LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

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:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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	3.100	39	44	51	rBV	56962	105309	1.31%	0.174%
2	3.740	148	153	162	rVB	141163	222810	2.77%	0.368%
3	5.156	388	394	400	rBV	194379	306455	3.80%	0.506%
4	5.244	403	409	416	rVB9	44094	106174	1.32%	0.175%
5	5.561	455	463	468	rBV	73560	153582	1.91%	0.253%
6	5.631	469	475	484	rVV	1026411	1758974	21.83%	2.902%
7	5.714	484	489	496	rVB3	47566	88091	1.09%	0.145%
8	6.336	590	595	603	rVB3	52256	89018	1.10%	0.147%
9	6.806	669	675	678	rBV5	48983	107063	1.33%	0.177%
10	6.836	678	680	689	rVB3	58683	89323	1.11%	0.147%
11	7.182	733	739	744	rBV6	47514	98092	1.22%	0.162%
12	7.253	744	751	761	rVV	714388	1358171	16.86%	2.241%
13	7.335	761	765	771	rVB3	43232	83472	1.04%	0.138%
14	7.464	776	787	798	rBV	303333	575629	7.14%	0.950%
15	7.623	805	814	824	rBV	1776434	3233536	40.13%	5.335%
16	7.717	824	830	838	rVB5	37894	94913	1.18%	0.157%
17	8.087	887	893	898	rBV	444809	827892	10.28%	1.366%
18	8.128	898	900	906	rVV	199113	287344	3.57%	0.474%
19	8.199	906	912	925	rVB3	62918	165855	2.06%	0.274%
20	8.363	931	940	944	rBV4	317138	689457	8.56%	1.138%
21	8.416	944	949	954	rVV	1487238	2650180	32.89%	4.373%
22	8.463	954	957	966	rVB	279711	466406	5.79%	0.770%
23	8.739	998	1004	1010	rBV4	86737	183040	2.27%	0.302%
24	9.033	1044	1054	1058	rBV8	67512	198357	2.46%	0.327%
25	9.144	1068	1073	1078	rBV4	106342	197811	2.46%	0.326%
26	9.197	1078	1082	1088	rVB4	114147	213142	2.65%	0.352%
27	9.268	1088	1094	1102	rBV	1358710	2500322	31.03%	4.125%
28	9.385	1109	1114	1123	rVB4	49130	107710	1.34%	0.178%
29	9.726	1166	1172	1178	rBV2	78761	156170	1.94%	0.258%
30	9.796	1178	1184	1187	rBV6	47653	104651	1.30%	0.173%
31	9.879	1194	1198	1214	rVB6	74199	220230	2.73%	0.363%
32	10.102	1226	1236	1238	rBV7	45239	108292	1.34%	0.179%
33	10.313	1267	1272	1281	rBV6	65535	144476	1.79%	0.238%
34	10.525	1302	1308	1318	rBV9	56886	155632	1.93%	0.257%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

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:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.619	1318	1324	1331	rVV8	68134	155270	1.93%	0.256%
36	10.924	1369	1376	1384	rBV	637012	1155987	14.35%	1.907%
37	11.200	1414	1423	1433	rBV	54293	189946	2.36%	0.313%
38	11.341	1443	1447	1453	rVB3	68655	114508	1.42%	0.189%
39	11.447	1461	1465	1467	rBV5	50541	83300	1.03%	0.137%
40	11.482	1467	1471	1476	rVV	145567	315887	3.92%	0.521%
41	11.547	1478	1482	1493	rVB8	154808	401785	4.99%	0.663%
42	12.046	1563	1567	1574	rVB2	51328	92571	1.15%	0.153%
43	12.311	1605	1612	1620	rBV	553856	964035	11.97%	1.591%
44	12.452	1632	1636	1645	rVB8	52743	137191	1.70%	0.226%
45	12.645	1664	1669	1674	rVB2	195793	312745	3.88%	0.516%
46	12.804	1686	1696	1700	rBV2	632535	1229012	15.25%	2.028%
47	12.857	1700	1705	1706	rBV2	234807	313654	3.89%	0.518%
48	12.927	1714	1717	1725	rVB7	132629	243378	3.02%	0.402%
49	13.098	1741	1746	1753	rBV3	185411	352786	4.38%	0.582%
50	13.168	1755	1758	1764	rVV7	56786	123931	1.54%	0.204%
51	13.380	1783	1794	1800	rVB	3365925	5777876	71.72%	9.533%
52	13.544	1817	1822	1832	rVV2	115987	271250	3.37%	0.448%
53	13.632	1833	1837	1841	rVB3	77302	118298	1.47%	0.195%
54	13.732	1849	1854	1857	rBV2	104460	147925	1.84%	0.244%
55	13.779	1857	1862	1870	rVV	518883	931877	11.57%	1.538%
56	13.850	1871	1874	1878	rVV3	101766	178452	2.21%	0.294%
57	13.897	1878	1882	1886	rVV3	253851	417053	5.18%	0.688%
58	13.985	1886	1897	1909	rVV	793898	2267400	28.14%	3.741%
59	14.079	1909	1913	1918	rVB4	122102	190760	2.37%	0.315%
60	14.196	1927	1933	1939	rBV3	217408	428953	5.32%	0.708%
61	14.261	1940	1944	1947	rBV	61638	107366	1.33%	0.177%
62	14.402	1964	1968	1975	rVB2	222958	364898	4.53%	0.602%
63	14.467	1975	1979	1984	rBV3	79524	148046	1.84%	0.244%
64	14.549	1989	1993	1996	rBV	133837	184714	2.29%	0.305%
65	14.684	2010	2016	2018	rBV6	58093	107324	1.33%	0.177%
66	14.713	2018	2021	2024	rVV4	73881	110469	1.37%	0.182%
67	14.766	2024	2030	2037	rVB2	1052715	1795142	22.28%	2.962%
68	14.848	2037	2044	2049	rBV	248609	461382	5.73%	0.761%
69	14.913	2051	2055	2059	rVV	255772	452102	5.61%	0.746%
70	14.966	2059	2064	2070	rVB4	194215	407736	5.06%	0.673%
71	15.030	2071	2075	2080	rVB2	139204	188895	2.34%	0.312%

LSC Area Percent Report

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Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

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:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.083	2081	2084	2090	rBV7	69404	106268	1.32%	0.175%
73	15.289	2116	2119	2124	rVB3	77619	113549	1.41%	0.187%
74	15.389	2132	2136	2137	rBV	73181	98187	1.22%	0.162%
75	15.418	2138	2141	2145	rVB3	116402	164802	2.05%	0.272%
76	15.547	2159	2163	2166	rBV4	65891	101431	1.26%	0.167%
77	15.647	2176	2180	2187	rVB6	75458	135988	1.69%	0.224%
78	15.859	2213	2216	2226	rVB5	84540	142908	1.77%	0.236%
79	16.017	2240	2243	2250	rBV5	54182	97035	1.20%	0.160%
80	16.264	2278	2285	2297	rVB	3192350	4872602	60.48%	8.040%
81	17.321	2461	2465	2470	rVB	81640	126451	1.57%	0.209%
82	17.527	2494	2500	2506	rBV	1381824	2126768	26.40%	3.509%
83	18.402	2645	2649	2655	rVB3	90293	127336	1.58%	0.210%
84	19.665	2861	2864	2873	rBV6	83115	137277	1.70%	0.227%
85	19.830	2889	2892	2896	rVB	123457	149566	1.86%	0.247%
86	20.141	2938	2945	2951	rBV	5893092	8056674	100.00%	13.293%
87	20.922	3074	3078	3082	rVB	126262	162802	2.02%	0.269%
88	21.845	3229	3235	3243	rVB2	1468061	2427417	30.13%	4.005%
89	25.234	3802	3812	3826	rVB2	821724	2369227	29.41%	3.909%

Sum of corrected areas: 60607771

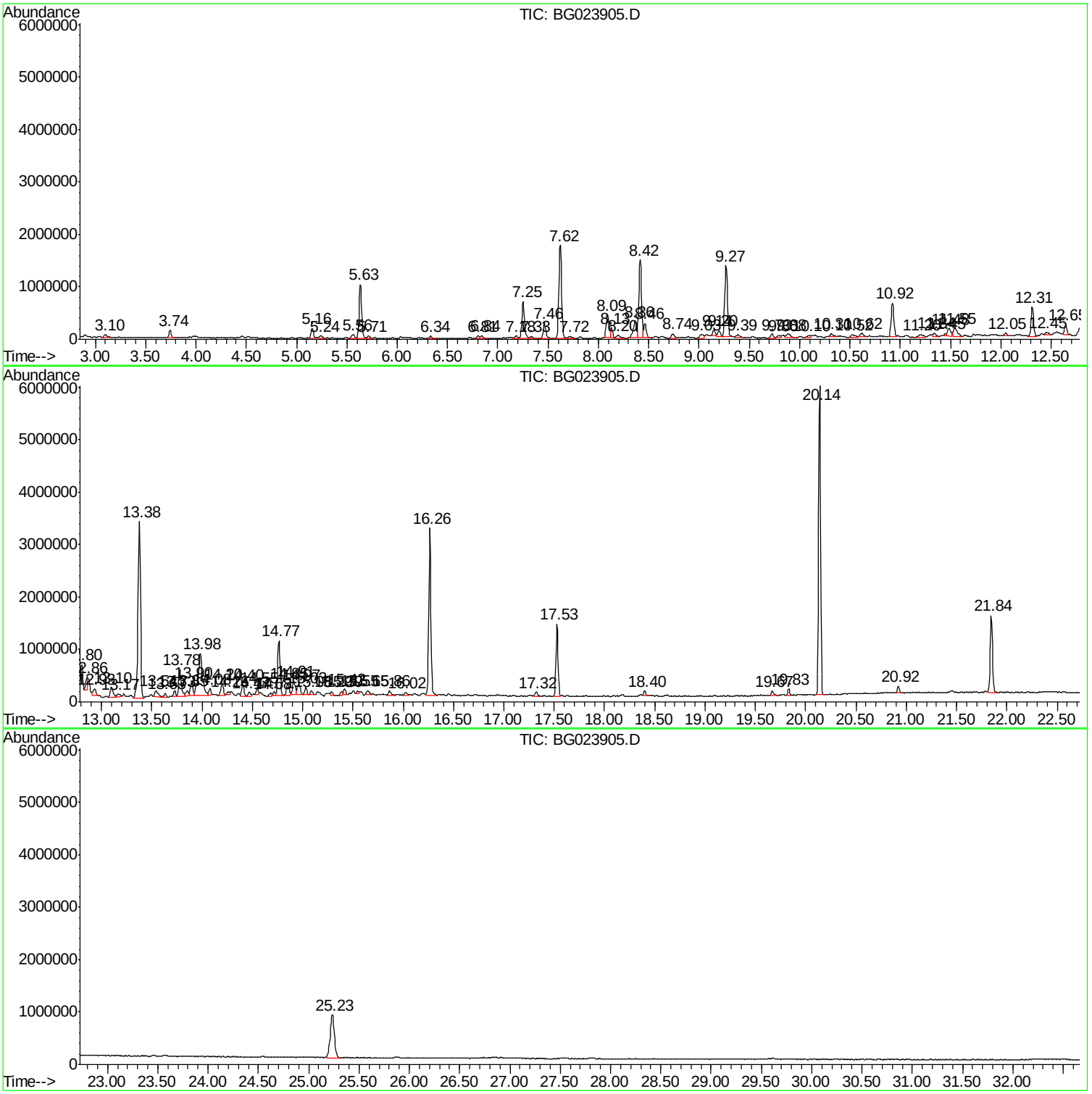
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

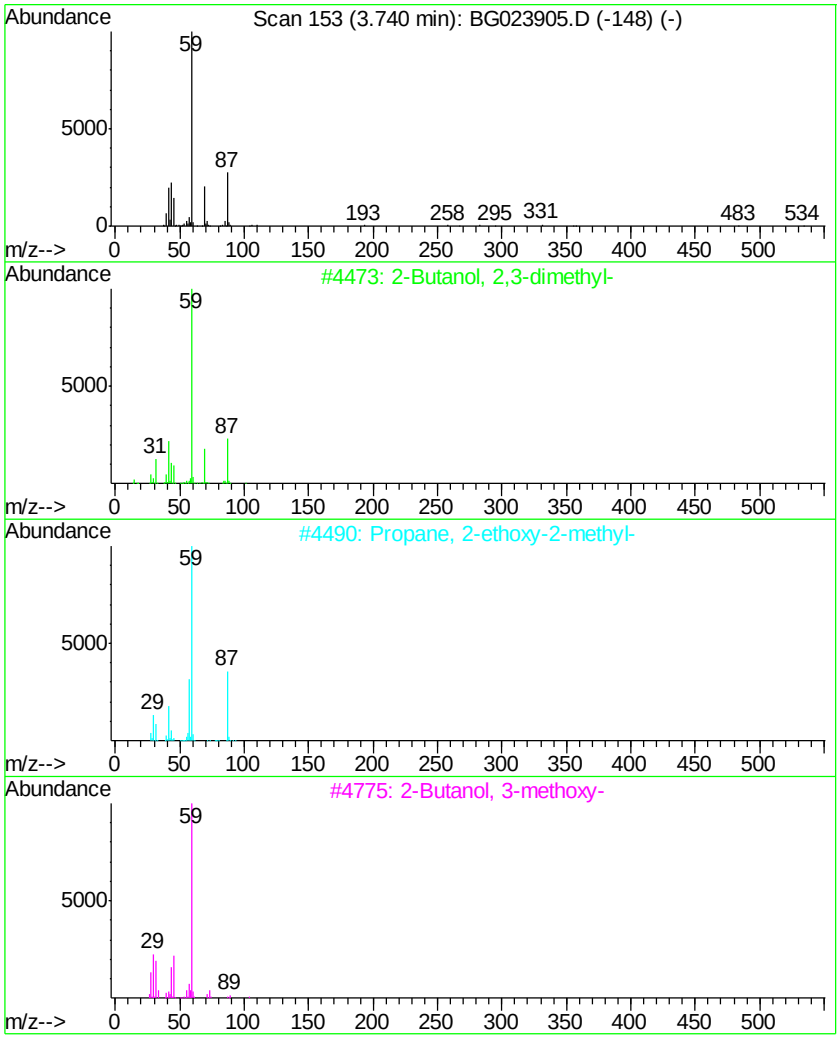
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

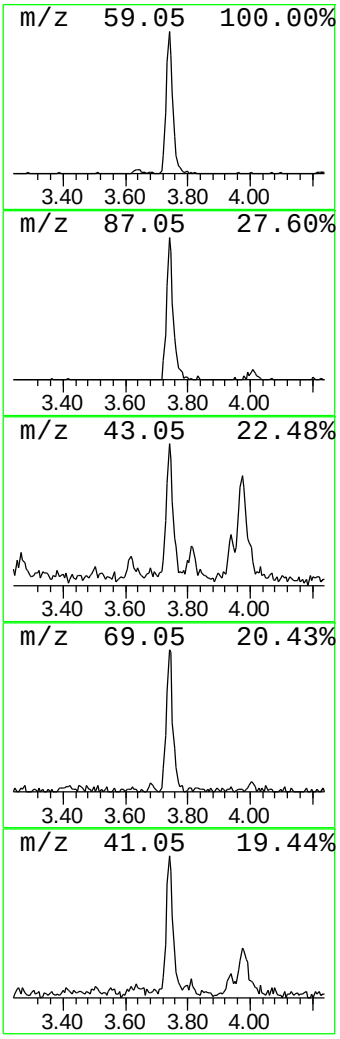
****

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	5.38 ng	222810	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	42
4	3-Heptanol	116	C7H16O	000589-82-2	40
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

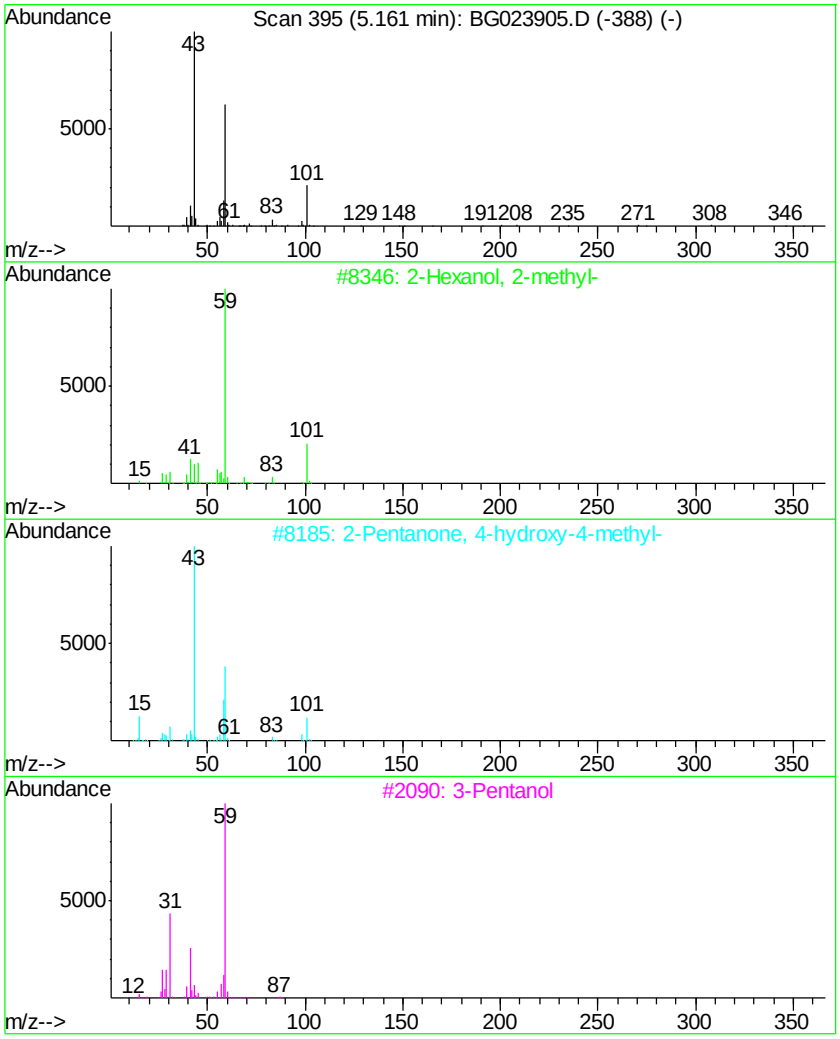
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

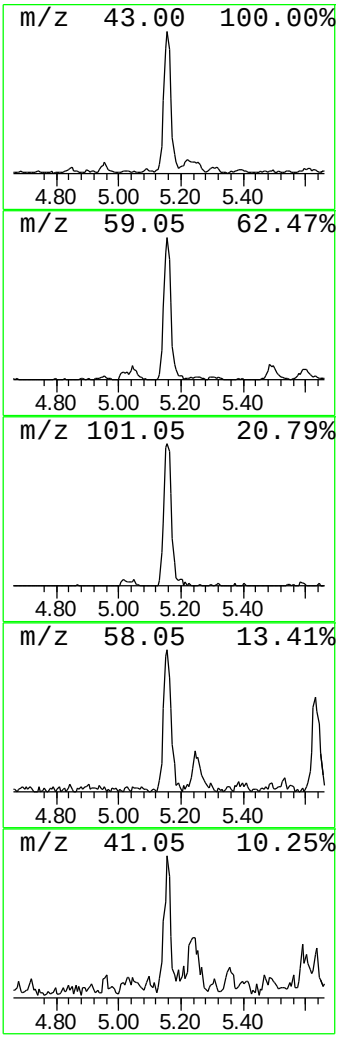
****

Peak Number 2 unknown5.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	7.40 ng	306455	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	3-Pentanol	88	C5H12O	000584-02-1	25
4	1,2-Butanediol	90	C4H10O2	000584-03-2	23
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

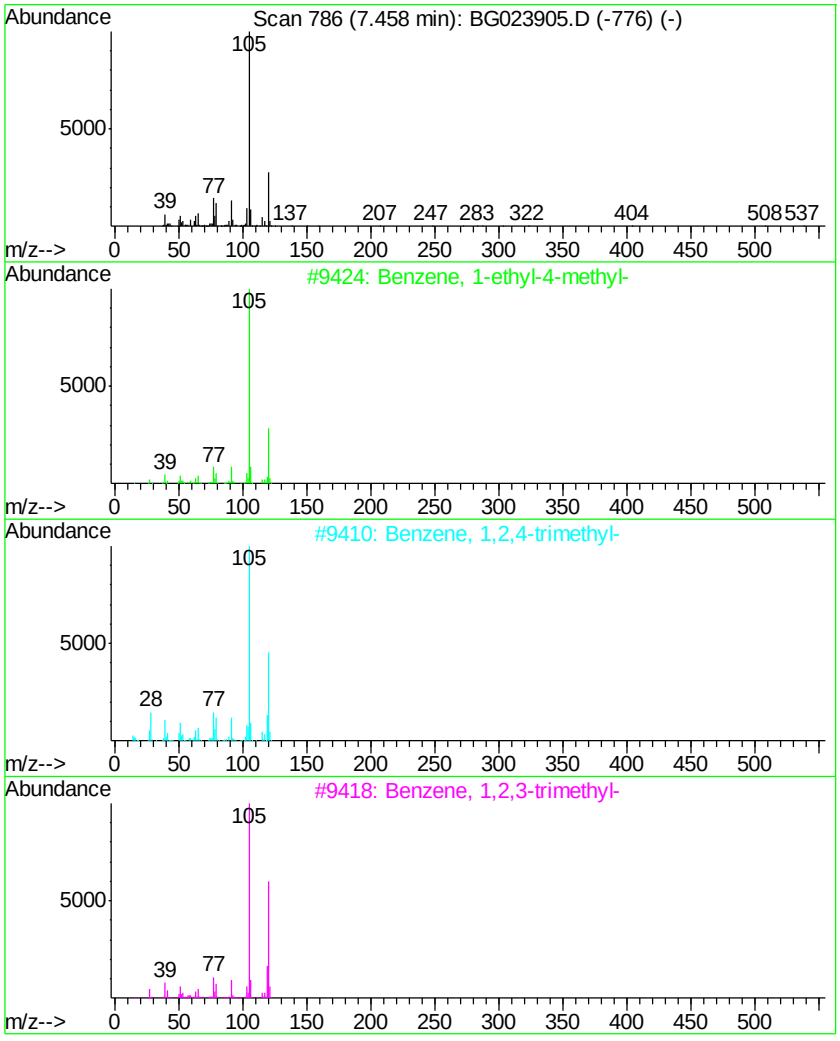
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

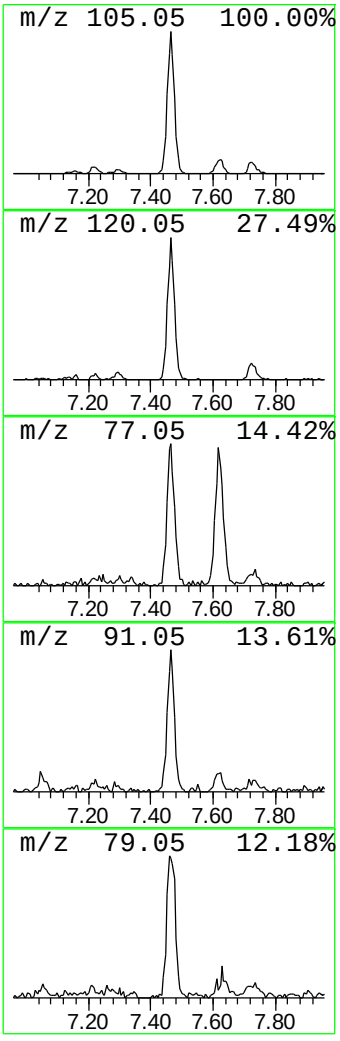
****

Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	13.91 ng	575629	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

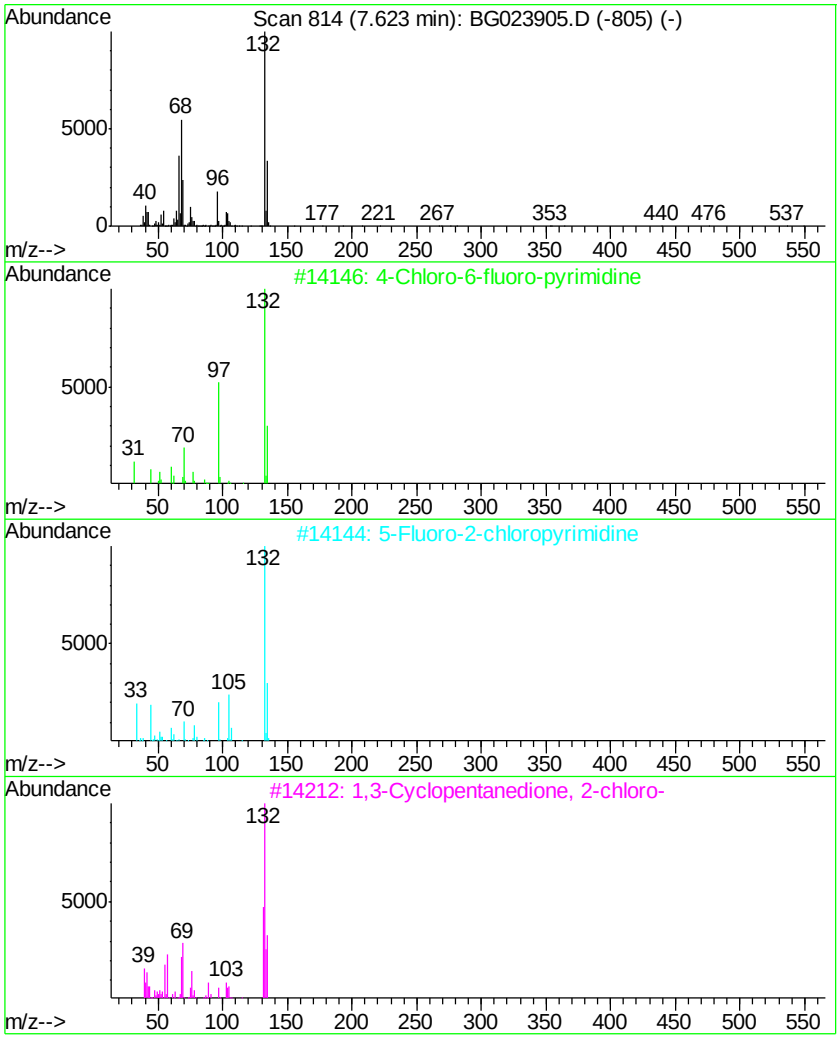
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

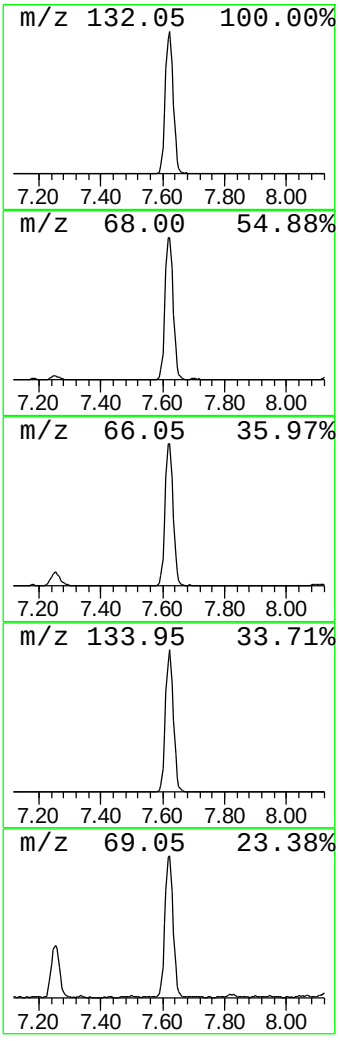
****

Peak Number 4 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	78.11 ng	3233540	1,4-Dichlorobenzene-d4	8.09

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

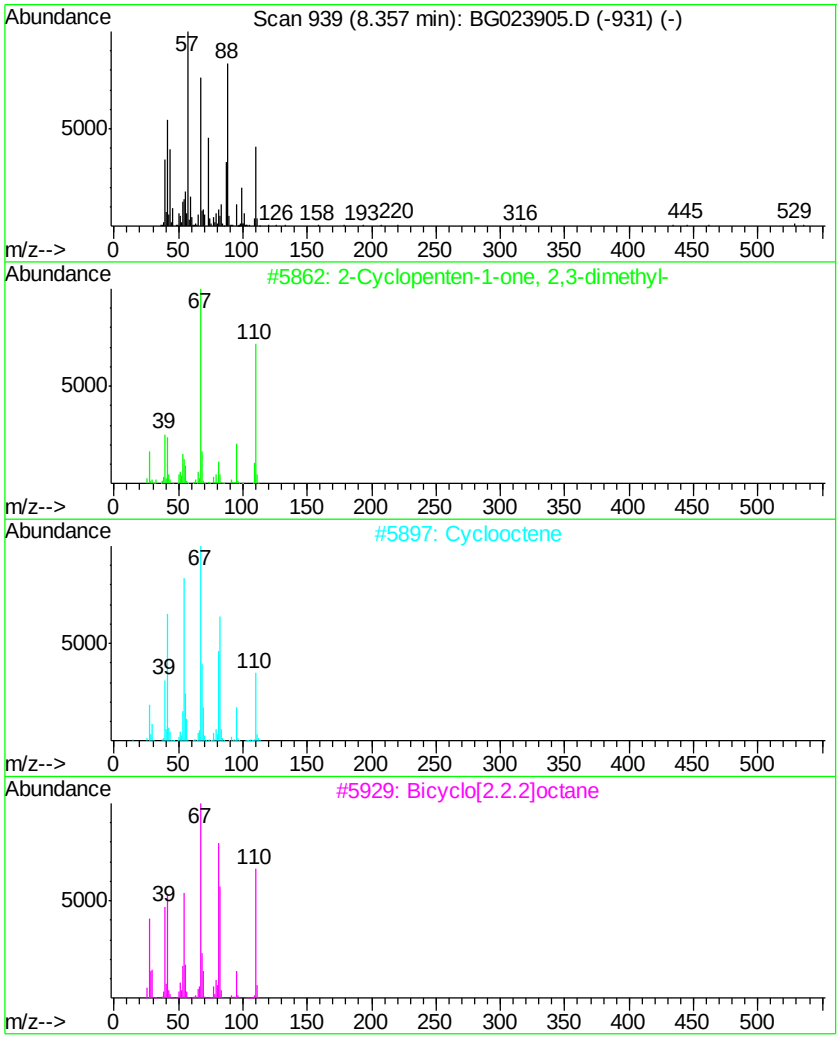
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

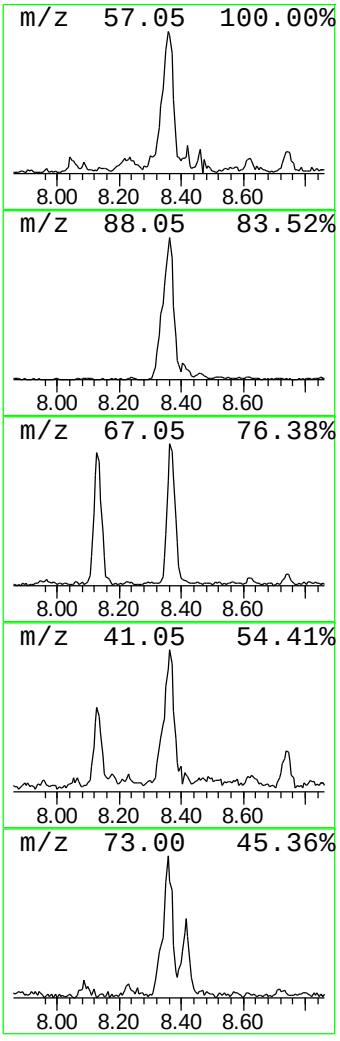
****

Peak Number 5 unknown8.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	16.66 ng	689457	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	41
2	Cyclooctene	110	C8H14	000931-88-4	35
3	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	35
4	1-Methylcycloheptene	110	C8H14	055308-20-8	30
5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

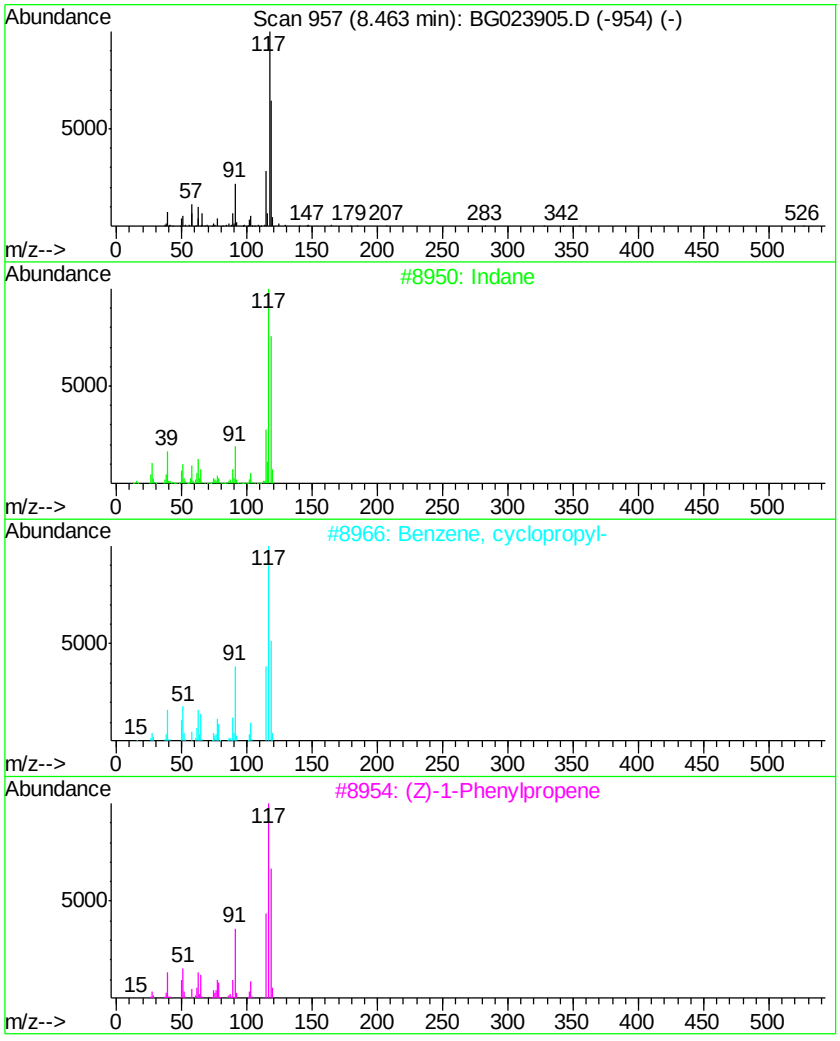
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

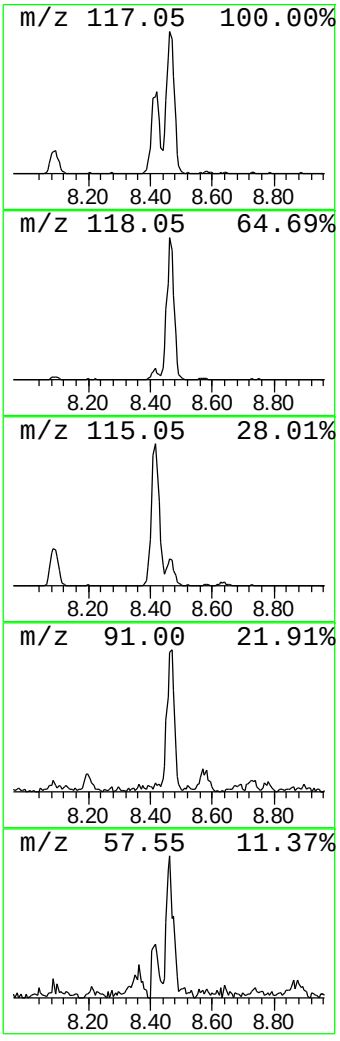
****

Peak Number 7 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	11.27 ng	466406	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68





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Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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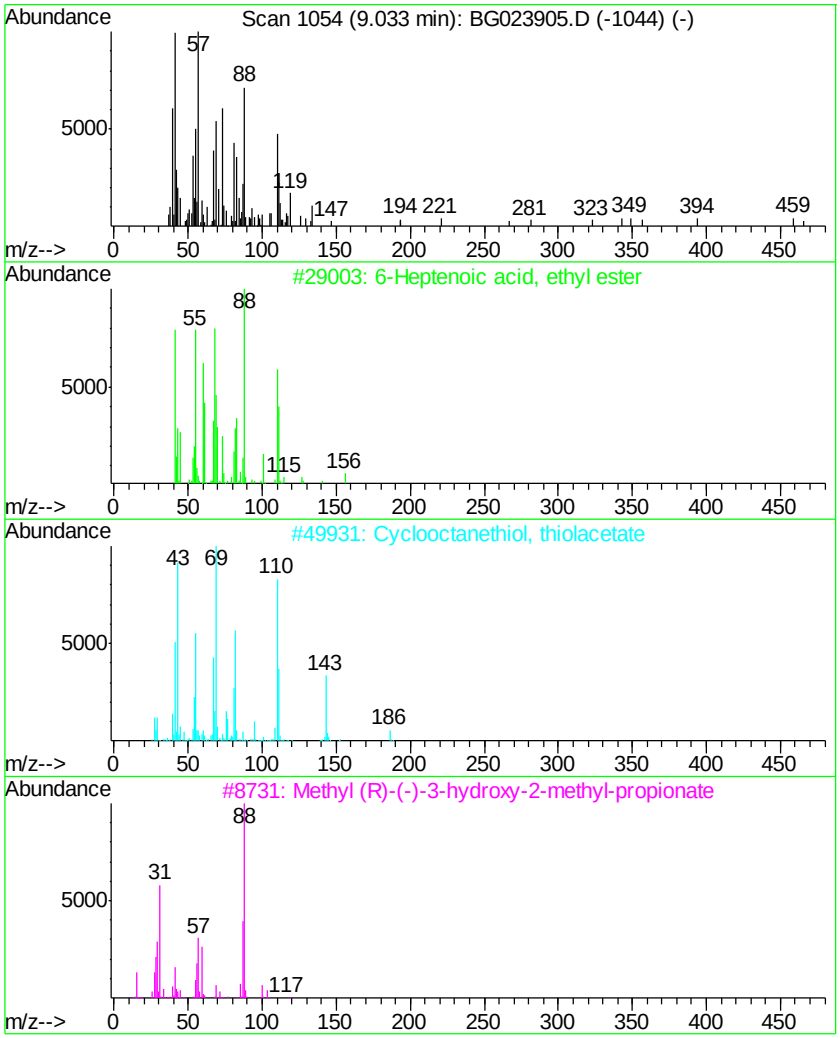
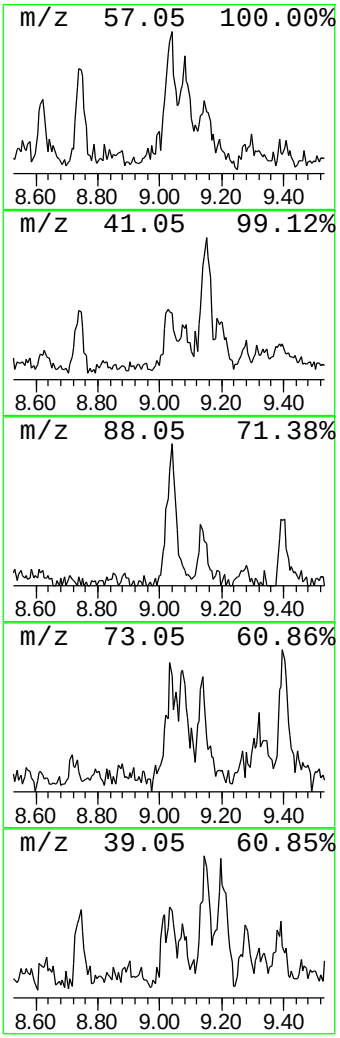
Peak Number 8 unknown9.03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	4.79 ng	198357	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Heptenoic acid, ethyl ester	156	C9H16O2	025118-23-4	38
2	Cyclooctanethiol, thiolacetate	186	C10H18OS	187143-13-1	25
3	Methyl (R)-(-)-3-hydroxy-2-methy...	118	C5H10O3	072657-23-9	14
4	1,2-Dimethyl-4-heptafluorobutyry...	324	C12H15F7O2	1000216-64-4	12
5	dl-Aspartic acid	133	C4H7NO4	000617-45-8	10





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Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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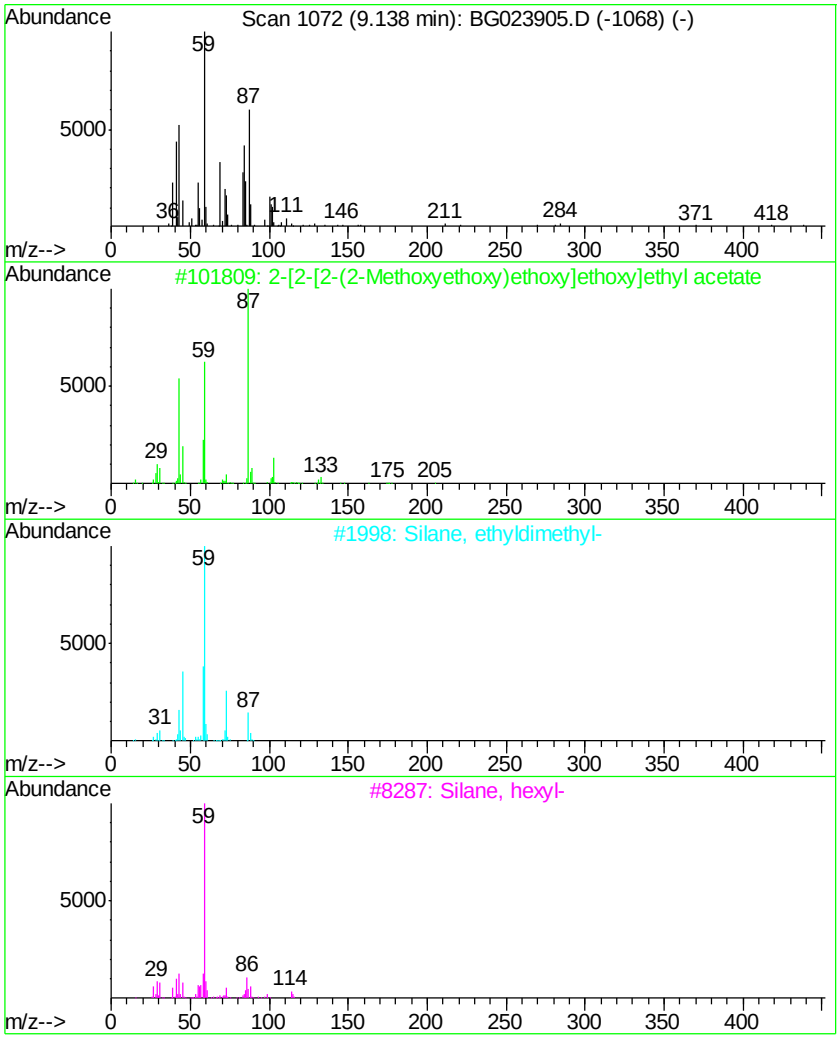
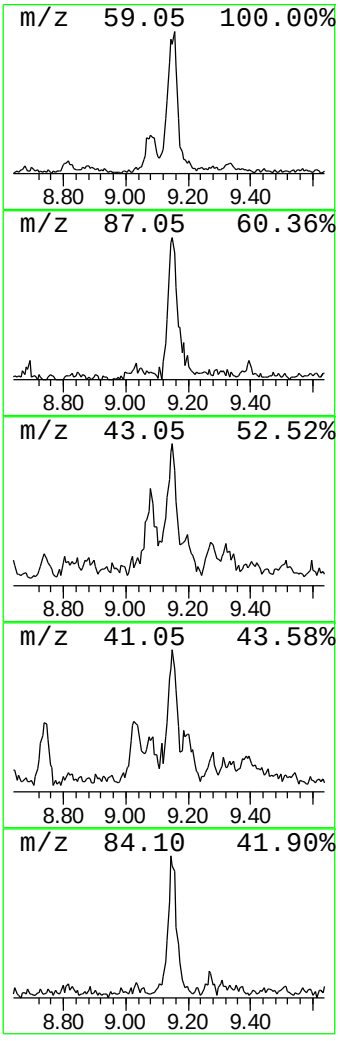
Peak Number 9 unknown9.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	4.78 ng	197811	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-(2-Methoxyethoxy)ethoxy]...	250	C11H22O6	1000351-91-4	35
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
3	Silane, hexyl-	116	C6H16Si	001072-14-6	22
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	14
5	Methoxyacetic acid, 4-methylpent...	174	C9H18O3	1000282-41-2	14





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Acq On : 25 Aug 2016 22:20
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Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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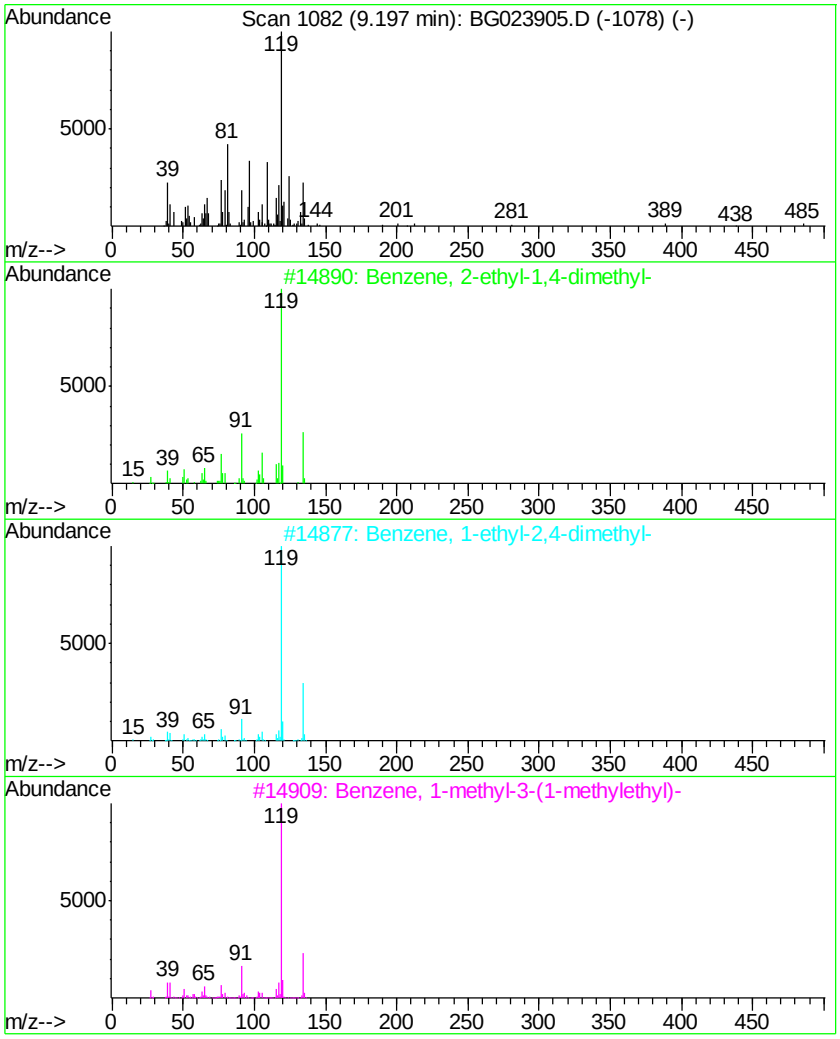
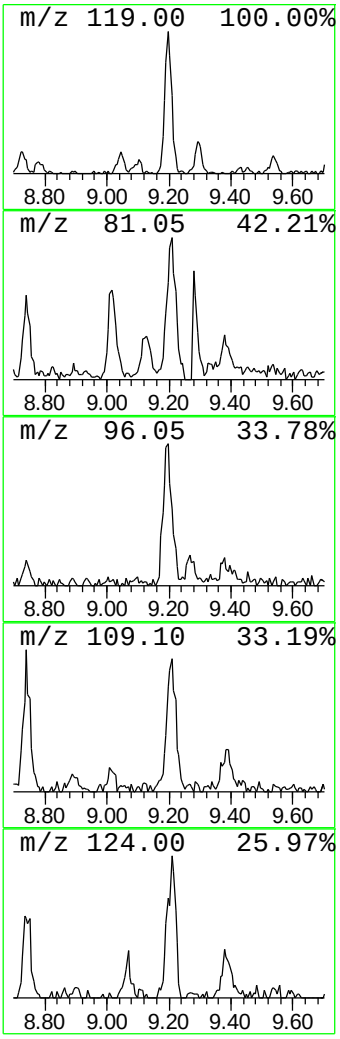
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	5.15 ng	213142	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
4	p-Cymene	134	C10H14	000099-87-6	55
5	o-Cymene	134	C10H14	000527-84-4	55





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Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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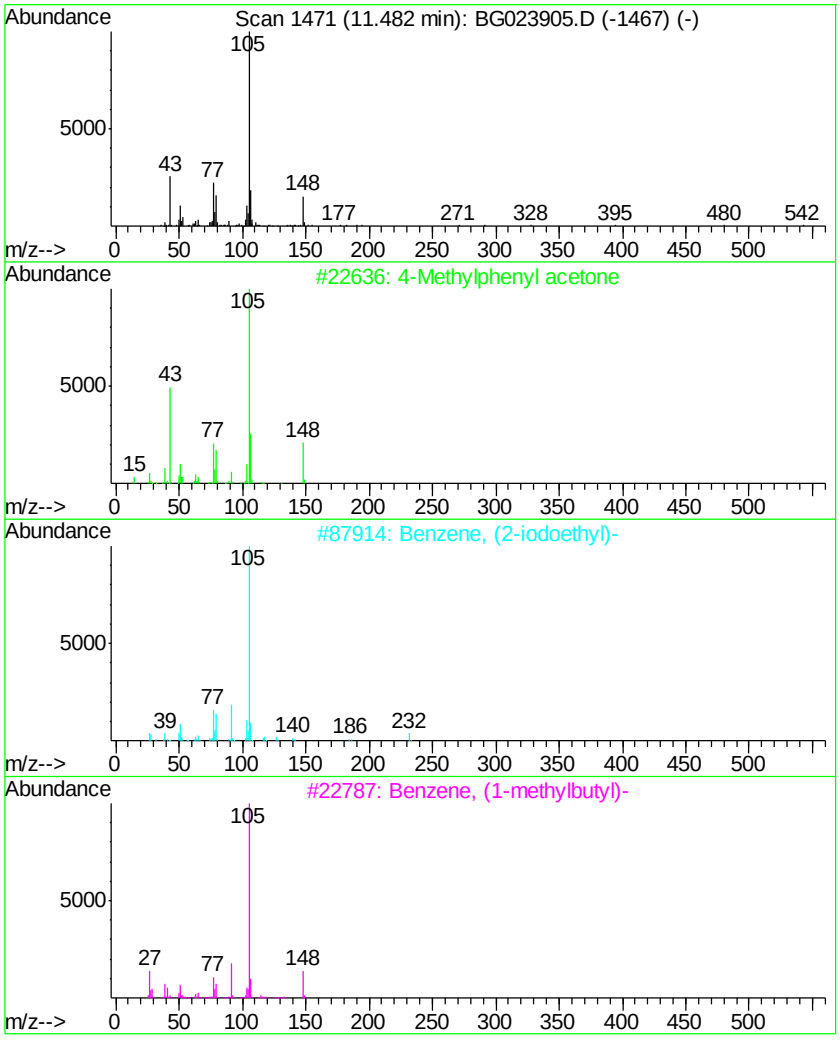
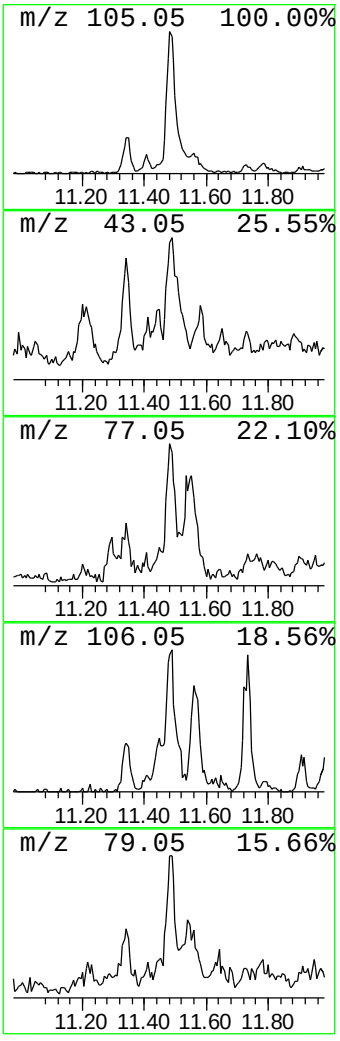
Peak Number 11 4-Methylphenyl acetone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	5.47 ng	315887	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	87
2	Benzene, (2-iodoethyl)-	232	C8H9I	017376-04-4	72
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	64
4	p-Methylbenzyl isothiocyanate	163	C9H9NS	003694-46-0	59
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	59





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Acq On : 25 Aug 2016 22:20
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Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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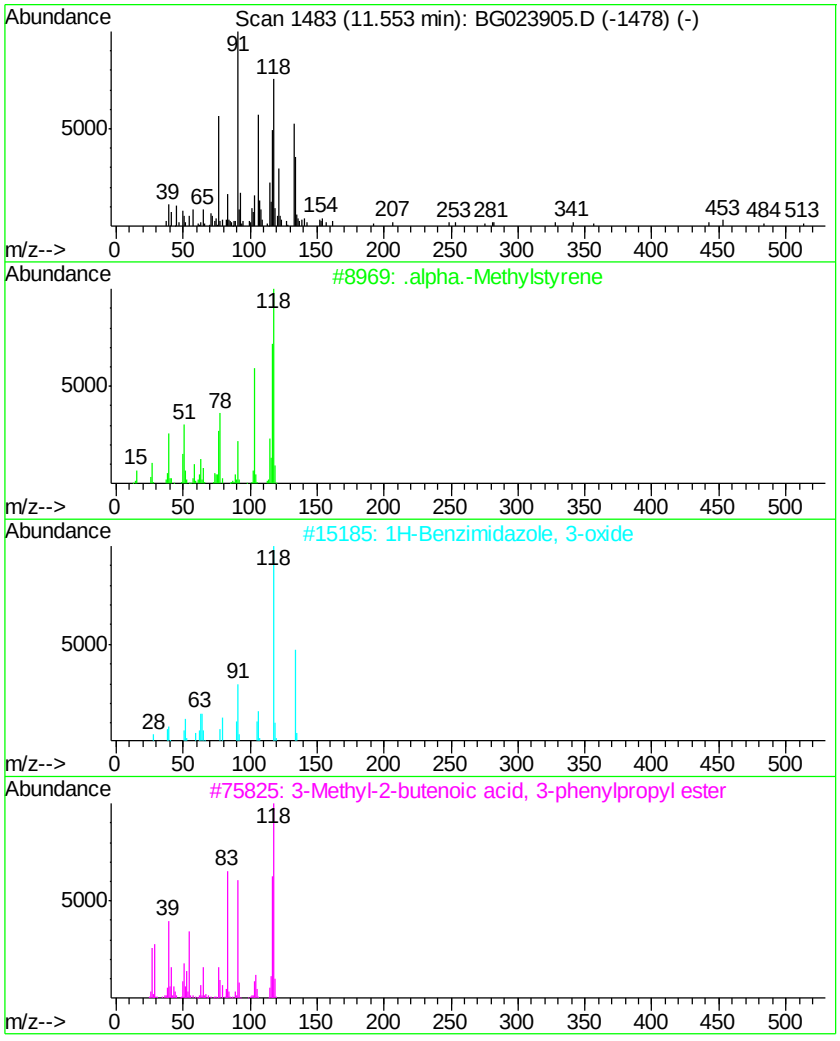
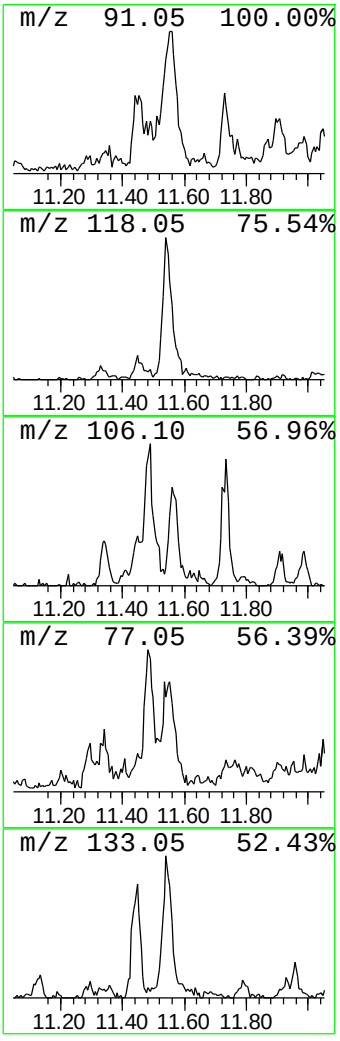
Peak Number 12 unknown11.55 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.95 ng	401785	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	43
2	1H-Benzimidazole, 3-oxide	134	C7H6N2O	018916-43-3	38
3	3-Methyl-2-butenoic acid, 3-phen...	218	C14H18O2	056500-48-2	35
4	Benzylcyclobutane	146	C11H14	005244-88-2	27
5	2,6-Pyridinedicarboxylic acid, h...	369	C22H27NO4	1000369-23-6	27





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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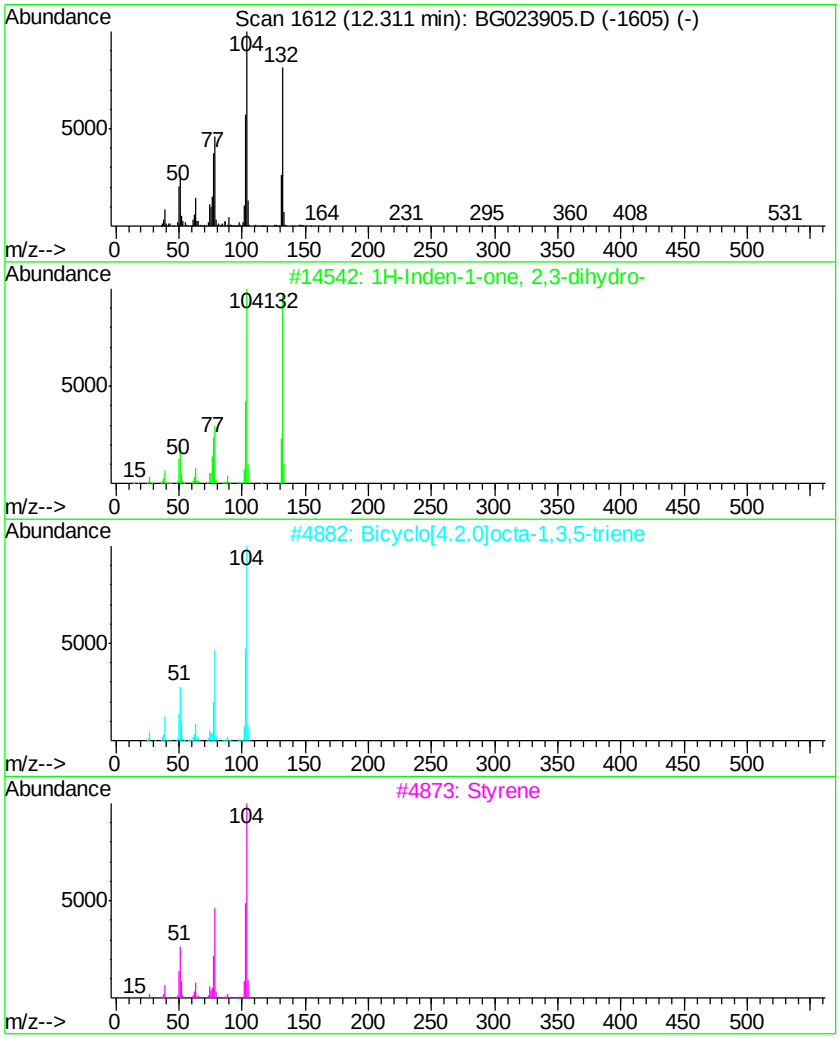
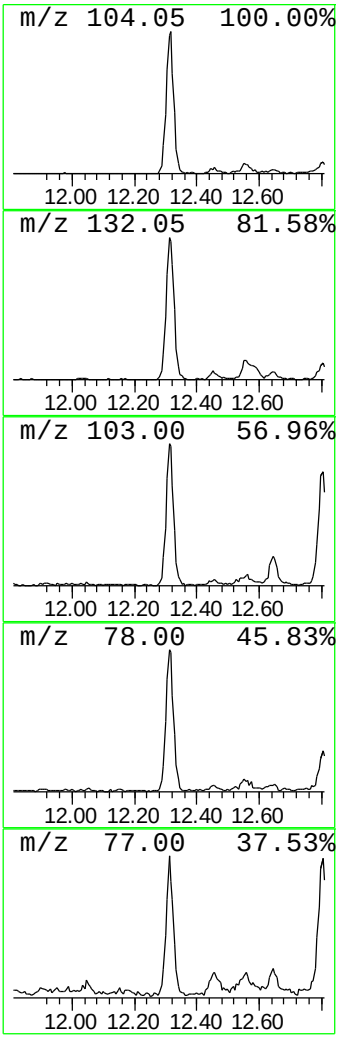
Peak Number 13 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	16.68 ng	964035	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	64
3	Styrene	104	C8H8	000100-42-5	64
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	62
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	52





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Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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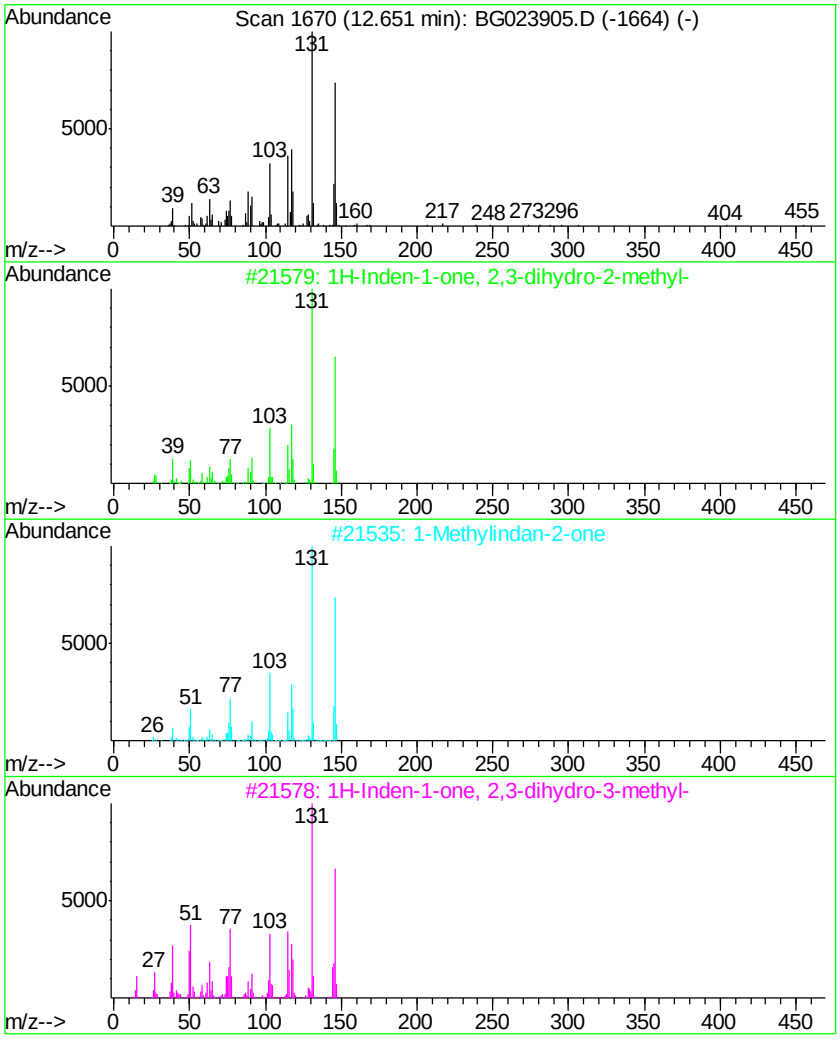
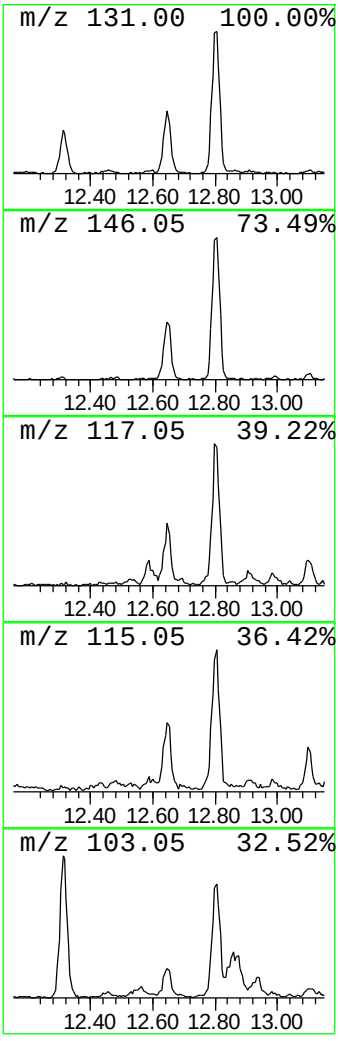
Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.41 ng	312745	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	93
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	81
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64
4	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	53
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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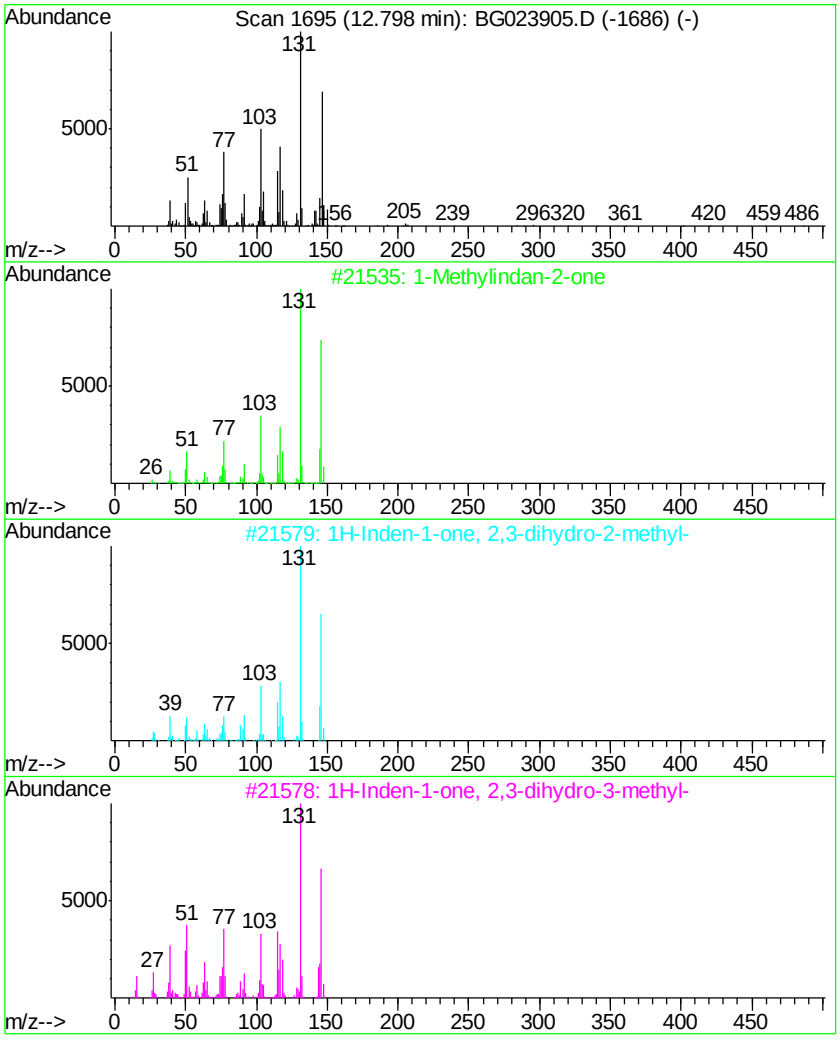
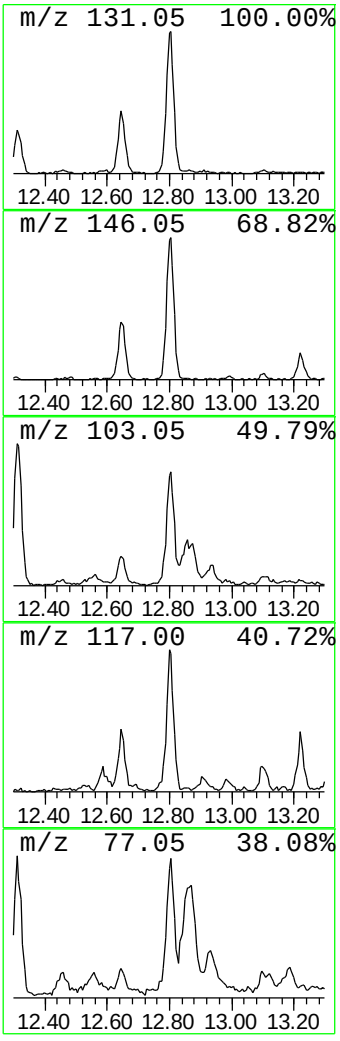
Peak Number 15 1-Methylindan-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	21.26 ng	1229010	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	94
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52





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Instrument : BNA_G
ClientSampleId : MW-7R

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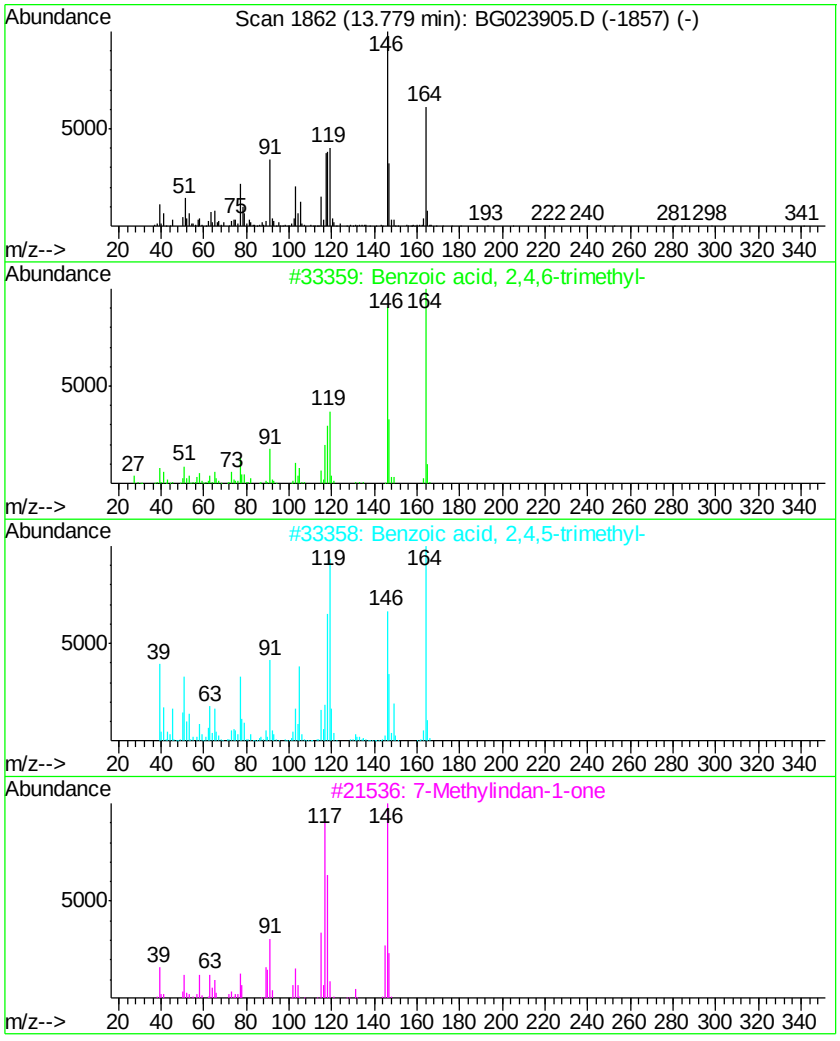
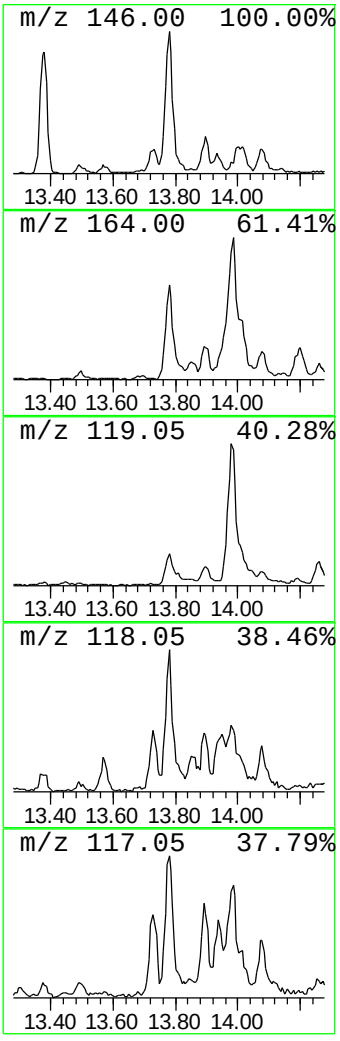
Peak Number 16 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	10.38 ng	931877	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	91
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	49
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	43
4	1H-Indole, 2,3-dihydro-5-nitro-	164	C8H8N2O2	032692-19-6	27
5	2-Hydroxy-1,7-naphthyridine	146	C8H6N2O	054920-82-0	25





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ClientSampleId : MW-7R

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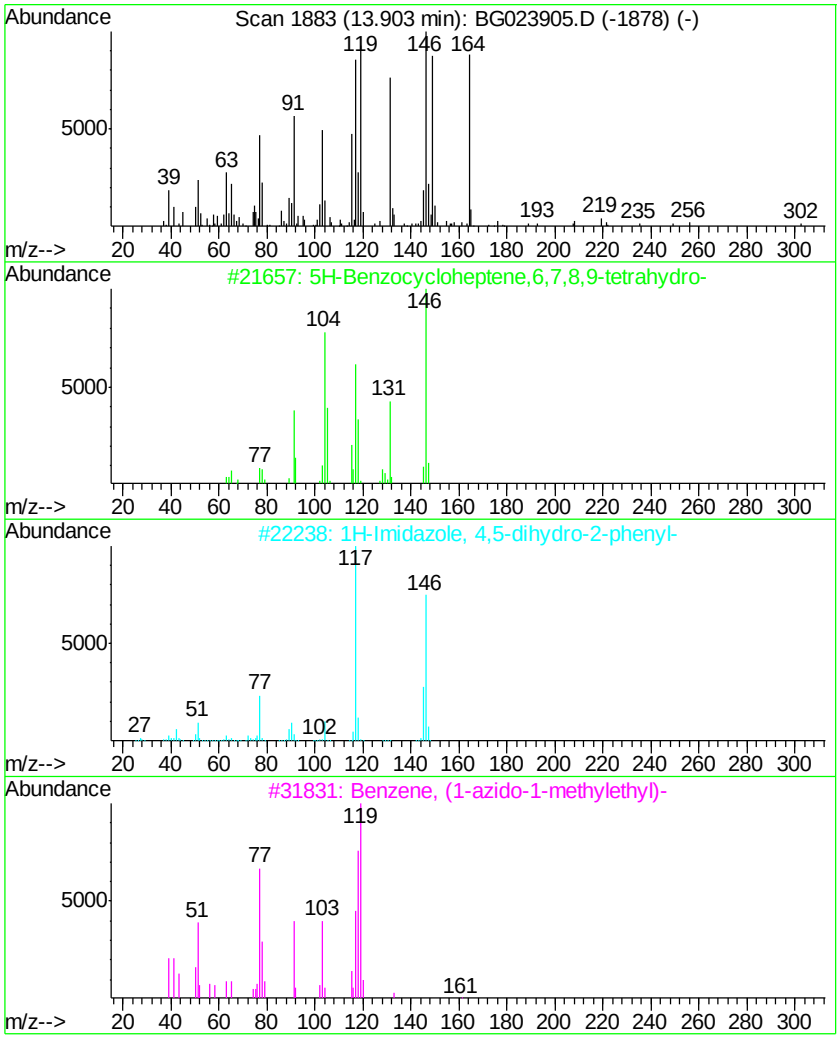
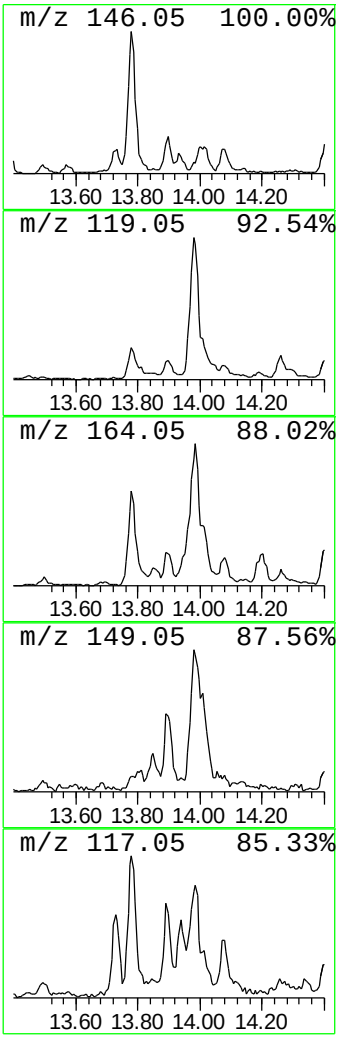
Peak Number 17 5H-Benzocycloheptene,6,7,8,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.65 ng	417053	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	55
2	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	42
3	Benzene, (1-azido-1-methylethyl)-	161	C9H11N3	032366-26-0	30
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	30
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	30





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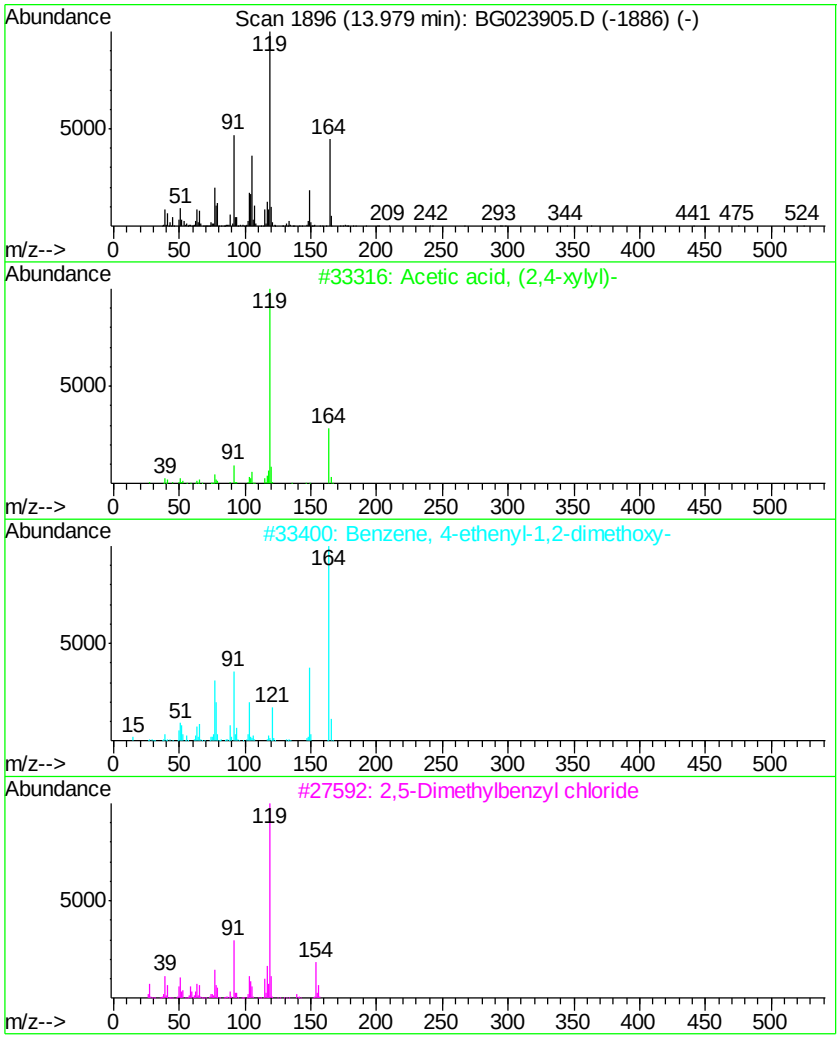
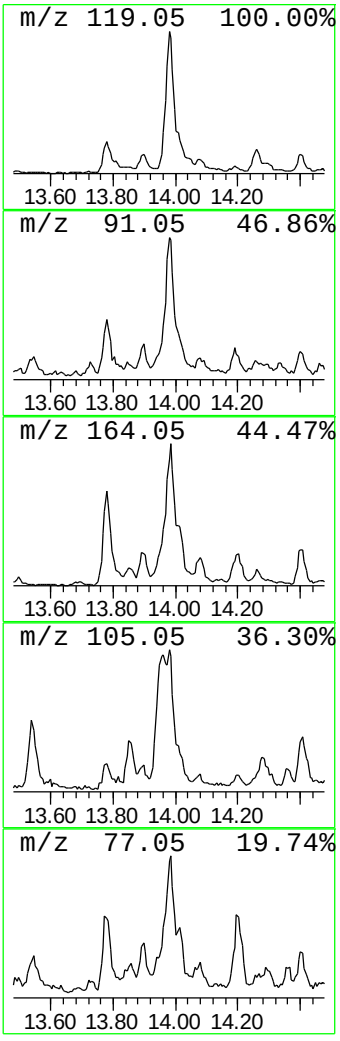
Peak Number 18 Acetic acid, (2,4-xylyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	25.26 ng	2267400	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	59
2	Benzene, 4-ethenyl-1,2-dimethoxy-	164	C10H12O2	006380-23-0	38
3	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	38
4	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	38
5	Phenol, 2-methoxy-4-(1-propenyl)-	164	C10H12O2	000097-54-1	35





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Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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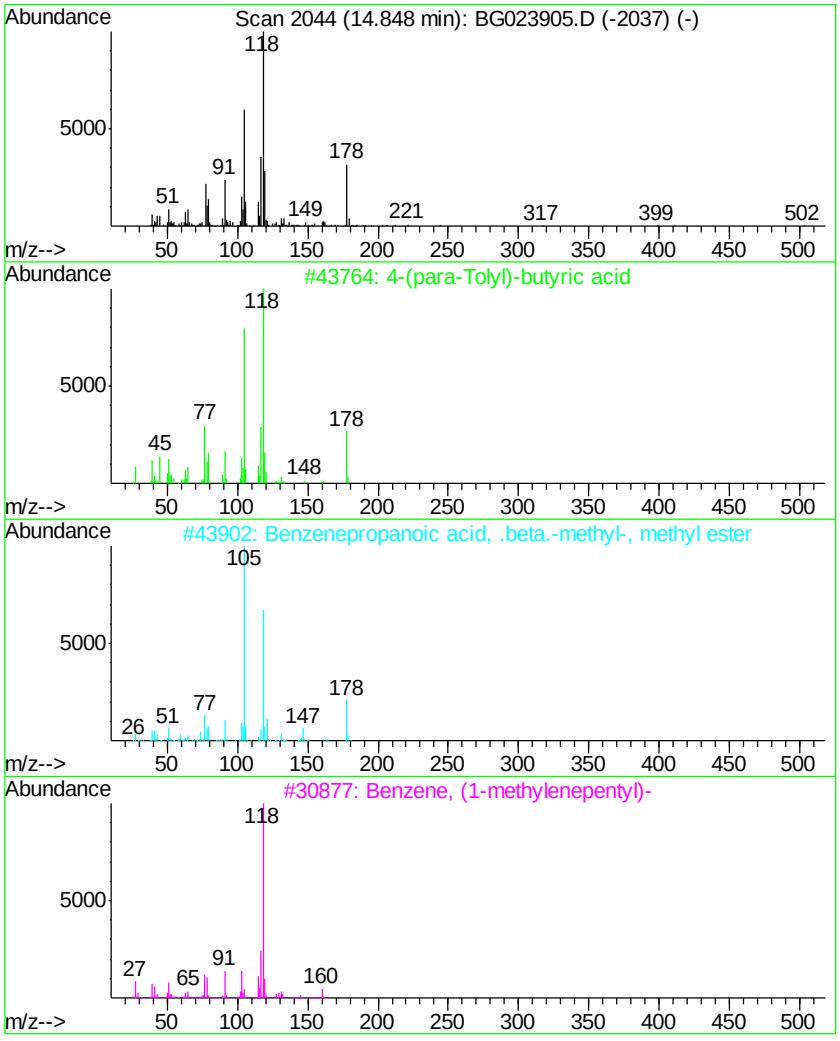
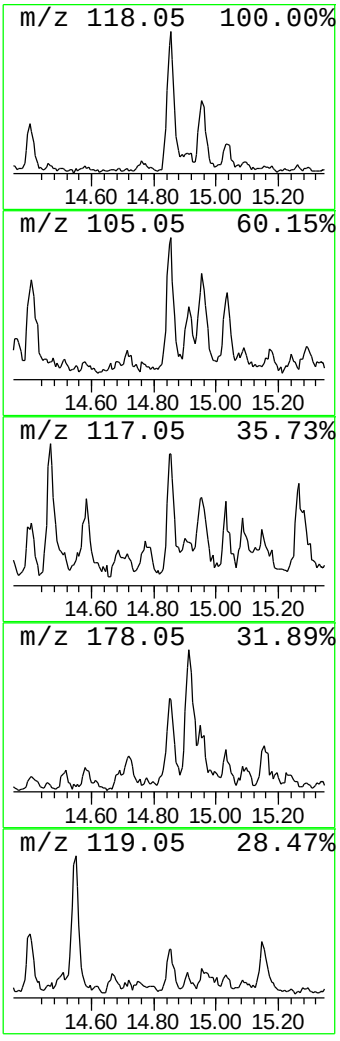
Peak Number 19 4-(para-Tolyl)-butyric acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	5.14 ng	461382	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(para-Tolyl)-butyric acid	178	C11H14O2	004521-22-6	83
2	Benzenepropanoic acid, .beta.-me...	178	C11H14O2	003461-39-0	74
3	Benzene, (1-methylenepentyl)-	160	C12H16	020826-80-6	62
4	1,3-Propanediol, 2-methyl-1-phen...	256	C17H20O2	1000153-76-8	53
5	1,3-Propanediol, 2-methyl-2-phenyl-	166	C10H14O2	024765-53-5	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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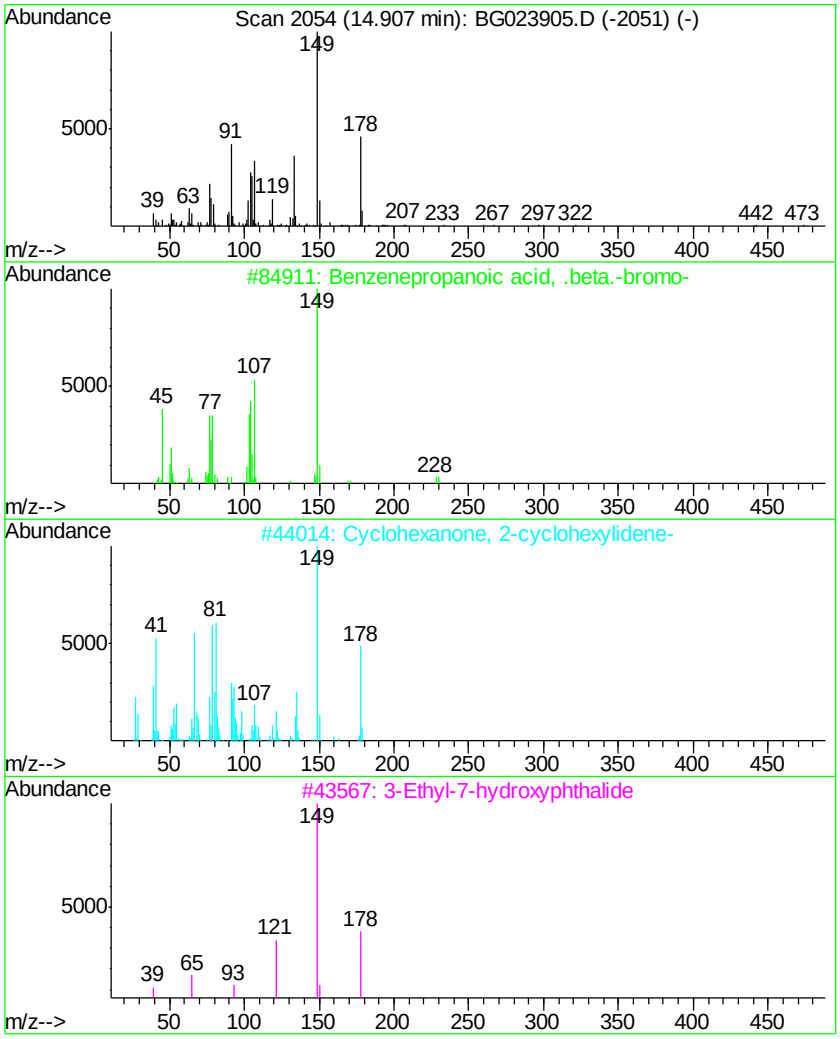
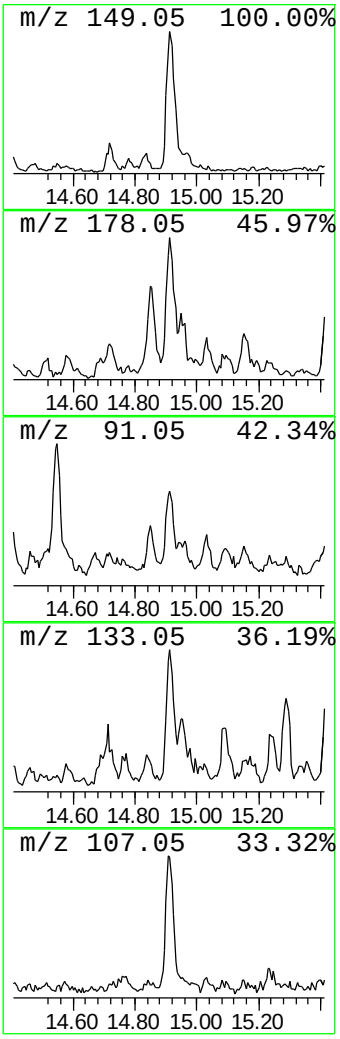
Peak Number 20 unknown14.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.04 ng	452102	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .beta.-br...	228	C9H9BrO2	015463-91-9	47
2	Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	47
3	3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	46
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	38
5	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
Data File : BG023905.D
Acq On : 25 Aug 2016 22:20
Operator : UM/SJ
Sample : H4592-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-7R

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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
2-Butanol, 2,3-di...	3.74	5.4	ng	222810	1	8.09	827892	20.0
unknown5.16	5.16	7.4	ng	306455	1	8.09	827892	20.0
Benzene, 1-ethyl-...	7.46	13.9	ng	575629	1	8.09	827892	20.0
unknown7.62	7.62	78.1	ng	3233540	1	8.09	827892	20.0
unknown8.36	8.36	16.7	ng	689457	1	8.09	827892	20.0
Indane	8.46	11.3	ng	466406	1	8.09	827892	20.0
unknown9.03	9.03	4.8	ng	198357	1	8.09	827892	20.0
unknown9.14	9.14	4.8	ng	197811	1	8.09	827892	20.0
Benzene, 2-ethyl-...	9.20	5.2	ng	213142	1	8.09	827892	20.0
4-Methylphenyl ac...	11.48	5.5	ng	315887	2	10.92	1155990	20.0
unknown11.55	11.55	7.0	ng	401785	2	10.92	1155990	20.0
1H-Inden-1-one, 2...	12.31	16.7	ng	964035	2	10.92	1155990	20.0
1H-Inden-1-one, 2...	12.65	5.4	ng	312745	2	10.92	1155990	20.0
1-Methylindan-2-one	12.80	21.3	ng	1229010	2	10.92	1155990	20.0
Benzoic acid, 2,4...	13.78	10.4	ng	931877	3	14.77	1795140	20.0
5H-Benzocyclohept...	13.90	4.7	ng	417053	3	14.77	1795140	20.0
Acetic acid, (2,4...	13.98	25.3	ng	2267400	3	14.77	1795140	20.0
4-(para-Tolyl)-bu...	14.85	5.1	ng	461382	3	14.77	1795140	20.0
unknown14.91	14.91	5.0	ng	452102	3	14.77	1795140	20.0