LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	3.163	27	30	36	rVB	36269	50465	1.36%	0.119%
2	6.310	558	565	571	rVB	102004	160349	4.31%	0.378%
3	6.798	642	648	658	rBV2	619954	1158914	31.15%	2.734%
4	6.963	670	676	685	rBV	482983	749143	20.14%	1.768%
5	7.151	701	708	716	rBV	667328	1066903	28.68%	2.517%
6	7.616	781	787	799	rBV	538135	875919	23.54%	2.067%
7	8.328	901	908	918	rBV	823073	1336538	35.92%	3.154%
8	8.775	975	984	993	rBV	639506	1065586	28.64%	2.514%
9	9.175	1045	1052	1058	rBV2	23382	37446	1.01%	0.088%
10	9.492	1096	1106	1117	rBV	512718	898724	24.16%	2.121%
11	10.027	1190	1197	1210	rBV	773575	1366602	36.73%	3.224%
12	10.392	1251	1259	1267	rBV	697876	1176276	31.62%	2.775%
13	10.539	1276	1284	1302	rBV	696767	1292939	34.75%	3.051%
14	13.086	1710	1717	1725	rBV3	42879	79067	2.13%	0.187%
15	13.686	1813	1819	1823	rBV	1424244	1939196	52.12%	4.575%
16	13.733	1823	1827	1835	rVV	236785	376785	10.13%	0.889%
17	13.957	1855	1865	1874	rBV	1571950	2376996	63.89%	5.608%
18	14.174	1896	1902	1908	rBV	123148	163634	4.40%	0.386%
19	14.268	1908	1918	1927	rVV2	1015651	1569131	42.17%	3.702%
20	14.492	1949	1956	1968	rBV	473301	857962	23.06%	2.024%
21	14.798	2005	2008	2016	rVB4	45601	71477	1.92%	0.169%
22	15.133	2061	2065	2070	rVB	159288	195178	5.25%	0.461%
23	15.268	2079	2088	2093	rBV	1974108	2745316	73.79%	6.477%
24	15.404	2106	2111	2121	rVB	504939	772898	20.77%	1.824%
25	15.539	2124	2134	2139	rBV3	88191	203422	5.47%	0.480%
26	15.633	2146	2150	2155	rVB8	27793	41302	1.11%	0.097%
27	15.692	2156	2160	2165	rBV6	31757	52240	1.40%	0.123%
28	15.751	2166	2170	2174	rVB7	24012	40355	1.08%	0.095%
29	15.998	2207	2212	2214	rBV	183332	252320	6.78%	0.595%
30	16.339	2266	2270	2273	rBV6	26655	41837	1.12%	0.099%
31	16.680	2323	2328	2334	rBV6	82820	130328	3.50%	0.308%
32	16.786	2343	2346	2350	rBV	96965	121844	3.27%	0.287%
33	16.839	2351	2355	2363	rVB2	140577	230366	6.19%	0.544%
34	17.021	2380	2386	2392	rBV2	1282396	1851407	49.76%	4.368%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	17.121	2397	2403	2414	rVB	2070655	3075755	82.67%	7.257%
36	17.209	2414	2418	2423	rBV8	34593	68186	1.83%	0.161%
37	17.256	2423	2426	2432	rBV7	20368	41889	1.13%	0.099%
38	17.527	2469	2472	2476	rVB3	70664	83387	2.24%	0.197%
39	17.927	2535	2540	2547	rBV2	304259	488392	13.13%	1.152%
40	18.221	2586	2590	2593	rBV3	59032	91527	2.46%	0.216%
41	18.303	2600	2604	2607	rBV6	36426	49255	1.32%	0.116%
42	18.856	2696	2698	2705	rVB6	61591	83082	2.23%	0.196%
43	19.062	2730	2733	2736	rBV4	53666	67961	1.83%	0.160%
44	19.139	2743	2746	2752	rVB3	90585	131683	3.54%	0.311%
45	19.215	2755	2759	2769	rBV3	301641	461608	12.41%	1.089%
46	19.421	2788	2794	2801	rBV	2628928	3496411	93.98%	8.250%
47	19.474	2801	2803	2808	rVB6	38187	37641	1.01%	0.089%
48	20.362	2950	2954	2959	rVB2	129174	151430	4.07%	0.357%
49	20.909	3043	3047	3048	rBV4	55969	67842	1.82%	0.160%
50	20.939	3048	3052	3058	rVB	276122	348495	9.37%	0.822%
51	21.144	3083	3087	3093	rBV2	72549	125598	3.38%	0.296%
52	21.215	3094	3099	3108	rBV	1760066	2317058	62.28%	5.467%
53	23.280	3443	3450	3460	rBV2	1943257	3720542	100.00%	8.778%
54	23.421	3467	3474	3484	rVB	1111703	2125958	57.14%	5.016%

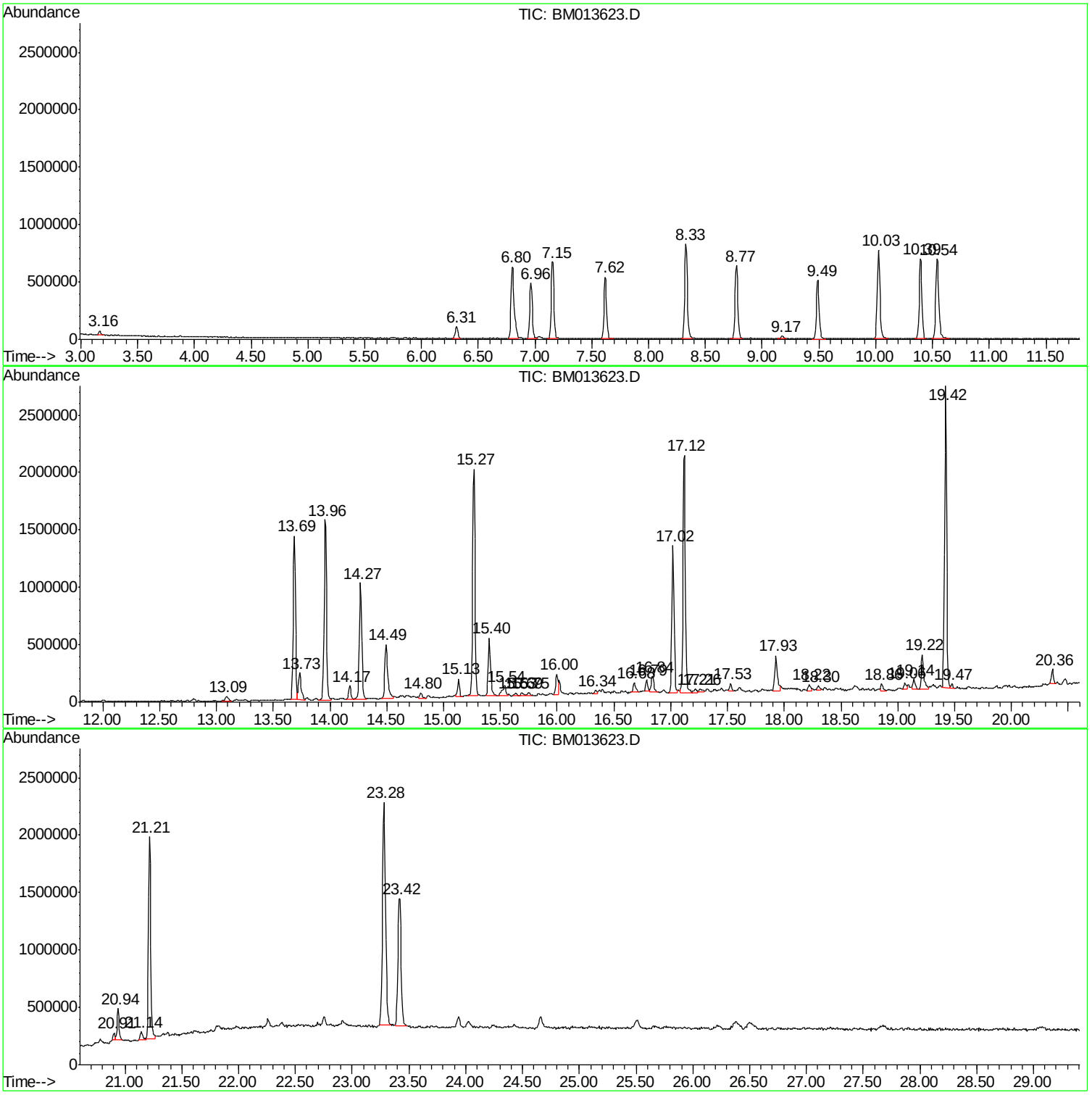
Sum of corrected areas: 42382565

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

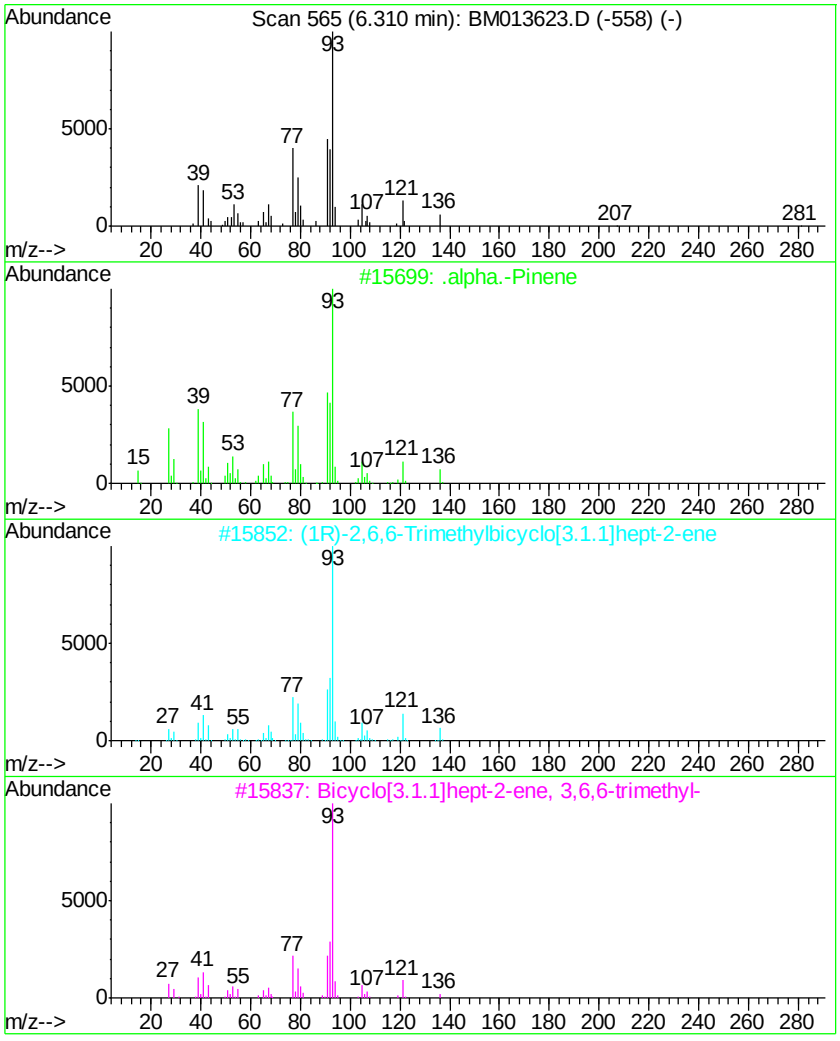
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

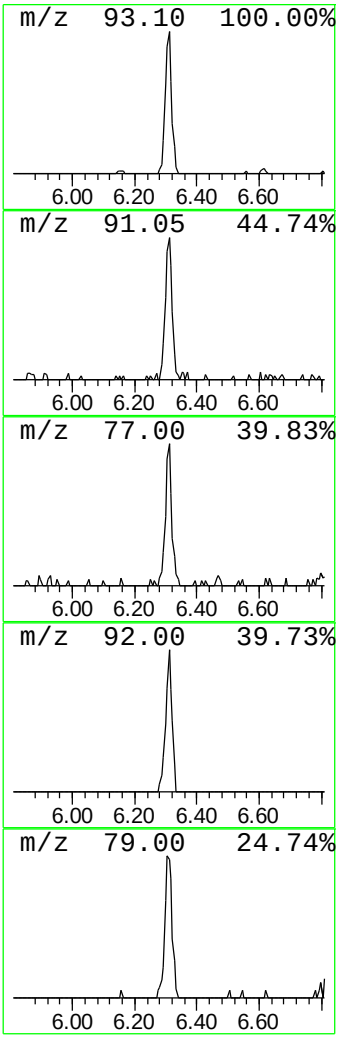
****

Peak Number 1 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	3.66 ng/ul	160349	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

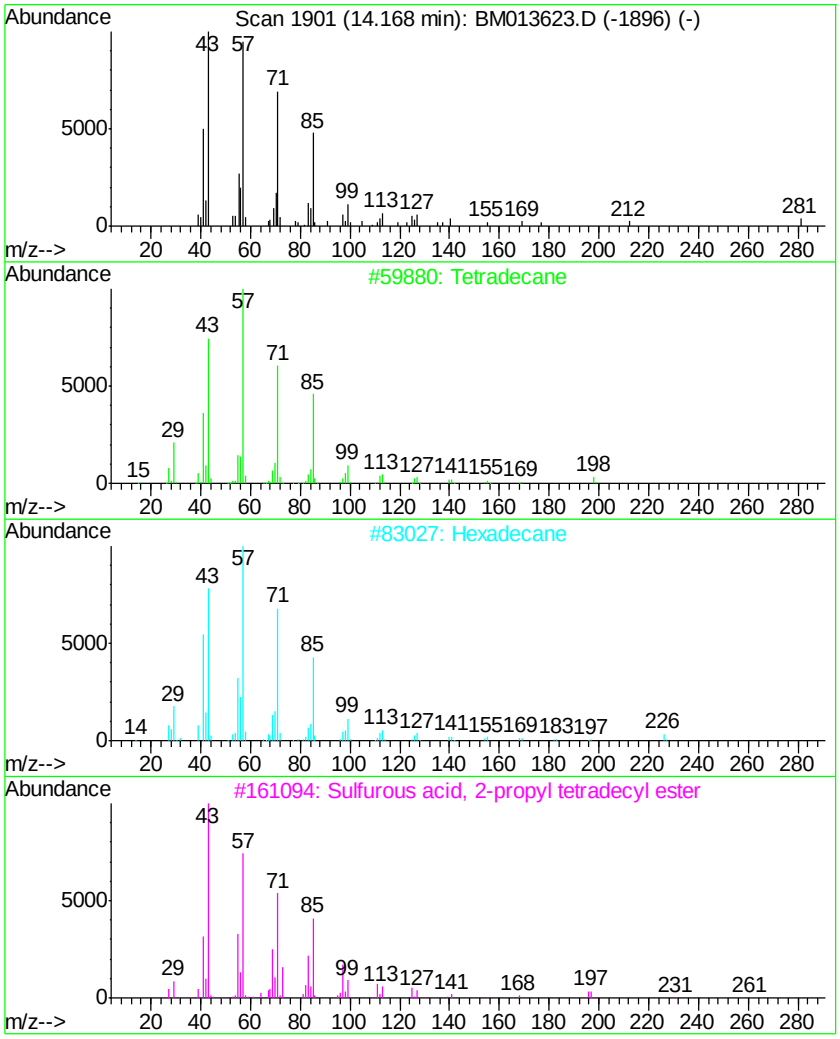
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

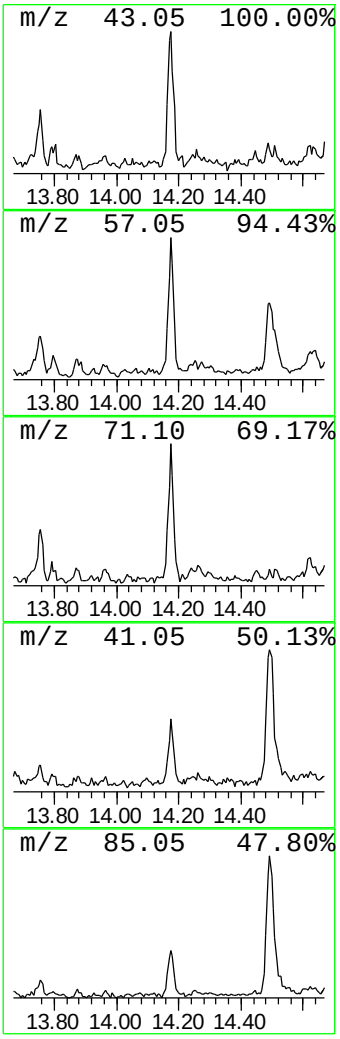
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.09 ng/ul	163634	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Tridecane	184	C13H28	000629-50-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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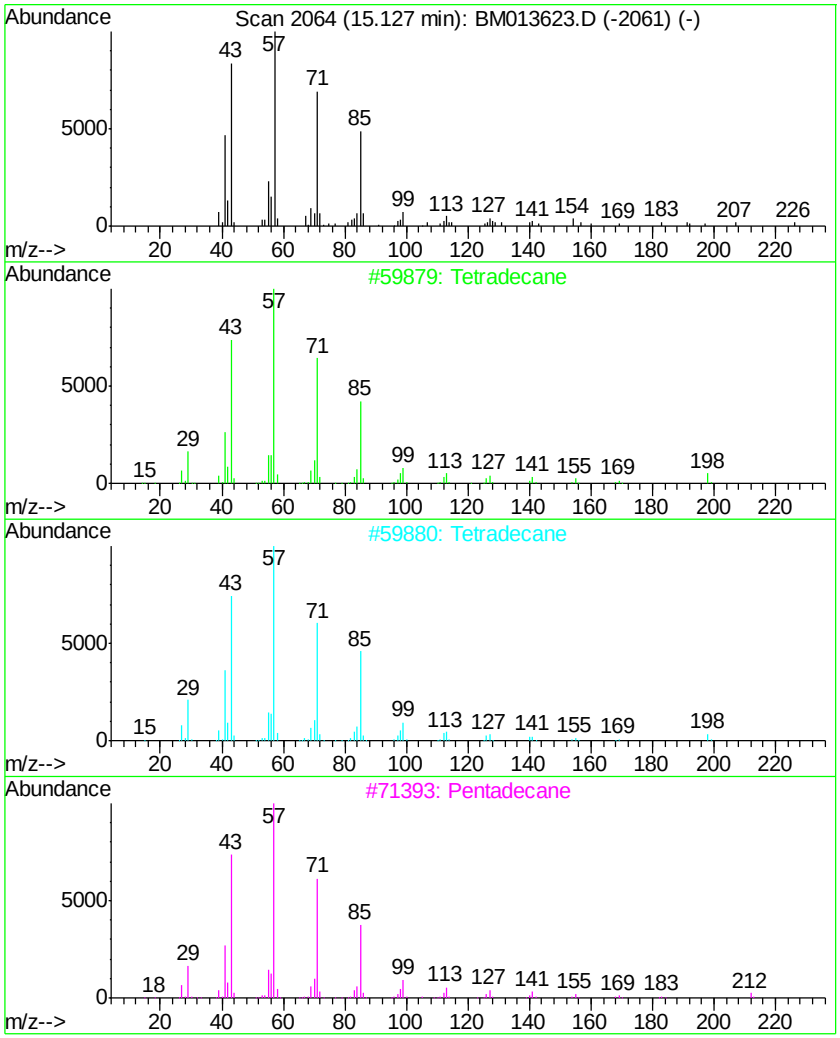
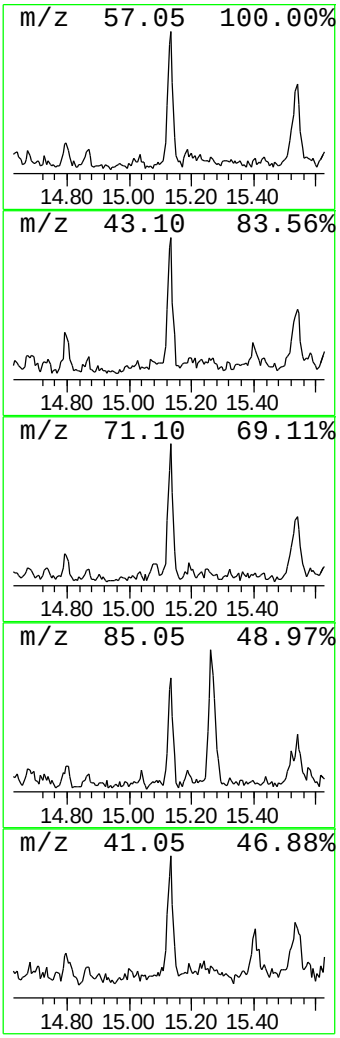
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.49 ng/ul	195178	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane	212	C15H32	000629-62-9	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

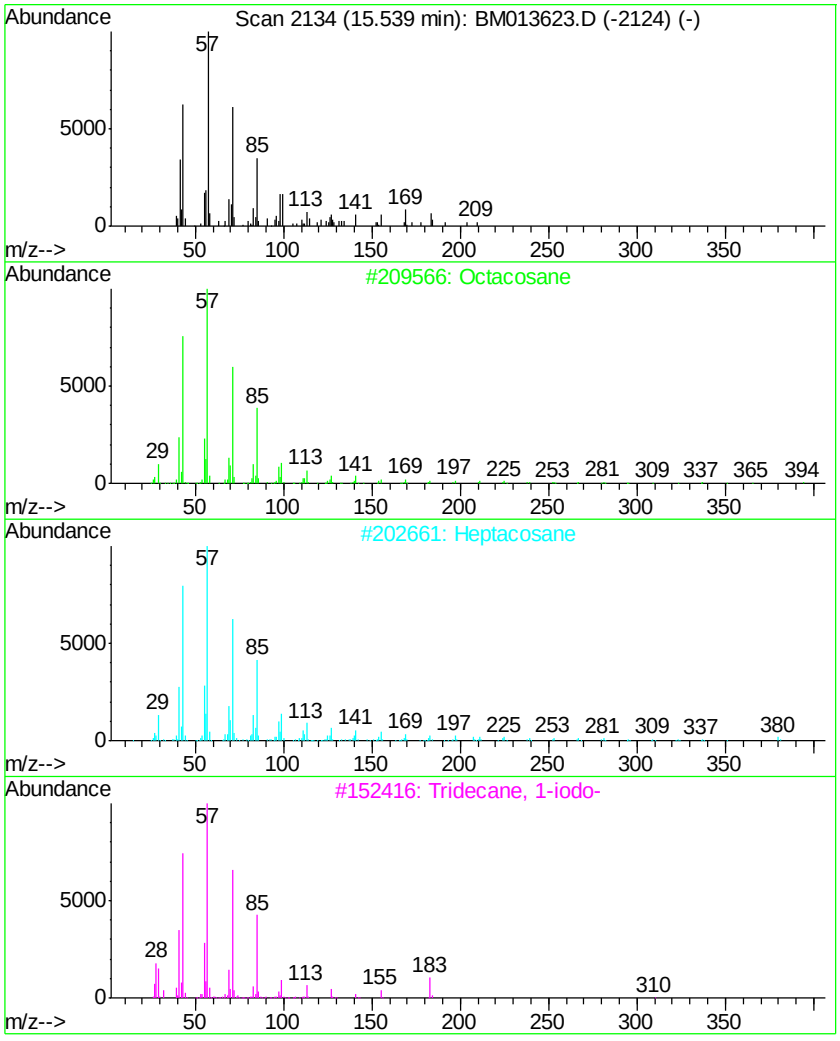
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

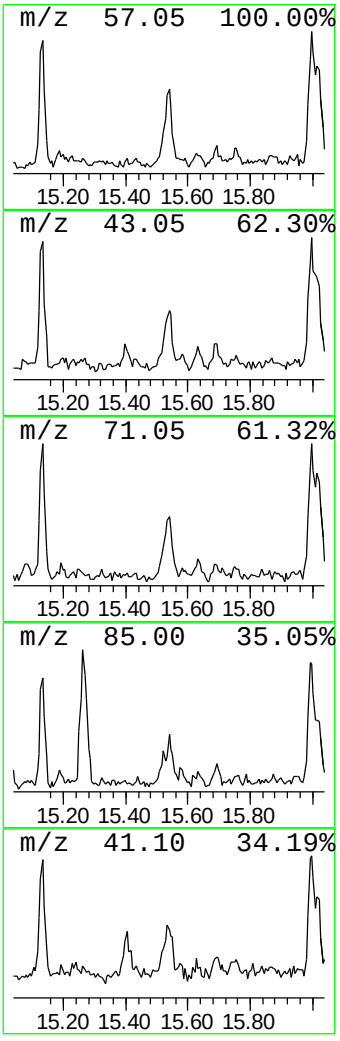
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	2.59 ng/ul	203422	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
5	Tridecane	184	C13H28	000629-50-5	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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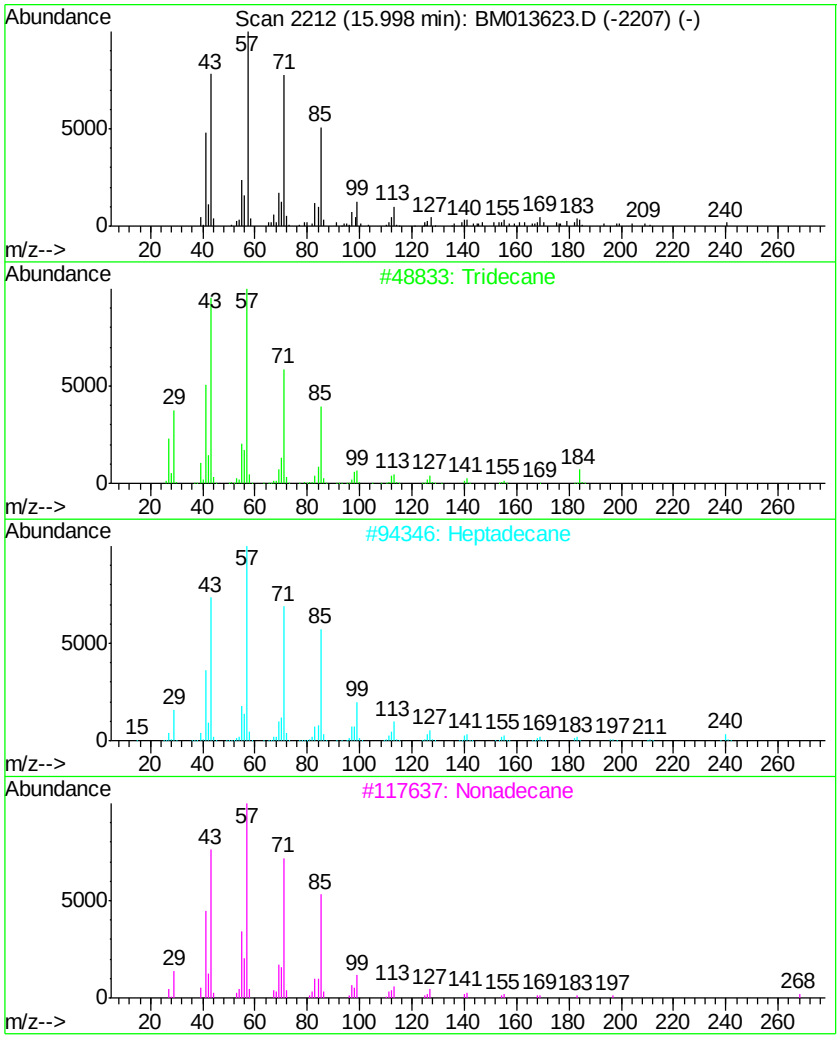
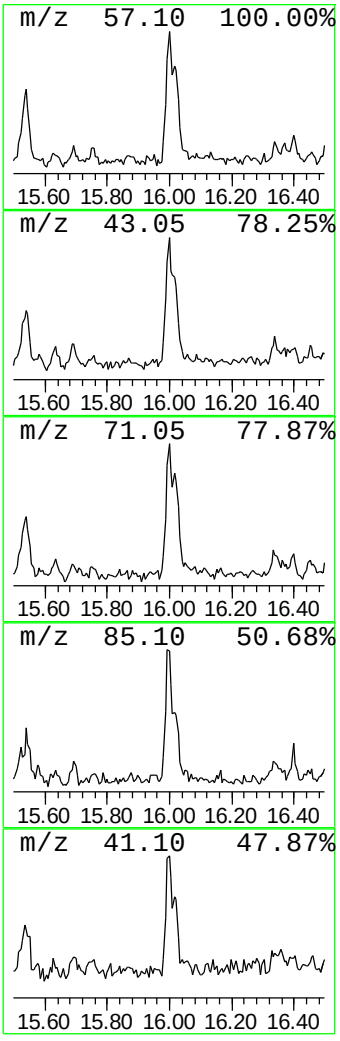
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.73 ng/ul	252320	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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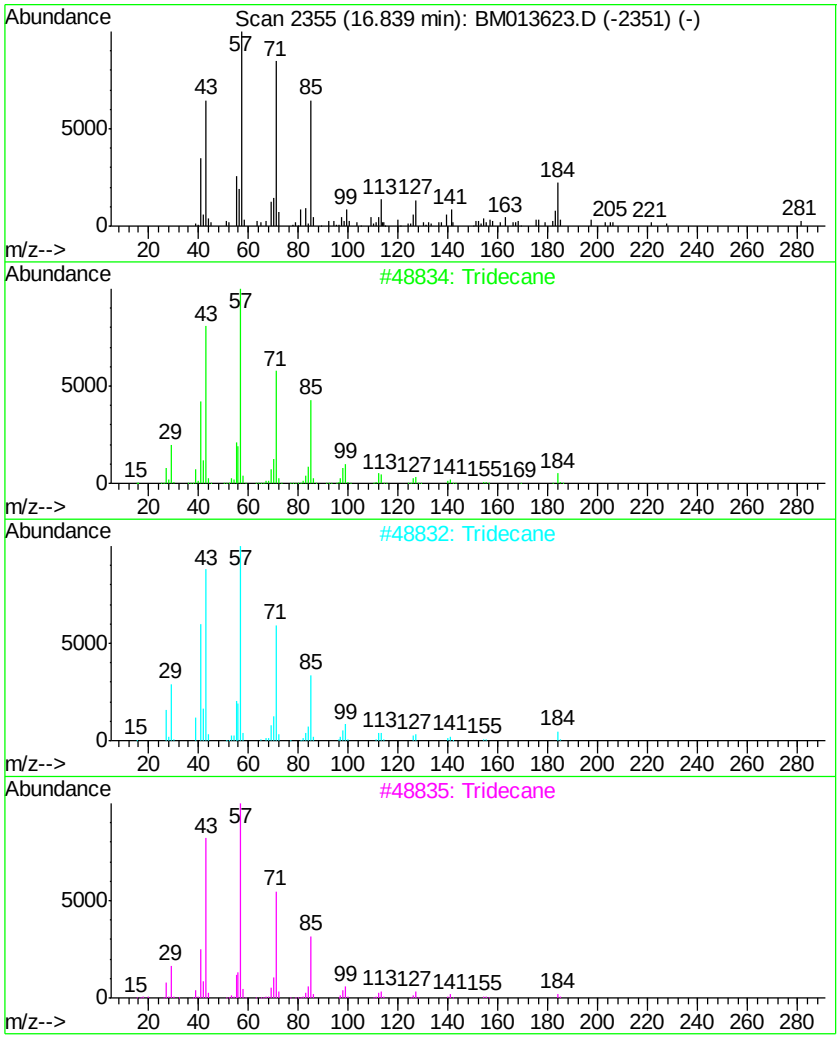
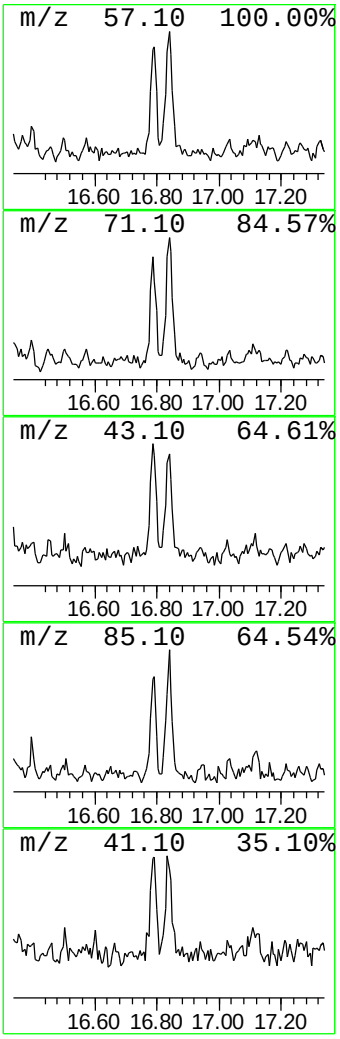
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.49 ng/ul	230366	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

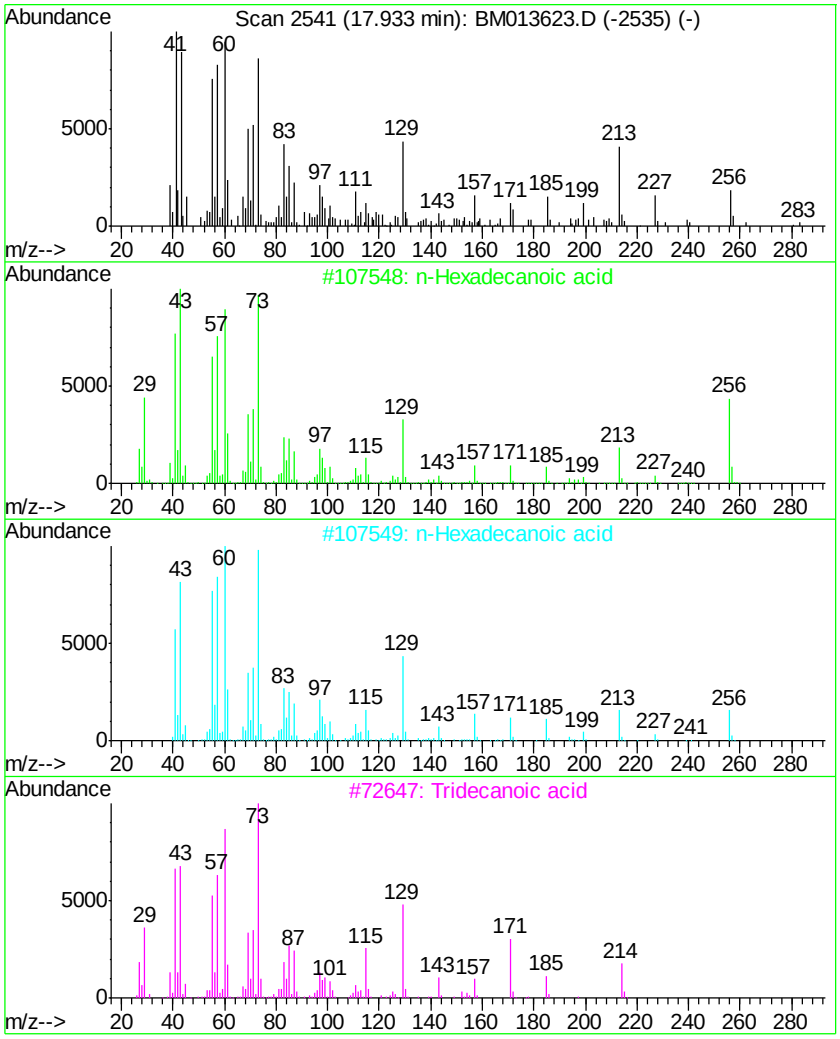
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

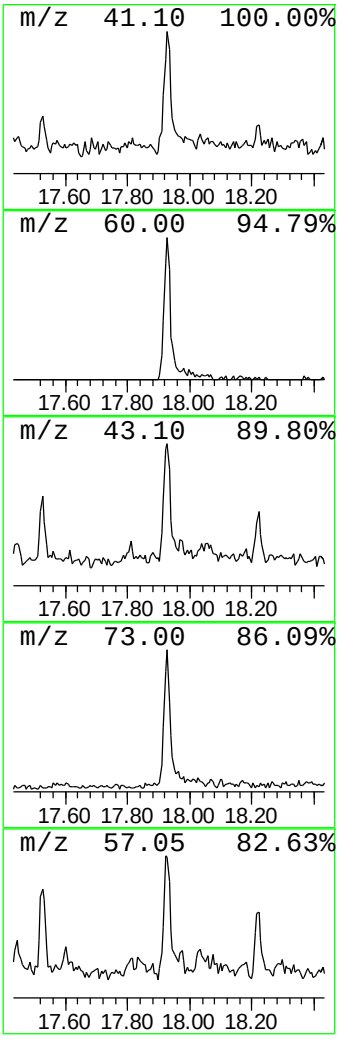
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.28 ng/ul	488392	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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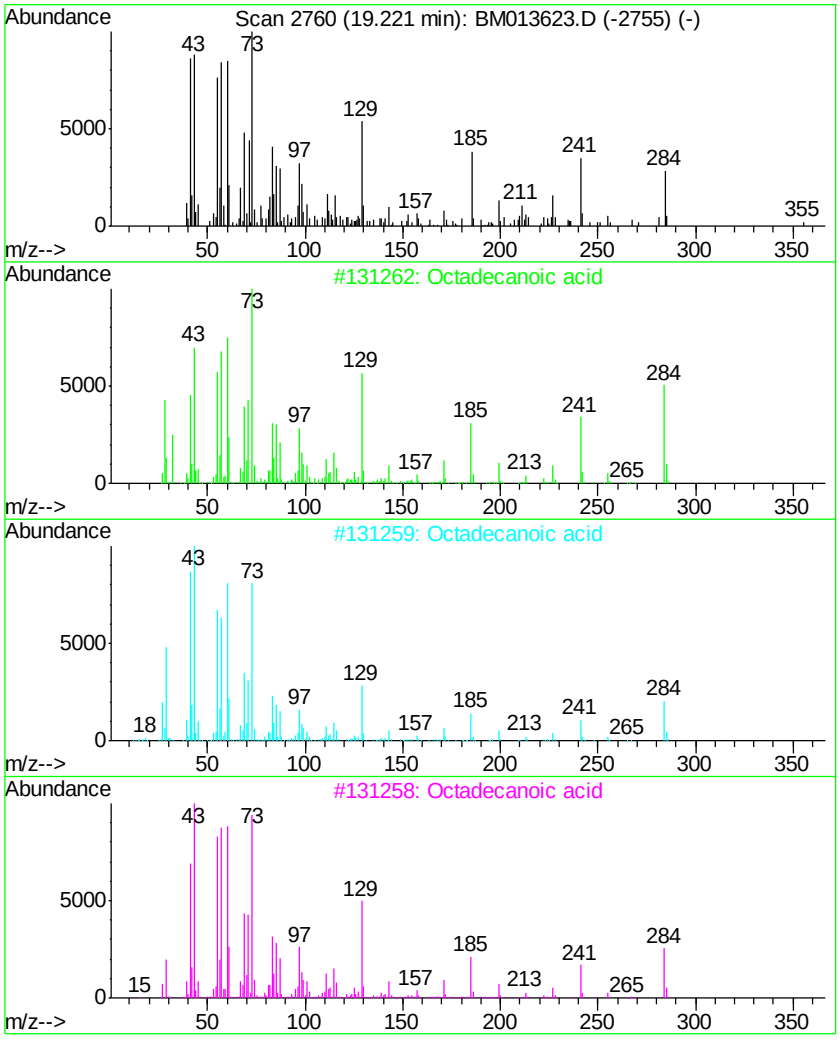
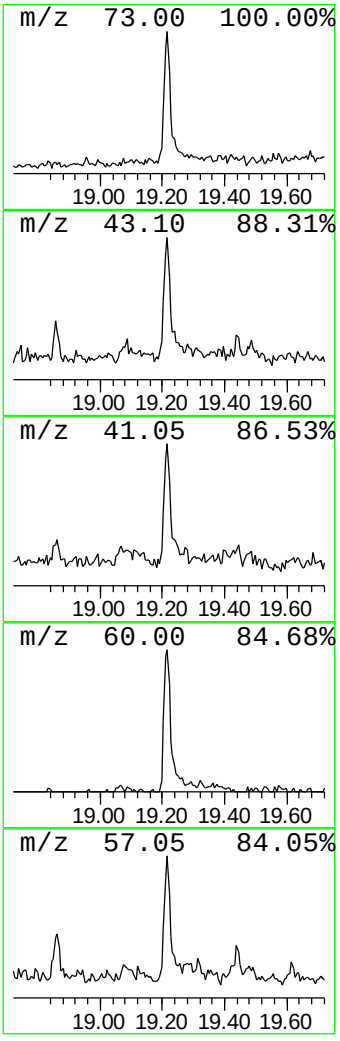
Peak Number 8 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	3.98 ng/ul	461608	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	n-Decanoic acid	172	C10H20O2	000334-48-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

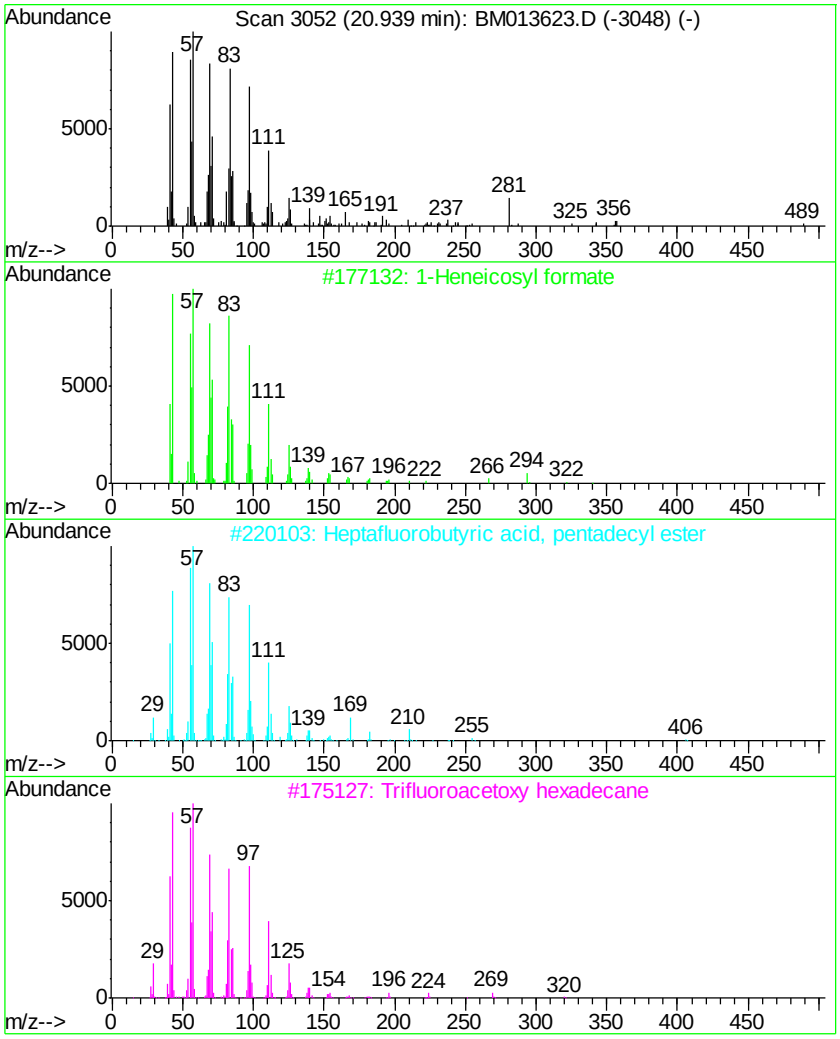
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

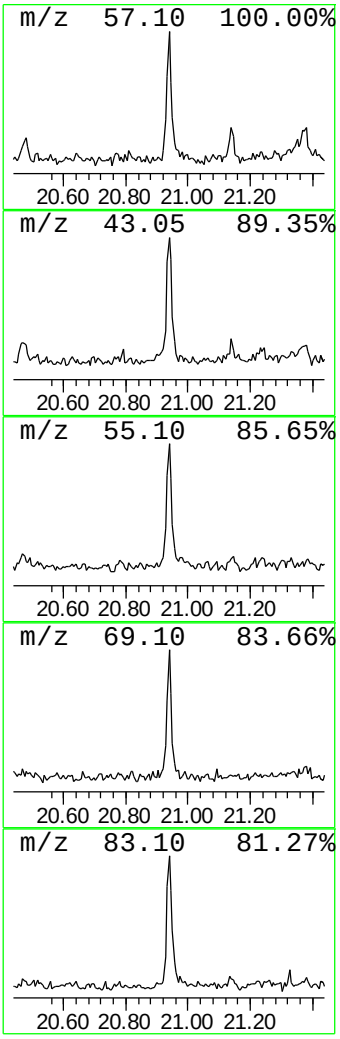
****

Peak Number 9 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.01 ng/ul	348495	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011618\
Data File : BM013623.D
Acq On : 16 Jan 2018 15:15
Operator : SJ/JU
Sample : J1080-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
.alpha.-Pinene	6.31	3.7	ng/ul	160349	1	7.62	875919	20.0
(DEL) Alkane: Str...	14.17	2.1	ng/ul	163634	3	14.27	1569130	20.0
(DEL) Alkane: Str...	15.13	2.5	ng/ul	195178	3	14.27	1569130	20.0
(DEL) Alkane: Str...	15.54	2.6	ng/ul	203422	3	14.27	1569130	20.0
(DEL) Alkane: Str...	16.00	2.7	ng/ul	252320	4	17.02	1851410	20.0
(DEL) Alkane: Str...	16.84	2.5	ng/ul	230366	4	17.02	1851410	20.0
n-Hexadecanoic acid	17.93	5.3	ng/ul	488392	4	17.02	1851410	20.0
Octadecanoic acid	19.22	4.0	ng/ul	461608	5	21.22	2317060	20.0
1-Heneicosyl formate	20.94	3.0	ng/ul	348495	5	21.22	2317060	20.0