LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.167	314	320	326	rBV3	66958	107546	2.34%	0.296%
2	5.637	392	400	408	rBV	498308	812288	17.67%	2.235%
3	6.131	479	484	496	rVB	68785	111777	2.43%	0.308%
4	7.218	662	669	677	rBV	334217	599053	13.03%	1.648%
5	7.593	725	733	747	rBV	932763	1642790	35.73%	4.520%
6	7.705	747	752	758	rVB	33837	54986	1.20%	0.151%
7	8.058	800	812	817	rBV2	198708	352132	7.66%	0.969%
8	8.110	817	821	827	rVV	113903	183807	4.00%	0.506%
9	8.169	827	831	838	rVB2	29979	48963	1.06%	0.135%
10	8.298	847	853	859	rBV3	37803	77824	1.69%	0.214%
11	8.381	859	867	873	rVV	820904	1435741	31.23%	3.951%
12	8.434	873	876	882	rVB	61360	91921	2.00%	0.253%
13	9.050	969	981	990	rBV2	219959	592688	12.89%	1.631%
14	9.162	995	1000	1003	rVV4	37121	72449	1.58%	0.199%
15	9.221	1003	1010	1022	rVB	722885	1351351	29.39%	3.718%
16	9.697	1083	1091	1098	rBV3	120407	311982	6.79%	0.858%
17	10.255	1180	1186	1193	rBV3	110004	197209	4.29%	0.543%
18	10.331	1193	1199	1203	rBV4	46252	78936	1.72%	0.217%
19	10.636	1244	1251	1262	rBV	377798	717942	15.62%	1.976%
20	10.777	1268	1275	1281	rBV	161014	287495	6.25%	0.791%
21	10.860	1281	1289	1294	rVV	264432	522069	11.36%	1.437%
22	10.913	1294	1298	1302	rVV5	95795	169770	3.69%	0.467%
23	10.965	1302	1307	1321	rVB3	114970	237073	5.16%	0.652%
24	11.136	1331	1336	1344	rBV4	44855	97857	2.13%	0.269%
25	11.224	1344	1351	1356	rVV2	50600	129885	2.83%	0.357%
26	11.283	1358	1361	1374	rVV10	43846	123868	2.69%	0.341%
27	11.394	1374	1380	1383	rVV3	30055	52404	1.14%	0.144%
28	11.447	1383	1389	1397	rVV4	62745	169601	3.69%	0.467%
29	11.518	1398	1401	1408	rVB2	38472	65020	1.41%	0.179%
30	11.653	1417	1424	1430	rBV	323170	572037	12.44%	1.574%
31	11.776	1440	1445	1449	rVB4	29844	52719	1.15%	0.145%
32	11.964	1471	1477	1484	rBV3	69925	120546	2.62%	0.332%
33	12.187	1504	1515	1517	rBV5	53802	119434	2.60%	0.329%
34	12.217	1517	1520	1532	rVB6	56085	183912	4.00%	0.506%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.399	1547	1551	1559	rVB2	54392	95822	2.08%	0.264%
36	12.722	1599	1606	1612	rBV3	97261	204415	4.45%	0.562%
37	12.810	1617	1621	1630	rVB3	24740	54964	1.20%	0.151%
38	13.039	1653	1660	1665	rVV8	40232	89392	1.94%	0.246%
39	13.127	1668	1675	1681	rVB	134818	215562	4.69%	0.593%
40	13.303	1696	1705	1715	rVB	1973892	3155396	68.63%	8.682%
41	13.568	1744	1750	1756	rBV	627536	1030892	22.42%	2.837%
42	13.732	1774	1778	1784	rVB6	29535	52082	1.13%	0.143%
43	13.850	1792	1798	1804	rVB4	45297	81218	1.77%	0.223%
44	13.997	1817	1823	1828	rBV2	94415	174939	3.81%	0.481%
45	14.049	1828	1832	1840	rVV6	47769	105075	2.29%	0.289%
46	14.120	1840	1844	1851	rVV	134010	223297	4.86%	0.614%
47	14.202	1852	1858	1860	rVV2	71478	150235	3.27%	0.413%
48	14.226	1860	1862	1866	rVV2	87598	145929	3.17%	0.402%
49	14.267	1866	1869	1874	rVV	70915	103158	2.24%	0.284%
50	14.320	1874	1878	1884	rVB7	29654	47950	1.04%	0.132%
51	14.396	1887	1891	1900	rVV2	46929	86817	1.89%	0.239%
52	14.484	1903	1906	1915	rVB2	25891	50166	1.09%	0.138%
53	14.672	1928	1938	1946	rBV3	487816	922543	20.07%	2.538%
54	14.737	1946	1949	1957	rVV5	74182	151242	3.29%	0.416%
55	14.895	1972	1976	1982	rVB6	32089	66928	1.46%	0.184%
56	14.978	1983	1990	1998	rVB6	41958	97708	2.13%	0.269%
57	15.072	1998	2006	2014	rVB6	63026	147196	3.20%	0.405%
58	15.148	2014	2019	2027	rBV3	84860	222096	4.83%	0.611%
59	15.289	2038	2043	2049	rBV3	121228	199382	4.34%	0.549%
60	15.412	2058	2064	2067	rBV	108254	168919	3.67%	0.465%
61	15.489	2072	2077	2085	rVB2	160812	290903	6.33%	0.800%
62	15.630	2096	2101	2107	rVB6	35272	68092	1.48%	0.187%
63	15.712	2110	2115	2121	rBV3	62429	124154	2.70%	0.342%
64	15.847	2130	2138	2148	rBV2	214281	408176	8.88%	1.123%
65	16.017	2162	2167	2181	rVB	310054	467116	10.16%	1.285%
66	16.164	2182	2192	2201	rBV	1738064	2648498	57.61%	7.288%
67	16.270	2206	2210	2213	rVV4	33804	52375	1.14%	0.144%
68	16.323	2215	2219	2226	rVV3	147542	286694	6.24%	0.789%
69	16.382	2226	2229	2239	rVB4	90675	202215	4.40%	0.556%
70	16.517	2245	2252	2268	rVB4	322435	865659	18.83%	2.382%
71	16.716	2281	2286	2291	rBV7	42642	77051	1.68%	0.212%

LSC Area Percent Report

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Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.775	2291	2296	2308	rVV4	121137	259124	5.64%	0.713%
73	17.292	2382	2384	2394	rVB9	34199	77784	1.69%	0.214%
74	17.421	2400	2406	2411	rBV	572760	883308	19.21%	2.431%
75	17.721	2453	2457	2461	rVB3	52303	79423	1.73%	0.219%
76	18.050	2508	2513	2522	rVB8	37050	73480	1.60%	0.202%
77	18.302	2551	2556	2562	rBV3	157136	276011	6.00%	0.759%
78	18.414	2572	2575	2583	rVB6	49066	106529	2.32%	0.293%
79	18.584	2598	2604	2610	rBV	720533	1042513	22.68%	2.869%
80	19.242	2712	2716	2723	rVB3	127431	209845	4.56%	0.577%
81	19.571	2767	2772	2778	rBV6	74168	142077	3.09%	0.391%
82	20.024	2843	2849	2858	rBV	3378601	4597607	100.00%	12.651%
83	20.400	2908	2913	2919	rVB	447827	600562	13.06%	1.653%
84	20.793	2976	2980	2985	rBV	229541	274267	5.97%	0.755%
85	21.328	3067	3071	3075	rBV6	28420	46890	1.02%	0.129%
86	21.439	3087	3090	3100	rVB10	29350	67826	1.48%	0.187%
87	21.686	3126	3132	3142	rVB	641363	1061764	23.09%	2.922%
88	23.360	3411	3417	3423	rVB	86526	161508	3.51%	0.444%
89	24.905	3670	3680	3693	rVB2	366770	1052294	22.89%	2.896%
90	26.039	3868	3873	3883	rVB2	17216	50109	1.09%	0.138%

Sum of corrected areas: 36342252

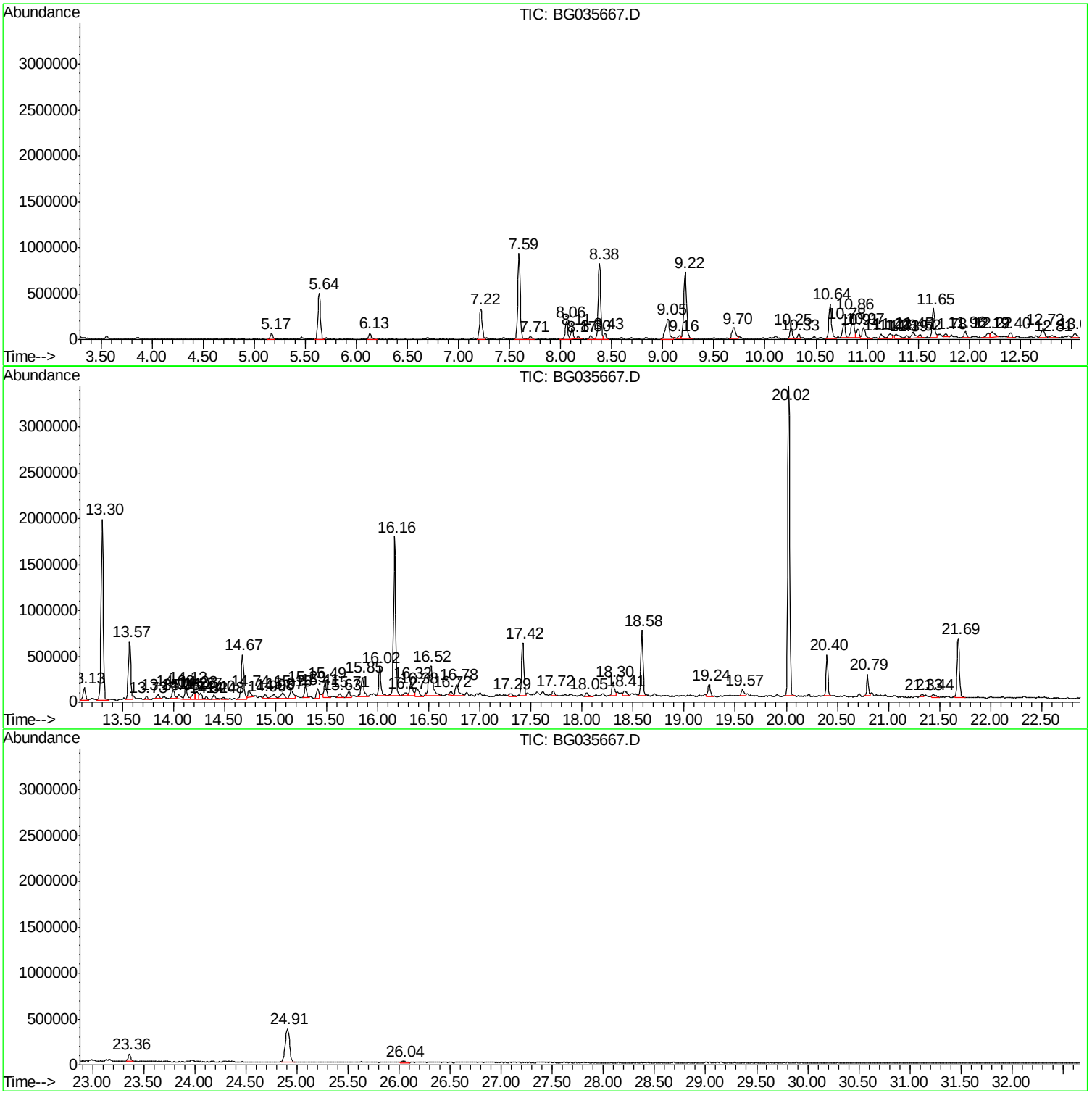
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

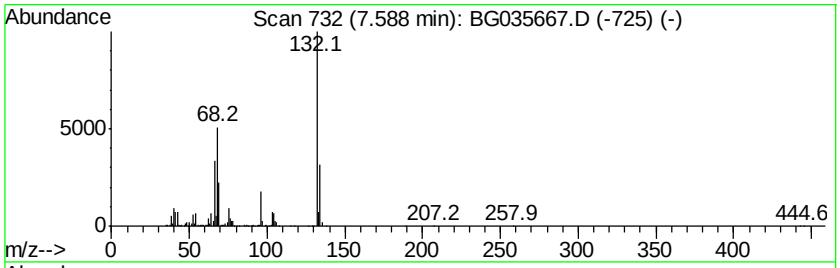
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

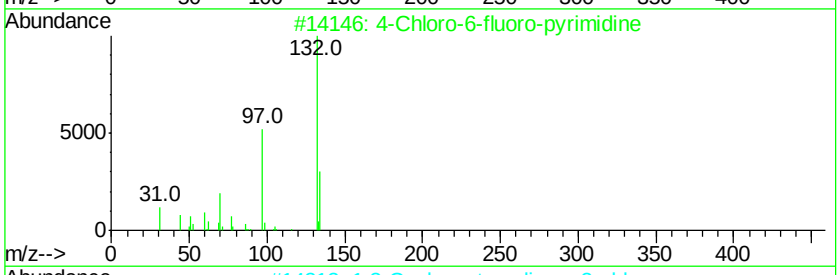
****

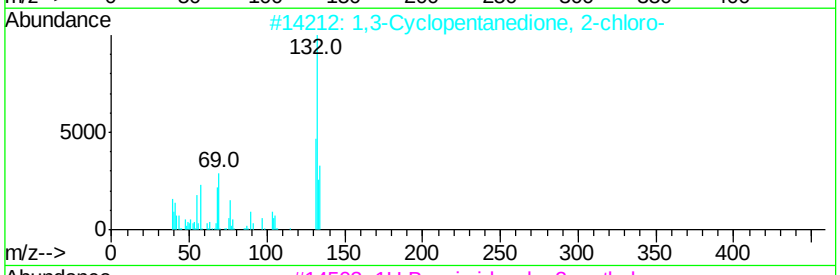
Peak Number 1 unknown7.59 Concentration Rank 1

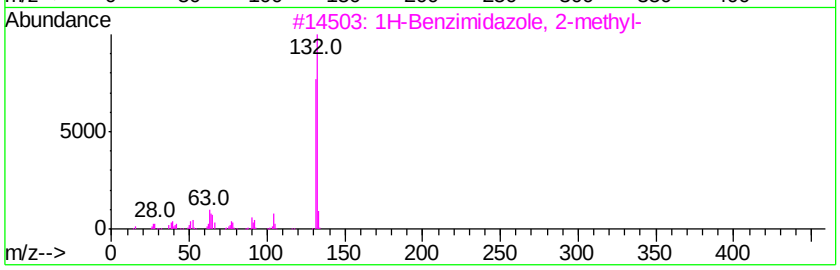
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	93.31 ng	1642790	1,4-Dichlorobenzene-d4	8.06

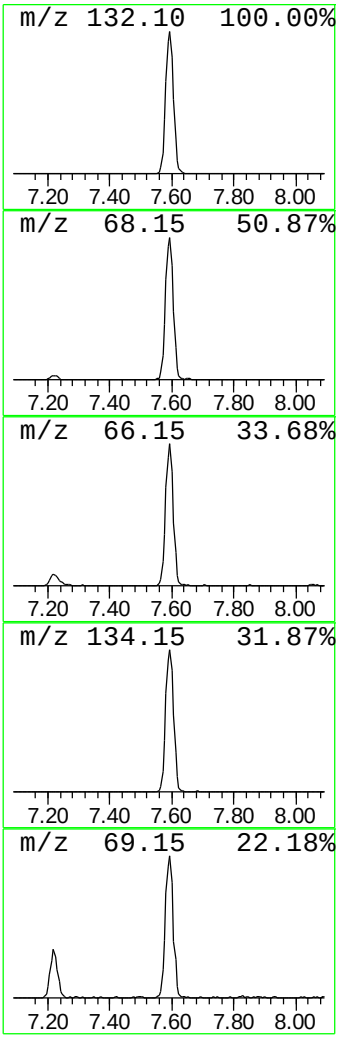
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

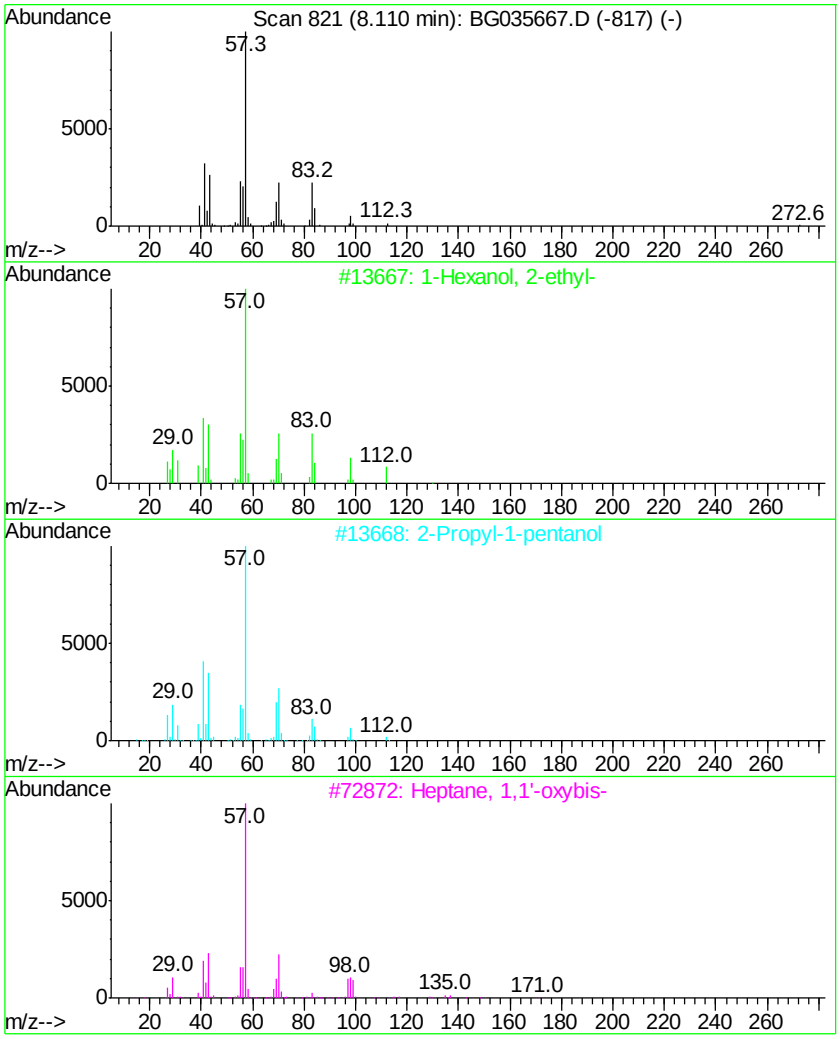
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

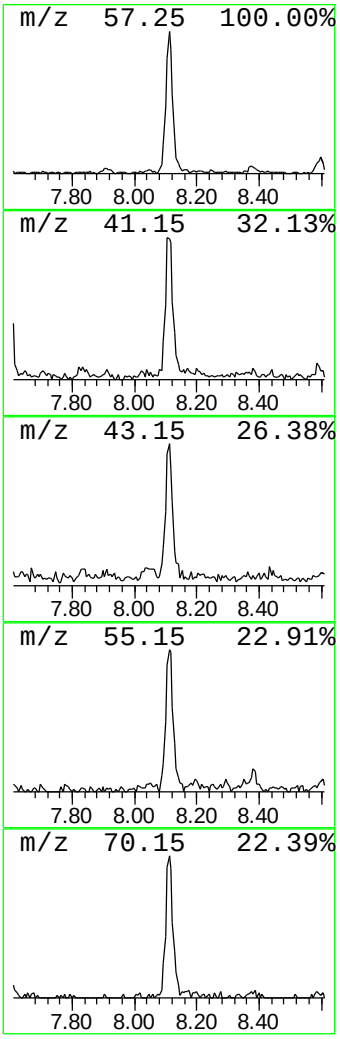
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	10.44 ng	183807	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	45
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

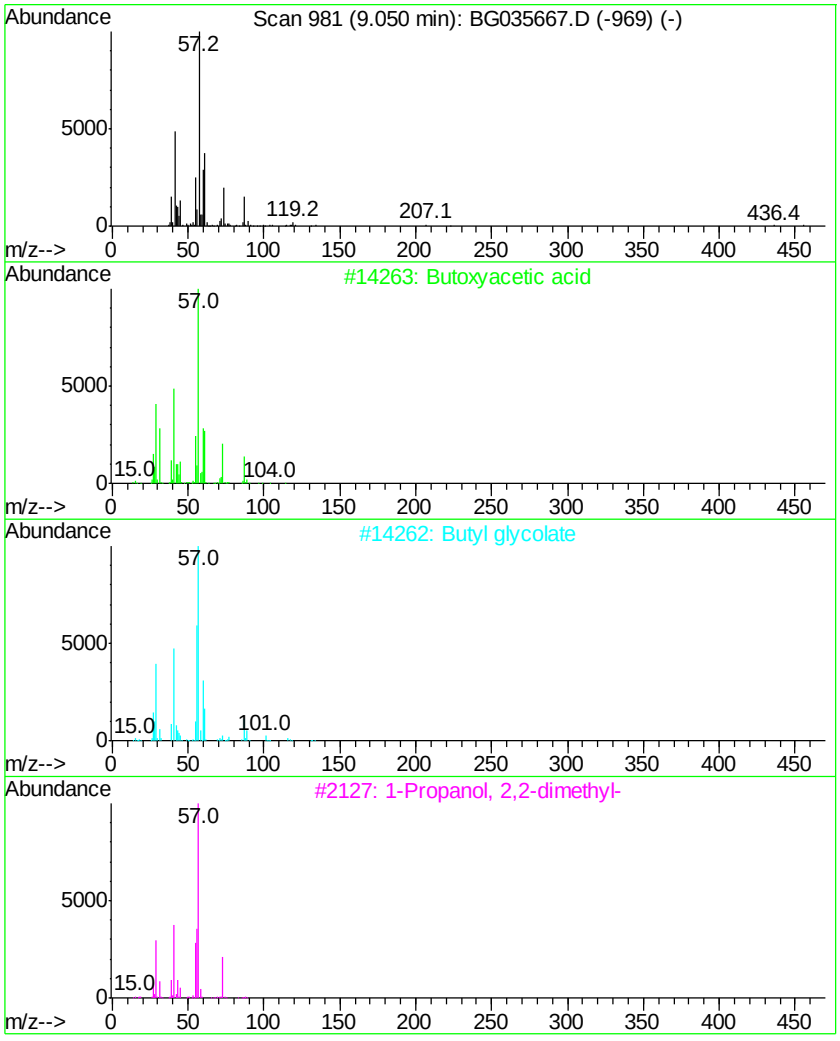
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

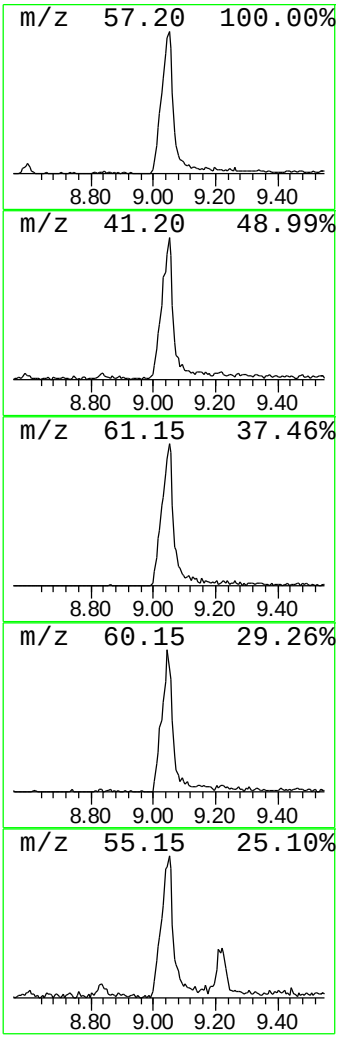
****

Peak Number 4 Butoxyacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	33.66 ng	592688	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butoxyacetic acid	132	C6H12O3	002516-93-0	86
2	Butyl glycolate	132	C6H12O3	007397-62-8	25
3	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	22
4	Acetamide, N-(.beta.-mercaptoeth...	119	C4H9NOS	001190-73-4	14
5	Isobutylamine	73	C4H11N	000078-81-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

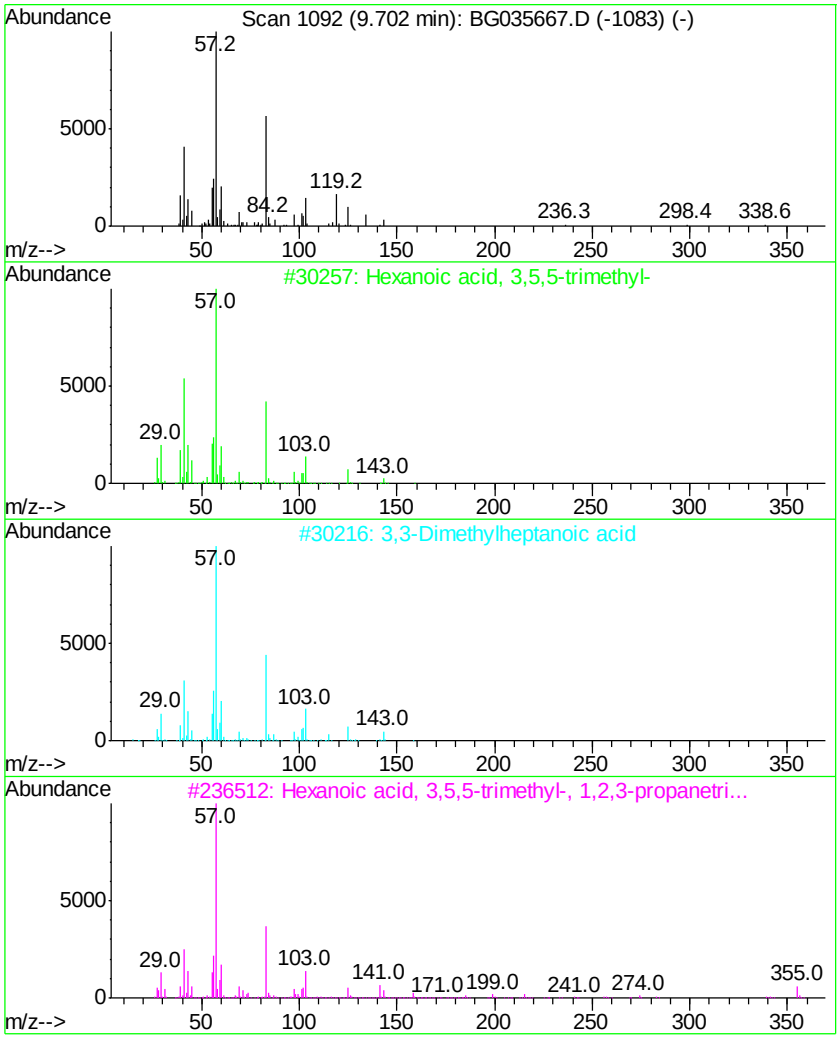
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

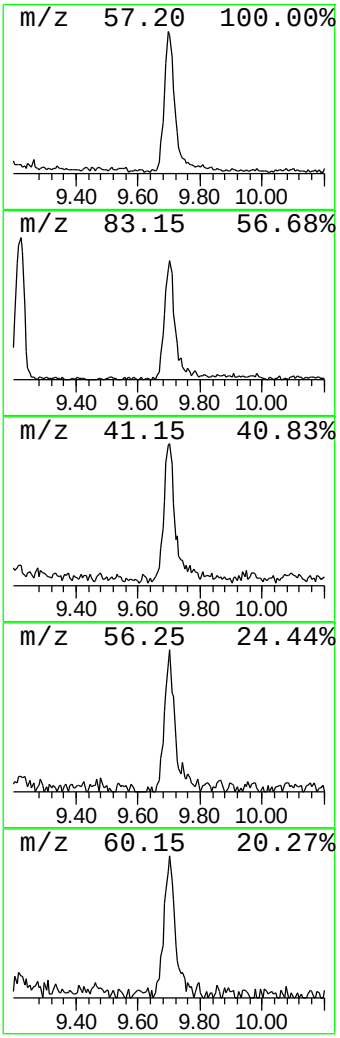
****

Peak Number 5 Hexanoic acid, 3,5,5-trimet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	11.95 ng	311982	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	64
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	59
3	Hexanoic acid, 3,5,5-trimethyl-,...	512	C30H56O6	056554-53-1	47
4	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	27
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

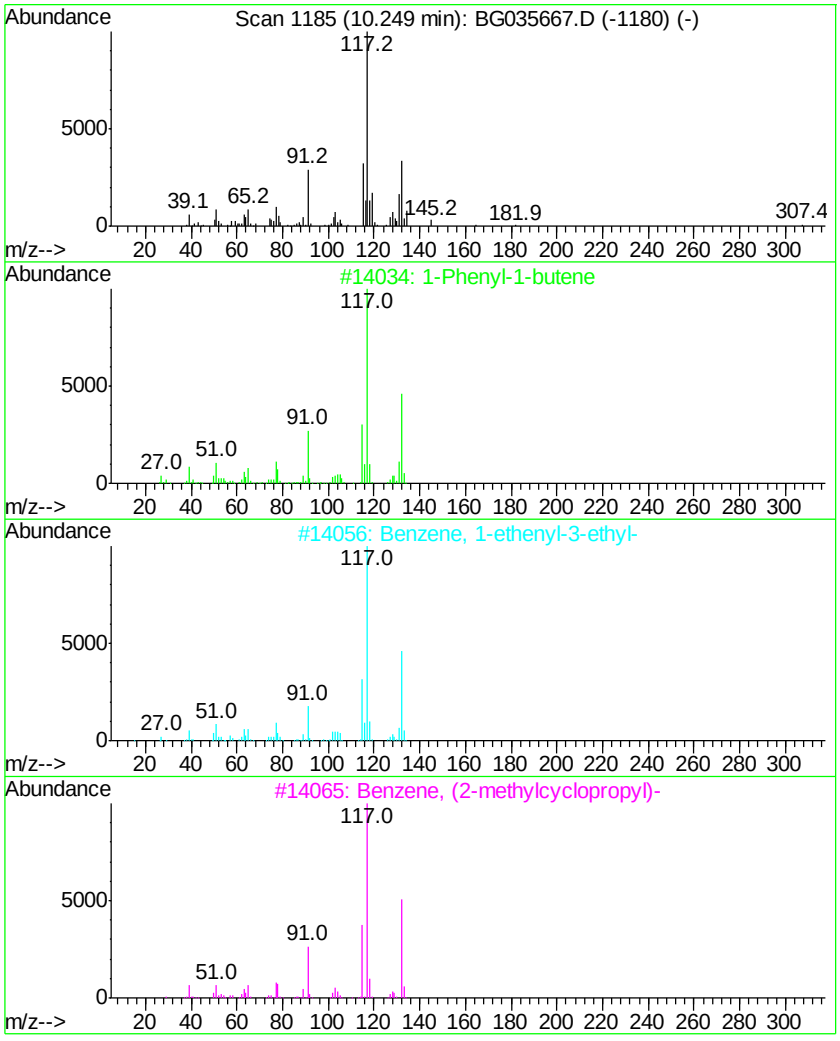
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

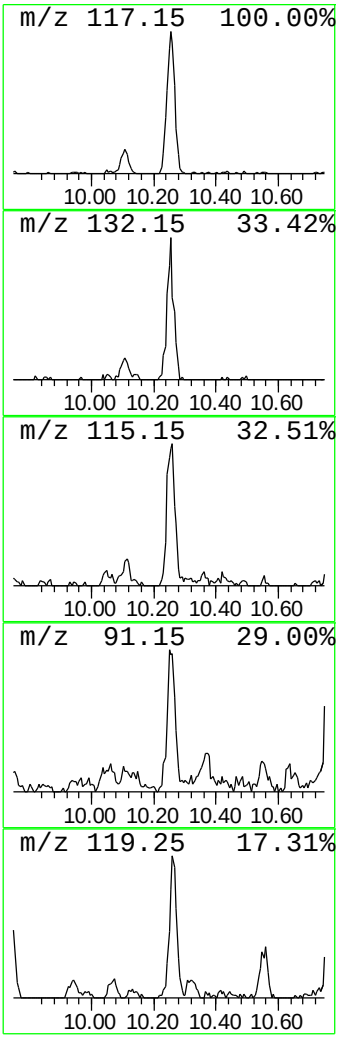
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	7.55 ng	197209	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	92
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	92
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





Library Search Compound Report

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Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

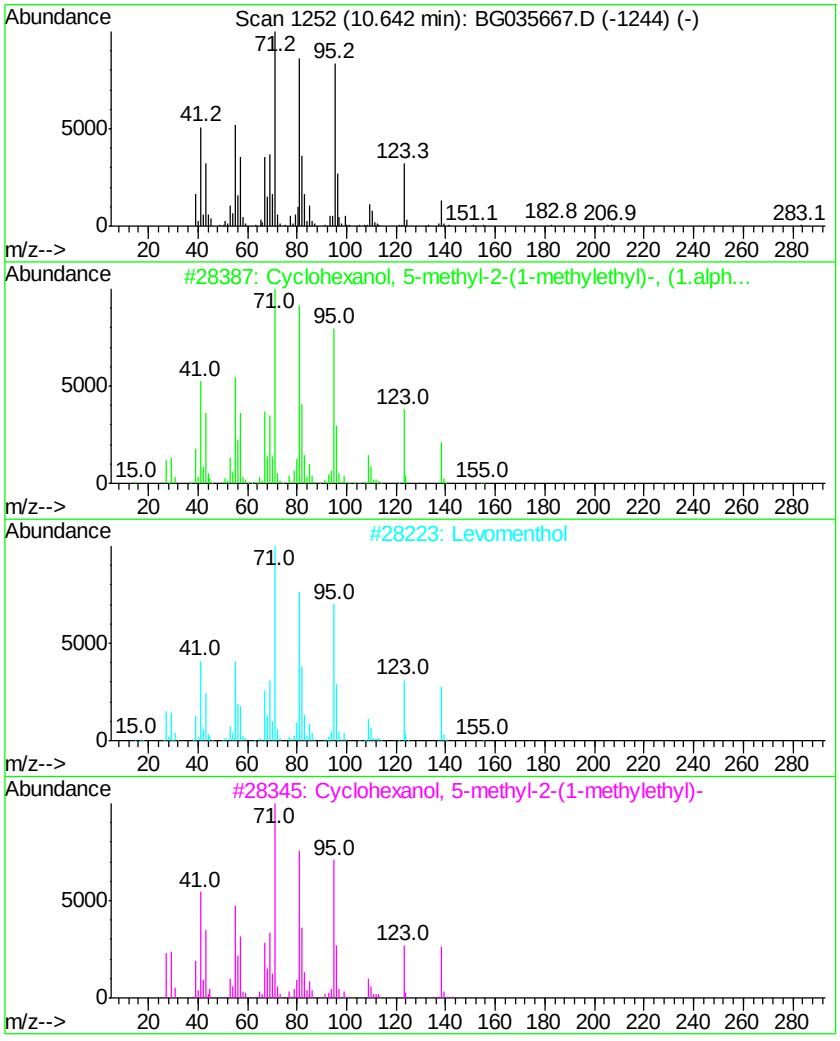
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

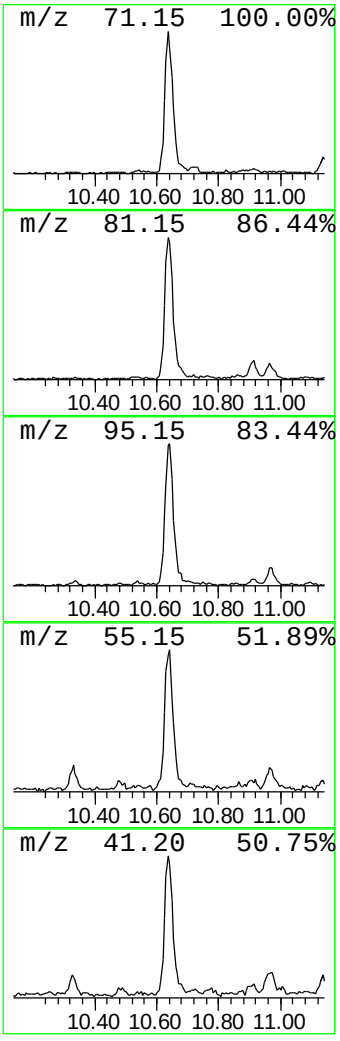
****

Peak Number 7 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	27.50 ng	717942	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
2	Levomenthol	156	C10H20O	002216-51-5	91
3	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
4	dl-Menthol	156	C10H20O	000089-78-1	90
5	d-Menthol	156	C10H20O	015356-60-2	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

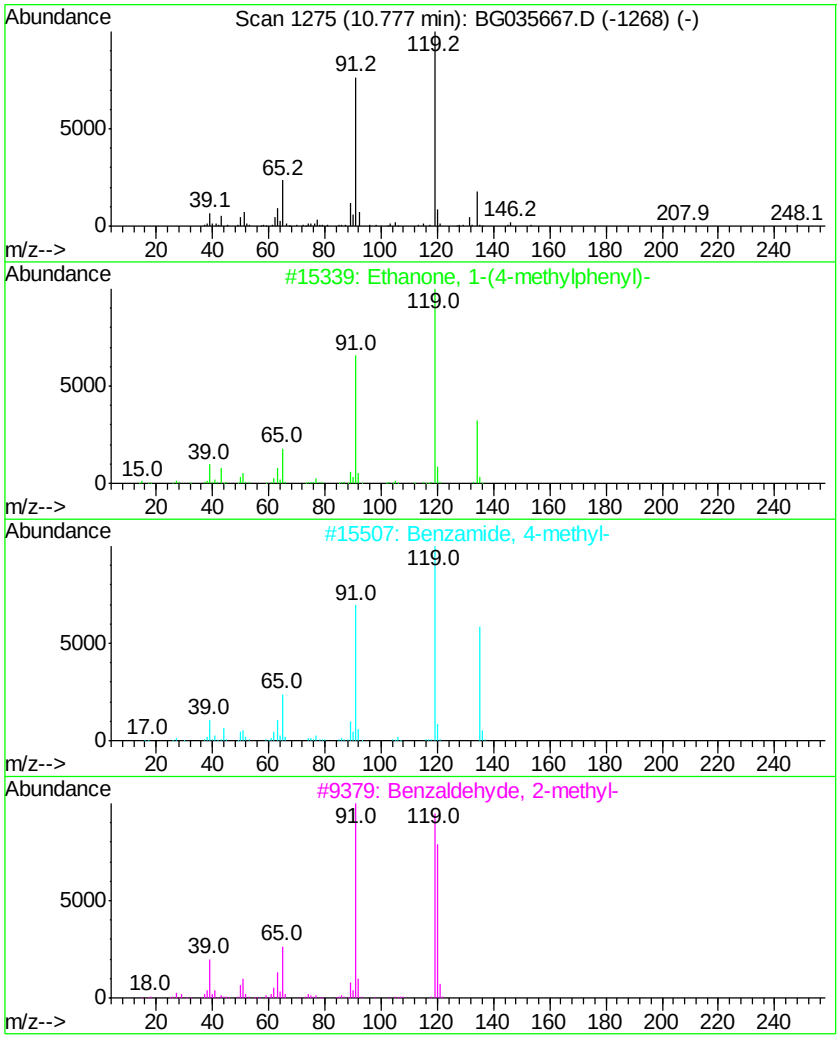
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

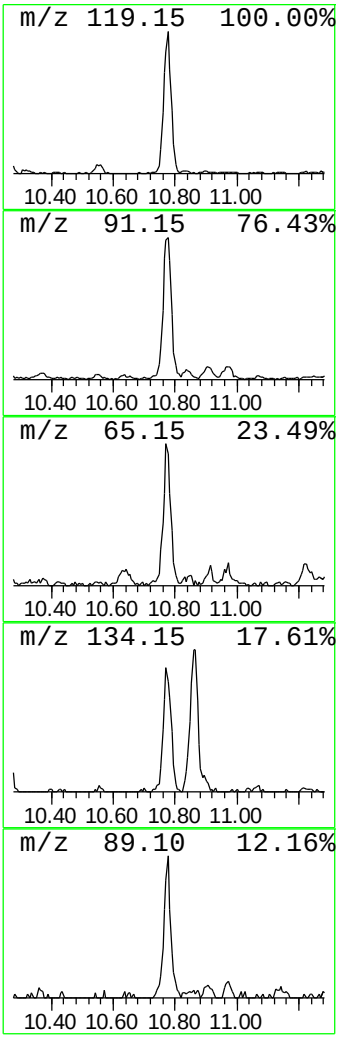
****

Peak Number 8 Ethanone, 1-(4-methylphenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	11.01 ng	287495	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91
2	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	86
3	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	80
4	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	78
5	o-Toluic acid, 3,4-dichloropheny...	280	C14H10Cl2O2	1000307-45-9	72





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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

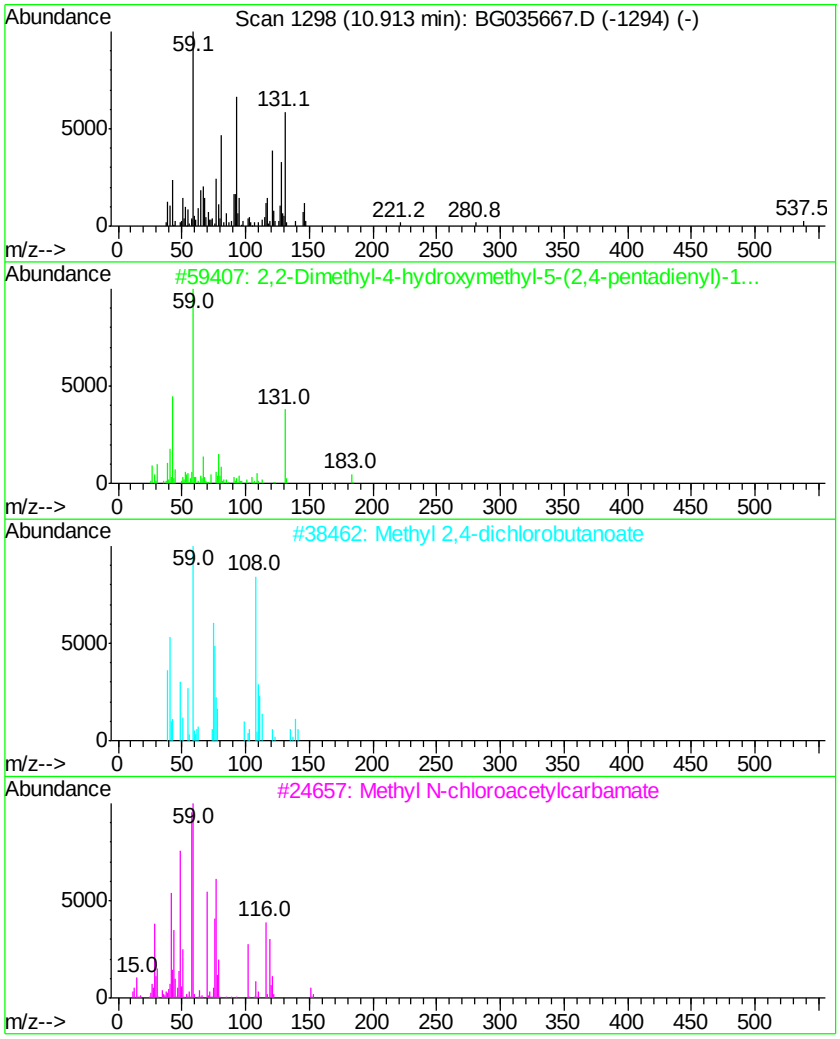
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

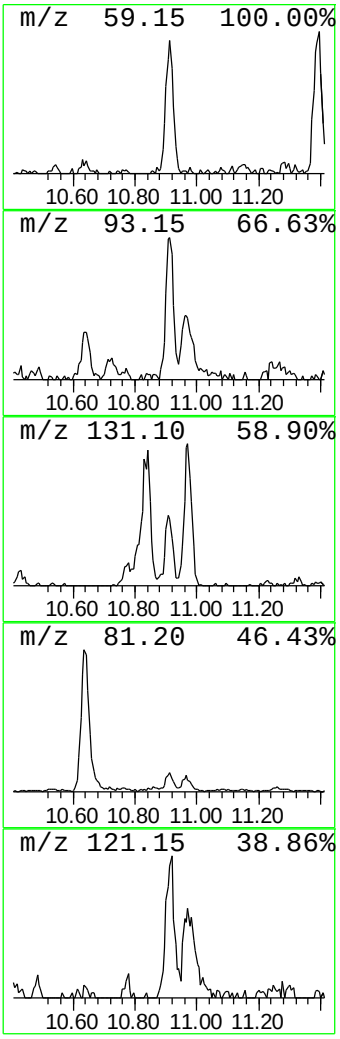
****

Peak Number 9 unknown10.91 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	6.50 ng	169770	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-4-hydroxymethyl-5-(...	198	C11H18O3	1000284-41-5	38
2	Methyl 2,4-dichlorobutanoate	170	C5H8Cl2O2	062093-65-6	22
3	Methyl N-chloroacetylcarbamate	151	C4H6ClNO3	013558-70-8	22
4	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	362	C19H42O4Si	1000367-06-8	16
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	14





Library Search Compound Report

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Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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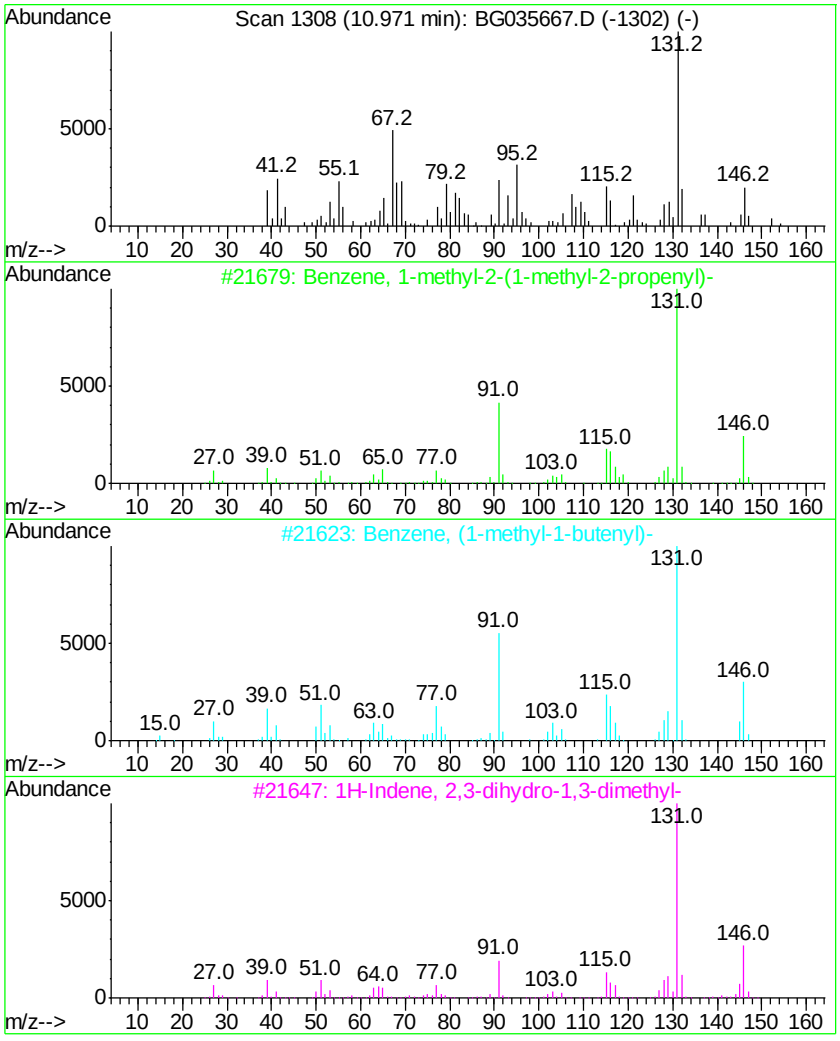
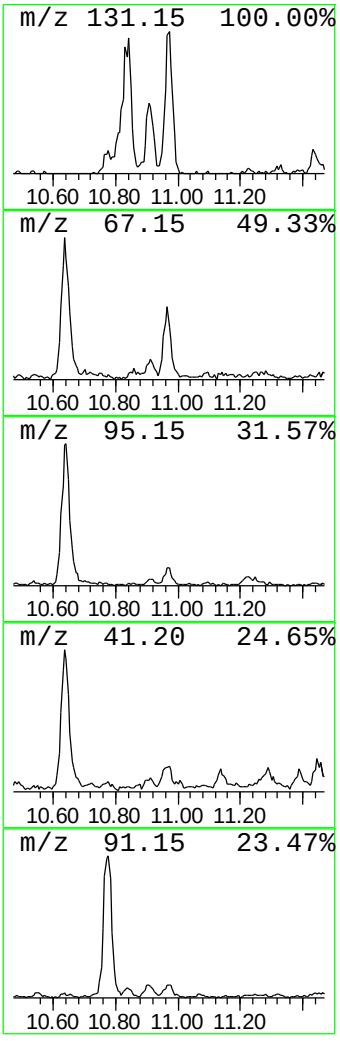
Peak Number 10 Benzene, 1-methyl-2-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	9.08 ng	237073	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53





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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

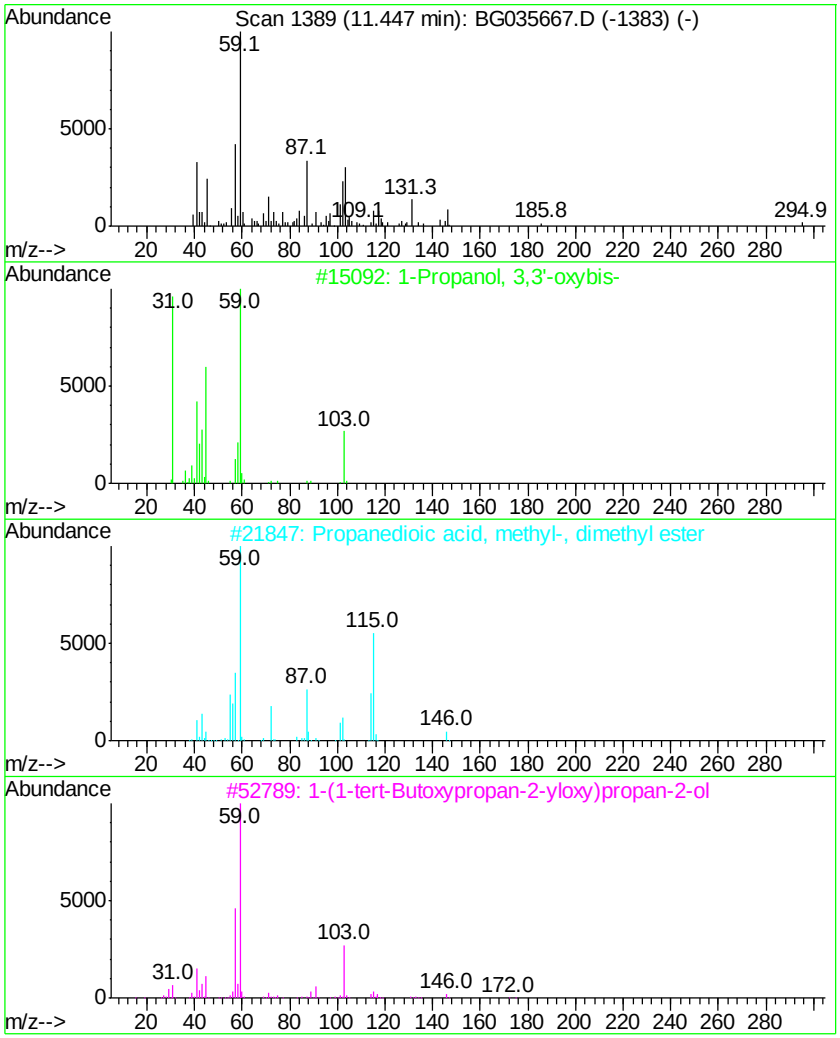
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

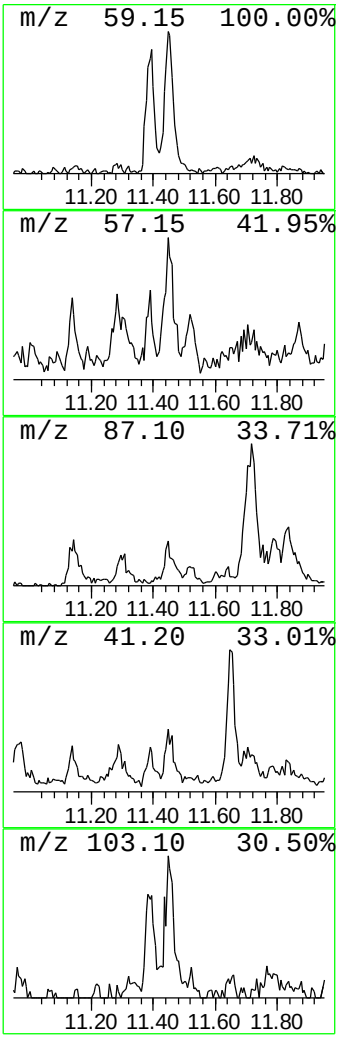
****

Peak Number 11 1-Propanol, 3,3'-oxybis- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	6.50 ng	169601	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	50
2	Propanedioic acid, methyl-, dime...	146	C6H10O4	000609-02-9	50
3	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	47
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	47
5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	47





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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

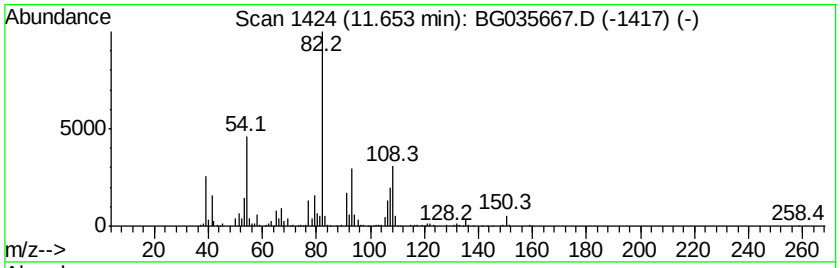
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

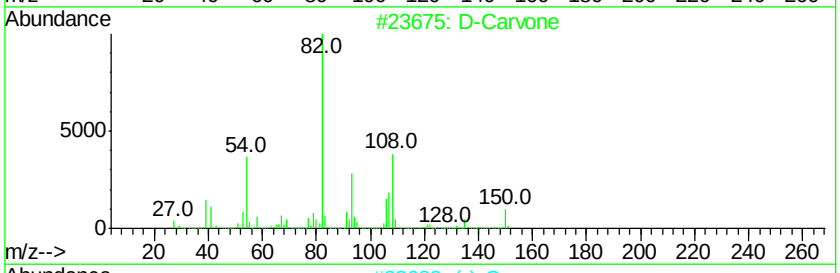
****

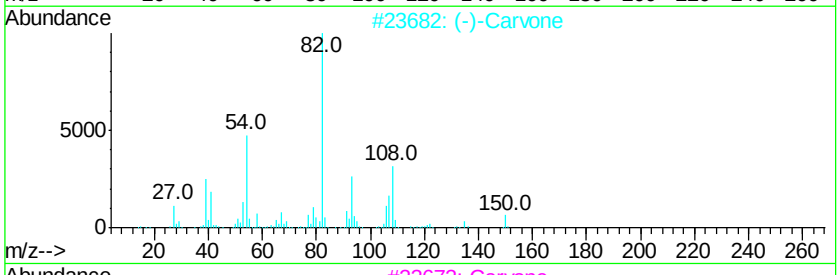
Peak Number 12 D-Carvone Concentration Rank 7

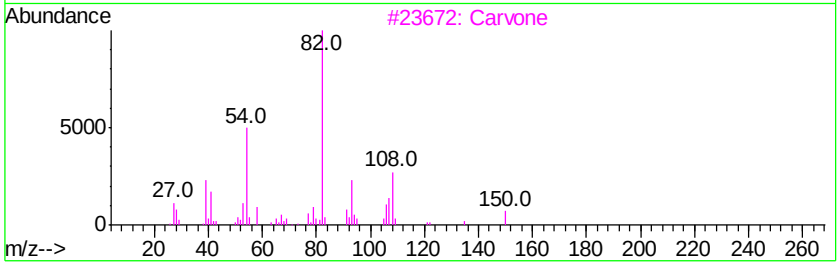
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	21.91 ng	572037	Naphthalene-d8	10.86

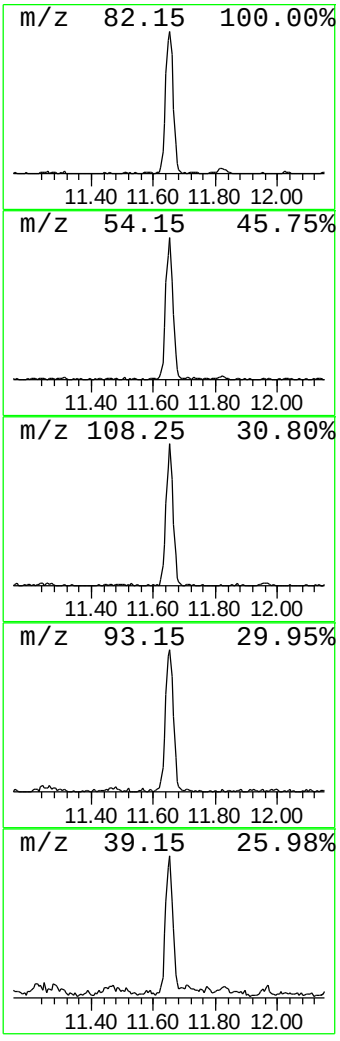
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Carvone	150	C10H14O	002244-16-8	96
2	(-)-Carvone	150	C10H14O	006485-40-1	96
3	Carvone	150	C10H14O	000099-49-0	90
4	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	43
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	37











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Acq On : 16 Jul 2018 13:22
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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

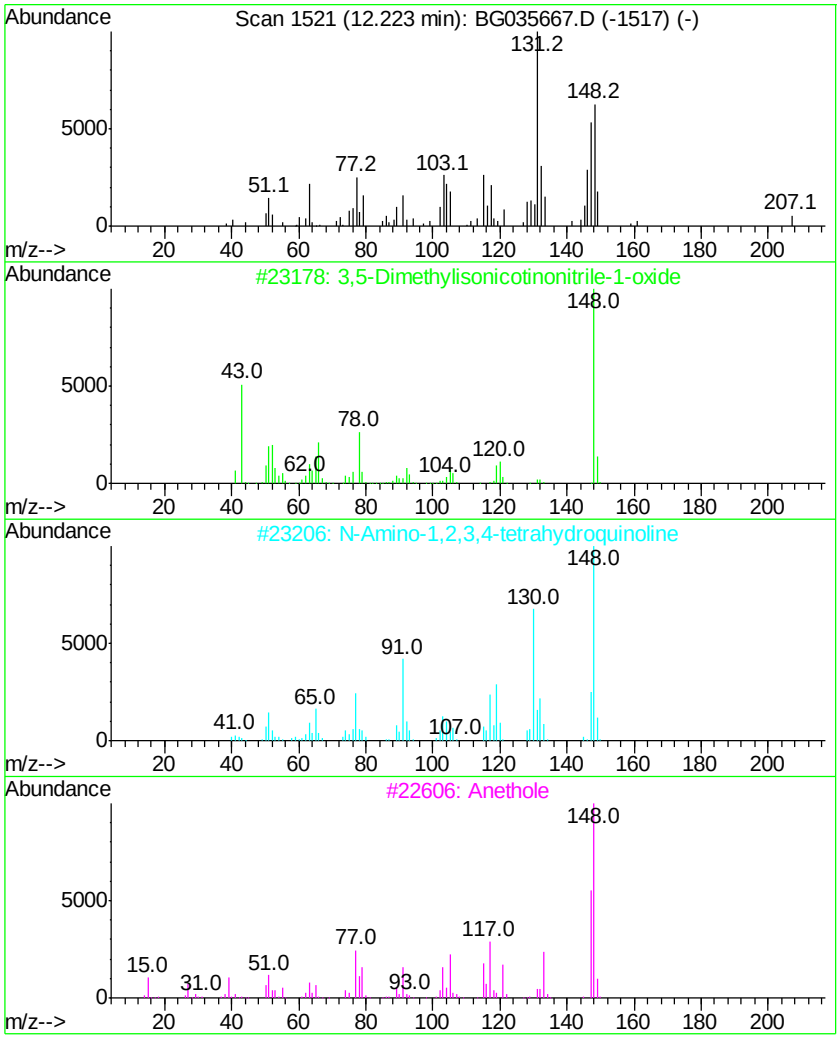
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

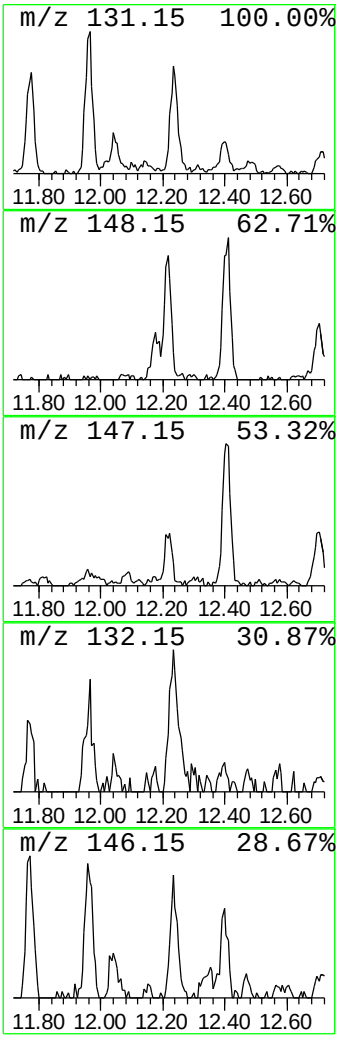
****

Peak Number 13 unknown12.22 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.05 ng	183912	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylisonicotinonitrile-1...	148	C8H8N2O	1000227-37-1	35
2	N-Amino-1,2,3,4-tetrahydroquinoline	148	C9H12N2	1000305-92-6	30
3	Anethole	148	C10H12O	000104-46-1	27
4	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	25
5	2-Benzoxazolamine, N-methyl-	148	C8H8N2O	019776-98-8	22





Library Search Compound Report

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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

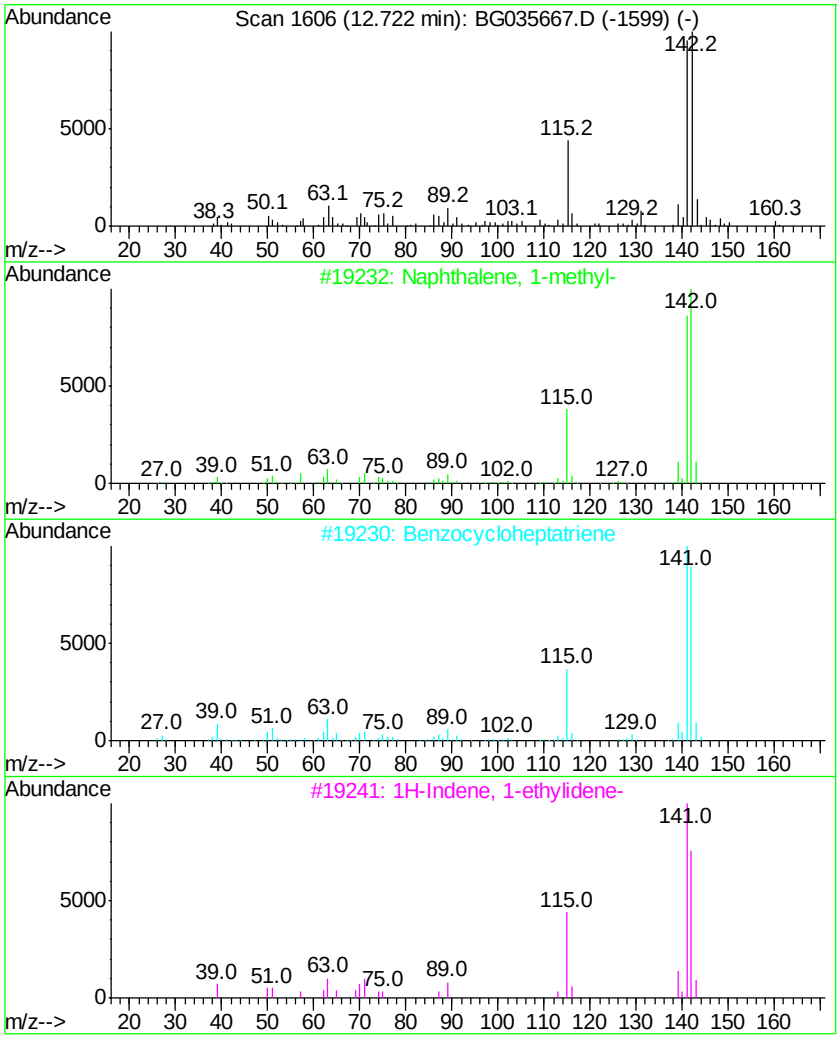
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

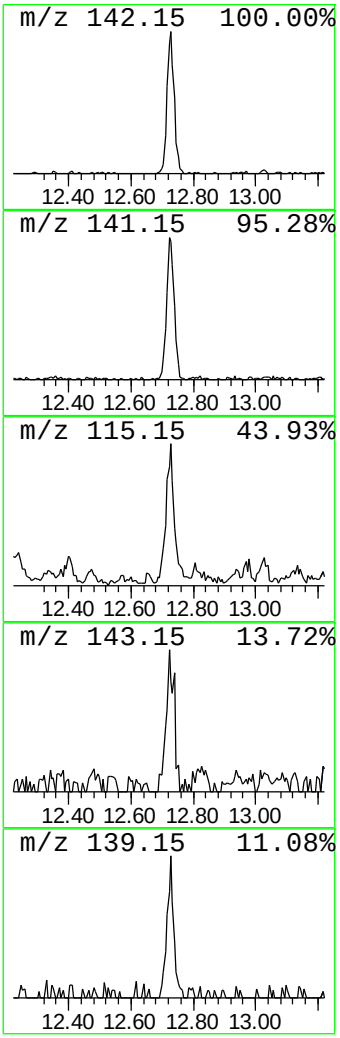
****

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	7.83 ng	204415	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Benzocycloheptatriene	142	C11H10	000264-09-5	93
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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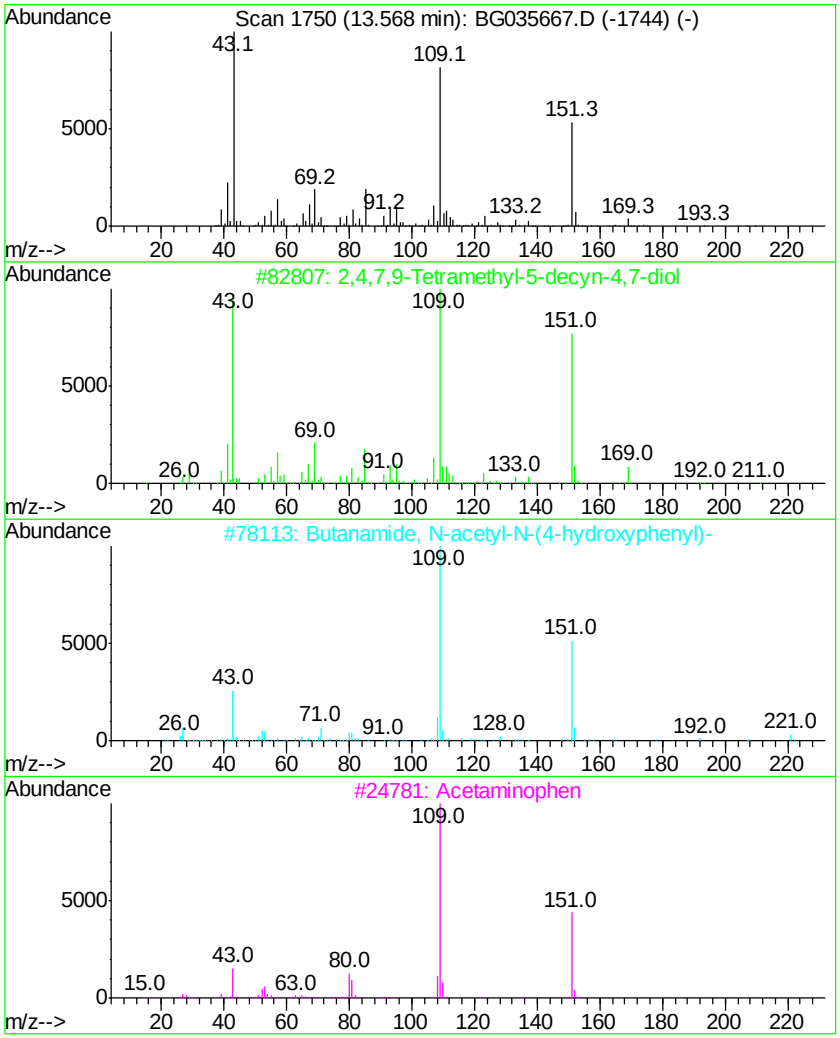
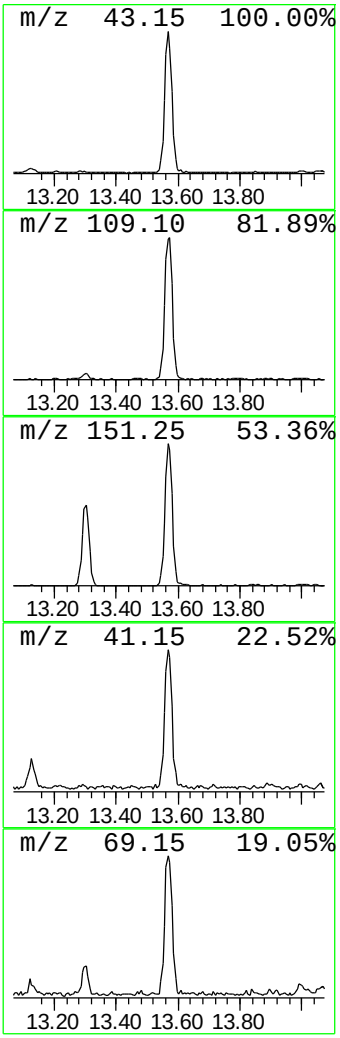
Peak Number 15 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	22.35 ng	1030890	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	43





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Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

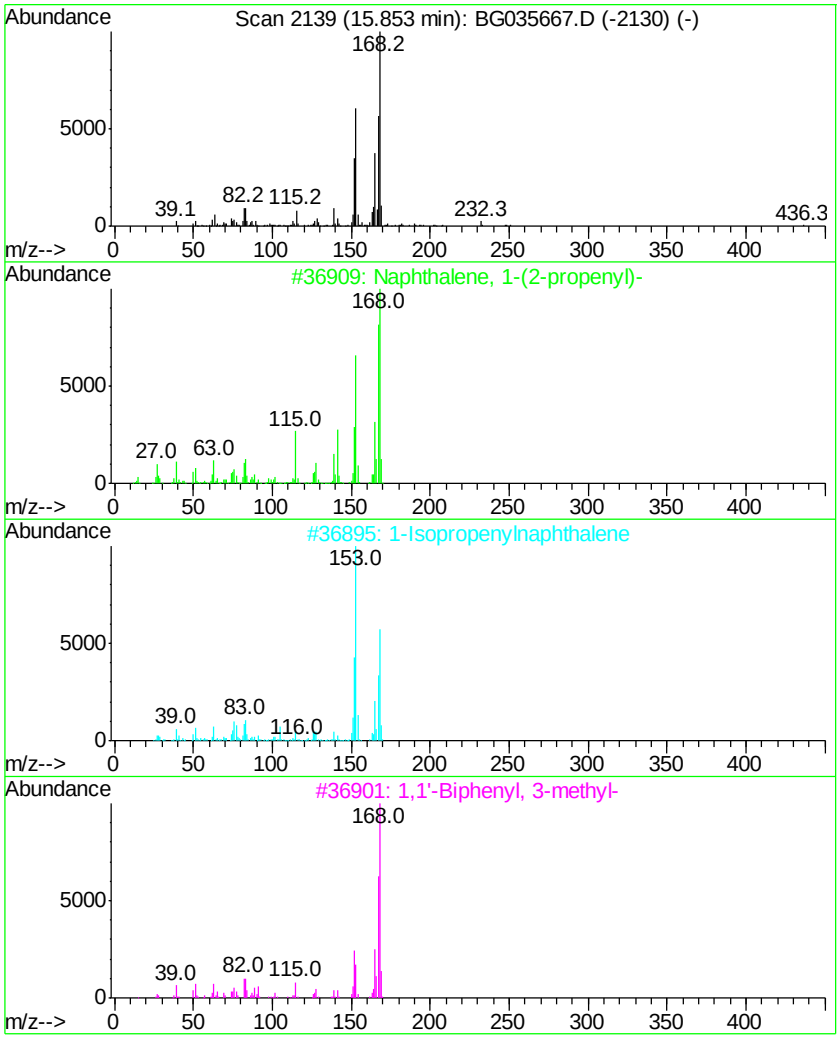
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

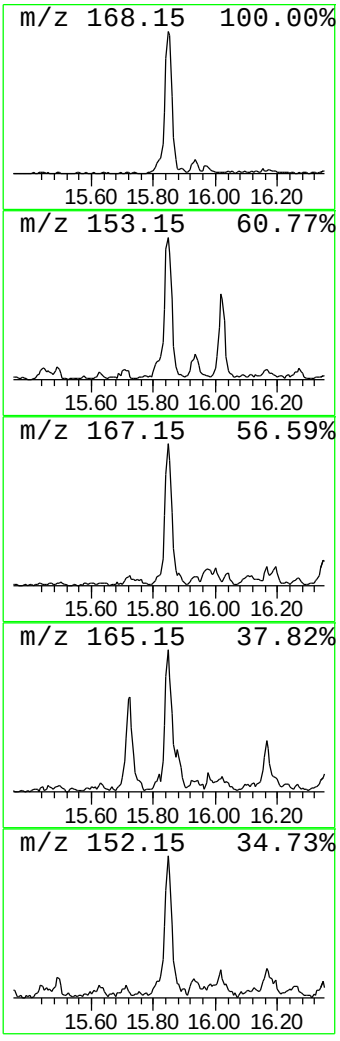
****

Peak Number 16 Naphthalene, 1-(2-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	8.85 ng	408176	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53
5	Diphenylmethane	168	C13H12	000101-81-5	46





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Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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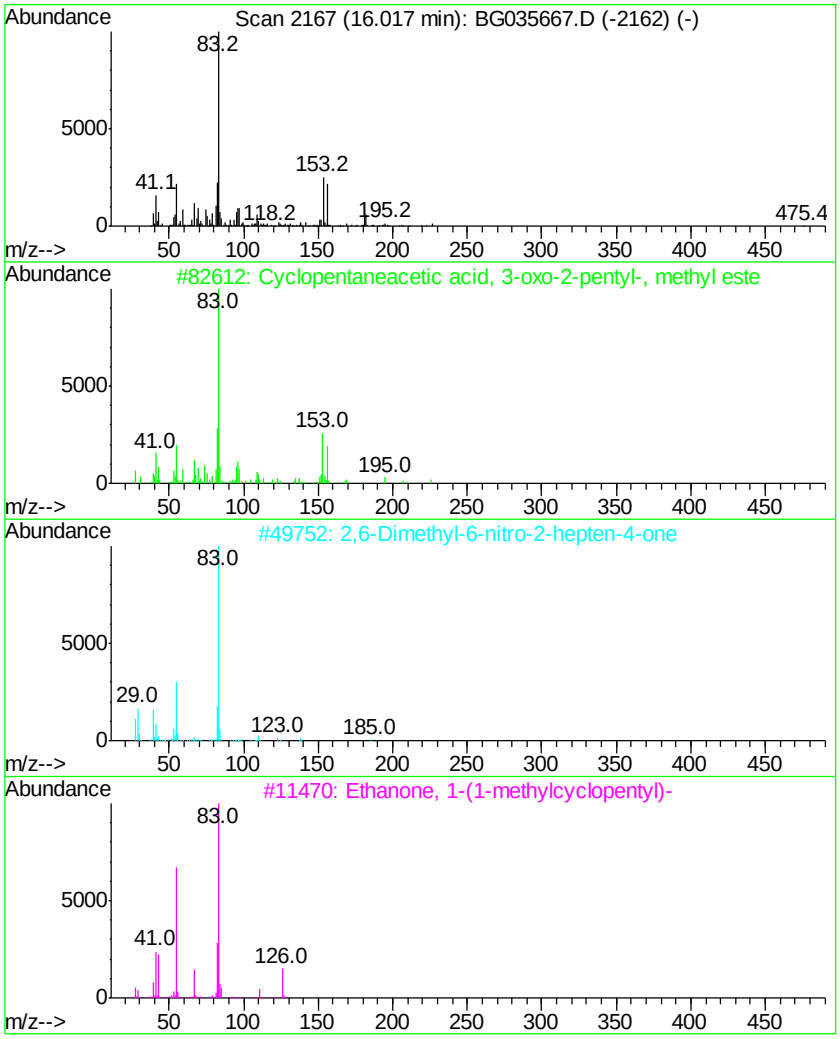
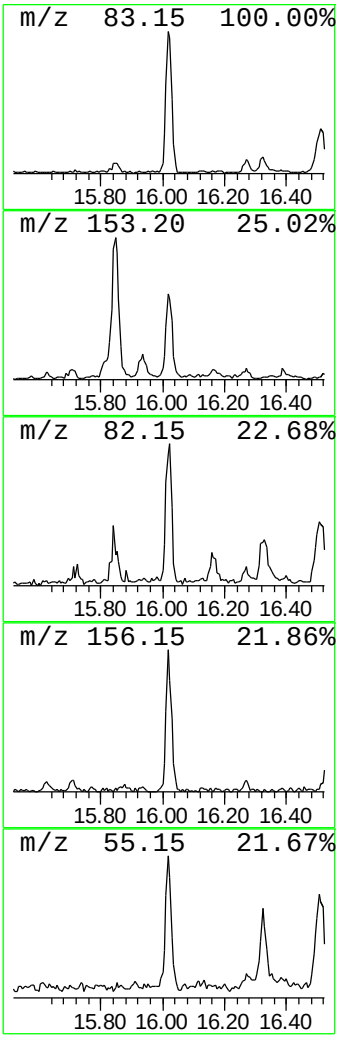
Peak Number 17 Cyclopentaneacetic acid, 3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	10.13 ng	467116	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentaneacetic acid, 3-oxo-2...	226	C13H22O3	024851-98-7	50
2	2,6-Dimethyl-6-nitro-2-hepten-4-one	185	C9H15NO3	073583-56-9	43
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	43
4	Isocitronellol	156	C10H20O	018479-52-2	40
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

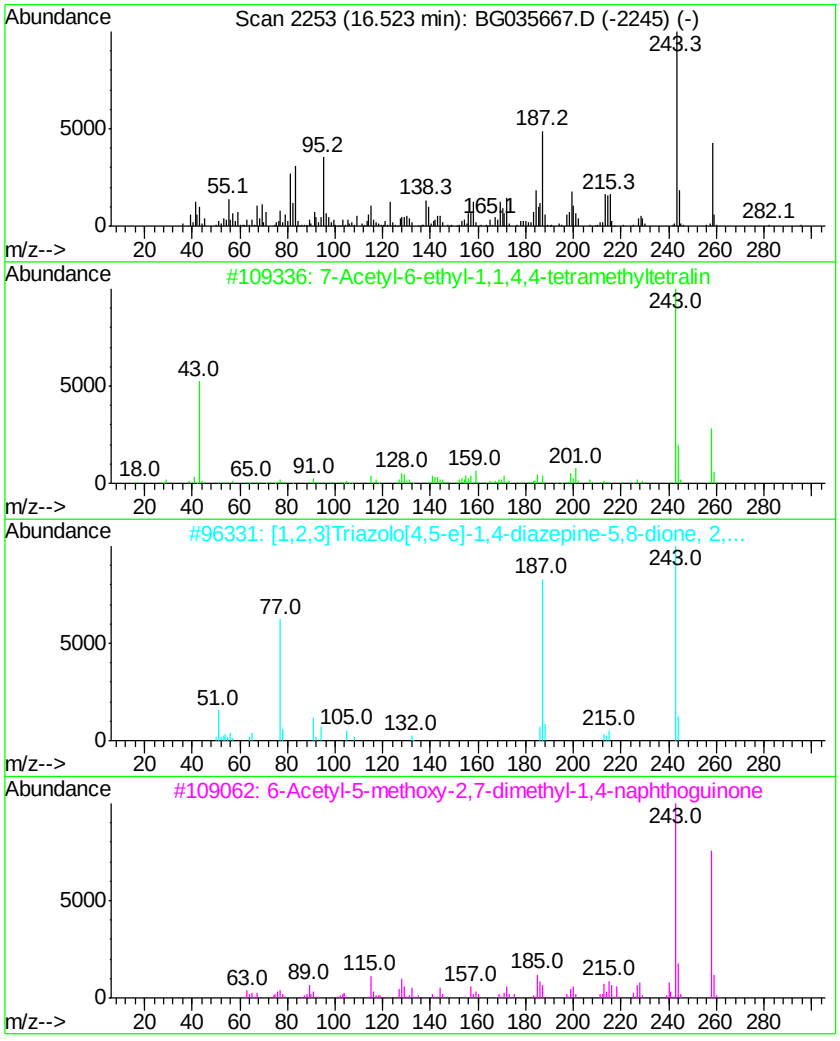
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

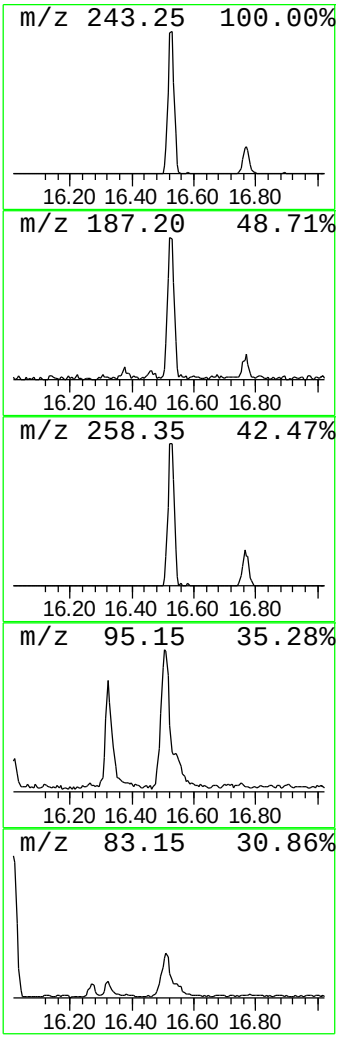
****

Peak Number 18 unknown16.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	19.60 ng	865659	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	35
2	[1,2,3]Triazolo[4,5-e]-1,4-diaze...	243	C11H9N5O2	1000142-43-5	30
3	6-Acetyl-5-methoxy-2,7-dimethyl-...	258	C15H14O4	000960-64-5	25
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	25
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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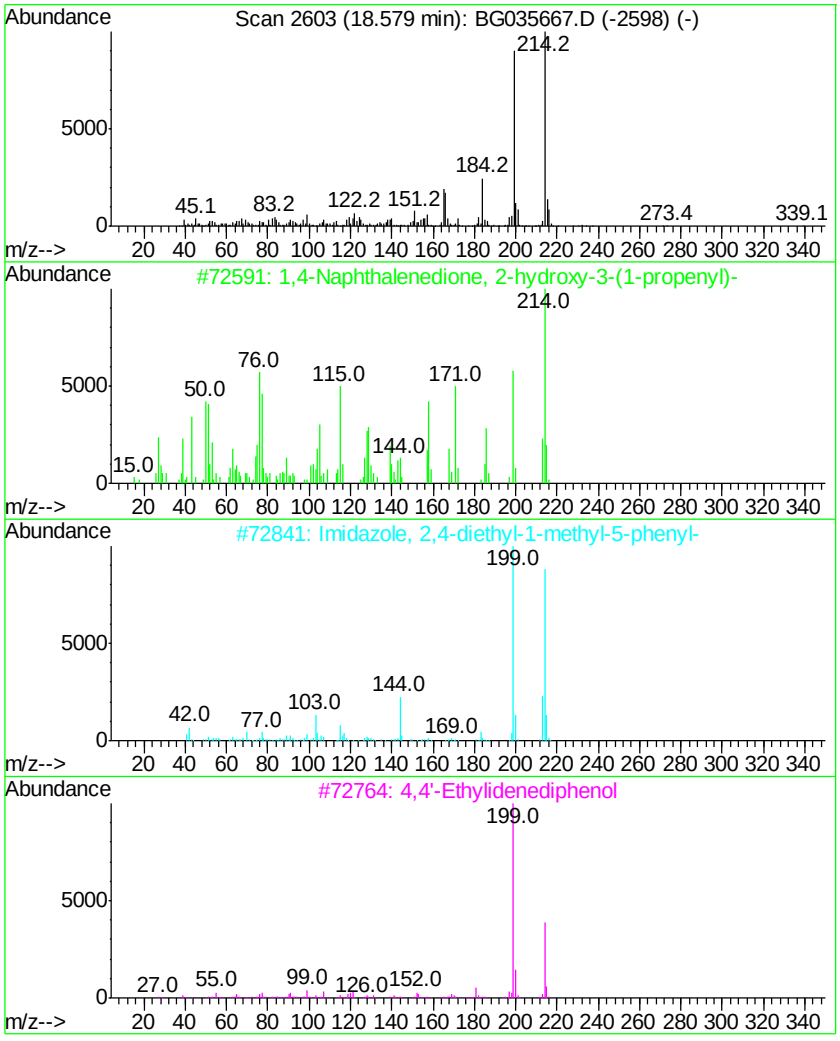
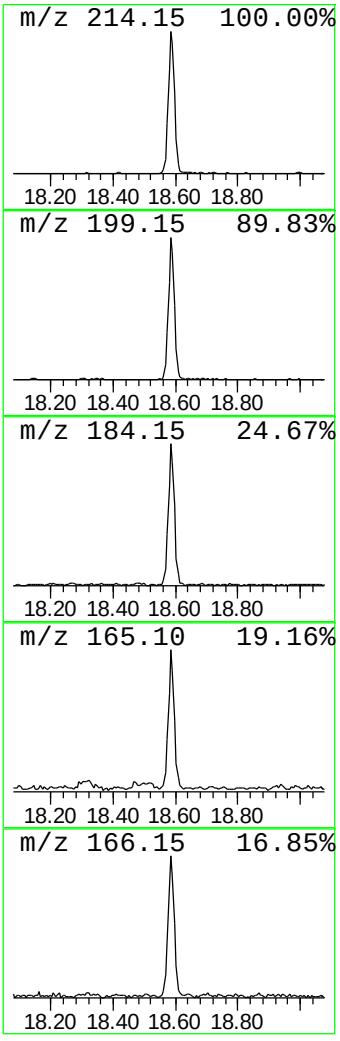
Peak Number 19 1,4-Naphthalenedione, 2-hyd... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	23.60 ng	1042510	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione, 2-hydroxy-...	214	C13H10O3	029366-41-4	95
2	Imidazole, 2,4-diethyl-1-methyl-...	214	C14H18N2	062576-17-4	64
3	4,4'-Ethylidenediphenol	214	C14H14O2	002081-08-5	53
4	1,1'-Biphenyl, 4,4'-dimethoxy-	214	C14H14O2	002132-80-1	53
5	Thiazolo[4,5-f]quinoline, 7,9-di...	214	C12H10N2S	038463-38-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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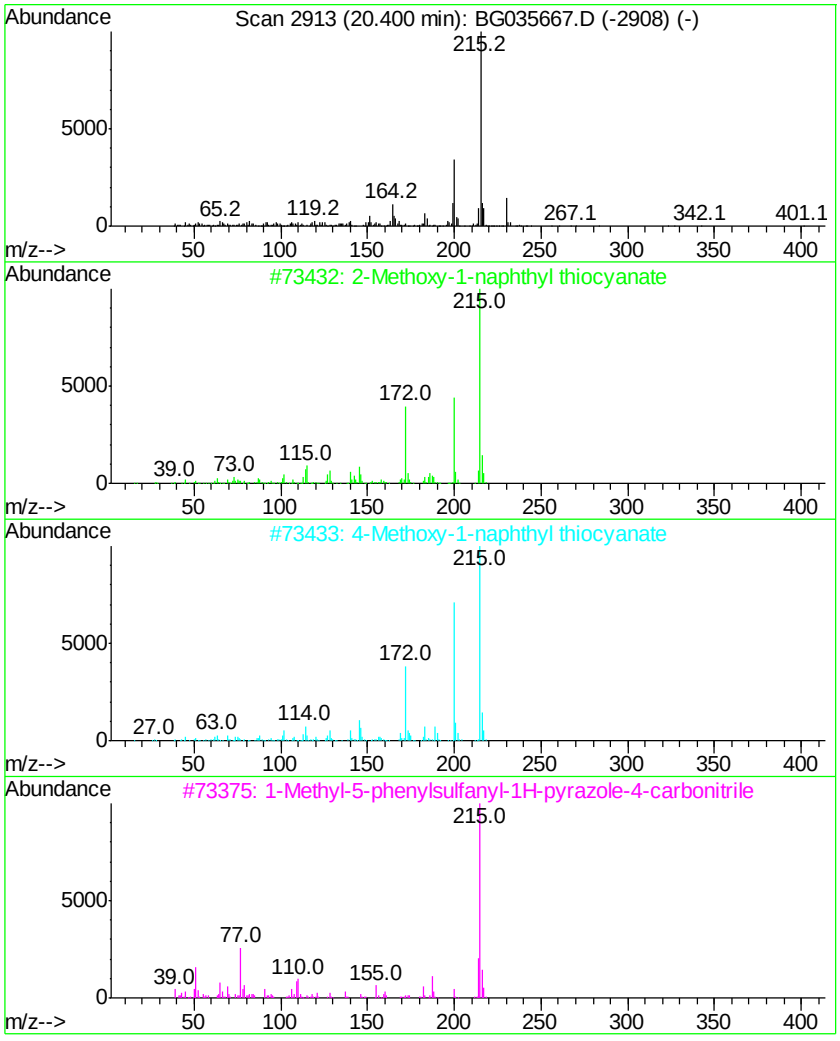
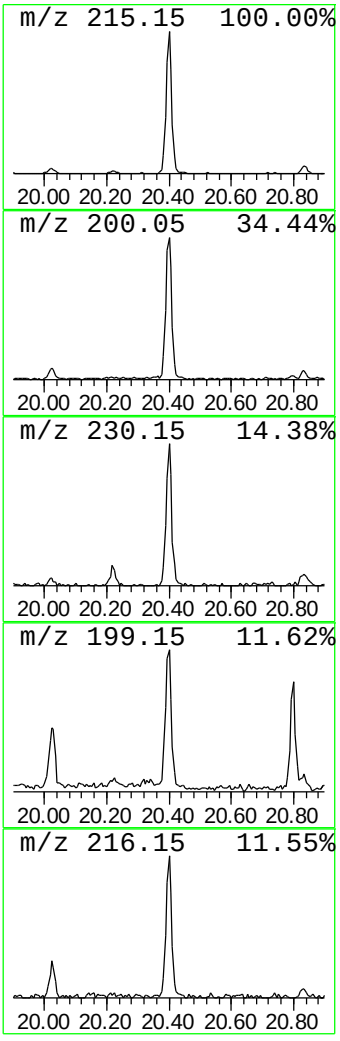
Peak Number 20 2-Methoxy-1-naphthyl thiocy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	11.31 ng	600562	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-1-naphthyl thiocyanate	215	C12H9NOS	092696-42-9	59
2	4-Methoxy-1-naphthyl thiocyanate	215	C12H9NOS	066231-77-4	53
3	1-Methyl-5-phenylsulfanyl-1H-pyr...	215	C11H9N3S	1000311-79-9	38
4	2-Thiophen-2-yl-imidazo[1,2-a]py...	215	C11H9N3S	1000300-55-5	38
5	Benzoic acid, 4-(4-ethylcyclohex...	430	C27H30N2O3	075941-84-3	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071618\
Data File : BG035667.D
Acq On : 16 Jul 2018 13:22
Operator : JU/SJ
Sample : J3928-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.59	7.59	93.3	ng	1642790	1	8.06	352132	20.0
1-Hexanol, 2-ethyl-	8.11	10.4	ng	183807	1	8.06	352132	20.0
Butoxyacetic acid	9.05	33.7	ng	592688	1	8.06	352132	20.0
Hexanoic acid, 3,...	9.70	11.9	ng	311982	2	10.86	522069	20.0
1-Phenyl-1-butene	10.25	7.5	ng	197209	2	10.86	522069	20.0
Cyclohexanol, 5-m...	10.64	27.5	ng	717942	2	10.86	522069	20.0
Ethanone, 1-(4-me...	10.78	11.0	ng	287495	2	10.86	522069	20.0
unknown10.91	10.91	6.5	ng	169770	2	10.86	522069	20.0
Benzene, 1-methyl...	10.97	9.1	ng	237073	2	10.86	522069	20.0
1-Propanol, 3,3'-...	11.45	6.5	ng	169601	2	10.86	522069	20.0
D-Carvone	11.65	21.9	ng	572037	2	10.86	522069	20.0
unknown12.22	12.22	7.0	ng	183912	2	10.86	522069	20.0
Naphthalene, 1-me...	12.72	7.8	ng	204415	2	10.86	522069	20.0
2,4,7,9-Tetrameth...	13.57	22.4	ng	1030890	3	14.68	922543	20.0
Naphthalene, 1-(2...	15.85	8.8	ng	408176	3	14.68	922543	20.0
Cyclopentaneaceti...	16.02	10.1	ng	467116	3	14.68	922543	20.0
unknown16.52	16.52	19.6	ng	865659	4	17.42	883308	20.0
1,4-Naphthalenedi...	18.58	23.6	ng	1042510	4	17.42	883308	20.0
2-Methoxy-1-napht...	20.40	11.3	ng	600562	5	21.69	1061760	20.0