LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

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-BG062516.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	3.828	161	168	173	rBV2	272182	436372	1.78%	0.151%
2	4.304	241	249	260	rBV	1757443	2722286	11.08%	0.943%
3	4.639	297	306	314	rVB	202095	394420	1.60%	0.137%
4	5.644	470	477	483	rVV	2784940	4630806	18.84%	1.605%
5	5.714	483	489	494	rVV2	1272473	2328027	9.47%	0.807%
6	5.779	494	500	517	rVB	4792184	11989039	48.78%	4.154%
7	6.149	554	563	573	rBV	1999177	3400176	13.84%	1.178%
8	6.337	583	595	598	rBV3	165027	390297	1.59%	0.135%
9	6.631	635	645	649	rBV3	325660	775649	3.16%	0.269%
10	7.130	723	730	735	rBV	242858	479288	1.95%	0.166%
11	7.236	739	748	752	rVV	930651	1592326	6.48%	0.552%
12	7.300	752	759	768	rVV2	3319765	7462689	30.37%	2.586%
13	7.371	768	771	776	rVB	551077	813518	3.31%	0.282%
14	7.541	791	800	806	rBV2	667562	1402304	5.71%	0.486%
15	7.618	806	813	821	rVV6	301896	1137861	4.63%	0.394%
16	7.694	821	826	833	rVB	2202335	3870056	15.75%	1.341%
17	7.800	838	844	854	rVB	1738026	2936973	11.95%	1.018%
18	8.164	900	906	910	rVV	530314	1050432	4.27%	0.364%
19	8.276	918	925	931	rVB	869180	1609741	6.55%	0.558%
20	8.411	940	948	952	rBV	468025	1079446	4.39%	0.374%
21	8.487	955	961	966	rBV	1894405	3619982	14.73%	1.254%
22	8.534	966	969	972	rBV4	251810	404950	1.65%	0.140%
23	8.834	1010	1020	1021	rBV6	208876	397297	1.62%	0.138%
24	8.869	1021	1026	1033	rVB	811112	1484274	6.04%	0.514%
25	9.016	1034	1051	1055	rBV	9839761	24575409	100.00%	8.516%
26	9.075	1055	1061	1067	rVB	6818809	12497010	50.85%	4.330%
27	9.316	1091	1102	1112	rBV2	6079598	18284128	74.40%	6.336%
28	9.574	1139	1146	1149	rBV2	666190	1273320	5.18%	0.441%
29	9.668	1157	1162	1166	rVB4	338089	533404	2.17%	0.185%
30	9.845	1180	1192	1199	rVB5	736909	2179291	8.87%	0.755%
31	9.986	1205	1216	1221	rBV4	2073488	4879757	19.86%	1.691%
32	10.050	1221	1227	1239	rVB2	6555608	17676346	71.93%	6.125%
33	10.179	1239	1249	1255	rBV2	2168215	5217862	21.23%	1.808%
34	10.332	1265	1275	1279	rBV5	382661	963212	3.92%	0.334%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.385	1279	1284	1286	rVV3	510245	912645	3.71%	0.316%
36	10.414	1286	1289	1296	rVV	638297	1167800	4.75%	0.405%
37	10.491	1296	1302	1306	rVV3	765076	1472951	5.99%	0.510%
38	10.561	1306	1314	1326	rVV2	3705182	10115557	41.16%	3.505%
39	10.685	1328	1335	1341	rVV	2661203	4762354	19.38%	1.650%
40	10.749	1341	1346	1358	rVB6	596501	1619018	6.59%	0.561%
41	10.914	1367	1374	1377	rVV	2119298	3767925	15.33%	1.306%
42	10.955	1377	1381	1385	rVV	1708619	3130488	12.74%	1.085%
43	10.996	1385	1388	1391	rVV	804708	1249279	5.08%	0.433%
44	11.043	1391	1396	1402	rVV	1638887	2880025	11.72%	0.998%
45	11.131	1408	1411	1414	rVV2	283702	439033	1.79%	0.152%
46	11.172	1415	1418	1423	rVB4	316081	492440	2.00%	0.171%
47	11.261	1423	1433	1442	rBV9	429285	1525559	6.21%	0.529%
48	11.402	1450	1457	1464	rBV5	910332	2417457	9.84%	0.838%
49	11.478	1466	1470	1475	rVB3	593410	1113574	4.53%	0.386%
50	11.537	1475	1480	1485	rBV2	1394937	3030232	12.33%	1.050%
51	11.613	1486	1493	1499	rVB2	2710432	6336645	25.78%	2.196%
52	11.689	1499	1506	1517	rVB3	2763024	5860207	23.85%	2.031%
53	11.789	1517	1523	1524	rBV4	460123	732207	2.98%	0.254%
54	11.860	1530	1535	1536	rBV4	343757	545717	2.22%	0.189%
55	11.907	1537	1543	1544	rBV4	730313	1224779	4.98%	0.424%
56	12.089	1559	1574	1585	rBV4	1534186	6289302	25.59%	2.179%
57	12.183	1585	1590	1597	rVB2	1037813	2033866	8.28%	0.705%
58	12.300	1597	1610	1613	rBV3	731498	1854881	7.55%	0.643%
59	12.336	1613	1616	1619	rVV2	386644	549862	2.24%	0.191%
60	12.365	1619	1621	1628	rVB3	427045	680061	2.77%	0.236%
61	12.535	1645	1650	1653	rBV2	359203	585499	2.38%	0.203%
62	12.571	1653	1656	1658	rVV2	373454	540791	2.20%	0.187%
63	12.594	1658	1660	1664	rVV4	466986	716611	2.92%	0.248%
64	12.641	1664	1668	1674	rVV3	771457	1693299	6.89%	0.587%
65	12.700	1674	1678	1681	rVV	547764	861388	3.51%	0.298%
66	12.729	1681	1683	1687	rVB2	391551	443966	1.81%	0.154%
67	12.788	1688	1693	1698	rVB4	721044	1058608	4.31%	0.367%
68	12.859	1700	1705	1709	rVV2	528067	931118	3.79%	0.323%
69	12.906	1709	1713	1716	rVV3	548653	997924	4.06%	0.346%
70	12.953	1717	1721	1725	rVV4	615466	1101857	4.48%	0.382%
71	13.088	1725	1744	1750	rVB4	3662553	12766901	51.95%	4.424%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.147	1750	1754	1757	rBV5	323010	523894	2.13%	0.182%
73	13.205	1757	1764	1770	rVV3	950527	2088822	8.50%	0.724%
74	13.258	1770	1773	1776	rVV4	369979	589534	2.40%	0.204%
75	13.299	1776	1780	1785	rVB3	712816	1180468	4.80%	0.409%
76	13.382	1790	1794	1796	rVV2	452606	777584	3.16%	0.269%
77	13.429	1796	1802	1807	rVB	4786508	7993045	32.52%	2.770%
78	13.481	1807	1811	1817	rBV6	284540	450576	1.83%	0.156%
79	13.564	1821	1825	1829	rBV4	245912	531522	2.16%	0.184%
80	13.628	1829	1836	1840	rVV3	800409	1554862	6.33%	0.539%
81	13.769	1854	1860	1868	rVB5	834673	1578420	6.42%	0.547%
82	13.846	1868	1873	1877	rBV	652566	1076609	4.38%	0.373%
83	13.910	1877	1884	1887	rBV5	202499	458350	1.87%	0.159%
84	14.057	1906	1909	1914	rVB4	307049	406426	1.65%	0.141%
85	14.110	1914	1918	1924	rBV4	541103	939720	3.82%	0.326%
86	14.328	1951	1955	1963	rVB5	498960	972754	3.96%	0.337%
87	14.410	1963	1969	1972	rBV7	269027	597466	2.43%	0.207%
88	14.451	1972	1976	1984	rVB2	964948	1735392	7.06%	0.601%
89	14.527	1984	1989	1993	rBV7	215477	449699	1.83%	0.156%
90	14.621	1999	2005	2013	rVB8	420026	1035529	4.21%	0.359%
91	14.803	2029	2036	2043	rVB3	2170850	3778008	15.37%	1.309%
92	15.074	2077	2082	2086	rVB4	352729	521405	2.12%	0.181%
93	15.285	2113	2118	2122	rBV4	238924	502919	2.05%	0.174%
94	15.561	2160	2165	2172	rVB7	279388	672151	2.74%	0.233%
95	16.296	2284	2290	2301	rVB	4712307	7707626	31.36%	2.671%
96	17.559	2500	2505	2513	rVB2	1713741	2631689	10.71%	0.912%
97	17.823	2547	2550	2555	rVB	412405	503601	2.05%	0.175%
98	20.162	2942	2948	2954	rVB	6616039	9224633	37.54%	3.196%
99	21.854	3231	3236	3242	rVB2	1746296	2928442	11.92%	1.015%
100	25.221	3801	3809	3819	rVB2	948090	2785293	11.33%	0.965%

Sum of corrected areas: 288586213

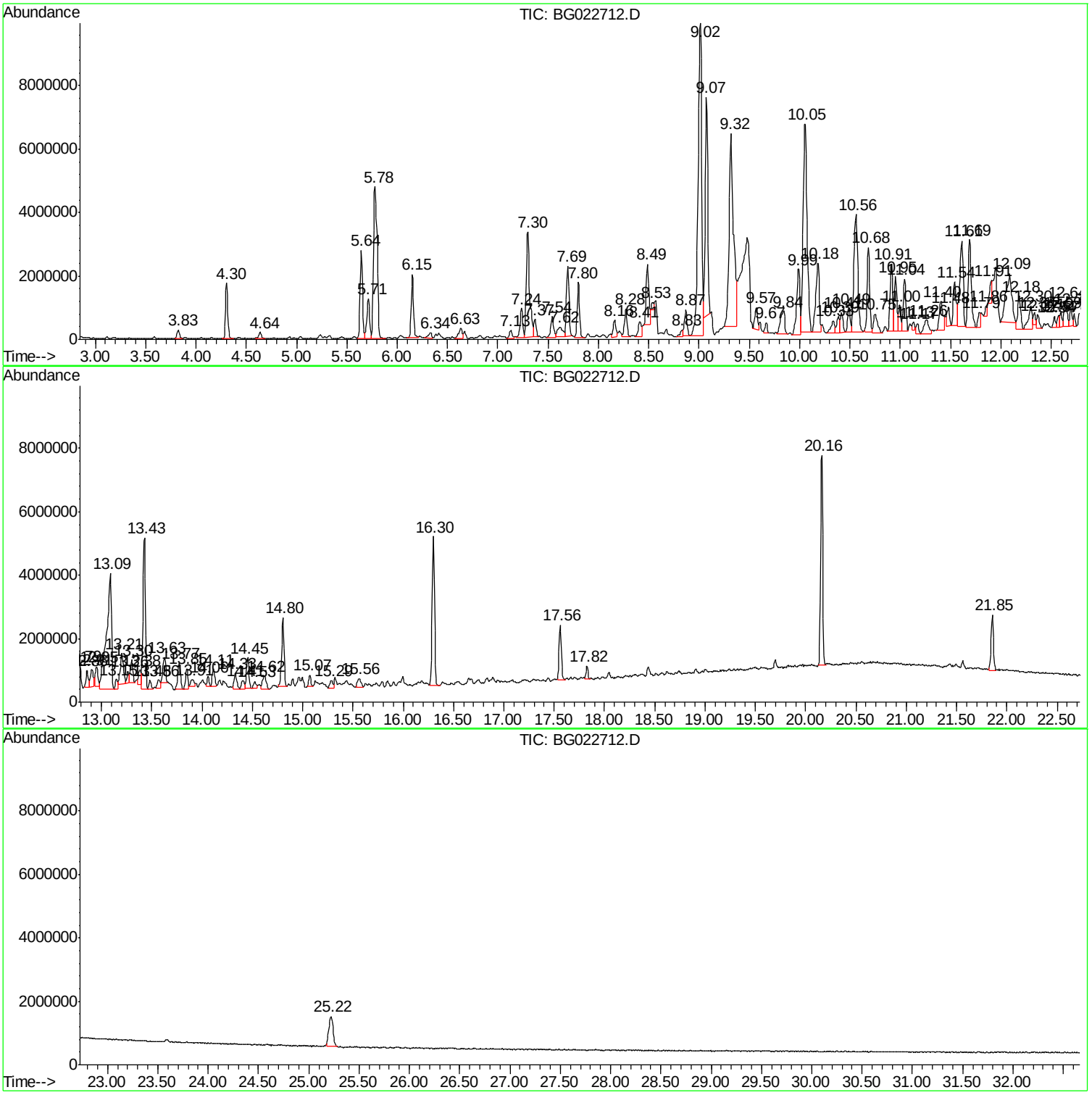
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

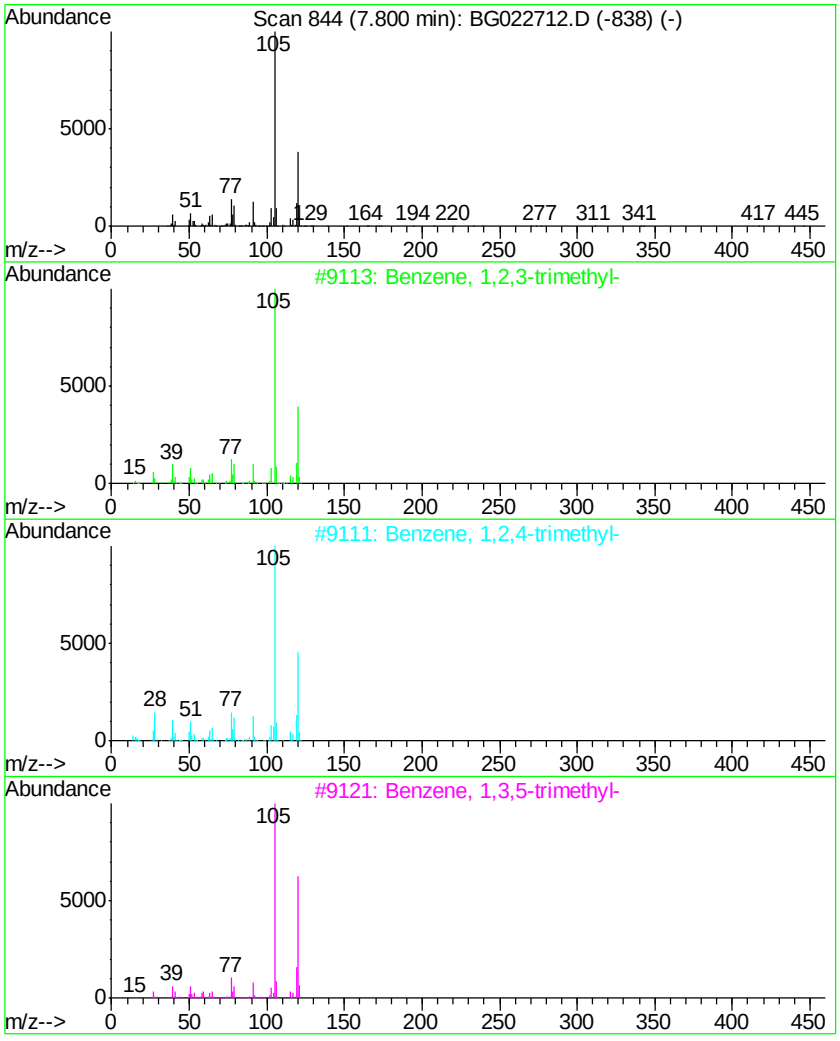
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

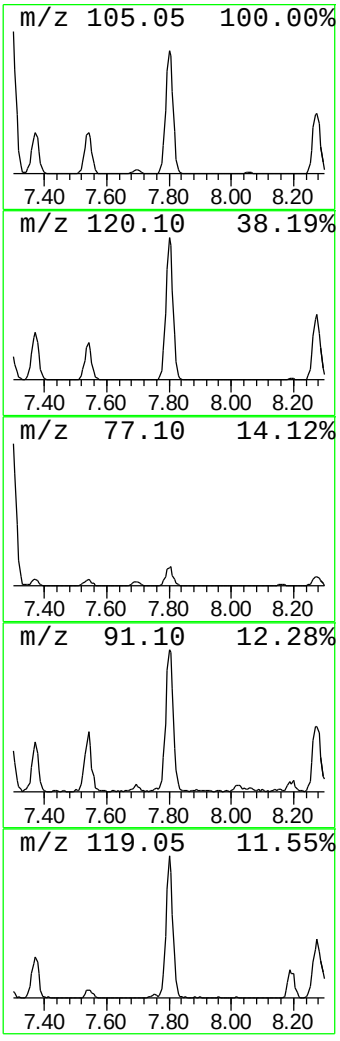
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	55.92 ng	2936970	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

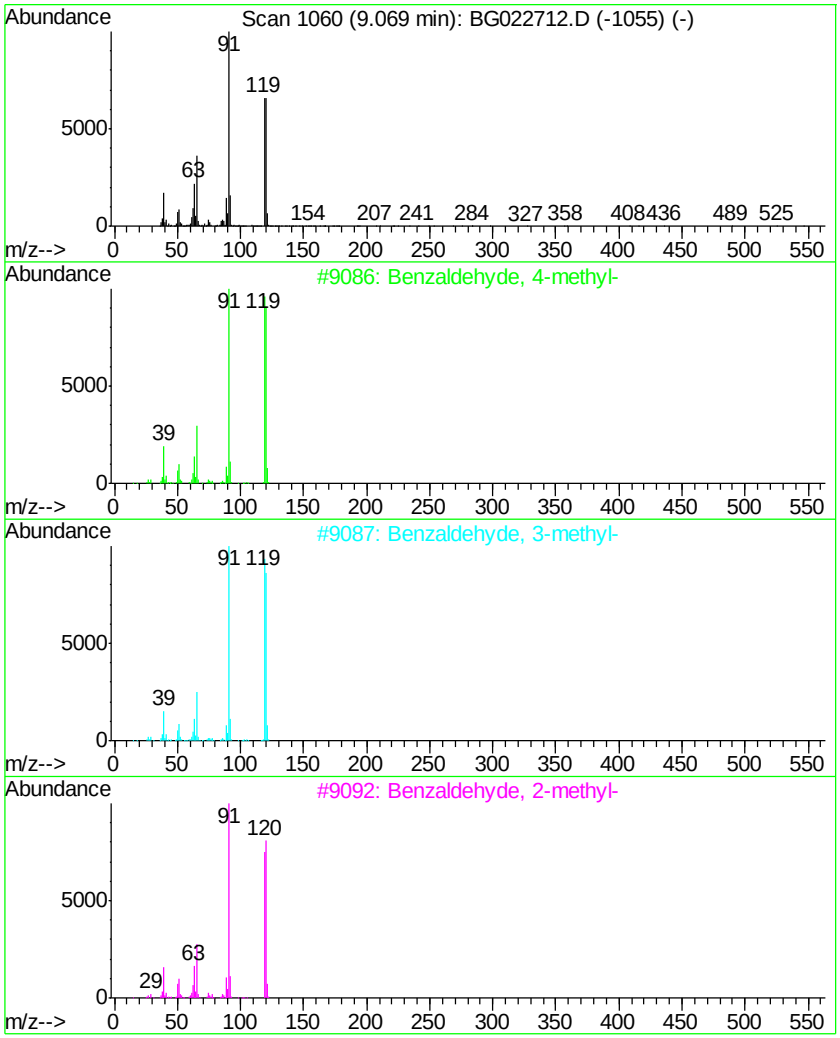
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

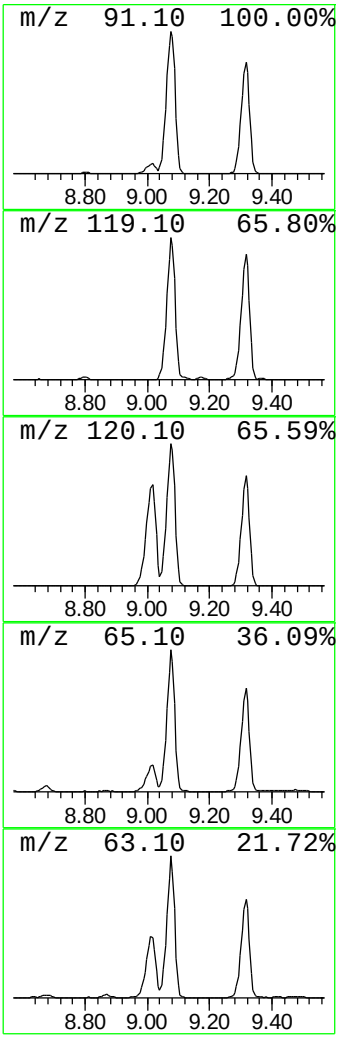
****

Peak Number 8 Benzaldehyde, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	237.94 ng	12497000	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	94
2	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	94
3	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	94
4	Phthalan	120	C8H8O	000496-14-0	91
5	4-Methylbenzoyl isothiocyanate	177	C9H7NOS	016794-68-6	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
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Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

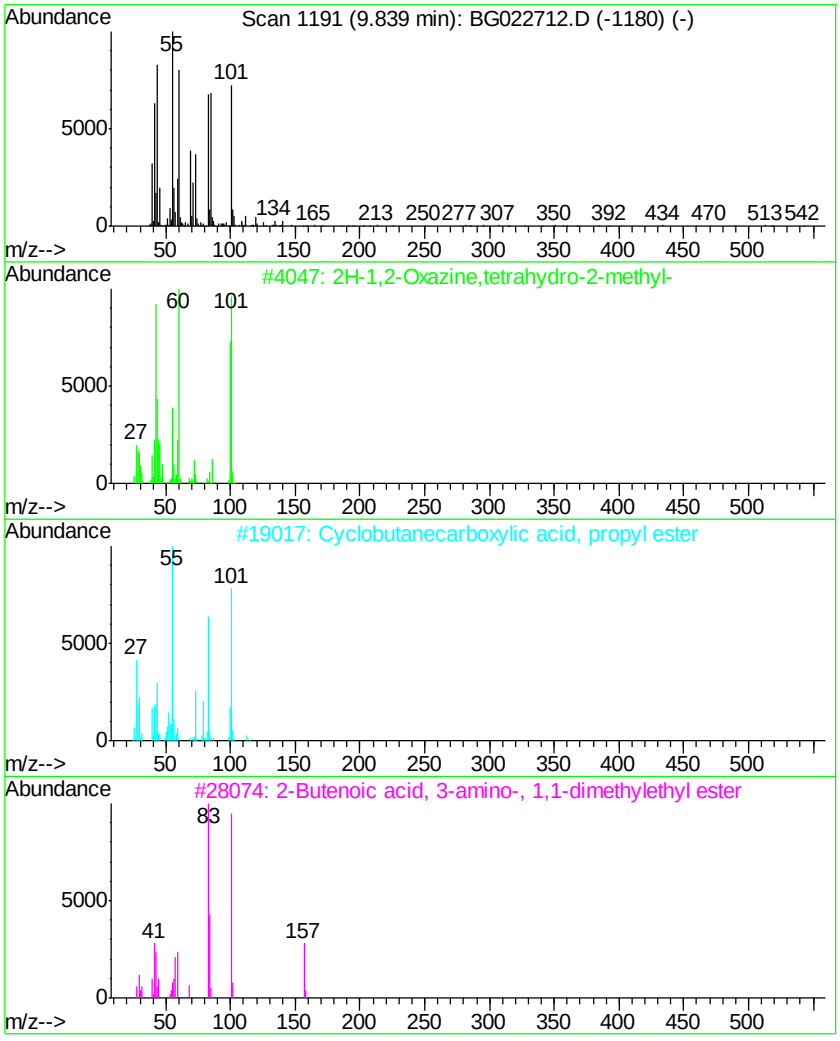
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

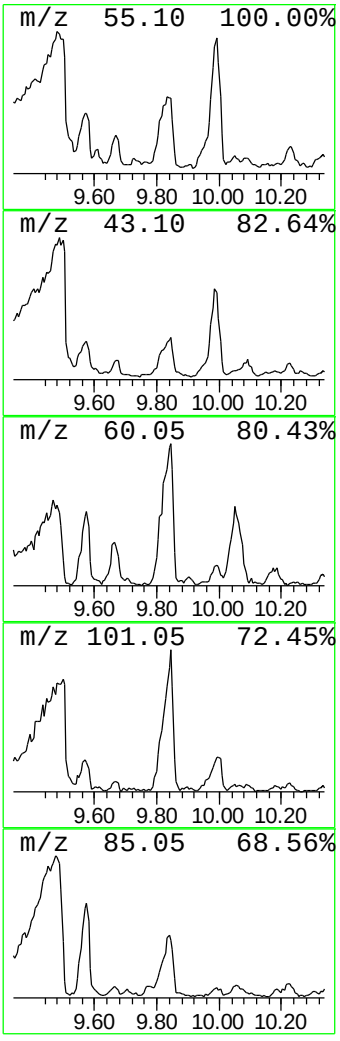
****

Peak Number 9 unknown9.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	34.89 ng	2179290	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2-Oxazine,tetrahydro-2-methyl-	101	C5H11NO	022445-43-8	46
2	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	43
3	2-Butenoic acid, 3-amino-, 1,1-d...	157	C8H15NO2	014205-43-7	38
4	2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1000191-06-9	35
5	7,7,8,8-Tetramethyl-6,9-dioxa-1,...	184	C9H16N2O2	1000295-03-2	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

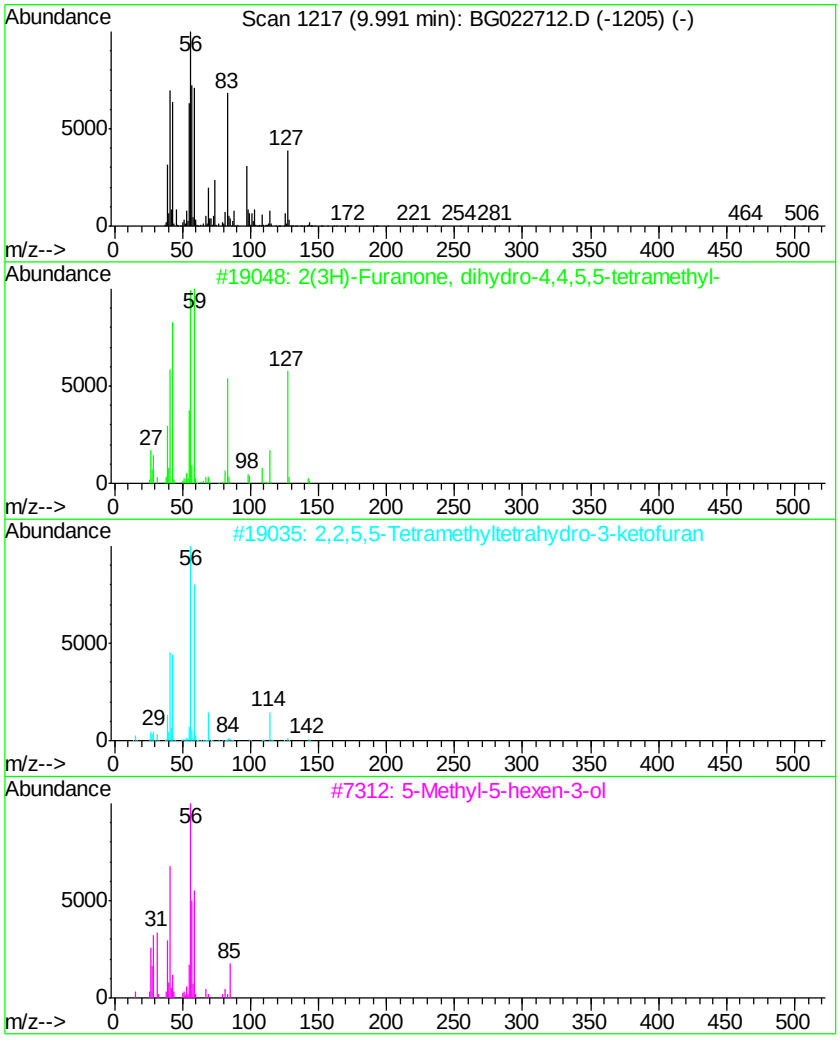
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

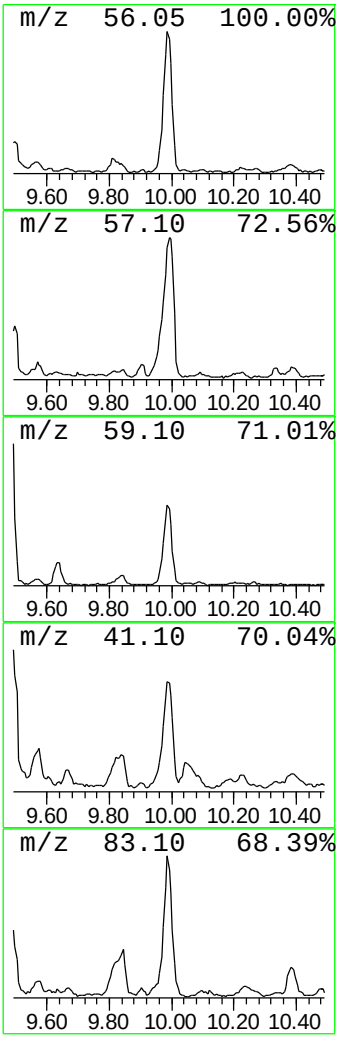
****

Peak Number 10 unknown9.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	78.12 ng	4879760	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	47
2	2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	43
3	5-Methyl-5-hexen-3-ol	114	C7H14O	067760-89-8	38
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	27
5	3,3-Dimethylpyrrolidine-2,5-dione	127	C6H9NO2	003437-29-4	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

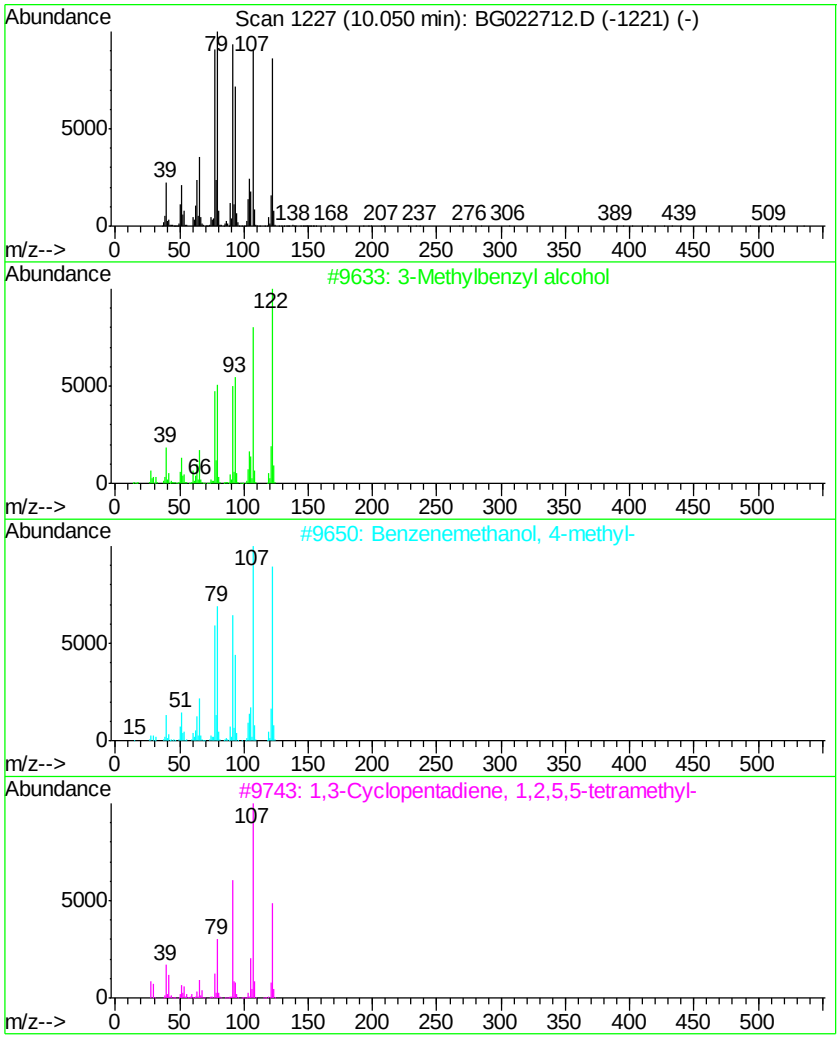
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

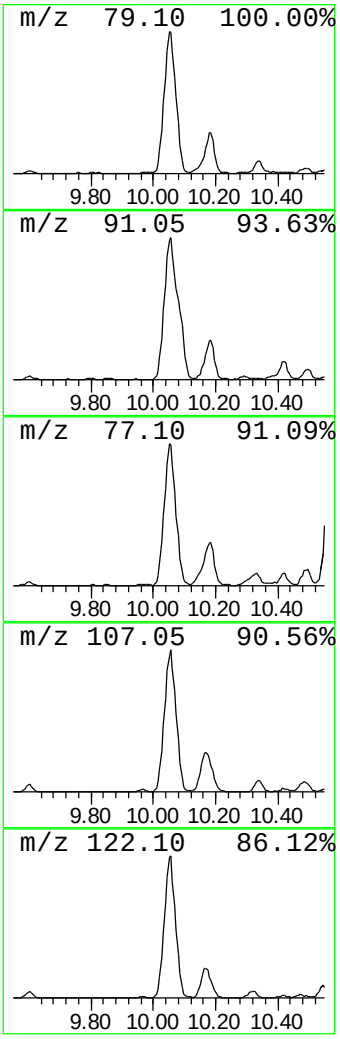
****

Peak Number 11 3-Methylbenzyl alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	282.99 ng	17676300	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	97
2	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	94
3	1,3-Cyclopentadiene, 1,2,5,5-tet...	122	C9H14	004249-12-1	70
4	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	70
5	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

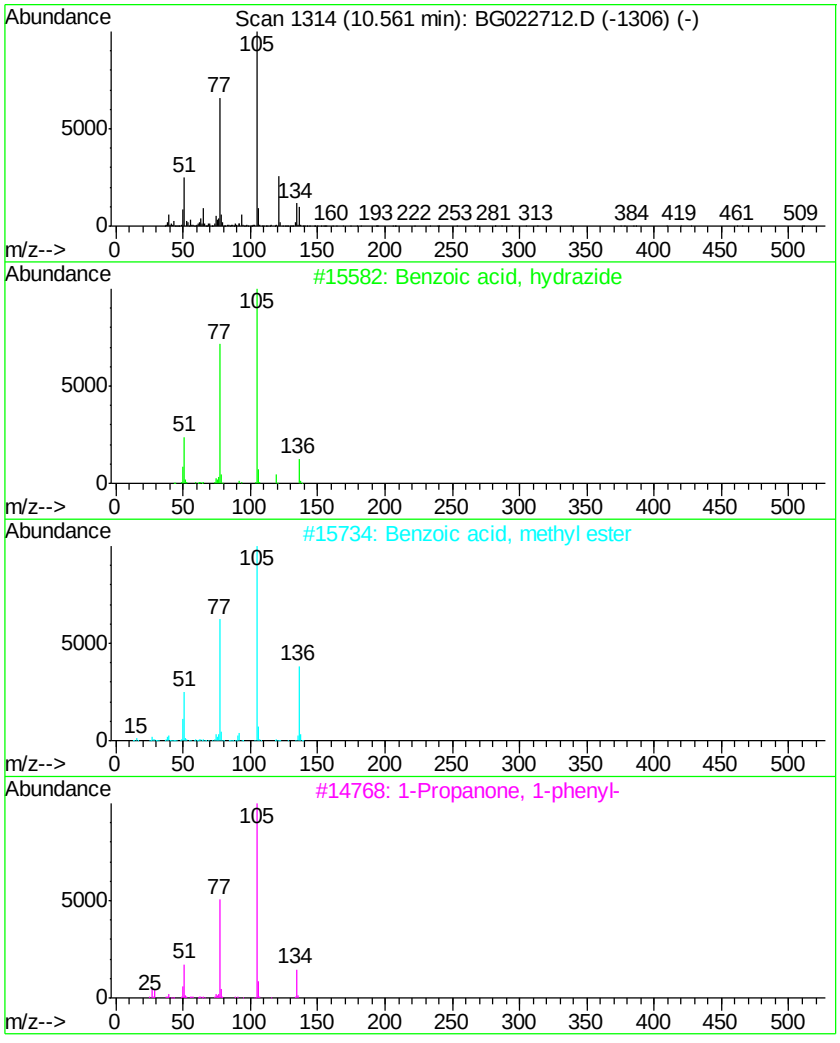
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

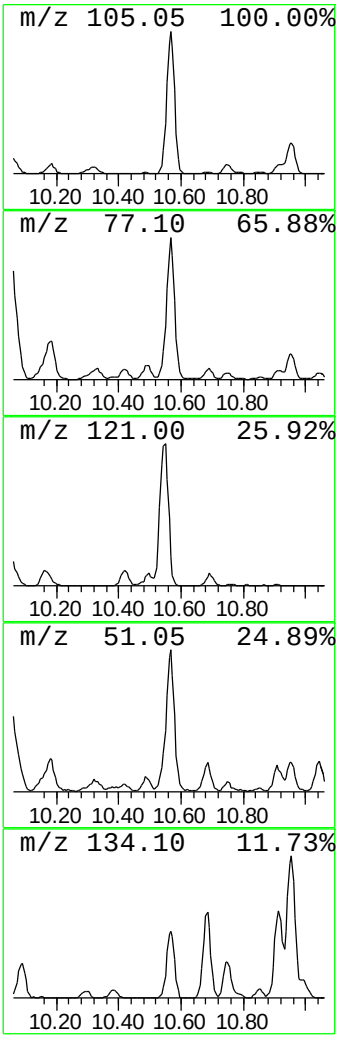
****

Peak Number 12 Benzoic acid, hydrazide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	161.94 ng	10115600	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, hydrazide	136	C7H8N2O	000613-94-5	81
2	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	74
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	72
4	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	64
5	2-Benzoyloxyacetophenone	240	C15H12O3	004010-33-7	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

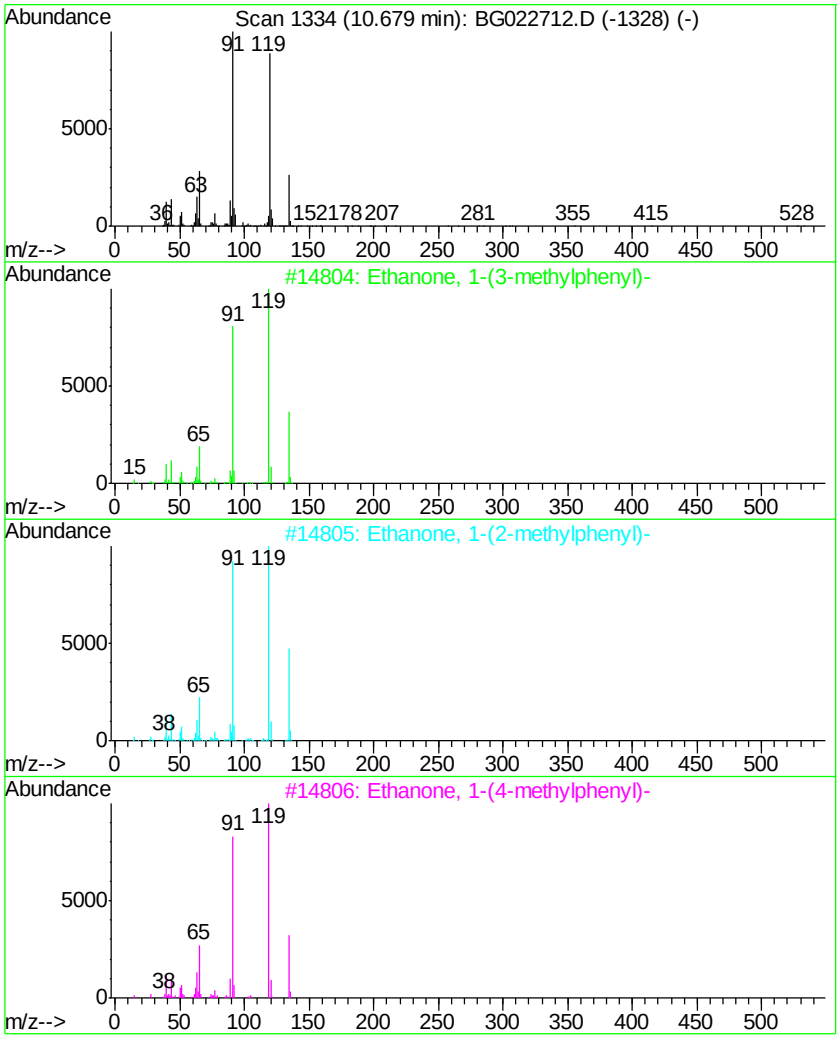
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

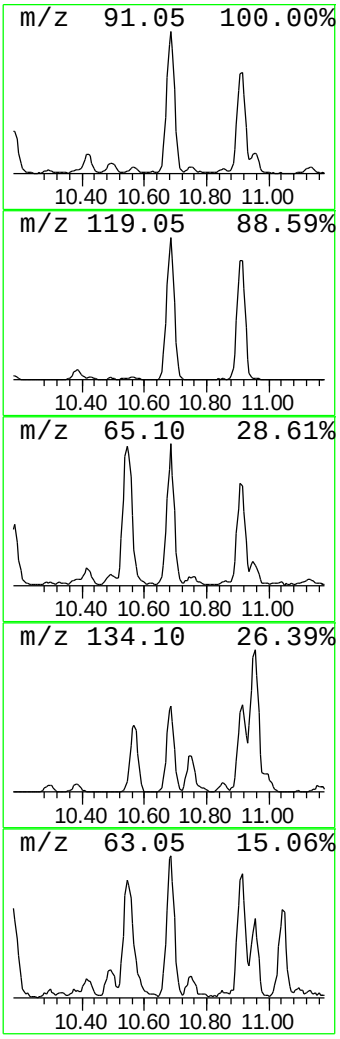
****

Peak Number 13 Ethanone, 1-(3-methylphenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	76.24 ng	4762350	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	95
2	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	93
3	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	93
4	Benzeneacetic acid, 4-methyl-.al...	164	C9H8O3	007163-50-0	64
5	3-Methylbenzoyl isothiocyanate	177	C9H7NOS	028115-86-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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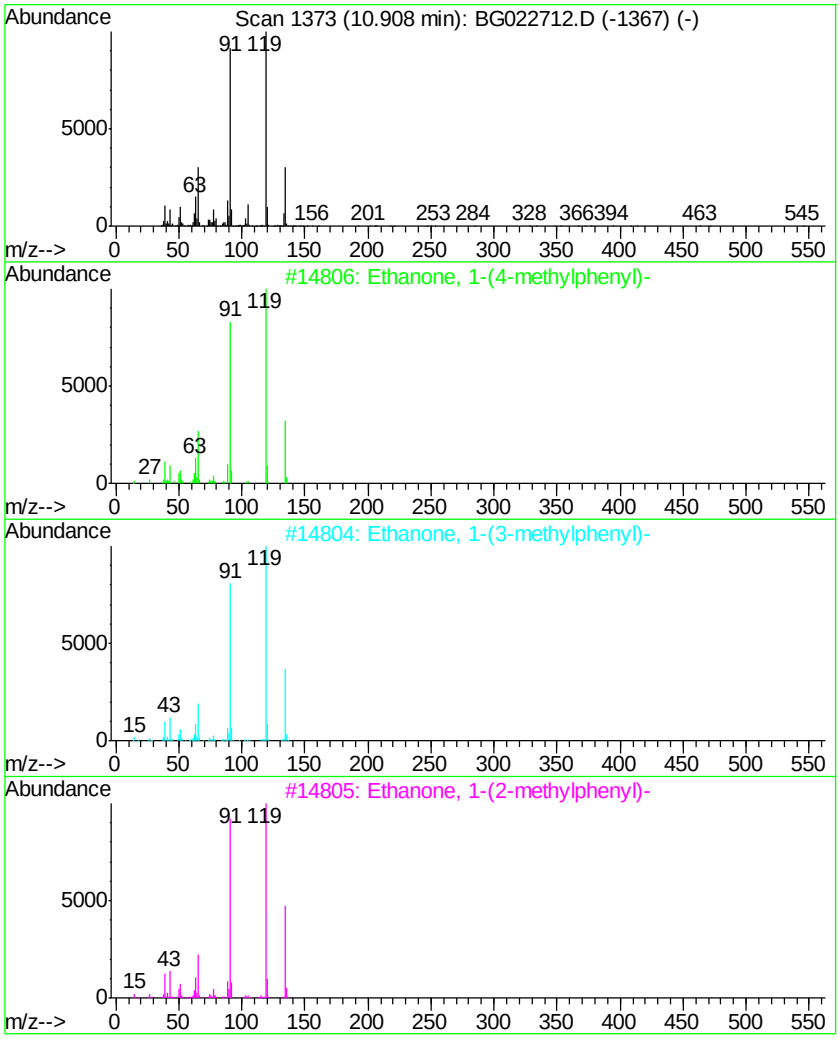
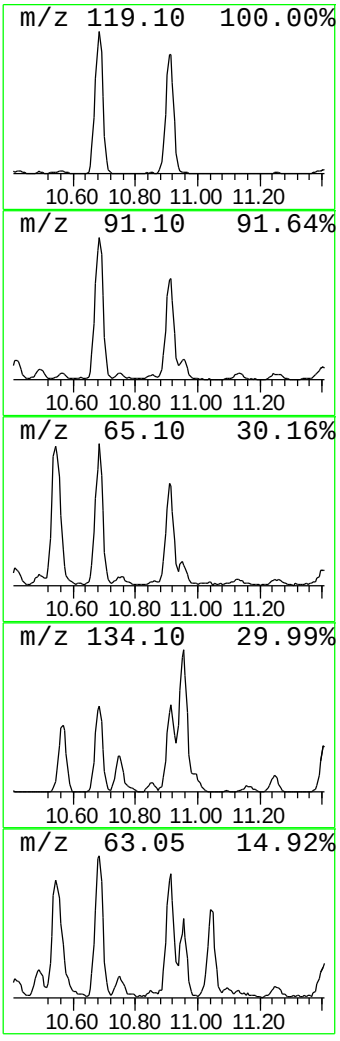
Peak Number 14 Ethanone, 1-(4-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	60.32 ng	3767930	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	94
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	91
3	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	74
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzeneacetic acid, 4-methyl-.al...	164	C9H8O3	007163-50-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

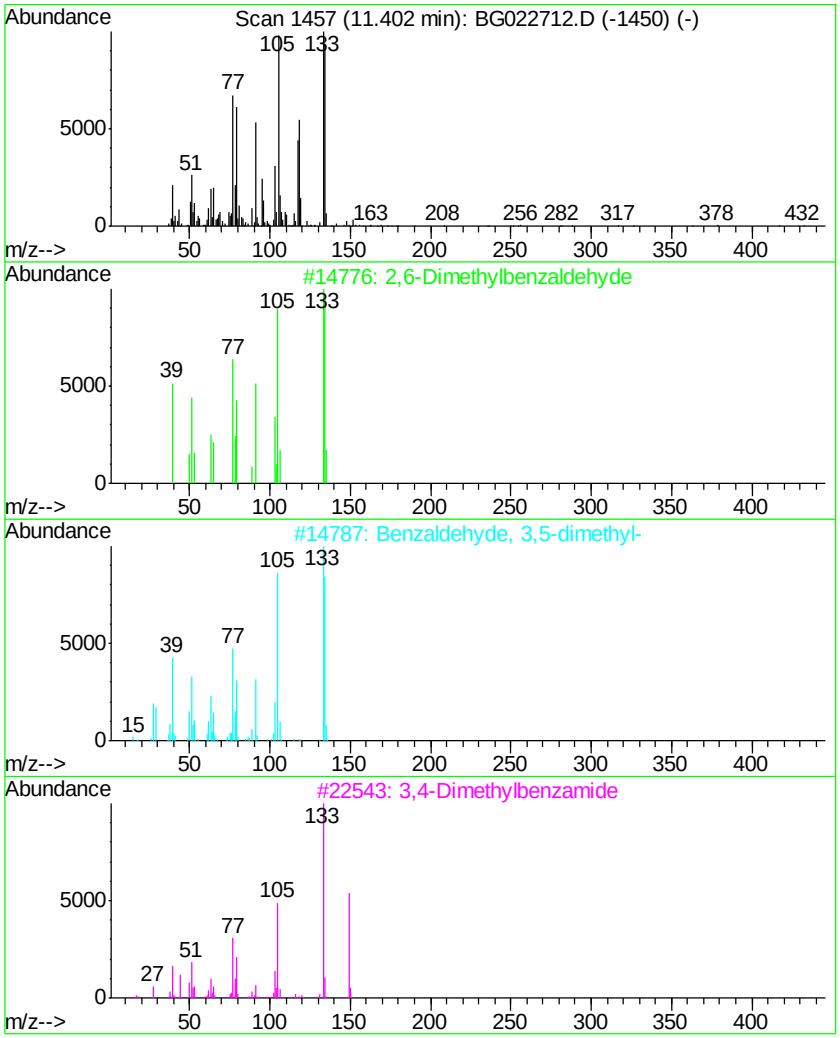
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

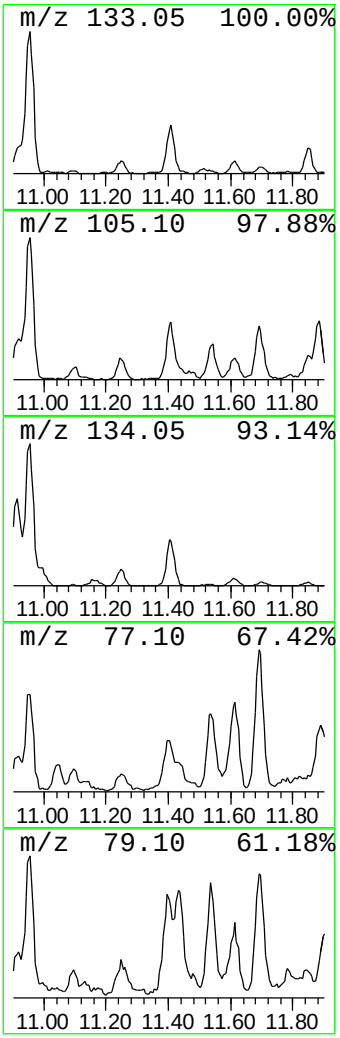
****

Peak Number 15 2,6-Dimethylbenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	38.70 ng	2417460	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylbenzaldehyde	134	C9H10O	001123-56-4	70
2	Benzaldehyde, 3,5-dimethyl-	134	C9H10O	005779-95-3	60
3	3,4-Dimethylbenzamide	149	C9H11NO	005580-33-6	55
4	Benzaldehyde, 4-ethyl-	134	C9H10O	004748-78-1	45
5	Benzaldehyde, 2,5-dimethyl-	134	C9H10O	005779-94-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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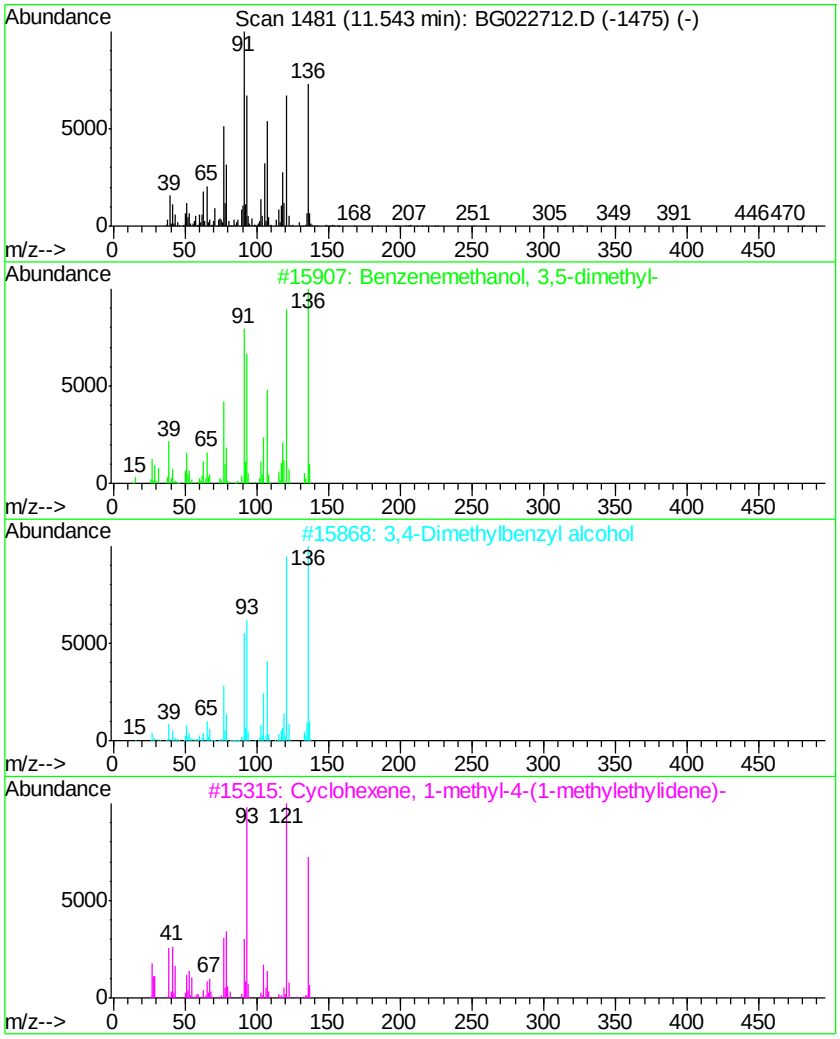
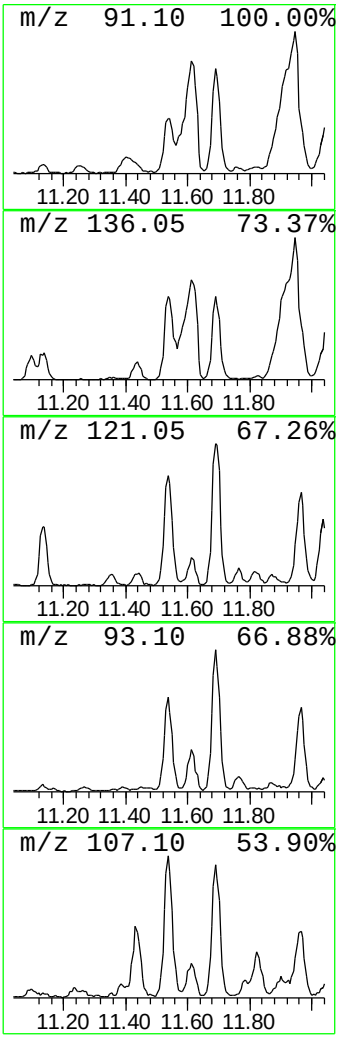
Peak Number 16 Benzenemethanol, 3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	48.51 ng	3030230	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	97
2	3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	81
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	62
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
5	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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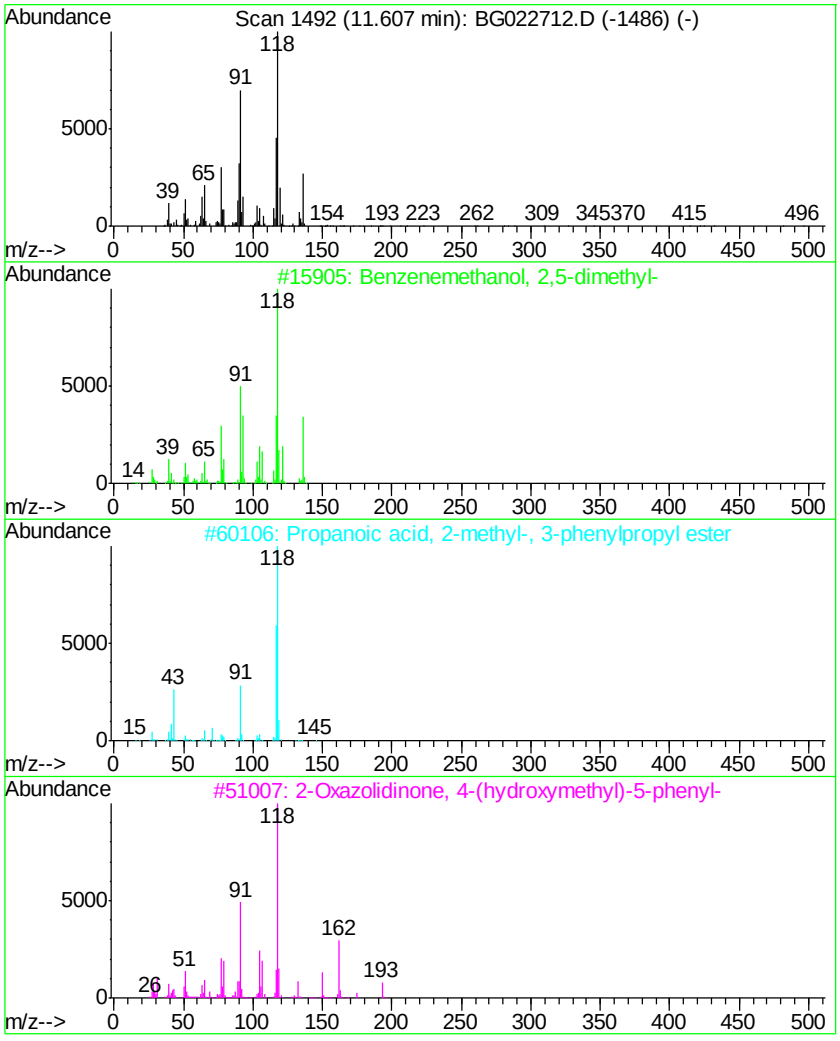
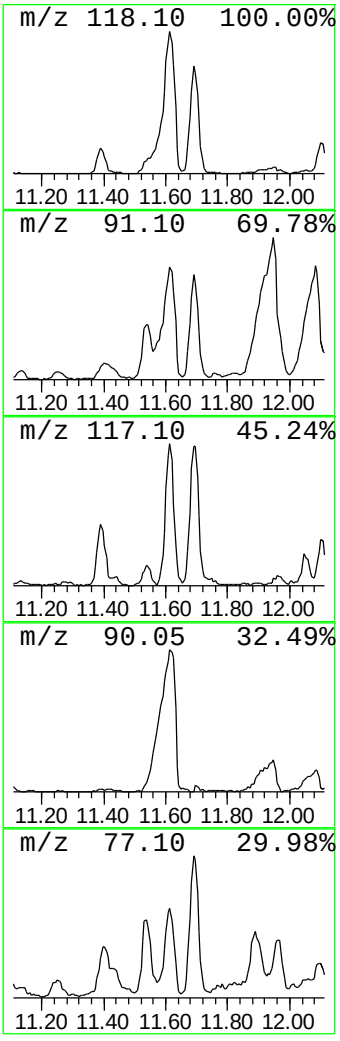
Peak Number 17 Benzenemethanol, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	101.45 ng	6336650	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	81
2	Propanoic acid, 2-methyl-, 3-phe...	206	C13H18O2	000103-58-2	47
3	2-Oxazolidinone, 4-(hydroxymethy...	193	C10H11NO3	062941-30-4	47
4	2-Phenyl-1-phenylsulfonylaziridine	259	C14H13NO2S	019871-46-6	43
5	N-(2,2-Dimethylpropylidene)-o-to...	175	C12H17N	1000186-27-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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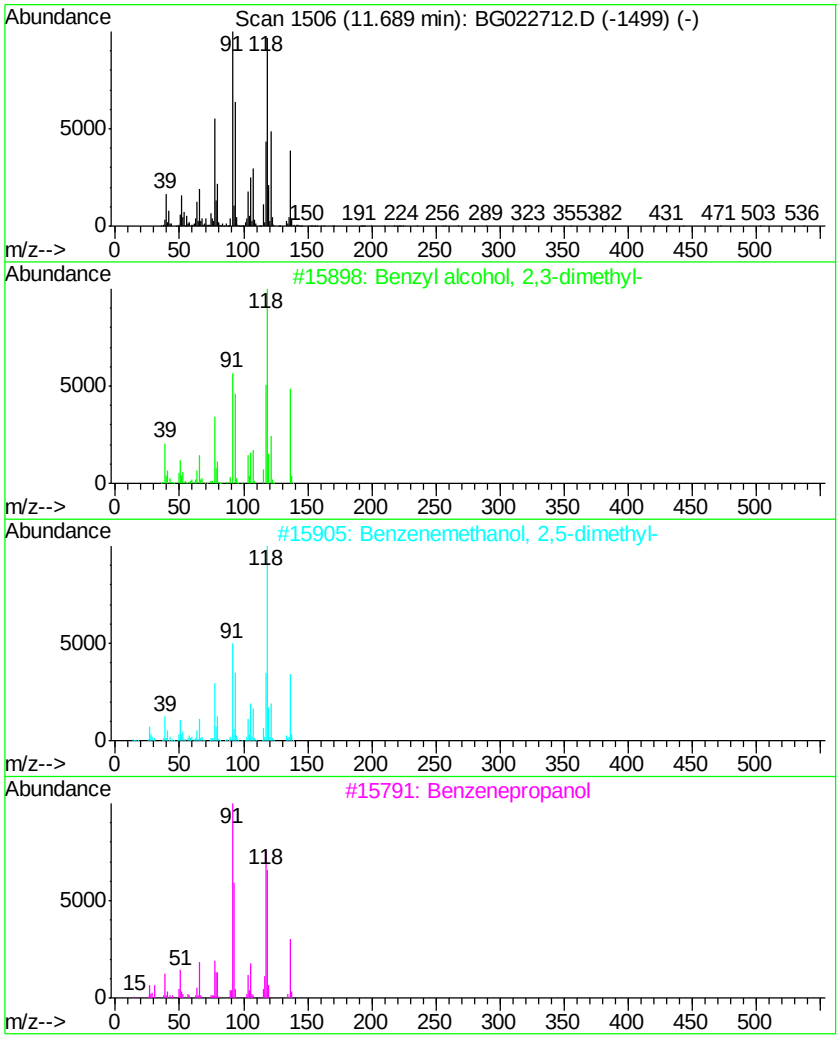
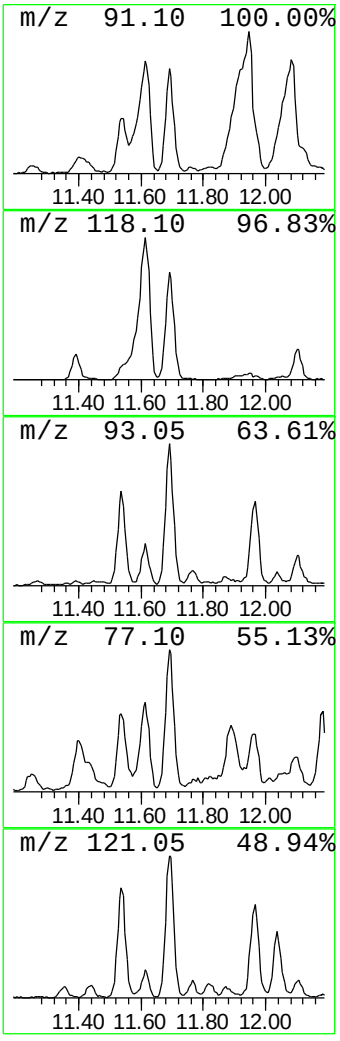
Peak Number 18 Benzyl alcohol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	93.82 ng	5860210	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol, 2,3-dimethyl-	136	C9H12O	013651-14-4	91
2	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	58
3	Benzenepropanol	136	C9H12O	000122-97-4	45
4	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	43
5	1,3-Propanediol, 2-methyl-2-phenyl-	166	C10H14O2	024765-53-5	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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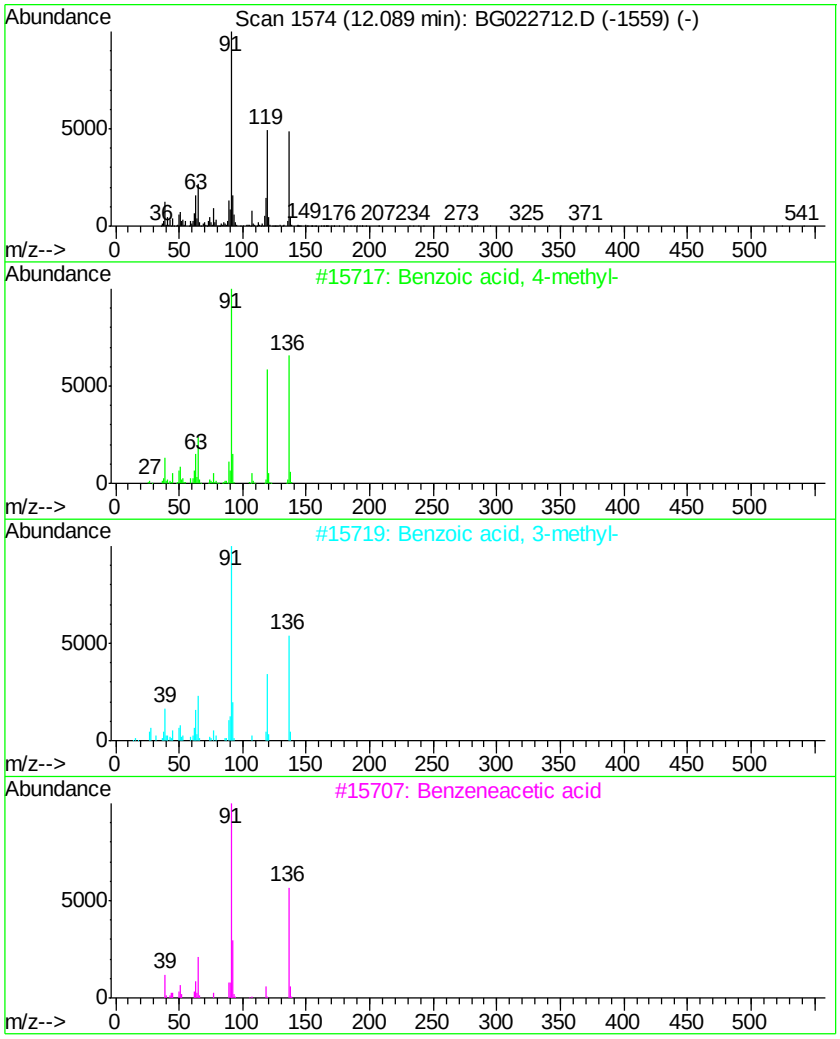
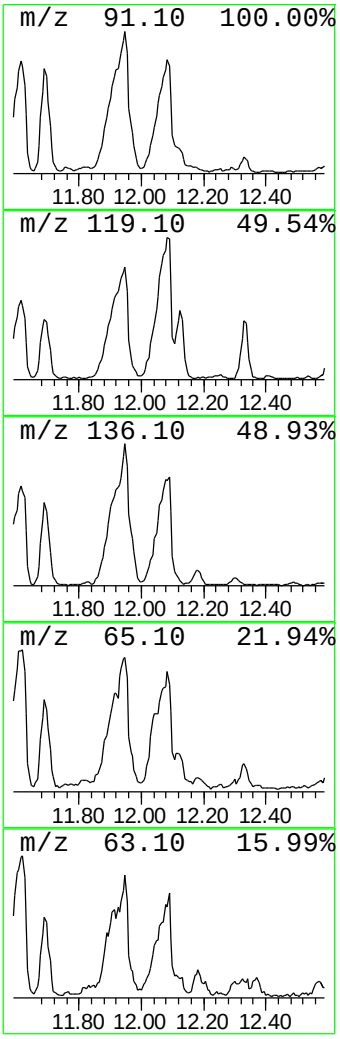
Peak Number 19 Benzoic acid, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	100.69 ng	6289300	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	81
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	60
4	m-Toluamide	135	C8H9NO	000618-47-3	53
5	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

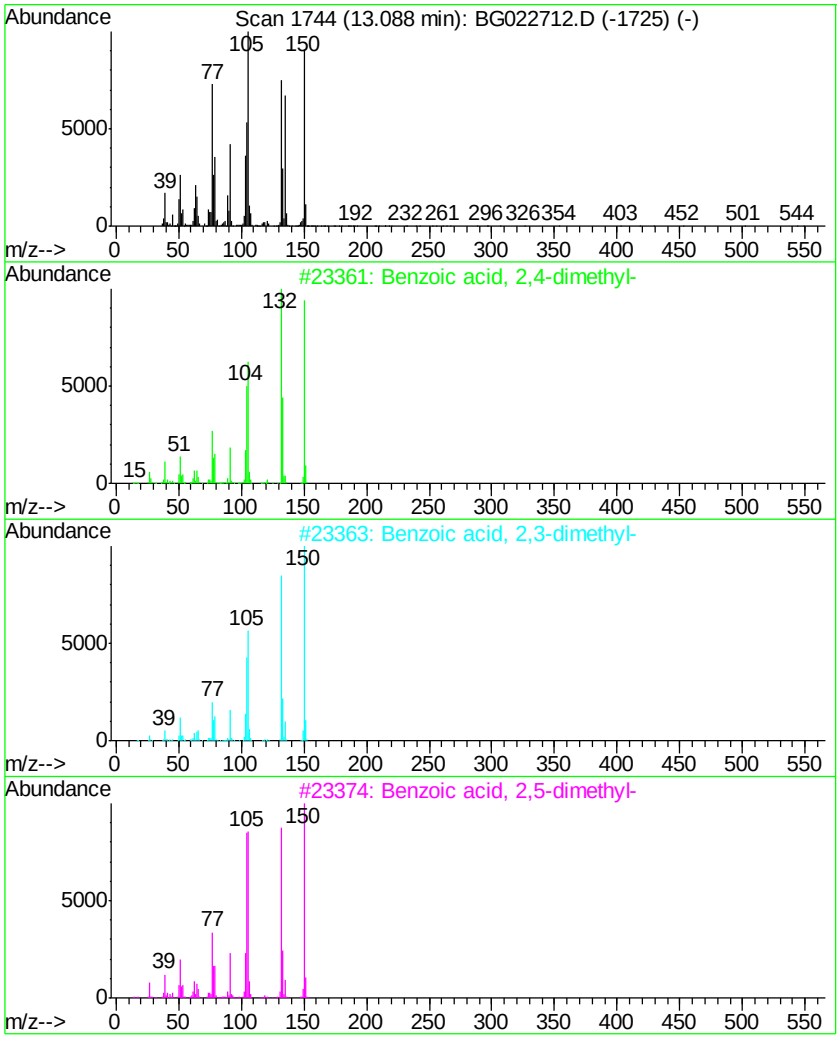
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

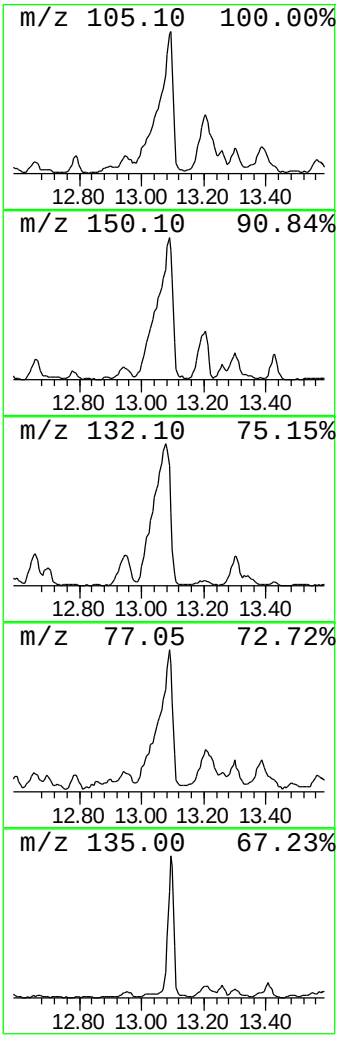
****

Peak Number 20 Benzoic acid, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	67.59 ng	12766900	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	89
2	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	68
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	58
4	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	50
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022712.D
Acq On : 30 Jun 2016 3:19
Operator : UM/SJ
Sample : H3828-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0578

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
Benzene, 1,2,3-tr...	7.80	55.9	ng	2936970	1	8.16	1050430	20.0
Benzaldehyde, 4-m...	9.07	237.9	ng	12497000	1	8.16	1050430	20.0
unknown9.84	9.84	34.9	ng	2179290	2	10.99	1249280	20.0
unknown9.99	9.99	78.1	ng	4879760	2	10.99	1249280	20.0
3-Methylbenzyl al...	10.05	283.0	ng	17676300	2	10.99	1249280	20.0
Benzoic acid, hyd...	10.56	161.9	ng	10115600	2	10.99	1249280	20.0
Ethanone, 1-(3-me...	10.68	76.2	ng	4762350	2	10.99	1249280	20.0
Ethanone, 1-(4-me...	10.91	60.3	ng	3767930	2	10.99	1249280	20.0
2,6-Dimethylbenza...	11.40	38.7	ng	2417460	2	10.99	1249280	20.0
Benzenemethanol, ...	11.54	48.5	ng	3030230	2	10.99	1249280	20.0
Benzenemethanol, ...	11.61	101.5	ng	6336650	2	10.99	1249280	20.0
Benzyl alcohol, 2...	11.69	93.8	ng	5860210	2	10.99	1249280	20.0
Benzoic acid, 4-m...	12.09	100.7	ng	6289300	2	10.99	1249280	20.0
Benzoic acid, 2,4...	13.09	67.6	ng	12766900	3	14.80	3778010	20.0