LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012231.D
Acq On : 21 Oct 2022 01:05
Operator : CG/JU
Sample : N5103-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BB1

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_P\Methods\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

Signal : TIC: BP012231.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.258	42	46	56	rVB	75507	105128	1.06%	0.106%
2	3.552	93	96	103	rBV	14292	23031	0.23%	0.023%
3	3.687	116	119	135	rBV	312070	496772	5.02%	0.501%
4	3.899	150	155	161	rBV	36779	57525	0.58%	0.058%
5	3.999	168	172	178	rVB	32298	42902	0.43%	0.043%
6	4.375	232	236	241	rVB4	10209	16481	0.17%	0.017%
7	4.934	325	331	342	rVB3	13241	36681	0.37%	0.037%
8	6.940	667	672	675	rBV	12270	16495	0.17%	0.017%
9	6.993	675	681	694	rVB	316482	543285	5.48%	0.548%
10	7.157	702	709	724	rBV	1372083	2196548	22.17%	2.215%
11	7.352	735	742	753	rBV	1241256	1996536	20.16%	2.013%
12	7.822	814	822	830	rBV	1467490	2364458	23.87%	2.384%
13	8.534	936	943	960	rBV	952794	1631320	16.47%	1.645%
14	8.993	1013	1021	1039	rBV	1555295	2681549	27.07%	2.704%
15	9.151	1044	1048	1057	rVB3	21075	38234	0.39%	0.039%
16	9.381	1081	1087	1094	rVB	74318	117673	1.19%	0.119%
17	9.710	1135	1143	1159	rBV	1265049	2148882	21.69%	2.167%
18	10.251	1226	1235	1255	rBV	1827038	3268314	32.99%	3.295%
19	10.451	1266	1269	1279	rVB9	9274	20846	0.21%	0.021%
20	10.628	1290	1299	1312	rBV	2192892	3655561	36.90%	3.686%
21	10.775	1315	1324	1339	rBV	984844	1842694	18.60%	1.858%
22	11.440	1432	1437	1446	rBV10	8295	21841	0.22%	0.022%
23	11.551	1451	1456	1461	rBV9	5723	11736	0.12%	0.012%
24	11.881	1505	1512	1518	rBV2	50921	79577	0.80%	0.080%
25	12.051	1536	1541	1546	rVB6	8962	13354	0.13%	0.013%
26	12.222	1565	1570	1578	rVB2	32490	58306	0.59%	0.059%
27	13.081	1712	1716	1722	rVB9	5691	10956	0.11%	0.011%
28	13.287	1744	1751	1759	rVV2	37069	60841	0.61%	0.061%
29	13.369	1759	1765	1770	rVV7	6750	12021	0.12%	0.012%
30	13.445	1775	1778	1783	rVB5	8332	13764	0.14%	0.014%
31	13.887	1844	1853	1867	rBV	3874305	5493584	55.46%	5.539%
32	14.169	1888	1901	1918	rBV	4349839	6732575	67.97%	6.788%
33	14.292	1920	1922	1928	rVV7	7963	13511	0.14%	0.014%
34	14.363	1930	1934	1939	rVB2	17830	23437	0.24%	0.024%
35	14.475	1946	1953	1962	rBV	3316943	5000025	50.48%	5.041%
36	14.692	1984	1990	1995	rBV	180171	359558	3.63%	0.363%

LSC Area Percent Report

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Acq On : 21 Oct 2022 01:05
Operator : CG/JU
Sample : N5103-09
Misc :
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Instrument :
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ClientSampleId :
C0BB1

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_P\Methods\SFAM-EPA-BP101922.M
Title : SVOA CALIBRATION

37	14.751	1995	2000	2012	rVB	323183	538149	5.43%	0.543%
38	14.904	2020	2026	2034	rVB2	90688	149603	1.51%	0.151%
39	14.981	2036	2039	2045	rVB8	7732	12504	0.13%	0.013%
40	15.263	2083	2087	2091	rBV7	8886	18194	0.18%	0.018%
41	15.322	2094	2097	2102	rVB3	12259	16610	0.17%	0.017%
42	15.469	2115	2122	2135	rBV	5841672	8520912	86.02%	8.591%
43	15.598	2138	2144	2155	rVV	1651293	2282110	23.04%	2.301%
44	15.710	2159	2163	2173	rVB4	33693	72658	0.73%	0.073%
45	16.210	2244	2248	2253	rVB	40830	55358	0.56%	0.056%
46	17.033	2386	2388	2393	rVB	52523	64242	0.65%	0.065%
47	17.233	2416	2422	2429	rBV	3947009	5742402	57.97%	5.790%
48	17.333	2433	2439	2451	rVV2	6386884	9291015	93.80%	9.368%
49	18.116	2569	2572	2582	rBV	361646	597085	6.03%	0.602%
50	19.033	2725	2728	2735	rVB2	242556	277498	2.80%	0.280%
51	19.216	2755	2759	2760	rBV	349571	386127	3.90%	0.389%
52	19.239	2760	2763	2776	rVV	768613	1315710	13.28%	1.327%
53	19.357	2779	2783	2791	rVV	340768	558205	5.64%	0.563%
54	19.574	2814	2820	2828	rBV	7087120	9905539	100.00%	9.987%
55	21.327	3113	3118	3127	rVB	3630115	4877854	49.24%	4.918%
56	23.574	3493	3500	3514	rVB2	4085948	8635980	87.18%	8.707%
57	23.727	3520	3526	3541	rVB2	2267376	4655895	47.00%	4.694%

Sum of corrected areas: 99179651

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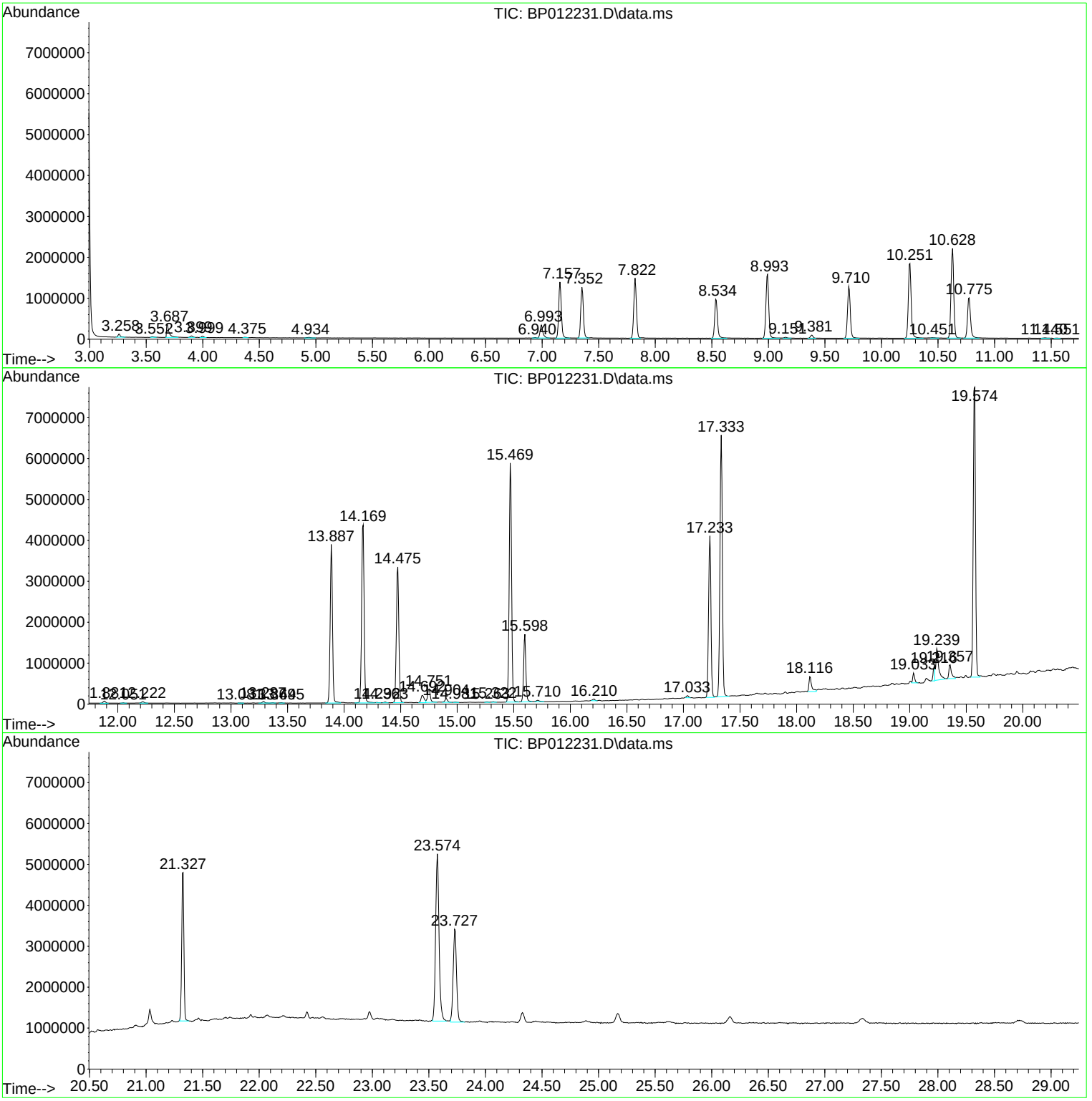
BNA_P
ClientSampleId :
C0BB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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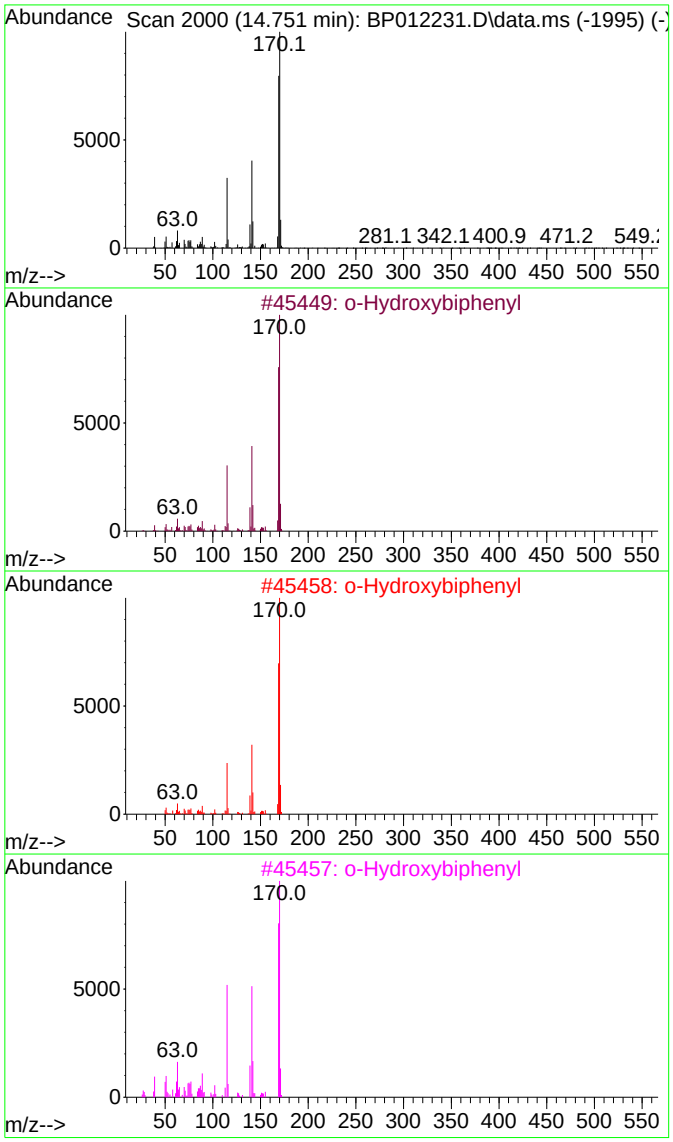
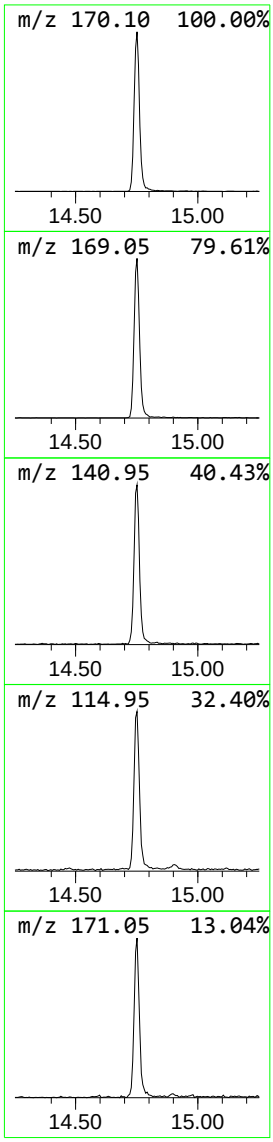
Peak Number 1 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	2.15 ng/ul	538149	Acenaphthene-d10	14.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94





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Data File : BP012231.D
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Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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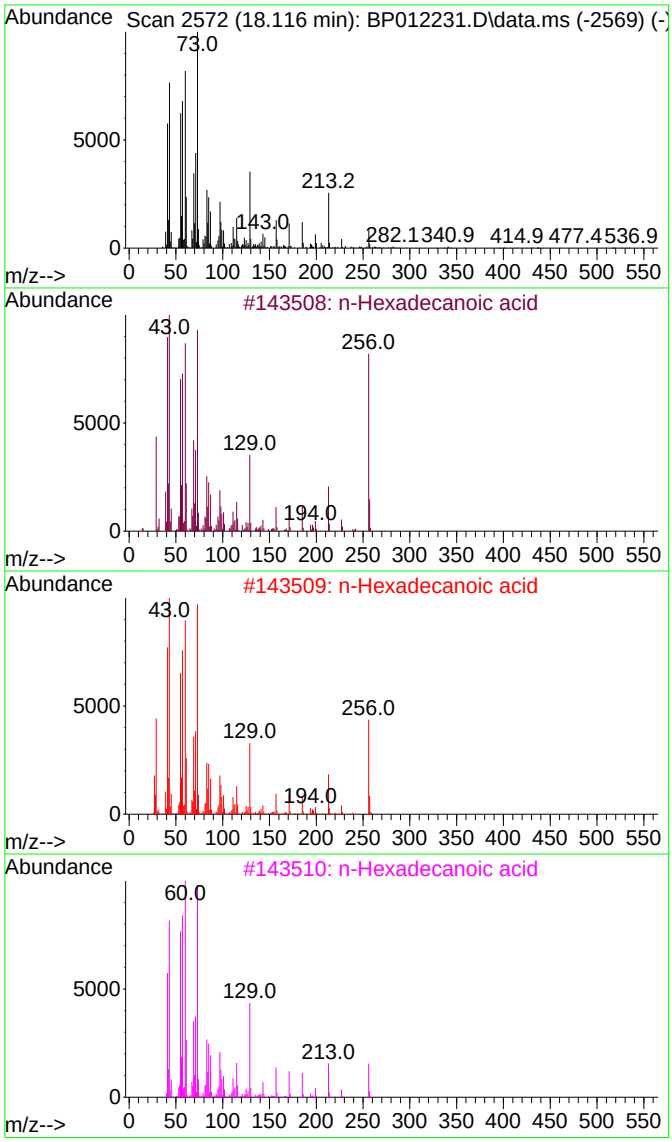
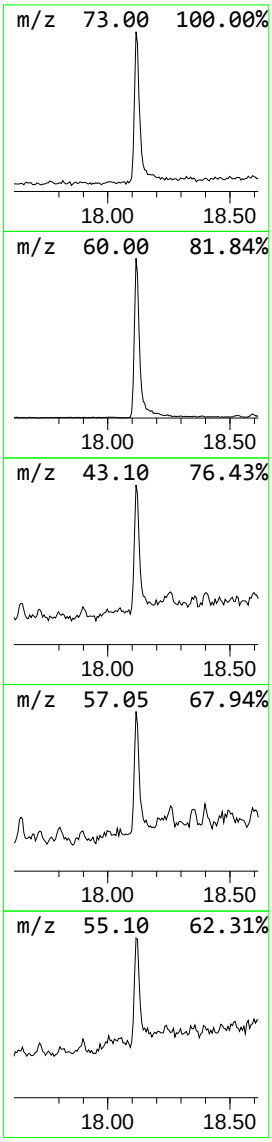
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	2.08 ng/ul	597085	Phenanthrene-d10	17.233

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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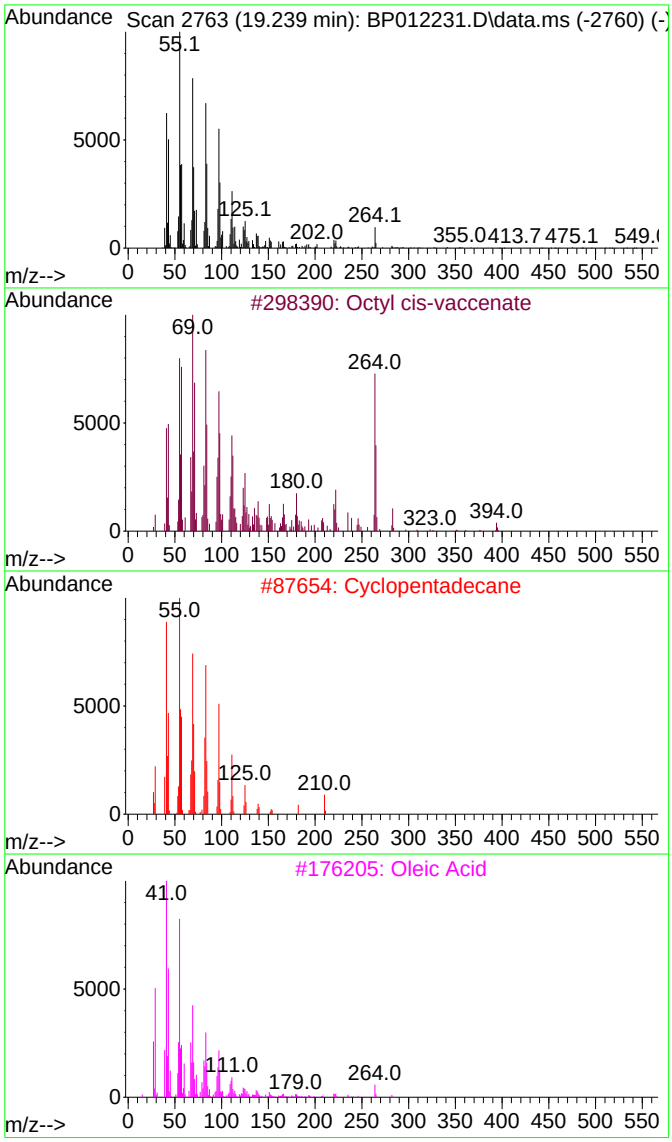
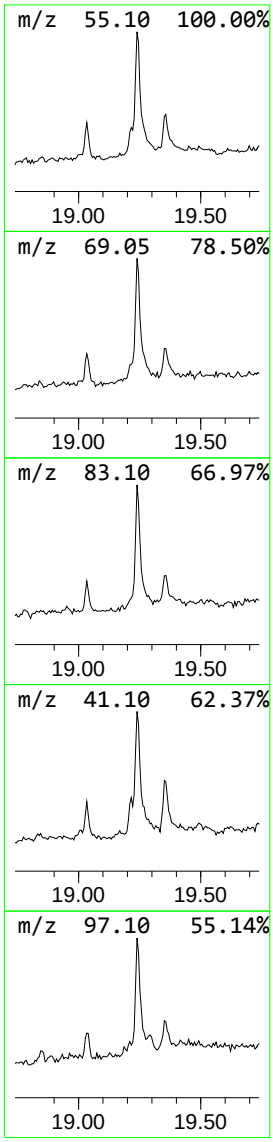
Peak Number 3 Octyl cis-vaccenate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	4.58 ng/ul	1315710	Phenanthrene-d10	17.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octyl cis-vaccenate	394	C26H50O2	180252-12-4	83
2	Cyclopentadecane	210	C15H30	000295-48-7	72
3	Oleic Acid	282	C18H34O2	000112-80-1	60
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	53
5	Oleic acid, butyl ester	338	C22H42O2	000142-77-8	52





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Sample : N5103-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

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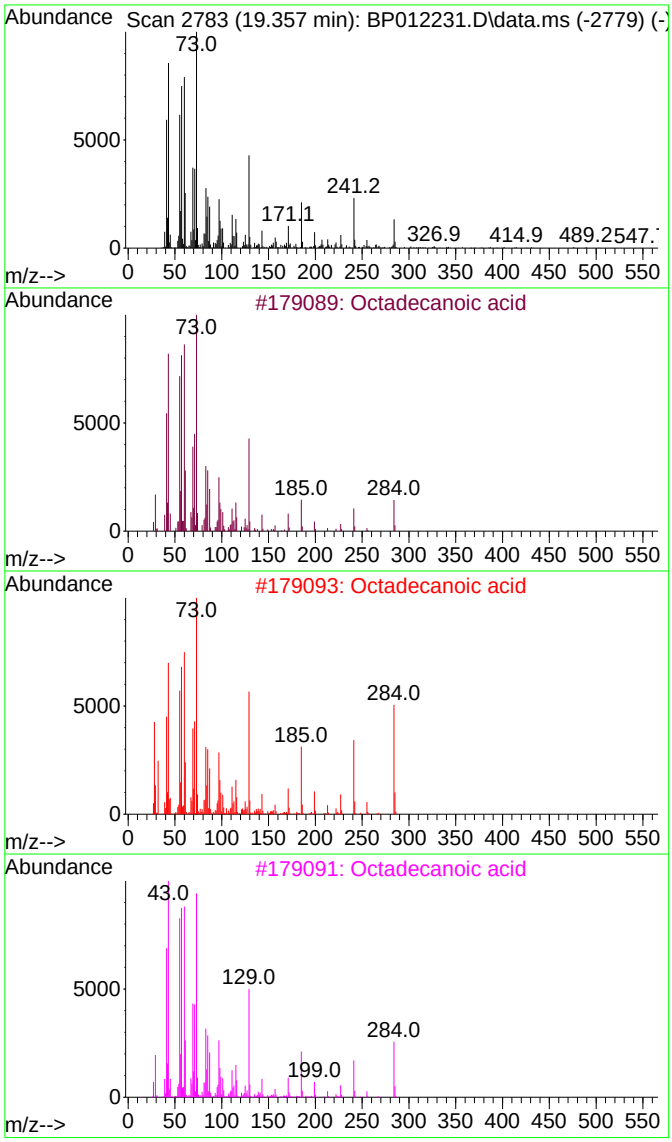
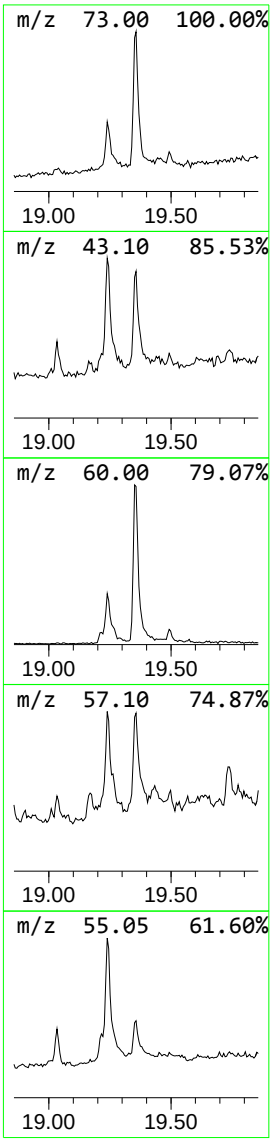
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	2.29 ng/ul	558205	Chrysene-d12	21.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
o-Hydroxybiphenyl	14.751	2.1	ng/ul	538149	3	14.475	5000030	20.0
n-Hexadecanoic ...	18.116	2.1	ng/ul	597085	4	17.233	5742400	20.0
Octyl cis-vacce...	19.239	4.6	ng/ul	1315710	4	17.233	5742400	20.0
Octadecanoic acid	19.357	2.3	ng/ul	558205	5	21.327	4877850	20.0