LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071723\
Data File : BP016251.D
Acq On : 17 Jul 2023 13:03
Operator : MA/JU
Sample : 03457-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0C57

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	13	16	24	rVB	31696	48010	1.07%	0.110%
2	3.758	94	97	113	rBV	94470	270797	6.03%	0.620%
3	3.940	126	128	133	rVB2	14761	19940	0.44%	0.046%
4	4.870	281	286	288	rBV6	3540	5072	0.11%	0.012%
5	7.211	678	684	695	rBV	43914	162844	3.63%	0.373%
6	7.305	695	700	726	rVV	199295	694146	15.46%	1.589%
7	7.528	730	738	759	rVV	205003	647294	14.42%	1.481%
8	7.969	806	813	835	rBV	286281	928950	20.69%	2.126%
9	8.740	936	944	970	rBV2	124024	594363	13.24%	1.360%
10	9.175	1010	1018	1038	rBV	274013	861870	19.20%	1.972%
11	9.475	1068	1069	1073	rVB4	6213	4870	0.11%	0.011%
12	9.910	1134	1143	1176	rBV2	160754	754059	16.80%	1.726%
13	10.505	1236	1244	1284	rBV2	175872	1038497	23.13%	2.377%
14	10.781	1284	1291	1311	rVV	614468	1560774	34.76%	3.572%
15	11.010	1322	1330	1373	rBV	142040	840399	18.72%	1.923%
16	11.963	1490	1492	1497	rVB5	4558	6970	0.16%	0.016%
17	12.463	1573	1577	1581	rBV7	4328	8743	0.19%	0.020%
18	13.493	1749	1752	1759	rBV5	7999	14762	0.33%	0.034%
19	13.951	1822	1830	1836	rBV5	3851	9098	0.20%	0.021%
20	14.040	1836	1845	1873	rBV	804016	1930122	42.99%	4.417%
21	14.310	1883	1891	1909	rBV2	1292443	2274688	50.66%	5.206%
22	14.616	1936	1943	1962	rBV	1303543	2264510	50.44%	5.182%
23	15.075	2017	2021	2024	rBV6	3933	5939	0.13%	0.014%
24	15.134	2024	2031	2033	rBV8	9491	18627	0.41%	0.043%
25	15.387	2069	2074	2080	rVB10	3952	7308	0.16%	0.017%
26	15.440	2080	2083	2085	rBV4	6271	7485	0.17%	0.017%
27	15.622	2107	2114	2143	rBV	1322596	3025550	67.39%	6.924%
28	15.834	2144	2150	2173	rBV3	146264	666980	14.86%	1.526%
29	16.010	2175	2180	2193	rVB	186548	345414	7.69%	0.790%
30	16.263	2221	2223	2227	rVB3	8014	9129	0.20%	0.021%
31	16.304	2227	2230	2237	rVB8	4695	8802	0.20%	0.020%
32	16.551	2268	2272	2278	rVB2	18751	27359	0.61%	0.063%
33	16.792	2309	2313	2320	rBV10	6620	13816	0.31%	0.032%
34	16.869	2323	2326	2332	rVB8	6964	9982	0.22%	0.023%
35	17.057	2353	2358	2360	rBV6	7662	10450	0.23%	0.024%
36	17.092	2361	2364	2368	rVV5	6824	9286	0.21%	0.021%

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ALS Vial : 9 Sample Multiplier: 1

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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
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37	17.134	2368	2371	2376	rVB7	5385	8675	0.19%	0.020%
38	17.187	2376	2380	2382	rBV5	5201	6371	0.14%	0.015%
39	17.269	2390	2394	2403	rBV5	10901	24128	0.54%	0.055%
40	17.381	2405	2413	2425	rBV	1785540	2905981	64.73%	6.650%
41	17.492	2425	2432	2456	rVB2	1364021	3348332	74.58%	7.663%
42	17.839	2487	2491	2497	rBV9	7689	15114	0.34%	0.035%
43	18.233	2554	2558	2570	rBV	297181	543906	12.11%	1.245%
44	18.886	2667	2669	2671	rBV3	8971	8077	0.18%	0.018%
45	19.298	2736	2739	2742	rBV3	25996	33938	0.76%	0.078%
46	19.463	2763	2767	2779	rBV	139796	257817	5.74%	0.590%
47	19.598	2788	2790	2794	rVB4	25407	26769	0.60%	0.061%
48	19.722	2805	2811	2833	rBV	2215697	4489698	100.00%	10.275%
49	21.169	3051	3057	3071	rVB2	239572	604818	13.47%	1.384%
50	21.486	3105	3111	3129	rBV2	1712835	3790289	84.42%	8.674%
51	22.686	3312	3315	3322	rVB	181164	241448	5.38%	0.553%
52	23.804	3499	3505	3523	rVB2	1958622	4409901	98.22%	10.092%
53	23.974	3527	3534	3555	rVB	1280581	3875304	86.32%	8.868%

Sum of corrected areas: 43697471

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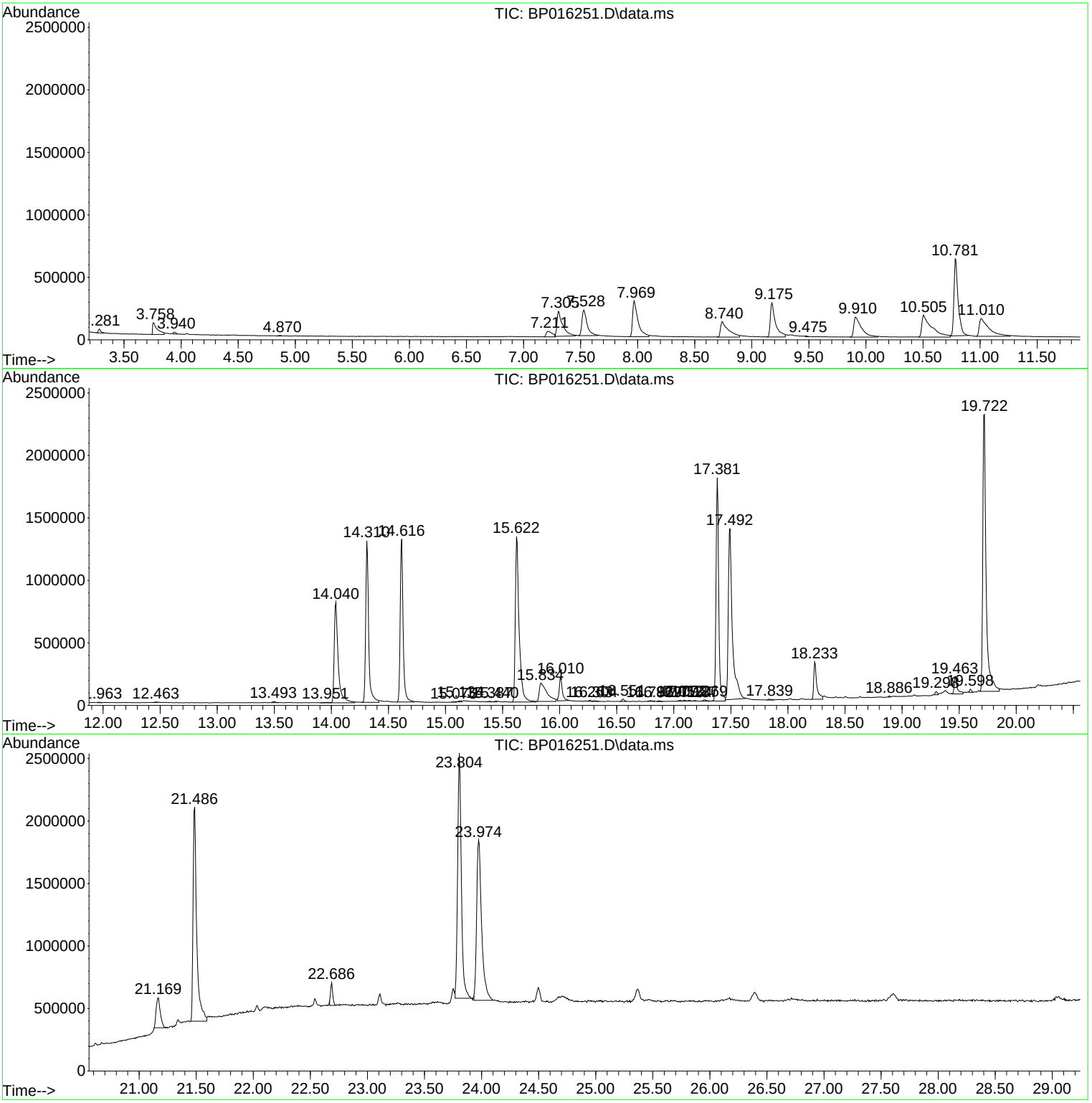
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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



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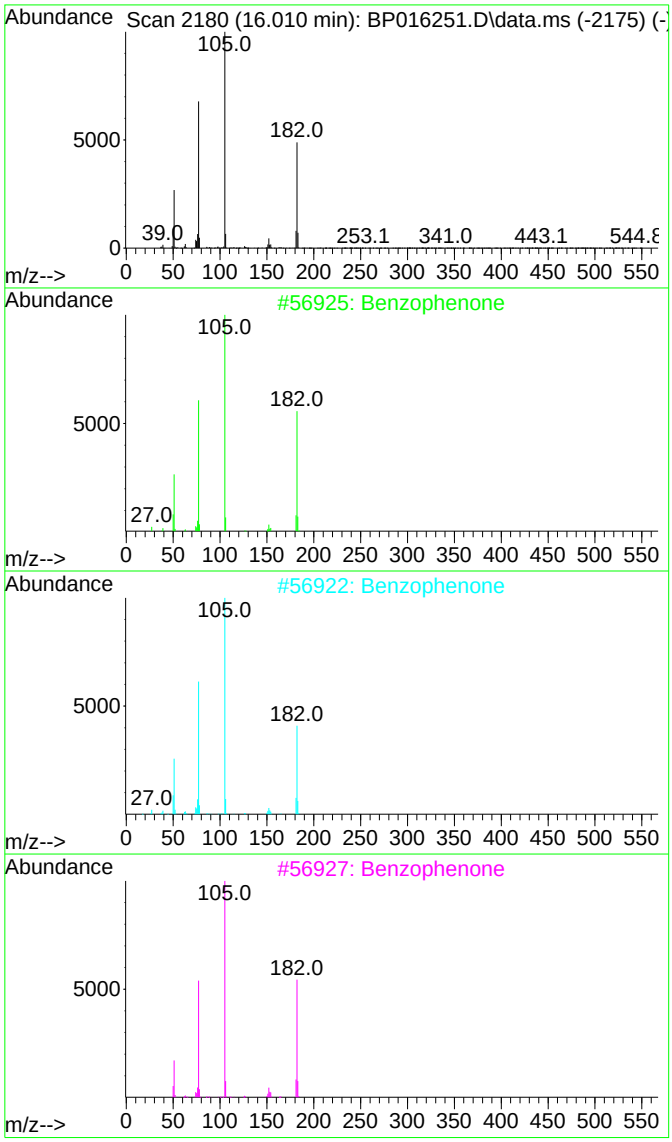
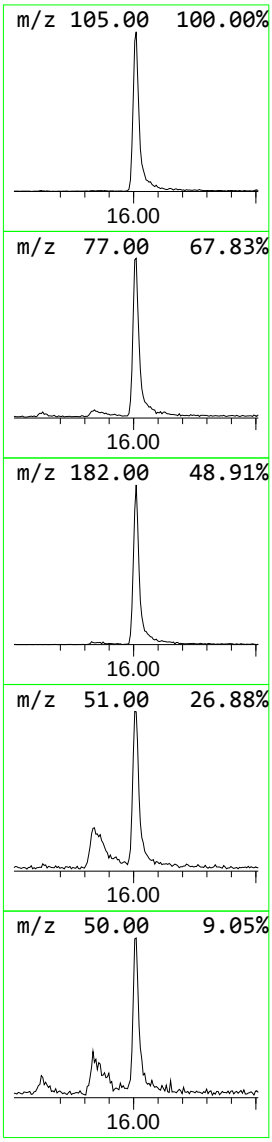
Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.010	2.38 ng/ul	345414	Phenanthrene-d10	17.381

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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

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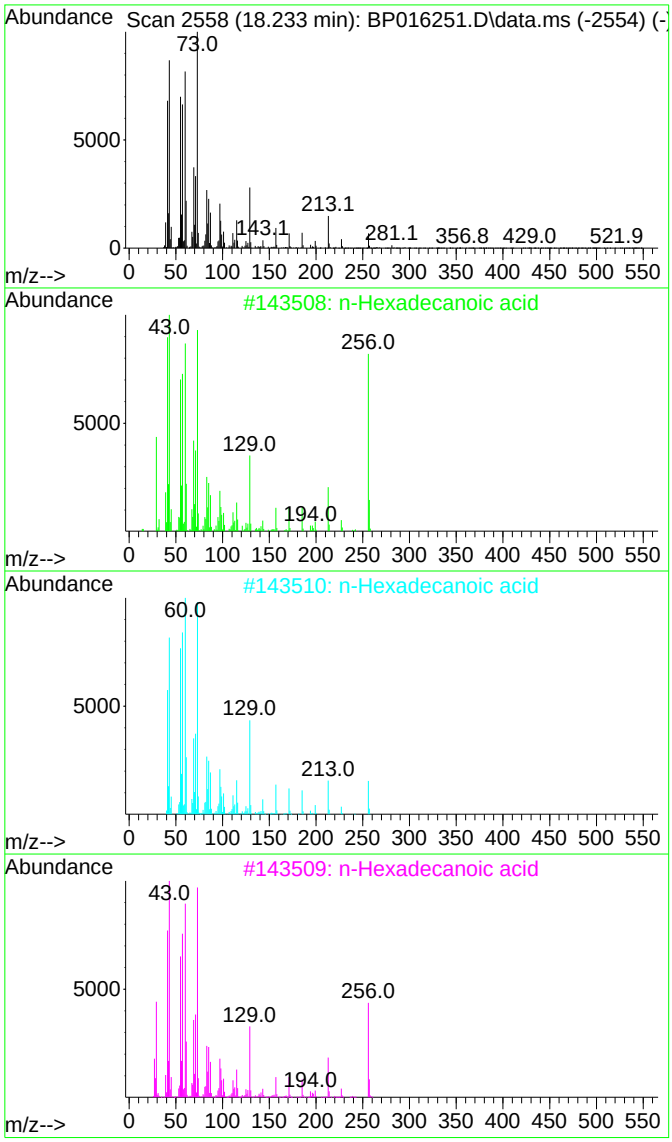
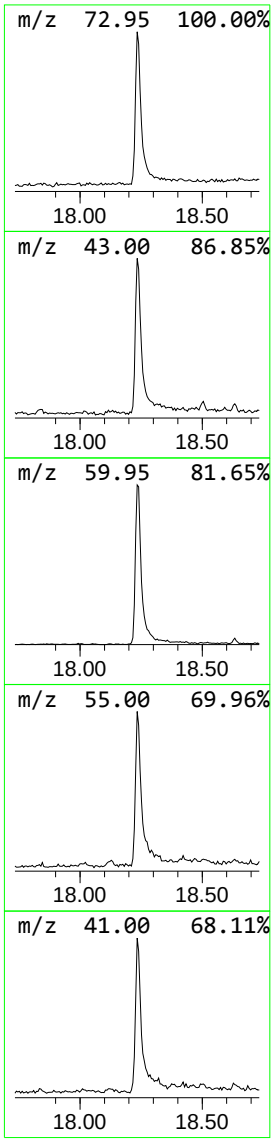
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	3.74 ng/ul	543906	Phenanthrene-d10	17.381

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	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

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

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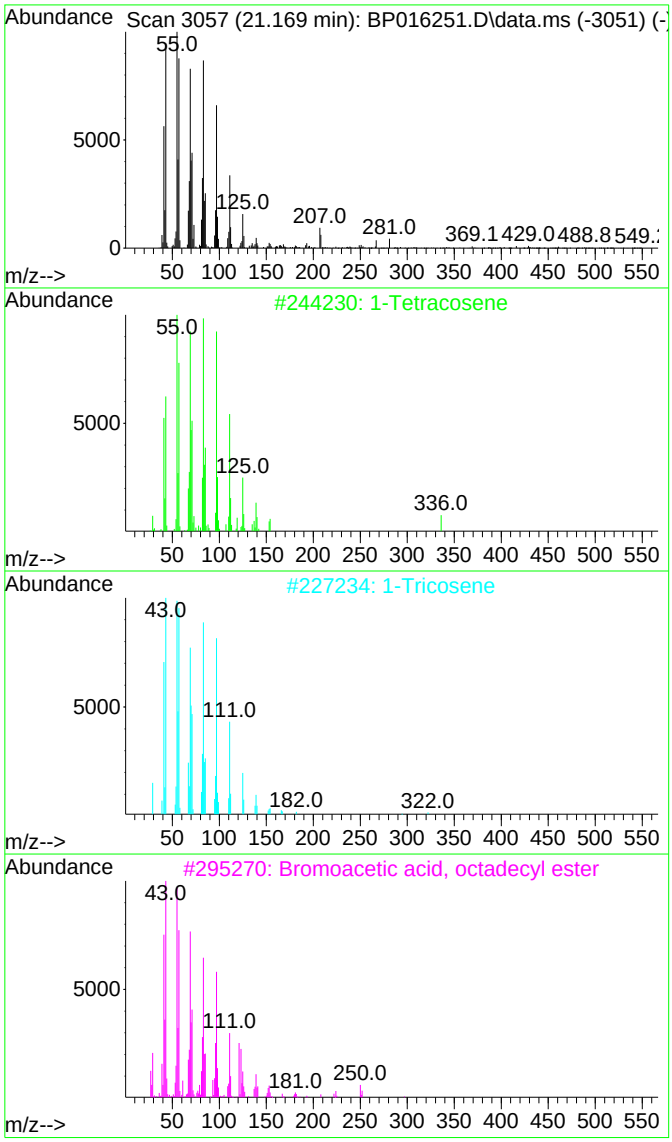
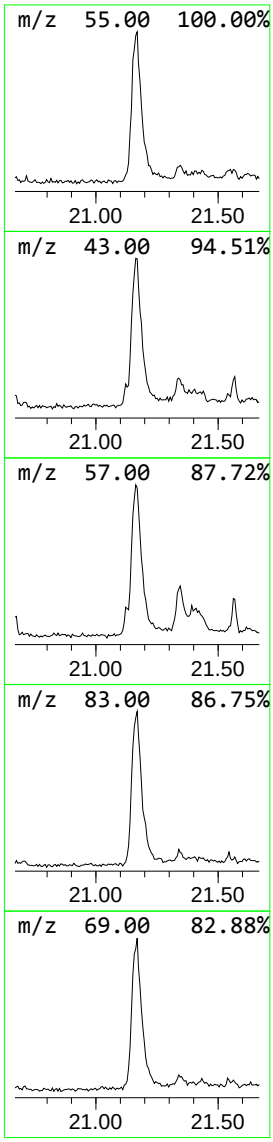
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	3.19 ng/ul	604818	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	95
2	1-Tricosene	322	C23H46	018835-32-0	94
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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	16.010	2.4	ng/ul	345414	4	17.381	2905980	20.0
n-Hexadecanoic ...	18.233	3.7	ng/ul	543906	4	17.381	2905980	20.0
(DEL) Alkane: S...	21.169	3.2	ng/ul	604818	5	21.486	3790290	20.0