LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080118\
Data File : BM016148.D
Acq On : 01 Aug 2018 20:37
Operator : SJ/JU
Sample : J4171-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K3

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-BM071318MA.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	3.458	25	29	36	rBV2	10507	15961	1.19%	0.099%
2	7.351	686	691	710	rBV	226417	418059	31.20%	2.600%
3	7.516	714	719	731	rBV	173970	279638	20.87%	1.739%
4	7.722	748	754	767	rBV	245590	427611	31.91%	2.659%
5	8.192	829	834	841	rBV	244081	407639	30.42%	2.535%
6	8.240	841	842	849	rVB3	10429	15457	1.15%	0.096%
7	8.910	951	956	974	rBV	277923	490478	36.60%	3.050%
8	9.381	1030	1036	1052	rBV	254270	433899	32.38%	2.698%
9	10.104	1153	1159	1173	rBV	231575	408500	30.48%	2.540%
10	10.639	1245	1250	1263	rBV	296880	542059	40.45%	3.371%
11	11.010	1307	1313	1323	rBV	344201	593587	44.30%	3.691%
12	11.163	1333	1339	1352	rBV	270121	497301	37.11%	3.092%
13	14.227	1854	1860	1865	rBV	635659	834432	62.27%	5.189%
14	14.274	1865	1868	1876	rVB	54257	73672	5.50%	0.458%
15	14.521	1903	1910	1918	rBV	654990	921208	68.75%	5.728%
16	14.821	1954	1961	1970	rBB2	509218	754658	56.32%	4.693%
17	15.039	1993	1998	2024	rBV	156622	350633	26.17%	2.180%
18	15.810	2123	2129	2141	rVB	840626	1144832	85.43%	7.119%
19	15.945	2147	2152	2165	rBV	242549	356540	26.61%	2.217%
20	17.551	2419	2425	2432	rBV	616959	879520	65.64%	5.469%
21	17.651	2436	2442	2454	rVV	885979	1199648	89.53%	7.460%
22	18.398	2564	2569	2578	rBV	149003	201962	15.07%	1.256%
23	19.651	2778	2782	2792	rBV	91022	130058	9.71%	0.809%
24	19.915	2821	2827	2837	rBV	1030770	1340012	100.00%	8.333%
25	20.392	2905	2908	2913	rVB6	10255	14492	1.08%	0.090%
26	20.880	2989	2991	2996	rBV5	16180	16729	1.25%	0.104%
27	21.350	3066	3071	3084	rBV4	79499	192385	14.36%	1.196%
28	21.674	3121	3126	3135	rBV	767474	1001416	74.73%	6.227%
29	21.774	3140	3143	3147	rVB3	30675	36039	2.69%	0.224%
30	22.039	3184	3188	3194	rBV3	54005	84274	6.29%	0.524%
31	22.221	3216	3219	3224	rVB3	32478	39391	2.94%	0.245%
32	22.839	3320	3324	3329	rVB	74973	100267	7.48%	0.623%
33	23.227	3387	3390	3395	rVB2	49252	64772	4.83%	0.403%
34	23.821	3487	3491	3494	rBV2	46899	69043	5.15%	0.429%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K3

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-BM071318MA.M
Title : SVOA CALIBRATION

35	23.880	3495	3501	3510	rVB	544237	1023713	76.40%	6.366%
36	24.027	3520	3526	3535	rVB2	371332	721710	53.86%	4.488%

Sum of corrected areas: 16081595

LSC Report - Integrated Chromatogram

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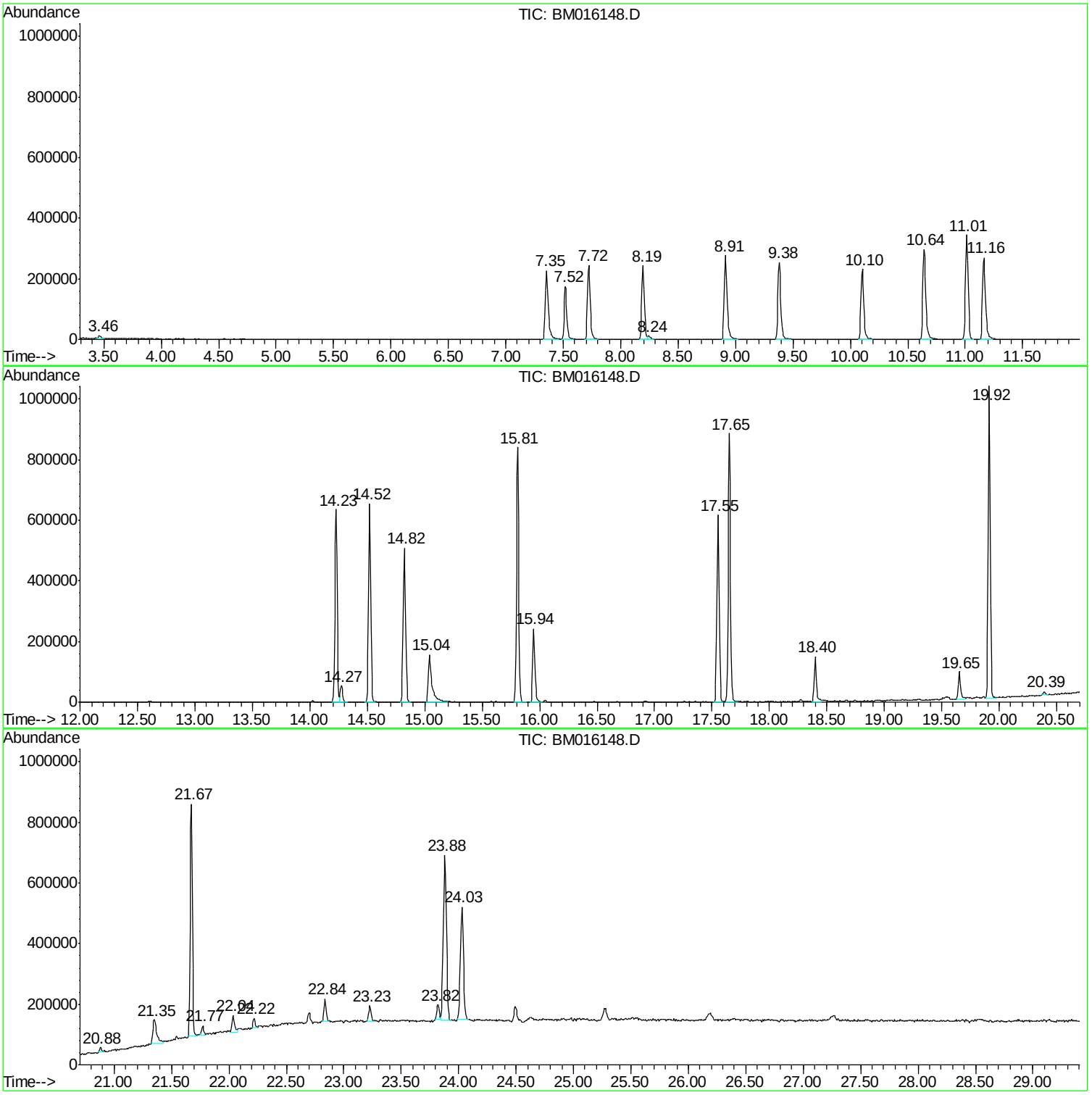
Sample : J4171-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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\BM080118\
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Quant Title : SVOA CALIBRATION

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

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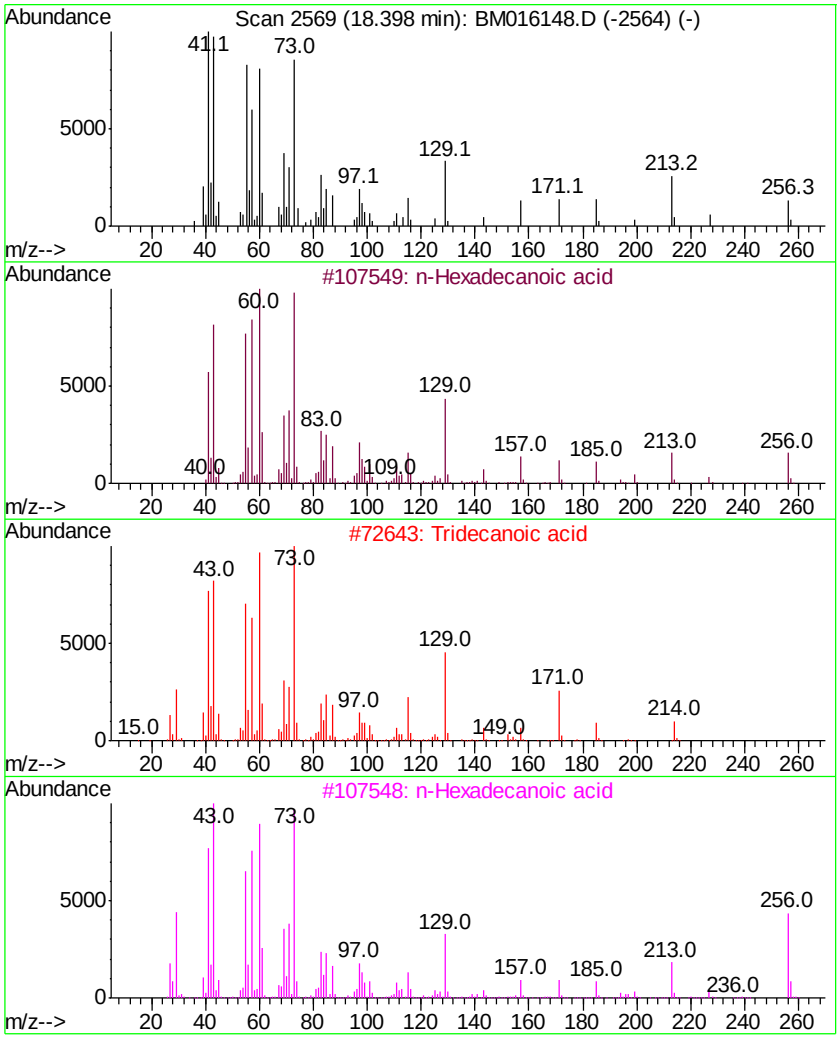
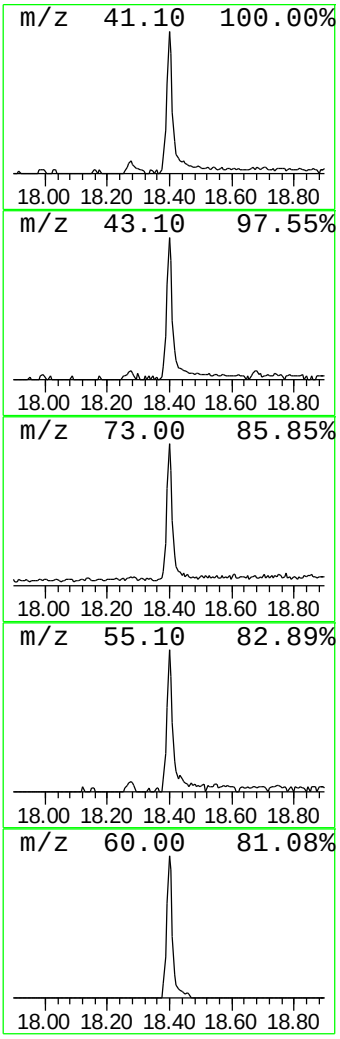
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.59 ng/ul	201962	Phenanthrene-d10	17.55

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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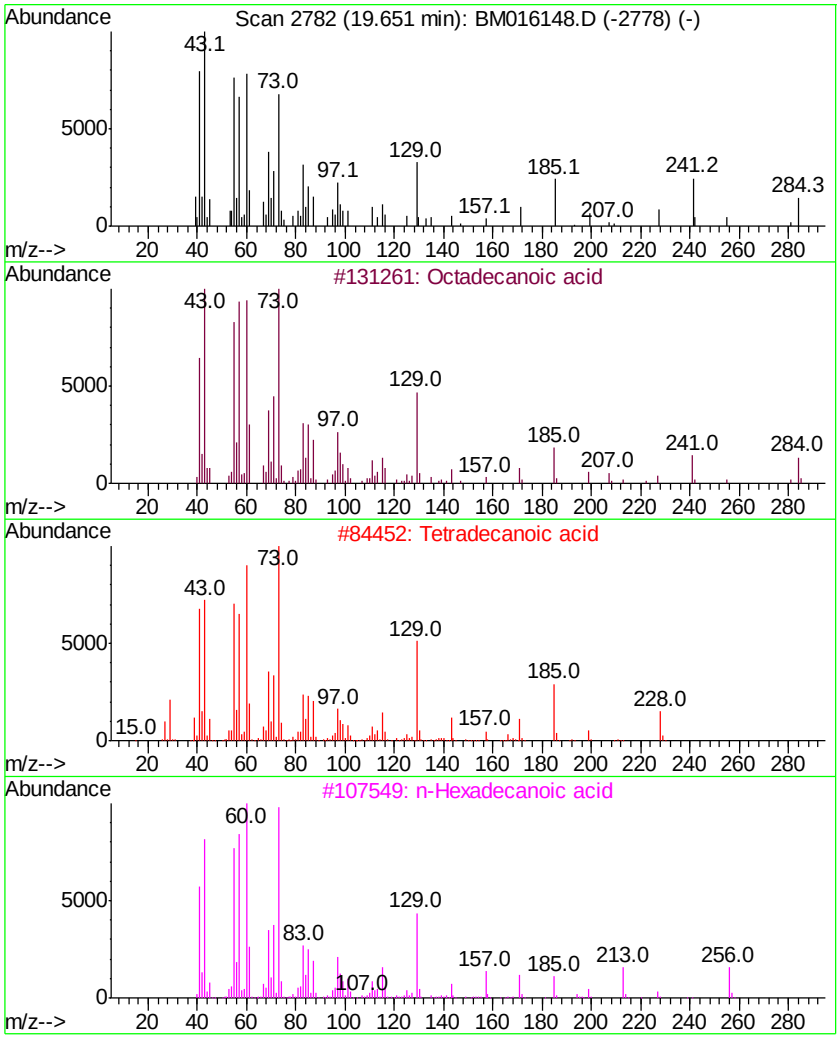
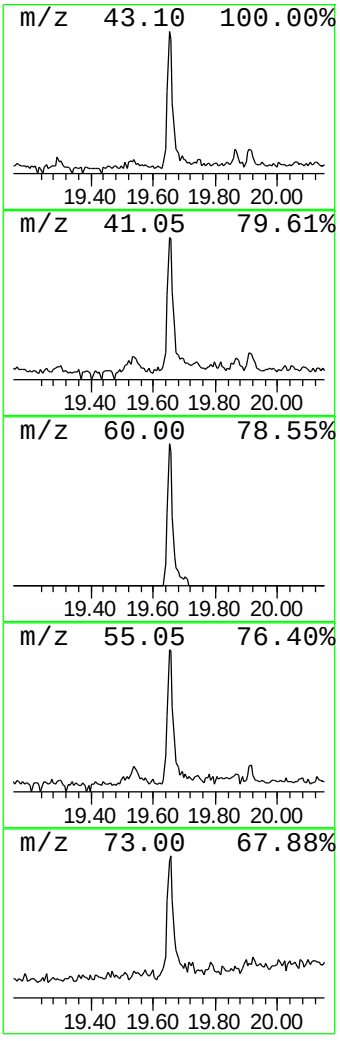
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.60 ng/ul	130058	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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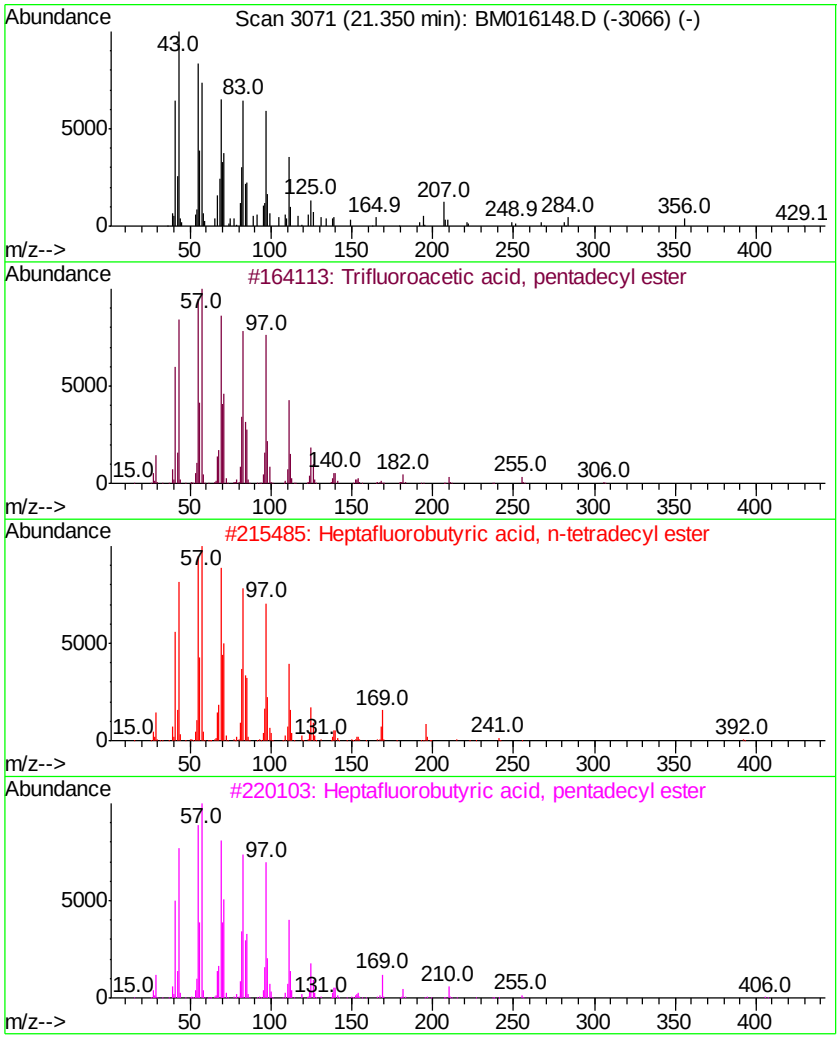
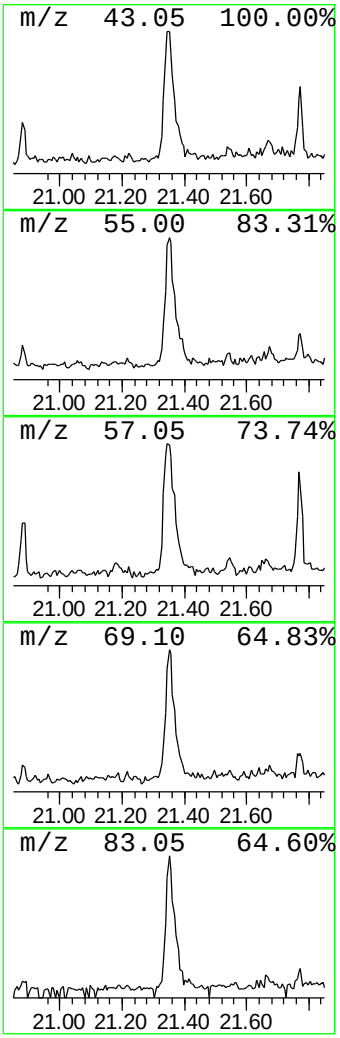
Peak Number 3 Trifluoroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.84 ng/ul	192385	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	93





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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

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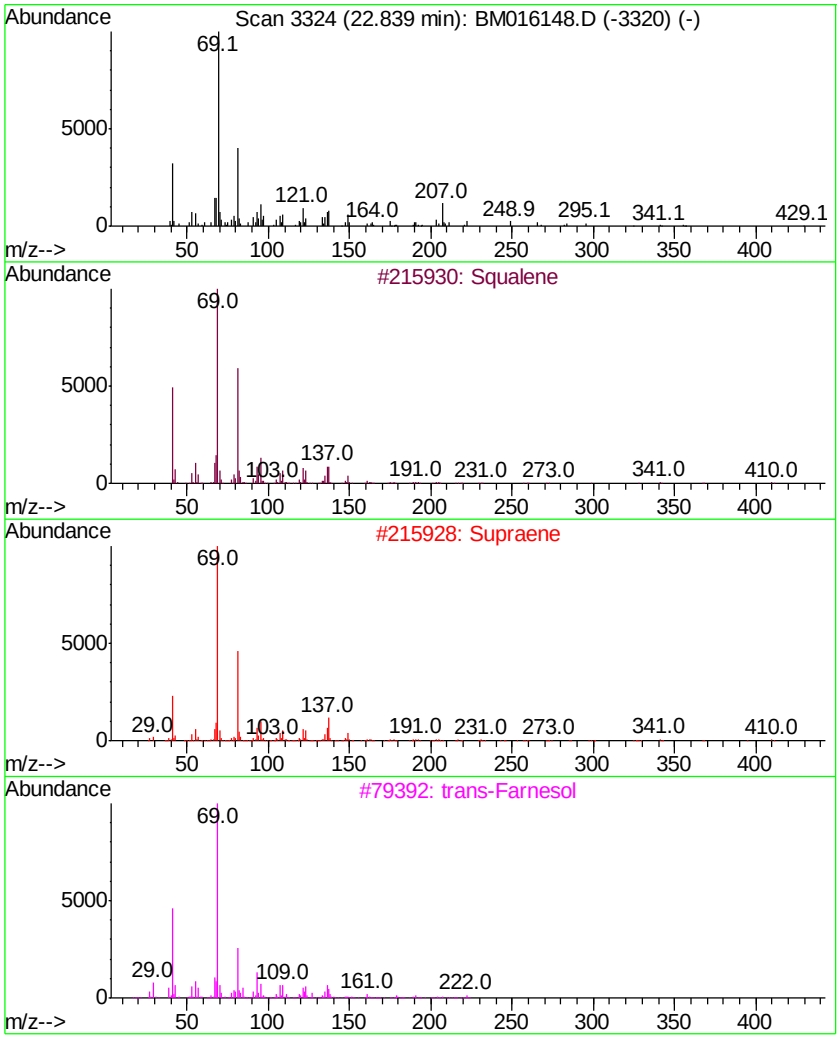
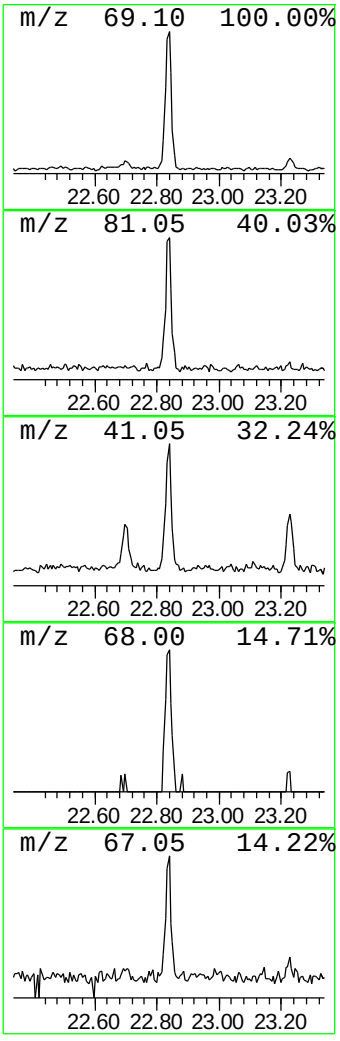
Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.00 ng/ul	100267	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	74
2	Supraene	410	C30H50	007683-64-9	72
3	trans-Farnesol	222	C15H26O	000106-28-5	72
4	Squalene	410	C30H50	000111-02-4	64
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	64





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : JJ1K3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
n-Hexadecanoic acid	18.40	4.6	ng/ul	201962	4	17.55	879520	20.0
Octadecanoic acid	19.65	2.6	ng/ul	130058	5	21.67	1001420	20.0
Trifluoroacetic a...	21.35	3.8	ng/ul	192385	5	21.67	1001420	20.0
Squalene	22.84	2.0	ng/ul	100267	5	21.67	1001420	20.0