LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
Acq On : 21 Jun 2017 23:04
Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

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-BM062017.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	6.646	633	639	649	rBV	261447	424089	17.35%	1.365%
2	6.816	661	668	676	rBB	192091	283443	11.60%	0.913%
3	6.998	694	699	706	rBV	278728	416701	17.05%	1.342%
4	7.463	771	778	785	rBB	287906	438793	17.95%	1.413%
5	8.169	891	898	904	rBV	365252	556317	22.76%	1.791%
6	8.604	965	972	980	rBV	276867	436272	17.85%	1.405%
7	9.322	1087	1094	1102	rBB	269154	416389	17.04%	1.341%
8	9.851	1177	1184	1193	rBB	414368	644693	26.38%	2.076%
9	10.228	1241	1248	1253	rBV	417282	677092	27.70%	2.180%
10	10.369	1265	1272	1281	rVB	293580	487075	19.93%	1.568%
11	11.898	1527	1532	1539	rBB2	18026	27675	1.13%	0.089%
12	12.933	1703	1708	1715	rBB4	20250	31601	1.29%	0.102%
13	13.433	1788	1793	1797	rVB2	22370	36511	1.49%	0.118%
14	13.533	1805	1810	1815	rBV	833647	1170565	47.90%	3.769%
15	13.580	1815	1818	1824	rVB	431597	569313	23.29%	1.833%
16	13.804	1849	1856	1865	rVB	870799	1238663	50.68%	3.988%
17	14.116	1902	1909	1915	rBV2	735323	1070474	43.80%	3.447%
18	14.180	1915	1920	1928	rVB	64641	96547	3.95%	0.311%
19	14.322	1939	1944	1954	rBB	438437	623975	25.53%	2.009%
20	14.516	1966	1977	1981	rBV	86134	130737	5.35%	0.421%
21	15.004	2055	2060	2065	rVB2	23459	28705	1.17%	0.092%
22	15.116	2073	2079	2084	rBV	1159074	1590338	65.07%	5.120%
23	15.169	2084	2088	2093	rVV	84378	110919	4.54%	0.357%
24	15.239	2094	2100	2107	rVB	420481	562580	23.02%	1.811%
25	15.468	2134	2139	2143	rBV2	31100	40283	1.65%	0.130%
26	15.616	2159	2164	2171	rVB3	30056	58972	2.41%	0.190%
27	15.868	2205	2207	2211	rVB2	25263	25665	1.05%	0.083%
28	16.521	2314	2318	2325	rVB	70624	99079	4.05%	0.319%
29	16.686	2343	2346	2351	rVB	42886	51839	2.12%	0.167%
30	16.868	2371	2377	2381	rBV	1029719	1413333	57.83%	4.550%
31	16.910	2381	2384	2389	rVV	541149	717224	29.35%	2.309%
32	16.968	2389	2394	2406	rVB	1358314	1894613	77.52%	6.100%
33	17.274	2442	2446	2450	rVB	21474	28146	1.15%	0.091%
34	17.745	2522	2526	2530	rBV	39329	44843	1.83%	0.144%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
Acq On : 21 Jun 2017 23:04
Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

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-BM062017.M
Title : SVOA CALIBRATION

35	17.792	2530	2534	2543	rVV2	244011	300369	12.29%	0.967%
36	17.868	2543	2547	2551	rVV4	15991	25606	1.05%	0.082%
37	17.939	2551	2559	2563	rVV3	38448	67058	2.74%	0.216%
38	17.980	2563	2566	2571	rVB2	19029	30462	1.25%	0.098%
39	18.257	2607	2613	2616	rBV	24968	33547	1.37%	0.108%
40	18.292	2616	2619	2623	rVB2	27254	33957	1.39%	0.109%
41	18.939	2725	2729	2738	rVB	360060	461058	18.87%	1.484%
42	19.092	2750	2755	2761	rBV	122716	146460	5.99%	0.472%
43	19.245	2776	2781	2784	rBV	2100115	2443956	100.00%	7.869%
44	19.280	2784	2787	2800	rVB2	1682607	2333478	95.48%	7.513%
45	19.815	2873	2878	2883	rVB2	21662	41320	1.69%	0.133%
46	19.962	2899	2903	2908	rBV6	17060	24794	1.01%	0.080%
47	20.303	2956	2961	2966	rBV	1289661	1397083	57.16%	4.498%
48	20.727	3029	3033	3036	rBV4	21779	28086	1.15%	0.090%
49	20.821	3044	3049	3053	rBV3	163028	194699	7.97%	0.627%
50	21.086	3087	3094	3098	rVV	1467393	1949847	79.78%	6.278%
51	21.121	3098	3100	3103	rVB	53412	51153	2.09%	0.165%
52	21.692	3194	3197	3200	rBV5	21342	27651	1.13%	0.089%
53	22.133	3268	3272	3276	rBV5	39553	56548	2.31%	0.182%
54	22.609	3346	3353	3358	rBV4	86879	155609	6.37%	0.501%
55	23.092	3428	3435	3441	rBV2	1250354	2175403	89.01%	7.004%
56	23.150	3441	3445	3450	rVB3	104709	171599	7.02%	0.552%
57	23.227	3451	3458	3466	rVB	887281	1576405	64.50%	5.075%
58	23.756	3543	3548	3555	rVB4	112101	213912	8.75%	0.689%
59	23.833	3559	3561	3565	rVB4	35751	47694	1.95%	0.154%
60	24.462	3662	3668	3676	rVB2	111265	239365	9.79%	0.771%
61	25.280	3803	3807	3815	rVB7	86815	185338	7.58%	0.597%
62	26.232	3963	3969	3980	rVB5	70501	203290	8.32%	0.655%

Sum of corrected areas: 31059211

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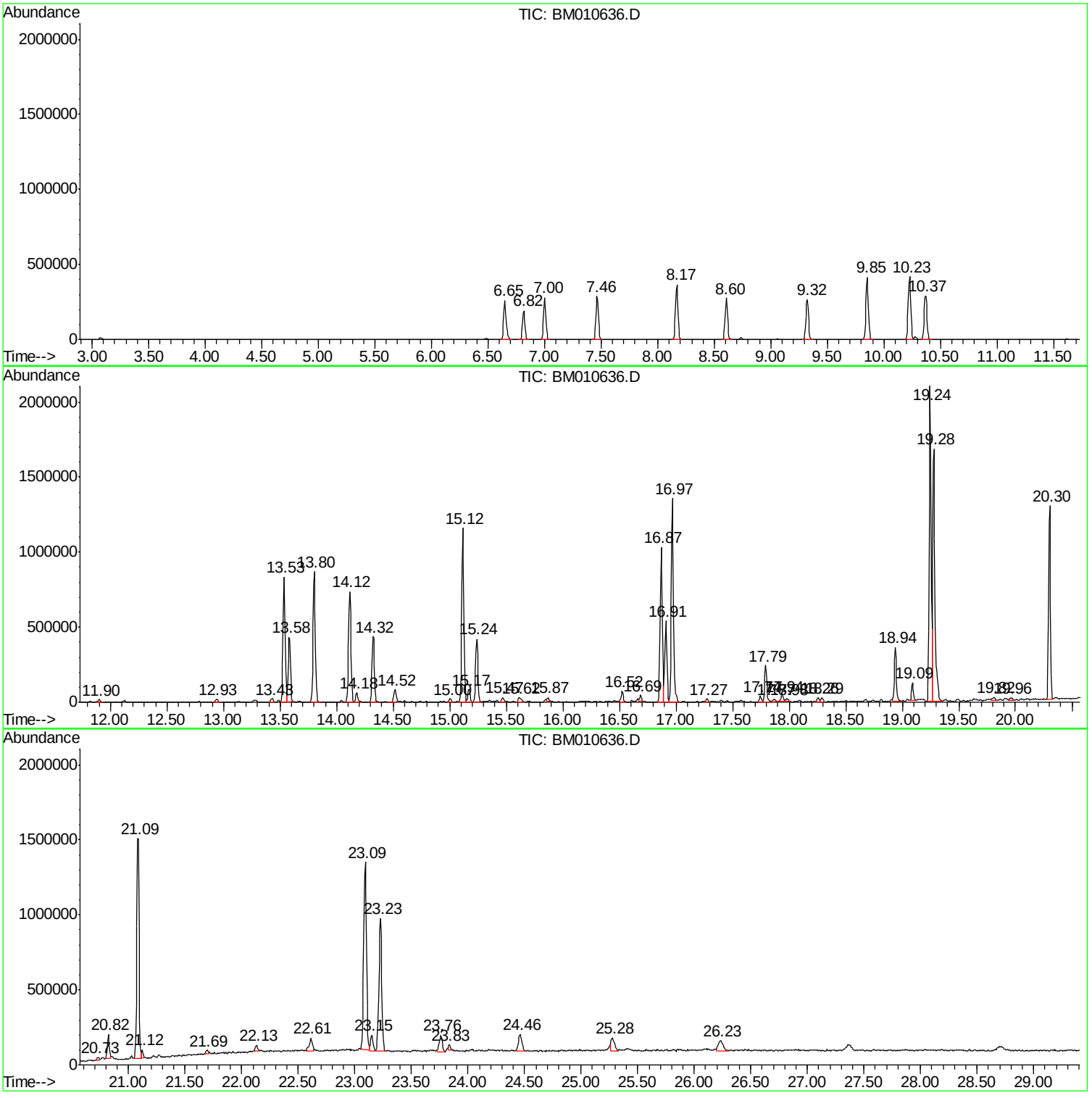
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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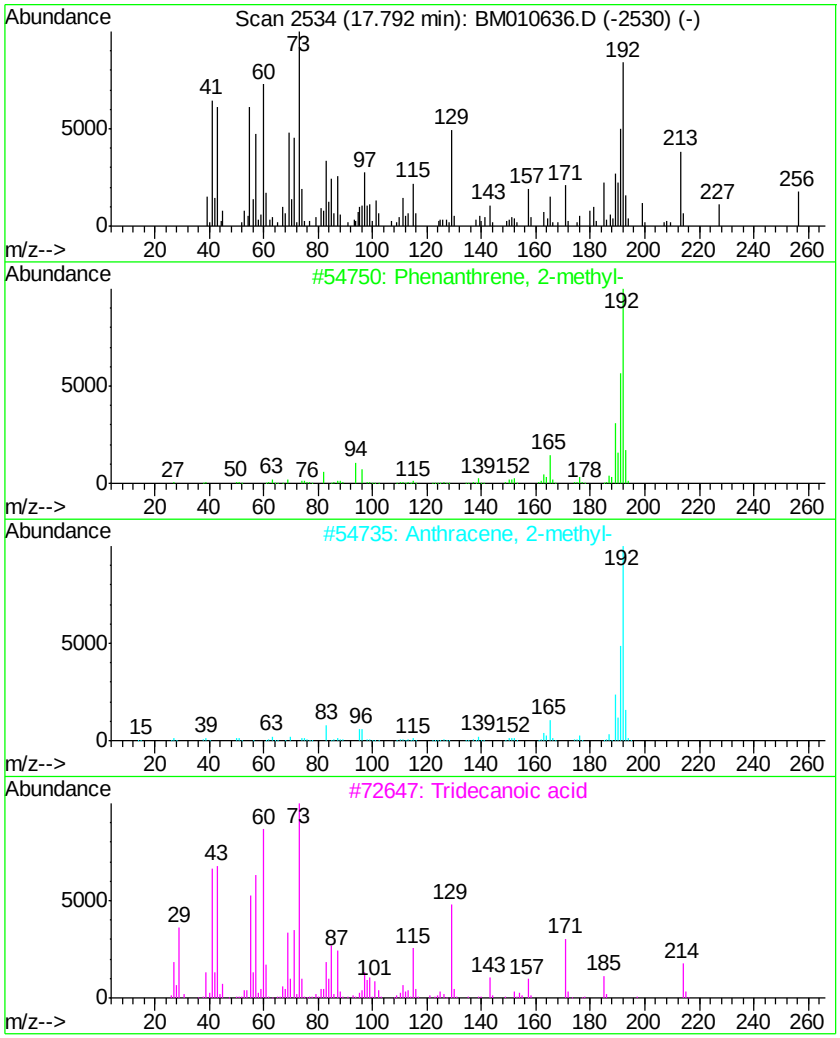
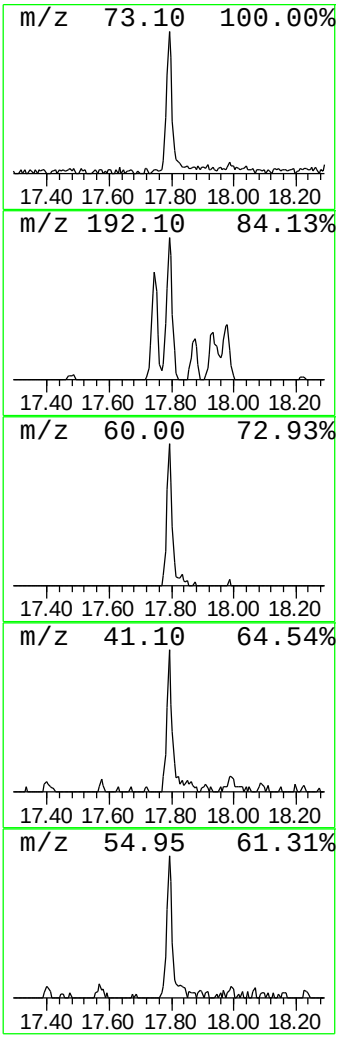
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.25 ng/ul	300369	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	66
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	47
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
Acq On : 21 Jun 2017 23:04
Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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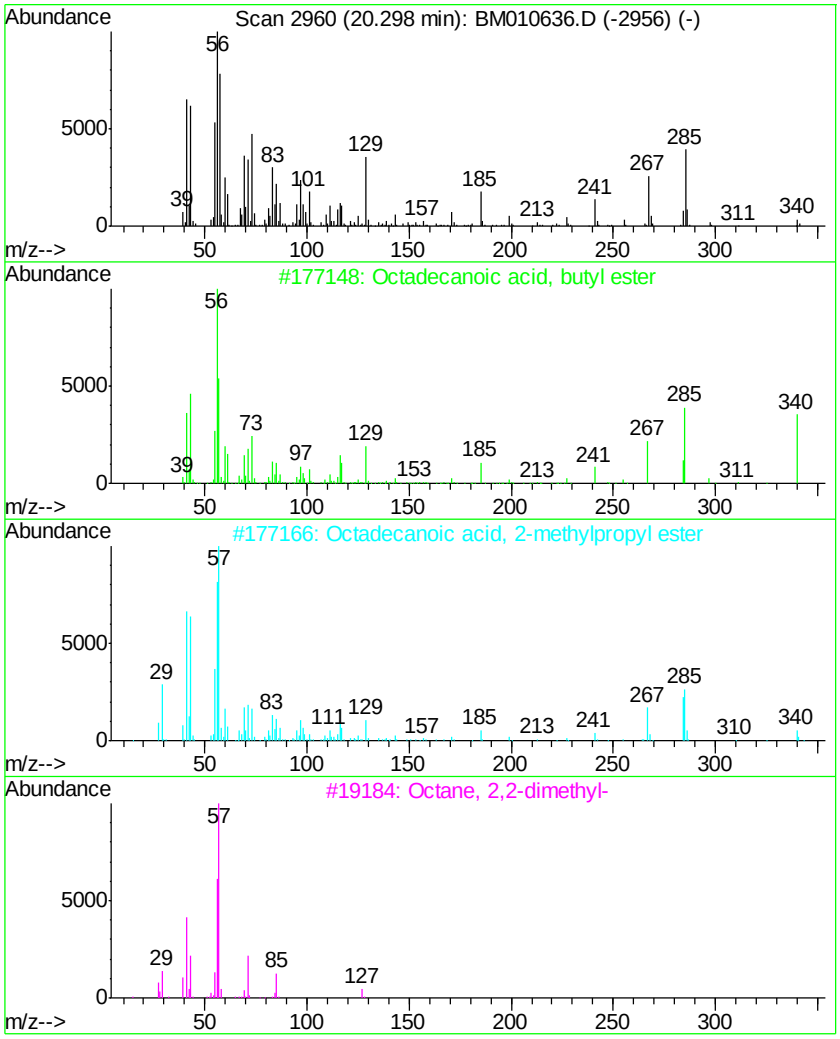
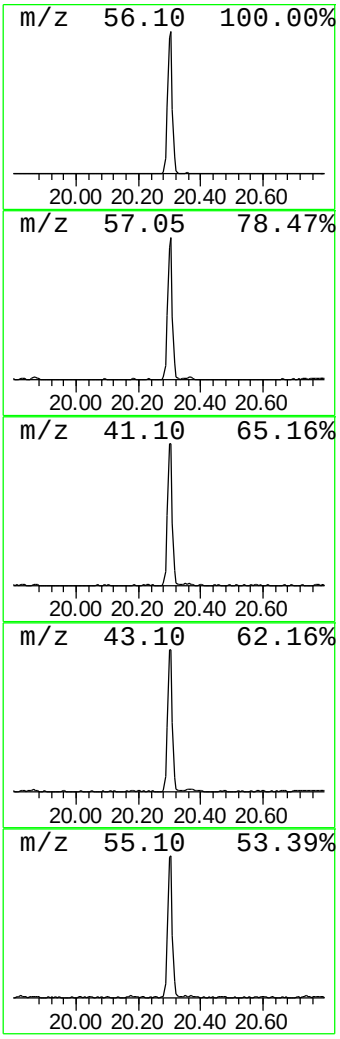
Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	14.33 ng/ul	1397080	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
3	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	27
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	27
5	Docosanoic acid	340	C22H44O2	000112-85-6	20





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
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Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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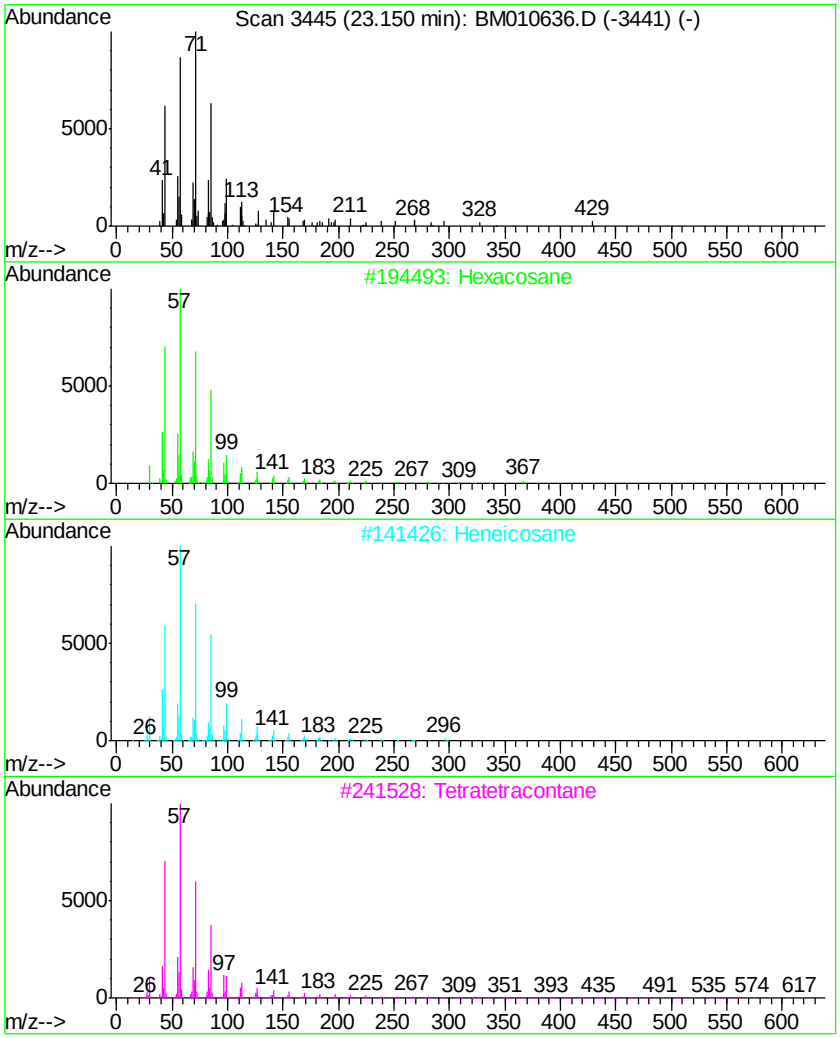
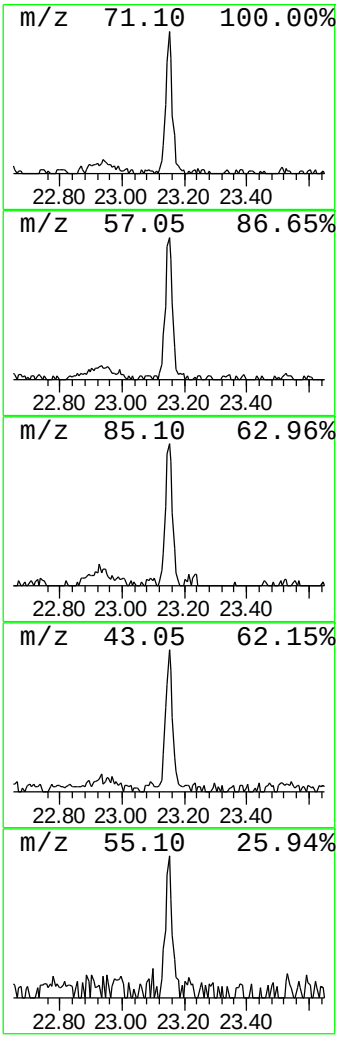
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.18 ng/ul	171599	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	81
2	Heneicosane	296	C21H44	000629-94-7	74
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Octacosane	394	C28H58	000630-02-4	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
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Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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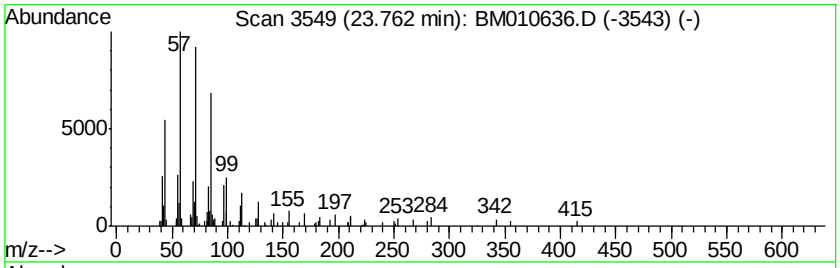
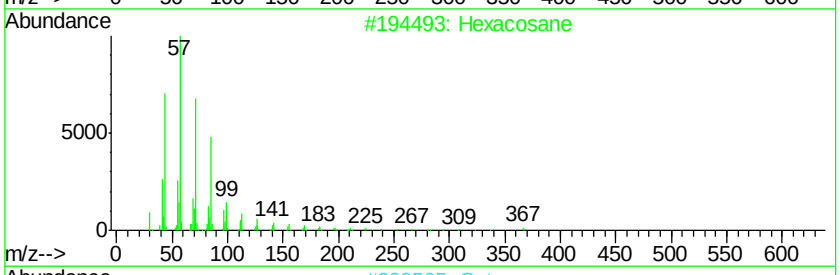
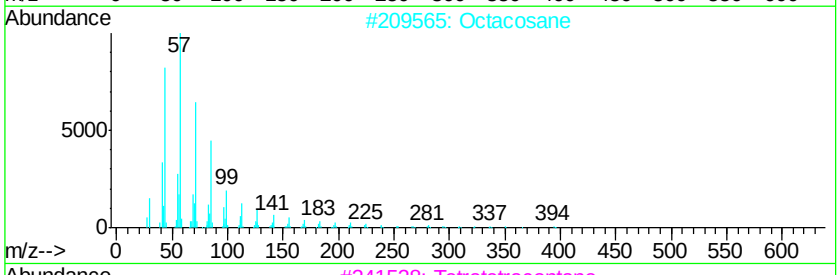
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

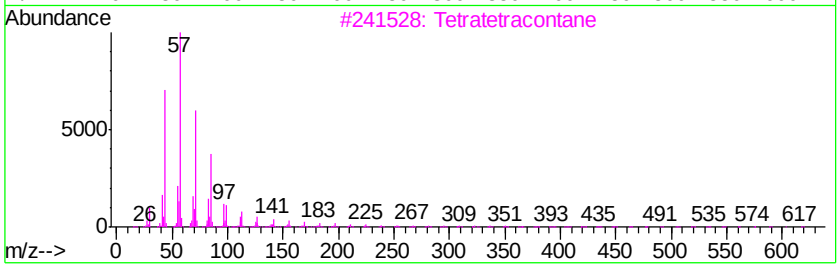
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.71 ng/ul	213912	Perylene-d12	23.23

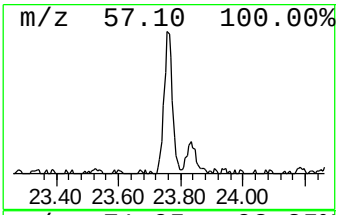
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptacosane	380	C27H56	000593-49-7	90

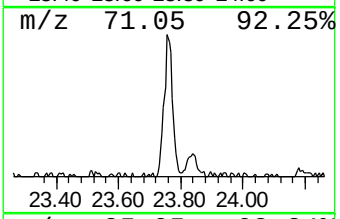


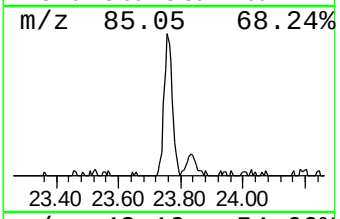


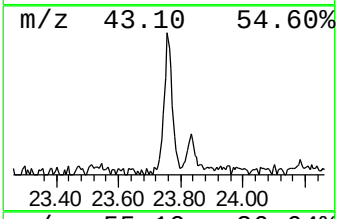


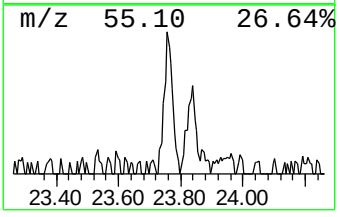












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Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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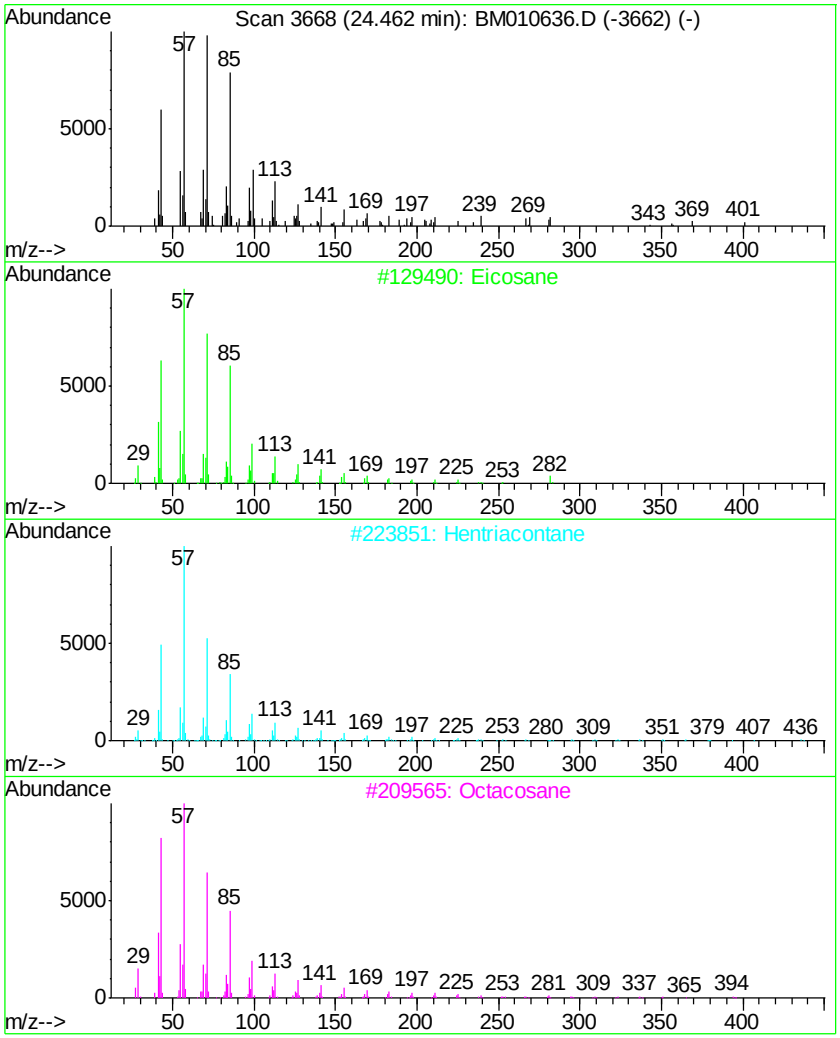
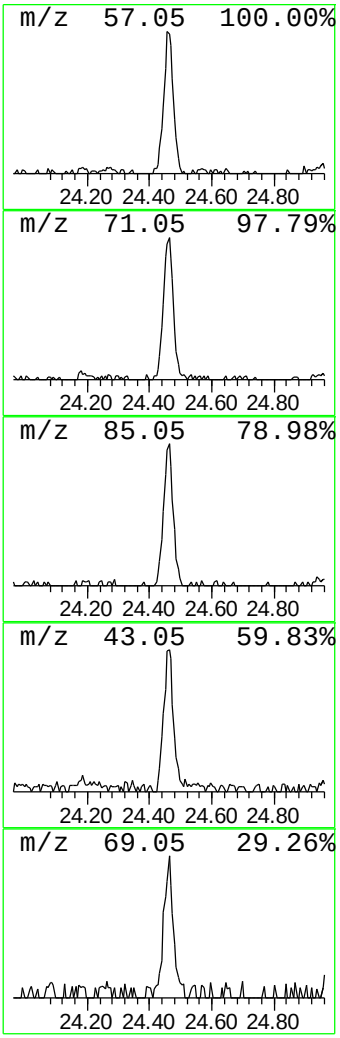
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	3.04 ng/ul	239365	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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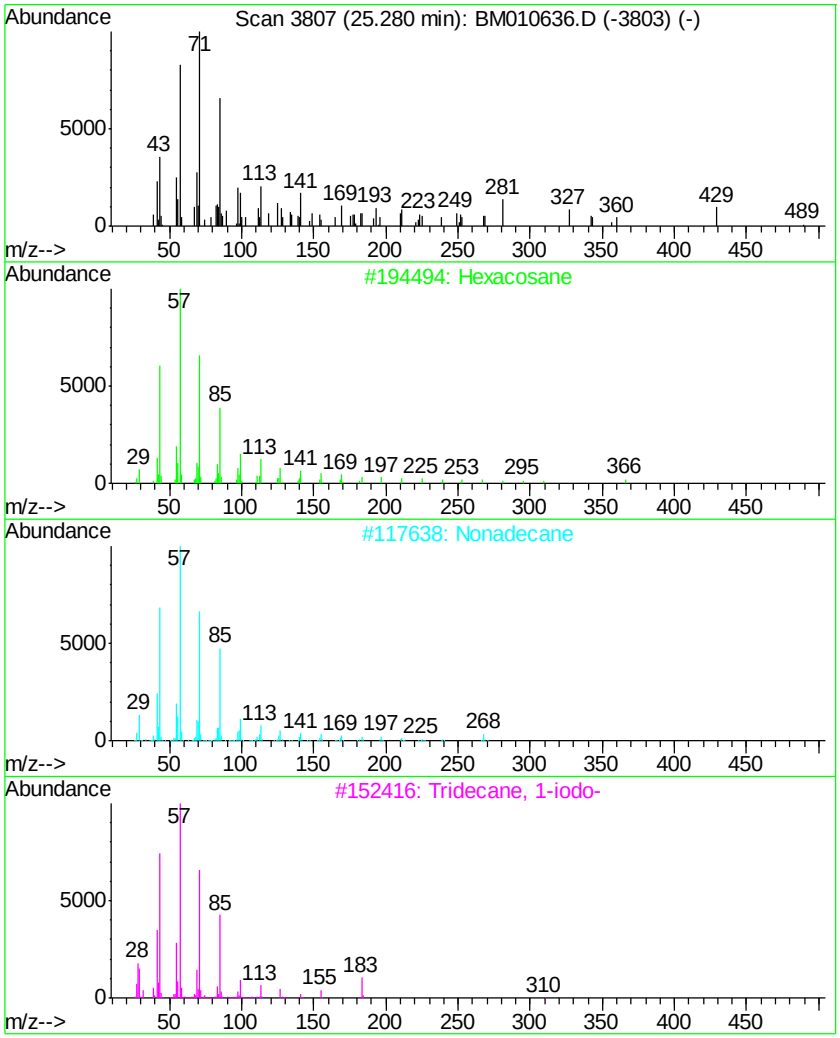
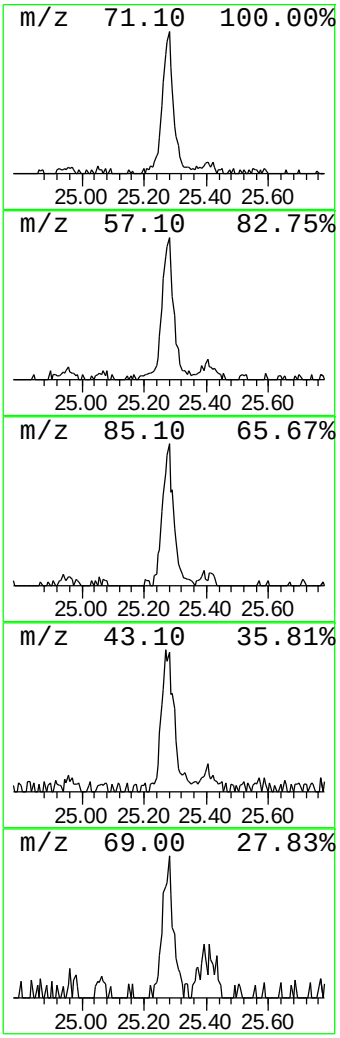
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.28	2.35 ng/ul	185338	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	64
2	Nonadecane	268	C19H40	000629-92-5	52
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	46
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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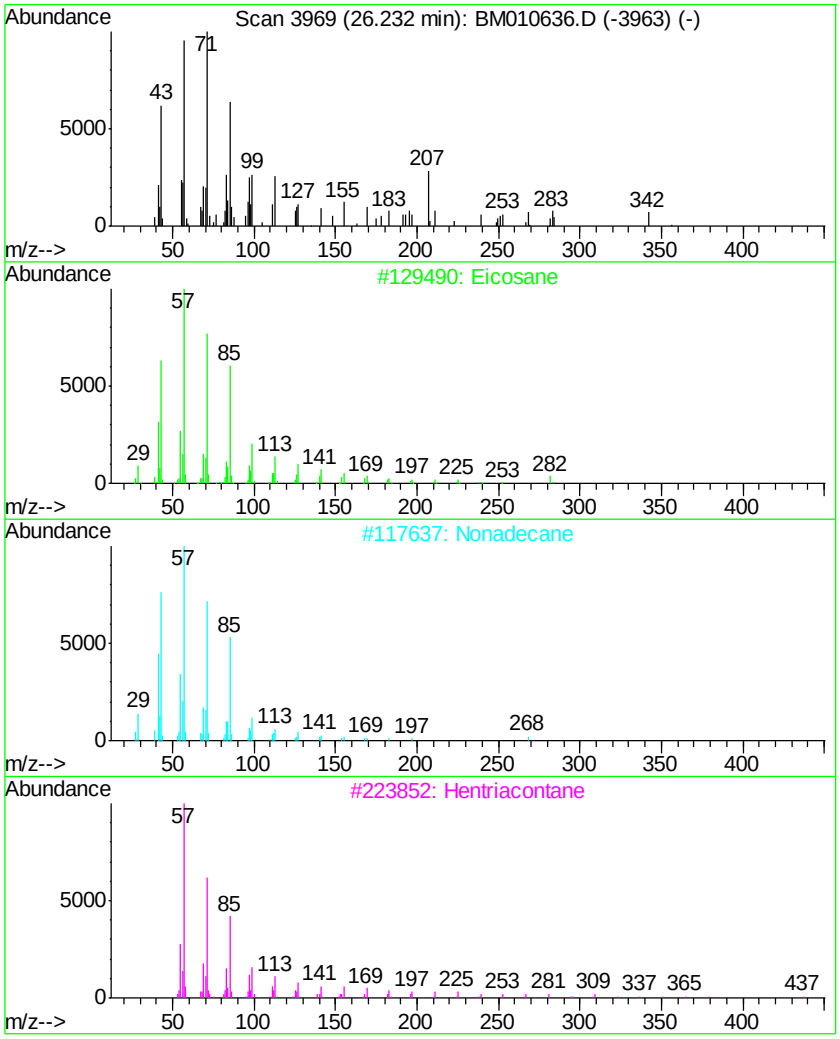
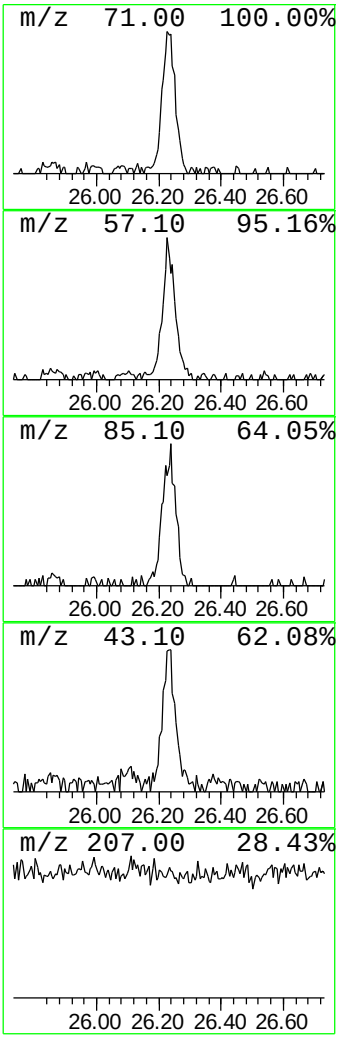
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	2.58 ng/ul	203290	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	83
3	Hentriacontane	437	C31H64	000630-04-6	76
4	2-methylhexacosane	380	C27H56	1000376-72-7	68
5	Hexacosane	366	C26H54	000630-01-3	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010636.D
Acq On : 21 Jun 2017 23:04
Operator : SJ/JU
Sample : I3627-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A89

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
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
Phenanthrene, 2-m...	17.79	4.3	ng/ul	300369	4	16.87	1413330	20.0
Octadecanoic acid...	20.30	14.3	ng/ul	1397080	5	21.09	1949850	20.0
(DEL) Alkane: Str...	23.15	2.2	ng/ul	171599	6	23.23	1576410	20.0
(DEL) Alkane: Str...	23.76	2.7	ng/ul	213912	6	23.23	1576410	20.0
(DEL) Alkane: Str...	24.46	3.0	ng/ul	239365	6	23.23	1576410	20.0
(DEL) Alkane: Str...	25.28	2.4	ng/ul	185338	6	23.23	1576410	20.0
(DEL) Alkane: Str...	26.23	2.6	ng/ul	203290	6	23.23	1576410	20.0