LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015703.D
Acq On : 18 Jun 2018 21:49
Operator : SJ/JU
Sample : J3527-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ0

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	39	42	52	rVB	22962	34810	1.19%	0.133%
2	5.345	345	350	359	rBV	80824	131230	4.48%	0.503%
3	7.475	705	712	727	rBV2	87466	173866	5.93%	0.666%
4	7.639	734	740	754	rBV	296094	471599	16.10%	1.807%
5	7.851	769	776	785	rBV	346998	584911	19.97%	2.241%
6	8.328	851	857	871	rBV	350882	588790	20.10%	2.256%
7	9.039	972	978	992	rBV	246415	422063	14.41%	1.617%
8	9.510	1051	1058	1072	rBV	407266	694745	23.72%	2.661%
9	10.233	1175	1181	1197	rBV	340472	597921	20.41%	2.291%
10	10.775	1267	1273	1286	rBV	484280	844871	28.84%	3.237%
11	11.157	1331	1338	1352	rVB	495189	845134	28.85%	3.238%
12	12.451	1552	1558	1569	rVB	47364	77035	2.63%	0.295%
13	14.345	1874	1880	1884	rBV	975928	1336561	45.62%	5.120%
14	14.386	1884	1887	1896	rVB	117976	164602	5.62%	0.631%
15	14.645	1924	1931	1941	rBV	1034452	1510159	51.55%	5.785%
16	14.945	1975	1982	1991	rBV2	751588	1117562	38.15%	4.281%
17	15.157	2013	2018	2029	rBV	38061	86683	2.96%	0.332%
18	15.927	2143	2149	2156	rBV	1386236	1949871	66.56%	7.470%
19	16.057	2165	2171	2183	rBV	421245	587990	20.07%	2.252%
20	16.280	2203	2209	2218	rBV	239700	327538	11.18%	1.255%
21	17.668	2439	2445	2453	rBV	1020070	1374347	46.91%	5.265%
22	17.768	2455	2462	2471	rBV	1490092	2104412	71.83%	8.062%
23	18.503	2581	2587	2598	rBV	251909	359350	12.27%	1.377%
24	19.750	2795	2799	2811	rBV	203707	315194	10.76%	1.207%
25	20.021	2839	2845	2855	rBV	1891433	2557944	87.32%	9.799%
26	21.433	3082	3085	3091	rBV	125903	155332	5.30%	0.595%
27	21.774	3138	3143	3149	rBV	1431067	1828361	62.41%	7.004%
28	24.032	3520	3527	3542	rVB	1516571	2929527	100.00%	11.222%
29	24.185	3546	3553	3562	rVB	979973	1931914	65.95%	7.401%

Sum of corrected areas: 26104322

LSC Report - Integrated Chromatogram

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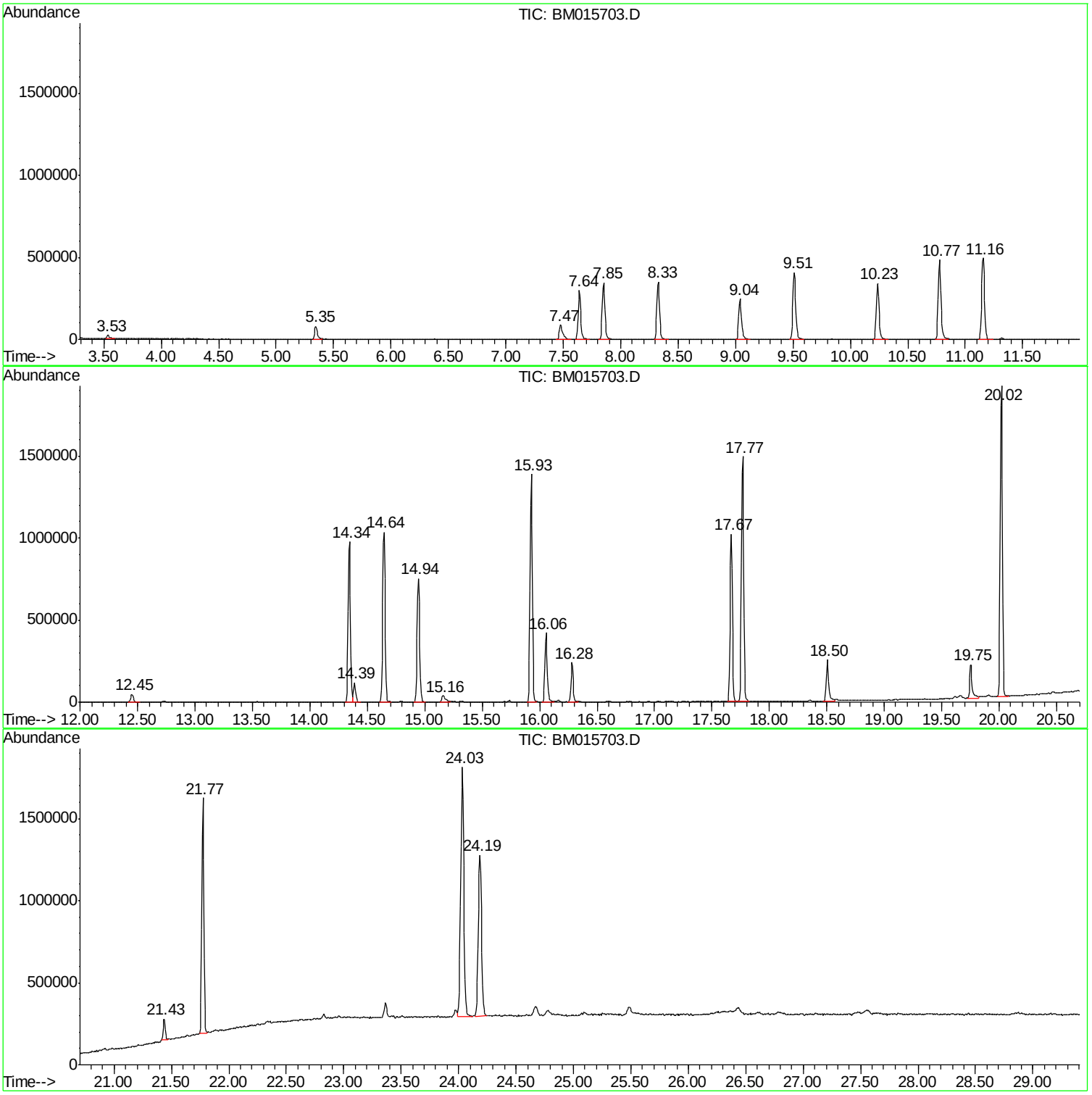
Instrument : BNA_M
ClientSampleId : DAXQ0

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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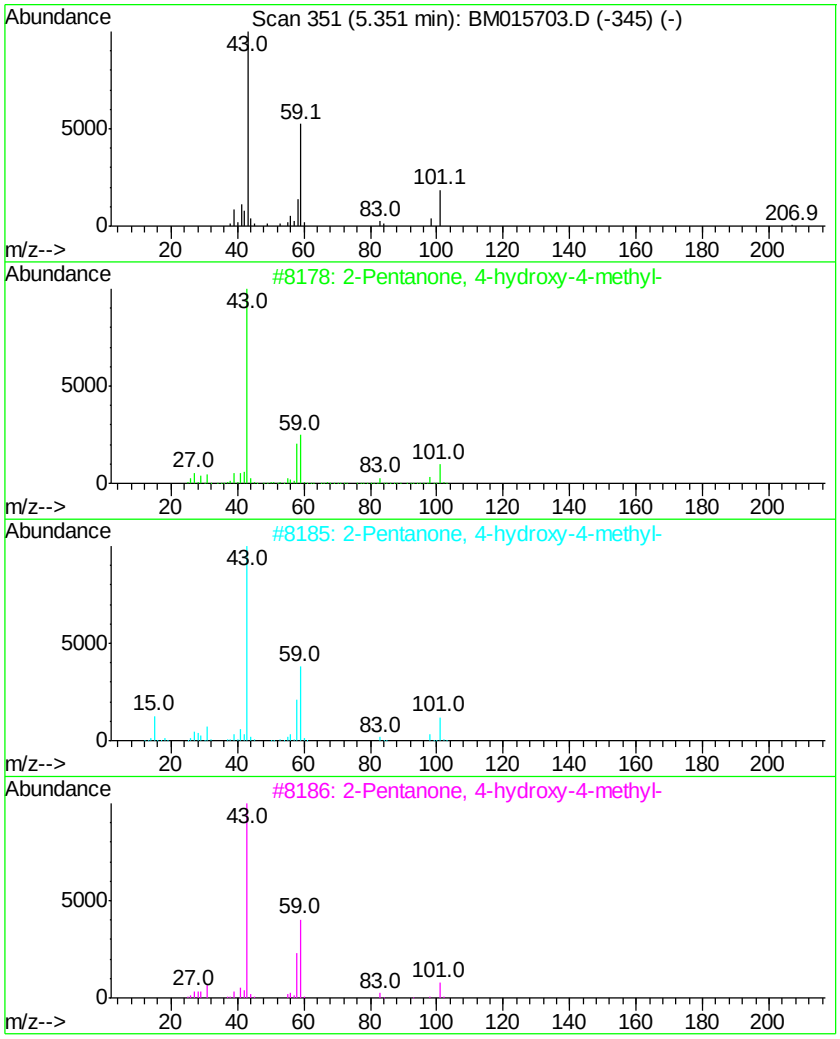
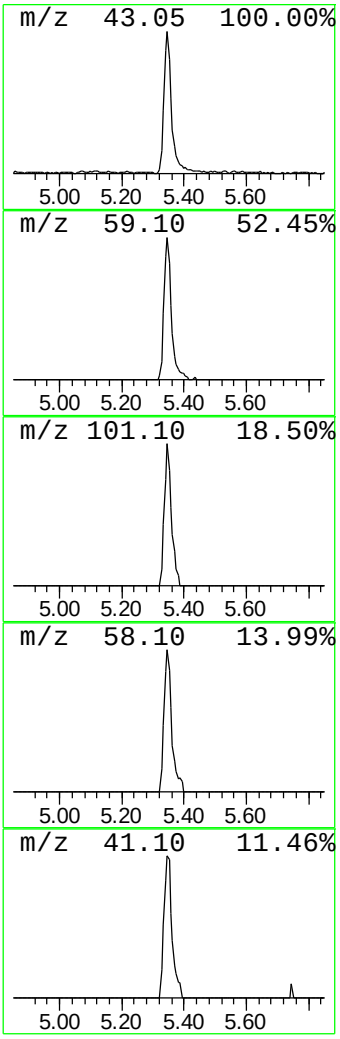
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	4.46 ng/ul	131230	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	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ0

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

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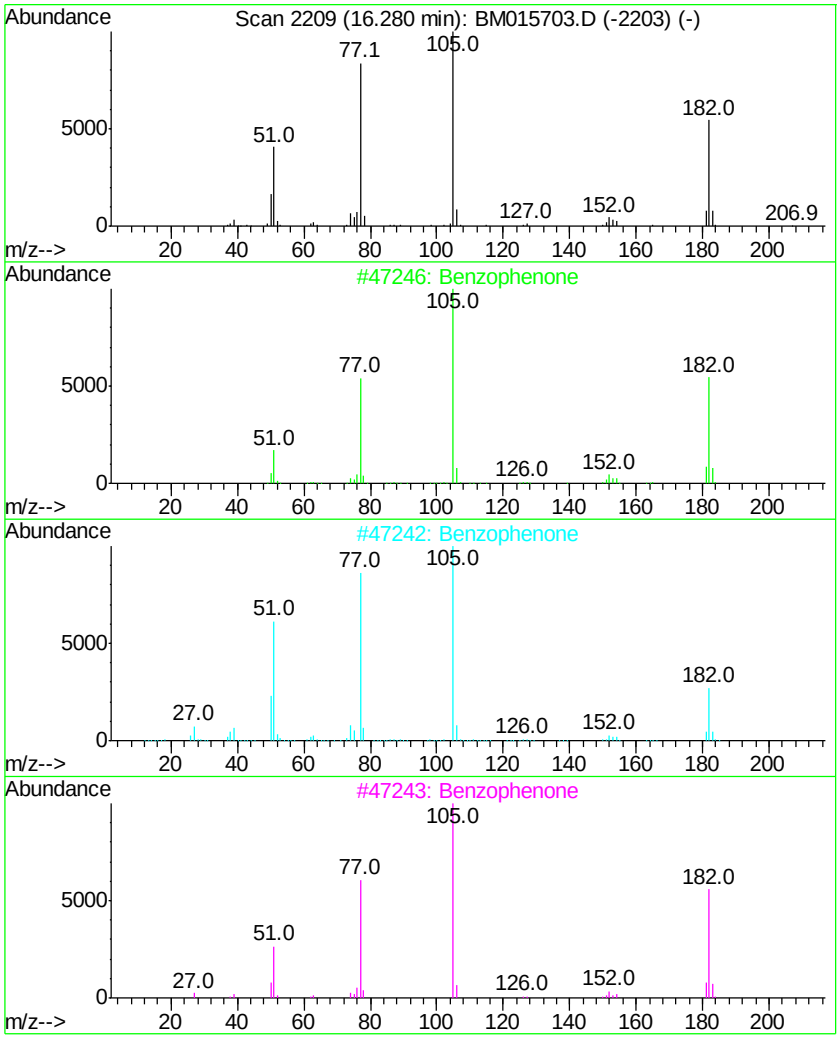
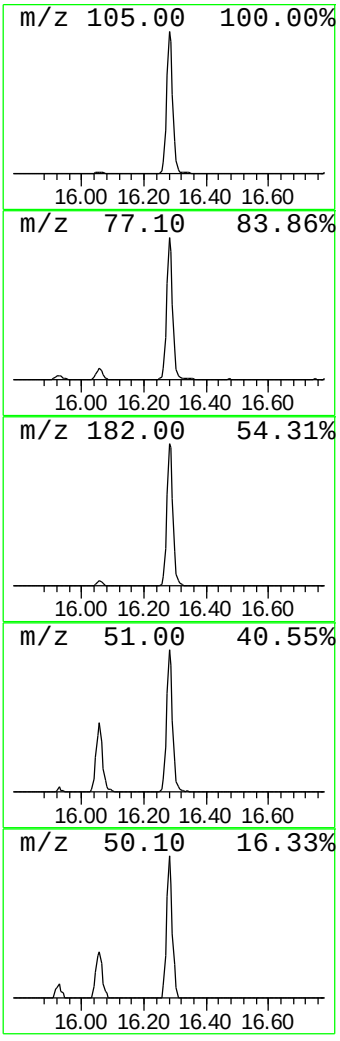
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	5.86 ng/ul	327538	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 : DAXQ0

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TIC Library : C:\Database\NIST11.L
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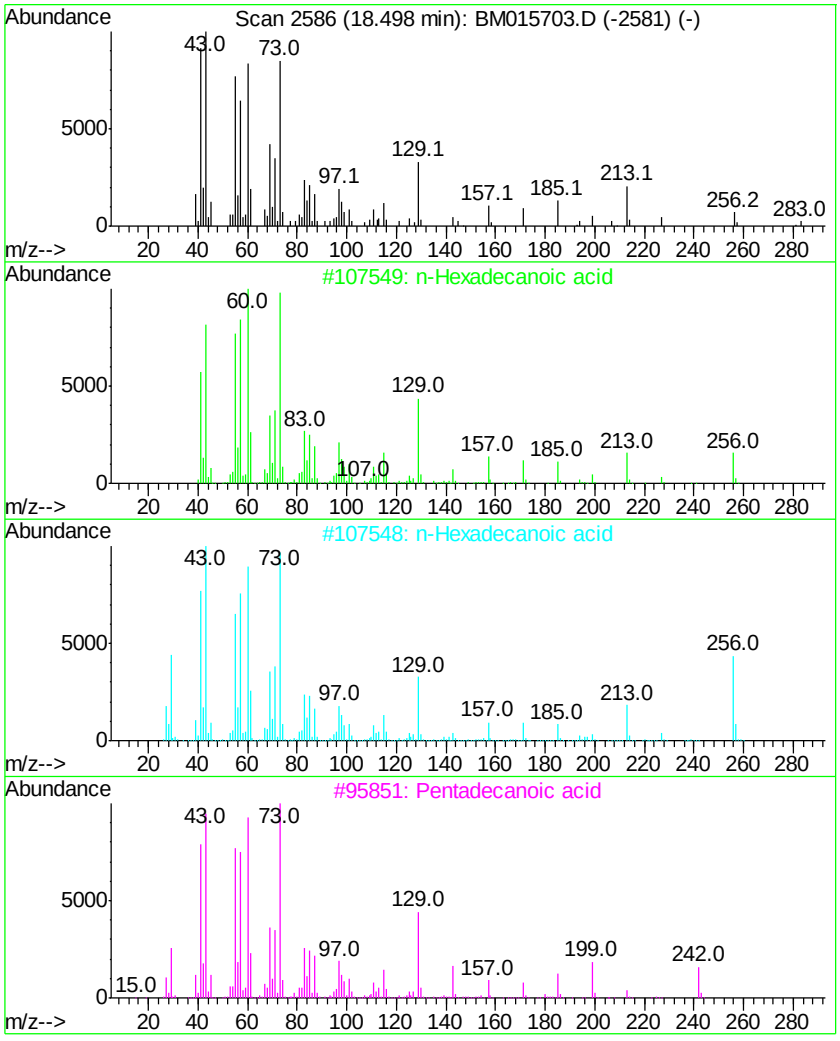
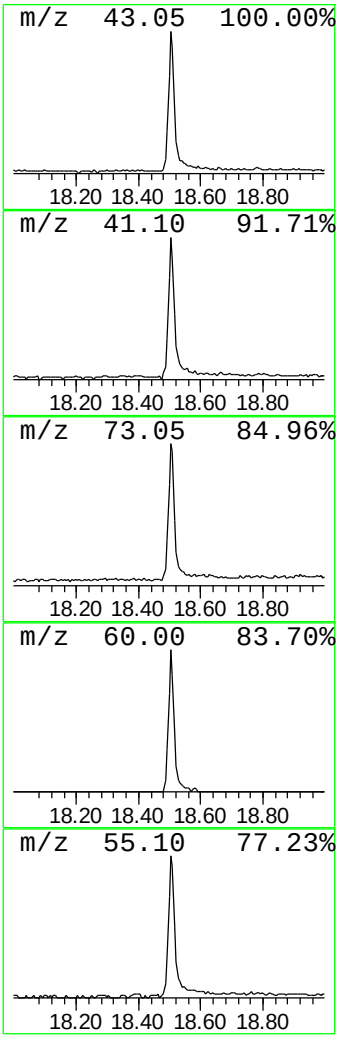
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.23 ng/ul	359350	Phenanthrene-d10	17.67

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Instrument : BNA_M
ClientSampleId : DAXQ0

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Quant Title : SVOA CALIBRATION

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

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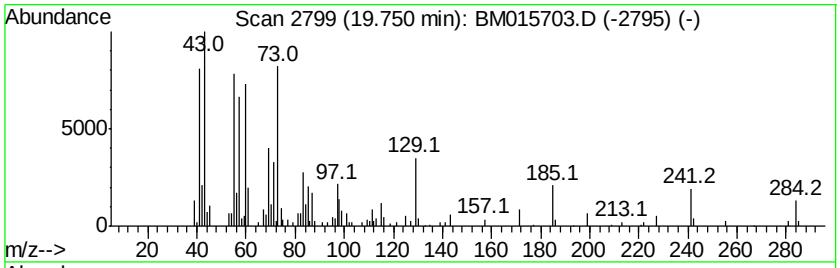
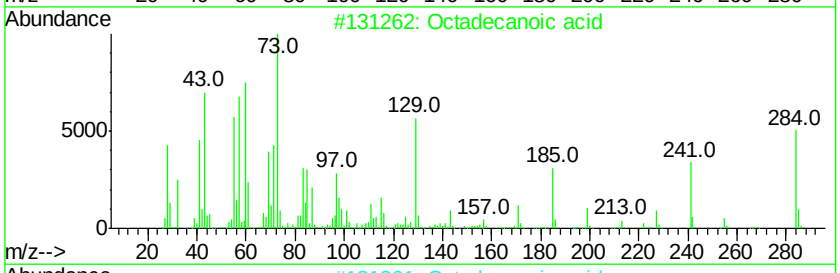
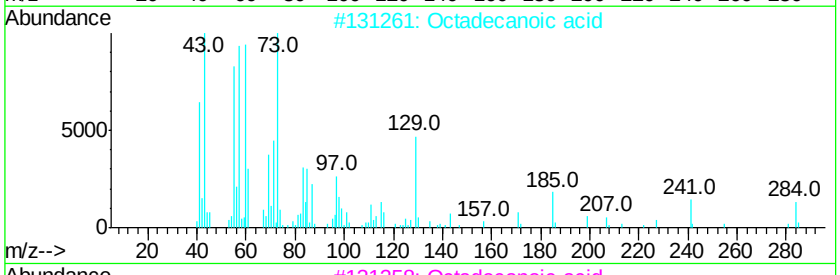
Peak Number 4 Octadecanoic acid Concentration Rank 4

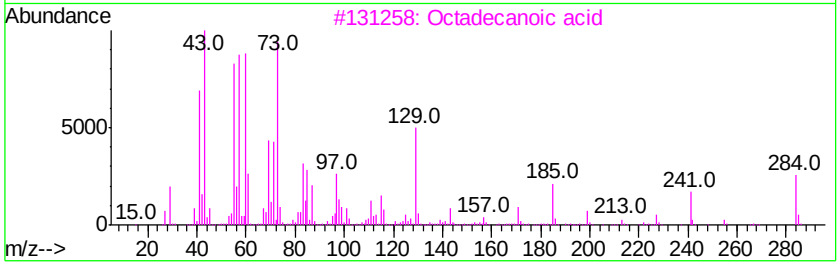
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.45 ng/ul	315194	Chrysene-d12	21.77

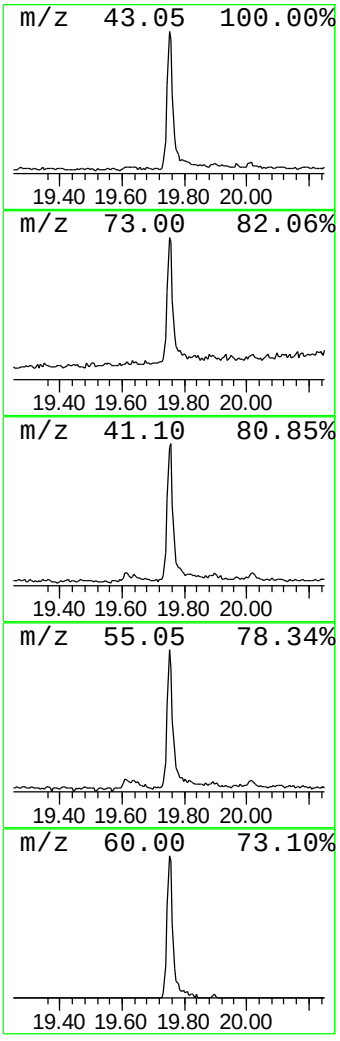
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	92











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
2-Pentanone, 4-hy...	5.35	4.5	ng/ul	131230	1	8.33	588790	20.0
Benzophenone	16.28	5.9	ng/ul	327538	3	14.94	1117560	20.0
n-Hexadecanoic acid	18.50	5.2	ng/ul	359350	4	17.67	1374350	20.0
Octadecanoic acid	19.75	3.5	ng/ul	315194	5	21.77	1828360	20.0