LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014562.D
Acq On : 14 Mar 2018 02:41
Operator : SJ/JU
Sample : J1835-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F01

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-BM021418.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	3.057	23	29	32	rBV5	13431	20453	1.10%	0.084%
2	3.457	94	97	103	rVB4	13797	20148	1.08%	0.083%
3	3.551	105	113	121	rBV2	73216	110587	5.95%	0.453%
4	4.634	293	297	299	rBV	14329	20727	1.12%	0.085%
5	4.663	299	302	307	rVB	26252	35563	1.91%	0.146%
6	4.751	313	317	326	rVB3	16351	30197	1.63%	0.124%
7	6.704	643	649	660	rBV	344572	724923	39.02%	2.972%
8	6.834	665	671	683	rVB	277105	444323	23.92%	1.821%
9	7.028	698	704	717	rBV	437294	761888	41.01%	3.123%
10	7.481	774	781	791	rBV	483257	821791	44.24%	3.369%
11	8.228	901	908	921	rBV	409754	790000	42.53%	3.238%
12	8.645	973	979	988	rBV	443648	785606	42.29%	3.220%
13	8.810	1004	1007	1013	rVB6	16242	26263	1.41%	0.108%
14	8.998	1035	1039	1043	rVB2	20229	29106	1.57%	0.119%
15	9.363	1092	1101	1114	rBV2	373855	726148	39.09%	2.977%
16	9.657	1147	1151	1156	rVB6	13472	23473	1.26%	0.096%
17	9.916	1188	1195	1215	rBV2	450740	1043692	56.18%	4.278%
18	10.251	1238	1252	1258	rBV	688868	1183251	63.69%	4.850%
19	10.427	1273	1282	1298	rBV3	181148	488620	26.30%	2.003%
20	11.669	1488	1493	1500	rVB5	14719	27852	1.50%	0.114%
21	11.933	1533	1538	1546	rVB2	37244	70668	3.80%	0.290%
22	12.157	1568	1576	1582	rBV6	19867	39077	2.10%	0.160%
23	12.945	1704	1710	1717	rBV3	22408	39544	2.13%	0.162%
24	13.168	1744	1748	1753	rBV5	13372	24717	1.33%	0.101%
25	13.304	1767	1771	1772	rBV3	18325	21937	1.18%	0.090%
26	13.321	1772	1774	1780	rVB6	18705	29461	1.59%	0.121%
27	13.457	1792	1797	1803	rBV6	23001	47673	2.57%	0.195%
28	13.516	1804	1807	1811	rVV2	23121	36050	1.94%	0.148%
29	13.568	1811	1816	1821	rVV	986540	1418686	76.37%	5.815%
30	13.616	1821	1824	1836	rVB	159230	258537	13.92%	1.060%
31	13.839	1854	1862	1870	rBV	1116579	1652472	88.95%	6.774%
32	14.039	1892	1896	1901	rBV	61336	84571	4.55%	0.347%
33	14.151	1908	1915	1921	rBV2	930996	1430663	77.01%	5.865%
34	14.468	1962	1969	1980	rBV	190033	565837	30.46%	2.319%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F6F01

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-BM021418.M
Title : SVOA CALIBRATION

35	14.598	1988	1991	1995	rBV4	25017	32024	1.72%	0.131%
36	14.663	2000	2002	2009	rVB8	23346	37058	1.99%	0.152%
37	14.951	2046	2051	2055	rVV6	19958	27746	1.49%	0.114%
38	15.004	2055	2060	2065	rVB3	87687	111076	5.98%	0.455%
39	15.157	2080	2086	2095	rBV	1287656	1820265	97.98%	7.462%
40	15.351	2115	2119	2123	rBV7	27368	49349	2.66%	0.202%
41	15.404	2127	2128	2135	rVB6	29517	39046	2.10%	0.160%
42	15.510	2141	2146	2150	rVB7	13129	20314	1.09%	0.083%
43	15.868	2202	2207	2215	rBV3	87741	161613	8.70%	0.662%
44	16.280	2272	2277	2280	rBV7	17155	27638	1.49%	0.113%
45	16.662	2339	2342	2347	rBV3	45065	58905	3.17%	0.241%
46	16.739	2347	2355	2360	rVB8	27755	56450	3.04%	0.231%
47	16.915	2379	2385	2390	rBV2	1115631	1574060	84.73%	6.452%
48	16.956	2390	2392	2396	rVV	126819	163811	8.82%	0.671%
49	17.015	2396	2402	2412	rVB2	1276232	1857722	100.00%	7.615%
50	17.204	2430	2434	2438	rBV7	20100	42104	2.27%	0.173%
51	17.409	2465	2469	2471	rVB4	40427	42052	2.26%	0.172%
52	17.503	2481	2485	2492	rBV8	41491	66321	3.57%	0.272%
53	17.798	2531	2535	2536	rBV2	58067	75039	4.04%	0.308%
54	17.821	2536	2539	2542	rVV2	146967	181523	9.77%	0.744%
55	17.974	2563	2565	2566	rBV2	28397	23877	1.29%	0.098%
56	18.098	2583	2586	2588	rBV4	40882	42731	2.30%	0.175%
57	19.333	2791	2796	2803	rBV	1158316	1639943	88.28%	6.722%
58	20.839	3049	3052	3056	rBV2	336595	359658	19.36%	1.474%
59	21.139	3099	3103	3108	rBV	869419	1048663	56.45%	4.299%
60	23.180	3447	3450	3457	rVB2	667444	1001783	53.93%	4.106%

Sum of corrected areas: 24395275

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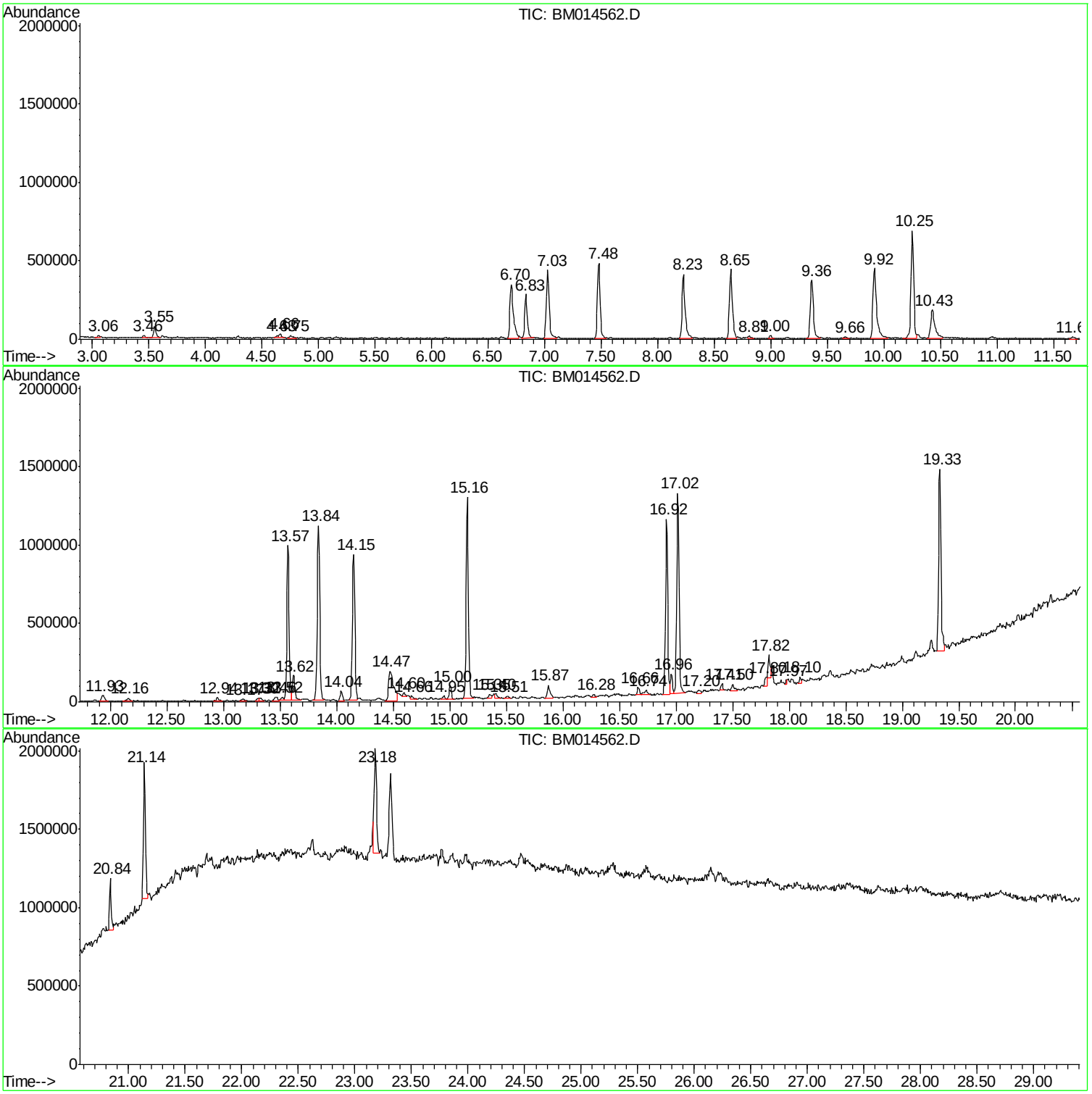
BNA_M
ClientSampleId :
F6F01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014562.D
Acq On : 14 Mar 2018 02:41
Operator : SJ/JU
Sample : J1835-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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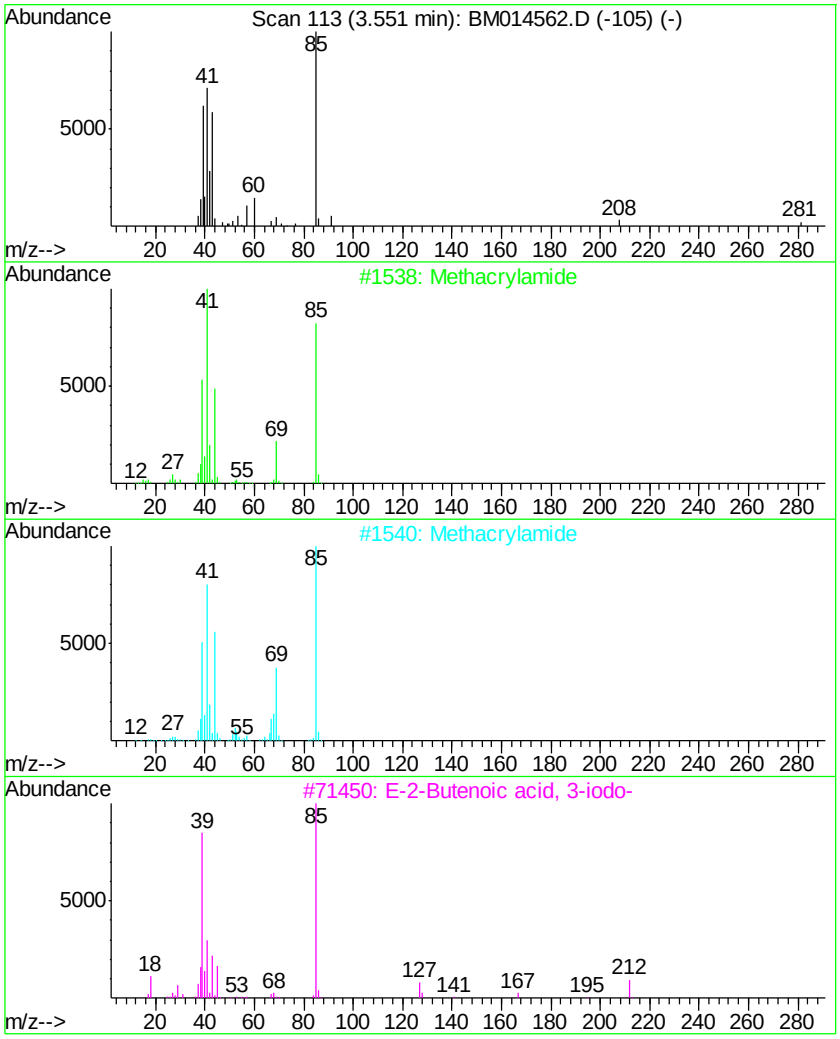
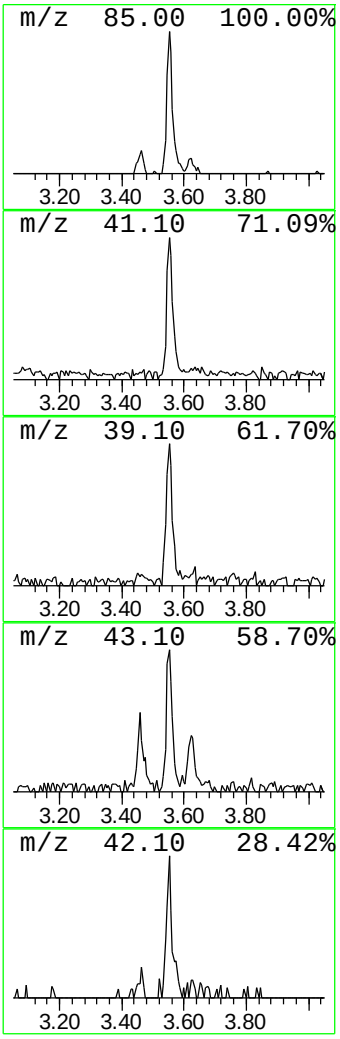
Peak Number 1 Methacrylamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	2.69 ng/ul	110587	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	59
3	E-2-Butenoic acid, 3-iodo-	212	C4H5IO2	1000308-87-1	53
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	45
5	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	45





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Instrument : BNA_M
ClientSampleId : F6F01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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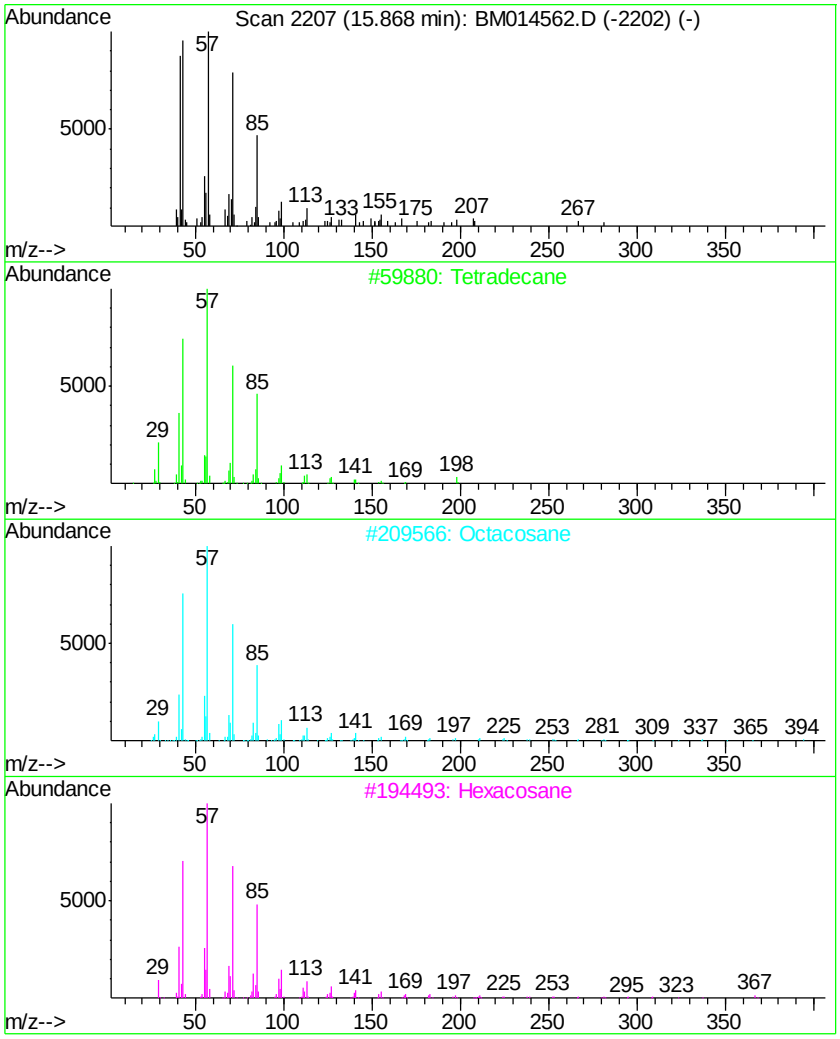
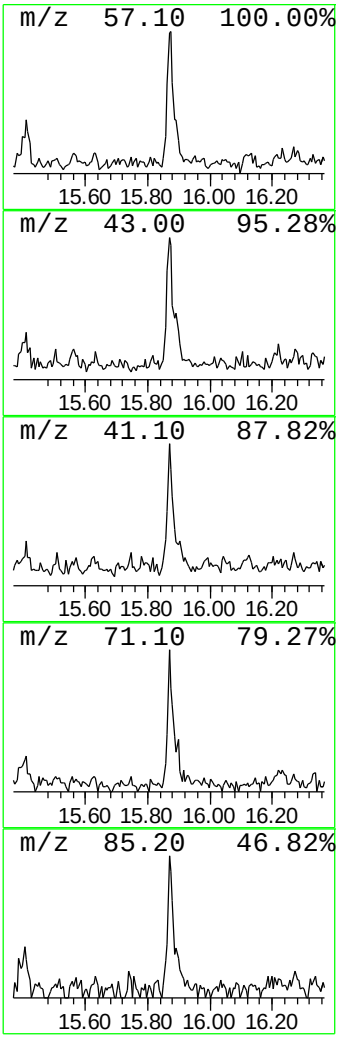
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.05 ng/ul	161613	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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Instrument : BNA_M
ClientSampleId : F6F01

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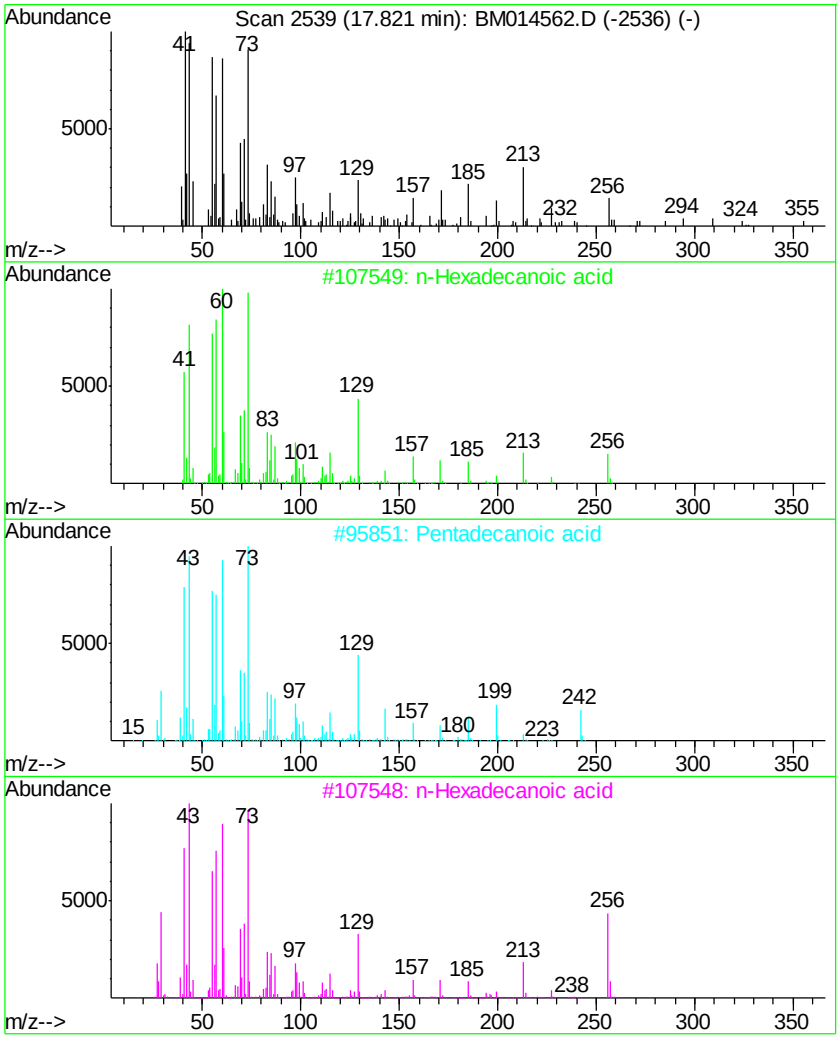
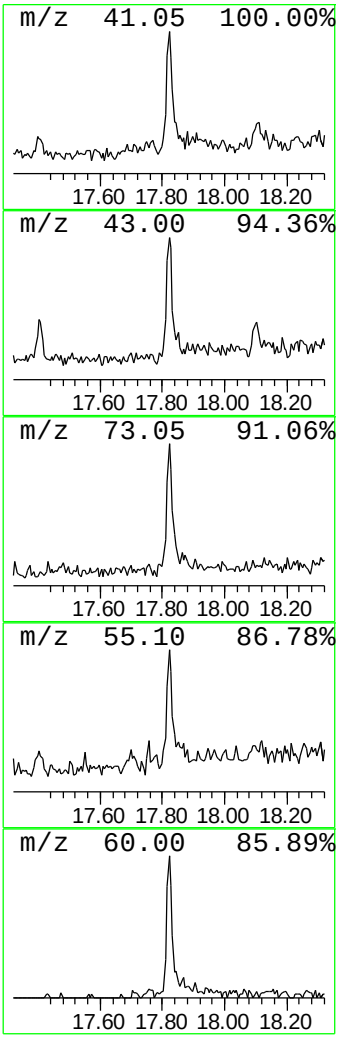
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.31 ng/ul	181523	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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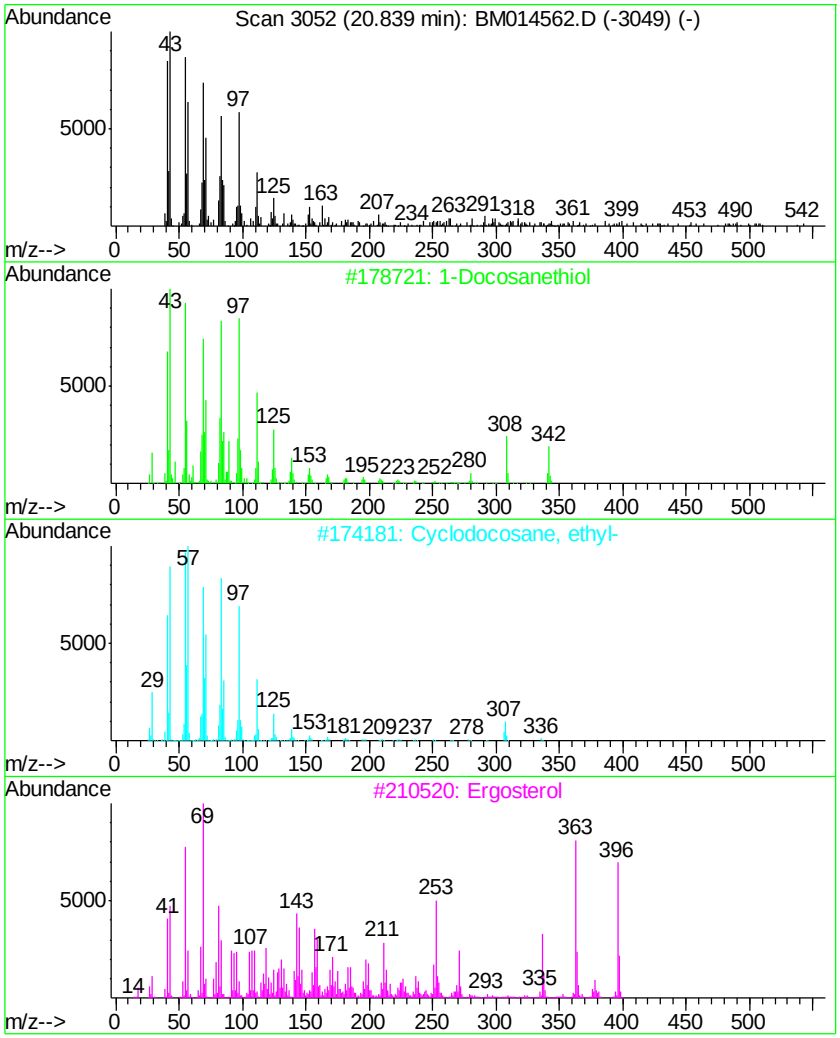
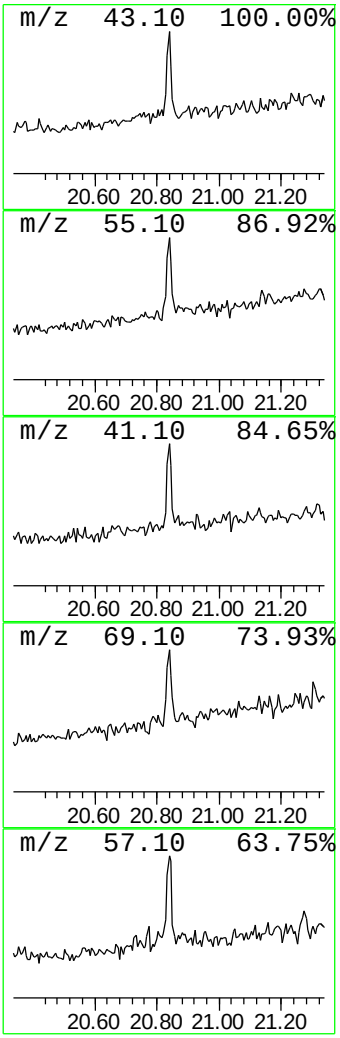
Peak Number 4 1-Docosanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	6.86 ng/ul	359658	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	91
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	87
3	Ergosterol	396	C28H44O	000057-87-4	86
4	1-Docosene	308	C22H44	001599-67-3	84
5	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	76





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
Methacrylamide	3.55	2.7	ng/ul	110587	1	7.48	821791	20.0
(DEL) Alkane: Str...	15.87	2.0	ng/ul	161613	4	16.92	1574060	20.0
n-Hexadecanoic acid	17.82	2.3	ng/ul	181523	4	16.92	1574060	20.0
1-Docosanethiol	20.84	6.9	ng/ul	359658	5	21.14	1048660	20.0