LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	3.540	39	43	49	rBV	17468	29420	1.37%	0.267%
2	5.346	344	350	364	rBV	29011	55483	2.59%	0.503%
3	7.487	709	714	729	rVB4	14392	44101	2.06%	0.400%
4	7.646	736	741	747	rBV2	23172	39973	1.87%	0.363%
5	7.857	772	777	787	rBV	33142	58659	2.74%	0.532%
6	8.322	850	856	869	rBV	382229	642334	30.01%	5.827%
7	9.051	974	980	988	rBV	25085	47475	2.22%	0.431%
8	9.522	1053	1060	1069	rBV	22781	45095	2.11%	0.409%
9	10.245	1177	1183	1189	rBV2	16115	27321	1.28%	0.248%
10	10.793	1270	1276	1287	rVB2	28591	58716	2.74%	0.533%
11	11.151	1330	1337	1348	rBV	529116	904856	42.27%	8.208%
12	12.451	1552	1558	1564	rBV	33025	54616	2.55%	0.495%
13	14.339	1875	1879	1883	rBV	70629	97016	4.53%	0.880%
14	14.386	1883	1887	1895	rVB	181144	241365	11.28%	2.189%
15	14.639	1924	1930	1935	rBV	53683	80158	3.74%	0.727%
16	14.945	1975	1982	1990	rBV2	772240	1182328	55.23%	10.725%
17	15.927	2144	2149	2154	rBV	93069	132916	6.21%	1.206%
18	16.280	2203	2209	2218	rBV	184085	247730	11.57%	2.247%
19	17.669	2439	2445	2455	rBV	1037544	1504763	70.30%	13.650%
20	17.769	2456	2462	2470	rVV	101590	153295	7.16%	1.391%
21	18.380	2563	2566	2572	rVB5	17969	22483	1.05%	0.204%
22	18.504	2582	2587	2600	rBV	268074	362483	16.93%	3.288%
23	19.633	2772	2779	2785	rBV9	16509	41198	1.92%	0.374%
24	19.751	2795	2799	2809	rBV	148225	207712	9.70%	1.884%
25	20.021	2839	2845	2852	rBV	138044	204618	9.56%	1.856%
26	21.433	3082	3085	3091	rBV2	104984	132185	6.18%	1.199%
27	21.774	3138	3143	3151	rBV	1548059	2005443	93.69%	18.192%
28	22.962	3341	3345	3351	rVB	185969	259534	12.12%	2.354%
29	24.180	3546	3552	3562	rVB2	1065163	2140551	100.00%	19.417%

Sum of corrected areas: 11023827

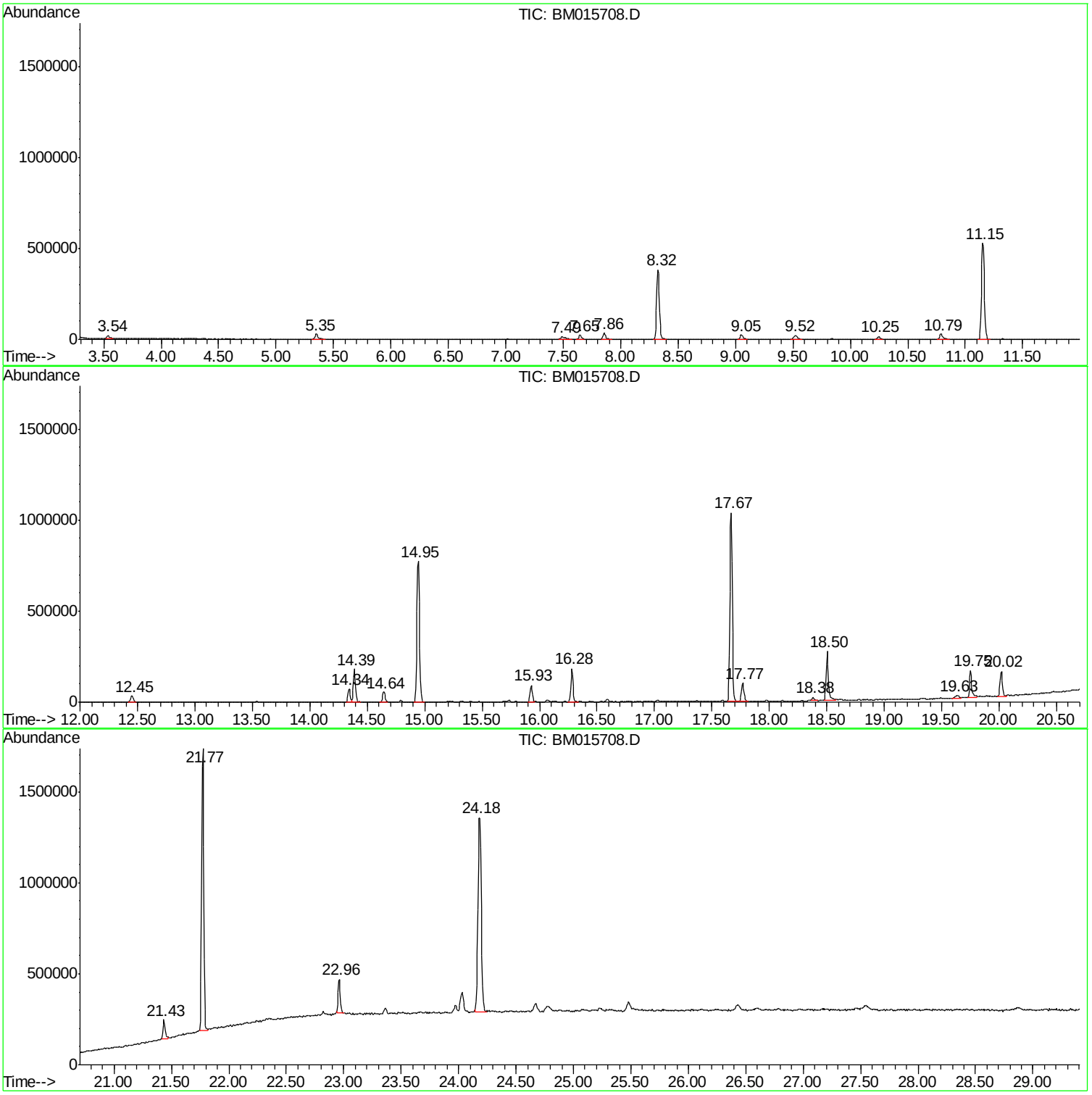
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

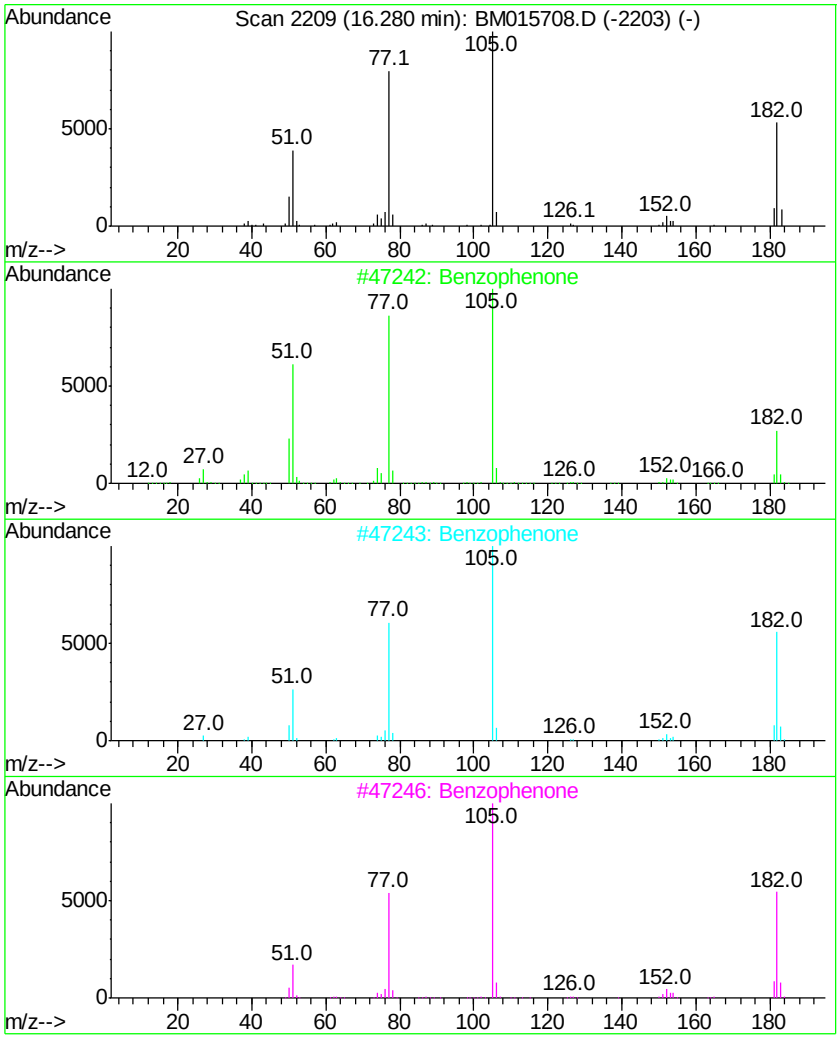
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

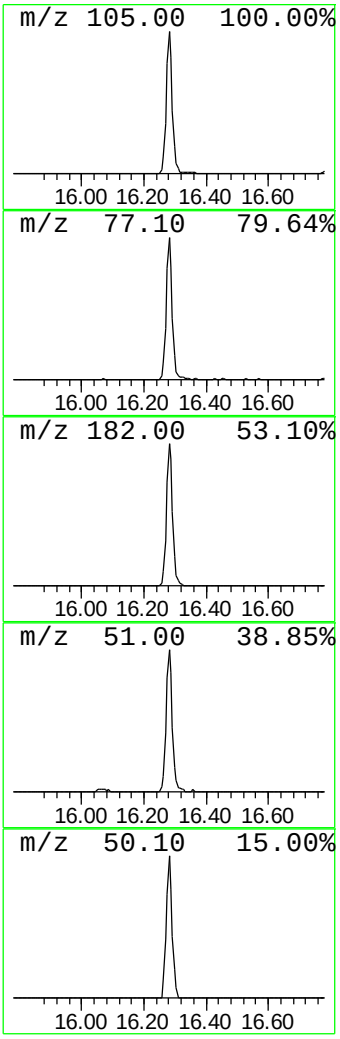
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	4.19 ng/ul	247730	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

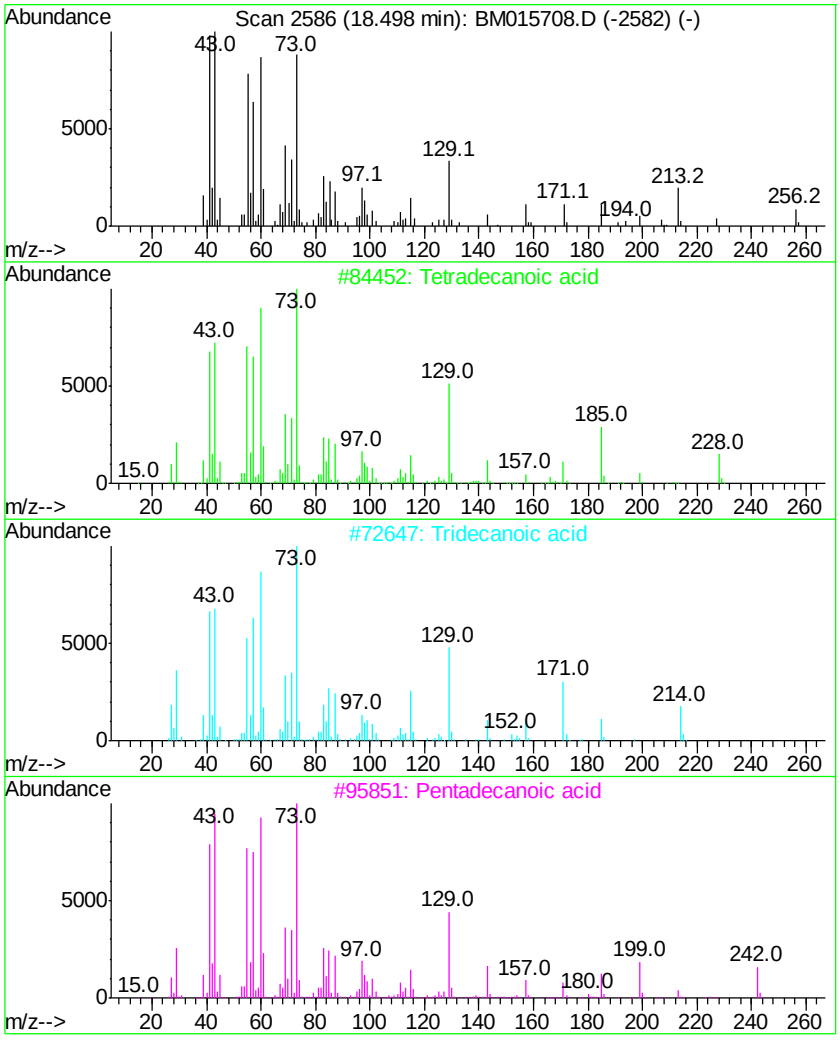
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

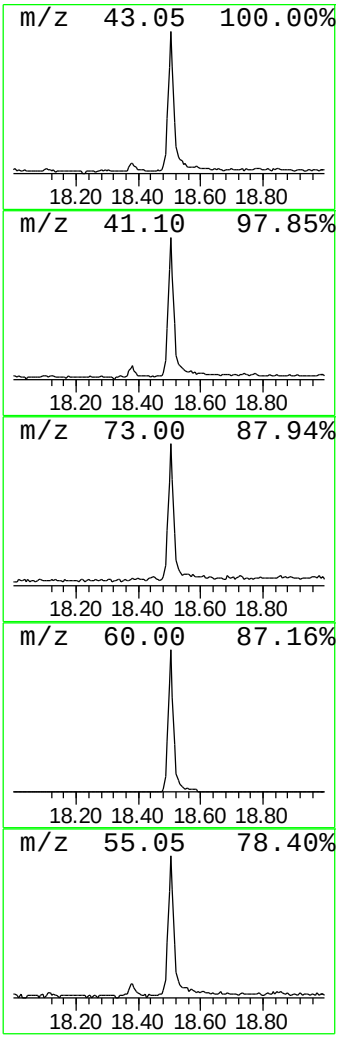
****

Peak Number 2 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.82 ng/ul	362483	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

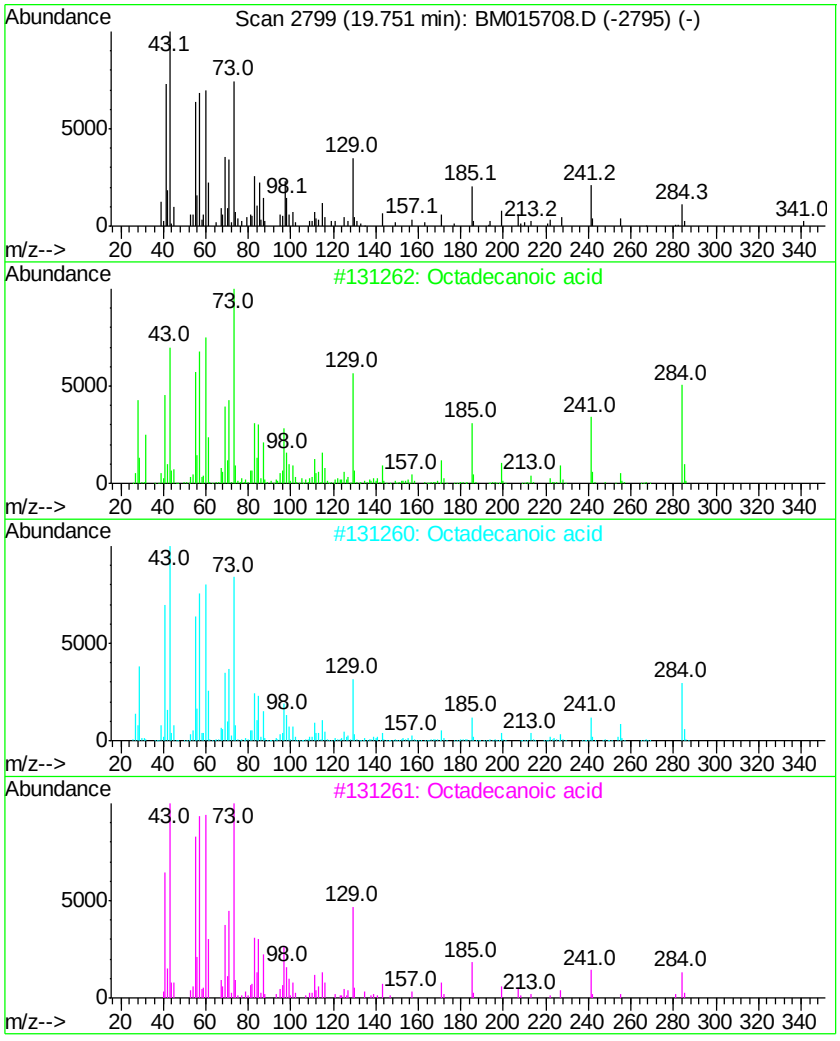
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

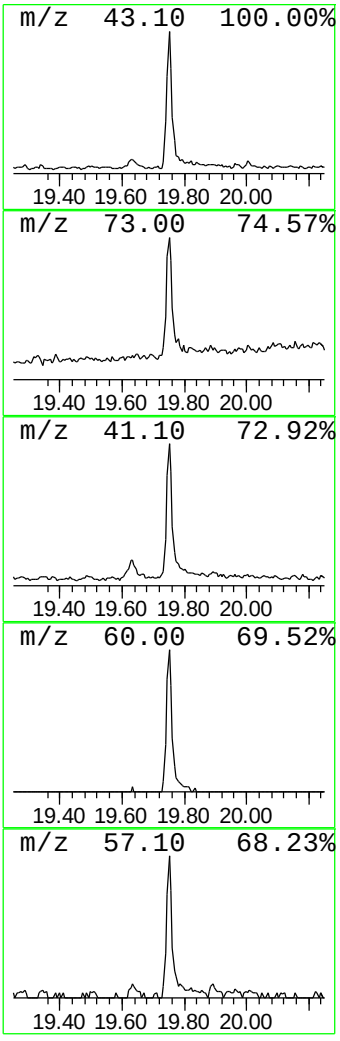
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.07 ng/ul	207712	Chrysene-d12	21.77

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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

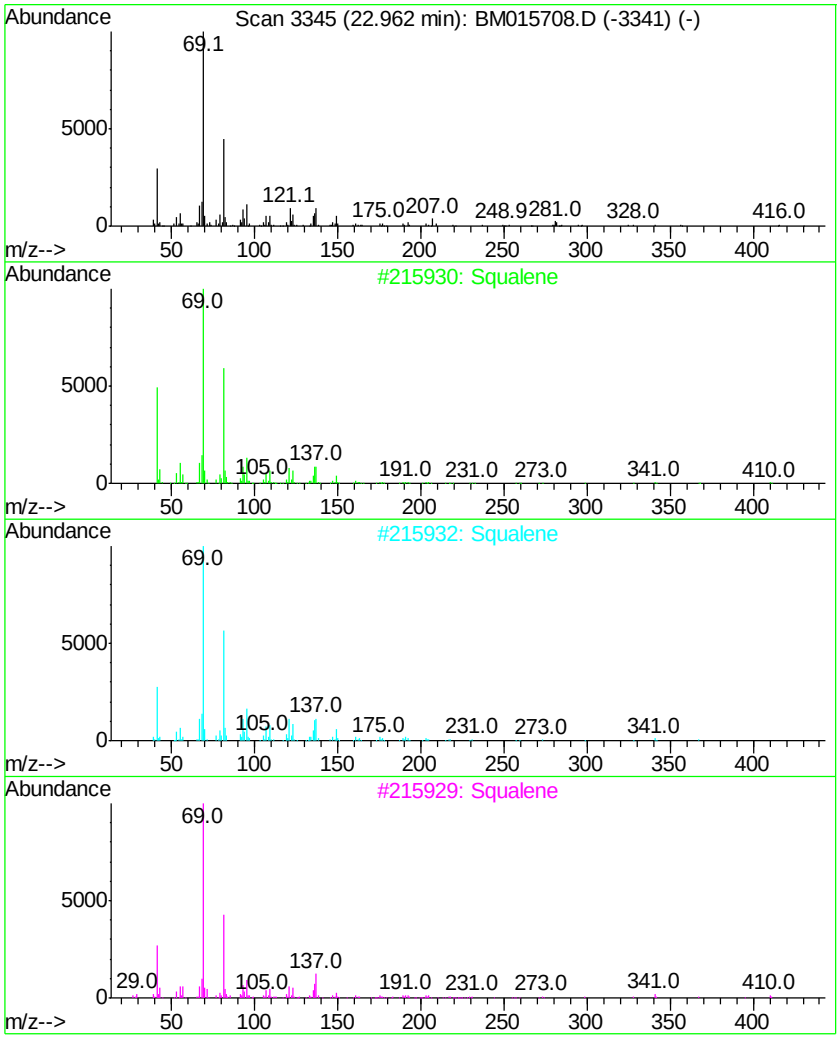
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

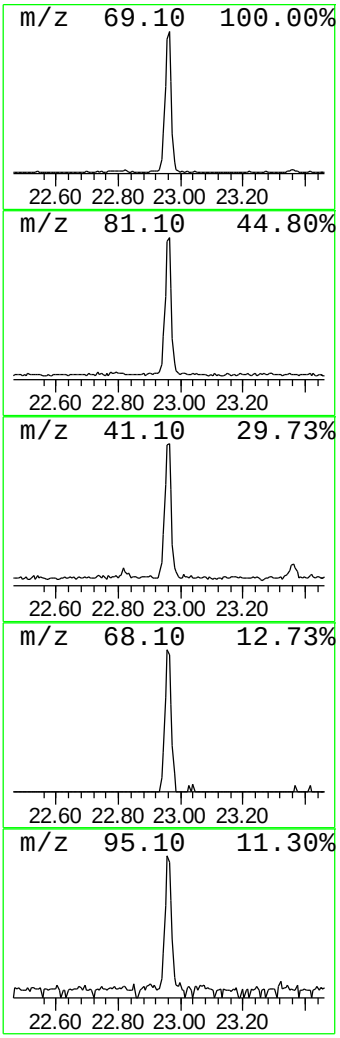
****

Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.59 ng/ul	259534	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Squalene	410	C30H50	000111-02-4	87
3	Squalene	410	C30H50	000111-02-4	83
4	Supraene	410	C30H50	007683-64-9	74
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061818\
Data File : BM015708.D
Acq On : 19 Jun 2018 01:34
Operator : SJ/JU
Sample : J3527-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXS6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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
Benzophenone	16.28	4.2	ng/ul	247730	3	14.95	1182330	20.0
Tetradecanoic acid	18.50	4.8	ng/ul	362483	4	17.67	1504760	20.0
Octadecanoic acid	19.75	2.1	ng/ul	207712	5	21.77	2005440	20.0
Squalene	22.96	2.6	ng/ul	259534	5	21.77	2005440	20.0