LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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	5.131	410	416	424	rBV	16880	36272	0.30%	0.067%
2	5.496	471	478	483	rBV3	18578	31256	0.26%	0.058%
3	6.148	587	589	596	rVB4	18689	30204	0.25%	0.056%
4	6.289	607	613	618	rVB5	17992	32078	0.27%	0.060%
5	6.471	633	644	649	rBV7	26090	67711	0.56%	0.126%
6	6.612	664	668	673	rBV6	29966	67307	0.56%	0.125%
7	6.671	673	678	689	rVB	106992	199615	1.65%	0.370%
8	6.818	695	703	708	rBV	85241	143239	1.18%	0.266%
9	6.959	719	727	731	rBV2	69791	118324	0.98%	0.220%
10	7.012	731	736	746	rVB	118303	219716	1.82%	0.408%
11	7.106	746	752	761	rBV2	51976	116105	0.96%	0.215%
12	7.194	761	767	772	rVB9	14560	32141	0.27%	0.060%
13	7.394	793	801	803	rBV6	24373	54609	0.45%	0.101%
14	7.435	803	808	810	rVV2	96390	160922	1.33%	0.299%
15	7.476	810	815	821	rVB	316645	553402	4.57%	1.027%
16	7.587	831	834	842	rBV5	19295	48123	0.40%	0.089%
17	7.752	855	862	870	rVB6	31547	84307	0.70%	0.156%
18	8.016	902	907	912	rVB5	49292	94200	0.78%	0.175%
19	8.116	919	924	931	rBV5	32127	76487	0.63%	0.142%
20	8.204	934	939	943	rBV	73710	113422	0.94%	0.211%
21	8.292	948	954	958	rVB2	57833	97511	0.81%	0.181%
22	8.480	981	986	990	rVB3	82998	113000	0.93%	0.210%
23	8.574	992	1002	1006	rBV6	60722	138522	1.15%	0.257%
24	8.627	1006	1011	1016	rVV	110012	186130	1.54%	0.345%
25	8.704	1020	1024	1033	rVB	121240	203973	1.69%	0.379%
26	8.821	1033	1044	1050	rVB10	67738	186026	1.54%	0.345%
27	8.909	1050	1059	1061	rBV7	25348	59167	0.49%	0.110%
28	9.121	1088	1095	1098	rBV4	43962	85849	0.71%	0.159%
29	9.174	1098	1104	1112	rVB5	55036	118346	0.98%	0.220%
30	9.350	1126	1134	1139	rBV3	126648	249058	2.06%	0.462%
31	9.438	1144	1149	1159	rVB9	52658	139833	1.16%	0.260%
32	9.544	1163	1167	1171	rVB6	22347	34208	0.28%	0.063%
33	9.620	1175	1180	1183	rBV7	25750	39197	0.32%	0.073%
34	9.673	1183	1189	1192	rBV3	51342	92777	0.77%	0.172%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

35	9.891	1222	1226	1232	rVB	139475	223691	1.85%	0.415%
36	9.961	1234	1238	1242	rBV6	28512	42132	0.35%	0.078%
37	10.049	1249	1253	1257	rVB7	17634	27929	0.23%	0.052%
38	10.126	1262	1266	1270	rBV3	41904	76296	0.63%	0.142%
39	10.255	1279	1288	1294	rBV	457556	888539	7.35%	1.649%
40	10.308	1294	1297	1304	rVV	97821	159607	1.32%	0.296%
41	10.372	1304	1308	1313	rVB3	44792	72140	0.60%	0.134%
42	10.431	1314	1318	1324	rVV2	67518	105654	0.87%	0.196%
43	10.484	1324	1327	1334	rVB8	19251	37237	0.31%	0.069%
44	10.795	1376	1380	1383	rBV3	25282	36867	0.30%	0.068%
45	10.872	1389	1393	1397	rBV4	25098	42024	0.35%	0.078%
46	10.942	1400	1405	1412	rVB5	61122	136938	1.13%	0.254%
47	11.295	1460	1465	1469	rBV4	97684	190199	1.57%	0.353%
48	11.342	1470	1473	1483	rVB8	73117	170756	1.41%	0.317%
49	11.547	1504	1508	1512	rBV7	30514	42722	0.35%	0.079%
50	11.712	1531	1536	1539	rBV6	61192	119726	0.99%	0.222%
51	11.935	1571	1574	1581	rVB2	117320	201318	1.66%	0.374%
52	12.012	1582	1587	1590	rBV3	82489	141228	1.17%	0.262%
53	12.076	1595	1598	1602	rBV5	36917	63721	0.53%	0.118%
54	12.159	1607	1612	1617	rVV2	62047	120897	1.00%	0.224%
55	12.329	1638	1641	1645	rBV6	40334	62110	0.51%	0.115%
56	12.488	1663	1668	1675	rBV10	103973	215497	1.78%	0.400%
57	12.564	1676	1681	1688	rVV4	166507	312873	2.59%	0.581%
58	12.629	1689	1692	1698	rVV7	73816	144052	1.19%	0.267%
59	12.687	1699	1702	1705	rVV3	76464	99692	0.82%	0.185%
60	12.734	1705	1710	1717	rVV4	158121	305948	2.53%	0.568%
61	12.916	1735	1741	1748	rBV	366914	718011	5.94%	1.333%
62	13.075	1765	1768	1772	rVB4	77587	100583	0.83%	0.187%
63	13.469	1831	1835	1840	rBV3	216928	353521	2.92%	0.656%
64	13.569	1847	1852	1856	rBV2	1195506	1653244	13.67%	3.068%
65	13.621	1856	1861	1864	rBV	495010	725684	6.00%	1.347%
66	13.845	1896	1899	1902	rBV	160620	187646	1.55%	0.348%
67	13.886	1902	1906	1912	rVV5	438617	663159	5.48%	1.231%
68	13.945	1913	1916	1918	rVV3	217203	273751	2.26%	0.508%
69	13.986	1918	1923	1929	rVB	1283078	1890392	15.63%	3.509%
70	14.056	1932	1935	1940	rVB6	197725	320491	2.65%	0.595%
71	14.121	1941	1946	1949	rBV2	548342	1010970	8.36%	1.876%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Title : SVOA CALIBRATION

72	14.156	1949	1952	1957	rVB2	675143	1024483	8.47%	1.901%
73	14.456	2000	2003	2005	rBV	158240	183985	1.52%	0.341%
74	14.485	2005	2008	2015	rVV	353078	559834	4.63%	1.039%
75	14.703	2041	2045	2050	rBV2	513508	721213	5.96%	1.339%
76	14.791	2056	2060	2062	rBV2	399783	613221	5.07%	1.138%
77	14.879	2071	2075	2082	rVB6	445577	817789	6.76%	1.518%
78	14.955	2083	2088	2094	rBV2	1687183	2742836	22.67%	5.091%
79	15.214	2128	2132	2135	rBV3	534484	934115	7.72%	1.734%
80	15.907	2246	2250	2253	rBV	1045434	1633245	13.50%	3.031%
81	16.976	2429	2432	2436	rVB	2207639	2741400	22.66%	5.088%
82	19.115	2792	2796	2800	rVB2	8410952	12096767	100.00%	22.452%
83	21.095	3130	3133	3138	rVB	6294762	7805154	64.52%	14.487%
84	24.409	3692	3697	3707	rVB2	2257970	6044170	49.97%	11.218%

Sum of corrected areas: 53878494

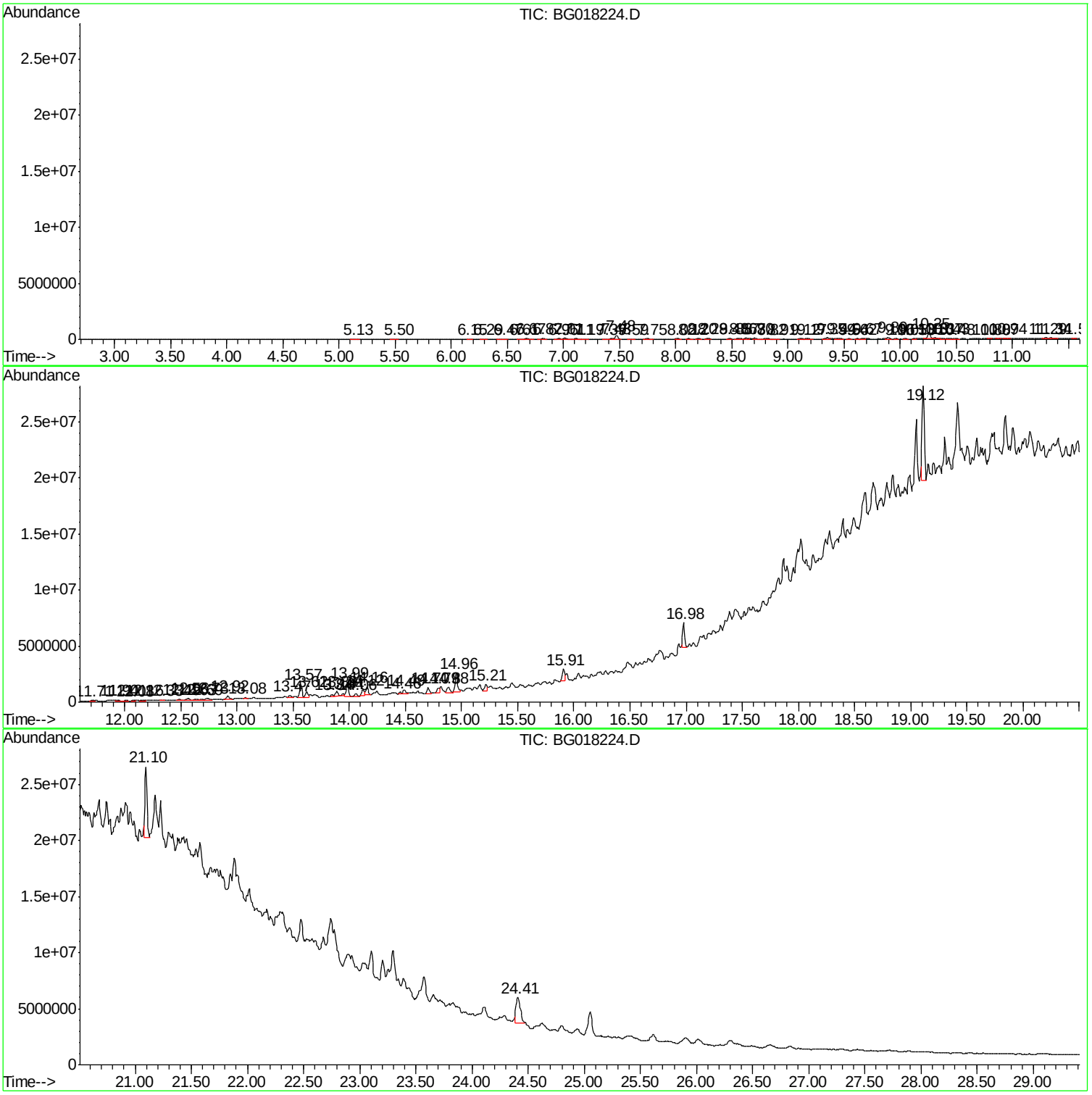
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

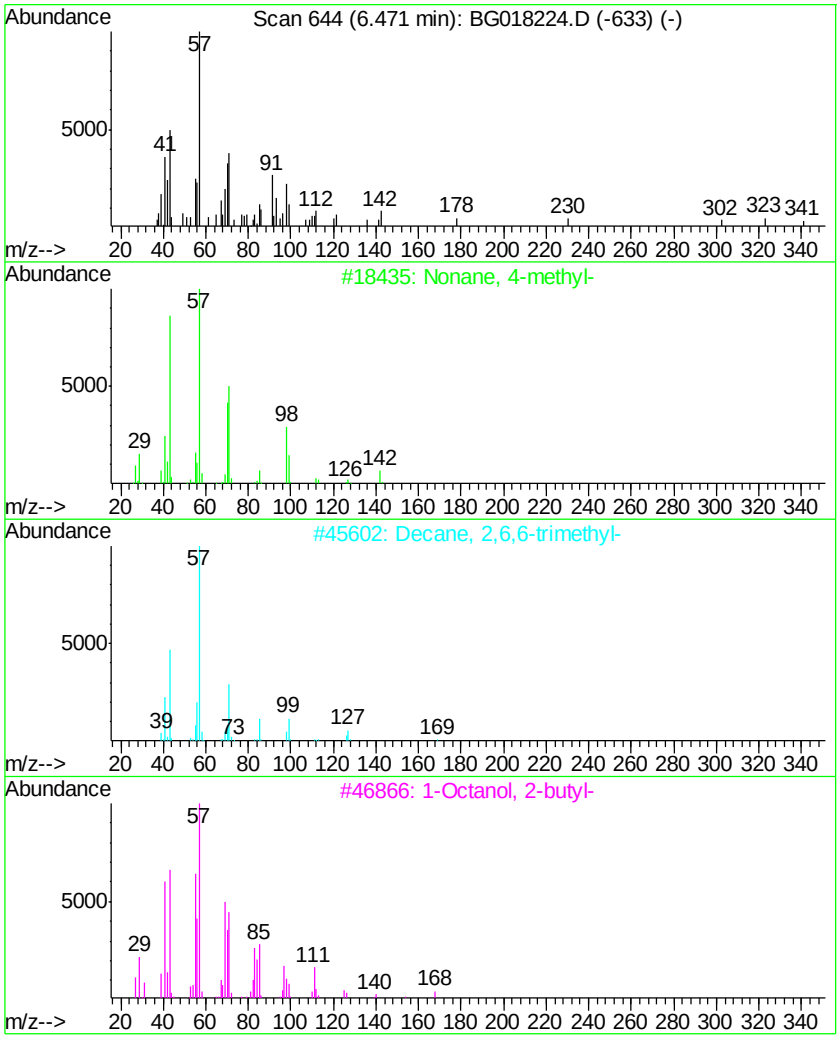
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

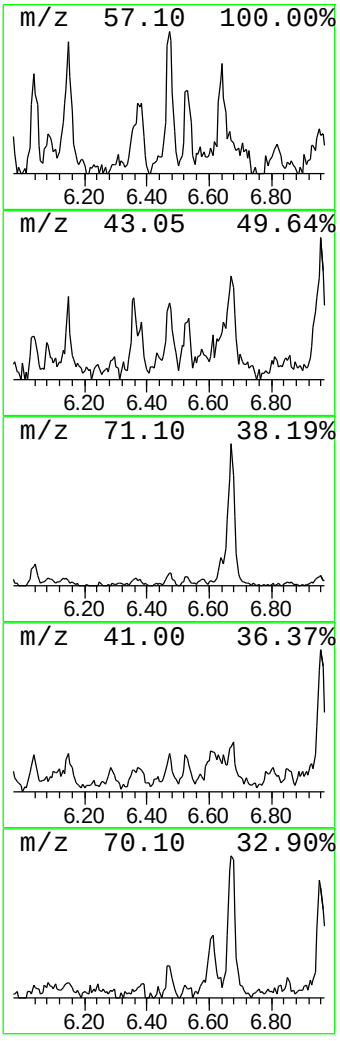
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.45 ng/ul	67711	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	58
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	37
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

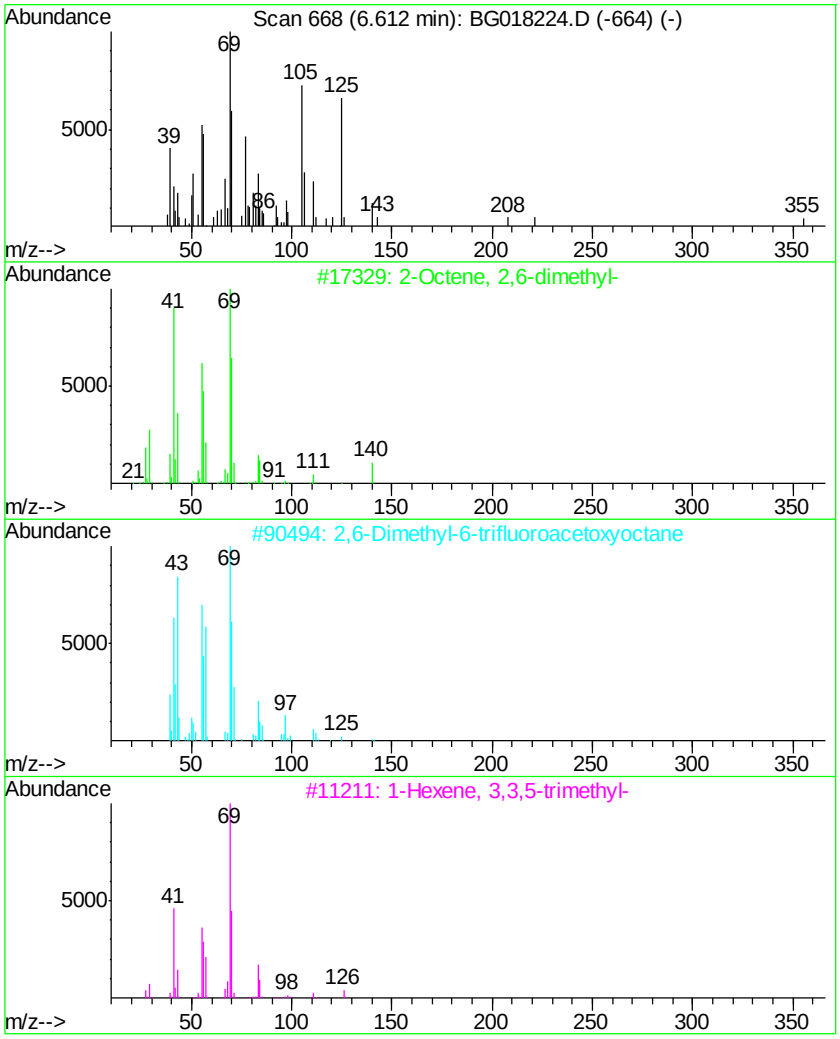
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

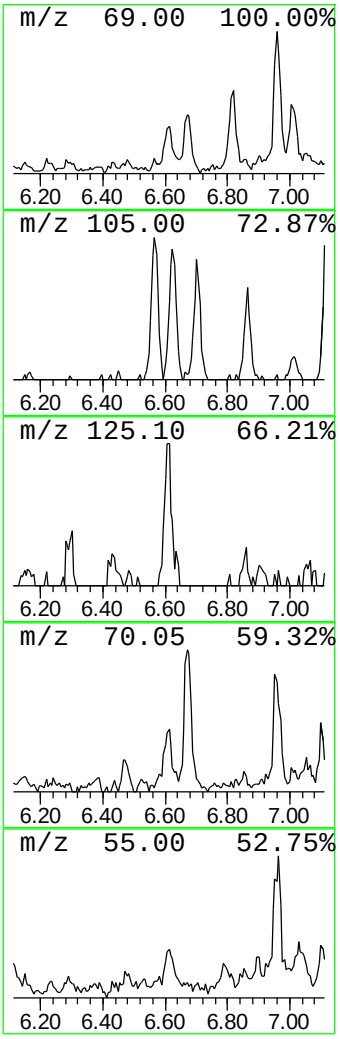
****

Peak Number 2 (DEL) Alkane: Cyclic6.61 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	2.43 ng/ul	67307	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
2	2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	43
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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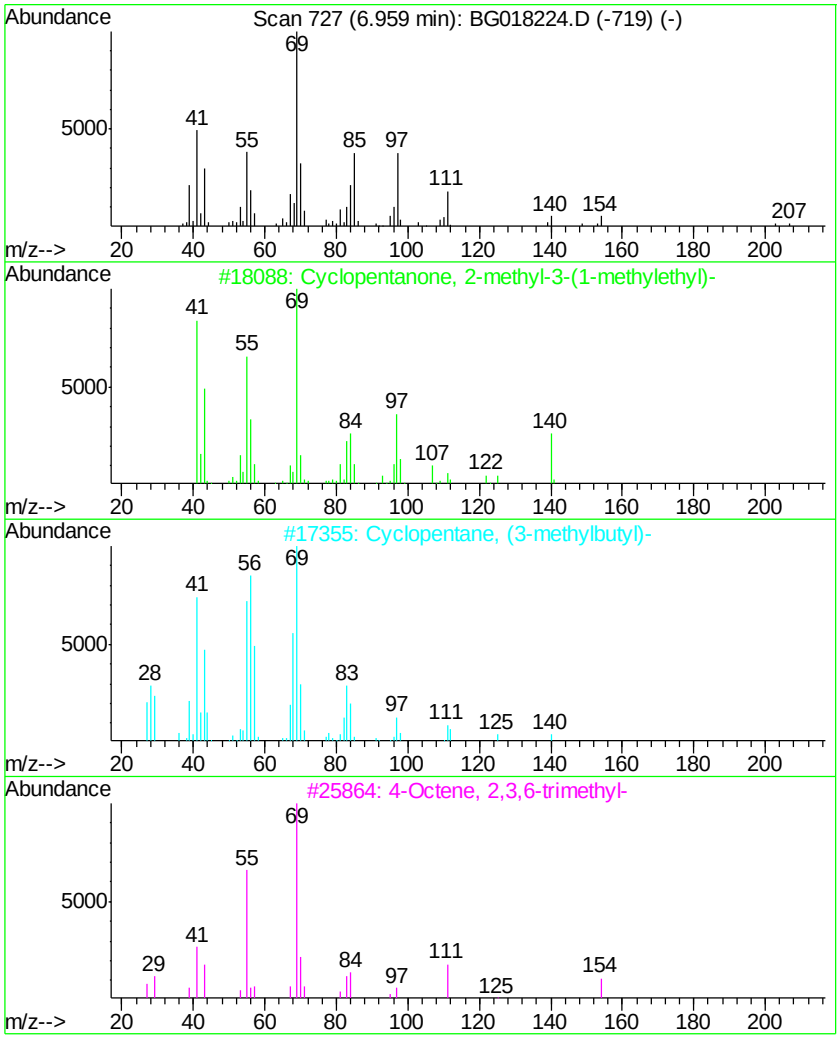
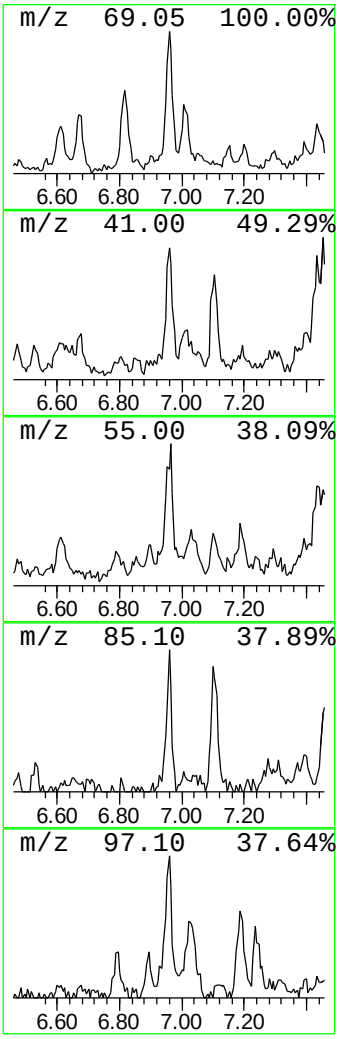
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	4.28 ng/ul	118324	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	64
2	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	53
3	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	50
4	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	47
5	Acetic acid, trifluoro-, 1-methy...	154	C5H5F3O2	000400-39-5	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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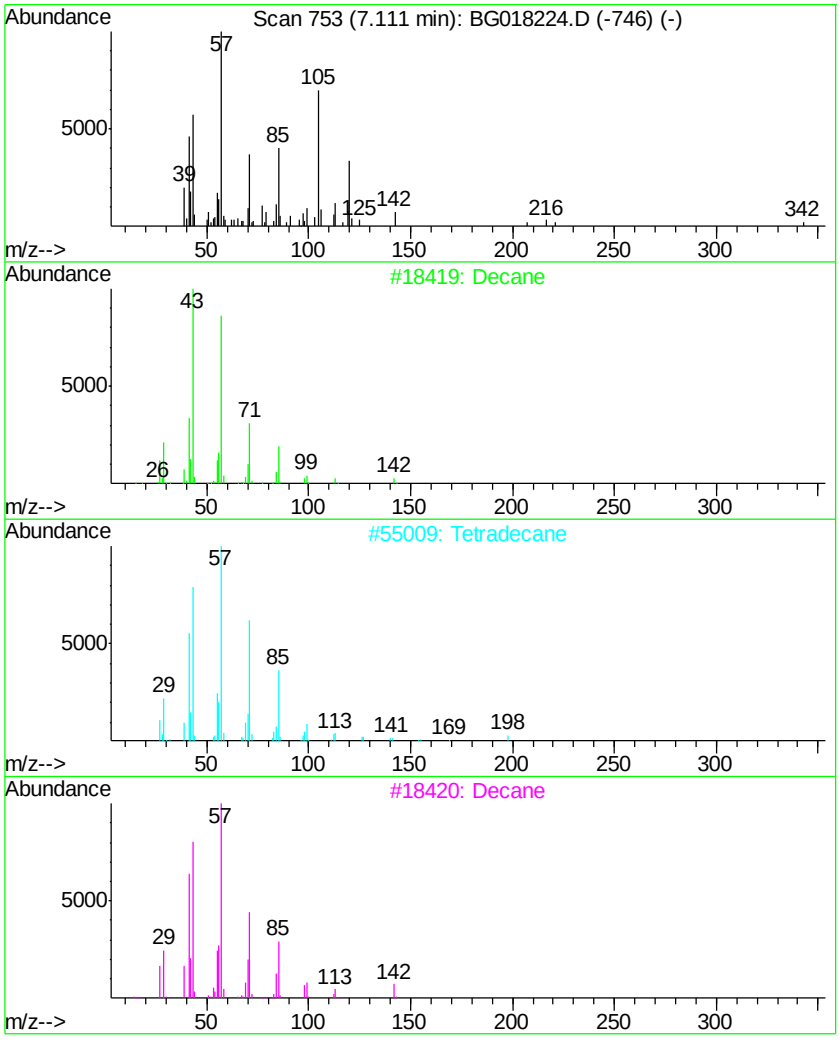
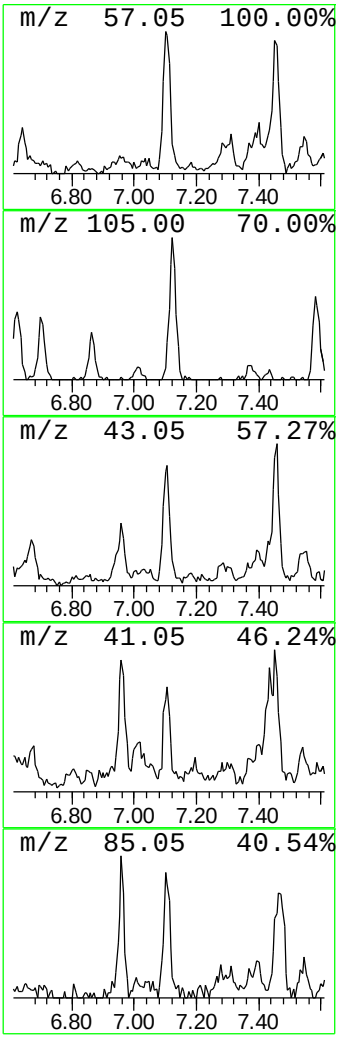
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	4.20 ng/ul	116105	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	68
2	Tetradecane	198	C14H30	000629-59-4	64
3	Decane	142	C10H22	000124-18-5	60
4	Dodecane	170	C12H26	000112-40-3	58
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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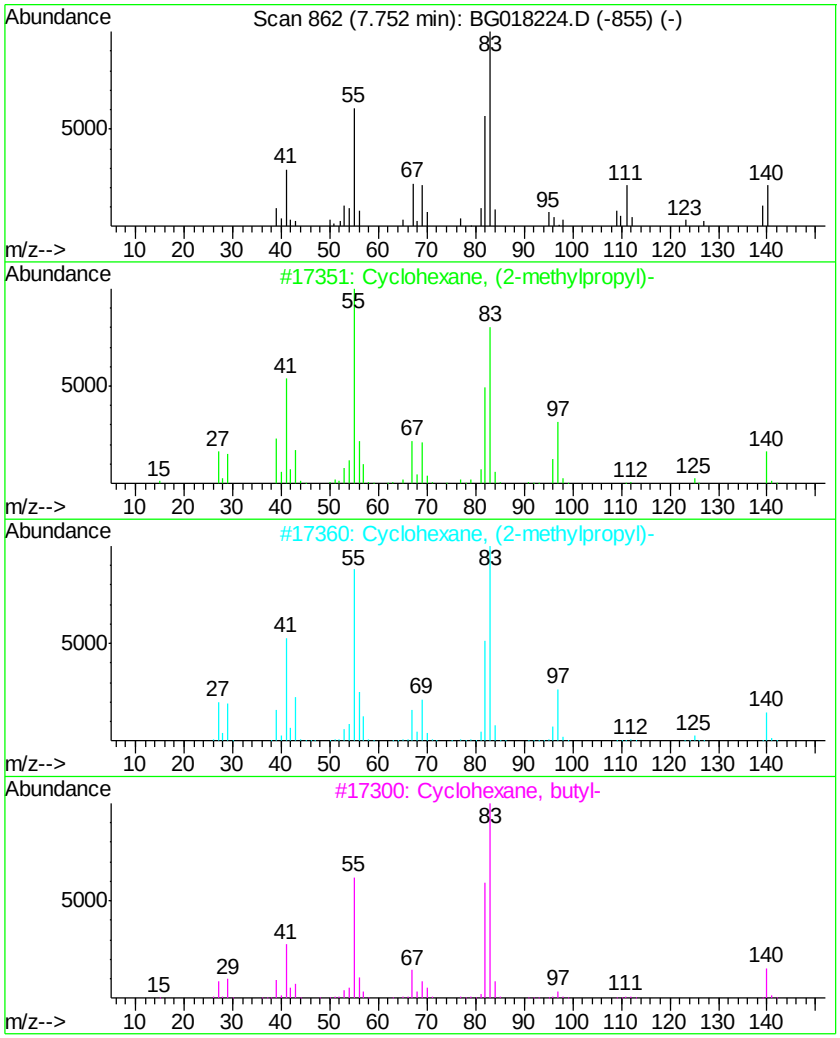
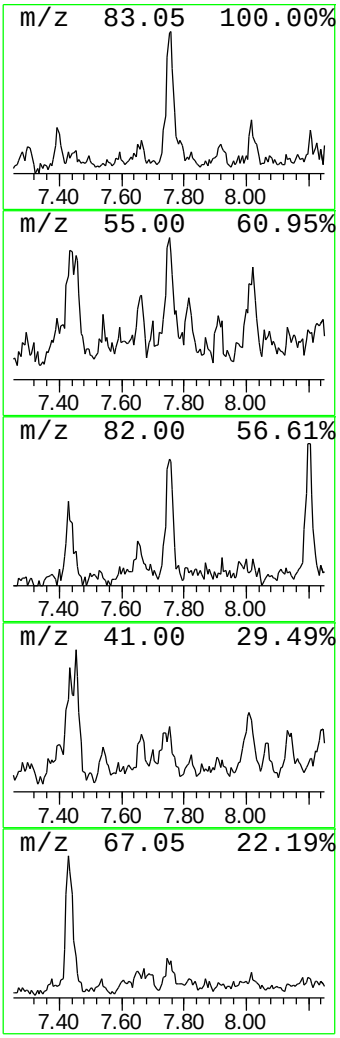
Peak Number 5 (DEL) Alkane: Cyclic7.75 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	3.05 ng/ul	84307	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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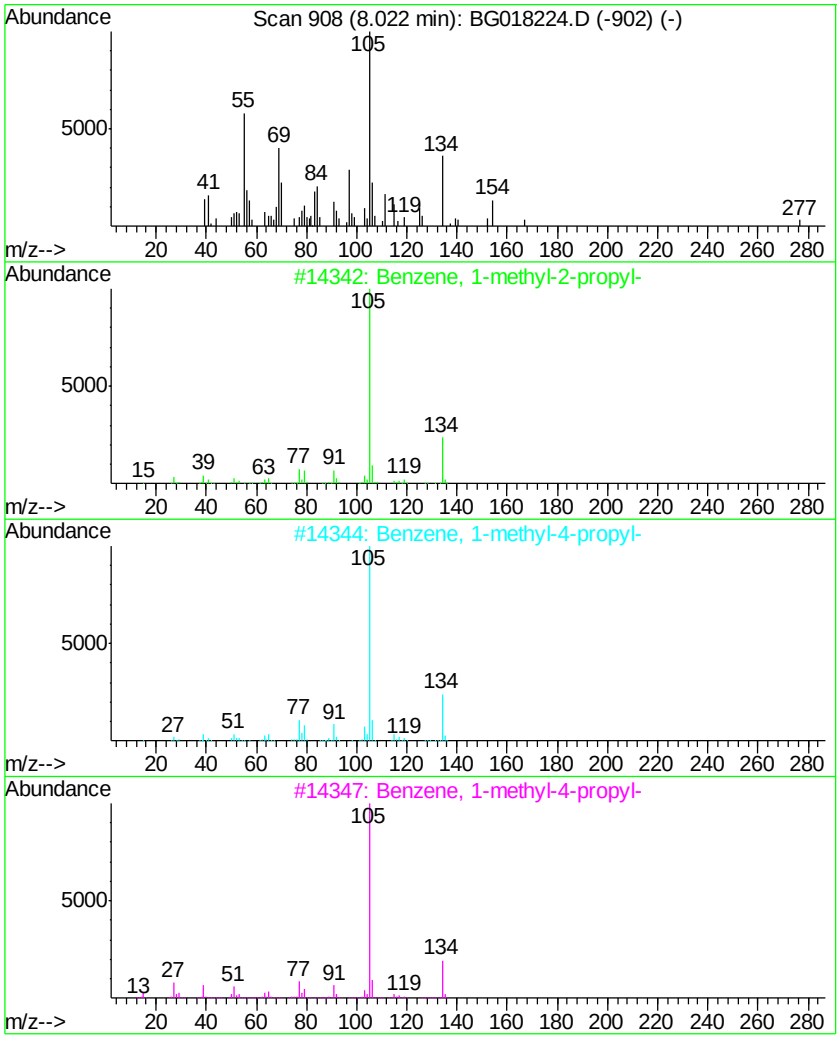
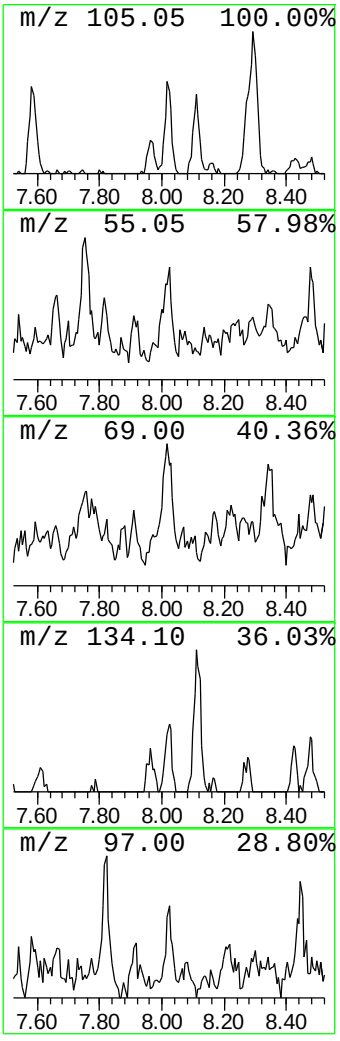
Peak Number 6 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	3.40 ng/ul	94200	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	30
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30
4	2-Tolyloxirane	134	C9H10O	002783-26-8	30
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	30





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Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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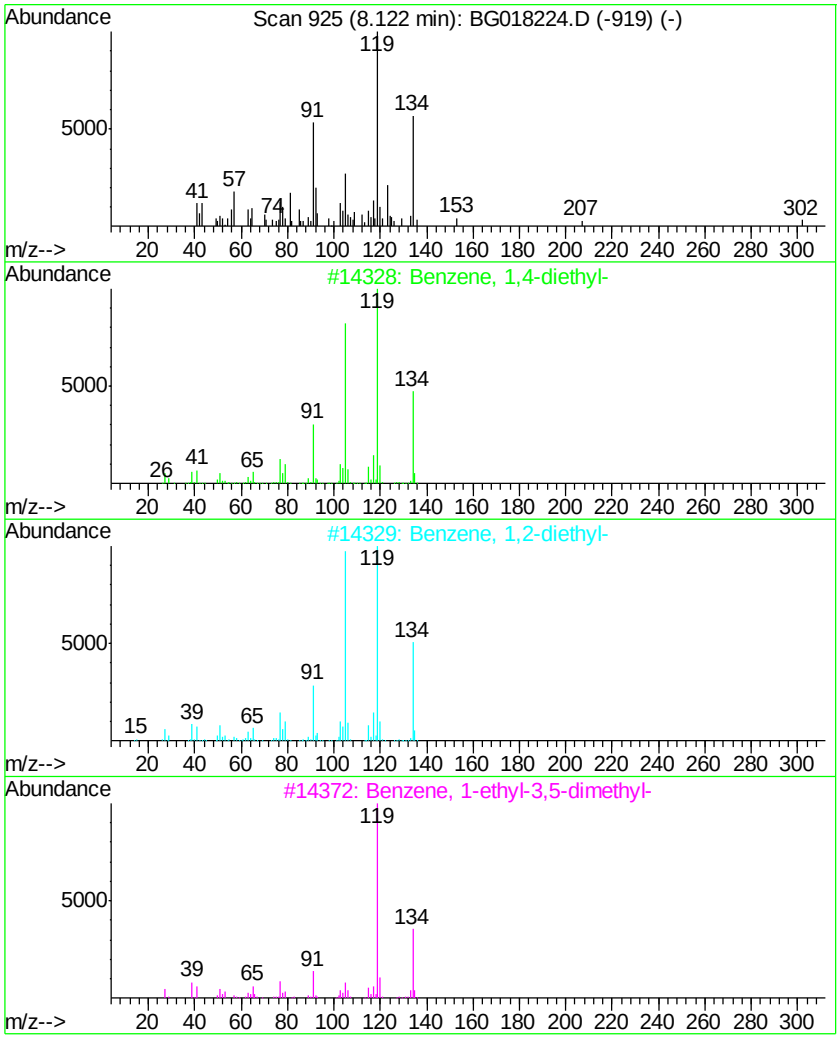
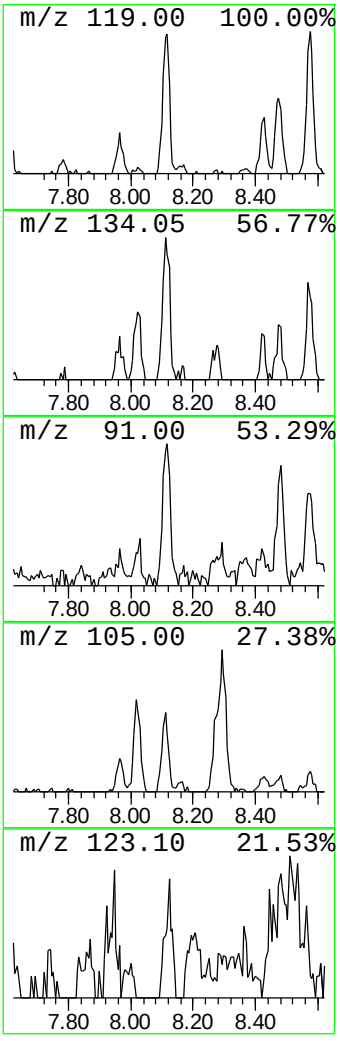
Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.76 ng/ul	76487	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





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Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

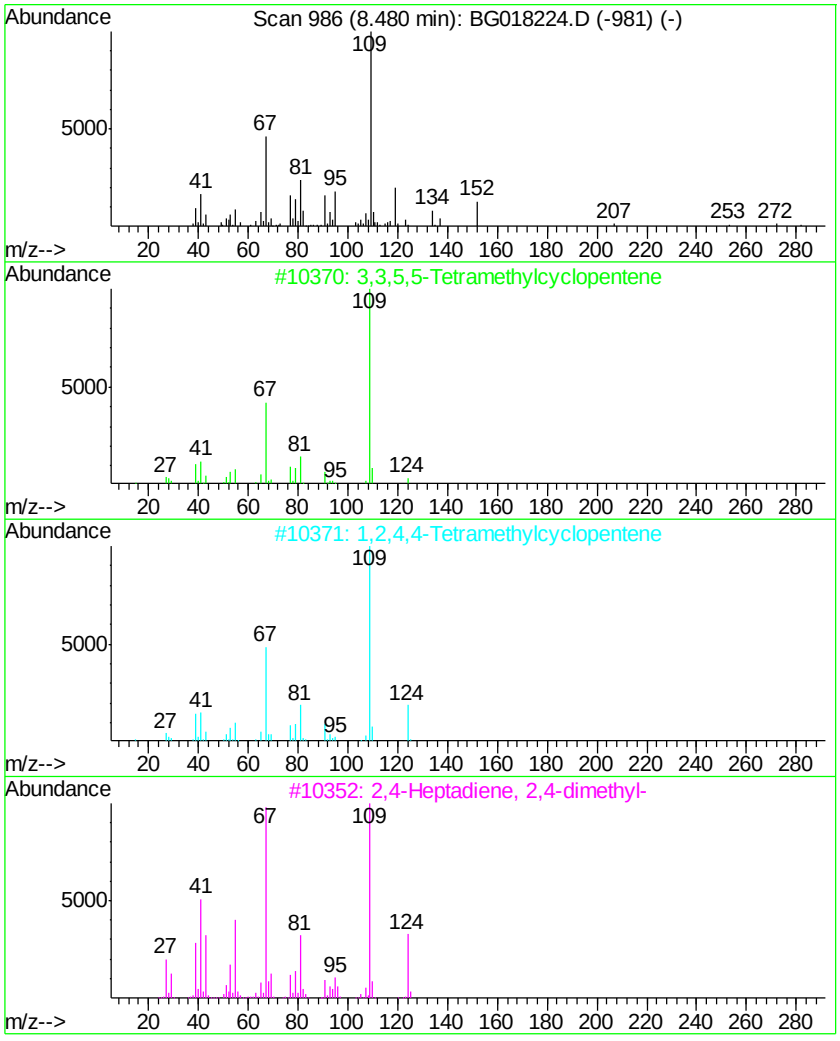
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

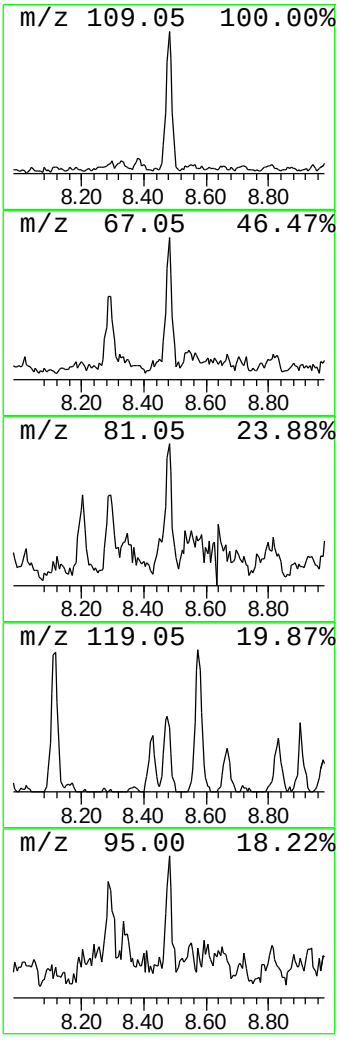
****

Peak Number 8 3,3,5,5-Tetramethylcyclopen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	4.08 ng/ul	113000	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	70
2	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	53
3	2,4-Heptadiene, 2,4-dimethyl-	124	C9H16	074421-05-9	53
4	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	53
5	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	53





Library Search Compound Report

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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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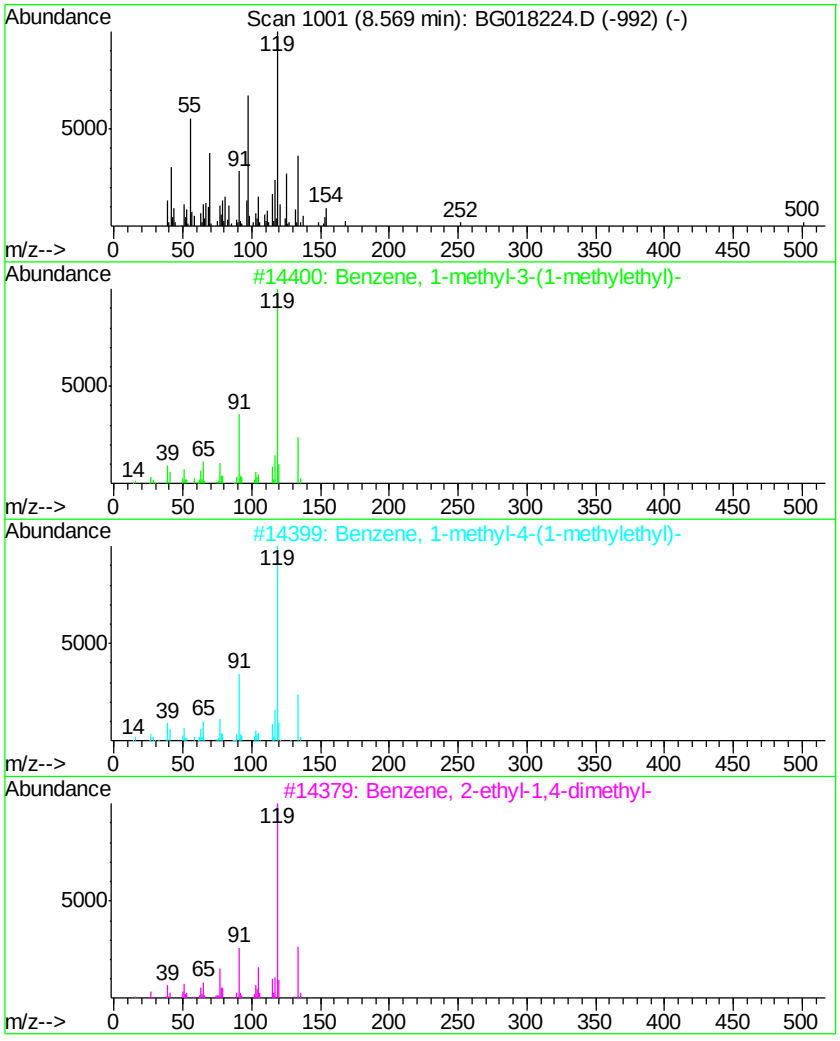
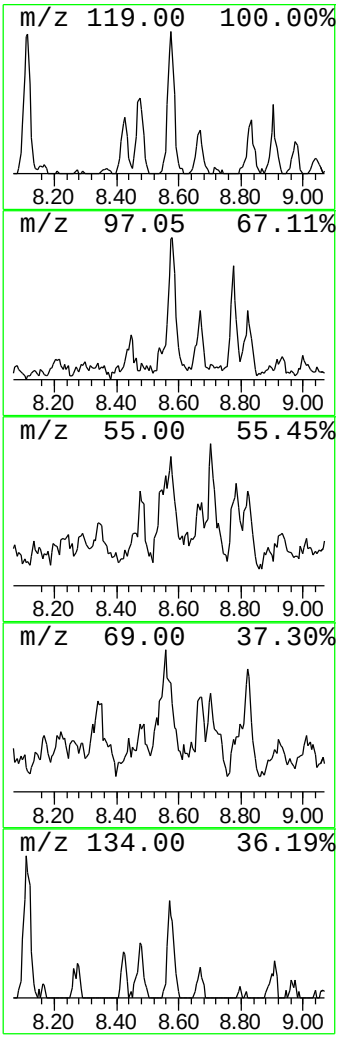
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	5.01 ng/ul	138522	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	50
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46





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Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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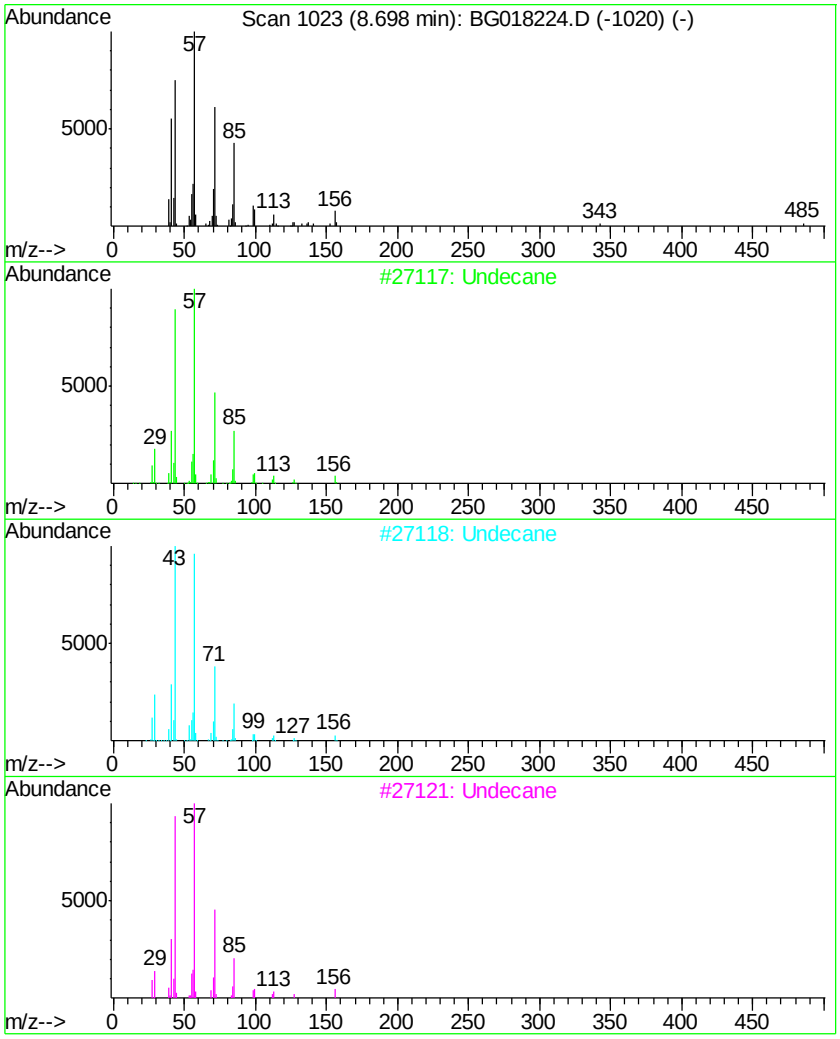
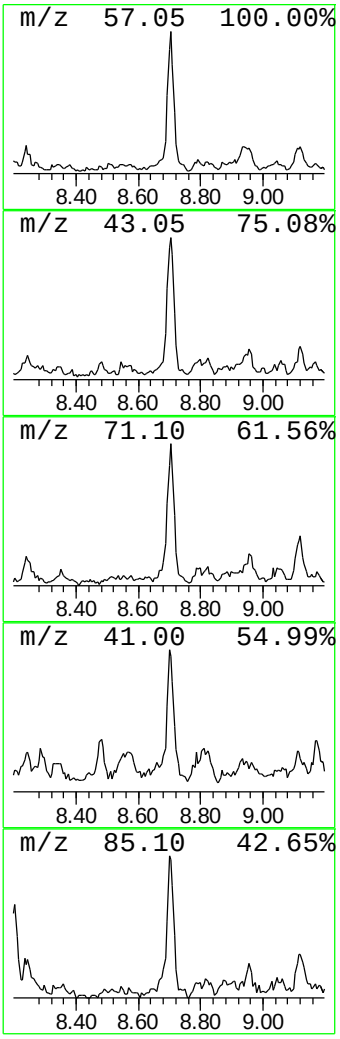
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	7.37 ng/ul	203973	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	81
2	Undecane	156	C11H24	001120-21-4	81
3	Undecane	156	C11H24	001120-21-4	81
4	Tridecane	184	C13H28	000629-50-5	80
5	Decane	142	C10H22	000124-18-5	78





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Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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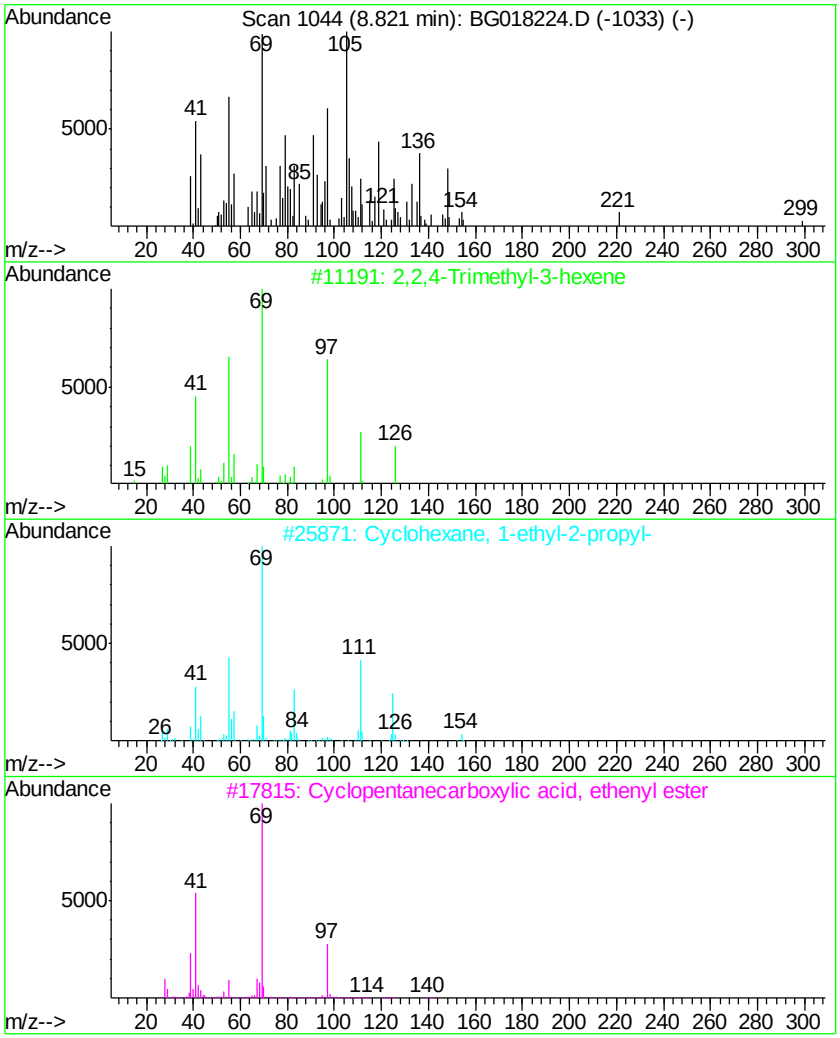
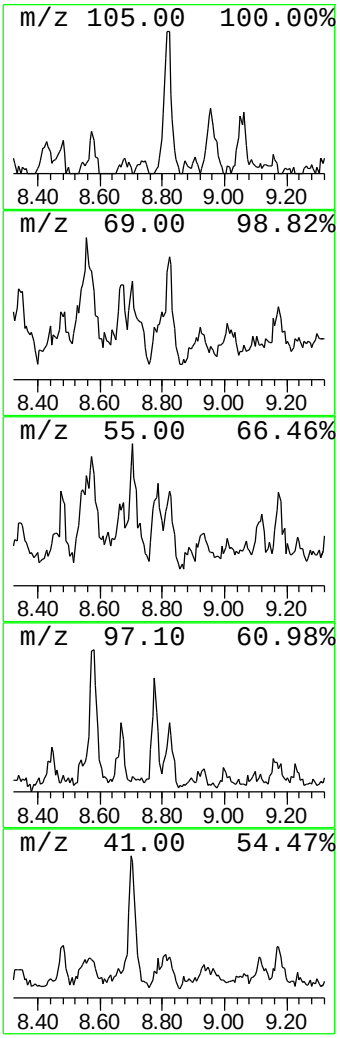
Peak Number 11 (DEL) Alkane: Cyclic8.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	6.72 ng/ul	186026	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	35
2	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	27
4	Benzenepropanoic acid, 3,7-dimet...	286	C19H26O2	074339-36-9	27
5	Ethanol, 2-(3,3-dimethylcyclohex...	154	C10H18O	041370-29-0	27





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Acq On : 2 Aug 2015 14:05
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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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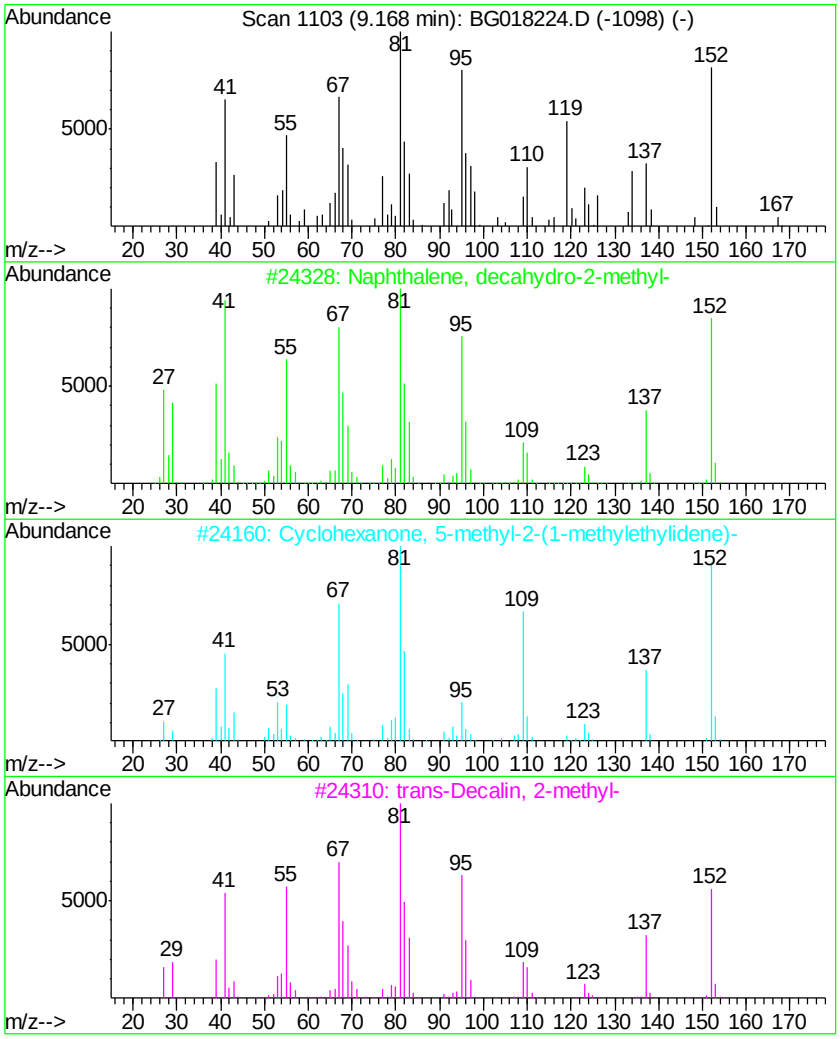
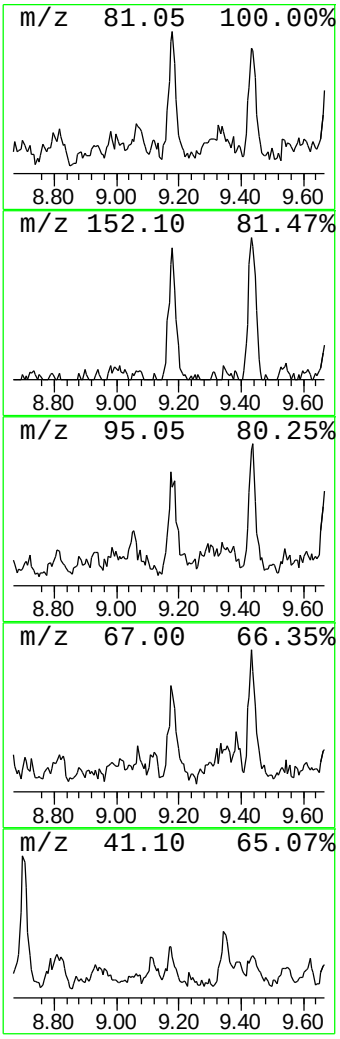
Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.66 ng/ul	118346	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	86
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5	Pulegone	152	C10H16O	000089-82-7	70





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Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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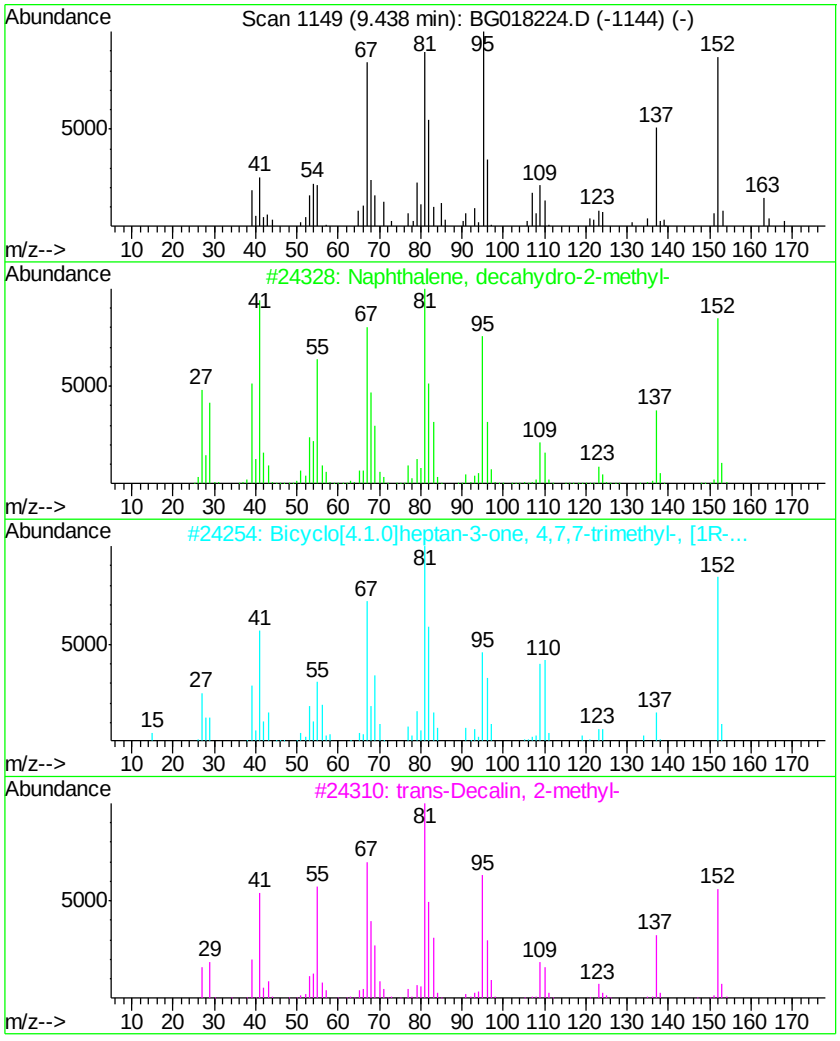
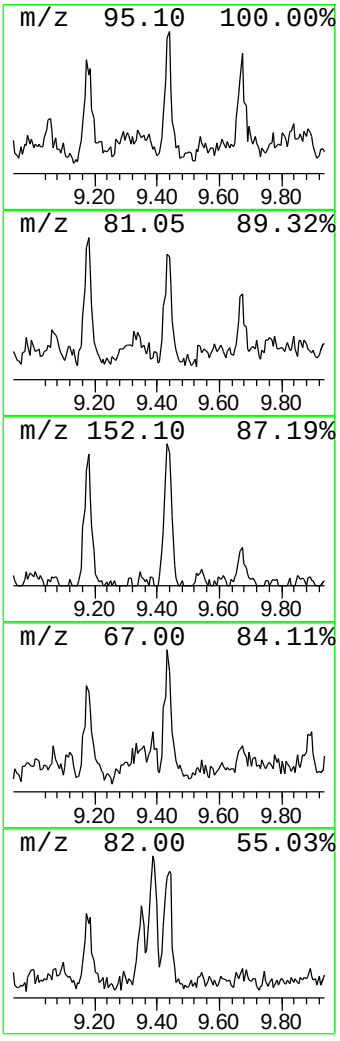
Peak Number 13 Bicyclo[4.1.0]heptan-3-one,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.15 ng/ul	139833	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	68
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5	Pulegone	152	C10H16O	000089-82-7	58





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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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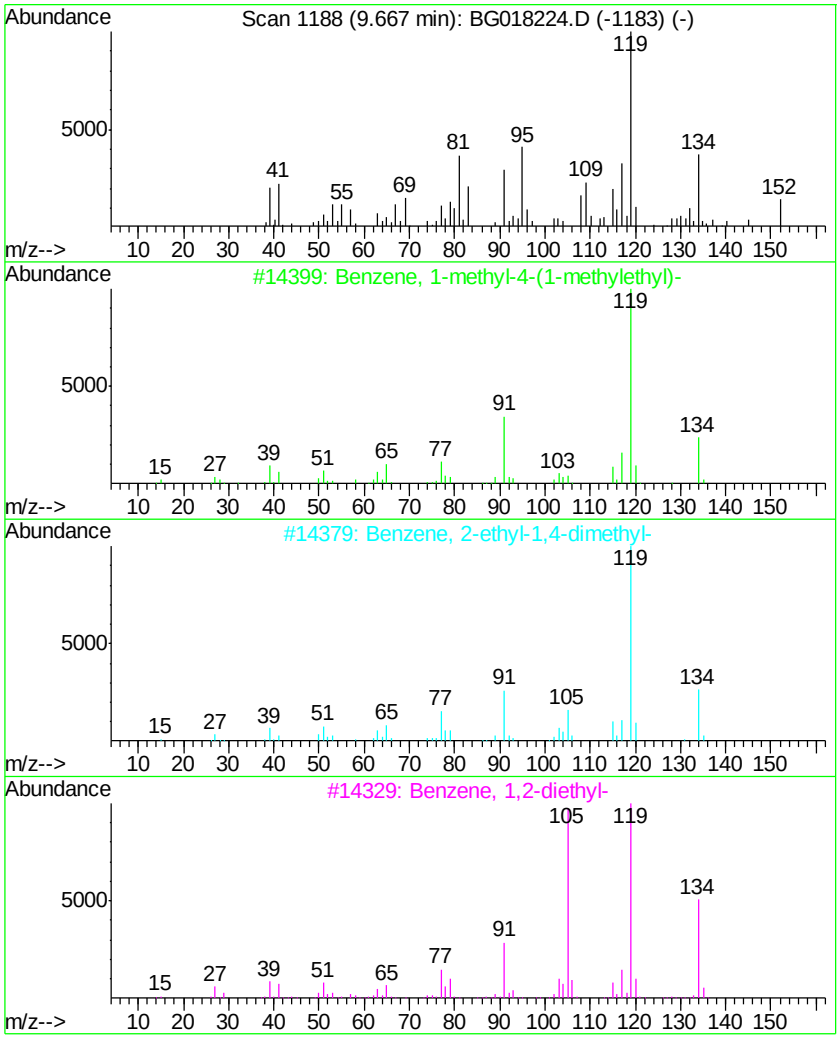
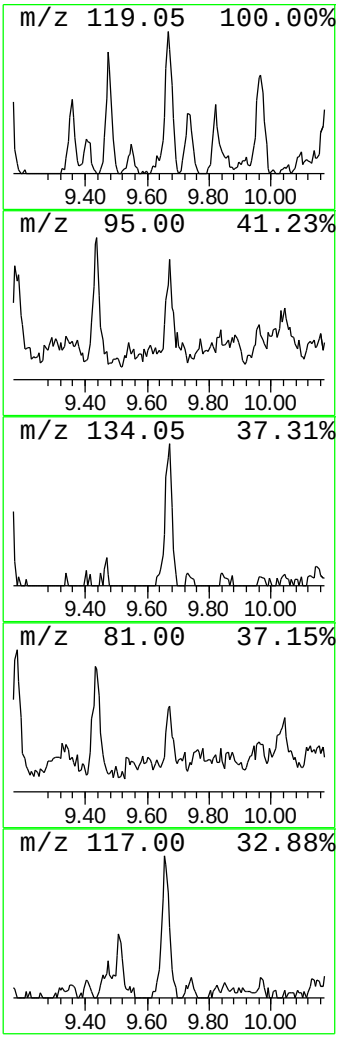
Peak Number 14 unknown-02 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	2.09 ng/ul	92777	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45





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Acq On : 2 Aug 2015 14:05
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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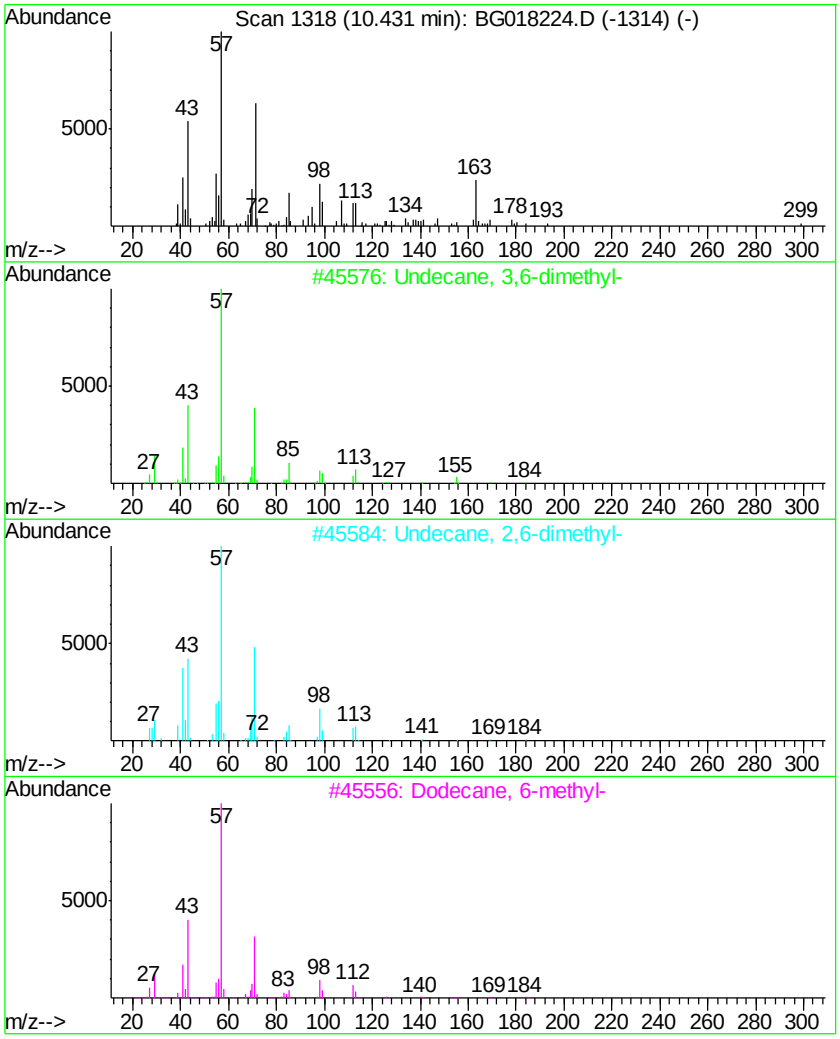
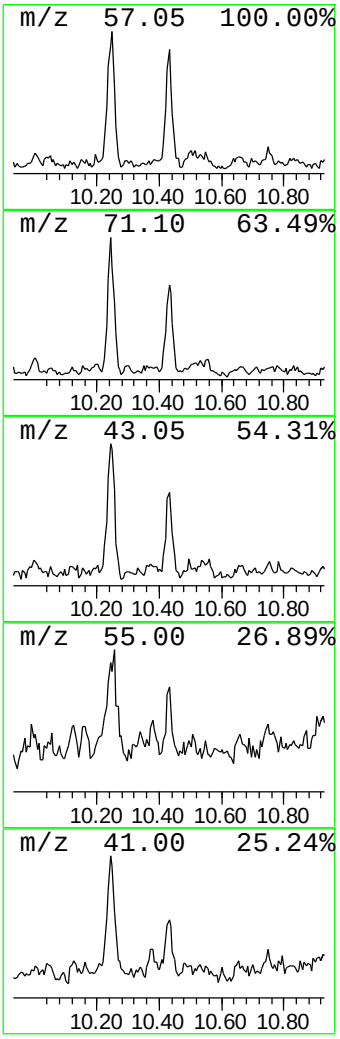
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.38 ng/ul	105654	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	49
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	43





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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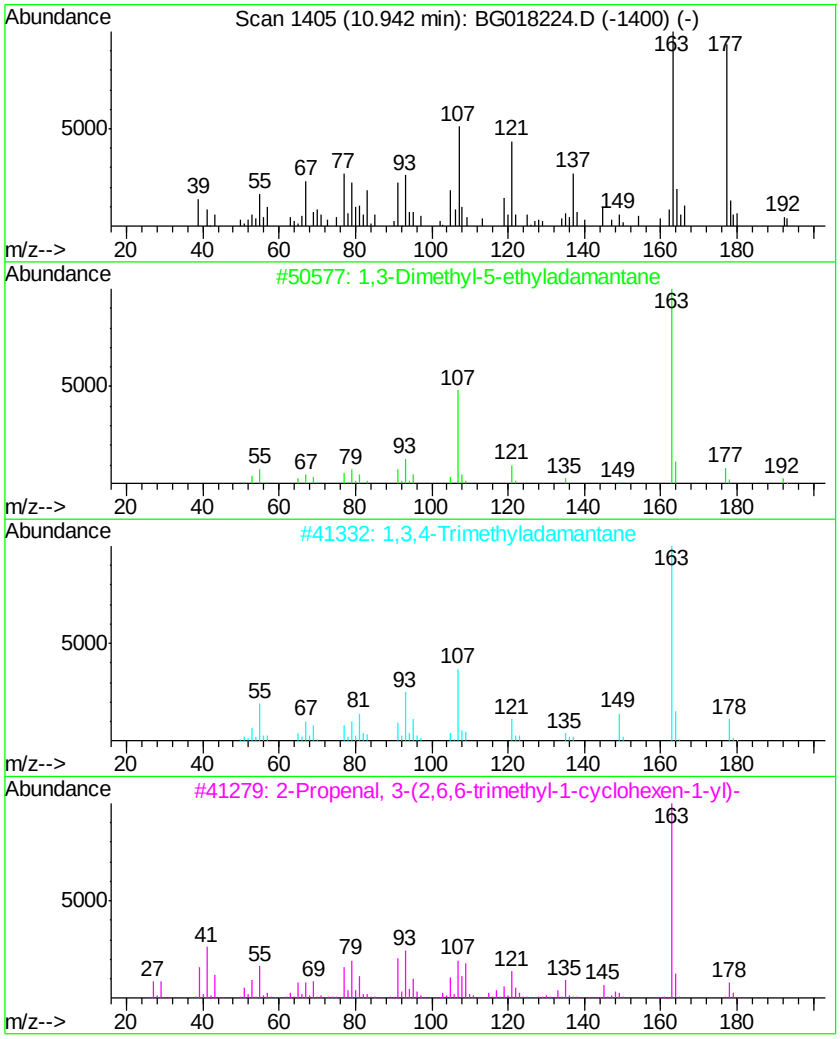
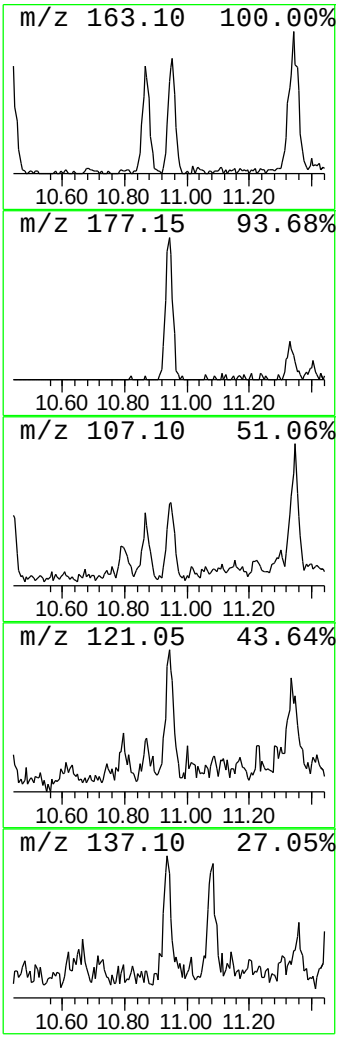
Peak Number 16 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.08 ng/ul	136938	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	43
2	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	41
3	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	38
4	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	38
5	Tricyclo[3.3.1.1(3,7)-]decane, 1...	242	C12H19Br	000941-37-7	38





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Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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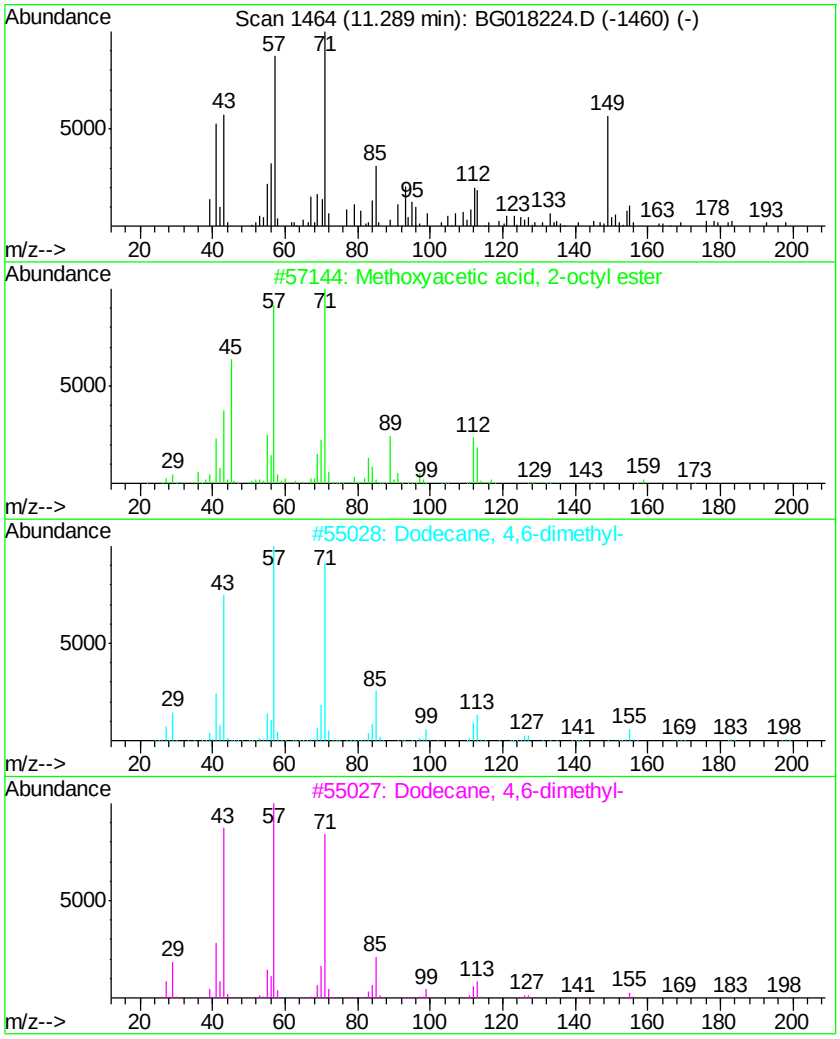
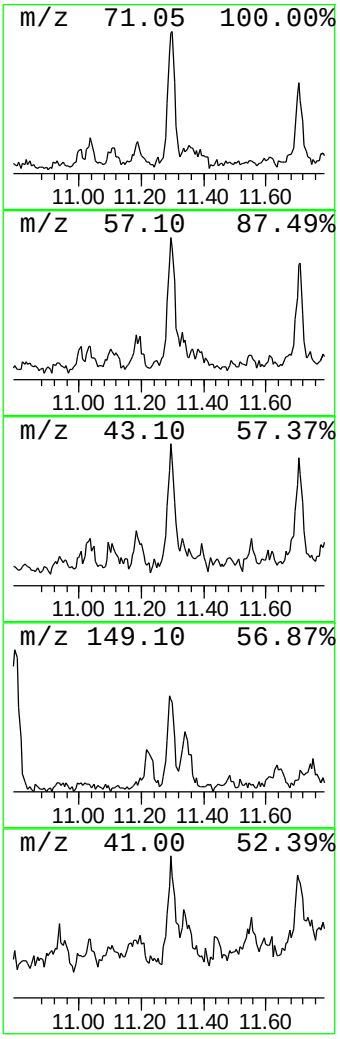
Peak Number 17 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	4.28 ng/ul	190199	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-octyl ester	202	C11H22O3	1000282-69-6	47
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	47
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
5	Decane, 2-methyl-	156	C11H24	006975-98-0	43





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Acq On : 2 Aug 2015 14:05
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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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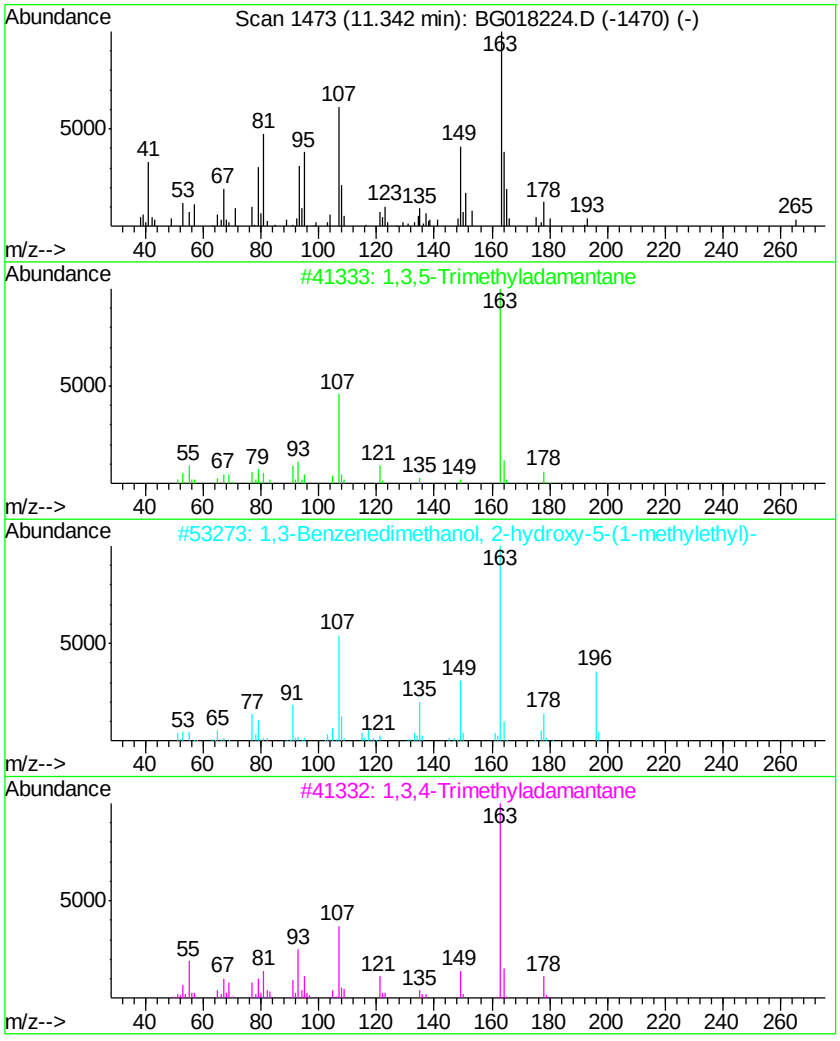
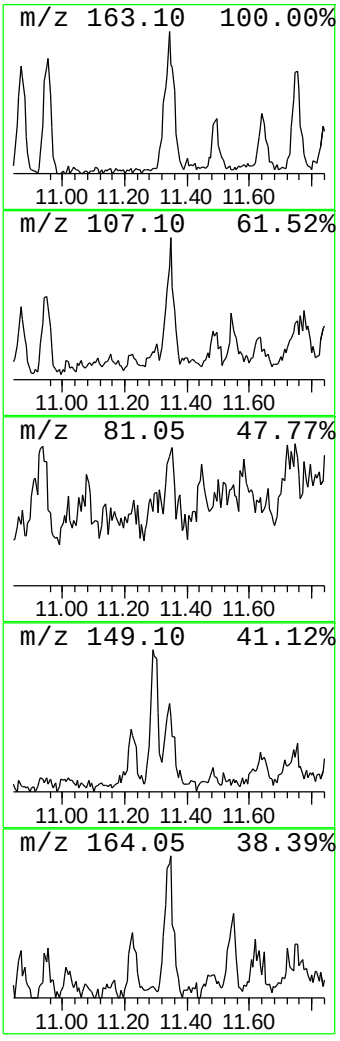
Peak Number 18 unknown-05 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.84 ng/ul	170756	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	43
2	1,3-Benzenedimethanol, 2-hydroxy...	196	C11H16O3	054845-41-9	38
3	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	37
4	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	35
5	Tricyclo[3.3.1.1(3,7)-]decane, 1...	242	C12H19Br	000941-37-7	32





Library Search Compound Report

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Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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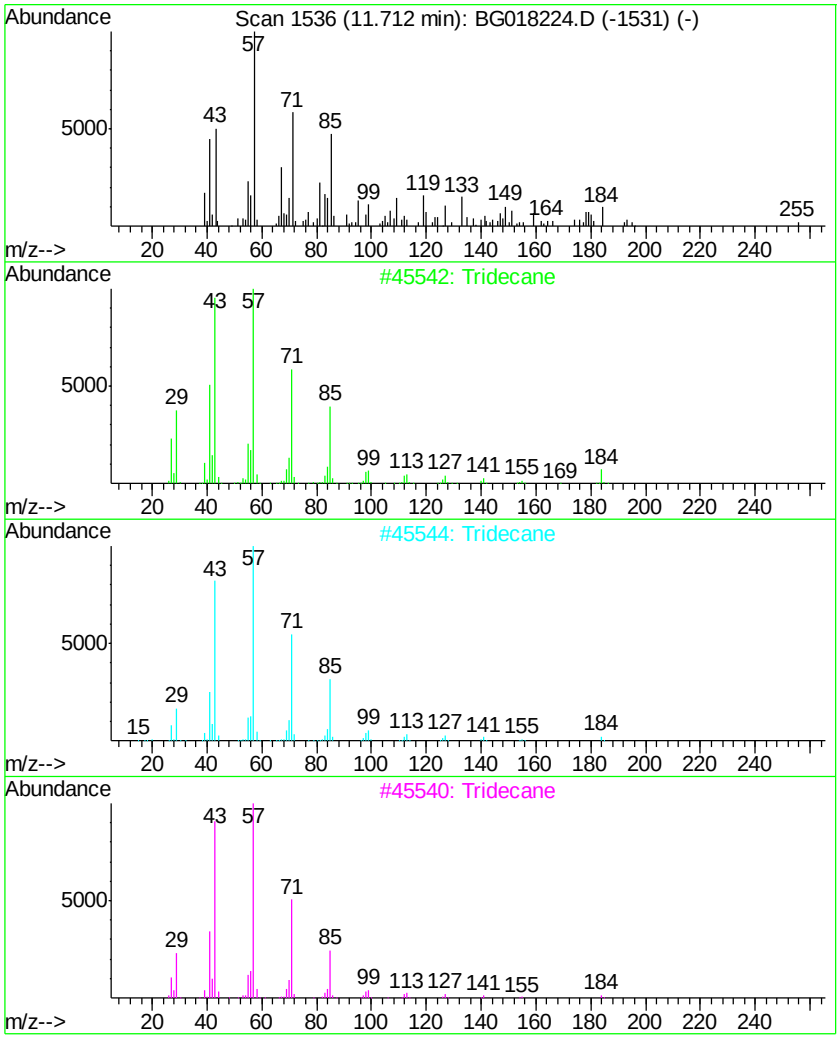
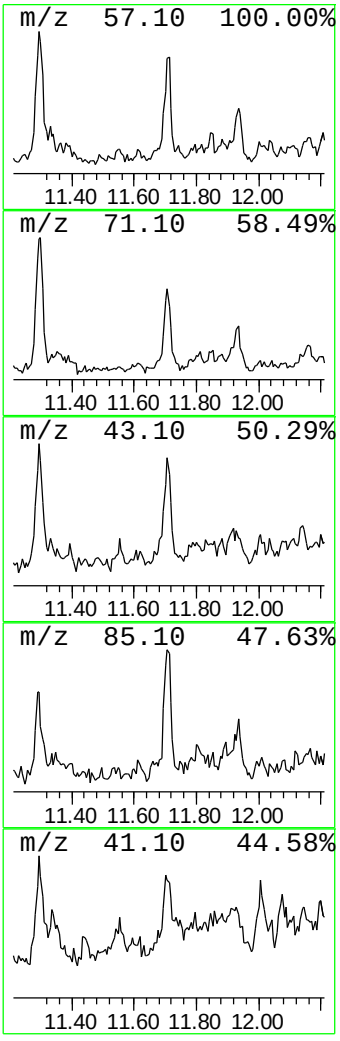
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.69 ng/ul	119726	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Tridecane	184	C13H28	000629-50-5	58
5	Tridecane	184	C13H28	000629-50-5	58





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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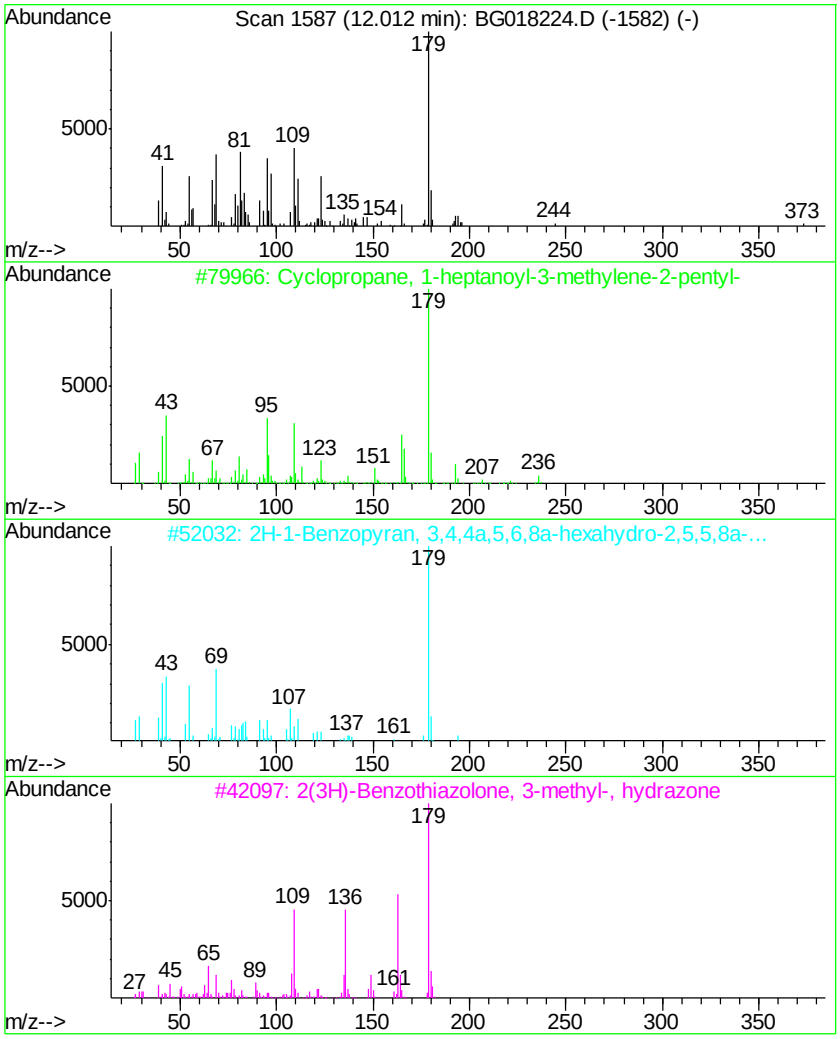
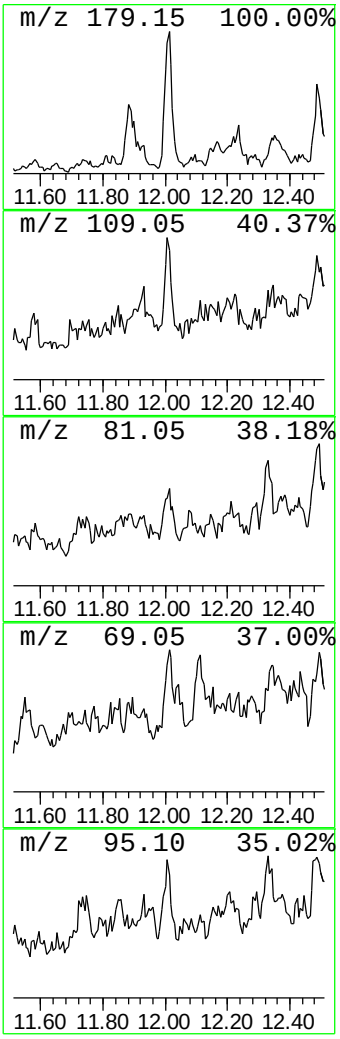
Peak Number 20 unknown-06 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.18 ng/ul	141228	Naphthalene-d8	10.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-heptanoyl-3-meth...	236	C16H28O	1000157-26-0	38
2	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	37
3	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	37
4	2-Oxabicyclo[4.4.0]dec-9-ene, (1...	194	C13H22O	1000139-31-3	32
5	2,4,6-Trimethyl-7-oxo-4,7-dihydr...	179	C7H9N5O	025623-78-3	27





Library Search Compound Report

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Sample : G3065-12RE
Misc :
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Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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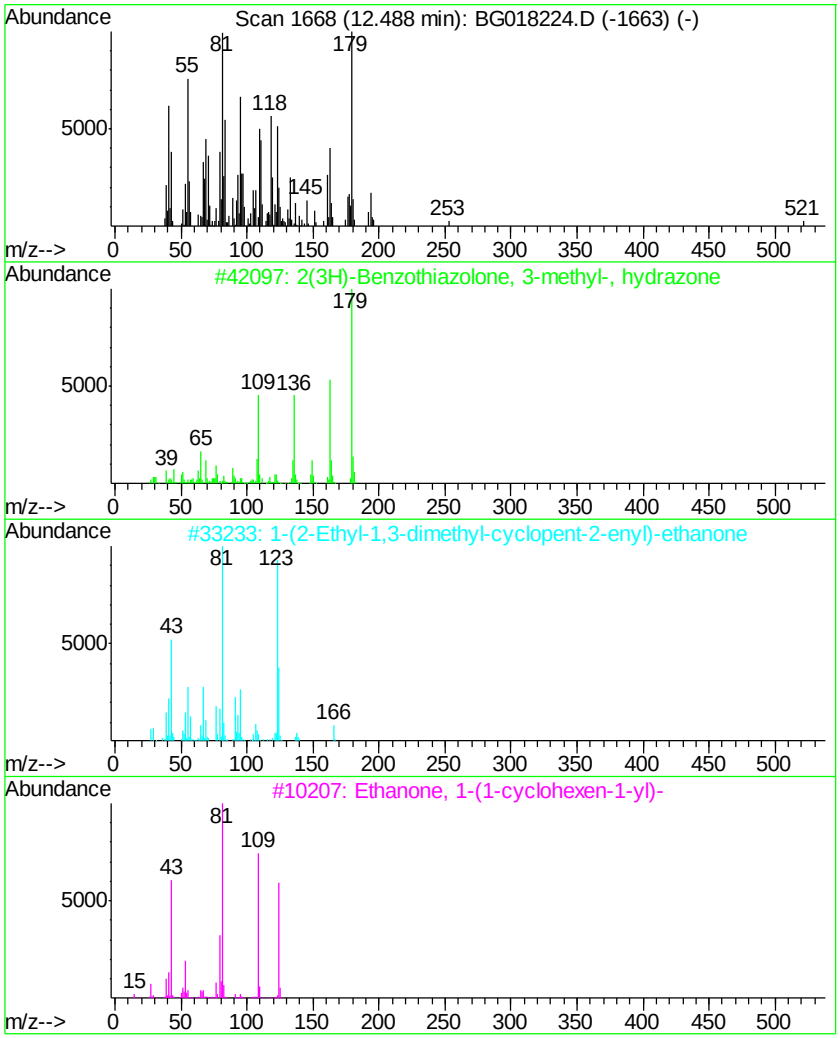
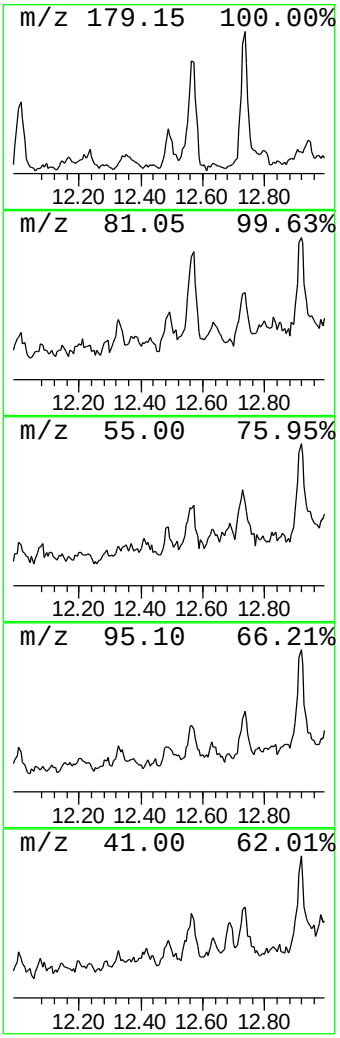
Peak Number 21 unknown-07 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.21 ng/ul	215497	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	25
2	1-(2-Ethyl-1,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-1	22
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	18
4	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	18
5	Imidazolo[1,2-a]pyrimidine-2,5(1...	179	C8H9N3O2	053854-19-6	18





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Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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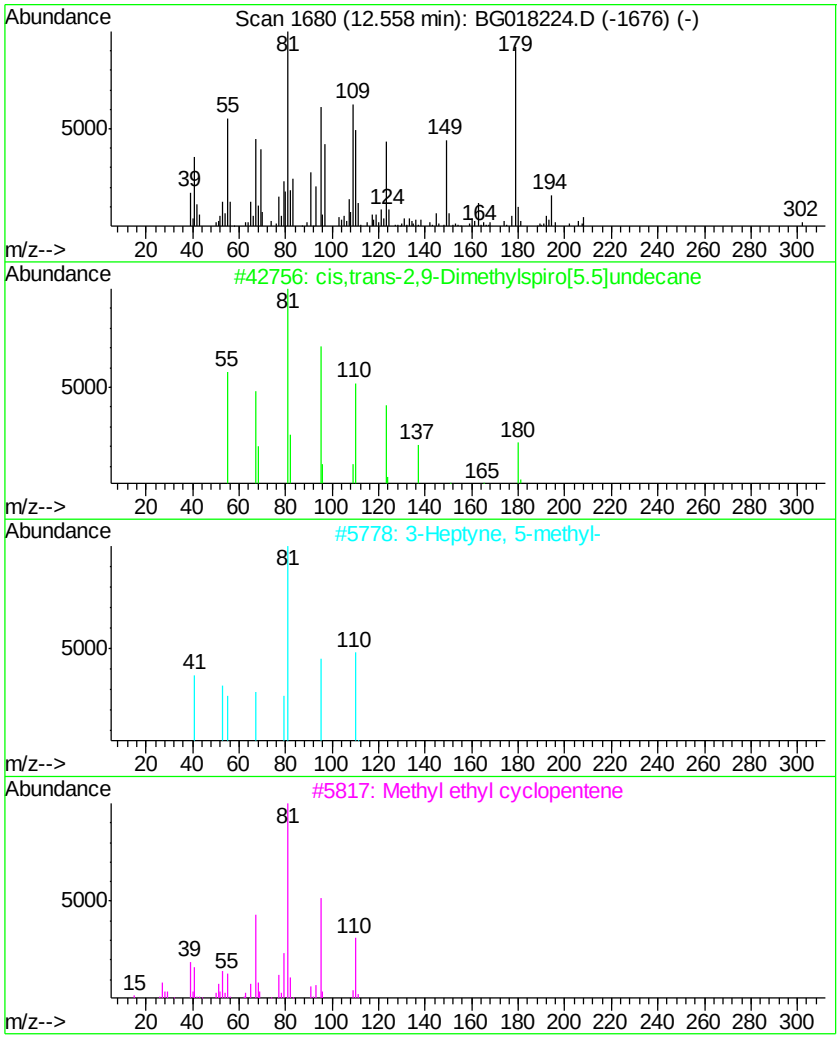
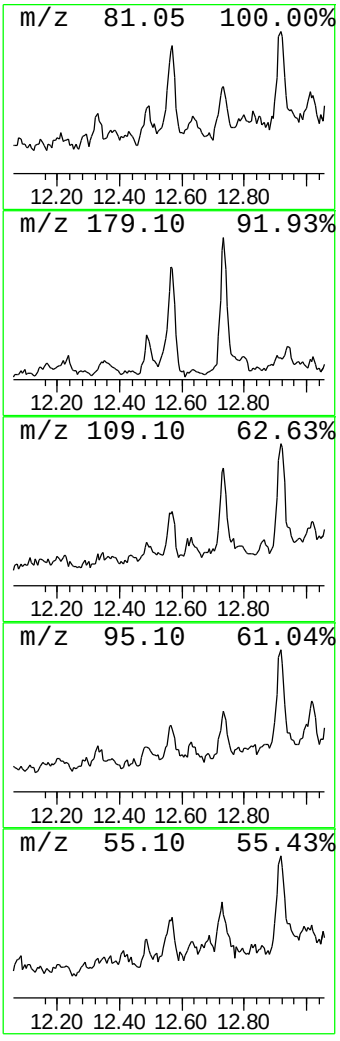
Peak Number 22 cis,trans-2,9-Dimethylspiro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.11 ng/ul	312873	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	62
2	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	30
3	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	30
4	2-(2-Hydroxycyclooctyl)-furan	194	C12H18O2	115754-90-0	22
5	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	18





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Acq On : 2 Aug 2015 14:05
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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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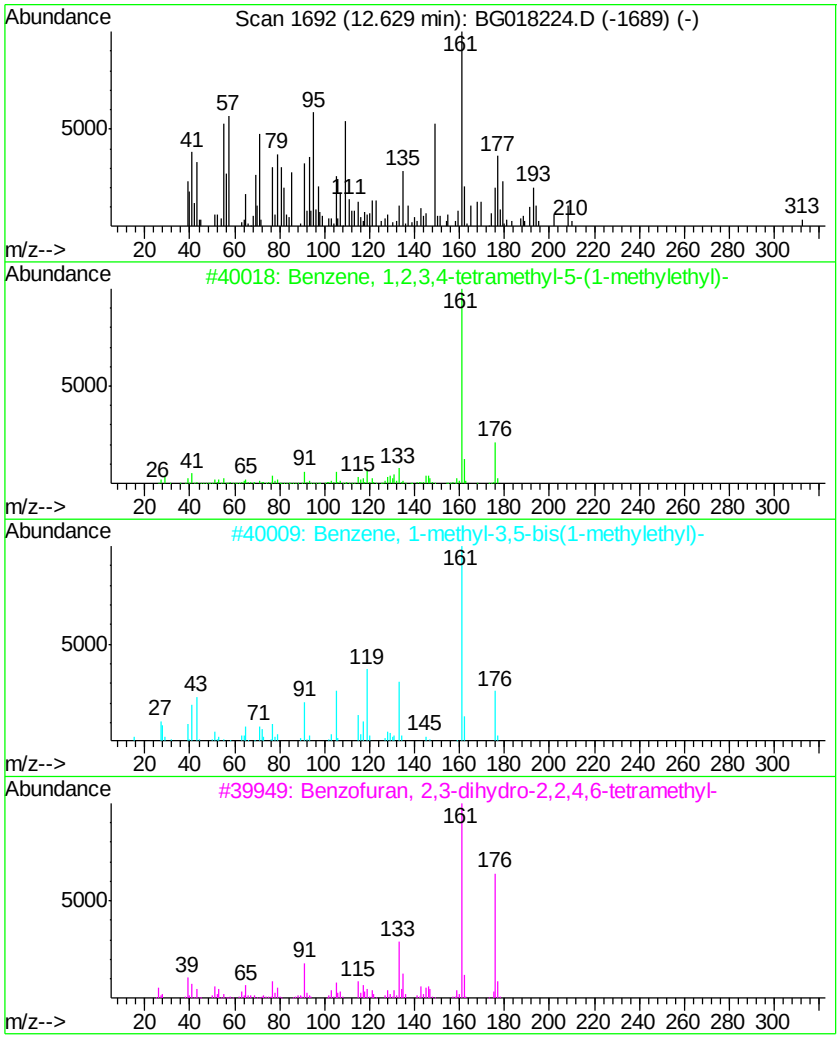
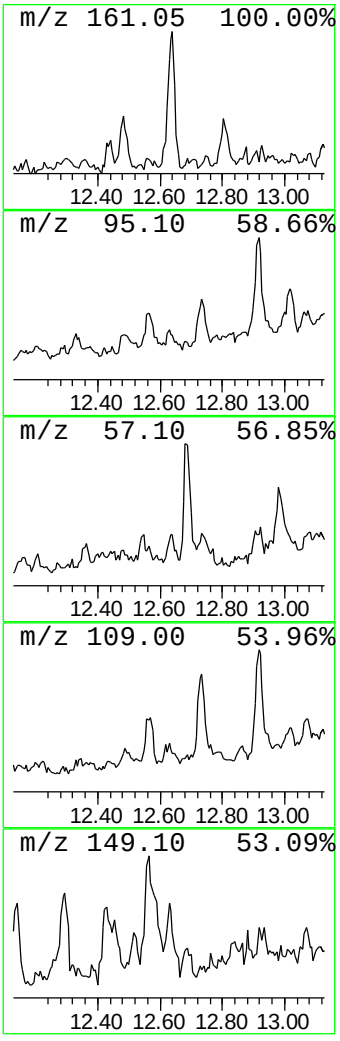
Peak Number 23 unknown-08 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.81 ng/ul	144052	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-5-(...	176	C13H20	061142-67-4	25
2	Benzene, 1-methyl-3,5-bis(1-meth...	176	C13H20	003055-14-9	22
3	Benzofuran, 2,3-dihydro-2,2,4,6-...	176	C12H16O	003698-49-5	22
4	2-Buten-1-one, 1-(2-hydroxy-5-me...	176	C11H12O2	005631-63-0	22
5	Benzene, 2-methyl-1,4-bis(1-meth...	176	C13H20	058502-85-5	18





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Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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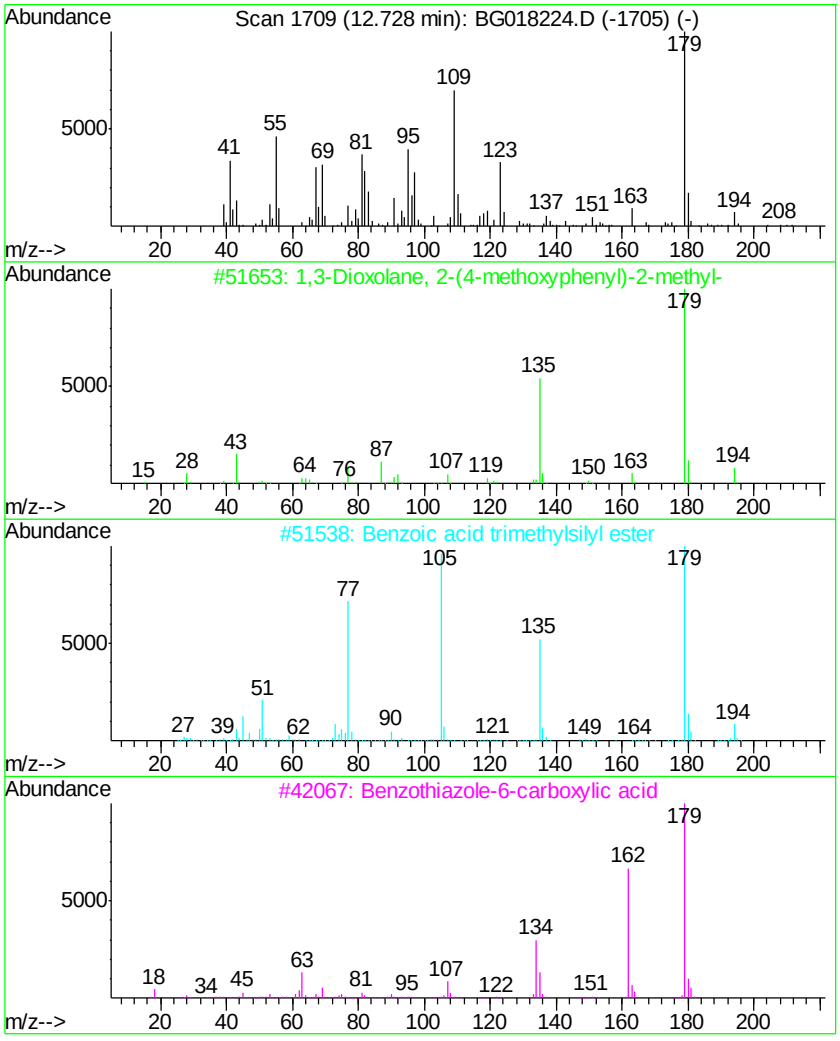
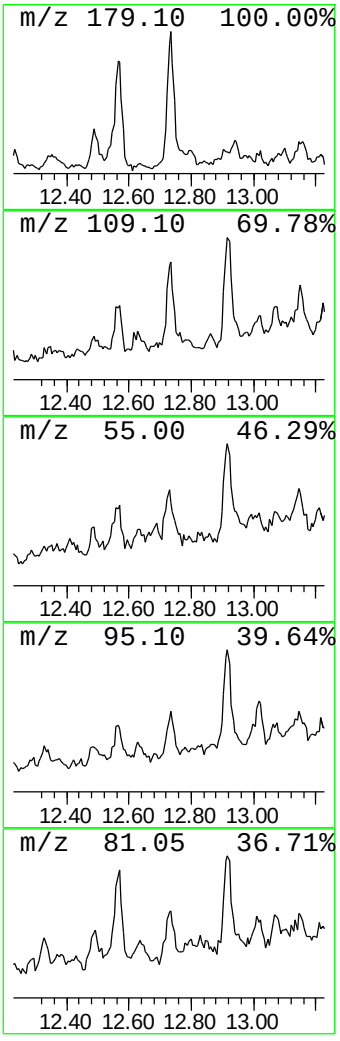
Peak Number 24 unknown-09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	5.97 ng/ul	305948	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	30
2	Benzoic acid trimethylsilyl ester	194	C10H14O2Si	002078-12-8	27
3	Benzothiazole-6-carboxylic acid	179	C8H5NO2S	003622-35-3	27
4	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	25
5	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	22





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Sample : G3065-12RE
Misc :
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Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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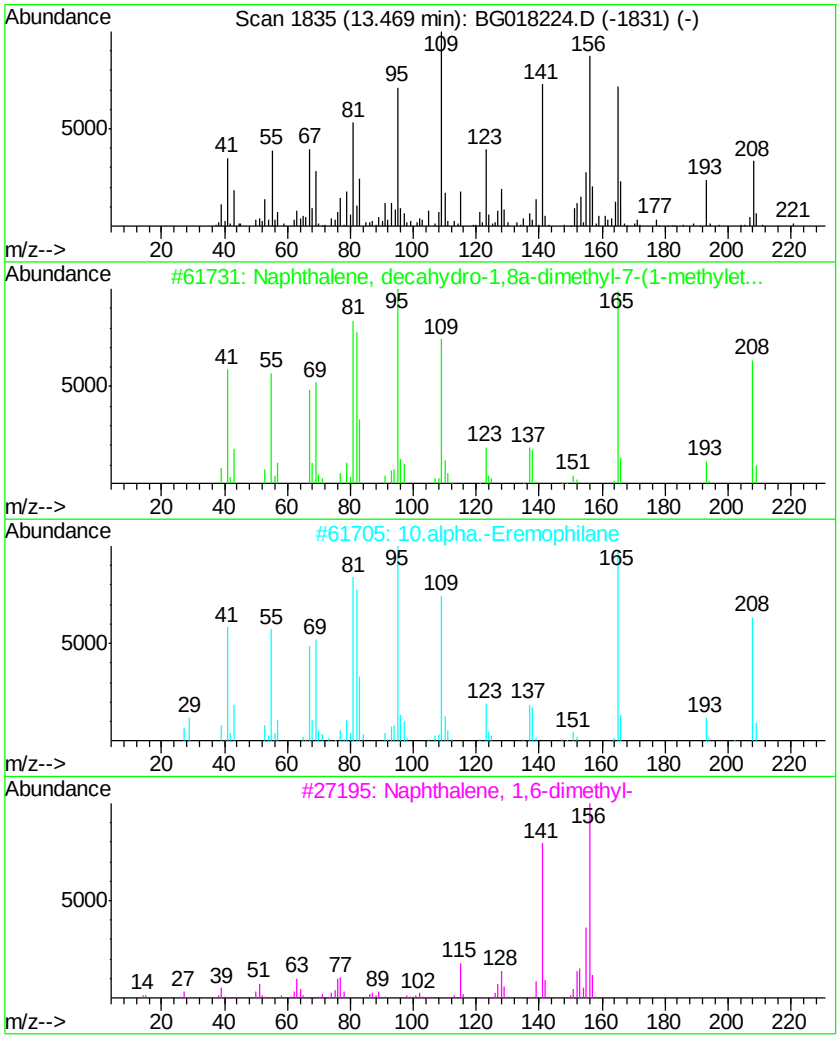
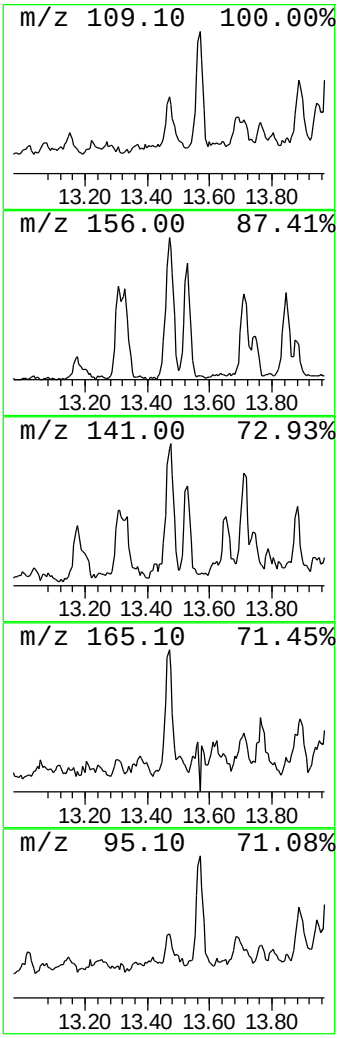
Peak Number 26 unknown-10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.90 ng/ul	353521	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,8a-dime...	208	C15H28	015404-63-4	49
2	10.alpha.-Eremophilane	208	C15H28	003242-05-5	49
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	47
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	47
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	35





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Acq On : 2 Aug 2015 14:05
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Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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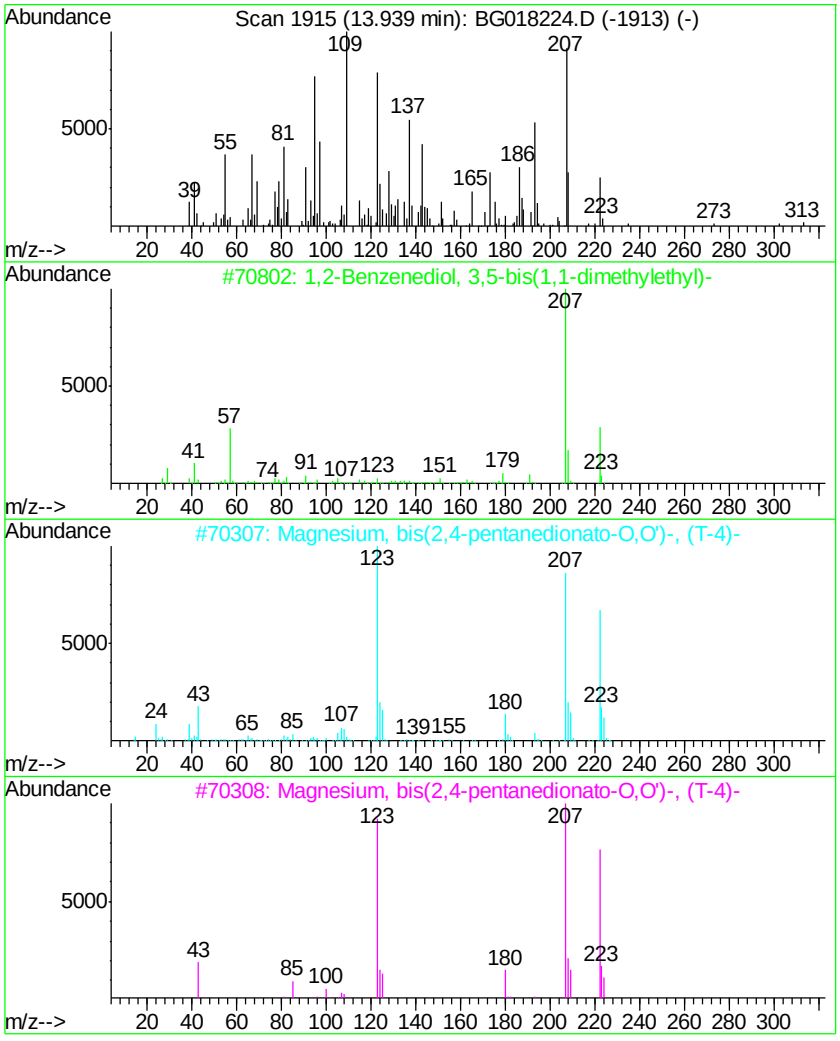
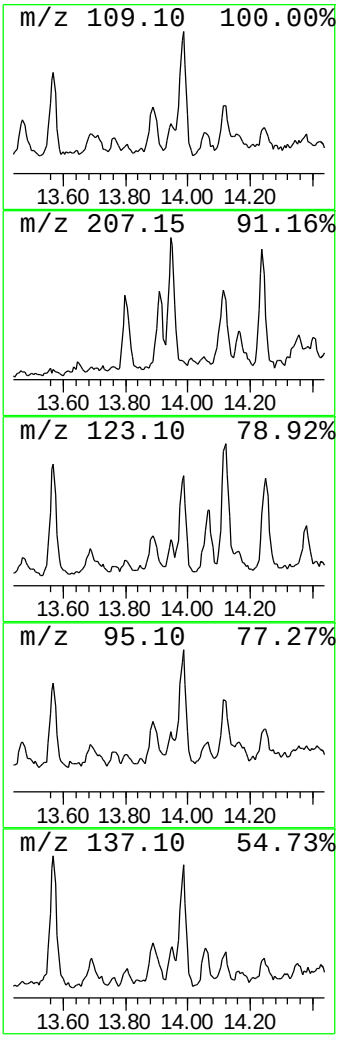
Peak Number 27 unknown-11 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	5.34 ng/ul	273751	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	30
2	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	30
3	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	30
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	27
5	di-t-Butylacetylene	138	C10H18	017530-24-4	15





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Sample : G3065-12RE
Misc :
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Instrument : BNA_G
ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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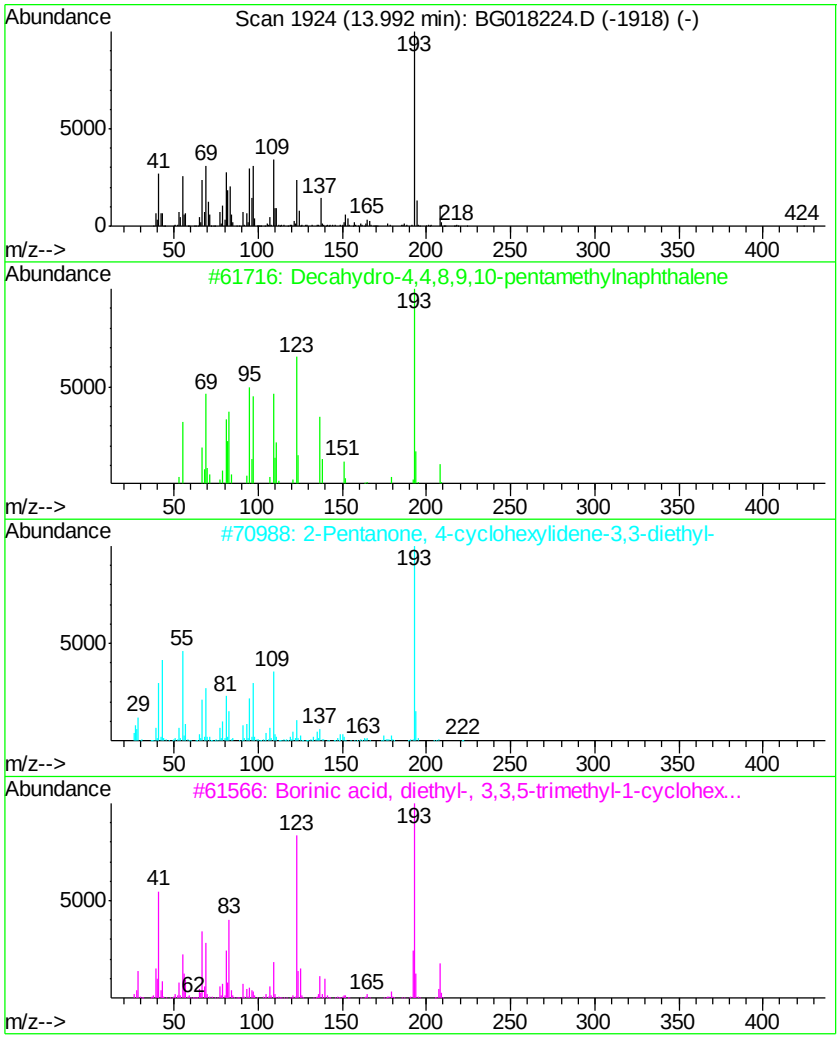
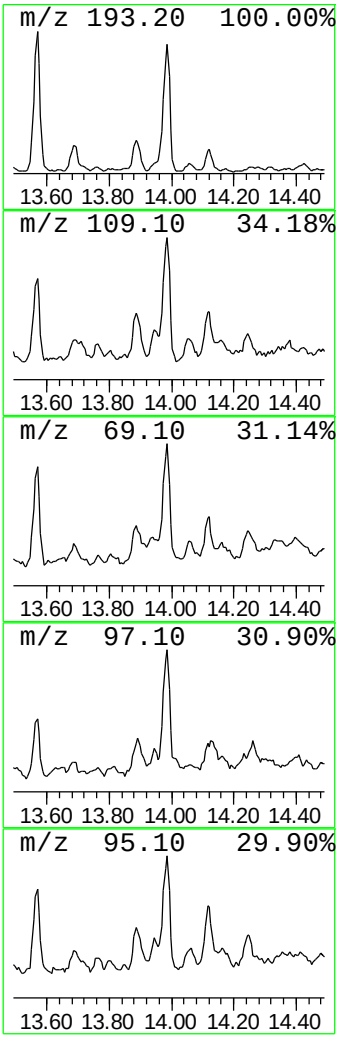
Peak Number 28 2-Pentanone, 4-cyclohexylid... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	36.90 ng/ul	1890390	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	40
4	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	37
5	Anthracene, 9,10-dihydro-9,10-di...	208	C16H16	022566-43-4	35





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ClientSampleId : C02A6RE

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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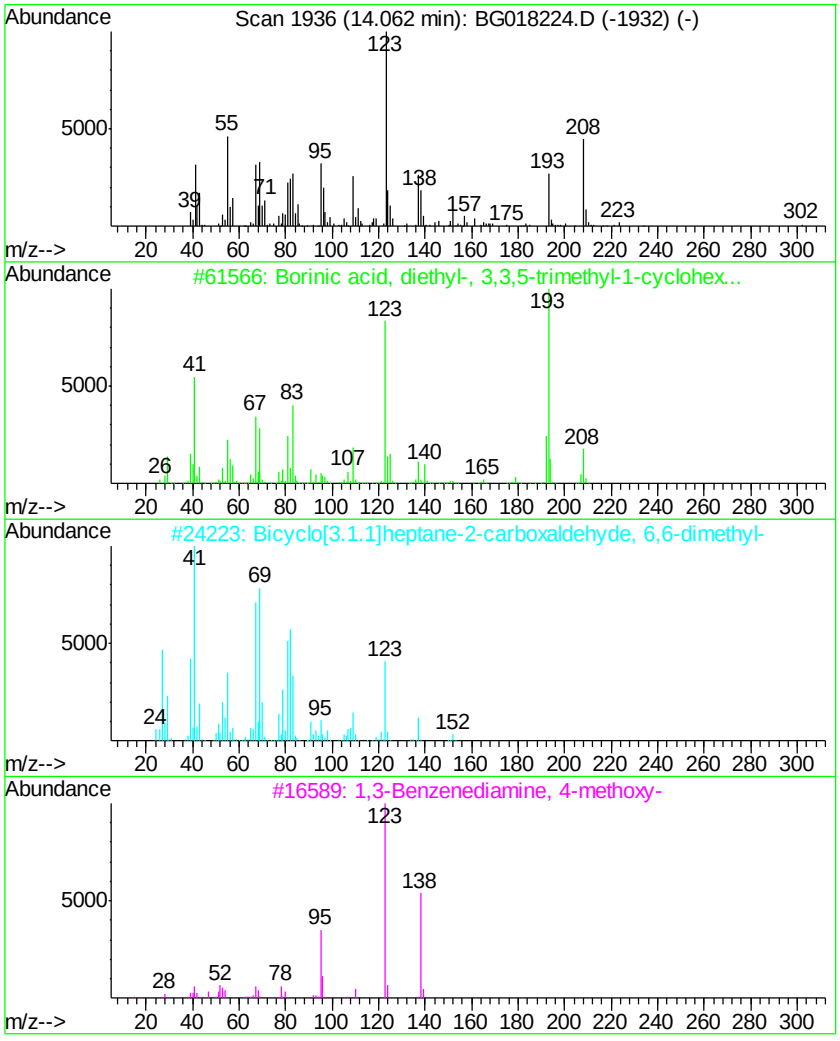
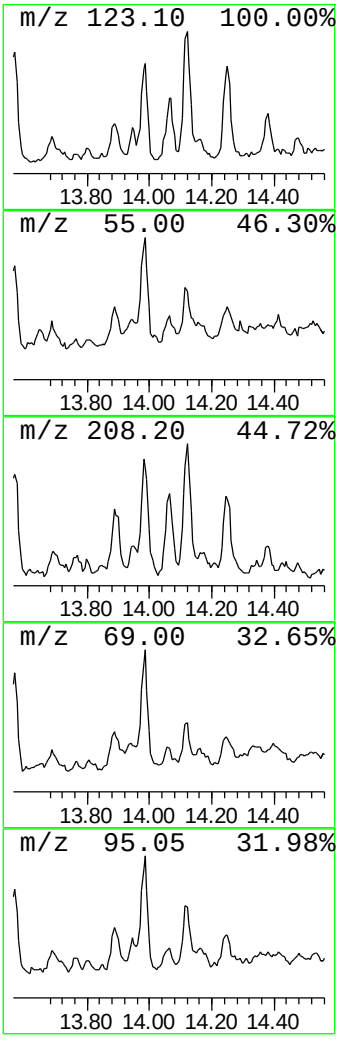
Peak Number 29 unknown-12 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	6.26 ng/ul	320491	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	43
2	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	35
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	27
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
5	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	25





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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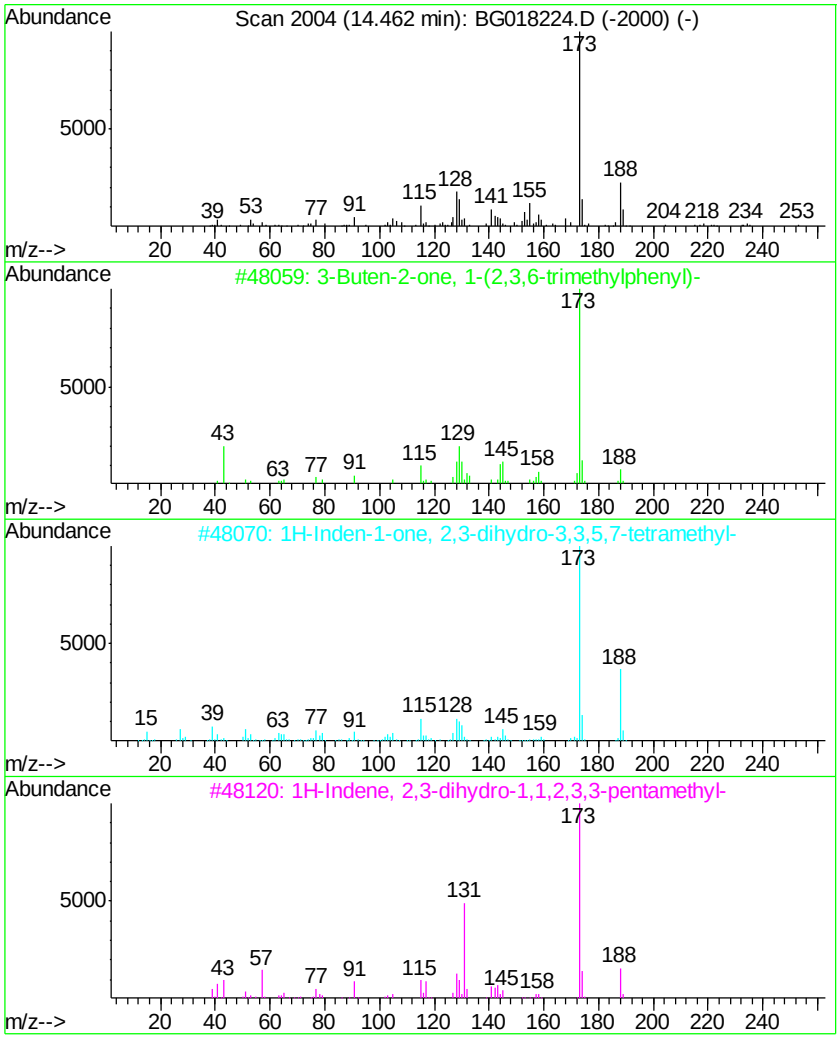
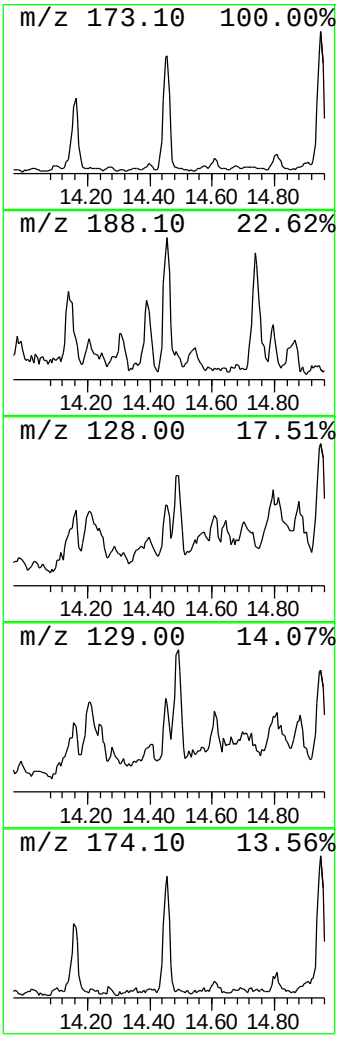
Peak Number 30 3-Buten-2-one, 1-(2,3,6-tri... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.59 ng/ul	183985	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 1-(2,3,6-trimethy...	188	C13H16O	054789-45-6	94
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	90
3	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	90
4	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	87
5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

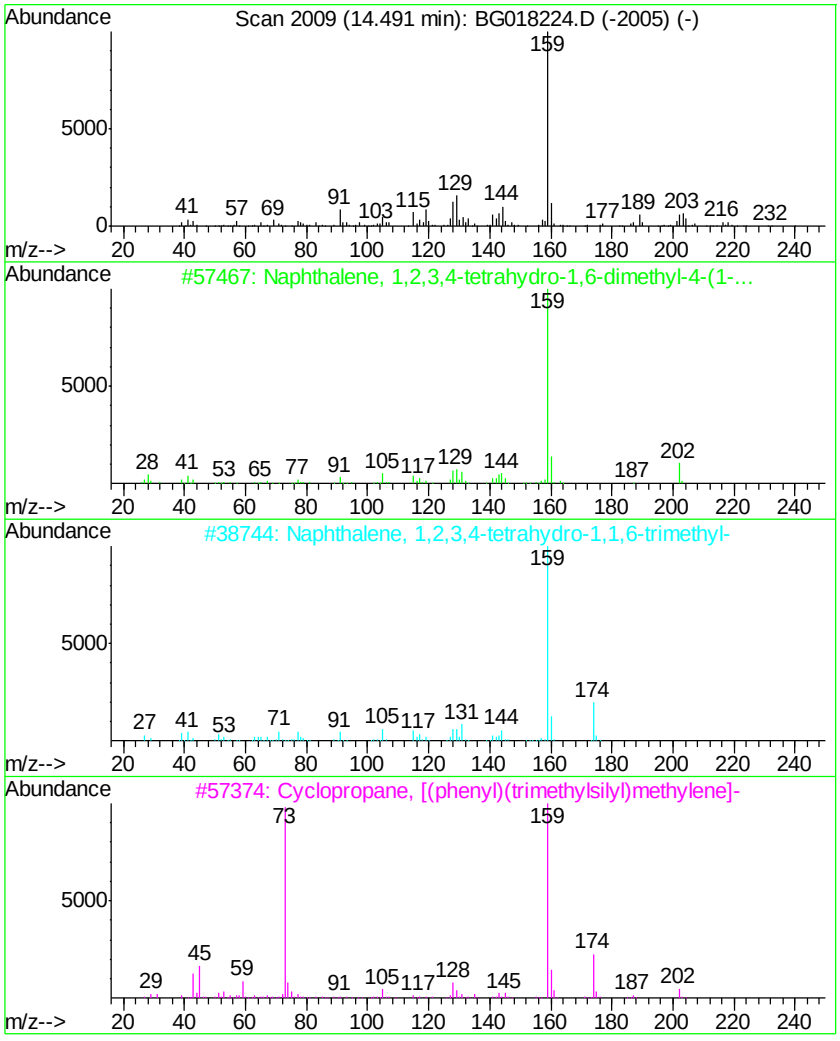
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

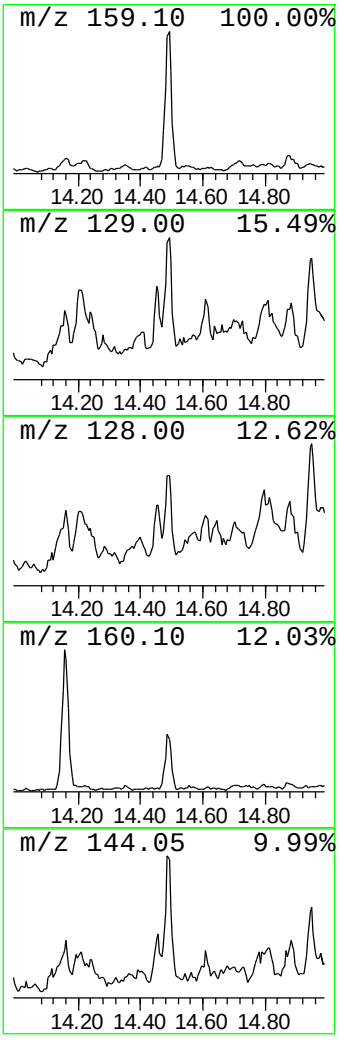
****

Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	10.93 ng/ul	559834	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	64
3	Cyclopropane, [(phenyl)(trimethy...	202	C13H18Si	1000154-11-9	64
4	Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

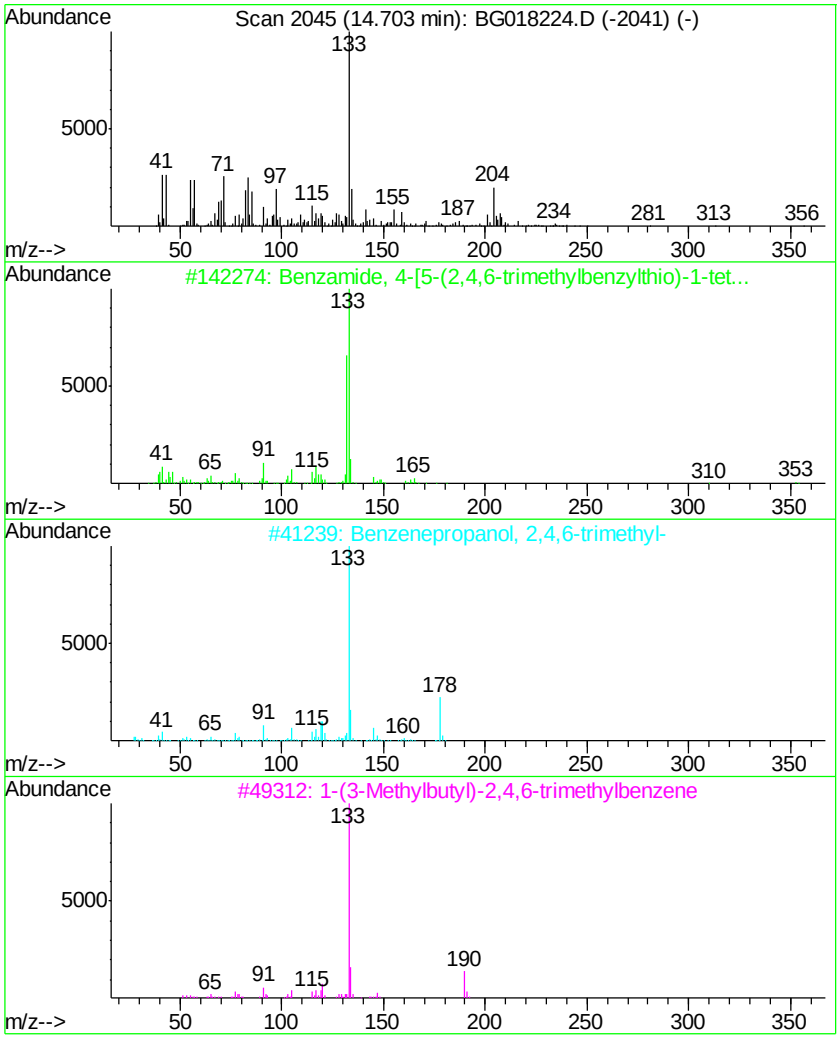
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

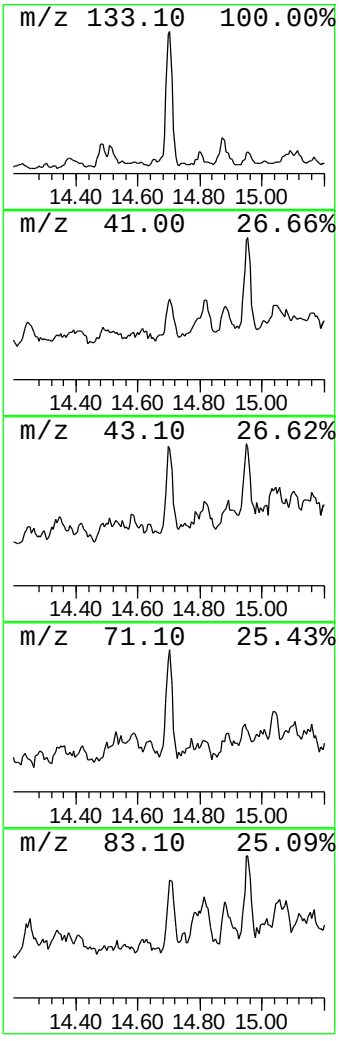
****

Peak Number 32 unknown-13 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	14.08 ng/ul	721213	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-[5-(2,4,6-trimethyl...	353	C18H19N5OS	309735-33-9	43
2	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	38
3	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	38
4	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	35
5	2-{2-[1-(2-Hydroxyethyl)-5-oxo-3...	417	C20H23N3O5S	1000224-26-4	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

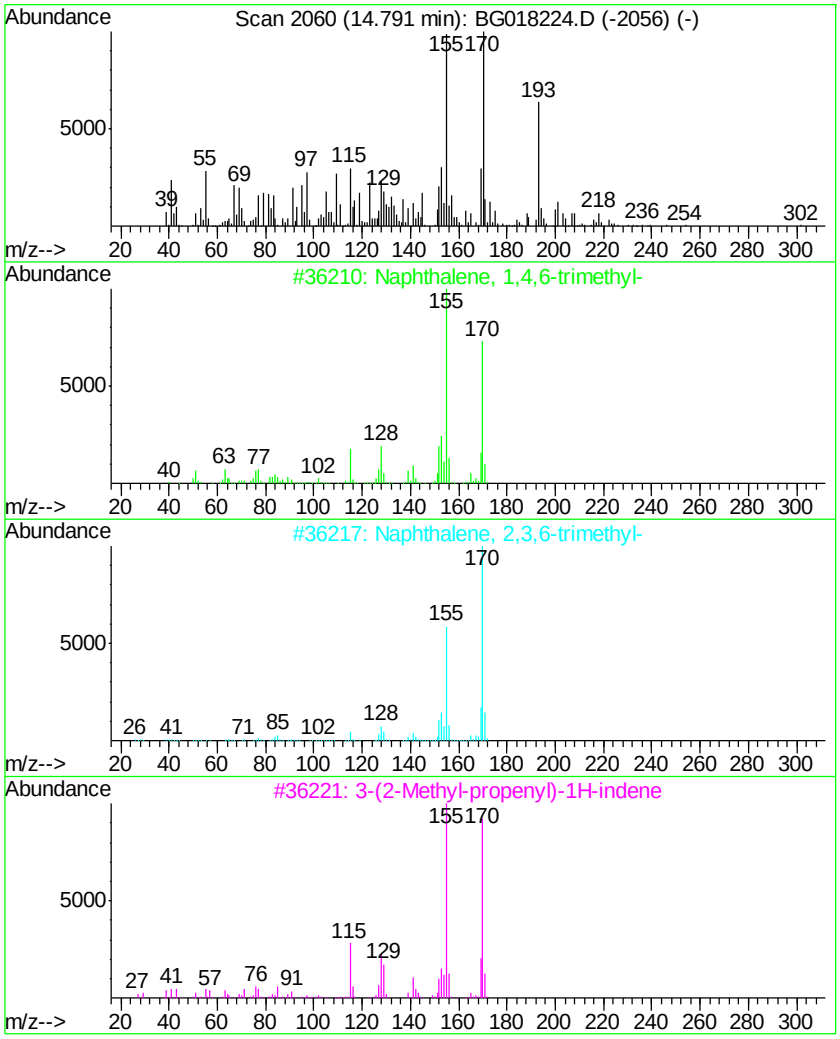
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

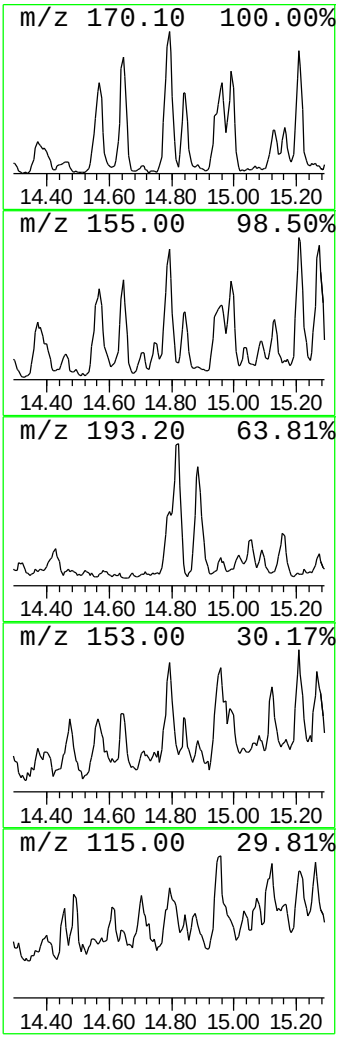
****

Peak Number 33 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.97 ng/ul	613221	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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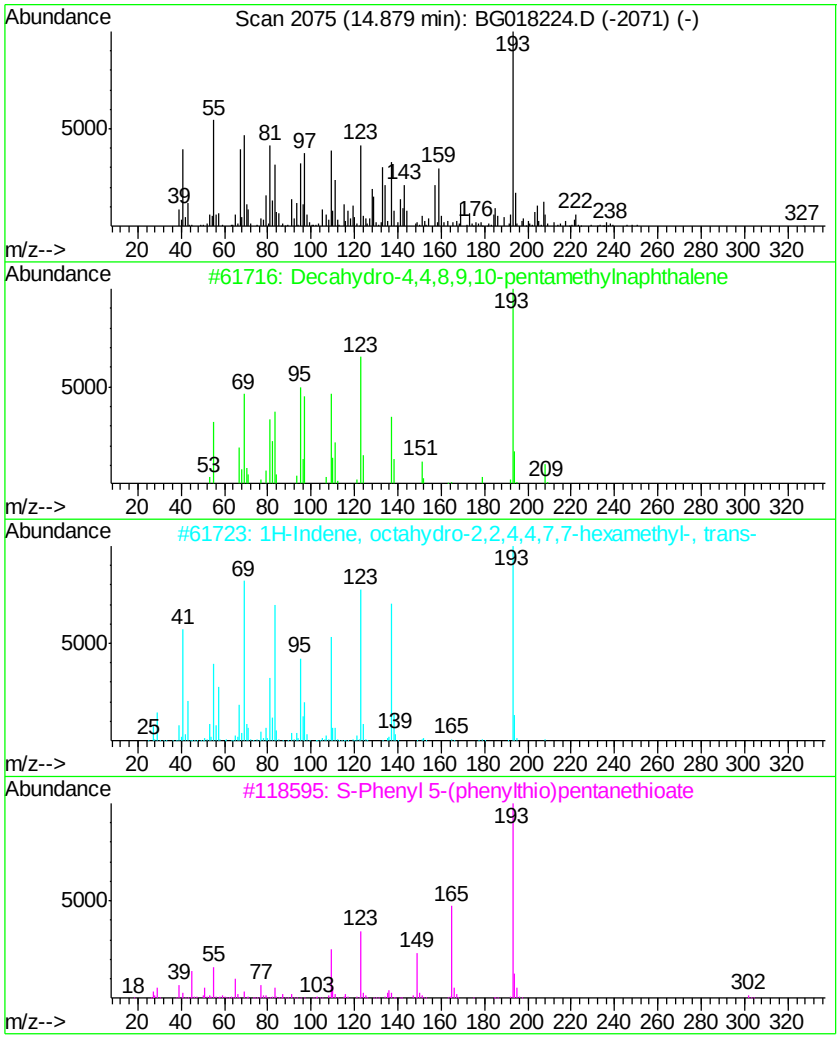
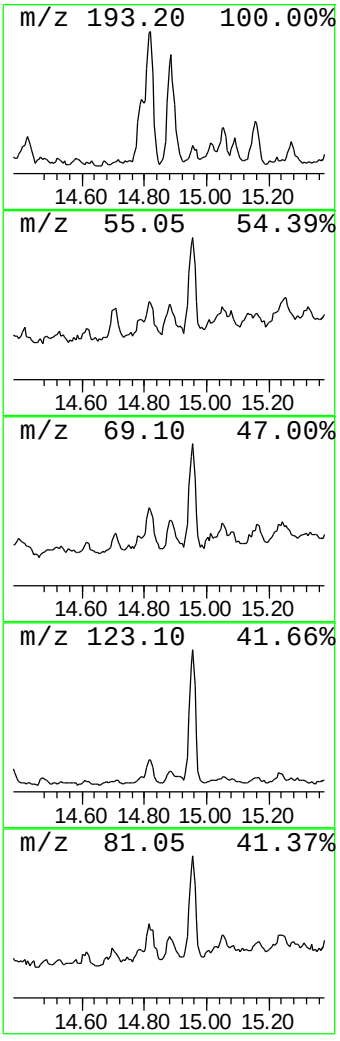
Peak Number 34 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	15.96 ng/ul	817789	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	32
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
5	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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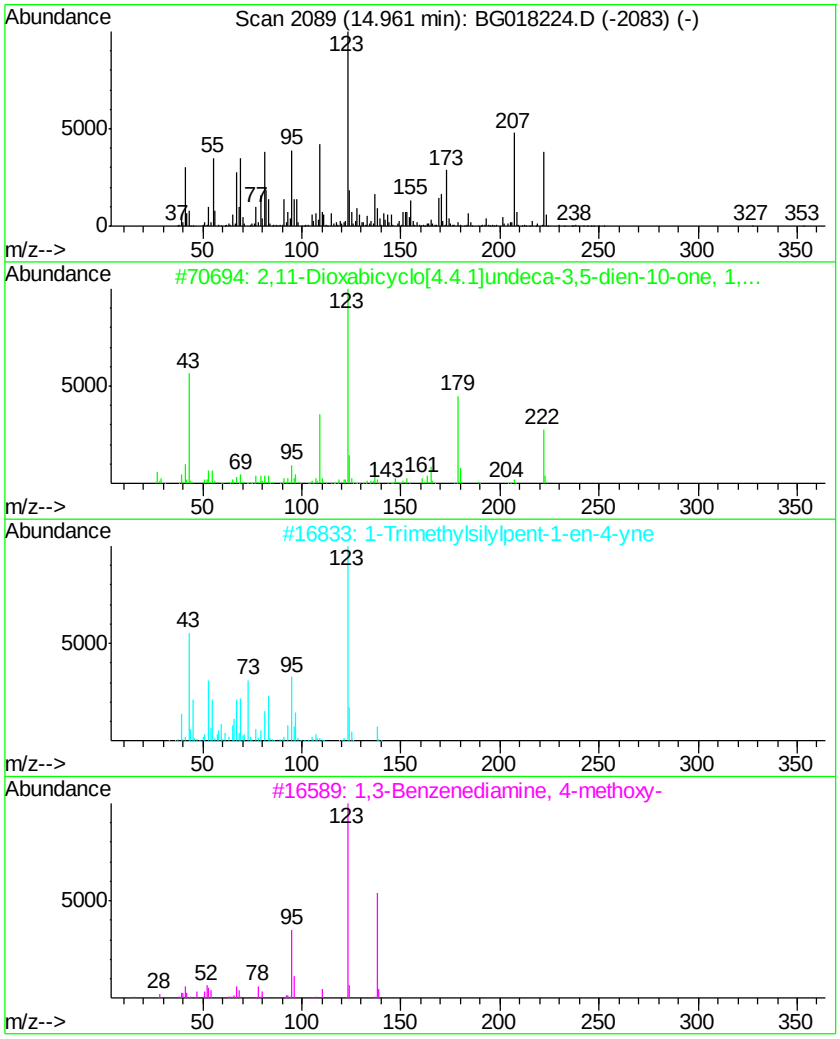
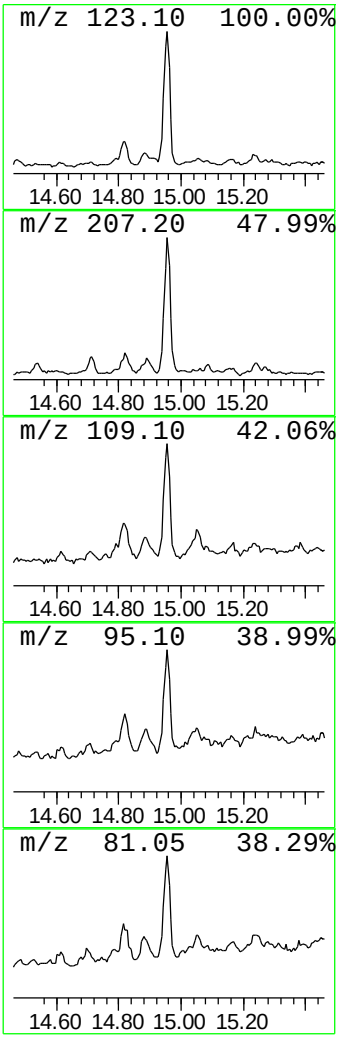
Peak Number 35 unknown-14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	53.55 ng/ul	2742840	Acenaphthene-d10	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	43
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	41
3	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	30
4	Benzoyl chloride, 2-fluoro-	158	C7H4ClFO	000393-52-2	30
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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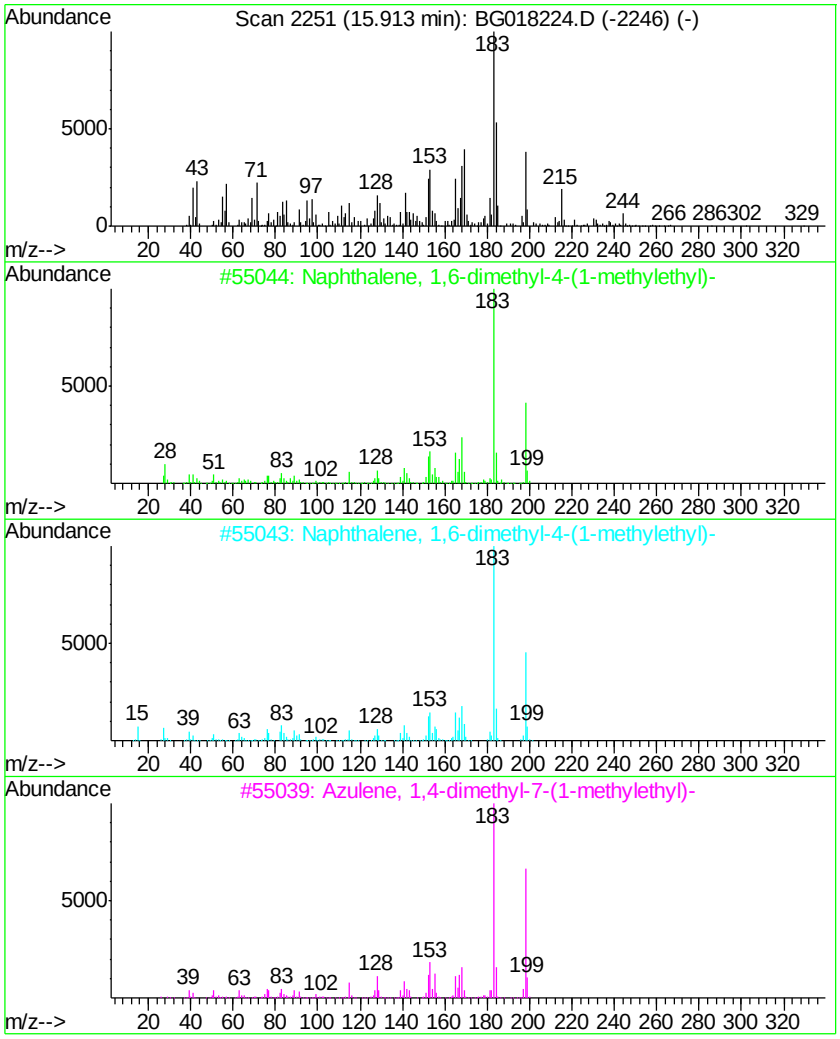
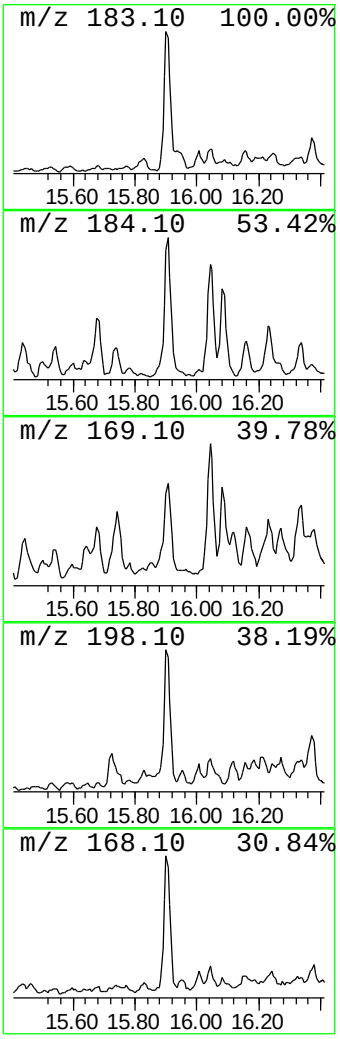
Peak Number 36 Naphthalene, 1,6-dimethyl-4... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	11.92 ng/ul	1633250	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	92
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	81
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	64
4	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	64
5	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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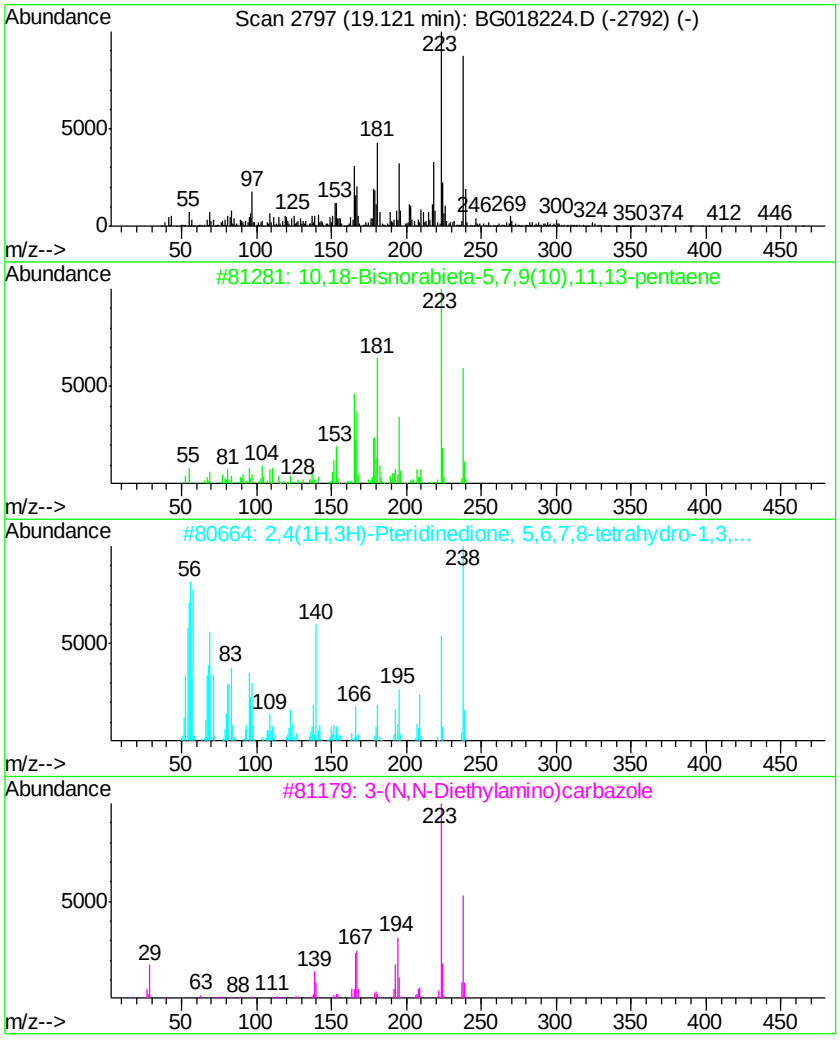
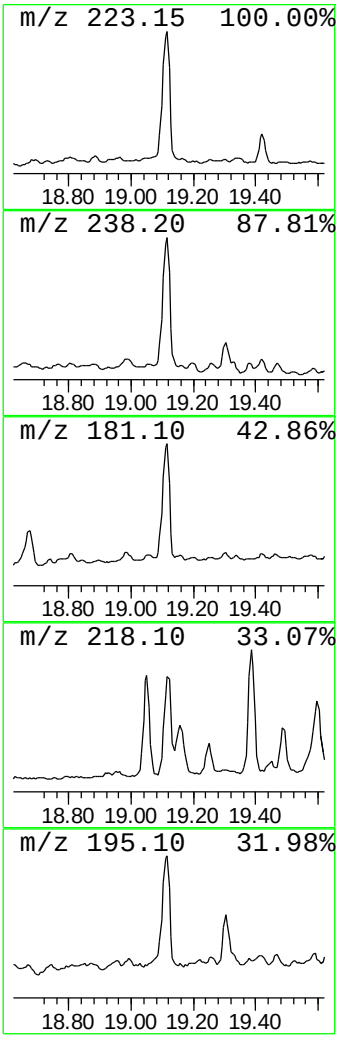
Peak Number 37 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	31.00 ng/ul	12096800	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	2,4(1H,3H)-Pteridinedione, 5,6,7...	238	C11H18N4O2	037921-31-6	56
3	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	46
4	9,10-Anthracenedione, 2-amino-	223	C14H9NO2	000117-79-3	30
5	Acetic acid, [m-(trimethylsiloxy...	238	C12H18O3Si	027798-61-4	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

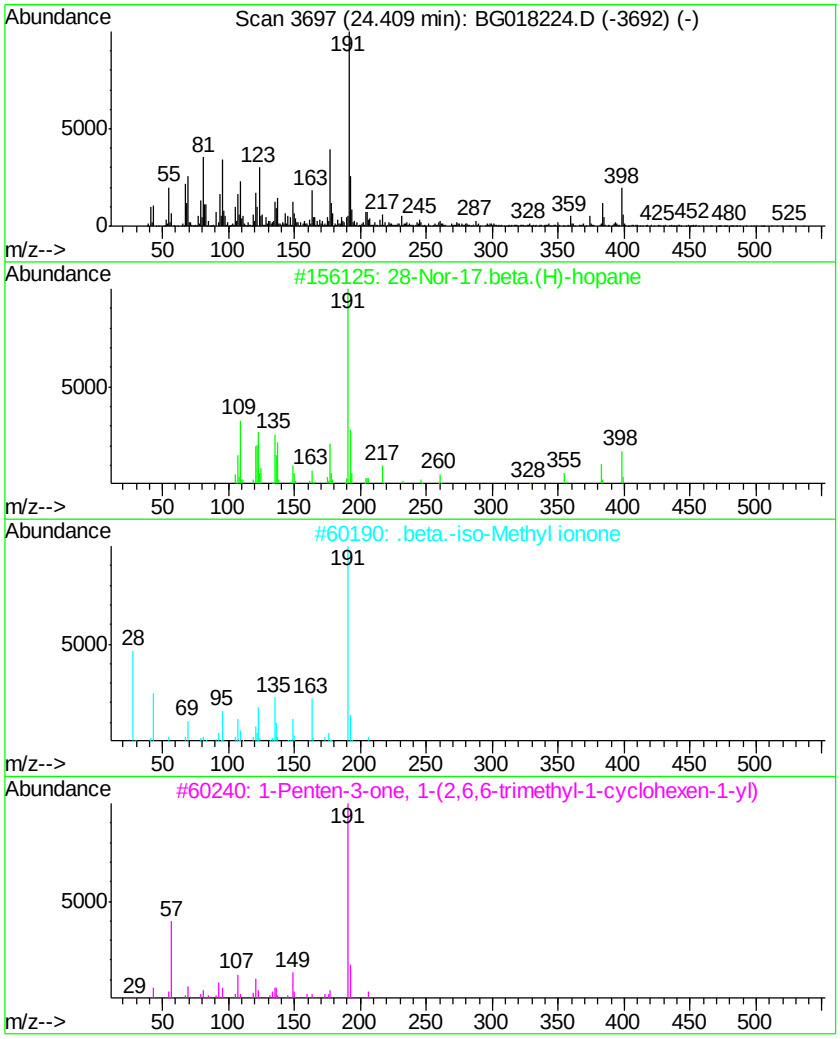
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

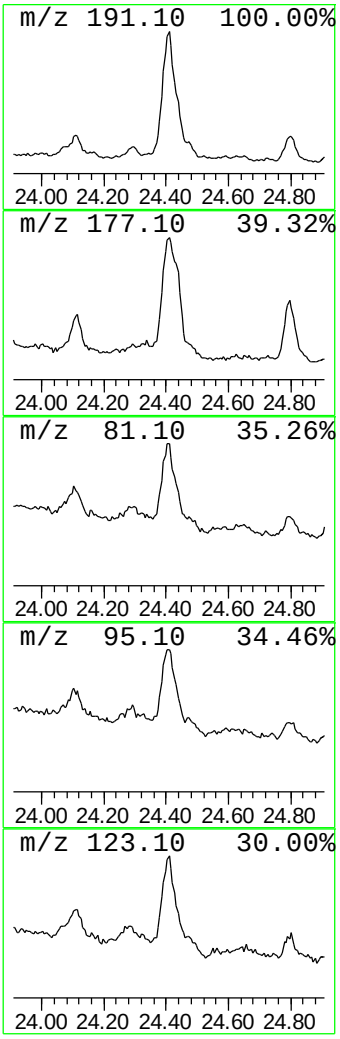
****

Peak Number 38 28-Nor-17.beta.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.41	20.00 ng/ul	6044170	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	89
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4	Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	25
5	3,4-Dimethyl-2-(3-methyl-butyryl...	248	C15H20O3	071940-29-9	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018224.D
Acq On : 2 Aug 2015 14:05
Operator : TP
Sample : G3065-12RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A6RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.47	2.5	ng/ul	67711	1	7.48	553402	20.0
(DEL) Alkane: Cyc...	6.61	2.4	ng/ul	67307	1	7.48	553402	20.0
(DEL) Alkane: Str...	6.96	4.3	ng/ul	118324	1	7.48	553402	20.0
(DEL) Alkane: Str...	7.11	4.2	ng/ul	116105	1	7.48	553402	20.0
(DEL) Alkane: Cyc...	7.75	3.0	ng/ul	84307	1	7.48	553402	20.0
unknown-01	8.02	3.4	ng/ul	94200	1	7.48	553402	20.0
Benzene, 1,4-diet...	8.12	2.8	ng/ul	76487	1	7.48	553402	20.0
3,3,5,5-Tetrameth...	8.48	4.1	ng/ul	113000	1	7.48	553402	20.0
Benzene, 1-methyl...	8.57	5.0	ng/ul	138522	1	7.48	553402	20.0
(DEL) Alkane: Str...	8.70	7.4	ng/ul	203973	1	7.48	553402	20.0
(DEL) Alkane: Cyc...	8.82	6.7	ng/ul	186026	1	7.48	553402	20.0
Naphthalene, deca...	9.17	2.7	ng/ul	118346	2	10.26	888539	20.0
Bicyclo[4.1.0]hep...	9.44	3.1	ng/ul	139833	2	10.26	888539	20.0
unknown-02	9.67	2.1	ng/ul	92777	2	10.26	888539	20.0
(DEL) Alkane: Str...	10.43	2.4	ng/ul	105654	2	10.26	888539	20.0
unknown-03	10.94	3.1	ng/ul	136938	2	10.26	888539	20.0
unknown-04	11.29	4.3	ng/ul	190199	2	10.26	888539	20.0
unknown-05	11.34	3.8	ng/ul	170756	2	10.26	888539	20.0
(DEL) Alkane: Str...	11.71	2.7	ng/ul	119726	2	10.26	888539	20.0
unknown-06	12.01	3.2	ng/ul	141228	2	10.26	888539	20.0
unknown-07	12.49	4.2	ng/ul	215497	3	14.16	1024480	20.0
cis,trans-2,9-Dim...	12.56	6.1	ng/ul	312873	3	14.16	1024480	20.0
unknown-08	12.63	2.8	ng/ul	144052	3	14.16	1024480	20.0
unknown-09	12.73	6.0	ng/ul	305948	3	14.16	1024480	20.0
unknown-10	13.47	6.9	ng/ul	353521	3	14.16	1024480	20.0
unknown-11	13.94	5.3	ng/ul	273751	3	14.16	1024480	20.0
2-Pentanone, 4-cy...	13.99	36.9	ng/ul	1890390	3	14.16	1024480	20.0
unknown-12	14.06	6.3	ng/ul	320491	3	14.16	1024480	20.0
3-Buten-2-one, 1-...	14.46	3.6	ng/ul	183985	3	14.16	1024480	20.0
Naphthalene, 1,2,...	14.49	10.9	ng/ul	559834	3	14.16	1024480	20.0
unknown-13	14.70	14.1	ng/ul	721213	3	14.16	1024480	20.0
Naphthalene, 1,4,...	14.79	12.0	ng/ul	613221	3	14.16	1024480	20.0
Decahydro-4,4,8,9...	14.88	16.0	ng/ul	817789	3	14.16	1024480	20.0
unknown-14	14.96	53.5	ng/ul	2742840	3	14.16	1024480	20.0
Naphthalene, 1,6-...	15.91	11.9	ng/ul	1633250	4	16.93	2741400	20.0
10,18-Bisnorabiet...	19.12	31.0	ng/ul	12096800	5	21.19	7805150	20.0
28-Nor-17.beta.(H...	24.41	20.0	ng/ul	6044170	6	23.39	6044170	20.0