LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012237.D
Acq On : 17 Oct 2017 04:10
Operator : SJ/JU
Sample : I5548-17RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AF7RE

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	3.740	106	111	118	rBV	206838	284123	5.91%	0.482%
2	4.987	318	323	335	rBV	59318	117980	2.46%	0.200%
3	6.963	652	659	673	rBV	695158	1331808	27.71%	2.260%
4	7.122	680	686	699	rBV	557755	907754	18.89%	1.541%
5	7.328	714	721	729	rBV	800279	1380964	28.74%	2.344%
6	7.793	793	800	815	rBV	1413720	2312343	48.12%	3.925%
7	8.510	915	922	931	rBV	874725	1561934	32.50%	2.651%
8	8.963	991	999	1012	rBV	751796	1301614	27.09%	2.209%
9	9.687	1113	1122	1133	rBV	648276	1196975	24.91%	2.032%
10	10.228	1207	1214	1235	rBV	876338	1843433	38.36%	3.129%
11	10.592	1264	1276	1282	rBV	1827897	3105149	64.62%	5.270%
12	10.645	1282	1285	1290	rVB	71397	114776	2.39%	0.195%
13	10.757	1295	1304	1326	rBV	148375	454970	9.47%	0.772%
14	13.857	1822	1831	1835	rBV	1769455	2561535	53.30%	4.348%
15	13.904	1835	1839	1845	rVB	641919	914379	19.03%	1.552%
16	14.139	1873	1879	1896	rBV	1893856	3248638	67.60%	5.514%
17	14.322	1905	1910	1915	rBV4	61299	119292	2.48%	0.202%
18	14.445	1925	1931	1939	rVV2	2335801	3579116	74.48%	6.075%
19	14.516	1939	1943	1951	rVB3	63407	115052	2.39%	0.195%
20	14.680	1965	1971	1982	rBV	273935	662586	13.79%	1.125%
21	15.274	2069	2072	2076	rBV2	71552	92854	1.93%	0.158%
22	15.439	2095	2100	2106	rBV	2289344	3359270	69.90%	5.702%
23	15.586	2121	2125	2131	rBV	350085	554713	11.54%	0.942%
24	17.198	2394	2399	2403	rBV	2650739	3764545	78.34%	6.390%
25	17.239	2403	2406	2410	rVB	967645	1210376	25.19%	2.054%
26	17.298	2411	2416	2420	rBV	2201527	3298720	68.64%	5.599%
27	17.786	2496	2499	2503	rBV	342344	433265	9.02%	0.735%
28	18.080	2544	2549	2553	rBV2	1141013	1721048	35.81%	2.921%
29	19.257	2745	2749	2754	rVB	2453156	3115299	64.83%	5.288%
30	19.362	2763	2767	2771	rBV2	1220508	1678730	34.93%	2.849%
31	19.592	2802	2806	2809	rBV	2989629	4676444	97.31%	7.937%
32	19.621	2809	2811	2819	rVB	2293780	3091381	64.33%	5.247%
33	21.386	3106	3111	3114	rBV2	3330674	4805525	100.00%	8.156%

LSC Area Percent Report

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Peak separation: 5

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

Sum of corrected areas: 58916591

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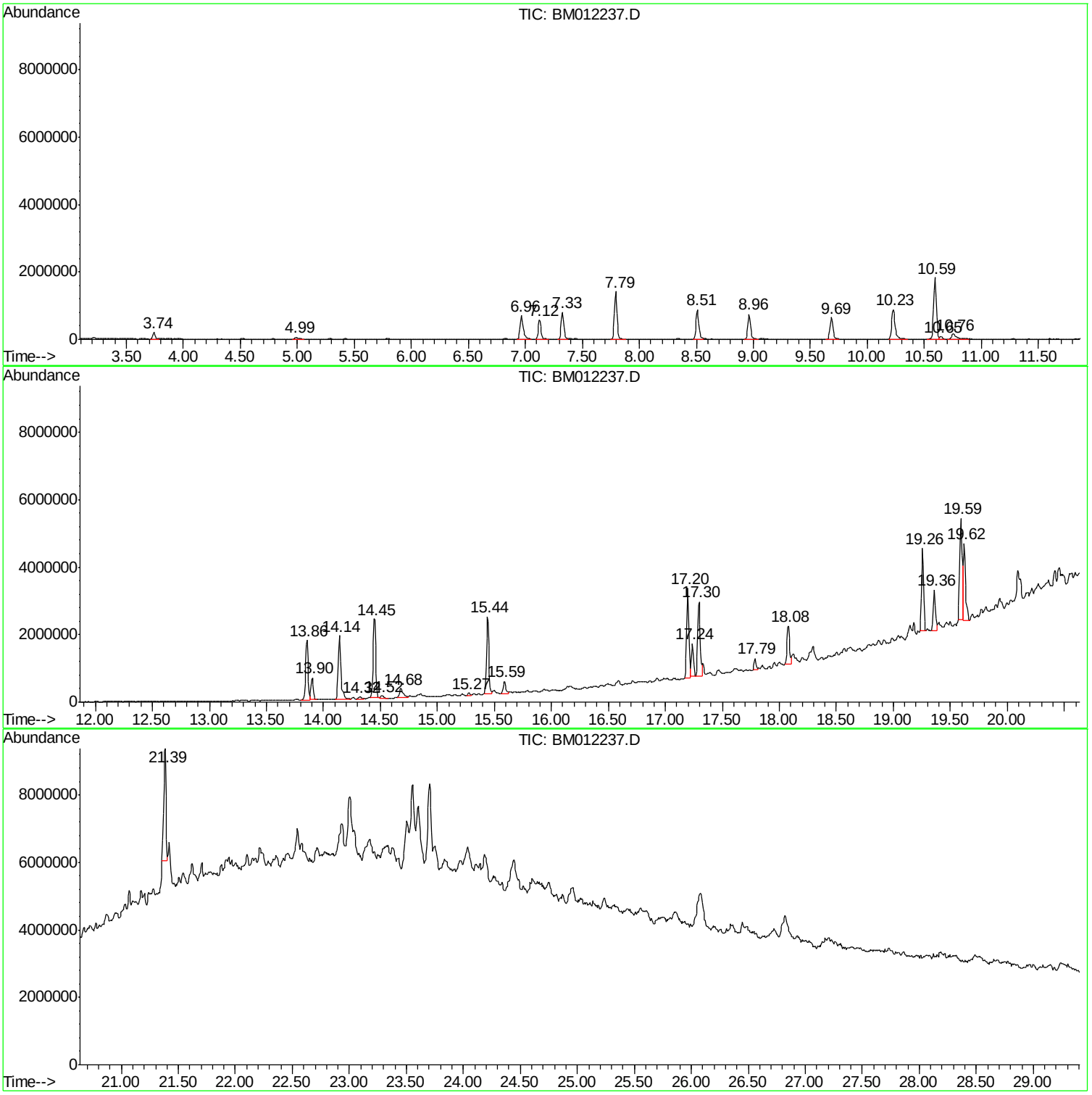
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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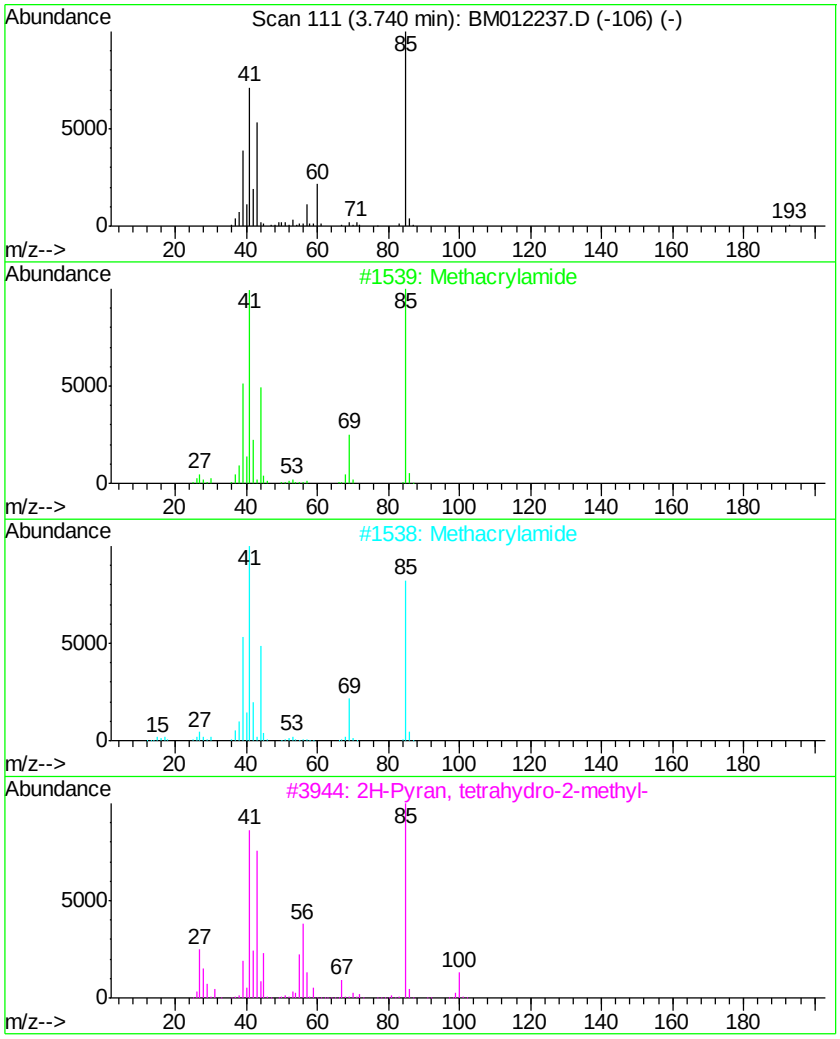
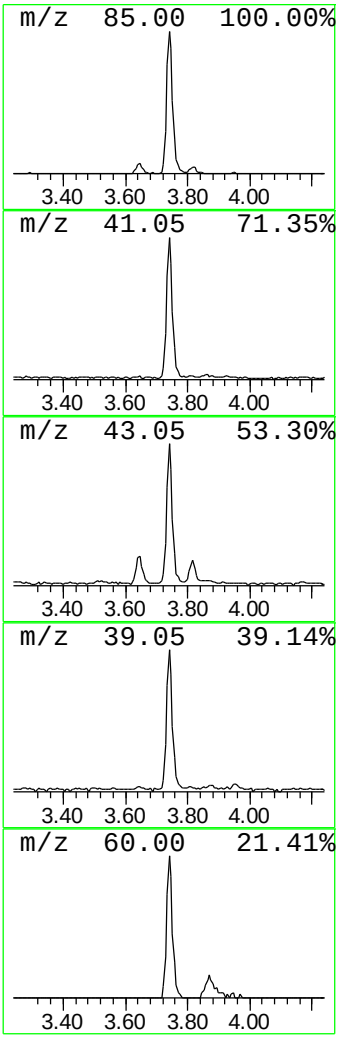
Peak Number 1 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	2.46 ng/ul	284123	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	72
2	Methacrylamide	85	C4H7NO	000079-39-0	53
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	47
4	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
5	Thiazole	85	C3H3NS	000288-47-1	38





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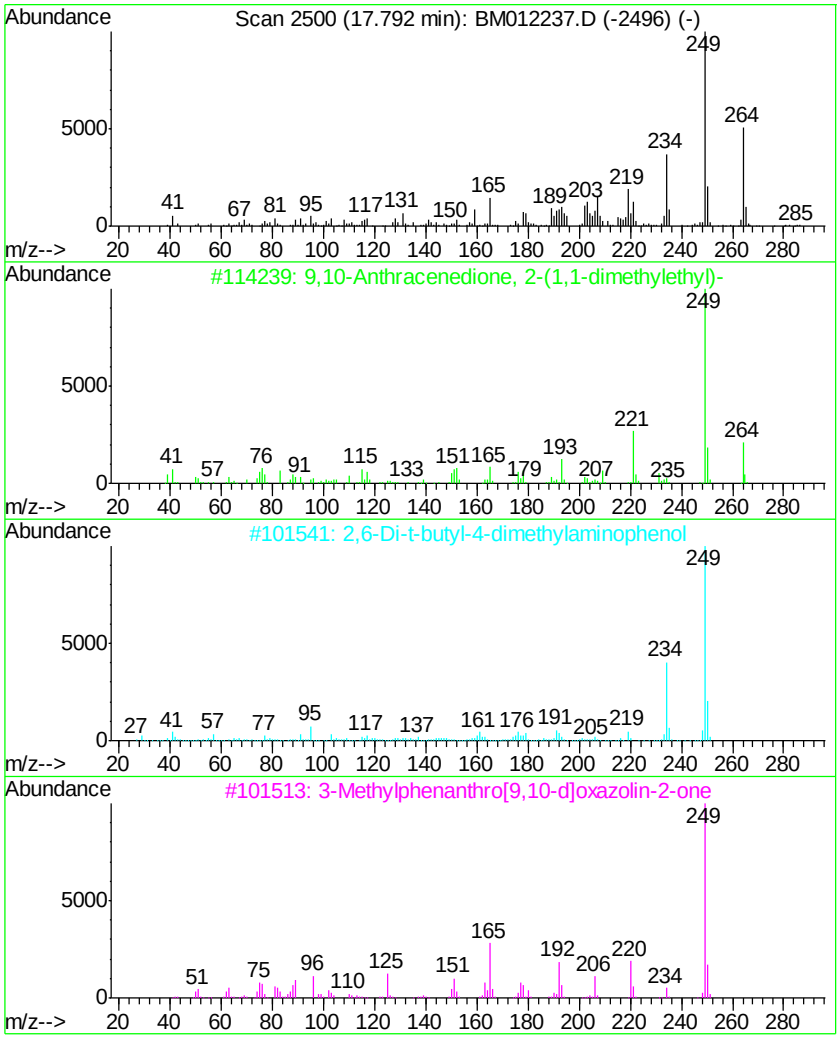
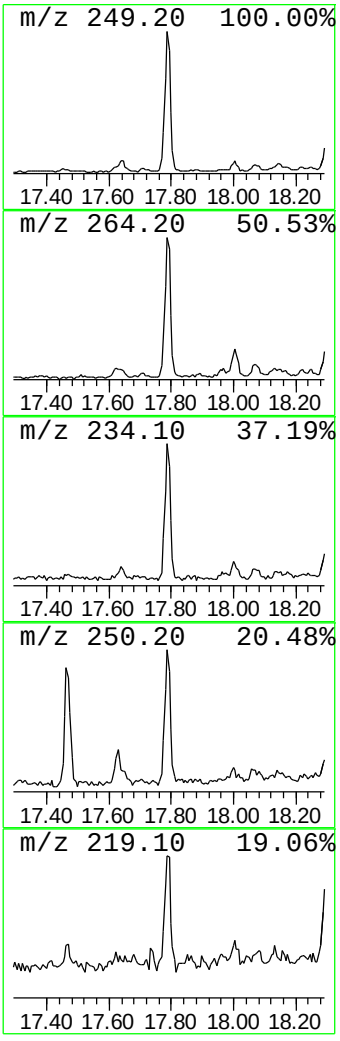
Peak Number 2 9,10-Anthracenedione, 2-(1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.30 ng/ul	433265	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-(1,1-dim...	264	C18H16O2	000084-47-9	72
2	2,6-Di-t-butyl-4-dimethylaminoph...	249	C16H27NO	010437-44-2	64
3	3-Methylphenanthro[9,10-d]oxazol...	249	C16H11NO2	053581-34-3	49
4	6-Biphenyl-4-yl-5-nitro-piperidi...	296	C17H16N2O3	1000295-23-4	47
5	Benzene-1,4-diamine, N-(2-methyl...	249	C16H15N3	1000269-06-5	46





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AF7RE

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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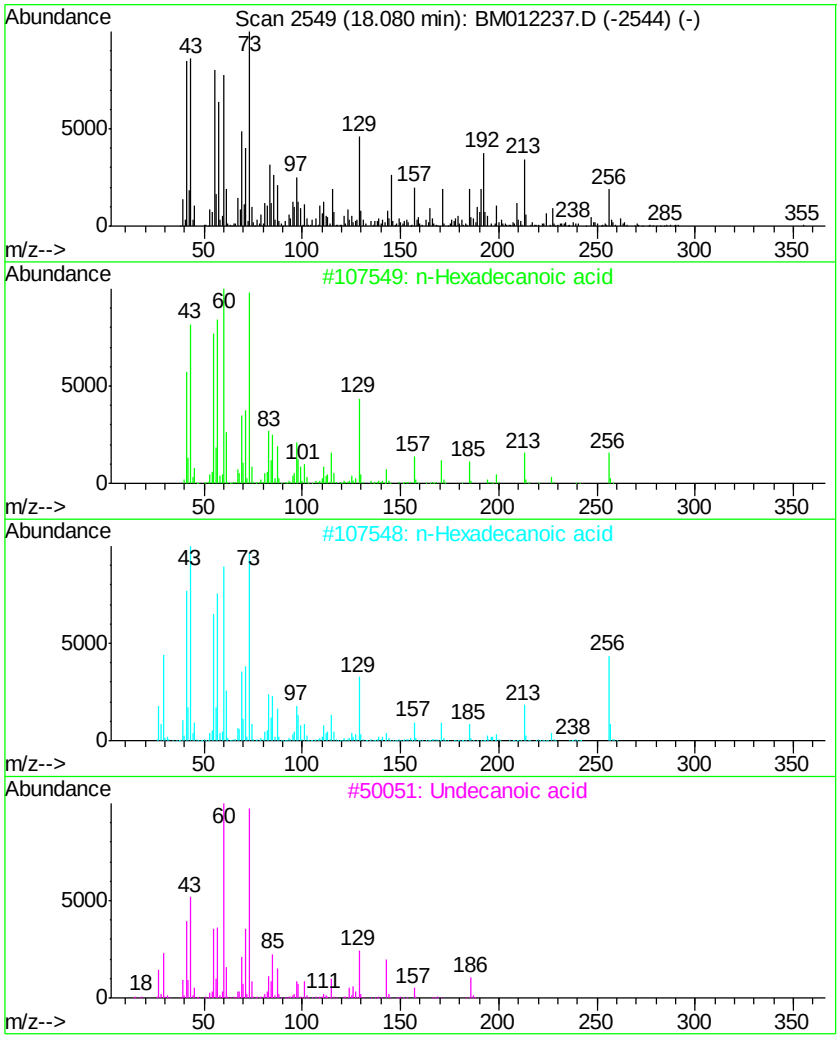
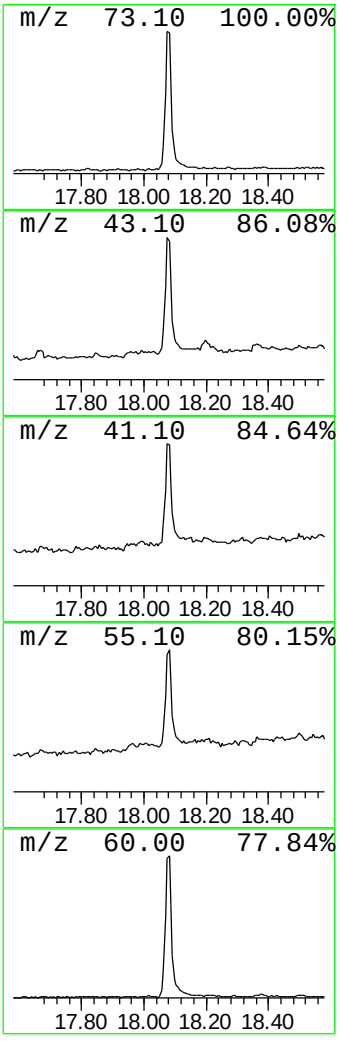
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	9.14 ng/ul	1721050	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Undecanoic acid	186	C11H22O2	000112-37-8	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Quant Title : SVOA CALIBRATION

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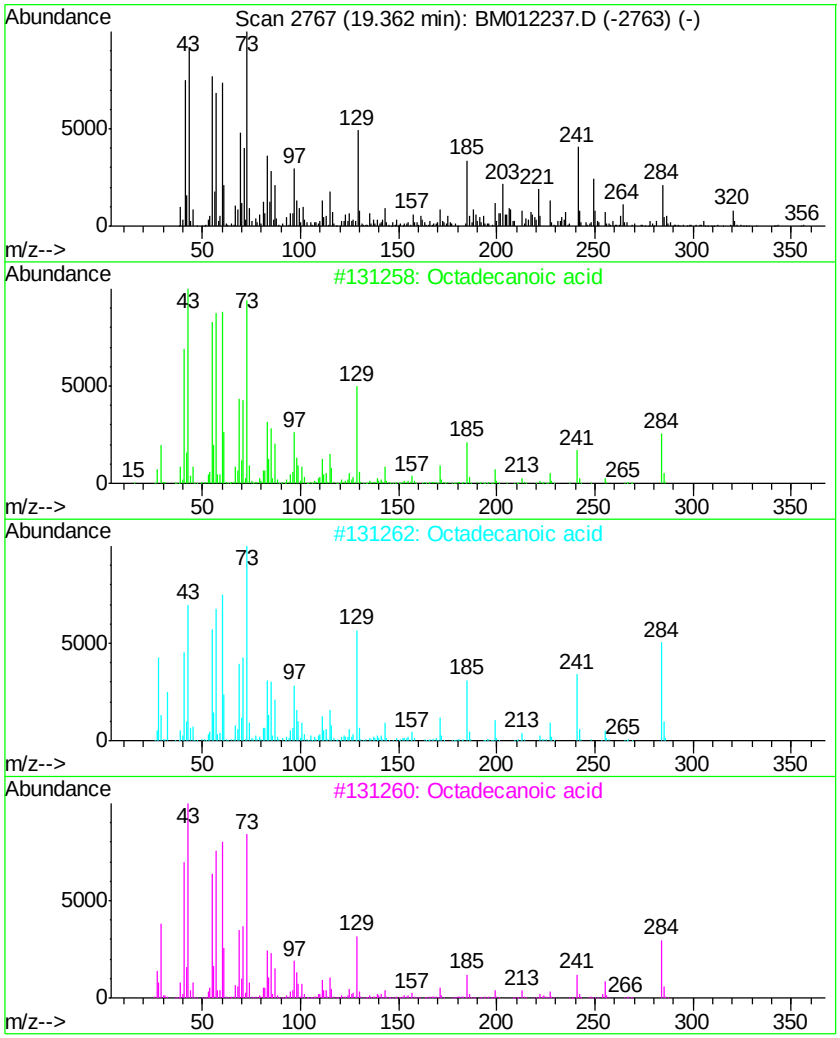
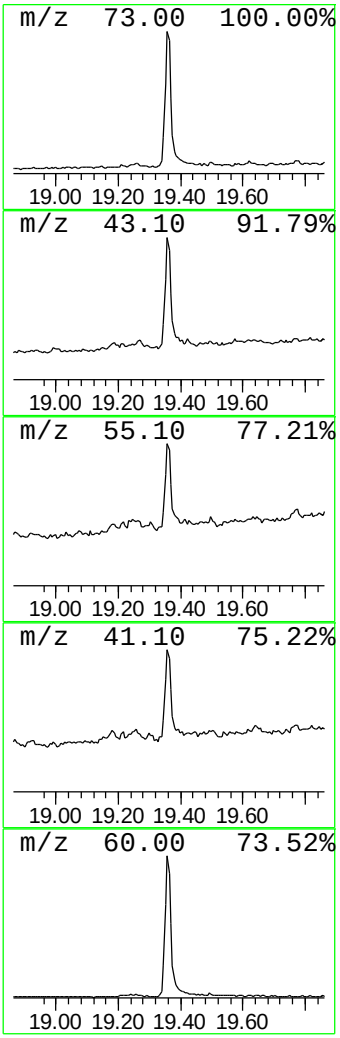
Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	6.99 ng/ul	1678730	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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	3.74	2.5	ng/ul	284123	1	7.79	2312340	20.0
9,10-Anthracenedi...	17.79	2.3	ng/ul	433265	4	17.20	3764550	20.0
n-Hexadecanoic acid	18.08	9.1	ng/ul	1721050	4	17.20	3764550	20.0
Octadecanoic acid	19.36	7.0	ng/ul	1678730	5	21.39	4805530	20.0