LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014232.D
Acq On : 22 Mar 2023 23:54
Operator : CG/JU
Sample : 01977-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EYG95

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	33	37	46	rVV	34650	52670	1.14%	0.108%
2	3.722	88	91	95	rVB6	3745	6069	0.13%	0.012%
3	3.840	109	111	136	rBV	372004	662747	14.32%	1.353%
4	4.164	163	166	172	rVB2	9371	12807	0.28%	0.026%
5	7.199	675	682	700	rBV	543875	939387	20.30%	1.917%
6	7.363	703	710	721	rVV	460369	732197	15.82%	1.494%
7	7.569	738	745	760	rVB	552855	918298	19.84%	1.874%
8	8.040	817	825	833	rBV	541850	878517	18.99%	1.793%
9	8.099	834	835	840	rVB5	5353	6215	0.13%	0.013%
10	8.752	940	946	963	rBV	676604	1200310	25.94%	2.450%
11	9.216	1015	1025	1036	rBV	600343	1007942	21.78%	2.057%
12	9.369	1047	1051	1055	rBV7	6622	10958	0.24%	0.022%
13	9.593	1085	1089	1097	rVB3	8200	14163	0.31%	0.029%
14	9.940	1140	1148	1161	rBV	519242	887416	19.18%	1.811%
15	10.487	1233	1241	1262	rBV	657508	1281381	27.69%	2.615%
16	10.863	1296	1305	1314	rBV	825628	1372879	29.67%	2.802%
17	11.004	1322	1329	1352	rBV	629866	1251160	27.04%	2.554%
18	12.451	1568	1575	1582	rVB4	10927	21689	0.47%	0.044%
19	13.487	1746	1751	1756	rBV3	9320	14579	0.32%	0.030%
20	13.569	1758	1765	1770	rBV	29918	46085	1.00%	0.094%
21	14.087	1844	1853	1866	rBV	1592620	2332035	50.40%	4.760%
22	14.204	1866	1873	1877	rVB9	6452	13449	0.29%	0.027%
23	14.322	1886	1893	1895	rBV6	5039	7613	0.16%	0.016%
24	14.381	1896	1903	1915	rVV	1728343	2579728	55.75%	5.265%
25	14.457	1915	1916	1922	rVB6	3100	4747	0.10%	0.010%
26	14.557	1930	1933	1940	rVB7	8950	13448	0.29%	0.027%
27	14.686	1948	1955	1965	rBV	1453092	2160722	46.69%	4.410%
28	14.757	1965	1967	1973	rVB7	5492	6885	0.15%	0.014%
29	14.892	1984	1990	2014	rBV	435243	1072688	23.18%	2.189%
30	15.086	2021	2023	2031	rVB9	6845	14505	0.31%	0.030%
31	15.510	2090	2095	2101	rVB7	7842	12227	0.26%	0.025%
32	15.681	2117	2124	2134	rBV	2346480	3406328	73.61%	6.952%
33	15.798	2138	2144	2159	rVV	794755	1183343	25.57%	2.415%
34	15.916	2161	2164	2170	rVB4	12782	21447	0.46%	0.044%
35	16.039	2180	2185	2194	rBV	168451	244139	5.28%	0.498%
36	16.251	2216	2221	2226	rBV9	2779	5169	0.11%	0.011%

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Title : SVOA CALIBRATION

37	16.375	2239	2242	2249	rVB8	5447	10511	0.23%	0.021%
38	16.833	2317	2320	2327	rVB8	8541	13829	0.30%	0.028%
39	17.116	2364	2368	2370	rBV5	5206	6513	0.14%	0.013%
40	17.333	2403	2405	2412	rVB7	5809	7642	0.17%	0.016%
41	17.439	2417	2423	2432	rBV	1986586	2858846	61.78%	5.835%
42	17.539	2434	2440	2449	rBV	2619230	3796312	82.04%	7.748%
43	18.092	2532	2534	2537	rVB4	6084	5206	0.11%	0.011%
44	18.304	2565	2570	2580	rBV	431167	673002	14.54%	1.374%
45	18.704	2635	2638	2642	rVB4	22926	29130	0.63%	0.059%
46	19.345	2743	2747	2751	rVB3	35477	49257	1.06%	0.101%
47	19.527	2775	2778	2786	rBV2	85563	140316	3.03%	0.286%
48	19.769	2813	2819	2825	rBV	3447140	4627406	100.00%	9.445%
49	21.198	3057	3062	3069	rBV	842405	1149543	24.84%	2.346%
50	21.521	3112	3117	3124	rBV	2454866	3369854	72.82%	6.878%
51	23.880	3511	3518	3526	rVB2	2217695	4580635	98.99%	9.349%
52	24.045	3539	3546	3554	rVB2	1547330	3280894	70.90%	6.696%

Sum of corrected areas: 48994838

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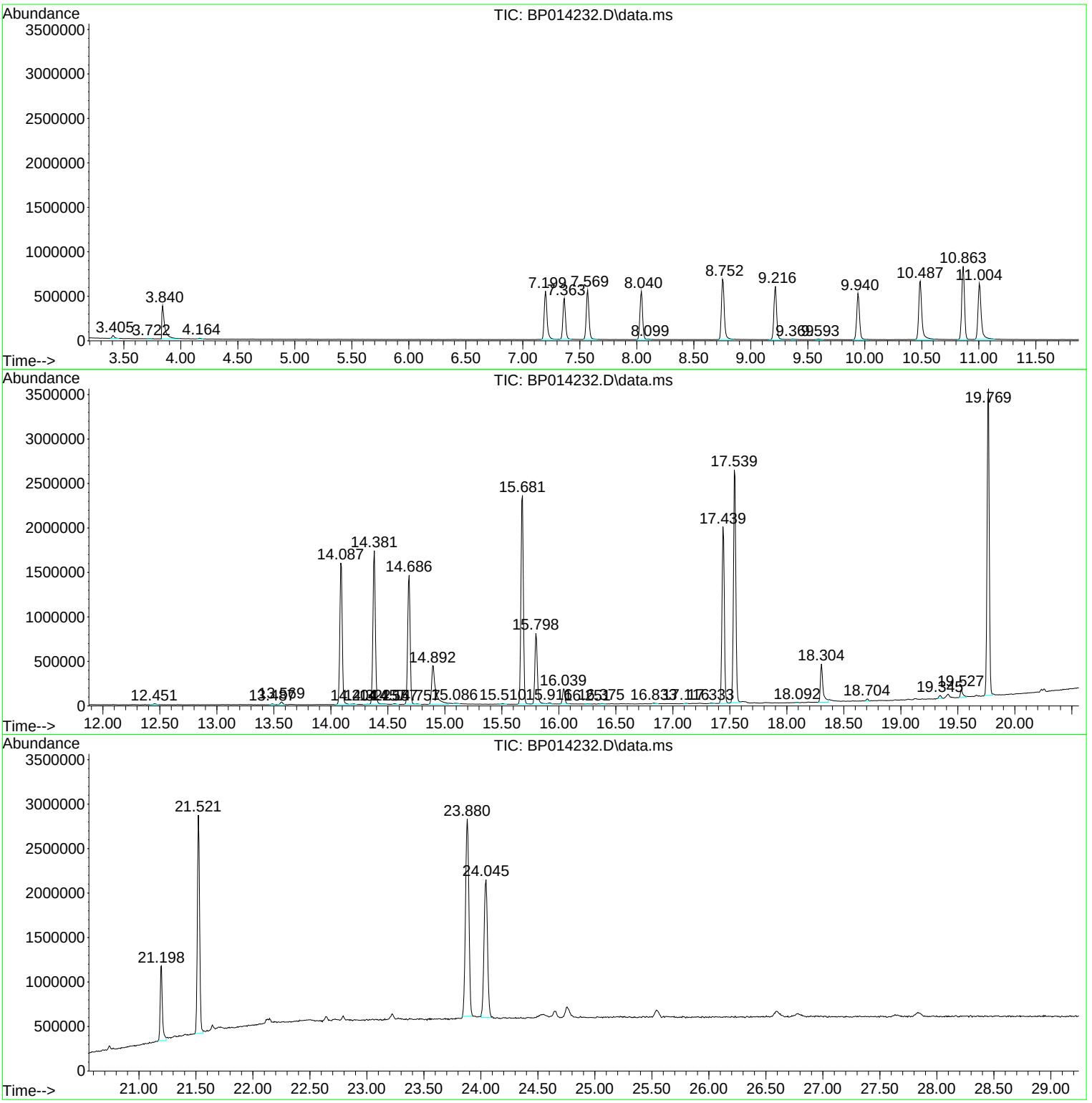
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



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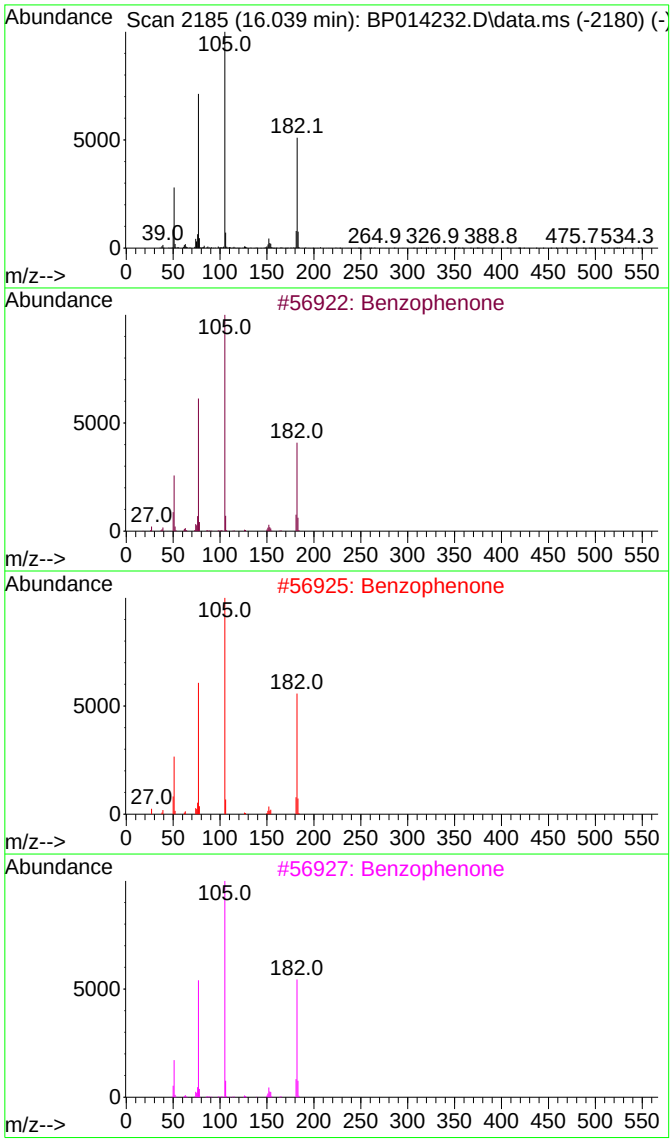
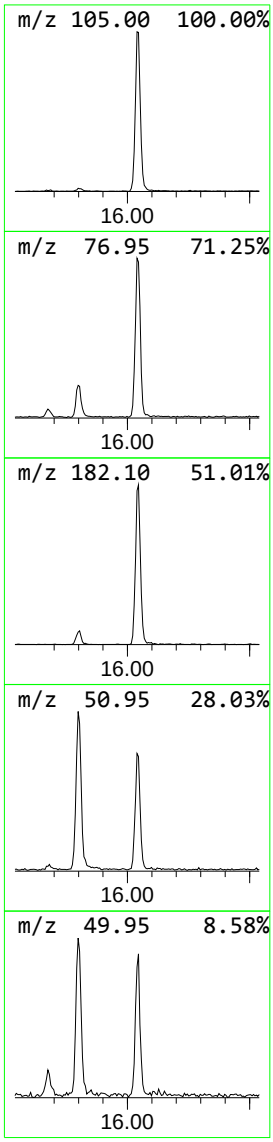
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	2.26 ng/ul	244139	Acenaphthene-d10	14.687

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	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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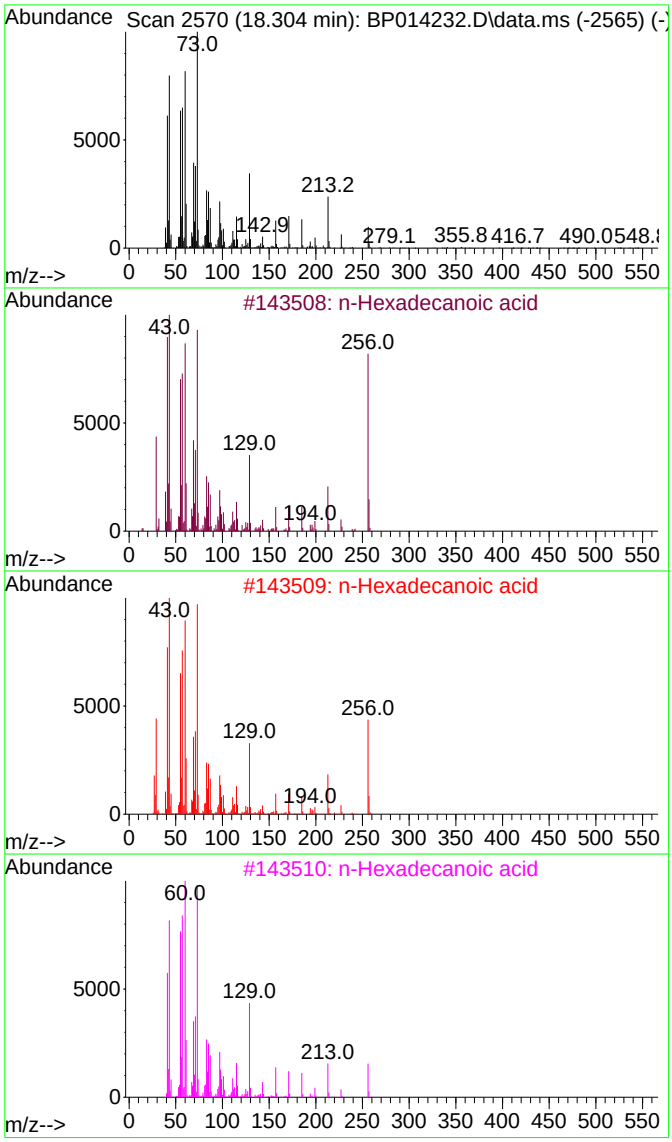
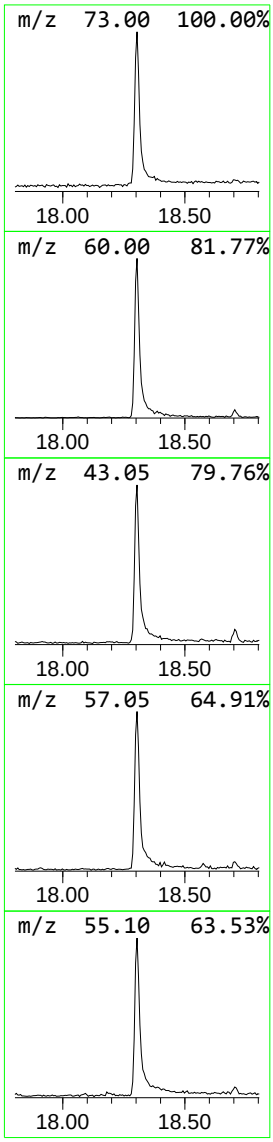
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	4.71 ng/ul	673002	Phenanthrene-d10	17.439

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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

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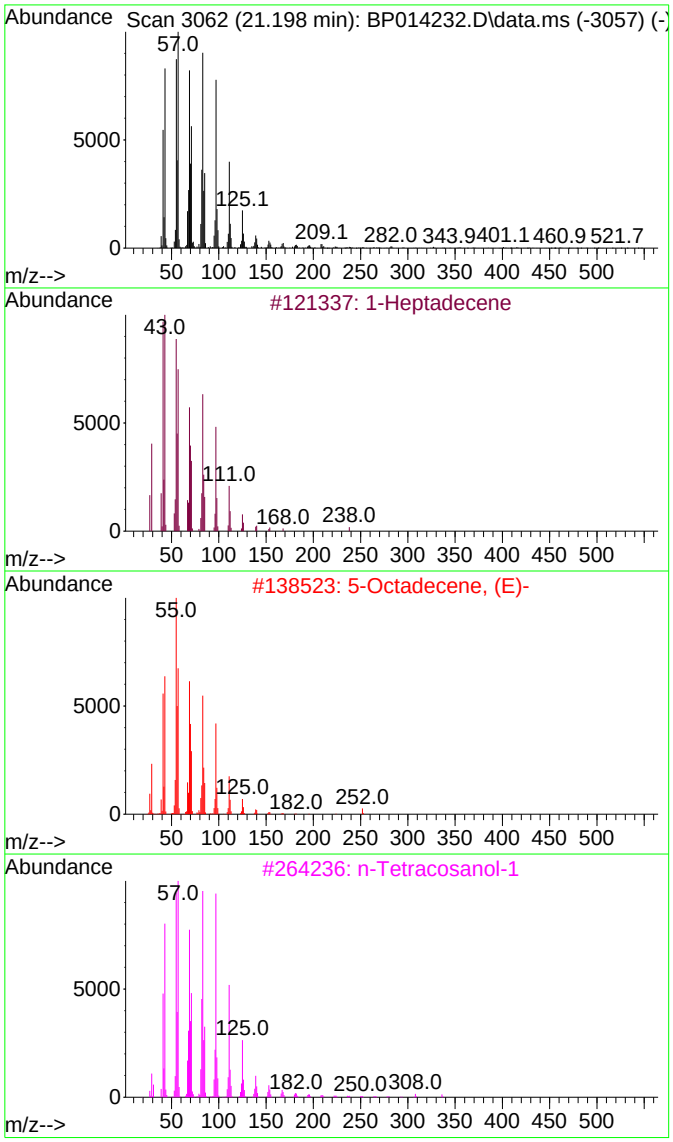
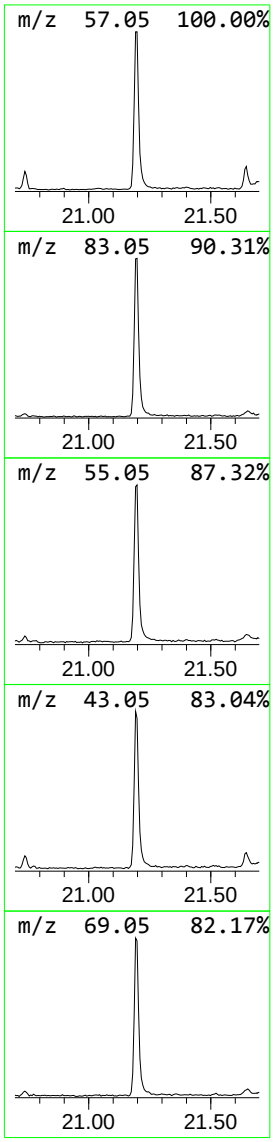
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	6.82 ng/ul	1149540	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.039	2.3	ng/ul	244139	3	14.687	2160720	20.0
n-Hexadecanoic ...	18.304	4.7	ng/ul	673002	4	17.439	2858850	20.0
(DEL) Alkane: S...	21.198	6.8	ng/ul	1149540	5	21.521	3369850	20.0