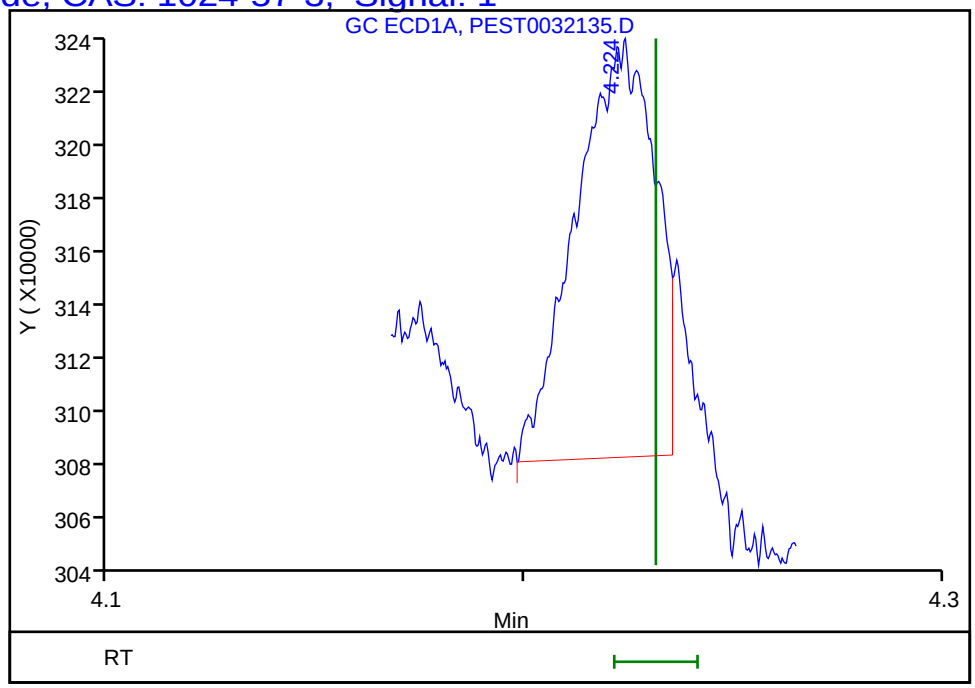
Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

RT: 4.22

Response: 195638

Amount: 0.125614



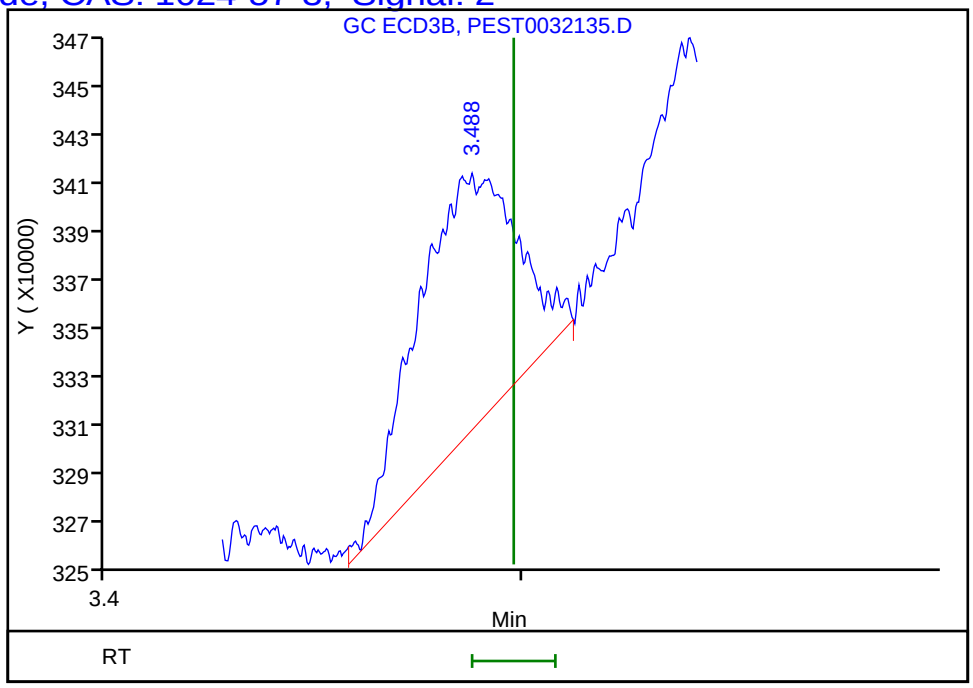
Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.49

Response: 174640

Amount: 0.072381



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

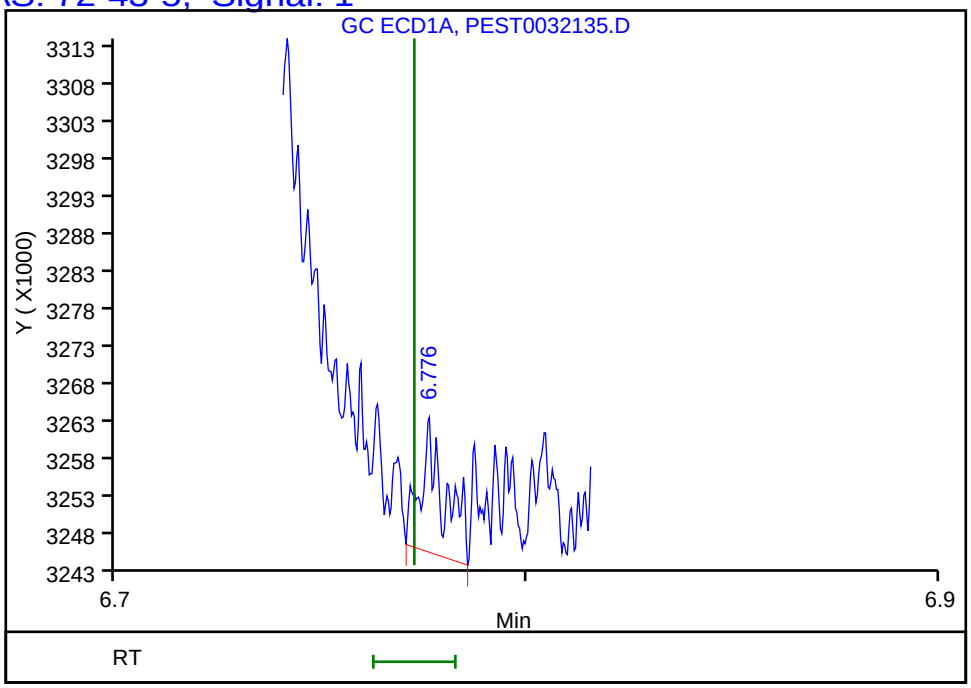
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.78

Response: 7240

Amount: 0.010028



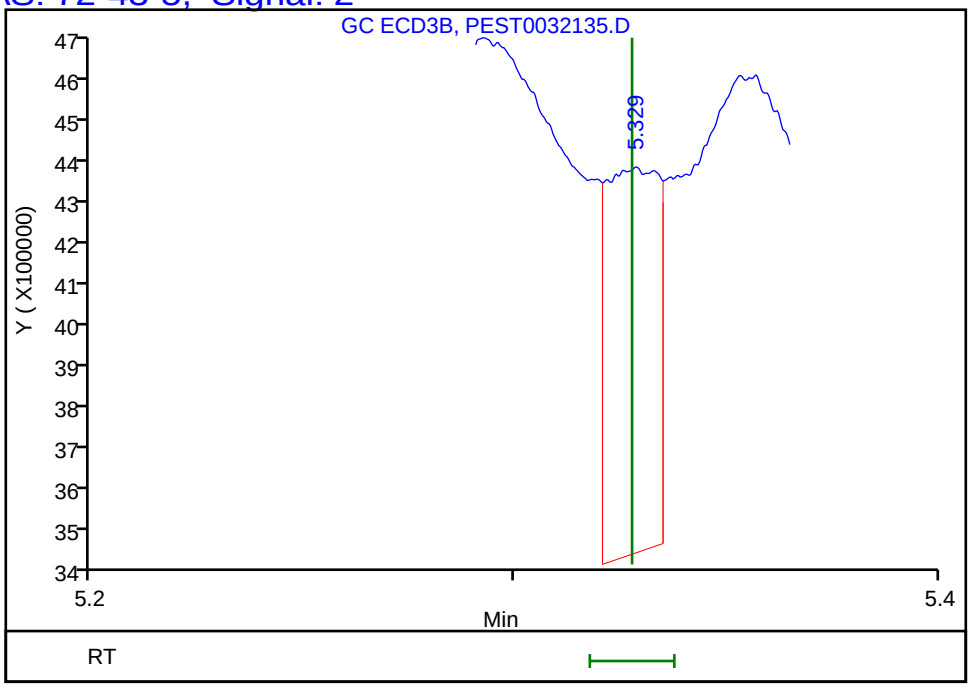
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 723356

Amount: 0.598509



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-1 Lab Sample ID: 460-246210-1

Matrix: Solid Lab File ID: PEST0032135.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:35

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 15:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 15.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0012	U	0.0079	0.0012
319-84-6	alpha-BHC	0.00081	U	0.0024	0.00081
319-85-7	beta-BHC	0.00089	U	0.0024	0.00089
319-86-8	delta-BHC	0.00049	U	0.0024	0.00049
58-89-9	gamma-BHC (Lindane)	0.00073	U	0.0024	0.00073
12789-03-6	Chlordane (technical)	0.019	U	0.079	0.019
72-54-8	4,4'-DDD	0.0013	U	0.0079	0.0013
72-55-9	4,4'-DDE	0.00094	U	0.0079	0.00094
50-29-3	4,4'-DDT	0.0015	U	0.0079	0.0015
60-57-1	Dieldrin	0.0010	U	0.0024	0.0010
959-98-8	Endosulfan I	0.0012	U	0.0079	0.0012
33213-65-9	Endosulfan II	0.0020	U	0.0079	0.0020
1031-07-8	Endosulfan sulfate	0.00099	U	0.0079	0.00099
72-20-8	Endrin	0.0011	U	0.0079	0.0011
7421-93-4	Endrin aldehyde	0.0019	U	0.0079	0.0019
53494-70-5	Endrin ketone	0.0015	U	0.0079	0.0015
76-44-8	Heptachlor	0.00094	U	0.0079	0.00094
1024-57-3	Heptachlor epoxide	0.0012	U	0.0079	0.0012
72-43-5	Methoxychlor	0.0018	U	0.0079	0.0018
8001-35-2	Toxaphene	0.029	U	0.079	0.029

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	30		10-133
2051-24-3	DCB Decachlorobiphenyl	79		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D
Lims ID: 460-246210-F-1-F
Client ID: SB-1
Sample Type: Client
Inject. Date: 01-Nov-2021 15:56:07 ALS Bottle#: 62 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-010
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:58:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	126232023	100.0	
2	1.496	1.497	-0.001	169430521	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	22092324	14.3	
2	1.851	1.853	-0.002	32833540	14.9	
					RPD = 4.54	
$ 24 DCB Decachlorobiphenyl						
1	8.326	8.322	0.004	54780658	47.7	
2	7.353	7.353	0.000	92376393	39.5	
					RPD = 18.77	

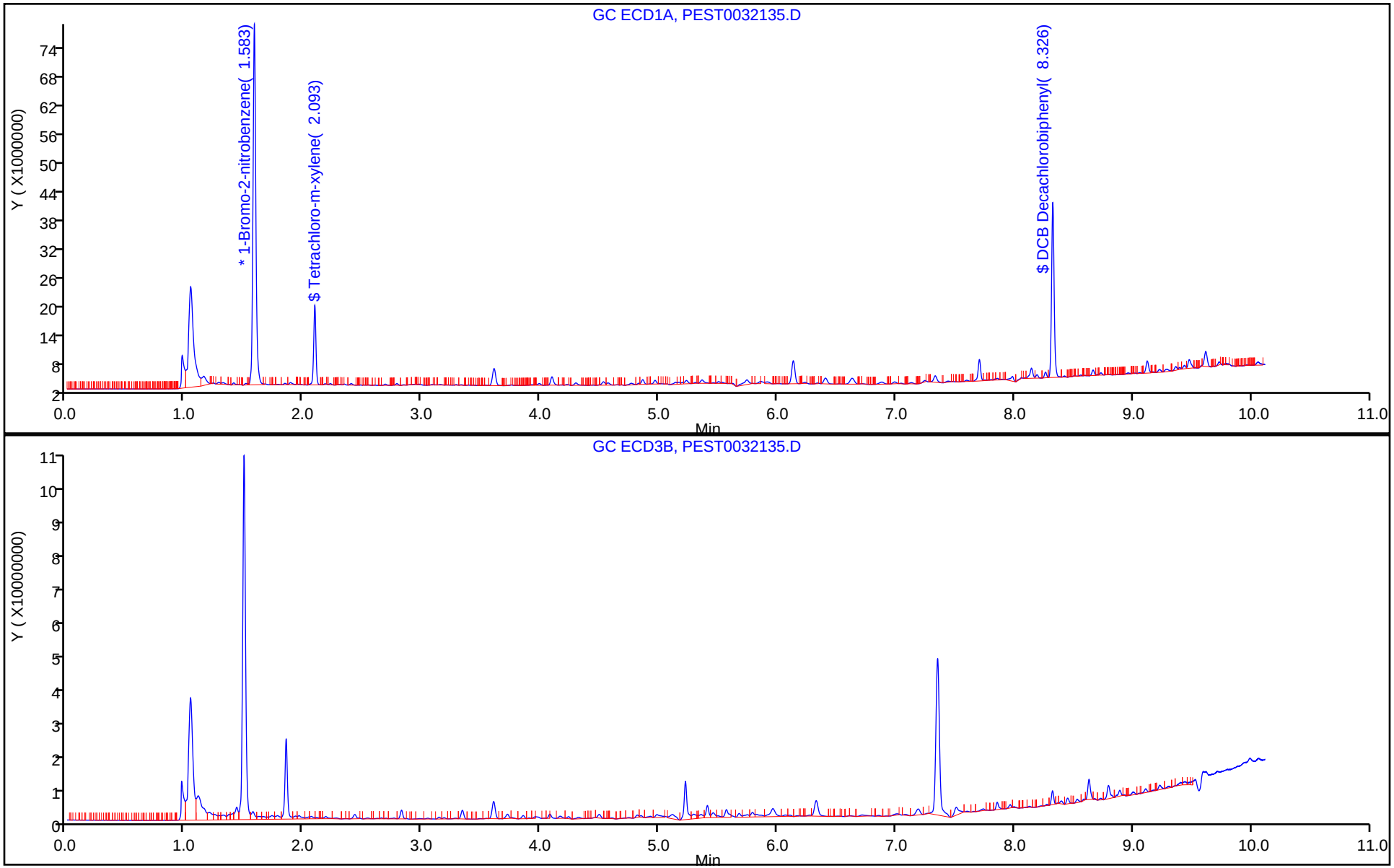
Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:06 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D				
Injection Date:	01-Nov-2021 15:56:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-1-F	Lab Sample ID:	460-246210-1	Worklist Smp#:	10
Client ID:	SB-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

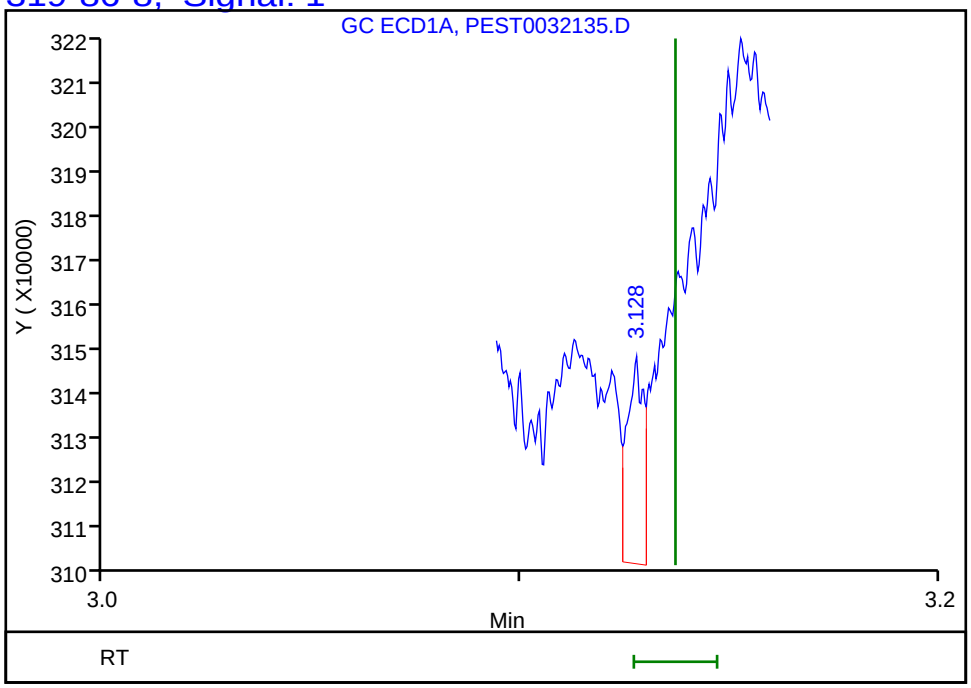
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 12016

Amount: 0.007463



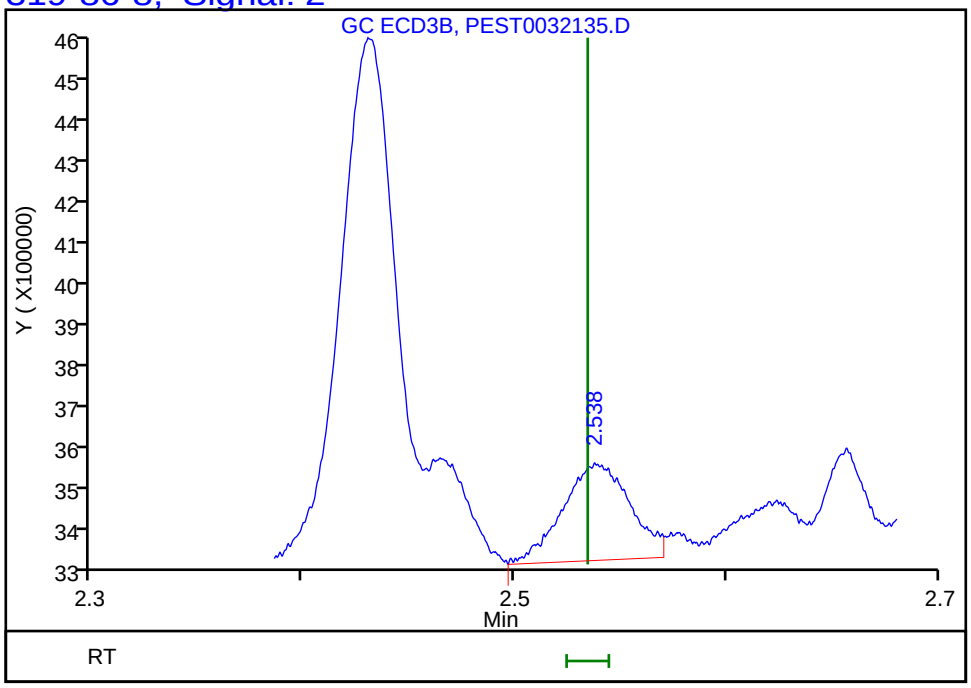
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 494885

Amount: 0.219263



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

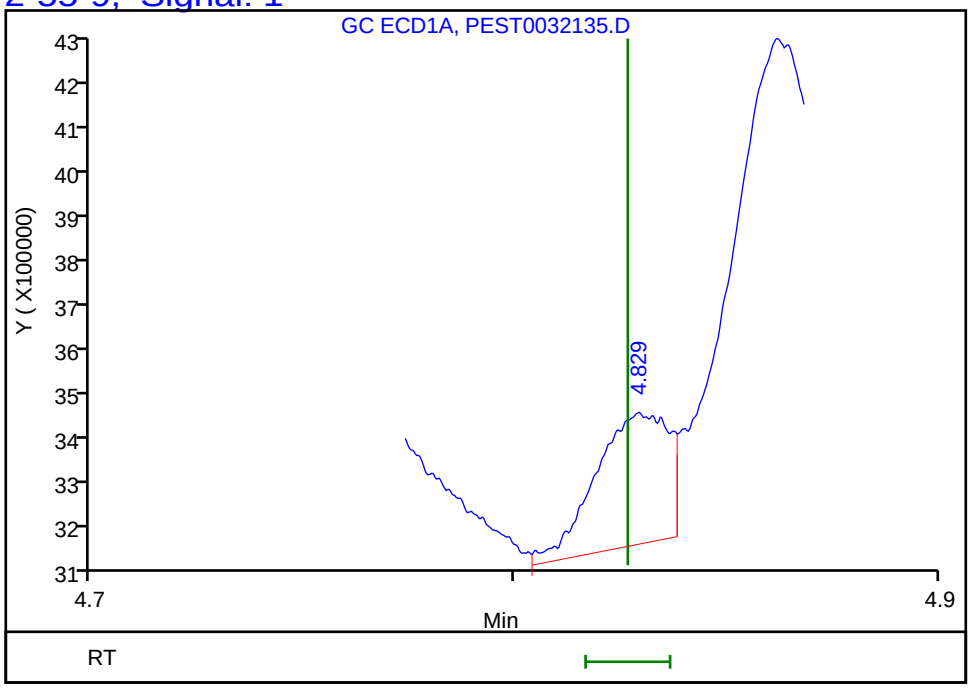
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

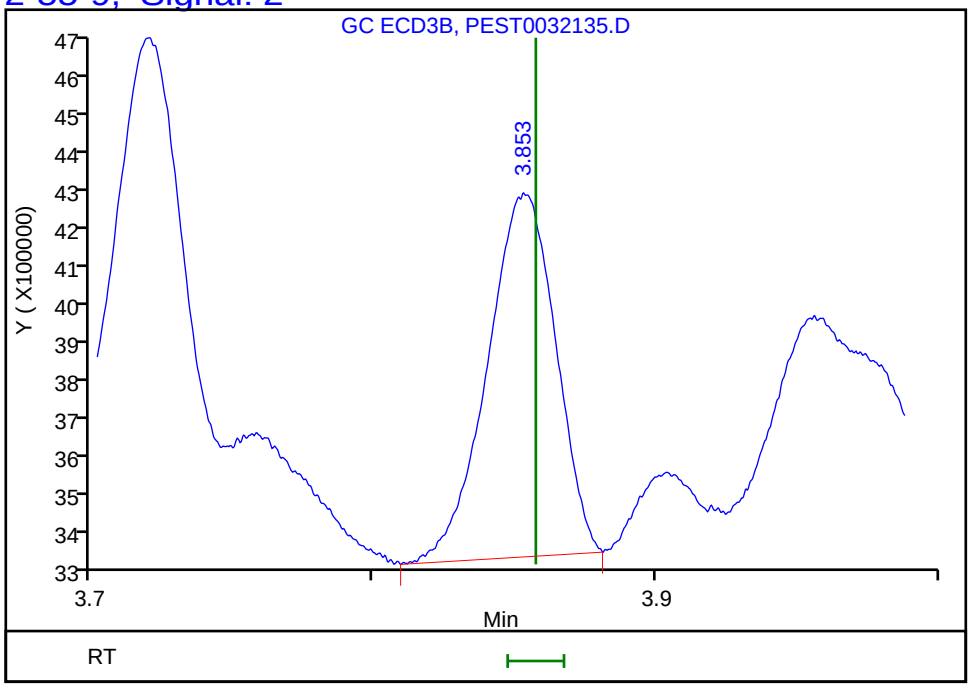
RT: 4.83
Response: 321784
Amount: 0.201669



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85
Response: 1459759
Amount: 0.585384



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

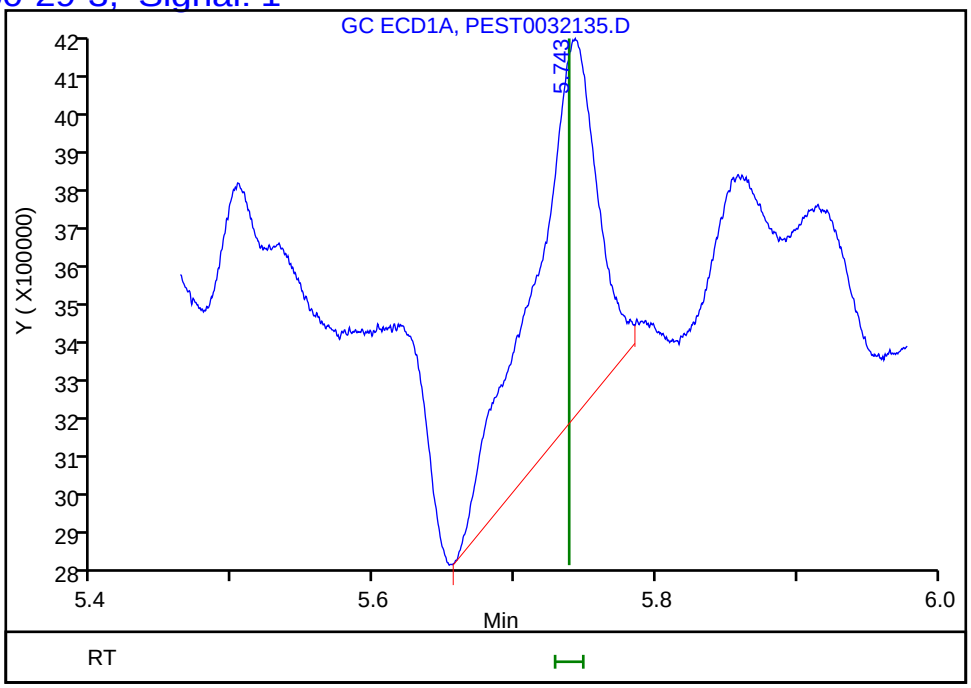
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 3160037

Amount: 2.511858



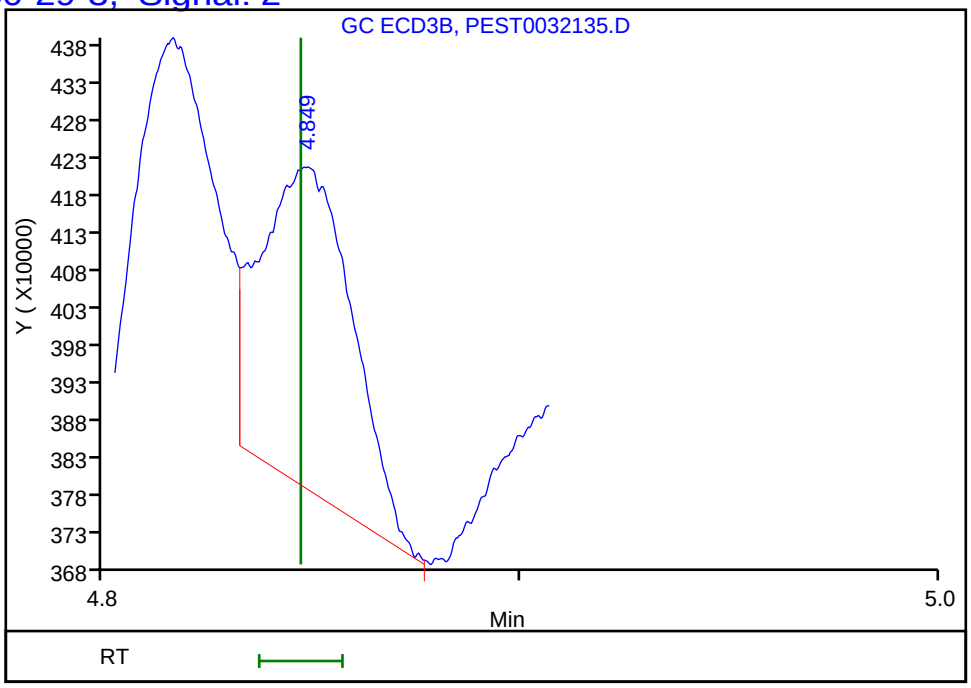
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 660159

Amount: 0.316316



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

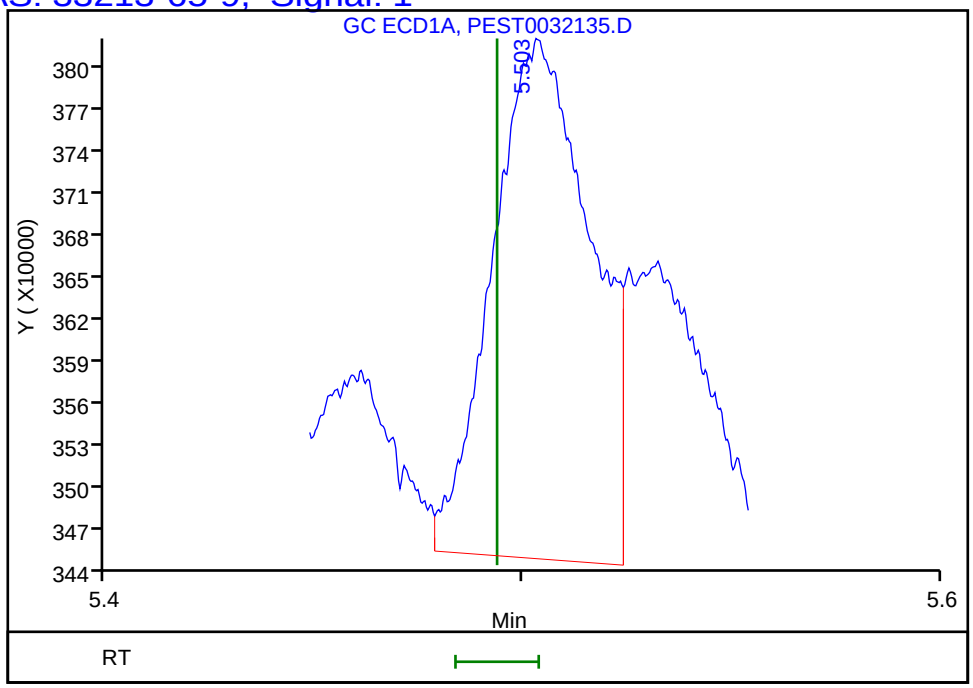
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.50

Response: 596119

Amount: 0.434640



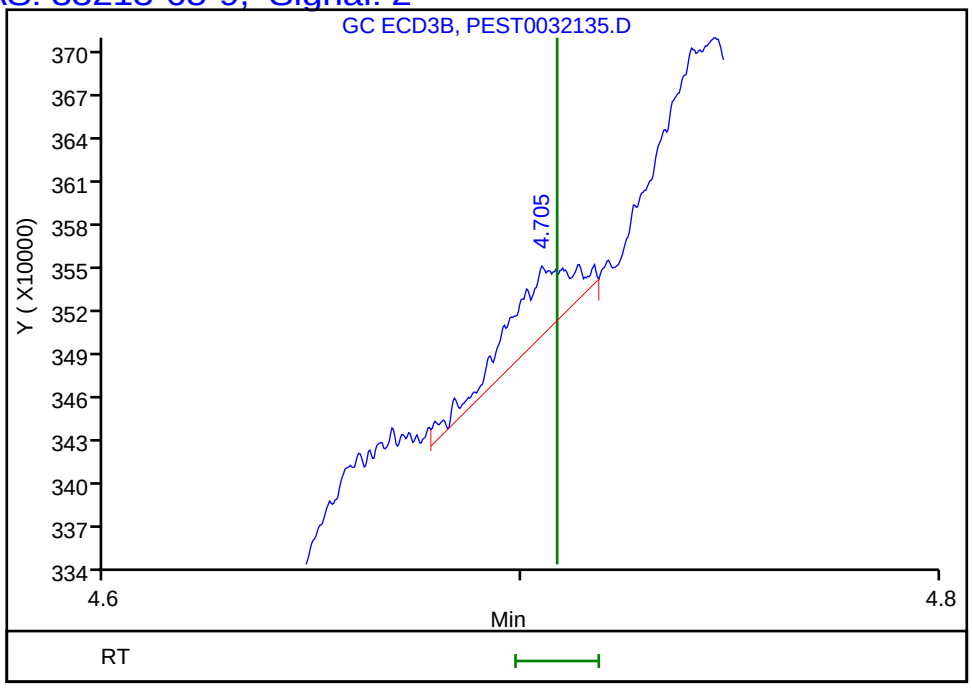
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.70

Response: 52562

Amount: 0.024932



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

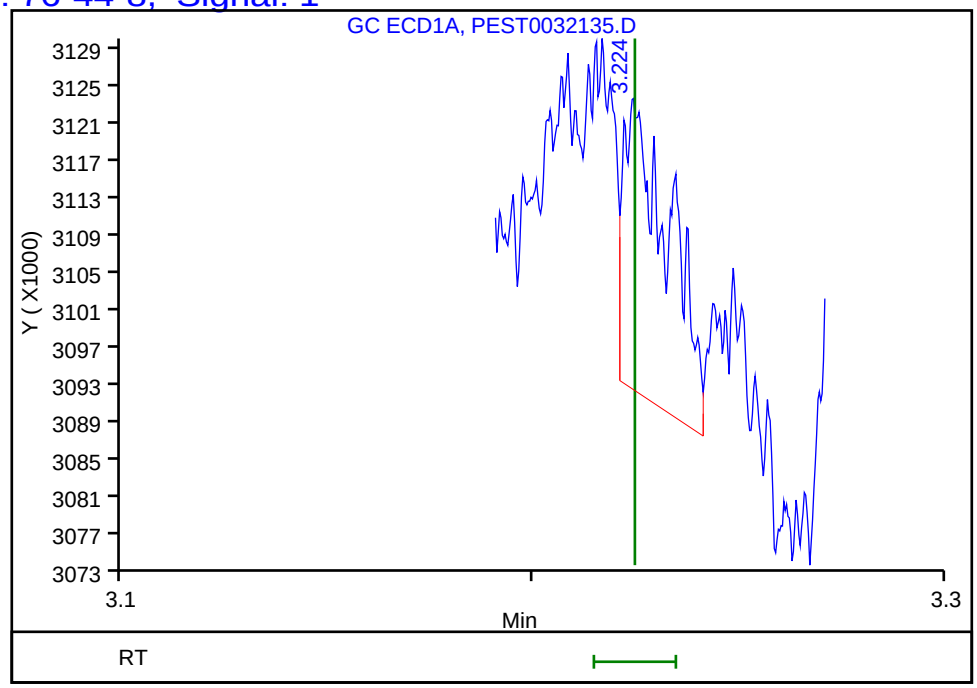
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.22

Response: 24479

Amount: 0.013854



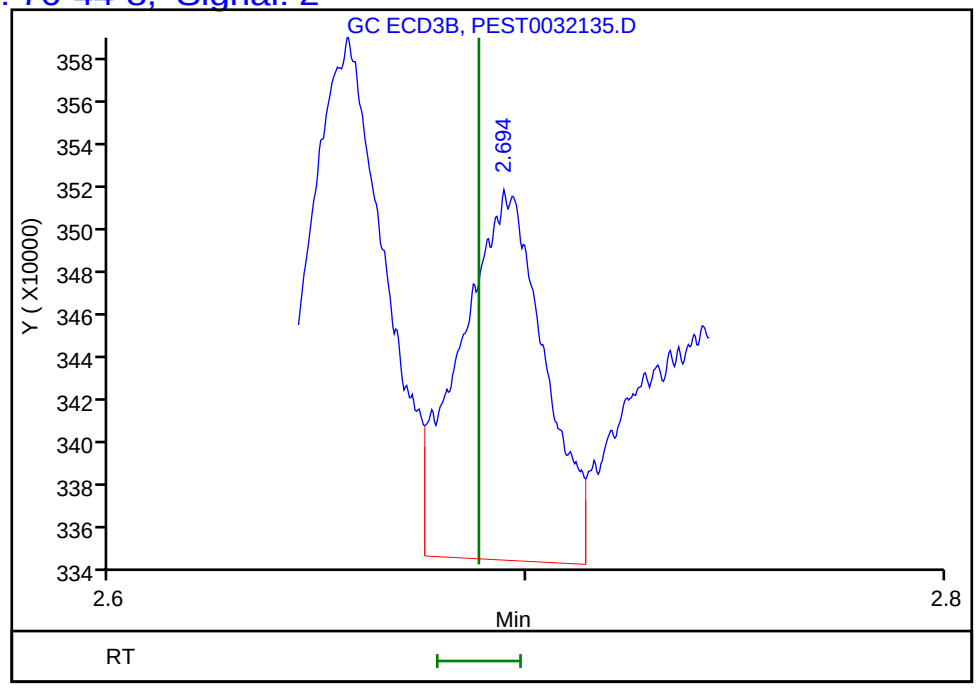
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 239691

Amount: 0.092525



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

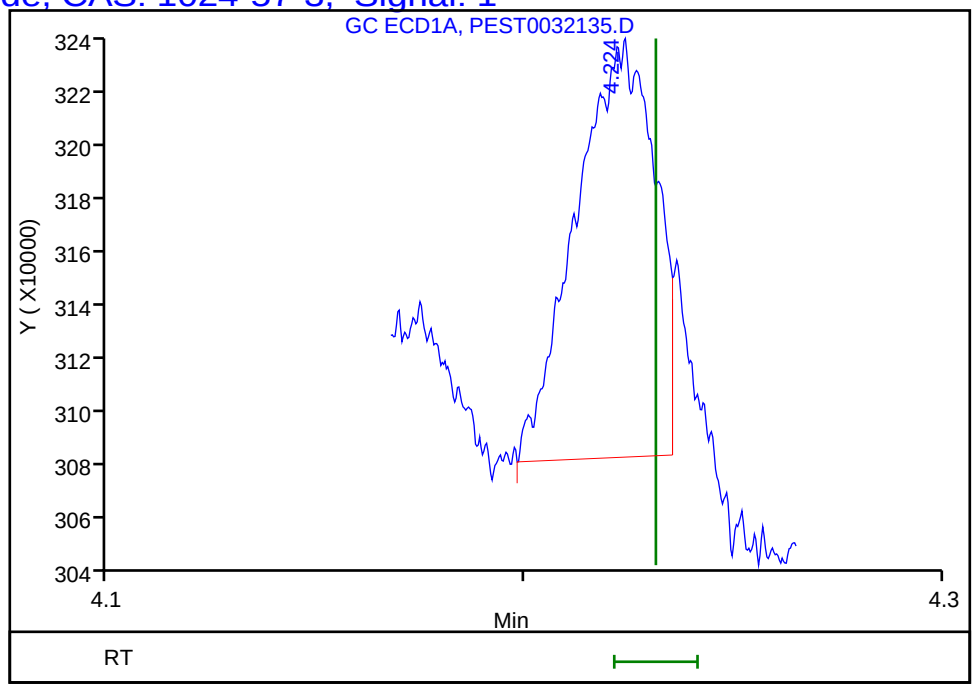
Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

RT: 4.22

Response: 195638

Amount: 0.125614



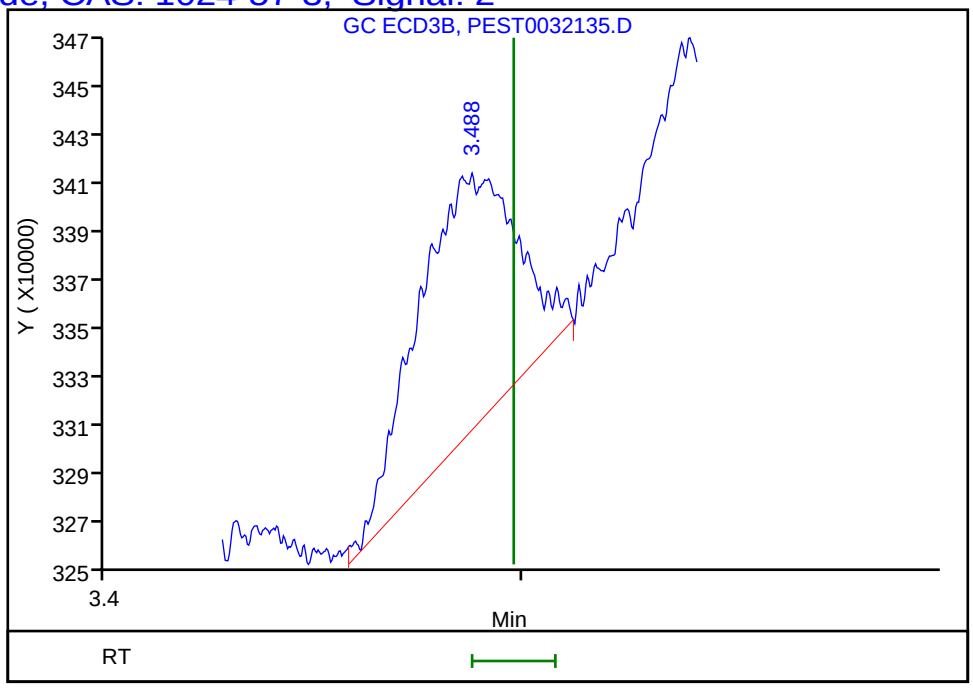
Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.49

Response: 174640

Amount: 0.072381



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032135.D

Injection Date: 01-Nov-2021 15:56:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-1-F Lab Sample ID: 460-246210-1

Client ID: SB-1

Operator ID: ALS Bottle#: 62 Worklist Smp#: 10

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

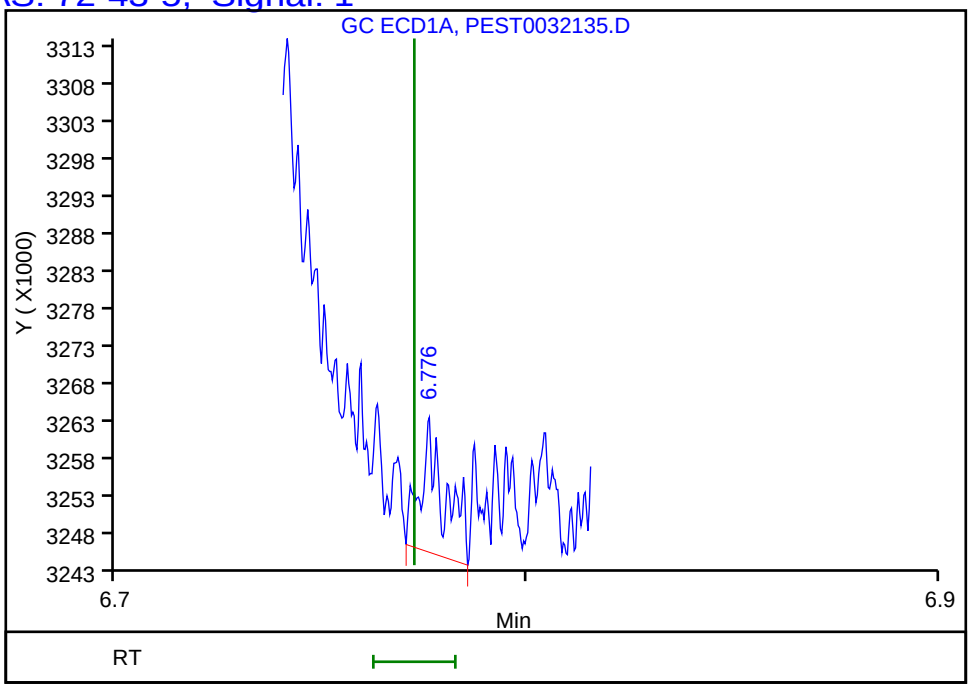
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.78

Response: 7240

Amount: 0.010028



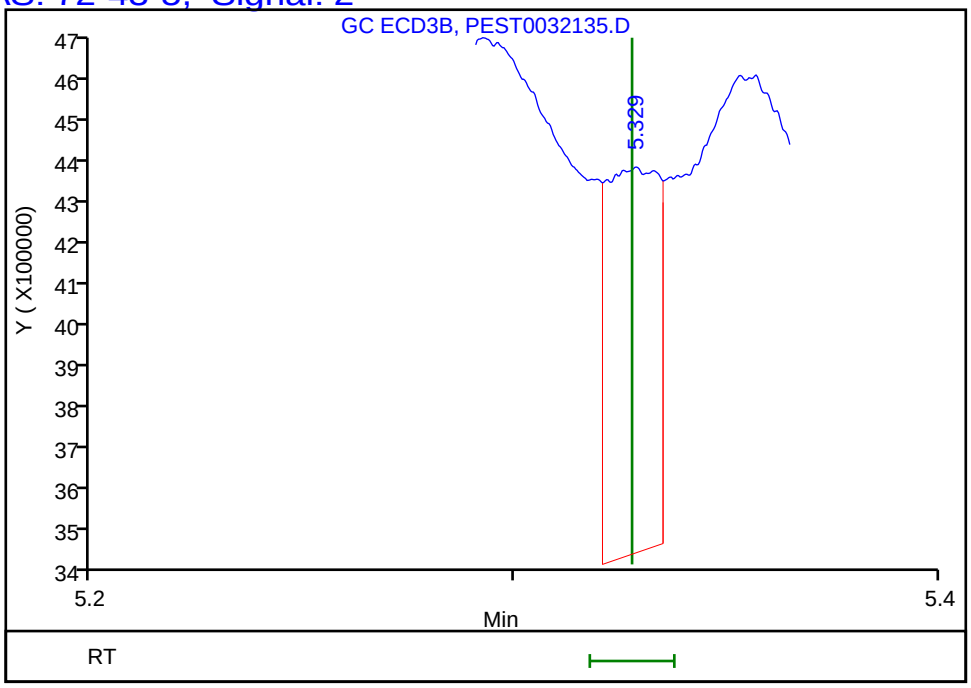
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 723356

Amount: 0.598509



Reviewer: manlangitf, 02-Nov-2021 03:58:30

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: PEST0032145.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:55

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 17:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	20		10-133
2051-24-3	DCB Decachlorobiphenyl	90		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D
Lims ID: 460-246210-F-2-B
Client ID: SB-2
Sample Type: Client
Inject. Date: 01-Nov-2021 17:59:27 ALS Bottle#: 72 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-020
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	126168851	100.0	
2	1.495	1.497	-0.002	173609980	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	15686226	10.1	
2	1.851	1.853	-0.002	40007672	17.7	
					RPD = 54.64	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	51898150	45.2	
2	7.353	7.353	0.000	90318502	37.7	
					RPD = 18.11	

QC Flag Legend

Processing Flags

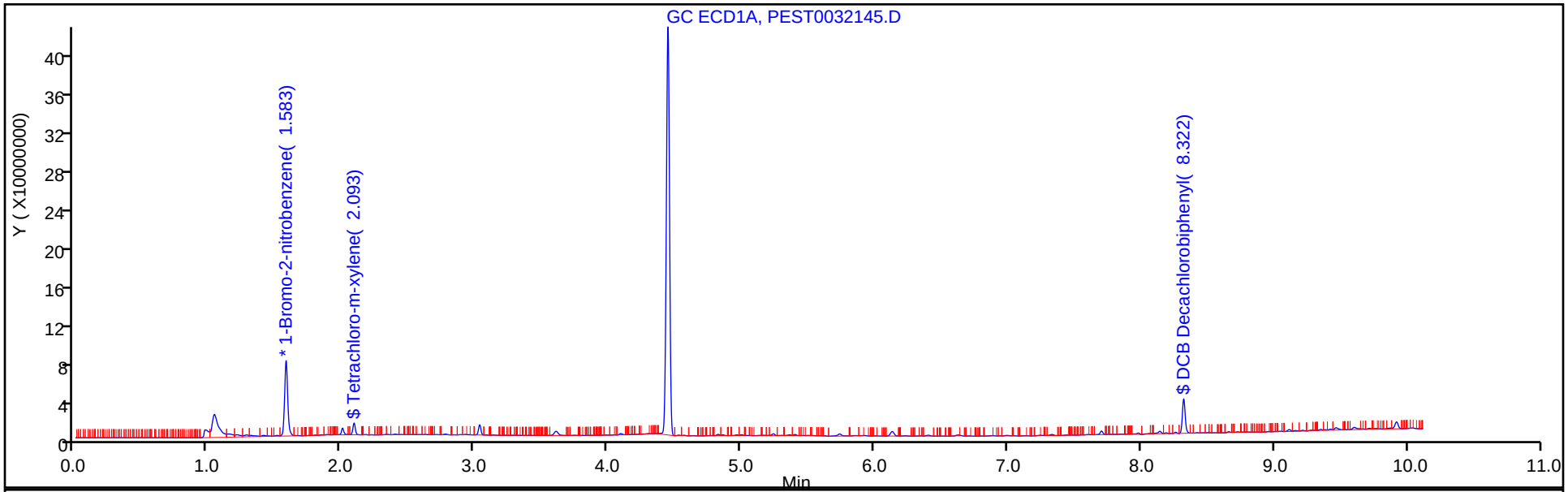
Reagents:

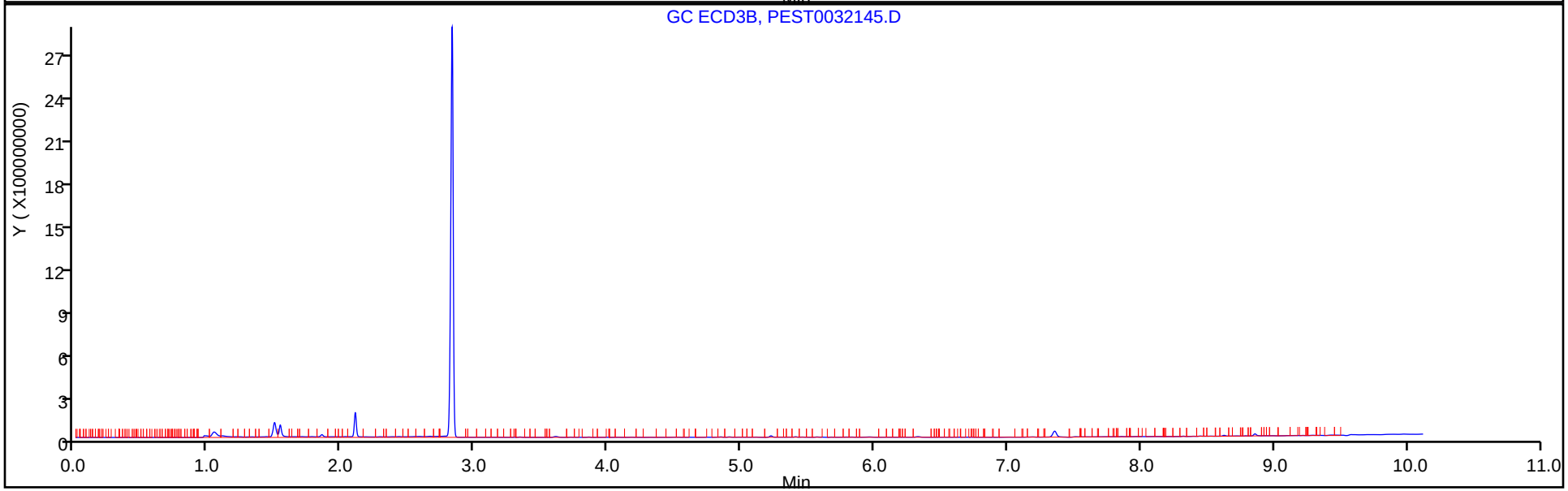
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:29 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D				
Injection Date:	01-Nov-2021 17:59:27	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-2-B	Lab Sample ID:	460-246210-2	Worklist Smp#:	20
Client ID:	SB-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	72
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

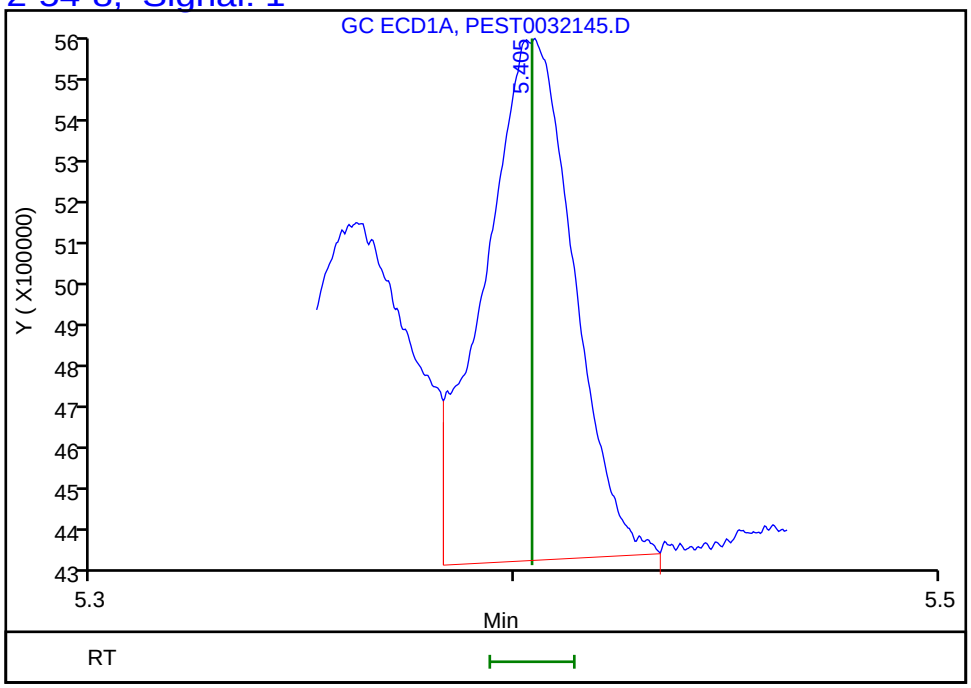
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.40

Response: 1647646

Amount: 1.245804



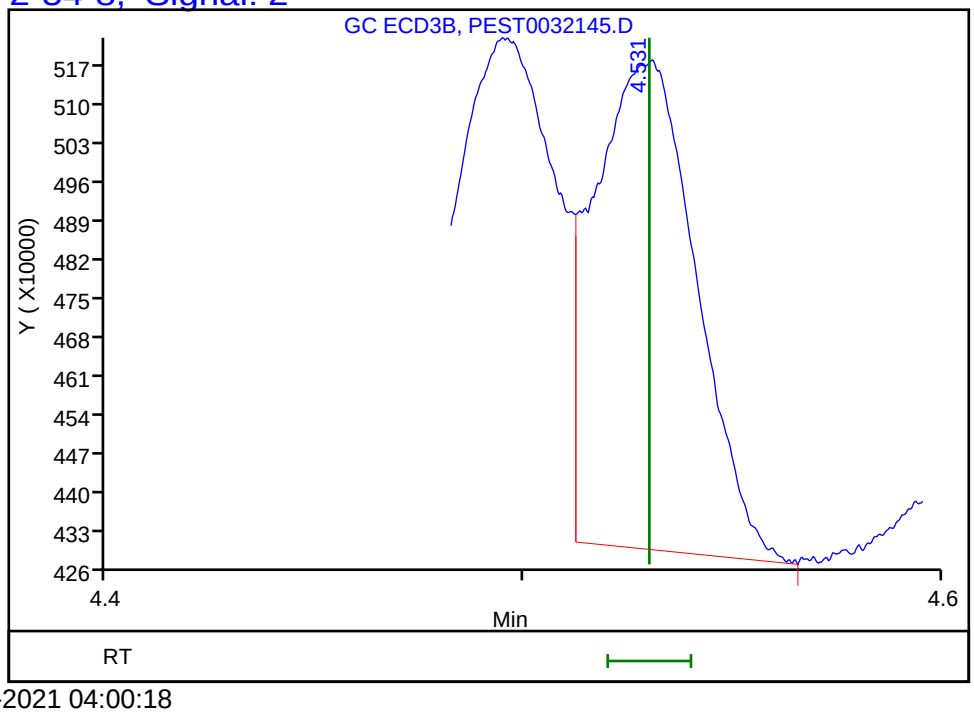
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53

Response: 1495318

Amount: 0.725015



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

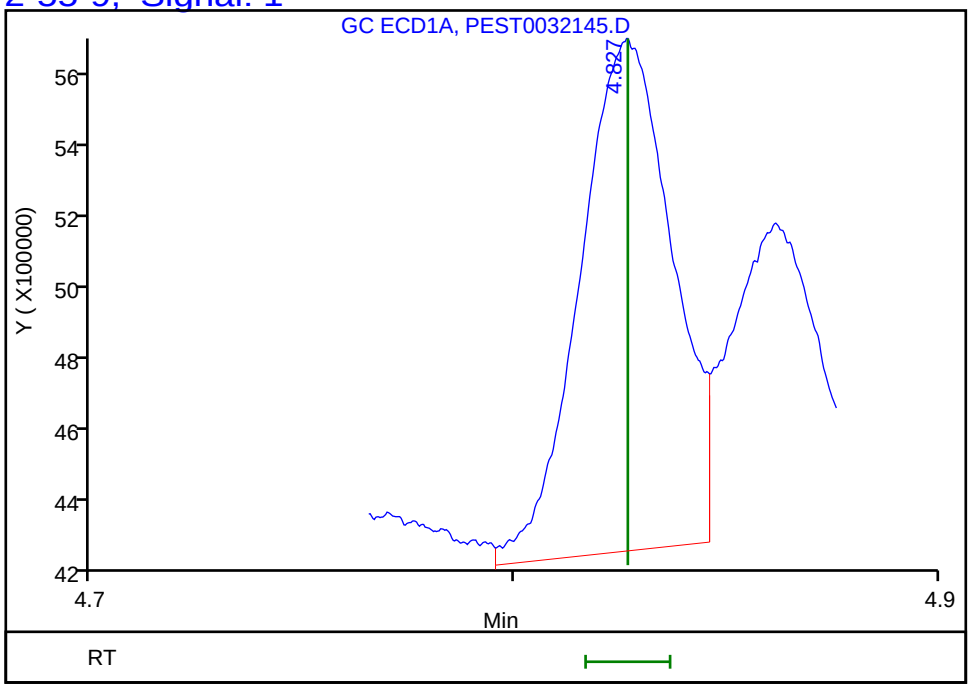
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 2009567

Amount: 1.260069



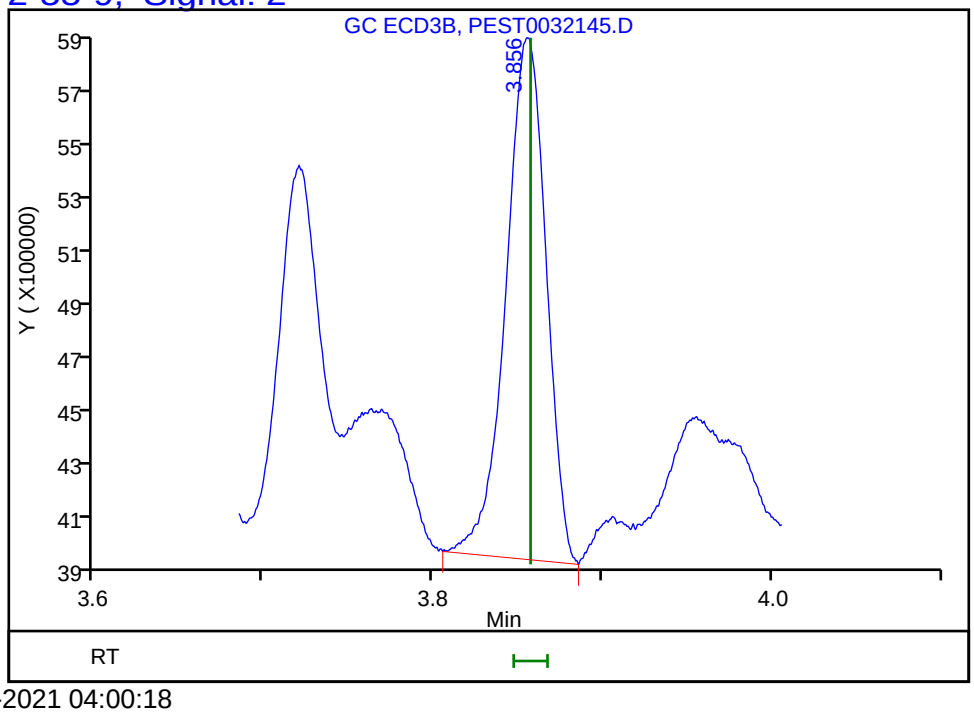
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3231912

Amount: 1.264842



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

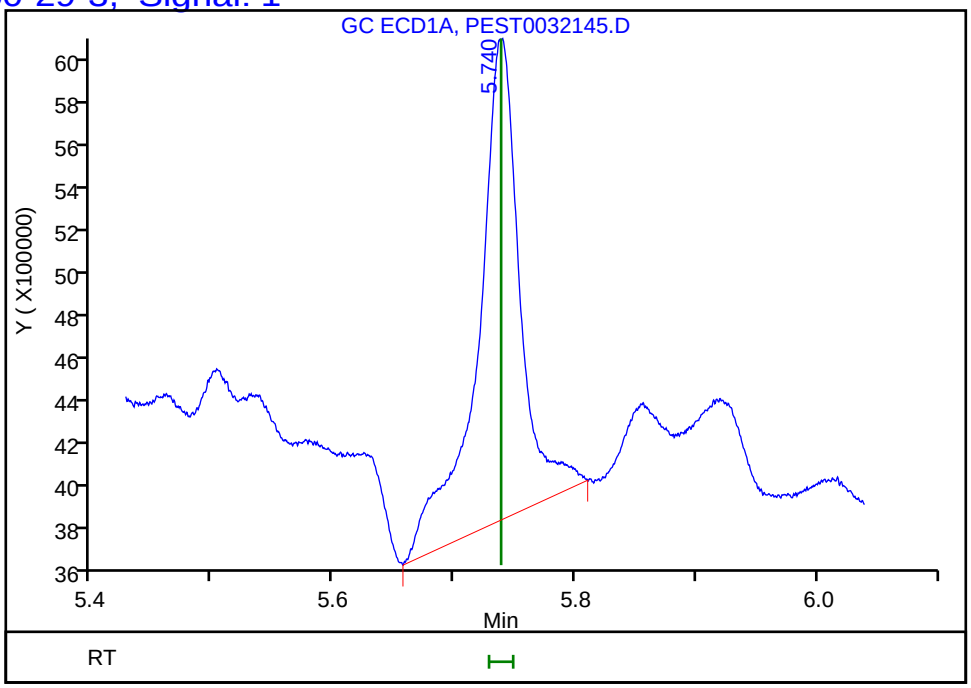
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 5273864

Amount: 4.194201



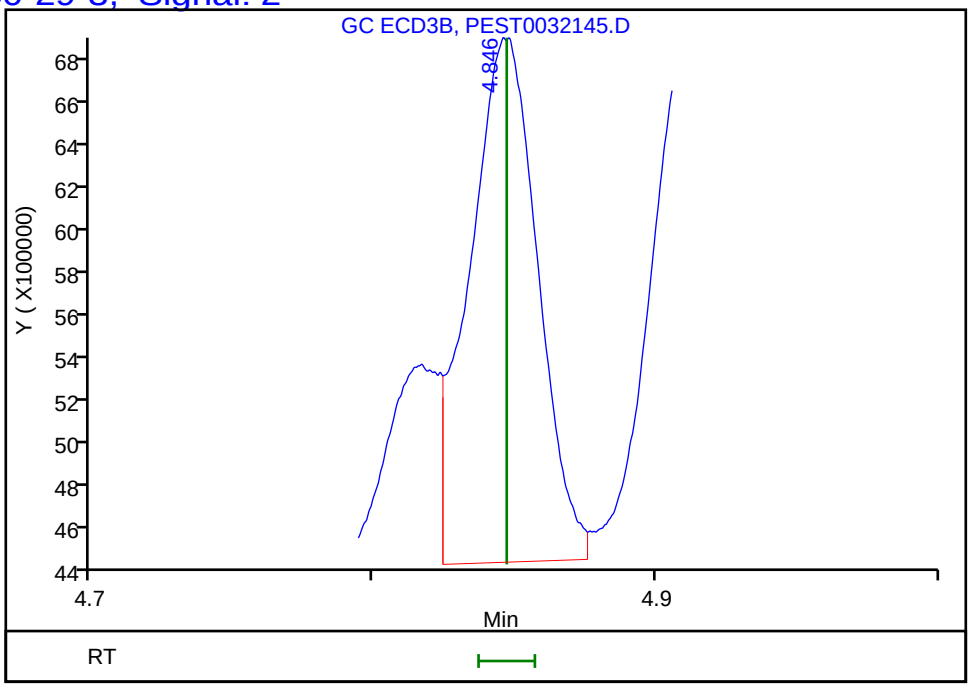
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 3878702

Amount: 1.813745



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

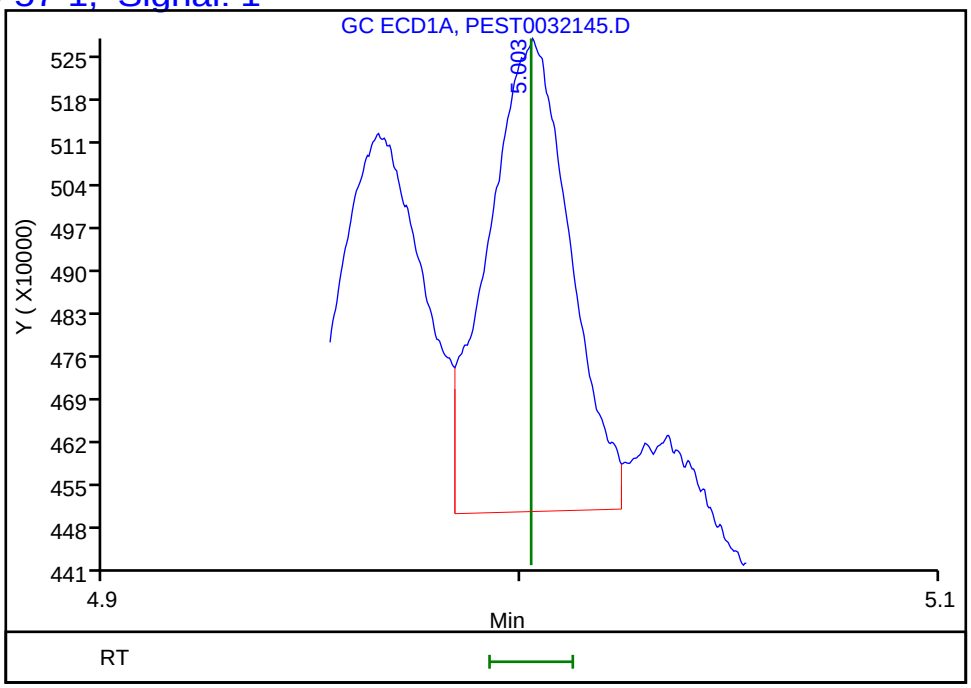
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 1057804

Amount: 0.653412



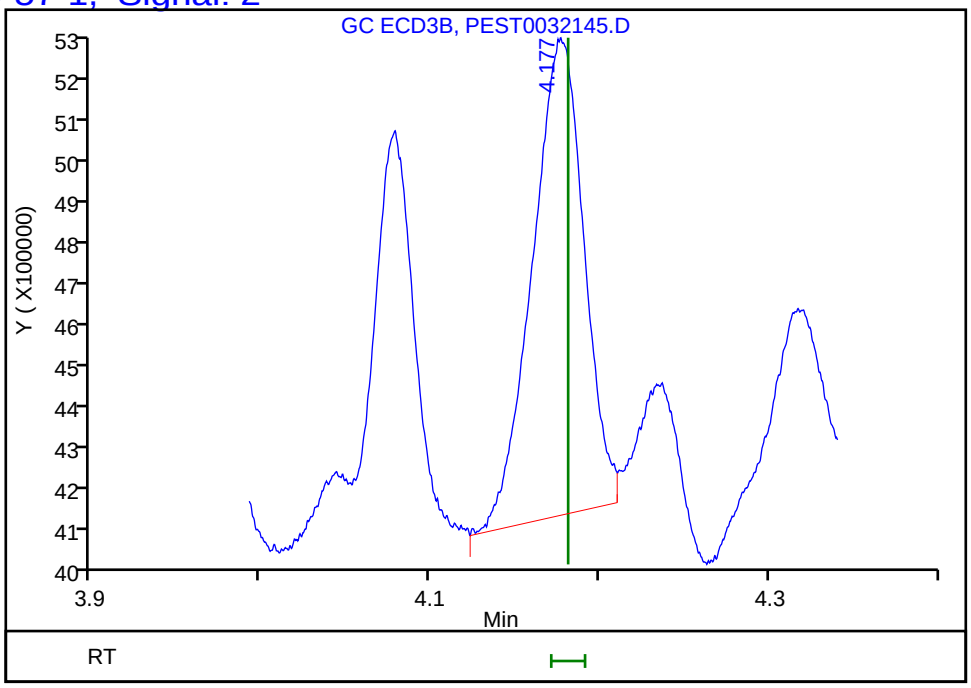
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 2343472

Amount: 0.927690



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

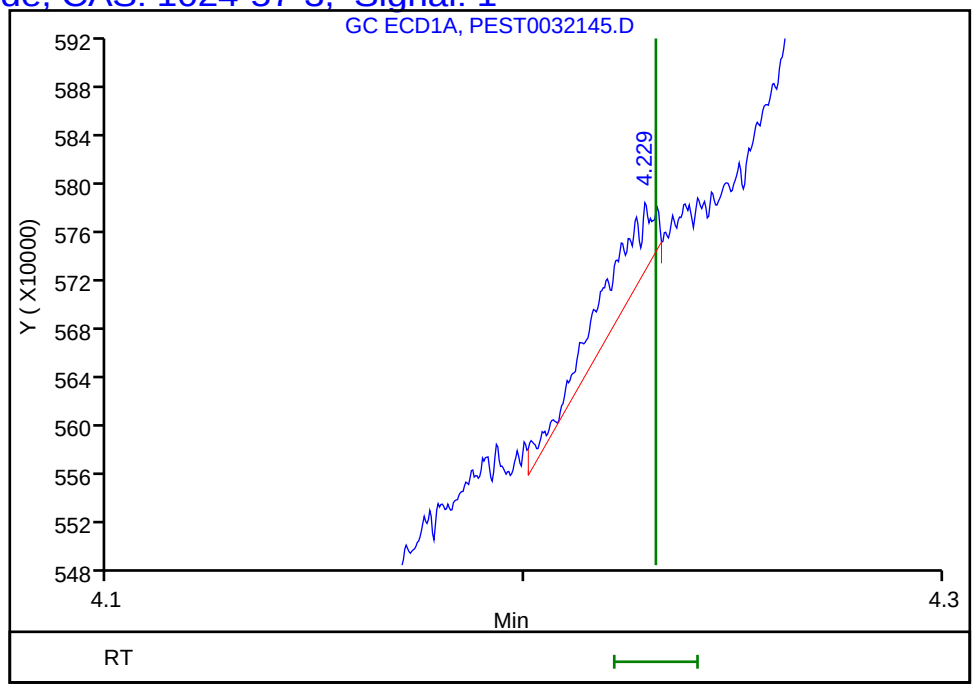
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D
Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12
Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2
Client ID: SB-2
Operator ID: ALS Bottle#: 72 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

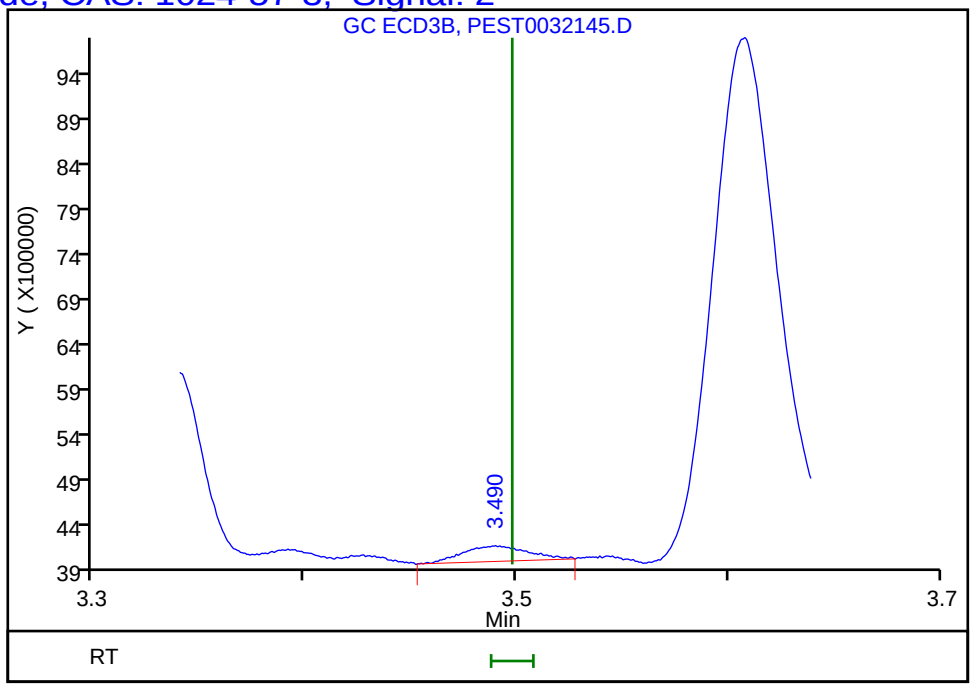
RT: 4.23
Response: 57338
Amount: 0.036834



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.49
Response: 369070
Amount: 0.149281



Reviewer: manlangitf, 02-Nov-2021 04:00:18
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

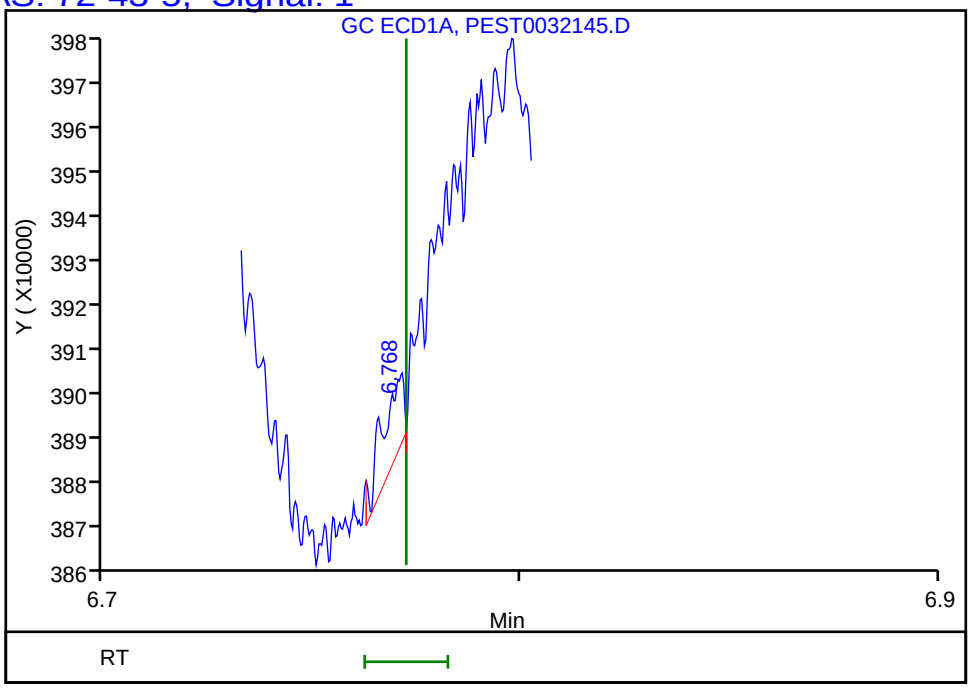
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 6477

Amount: 0.008976



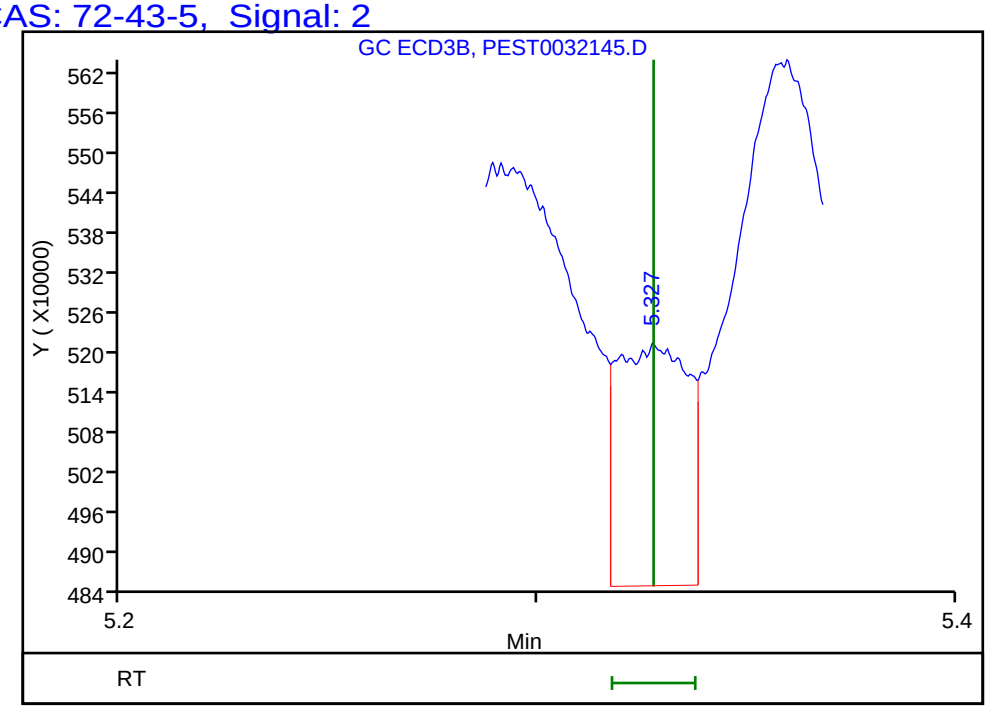
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 424804

Amount: 0.343024



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: SB-2 Lab Sample ID: 460-246210-2

Matrix: Solid Lab File ID: PEST0032145.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:55

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 17:59

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 11.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0011	U	0.0076	0.0011
319-84-6	alpha-BHC	0.00077	U	0.0023	0.00077
319-85-7	beta-BHC	0.00085	U	0.0023	0.00085
319-86-8	delta-BHC	0.00046	U	0.0023	0.00046
58-89-9	gamma-BHC (Lindane)	0.00070	U	0.0023	0.00070
12789-03-6	Chlordane (technical)	0.018	U	0.076	0.018
72-54-8	4,4'-DDD	0.0013	U	0.0076	0.0013
72-55-9	4,4'-DDE	0.00089	U	0.0076	0.00089
50-29-3	4,4'-DDT	0.0014	U	0.0076	0.0014
60-57-1	Dieldrin	0.00099	U	0.0023	0.00099
959-98-8	Endosulfan I	0.0012	U	0.0076	0.0012
33213-65-9	Endosulfan II	0.0019	U	0.0076	0.0019
1031-07-8	Endosulfan sulfate	0.00095	U	0.0076	0.00095
72-20-8	Endrin	0.0011	U	0.0076	0.0011
7421-93-4	Endrin aldehyde	0.0018	U	0.0076	0.0018
53494-70-5	Endrin ketone	0.0015	U	0.0076	0.0015
76-44-8	Heptachlor	0.00089	U	0.0076	0.00089
1024-57-3	Heptachlor epoxide	0.0011	U	0.0076	0.0011
72-43-5	Methoxychlor	0.0017	U	0.0076	0.0017
8001-35-2	Toxaphene	0.027	U	0.076	0.027

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	35		10-133
2051-24-3	DCB Decachlorobiphenyl	75		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D
Lims ID: 460-246210-F-2-B
Client ID: SB-2
Sample Type: Client
Inject. Date: 01-Nov-2021 17:59:27 ALS Bottle#: 72 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-020
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	126168851	100.0	
2	1.495	1.497	-0.002	173609980	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	15686226	10.1	
2	1.851	1.853	-0.002	40007672	17.7	
					RPD = 54.64	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	51898150	45.2	
2	7.353	7.353	0.000	90318502	37.7	
					RPD = 18.11	

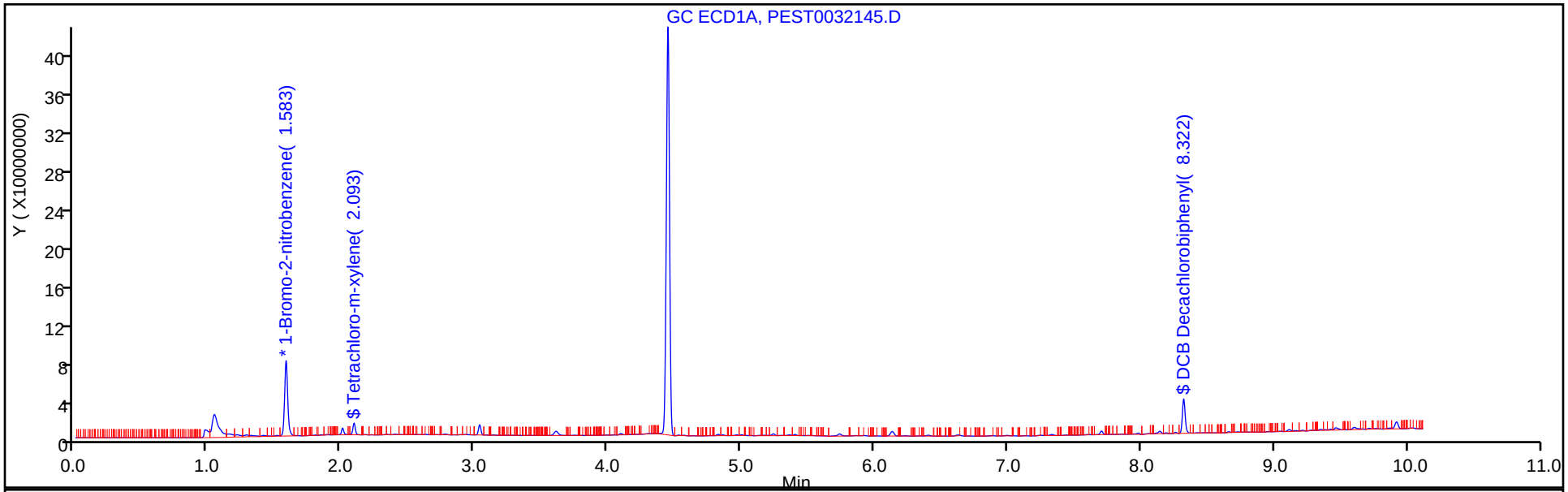
QC Flag Legend
Processing Flags

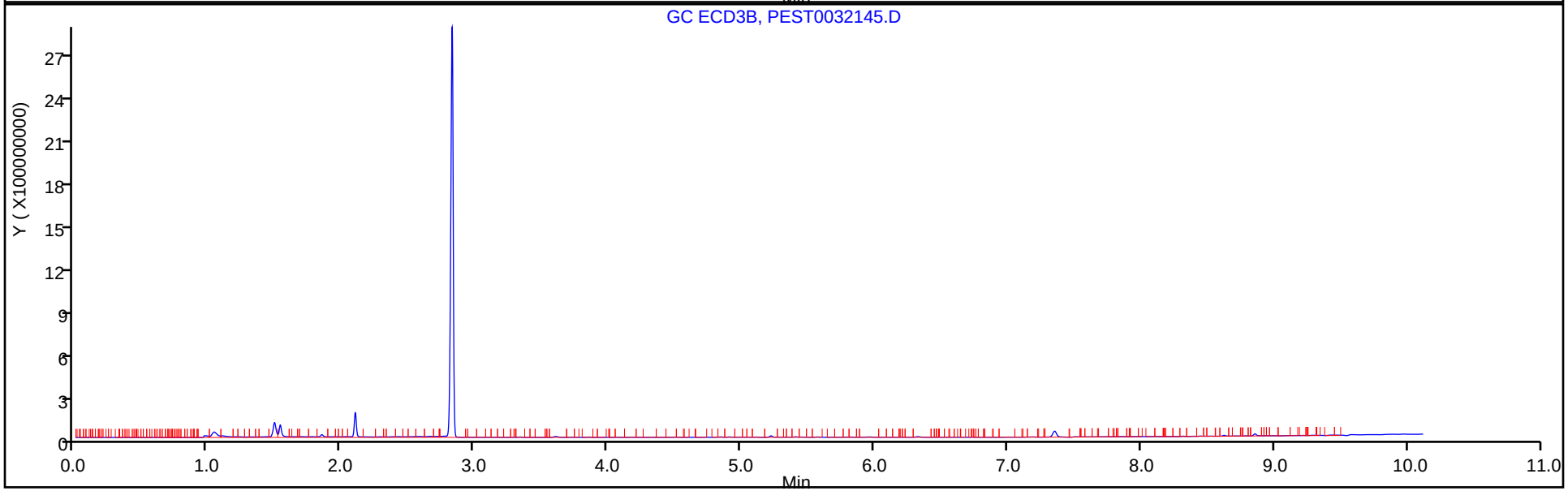
Reagents:
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:30 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D				
Injection Date:	01-Nov-2021 17:59:27	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-2-B	Lab Sample ID:	460-246210-2	Worklist Smp#:	20
Client ID:	SB-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	72
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

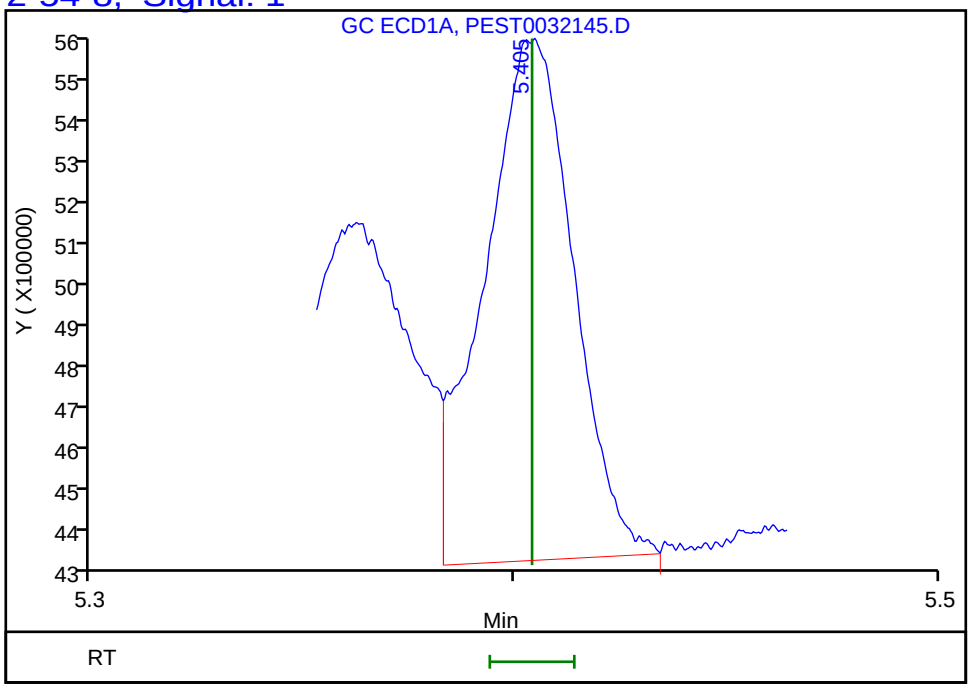
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.40

Response: 1647646

Amount: 1.245804



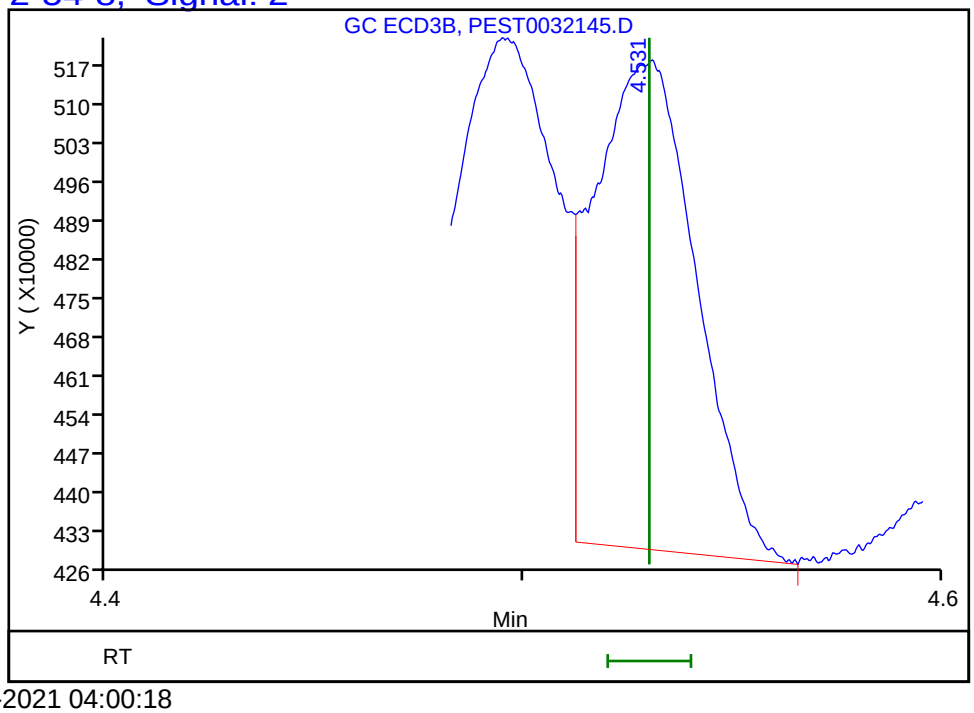
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53

Response: 1495318

Amount: 0.725015



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

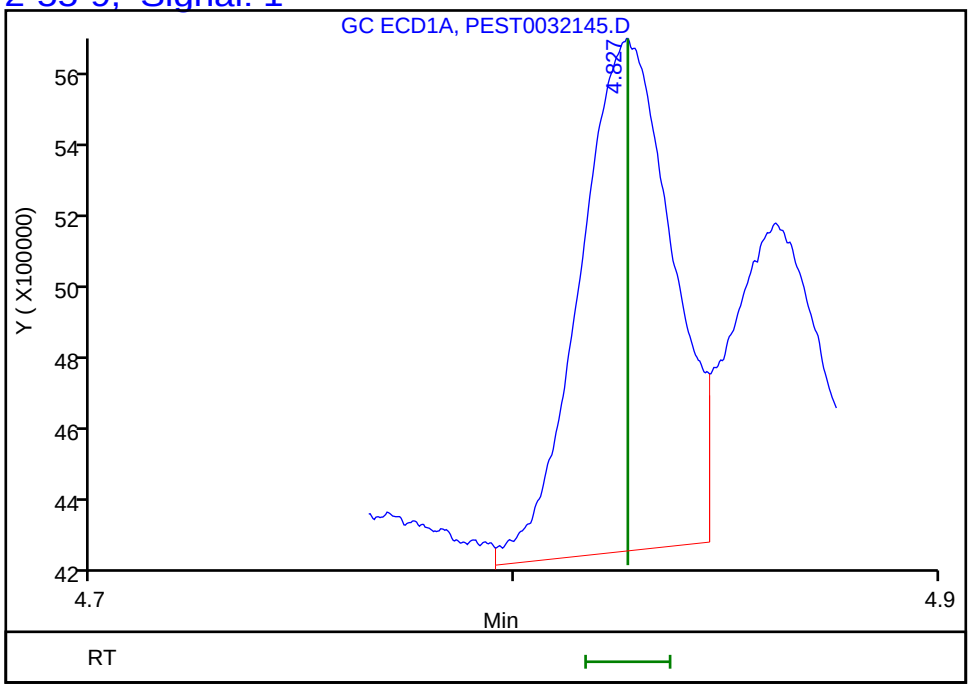
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 2009567

Amount: 1.260069



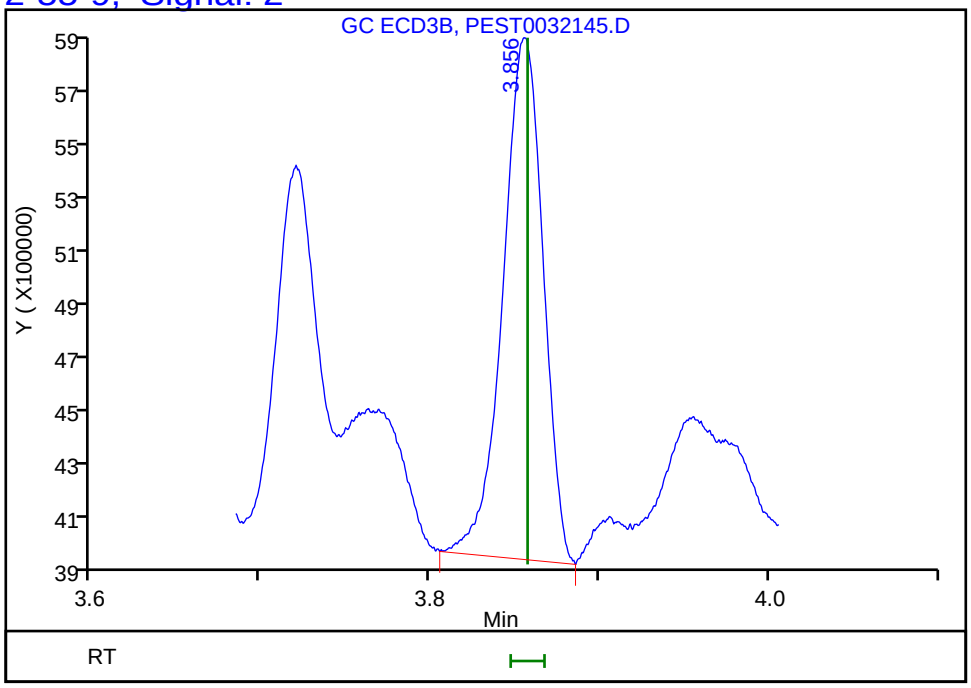
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3231912

Amount: 1.264842



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

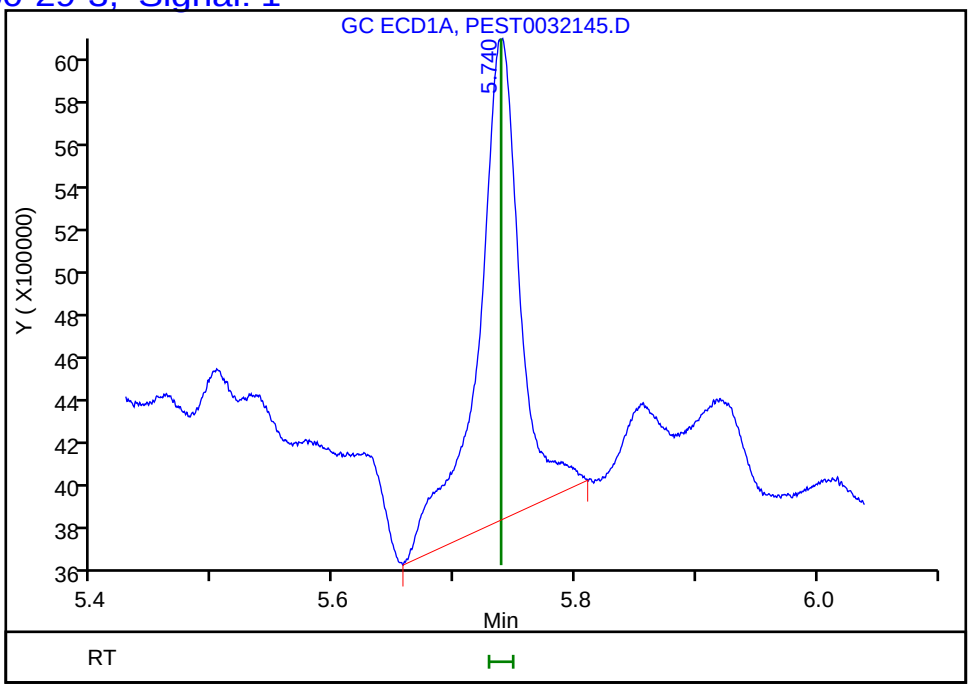
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 5273864

Amount: 4.194201



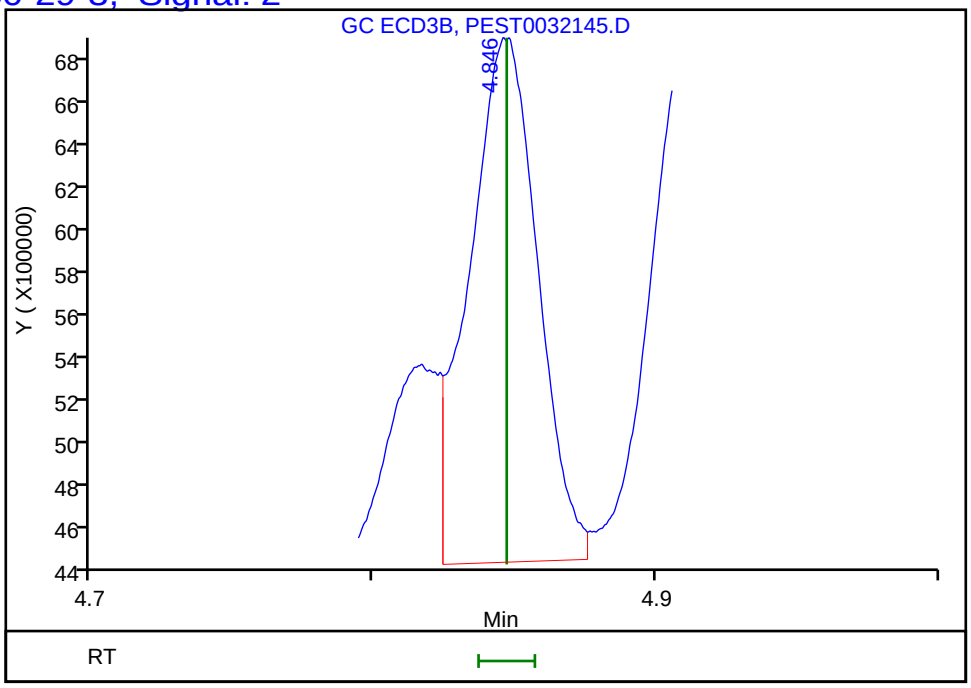
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 3878702

Amount: 1.813745



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

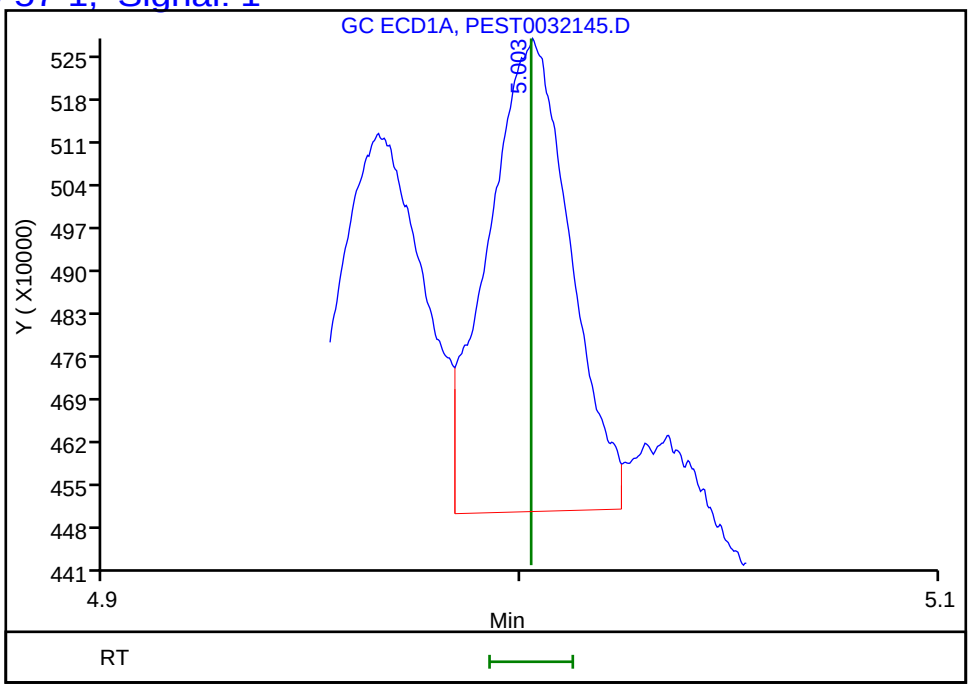
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 1057804

Amount: 0.653412



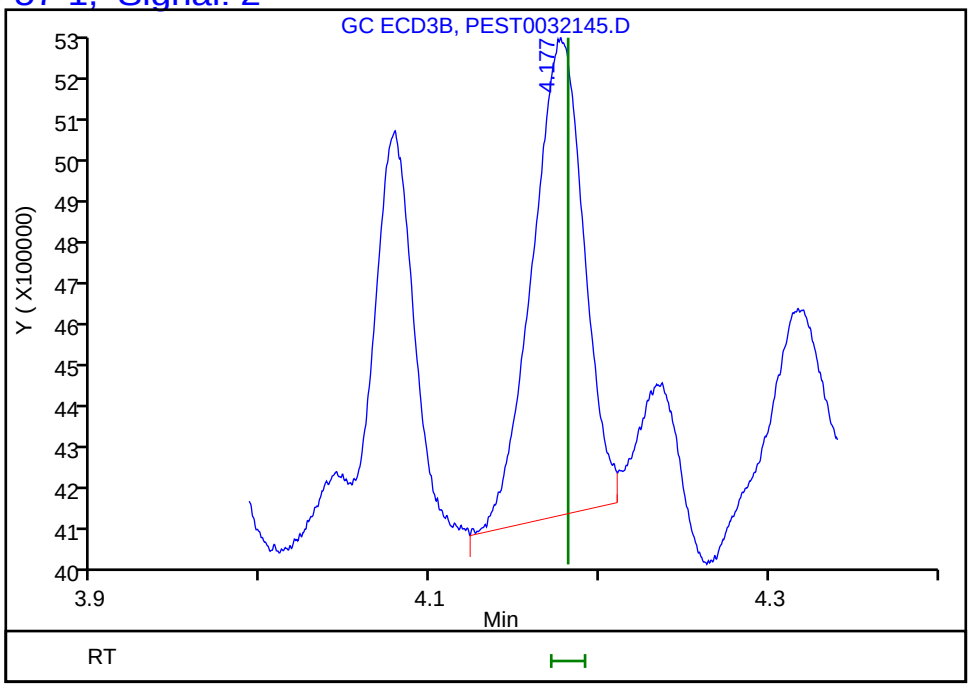
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 2343472

Amount: 0.927690



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

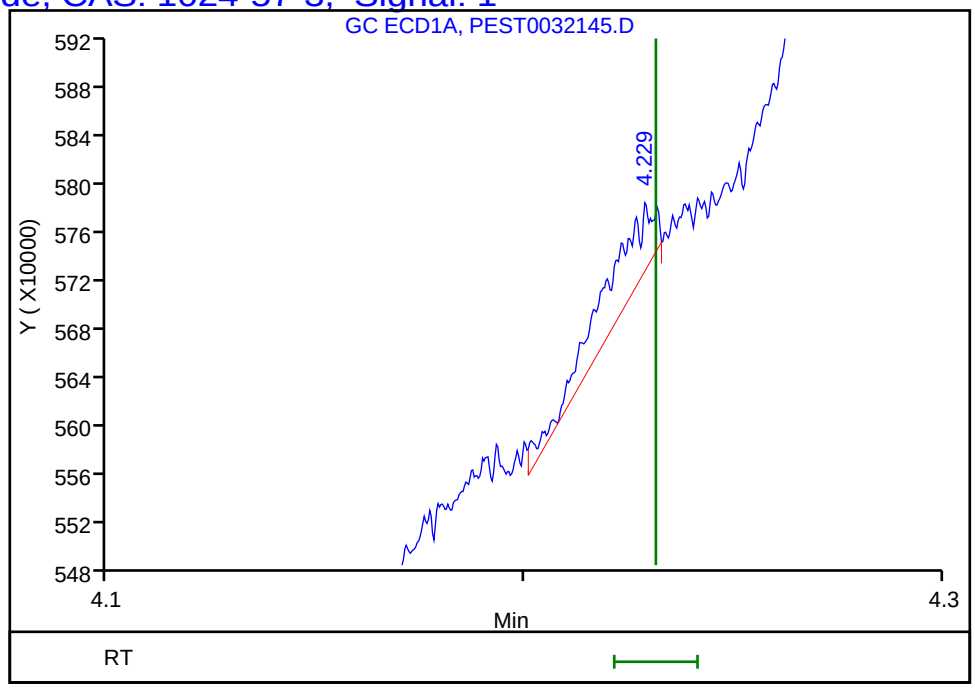
Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

RT: 4.23

Response: 57338

Amount: 0.036834



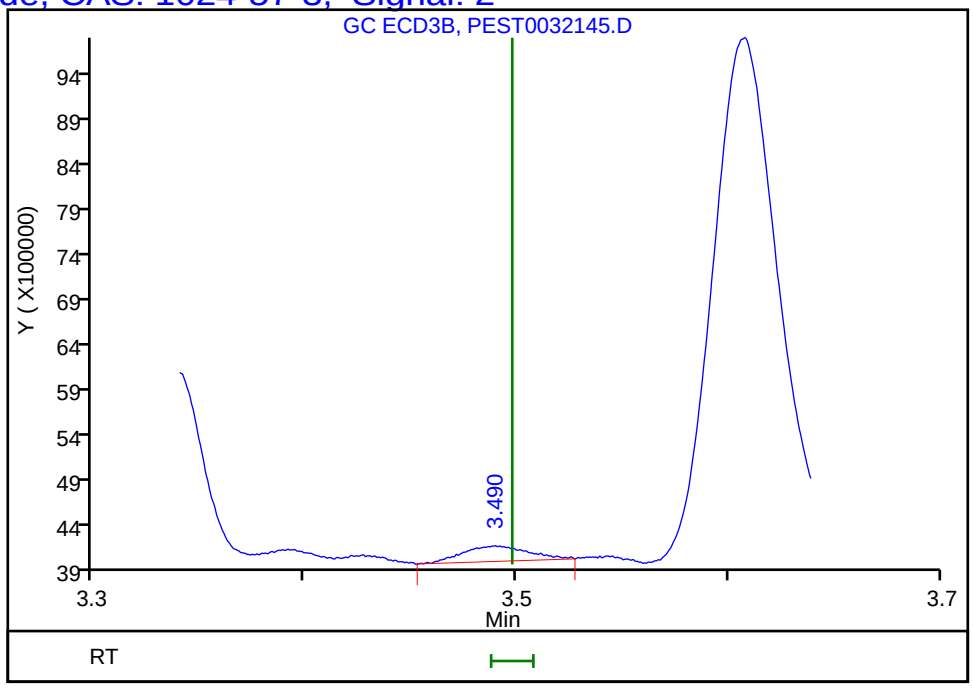
Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.49

Response: 369070

Amount: 0.149281



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032145.D

Injection Date: 01-Nov-2021 17:59:27 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-2-B Lab Sample ID: 460-246210-2

Client ID: SB-2

Operator ID: ALS Bottle#: 72 Worklist Smp#: 20

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

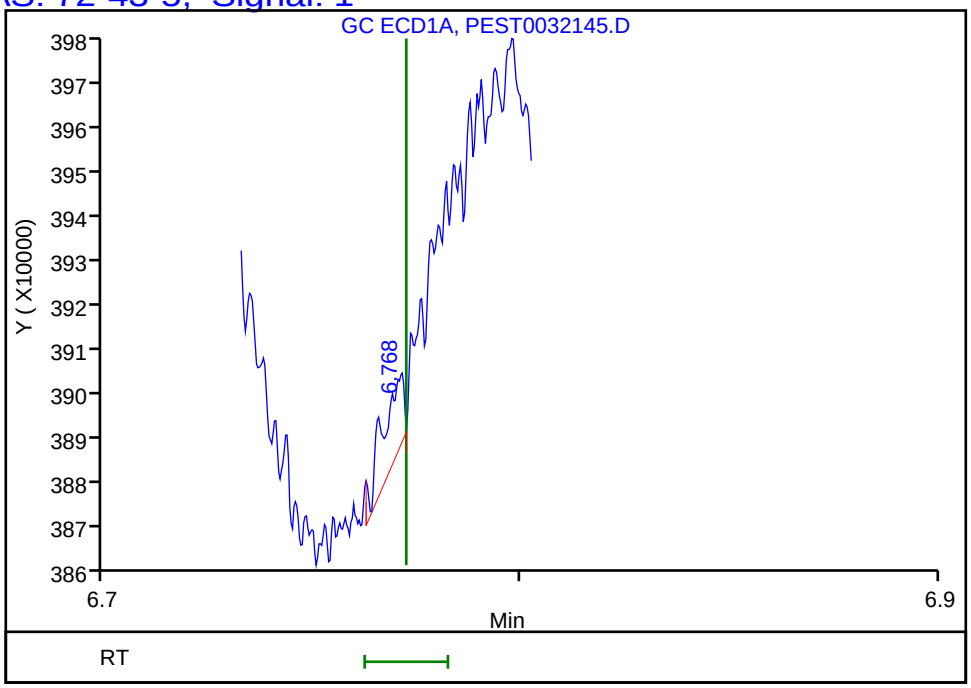
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 6477

Amount: 0.008976



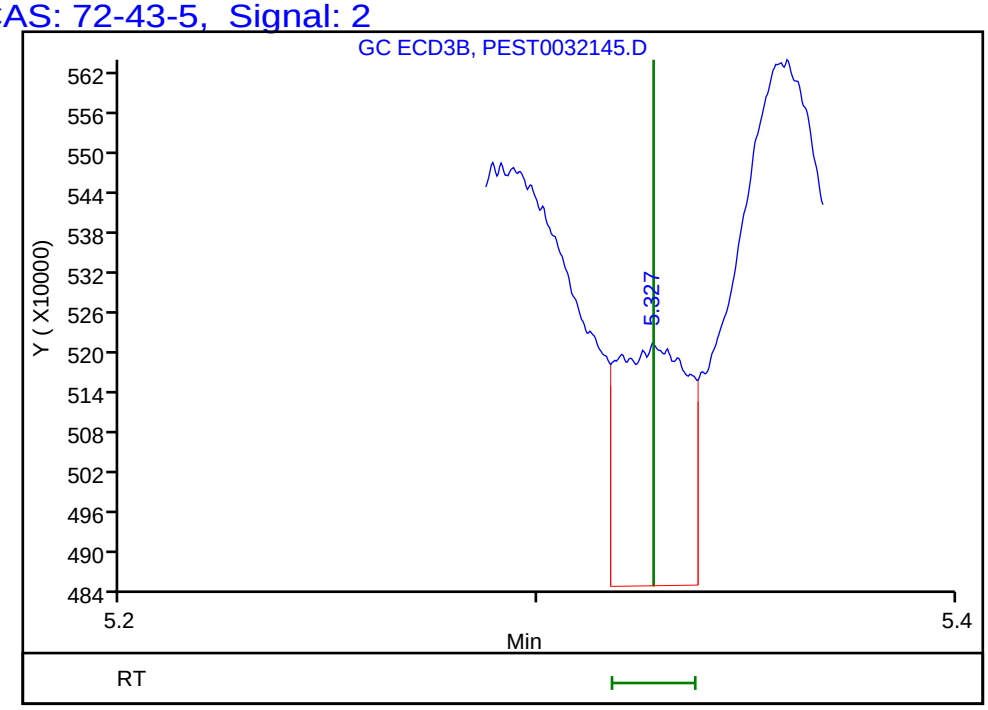
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 424804

Amount: 0.343024



Reviewer: manlangitf, 02-Nov-2021 04:00:18

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: PEST0032146.D

Analysis Method: 8081B Date Collected: 10/28/2021 07:55

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	41		10-133
2051-24-3	DCB Decachlorobiphenyl	95		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D
Lims ID: 460-246210-F-3-B
Client ID: HA-1
Sample Type: Client
Inject. Date: 01-Nov-2021 18:11:48 ALS Bottle#: 73 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-021
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	141007166	100.0	
2	1.497	1.497	0.000	187900661	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	35784188	20.7	
2	1.852	1.853	-0.001	52328818	21.4	
					RPD = 3.65	
$ 24 DCB Decachlorobiphenyl						
1	8.327	8.322	0.005	61081692	47.6	
2	7.354	7.353	0.001	99985154	38.6	
					RPD = 21.00	

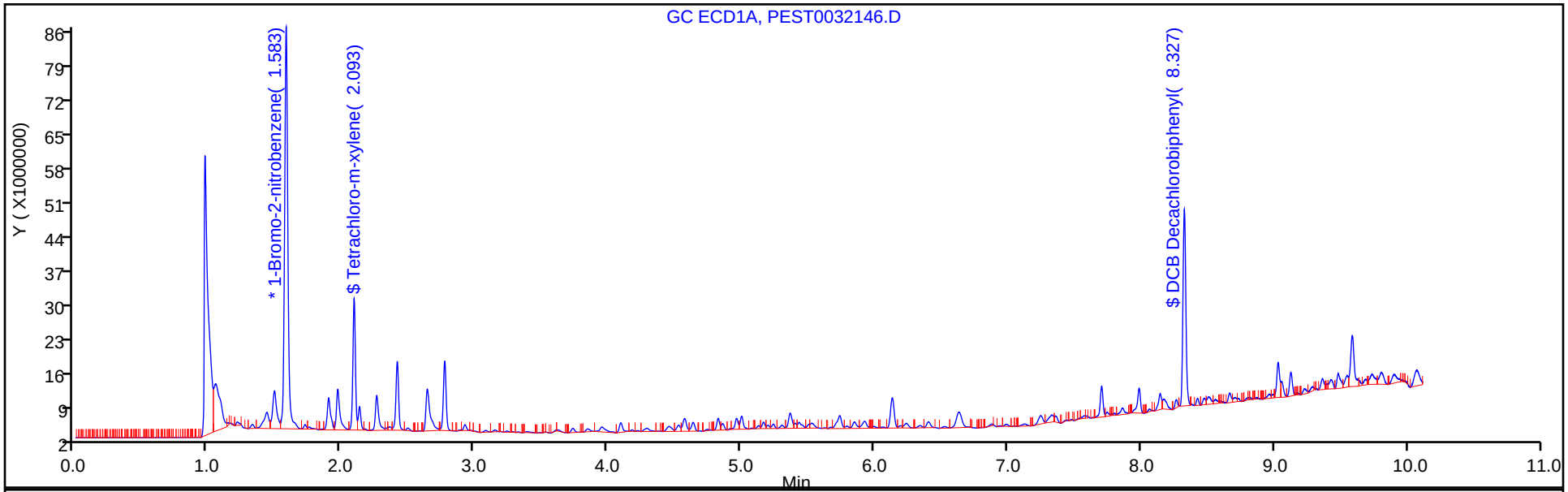
Reagents:

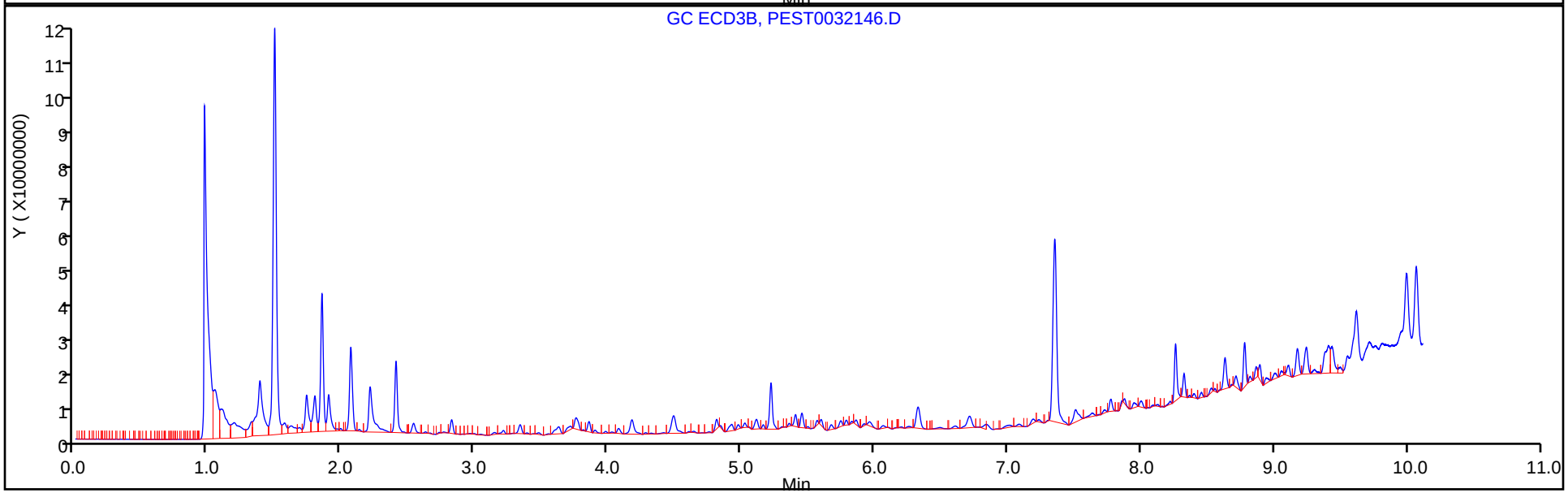
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:32 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D				
Injection Date:	01-Nov-2021 18:11:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-3-B	Lab Sample ID:	460-246210-3	Worklist Smp#:	21
Client ID:	HA-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	73
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

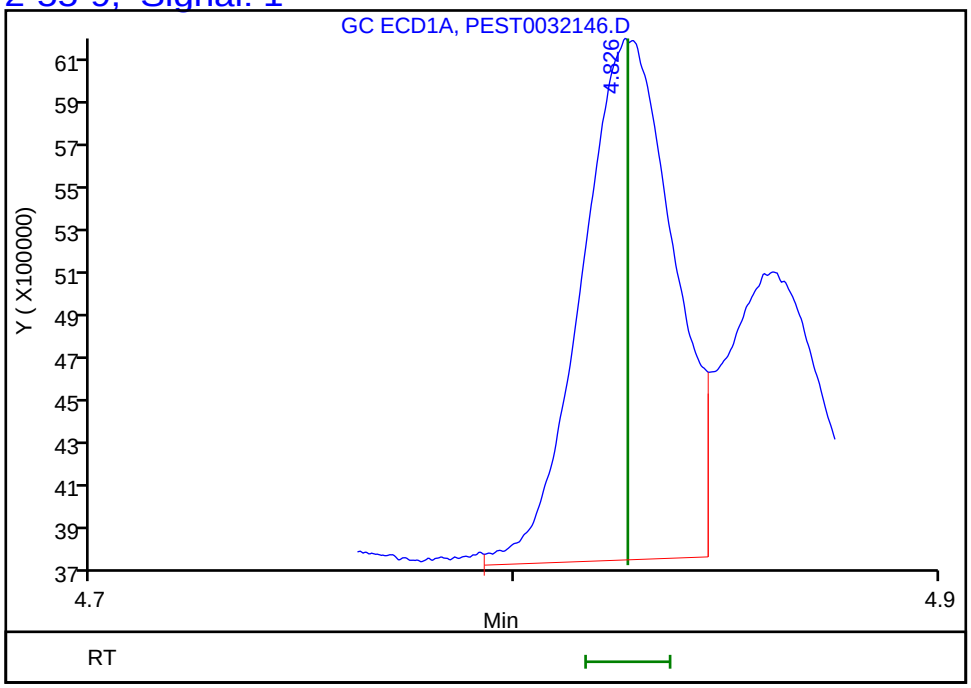
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 3639533

Amount: 2.041965



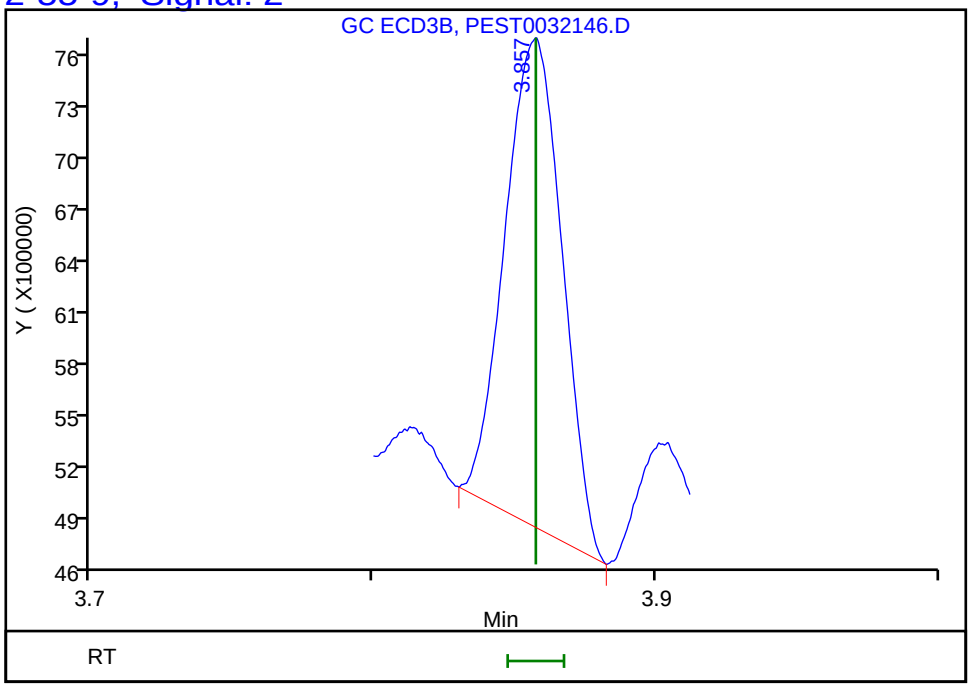
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3922816

Amount: 1.418473



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

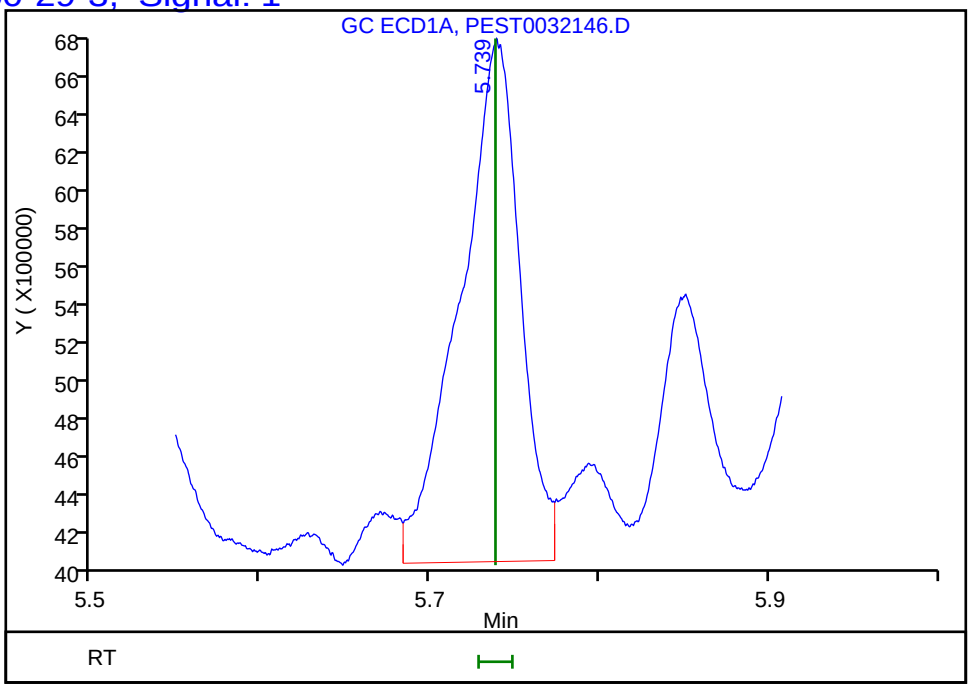
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 6447605

Amount: 4.588067



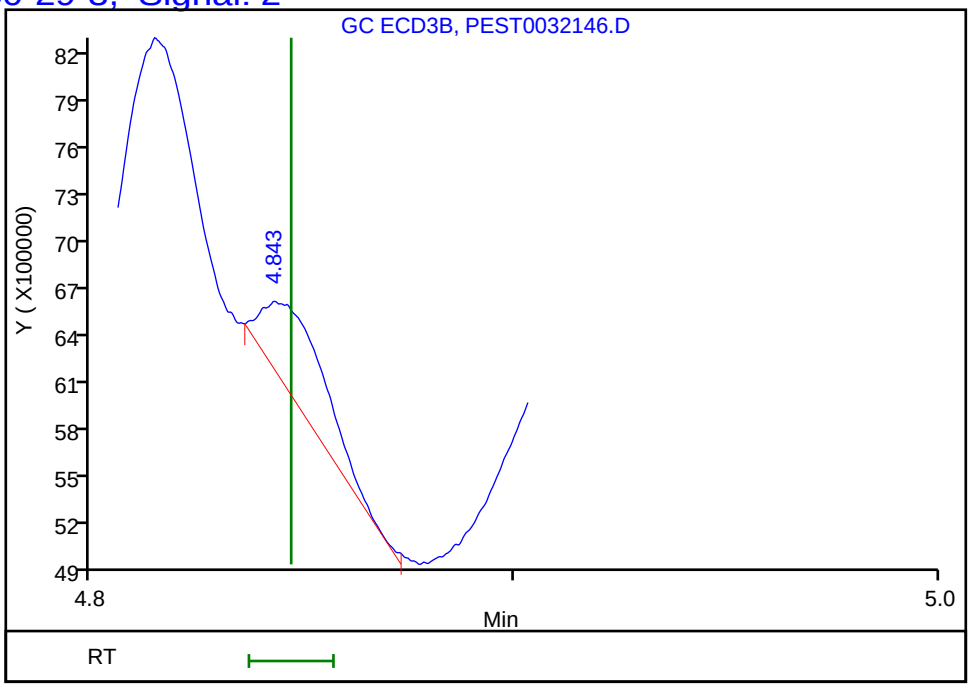
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.84

Response: 582216

Amount: 0.251548



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

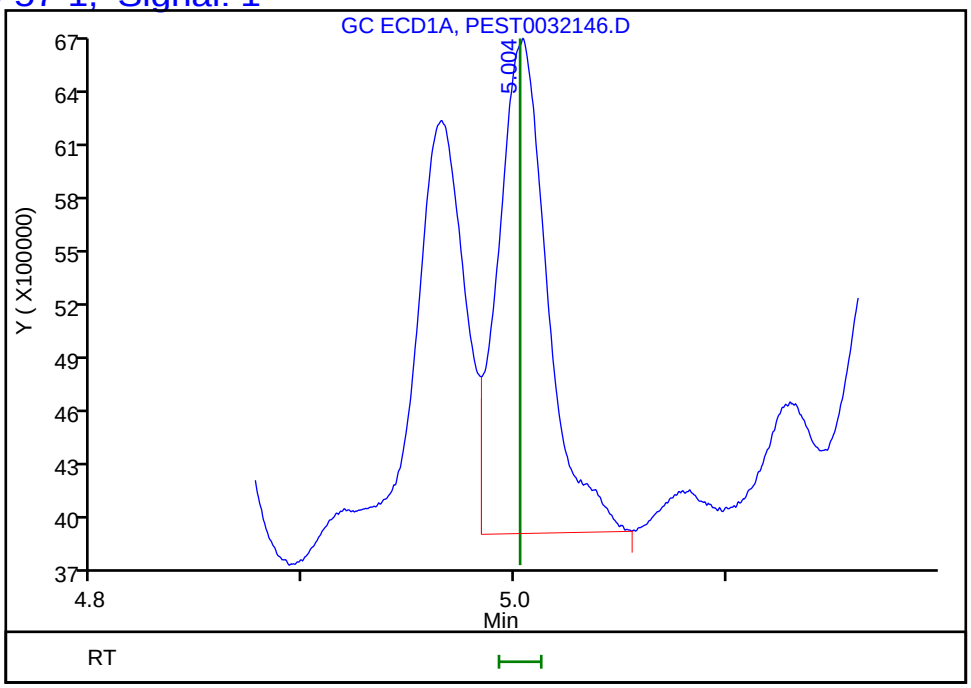
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 4302859

Amount: 2.378210



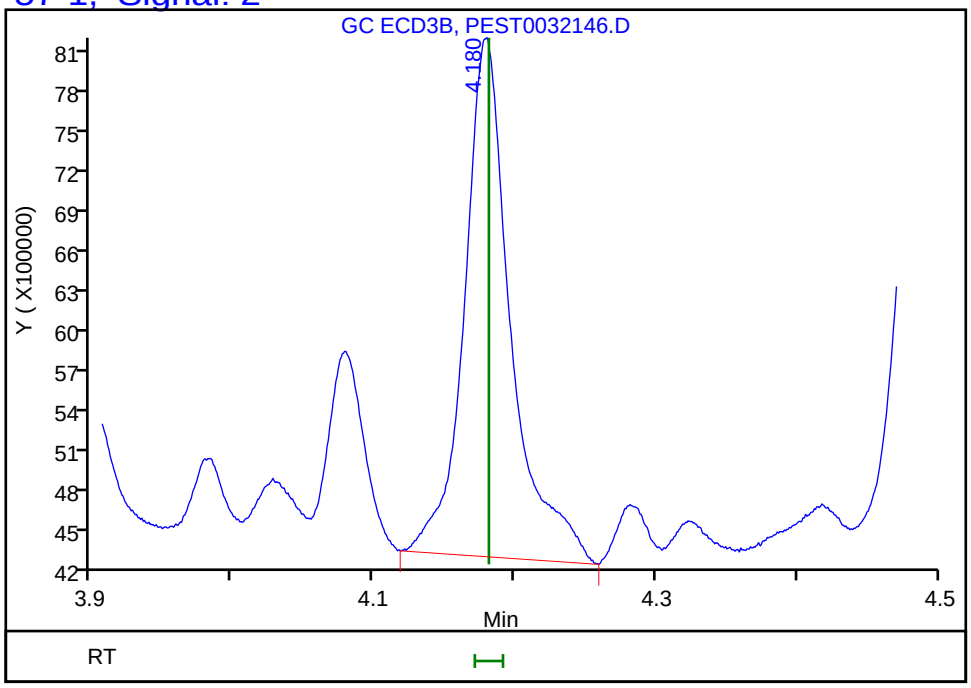
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 8767762

Amount: 3.206846



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

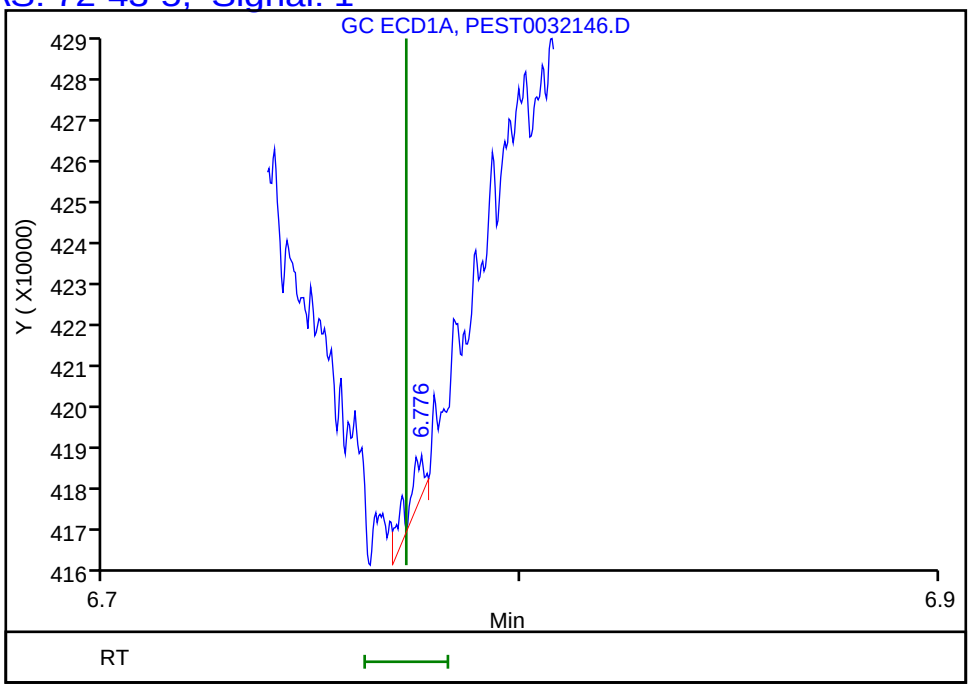
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.78

Response: 3178

Amount: 0.003941



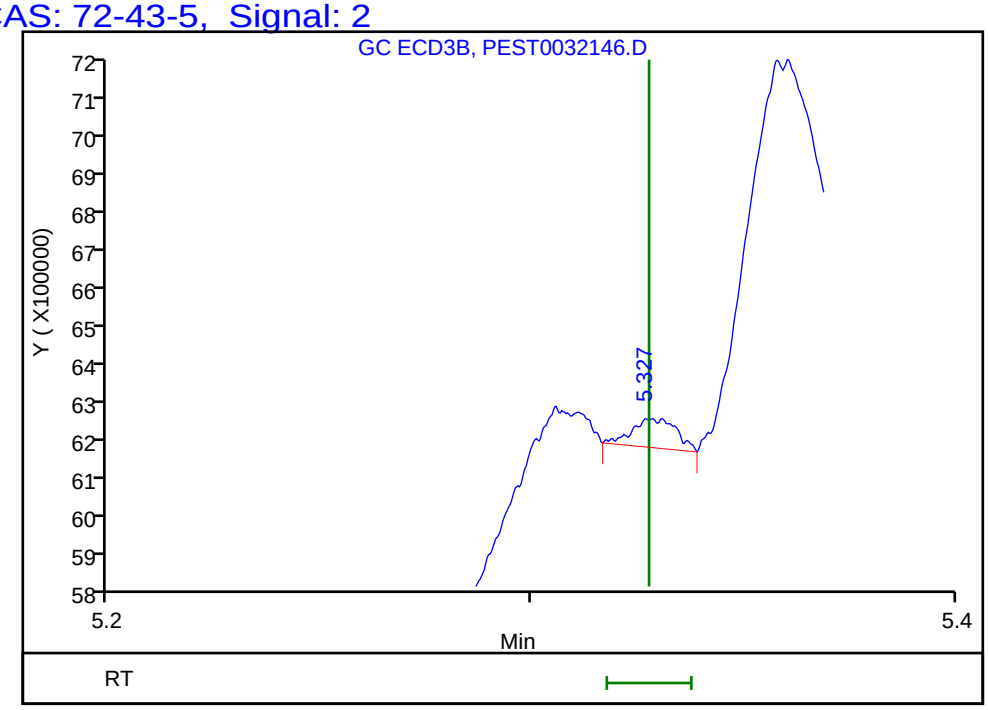
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 54280

Amount: 0.040497



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-1 Lab Sample ID: 460-246210-3

Matrix: Solid Lab File ID: PEST0032146.D

Analysis Method: 8081B Date Collected: 10/28/2021 07:55

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 20.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0013	U	0.0084	0.0013
319-84-6	alpha-BHC	0.00086	U	0.0025	0.00086
319-85-7	beta-BHC	0.00094	U	0.0025	0.00094
319-86-8	delta-BHC	0.00052	U	0.0025	0.00052
58-89-9	gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078
12789-03-6	Chlordane (technical)	0.020	U	0.084	0.020
72-54-8	4,4'-DDD	0.0014	U	0.0084	0.0014
72-55-9	4,4'-DDE	0.00099	U	0.0084	0.00099
50-29-3	4,4'-DDT	0.0015	U	0.0084	0.0015
60-57-1	Dieldrin	0.0011	U	0.0025	0.0011
959-98-8	Endosulfan I	0.0013	U	0.0084	0.0013
33213-65-9	Endosulfan II	0.0022	U	0.0084	0.0022
1031-07-8	Endosulfan sulfate	0.0011	U	0.0084	0.0011
72-20-8	Endrin	0.0012	U	0.0084	0.0012
7421-93-4	Endrin aldehyde	0.0020	U	0.0084	0.0020
53494-70-5	Endrin ketone	0.0016	U	0.0084	0.0016
76-44-8	Heptachlor	0.00099	U	0.0084	0.00099
1024-57-3	Heptachlor epoxide	0.0013	U	0.0084	0.0013
72-43-5	Methoxychlor	0.0019	U	0.0084	0.0019
8001-35-2	Toxaphene	0.030	U	0.084	0.030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	43		10-133
2051-24-3	DCB Decachlorobiphenyl	77		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D
Lims ID: 460-246210-F-3-B
Client ID: HA-1
Sample Type: Client
Inject. Date: 01-Nov-2021 18:11:48 ALS Bottle#: 73 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-021
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	141007166	100.0	
2	1.497	1.497	0.000	187900661	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	35784188	20.7	
2	1.852	1.853	-0.001	52328818	21.4	
					RPD = 3.65	
$ 24 DCB Decachlorobiphenyl						
1	8.327	8.322	0.005	61081692	47.6	
2	7.354	7.353	0.001	99985154	38.6	
					RPD = 21.00	

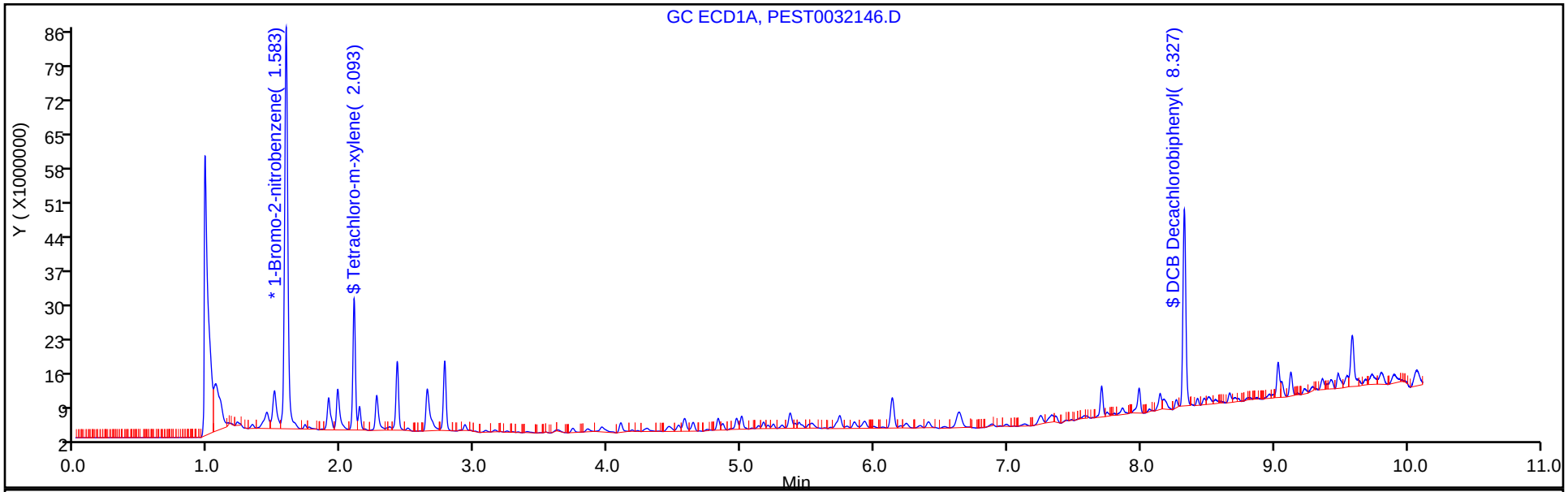
Reagents:

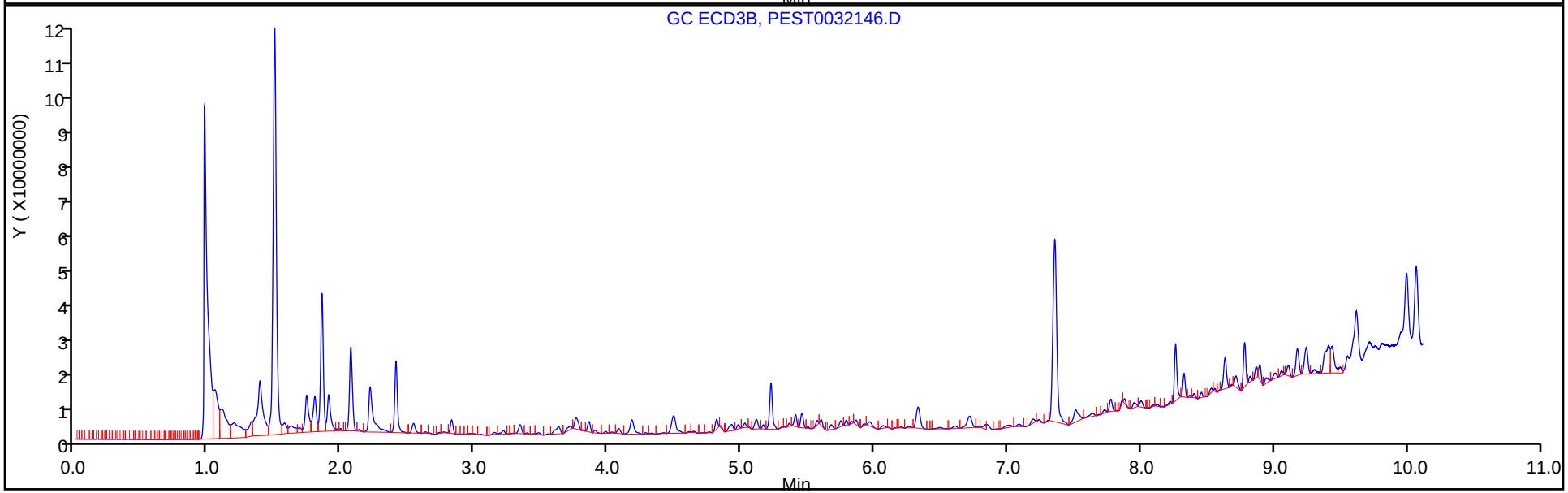
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:32 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D				
Injection Date:	01-Nov-2021 18:11:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-3-B	Lab Sample ID:	460-246210-3	Worklist Smp#:	21
Client ID:	HA-1				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	73
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

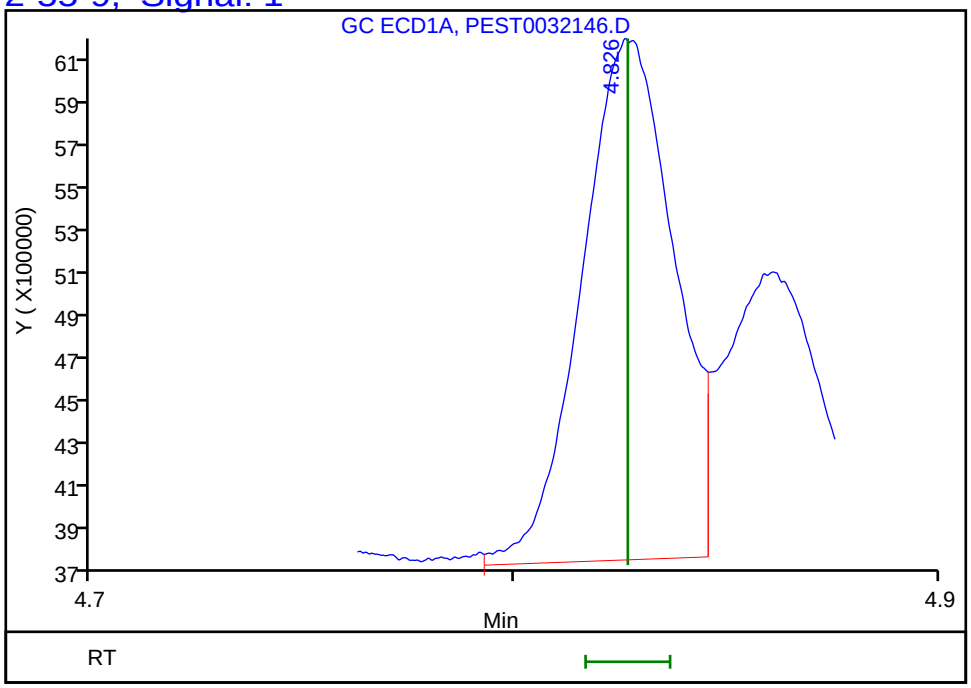
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 3639533

Amount: 2.041965



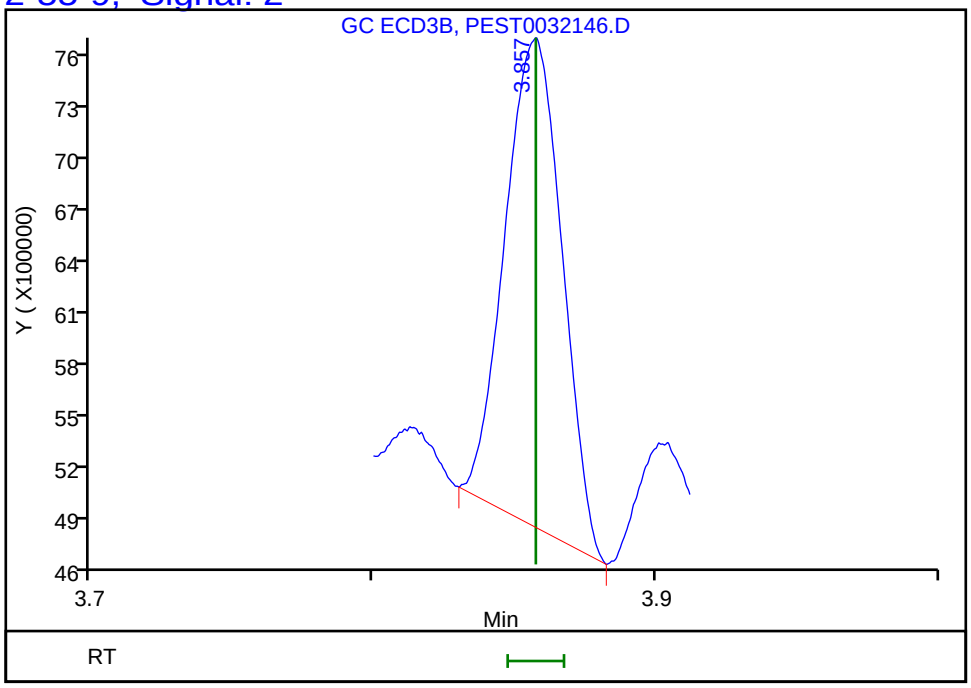
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3922816

Amount: 1.418473



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

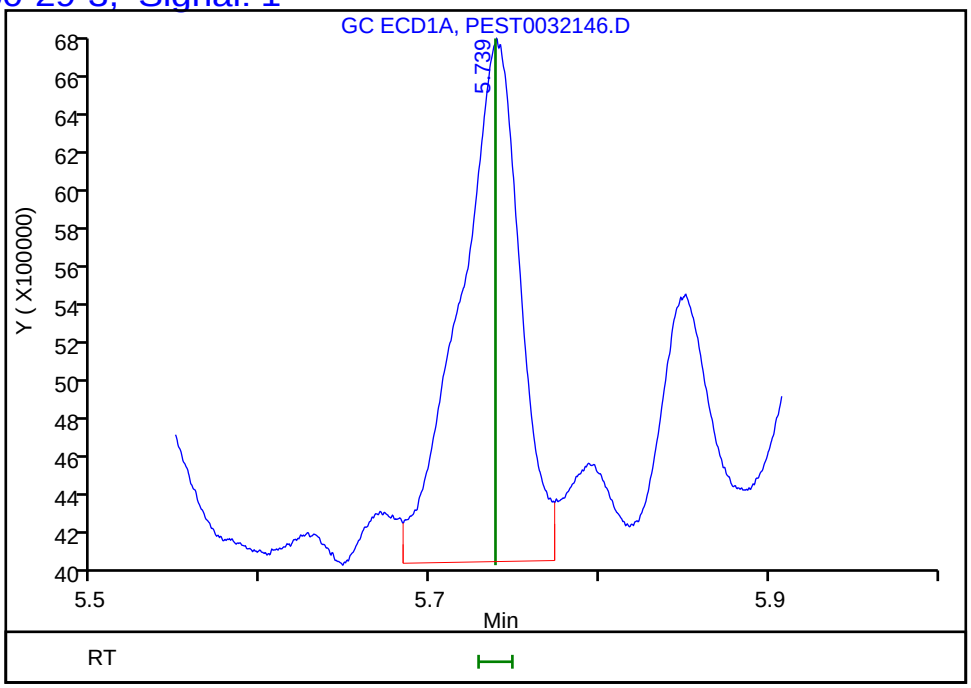
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 6447605

Amount: 4.588067



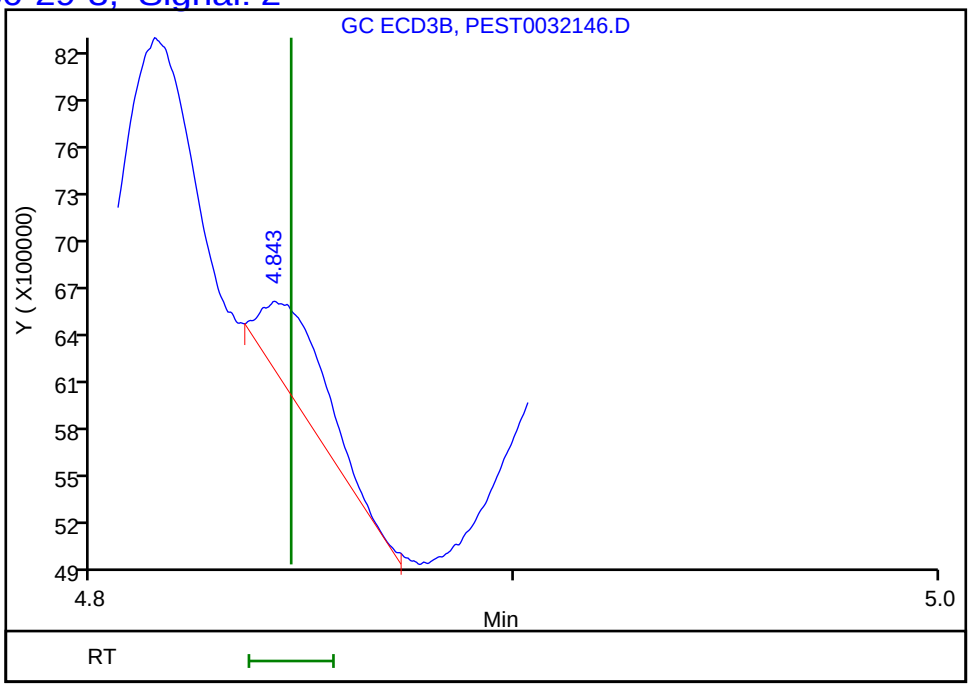
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.84

Response: 582216

Amount: 0.251548



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

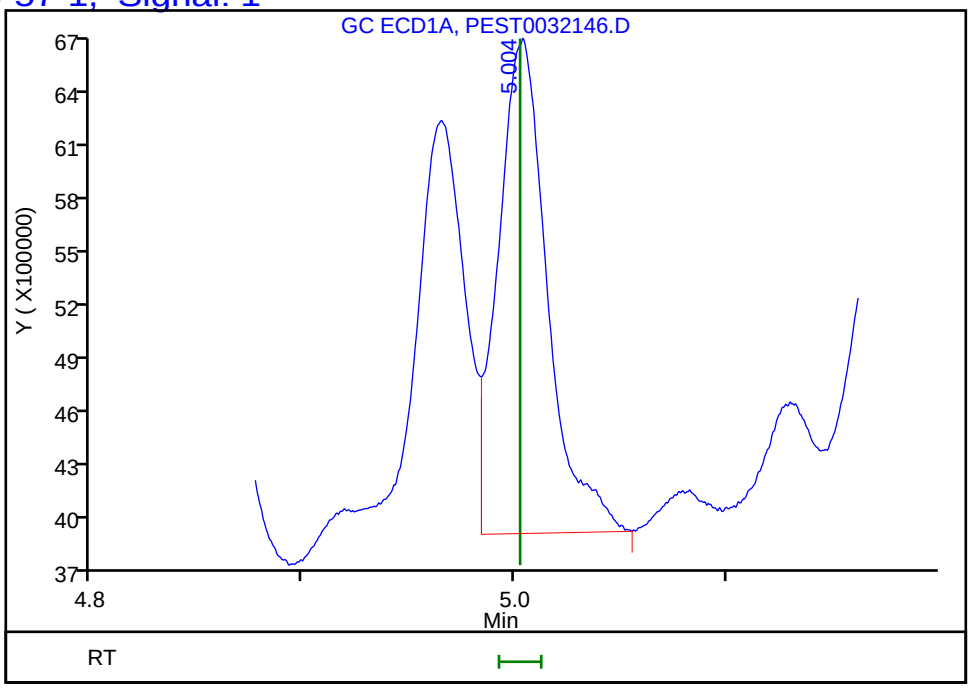
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 4302859

Amount: 2.378210



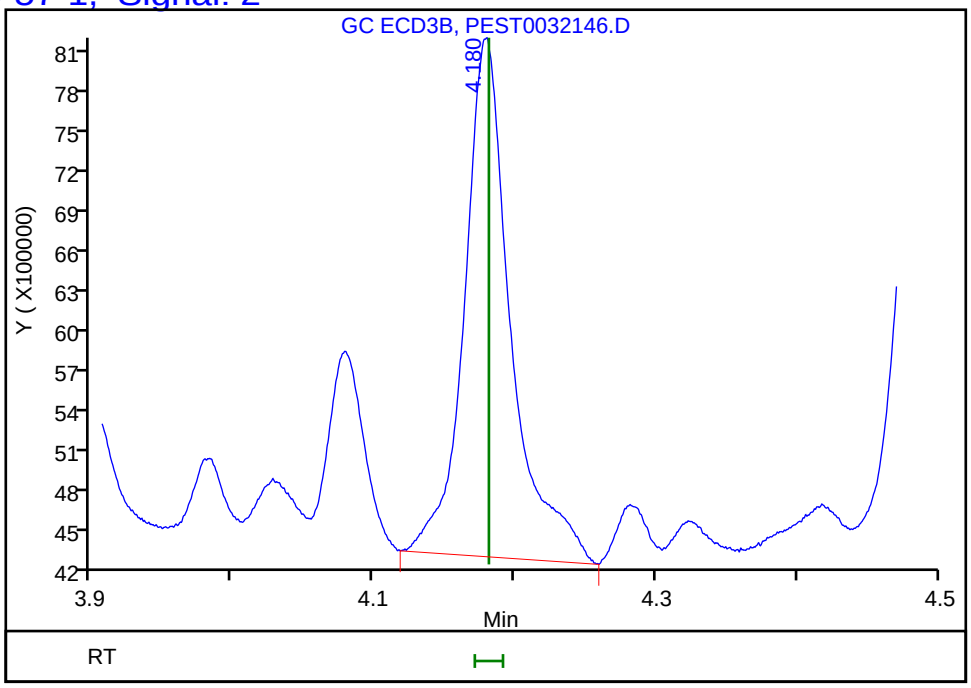
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 8767762

Amount: 3.206846



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032146.D

Injection Date: 01-Nov-2021 18:11:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-3-B Lab Sample ID: 460-246210-3

Client ID: HA-1

Operator ID: ALS Bottle#: 73 Worklist Smp#: 21

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

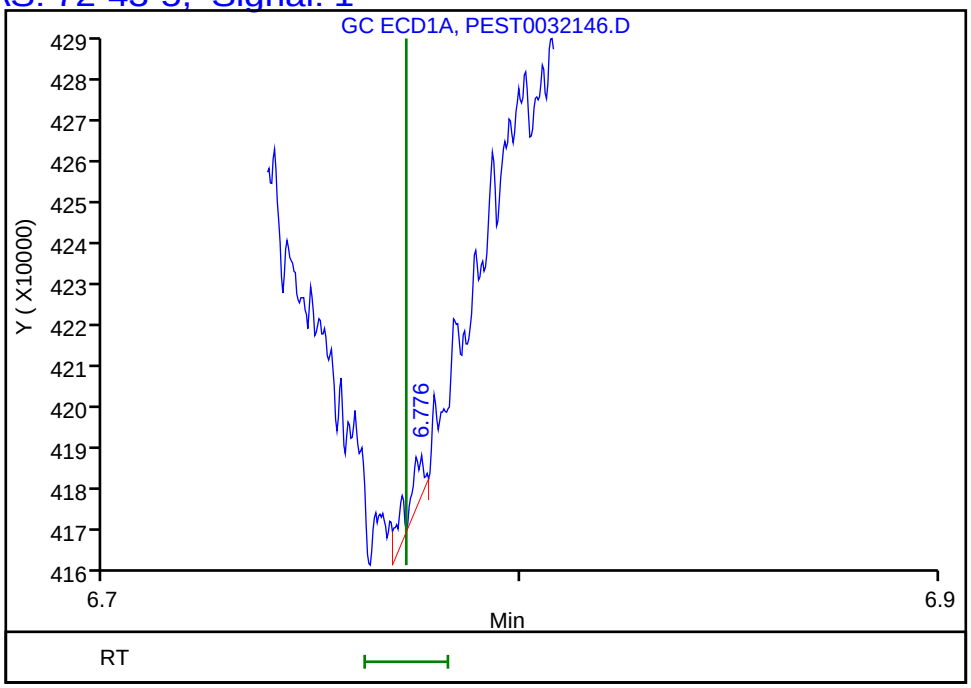
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.78

Response: 3178

Amount: 0.003941



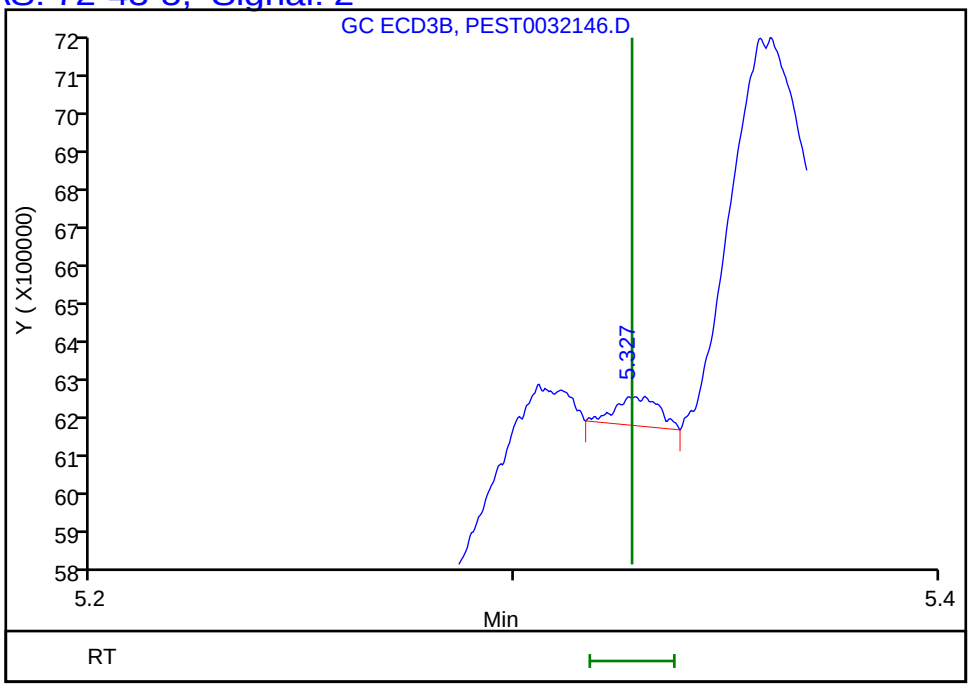
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 54280

Amount: 0.040497



Reviewer: manlangitf, 02-Nov-2021 04:00:27

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: PEST0032147.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:10

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	35		10-133
2051-24-3	DCB Decachlorobiphenyl	113		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D
Lims ID: 460-246210-F-4-B
Client ID: HA-2
Sample Type: Client
Inject. Date: 01-Nov-2021 18:24:07 ALS Bottle#: 74 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-022
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.582	1.584	-0.002	126226247	100.0	
2	1.496	1.497	-0.001	166529743	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	27248490	17.6	
2	1.851	1.853	-0.002	41069932	19.0	
					RPD = 7.67	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	65179530	56.7	
2	7.352	7.353	-0.001	85386046	37.1	
					RPD = 41.73	

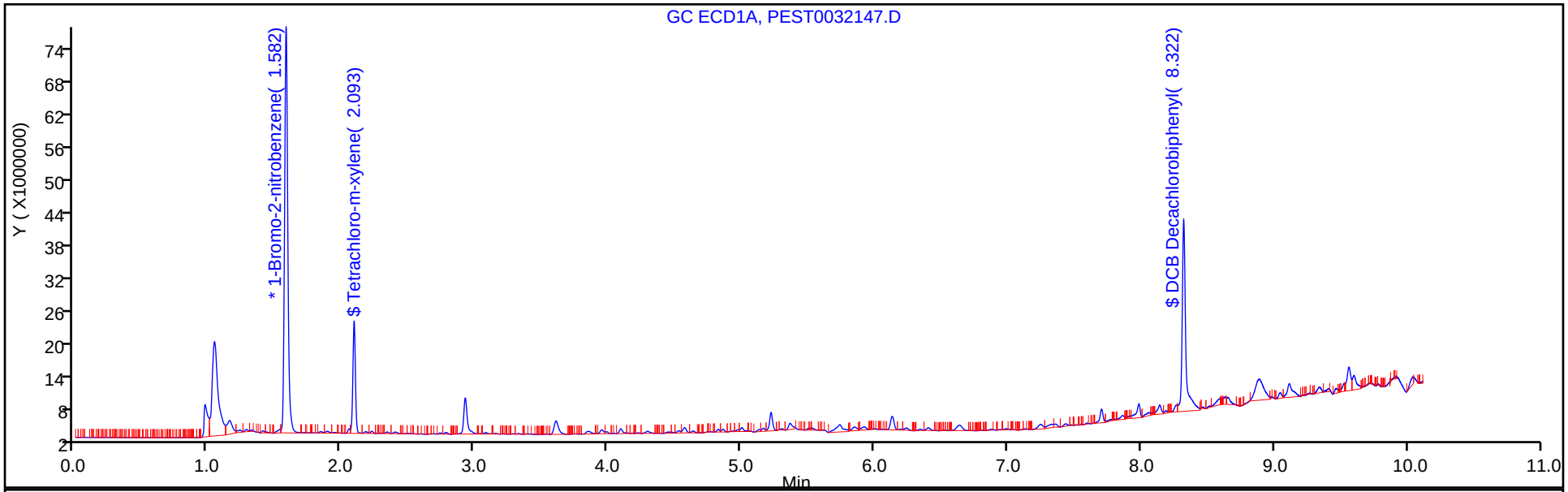
Reagents:

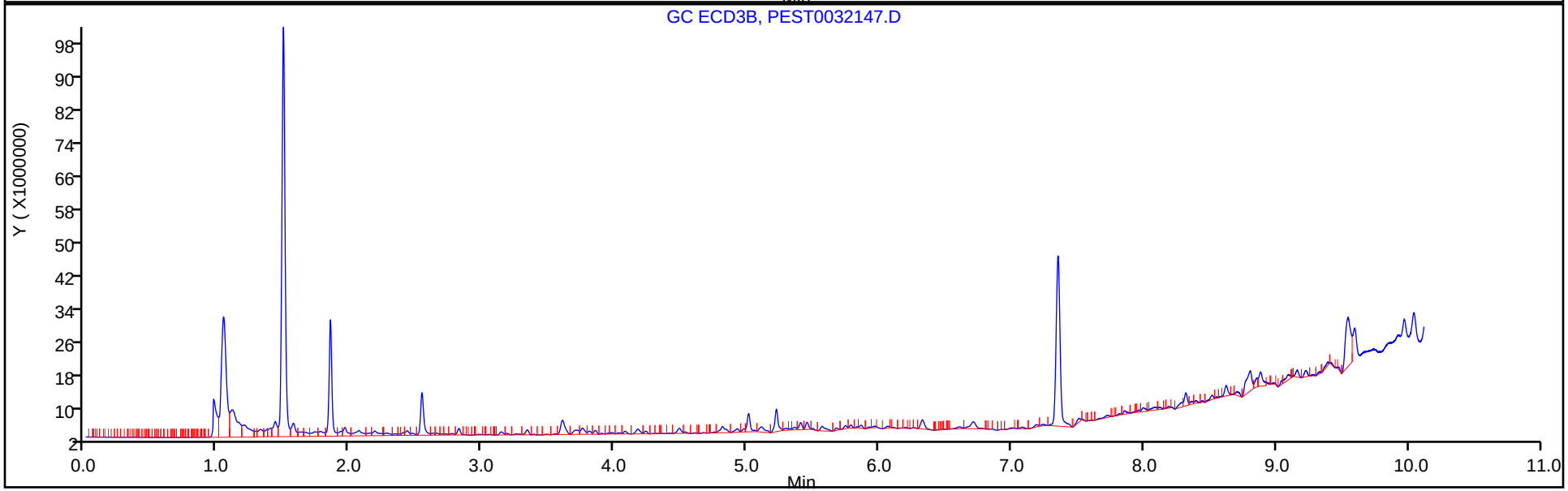
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D				
Injection Date:	01-Nov-2021 18:24:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-4-B	Lab Sample ID:	460-246210-4	Worklist Smp#:	22
Client ID:	HA-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

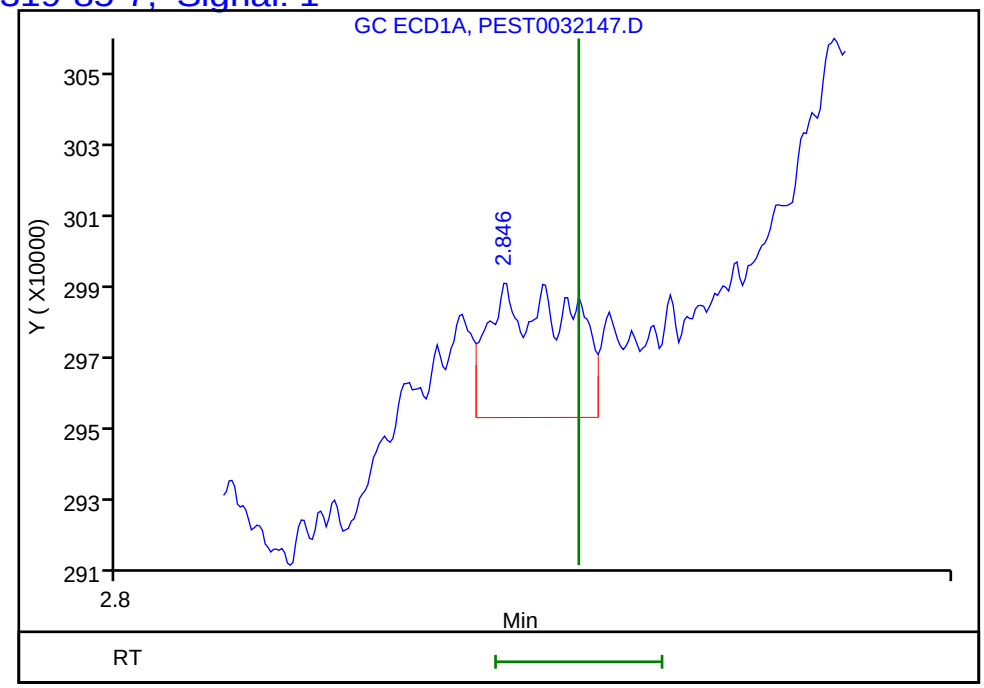
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85

Response: 23377

Amount: 0.031087



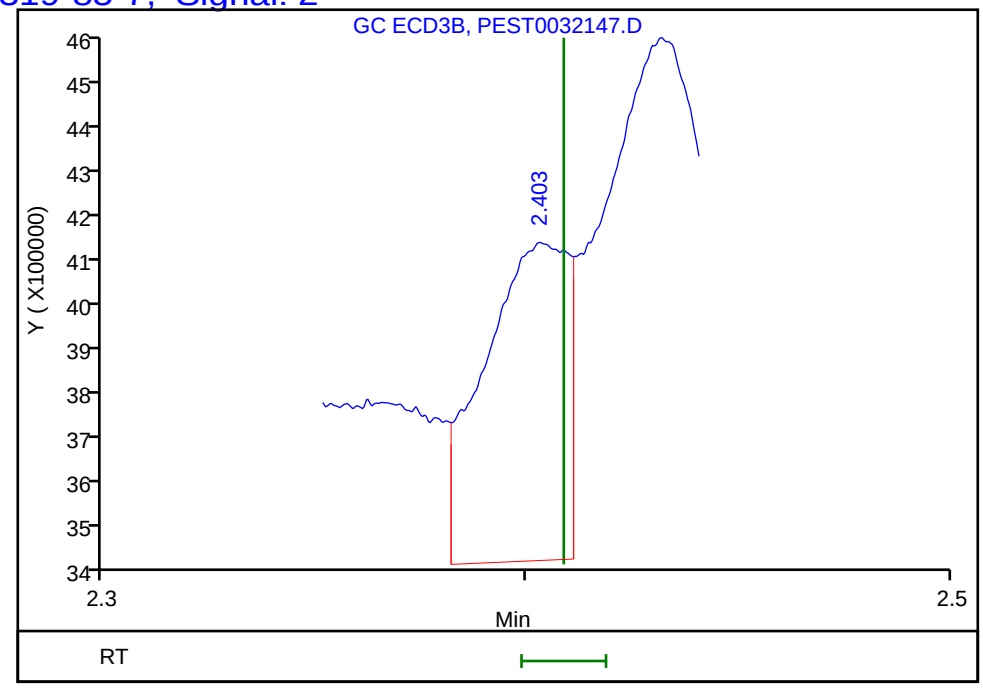
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40

Response: 924778

Amount: 0.922849



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

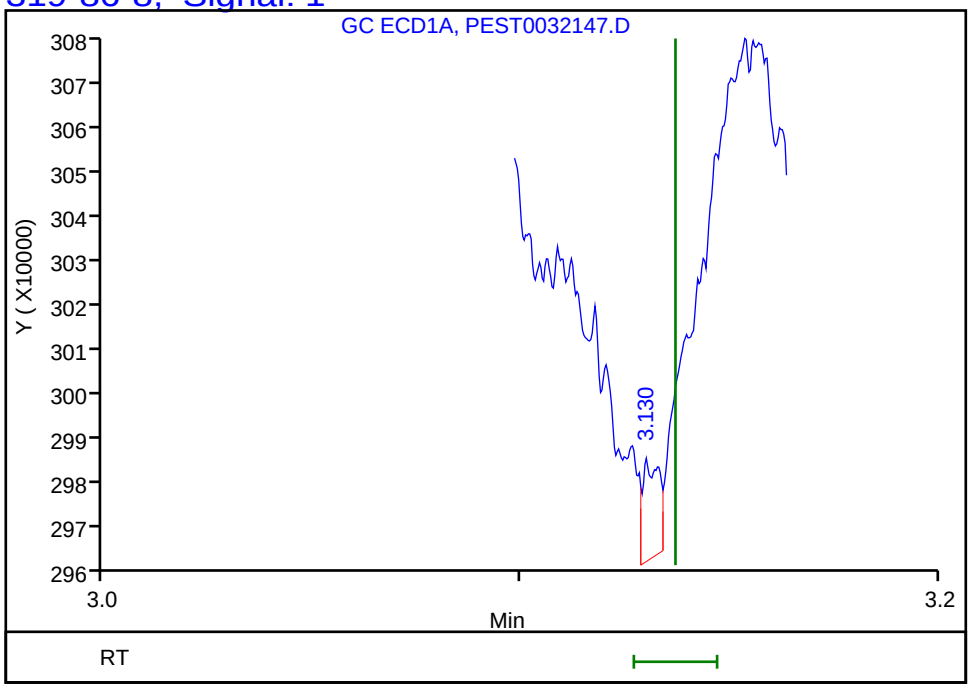
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 5795

Amount: 0.003600



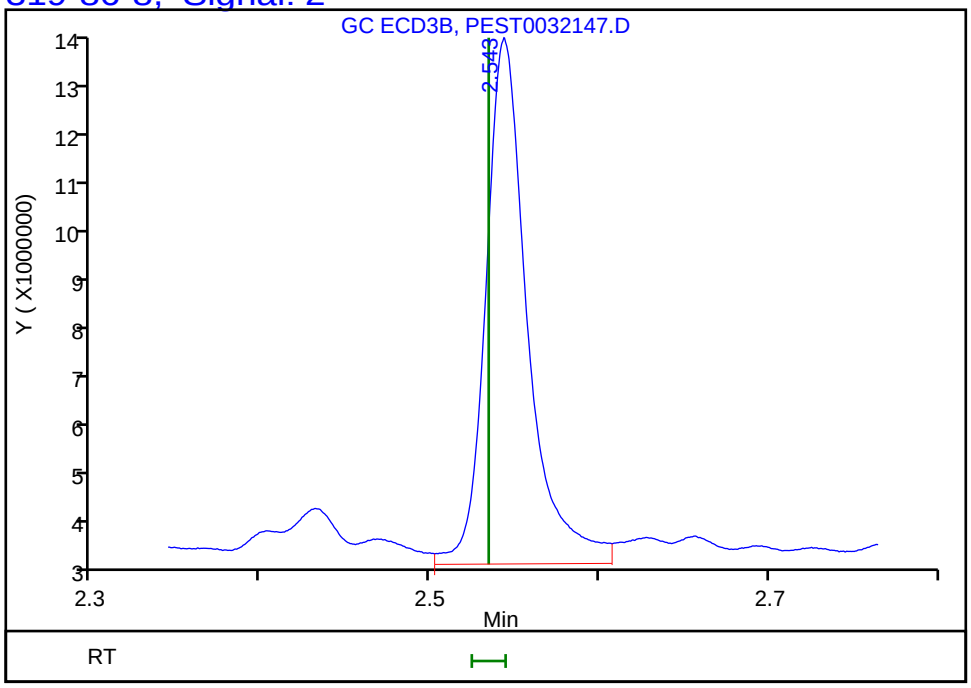
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 17530919

Amount: 7.902520



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

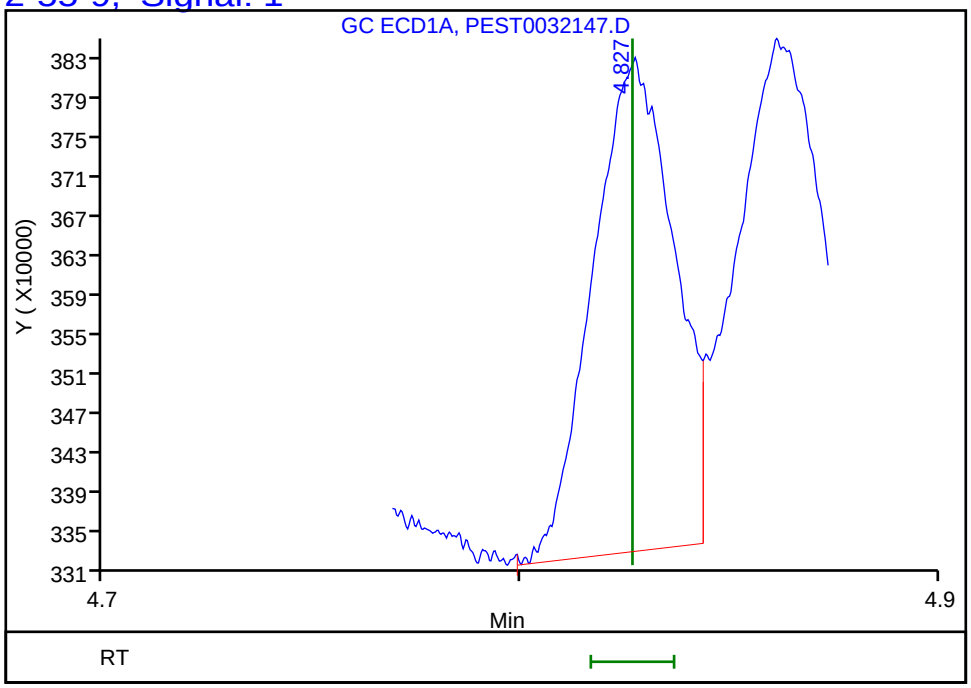
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 672811

Amount: 0.421684



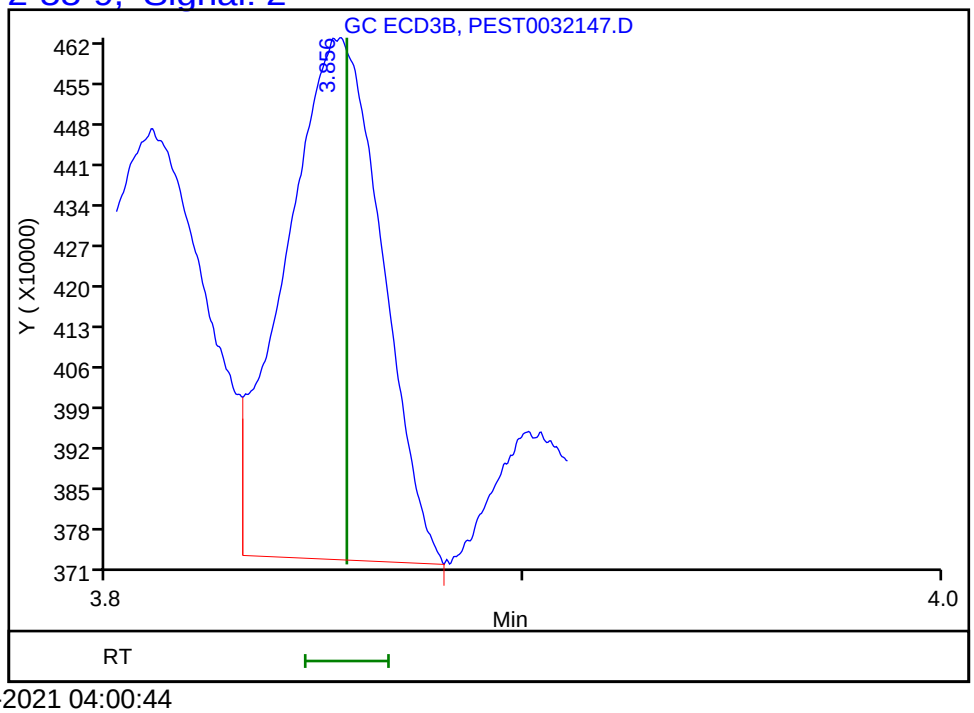
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 1468295

Amount: 0.599064



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

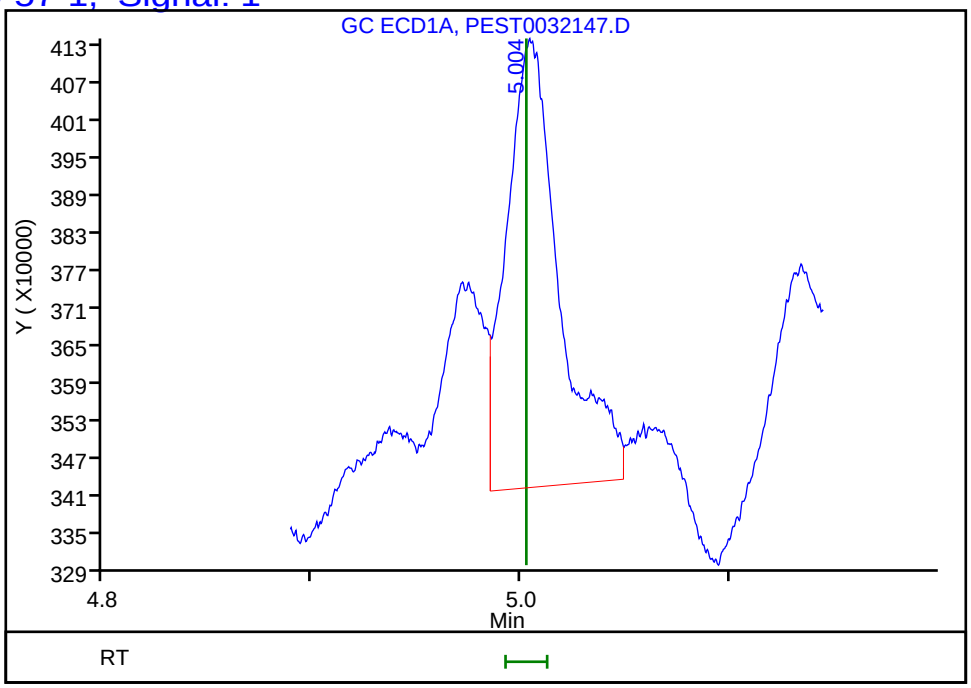
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 1246966

Amount: 0.769909



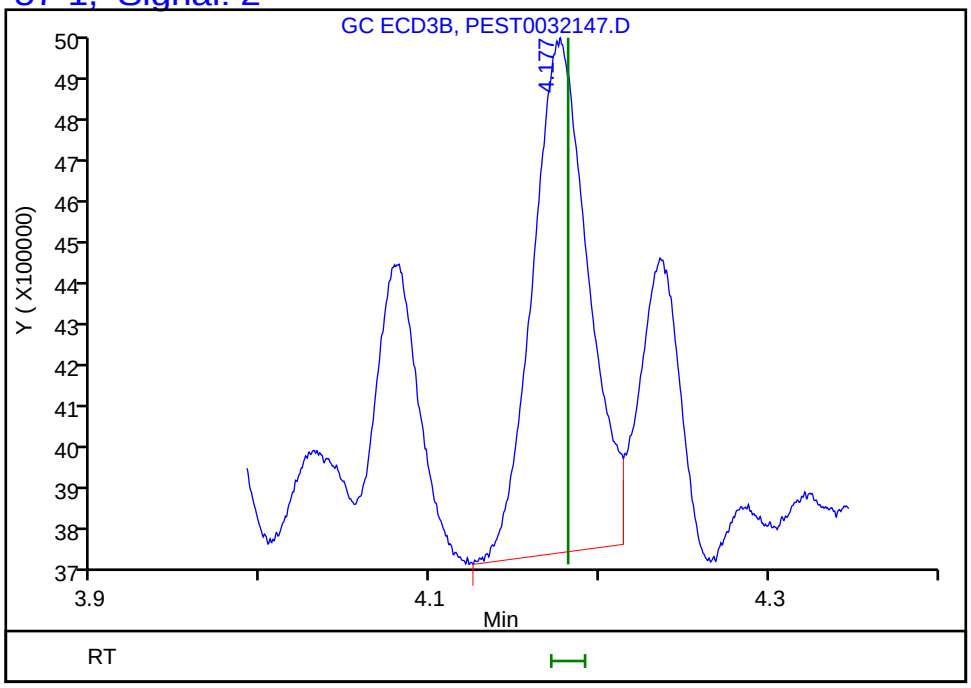
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 2573169

Amount: 1.061926



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

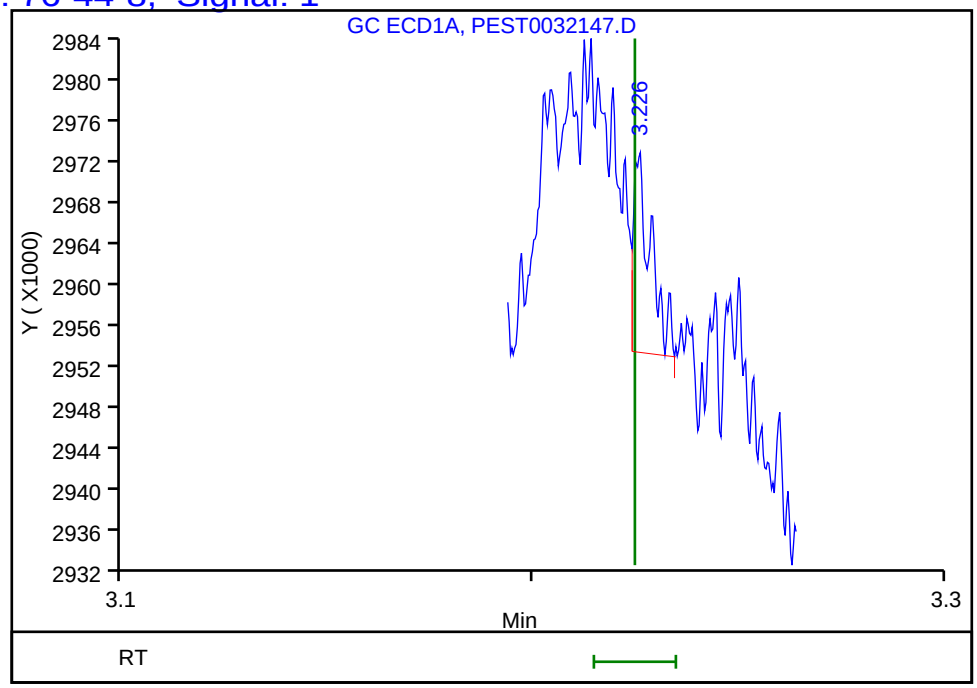
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 5528

Amount: 0.003129



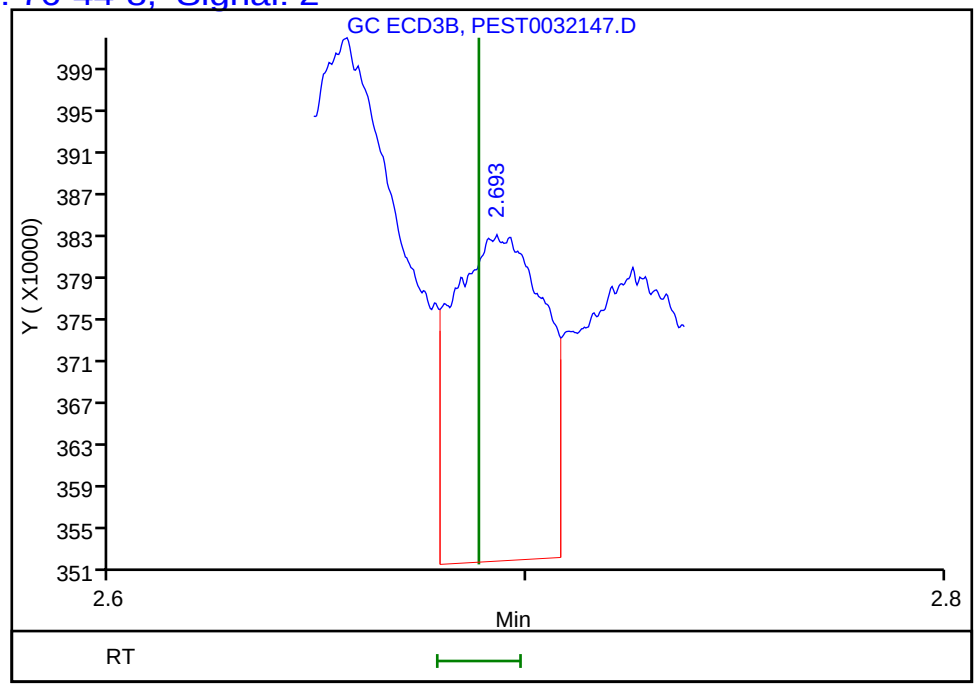
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 471464

Amount: 0.185164



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

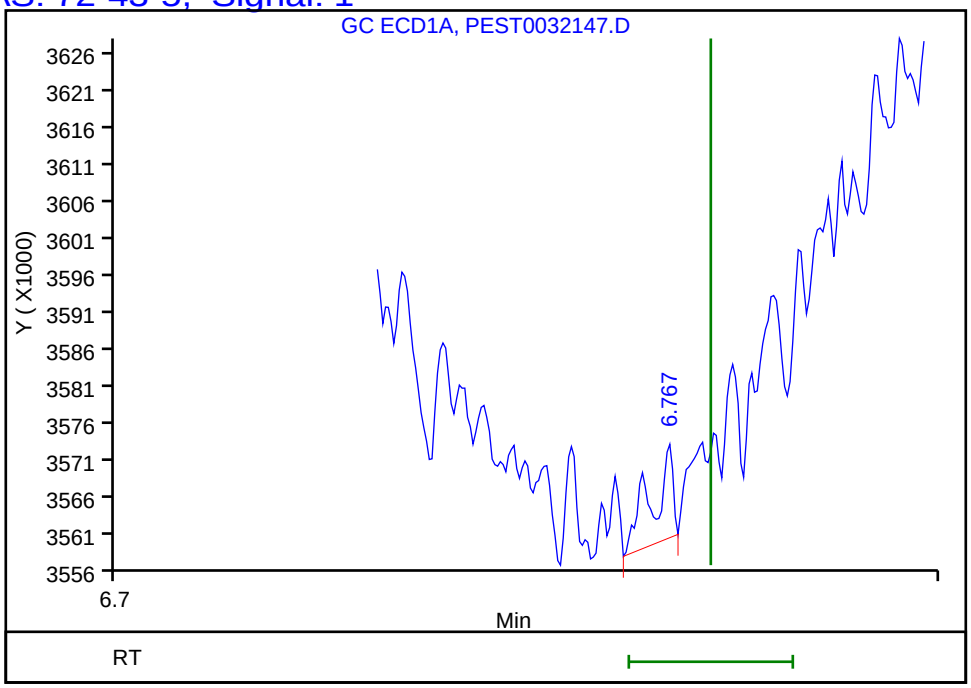
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 2216

Amount: 0.003070



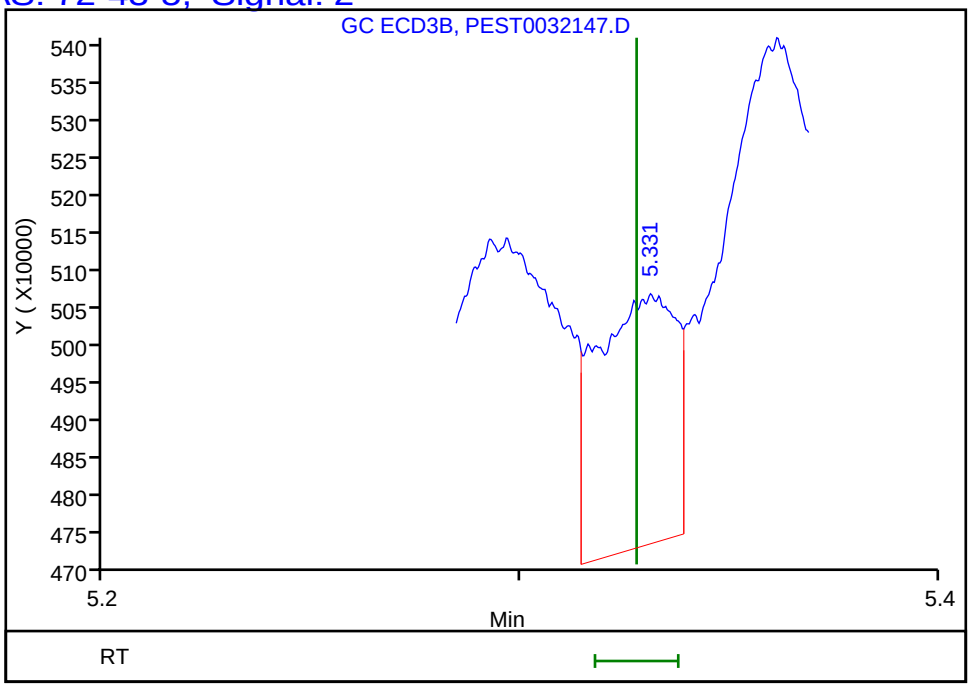
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 441899

Amount: 0.371999



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-2 Lab Sample ID: 460-246210-4

Matrix: Solid Lab File ID: PEST0032147.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:10

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 20.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0013	U	0.0084	0.0013
319-84-6	alpha-BHC	0.00085	U	0.0025	0.00085
319-85-7	beta-BHC	0.00094	U	0.0025	0.00094
319-86-8	delta-BHC	0.00051	U	0.0025	0.00051
58-89-9	gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078
12789-03-6	Chlordane (technical)	0.020	U	0.084	0.020
72-54-8	4,4'-DDD	0.0014	U	0.0084	0.0014
72-55-9	4,4'-DDE	0.00099	U	0.0084	0.00099
50-29-3	4,4'-DDT	0.0015	U	0.0084	0.0015
60-57-1	Dieldrin	0.0011	U	0.0025	0.0011
959-98-8	Endosulfan I	0.0013	U	0.0084	0.0013
33213-65-9	Endosulfan II	0.0022	U	0.0084	0.0022
1031-07-8	Endosulfan sulfate	0.0011	U	0.0084	0.0011
72-20-8	Endrin	0.0012	U	0.0084	0.0012
7421-93-4	Endrin aldehyde	0.0020	U	0.0084	0.0020
53494-70-5	Endrin ketone	0.0016	U	0.0084	0.0016
76-44-8	Heptachlor	0.00099	U	0.0084	0.00099
1024-57-3	Heptachlor epoxide	0.0013	U	0.0084	0.0013
72-43-5	Methoxychlor	0.0019	U	0.0084	0.0019
8001-35-2	Toxaphene	0.030	U	0.084	0.030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	38		10-133
2051-24-3	DCB Decachlorobiphenyl	74		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D
Lims ID: 460-246210-F-4-B
Client ID: HA-2
Sample Type: Client
Inject. Date: 01-Nov-2021 18:24:07 ALS Bottle#: 74 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-022
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.582	1.584	-0.002	126226247	100.0	
2	1.496	1.497	-0.001	166529743	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	27248490	17.6	
2	1.851	1.853	-0.002	41069932	19.0	
					RPD = 7.67	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	65179530	56.7	
2	7.352	7.353	-0.001	85386046	37.1	
					RPD = 41.73	

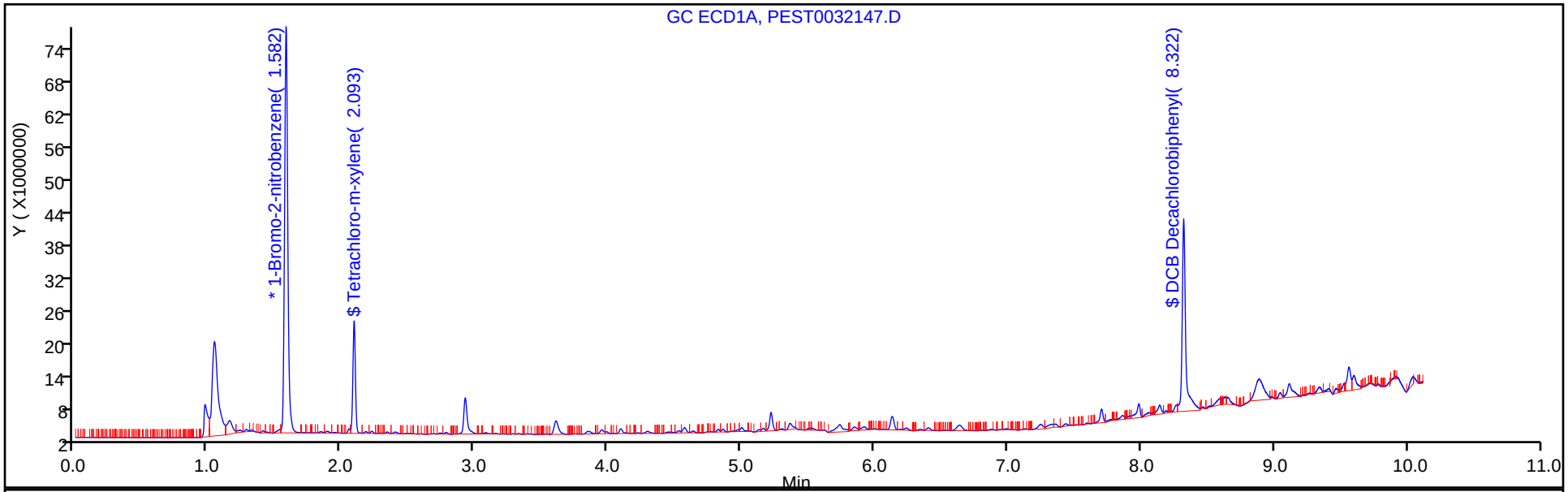
Reagents:

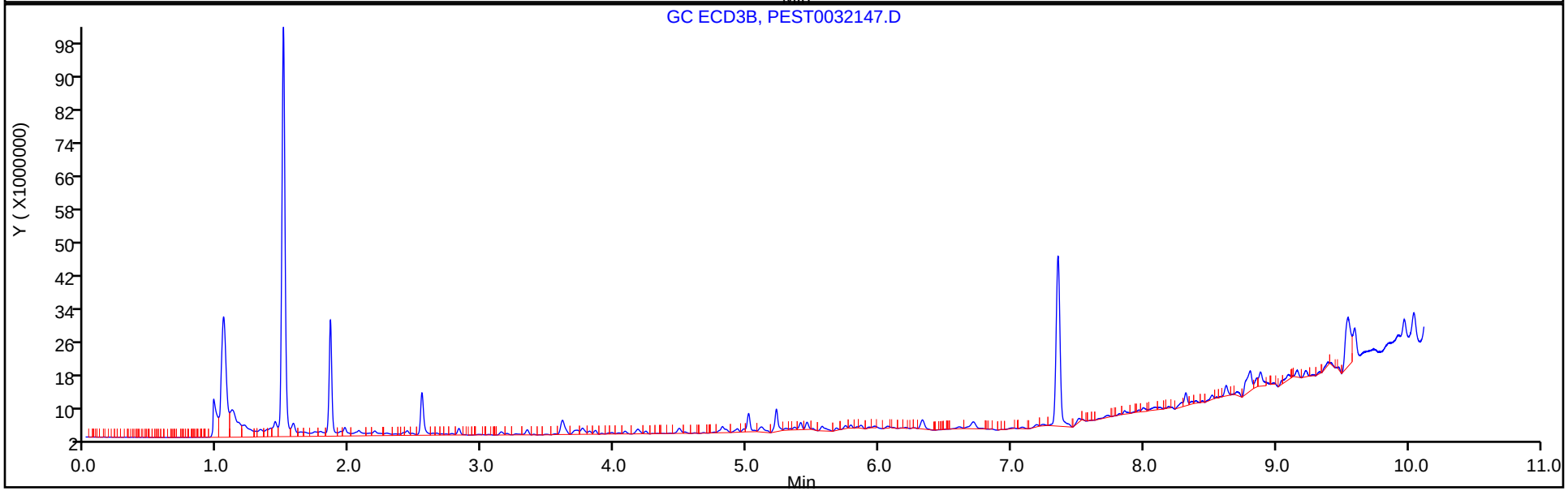
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D				
Injection Date:	01-Nov-2021 18:24:07	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-4-B	Lab Sample ID:	460-246210-4	Worklist Smp#:	22
Client ID:	HA-2				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	74
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

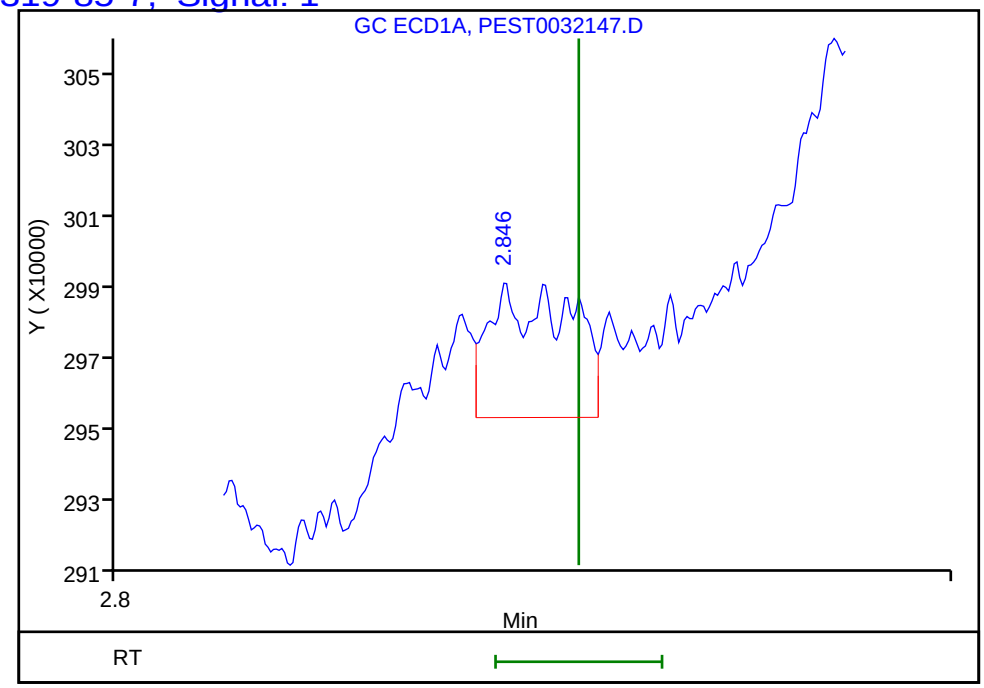
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85

Response: 23377

Amount: 0.031087



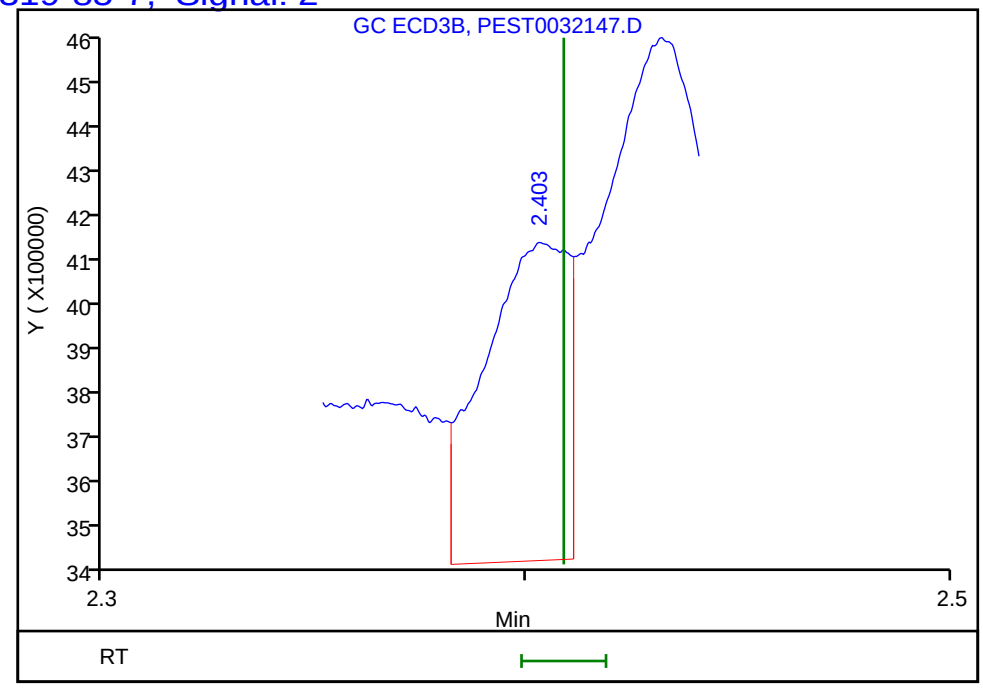
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40

Response: 924778

Amount: 0.922849



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

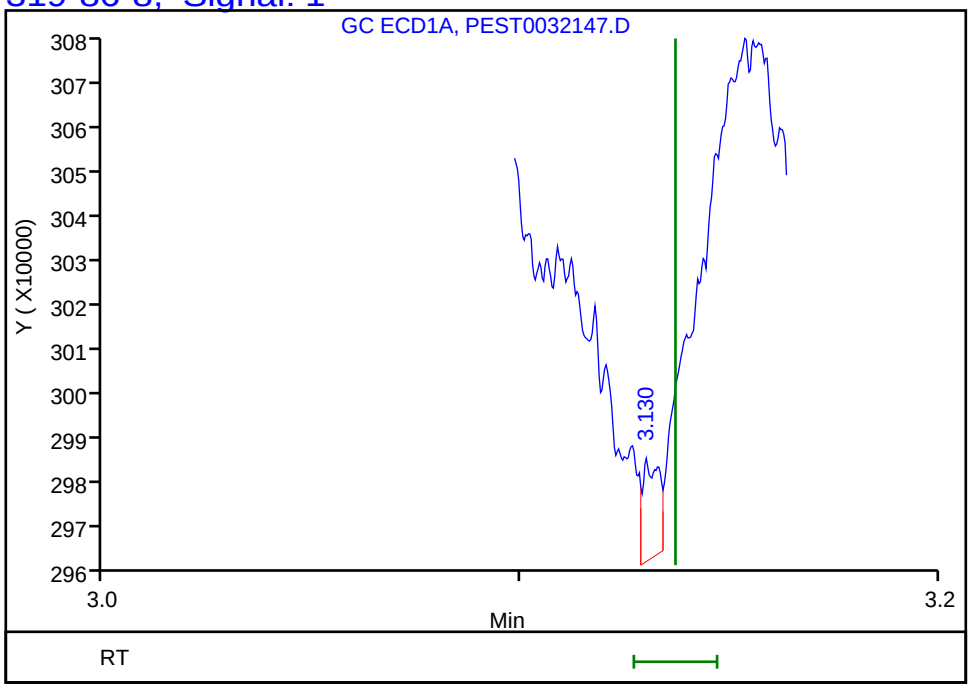
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 5795

Amount: 0.003600



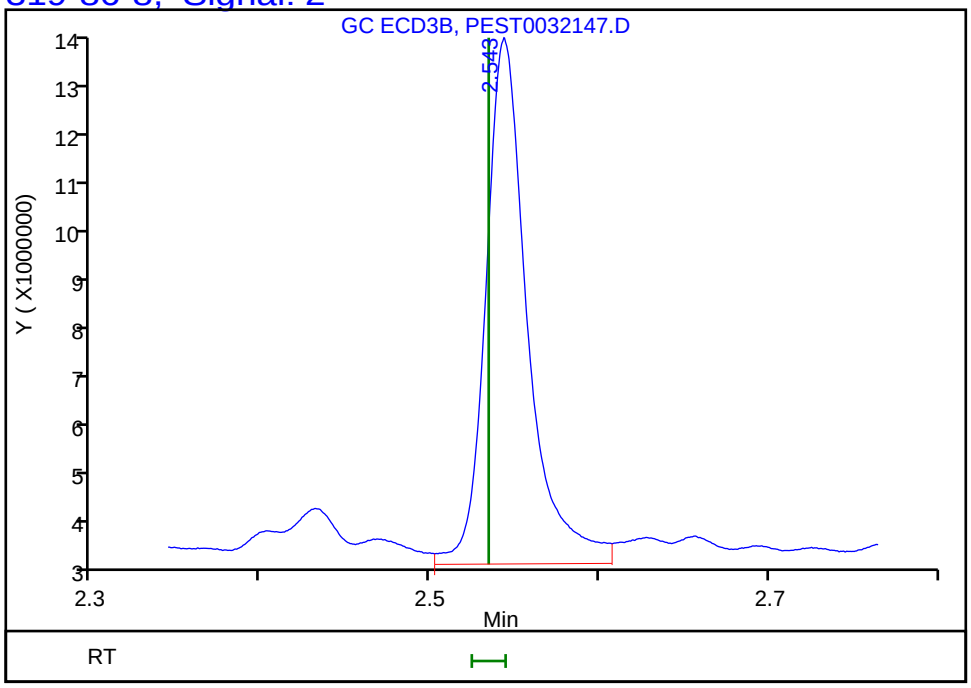
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 17530919

Amount: 7.902520



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

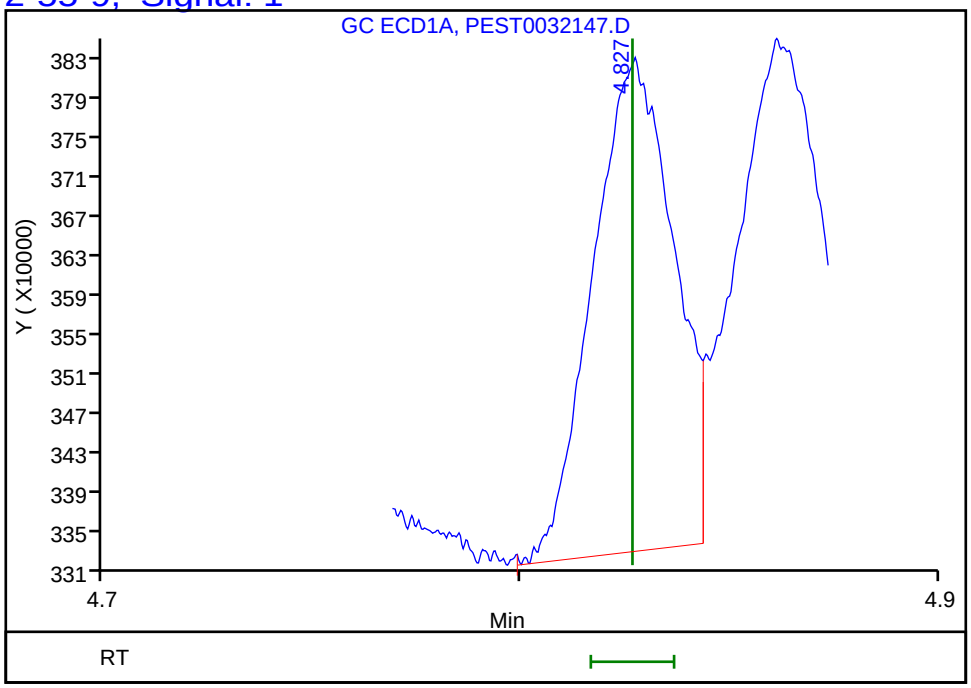
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 672811

Amount: 0.421684



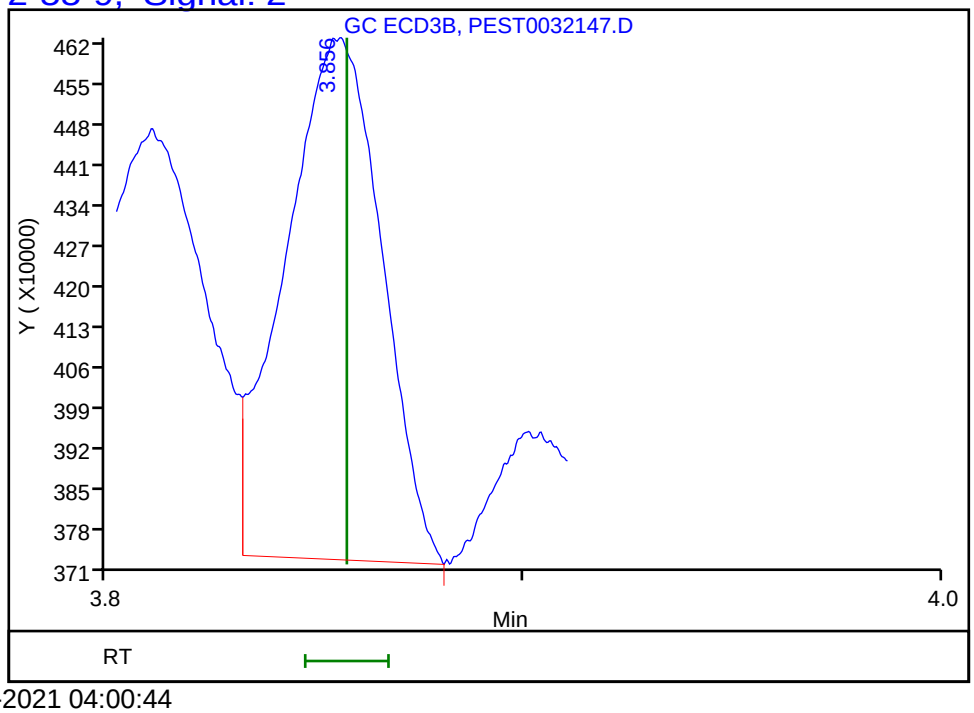
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 1468295

Amount: 0.599064



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

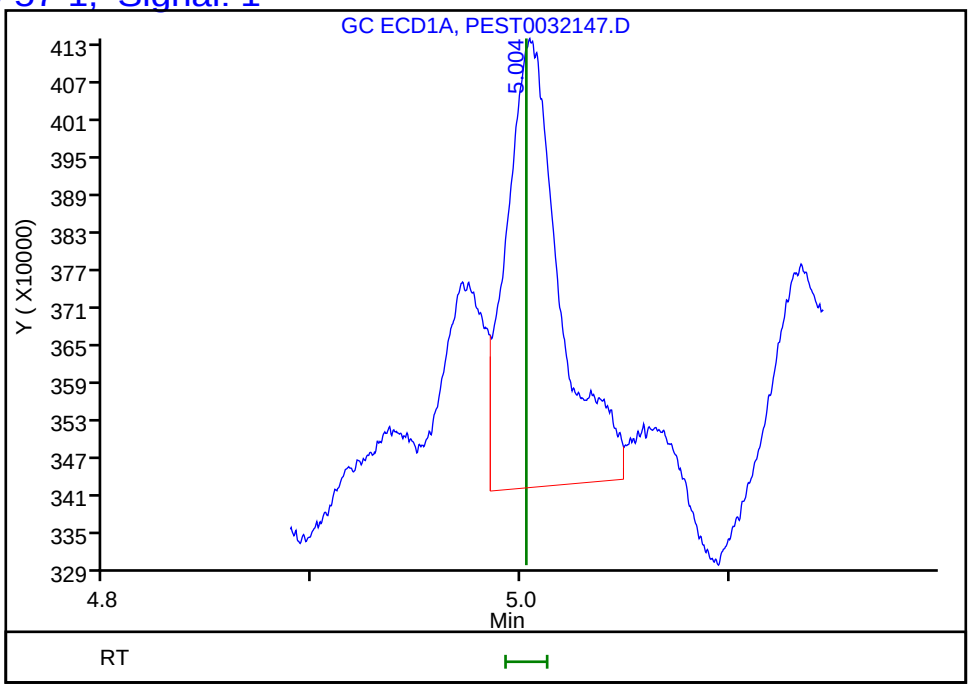
Column: Detector GC ECD1A

30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 1246966

Amount: 0.769909



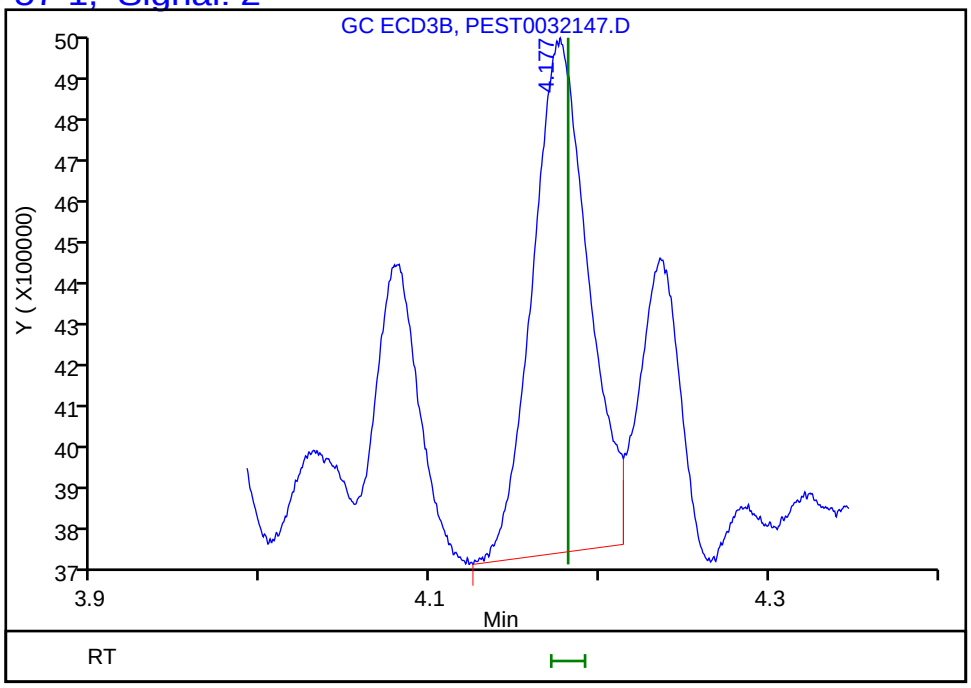
Column: Detector GC ECD2B

30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.18

Response: 2573169

Amount: 1.061926



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

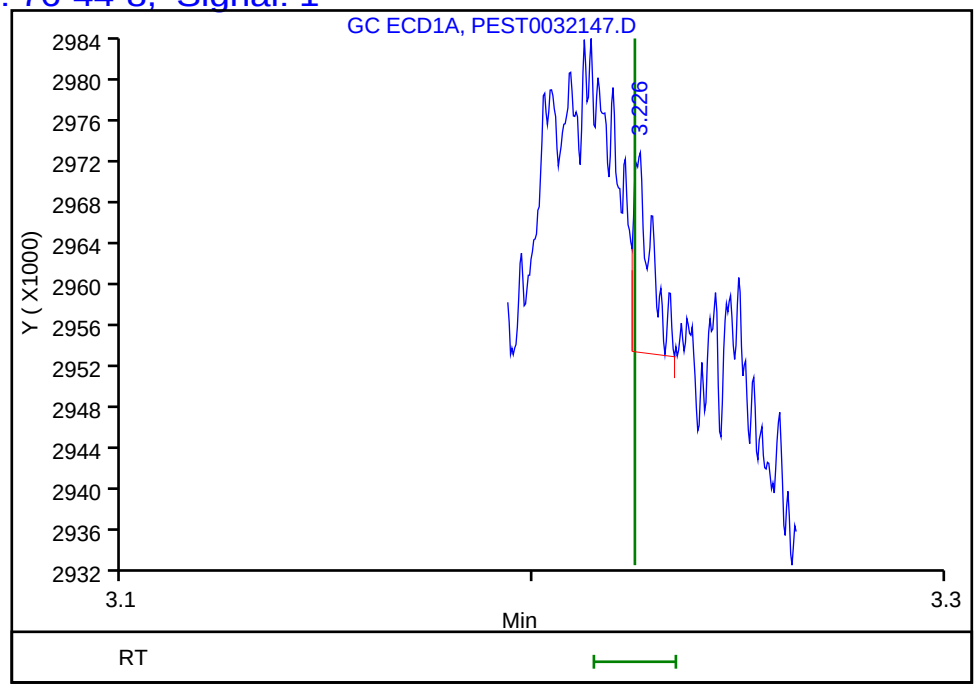
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 5528

Amount: 0.003129



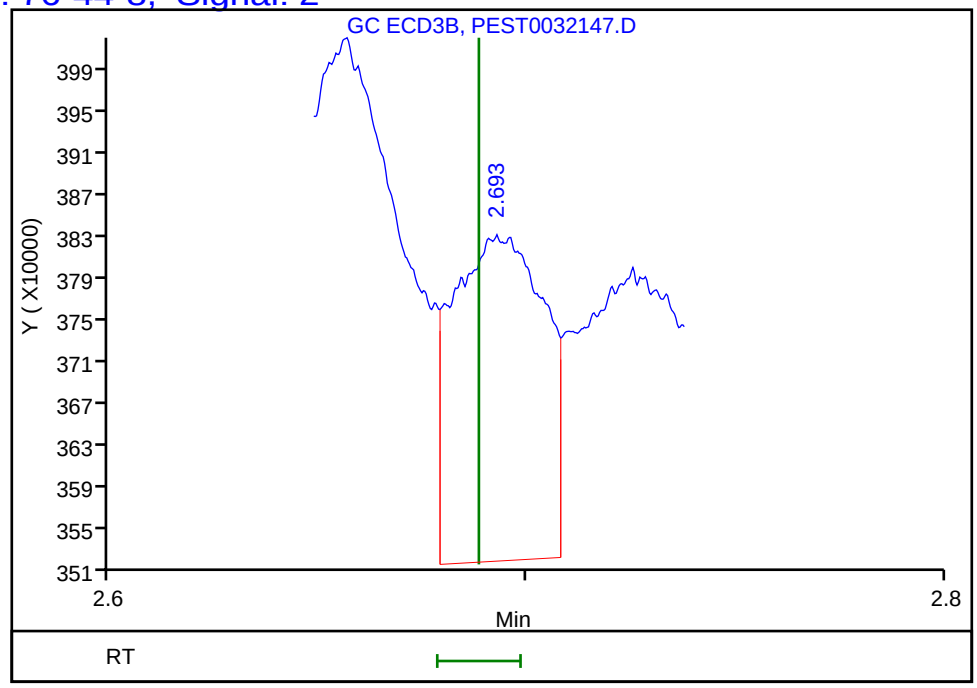
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 471464

Amount: 0.185164



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032147.D

Injection Date: 01-Nov-2021 18:24:07 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-4-B Lab Sample ID: 460-246210-4

Client ID: HA-2

Operator ID: ALS Bottle#: 74 Worklist Smp#: 22

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

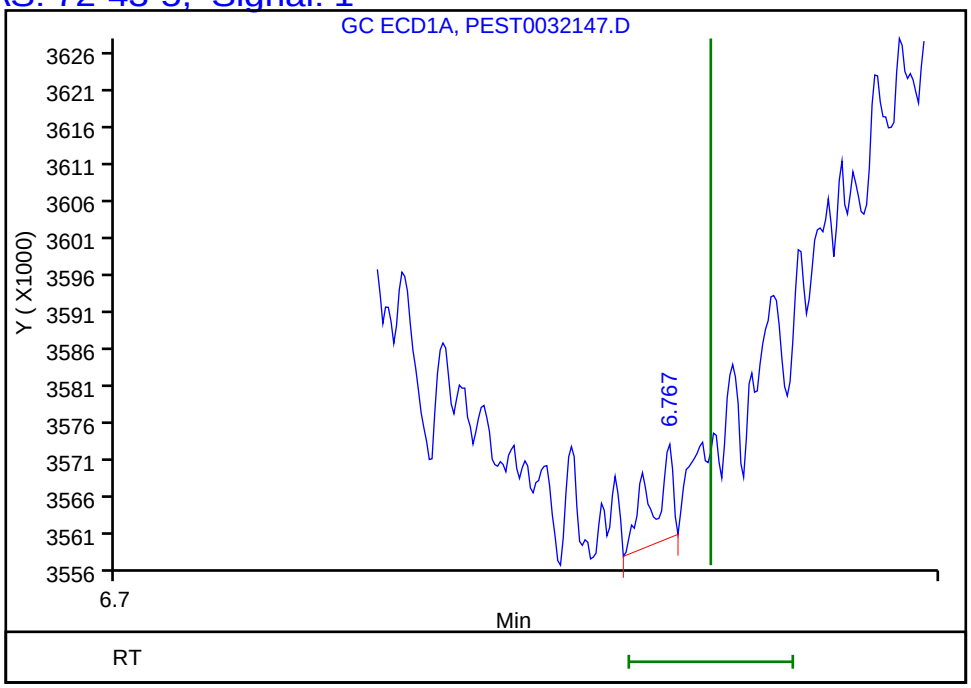
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 2216

Amount: 0.003070



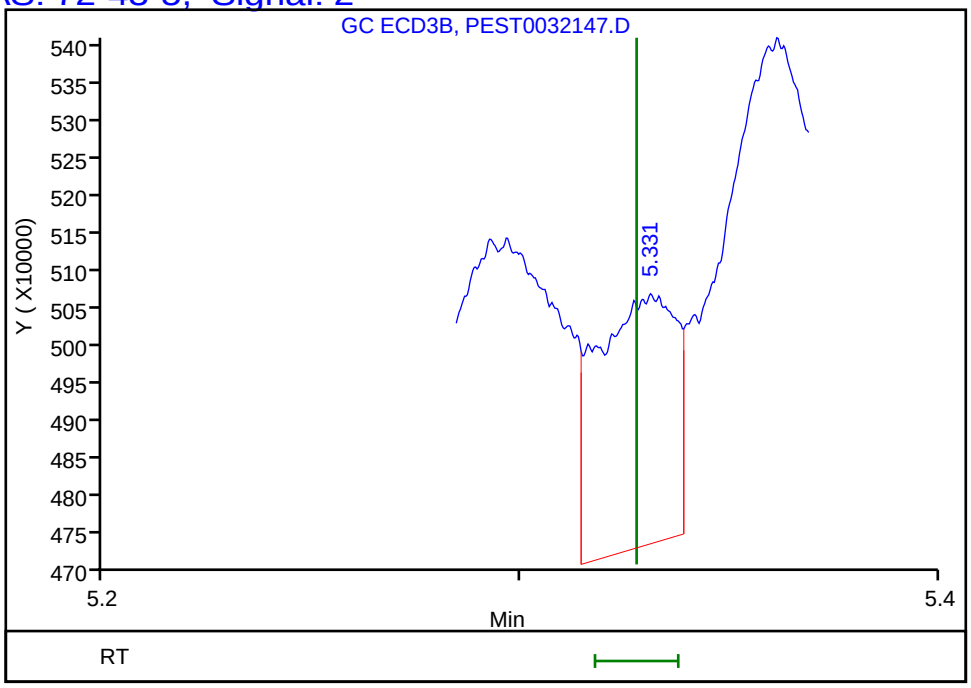
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 441899

Amount: 0.371999



Reviewer: manlangitf, 02-Nov-2021 04:00:44

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: PEST0032148.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:50

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	54		10-133
2051-24-3	DCB Decachlorobiphenyl	118		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D
Lims ID: 460-246210-E-5-B
Client ID: HA-3
Sample Type: Client
Inject. Date: 01-Nov-2021 18:36:21 ALS Bottle#: 75 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-023
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.582	1.584	-0.002	136863130	100.0	
2	1.497	1.497	0.000	174619372	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	45695273	27.2	
2	1.852	1.853	-0.001	64031387	28.2	
					RPD = 3.73	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	73611679	59.1	
2	7.353	7.353	0.000	112826754	46.8	
					RPD = 23.20	

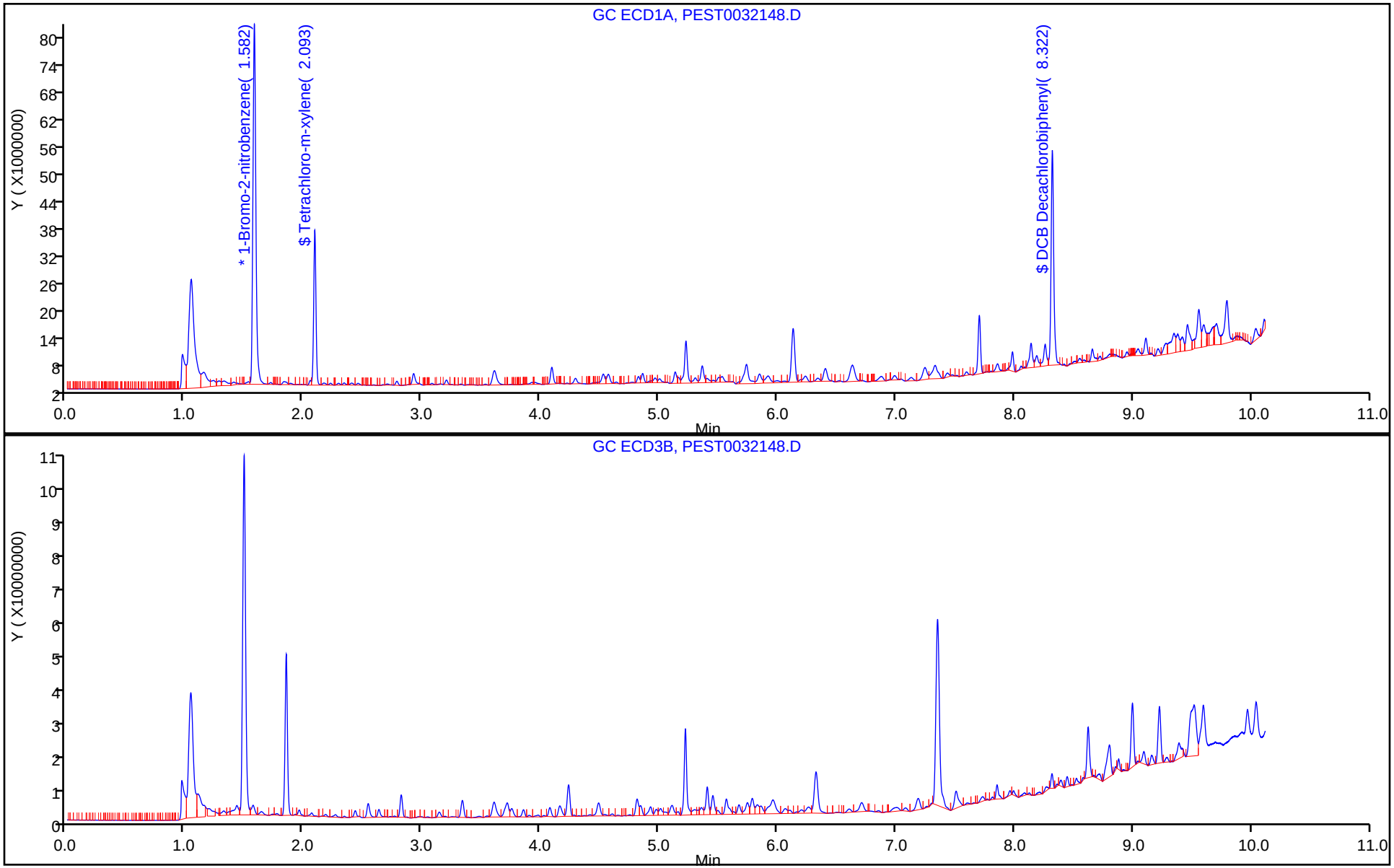
Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D				
Injection Date:	01-Nov-2021 18:36:21	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-E-5-B	Lab Sample ID:	460-246210-5	Worklist Smp#:	23
Client ID:	HA-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	75
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

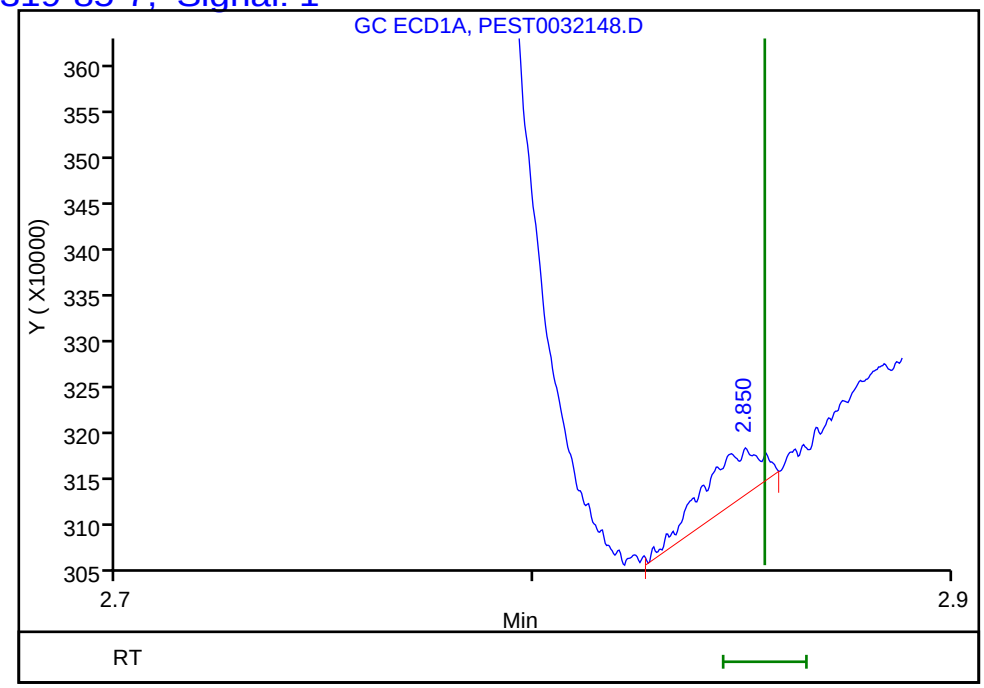
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85

Response: 56855

Amount: 0.069731



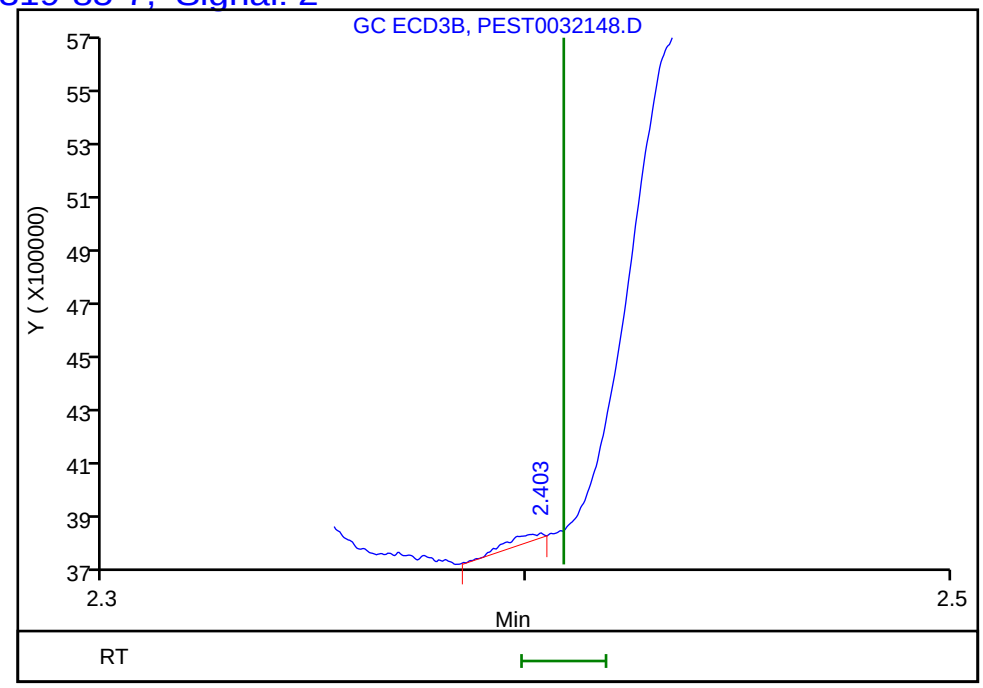
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40

Response: 19419

Amount: 0.018481



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

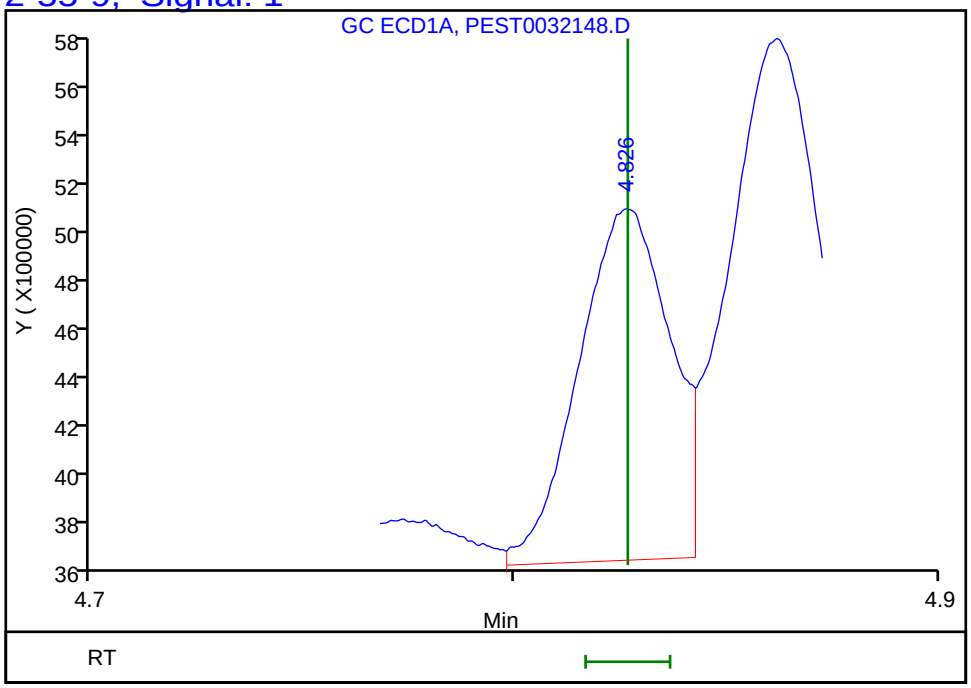
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 2113158

Amount: 1.221488



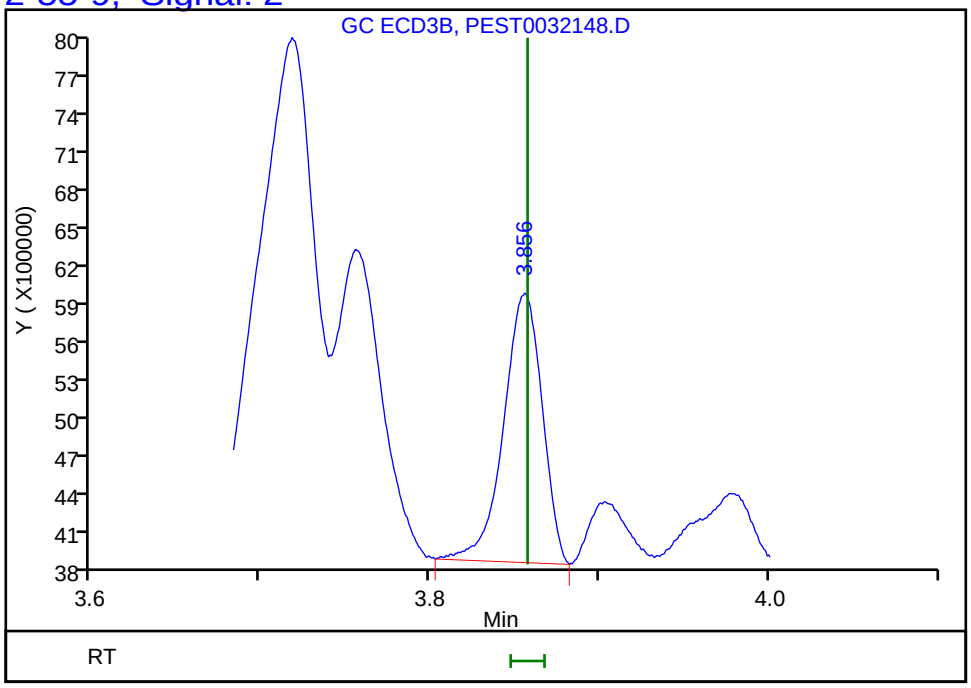
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3278163

Amount: 1.275527



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

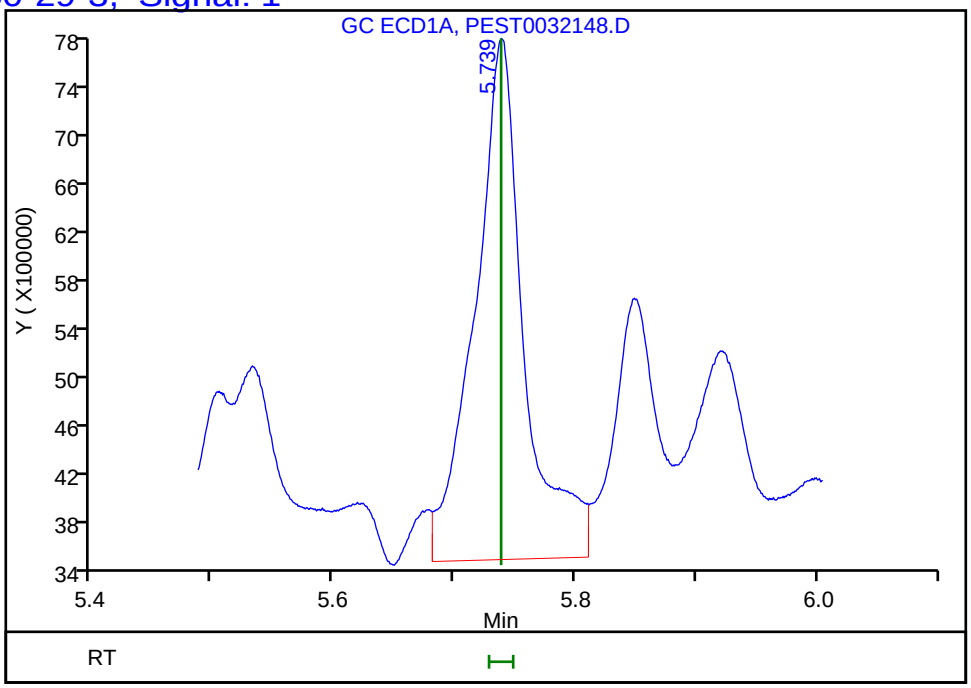
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 11987762

Amount: 8.788690



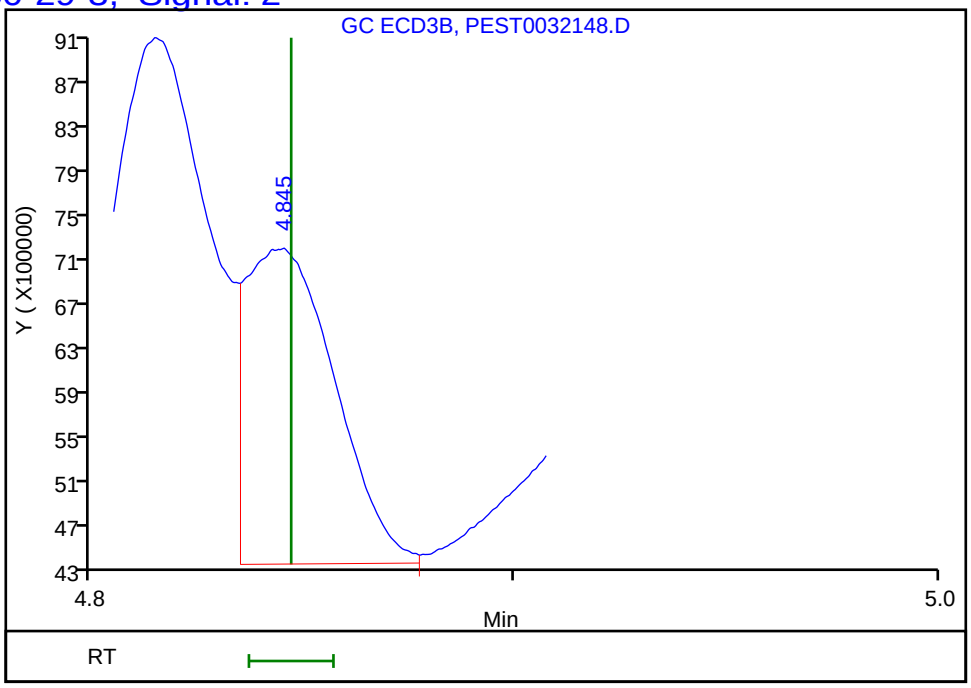
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 4096957

Amount: 1.904731



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-3 Lab Sample ID: 460-246210-5

Matrix: Solid Lab File ID: PEST0032148.D

Analysis Method: 8081B Date Collected: 10/28/2021 08:50

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 22.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0013	U	0.0087	0.0013
319-84-6	alpha-BHC	0.00088	U	0.0026	0.00088
319-85-7	beta-BHC	0.00097	U	0.0026	0.00097
319-86-8	delta-BHC	0.00053	U	0.0026	0.00053
58-89-9	gamma-BHC (Lindane)	0.00080	U	0.0026	0.00080
12789-03-6	Chlordane (technical)	0.021	U	0.087	0.021
72-54-8	4,4'-DDD	0.0015	U	0.0087	0.0015
72-55-9	4,4'-DDE	0.0010	U	0.0087	0.0010
50-29-3	4,4'-DDT	0.0016	U	0.0087	0.0016
60-57-1	Dieldrin	0.0011	U	0.0026	0.0011
959-98-8	Endosulfan I	0.0013	U	0.0087	0.0013
33213-65-9	Endosulfan II	0.0022	U	0.0087	0.0022
1031-07-8	Endosulfan sulfate	0.0011	U	0.0087	0.0011
72-20-8	Endrin	0.0012	U	0.0087	0.0012
7421-93-4	Endrin aldehyde	0.0020	U	0.0087	0.0020
53494-70-5	Endrin ketone	0.0017	U	0.0087	0.0017
76-44-8	Heptachlor	0.0010	U	0.0087	0.0010
1024-57-3	Heptachlor epoxide	0.0013	U	0.0087	0.0013
72-43-5	Methoxychlor	0.0020	U	0.0087	0.0020
8001-35-2	Toxaphene	0.031	U	0.087	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	56		10-133
2051-24-3	DCB Decachlorobiphenyl	94		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D
Lims ID: 460-246210-E-5-B
Client ID: HA-3
Sample Type: Client
Inject. Date: 01-Nov-2021 18:36:21 ALS Bottle#: 75 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-023
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.582	1.584	-0.002	136863130	100.0	
2	1.497	1.497	0.000	174619372	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	45695273	27.2	
2	1.852	1.853	-0.001	64031387	28.2	
					RPD = 3.73	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	73611679	59.1	
2	7.353	7.353	0.000	112826754	46.8	
					RPD = 23.20	

Reagents:

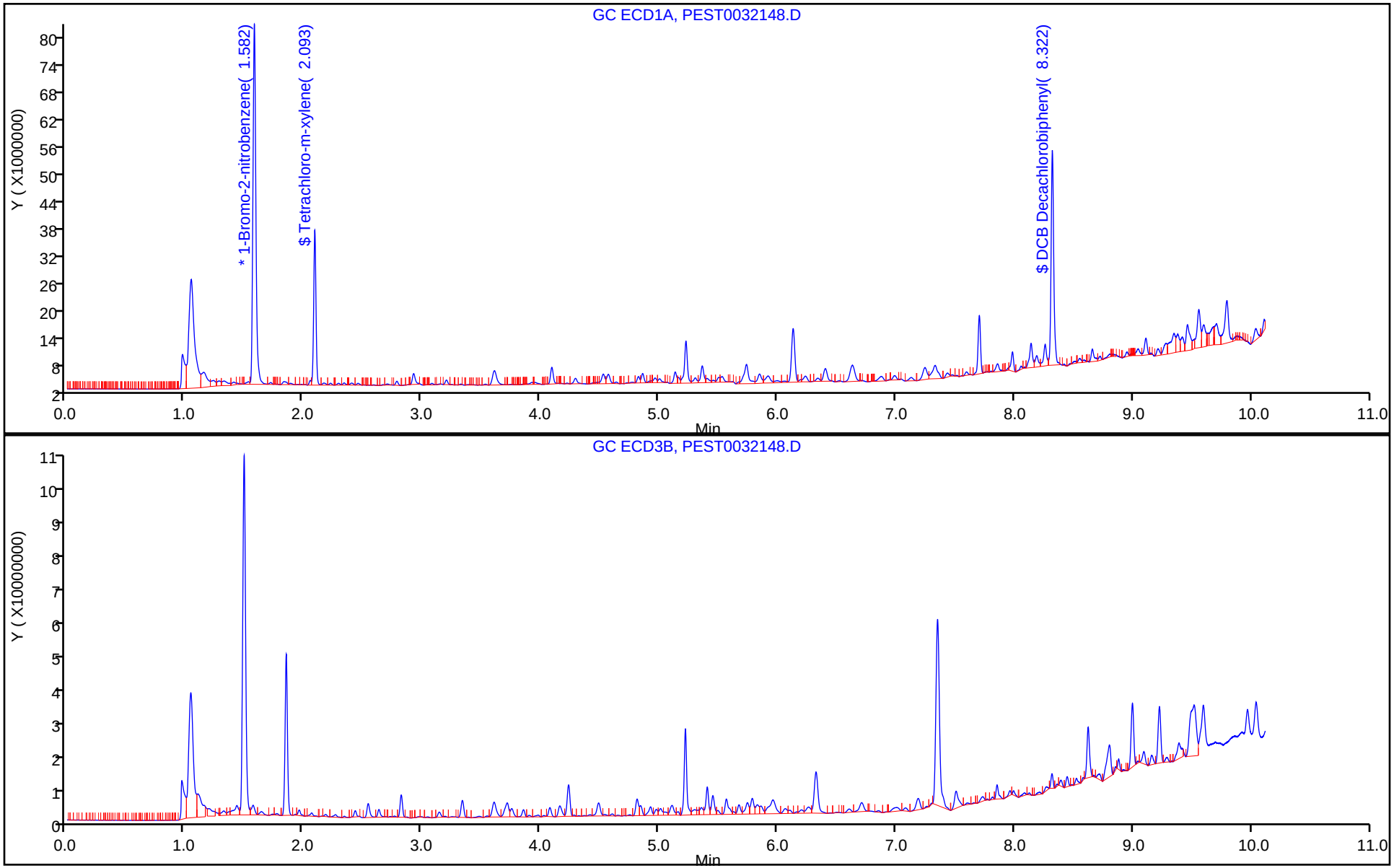
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date:	01-Nov-2021 18:36:21	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-E-5-B	Lab Sample ID:	460-246210-5	Worklist Smp#:	23
Client ID:	HA-3				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	75
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

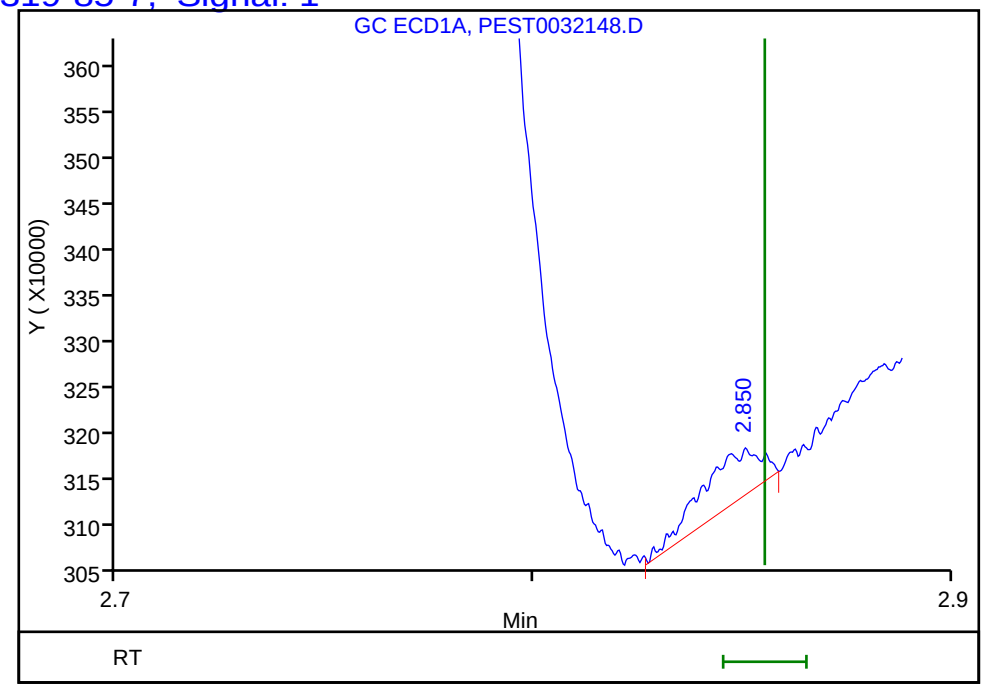
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85

Response: 56855

Amount: 0.069731



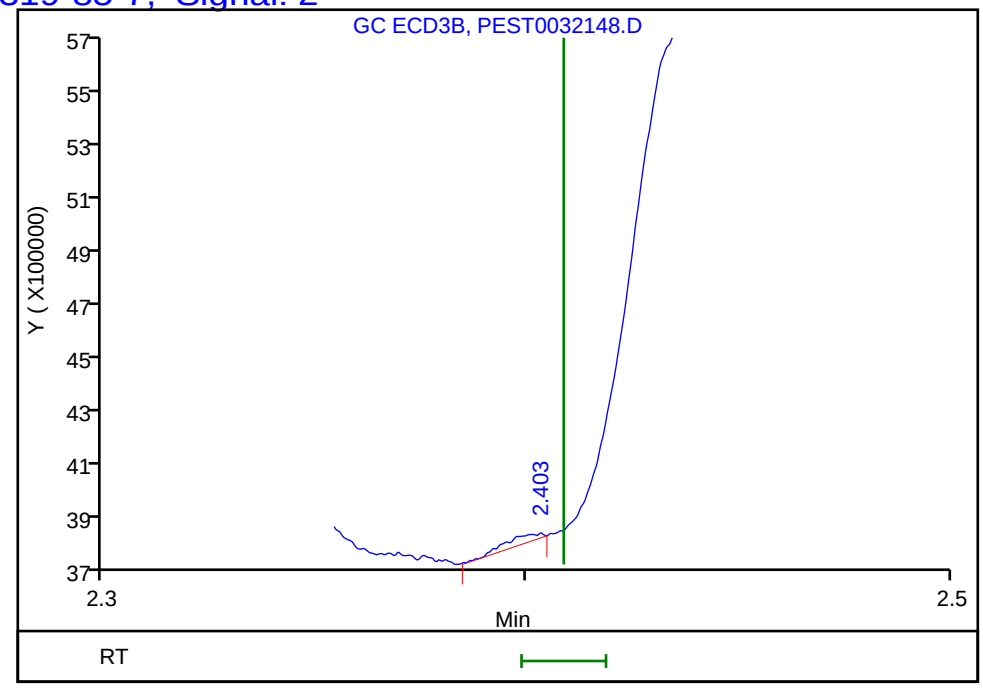
Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40

Response: 19419

Amount: 0.018481



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

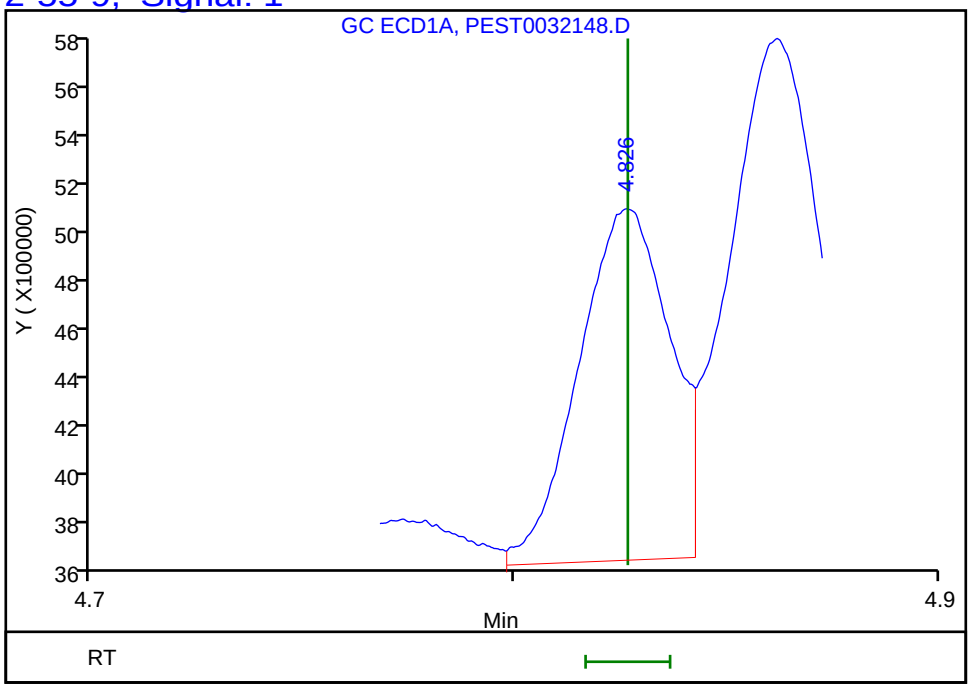
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 2113158

Amount: 1.221488



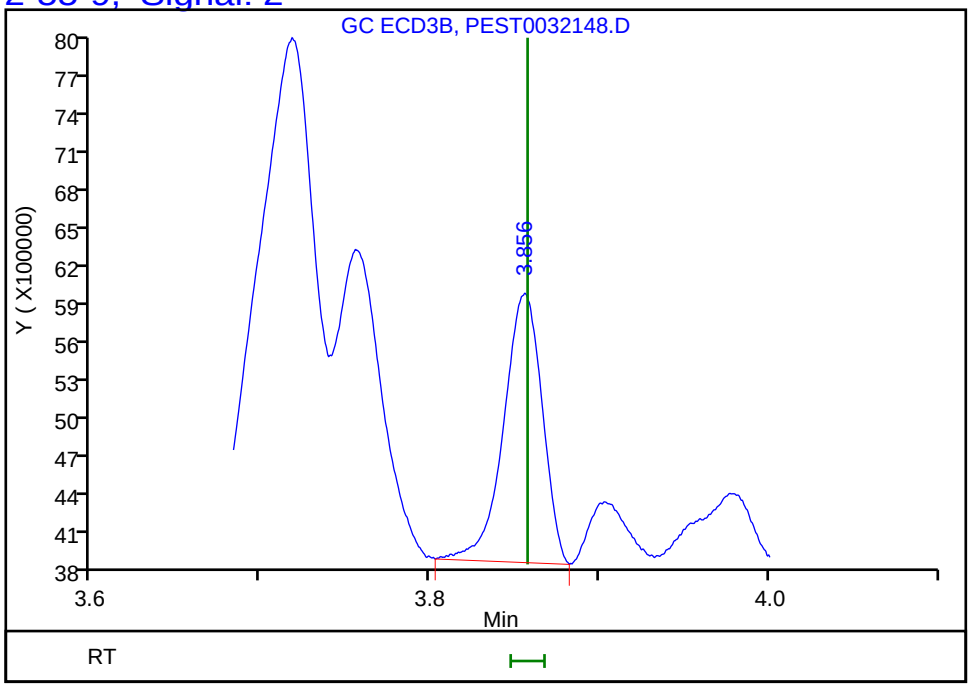
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 3278163

Amount: 1.275527



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032148.D

Injection Date: 01-Nov-2021 18:36:21 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-5-B Lab Sample ID: 460-246210-5

Client ID: HA-3

Operator ID: ALS Bottle#: 75 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

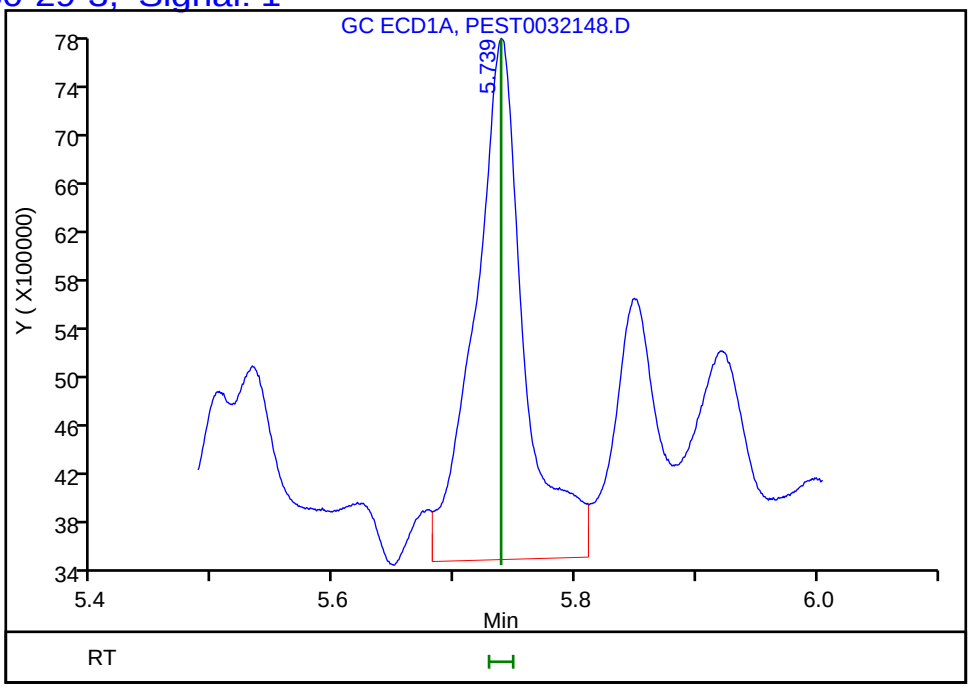
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 11987762

Amount: 8.788690



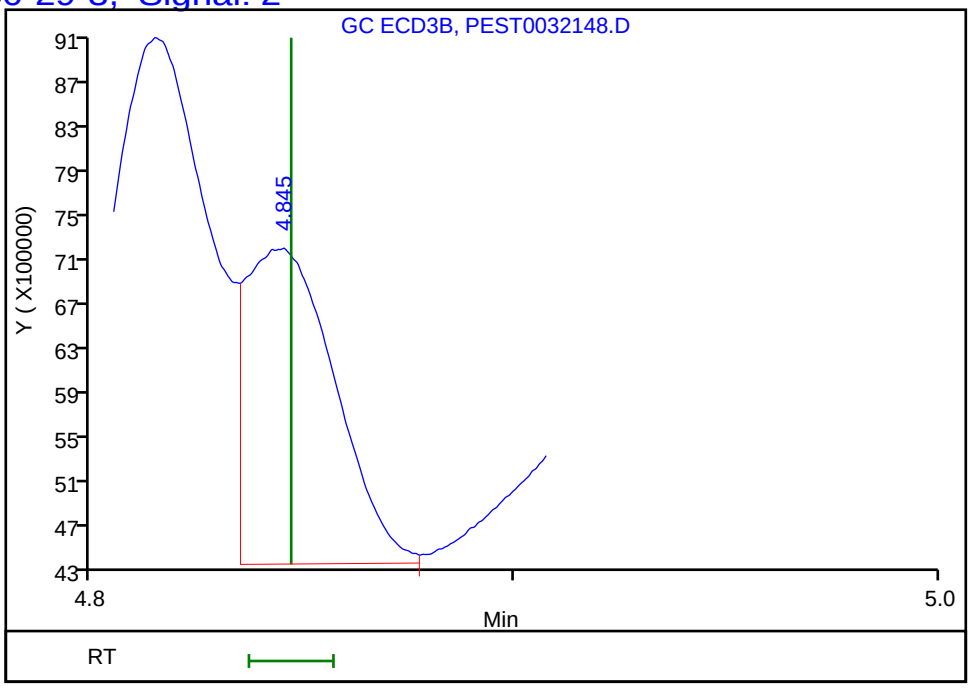
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 4096957

Amount: 1.904731



Reviewer: manlangitf, 02-Nov-2021 04:00:51

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: PEST0032149.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:05

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	33		10-133
2051-24-3	DCB Decachlorobiphenyl	93		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D
Lims ID: 460-246210-F-6-B
Client ID: HA-4
Sample Type: Client
Inject. Date: 01-Nov-2021 18:48:48 ALS Bottle#: 76 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-024
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	135734986	100.0	
2	1.496	1.497	-0.001	177776423	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	27424445	16.5	
2	1.852	1.853	-0.001	40334286	17.5	
					RPD = 5.95	
$ 24 DCB Decachlorobiphenyl						
1	8.323	8.322	0.001	57295467	46.4	
2	7.353	7.353	0.000	93498486	38.1	
					RPD = 19.59	

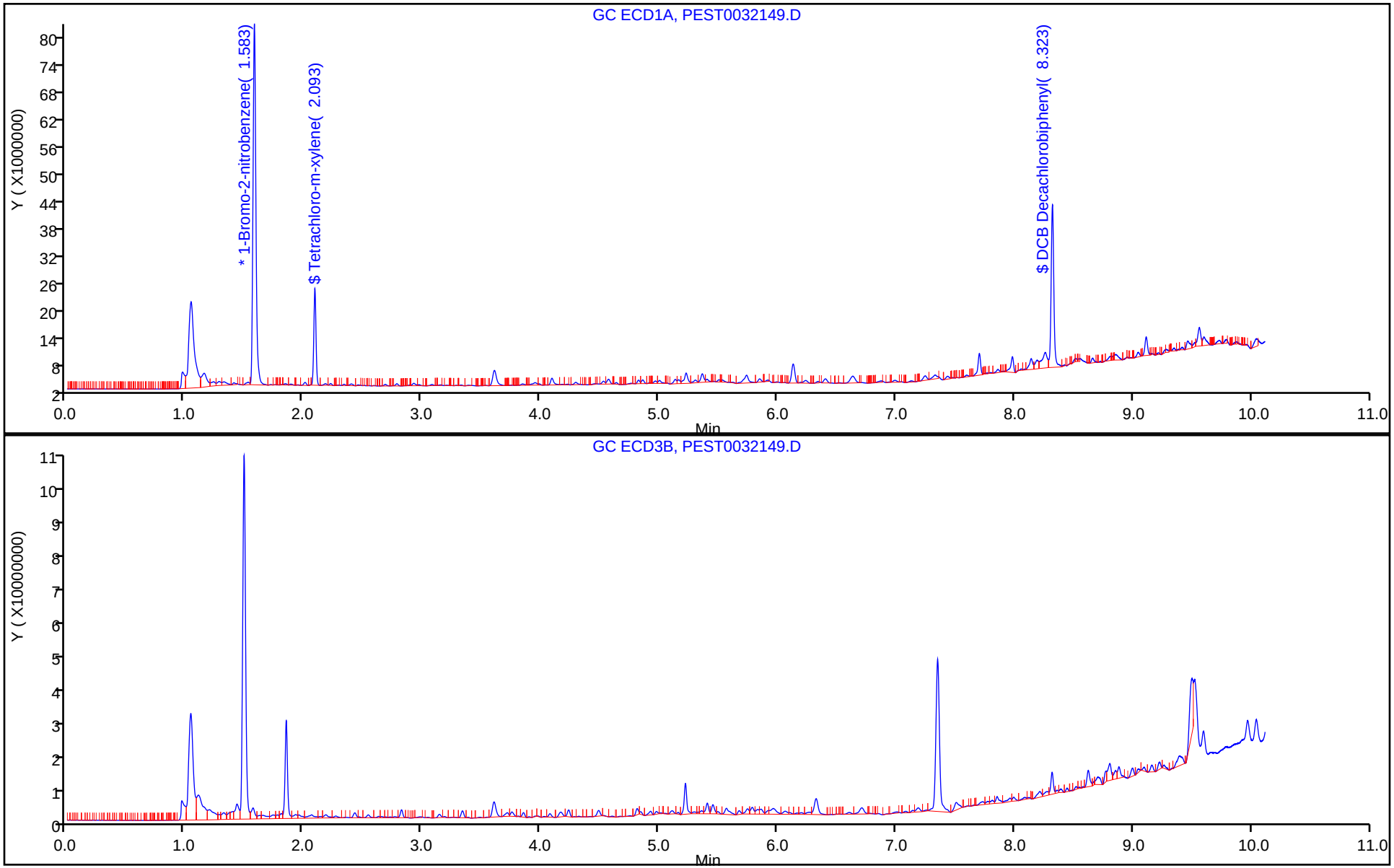
Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D				
Injection Date:	01-Nov-2021 18:48:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-6-B	Lab Sample ID:	460-246210-6	Worklist Smp#:	24
Client ID:	HA-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

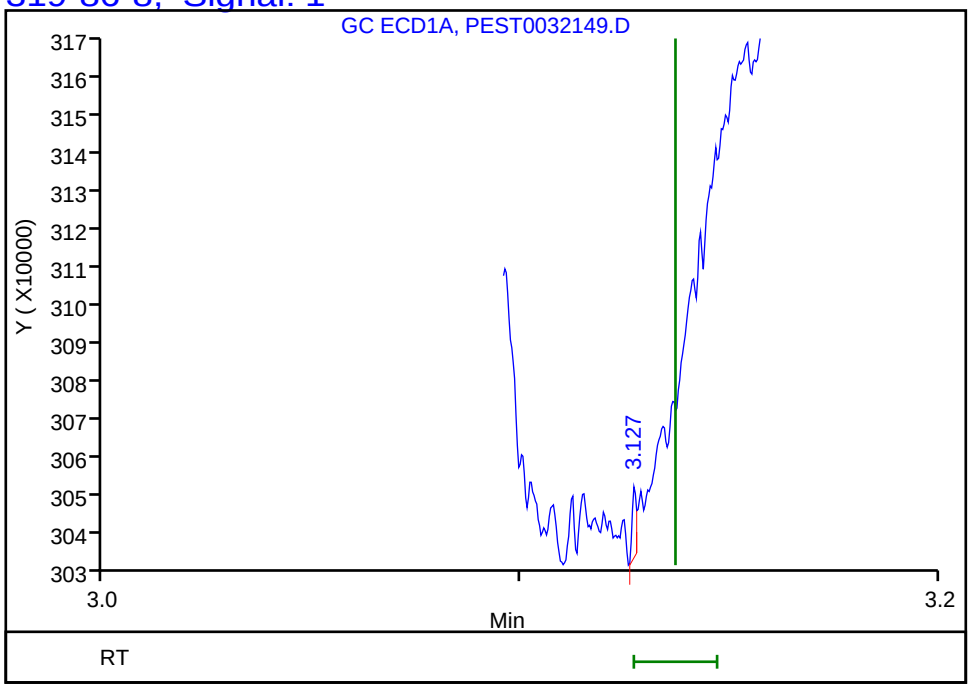
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 1176

Amount: 0.000679



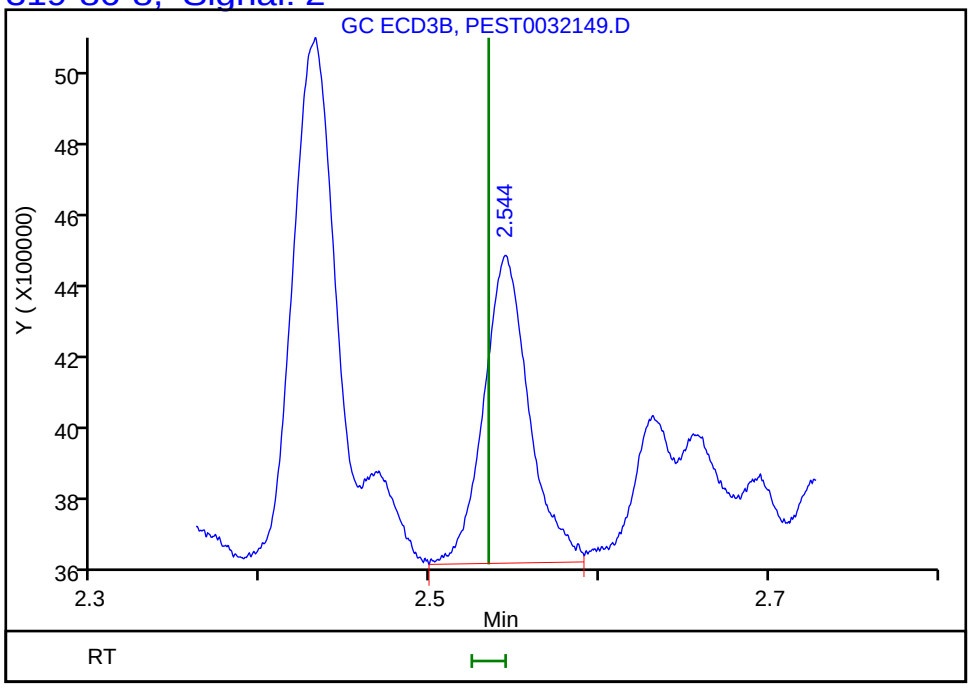
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 1550617

Amount: 0.654761



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

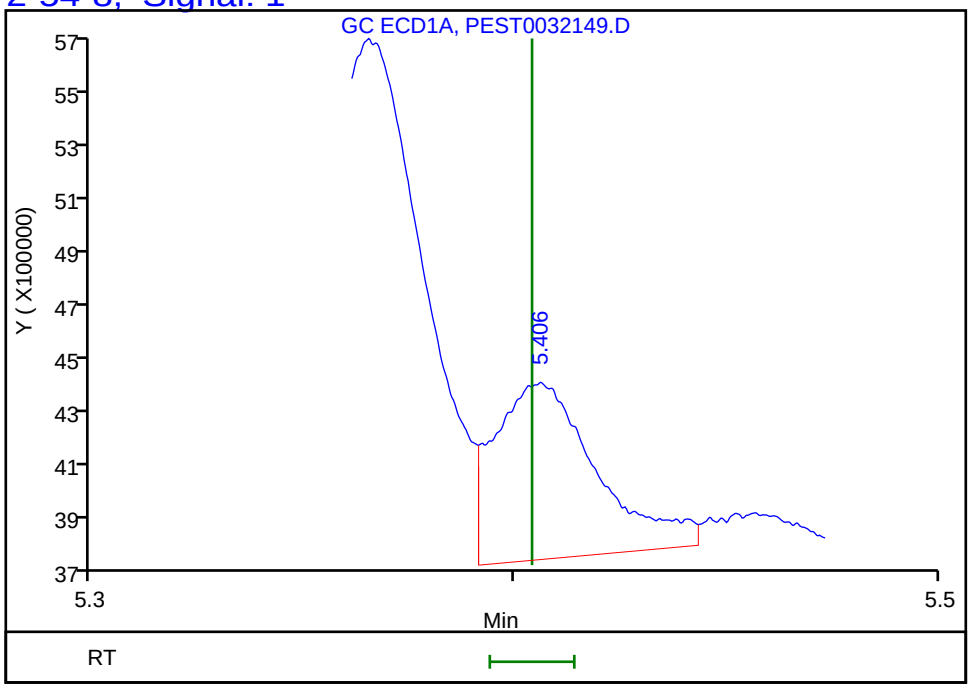
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.41

Response: 1026261

Amount: 0.721280



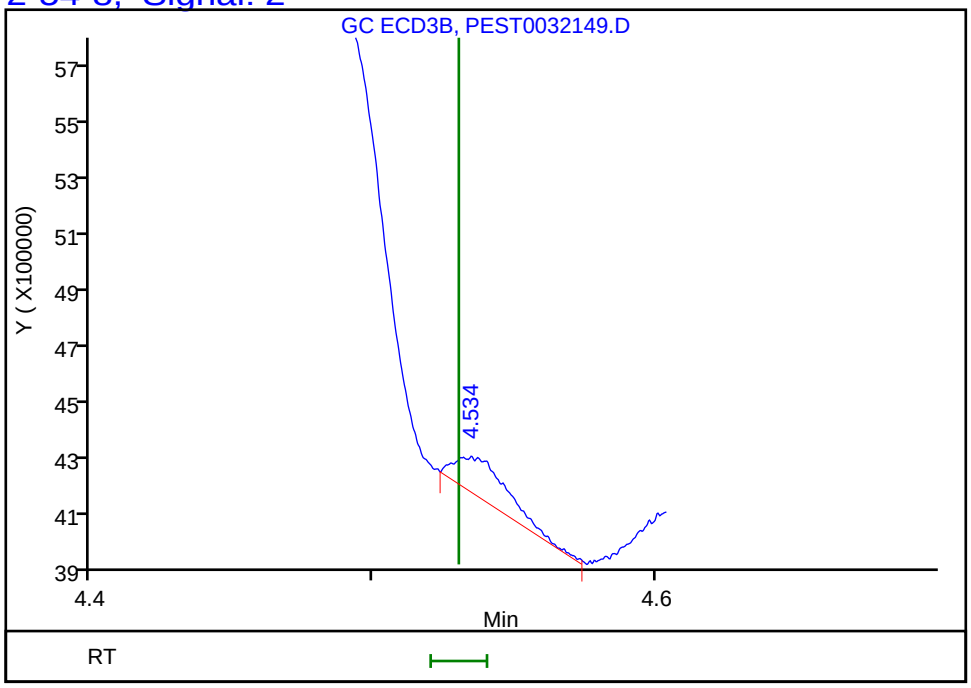
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53

Response: 175544

Amount: 0.083119



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

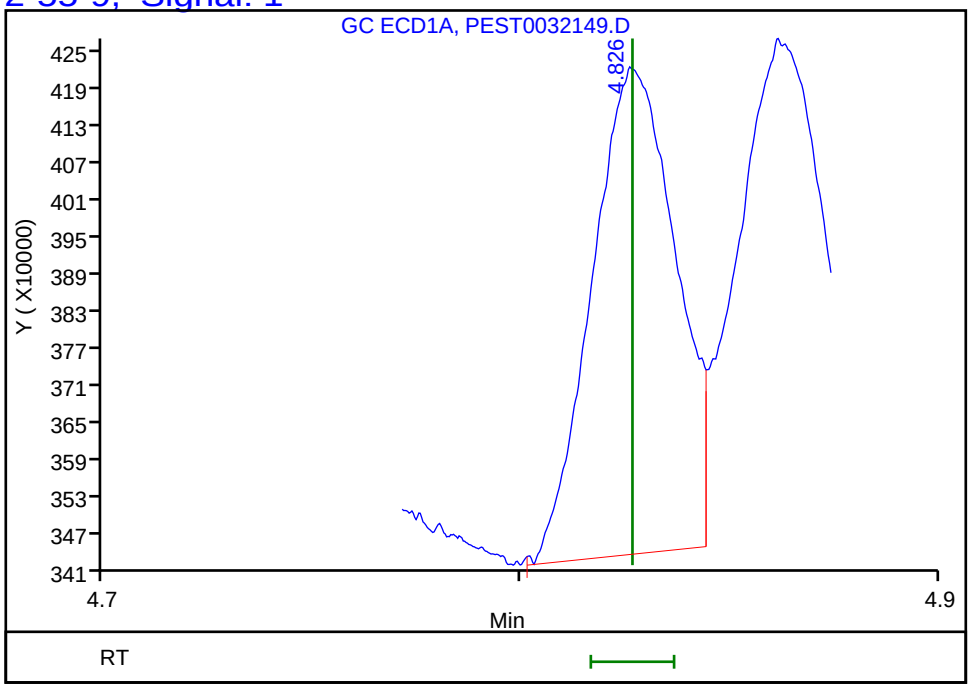
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1105983

Amount: 0.644615



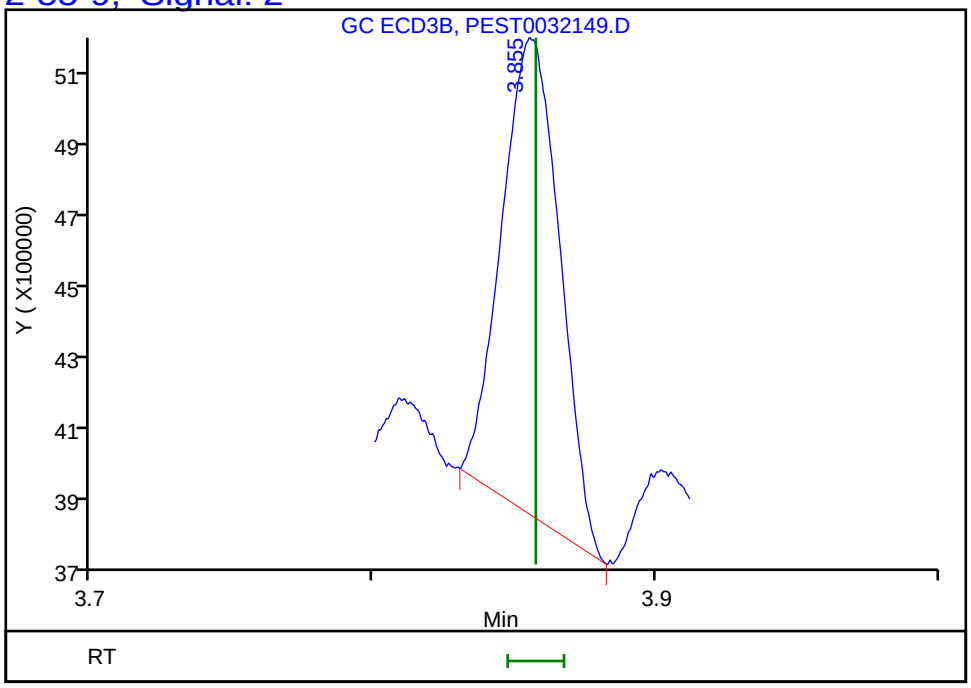
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85

Response: 1867693

Amount: 0.713810



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

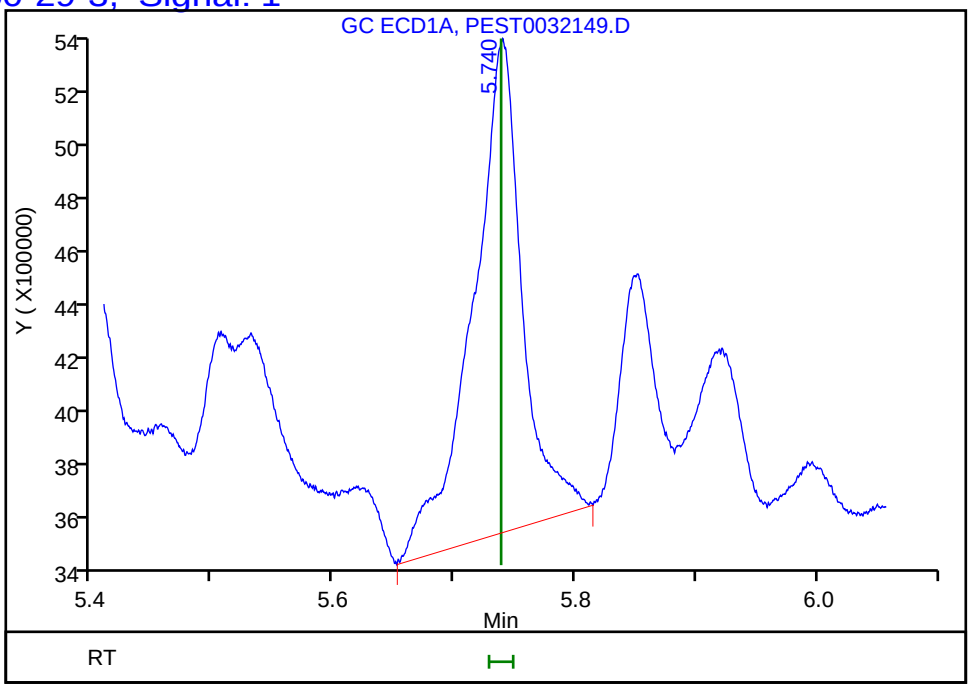
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 4897839

Amount: 3.620639



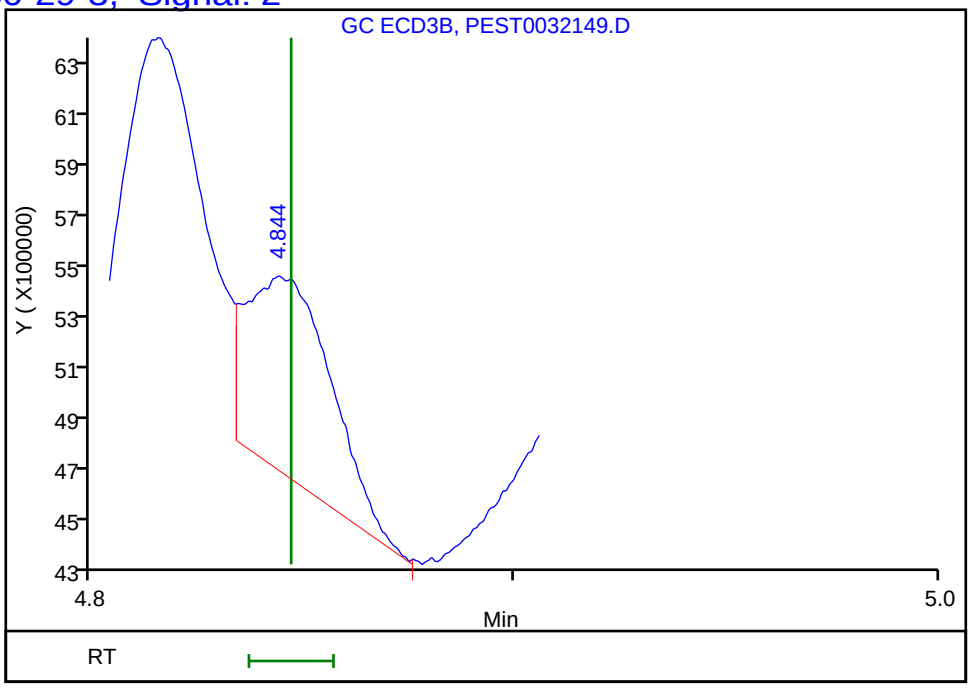
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.84

Response: 1048557

Amount: 0.478831



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

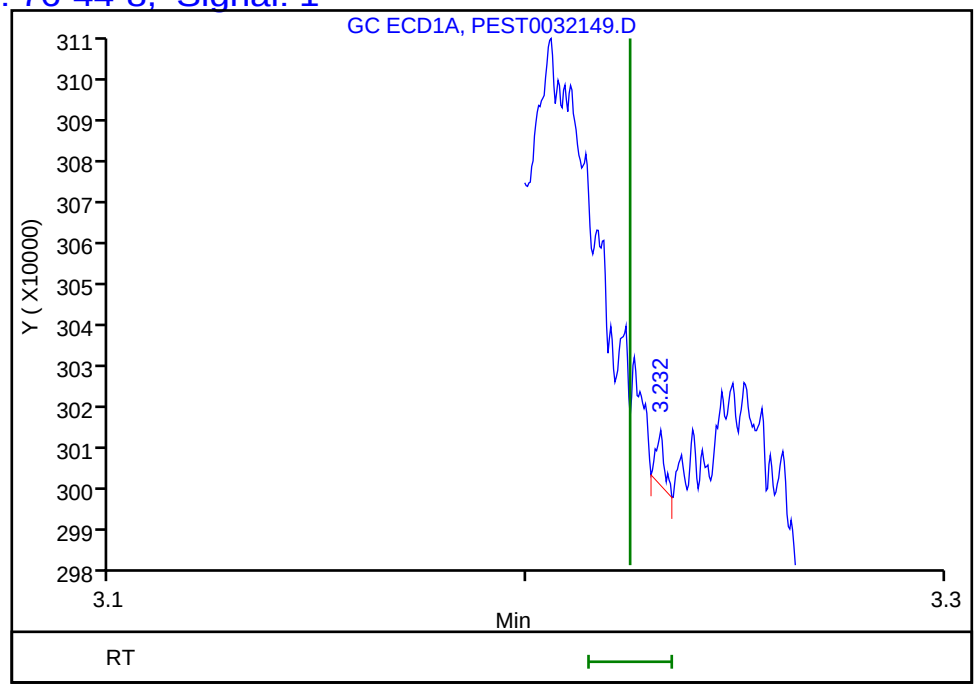
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 1588

Amount: 0.000836



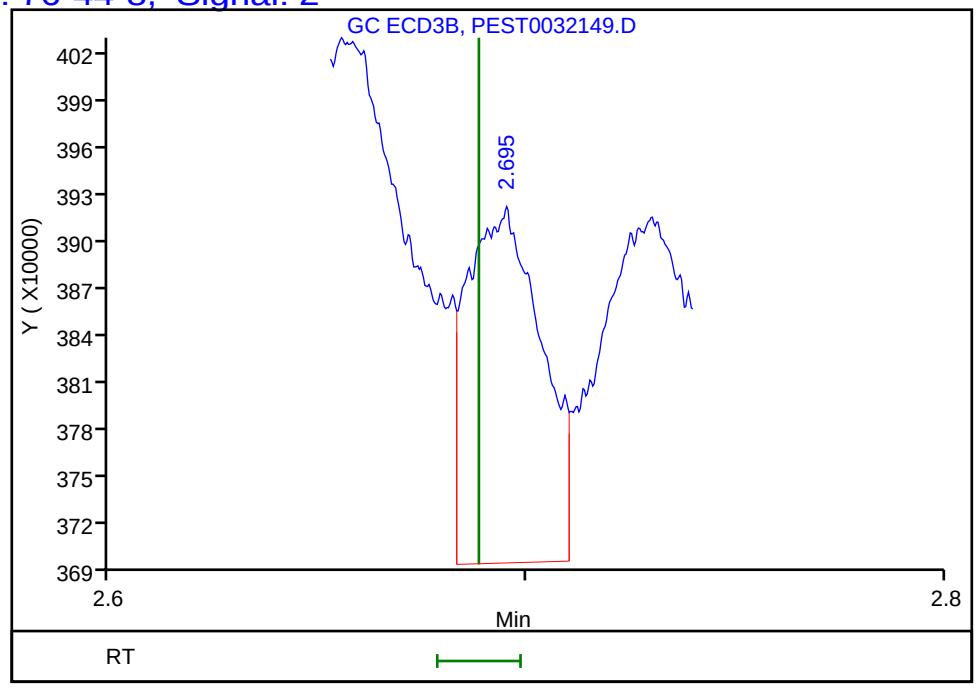
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 282137

Amount: 0.103797



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

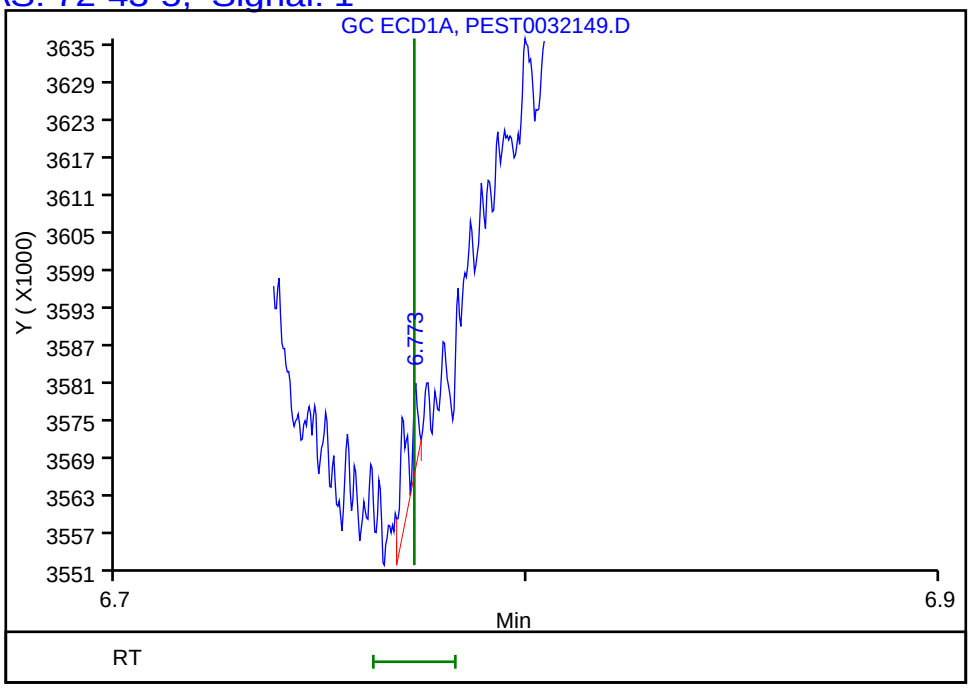
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 3220

Amount: 0.004148



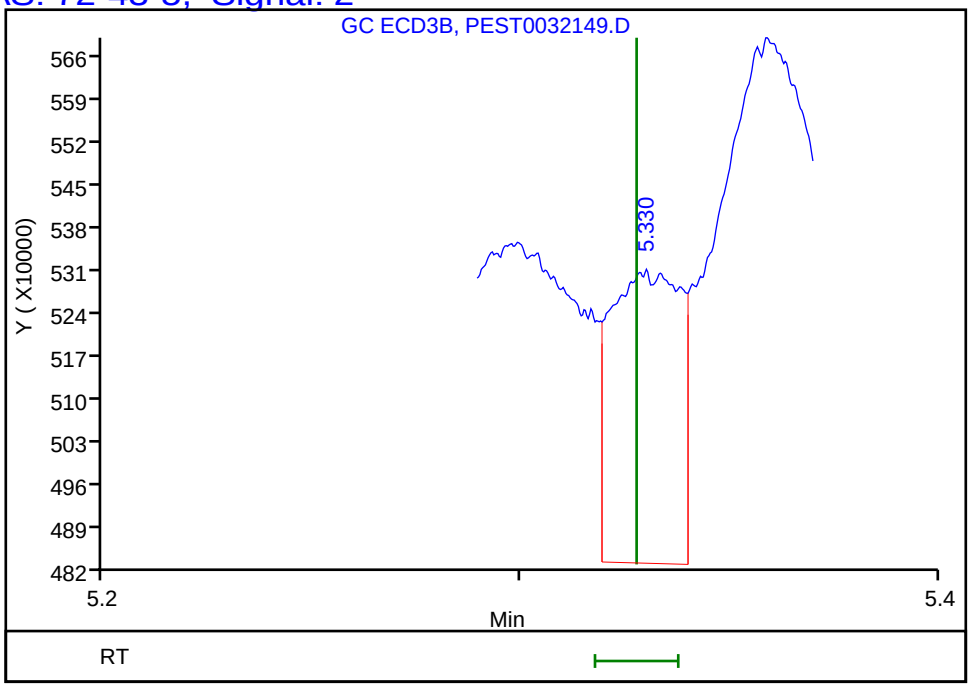
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 553707

Amount: 0.436632



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-4 Lab Sample ID: 460-246210-6

Matrix: Solid Lab File ID: PEST0032149.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:05

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 18:48

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 20.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0013	U	0.0085	0.0013
319-84-6	alpha-BHC	0.00086	U	0.0025	0.00086
319-85-7	beta-BHC	0.00095	U	0.0025	0.00095
319-86-8	delta-BHC	0.00052	U	0.0025	0.00052
58-89-9	gamma-BHC (Lindane)	0.00078	U	0.0025	0.00078
12789-03-6	Chlordane (technical)	0.020	U	0.085	0.020
72-54-8	4,4'-DDD	0.0014	U	0.0085	0.0014
72-55-9	4,4'-DDE	0.0010	U	0.0085	0.0010
50-29-3	4,4'-DDT	0.0016	U	0.0085	0.0016
60-57-1	Dieldrin	0.0011	U	0.0025	0.0011
959-98-8	Endosulfan I	0.0013	U	0.0085	0.0013
33213-65-9	Endosulfan II	0.0022	U	0.0085	0.0022
1031-07-8	Endosulfan sulfate	0.0011	U	0.0085	0.0011
72-20-8	Endrin	0.0012	U	0.0085	0.0012
7421-93-4	Endrin aldehyde	0.0020	U	0.0085	0.0020
53494-70-5	Endrin ketone	0.0016	U	0.0085	0.0016
76-44-8	Heptachlor	0.0010	U	0.0085	0.0010
1024-57-3	Heptachlor epoxide	0.0013	U	0.0085	0.0013
72-43-5	Methoxychlor	0.0019	U	0.0085	0.0019
8001-35-2	Toxaphene	0.031	U	0.085	0.031

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	35		10-133
2051-24-3	DCB Decachlorobiphenyl	76		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D
Lims ID: 460-246210-F-6-B
Client ID: HA-4
Sample Type: Client
Inject. Date: 01-Nov-2021 18:48:48 ALS Bottle#: 76 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-024
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:00:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	135734986	100.0	
2	1.496	1.497	-0.001	177776423	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.093	2.094	-0.001	27424445	16.5	
2	1.852	1.853	-0.001	40334286	17.5	
					RPD = 5.95	
$ 24 DCB Decachlorobiphenyl						
1	8.323	8.322	0.001	57295467	46.4	
2	7.353	7.353	0.000	93498486	38.1	
					RPD = 19.59	

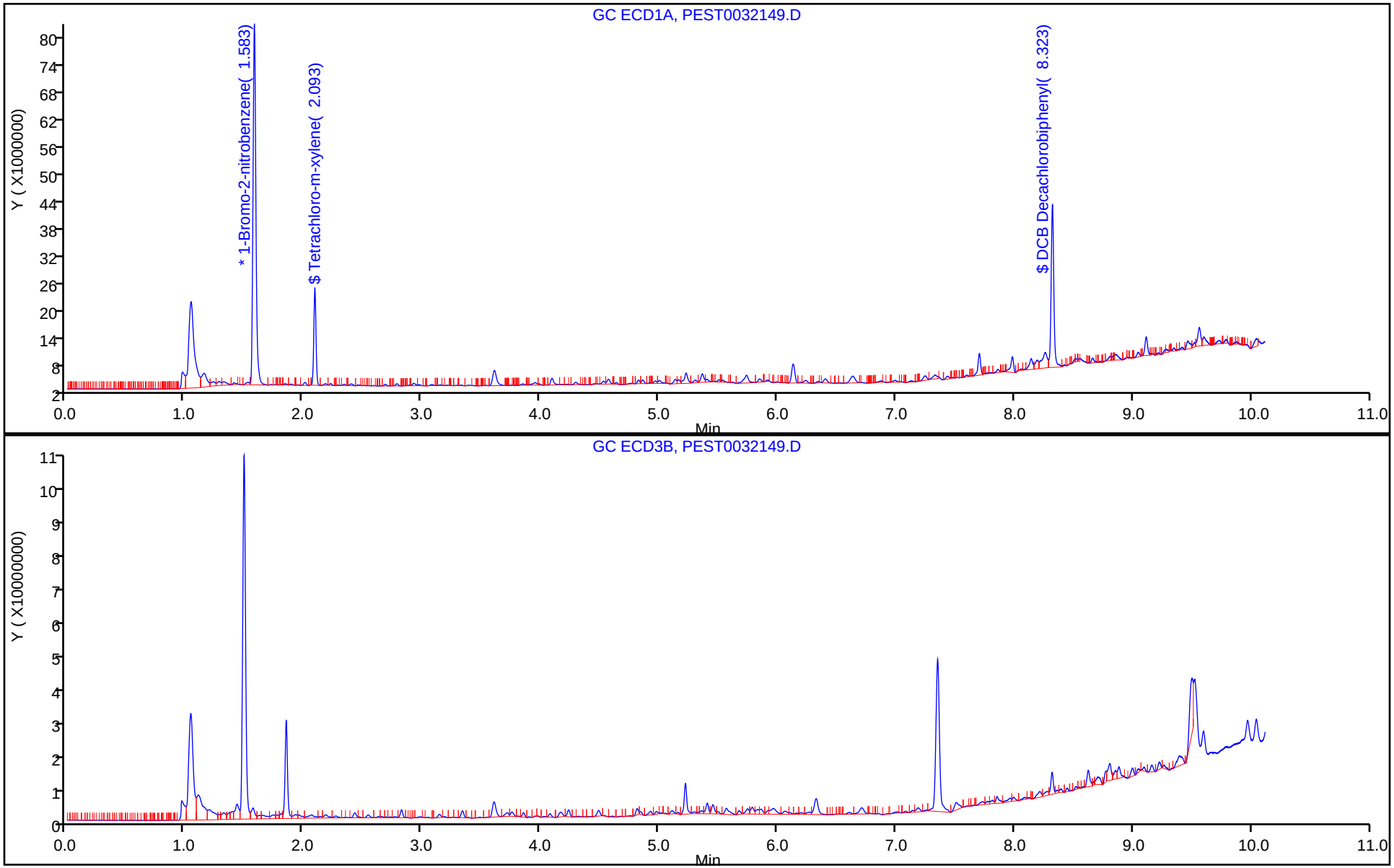
Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D				
Injection Date:	01-Nov-2021 18:48:48	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-6-B	Lab Sample ID:	460-246210-6	Worklist Smp#:	24
Client ID:	HA-4				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	76
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

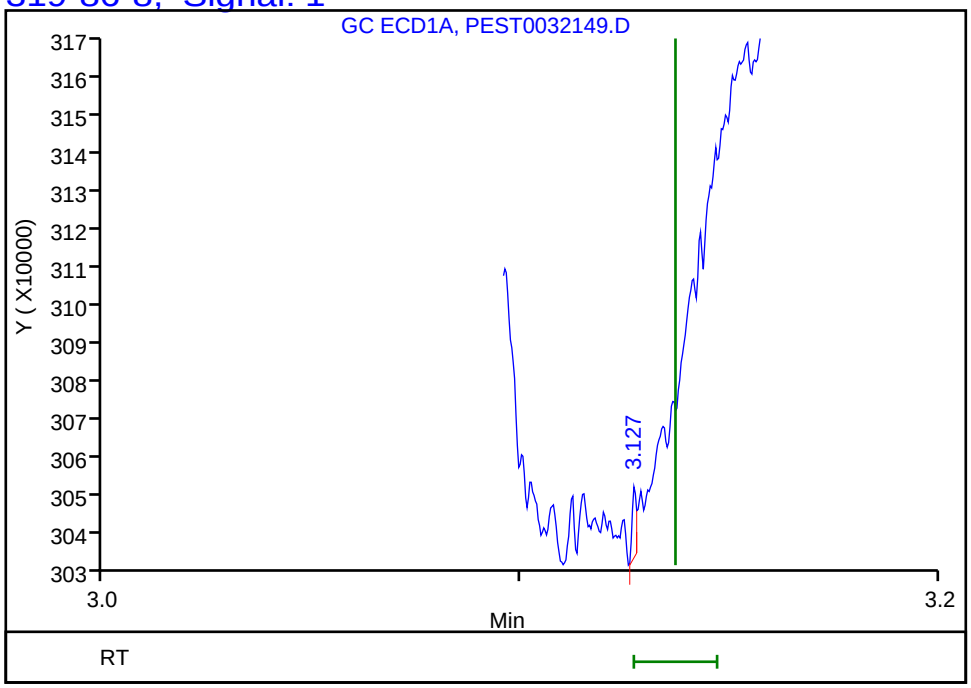
Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.13

Response: 1176

Amount: 0.000679



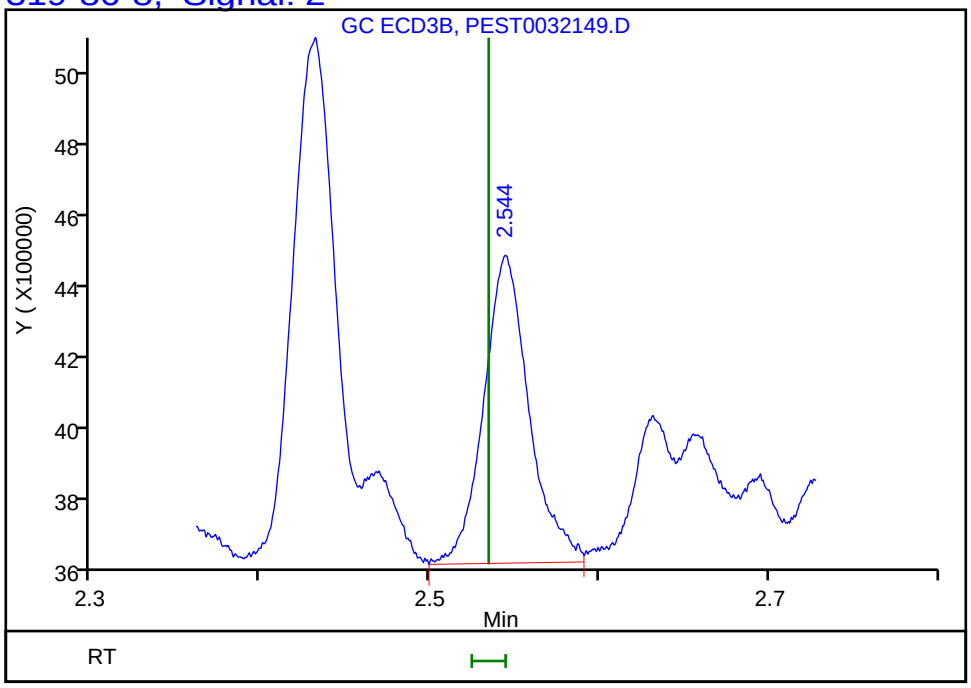
Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.54

Response: 1550617

Amount: 0.654761



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

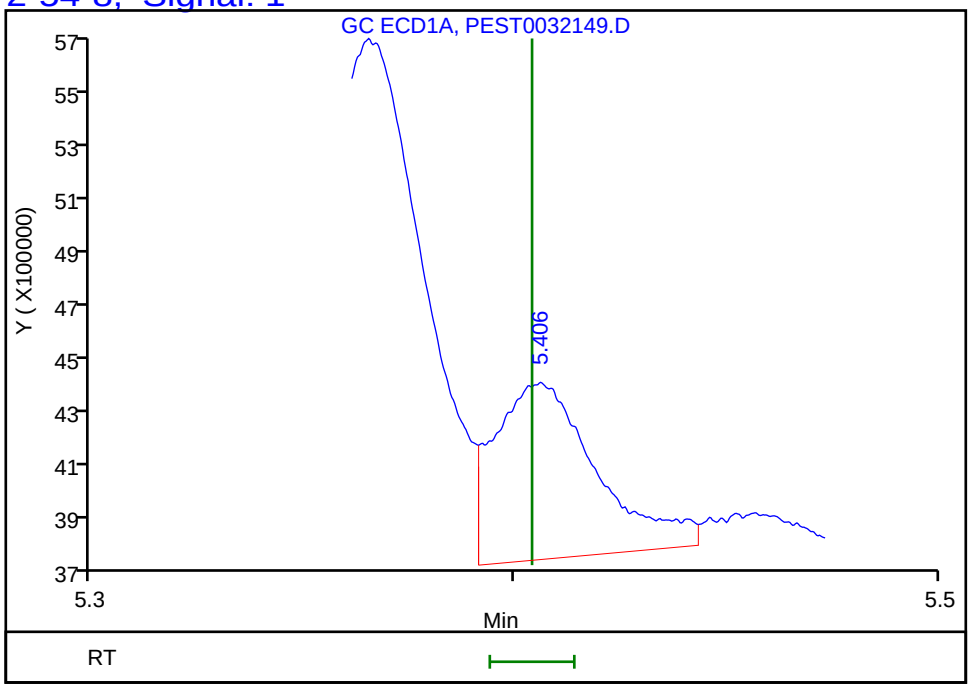
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.41

Response: 1026261

Amount: 0.721280



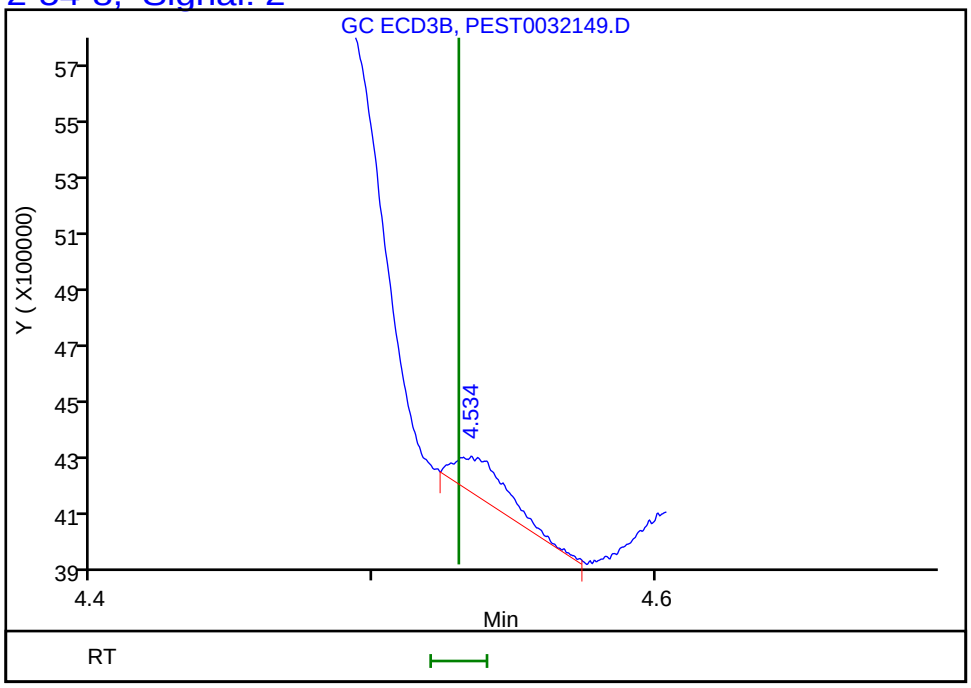
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53

Response: 175544

Amount: 0.083119



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

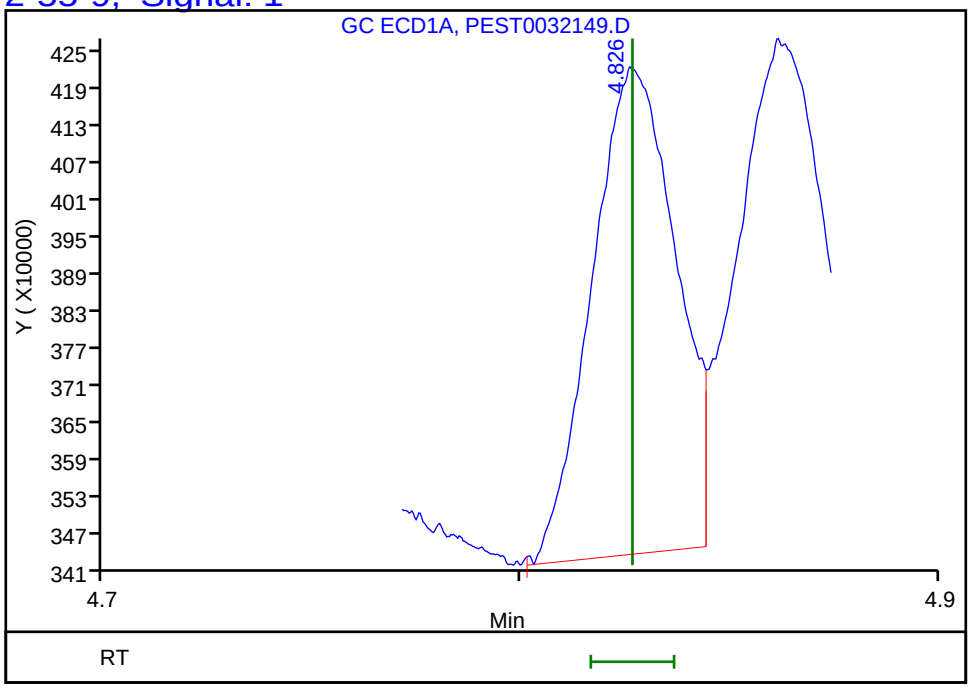
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1105983

Amount: 0.644615



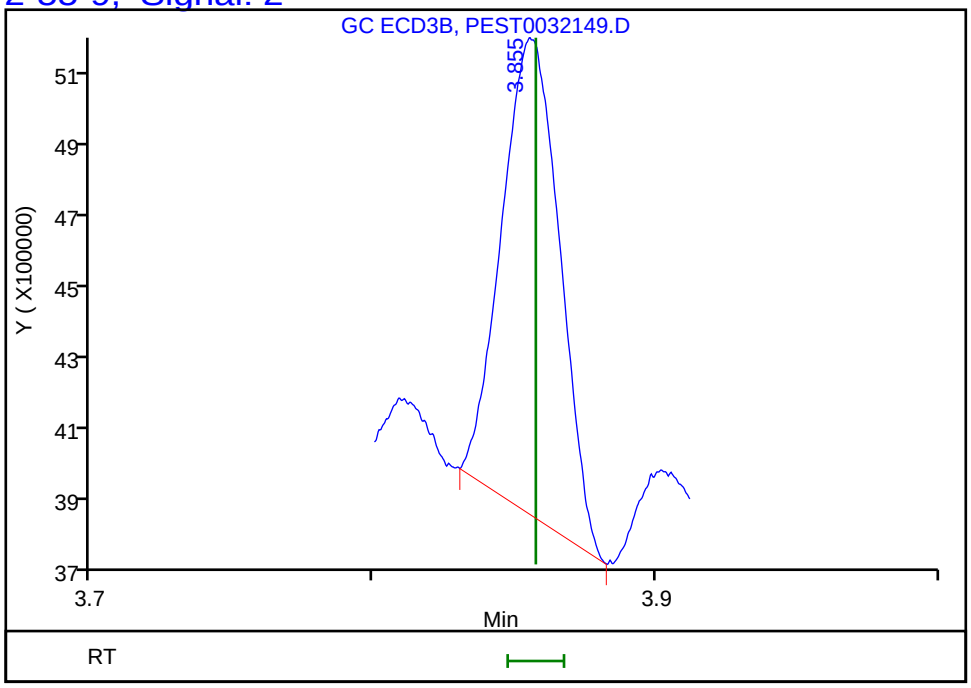
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85

Response: 1867693

Amount: 0.713810



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

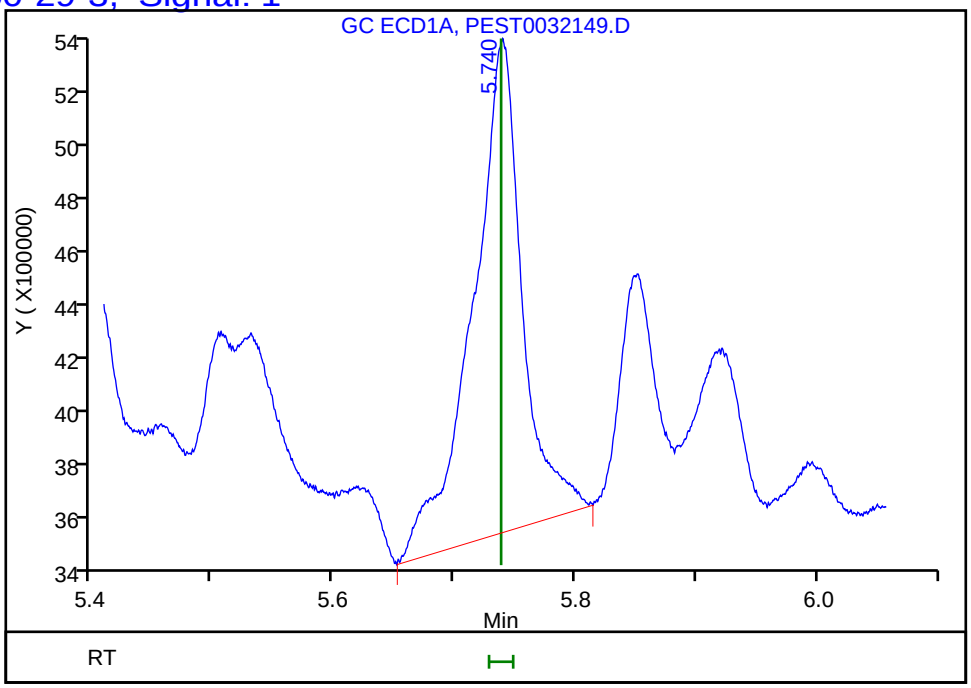
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 4897839

Amount: 3.620639



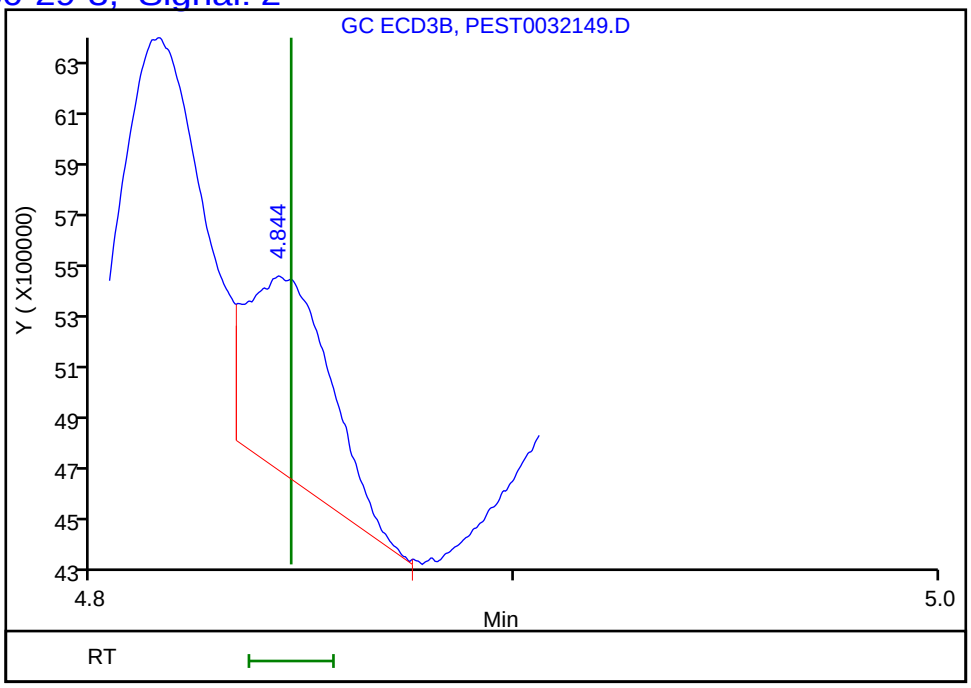
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.84

Response: 1048557

Amount: 0.478831



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

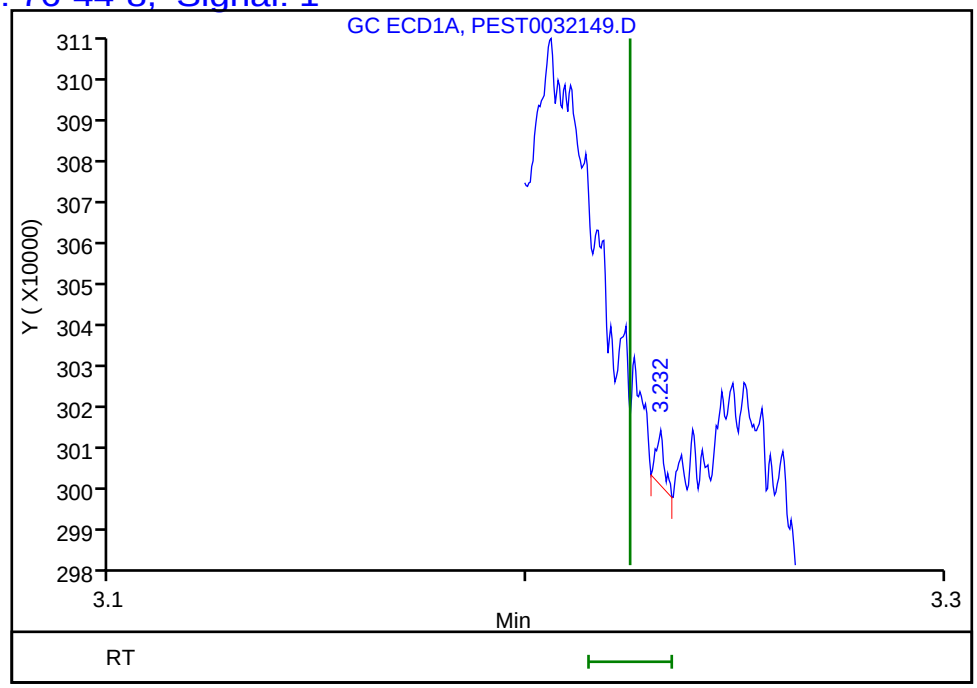
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 1588

Amount: 0.000836



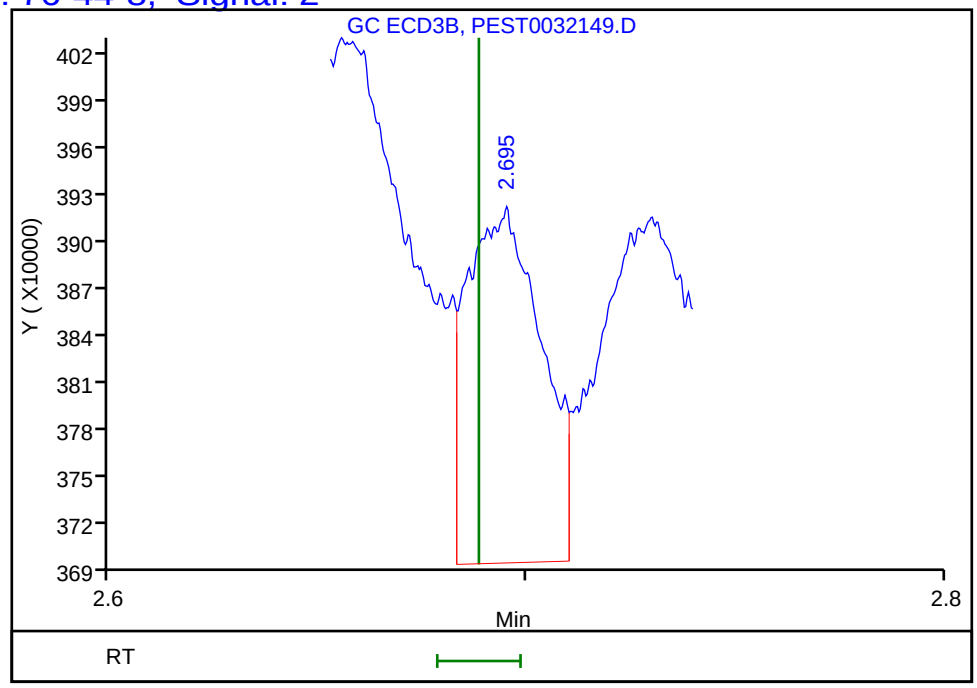
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 282137

Amount: 0.103797



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032149.D

Injection Date: 01-Nov-2021 18:48:48 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-6-B Lab Sample ID: 460-246210-6

Client ID: HA-4

Operator ID: ALS Bottle#: 76 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

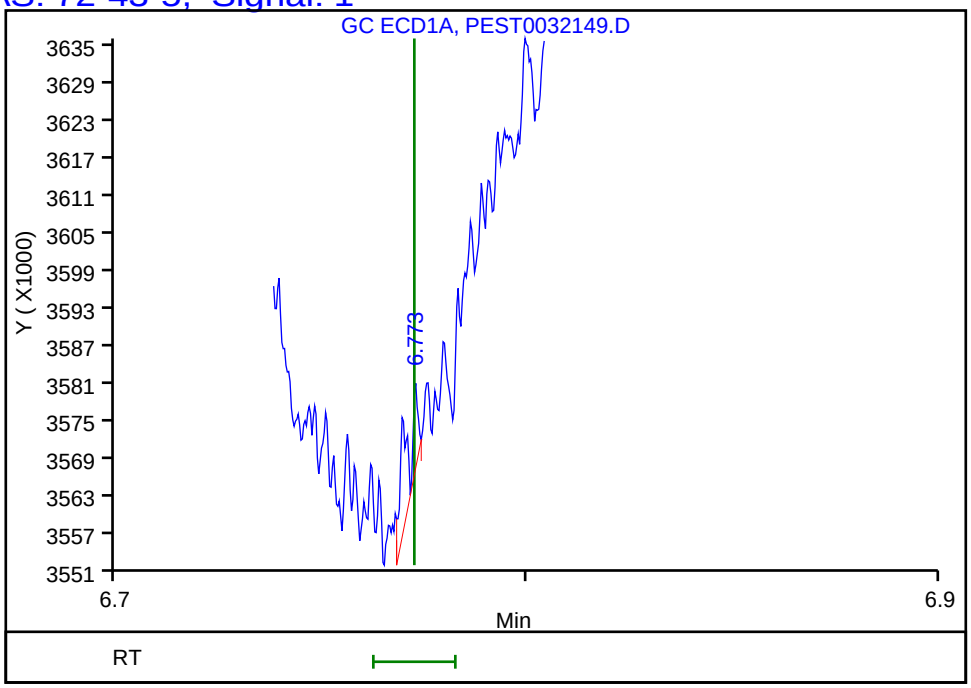
Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.77

Response: 3220

Amount: 0.004148



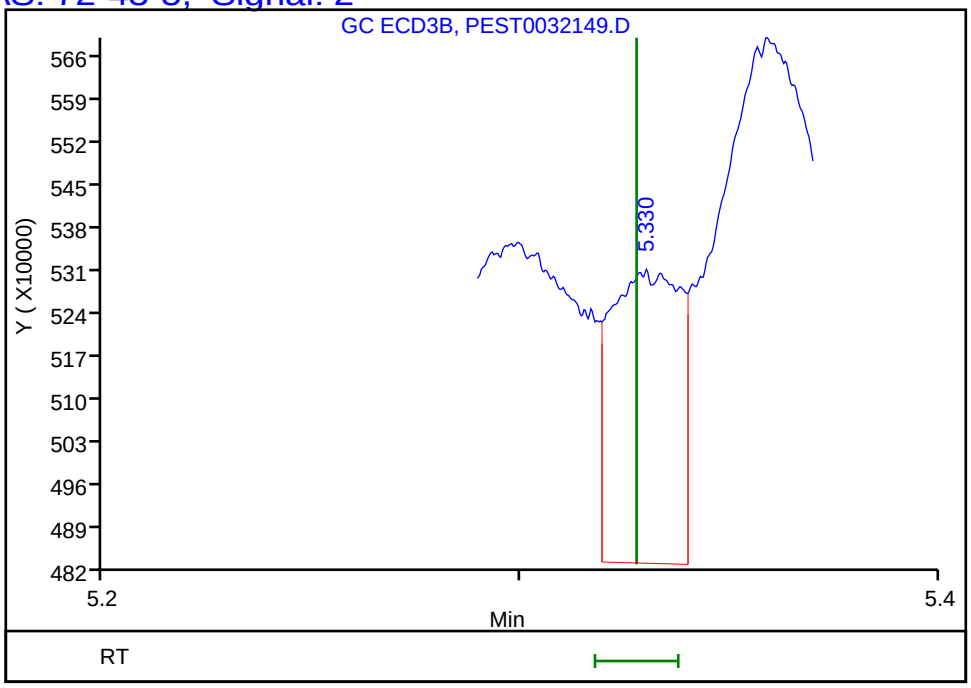
Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33

Response: 553707

Amount: 0.436632



Reviewer: manlangitf, 02-Nov-2021 04:00:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: PEST0032150.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:20

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 19:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	37		10-133
2051-24-3	DCB Decachlorobiphenyl	92		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D
Lims ID: 460-246210-F-7-B
Client ID: HA-5
Sample Type: Client
Inject. Date: 01-Nov-2021 19:01:08 ALS Bottle#: 77 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-025
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:01:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	133266253	100.0	
2	1.496	1.497	-0.001	174047875	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.094	2.094	0.000	30288284	18.5	
2	1.852	1.853	-0.001	45441955	20.1	
					RPD = 8.22	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	55805405	46.0	
2	7.354	7.353	0.001	94756011	39.4	
					RPD = 15.37	

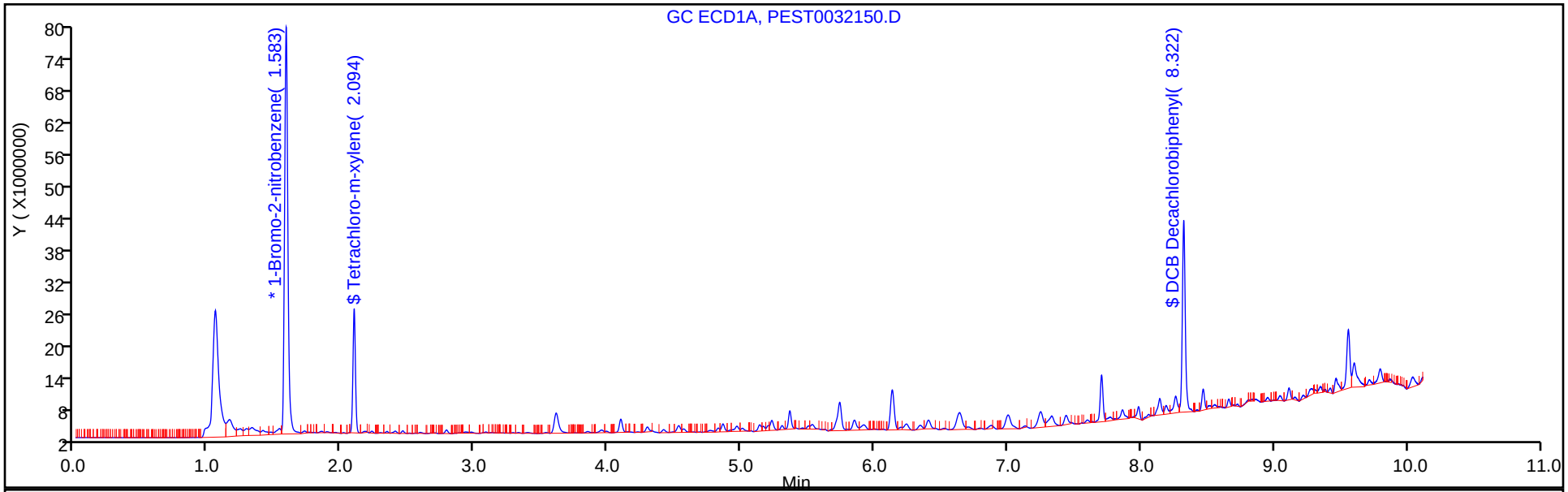
Reagents:

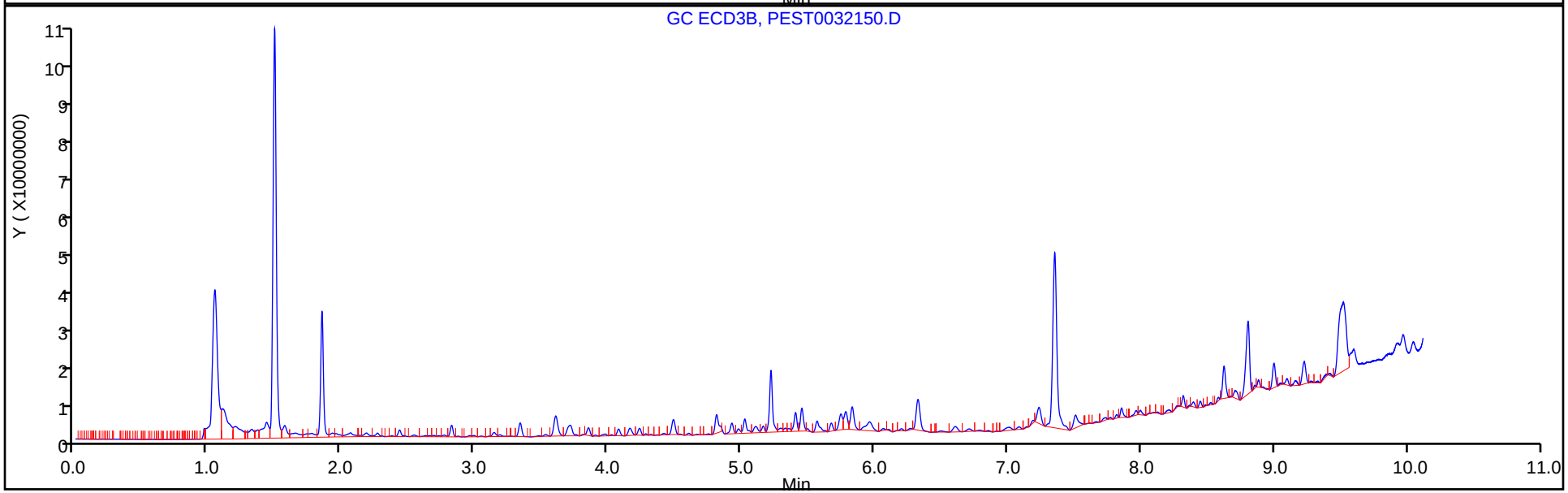
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:42 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D				
Injection Date:	01-Nov-2021 19:01:08	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-7-B	Lab Sample ID:	460-246210-7	Worklist Smp#:	25
Client ID:	HA-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

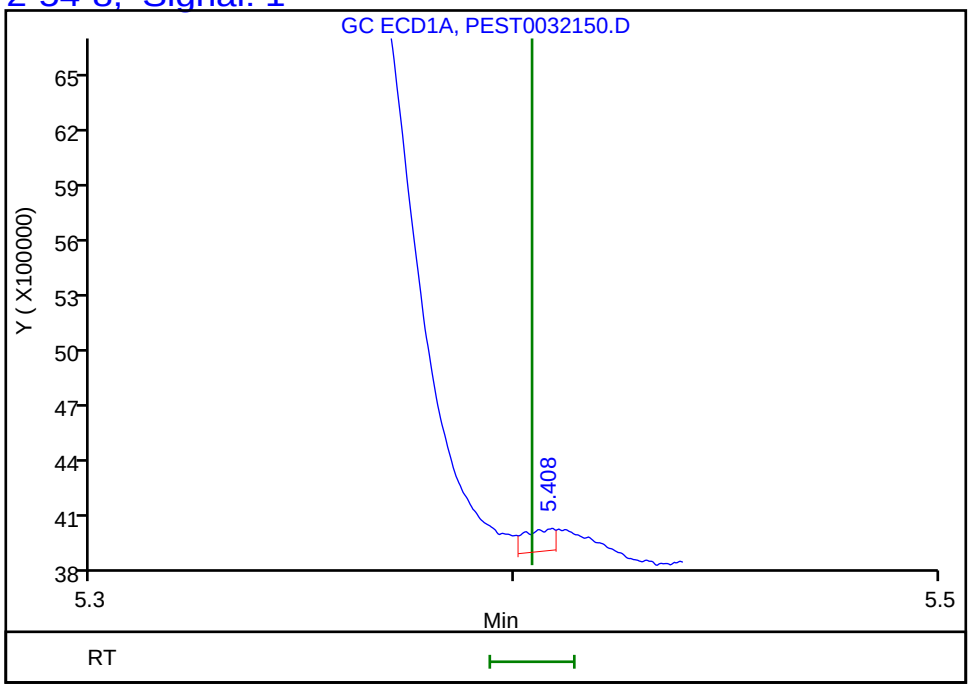
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.41

Response: 57389

Amount: 0.041082



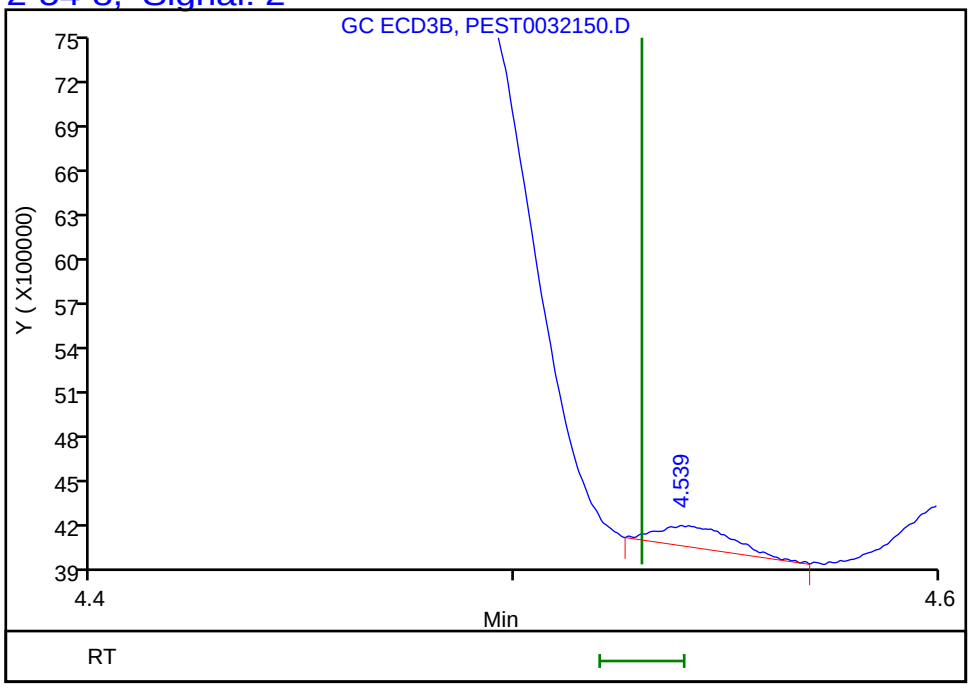
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54

Response: 178263

Amount: 0.086215



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

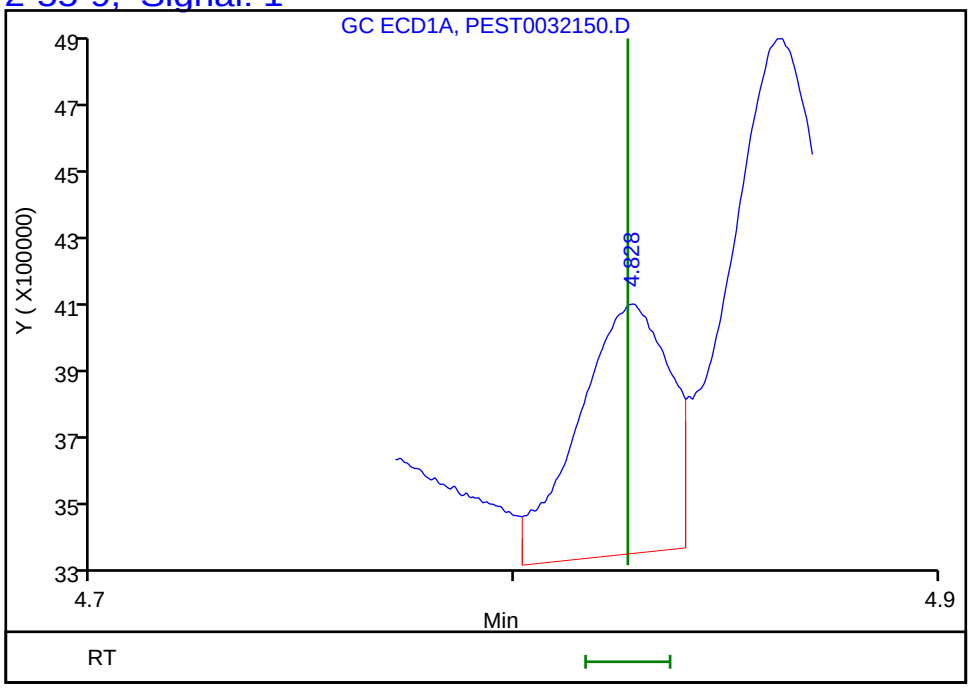
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1104431

Amount: 0.655635



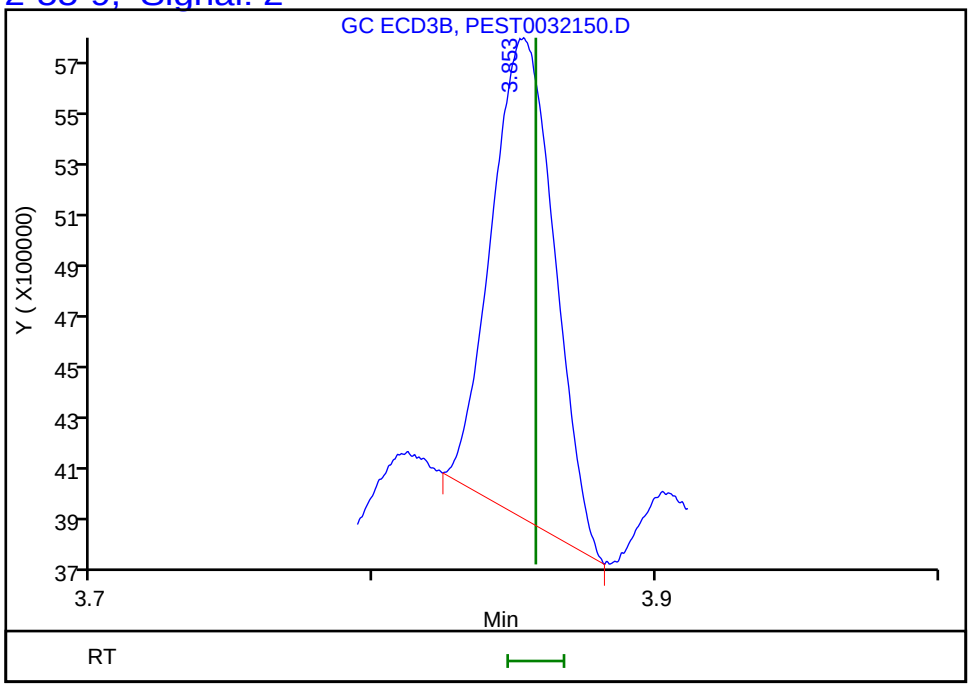
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85

Response: 2953606

Amount: 1.153016



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

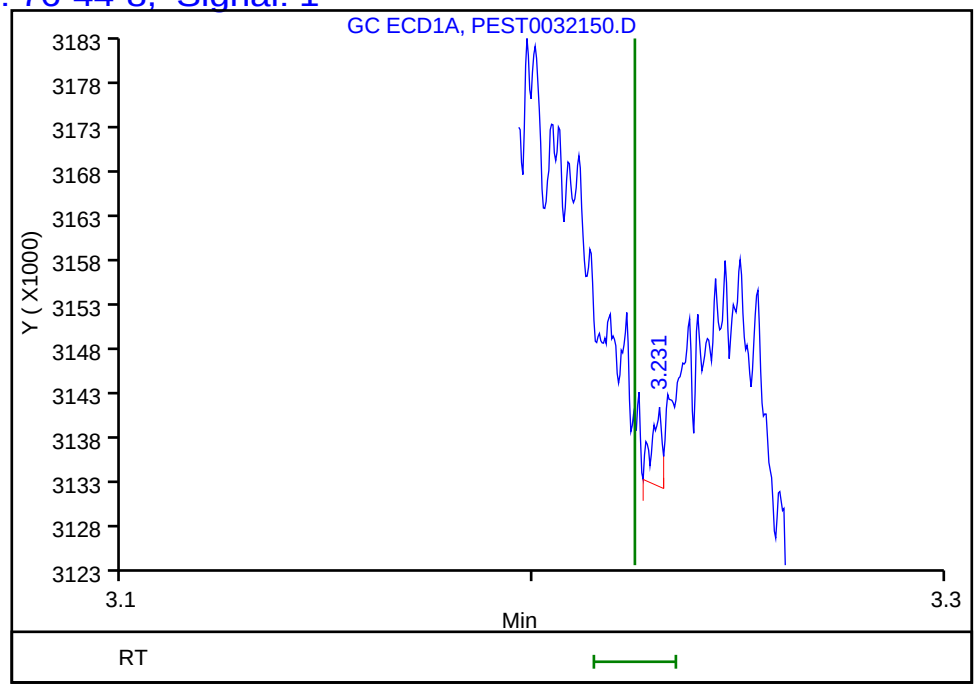
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 1496

Amount: 0.000802



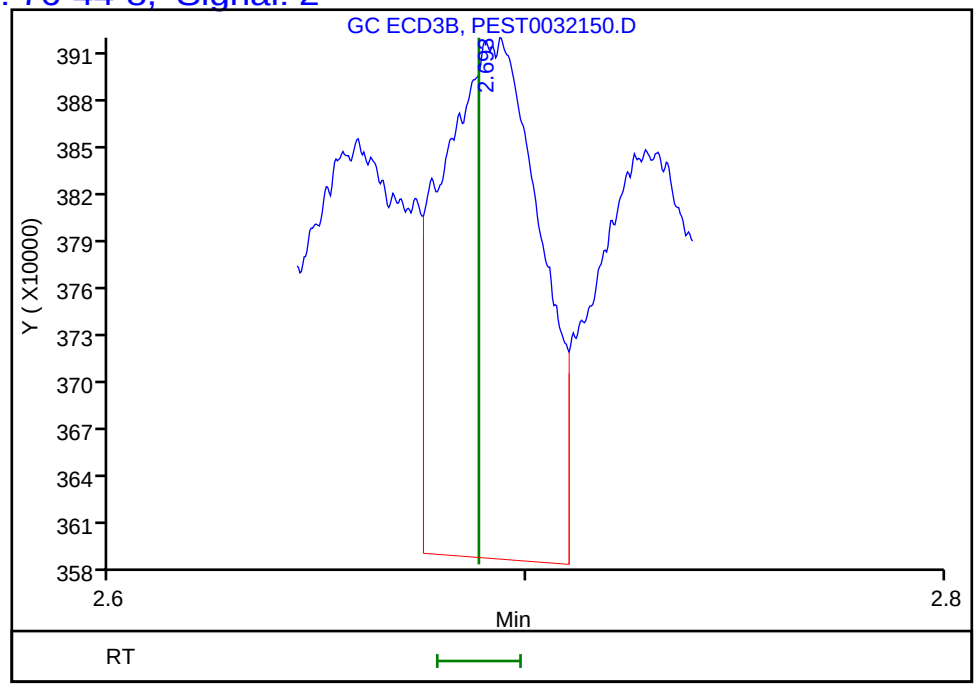
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 525974

Amount: 0.197649



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-5 Lab Sample ID: 460-246210-7

Matrix: Solid Lab File ID: PEST0032150.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:20

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 19:01

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 25.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0014	U	0.0090	0.0014
319-84-6	alpha-BHC	0.00092	U	0.0027	0.00092
319-85-7	beta-BHC	0.0010	U	0.0027	0.0010
319-86-8	delta-BHC	0.00055	U	0.0027	0.00055
58-89-9	gamma-BHC (Lindane)	0.00084	U	0.0027	0.00084
12789-03-6	Chlordane (technical)	0.022	U	0.090	0.022
72-54-8	4,4'-DDD	0.0015	U	0.0090	0.0015
72-55-9	4,4'-DDE	0.0011	U	0.0090	0.0011
50-29-3	4,4'-DDT	0.0017	U	0.0090	0.0017
60-57-1	Dieldrin	0.0012	U	0.0027	0.0012
959-98-8	Endosulfan I	0.0014	U	0.0090	0.0014
33213-65-9	Endosulfan II	0.0023	U	0.0090	0.0023
1031-07-8	Endosulfan sulfate	0.0011	U	0.0090	0.0011
72-20-8	Endrin	0.0013	U	0.0090	0.0013
7421-93-4	Endrin aldehyde	0.0021	U	0.0090	0.0021
53494-70-5	Endrin ketone	0.0018	U	0.0090	0.0018
76-44-8	Heptachlor	0.0011	U	0.0090	0.0011
1024-57-3	Heptachlor epoxide	0.0013	U	0.0090	0.0013
72-43-5	Methoxychlor	0.0021	U	0.0090	0.0021
8001-35-2	Toxaphene	0.033	U	0.090	0.033

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	40		10-133
2051-24-3	DCB Decachlorobiphenyl	79		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D
Lims ID: 460-246210-F-7-B
Client ID: HA-5
Sample Type: Client
Inject. Date: 01-Nov-2021 19:01:08 ALS Bottle#: 77 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-025
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:01:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	133266253	100.0	
2	1.496	1.497	-0.001	174047875	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.094	2.094	0.000	30288284	18.5	
2	1.852	1.853	-0.001	45441955	20.1	
					RPD = 8.22	
$ 24 DCB Decachlorobiphenyl						
1	8.322	8.322	0.000	55805405	46.0	
2	7.354	7.353	0.001	94756011	39.4	
					RPD = 15.37	

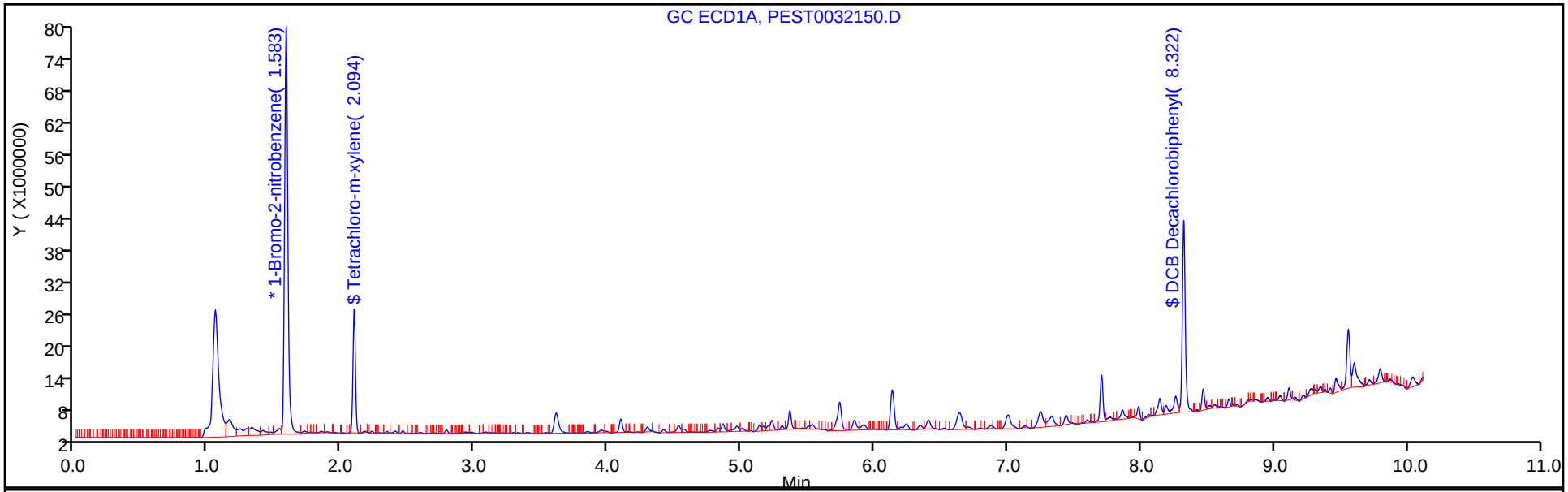
Reagents:

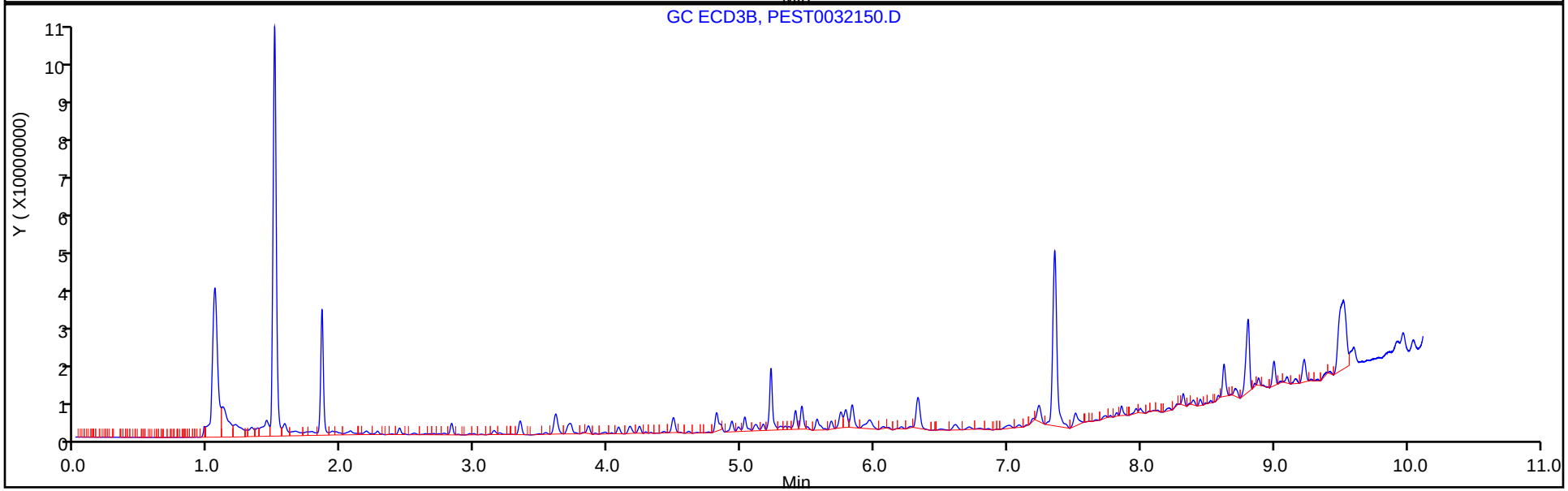
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:43 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D				
Injection Date:	01-Nov-2021 19:01:08	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-7-B	Lab Sample ID:	460-246210-7	Worklist Smp#:	25
Client ID:	HA-5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	77
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

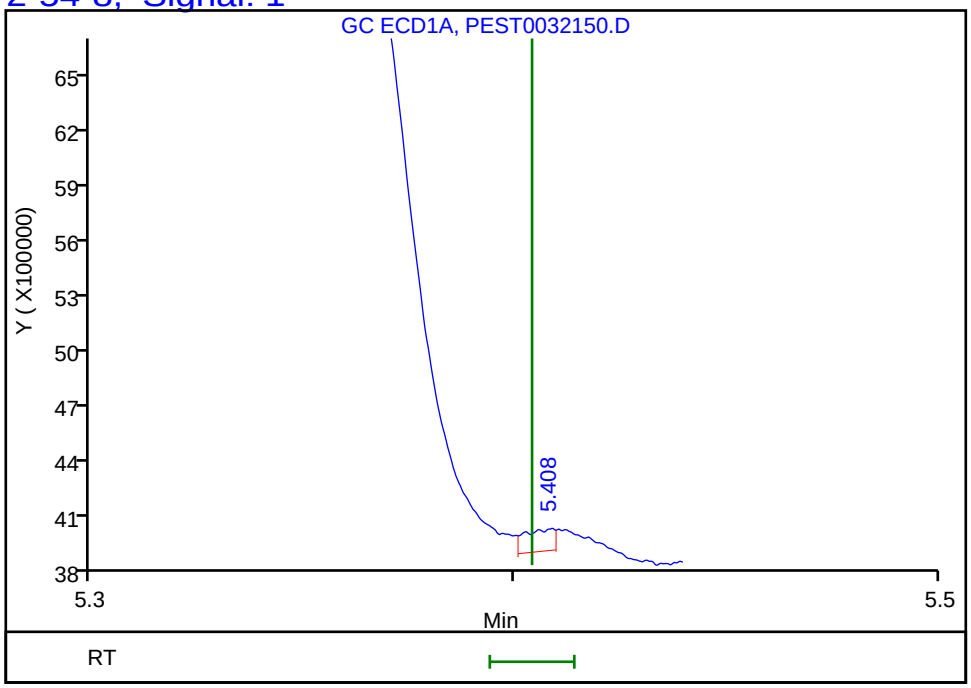
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.41

Response: 57389

Amount: 0.041082



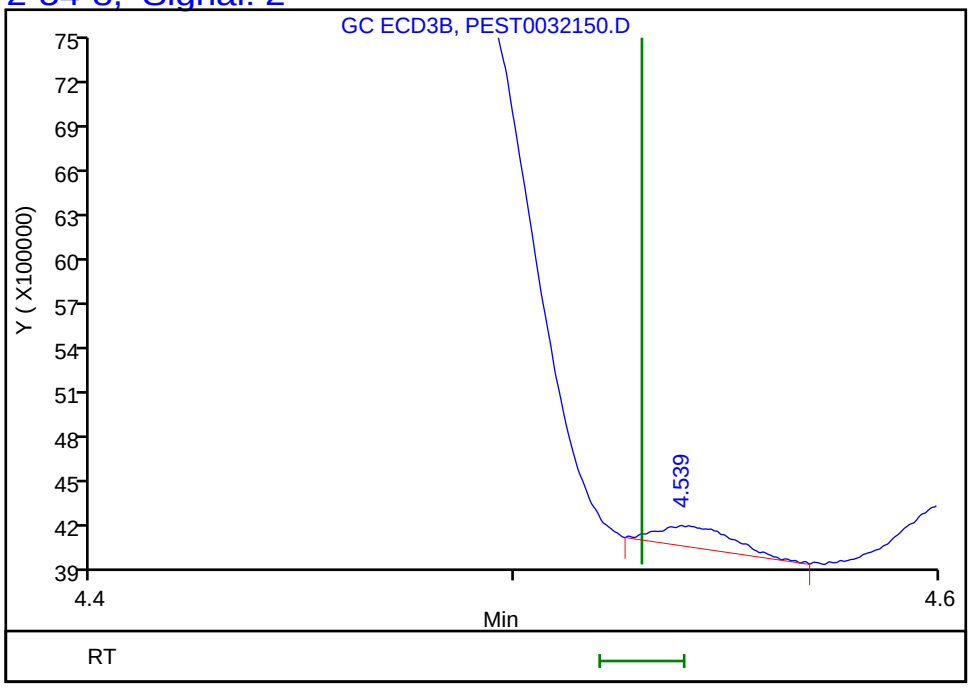
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54

Response: 178263

Amount: 0.086215



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

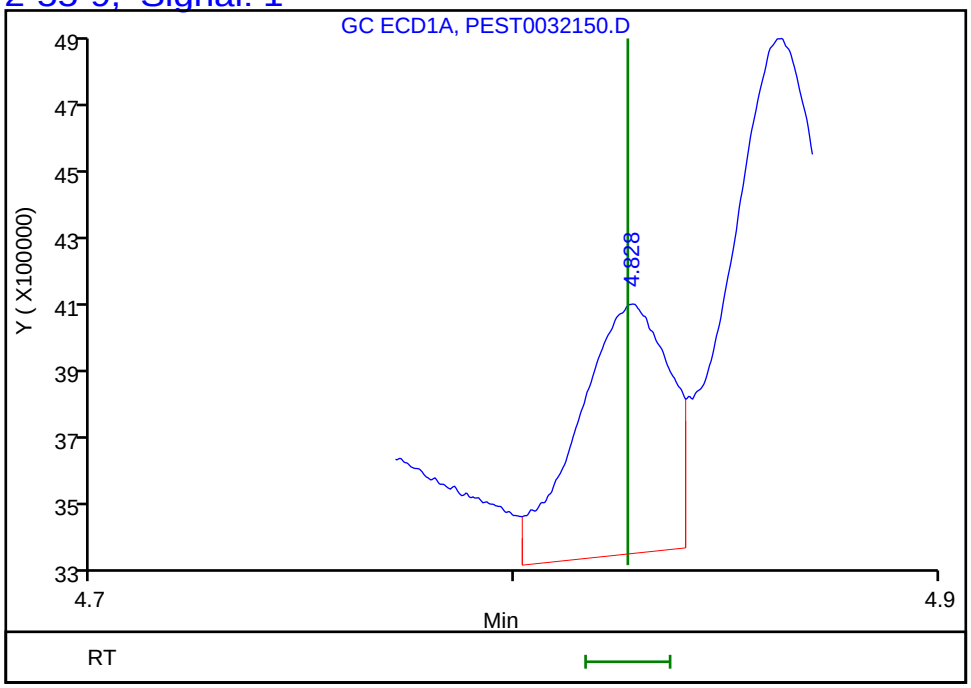
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1104431

Amount: 0.655635



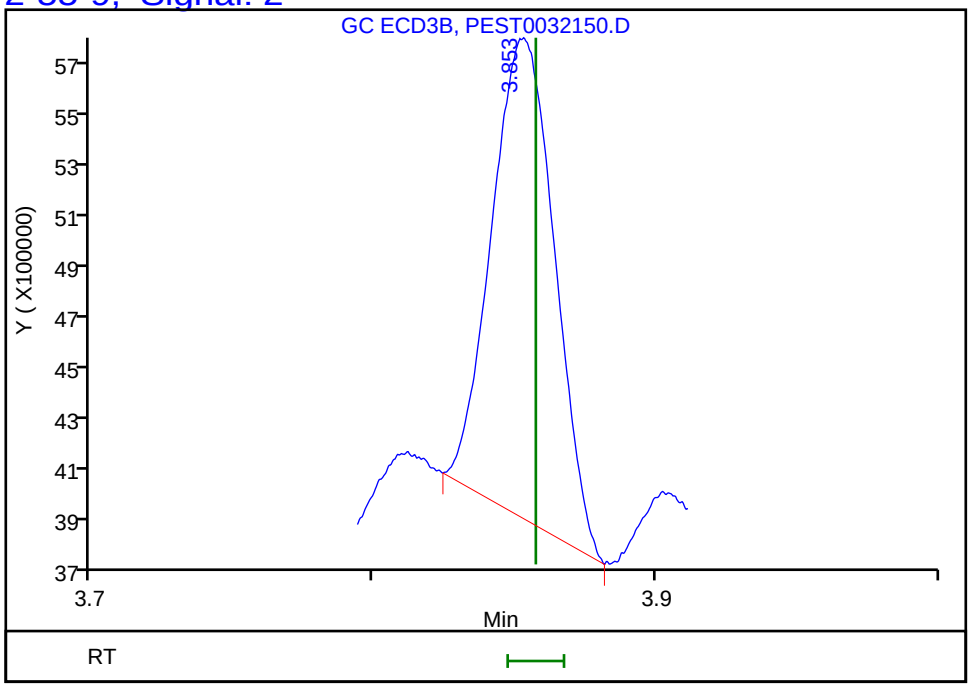
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85

Response: 2953606

Amount: 1.153016



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032150.D

Injection Date: 01-Nov-2021 19:01:08 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-7-B Lab Sample ID: 460-246210-7

Client ID: HA-5

Operator ID: ALS Bottle#: 77 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

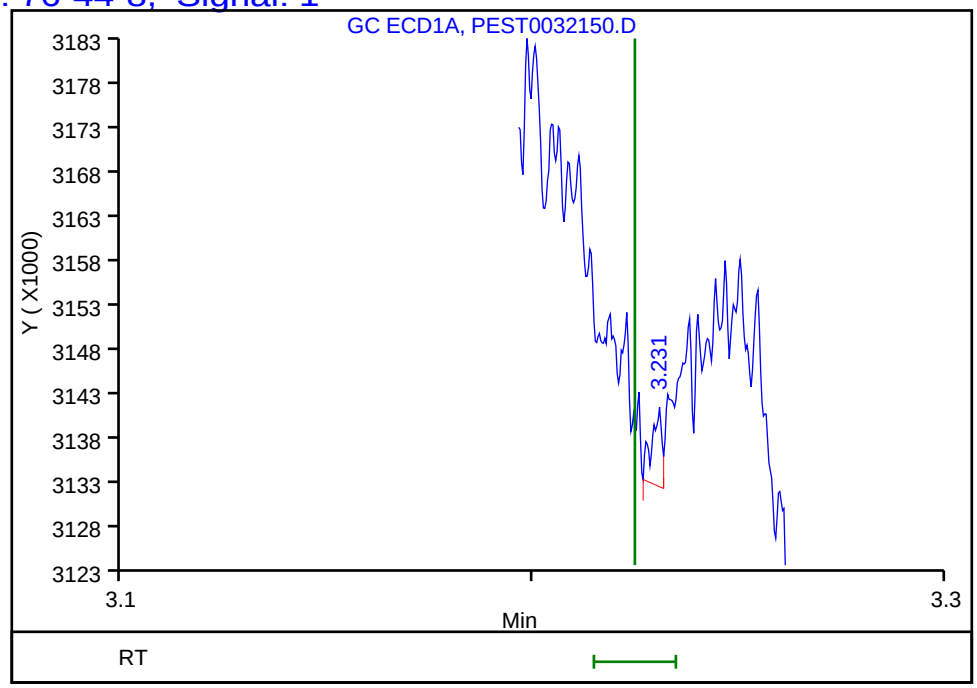
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 1496

Amount: 0.000802



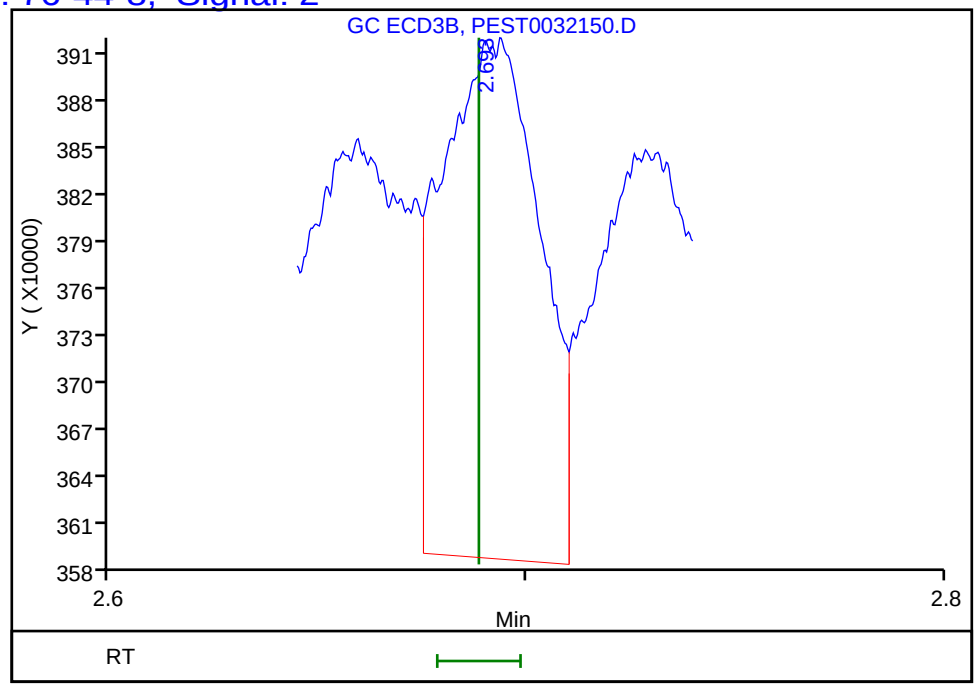
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 525974

Amount: 0.197649



Reviewer: manlangitf, 02-Nov-2021 04:01:00

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: PEST0032151.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:40

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 19:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	49		10-133
2051-24-3	DCB Decachlorobiphenyl	87		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D
Lims ID: 460-246210-E-8-B
Client ID: HA-6
Sample Type: Client
Inject. Date: 01-Nov-2021 19:13:29 ALS Bottle#: 78 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-026
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:02:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	141596961	100.0	
2	1.496	1.497	-0.001	176593558	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.094	2.094	0.000	42512652	24.4	
2	1.851	1.853	-0.002	58019752	25.3	
					RPD = 3.37	
$ 24 DCB Decachlorobiphenyl						
1	8.326	8.322	0.004	55782882	43.3	
2	7.353	7.353	0.000	101877555	41.8	
					RPD = 3.50	

Reagents:

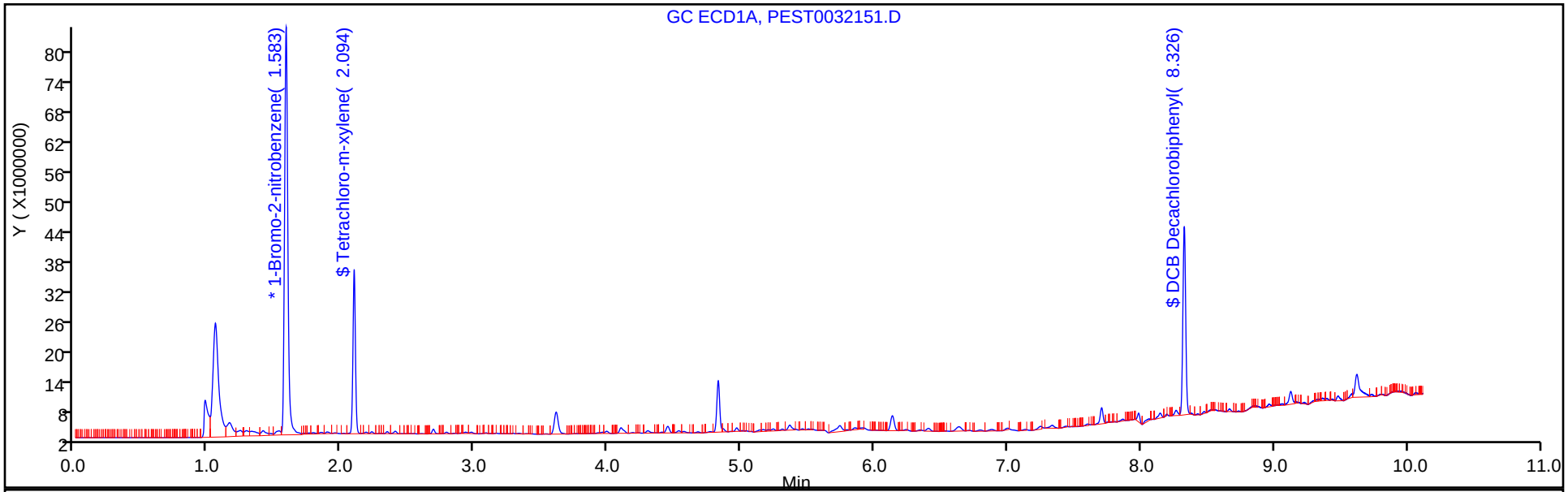
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

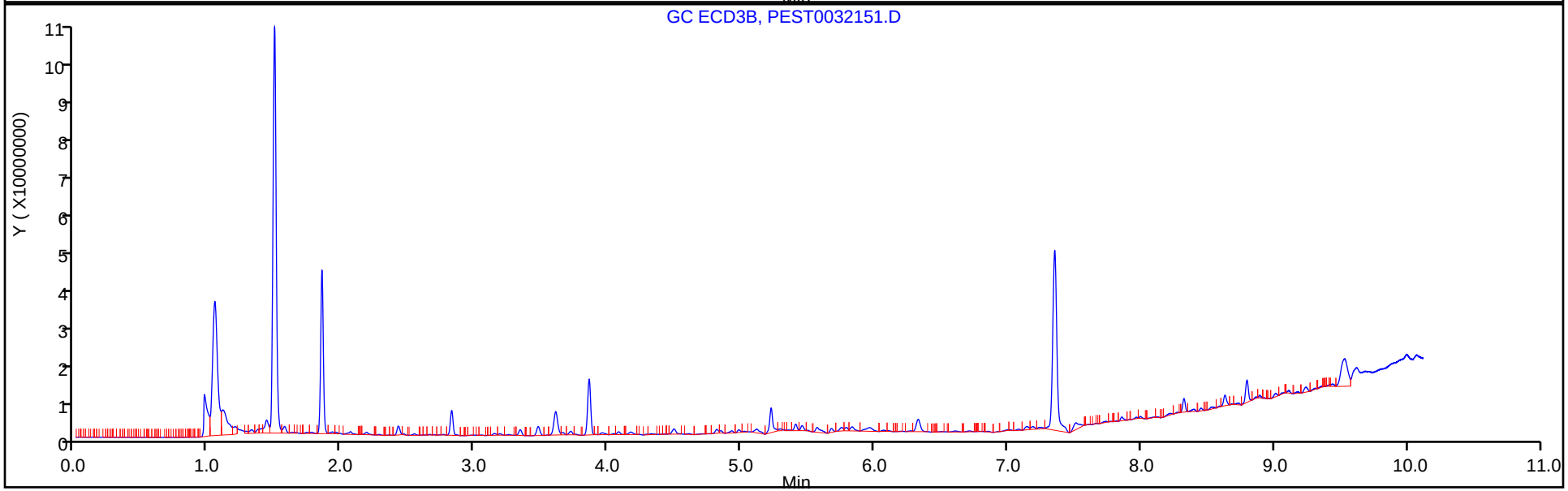
Report Date: 02-Nov-2021 04:03:44 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date:	01-Nov-2021 19:13:29	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-E-8-B	Lab Sample ID:	460-246210-8	Worklist Smp#:	26
Client ID:	HA-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	78
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

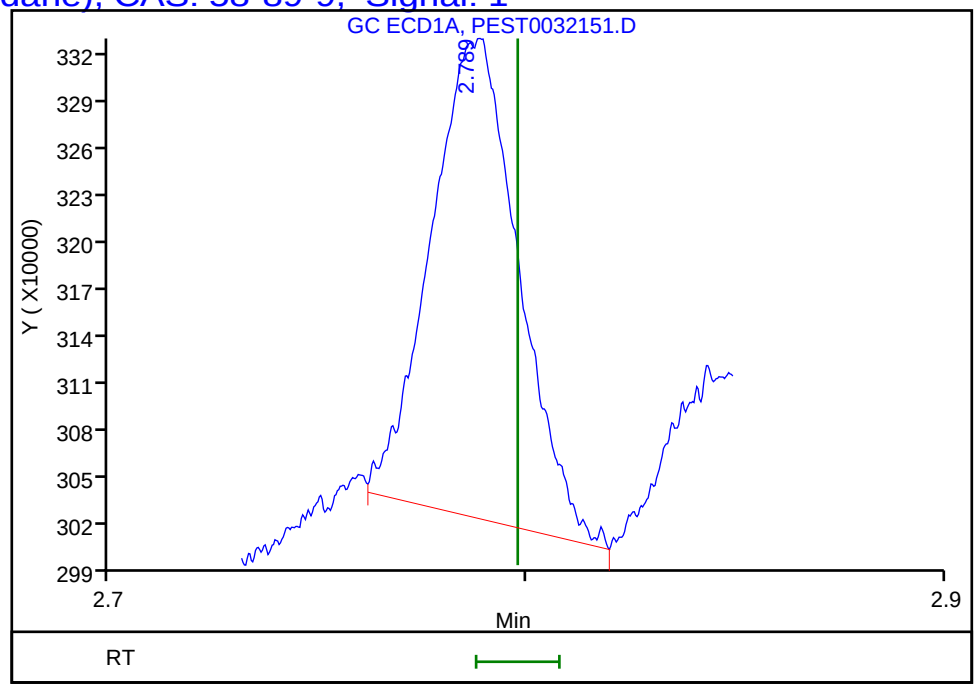
Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

RT: 2.79

Response: 436519

Amount: 0.206234



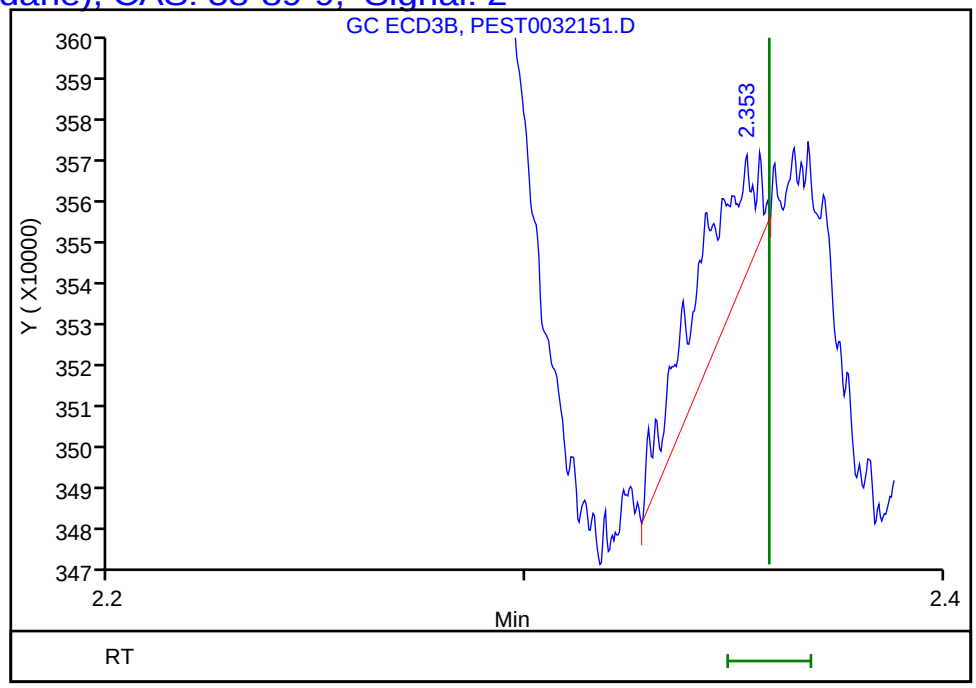
Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35

Response: 35300

Amount: 0.012504



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

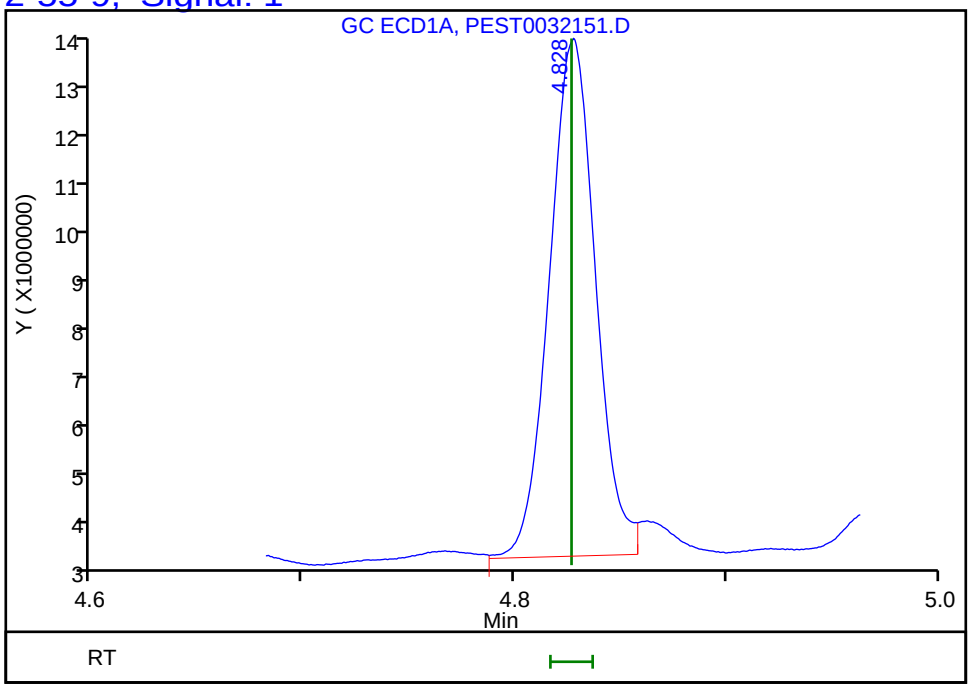
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 15646951

Amount: 8.742178



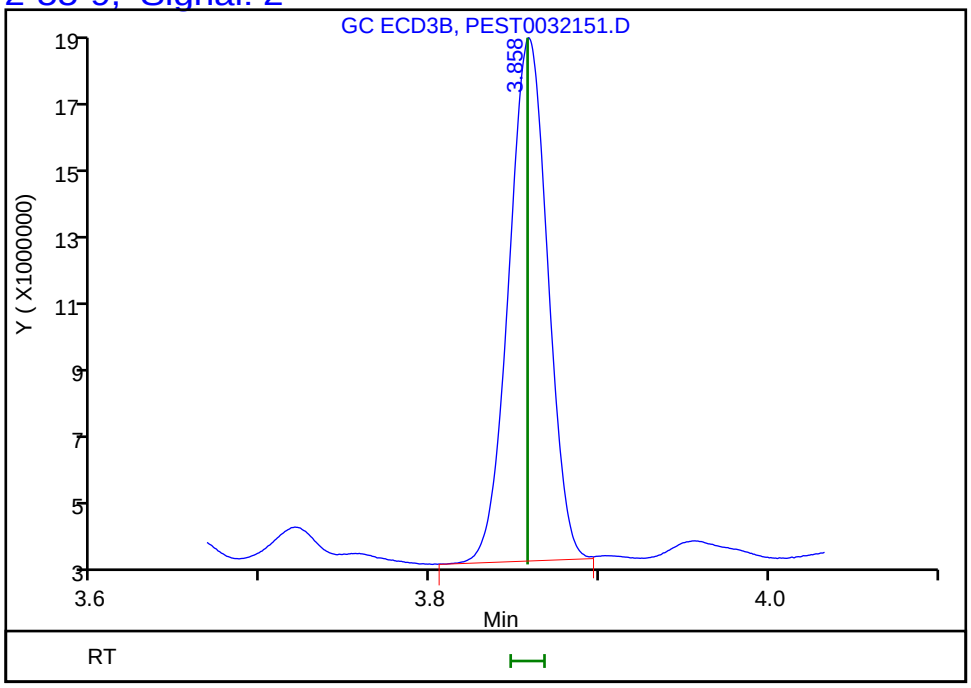
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 23177156

Amount: 8.917372



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

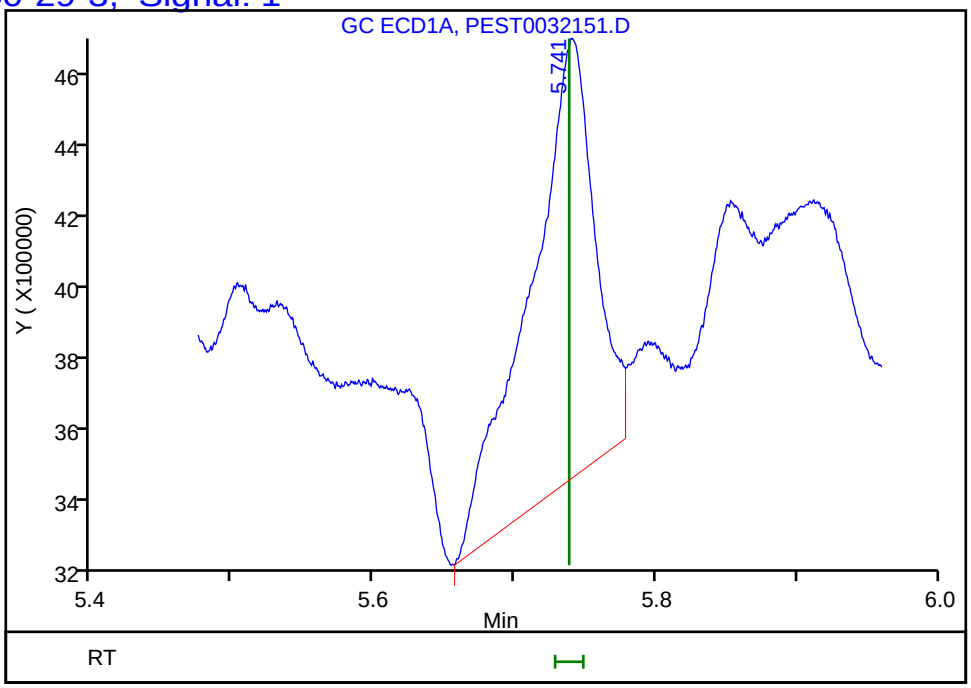
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 3913573

Amount: 2.773269



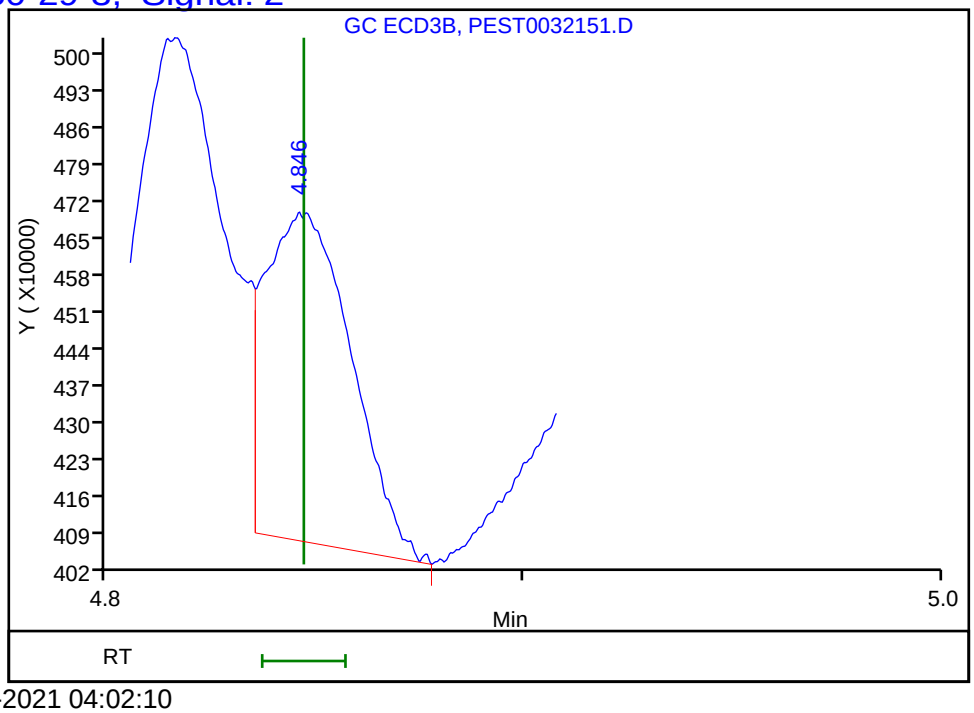
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 890691

Amount: 0.409465



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

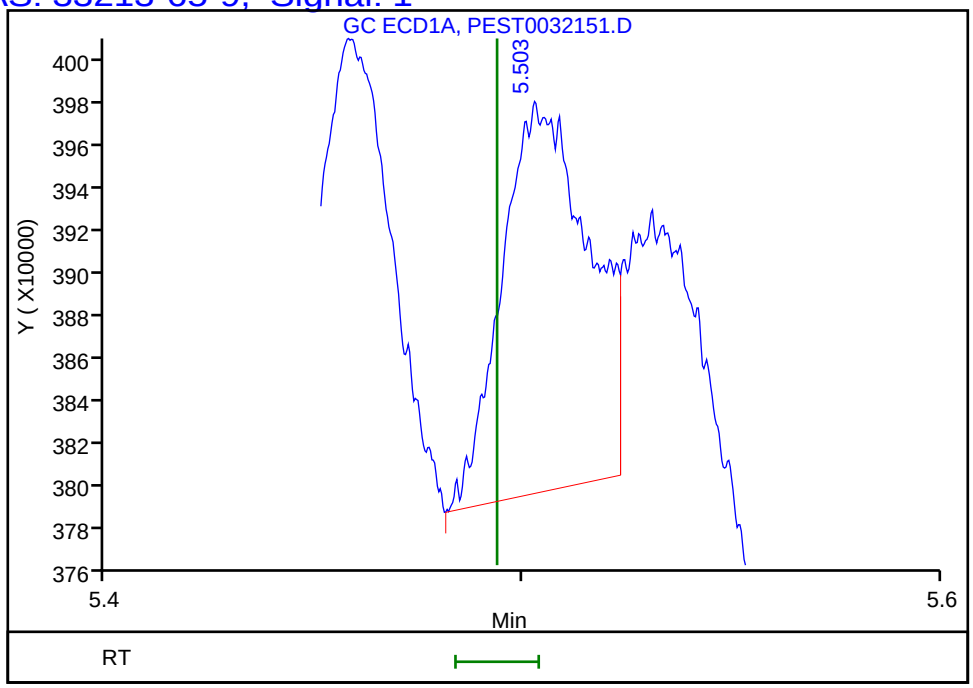
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date:	01-Nov-2021 19:13:29	Instrument ID:	CPESTGC12
Lims ID:	460-246210-E-8-B	Lab Sample ID:	460-246210-8
Client ID:	HA-6		
Operator ID:		ALS Bottle#:	78 Worklist Smp#: 26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD
Column:		Detector	GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

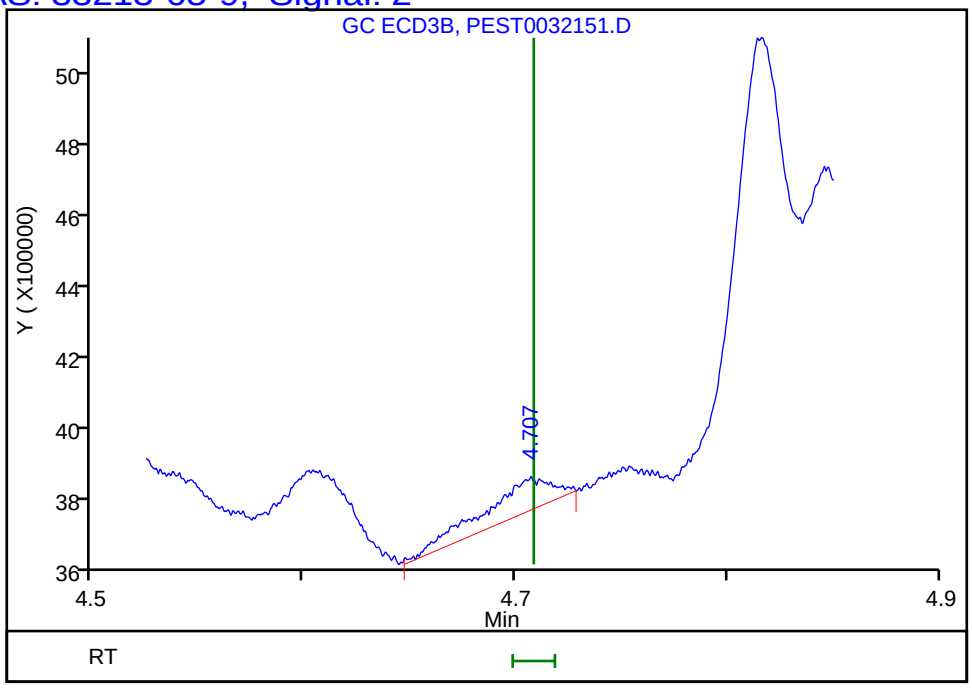
RT: 5.50
Response: 261891
Amount: 0.170229



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71
Response: 201793
Amount: 0.091834



Reviewer: manlangitf, 02-Nov-2021 04:02:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

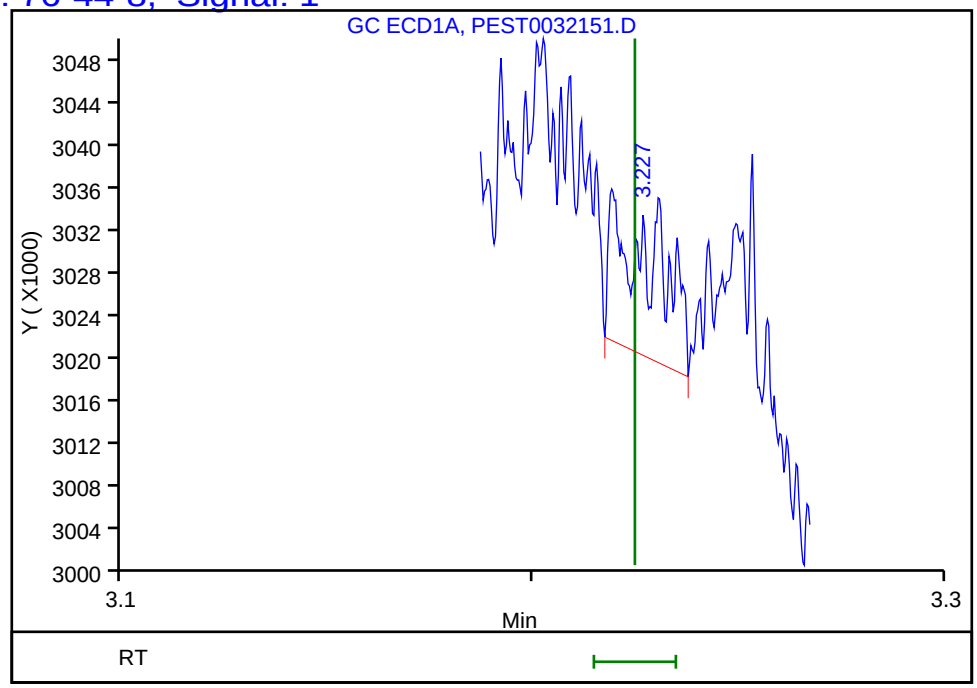
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 10752

Amount: 0.005425



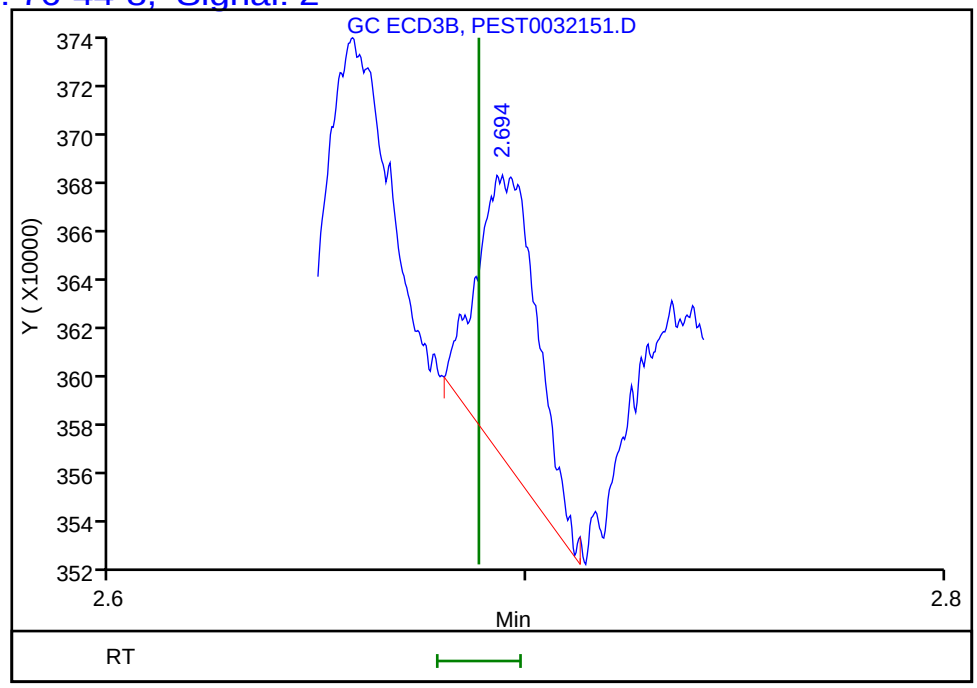
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 118761

Amount: 0.043984



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-6 Lab Sample ID: 460-246210-8

Matrix: Solid Lab File ID: PEST0032151.D

Analysis Method: 8081B Date Collected: 10/28/2021 09:40

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 19:13

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 18.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0012	U	0.0082	0.0012
319-84-6	alpha-BHC	0.00083	U	0.0025	0.00083
319-85-7	beta-BHC	0.00092	U	0.0025	0.00092
319-86-8	delta-BHC	0.00050	U	0.0025	0.00050
58-89-9	gamma-BHC (Lindane)	0.00076	U	0.0025	0.00076
12789-03-6	Chlordane (technical)	0.020	U	0.082	0.020
72-54-8	4,4'-DDD	0.0014	U	0.0082	0.0014
72-55-9	4,4'-DDE	0.00097	U	0.0082	0.00097
50-29-3	4,4'-DDT	0.0015	U	0.0082	0.0015
60-57-1	Dieldrin	0.0011	U	0.0025	0.0011
959-98-8	Endosulfan I	0.0013	U	0.0082	0.0013
33213-65-9	Endosulfan II	0.0021	U	0.0082	0.0021
1031-07-8	Endosulfan sulfate	0.0010	U	0.0082	0.0010
72-20-8	Endrin	0.0012	U	0.0082	0.0012
7421-93-4	Endrin aldehyde	0.0019	U	0.0082	0.0019
53494-70-5	Endrin ketone	0.0016	U	0.0082	0.0016
76-44-8	Heptachlor	0.00097	U	0.0082	0.00097
1024-57-3	Heptachlor epoxide	0.0012	U	0.0082	0.0012
72-43-5	Methoxychlor	0.0019	U	0.0082	0.0019
8001-35-2	Toxaphene	0.030	U	0.082	0.030

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	51		10-133
2051-24-3	DCB Decachlorobiphenyl	84		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D
Lims ID: 460-246210-E-8-B
Client ID: HA-6
Sample Type: Client
Inject. Date: 01-Nov-2021 19:13:29 ALS Bottle#: 78 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-026
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:02:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.583	1.584	-0.001	141596961	100.0	
2	1.496	1.497	-0.001	176593558	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.094	2.094	0.000	42512652	24.4	
2	1.851	1.853	-0.002	58019752	25.3	
					RPD = 3.37	
$ 24 DCB Decachlorobiphenyl						
1	8.326	8.322	0.004	55782882	43.3	
2	7.353	7.353	0.000	101877555	41.8	
					RPD = 3.50	

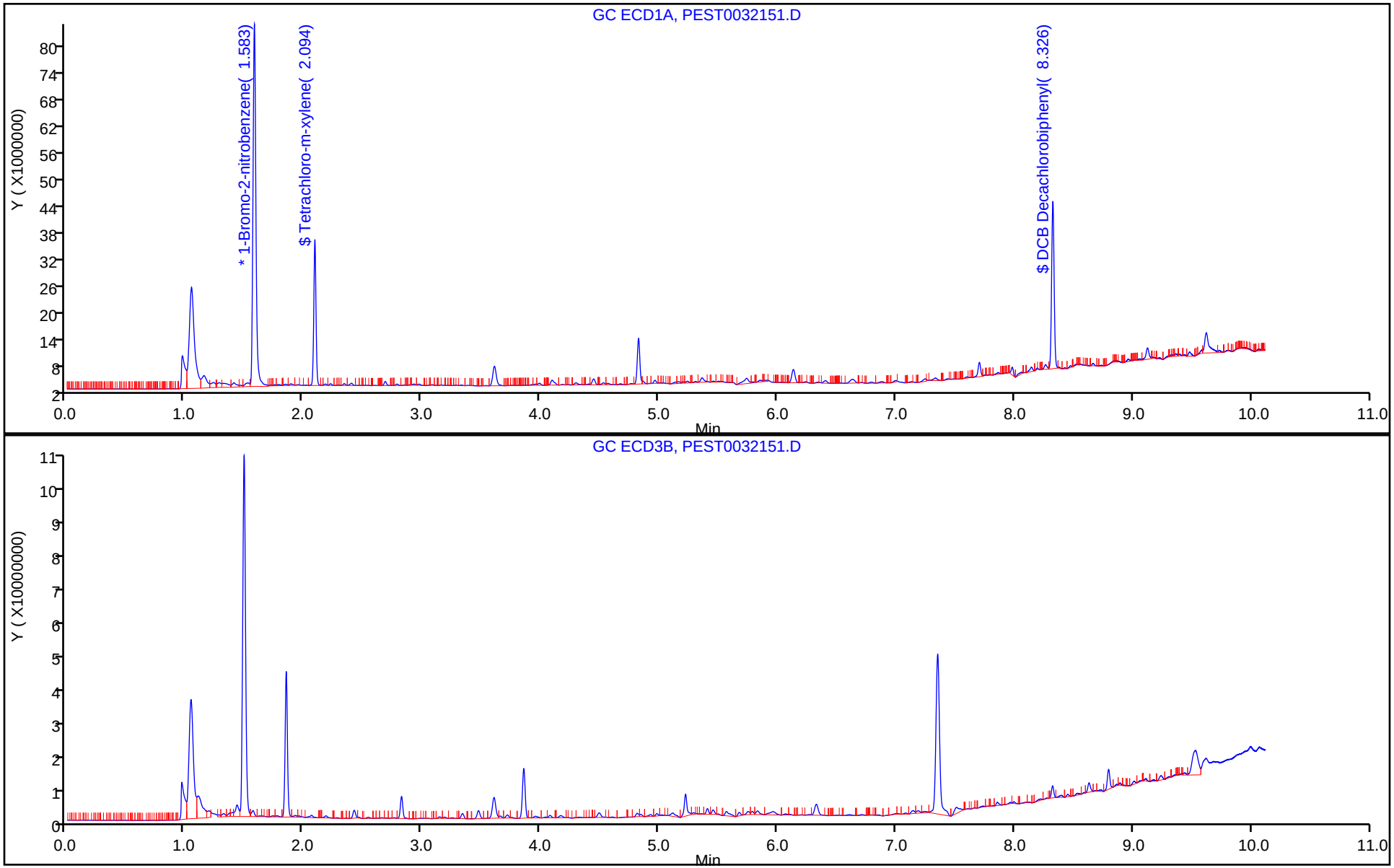
Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:45 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D				
Injection Date:	01-Nov-2021 19:13:29	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-E-8-B	Lab Sample ID:	460-246210-8	Worklist Smp#:	26
Client ID:	HA-6				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	78
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

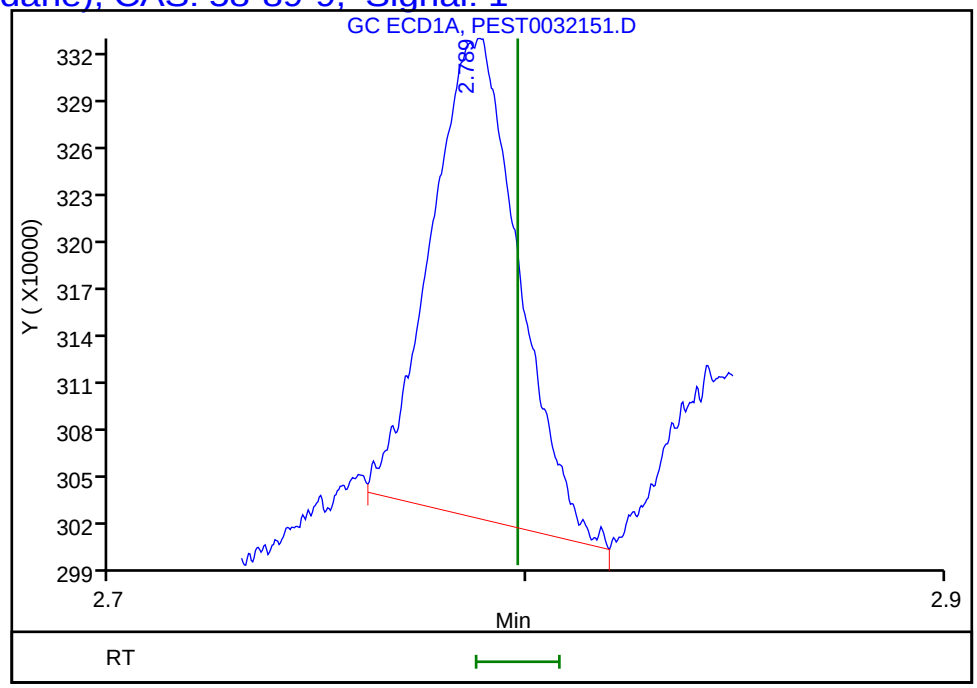
Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

RT: 2.79

Response: 436519

Amount: 0.206234



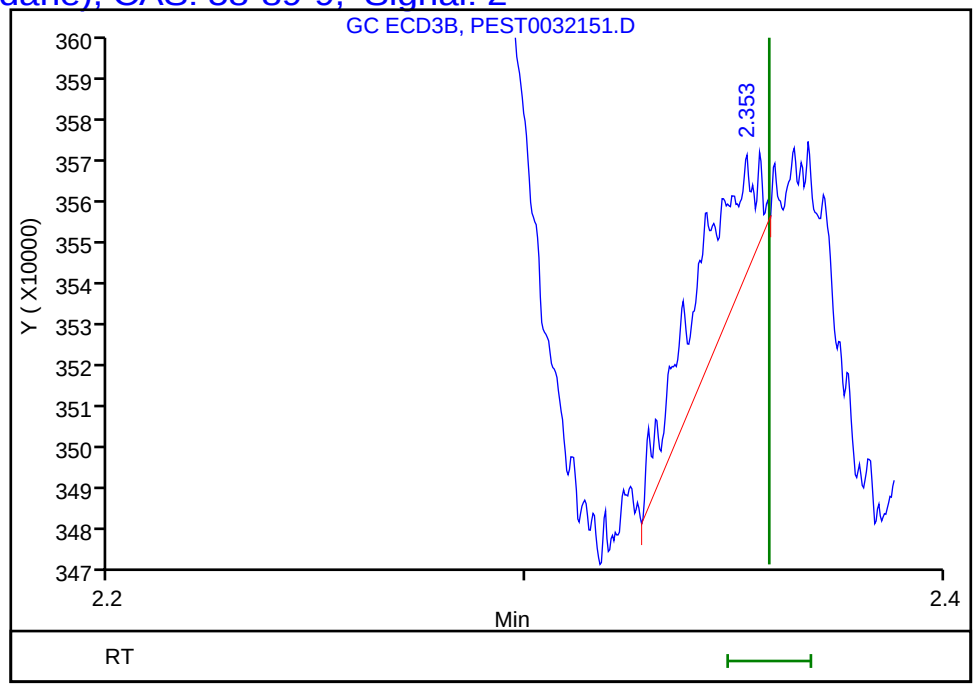
Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35

Response: 35300

Amount: 0.012504



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

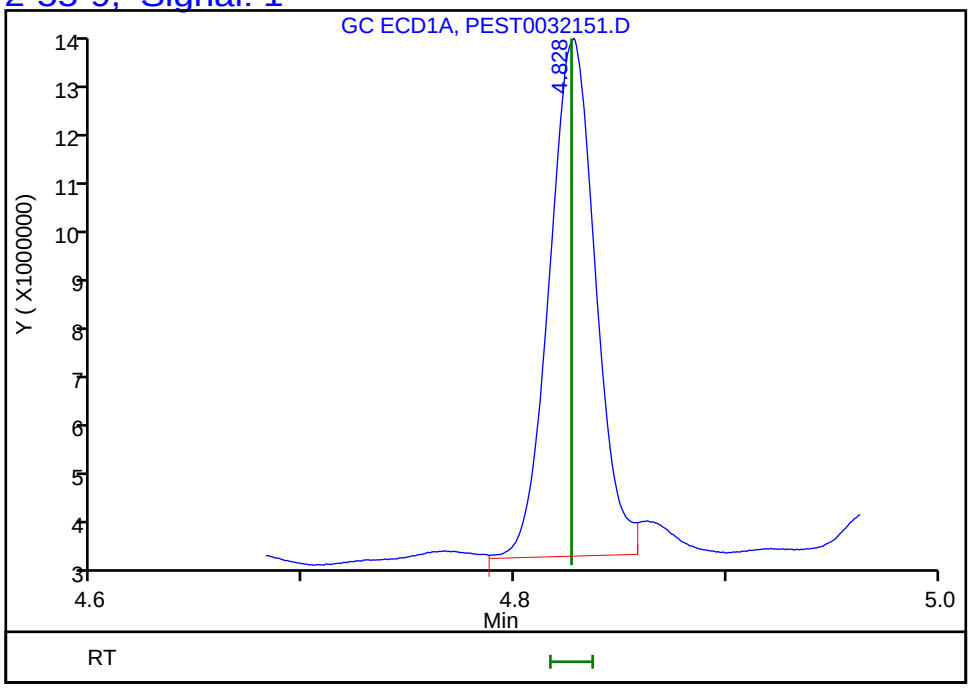
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 15646951

Amount: 8.742178



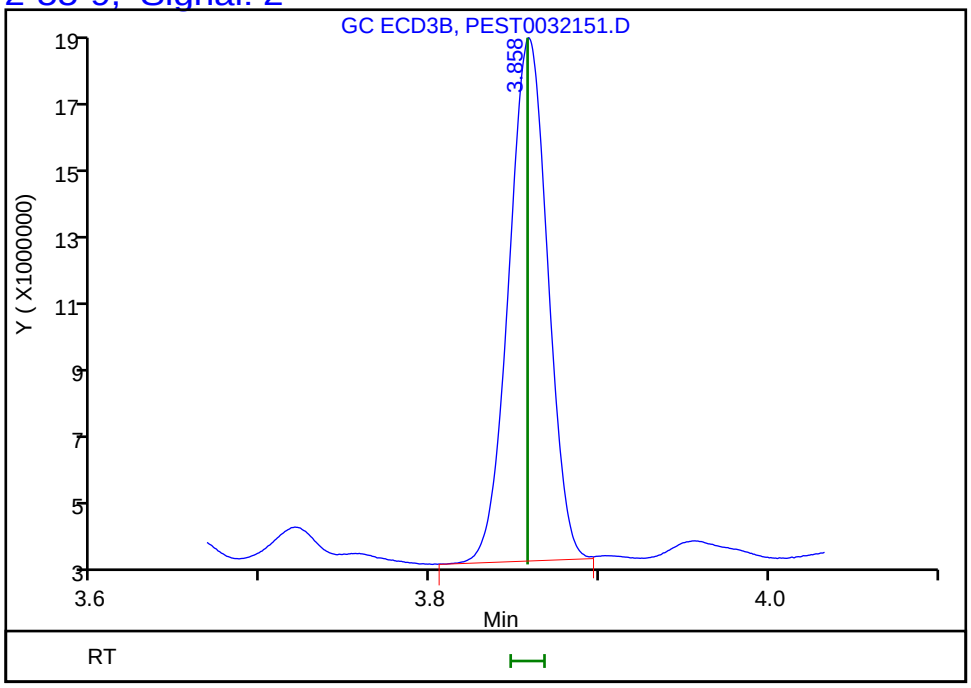
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 23177156

Amount: 8.917372



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

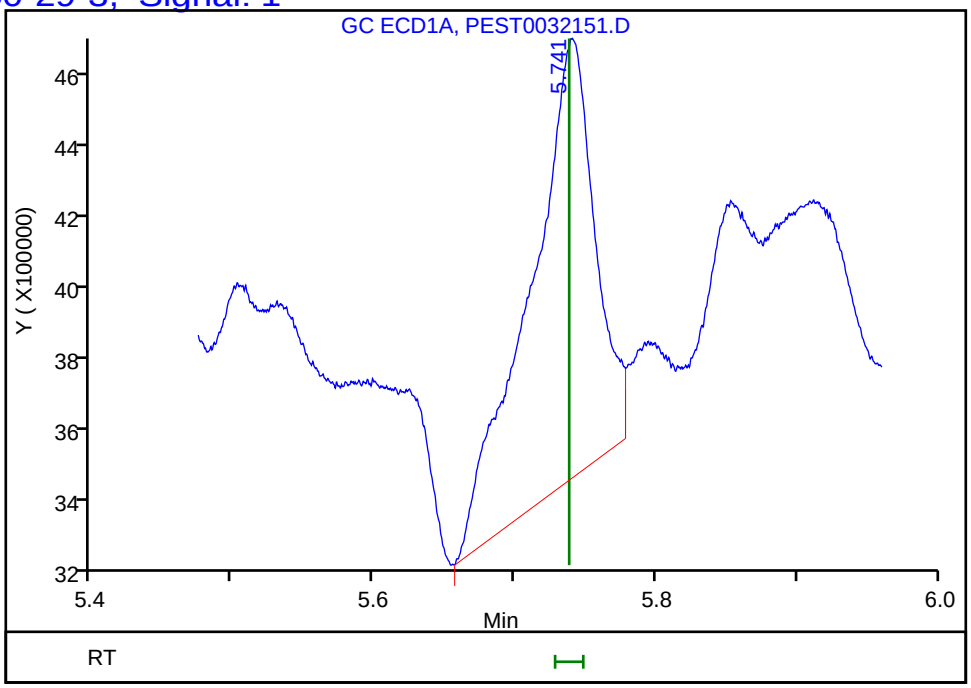
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 3913573

Amount: 2.773269



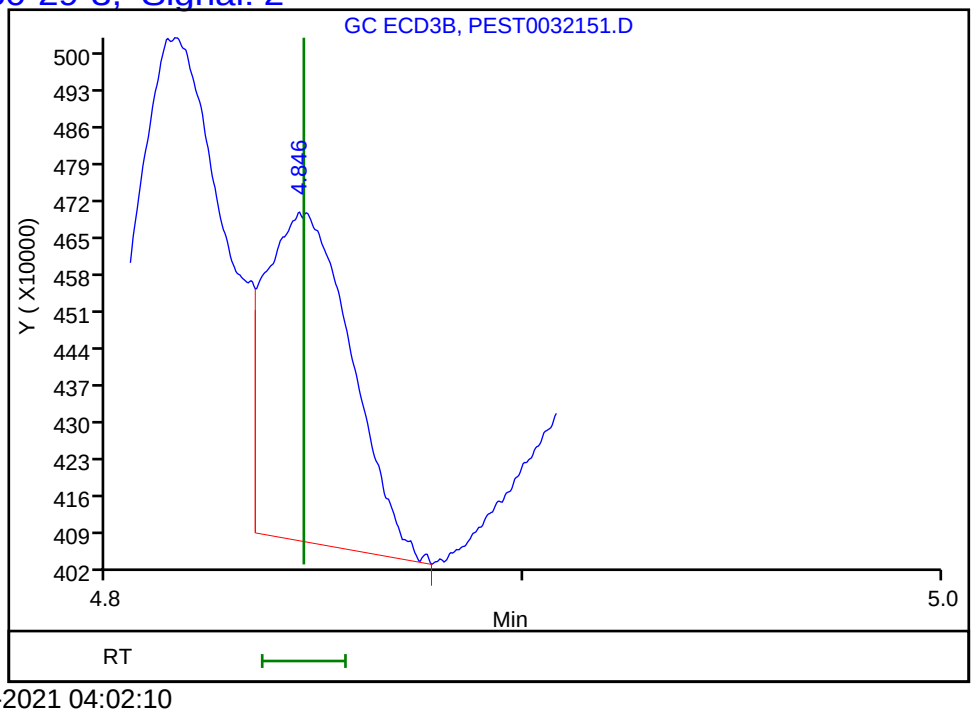
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 890691

Amount: 0.409465



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

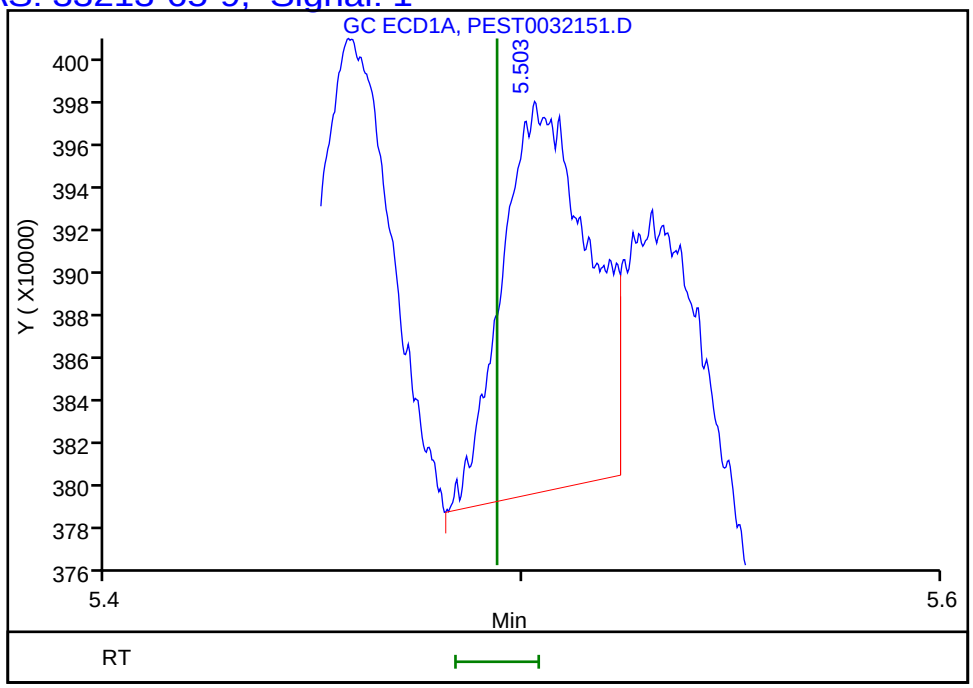
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.50

Response: 261891

Amount: 0.170229



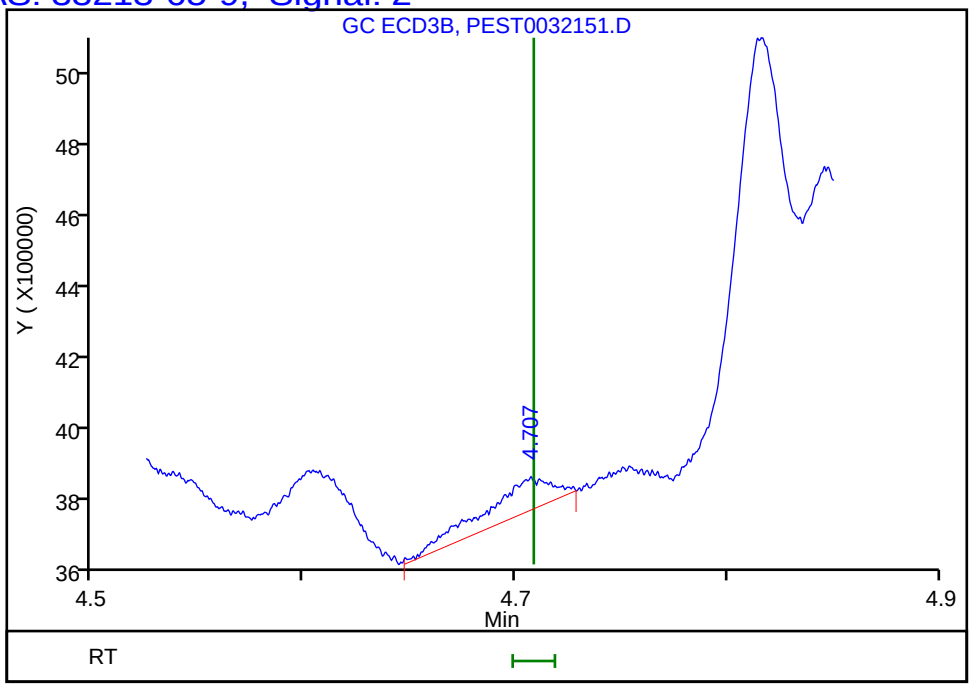
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71

Response: 201793

Amount: 0.091834



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032151.D

Injection Date: 01-Nov-2021 19:13:29 Instrument ID: CPESTGC12

Lims ID: 460-246210-E-8-B Lab Sample ID: 460-246210-8

Client ID: HA-6

Operator ID: ALS Bottle#: 78 Worklist Smp#: 26

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

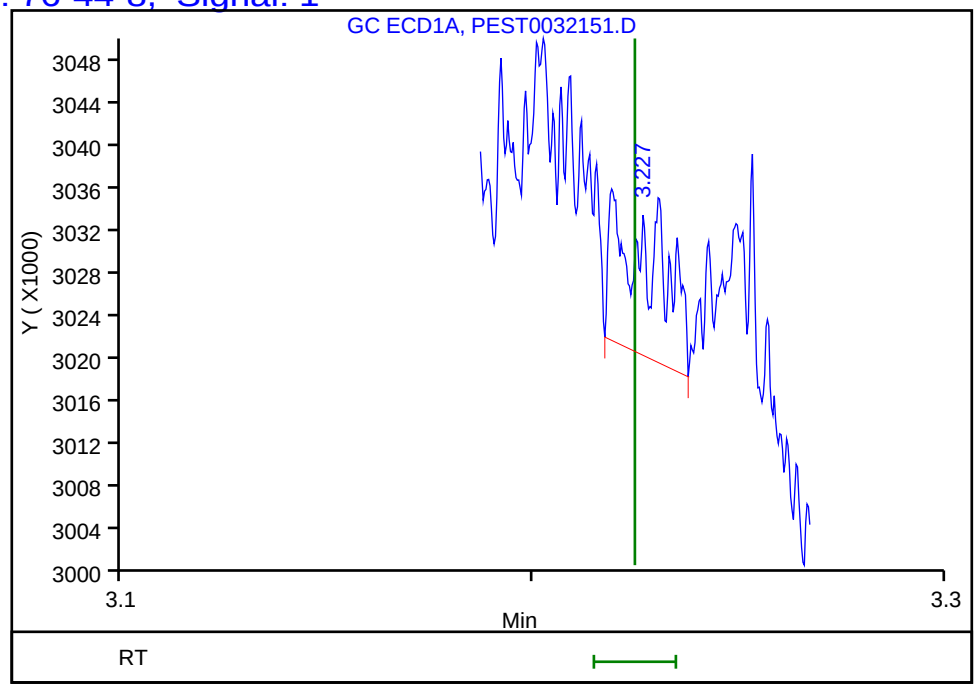
Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

RT: 3.23

Response: 10752

Amount: 0.005425



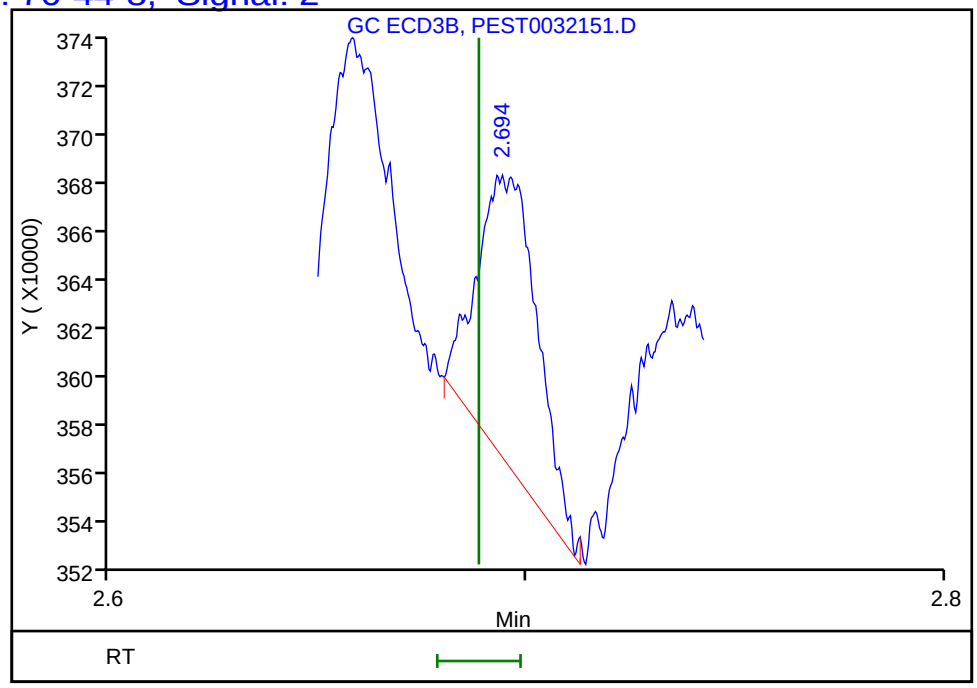
Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69

Response: 118761

Amount: 0.043984



Reviewer: manlangitf, 02-Nov-2021 04:02:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: PEST0032187.D

Analysis Method: 8081B Date Collected: 10/28/2021 10:15

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/02/2021 10:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810761 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	42		10-133
2051-24-3	DCB Decachlorobiphenyl	86		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D
Lims ID: 460-246210-F-9-B
Client ID: HA-7
Sample Type: Client
Inject. Date: 02-Nov-2021 10:27:53 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-035
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Nov-2021 06:50:28 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1639

First Level Reviewer: manlangitf Date: 03-Nov-2021 06:47:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.588	1.585	0.003	132102175	100.0	
2	1.503	1.499	0.004	150208683	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.098	2.095	0.003	34260113	21.1	
2	1.858	1.853	0.005	52397233	26.8	
					RPD = 23.88	
$ 24 DCB Decachlorobiphenyl						
1	8.320	8.323	-0.003	51738494	43.0	
2	7.354	7.354	0.000	72135156	34.8	
					RPD = 21.17	

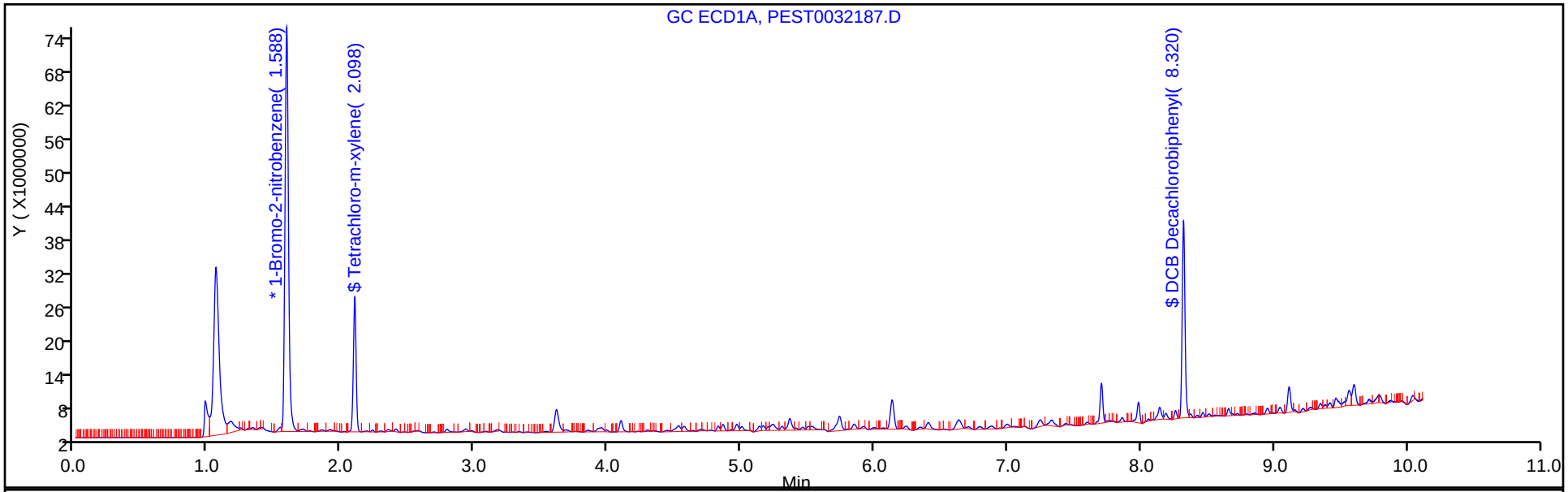
Reagents:

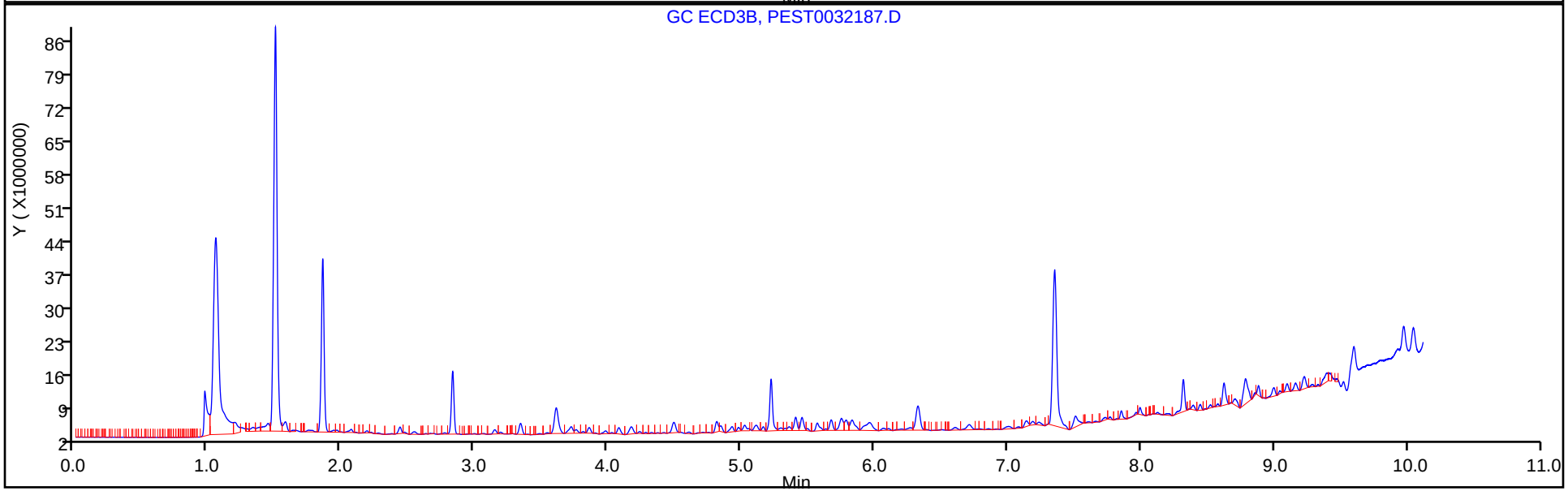
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-Nov-2021 06:51:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D				
Injection Date:	02-Nov-2021 10:27:53	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-9-B	Lab Sample ID:	460-246210-9	Worklist Smp#:	35
Client ID:	HA-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

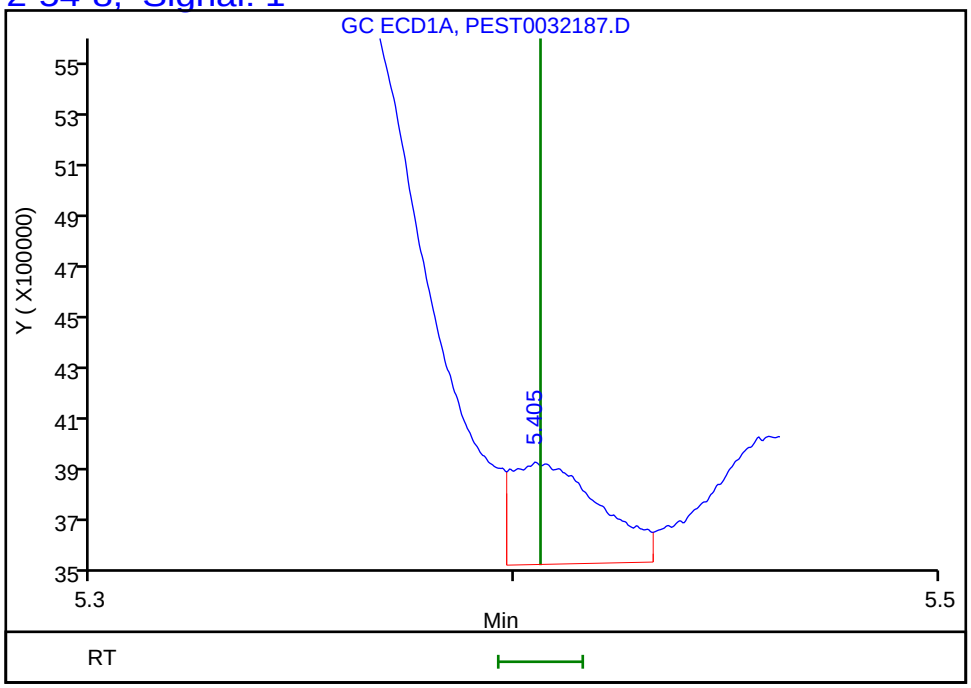
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.40

Response: 554536

Amount: 0.400459



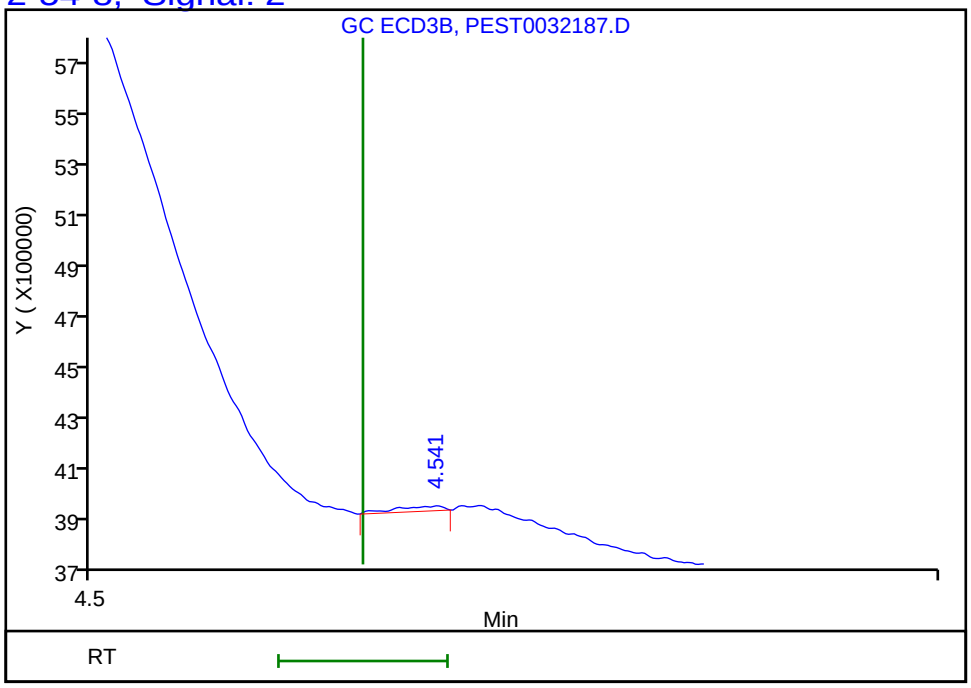
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54

Response: 7732

Amount: 0.004333



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

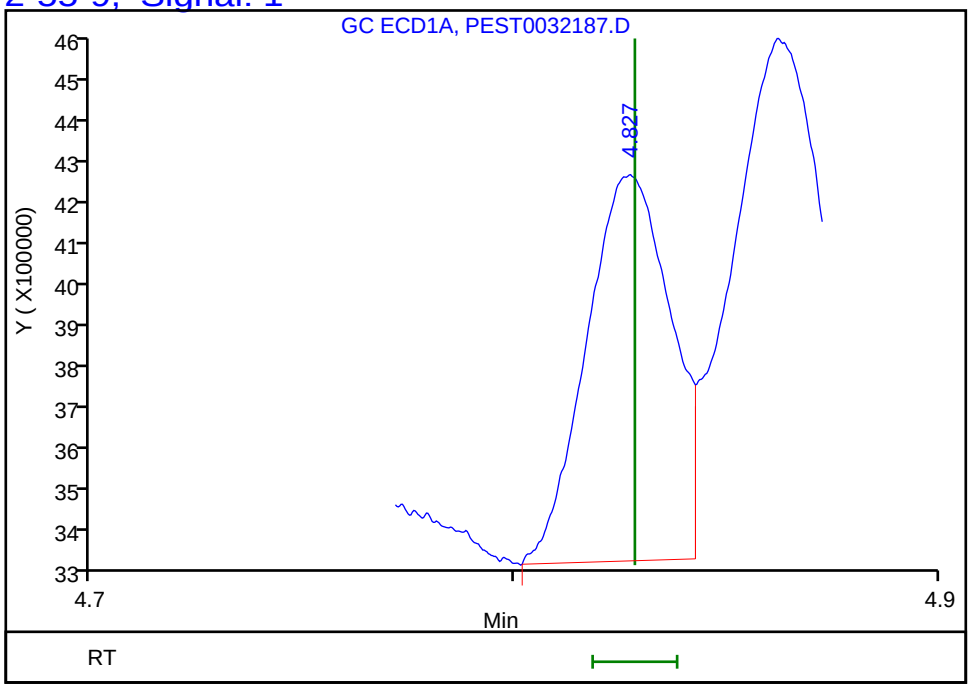
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1188215

Amount: 0.711588



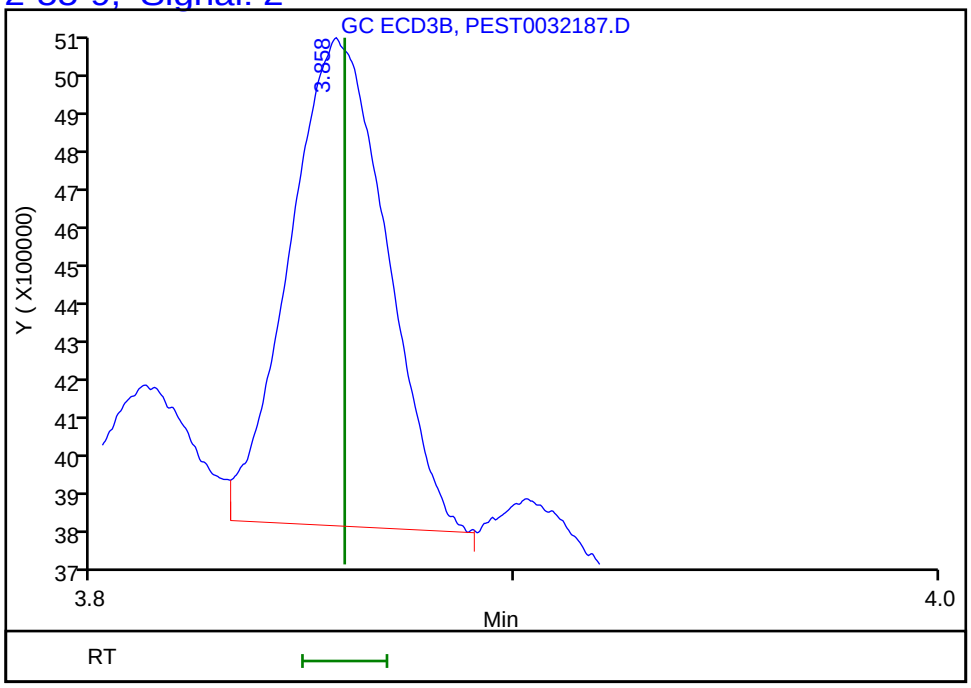
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 1905540

Amount: 0.861935



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

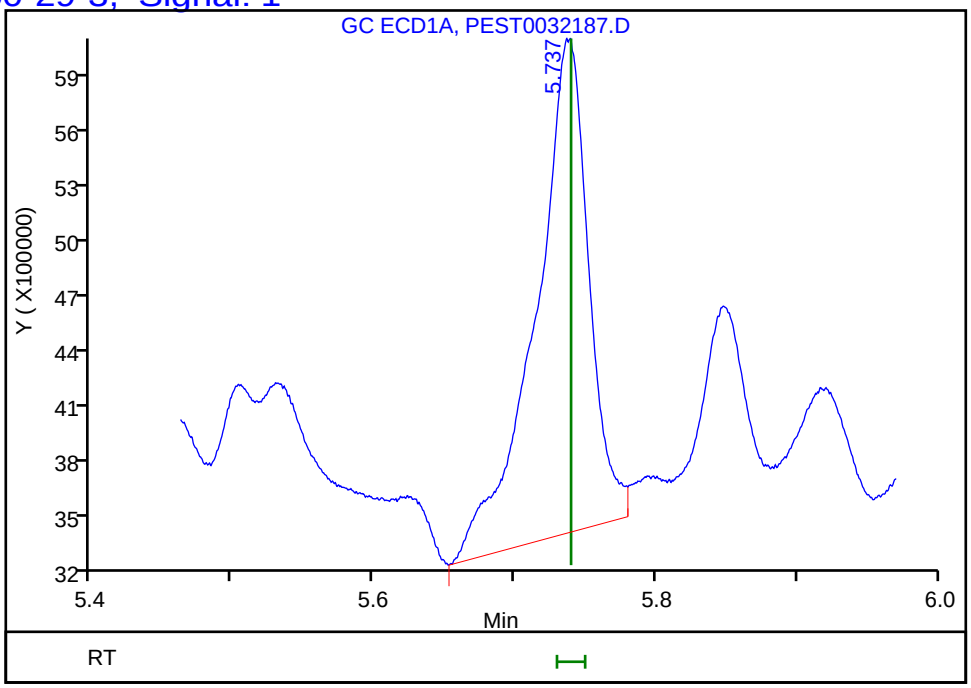
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 6721617

Amount: 5.105476



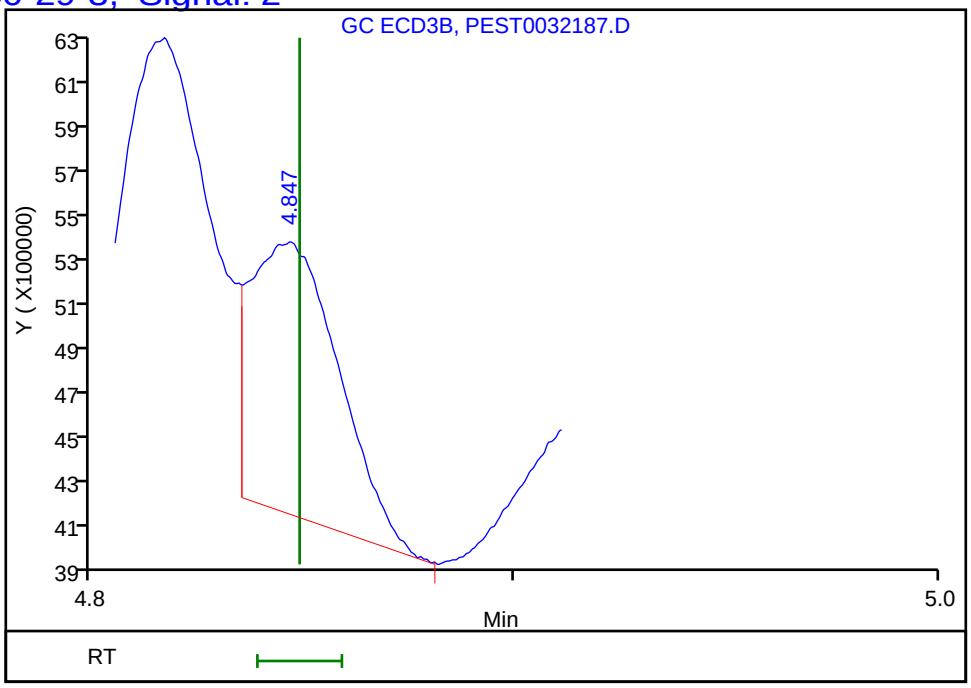
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 1745879

Amount: 0.943591



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

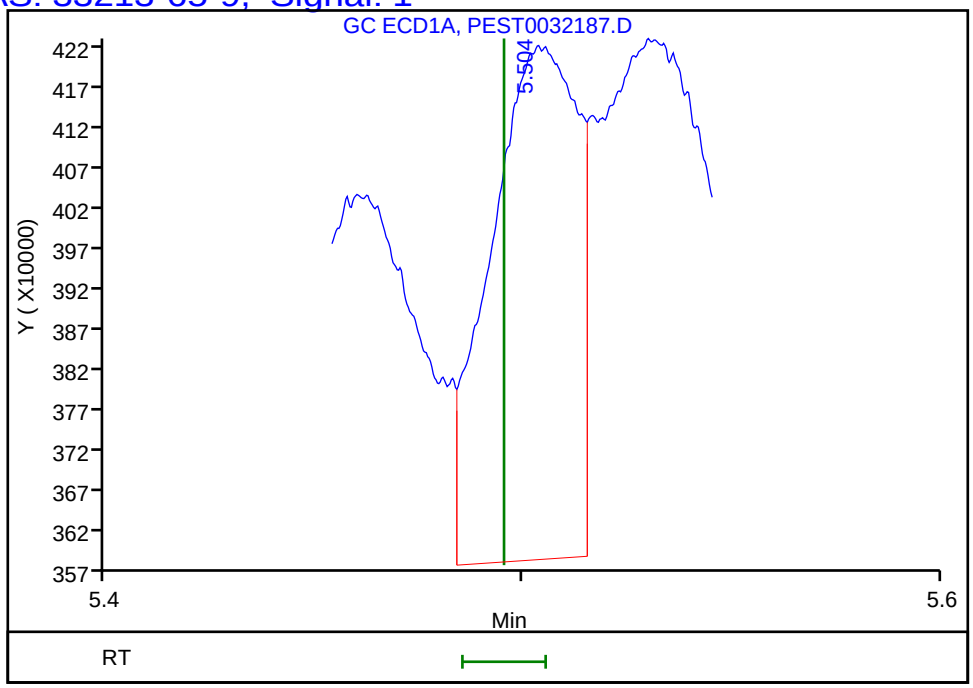
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.50

Response: 916065

Amount: 0.638238



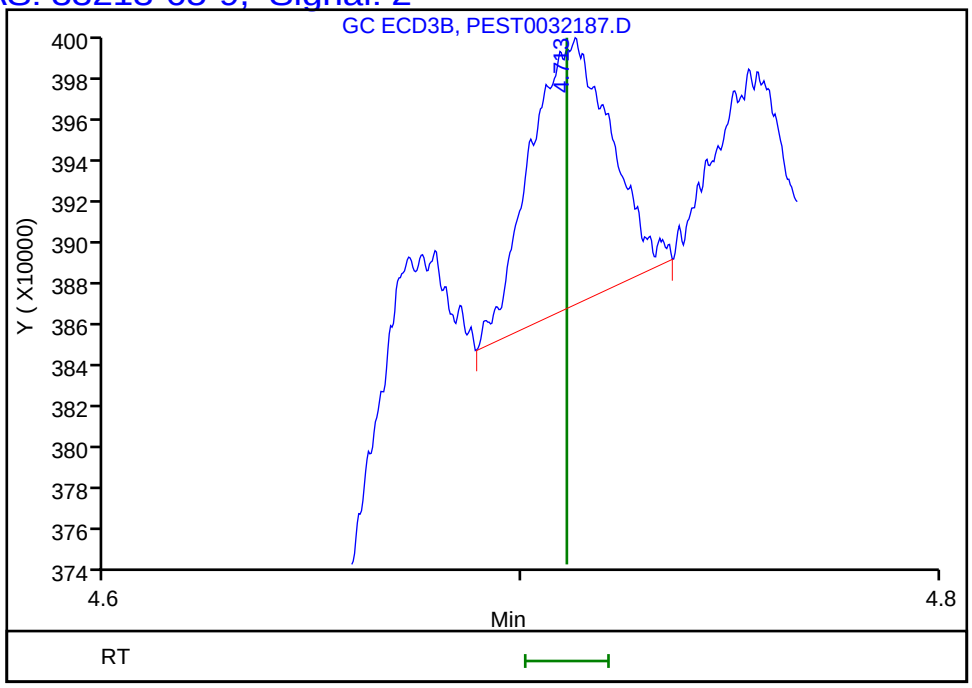
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71

Response: 175984

Amount: 0.094157



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: HA-7 Lab Sample ID: 460-246210-9

Matrix: Solid Lab File ID: PEST0032187.D

Analysis Method: 8081B Date Collected: 10/28/2021 10:15

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/02/2021 10:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 14.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 810761 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0012	U	0.0078	0.0012
319-84-6	alpha-BHC	0.00080	U	0.0023	0.00080
319-85-7	beta-BHC	0.00088	U	0.0023	0.00088
319-86-8	delta-BHC	0.00048	U	0.0023	0.00048
58-89-9	gamma-BHC (Lindane)	0.00073	U	0.0023	0.00073
12789-03-6	Chlordane (technical)	0.019	U	0.078	0.019
72-54-8	4,4'-DDD	0.0013	U	0.0078	0.0013
72-55-9	4,4'-DDE	0.00092	U	0.0078	0.00092
50-29-3	4,4'-DDT	0.0014	U	0.0078	0.0014
60-57-1	Dieldrin	0.0010	U	0.0023	0.0010
959-98-8	Endosulfan I	0.0012	U	0.0078	0.0012
33213-65-9	Endosulfan II	0.0020	U	0.0078	0.0020
1031-07-8	Endosulfan sulfate	0.00098	U	0.0078	0.00098
72-20-8	Endrin	0.0011	U	0.0078	0.0011
7421-93-4	Endrin aldehyde	0.0018	U	0.0078	0.0018
53494-70-5	Endrin ketone	0.0015	U	0.0078	0.0015
76-44-8	Heptachlor	0.00092	U	0.0078	0.00092
1024-57-3	Heptachlor epoxide	0.0012	U	0.0078	0.0012
72-43-5	Methoxychlor	0.0018	U	0.0078	0.0018
8001-35-2	Toxaphene	0.028	U	0.078	0.028

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	54		10-133
2051-24-3	DCB Decachlorobiphenyl	70		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D
Lims ID: 460-246210-F-9-B
Client ID: HA-7
Sample Type: Client
Inject. Date: 02-Nov-2021 10:27:53 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-035
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Nov-2021 06:50:28 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1639

First Level Reviewer: manlangitf Date: 03-Nov-2021 06:47:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.588	1.585	0.003	132102175	100.0	
2	1.503	1.499	0.004	150208683	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.098	2.095	0.003	34260113	21.1	
2	1.858	1.853	0.005	52397233	26.8	
					RPD = 23.88	
$ 24 DCB Decachlorobiphenyl						
1	8.320	8.323	-0.003	51738494	43.0	
2	7.354	7.354	0.000	72135156	34.8	
					RPD = 21.17	

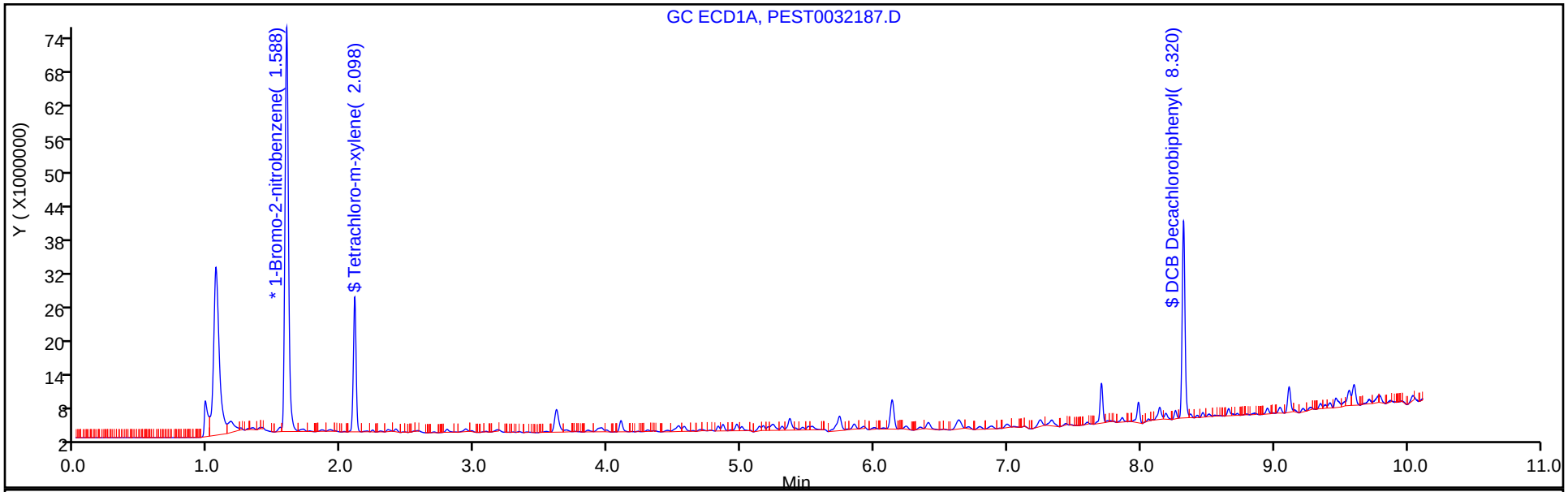
Reagents:

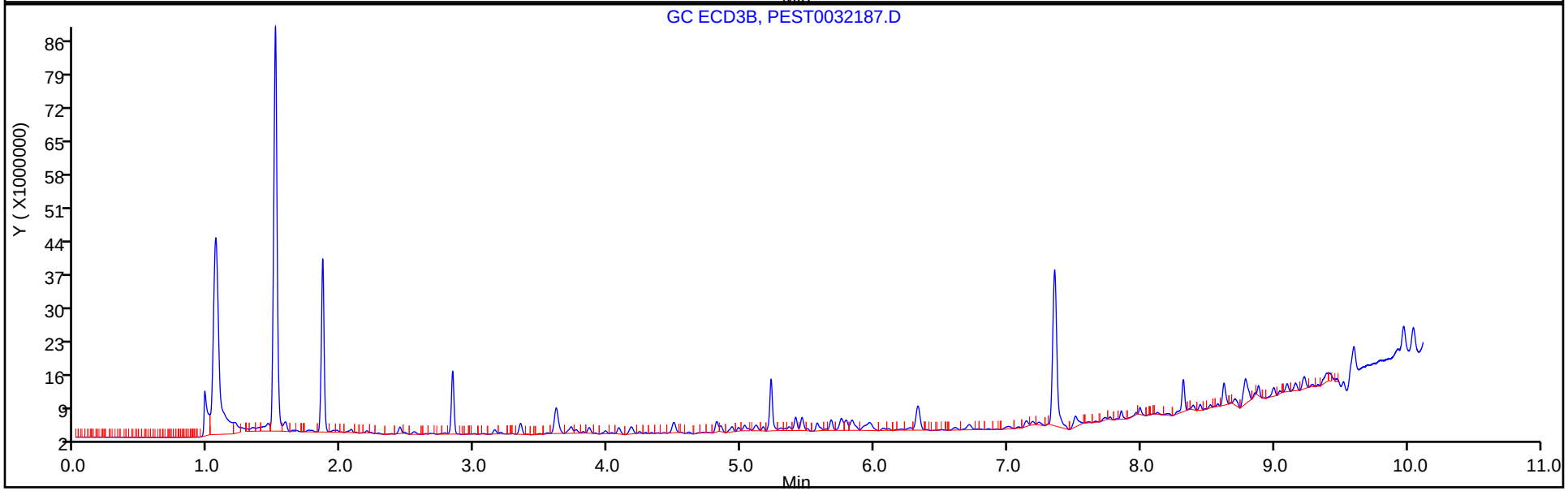
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 03-Nov-2021 06:51:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D				
Injection Date:	02-Nov-2021 10:27:53	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	460-246210-F-9-B	Lab Sample ID:	460-246210-9	Worklist Smp#:	35
Client ID:	HA-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

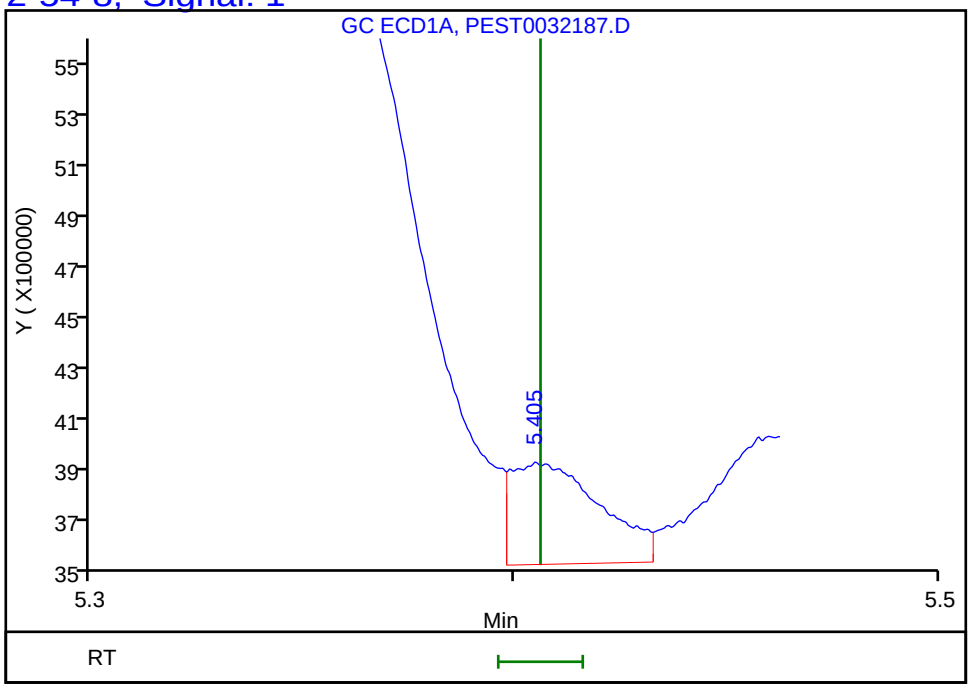
Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

RT: 5.40

Response: 554536

Amount: 0.400459



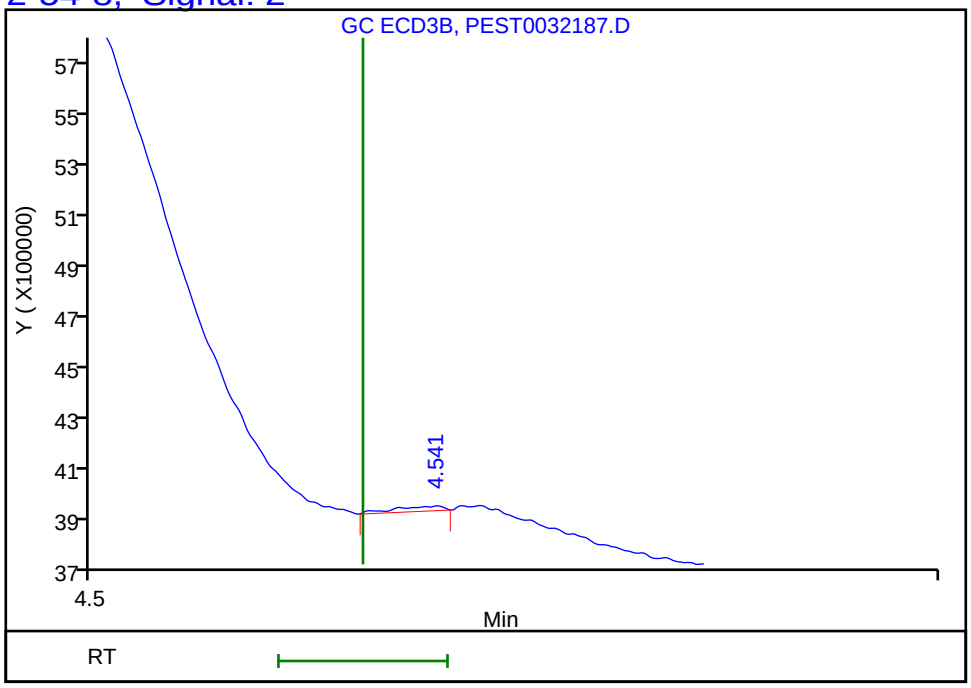
Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54

Response: 7732

Amount: 0.004333



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

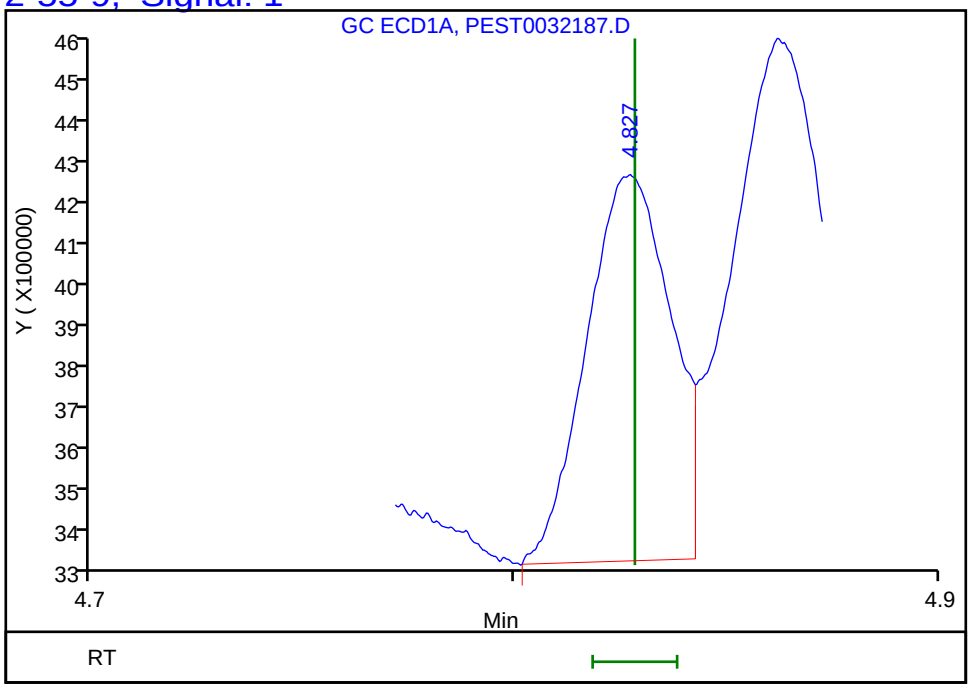
Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

RT: 4.83

Response: 1188215

Amount: 0.711588



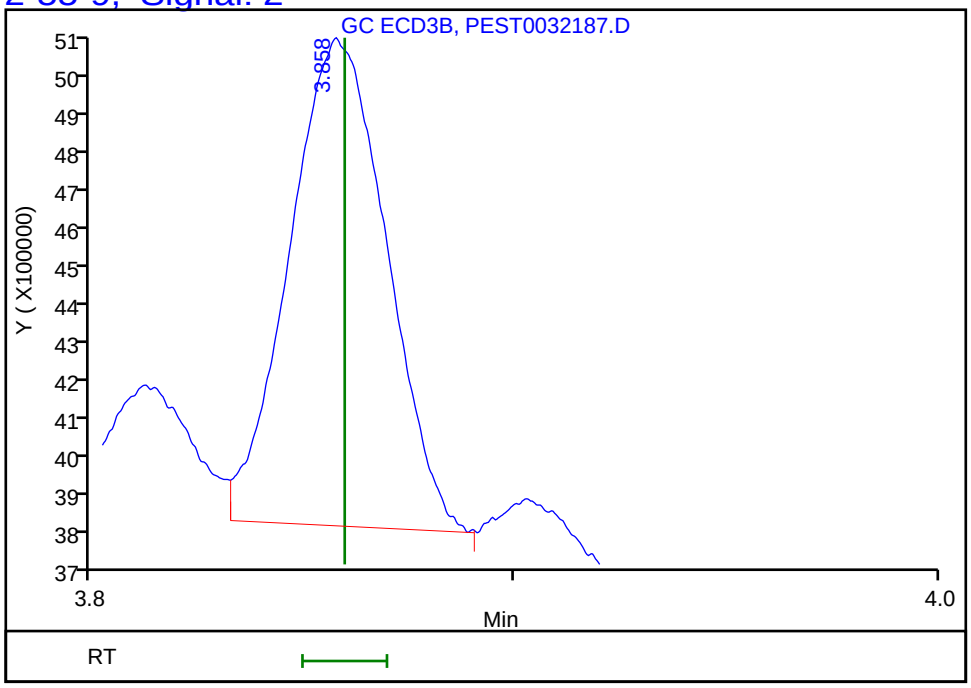
Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86

Response: 1905540

Amount: 0.861935



Reviewer: manlangitf, 03-Nov-2021 06:47:35

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User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

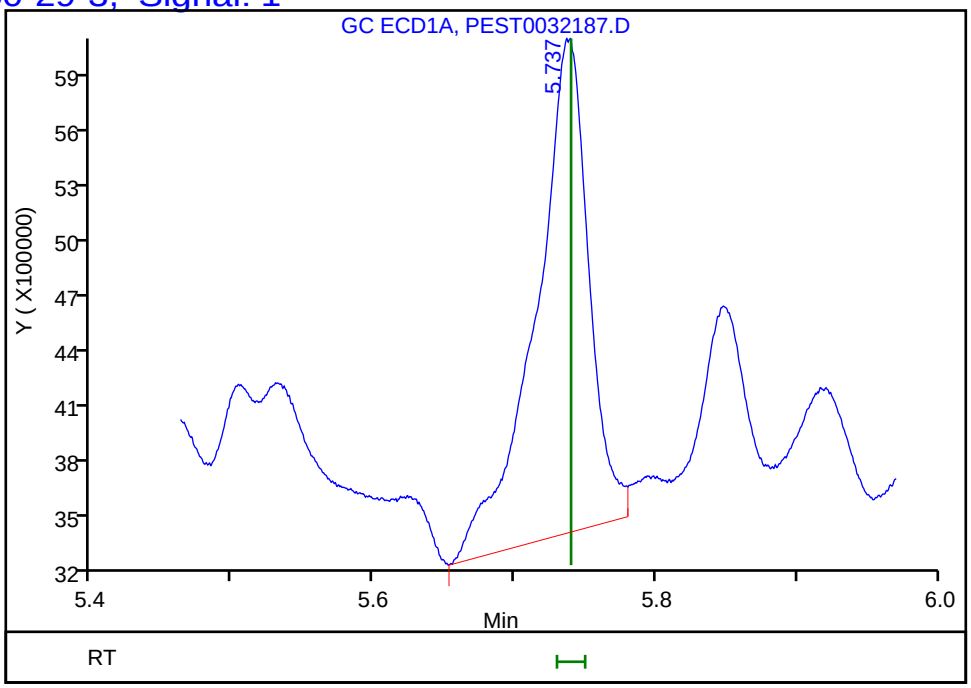
Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.74

Response: 6721617

Amount: 5.105476



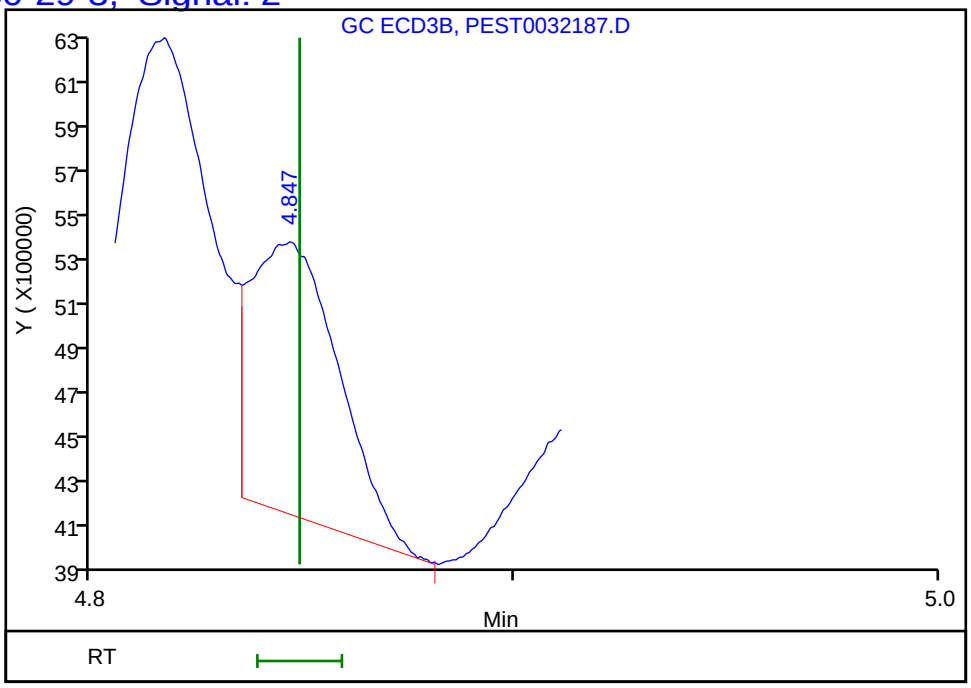
Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85

Response: 1745879

Amount: 0.943591



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032187.D

Injection Date: 02-Nov-2021 10:27:53 Instrument ID: CPESTGC12

Lims ID: 460-246210-F-9-B Lab Sample ID: 460-246210-9

Client ID: HA-7

Operator ID: ALS Bottle#: 35 Worklist Smp#: 35

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

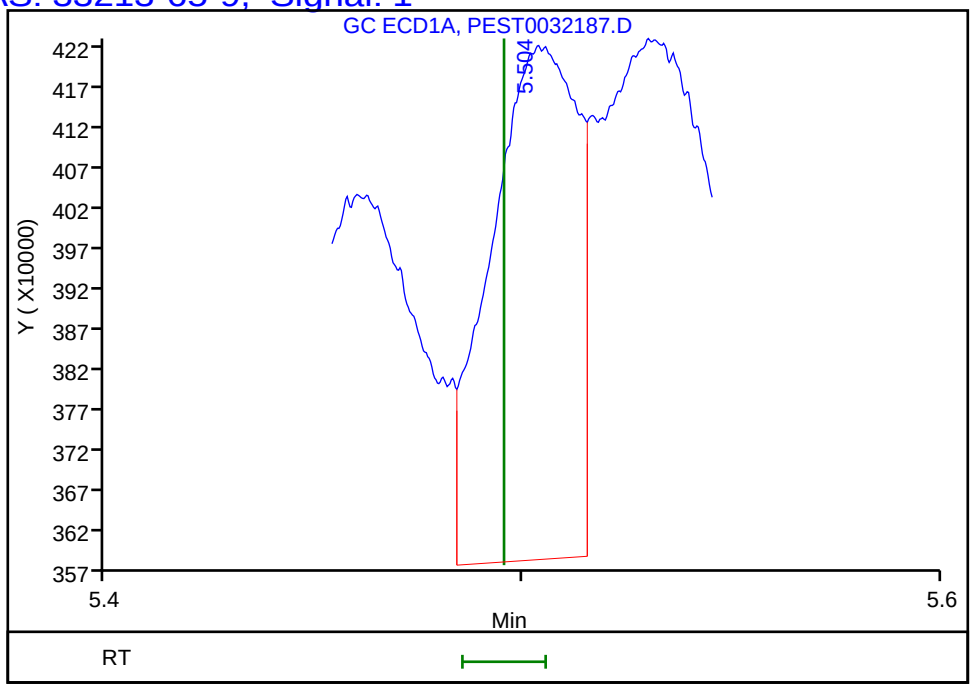
Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.50

Response: 916065

Amount: 0.638238



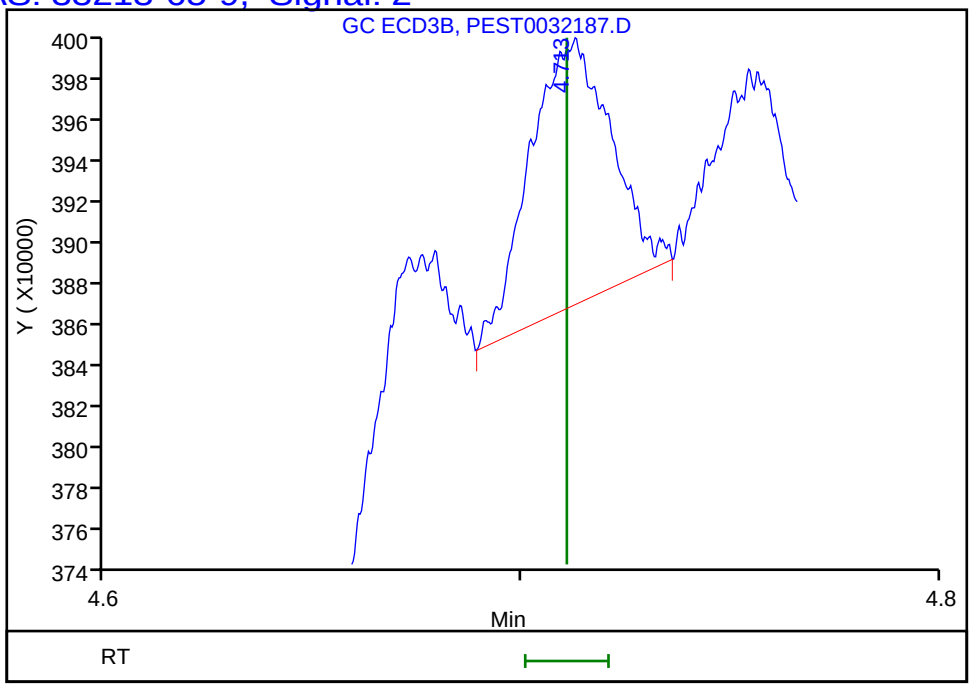
Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71

Response: 175984

Amount: 0.094157



Reviewer: manlangitf, 03-Nov-2021 06:47:35

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 07:35 Calibration End Date: 10/01/2021 08:24 Calibration ID: 87526

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/4	PEST0031281.D
Level 2	IC 460-804494/5	PEST0031282.D
Level 3	ICIS 460-804494/3	PEST0031280.D
Level 4	IC 460-804494/6	PEST0031283.D
Level 5	IC 460-804494/7	PEST0031284.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.5918	1.5841	1.5333	1.7853	1.7270	Ave		1.6443				6.5		20.0			
gamma-BHC (Lindane)	1.5460	1.4261	1.3886	1.5879	1.5255	Ave		1.4948				5.6		20.0			
beta-BHC	0.4046	0.6422	0.6093	0.6812	0.6414	Ave		0.5957				18.4		20.0			
delta-BHC	1.1888	1.2083	1.1922	1.4148	1.3731	Ave		1.2754				8.6		20.0			
Heptachlor	1.5306	1.3229	1.3197	1.4532	1.3723	Ave		1.3997				6.5		20.0			
Aldrin	1.4312	1.3087	1.3300	1.4581	1.3852	Ave		1.3827				4.6		20.0			
Heptachlor epoxide	1.3675	1.1702	1.1682	1.2711	1.1919	Ave		1.2338				6.9		20.0			
trans-Chlordane	1.3213	1.1417	1.1508	1.2638	1.1940	Ave		1.2143				6.3		20.0			
cis-Chlordane	1.3294	1.1166	1.1279	1.2264	1.1561	Ave		1.1913				7.4		20.0			
Endosulfan I	1.2755	1.0644	1.0781	1.1765	1.1040	Ave		1.1397				7.7		20.0			
4,4'-DDE	1.3411	1.1805	1.2197	1.3306	1.2483	Ave		1.2640				5.5		20.0			
Dieldrin	1.3684	1.2183	1.2317	1.3413	1.2558	Ave		1.2831				5.3		20.0			
Endrin	1.2724	1.1649	1.1700	1.2657	1.1827	Ave		1.2111				4.4		20.0			
4,4'-DDD	1.1168	0.9900	1.0071	1.1013	1.0260	Ave		1.0482				5.5		20.0			
Endosulfan II	1.2243	0.9330	1.0705	1.1343	1.0704	Ave		1.0865				9.8		20.0			
4,4'-DDT	1.0786	0.9202	0.9512	1.0531	0.9800	Ave		0.9966				6.7		20.0			
Endrin aldehyde	0.9945	0.7670	0.8071	0.8970	0.8235	Ave		0.8578				10.5		20.0			
Endosulfan sulfate	1.0533	0.9081	0.9271	1.0144	0.9303	Ave		0.9666				6.6		20.0			
Methoxychlor	0.6246	0.5598	0.5545	0.5901	0.5307	Ave		0.5719				6.3		20.0			
Mirex	0.9115	0.7904	0.8329	0.8504	0.7484	Ave		0.8267				7.5		20.0			
Endrin ketone	0.9922	0.9118	0.9662	1.0237	0.9409	Ave		0.9669				4.5		20.0			
Tetrachloro-m-xylene	1.2586	1.1528	1.2487	1.2702	1.2099	Ave		1.2280				3.9		20.0			
DCB Decachlorobiphenyl	1.0355	0.8417	0.9322	0.9041	0.8371	Ave		0.9101				8.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 07:35 Calibration End Date: 10/01/2021 08:24 Calibration ID: 87526

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/4	PEST0031281.D
Level 2	IC 460-804494/5	PEST0031282.D
Level 3	ICIS 460-804494/3	PEST0031280.D
Level 4	IC 460-804494/6	PEST0031283.D
Level 5	IC 460-804494/7	PEST0031284.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	3888498	76948119	132417007	401419031	776841184	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	3776625	69273456	119919737	357039925	686205261	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	988335	31193007	52623288	153160947	288533878	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	2903993	58694406	102960986	318106090	617631157	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	3739043	64257385	113976232	326745205	617268268	2.50	50.0	100	250	500
Aldrin	BNB	Ave	3496342	63571063	114863933	327861434	623080709	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	3340649	56843670	100890219	285806718	536152968	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	3227879	55458449	99388083	284165350	537102255	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	3247481	54237700	97407653	275746624	520016371	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	3115944	51701625	93112289	264536559	496614745	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	3276206	57340552	105333592	299178026	561508508	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	3342870	59179931	106375608	301592140	564876136	2.50	50.0	100	250	500
Endrin	BNB	Ave	3108358	56583559	101041196	284583272	532006942	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	2728176	48087995	86979536	247633511	461498202	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	2990750	45319412	92456088	255048228	481495557	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	2634887	44696278	82147600	236785336	440838611	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	2429519	37256084	69705954	201686427	370437734	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	2573134	44109210	80068737	228077082	418448704	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	1525869	27192596	47887386	132681329	238712606	2.50	50.0	100	250	500
Mirex	BNB	Ave	2226600	38390725	71935985	191218325	336633733	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	2423885	44288954	83443065	230173113	423217723	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	7686431	55995723	107837797	171365909	217696603	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	6323811	40882375	80511551	121965419	150615915	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031280.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 01-Oct-2021 07:35:25 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P3
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:22 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:33:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	86363279	100.0	100.0	
2	1.509	1.509	0.000	158173348	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.128	2.128	0.000	107837797	100.0	101.7	
2	1.870	1.870	0.000	206063600	100.0	100.3	
						RPD = 1.40	
15 alpha-BHC							
1	2.553	2.553	0.000	132417007	100.0	93.2	
2	2.185	2.185	0.000	252637573	100.0	92.2	
						RPD = 1.12	
2 gamma-BHC (Lindane)							M
1	2.846	2.846	0.000	119919737	100.0	92.9	M
2	2.386	2.386	0.000	232896520	100.0	92.1	M
						RPD = 0.85	
6 beta-BHC							M
1	2.904	2.904	0.000	52623288	100.0	102.3	M
2	2.437	2.437	0.000	96878973	100.0	101.8	M
						RPD = 0.49	
32 delta-BHC							
1	3.191	3.191	0.000	102960986	100.0	93.5	
2	2.565	2.565	0.000	195563154	100.0	92.8	
						RPD = 0.71	
18 Heptachlor							
1	3.279	3.279	0.000	113976232	100.0	94.3	
2	2.722	2.722	0.000	226007107	100.0	93.5	
						RPD = 0.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.649	3.649	0.000	114863933	100.0	96.2	
2	2.966	2.966	0.000	229824781	100.0	95.2	
						RPD = 1.01	
12 Heptachlor epoxide							
1	4.296	4.296	0.000	100890219	100.0	94.7	
2	3.541	3.541	0.000	211411426	100.0	93.9	
						RPD = 0.88	
9 trans-Chlordane							M
1	4.528	4.528	0.000	99388083	100.0	94.8	M
2	3.676	3.676	0.000	214728932	100.0	95.3	M
						RPD = 0.61	
23 cis-Chlordane							M
1	4.706	4.706	0.000	97407653	100.0	94.7	M
2	3.819	3.819	0.000	206670930	100.0	95.3	M
						RPD = 0.65	
7 Endosulfan I							M
1	4.775	4.775	0.000	93112289	100.0	94.6	M
2	3.970	3.970	0.000	200170055	100.0	96.2	M
						RPD = 1.66	
25 4,4'-DDE							M
1	4.884	4.884	0.000	105333592	100.0	96.5	
2	3.899	3.899	0.000	225468336	100.0	96.9	M
						RPD = 0.37	
30 Dieldrin							
1	5.056	5.056	0.000	106375608	100.0	96.0	
2	4.222	4.222	0.000	219301274	100.0	95.3	
						RPD = 0.74	
20 Endrin							
1	5.342	5.342	0.000	101041196	100.0	96.6	
2	4.487	4.487	0.000	208277078	100.0	97.7	
						RPD = 1.14	
16 4,4'-DDD							
1	5.452	5.452	0.000	86979536	100.0	96.1	
2	4.571	4.571	0.000	181893356	100.0	96.8	
						RPD = 0.75	
11 Endosulfan II							
1	5.546	5.546	0.000	92456088	100.0	98.5	
2	4.747	4.747	0.000	194091040	100.0	98.6	
						RPD = 0.09	
21 4,4'-DDT							
1	5.794	5.794	0.000	82147600	100.0	95.4	
2	4.881	4.881	0.000	188876820	100.0	96.9	
						RPD = 1.56	
5 Endrin aldehyde							
1	5.926	5.926	0.000	69705954	100.0	94.1	
2	5.162	5.162	0.000	156154702	100.0	94.0	
						RPD = 0.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.302	6.302	0.000	80068737	100.0	95.9	
2	5.567	5.567	0.000	183304088	100.0	94.7	
						RPD = 1.32	
10 Methoxychlor							
1	6.853	6.853	0.000	47887386	100.0	96.9	
2	5.359	5.359	0.000	109587467	100.0	97.1	
						RPD = 0.18	
34 Mirex							M
1	7.052	7.052	0.000	71935985	100.0	100.8	M
2	5.438	5.438	0.000	158864032	100.0	97.7	
						RPD = 3.11	
13 Endrin ketone							M
1	7.138	7.138	0.000	83443065	100.0	99.9	M
2	5.858	5.858	0.000	187755320	100.0	99.0	
						RPD = 0.89	
$ 24 DCB Decachlorobiphenyl							
1	8.377	8.377	0.000	80511551	100.0	102.4	
2	7.395	7.395	0.000	216363462	100.0	99.1	
						RPD = 3.30	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

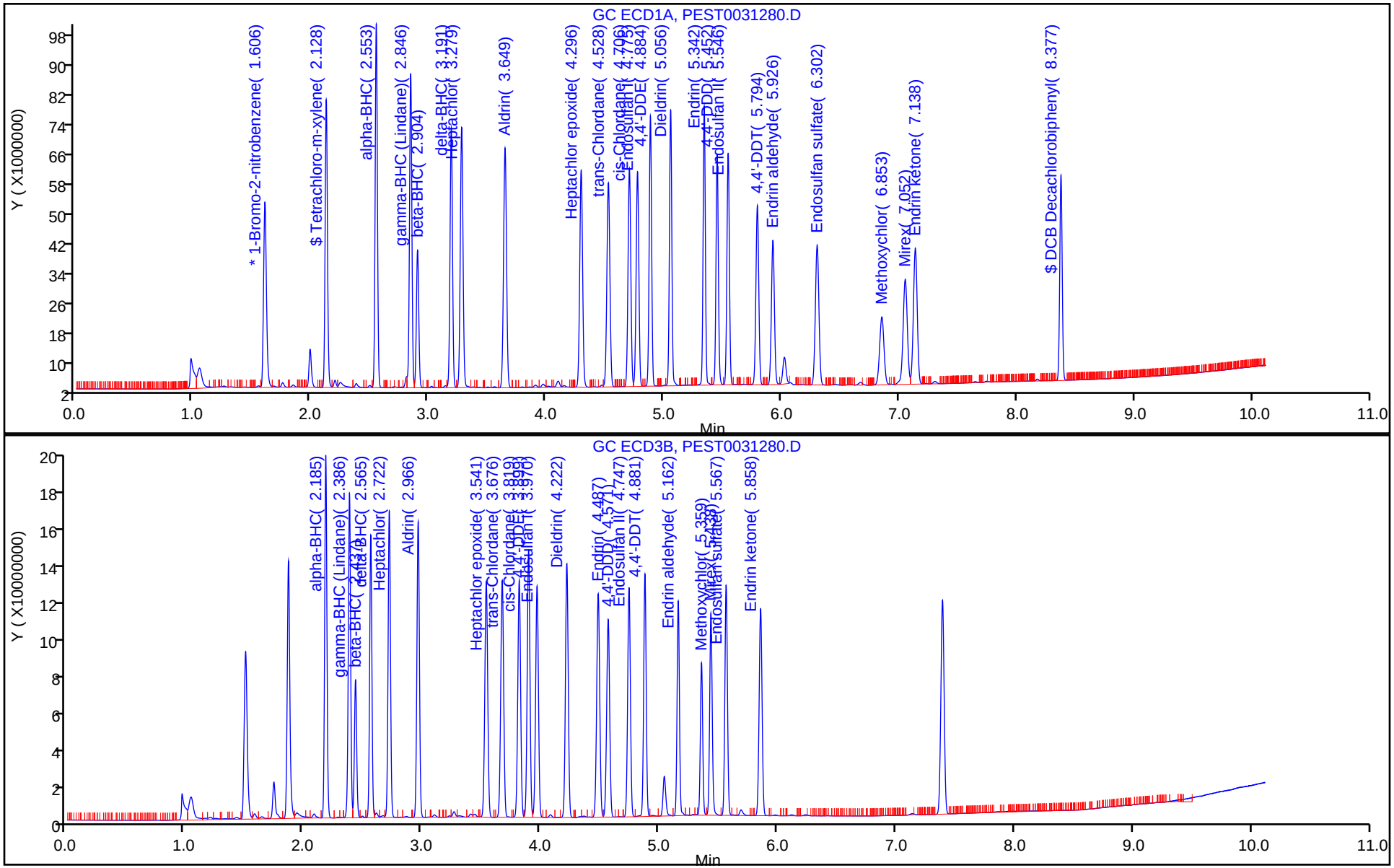
SGPESTL3_00039	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:24 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031280.D

Injection Date:	01-Oct-2021 07:35:25	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031281.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Oct-2021 07:47:42 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P1
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:31 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:22:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	97714958	100.0	100.0	
2	1.509	1.509	0.000	179099844	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	7686431	6.25	6.41	
2	1.870	1.870	0.000	15436469	6.25	6.63	
						RPD = 3.49	
15 alpha-BHC							
1	2.553	2.553	0.000	3888498	2.50	2.42	
2	2.185	2.185	0.000	7827042	2.50	2.52	
						RPD = 4.16	
2 gamma-BHC (Lindane)							
1	2.845	2.846	-0.001	3776625	2.50	2.59	
2	2.385	2.386	-0.001	7511173	2.50	2.62	
						RPD = 1.45	
6 beta-BHC							
1	2.904	2.904	0.000	988335	2.50	1.70	
2	2.437	2.437	0.000	1860096	2.50	1.73	
						RPD = 1.64	
32 delta-BHC							
1	3.190	3.191	-0.001	2903993	2.50	2.33	
2	2.564	2.565	-0.001	5720630	2.50	2.40	
						RPD = 2.86	
18 Heptachlor							
1	3.278	3.279	-0.001	3739043	2.50	2.73	
2	2.721	2.722	-0.001	7705667	2.50	2.81	
						RPD = 2.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.648	3.649	-0.001	3496342	2.50	2.59	
2	2.965	2.966	-0.001	7305001	2.50	2.67	
						RPD = 3.24	
12 Heptachlor epoxide							
1	4.294	4.296	-0.002	3340649	2.50	2.77	
2	3.541	3.541	0.000	7596777	2.50	2.98	
						RPD = 7.22	
9 trans-Chlordane							
1	4.528	4.528	0.000	3227879	2.50	2.72	
2	3.675	3.676	-0.001	6965003	2.50	2.73	
						RPD = 0.41	
23 cis-Chlordane							M
1	4.706	4.706	0.000	3247481	2.50	2.79	M
2	3.819	3.819	0.000	6801928	2.50	2.77	
						RPD = 0.72	
7 Endosulfan I							M
1	4.773	4.775	-0.002	3115944	2.50	2.80	M
2	3.970	3.970	0.000	6574338	2.50	2.79	
						RPD = 0.29	
25 4,4'-DDE							M
1	4.884	4.884	0.000	3276206	2.50	2.65	M
2	3.899	3.899	0.000	7006338	2.50	2.66	
						RPD = 0.21	
30 Dieldrin							M
1	5.056	5.056	0.000	3342870	2.50	2.67	M
2	4.221	4.222	-0.001	7163877	2.50	2.75	
						RPD = 3.06	
20 Endrin							M
1	5.342	5.342	0.000	3108358	2.50	2.63	M
2	4.486	4.487	-0.001	6323482	2.50	2.62	
						RPD = 0.25	
16 4,4'-DDD							M
1	5.452	5.452	0.000	2728176	2.50	2.66	M
2	4.571	4.571	0.000	5584087	2.50	2.62	
						RPD = 1.47	
11 Endosulfan II							M
1	5.544	5.546	-0.002	2990750	2.50	2.82	M
2	4.746	4.747	-0.001	6353490	2.50	2.85	
						RPD = 1.20	
21 4,4'-DDT							
1	5.793	5.794	-0.001	2634887	2.50	2.71	
2	4.881	4.881	0.000	5790848	2.50	2.62	
						RPD = 3.03	
5 Endrin aldehyde							M
1	5.925	5.926	-0.001	2429519	2.50	2.90	
2	5.162	5.162	0.000	5540424	2.50	2.94	M
						RPD = 1.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.301	6.302	-0.001	2573134	2.50	2.72	
2	5.567	5.567	0.000	5846071	2.50	2.67	M
						RPD = 2.16	
10 Methoxychlor							M
1	6.853	6.853	0.000	1525869	2.50	2.73	
2	5.360	5.359	0.001	3548115	2.50	2.78	M
						RPD = 1.71	
34 Mirex							M
1	7.051	7.052	-0.001	2226600	2.50	2.76	M
2	5.439	5.438	0.001	5422877	2.50	2.94	M
						RPD = 6.60	
13 Endrin ketone							
1	7.136	7.138	-0.002	2423885	2.50	2.57	
2	5.857	5.858	-0.001	5893781	2.50	2.75	
						RPD = 6.79	
$ 24 DCB Decachlorobiphenyl							
1	8.375	8.377	-0.002	6323811	6.25	7.11	
2	7.394	7.395	-0.001	16730674	6.25	6.77	
						RPD = 4.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

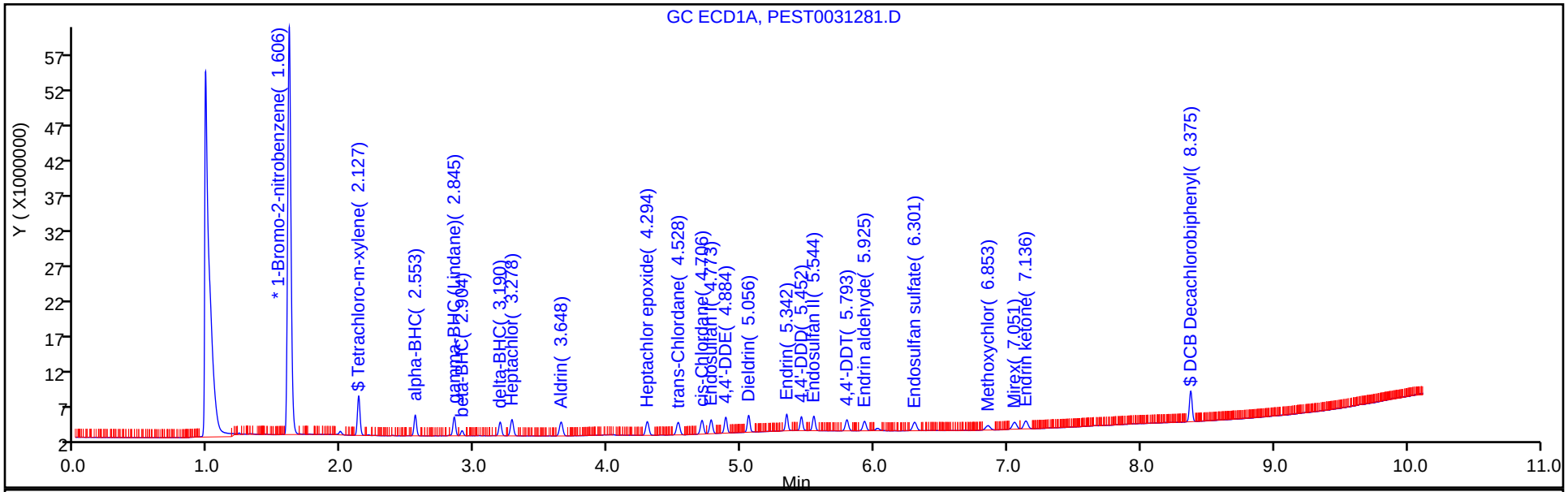
SGPESTL1_00030	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

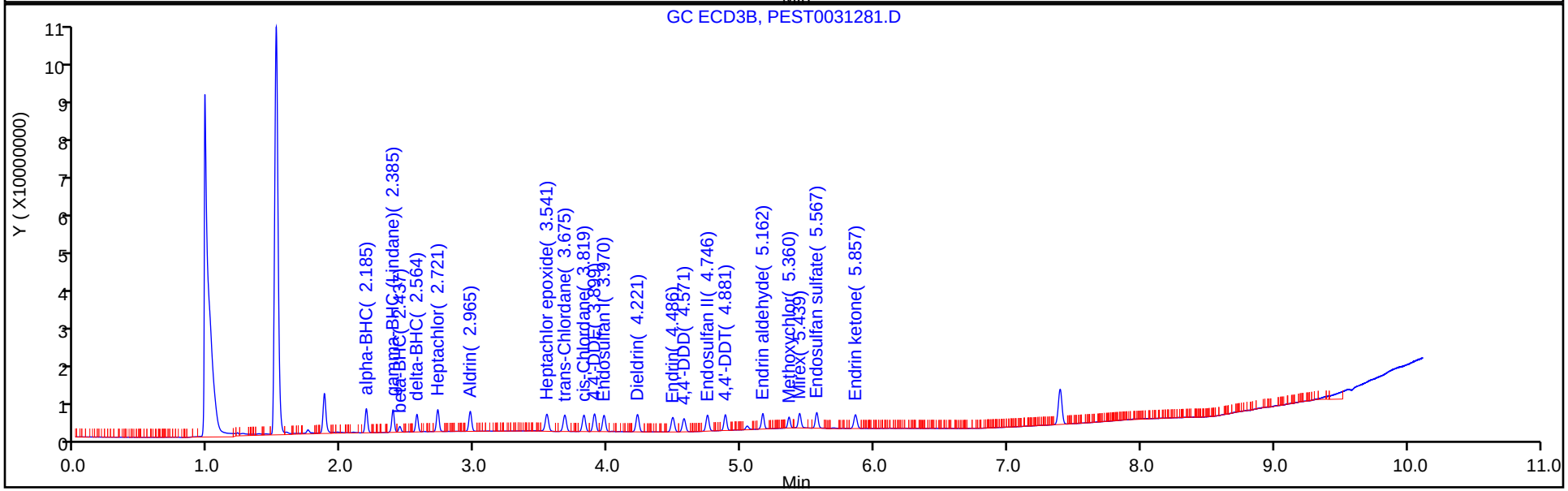
Report Date: 04-Oct-2021 05:19:32 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031281.D

Injection Date:	01-Oct-2021 07:47:42	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031282.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2021 08:00:01 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P2
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:40 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:31:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.606	1.606	0.000	97148047	100.0	100.0	M
2	1.509	1.509	0.000	174781582	100.0	100.0	M
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.128	2.128	0.000	55995723	50.0	46.9	
2	1.871	1.870	0.001	107511659	50.0	47.3	M
						RPD = 0.86	
15 alpha-BHC							M
1	2.553	2.553	0.000	76948119	50.0	48.2	
2	2.185	2.185	0.000	146726979	50.0	48.5	M
						RPD = 0.61	
2 gamma-BHC (Lindane)							M
1	2.846	2.846	0.000	69273456	50.0	47.7	M
2	2.386	2.386	0.000	134264593	50.0	48.1	M
						RPD = 0.73	
6 beta-BHC							M
1	2.903	2.904	-0.001	31193007	50.0	53.9	M
2	2.437	2.437	0.000	57480471	50.0	54.7	M
						RPD = 1.39	
32 delta-BHC							M
1	3.190	3.191	-0.001	58694406	50.0	47.4	M
2	2.565	2.565	0.000	112068961	50.0	48.1	M
						RPD = 1.60	
18 Heptachlor							M
1	3.278	3.279	-0.001	64257385	50.0	47.3	M
2	2.721	2.722	-0.001	128358991	50.0	48.0	M
						RPD = 1.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.648	3.649	-0.001	63571063	50.0	47.3	
2	2.966	2.966	0.000	127895150	50.0	48.0	M
						RPD = 1.32	
12 Heptachlor epoxide							M
1	4.295	4.296	-0.001	56843670	50.0	47.4	
2	3.541	3.541	0.000	118721016	50.0	47.7	M
						RPD = 0.58	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	55458449	50.0	47.0	M
2	3.675	3.676	-0.001	119215602	50.0	47.9	
						RPD = 1.89	
23 cis-Chlordane							M
1	4.706	4.706	0.000	54237700	50.0	46.9	M
2	3.819	3.819	0.000	114397098	50.0	47.7	M
						RPD = 1.84	
7 Endosulfan I							M
1	4.774	4.775	-0.001	51701625	50.0	46.7	M
2	3.970	3.970	0.000	109865148	50.0	47.8	M
						RPD = 2.28	
25 4,4'-DDE							M
1	4.884	4.884	0.000	57340552	50.0	46.7	
2	3.898	3.899	-0.001	122461528	50.0	47.6	M
						RPD = 1.93	
30 Dieldrin							
1	5.056	5.056	0.000	59179931	50.0	47.5	
2	4.221	4.222	-0.001	122532187	50.0	48.2	
						RPD = 1.47	
20 Endrin							M
1	5.342	5.342	0.000	56583559	50.0	48.1	
2	4.487	4.487	0.000	115124042	50.0	48.9	M
						RPD = 1.62	
16 4,4'-DDD							M
1	5.452	5.452	0.000	48087995	50.0	47.2	
2	4.571	4.571	0.000	99800998	50.0	48.1	M
						RPD = 1.77	
11 Endosulfan II							
1	5.544	5.546	-0.002	45319412	50.0	42.9	
2	4.747	4.747	0.000	94775806	50.0	43.6	
						RPD = 1.49	
21 4,4'-DDT							
1	5.793	5.794	-0.001	44696278	50.0	46.2	
2	4.881	4.881	0.000	101199766	50.0	47.0	
						RPD = 1.80	
5 Endrin aldehyde							M
1	5.925	5.926	-0.001	37256084	50.0	44.7	M
2	5.162	5.162	0.000	84274416	50.0	45.9	
						RPD = 2.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.302	6.302	0.000	44109210	50.0	47.0	
2	5.567	5.567	0.000	105070053	50.0	49.1	
						RPD = 4.43	
10 Methoxychlor							M
1	6.851	6.853	-0.002	27192596	50.0	48.9	M
2	5.359	5.359	0.000	62002316	50.0	49.7	
						RPD = 1.60	
34 Mirex							M
1	7.053	7.052	0.001	38390725	50.0	47.8	M
2	5.439	5.438	0.001	84283072	50.0	46.9	
						RPD = 1.92	
13 Endrin ketone							M
1	7.138	7.138	0.000	44288954	50.0	47.1	M
2	5.857	5.858	-0.001	99052271	50.0	47.3	
						RPD = 0.29	
$ 24 DCB Decachlorobiphenyl							
1	8.376	8.377	-0.001	40882375	50.0	46.2	
2	7.394	7.395	-0.001	116170023	50.0	48.2	
						RPD = 4.06	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

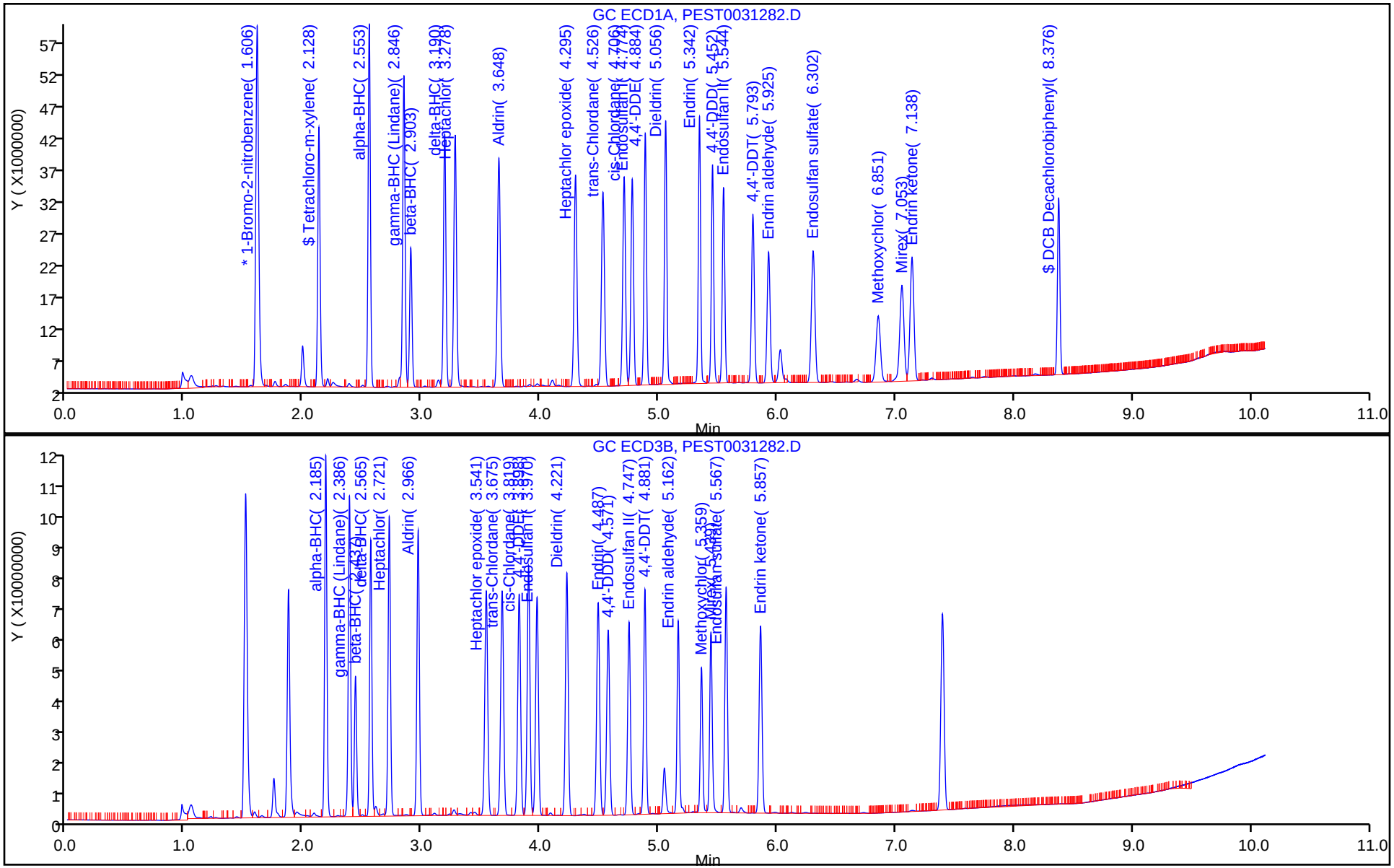
SGPESTL2_00038	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:41 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031282.D

Injection Date:	01-Oct-2021 08:00:01	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031283.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Oct-2021 08:12:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:51 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:30:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.607	1.606	0.001	89939326	100.0	100.0	
2	1.509	1.509	0.000	167552566	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.128	2.128	0.000	171365909	150.0	155.2	M
2	1.870	1.870	0.000	329202426	150.0	151.2	
						RPD = 2.57	
15 alpha-BHC							M
1	2.553	2.553	0.000	401419031	250.0	271.4	M
2	2.185	2.185	0.000	764911579	250.0	263.6	
						RPD = 2.94	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	357039925	250.0	265.6	M
2	2.386	2.386	0.000	696987860	250.0	260.2	M
						RPD = 2.04	
6 beta-BHC							M
1	2.904	2.904	0.000	153160947	250.0	285.9	M
2	2.436	2.437	-0.001	283269301	250.0	281.0	M
						RPD = 1.73	
32 delta-BHC							M
1	3.190	3.191	-0.001	318106090	250.0	277.3	M
2	2.565	2.565	0.000	601592900	250.0	269.5	
						RPD = 2.85	
18 Heptachlor							M
1	3.279	3.279	0.000	326745205	250.0	259.5	M
2	2.722	2.722	0.000	645219371	250.0	251.9	
						RPD = 3.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.648	3.649	-0.001	327861434	250.0	263.6	
2	2.966	2.966	0.000	655892473	250.0	256.5	
						RPD = 2.73	
12 Heptachlor epoxide							
1	4.295	4.296	-0.001	285806718	250.0	257.6	
2	3.540	3.541	-0.001	587091469	250.0	246.1	
						RPD = 4.57	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	284165350	250.0	260.2	M
2	3.675	3.676	-0.001	607046793	250.0	254.5	
						RPD = 2.22	
23 cis-Chlordane							M
1	4.706	4.706	0.000	275746624	250.0	257.4	M
2	3.819	3.819	0.000	581698332	250.0	253.2	M
						RPD = 1.63	
7 Endosulfan I							M
1	4.774	4.775	-0.001	264536559	250.0	258.1	M
2	3.970	3.970	0.000	556007884	250.0	252.2	M
						RPD = 2.30	
25 4,4'-DDE							M
1	4.885	4.884	0.001	299178026	250.0	263.2	
2	3.898	3.899	-0.001	635130183	250.0	257.6	M
						RPD = 2.16	
30 Dieldrin							
1	5.056	5.056	0.000	301592140	250.0	261.3	
2	4.221	4.222	-0.001	620356886	250.0	254.5	
						RPD = 2.67	
20 Endrin							
1	5.342	5.342	0.000	284583272	250.0	261.3	
2	4.486	4.487	-0.001	578801540	250.0	256.3	
						RPD = 1.90	
16 4,4'-DDD							
1	5.452	5.452	0.000	247633511	250.0	262.7	
2	4.570	4.571	-0.001	516054047	250.0	259.3	
						RPD = 1.30	
11 Endosulfan II							
1	5.545	5.546	-0.001	255048228	250.0	261.0	
2	4.746	4.747	-0.001	531369011	250.0	254.9	
						RPD = 2.38	
21 4,4'-DDT							
1	5.793	5.794	-0.001	236785336	250.0	264.2	
2	4.881	4.881	0.000	537063721	250.0	260.2	
						RPD = 1.51	
5 Endrin aldehyde							M
1	5.926	5.926	0.000	201686427	250.0	261.4	M
2	5.162	5.162	0.000	446355401	250.0	253.5	M
						RPD = 3.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.303	6.302	0.001	228077082	250.0	262.3	
2	5.567	5.567	0.000	530068376	250.0	258.4	
						RPD = 1.52	
10 Methoxychlor							M
1	6.852	6.853	-0.001	132681329	250.0	257.9	
2	5.359	5.359	0.000	299658668	250.0	250.7	M
						RPD = 2.84	
34 Mirex							M
1	7.052	7.052	0.000	191218325	250.0	257.2	M
2	5.438	5.438	0.000	430568701	250.0	249.9	M
						RPD = 2.88	
13 Endrin ketone							M
1	7.138	7.138	0.000	230173113	250.0	264.7	M
2	5.857	5.858	-0.001	509450368	250.0	253.7	
						RPD = 4.24	
$ 24 DCB Decachlorobiphenyl							
1	8.375	8.377	-0.002	121965419	150.0	149.0	
2	7.394	7.395	-0.001	350498213	150.0	151.6	
						RPD = 1.70	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL4_00036	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:52 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031283.D

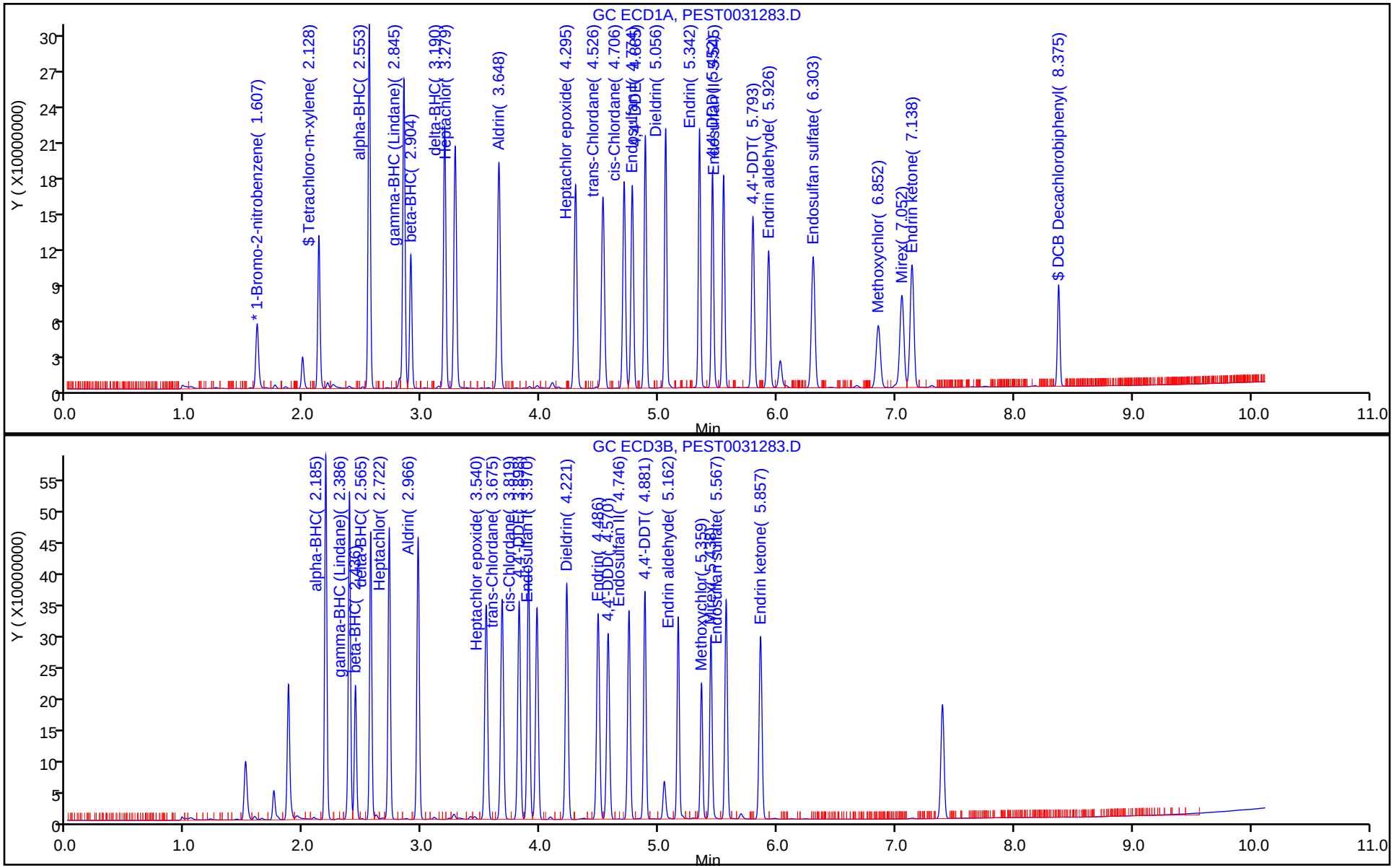
Injection Date: 01-Oct-2021 08:12:24 Instrument ID: CPESTGC12 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: GC8081 Limit Group: GC 8081B PEST ISTD



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031284.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2021 08:24:43 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:20:02 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 09:03:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	89964248	100.0	100.0	
2	1.508	1.509	-0.001	165623858	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	217696603	200.0	197.0	
2	1.870	1.870	0.000	422280156	200.0	196.2	
						RPD = 0.42	
15 alpha-BHC							M
1	2.553	2.553	0.000	776841184	500.0	525.2	M
2	2.186	2.185	0.001	1499005232	500.0	522.5	
						RPD = 0.50	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	686205261	500.0	510.3	M
2	2.386	2.386	0.000	1360405205	500.0	513.8	M
						RPD = 0.69	
6 beta-BHC							M
1	2.903	2.904	-0.001	288533878	500.0	538.4	M
2	2.437	2.437	0.000	535652941	500.0	537.5	M
						RPD = 0.17	
32 delta-BHC							
1	3.190	3.191	-0.001	617631157	500.0	538.3	
2	2.566	2.565	0.001	1182601326	500.0	536.0	
						RPD = 0.42	
18 Heptachlor							
1	3.278	3.279	-0.001	617268268	500.0	490.2	
2	2.722	2.722	0.000	1230502617	500.0	485.9	
						RPD = 0.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.647	3.649	-0.002	623080709	500.0	500.9	
2	2.966	2.966	0.000	1255014494	500.0	496.6	
						RPD = 0.86	
12 Heptachlor epoxide							
1	4.295	4.296	-0.001	536152968	500.0	483.0	
2	3.541	3.541	0.000	1098908606	500.0	465.9	
						RPD = 3.61	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	537102255	500.0	491.6	M
2	3.676	3.676	0.000	1153099954	500.0	489.0	
						RPD = 0.54	
23 cis-Chlordane							M
1	4.705	4.706	-0.001	520016371	500.0	485.2	M
2	3.819	3.819	0.000	1103023307	500.0	485.7	M
						RPD = 0.10	
7 Endosulfan I							M
1	4.774	4.775	-0.001	496614745	500.0	484.3	M
2	3.970	3.970	0.000	1043941878	500.0	479.0	M
						RPD = 1.10	
25 4,4'-DDE							M
1	4.884	4.884	0.000	561508508	500.0	493.8	
2	3.899	3.899	0.000	1201759363	500.0	493.0	M
						RPD = 0.16	
30 Dieldrin							
1	5.056	5.056	0.000	564876136	500.0	489.3	
2	4.221	4.222	-0.001	1164158999	500.0	483.1	
						RPD = 1.29	
20 Endrin							
1	5.342	5.342	0.000	532006942	500.0	488.3	
2	4.486	4.487	-0.001	1084707943	500.0	486.0	
						RPD = 0.47	
16 4,4'-DDD							
1	5.452	5.452	0.000	461498202	500.0	489.4	
2	4.570	4.571	-0.001	967937306	500.0	491.9	
						RPD = 0.52	
11 Endosulfan II							
1	5.545	5.546	-0.001	481495557	500.0	492.6	
2	4.747	4.747	0.000	1012289979	500.0	491.2	
						RPD = 0.28	
21 4,4'-DDT							
1	5.793	5.794	-0.001	440838611	500.0	491.7	
2	4.881	4.881	0.000	1019699998	500.0	499.8	
						RPD = 1.64	
5 Endrin aldehyde							
1	5.925	5.926	-0.001	370437734	500.0	480.0	
2	5.162	5.162	0.000	827530167	500.0	475.5	
						RPD = 0.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.301	6.302	-0.001	418448704	500.0	481.2	
2	5.568	5.567	0.001	984981961	500.0	485.7	
						RPD = 0.94	
10 Methoxychlor							
1	6.851	6.853	-0.002	238712606	500.0	463.9	
2	5.359	5.359	0.000	543676364	500.0	460.2	
						RPD = 0.81	
34 Mirex							M
1	7.051	7.052	-0.001	336633733	500.0	452.6	M
2	5.439	5.438	0.001	773535494	500.0	454.2	
						RPD = 0.34	
13 Endrin ketone							M
1	7.137	7.138	-0.001	423217723	500.0	486.5	M
2	5.858	5.858	0.000	943832230	500.0	475.5	
						RPD = 2.30	
$ 24 DCB Decachlorobiphenyl							
1	8.374	8.377	-0.003	150615915	200.0	184.0	
2	7.394	7.395	-0.001	435465047	200.0	190.5	
						RPD = 3.49	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

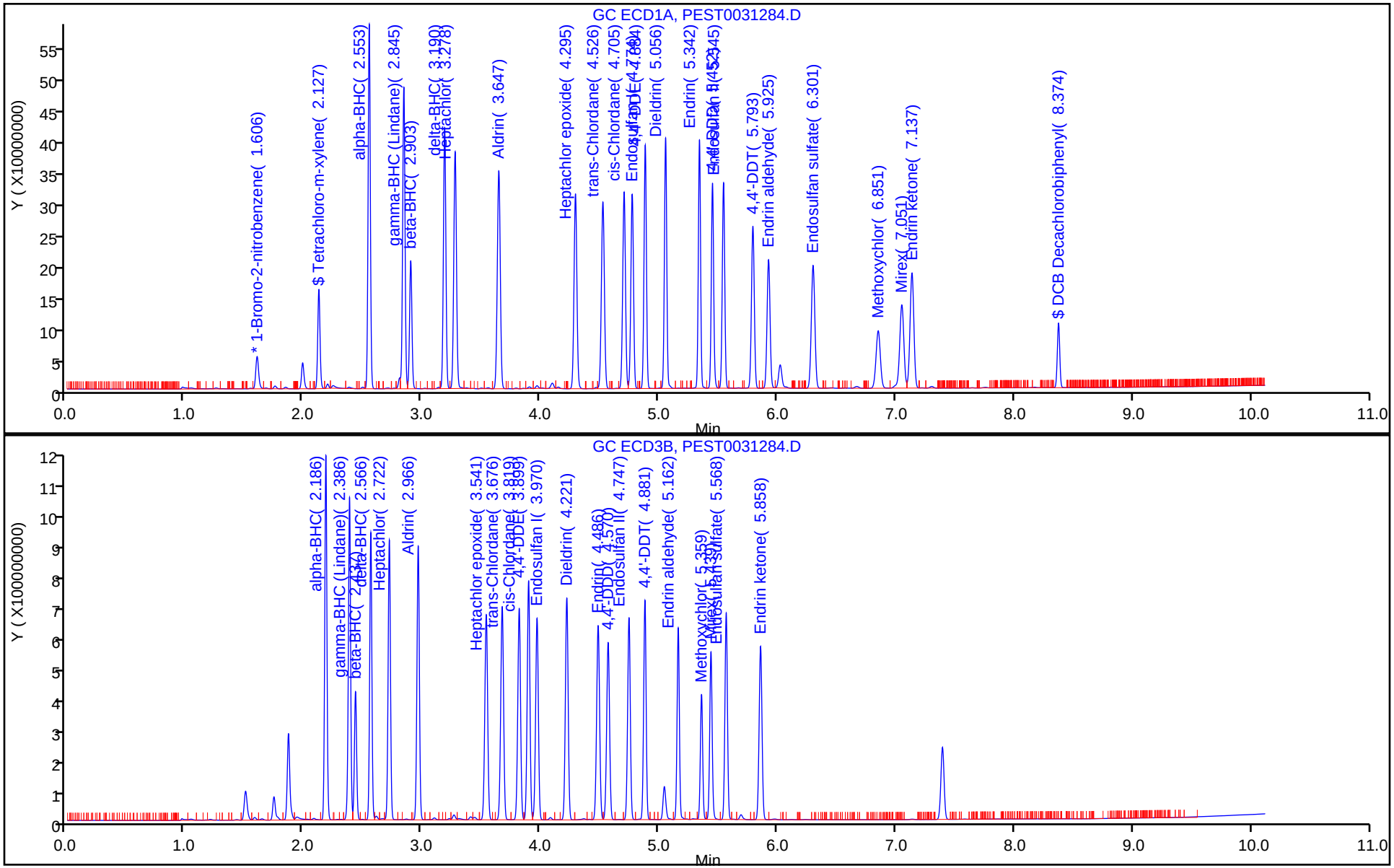
SGPESTL5_00037	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:20:04 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031284.D

Injection Date:	01-Oct-2021 08:24:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 07:35 Calibration End Date: 10/01/2021 08:24 Calibration ID: 87527

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/4	PEST0031281.D
Level 2	IC 460-804494/5	PEST0031282.D
Level 3	ICIS 460-804494/3	PEST0031280.D
Level 4	IC 460-804494/6	PEST0031283.D
Level 5	IC 460-804494/7	PEST0031284.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.7481	1.6790	1.5972	1.8261	1.8101	Ave		1.7321				5.5		20.0			
gamma-BHC (Lindane)	1.6775	1.5364	1.4724	1.6639	1.6428	Ave		1.5986				5.6		20.0			
beta-BHC	0.4154	0.6577	0.6125	0.6763	0.6468	Ave		0.6017				17.7		20.0			
delta-BHC	1.2776	1.2824	1.2364	1.4362	1.4281	Ave		1.3321				7.0		20.0			
Heptachlor	1.7210	1.4688	1.4289	1.5403	1.4859	Ave		1.5290				7.5		20.0			
Aldrin	1.6315	1.4635	1.4530	1.5658	1.5155	Ave		1.5259				4.9		20.0			
Heptachlor epoxide	1.6967	1.3585	1.3366	1.4016	1.3270	Ave		1.4241				10.9		20.0			
trans-Chlordane	1.5556	1.3642	1.3576	1.4492	1.3924	Ave		1.4238				5.8		20.0			
cis-Chlordane	1.5191	1.3090	1.3066	1.3887	1.3320	Ave		1.3711				6.5		20.0			
4,4'-DDE	1.5648	1.4013	1.4255	1.5163	1.4512	Ave		1.4718				4.6		20.0			
Endosulfan I	1.4683	1.2572	1.2655	1.3274	1.2606	Ave		1.3158				6.8		20.0			
Dieldrin	1.6000	1.4021	1.3865	1.4810	1.4058	Ave		1.4551				6.1		20.0			
Endrin	1.4123	1.3173	1.3168	1.3818	1.3098	Ave		1.3476				3.4		20.0			
4,4'-DDD	1.2471	1.1420	1.1500	1.2320	1.1688	Ave		1.1880				4.1		20.0			
Endosulfan II	1.4190	1.0845	1.2271	1.2685	1.2224	Ave		1.2443				9.6		20.0			
4,4'-DDT	1.2933	1.1580	1.1941	1.2821	1.2313	Ave		1.2318				4.7		20.0			
Endrin aldehyde	1.2374	0.9643	0.9872	1.0656	0.9993	Ave		1.0508				10.6		20.0			
Methoxychlor	0.7924	0.7095	0.6928	0.7154	0.6565	Ave		0.7133				7.0		20.0			
Mirex	1.2111	0.9644	1.0044	1.0279	0.9341	Ave		1.0284				10.5		20.0			
Endosulfan sulfate	1.3057	1.2023	1.1589	1.2654	1.1894	Ave		1.2243				4.9		20.0			
Endrin ketone	1.3163	1.1334	1.1870	1.2162	1.1397	Ave		1.1985				6.2		20.0			
Tetrachloro-m-xylene	1.3790	1.2302	1.3028	1.3098	1.2748	Ave		1.2993				4.2		20.0			
DCB Decachlorobiphenyl	1.4946	1.3293	1.3679	1.3946	1.3146	Ave		1.3802				5.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 07:35 Calibration End Date: 10/01/2021 08:24 Calibration ID: 87527

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/4	PEST0031281.D
Level 2	IC 460-804494/5	PEST0031282.D
Level 3	ICIS 460-804494/3	PEST0031280.D
Level 4	IC 460-804494/6	PEST0031283.D
Level 5	IC 460-804494/7	PEST0031284.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	7827042	146726979	252637573	764911579	1499005232	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	7511173	134264593	232896520	696987860	1360405205	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	1860096	57480471	96878973	283269301	535652941	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	5720630	112068961	195563154	601592900	1182601326	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	7705667	128358991	226007107	645219371	1230502617	2.50	50.0	100	250	500
Aldrin	BNB	Ave	7305001	127895150	229824781	655892473	1255014494	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	7596777	118721016	211411426	587091469	1098908606	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	6965003	119215602	214728932	607046793	1153099954	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	6801928	114397098	206670930	581698332	1103023307	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	7006338	122461528	225468336	635130183	1201759363	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	6574338	109865148	200170055	556007884	1043941878	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	7163877	122532187	219301274	620356886	1164158999	2.50	50.0	100	250	500
Endrin	BNB	Ave	6323482	115124042	208277078	578801540	1084707943	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	5584087	99800998	181893356	516054047	967937306	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	6353490	94775806	194091040	531369011	1012289979	2.50	50.0	100	250	500

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 07:35 Calibration End Date: 10/01/2021 08:24 Calibration ID: 87527

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
4,4'-DDT	BNB	Ave	5790848	101199766	188876820	537063721	1019699998	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	5540424	84274416	156154702	446355401	827530167	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	3548115	62002316	109587467	299658668	543676364	2.50	50.0	100	250	500
Mirex	BNB	Ave	5422877	84283072	158864032	430568701	773535494	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	5846071	105070053	183304088	530068376	984981961	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	5893781	99052271	187755320	509450368	943832230	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	15436469	107511659	206063600	329202426	422280156	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	16730674	116170023	216363462	350498213	435465047	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031280.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 01-Oct-2021 07:35:25 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P3
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:22 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:33:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	86363279	100.0	100.0	
2	1.509	1.509	0.000	158173348	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.128	2.128	0.000	107837797	100.0	101.7	
2	1.870	1.870	0.000	206063600	100.0	100.3	
						RPD = 1.40	
15 alpha-BHC							
1	2.553	2.553	0.000	132417007	100.0	93.2	
2	2.185	2.185	0.000	252637573	100.0	92.2	
						RPD = 1.12	
2 gamma-BHC (Lindane)							M
1	2.846	2.846	0.000	119919737	100.0	92.9	M
2	2.386	2.386	0.000	232896520	100.0	92.1	M
						RPD = 0.85	
6 beta-BHC							M
1	2.904	2.904	0.000	52623288	100.0	102.3	M
2	2.437	2.437	0.000	96878973	100.0	101.8	M
						RPD = 0.49	
32 delta-BHC							
1	3.191	3.191	0.000	102960986	100.0	93.5	
2	2.565	2.565	0.000	195563154	100.0	92.8	
						RPD = 0.71	
18 Heptachlor							
1	3.279	3.279	0.000	113976232	100.0	94.3	
2	2.722	2.722	0.000	226007107	100.0	93.5	
						RPD = 0.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.649	3.649	0.000	114863933	100.0	96.2	
2	2.966	2.966	0.000	229824781	100.0	95.2	
						RPD = 1.01	
12 Heptachlor epoxide							
1	4.296	4.296	0.000	100890219	100.0	94.7	
2	3.541	3.541	0.000	211411426	100.0	93.9	
						RPD = 0.88	
9 trans-Chlordane							M
1	4.528	4.528	0.000	99388083	100.0	94.8	M
2	3.676	3.676	0.000	214728932	100.0	95.3	M
						RPD = 0.61	
23 cis-Chlordane							M
1	4.706	4.706	0.000	97407653	100.0	94.7	M
2	3.819	3.819	0.000	206670930	100.0	95.3	M
						RPD = 0.65	
7 Endosulfan I							M
1	4.775	4.775	0.000	93112289	100.0	94.6	M
2	3.970	3.970	0.000	200170055	100.0	96.2	M
						RPD = 1.66	
25 4,4'-DDE							M
1	4.884	4.884	0.000	105333592	100.0	96.5	
2	3.899	3.899	0.000	225468336	100.0	96.9	M
						RPD = 0.37	
30 Dieldrin							
1	5.056	5.056	0.000	106375608	100.0	96.0	
2	4.222	4.222	0.000	219301274	100.0	95.3	
						RPD = 0.74	
20 Endrin							
1	5.342	5.342	0.000	101041196	100.0	96.6	
2	4.487	4.487	0.000	208277078	100.0	97.7	
						RPD = 1.14	
16 4,4'-DDD							
1	5.452	5.452	0.000	86979536	100.0	96.1	
2	4.571	4.571	0.000	181893356	100.0	96.8	
						RPD = 0.75	
11 Endosulfan II							
1	5.546	5.546	0.000	92456088	100.0	98.5	
2	4.747	4.747	0.000	194091040	100.0	98.6	
						RPD = 0.09	
21 4,4'-DDT							
1	5.794	5.794	0.000	82147600	100.0	95.4	
2	4.881	4.881	0.000	188876820	100.0	96.9	
						RPD = 1.56	
5 Endrin aldehyde							
1	5.926	5.926	0.000	69705954	100.0	94.1	
2	5.162	5.162	0.000	156154702	100.0	94.0	
						RPD = 0.14	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.302	6.302	0.000	80068737	100.0	95.9	
2	5.567	5.567	0.000	183304088	100.0	94.7	
						RPD = 1.32	
10 Methoxychlor							
1	6.853	6.853	0.000	47887386	100.0	96.9	
2	5.359	5.359	0.000	109587467	100.0	97.1	
						RPD = 0.18	
34 Mirex							M
1	7.052	7.052	0.000	71935985	100.0	100.8	M
2	5.438	5.438	0.000	158864032	100.0	97.7	
						RPD = 3.11	
13 Endrin ketone							M
1	7.138	7.138	0.000	83443065	100.0	99.9	M
2	5.858	5.858	0.000	187755320	100.0	99.0	
						RPD = 0.89	
$ 24 DCB Decachlorobiphenyl							
1	8.377	8.377	0.000	80511551	100.0	102.4	
2	7.395	7.395	0.000	216363462	100.0	99.1	
						RPD = 3.30	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

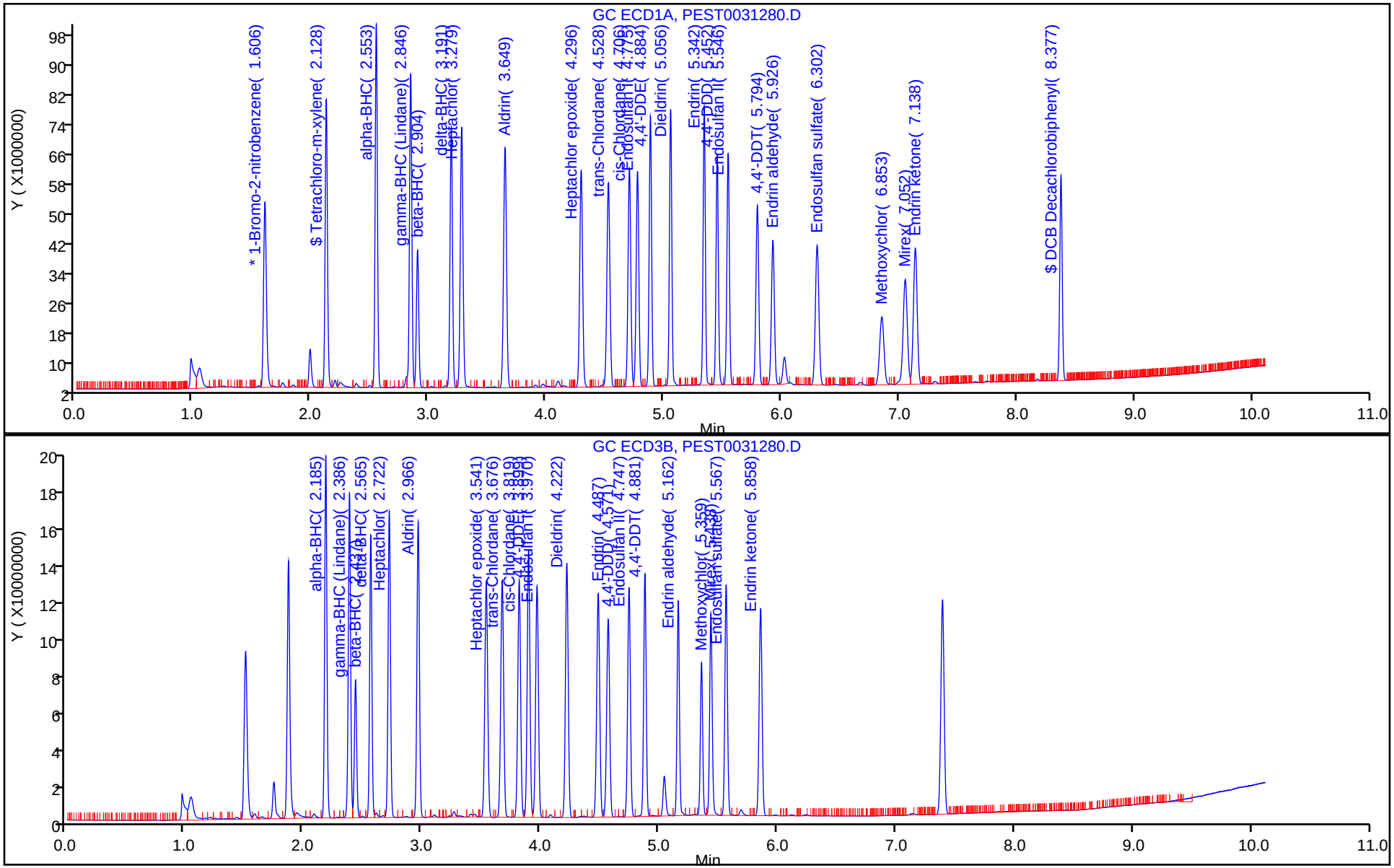
SGPESTL3_00039	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:24 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031280.D

Injection Date:	01-Oct-2021 07:35:25	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031281.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Oct-2021 07:47:42 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P1
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:31 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:22:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	97714958	100.0	100.0	
2	1.509	1.509	0.000	179099844	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	7686431	6.25	6.41	
2	1.870	1.870	0.000	15436469	6.25	6.63	
						RPD = 3.49	
15 alpha-BHC							
1	2.553	2.553	0.000	3888498	2.50	2.42	
2	2.185	2.185	0.000	7827042	2.50	2.52	
						RPD = 4.16	
2 gamma-BHC (Lindane)							
1	2.845	2.846	-0.001	3776625	2.50	2.59	
2	2.385	2.386	-0.001	7511173	2.50	2.62	
						RPD = 1.45	
6 beta-BHC							
1	2.904	2.904	0.000	988335	2.50	1.70	
2	2.437	2.437	0.000	1860096	2.50	1.73	
						RPD = 1.64	
32 delta-BHC							
1	3.190	3.191	-0.001	2903993	2.50	2.33	
2	2.564	2.565	-0.001	5720630	2.50	2.40	
						RPD = 2.86	
18 Heptachlor							
1	3.278	3.279	-0.001	3739043	2.50	2.73	
2	2.721	2.722	-0.001	7705667	2.50	2.81	
						RPD = 2.89	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.648	3.649	-0.001	3496342	2.50	2.59	
2	2.965	2.966	-0.001	7305001	2.50	2.67	
						RPD = 3.24	
12 Heptachlor epoxide							
1	4.294	4.296	-0.002	3340649	2.50	2.77	
2	3.541	3.541	0.000	7596777	2.50	2.98	
						RPD = 7.22	
9 trans-Chlordane							
1	4.528	4.528	0.000	3227879	2.50	2.72	
2	3.675	3.676	-0.001	6965003	2.50	2.73	
						RPD = 0.41	
23 cis-Chlordane							M
1	4.706	4.706	0.000	3247481	2.50	2.79	M
2	3.819	3.819	0.000	6801928	2.50	2.77	
						RPD = 0.72	
7 Endosulfan I							M
1	4.773	4.775	-0.002	3115944	2.50	2.80	M
2	3.970	3.970	0.000	6574338	2.50	2.79	
						RPD = 0.29	
25 4,4'-DDE							M
1	4.884	4.884	0.000	3276206	2.50	2.65	M
2	3.899	3.899	0.000	7006338	2.50	2.66	
						RPD = 0.21	
30 Dieldrin							M
1	5.056	5.056	0.000	3342870	2.50	2.67	M
2	4.221	4.222	-0.001	7163877	2.50	2.75	
						RPD = 3.06	
20 Endrin							M
1	5.342	5.342	0.000	3108358	2.50	2.63	M
2	4.486	4.487	-0.001	6323482	2.50	2.62	
						RPD = 0.25	
16 4,4'-DDD							M
1	5.452	5.452	0.000	2728176	2.50	2.66	M
2	4.571	4.571	0.000	5584087	2.50	2.62	
						RPD = 1.47	
11 Endosulfan II							M
1	5.544	5.546	-0.002	2990750	2.50	2.82	M
2	4.746	4.747	-0.001	6353490	2.50	2.85	
						RPD = 1.20	
21 4,4'-DDT							
1	5.793	5.794	-0.001	2634887	2.50	2.71	
2	4.881	4.881	0.000	5790848	2.50	2.62	
						RPD = 3.03	
5 Endrin aldehyde							M
1	5.925	5.926	-0.001	2429519	2.50	2.90	
2	5.162	5.162	0.000	5540424	2.50	2.94	M
						RPD = 1.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.301	6.302	-0.001	2573134	2.50	2.72	
2	5.567	5.567	0.000	5846071	2.50	2.67	M
						RPD = 2.16	
10 Methoxychlor							M
1	6.853	6.853	0.000	1525869	2.50	2.73	
2	5.360	5.359	0.001	3548115	2.50	2.78	M
						RPD = 1.71	
34 Mirex							M
1	7.051	7.052	-0.001	2226600	2.50	2.76	M
2	5.439	5.438	0.001	5422877	2.50	2.94	M
						RPD = 6.60	
13 Endrin ketone							
1	7.136	7.138	-0.002	2423885	2.50	2.57	
2	5.857	5.858	-0.001	5893781	2.50	2.75	
						RPD = 6.79	
$ 24 DCB Decachlorobiphenyl							
1	8.375	8.377	-0.002	6323811	6.25	7.11	
2	7.394	7.395	-0.001	16730674	6.25	6.77	
						RPD = 4.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

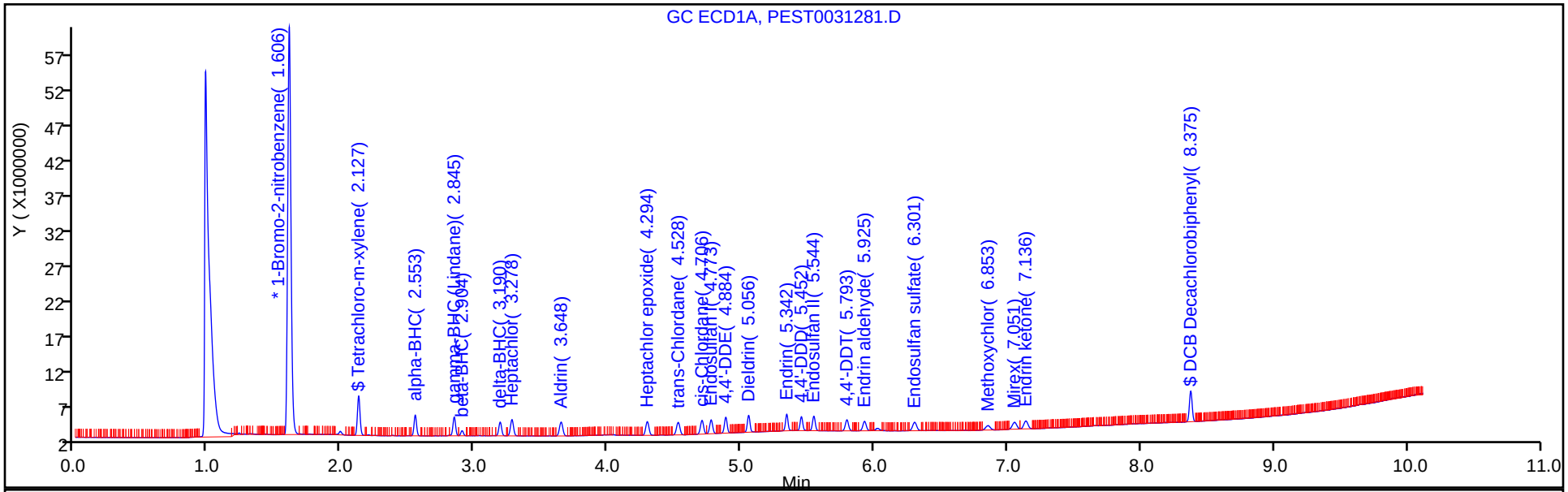
SGPESTL1_00030	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

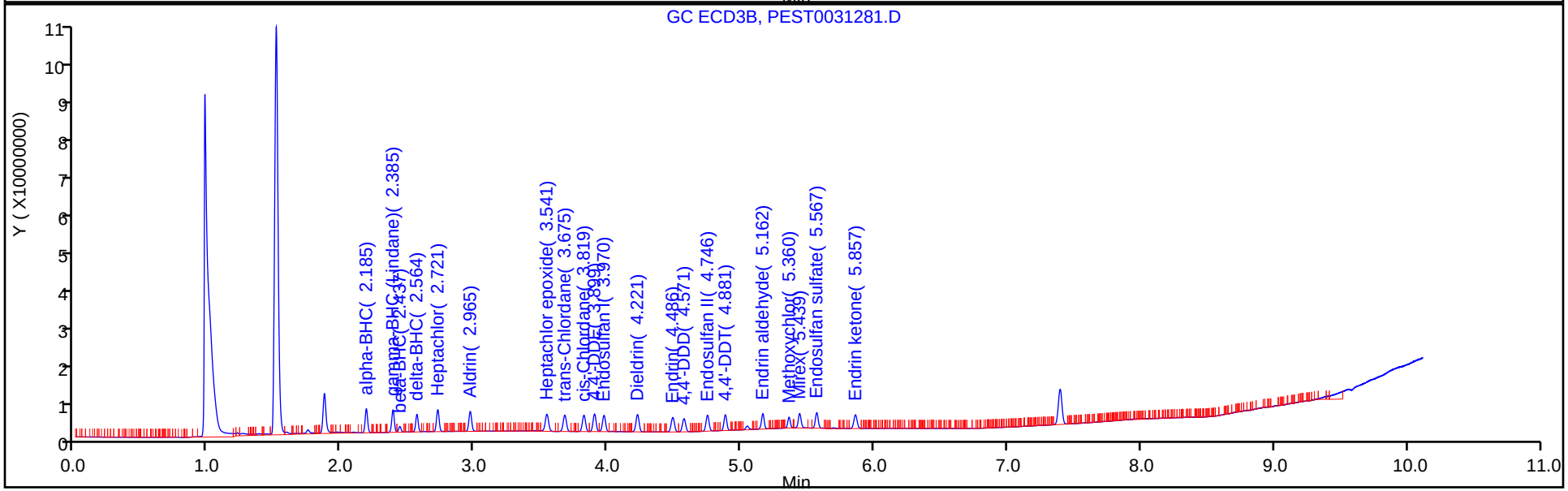
Report Date: 04-Oct-2021 05:19:33 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031281.D

Injection Date:	01-Oct-2021 07:47:42	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031282.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2021 08:00:01 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: P2
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:40 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:31:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.606	1.606	0.000	97148047	100.0	100.0	M
2	1.509	1.509	0.000	174781582	100.0	100.0	M
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.128	2.128	0.000	55995723	50.0	46.9	
2	1.871	1.870	0.001	107511659	50.0	47.3	M
						RPD = 0.86	
15 alpha-BHC							M
1	2.553	2.553	0.000	76948119	50.0	48.2	
2	2.185	2.185	0.000	146726979	50.0	48.5	M
						RPD = 0.61	
2 gamma-BHC (Lindane)							M
1	2.846	2.846	0.000	69273456	50.0	47.7	M
2	2.386	2.386	0.000	134264593	50.0	48.1	M
						RPD = 0.73	
6 beta-BHC							M
1	2.903	2.904	-0.001	31193007	50.0	53.9	M
2	2.437	2.437	0.000	57480471	50.0	54.7	M
						RPD = 1.39	
32 delta-BHC							M
1	3.190	3.191	-0.001	58694406	50.0	47.4	M
2	2.565	2.565	0.000	112068961	50.0	48.1	M
						RPD = 1.60	
18 Heptachlor							M
1	3.278	3.279	-0.001	64257385	50.0	47.3	M
2	2.721	2.722	-0.001	128358991	50.0	48.0	M
						RPD = 1.63	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.648	3.649	-0.001	63571063	50.0	47.3	
2	2.966	2.966	0.000	127895150	50.0	48.0	M
						RPD = 1.32	
12 Heptachlor epoxide							M
1	4.295	4.296	-0.001	56843670	50.0	47.4	
2	3.541	3.541	0.000	118721016	50.0	47.7	M
						RPD = 0.58	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	55458449	50.0	47.0	M
2	3.675	3.676	-0.001	119215602	50.0	47.9	
						RPD = 1.89	
23 cis-Chlordane							M
1	4.706	4.706	0.000	54237700	50.0	46.9	M
2	3.819	3.819	0.000	114397098	50.0	47.7	M
						RPD = 1.84	
7 Endosulfan I							M
1	4.774	4.775	-0.001	51701625	50.0	46.7	M
2	3.970	3.970	0.000	109865148	50.0	47.8	M
						RPD = 2.28	
25 4,4'-DDE							M
1	4.884	4.884	0.000	57340552	50.0	46.7	
2	3.898	3.899	-0.001	122461528	50.0	47.6	M
						RPD = 1.93	
30 Dieldrin							
1	5.056	5.056	0.000	59179931	50.0	47.5	
2	4.221	4.222	-0.001	122532187	50.0	48.2	
						RPD = 1.47	
20 Endrin							M
1	5.342	5.342	0.000	56583559	50.0	48.1	
2	4.487	4.487	0.000	115124042	50.0	48.9	M
						RPD = 1.62	
16 4,4'-DDD							M
1	5.452	5.452	0.000	48087995	50.0	47.2	
2	4.571	4.571	0.000	99800998	50.0	48.1	M
						RPD = 1.77	
11 Endosulfan II							
1	5.544	5.546	-0.002	45319412	50.0	42.9	
2	4.747	4.747	0.000	94775806	50.0	43.6	
						RPD = 1.49	
21 4,4'-DDT							
1	5.793	5.794	-0.001	44696278	50.0	46.2	
2	4.881	4.881	0.000	101199766	50.0	47.0	
						RPD = 1.80	
5 Endrin aldehyde							M
1	5.925	5.926	-0.001	37256084	50.0	44.7	M
2	5.162	5.162	0.000	84274416	50.0	45.9	
						RPD = 2.61	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.302	6.302	0.000	44109210	50.0	47.0	
2	5.567	5.567	0.000	105070053	50.0	49.1	
						RPD = 4.43	
10 Methoxychlor							M
1	6.851	6.853	-0.002	27192596	50.0	48.9	M
2	5.359	5.359	0.000	62002316	50.0	49.7	
						RPD = 1.60	
34 Mirex							M
1	7.053	7.052	0.001	38390725	50.0	47.8	M
2	5.439	5.438	0.001	84283072	50.0	46.9	
						RPD = 1.92	
13 Endrin ketone							M
1	7.138	7.138	0.000	44288954	50.0	47.1	M
2	5.857	5.858	-0.001	99052271	50.0	47.3	
						RPD = 0.29	
$ 24 DCB Decachlorobiphenyl							
1	8.376	8.377	-0.001	40882375	50.0	46.2	
2	7.394	7.395	-0.001	116170023	50.0	48.2	
						RPD = 4.06	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

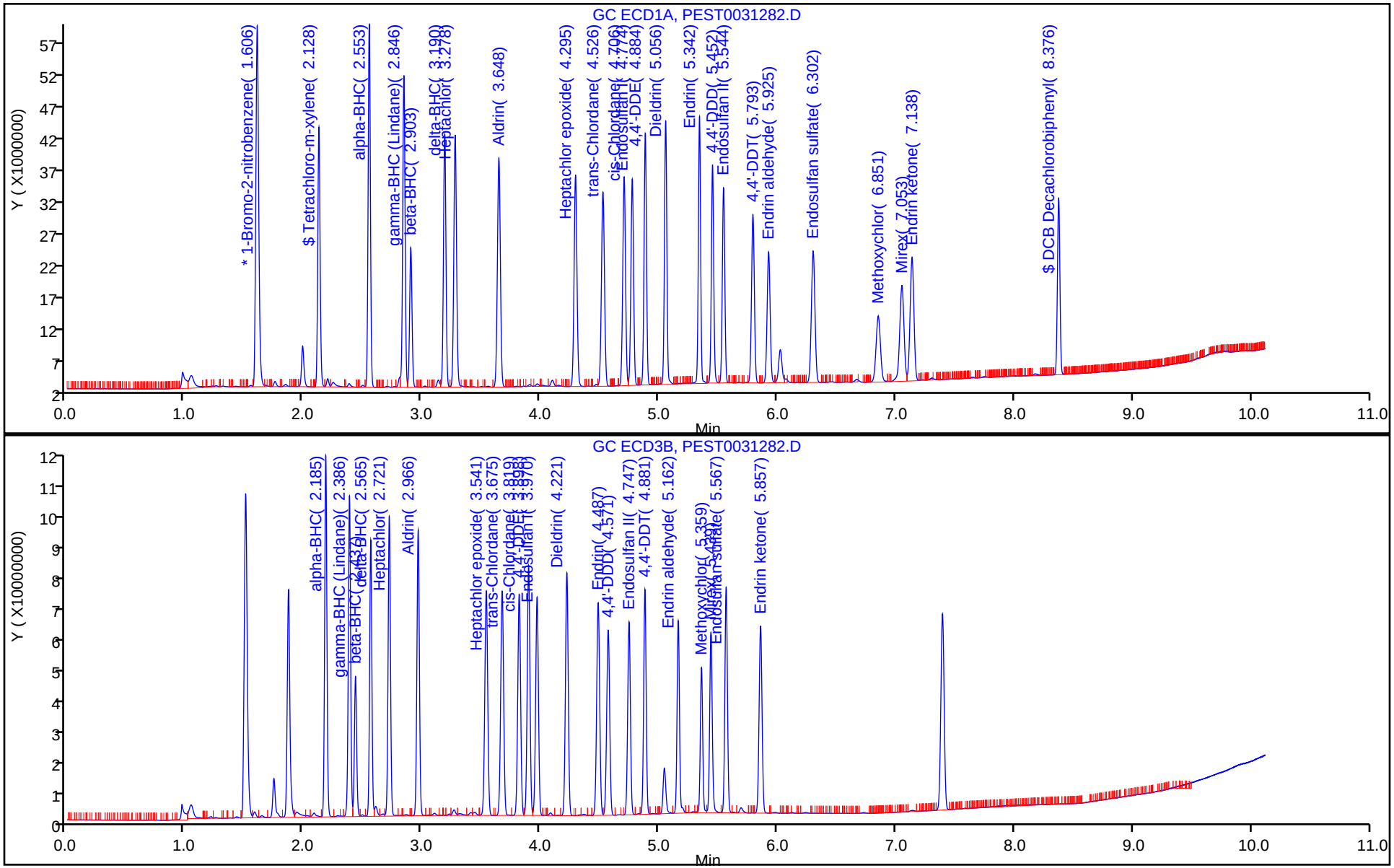
SGPESTL2_00038	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:42 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031282.D

Injection Date:	01-Oct-2021 08:00:01	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031283.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Oct-2021 08:12:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:19:51 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 08:30:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.607	1.606	0.001	89939326	100.0	100.0	
2	1.509	1.509	0.000	167552566	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.128	2.128	0.000	171365909	150.0	155.2	M
2	1.870	1.870	0.000	329202426	150.0	151.2	
						RPD = 2.57	
15 alpha-BHC							M
1	2.553	2.553	0.000	401419031	250.0	271.4	M
2	2.185	2.185	0.000	764911579	250.0	263.6	
						RPD = 2.94	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	357039925	250.0	265.6	M
2	2.386	2.386	0.000	696987860	250.0	260.2	M
						RPD = 2.04	
6 beta-BHC							M
1	2.904	2.904	0.000	153160947	250.0	285.9	M
2	2.436	2.437	-0.001	283269301	250.0	281.0	M
						RPD = 1.73	
32 delta-BHC							M
1	3.190	3.191	-0.001	318106090	250.0	277.3	M
2	2.565	2.565	0.000	601592900	250.0	269.5	
						RPD = 2.85	
18 Heptachlor							M
1	3.279	3.279	0.000	326745205	250.0	259.5	M
2	2.722	2.722	0.000	645219371	250.0	251.9	
						RPD = 3.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.648	3.649	-0.001	327861434	250.0	263.6	
2	2.966	2.966	0.000	655892473	250.0	256.5	
						RPD = 2.73	
12 Heptachlor epoxide							
1	4.295	4.296	-0.001	285806718	250.0	257.6	
2	3.540	3.541	-0.001	587091469	250.0	246.1	
						RPD = 4.57	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	284165350	250.0	260.2	M
2	3.675	3.676	-0.001	607046793	250.0	254.5	
						RPD = 2.22	
23 cis-Chlordane							M
1	4.706	4.706	0.000	275746624	250.0	257.4	M
2	3.819	3.819	0.000	581698332	250.0	253.2	M
						RPD = 1.63	
7 Endosulfan I							M
1	4.774	4.775	-0.001	264536559	250.0	258.1	M
2	3.970	3.970	0.000	556007884	250.0	252.2	M
						RPD = 2.30	
25 4,4'-DDE							M
1	4.885	4.884	0.001	299178026	250.0	263.2	
2	3.898	3.899	-0.001	635130183	250.0	257.6	M
						RPD = 2.16	
30 Dieldrin							
1	5.056	5.056	0.000	301592140	250.0	261.3	
2	4.221	4.222	-0.001	620356886	250.0	254.5	
						RPD = 2.67	
20 Endrin							
1	5.342	5.342	0.000	284583272	250.0	261.3	
2	4.486	4.487	-0.001	578801540	250.0	256.3	
						RPD = 1.90	
16 4,4'-DDD							
1	5.452	5.452	0.000	247633511	250.0	262.7	
2	4.570	4.571	-0.001	516054047	250.0	259.3	
						RPD = 1.30	
11 Endosulfan II							
1	5.545	5.546	-0.001	255048228	250.0	261.0	
2	4.746	4.747	-0.001	531369011	250.0	254.9	
						RPD = 2.38	
21 4,4'-DDT							
1	5.793	5.794	-0.001	236785336	250.0	264.2	
2	4.881	4.881	0.000	537063721	250.0	260.2	
						RPD = 1.51	
5 Endrin aldehyde							M
1	5.926	5.926	0.000	201686427	250.0	261.4	M
2	5.162	5.162	0.000	446355401	250.0	253.5	M
						RPD = 3.06	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.303	6.302	0.001	228077082	250.0	262.3	
2	5.567	5.567	0.000	530068376	250.0	258.4	
						RPD = 1.52	
10 Methoxychlor							M
1	6.852	6.853	-0.001	132681329	250.0	257.9	
2	5.359	5.359	0.000	299658668	250.0	250.7	M
						RPD = 2.84	
34 Mirex							M
1	7.052	7.052	0.000	191218325	250.0	257.2	M
2	5.438	5.438	0.000	430568701	250.0	249.9	M
						RPD = 2.88	
13 Endrin ketone							M
1	7.138	7.138	0.000	230173113	250.0	264.7	M
2	5.857	5.858	-0.001	509450368	250.0	253.7	
						RPD = 4.24	
$ 24 DCB Decachlorobiphenyl							
1	8.375	8.377	-0.002	121965419	150.0	149.0	
2	7.394	7.395	-0.001	350498213	150.0	151.6	
						RPD = 1.70	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

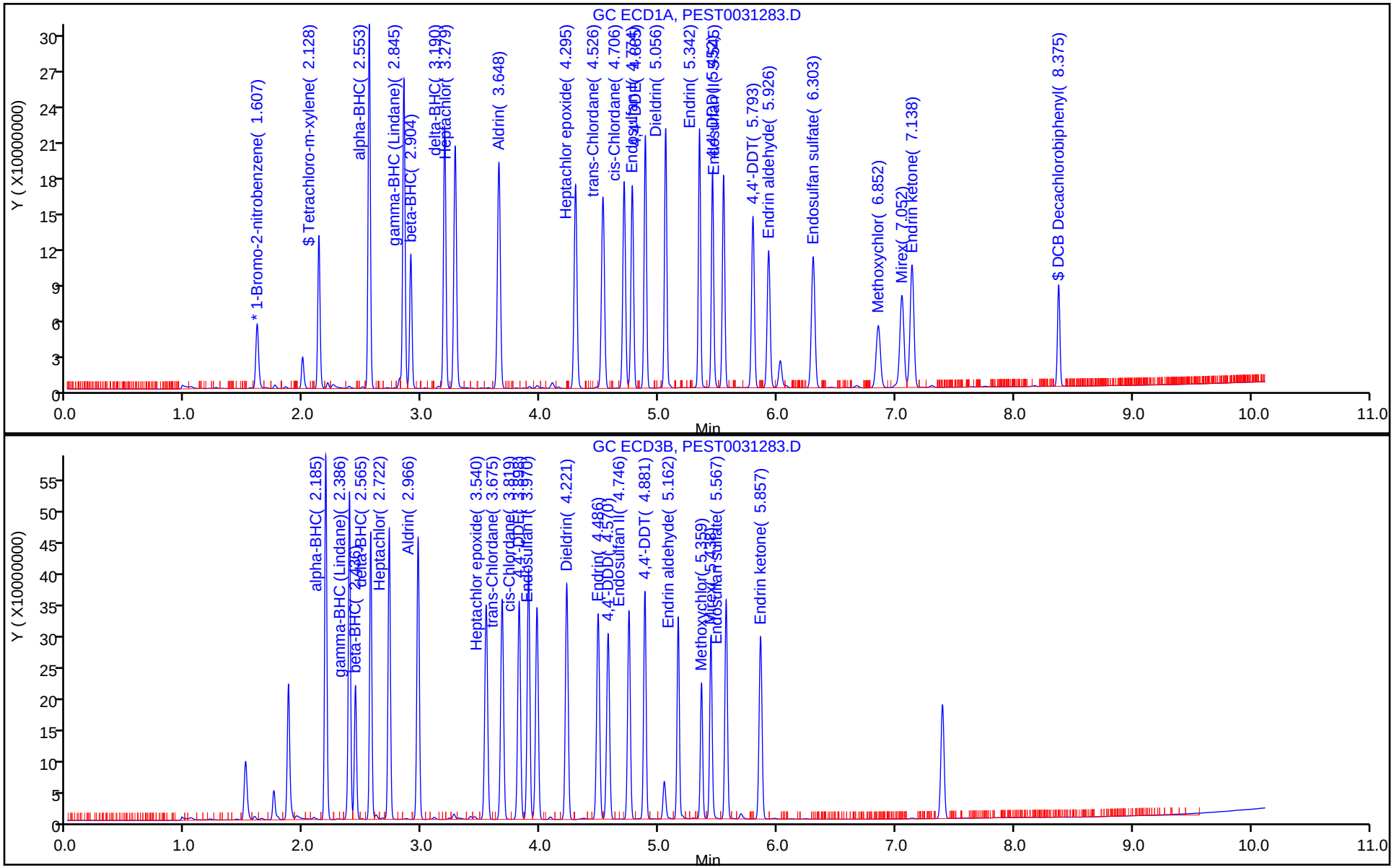
SGPESTL4_00036	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:19:53 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031283.D

Injection Date:	01-Oct-2021 08:12:24	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031284.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2021 08:24:43 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:20:02 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 09:03:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	89964248	100.0	100.0	
2	1.508	1.509	-0.001	165623858	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	217696603	200.0	197.0	
2	1.870	1.870	0.000	422280156	200.0	196.2	
						RPD = 0.42	
15 alpha-BHC							M
1	2.553	2.553	0.000	776841184	500.0	525.2	M
2	2.186	2.185	0.001	1499005232	500.0	522.5	
						RPD = 0.50	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	686205261	500.0	510.3	M
2	2.386	2.386	0.000	1360405205	500.0	513.8	M
						RPD = 0.69	
6 beta-BHC							M
1	2.903	2.904	-0.001	288533878	500.0	538.4	M
2	2.437	2.437	0.000	535652941	500.0	537.5	M
						RPD = 0.17	
32 delta-BHC							
1	3.190	3.191	-0.001	617631157	500.0	538.3	
2	2.566	2.565	0.001	1182601326	500.0	536.0	
						RPD = 0.42	
18 Heptachlor							
1	3.278	3.279	-0.001	617268268	500.0	490.2	
2	2.722	2.722	0.000	1230502617	500.0	485.9	
						RPD = 0.88	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.647	3.649	-0.002	623080709	500.0	500.9	
2	2.966	2.966	0.000	1255014494	500.0	496.6	
						RPD = 0.86	
12 Heptachlor epoxide							
1	4.295	4.296	-0.001	536152968	500.0	483.0	
2	3.541	3.541	0.000	1098908606	500.0	465.9	
						RPD = 3.61	
9 trans-Chlordane							M
1	4.526	4.528	-0.002	537102255	500.0	491.6	M
2	3.676	3.676	0.000	1153099954	500.0	489.0	
						RPD = 0.54	
23 cis-Chlordane							M
1	4.705	4.706	-0.001	520016371	500.0	485.2	M
2	3.819	3.819	0.000	1103023307	500.0	485.7	M
						RPD = 0.10	
7 Endosulfan I							M
1	4.774	4.775	-0.001	496614745	500.0	484.3	M
2	3.970	3.970	0.000	1043941878	500.0	479.0	M
						RPD = 1.10	
25 4,4'-DDE							M
1	4.884	4.884	0.000	561508508	500.0	493.8	
2	3.899	3.899	0.000	1201759363	500.0	493.0	M
						RPD = 0.16	
30 Dieldrin							
1	5.056	5.056	0.000	564876136	500.0	489.3	
2	4.221	4.222	-0.001	1164158999	500.0	483.1	
						RPD = 1.29	
20 Endrin							
1	5.342	5.342	0.000	532006942	500.0	488.3	
2	4.486	4.487	-0.001	1084707943	500.0	486.0	
						RPD = 0.47	
16 4,4'-DDD							
1	5.452	5.452	0.000	461498202	500.0	489.4	
2	4.570	4.571	-0.001	967937306	500.0	491.9	
						RPD = 0.52	
11 Endosulfan II							
1	5.545	5.546	-0.001	481495557	500.0	492.6	
2	4.747	4.747	0.000	1012289979	500.0	491.2	
						RPD = 0.28	
21 4,4'-DDT							
1	5.793	5.794	-0.001	440838611	500.0	491.7	
2	4.881	4.881	0.000	1019699998	500.0	499.8	
						RPD = 1.64	
5 Endrin aldehyde							
1	5.925	5.926	-0.001	370437734	500.0	480.0	
2	5.162	5.162	0.000	827530167	500.0	475.5	
						RPD = 0.94	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.301	6.302	-0.001	418448704	500.0	481.2	
2	5.568	5.567	0.001	984981961	500.0	485.7	
						RPD = 0.94	
10 Methoxychlor							
1	6.851	6.853	-0.002	238712606	500.0	463.9	
2	5.359	5.359	0.000	543676364	500.0	460.2	
						RPD = 0.81	
34 Mirex							M
1	7.051	7.052	-0.001	336633733	500.0	452.6	M
2	5.439	5.438	0.001	773535494	500.0	454.2	
						RPD = 0.34	
13 Endrin ketone							M
1	7.137	7.138	-0.001	423217723	500.0	486.5	M
2	5.858	5.858	0.000	943832230	500.0	475.5	
						RPD = 2.30	
$ 24 DCB Decachlorobiphenyl							
1	8.374	8.377	-0.003	150615915	200.0	184.0	
2	7.394	7.395	-0.001	435465047	200.0	190.5	
						RPD = 3.49	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

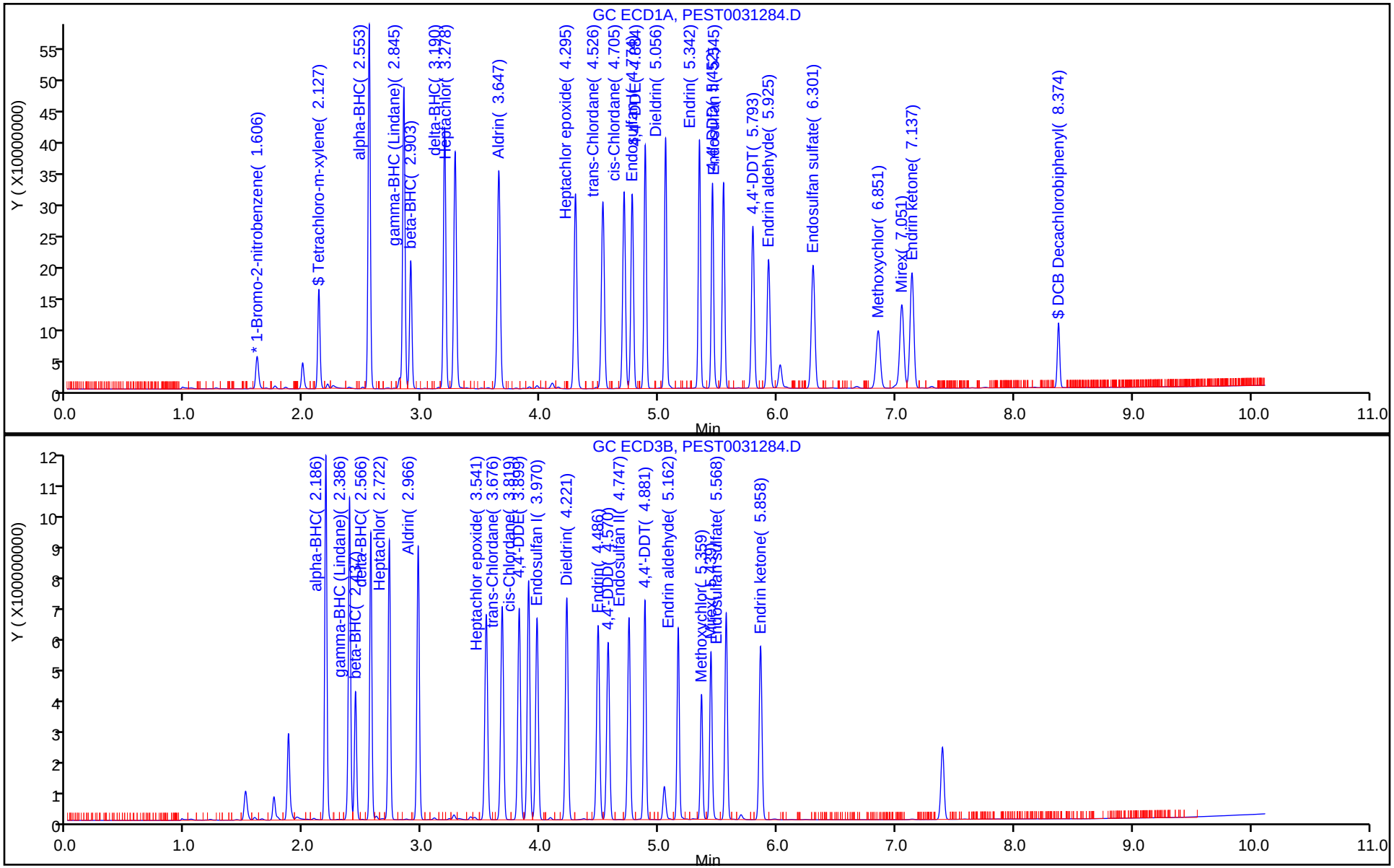
SGPESTL5_00037	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:20:05 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031284.D

Injection Date:	01-Oct-2021 08:24:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 10:15 Calibration End Date: 10/01/2021 11:04 Calibration ID: 87520

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/16	PEST0031293.D
Level 2	IC 460-804494/17	PEST0031294.D
Level 3	IC 460-804494/18	PEST0031295.D
Level 4	IC 460-804494/19	PEST0031296.D
Level 5	IC 460-804494/20	PEST0031297.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 2	0.0272	0.0259	0.0231	0.0227	0.0330	Ave		0.0264				15.8		20.0			
Toxaphene Peak 1	0.0467	0.0381	0.0333	0.0339	0.0507	Ave		0.0405				19.2		20.0			
Toxaphene Peak 3	0.0800	0.0746	0.0663	0.0658	0.0905	Ave		0.0754				13.7		20.0			
Toxaphene Peak 4	0.0450	0.0410	0.0369	0.0372	0.0561	Ave		0.0432				18.3		20.0			
Toxaphene Peak 5	0.0373	0.0337	0.0309	0.0323	0.0473	Ave		0.0363				18.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 10:15 Calibration End Date: 10/01/2021 11:04 Calibration ID: 87520

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/16	PEST0031293.D
Level 2	IC 460-804494/17	PEST0031294.D
Level 3	IC 460-804494/18	PEST0031295.D
Level 4	IC 460-804494/19	PEST0031296.D
Level 5	IC 460-804494/20	PEST0031297.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 2	BNB	Ave	1312151	12092127	20656592	32843399	76207113	50.0	500	1000	1500	2500
Toxaphene Peak 1	BNB	Ave	2249772	17791791	29719569	49080181	116865038	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	3858960	34788615	59193617	95249481	208671358	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	2169804	19111899	32909335	53889268	129477312	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Ave	1798252	15710124	27567961	46848661	109184688	50.0	500	1000	1500	2500

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031293.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Oct-2021 10:15:33 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-016
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:11 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:34:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.605	1.606	-0.001	96423081	100.0	100.0	
2	1.510	1.509	0.001	175206551	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	2249772	50.0	57.6	M
1	5.032	5.032	0.000	1312151	50.0	51.6	M
1	5.633	5.633	0.000	3858960	50.0	53.1	M
1	5.940	5.939	0.001	2169804	50.0	52.0	M
1	6.666	6.665	0.001	1798252	50.0	51.4	M
		Average of Peak Amounts =				53.1	
2	4.735	4.735	0.000	4428918	50.0	39.3	M
2	4.861	4.860	0.001	4048905	50.0	41.2	M
2	5.078	5.078	0.000	4645449	50.0	47.5	M
2	5.271	5.271	0.000	4648430	50.0	50.0	M
2	5.457	5.458	-0.001	5343037	50.0	51.4	M
		Average of Peak Amounts =				45.9	
						RPD = 14.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

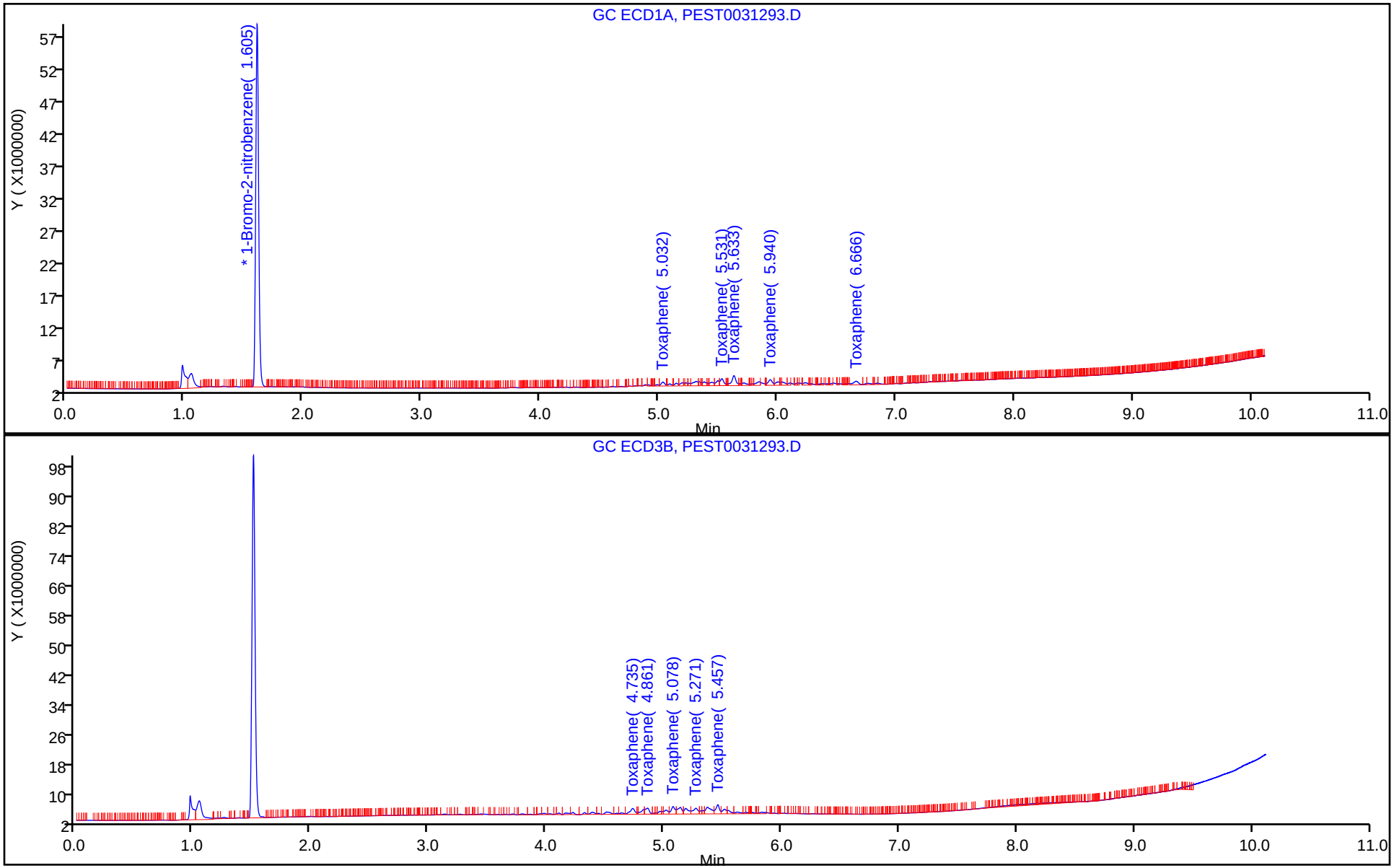
SGTOXAPHENEL1_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:13 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031293.D

Injection Date:	01-Oct-2021 10:15:33	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031294.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2021 10:27:50 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-017
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:23 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:41:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	93305447	100.0	100.0	
2	1.509	1.509	0.000	169842781	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.532	5.531	0.001	17791791	500.0	470.5	M
1	5.032	5.032	0.000	12092127	500.0	491.0	M
1	5.634	5.633	0.001	34788615	500.0	494.3	M
1	5.940	5.939	0.001	19111899	500.0	473.8	M
1	6.664	6.665	-0.001	15710124	500.0	463.8	M
		Average of Peak Amounts =				478.7	
2	4.734	4.735	-0.001	61576832	500.0	563.6	M
2	4.861	4.860	0.001	49491791	500.0	519.1	M
2	5.077	5.078	-0.001	48019970	500.0	506.6	M
2	5.271	5.271	0.000	44322807	500.0	491.6	M
2	5.458	5.458	0.000	50470718	500.0	501.1	M
		Average of Peak Amounts =				516.4	
						RPD = 7.59	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

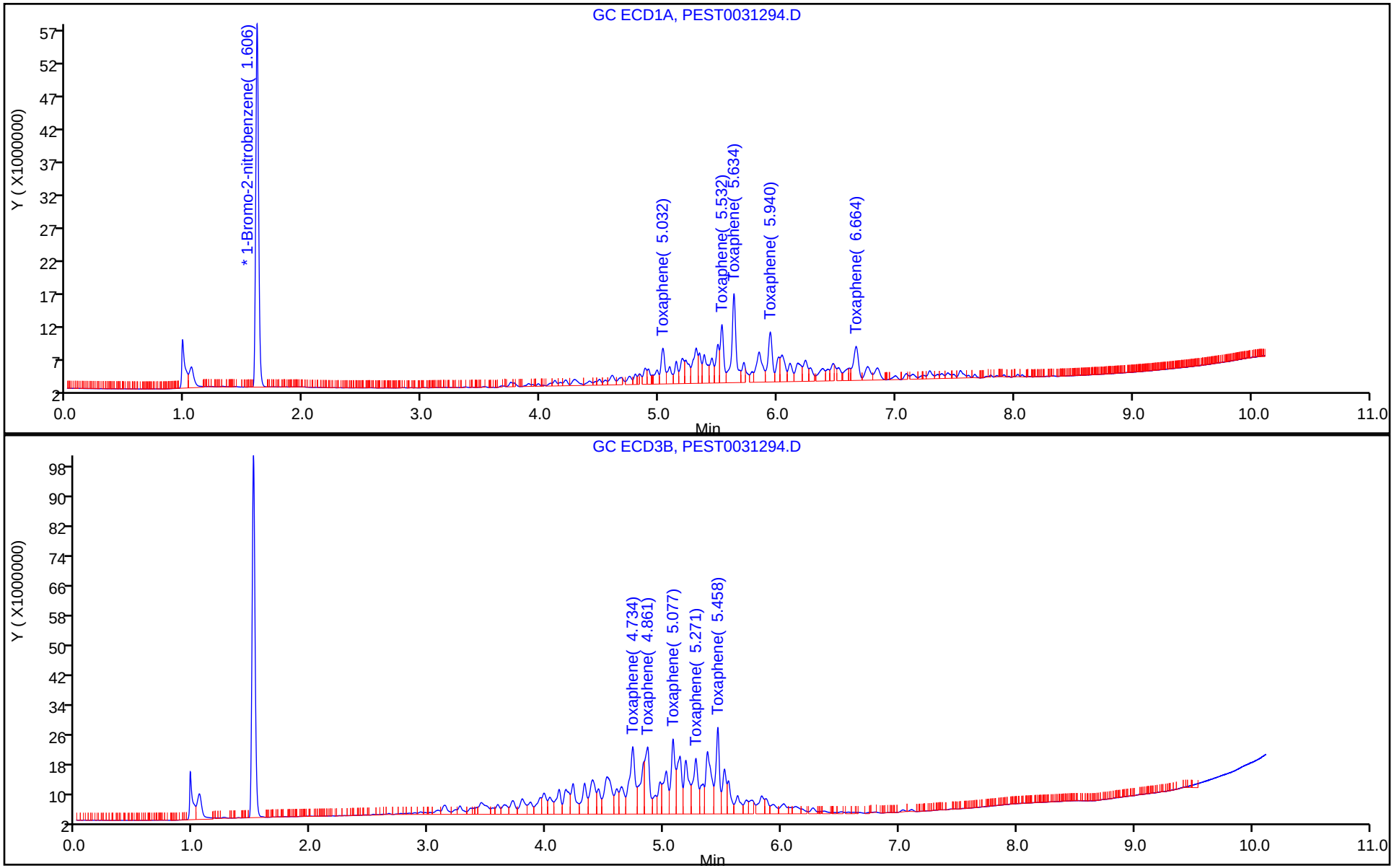
SGTOXAPHENEL3_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:24 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031294.D

Injection Date:	01-Oct-2021 10:27:50	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031295.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 01-Oct-2021 10:40:09 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-018
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:34 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:58:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	89264291	100.0	100.0	
2	1.509	1.509	0.000	163431402	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	29719569	1000.0	821.5	M
1	5.032	5.032	0.000	20656592	1000.0	876.7	M
1	5.633	5.633	0.000	59193617	1000.0	879.2	M
1	5.939	5.939	0.000	32909335	1000.0	852.8	M
1	6.665	6.665	0.000	27567961	1000.0	850.7	M
		Average of Peak Amounts =				856.2	
2	4.735	4.735	0.000	102163717	1000.0	971.8	M
2	4.860	4.860	0.000	83400574	1000.0	909.0	M
2	5.078	5.078	0.000	78631381	1000.0	862.1	M
2	5.271	5.271	0.000	74635724	1000.0	860.4	M
2	5.458	5.458	0.000	83268895	1000.0	859.2	M
		Average of Peak Amounts =				892.5	
						RPD = 4.16	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

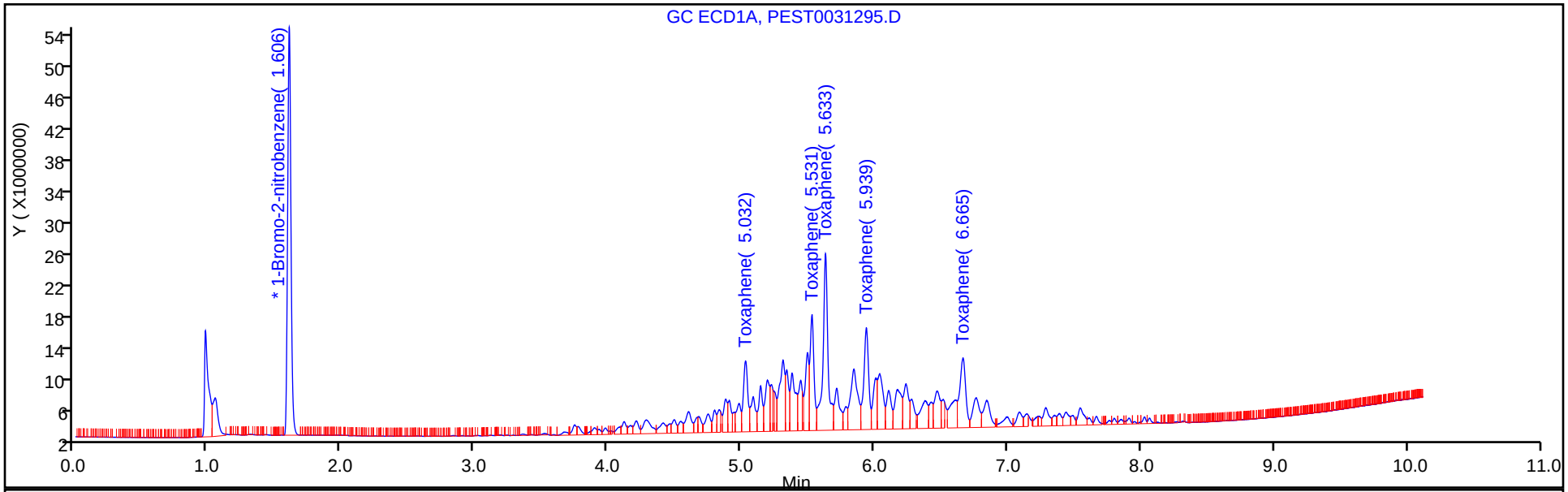
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

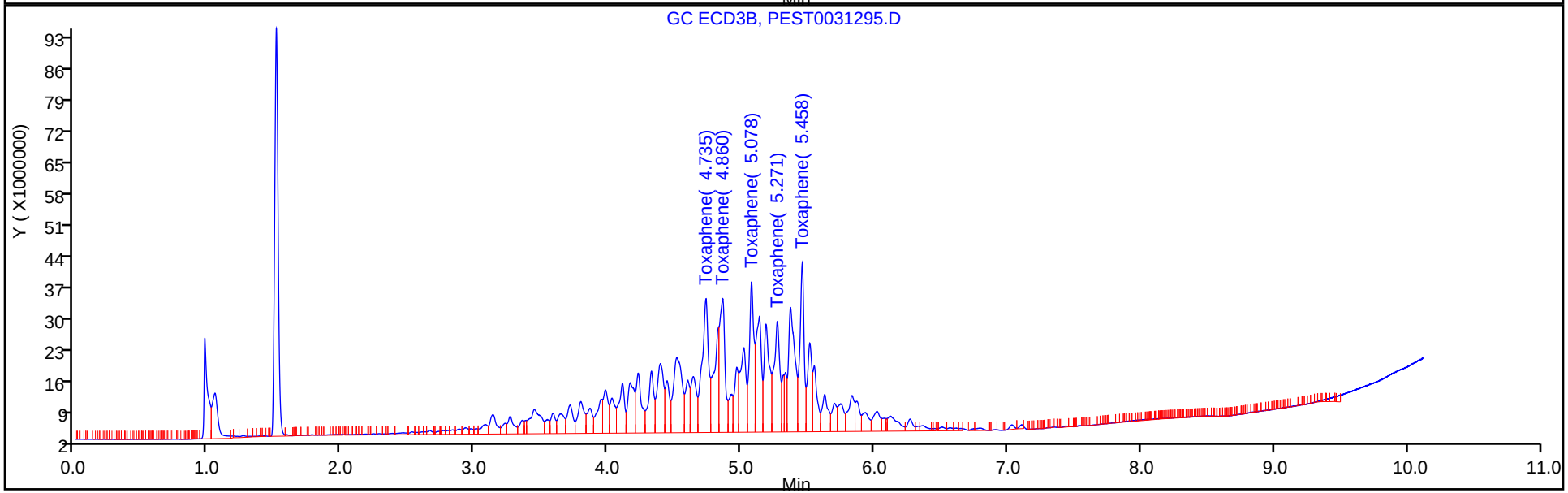
Report Date: 04-Oct-2021 05:21:36 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031295.D

Injection Date:	01-Oct-2021 10:40:09	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031296.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Oct-2021 10:52:25 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-019
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:45 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:08:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	96565087	100.0	100.0	
2	1.509	1.509	0.000	176666475	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	49080181	1500.0	1254.1	M
1	5.033	5.032	0.001	32843399	1500.0	1288.5	M
1	5.632	5.633	-0.001	95249481	1500.0	1307.7	M
1	5.940	5.939	0.001	53889268	1500.0	1290.8	M
1	6.664	6.665	-0.001	46848661	1500.0	1336.3	M
		Average of Peak Amounts =				1295.5	
2	4.734	4.735	-0.001	169449030	1500.0	1491.1	M
2	4.860	4.860	0.000	133866506	1500.0	1349.8	M
2	5.078	5.078	0.000	127744550	1500.0	1295.6	M
2	5.271	5.271	0.000	120568284	1500.0	1285.7	M
2	5.458	5.458	0.000	134206533	1500.0	1281.1	M
		Average of Peak Amounts =				1340.7	
						RPD = 3.43	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

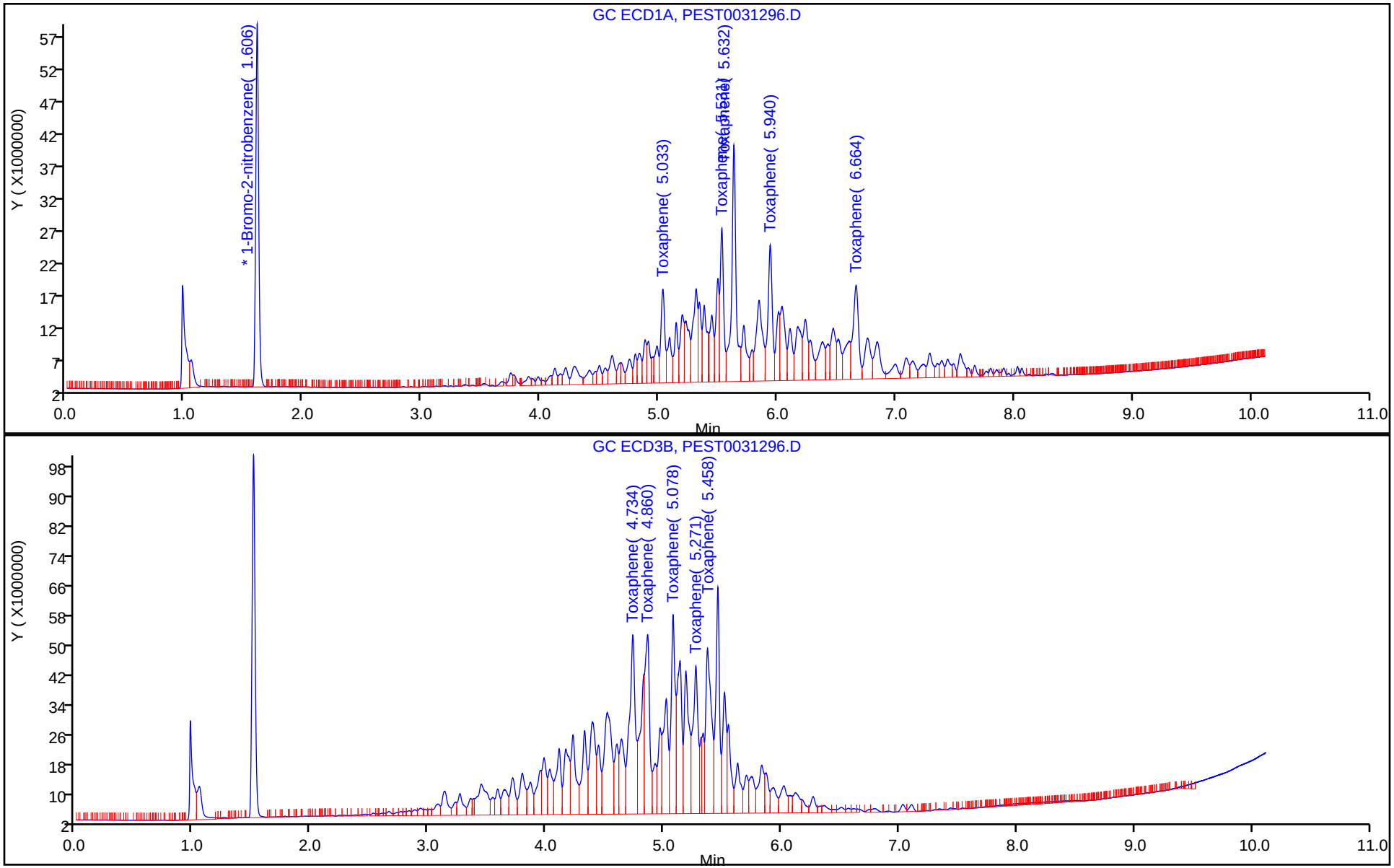
SGTOXAPHENEL5_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031296.D

Injection Date:	01-Oct-2021 10:52:25	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2021 11:04:40 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-020
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:57 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:19:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.606	1.606	0.000	92280735	100.0	100.0	
2	1.509	1.509	0.000	166866497	100.0	100.0	M
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	116865038	2500.0	3124.8	M
1	5.034	5.032	0.002	76207113	2500.0	3128.5	M
1	5.633	5.633	0.000	208671358	2500.0	2998.0	M
1	5.940	5.939	0.001	129477312	2500.0	3245.4	M
1	6.665	6.665	0.000	109184688	2500.0	3258.9	M
		Average of Peak Amounts =				3151.1	
2	4.735	4.735	0.000	300820170	2500.0	2802.5	M
2	4.862	4.860	0.002	311370714	2500.0	3324.0	M
2	5.077	5.078	-0.001	305189823	2500.0	3277.1	M
2	5.272	5.271	0.001	287746534	2500.0	3248.7	M
2	5.459	5.458	0.001	310667272	2500.0	3139.7	M
		Average of Peak Amounts =				3158.4	
						RPD = 0.23	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

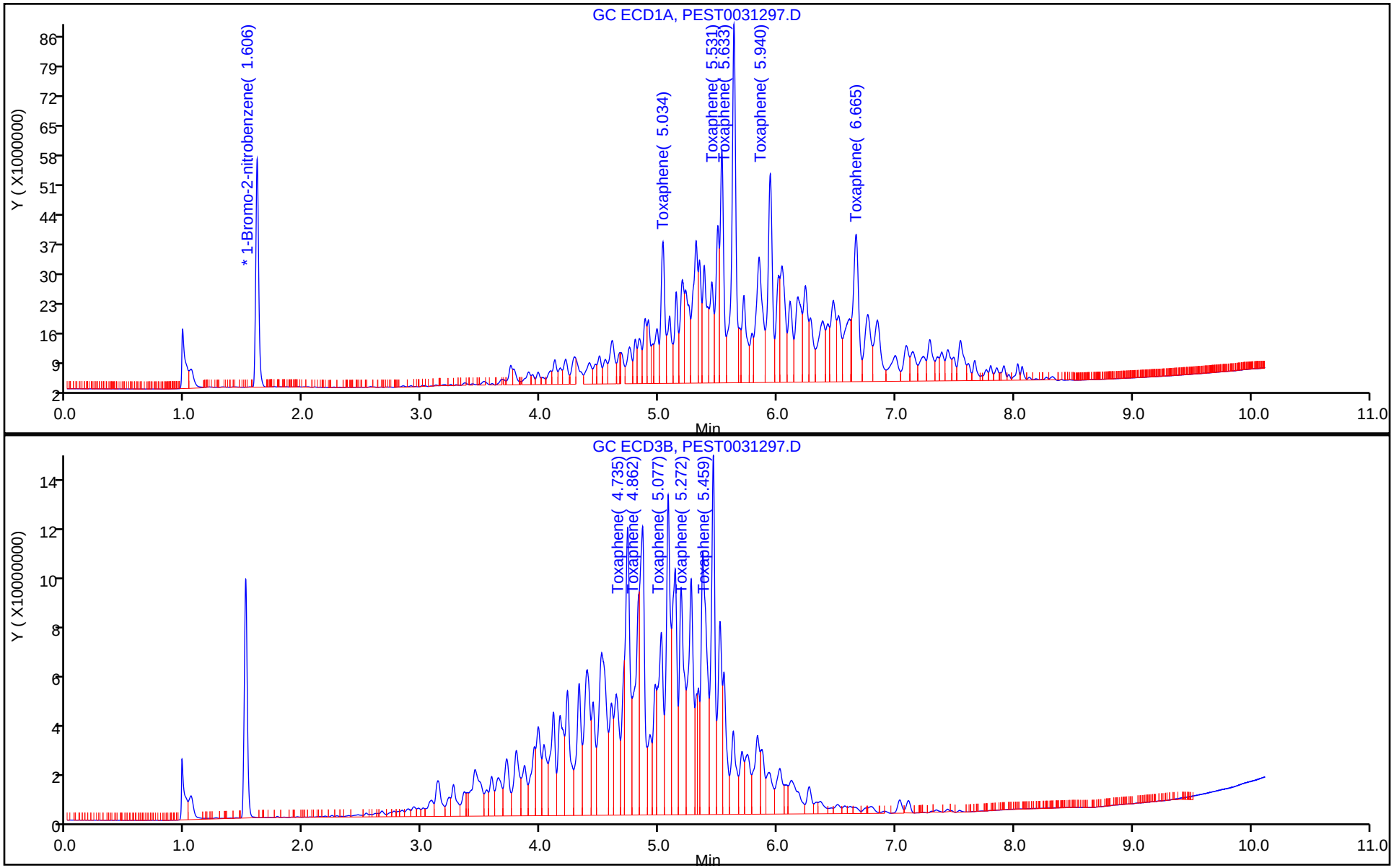
SGTOXAPHENEL6_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:59 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Injection Date:	01-Oct-2021 11:04:40	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 10:15 Calibration End Date: 10/01/2021 11:04 Calibration ID: 87521

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/16	PEST0031293.D
Level 2	IC 460-804494/17	PEST0031294.D
Level 3	IC 460-804494/18	PEST0031295.D
Level 4	IC 460-804494/19	PEST0031296.D
Level 5	IC 460-804494/20	PEST0031297.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0506	0.0725	0.0625	0.0639	0.0721	Ave		0.0643				13.9		20.0			
Toxaphene Peak 2	0.0462	0.0583	0.0510	0.0505	0.0746	Ave		0.0561				20.0		20.0			
Toxaphene Peak 3	0.0530	0.0565	0.0481	0.0482	0.0732	Ave		0.0558				18.5		20.0			
Toxaphene Peak 4	0.0531	0.0522	0.0457	0.0455	0.0690	Ave		0.0531				18.0		20.0			
Toxaphene Peak 5	0.0610	0.0594	0.0510	0.0506	0.0745	Ave		0.0593				16.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1 Analy Batch No.: 804494

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2021 10:15 Calibration End Date: 10/01/2021 11:04 Calibration ID: 87521

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-804494/16	PEST0031293.D
Level 2	IC 460-804494/17	PEST0031294.D
Level 3	IC 460-804494/18	PEST0031295.D
Level 4	IC 460-804494/19	PEST0031296.D
Level 5	IC 460-804494/20	PEST0031297.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	4428918	61576832	102163717	169449030	300820170	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	4048905	49491791	83400574	133866506	311370714	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	4645449	48019970	78631381	127744550	305189823	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	4648430	44322807	74635724	120568284	287746534	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Ave	5343037	50470718	83268895	134206533	310667272	50.0	500	1000	1500	2500

Curve Type Legend
Ave = Average ISTD

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031293.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 01-Oct-2021 10:15:33 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-016
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:11 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:34:27

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.605	1.606	-0.001	96423081	100.0	100.0	
2	1.510	1.509	0.001	175206551	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	2249772	50.0	57.6	M
1	5.032	5.032	0.000	1312151	50.0	51.6	M
1	5.633	5.633	0.000	3858960	50.0	53.1	M
1	5.940	5.939	0.001	2169804	50.0	52.0	M
1	6.666	6.665	0.001	1798252	50.0	51.4	M
		Average of Peak Amounts =				53.1	
2	4.735	4.735	0.000	4428918	50.0	39.3	M
2	4.861	4.860	0.001	4048905	50.0	41.2	M
2	5.078	5.078	0.000	4645449	50.0	47.5	M
2	5.271	5.271	0.000	4648430	50.0	50.0	M
2	5.457	5.458	-0.001	5343037	50.0	51.4	M
		Average of Peak Amounts =				45.9	
						RPD = 14.63	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

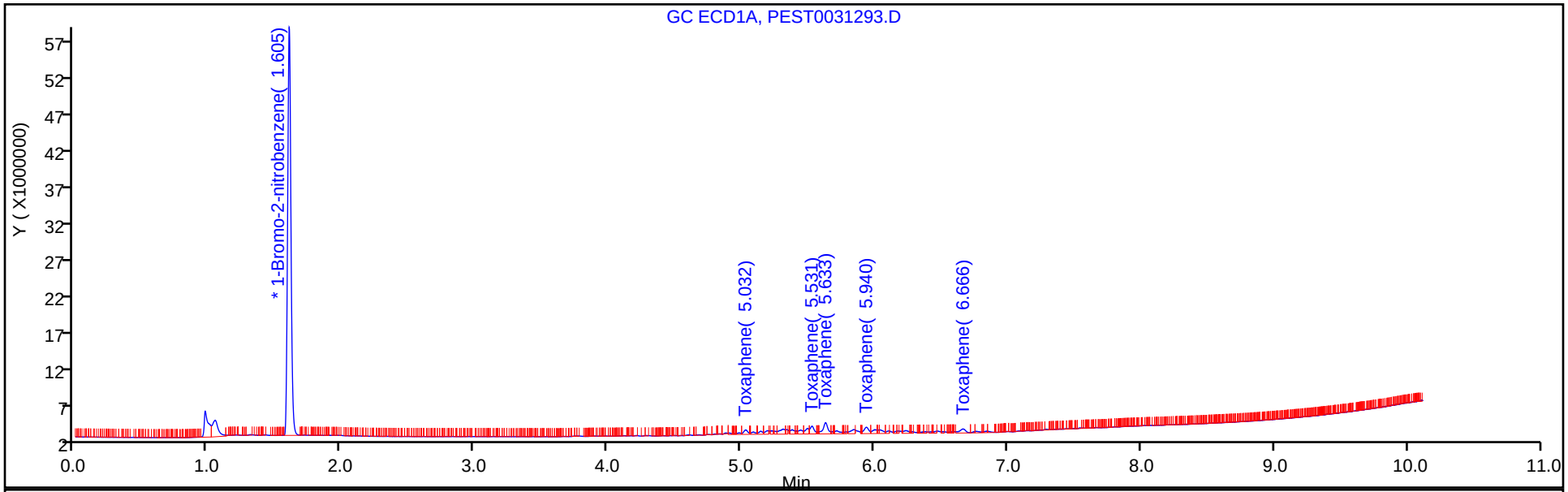
SGTOXAPHENEL1_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

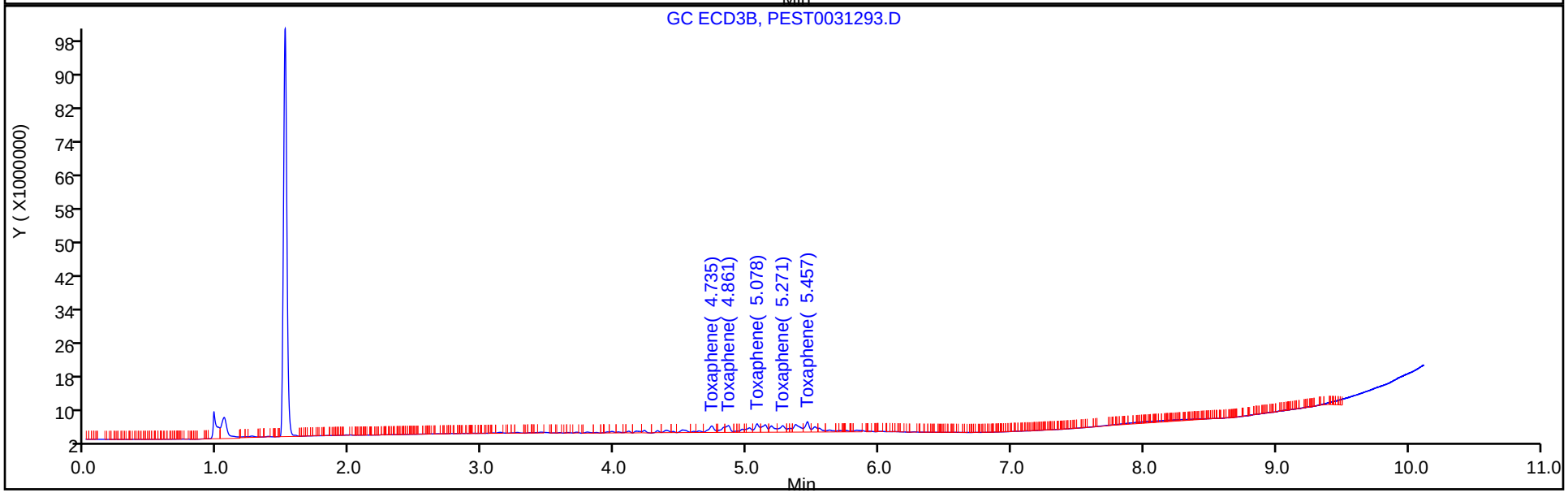
Report Date: 04-Oct-2021 05:21:14 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031293.D

Injection Date:	01-Oct-2021 10:15:33	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031294.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 01-Oct-2021 10:27:50 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-017
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:23 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:41:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	93305447	100.0	100.0	
2	1.509	1.509	0.000	169842781	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.532	5.531	0.001	17791791	500.0	470.5	M
1	5.032	5.032	0.000	12092127	500.0	491.0	M
1	5.634	5.633	0.001	34788615	500.0	494.3	M
1	5.940	5.939	0.001	19111899	500.0	473.8	M
1	6.664	6.665	-0.001	15710124	500.0	463.8	M
		Average of Peak Amounts =				478.7	
2	4.734	4.735	-0.001	61576832	500.0	563.6	M
2	4.861	4.860	0.001	49491791	500.0	519.1	M
2	5.077	5.078	-0.001	48019970	500.0	506.6	M
2	5.271	5.271	0.000	44322807	500.0	491.6	M
2	5.458	5.458	0.000	50470718	500.0	501.1	M
		Average of Peak Amounts =				516.4	
						RPD = 7.59	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

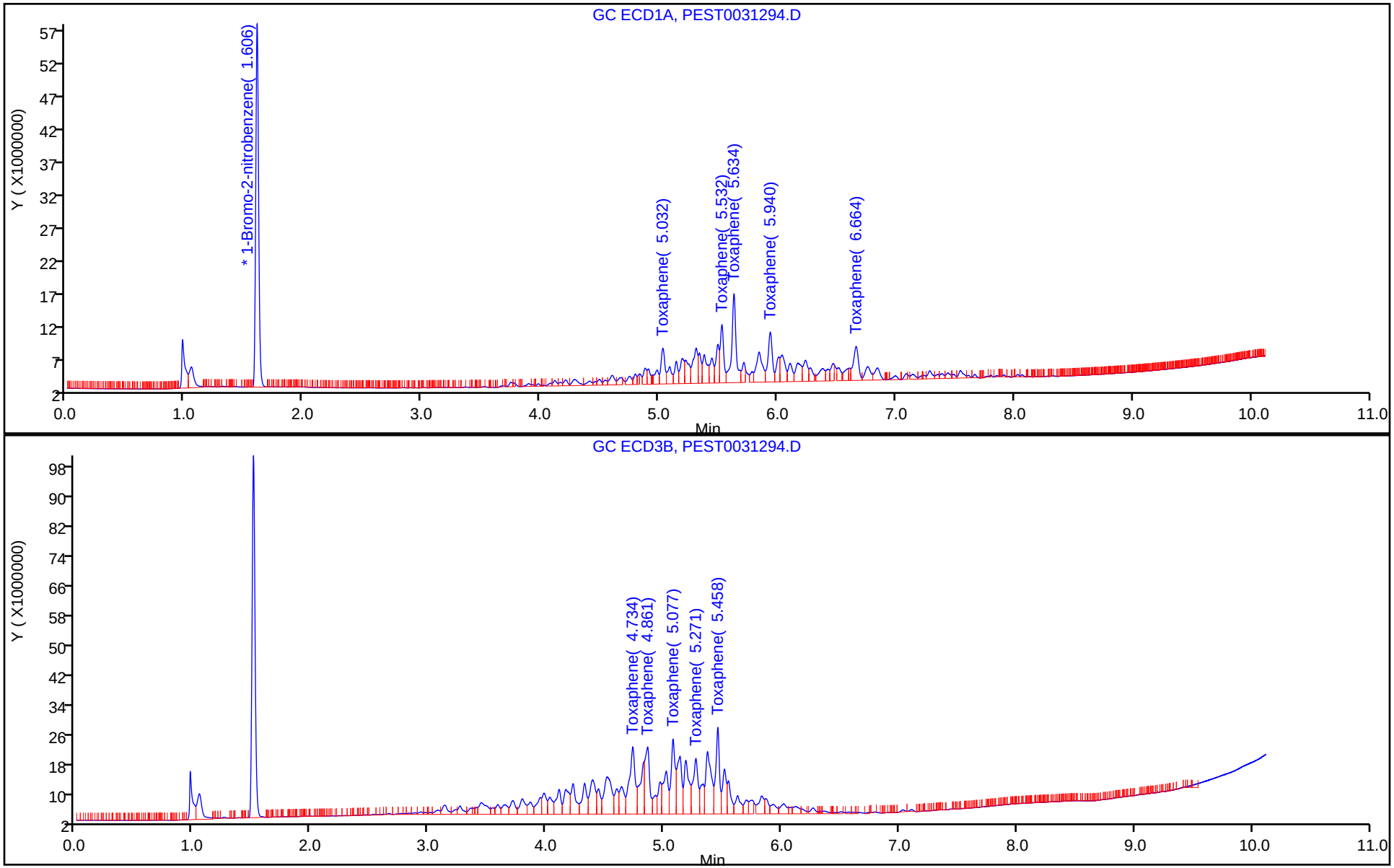
SGTOXAPHENEL3_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:26 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031294.D

Injection Date:	01-Oct-2021 10:27:50	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031295.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 01-Oct-2021 10:40:09 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-018
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:34 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:58:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	89264291	100.0	100.0	
2	1.509	1.509	0.000	163431402	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	29719569	1000.0	821.5	M
1	5.032	5.032	0.000	20656592	1000.0	876.7	M
1	5.633	5.633	0.000	59193617	1000.0	879.2	M
1	5.939	5.939	0.000	32909335	1000.0	852.8	M
1	6.665	6.665	0.000	27567961	1000.0	850.7	M
		Average of Peak Amounts =				856.2	
2	4.735	4.735	0.000	102163717	1000.0	971.8	M
2	4.860	4.860	0.000	83400574	1000.0	909.0	M
2	5.078	5.078	0.000	78631381	1000.0	862.1	M
2	5.271	5.271	0.000	74635724	1000.0	860.4	M
2	5.458	5.458	0.000	83268895	1000.0	859.2	M
		Average of Peak Amounts =				892.5	
						RPD = 4.16	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

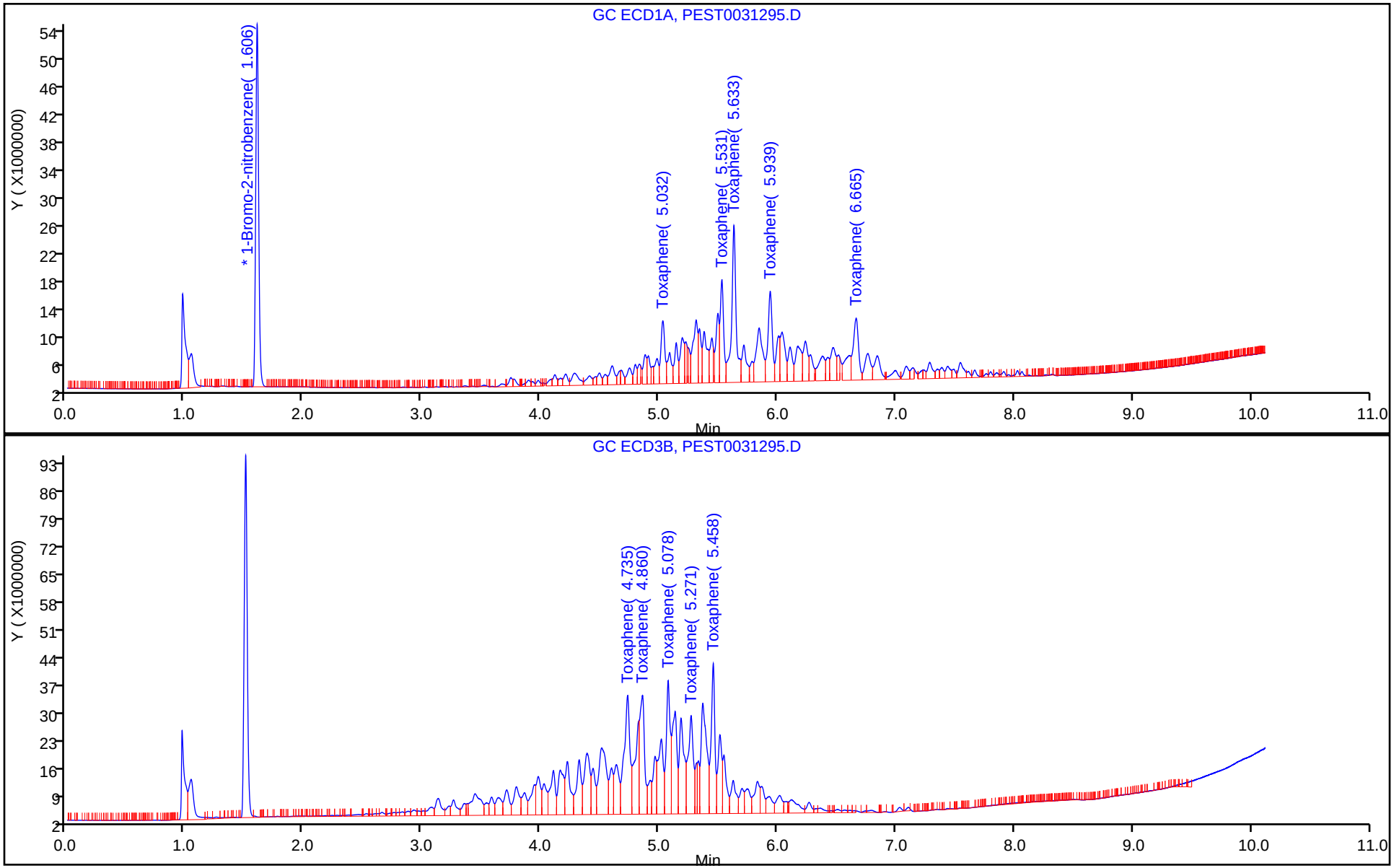
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:38 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031295.D

Injection Date:	01-Oct-2021 10:40:09	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031296.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 01-Oct-2021 10:52:25 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-019
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:45 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:08:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	96565087	100.0	100.0	
2	1.509	1.509	0.000	176666475	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	49080181	1500.0	1254.1	M
1	5.033	5.032	0.001	32843399	1500.0	1288.5	M
1	5.632	5.633	-0.001	95249481	1500.0	1307.7	M
1	5.940	5.939	0.001	53889268	1500.0	1290.8	M
1	6.664	6.665	-0.001	46848661	1500.0	1336.3	M
		Average of Peak Amounts =				1295.5	
2	4.734	4.735	-0.001	169449030	1500.0	1491.1	M
2	4.860	4.860	0.000	133866506	1500.0	1349.8	M
2	5.078	5.078	0.000	127744550	1500.0	1295.6	M
2	5.271	5.271	0.000	120568284	1500.0	1285.7	M
2	5.458	5.458	0.000	134206533	1500.0	1281.1	M
		Average of Peak Amounts =				1340.7	
						RPD = 3.43	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

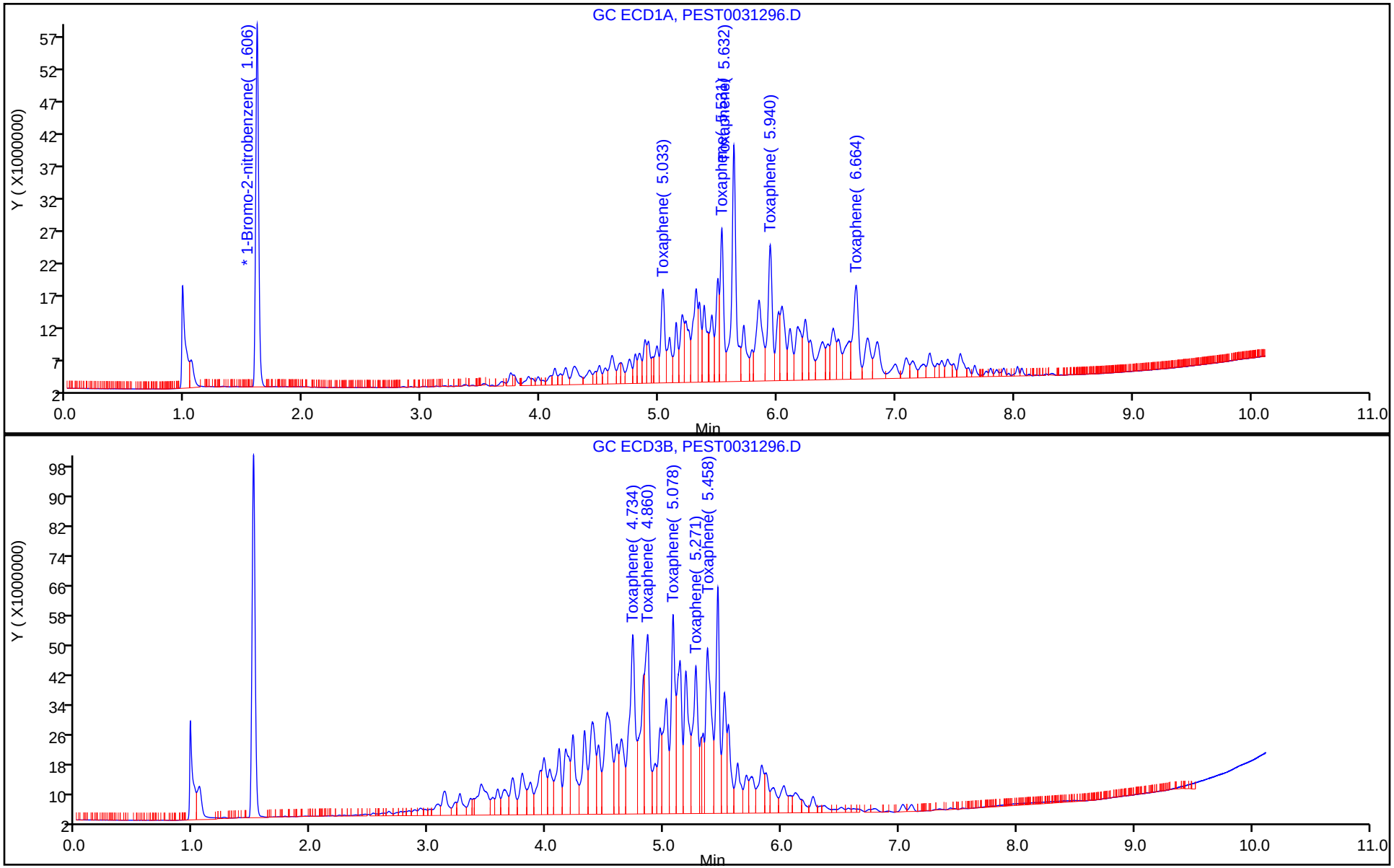
SGTOXAPHENEL5_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:21:48 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031296.D

Injection Date:	01-Oct-2021 10:52:25	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 01-Oct-2021 11:04:40 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-020
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 05:21:57 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:19:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.606	1.606	0.000	92280735	100.0	100.0	
2	1.509	1.509	0.000	166866497	100.0	100.0	M
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	116865038	2500.0	3124.8	M
1	5.034	5.032	0.002	76207113	2500.0	3128.5	M
1	5.633	5.633	0.000	208671358	2500.0	2998.0	M
1	5.940	5.939	0.001	129477312	2500.0	3245.4	M
1	6.665	6.665	0.000	109184688	2500.0	3258.9	M
		Average of Peak Amounts =				3151.1	
2	4.735	4.735	0.000	300820170	2500.0	2802.5	M
2	4.862	4.860	0.002	311370714	2500.0	3324.0	M
2	5.077	5.078	-0.001	305189823	2500.0	3277.1	M
2	5.272	5.271	0.001	287746534	2500.0	3248.7	M
2	5.459	5.458	0.001	310667272	2500.0	3139.7	M
		Average of Peak Amounts =				3158.4	
						RPD = 0.23	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

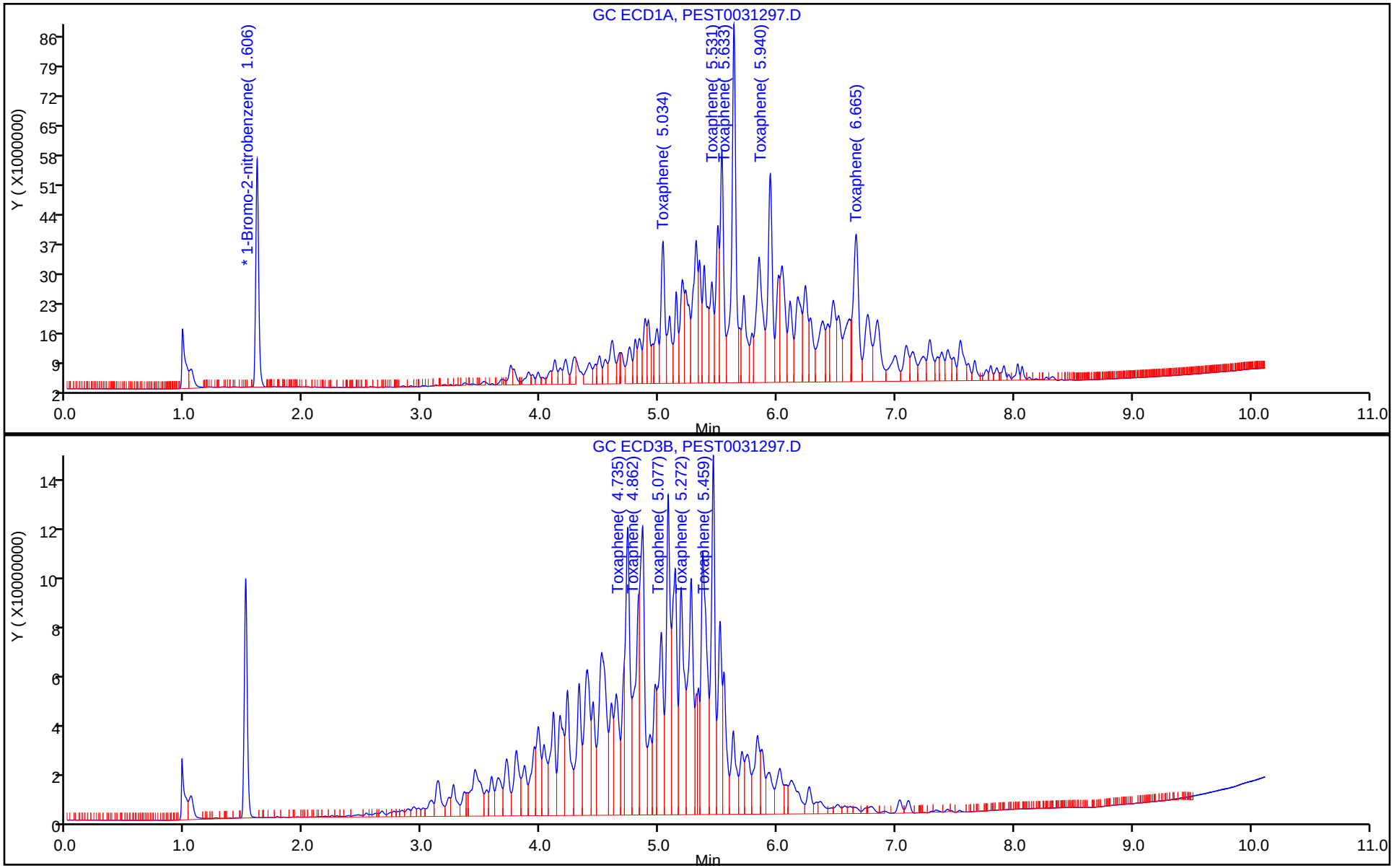
SGTOXAPHENEL6_00007 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 05:22:00 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Injection Date:	01-Oct-2021 11:04:40	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: PEM 460-810665/3 Calibration Date: 11/01/2021 14:26

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032128.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.29	344044469	6.37	15	
Endrin aldehyde	5.87	6938517			
Endrin ketone	7.06	16473481			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.74	296790704	5.27	15	
4,4'-DDD	5.41	12442232			
4,4'-DDE	4.83	4069241			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032128.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 01-Nov-2021 14:26:11 ALS Bottle#: 55 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-003
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:33 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	131074421	100.0	100.0	
2	1.497	1.497	0.000	173425223	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.828	4.827	0.001	4069241		2.46	
2	3.860	3.857	0.003	5778216		2.26	
						RPD = 8.15	
20 Endrin							
1	5.294	5.294	0.000	344044469	250.0	216.7	
2	4.445	4.444	0.001	541063043	250.0	231.5	
						RPD = 6.60	
16 4,4'-DDD							
1	5.405	5.404	0.001	12442232		9.06	
2	4.531	4.530	0.001	13878399		6.74	
						RPD = 29.37	
21 4,4'-DDT							
1	5.738	5.738	0.000	296790704	250.0	227.2	
2	4.847	4.847	0.000	498965799	250.0	233.6	
						RPD = 2.77	
5 Endrin aldehyde							
1	5.865	5.865	0.000	6938517		6.17	
2	5.131	5.129	0.002	9090803		4.99	
						RPD = 21.19	
13 Endrin ketone							
1	7.062	7.063	-0.001	16473481		13.0	
2	5.816	5.816	0.000	19483118		9.37	
						RPD = 32.40	

Reagents:

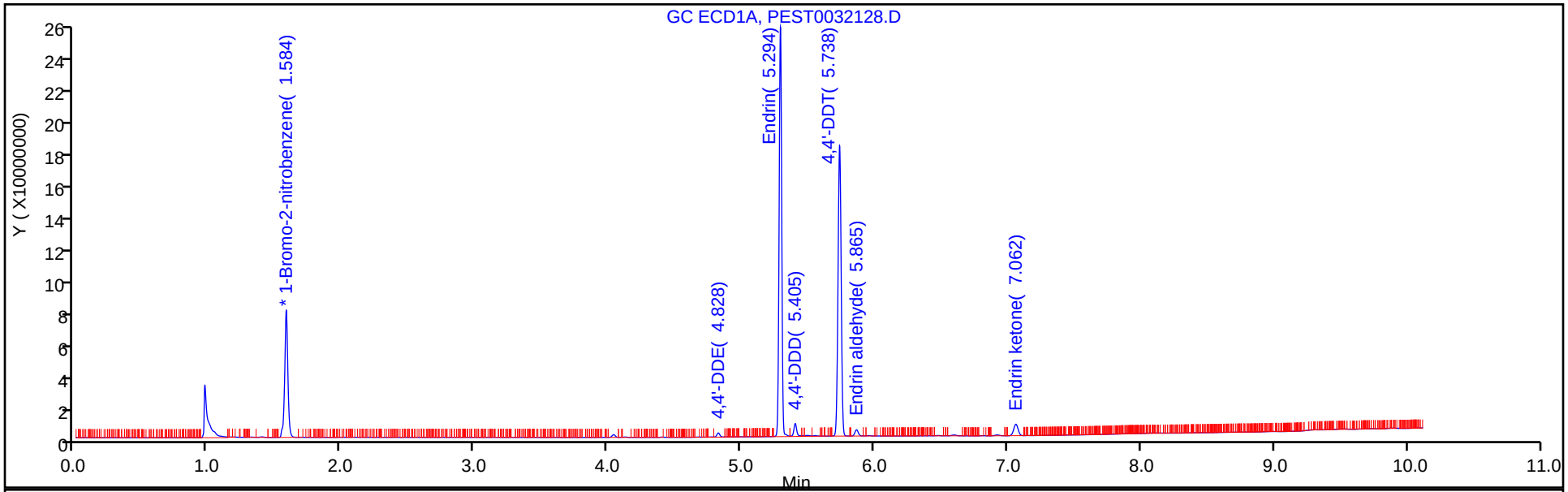
SGDDT/Ei_00040	Amount Added:	1.00	Units: mL	
SGPESTISTD_00017	Amount Added:	20.00	Units: uL	Run Reagent

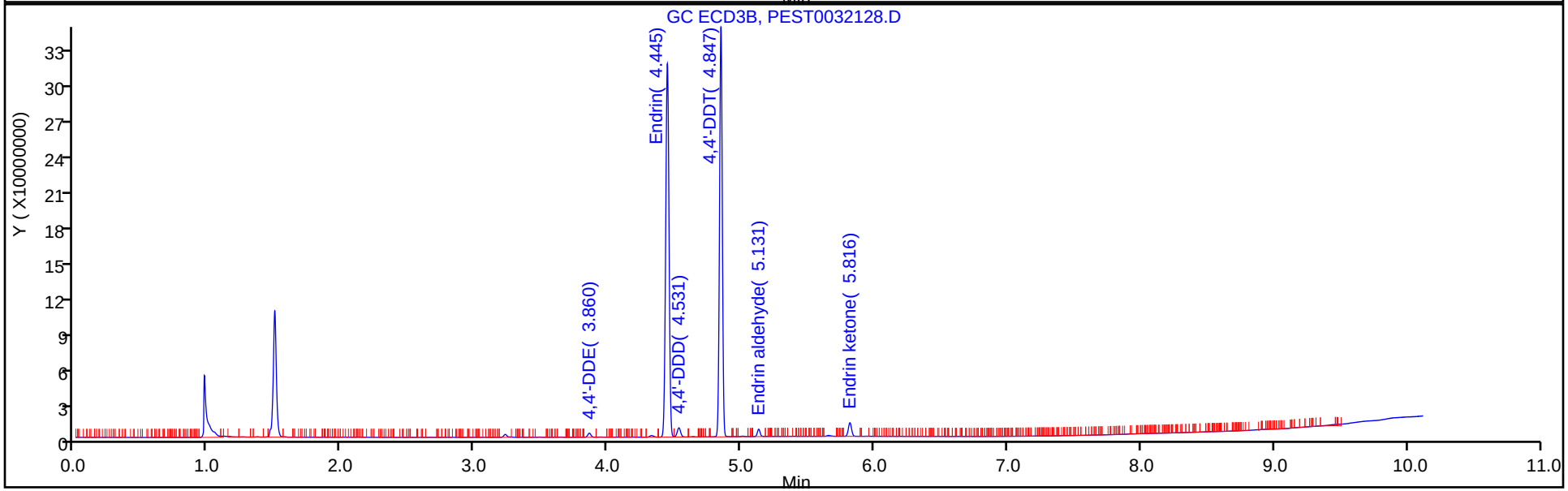
Report Date: 02-Nov-2021 04:01:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032128.D

Injection Date:	01-Nov-2021 14:26:11	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	55
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: PEM 460-810665/3 Calibration Date: 11/01/2021 14:26

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032128.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.45	541063043	5.02	15	
Endrin aldehyde	5.13	9090803			
Endrin ketone	5.82	19483118			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.85	498965799	3.79	15	
4,4'-DDD	4.53	13878399			
4,4'-DDE	3.86	5778216			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032128.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 01-Nov-2021 14:26:11 ALS Bottle#: 55 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-003
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:33 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	131074421	100.0	100.0	
2	1.497	1.497	0.000	173425223	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.828	4.827	0.001	4069241		2.46	
2	3.860	3.857	0.003	5778216		2.26	
						RPD = 8.15	
20 Endrin							
1	5.294	5.294	0.000	344044469	250.0	216.7	
2	4.445	4.444	0.001	541063043	250.0	231.5	
						RPD = 6.60	
16 4,4'-DDD							
1	5.405	5.404	0.001	12442232		9.06	
2	4.531	4.530	0.001	13878399		6.74	
						RPD = 29.37	
21 4,4'-DDT							
1	5.738	5.738	0.000	296790704	250.0	227.2	
2	4.847	4.847	0.000	498965799	250.0	233.6	
						RPD = 2.77	
5 Endrin aldehyde							
1	5.865	5.865	0.000	6938517		6.17	
2	5.131	5.129	0.002	9090803		4.99	
						RPD = 21.19	
13 Endrin ketone							
1	7.062	7.063	-0.001	16473481		13.0	
2	5.816	5.816	0.000	19483118		9.37	
						RPD = 32.40	

Reagents:

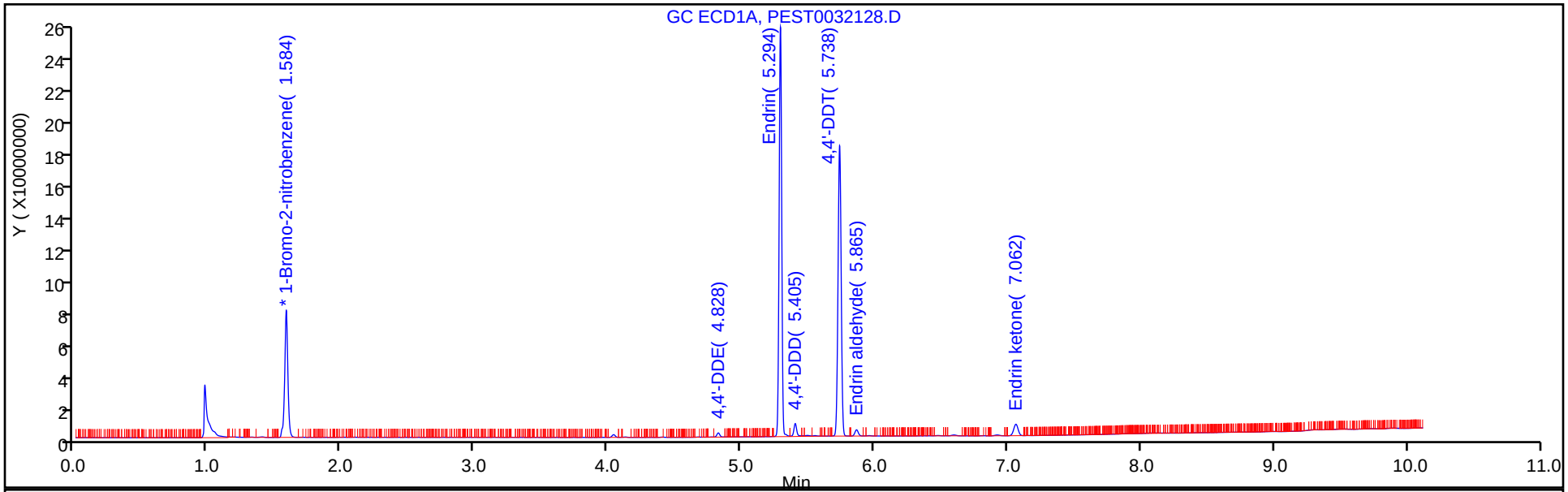
SGDDT/Ei_00040	Amount Added:	1.00	Units: mL	
SGPESTISTD_00017	Amount Added:	20.00	Units: uL	Run Reagent

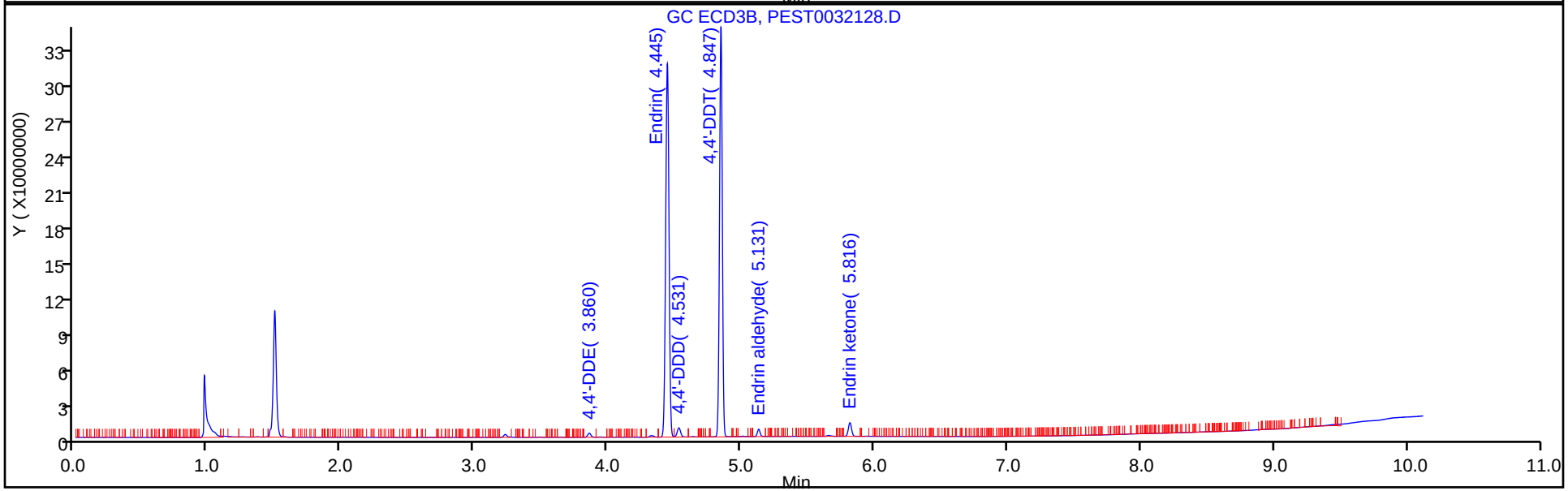
Report Date: 02-Nov-2021 04:01:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032128.D

Injection Date:	01-Nov-2021 14:26:11	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	55
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: PEM 460-810761/2 Calibration Date: 11/02/2021 03:41

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032154.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.30	354463704	2.65	15	
Endrin aldehyde	5.87	2937813			
Endrin ketone	7.06	6697063			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.74	300109643	2.60	15	
4,4'-DDD	5.41	5318082			
4,4'-DDE	4.83	2690265			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032154.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 02-Nov-2021 03:41:21 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-002
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:40:16 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	131146897	100.0	100.0	
2	1.498	1.499	-0.001	175434710	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.828	4.828	0.000	2690265		1.62	
2	3.860	3.860	0.000	3565477		1.38	
						RPD = 16.11	
20 Endrin							
1	5.295	5.295	0.000	354463704	250.0	223.2	
2	4.447	4.447	0.000	545363615	250.0	230.7	
						RPD = 3.31	
16 4,4'-DDD							
1	5.406	5.406	0.000	5318082		3.87	
2	4.533	4.532	0.001	3352433		1.61	
						RPD = 82.52	
21 4,4'-DDT							
1	5.739	5.740	-0.001	300109643	250.0	229.6	
2	4.849	4.849	0.000	491592411	250.0	227.5	
						RPD = 0.93	
5 Endrin aldehyde							
1	5.866	5.865	0.001	2937813		2.61	
2	5.132	5.131	0.001	3885103		2.11	
						RPD = 21.35	
13 Endrin ketone							
1	7.063	7.062	0.001	6697063		5.28	
2	5.817	5.816	0.001	6425124		3.06	
						RPD = 53.39	

Reagents:

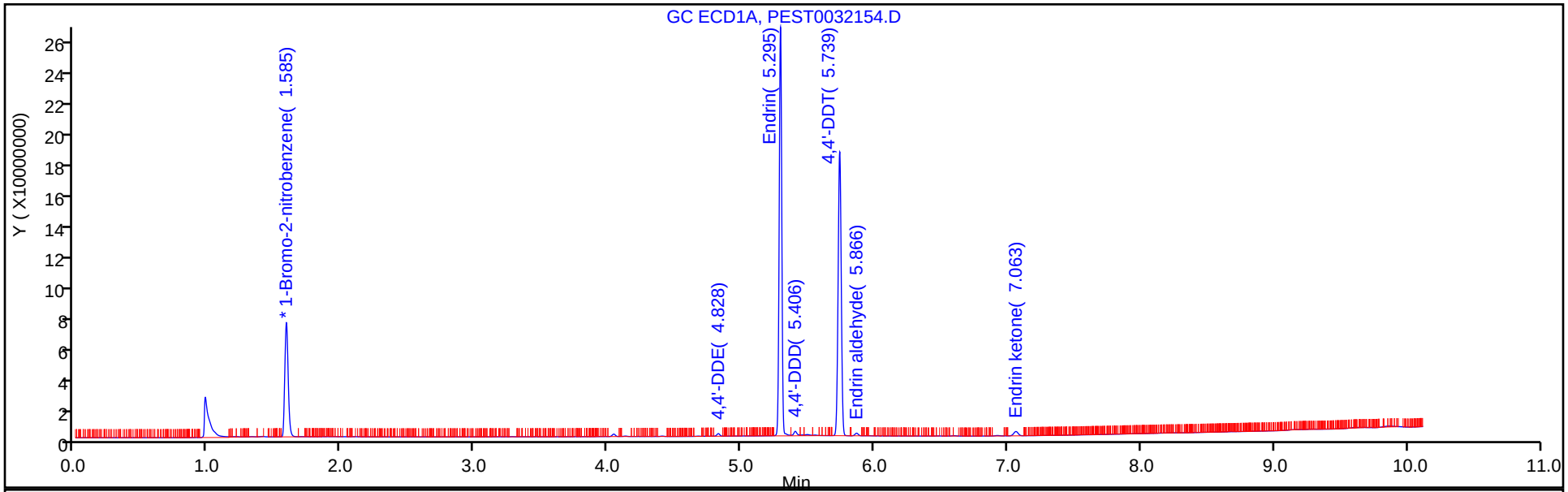
SGDDT/Ei_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

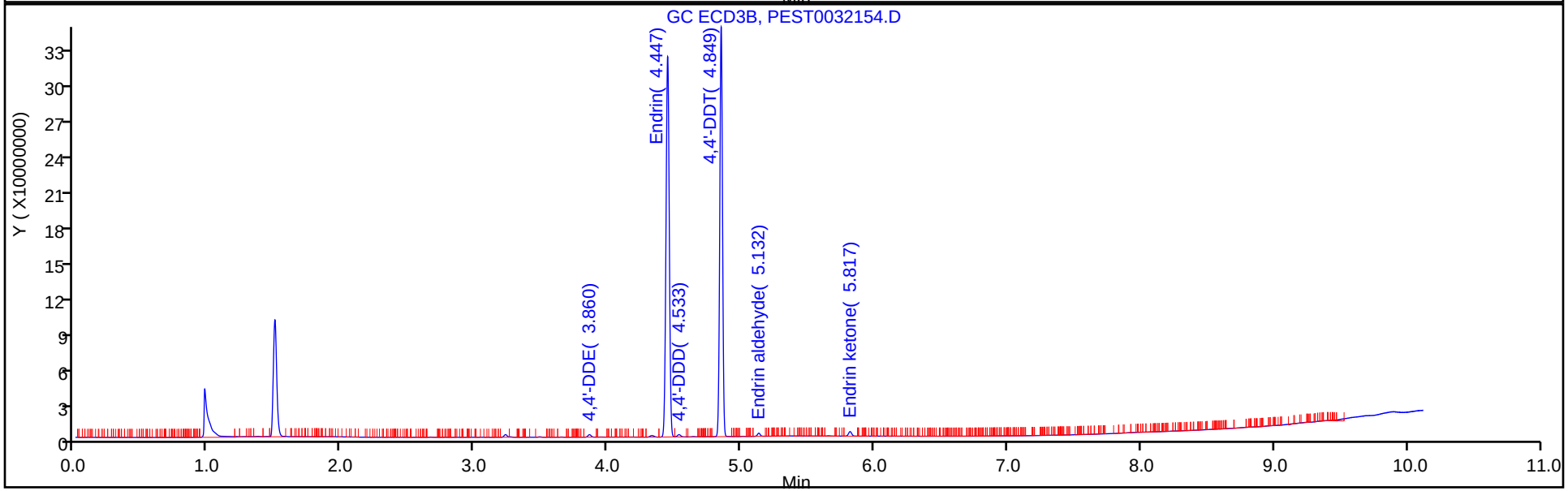
Report Date: 02-Nov-2021 06:41:51 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032154.D

Injection Date:	02-Nov-2021 03:41:21	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: PEM 460-810761/2 Calibration Date: 11/02/2021 03:41

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032154.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.45	545363615	1.86	15	
Endrin aldehyde	5.13	3885103			
Endrin ketone	5.82	6425124			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.85	491592411	1.39	15	
4,4'-DDD	4.53	3352433			
4,4'-DDE	3.86	3565477			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032154.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 02-Nov-2021 03:41:21 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-002
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:40:16 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	131146897	100.0	100.0	
2	1.498	1.499	-0.001	175434710	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.828	4.828	0.000	2690265		1.62	
2	3.860	3.860	0.000	3565477		1.38	
						RPD = 16.11	
20 Endrin							
1	5.295	5.295	0.000	354463704	250.0	223.2	
2	4.447	4.447	0.000	545363615	250.0	230.7	
						RPD = 3.31	
16 4,4'-DDD							
1	5.406	5.406	0.000	5318082		3.87	
2	4.533	4.532	0.001	3352433		1.61	
						RPD = 82.52	
21 4,4'-DDT							
1	5.739	5.740	-0.001	300109643	250.0	229.6	
2	4.849	4.849	0.000	491592411	250.0	227.5	
						RPD = 0.93	
5 Endrin aldehyde							
1	5.866	5.865	0.001	2937813		2.61	
2	5.132	5.131	0.001	3885103		2.11	
						RPD = 21.35	
13 Endrin ketone							
1	7.063	7.062	0.001	6697063		5.28	
2	5.817	5.816	0.001	6425124		3.06	
						RPD = 53.39	

Reagents:

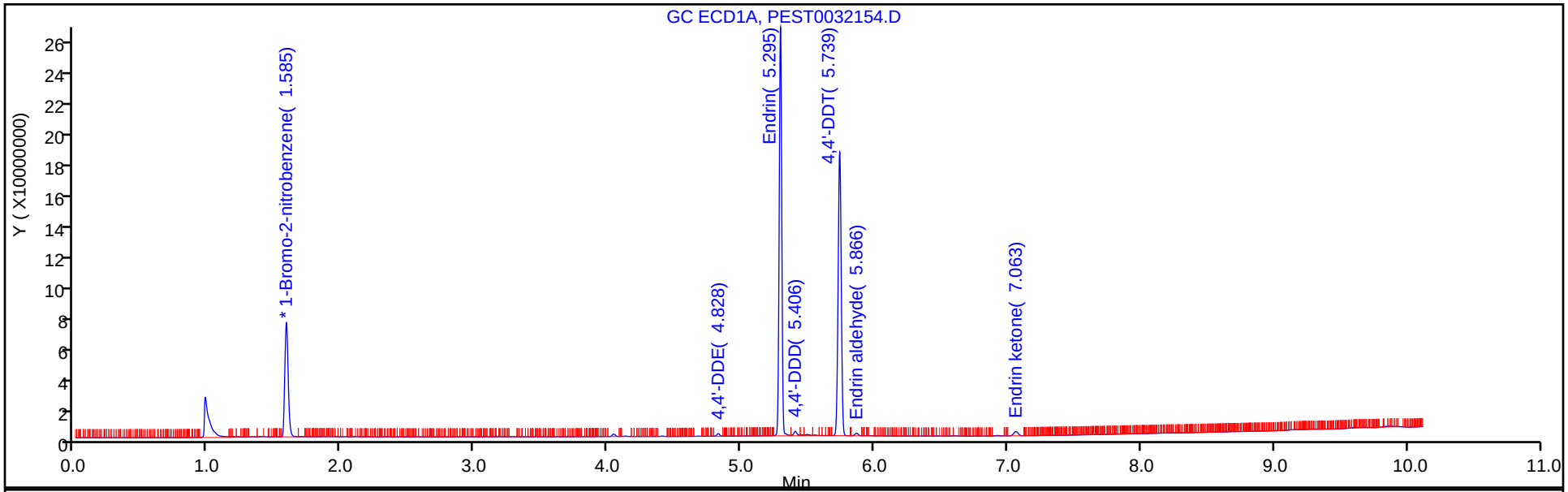
SGDDT/Ei_00040	Amount Added:	1.00	Units: mL	
SGPESTISTD_00017	Amount Added:	20.00	Units: uL	Run Reagent

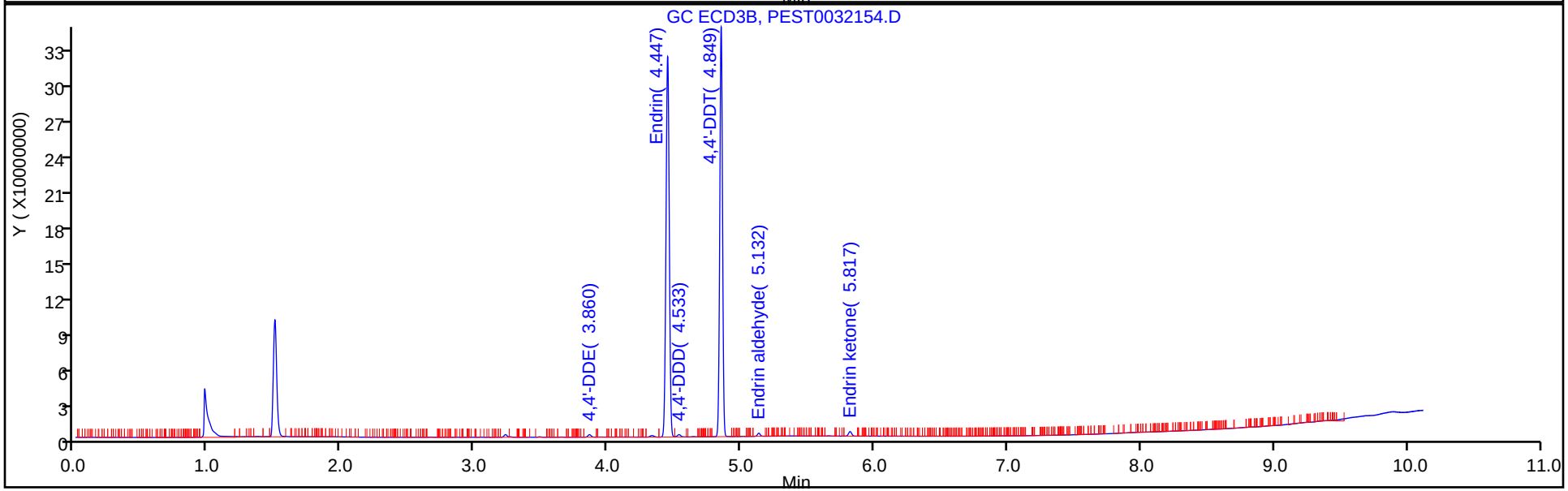
Report Date: 02-Nov-2021 06:41:52 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032154.D

Injection Date:	02-Nov-2021 03:41:21	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/9 Calibration Date: 10/01/2021 08:49

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0031286.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.644	1.609		97.9	100	-2.1	20.0
gamma-BHC (Lindane)	Ave	1.495	1.437		96.1	100	-3.9	20.0
beta-BHC	Ave	0.5957	0.6328		106	100	6.2	20.0
delta-BHC	Ave	1.275	1.239		97.2	100	-2.8	20.0
Heptachlor	Ave	1.400	1.337		95.5	100	-4.5	20.0
Aldrin	Ave	1.383	1.334		96.5	100	-3.5	20.0
Heptachlor epoxide	Ave	1.234	1.185		96.0	100	-4.0	20.0
trans-Chlordane	Ave	1.214	1.165		96.0	100	-4.0	20.0
cis-Chlordane	Ave	1.191	1.140		95.7	100	-4.3	20.0
Endosulfan I	Ave	1.140	1.074		94.2	100	-5.8	20.0
4,4'-DDE	Ave	1.264	1.227		97.1	100	-2.9	20.0
Dieldrin	Ave	1.283	1.246		97.1	100	-2.9	20.0
Endrin	Ave	1.211	1.184		97.8	100	-2.2	20.0
4,4'-DDD	Ave	1.048	1.022		97.5	100	-2.5	20.0
Endosulfan II	Ave	1.087	1.095		101	100	0.8	20.0
4,4'-DDT	Ave	0.997	0.9785		98.2	100	-1.8	20.0
Endrin aldehyde	Ave	0.8578	0.8521		99.3	100	-0.7	20.0
Endosulfan sulfate	Ave	0.9666	0.9451		97.8	100	-2.2	20.0
Methoxychlor	Ave	0.5719	0.5713		99.9	100	-0.1	20.0
Mirex	Ave	0.8267	0.8441		102	100	2.1	20.0
Endrin ketone	Ave	0.9669	0.9621		99.5	100	-0.5	20.0
Tetrachloro-m-xylene	Ave	1.228	1.199		97.6	100	-2.4	20.0
DCB Decachlorobiphenyl	Ave	0.9101	0.8912		97.9	100	-2.1	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/9 Calibration Date: 10/01/2021 08:49

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0031286.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.55	2.54	2.56
gamma-BHC (Lindane)	2.85	2.84	2.86
beta-BHC	2.90	2.89	2.91
delta-BHC	3.19	3.18	3.20
Heptachlor	3.28	3.27	3.29
Aldrin	3.65	3.64	3.66
Heptachlor epoxide	4.29	4.29	4.31
trans-Chlordane	4.53	4.52	4.54
cis-Chlordane	4.71	4.70	4.72
Endosulfan I	4.77	4.77	4.79
4,4'-DDE	4.88	4.87	4.89
Dieldrin	5.06	5.05	5.07
Endrin	5.34	5.33	5.35
4,4'-DDD	5.45	5.44	5.46
Endosulfan II	5.54	5.54	5.56
4,4'-DDT	5.79	5.78	5.80
Endrin aldehyde	5.92	5.92	5.94
Endosulfan sulfate	6.30	6.29	6.31
Methoxychlor	6.85	6.84	6.86
Mirex	7.05	7.04	7.06
Endrin ketone	7.14	7.13	7.15
Tetrachloro-m-xylene	2.13	2.12	2.14
DCB Decachlorobiphenyl	8.37	8.37	8.39

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031286.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 08:49:19 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 09:05:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	90653235	100.0	100.0	
2	1.509	1.509	0.000	165085994	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	108664792	100.0	97.6	
2	1.870	1.870	0.000	209170181	100.0	97.5	
						RPD = 0.10	
15 alpha-BHC							
1	2.552	2.553	-0.001	145865065	100.0	97.9	
2	2.186	2.185	0.001	280313096	100.0	98.0	
						RPD = 0.18	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	130248584	100.0	96.1	M
2	2.386	2.386	0.000	256935749	100.0	97.4	M
						RPD = 1.28	
6 beta-BHC							M
1	2.903	2.904	-0.001	57367963	100.0	106.2	M
2	2.437	2.437	0.000	106899610	100.0	107.6	M
						RPD = 1.29	
32 delta-BHC							
1	3.189	3.191	-0.002	112349989	100.0	97.2	
2	2.565	2.565	0.000	215947370	100.0	98.2	
						RPD = 1.05	
18 Heptachlor							
1	3.278	3.279	-0.001	121204667	100.0	95.5	
2	2.722	2.722	0.000	242564459	100.0	96.1	
						RPD = 0.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.646	3.649	-0.003	120968475	100.0	96.5	
2	2.966	2.966	0.000	244819769	100.0	97.2	
						RPD = 0.70	
12 Heptachlor epoxide							
1	4.294	4.296	-0.002	107389269	100.0	96.0	
2	3.540	3.541	-0.001	224276887	100.0	95.4	
						RPD = 0.64	
9 trans-Chlordane							M
1	4.525	4.528	-0.003	105655976	100.0	96.0	M
2	3.675	3.676	-0.001	227569044	100.0	96.8	M
						RPD = 0.87	
23 cis-Chlordane							M
1	4.705	4.706	-0.001	103310443	100.0	95.7	M
2	3.818	3.819	-0.001	217996184	100.0	96.3	M
						RPD = 0.67	
7 Endosulfan I							M
1	4.773	4.775	-0.002	97374221	100.0	94.2	M
2	3.970	3.970	0.000	207126633	100.0	95.4	M
						RPD = 1.17	
25 4,4'-DDE							M
1	4.883	4.884	-0.001	111208347	100.0	97.1	
2	3.898	3.899	-0.001	233868806	100.0	96.3	M
						RPD = 0.83	
30 Dieldrin							
1	5.055	5.056	-0.001	112923890	100.0	97.1	
2	4.221	4.222	-0.001	228269068	100.0	95.0	
						RPD = 2.14	
20 Endrin							
1	5.341	5.342	-0.001	107344936	100.0	97.8	
2	4.485	4.487	-0.002	219719865	100.0	98.8	
						RPD = 1.01	
16 4,4'-DDD							
1	5.451	5.452	-0.001	92683274	100.0	97.5	
2	4.570	4.571	-0.001	188941832	100.0	96.3	
						RPD = 1.23	
11 Endosulfan II							
1	5.544	5.546	-0.002	99240818	100.0	100.8	
2	4.746	4.747	-0.001	199366192	100.0	97.1	
						RPD = 3.74	
21 4,4'-DDT							
1	5.791	5.794	-0.003	88703461	100.0	98.2	
2	4.881	4.881	0.000	198732723	100.0	97.7	
						RPD = 0.46	
5 Endrin aldehyde							
1	5.924	5.926	-0.002	77242905	100.0	99.3	
2	5.162	5.162	0.000	169113186	100.0	97.5	
						RPD = 1.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.301	6.302	-0.001	85676036	100.0	97.8	
2	5.566	5.567	-0.001	183270194	100.0	90.7	
						RPD = 7.53	
10 Methoxychlor							
1	6.849	6.853	-0.004	51788237	100.0	99.9	
2	5.359	5.359	0.000	114524705	100.0	97.3	
						RPD = 2.67	
34 Mirex							M
1	7.050	7.052	-0.002	76523735	100.0	102.1	M
2	5.438	5.438	0.000	161444625	100.0	95.1	
						RPD = 7.11	
13 Endrin ketone							M
1	7.135	7.138	-0.003	87215720	100.0	99.5	M
2	5.858	5.858	0.000	197966379	100.0	100.1	
						RPD = 0.56	
$ 24 DCB Decachlorobiphenyl							
1	8.374	8.377	-0.003	80785793	100.0	97.9	
2	7.393	7.395	-0.002	200265052	100.0	87.9	
						RPD = 10.79	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

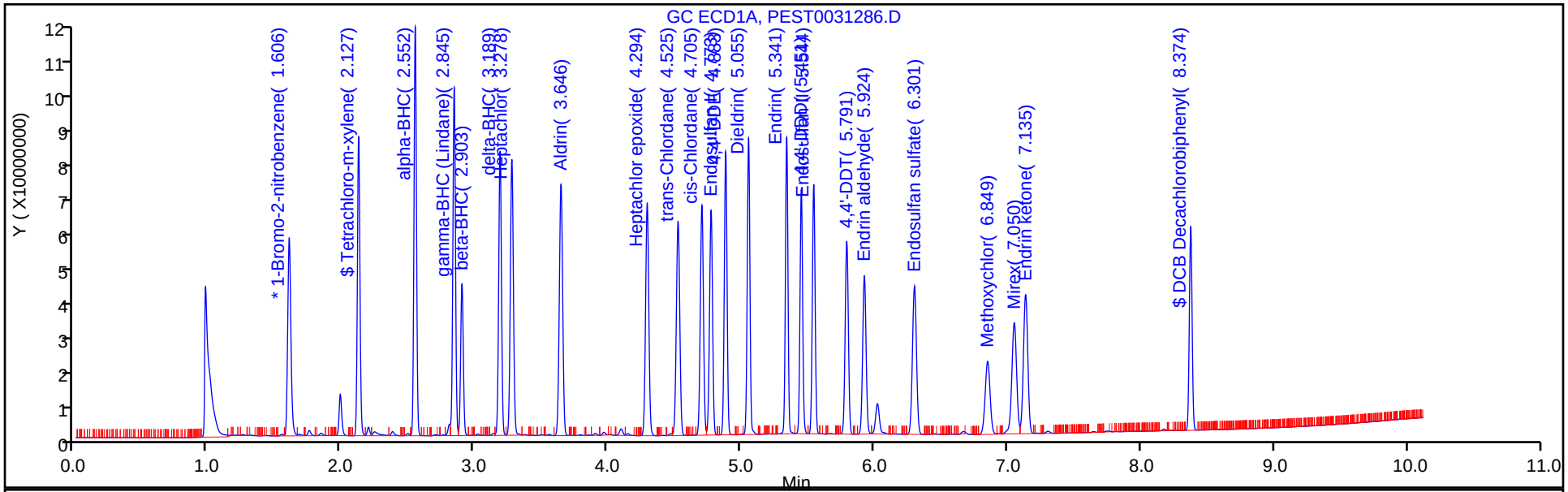
SGPTICV_00044	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

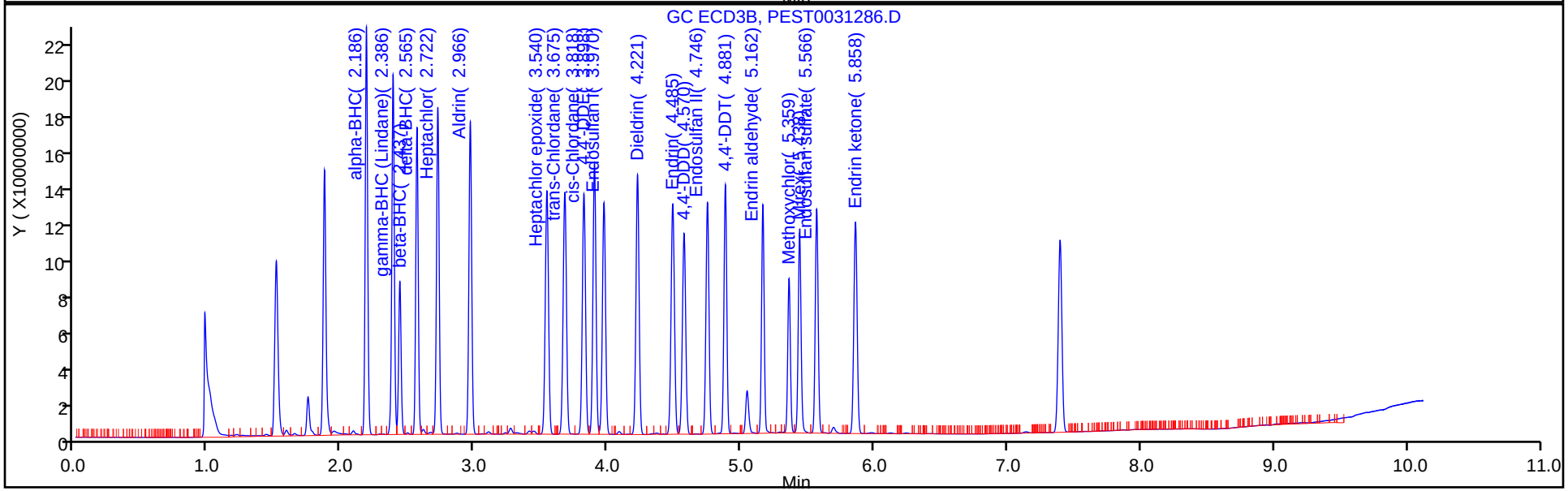
Report Date: 04-Oct-2021 05:14:46 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031286.D

Injection Date:	01-Oct-2021 08:49:19	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV PEST			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/9 Calibration Date: 10/01/2021 08:49

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0031286.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.732	1.698		98.0	100	-2.0	20.0
gamma-BHC (Lindane)	Ave	1.599	1.556		97.4	100	-2.6	20.0
beta-BHC	Ave	0.6017	0.6475		108	100	7.6	20.0
delta-BHC	Ave	1.332	1.308		98.2	100	-1.8	20.0
Heptachlor	Ave	1.529	1.469		96.1	100	-3.9	20.0
Aldrin	Ave	1.526	1.483		97.2	100	-2.8	20.0
Heptachlor epoxide	Ave	1.424	1.359		95.4	100	-4.6	20.0
trans-Chlordane	Ave	1.424	1.378		96.8	100	-3.2	20.0
cis-Chlordane	Ave	1.371	1.321		96.3	100	-3.7	20.0
4,4'-DDE	Ave	1.472	1.417		96.3	100	-3.7	20.0
Endosulfan I	Ave	1.316	1.255		95.4	100	-4.6	20.0
Dieldrin	Ave	1.455	1.383		95.0	100	-5.0	20.0
Endrin	Ave	1.348	1.331		98.8	100	-1.2	20.0
4,4'-DDD	Ave	1.188	1.145		96.3	100	-3.7	20.0
Endosulfan II	Ave	1.244	1.208		97.1	100	-2.9	20.0
4,4'-DDT	Ave	1.232	1.204		97.7	100	-2.3	20.0
Endrin aldehyde	Ave	1.051	1.024		97.5	100	-2.5	20.0
Methoxychlor	Ave	0.7133	0.6937		97.3	100	-2.7	20.0
Mirex	Ave	1.028	0.9779		95.1	100	-4.9	20.0
Endosulfan sulfate	Ave	1.224	1.110		90.7	100	-9.3	20.0
Endrin ketone	Ave	1.199	1.199		100	100	0.0	20.0
Tetrachloro-m-xylene	Ave	1.299	1.267		97.5	100	-2.5	20.0
DCB Decachlorobiphenyl	Ave	1.380	1.213		87.9	100	-12.1	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/9 Calibration Date: 10/01/2021 08:49

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0031286.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.19	2.18	2.20
gamma-BHC (Lindane)	2.39	2.38	2.40
beta-BHC	2.44	2.43	2.45
delta-BHC	2.57	2.56	2.58
Heptachlor	2.72	2.71	2.73
Aldrin	2.97	2.96	2.98
Heptachlor epoxide	3.54	3.53	3.55
trans-Chlordane	3.68	3.67	3.69
cis-Chlordane	3.82	3.81	3.83
4,4'-DDE	3.90	3.89	3.91
Endosulfan I	3.97	3.96	3.98
Dieldrin	4.22	4.21	4.23
Endrin	4.49	4.48	4.50
4,4'-DDD	4.57	4.56	4.58
Endosulfan II	4.75	4.74	4.76
4,4'-DDT	4.88	4.87	4.89
Endrin aldehyde	5.16	5.15	5.17
Methoxychlor	5.36	5.35	5.37
Mirex	5.44	5.43	5.45
Endosulfan sulfate	5.57	5.56	5.58
Endrin ketone	5.86	5.85	5.87
Tetrachloro-m-xylene	1.87	1.86	1.88
DCB Decachlorobiphenyl	7.39	7.39	7.41

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031286.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 08:49:19 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 09:05:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	90653235	100.0	100.0	
2	1.509	1.509	0.000	165085994	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.127	2.128	-0.001	108664792	100.0	97.6	
2	1.870	1.870	0.000	209170181	100.0	97.5	
						RPD = 0.10	
15 alpha-BHC							
1	2.552	2.553	-0.001	145865065	100.0	97.9	
2	2.186	2.185	0.001	280313096	100.0	98.0	
						RPD = 0.18	
2 gamma-BHC (Lindane)							M
1	2.845	2.846	-0.001	130248584	100.0	96.1	M
2	2.386	2.386	0.000	256935749	100.0	97.4	M
						RPD = 1.28	
6 beta-BHC							M
1	2.903	2.904	-0.001	57367963	100.0	106.2	M
2	2.437	2.437	0.000	106899610	100.0	107.6	M
						RPD = 1.29	
32 delta-BHC							
1	3.189	3.191	-0.002	112349989	100.0	97.2	
2	2.565	2.565	0.000	215947370	100.0	98.2	
						RPD = 1.05	
18 Heptachlor							
1	3.278	3.279	-0.001	121204667	100.0	95.5	
2	2.722	2.722	0.000	242564459	100.0	96.1	
						RPD = 0.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.646	3.649	-0.003	120968475	100.0	96.5	
2	2.966	2.966	0.000	244819769	100.0	97.2	
						RPD = 0.70	
12 Heptachlor epoxide							
1	4.294	4.296	-0.002	107389269	100.0	96.0	
2	3.540	3.541	-0.001	224276887	100.0	95.4	
						RPD = 0.64	
9 trans-Chlordane							M
1	4.525	4.528	-0.003	105655976	100.0	96.0	M
2	3.675	3.676	-0.001	227569044	100.0	96.8	M
						RPD = 0.87	
23 cis-Chlordane							M
1	4.705	4.706	-0.001	103310443	100.0	95.7	M
2	3.818	3.819	-0.001	217996184	100.0	96.3	M
						RPD = 0.67	
7 Endosulfan I							M
1	4.773	4.775	-0.002	97374221	100.0	94.2	M
2	3.970	3.970	0.000	207126633	100.0	95.4	M
						RPD = 1.17	
25 4,4'-DDE							M
1	4.883	4.884	-0.001	111208347	100.0	97.1	
2	3.898	3.899	-0.001	233868806	100.0	96.3	M
						RPD = 0.83	
30 Dieldrin							
1	5.055	5.056	-0.001	112923890	100.0	97.1	
2	4.221	4.222	-0.001	228269068	100.0	95.0	
						RPD = 2.14	
20 Endrin							
1	5.341	5.342	-0.001	107344936	100.0	97.8	
2	4.485	4.487	-0.002	219719865	100.0	98.8	
						RPD = 1.01	
16 4,4'-DDD							
1	5.451	5.452	-0.001	92683274	100.0	97.5	
2	4.570	4.571	-0.001	188941832	100.0	96.3	
						RPD = 1.23	
11 Endosulfan II							
1	5.544	5.546	-0.002	99240818	100.0	100.8	
2	4.746	4.747	-0.001	199366192	100.0	97.1	
						RPD = 3.74	
21 4,4'-DDT							
1	5.791	5.794	-0.003	88703461	100.0	98.2	
2	4.881	4.881	0.000	198732723	100.0	97.7	
						RPD = 0.46	
5 Endrin aldehyde							
1	5.924	5.926	-0.002	77242905	100.0	99.3	
2	5.162	5.162	0.000	169113186	100.0	97.5	
						RPD = 1.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.301	6.302	-0.001	85676036	100.0	97.8	
2	5.566	5.567	-0.001	183270194	100.0	90.7	
						RPD = 7.53	
10 Methoxychlor							
1	6.849	6.853	-0.004	51788237	100.0	99.9	
2	5.359	5.359	0.000	114524705	100.0	97.3	
						RPD = 2.67	
34 Mirex							M
1	7.050	7.052	-0.002	76523735	100.0	102.1	M
2	5.438	5.438	0.000	161444625	100.0	95.1	
						RPD = 7.11	
13 Endrin ketone							M
1	7.135	7.138	-0.003	87215720	100.0	99.5	M
2	5.858	5.858	0.000	197966379	100.0	100.1	
						RPD = 0.56	
$ 24 DCB Decachlorobiphenyl							
1	8.374	8.377	-0.003	80785793	100.0	97.9	
2	7.393	7.395	-0.002	200265052	100.0	87.9	
						RPD = 10.79	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

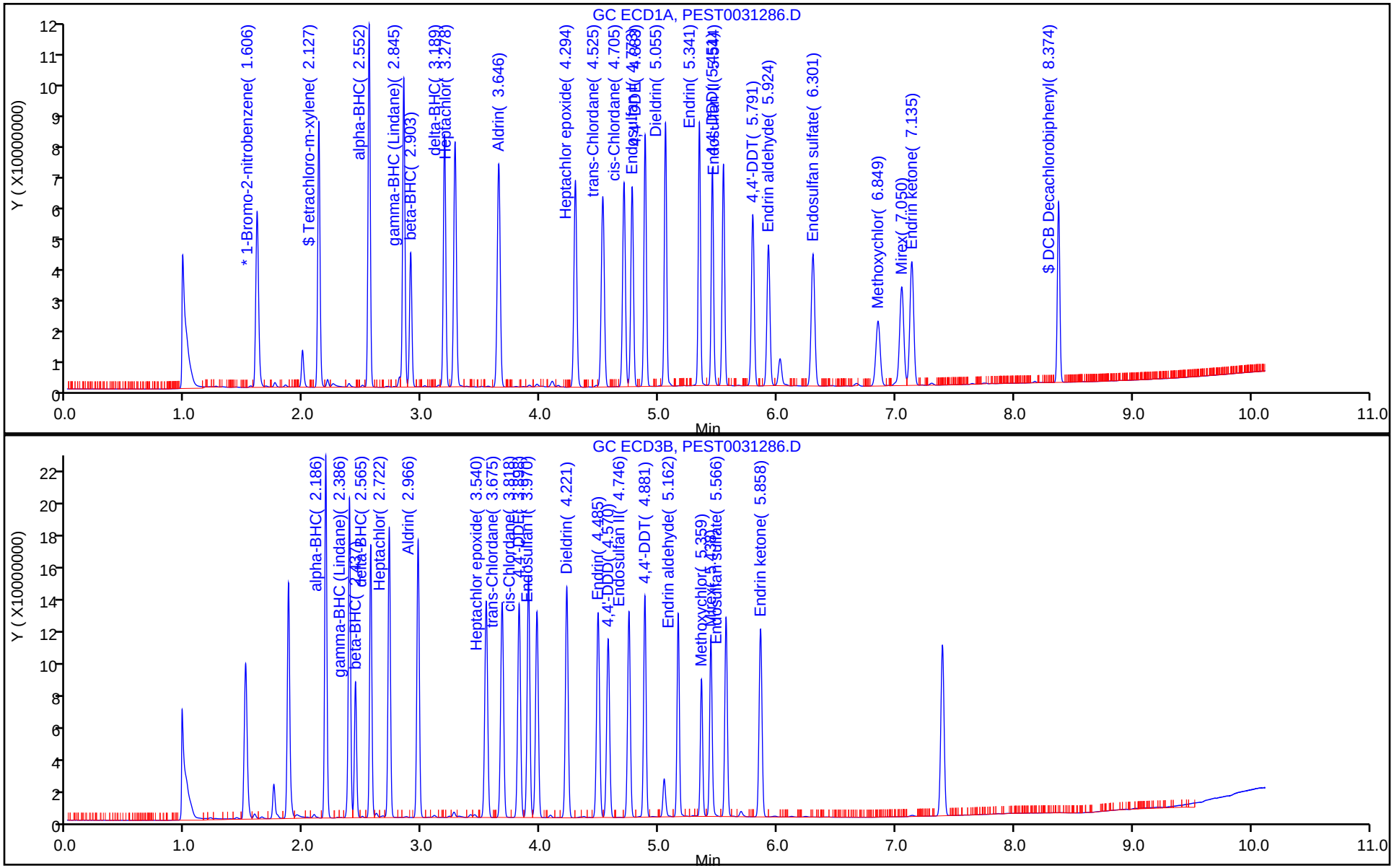
SGPTICV_00044	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 05:14:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031286.D

Injection Date:	01-Oct-2021 08:49:19	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV PEST			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/15 Calibration Date: 10/01/2021 10:03

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0031292.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0357	0.0327		916	1000	-8.4	20.0
Chlordane (technical) Peak 1	Ave	0.0357	0.0327		916	1000	-8.4	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0376	0.0341		906	1000	-9.4	20.0
Chlordane (technical) Peak 2	Ave	0.0376	0.0341		906	1000	-9.4	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1185	0.1102		930	1000	-7.0	20.0
Chlordane (technical) Peak 3	Ave	0.1185	0.1102		930	1000	-7.0	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1310	0.1216		928	1000	-7.2	20.0
Chlordane (technical) Peak 4	Ave	0.1310	0.1216		928	1000	-7.2	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0923	0.0852		923	1000	-7.7	20.0
Chlordane (technical) Peak 5	Ave	0.0923	0.0852		923	1000	-7.7	20.0
Chlordane (n.o.s.)	None		0.0327		921	1000	-7.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/15 Calibration Date: 10/01/2021 10:03

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0031292.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.13	3.12	3.14
Chlordane (technical) Peak 1	3.13	3.12	3.14
Chlordane (n.o.s.) Peak 2	3.80	3.79	3.81
Chlordane (technical) Peak 2	3.80	3.79	3.81
Chlordane (n.o.s.) Peak 3	4.52	4.52	4.54
Chlordane (technical) Peak 3	4.52	4.52	4.54
Chlordane (n.o.s.) Peak 4	4.64	4.63	4.65
Chlordane (technical) Peak 4	4.64	4.63	4.65
Chlordane (n.o.s.) Peak 5	4.70	4.69	4.71
Chlordane (technical) Peak 5	4.70	4.69	4.71
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031292.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 10:03:08 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-015
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:24:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	97163943	100.0	100.0	
2	1.510	1.509	0.001	185021965	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.128	3.128	0.000	31737560	1000.0	916.0	M
1	3.802	3.803	-0.001	33130560	1000.0	905.9	M
1	4.524	4.525	-0.001	107070628	1000.0	930.2	M
1	4.642	4.643	-0.001	118143932	1000.0	928.2	M
1	4.704	4.704	0.000	82783527	1000.0	923.0	M
		Average of Peak Amounts =				920.7	
2	2.662	2.662	0.000	61422544	1000.0	915.3	M
2	3.077	3.077	0.000	70203571	1000.0	901.2	M
2	3.470	3.470	0.000	48432032	1000.0	893.8	M
2	3.676	3.674	0.002	246468662	1000.0	906.5	M
2	3.802	3.800	0.002	420605071	1000.0	908.1	M
		Average of Peak Amounts =				905.0	
						RPD = 1.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.128	3.128	0.000	31737560	1000.0	916.0	M
1	3.802	3.803	-0.001	33130560	1000.0	905.9	M
1	4.524	4.525	-0.001	107070628	1000.0	930.2	M
1	4.642	4.643	-0.001	118143932	1000.0	928.2	M
1	4.704	4.704	0.000	82783527	1000.0	923.0	M
		Average of Peak Amounts =				920.7	
2	2.662	2.662	0.000	61422544	1000.0	915.3	M
2	3.077	3.077	0.000	70203571	1000.0	901.2	M
2	3.470	3.470	0.000	48432032	1000.0	893.8	M
2	3.676	3.674	0.002	246468662	1000.0	906.5	M
2	3.802	3.800	0.002	420605071	1000.0	908.1	M
		Average of Peak Amounts =				905.0	
						RPD = 1.72	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

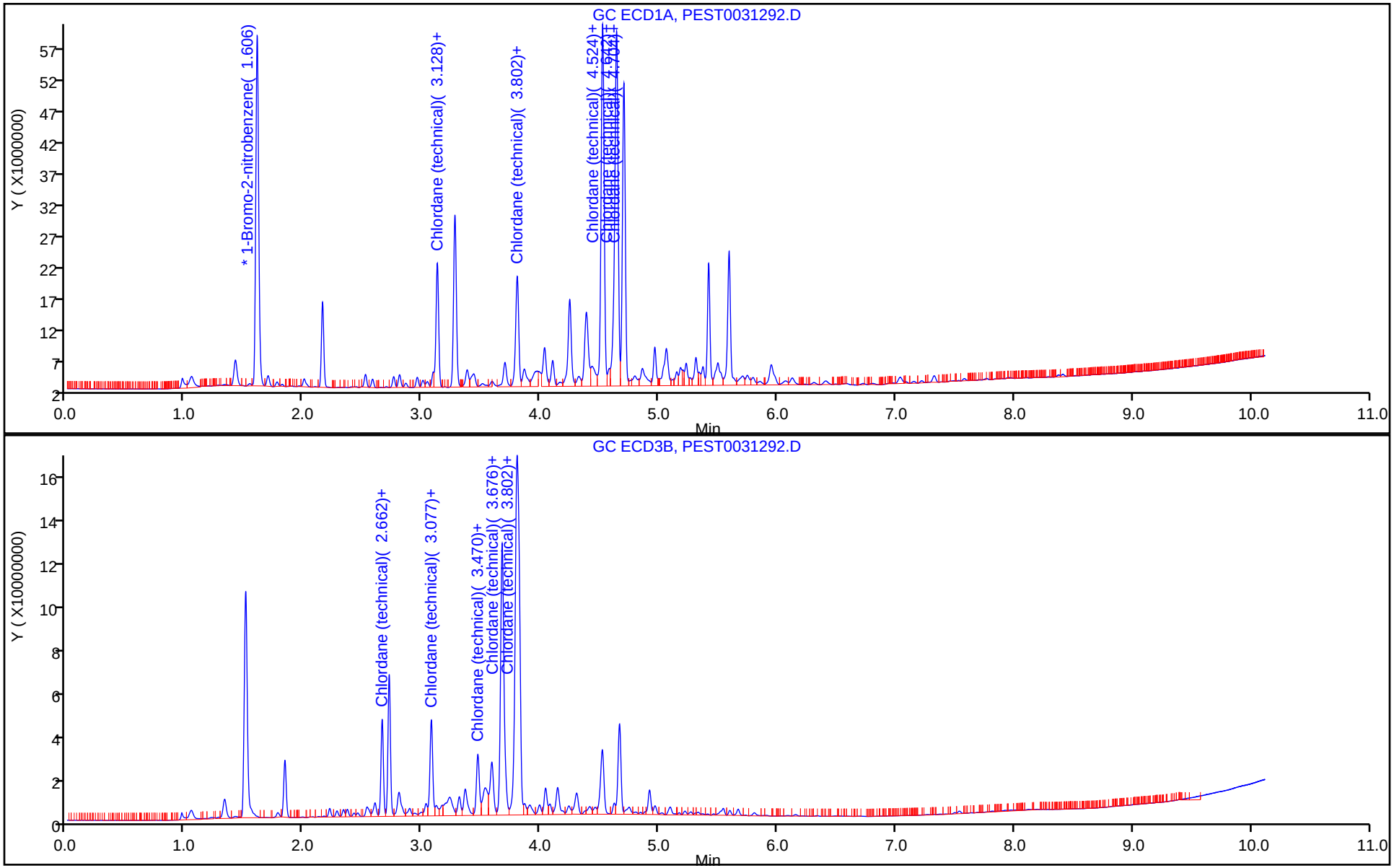
SGCHLOR ICV_00006	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 03:51:00 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031292.D

Injection Date:	01-Oct-2021 10:03:08	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV CHLOR			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/15 Calibration Date: 10/01/2021 10:03

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0031292.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0363	0.0332		915	1000	-8.5	20.0
Chlordane (technical) Peak 1	Ave	0.0363	0.0332		915	1000	-8.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0421	0.0379		901	1000	-9.9	20.0
Chlordane (technical) Peak 2	Ave	0.0421	0.0379		901	1000	-9.9	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0293	0.0262		894	1000	-10.6	20.0
Chlordane (technical) Peak 3	Ave	0.0293	0.0262		894	1000	-10.6	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1469	0.1332		907	1000	-9.3	20.0
Chlordane (technical) Peak 4	Ave	0.1469	0.1332		907	1000	-9.3	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2503	0.2273		908	1000	-9.2	20.0
Chlordane (technical) Peak 5	Ave	0.2503	0.2273		908	1000	-9.2	20.0
Chlordane (n.o.s.)	None		0.0332		905	1000	-9.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/15 Calibration Date: 10/01/2021 10:03

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0031292.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.66	2.65	2.67
Chlordane (technical) Peak 1	2.66	2.65	2.67
Chlordane (n.o.s.) Peak 2	3.08	3.07	3.09
Chlordane (technical) Peak 2	3.08	3.07	3.09
Chlordane (n.o.s.) Peak 3	3.47	3.46	3.48
Chlordane (technical) Peak 3	3.47	3.46	3.48
Chlordane (n.o.s.) Peak 4	3.68	3.66	3.68
Chlordane (technical) Peak 4	3.68	3.66	3.68
Chlordane (n.o.s.) Peak 5	3.80	3.79	3.81
Chlordane (technical) Peak 5	3.80	3.79	3.81
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031292.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 10:03:08 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-015
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 10:24:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	97163943	100.0	100.0	
2	1.510	1.509	0.001	185021965	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.128	3.128	0.000	31737560	1000.0	916.0	M
1	3.802	3.803	-0.001	33130560	1000.0	905.9	M
1	4.524	4.525	-0.001	107070628	1000.0	930.2	M
1	4.642	4.643	-0.001	118143932	1000.0	928.2	M
1	4.704	4.704	0.000	82783527	1000.0	923.0	M
		Average of Peak Amounts =				920.7	
2	2.662	2.662	0.000	61422544	1000.0	915.3	M
2	3.077	3.077	0.000	70203571	1000.0	901.2	M
2	3.470	3.470	0.000	48432032	1000.0	893.8	M
2	3.676	3.674	0.002	246468662	1000.0	906.5	M
2	3.802	3.800	0.002	420605071	1000.0	908.1	M
		Average of Peak Amounts =				905.0	
						RPD = 1.72	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.128	3.128	0.000	31737560	1000.0	916.0	M
1	3.802	3.803	-0.001	33130560	1000.0	905.9	M
1	4.524	4.525	-0.001	107070628	1000.0	930.2	M
1	4.642	4.643	-0.001	118143932	1000.0	928.2	M
1	4.704	4.704	0.000	82783527	1000.0	923.0	M
		Average of Peak Amounts =				920.7	
2	2.662	2.662	0.000	61422544	1000.0	915.3	M
2	3.077	3.077	0.000	70203571	1000.0	901.2	M
2	3.470	3.470	0.000	48432032	1000.0	893.8	M
2	3.676	3.674	0.002	246468662	1000.0	906.5	M
2	3.802	3.800	0.002	420605071	1000.0	908.1	M
		Average of Peak Amounts =				905.0	
						RPD = 1.72	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

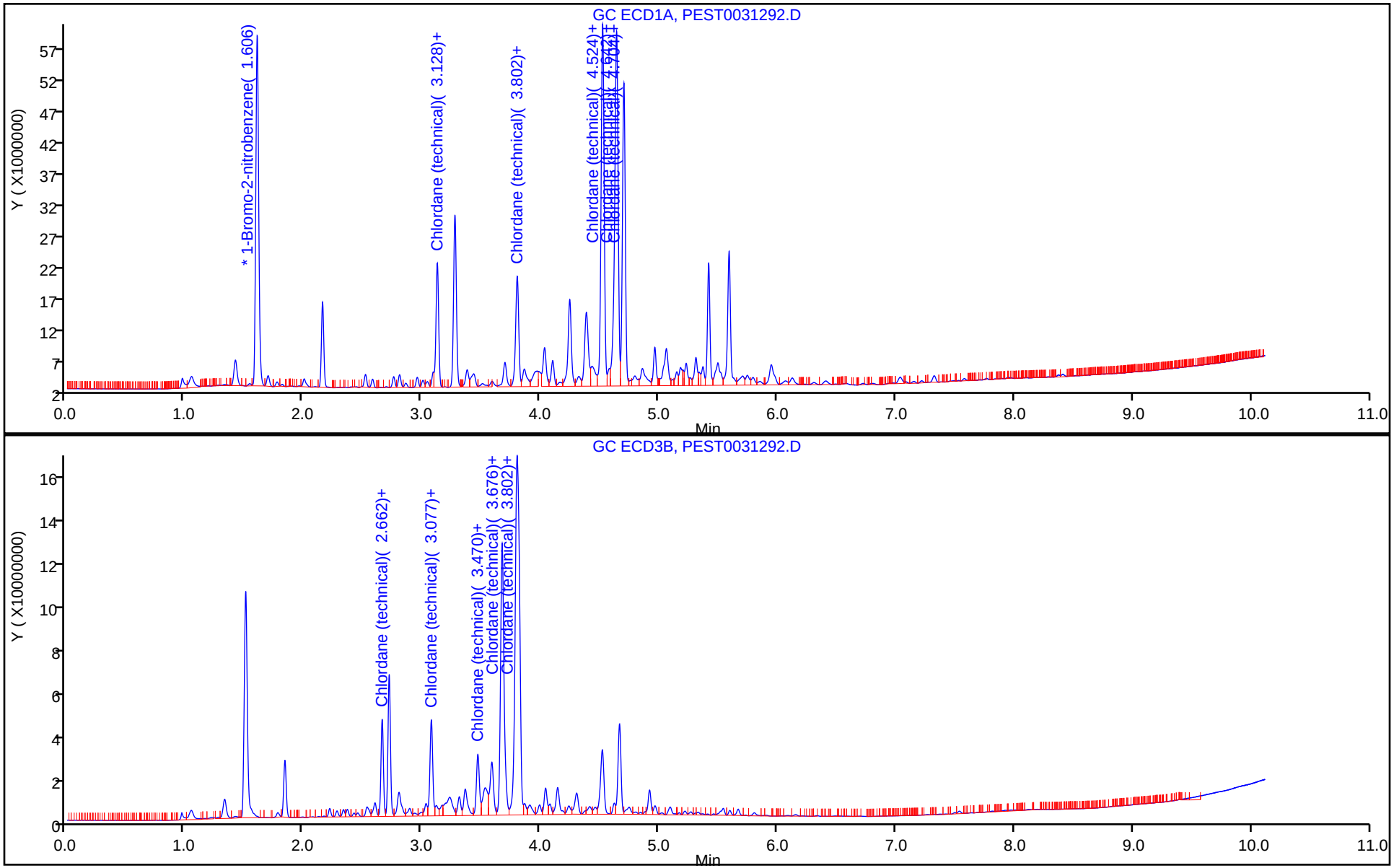
SGCHLOR ICV_00006	Amount Added: 1.00	Units: mL	
SGPESTISTD_00015	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 04-Oct-2021 03:51:01 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031292.D

Injection Date:	01-Oct-2021 10:03:08	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV CHLOR			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/21 Calibration Date: 10/01/2021 11:17

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0031298.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 2	Ave	0.0264	0.0247		937	1000	-6.3	20.0
Toxaphene Peak 1	Ave	0.0405	0.0358		883	1000	-11.7	20.0
Toxaphene Peak 3	Ave	0.0754	0.0656		870	1000	-13.0	20.0
Toxaphene Peak 4	Ave	0.0432	0.0400		925	1000	-7.5	20.0
Toxaphene Peak 5	Ave	0.0363	0.0332		915	1000	-8.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/21 Calibration Date: 10/01/2021 11:17

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0031298.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 2	5.03	5.02	5.04
Toxaphene Peak 1	5.53	5.52	5.54
Toxaphene Peak 3	5.63	5.62	5.64
Toxaphene Peak 4	5.94	5.93	5.95
Toxaphene Peak 5	6.66	6.66	6.68

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031298.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 11:17:03 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-021
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:35:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	95481077	100.0	100.0	
2	1.508	1.509	-0.001	173668633	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	34153762	1000.0	882.6	M
1	5.033	5.032	0.001	23614829	1000.0	936.9	M
1	5.632	5.633	-0.001	62642403	1000.0	869.8	M
1	5.938	5.939	-0.001	38182833	1000.0	925.0	M
1	6.662	6.665	-0.003	31718646	1000.0	915.0	M
		Average of Peak Amounts =				905.9	
2	4.733	4.735	-0.002	113749174	1000.0	1018.2	M
2	4.860	4.860	0.000	95541815	1000.0	980.0	M
2	5.077	5.078	-0.001	91167068	1000.0	940.6	M
2	5.270	5.271	-0.001	83881702	1000.0	910.0	M
2	5.458	5.458	0.000	93388929	1000.0	906.9	M
		Average of Peak Amounts =				951.1	
						RPD = 4.87	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

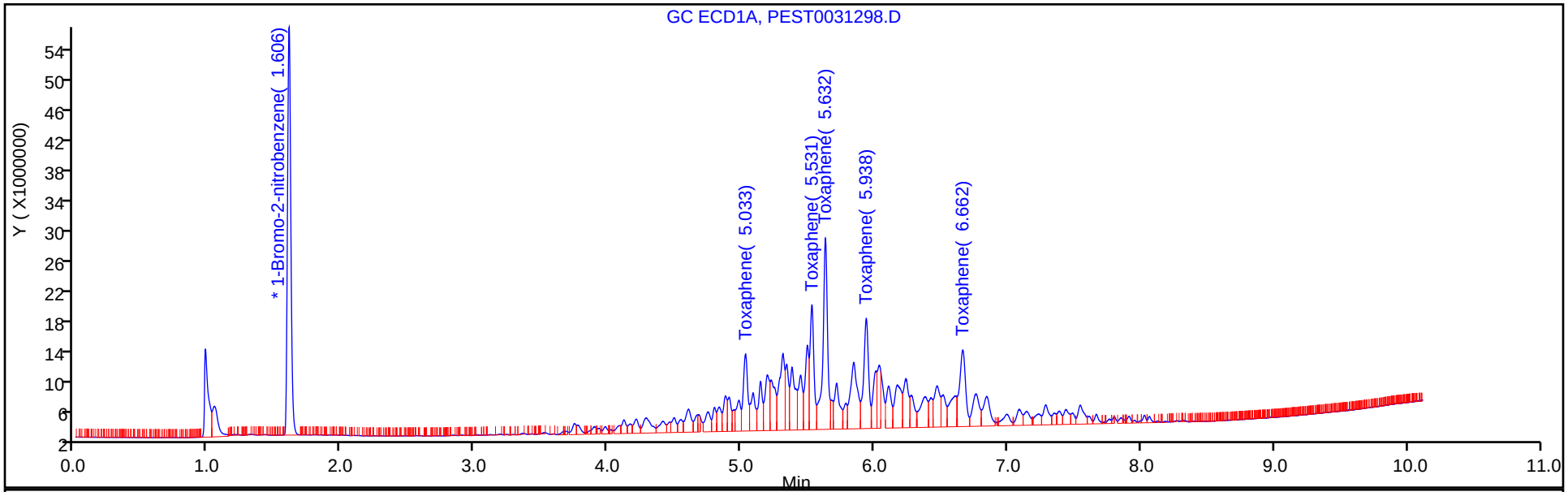
SGTOX ICV_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

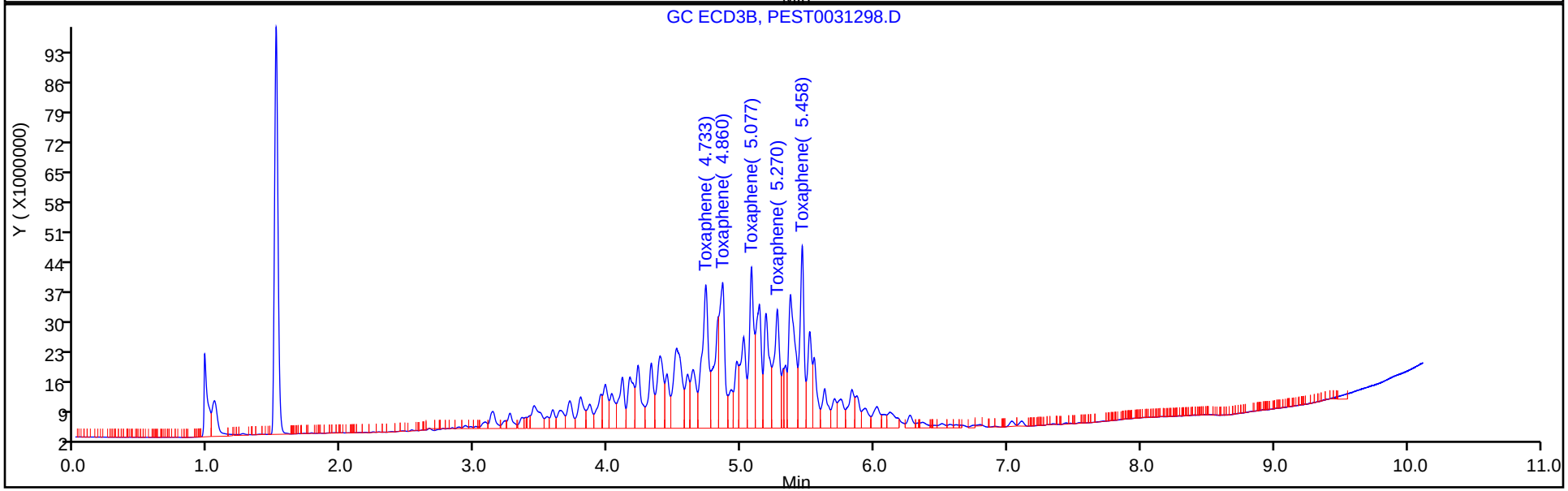
Report Date: 04-Oct-2021 03:51:07 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031298.D

Injection Date:	01-Oct-2021 11:17:03	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/21 Calibration Date: 10/01/2021 11:17

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0031298.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0643	0.0655		1020	1000	1.8	20.0
Toxaphene Peak 2	Ave	0.0561	0.0550		980	1000	-2.0	20.0
Toxaphene Peak 3	Ave	0.0558	0.0525		941	1000	-5.9	20.0
Toxaphene Peak 4	Ave	0.0531	0.0483		910	1000	-9.0	20.0
Toxaphene Peak 5	Ave	0.0593	0.0538		907	1000	-9.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: ICV 460-804494/21 Calibration Date: 10/01/2021 11:17

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0031298.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.73	4.73	4.75
Toxaphene Peak 2	4.86	4.85	4.87
Toxaphene Peak 3	5.08	5.07	5.09
Toxaphene Peak 4	5.27	5.26	5.28
Toxaphene Peak 5	5.46	5.45	5.47

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031298.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 01-Oct-2021 11:17:03 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0135351-021
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 04-Oct-2021 03:36:05 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1624

First Level Reviewer: manlangitf Date: 01-Oct-2021 11:35:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.606	1.606	0.000	95481077	100.0	100.0	
2	1.508	1.509	-0.001	173668633	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.531	5.531	0.000	34153762	1000.0	882.6	M
1	5.033	5.032	0.001	23614829	1000.0	936.9	M
1	5.632	5.633	-0.001	62642403	1000.0	869.8	M
1	5.938	5.939	-0.001	38182833	1000.0	925.0	M
1	6.662	6.665	-0.003	31718646	1000.0	915.0	M
		Average of Peak Amounts =				905.9	
2	4.733	4.735	-0.002	113749174	1000.0	1018.2	M
2	4.860	4.860	0.000	95541815	1000.0	980.0	M
2	5.077	5.078	-0.001	91167068	1000.0	940.6	M
2	5.270	5.271	-0.001	83881702	1000.0	910.0	M
2	5.458	5.458	0.000	93388929	1000.0	906.9	M
		Average of Peak Amounts =				951.1	
						RPD = 4.87	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

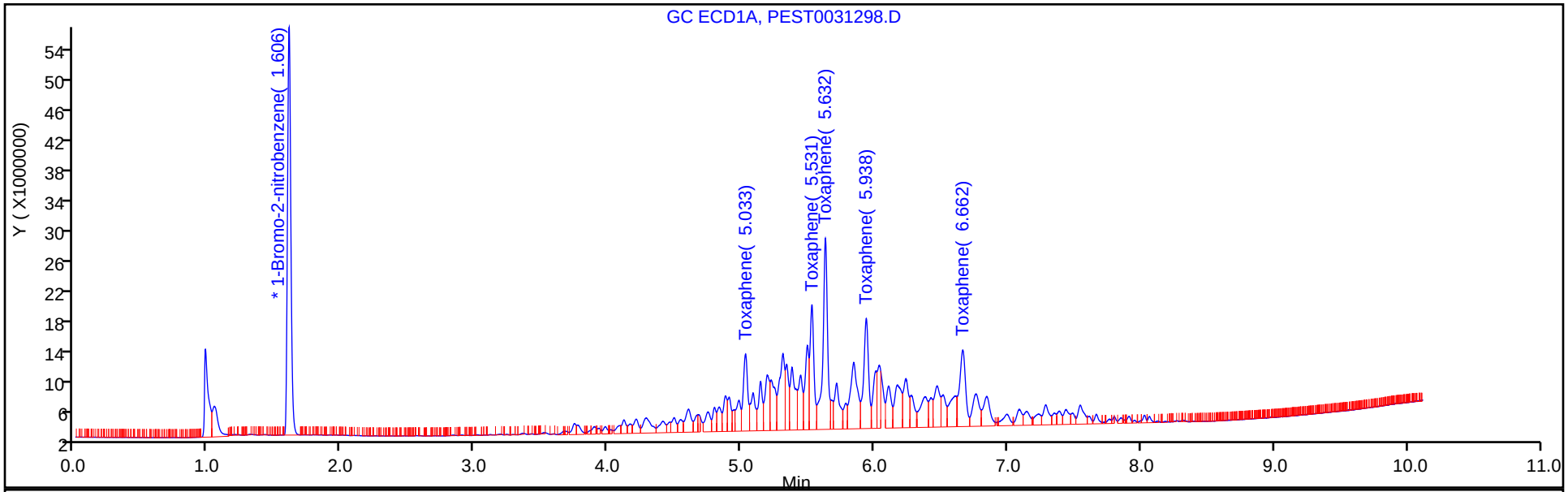
Reagents:

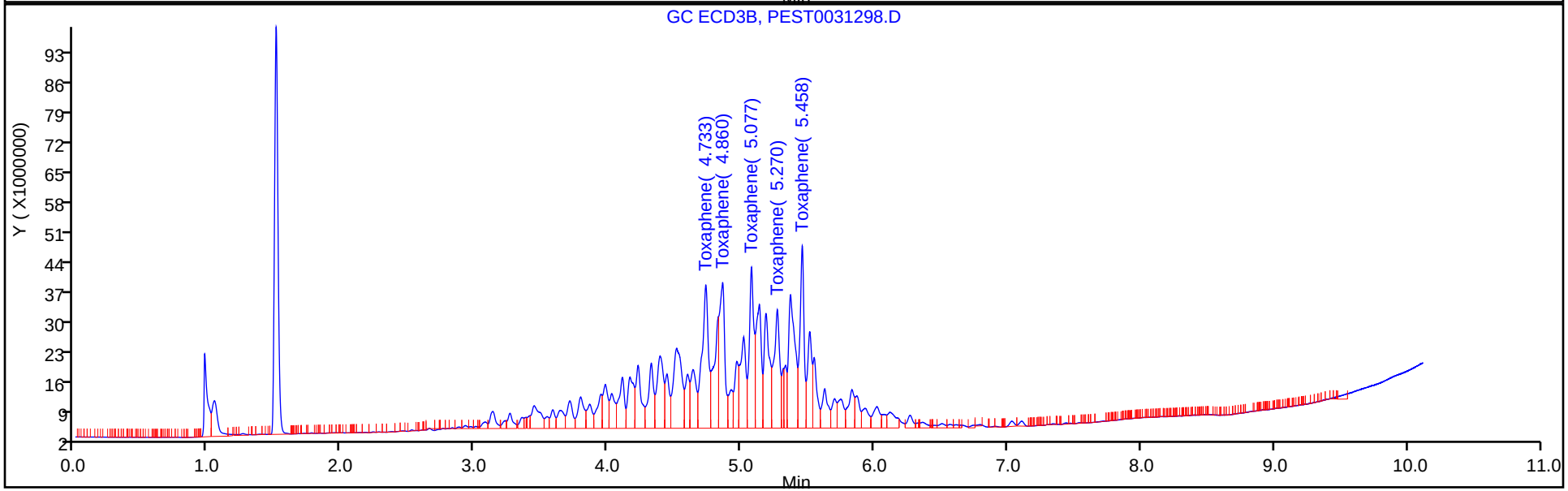
SGTOX ICV_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00015 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 04-Oct-2021 03:51:08 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031298.D				
Injection Date:	01-Oct-2021 11:17:03	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810665/2 Calibration Date: 11/01/2021 14:13

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032127a.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.644	1.728		105	100	5.1	20.0
gamma-BHC (Lindane)	Ave	1.495	1.543		103	100	3.2	20.0
beta-BHC	Ave	0.5957	0.6577		110	100	10.4	20.0
delta-BHC	Ave	1.275	1.484		116	100	16.4	20.0
Heptachlor	Ave	1.400	1.492		107	100	6.6	20.0
Aldrin	Ave	1.383	1.459		106	100	5.5	20.0
Heptachlor epoxide	Ave	1.234	1.273		103	100	3.2	20.0
trans-Chlordane	Ave	1.214	1.282		106	100	5.6	20.0
cis-Chlordane	Ave	1.191	1.200		101	100	0.7	20.0
Endosulfan I	Ave	1.140	1.123		98.5	100	-1.5	20.0
4,4'-DDE	Ave	1.264	1.274		101	100	0.8	20.0
Dieldrin	Ave	1.283	1.336		104	100	4.1	20.0
Endrin	Ave	1.211	1.249		103	100	3.2	20.0
4,4'-DDD	Ave	1.048	1.115		106	100	6.4	20.0
Endosulfan II	Ave	1.087	1.173		108	100	8.0	20.0
4,4'-DDT	Ave	0.997	1.072		108	100	7.5	20.0
Endrin aldehyde	Ave	0.8578	0.9454		110	100	10.2	20.0
Endosulfan sulfate	Ave	0.9666	1.111		115	100	14.9	20.0
Methoxychlor	Ave	0.5719	0.6111		107	100	6.8	20.0
Mirex	Ave	0.8267	0.8999		109	100	8.9	20.0
Endrin ketone	Ave	0.9669	1.272		132	100	31.6*	20.0
Tetrachloro-m-xylene	Ave	1.228	1.245		101	100	1.4	20.0
DCB Decachlorobiphenyl	Ave	0.9101	0.9780		107	100	7.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810665/2 Calibration Date: 11/01/2021 14:13

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032127a.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.51	2.50	2.52
gamma-BHC (Lindane)	2.80	2.79	2.81
beta-BHC	2.86	2.85	2.87
delta-BHC	3.14	3.13	3.15
Heptachlor	3.23	3.22	3.24
Aldrin	3.59	3.58	3.60
Heptachlor epoxide	4.23	4.22	4.24
trans-Chlordane	4.46	4.45	4.47
cis-Chlordane	4.64	4.63	4.65
Endosulfan I	4.71	4.70	4.72
4,4'-DDE	4.83	4.82	4.84
Dieldrin	5.00	4.99	5.01
Endrin	5.29	5.28	5.30
4,4'-DDD	5.40	5.39	5.41
Endosulfan II	5.49	5.48	5.50
4,4'-DDT	5.74	5.73	5.75
Endrin aldehyde	5.87	5.86	5.88
Endosulfan sulfate	6.23	6.22	6.24
Methoxychlor	6.77	6.76	6.78
Mirex	6.98	6.97	6.99
Endrin ketone	7.06	7.05	7.07
Tetrachloro-m-xylene	2.09	2.08	2.10
DCB Decachlorobiphenyl	8.32	8.31	8.33

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032127a.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Nov-2021 14:13:50 ALS Bottle#: 54 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136897-054
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:33 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:24:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	117184269	100.0	100.0	
2	1.497	1.497	0.000	155381101	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	145911751	100.0	101.4	
2	1.853	1.853	0.000	219205289	100.0	108.6	
						RPD = 6.84	
15 alpha-BHC							
1	2.509	2.509	0.000	202477292	100.0	105.1	
2	2.162	2.162	0.000	300538703	100.0	111.7	
						RPD = 6.08	
2 gamma-BHC (Lindane)							
1	2.798	2.798	0.000	180795376	100.0	103.2	
2	2.358	2.358	0.000	269838797	100.0	108.6	
						RPD = 5.12	
6 beta-BHC							
1	2.855	2.855	0.000	77066441	100.0	110.4	
2	2.409	2.409	0.000	110881535	100.0	118.6	
						RPD = 7.16	
32 delta-BHC							
1	3.137	3.137	0.000	173937947	100.0	116.4	
2	2.534	2.534	0.000	257806916	100.0	124.6	
						RPD = 6.79	
18 Heptachlor							
1	3.225	3.225	0.000	174844263	100.0	106.6	
2	2.688	2.688	0.000	262003628	100.0	110.3	
						RPD = 3.40	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.588	3.588	0.000	170984114	100.0	105.5	
2	2.929	2.929	0.000	256571754	100.0	108.2	
						RPD = 2.52	
12 Heptachlor epoxide							
1	4.231	4.231	0.000	149226775	100.0	103.2	
2	3.498	3.498	0.000	228942195	100.0	103.5	
						RPD = 0.25	
9 trans-Chlordane							
1	4.458	4.458	0.000	150211842	100.0	105.6	
2	3.631	3.631	0.000	238586498	100.0	107.8	
						RPD = 2.14	
23 cis-Chlordane							
1	4.640	4.640	0.000	140616945	100.0	100.7	
2	3.777	3.777	0.000	226785786	100.0	106.5	
						RPD = 5.52	
7 Endosulfan I							
1	4.711	4.711	0.000	131541540	100.0	98.5	
2	3.929	3.929	0.000	215051788	100.0	105.2	
						RPD = 6.57	
25 4,4'-DDE							
1	4.827	4.827	0.000	149329796	100.0	100.8	
2	3.857	3.857	0.000	232945328	100.0	101.9	
						RPD = 1.03	
30 Dieldrin							
1	5.002	5.002	0.000	156560997	100.0	104.1	
2	4.181	4.181	0.000	234951169	100.0	103.9	
						RPD = 0.20	
20 Endrin							
1	5.294	5.294	0.000	146415514	100.0	103.2	
2	4.444	4.444	0.000	222837311	100.0	106.4	
						RPD = 3.11	
16 4,4'-DDD							
1	5.404	5.404	0.000	130703573	100.0	106.4	
2	4.530	4.530	0.000	194485586	100.0	105.4	
						RPD = 0.99	
11 Endosulfan II							
1	5.494	5.494	0.000	137481365	100.0	108.0	
2	4.708	4.708	0.000	196788173	100.0	101.8	
						RPD = 5.91	
21 4,4'-DDT							
1	5.738	5.738	0.000	125583801	100.0	107.5	
2	4.847	4.847	0.000	199944744	100.0	104.5	
						RPD = 2.89	
5 Endrin aldehyde							
1	5.865	5.865	0.000	110788271	100.0	110.2	
2	5.129	5.129	0.000	161097062	100.0	98.7	
						RPD = 11.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.232	6.232	0.000	130149979	100.0	114.9	
2	5.530	5.530	0.000	178130612	100.0	93.6	
						RPD = 20.39	
10 Methoxychlor							
1	6.772	6.772	0.000	71608515	100.0	106.8	
2	5.328	5.328	0.000	105317677	100.0	95.0	
						RPD = 11.71	
34 Mirex							
1	6.977	6.977	0.000	105455217	100.0	108.9	
2	5.406	5.406	0.000	148101378	100.0	92.7	
						RPD = 16.05	
13 Endrin ketone							
1	7.063	7.063	0.000	149091521	100.0	131.6	
2	5.816	5.816	0.000	222615204	100.0	119.5	
						RPD = 9.59	
$ 24 DCB Decachlorobiphenyl							
1	8.322	8.322	0.000	114603289	100.0	107.5	
2	7.353	7.353	0.000	180732996	100.0	84.3	
						RPD = 24.18	

QC Flag Legend

Processing Flags

Reagents:

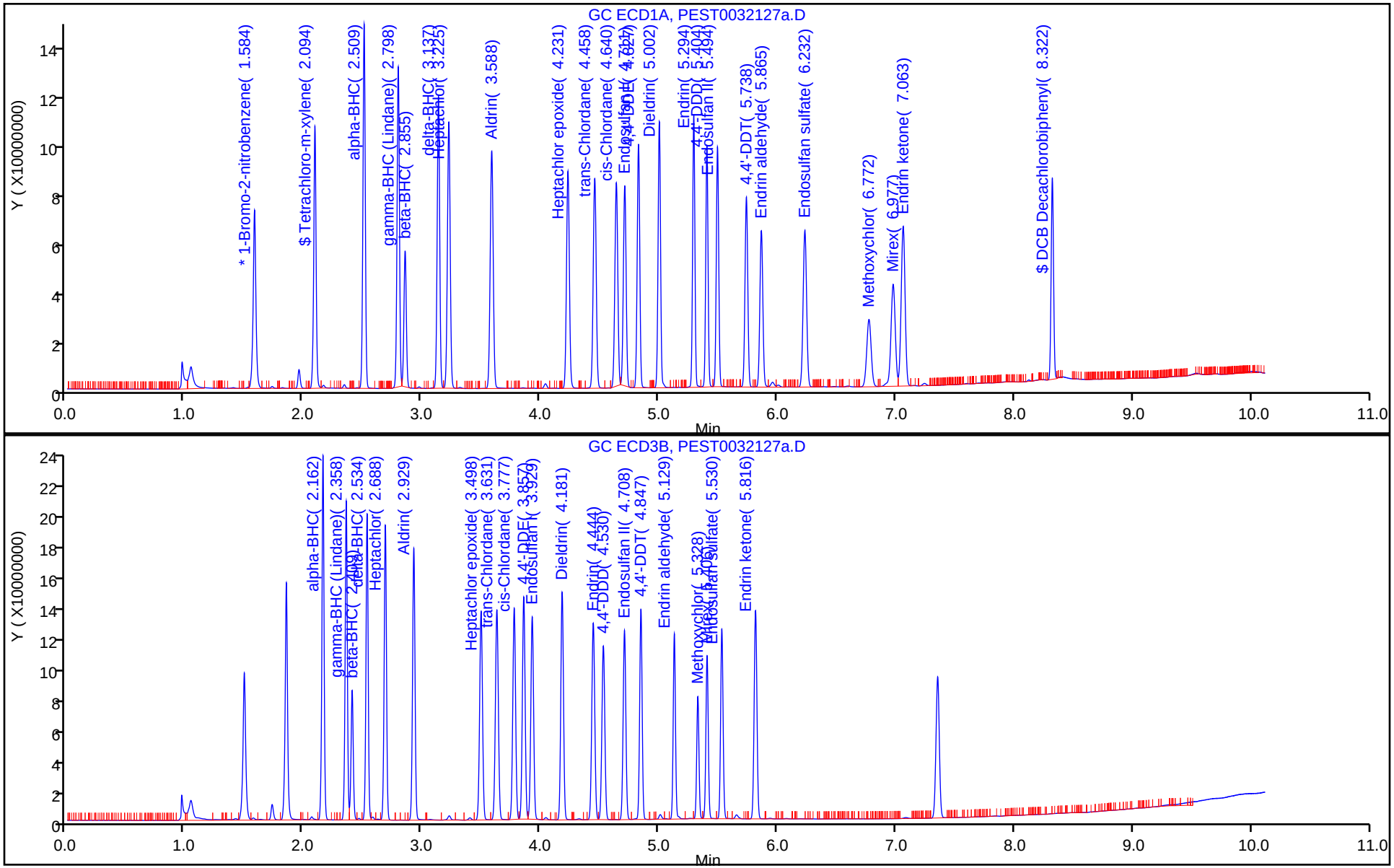
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 04:01:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032127a.D

Injection Date:	01-Nov-2021 14:13:50	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810665/2 Calibration Date: 11/01/2021 14:13

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032127a.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.732	1.934		112	100	11.7	20.0
gamma-BHC (Lindane)	Ave	1.599	1.737		109	100	8.6	20.0
beta-BHC	Ave	0.6017	0.7136		119	100	18.6	20.0
delta-BHC	Ave	1.332	1.659		125	100	24.6*	20.0
Heptachlor	Ave	1.529	1.686		110	100	10.3	20.0
Aldrin	Ave	1.526	1.651		108	100	8.2	20.0
Heptachlor epoxide	Ave	1.424	1.473		103	100	3.5	20.0
trans-Chlordane	Ave	1.424	1.535		108	100	7.8	20.0
cis-Chlordane	Ave	1.371	1.460		106	100	6.5	20.0
4,4'-DDE	Ave	1.472	1.499		102	100	1.9	20.0
Endosulfan I	Ave	1.316	1.384		105	100	5.2	20.0
Dieldrin	Ave	1.455	1.512		104	100	3.9	20.0
Endrin	Ave	1.348	1.434		106	100	6.4	20.0
4,4'-DDD	Ave	1.188	1.252		105	100	5.4	20.0
Endosulfan II	Ave	1.244	1.266		102	100	1.8	20.0
4,4'-DDT	Ave	1.232	1.287		104	100	4.5	20.0
Endrin aldehyde	Ave	1.051	1.037		98.7	100	-1.3	20.0
Methoxychlor	Ave	0.7133	0.6778		95.0	100	-5.0	20.0
Mirex	Ave	1.028	0.9531		92.7	100	-7.3	20.0
Endosulfan sulfate	Ave	1.224	1.146		93.6	100	-6.4	20.0
Endrin ketone	Ave	1.199	1.433		120	100	19.5	20.0
Tetrachloro-m-xylene	Ave	1.299	1.411		109	100	8.6	20.0
DCB Decachlorobiphenyl	Ave	1.380	1.163		84.3	100	-15.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810665/2 Calibration Date: 11/01/2021 14:13

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032127a.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.16	2.15	2.17
gamma-BHC (Lindane)	2.36	2.35	2.37
beta-BHC	2.41	2.40	2.42
delta-BHC	2.53	2.52	2.54
Heptachlor	2.69	2.68	2.70
Aldrin	2.93	2.92	2.94
Heptachlor epoxide	3.50	3.49	3.51
trans-Chlordane	3.63	3.62	3.64
cis-Chlordane	3.78	3.77	3.79
4,4'-DDE	3.86	3.85	3.87
Endosulfan I	3.93	3.92	3.94
Dieldrin	4.18	4.17	4.19
Endrin	4.44	4.43	4.45
4,4'-DDD	4.53	4.52	4.54
Endosulfan II	4.71	4.70	4.72
4,4'-DDT	4.85	4.84	4.86
Endrin aldehyde	5.13	5.12	5.14
Methoxychlor	5.33	5.32	5.34
Mirex	5.41	5.40	5.42
Endosulfan sulfate	5.53	5.52	5.54
Endrin ketone	5.82	5.81	5.83
Tetrachloro-m-xylene	1.85	1.84	1.86
DCB Decachlorobiphenyl	7.35	7.34	7.36

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032127a.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Nov-2021 14:13:50 ALS Bottle#: 54 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136897-054
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:33 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:24:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	117184269	100.0	100.0	
2	1.497	1.497	0.000	155381101	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	145911751	100.0	101.4	
2	1.853	1.853	0.000	219205289	100.0	108.6	
						RPD = 6.84	
15 alpha-BHC							
1	2.509	2.509	0.000	202477292	100.0	105.1	
2	2.162	2.162	0.000	300538703	100.0	111.7	
						RPD = 6.08	
2 gamma-BHC (Lindane)							
1	2.798	2.798	0.000	180795376	100.0	103.2	
2	2.358	2.358	0.000	269838797	100.0	108.6	
						RPD = 5.12	
6 beta-BHC							
1	2.855	2.855	0.000	77066441	100.0	110.4	
2	2.409	2.409	0.000	110881535	100.0	118.6	
						RPD = 7.16	
32 delta-BHC							
1	3.137	3.137	0.000	173937947	100.0	116.4	
2	2.534	2.534	0.000	257806916	100.0	124.6	
						RPD = 6.79	
18 Heptachlor							
1	3.225	3.225	0.000	174844263	100.0	106.6	
2	2.688	2.688	0.000	262003628	100.0	110.3	
						RPD = 3.40	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.588	3.588	0.000	170984114	100.0	105.5	
2	2.929	2.929	0.000	256571754	100.0	108.2	
						RPD = 2.52	
12 Heptachlor epoxide							
1	4.231	4.231	0.000	149226775	100.0	103.2	
2	3.498	3.498	0.000	228942195	100.0	103.5	
						RPD = 0.25	
9 trans-Chlordane							
1	4.458	4.458	0.000	150211842	100.0	105.6	
2	3.631	3.631	0.000	238586498	100.0	107.8	
						RPD = 2.14	
23 cis-Chlordane							
1	4.640	4.640	0.000	140616945	100.0	100.7	
2	3.777	3.777	0.000	226785786	100.0	106.5	
						RPD = 5.52	
7 Endosulfan I							
1	4.711	4.711	0.000	131541540	100.0	98.5	
2	3.929	3.929	0.000	215051788	100.0	105.2	
						RPD = 6.57	
25 4,4'-DDE							
1	4.827	4.827	0.000	149329796	100.0	100.8	
2	3.857	3.857	0.000	232945328	100.0	101.9	
						RPD = 1.03	
30 Dieldrin							
1	5.002	5.002	0.000	156560997	100.0	104.1	
2	4.181	4.181	0.000	234951169	100.0	103.9	
						RPD = 0.20	
20 Endrin							
1	5.294	5.294	0.000	146415514	100.0	103.2	
2	4.444	4.444	0.000	222837311	100.0	106.4	
						RPD = 3.11	
16 4,4'-DDD							
1	5.404	5.404	0.000	130703573	100.0	106.4	
2	4.530	4.530	0.000	194485586	100.0	105.4	
						RPD = 0.99	
11 Endosulfan II							
1	5.494	5.494	0.000	137481365	100.0	108.0	
2	4.708	4.708	0.000	196788173	100.0	101.8	
						RPD = 5.91	
21 4,4'-DDT							
1	5.738	5.738	0.000	125583801	100.0	107.5	
2	4.847	4.847	0.000	199944744	100.0	104.5	
						RPD = 2.89	
5 Endrin aldehyde							
1	5.865	5.865	0.000	110788271	100.0	110.2	
2	5.129	5.129	0.000	161097062	100.0	98.7	
						RPD = 11.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.232	6.232	0.000	130149979	100.0	114.9	
2	5.530	5.530	0.000	178130612	100.0	93.6	
						RPD = 20.39	
10 Methoxychlor							
1	6.772	6.772	0.000	71608515	100.0	106.8	
2	5.328	5.328	0.000	105317677	100.0	95.0	
						RPD = 11.71	
34 Mirex							
1	6.977	6.977	0.000	105455217	100.0	108.9	
2	5.406	5.406	0.000	148101378	100.0	92.7	
						RPD = 16.05	
13 Endrin ketone							
1	7.063	7.063	0.000	149091521	100.0	131.6	
2	5.816	5.816	0.000	222615204	100.0	119.5	
						RPD = 9.59	
$ 24 DCB Decachlorobiphenyl							
1	8.322	8.322	0.000	114603289	100.0	107.5	
2	7.353	7.353	0.000	180732996	100.0	84.3	
						RPD = 24.18	

QC Flag Legend

Processing Flags

Reagents:

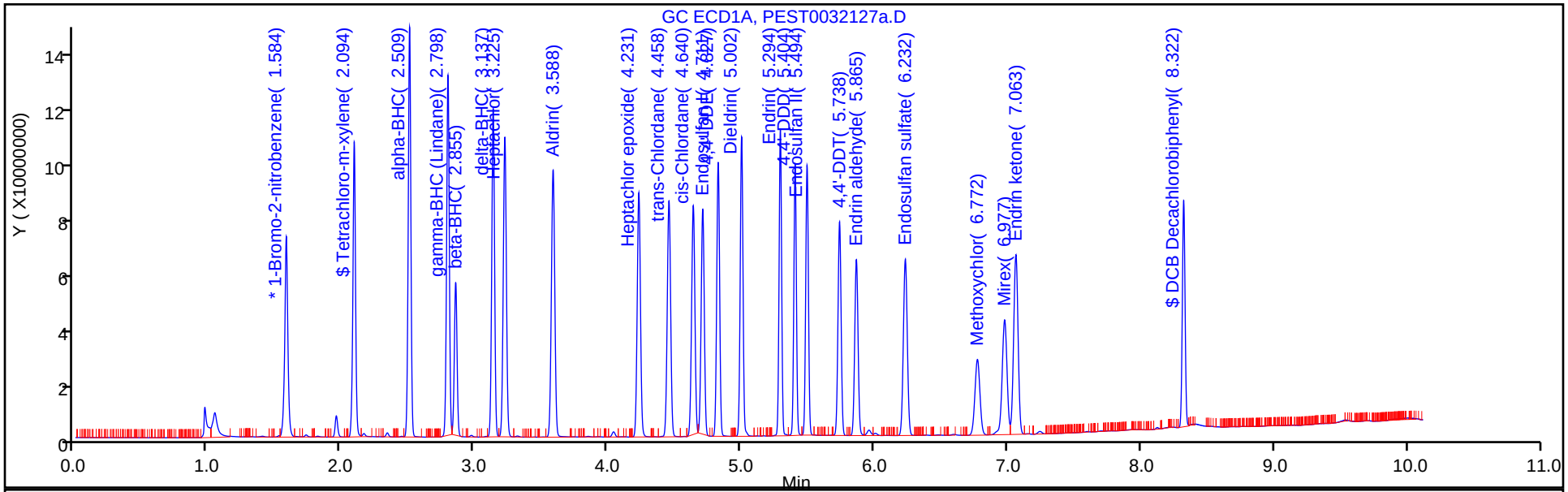
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

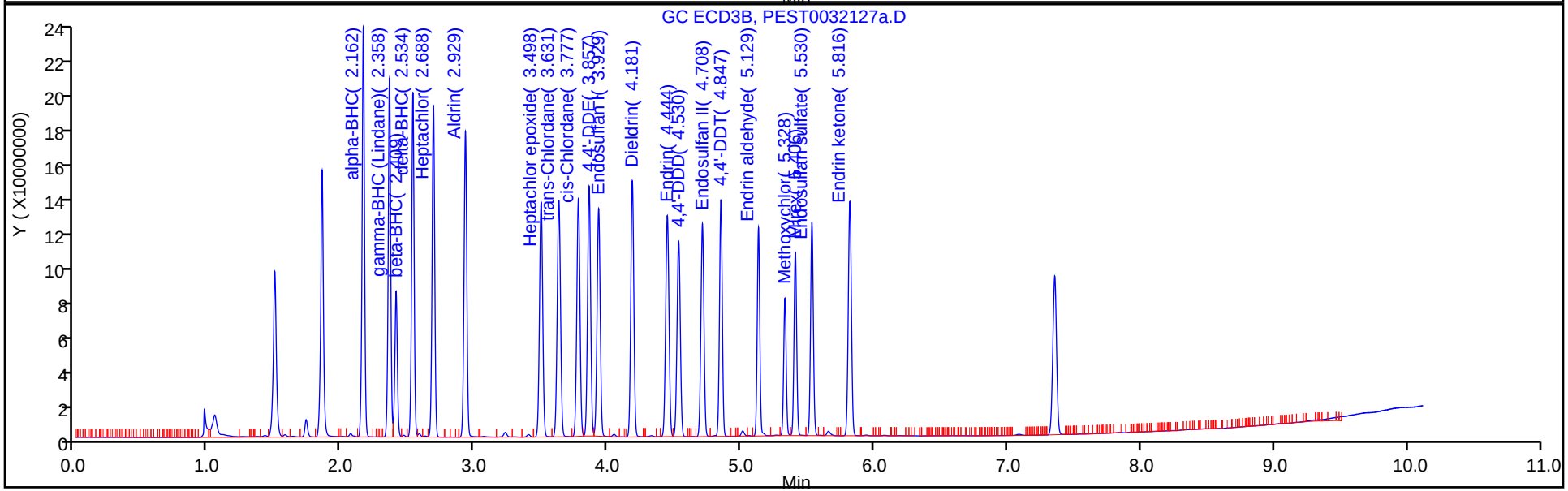
Report Date: 02-Nov-2021 04:01:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032127a.D

Injection Date:	01-Nov-2021 14:13:50	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/4 Calibration Date: 11/01/2021 14:38

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032129.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0357	0.0420		1180	1000	17.8	20.0
Chlordane (technical) Peak 1	Ave	0.0357	0.0420		1180	1000	17.8	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0376	0.0408		1080	1000	8.4	20.0
Chlordane (technical) Peak 2	Ave	0.0376	0.0408		1080	1000	8.4	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1185	0.1343		1130	1000	13.4	20.0
Chlordane (technical) Peak 3	Ave	0.1185	0.1343		1130	1000	13.4	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1310	0.1493		1140	1000	13.9	20.0
Chlordane (technical) Peak 4	Ave	0.1310	0.1493		1140	1000	13.9	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0923	0.1025		1110	1000	11.0	20.0
Chlordane (technical) Peak 5	Ave	0.0923	0.1025		1110	1000	11.0	20.0
Chlordane (n.o.s.)	None		0.0420		1130	1000	12.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/4 Calibration Date: 11/01/2021 14:38

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032129.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.08	3.07	3.09
Chlordane (technical) Peak 1	3.08	3.07	3.09
Chlordane (n.o.s.) Peak 2	3.75	3.74	3.76
Chlordane (technical) Peak 2	3.75	3.74	3.76
Chlordane (n.o.s.) Peak 3	4.46	4.45	4.47
Chlordane (technical) Peak 3	4.46	4.45	4.47
Chlordane (n.o.s.) Peak 4	4.58	4.57	4.59
Chlordane (technical) Peak 4	4.58	4.57	4.59
Chlordane (n.o.s.) Peak 5	4.64	4.63	4.65
Chlordane (technical) Peak 5	4.64	4.63	4.65
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032129.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 01-Nov-2021 14:38:37 ALS Bottle#: 56 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:43 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:15:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	153657242	100.0	100.0	
2	1.498	1.497	0.001	207594730	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.079	3.079	0.000	64531266	1000.0	1177.8	M
1	3.747	3.747	0.000	62703560	1000.0	1084.2	M
1	4.457	4.457	0.000	206380858	1000.0	1133.8	M
1	4.576	4.576	0.000	229341362	1000.0	1139.3	M
1	4.640	4.640	0.000	157479332	1000.0	1110.3	M
		Average of Peak Amounts =				1129.1	
2	2.631	2.631	0.000	78369868	1000.0	1040.9	
2	3.040	3.040	0.000	93518986	1000.0	1070.0	
2	3.427	3.427	0.000	60748706	1000.0	999.2	
2	3.631	3.631	0.000	347626390	1000.0	1139.6	
2	3.760	3.760	0.000	608246120	1000.0	1170.5	
		Average of Peak Amounts =				1084.0	
						RPD = 4.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.079	3.079	0.000	64531266	1000.0	1177.8	M
1	3.747	3.747	0.000	62703560	1000.0	1084.2	M
1	4.457	4.457	0.000	206380858	1000.0	1133.8	M
1	4.576	4.576	0.000	229341362	1000.0	1139.3	M
1	4.640	4.640	0.000	157479332	1000.0	1110.3	M
		Average of Peak Amounts =				1129.1	
2	2.631	2.631	0.000	78369868	1000.0	1040.9	
2	3.040	3.040	0.000	93518986	1000.0	1070.0	
2	3.427	3.427	0.000	60748706	1000.0	999.2	
2	3.631	3.631	0.000	347626390	1000.0	1139.6	
2	3.760	3.760	0.000	608246120	1000.0	1170.5	
		Average of Peak Amounts =				1084.0	
						RPD = 4.07	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

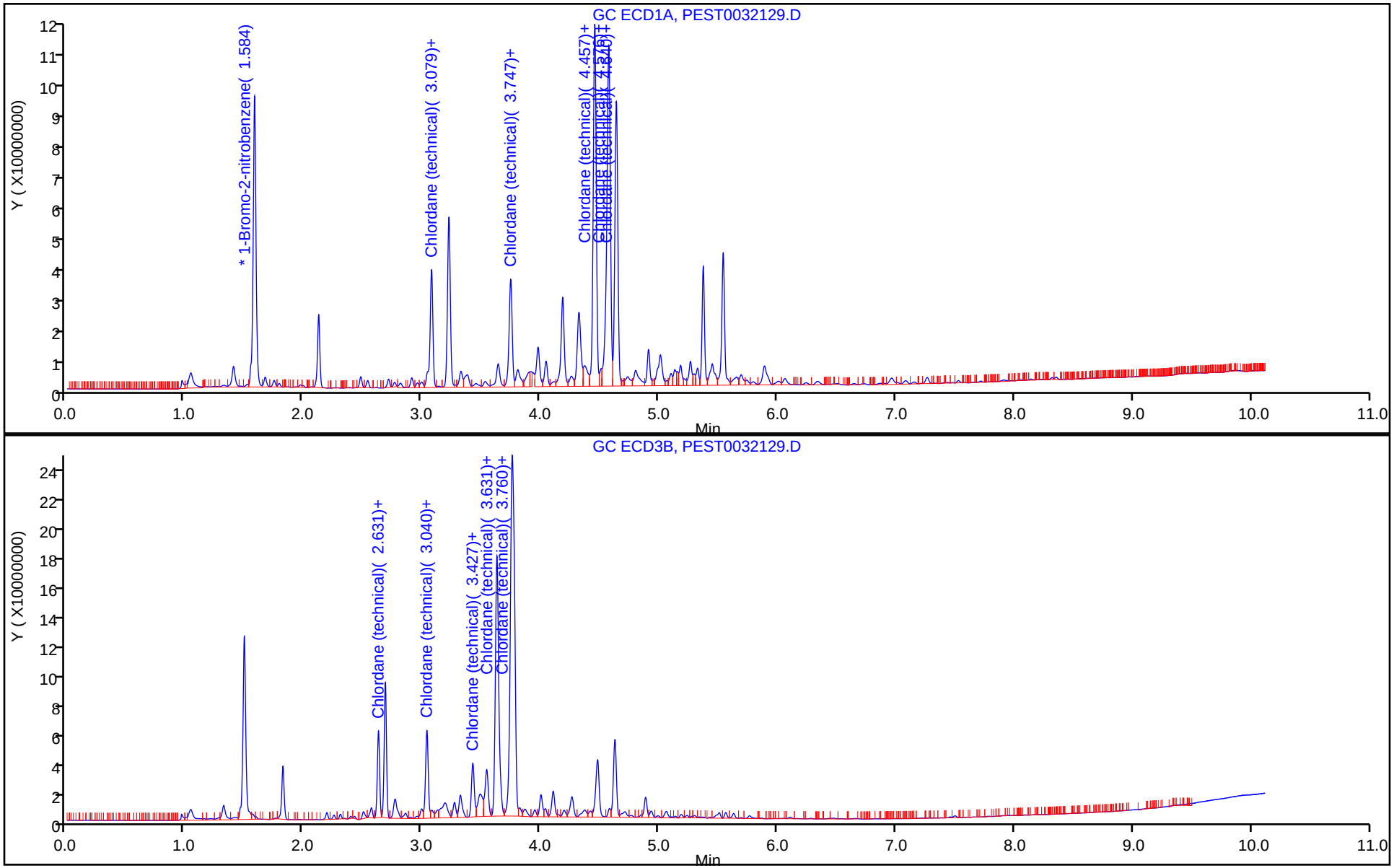
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 04:01:44 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032129.D

Injection Date:	01-Nov-2021 14:38:37	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	56
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/4 Calibration Date: 11/01/2021 14:38

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032129.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0363	0.0378		1040	1000	4.1	20.0
Chlordane (technical) Peak 1	Ave	0.0363	0.0378		1040	1000	4.1	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0421	0.0450		1070	1000	7.0	20.0
Chlordane (technical) Peak 2	Ave	0.0421	0.0450		1070	1000	7.0	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0293	0.0293		999	1000	-0.0	20.0
Chlordane (technical) Peak 3	Ave	0.0293	0.0293		999	1000	-0.0	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1469	0.1675		1140	1000	14.0	20.0
Chlordane (technical) Peak 4	Ave	0.1469	0.1675		1140	1000	14.0	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2503	0.2930		1170	1000	17.0	20.0
Chlordane (technical) Peak 5	Ave	0.2503	0.2930		1170	1000	17.0	20.0
Chlordane (n.o.s.)	None		0.0378		1080	1000	8.4	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/4 Calibration Date: 11/01/2021 14:38

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032129.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.63	2.62	2.64
Chlordane (technical) Peak 1	2.63	2.62	2.64
Chlordane (n.o.s.) Peak 2	3.04	3.03	3.05
Chlordane (technical) Peak 2	3.04	3.03	3.05
Chlordane (n.o.s.) Peak 3	3.43	3.42	3.44
Chlordane (technical) Peak 3	3.43	3.42	3.44
Chlordane (n.o.s.) Peak 4	3.63	3.62	3.64
Chlordane (technical) Peak 4	3.63	3.62	3.64
Chlordane (n.o.s.) Peak 5	3.76	3.75	3.77
Chlordane (technical) Peak 5	3.76	3.75	3.77
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032129.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 01-Nov-2021 14:38:37 ALS Bottle#: 56 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:43 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:15:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	153657242	100.0	100.0	
2	1.498	1.497	0.001	207594730	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.079	3.079	0.000	64531266	1000.0	1177.8	M
1	3.747	3.747	0.000	62703560	1000.0	1084.2	M
1	4.457	4.457	0.000	206380858	1000.0	1133.8	M
1	4.576	4.576	0.000	229341362	1000.0	1139.3	M
1	4.640	4.640	0.000	157479332	1000.0	1110.3	M
		Average of Peak Amounts =				1129.1	
2	2.631	2.631	0.000	78369868	1000.0	1040.9	
2	3.040	3.040	0.000	93518986	1000.0	1070.0	
2	3.427	3.427	0.000	60748706	1000.0	999.2	
2	3.631	3.631	0.000	347626390	1000.0	1139.6	
2	3.760	3.760	0.000	608246120	1000.0	1170.5	
		Average of Peak Amounts =				1084.0	
						RPD = 4.07	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.079	3.079	0.000	64531266	1000.0	1177.8	M
1	3.747	3.747	0.000	62703560	1000.0	1084.2	M
1	4.457	4.457	0.000	206380858	1000.0	1133.8	M
1	4.576	4.576	0.000	229341362	1000.0	1139.3	M
1	4.640	4.640	0.000	157479332	1000.0	1110.3	M
		Average of Peak Amounts =				1129.1	
2	2.631	2.631	0.000	78369868	1000.0	1040.9	
2	3.040	3.040	0.000	93518986	1000.0	1070.0	
2	3.427	3.427	0.000	60748706	1000.0	999.2	
2	3.631	3.631	0.000	347626390	1000.0	1139.6	
2	3.760	3.760	0.000	608246120	1000.0	1170.5	
		Average of Peak Amounts =				1084.0	
						RPD = 4.07	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

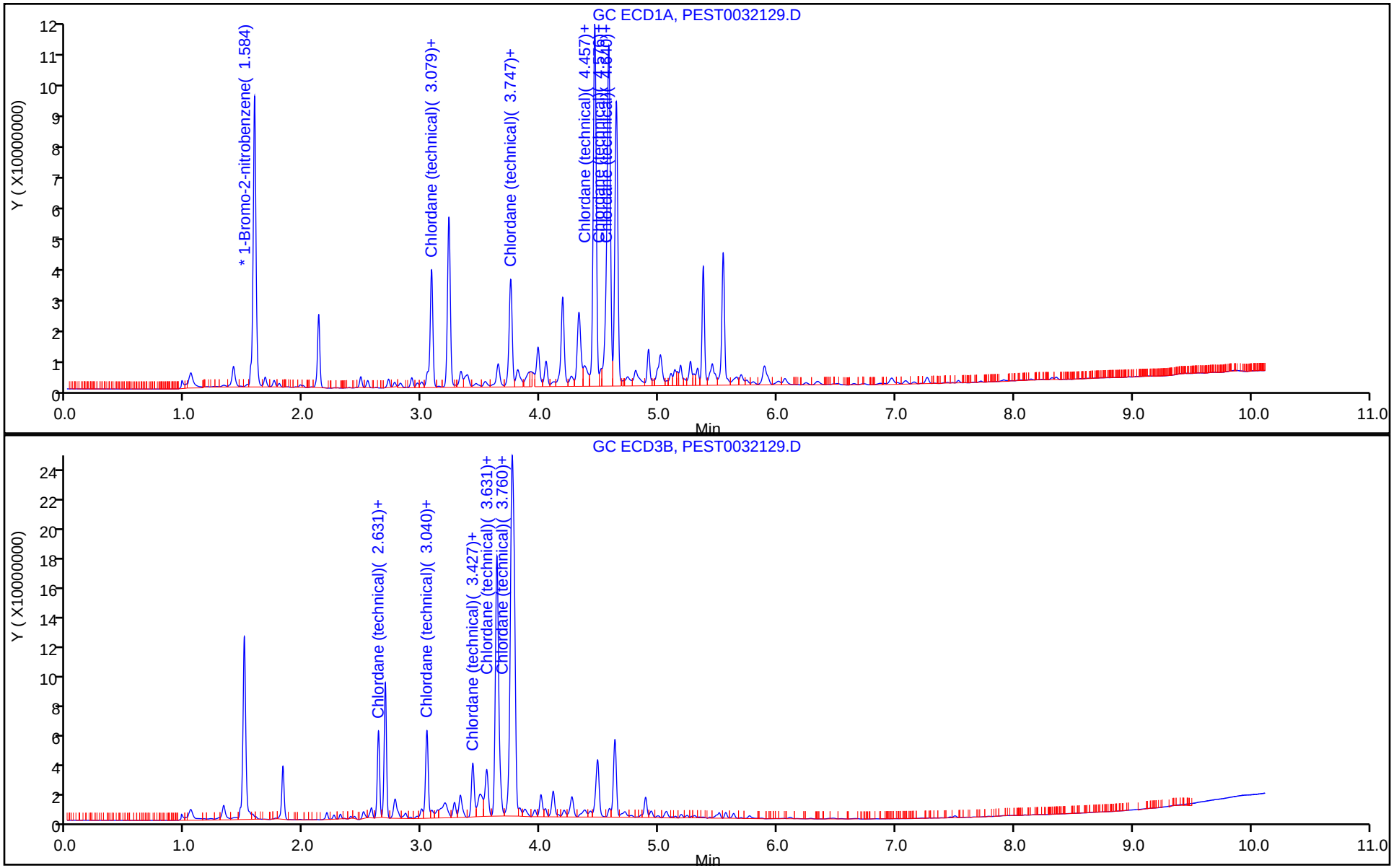
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 04:01:45 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032129.D

Injection Date:	01-Nov-2021 14:38:37	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	56
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/5 Calibration Date: 11/01/2021 14:50

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032130.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0405	0.0241		0.110	1000	-40.5*	20.0
Toxaphene Peak 2	Ave	0.0264	0.0356		0.110	1000	35.0*	20.0
Toxaphene Peak 3	Ave	0.0754	0.0659		874	1000	-12.6	20.0
Toxaphene Peak 4	Ave	0.0432	0.0394		912	1000	-8.8	20.0
Toxaphene Peak 5	Ave	0.0363	0.0327		901	1000	-9.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/5 Calibration Date: 11/01/2021 14:50

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032130.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.98	4.97	4.99
Toxaphene Peak 2	5.48	5.47	5.49
Toxaphene Peak 3	5.58	5.57	5.59
Toxaphene Peak 4	5.88	5.87	5.89
Toxaphene Peak 5	6.59	6.58	6.60

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032130.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 01-Nov-2021 14:50:54 ALS Bottle#: 57 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:51 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:15:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.583	1.584	-0.001	128635667	100.0	100.0	
2	1.496	1.497	-0.001	171638498	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	0.000	4.981	0.000	0	1000.0	0	
1	0.000	5.482	0.000	0	1000.0	0	
1	5.582	5.582	0.000	84829667	1000.0	874.3	M
1	5.882	5.882	0.000	50693584	1000.0	911.5	M
1	6.590	6.590	0.000	42086436	1000.0	901.2	M
		Average of Peak Amounts =				895.7	
2	4.698	4.698	0.000	106855413	1000.0	967.8	M
2	4.826	4.826	0.000	84696772	1000.0	879.0	M
2	5.046	5.046	0.000	82891029	1000.0	865.3	M
2	5.240	5.240	0.000	77078380	1000.0	846.0	M
2	5.425	5.425	0.000	81520471	1000.0	801.0	M
		Average of Peak Amounts =				871.8	
						RPD = 2.70	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

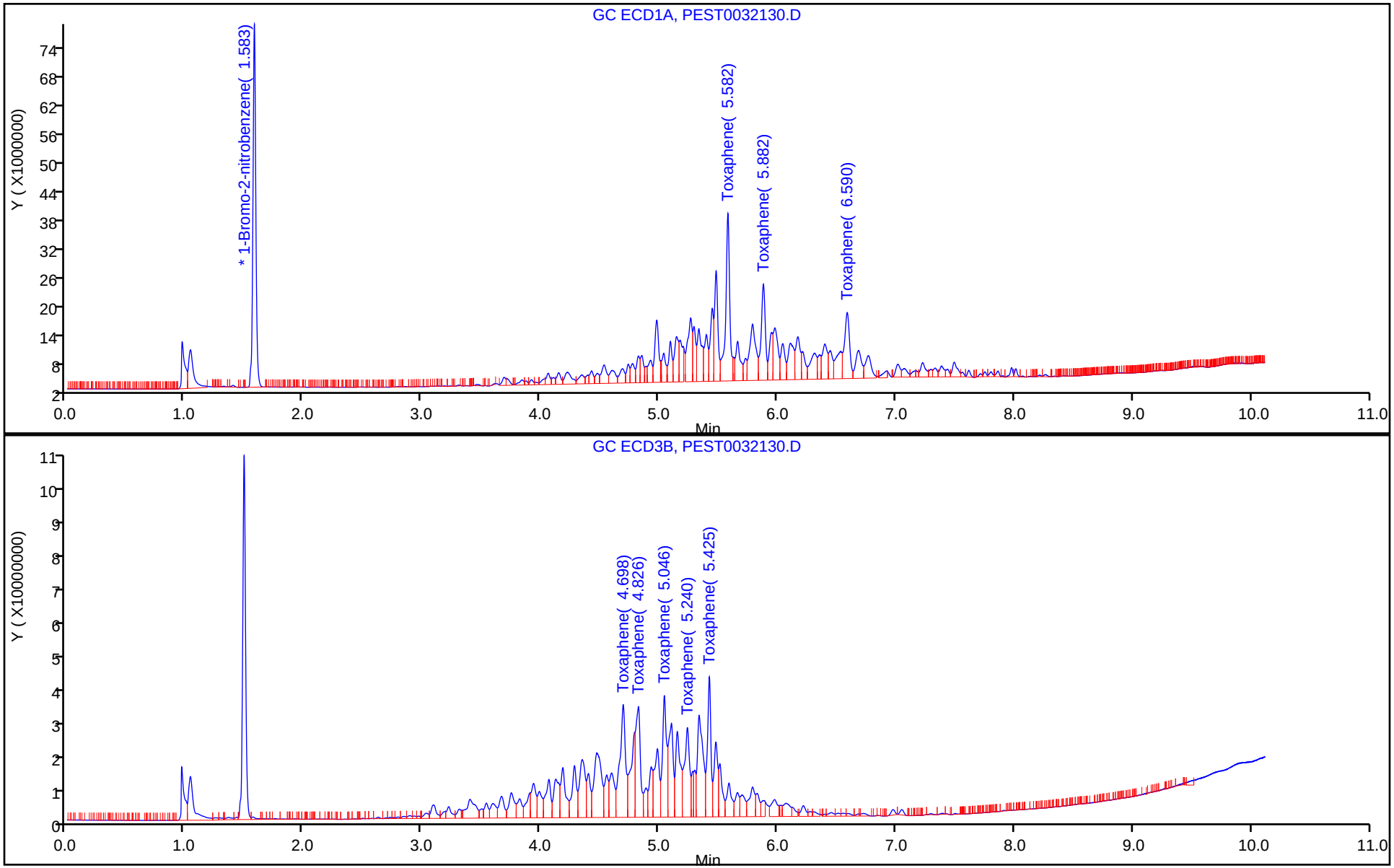
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:01:52 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032130.D

Injection Date:	01-Nov-2021 14:50:54	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/5 Calibration Date: 11/01/2021 14:50

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032130.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0643	0.0623		968	1000	-3.2	20.0
Toxaphene Peak 2	Ave	0.0561	0.0493		879	1000	-12.1	20.0
Toxaphene Peak 3	Ave	0.0558	0.0483		865	1000	-13.5	20.0
Toxaphene Peak 4	Ave	0.0531	0.0449		846	1000	-15.4	20.0
Toxaphene Peak 5	Ave	0.0593	0.0475		801	1000	-19.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810665/5 Calibration Date: 11/01/2021 14:50

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032130.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.70	4.69	4.71
Toxaphene Peak 2	4.83	4.82	4.84
Toxaphene Peak 3	5.05	5.04	5.06
Toxaphene Peak 4	5.24	5.23	5.25
Toxaphene Peak 5	5.43	5.42	5.44

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032130.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 01-Nov-2021 14:50:54 ALS Bottle#: 57 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:01:51 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:15:43

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.583	1.584	-0.001	128635667	100.0	100.0	
2	1.496	1.497	-0.001	171638498	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	0.000	4.981	0.000	0	1000.0	0	
1	0.000	5.482	0.000	0	1000.0	0	
1	5.582	5.582	0.000	84829667	1000.0	874.3	M
1	5.882	5.882	0.000	50693584	1000.0	911.5	M
1	6.590	6.590	0.000	42086436	1000.0	901.2	M
		Average of Peak Amounts =				895.7	
2	4.698	4.698	0.000	106855413	1000.0	967.8	M
2	4.826	4.826	0.000	84696772	1000.0	879.0	M
2	5.046	5.046	0.000	82891029	1000.0	865.3	M
2	5.240	5.240	0.000	77078380	1000.0	846.0	M
2	5.425	5.425	0.000	81520471	1000.0	801.0	M
		Average of Peak Amounts =				871.8	
						RPD = 2.70	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

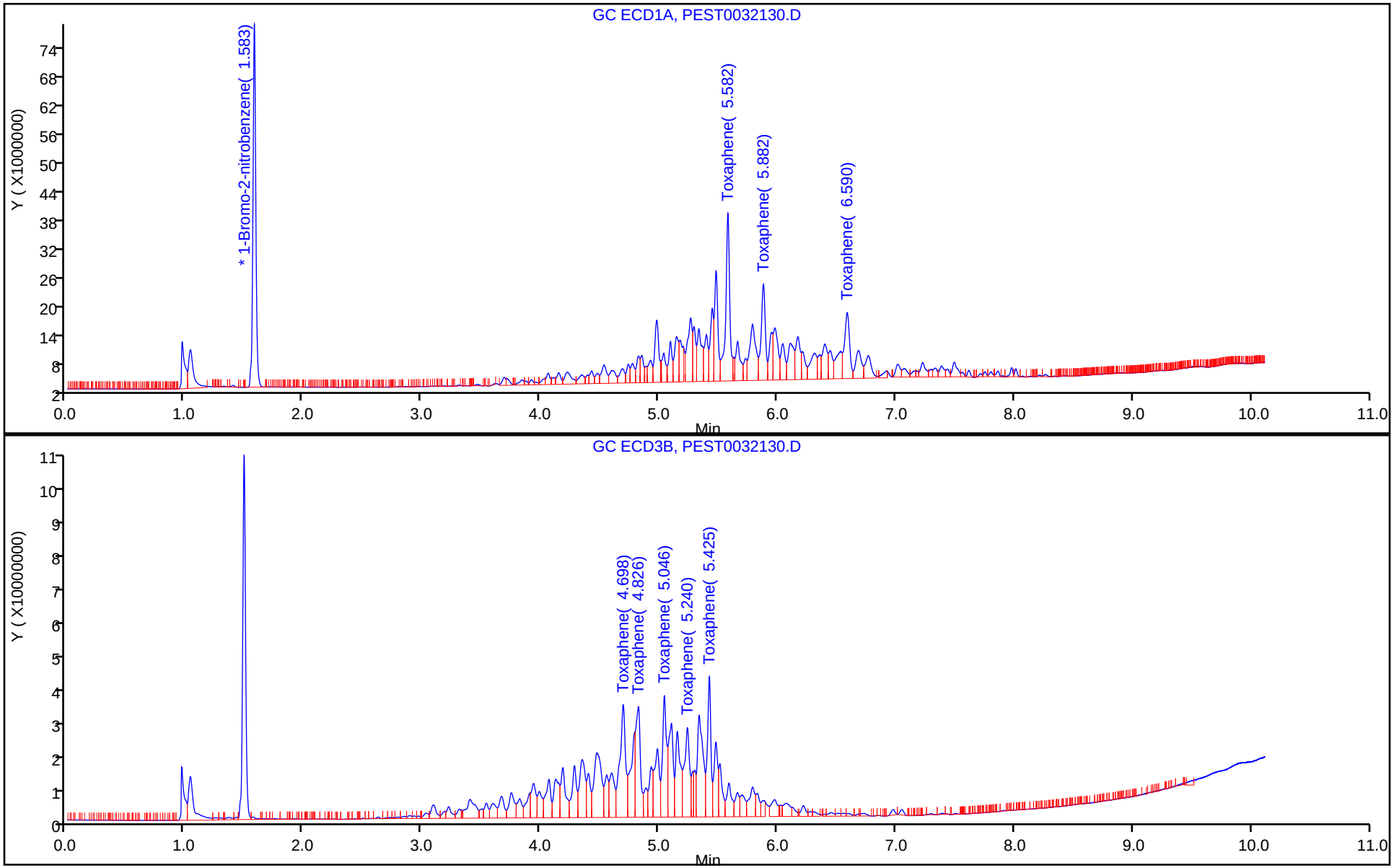
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:01:52 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032130.D

Injection Date:	01-Nov-2021 14:50:54	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	57
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810761/3 Calibration Date: 11/02/2021 03:53

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032155.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.644	1.707		104	100	3.8	20.0
gamma-BHC (Lindane)	Ave	1.495	1.515		101	100	1.3	20.0
beta-BHC	Ave	0.5957	0.6448		108	100	8.2	20.0
delta-BHC	Ave	1.275	1.501		118	100	17.7	20.0
Heptachlor	Ave	1.400	1.474		105	100	5.3	20.0
Aldrin	Ave	1.383	1.430		103	100	3.4	20.0
Heptachlor epoxide	Ave	1.234	1.254		102	100	1.6	20.0
trans-Chlordane	Ave	1.214	1.240		102	100	2.1	20.0
cis-Chlordane	Ave	1.191	1.173		98.5	100	-1.5	20.0
Endosulfan I	Ave	1.140	1.114		97.7	100	-2.3	20.0
4,4'-DDE	Ave	1.264	1.247		98.6	100	-1.4	20.0
Dieldrin	Ave	1.283	1.310		102	100	2.1	20.0
Endrin	Ave	1.211	1.266		105	100	4.5	20.0
4,4'-DDD	Ave	1.048	1.077		103	100	2.7	20.0
Endosulfan II	Ave	1.087	1.149		106	100	5.7	20.0
4,4'-DDT	Ave	0.997	1.046		105	100	5.0	20.0
Endrin aldehyde	Ave	0.8578	0.8810		103	100	2.7	20.0
Endosulfan sulfate	Ave	0.9666	1.030		107	100	6.6	20.0
Methoxychlor	Ave	0.5719	0.6030		105	100	5.4	20.0
Mirex	Ave	0.8267	0.8859		107	100	7.2	20.0
Endrin ketone	Ave	0.9669	1.249		129	100	29.2*	20.0
Tetrachloro-m-xylene	Ave	1.228	1.230		100	100	0.2	20.0
DCB Decachlorobiphenyl	Ave	0.9101	0.9874		108	100	8.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810761/3 Calibration Date: 11/02/2021 03:53

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032155.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.51	2.50	2.52
gamma-BHC (Lindane)	2.80	2.79	2.81
beta-BHC	2.86	2.85	2.87
delta-BHC	3.14	3.13	3.15
Heptachlor	3.23	3.22	3.24
Aldrin	3.59	3.58	3.60
Heptachlor epoxide	4.23	4.22	4.24
trans-Chlordane	4.46	4.45	4.47
cis-Chlordane	4.64	4.63	4.65
Endosulfan I	4.71	4.70	4.72
4,4'-DDE	4.83	4.82	4.84
Dieldrin	5.00	4.99	5.01
Endrin	5.30	5.29	5.31
4,4'-DDD	5.41	5.40	5.42
Endosulfan II	5.50	5.49	5.51
4,4'-DDT	5.74	5.73	5.75
Endrin aldehyde	5.87	5.86	5.88
Endosulfan sulfate	6.23	6.22	6.24
Methoxychlor	6.77	6.76	6.78
Mirex	6.98	6.97	6.99
Endrin ketone	7.06	7.05	7.07
Tetrachloro-m-xylene	2.10	2.09	2.11
DCB Decachlorobiphenyl	8.32	8.31	8.33

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032155.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Nov-2021 03:53:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:41:56 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:34:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	115740346	100.0	100.0	
2	1.499	1.499	0.000	150453615	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.095	2.095	0.000	142380007	100.0	100.2	
2	1.853	1.853	0.000	215006296	100.0	110.0	
						RPD = 9.34	
15 alpha-BHC							
1	2.511	2.511	0.000	197526734	100.0	103.8	
2	2.163	2.163	0.000	283290172	100.0	108.7	
						RPD = 4.63	
2 gamma-BHC (Lindane)							M
1	2.799	2.799	0.000	175307647	100.0	101.3	
2	2.360	2.360	0.000	251325316	100.0	104.5	M
						RPD = 3.08	
6 beta-BHC							M
1	2.857	2.857	0.000	74623948	100.0	108.2	
2	2.409	2.409	0.000	103145031	100.0	113.9	M
						RPD = 5.13	
32 delta-BHC							
1	3.139	3.139	0.000	173686995	100.0	117.7	
2	2.536	2.536	0.000	245544592	100.0	122.5	
						RPD = 4.04	
18 Heptachlor							
1	3.227	3.227	0.000	170613265	100.0	105.3	
2	2.691	2.691	0.000	247800823	100.0	107.7	
						RPD = 2.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.589	3.589	0.000	165505864	100.0	103.4	
2	2.931	2.931	0.000	238850442	100.0	104.0	
						RPD = 0.60	
12 Heptachlor epoxide							
1	4.232	4.232	0.000	145123135	100.0	101.6	
2	3.500	3.500	0.000	215030223	100.0	100.4	
						RPD = 1.25	
9 trans-Chlordane							
1	4.459	4.459	0.000	143553526	100.0	102.1	
2	3.633	3.633	0.000	220017624	100.0	102.7	
						RPD = 0.56	
23 cis-Chlordane							
1	4.642	4.642	0.000	135797996	100.0	98.5	
2	3.779	3.779	0.000	209232559	100.0	101.4	
						RPD = 2.94	
7 Endosulfan I							
1	4.712	4.712	0.000	128890953	100.0	97.7	
2	3.931	3.931	0.000	200940981	100.0	101.5	
						RPD = 3.81	
25 4,4'-DDE							
1	4.828	4.828	0.000	144279114	100.0	98.6	
2	3.860	3.860	0.000	217442563	100.0	98.2	
						RPD = 0.43	
30 Dieldrin							M
1	5.004	5.004	0.000	151588581	100.0	102.1	
2	4.184	4.184	0.000	221023738	100.0	101.0	M
						RPD = 1.10	
20 Endrin							
1	5.295	5.295	0.000	146515213	100.0	104.5	
2	4.447	4.447	0.000	215549594	100.0	106.3	
						RPD = 1.70	
16 4,4'-DDD							
1	5.406	5.406	0.000	124606692	100.0	102.7	
2	4.532	4.532	0.000	178727822	100.0	100.0	
						RPD = 2.67	
11 Endosulfan II							
1	5.495	5.495	0.000	132946229	100.0	105.7	
2	4.711	4.711	0.000	185025848	100.0	98.8	
						RPD = 6.73	
21 4,4'-DDT							
1	5.740	5.740	0.000	121091382	100.0	105.0	
2	4.849	4.849	0.000	187718320	100.0	101.3	
						RPD = 3.58	
5 Endrin aldehyde							
1	5.865	5.865	0.000	101969253	100.0	102.7	
2	5.131	5.131	0.000	144607414	100.0	91.5	
						RPD = 11.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.234	6.234	0.000	119260799	100.0	106.6	
2	5.532	5.532	0.000	163145237	100.0	88.6	
						RPD = 18.48	
10 Methoxychlor							
1	6.774	6.774	0.000	69791255	100.0	105.4	
2	5.330	5.330	0.000	101468351	100.0	94.5	
						RPD = 10.89	
34 Mirex							
1	6.979	6.979	0.000	102537065	100.0	107.2	
2	5.407	5.407	0.000	140517872	100.0	90.8	
						RPD = 16.51	
13 Endrin ketone							
1	7.062	7.062	0.000	144596891	100.0	129.2	
2	5.816	5.816	0.000	210460640	100.0	116.7	
						RPD = 10.16	
$ 24 DCB Decachlorobiphenyl							
1	8.323	8.323	0.000	114285902	100.0	108.5	
2	7.354	7.354	0.000	178060937	100.0	85.7	
						RPD = 23.42	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

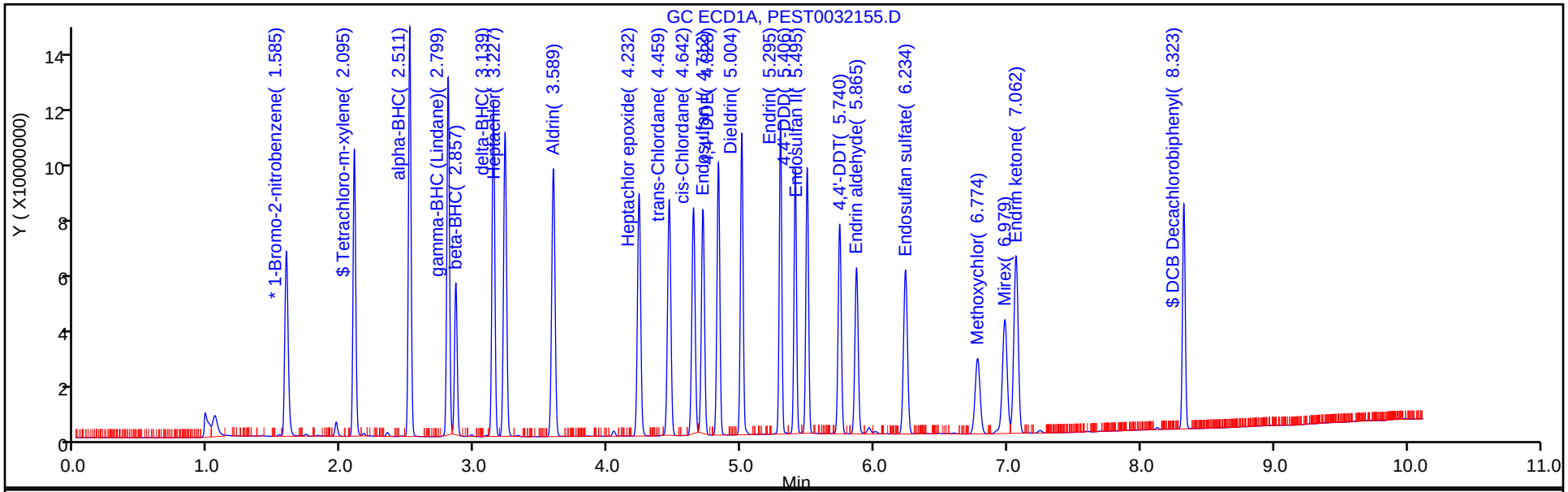
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

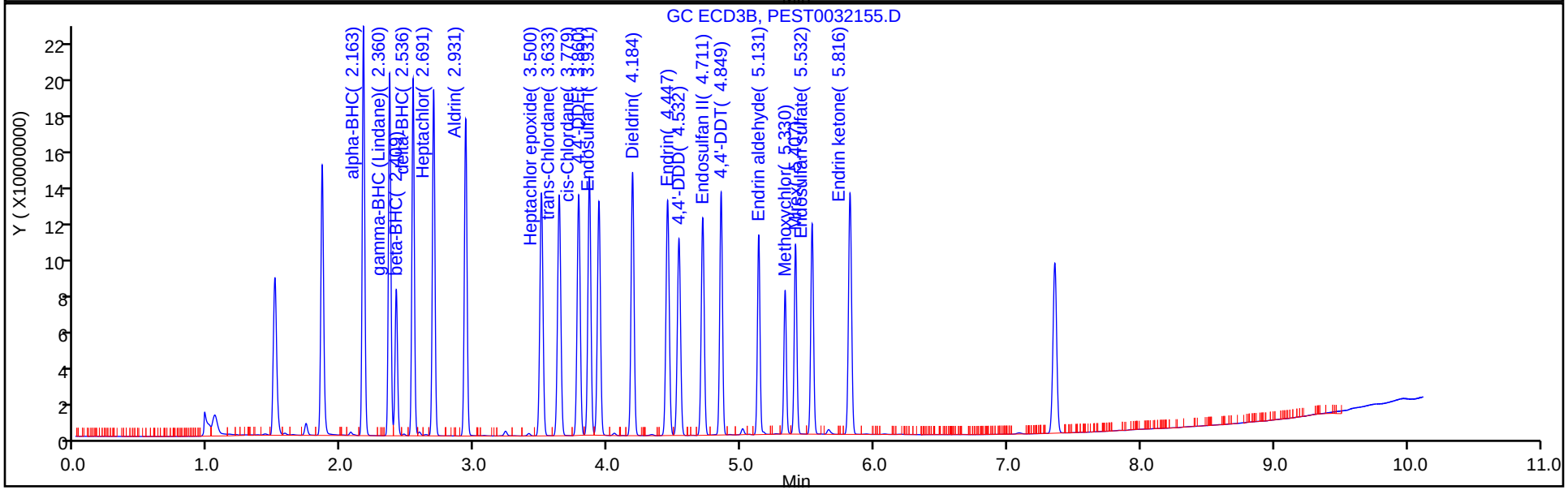
Report Date: 02-Nov-2021 06:41:57 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032155.D

Injection Date:	02-Nov-2021 03:53:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810761/3 Calibration Date: 11/02/2021 03:53

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032155.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.732	1.883		109	100	8.7	20.0
gamma-BHC (Lindane)	Ave	1.599	1.670		104	100	4.5	20.0
beta-BHC	Ave	0.6017	0.6856		114	100	13.9	20.0
delta-BHC	Ave	1.332	1.632		123	100	22.5*	20.0
Heptachlor	Ave	1.529	1.647		108	100	7.7	20.0
Aldrin	Ave	1.526	1.588		104	100	4.0	20.0
Heptachlor epoxide	Ave	1.424	1.429		100	100	0.4	20.0
trans-Chlordane	Ave	1.424	1.462		103	100	2.7	20.0
cis-Chlordane	Ave	1.371	1.391		101	100	1.4	20.0
4,4'-DDE	Ave	1.472	1.445		98.2	100	-1.8	20.0
Endosulfan I	Ave	1.316	1.336		102	100	1.5	20.0
Dieldrin	Ave	1.455	1.469		101	100	1.0	20.0
Endrin	Ave	1.348	1.433		106	100	6.3	20.0
4,4'-DDD	Ave	1.188	1.188		100	100	-0.0	20.0
Endosulfan II	Ave	1.244	1.230		98.8	100	-1.2	20.0
4,4'-DDT	Ave	1.232	1.248		101	100	1.3	20.0
Endrin aldehyde	Ave	1.051	0.9611		91.5	100	-8.5	20.0
Methoxychlor	Ave	0.7133	0.6744		94.5	100	-5.5	20.0
Mirex	Ave	1.028	0.9340		90.8	100	-9.2	20.0
Endosulfan sulfate	Ave	1.224	1.084		88.6	100	-11.4	20.0
Endrin ketone	Ave	1.199	1.399		117	100	16.7	20.0
Tetrachloro-m-xylene	Ave	1.299	1.429		110	100	10.0	20.0
DCB Decachlorobiphenyl	Ave	1.380	1.183		85.7	100	-14.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCVIS 460-810761/3 Calibration Date: 11/02/2021 03:53

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 07:35

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 08:24

Lab File ID: PEST0032155.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.16	2.15	2.17
gamma-BHC (Lindane)	2.36	2.35	2.37
beta-BHC	2.41	2.40	2.42
delta-BHC	2.54	2.53	2.55
Heptachlor	2.69	2.68	2.70
Aldrin	2.93	2.92	2.94
Heptachlor epoxide	3.50	3.49	3.51
trans-Chlordane	3.63	3.62	3.64
cis-Chlordane	3.78	3.77	3.79
4,4'-DDE	3.86	3.85	3.87
Endosulfan I	3.93	3.92	3.94
Dieldrin	4.18	4.17	4.19
Endrin	4.45	4.44	4.46
4,4'-DDD	4.53	4.52	4.54
Endosulfan II	4.71	4.70	4.72
4,4'-DDT	4.85	4.84	4.86
Endrin aldehyde	5.13	5.12	5.14
Methoxychlor	5.33	5.32	5.34
Mirex	5.41	5.40	5.42
Endosulfan sulfate	5.53	5.52	5.54
Endrin ketone	5.82	5.81	5.83
Tetrachloro-m-xylene	1.85	1.84	1.86
DCB Decachlorobiphenyl	7.35	7.34	7.36

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032155.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 02-Nov-2021 03:53:43 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:41:56 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:34:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	115740346	100.0	100.0	
2	1.499	1.499	0.000	150453615	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.095	2.095	0.000	142380007	100.0	100.2	
2	1.853	1.853	0.000	215006296	100.0	110.0	
						RPD = 9.34	
15 alpha-BHC							
1	2.511	2.511	0.000	197526734	100.0	103.8	
2	2.163	2.163	0.000	283290172	100.0	108.7	
						RPD = 4.63	
2 gamma-BHC (Lindane)							M
1	2.799	2.799	0.000	175307647	100.0	101.3	
2	2.360	2.360	0.000	251325316	100.0	104.5	M
						RPD = 3.08	
6 beta-BHC							M
1	2.857	2.857	0.000	74623948	100.0	108.2	
2	2.409	2.409	0.000	103145031	100.0	113.9	M
						RPD = 5.13	
32 delta-BHC							
1	3.139	3.139	0.000	173686995	100.0	117.7	
2	2.536	2.536	0.000	245544592	100.0	122.5	
						RPD = 4.04	
18 Heptachlor							
1	3.227	3.227	0.000	170613265	100.0	105.3	
2	2.691	2.691	0.000	247800823	100.0	107.7	
						RPD = 2.26	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.589	3.589	0.000	165505864	100.0	103.4	
2	2.931	2.931	0.000	238850442	100.0	104.0	
						RPD = 0.60	
12 Heptachlor epoxide							
1	4.232	4.232	0.000	145123135	100.0	101.6	
2	3.500	3.500	0.000	215030223	100.0	100.4	
						RPD = 1.25	
9 trans-Chlordane							
1	4.459	4.459	0.000	143553526	100.0	102.1	
2	3.633	3.633	0.000	220017624	100.0	102.7	
						RPD = 0.56	
23 cis-Chlordane							
1	4.642	4.642	0.000	135797996	100.0	98.5	
2	3.779	3.779	0.000	209232559	100.0	101.4	
						RPD = 2.94	
7 Endosulfan I							
1	4.712	4.712	0.000	128890953	100.0	97.7	
2	3.931	3.931	0.000	200940981	100.0	101.5	
						RPD = 3.81	
25 4,4'-DDE							
1	4.828	4.828	0.000	144279114	100.0	98.6	
2	3.860	3.860	0.000	217442563	100.0	98.2	
						RPD = 0.43	
30 Dieldrin							M
1	5.004	5.004	0.000	151588581	100.0	102.1	
2	4.184	4.184	0.000	221023738	100.0	101.0	M
						RPD = 1.10	
20 Endrin							
1	5.295	5.295	0.000	146515213	100.0	104.5	
2	4.447	4.447	0.000	215549594	100.0	106.3	
						RPD = 1.70	
16 4,4'-DDD							
1	5.406	5.406	0.000	124606692	100.0	102.7	
2	4.532	4.532	0.000	178727822	100.0	100.0	
						RPD = 2.67	
11 Endosulfan II							
1	5.495	5.495	0.000	132946229	100.0	105.7	
2	4.711	4.711	0.000	185025848	100.0	98.8	
						RPD = 6.73	
21 4,4'-DDT							
1	5.740	5.740	0.000	121091382	100.0	105.0	
2	4.849	4.849	0.000	187718320	100.0	101.3	
						RPD = 3.58	
5 Endrin aldehyde							
1	5.865	5.865	0.000	101969253	100.0	102.7	
2	5.131	5.131	0.000	144607414	100.0	91.5	
						RPD = 11.57	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.234	6.234	0.000	119260799	100.0	106.6	
2	5.532	5.532	0.000	163145237	100.0	88.6	
						RPD = 18.48	
10 Methoxychlor							
1	6.774	6.774	0.000	69791255	100.0	105.4	
2	5.330	5.330	0.000	101468351	100.0	94.5	
						RPD = 10.89	
34 Mirex							
1	6.979	6.979	0.000	102537065	100.0	107.2	
2	5.407	5.407	0.000	140517872	100.0	90.8	
						RPD = 16.51	
13 Endrin ketone							
1	7.062	7.062	0.000	144596891	100.0	129.2	
2	5.816	5.816	0.000	210460640	100.0	116.7	
						RPD = 10.16	
$ 24 DCB Decachlorobiphenyl							
1	8.323	8.323	0.000	114285902	100.0	108.5	
2	7.354	7.354	0.000	178060937	100.0	85.7	
						RPD = 23.42	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

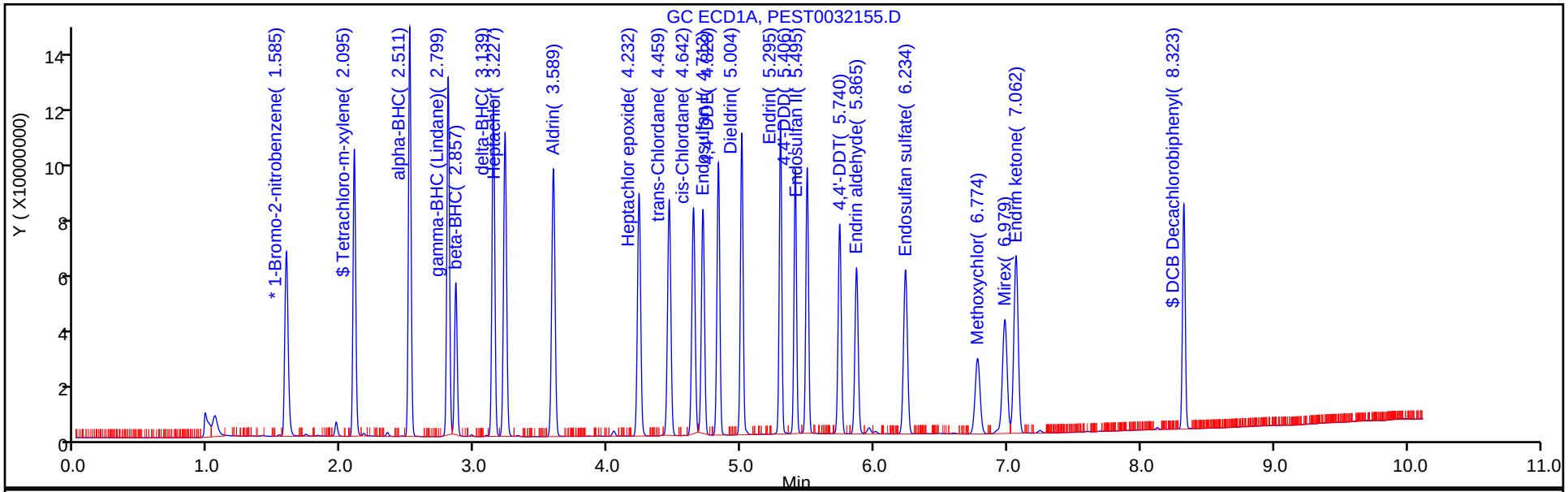
SGPESTL3_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

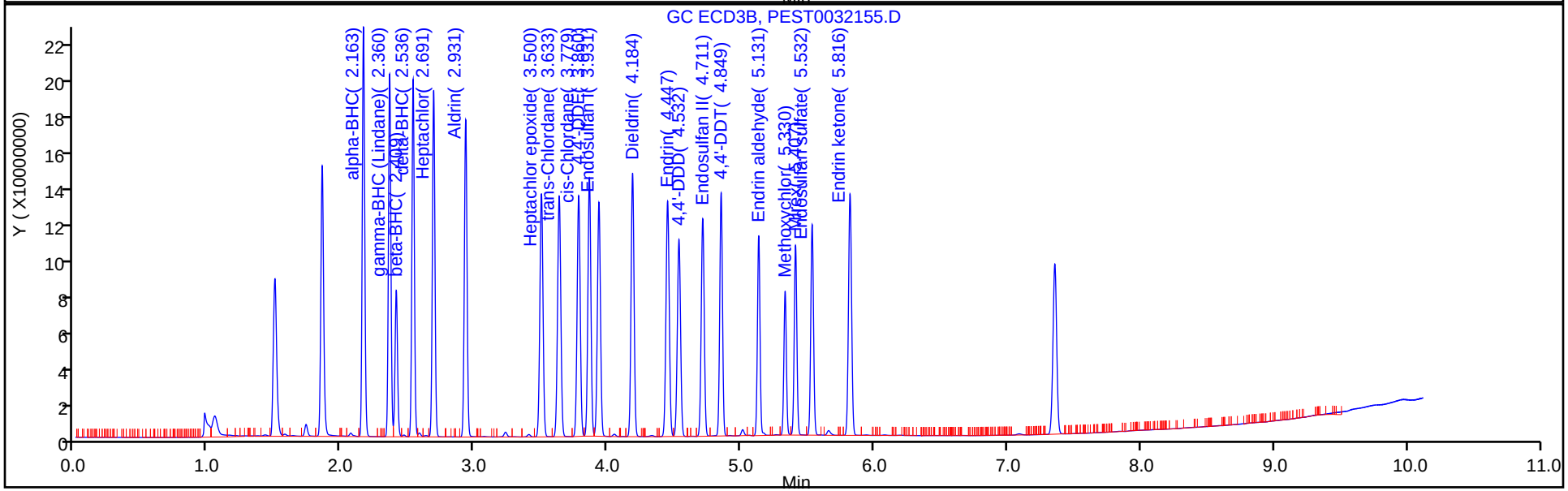
Report Date: 02-Nov-2021 06:41:58 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032155.D

Injection Date:	02-Nov-2021 03:53:43	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/4 Calibration Date: 11/02/2021 04:05

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032156.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0357	0.0428		1200	1000	19.9	20.0
Chlordane (technical) Peak 1	Ave	0.0357	0.0428		1200	1000	19.9	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0376	0.0456		1210	1000	21.1*	20.0
Chlordane (technical) Peak 2	Ave	0.0376	0.0456		1210	1000	21.1*	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1185	0.1492		1260	1000	25.9*	20.0
Chlordane (technical) Peak 3	Ave	0.1185	0.1492		1260	1000	25.9*	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1310	0.1666		1270	1000	27.2*	20.0
Chlordane (technical) Peak 4	Ave	0.1310	0.1666		1270	1000	27.2*	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0923	0.1147		1240	1000	24.2*	20.0
Chlordane (technical) Peak 5	Ave	0.0923	0.1147		1240	1000	24.2*	20.0
Chlordane (n.o.s.)	None		0.0428		1240	1000	23.7*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/4 Calibration Date: 11/02/2021 04:05

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032156.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.08	3.07	3.09
Chlordane (technical) Peak 1	3.08	3.07	3.09
Chlordane (n.o.s.) Peak 2	3.75	3.74	3.76
Chlordane (technical) Peak 2	3.75	3.74	3.76
Chlordane (n.o.s.) Peak 3	4.46	4.45	4.47
Chlordane (technical) Peak 3	4.46	4.45	4.47
Chlordane (n.o.s.) Peak 4	4.58	4.57	4.59
Chlordane (technical) Peak 4	4.58	4.57	4.59
Chlordane (n.o.s.) Peak 5	4.64	4.63	4.65
Chlordane (technical) Peak 5	4.64	4.63	4.65
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032156.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:05:57 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:04 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:37:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	128832497	100.0	100.0	
2	1.498	1.499	-0.001	185530170	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							
1	3.080	3.079	0.001	55101172	1000.0	1199.4	
1	3.748	3.747	0.001	58726041	1000.0	1211.1	
1	4.459	4.457	0.002	192194031	1000.0	1259.4	
1	4.577	4.576	0.001	214631709	1000.0	1271.7	
1	4.640	4.640	0.000	147753381	1000.0	1242.4	
		Average of Peak Amounts =				1236.8	
2	2.632	2.631	0.001	71761974	1000.0	1066.5	
2	3.042	3.040	0.002	84471352	1000.0	1081.4	
2	3.429	3.427	0.002	54292902	1000.0	999.2	
2	3.633	3.631	0.002	311129071	1000.0	1141.2	
2	3.762	3.760	0.002	543406851	1000.0	1170.0	
		Average of Peak Amounts =				1091.7	
						RPD = 12.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							
1	3.080	3.079	0.001	55101172	1000.0	1199.4	
1	3.748	3.747	0.001	58726041	1000.0	1211.1	
1	4.459	4.457	0.002	192194031	1000.0	1259.4	
1	4.577	4.576	0.001	214631709	1000.0	1271.7	
1	4.640	4.640	0.000	147753381	1000.0	1242.4	
		Average of Peak Amounts =				1236.8	
2	2.632	2.631	0.001	71761974	1000.0	1066.5	
2	3.042	3.040	0.002	84471352	1000.0	1081.4	
2	3.429	3.427	0.002	54292902	1000.0	999.2	
2	3.633	3.631	0.002	311129071	1000.0	1141.2	
2	3.762	3.760	0.002	543406851	1000.0	1170.0	
		Average of Peak Amounts =				1091.7	
						RPD = 12.47	

QC Flag Legend

Processing Flags

Reagents:

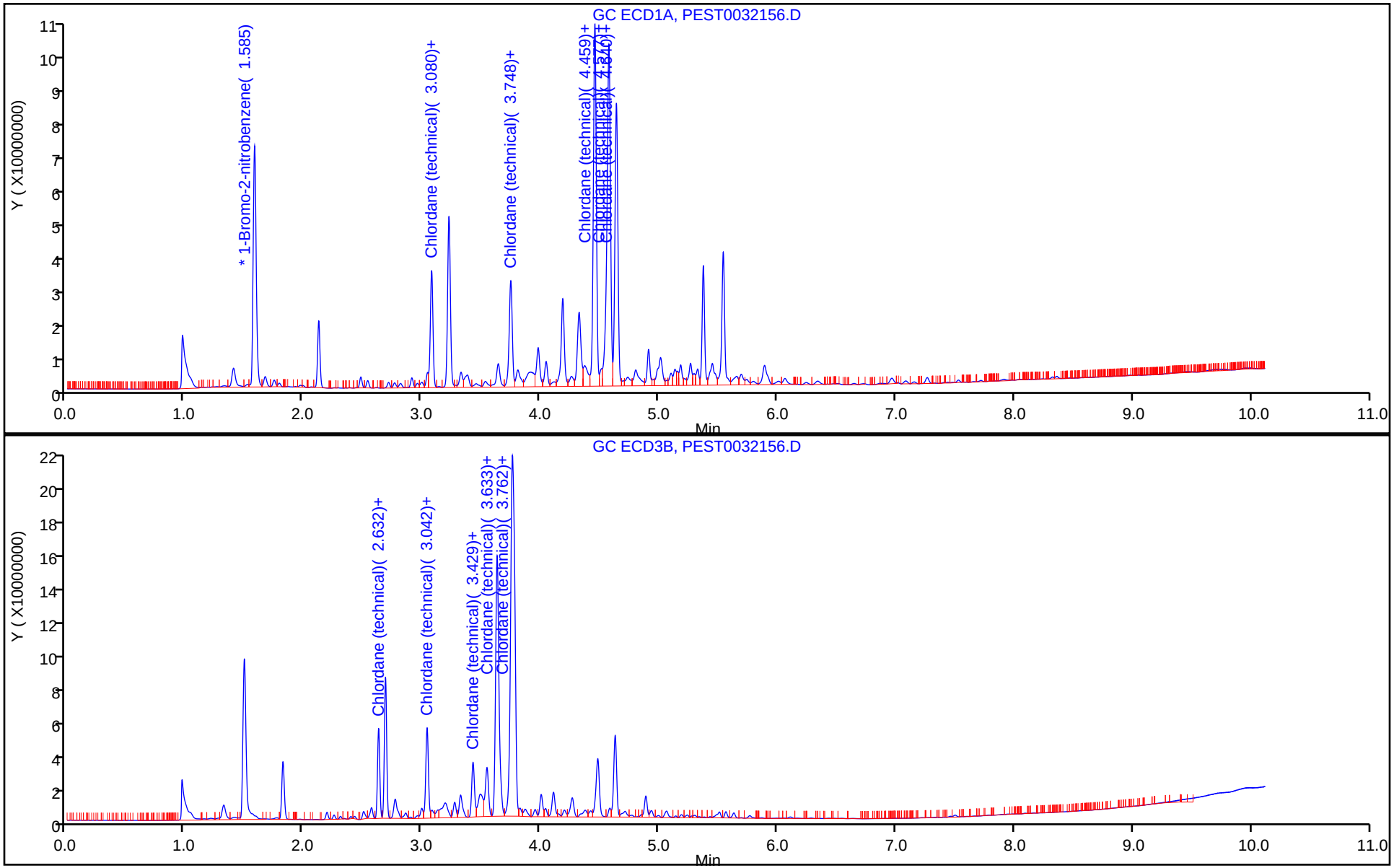
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 06:42:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032156.D

Injection Date:	02-Nov-2021 04:05:57	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/4 Calibration Date: 11/02/2021 04:05

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032156.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0363	0.0387		1070	1000	6.6	20.0
Chlordane (technical) Peak 1	Ave	0.0363	0.0387		1070	1000	6.6	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0421	0.0455		1080	1000	8.1	20.0
Chlordane (technical) Peak 2	Ave	0.0421	0.0455		1080	1000	8.1	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0293	0.0293		999	1000	-0.0	20.0
Chlordane (technical) Peak 3	Ave	0.0293	0.0293		999	1000	-0.0	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1469	0.1677		1140	1000	14.1	20.0
Chlordane (technical) Peak 4	Ave	0.1469	0.1677		1140	1000	14.1	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2503	0.2929		1170	1000	17.0	20.0
Chlordane (technical) Peak 5	Ave	0.2503	0.2929		1170	1000	17.0	20.0
Chlordane (n.o.s.)	None		0.0387		1090	1000	9.2	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/4 Calibration Date: 11/02/2021 04:05

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032156.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.63	2.62	2.64
Chlordane (technical) Peak 1	2.63	2.62	2.64
Chlordane (n.o.s.) Peak 2	3.04	3.03	3.05
Chlordane (technical) Peak 2	3.04	3.03	3.05
Chlordane (n.o.s.) Peak 3	3.43	3.42	3.44
Chlordane (technical) Peak 3	3.43	3.42	3.44
Chlordane (n.o.s.) Peak 4	3.63	3.62	3.64
Chlordane (technical) Peak 4	3.63	3.62	3.64
Chlordane (n.o.s.) Peak 5	3.76	3.75	3.77
Chlordane (technical) Peak 5	3.76	3.75	3.77
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032156.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:05:57 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:04 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:37:34

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.585	1.585	0.000	128832497	100.0	100.0	
2	1.498	1.499	-0.001	185530170	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							
1	3.080	3.079	0.001	55101172	1000.0	1199.4	
1	3.748	3.747	0.001	58726041	1000.0	1211.1	
1	4.459	4.457	0.002	192194031	1000.0	1259.4	
1	4.577	4.576	0.001	214631709	1000.0	1271.7	
1	4.640	4.640	0.000	147753381	1000.0	1242.4	
		Average of Peak Amounts =				1236.8	
2	2.632	2.631	0.001	71761974	1000.0	1066.5	
2	3.042	3.040	0.002	84471352	1000.0	1081.4	
2	3.429	3.427	0.002	54292902	1000.0	999.2	
2	3.633	3.631	0.002	311129071	1000.0	1141.2	
2	3.762	3.760	0.002	543406851	1000.0	1170.0	
		Average of Peak Amounts =				1091.7	
						RPD = 12.47	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							
1	3.080	3.079	0.001	55101172	1000.0	1199.4	
1	3.748	3.747	0.001	58726041	1000.0	1211.1	
1	4.459	4.457	0.002	192194031	1000.0	1259.4	
1	4.577	4.576	0.001	214631709	1000.0	1271.7	
1	4.640	4.640	0.000	147753381	1000.0	1242.4	
		Average of Peak Amounts =				1236.8	
2	2.632	2.631	0.001	71761974	1000.0	1066.5	
2	3.042	3.040	0.002	84471352	1000.0	1081.4	
2	3.429	3.427	0.002	54292902	1000.0	999.2	
2	3.633	3.631	0.002	311129071	1000.0	1141.2	
2	3.762	3.760	0.002	543406851	1000.0	1170.0	
		Average of Peak Amounts =				1091.7	
						RPD = 12.47	

QC Flag Legend

Processing Flags

Reagents:

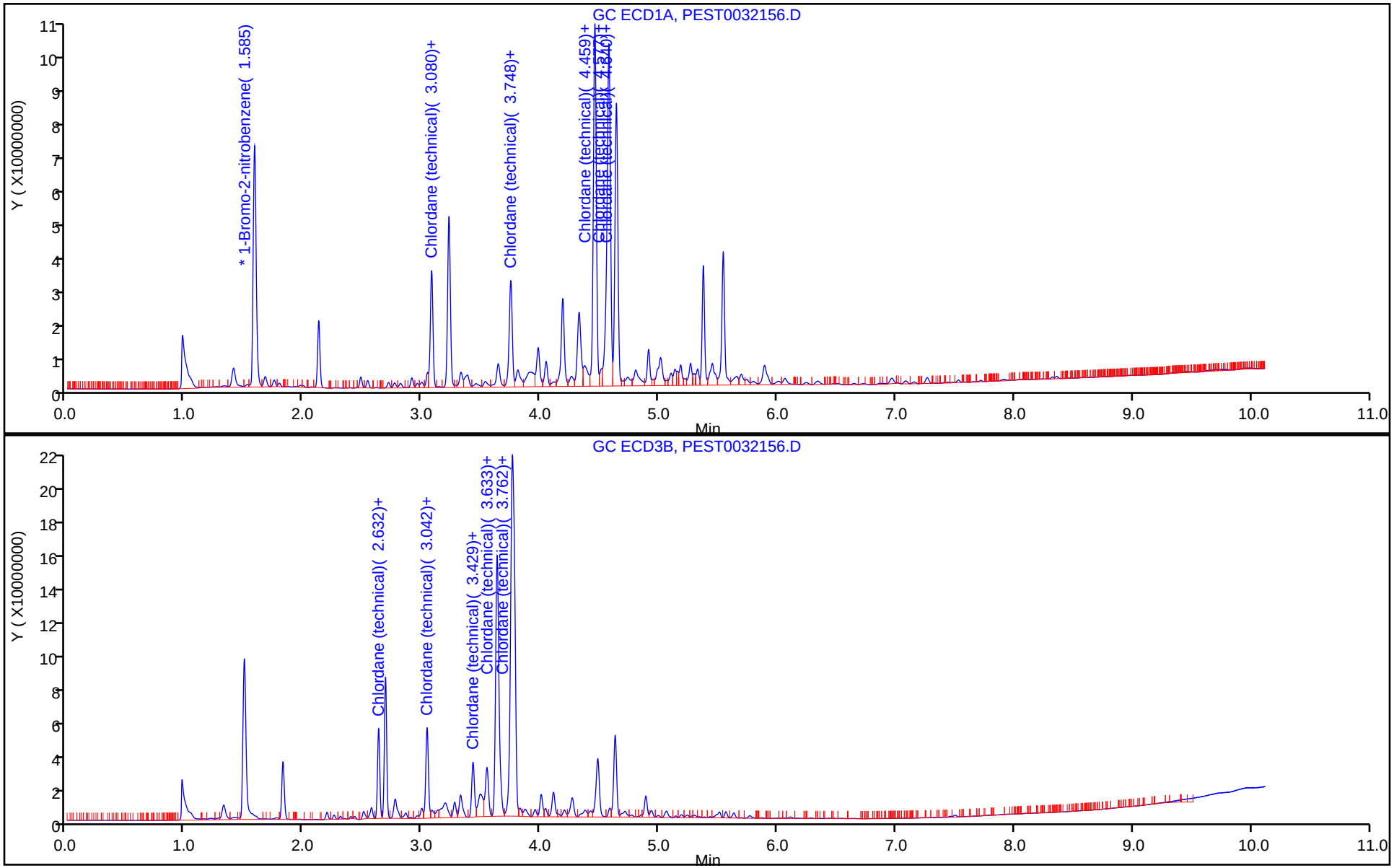
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 06:42:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032156.D

Injection Date:	02-Nov-2021 04:05:57	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/5 Calibration Date: 11/02/2021 04:18

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032157.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0405	0.0240		0.110	1000	-40.7*	20.0
Toxaphene Peak 2	Ave	0.0264	0.0362		0.110	1000	37.3*	20.0
Toxaphene Peak 3	Ave	0.0754	0.0694		919	1000	-8.1	20.0
Toxaphene Peak 4	Ave	0.0432	0.0395		913	1000	-8.7	20.0
Toxaphene Peak 5	Ave	0.0363	0.0332		914	1000	-8.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/5 Calibration Date: 11/02/2021 04:18

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032157.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.98	4.97	4.99
Toxaphene Peak 2	5.48	5.47	5.49
Toxaphene Peak 3	5.58	5.57	5.59
Toxaphene Peak 4	5.88	5.87	5.89
Toxaphene Peak 5	6.59	6.58	6.60

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032157.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:18:16 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:11 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:35:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.585	-0.001	131524527	100.0	100.0	
2	1.497	1.499	-0.002	171051953	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	0.000	4.981	0.000	0	1000.0	0	
1	0.000	5.482	0.000	0	1000.0	0	
1	5.583	5.582	0.001	91213016	1000.0	919.4	M
1	5.881	5.882	-0.001	51908936	1000.0	912.9	M
1	6.591	6.590	0.001	43666071	1000.0	914.5	M
		Average of Peak Amounts =				915.6	
2	4.699	4.698	0.001	102259331	1000.0	929.4	M
2	4.827	4.826	0.001	83644828	1000.0	871.1	M
2	5.045	5.046	-0.001	77968508	1000.0	816.7	M
2	5.241	5.240	0.001	74456177	1000.0	820.1	M
2	0.000	5.425	0.000	0	1000.0	0	
		Average of Peak Amounts =				859.3	
						RPD = 6.34	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

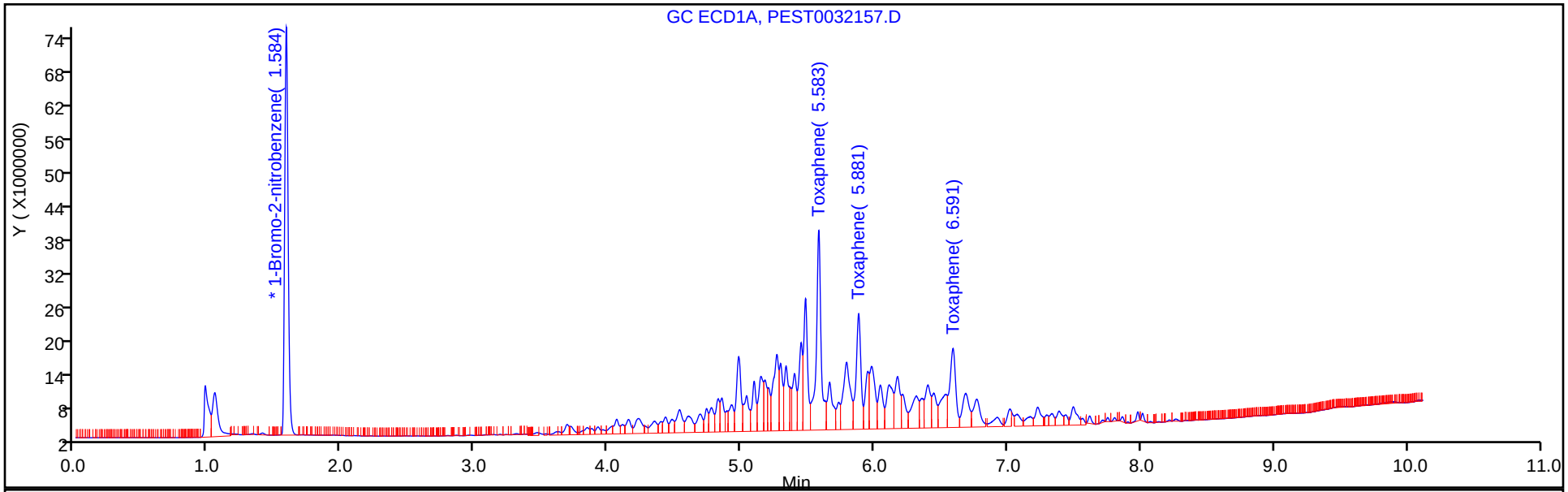
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

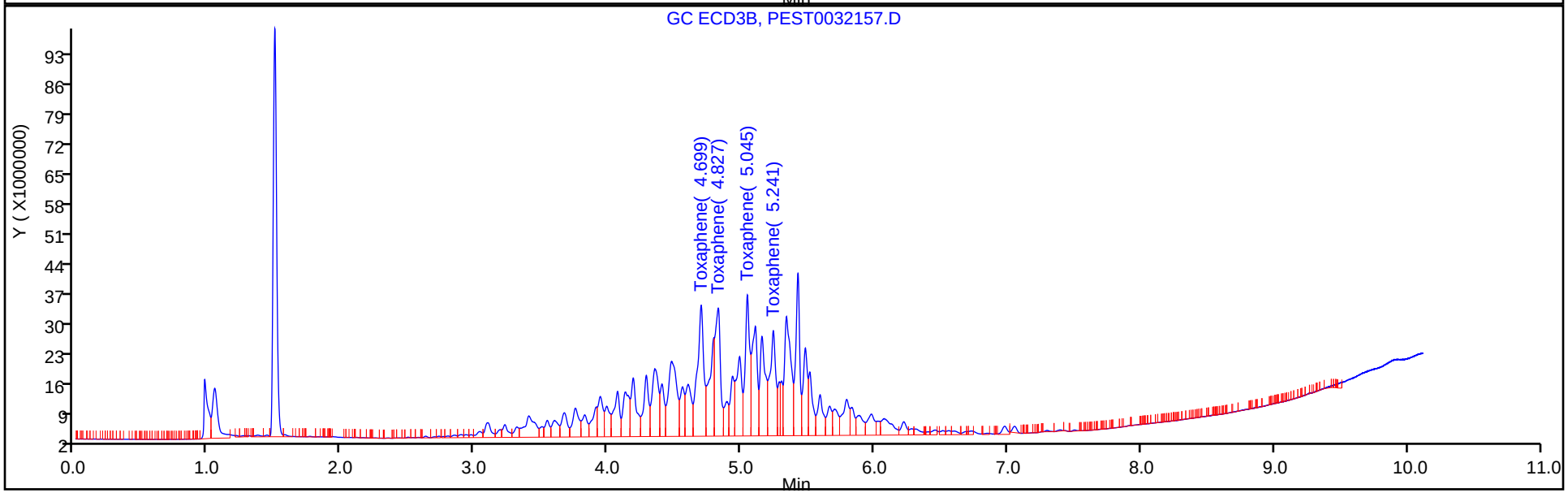
Report Date: 02-Nov-2021 06:42:12 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032157.D

Injection Date:	02-Nov-2021 04:18:16	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/5 Calibration Date: 11/02/2021 04:18

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032157.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0643	0.0598		929	1000	-7.1	20.0
Toxaphene Peak 2	Ave	0.0561	0.0489		871	1000	-12.9	20.0
Toxaphene Peak 3	Ave	0.0558	0.0456		817	1000	-18.3	20.0
Toxaphene Peak 4	Ave	0.0531	0.0435		820	1000	-18.0	20.0
Toxaphene Peak 5	Ave	0.0593	0.0467		0.110	1000	-21.3*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/5 Calibration Date: 11/02/2021 04:18

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 10:15

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 11:04

Lab File ID: PEST0032157.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.70	4.69	4.71
Toxaphene Peak 2	4.83	4.82	4.84
Toxaphene Peak 3	5.05	5.04	5.06
Toxaphene Peak 4	5.24	5.23	5.25
Toxaphene Peak 5	5.43	5.42	5.44

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032157.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:18:16 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:11 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 04:35:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.585	-0.001	131524527	100.0	100.0	
2	1.497	1.499	-0.002	171051953	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	0.000	4.981	0.000	0	1000.0	0	
1	0.000	5.482	0.000	0	1000.0	0	
1	5.583	5.582	0.001	91213016	1000.0	919.4	M
1	5.881	5.882	-0.001	51908936	1000.0	912.9	M
1	6.591	6.590	0.001	43666071	1000.0	914.5	M
		Average of Peak Amounts =				915.6	
2	4.699	4.698	0.001	102259331	1000.0	929.4	M
2	4.827	4.826	0.001	83644828	1000.0	871.1	M
2	5.045	5.046	-0.001	77968508	1000.0	816.7	M
2	5.241	5.240	0.001	74456177	1000.0	820.1	M
2	0.000	5.425	0.000	0	1000.0	0	
		Average of Peak Amounts =				859.3	
						RPD = 6.34	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

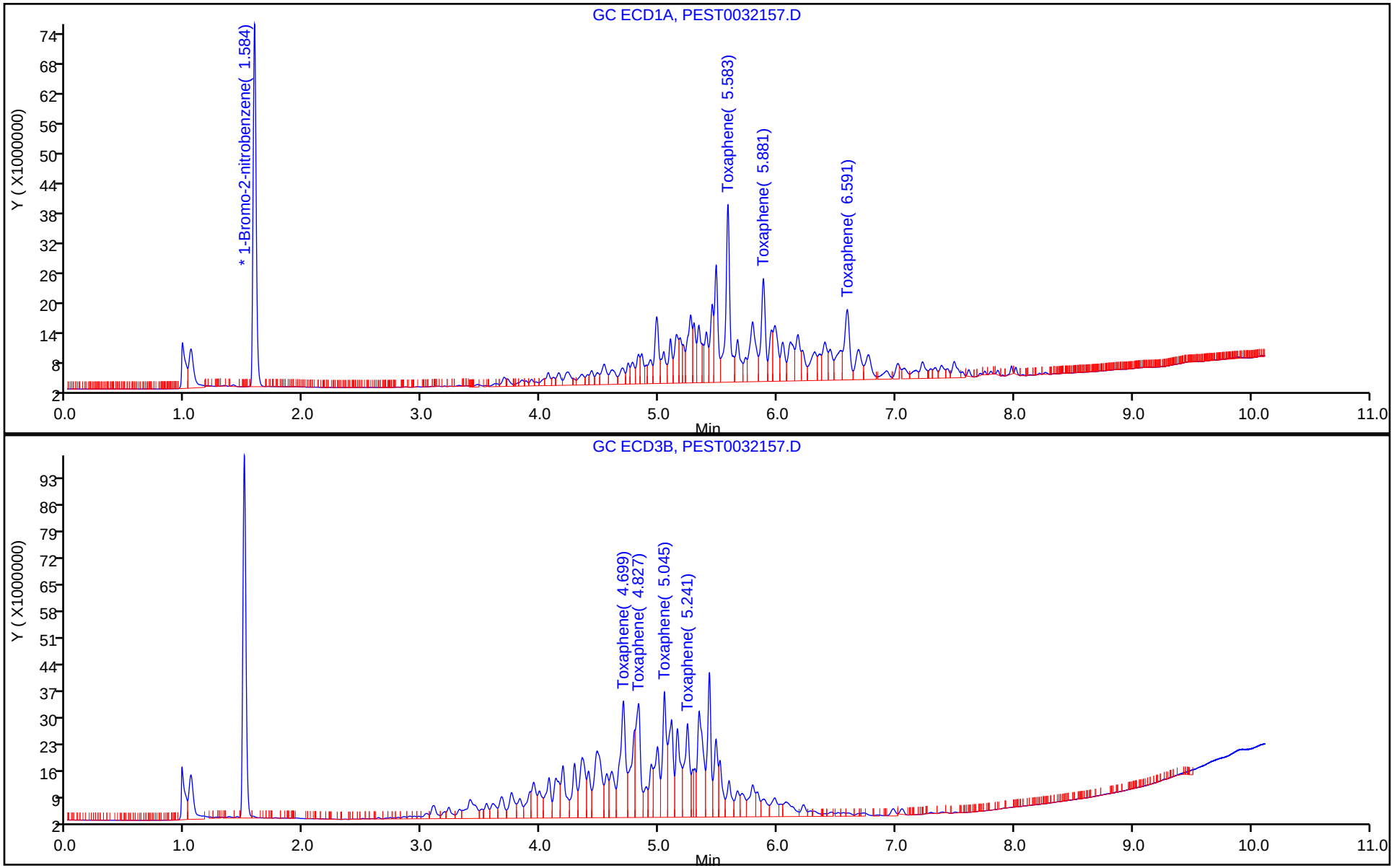
SGTOXAPHENEL4_00008 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 06:42:13 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032157.D

Injection Date:	02-Nov-2021 04:18:16	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/7 Calibration Date: 11/02/2021 04:43

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032159.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0357	0.0401		1120	1000	12.5	20.0
Chlordane (technical) Peak 1	Ave	0.0357	0.0401		1120	1000	12.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0376	0.0421		1120	1000	11.8	20.0
Chlordane (technical) Peak 2	Ave	0.0376	0.0421		1120	1000	11.8	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1185	0.1411		1190	1000	19.1	20.0
Chlordane (technical) Peak 3	Ave	0.1185	0.1411		1190	1000	19.1	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1310	0.1575		0.0550	1000	20.3*	20.0
Chlordane (technical) Peak 4	Ave	0.1310	0.1575		0.0550	1000	20.3*	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.0923	0.1080		1170	1000	17.0	20.0
Chlordane (technical) Peak 5	Ave	0.0923	0.1080		1170	1000	17.0	20.0
Chlordane (n.o.s.)	None		0.0401		1150	1000	15.1	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/7 Calibration Date: 11/02/2021 04:43

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032159.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.08	3.07	3.09
Chlordane (technical) Peak 1	3.08	3.07	3.09
Chlordane (n.o.s.) Peak 2	3.75	3.74	3.76
Chlordane (technical) Peak 2	3.75	3.74	3.76
Chlordane (n.o.s.) Peak 3	4.46	4.45	4.47
Chlordane (technical) Peak 3	4.46	4.45	4.47
Chlordane (n.o.s.) Peak 4	4.58	4.57	4.59
Chlordane (technical) Peak 4	4.58	4.57	4.59
Chlordane (n.o.s.) Peak 5	4.64	4.63	4.65
Chlordane (technical) Peak 5	4.64	4.63	4.65
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032159.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:43:05 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:26 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 05:34:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.585	-0.001	138563252	100.0	100.0	
2	1.497	1.499	-0.002	207972273	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.079	3.079	0.000	55576512	1000.0	1124.8	M
1	3.747	3.747	0.000	58282053	1000.0	1117.5	M
1	4.457	4.457	0.000	195484552	1000.0	1191.0	M
1	0.000	4.576	0.000	0	1000.0	0	
1	4.639	4.640	-0.001	149685275	1000.0	1170.3	M
		Average of Peak Amounts =				1150.9	
2	2.632	2.631	0.001	75181537	1000.0	996.7	
2	3.041	3.040	0.001	88578934	1000.0	1011.6	
2	3.429	3.427	0.002	57601575	1000.0	945.7	
2	3.632	3.631	0.001	331429892	1000.0	1084.5	
2	3.761	3.760	0.001	583151189	1000.0	1120.1	
		Average of Peak Amounts =				1031.7	
						RPD = 10.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.079	3.079	0.000	55576512	1000.0	1124.8	M
1	3.747	3.747	0.000	58282053	1000.0	1117.5	M
1	4.457	4.457	0.000	195484552	1000.0	1191.0	M
1	0.000	4.576	0.000	0	1000.0	0	
1	4.639	4.640	-0.001	149685275	1000.0	1170.3	M
		Average of Peak Amounts =				1150.9	
2	2.632	2.631	0.001	75181537	1000.0	996.7	
2	3.041	3.040	0.001	88578934	1000.0	1011.6	
2	3.429	3.427	0.002	57601575	1000.0	945.7	
2	3.632	3.631	0.001	331429892	1000.0	1084.5	
2	3.761	3.760	0.001	583151189	1000.0	1120.1	
		Average of Peak Amounts =				1031.7	
						RPD = 10.92	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

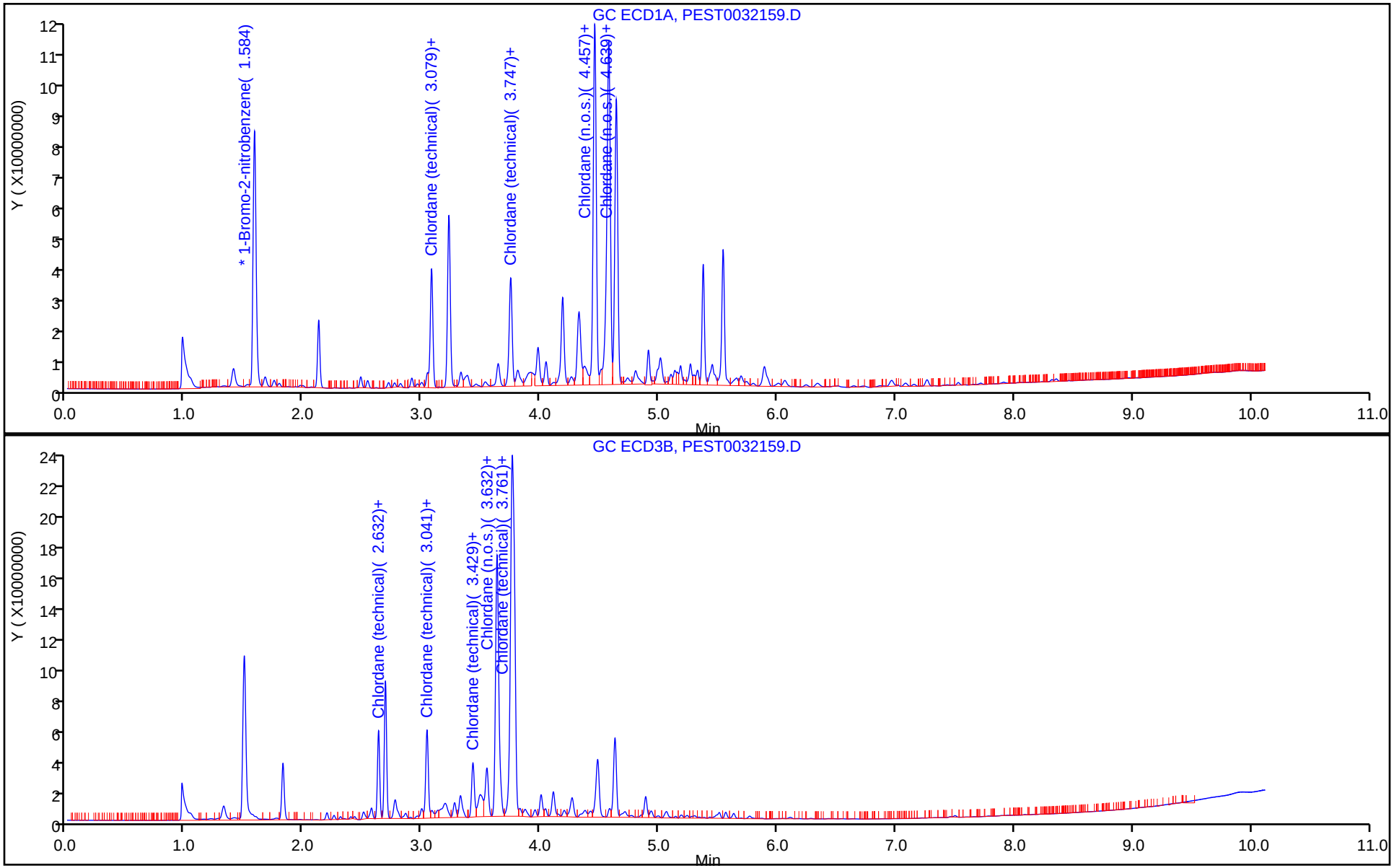
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 06:42:27 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032159.D

Injection Date:	02-Nov-2021 04:43:05	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/7 Calibration Date: 11/02/2021 04:43

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032159.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0363	0.0361		997	1000	-0.3	20.0
Chlordane (technical) Peak 1	Ave	0.0363	0.0361		997	1000	-0.3	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0421	0.0426		1010	1000	1.2	20.0
Chlordane (technical) Peak 2	Ave	0.0421	0.0426		1010	1000	1.2	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0293	0.0277		946	1000	-5.4	20.0
Chlordane (technical) Peak 3	Ave	0.0293	0.0277		946	1000	-5.4	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1469	0.1594		1080	1000	8.5	20.0
Chlordane (technical) Peak 4	Ave	0.1469	0.1594		1080	1000	8.5	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2503	0.2804		1120	1000	12.0	20.0
Chlordane (technical) Peak 5	Ave	0.2503	0.2804		1120	1000	12.0	20.0
Chlordane (n.o.s.)	None		0.0361		1030	1000	3.2	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Lab Sample ID: CCV 460-810761/7 Calibration Date: 11/02/2021 04:43

Instrument ID: CPESTGC12 Calib Start Date: 10/01/2021 09:01

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/01/2021 09:50

Lab File ID: PEST0032159.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.63	2.62	2.64
Chlordane (technical) Peak 1	2.63	2.62	2.64
Chlordane (n.o.s.) Peak 2	3.04	3.03	3.05
Chlordane (technical) Peak 2	3.04	3.03	3.05
Chlordane (n.o.s.) Peak 3	3.43	3.42	3.44
Chlordane (technical) Peak 3	3.43	3.42	3.44
Chlordane (n.o.s.) Peak 4	3.63	3.62	3.64
Chlordane (technical) Peak 4	3.63	3.62	3.64
Chlordane (n.o.s.) Peak 5	3.76	3.75	3.77
Chlordane (technical) Peak 5	3.76	3.75	3.77
Chlordane (n.o.s.)			

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032159.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 02-Nov-2021 04:43:05 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:42:26 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 05:34:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.585	-0.001	138563252	100.0	100.0	
2	1.497	1.499	-0.002	207972273	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.079	3.079	0.000	55576512	1000.0	1124.8	M
1	3.747	3.747	0.000	58282053	1000.0	1117.5	M
1	4.457	4.457	0.000	195484552	1000.0	1191.0	M
1	0.000	4.576	0.000	0	1000.0	0	
1	4.639	4.640	-0.001	149685275	1000.0	1170.3	M
		Average of Peak Amounts =				1150.9	
2	2.632	2.631	0.001	75181537	1000.0	996.7	
2	3.041	3.040	0.001	88578934	1000.0	1011.6	
2	3.429	3.427	0.002	57601575	1000.0	945.7	
2	3.632	3.631	0.001	331429892	1000.0	1084.5	
2	3.761	3.760	0.001	583151189	1000.0	1120.1	
		Average of Peak Amounts =				1031.7	
						RPD = 10.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.079	3.079	0.000	55576512	1000.0	1124.8	M
1	3.747	3.747	0.000	58282053	1000.0	1117.5	M
1	4.457	4.457	0.000	195484552	1000.0	1191.0	M
1	0.000	4.576	0.000	0	1000.0	0	
1	4.639	4.640	-0.001	149685275	1000.0	1170.3	M
		Average of Peak Amounts =				1150.9	
2	2.632	2.631	0.001	75181537	1000.0	996.7	
2	3.041	3.040	0.001	88578934	1000.0	1011.6	
2	3.429	3.427	0.002	57601575	1000.0	945.7	
2	3.632	3.631	0.001	331429892	1000.0	1084.5	
2	3.761	3.760	0.001	583151189	1000.0	1120.1	
		Average of Peak Amounts =				1031.7	
						RPD = 10.92	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

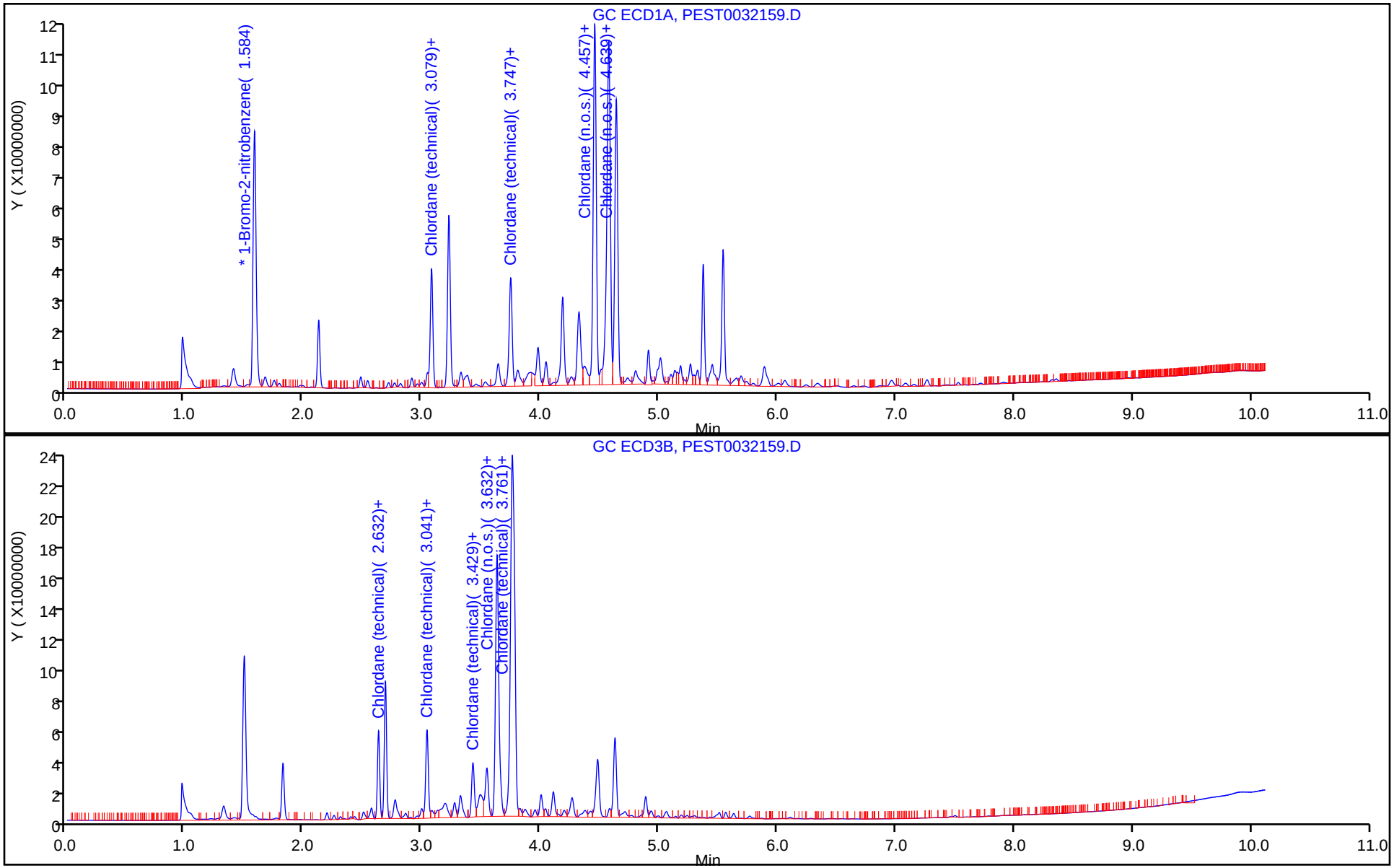
SGCHLORDANEL4_00008	Amount Added: 1.00	Units: mL	
SGPESTISTD_00017	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Nov-2021 06:42:29 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032159.D

Injection Date:	02-Nov-2021 04:43:05	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810508/1-A

Matrix: Solid Lab File ID: PEST0032133.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 15:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*0.0010*	*U*	*0.0067*	*0.0010*
319-84-6	*alpha-BHC*	*0.00068*	*U*	*0.0020*	*0.00068*
319-85-7	*beta-BHC*	*0.00075*	*U*	*0.0020*	*0.00075*
319-86-8	*delta-BHC*	*0.00041*	*U*	*0.0020*	*0.00041*
58-89-9	*gamma-BHC (Lindane)*	*0.00062*	*U*	*0.0020*	*0.00062*
12789-03-6	*Chlordane (technical)*	*0.016*	*U*	*0.067*	*0.016*
72-54-8	*4,4'-DDD*	*0.0011*	*U*	*0.0067*	*0.0011*
72-55-9	*4,4'-DDE*	*0.00079*	*U*	*0.0067*	*0.00079*
50-29-3	*4,4'-DDT*	*0.0012*	*U*	*0.0067*	*0.0012*
60-57-1	*Dieldrin*	*0.00087*	*U*	*0.0020*	*0.00087*
959-98-8	*Endosulfan I*	*0.0010*	*U*	*0.0067*	*0.0010*
33213-65-9	*Endosulfan II*	*0.0017*	*U*	*0.0067*	*0.0017*
1031-07-8	*Endosulfan sulfate*	*0.00084*	*U*	*0.0067*	*0.00084*
72-20-8	*Endrin*	*0.00096*	*U*	*0.0067*	*0.00096*
7421-93-4	*Endrin aldehyde*	*0.0016*	*U*	*0.0067*	*0.0016*
53494-70-5	*Endrin ketone*	*0.0013*	*U*	*0.0067*	*0.0013*
76-44-8	*Heptachlor*	*0.00079*	*U*	*0.0067*	*0.00079*
1024-57-3	*Heptachlor epoxide*	*0.0010*	*U*	*0.0067*	*0.0010*
72-43-5	*Methoxychlor*	*0.0015*	*U*	*0.0067*	*0.0015*
8001-35-2	*Toxaphene*	*0.024*	*U*	*0.067*	*0.024*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		10-133
2051-24-3	DCB Decachlorobiphenyl	105		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Lims ID: MB 460-810508/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Nov-2021 15:31:15 ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-008
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	117918761	100.0	100.0	
2	1.498	1.497	0.001	159440884	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	58980113	50.0	40.7	
2	1.852	1.853	-0.001	83521744	50.0	40.3	
						RPD = 1.02	
$ 24 DCB Decachlorobiphenyl							
1	8.320	8.322	-0.002	56139323	50.0	52.3	
2	7.353	7.353	0.000	95194506	50.0	43.3	
						RPD = 18.95	

Reagents:

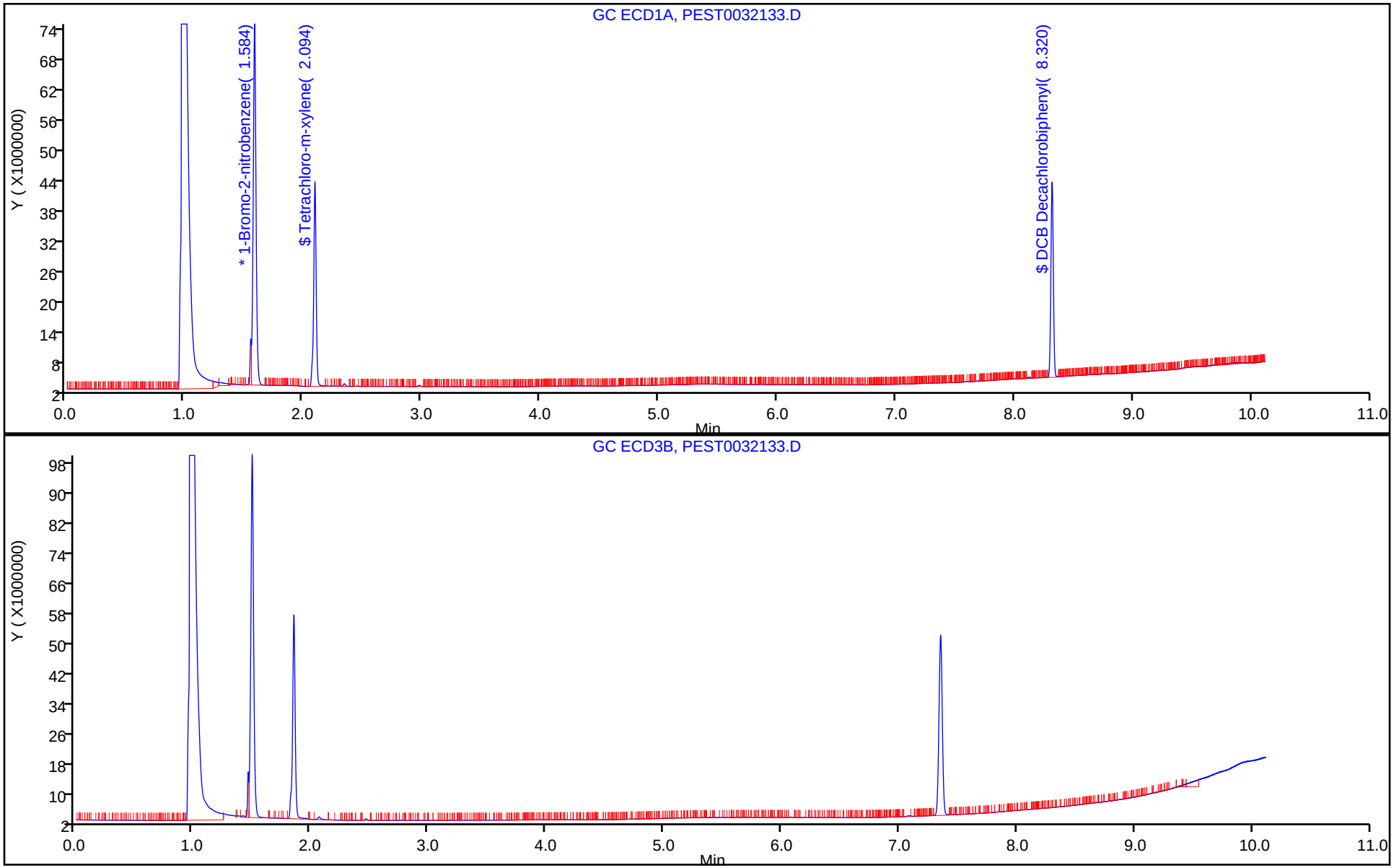
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:00 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D

Injection Date:	01-Nov-2021 15:31:15	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	MB 460-810508/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

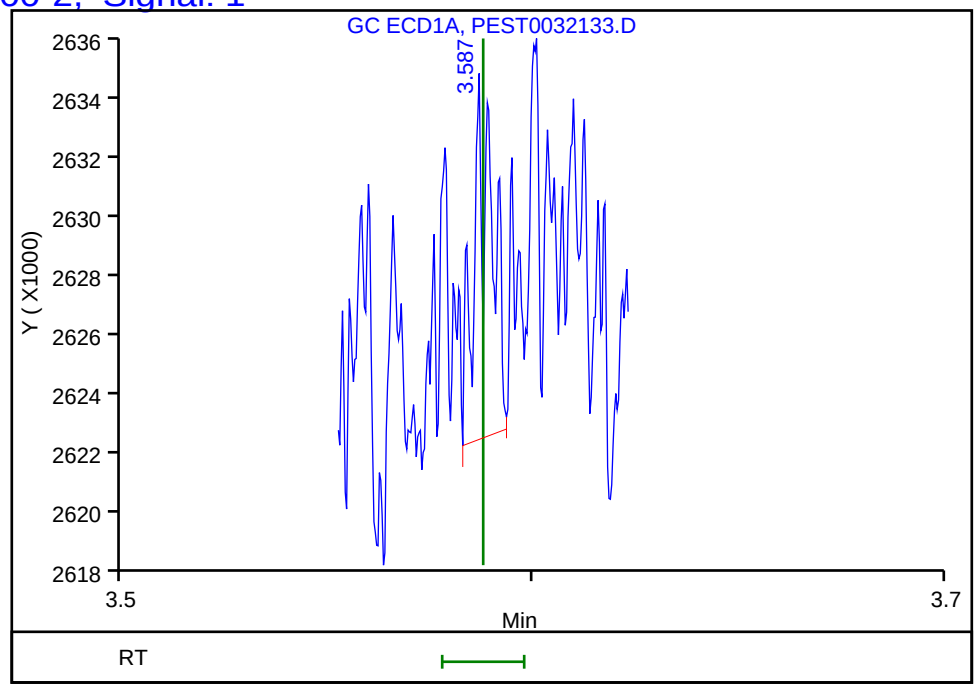
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

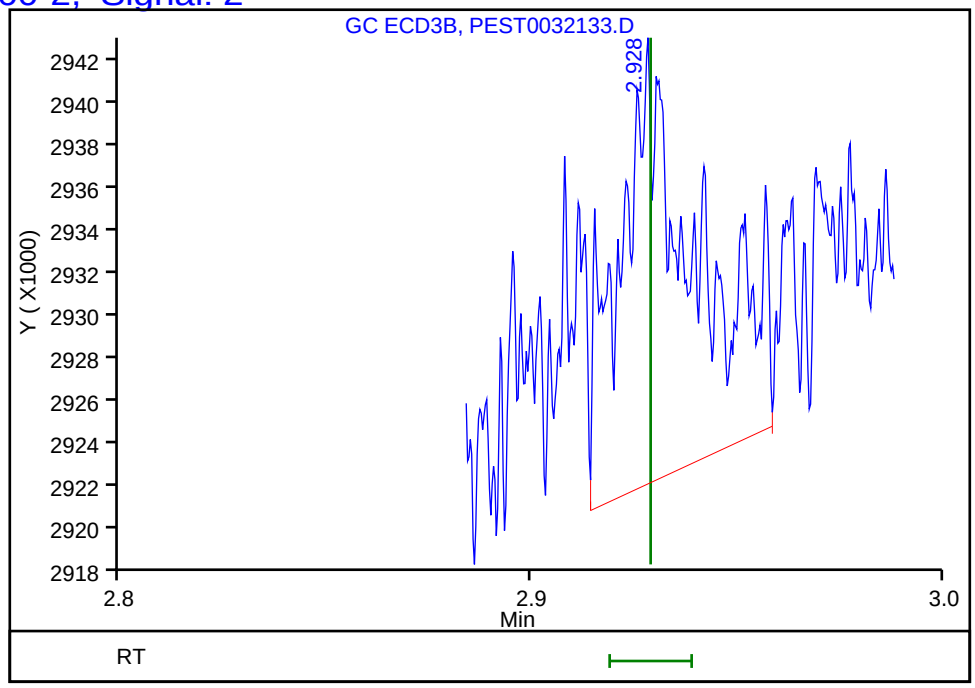
RT: 3.59
Response: 3736
Amount: 0.002291



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 2.93
Response: 25649
Amount: 0.010543



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

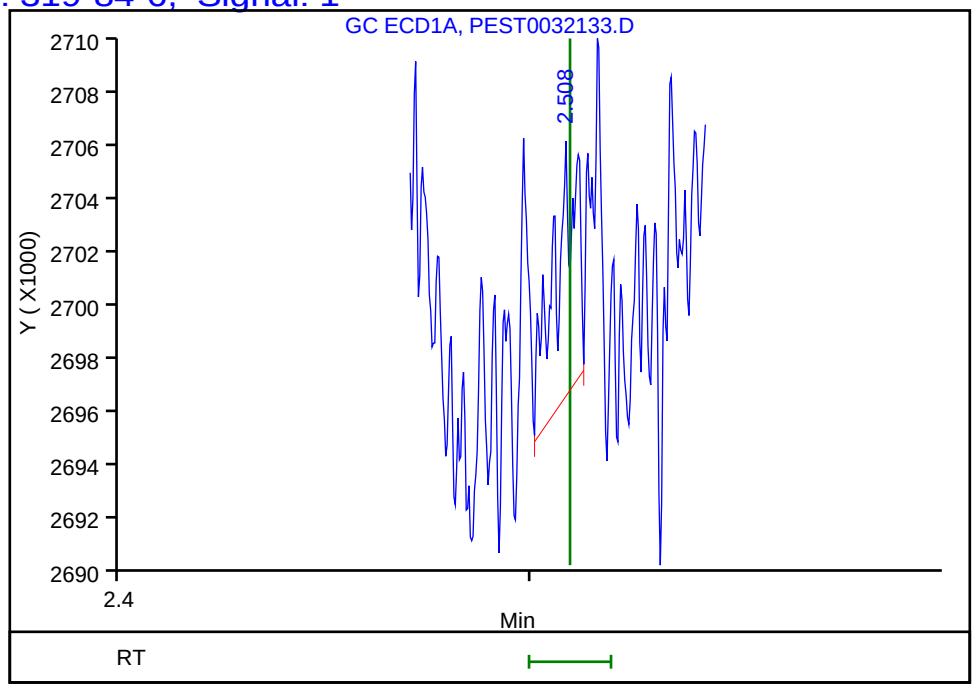
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

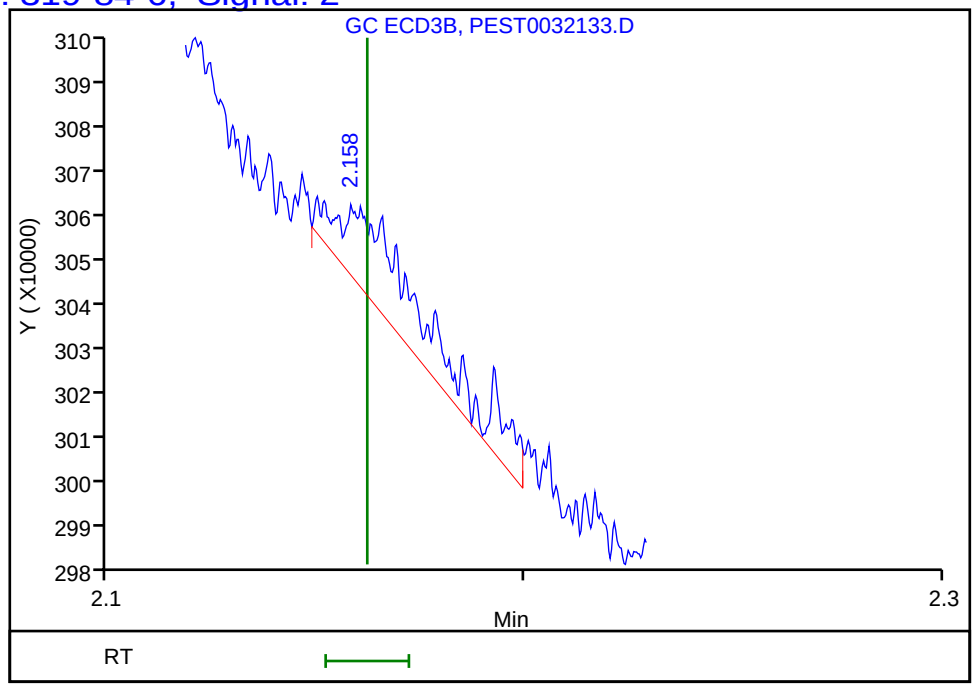
RT: 2.51
Response: 3713
Amount: 0.001915



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.16
Response: 29329
Amount: 0.010620



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

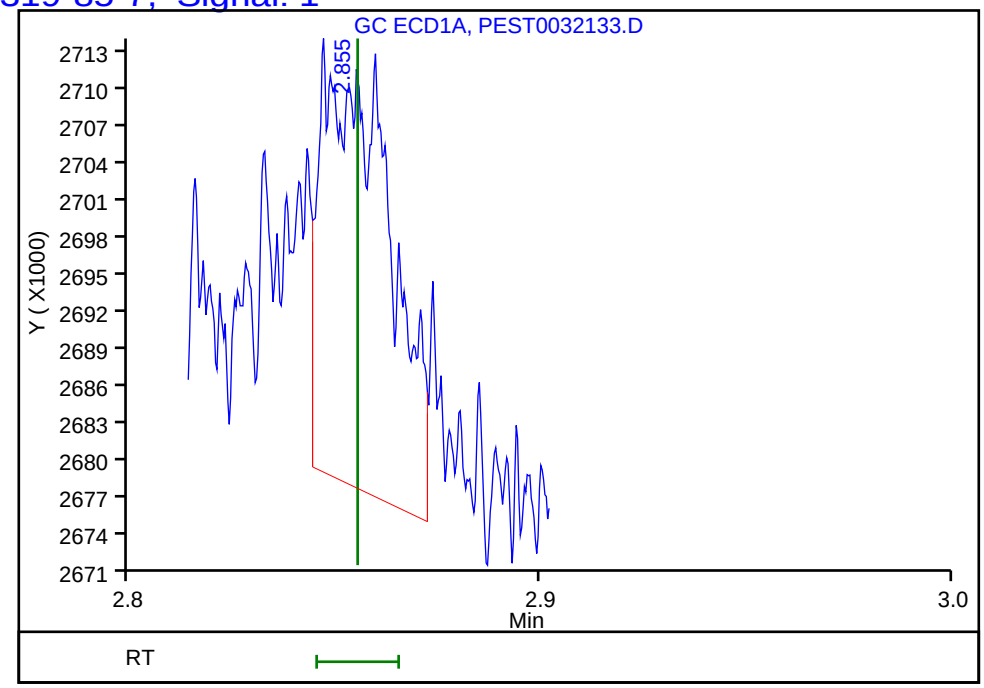
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85
Response: 39989
Amount: 0.056925



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40
Response: 29518
Amount: 0.030766

Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

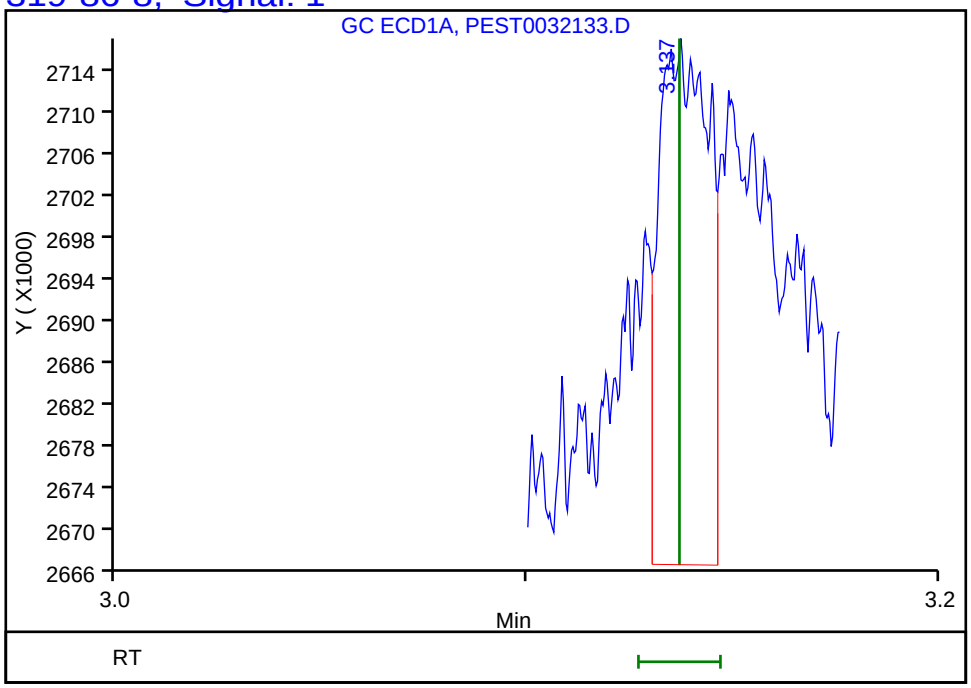
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

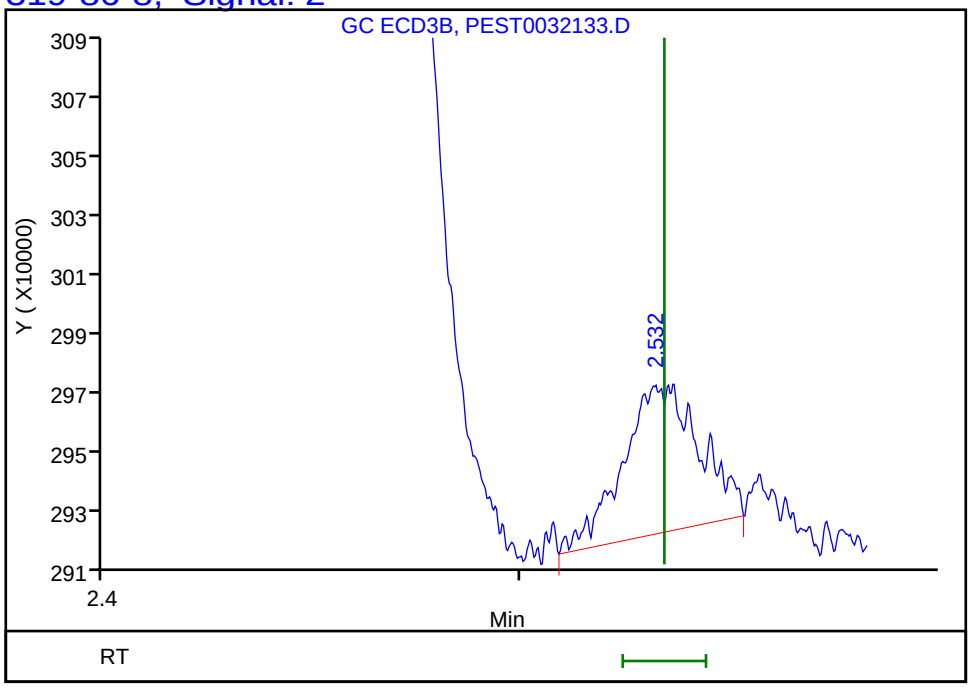
RT: 3.14
Response: 40825
Amount: 0.027145



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 58659
Amount: 0.027618



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

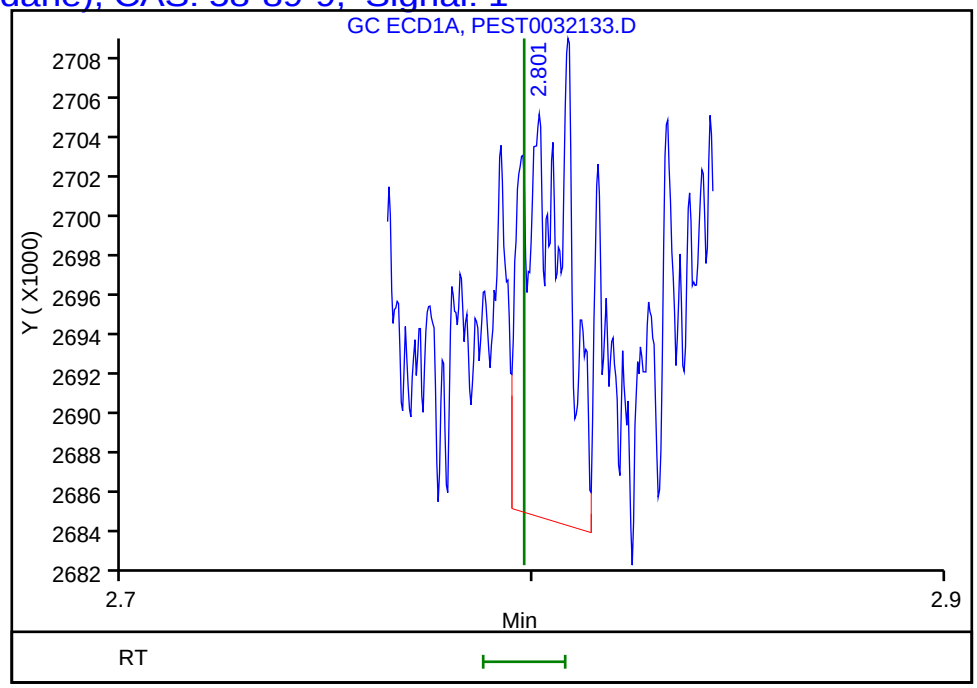
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

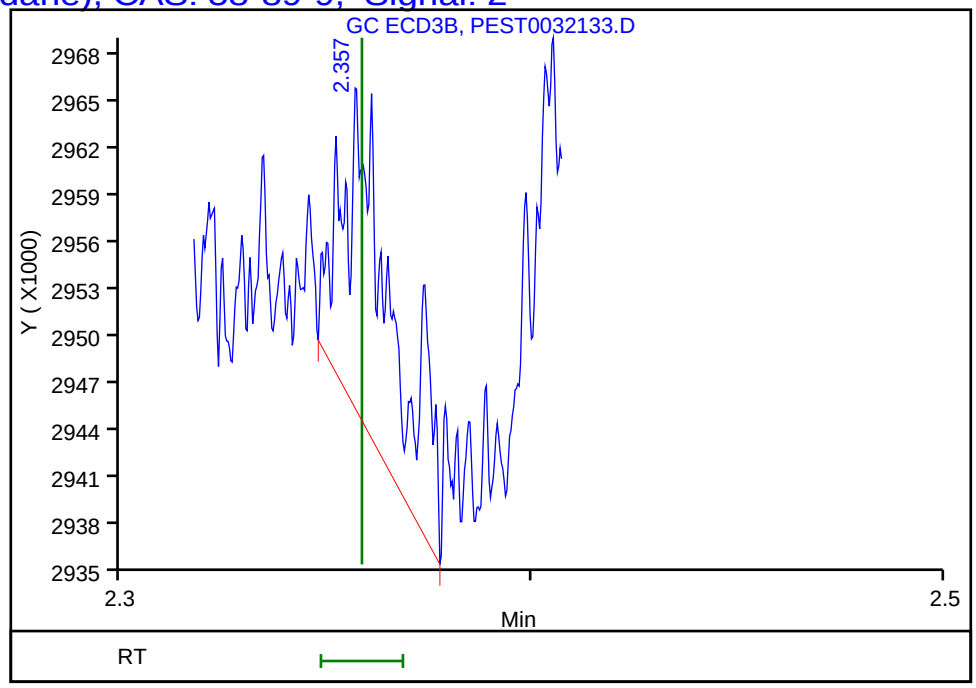
RT: 2.80
Response: 15376
Amount: 0.008723



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 18371
Amount: 0.007208



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

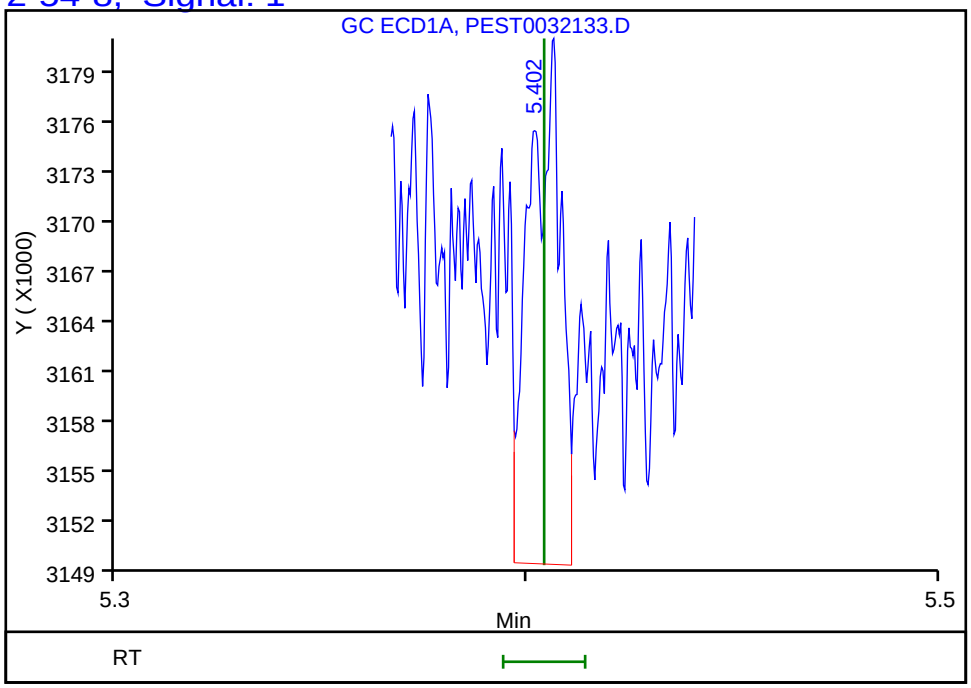
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

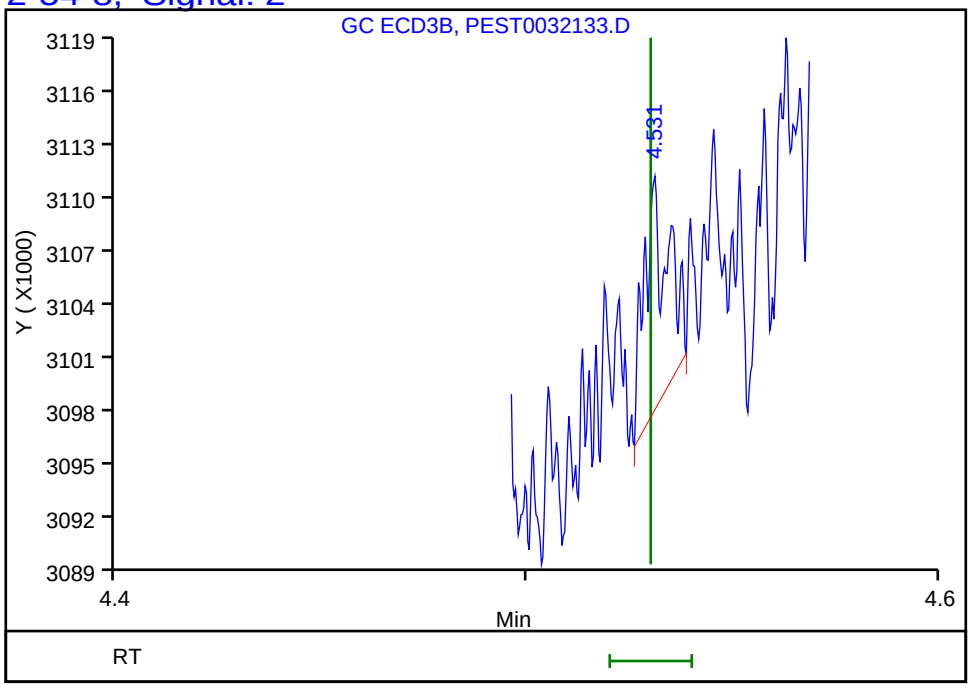
RT: 5.40
Response: 16007
Amount: 0.012950



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53
Response: 5176
Amount: 0.002733



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

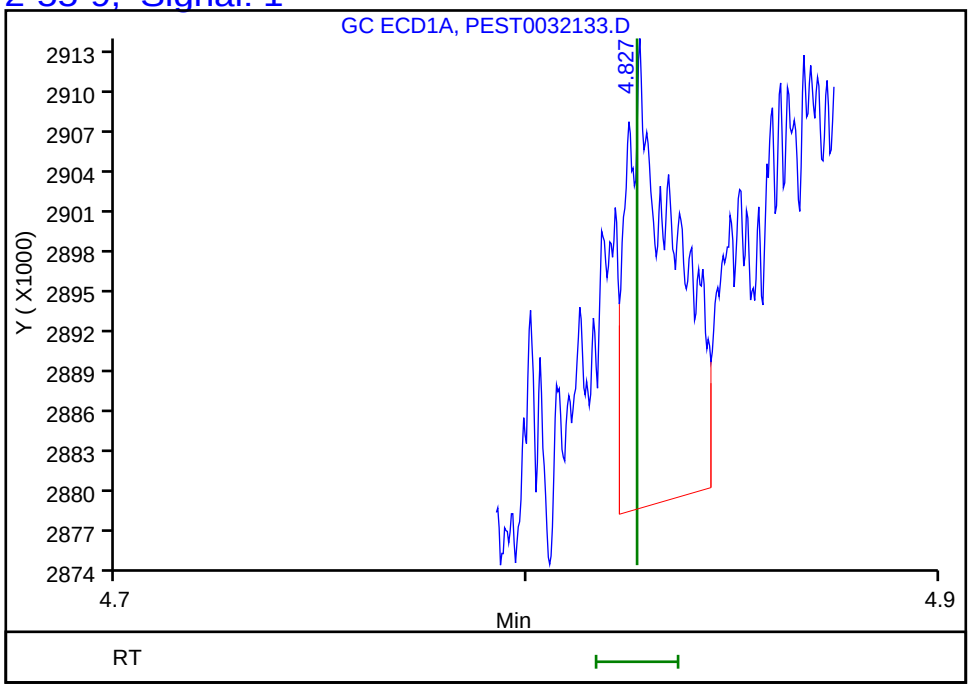
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

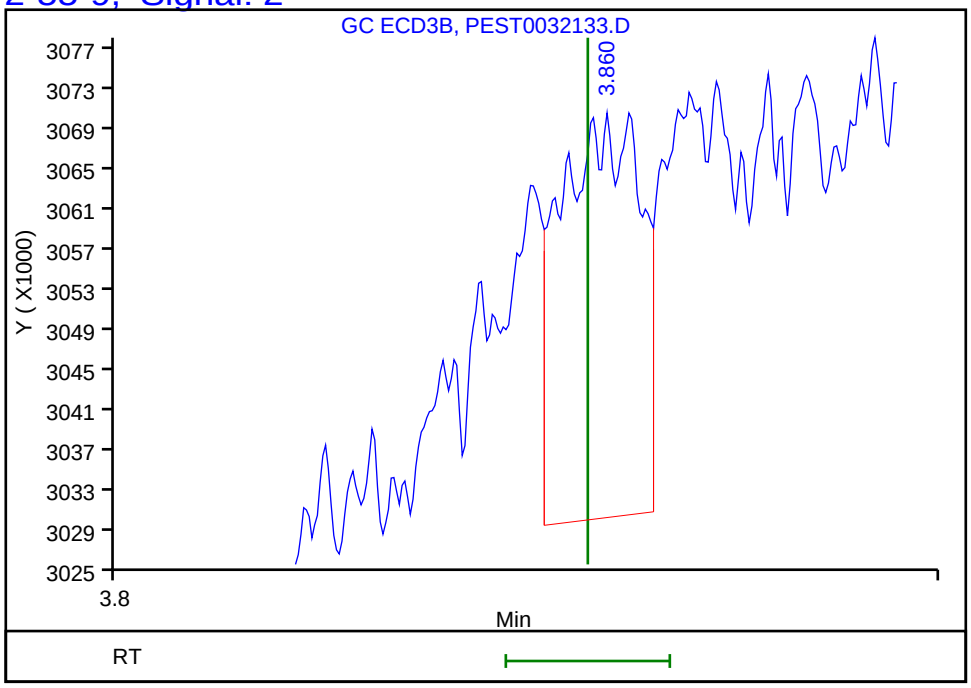
RT: 4.83
Response: 27213
Amount: 0.018257



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86
Response: 27229
Amount: 0.011603



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

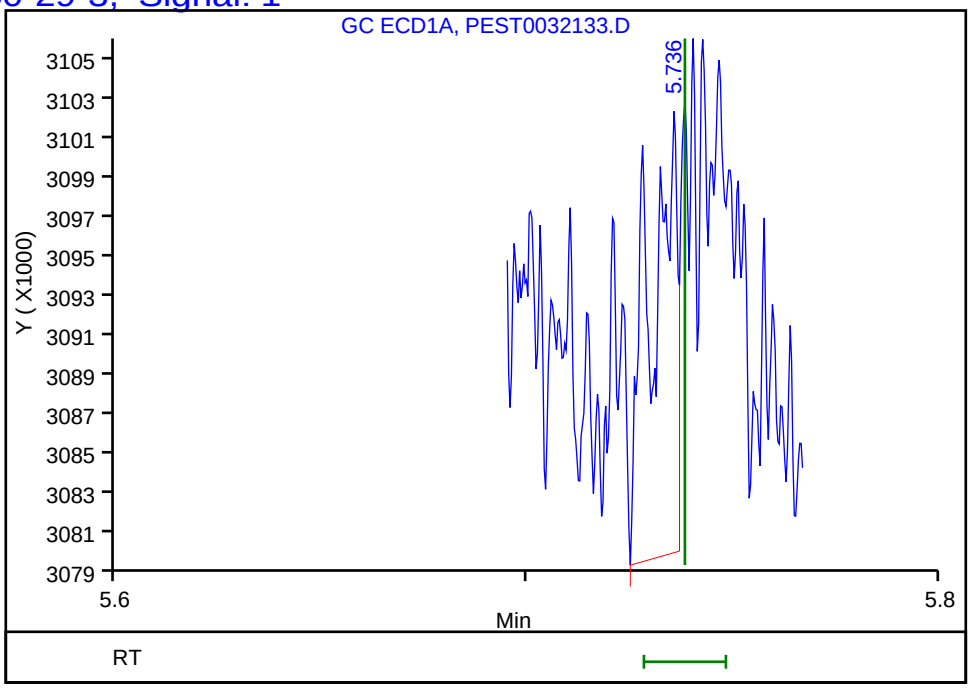
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

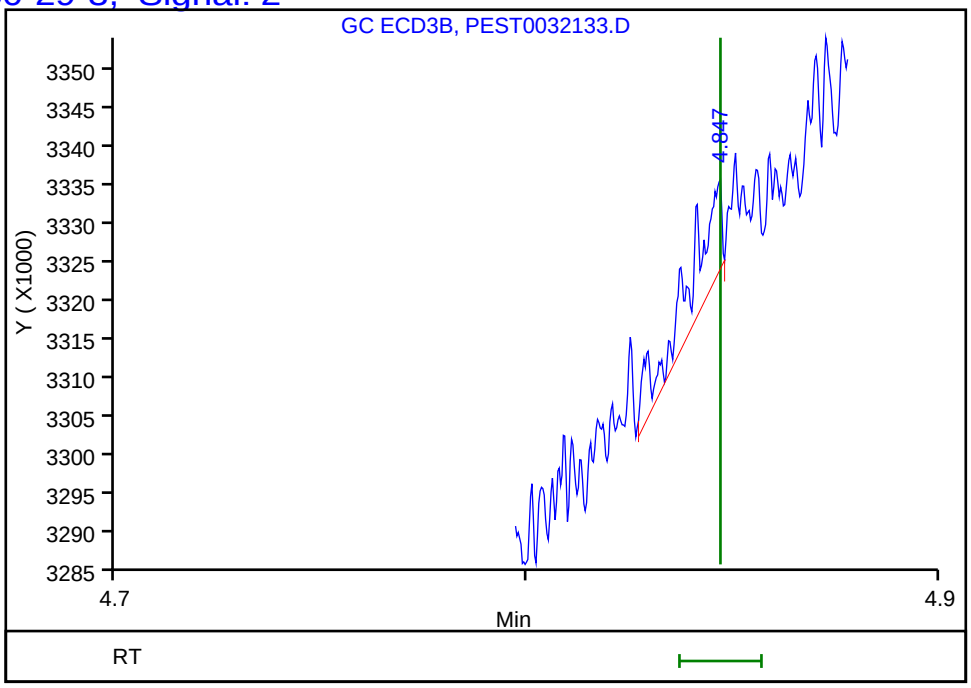
RT: 5.74
Response: 9889
Amount: 0.008415



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 7695
Amount: 0.003918



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

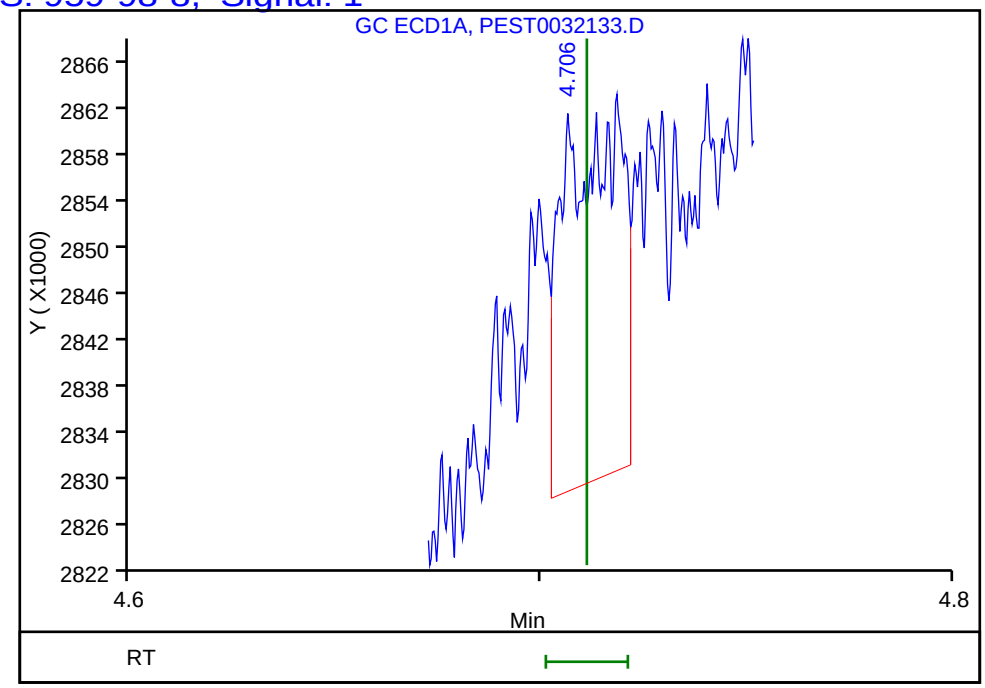
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

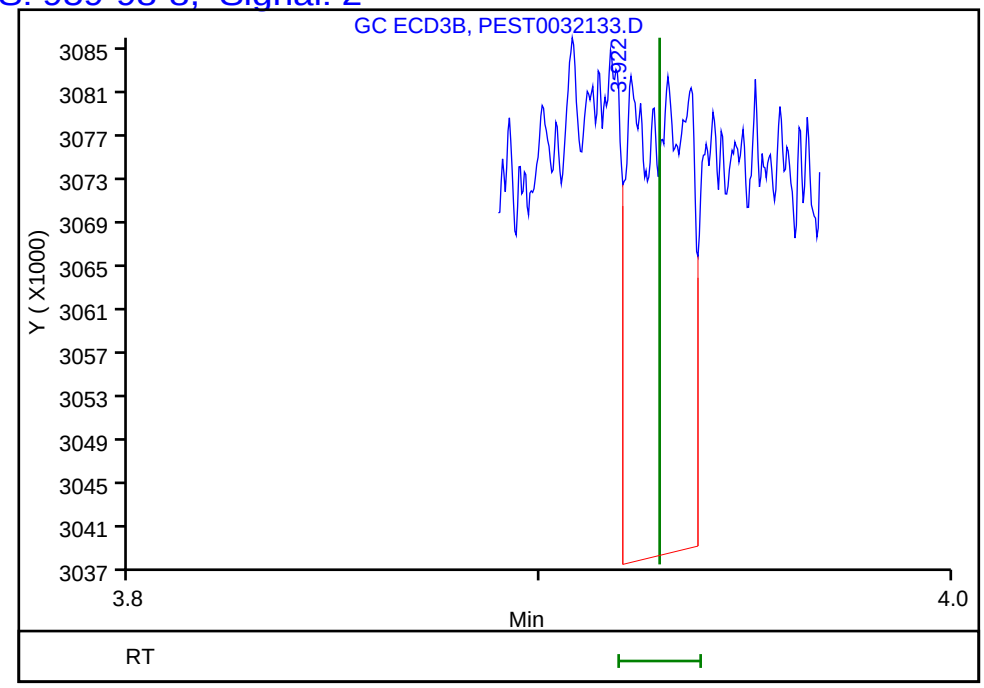
RT: 4.71
Response: 30403
Amount: 0.022622



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.92
Response: 42290
Amount: 0.020158



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

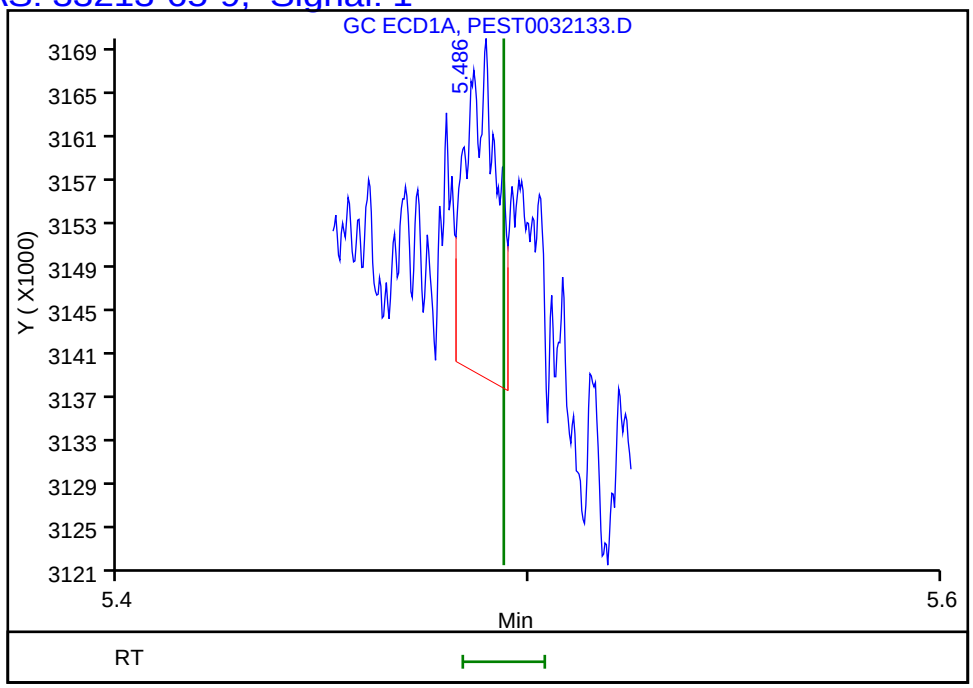
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

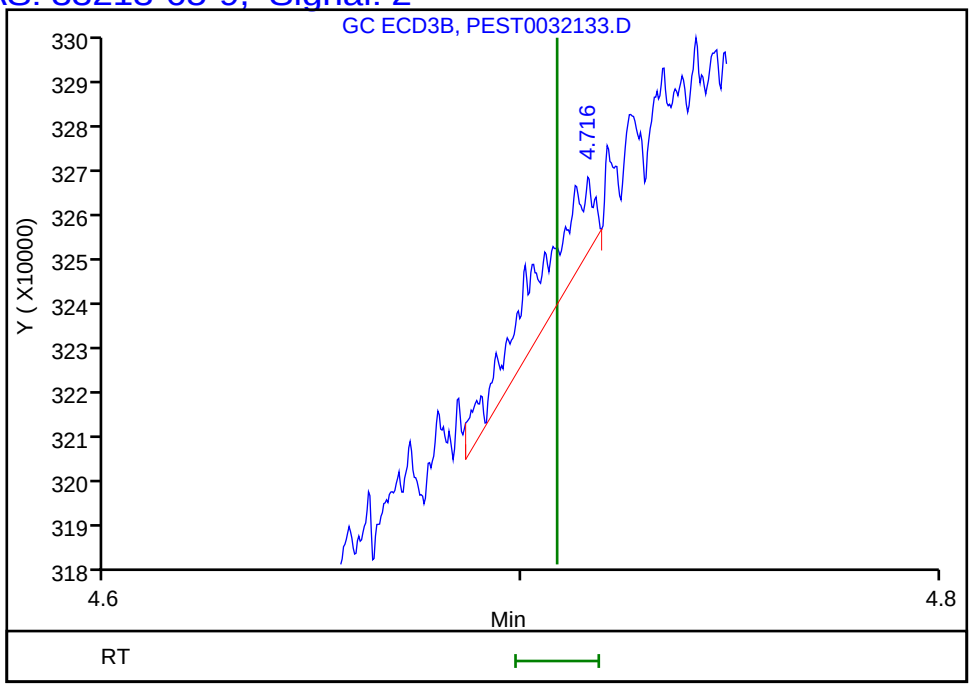
RT: 5.49
Response: 15795
Amount: 0.012328



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.72
Response: 19966
Amount: 0.010064



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

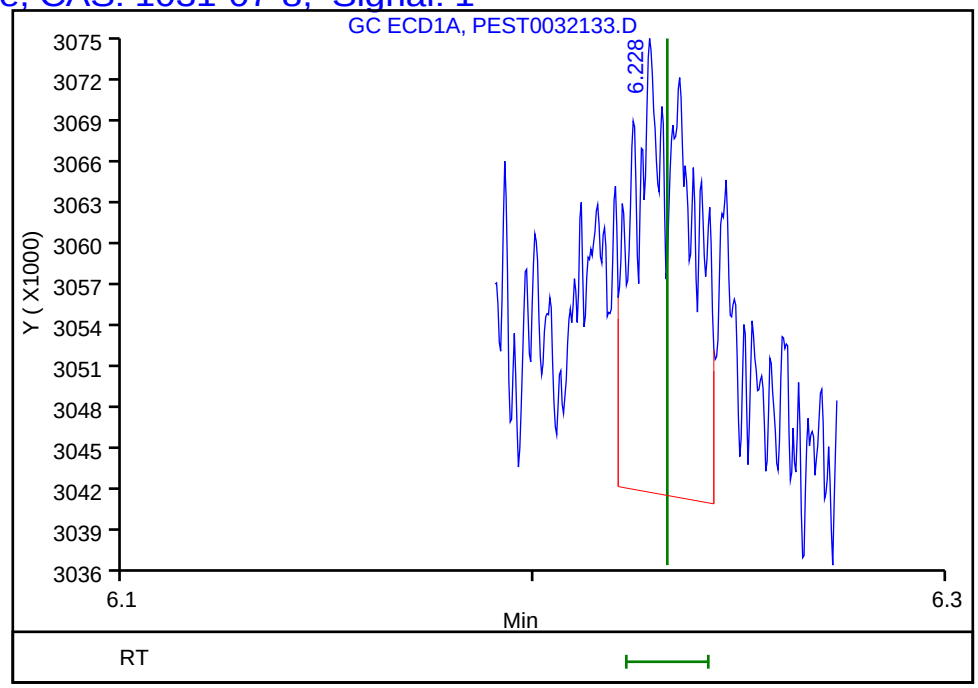
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

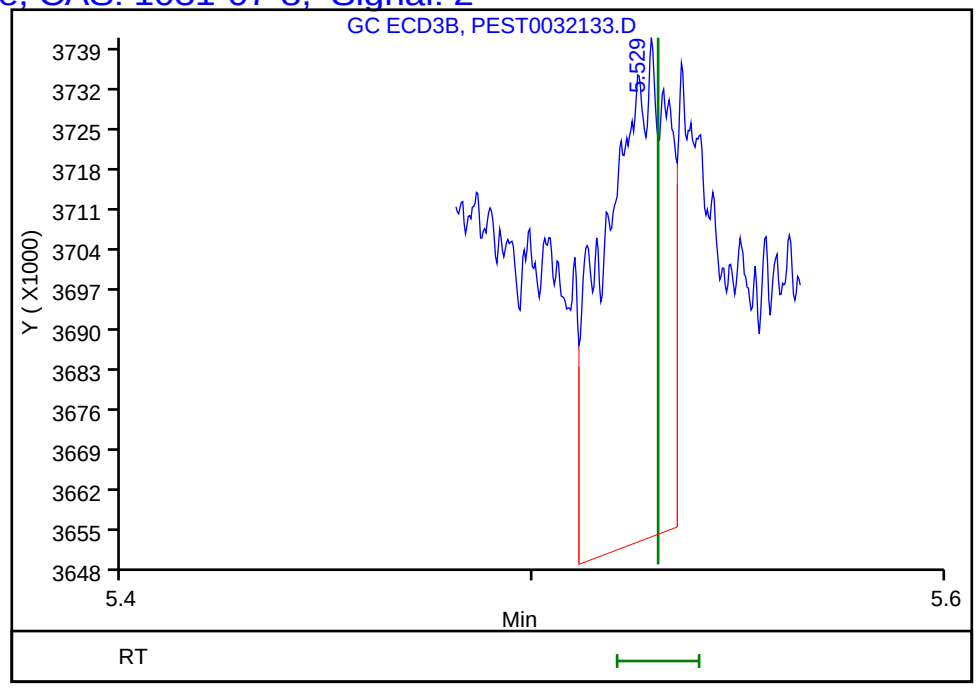
RT: 6.23
Response: 30860
Amount: 0.027074



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.53
Response: 94087
Amount: 0.048198



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

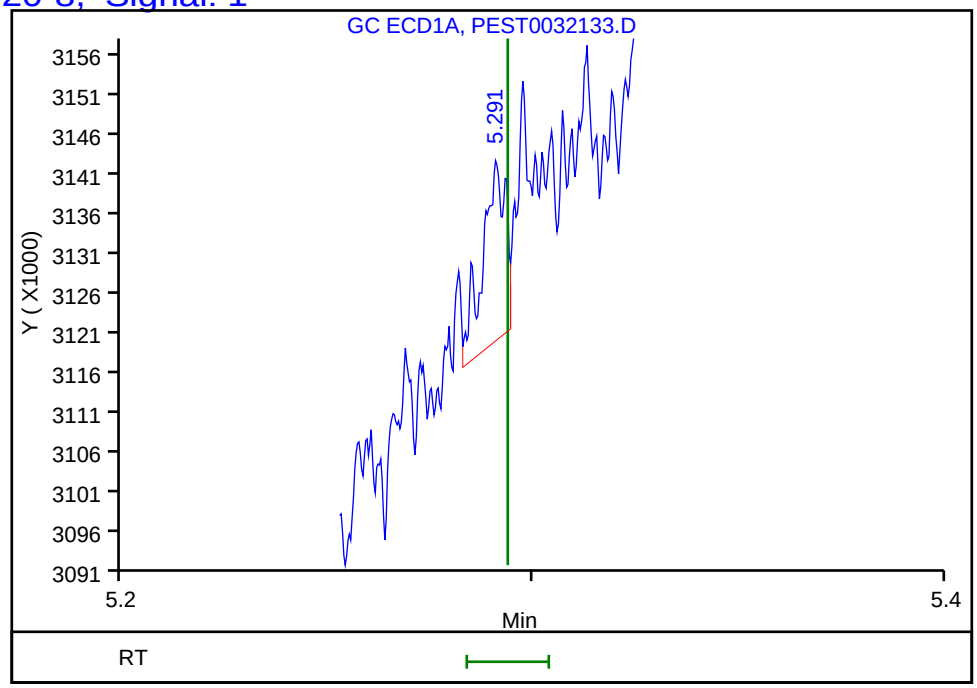
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

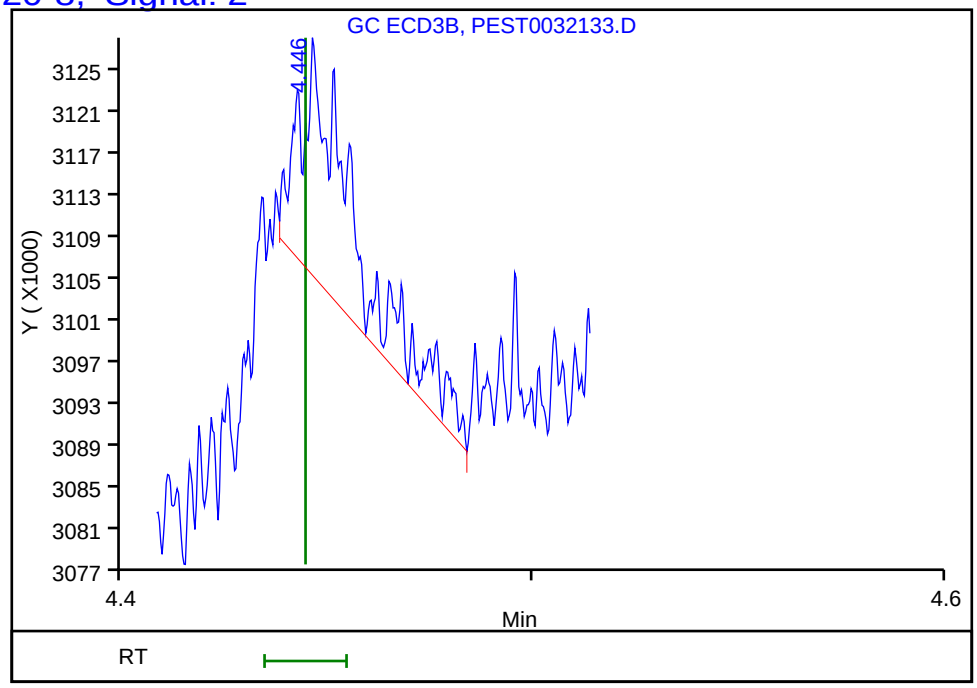
RT: 5.29
Response: 8817
Amount: 0.006174



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.45
Response: 20928
Amount: 0.009740



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

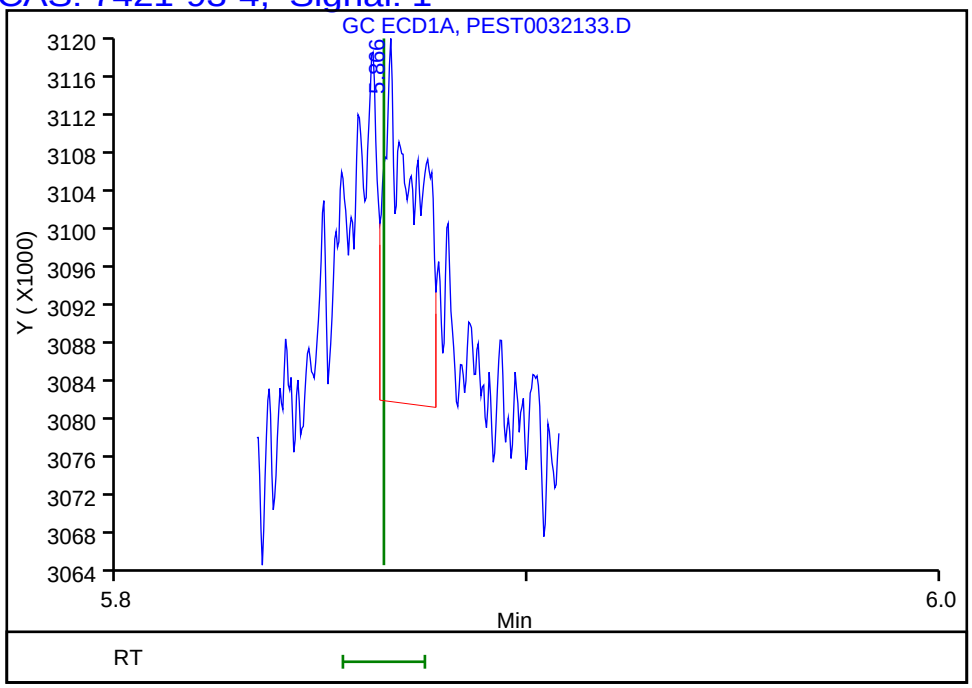
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

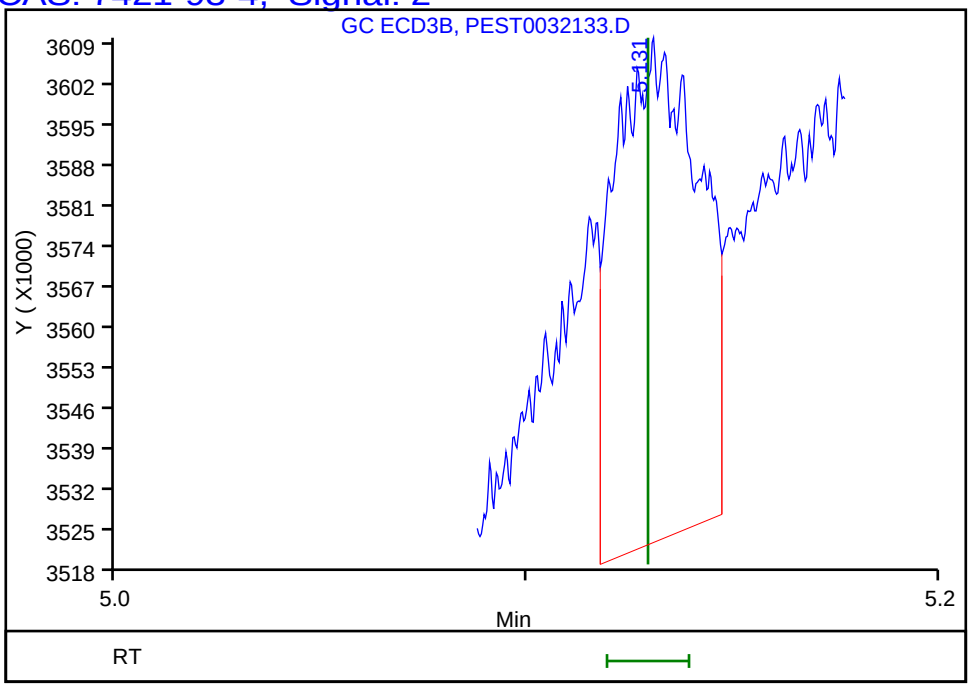
RT: 5.87
Response: 19757
Amount: 0.019531



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.13
Response: 122924
Amount: 0.073372



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

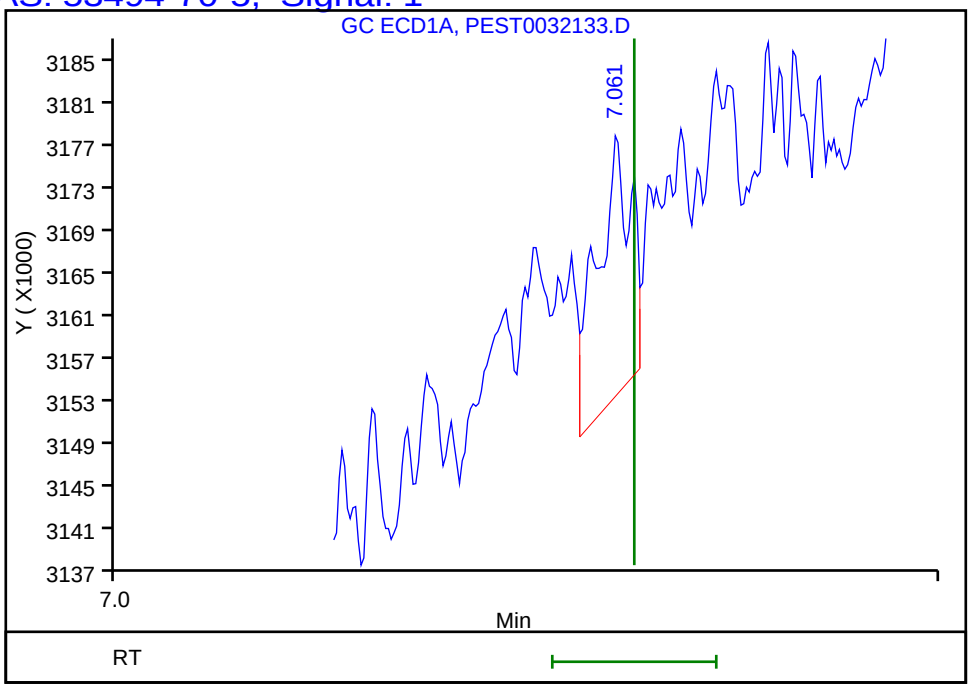
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

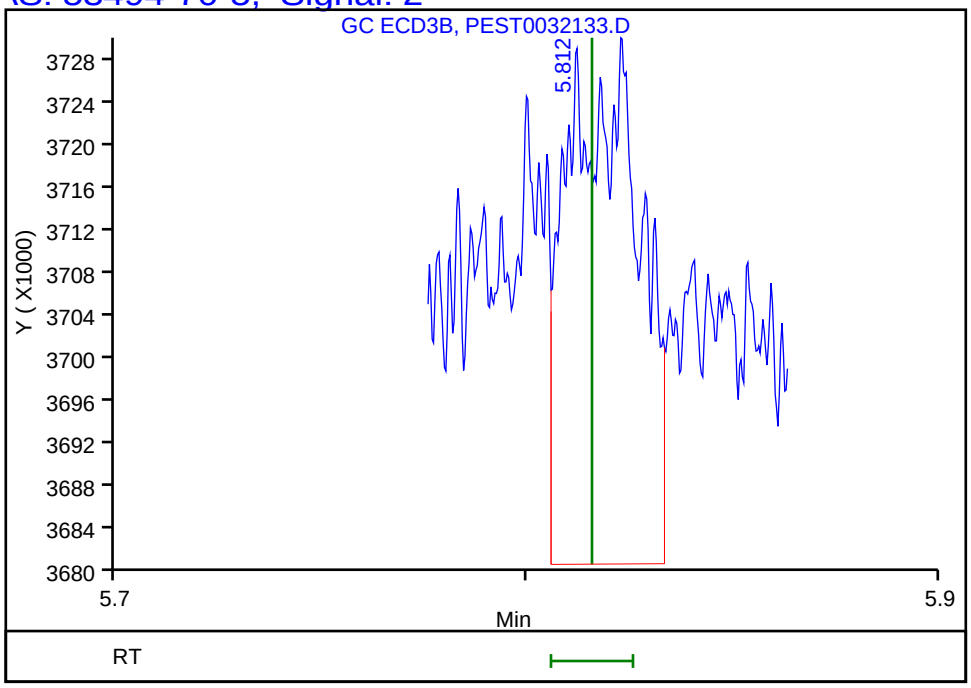
RT: 7.06
Response: 6809
Amount: 0.005972



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 59449
Amount: 0.031109



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

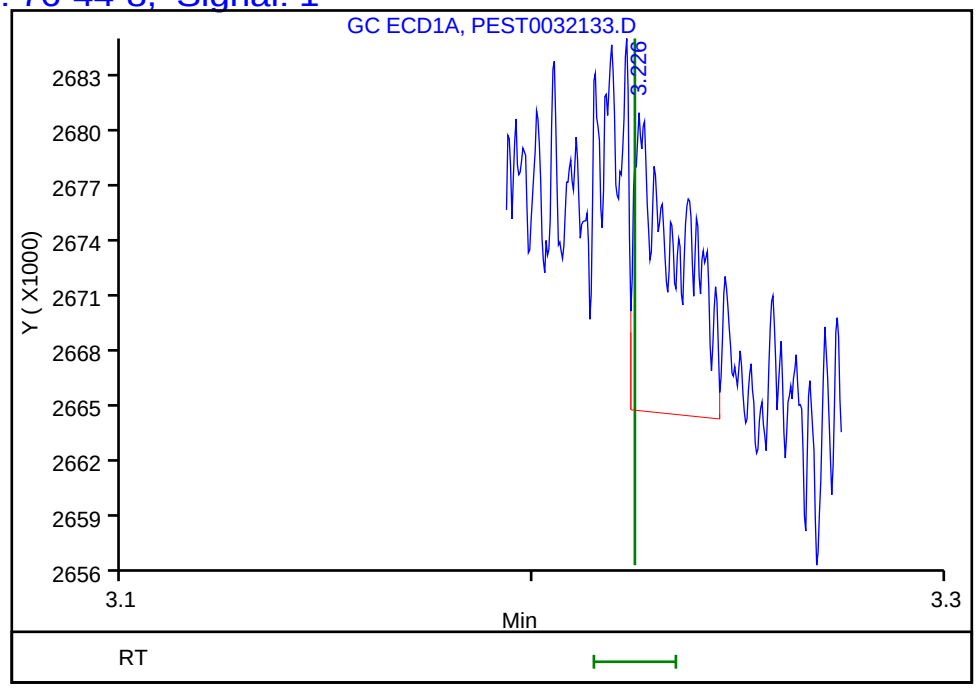
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

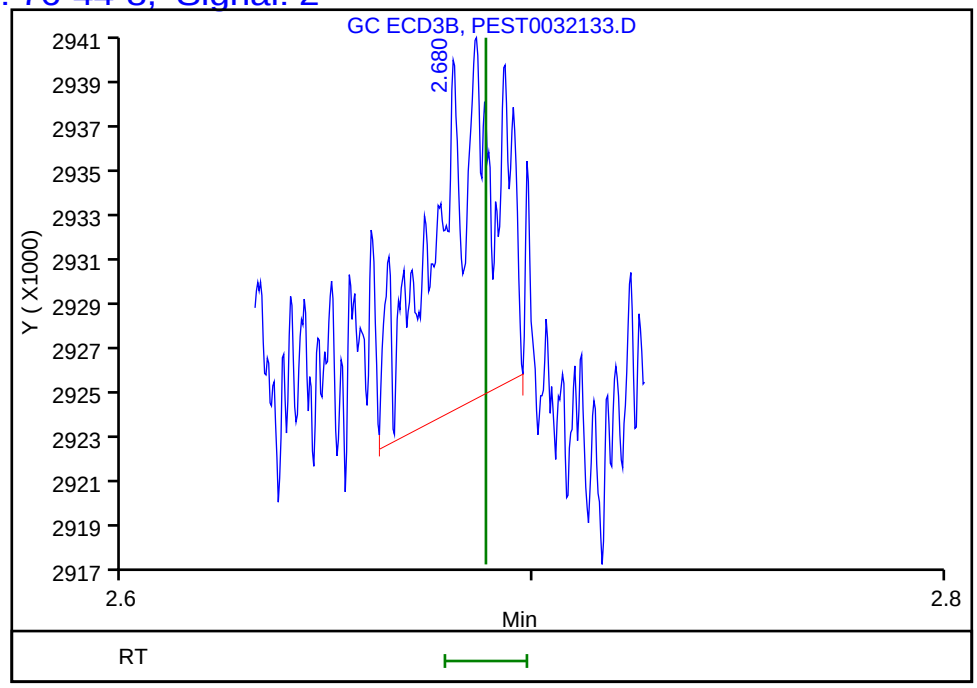
RT: 3.23
Response: 12254
Amount: 0.007424



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.68
Response: 16911
Amount: 0.006937



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

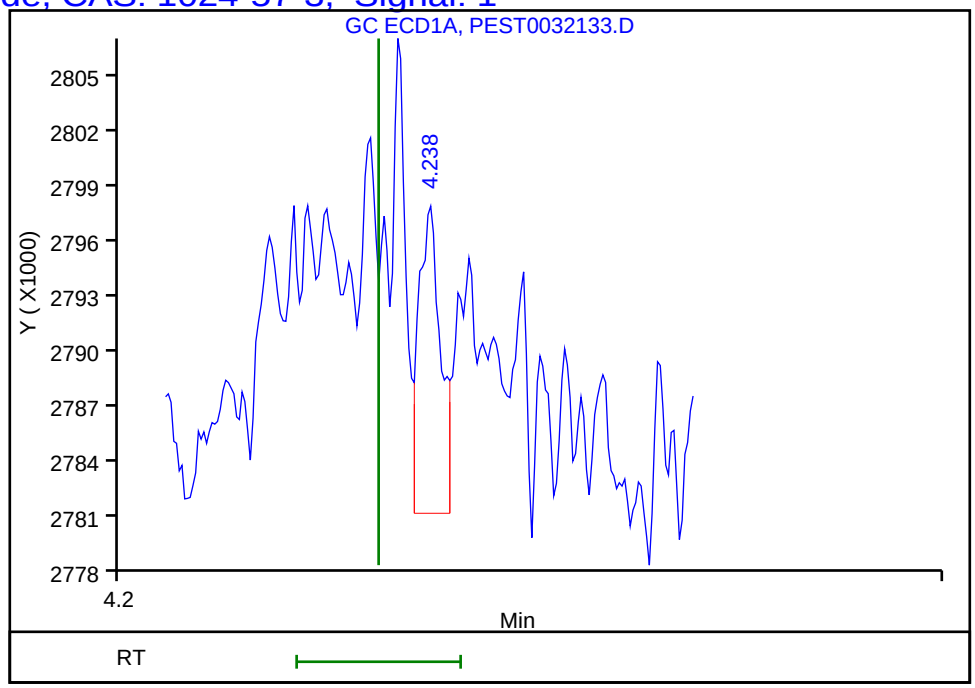
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

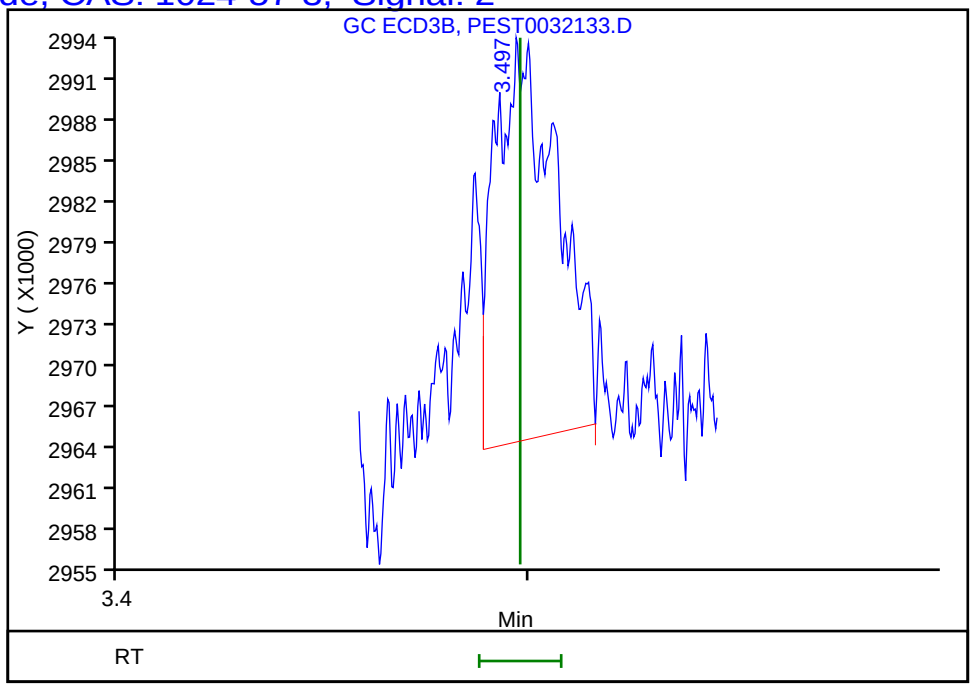
RT: 4.24
Response: 2976
Amount: 0.002046



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.50
Response: 30327
Amount: 0.013357



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

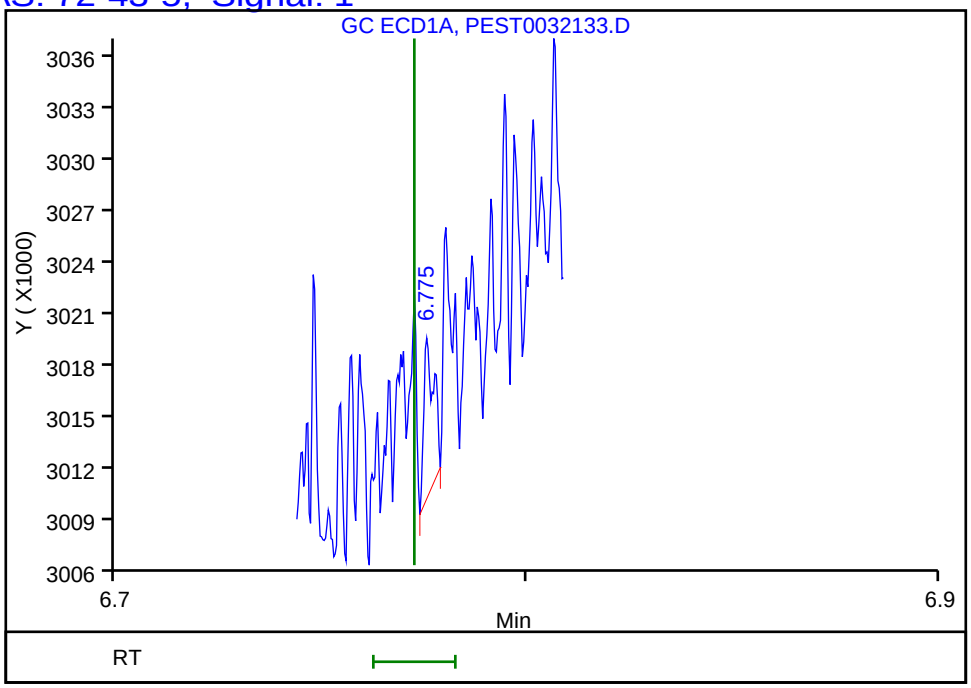
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

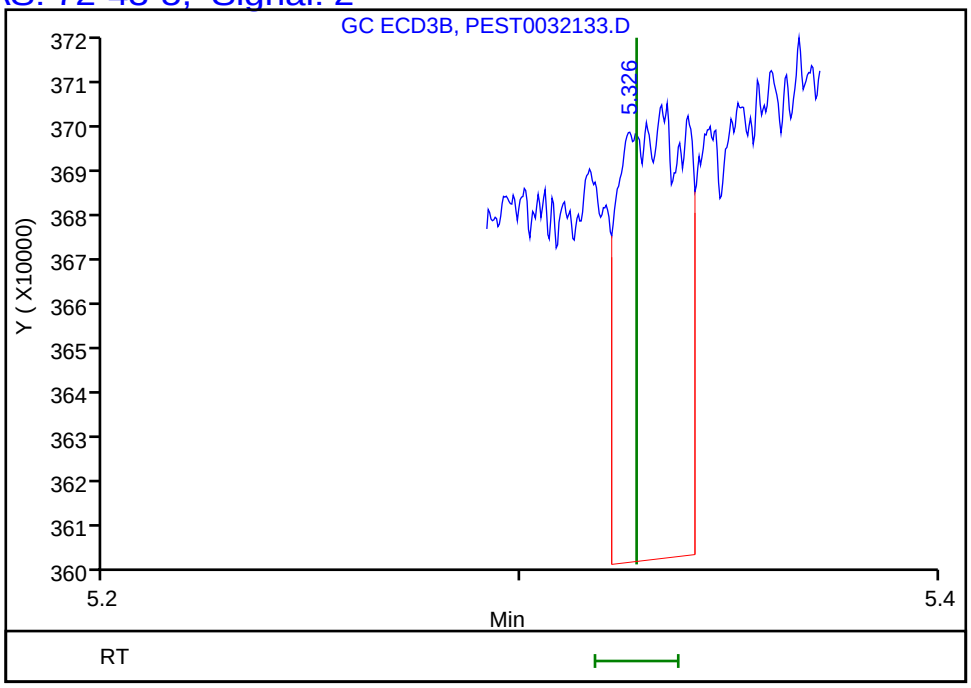
RT: 6.78
Response: 1528
Amount: 0.002266



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33
Response: 104011
Amount: 0.091451



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-810508/1-A

Matrix: Solid Lab File ID: PEST0032133.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 15:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0010	U	0.0067	0.0010
319-84-6	alpha-BHC	0.00068	U	0.0020	0.00068
319-85-7	beta-BHC	0.00075	U	0.0020	0.00075
319-86-8	delta-BHC	0.00041	U	0.0020	0.00041
58-89-9	gamma-BHC (Lindane)	0.00062	U	0.0020	0.00062
12789-03-6	Chlordane (technical)	0.016	U	0.067	0.016
72-54-8	4,4'-DDD	0.0011	U	0.0067	0.0011
72-55-9	4,4'-DDE	0.00079	U	0.0067	0.00079
50-29-3	4,4'-DDT	0.0012	U	0.0067	0.0012
60-57-1	Dieldrin	0.00087	U	0.0020	0.00087
959-98-8	Endosulfan I	0.0010	U	0.0067	0.0010
33213-65-9	Endosulfan II	0.0017	U	0.0067	0.0017
1031-07-8	Endosulfan sulfate	0.00084	U	0.0067	0.00084
72-20-8	Endrin	0.00096	U	0.0067	0.00096
7421-93-4	Endrin aldehyde	0.0016	U	0.0067	0.0016
53494-70-5	Endrin ketone	0.0013	U	0.0067	0.0013
76-44-8	Heptachlor	0.00079	U	0.0067	0.00079
1024-57-3	Heptachlor epoxide	0.0010	U	0.0067	0.0010
72-43-5	Methoxychlor	0.0015	U	0.0067	0.0015
8001-35-2	Toxaphene	0.024	U	0.067	0.024

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		10-133
2051-24-3	DCB Decachlorobiphenyl	87		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Lims ID: MB 460-810508/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Nov-2021 15:31:15 ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-008
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:57:42

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	117918761	100.0	100.0	
2	1.498	1.497	0.001	159440884	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	58980113	50.0	40.7	
2	1.852	1.853	-0.001	83521744	50.0	40.3	
						RPD = 1.02	
$ 24 DCB Decachlorobiphenyl							
1	8.320	8.322	-0.002	56139323	50.0	52.3	
2	7.353	7.353	0.000	95194506	50.0	43.3	
						RPD = 18.95	

Reagents:

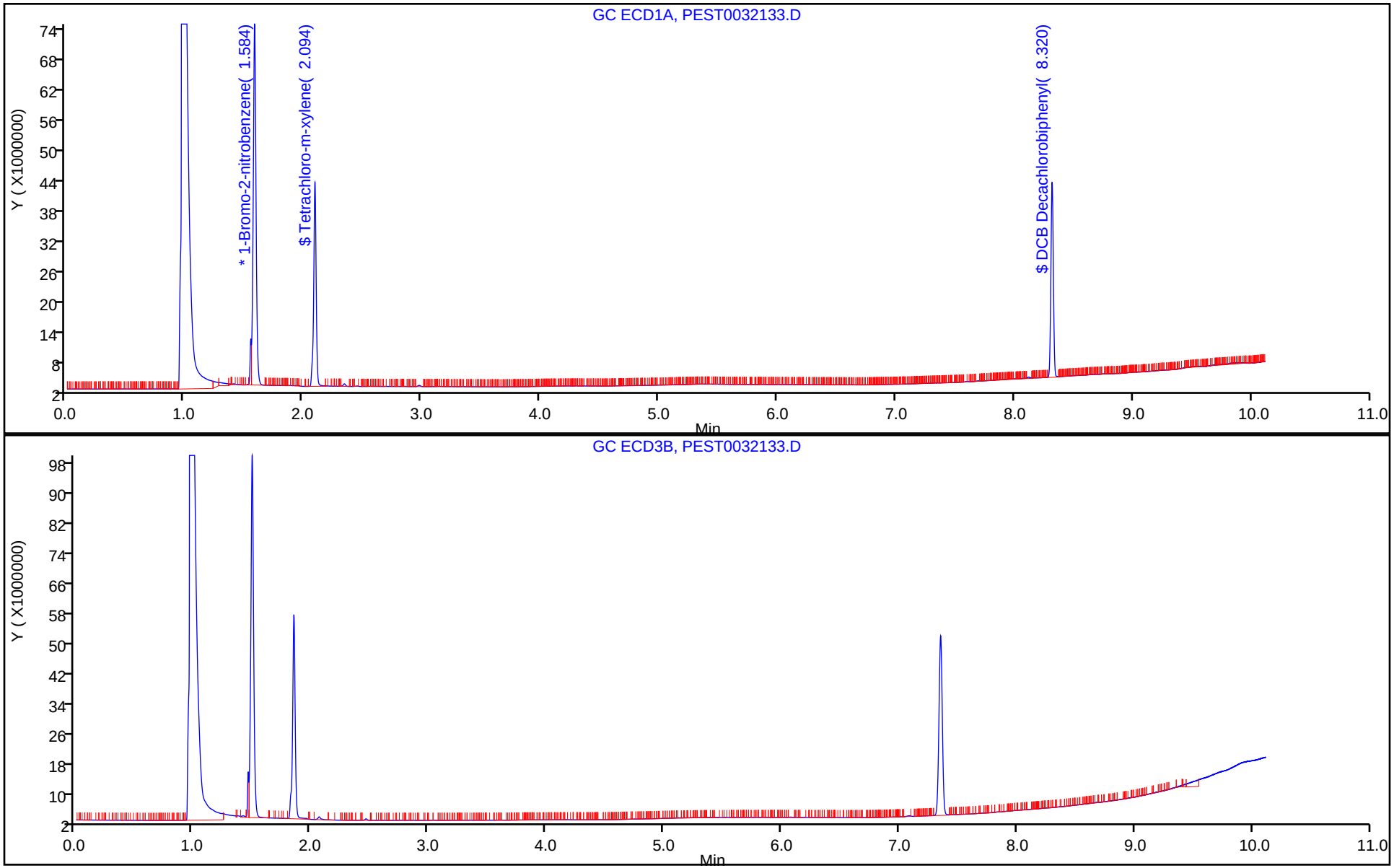
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:03:01 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D

Injection Date:	01-Nov-2021 15:31:15	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	MB 460-810508/1-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

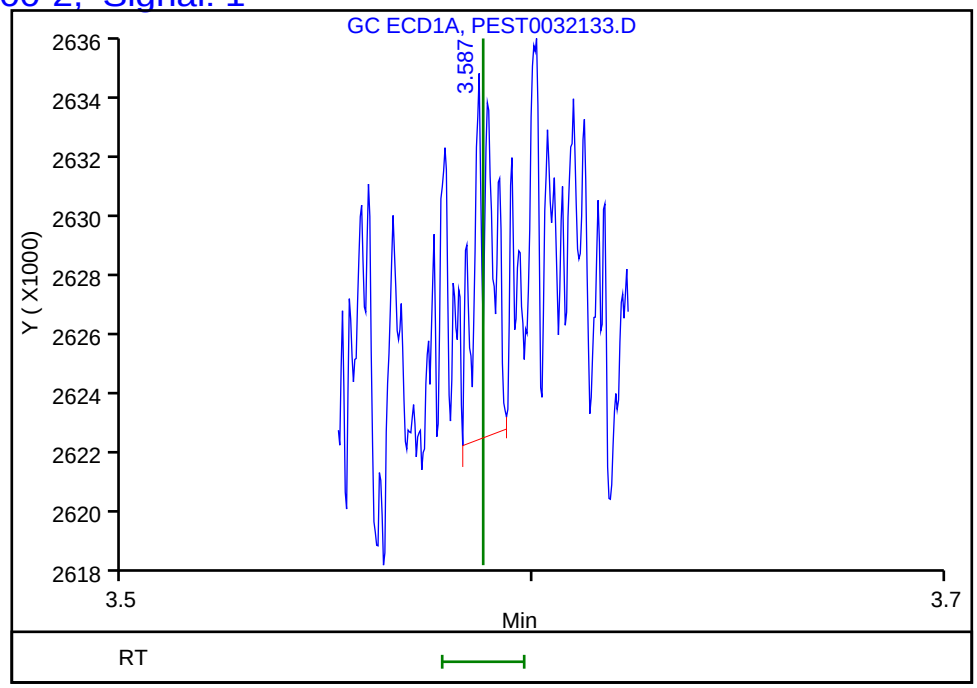
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

8 Aldrin, CAS: 309-00-2, Signal: 1

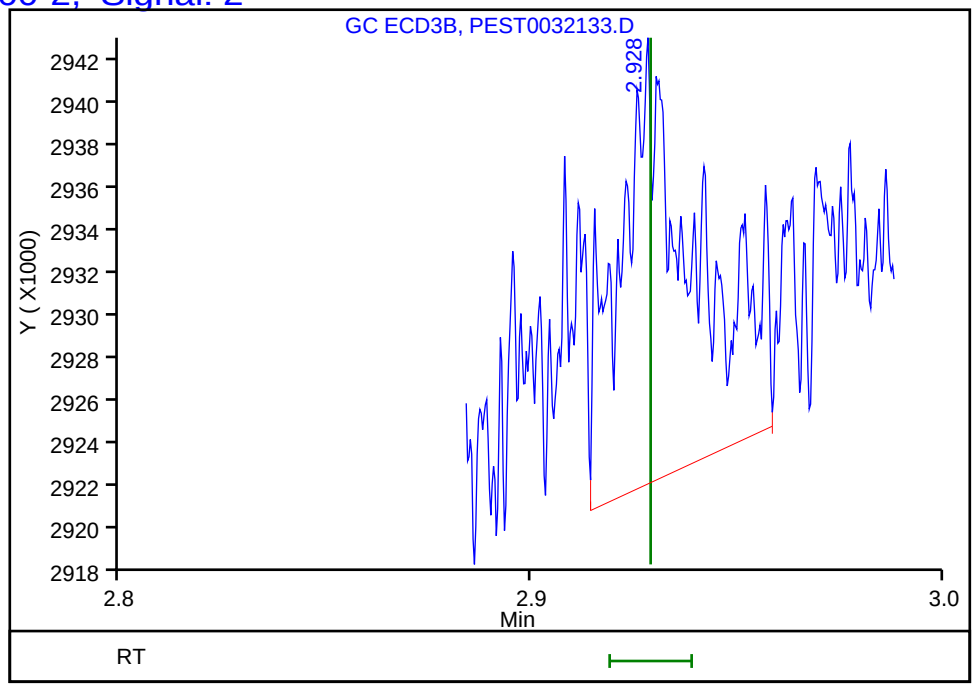
RT: 3.59
Response: 3736
Amount: 0.002291



Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 2.93
Response: 25649
Amount: 0.010543



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

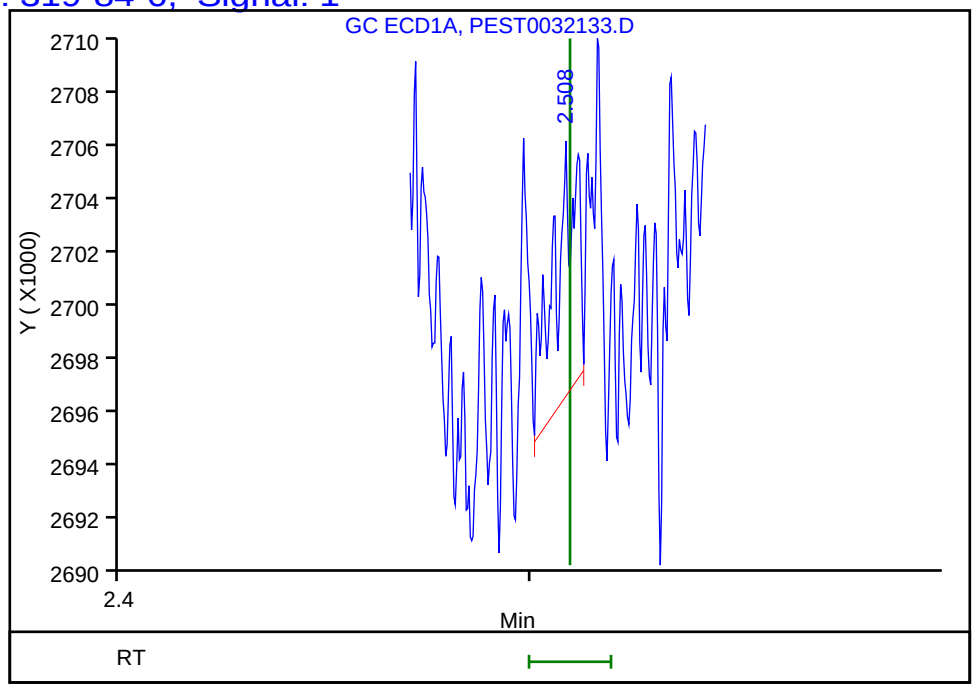
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

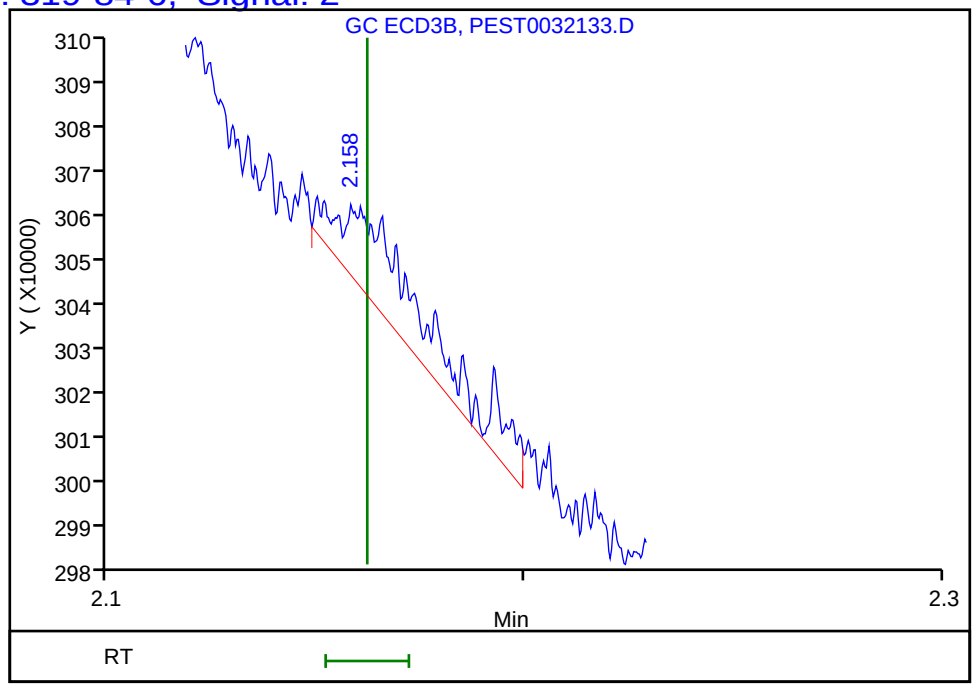
RT: 2.51
Response: 3713
Amount: 0.001915



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.16
Response: 29329
Amount: 0.010620



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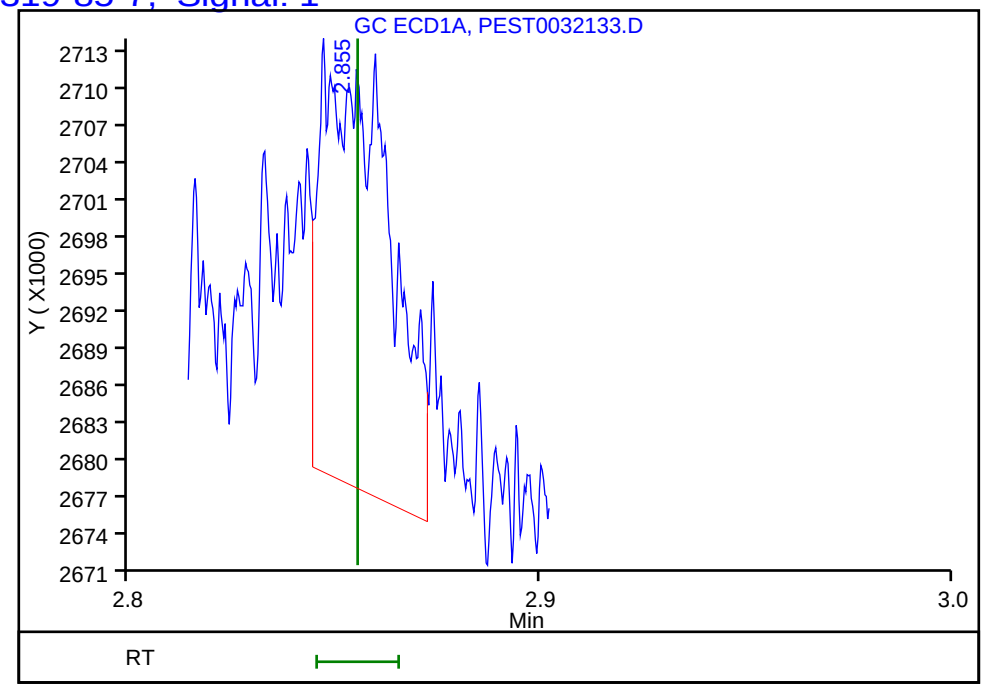
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.85
Response: 39989
Amount: 0.056925



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.40
Response: 29518
Amount: 0.030766

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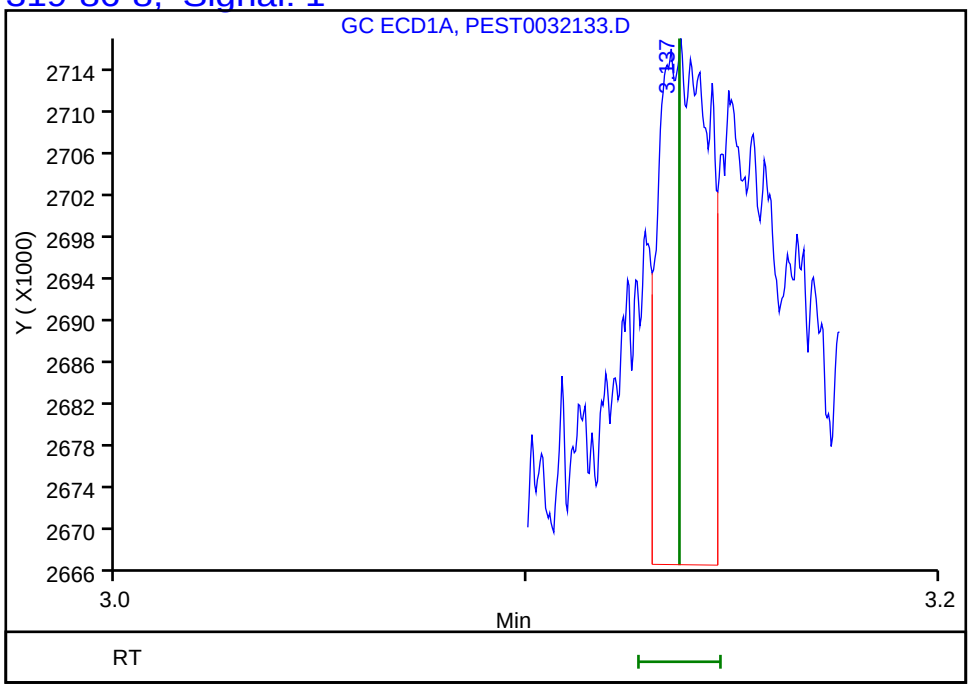
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

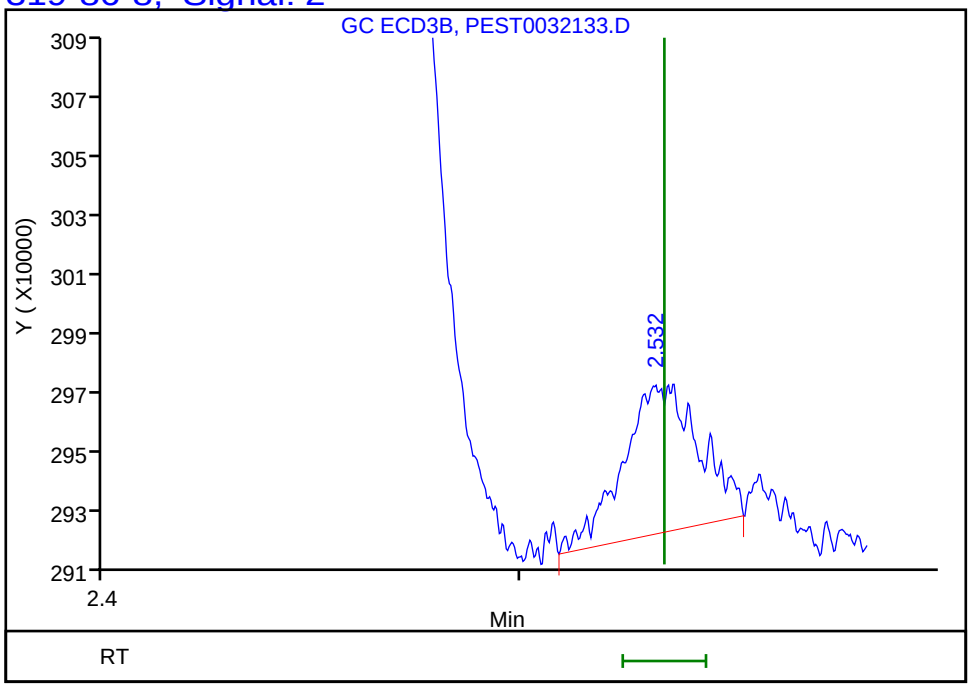
RT: 3.14
Response: 40825
Amount: 0.027145



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 58659
Amount: 0.027618



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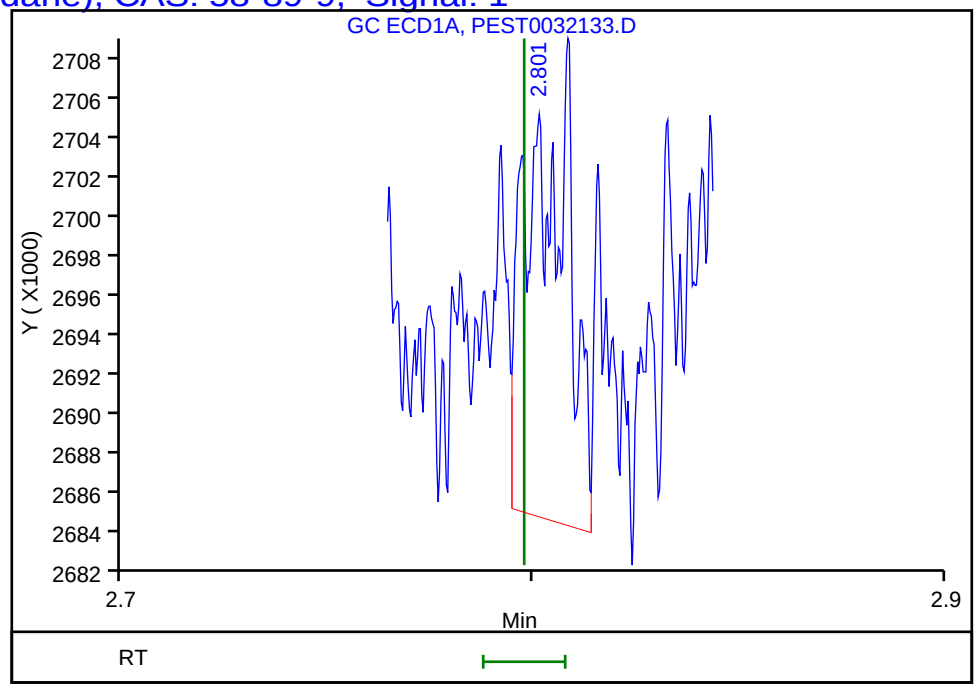
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

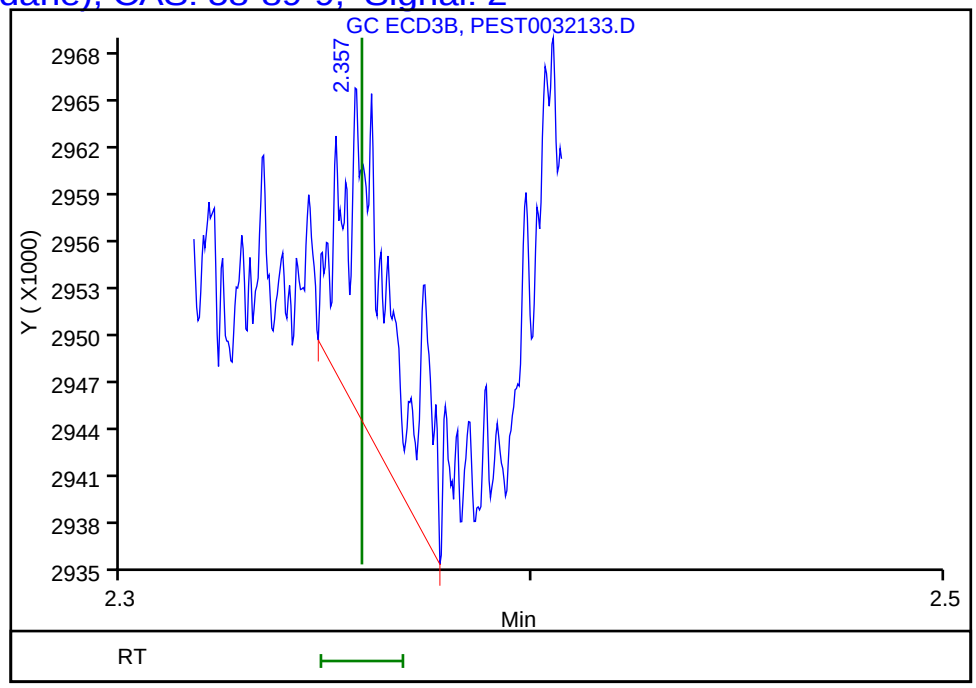
RT: 2.80
Response: 15376
Amount: 0.008723



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 18371
Amount: 0.007208



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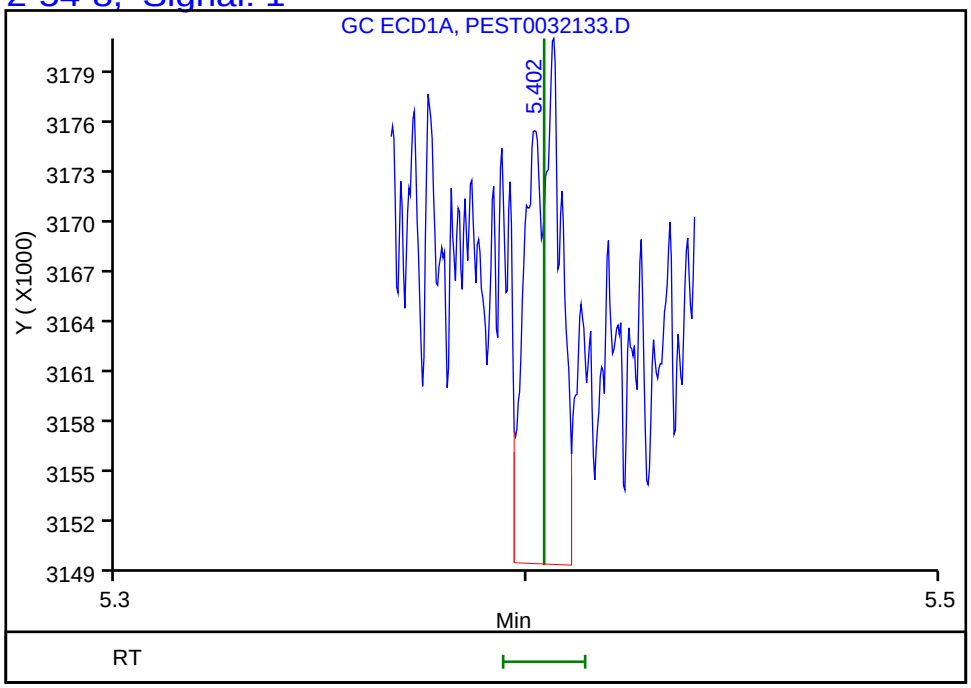
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

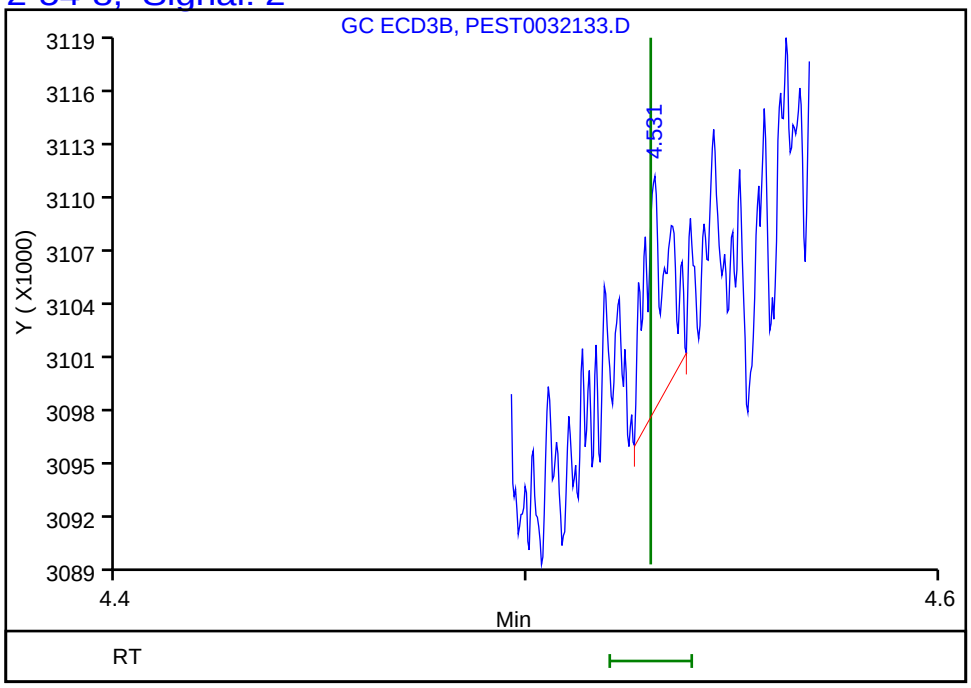
RT: 5.40
Response: 16007
Amount: 0.012950



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53
Response: 5176
Amount: 0.002733



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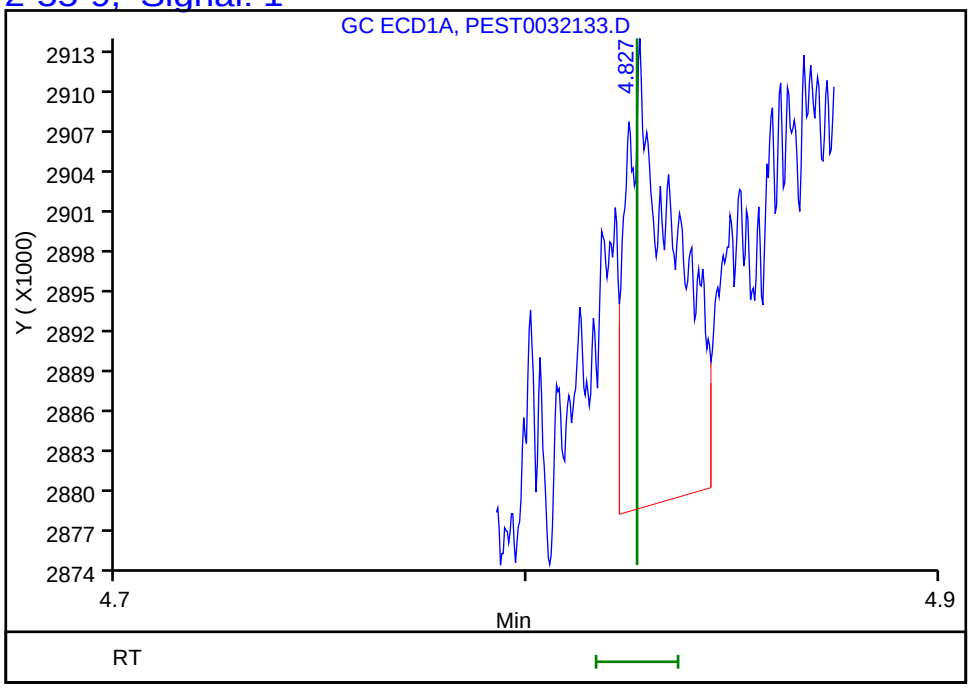
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

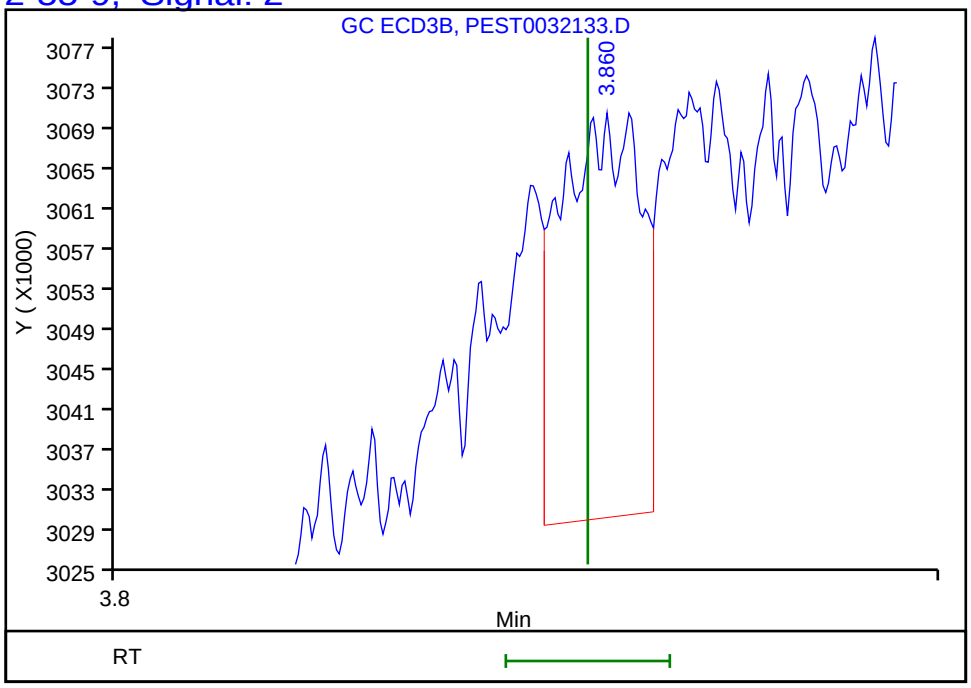
RT: 4.83
Response: 27213
Amount: 0.018257



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86
Response: 27229
Amount: 0.011603



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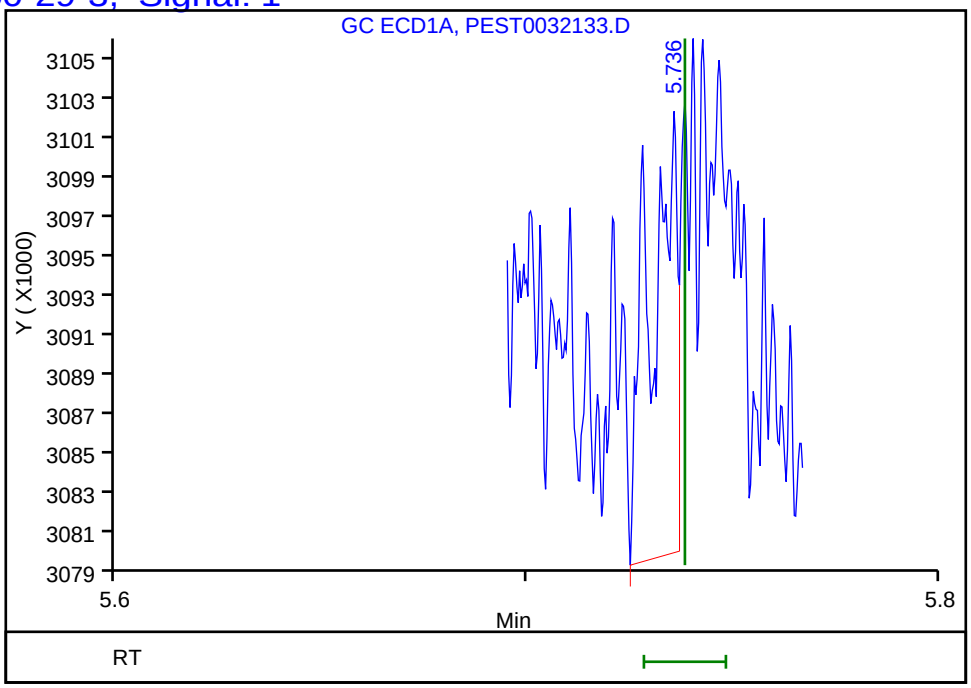
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

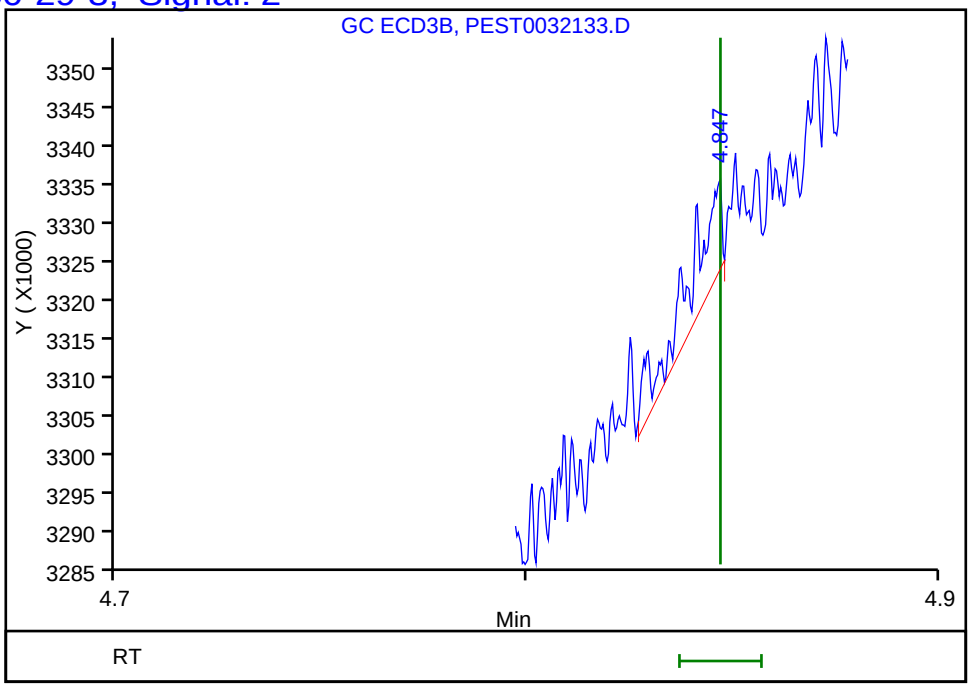
RT: 5.74
Response: 9889
Amount: 0.008415



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 7695
Amount: 0.003918



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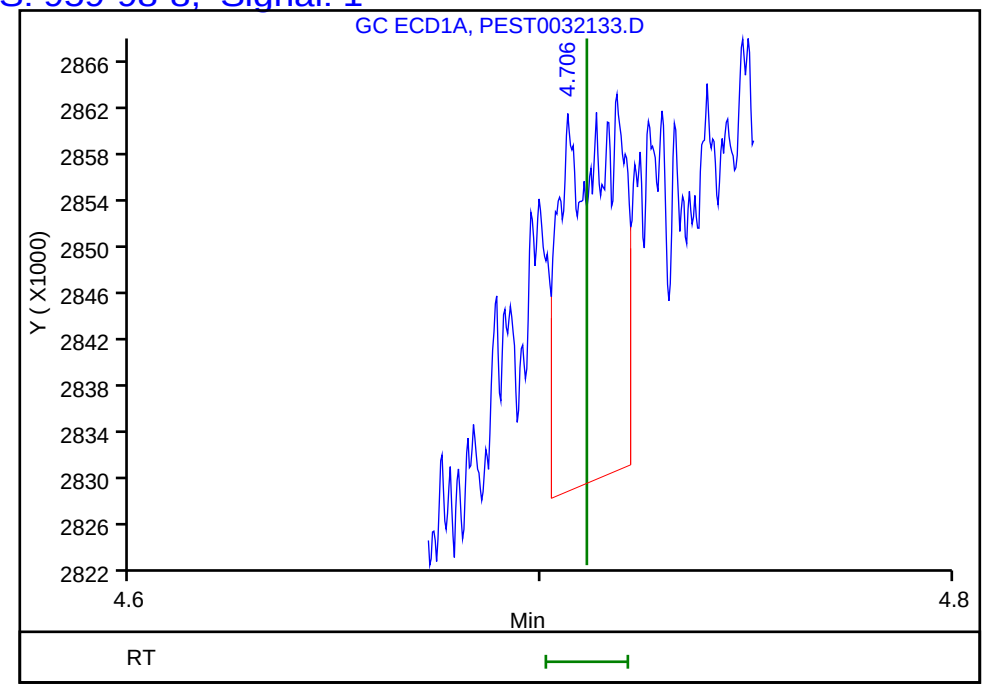
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

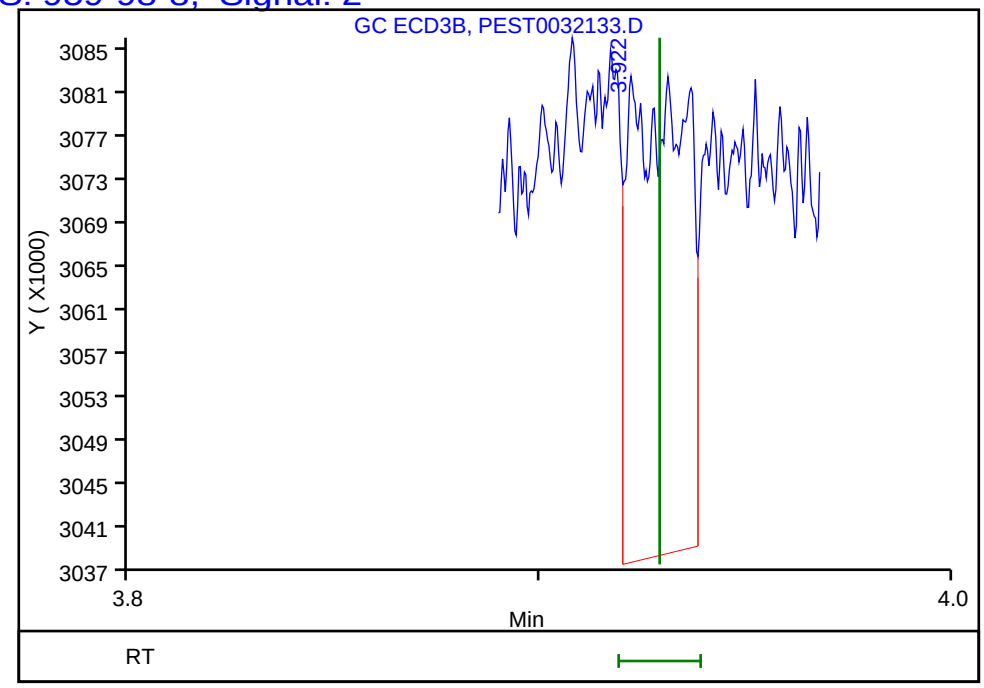
RT: 4.71
Response: 30403
Amount: 0.022622



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.92
Response: 42290
Amount: 0.020158



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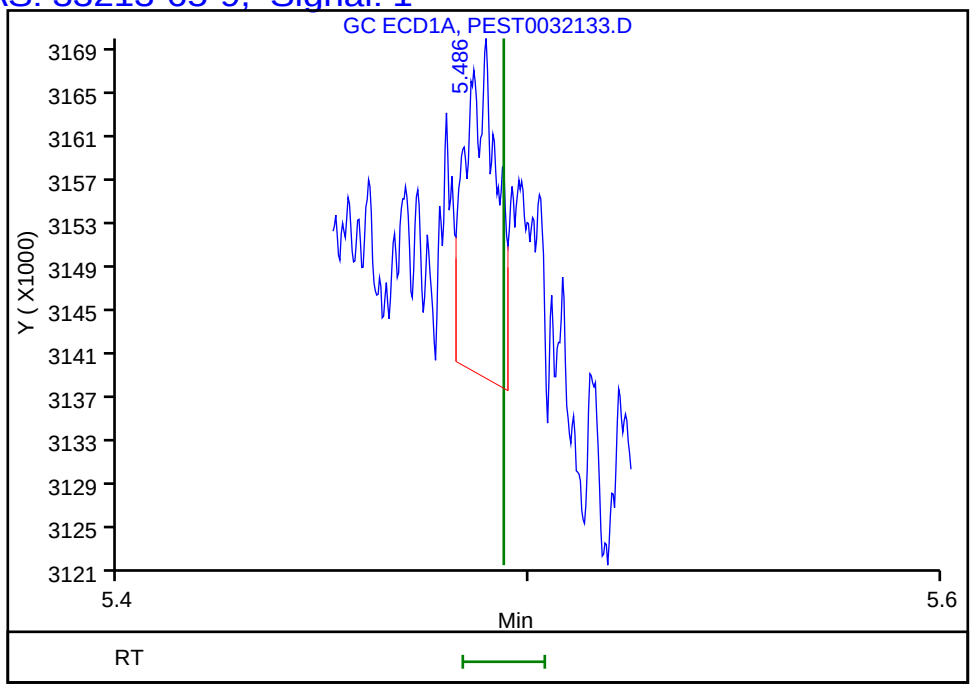
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

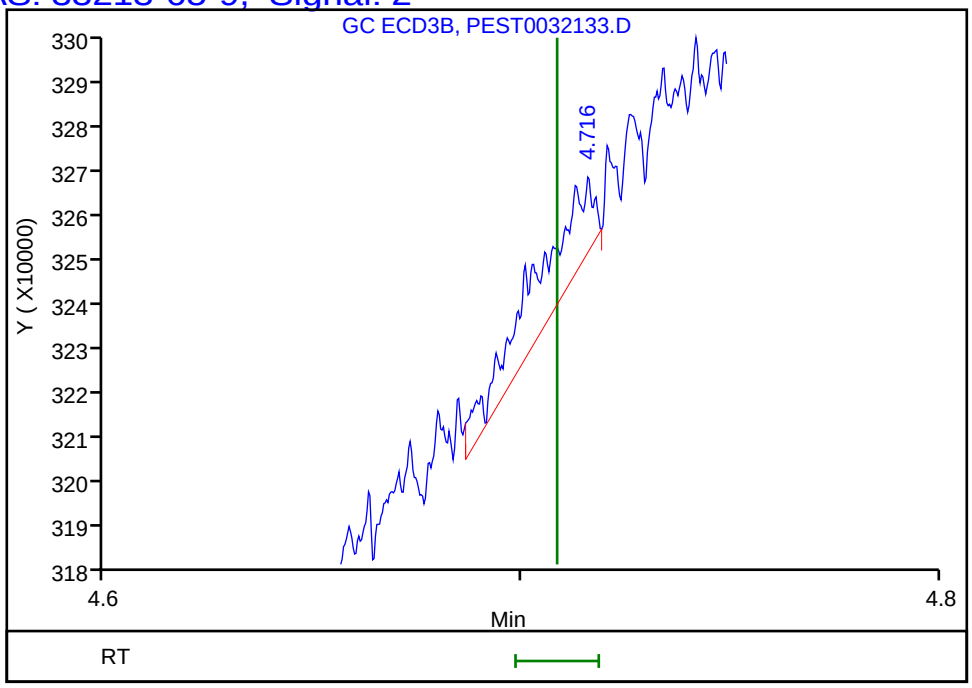
RT: 5.49
Response: 15795
Amount: 0.012328



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.72
Response: 19966
Amount: 0.010064



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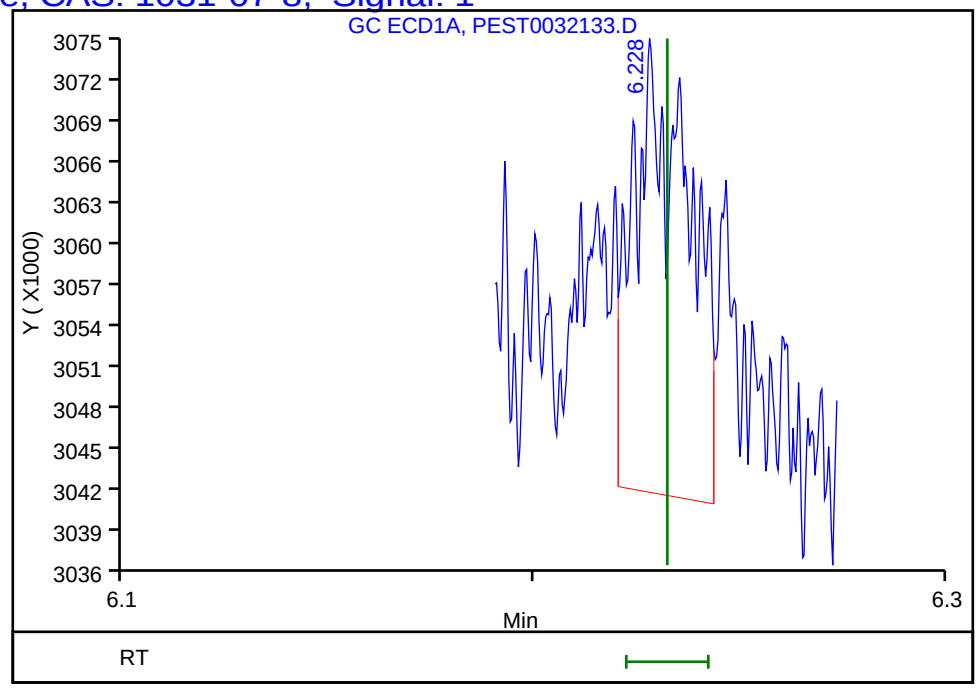
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

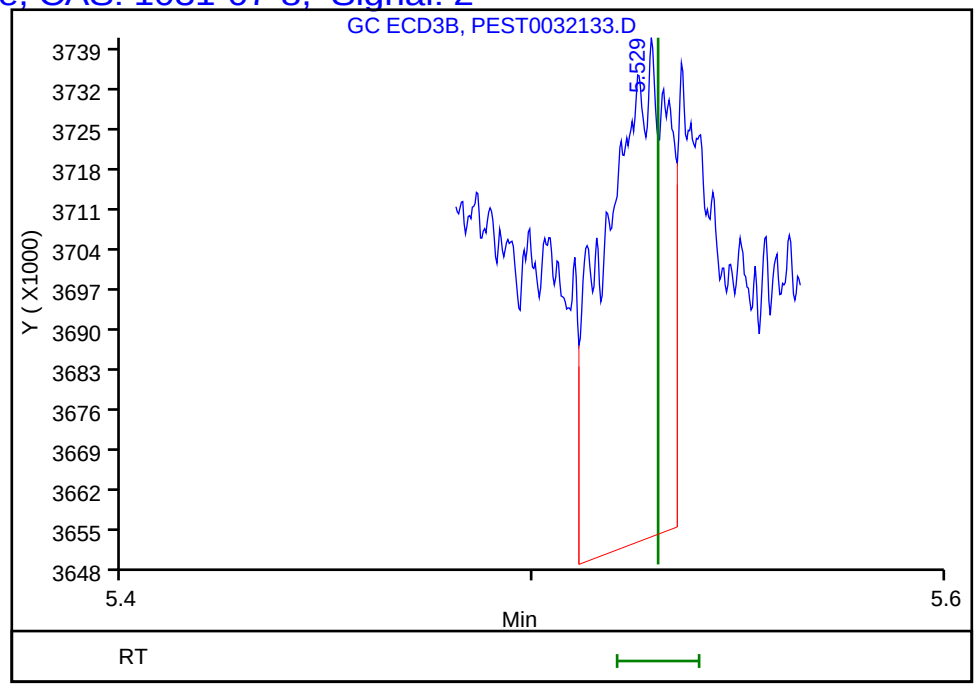
RT: 6.23
Response: 30860
Amount: 0.027074



Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.53
Response: 94087
Amount: 0.048198



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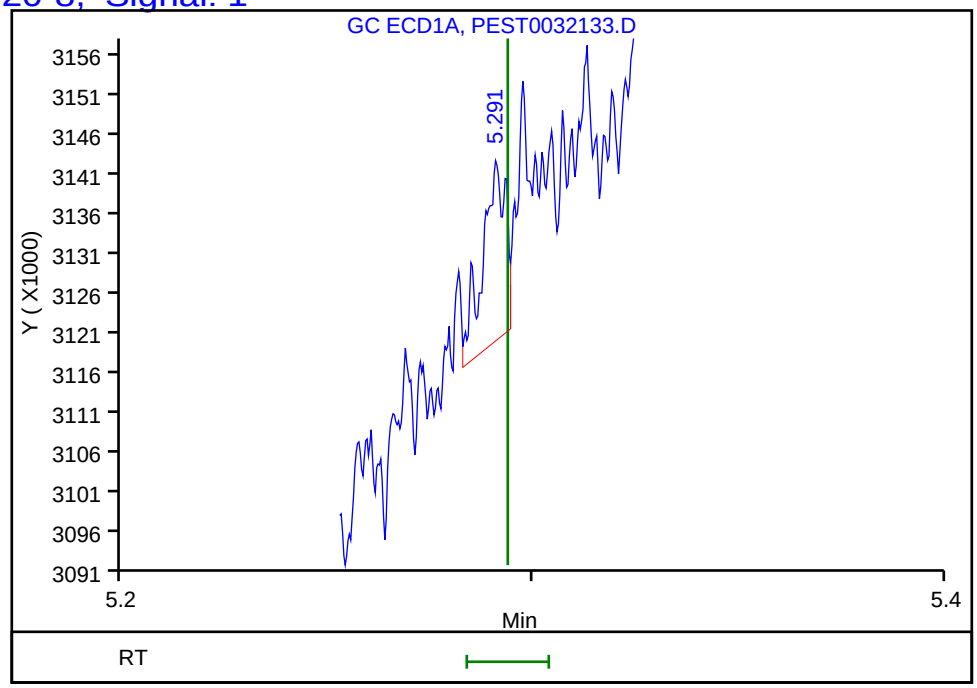
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

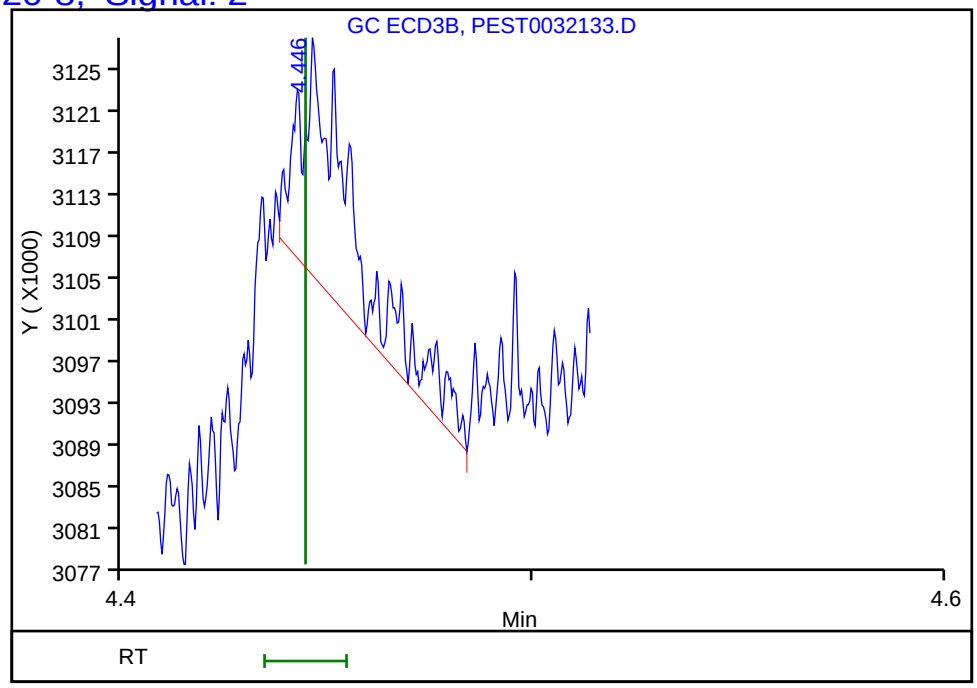
RT: 5.29
Response: 8817
Amount: 0.006174



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.45
Response: 20928
Amount: 0.009740



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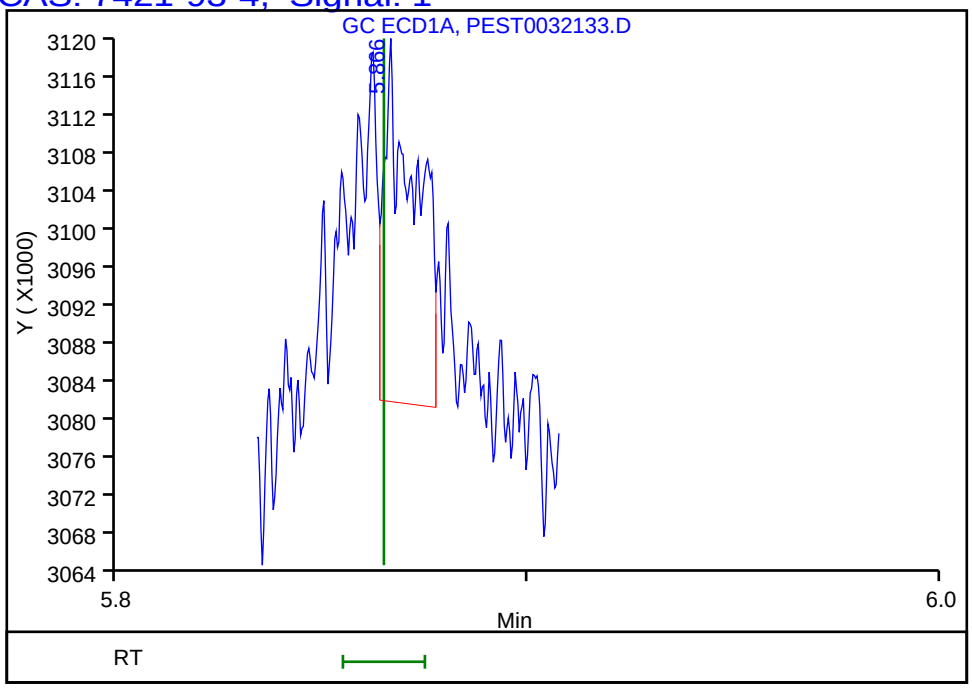
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

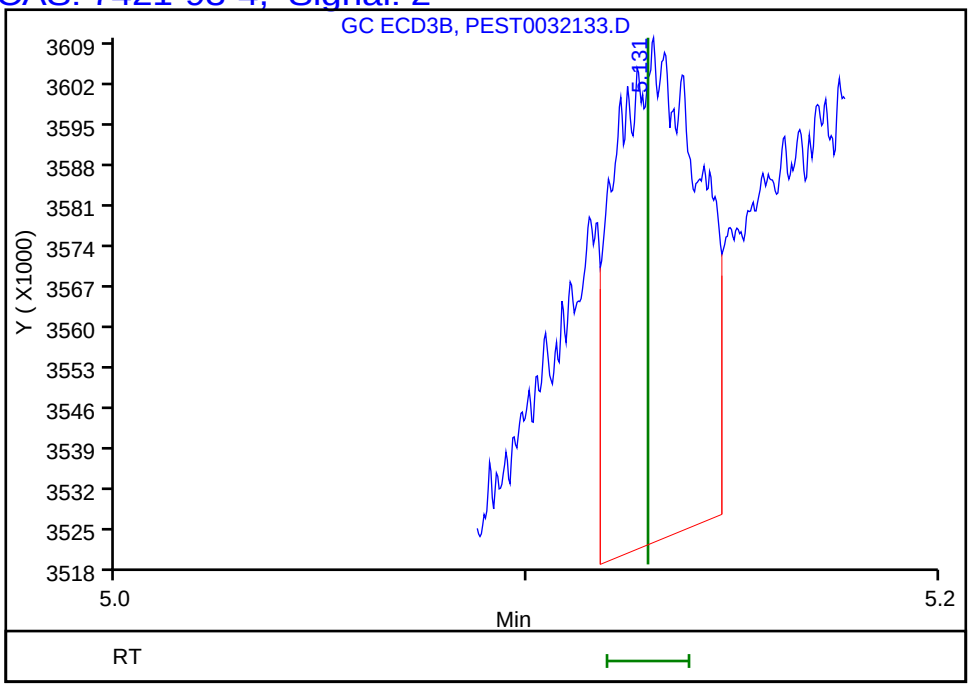
RT: 5.87
Response: 19757
Amount: 0.019531



Column: Detector GC ECD2B

5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.13
Response: 122924
Amount: 0.073372



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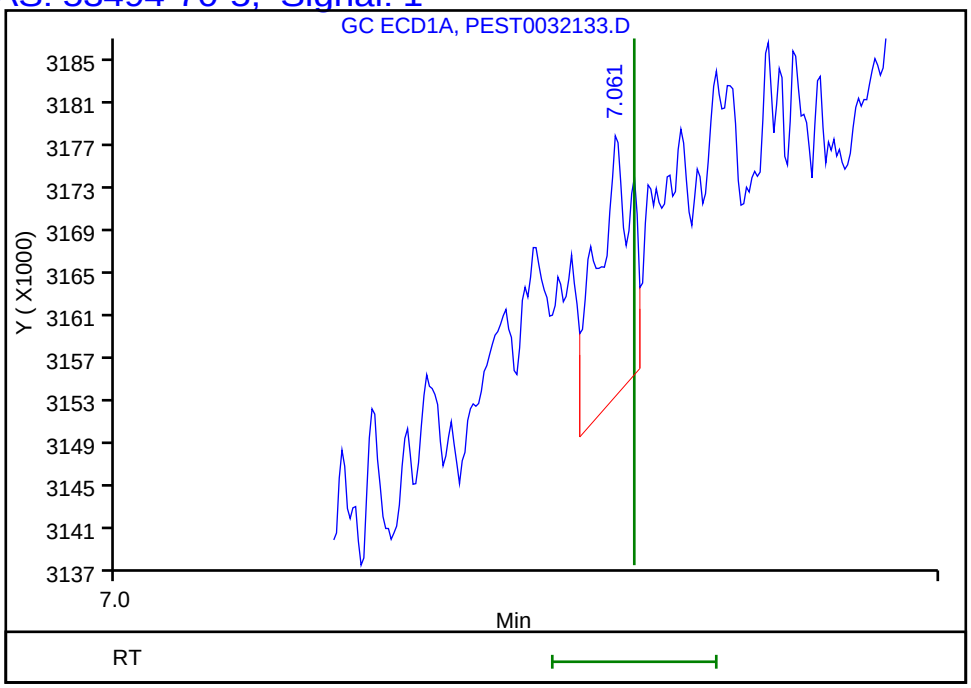
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

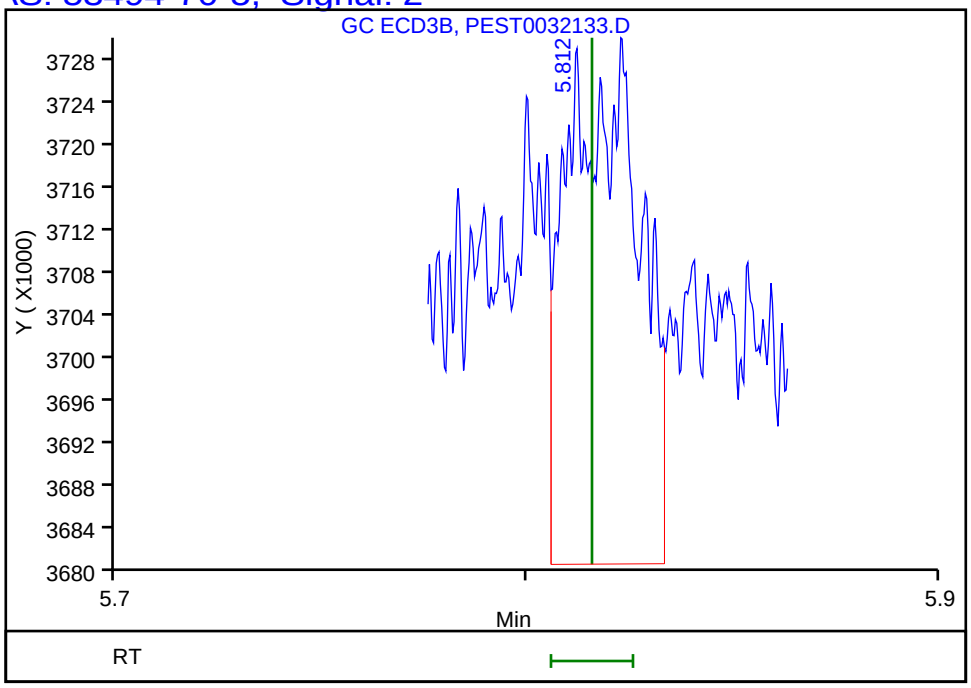
RT: 7.06
Response: 6809
Amount: 0.005972



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 59449
Amount: 0.031109



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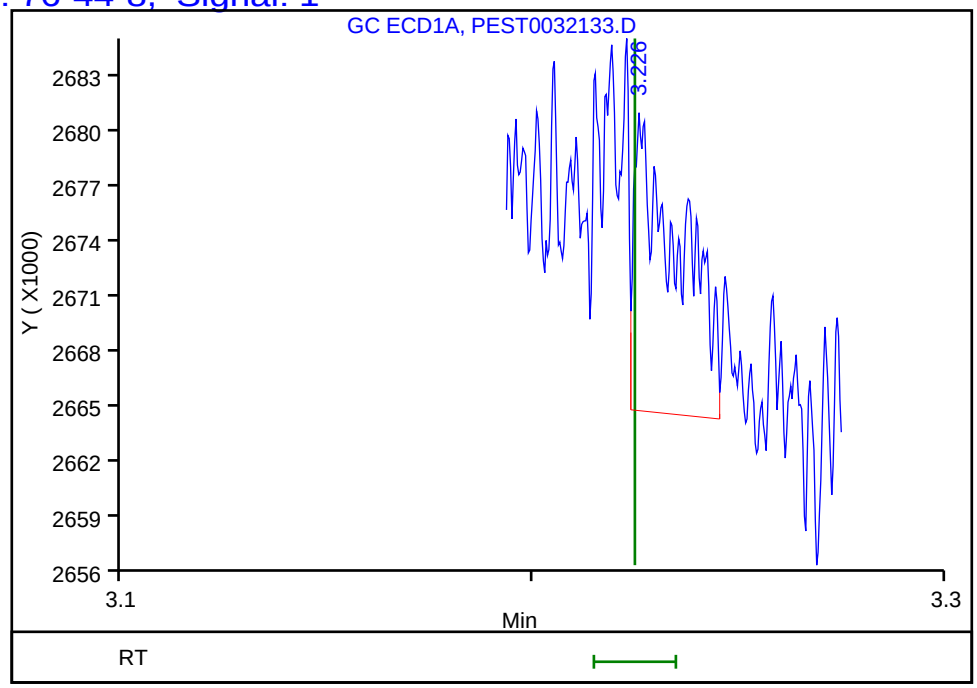
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

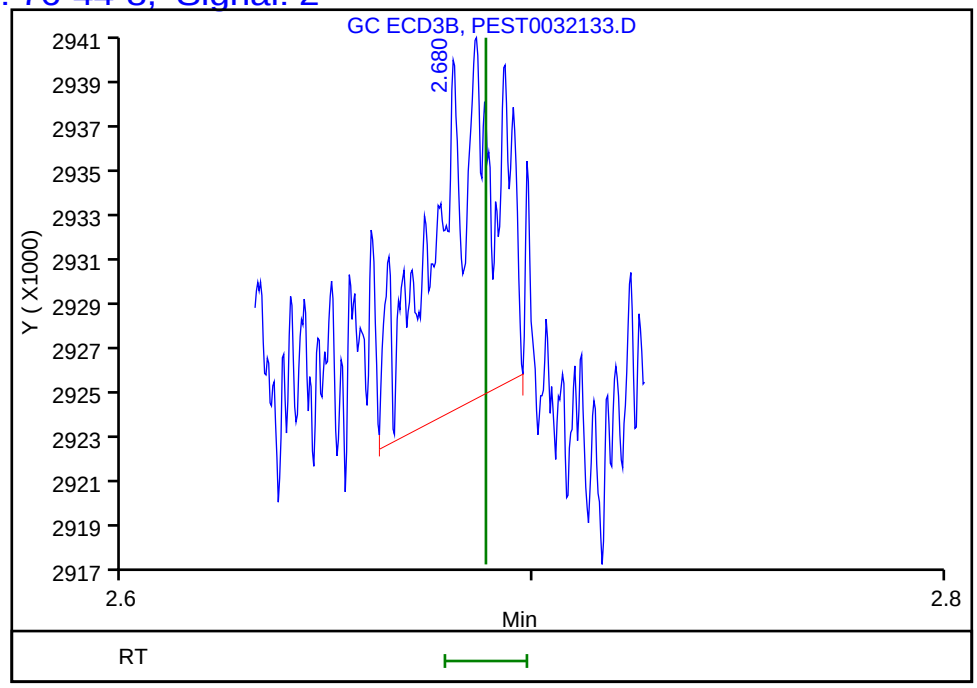
RT: 3.23
Response: 12254
Amount: 0.007424



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.68
Response: 16911
Amount: 0.006937



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

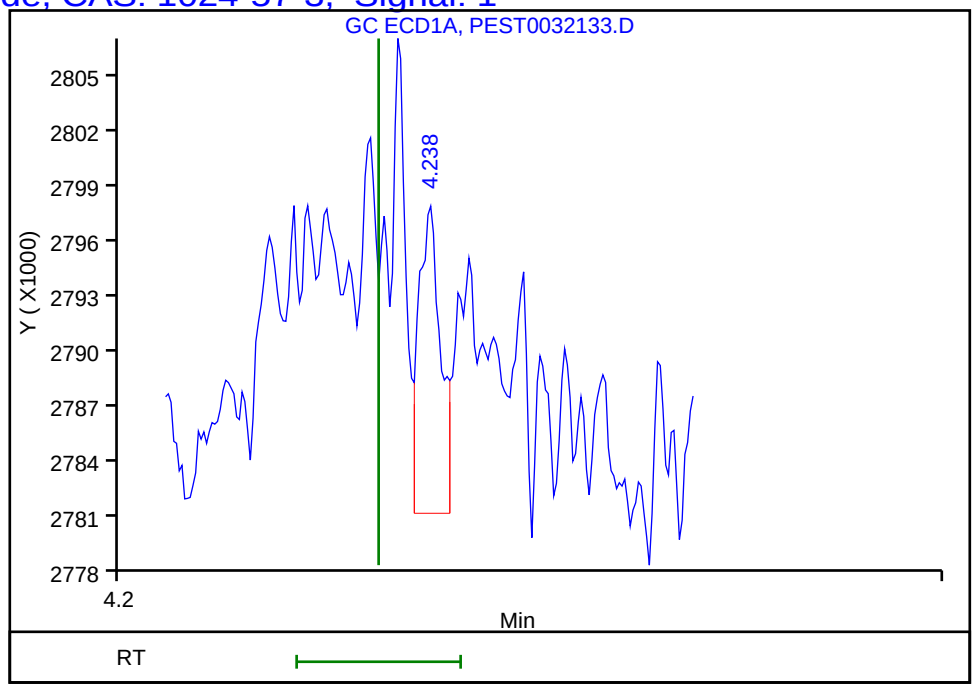
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

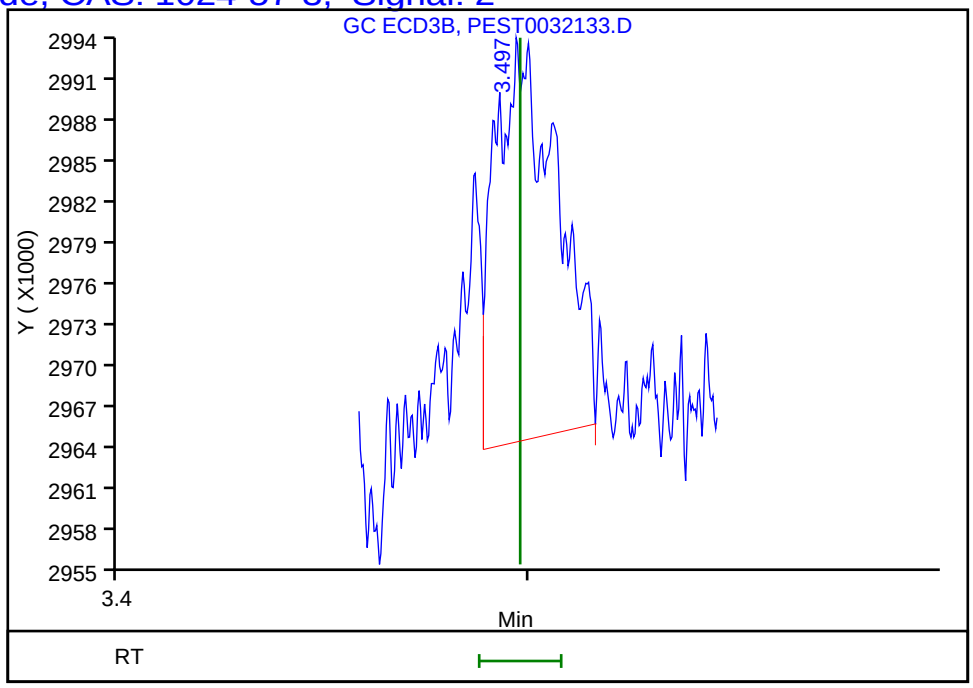
RT: 4.24
Response: 2976
Amount: 0.002046



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.50
Response: 30327
Amount: 0.013357



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

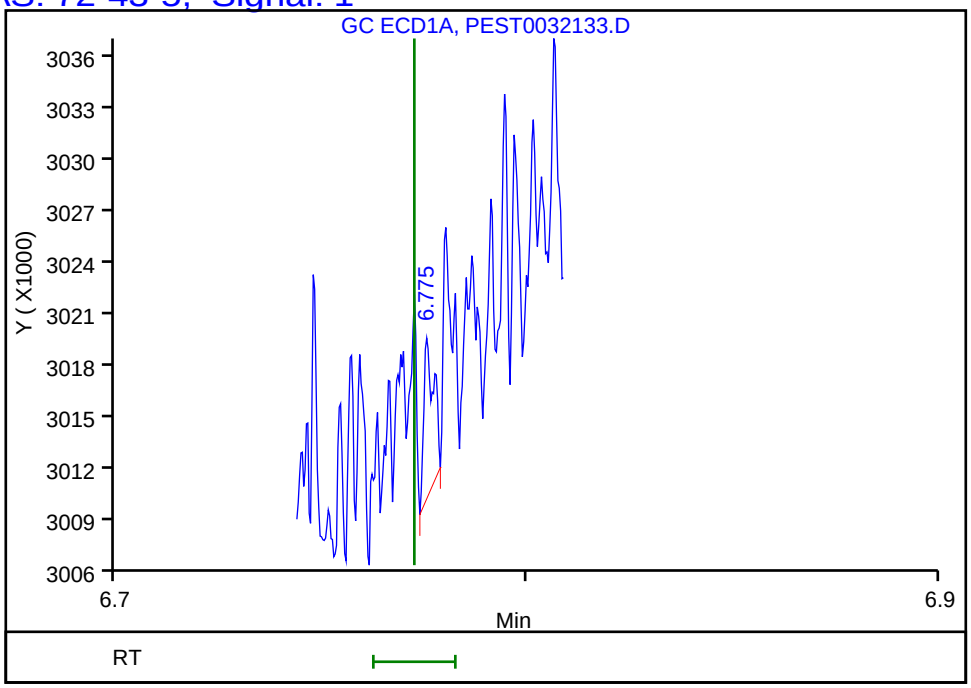
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032133.D
Injection Date: 01-Nov-2021 15:31:15 Instrument ID: CPESTGC12
Lims ID: MB 460-810508/1-A
Client ID:
Operator ID: ALS Bottle#: 60 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

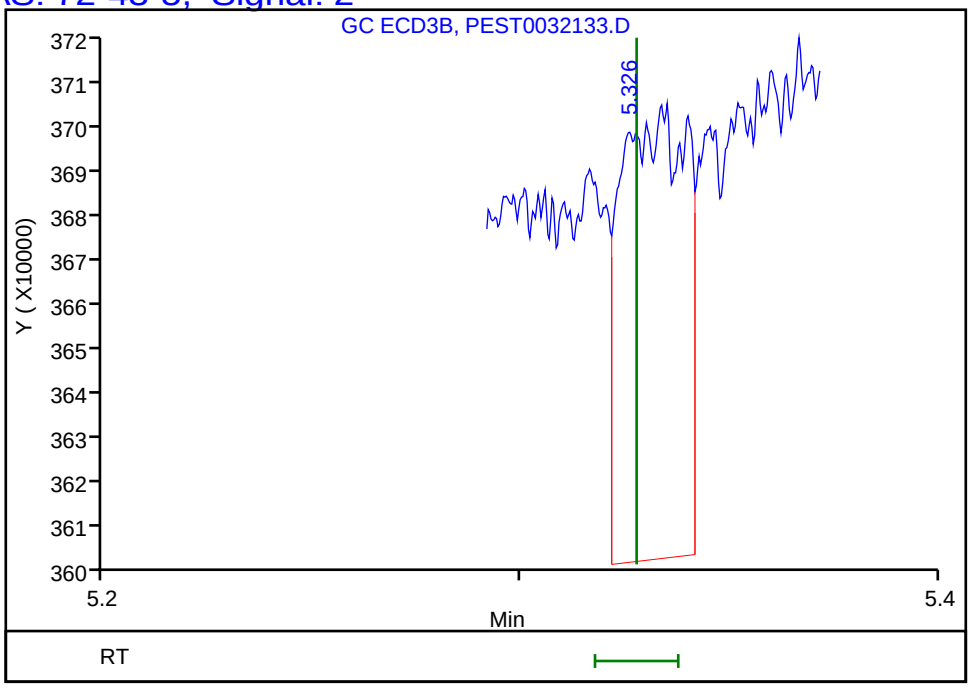
RT: 6.78
Response: 1528
Amount: 0.002266



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33
Response: 104011
Amount: 0.091451



Reviewer: manlangitf, 02-Nov-2021 03:57:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-810665/1

Matrix: Solid Lab File ID: PEST0032126a.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/01/2021 14:01

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0030	U	0.020	0.0030
319-84-6	alpha-BHC	0.0070	U	0.020	0.0070
319-85-7	beta-BHC	0.015	U	0.020	0.015
319-86-8	delta-BHC	0.0050	U	0.020	0.0050
58-89-9	gamma-BHC (Lindane)	0.012	U	0.020	0.012
12789-03-6	Chlordane (technical)	0.055	U	0.50	0.055
72-54-8	4,4'-DDD	0.0060	U	0.020	0.0060
72-55-9	4,4'-DDE	0.0020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.0040	U	0.020	0.0040
60-57-1	Dieldrin	0.0030	U	0.020	0.0030
959-98-8	Endosulfan I	0.0020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.0040	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.0060	U	0.020	0.0060
72-20-8	Endrin	0.0040	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.0080	U	0.020	0.0080
53494-70-5	Endrin ketone	0.0080	U	0.020	0.0080
76-44-8	Heptachlor	0.0030	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.0050	U	0.020	0.0050
72-43-5	Methoxychlor	0.0040	U	0.020	0.0040
8001-35-2	Toxaphene	0.11	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	99		10-133
2051-24-3	DCB Decachlorobiphenyl	114		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Nov-2021 14:01:31 ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136897-053
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:23:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	141931257	100.0	100.0	
2	1.498	1.497	0.001	191756416	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	34380578	20.0	19.7	
2	1.853	1.853	0.000	50768173	20.0	20.4	
						RPD = 3.25	
$ 24 DCB Decachlorobiphenyl							
1	8.320	8.322	-0.002	29545541	20.0	22.9	
2	7.353	7.353	0.000	49004439	20.0	18.5	
						RPD = 21.06	

Reagents:

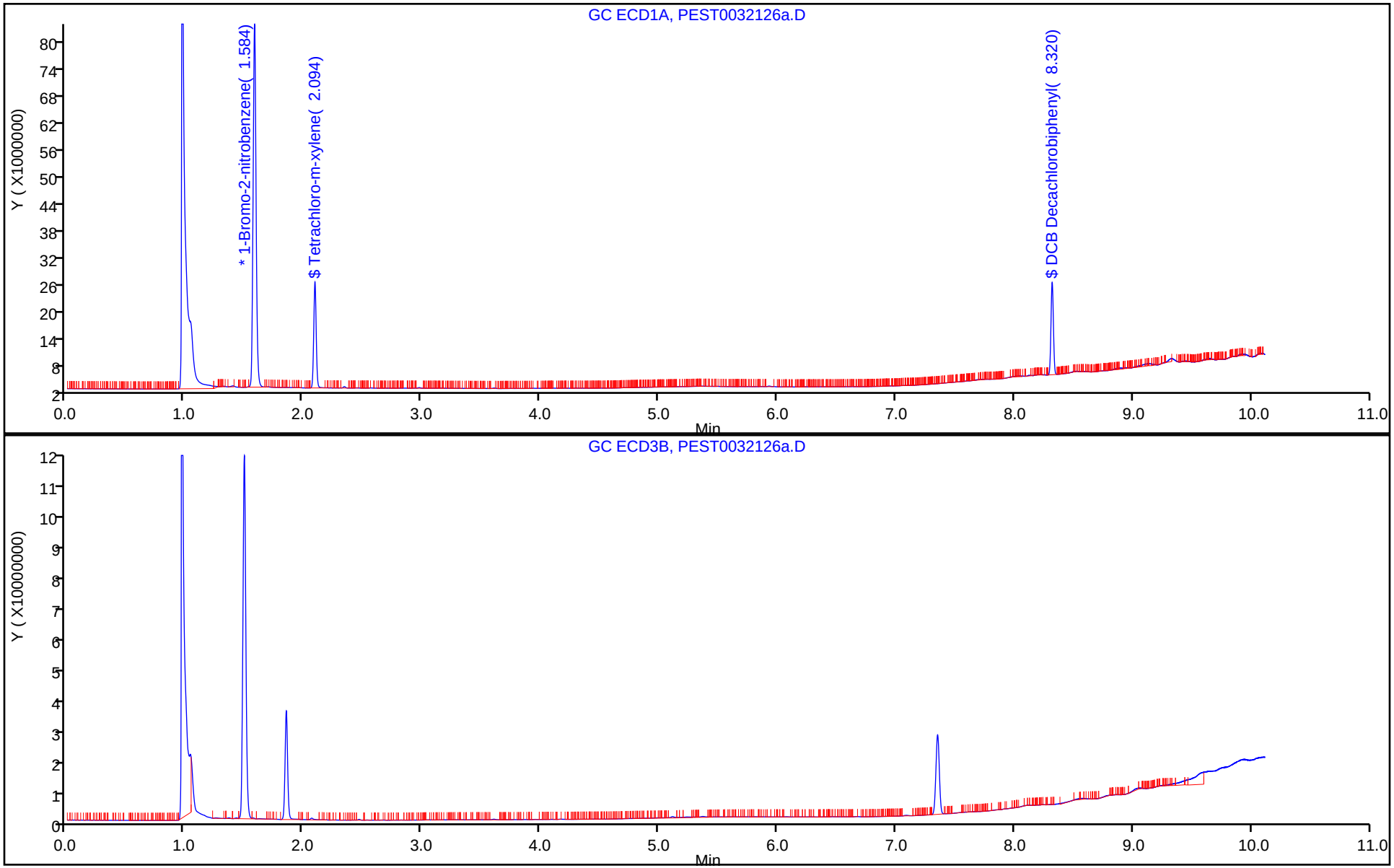
SGPIBLK_00032 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 05:33:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D

Injection Date:	01-Nov-2021 14:01:31	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	53
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

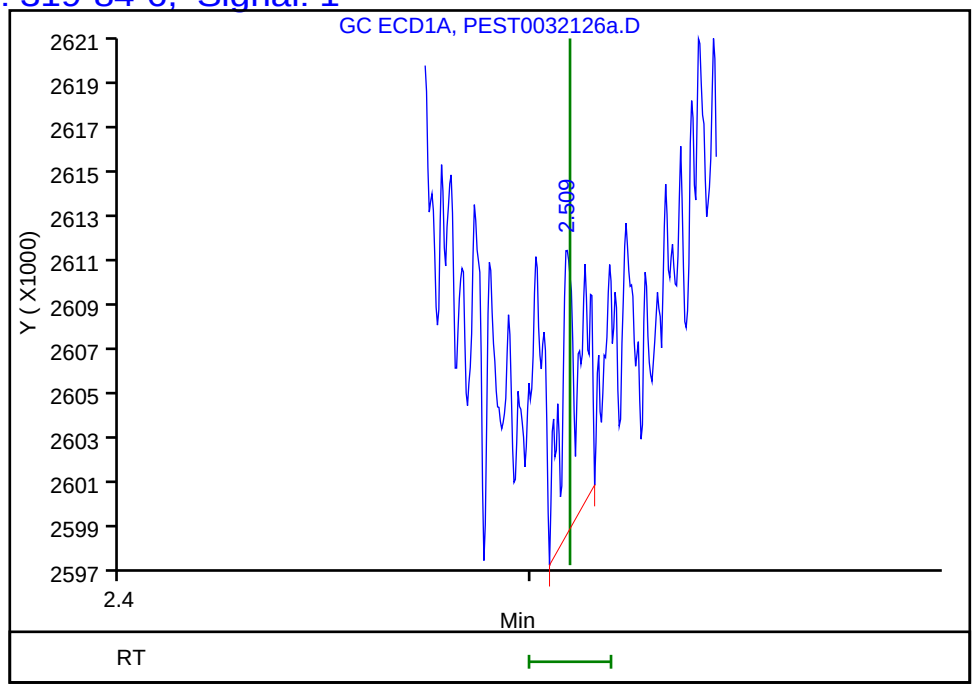
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

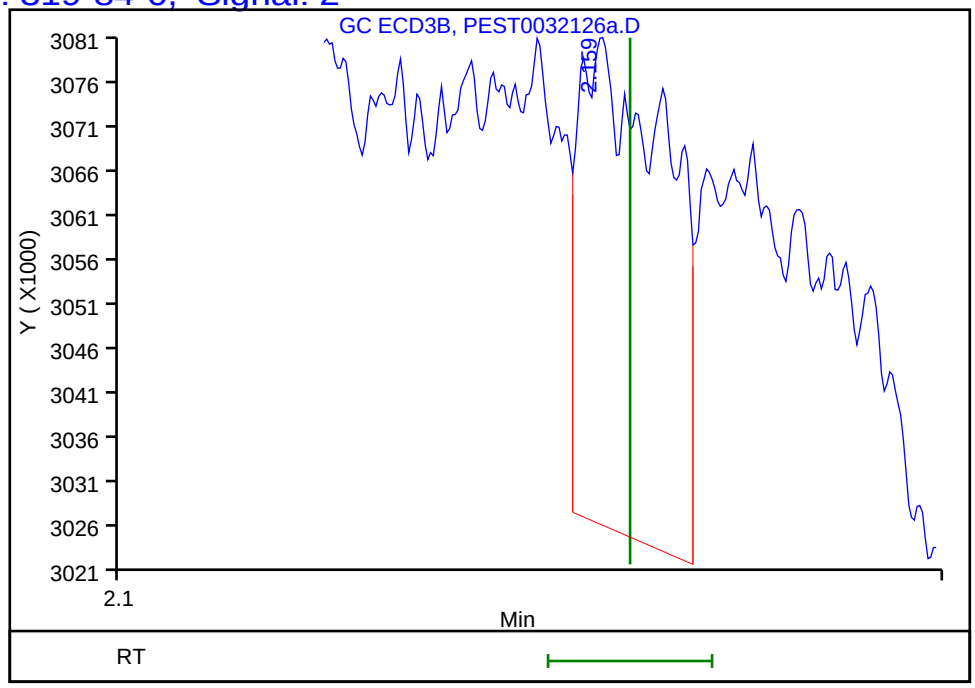
RT: 2.51
Response: 4612
Amount: 0.001976



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.16
Response: 41128
Amount: 0.012383



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

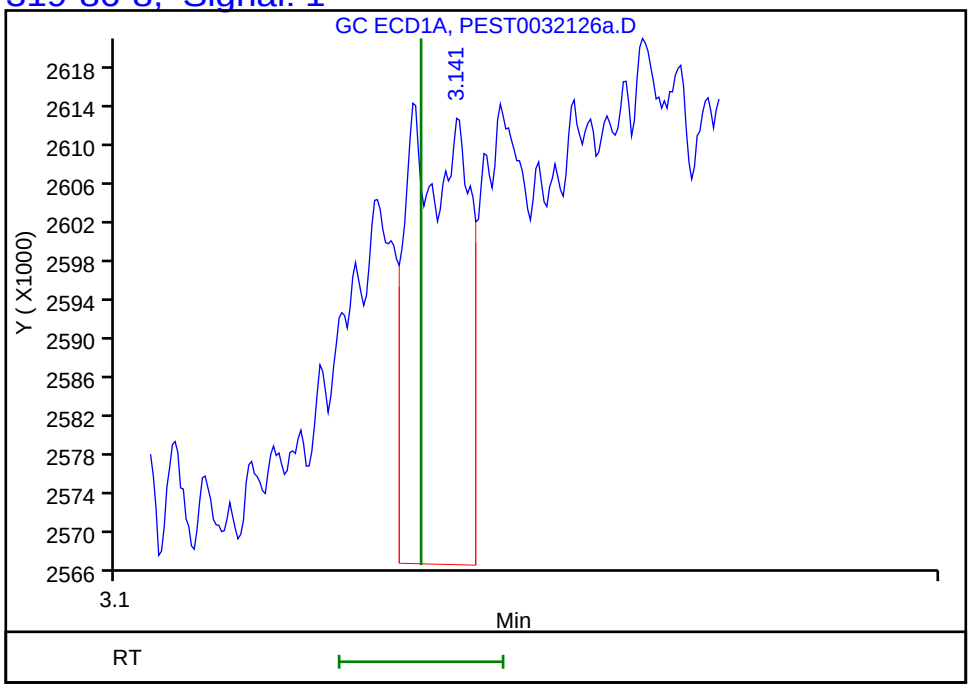
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

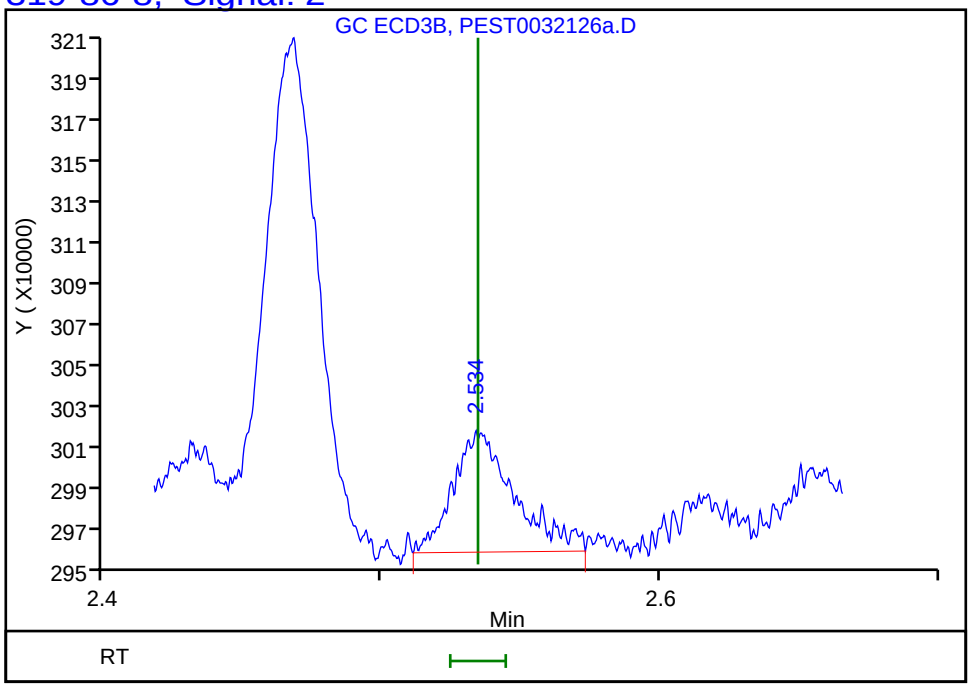
RT: 3.14
Response: 22109
Amount: 0.012213



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 87783
Amount: 0.034365



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

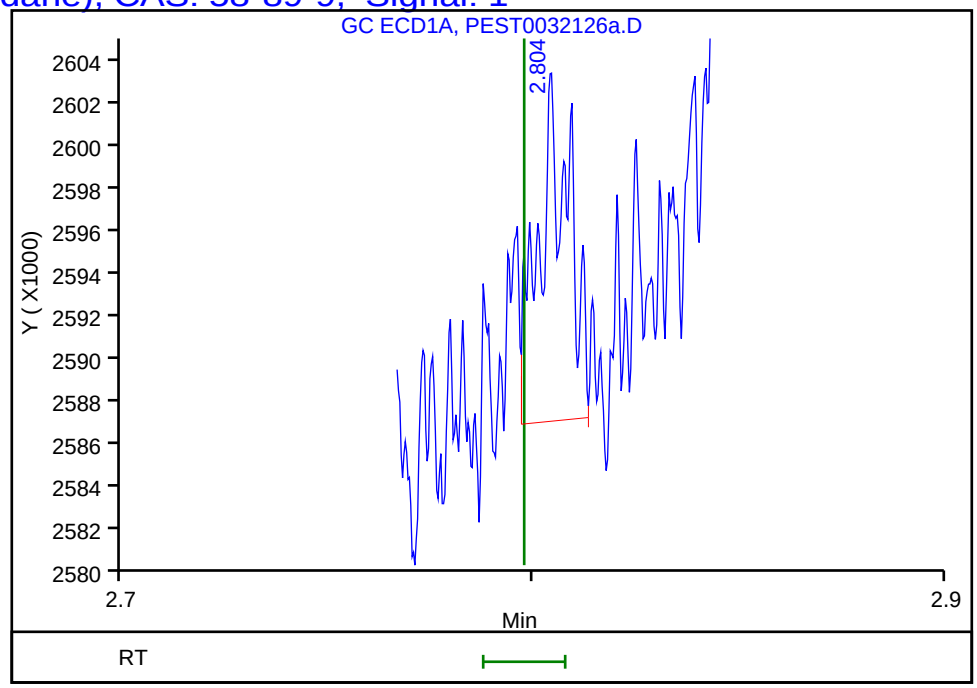
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

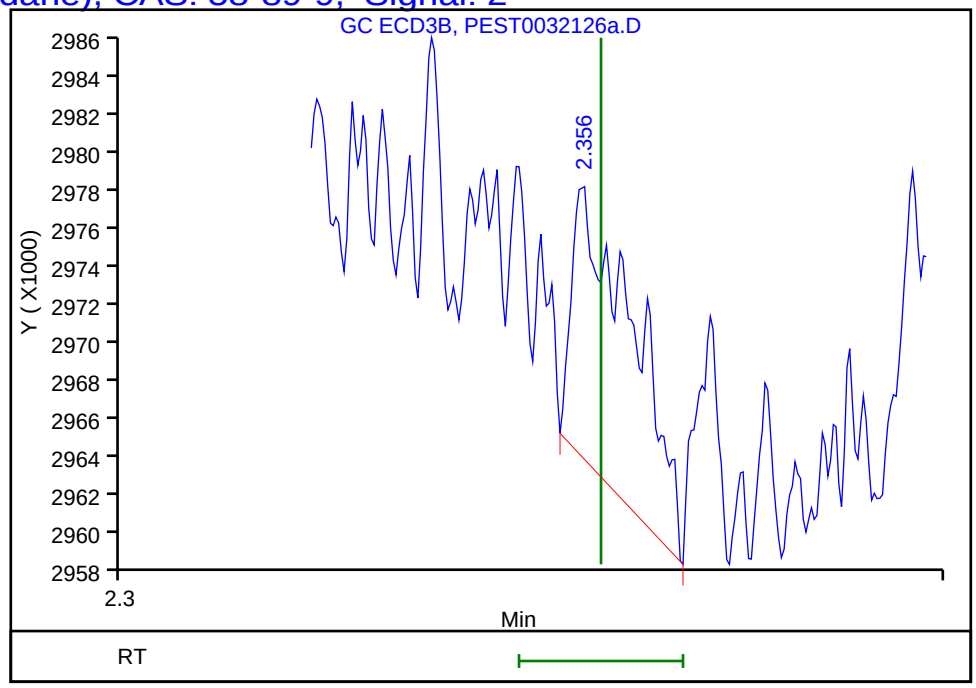
RT: 2.80
Response: 8062
Amount: 0.003800



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 7582
Amount: 0.002473



Reviewer: patelji, 01-Nov-2021 15:23:31
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User Disabled Compound Report

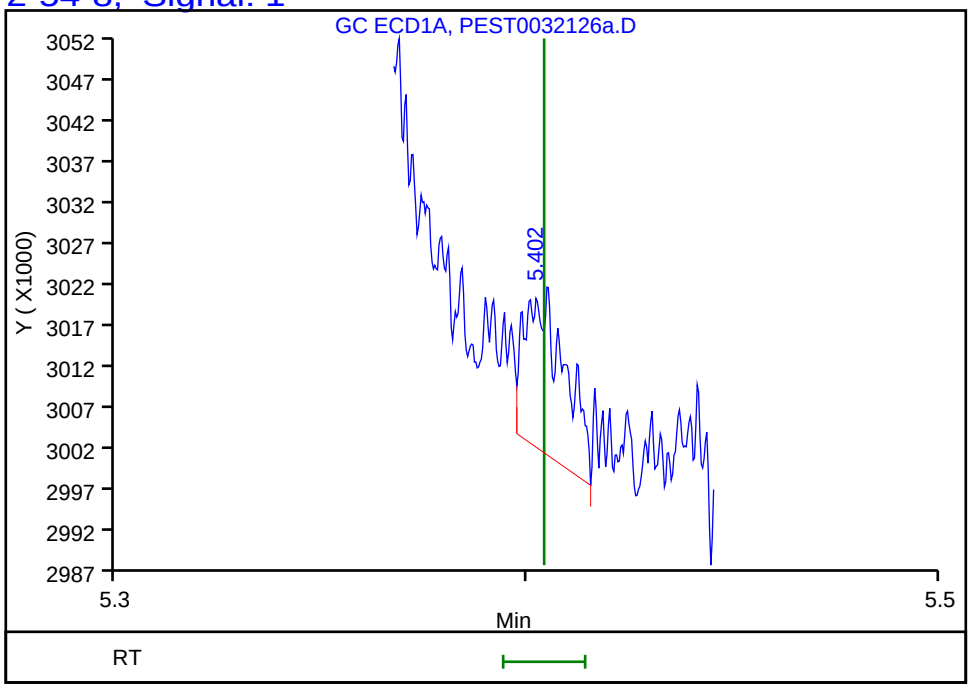
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

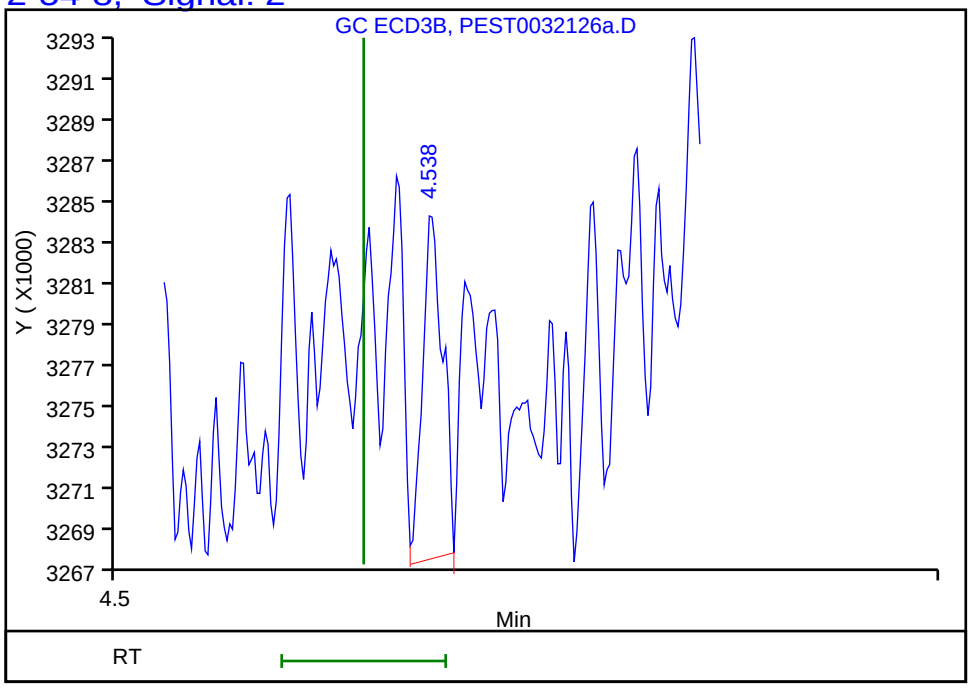
RT: 5.40
Response: 13547
Amount: 0.009105



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54
Response: 2787
Amount: 0.001223



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User Disabled Compound Report

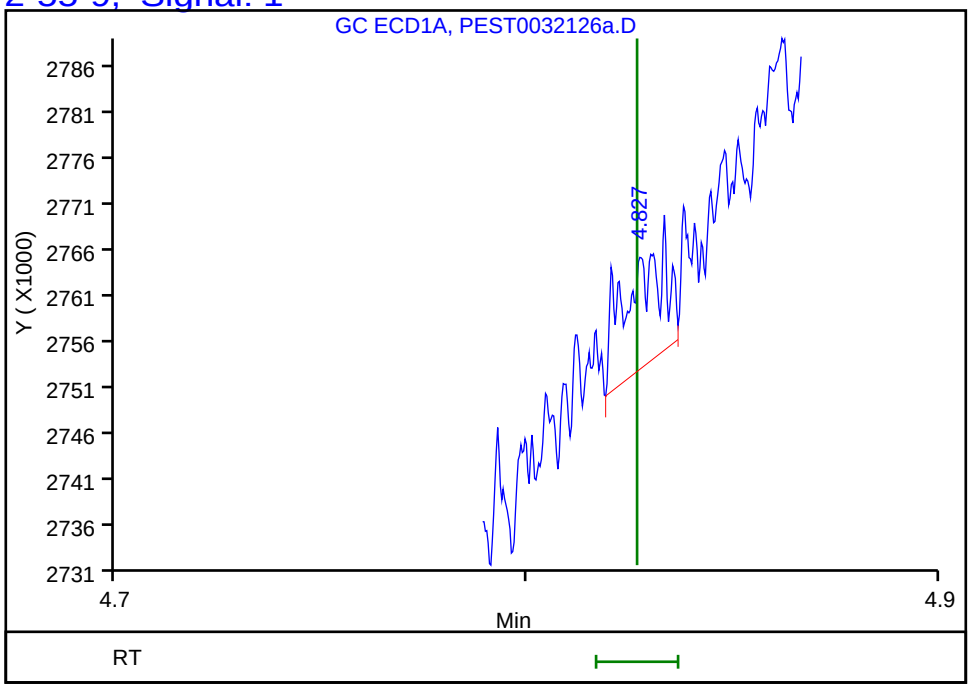
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

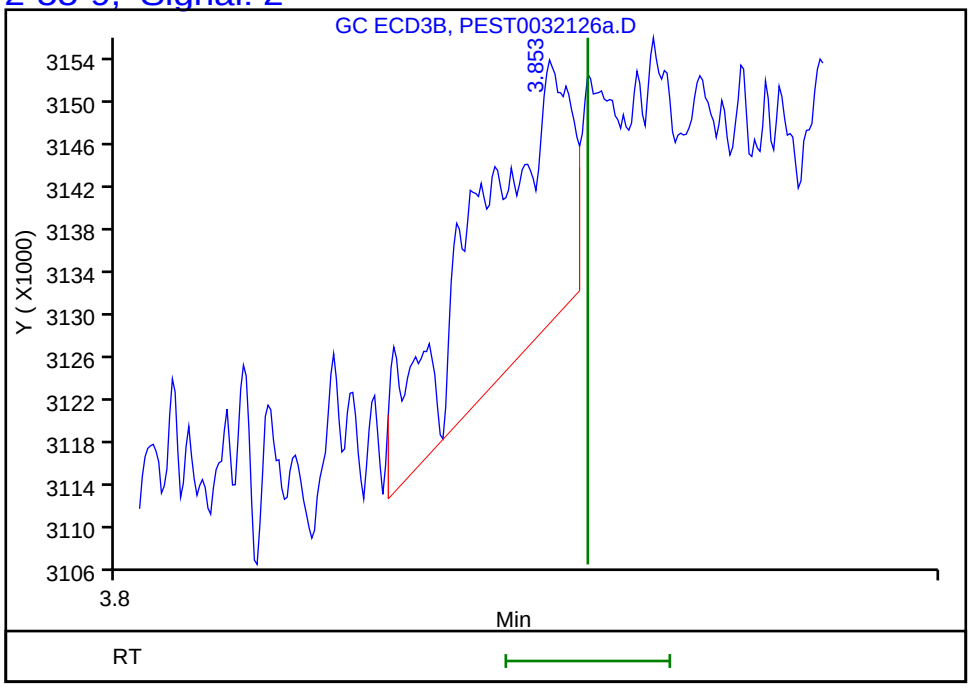
RT: 4.83
Response: 8694
Amount: 0.004846



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85
Response: 20695
Amount: 0.007333



Reviewer: patelji, 01-Nov-2021 15:23:31
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User Disabled Compound Report

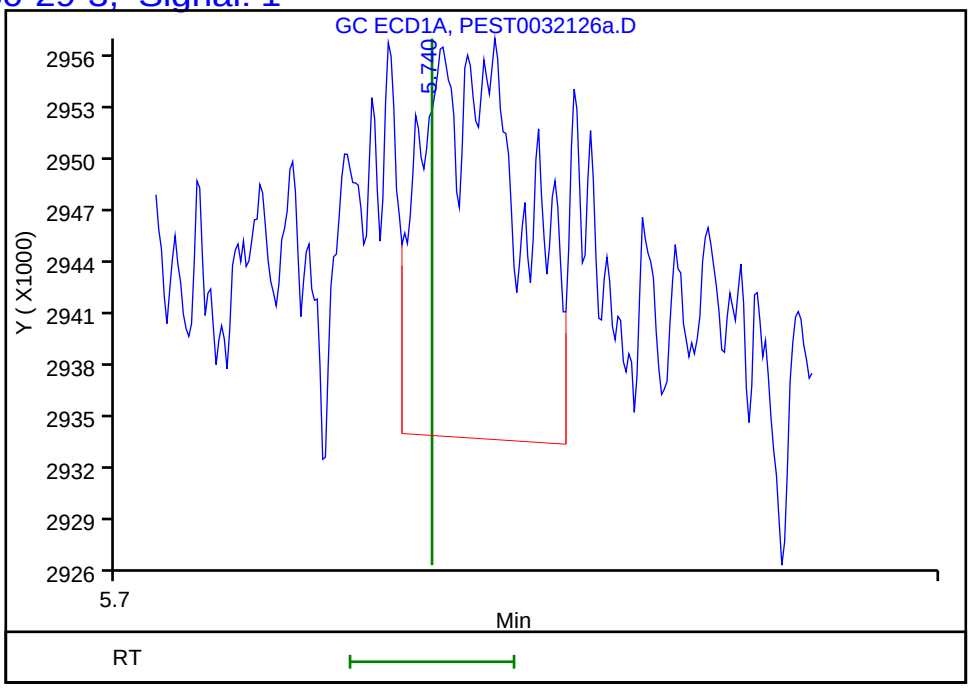
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

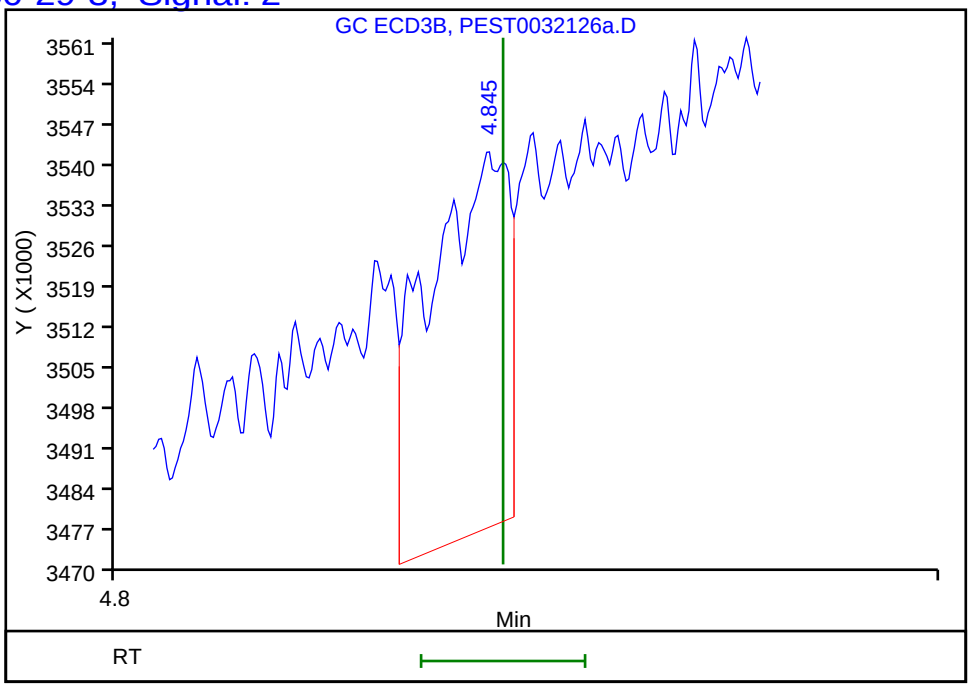
RT: 5.74
Response: 19177
Amount: 0.013557



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 44094
Amount: 0.018668



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

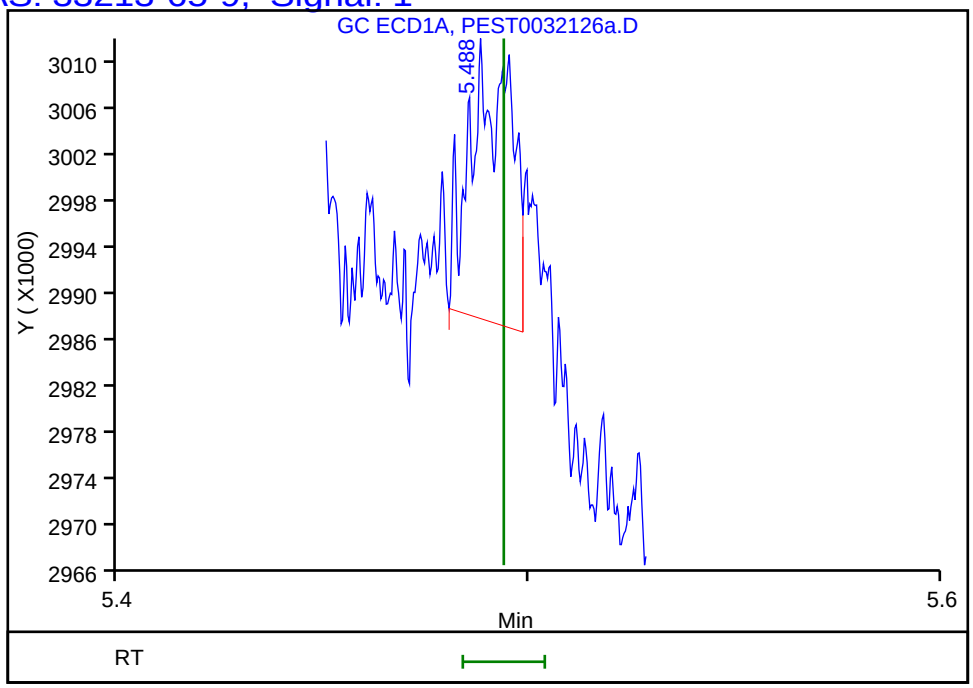
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

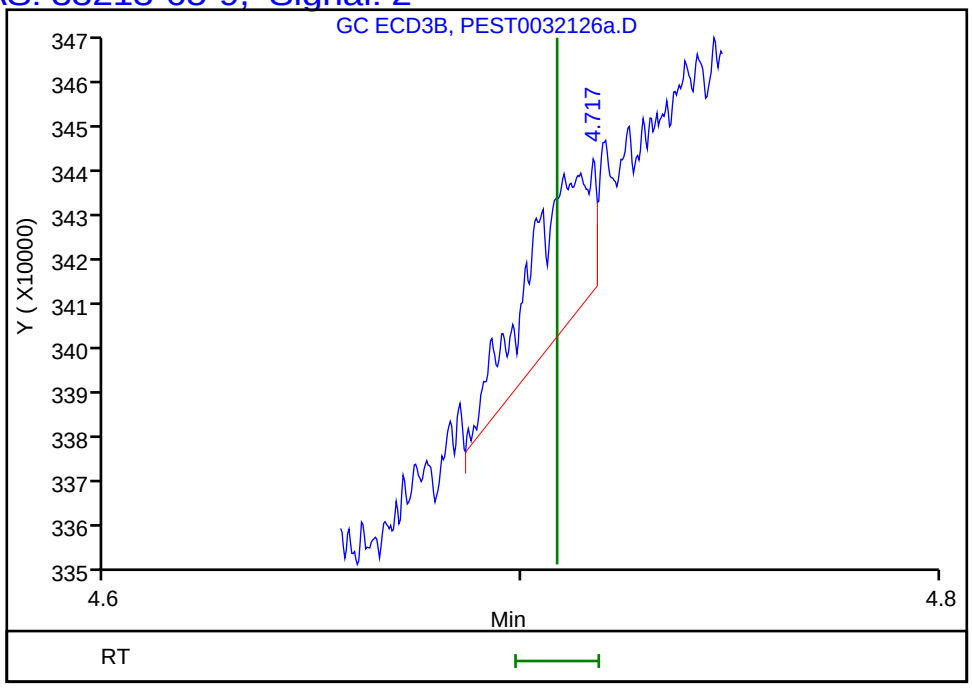
RT: 5.49
Response: 16519
Amount: 0.010712



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.72
Response: 36889
Amount: 0.015460



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

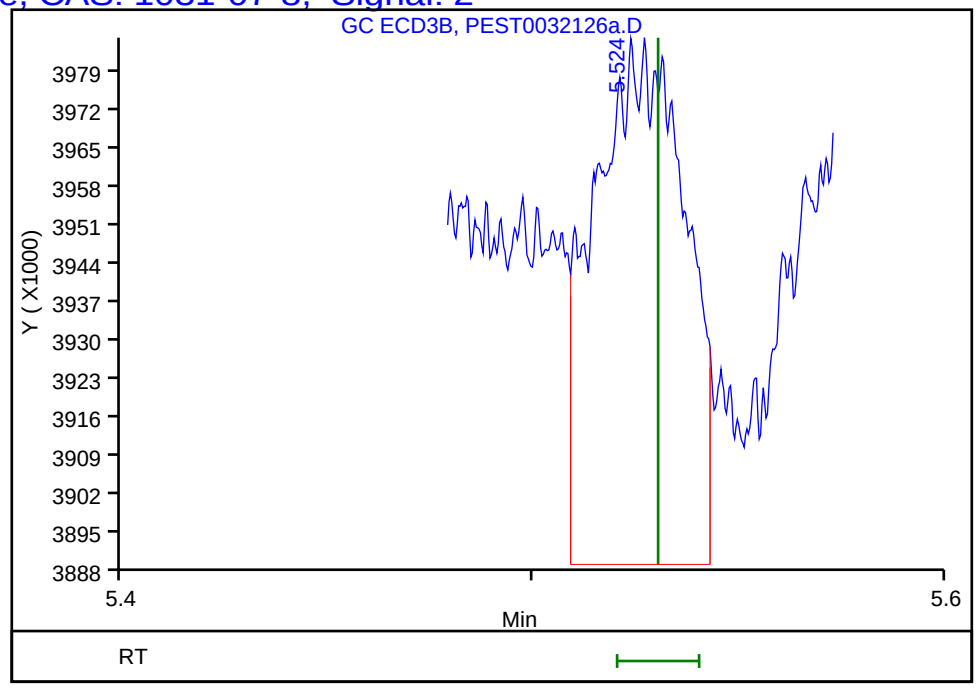
3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.23
Response: 35697
Amount: 0.026019

Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.52
Response: 147446
Amount: 0.062803



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

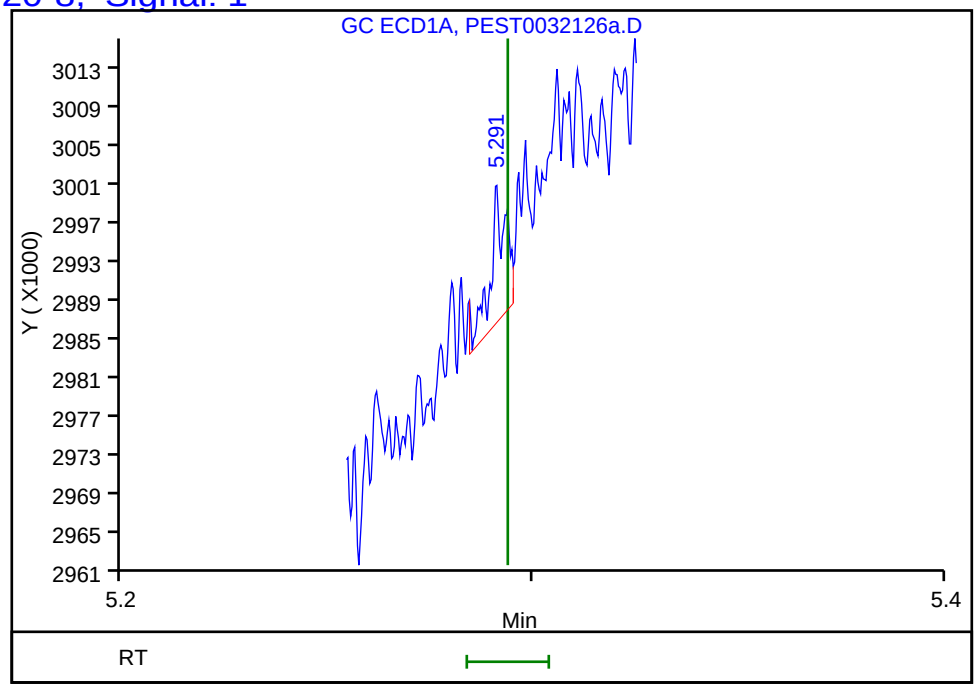
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

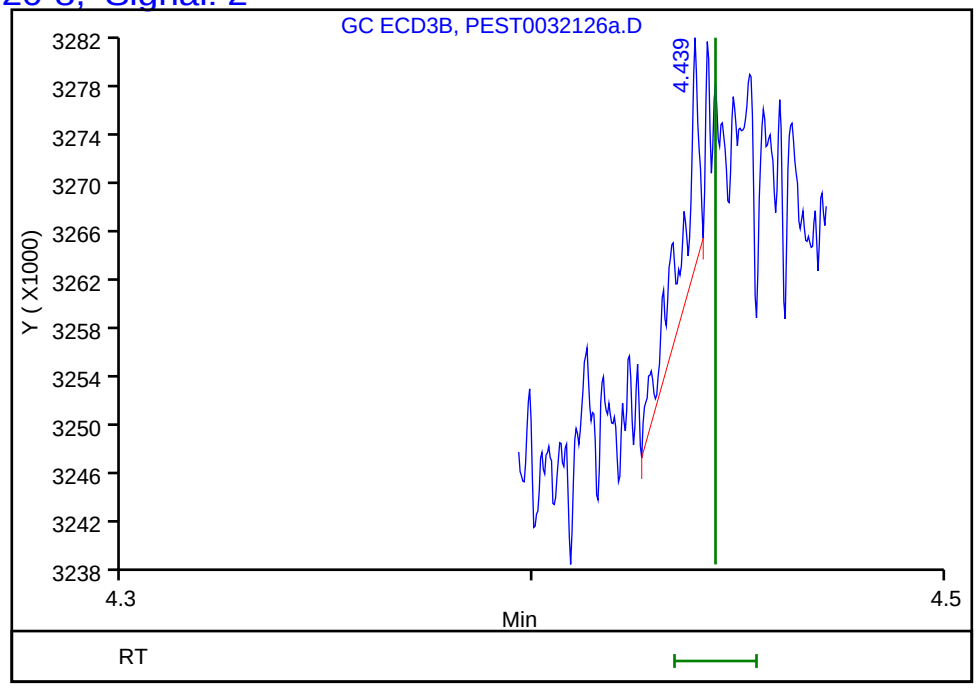
RT: 5.29
Response: 3686
Amount: 0.002144



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.44
Response: 5171
Amount: 0.002001



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

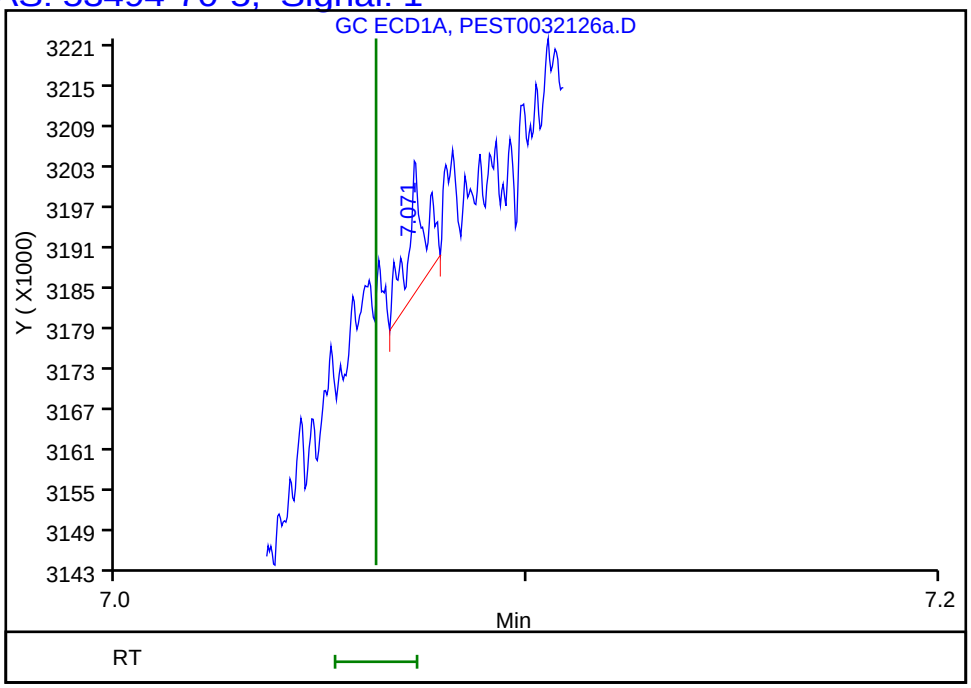
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

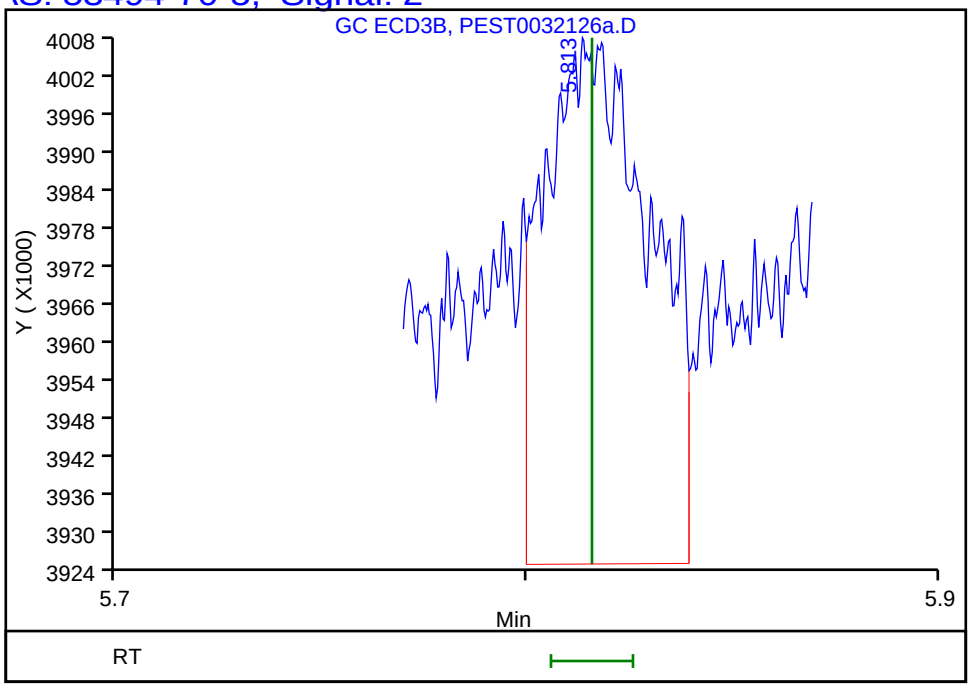
RT: 7.07
Response: 5659
Amount: 0.004123



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 148651
Amount: 0.064679



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

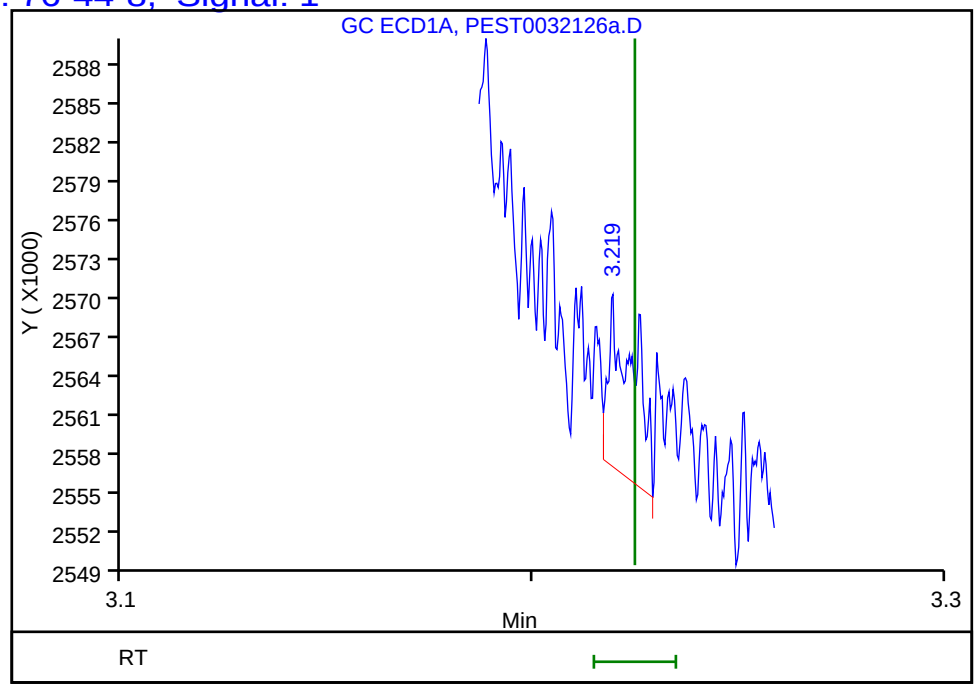
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

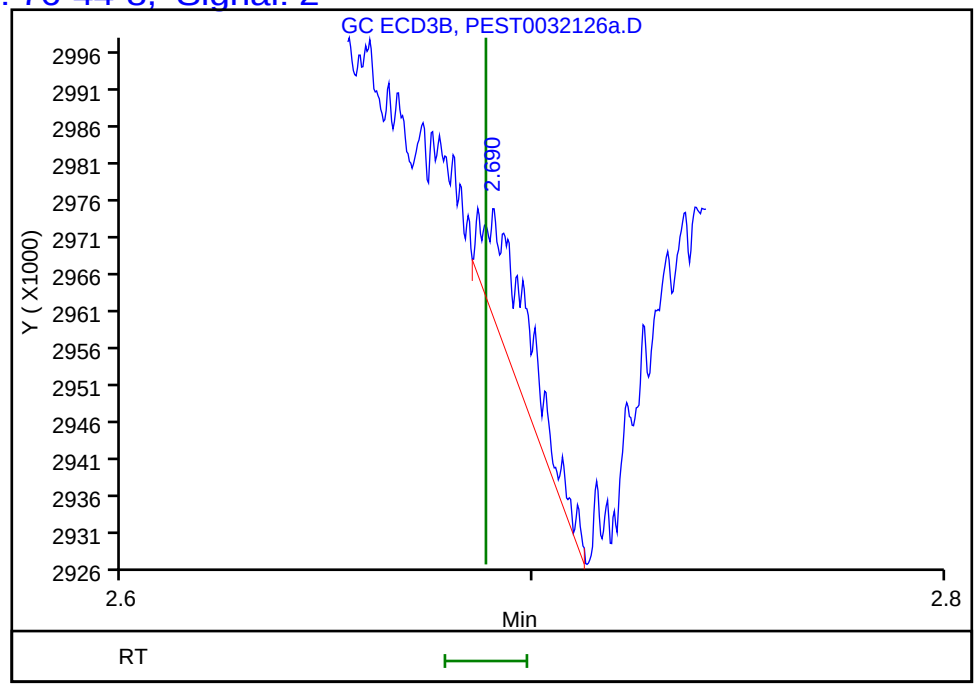
RT: 3.22
Response: 5667
Amount: 0.002853



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69
Response: 13559
Amount: 0.004625



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User Disabled Compound Report

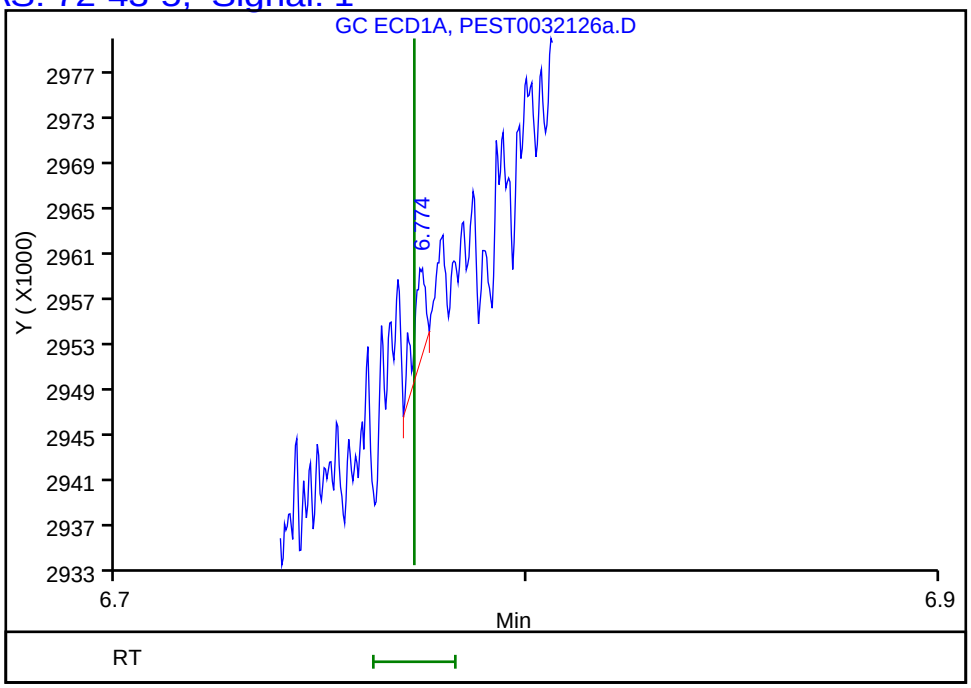
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

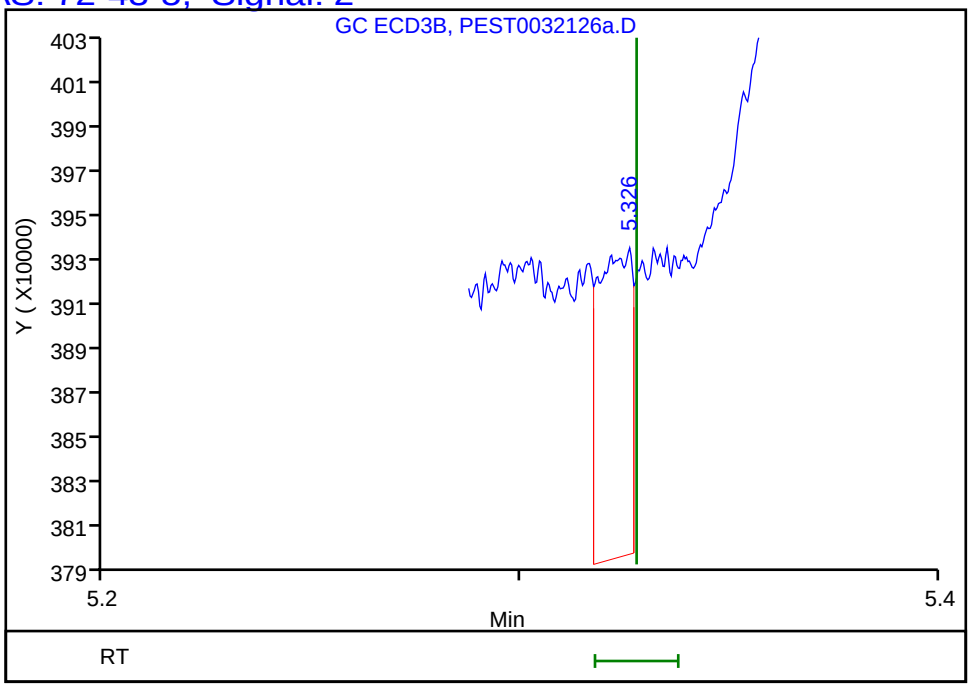
RT: 6.77
Response: 1664
Amount: 0.002050



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33
Response: 73488
Amount: 0.053725



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-810665/1

Matrix: Solid Lab File ID: PEST0032126a.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/01/2021 14:01

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*0.0030*	*U*	*0.020*	*0.0030*
319-84-6	*alpha-BHC*	*0.0070*	*U*	*0.020*	*0.0070*
319-85-7	*beta-BHC*	*0.015*	*U*	*0.020*	*0.015*
319-86-8	*delta-BHC*	*0.0050*	*U*	*0.020*	*0.0050*
58-89-9	*gamma-BHC (Lindane)*	*0.012*	*U*	*0.020*	*0.012*
12789-03-6	*Chlordane (technical)*	*0.055*	*U*	*0.50*	*0.055*
72-54-8	*4,4'-DDD*	*0.0060*	*U*	*0.020*	*0.0060*
72-55-9	*4,4'-DDE*	*0.0020*	*U*	*0.020*	*0.0020*
50-29-3	*4,4'-DDT*	*0.0040*	*U*	*0.020*	*0.0040*
60-57-1	*Dieldrin*	*0.0030*	*U*	*0.020*	*0.0030*
959-98-8	*Endosulfan I*	*0.0020*	*U*	*0.020*	*0.0020*
33213-65-9	*Endosulfan II*	*0.0040*	*U*	*0.020*	*0.0040*
1031-07-8	*Endosulfan sulfate*	*0.0060*	*U*	*0.020*	*0.0060*
72-20-8	*Endrin*	*0.0040*	*U*	*0.020*	*0.0040*
7421-93-4	*Endrin aldehyde*	*0.0080*	*U*	*0.020*	*0.0080*
53494-70-5	*Endrin ketone*	*0.0080*	*U*	*0.020*	*0.0080*
76-44-8	*Heptachlor*	*0.0030*	*U*	*0.020*	*0.0030*
1024-57-3	*Heptachlor epoxide*	*0.0050*	*U*	*0.020*	*0.0050*
72-43-5	*Methoxychlor*	*0.0040*	*U*	*0.020*	*0.0040*
8001-35-2	*Toxaphene*	*0.11*	*U*	*0.50*	*0.11*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		10-133
2051-24-3	DCB Decachlorobiphenyl	93		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 01-Nov-2021 14:01:31 ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136897-053
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: patelji Date: 01-Nov-2021 15:23:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.584	1.584	0.000	141931257	100.0	100.0	
2	1.498	1.497	0.001	191756416	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.094	2.094	0.000	34380578	20.0	19.7	
2	1.853	1.853	0.000	50768173	20.0	20.4	
						RPD = 3.25	
$ 24 DCB Decachlorobiphenyl							
1	8.320	8.322	-0.002	29545541	20.0	22.9	
2	7.353	7.353	0.000	49004439	20.0	18.5	
						RPD = 21.06	

Reagents:

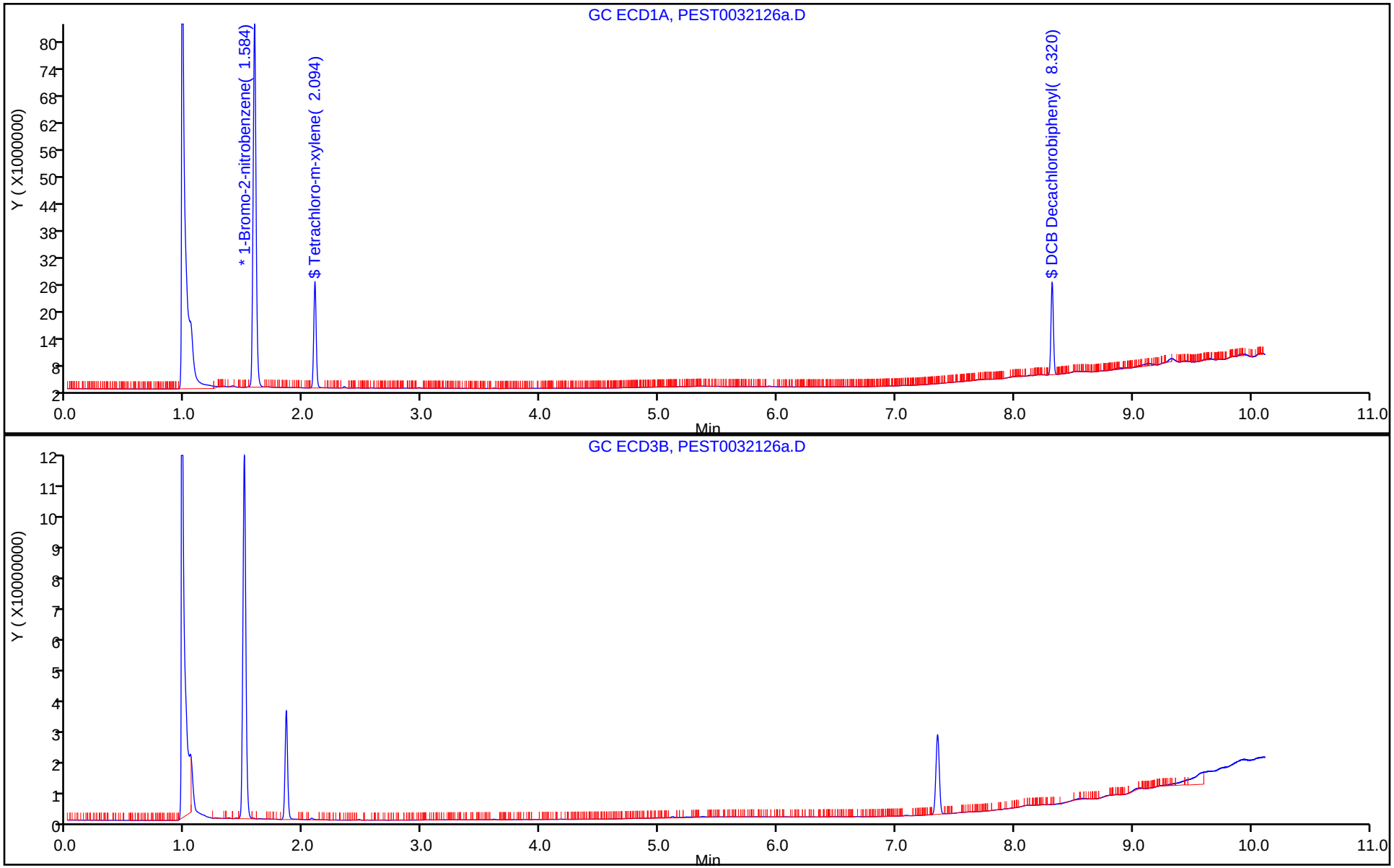
SGPIBLK_00032 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 05:33:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D

Injection Date:	01-Nov-2021 14:01:31	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	53
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		



User Disabled Compound Report

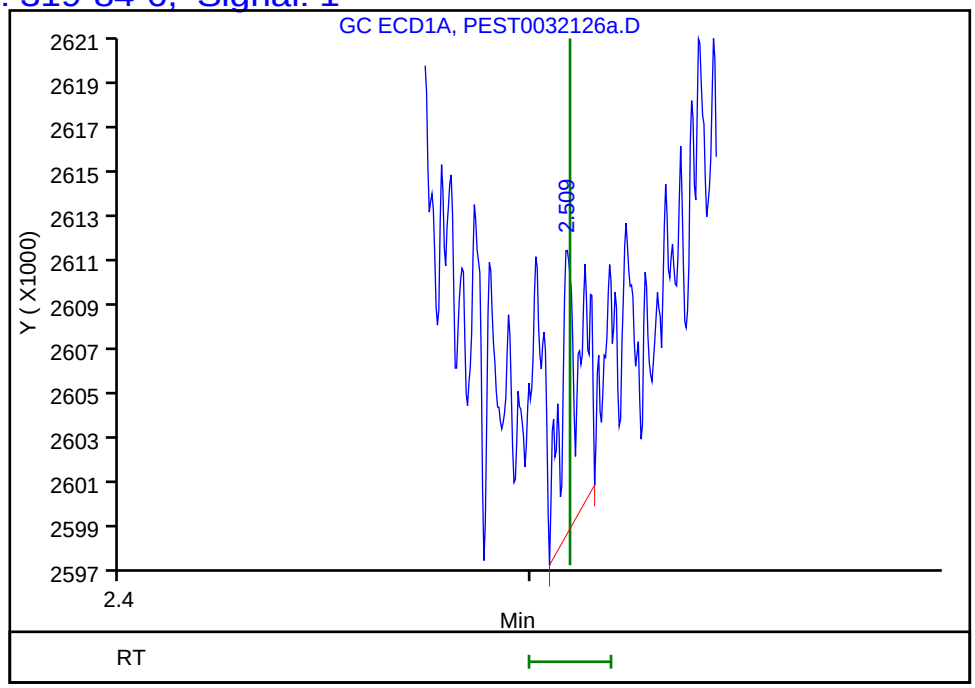
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

15 alpha-BHC, CAS: 319-84-6, Signal: 1

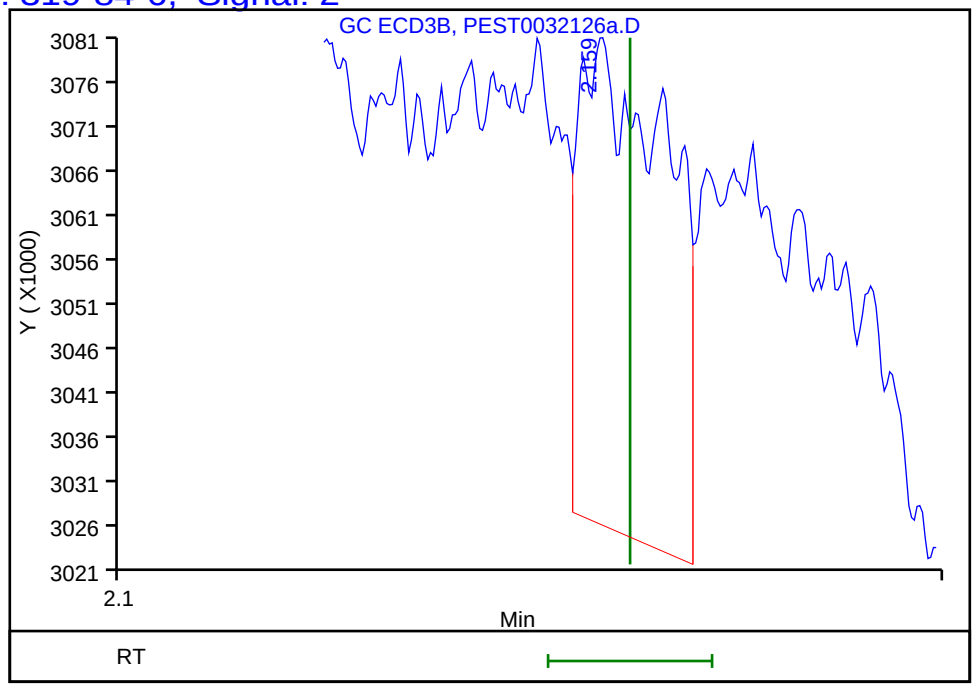
RT: 2.51
Response: 4612
Amount: 0.001976



Column: Detector GC ECD2B

15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.16
Response: 41128
Amount: 0.012383



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

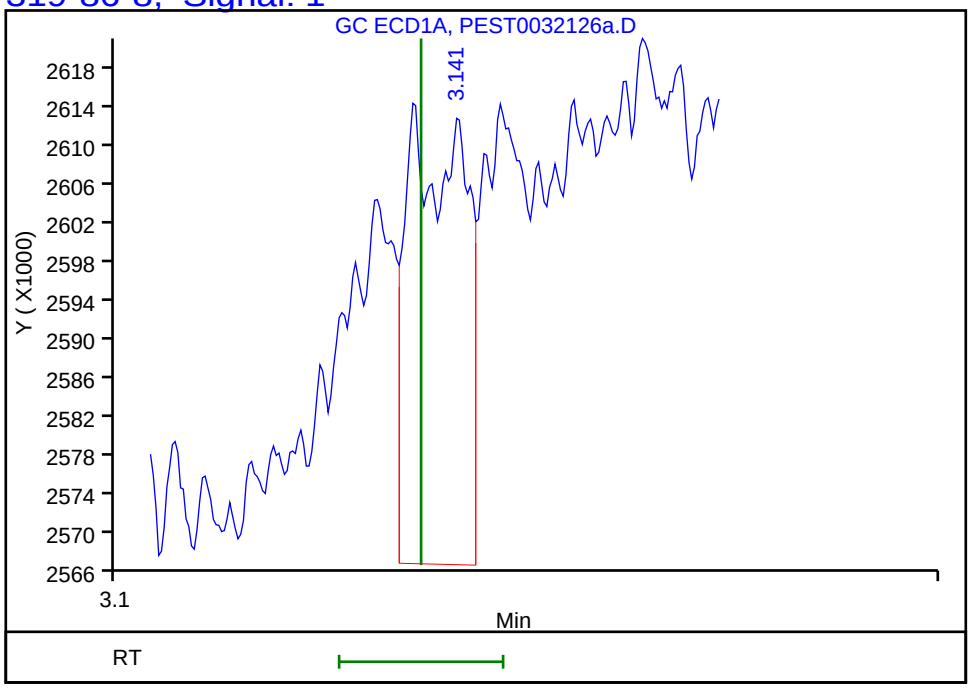
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

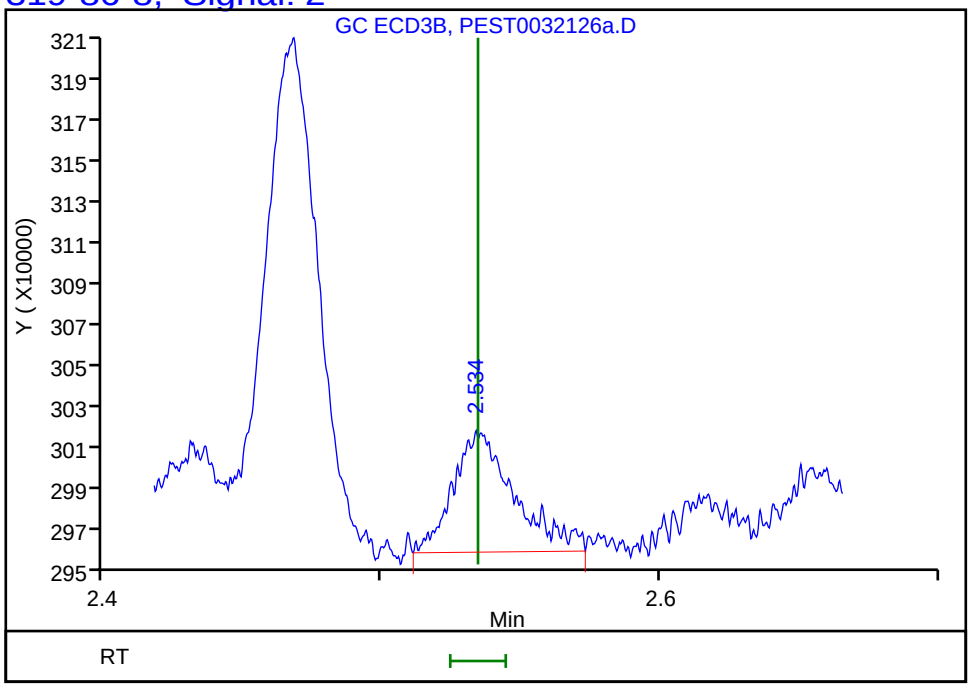
RT: 3.14
Response: 22109
Amount: 0.012213



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 87783
Amount: 0.034365



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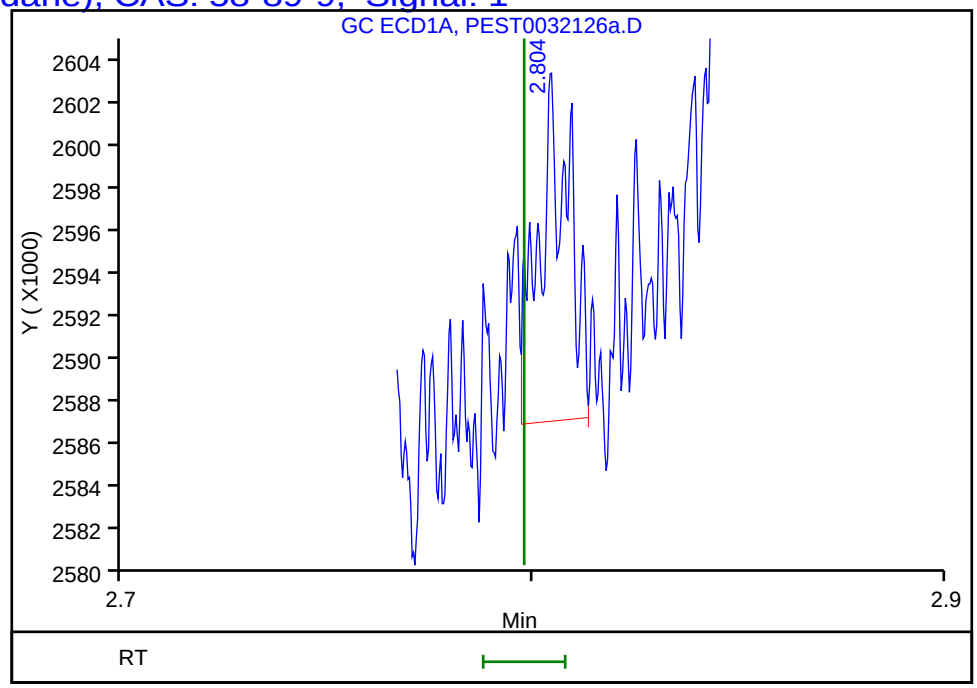
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

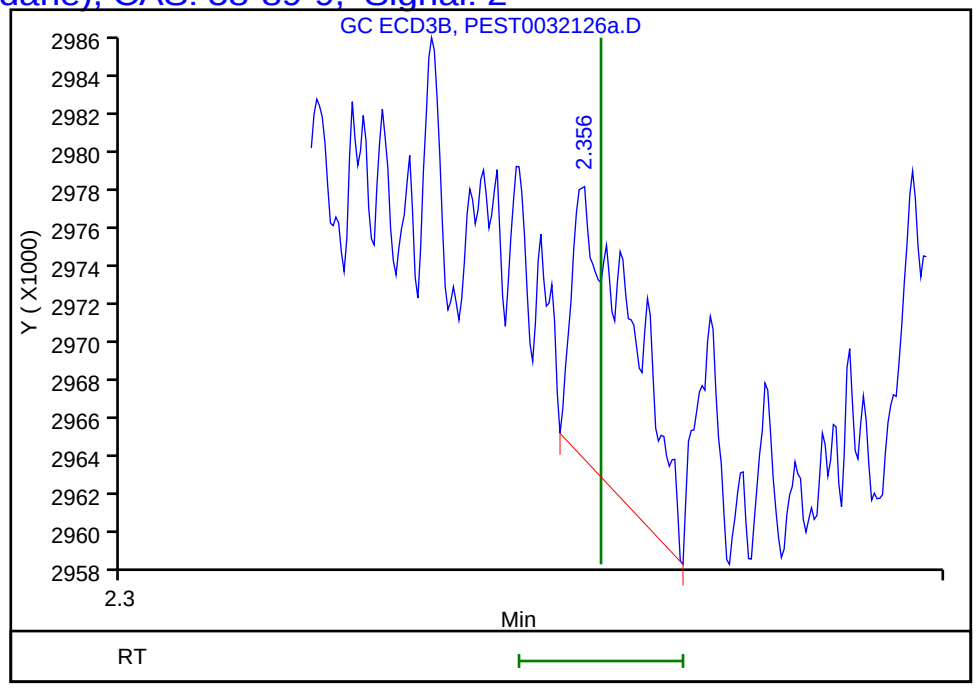
RT: 2.80
Response: 8062
Amount: 0.003800



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 7582
Amount: 0.002473



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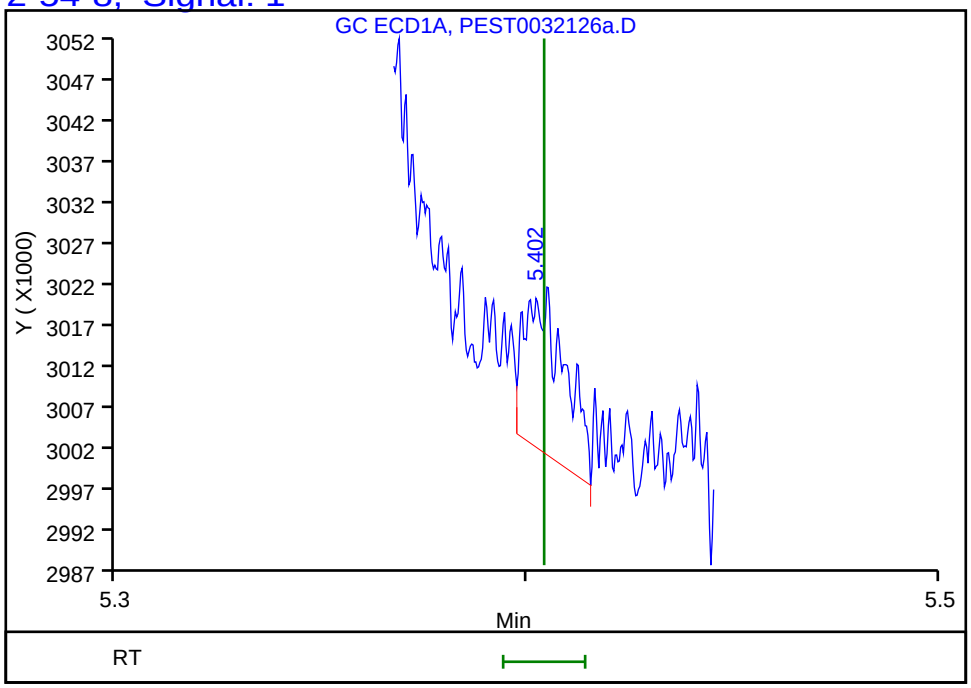
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

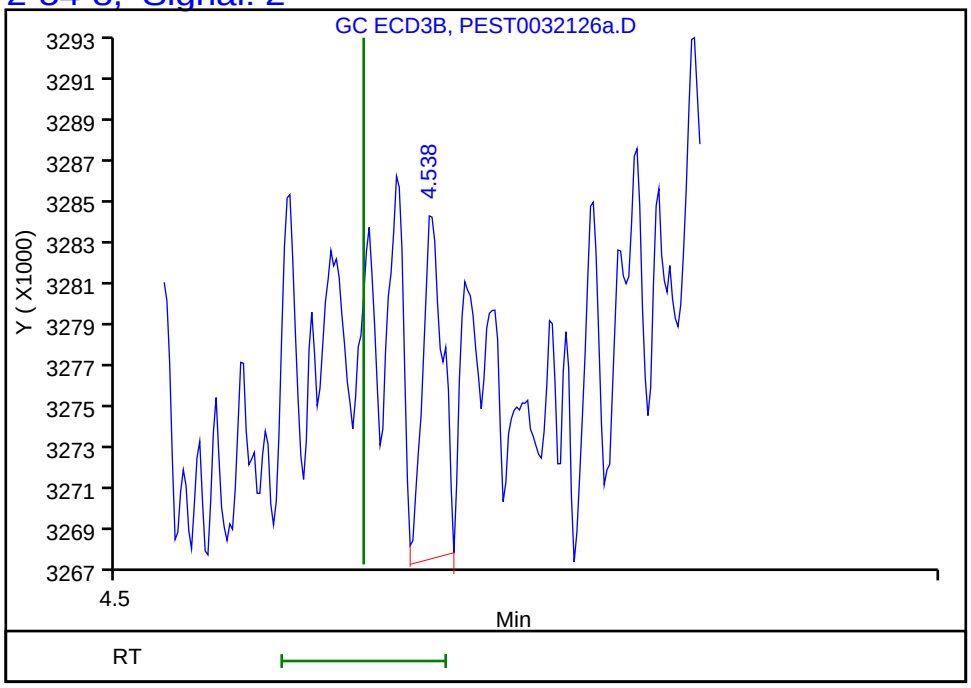
RT: 5.40
Response: 13547
Amount: 0.009105



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.54
Response: 2787
Amount: 0.001223



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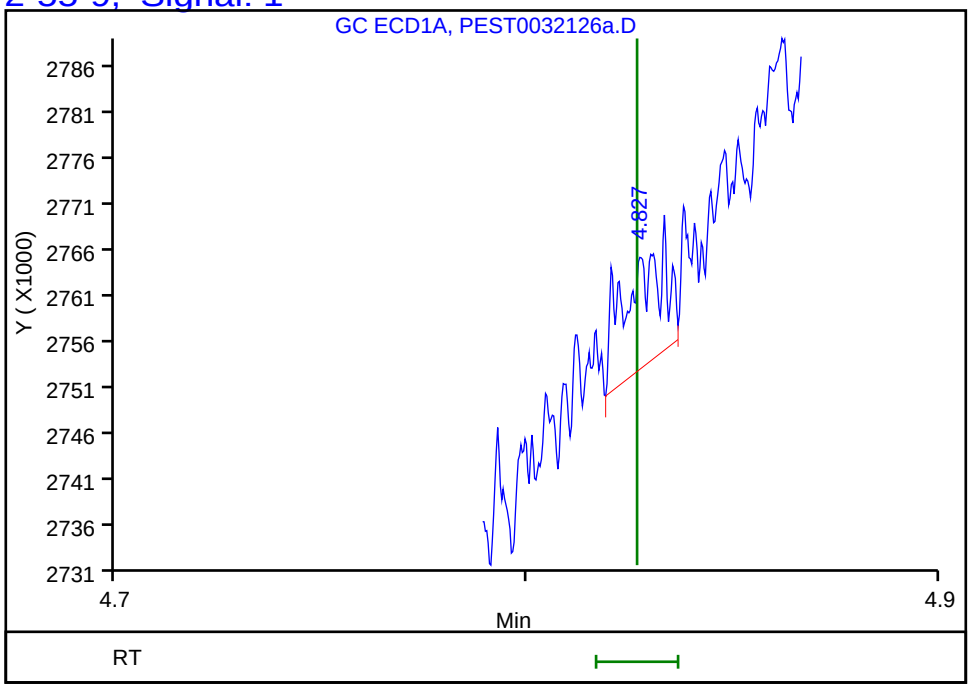
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

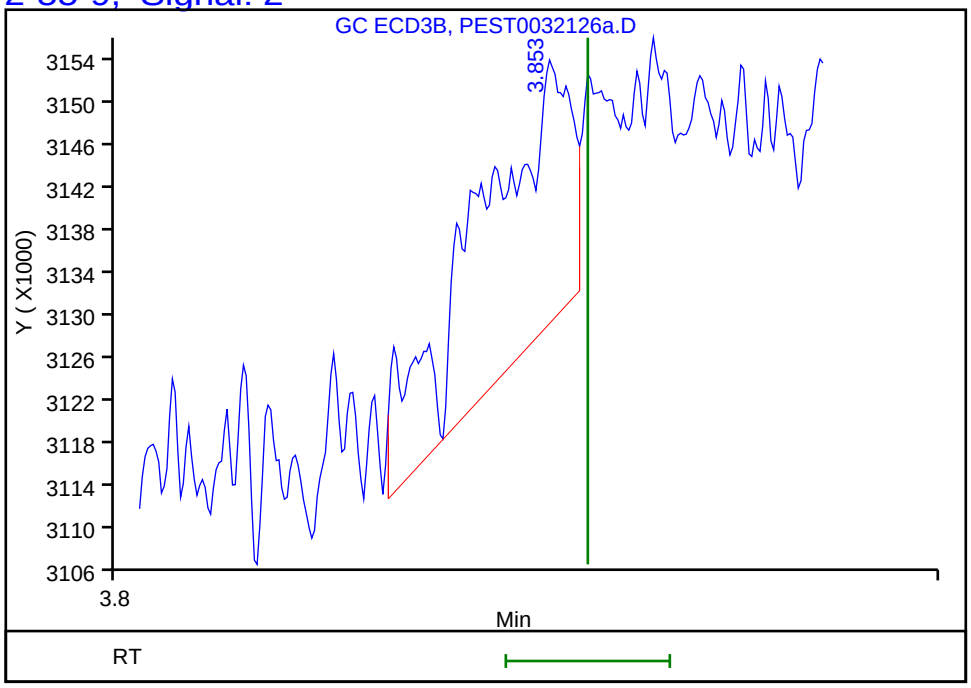
RT: 4.83
Response: 8694
Amount: 0.004846



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.85
Response: 20695
Amount: 0.007333



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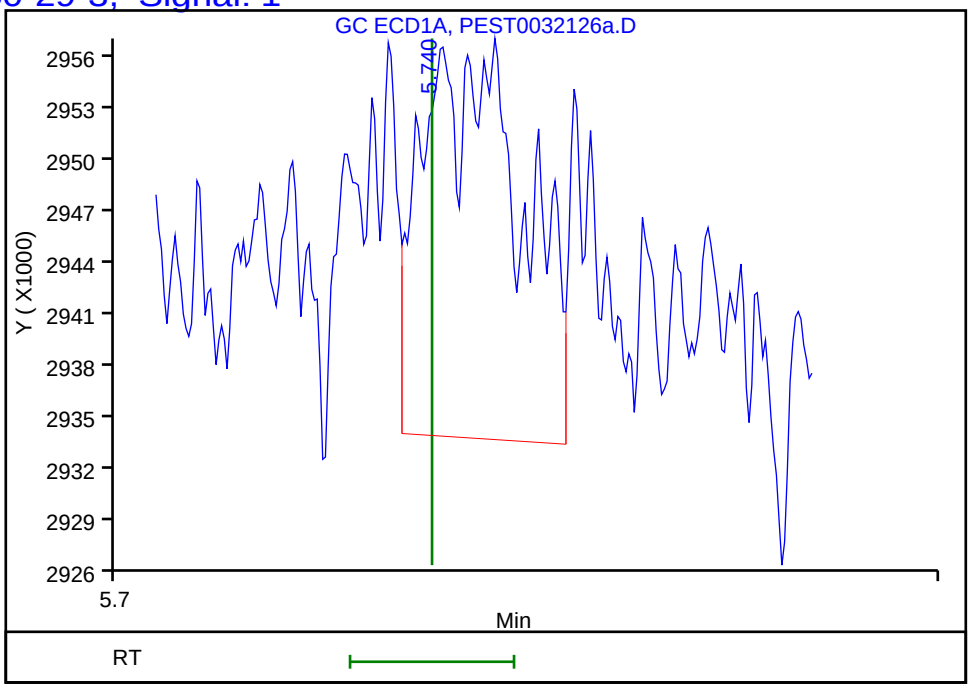
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

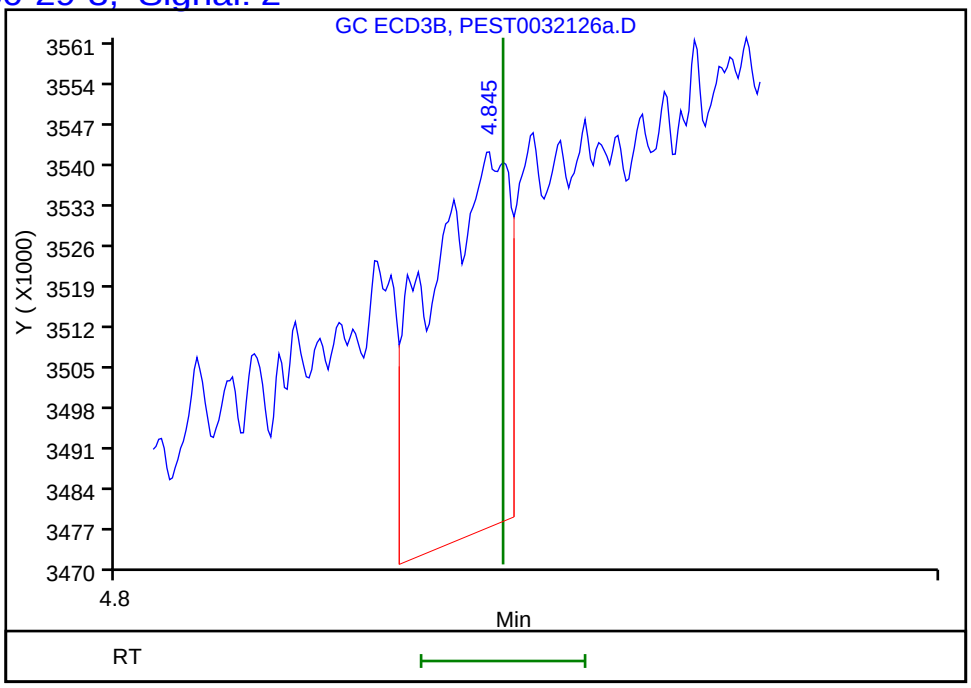
RT: 5.74
Response: 19177
Amount: 0.013557



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 44094
Amount: 0.018668



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

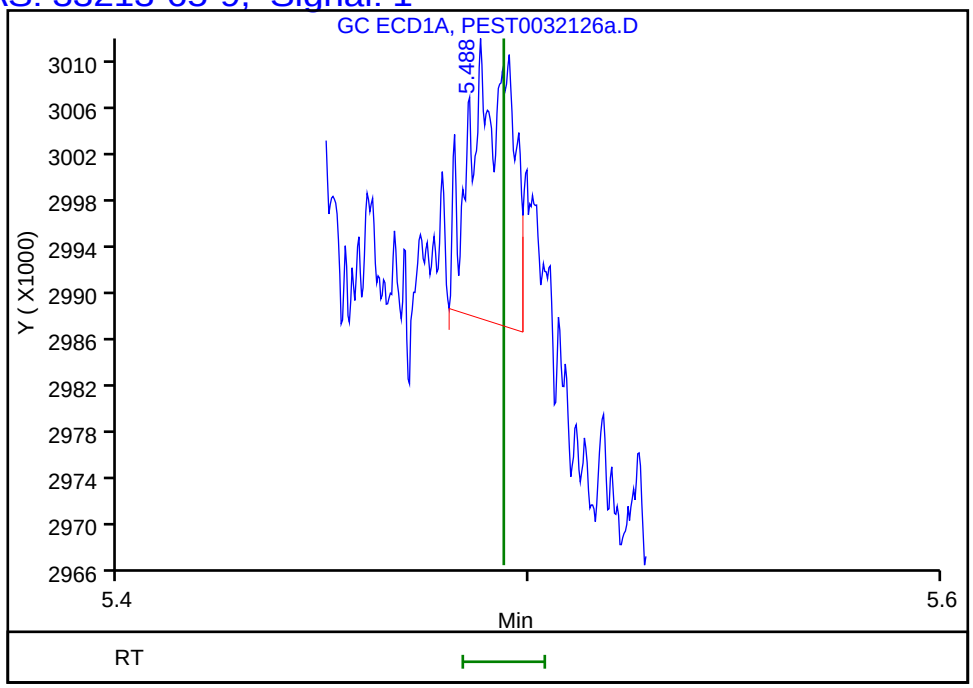
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

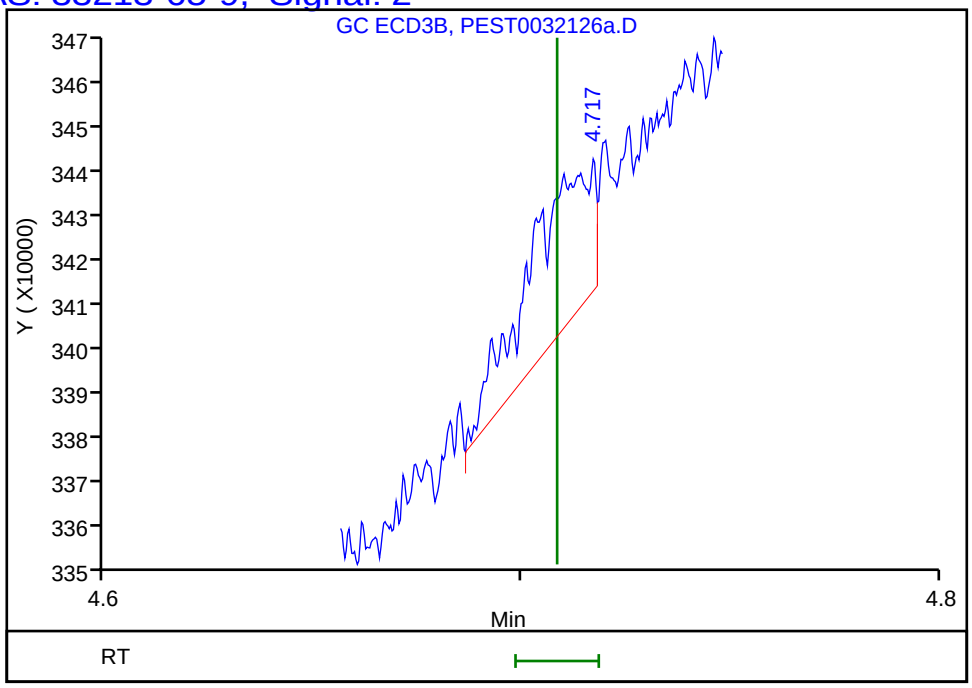
RT: 5.49
Response: 16519
Amount: 0.010712



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.72
Response: 36889
Amount: 0.015460



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

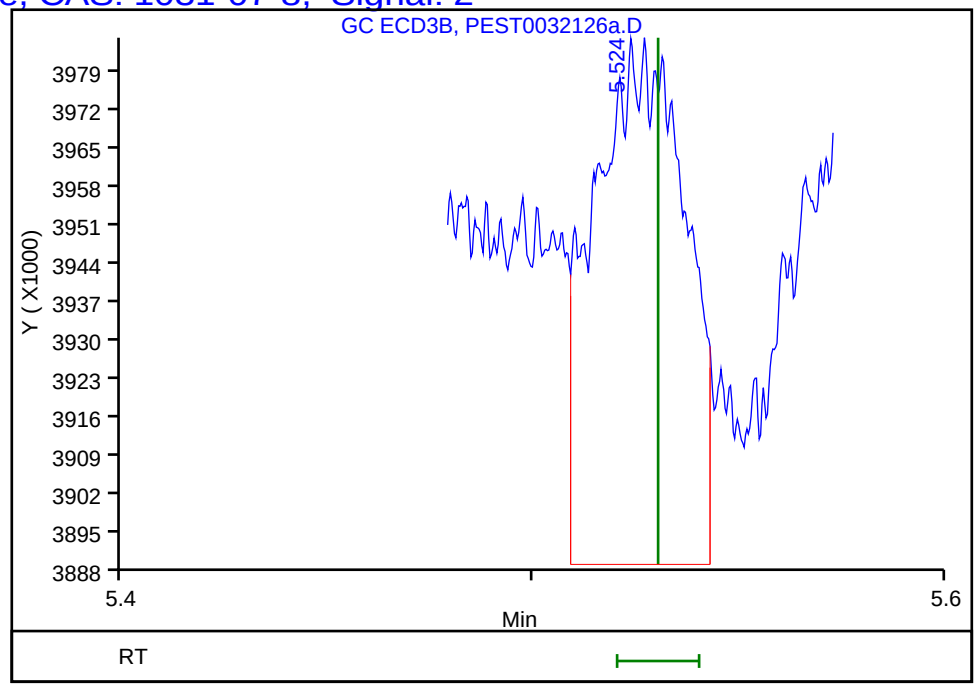
3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.23
Response: 35697
Amount: 0.026019

Column: Detector GC ECD2B

3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.52
Response: 147446
Amount: 0.062803



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

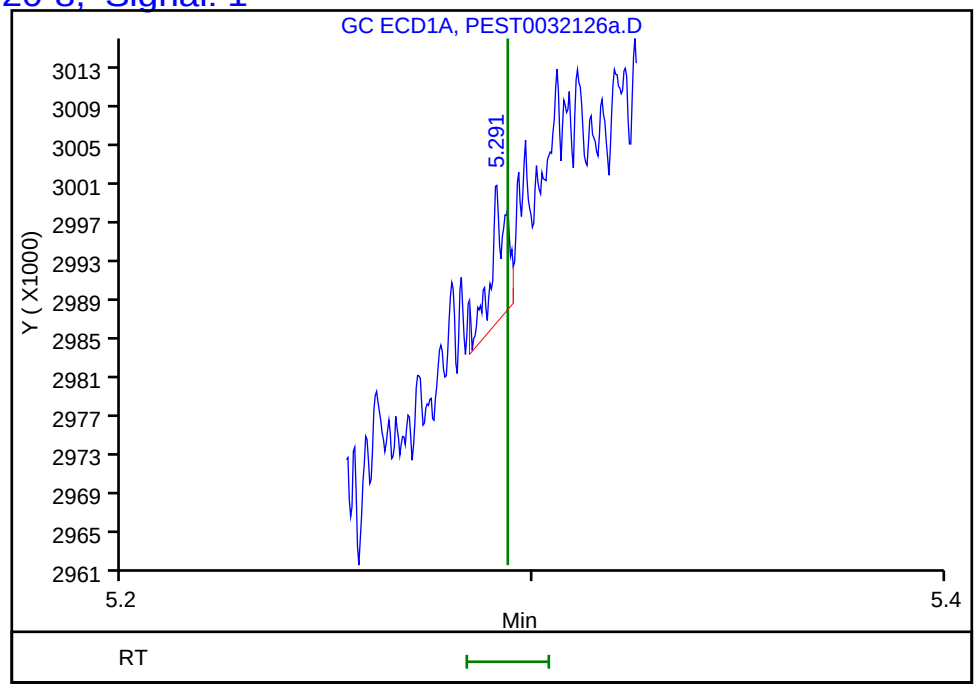
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

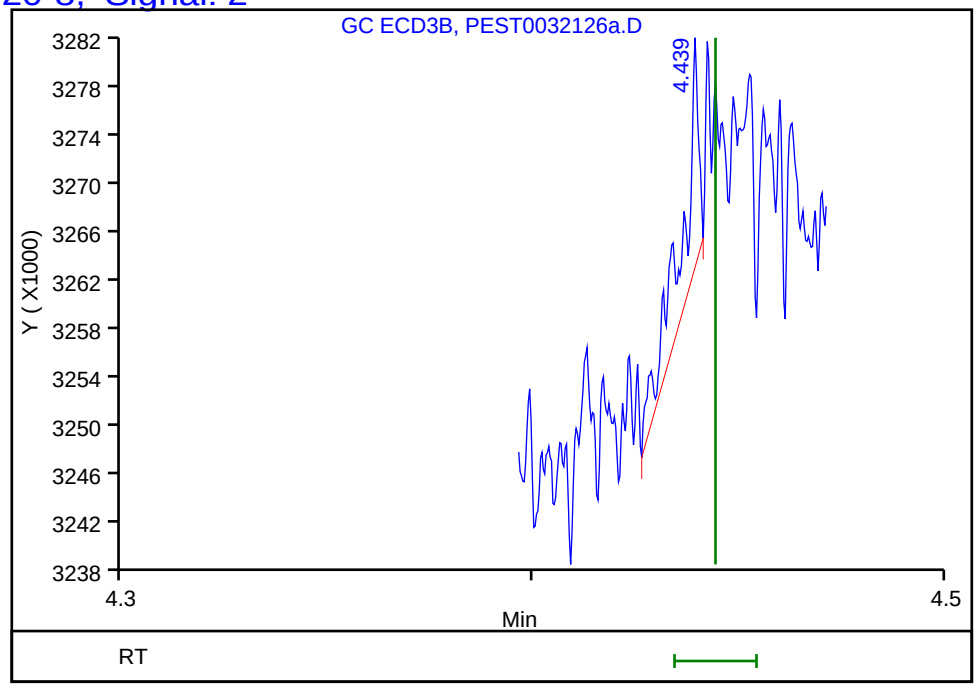
RT: 5.29
Response: 3686
Amount: 0.002144



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.44
Response: 5171
Amount: 0.002001



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

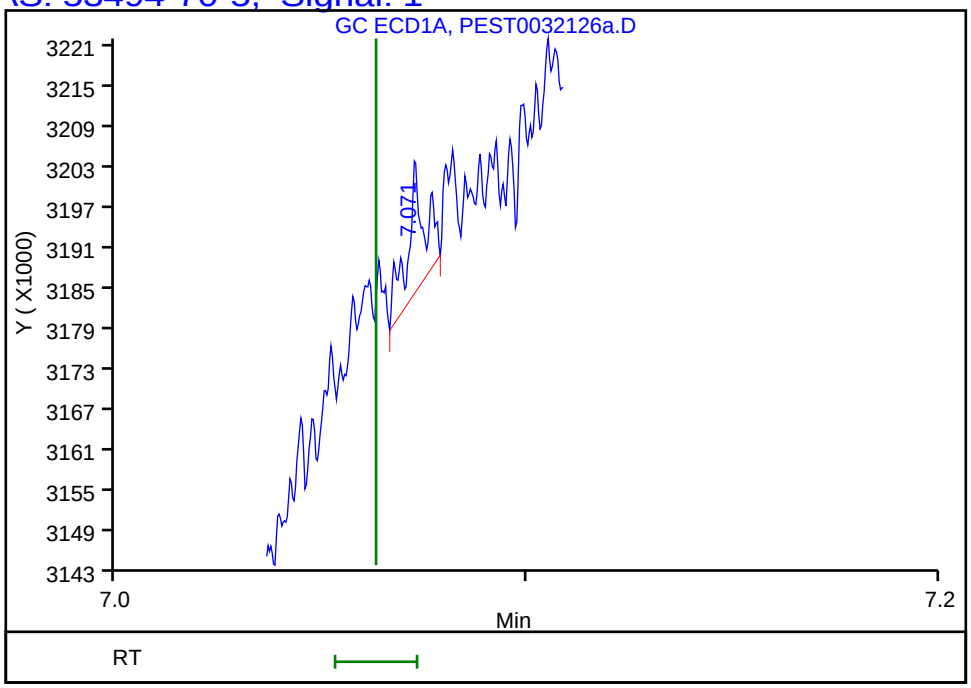
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

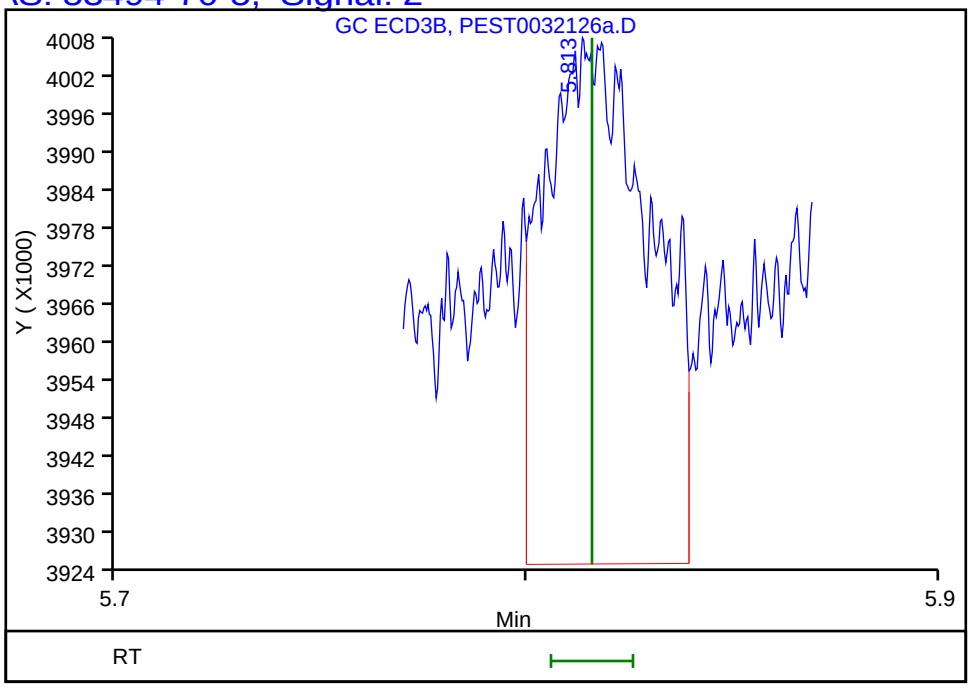
RT: 7.07
Response: 5659
Amount: 0.004123



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 148651
Amount: 0.064679



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

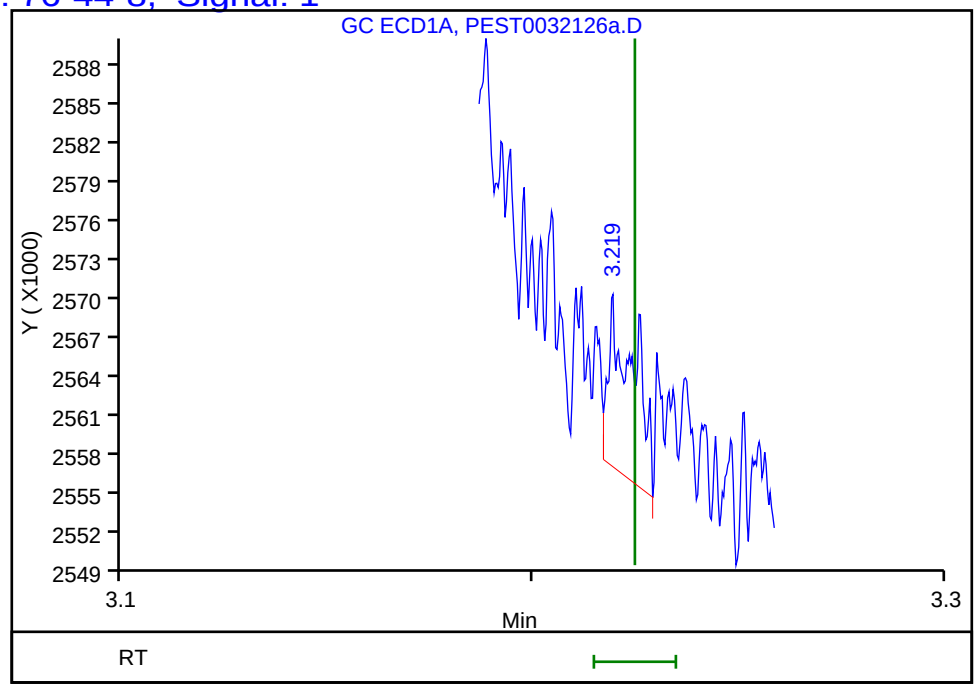
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

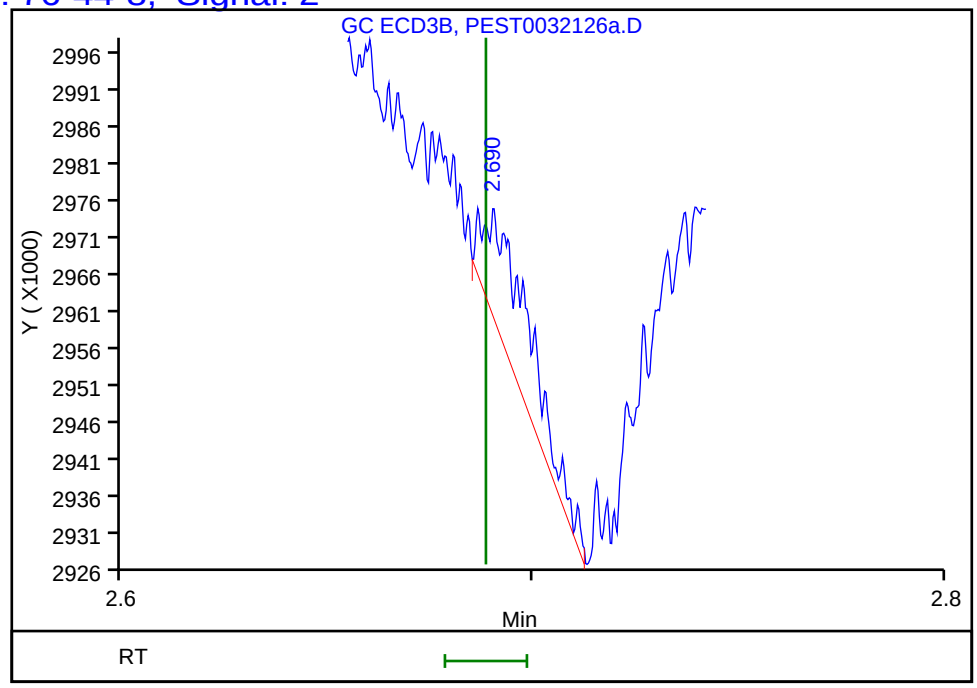
RT: 3.22
Response: 5667
Amount: 0.002853



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69
Response: 13559
Amount: 0.004625



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

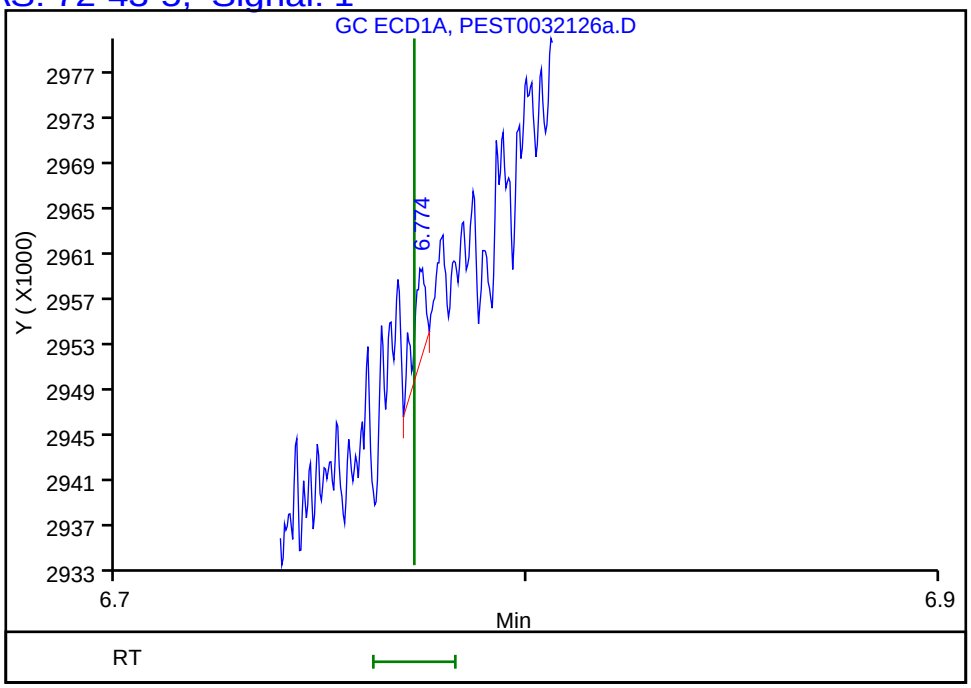
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032126a.D
Injection Date: 01-Nov-2021 14:01:31 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

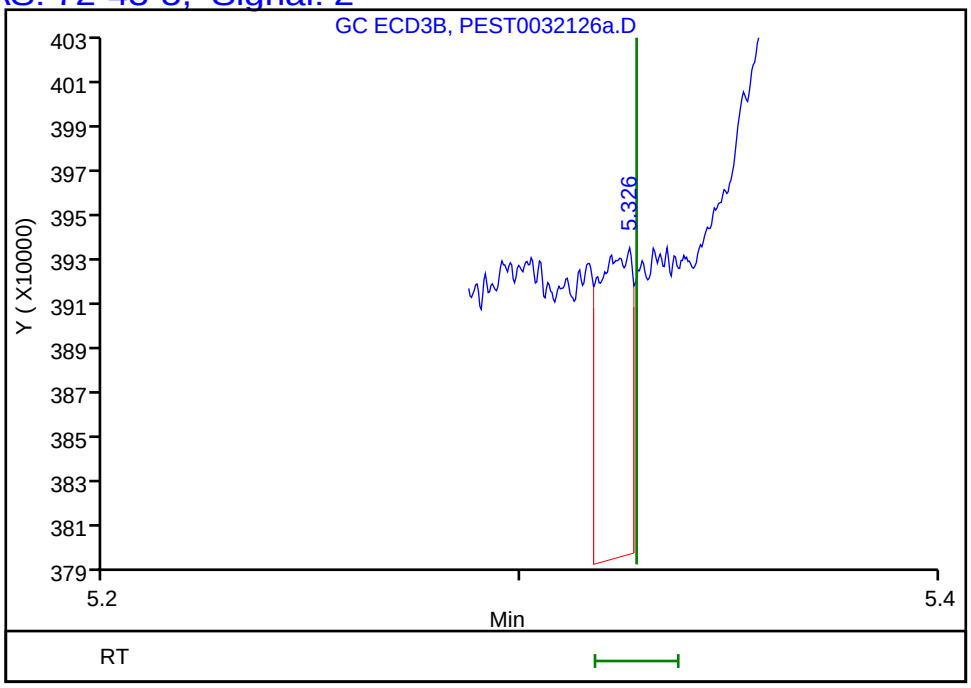
RT: 6.77
Response: 1664
Amount: 0.002050



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.33
Response: 73488
Amount: 0.053725



Reviewer: patelji, 01-Nov-2021 15:23:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-810761/1

Matrix: Solid Lab File ID: PEST0032153.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/02/2021 03:28

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810761 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.0030	U	0.020	0.0030
319-84-6	alpha-BHC	0.0070	U	0.020	0.0070
319-85-7	beta-BHC	0.015	U	0.020	0.015
319-86-8	delta-BHC	0.0050	U	0.020	0.0050
58-89-9	gamma-BHC (Lindane)	0.012	U	0.020	0.012
12789-03-6	Chlordane (technical)	0.055	U	0.50	0.055
72-54-8	4,4'-DDD	0.0060	U	0.020	0.0060
72-55-9	4,4'-DDE	0.0020	U	0.020	0.0020
50-29-3	4,4'-DDT	0.0040	U	0.020	0.0040
60-57-1	Dieldrin	0.0030	U	0.020	0.0030
959-98-8	Endosulfan I	0.0020	U	0.020	0.0020
33213-65-9	Endosulfan II	0.0040	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.0060	U	0.020	0.0060
72-20-8	Endrin	0.0040	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.0080	U	0.020	0.0080
53494-70-5	Endrin ketone	0.0080	U	0.020	0.0080
76-44-8	Heptachlor	0.0030	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.0050	U	0.020	0.0050
72-43-5	Methoxychlor	0.0040	U	0.020	0.0040
8001-35-2	Toxaphene	0.11	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		10-133
2051-24-3	DCB Decachlorobiphenyl	113		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-Nov-2021 03:28:59 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-001
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:40:16 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:50:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.587	1.585	0.002	138099270	100.0	100.0	
2	1.502	1.499	0.003	190671197	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.096	2.095	0.001	32187129	20.0	19.0	
2	1.856	1.853	0.003	48658829	20.0	19.6	
						RPD = 3.42	
$ 24 DCB Decachlorobiphenyl							
1	8.318	8.323	-0.005	28372135	20.0	22.6	
2	7.354	7.354	0.000	46129728	20.0	17.5	
						RPD = 25.16	

QC Flag Legend
Processing Flags

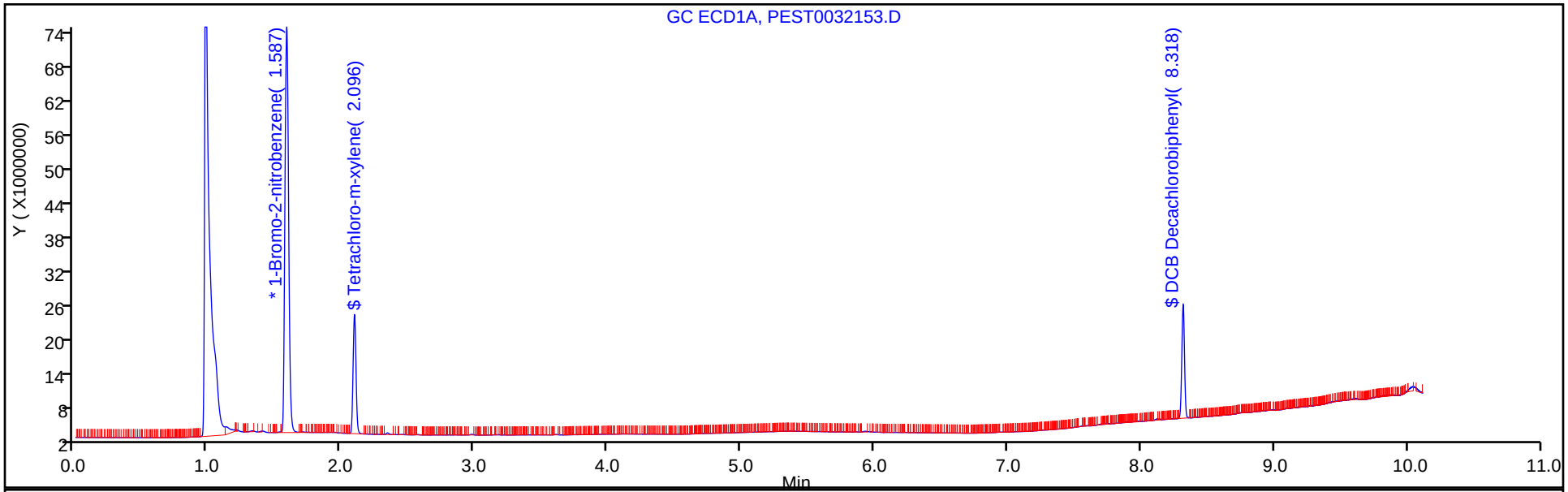
Reagents:
SGPIBLK_00032 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

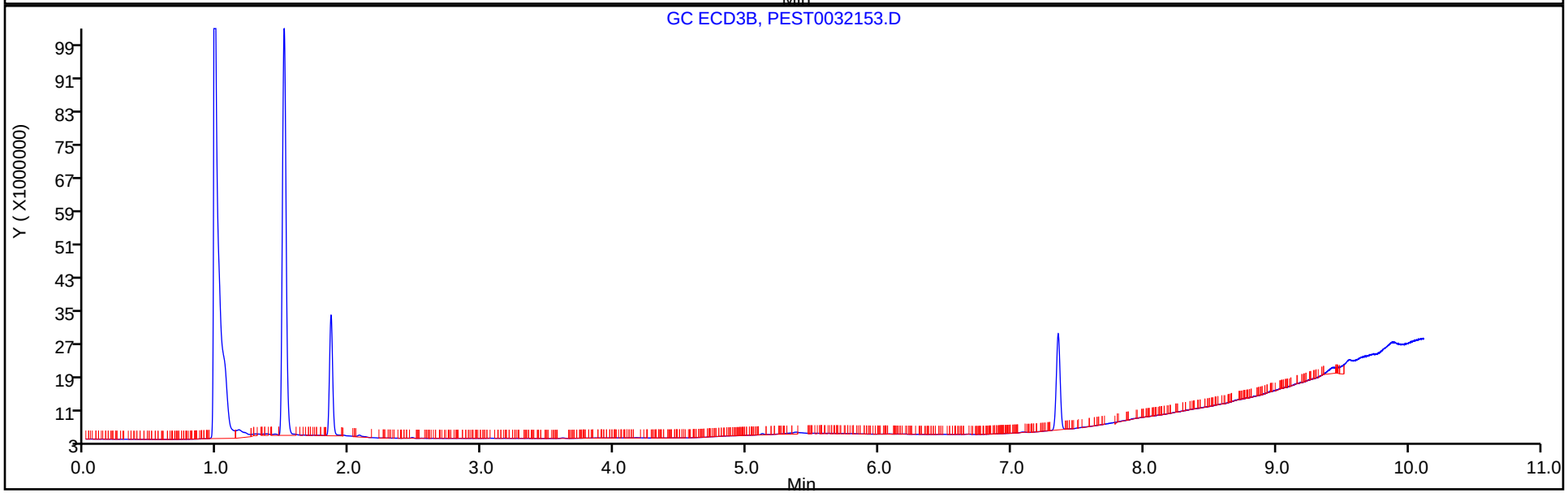
Report Date: 02-Nov-2021 06:41:44 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D

Injection Date:	02-Nov-2021 03:28:59	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

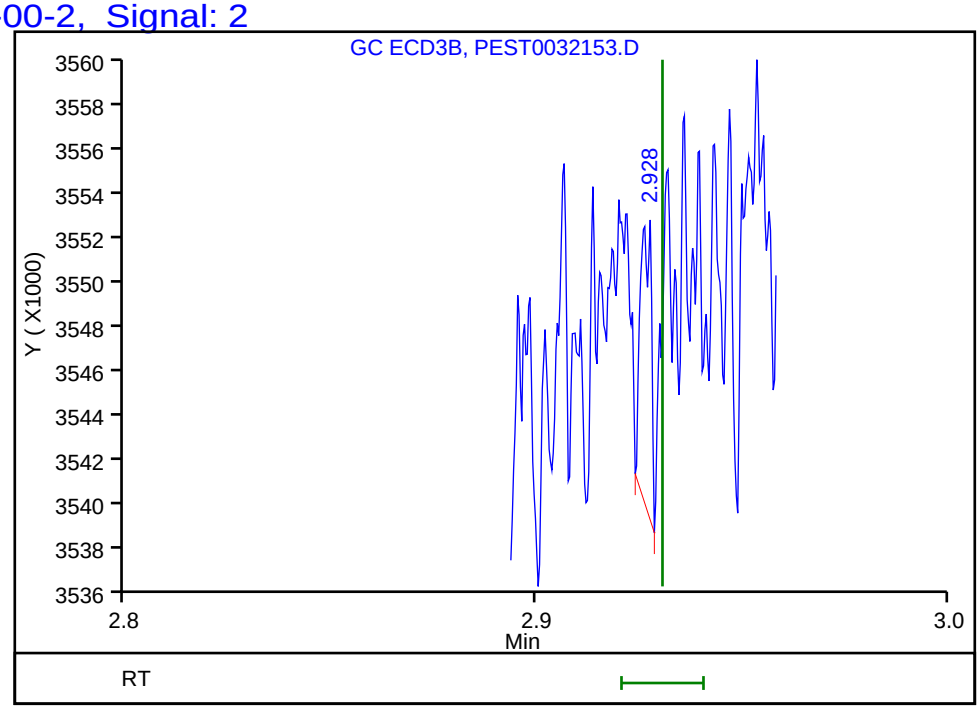
8 Aldrin, CAS: 309-00-2, Signal: 1

RT: 3.59
Response: 8260
Amount: 0.004326

Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 2.93
Response: 2284
Amount: 0.000785



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

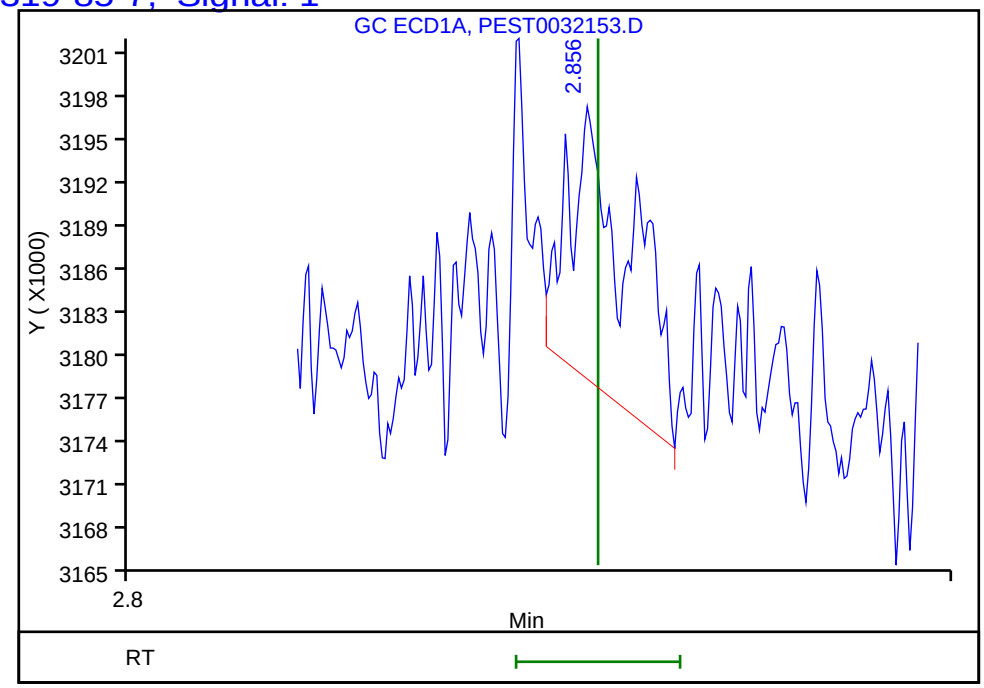
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

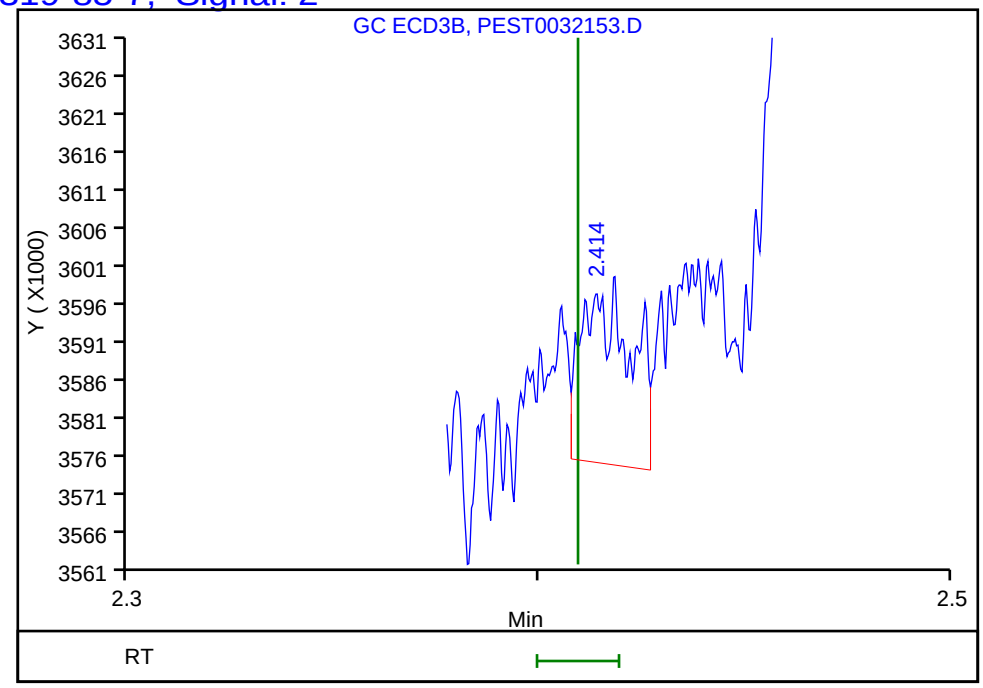
RT: 2.86
Response: 10001
Amount: 0.012156



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.41
Response: 19641
Amount: 0.017118



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

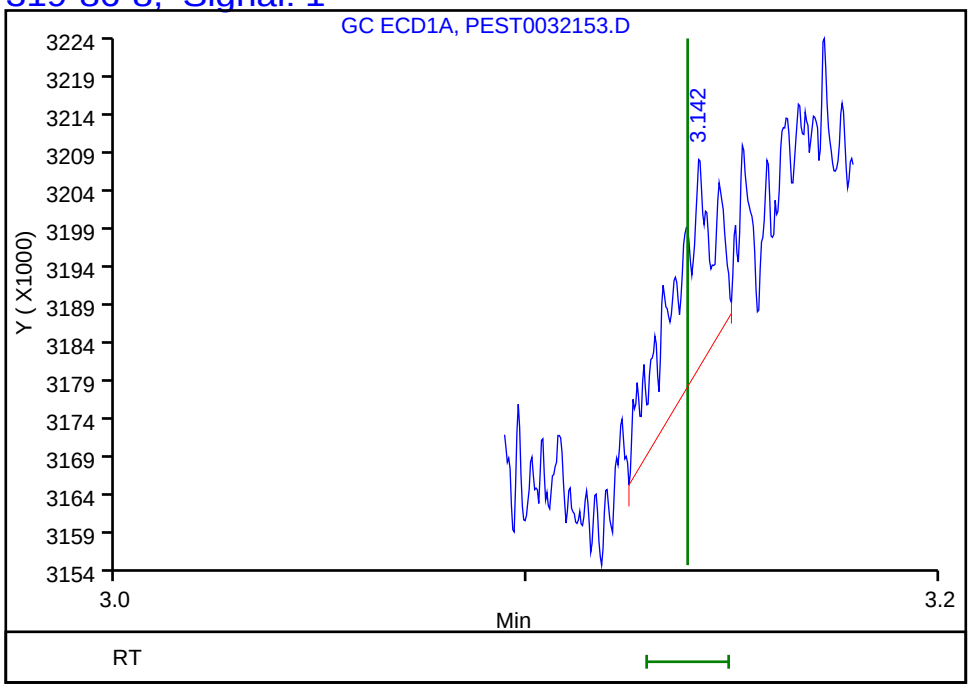
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

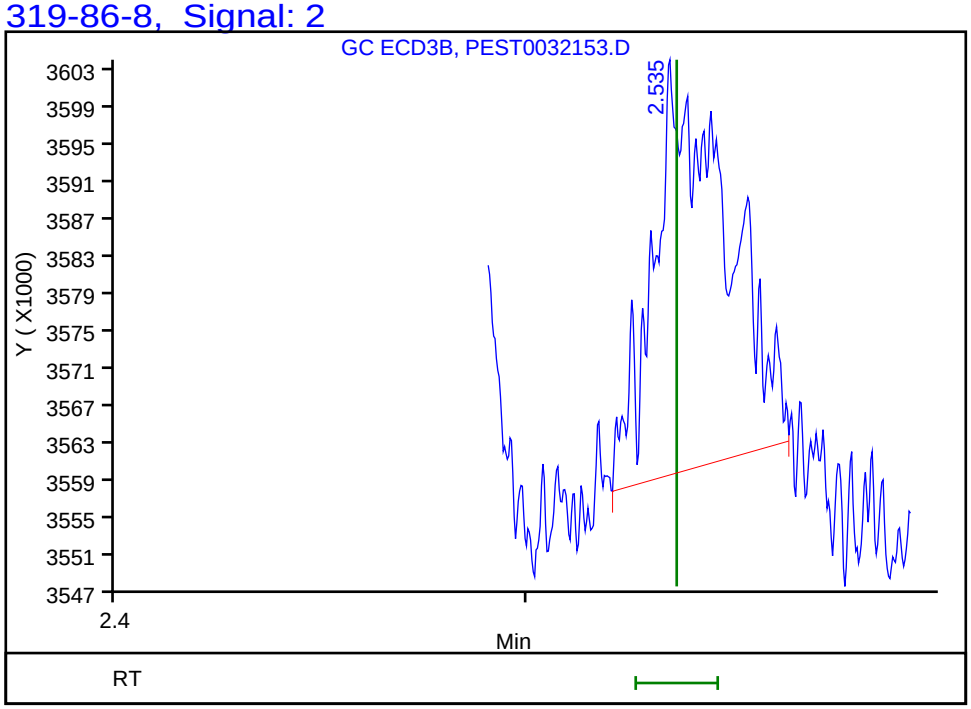
RT: 3.14
Response: 20464
Amount: 0.011618



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 54027
Amount: 0.021271



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

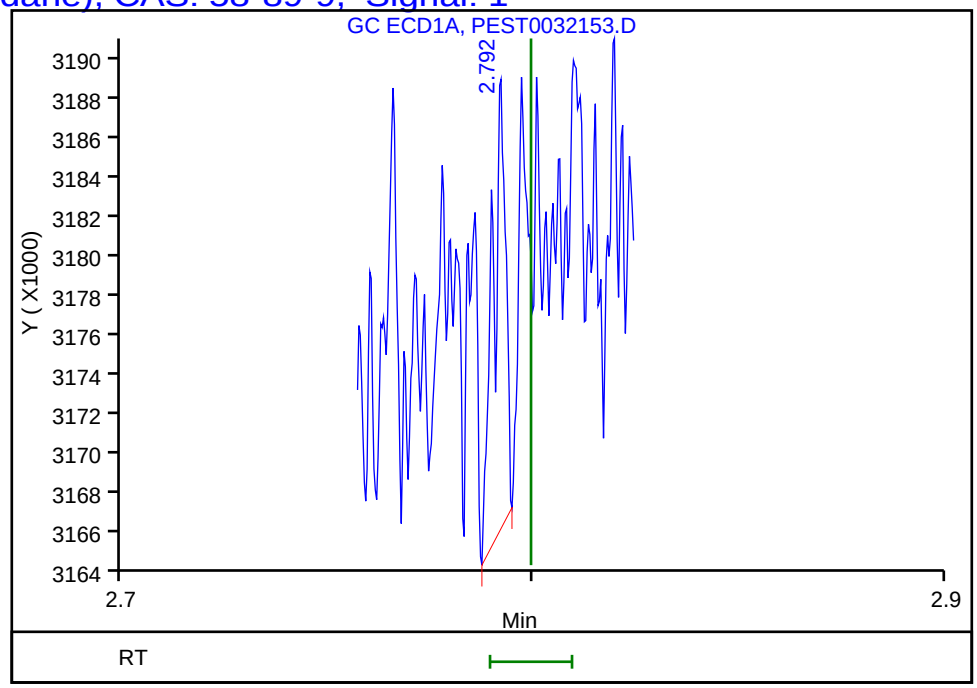
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

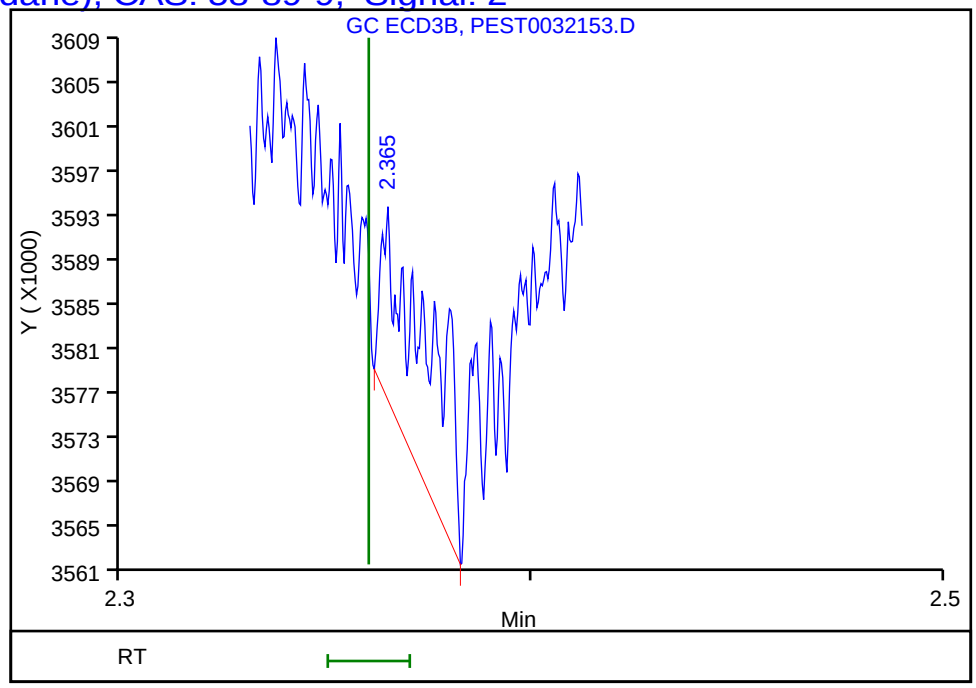
RT: 2.79
Response: 4778
Amount: 0.002315



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 15011
Amount: 0.004925



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

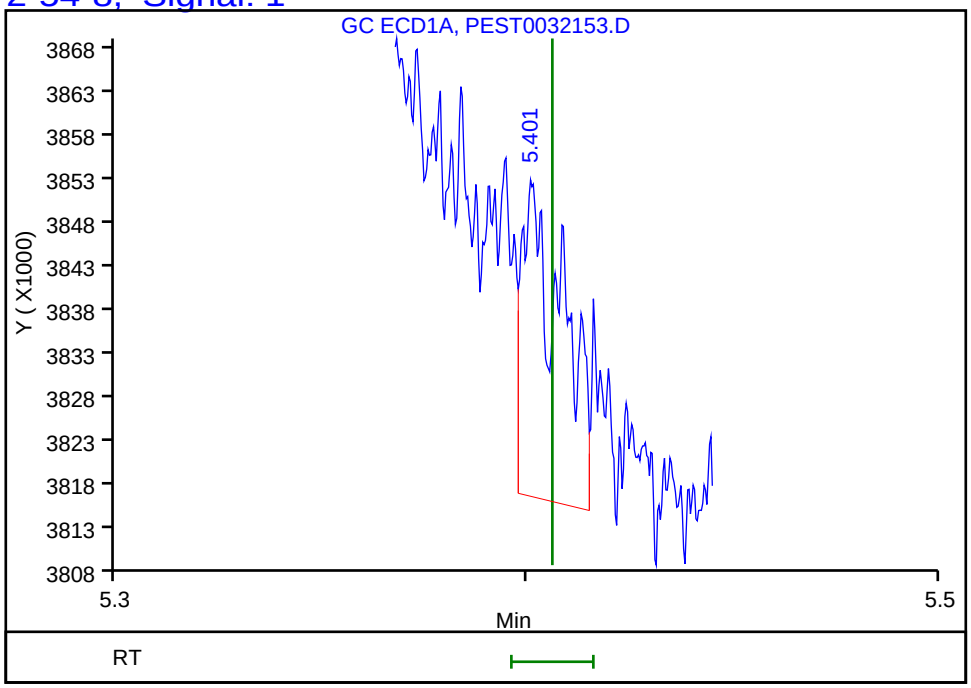
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

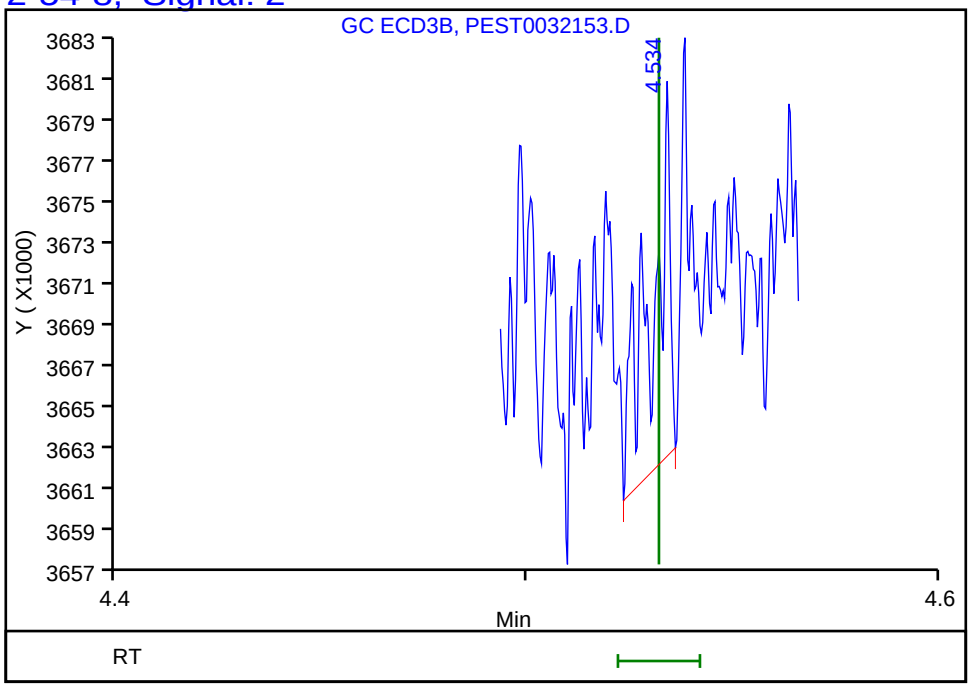
RT: 5.40
Response: 24738
Amount: 0.017089



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53
Response: 5570
Amount: 0.002459



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

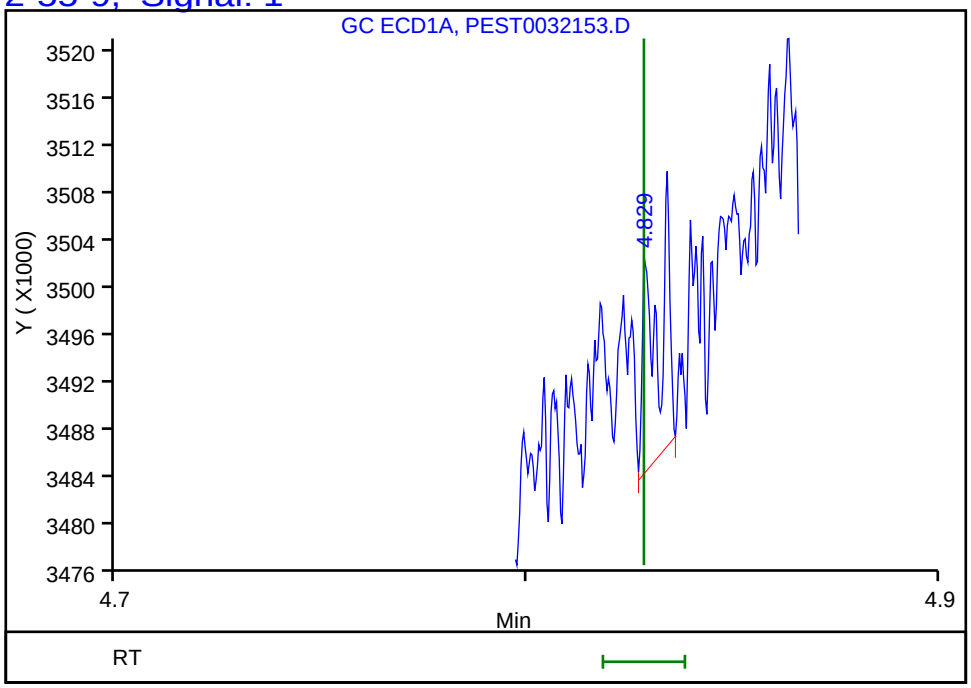
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

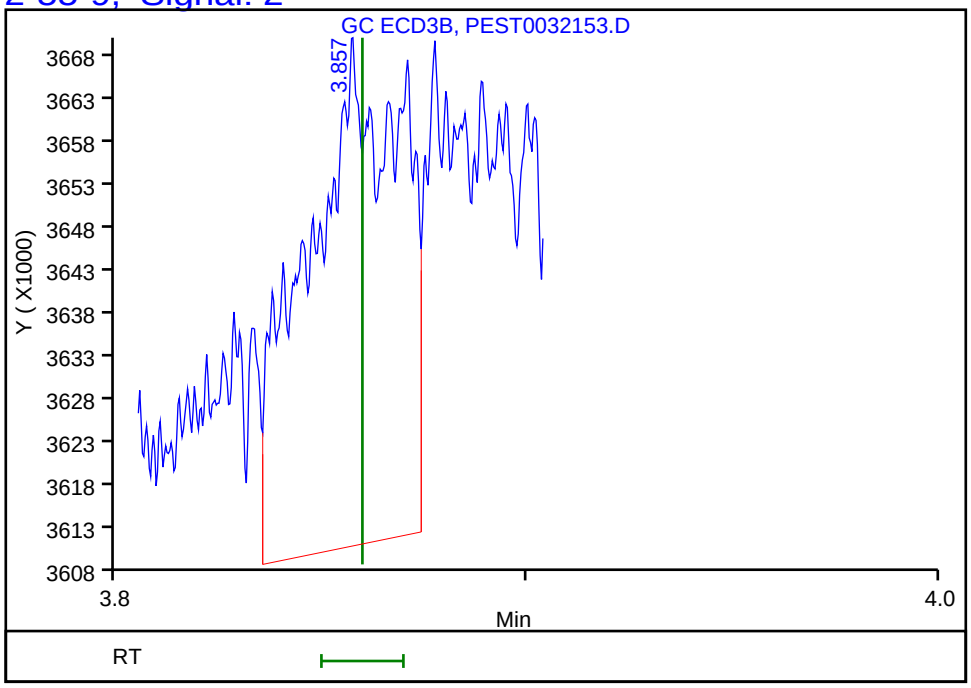
RT: 4.83
Response: 5614
Amount: 0.003216



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86
Response: 94379
Amount: 0.033631



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

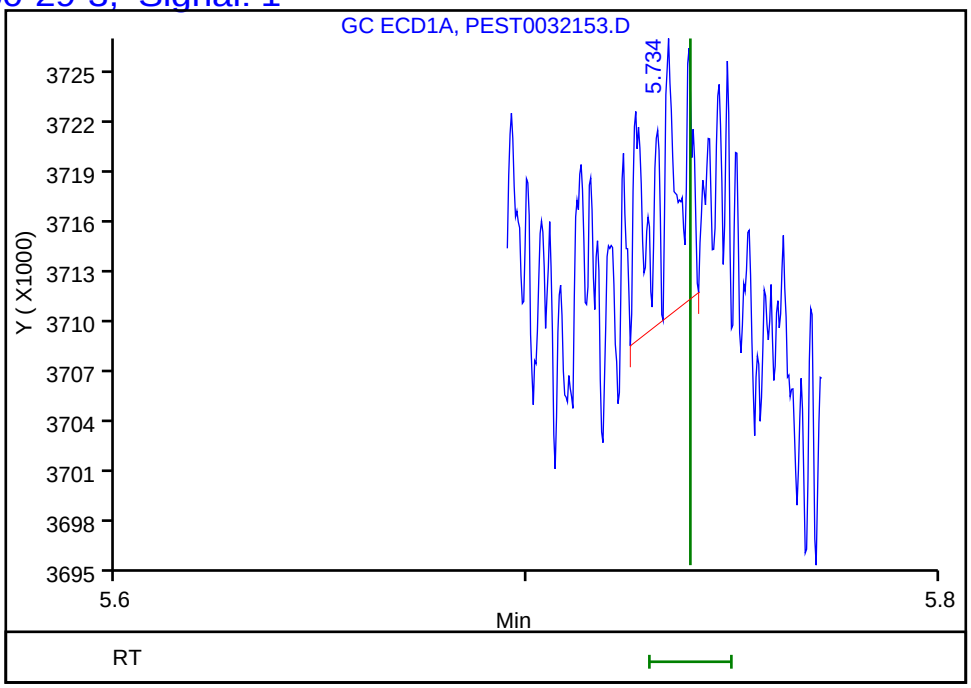
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

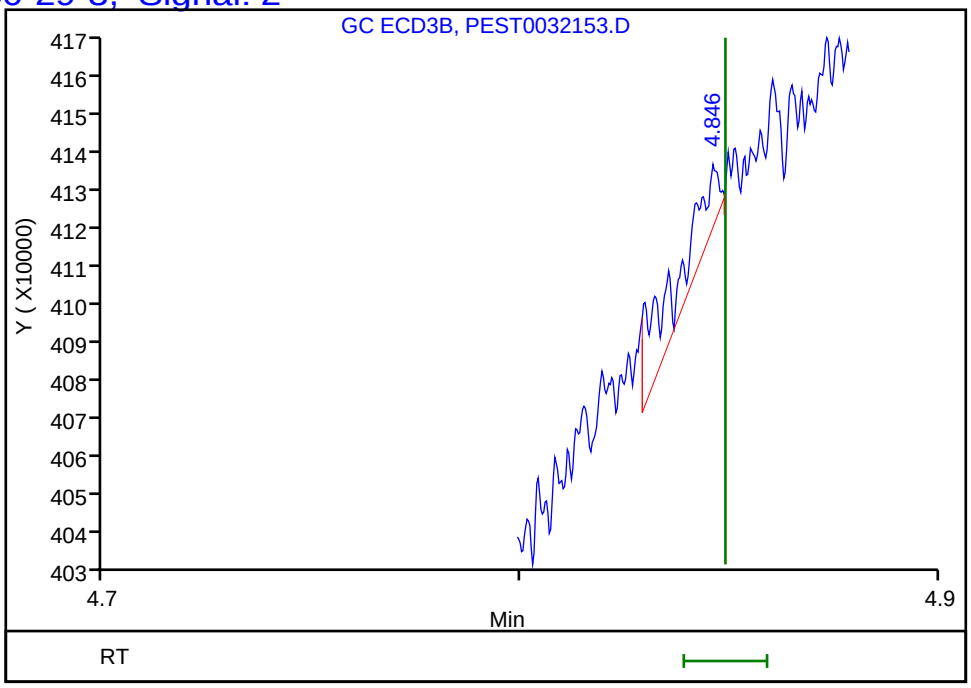
RT: 5.73
Response: 7803
Amount: 0.005669



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 14168
Amount: 0.006032



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

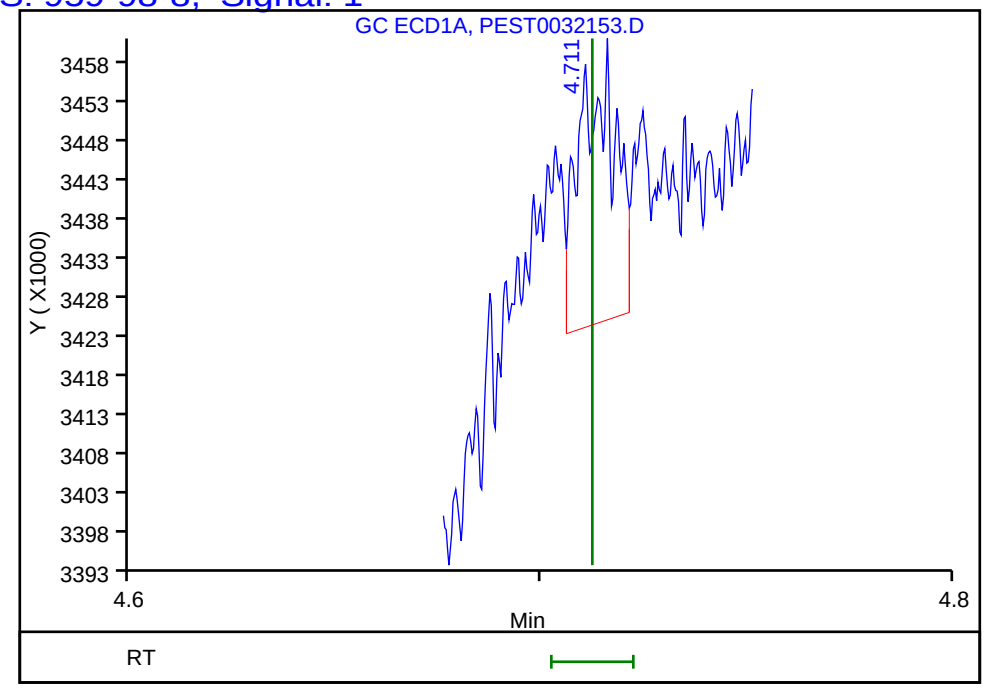
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

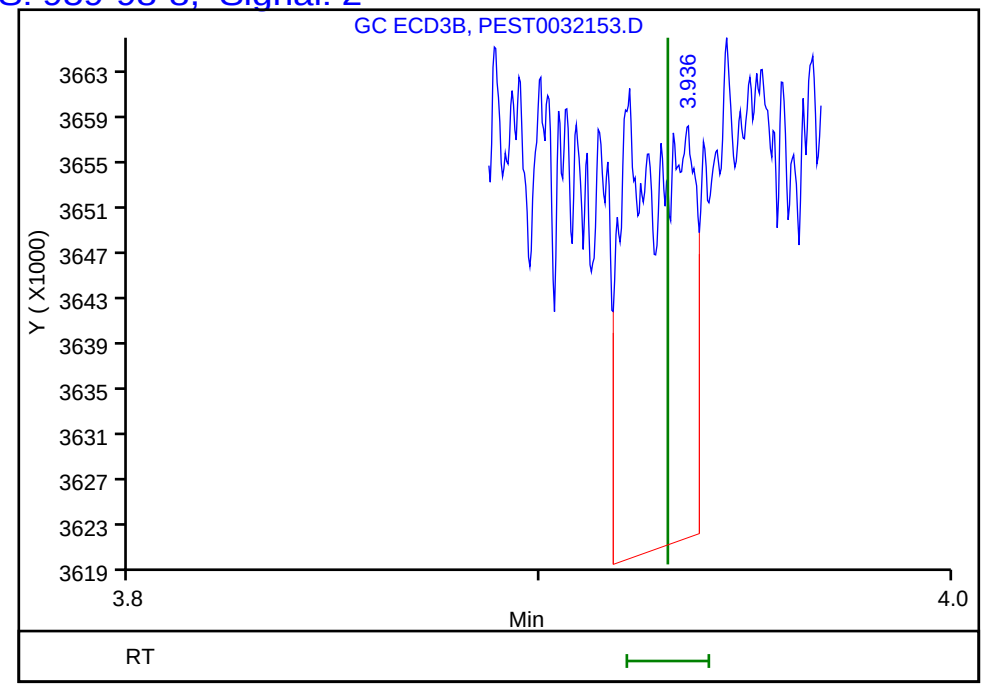
RT: 4.71
Response: 21213
Amount: 0.013478



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.94
Response: 40473
Amount: 0.016132



Reviewer: manlangitf, 02-Nov-2021 03:50:50
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User Disabled Compound Report

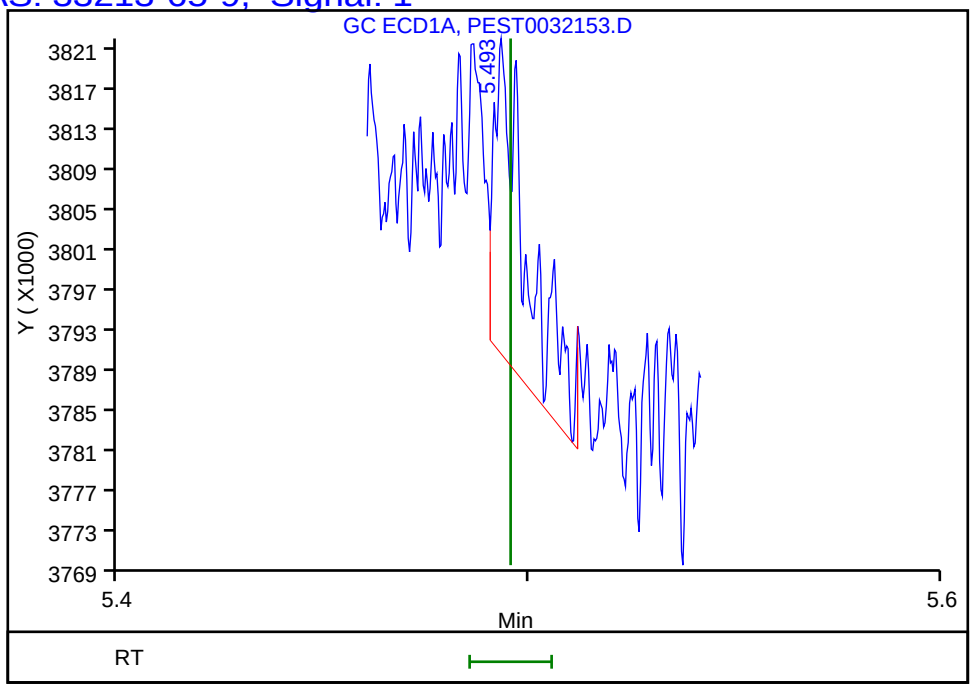
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

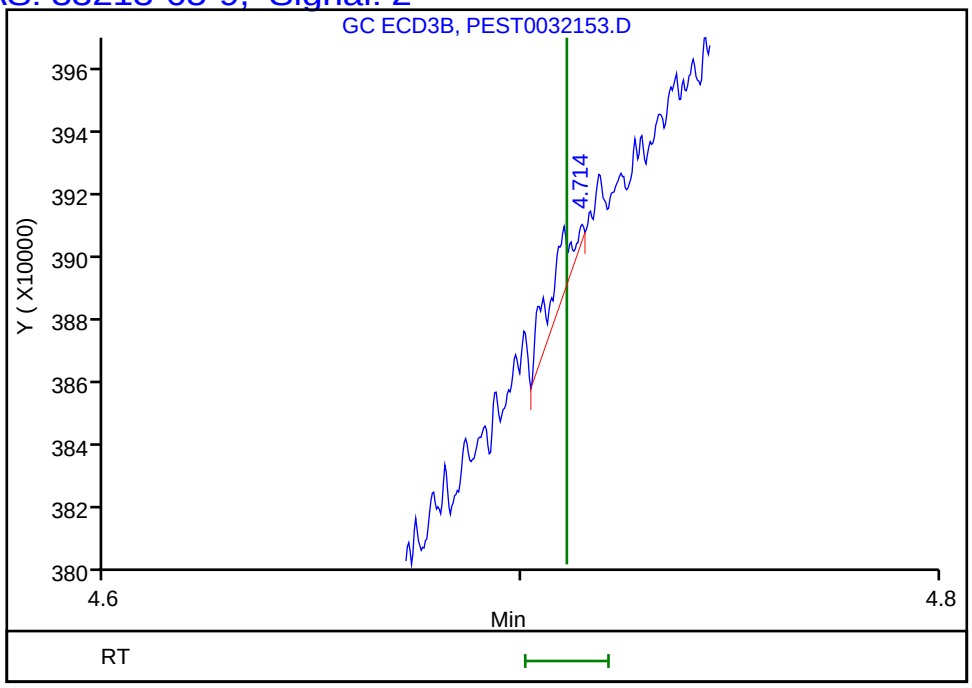
RT: 5.49
Response: 17256
Amount: 0.011500



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71
Response: 7876
Amount: 0.003320



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

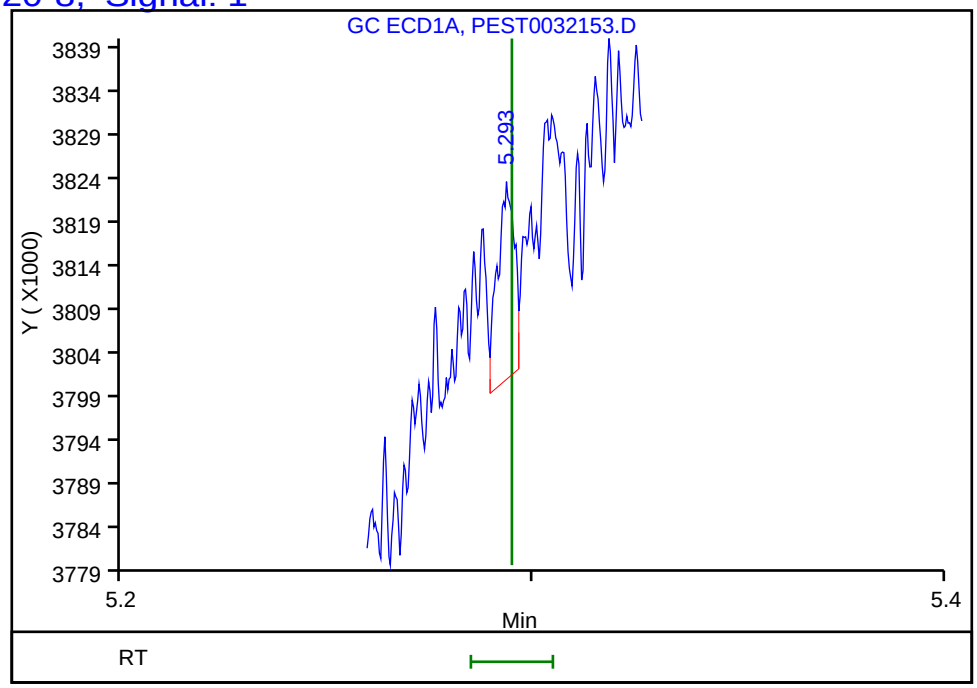
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

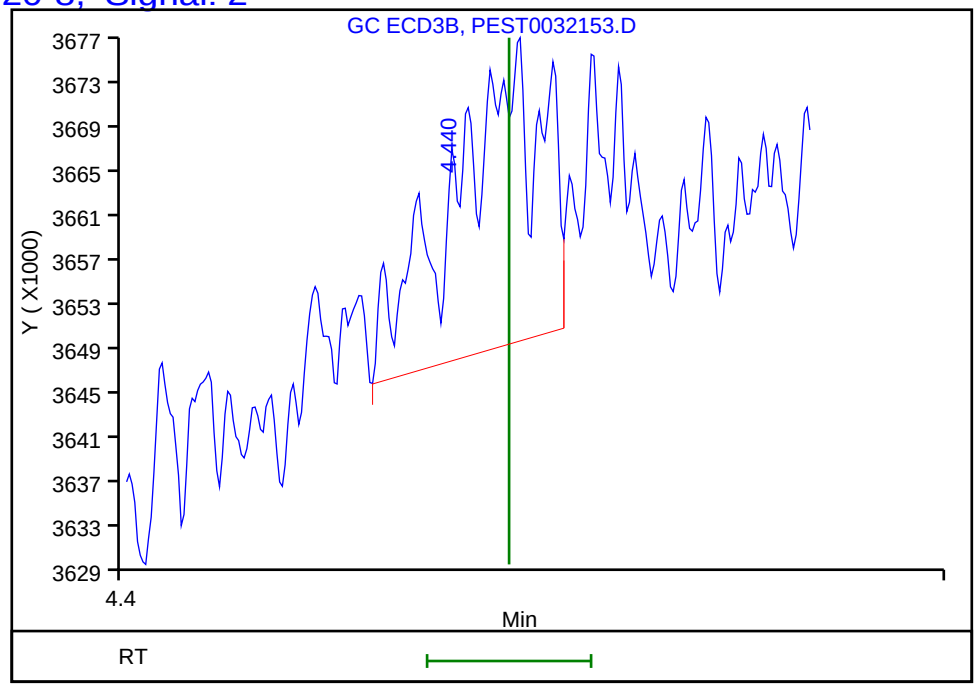
RT: 5.29
Response: 6431
Amount: 0.003845



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.44
Response: 20570
Amount: 0.008005



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

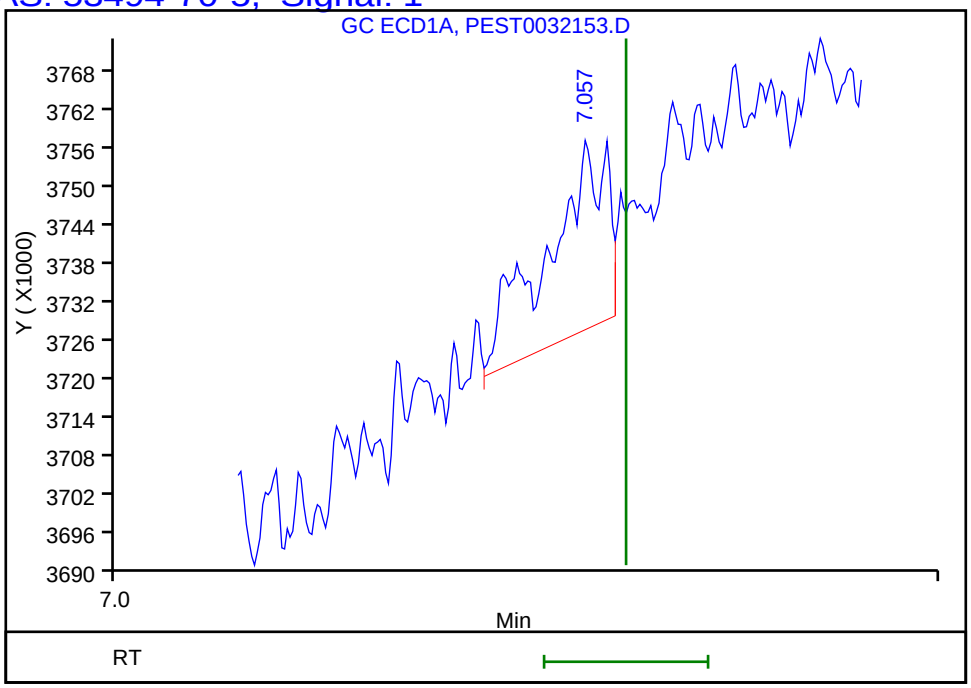
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

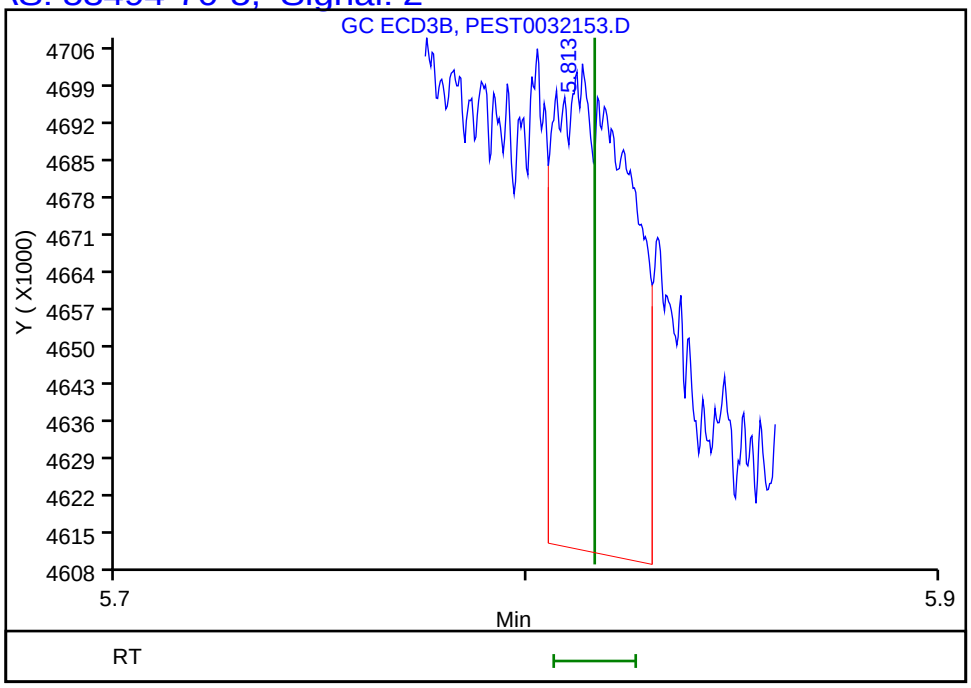
RT: 7.06
Response: 14665
Amount: 0.010982



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 116341
Amount: 0.050909



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

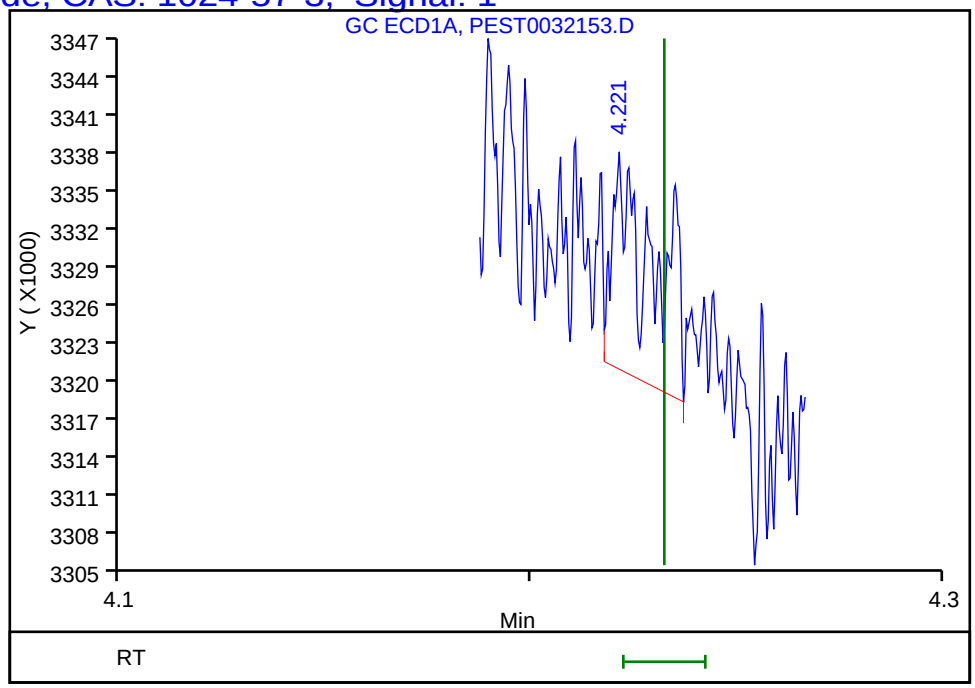
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

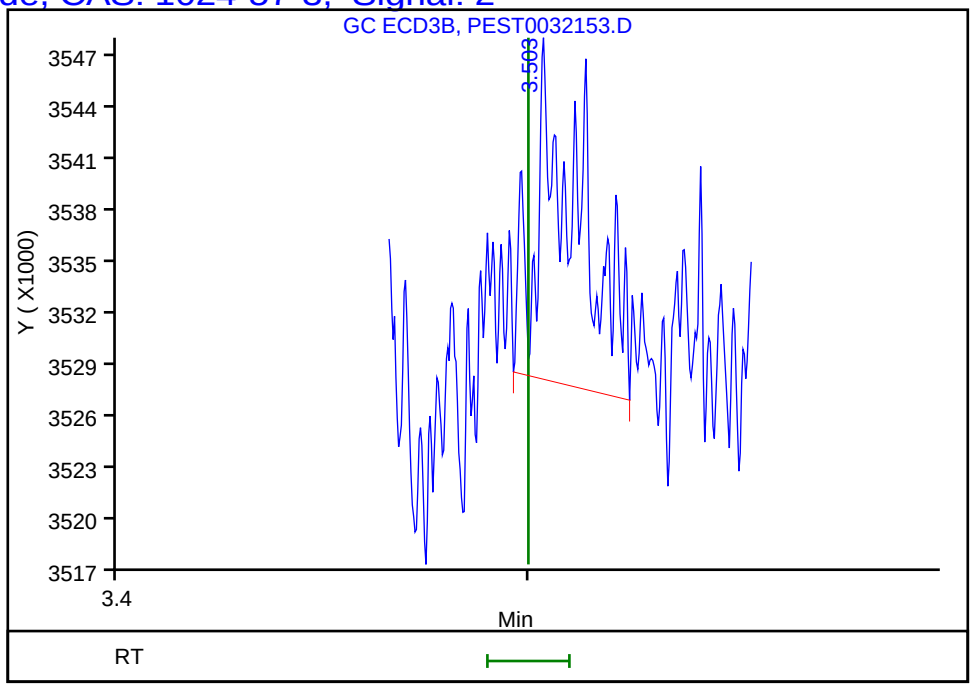
RT: 4.22
Response: 11690
Amount: 0.006861



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.50
Response: 14172
Amount: 0.005219



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

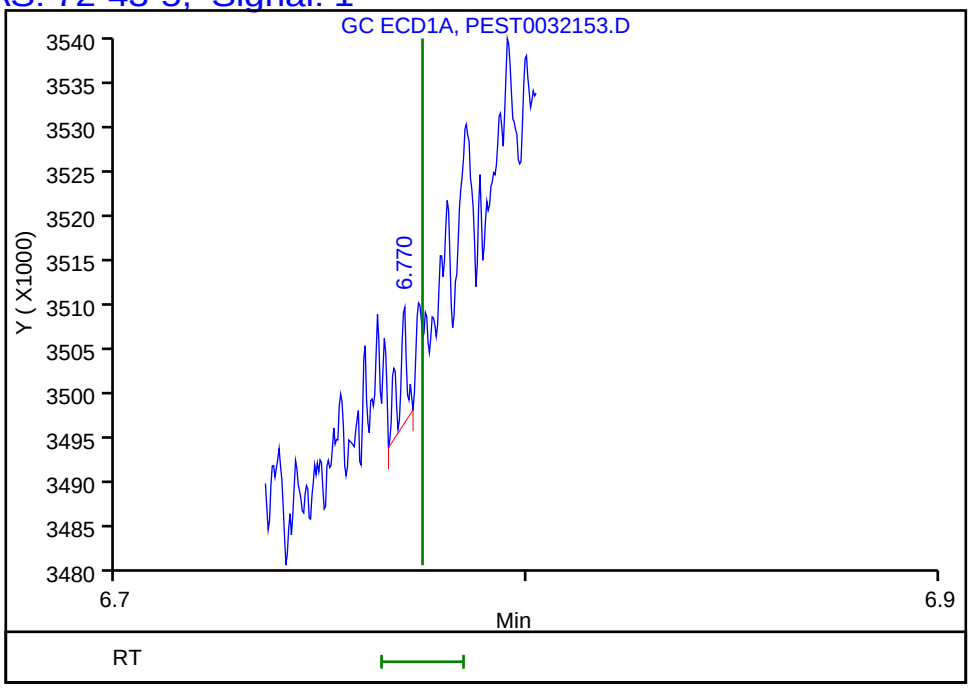
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

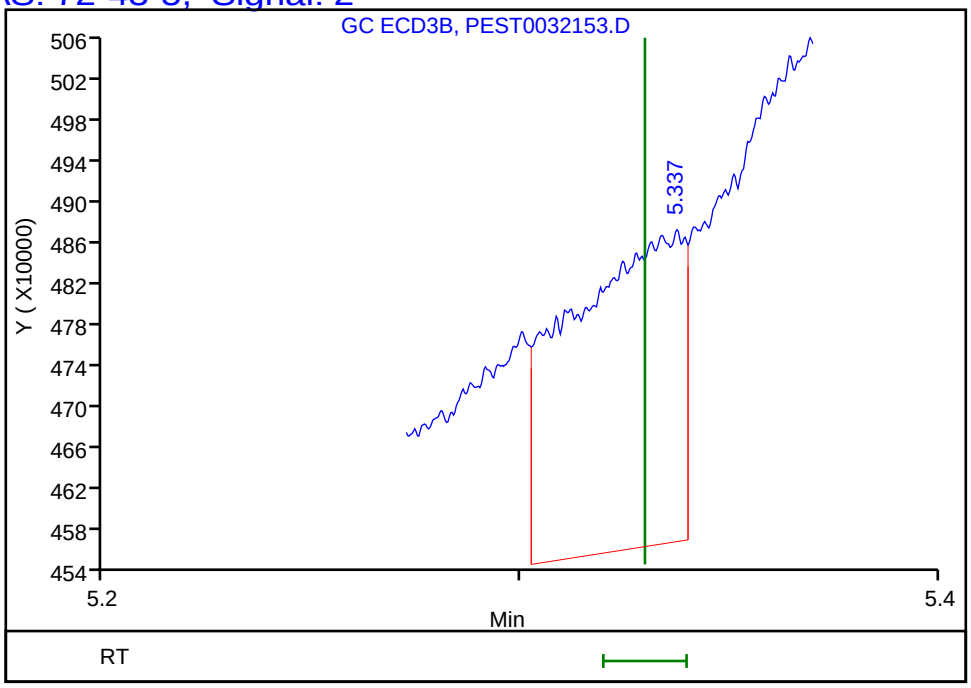
RT: 6.77
Response: 1699
Amount: 0.002151



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.34
Response: 579093
Amount: 0.425768



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-810761/1

Matrix: Solid Lab File ID: PEST0032153.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 11/02/2021 03:28

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810761 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*0.0030*	*U*	*0.020*	*0.0030*
319-84-6	*alpha-BHC*	*0.0070*	*U*	*0.020*	*0.0070*
319-85-7	*beta-BHC*	*0.015*	*U*	*0.020*	*0.015*
319-86-8	*delta-BHC*	*0.0050*	*U*	*0.020*	*0.0050*
58-89-9	*gamma-BHC (Lindane)*	*0.012*	*U*	*0.020*	*0.012*
12789-03-6	*Chlordane (technical)*	*0.055*	*U*	*0.50*	*0.055*
72-54-8	*4,4'-DDD*	*0.0060*	*U*	*0.020*	*0.0060*
72-55-9	*4,4'-DDE*	*0.0020*	*U*	*0.020*	*0.0020*
50-29-3	*4,4'-DDT*	*0.0040*	*U*	*0.020*	*0.0040*
60-57-1	*Dieldrin*	*0.0030*	*U*	*0.020*	*0.0030*
959-98-8	*Endosulfan I*	*0.0020*	*U*	*0.020*	*0.0020*
33213-65-9	*Endosulfan II*	*0.0040*	*U*	*0.020*	*0.0040*
1031-07-8	*Endosulfan sulfate*	*0.0060*	*U*	*0.020*	*0.0060*
72-20-8	*Endrin*	*0.0040*	*U*	*0.020*	*0.0040*
7421-93-4	*Endrin aldehyde*	*0.0080*	*U*	*0.020*	*0.0080*
53494-70-5	*Endrin ketone*	*0.0080*	*U*	*0.020*	*0.0080*
76-44-8	*Heptachlor*	*0.0030*	*U*	*0.020*	*0.0030*
1024-57-3	*Heptachlor epoxide*	*0.0050*	*U*	*0.020*	*0.0050*
72-43-5	*Methoxychlor*	*0.0040*	*U*	*0.020*	*0.0040*
8001-35-2	*Toxaphene*	*0.11*	*U*	*0.50*	*0.11*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	98		10-133
2051-24-3	DCB Decachlorobiphenyl	88		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 02-Nov-2021 03:28:59 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136956-001
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 06:40:16 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:50:50

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.587	1.585	0.002	138099270	100.0	100.0	
2	1.502	1.499	0.003	190671197	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.096	2.095	0.001	32187129	20.0	19.0	
2	1.856	1.853	0.003	48658829	20.0	19.6	
						RPD = 3.42	
$ 24 DCB Decachlorobiphenyl							
1	8.318	8.323	-0.005	28372135	20.0	22.6	
2	7.354	7.354	0.000	46129728	20.0	17.5	
						RPD = 25.16	

QC Flag Legend
Processing Flags

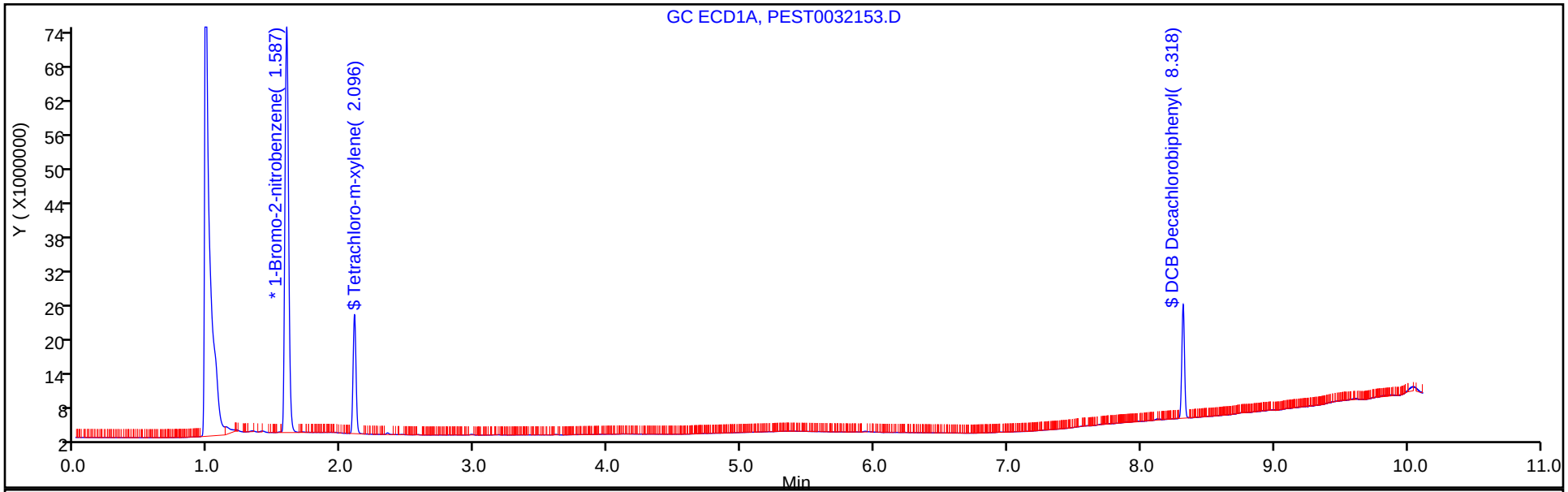
Reagents:
SGPIBLK_00032 Amount Added: 1.00 Units: mL
SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

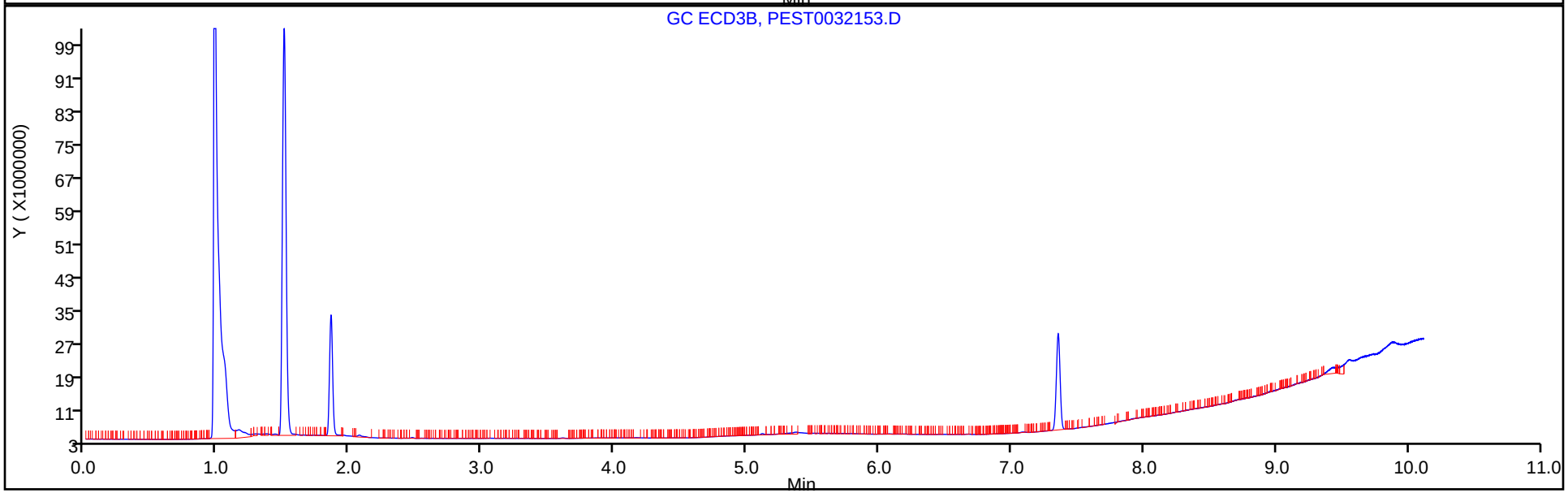
Report Date: 02-Nov-2021 06:41:45 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D

Injection Date:	02-Nov-2021 03:28:59	Instrument ID:	CPESTGC12	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		





User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

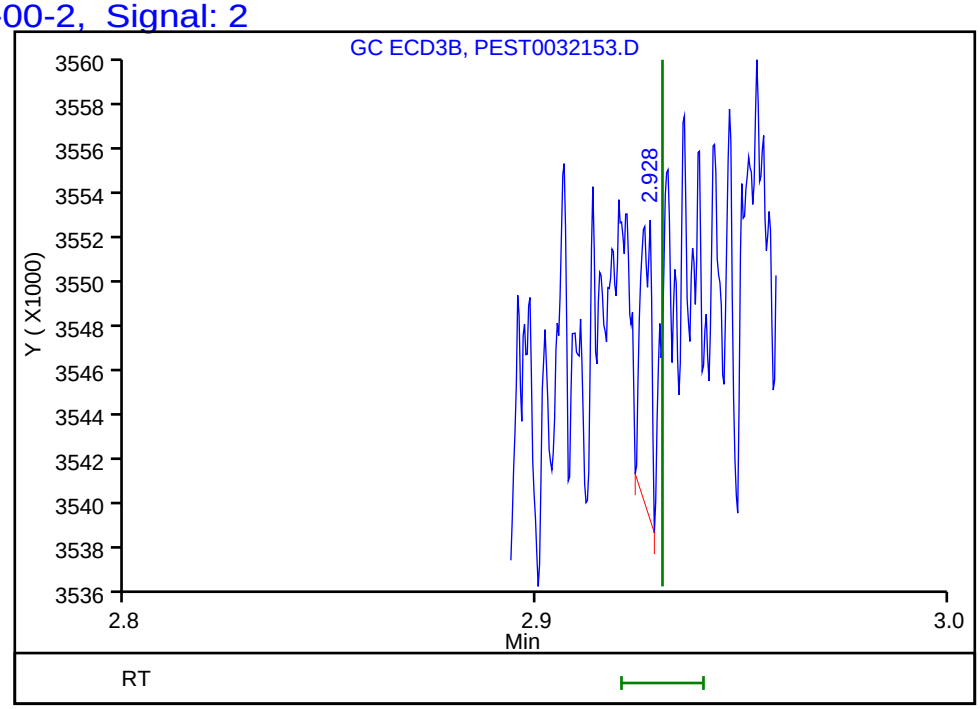
8 Aldrin, CAS: 309-00-2, Signal: 1

RT: 3.59
Response: 8260
Amount: 0.004326

Column: Detector GC ECD2B

8 Aldrin, CAS: 309-00-2, Signal: 2

RT: 2.93
Response: 2284
Amount: 0.000785



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

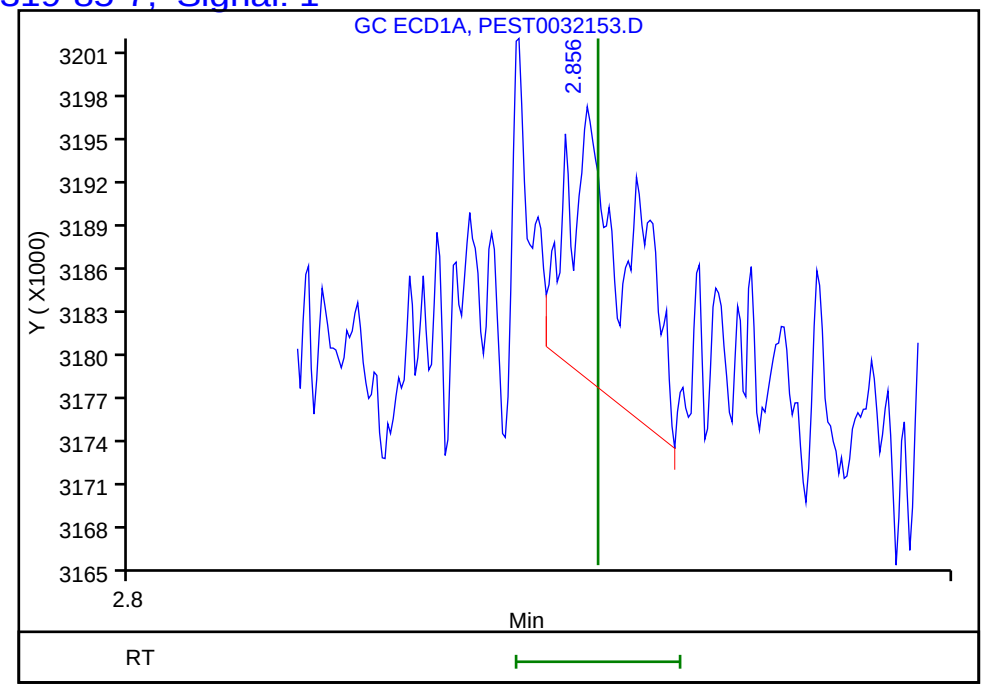
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7, Signal: 1

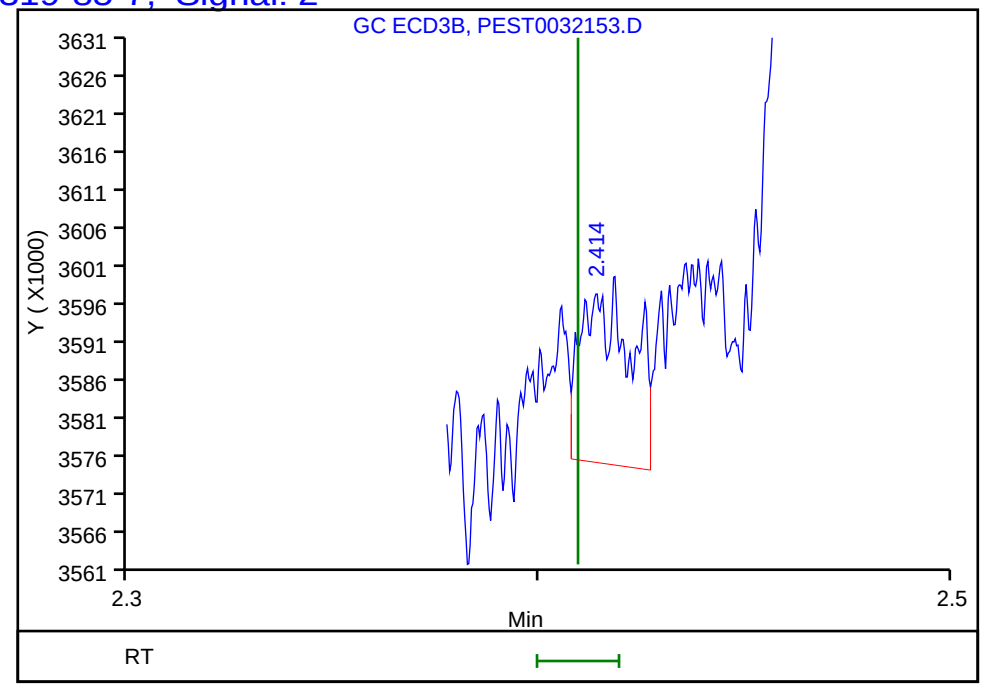
RT: 2.86
Response: 10001
Amount: 0.012156



Column: Detector GC ECD2B

6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.41
Response: 19641
Amount: 0.017118



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

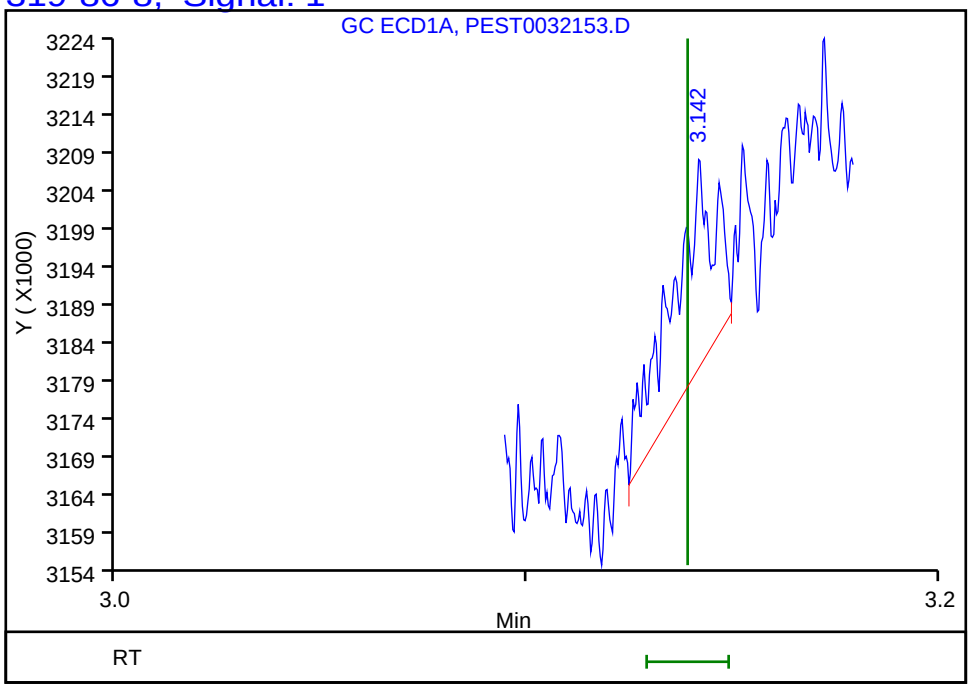
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.14
Response: 20464
Amount: 0.011618



Column: Detector GC ECD2B

32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.53
Response: 54027
Amount: 0.021271

Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

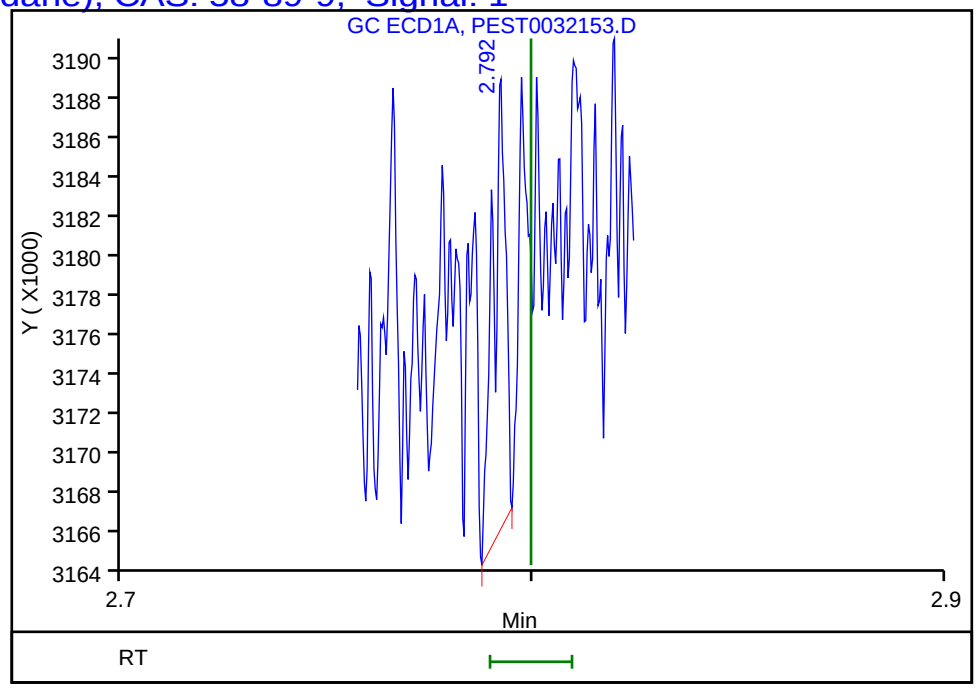
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

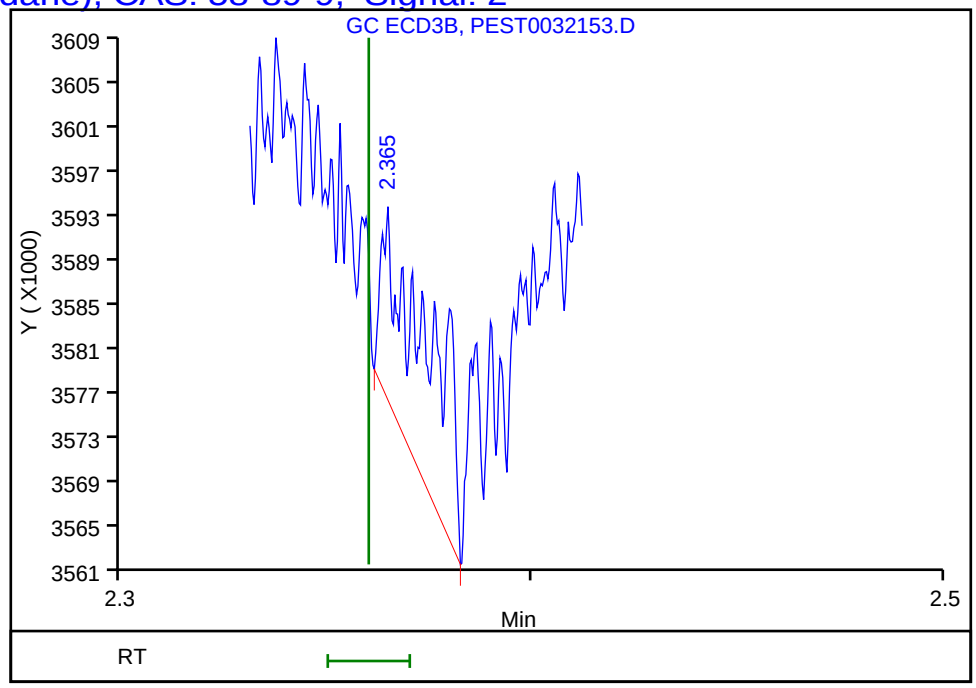
RT: 2.79
Response: 4778
Amount: 0.002315



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.36
Response: 15011
Amount: 0.004925



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

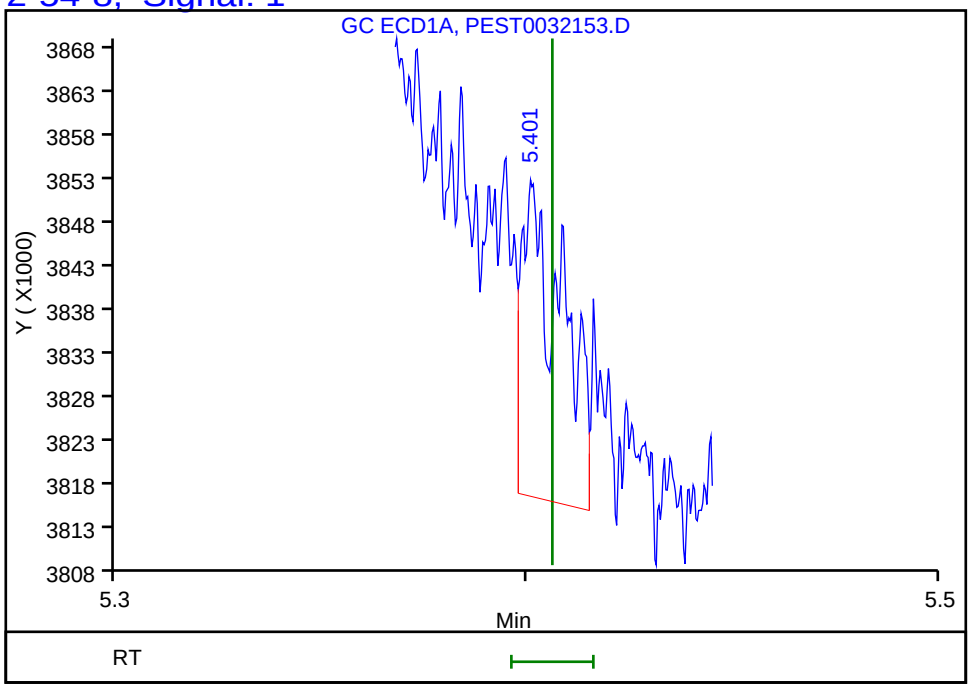
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

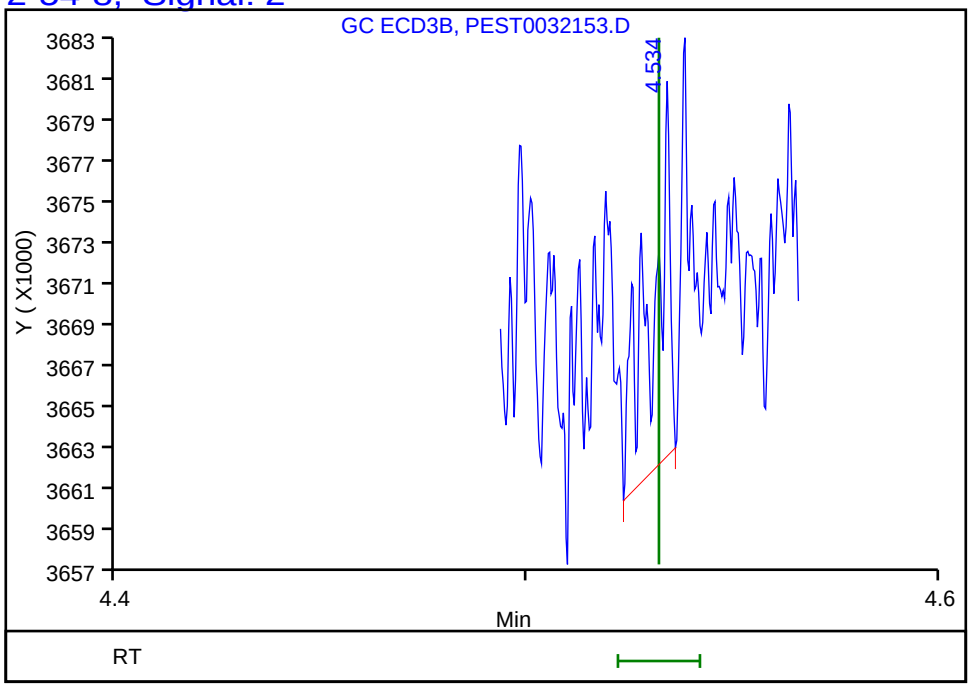
RT: 5.40
Response: 24738
Amount: 0.017089



Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.53
Response: 5570
Amount: 0.002459



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

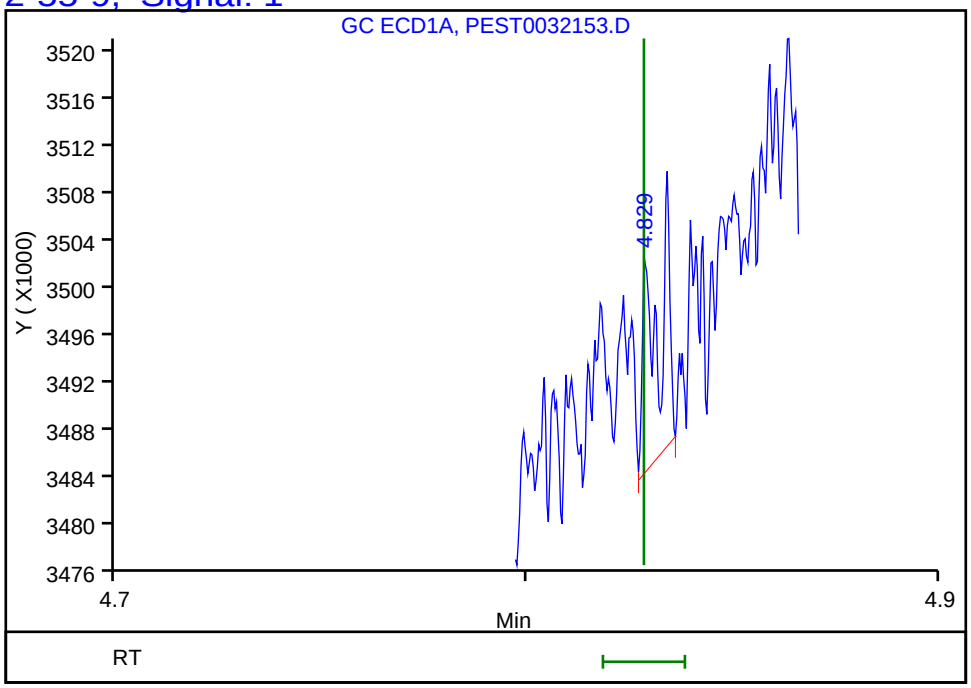
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

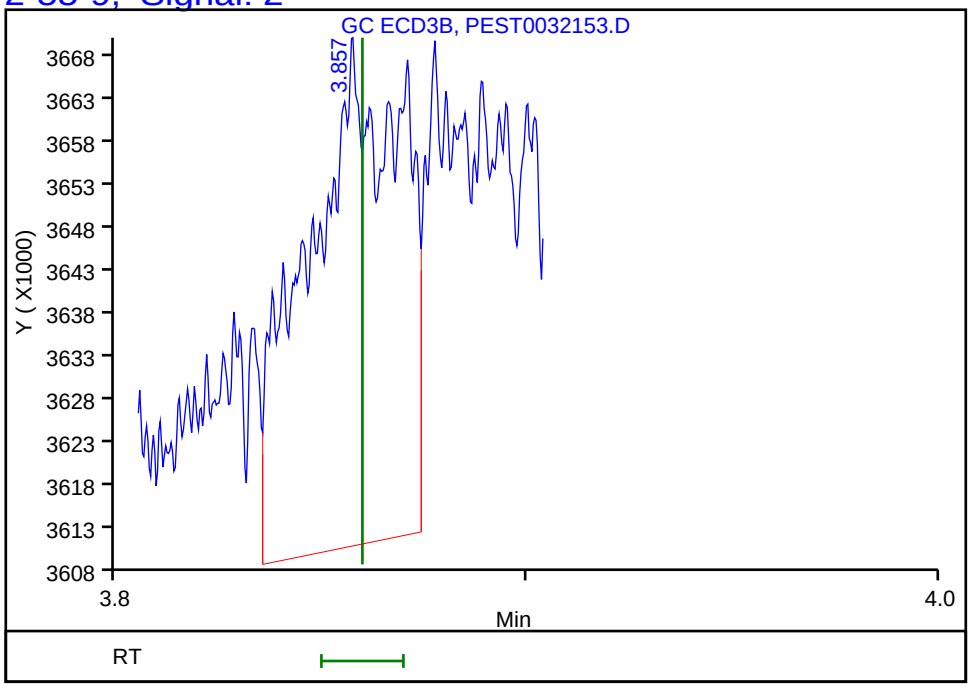
RT: 4.83
Response: 5614
Amount: 0.003216



Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.86
Response: 94379
Amount: 0.033631



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

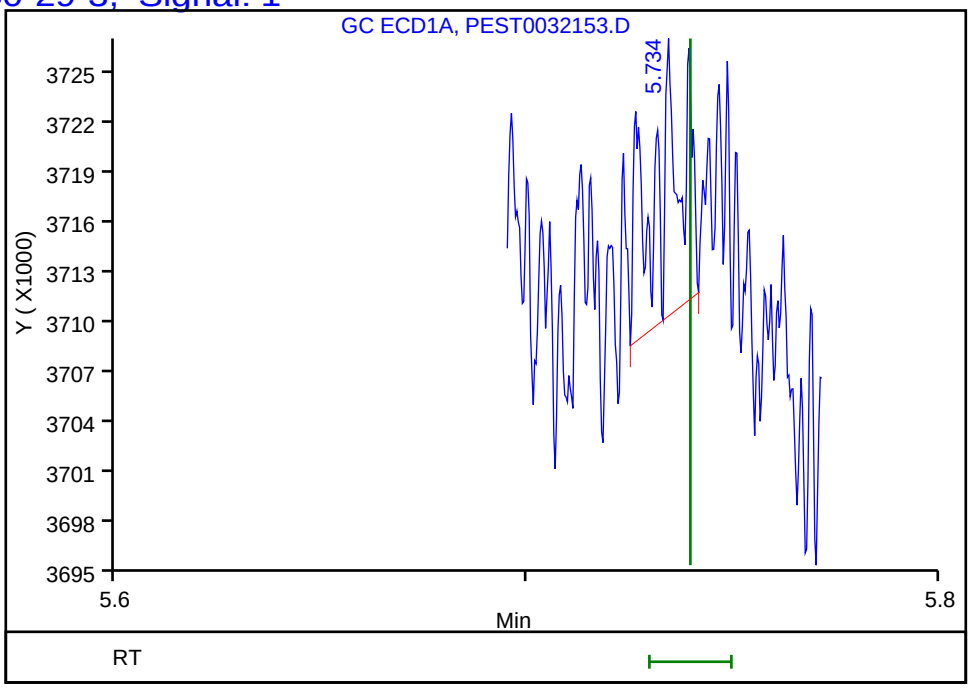
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

21 4,4'-DDT, CAS: 50-29-3, Signal: 1

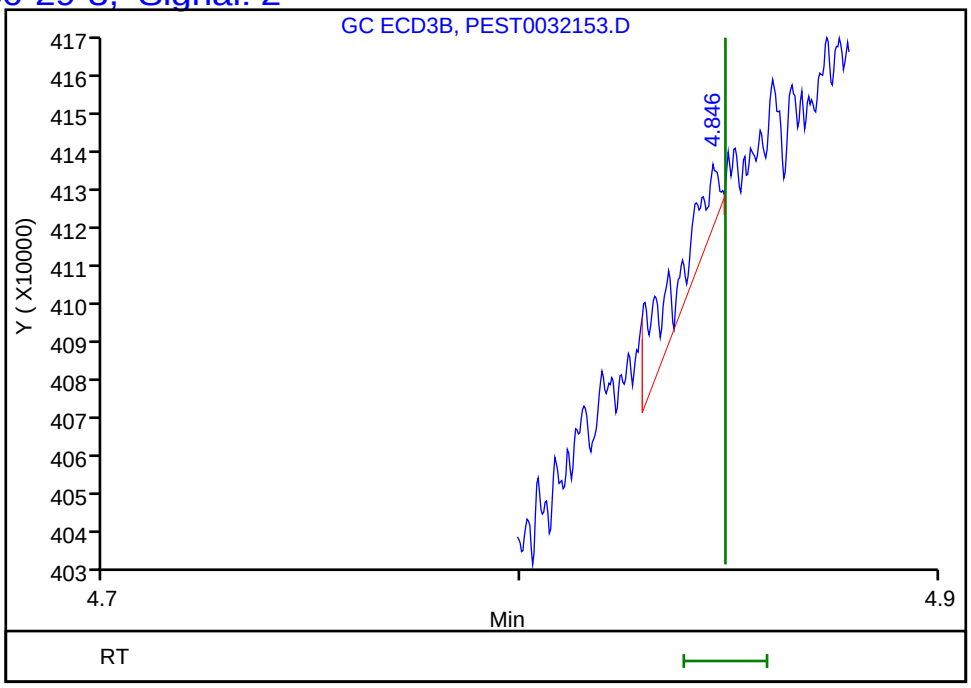
RT: 5.73
Response: 7803
Amount: 0.005669



Column: Detector GC ECD2B

21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.85
Response: 14168
Amount: 0.006032



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

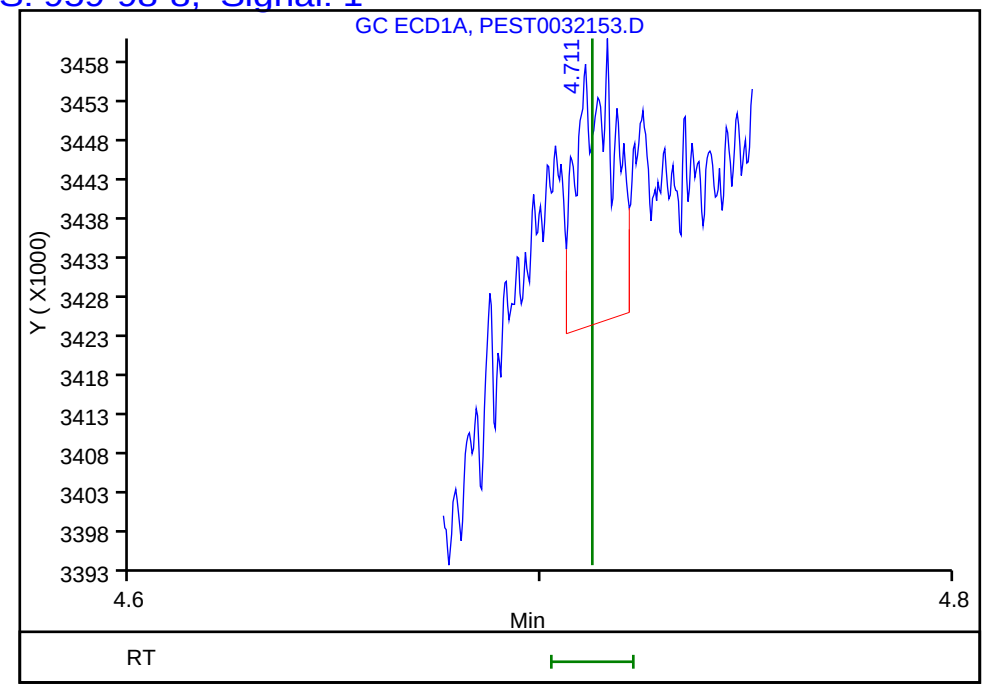
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

7 Endosulfan I, CAS: 959-98-8, Signal: 1

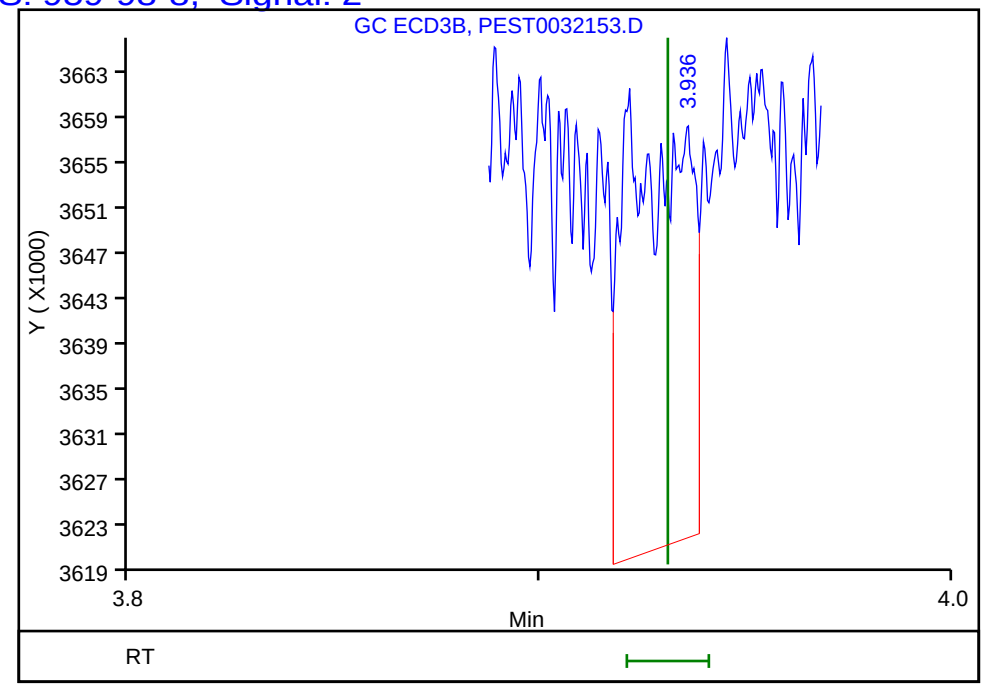
RT: 4.71
Response: 21213
Amount: 0.013478



Column: Detector GC ECD2B

7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.94
Response: 40473
Amount: 0.016132



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

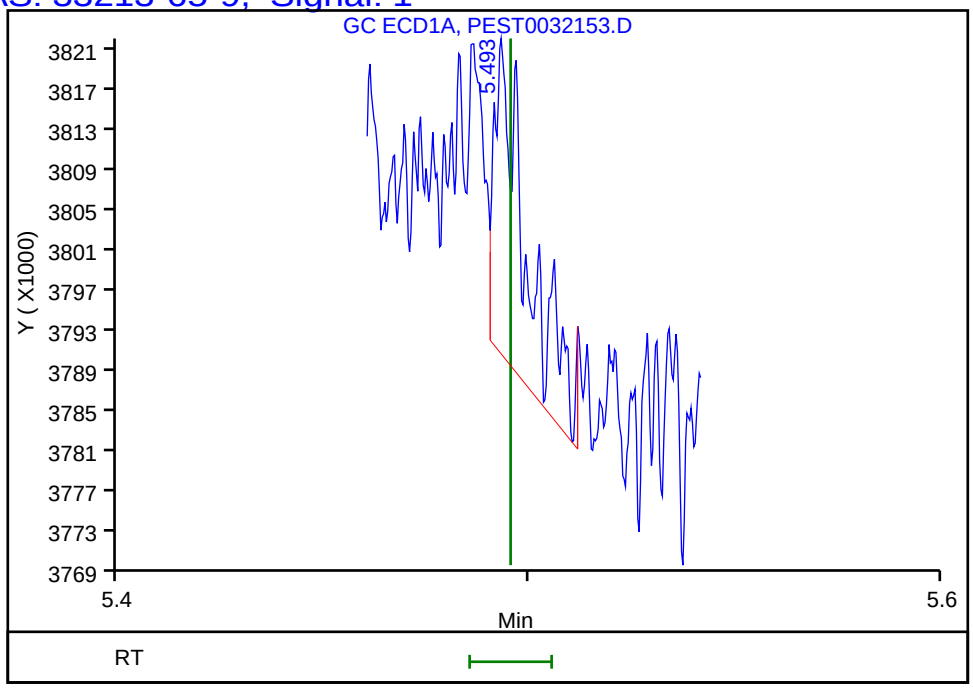
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

11 Endosulfan II, CAS: 33213-65-9, Signal: 1

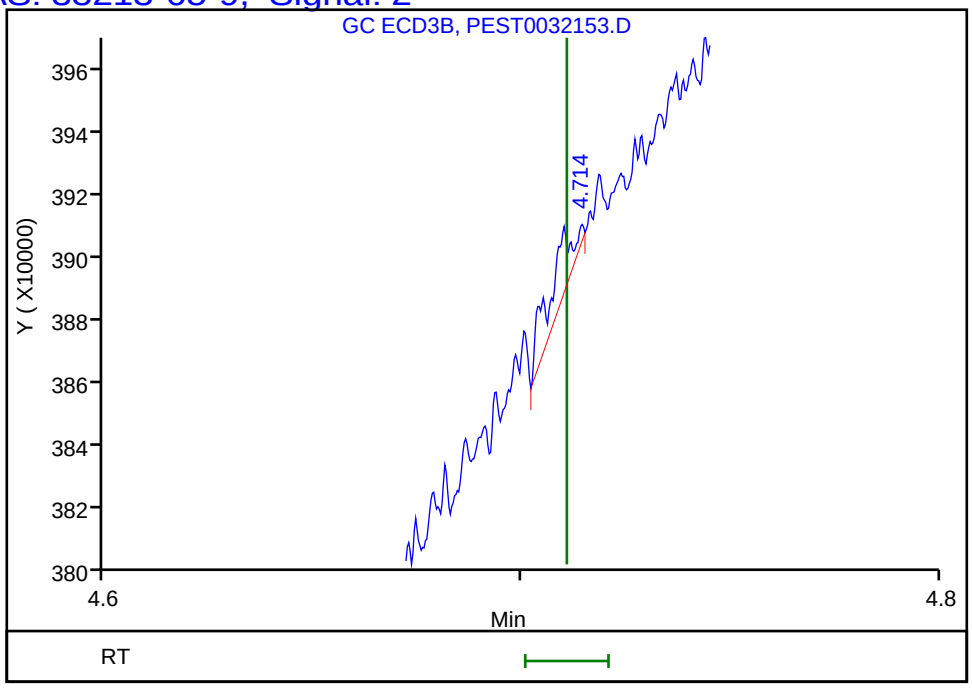
RT: 5.49
Response: 17256
Amount: 0.011500



Column: Detector GC ECD2B

11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.71
Response: 7876
Amount: 0.003320



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

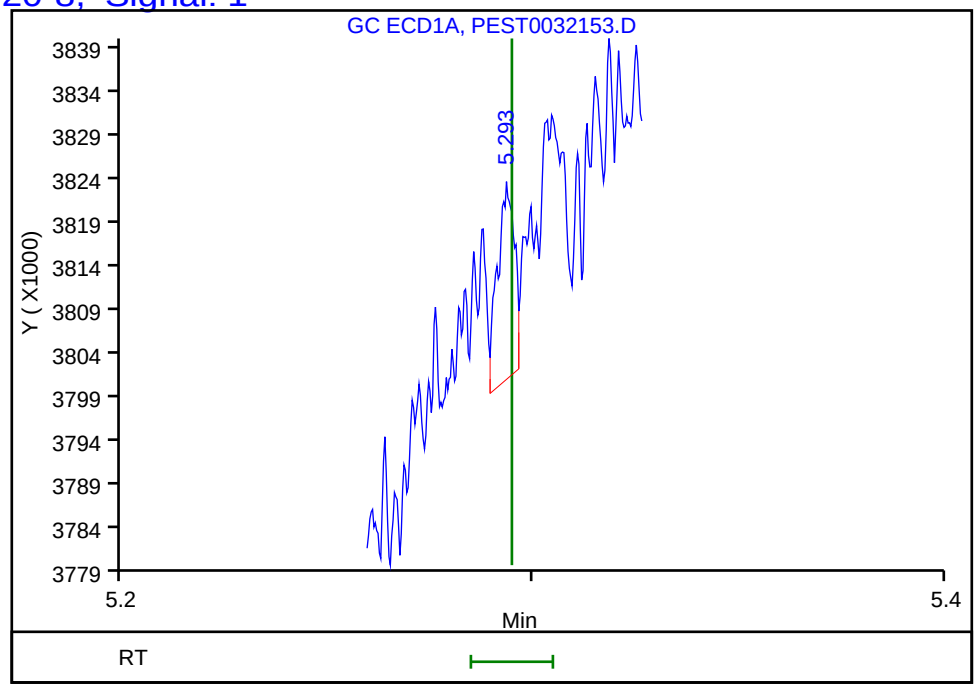
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

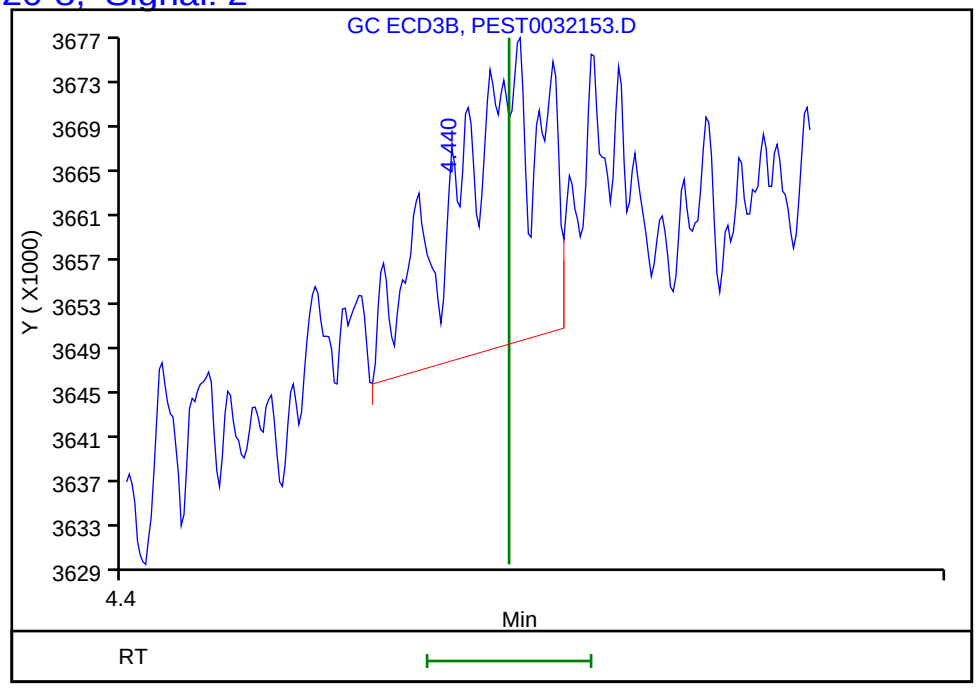
RT: 5.29
Response: 6431
Amount: 0.003845



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.44
Response: 20570
Amount: 0.008005



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

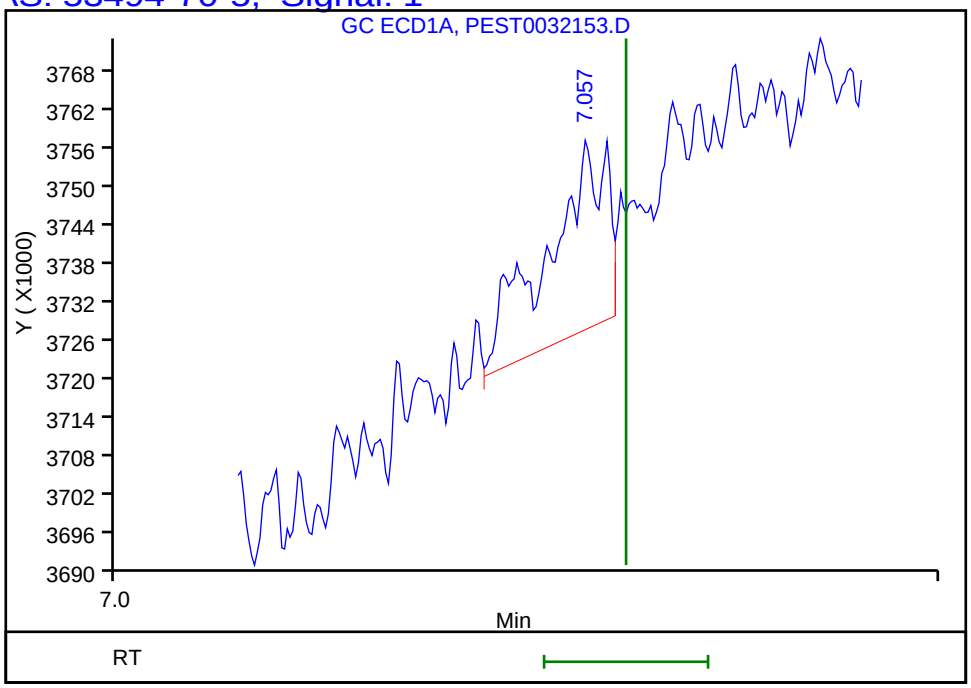
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

13 Endrin ketone, CAS: 53494-70-5, Signal: 1

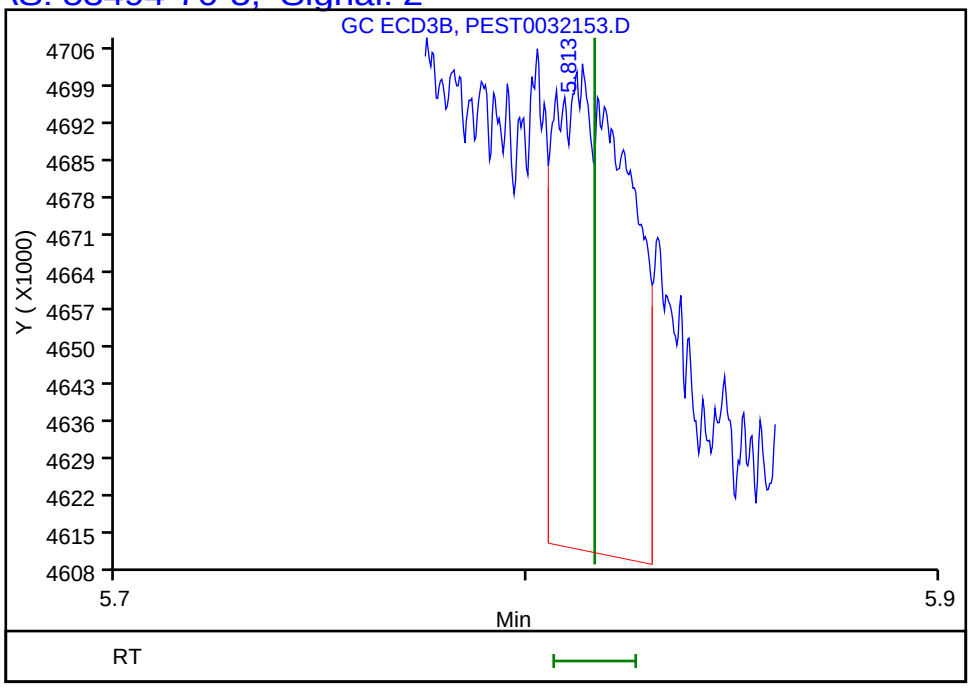
RT: 7.06
Response: 14665
Amount: 0.010982



Column: Detector GC ECD2B

13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.81
Response: 116341
Amount: 0.050909



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

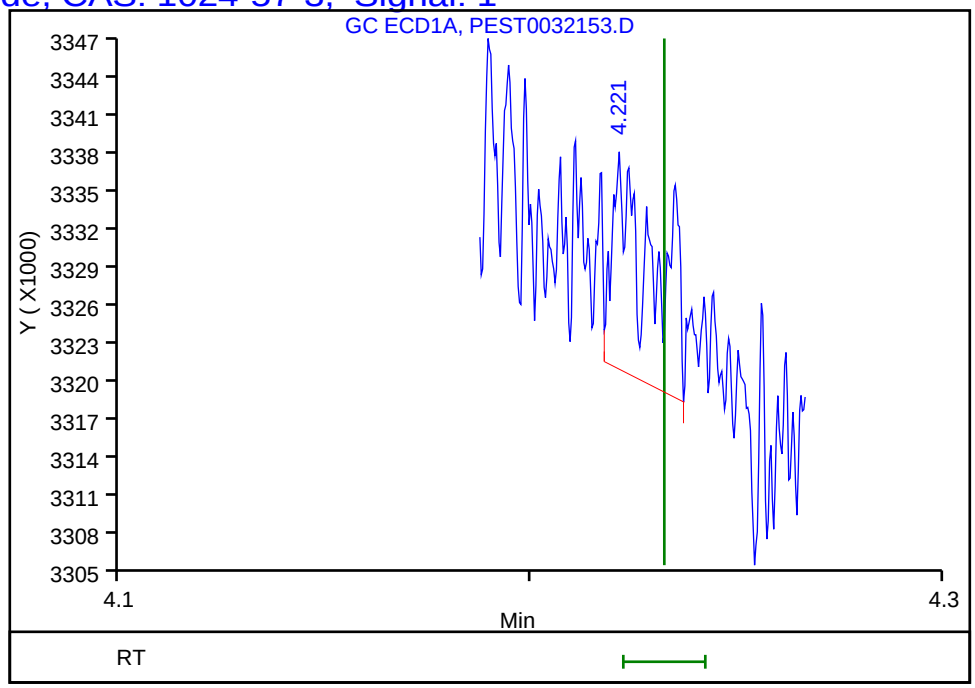
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

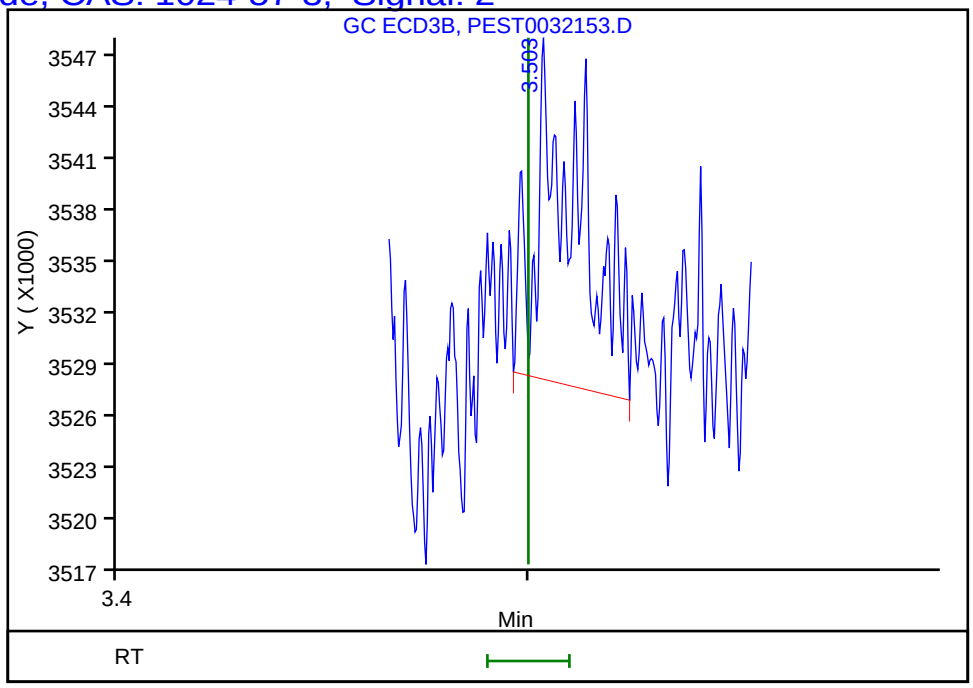
RT: 4.22
Response: 11690
Amount: 0.006861



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.50
Response: 14172
Amount: 0.005219



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

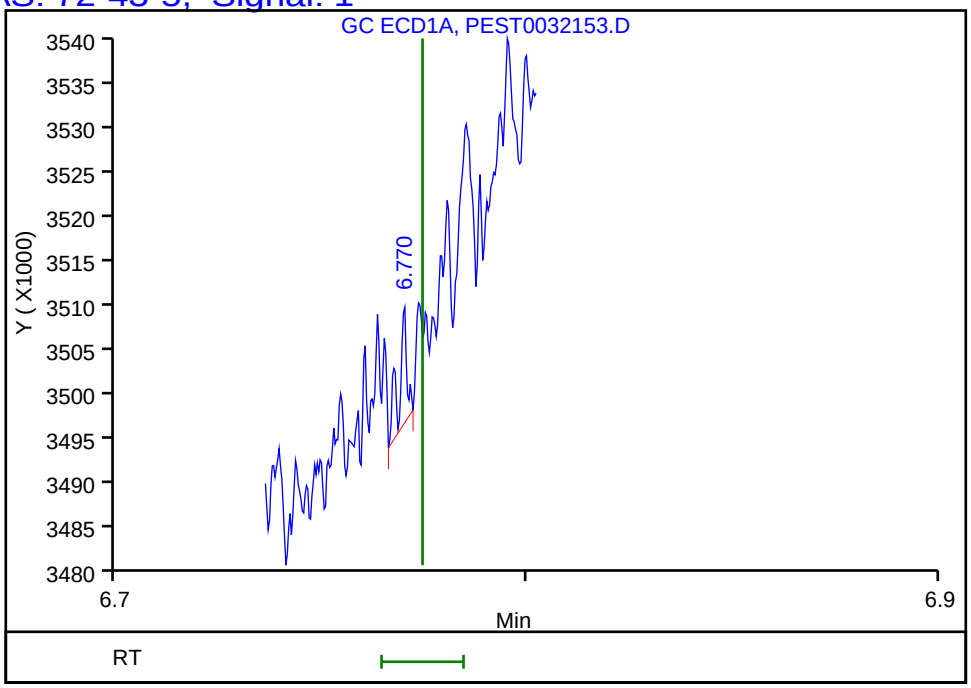
Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211102-136956.b\PEST0032153.D
Injection Date: 02-Nov-2021 03:28:59 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

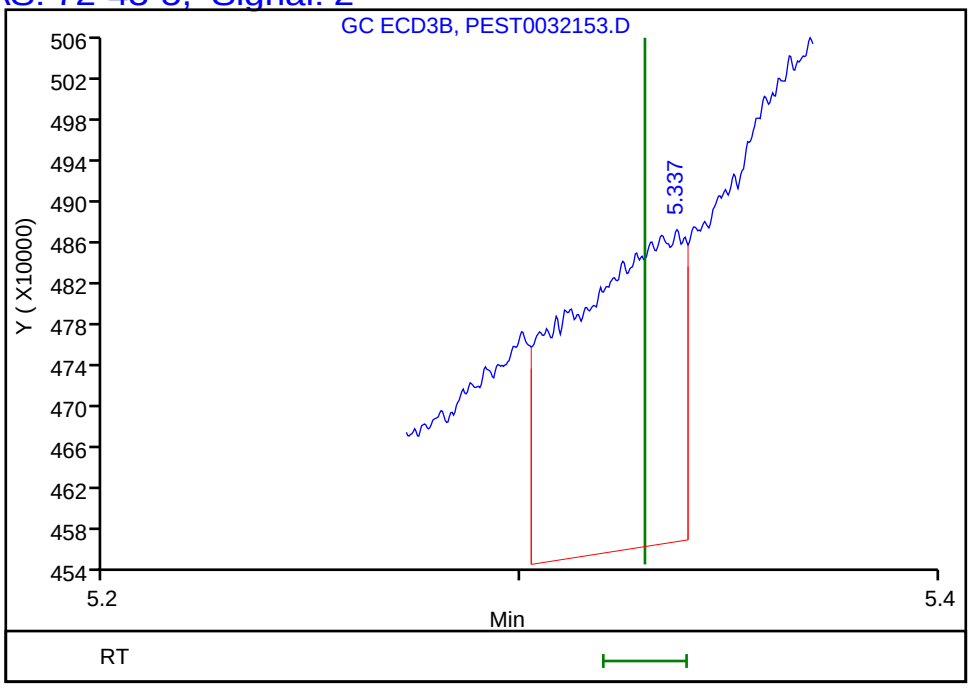
RT: 6.77
Response: 1699
Amount: 0.002151



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.34
Response: 579093
Amount: 0.425768



Reviewer: manlangitf, 02-Nov-2021 03:50:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-246210-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-810508/2-A

Matrix: Solid Lab File ID: PEST0032132.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3546 Date Extracted: 10/31/2021 09:13

Sample wt/vol: 15.00(g) Date Analyzed: 11/01/2021 15:18

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 810665 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*0.130*		*0.0067*	*0.0010*
319-84-6	*alpha-BHC*	*0.134*		*0.0020*	*0.00068*
319-85-7	*beta-BHC*	*0.142*		*0.0020*	*0.00075*
319-86-8	*delta-BHC*	*0.152*		*0.0020*	*0.00041*
58-89-9	*gamma-BHC (Lindane)*	*0.137*		*0.0020*	*0.00062*
72-54-8	*4,4'-DDD*	*0.141*		*0.0067*	*0.0011*
72-55-9	*4,4'-DDE*	*0.131*		*0.0067*	*0.00079*
50-29-3	*4,4'-DDT*	*0.142*		*0.0067*	*0.0012*
60-57-1	*Dieldrin*	*0.135*		*0.0020*	*0.00087*
959-98-8	*Endosulfan I*	*0.132*		*0.0067*	*0.0010*
33213-65-9	*Endosulfan II*	*0.138*		*0.0067*	*0.0017*
1031-07-8	*Endosulfan sulfate*	*0.153*		*0.0067*	*0.00084*
72-20-8	*Endrin*	*0.133*		*0.0067*	*0.00096*
7421-93-4	*Endrin aldehyde*	*0.146*		*0.0067*	*0.0016*
53494-70-5	*Endrin ketone*	*0.179*		*0.0067*	*0.0013*
76-44-8	*Heptachlor*	*0.134*		*0.0067*	*0.00079*
1024-57-3	*Heptachlor epoxide*	*0.131*		*0.0067*	*0.0010*
72-43-5	*Methoxychlor*	*0.133*		*0.0067*	*0.0015*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		10-133
2051-24-3	DCB Decachlorobiphenyl	84		10-150

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032132.D
Lims ID: LCS 460-810508/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Nov-2021 15:18:56 ALS Bottle#: 59 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0136929-007
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Nov-2021 04:02:10 Calib Date: 01-Oct-2021 11:04:40
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20211001-135351.b\PEST0031297.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1619

First Level Reviewer: manlangitf Date: 02-Nov-2021 03:57:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.586	1.584	0.002	146660776	100.0	100.0	
2	1.497	1.497	0.000	205528449	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.098	2.094	0.004	61234258	50.0	34.0	
2	1.852	1.853	-0.001	96692410	50.0	36.2	
						RPD = 6.29	
15 alpha-BHC							
1	2.515	2.509	0.006	484208710	200.0	200.8	
2	2.162	2.162	0.000	736005138	200.0	206.7	
						RPD = 2.92	
2 gamma-BHC (Lindane)							M
1	2.804	2.798	0.006	449028189	200.0	204.8	M
2	2.358	2.358	0.000	690143054	200.0	210.1	
						RPD = 2.52	
6 beta-BHC							M
1	2.862	2.855	0.007	185719175	200.0	212.6	M
2	2.407	2.409	-0.002	267937994	200.0	216.6	
						RPD = 1.90	
32 delta-BHC							
1	3.144	3.137	0.007	426248667	200.0	227.9	
2	2.534	2.534	0.000	656019167	200.0	239.6	
						RPD = 5.02	
18 Heptachlor							
1	3.232	3.225	0.007	411811482	200.0	200.6	
2	2.688	2.688	0.000	652963820	200.0	207.8	
						RPD = 3.52	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.594	3.588	0.006	395077929	200.0	194.8	
2	2.929	2.929	0.000	630177654	200.0	200.9	
						RPD = 3.09	
12 Heptachlor epoxide							
1	4.238	4.231	0.007	355958831	200.0	196.7	
2	3.497	3.498	-0.001	570790183	200.0	195.0	
						RPD = 0.87	
9 trans-Chlordane							
1	4.465	4.458	0.007	362835047	200.0	203.7	
2	3.630	3.631	-0.001	604310941	200.0	206.5	
						RPD = 1.36	
23 cis-Chlordane							M
1	4.647	4.640	0.007	345566905	200.0	197.8	M
2	3.776	3.777	-0.001	572584332	200.0	203.2	M
						RPD = 2.69	
7 Endosulfan I							M
1	4.718	4.711	0.007	330225086	200.0	197.6	M
2	3.929	3.929	0.000	531844158	200.0	196.7	M
						RPD = 0.45	
25 4,4'-DDE							M
1	4.834	4.827	0.007	363300629	200.0	196.0	
2	3.857	3.857	0.000	602955359	200.0	199.3	M
						RPD = 1.70	
30 Dieldrin							
1	5.008	5.002	0.006	382335487	200.0	203.2	
2	4.181	4.181	0.000	602875062	200.0	201.6	
						RPD = 0.78	
20 Endrin							
1	5.299	5.294	0.005	353053850	200.0	198.8	
2	4.445	4.444	0.001	550694999	200.0	198.8	
						RPD = 0.03	
16 4,4'-DDD							
1	5.410	5.404	0.006	325097015	200.0	211.5	
2	4.530	4.530	0.000	503313456	200.0	206.1	
						RPD = 2.55	
11 Endosulfan II							
1	5.499	5.494	0.005	329950703	200.0	207.1	
2	4.709	4.708	0.001	501586302	200.0	196.1	
						RPD = 5.42	
21 4,4'-DDT							
1	5.744	5.738	0.006	311916153	200.0	213.4	
2	4.848	4.847	0.001	524957153	200.0	207.4	
						RPD = 2.87	
5 Endrin aldehyde							
1	5.871	5.865	0.006	276175962	200.0	219.5	
2	5.130	5.129	0.001	421740709	200.0	195.3	
						RPD = 11.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.238	6.232	0.006	325626787	200.0	229.7	
2	5.532	5.530	0.002	513029525	200.0	203.9	
						RPD = 11.91	
10 Methoxychlor							
1	6.781	6.772	0.009	167772455	200.0	200.0	
2	5.328	5.328	0.000	257289871	200.0	175.5	
						RPD = 13.06	
34 Mirex							
1	6.985	6.977	0.008	218014991	200.0	179.8	
2	5.407	5.406	0.001	330247396	200.0	156.2	
						RPD = 14.02	
13 Endrin ketone							
1	7.068	7.063	0.005	379768874	200.0	267.8	
2	5.816	5.816	0.000	578981783	200.0	235.0	
						RPD = 13.03	
$ 24 DCB Decachlorobiphenyl							
1	8.325	8.322	0.003	56085793	50.0	42.0	
2	7.353	7.353	0.000	94351396	50.0	33.3	
						RPD = 23.27	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPESTISTD_00017 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Nov-2021 04:02:58 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032132.D

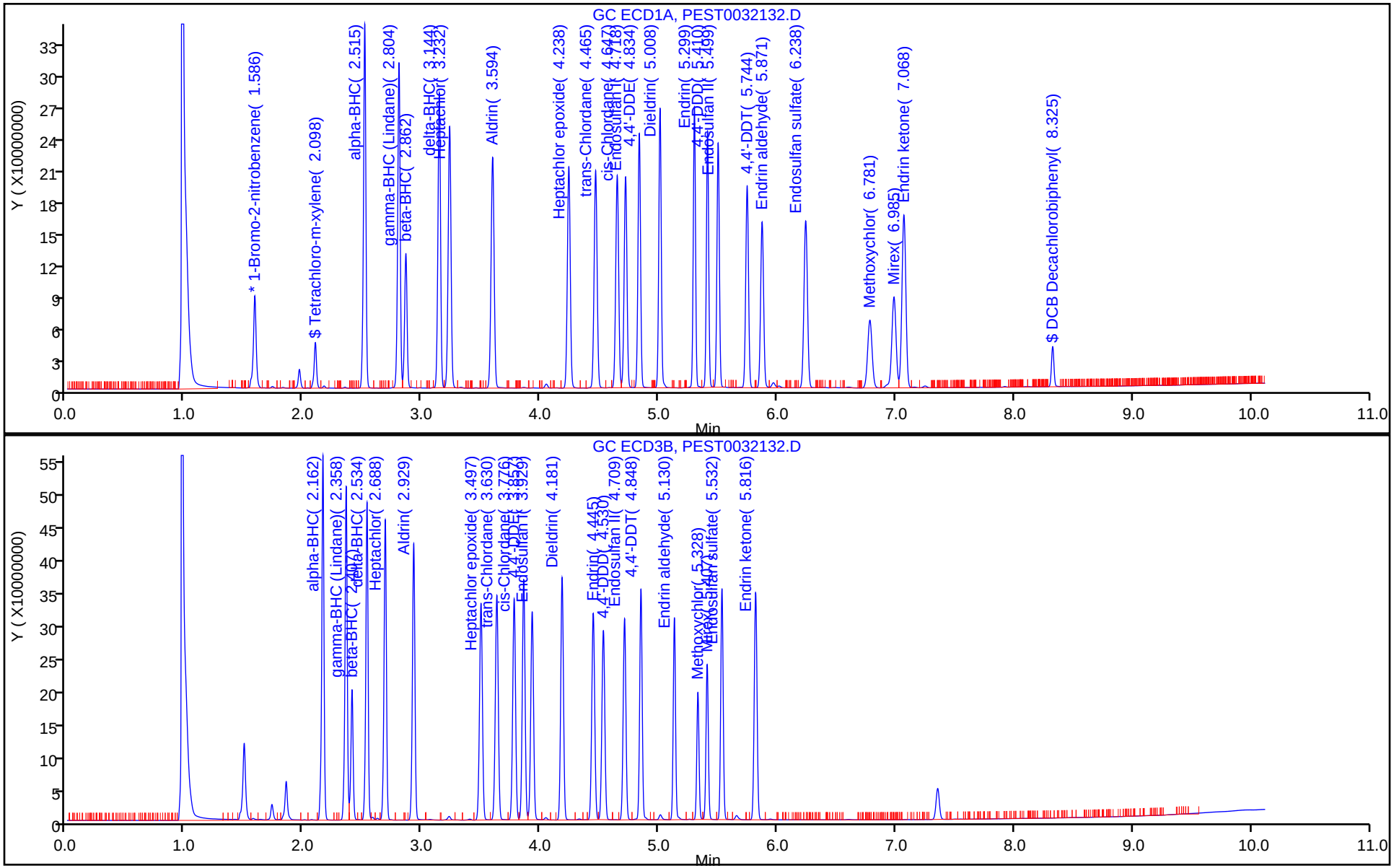
Injection Date: 01-Nov-2021 15:18:56 Instrument ID: CPESTGC12 Operator ID:

Lims ID: LCS 460-810508/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 59

Method: GC8081 Limit Group: GC 8081B PEST ISTD



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

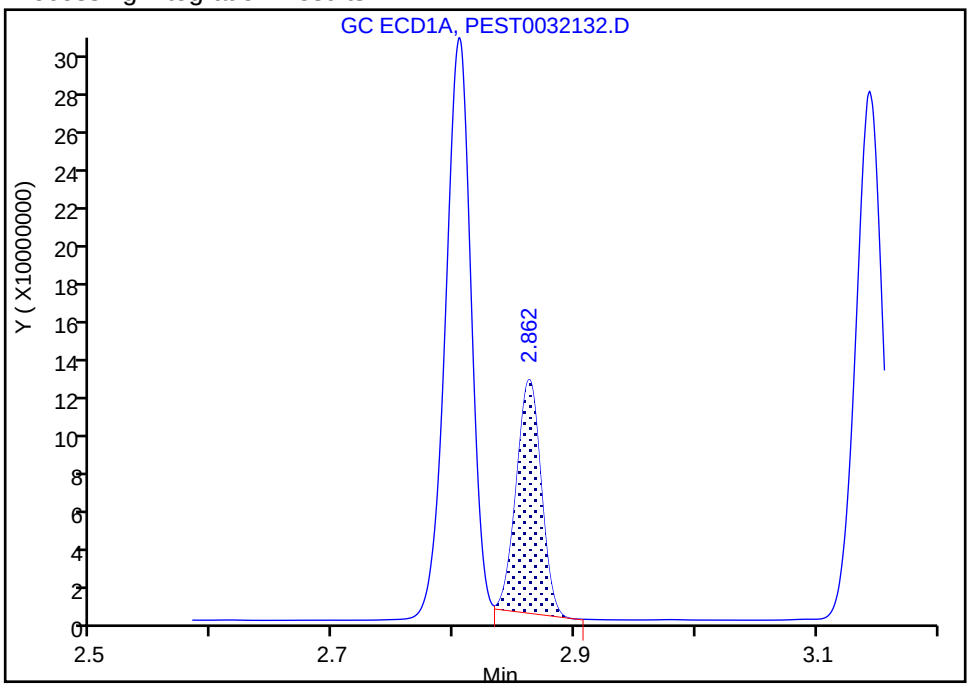
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032132.D
Injection Date: 01-Nov-2021 15:18:56 Instrument ID: CPESTGC12
Lims ID: LCS 460-810508/2-A
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

6 beta-BHC, CAS: 319-85-7

Signal: 1

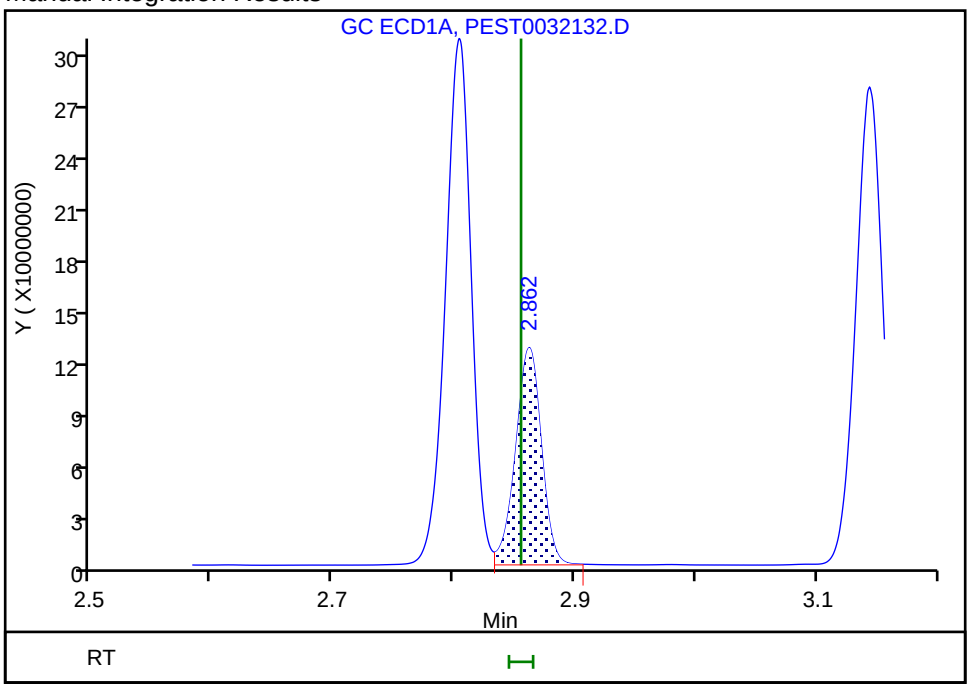
Processing Integration Results

RT: 2.86
Area: 173134823
Amount: 198.1593
Amount Units: ug/l



Manual Integration Results

RT: 2.86
Area: 185719175
Amount: 212.5626
Amount Units: ug/l



Reviewer: manlangitf, 02-Nov-2021 03:57:30
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

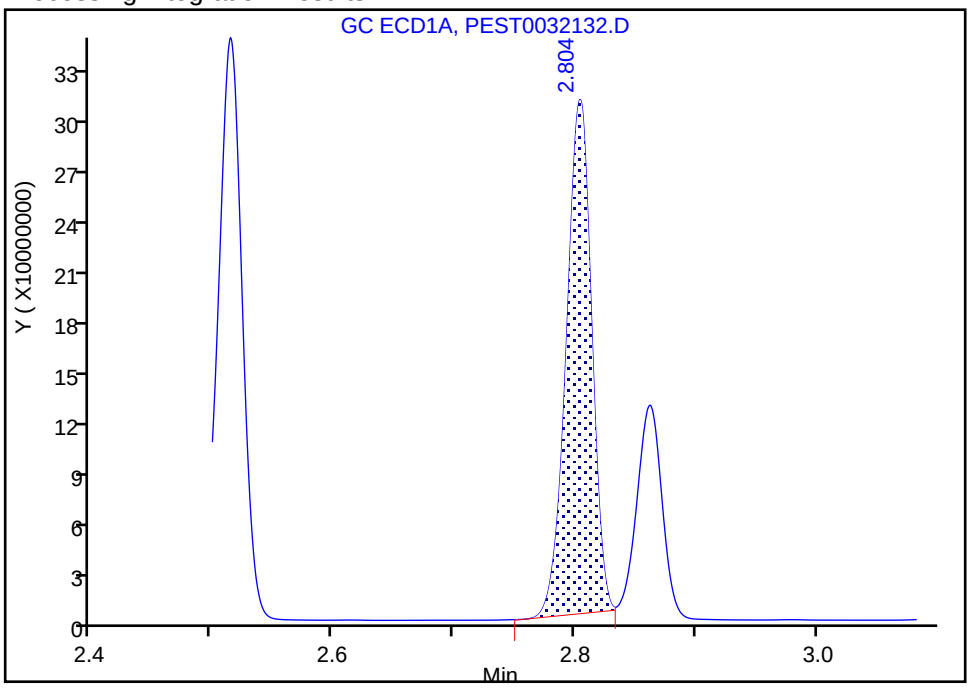
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032132.D
Injection Date: 01-Nov-2021 15:18:56 Instrument ID: CPESTGC12
Lims ID: LCS 460-810508/2-A
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

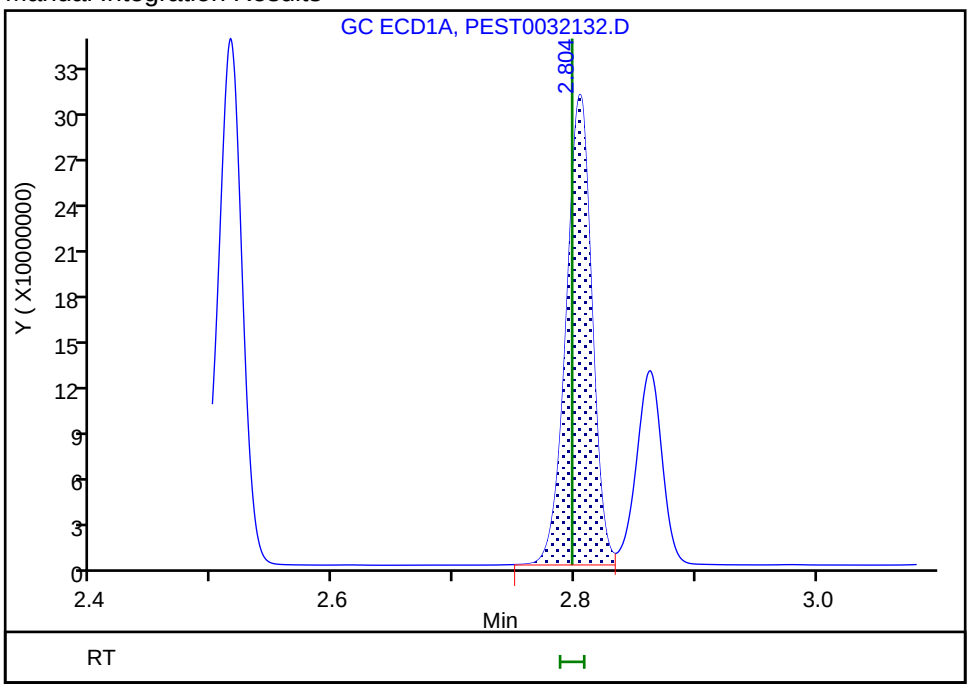
Processing Integration Results

RT: 2.80
Area: 434856254
Amount: 198.3551
Amount Units: ug/l



Manual Integration Results

RT: 2.80
Area: 449028189
Amount: 204.8195
Amount Units: ug/l



Reviewer: manlangitf, 02-Nov-2021 03:57:30
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

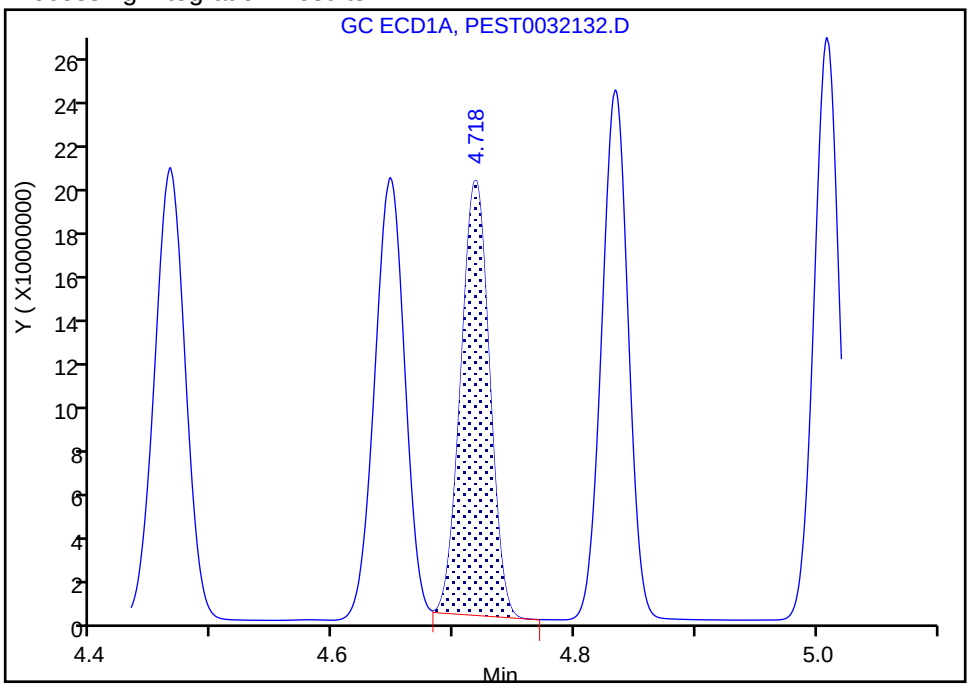
Data File:	\\chromfs\Edison\ChromData\CPESTGC12\20211101-136929.b\PEST0032132.D				
Injection Date:	01-Nov-2021 15:18:56	Instrument ID:	CPESTGC12		
Lims ID:	LCS 460-810508/2-A				
Client ID:					
Operator ID:		ALS Bottle#:	59	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	GC8081	Limit Group:	GC 8081B PEST ISTD		
Column:		Detector	GC ECD1A		

7 Endosulfan I, CAS: 959-98-8

Signal: 1

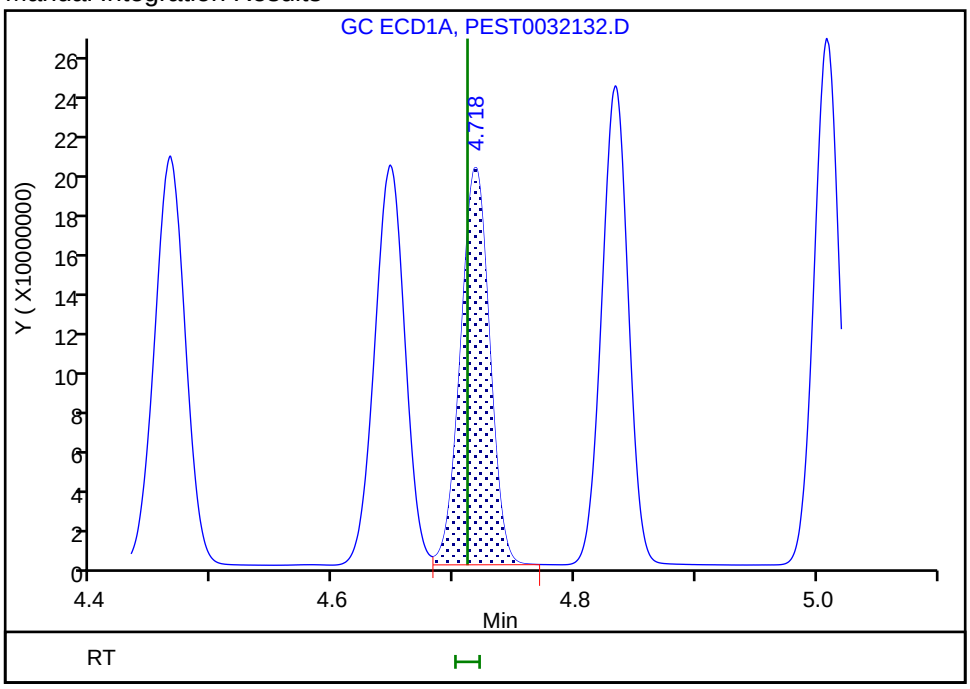
Processing Integration Results

RT: 4.72
Area: 321494030
Amount: 192.3362
Amount Units: ug/l



Manual Integration Results

RT: 4.72
Area: 330225086
Amount: 197.5596
Amount Units: ug/l



Reviewer: manlangitf, 02-Nov-2021 03:57:26

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated