LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012117.D
Acq On : 13 Oct 2017 02:16
Operator : SJ/JU
Sample : I5490-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-69(0-1)-092717

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	3.775	112	117	125	rVB	162717	215829	4.19%	0.345%
2	5.022	321	329	343	rBV2	53363	135485	2.63%	0.217%
3	6.092	497	511	518	rBV7	23214	83411	1.62%	0.133%
4	6.992	658	664	678	rVB	890343	1652714	32.07%	2.643%
5	7.157	685	692	703	rBV	693762	1154520	22.40%	1.847%
6	7.357	720	726	736	rVB	991247	1612512	31.29%	2.579%
7	7.739	779	791	795	rBV	31291	84821	1.65%	0.136%
8	7.828	796	806	813	rVV	1067012	1757311	34.10%	2.811%
9	8.539	920	927	942	rBV	1068106	1926495	37.38%	3.081%
10	8.651	942	946	951	rBV3	55189	102467	1.99%	0.164%
11	8.922	981	992	997	rBV7	51098	129664	2.52%	0.207%
12	8.998	997	1005	1016	rBV	835088	1540917	29.90%	2.465%
13	9.163	1028	1033	1043	rVB	29975	94797	1.84%	0.152%
14	9.539	1086	1097	1109	rVB	34199	118302	2.30%	0.189%
15	9.716	1120	1127	1136	rBV	753327	1339243	25.98%	2.142%
16	10.257	1212	1219	1229	rBV	1029713	1947983	37.80%	3.116%
17	10.633	1271	1283	1289	rBV	1361206	2370449	45.99%	3.791%
18	10.780	1302	1308	1322	rBV	122654	343332	6.66%	0.549%
19	11.457	1413	1423	1431	rBV10	31592	106393	2.06%	0.170%
20	13.886	1827	1836	1840	rBV	1900787	2754363	53.44%	4.405%
21	13.927	1840	1843	1851	rVB	747411	1091537	21.18%	1.746%
22	14.174	1878	1885	1896	rBV	2159416	3334348	64.69%	5.333%
23	14.357	1912	1916	1922	rVB	72302	111619	2.17%	0.179%
24	14.480	1931	1937	1944	rBV2	1778312	2754968	53.45%	4.406%
25	14.545	1944	1948	1957	rVB2	66661	126193	2.45%	0.202%
26	14.692	1967	1973	1985	rBV	391135	873643	16.95%	1.397%
27	14.786	1985	1989	1994	rVB3	56666	109911	2.13%	0.176%
28	14.880	2003	2005	2014	rVB4	56134	101545	1.97%	0.162%
29	15.309	2073	2078	2083	rVB2	121881	162238	3.15%	0.259%
30	15.468	2099	2105	2111	rBV	2688448	3863025	74.95%	6.179%
31	15.604	2123	2128	2135	rBV	480355	707579	13.73%	1.132%
32	15.715	2139	2147	2152	rBV5	135737	270475	5.25%	0.433%
33	16.074	2203	2208	2219	rBV	177346	301826	5.86%	0.483%
34	16.168	2220	2224	2235	rBV	136593	285615	5.54%	0.457%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

35	16.962	2356	2359	2364	rVB2	100018	120213	2.33%	0.192%
36	17.221	2398	2403	2407	rBV2	2057323	3119842	60.53%	4.990%
37	17.268	2407	2411	2415	rVB	669585	899248	17.45%	1.438%
38	17.321	2415	2420	2425	rBV2	2792997	3943515	76.51%	6.307%
39	18.103	2548	2553	2557	rBV2	1003610	1415919	27.47%	2.265%
40	18.503	2617	2621	2624	rBV	217679	298620	5.79%	0.478%
41	18.686	2649	2652	2661	rVB4	234111	319959	6.21%	0.512%
42	19.280	2749	2753	2758	rVB	1467557	1942382	37.69%	3.107%
43	19.380	2766	2770	2776	rBV	942450	1310791	25.43%	2.096%
44	19.615	2805	2810	2813	rBV	3665571	5153982	100.00%	8.243%
45	19.645	2813	2815	2823	rVB	1443751	1800173	34.93%	2.879%
46	21.274	3088	3092	3093	rBV	3477017	4274188	82.93%	6.836%
47	21.403	3109	3114	3118	rBV2	2971759	4358547	84.57%	6.971%

Sum of corrected areas: 62522909

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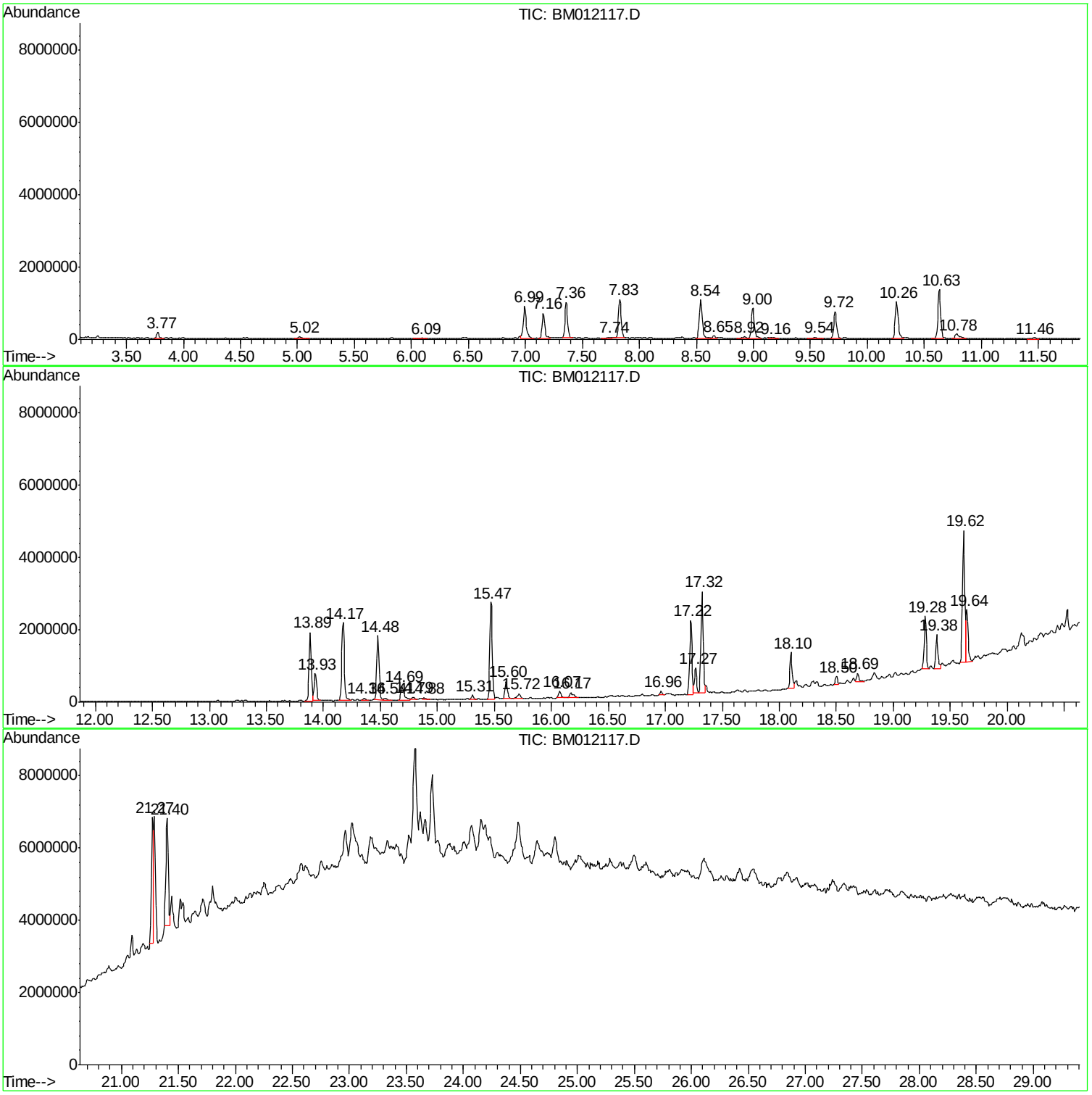
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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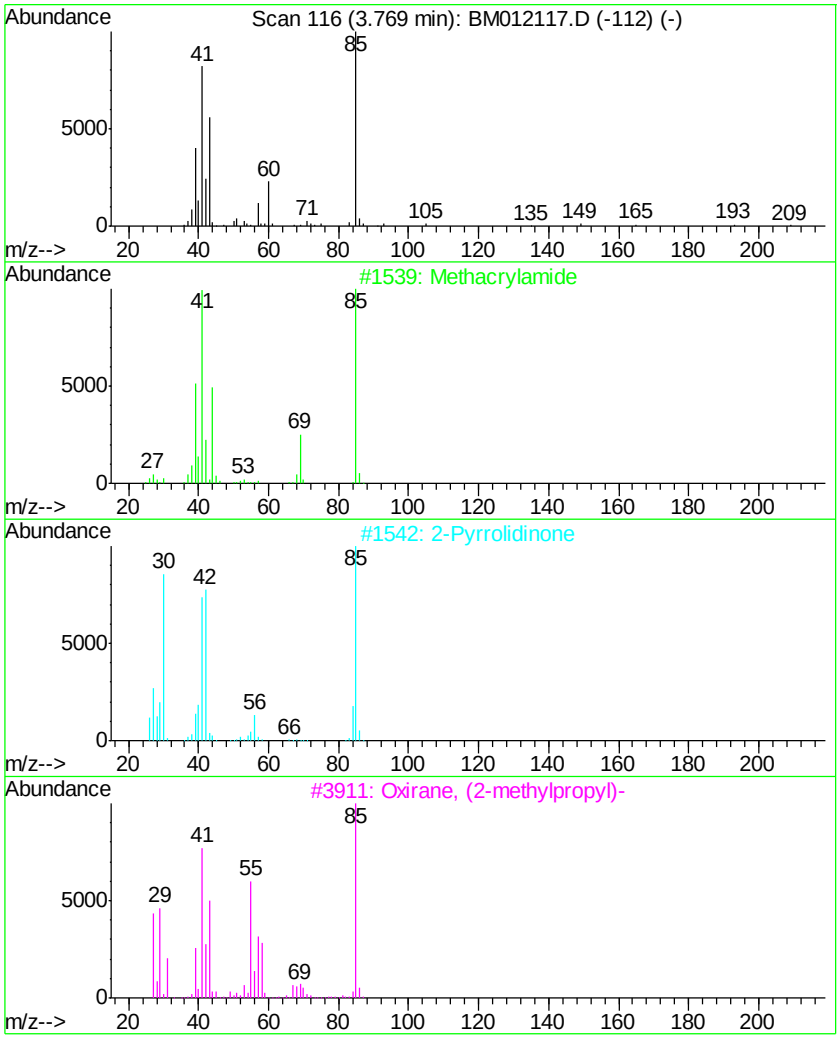
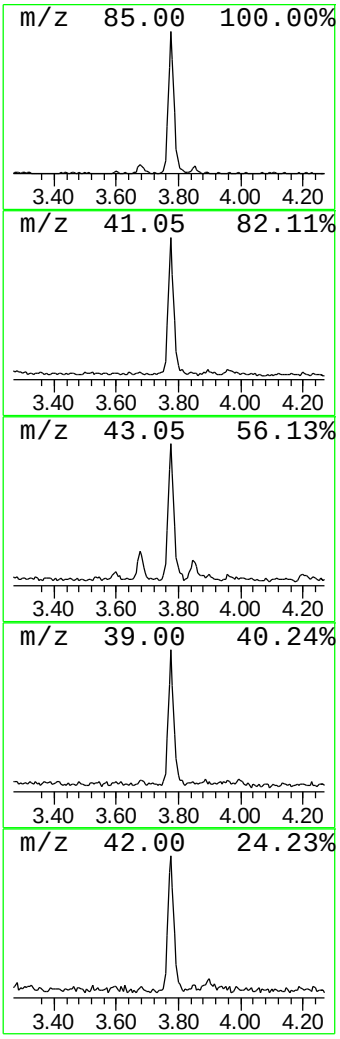
Peak Number 1 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	2.46 ng/ul	215829	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	32
3	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	28
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	25
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	17





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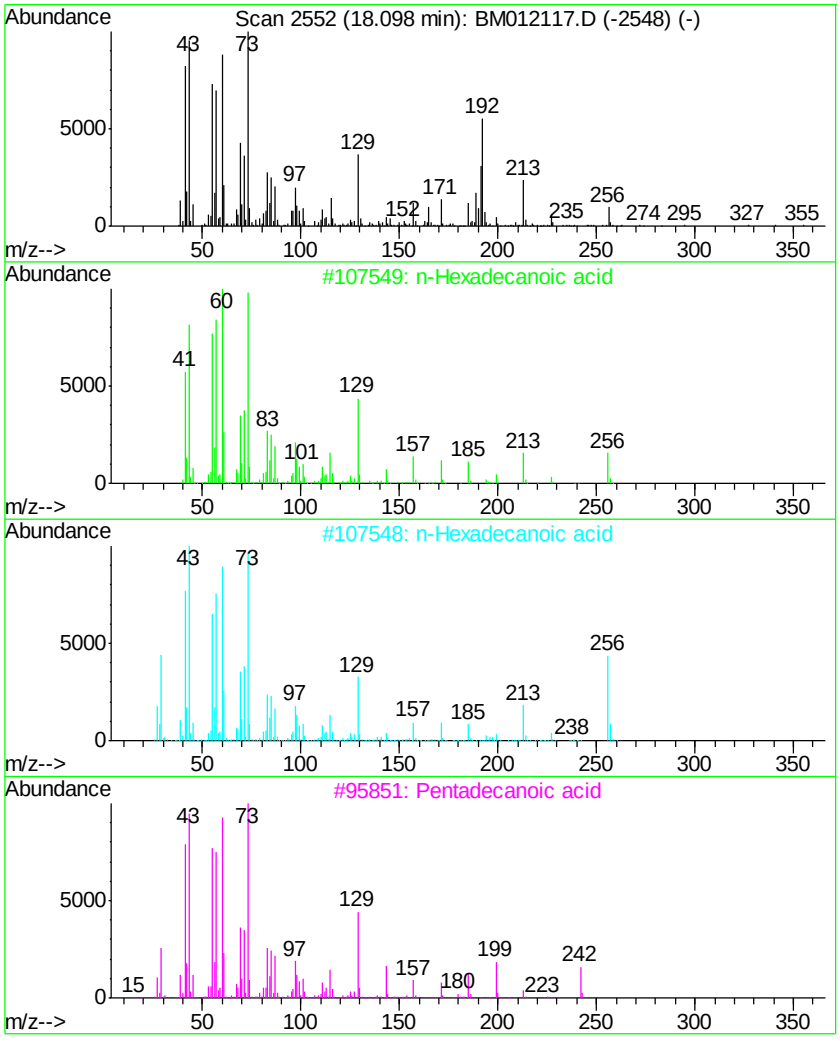
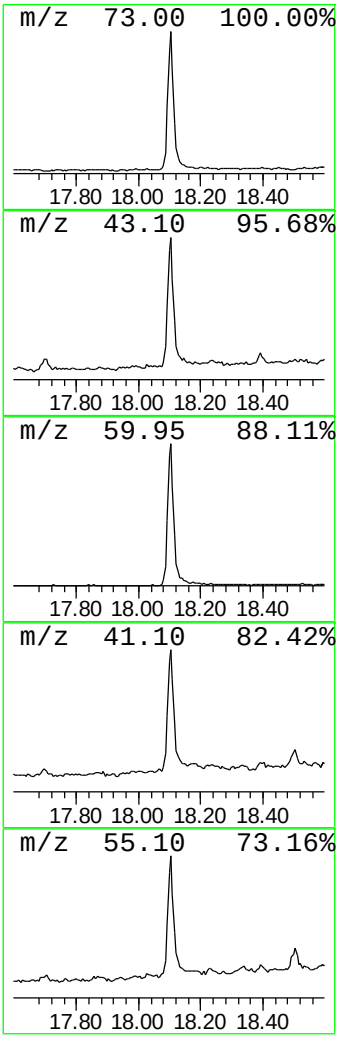
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	9.08 ng/ul	1415920	Phenanthrene-d10	17.22

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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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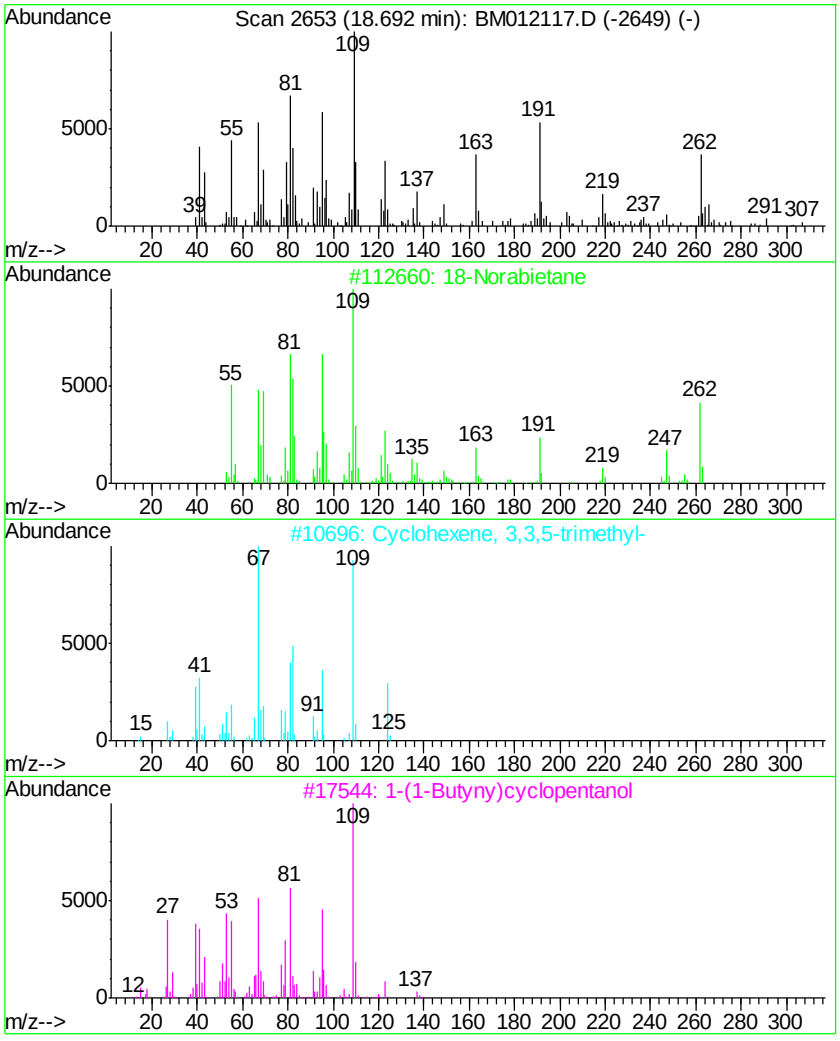
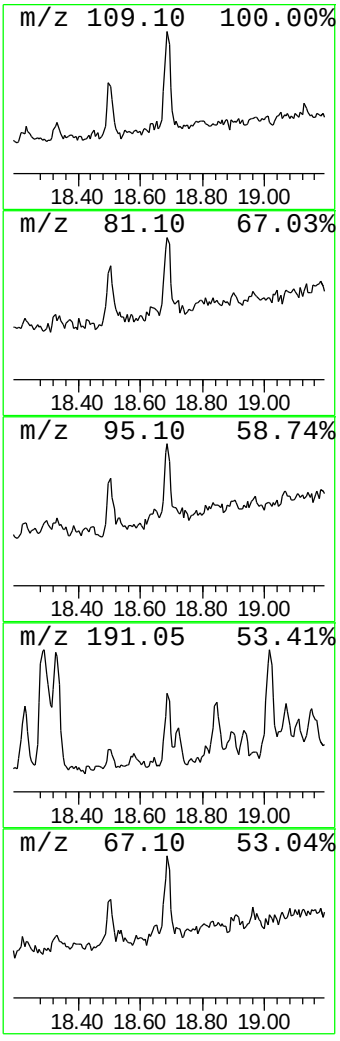
Peak Number 3 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	2.05 ng/ul	319959	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	74
2	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	46
3	1-(1-Butyny)cyclopentanol	138	C9H14O	1000342-86-5	45
4	Silane, 1,2-ethanediylbis[trieth...	246	C14H22Si2	072259-77-9	38
5	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30





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

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TIC Integration Parameters: LSCINT.P

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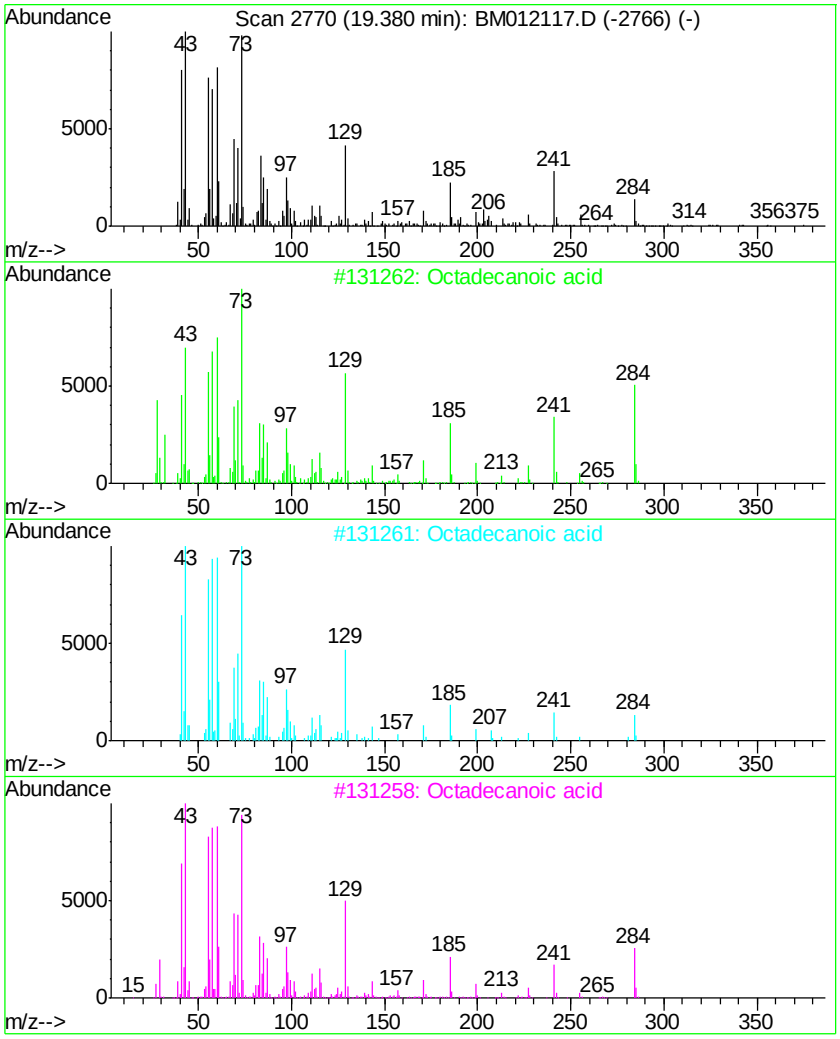
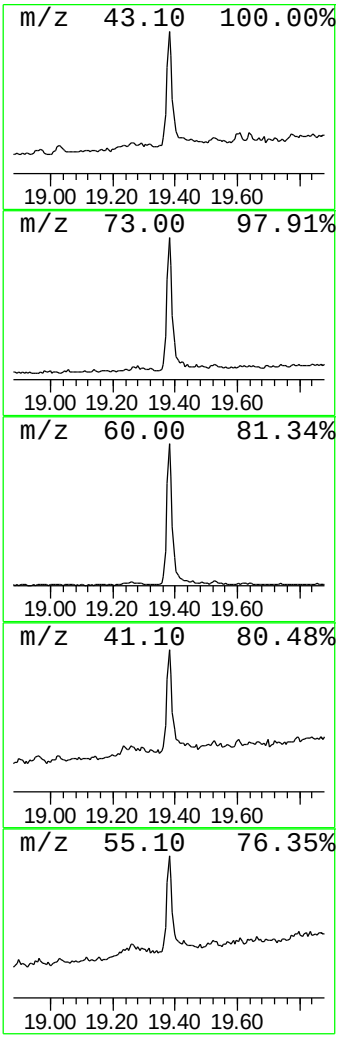
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	6.01 ng/ul	1310790	Chrysene-d12	21.40

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	Octadecanoic acid	284	C18H36O2	000057-11-4	98





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methacrylamide	3.77	2.5	ng/ul	215829	1	7.83	1757310	20.0
n-Hexadecanoic acid	18.10	9.1	ng/ul	1415920	4	17.22	3119840	20.0
18-Norabietane	18.69	2.0	ng/ul	319959	4	17.22	3119840	20.0
Octadecanoic acid	19.38	6.0	ng/ul	1310790	5	21.40	4358550	20.0