LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

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-BG070816.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	3.813	159	166	174	rVB	406057	610792	6.38%	0.796%
2	4.612	293	302	312	rVB5	53200	111037	1.16%	0.145%
3	4.765	322	328	336	rVB3	65597	116383	1.21%	0.152%
4	5.217	399	405	409	rBV	149813	249084	2.60%	0.325%
5	5.264	409	413	417	rVV	92814	154074	1.61%	0.201%
6	5.317	417	422	429	rVB	160255	271219	2.83%	0.353%
7	5.558	458	463	468	rVB3	66364	108304	1.13%	0.141%
8	5.699	478	487	497	rVB	1073323	1830535	19.11%	2.385%
9	6.404	597	607	619	rBV2	206057	447160	4.67%	0.583%
10	6.639	635	647	658	rBV6	81091	290403	3.03%	0.378%
11	7.121	723	729	733	rBV7	58316	110792	1.16%	0.144%
12	7.309	751	761	766	rBV2	871003	1938845	20.24%	2.526%
13	7.356	766	769	776	rVB	314964	526440	5.50%	0.686%
14	7.532	793	799	805	rBV	340489	613717	6.41%	0.800%
15	7.685	817	825	832	rBV	1979402	3456483	36.08%	4.503%
16	7.885	851	859	866	rVB9	58730	130127	1.36%	0.170%
17	8.108	891	897	898	rBV4	77759	116783	1.22%	0.152%
18	8.155	899	905	916	rVV2	401317	983881	10.27%	1.282%
19	8.261	916	923	933	rVB2	421667	798073	8.33%	1.040%
20	8.431	948	952	954	rBV4	69900	105021	1.10%	0.137%
21	8.478	954	960	969	rVB	1462460	2663076	27.80%	3.470%
22	8.643	984	988	992	rVB2	85678	130596	1.36%	0.170%
23	8.701	993	998	1007	rVB3	92198	184275	1.92%	0.240%
24	8.790	1007	1013	1031	rBV5	231340	744669	7.77%	0.970%
25	8.954	1036	1041	1046	rBV	176747	286936	3.00%	0.374%
26	9.048	1050	1057	1061	rBV3	114746	232699	2.43%	0.303%
27	9.083	1061	1063	1071	rVB5	100190	177045	1.85%	0.231%
28	9.207	1071	1084	1089	rBV4	387066	1104671	11.53%	1.439%
29	9.260	1089	1093	1098	rVB2	208466	328518	3.43%	0.428%
30	9.324	1098	1104	1118	rVB	1617994	3117135	32.54%	4.061%
31	9.500	1126	1134	1144	rVB10	141623	396814	4.14%	0.517%
32	9.600	1144	1151	1156	rBV4	172258	378354	3.95%	0.493%
33	9.747	1168	1176	1179	rBV8	64496	135008	1.41%	0.176%
34	9.794	1179	1184	1189	rVB4	192456	310272	3.24%	0.404%

LSC Area Percent Report

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Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.853	1189	1194	1197	rBV	148990	295965	3.09%	0.386%
36	9.965	1208	1213	1216	rBV5	96666	163813	1.71%	0.213%
37	10.035	1220	1225	1231	rBV8	48244	117375	1.23%	0.153%
38	10.164	1242	1247	1252	rBV5	132022	252957	2.64%	0.330%
39	10.370	1266	1282	1289	rBV3	391527	1015858	10.60%	1.323%
40	10.511	1302	1306	1310	rBV5	74596	110237	1.15%	0.144%
41	10.564	1311	1315	1320	rVB5	95507	168385	1.76%	0.219%
42	10.681	1327	1335	1336	rBV4	167417	359852	3.76%	0.469%
43	10.740	1343	1345	1354	rVB8	85461	177320	1.85%	0.231%
44	10.846	1355	1363	1366	rBV6	126335	335375	3.50%	0.437%
45	10.887	1366	1370	1376	rVB4	120135	241332	2.52%	0.314%
46	10.981	1376	1386	1392	rBV	720650	1567320	16.36%	2.042%
47	11.093	1400	1405	1415	rVB7	143587	375053	3.91%	0.489%
48	11.263	1429	1434	1443	rVB7	64051	180767	1.89%	0.236%
49	11.345	1443	1448	1450	rBV4	111629	190813	1.99%	0.249%
50	11.386	1450	1455	1457	rBV5	155310	237619	2.48%	0.310%
51	11.592	1482	1490	1501	rBV2	413089	816842	8.53%	1.064%
52	11.786	1517	1523	1527	rBV7	94059	221614	2.31%	0.289%
53	11.839	1527	1532	1536	rVV6	176484	347487	3.63%	0.453%
54	12.039	1563	1566	1570	rVV6	79569	127809	1.33%	0.167%
55	12.086	1571	1574	1582	rVB7	164652	362240	3.78%	0.472%
56	12.227	1590	1598	1602	rBV7	199862	534118	5.58%	0.696%
57	12.268	1602	1605	1617	rVB9	166016	431796	4.51%	0.563%
58	12.532	1642	1650	1654	rBV7	273679	705982	7.37%	0.920%
59	12.603	1659	1662	1665	rBV4	98999	137874	1.44%	0.180%
60	12.667	1670	1673	1678	rVB4	167345	228801	2.39%	0.298%
61	12.779	1688	1692	1694	rBV3	178854	263124	2.75%	0.343%
62	12.820	1694	1699	1700	rVV4	298865	530644	5.54%	0.691%
63	12.844	1700	1703	1707	rVV2	429077	648749	6.77%	0.845%
64	12.896	1708	1712	1716	rVV4	253087	484470	5.06%	0.631%
65	12.943	1716	1720	1726	rVB4	306573	564997	5.90%	0.736%
66	13.108	1742	1748	1751	rBV6	210554	461546	4.82%	0.601%
67	13.261	1770	1774	1778	rBV5	112068	149539	1.56%	0.195%
68	13.337	1784	1787	1792	rVB3	302106	490329	5.12%	0.639%
69	13.419	1794	1801	1807	rVB	4435009	7127549	74.40%	9.286%
70	13.478	1808	1811	1817	rVB8	109894	196096	2.05%	0.255%
71	13.537	1817	1821	1824	rBV5	180720	292049	3.05%	0.380%

LSC Area Percent Report

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Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.619	1831	1835	1840	rBV6	140977	243067	2.54%	0.317%
73	13.766	1856	1860	1864	rBV6	119276	193680	2.02%	0.252%
74	13.813	1864	1868	1875	rVB6	240833	411753	4.30%	0.536%
75	13.872	1875	1878	1882	rBV5	98716	164643	1.72%	0.215%
76	13.925	1883	1887	1890	rBV5	173817	250058	2.61%	0.326%
77	13.966	1891	1894	1898	rVV3	198021	234377	2.45%	0.305%
78	14.107	1910	1918	1925	rBV9	214684	555380	5.80%	0.724%
79	14.242	1938	1941	1947	rVB	233761	356980	3.73%	0.465%
80	14.495	1980	1984	1989	rBV5	170487	322224	3.36%	0.420%
81	14.612	2000	2004	2010	rVB6	158173	299852	3.13%	0.391%
82	14.800	2030	2036	2045	rVB4	1291591	2551993	26.64%	3.325%
83	14.888	2047	2051	2055	rBV4	289358	406422	4.24%	0.529%
84	15.276	2112	2117	2121	rBV5	226808	407043	4.25%	0.530%
85	15.417	2137	2141	2143	rBV3	247205	337430	3.52%	0.440%
86	15.493	2152	2154	2161	rVB7	131145	229743	2.40%	0.299%
87	15.558	2161	2165	2171	rVB7	122918	240974	2.52%	0.314%
88	15.840	2208	2213	2216	rBV7	99952	180863	1.89%	0.236%
89	16.063	2248	2251	2255	rVB6	98411	120786	1.26%	0.157%
90	16.228	2276	2279	2283	rVB3	168699	234467	2.45%	0.305%
91	16.298	2284	2291	2302	rVV	4049166	6570284	68.58%	8.560%
92	17.285	2455	2459	2464	rBV8	134984	181316	1.89%	0.236%
93	17.332	2464	2467	2472	rVB5	128398	221433	2.31%	0.288%
94	17.556	2500	2505	2514	rVB	1438338	2196508	22.93%	2.862%
95	18.343	2636	2639	2644	rBV5	88621	129460	1.35%	0.169%
96	18.431	2650	2654	2659	rBV	561826	763529	7.97%	0.995%
97	19.694	2865	2869	2874	rBV2	554241	696765	7.27%	0.908%
98	20.164	2943	2949	2956	rBV	7360476	9580173	100.00%	12.481%
99	21.868	3233	3239	3246	rVB2	1343506	2309691	24.11%	3.009%
100	25.258	3806	3816	3827	rVB2	722726	2292720	23.93%	2.987%

Sum of corrected areas: 76756531

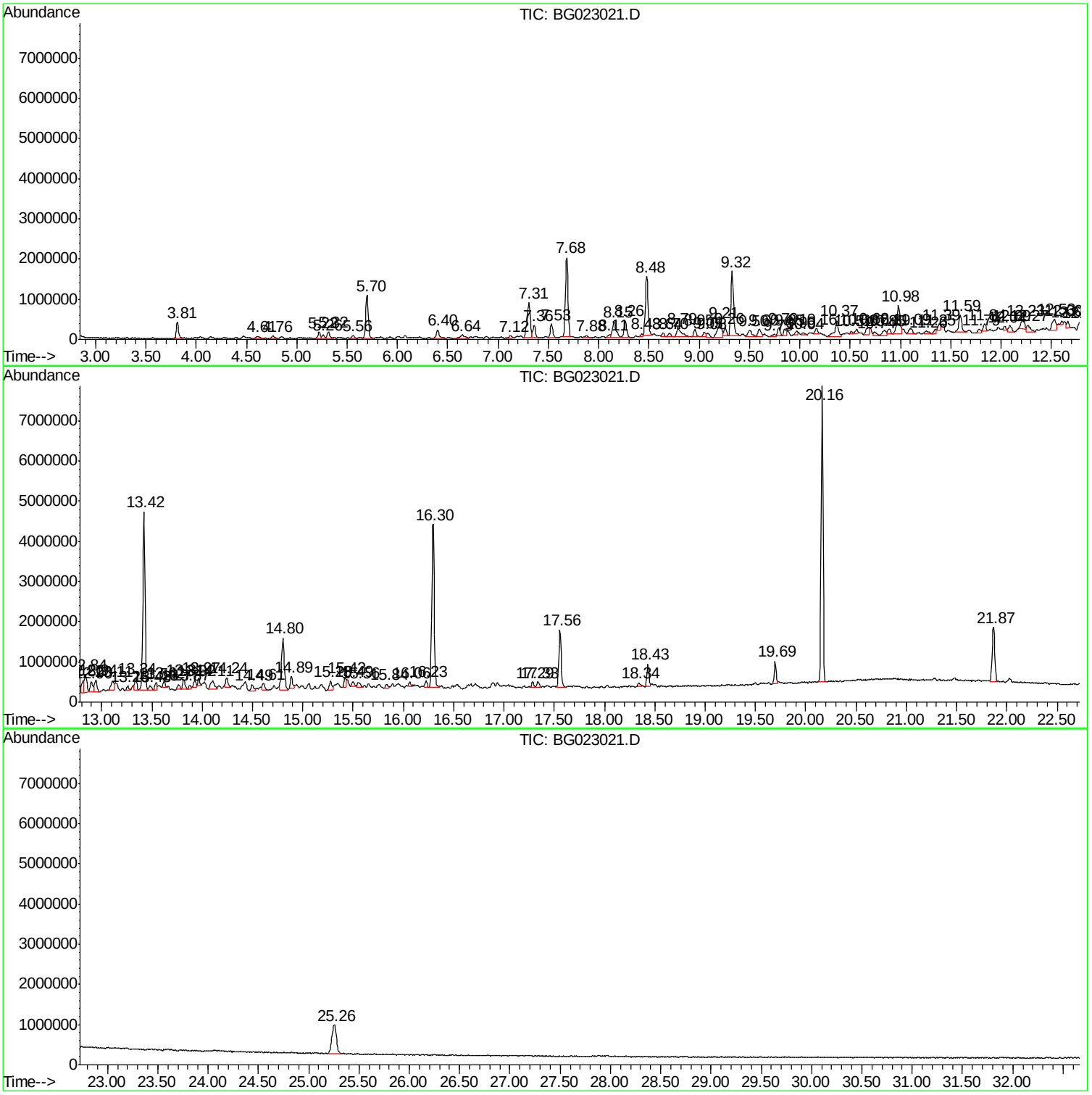
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

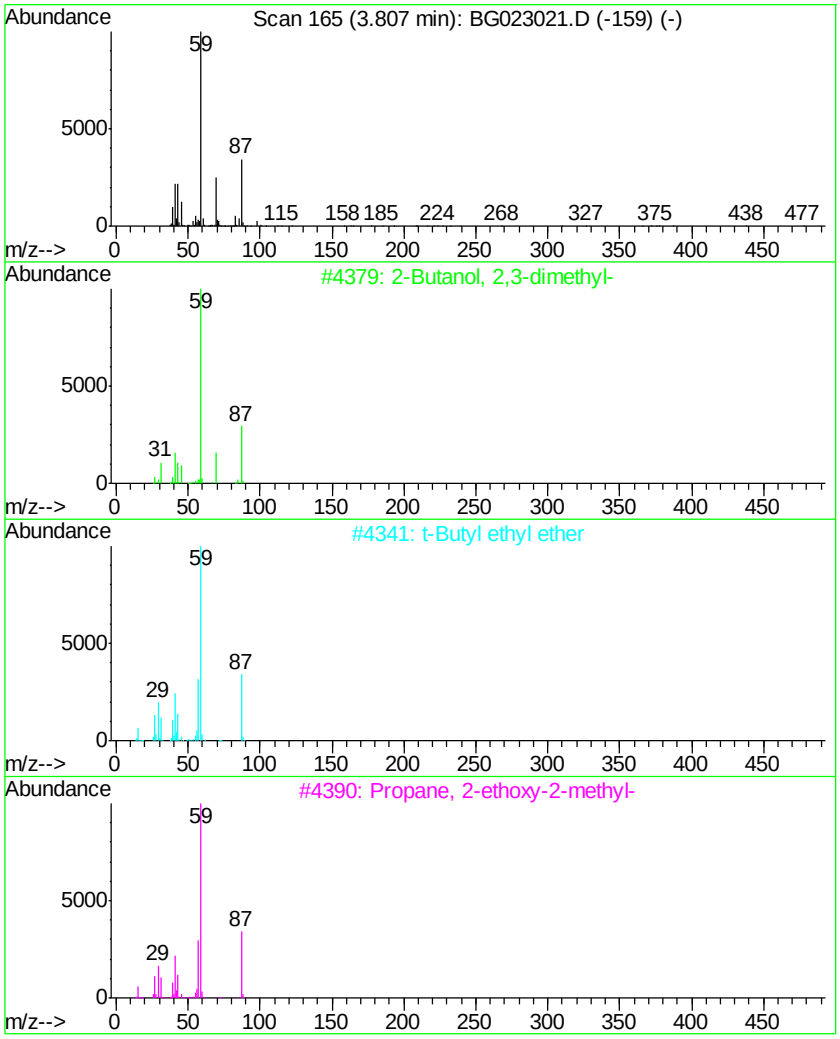
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

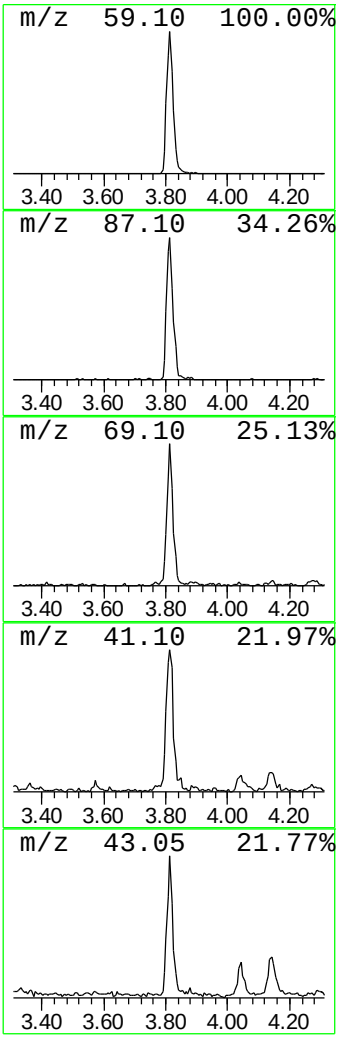
****

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	12.42 ng	610792	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	64
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

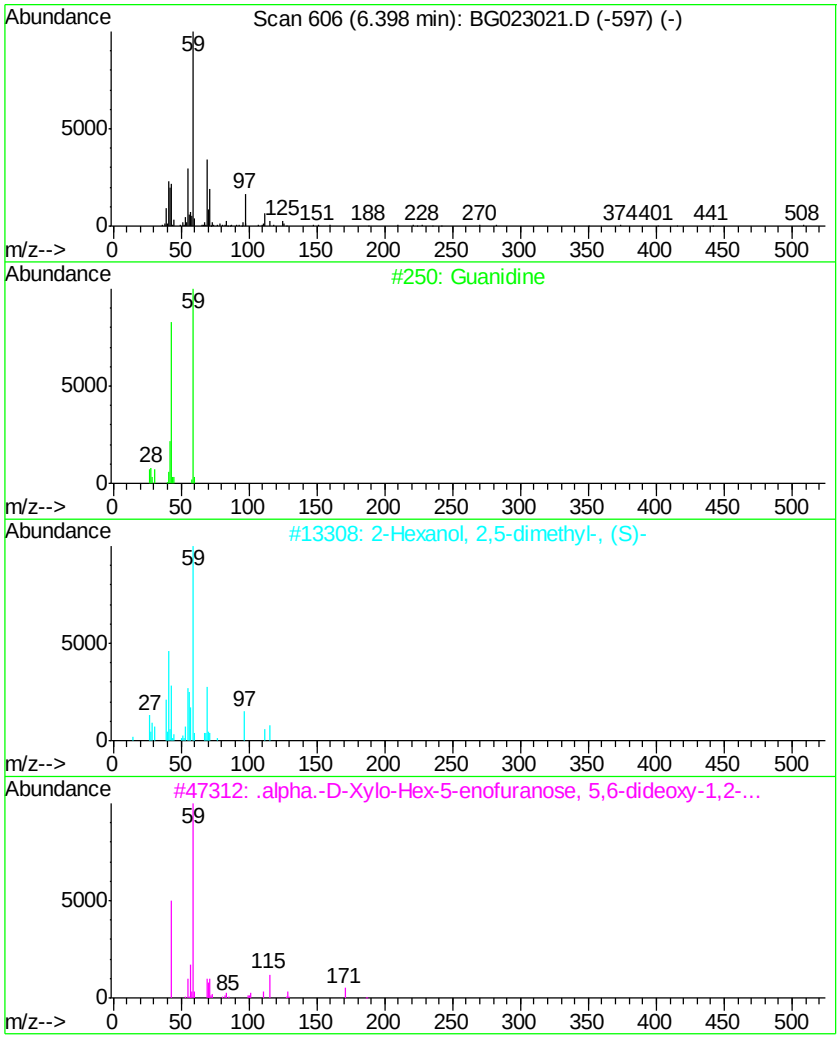
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

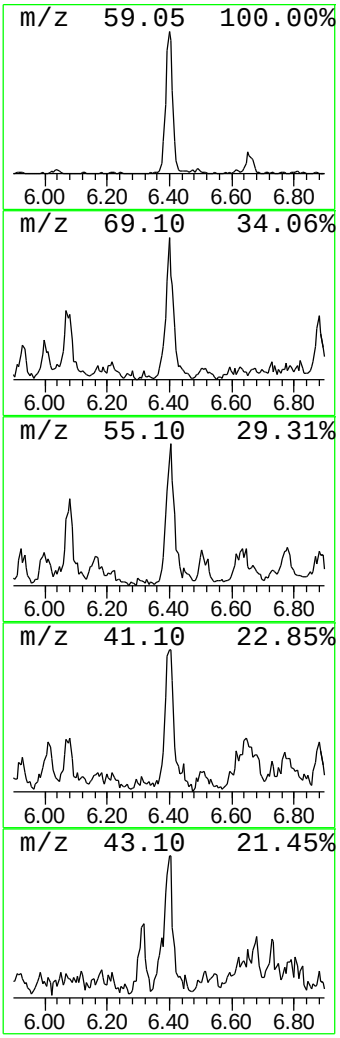
****

Peak Number 2 Guanidine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	9.09 ng	447160	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	50
2	2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	45
3	.alpha.-D-Xylo-Hex-5-enofuranose...	186	C9H14O4	007284-07-3	45
4	Hydrazine, (1-methylethyl)-	74	C3H10N2	002257-52-5	40
5	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
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Acq On : 12 Jul 2016 4:38
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Sample : H3967-08
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

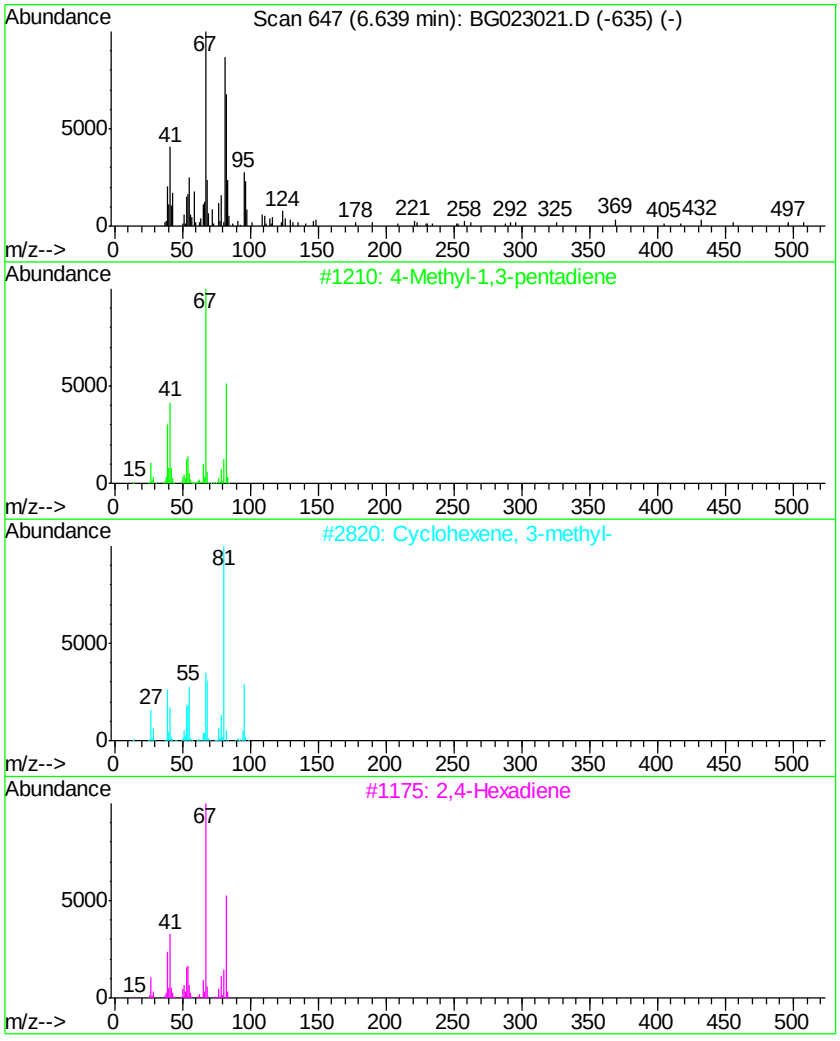
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

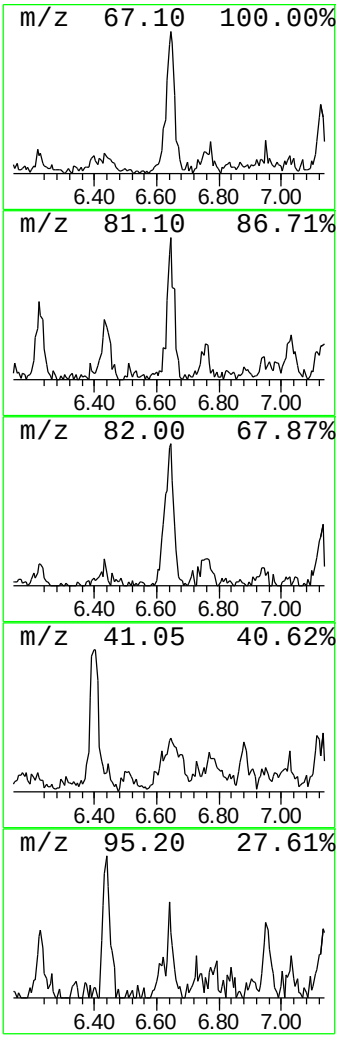
****

Peak Number 3 unknown6.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	5.90 ng	290403	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	45
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
3	2,4-Hexadiene	82	C6H10	000592-46-1	43
4	1,4-Hexadiene	82	C6H10	000592-45-0	43
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

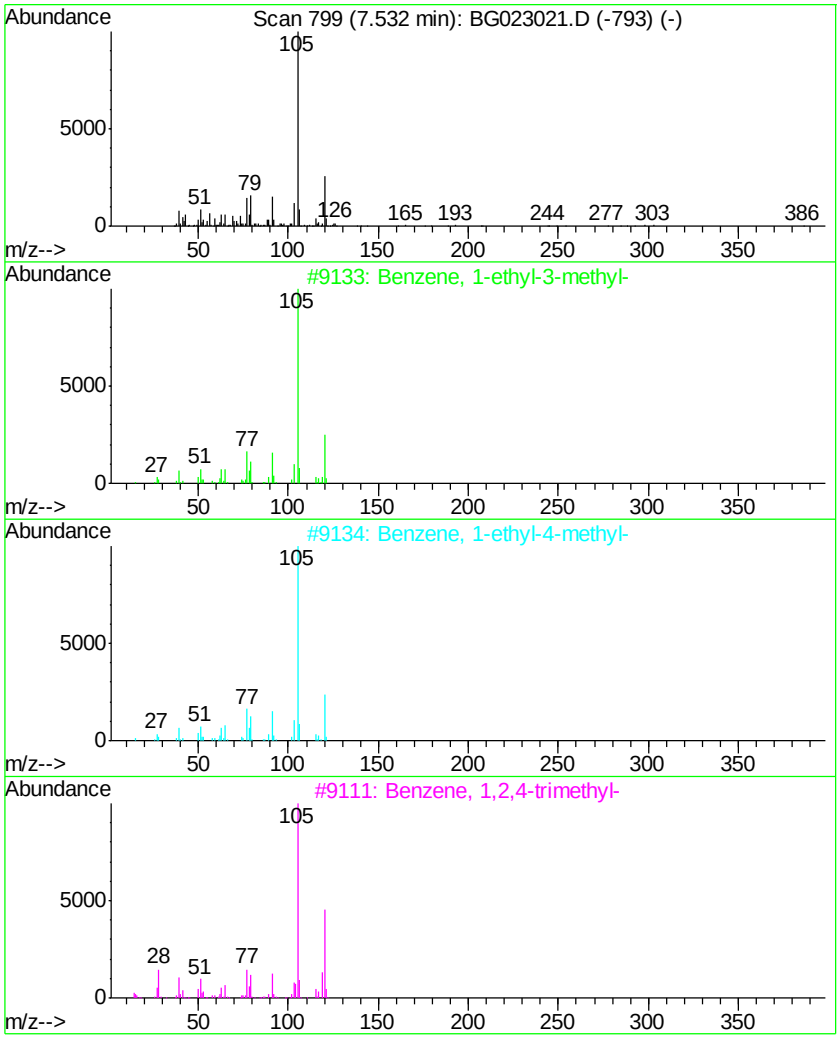
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

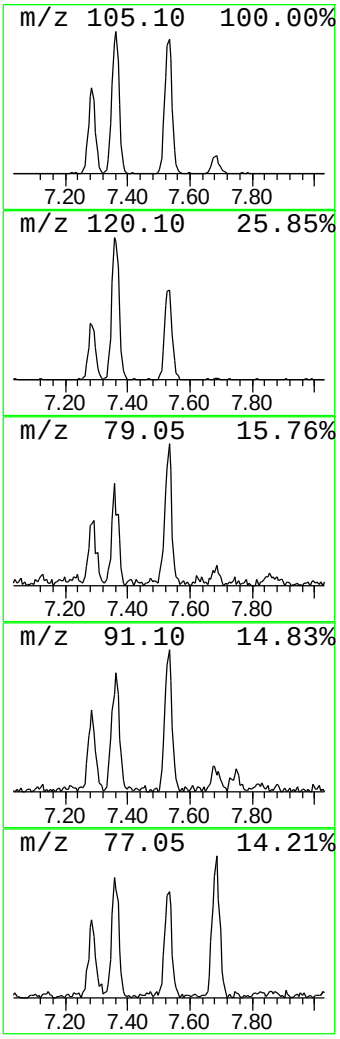
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	12.48 ng	613717	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

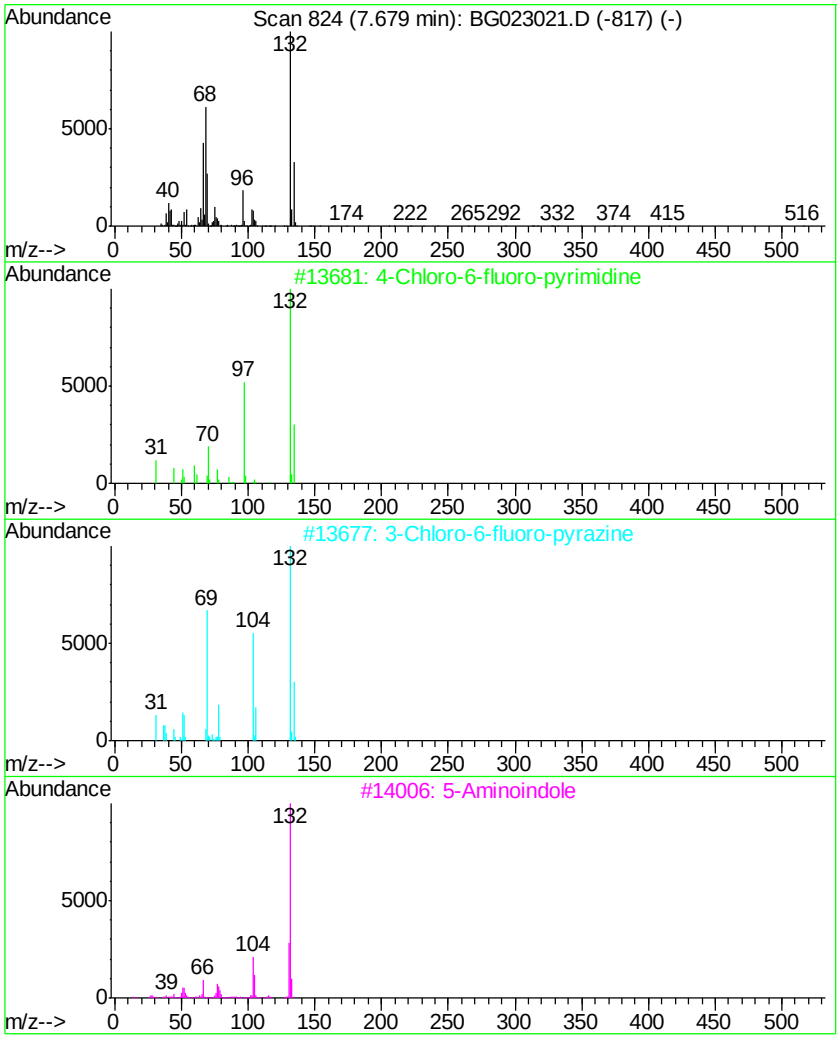
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

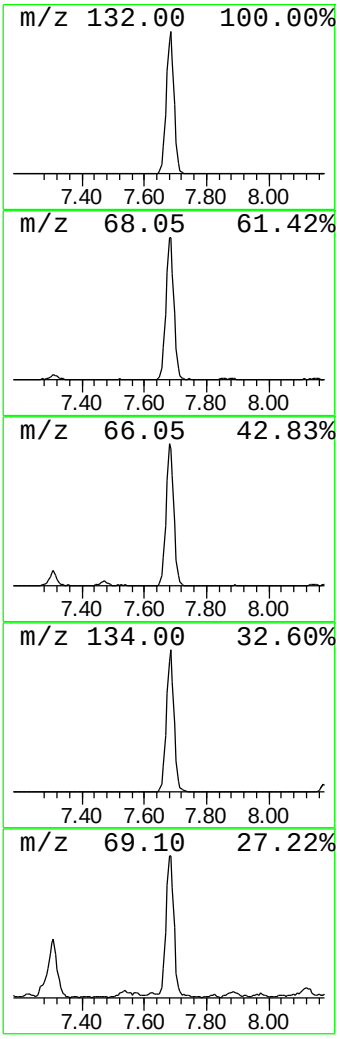
****

Peak Number 5 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	70.26 ng	3456480	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	5-Aminoindole	132	C8H8N2	005192-03-0	14
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10





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Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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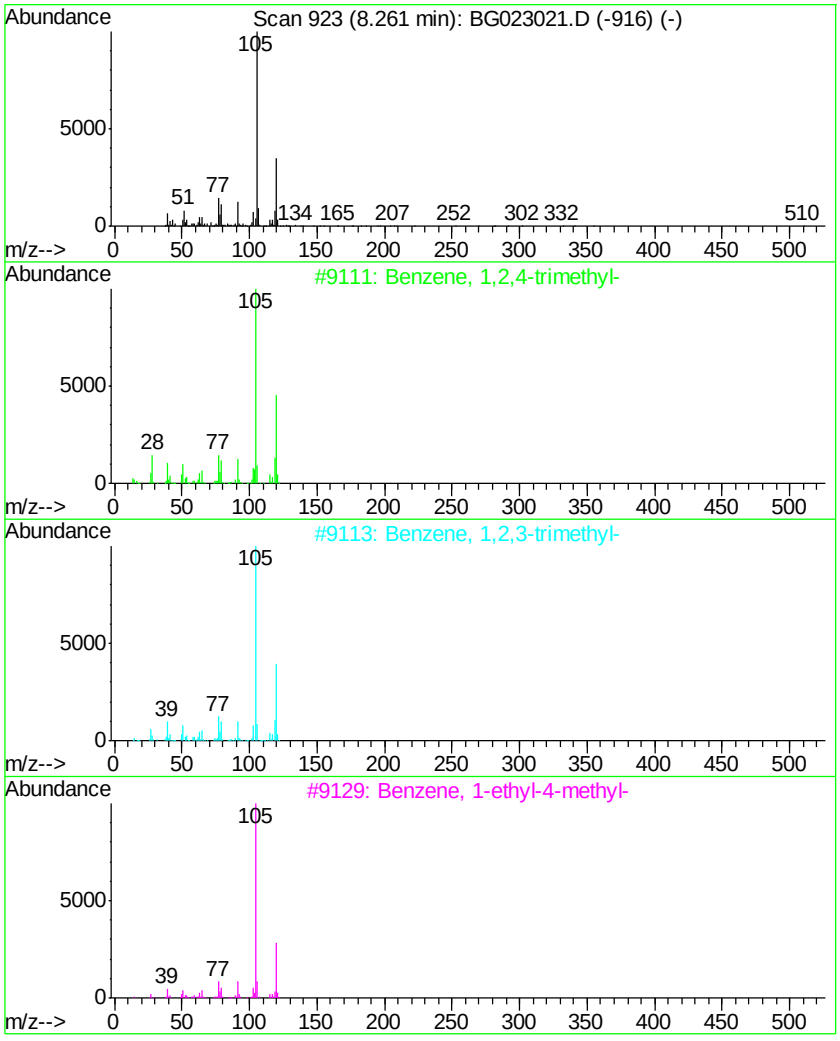
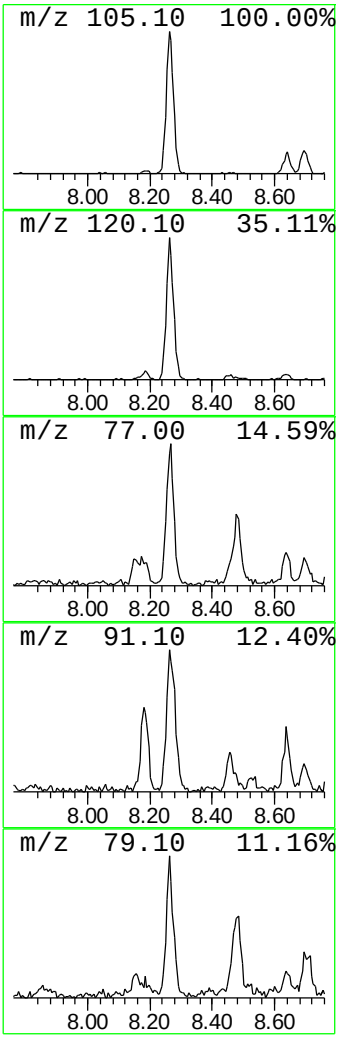
Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	16.22 ng	798073	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

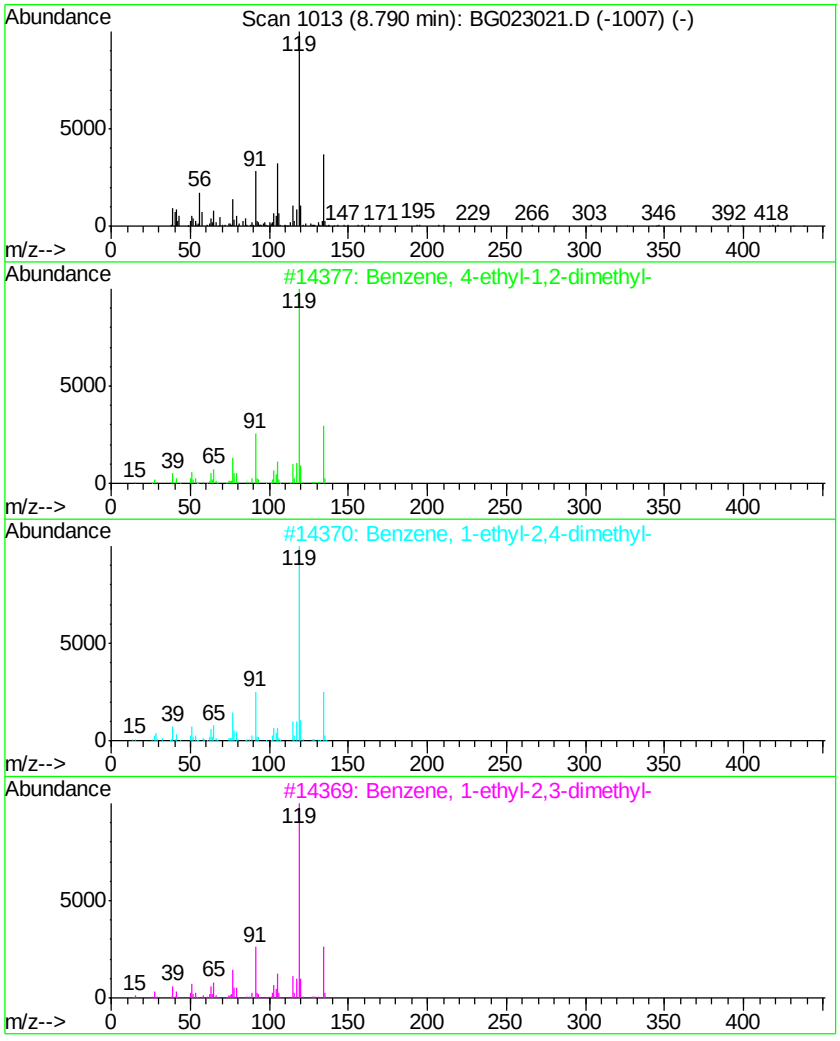
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

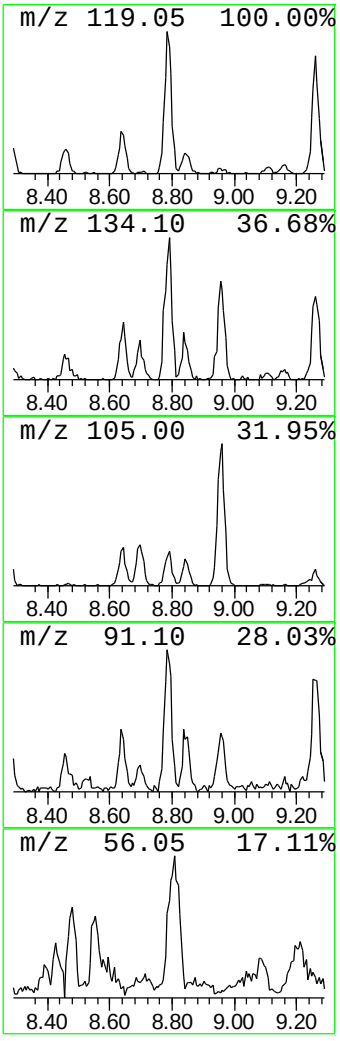
****

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	15.14 ng	744669	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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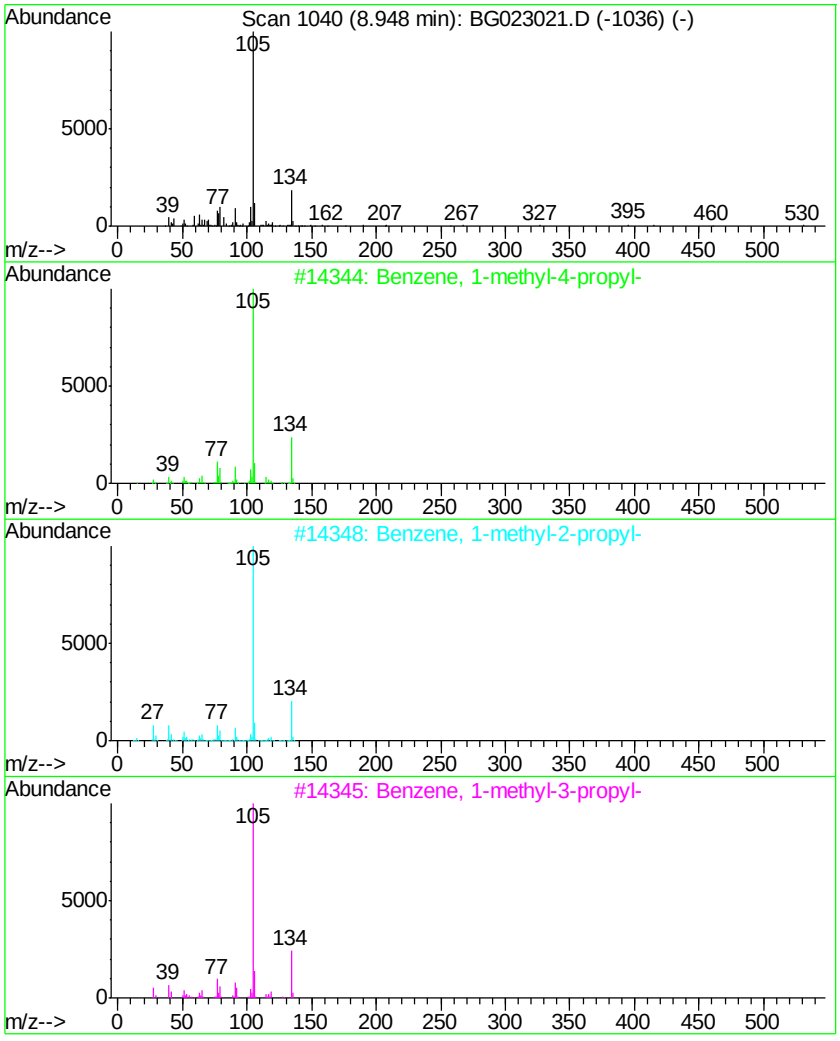
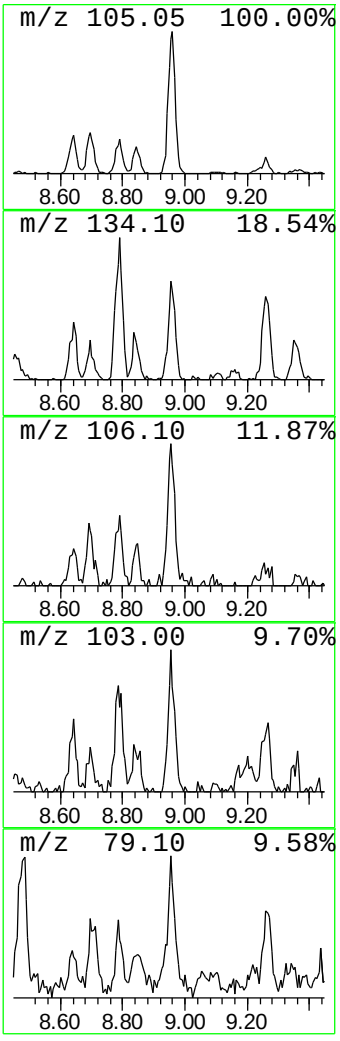
Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.83 ng	286936	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87





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Sample : H3967-08
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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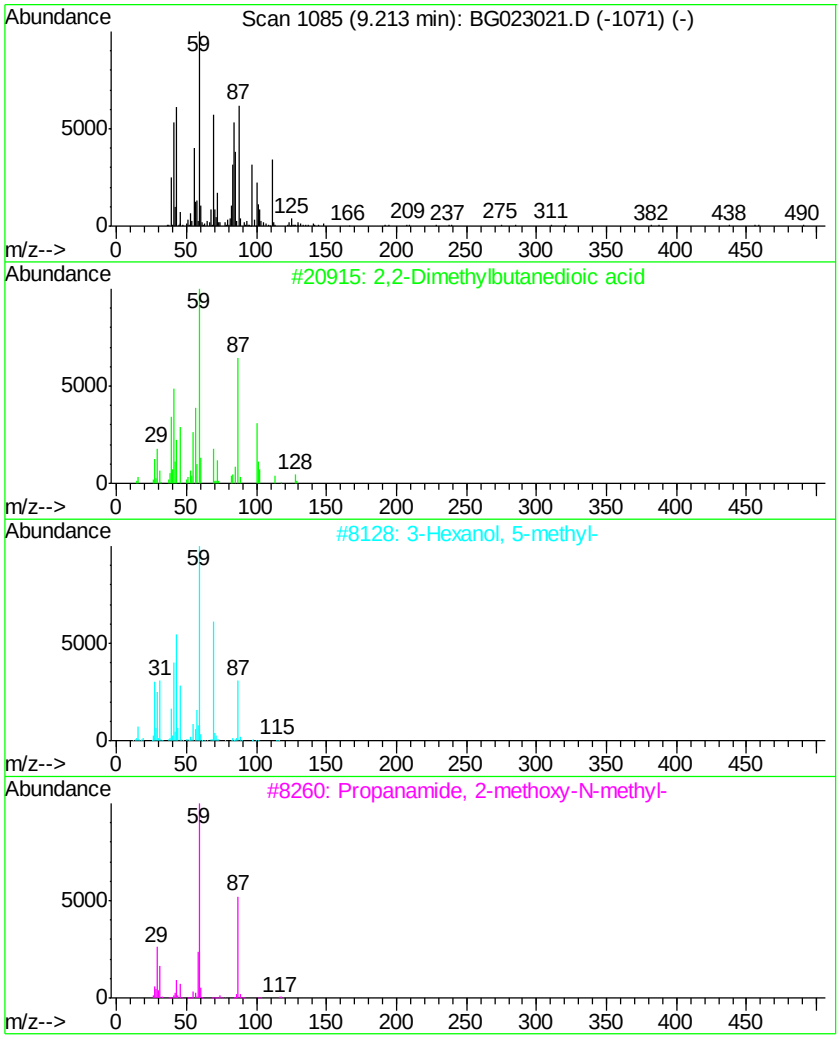
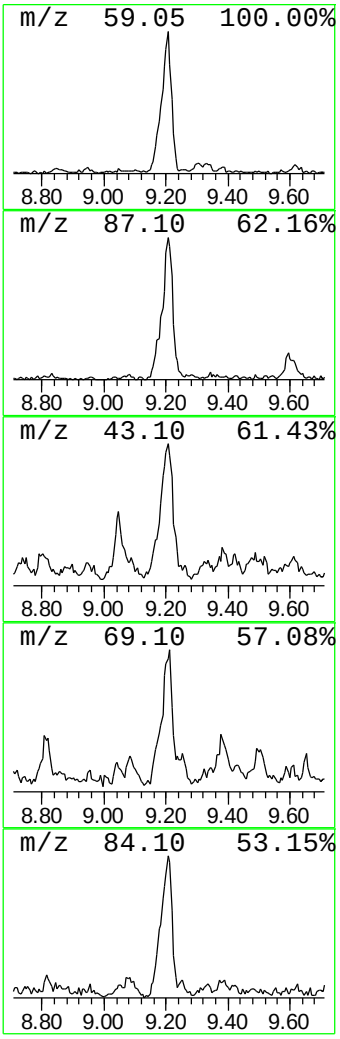
Peak Number 10 unknown9.21 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	22.46 ng	1104670	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	38
2	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	38
3	Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	38
4	Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	37
5	3-Heptanol	116	C7H16O	000589-82-2	37





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Instrument : BNA_G
ClientSampleId : S22-0010

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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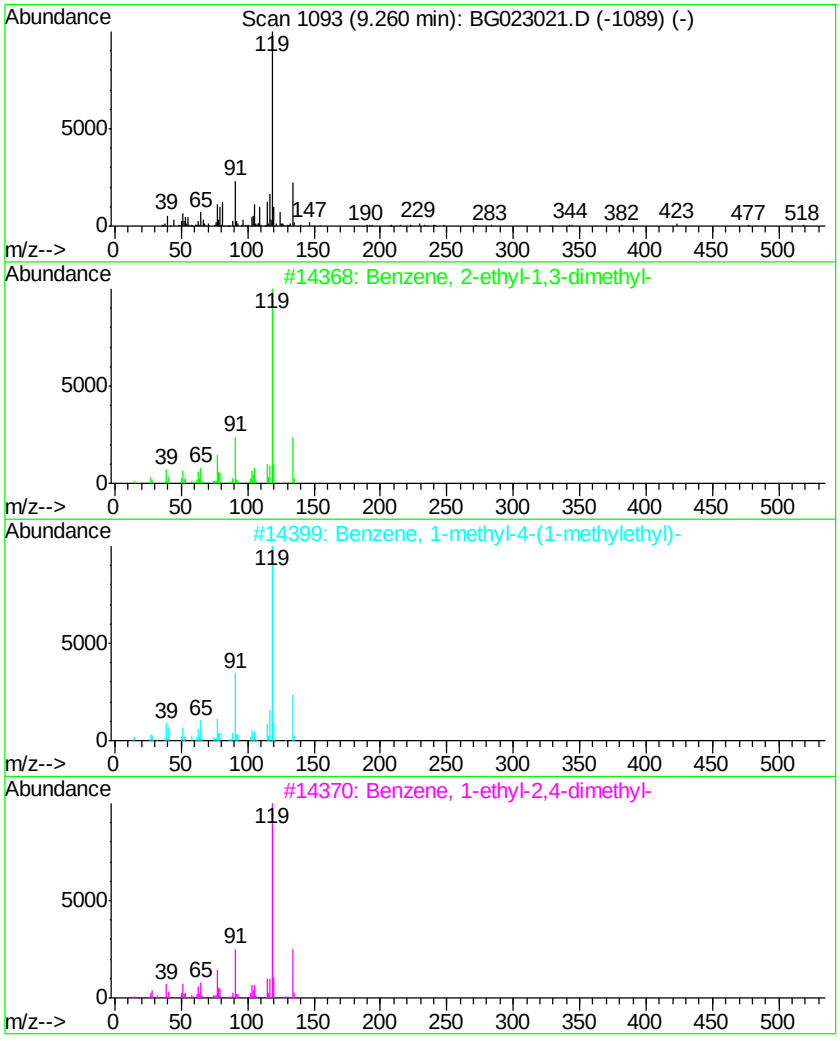
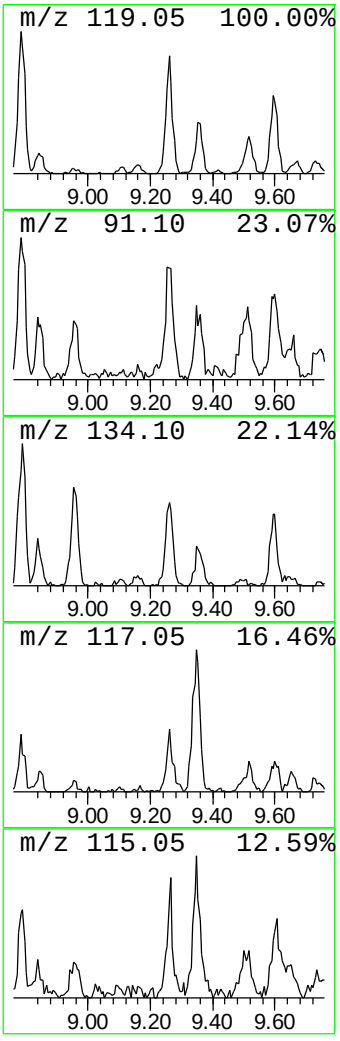
Peak Number 11 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	6.68 ng	328518	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83





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Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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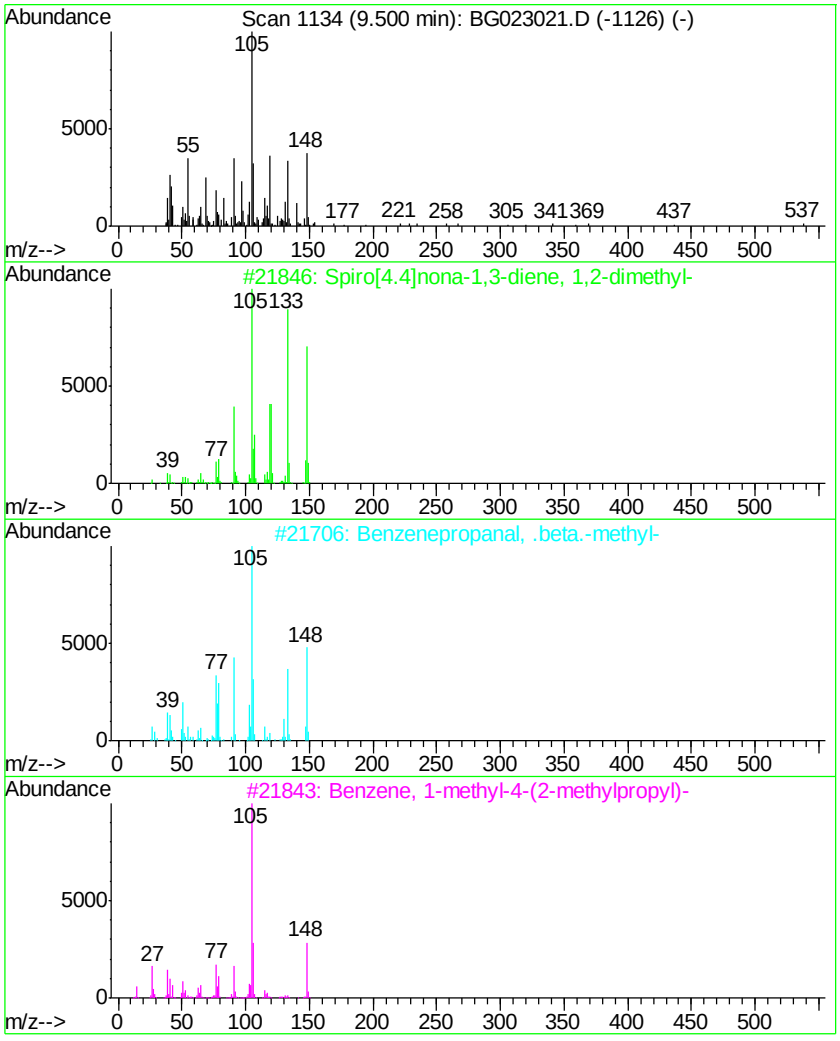
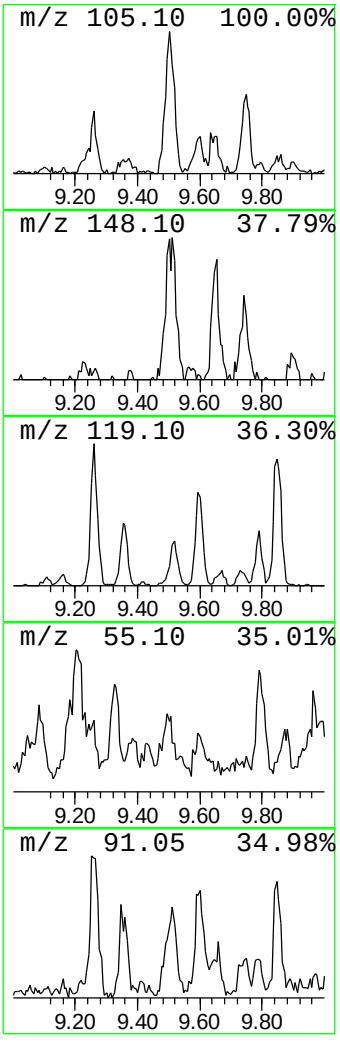
Peak Number 12 unknown9.50 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	8.07 ng	396814	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	25
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	25
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	22
4	2-Methylindan-2-ol	148	C10H12O	033223-84-6	22
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	18





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Sample : H3967-08
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0010

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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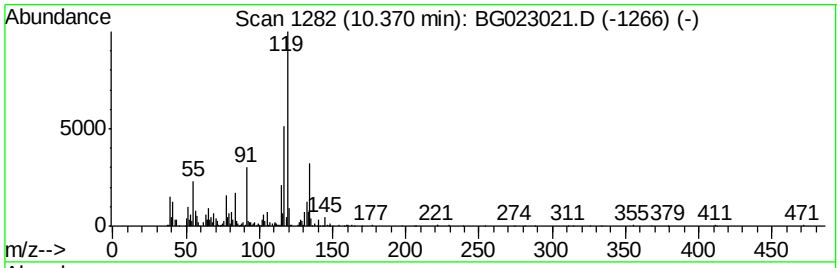
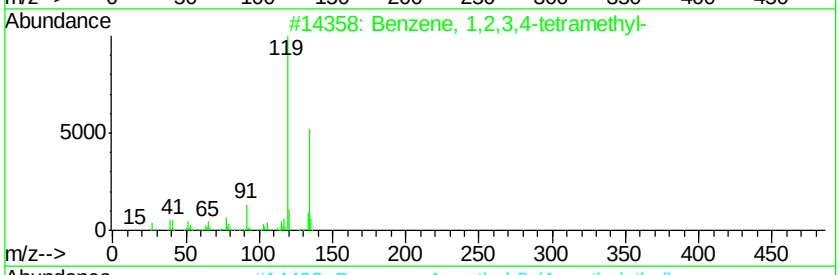
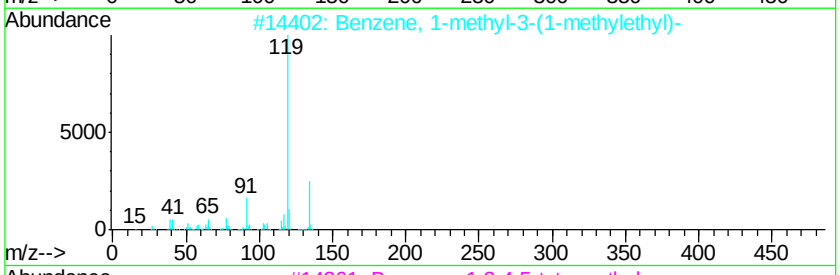
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

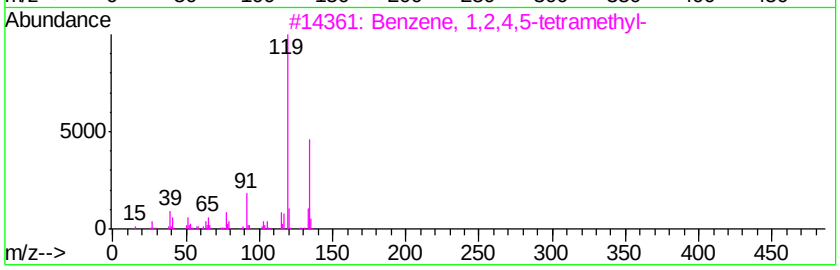
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	12.96 ng	1015860	Naphthalene-d8	10.98

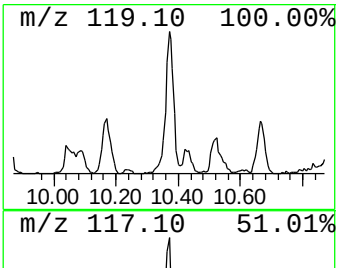
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53

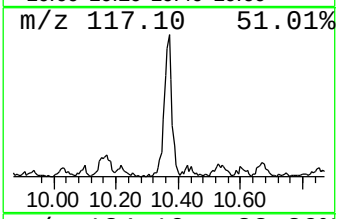


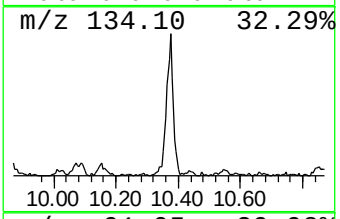


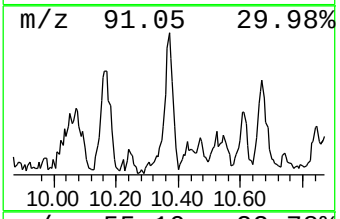


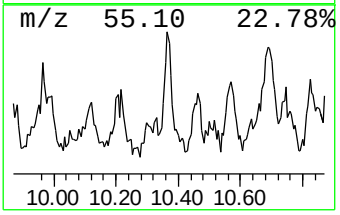












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Operator : UM/SJ
Sample : H3967-08
Misc :
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Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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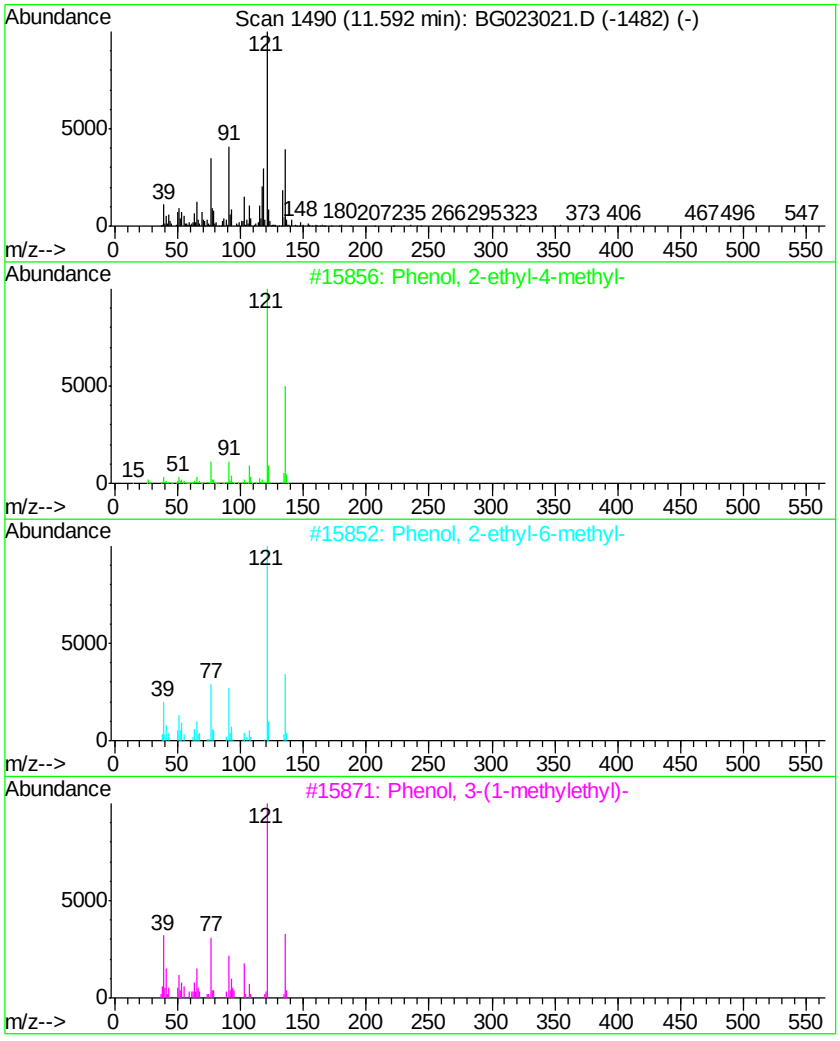
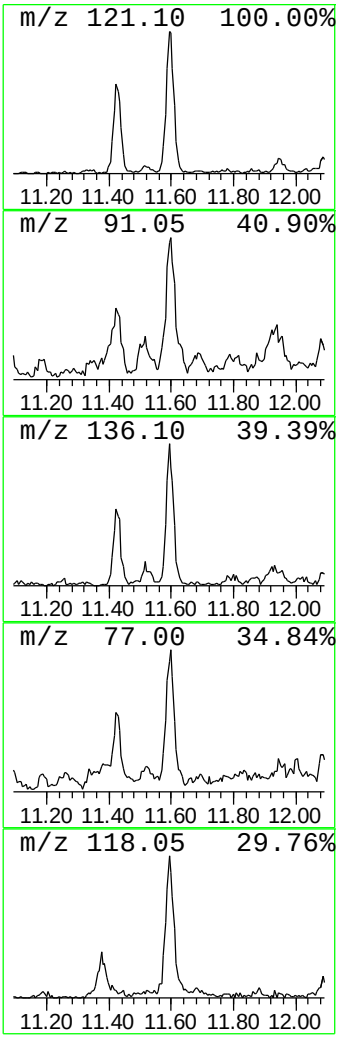
Peak Number 14 Phenol, 2-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	10.42 ng	816842	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	70
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	70
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	68
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	68
5	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	64





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Sample : H3967-08
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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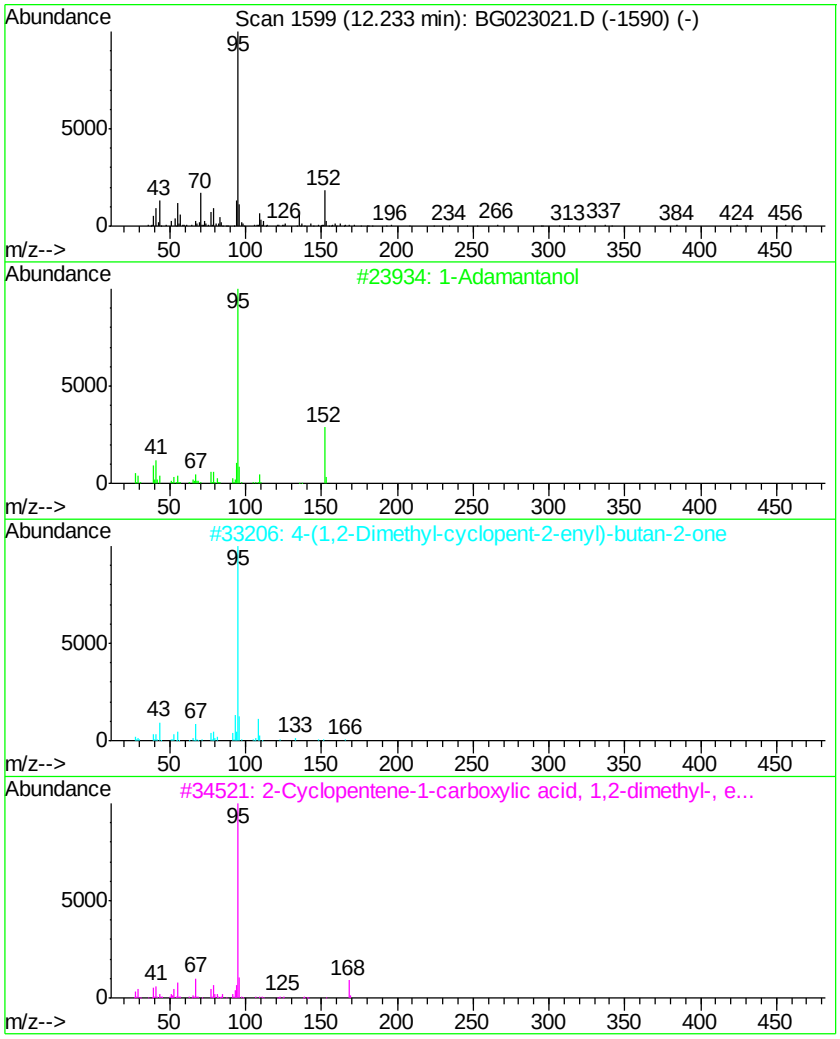
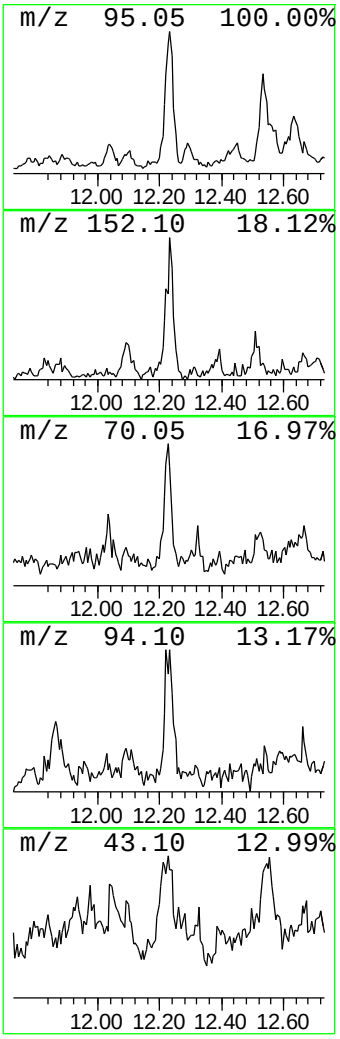
Peak Number 15 1-Adamantanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.82 ng	534118	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	59
2	4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	52
3	2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	50
4	4-Pyridinol	95	C5H5NO	000626-64-2	50
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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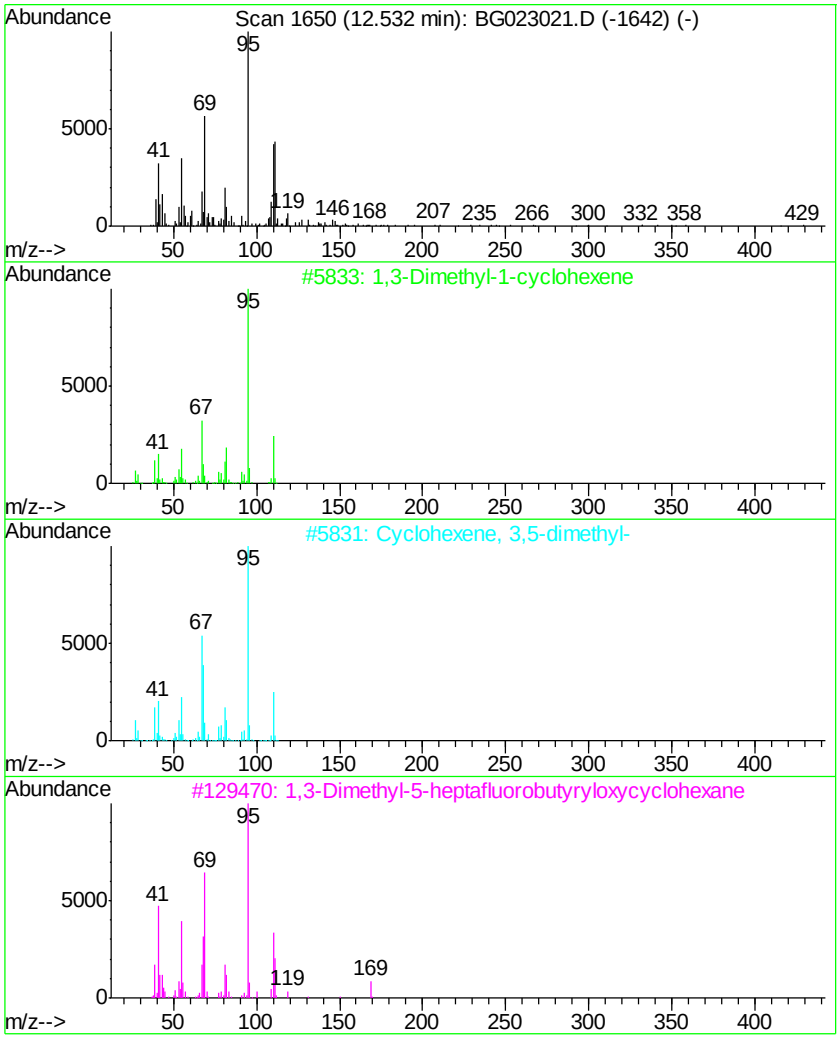
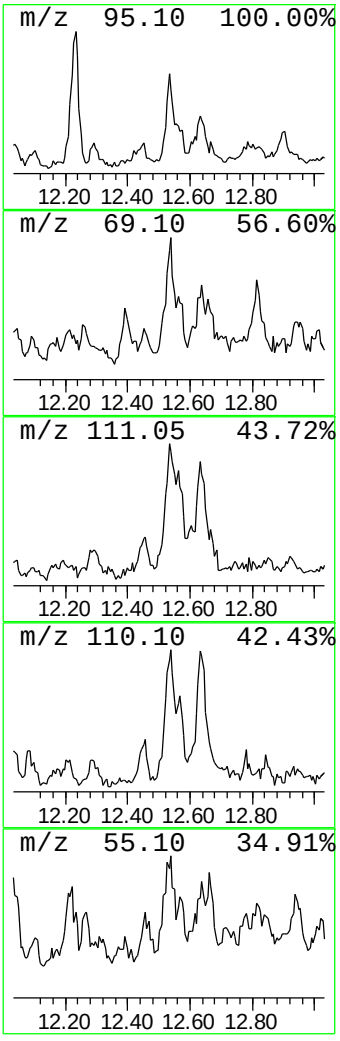
Peak Number 16 1,3-Dimethyl-1-cyclohexene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	9.01 ng	705982	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	50
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
3	1,3-Dimethyl-5-heptafluorobutyryo...	324	C12H15F7O2	1000216-63-8	45
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	42
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	40





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Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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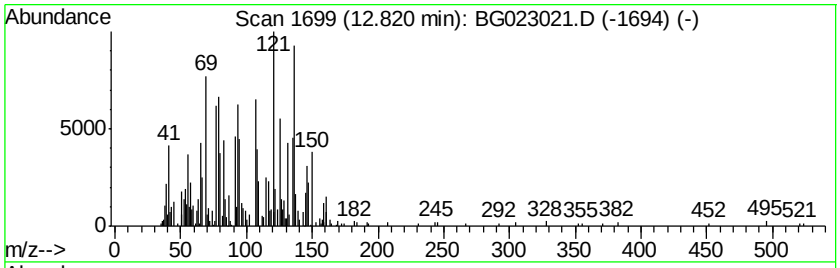
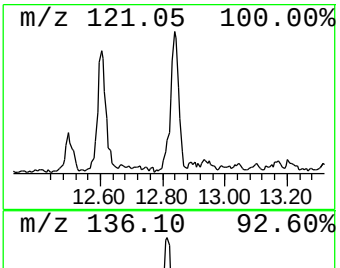
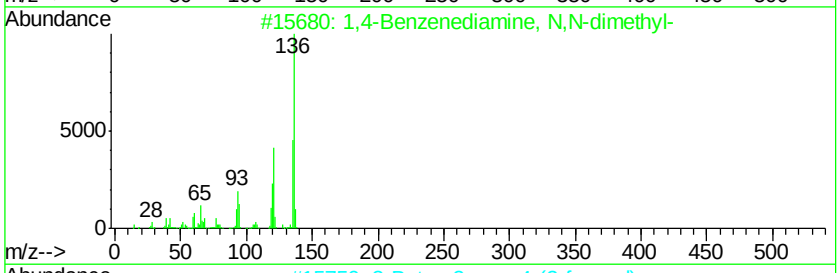
Peak Number 17 1,4-Benzenediamine, N,N-dim... Concentration Rank 16

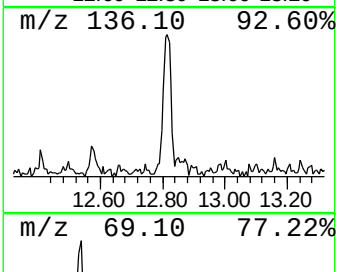
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	6.77 ng	530644	Naphthalene-d8	10.98

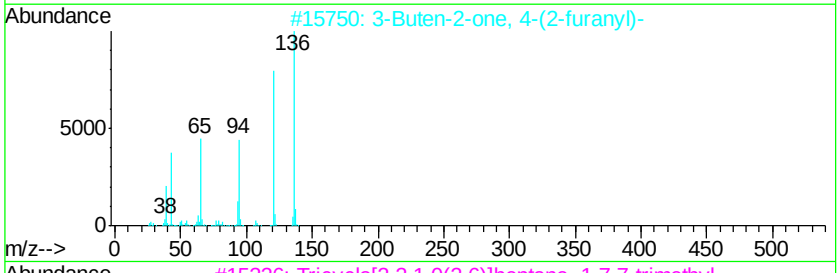
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N-dimethyl-	136	C8H12N2	000099-98-9	52
2	3-Buten-2-one, 4-(2-furanyl)-	136	C8H8O2	000623-15-4	46
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	38
4	2,3-Diethylpyrazine	136	C8H12N2	015707-24-1	35
5	Cyclohexane, 1-methylene-3-(1-me...	136	C10H16	013837-95-1	27

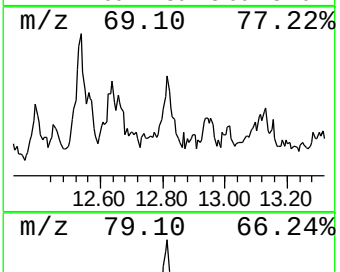


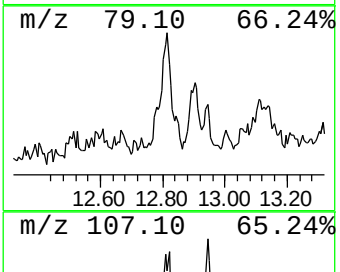


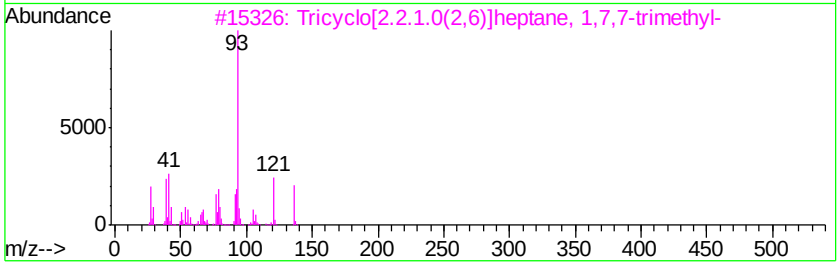


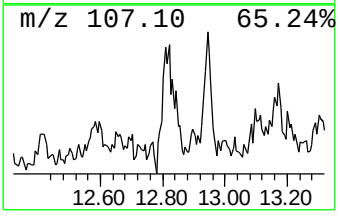












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Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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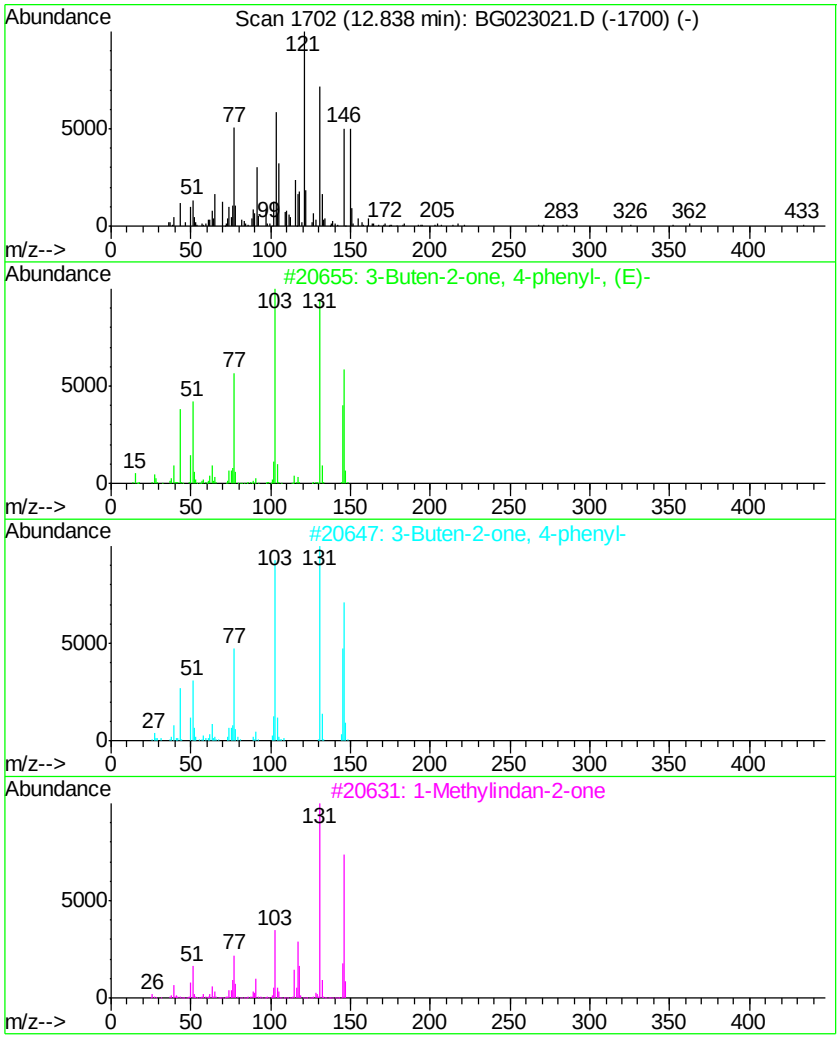
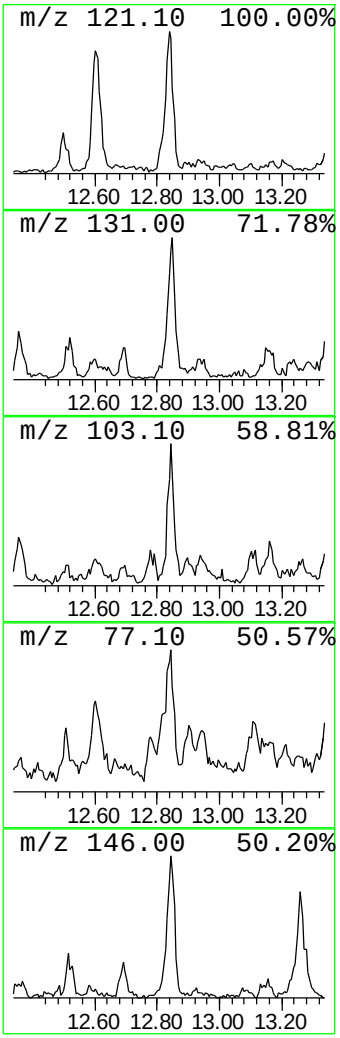
Peak Number 18 unknown12.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	8.28 ng	648749	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	35
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	35
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	27
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	27
5	Cinnamamide, N-(2-thiazolyl)-	230	C12H10N2OS	300829-00-9	22





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Instrument : BNA_G
ClientSampleId : S22-0010

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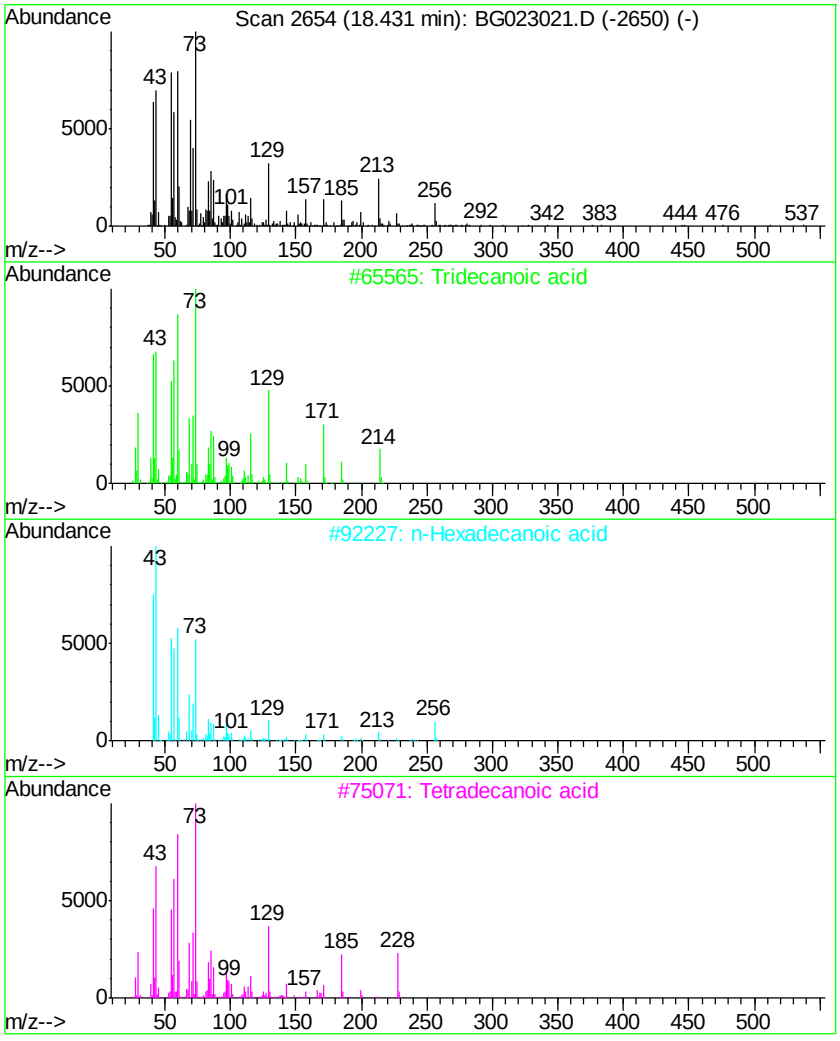
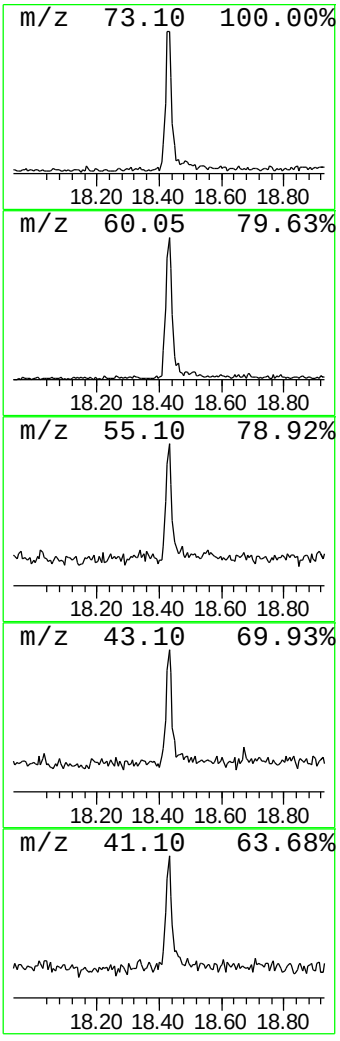
Peak Number 19 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.95 ng	763529	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





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Data File : BG023021.D
Acq On : 12 Jul 2016 4:38
Operator : UM/SJ
Sample : H3967-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0010

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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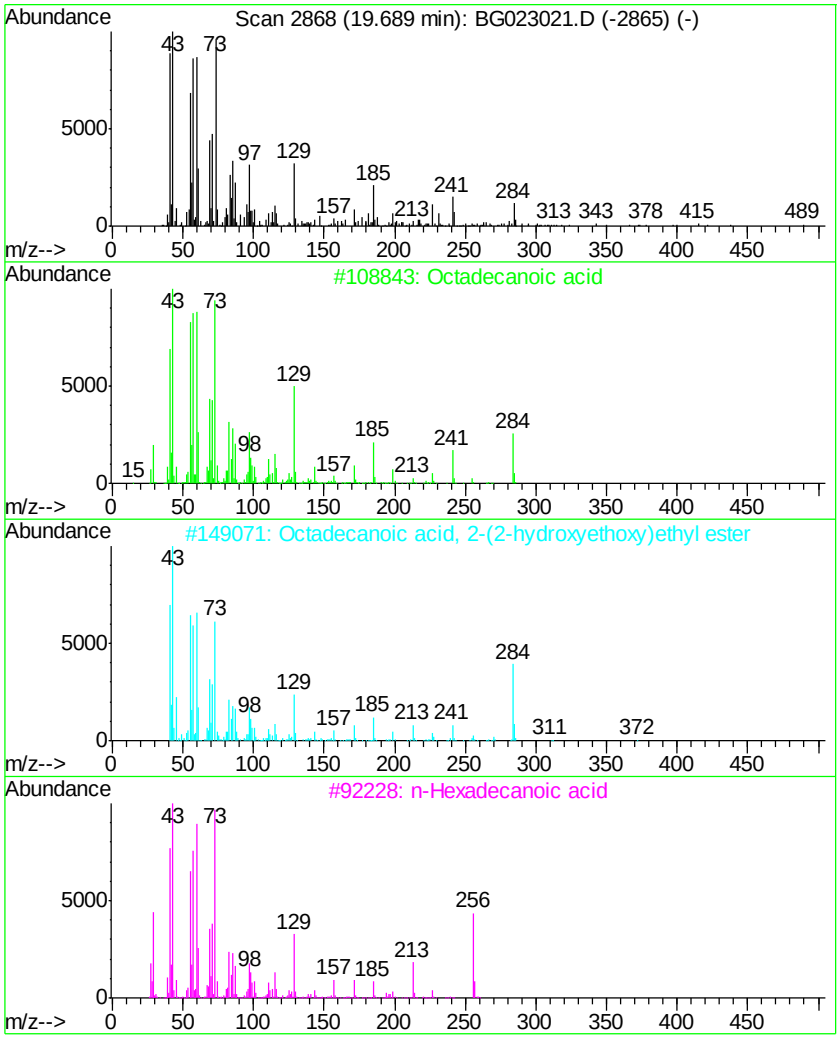
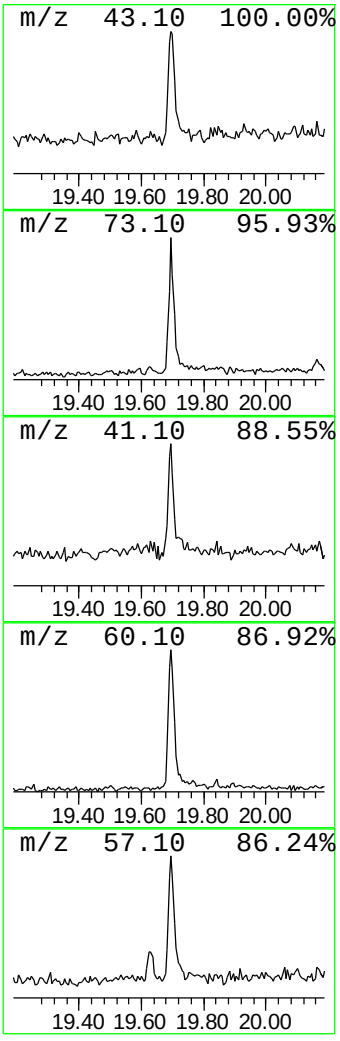
Peak Number 20 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	6.34 ng	696765	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





Tentatively Identified Compound (LSC) summary

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Operator : UM/SJ
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Butanol, 2,3-di...	3.81	12.4	ng	610792	1	8.15	983881	20.0
Guanidine	6.40	9.1	ng	447160	1	8.15	983881	20.0
unknown6.64	6.64	5.9	ng	290403	1	8.15	983881	20.0
Benzene, 1-ethyl-...	7.53	12.5	ng	613717	1	8.15	983881	20.0
unknown7.68	7.68	70.3	ng	3456480	1	8.15	983881	20.0
Benzene, 1,2,4-tr...	8.26	16.2	ng	798073	1	8.15	983881	20.0
Benzene, 4-ethyl-...	8.79	15.1	ng	744669	1	8.15	983881	20.0
Benzene, 1-methyl...	8.95	5.8	ng	286936	1	8.15	983881	20.0
unknown9.21	9.21	22.5	ng	1104670	1	8.15	983881	20.0
Benzene, 2-ethyl-...	9.26	6.7	ng	328518	1	8.15	983881	20.0
unknown9.50	9.50	8.1	ng	396814	1	8.15	983881	20.0
Benzene, 1,2,3,4-...	10.37	13.0	ng	1015860	2	10.98	1567320	20.0
Phenol, 2-ethyl-4...	11.59	10.4	ng	816842	2	10.98	1567320	20.0
1-Adamantanol	12.23	6.8	ng	534118	2	10.98	1567320	20.0
1,3-Dimethyl-1-cy...	12.53	9.0	ng	705982	2	10.98	1567320	20.0
1,4-Benzenediamin...	12.82	6.8	ng	530644	2	10.98	1567320	20.0
unknown12.84	12.84	8.3	ng	648749	2	10.98	1567320	20.0
Tridecanoic acid	18.43	7.0	ng	763529	4	17.56	2196510	20.0
Octadecanoic acid	19.69	6.3	ng	696765	4	17.56	2196510	20.0