LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012203.D
Acq On : 15 Oct 2017 11:35
Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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-BM101217.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	3.757	109	114	121	rBV	80036	116632	3.46%	0.263%
2	6.987	656	663	677	rVB	404622	774673	22.97%	1.746%
3	7.140	682	689	703	rBV	321749	530257	15.72%	1.195%
4	7.345	718	724	733	rBV	491338	817105	24.22%	1.841%
5	7.810	796	803	819	rVB	644733	1066252	31.61%	2.403%
6	8.528	919	925	943	rBV	503808	914039	27.10%	2.060%
7	8.981	994	1002	1012	rBV	447206	799130	23.69%	1.801%
8	9.104	1017	1023	1035	rVB2	24773	55500	1.65%	0.125%
9	9.704	1116	1125	1139	rBV	389832	717047	21.26%	1.616%
10	10.245	1209	1217	1233	rBV	578820	1157659	34.32%	2.609%
11	10.616	1272	1280	1294	rVB	904319	1564221	46.37%	3.525%
12	10.769	1299	1306	1321	rBV2	122436	301136	8.93%	0.679%
13	13.869	1823	1833	1838	rBV	1281563	1846804	54.75%	4.162%
14	13.916	1838	1841	1850	rVB	502525	670295	19.87%	1.511%
15	14.157	1876	1882	1894	rVB	1458348	2232595	66.19%	5.031%
16	14.463	1928	1934	1941	rBV2	1399418	2192544	65.00%	4.941%
17	14.527	1941	1945	1954	rVB3	32668	58900	1.75%	0.133%
18	14.698	1965	1974	1994	rBV	224896	629502	18.66%	1.419%
19	14.845	1994	1999	2000	rVV3	43886	65562	1.94%	0.148%
20	14.869	2000	2003	2012	rVB5	67297	132550	3.93%	0.299%
21	15.292	2071	2075	2080	rVB3	60798	83944	2.49%	0.189%
22	15.457	2097	2103	2110	rBV	1855697	2696142	79.93%	6.076%
23	15.516	2110	2113	2118	rVB	41103	58605	1.74%	0.132%
24	15.610	2124	2129	2137	rBV	118454	202664	6.01%	0.457%
25	15.692	2139	2143	2151	rVB4	41621	81927	2.43%	0.185%
26	16.157	2218	2222	2223	rBV	87123	106018	3.14%	0.239%
27	16.604	2295	2298	2303	rVB6	47882	74173	2.20%	0.167%
28	16.945	2353	2356	2360	rVB2	97680	113361	3.36%	0.255%
29	16.998	2362	2365	2368	rVV3	46900	56033	1.66%	0.126%
30	17.092	2378	2381	2389	rBV7	54824	90197	2.67%	0.203%
31	17.215	2396	2402	2406	rBV	1764491	2604454	77.21%	5.869%
32	17.257	2406	2409	2413	rVV	511073	688767	20.42%	1.552%
33	17.310	2413	2418	2433	rVB2	1939999	2962723	87.83%	6.677%
34	17.574	2460	2463	2468	rBV2	101139	159319	4.72%	0.359%

LSC Area Percent Report

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Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

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-BM101217.M
Title : SVOA CALIBRATION

35	17.680	2479	2481	2486	rVB2	79149	97710	2.90%	0.220%
36	18.092	2546	2551	2556	rBV2	1579004	2105398	62.42%	4.745%
37	18.380	2597	2600	2606	rBV3	114759	188687	5.59%	0.425%
38	18.945	2693	2696	2703	rVB	710145	920985	27.30%	2.076%
39	19.274	2747	2752	2759	rVB	1331505	1927243	57.14%	4.343%
40	19.368	2764	2768	2773	rBV	1605203	2116183	62.74%	4.769%
41	19.609	2804	2809	2812	rBV	2040139	3262116	96.71%	7.351%
42	19.633	2812	2813	2820	rVB	1110022	1193692	35.39%	2.690%
43	20.615	2978	2980	2983	rVB	412119	373234	11.07%	0.841%
44	21.080	3055	3059	3063	rBV	990939	1193981	35.40%	2.691%
45	21.286	3091	3094	3098	rVB	947046	1000604	29.66%	2.255%
46	21.392	3107	3112	3116	rBV2	2123818	3373080	100.00%	7.602%

Sum of corrected areas: 44373643

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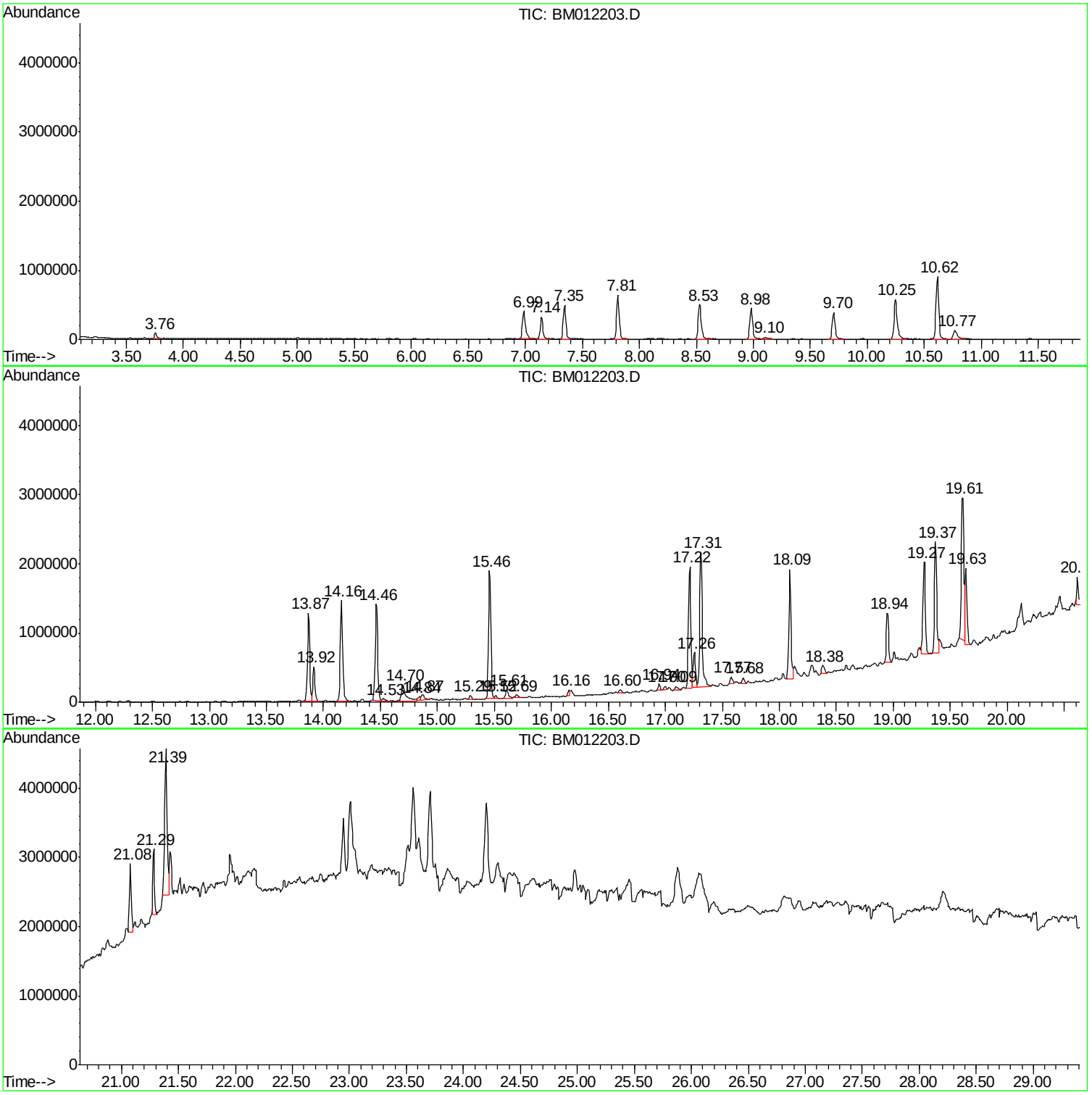
Instrument :
BNA_M
ClientSampleId :
C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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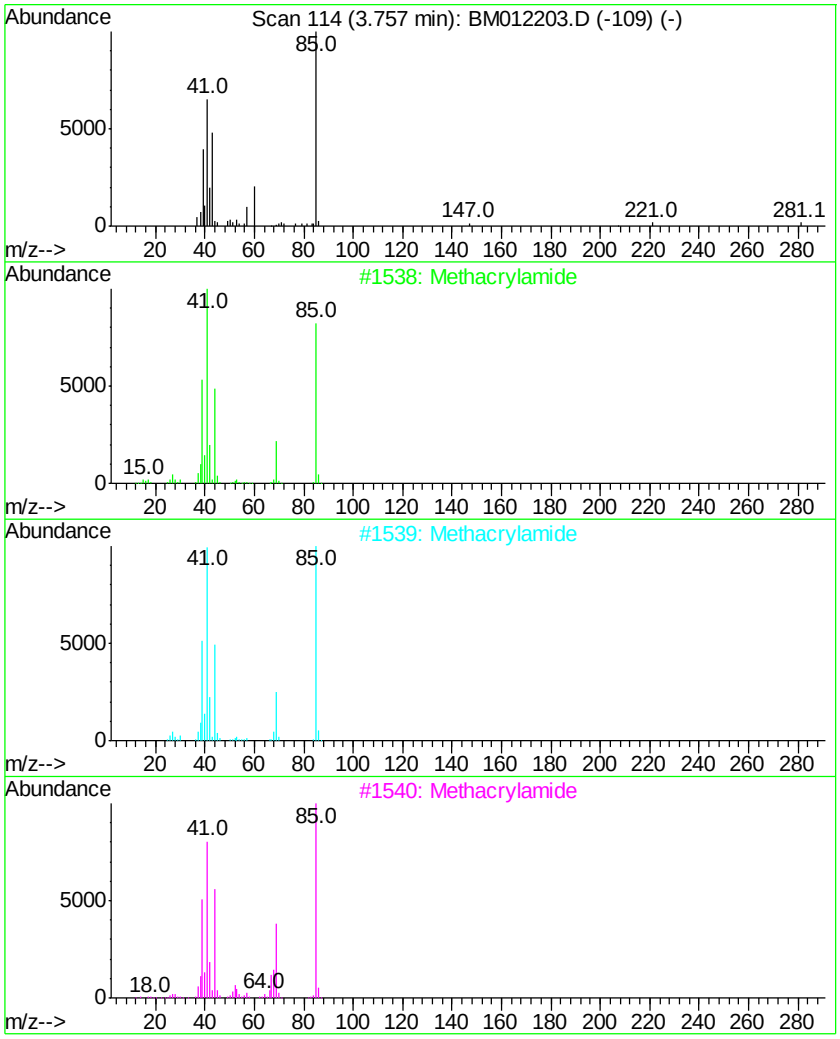
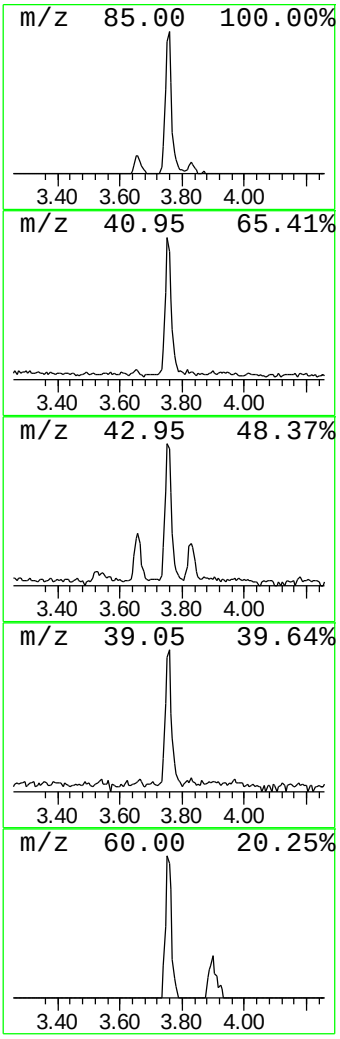
Peak Number 1 Methacrylamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	2.19 ng/ul	116632	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	Methacrylamide	85	C4H7NO	000079-39-0	32
4	3-Butenoic acid	86	C4H6O2	000625-38-7	10
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	10





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Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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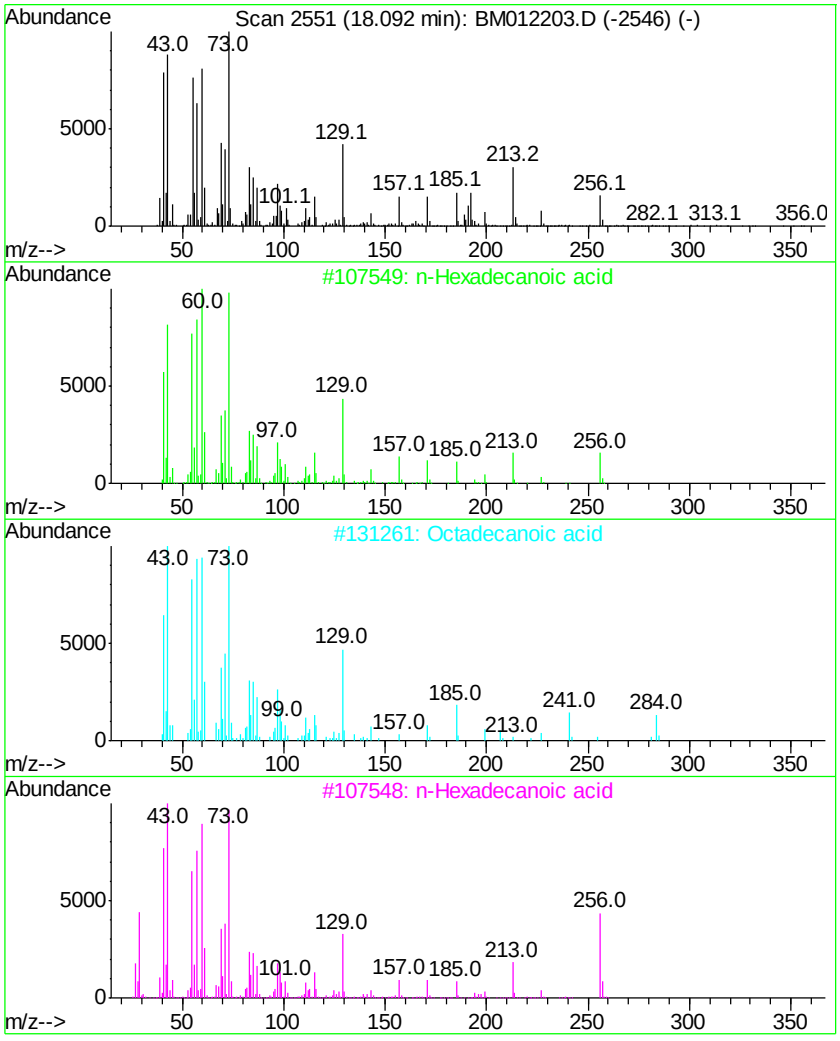
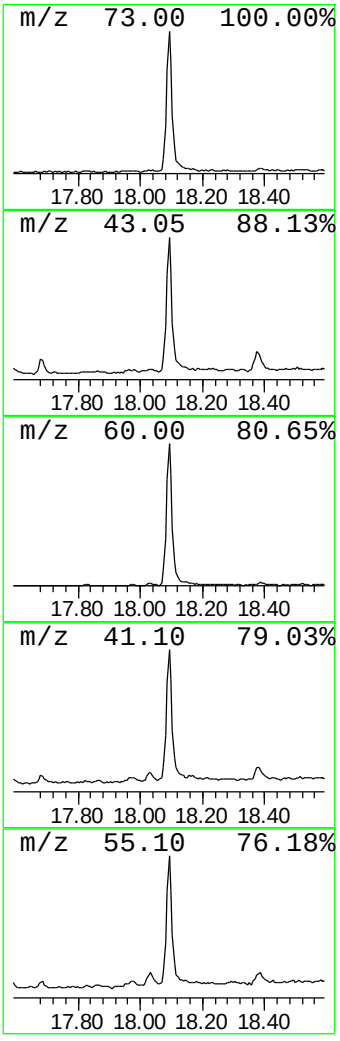
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	16.17 ng/ul	2105400	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	83





Library Search Compound Report

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Operator : SJ/JU
Sample : I5548-22
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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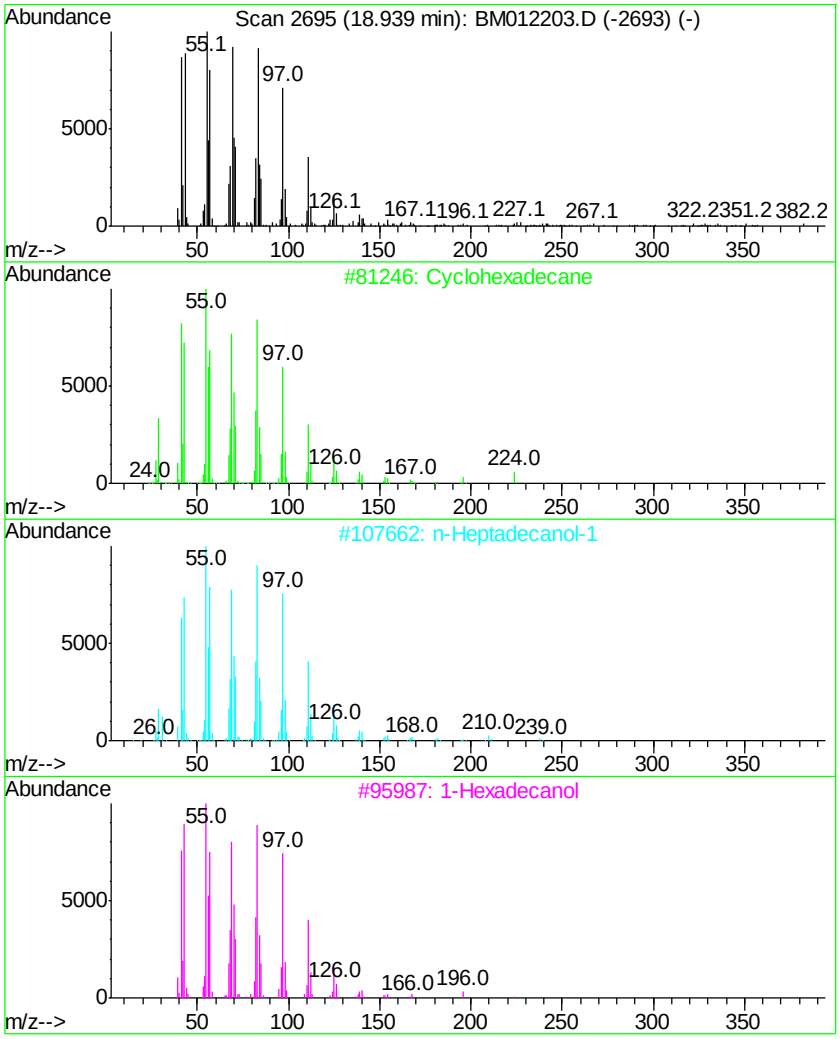
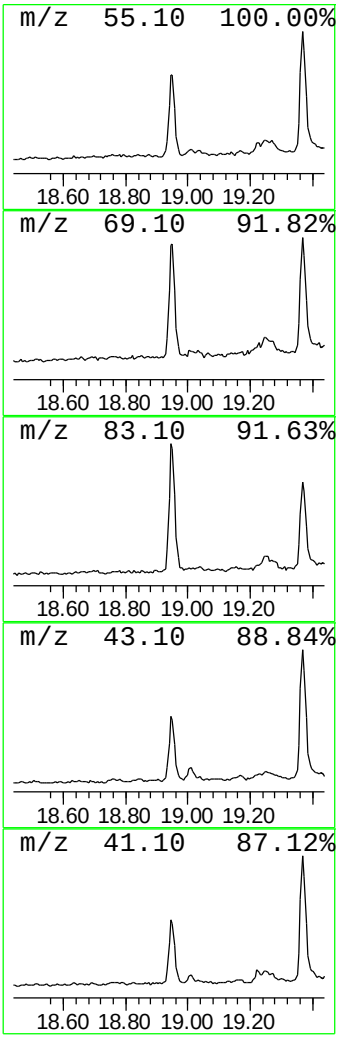
Peak Number 3 (DEL) Alkane: Cyclic18.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	7.07 ng/ul	920985	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	93
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

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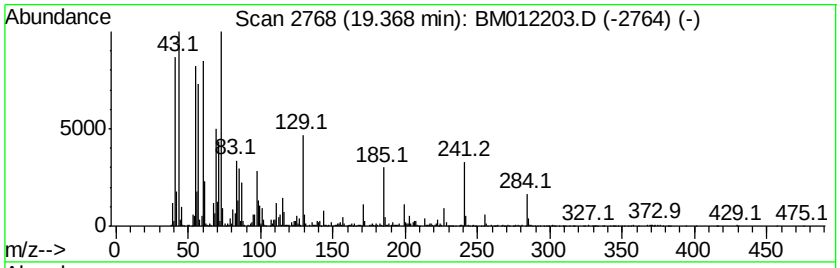
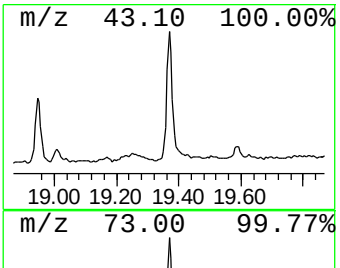
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	12.55 ng/ul	2116180	Chrysene-d12	21.39

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

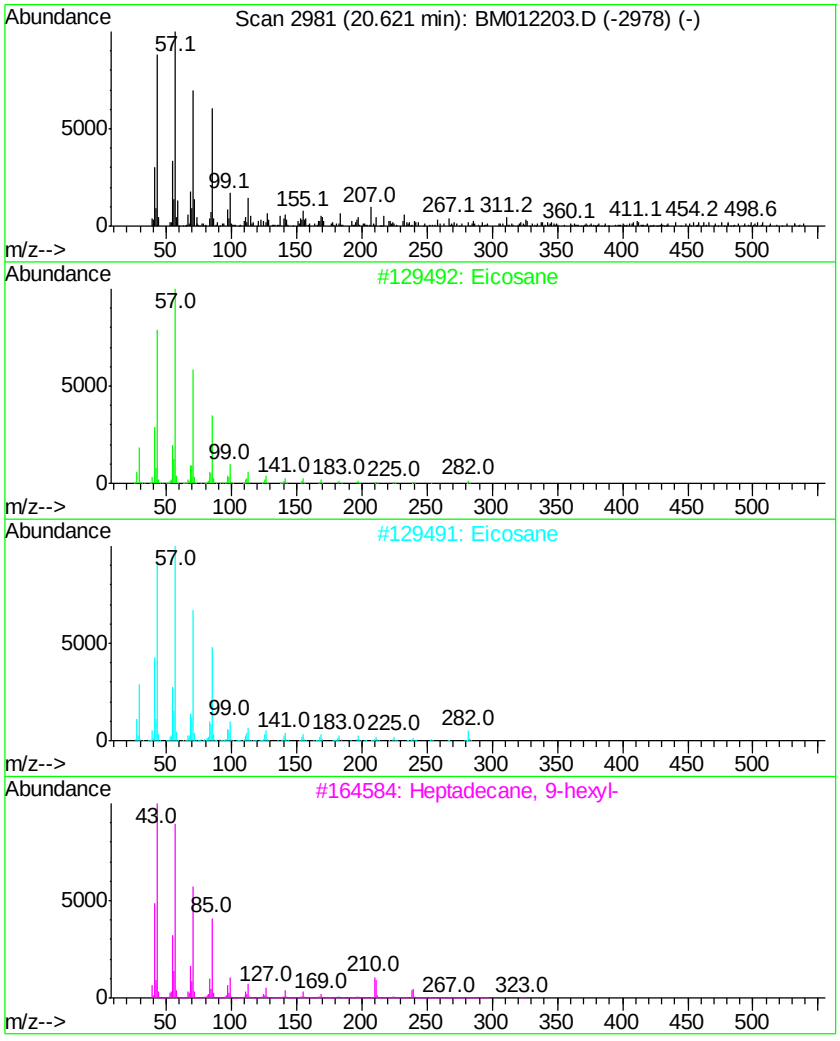
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

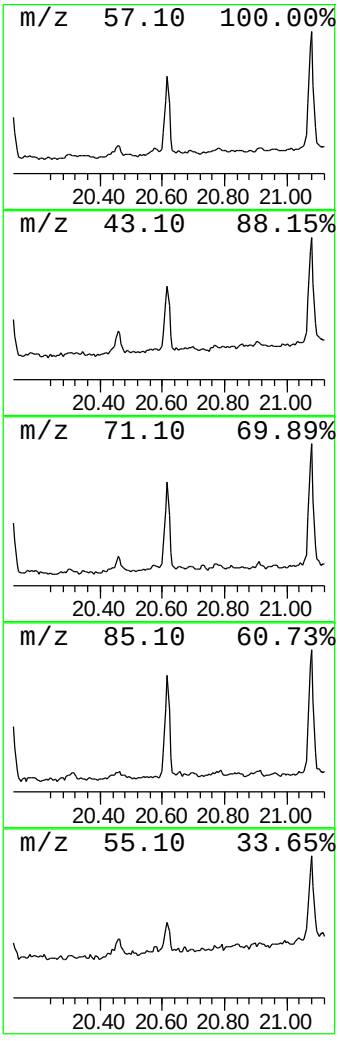
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	2.21 ng/ul	373234	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87





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

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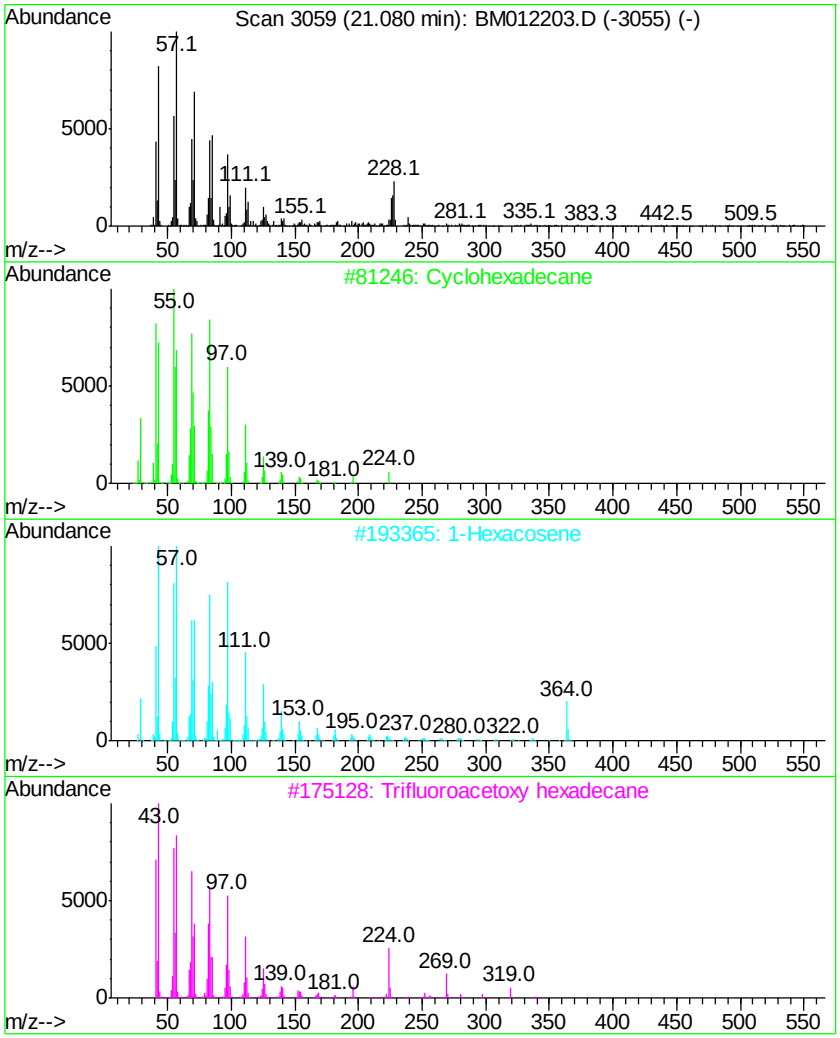
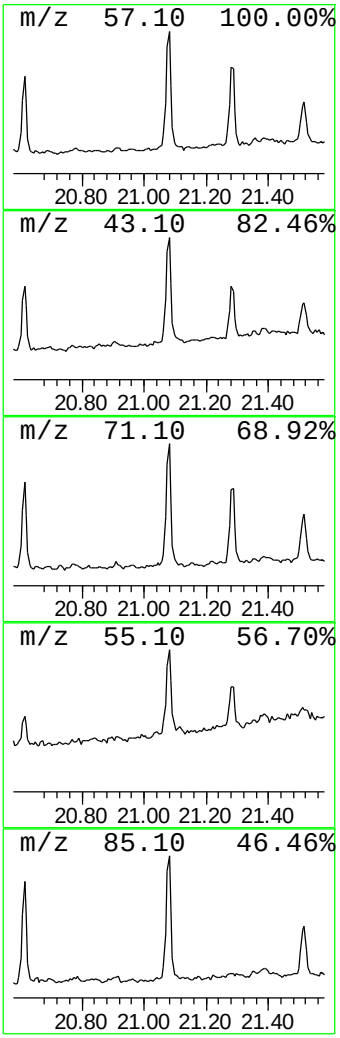
Peak Number 6 (DEL) Alkane: Cyclic21.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	7.08 ng/ul	1193980	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	89
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	87





Tentatively Identified Compound (LSC) summary

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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	3.76	2.2	ng/ul	116632	1	7.81	1066250	20.0
n-Hexadecanoic acid	18.09	16.2	ng/ul	2105400	4	17.22	2604450	20.0
(DEL) Alkane: Cyc...	18.94	7.1	ng/ul	920985	4	17.22	2604450	20.0
Octadecanoic acid	19.37	12.6	ng/ul	2116180	5	21.39	3373080	20.0
(DEL) Alkane: Str...	20.62	2.2	ng/ul	373234	5	21.39	3373080	20.0
(DEL) Alkane: Cyc...	21.08	7.1	ng/ul	1193980	5	21.39	3373080	20.0