LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015700.D
Acq On : 18 Jun 2018 19:56
Operator : SJ/JU
Sample : J3527-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXP9

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	3.534	38	42	52	rVB	18256	32476	1.27%	0.143%
2	5.346	346	350	362	rBV	48081	79575	3.11%	0.350%
3	7.481	707	713	726	rBV2	62188	136533	5.33%	0.601%
4	7.640	733	740	754	rBV	238322	390022	15.23%	1.717%
5	7.851	770	776	791	rVB	272402	465632	18.18%	2.050%
6	8.328	851	857	867	rBV	311788	512299	20.00%	2.255%
7	9.039	971	978	989	rBV	192086	325255	12.70%	1.432%
8	9.510	1052	1058	1070	rBV	322970	563690	22.01%	2.481%
9	10.239	1175	1182	1191	rBV	278139	477122	18.63%	2.100%
10	10.775	1267	1273	1292	rBV	383181	687410	26.84%	3.026%
11	11.157	1331	1338	1347	rBV	440639	742426	28.99%	3.268%
12	12.451	1549	1558	1567	rBV	43920	70347	2.75%	0.310%
13	14.345	1874	1880	1884	rBV	824242	1128130	44.05%	4.966%
14	14.386	1884	1887	1895	rVB	99484	141047	5.51%	0.621%
15	14.645	1921	1931	1942	rBV	871916	1252221	48.90%	5.512%
16	14.945	1976	1982	1991	rVB2	683302	1000919	39.09%	4.406%
17	15.163	2015	2019	2028	rBV2	25964	58755	2.29%	0.259%
18	15.927	2143	2149	2158	rBV	1192522	1641060	64.08%	7.224%
19	16.057	2165	2171	2181	rBV	350972	493147	19.26%	2.171%
20	16.280	2203	2209	2218	rBV	213138	295727	11.55%	1.302%
21	17.668	2439	2445	2452	rBV	895317	1263742	49.35%	5.563%
22	17.768	2456	2462	2473	rBV	1279909	1803421	70.42%	7.939%
23	18.504	2582	2587	2598	rBV	191692	265052	10.35%	1.167%
24	19.750	2795	2799	2808	rBV	188046	274254	10.71%	1.207%
25	20.021	2839	2845	2853	rBV	1672643	2208081	86.22%	9.720%
26	21.433	3082	3085	3093	rBV3	66921	103225	4.03%	0.454%
27	21.774	3138	3143	3152	rBV	1391330	1763467	68.86%	7.763%
28	23.362	3410	3413	3420	rVB	108607	162507	6.35%	0.715%
29	24.033	3520	3527	3537	rVB	1325445	2560861	100.00%	11.273%
30	24.186	3547	3553	3562	rVB	943906	1818868	71.03%	8.007%

Sum of corrected areas: 22717271

LSC Report - Integrated Chromatogram

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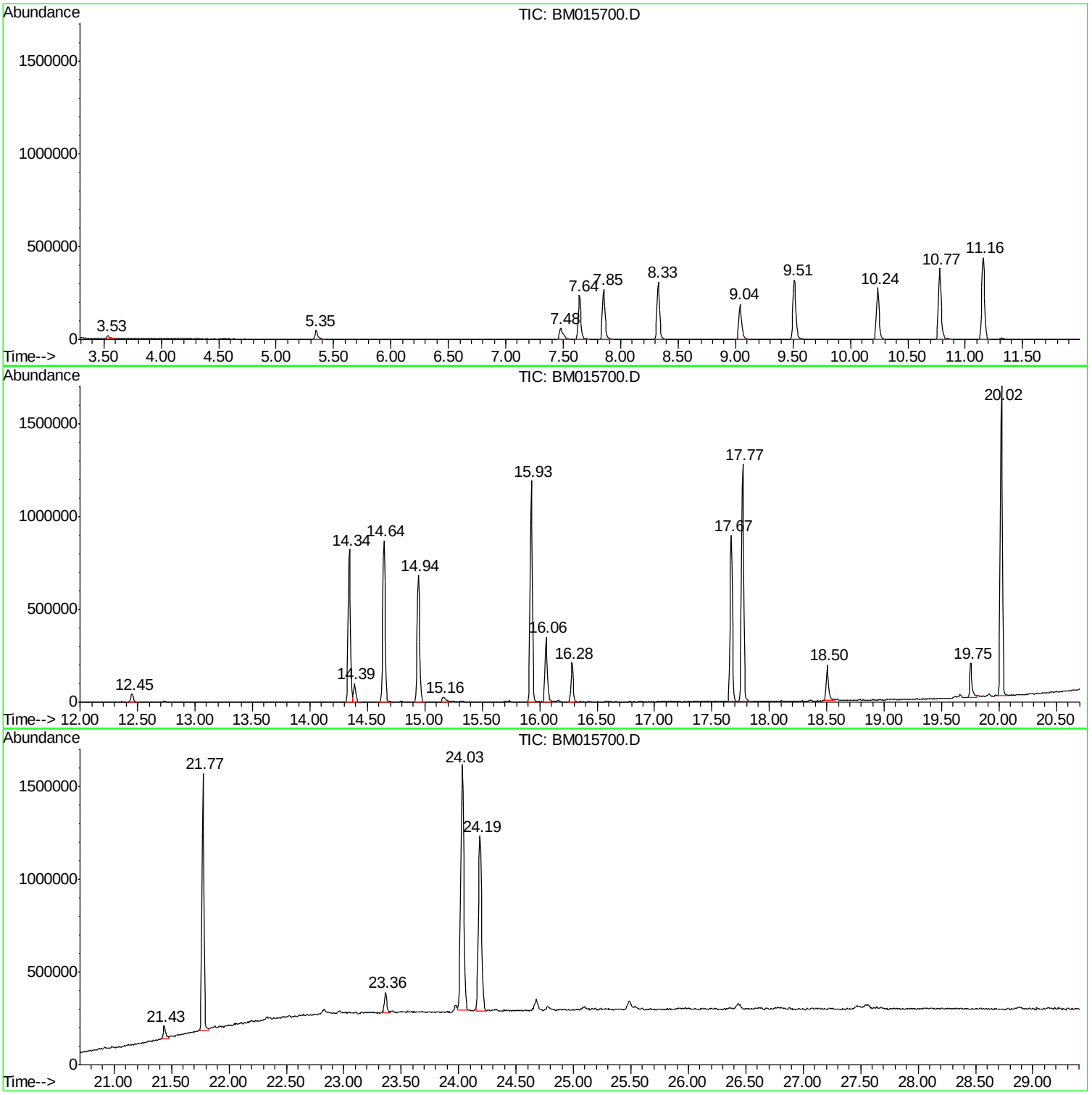
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXP9

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

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

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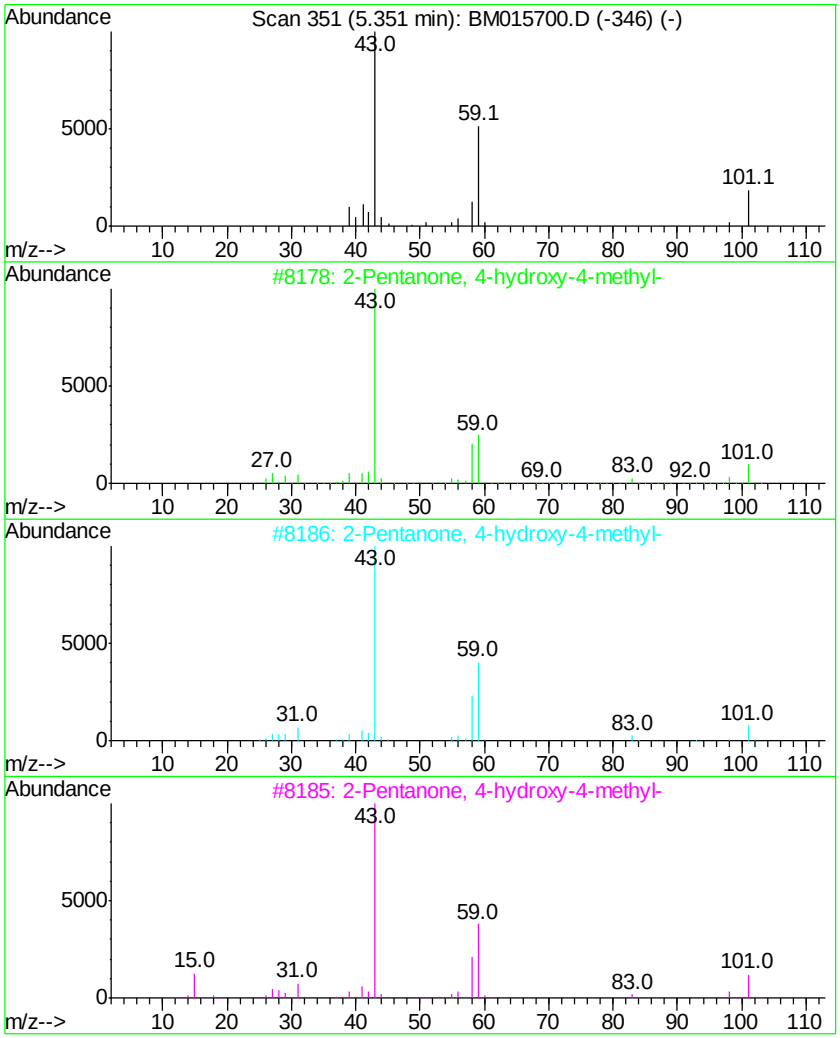
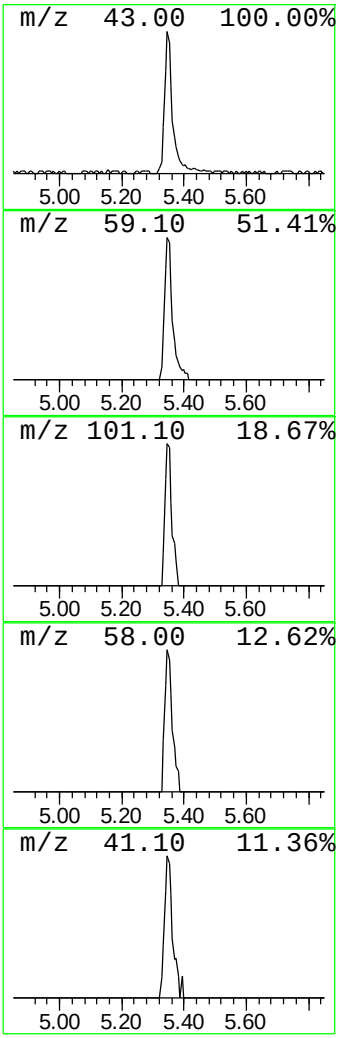
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	3.11 ng/ul	79575	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





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Instrument : BNA_M
ClientSampleId : DAXP9

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

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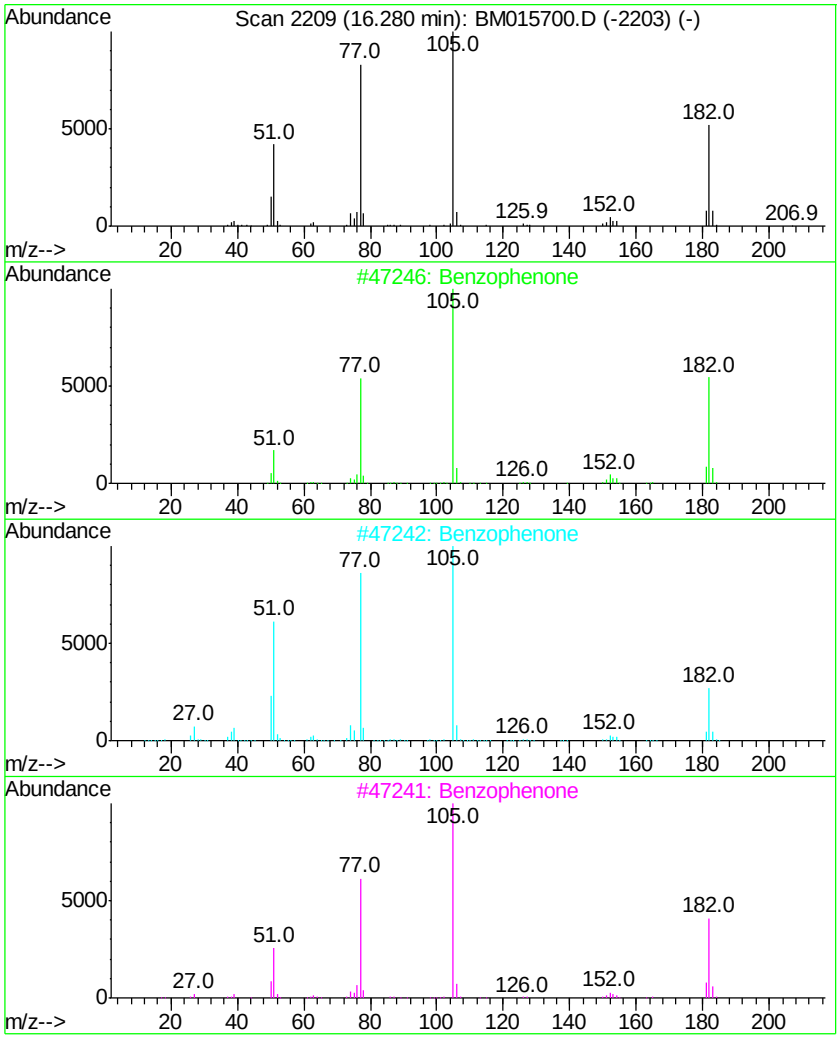
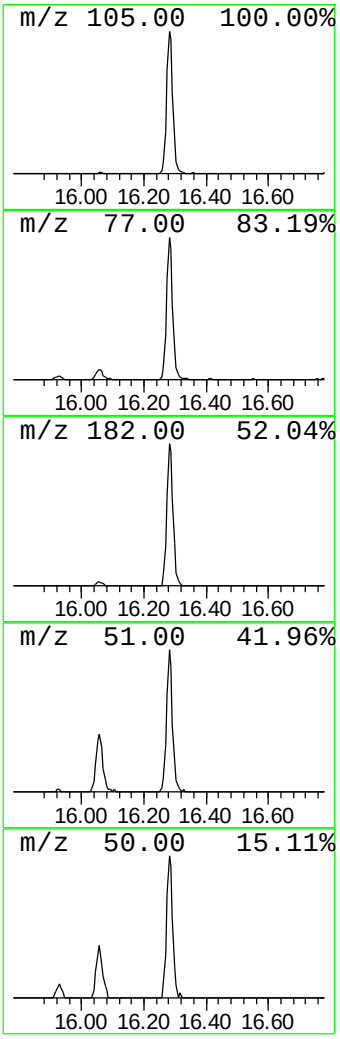
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	5.91 ng/ul	295727	Acenaphthene-d10	14.94

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





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ClientSampleId : DAXP9

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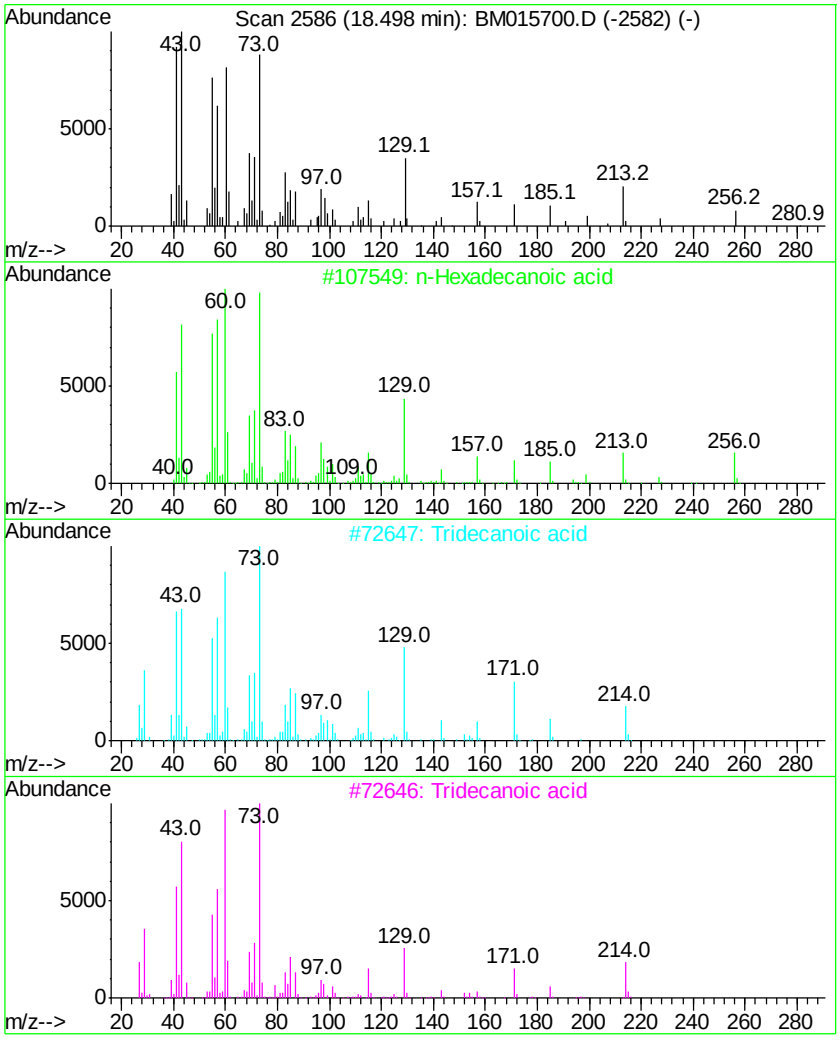
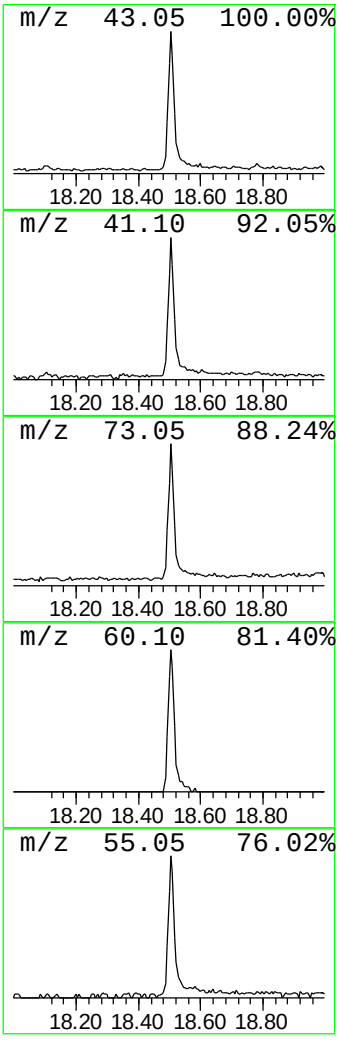
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	4.19 ng/ul	265052	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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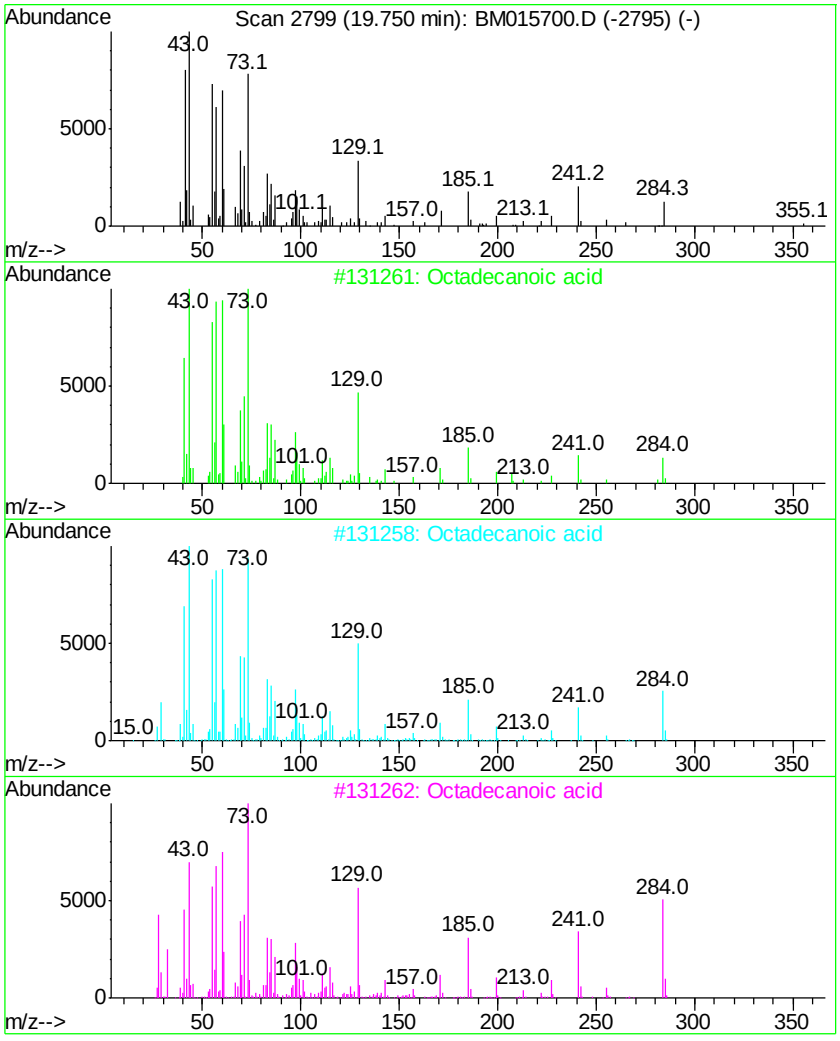
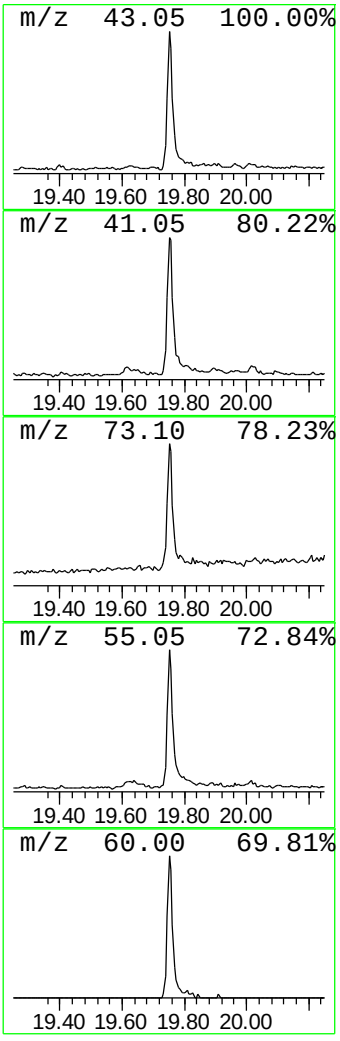
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.11 ng/ul	274254	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.35	3.1	ng/ul	79575	1	8.33	512299	20.0
Benzophenone	16.28	5.9	ng/ul	295727	3	14.94	1000920	20.0
n-Hexadecanoic acid	18.50	4.2	ng/ul	265052	4	17.67	1263740	20.0
Octadecanoic acid	19.75	3.1	ng/ul	274254	5	21.77	1763470	20.0