LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

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-BM032818MA.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	4.005	65	71	81	rVB	443403	656449	5.71%	0.450%
2	4.299	115	121	129	rVB	300961	439972	3.82%	0.302%
3	4.857	211	216	221	rBV	332455	495061	4.30%	0.339%
4	5.399	302	308	312	rBV	76770	125354	1.09%	0.086%
5	5.593	336	341	345	rBV	110112	162552	1.41%	0.111%
6	5.646	345	350	363	rVB	275413	494212	4.30%	0.339%
7	5.940	395	400	409	rVB	140905	217205	1.89%	0.149%
8	6.581	504	509	513	rBV	118279	202033	1.76%	0.139%
9	6.622	513	516	525	rVB	111464	168453	1.46%	0.115%
10	7.004	575	581	585	rBV	105875	162245	1.41%	0.111%
11	7.416	645	651	661	rVB5	35787	123991	1.08%	0.085%
12	7.557	668	675	686	rVB	133081	255677	2.22%	0.175%
13	7.687	690	697	703	rBV	487162	817325	7.10%	0.560%
14	7.869	721	728	740	rBV	1583168	2615292	22.73%	1.793%
15	8.087	757	765	775	rBV	1718063	2896001	25.17%	1.985%
16	8.569	840	847	853	rBV	1653729	2713207	23.58%	1.860%
17	9.263	959	965	975	rVB	1396125	2360406	20.52%	1.618%
18	9.581	1012	1019	1027	rBV	158462	321640	2.80%	0.221%
19	9.687	1027	1037	1041	rBV6	67502	197552	1.72%	0.135%
20	9.751	1041	1048	1055	rBV	2050619	3530088	30.68%	2.420%
21	10.269	1129	1136	1141	rBV5	65197	175485	1.53%	0.120%
22	10.381	1148	1155	1165	rVB4	221984	532901	4.63%	0.365%
23	10.481	1165	1172	1187	rVB	1630737	2940351	25.56%	2.016%
24	10.622	1187	1196	1199	rBV7	44847	123149	1.07%	0.084%
25	11.016	1256	1263	1270	rBV	2456327	4234852	36.81%	2.903%
26	11.086	1270	1275	1282	rVB8	74657	189642	1.65%	0.130%
27	11.216	1289	1297	1301	rBV4	229462	508341	4.42%	0.349%
28	11.286	1301	1309	1320	rVB6	311827	1039441	9.03%	0.713%
29	11.416	1320	1331	1343	rVB	2380134	4386840	38.13%	3.007%
30	11.533	1343	1351	1356	rBV4	403321	902888	7.85%	0.619%
31	11.592	1356	1361	1366	rVB6	77664	160009	1.39%	0.110%
32	11.763	1384	1390	1395	rBV2	310213	597647	5.19%	0.410%
33	11.822	1395	1400	1406	rVB3	225876	419831	3.65%	0.288%
34	11.969	1420	1425	1431	rVB5	57189	133525	1.16%	0.092%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

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-BM032818MA.M
Title : SVOA CALIBRATION

35	12.104	1440	1448	1454	rBV6	169164	414087	3.60%	0.284%
36	12.222	1454	1468	1477	rBV7	136043	529084	4.60%	0.363%
37	12.422	1495	1502	1512	rVB	588590	1186901	10.32%	0.814%
38	12.522	1515	1519	1524	rBV6	66761	117843	1.02%	0.081%
39	12.580	1524	1529	1533	rVB7	70152	118019	1.03%	0.081%
40	13.033	1602	1606	1611	rVB5	124376	198509	1.73%	0.136%
41	13.104	1611	1618	1629	rVB5	347283	764353	6.64%	0.524%
42	13.222	1630	1638	1643	rBV4	414308	1040435	9.04%	0.713%
43	13.275	1643	1647	1651	rVB3	167852	267151	2.32%	0.183%
44	13.439	1670	1675	1679	rBV3	225200	485830	4.22%	0.333%
45	13.651	1706	1711	1713	rBV2	193658	352238	3.06%	0.241%
46	13.910	1751	1755	1760	rVB	230528	332584	2.89%	0.228%
47	13.963	1760	1764	1767	rBV3	168803	270191	2.35%	0.185%
48	14.004	1767	1771	1775	rVV	288846	386008	3.36%	0.265%
49	14.139	1787	1794	1805	rVB2	582812	1372868	11.93%	0.941%
50	14.351	1825	1830	1833	rBV4	161355	280023	2.43%	0.192%
51	14.557	1859	1865	1872	rBV	4873068	8491788	73.81%	5.822%
52	14.621	1872	1876	1884	rVB2	1392289	2325185	20.21%	1.594%
53	14.774	1898	1902	1907	rVB3	202565	314257	2.73%	0.215%
54	14.869	1909	1918	1926	rVV	5316952	8570490	74.49%	5.876%
55	14.939	1927	1930	1941	rVB3	290535	630031	5.48%	0.432%
56	15.080	1946	1954	1959	rBV	531705	908042	7.89%	0.623%
57	15.169	1961	1969	1977	rBV2	3396829	5587660	48.57%	3.831%
58	15.321	1989	1995	2001	rBV3	818039	1328630	11.55%	0.911%
59	15.380	2001	2005	2014	rVB3	294651	675407	5.87%	0.463%
60	15.463	2016	2019	2022	rBV3	111878	160437	1.39%	0.110%
61	15.610	2040	2044	2049	rBV4	223961	447361	3.89%	0.307%
62	15.668	2050	2054	2056	rVV2	323421	460376	4.00%	0.316%
63	15.716	2056	2062	2077	rVV2	2516857	5521762	47.99%	3.786%
64	15.833	2078	2082	2087	rVB2	314256	458884	3.99%	0.315%
65	16.063	2117	2121	2127	rVB	438820	659912	5.74%	0.452%
66	16.145	2129	2135	2141	rVV	6473280	9523779	82.78%	6.529%
67	16.239	2145	2151	2156	rVB	2213763	3188648	27.71%	2.186%
68	16.515	2195	2198	2207	rVB6	204257	440818	3.83%	0.302%
69	16.610	2210	2214	2217	rBV	537702	883041	7.68%	0.605%
70	16.945	2268	2271	2275	rVB	281695	373863	3.25%	0.256%
71	17.880	2424	2430	2436	rVB	4221369	6247893	54.30%	4.283%

LSC Area Percent Report

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Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

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-BM032818MA.M
Title : SVOA CALIBRATION

72	17.974	2441	2446	2453	rVB	6814998	9891066	85.97%	6.781%
73	18.709	2568	2571	2579	rBV2	390587	502700	4.37%	0.345%
74	19.945	2778	2781	2787	rBV	395479	494193	4.30%	0.339%
75	20.209	2821	2826	2833	rVB	8412030	11505331	100.00%	7.888%
76	21.962	3119	3124	3131	rVB	5303814	6964638	60.53%	4.775%
77	24.315	3516	3524	3534	rVB2	4570224	9882805	85.90%	6.775%
78	24.474	3544	3551	3563	rVB2	2832781	6009405	52.23%	4.120%

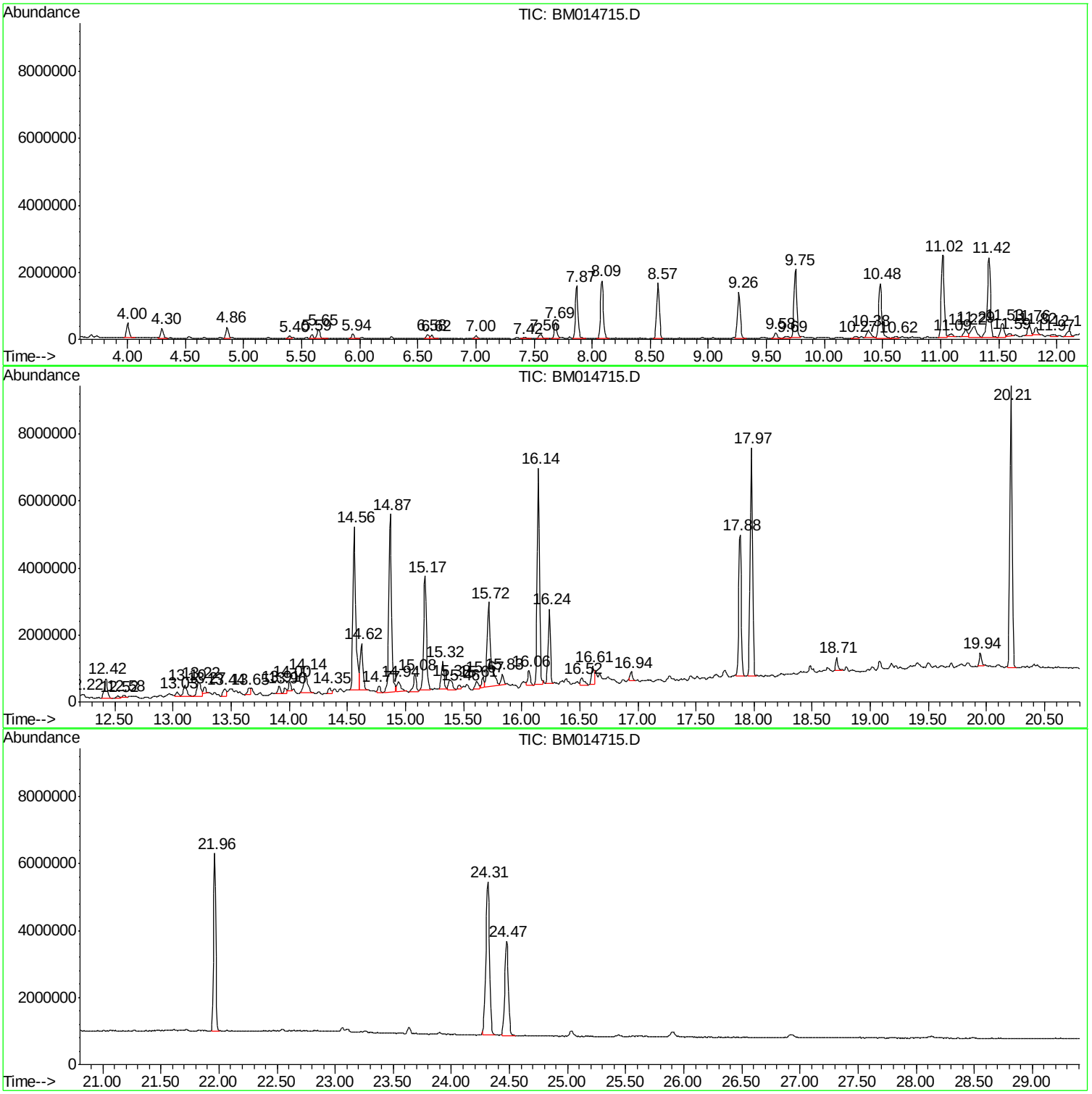
Sum of corrected areas: 145864143

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

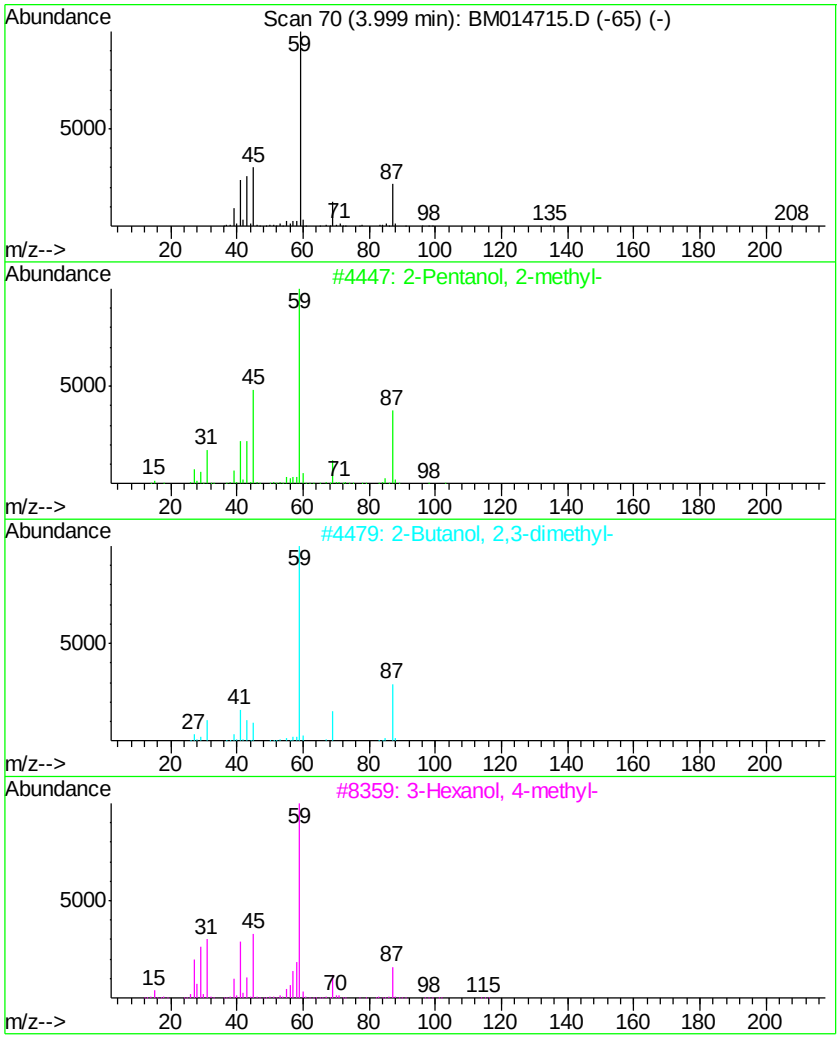
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

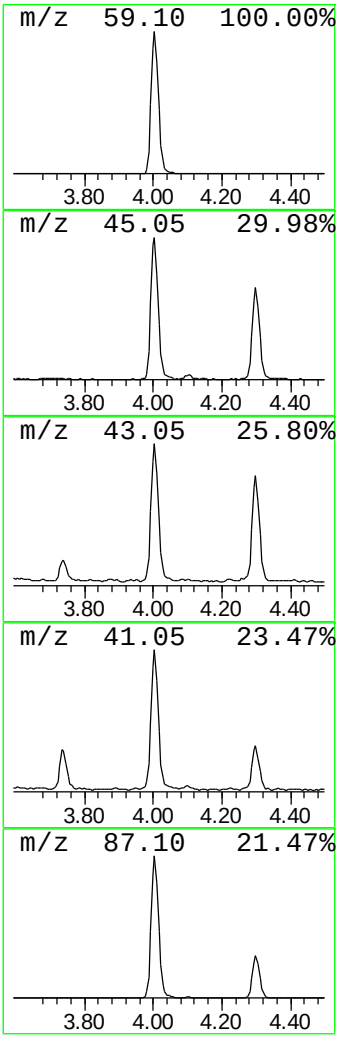
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	4.84 ng/ul	656449	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	78
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	78
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	74
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

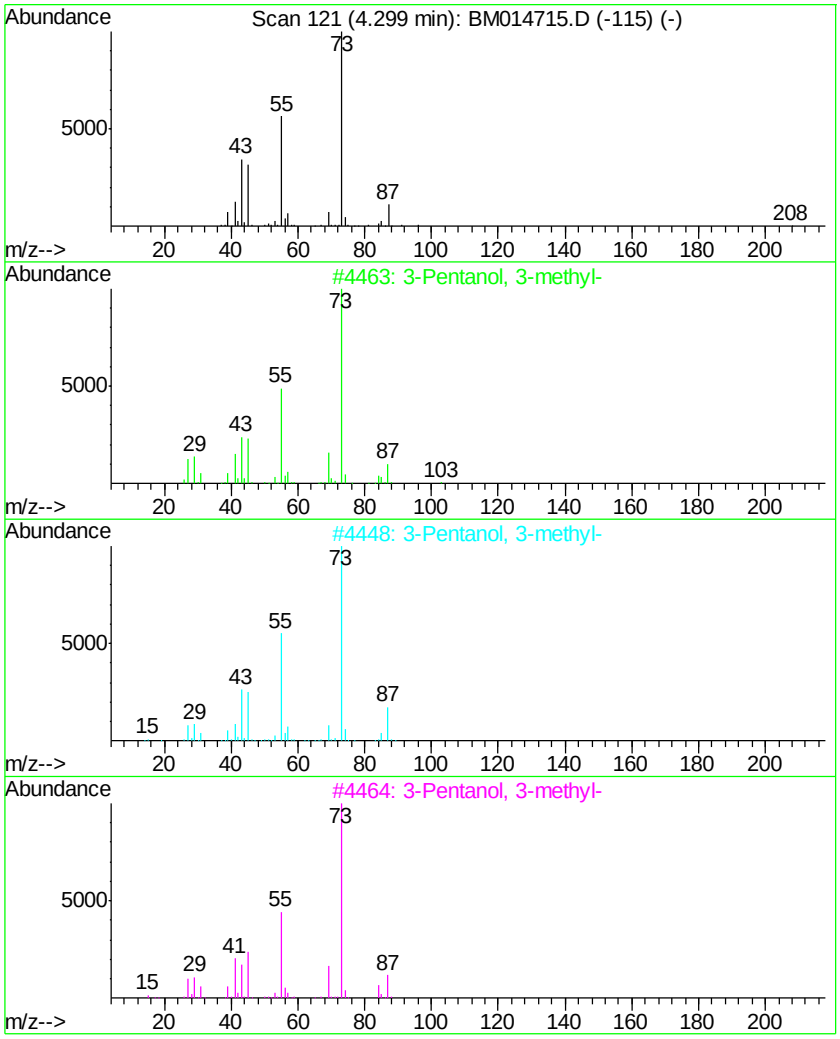
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

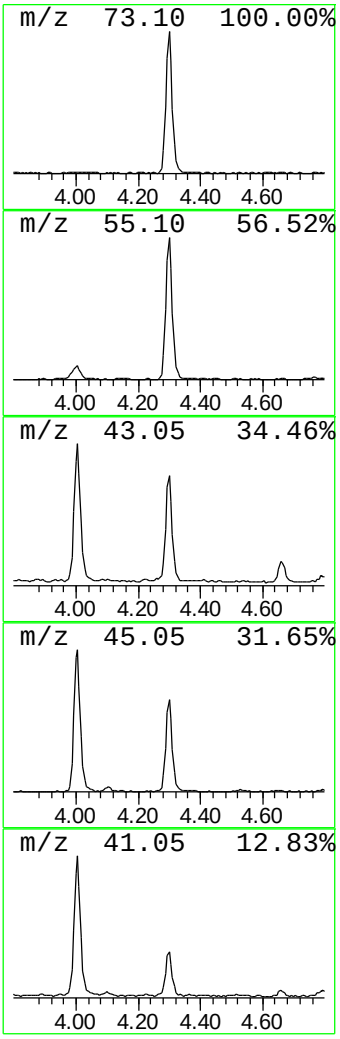
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.24 ng/ul	439972	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	53
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	40
5	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	37





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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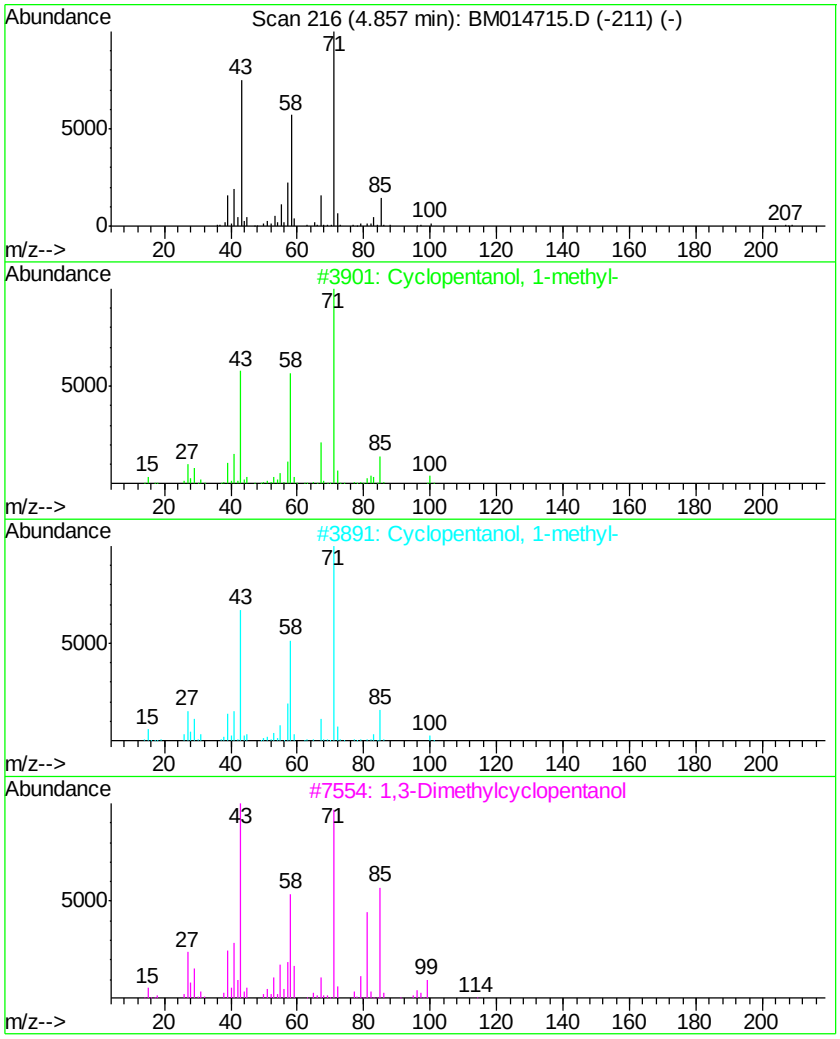
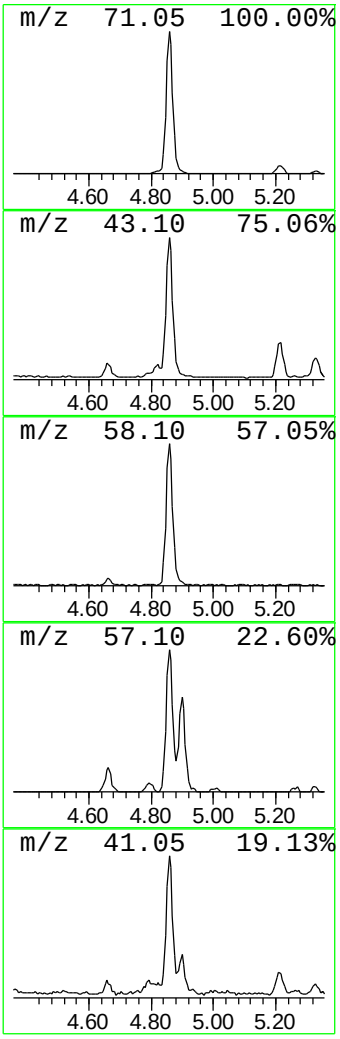
Peak Number 3 Cyclopentanol, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.65 ng/ul	495061	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	90
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	83
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
4	Oxirane, pentyl-	114	C7H14O	005063-65-0	56
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	47





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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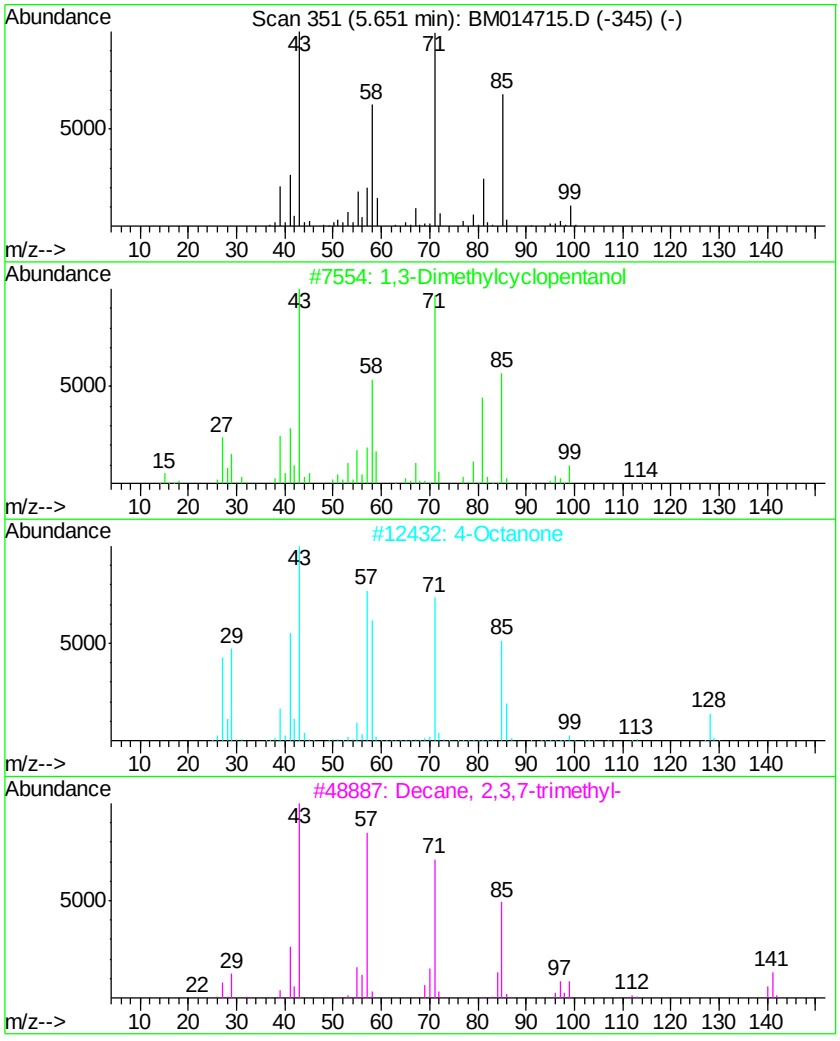
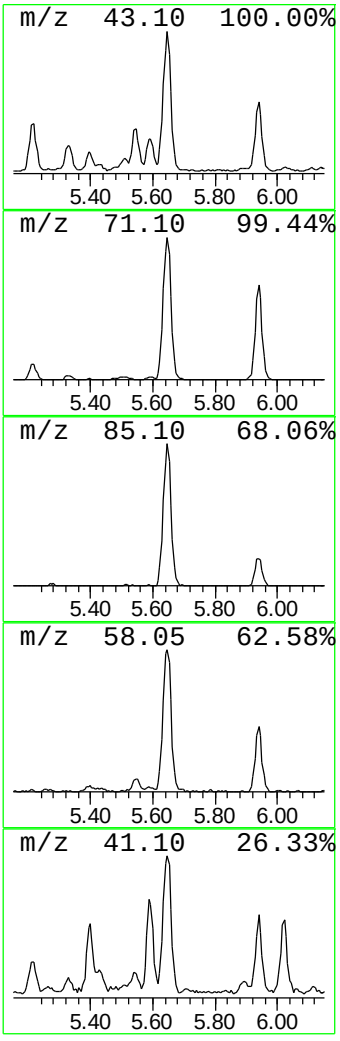
Peak Number 4 1,3-Dimethylcyclopentanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	3.64 ng/ul	494212	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	94
2	4-Octanone	128	C8H16O	000589-63-9	56
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	53
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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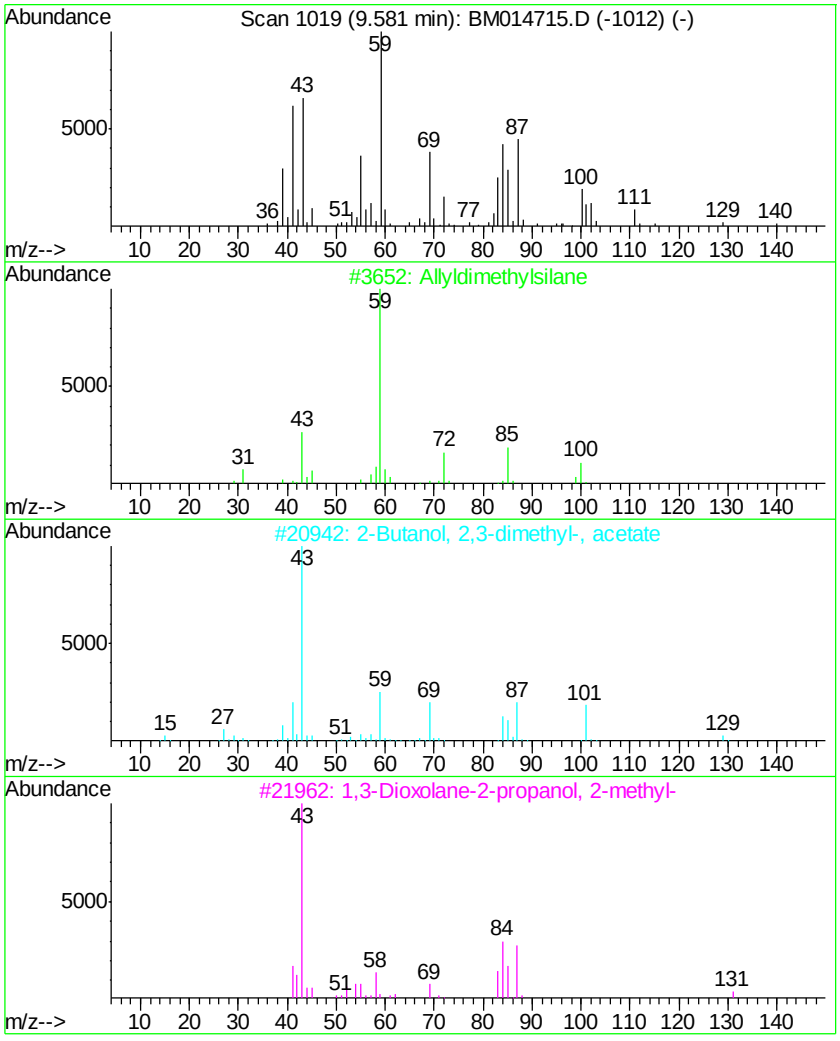
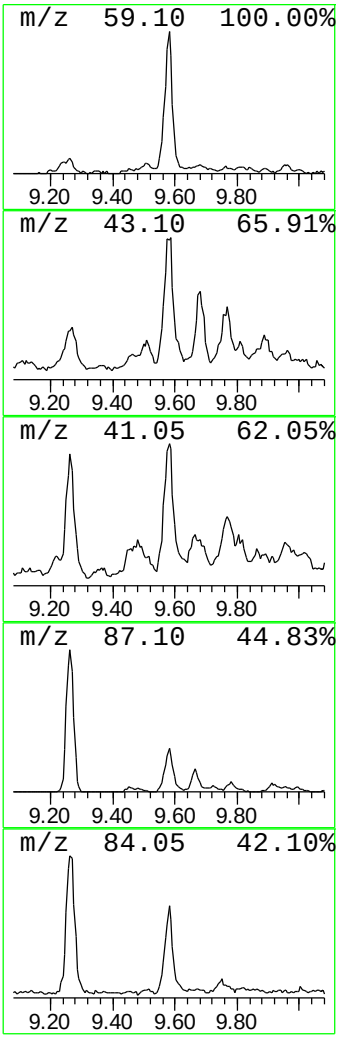
Peak Number 5 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.37 ng/ul	321640	1,4-Dichlorobenzene-d4	8.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyldimethylsilane	100	C5H12Si	003937-30-2	38
2	2-Butanol, 2,3-dimethyl-, acetate	144	C8H16O2	004806-33-1	32
3	1,3-Dioxolane-2-propanol, 2-methyl-	146	C7H14O3	029021-98-5	32
4	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	32
5	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

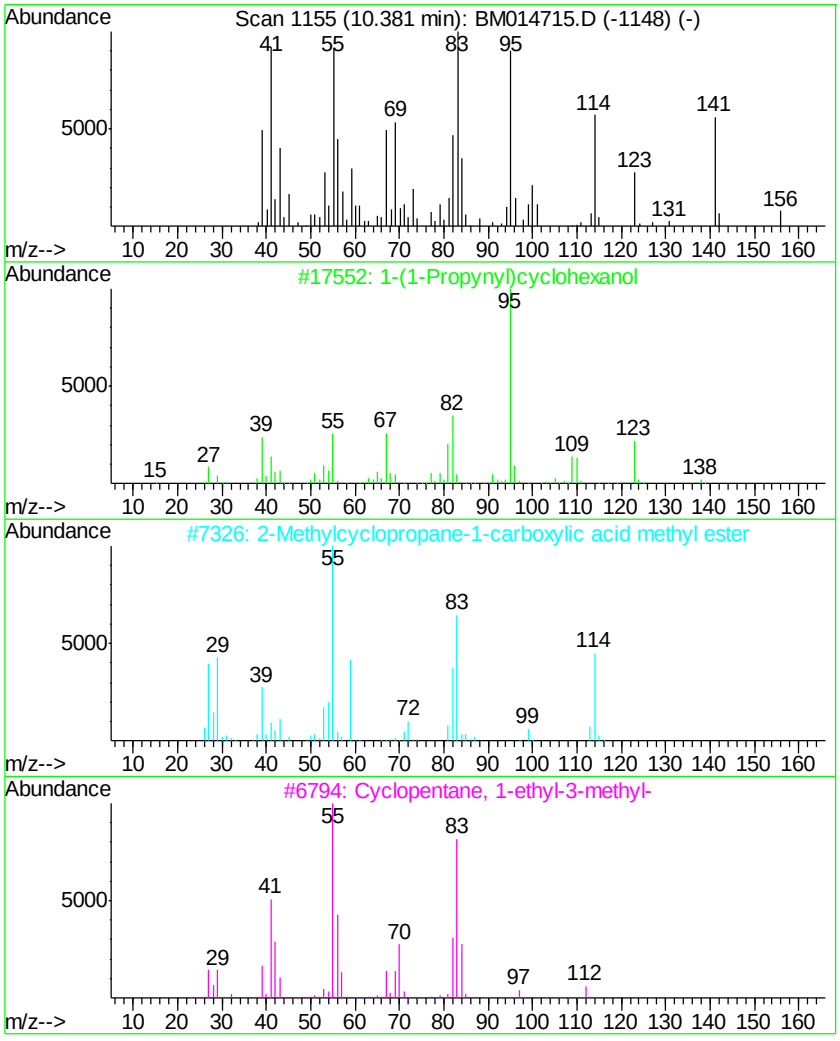
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

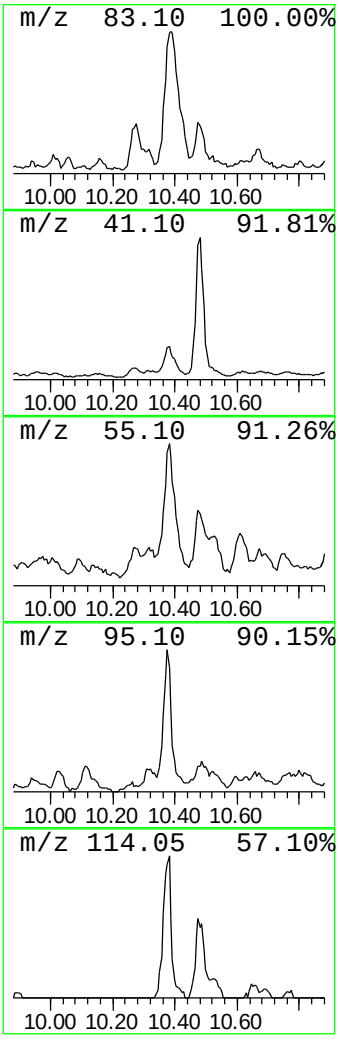
****

Peak Number 6 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.43 ng/ul	532901	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	35
2	2-Methylcyclopropane-1-carboxyli...	114	C6H10O2	1000222-09-8	30
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	22
4	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	22
5	2-Butenoic acid, 3-methyl-, meth...	114	C6H10O2	000924-50-5	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

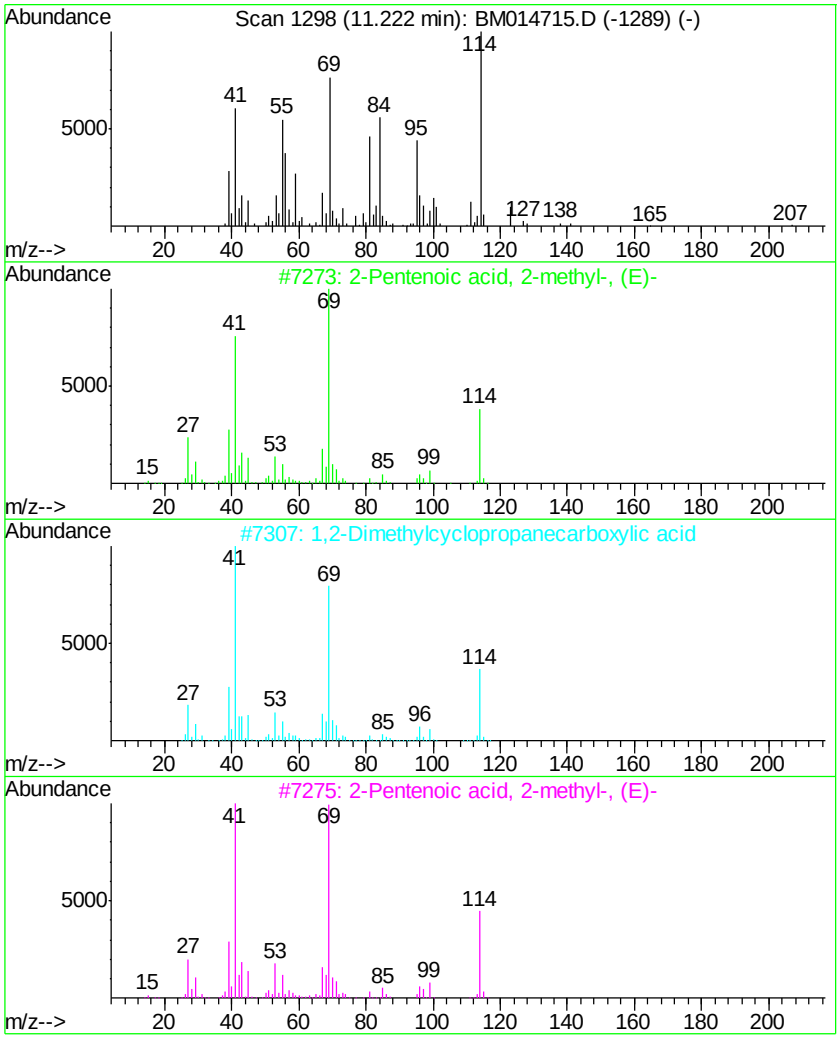
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

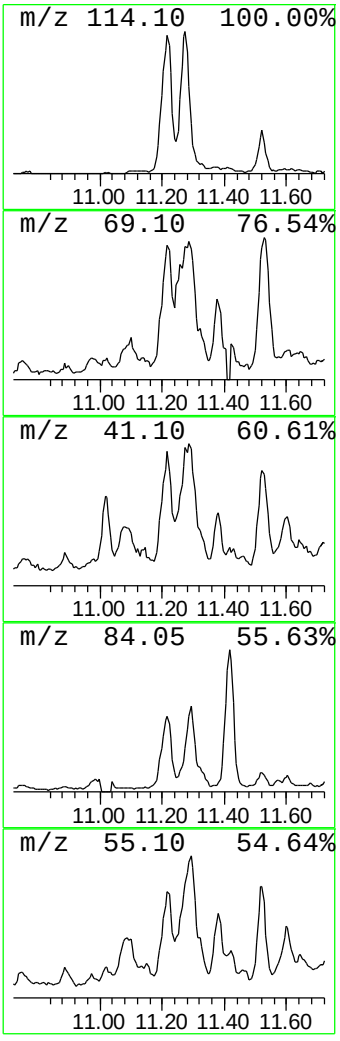
****

Peak Number 7 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.32 ng/ul	508341	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	46
2	1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	46
3	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	46
4	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	43
5	D-Campholic acid	170	C10H18O2	031147-56-5	38





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Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

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Quant Title : SVOA CALIBRATION

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

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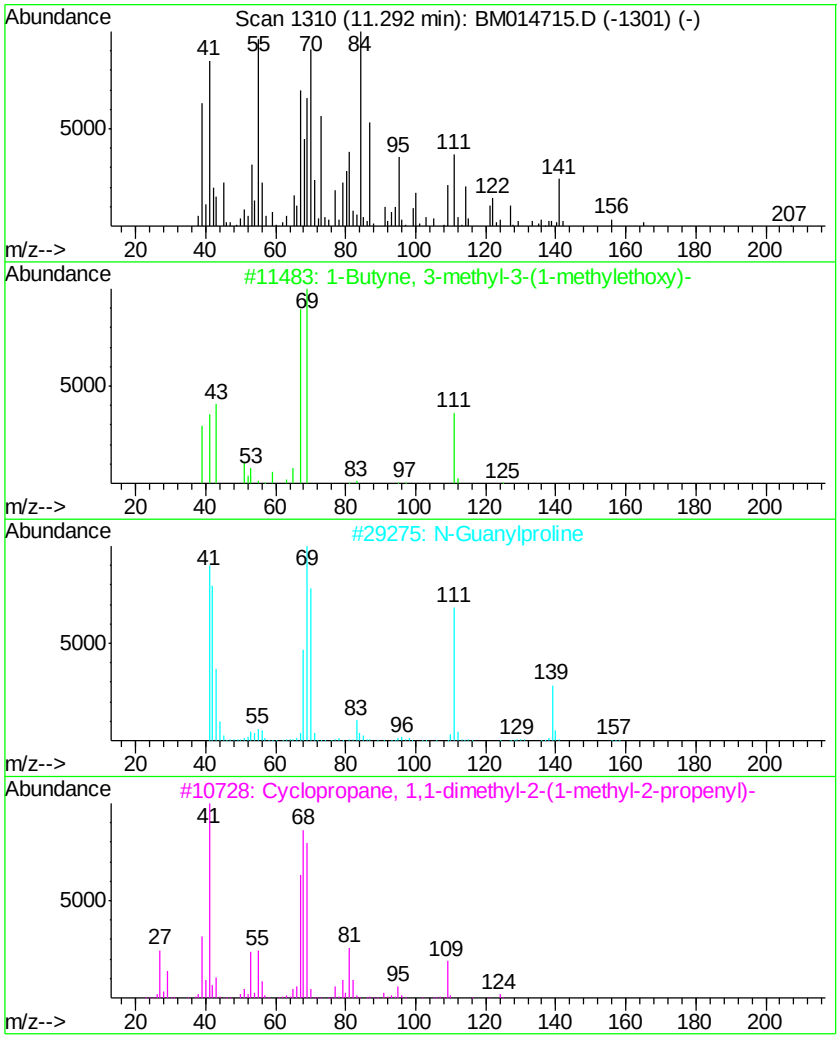
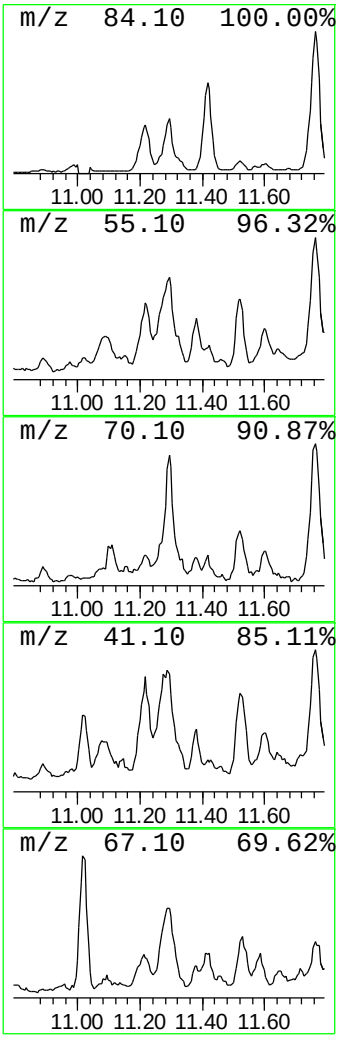
Peak Number 8 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.74 ng/ul	1039440	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-methyl-3-(1-methylet...	126	C8H14O	053907-63-4	22
2	N-Guanylproline	157	C6H11N3O2	1000130-31-0	22
3	Cyclopropane, 1,1-dimethyl-2-(1-...	124	C9H16	074779-84-3	18
4	Cyclopropanecarboxamidine	84	C4H8N2	054070-74-5	18
5	2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	18





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Instrument : BNA_M
ClientSampleId : F1A36

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Quant Title : SVOA CALIBRATION

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

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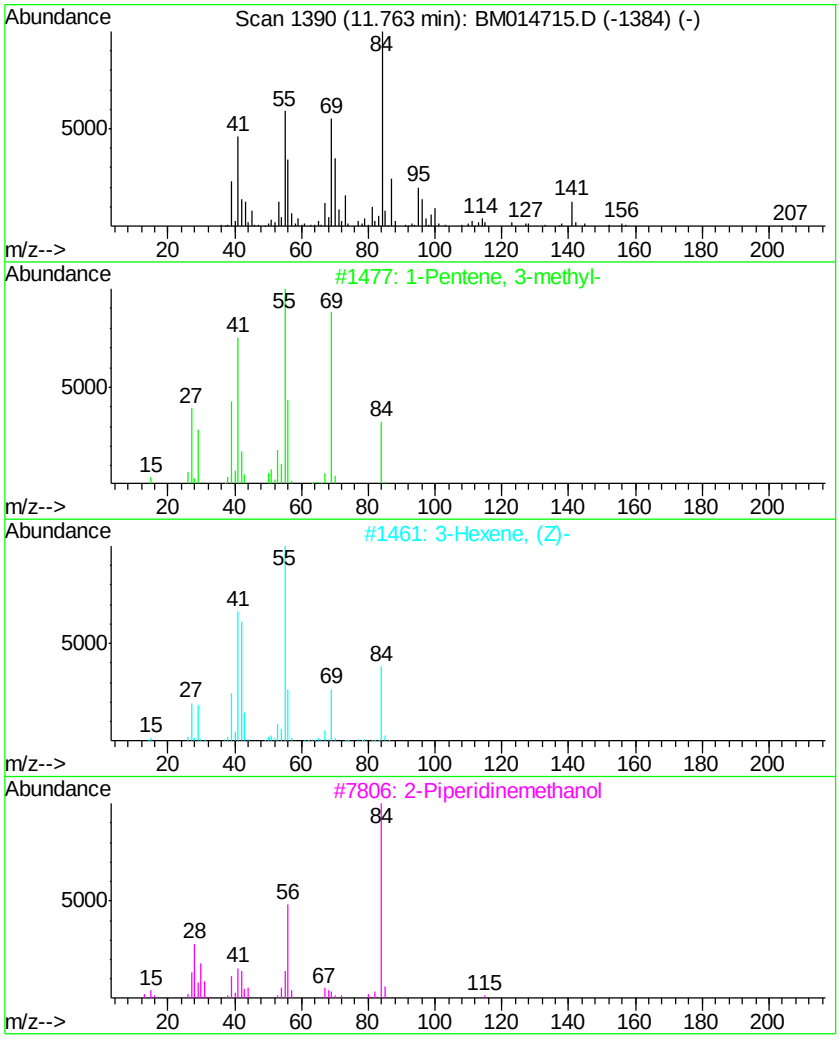
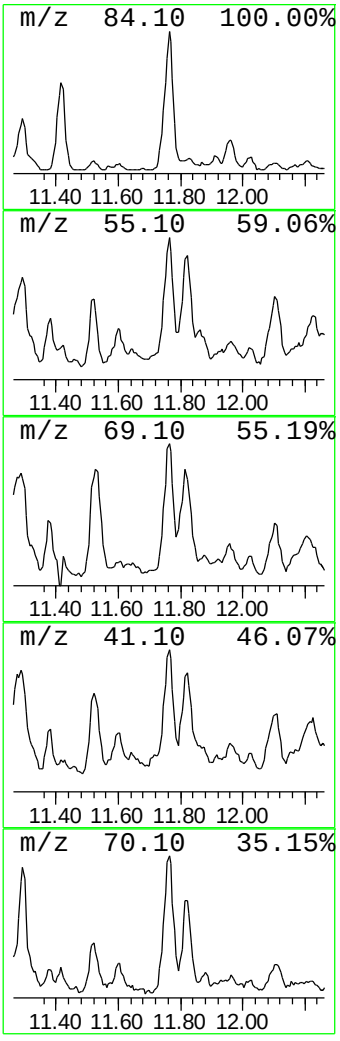
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.72 ng/ul	597647	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38
2	3-Hexene, (Z)-	84	C6H12	007642-09-3	38
3	2-Piperidinemethanol	115	C6H13NO	003433-37-2	38
4	Benzene-D6	84	C6D6	001076-43-3	38
5	Pelletierine	141	C8H15NO	004396-01-4	38





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Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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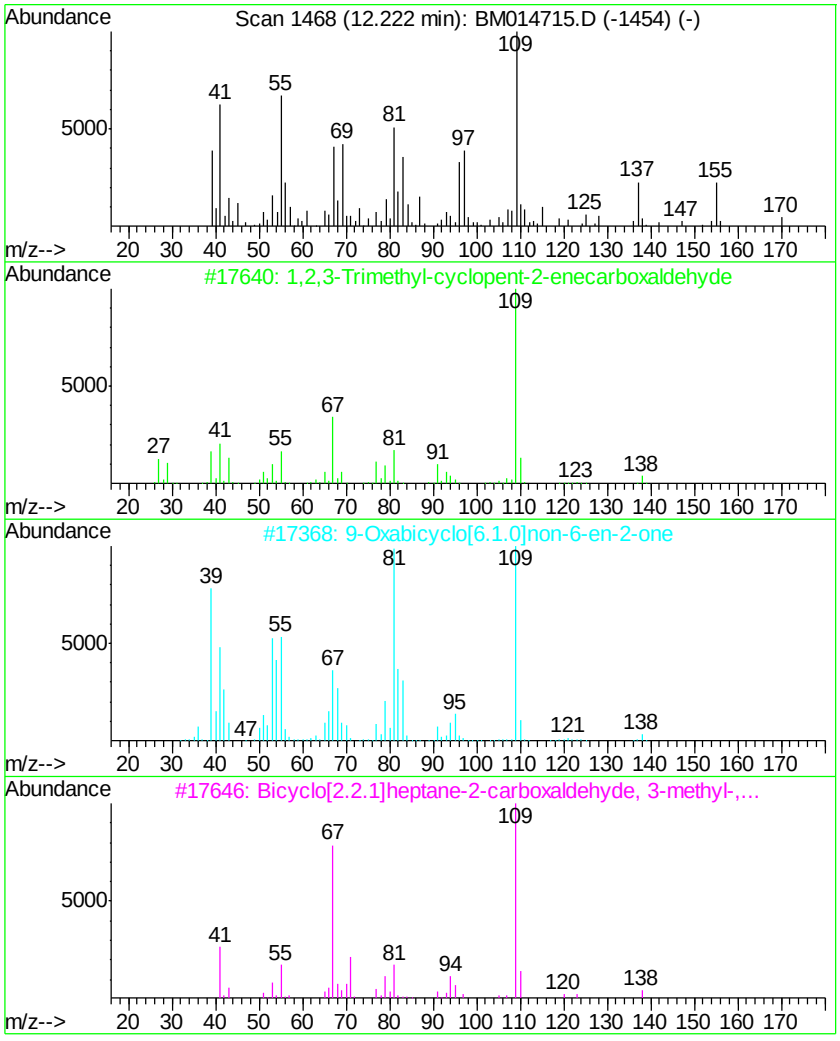
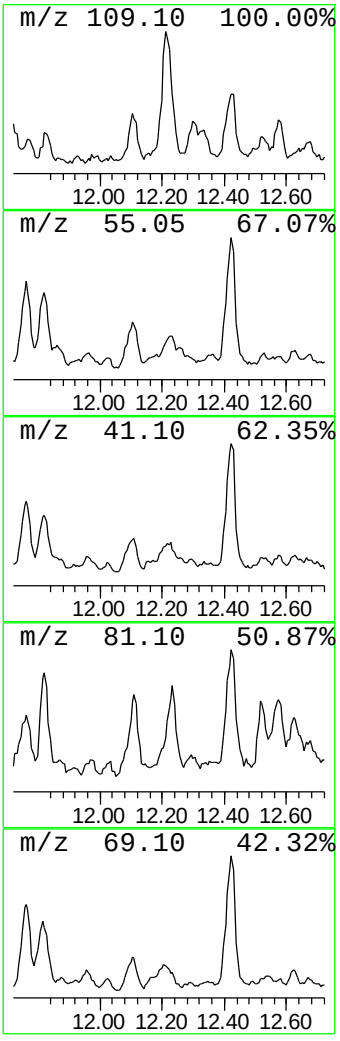
Peak Number 10 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.41 ng/ul	529084	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	45
2	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	42
3	Bicyclo[2.2.1]heptane-2-carboxal...	138	C9H14O	015780-36-6	38
4	4-Pyrimidinamine, 6-methyl-	109	C5H7N3	003435-28-7	35
5	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	35





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Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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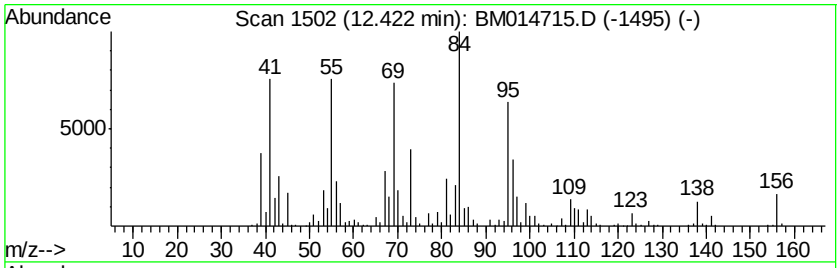
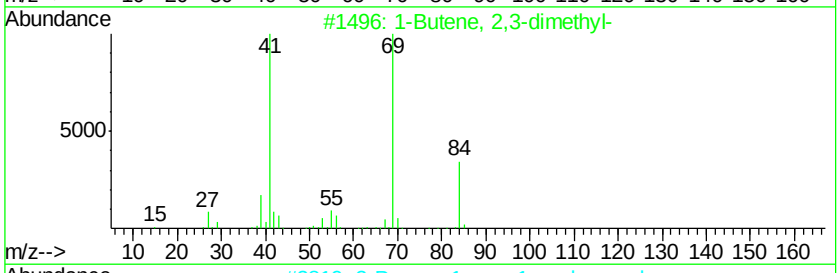
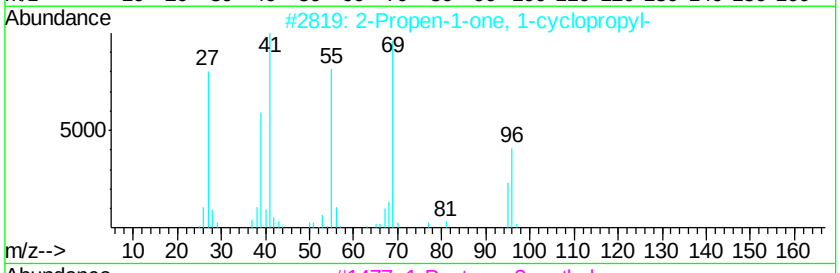
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

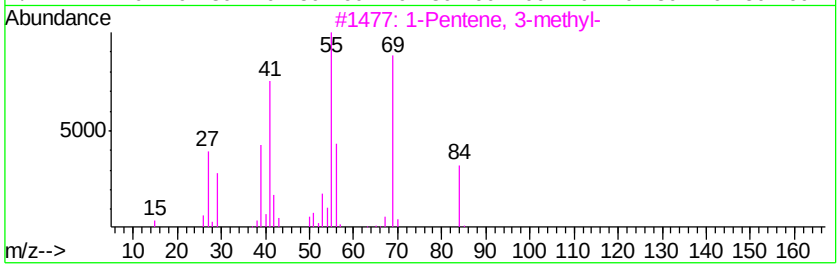
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.41 ng/ul	1186900	Naphthalene-d8	11.42

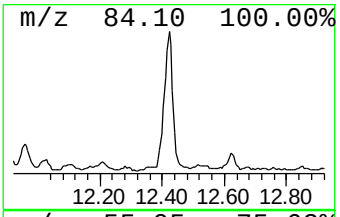
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	46
2	2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	30
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	27
4	Methacrylic acid, ethyl ester	114	C6H10O2	000097-63-2	25
5	Piperidine, 1-hydroxy-2,2,6,6-te...	156	C9H18NO	069508-02-7	25

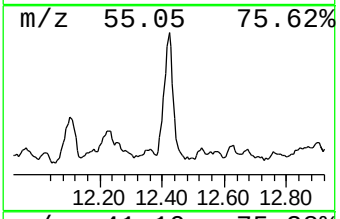


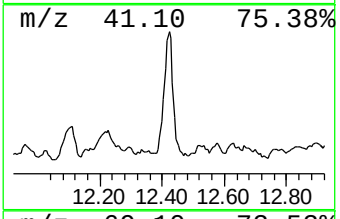


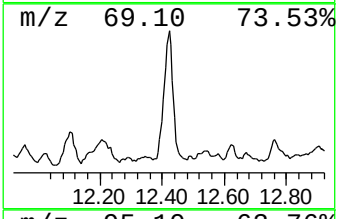


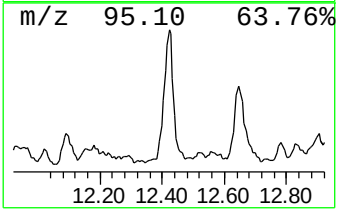












Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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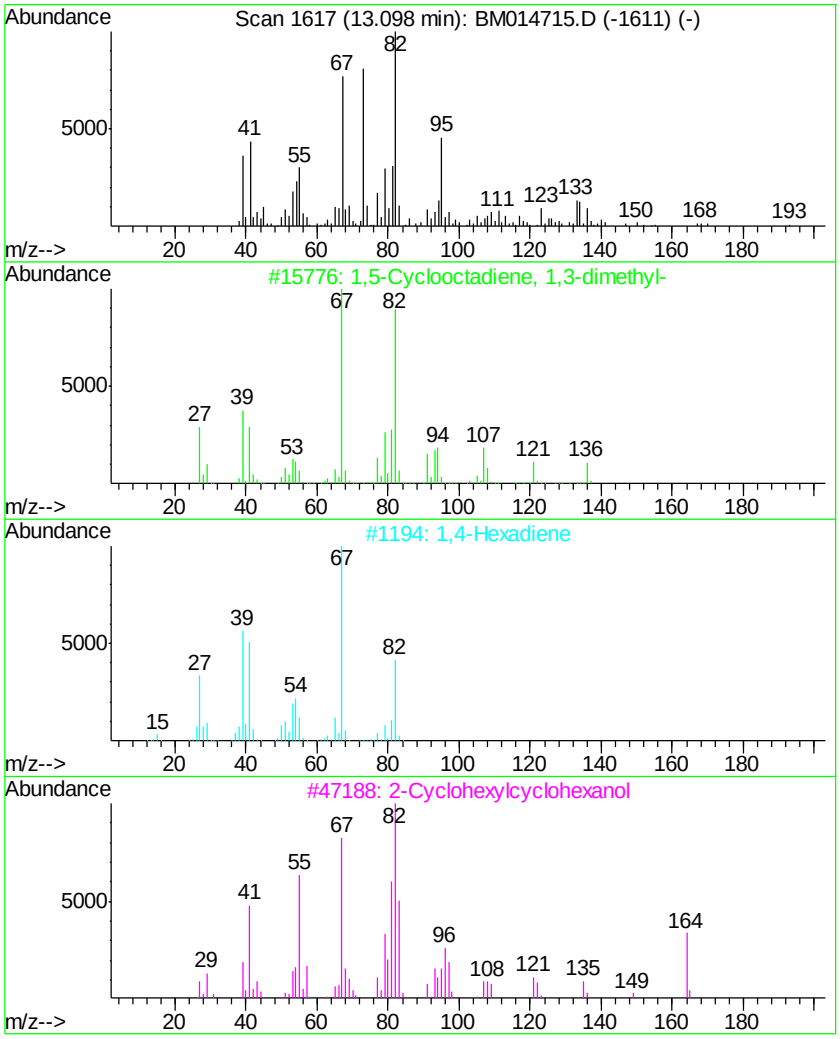
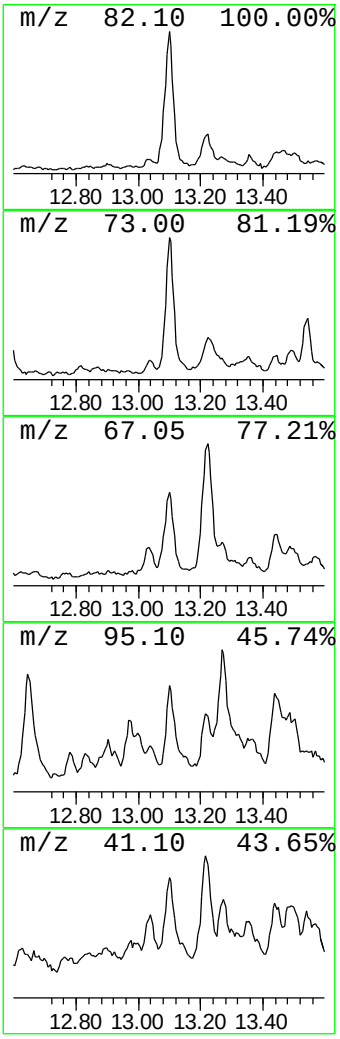
Peak Number 12 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.48 ng/ul	764353	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene, 1,3-dimethyl-	136	C10H16	1000155-79-2	46
2	1,4-Hexadiene	82	C6H10	000592-45-0	43
3	2-Cyclohexylcyclohexanol	182	C12H22O	006531-86-8	43
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43





Library Search Compound Report

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Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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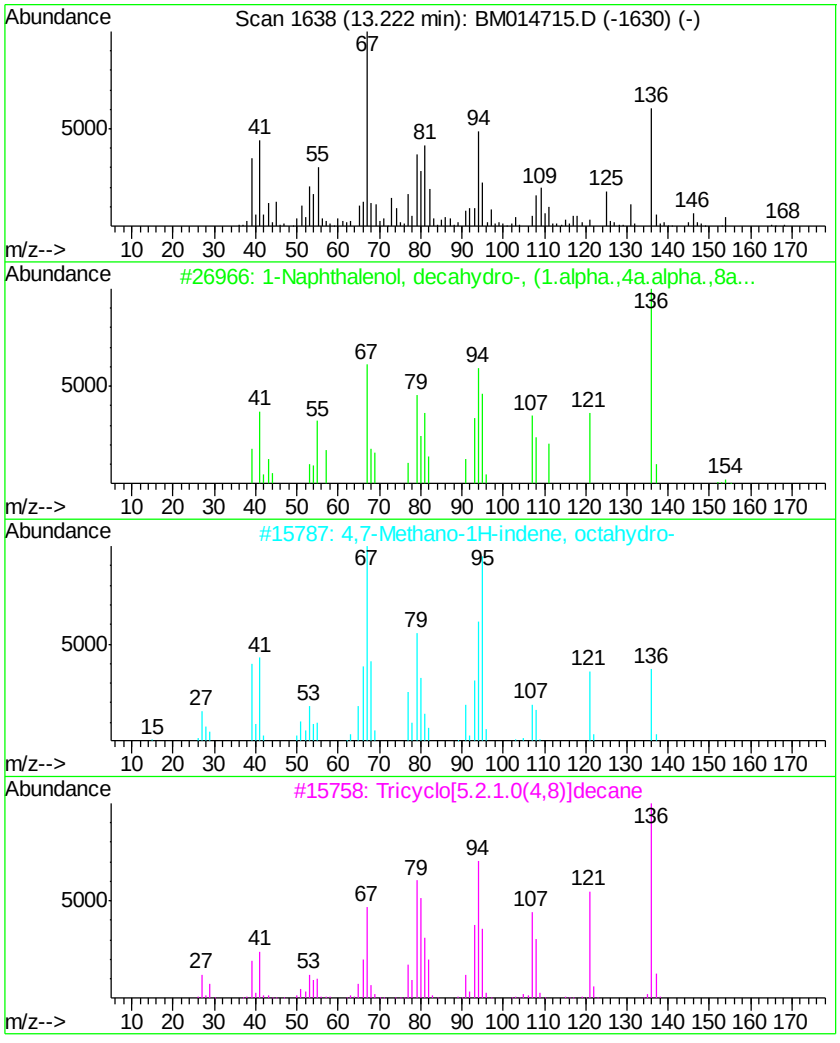
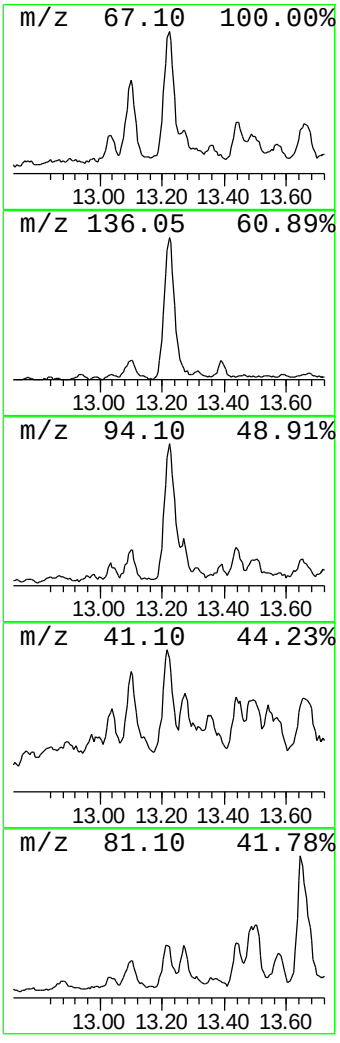
Peak Number 13 1-Naphthalenol, decahydro-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.74 ng/ul	1040440	Naphthalene-d8	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, decahydro-, (1.a...	154	C10H18O	014759-74-1	76
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	58
3	Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	55
4	Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	43
5	3-Dodecyne	166	C12H22	006790-27-8	41





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Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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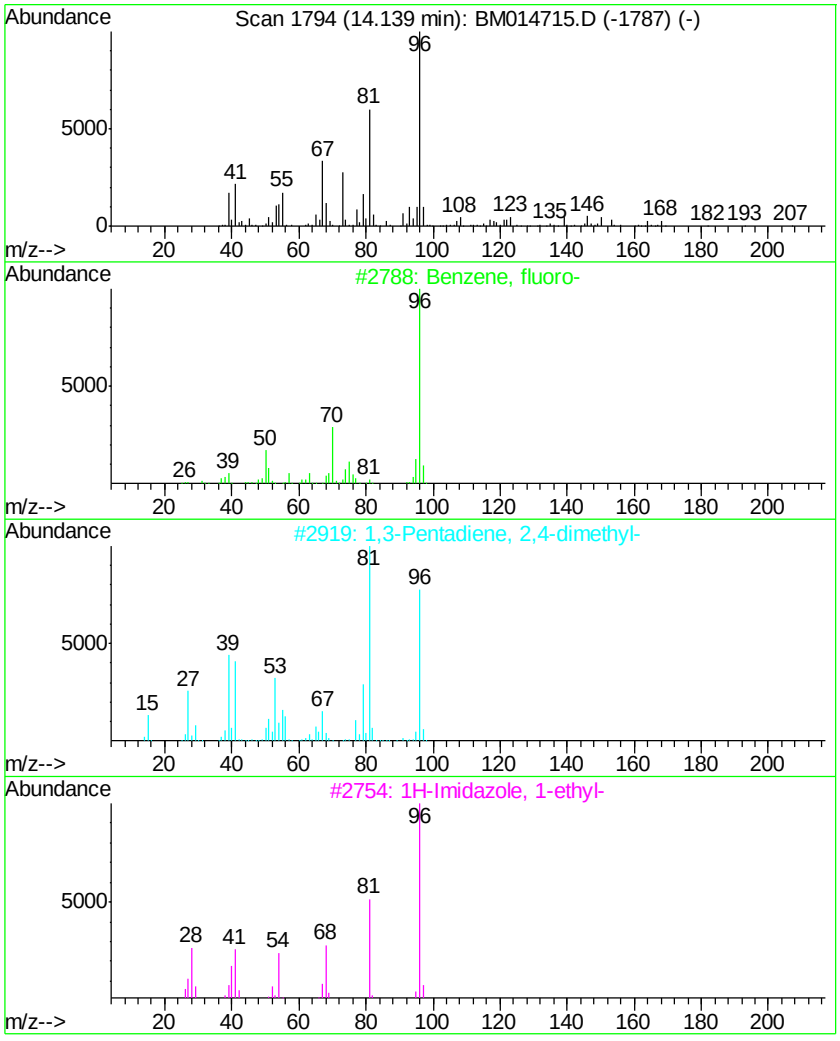
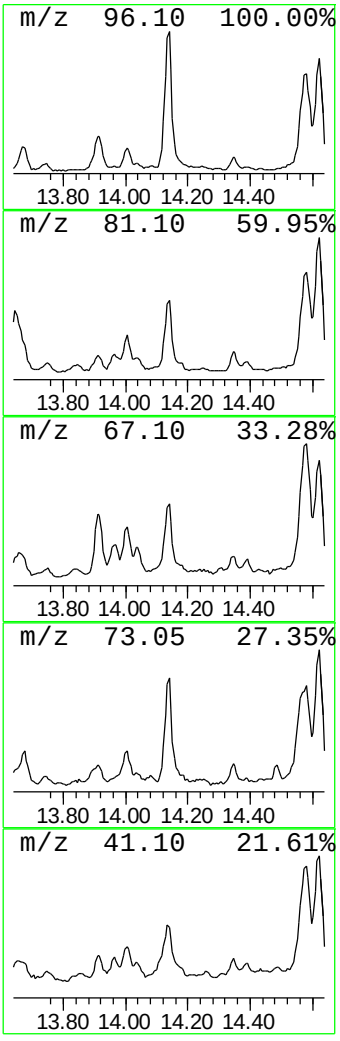
Peak Number 14 unknown-07 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	4.91 ng/ul	1372870	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, fluoro-	96	C6H5F	000462-06-6	49
2	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	47
3	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	47
4	Benzene, fluoro-	96	C6H5F	000462-06-6	47
5	5-Hydroxypyrimidine	96	C4H4N2O	026456-59-7	47





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Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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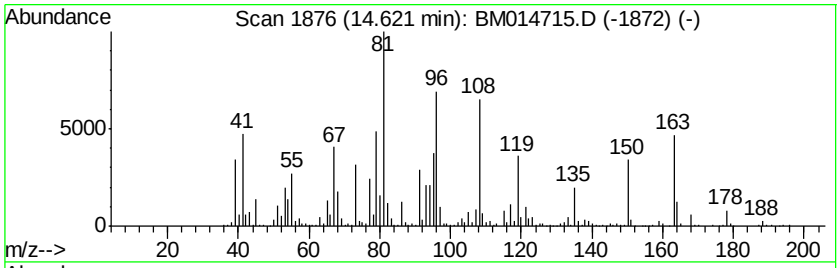
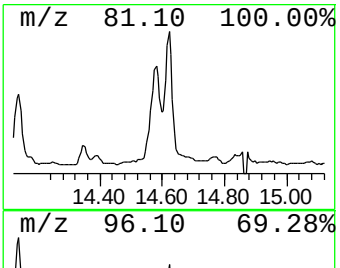
Peak Number 15 unknown-08 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	8.32 ng/ul	2325190	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-87-9	38
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	35
3	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	35
4	1,3-Pentadiene, 2,3-dimethyl-	96	C7H12	001113-56-0	35
5	4H-1,3-Benzodioxin-4-one, hexahy...	170	C9H14O3	124899-15-6	30





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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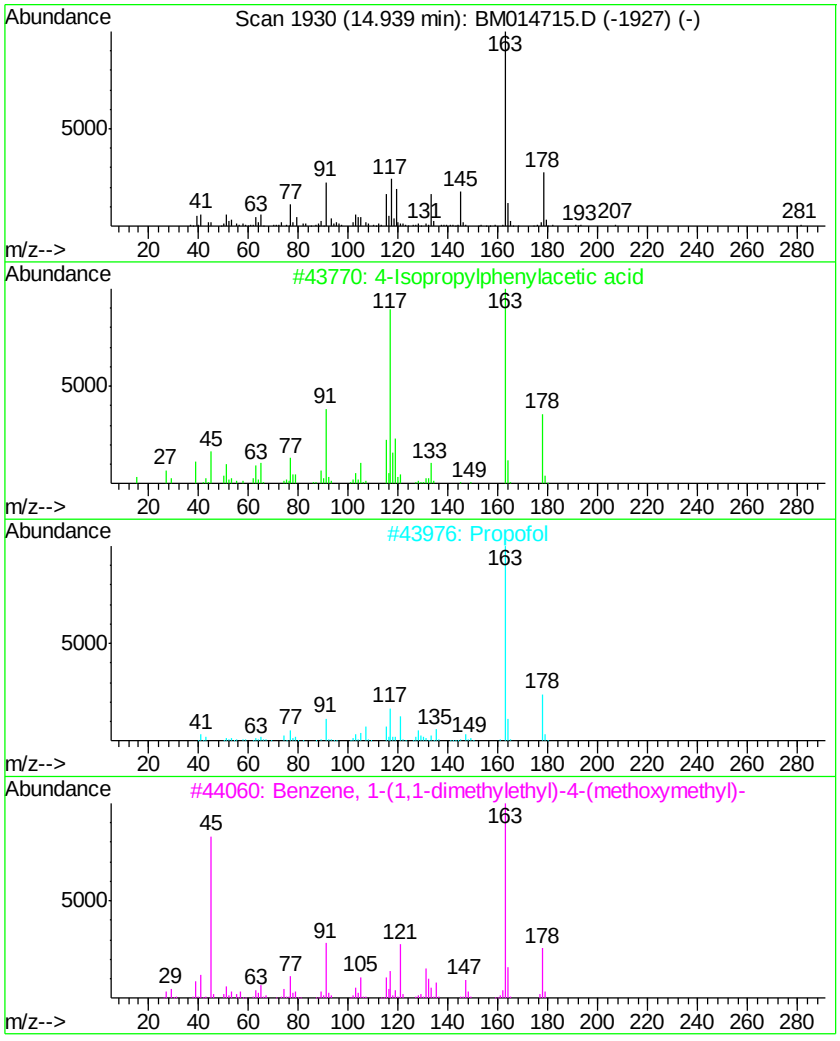
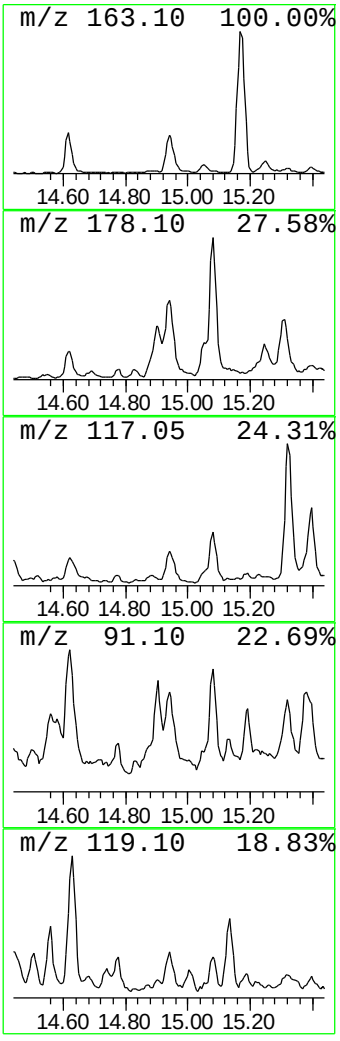
Peak Number 16 4-Isopropylphenylacetic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.26 ng/ul	630031	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	74
2	Propofol	178	C12H18O	002078-54-8	59
3	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	003395-87-7	59
4	Propofol	178	C12H18O	002078-54-8	58
5	Propofol	178	C12H18O	002078-54-8	53





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

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Quant Title : SVOA CALIBRATION

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

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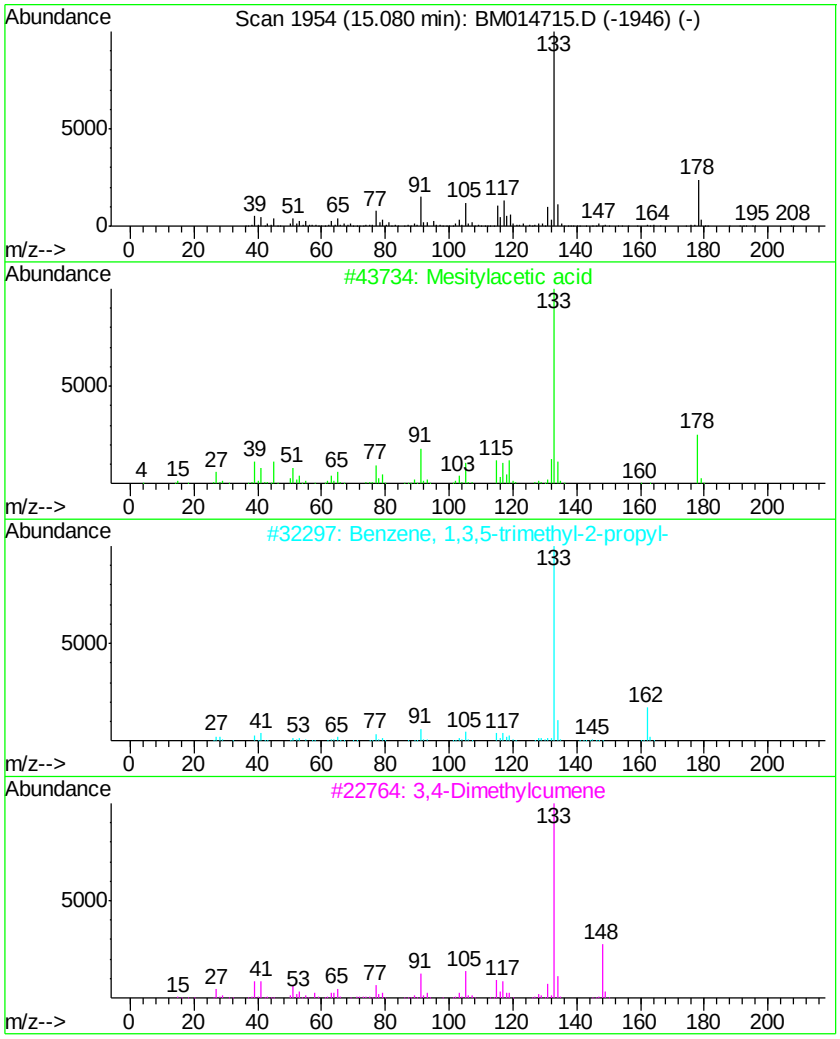
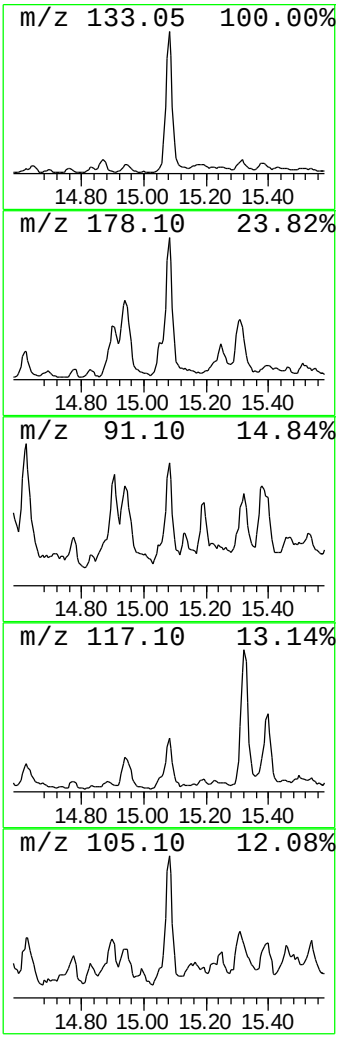
Peak Number 17 Mesitylacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.25 ng/ul	908042	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylacetic acid	178	C11H14O2	004408-60-0	93
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	81
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	72
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	64
5	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	64





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Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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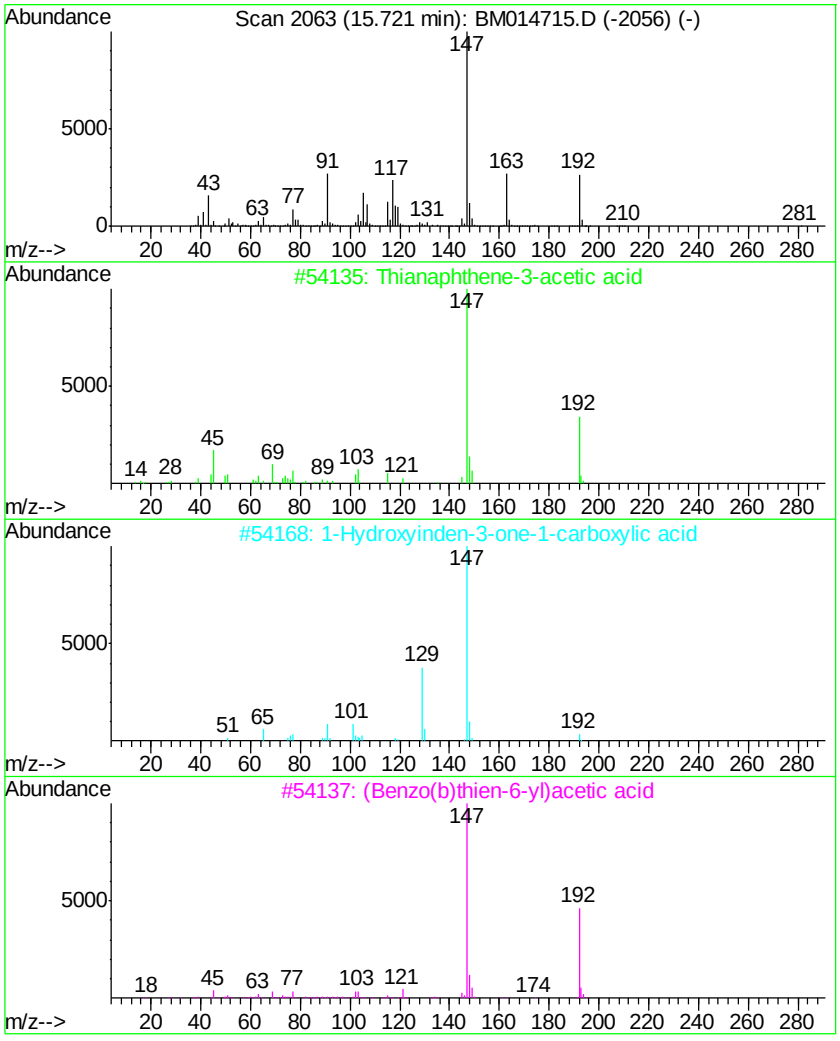
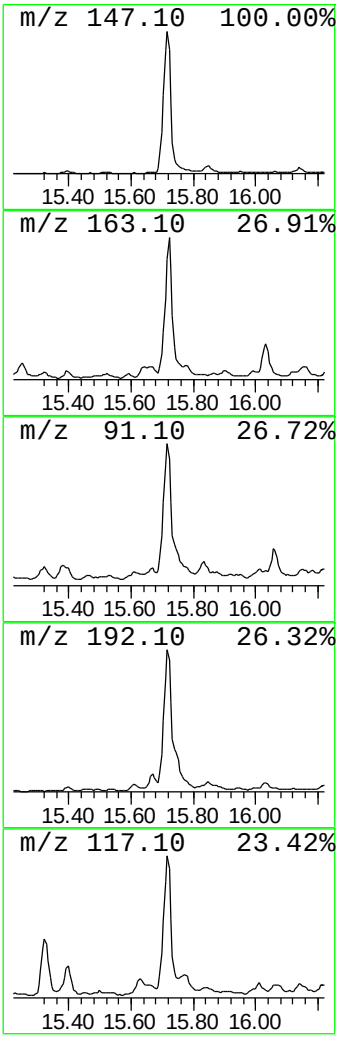
Peak Number 19 unknown-09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	19.76 ng/ul	5521760	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	46
2	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	46
3	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	43
4	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	43
5	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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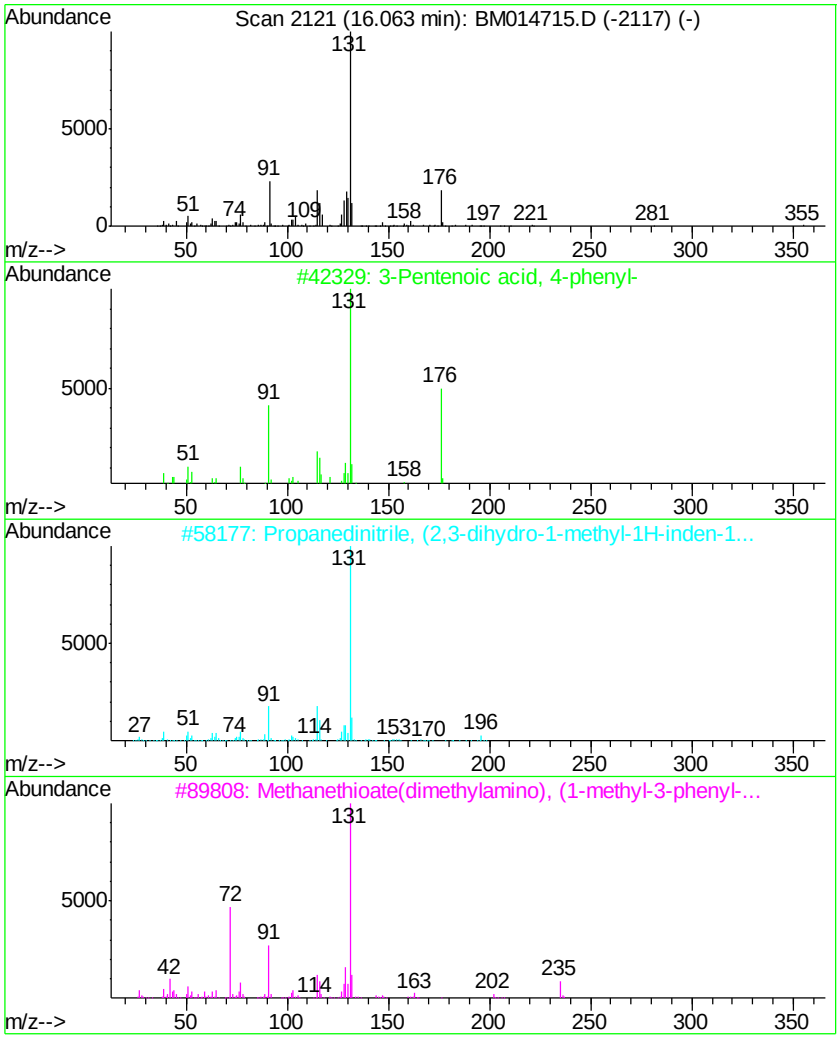
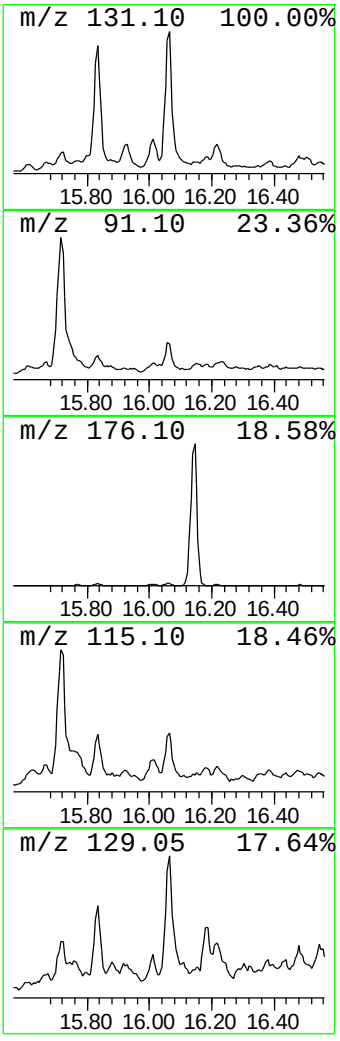
Peak Number 20 3-Pentenoic acid, 4-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.36 ng/ul	659912	Acenaphthene-d10	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	86
2	Propanedinitrile, (2,3-dihydro-1...	196	C13H12N2	069564-96-1	80
3	Methanethioate(dimethylamino), (...	235	C13H17NOS	1000197-43-0	78
4	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	72
5	3-Chlorotricyclo[5.2.1.0(4,8)]de...	166	C10H11Cl	074876-43-0	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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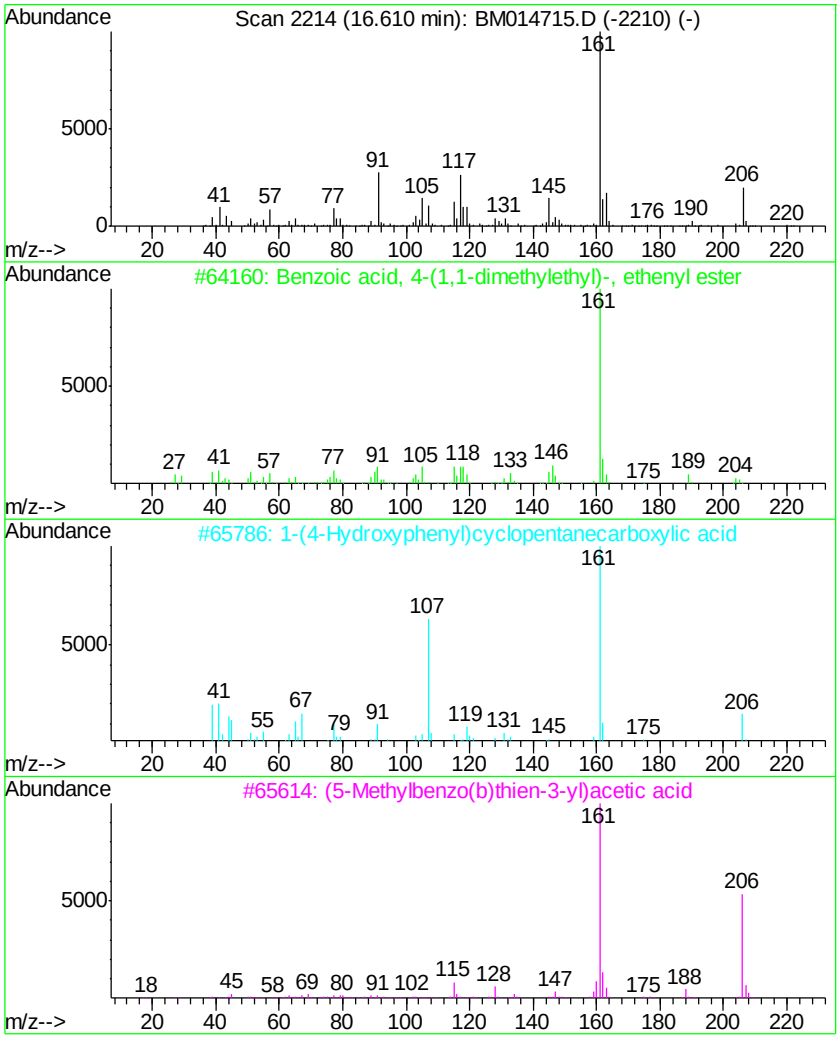
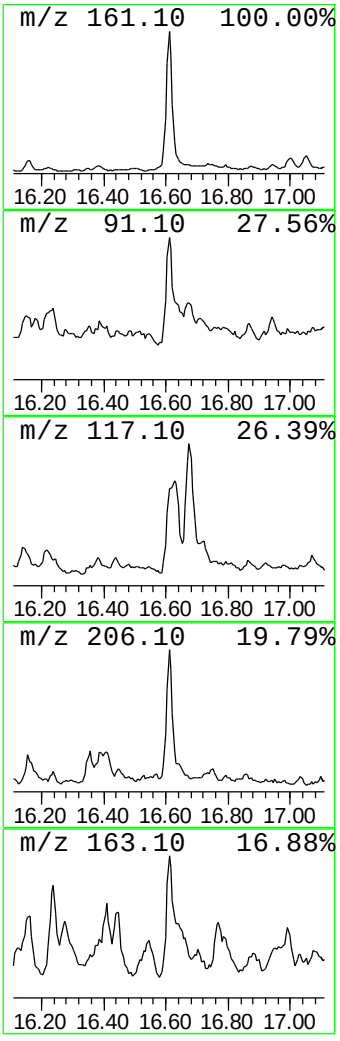
Peak Number 21 Benzoic acid, 4-(1,1-dimeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.83 ng/ul	883041	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(1,1-dimethyleth...	204	C13H16O2	015484-80-7	53
2	1-(4-Hydroxyphenyl)cyclopentanec...	206	C12H14O3	091496-64-9	52
3	(5-Methylbenzo(b)thien-3-yl)acet...	206	C11H10O2S	001735-12-2	50
4	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	50
5	Benzeneethanal, 4-[1,1-dimethyle...	176	C12H16O	109347-45-7	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041718\
Data File : BM014715.D
Acq On : 17 Apr 2018 10:12
Operator : SJ/JU
Sample : J2313-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F1A36

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.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
2-Pentanol, 2-met...	4.00	4.8	ng/ul	656449	1	8.57	2713210	20.0
3-Pentanol, 3-met...	4.30	3.2	ng/ul	439972	1	8.57	2713210	20.0
Cyclopentanol, 1-...	4.86	3.6	ng/ul	495061	1	8.57	2713210	20.0
1,3-Dimethylcyclo...	5.65	3.6	ng/ul	494212	1	8.57	2713210	20.0
unknown-01	9.58	2.4	ng/ul	321640	1	8.57	2713210	20.0
unknown-02	10.38	2.4	ng/ul	532901	2	11.42	4386840	20.0
unknown-03	11.22	2.3	ng/ul	508341	2	11.42	4386840	20.0
unknown-04	11.29	4.7	ng/ul	1039440	2	11.42	4386840	20.0
(DEL) Alkane: Str...	11.76	2.7	ng/ul	597647	2	11.42	4386840	20.0
unknown-05	12.22	2.4	ng/ul	529084	2	11.42	4386840	20.0
(DEL) Alkane: Str...	12.42	5.4	ng/ul	1186900	2	11.42	4386840	20.0
unknown-06	13.10	3.5	ng/ul	764353	2	11.42	4386840	20.0
1-Naphthalenol, d...	13.22	4.7	ng/ul	1040440	2	11.42	4386840	20.0
unknown-07	14.14	4.9	ng/ul	1372870	3	15.17	5587660	20.0
unknown-08	14.62	8.3	ng/ul	2325190	3	15.17	5587660	20.0
4-Isopropylphenyl...	14.94	2.3	ng/ul	630031	3	15.17	5587660	20.0
Mesitylacetic acid	15.08	3.3	ng/ul	908042	3	15.17	5587660	20.0
unknown-09	15.72	19.8	ng/ul	5521760	3	15.17	5587660	20.0
3-Pentenoic acid,...	16.06	2.4	ng/ul	659912	3	15.17	5587660	20.0
Benzoic acid, 4-(...	16.61	2.8	ng/ul	883041	4	17.88	6247890	20.0