LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122617\
Data File : BM013535.D
Acq On : 26 Dec 2017 15:27
Operator : SJ/JU
Sample : I7046-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FL5

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-BM113017.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	3.216	20	22	27	rVB5	33697	49715	1.18%	0.085%
2	6.851	633	640	651	rVB2	807281	1518890	36.05%	2.600%
3	7.010	661	667	678	rVB	621242	963816	22.87%	1.650%
4	7.204	692	700	708	rBV	860332	1358671	32.25%	2.326%
5	7.669	773	779	787	rVB	769222	1220968	28.98%	2.090%
6	8.375	893	899	910	rBV	1043449	1695160	40.23%	2.902%
7	8.822	967	975	983	rBV	886583	1457700	34.60%	2.495%
8	9.539	1090	1097	1110	rBV	738497	1251951	29.71%	2.143%
9	10.075	1180	1188	1205	rBV	1100552	1932893	45.87%	3.309%
10	10.445	1240	1251	1259	rBV	1114527	1802419	42.78%	3.085%
11	10.592	1266	1276	1289	rBV	835956	1502928	35.67%	2.573%
12	11.986	1506	1513	1519	rBV2	31305	58017	1.38%	0.099%
13	13.133	1702	1708	1716	rBB2	53866	84063	2.00%	0.144%
14	13.727	1802	1809	1813	rBV	2050405	2782474	66.04%	4.763%
15	13.774	1813	1817	1824	rVV	539390	784685	18.62%	1.343%
16	14.004	1844	1856	1862	rBV	2227486	3338289	79.23%	5.715%
17	14.216	1887	1892	1899	rBV	164210	218210	5.18%	0.374%
18	14.310	1901	1908	1916	rVV2	1572153	2425367	57.56%	4.152%
19	14.533	1939	1946	1956	rBV	482700	935579	22.20%	1.602%
20	14.657	1963	1967	1975	rBV8	25279	55161	1.31%	0.094%
21	14.833	1992	1997	2004	rVB5	35825	61711	1.46%	0.106%
22	15.169	2049	2054	2059	rVB	172550	226823	5.38%	0.388%
23	15.310	2072	2078	2084	rBV	2786734	3830827	90.92%	6.558%
24	15.445	2095	2101	2110	rBV	584800	891199	21.15%	1.526%
25	15.551	2115	2119	2121	rBV4	40244	53595	1.27%	0.092%
26	16.033	2196	2201	2210	rBV2	148151	239259	5.68%	0.410%
27	16.380	2254	2260	2263	rBV7	30524	58377	1.39%	0.100%
28	16.827	2332	2336	2340	rBV2	80085	98526	2.34%	0.169%
29	16.968	2355	2360	2367	rBV7	34117	57466	1.36%	0.098%
30	17.062	2367	2376	2385	rBV2	1963147	2774357	65.85%	4.749%
31	17.162	2385	2393	2404	rBV	2751234	3980456	94.47%	6.814%
32	17.562	2457	2461	2465	rBV3	40073	49469	1.17%	0.085%
33	17.839	2501	2508	2515	rBV9	31140	71239	1.69%	0.122%
34	17.904	2515	2519	2523	rVV6	31927	44343	1.05%	0.076%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I7046-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FL5

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Title : SVOA CALIBRATION

35	17.968	2524	2530	2546	rVV2	479169	773748	18.36%	1.325%
36	18.262	2575	2580	2586	rBV6	48469	82292	1.95%	0.141%
37	19.098	2718	2722	2724	rBV3	62973	83378	1.98%	0.143%
38	19.127	2724	2727	2737	rVB9	70042	146549	3.48%	0.251%
39	19.251	2743	2748	2756	rBV2	303356	466293	11.07%	0.798%
40	19.462	2777	2784	2790	rBV	3032304	4213406	100.00%	7.213%
41	19.515	2790	2793	2798	rVB3	74291	80094	1.90%	0.137%
42	19.986	2868	2873	2881	rBV5	94750	167068	3.97%	0.286%
43	20.374	2935	2939	2942	rBV6	30334	46353	1.10%	0.079%
44	20.968	3036	3040	3051	rBV	713769	991879	23.54%	1.698%
45	21.180	3072	3076	3079	rVB4	49654	65195	1.55%	0.112%
46	21.250	3083	3088	3096	rBV	1909204	2572324	61.05%	4.403%
47	21.368	3105	3108	3111	rVB4	59835	68196	1.62%	0.117%
48	21.862	3186	3192	3203	rBV	706601	1094336	25.97%	1.873%
49	22.421	3285	3287	3291	rVB3	95121	118634	2.82%	0.203%
50	22.797	3348	3351	3356	rVB5	101444	157076	3.73%	0.269%
51	22.850	3356	3360	3366	rBV8	89120	164169	3.90%	0.281%
52	23.333	3436	3442	3454	rVB2	1767076	3455785	82.02%	5.916%
53	23.474	3460	3466	3475	rVB	1183311	2134130	50.65%	3.653%
54	27.021	4062	4069	4085	rVB7	427713	1505194	35.72%	2.577%
55	27.732	4182	4190	4208	rVB6	608516	2155301	51.15%	3.690%

Sum of corrected areas: 58416003

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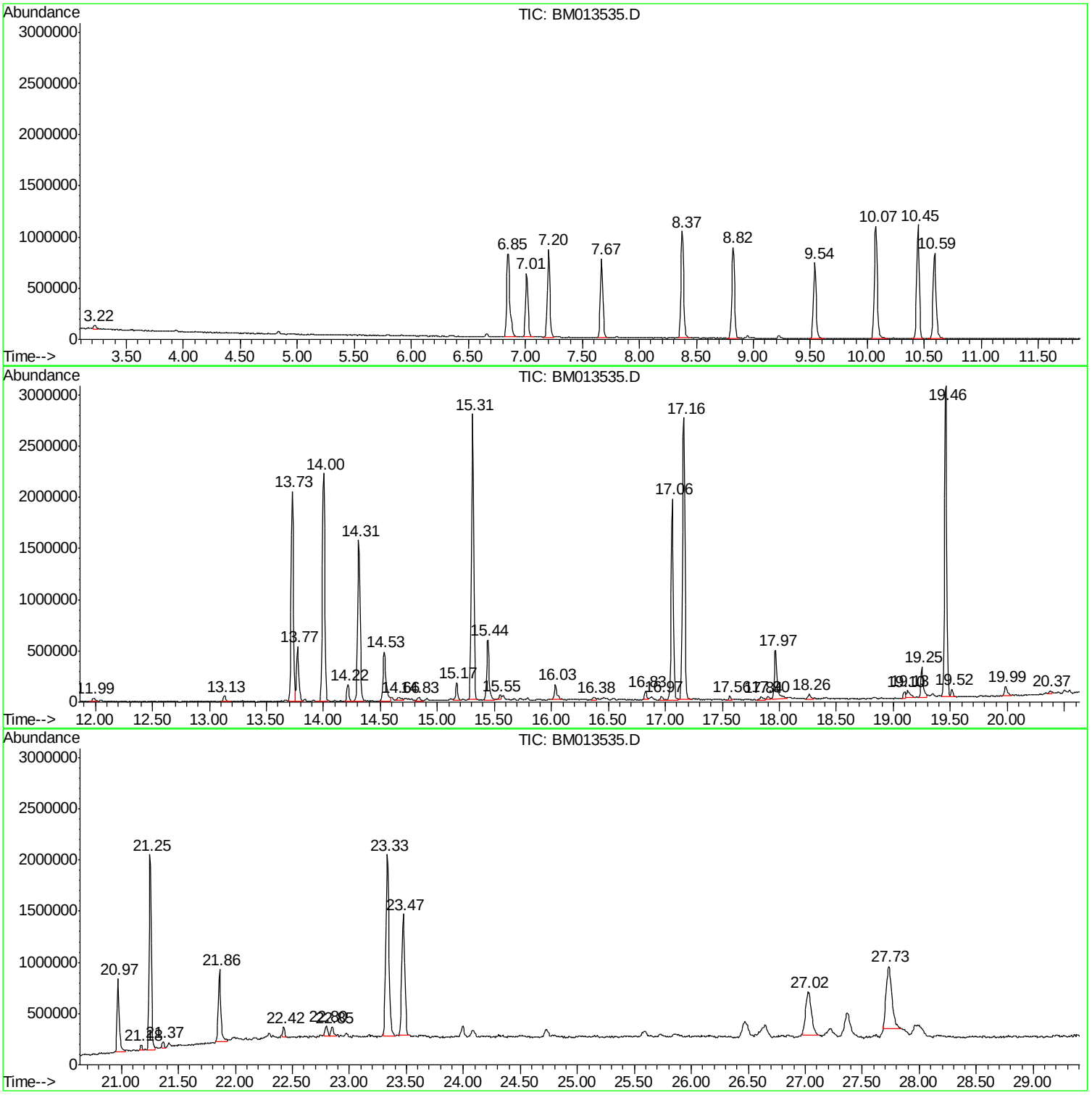
Operator : SJ/JU
Sample : I7046-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM013535.D
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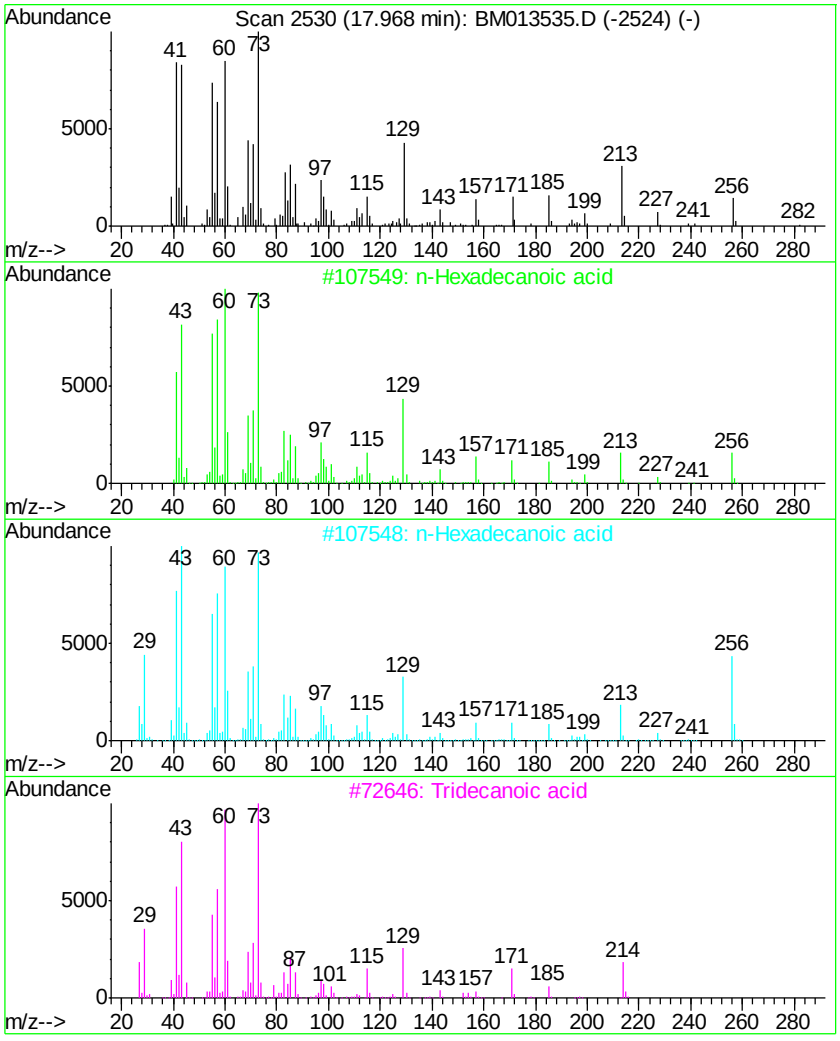
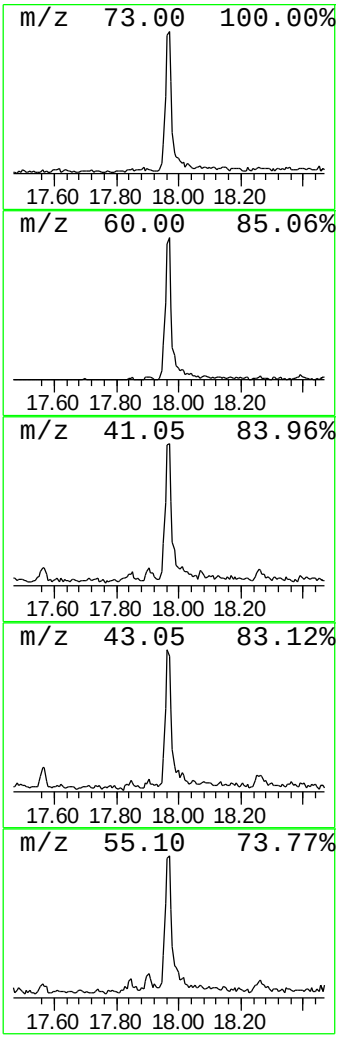
Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.58 ng/ul	773748	Phenanthrene-d10	17.06

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	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Acq On : 26 Dec 2017 15:27
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Sample : I7046-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FL5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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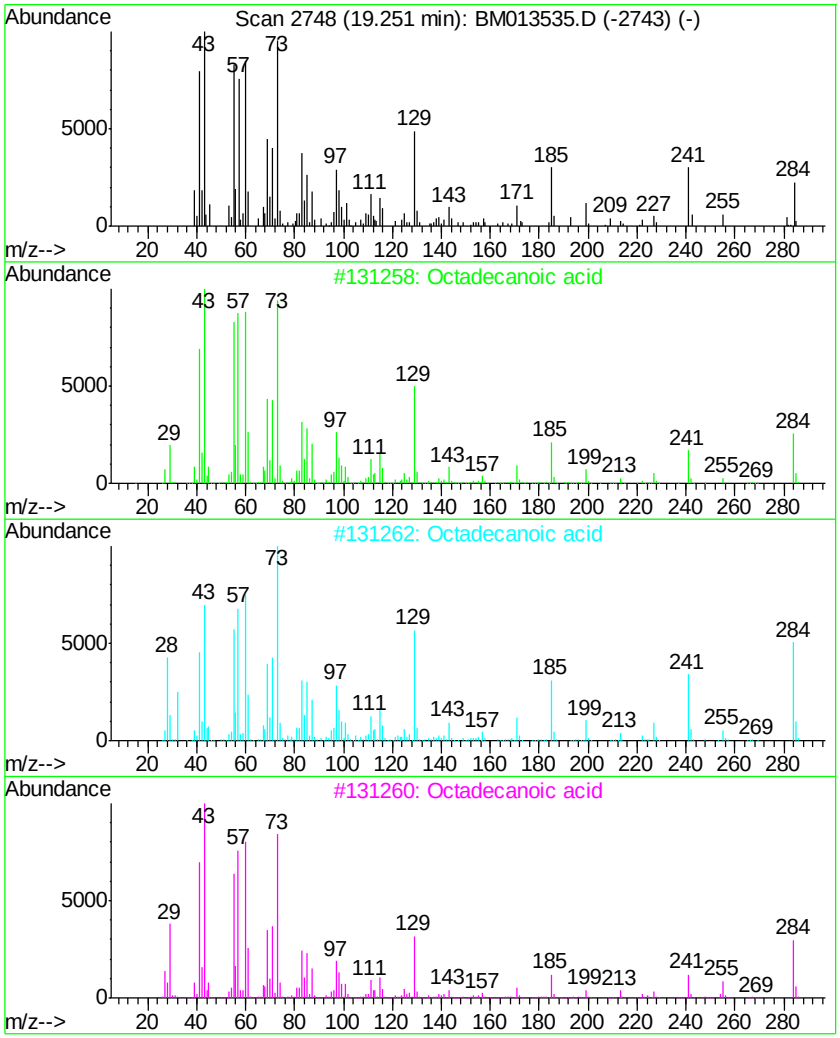
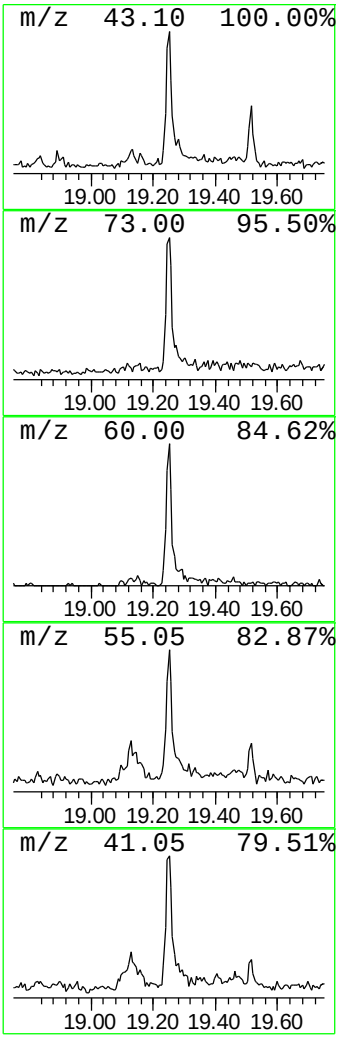
Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.63 ng/ul	466293	Chrysene-d12	21.25

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	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Operator : SJ/JU
Sample : I7046-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FL5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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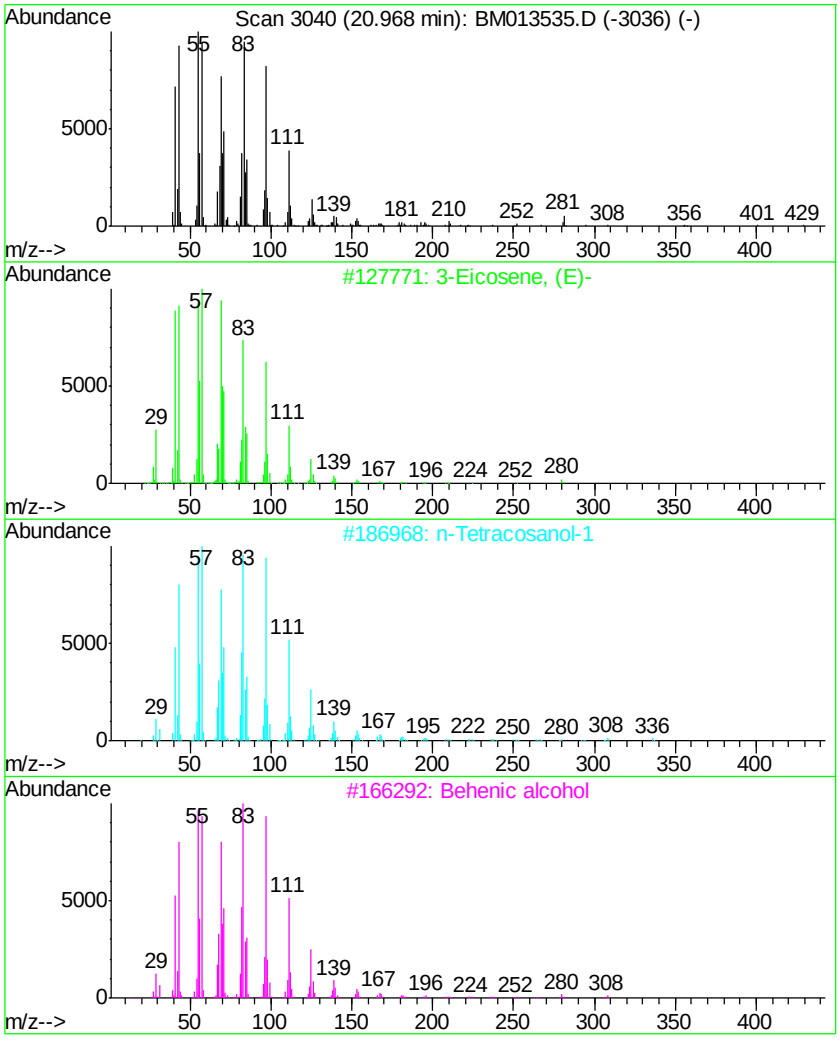
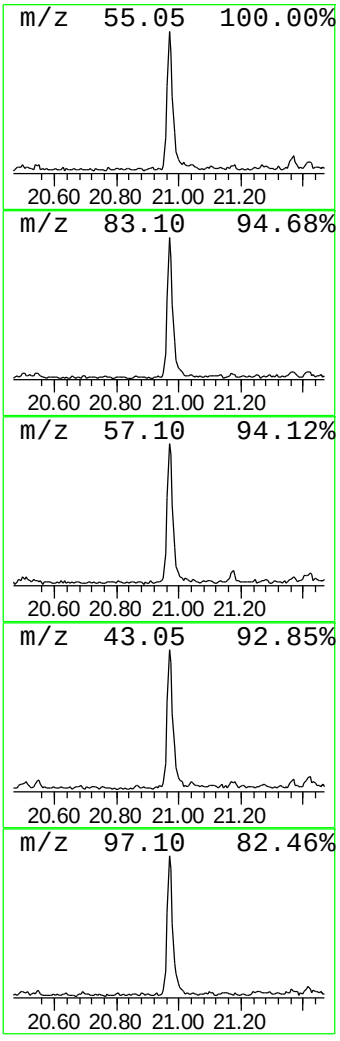
Peak Number 3 (DEL) Alkane: Cyclic20.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.71 ng/ul	991879	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
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	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0FL5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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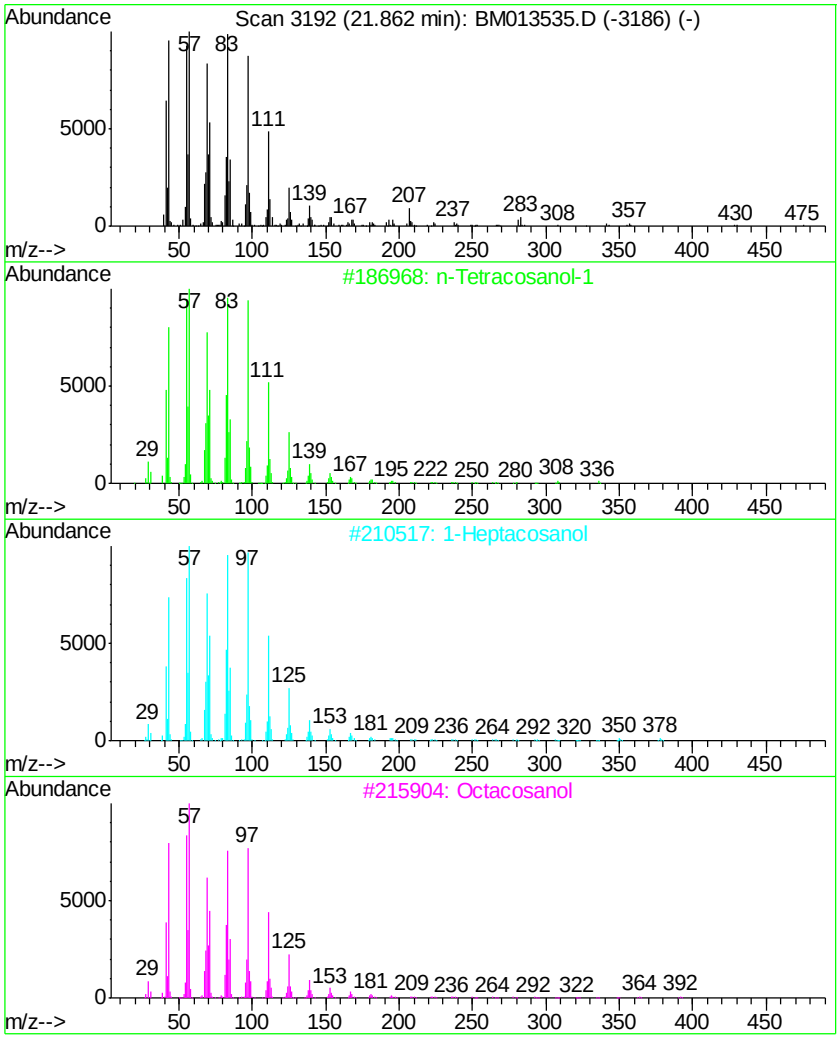
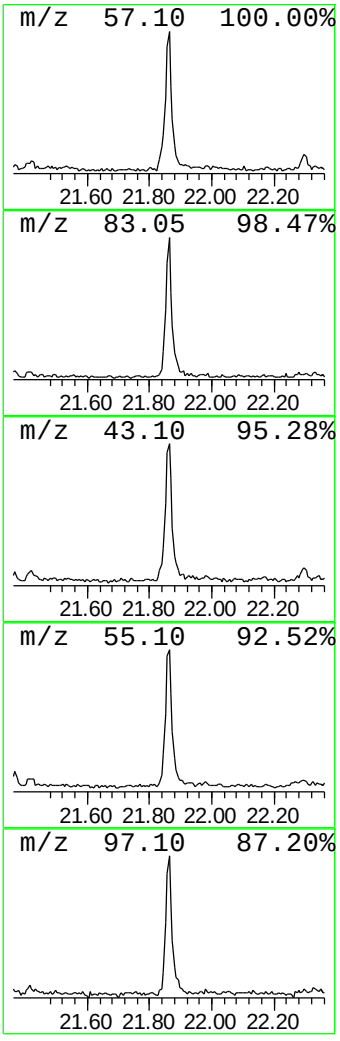
Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	8.51 ng/ul	1094340	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Octacosanol	410	C28H58O	000557-61-9	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Instrument : BNA_M
ClientSampleId : C0FL5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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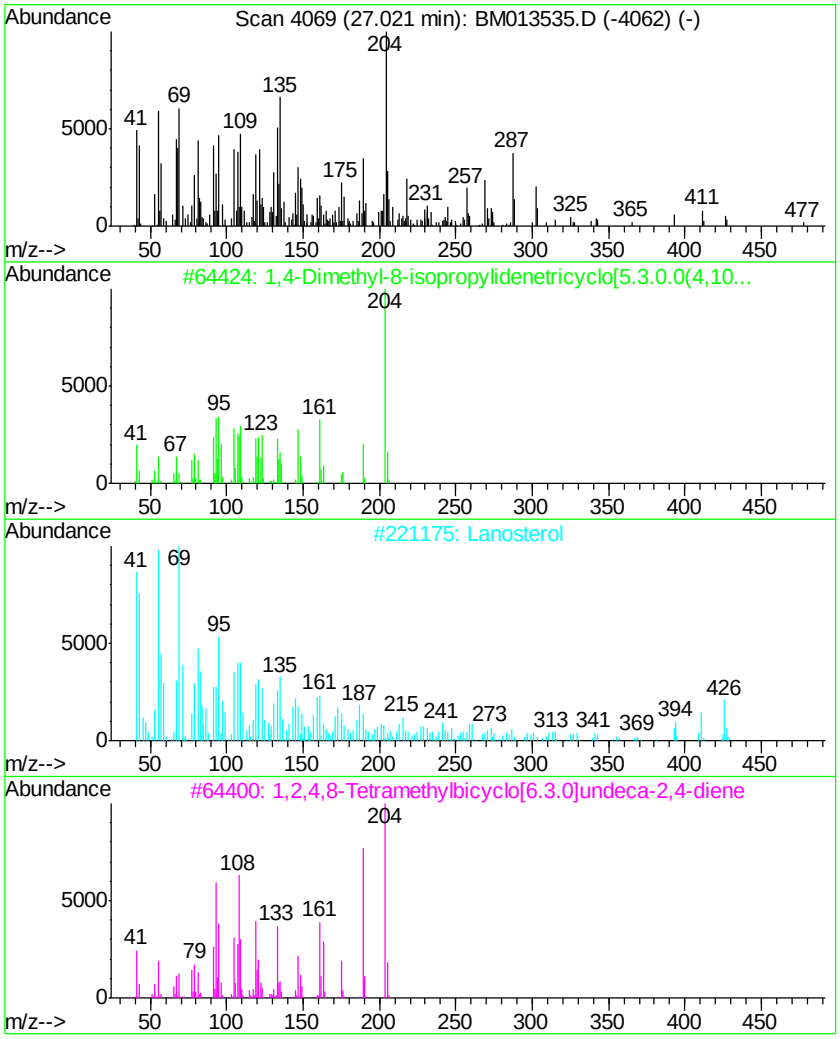
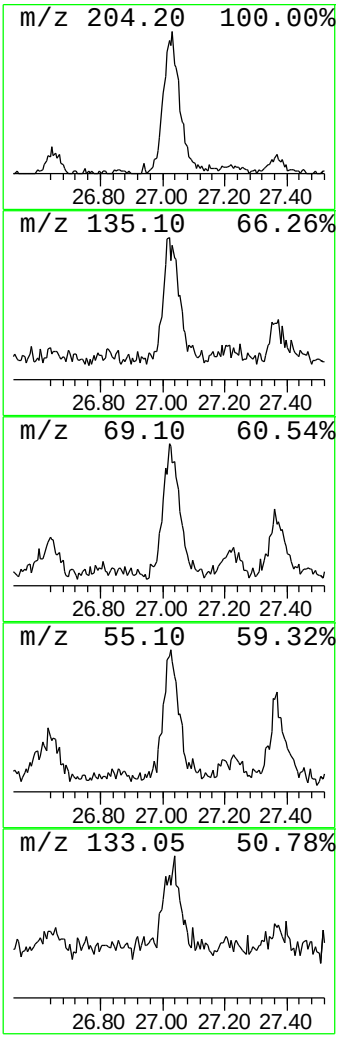
Peak Number 5 1,4-Dimethyl-8-isopropylide... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.02	14.11 ng/ul	1505190	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	62
2	Lanosterol	426	C30H50O	000079-63-0	49
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	43
5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	41





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Quant Title : SVOA CALIBRATION

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

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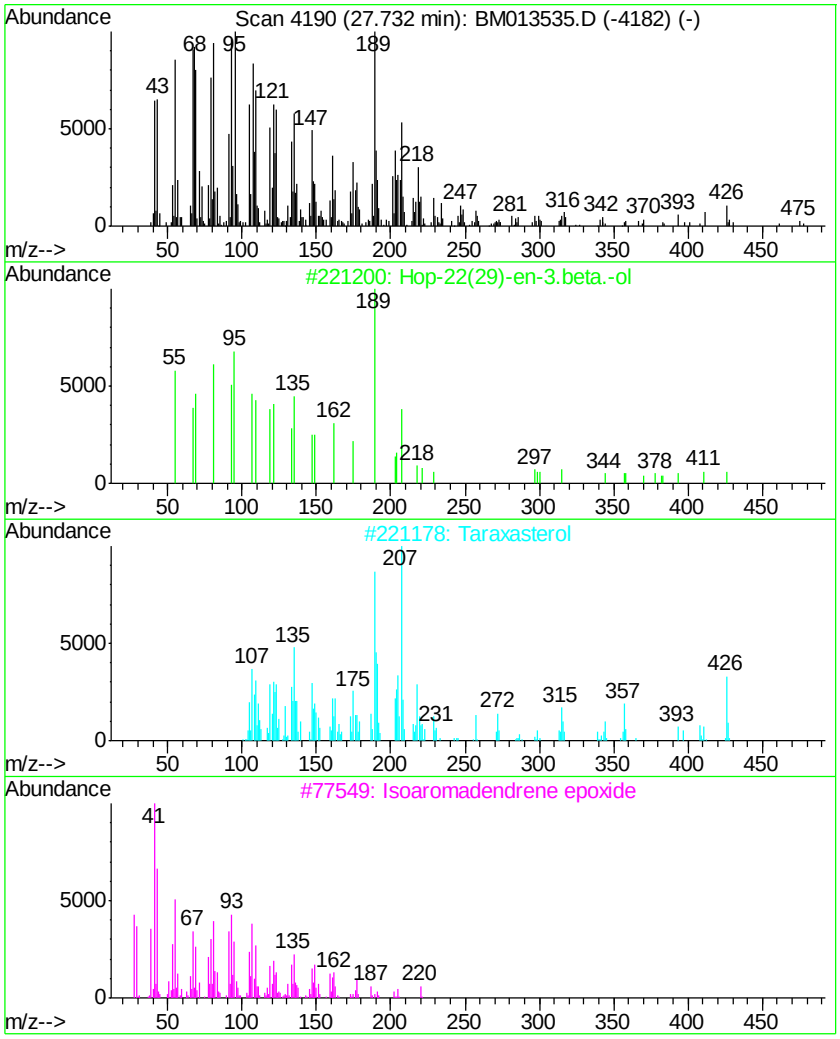
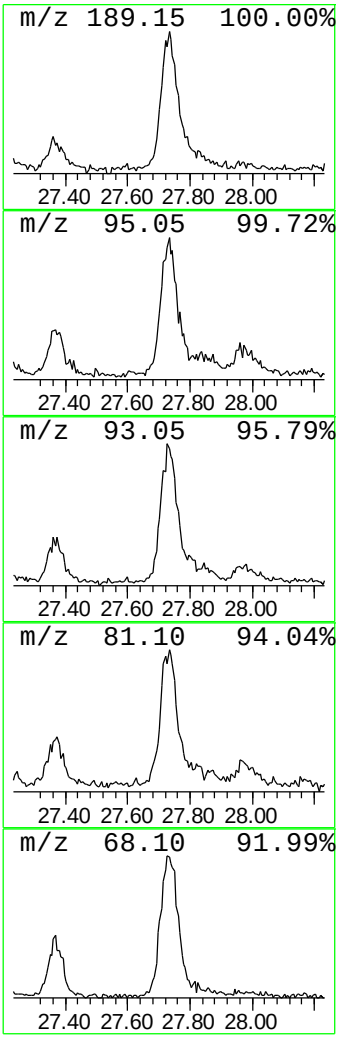
Peak Number 6 Hop-22(29)-en-3.beta.-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.73	20.20 ng/ul	2155300	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	86
2	Taraxasterol	426	C30H50O	001059-14-9	60
3	Isoaromadendrene epoxide	220	C15H24O	1000159-36-6	55
4	Guaia-9,11-diene	204	C15H24	1000374-19-8	50
5	5-Azulenemethanol, 1,2,3,4,5,6,7...	264	C17H28O2	000134-28-1	43





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
n-Hexadecanoic acid	17.97	5.6	ng/ul	773748	4	17.06	2774360	20.0
Octadecanoic acid	19.25	3.6	ng/ul	466293	5	21.25	2572320	20.0
(DEL) Alkane: Cyc...	20.97	7.7	ng/ul	991879	5	21.25	2572320	20.0
n-Tetracosanol-1	21.86	8.5	ng/ul	1094340	5	21.25	2572320	20.0
1,4-Dimethyl-8-is...	27.02	14.1	ng/ul	1505190	6	23.47	2134130	20.0
Hop-22(29)-en-3.b...	27.73	20.2	ng/ul	2155300	6	23.47	2134130	20.0