LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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	3.783	11	33	55	rVB4	863960	4006261	1.78%	0.177%
2	4.124	79	91	102	rBV4	3479579	12849835	5.70%	0.568%
3	4.277	102	117	125	rVB3	1290008	4442648	1.97%	0.196%
4	4.365	125	132	140	rBV2	1888839	5243139	2.32%	0.232%
5	4.506	140	156	165	rBV2	6263394	24914708	11.04%	1.101%
6	4.600	165	172	183	rVB2	5011853	16515866	7.32%	0.730%
7	4.794	195	205	218	rBV3	7026380	31338759	13.89%	1.385%
8	4.941	218	230	240	rBV4	11818964	44950967	19.93%	1.987%
9	5.070	242	252	259	rVB3	5035267	15222659	6.75%	0.673%
10	5.152	259	266	273	rBV2	2217312	6343167	2.81%	0.280%
11	5.223	273	278	289	rVB7	1586102	5617378	2.49%	0.248%
12	5.352	289	300	307	rBV2	4034600	16169748	7.17%	0.715%
13	5.464	308	319	323	rBV2	2438329	9228363	4.09%	0.408%
14	5.622	326	346	360	rVB3	8206466	47092931	20.88%	2.082%
15	5.775	361	372	376	rBV6	2202655	8877680	3.94%	0.392%
16	5.869	377	388	400	rVB5	9525841	44041327	19.52%	1.947%
17	6.010	401	412	416	rBV	4613536	17526050	7.77%	0.775%
18	6.445	440	486	514	rBV	22187760	225582005	100.00%	9.973%
19	6.727	517	534	558	rBV6	16981827	122256676	54.20%	5.405%
20	6.950	559	572	581	rBV6	14308008	67974232	30.13%	3.005%
21	7.109	582	599	616	rVB10	17014762	128460773	56.95%	5.679%
22	7.285	623	629	634	rBV4	2811897	7113002	3.15%	0.314%
23	7.350	636	640	644	rBV5	1758175	4089855	1.81%	0.181%
24	7.438	646	655	662	rBV6	5611030	20905689	9.27%	0.924%
25	7.638	663	689	713	rVB8	11521452	119498905	52.97%	5.283%
26	7.861	714	727	739	rBV7	8643529	51343895	22.76%	2.270%
27	8.108	760	769	770	rBV6	4831628	13337227	5.91%	0.590%
28	8.578	841	849	877	rBV8	7512418	64490434	28.59%	2.851%
29	8.760	878	880	882	rBV	7445076	4133449	1.83%	0.183%
30	8.848	889	895	904	rVB6	12900951	44461125	19.71%	1.966%
31	8.924	904	908	911	rBV5	2646943	4052454	1.80%	0.179%
32	9.048	912	929	935	rBV4	11329804	51225050	22.71%	2.265%
33	9.165	943	949	959	rVB6	17223080	56969176	25.25%	2.519%
34	9.271	960	967	970	rBV2	6541569	15834593	7.02%	0.700%

LSC Area Percent Report

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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Title : SVOA CALIBRATION

35	9.324	972	976	979	rBV3	3151826	6003789	2.66%	0.265%
36	9.383	980	986	1001	rVB5	13645734	40944292	18.15%	1.810%
37	9.506	1002	1007	1014	rVB3	7144141	19837990	8.79%	0.877%
38	9.618	1015	1026	1033	rBV4	18068154	64966405	28.80%	2.872%
39	9.700	1033	1040	1047	rBV5	12417265	41985794	18.61%	1.856%
40	9.859	1057	1067	1077	rBV6	15679690	67007062	29.70%	2.962%
41	9.976	1078	1087	1097	rVB9	13196312	52466578	23.26%	2.320%
42	10.076	1097	1104	1107	rBV6	5663676	13137018	5.82%	0.581%
43	10.141	1108	1115	1120	rBV6	9956449	26148245	11.59%	1.156%
44	10.217	1122	1128	1132	rVB4	5626442	10666265	4.73%	0.472%
45	10.264	1133	1136	1144	rVB4	15322315	27152915	12.04%	1.200%
46	10.370	1145	1154	1157	rBV3	10343784	26315024	11.67%	1.163%
47	10.434	1158	1165	1169	rVB3	13158584	27537046	12.21%	1.217%
48	10.499	1169	1176	1190	rVB8	23346969	93132972	41.29%	4.117%
49	10.617	1190	1196	1200	rBV2	7094908	15162562	6.72%	0.670%
50	10.699	1203	1210	1222	rVV6	13467854	45718583	20.27%	2.021%
51	10.787	1222	1225	1229	rVB2	4952035	6508668	2.89%	0.288%
52	10.857	1229	1237	1244	rBV5	5551614	17202229	7.63%	0.761%
53	10.975	1252	1257	1265	rVB2	6130128	13200746	5.85%	0.584%
54	11.045	1265	1269	1272	rBV3	1617340	2684338	1.19%	0.119%
55	11.122	1274	1282	1285	rBV5	1917707	4313003	1.91%	0.191%
56	11.169	1285	1290	1294	rVV3	6205639	12103808	5.37%	0.535%
57	11.245	1294	1303	1310	rVB4	14964526	40607413	18.00%	1.795%
58	11.339	1311	1319	1324	rVV4	12779468	37942279	16.82%	1.677%
59	11.398	1324	1329	1335	rVV4	13270236	26911165	11.93%	1.190%
60	11.480	1335	1343	1351	rVB5	5279426	13007412	5.77%	0.575%
61	11.574	1354	1359	1363	rBV2	1829571	2918870	1.29%	0.129%
62	11.627	1363	1368	1373	rVB3	1890551	3708930	1.64%	0.164%
63	11.686	1374	1378	1384	rVB6	1421502	2426671	1.08%	0.107%
64	11.833	1395	1403	1406	rBV5	1204049	2698151	1.20%	0.119%
65	11.868	1407	1409	1412	rVV2	1044464	1549371	0.69%	0.068%
66	11.927	1412	1419	1430	rVB5	6958396	18565576	8.23%	0.821%
67	12.033	1431	1437	1446	rBV9	1918120	5608669	2.49%	0.248%
68	12.109	1446	1450	1461	rVB8	2489775	6067885	2.69%	0.268%
69	12.215	1461	1468	1472	rBV	5140165	8404167	3.73%	0.372%
70	12.262	1472	1476	1482	rVV4	955284	1876348	0.83%	0.083%
71	12.320	1482	1486	1496	rVB5	1759051	4096328	1.82%	0.181%

LSC Area Percent Report

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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Title : SVOA CALIBRATION

72	12.409	1496	1501	1506	rBV3	1745768	2858879	1.27%	0.126%
73	12.485	1506	1514	1518	rBV6	587205	1659379	0.74%	0.073%
74	12.602	1526	1534	1542	rBV	11718963	23000216	10.20%	1.017%
75	12.802	1561	1568	1573	rVV4	1329869	3265051	1.45%	0.144%
76	12.867	1573	1579	1585	rVB	3633214	6334889	2.81%	0.280%
77	12.996	1596	1601	1607	rBV8	907141	2216190	0.98%	0.098%
78	13.078	1607	1615	1621	rVB	1952096	4204222	1.86%	0.186%
79	13.196	1630	1635	1638	rBV	1080654	1882556	0.83%	0.083%
80	13.272	1639	1648	1656	rVB6	1232583	4778305	2.12%	0.211%
81	13.366	1657	1664	1672	rVB	1521936	2829353	1.25%	0.125%
82	13.454	1673	1679	1683	rVB	1333313	1960585	0.87%	0.087%
83	13.507	1683	1688	1700	rVB	2654747	4471388	1.98%	0.198%
84	13.801	1728	1738	1746	rBV	9307180	16773168	7.44%	0.742%
85	14.171	1794	1801	1807	rVB2	1080487	2520628	1.12%	0.111%
86	14.312	1819	1825	1828	rBV3	1611411	2740690	1.21%	0.121%
87	14.365	1829	1834	1838	rVV3	1525402	3104878	1.38%	0.137%
88	14.436	1838	1846	1850	rVV4	2565897	5989675	2.66%	0.265%
89	14.471	1850	1852	1859	rVB2	1133325	1698820	0.75%	0.075%
90	14.547	1859	1865	1869	rBV	1244470	1857682	0.82%	0.082%
91	14.688	1883	1889	1901	rBV2	509621	1728953	0.77%	0.076%
92	14.853	1901	1917	1924	rBV	7282332	11747093	5.21%	0.519%
93	14.923	1924	1929	1936	rBV6	427030	1419530	0.63%	0.063%
94	15.276	1982	1989	1996	rBV4	561998	1622522	0.72%	0.072%
95	15.452	2013	2019	2027	rBV3	1331158	2692643	1.19%	0.119%
96	15.793	2064	2077	2081	rBV	5263542	8020781	3.56%	0.355%
97	16.186	2136	2144	2149	rVV	1470497	2882860	1.28%	0.127%
98	16.645	2217	2222	2239	rVB	3403733	7203207	3.19%	0.318%
99	17.438	2350	2357	2361	rBV	1842770	2355256	1.04%	0.104%
100	18.178	2478	2483	2490	rVB	1096053	1402716	0.62%	0.062%

Sum of corrected areas: 2261916708

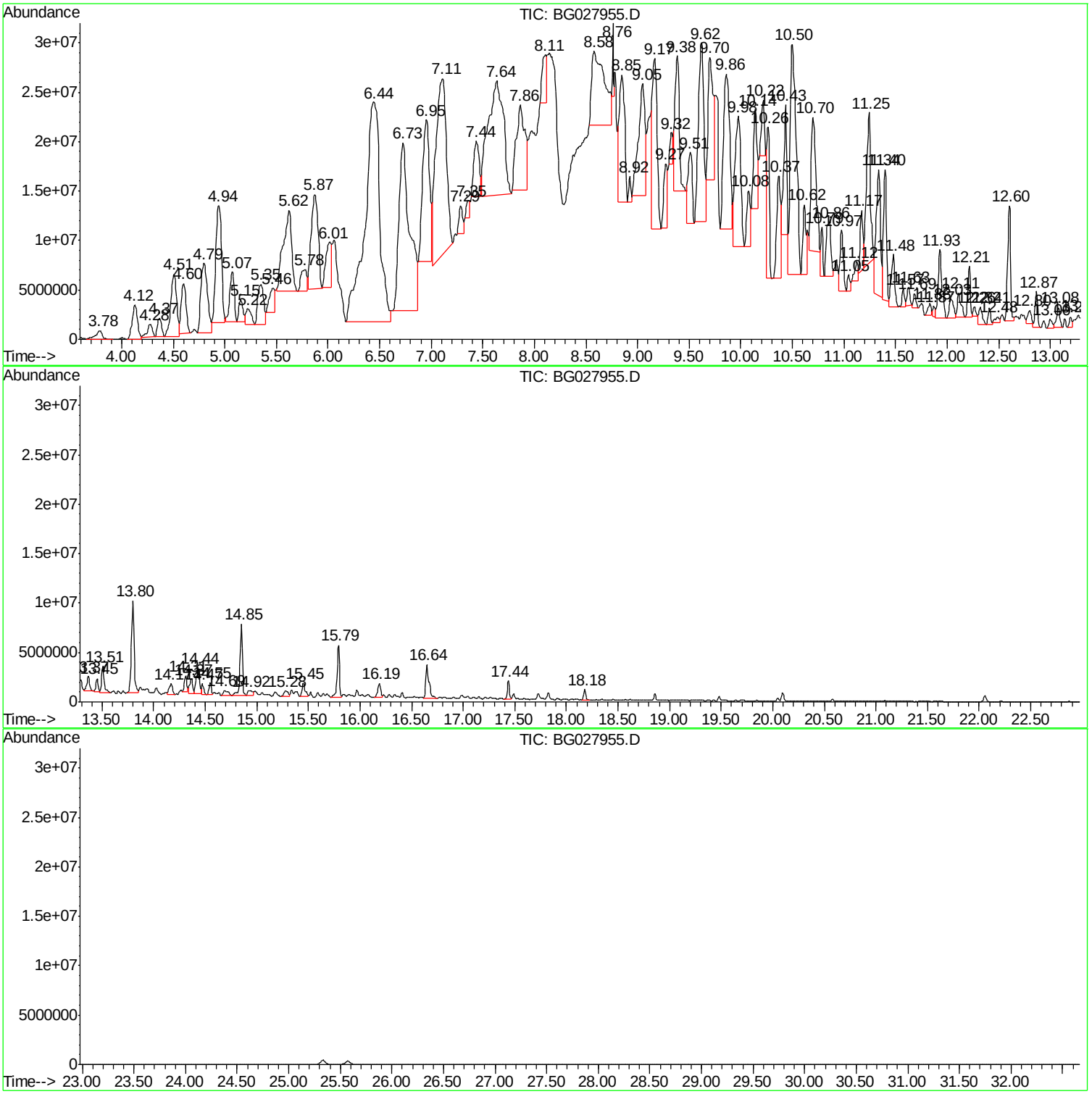
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
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Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

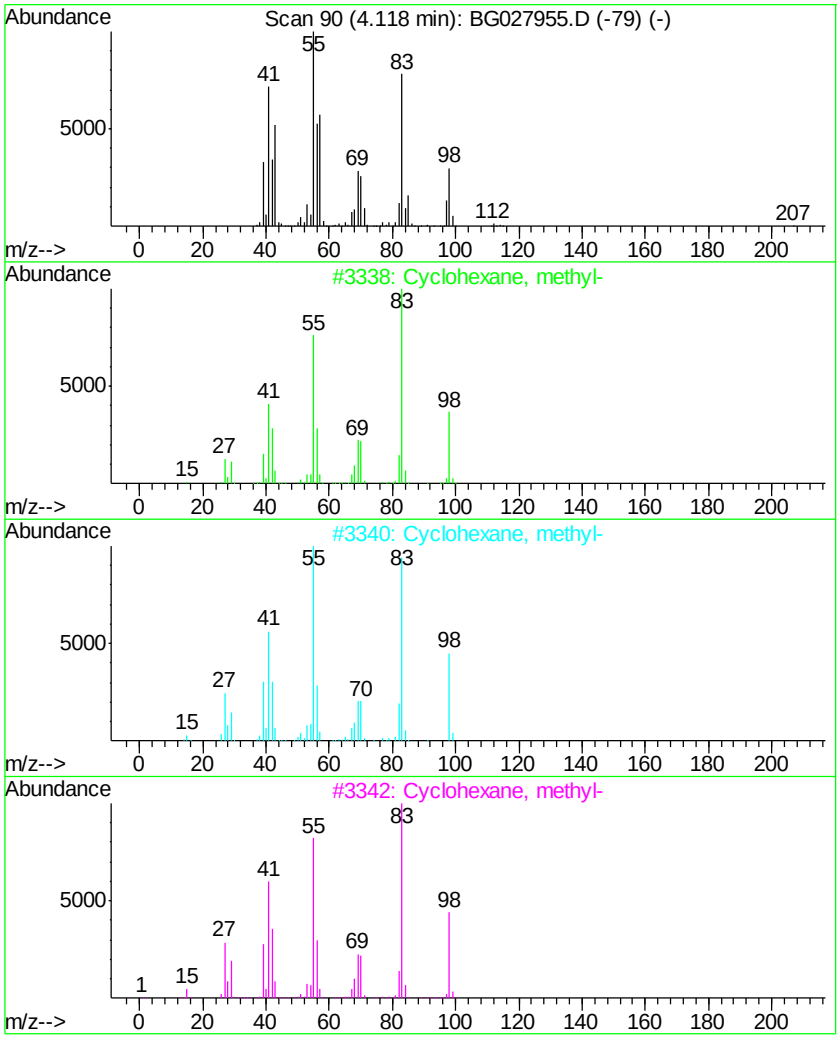
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

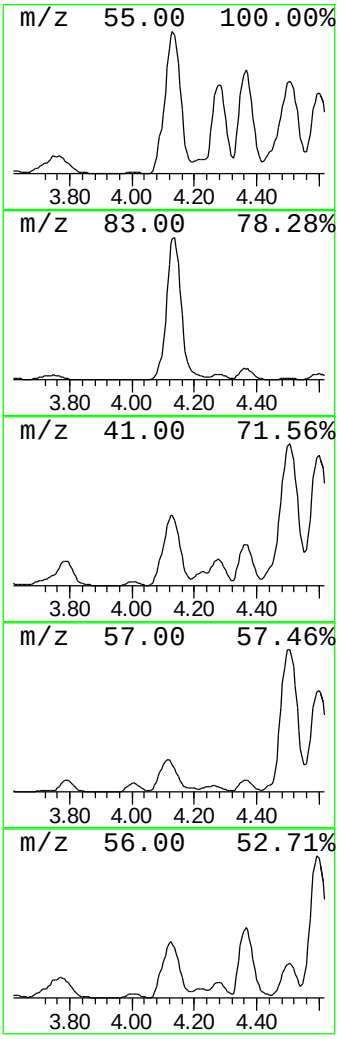
****

Peak Number 1 (DEL) Alkane: Cyclic4.12 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	3.99 ng/ul	12849800	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	52
5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

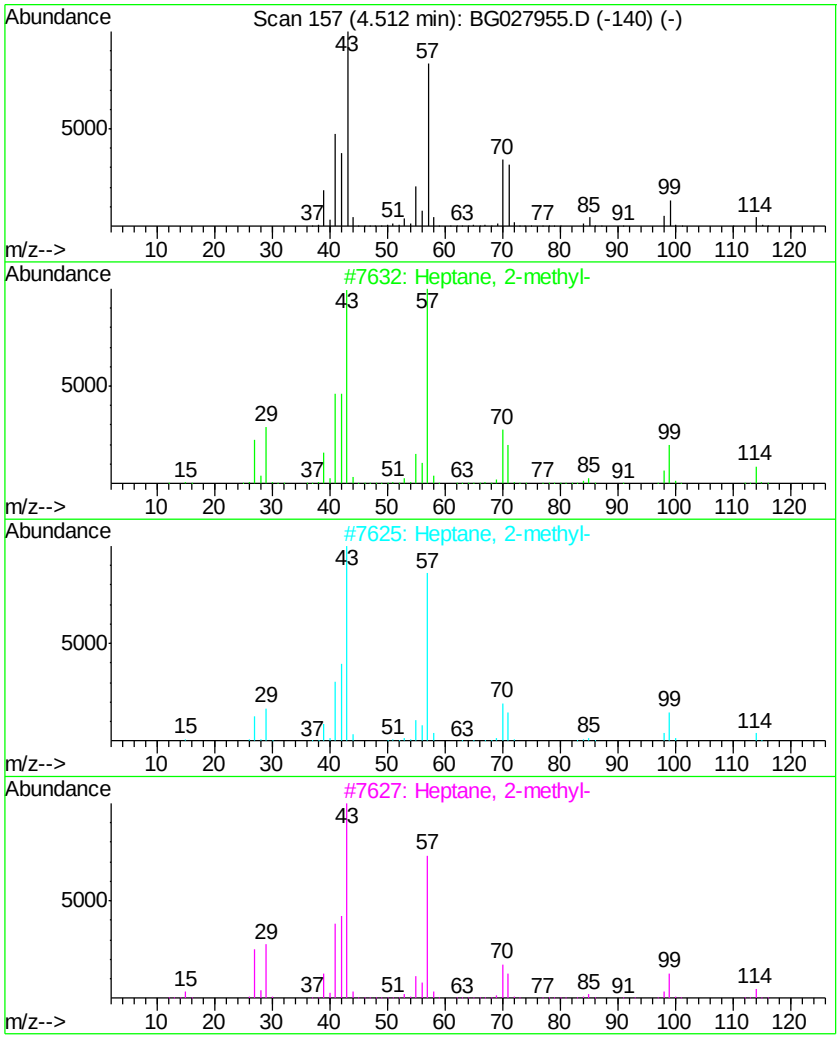
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

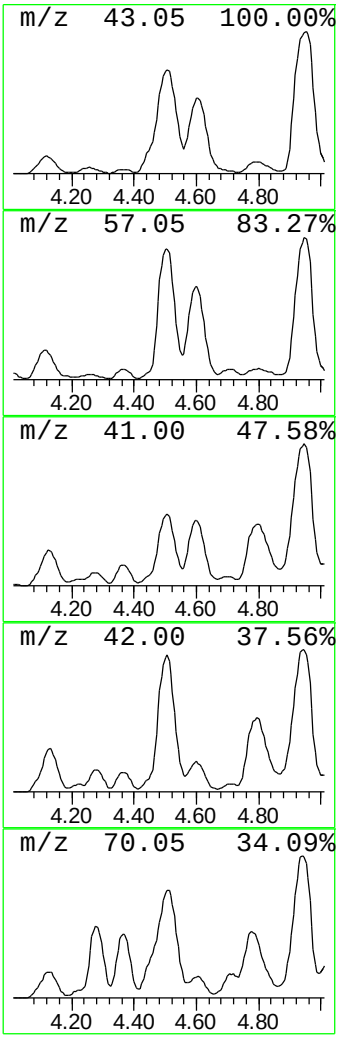
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	7.73 ng/ul	24914700	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
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Acq On : 17 Jul 2017 19:00
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Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

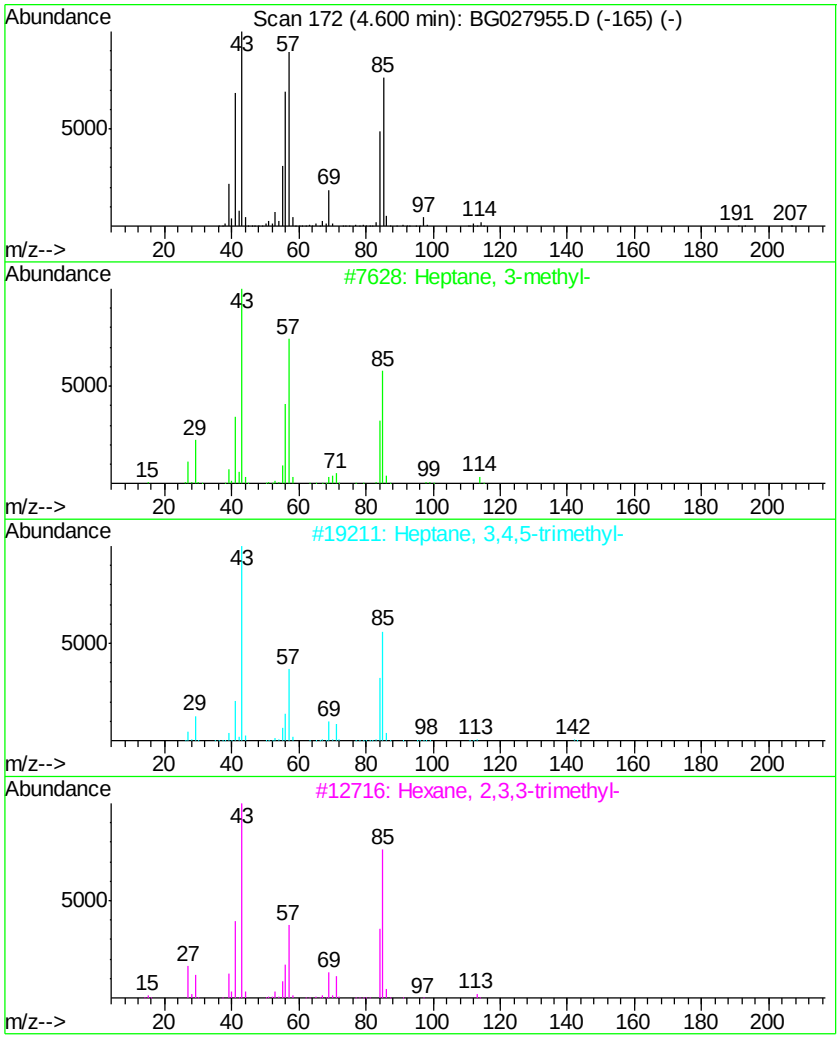
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

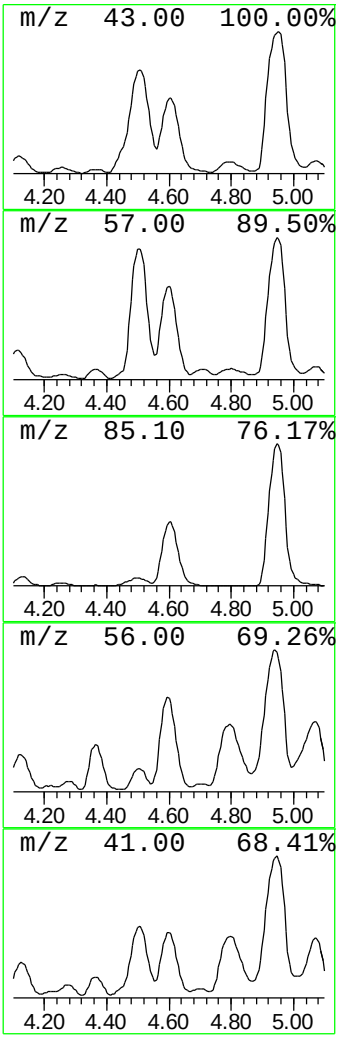
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	5.12 ng/ul	16515900	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	90
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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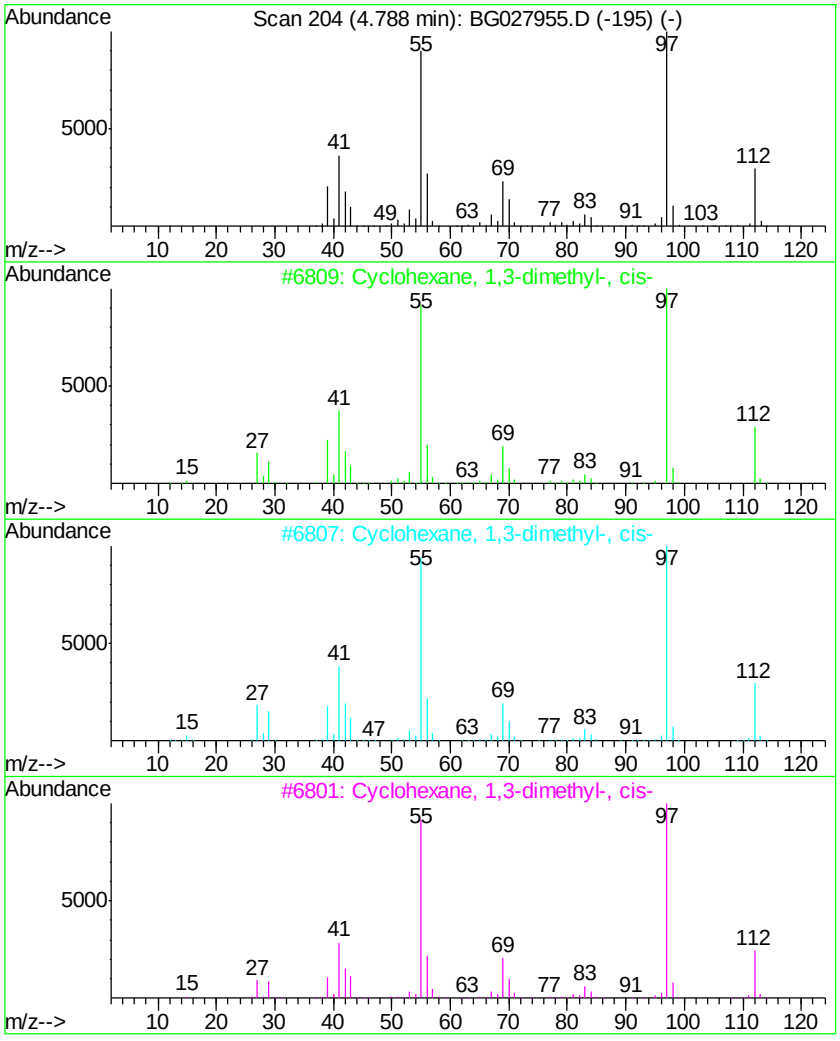
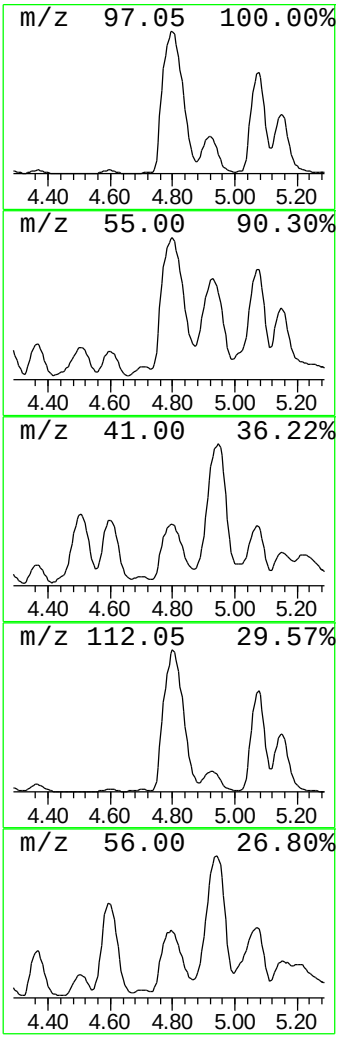
Peak Number 4 (DEL) Alkane: Cyclic4.79 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	9.72 ng/ul	31338800	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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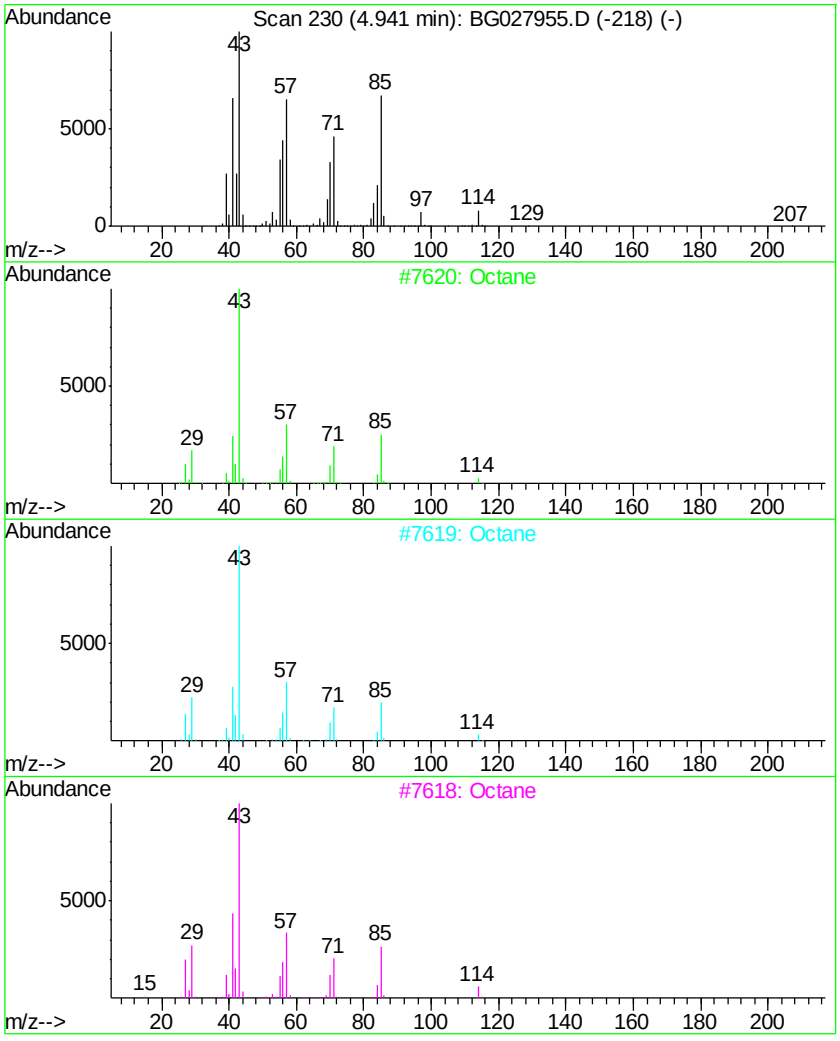
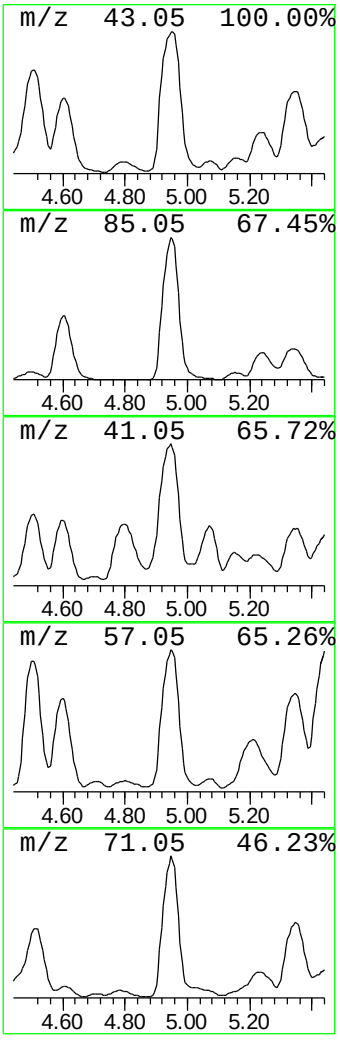
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	13.94 ng/ul	44951000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	80
2	Octane	114	C8H18	000111-65-9	80
3	Octane	114	C8H18	000111-65-9	53
4	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	52





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Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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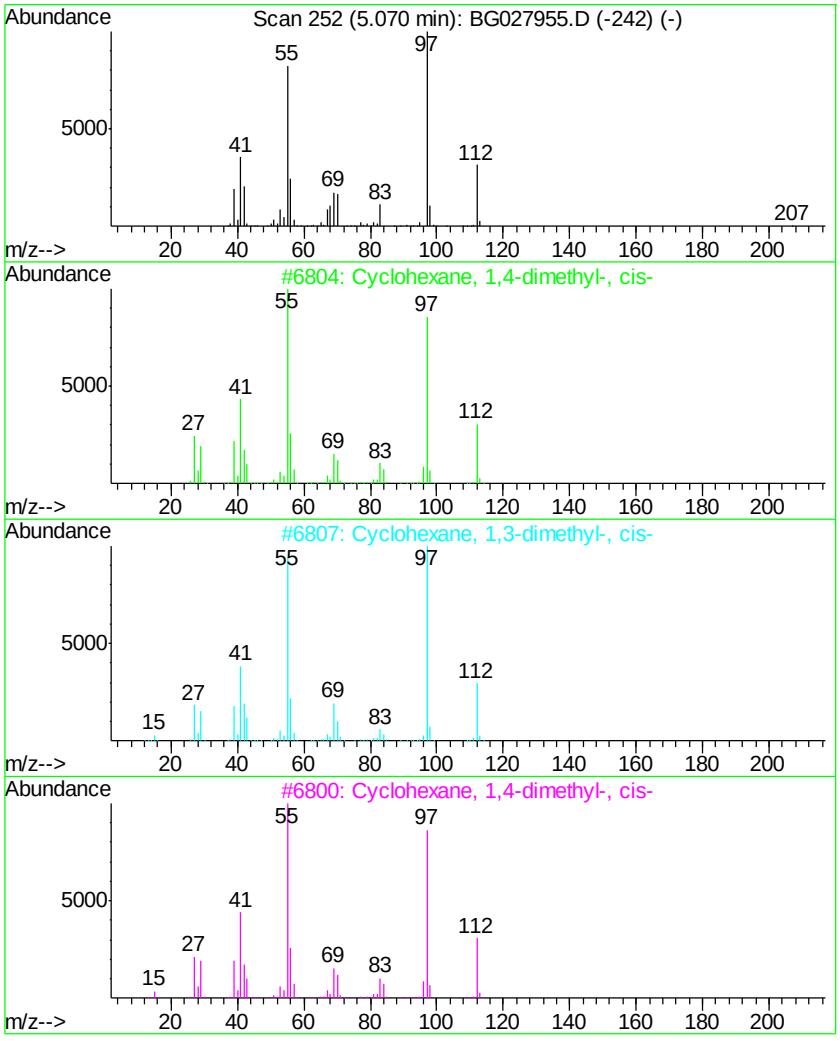
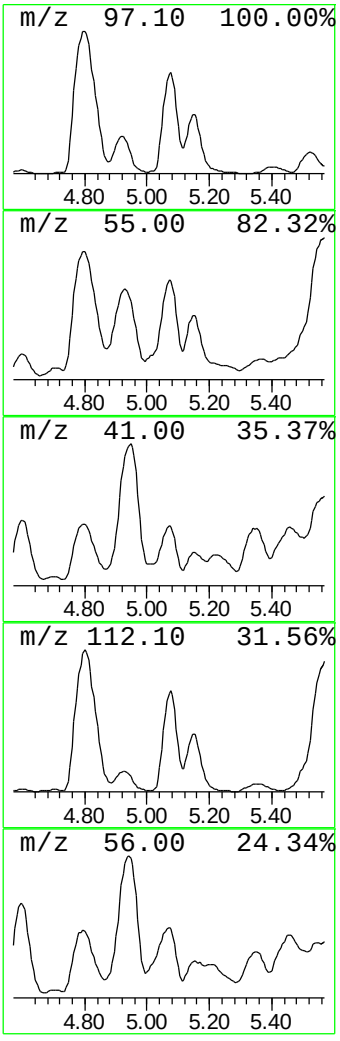
Peak Number 6 (DEL) Alkane: Cyclic5.07 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.72 ng/ul	15222700	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

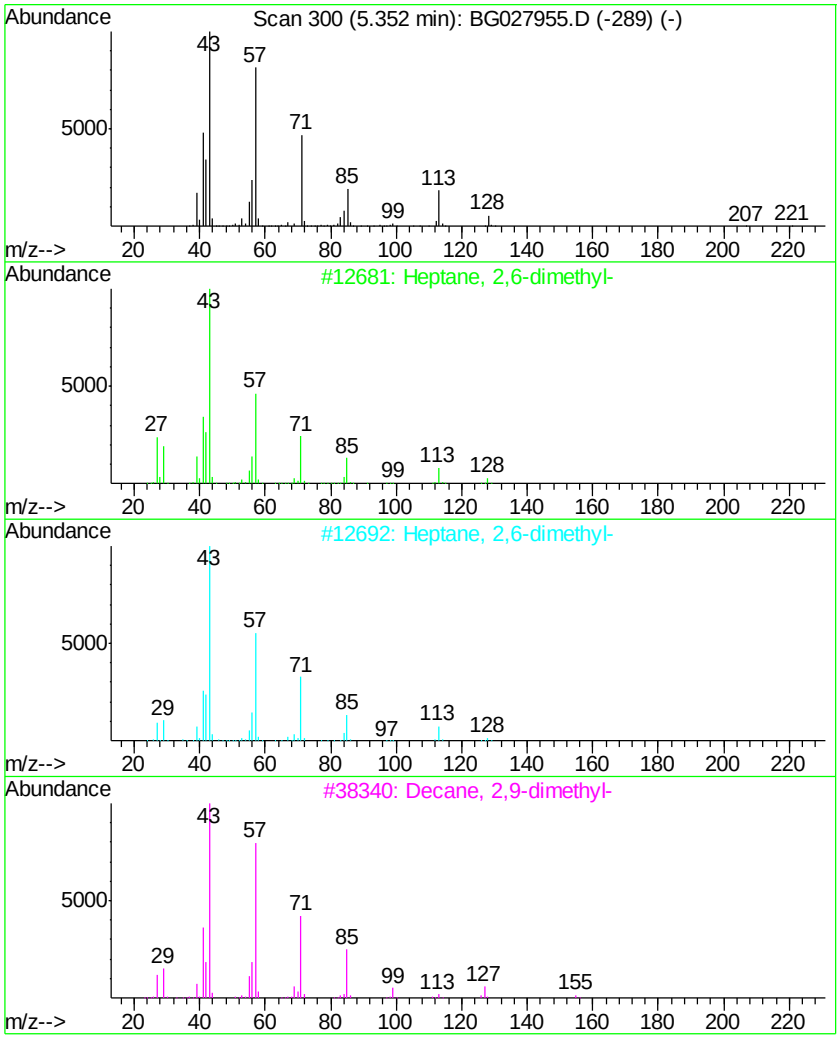
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

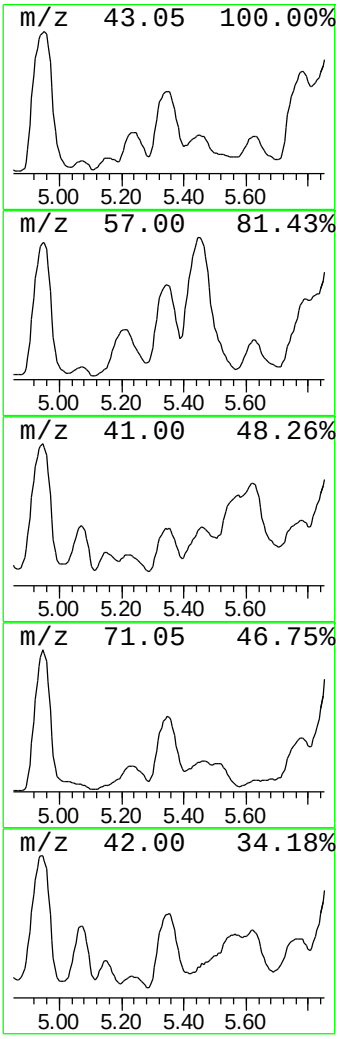
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	5.01 ng/ul	16169700	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	72
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
5	Octane, 2-methyl-	128	C9H20	003221-61-2	58





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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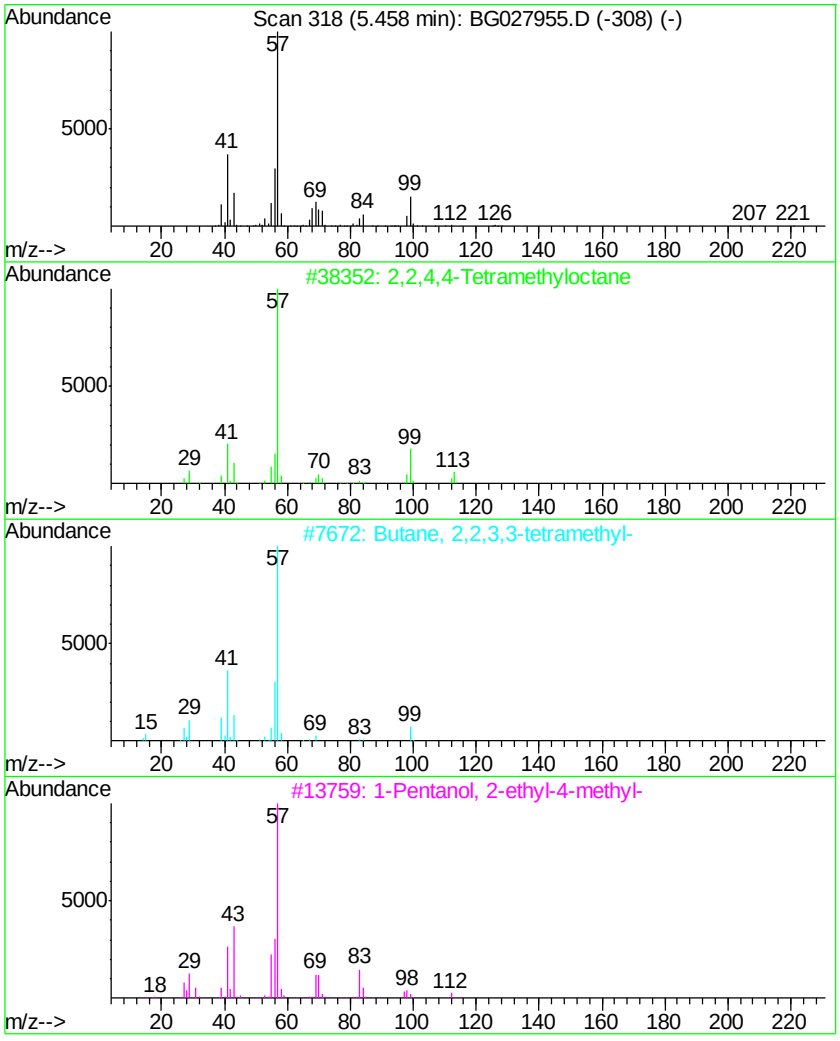
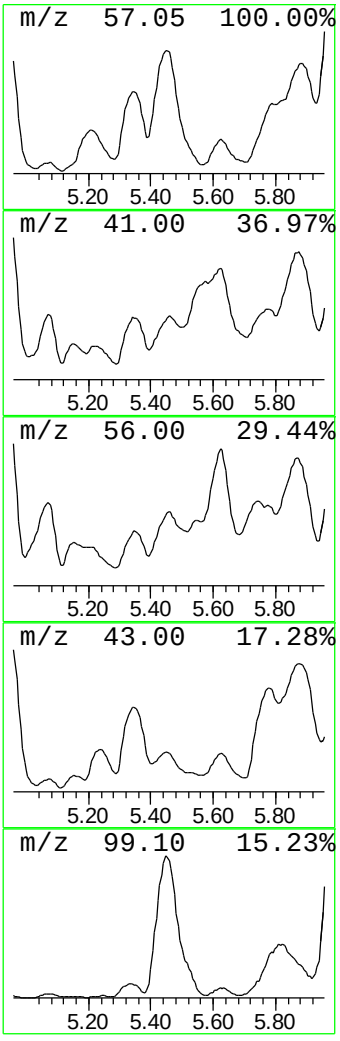
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	2.86 ng/ul	9228360	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	47
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	42
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	38





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Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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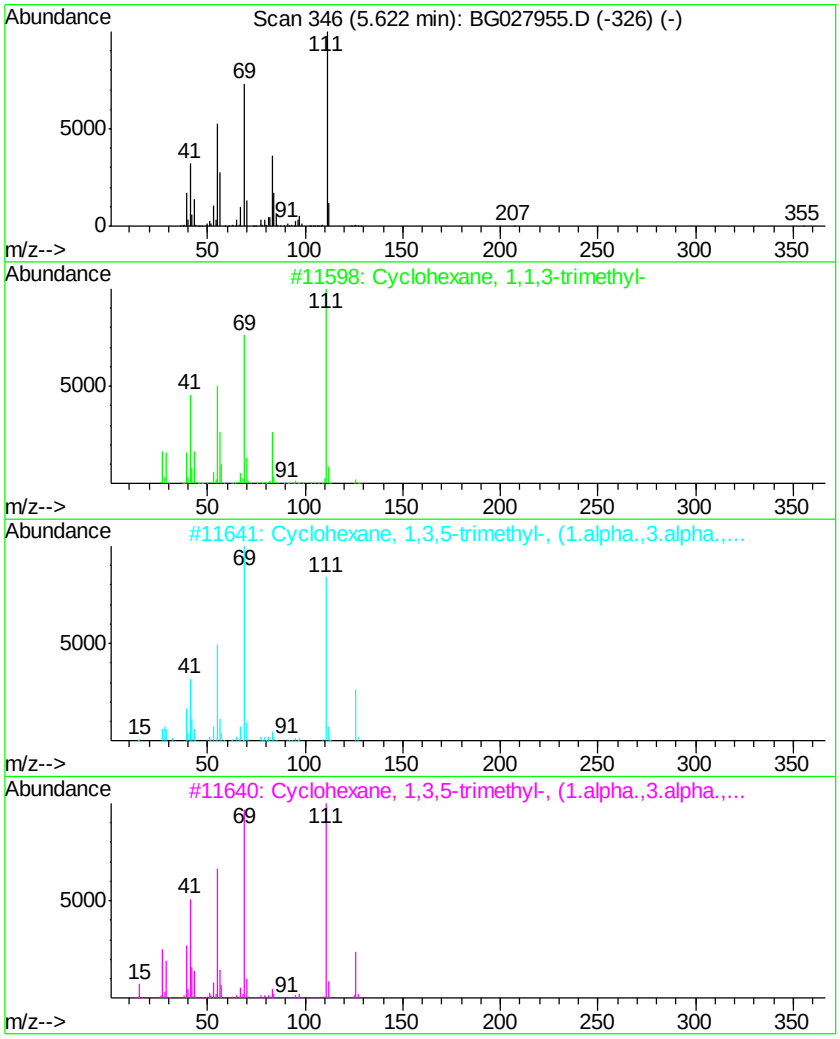
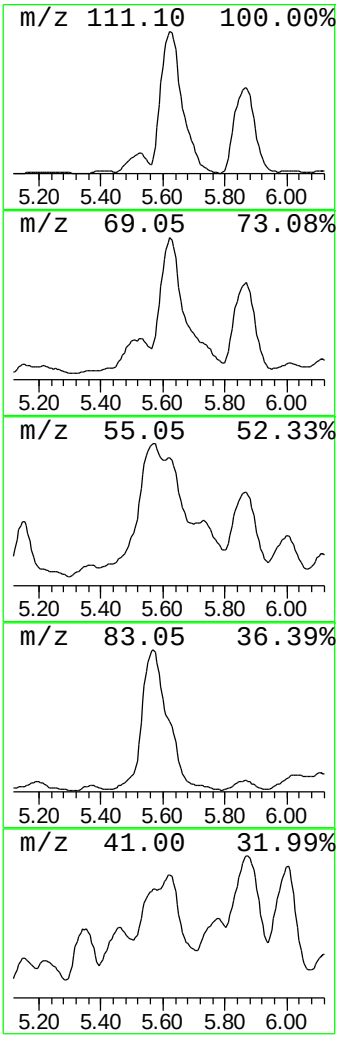
Peak Number 9 (DEL) Alkane: Cyclic5.62 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	14.60 ng/ul	47092900	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	53
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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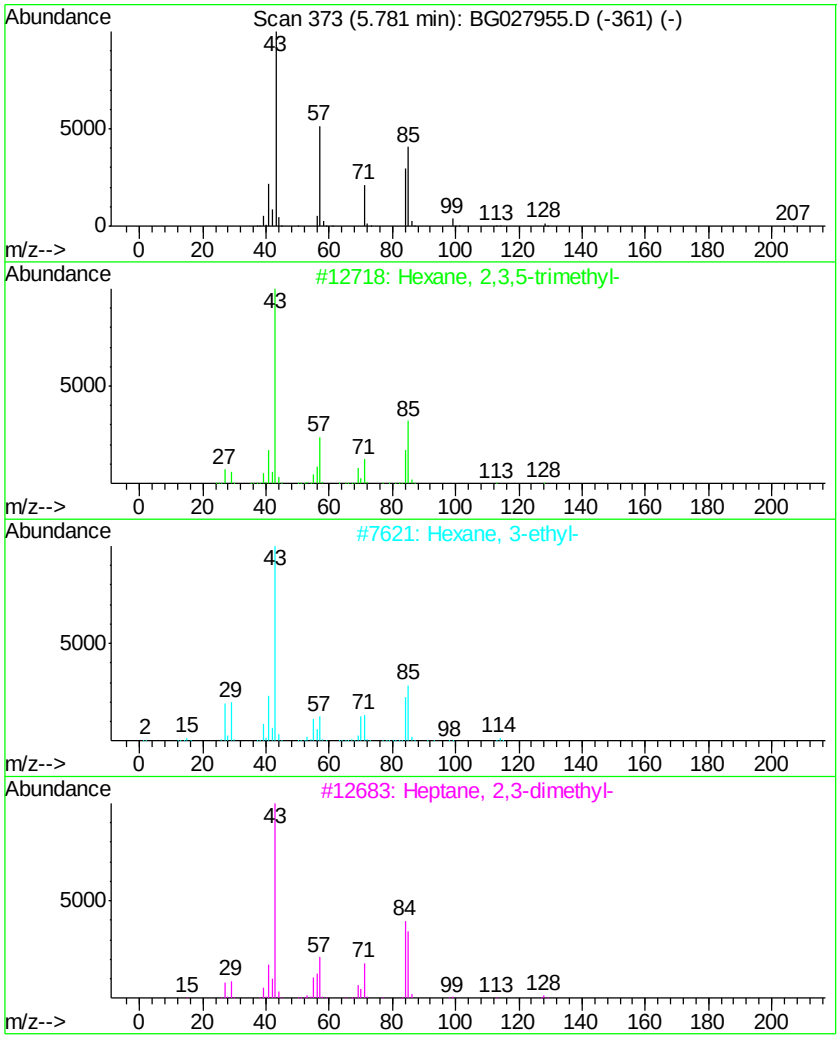
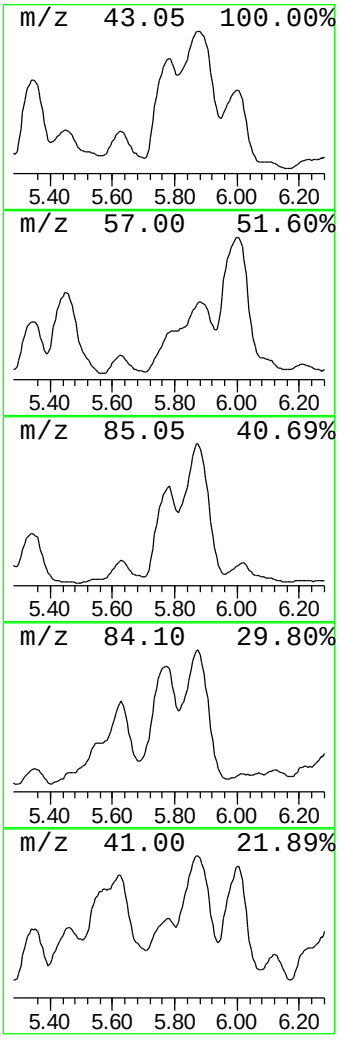
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	2.75 ng/ul	8877680	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	74
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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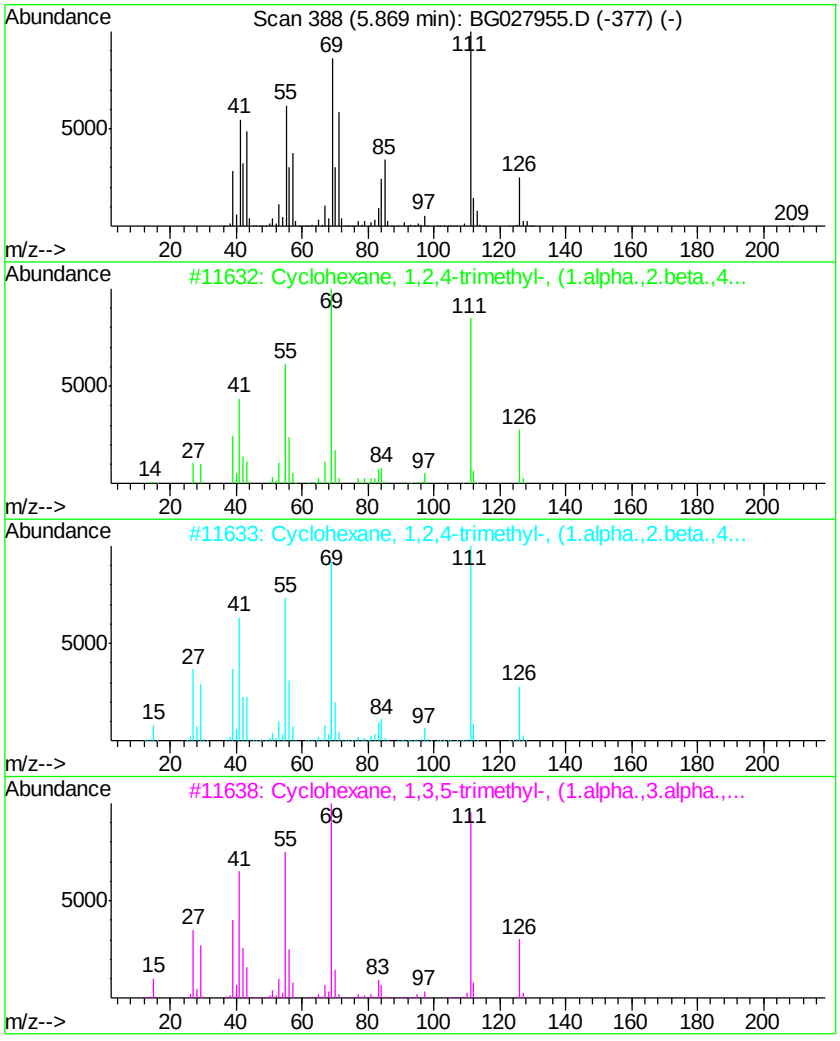
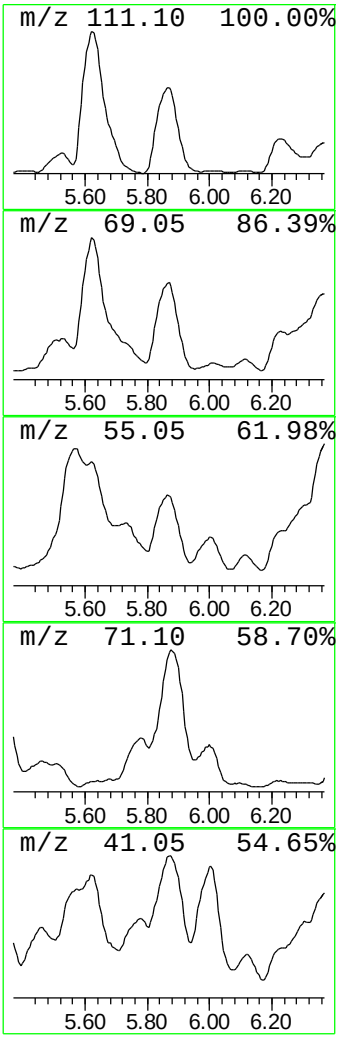
Peak Number 11 (DEL) Alkane: Cyclic5.87 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	13.66 ng/ul	44041300	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	58
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	52





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

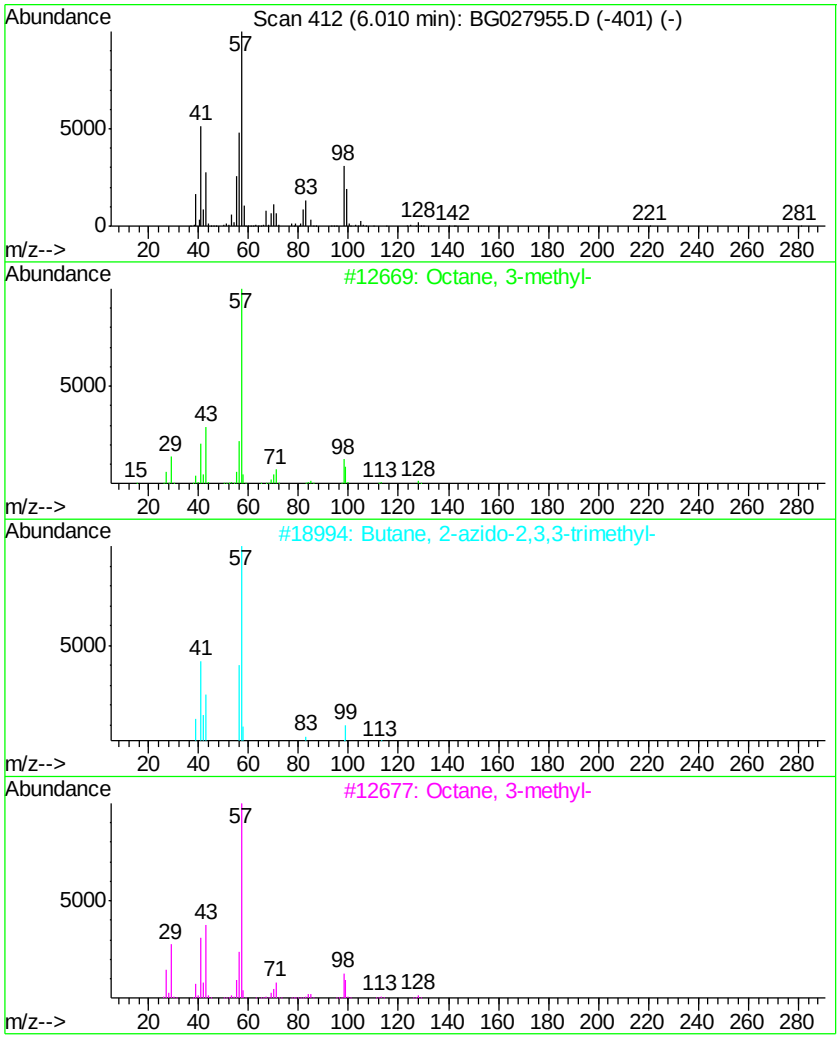
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

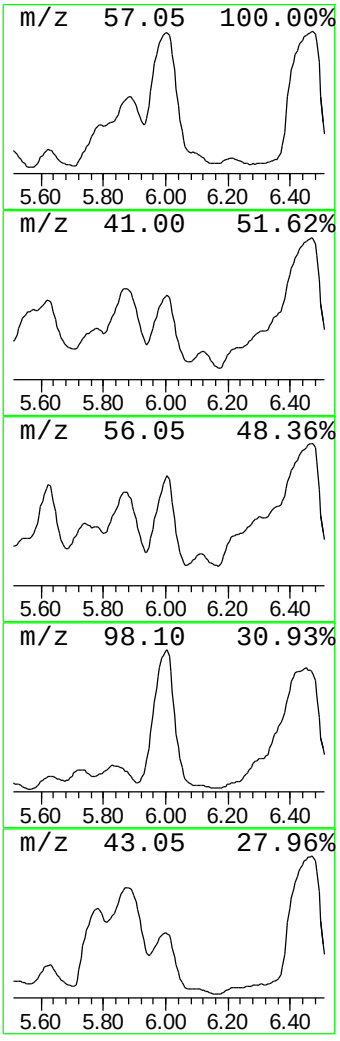
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	5.44 ng/ul	17526100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	59
2	Butane, 2-azido-2,3,3-trimethyl-	141	C7H15N3	051677-41-9	53
3	Octane, 3-methyl-	128	C9H20	002216-33-3	53
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

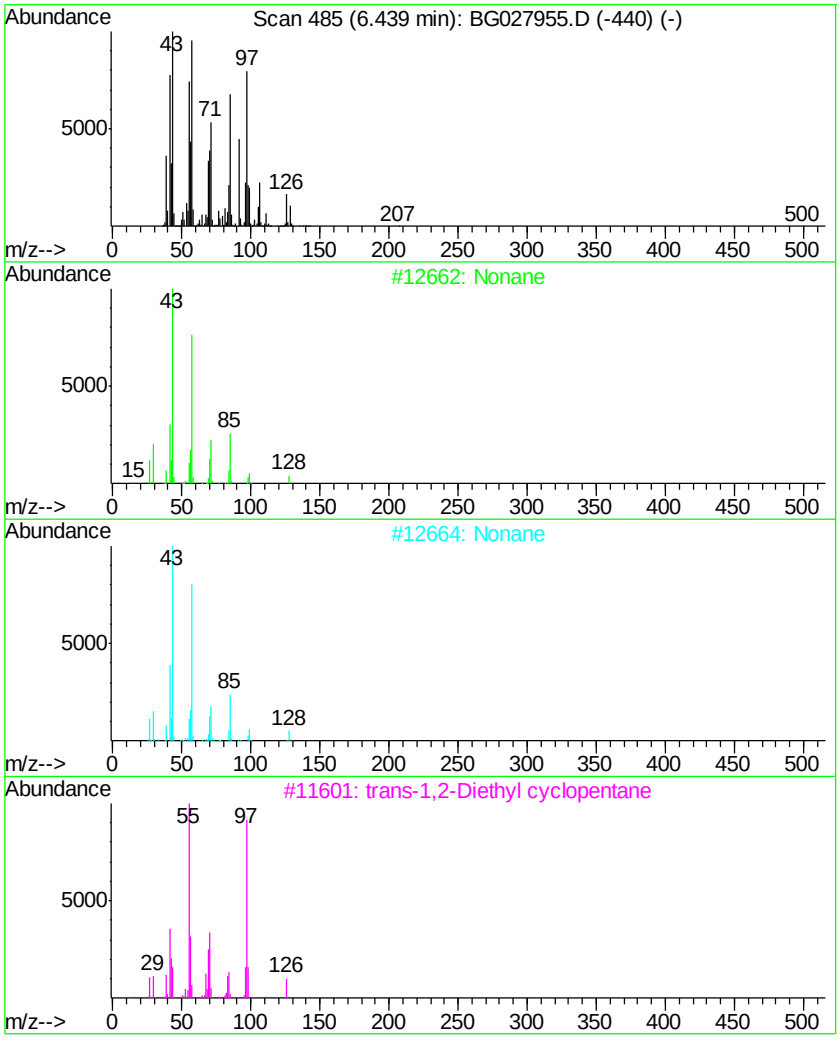
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

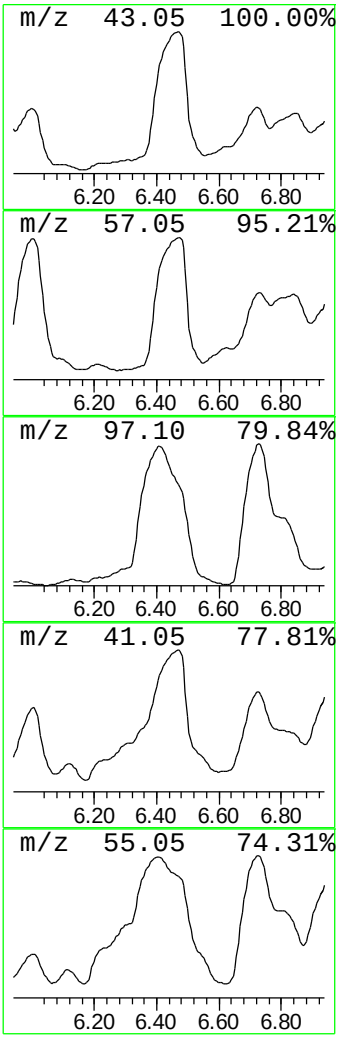
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	69.96 ng/ul	225582000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	60
2	Nonane	128	C9H20	000111-84-2	46
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	30
4	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1000338-28-2	27
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	27





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Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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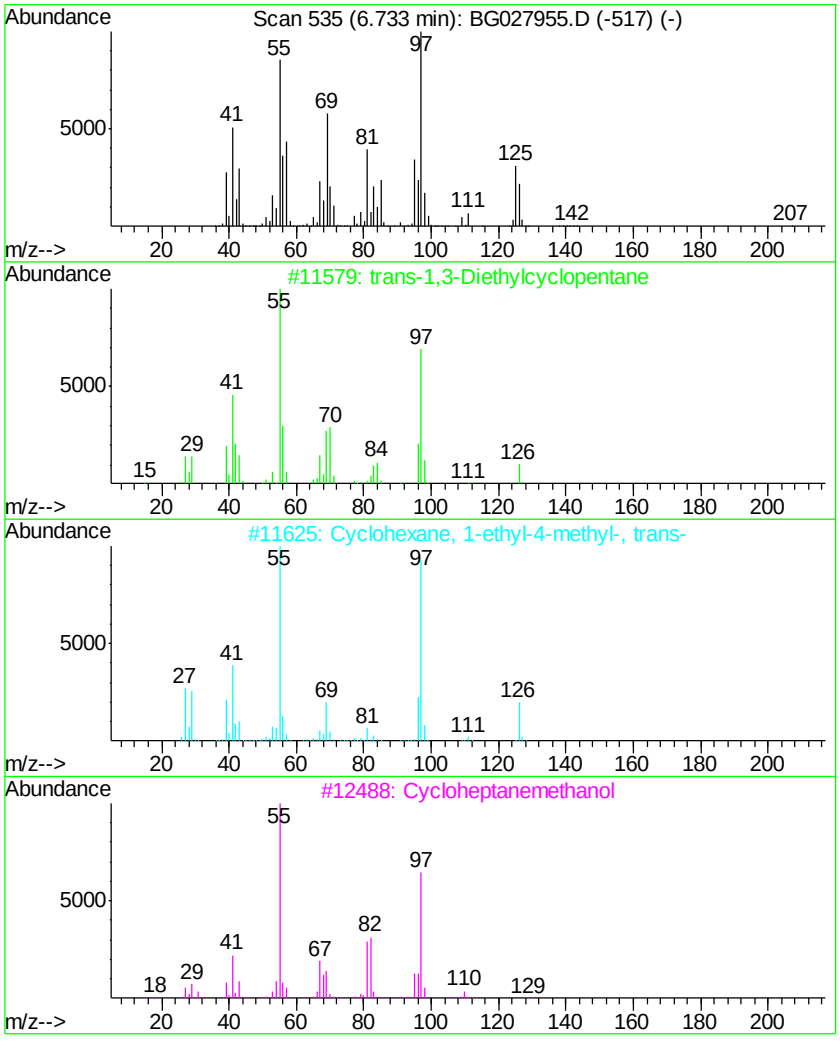
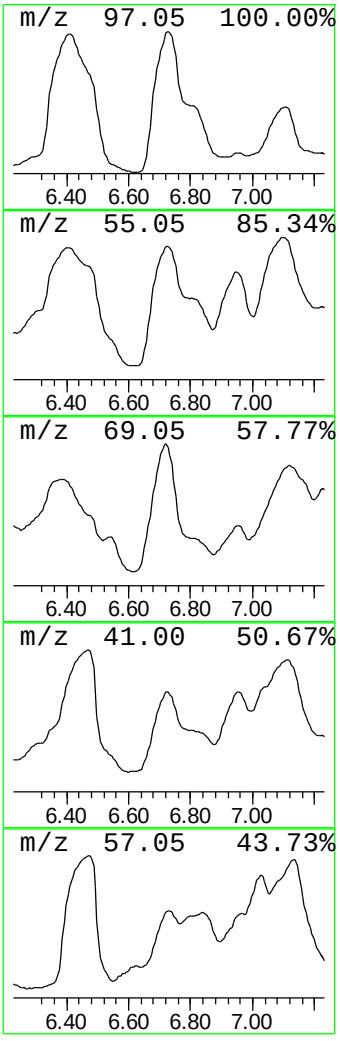
Peak Number 14 (DEL) Alkane: Cyclic6.73 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	37.91 ng/ul	122257000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	50
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46
3	Cycloheptanemethanol	128	C8H16O	004448-75-3	43
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
5	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	35





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Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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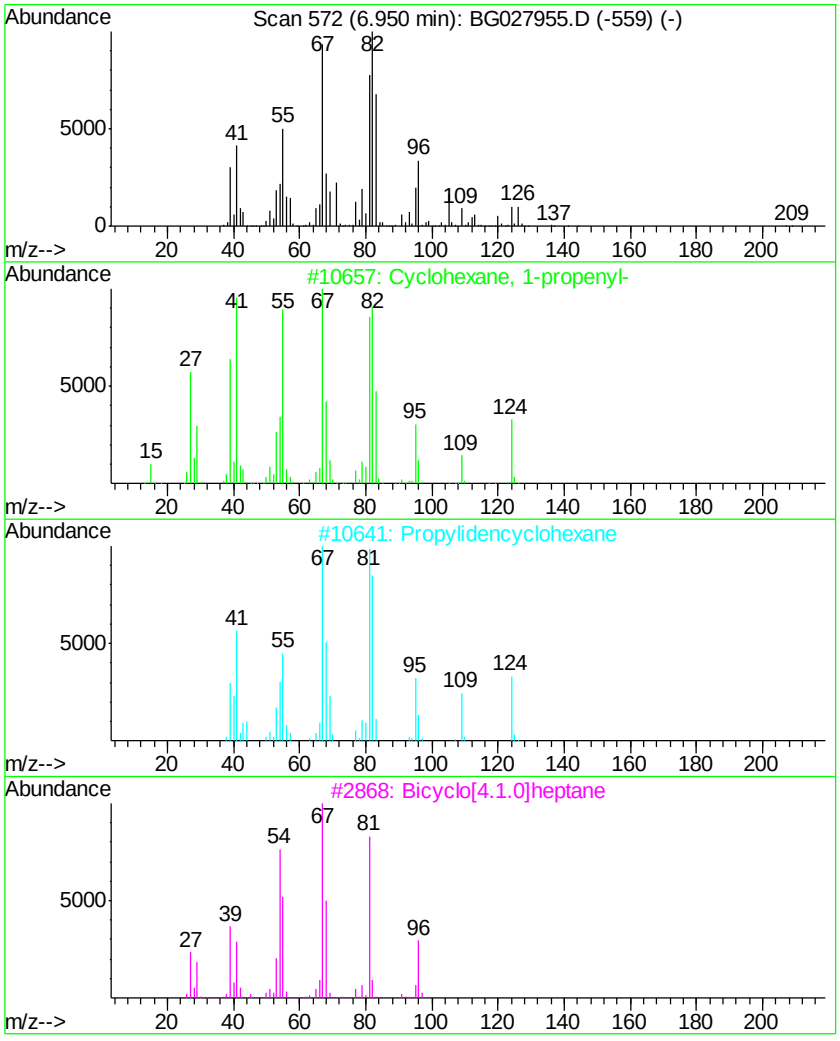
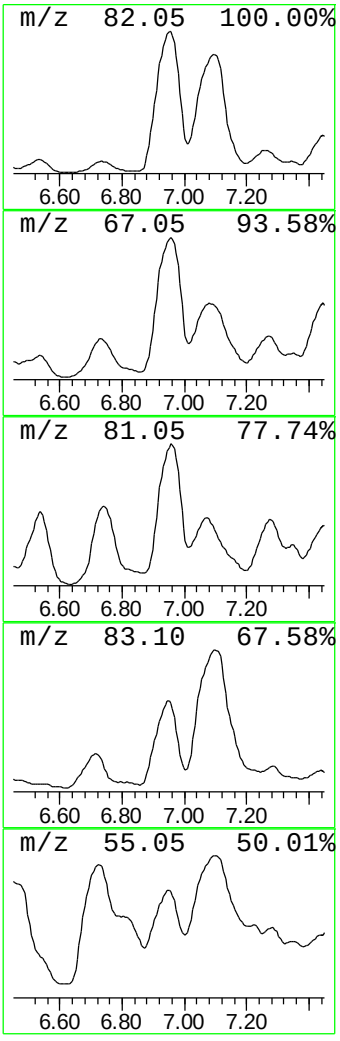
Peak Number 15 Cyclohexane, 1-propenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	21.08 ng/ul	67974200	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	64
2	Propylidencyclohexane	124	C9H16	002129-93-3	43
3	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	43
4	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	43
5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38





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Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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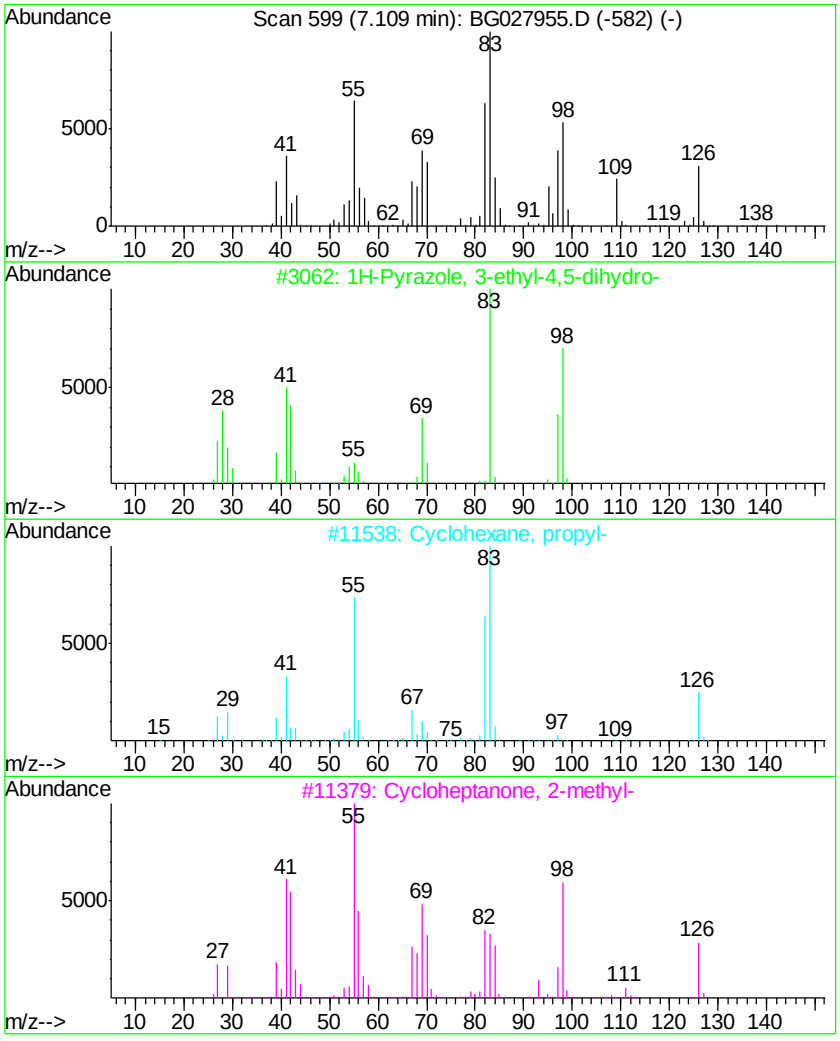
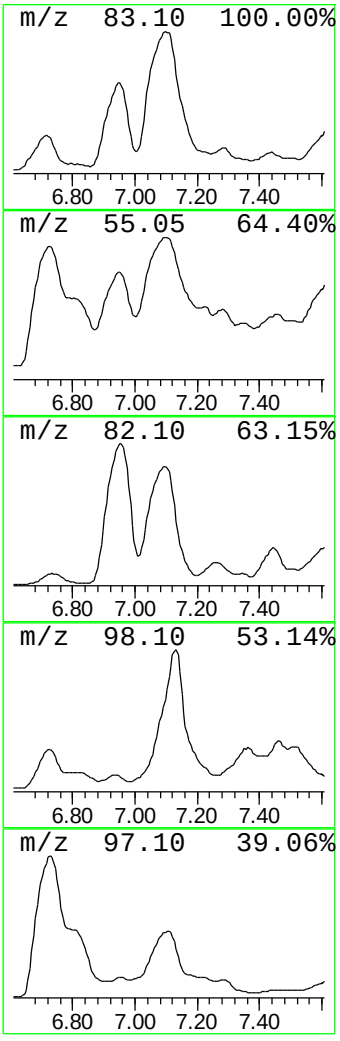
Peak Number 16 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	39.84 ng/ul	128461000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	43
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
3	Cycloheptanone, 2-methyl-	126	C8H14O	000932-56-9	38
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	38
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35





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Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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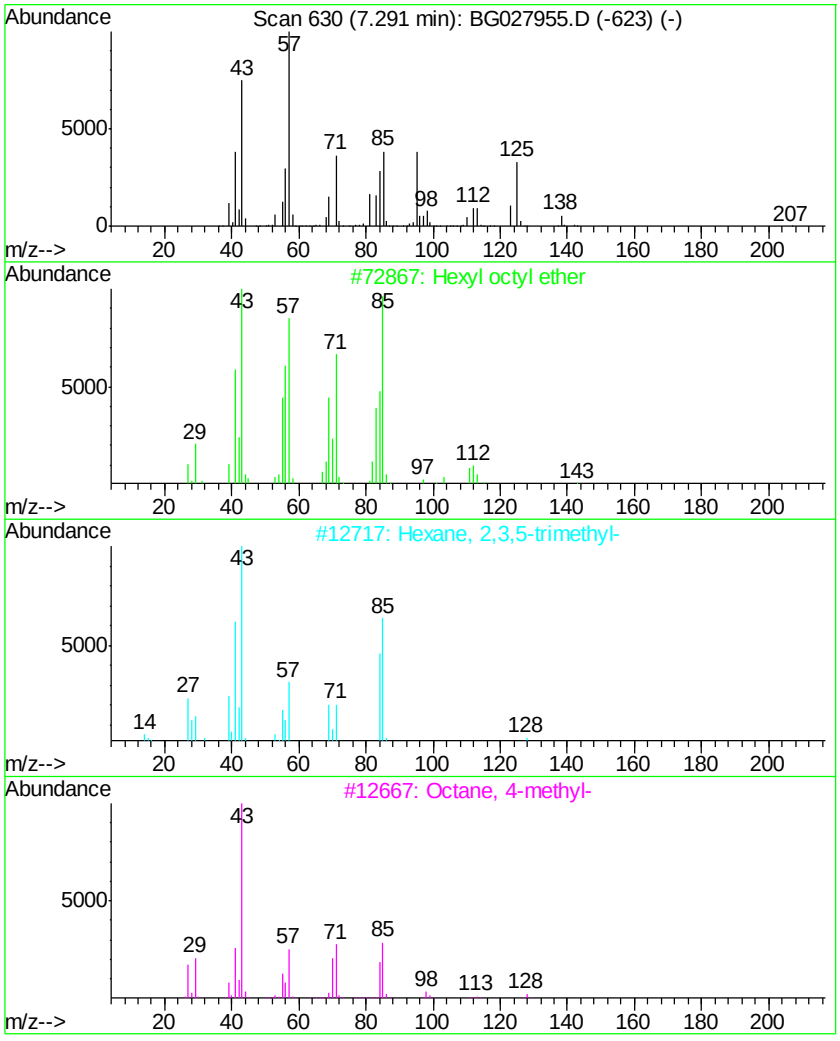
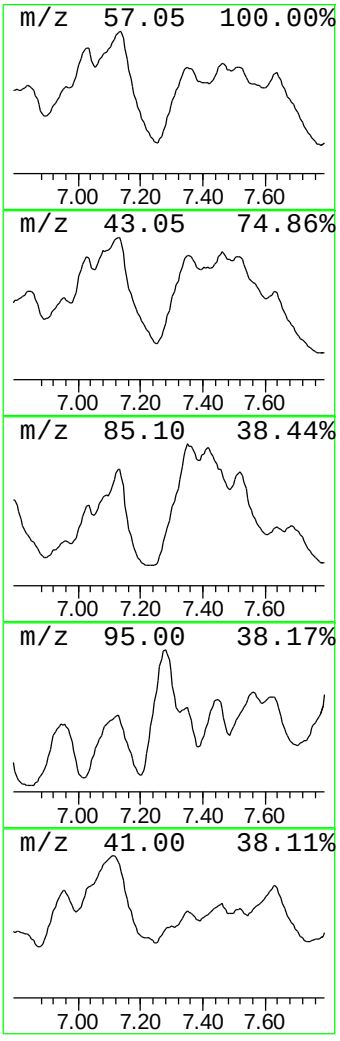
Peak Number 17 unknown-02 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.21 ng/ul	7113000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	017071-54-4	27
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	25
3	Octane, 4-methyl-	128	C9H20	002216-34-4	22
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	18
5	Nonane	128	C9H20	000111-84-2	14





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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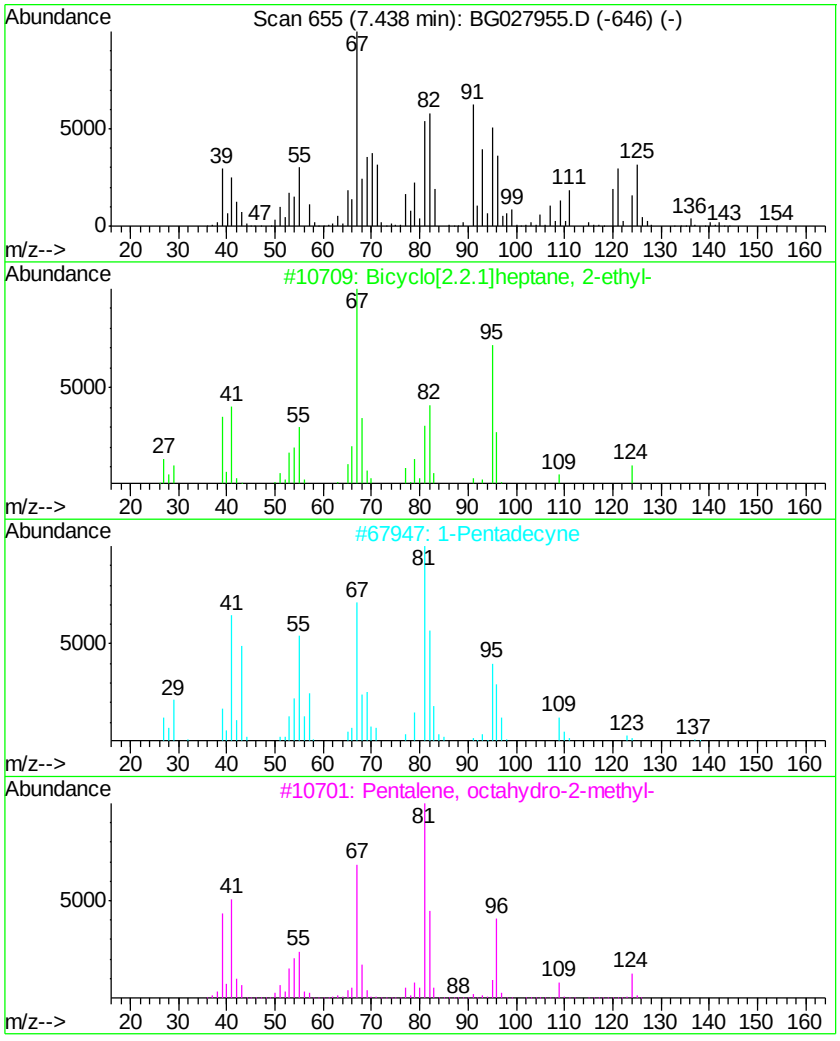
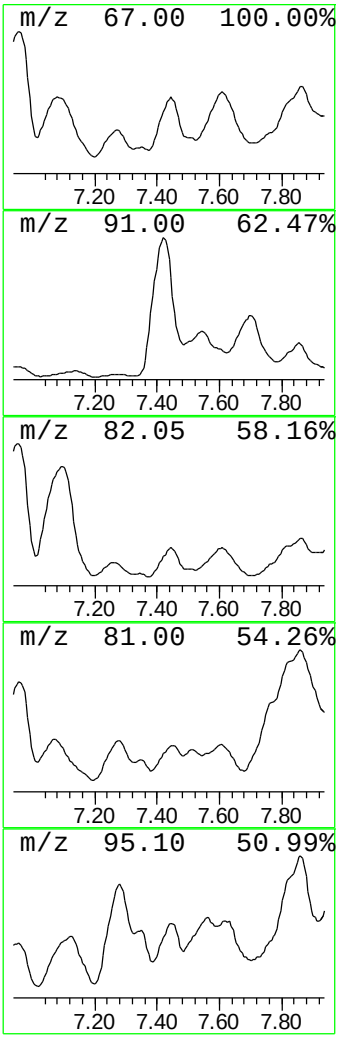
Peak Number 18 Bicyclo[2.2.1]heptane, 2-et... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	6.48 ng/ul	20905700	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	55
2	1-Pentadecyne	208	C15H28	000765-13-9	50
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	45
5	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	43





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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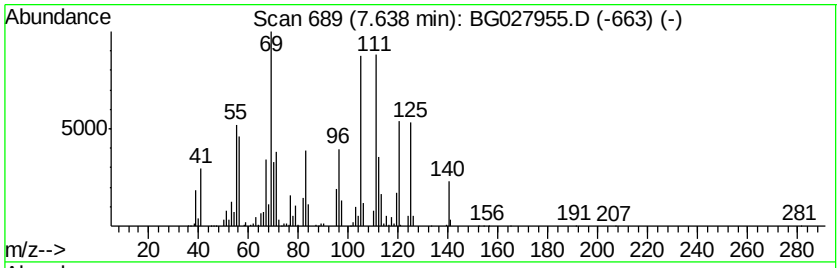
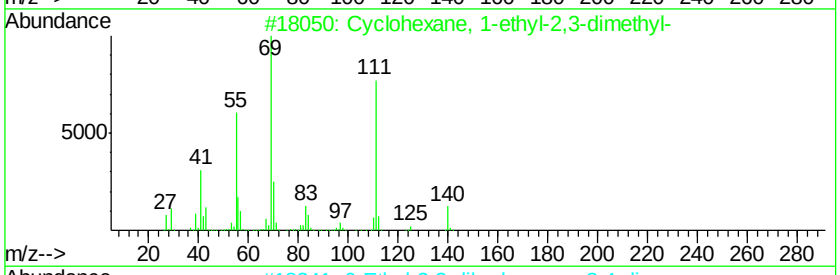
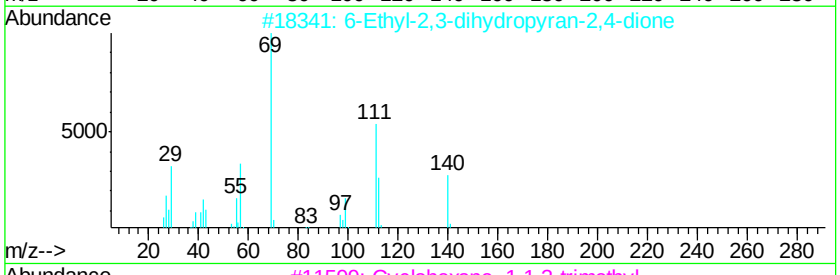
Peak Number 19 (DEL) Alkane: Cyclic7.64 Concentration Rank 14

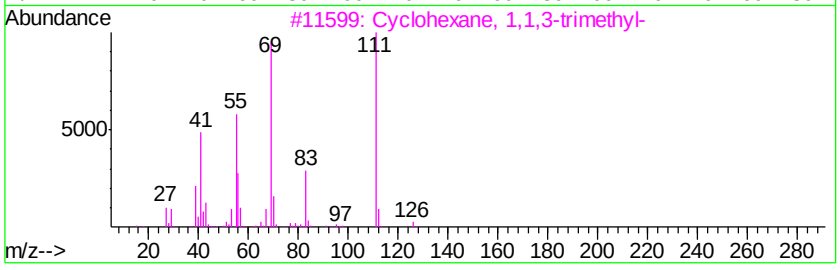
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	37.06 ng/ul	119499000	1,4-Dichlorobenzene-d4	8.45

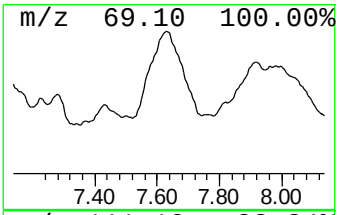
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38
2	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	35
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	30
5	3-Nonene, 2-methyl-	140	C10H20	053966-53-3	22

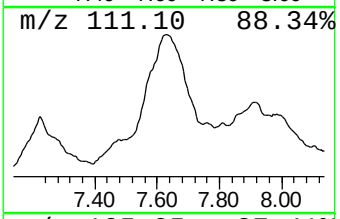


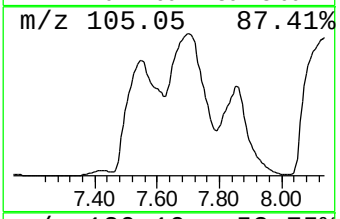


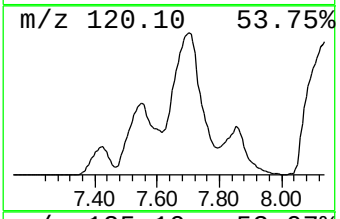


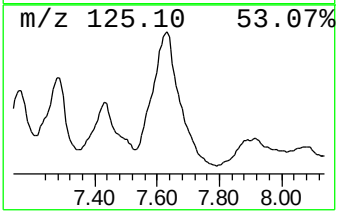












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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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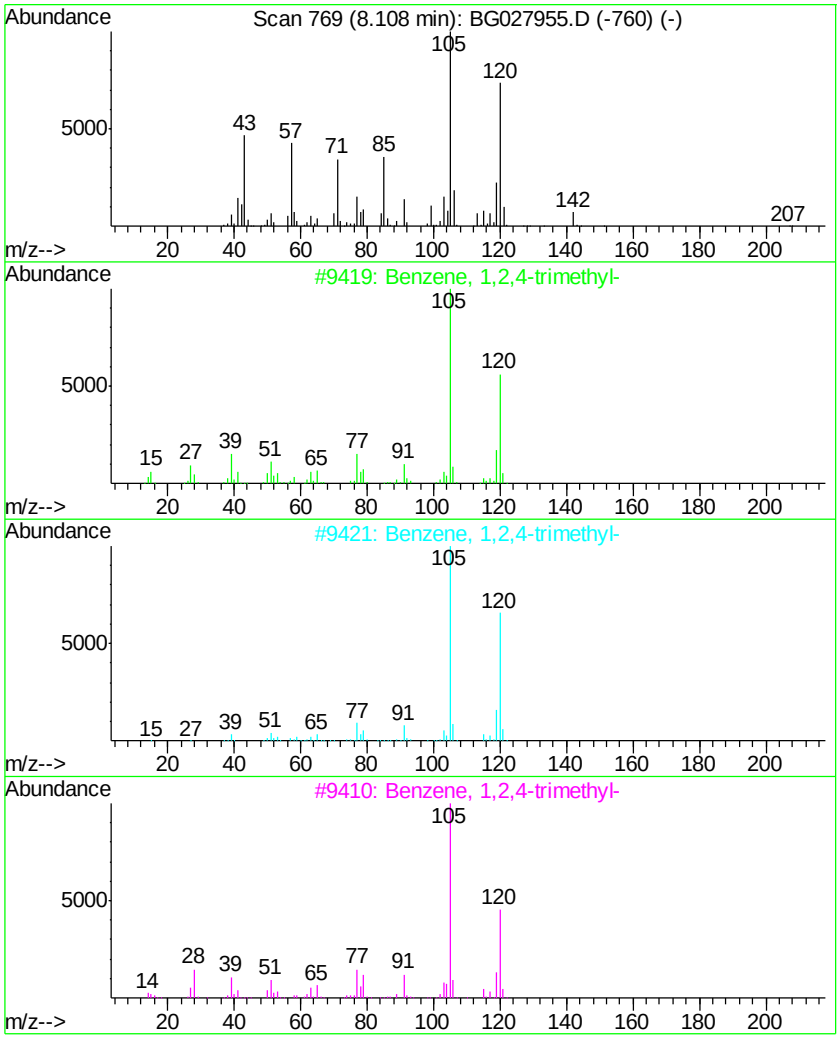
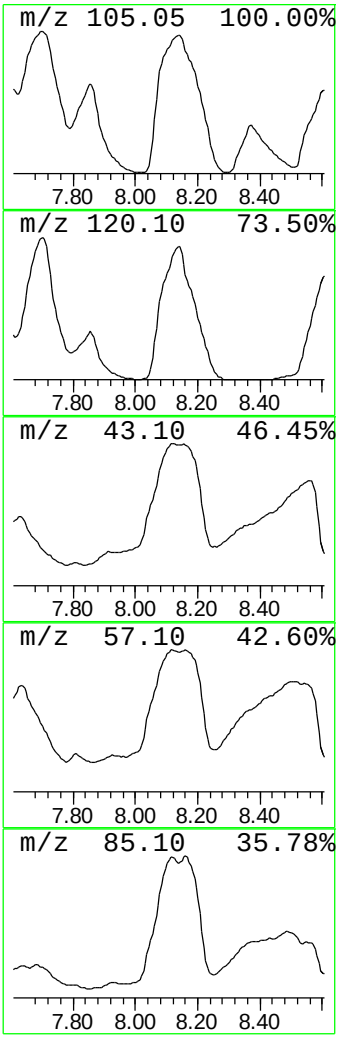
Peak Number 20 Benzene, 1,2,4-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	4.14 ng/ul	13337200	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
5	Mesitylene	120	C9H12	000108-67-8	62





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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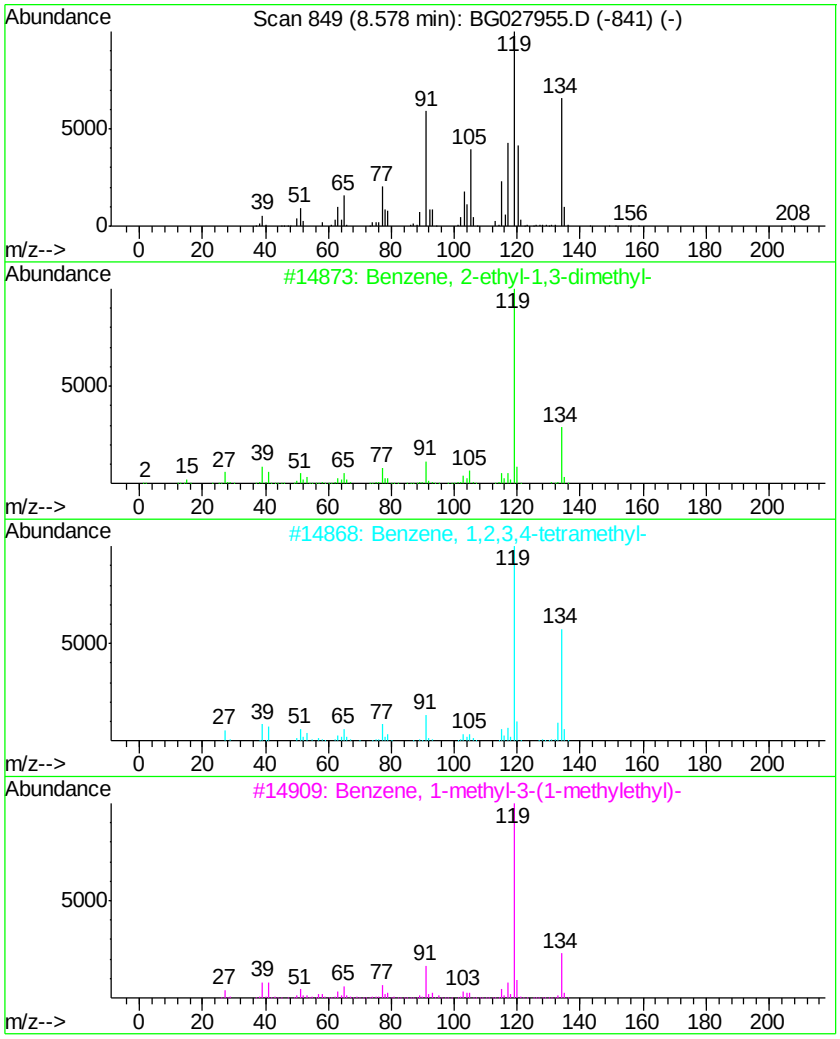
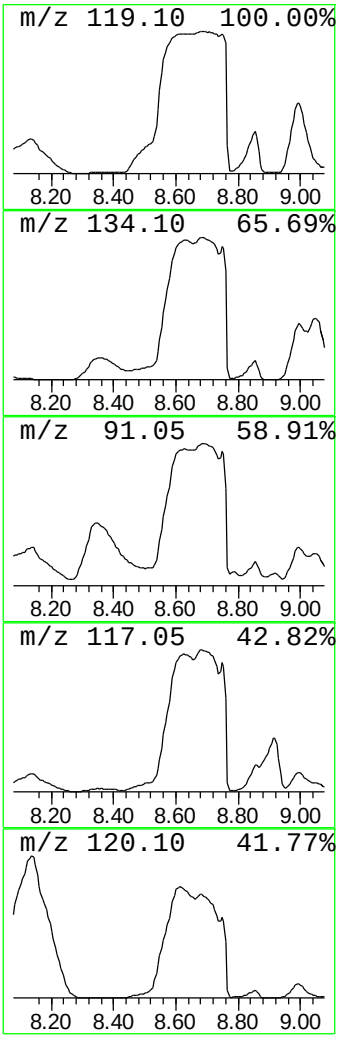
Peak Number 21 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	20.00 ng/ul	64490400	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	49
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49





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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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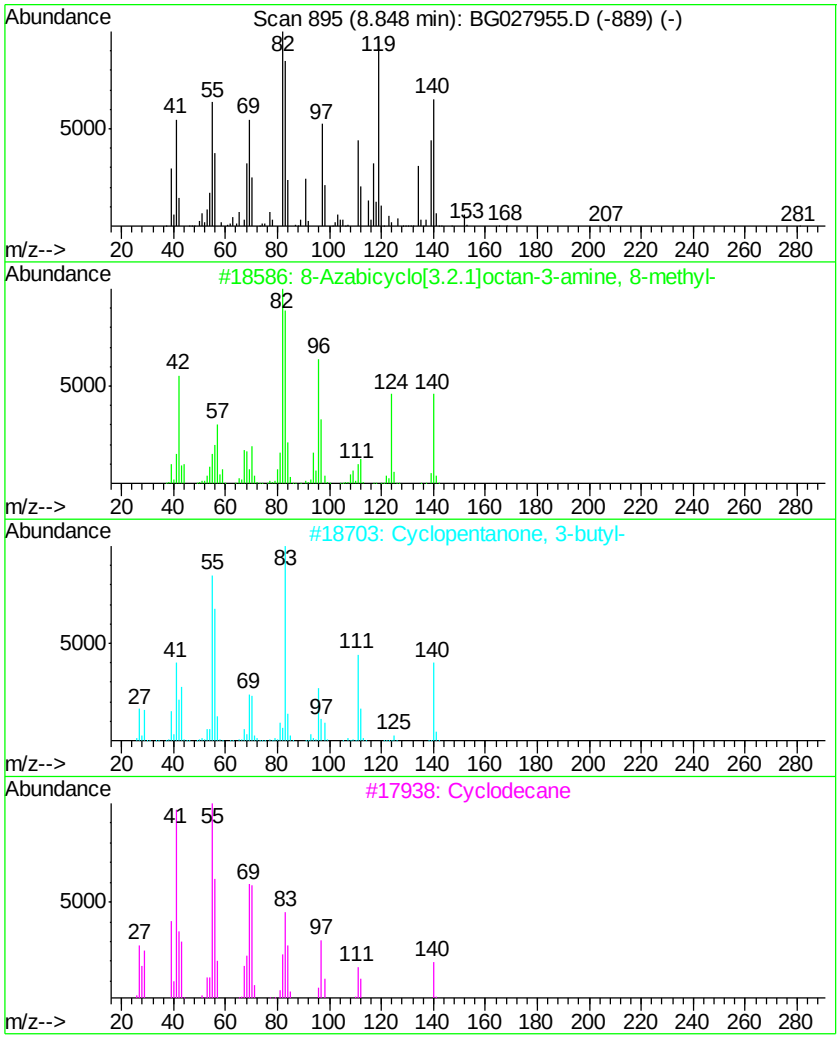
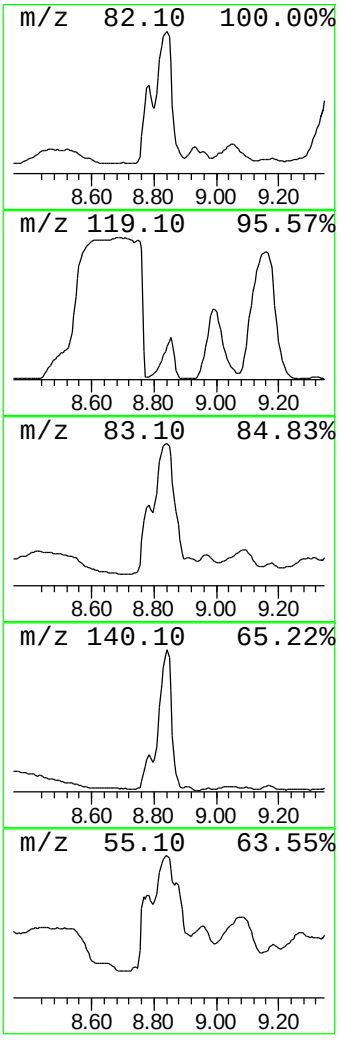
Peak Number 22 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	13.79 ng/ul	44461100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Azabicyclo[3.2.1]octan-3-amine...	140	C8H16N2	098998-25-5	43
2	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	30
3	Cyclodecane	140	C10H20	000293-96-9	30
4	o-Cymene	134	C10H14	000527-84-4	25
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25





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Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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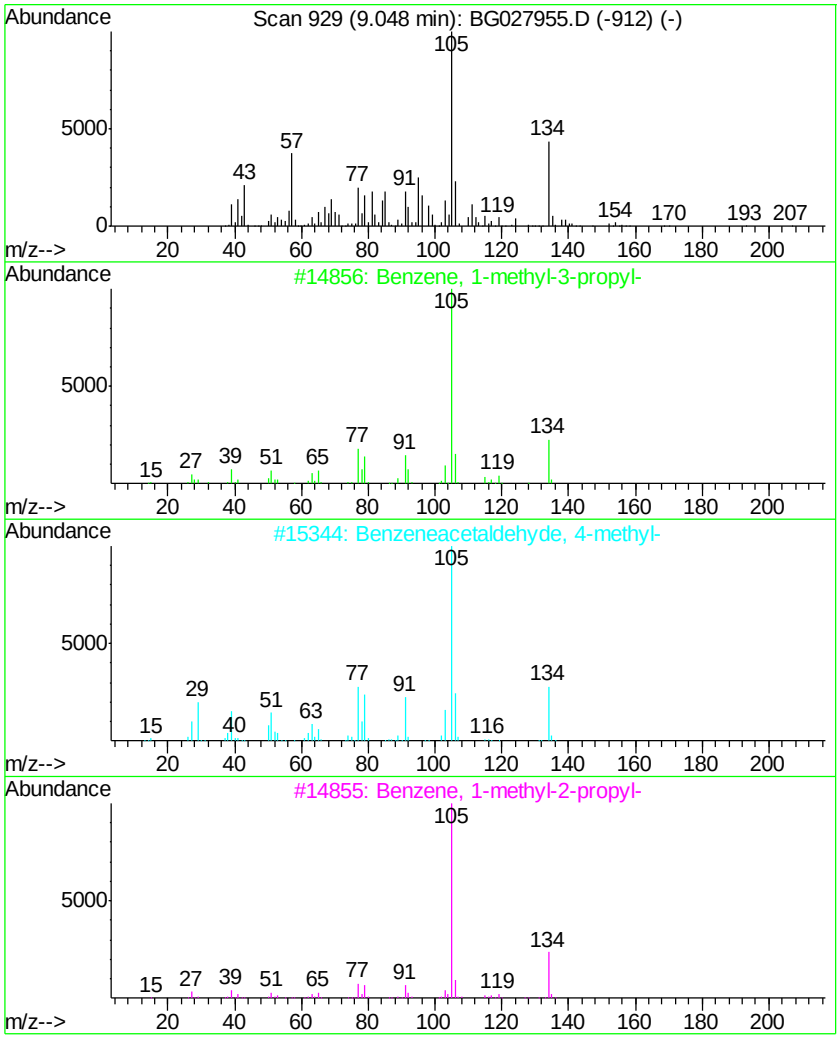
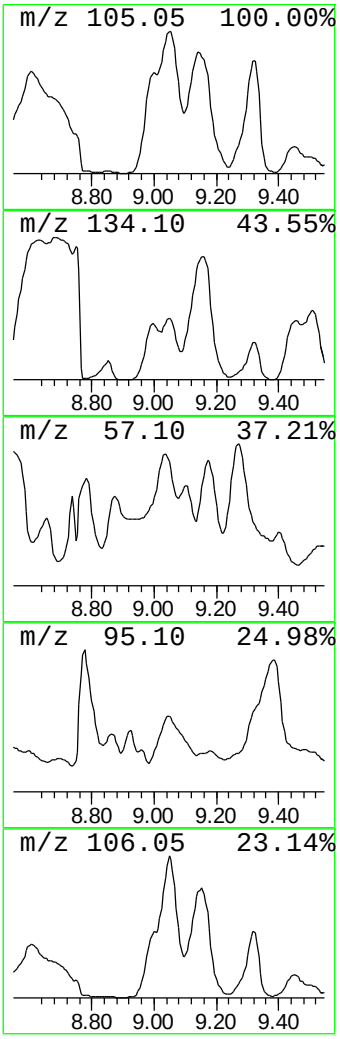
Peak Number 23 Benzene, 1-methyl-3-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	15.89 ng/ul	51225100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	55
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	45





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Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

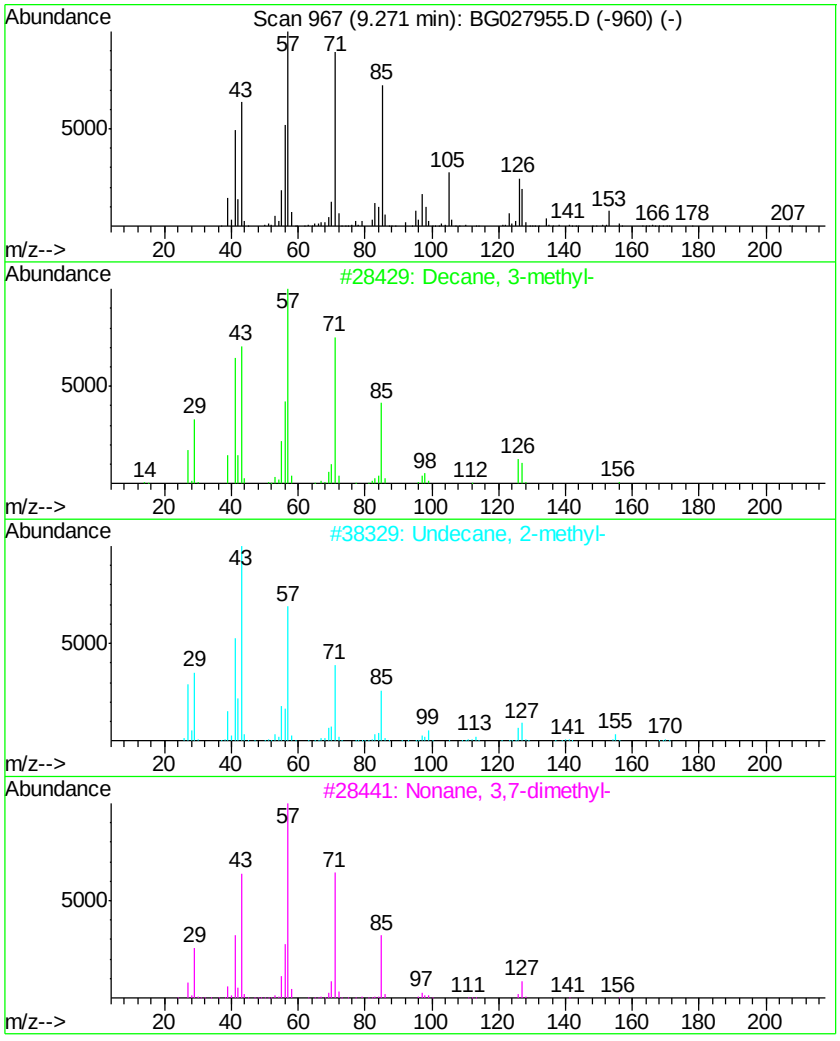
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

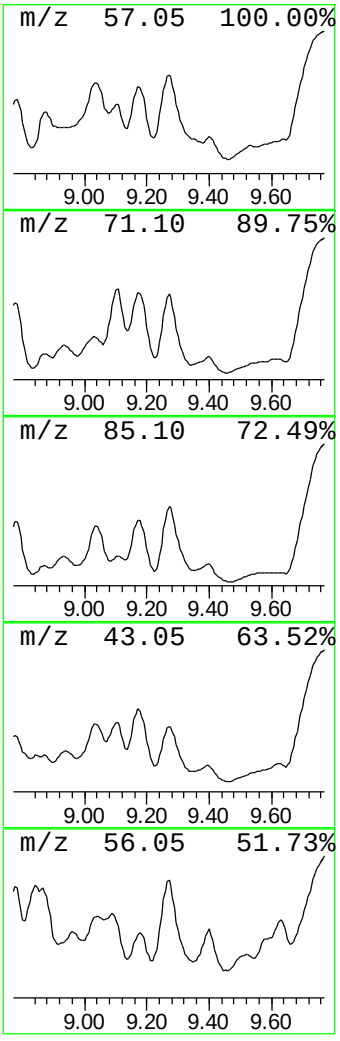
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.91 ng/ul	15834600	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	74
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47
5	Decane, 2-methyl-	156	C11H24	006975-98-0	38





Library Search Compound Report

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Data File : BG027955.D
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Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

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Quant Title : SVOA CALIBRATION

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

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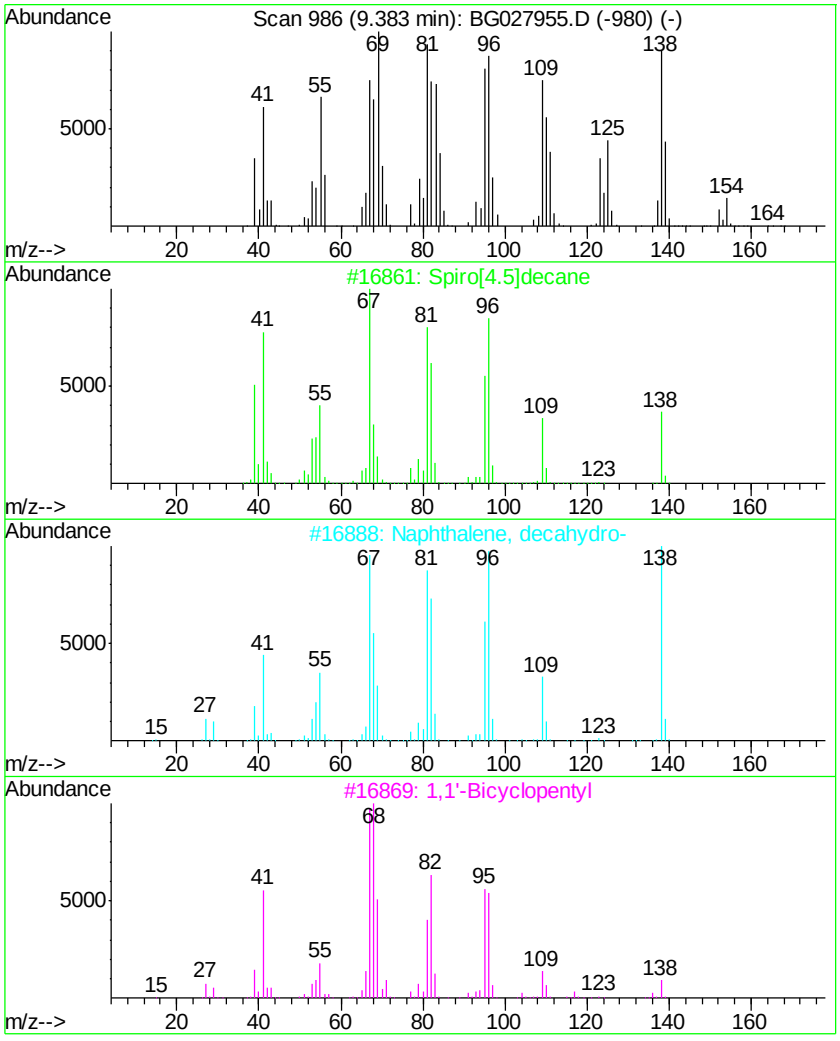
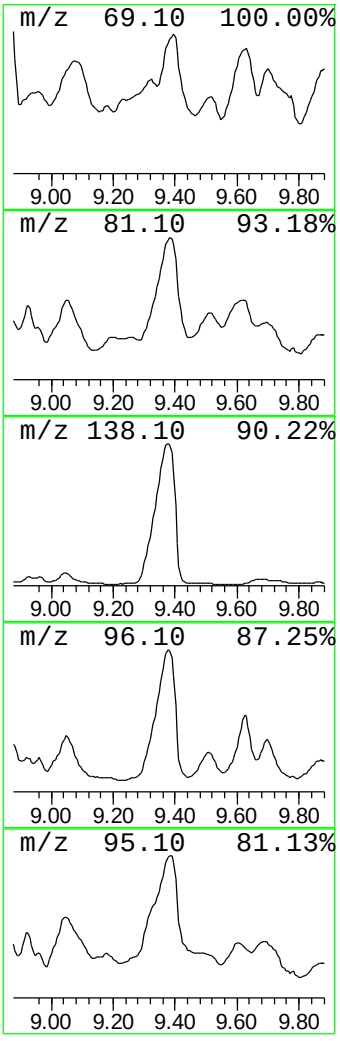
Peak Number 25 Spiro[4.5]decane Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	12.70 ng/ul	40944300	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]decane	138	C10H18	000176-63-6	58
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	55
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	50
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	49
5	Cyclodecene	138	C10H18	003618-12-0	46





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ClientSampleId : BC2Y8

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Quant Title : SVOA CALIBRATION

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

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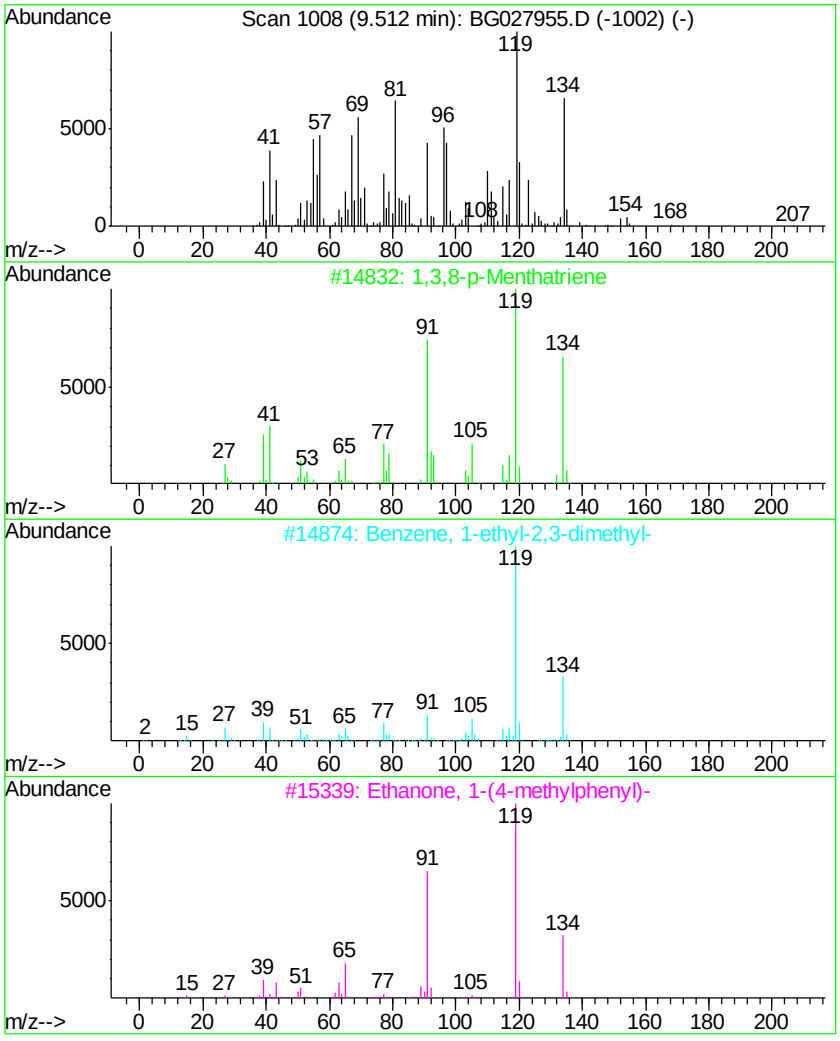
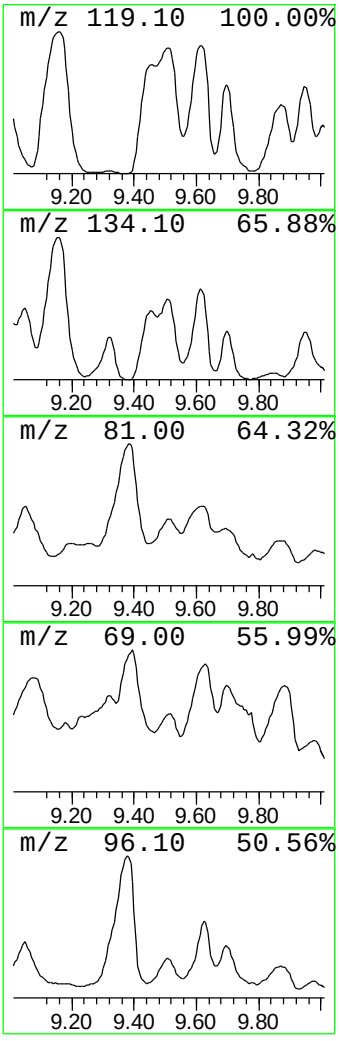
Peak Number 26 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.15 ng/ul	19838000	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	38
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30
3	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	30
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	30
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	30





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Quant Title : SVOA CALIBRATION

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

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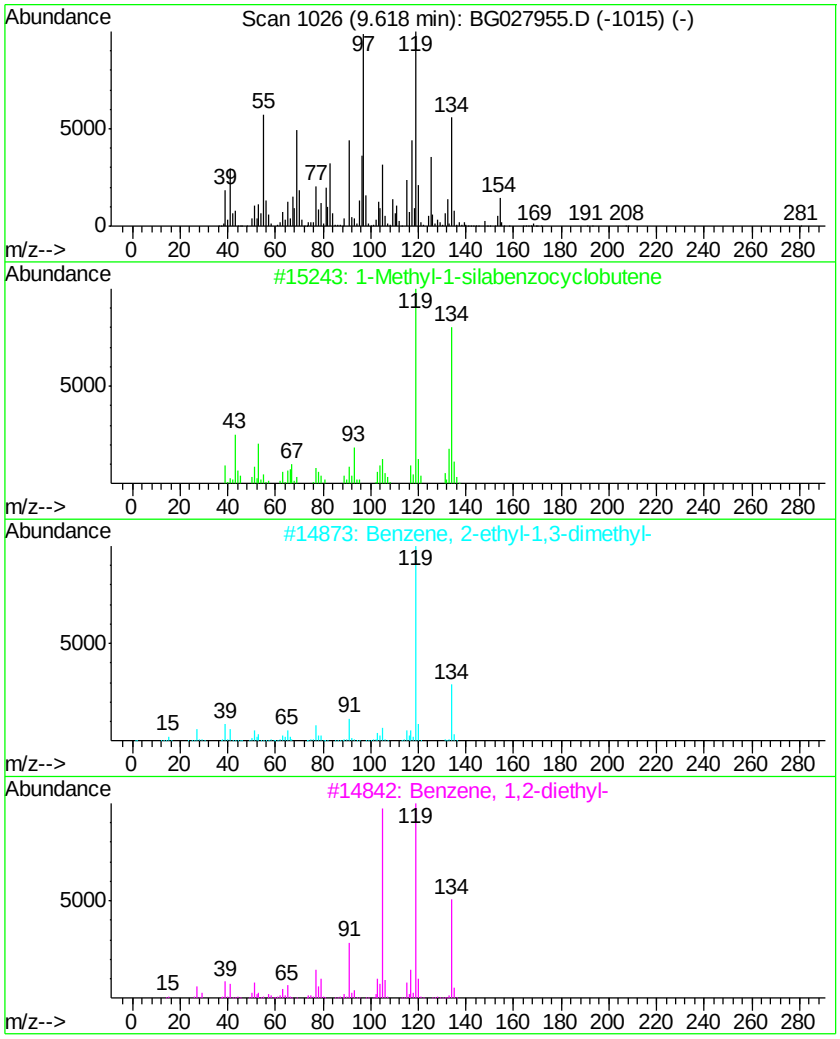
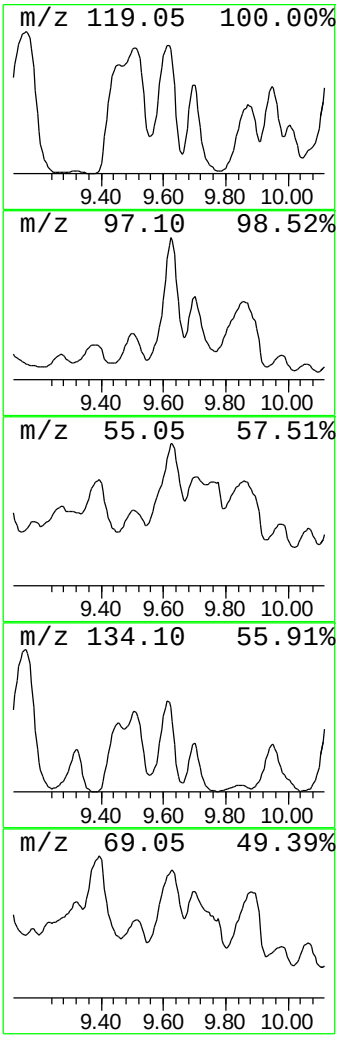
Peak Number 27 unknown-05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	20.15 ng/ul	64966400	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	38
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	30
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	30
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	30





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Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

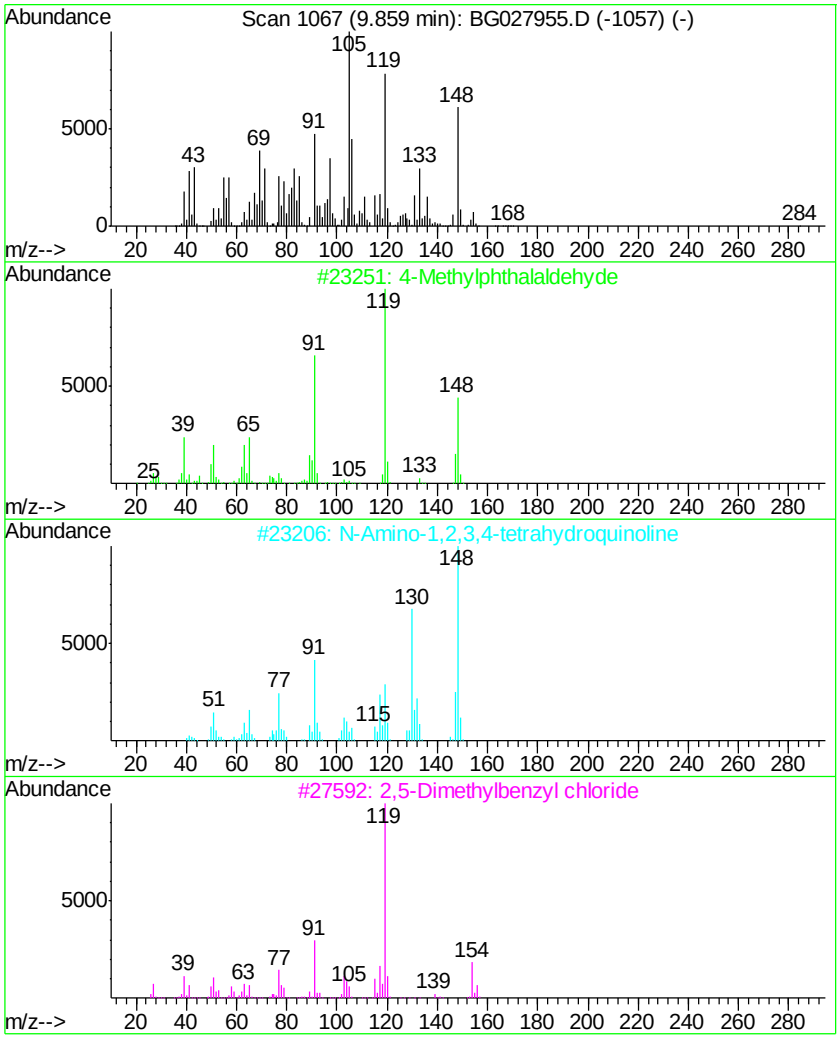
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

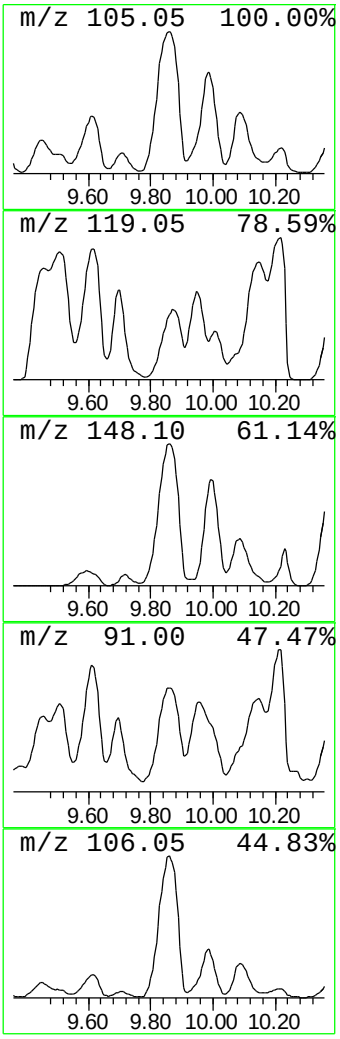
****

Peak Number 28 unknown-06 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	20.78 ng/ul	67007100	1,4-Dichlorobenzene-d4	8.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphthalaldehyde	148	C9H8O2	015158-36-8	43
2	N-Amino-1,2,3,4-tetrahydroquinoline	148	C9H12N2	1000305-92-6	35
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	30
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	30
5	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

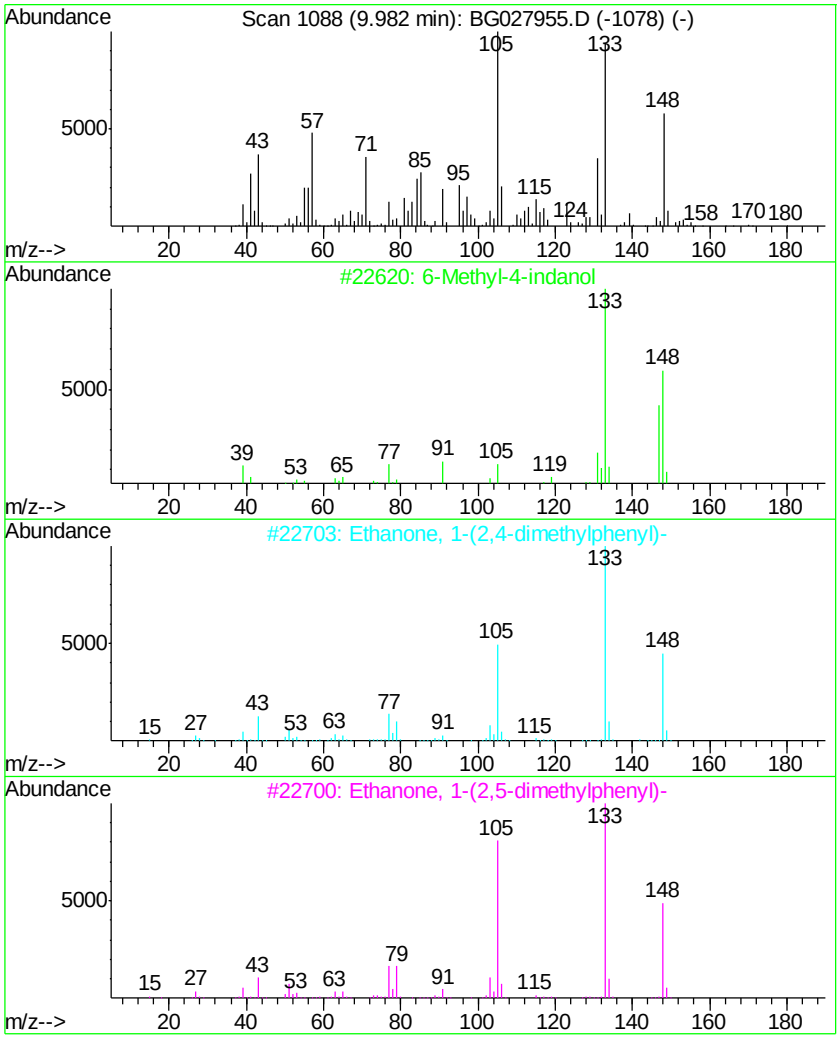
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

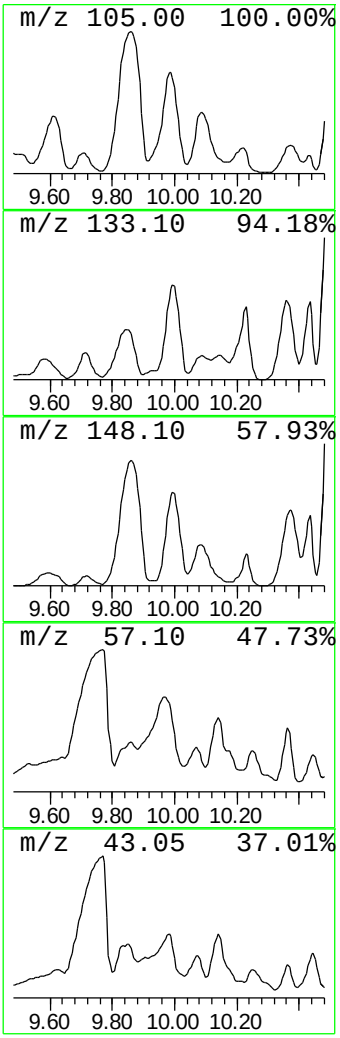
****

Peak Number 29 unknown-07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	25.84 ng/ul	52466600	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	38
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	38
3	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	38
4	Pyrazine, 2,5-dimethyl-3-(1-prop...	148	C9H12N2	055138-73-3	38
5	3,7,7-Trimethyl-1-penta-1,3-dien...	204	C14H20O	1000195-41-4	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

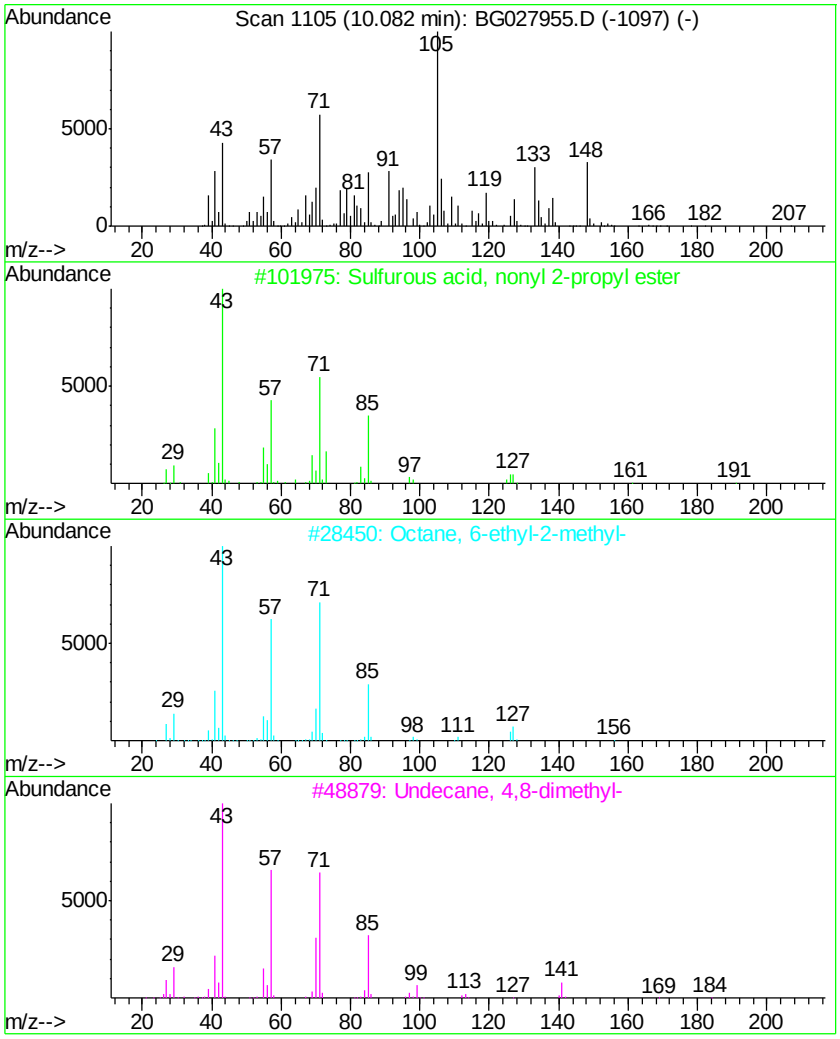
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

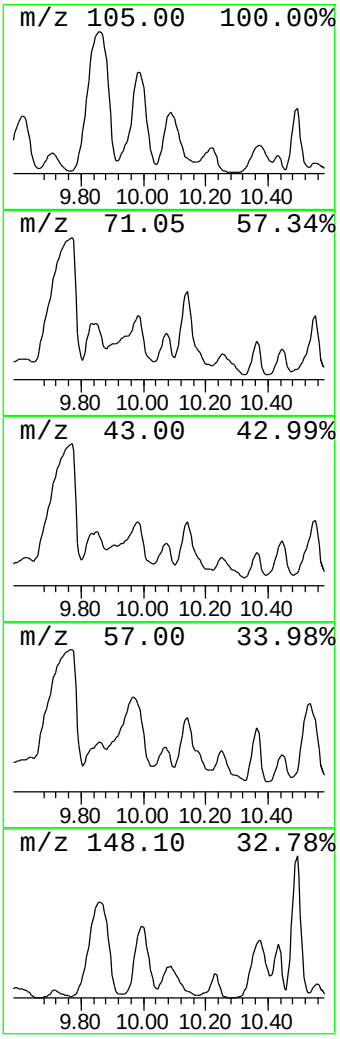
****

Peak Number 30 unknown-08 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	6.47 ng/ul	13137000	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	35
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	35
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	35
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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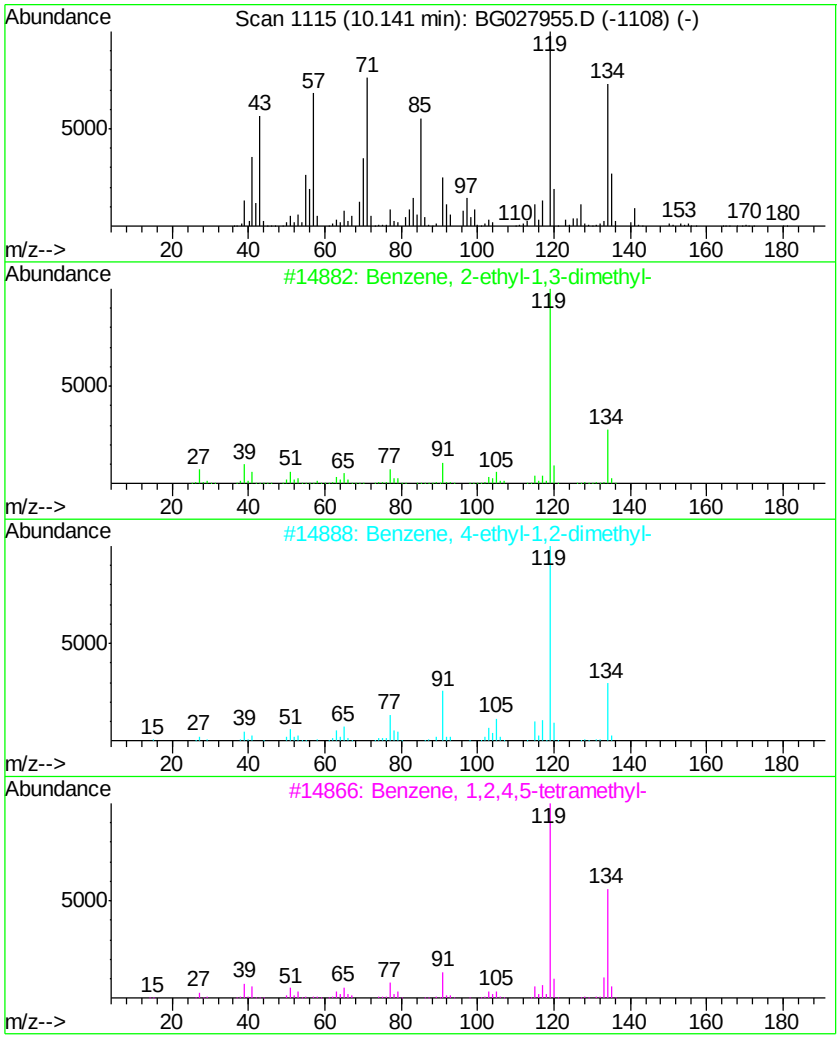
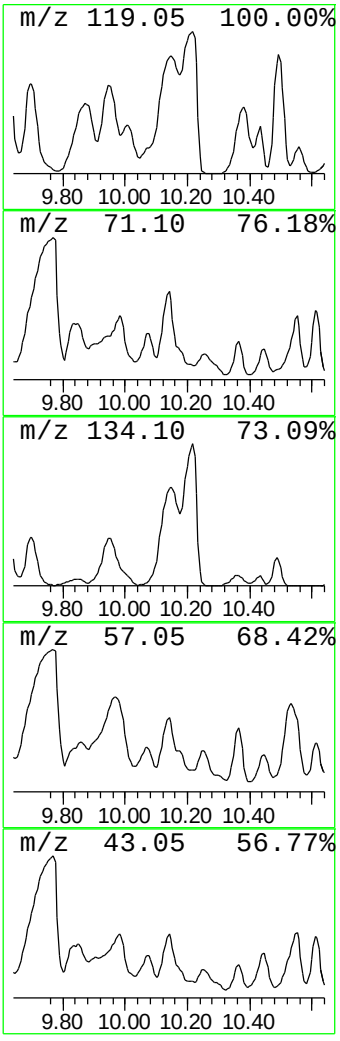
Peak Number 31 unknown-09 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	12.88 ng/ul	26148200	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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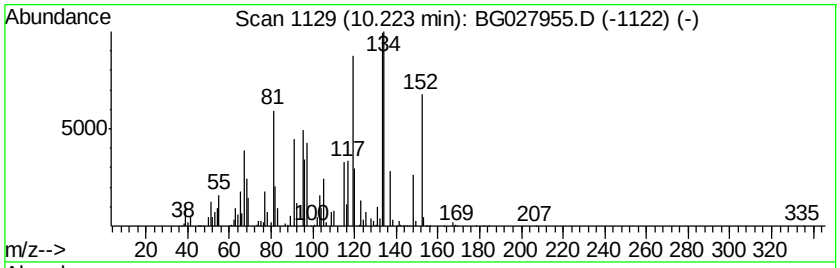
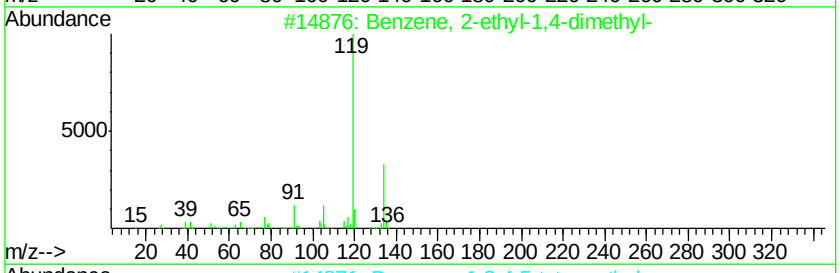
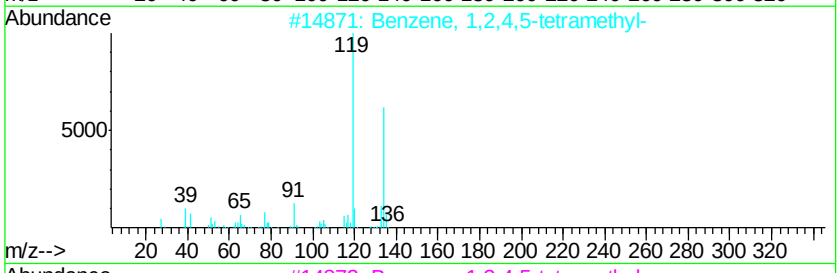
Peak Number 32 unknown-10 Concentration Rank 50

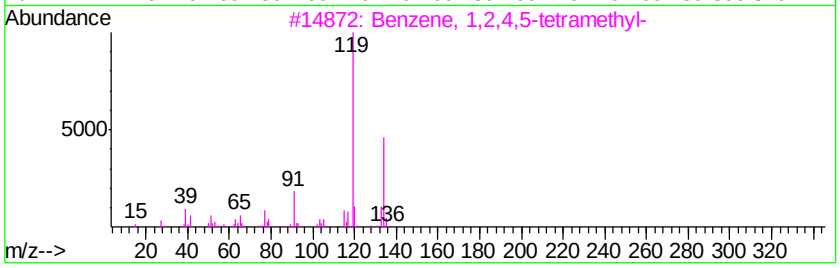
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	5.25 ng/ul	10666300	Naphthalene-d8	11.28

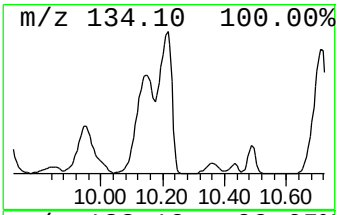
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	30
5	o-Cymene	134	C10H14	000527-84-4	30

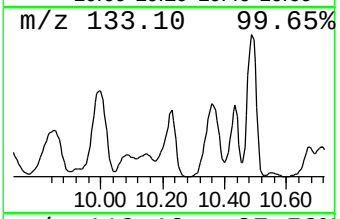


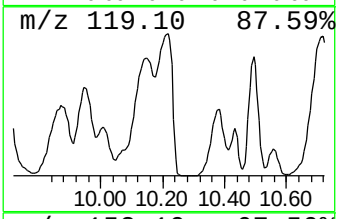


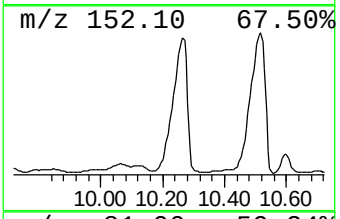


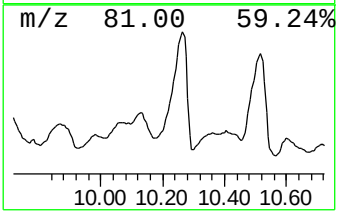












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

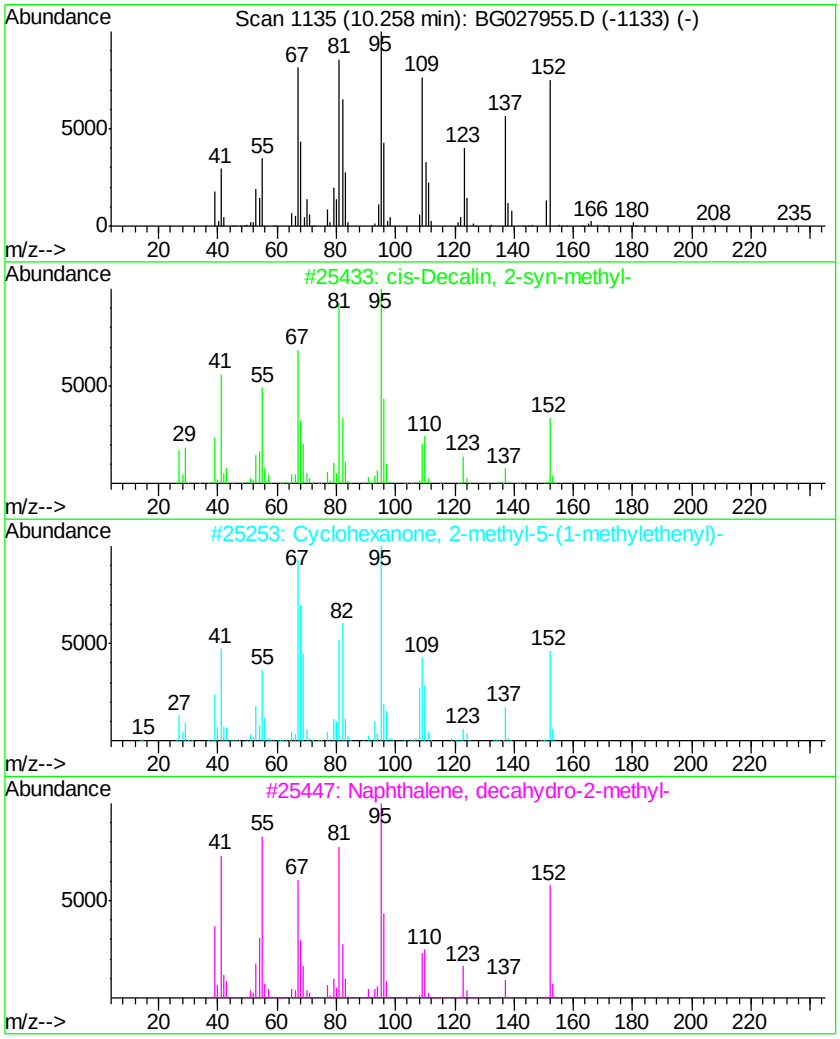
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

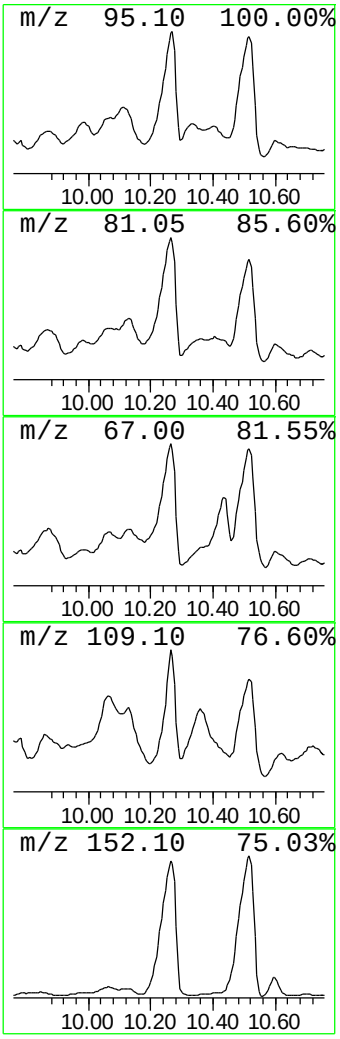
****

Peak Number 33 cis-Decalin, 2-syn-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	13.37 ng/ul	27152900	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	58
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	58
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

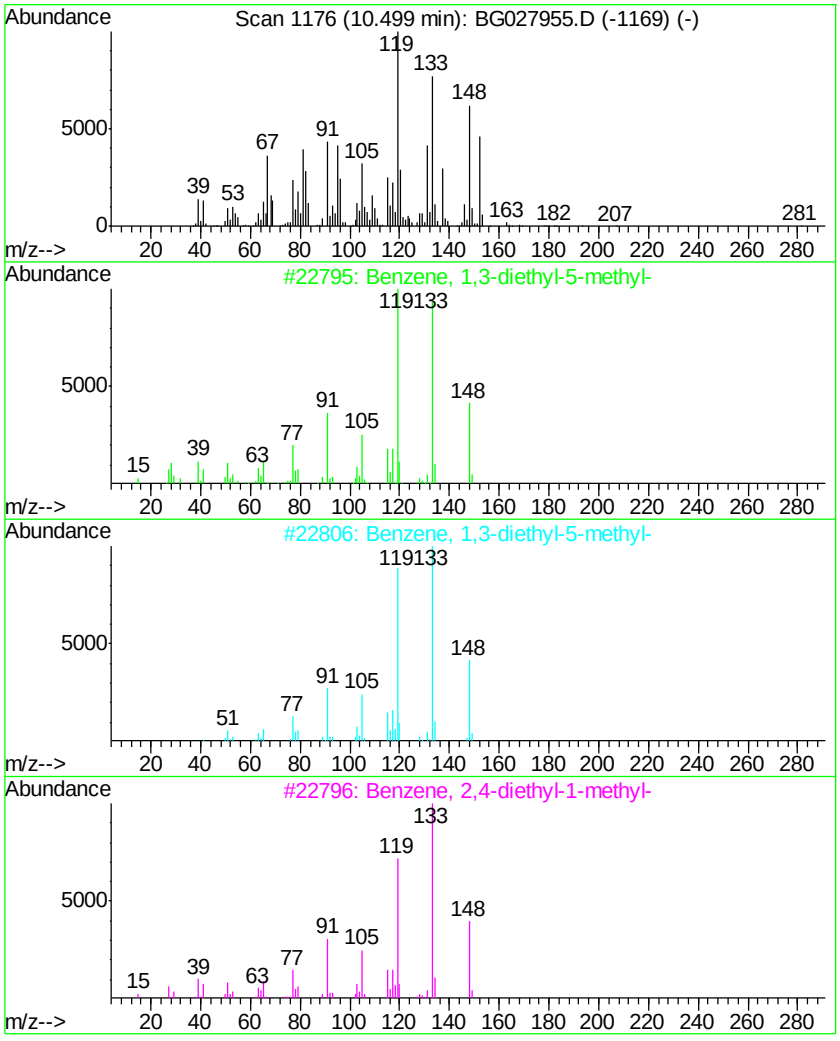
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

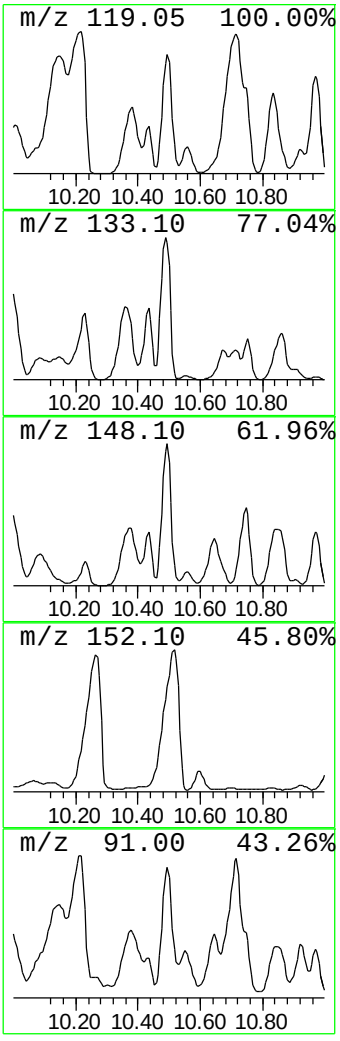
****

Peak Number 34 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	45.87 ng/ul	93133000	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	35
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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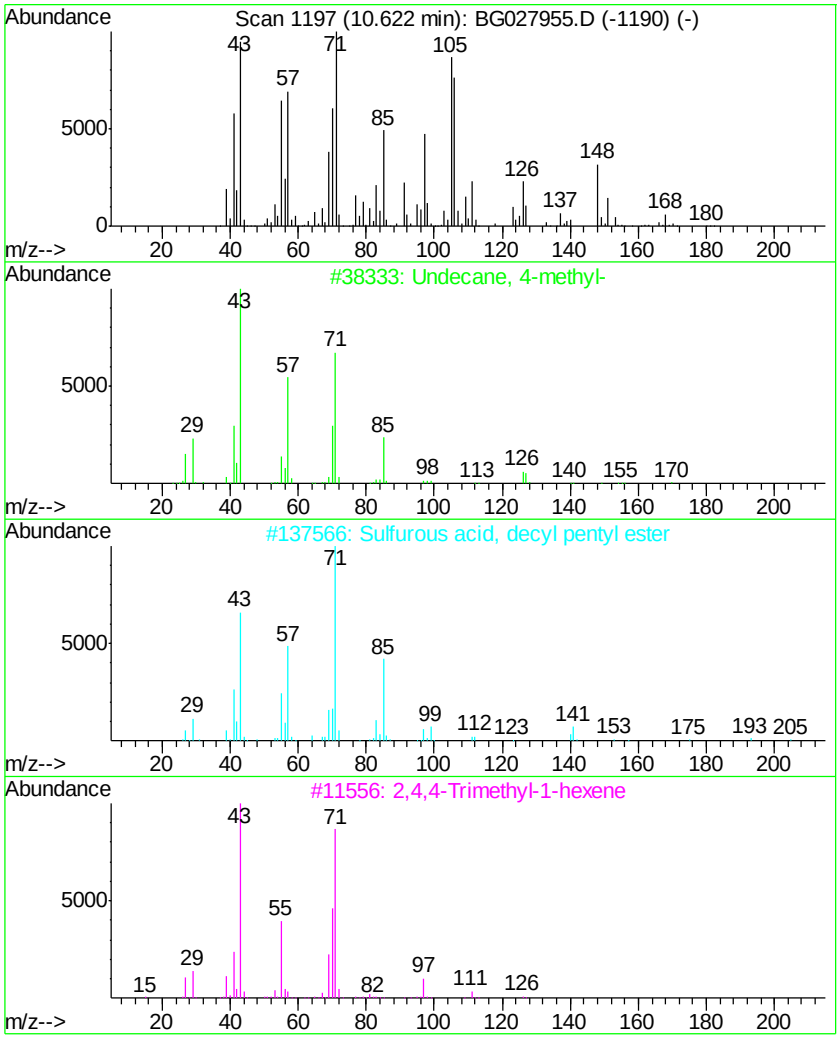
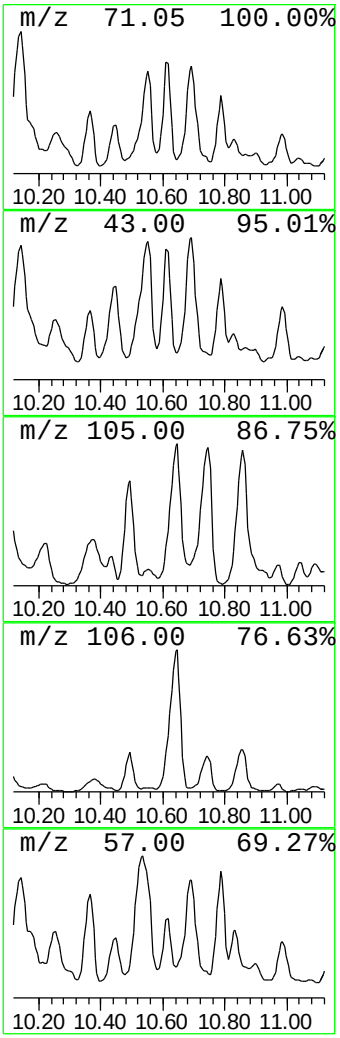
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.47 ng/ul	15162600	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	49
2	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	35
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	35
4	5-Ethyl-3-nonen-6-one	168	C11H20O	1000374-06-6	35
5	Sulfurous acid, isohexyl 2-penty...	236	C11H24O3S	1000309-15-5	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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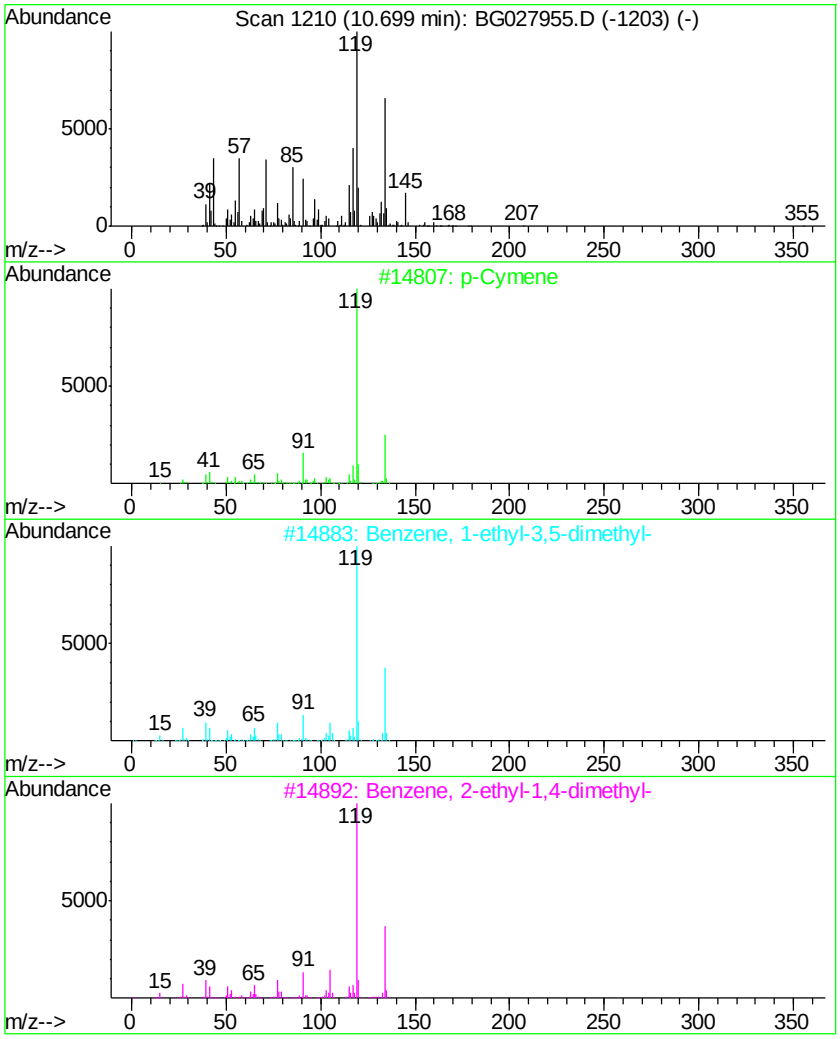
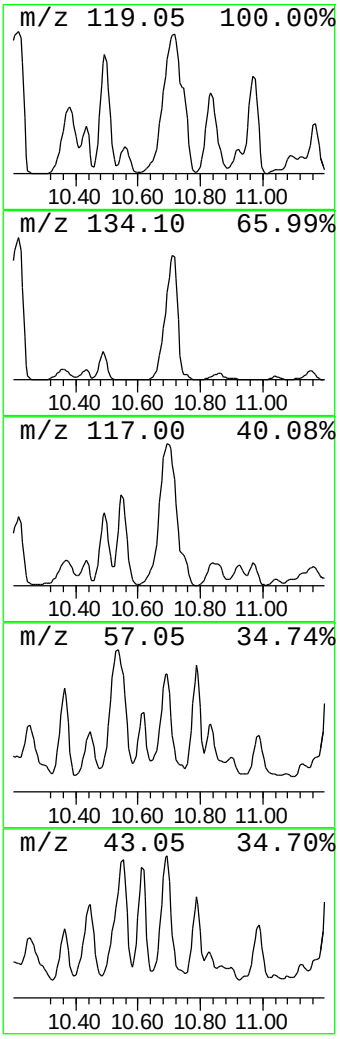
Peak Number 36 unknown-11 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	22.52 ng/ul	45718600	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	49
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	46
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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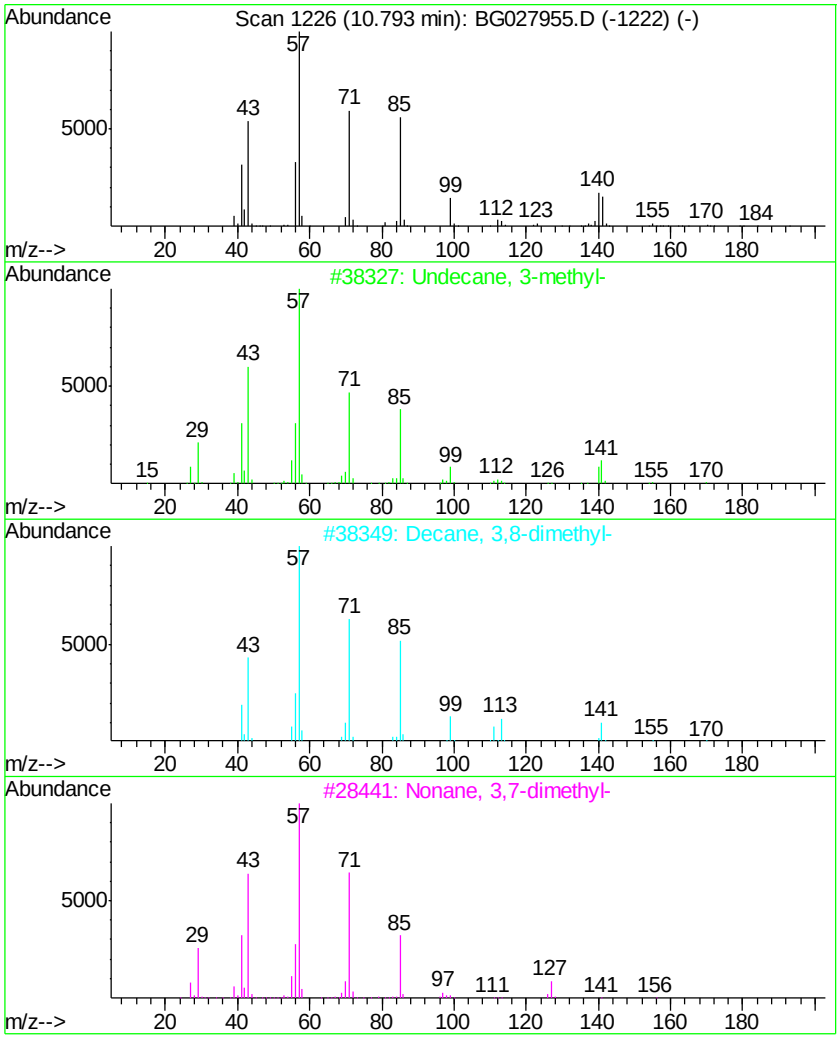
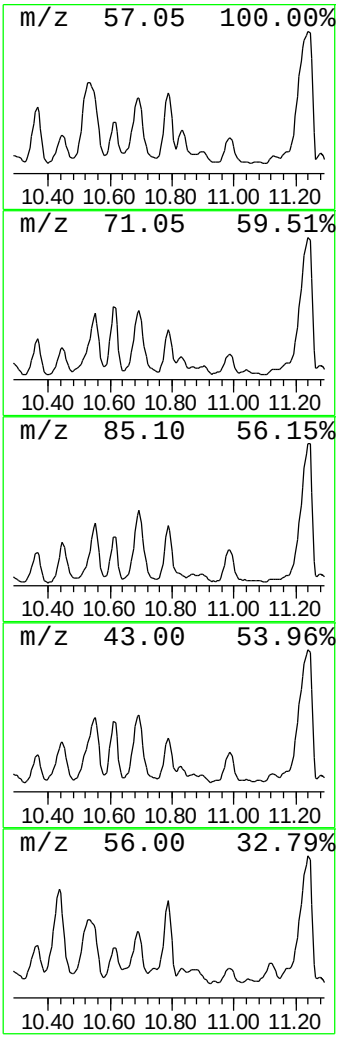
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.21 ng/ul	6508670	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	50
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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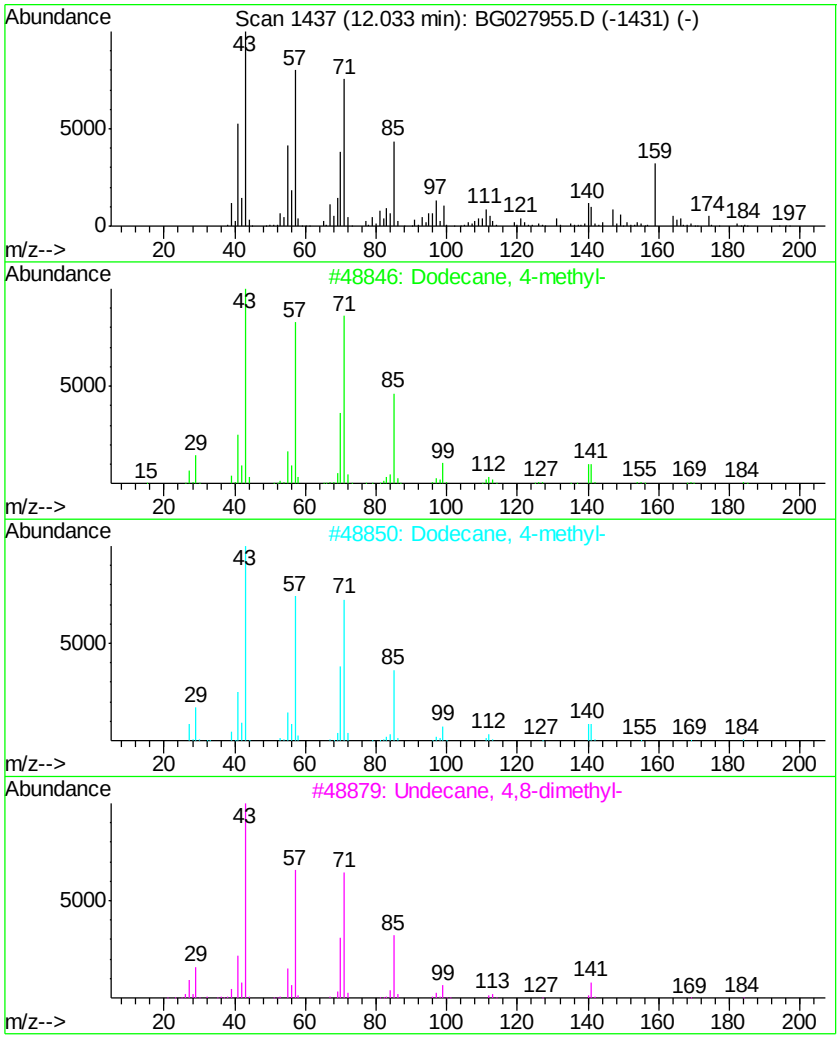
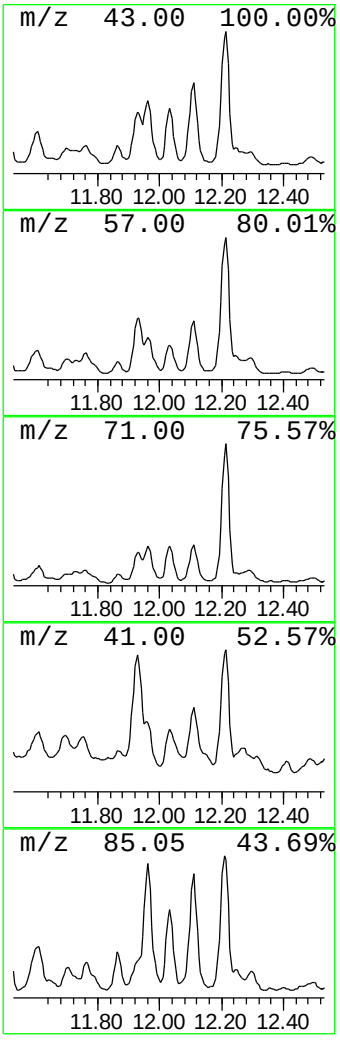
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.76 ng/ul	5608670	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	96
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	95
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59
5	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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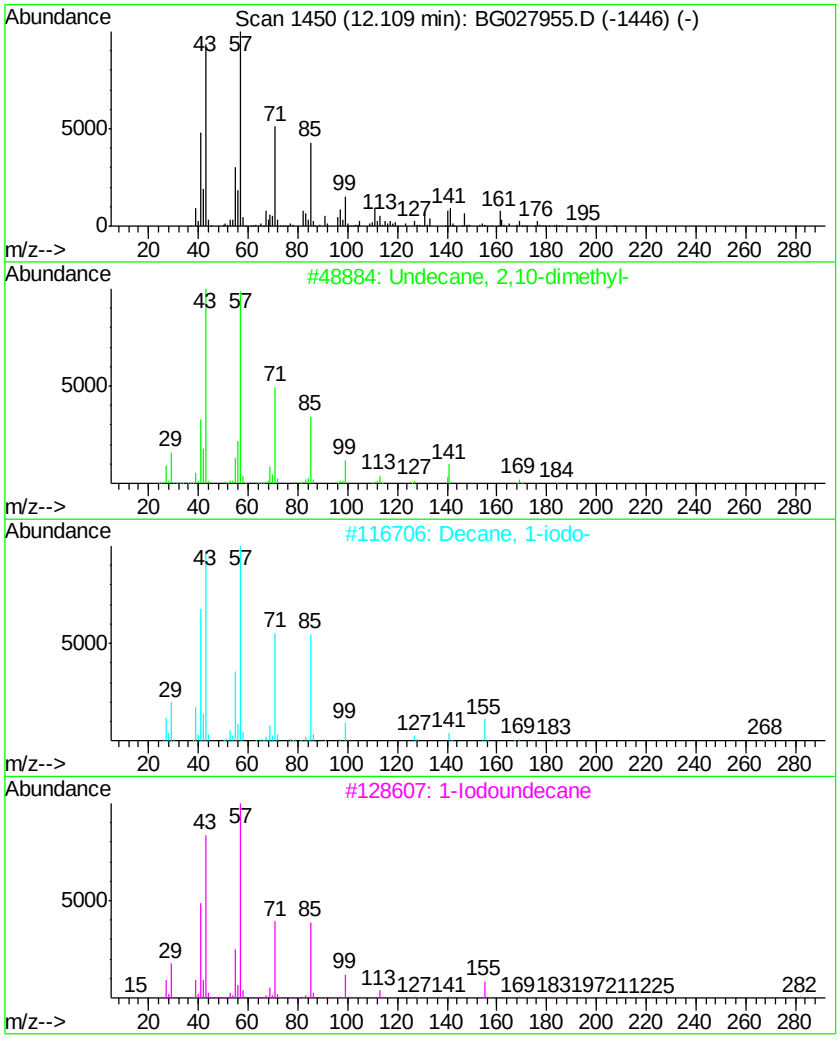
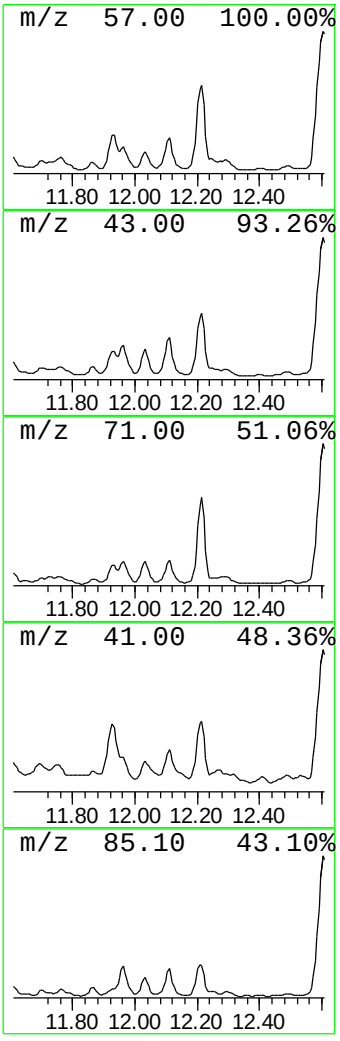
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.99 ng/ul	6067890	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	93
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	58
3	1-Iodoundecane	282	C11H23I	004282-44-4	58
4	Undecane, 4-ethyl-	184	C13H28	017312-59-3	53
5	Undecane	156	C11H24	001120-21-4	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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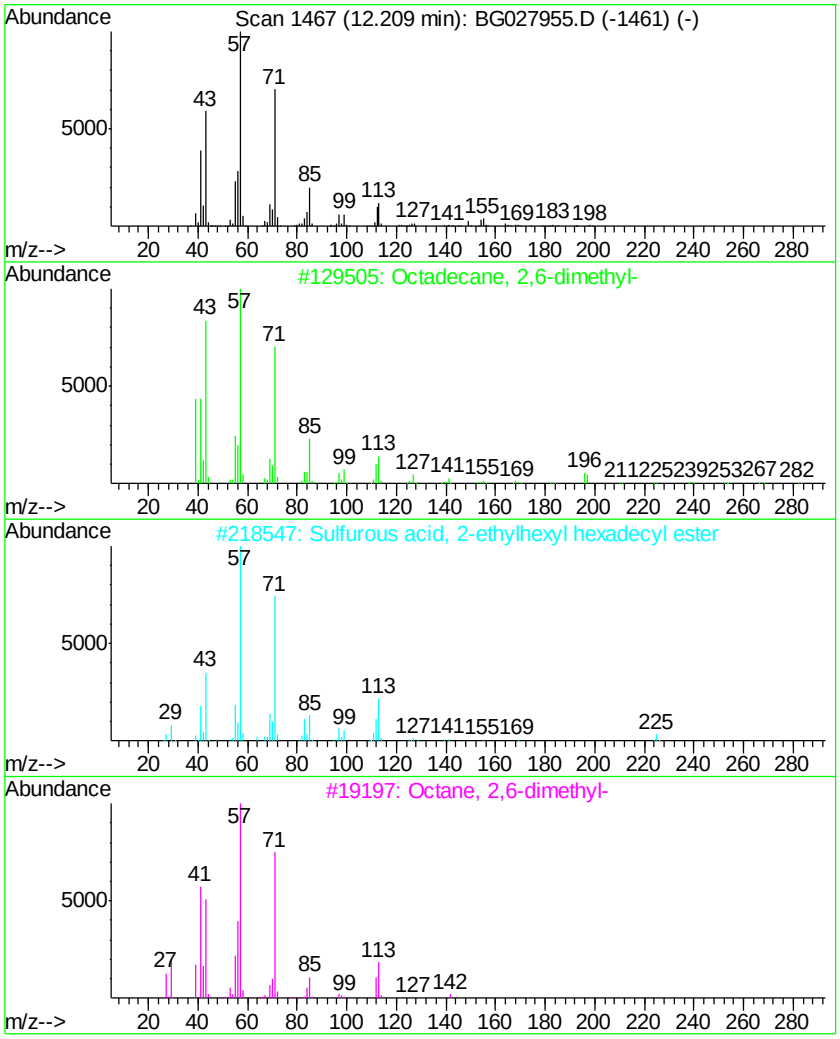
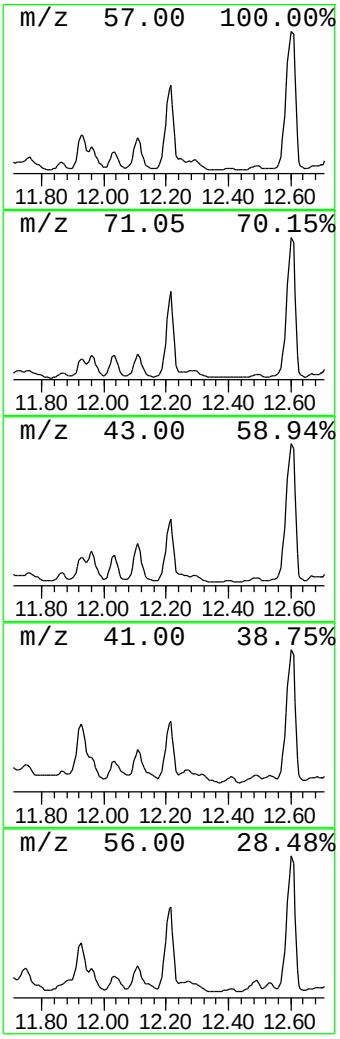
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.14 ng/ul	8404170	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	86
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	80
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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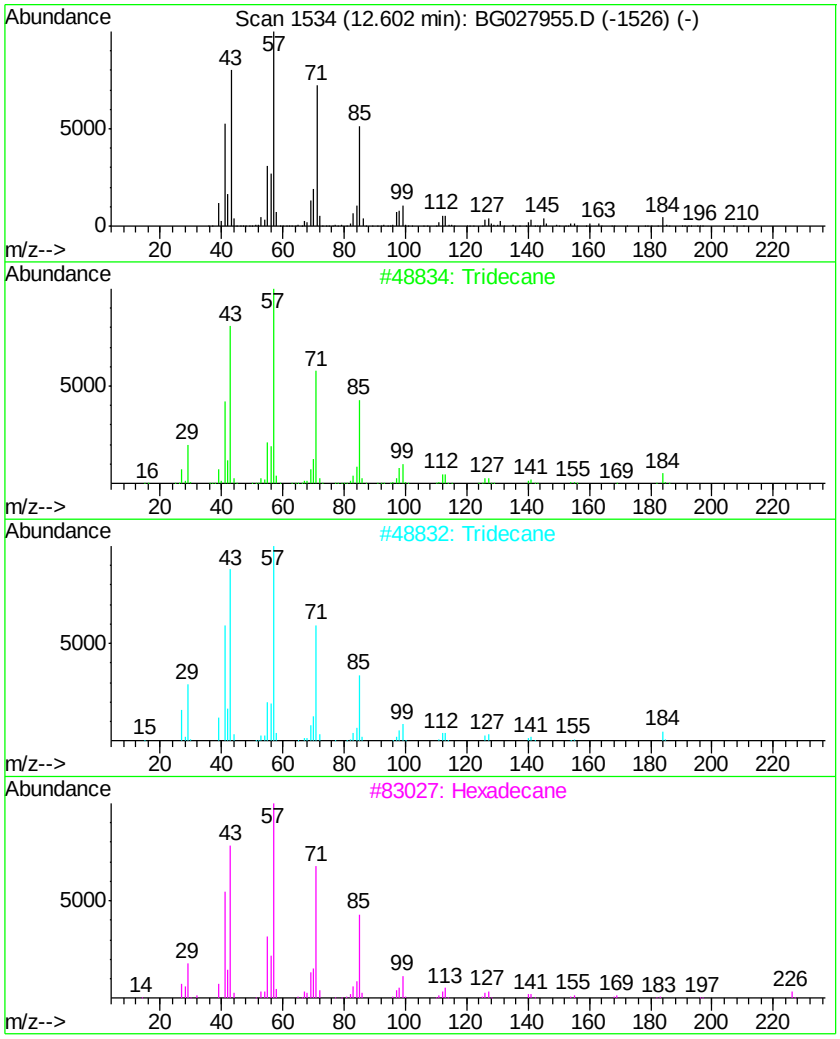
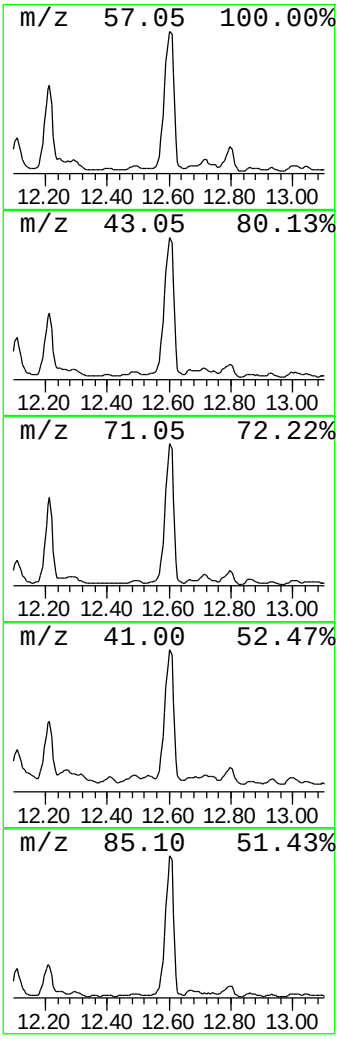
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	11.33 ng/ul	23000200	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane	184	C13H28	000629-50-5	91
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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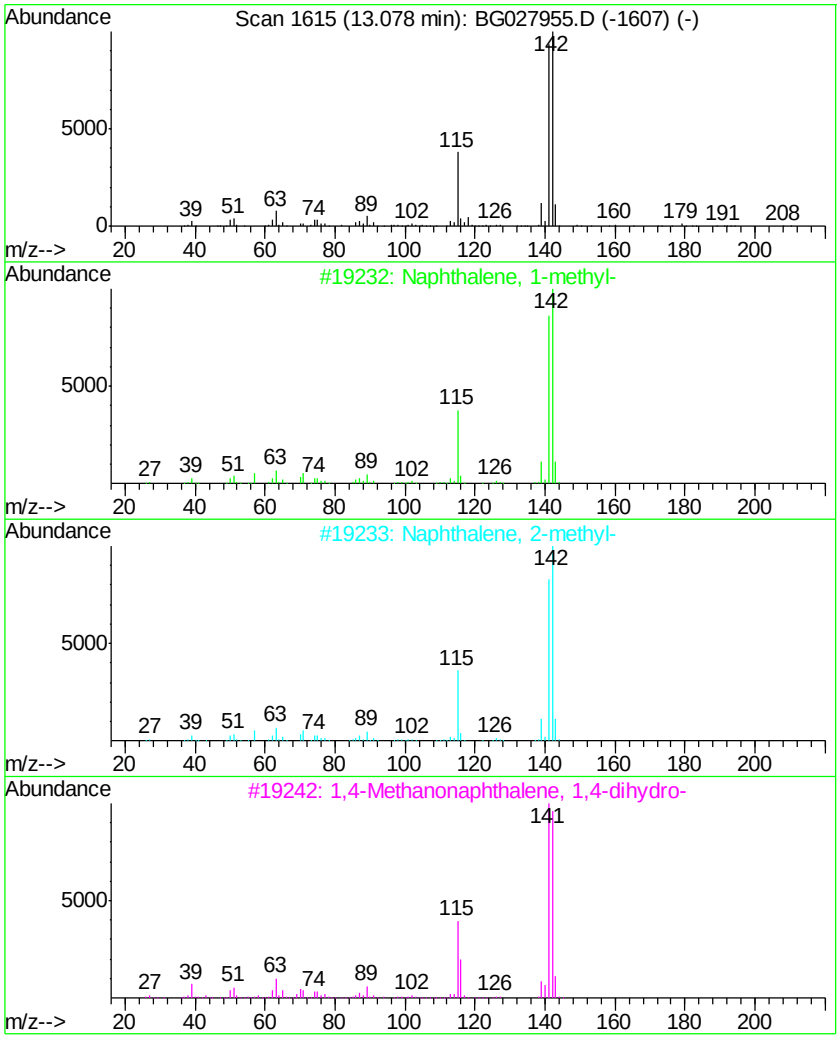
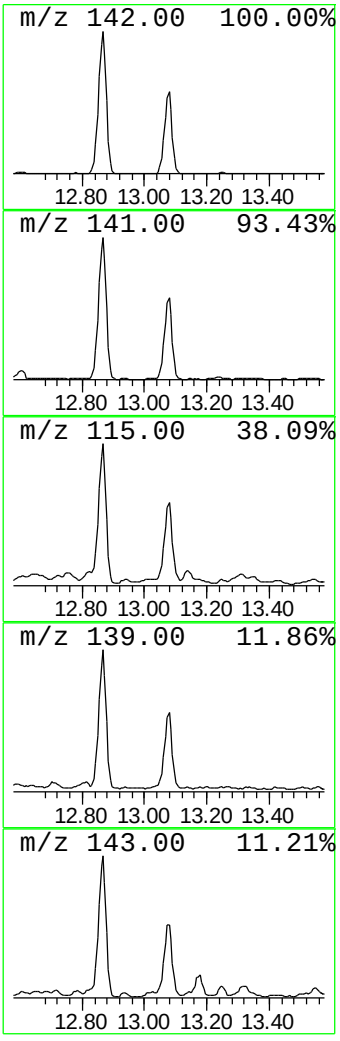
Peak Number 48 Naphthalene, 1-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.07 ng/ul	4204220	Naphthalene-d8	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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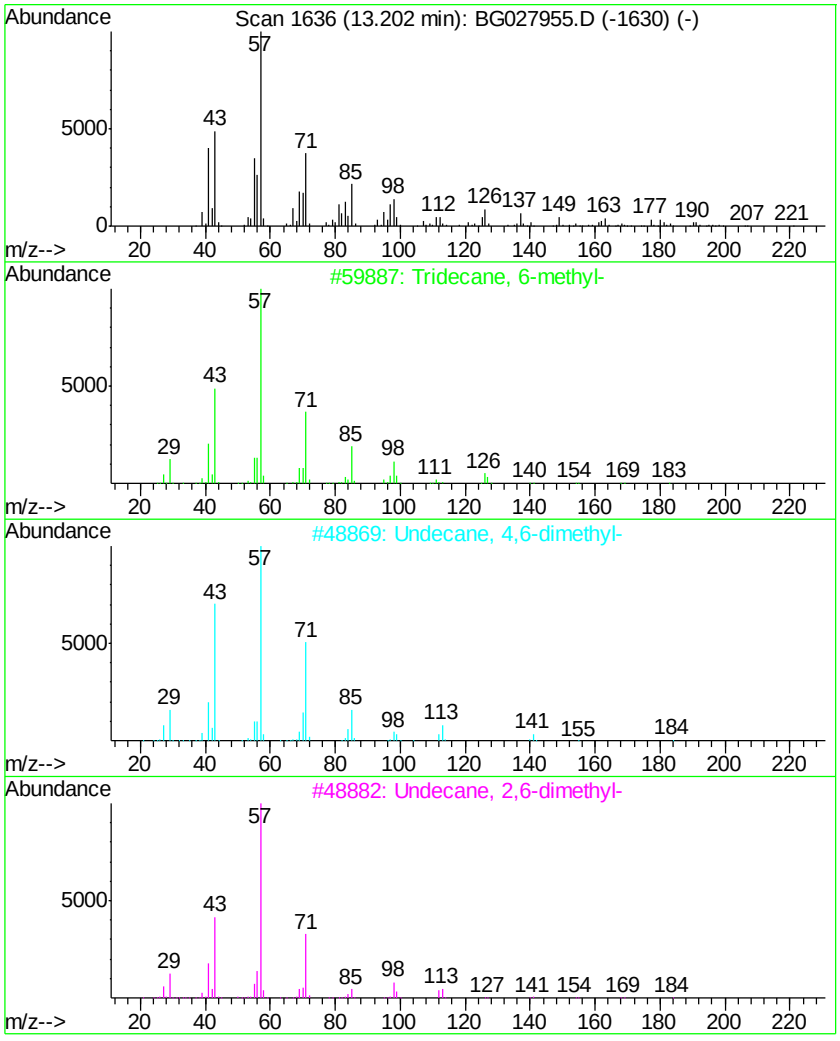
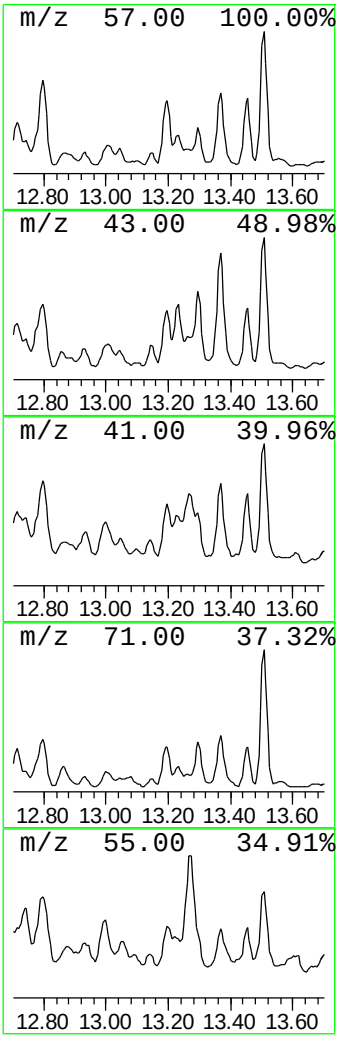
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	26.52 ng/ul	1882560	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	70
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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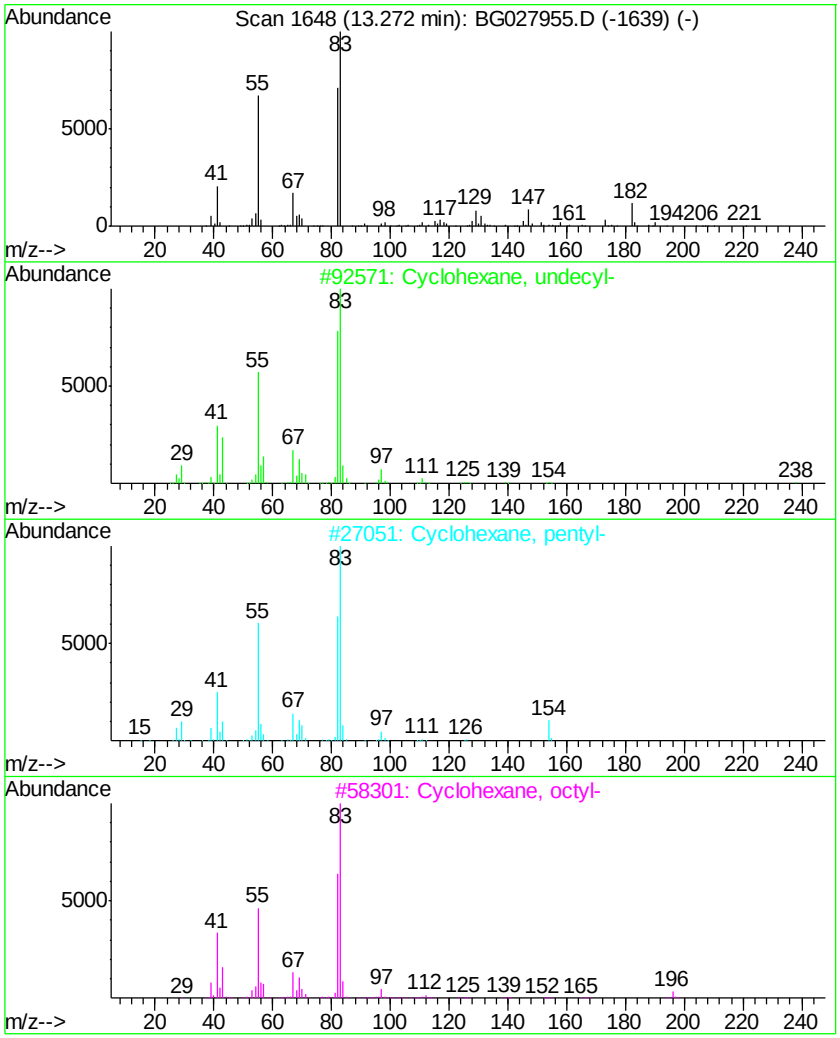
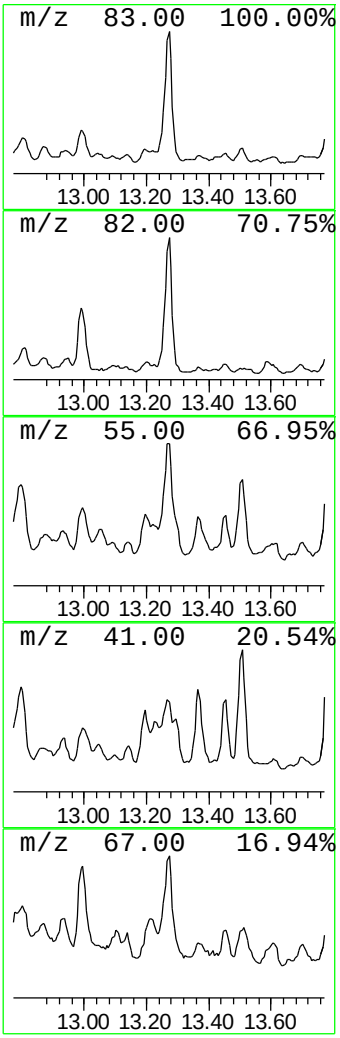
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	67.32 ng/ul	4778310	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Heptylcyclohexane	182	C13H26	005617-41-4	56
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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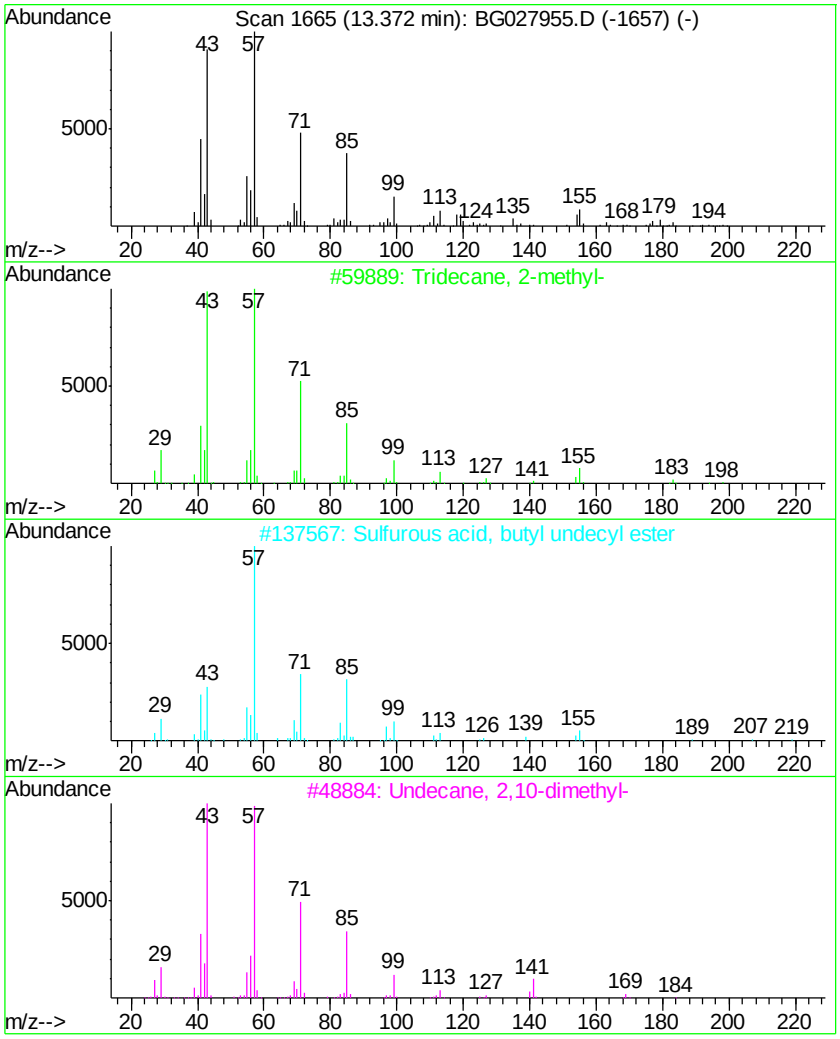
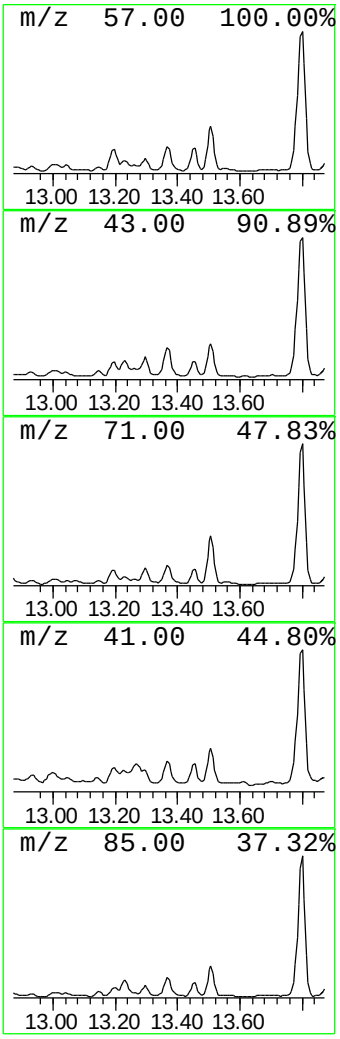
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	39.86 ng/ul	2829350	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	97
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	81
4	1-Iodoundecane	282	C11H23I	004282-44-4	80
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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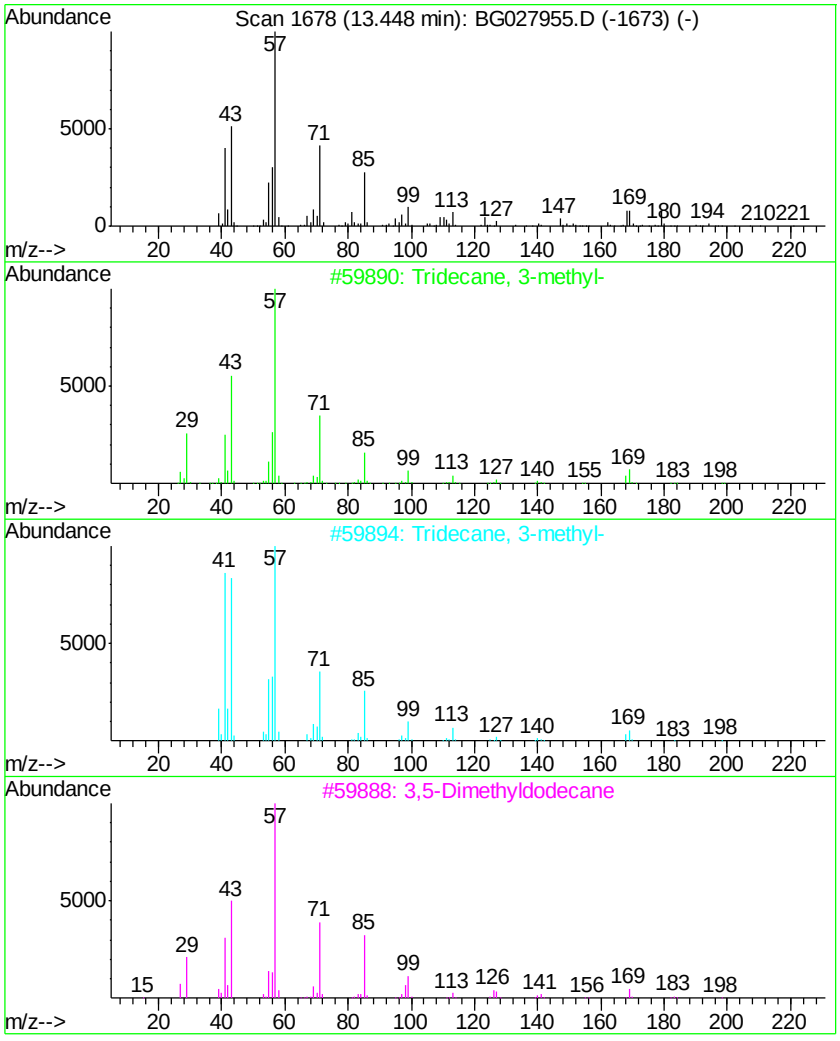
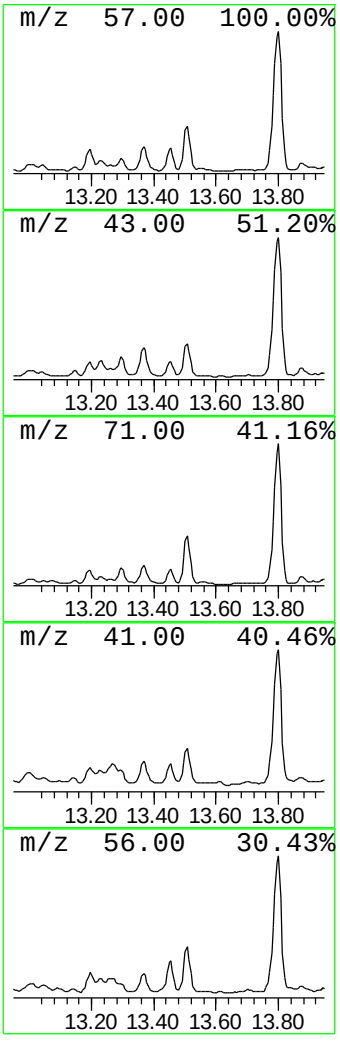
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	27.62 ng/ul	1960590	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	94
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	93
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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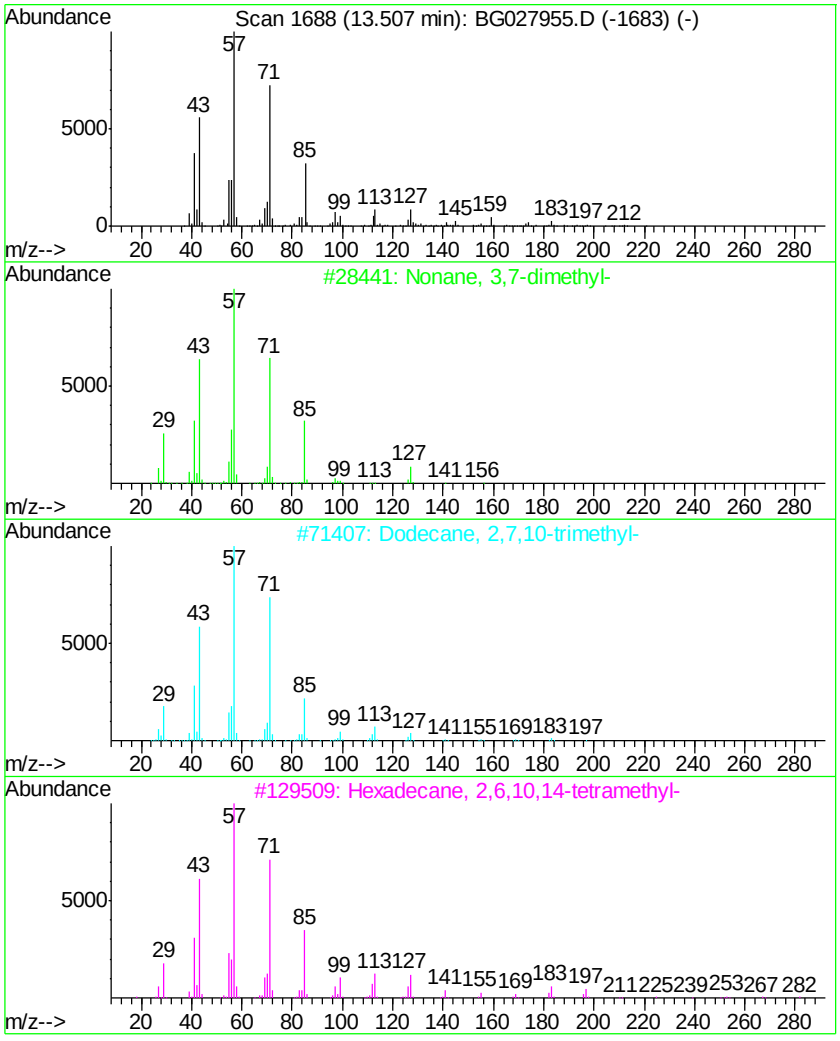
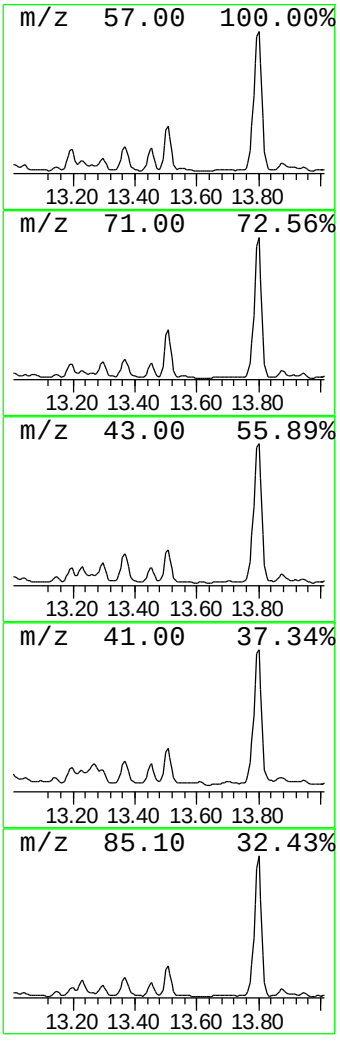
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	63.00 ng/ul	4471390	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
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Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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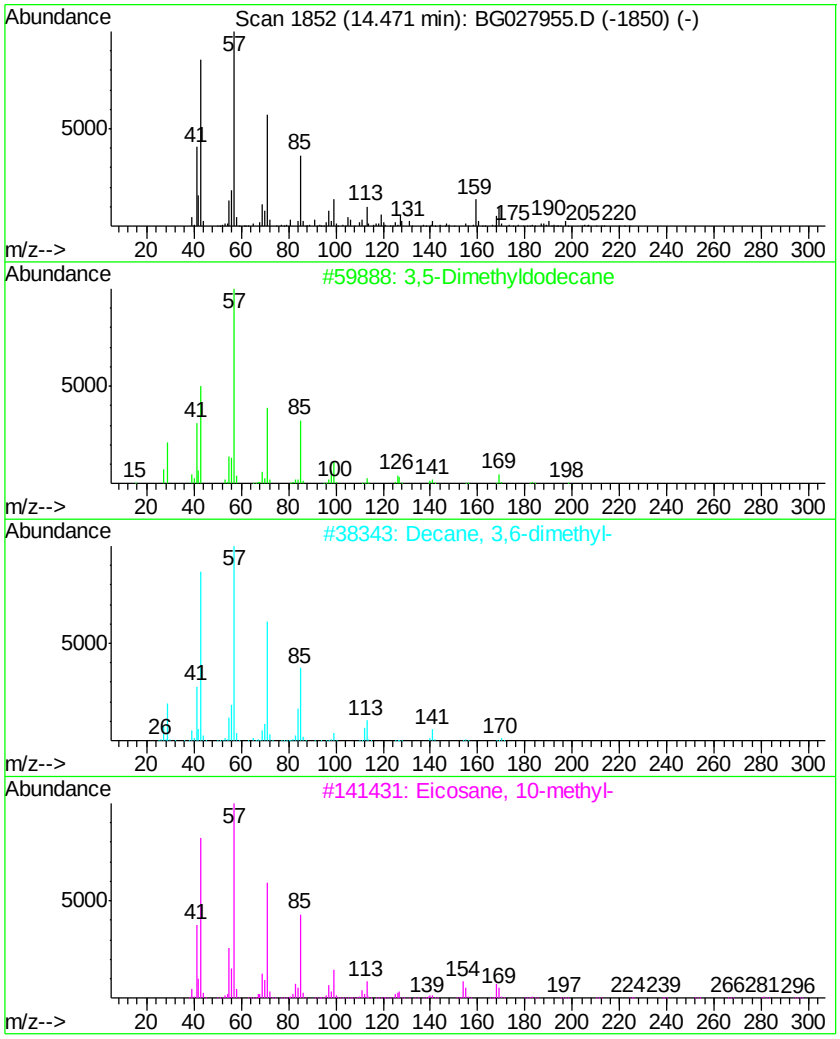
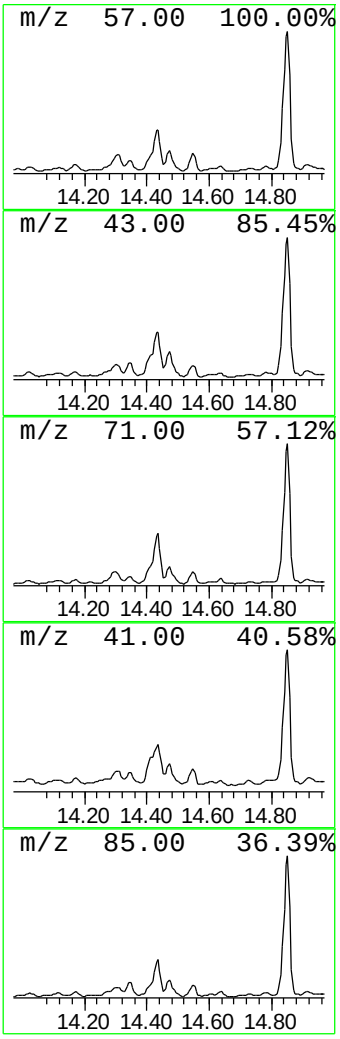
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	23.94 ng/ul	1698820	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	68
5	Tetracosane	338	C24H50	000646-31-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

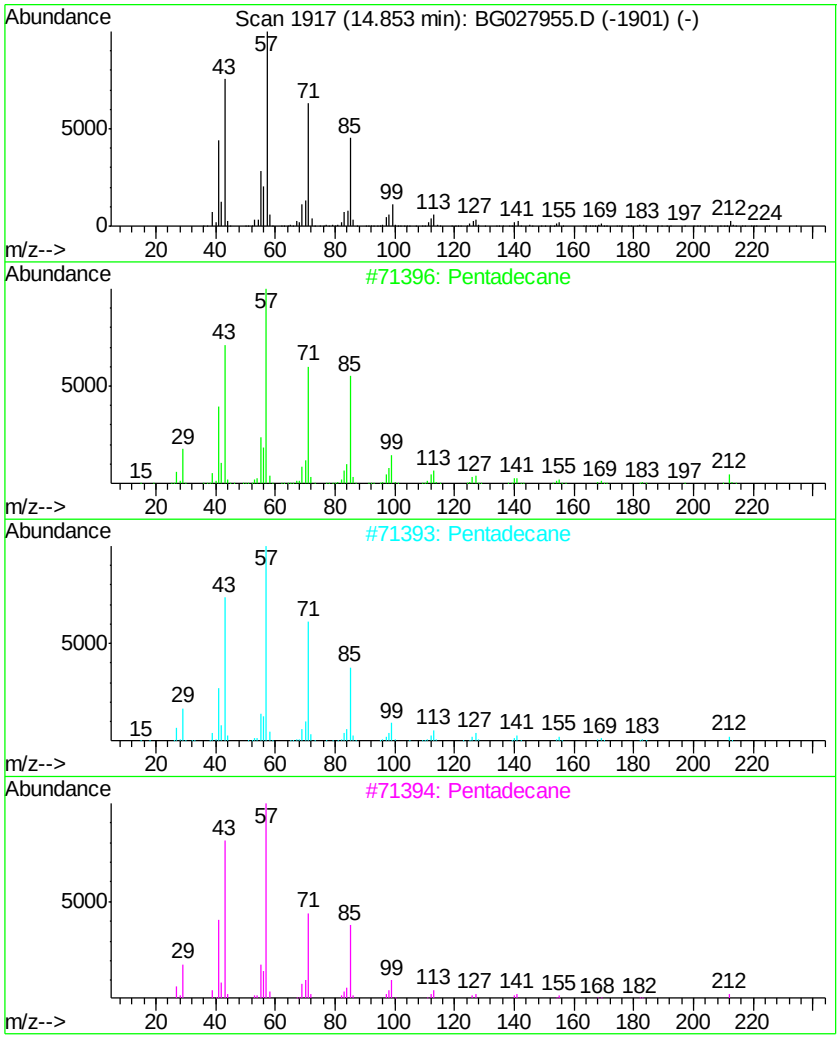
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

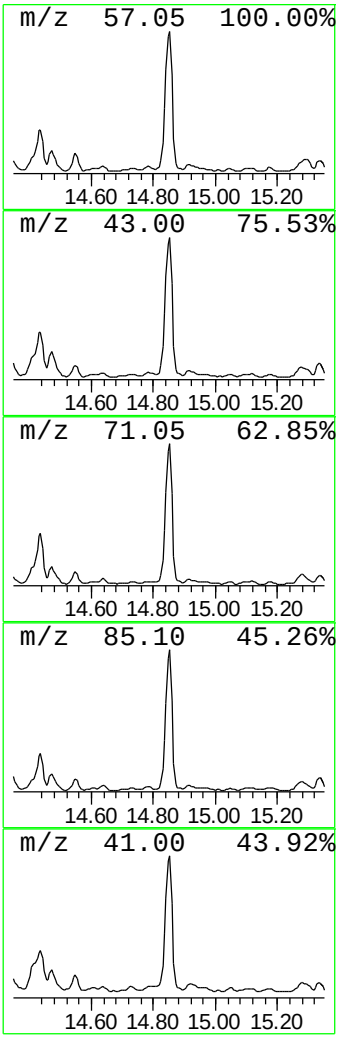
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	165.51 ng/ul	11747100	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Pentadecane	212	C15H32	000629-62-9	96
3	Pentadecane	212	C15H32	000629-62-9	95
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

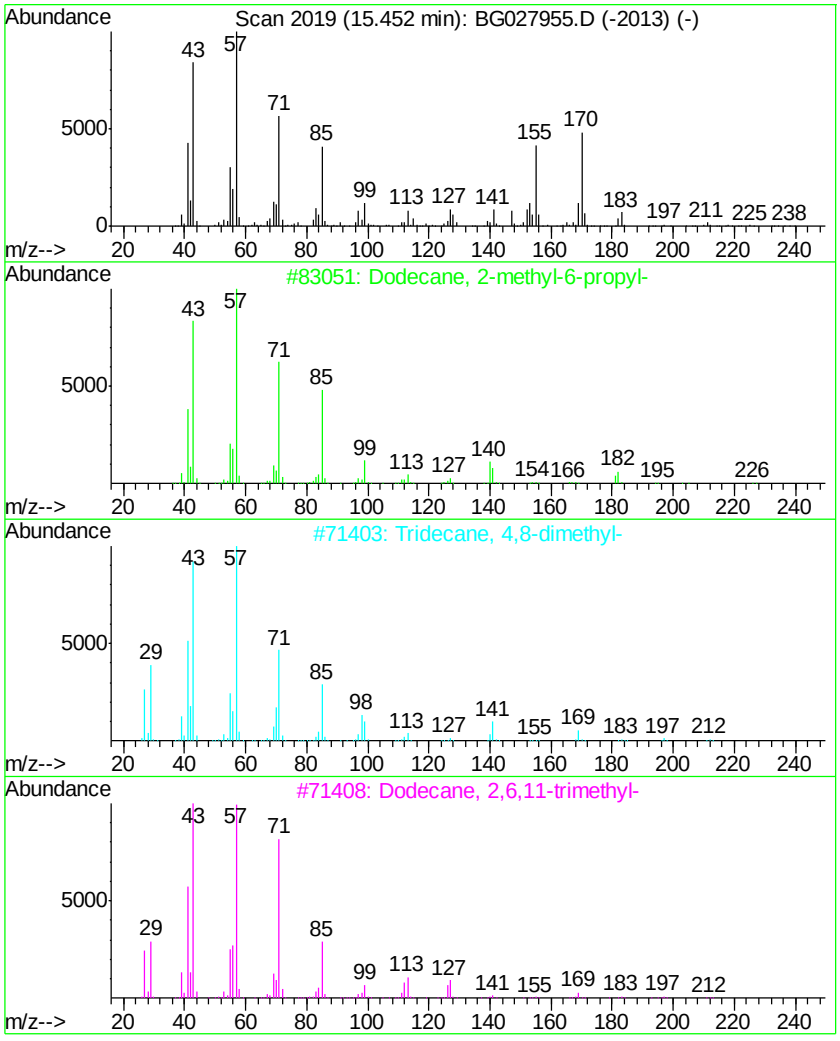
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

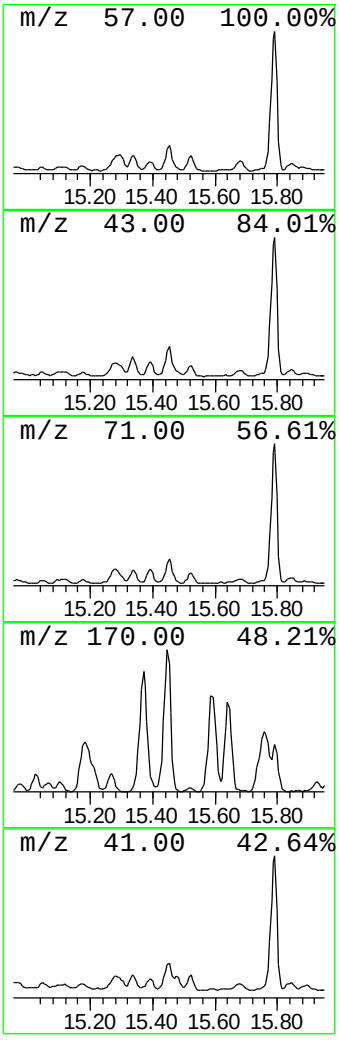
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	37.94 ng/ul	2692640	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	55
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	51
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	50
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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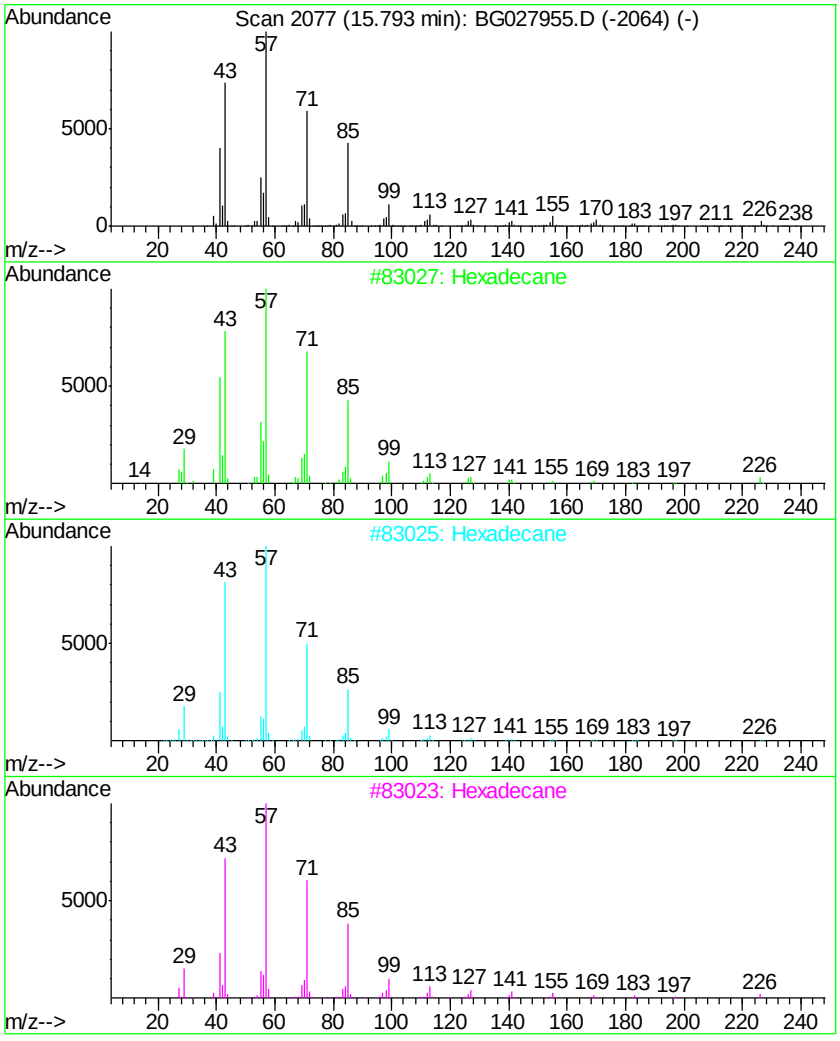
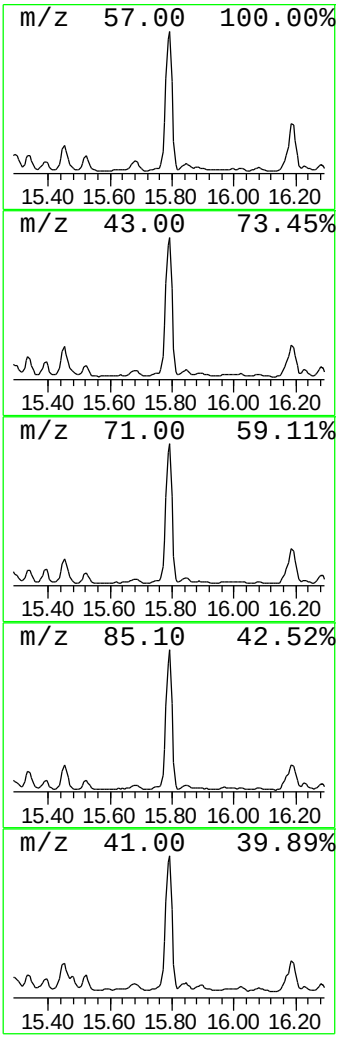
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	113.01 ng/ul	8020780	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	98
2	Hexadecane	226	C16H34	000544-76-3	97
3	Hexadecane	226	C16H34	000544-76-3	97
4	Hexadecane	226	C16H34	000544-76-3	93
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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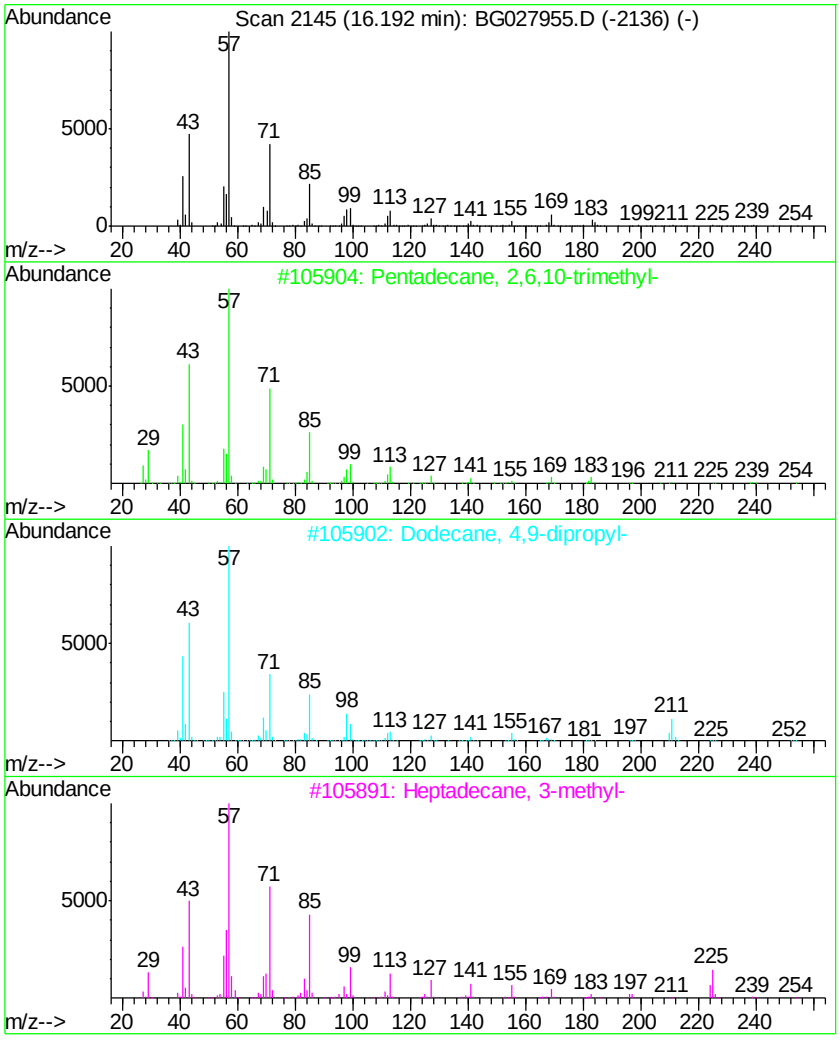
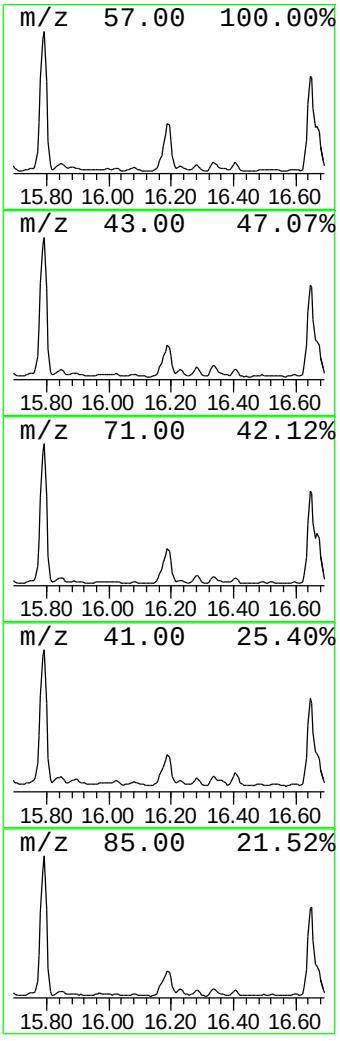
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	40.62 ng/ul	2882860	Acenaphthene-d10	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	89
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	86
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	80
4	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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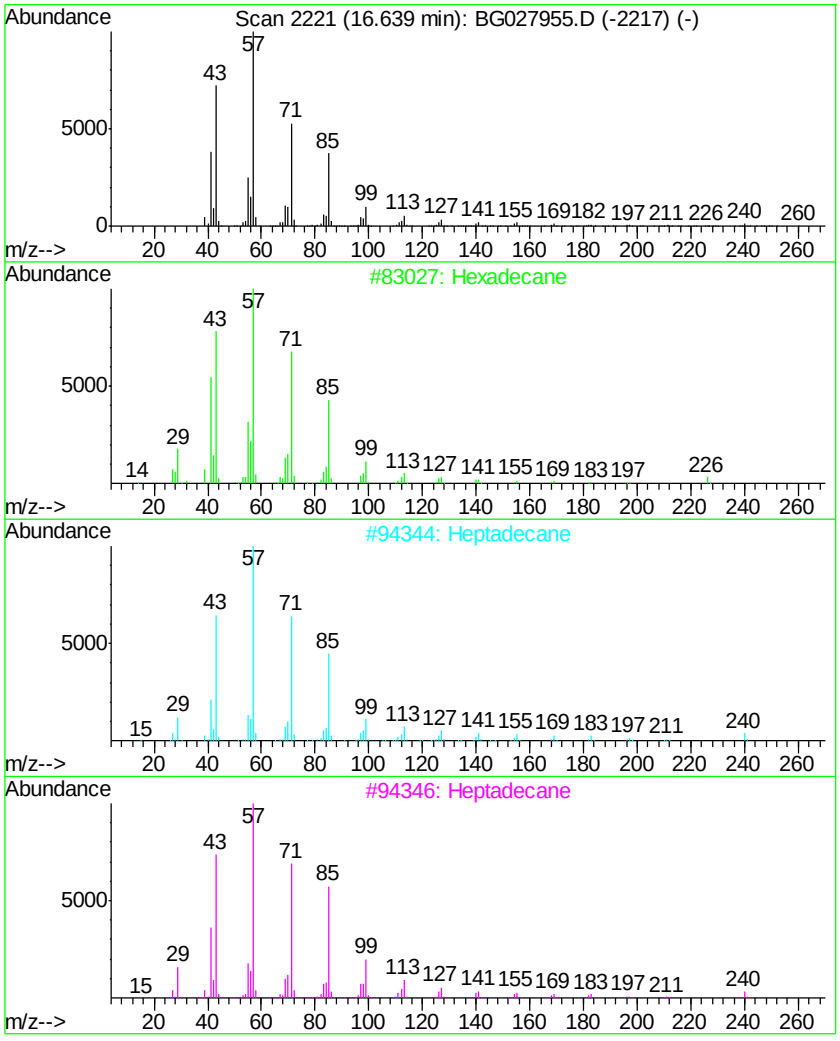
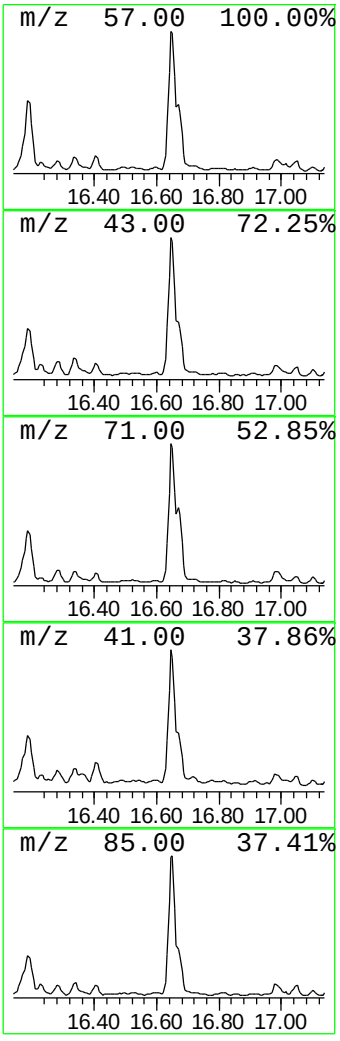
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	61.17 ng/ul	7203210	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heptadecane	240	C17H36	000629-78-7	97
3	Heptadecane	240	C17H36	000629-78-7	96
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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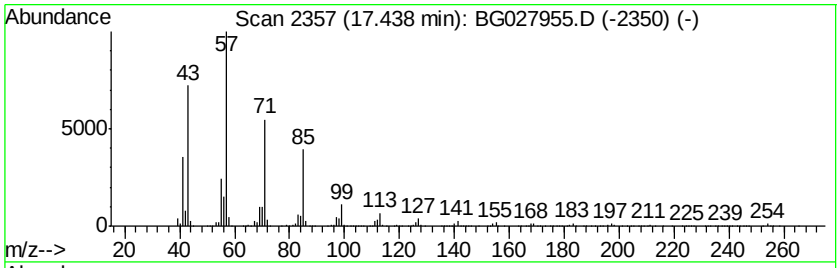
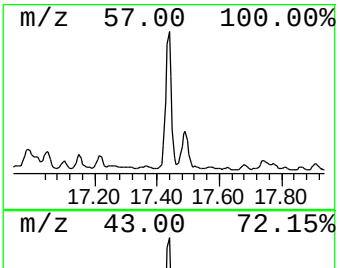
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	20.00 ng/ul	2355260	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Octadecane	254	C18H38	000593-45-3	96
3	Octadecane	254	C18H38	000593-45-3	95
4	Octadecane	254	C18H38	000593-45-3	94
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

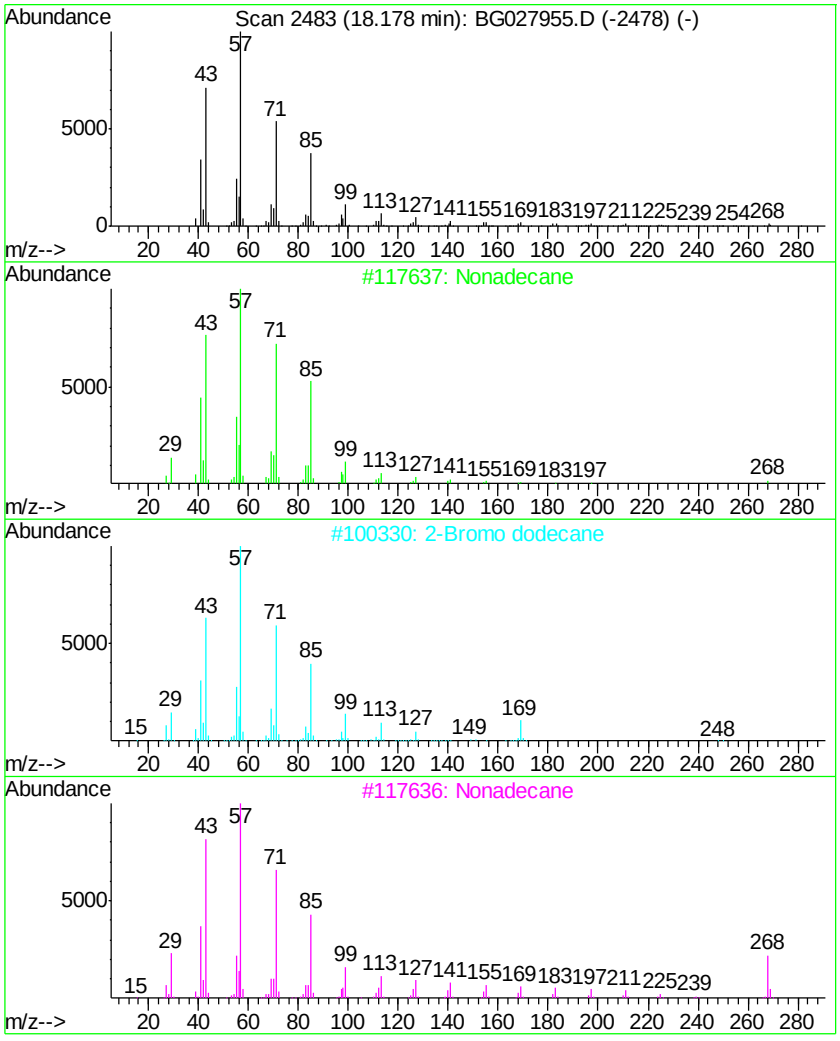
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

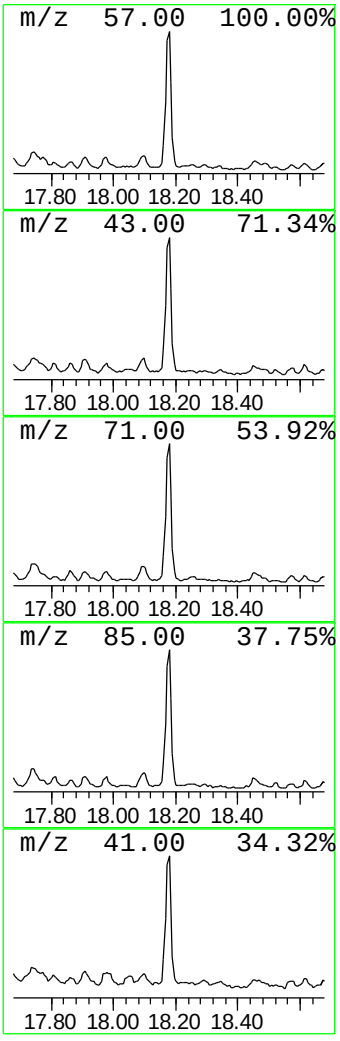
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	11.91 ng/ul	1402720	Phenanthrene-d10	17.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
3	Nonadecane	268	C19H40	000629-92-5	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071717\
Data File : BG027955.D
Acq On : 17 Jul 2017 19:00
Operator : SJ/JU
Sample : I4212-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC2Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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...	4.12	4.0	ng/ul	12849800	1	8.45	64490400	20.0
(DEL) Alkane: Str...	4.51	7.7	ng/ul	24914700	1	8.45	64490400	20.0
(DEL) Alkane: Str...	4.60	5.1	ng/ul	16515900	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	4.79	9.7	ng/ul	31338800	1	8.45	64490400	20.0
(DEL) Alkane: Str...	4.94	13.9	ng/ul	44951000	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	5.07	4.7	ng/ul	15222700	1	8.45	64490400	20.0
(DEL) Alkane: Str...	5.35	5.0	ng/ul	16169700	1	8.45	64490400	20.0
(DEL) Alkane: Str...	5.46	2.9	ng/ul	9228360	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	5.62	14.6	ng/ul	47092900	1	8.45	64490400	20.0
(DEL) Alkane: Str...	5.78	2.8	ng/ul	8877680	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	5.87	13.7	ng/ul	44041300	1	8.45	64490400	20.0
(DEL) Alkane: Str...	6.01	5.4	ng/ul	17526100	1	8.45	64490400	20.0
(DEL) Alkane: Str...	6.44	70.0	ng/ul	225582000	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	6.73	37.9	ng/ul	122257000	1	8.45	64490400	20.0
Cyclohexane, 1-pr...	6.95	21.1	ng/ul	67974200	1	8.45	64490400	20.0
unknown-01	7.11	39.8	ng/ul	128461000	1	8.45	64490400	20.0
unknown-02	7.29	2.2	ng/ul	7113000	1	8.45	64490400	20.0
Bicyclo[2.2.1]hep...	7.44	6.5	ng/ul	20905700	1	8.45	64490400	20.0
(DEL) Alkane: Cyc...	7.64	37.1	ng/ul	119499000	1	8.45	64490400	20.0
Benzene, 1,2,4-tr...	8.11	4.1	ng/ul	13337200	1	8.45	64490400	20.0
Benzene, 2-ethyl-...	8.58	20.0	ng/ul	64490400	1	8.45	64490400	20.0
unknown-03	8.85	13.8	ng/ul	44461100	1	8.45	64490400	20.0
Benzene, 1-methyl...	9.05	15.9	ng/ul	51225100	1	8.45	64490400	20.0
(DEL) Alkane: Str...	9.27	4.9	ng/ul	15834600	1	8.45	64490400	20.0
Spiro[4.5]decane	9.38	12.7	ng/ul	40944300	1	8.45	64490400	20.0
unknown-04	9.51	6.2	ng/ul	19838000	1	8.45	64490400	20.0
unknown-05	9.62	20.1	ng/ul	64966400	1	8.45	64490400	20.0
unknown-06	9.86	20.8	ng/ul	67007100	1	8.45	64490400	20.0
unknown-07	9.98	25.8	ng/ul	52466600	2	11.28	40607400	20.0
unknown-08	10.08	6.5	ng/ul	13137000	2	11.28	40607400	20.0
unknown-09	10.14	12.9	ng/ul	26148200	2	11.28	40607400	20.0
unknown-10	10.22	5.3	ng/ul	10666300	2	11.28	40607400	20.0
cis-Decalin, 2-sy...	10.26	13.4	ng/ul	27152900	2	11.28	40607400	20.0
Benzene, 1,3-diet...	10.50	45.9	ng/ul	93133000	2	11.28	40607400	20.0
(DEL) Alkane: Str...	10.62	7.5	ng/ul	15162600	2	11.28	40607400	20.0
unknown-11	10.70	22.5	ng/ul	45718600	2	11.28	40607400	20.0
(DEL) Alkane: Str...	10.79	3.2	ng/ul	6508670	2	11.28	40607400	20.0
(DEL) Alkane: Str...	12.03	2.8	ng/ul	5608670	2	11.28	40607400	20.0
(DEL) Alkane: Str...	12.11	3.0	ng/ul	6067890	2	11.28	40607400	20.0
(DEL) Alkane: Str...	12.21	4.1	ng/ul	8404170	2	11.28	40607400	20.0
(DEL) Alkane: Str...	12.60	11.3	ng/ul	23000200	2	11.28	40607400	20.0
Naphthalene, 1-me...	13.08	2.1	ng/ul	4204220	2	11.28	40607400	20.0
(DEL) Alkane: Str...	13.20	26.5	ng/ul	1882560	3	14.99	1419530	20.0
(DEL) Alkane: Str...	13.27	67.3	ng/ul	4778310	3	14.99	1419530	20.0
(DEL) Alkane: Str...	13.37	39.9	ng/ul	2829350	3	14.99	1419530	20.0
(DEL) Alkane: Str...	13.45	27.6	ng/ul	1960590	3	14.99	1419530	20.0
(DEL) Alkane: Str...	13.51	63.0	ng/ul	4471390	3	14.99	1419530	20.0
(DEL) Alkane: Str...	14.47	23.9	ng/ul	1698820	3	14.99	1419530	20.0
(DEL) Alkane: Str...	14.85	165.5	ng/ul	11747100	3	14.99	1419530	20.0

(DEL) Alkane: Str...	15.45	37.9	ng/ul	2692640	3	14.99	1419530	20.0	
(DEL) Alkane: Str...	15.79	113.0	ng/ul	8020780	3	14.99	1419530	20.0	
(DEL) Alkane: Str...	16.19	40.6	ng/ul	2882860	3	14.99	1419530	20.0	
(DEL) Alkane: Str...	16.64	61.2	ng/ul	7203210	4	17.73	2355260	20.0	
(DEL) Alkane: Str...	17.44	20.0	ng/ul	2355260	4	17.73	2355260	20.0	**Instrument :** BNA_G
(DEL) Alkane: Str...	18.18	11.9	ng/ul	1402720	4	17.73	2355260	20.0	**ClientSampleId :** BC2Y8