

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
 Data File : BM043672.D
 Acq On : 29 Dec 2023 12:34
 Operator : MA/JU
 Sample : 05920-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF56DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.910	119	123	126	rVB4	8086	9891	0.28%	0.039%
2	4.110	154	157	162	rVB	12463	18528	0.52%	0.073%
3	5.046	313	316	319	rVB2	7538	7223	0.20%	0.028%
4	5.651	417	419	423	rVB5	4010	5399	0.15%	0.021%
5	5.928	464	466	473	rBV8	4362	7062	0.20%	0.028%
6	6.028	477	483	484	rBV6	3327	5556	0.16%	0.022%
7	6.616	578	583	585	rBV6	3283	5165	0.14%	0.020%
8	6.951	634	640	641	rBV5	5748	10986	0.31%	0.043%
9	7.122	662	669	672	rBV2	51940	97278	2.72%	0.381%
10	7.245	686	690	693	rBV5	5184	6504	0.18%	0.025%
11	7.298	693	699	710	rVV	90567	153831	4.30%	0.603%
12	7.487	723	731	741	rVB	93702	160883	4.50%	0.630%
13	7.957	803	811	819	rBV	808622	1300616	36.36%	5.094%
14	8.034	819	824	826	rVV5	6580	10947	0.31%	0.043%
15	8.175	844	848	850	rVB5	3596	4011	0.11%	0.016%
16	8.428	889	891	894	rBV4	2979	3715	0.10%	0.015%
17	8.669	925	932	940	rBV	85727	158082	4.42%	0.619%
18	8.798	947	954	968	rBV	157565	282873	7.91%	1.108%
19	8.916	970	974	979	rBV2	10339	16469	0.46%	0.065%
20	9.134	1005	1011	1019	rBV	113005	190042	5.31%	0.744%
21	9.222	1023	1026	1029	rBV4	3329	4459	0.12%	0.017%
22	9.510	1070	1075	1079	rVB7	3577	4995	0.14%	0.020%
23	9.851	1127	1133	1145	rBV	85244	153424	4.29%	0.601%
24	9.992	1150	1157	1166	rVV2	23448	56864	1.59%	0.223%
25	10.086	1169	1173	1178	rVV7	4383	9840	0.28%	0.039%
26	10.181	1186	1189	1190	rBV3	3802	3676	0.10%	0.014%
27	10.222	1190	1196	1204	rVB2	16011	34348	0.96%	0.135%
28	10.392	1219	1225	1233	rBV	66495	121267	3.39%	0.475%
29	10.769	1279	1289	1299	rBV	1113758	1933855	54.07%	7.574%
30	10.922	1310	1315	1324	rVB8	9257	23747	0.66%	0.093%
31	11.316	1377	1382	1387	rBV6	10672	18960	0.53%	0.074%
32	11.533	1414	1419	1421	rBV6	5200	7672	0.21%	0.030%
33	11.569	1421	1425	1427	rBV4	9181	12865	0.36%	0.050%
34	11.810	1463	1466	1469	rVB5	3502	4173	0.12%	0.016%
35	12.145	1517	1523	1528	rBV4	9947	19886	0.56%	0.078%
36	12.186	1528	1530	1533	rVB3	4363	3903	0.11%	0.015%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
 Data File : BM043672.D
 Acq On : 29 Dec 2023 12:34
 Operator : MA/JU
 Sample : 05920-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF56DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Title : SVOA CALIBRATION

37	12.316	1548	1552	1553	rBV4	4434	4173	0.12%	0.016%
38	12.351	1557	1558	1562	rVB4	4764	4755	0.13%	0.019%
39	12.433	1568	1572	1574	rBV5	3387	5018	0.14%	0.020%
40	12.545	1588	1591	1592	rBV3	4425	5171	0.14%	0.020%

41	12.563	1592	1594	1597	rVB4	3620	4503	0.13%	0.018%
42	12.775	1628	1630	1632	rBV3	4551	4506	0.13%	0.018%
43	12.827	1634	1639	1645	rVV2	25665	41262	1.15%	0.162%
44	12.957	1657	1661	1663	rBV4	3401	3621	0.10%	0.014%
45	13.004	1666	1669	1672	rBV3	4135	6172	0.17%	0.024%

46	13.180	1696	1699	1701	rBV4	4934	6774	0.19%	0.027%
47	13.274	1711	1715	1719	rVB6	3705	4784	0.13%	0.019%
48	13.327	1719	1724	1726	rBV5	3101	4874	0.14%	0.019%
49	13.416	1737	1739	1745	rVB7	4696	7248	0.20%	0.028%
50	13.498	1745	1753	1758	rBV	30399	57399	1.60%	0.225%

51	13.610	1768	1772	1774	rVV4	3204	5100	0.14%	0.020%
52	13.733	1788	1793	1798	rBV8	5813	11080	0.31%	0.043%
53	13.857	1810	1814	1821	rBV8	22304	40674	1.14%	0.159%
54	13.921	1821	1825	1826	rVV4	6810	7815	0.22%	0.031%
55	14.016	1834	1841	1846	rBV	224053	335420	9.38%	1.314%

56	14.057	1846	1848	1854	rVB5	13944	21704	0.61%	0.085%
57	14.245	1876	1880	1882	rBV4	6212	9088	0.25%	0.036%
58	14.292	1882	1888	1900	rVV	122442	207876	5.81%	0.814%
59	14.410	1904	1908	1913	rVB7	10483	17968	0.50%	0.070%
60	14.486	1915	1921	1926	rBV6	23673	42784	1.20%	0.168%

61	14.592	1933	1939	1958	rBV	1512071	2311643	64.63%	9.054%
62	14.810	1970	1976	1984	rBV4	36690	83573	2.34%	0.327%
63	14.968	2000	2003	2007	rBV6	8547	13844	0.39%	0.054%
64	15.139	2027	2032	2035	rBV5	28943	45377	1.27%	0.178%
65	15.186	2035	2040	2041	rVV4	19834	27603	0.77%	0.108%

66	15.221	2041	2046	2052	rVB2	49981	91286	2.55%	0.358%
67	15.416	2077	2079	2085	rBV7	5681	10477	0.29%	0.041%
68	15.586	2102	2108	2120	rBV	317862	475648	13.30%	1.863%
69	15.710	2123	2129	2135	rBV4	78787	135728	3.79%	0.532%
70	16.986	2340	2346	2358	rBV	2376661	3576660	100.00%	14.009%

71	17.110	2363	2367	2371	rVV4	65867	101744	2.84%	0.399%
72	17.339	2401	2406	2411	rBV	1794545	2613541	73.07%	10.236%
73	17.386	2411	2414	2418	rVB	96193	113430	3.17%	0.444%
74	17.439	2419	2423	2428	rBV2	184394	261106	7.30%	1.023%
75	18.239	2555	2559	2570	rBV2	187601	336784	9.42%	1.319%

76	21.239	3067	3069	3073	rBV	113544	118896	3.32%	0.466%
----	--------	------	------	------	-----	--------	--------	-------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

77	21.333	3080	3085	3089	rBV3	384073	816088	22.82%	3.196%
78	21.521	3112	3117	3128	rVB2	2063766	2768477	77.40%	10.843%
79	23.227	3403	3407	3411	rBV	304367	461688	12.91%	1.808%
80	23.274	3411	3415	3423	rVB	295291	490285	13.71%	1.920%
81	23.933	3521	3527	3537	rVB	1460116	2912689	81.44%	11.408%
82	24.609	3637	3642	3651	rVB	551438	1158851	32.40%	4.539%
83	25.632	3810	3816	3826	rVB2	347769	877424	24.53%	3.437%

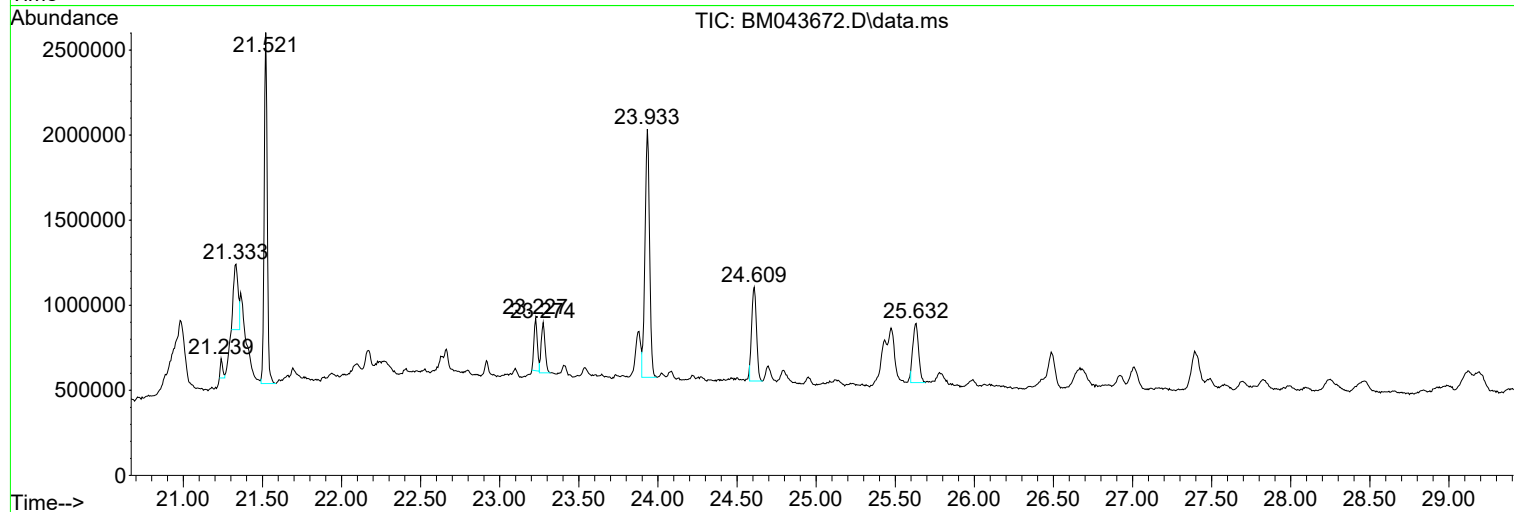
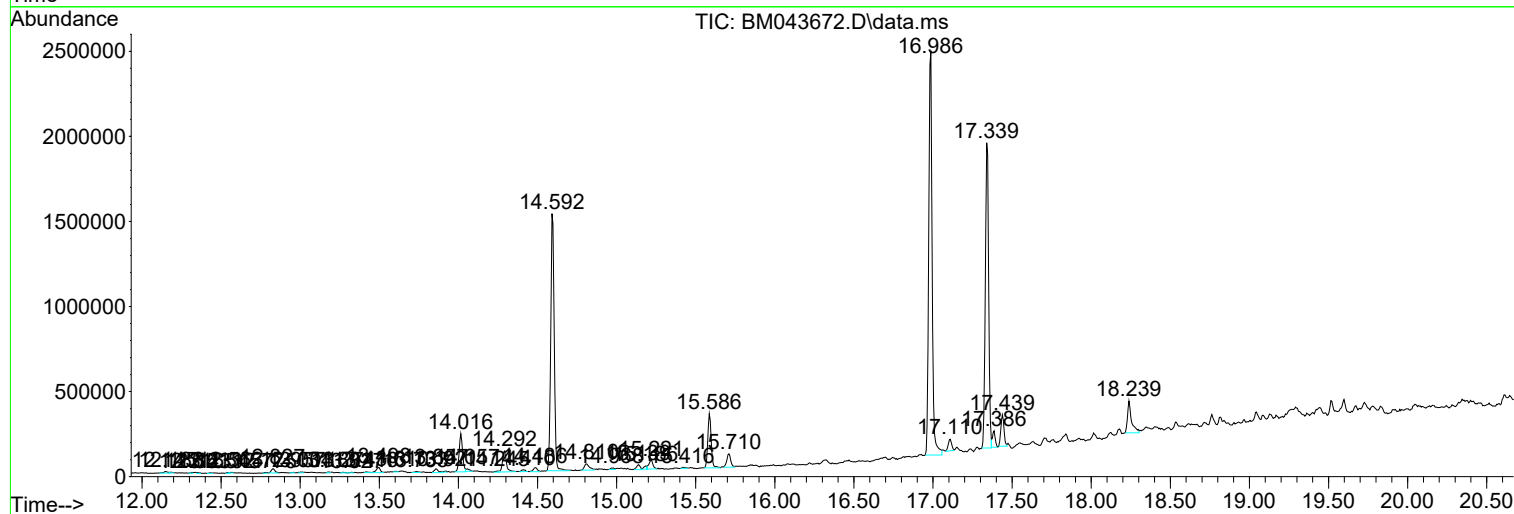
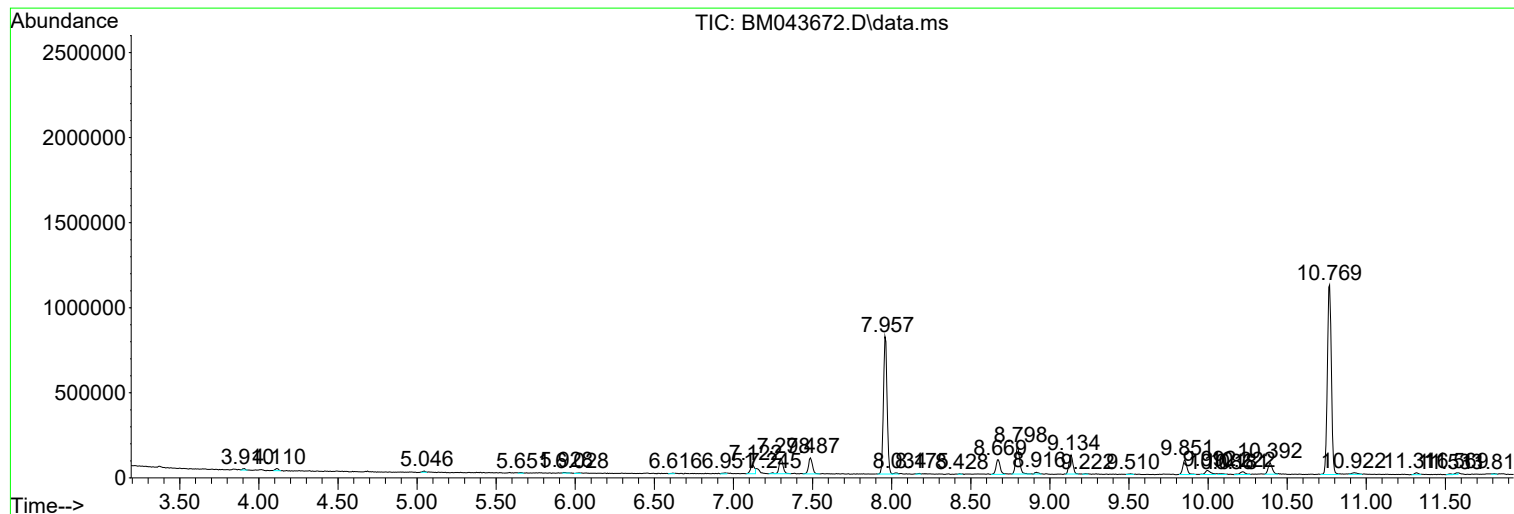
Sum of corrected areas: 25531606

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

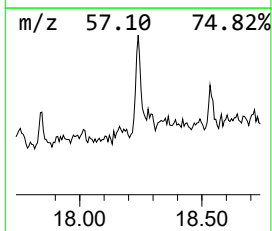
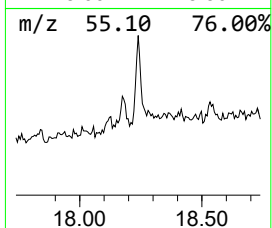
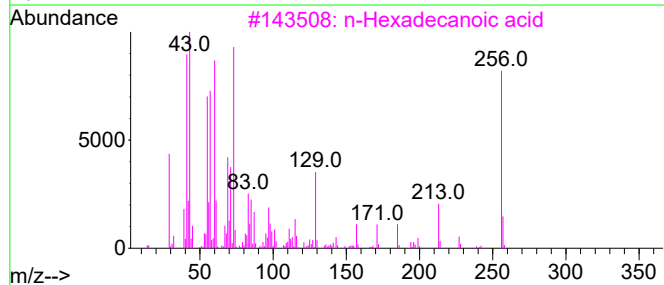
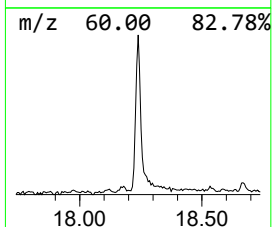
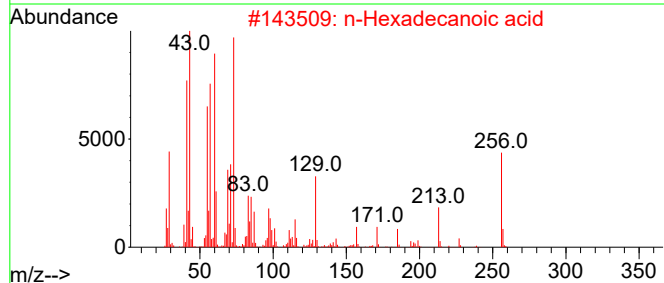
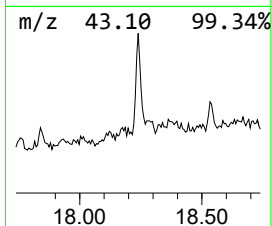
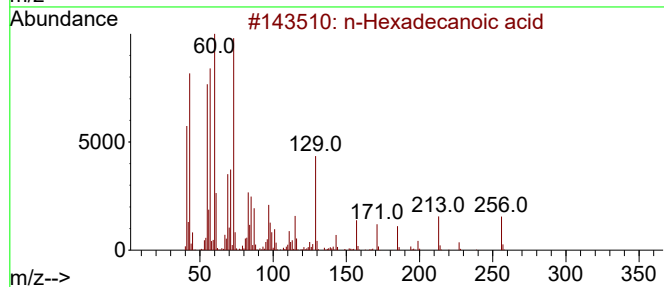
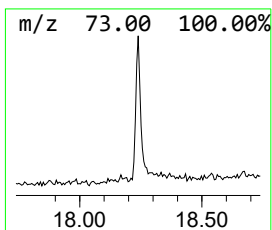
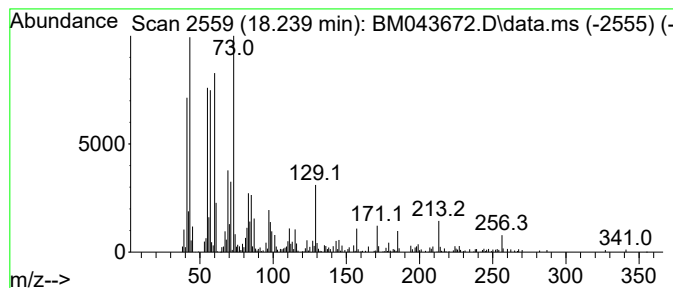
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	2.58 ng/ul	336784	Phenanthrene-d10	17.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96		
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

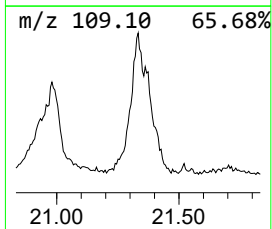
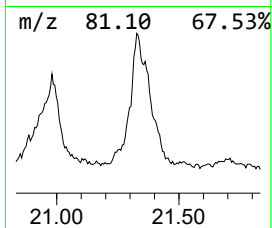
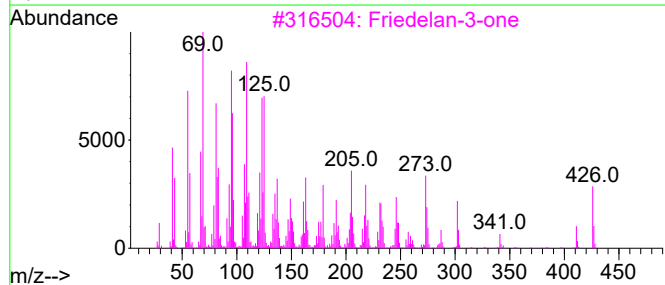
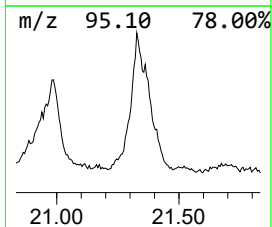
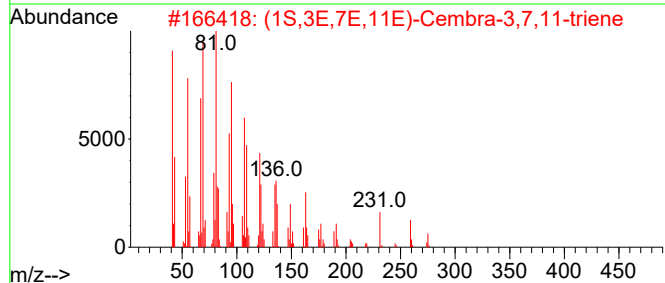
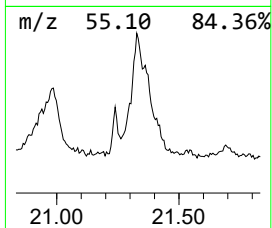
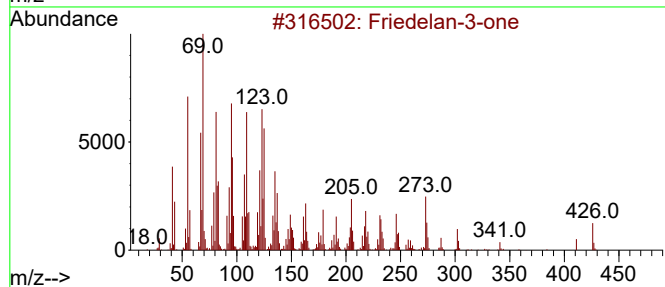
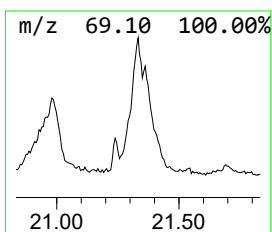
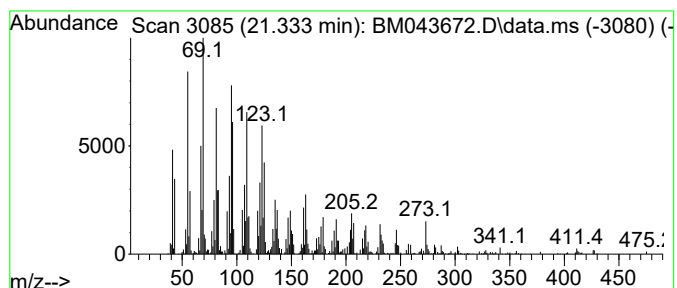
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (1S,3E,7E,11E)-Cembra-3,7,11... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.333	5.90 ng/ul	816088	Chrysene-d12	21.521

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Friedelan-3-one	426	C30H50O	000559-74-0	90
2			(1S,3E,7E,11E)-Cembra-3,7,11-triene	274	C20H34	1000432-97-5	58
3			Friedelan-3-one	426	C30H50O	000559-74-0	50
4			Cedrol	222	C15H26O	000077-53-2	46
5			(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

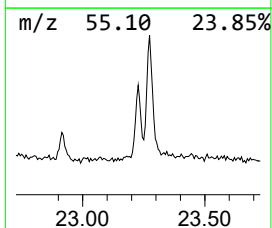
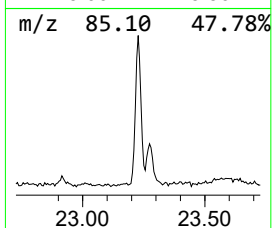
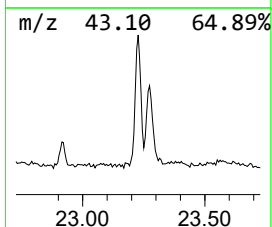
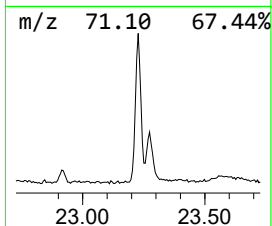
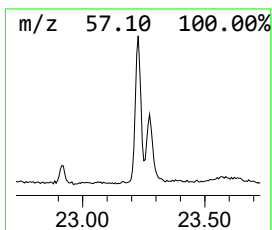
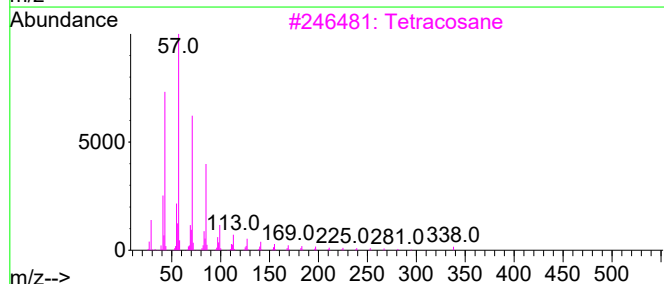
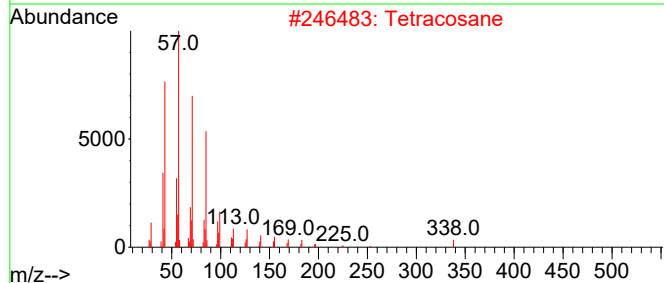
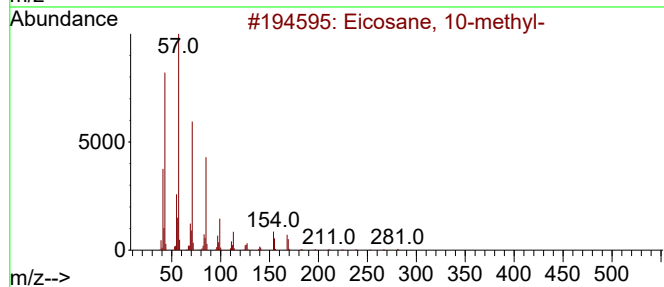
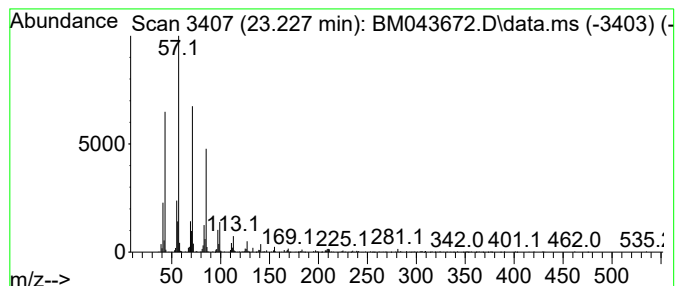
Instrument :
BNA_M
ClientSampleId :
GCF56DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
23.227	3.17 ng/ul	461688	Perylene-d12		23.933	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
2	Tetracosane		338	C24H50	000646-31-1	87
3	Tetracosane		338	C24H50	000646-31-1	87
4	Heneicosane		296	C21H44	000629-94-7	87
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

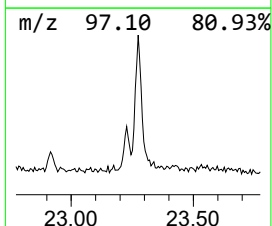
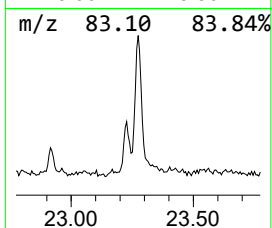
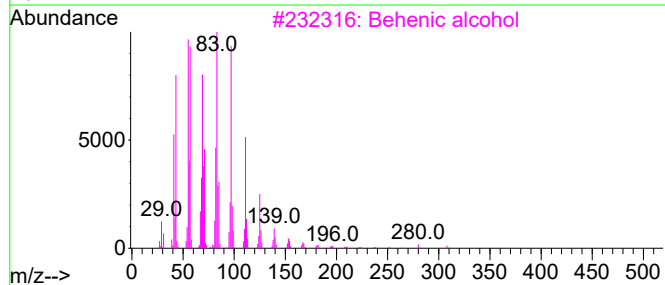
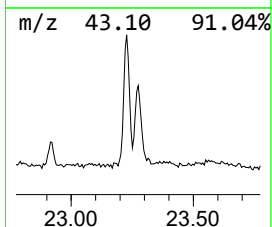
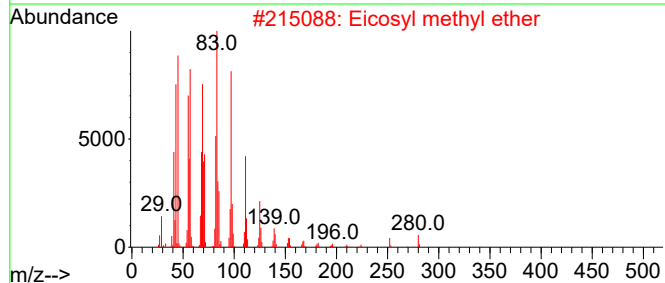
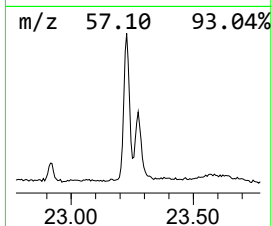
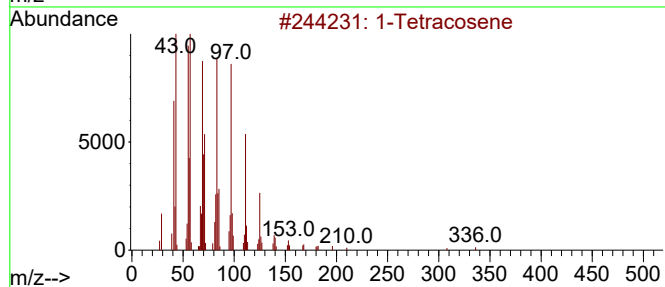
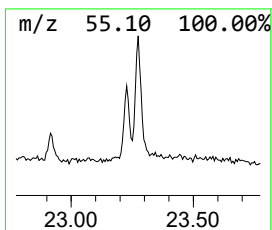
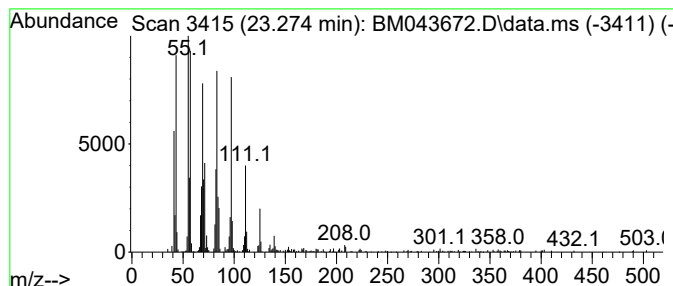
Instrument :
BNA_M
ClientSampleId :
GCF56DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.274	3.37 ng/ul	490285	Perylene-d12	23.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	Eicosyl methyl ether	312	C21H44O	1000406-29-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	93
5	Cyclotetracosane	336	C24H48	000297-03-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

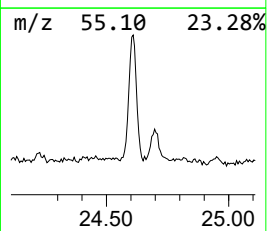
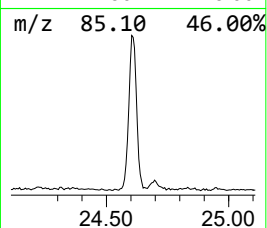
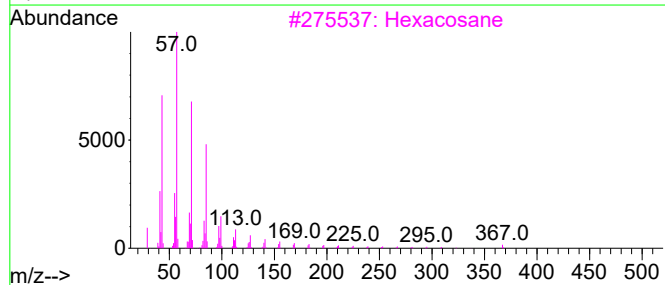
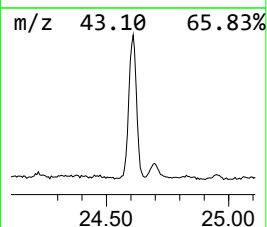
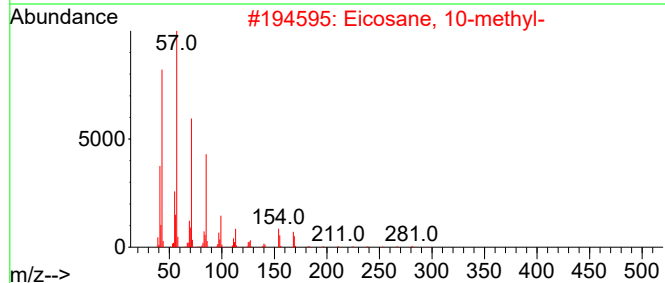
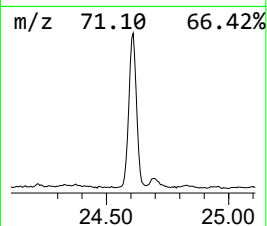
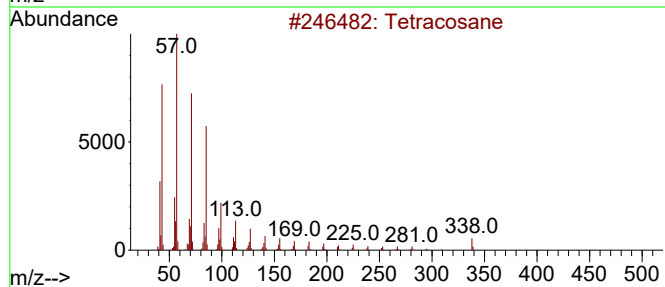
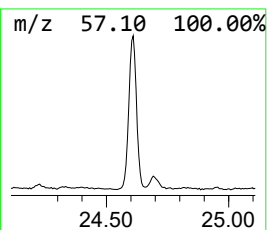
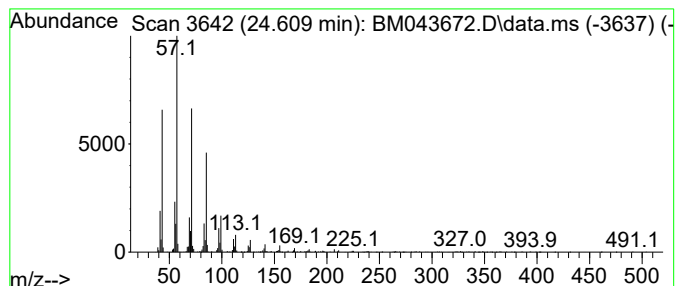
Instrument :
BNA_M
ClientSampleId :
GCF56DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
24.609	7.96 ng/ul	1158850	Perylene-d12		23.933	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	97
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
3	Hexacosane		366	C26H54	000630-01-3	91
4	Octacosane		394	C28H58	000630-02-4	91
5	2-Methylpentacosane		366	C26H54	000629-87-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

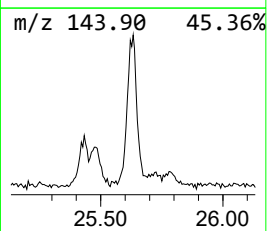
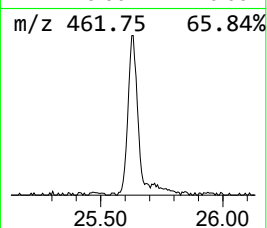
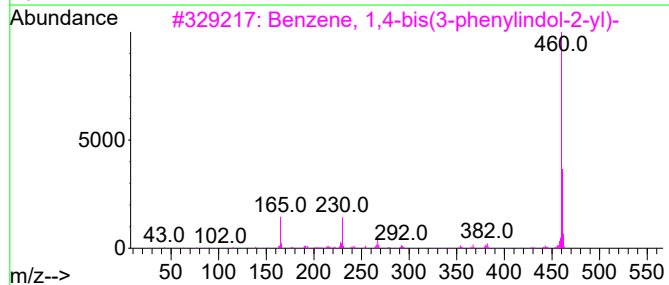
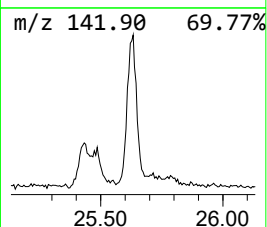
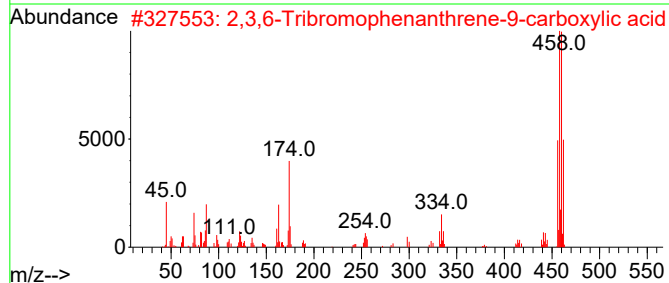
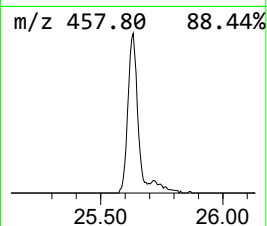
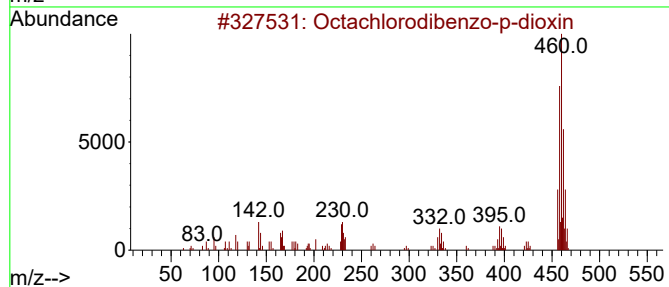
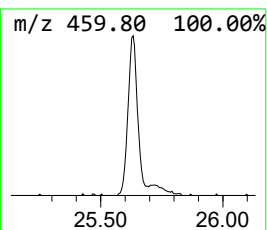
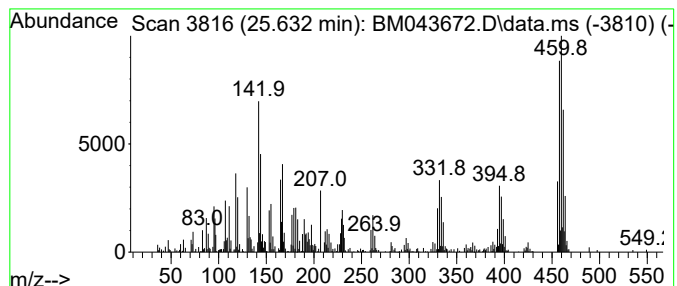
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octachlorodibenzo-p-dioxin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.633	6.02 ng/ul	877424	Perylene-d12	23.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	87
2			2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	40
3			Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	14
4			Flavone, 2',5,5',6-tetrahydroxy-...	544	C26H24O13	034318-39-3	10
5			1,1':4',1'':4'',1''':4''',1''''':...	458	C36H26	004499-83-6	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043672.D
Acq On : 29 Dec 2023 12:34
Operator : MA/JU
Sample : 05920-03DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF56DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.239	2.6	ng/ul	336784	4	17.339	2613540	20.0
(1S,3E,7E,11E)-...	21.333	5.9	ng/ul	816088	5	21.521	2768480	20.0
(DEL) Alkane: S...	23.227	3.2	ng/ul	461688	6	23.933	2912690	20.0
(DEL) Alkane: S...	23.274	3.4	ng/ul	490285	6	23.933	2912690	20.0
(DEL) Alkane: S...	24.609	8.0	ng/ul	1158850	6	23.933	2912690	20.0
Octachlorodiben...	25.633	6.0	ng/ul	877424	6	23.933	2912690	20.0