LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016174.D
Acq On : 11 Jul 2023 01:28
Operator : MA/JU
Sample : 03404-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW51

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	23	27	34	rBV	41132	61981	0.97%	0.110%
2	3.805	102	105	122	rBV	187687	480083	7.53%	0.850%
3	7.228	680	687	703	rBV	314753	1203114	18.86%	2.130%
4	7.351	703	708	716	rBV	322788	674995	10.58%	1.195%
5	7.563	737	744	770	rVB	453532	1264840	19.83%	2.240%
6	8.022	815	822	850	rBV	278617	997411	15.64%	1.766%
7	8.787	945	952	994	rBV	352317	1730839	27.13%	3.065%
8	9.234	1019	1028	1059	rBV	388390	1376279	21.57%	2.437%
9	9.522	1074	1077	1083	rVB5	9797	16096	0.25%	0.029%
10	9.975	1146	1154	1182	rBV	221712	1146666	17.97%	2.031%
11	10.575	1247	1256	1273	rBV2	280689	1287390	20.18%	2.280%
12	10.851	1296	1303	1326	rVB	511223	1540440	24.15%	2.728%
13	11.081	1335	1342	1372	rBV	169620	933633	14.64%	1.653%
14	12.016	1494	1501	1507	rVB8	5705	12287	0.19%	0.022%
15	12.533	1582	1589	1595	rBV7	7930	22100	0.35%	0.039%
16	13.475	1746	1749	1755	rBV7	4929	9545	0.15%	0.017%
17	13.551	1757	1762	1772	rVB5	18311	43247	0.68%	0.077%
18	14.004	1832	1839	1842	rBV8	4096	9461	0.15%	0.017%
19	14.092	1847	1854	1884	rVV	1186187	3033801	47.56%	5.372%
20	14.363	1893	1900	1926	rBV	1907389	3558030	55.77%	6.301%
21	14.545	1928	1931	1942	rVV9	13425	30190	0.47%	0.053%
22	14.669	1945	1952	1972	rBV	1210402	2166265	33.96%	3.836%
23	14.957	1995	2001	2005	rBV8	6485	13445	0.21%	0.024%
24	15.063	2011	2019	2022	rBV4	95124	239195	3.75%	0.424%
25	15.433	2080	2082	2088	rVV7	5925	9410	0.15%	0.017%
26	15.492	2090	2092	2099	rVB6	10508	16523	0.26%	0.029%
27	15.680	2116	2124	2145	rBV	1840213	4613148	72.31%	8.169%
28	15.886	2153	2159	2183	rBV4	160147	889246	13.94%	1.575%
29	16.057	2183	2188	2209	rVB	420695	801729	12.57%	1.420%
30	16.604	2276	2281	2285	rBV6	9700	16185	0.25%	0.029%
31	16.751	2300	2306	2311	rBV10	7183	13634	0.21%	0.024%
32	16.863	2321	2325	2326	rBV4	6860	7524	0.12%	0.013%
33	16.916	2330	2334	2337	rVV4	7808	9485	0.15%	0.017%
34	17.092	2361	2364	2369	rBV7	7679	11896	0.19%	0.021%
35	17.433	2415	2422	2434	rBV	1648210	2625736	41.16%	4.650%
36	17.545	2434	2441	2468	rVB2	1742924	5019876	78.69%	8.889%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

37	18.286	2562	2567	2579	rBV	278632	612294	9.60%	1.084%
38	19.351	2744	2748	2751	rBV2	39064	55020	0.86%	0.097%
39	19.515	2772	2776	2786	rBV3	84166	183652	2.88%	0.325%
40	19.715	2807	2810	2813	rVB2	31243	32396	0.51%	0.057%
41	19.768	2813	2819	2852	rBV	2796153	6379301	100.00%	11.297%
42	20.227	2894	2897	2901	rBV	89830	111724	1.75%	0.198%
43	20.715	2976	2980	2983	rBV	139476	156871	2.46%	0.278%
44	21.162	3053	3056	3059	rBV	187525	203071	3.18%	0.360%
45	21.215	3059	3065	3079	rVV2	411094	1281876	20.09%	2.270%
46	21.551	3117	3122	3130	rBV	1134485	2620874	41.08%	4.641%
47	22.080	3210	3212	3219	rVB	168441	212432	3.33%	0.376%
48	22.598	3297	3300	3305	rVB	174301	220062	3.45%	0.390%
49	23.174	3395	3398	3404	rVB2	189672	278792	4.37%	0.494%
50	23.827	3506	3509	3514	rVB	186897	268610	4.21%	0.476%
51	23.898	3514	3521	3542	rVV2	1959520	5180607	81.21%	9.174%
52	24.080	3546	3552	3583	rVB	740692	2787700	43.70%	4.937%

Sum of corrected areas: 56471007

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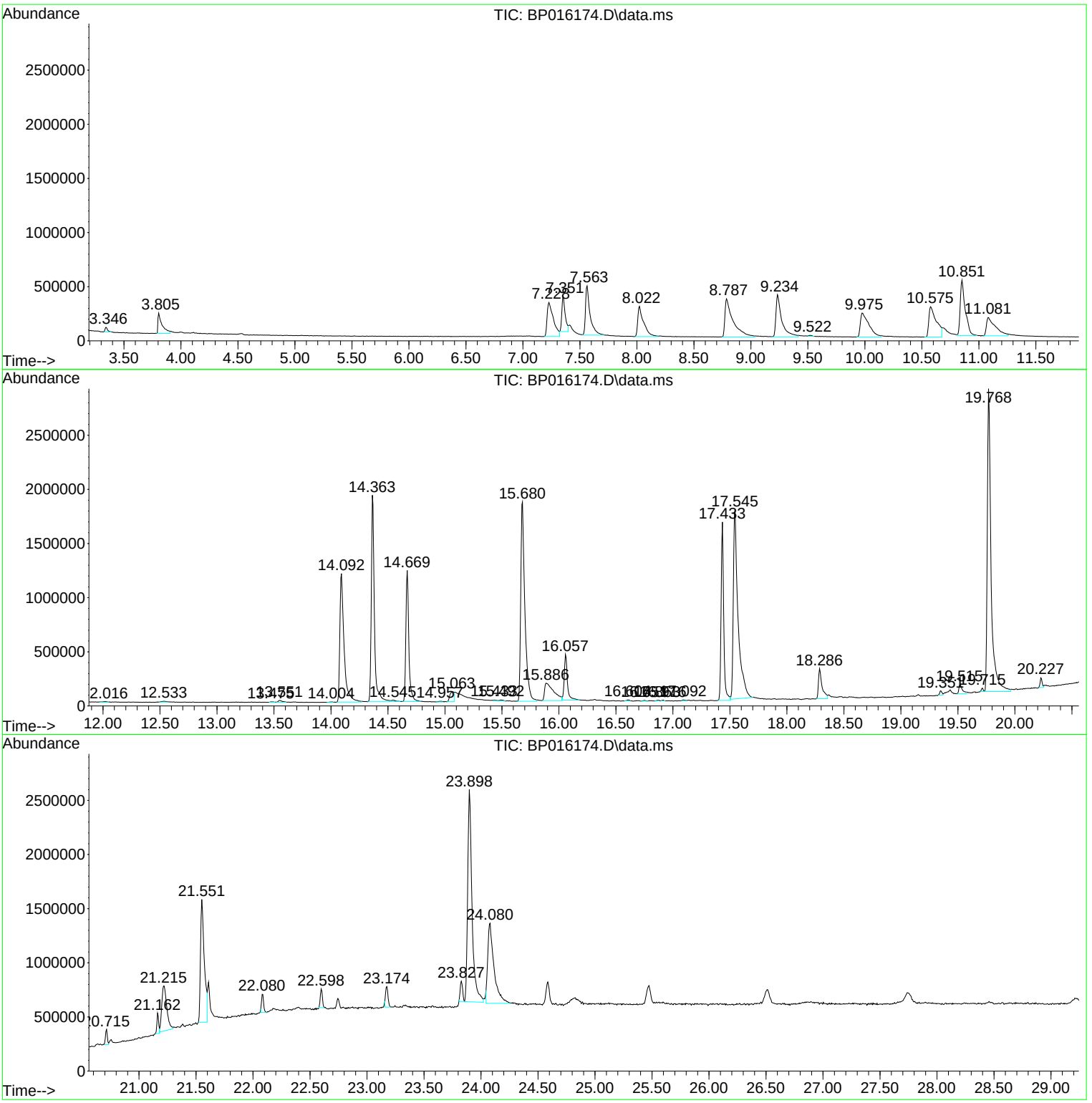
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP016174.D
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Sample : 03404-15
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Quant Title : SVOA CALIBRATION

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

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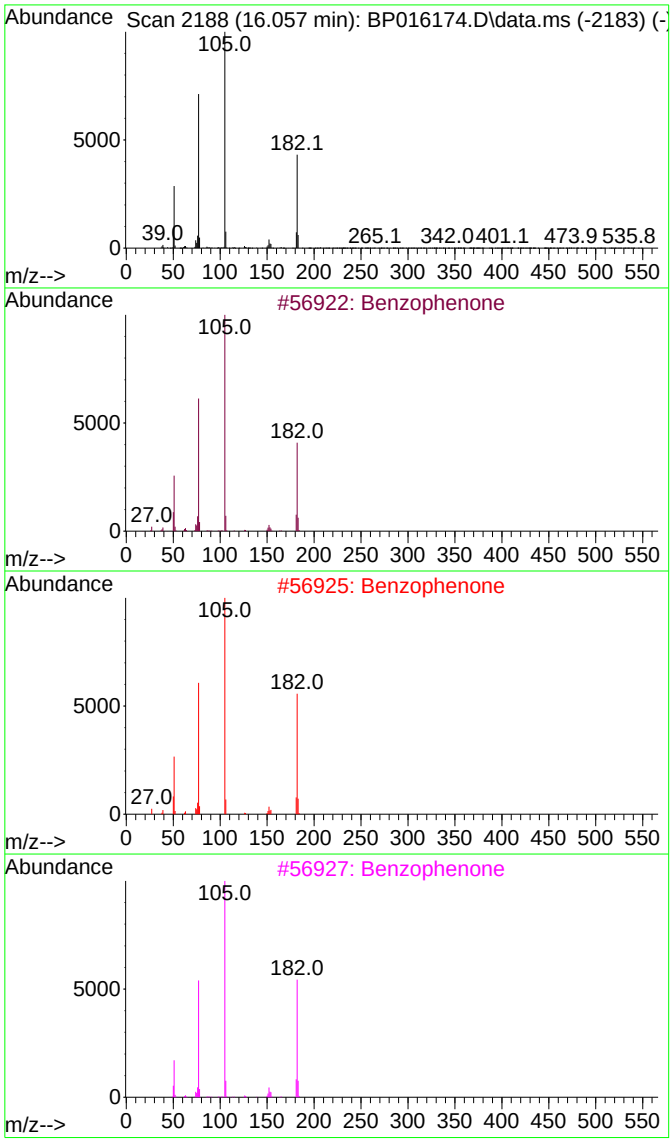
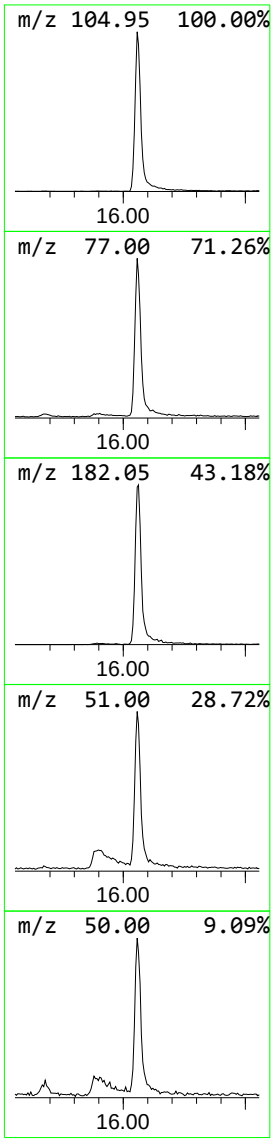
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	6.11 ng/ul	801729	Phenanthrene-d10	17.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78





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Quant Title : SVOA CALIBRATION

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

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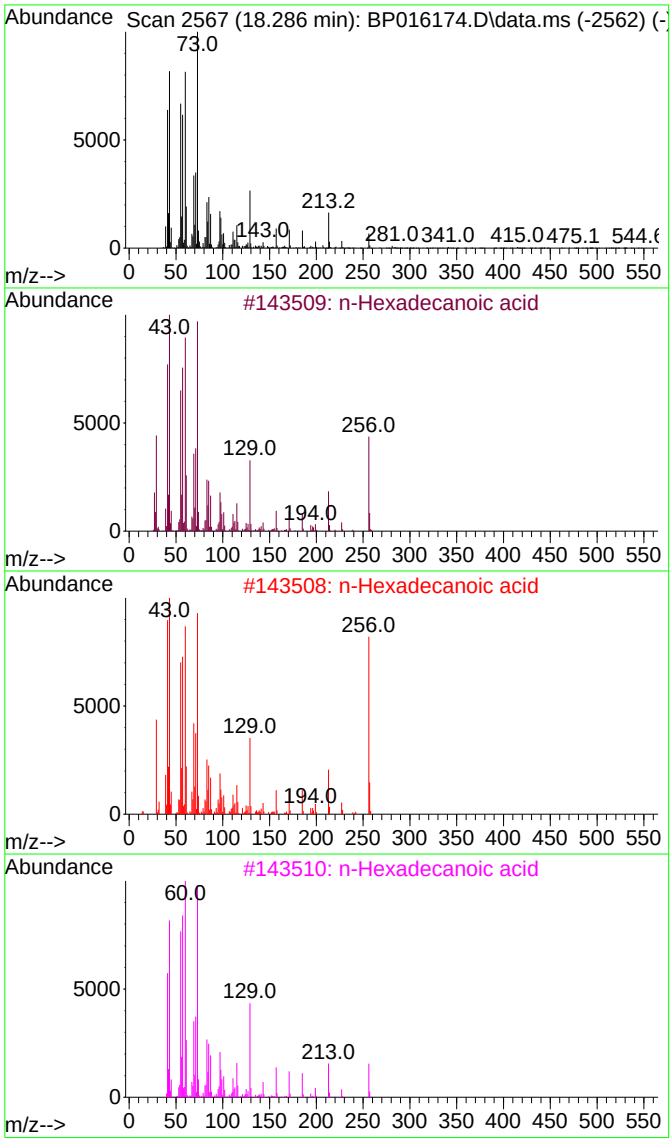
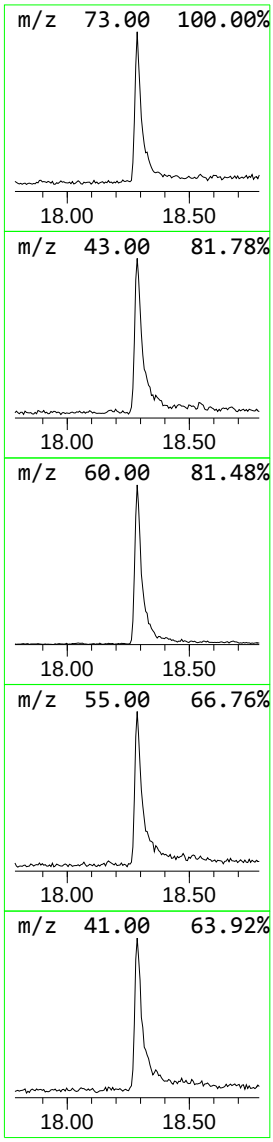
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	4.66 ng/ul	612294	Phenanthrene-d10	17.433

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





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ALS Vial : 30 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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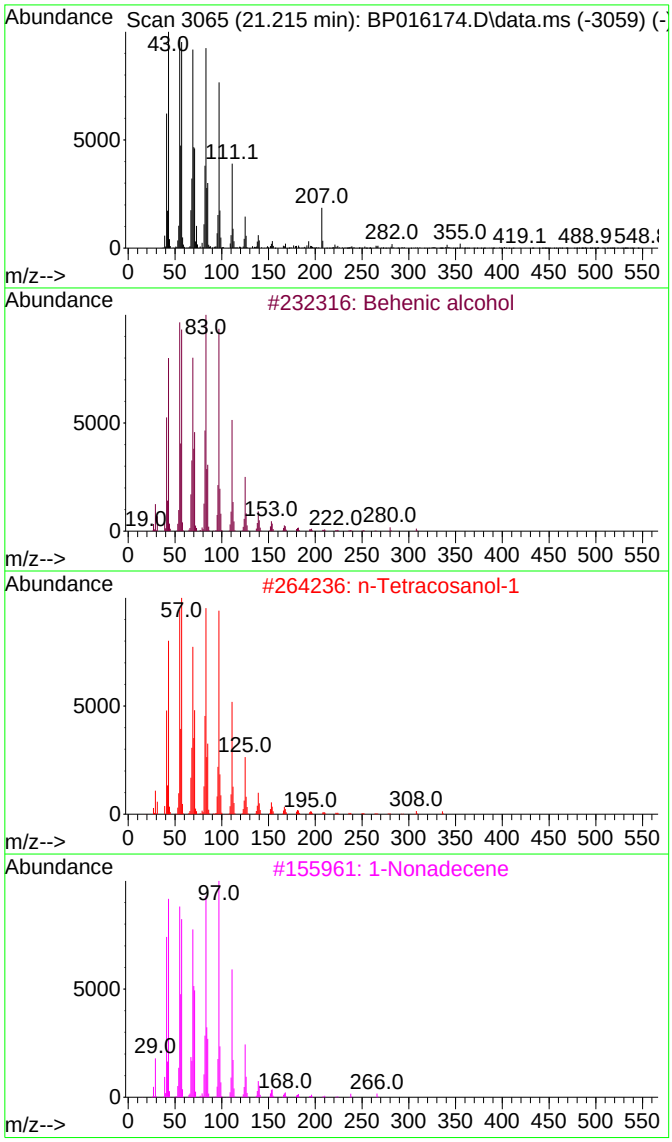
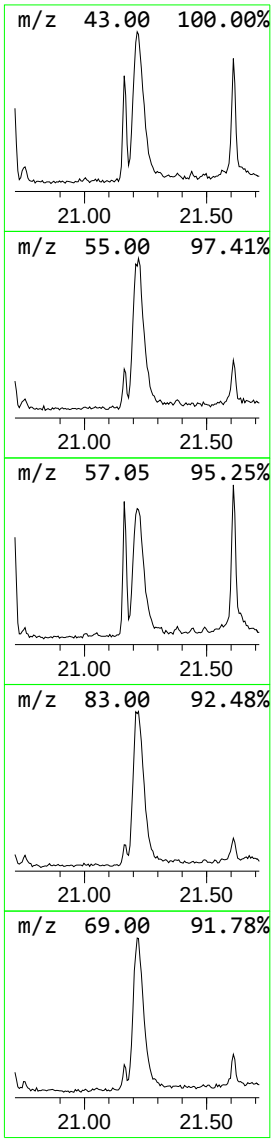
Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	9.78 ng/ul	1281880	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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

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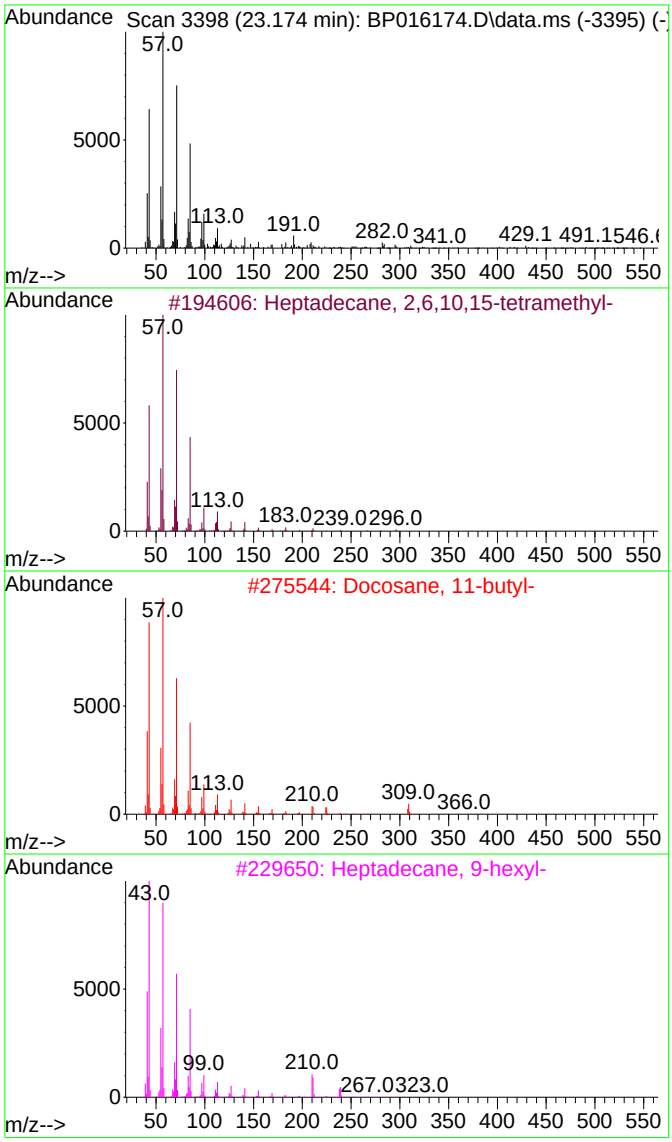
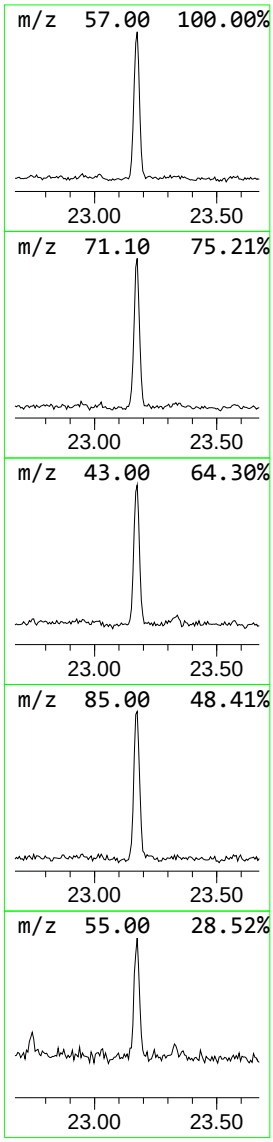
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.174	2.00 ng/ul	278792	Perylene-d12	24.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Heptacosane	380	C27H56	000593-49-7	94
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

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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
Benzophenone	16.057	6.1	ng/ul	801729	4	17.433	2625740	20.0
n-Hexadecanoic ...	18.286	4.7	ng/ul	612294	4	17.433	2625740	20.0
Behenic alcohol	21.215	9.8	ng/ul	1281880	5	21.551	2620870	20.0
(DEL) Alkane: S...	23.174	2.0	ng/ul	278792	6	24.080	2787700	20.0