LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016152.D
Acq On : 10 Jul 2023 11:18
Operator : MA/JU
Sample : 03356-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW36

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: BP016152.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	16	20	24	rBV2	84073	128630	1.58%	0.153%
2	3.346	24	27	36	rVB	82300	126345	1.55%	0.150%
3	3.793	100	103	126	rBV	702738	1438128	17.65%	1.707%
4	4.652	244	249	256	rBV3	30673	53389	0.66%	0.063%
5	7.211	676	684	701	rBV	623964	2011120	24.69%	2.387%
6	7.346	701	707	734	rVV	690553	1753654	21.53%	2.081%
7	7.552	735	742	763	rVV	870576	2016671	24.75%	2.393%
8	8.016	814	821	848	rBV	513004	1483997	18.22%	1.761%
9	8.763	941	948	989	rBV	756005	2766151	33.95%	3.283%
10	9.216	1018	1025	1053	rBV	752018	2157690	26.48%	2.561%
11	9.528	1074	1078	1084	rVB7	8892	15417	0.19%	0.018%
12	9.957	1142	1151	1179	rBV	481655	1861252	22.85%	2.209%
13	10.540	1241	1250	1290	rBV	498299	2657769	32.62%	3.154%
14	10.846	1295	1302	1321	rVB	868099	2242715	27.53%	2.661%
15	11.046	1329	1336	1372	rBV	510231	2435281	29.89%	2.890%
16	12.028	1498	1503	1507	rBV7	6371	8438	0.10%	0.010%
17	12.522	1581	1587	1596	rVV5	13260	36244	0.44%	0.043%
18	13.481	1744	1750	1752	rBV6	7074	10917	0.13%	0.013%
19	13.551	1756	1762	1773	rVV3	25377	63528	0.78%	0.075%
20	13.663	1778	1781	1789	rVB9	5611	12454	0.15%	0.015%
21	14.010	1835	1840	1844	rBV8	7354	13083	0.16%	0.016%
22	14.087	1846	1853	1884	rVV	1934388	4498831	55.22%	5.339%
23	14.304	1884	1890	1894	rVV2	13007	27331	0.34%	0.032%
24	14.363	1894	1900	1926	rVV2	3035010	5323427	65.34%	6.317%
25	14.545	1928	1931	1939	rVB8	15658	31617	0.39%	0.038%
26	14.669	1945	1952	1974	rBV	1780428	3130690	38.43%	3.715%
27	15.040	2006	2015	2027	rBV3	160007	831297	10.20%	0.986%
28	15.492	2089	2092	2099	rVB9	10517	21107	0.26%	0.025%
29	15.675	2116	2123	2146	rBV	3057797	6688548	82.10%	7.937%
30	15.869	2150	2156	2181	rBV2	353884	1547702	19.00%	1.837%
31	16.045	2181	2186	2199	rVB	931672	1609132	19.75%	1.910%
32	16.316	2229	2232	2234	rBV2	9235	11136	0.14%	0.013%
33	16.345	2234	2237	2244	rVB8	18899	32531	0.40%	0.039%
34	16.404	2244	2247	2252	rVB6	8961	13371	0.16%	0.016%
35	16.598	2275	2280	2291	rBV	218488	346499	4.25%	0.411%
36	16.834	2315	2320	2330	rBV6	36734	84576	1.04%	0.100%

LSC Area Percent Report

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Misc :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

37	17.092	2361	2364	2369	rBV7	19786	30688	0.38%	0.036%
38	17.181	2376	2379	2384	rBV7	9393	15048	0.18%	0.018%
39	17.239	2387	2389	2393	rVB4	13436	17018	0.21%	0.020%
40	17.316	2399	2402	2409	rVB9	15137	29270	0.36%	0.035%
41	17.392	2409	2415	2416	rBV6	20046	28980	0.36%	0.034%
42	17.434	2416	2422	2434	rVV	2414423	3694327	45.35%	4.384%
43	17.545	2434	2441	2466	rVV	2671233	7056594	86.62%	8.374%
44	18.169	2543	2547	2553	rBV3	46909	72286	0.89%	0.086%
45	18.286	2562	2567	2579	rBV	737487	1456964	17.88%	1.729%
46	19.351	2744	2748	2751	rBV2	63216	85073	1.04%	0.101%
47	19.522	2773	2777	2791	rBV2	155186	361587	4.44%	0.429%
48	19.769	2813	2819	2841	rBV	3812314	8146905	100.00%	9.668%
49	21.227	3061	3067	3081	rBV4	307615	920778	11.30%	1.093%
50	21.557	3117	3123	3146	rBV2	1304839	3980585	48.86%	4.724%
51	22.745	3321	3325	3334	rVB	1528674	2138212	26.25%	2.537%
52	23.910	3516	3523	3544	rBV2	2039196	5682368	69.75%	6.743%
53	24.086	3547	3553	3578	rVB	814316	3060813	37.57%	3.632%

Sum of corrected areas: 84268164

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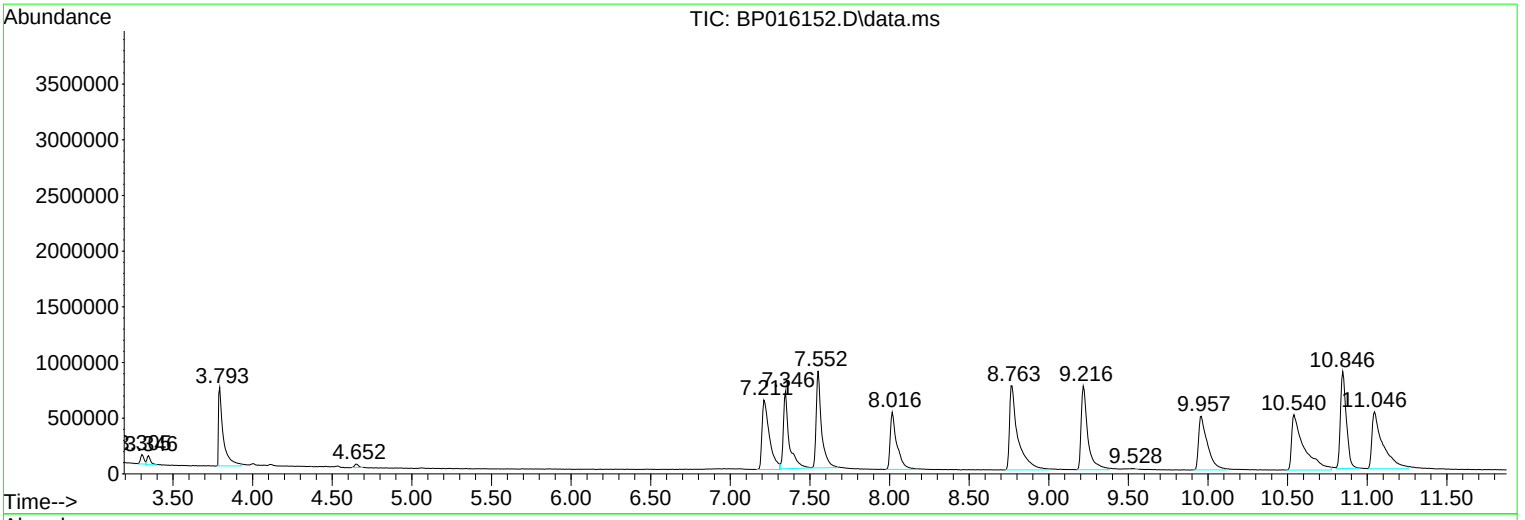
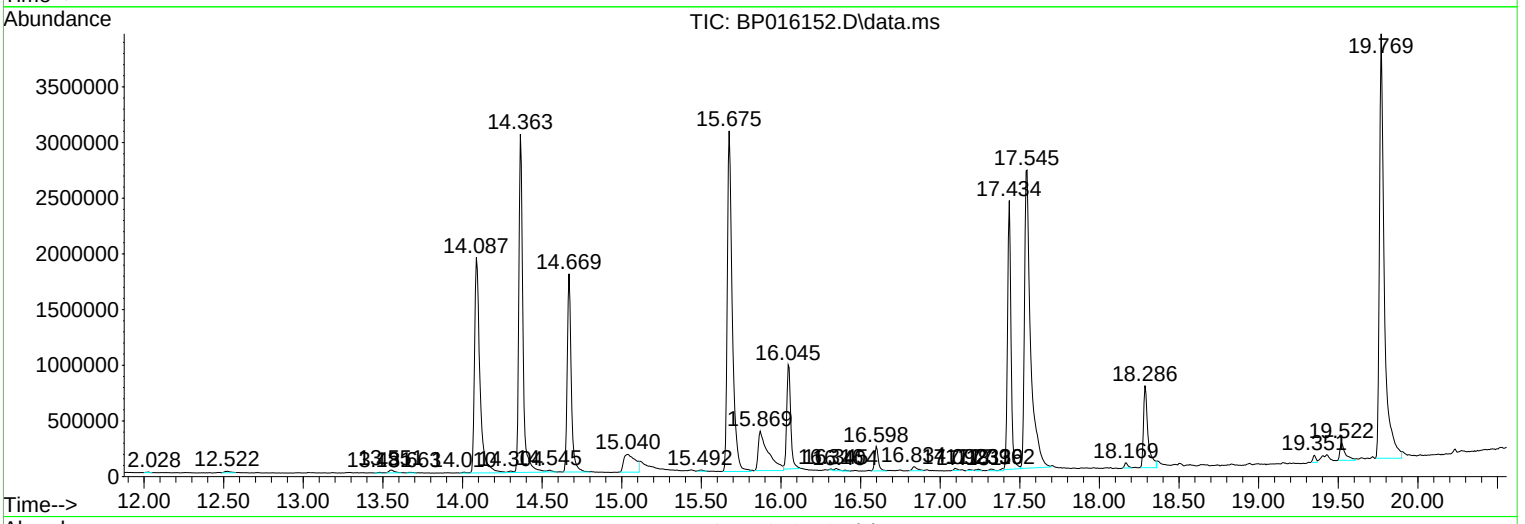
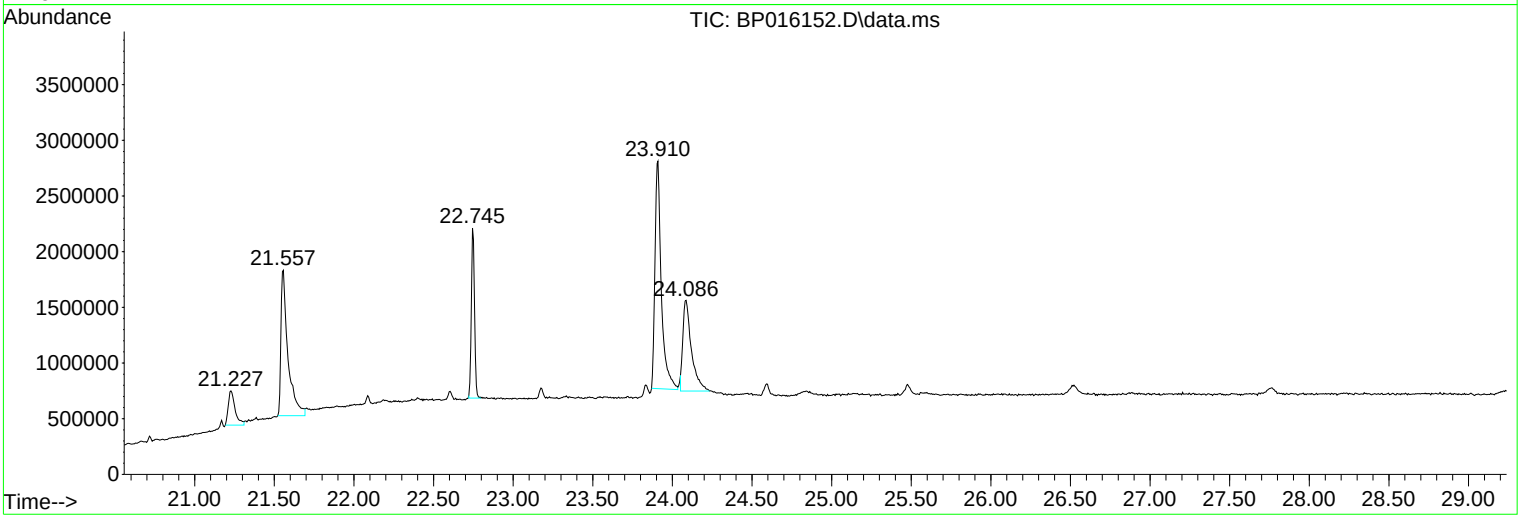
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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

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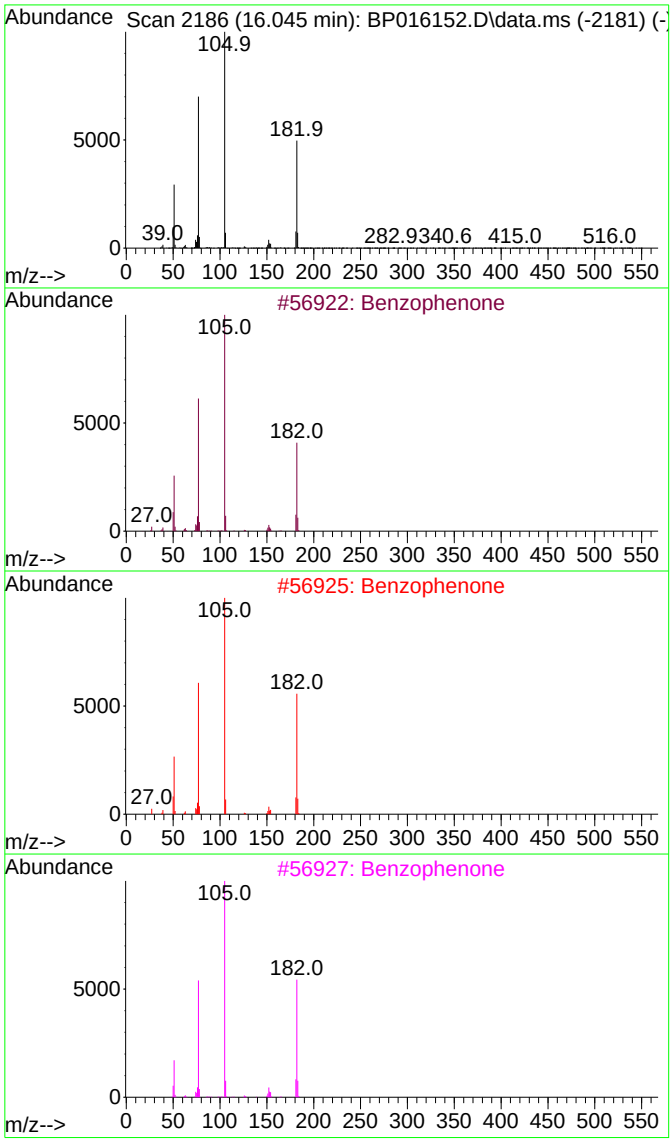
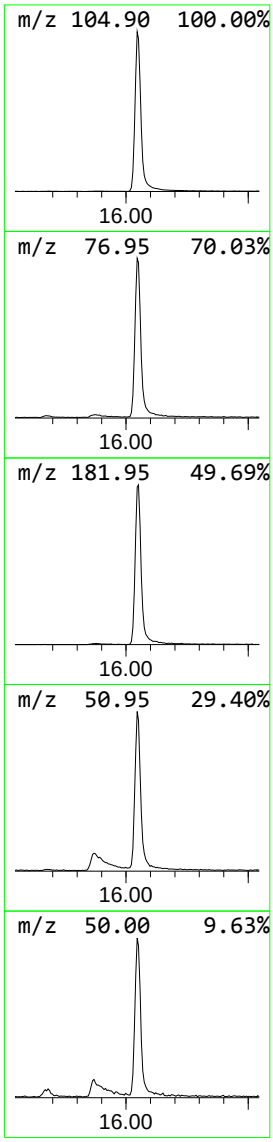
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	10.28 ng/ul	1609130	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Instrument :
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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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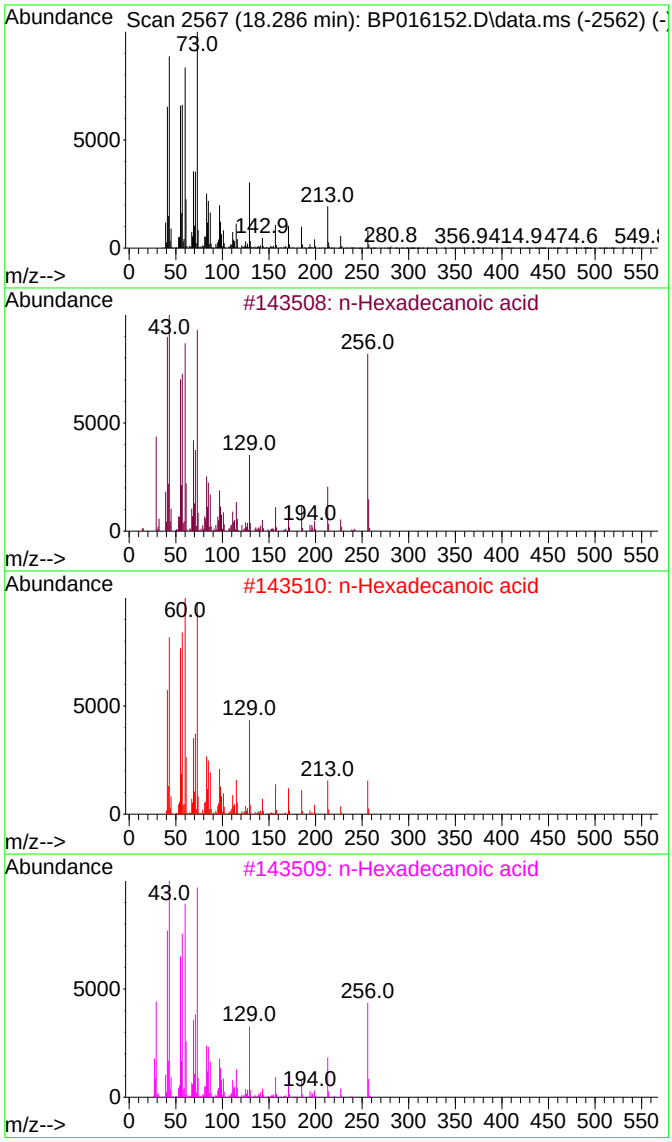
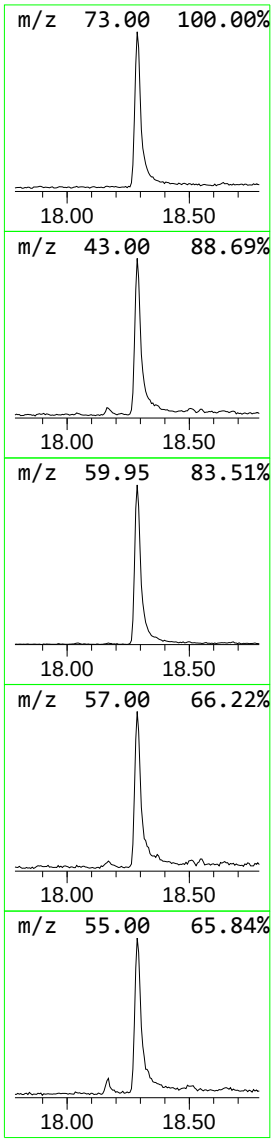
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	7.89 ng/ul	1456960	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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016152.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW36

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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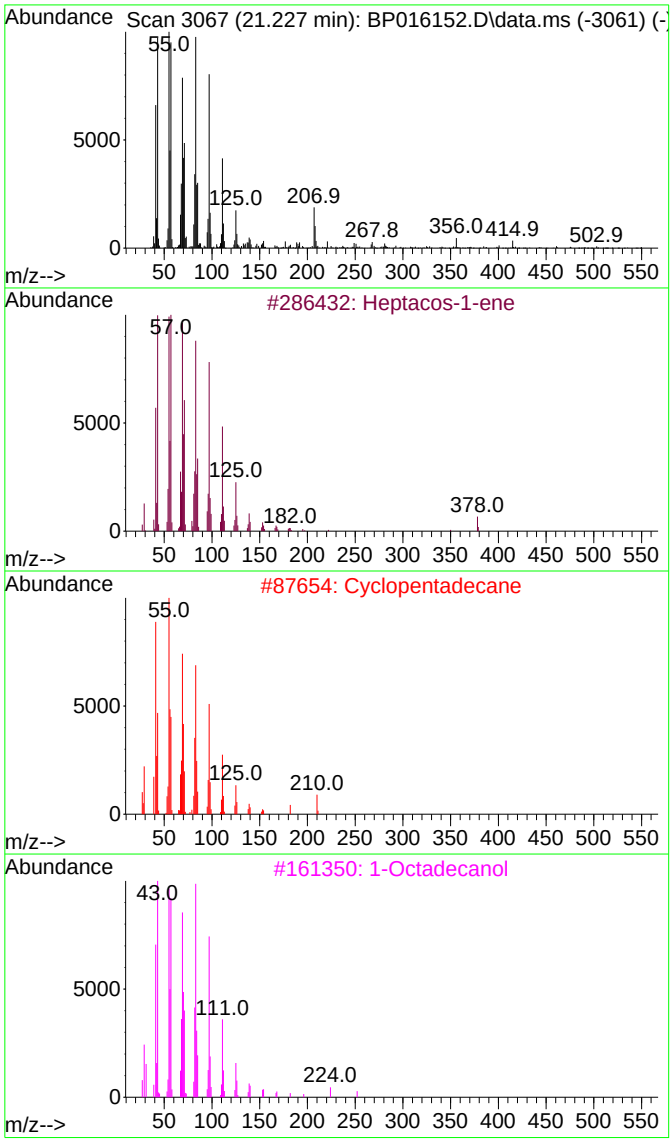
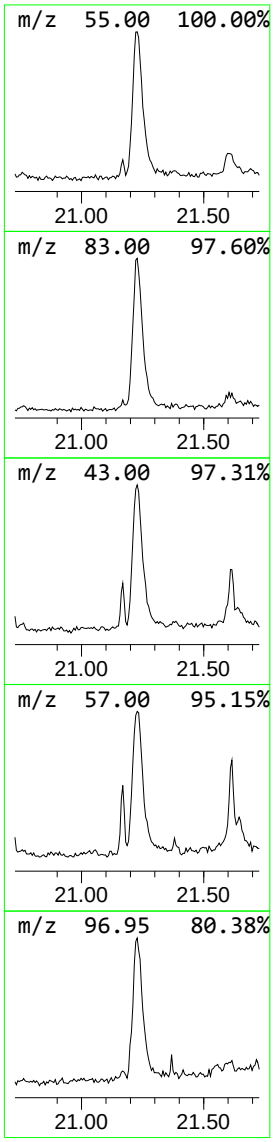
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	4.63 ng/ul	920778	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Octadecanol	270	C18H38O	000112-92-5	93
4	1-Tricosene	322	C23H46	018835-32-0	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Instrument :
BNA_P
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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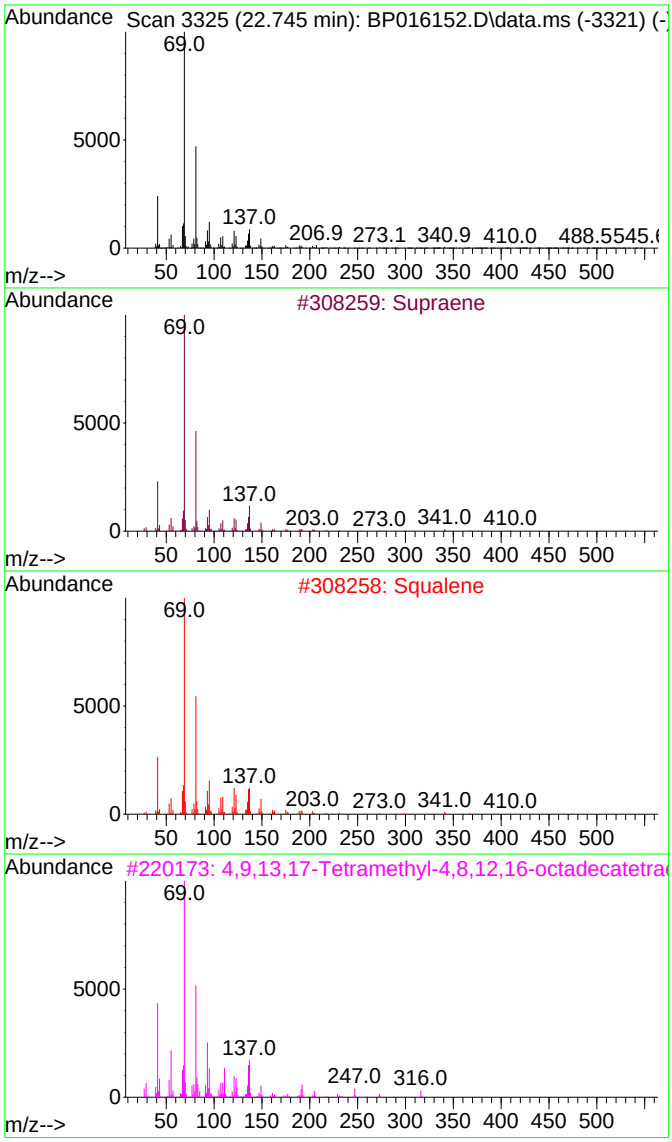
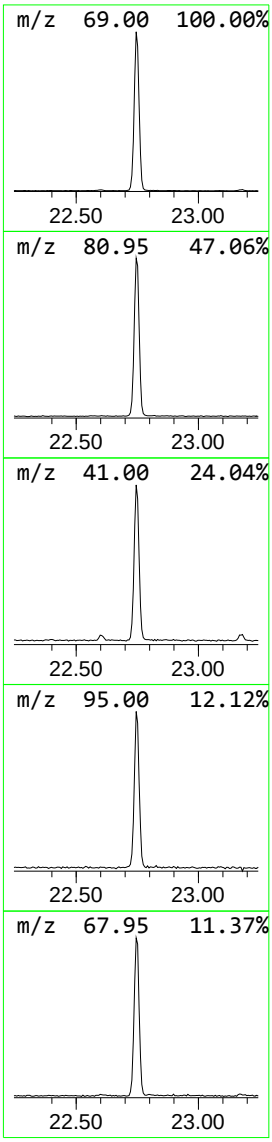
Peak Number 4 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.745	10.74 ng/ul	2138210	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	89
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
5	Squalene	410	C30H50	000111-02-4	83





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	16.045	10.3	ng/ul	1609130	3	14.669	3130690	20.0
n-Hexadecanoic ...	18.286	7.9	ng/ul	1456960	4	17.433	3694330	20.0
(DEL) Alkane: S...	21.227	4.6	ng/ul	920778	5	21.557	3980590	20.0
Supraene	22.745	10.7	ng/ul	2138210	5	21.557	3980590	20.0