LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016177.D
Acq On : 11 Jul 2023 03:09
Operator : MA/JU
Sample : 03404-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBW54

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: BP016177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	23	26	31	rBV	43567	57695	0.83%	0.092%
2	3.799	101	104	125	rBV	272541	686527	9.84%	1.091%
3	7.222	680	686	703	rBV	340692	1284397	18.41%	2.042%
4	7.352	703	708	736	rVV	392682	1208949	17.33%	1.922%
5	7.558	737	743	769	rVB	492209	1327855	19.04%	2.111%
6	8.017	814	821	850	rBV	359173	1201268	17.22%	1.910%
7	8.781	944	951	992	rBV	408627	1871591	26.83%	2.975%
8	9.228	1020	1027	1063	rBV	434198	1473715	21.13%	2.343%
9	9.969	1145	1153	1179	rBV2	245007	1238000	17.75%	1.968%
10	10.216	1192	1195	1203	rVB10	5410	8911	0.13%	0.014%
11	10.569	1246	1255	1272	rBV2	302177	1406449	20.16%	2.236%
12	10.846	1295	1302	1322	rVB	650261	1897041	27.20%	3.016%
13	11.081	1333	1342	1374	rBV3	204063	1175688	16.86%	1.869%
14	12.016	1497	1501	1506	rVB7	6219	10408	0.15%	0.017%
15	12.522	1583	1587	1589	rBV5	9149	11872	0.17%	0.019%
16	13.552	1756	1762	1769	rBV4	21255	45623	0.65%	0.073%
17	13.999	1833	1838	1844	rBV9	5989	12309	0.18%	0.020%
18	14.087	1846	1853	1885	rBV	1343563	3486589	49.99%	5.543%
19	14.363	1893	1900	1926	rBV	2171515	3991301	57.22%	6.345%
20	14.534	1927	1929	1941	rVV9	13163	32067	0.46%	0.051%
21	14.669	1945	1952	1977	rVB	1470858	2698596	38.69%	4.290%
22	15.057	2010	2018	2019	rBV3	106246	228233	3.27%	0.363%
23	15.446	2081	2084	2090	rVV8	5916	10658	0.15%	0.017%
24	15.498	2090	2093	2098	rVV6	8188	15950	0.23%	0.025%
25	15.557	2101	2103	2109	rVB7	5436	8386	0.12%	0.013%
26	15.675	2116	2123	2141	rBV	2100320	5147657	73.80%	8.184%
27	15.881	2152	2158	2182	rBV3	195812	1081819	15.51%	1.720%
28	16.057	2183	2188	2200	rVB	406897	672488	9.64%	1.069%
29	16.316	2228	2232	2235	rVV4	7039	9913	0.14%	0.016%
30	16.469	2255	2258	2264	rVB8	4574	8300	0.12%	0.013%
31	16.610	2277	2282	2287	rVB5	14959	22174	0.32%	0.035%
32	16.745	2302	2305	2309	rBV4	6883	8458	0.12%	0.013%
33	16.869	2323	2326	2329	rBV5	6935	10599	0.15%	0.017%
34	17.093	2360	2364	2369	rBV6	10595	18483	0.26%	0.029%
35	17.434	2415	2422	2434	rBV	2028254	3265828	46.82%	5.192%
36	17.540	2434	2440	2466	rVV2	2053048	5632605	80.75%	8.955%

LSC Area Percent Report

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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

37	18.287	2562	2567	2579	rBV2	241751	581134	8.33%	0.924%
38	19.351	2744	2748	2752	rBV2	48378	69251	0.99%	0.110%
39	19.428	2759	2761	2769	rVB2	35396	55176	0.79%	0.088%
40	19.522	2773	2777	2784	rBV4	77568	150367	2.16%	0.239%
41	19.716	2807	2810	2812	rBV	29668	28712	0.41%	0.046%
42	19.769	2813	2819	2852	rVV	3134729	6975032	100.00%	11.089%
43	20.228	2894	2897	2900	rBV	68038	75196	1.08%	0.120%
44	20.716	2977	2980	2983	rBV	100458	106675	1.53%	0.170%
45	21.163	3054	3056	3059	rBV	115804	117762	1.69%	0.187%
46	21.222	3060	3066	3082	rVV3	265487	829738	11.90%	1.319%
47	21.551	3116	3122	3130	rBV2	1311988	3197722	45.85%	5.084%
48	22.086	3210	3213	3219	rVB2	137627	172960	2.48%	0.275%
49	23.175	3394	3398	3405	rVB2	182235	276252	3.96%	0.439%
50	23.827	3506	3509	3513	rVB	193927	266349	3.82%	0.423%
51	23.898	3514	3521	3541	rVV2	2063631	5491880	78.74%	8.731%
52	24.074	3545	3551	3579	rVB	880851	3239505	46.44%	5.150%

Sum of corrected areas: 62902113

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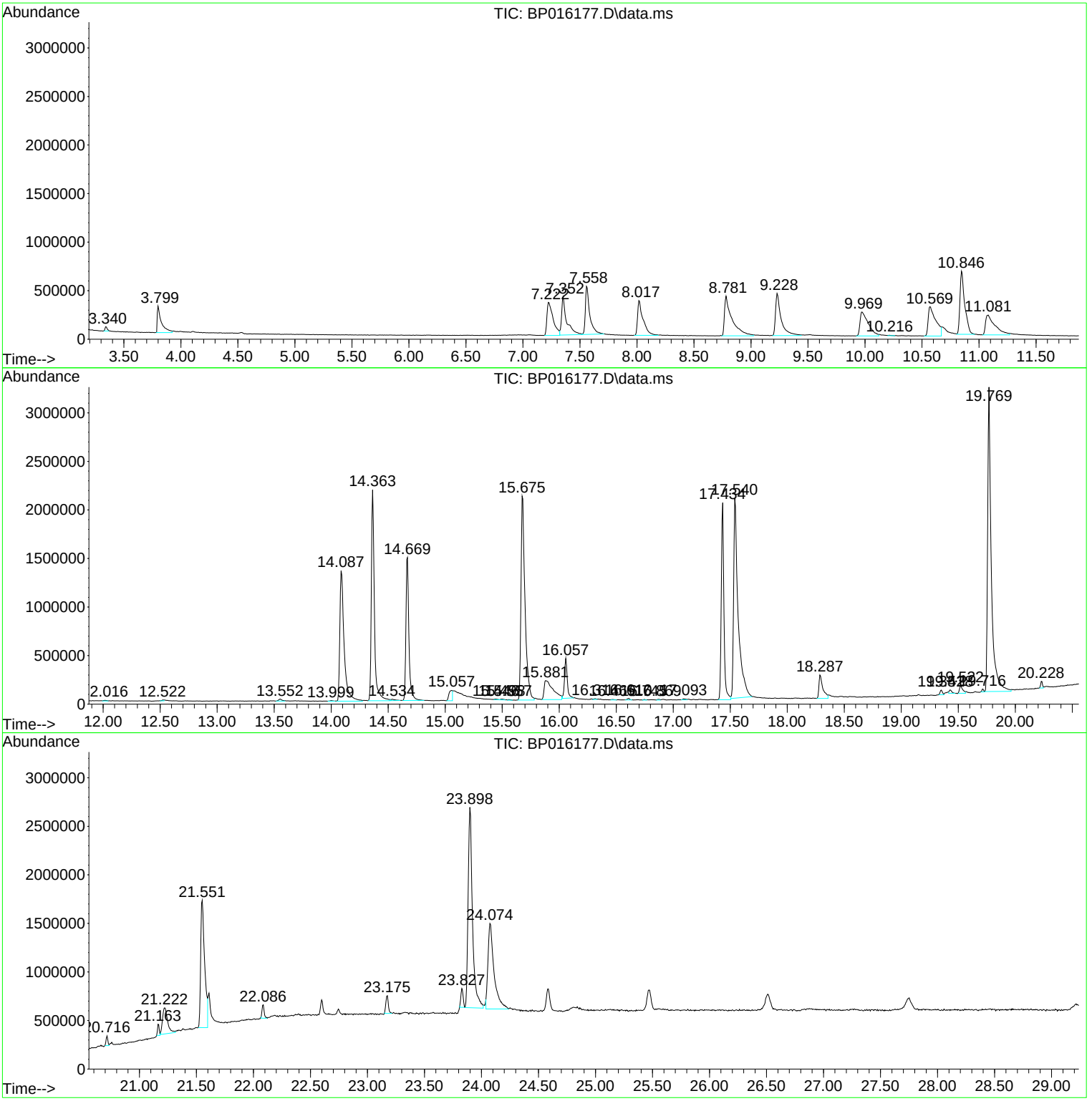
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BP016177.D
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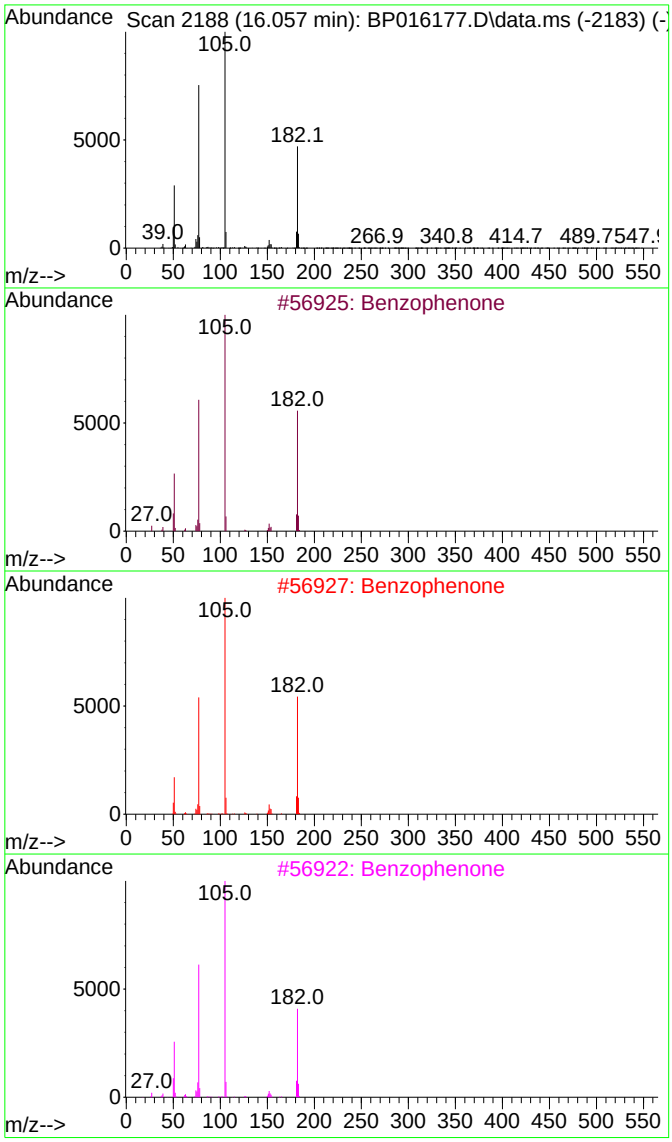
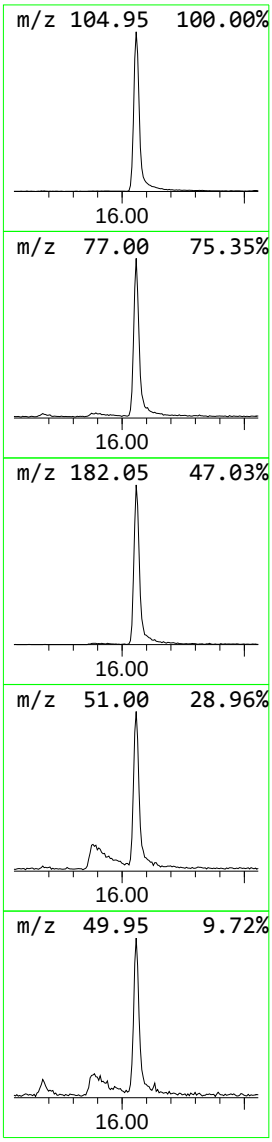
Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.057	4.12 ng/ul	672488	Phenanthrene-d10	17.434

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	78





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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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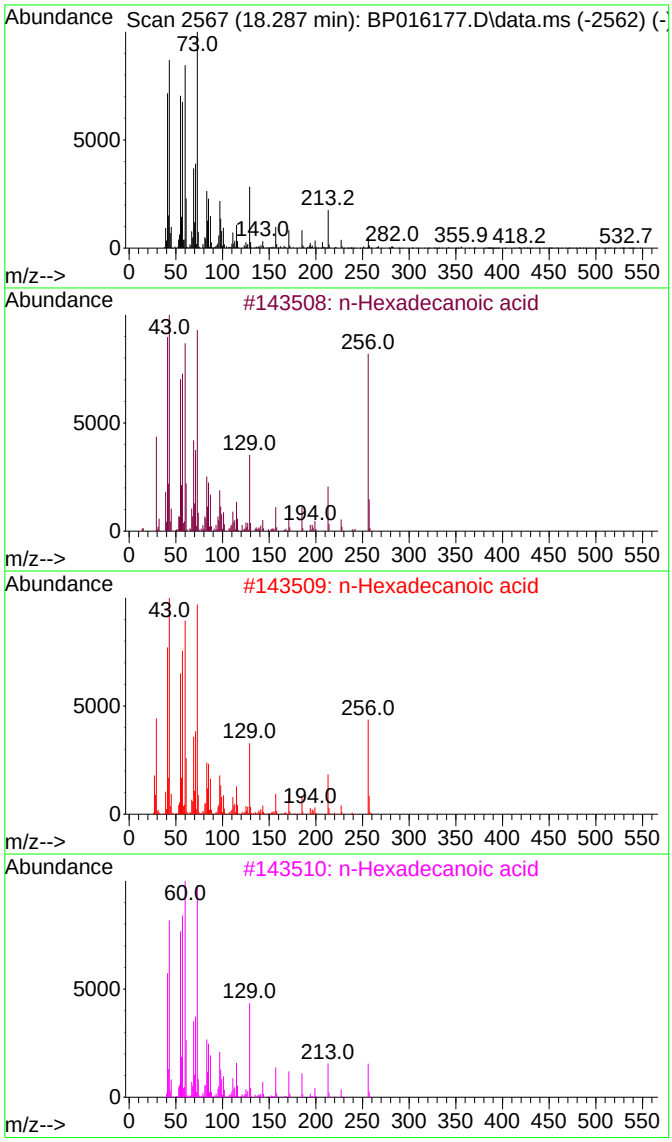
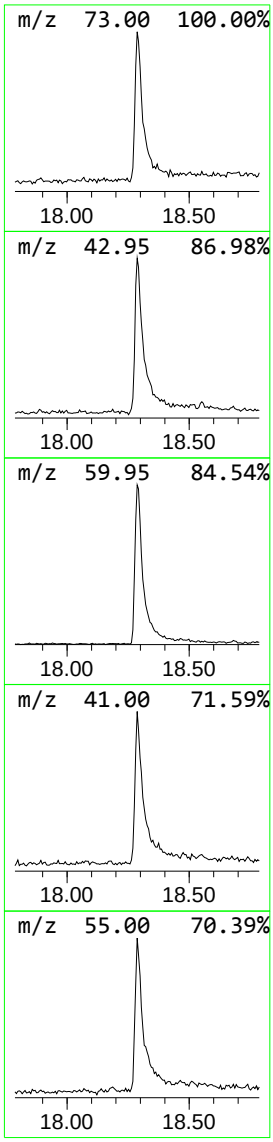
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	3.56 ng/ul	581134	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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ALS Vial : 33 Sample Multiplier: 1

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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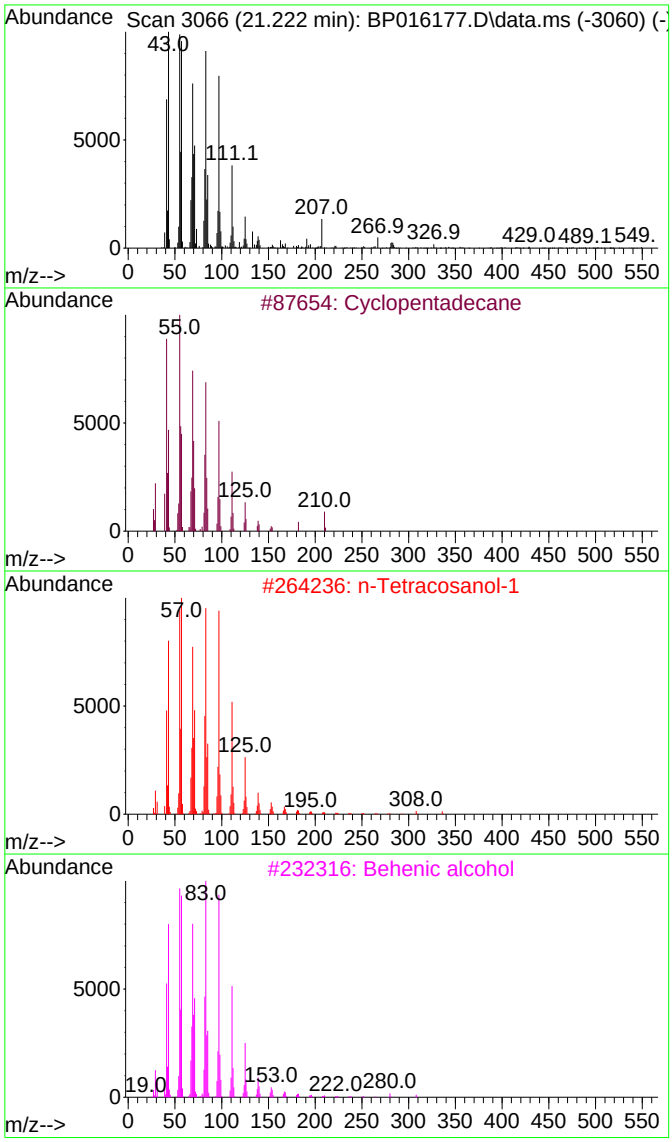
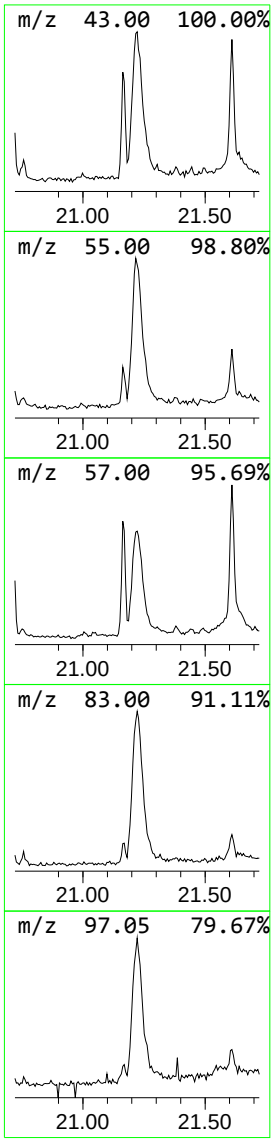
Peak Number 3 (DEL) Alkane: Cyclic21.222 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	5.19 ng/ul	829738	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.057	4.1	ng/ul	672488	4	17.434	3265830	20.0
n-Hexadecanoic ...	18.287	3.6	ng/ul	581134	4	17.434	3265830	20.0
(DEL) Alkane: C...	21.222	5.2	ng/ul	829738	5	21.551	3197720	20.0