LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

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-BG021116.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	3.251	64	70	79	rBV	54264	97972	7.07%	0.851%
2	3.328	79	83	92	rVB	35682	52199	3.77%	0.454%
3	5.325	418	423	428	rBV	16318	23317	1.68%	0.203%
4	5.801	497	504	513	rVB	111344	176282	12.73%	1.532%
5	6.735	657	663	670	rBV	28362	44830	3.24%	0.390%
6	7.234	741	748	753	rBV	28818	47506	3.43%	0.413%
7	7.410	769	778	790	rBV	76945	135785	9.80%	1.180%
8	7.798	836	844	850	rBV	249681	430198	31.06%	3.738%
9	8.162	902	906	912	rVB	15826	26549	1.92%	0.231%
10	8.268	915	924	930	rVB	64842	108413	7.83%	0.942%
11	8.597	969	980	985	rBV	265691	477903	34.51%	4.153%
12	8.644	985	988	994	rVB	22147	34105	2.46%	0.296%
13	8.756	1001	1007	1012	rBV	38675	60716	4.38%	0.528%
14	8.908	1028	1033	1037	rBV3	10330	16973	1.23%	0.147%
15	8.961	1037	1042	1049	rVB	42590	68358	4.94%	0.594%
16	9.384	1108	1114	1118	rBV3	47884	82351	5.95%	0.716%
17	9.443	1118	1124	1138	rVB3	219794	525526	37.95%	4.566%
18	9.613	1146	1153	1159	rBV4	17811	36686	2.65%	0.319%
19	9.731	1165	1173	1185	rVB	22463	50725	3.66%	0.441%
20	9.854	1185	1194	1197	rBV4	13920	27486	1.98%	0.239%
21	9.901	1197	1202	1208	rVB	80290	133186	9.62%	1.157%
22	10.001	1216	1219	1226	rVB3	8475	14703	1.06%	0.128%
23	10.083	1226	1233	1240	rBV2	12465	30760	2.22%	0.267%
24	10.165	1240	1247	1252	rVB	15969	29756	2.15%	0.259%
25	10.277	1259	1266	1273	rBV3	45948	114095	8.24%	0.991%
26	10.359	1278	1280	1285	rVB2	12935	18658	1.35%	0.162%
27	10.483	1294	1301	1308	rVB3	53408	93920	6.78%	0.816%
28	10.547	1308	1312	1318	rVB2	11172	19603	1.42%	0.170%
29	10.665	1321	1332	1337	rBV9	14054	52127	3.76%	0.453%
30	10.706	1337	1339	1345	rVB6	8846	14465	1.04%	0.126%
31	10.782	1345	1352	1356	rBV	20875	43659	3.15%	0.379%
32	10.941	1372	1379	1386	rBV9	10894	31667	2.29%	0.275%
33	11.094	1392	1405	1411	rBV3	116208	331126	23.91%	2.877%
34	11.199	1418	1423	1431	rVB	62801	117757	8.50%	1.023%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.299	1431	1440	1446	rBV2	19250	43855	3.17%	0.381%
36	11.393	1452	1456	1462	rVB	14301	24249	1.75%	0.211%
37	11.458	1462	1467	1471	rVV3	17944	37332	2.70%	0.324%
38	11.511	1472	1476	1479	rVV4	15680	29319	2.12%	0.255%
39	11.558	1479	1484	1491	rVB	49665	84678	6.11%	0.736%
40	11.675	1497	1504	1510	rBV2	48457	88694	6.40%	0.771%
41	11.863	1531	1536	1540	rBV2	10239	17422	1.26%	0.151%
42	11.992	1552	1558	1564	rVB4	46176	91889	6.64%	0.798%
43	12.133	1574	1582	1586	rBV8	12482	34219	2.47%	0.297%
44	12.186	1586	1591	1600	rVB	46214	89993	6.50%	0.782%
45	12.269	1600	1605	1612	rBV4	28087	50557	3.65%	0.439%
46	12.392	1619	1626	1633	rVB2	26347	61343	4.43%	0.533%
47	12.486	1633	1642	1645	rBV7	16790	50355	3.64%	0.438%
48	12.615	1656	1664	1671	rVV4	59671	112283	8.11%	0.976%
49	12.686	1671	1676	1689	rVB5	30068	87604	6.33%	0.761%
50	12.874	1704	1708	1712	rBV4	18263	32287	2.33%	0.281%
51	12.944	1714	1720	1729	rVV3	86650	216428	15.63%	1.881%
52	13.197	1760	1763	1765	rBV3	9828	14762	1.07%	0.128%
53	13.279	1774	1777	1781	rBV5	17291	23903	1.73%	0.208%
54	13.326	1782	1785	1789	rBV6	7551	14971	1.08%	0.130%
55	13.385	1790	1795	1798	rBV5	13672	25227	1.82%	0.219%
56	13.514	1808	1817	1822	rBV	720121	1093971	78.99%	9.506%
57	13.561	1822	1825	1834	rVB9	21682	38473	2.78%	0.334%
58	13.696	1843	1848	1849	rBV4	10262	15916	1.15%	0.138%
59	13.778	1856	1862	1863	rBV5	13325	25476	1.84%	0.221%
60	14.043	1903	1907	1915	rBV4	26293	66797	4.82%	0.580%
61	14.119	1916	1920	1923	rVV5	14208	19479	1.41%	0.169%
62	14.207	1927	1935	1940	rVV4	83287	187433	13.53%	1.629%
63	14.254	1940	1943	1951	rVV6	30170	73833	5.33%	0.642%
64	14.325	1952	1955	1960	rVB	30034	43268	3.12%	0.376%
65	14.442	1970	1975	1977	rBV	32967	47578	3.44%	0.413%
66	14.471	1978	1980	1984	rVB	23011	25613	1.85%	0.223%
67	14.601	1997	2002	2010	rVB2	40386	81377	5.88%	0.707%
68	14.683	2012	2016	2024	rVV2	15266	32797	2.37%	0.285%
69	14.818	2037	2039	2043	rBV	16391	21443	1.55%	0.186%
70	14.883	2043	2050	2056	rVB2	191366	360044	26.00%	3.129%
71	15.270	2112	2116	2119	rBV3	22914	35171	2.54%	0.306%

LSC Area Percent Report

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Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.347	2126	2129	2137	rBV5	32567	53495	3.86%	0.465%
73	15.458	2144	2148	2151	rBV	36488	48427	3.50%	0.421%
74	15.734	2192	2195	2198	rBV5	9800	15385	1.11%	0.134%
75	15.916	2221	2226	2232	rBV3	40176	82121	5.93%	0.714%
76	16.240	2277	2281	2288	rVB	62393	115873	8.37%	1.007%
77	16.363	2296	2302	2315	rVB	427789	679968	49.10%	5.908%
78	17.397	2476	2478	2485	rVB6	14983	21040	1.52%	0.183%
79	17.620	2510	2516	2523	rBV	200101	299890	21.65%	2.606%
80	18.484	2659	2663	2671	rBV3	27921	44591	3.22%	0.387%
81	19.735	2874	2876	2881	rVB6	14936	18145	1.31%	0.158%
82	20.017	2917	2924	2934	rBV	1060609	1384868	100.00%	12.033%
83	20.199	2950	2955	2962	rVB	854964	1112544	80.34%	9.667%
84	21.903	3238	3245	3253	rVB	198503	345095	24.92%	2.999%
85	25.280	3810	3820	3831	rVB2	109298	317627	22.94%	2.760%

Sum of corrected areas: 11508470

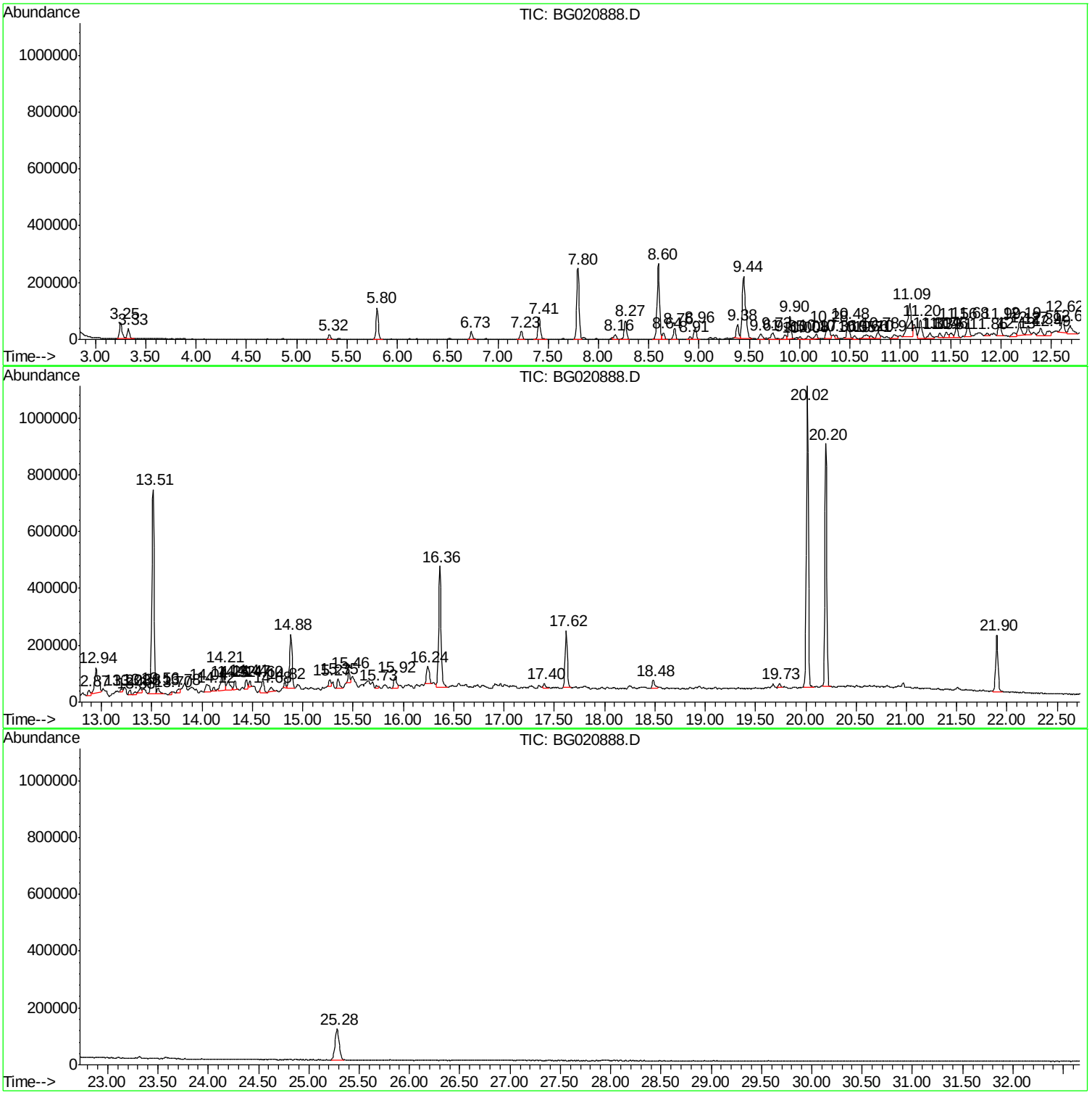
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

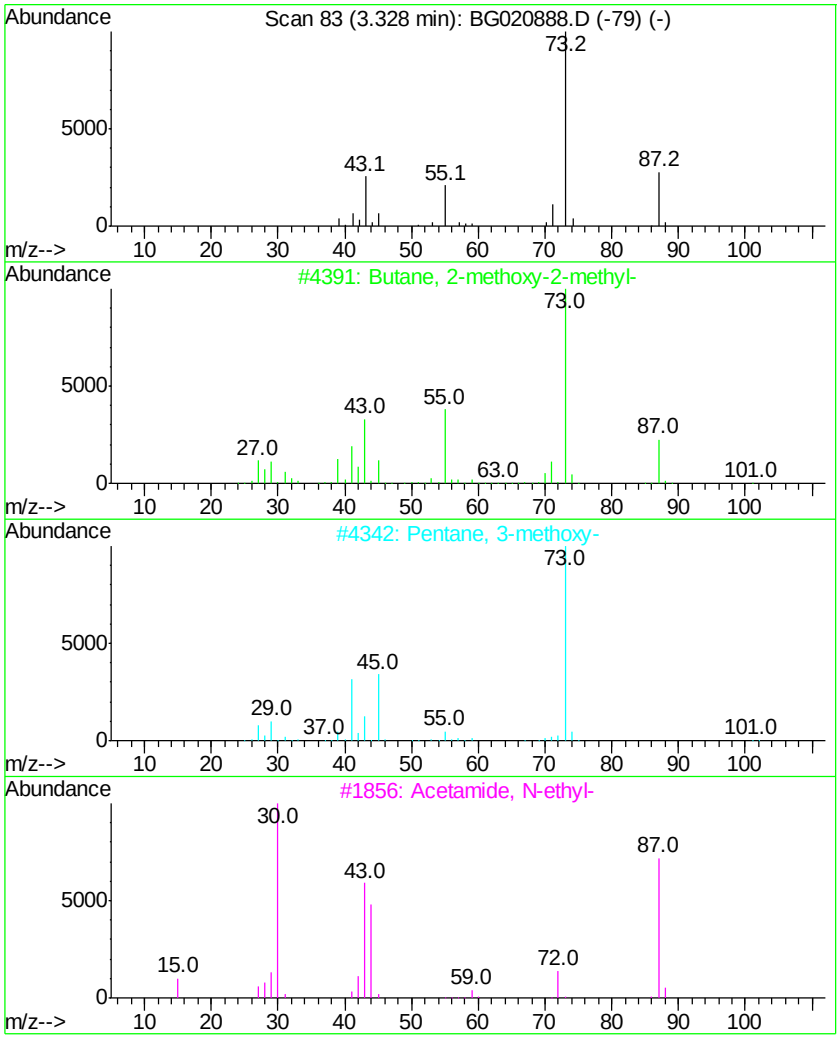
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

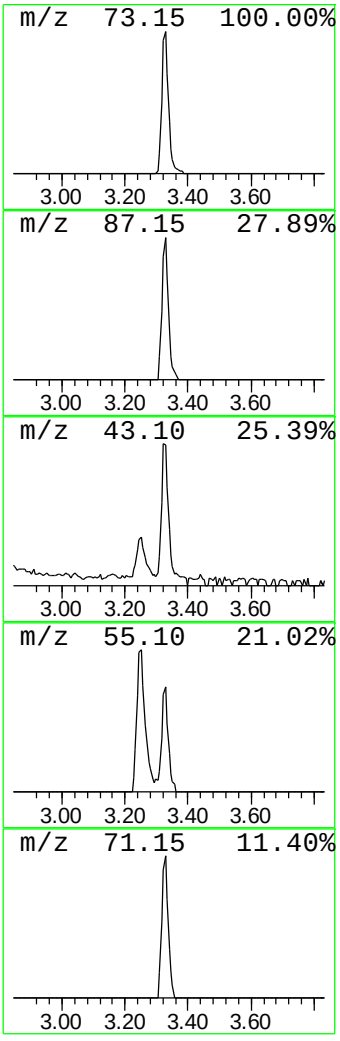
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	9.63 ng	52199	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

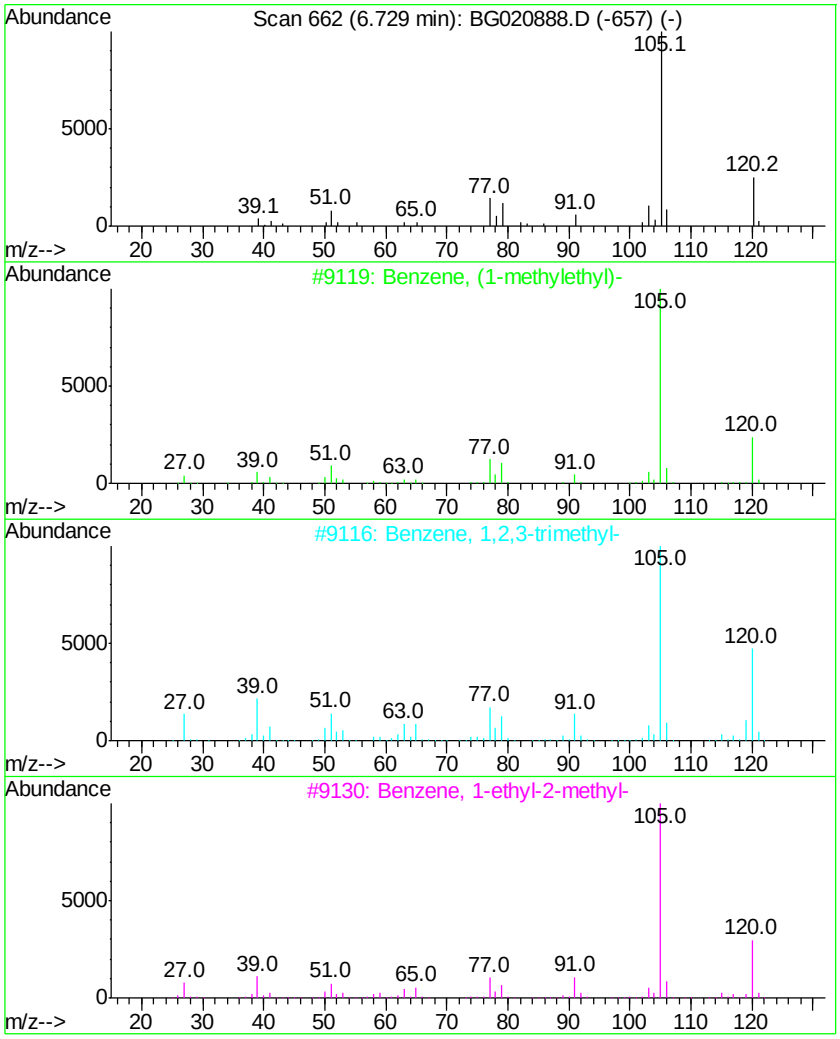
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

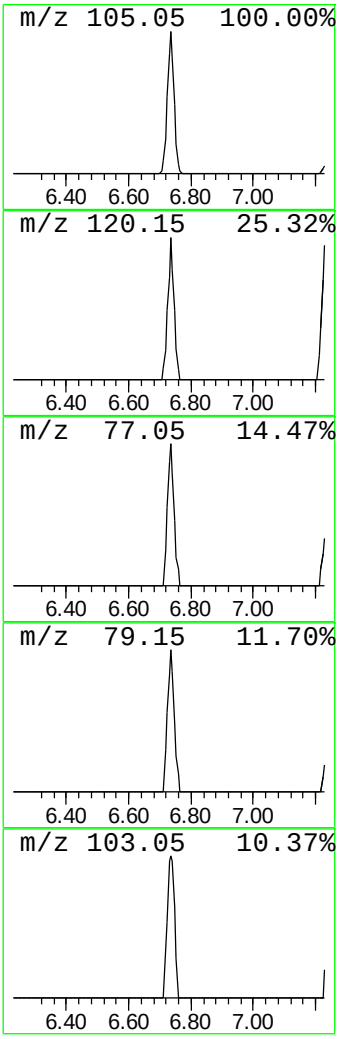
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	8.27 ng	44830	1,4-Dichlorobenzene-d4	8.27

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-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

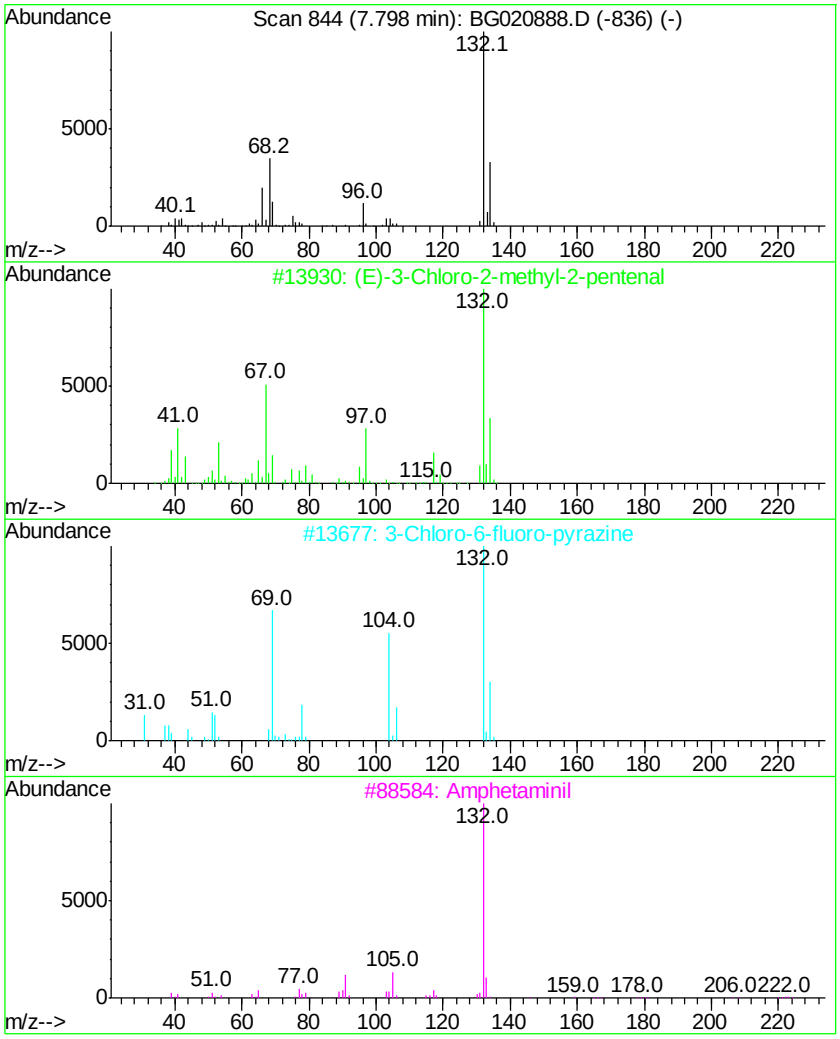
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

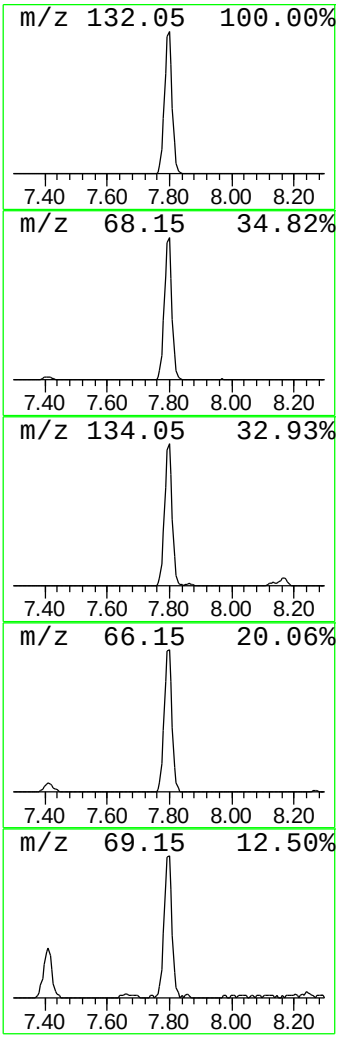
****

Peak Number 5 unknown7.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	79.36 ng	430198	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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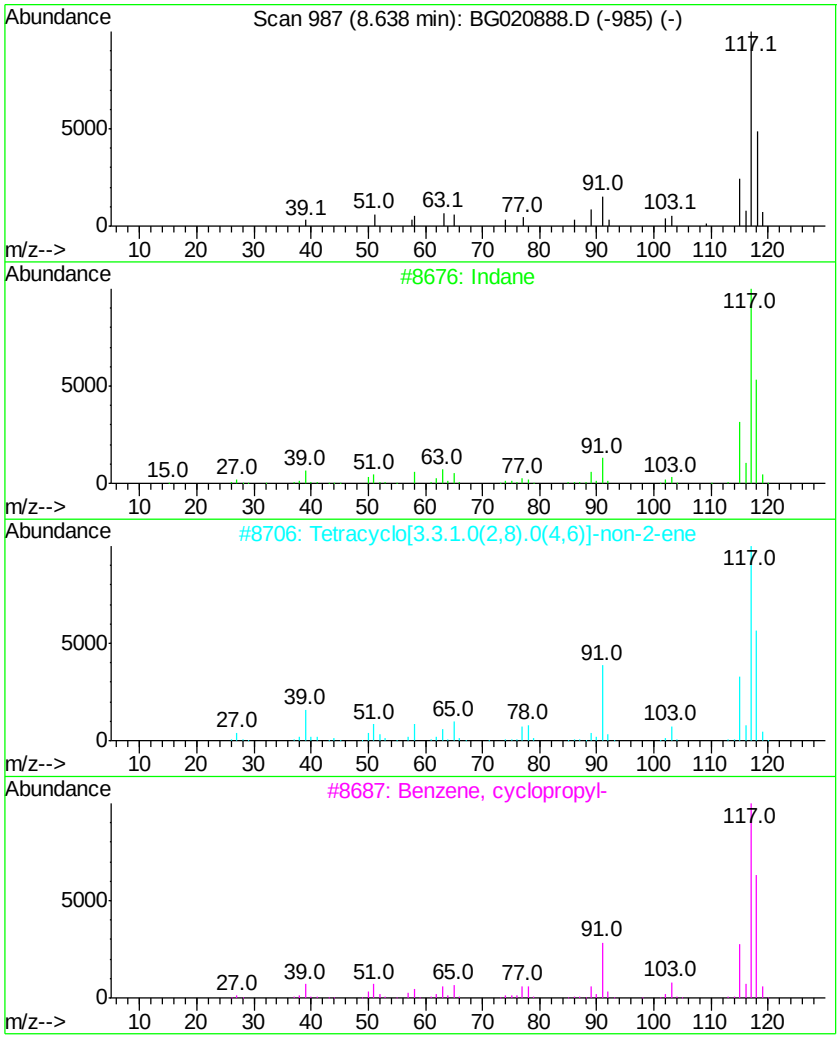
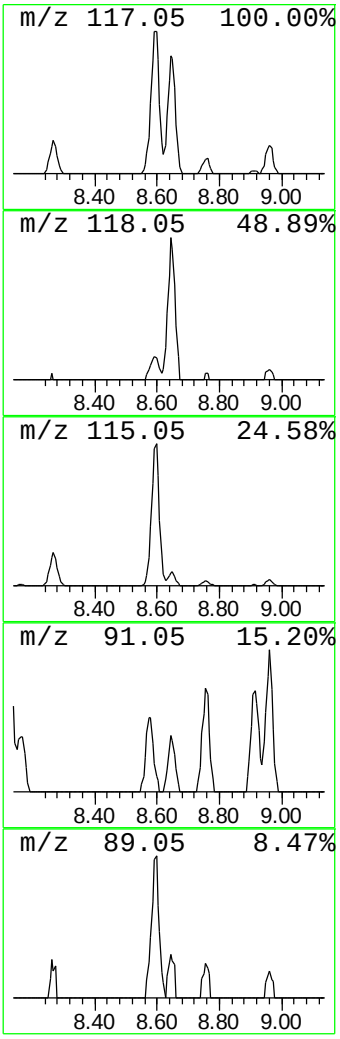
Peak Number 7 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.29 ng	34105	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

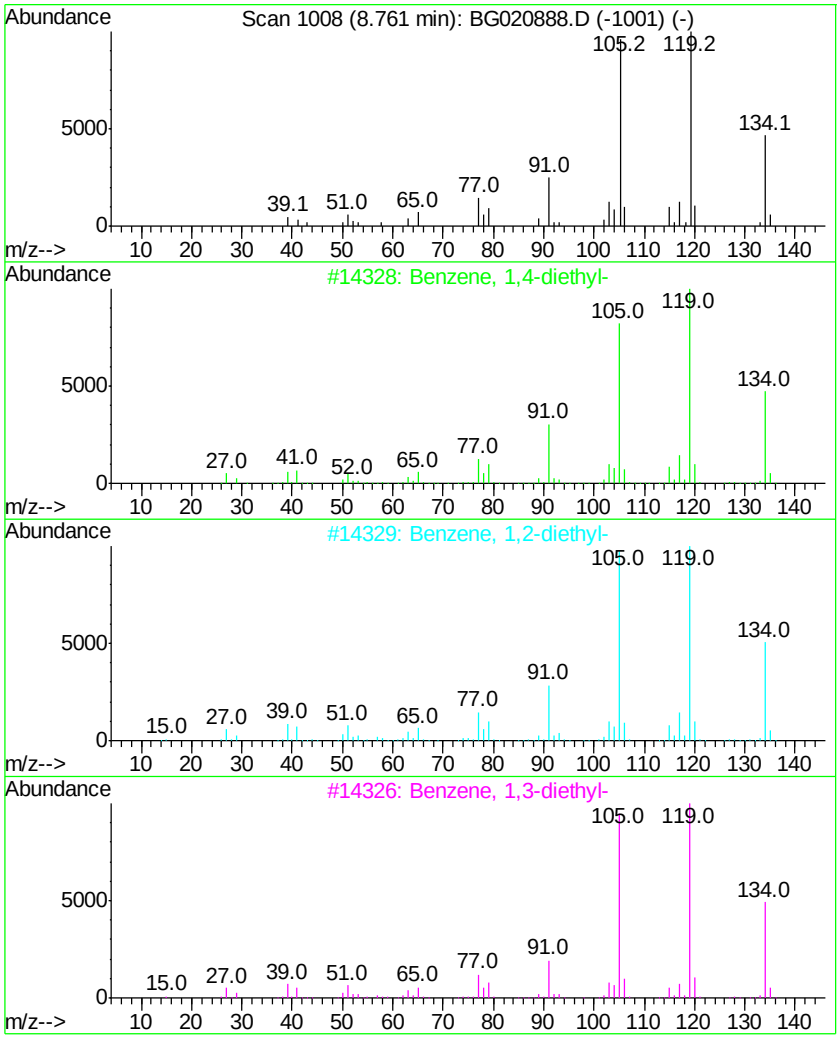
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

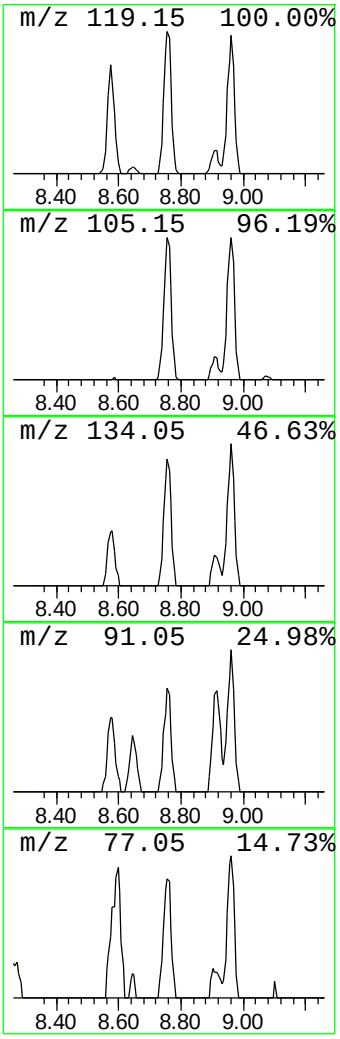
****

Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	11.20 ng	60716	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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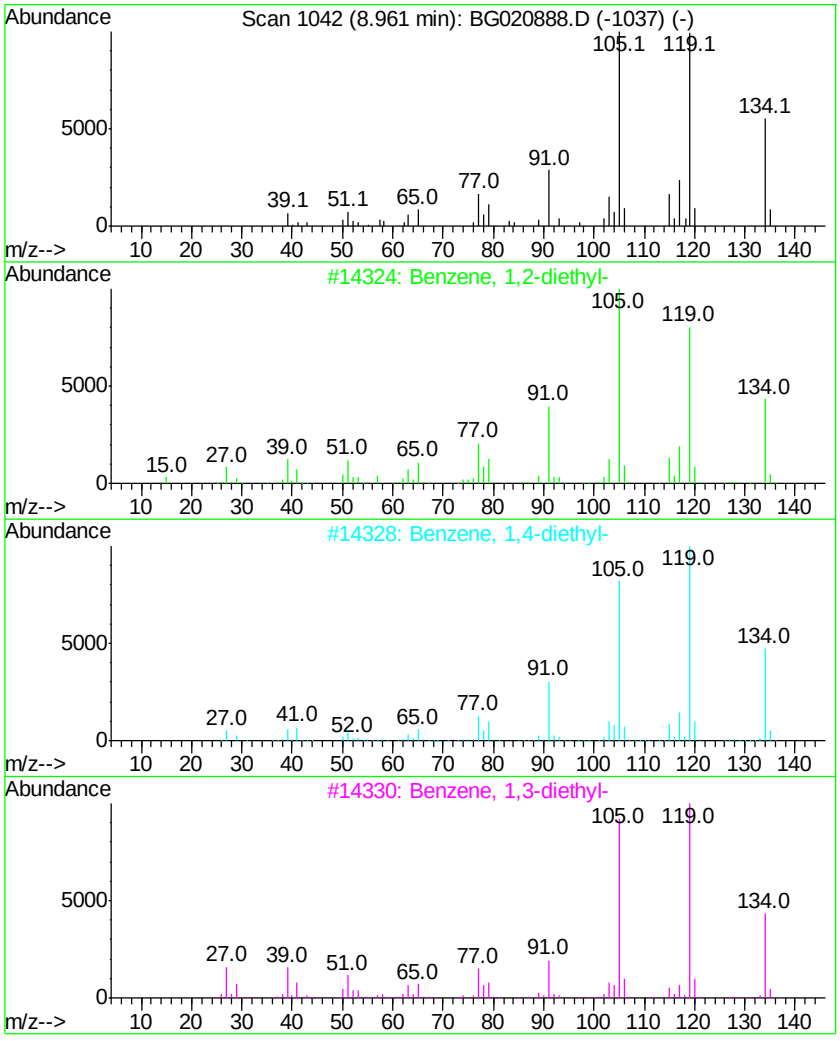
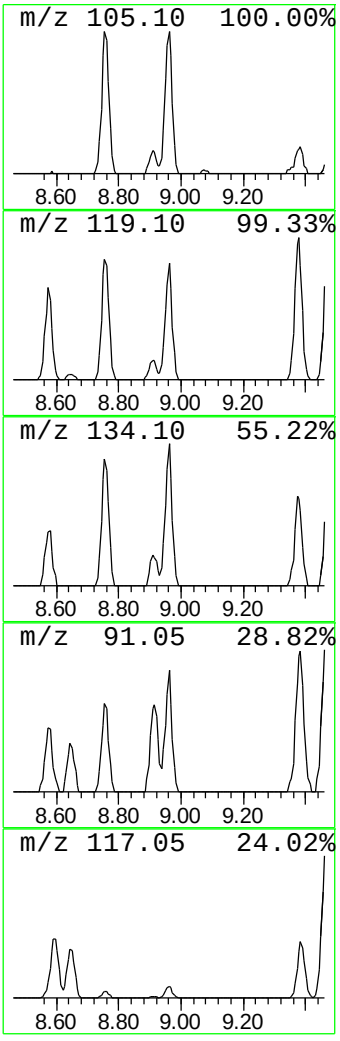
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	12.61 ng	68358	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86





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Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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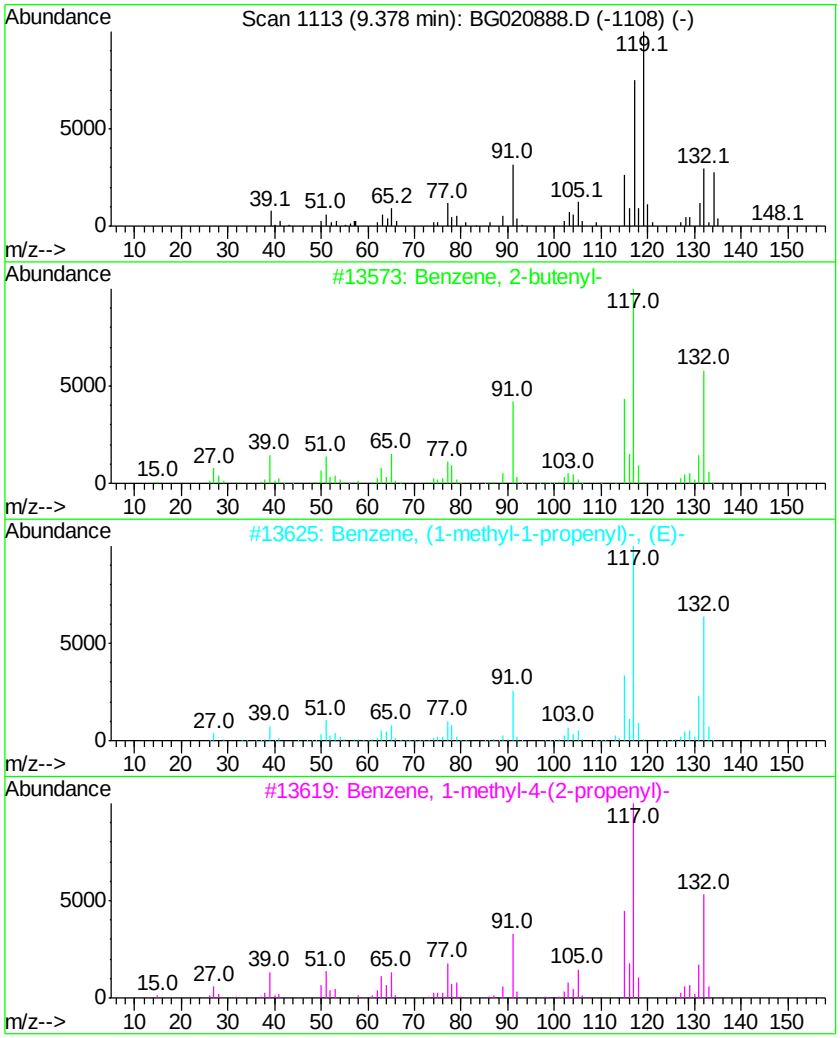
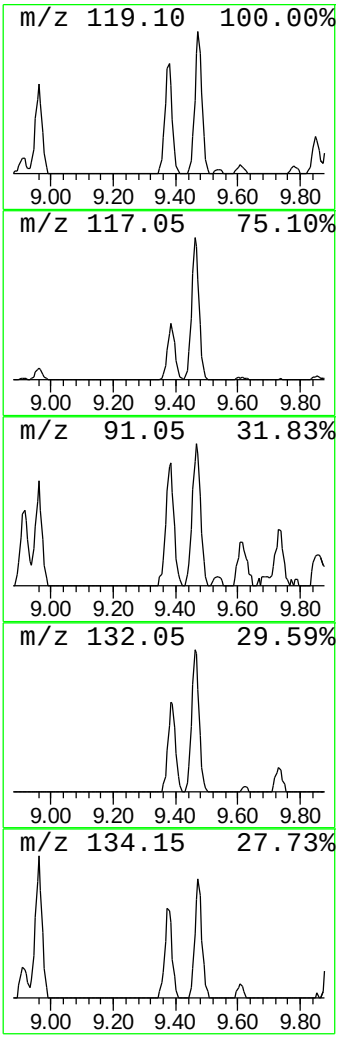
Peak Number 10 Benzene, 2-butenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	15.19 ng	82351	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	78
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	78





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Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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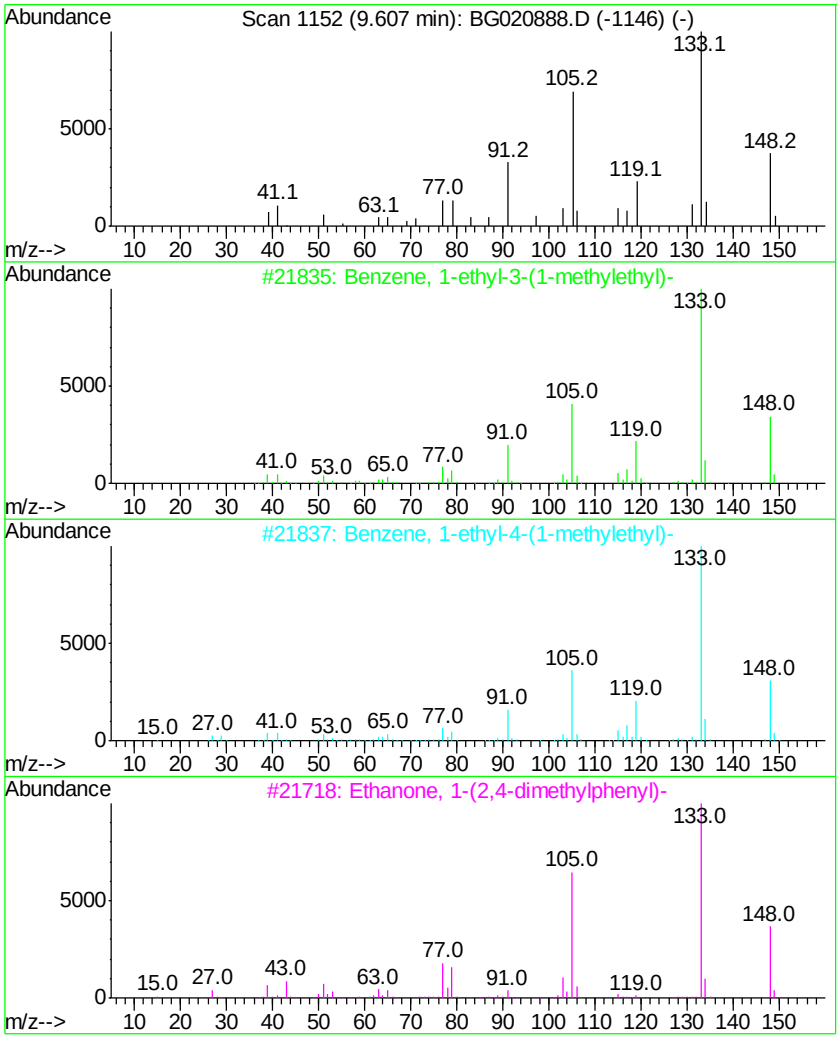
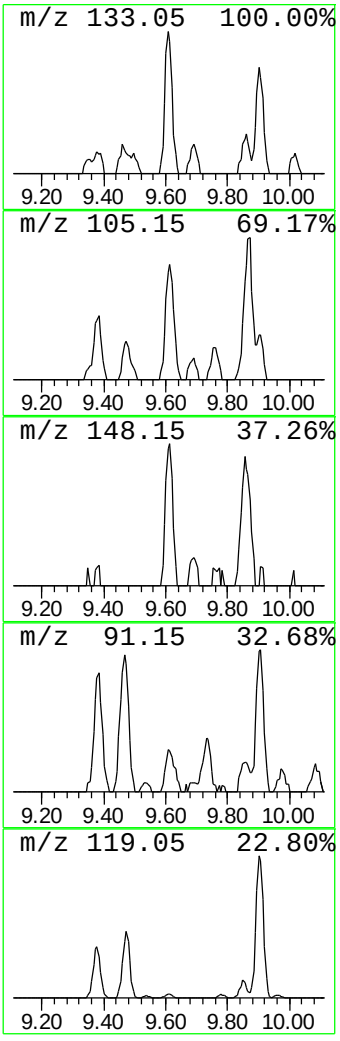
Peak Number 11 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	6.77 ng	36686	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	87
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	81
5	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	76





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Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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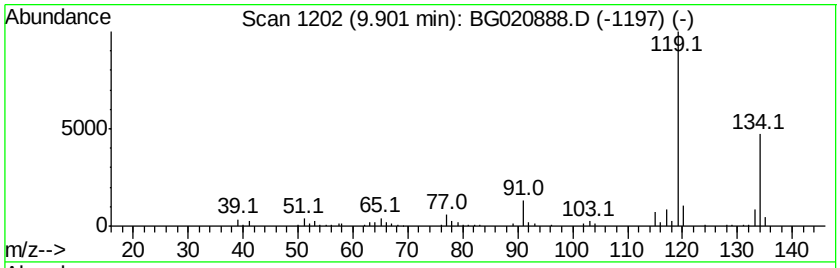
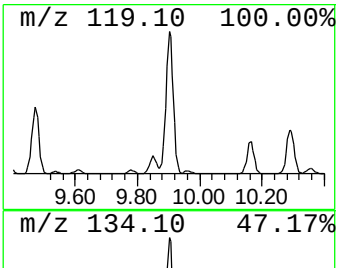
Peak Number 12 Benzene, 1-methyl-2-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	8.04 ng	133186	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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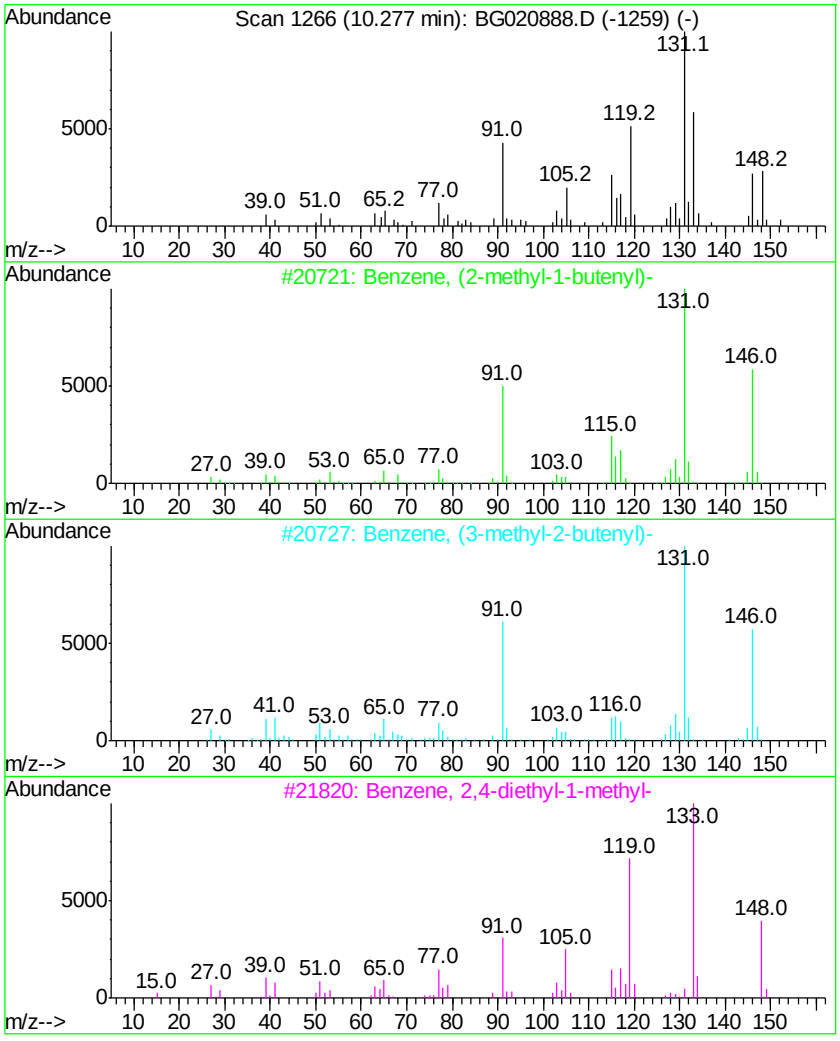
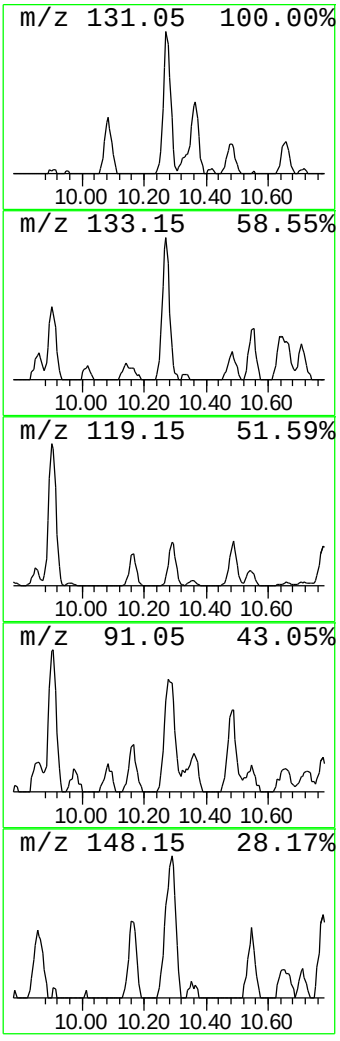
Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.89 ng	114095	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	78
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





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Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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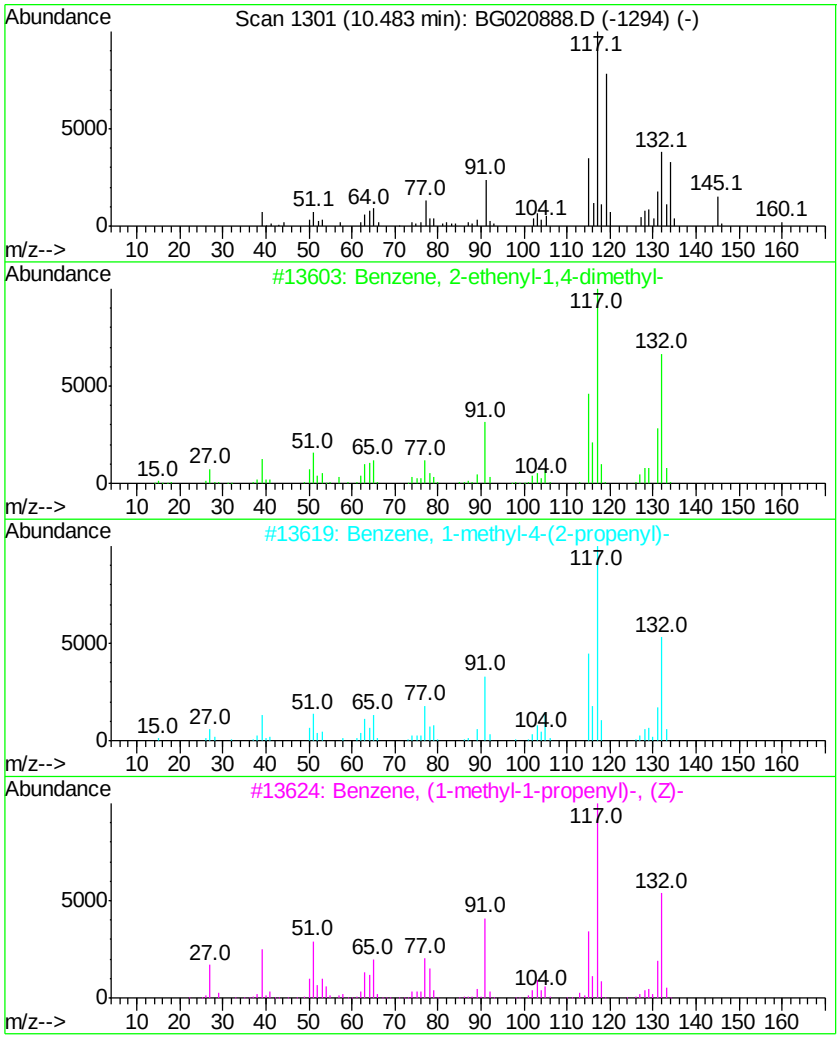
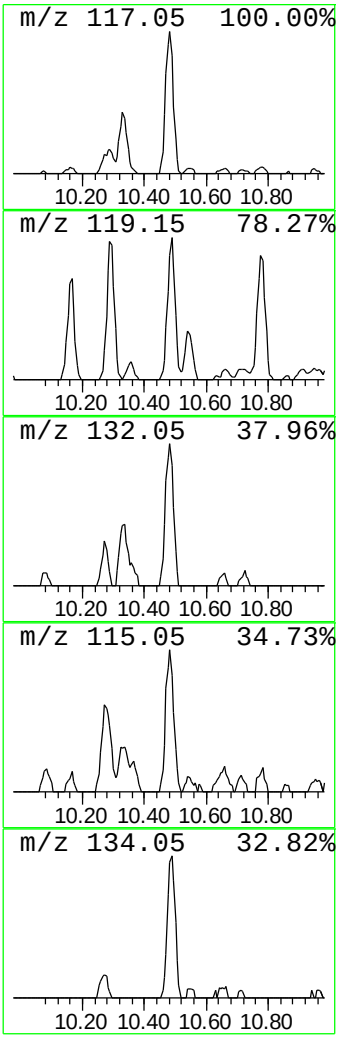
Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	5.67 ng	93920	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	55
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55





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Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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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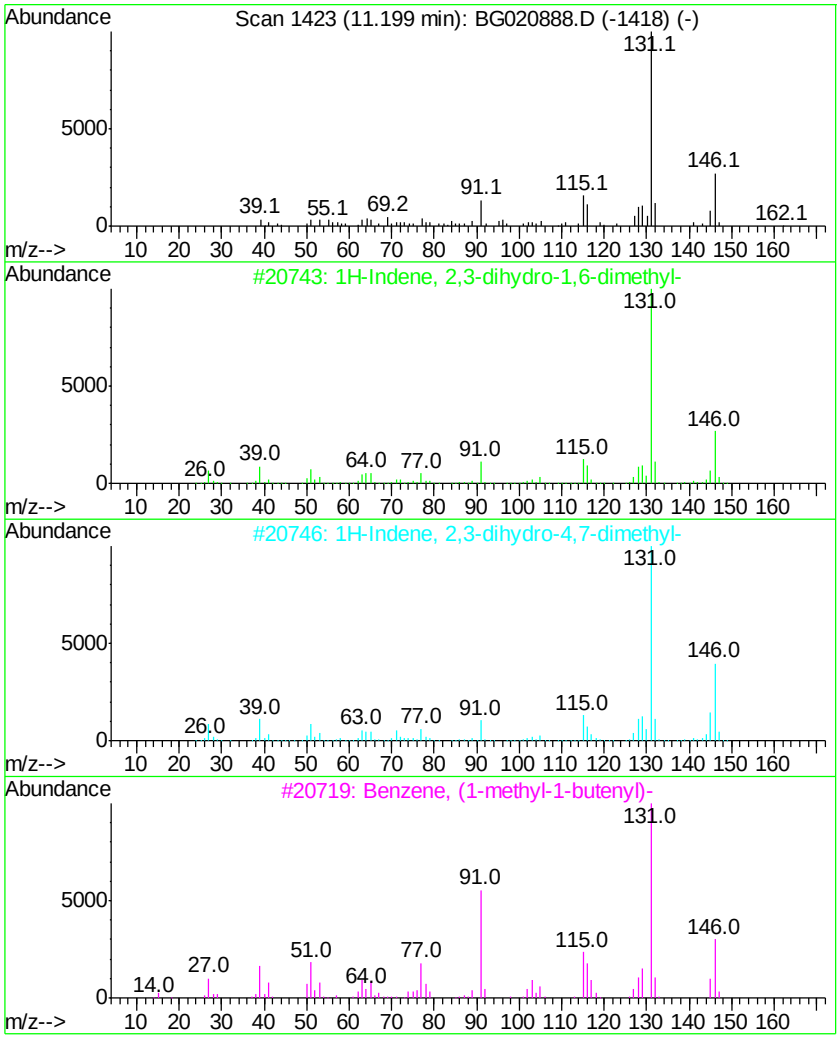
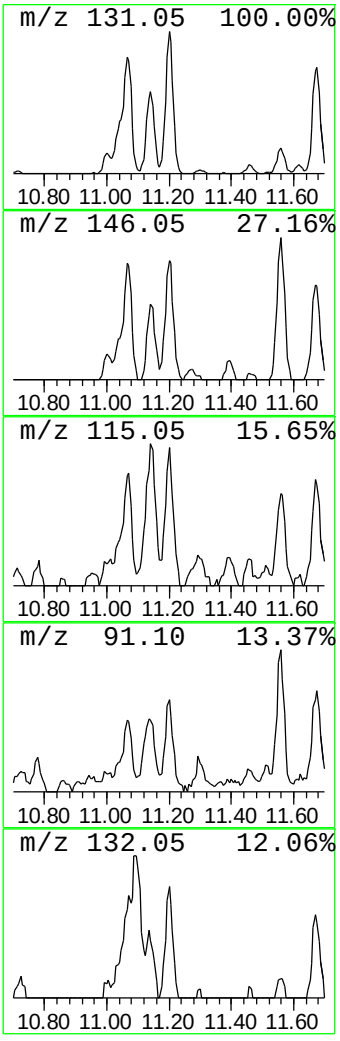
Peak Number 15 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	7.11 ng	117757	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91





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Operator : SJ/UM
Sample : H1408-07
Misc :
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Instrument : BNA_G
ClientSampleId : DBMW-2

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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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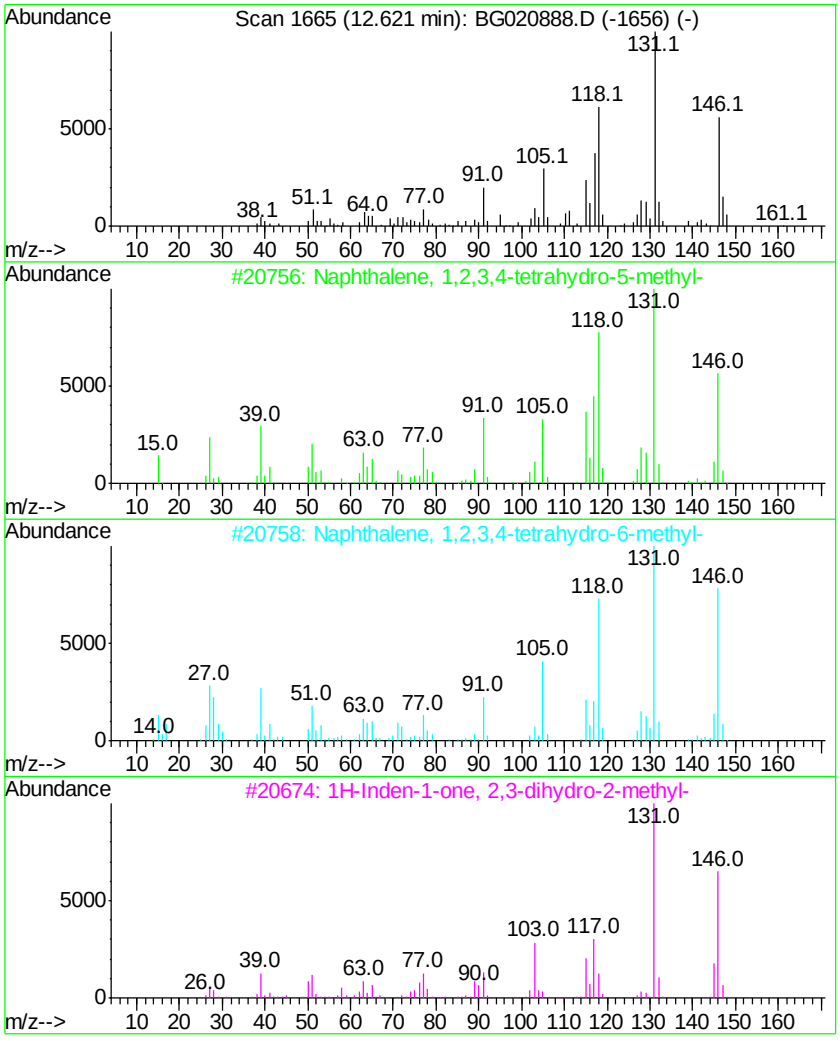
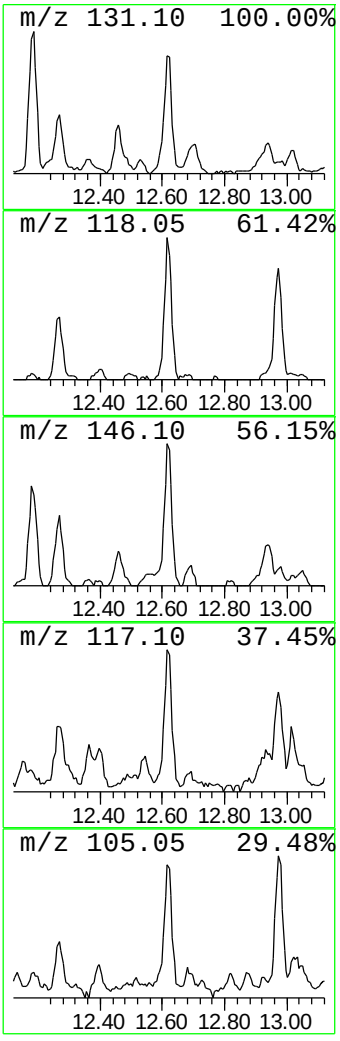
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.78 ng	112283	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	74
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





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Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

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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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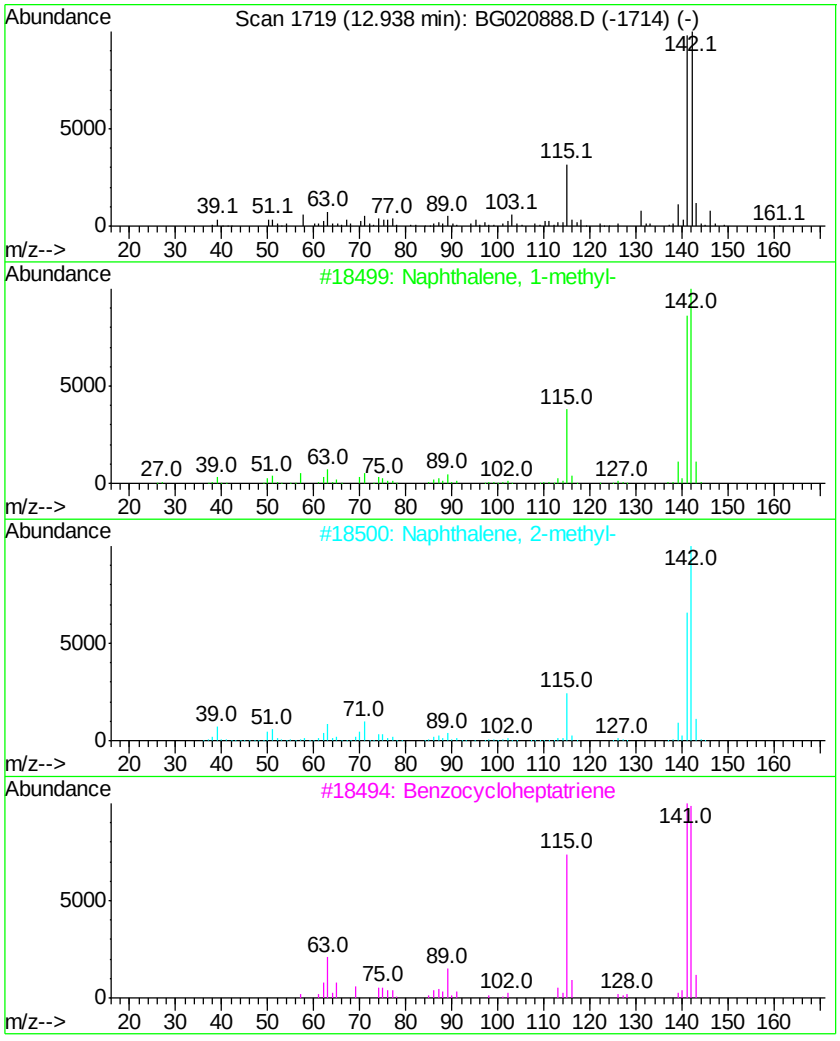
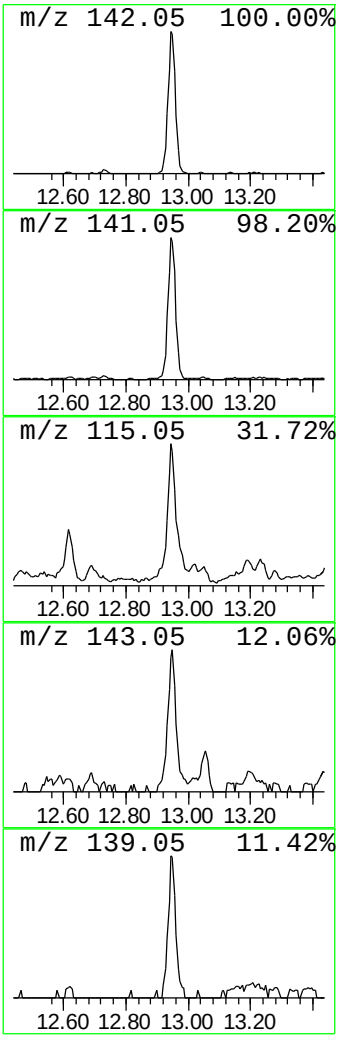
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	13.07 ng	216428	Naphthalene-d8	11.09

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





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Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

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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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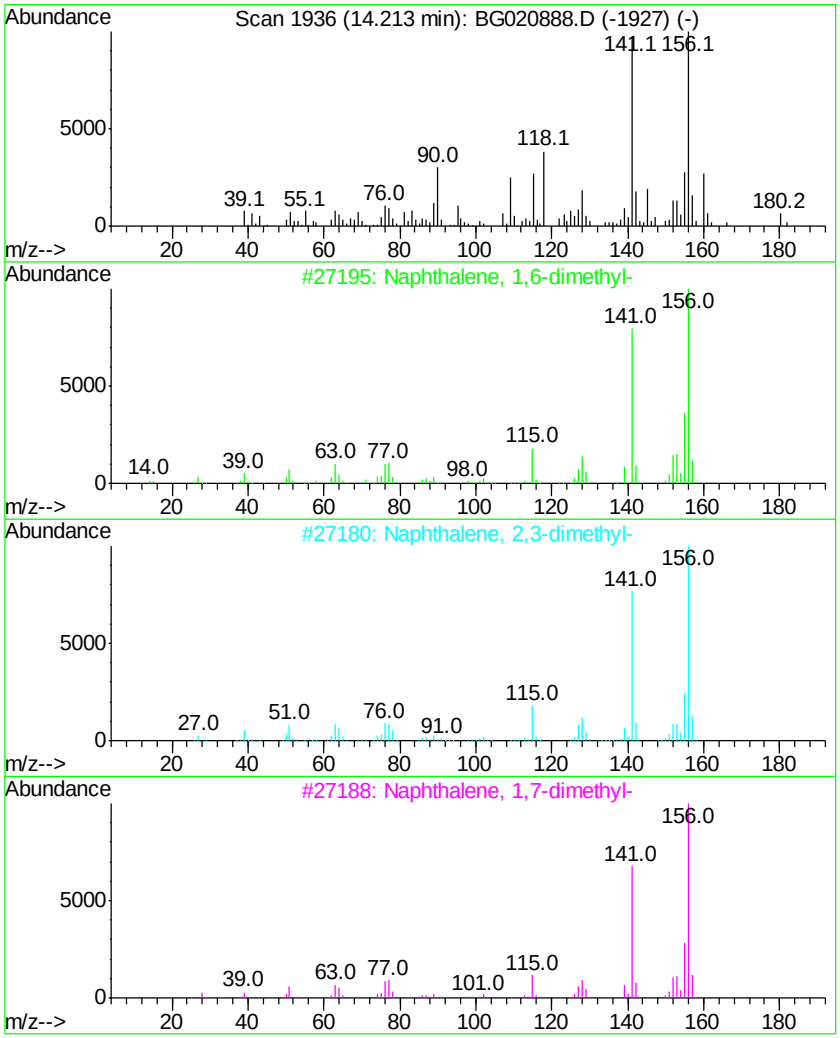
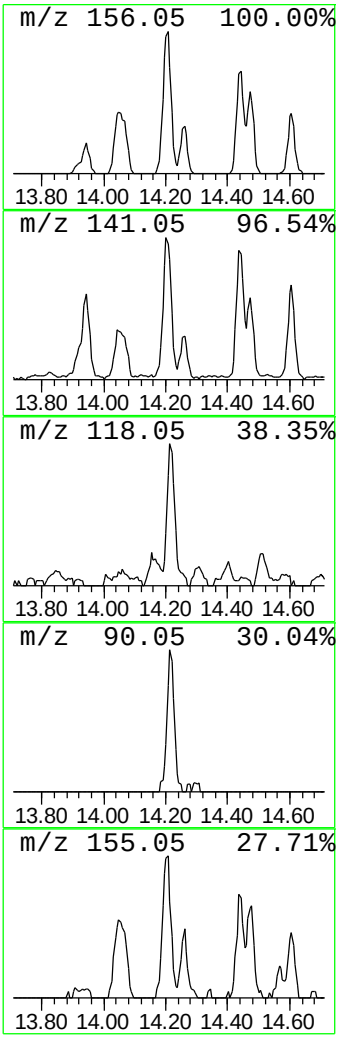
Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	10.41 ng	187433	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Sample : H1408-07
Misc :
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Instrument : BNA_G
ClientSampleId : DBMW-2

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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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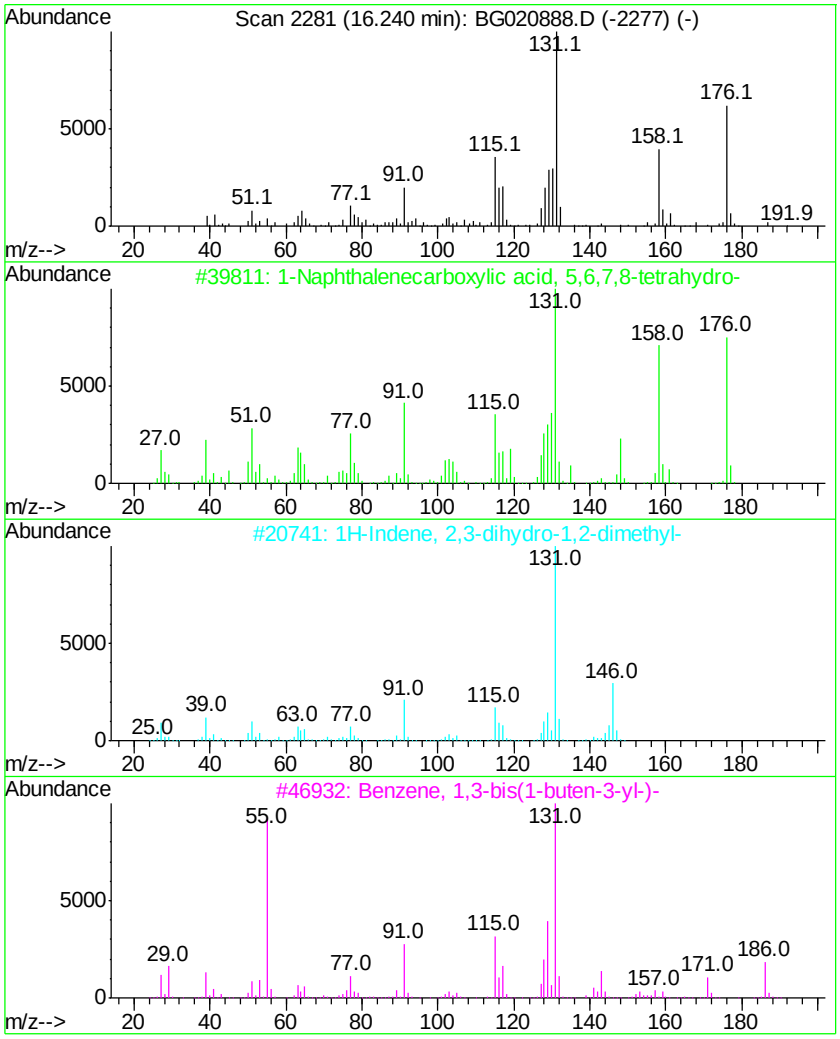
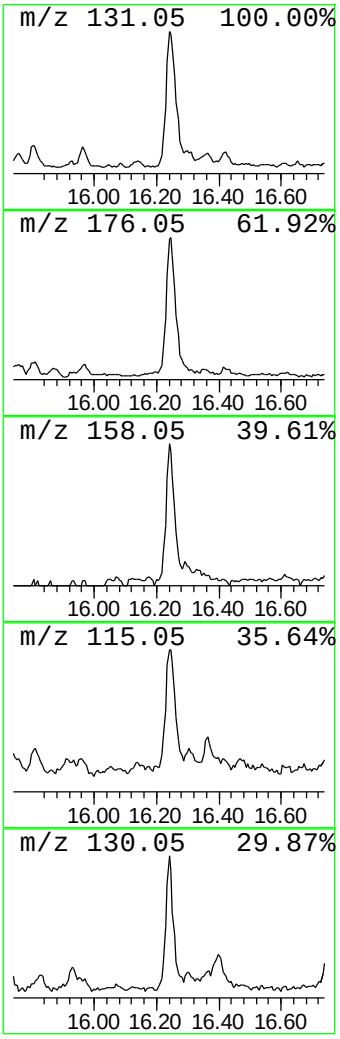
Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	6.44 ng	115873	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	43
3	Benzene, 1,3-bis(1-buten-3-yl-)-	186	C14H18	158117-62-5	37
4	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	37
5	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	35





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Instrument : BNA_G
ClientSampleId : DBMW-2

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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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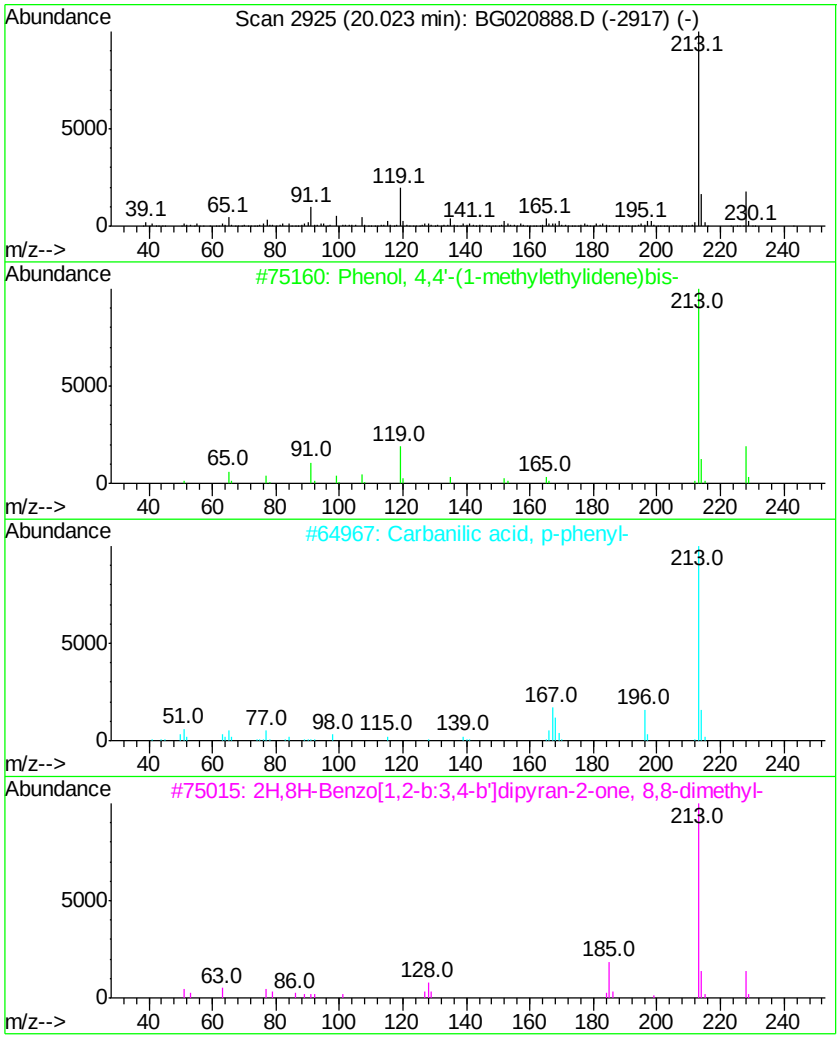
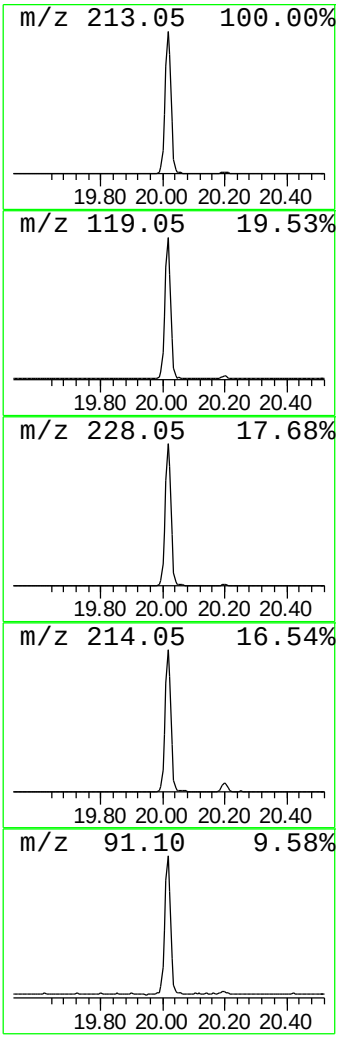
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	80.26 ng	1384870	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	50
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42
4	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	42
5	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG021116\
Data File : BG020888.D
Acq On : 12 Feb 2016 11:46
Operator : SJ/UM
Sample : H1408-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBMW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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
Butane, 2-methoxy...	3.33	9.6	ng	52199	1	8.27	108413	20.0
Benzene, (1-methy...	6.73	8.3	ng	44830	1	8.27	108413	20.0
unknown7.80	7.80	79.4	ng	430198	1	8.27	108413	20.0
Indane	8.64	6.3	ng	34105	1	8.27	108413	20.0
Benzene, 1,4-diet...	8.76	11.2	ng	60716	1	8.27	108413	20.0
Benzene, 1,2-diet...	8.96	12.6	ng	68358	1	8.27	108413	20.0
Benzene, 2-butenyl-	9.38	15.2	ng	82351	1	8.27	108413	20.0
Benzene, 1-ethyl-...	9.61	6.8	ng	36686	1	8.27	108413	20.0
Benzene, 1-methyl...	9.90	8.0	ng	133186	2	11.09	331126	20.0
Benzene, (2-methy...	10.28	6.9	ng	114095	2	11.09	331126	20.0
Benzene, 2-etheny...	10.48	5.7	ng	93920	2	11.09	331126	20.0
1H-Indene, 2,3-di...	11.20	7.1	ng	117757	2	11.09	331126	20.0
Naphthalene, 1,2,...	12.62	6.8	ng	112283	2	11.09	331126	20.0
Naphthalene, 1-me...	12.94	13.1	ng	216428	2	11.09	331126	20.0
Naphthalene, 1,6-...	14.21	10.4	ng	187433	3	14.88	360044	20.0
1-Naphthalenecarb...	16.24	6.4	ng	115873	3	14.88	360044	20.0
Phenol, 4,4'-(1-m...	20.02	80.3	ng	1384870	5	21.90	345095	20.0