LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013064.D
Acq On : 21 Nov 2017 03:23
Operator : SJ/JU
Sample : I6514-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B93

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	22	28	36	rVB	57115	84239	2.18%	0.163%
2	4.869	295	303	307	rBV3	31151	48107	1.24%	0.093%
3	6.887	639	646	656	rBV2	236903	515221	13.32%	0.995%
4	7.051	668	674	686	rBV	468763	725503	18.75%	1.402%
5	7.246	696	707	715	rBV	594101	925974	23.93%	1.789%
6	7.716	778	787	794	rBV	927269	1495881	38.66%	2.890%
7	7.951	819	827	835	rBV2	60274	103530	2.68%	0.200%
8	8.416	896	906	912	rBV	578524	917034	23.70%	1.772%
9	8.475	912	916	922	rVB	40665	73469	1.90%	0.142%
10	8.575	928	933	938	rVB3	47340	78686	2.03%	0.152%
11	8.828	968	976	977	rBV5	85259	133819	3.46%	0.259%
12	8.863	977	982	991	rVB	668328	1072490	27.72%	2.072%
13	9.110	1019	1024	1030	rBV6	33962	54902	1.42%	0.106%
14	9.581	1097	1104	1112	rBV	548234	894144	23.11%	1.728%
15	9.728	1124	1129	1136	rBV4	39350	79845	2.06%	0.154%
16	9.928	1155	1163	1169	rBV	94753	163419	4.22%	0.316%
17	10.116	1187	1195	1202	rBV	875855	1450140	37.48%	2.802%
18	10.181	1202	1206	1215	rVB2	94158	149766	3.87%	0.289%
19	10.492	1252	1259	1266	rBV	1370423	2224552	57.49%	4.298%
20	10.557	1266	1270	1276	rVB2	106699	161360	4.17%	0.312%
21	11.039	1347	1352	1358	rVB6	25715	43768	1.13%	0.085%
22	11.669	1452	1459	1463	rBV3	27263	46523	1.20%	0.090%
23	13.345	1738	1744	1748	rBV5	29179	46835	1.21%	0.090%
24	13.592	1783	1786	1795	rBV8	29894	62417	1.61%	0.121%
25	13.769	1810	1816	1821	rBV	1538420	2169395	56.07%	4.191%
26	13.810	1821	1823	1830	rVB	84000	107096	2.77%	0.207%
27	14.045	1849	1863	1869	rVB	1688564	2621181	67.74%	5.064%
28	14.145	1873	1880	1888	rBV6	33442	94560	2.44%	0.183%
29	14.222	1888	1893	1897	rVV2	100778	140431	3.63%	0.271%
30	14.351	1909	1915	1927	rVB2	2025383	3307050	85.47%	6.389%
31	14.557	1944	1950	1958	rBV	249298	384732	9.94%	0.743%
32	14.798	1985	1991	1994	rBV6	30789	59969	1.55%	0.116%
33	14.939	2009	2015	2020	rVB4	52276	118422	3.06%	0.229%
34	15.127	2040	2047	2050	rBV6	30404	54479	1.41%	0.105%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	15.216	2059	2062	2070	rVB8	37438	79890	2.06%	0.154%
36	15.345	2078	2084	2096	rBV	2098132	3161010	81.69%	6.107%
37	15.463	2096	2104	2113	rVB	691706	1023427	26.45%	1.977%
38	15.545	2113	2118	2122	rBV6	40411	76174	1.97%	0.147%
39	15.621	2128	2131	2136	rVB5	42200	57486	1.49%	0.111%
40	15.716	2143	2147	2149	rBV3	92561	122658	3.17%	0.237%
41	15.751	2149	2153	2158	rVB3	176541	278988	7.21%	0.539%
42	15.851	2163	2170	2179	rVB2	628418	1111323	28.72%	2.147%
43	15.998	2190	2195	2201	rVB4	99260	152547	3.94%	0.295%
44	16.080	2206	2209	2217	rVB5	40790	71822	1.86%	0.139%
45	16.198	2224	2229	2233	rBV	120763	172658	4.46%	0.334%
46	16.257	2233	2239	2243	rVV	235363	345929	8.94%	0.668%
47	16.392	2258	2262	2267	rBV6	44027	74136	1.92%	0.143%
48	16.439	2267	2270	2275	rVB3	31691	47391	1.22%	0.092%
49	16.498	2275	2280	2281	rBV5	42627	57696	1.49%	0.111%
50	16.616	2297	2300	2305	rVB7	30653	44818	1.16%	0.087%
51	16.768	2317	2326	2330	rBV2	93347	197620	5.11%	0.382%
52	16.816	2330	2334	2337	rVV6	34590	68850	1.78%	0.133%
53	16.857	2337	2341	2345	rVB5	49823	88621	2.29%	0.171%
54	16.921	2350	2352	2358	rVV5	34406	55702	1.44%	0.108%
55	16.986	2358	2363	2369	rVB	121428	171738	4.44%	0.332%
56	17.098	2375	2382	2388	rBV2	2707594	3869303	100.00%	7.476%
57	17.198	2388	2399	2405	rVB2	2225281	3281175	84.80%	6.339%
58	17.345	2419	2424	2428	rVB7	26065	46317	1.20%	0.089%
59	17.398	2428	2433	2440	rVV10	37819	83460	2.16%	0.161%
60	17.474	2444	2446	2454	rVB6	30439	40553	1.05%	0.078%
61	18.004	2531	2536	2545	rBV	598330	876959	22.66%	1.694%
62	18.274	2579	2582	2587	rVV2	138763	184211	4.76%	0.356%
63	18.321	2587	2590	2596	rVB7	38378	62193	1.61%	0.120%
64	18.780	2663	2668	2671	rBV3	65776	93735	2.42%	0.181%
65	19.109	2720	2724	2732	rBV2	109700	203719	5.27%	0.394%
66	19.292	2750	2755	2765	rBV	741176	965948	24.96%	1.866%
67	19.492	2783	2789	2797	rVB	2679784	3524444	91.09%	6.810%
68	20.368	2935	2938	2944	rBV8	39305	48882	1.26%	0.094%
69	20.433	2945	2949	2952	rVB4	51851	65671	1.70%	0.127%
70	20.527	2962	2965	2968	rBV5	41071	57165	1.48%	0.110%
71	21.009	3043	3047	3056	rBV	418908	567104	14.66%	1.096%

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Misc :
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Instrument : BNA_M
ClientSampleId : C0B93

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

72	21.280	3088	3093	3099	rBV	2997513	3765662	97.32%	7.276%
73	22.209	3248	3251	3259	rVB6	107639	150534	3.89%	0.291%
74	22.321	3267	3270	3273	rBV4	74105	100651	2.60%	0.194%
75	23.245	3424	3427	3435	rVB7	128280	197346	5.10%	0.381%
76	23.368	3441	3448	3454	rBV2	1326598	2508954	64.84%	4.847%
77	23.509	3466	3472	3480	rVB	1500344	2805535	72.51%	5.421%
78	24.074	3565	3568	3573	rVB4	117803	188767	4.88%	0.365%

Sum of corrected areas: 51757711

LSC Report - Integrated Chromatogram

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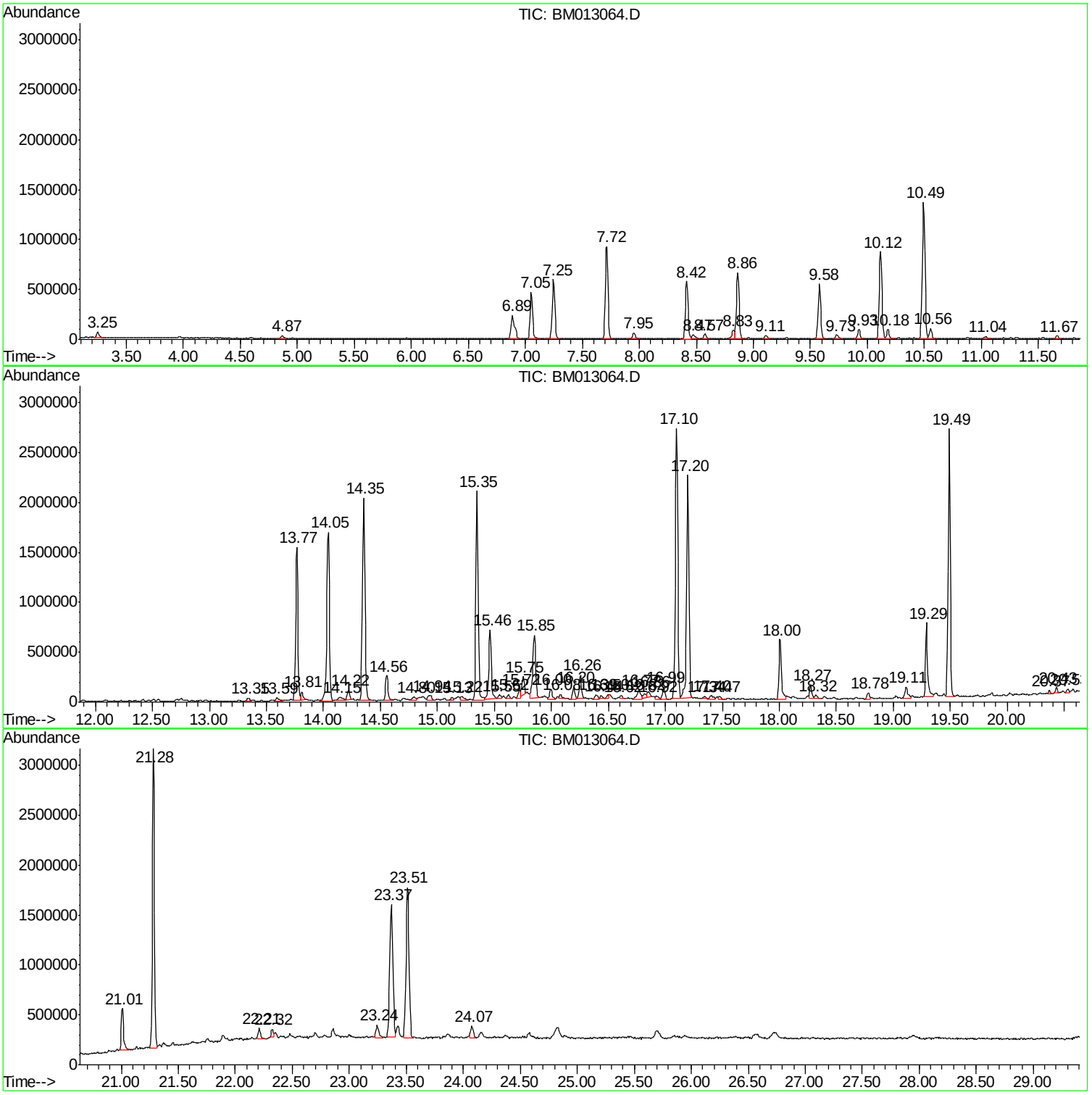
Operator : SJ/JU
Sample : I6514-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Operator : SJ/JU
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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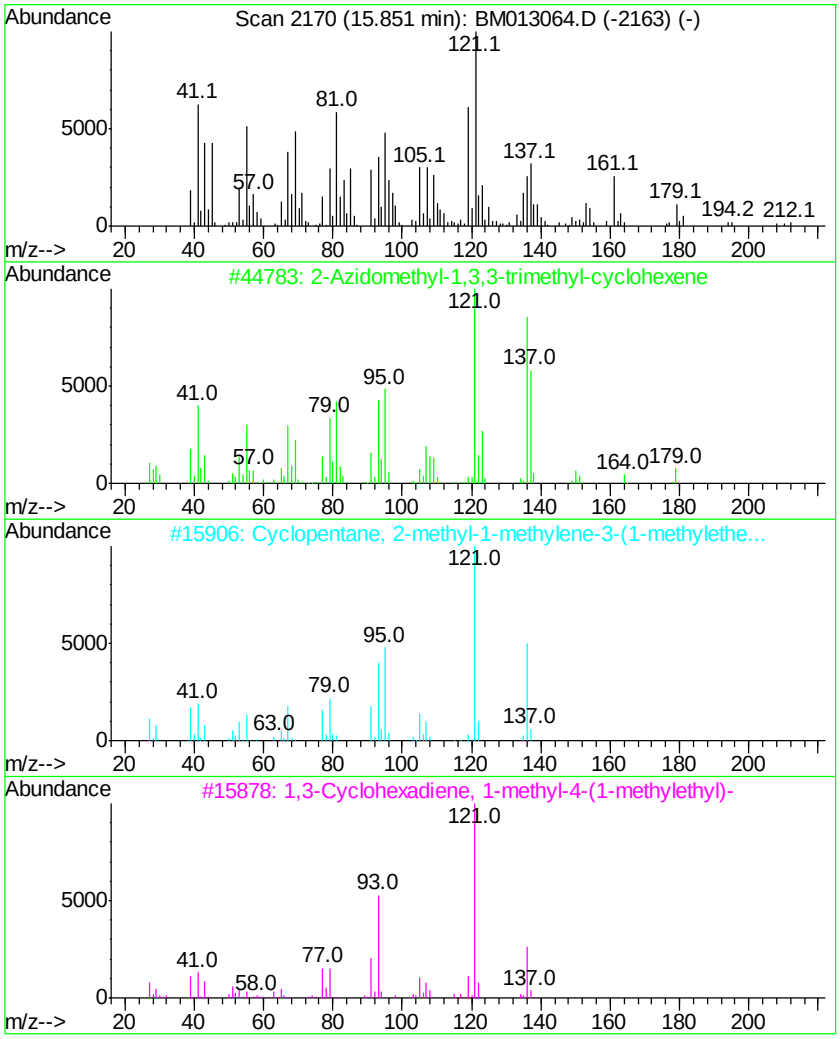
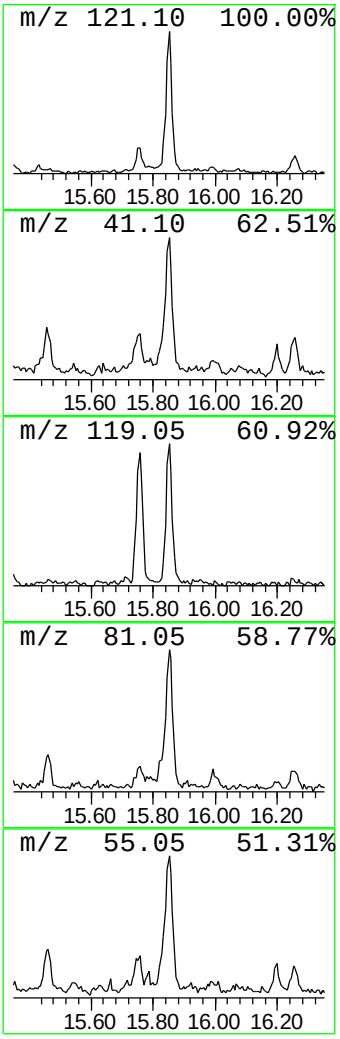
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	5.74 ng/ul	1111320	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azidomethyl-1,3,3-trimethyl-cy...	179	C10H17N3	090073-44-2	43
2	Cyclopentane, 2-methyl-1-methyle...	136	C10H16	056710-83-9	43
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	25
4	1-Methyl-1,2,3,4-tetrahydropyrro...	136	C8H12N2	1000305-37-9	25
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	22





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TIC Library : C:\DATABASE\NIST11.L
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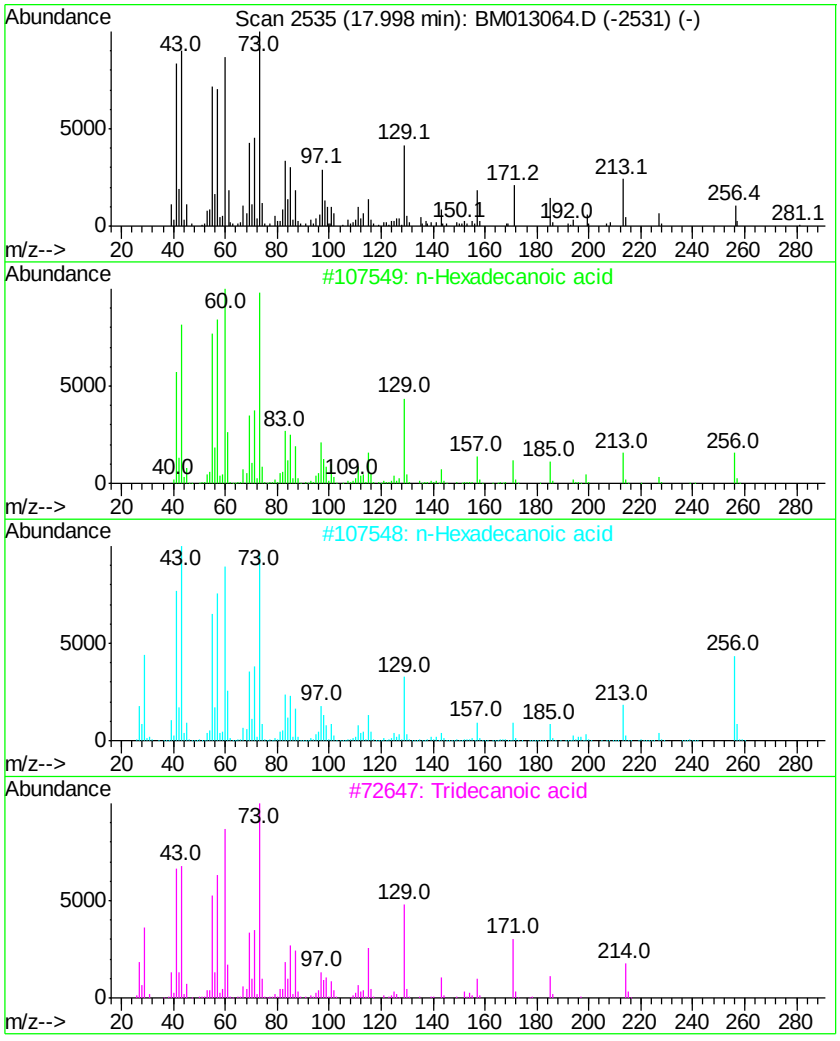
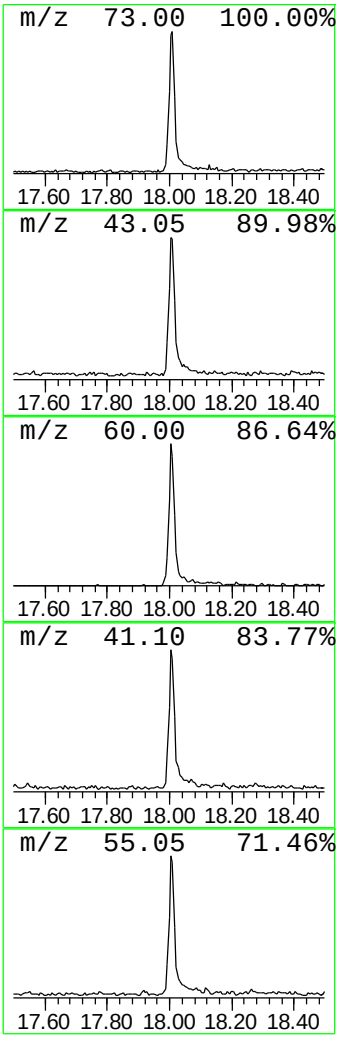
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.53 ng/ul	876959	Phenanthrene-d10	17.10

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	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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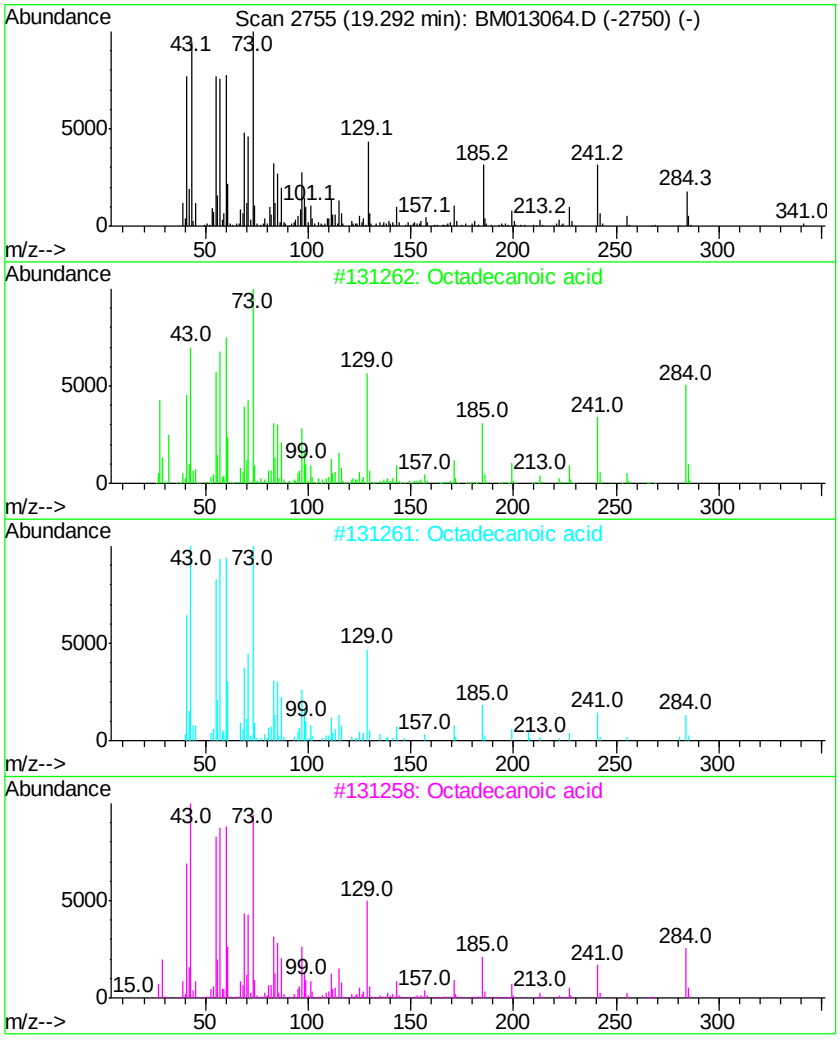
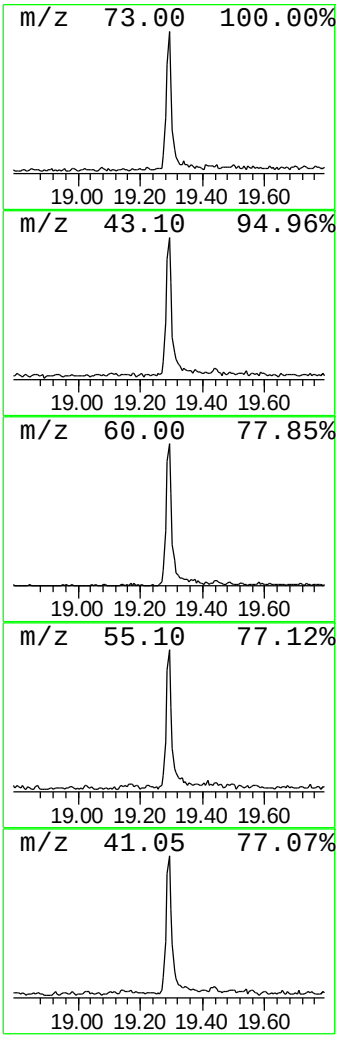
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	5.13 ng/ul	965948	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	n-Decanoic acid	172	C10H20O2	000334-48-5	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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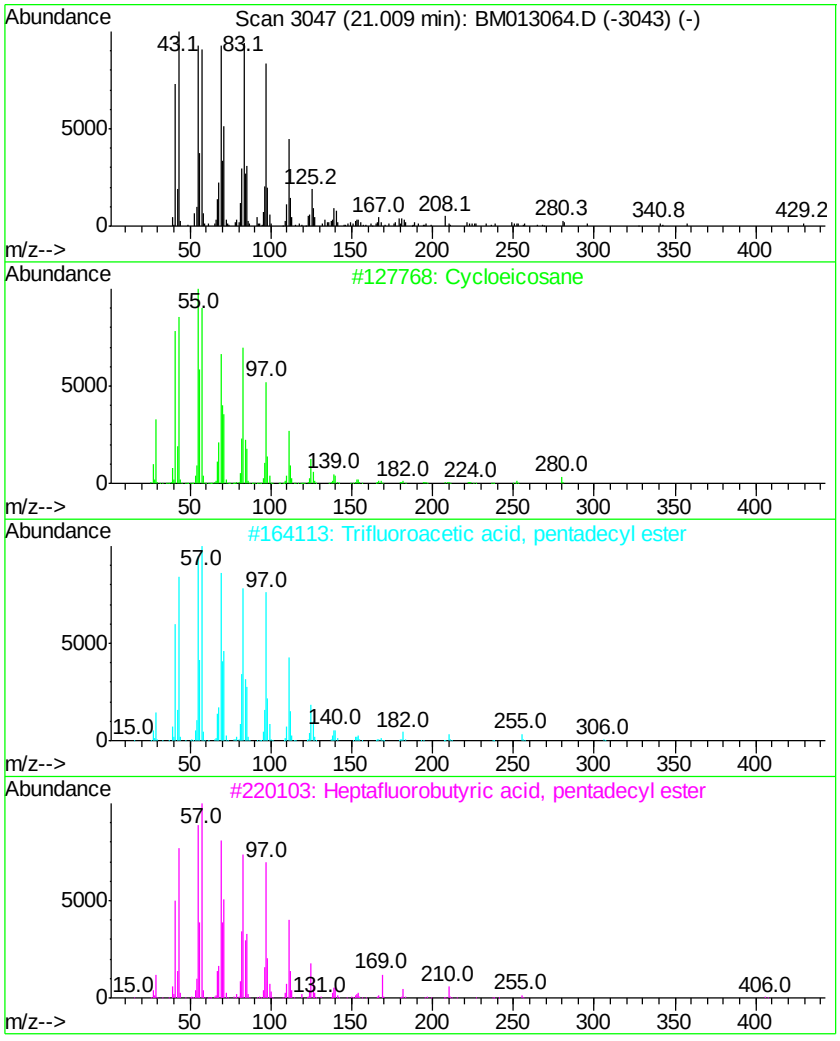
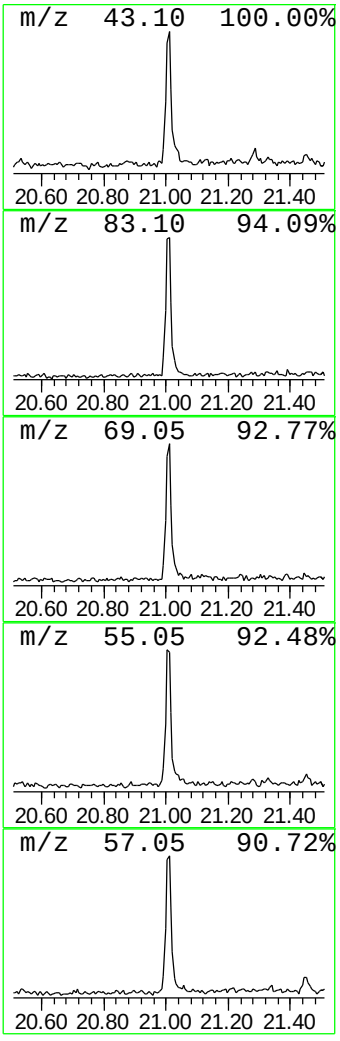
Peak Number 4 (DEL) Alkane: Cyclic21.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.01 ng/ul	567104	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	15.85	5.7	ng/ul	1111320	4	17.10	3869300	20.0
n-Hexadecanoic acid	18.00	4.5	ng/ul	876959	4	17.10	3869300	20.0
Octadecanoic acid	19.29	5.1	ng/ul	965948	5	21.28	3765660	20.0
(DEL) Alkane: Cyc...	21.01	3.0	ng/ul	567104	5	21.28	3765660	20.0