LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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	3.452	24	28	33	rVB	15731	19798	1.70%	0.121%
2	4.022	120	125	132	rVB	11633	19847	1.71%	0.122%
3	4.128	137	143	147	rVB	15142	24167	2.08%	0.148%
4	7.351	685	691	711	rBB	272927	496656	42.71%	3.045%
5	7.510	711	718	728	rBV	205274	329697	28.35%	2.021%
6	7.716	747	753	767	rBV	310998	521574	44.85%	3.197%
7	8.187	827	833	839	rBV	275227	442372	38.04%	2.712%
8	8.234	839	841	847	rVB	11141	16193	1.39%	0.099%
9	8.904	950	955	970	rBV	287675	515500	44.33%	3.160%
10	9.375	1027	1035	1048	rBV	293196	501851	43.16%	3.076%
11	9.898	1121	1124	1133	rVB3	5856	11965	1.03%	0.073%
12	10.092	1150	1157	1165	rBV	261282	461633	39.70%	2.830%
13	10.157	1166	1168	1172	rVB3	10524	13301	1.14%	0.082%
14	10.634	1243	1249	1264	rBV	337418	629299	54.12%	3.858%
15	11.004	1303	1312	1319	rBV	345886	609531	52.42%	3.736%
16	11.110	1326	1330	1333	rBV2	18248	27840	2.39%	0.171%
17	11.157	1333	1338	1350	rVB	235846	426835	36.71%	2.617%
18	11.457	1384	1389	1395	rVB2	44700	69901	6.01%	0.428%
19	11.651	1415	1422	1423	rBV5	10423	19406	1.67%	0.119%
20	11.798	1441	1447	1450	rBV4	6719	12245	1.05%	0.075%
21	11.857	1451	1457	1468	rVB10	10452	38193	3.28%	0.234%
22	11.975	1470	1477	1481	rBV	44596	69524	5.98%	0.426%
23	12.022	1481	1485	1489	rBV6	12164	18768	1.61%	0.115%
24	12.163	1503	1509	1516	rVB5	15721	28784	2.48%	0.176%
25	12.239	1516	1522	1529	rBV2	40805	69112	5.94%	0.424%
26	12.304	1529	1533	1540	rBV4	7798	12012	1.03%	0.074%
27	12.586	1577	1581	1587	rVB6	17675	32438	2.79%	0.199%
28	12.822	1618	1621	1625	rVB6	11324	15038	1.29%	0.092%
29	13.004	1646	1652	1657	rBV6	11680	23718	2.04%	0.145%
30	13.163	1673	1679	1684	rBV8	7010	13693	1.18%	0.084%
31	13.245	1687	1693	1699	rBV7	11893	26308	2.26%	0.161%
32	13.310	1699	1704	1715	rVV2	93127	160031	13.76%	0.981%
33	13.598	1747	1753	1759	rBV4	32073	61348	5.28%	0.376%
34	13.692	1762	1769	1770	rBV6	8902	14061	1.21%	0.086%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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	14.222	1853	1859	1863	rBV	609925	832170	71.57%	5.101%
36	14.457	1896	1899	1903	rVB3	15492	18717	1.61%	0.115%
37	14.516	1903	1909	1922	rVB	594141	904529	77.79%	5.545%
38	14.622	1922	1927	1931	rBV5	12995	20110	1.73%	0.123%
39	14.674	1931	1936	1943	rVB7	13683	27765	2.39%	0.170%
40	14.751	1943	1949	1953	rBV7	10667	24007	2.06%	0.147%
41	14.816	1954	1960	1969	rVB2	438960	681990	58.65%	4.181%
42	14.998	1986	1991	1995	rBV5	15571	28195	2.42%	0.173%
43	15.045	1995	1999	2008	rBV	99678	218835	18.82%	1.341%
44	15.163	2016	2019	2021	rBV3	10771	14571	1.25%	0.089%
45	15.186	2021	2023	2028	rVV6	15551	27472	2.36%	0.168%
46	15.245	2030	2033	2036	rVV4	12867	17629	1.52%	0.108%
47	15.280	2036	2039	2047	rVB9	16763	29582	2.54%	0.181%
48	15.580	2083	2090	2095	rBV7	7641	20639	1.77%	0.127%
49	15.763	2116	2121	2123	rBV3	39516	49456	4.25%	0.303%
50	15.804	2123	2128	2138	rVB	775506	1087360	93.51%	6.666%
51	15.892	2140	2143	2148	rVB6	9715	13179	1.13%	0.081%
52	15.945	2148	2152	2157	rBV	161486	247456	21.28%	1.517%
53	16.016	2161	2164	2170	rVB4	31563	43081	3.70%	0.264%
54	16.357	2218	2222	2228	rBV4	15399	22543	1.94%	0.138%
55	16.492	2236	2245	2260	rBV	58263	113177	9.73%	0.694%
56	16.651	2267	2272	2274	rBV5	8015	12147	1.04%	0.074%
57	16.851	2302	2306	2307	rBV4	14684	19523	1.68%	0.120%
58	16.916	2312	2317	2320	rBV7	13277	22870	1.97%	0.140%
59	17.245	2369	2373	2377	rBV6	6338	11832	1.02%	0.073%
60	17.304	2378	2383	2388	rVV2	72520	101098	8.69%	0.620%
61	17.486	2409	2414	2418	rBV9	8908	15903	1.37%	0.097%
62	17.545	2419	2424	2430	rVV	467680	683008	58.74%	4.187%
63	17.645	2435	2441	2448	rBV	717372	1031242	88.69%	6.322%
64	17.904	2482	2485	2489	rBV4	16148	24287	2.09%	0.149%
65	17.986	2498	2499	2505	rVB6	12624	13573	1.17%	0.083%
66	18.121	2520	2522	2527	rBV6	12822	18686	1.61%	0.115%
67	18.398	2564	2569	2579	rBV	238706	343348	29.53%	2.105%
68	19.115	2689	2691	2696	rVB4	28959	39833	3.43%	0.244%
69	19.651	2778	2782	2790	rBV	153327	237901	20.46%	1.458%
70	19.909	2821	2826	2838	rBV	809815	1162811	100.00%	7.128%
71	20.392	2906	2908	2912	rBV4	40527	43047	3.70%	0.264%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : JJ1K1

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

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

72	21.668	3121	3125	3132	rVB	528674	689639	59.31%	4.228%
73	23.874	3495	3500	3509	rVB	532138	972631	83.64%	5.962%
74	24.027	3520	3526	3534	rVB2	341192	674485	58.00%	4.135%

Sum of corrected areas: 16312966

LSC Report - Integrated Chromatogram

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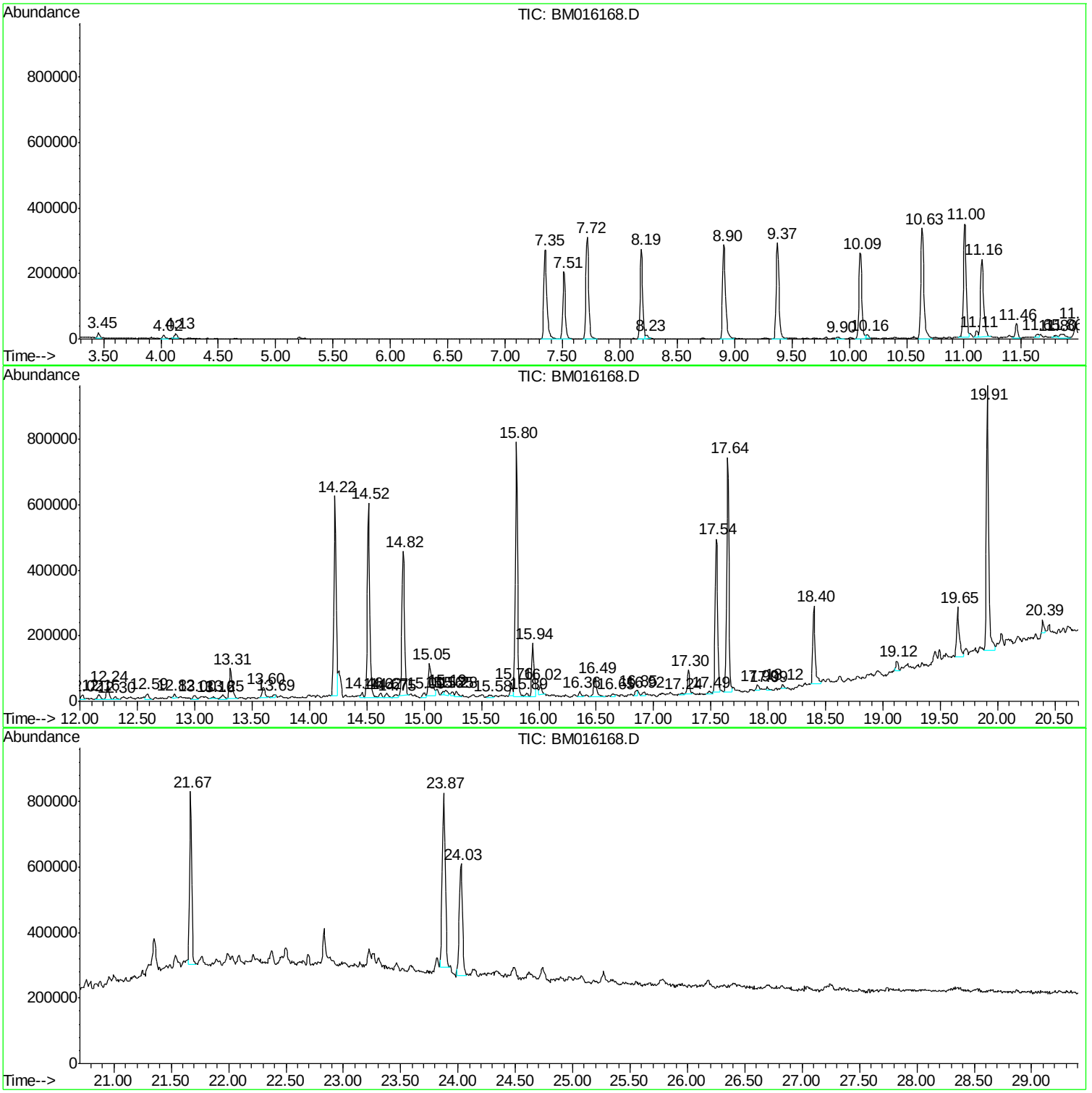
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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

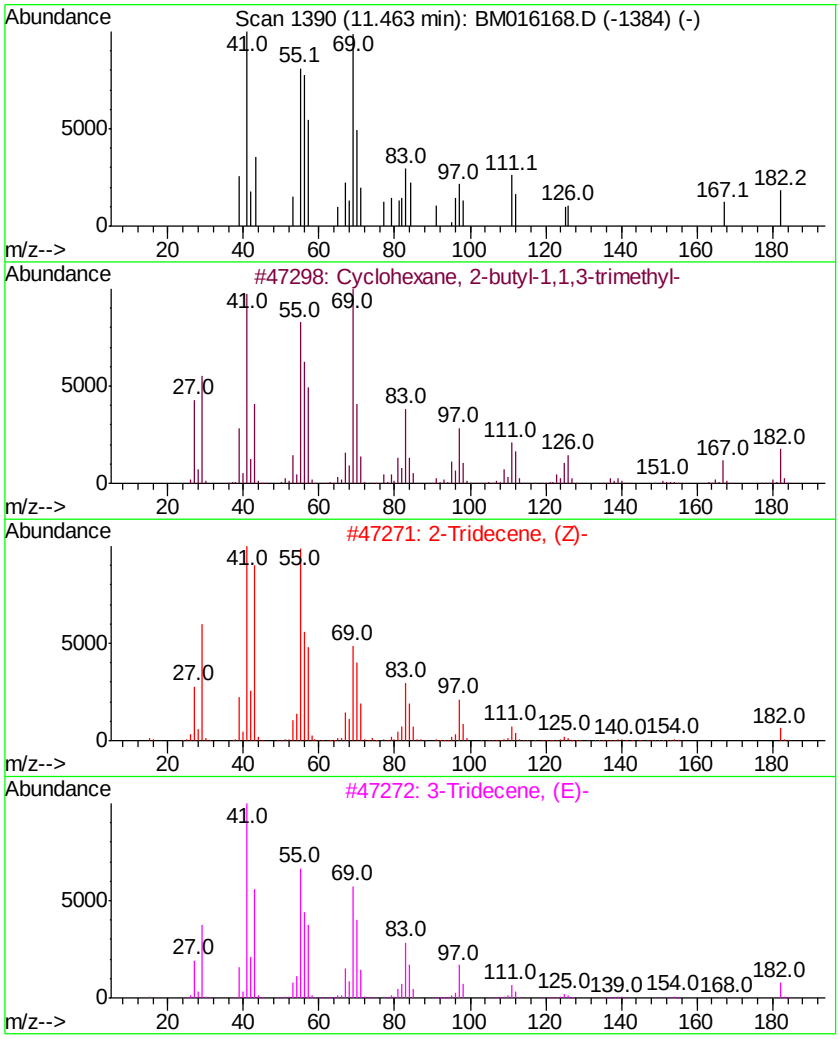
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

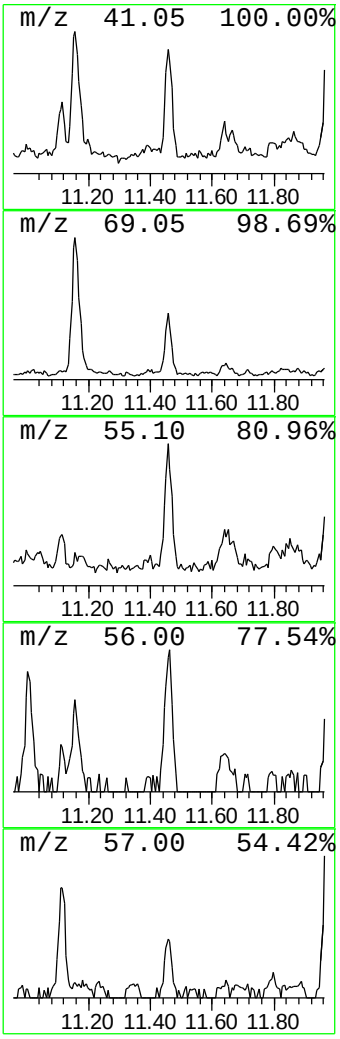
****

Peak Number 1 (DEL) Alkane: Cyclic11.46 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.29 ng/ul	69901	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	92
2	2-Tridecene, (Z)-	182	C13H26	041446-59-7	83
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	74
4	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	68
5	3-Tridecene, (Z)-	182	C13H26	041446-53-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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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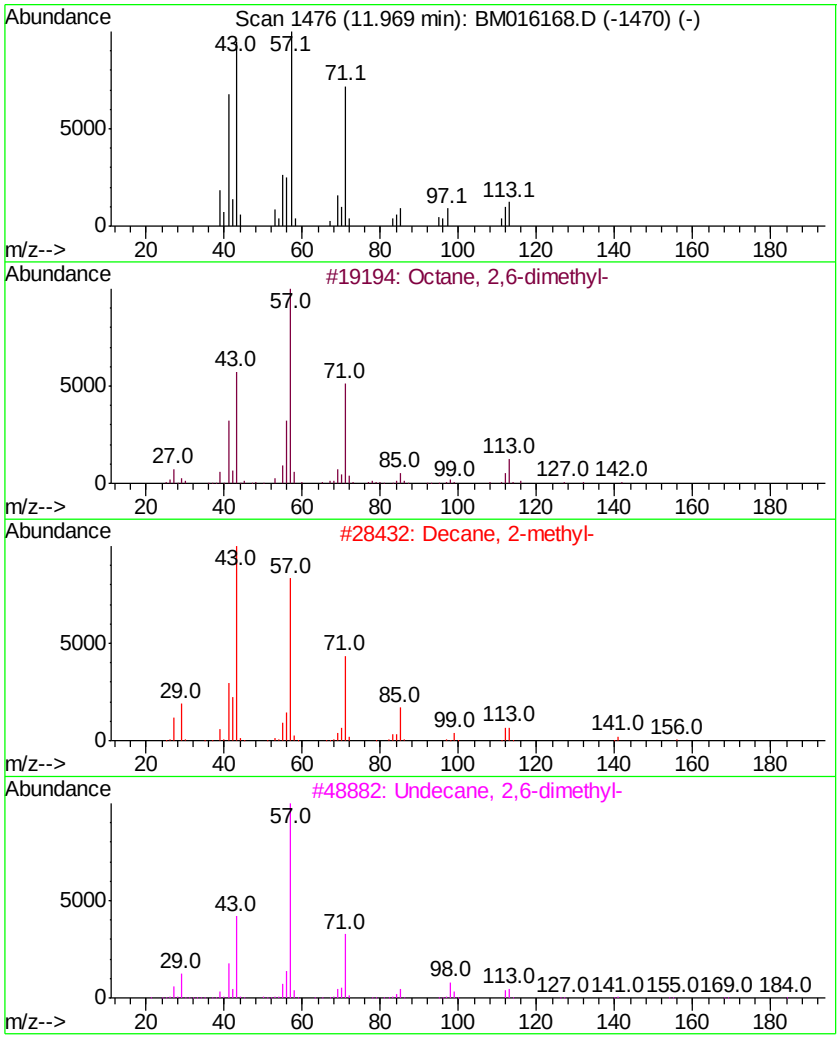
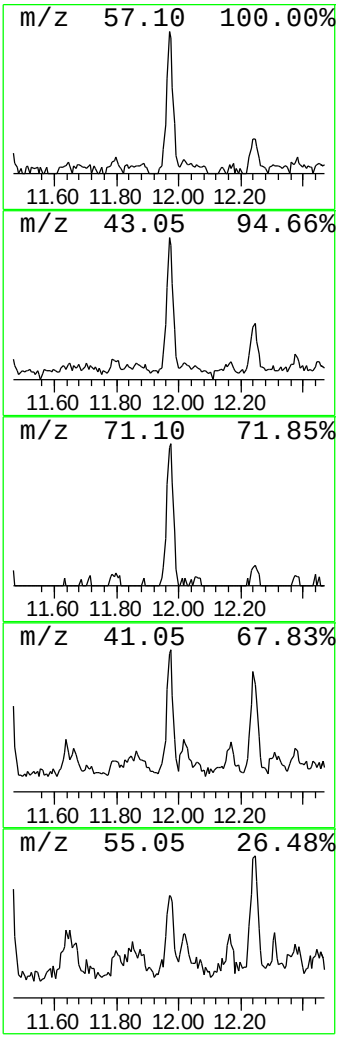
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.28 ng/ul	69524	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	59
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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

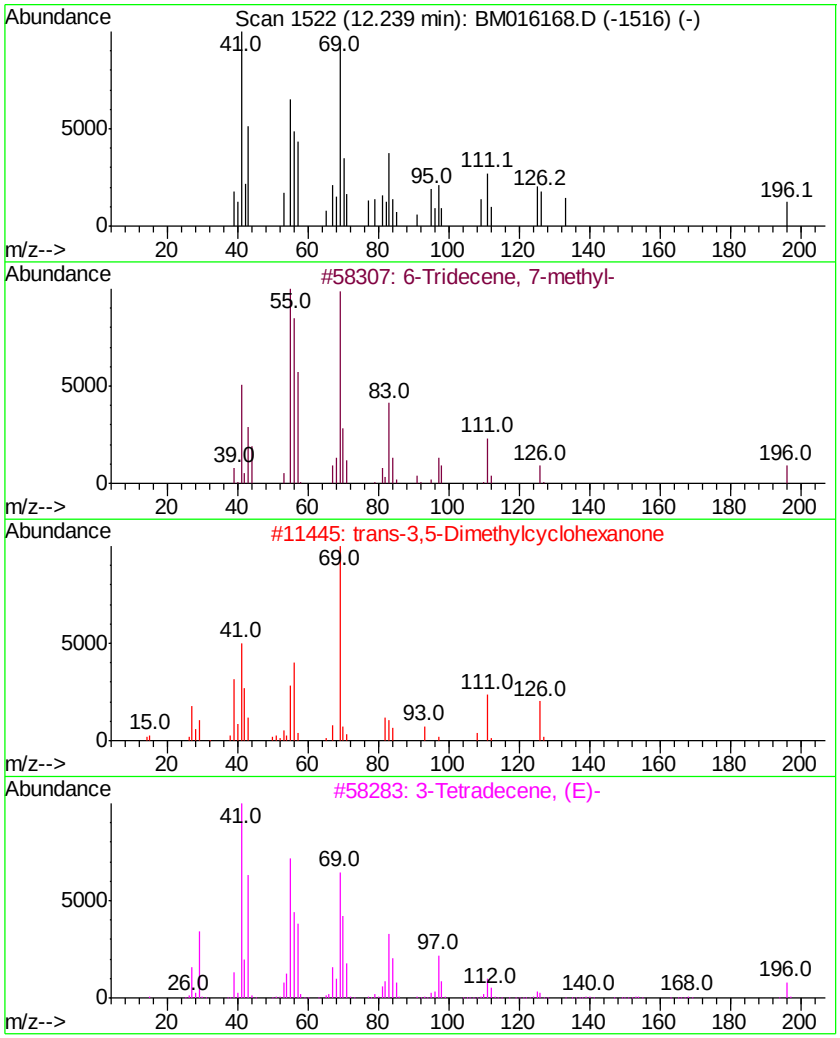
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

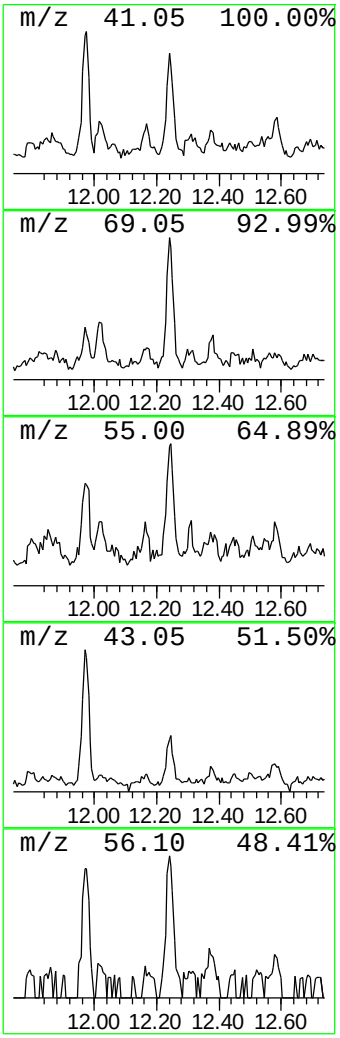
****

Peak Number 3 (DEL) Alkane: Cyclic12.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.27 ng/ul	69112	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	70
2	trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	52
3	3-Tetradecene, (E)-	196	C14H28	041446-68-8	51
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	51
5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	49





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Instrument : BNA_M
ClientSampleId : JJ1K1

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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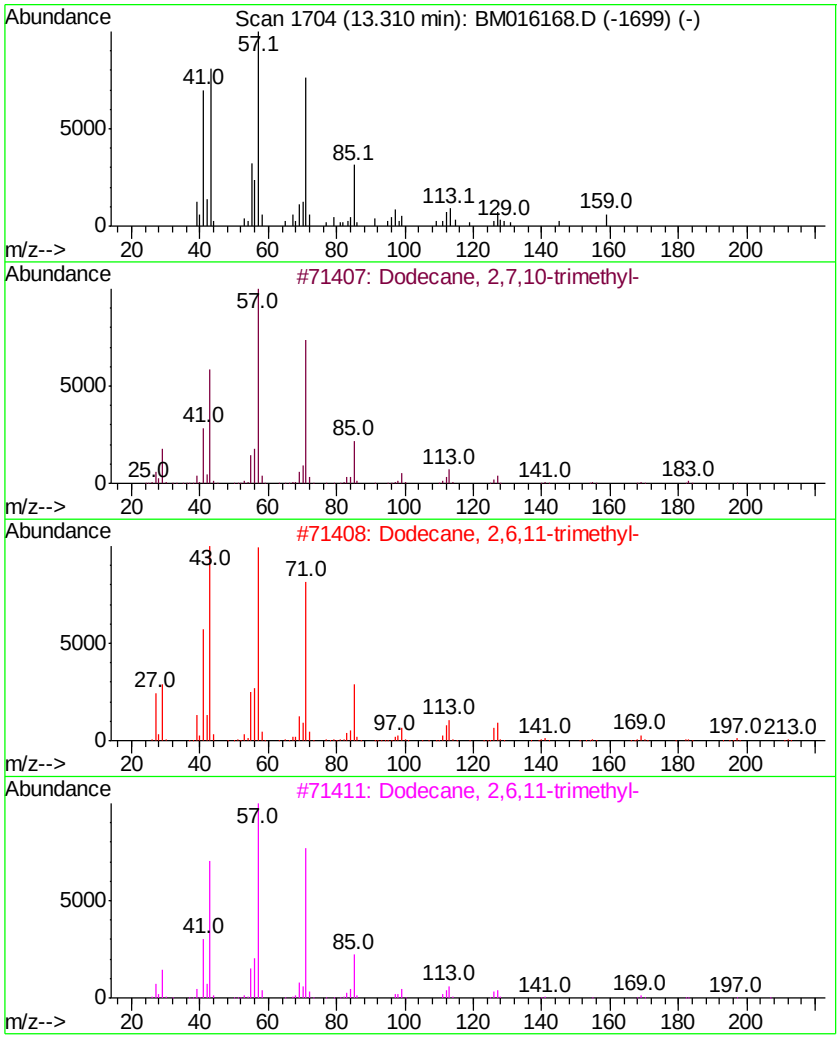
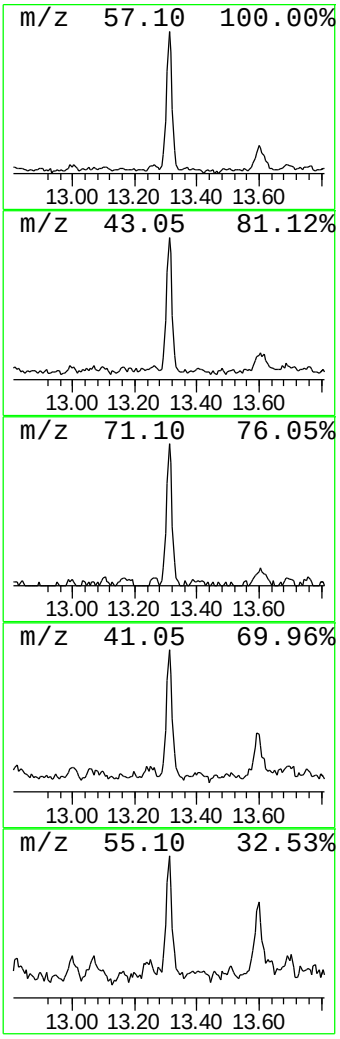
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.69 ng/ul	160031	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86





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Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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

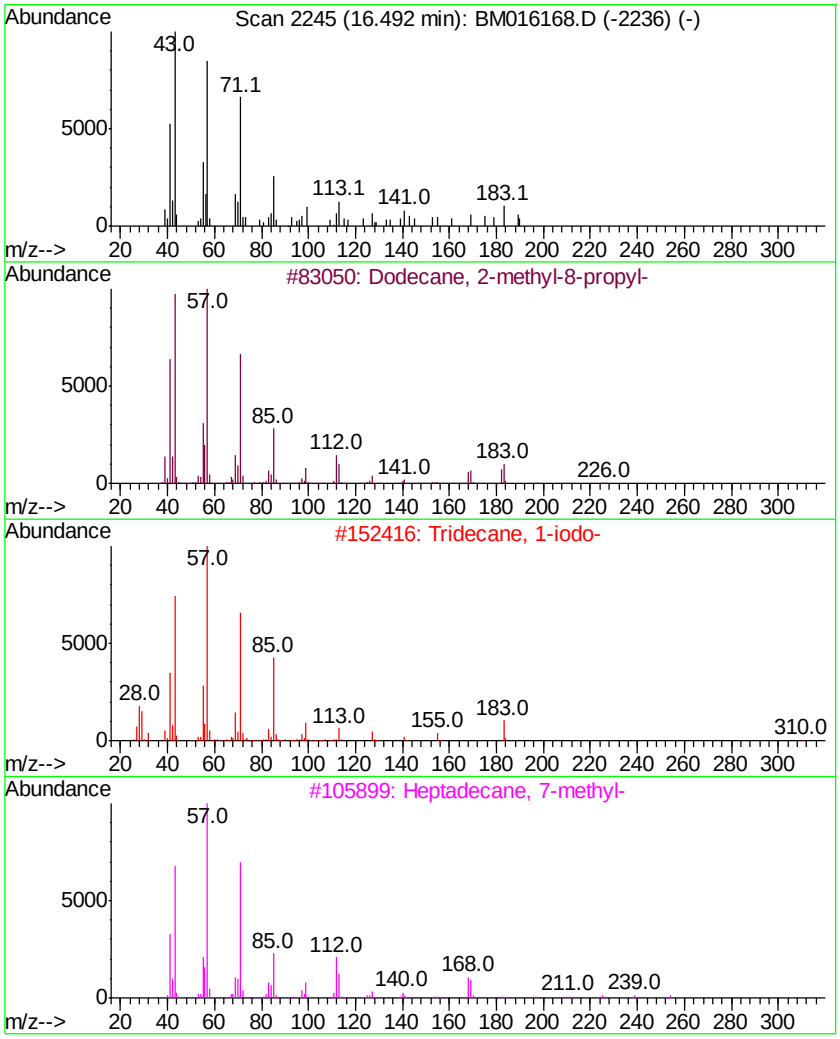
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

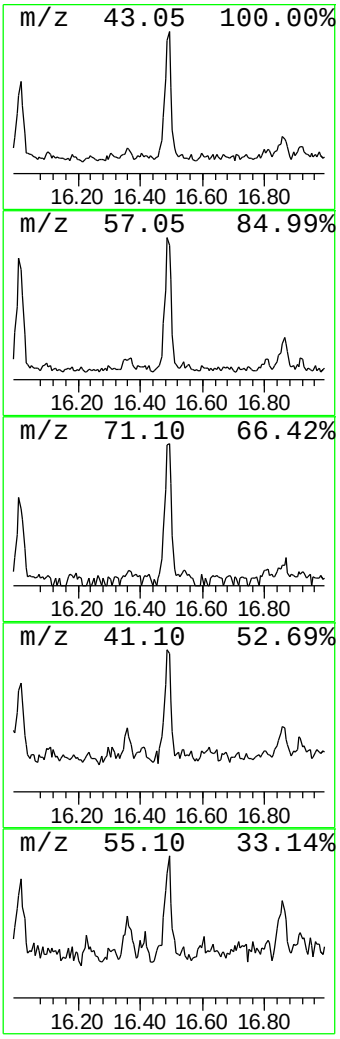
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.31 ng/ul	113177	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64





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Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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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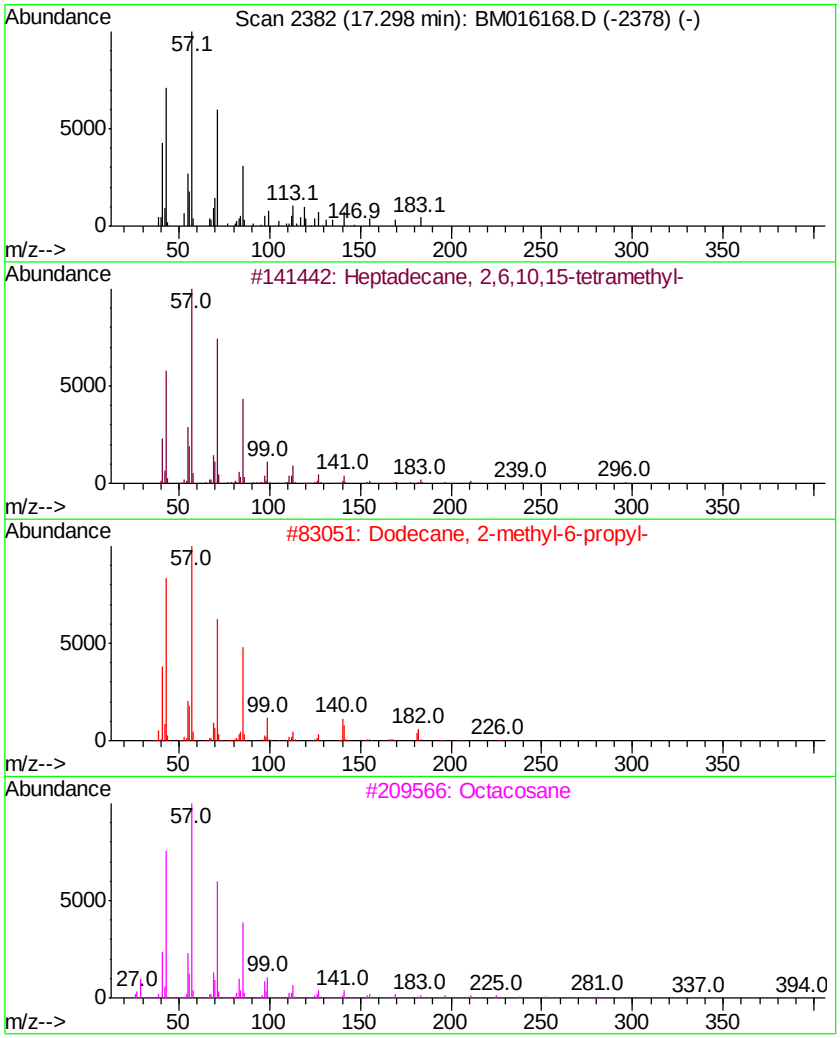
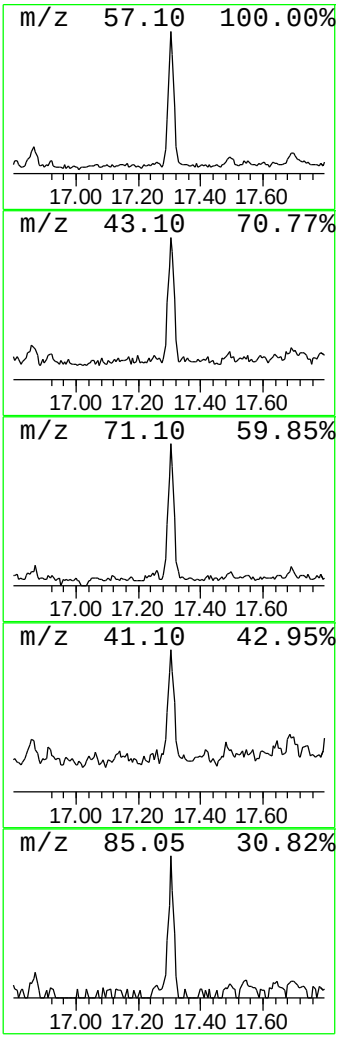
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	2.96 ng/ul	101098	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Octacosane	394	C28H58	000630-02-4	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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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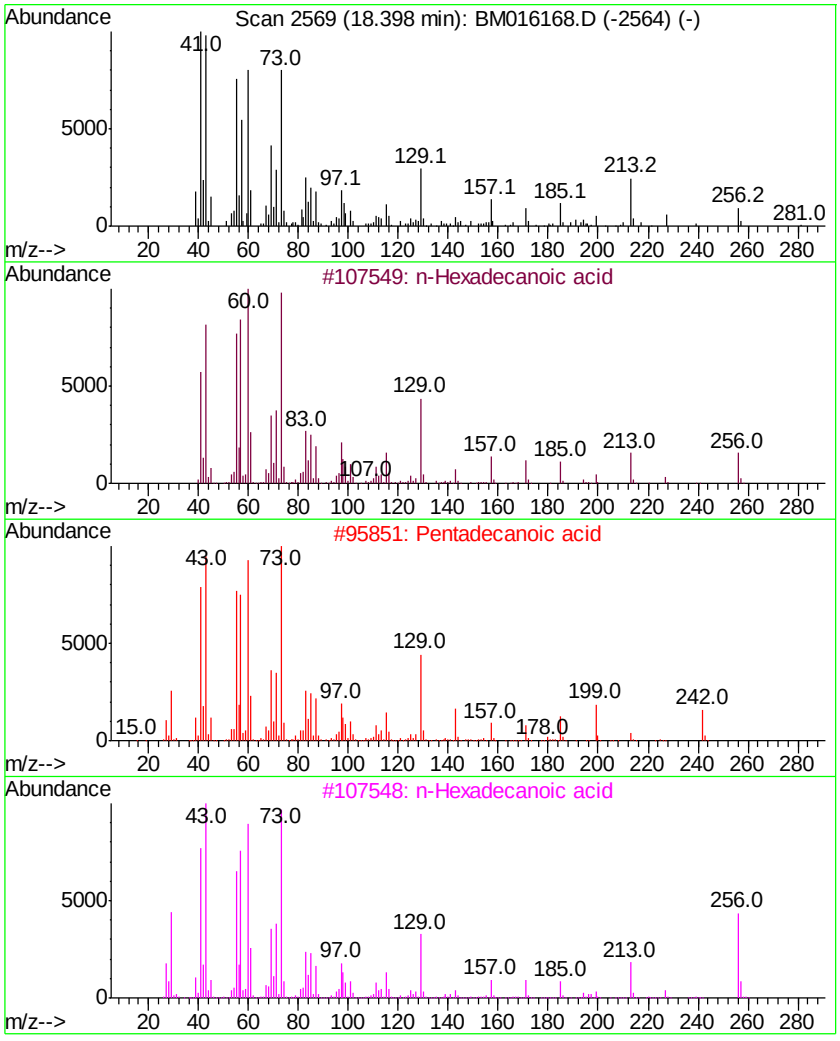
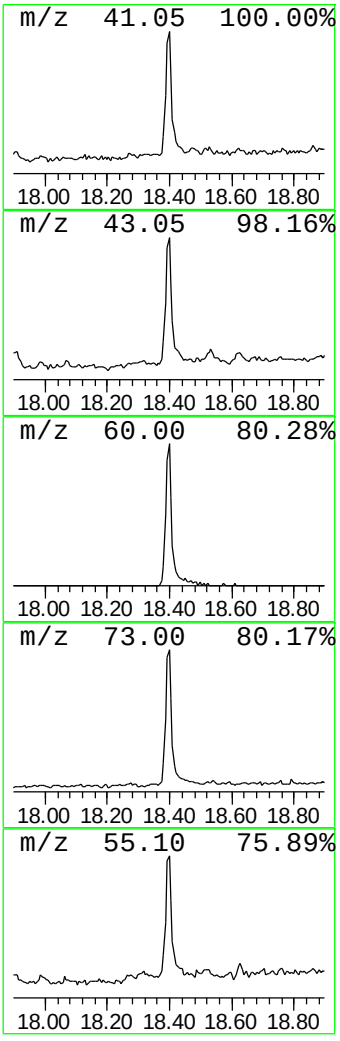
Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	10.05 ng/ul	343348	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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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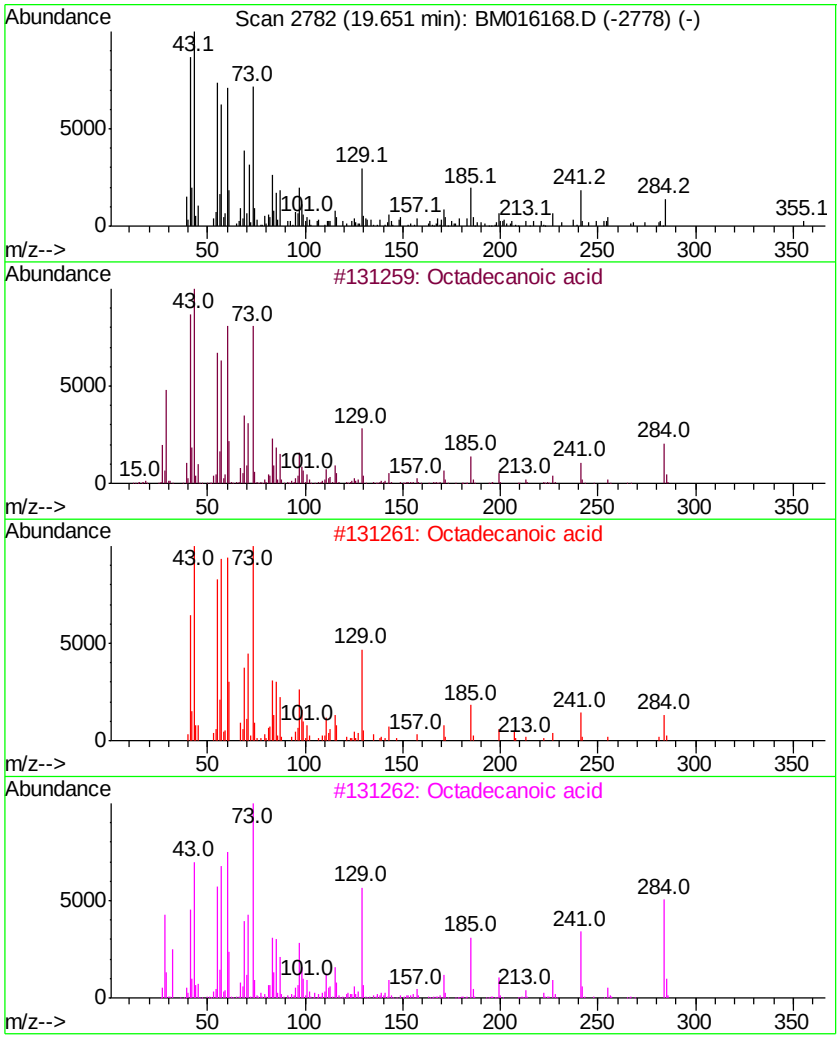
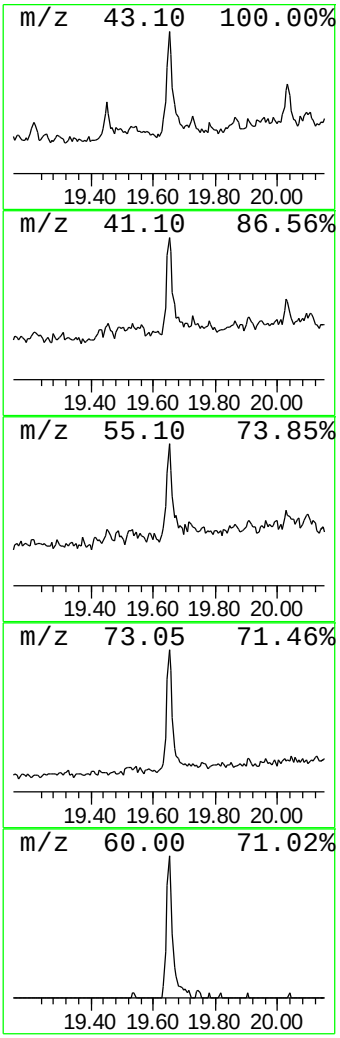
Peak Number 8 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	6.90 ng/ul	237901	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080218\
Data File : BM016168.D
Acq On : 02 Aug 2018 23:17
Operator : SJ/JU
Sample : J4171-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JJ1K1

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
(DEL) Alkane: Cyc...	11.46	2.3	ng/ul	69901	2	11.01	609531	20.0
(DEL) Alkane: Str...	11.97	2.3	ng/ul	69524	2	11.01	609531	20.0
(DEL) Alkane: Cyc...	12.24	2.3	ng/ul	69112	2	11.01	609531	20.0
(DEL) Alkane: Str...	13.31	4.7	ng/ul	160031	3	14.82	681990	20.0
(DEL) Alkane: Str...	16.49	3.3	ng/ul	113177	4	17.54	683008	20.0
(DEL) Alkane: Str...	17.30	3.0	ng/ul	101098	4	17.54	683008	20.0
n-Hexadecanoic acid	18.40	10.1	ng/ul	343348	4	17.54	683008	20.0
Octadecanoic acid	19.65	6.9	ng/ul	237901	5	21.67	689639	20.0