LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013668.D
Acq On : 19 Jan 2018 17:15
Operator : SJ/JU
Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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	3.158	27	29	35	rVB	27026	30112	1.09%	0.086%
2	4.775	299	304	311	rVB2	23129	37888	1.37%	0.108%
3	6.304	556	564	570	rBV	86934	133094	4.81%	0.381%
4	6.793	641	647	662	rVB2	554899	1007573	36.43%	2.882%
5	6.957	669	675	686	rBV	404944	624920	22.59%	1.787%
6	7.146	702	707	715	rBV	581240	908755	32.86%	2.599%
7	7.222	715	720	731	rVV	267662	435464	15.74%	1.245%
8	7.610	780	786	794	rBV	567218	876309	31.68%	2.506%
9	8.322	900	907	920	rBV	658091	1100677	39.80%	3.148%
10	8.769	976	983	994	rVB	561874	919421	33.24%	2.630%
11	9.175	1047	1052	1057	rVB4	33603	48023	1.74%	0.137%
12	9.481	1099	1104	1115	rVB	452072	778061	28.13%	2.225%
13	10.022	1189	1196	1206	rBV	645917	1146707	41.46%	3.280%
14	10.386	1251	1258	1266	rVB	716528	1213423	43.87%	3.471%
15	10.539	1277	1284	1295	rBV	528266	994914	35.97%	2.846%
16	13.086	1712	1717	1724	rBV4	18820	31514	1.14%	0.090%
17	13.680	1811	1818	1823	rBV	1177409	1610660	58.23%	4.607%
18	13.727	1823	1826	1834	rVB	244587	351377	12.70%	1.005%
19	13.951	1854	1864	1872	rBV	1285277	1934143	69.93%	5.532%
20	14.174	1895	1902	1907	rBV	59612	86388	3.12%	0.247%
21	14.263	1910	1917	1925	rBV2	1014176	1539511	55.66%	4.403%
22	14.492	1950	1956	1968	rBV	331344	644635	23.31%	1.844%
23	15.127	2058	2064	2071	rVB2	76922	95772	3.46%	0.274%
24	15.263	2079	2087	2095	rVB	1649731	2270825	82.10%	6.495%
25	15.398	2103	2110	2121	rBV	414282	642714	23.24%	1.838%
26	15.504	2124	2128	2130	rBV4	21138	31100	1.12%	0.089%
27	15.992	2207	2211	2218	rBV2	60509	91653	3.31%	0.262%
28	16.786	2343	2346	2351	rBV3	35312	47298	1.71%	0.135%
29	17.015	2379	2385	2393	rBV	1249118	1693021	61.21%	4.842%
30	17.115	2396	2402	2413	rVB	1657967	2313767	83.65%	6.618%
31	17.292	2424	2432	2435	rBV8	29886	45208	1.63%	0.129%
32	17.521	2467	2471	2475	rBV4	22686	28707	1.04%	0.082%
33	17.921	2534	2539	2546	rBV2	223729	351396	12.70%	1.005%
34	18.357	2608	2613	2620	rBV3	35745	49930	1.81%	0.143%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DAJP4

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	18.845	2692	2696	2699	rBV6	22874	37691	1.36%	0.108%
36	19.057	2729	2732	2735	rBV5	26431	28384	1.03%	0.081%
37	19.209	2753	2758	2763	rBV4	143971	213182	7.71%	0.610%
38	19.351	2780	2782	2788	rVB7	20186	29289	1.06%	0.084%
39	19.415	2788	2793	2801	rBV	1968002	2626291	94.95%	7.512%
40	19.868	2866	2870	2876	rBV3	81403	116822	4.22%	0.334%
41	20.356	2950	2953	2956	rBV5	43020	52290	1.89%	0.150%
42	20.403	2958	2961	2967	rVV2	81047	110775	4.01%	0.317%
43	20.456	2967	2970	2977	rVV9	47242	70464	2.55%	0.202%
44	20.903	3042	3046	3049	rBV2	274809	391698	14.16%	1.120%
45	20.939	3049	3052	3058	rVB	371393	500843	18.11%	1.432%
46	21.215	3094	3099	3106	rBV	1493267	1929491	69.76%	5.519%
47	21.533	3150	3153	3157	rVB5	104121	111508	4.03%	0.319%
48	23.274	3443	3449	3458	rVB2	1491342	2765867	100.00%	7.911%
49	23.415	3467	3473	3480	rVB	1015867	1863872	67.39%	5.331%

Sum of corrected areas: 34963427

LSC Report - Integrated Chromatogram

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Data File : BM013668.D
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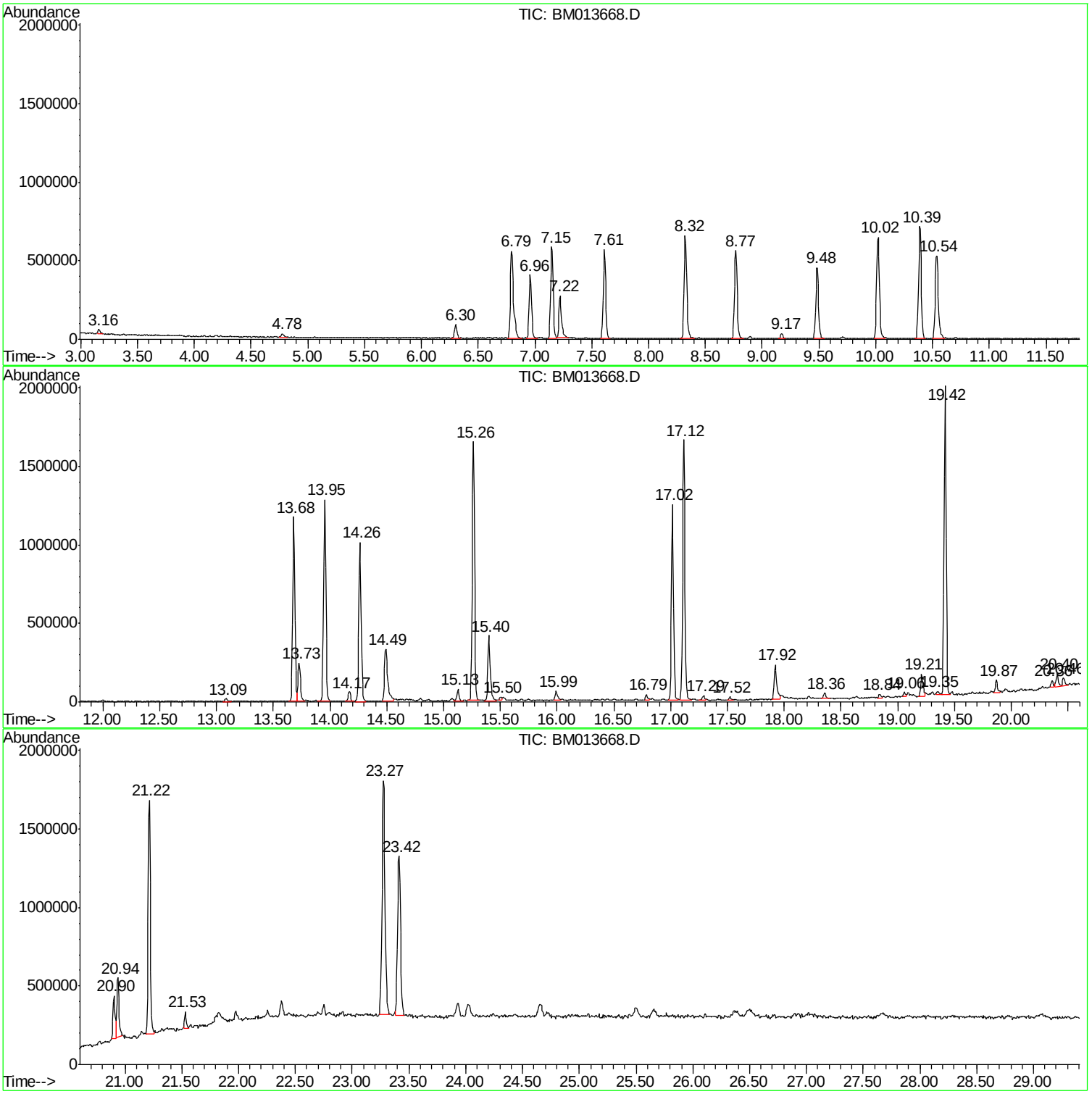
Operator : SJ/JU
Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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\BM011918\
Data File : BM013668.D
Acq On : 19 Jan 2018 17:15
Operator : SJ/JU
Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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

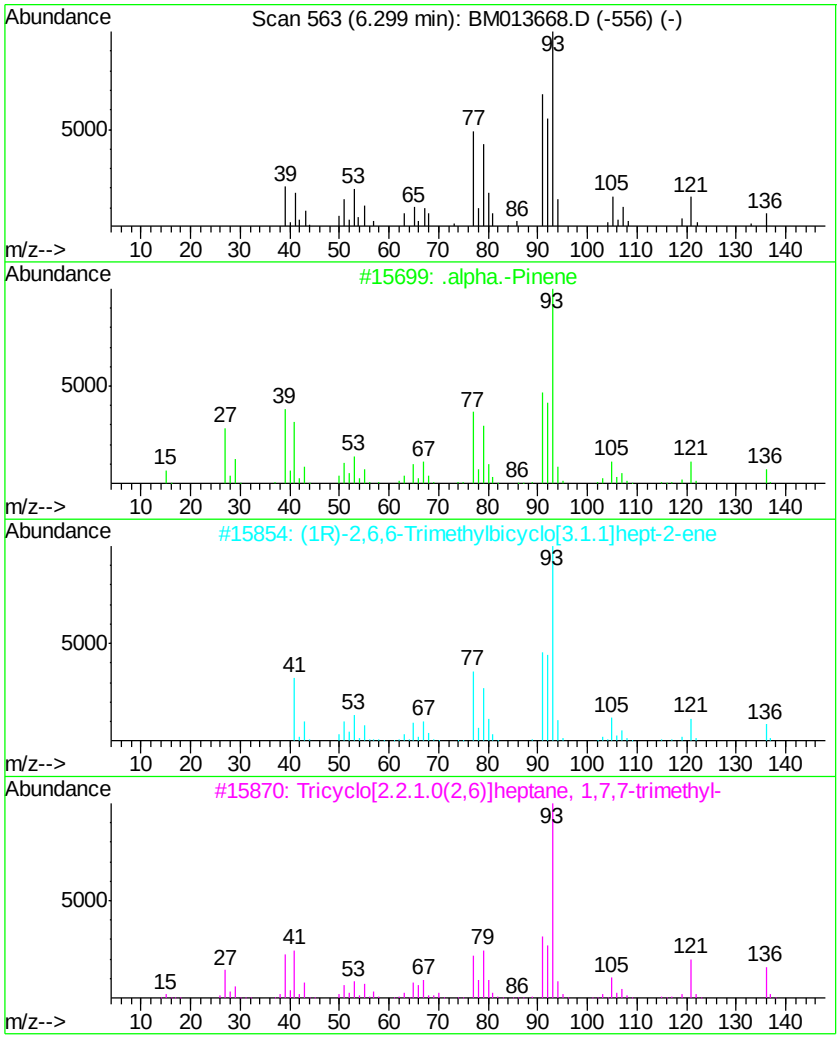
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

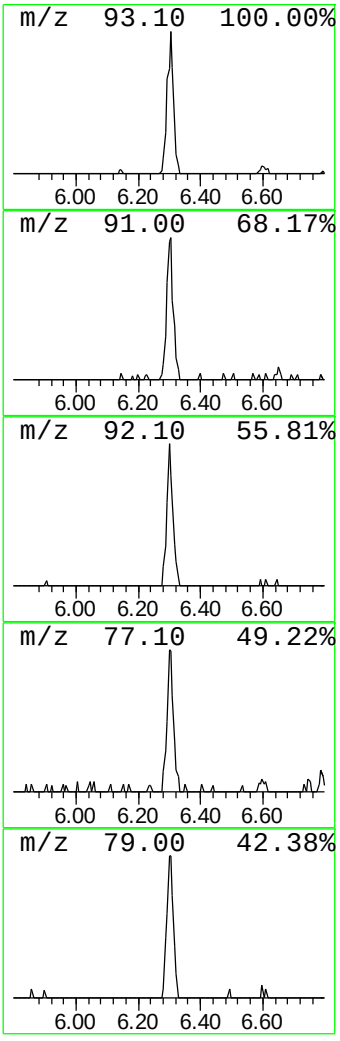
****

Peak Number 1 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	3.04 ng/ul	133094	1,4-Dichlorobenzene-d4	7.61

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	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013668.D
Acq On : 19 Jan 2018 17:15
Operator : SJ/JU
Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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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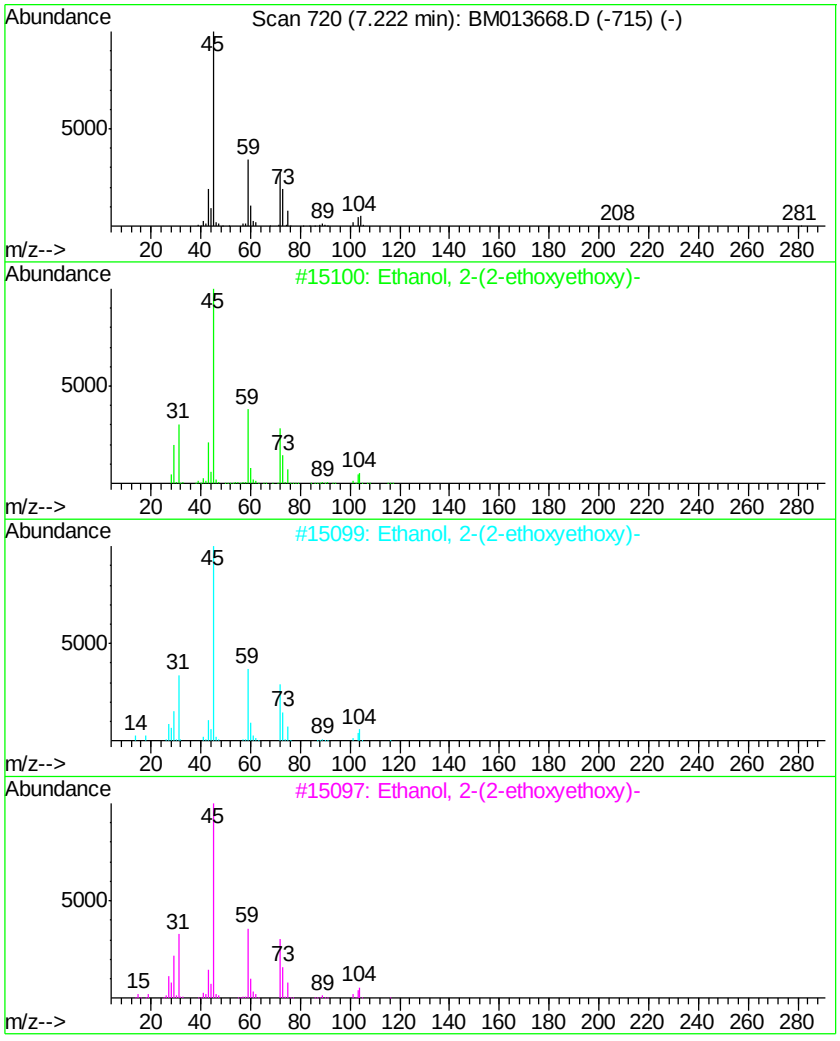
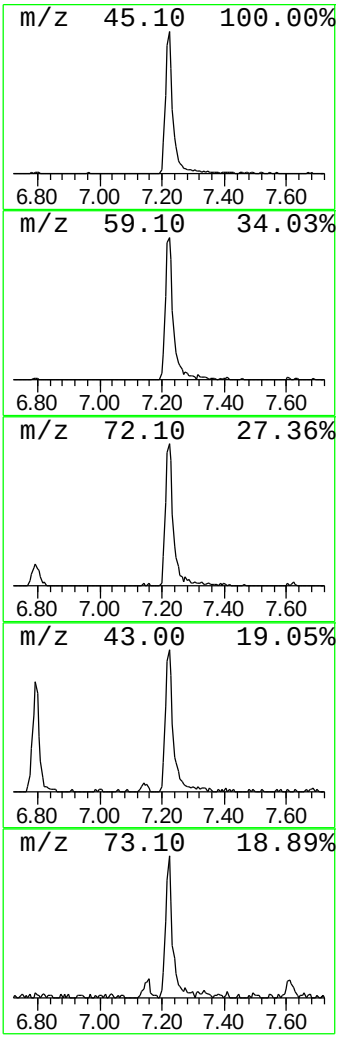
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	9.94 ng/ul	435464	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
4	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013668.D
Acq On : 19 Jan 2018 17:15
Operator : SJ/JU
Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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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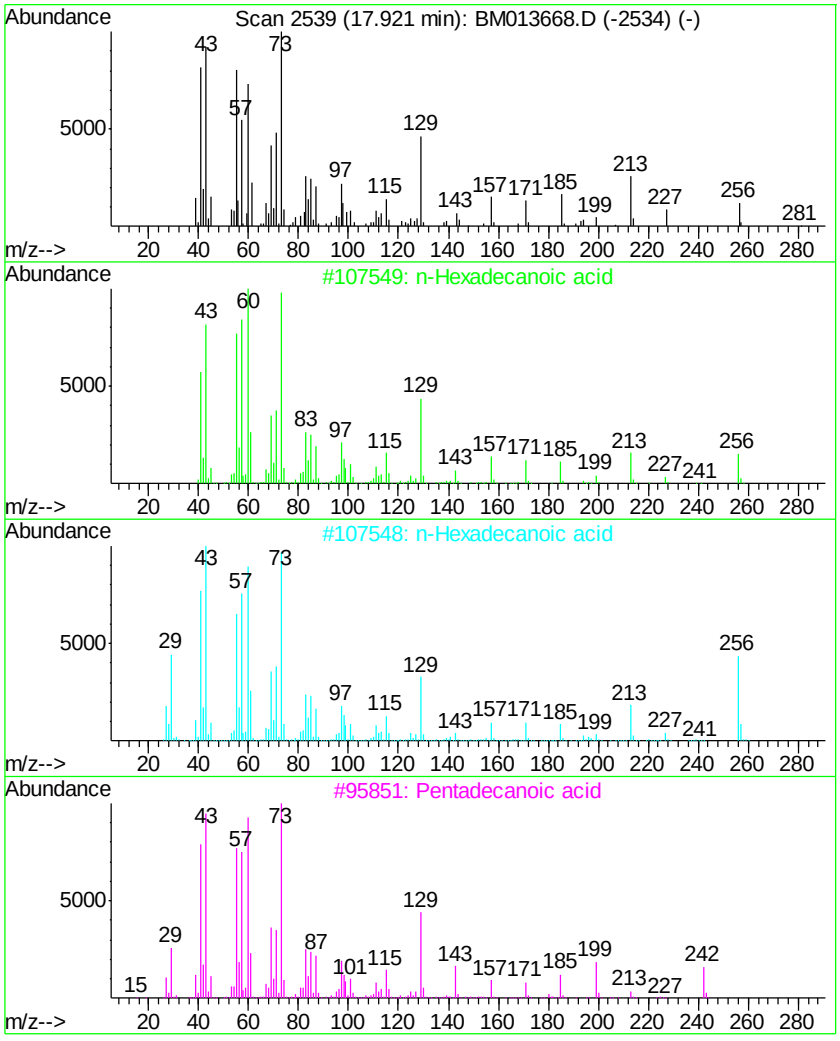
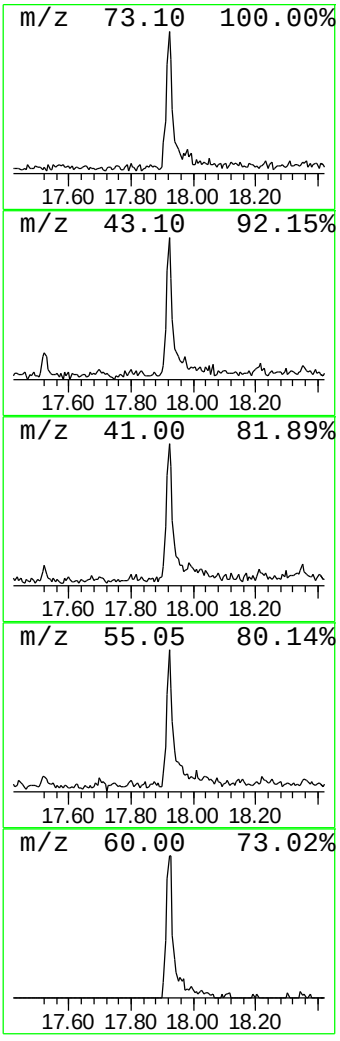
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.15 ng/ul	351396	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
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Acq On : 19 Jan 2018 17:15
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Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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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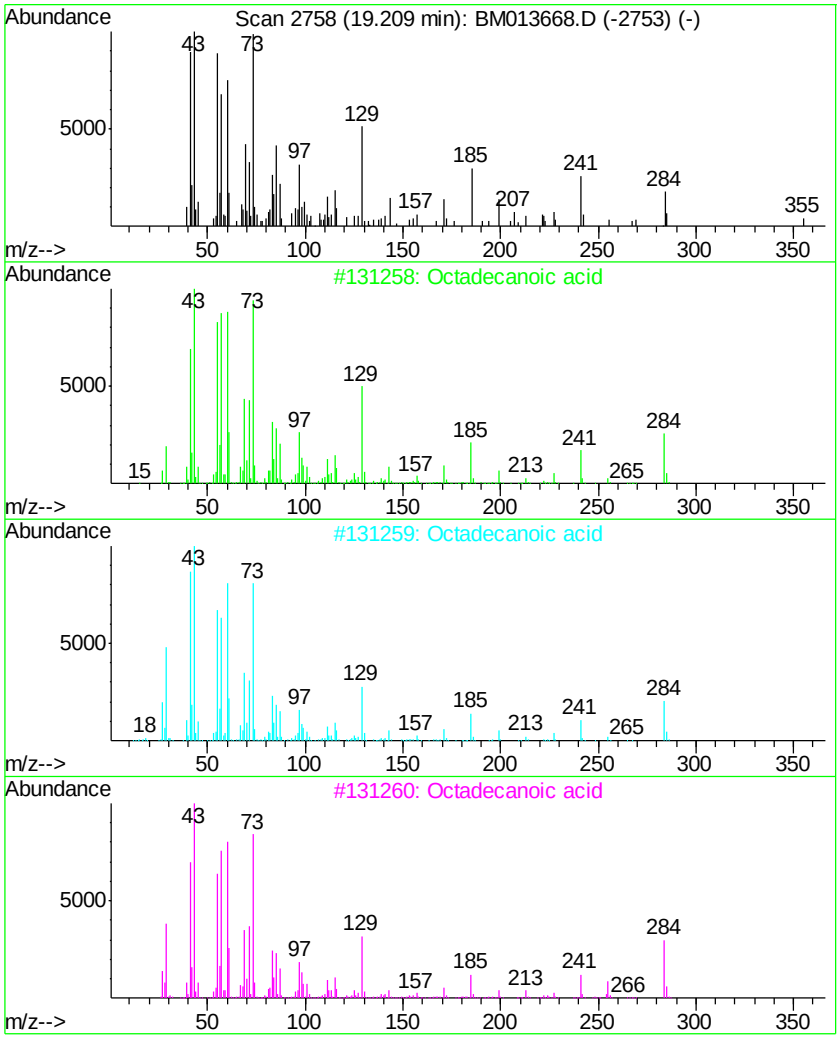
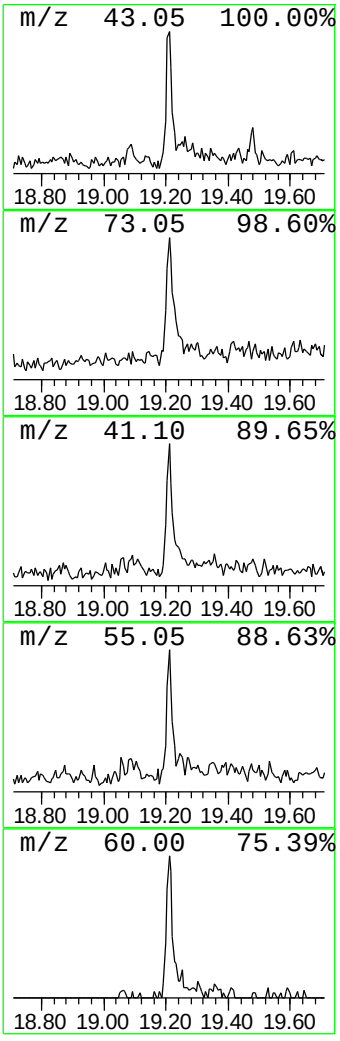
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.21 ng/ul	213182	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Sample : J1141-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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

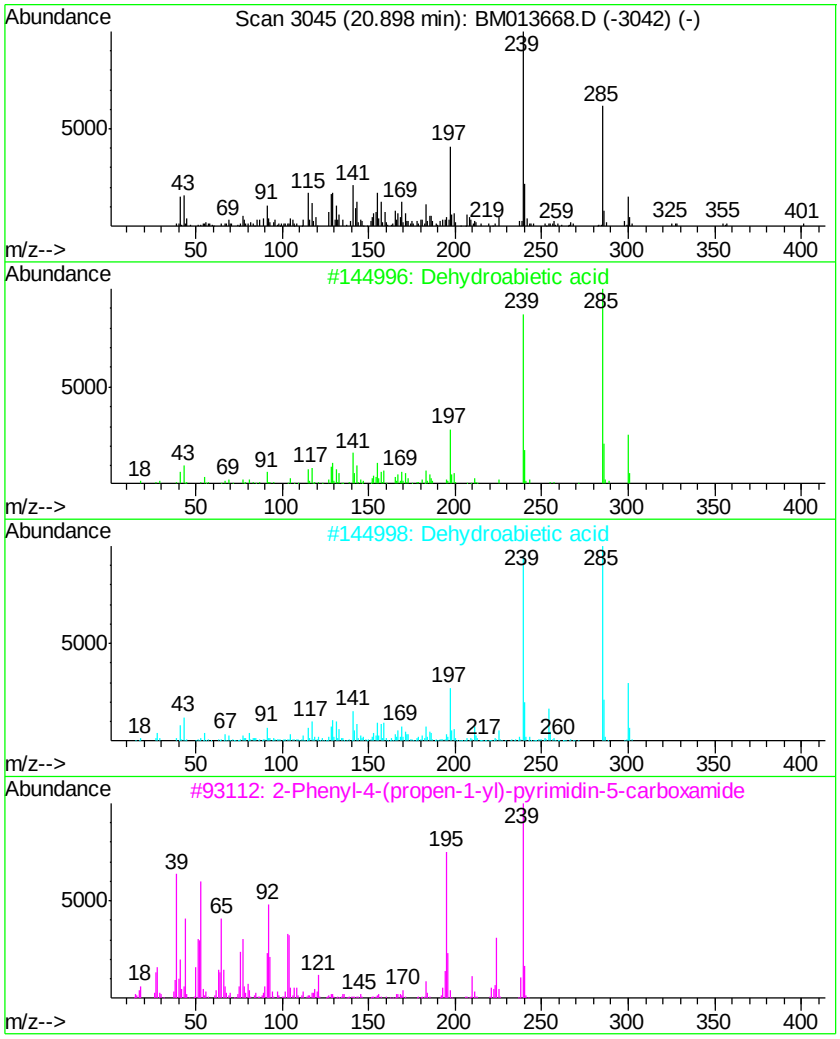
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

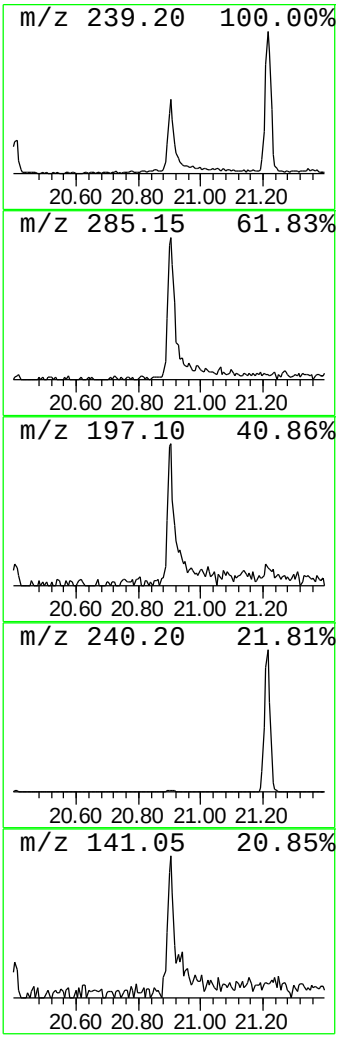
****

Peak Number 5 Dehydroabietic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.06 ng/ul	391698	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	90
3	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1000287-21-7	86
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	81
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	70





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP4

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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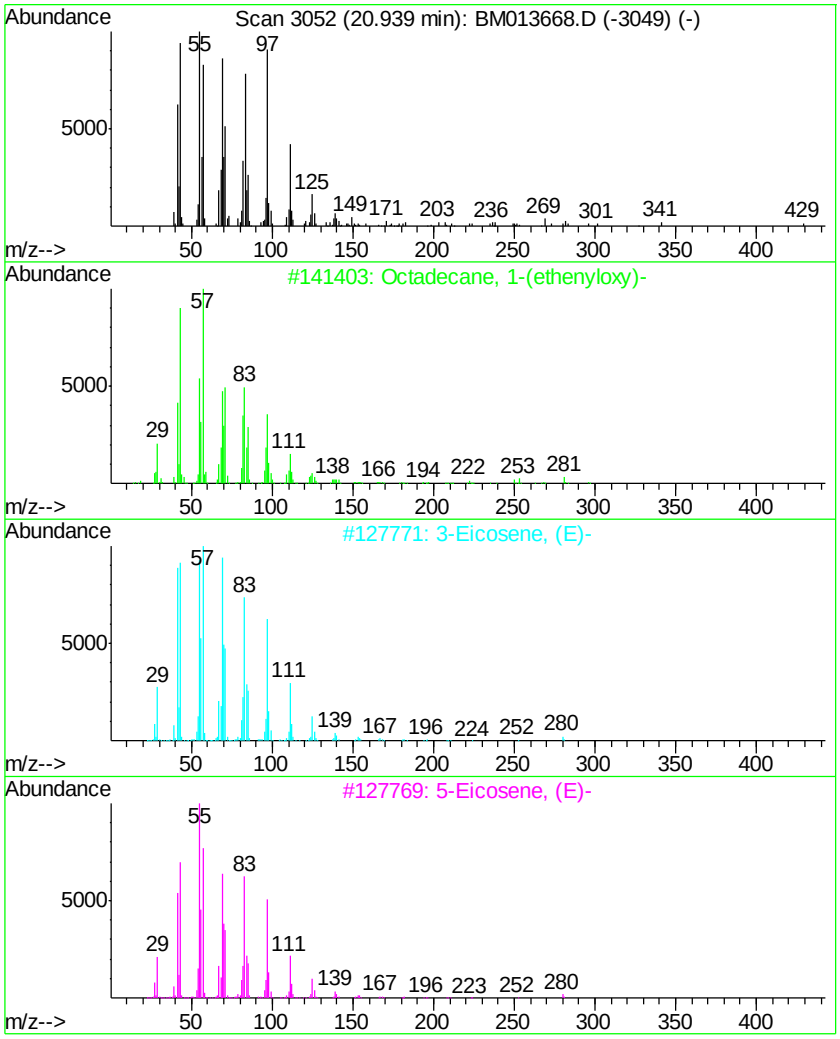
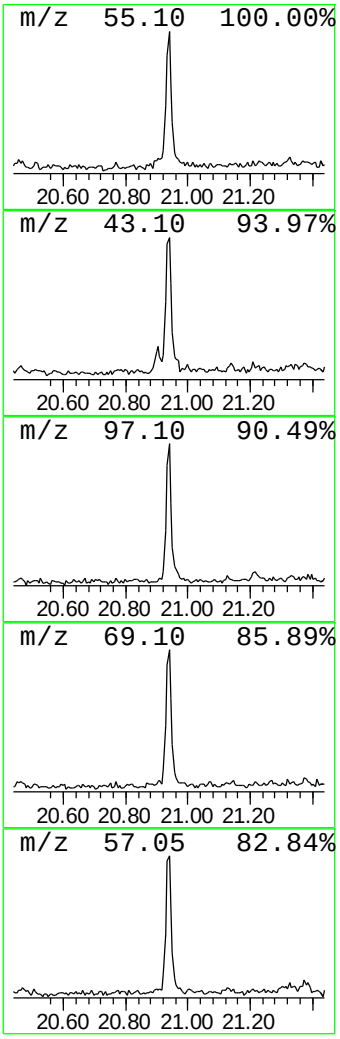
Peak Number 6 Octadecane, 1-(ethenyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.19 ng/ul	500843	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	70
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011918\
Data File : BM013668.D
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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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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	6.30	3.0	ng/ul	133094	1	7.61	876309	20.0
Ethanol, 2-(2-eth...	7.22	9.9	ng/ul	435464	1	7.61	876309	20.0
n-Hexadecanoic acid	17.92	4.2	ng/ul	351396	4	17.02	1693020	20.0
Octadecanoic acid	19.21	2.2	ng/ul	213182	5	21.22	1929490	20.0
Dehydroabietic acid	20.90	4.1	ng/ul	391698	5	21.22	1929490	20.0
Octadecane, 1-(et...	20.94	5.2	ng/ul	500843	5	21.22	1929490	20.0