LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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	3.803	152	164	174	rBV3	310450	583983	5.68%	0.498%
2	4.614	297	302	308	rVB5	62499	125345	1.22%	0.107%
3	4.761	321	327	336	rVB4	73422	140430	1.37%	0.120%
4	5.219	401	405	409	rBV	136545	207531	2.02%	0.177%
5	5.260	409	412	417	rVV	129429	172438	1.68%	0.147%
6	5.313	417	421	428	rVB	142059	238938	2.32%	0.204%
7	5.630	468	475	482	rBV	4416059	7372738	71.67%	6.293%
8	5.695	482	486	495	rVV	827674	1323442	12.87%	1.130%
9	5.789	495	502	517	rVB	5249727	8779183	85.34%	7.494%
10	6.012	531	540	547	rBV9	51252	140632	1.37%	0.120%
11	6.400	599	606	612	rBV4	77889	173988	1.69%	0.149%
12	6.623	635	644	653	rBV	1049882	1813473	17.63%	1.548%
13	7.117	721	728	736	rBV	1003602	1672294	16.26%	1.427%
14	7.287	750	757	772	rVB2	2234468	4441138	43.17%	3.791%
15	7.534	792	799	812	rBV	2448305	4307178	41.87%	3.677%
16	7.681	815	824	833	rBV	1536175	2753892	26.77%	2.351%
17	7.792	836	843	850	rVB	6039770	10286878	100.00%	8.781%
18	8.051	883	887	892	rVB2	132914	199216	1.94%	0.170%
19	8.151	898	904	912	rVB	386869	673807	6.55%	0.575%
20	8.262	917	923	934	rVB	2653173	4860116	47.25%	4.149%
21	8.480	952	960	965	rBV	1336765	2464517	23.96%	2.104%
22	8.527	965	968	977	rVB	475376	782159	7.60%	0.668%
23	8.638	981	987	995	rVB2	236695	407929	3.97%	0.348%
24	8.791	1007	1013	1018	rBV2	340856	641876	6.24%	0.548%
25	8.844	1018	1022	1028	rVB2	175857	326028	3.17%	0.278%
26	8.956	1034	1041	1050	rBV	418707	773293	7.52%	0.660%
27	9.044	1051	1056	1061	rVV5	86759	183376	1.78%	0.157%
28	9.108	1061	1067	1071	rVV	367340	656065	6.38%	0.560%
29	9.161	1071	1076	1084	rVV2	485648	1079881	10.50%	0.922%
30	9.261	1088	1093	1098	rVV2	622309	1104301	10.74%	0.943%
31	9.326	1098	1104	1117	rVB2	1504063	3458637	33.62%	2.952%
32	9.490	1127	1132	1138	rBV7	65840	144558	1.41%	0.123%
33	9.596	1144	1150	1157	rBV2	272940	535172	5.20%	0.457%
34	9.790	1177	1183	1188	rBV	282850	434358	4.22%	0.371%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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	9.849	1188	1193	1199	rVB	534117	843320	8.20%	0.720%
36	10.049	1220	1227	1234	rVB4	56101	136042	1.32%	0.116%
37	10.160	1241	1246	1251	rBV4	118227	249930	2.43%	0.213%
38	10.213	1251	1255	1269	rVB3	132853	298834	2.91%	0.255%
39	10.372	1271	1282	1288	rVV2	905653	1760153	17.11%	1.502%
40	10.430	1288	1292	1298	rVV3	94361	193196	1.88%	0.165%
41	10.519	1301	1307	1308	rVV3	79159	117940	1.15%	0.101%
42	10.542	1309	1311	1317	rVV3	101303	179759	1.75%	0.153%
43	10.607	1317	1322	1328	rVV	245984	443963	4.32%	0.379%
44	10.665	1328	1332	1340	rVB3	89663	198070	1.93%	0.169%
45	10.836	1354	1361	1363	rBV8	59372	116306	1.13%	0.099%
46	10.983	1375	1386	1389	rBV2	598736	1289339	12.53%	1.101%
47	11.036	1389	1395	1401	rVV	1878269	3518454	34.20%	3.003%
48	11.094	1401	1405	1411	rVB3	153313	299210	2.91%	0.255%
49	11.241	1424	1430	1441	rVB9	60966	158333	1.54%	0.135%
50	11.335	1441	1446	1451	rBV5	73092	155096	1.51%	0.132%
51	11.382	1451	1454	1462	rVB10	71318	174055	1.69%	0.149%
52	11.688	1503	1506	1513	rVB8	61170	118503	1.15%	0.101%
53	11.829	1524	1530	1534	rVB9	57656	110950	1.08%	0.095%
54	11.882	1535	1539	1545	rBV7	67290	137851	1.34%	0.118%
55	12.081	1569	1573	1580	rVB6	93242	179416	1.74%	0.153%
56	12.170	1583	1588	1594	rBV6	74172	155327	1.51%	0.133%
57	12.228	1594	1598	1603	rVV4	70790	119100	1.16%	0.102%
58	12.281	1603	1607	1612	rVB5	68882	108526	1.05%	0.093%
59	12.358	1617	1620	1627	rVB8	65064	125209	1.22%	0.107%
60	12.516	1644	1647	1655	rVB10	119177	237954	2.31%	0.203%
61	12.628	1655	1666	1673	rBV	1037615	1965448	19.11%	1.678%
62	12.698	1674	1678	1684	rVB7	75261	159141	1.55%	0.136%
63	12.775	1686	1691	1695	rBV7	64063	126829	1.23%	0.108%
64	12.845	1696	1703	1709	rBV	797384	1518761	14.76%	1.296%
65	13.098	1738	1746	1748	rBV9	77811	178274	1.73%	0.152%
66	13.257	1769	1773	1778	rVB3	131496	218639	2.13%	0.187%
67	13.421	1794	1801	1807	rBV	4117272	6487094	63.06%	5.537%
68	13.568	1821	1826	1829	rBV4	115497	199101	1.94%	0.170%
69	13.809	1864	1867	1872	rBV7	90624	161919	1.57%	0.138%
70	13.956	1888	1892	1901	rBV6	320298	700827	6.81%	0.598%
71	14.114	1914	1919	1925	rBV2	239057	516073	5.02%	0.441%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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	14.167	1925	1928	1938	rVB5	256022	490690	4.77%	0.419%
73	14.249	1938	1942	1947	rBV5	76037	135444	1.32%	0.116%
74	14.355	1956	1960	1963	rBV3	80991	103479	1.01%	0.088%
75	14.496	1979	1984	1986	rBV4	115883	219020	2.13%	0.187%
76	14.802	2027	2036	2042	rBV2	1166808	2252086	21.89%	1.922%
77	14.878	2046	2049	2053	rVV6	119298	189142	1.84%	0.161%
78	14.937	2055	2059	2063	rVV	209674	336117	3.27%	0.287%
79	14.984	2064	2067	2072	rVB7	88900	150638	1.46%	0.129%
80	15.272	2110	2116	2120	rBV6	183728	374199	3.64%	0.319%
81	15.413	2136	2140	2147	rBV10	145966	296364	2.88%	0.253%
82	15.489	2150	2153	2159	rBV3	99978	156191	1.52%	0.133%
83	15.830	2207	2211	2217	rVB7	152309	247603	2.41%	0.211%
84	16.294	2283	2290	2302	rBV	3872326	6129620	59.59%	5.232%
85	16.535	2326	2331	2338	rVB	86687	188284	1.83%	0.161%
86	17.287	2454	2459	2463	rBV6	107626	183353	1.78%	0.157%
87	17.334	2463	2467	2473	rVB9	76941	131645	1.28%	0.112%
88	17.557	2499	2505	2510	rBV	1379899	2141135	20.81%	1.828%
89	18.022	2580	2584	2588	rVB4	108585	155070	1.51%	0.132%
90	18.427	2648	2653	2660	rBV	397896	600733	5.84%	0.513%
91	19.690	2864	2868	2875	rBV	304927	430955	4.19%	0.368%
92	20.160	2942	2948	2955	rVB	7445659	9988300	97.10%	8.526%
93	21.470	3167	3171	3179	rBV8	104292	183201	1.78%	0.156%
94	21.858	3231	3237	3246	rVB2	1459972	2597805	25.25%	2.217%
95	25.242	3803	3813	3825	rVB2	852467	2556300	24.85%	2.182%

Sum of corrected areas: 117153106

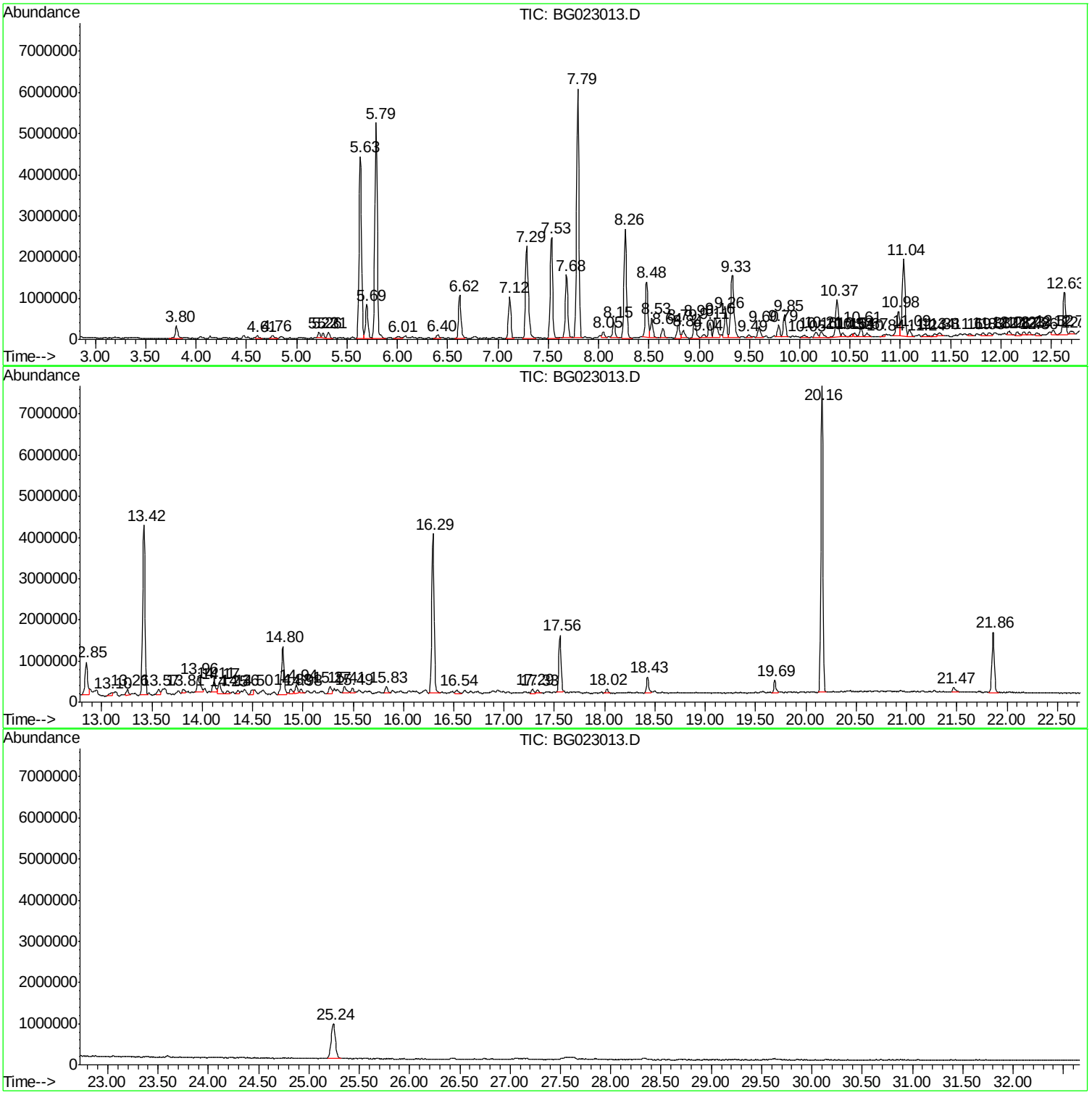
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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 : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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

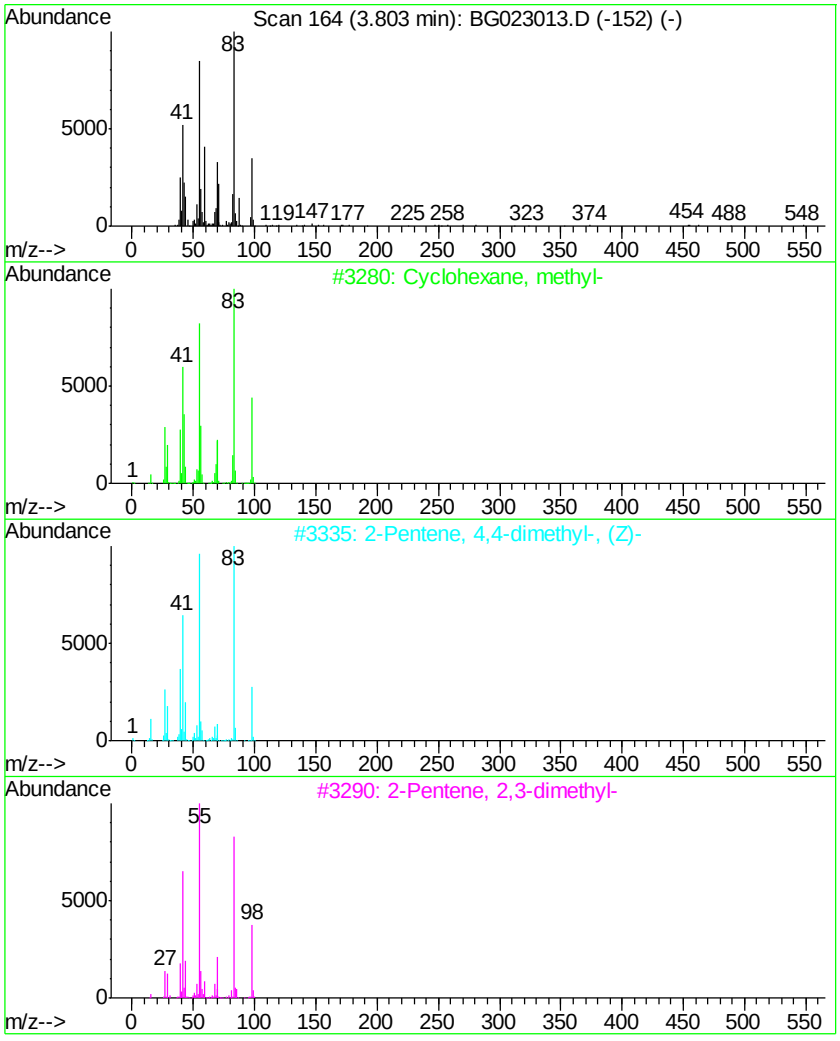
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

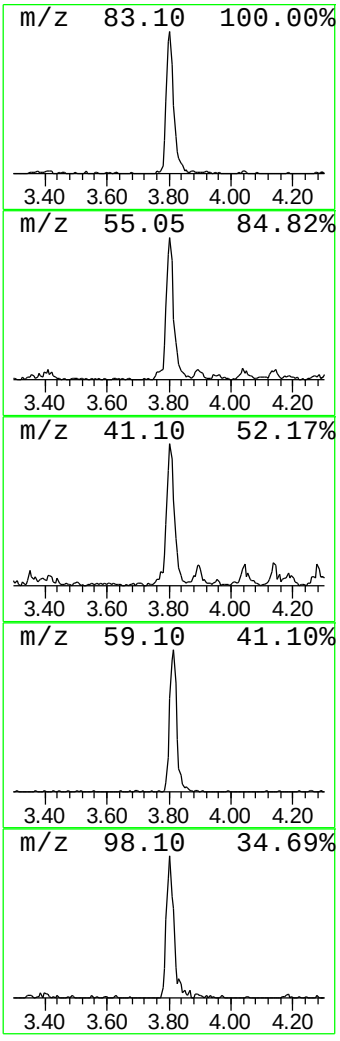
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	17.33 ng	583983	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
2	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	49
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	49
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	46
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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

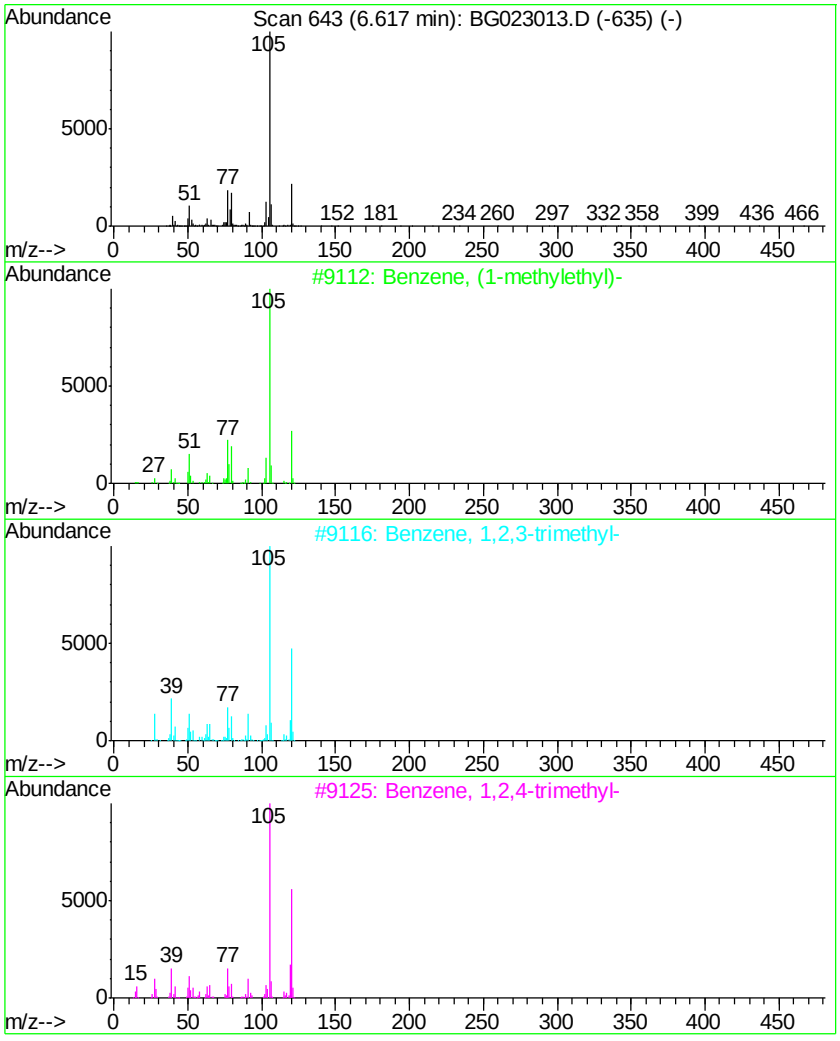
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

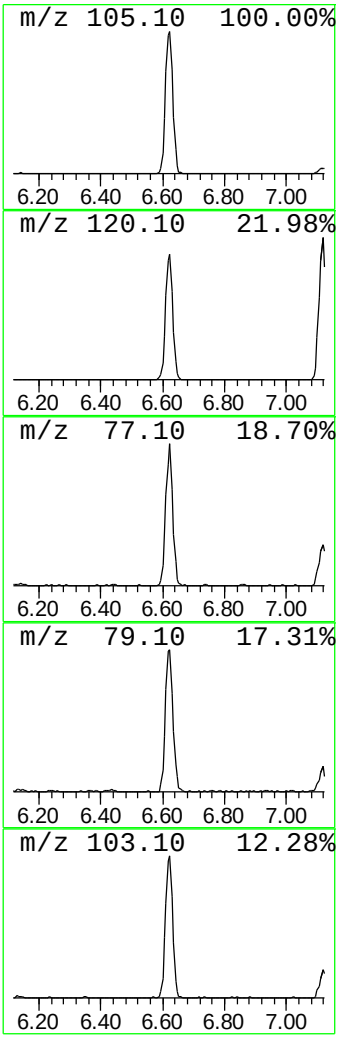
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	53.83 ng	1813470	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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

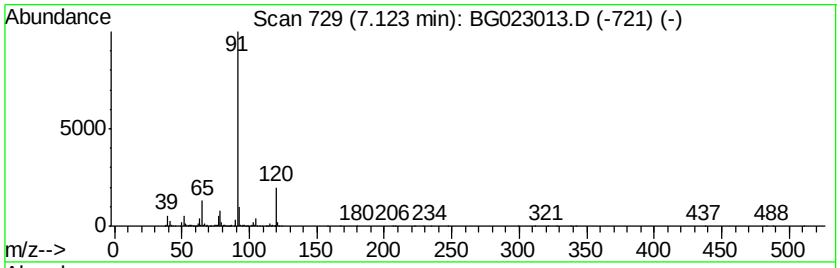
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

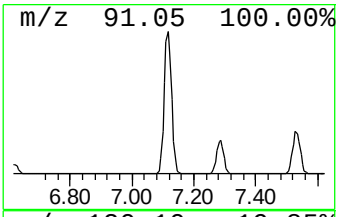
****

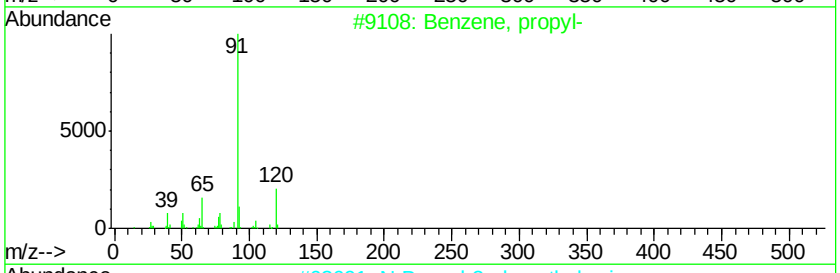
Peak Number 5 Benzene, propyl- Concentration Rank 9

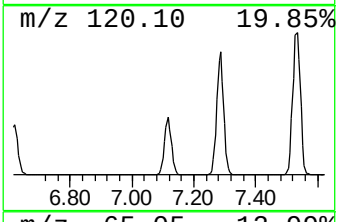
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	49.64 ng	1672290	1,4-Dichlorobenzene-d4	8.15

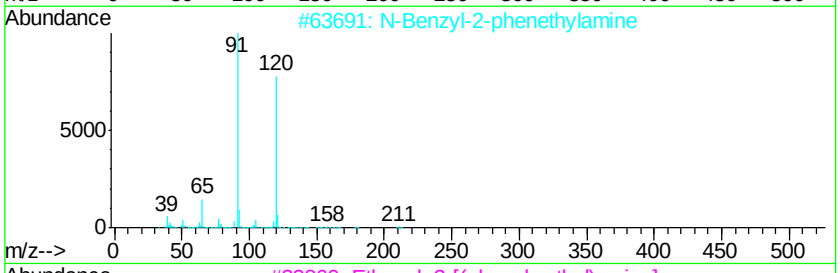
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	62
5	Propanedinitrile, (1-methyl-3-ph...	196	C13H12N2	069564-94-9	50

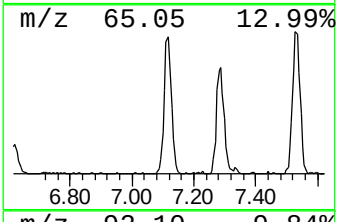


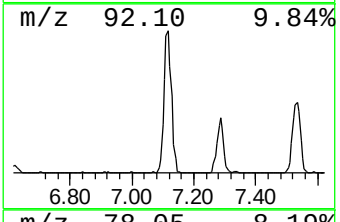


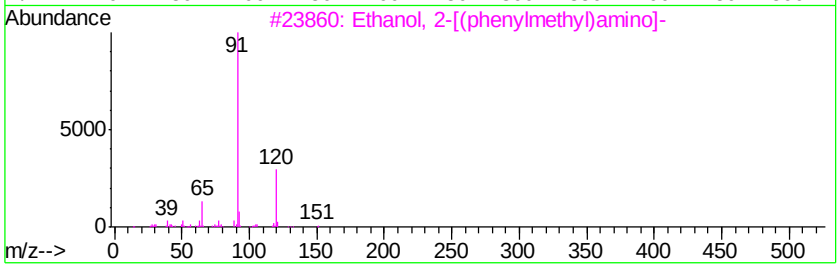


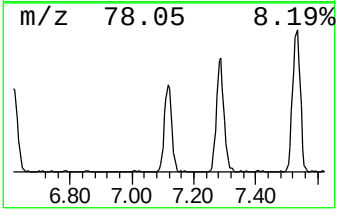












Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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

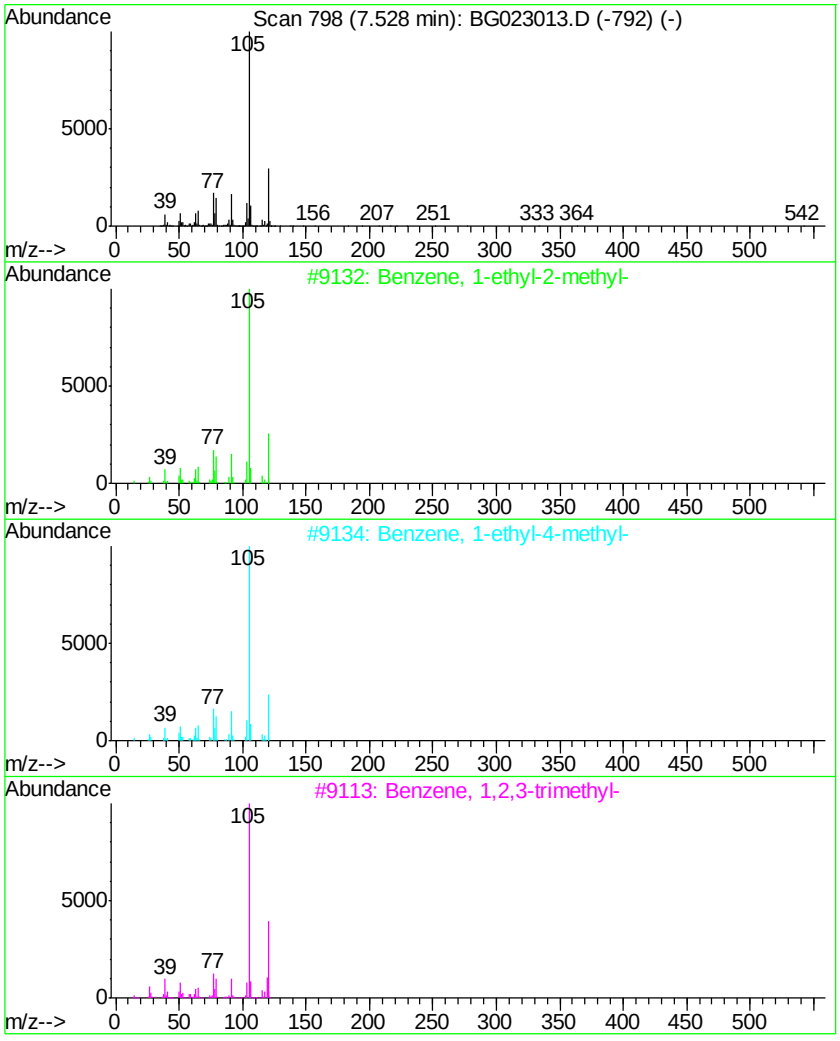
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

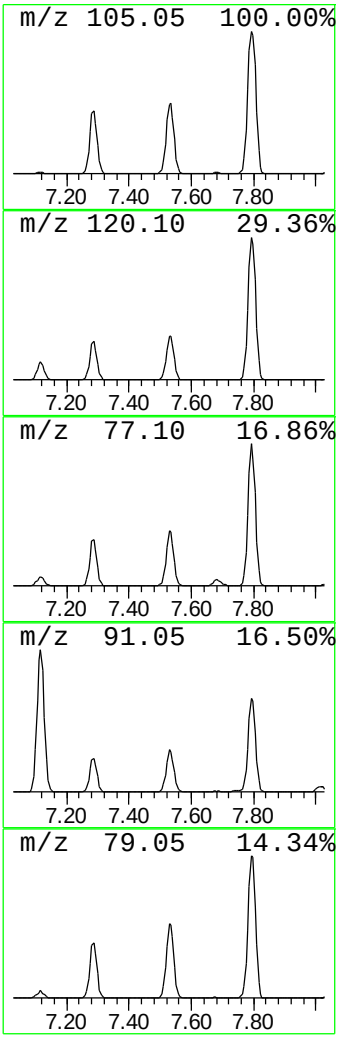
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	127.85 ng	4307180	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : BG023013.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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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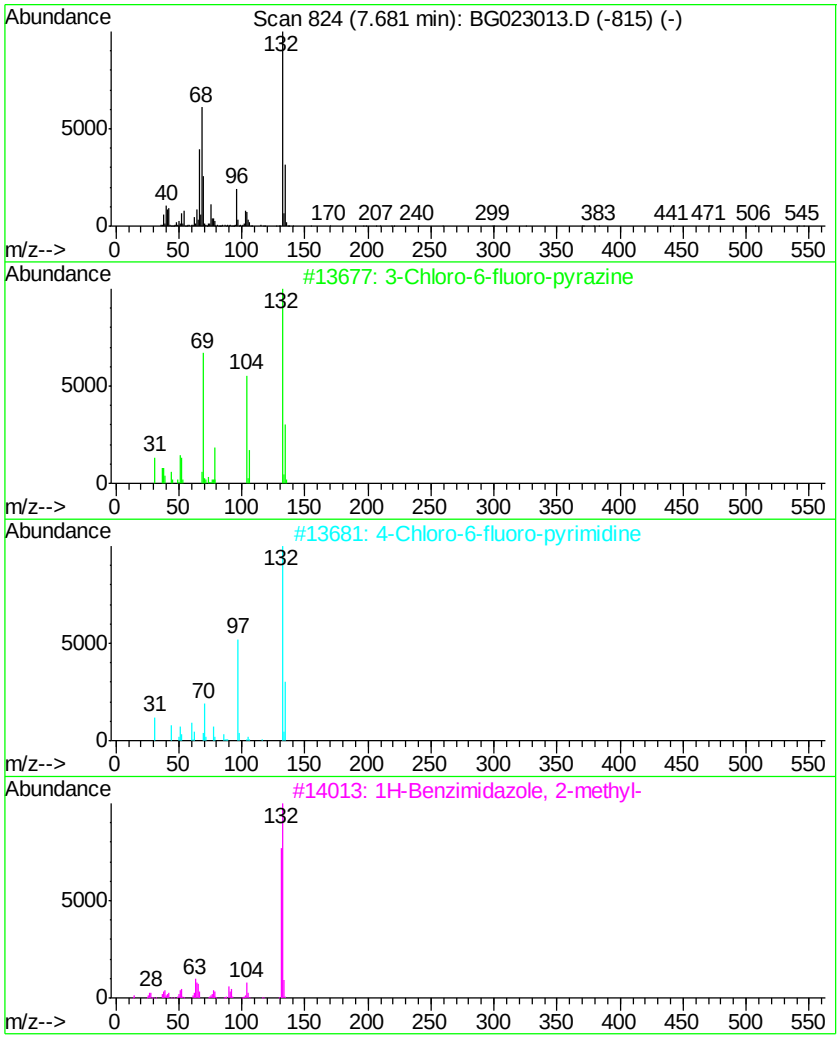
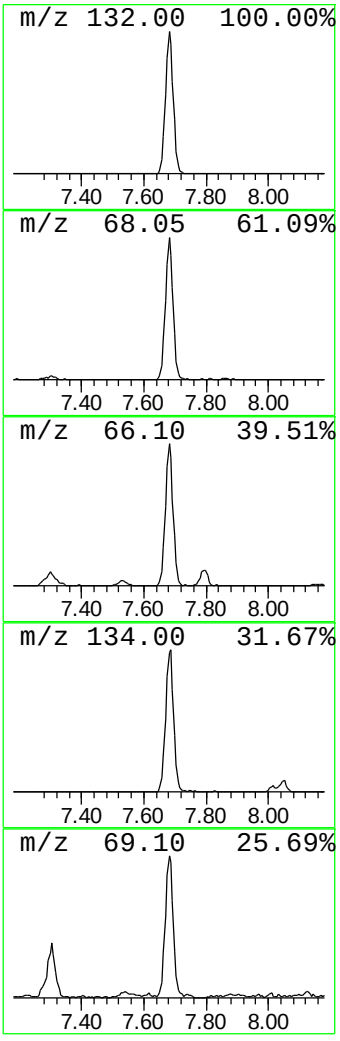
Peak Number 7 unknown7.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	81.74 ng	2753890	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





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Instrument : BNA_G
ClientSampleId : S22-0005

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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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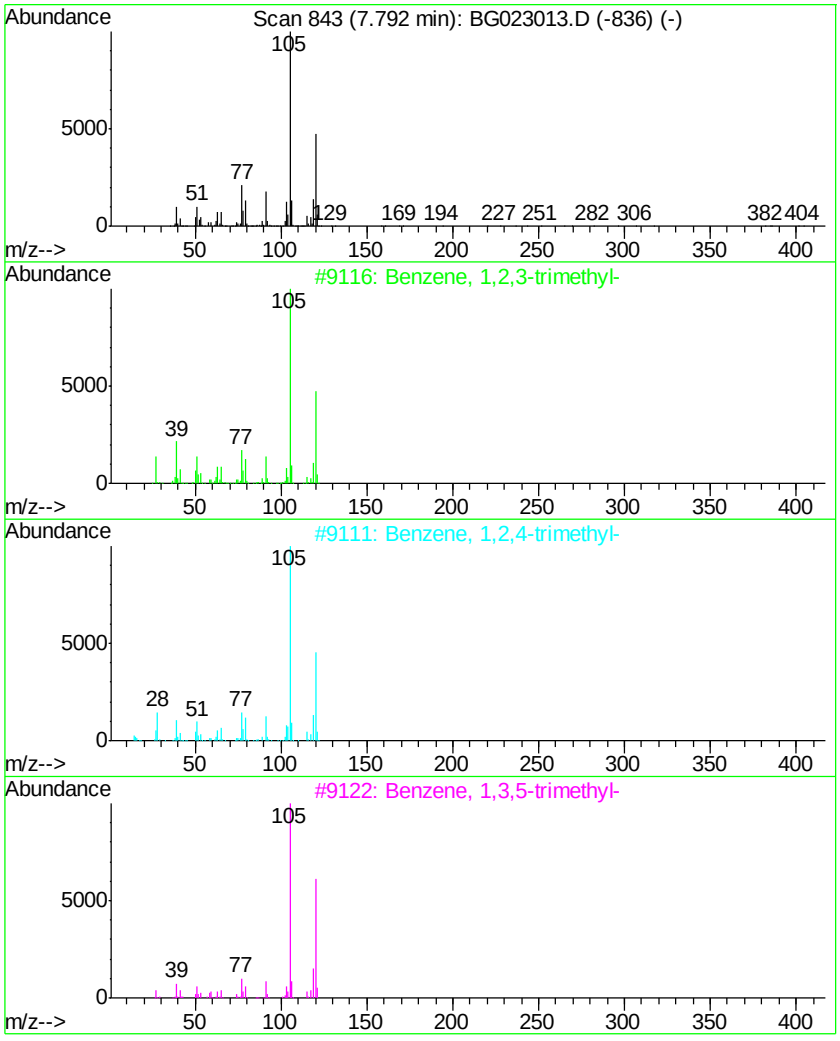
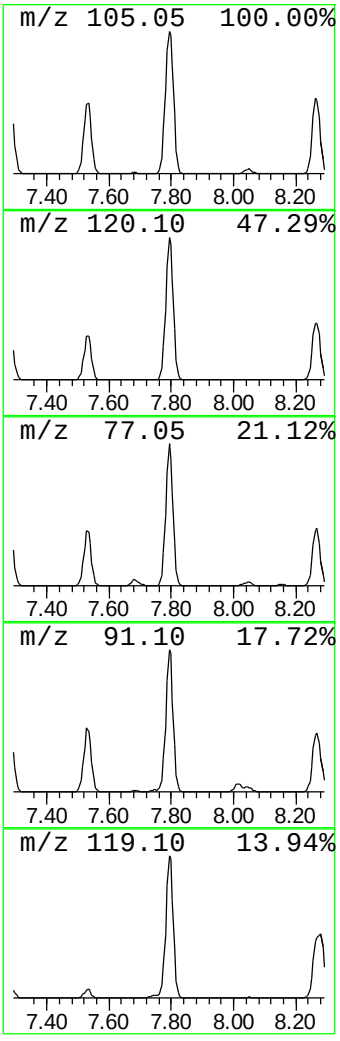
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	305.34 ng	10286900	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Sample : H3967-02
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Instrument : BNA_G
ClientSampleId : S22-0005

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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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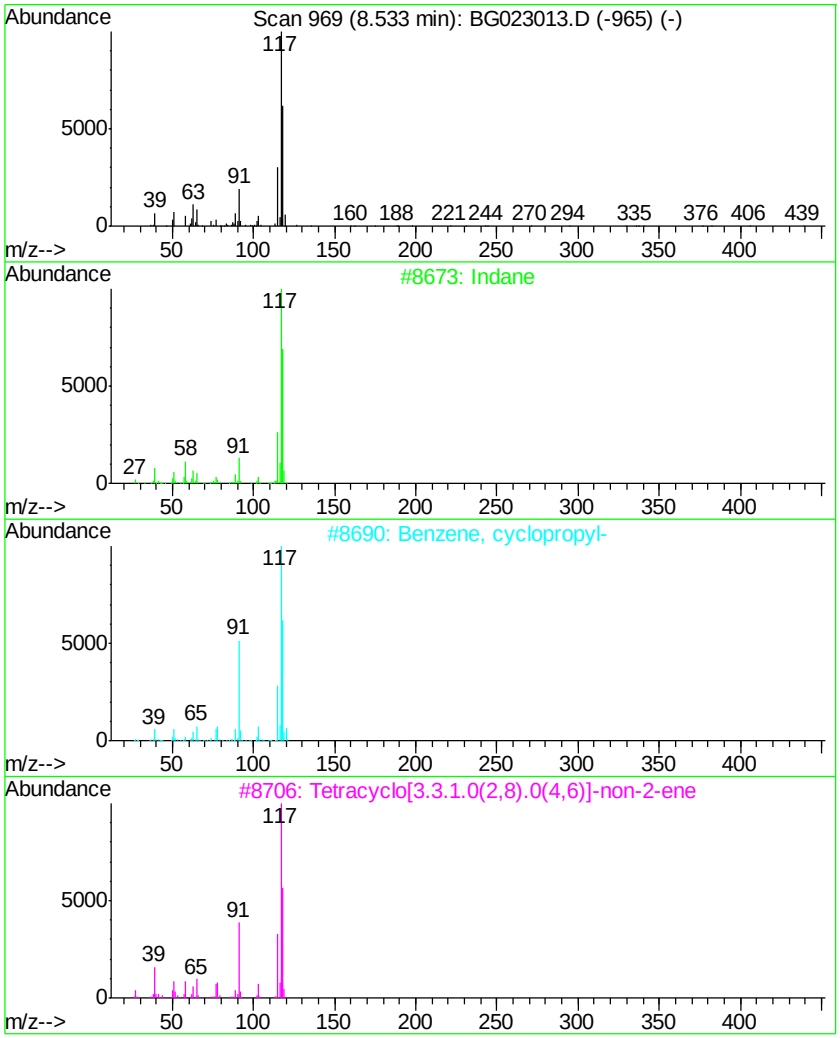
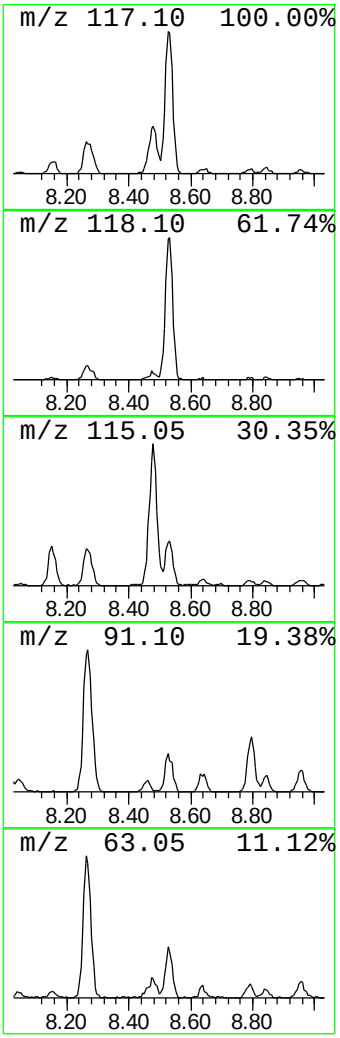
Peak Number 11 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	23.22 ng	782159	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Indan, 1-methyl-	132	C10H12	000767-58-8	53





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Sample : H3967-02
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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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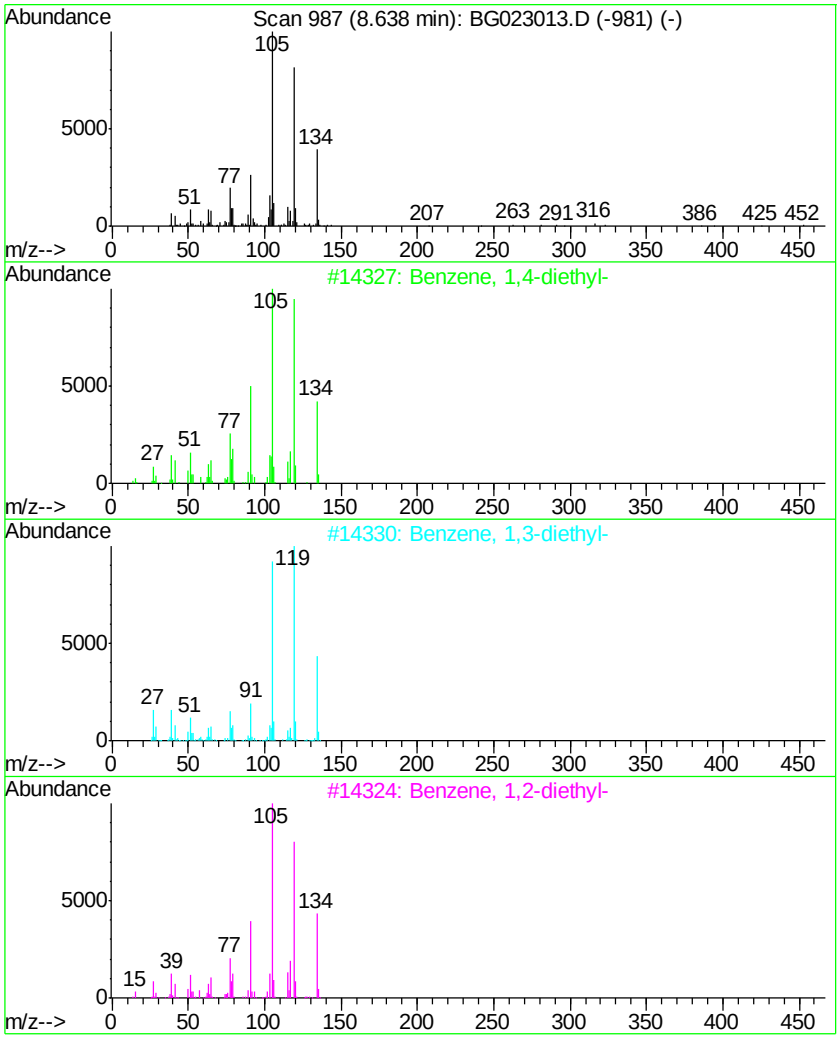
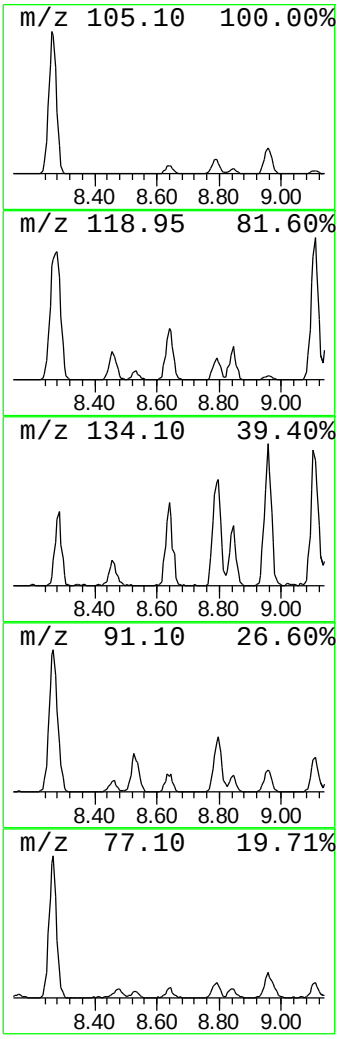
Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	12.11 ng	407929	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Sample : H3967-02
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Instrument : BNA_G
ClientSampleId : S22-0005

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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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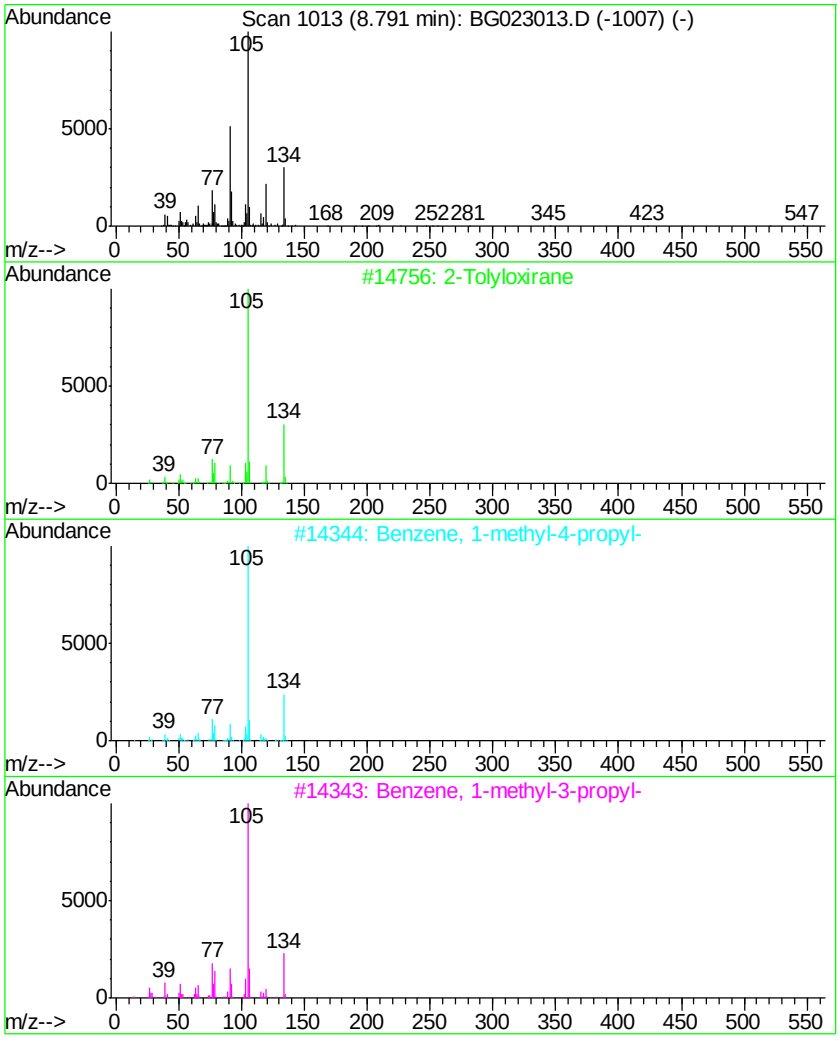
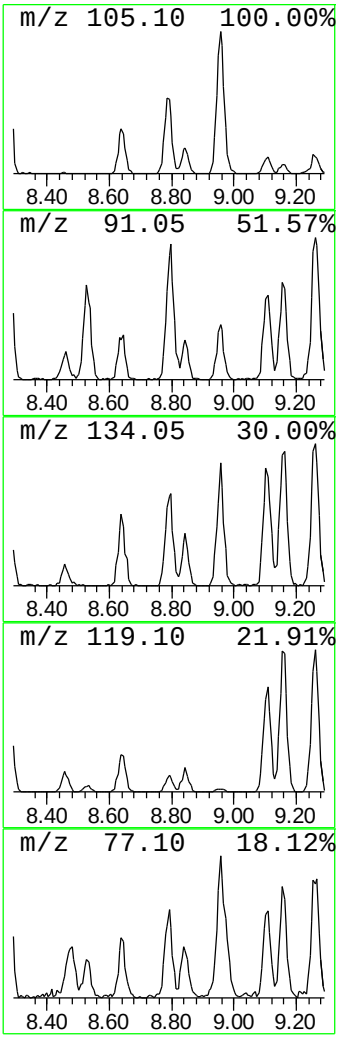
Peak Number 13 2-Tolyloxirane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	19.05 ng	641876	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane	134	C9H10O	002783-26-8	70
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	58
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	47
5	4,6-Decadiyne	134	C10H14	016387-71-6	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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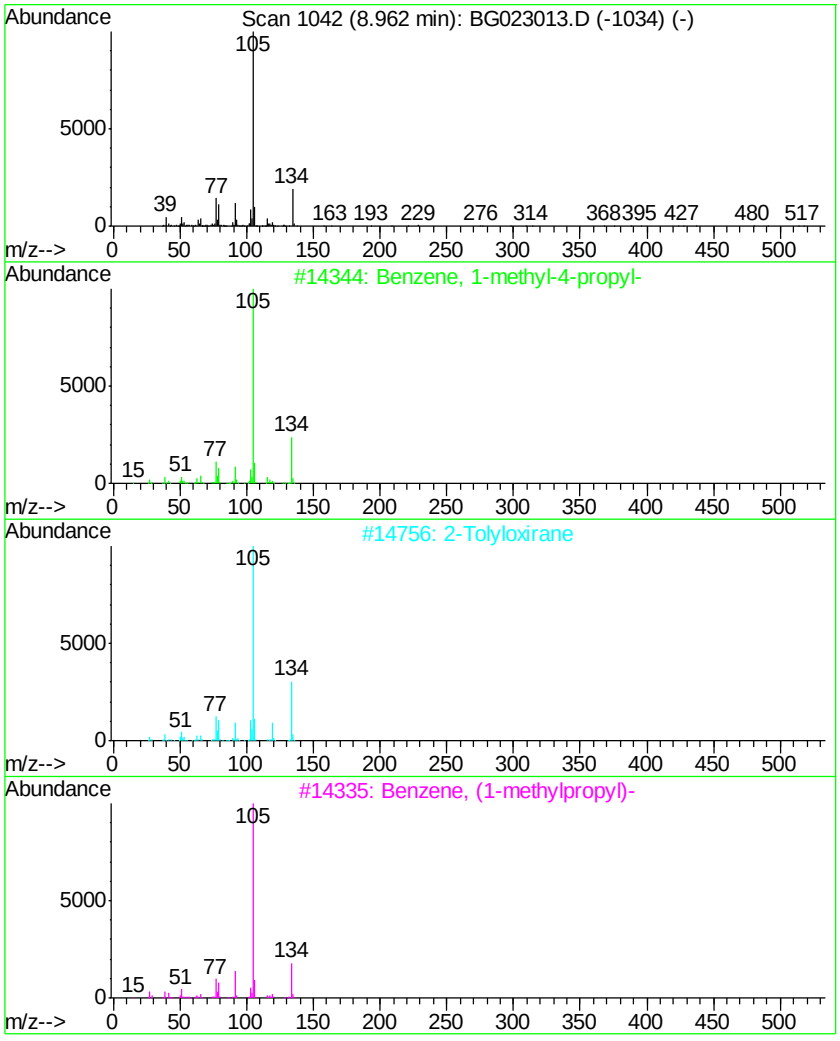
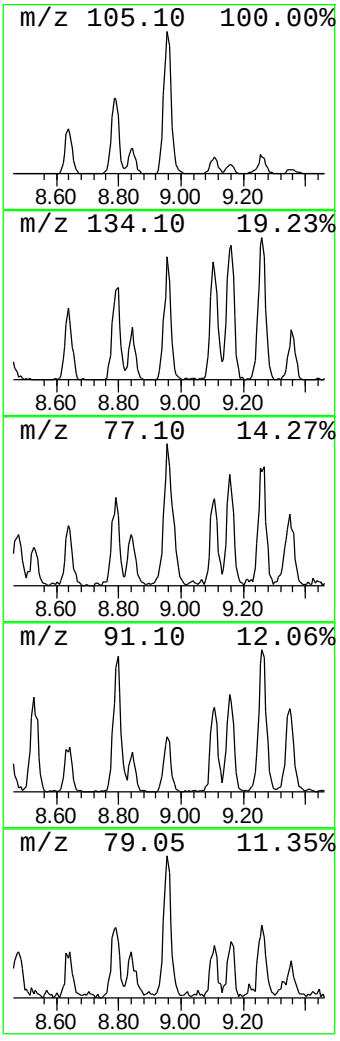
Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	22.95 ng	773293	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	94
2	2-Tolyloxirane	134	C9H10O	002783-26-8	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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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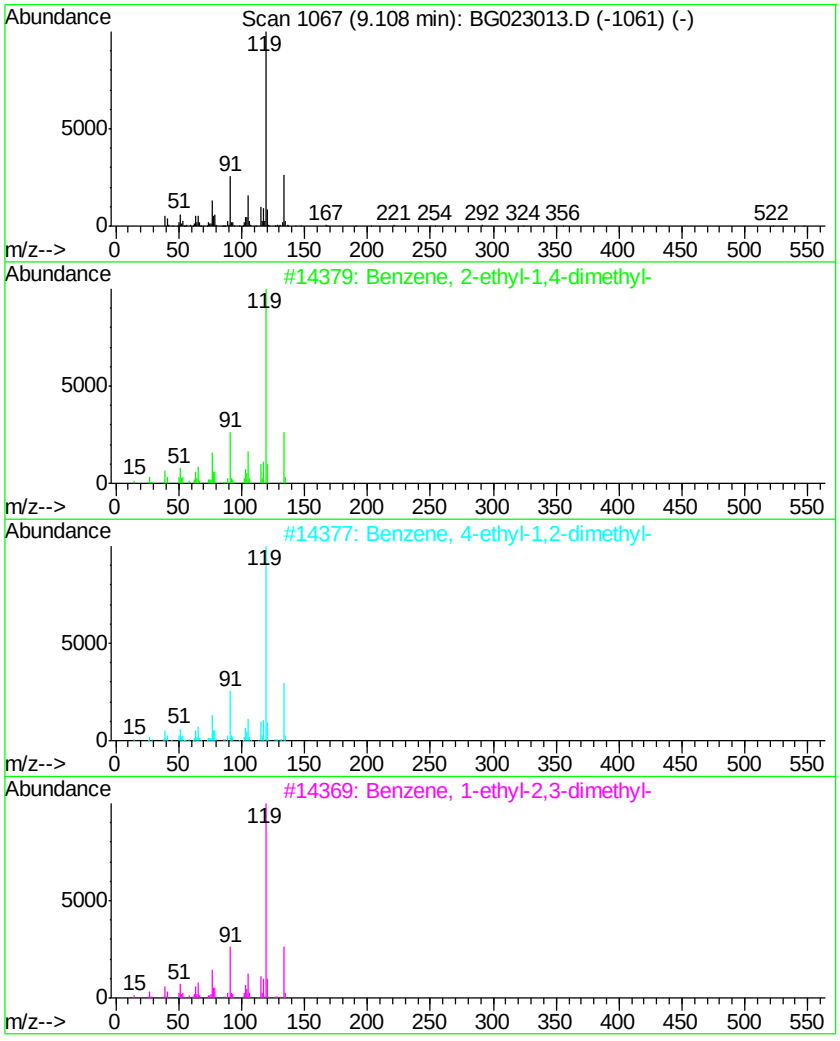
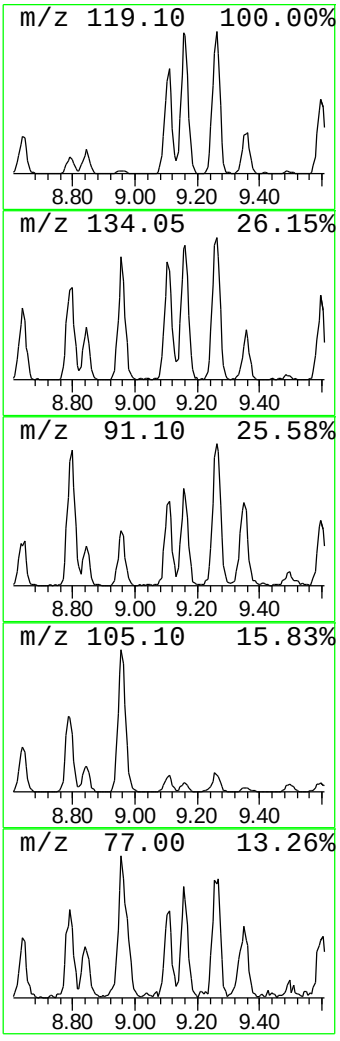
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	19.47 ng	656065	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Instrument : BNA_G
ClientSampleId : S22-0005

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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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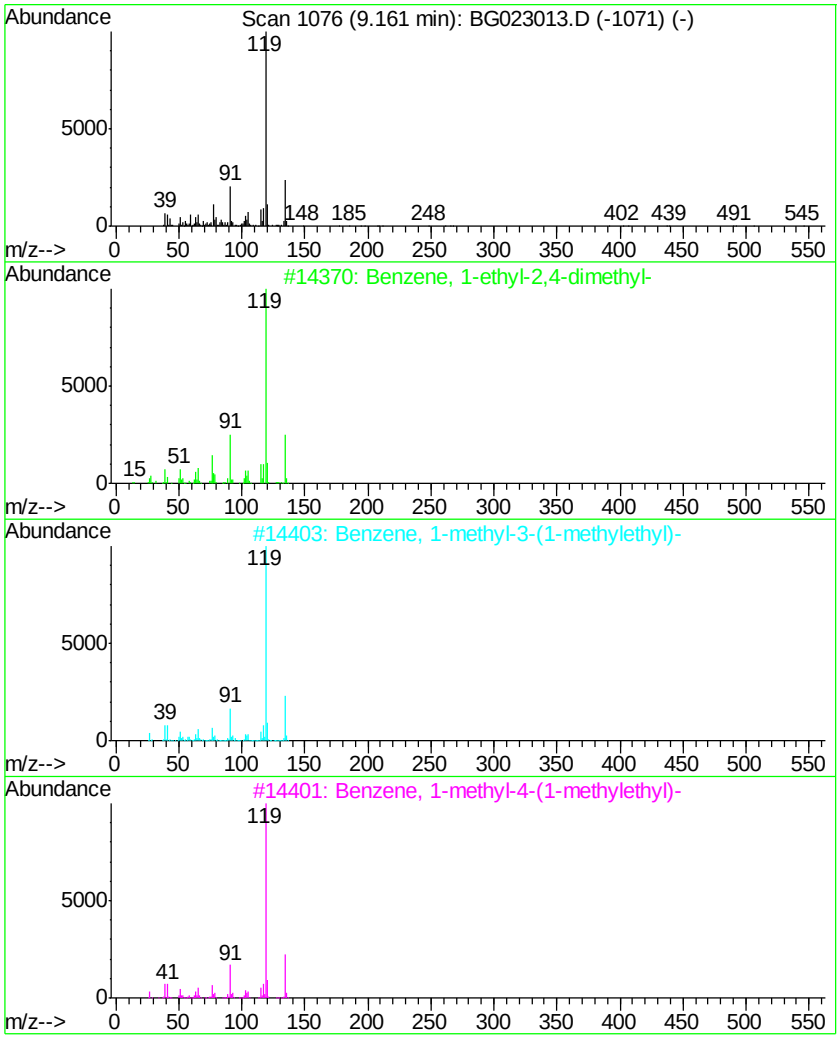
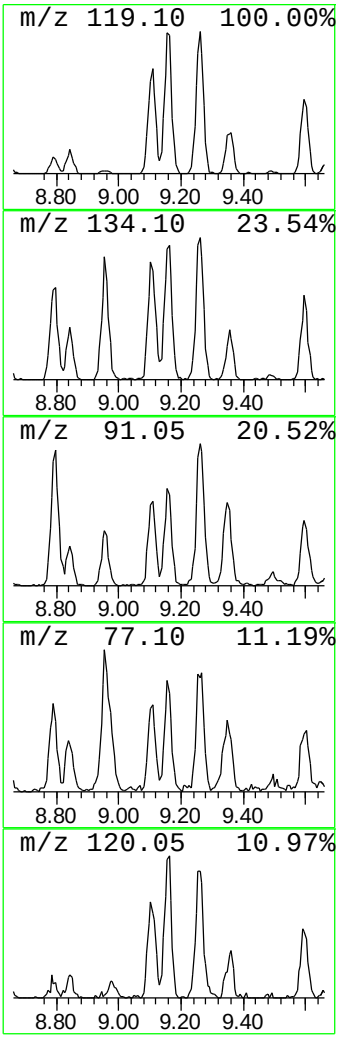
Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	32.05 ng	1079880	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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ClientSampleId : S22-0005

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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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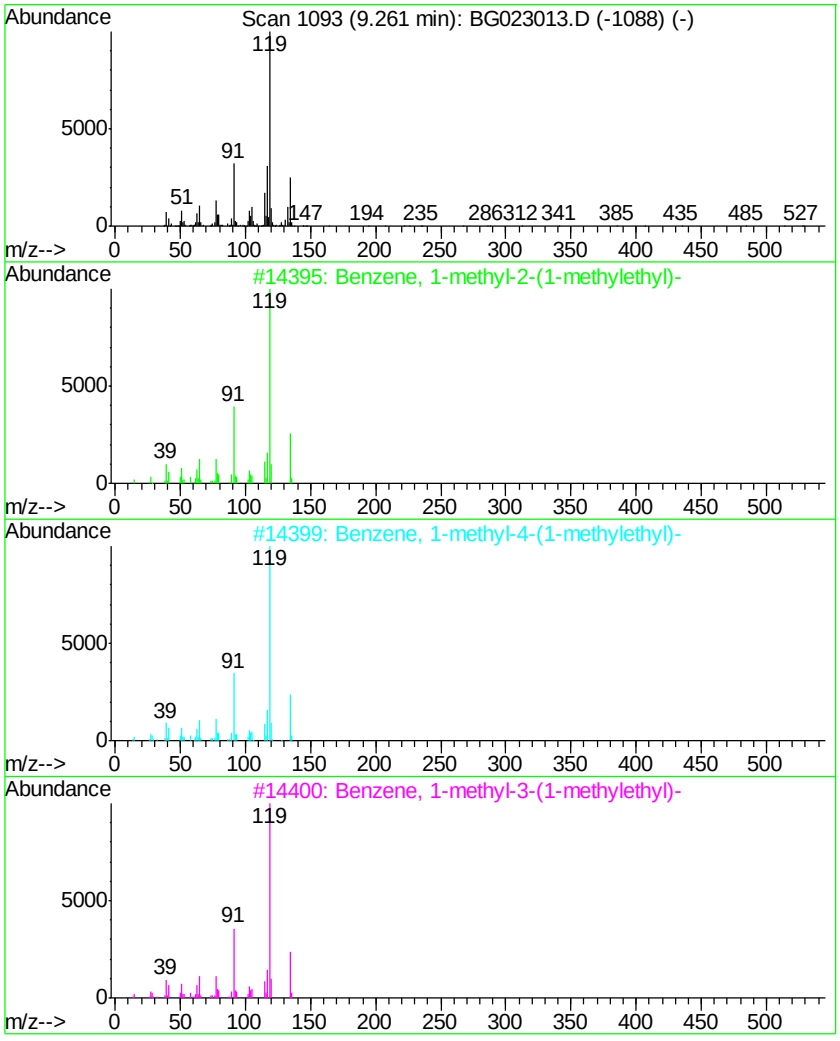
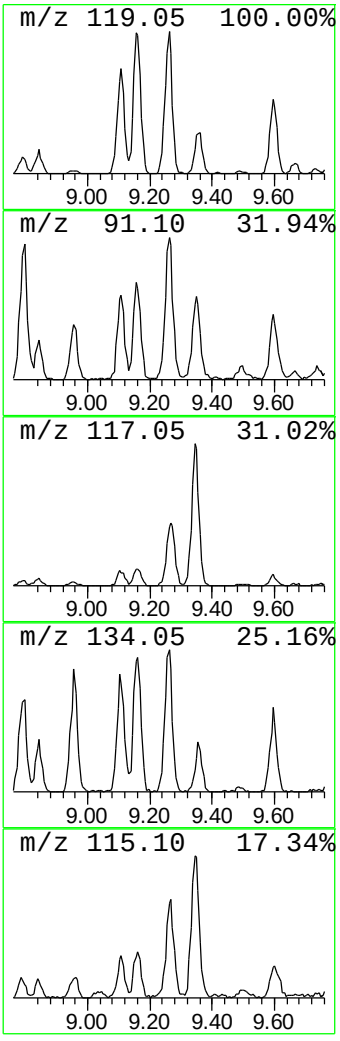
Peak Number 17 Benzene, 1-methyl-2-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	32.78 ng	1104300	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76





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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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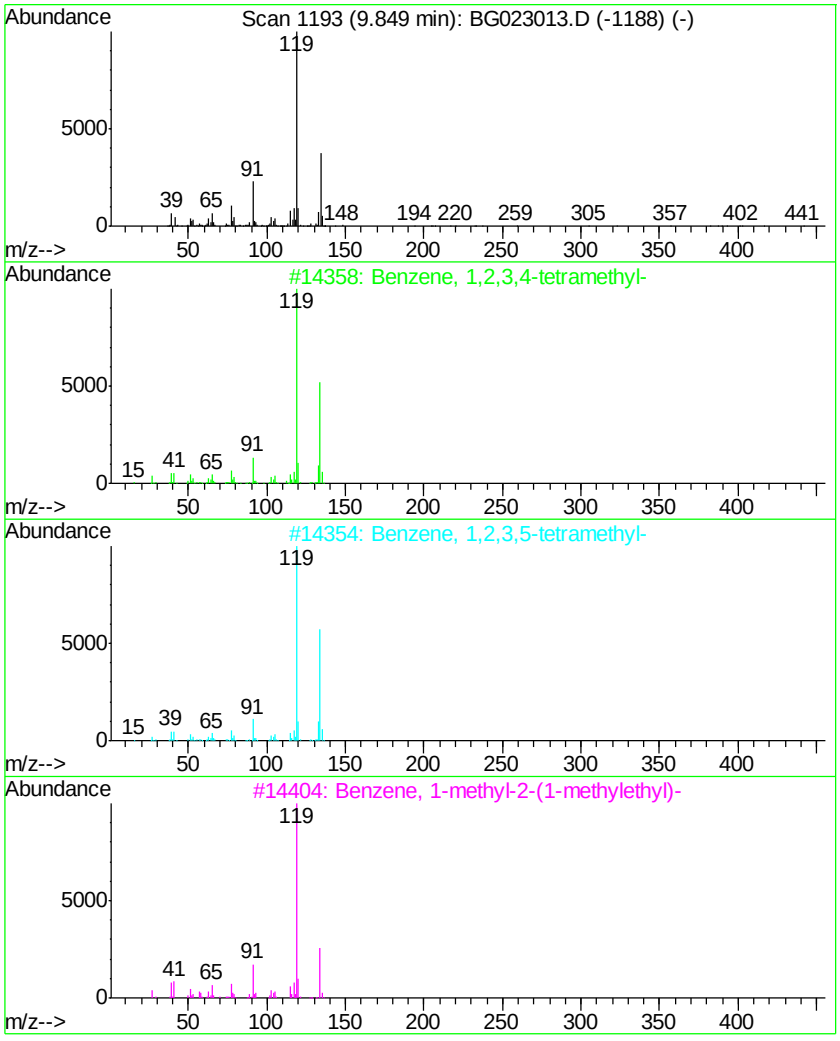
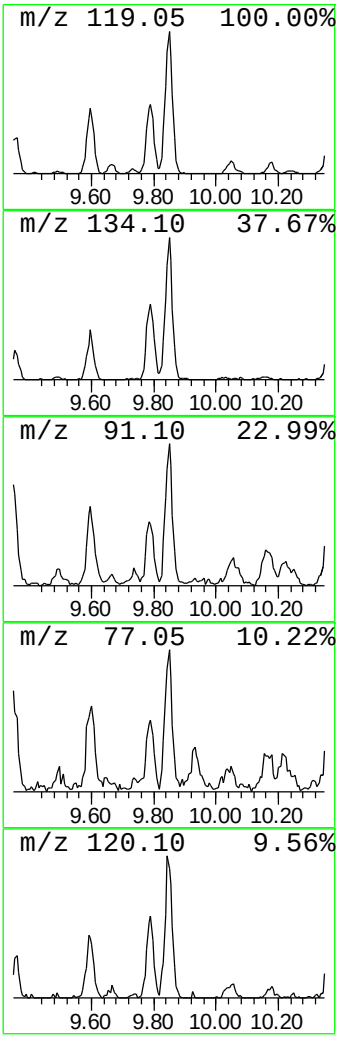
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	13.08 ng	843320	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	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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

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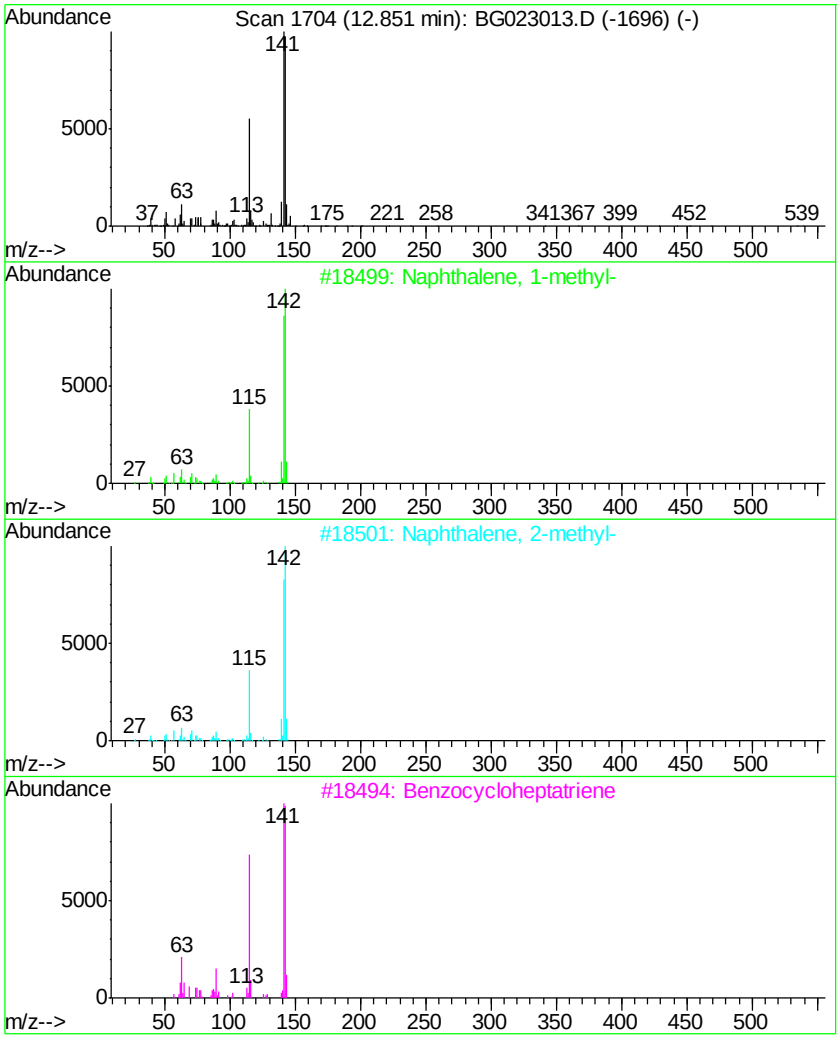
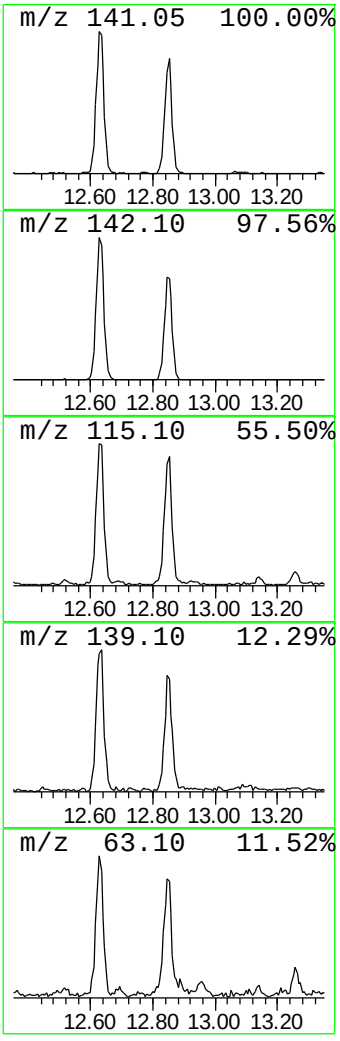
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	23.56 ng	1518760	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Tentatively Identified Compound (LSC) summary

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Data File : BG023013.D
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Operator : UM/SJ
Sample : H3967-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, methyl-	3.80	17.3	ng	583983	1	8.15	673807	20.0
Benzene, (1-methy...	6.62	53.8	ng	1813470	1	8.15	673807	20.0
Benzene, propyl-	7.12	49.6	ng	1672290	1	8.15	673807	20.0
Benzene, 1-ethyl-...	7.53	127.8	ng	4307180	1	8.15	673807	20.0
unknown7.68	7.68	81.7	ng	2753890	1	8.15	673807	20.0
Benzene, 1,2,3-tr...	7.79	305.3	ng	10286900	1	8.15	673807	20.0
Indane	8.53	23.2	ng	782159	1	8.15	673807	20.0
Benzene, 1,4-diet...	8.64	12.1	ng	407929	1	8.15	673807	20.0
2-Tolyloxirane	8.79	19.1	ng	641876	1	8.15	673807	20.0
Benzene, 1-methyl...	8.96	22.9	ng	773293	1	8.15	673807	20.0
Benzene, 2-ethyl-...	9.11	19.5	ng	656065	1	8.15	673807	20.0
Benzene, 1-ethyl-...	9.16	32.0	ng	1079880	1	8.15	673807	20.0
Benzene, 1-methyl...	9.26	32.8	ng	1104300	1	8.15	673807	20.0
Benzene, 1,2,3,4-...	9.85	13.1	ng	843320	2	10.98	1289340	20.0
Naphthalene, 1-me...	12.85	23.6	ng	1518760	2	10.98	1289340	20.0