LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061818\
Data File : BM015705.D
Acq On : 18 Jun 2018 23:04
Operator : SJ/JU
Sample : J3527-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ1

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	36	43	53	rBV	17045	32002	1.75%	0.312%
2	5.081	301	305	317	rVB2	19317	34173	1.87%	0.333%
3	7.510	710	718	729	rBV4	13154	38106	2.08%	0.372%
4	7.646	736	741	750	rVB	12657	23918	1.31%	0.233%
5	7.857	772	777	785	rBV2	17309	31188	1.71%	0.304%
6	8.322	850	856	867	rBV	358835	620722	33.94%	6.056%
7	9.051	976	980	987	rBV3	10707	20737	1.13%	0.202%
8	9.522	1054	1060	1071	rBV	13709	27161	1.49%	0.265%
9	10.793	1271	1276	1286	rBV2	13242	25109	1.37%	0.245%
10	11.151	1331	1337	1347	rBV	505026	870572	47.61%	8.494%
11	12.451	1552	1558	1568	rVB	57652	98004	5.36%	0.956%
12	14.345	1874	1880	1883	rBV	45541	63356	3.46%	0.618%
13	14.386	1883	1887	1897	rVB	228956	321272	17.57%	3.134%
14	14.645	1926	1931	1938	rVB	37339	50098	2.74%	0.489%
15	14.945	1975	1982	1995	rVB2	754815	1148409	62.80%	11.204%
16	15.927	2141	2149	2157	rVB	62903	90127	4.93%	0.879%
17	16.280	2202	2209	2217	rBV	322025	424302	23.20%	4.140%
18	17.669	2439	2445	2455	rVB	1007446	1426315	78.00%	13.916%
19	17.769	2458	2462	2471	rVB2	59215	92350	5.05%	0.901%
20	18.504	2581	2587	2600	rBV	305195	421213	23.03%	4.110%
21	19.615	2772	2776	2778	rBV3	20366	23950	1.31%	0.234%
22	19.751	2795	2799	2810	rBV	229210	319488	17.47%	3.117%
23	20.021	2840	2845	2852	rBV	93524	136656	7.47%	1.333%
24	21.433	3081	3085	3094	rBV	200555	269876	14.76%	2.633%
25	21.774	3138	3143	3148	rBV	1423676	1811821	99.08%	17.677%
26	24.186	3546	3553	3562	rVB2	883047	1828696	100.00%	17.842%

Sum of corrected areas: 10249621

LSC Report - Integrated Chromatogram

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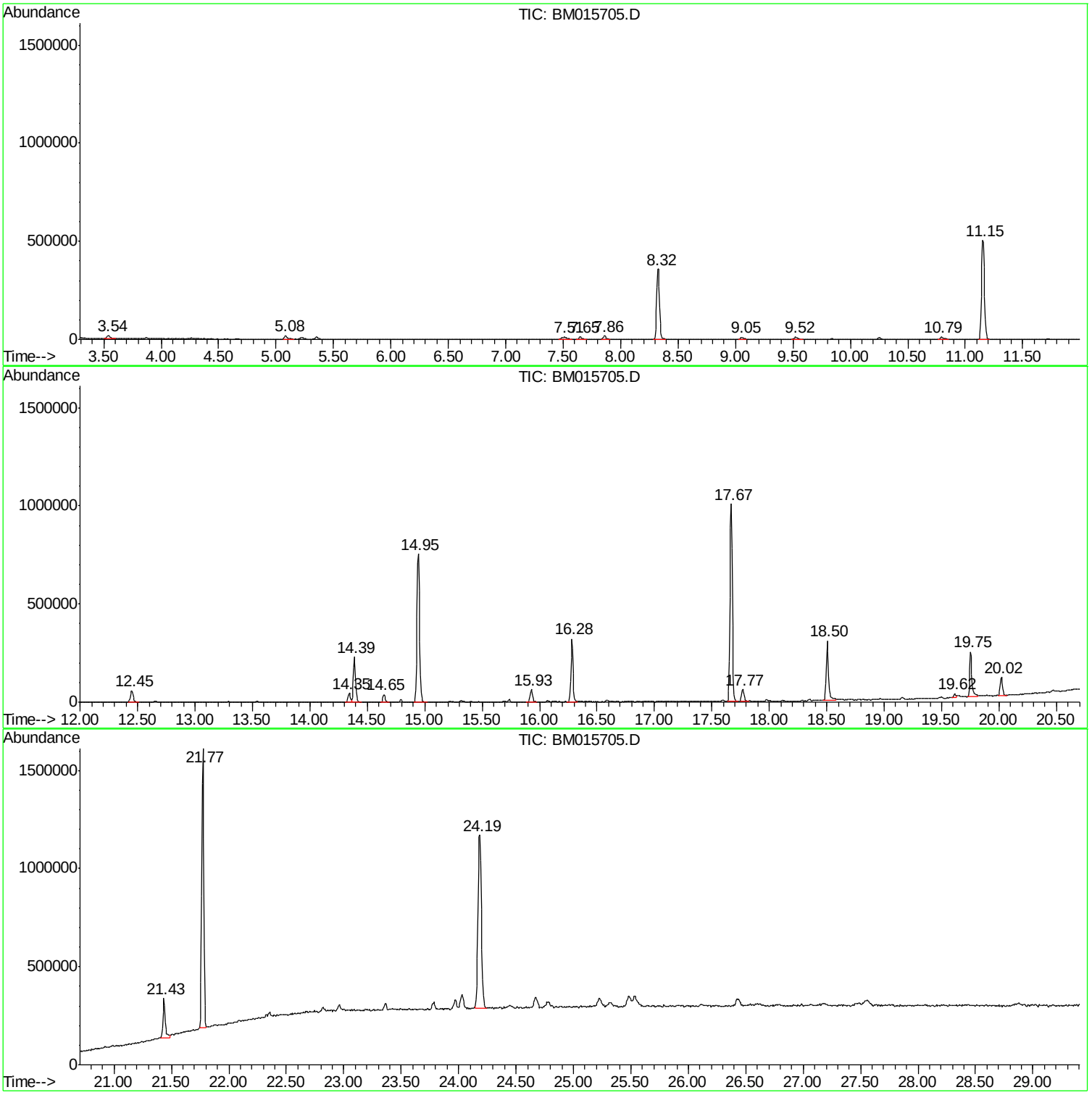
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ1

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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Instrument : BNA_M
ClientSampleId : DAXQ1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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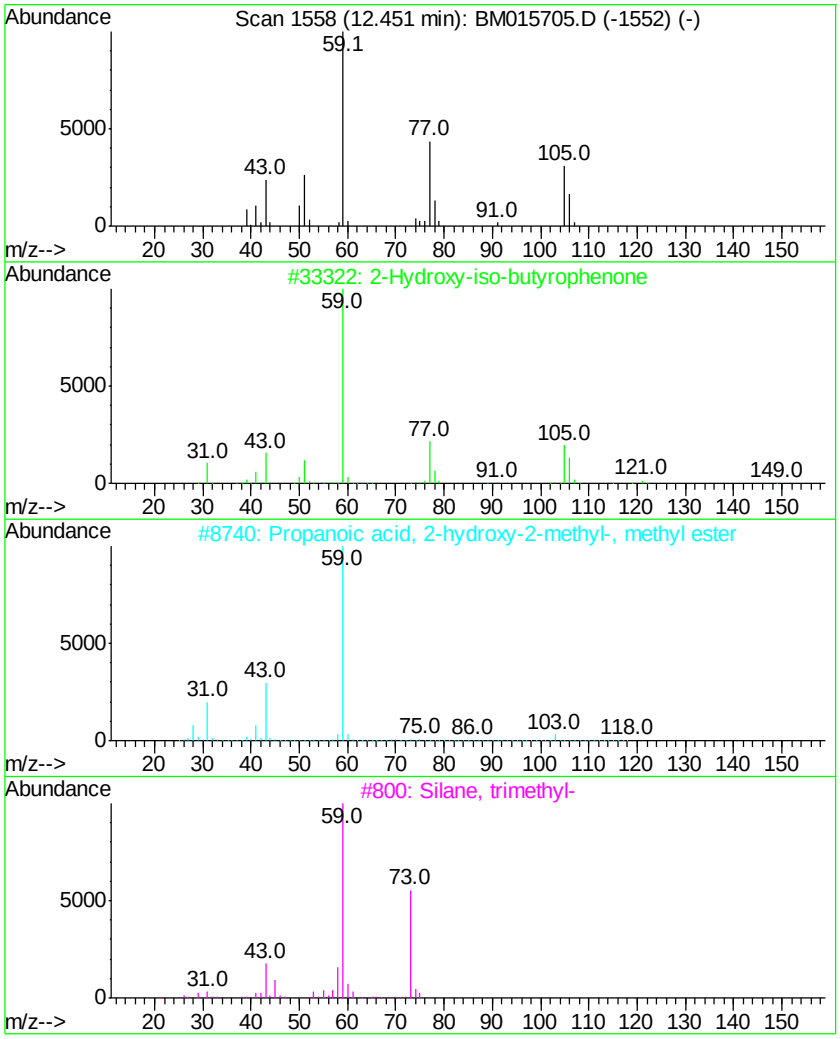
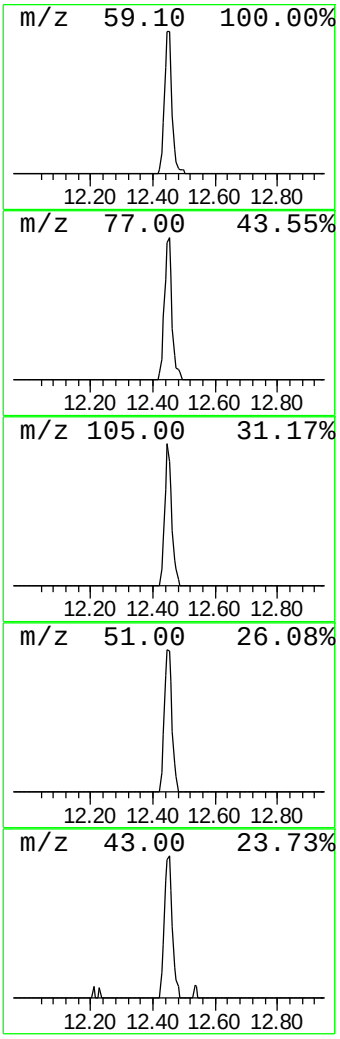
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.25 ng/ul	98004	Naphthalene-d8	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	45
2	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
4	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
5	Guanidine	59	CH5N3	000113-00-8	5





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ1

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

TIC Library : C:\Database\NIST11.L
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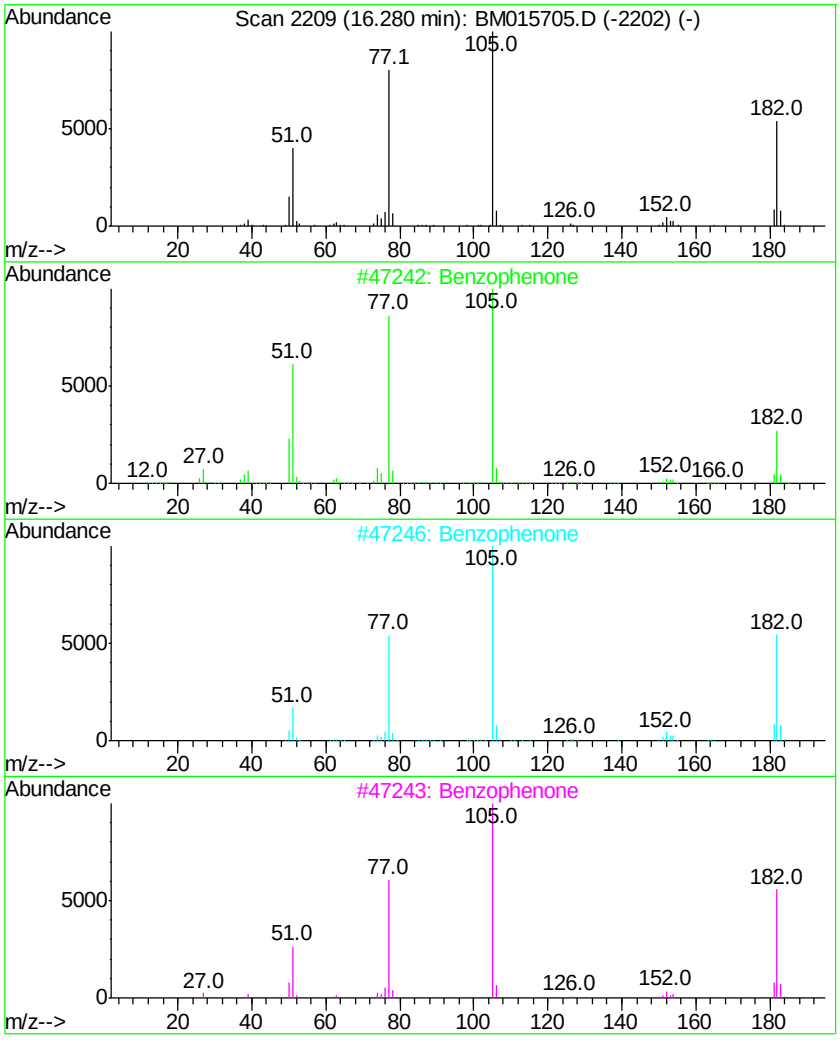
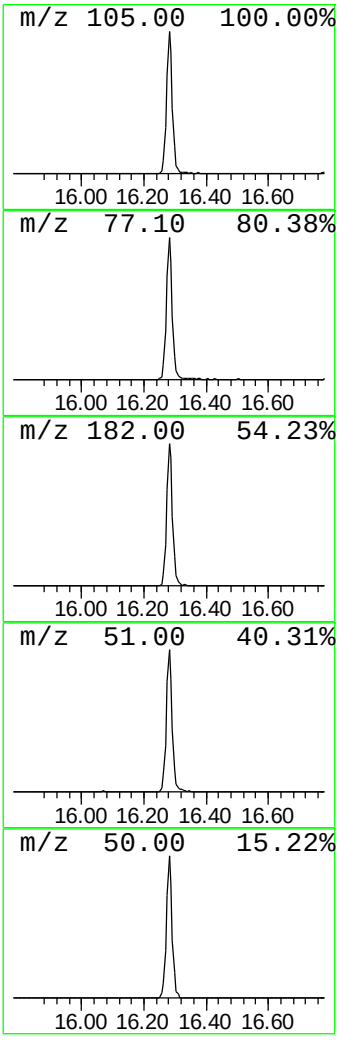
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	7.39 ng/ul	424302	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	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ1

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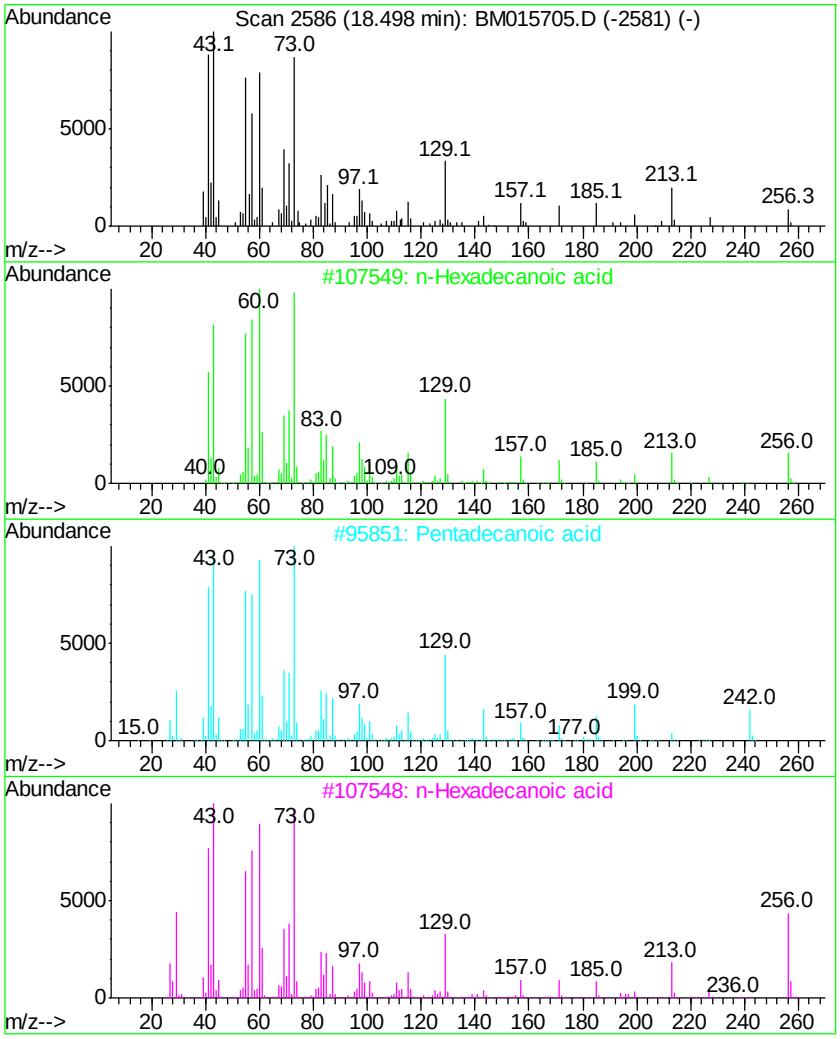
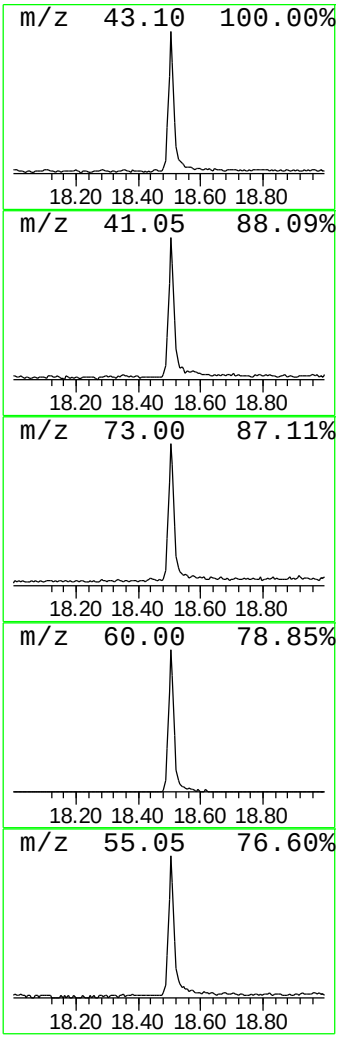
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.91 ng/ul	421213	Phenanthrene-d10	17.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ1

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Quant Title : SVOA CALIBRATION

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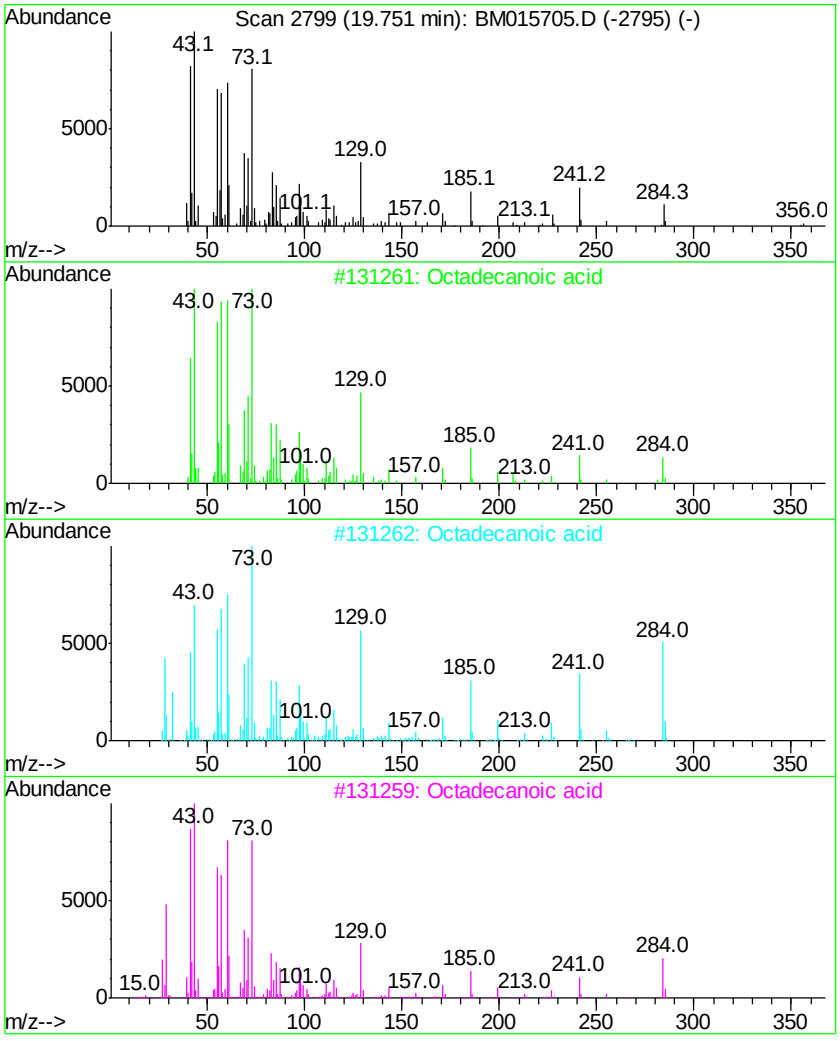
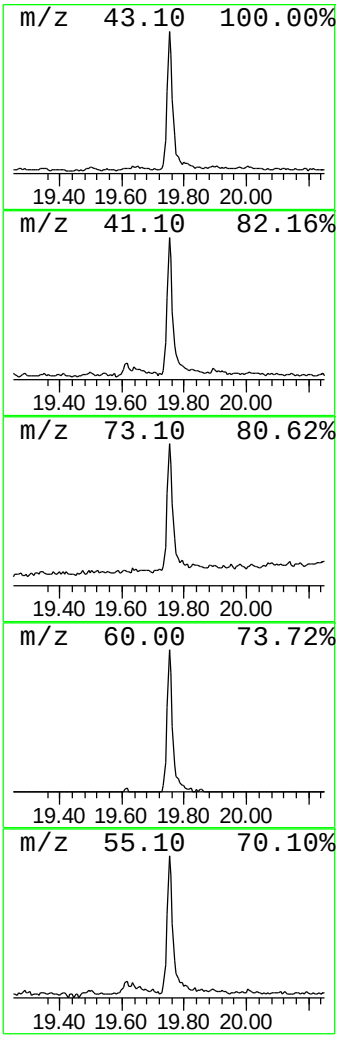
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.53 ng/ul	319488	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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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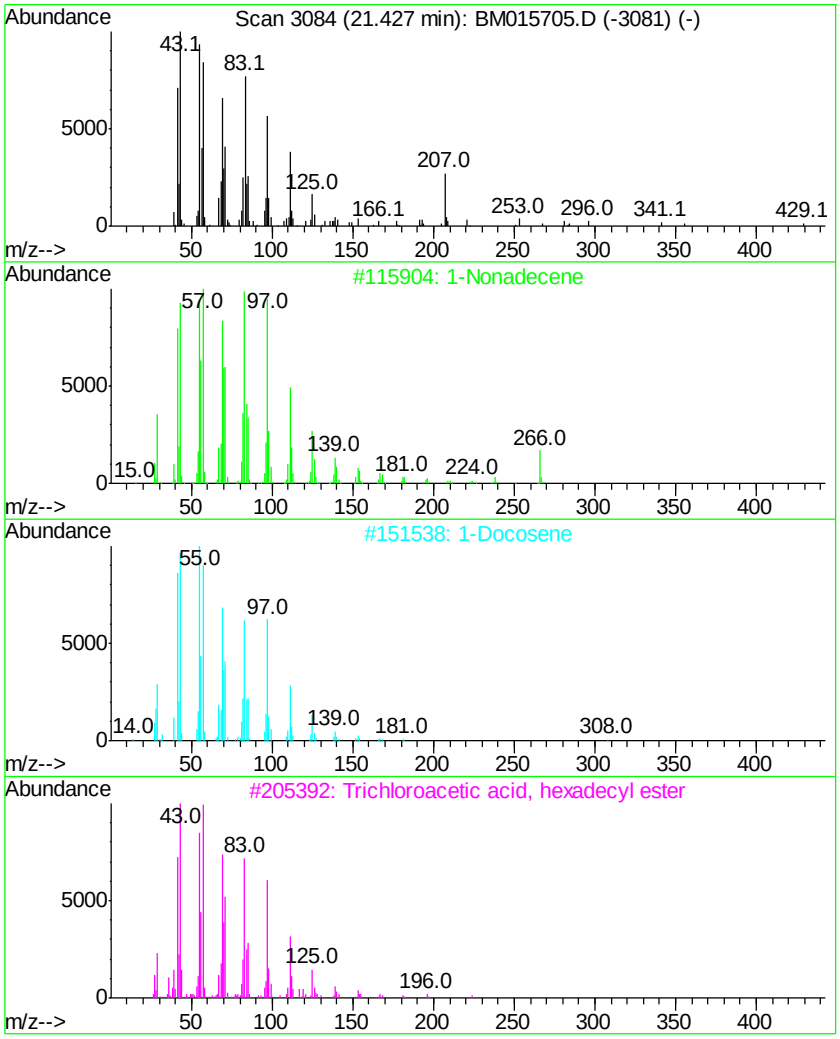
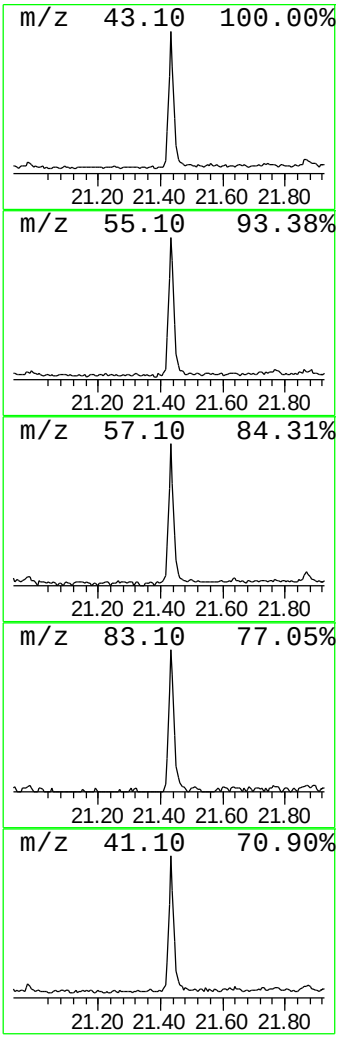
Peak Number 5 (DEL) Alkane: Cyclic21.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.98 ng/ul	269876	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Docosene	308	C22H44	001599-67-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93





Tentatively Identified Compound (LSC) summary

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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
unknown-01	12.45	2.3	ng/ul	98004	2	11.15	870572	20.0
Benzophenone	16.28	7.4	ng/ul	424302	3	14.95	1148410	20.0
n-Hexadecanoic acid	18.50	5.9	ng/ul	421213	4	17.67	1426320	20.0
Octadecanoic acid	19.75	3.5	ng/ul	319488	5	21.77	1811820	20.0
(DEL) Alkane: Cyc...	21.43	3.0	ng/ul	269876	5	21.77	1811820	20.0