LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.905	5	11	21	rBV	493809	871477	10.71%	0.825%
2	3.105	38	45	59	rBV	999743	2282850	28.05%	2.161%
3	3.745	147	154	162	rVB	561099	979263	12.03%	0.927%
4	4.004	190	198	206	rVV2	360267	736048	9.04%	0.697%
5	4.227	229	236	239	rBV2	105846	208554	2.56%	0.197%
6	4.262	239	242	251	rVB3	86320	147511	1.81%	0.140%
7	4.520	281	286	296	rVB2	401956	769980	9.46%	0.729%
8	4.720	309	320	326	rBV2	62754	137115	1.68%	0.130%
9	5.020	364	371	382	rVB2	99448	224719	2.76%	0.213%
10	5.155	390	394	398	rBV	200449	302428	3.72%	0.286%
11	5.202	398	402	406	rVV	153853	242332	2.98%	0.229%
12	5.255	406	411	418	rVB2	228921	415580	5.11%	0.393%
13	5.560	454	463	469	rBV	364358	705516	8.67%	0.668%
14	5.637	469	476	482	rVV	1198071	2055964	25.26%	1.947%
15	5.713	482	489	495	rVV	223808	497264	6.11%	0.471%
16	6.071	546	550	559	rVB3	69623	139060	1.71%	0.132%
17	6.553	623	632	638	rBV	127233	248361	3.05%	0.235%
18	7.217	740	745	747	rBV	518652	790118	9.71%	0.748%
19	7.246	747	750	757	rVB	684761	1165676	14.32%	1.104%
20	7.464	781	787	800	rBV	1214504	2162797	26.58%	2.048%
21	7.622	806	814	825	rBV	2036243	3618873	44.47%	3.426%
22	7.728	825	832	839	rVB	1232732	2045328	25.13%	1.937%
23	8.092	887	894	906	rBV2	481921	1030607	12.66%	0.976%
24	8.204	906	913	920	rBV2	547411	1031943	12.68%	0.977%
25	8.415	931	949	953	rBV2	1735863	4198994	51.60%	3.976%
26	8.468	953	958	966	rVB	3041824	5370109	65.99%	5.084%
27	8.574	966	976	982	rBV	834518	1370397	16.84%	1.297%
28	8.633	982	986	994	rVB2	76685	142418	1.75%	0.135%
29	8.727	996	1002	1007	rBV	683273	1193389	14.66%	1.130%
30	8.779	1007	1011	1017	rVB2	208812	331517	4.07%	0.314%
31	8.897	1024	1031	1040	rVB	374586	652292	8.02%	0.618%
32	9.044	1048	1056	1060	rBV	481517	858042	10.54%	0.812%
33	9.097	1060	1065	1071	rBV4	543463	1283526	15.77%	1.215%
34	9.202	1077	1083	1090	rBV2	2021317	4245198	52.16%	4.019%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.273	1090	1095	1108	rVB3	2268718	5175820	63.60%	4.900%
36	9.431	1117	1122	1133	rVB6	119389	358001	4.40%	0.339%
37	9.537	1133	1140	1146	rBV2	264687	472813	5.81%	0.448%
38	9.731	1166	1173	1178	rBV	1196615	1990024	24.45%	1.884%
39	9.790	1178	1183	1193	rVV	757895	1267464	15.57%	1.200%
40	9.878	1193	1198	1199	rVV2	99803	136960	1.68%	0.130%
41	9.901	1200	1202	1210	rVB2	134352	193143	2.37%	0.183%
42	9.990	1212	1217	1222	rBV	83981	126282	1.55%	0.120%
43	10.101	1229	1236	1240	rBV3	126313	277221	3.41%	0.262%
44	10.160	1240	1246	1257	rVB	967825	1825614	22.43%	1.728%
45	10.313	1258	1272	1278	rBV2	2394033	4634696	56.95%	4.388%
46	10.371	1278	1282	1287	rVB3	135456	214502	2.64%	0.203%
47	10.489	1299	1302	1306	rVB4	102838	154276	1.90%	0.146%
48	10.548	1306	1312	1317	rVB2	204363	361263	4.44%	0.342%
49	10.606	1317	1322	1328	rVB	132121	206770	2.54%	0.196%
50	10.794	1343	1354	1356	rBV4	56402	149342	1.84%	0.141%
51	10.835	1356	1361	1363	rVV4	98915	185901	2.28%	0.176%
52	10.924	1363	1376	1380	rVV2	639921	1990197	24.45%	1.884%
53	10.976	1380	1385	1390	rVV2	921855	1787966	21.97%	1.693%
54	11.029	1390	1394	1406	rVB	216992	387973	4.77%	0.367%
55	11.129	1406	1411	1417	rBV	142974	234643	2.88%	0.222%
56	11.194	1417	1422	1430	rVB5	53332	126841	1.56%	0.120%
57	11.505	1462	1475	1478	rBV7	95412	277635	3.41%	0.263%
58	11.546	1478	1482	1485	rVV2	199539	390484	4.80%	0.370%
59	11.582	1485	1488	1495	rVB2	229916	372286	4.57%	0.352%
60	11.734	1510	1514	1521	rBV4	76308	158198	1.94%	0.150%
61	11.840	1527	1532	1539	rVB	225227	406082	4.99%	0.384%
62	12.034	1558	1565	1573	rBV4	159591	345515	4.25%	0.327%
63	12.245	1596	1601	1606	rVB	115542	192316	2.36%	0.182%
64	12.310	1606	1612	1619	rVB2	403719	766655	9.42%	0.726%
65	12.404	1619	1628	1632	rBV8	70045	168541	2.07%	0.160%
66	12.474	1635	1640	1647	rVB3	155920	312567	3.84%	0.296%
67	12.586	1647	1659	1664	rBV2	460643	967237	11.89%	0.916%
68	12.645	1664	1669	1674	rVB	203689	344204	4.23%	0.326%
69	12.803	1687	1696	1703	rBV	1182861	2122287	26.08%	2.009%
70	12.868	1703	1707	1712	rBV	213187	367832	4.52%	0.348%
71	13.044	1732	1737	1742	rBV6	95671	206454	2.54%	0.195%

LSC Area Percent Report

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Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.179	1755	1760	1763	rBV2	132481	232616	2.86%	0.220%
73	13.220	1763	1767	1772	rVB2	118812	202478	2.49%	0.192%
74	13.379	1784	1794	1800	rVB	3606711	5927276	72.83%	5.612%
75	13.544	1816	1822	1833	rBV3	221254	545754	6.71%	0.517%
76	13.638	1833	1838	1843	rBV2	127992	207919	2.55%	0.197%
77	13.773	1857	1861	1864	rBV3	147422	229532	2.82%	0.217%
78	13.896	1877	1882	1885	rBV3	171294	313835	3.86%	0.297%
79	13.972	1890	1895	1897	rBV	263682	378595	4.65%	0.358%
80	14.072	1908	1912	1918	rVB4	113177	203608	2.50%	0.193%
81	14.131	1918	1922	1929	rVB3	118620	205450	2.52%	0.195%
82	14.207	1929	1935	1939	rBV	368726	558971	6.87%	0.529%
83	14.254	1939	1943	1949	rBV	277662	425953	5.23%	0.403%
84	14.401	1964	1968	1975	rVB2	334369	518775	6.37%	0.491%
85	14.472	1975	1980	1986	rBV4	93367	184563	2.27%	0.175%
86	14.765	2024	2030	2038	rVB2	989757	1676412	20.60%	1.587%
87	14.918	2048	2056	2059	rBV4	105104	226389	2.78%	0.214%
88	14.959	2059	2063	2071	rVB4	232838	452197	5.56%	0.428%
89	15.159	2093	2097	2106	rVB6	85964	206823	2.54%	0.196%
90	15.271	2110	2116	2128	rVB	262511	502019	6.17%	0.475%
91	15.664	2177	2183	2192	rBV2	134043	250023	3.07%	0.237%
92	16.263	2278	2285	2291	rBV	3153391	4757492	58.46%	4.504%
93	17.526	2494	2500	2506	rBV2	1238290	1869058	22.97%	1.770%
94	17.897	2559	2563	2568	rBV4	105622	186009	2.29%	0.176%
95	18.396	2644	2648	2654	rBV	196796	307658	3.78%	0.291%
96	18.472	2656	2661	2666	rVB2	134198	233036	2.86%	0.221%
97	19.665	2860	2864	2872	rBV	176467	277583	3.41%	0.263%
98	20.141	2938	2945	2951	rBV	5811411	8138271	100.00%	7.705%
99	21.844	3228	3235	3244	rVB	1330179	2193844	26.96%	2.077%
100	25.222	3800	3810	3822	rVB2	713100	2096142	25.76%	1.985%

Sum of corrected areas: 105619532

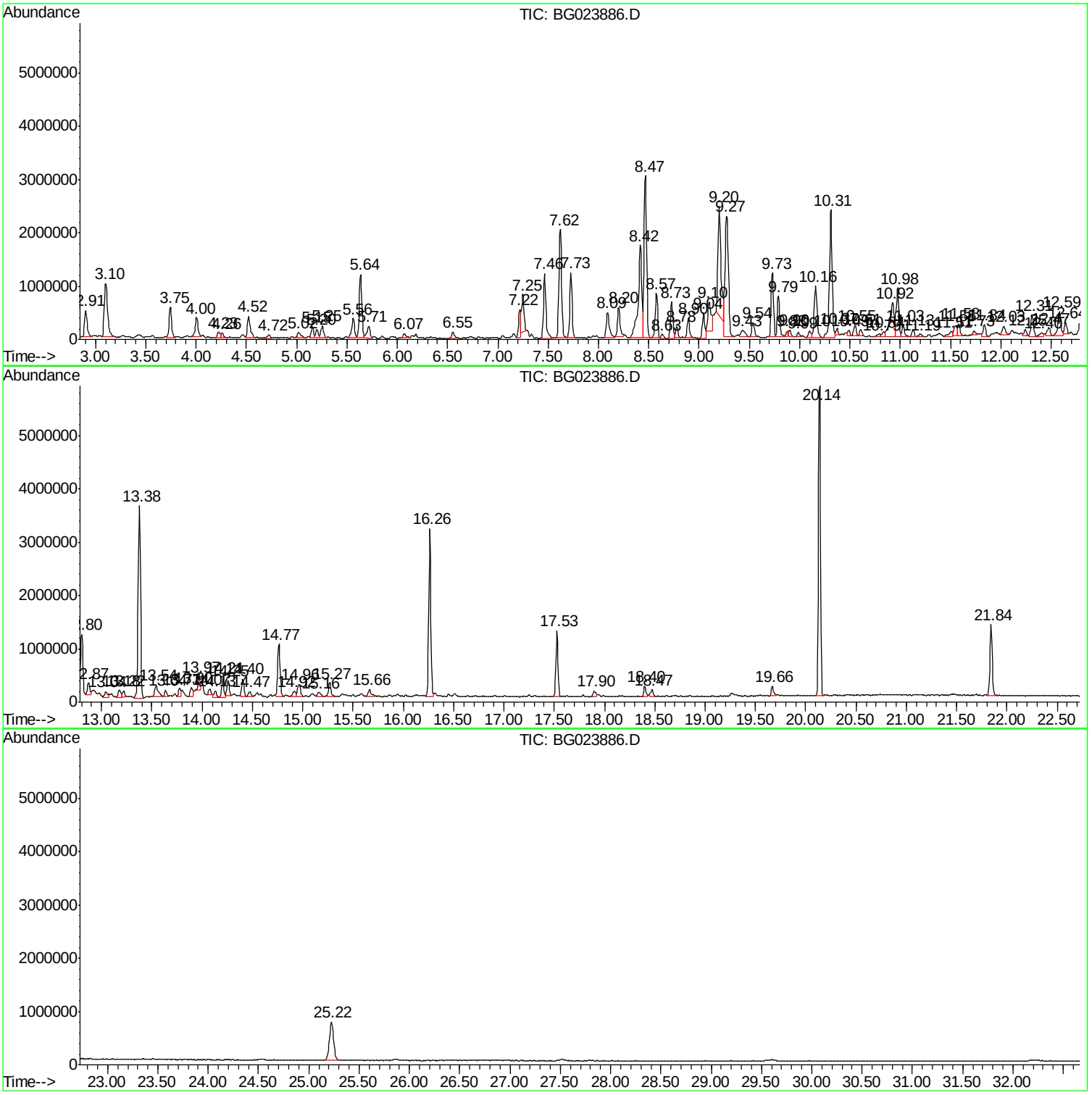
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

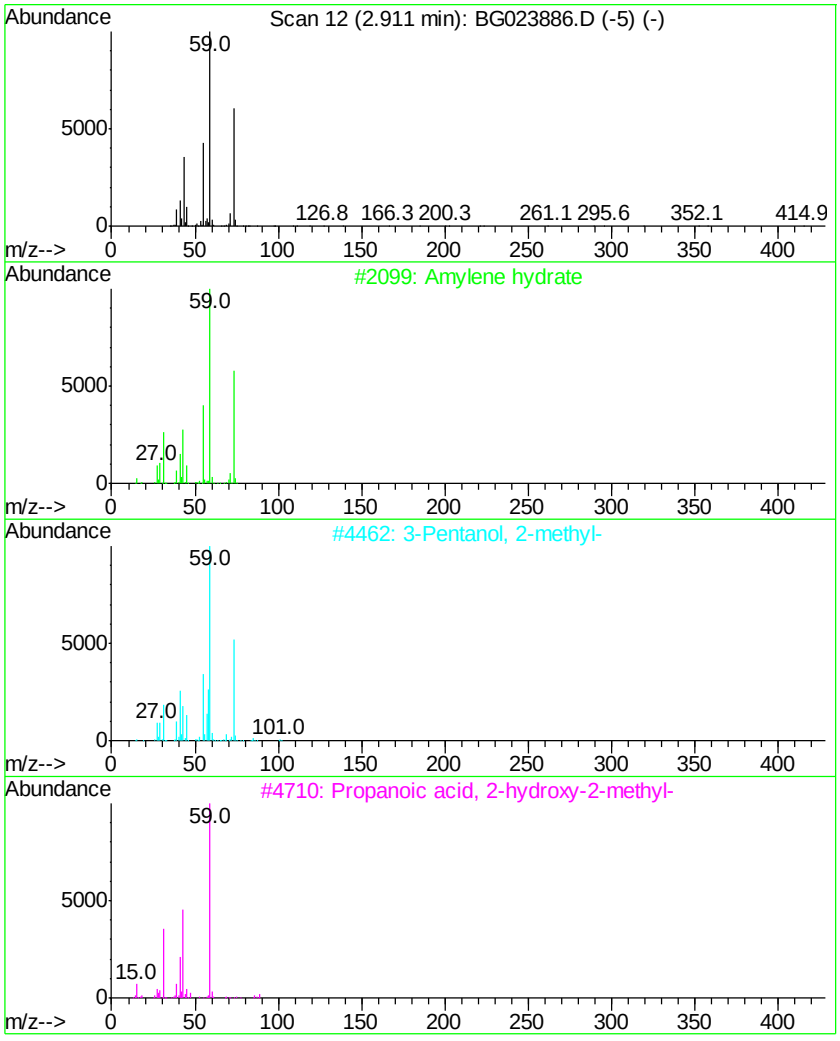
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

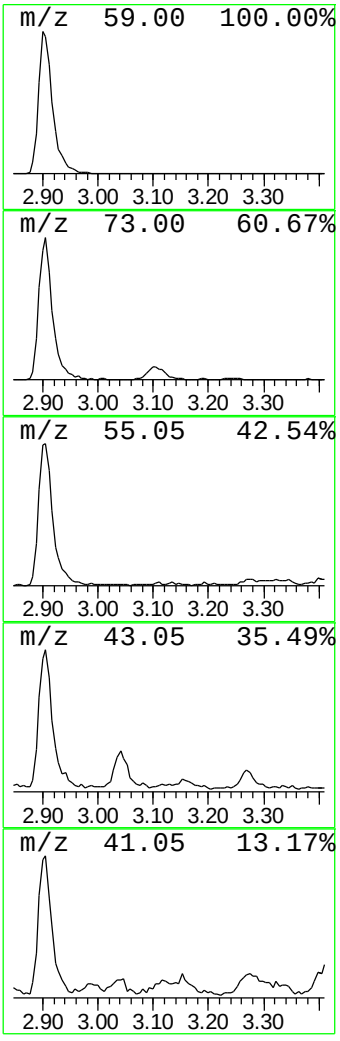
****

Peak Number 1 Amylene hydrate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	16.91 ng	871477	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
3	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	40
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	39
5	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

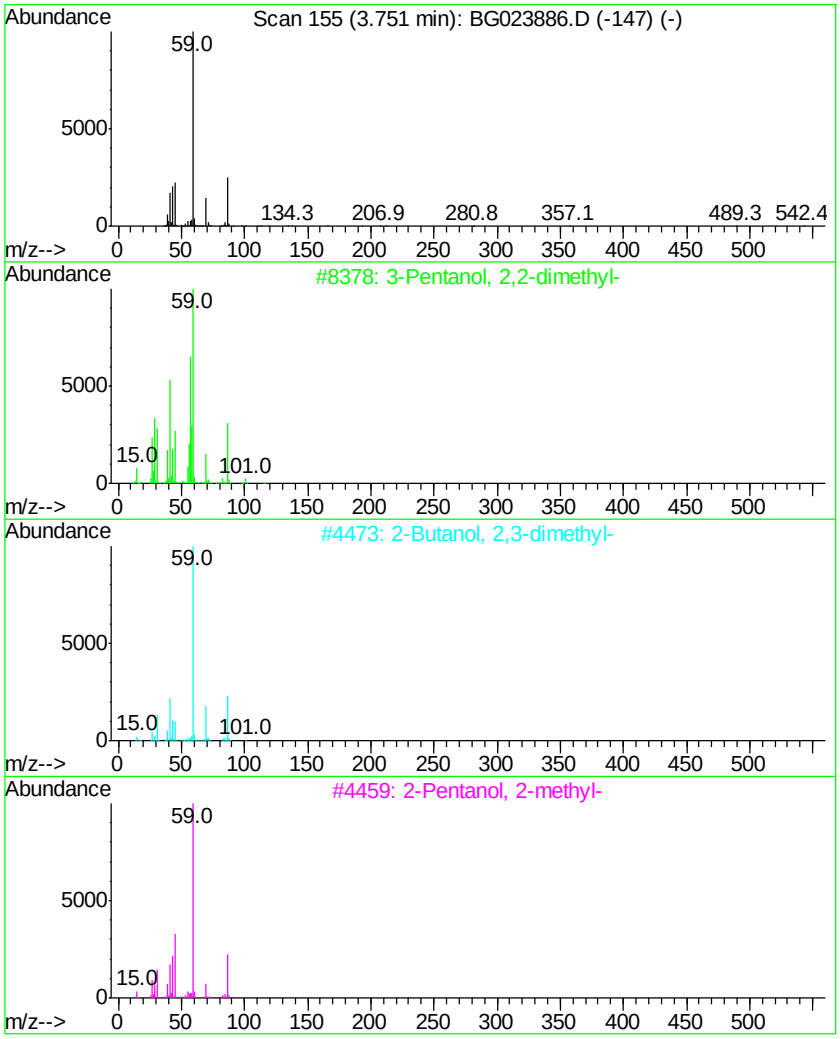
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

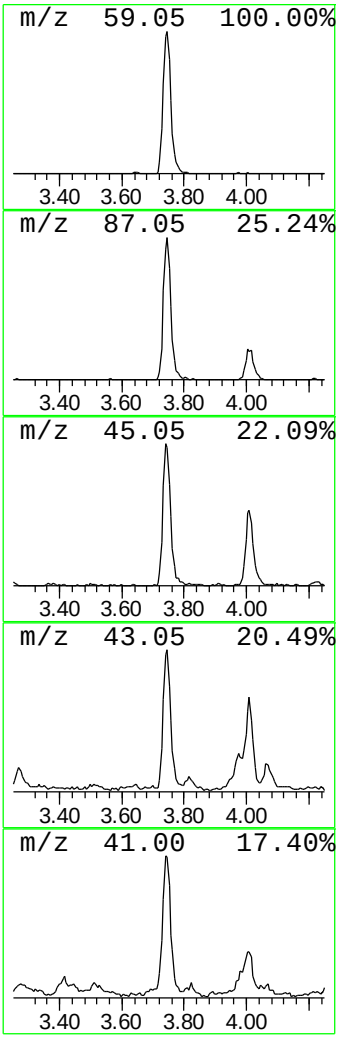
****

Peak Number 3 3-Pentanol, 2,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	19.00 ng	979263	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	59
5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

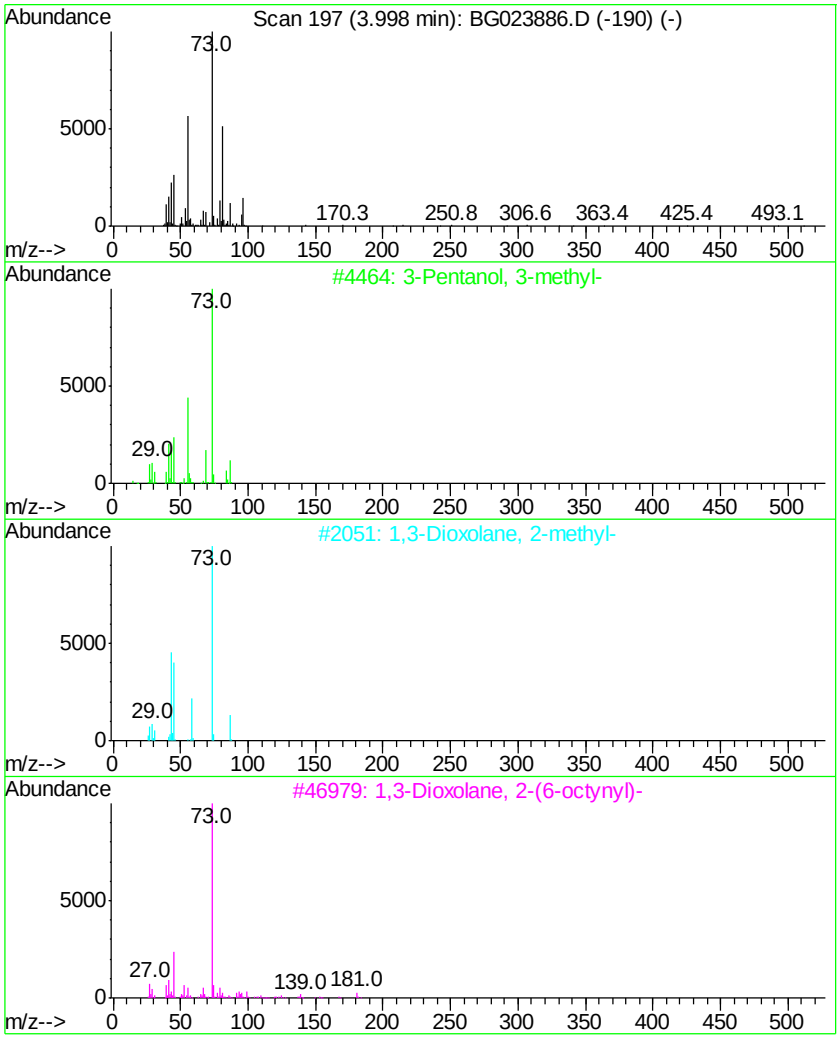
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

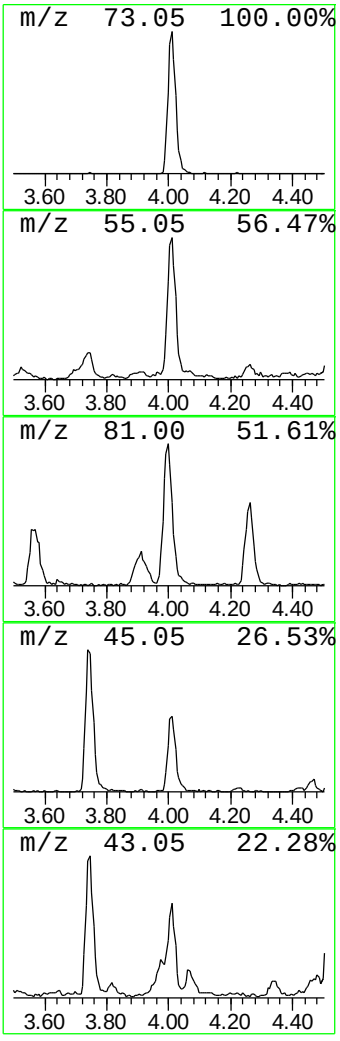
****

Peak Number 4 unknown4.00 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	14.28 ng	736048	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	45
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	1,3-Dioxolane, 2-(6-octynyl)-	182	C11H18O2	056741-65-2	37
4	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	37
5	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

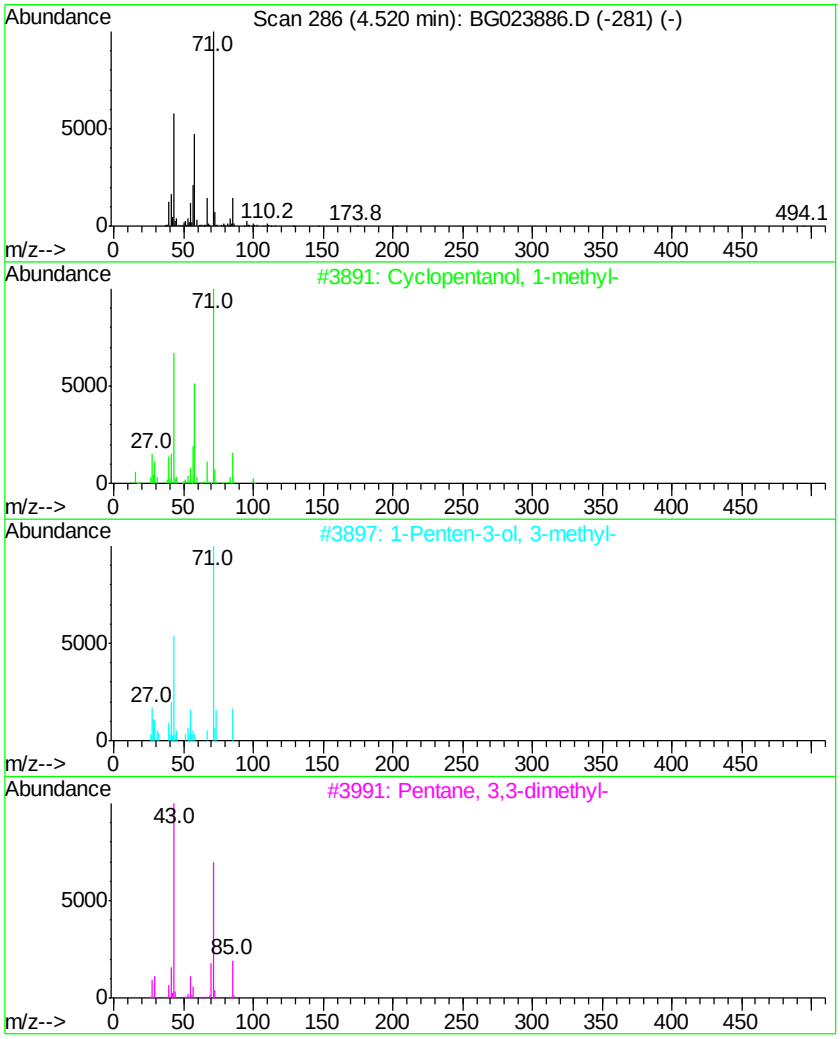
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

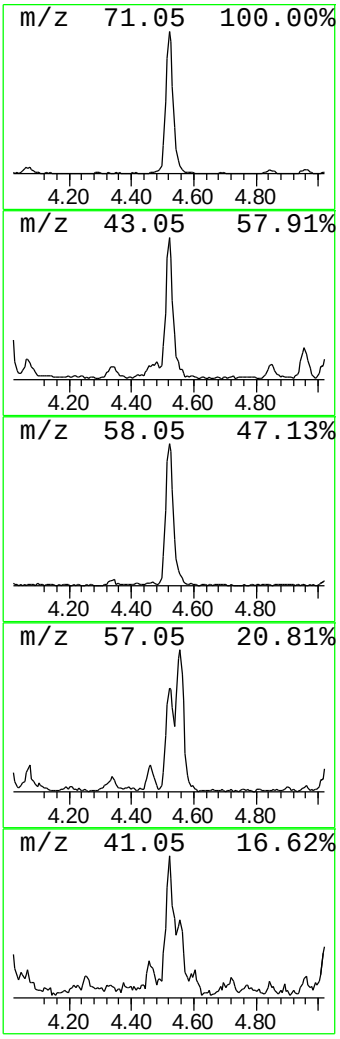
****

Peak Number 5 Cyclopentanol, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	14.94 ng	769980	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	90
2	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	50
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	43
5	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

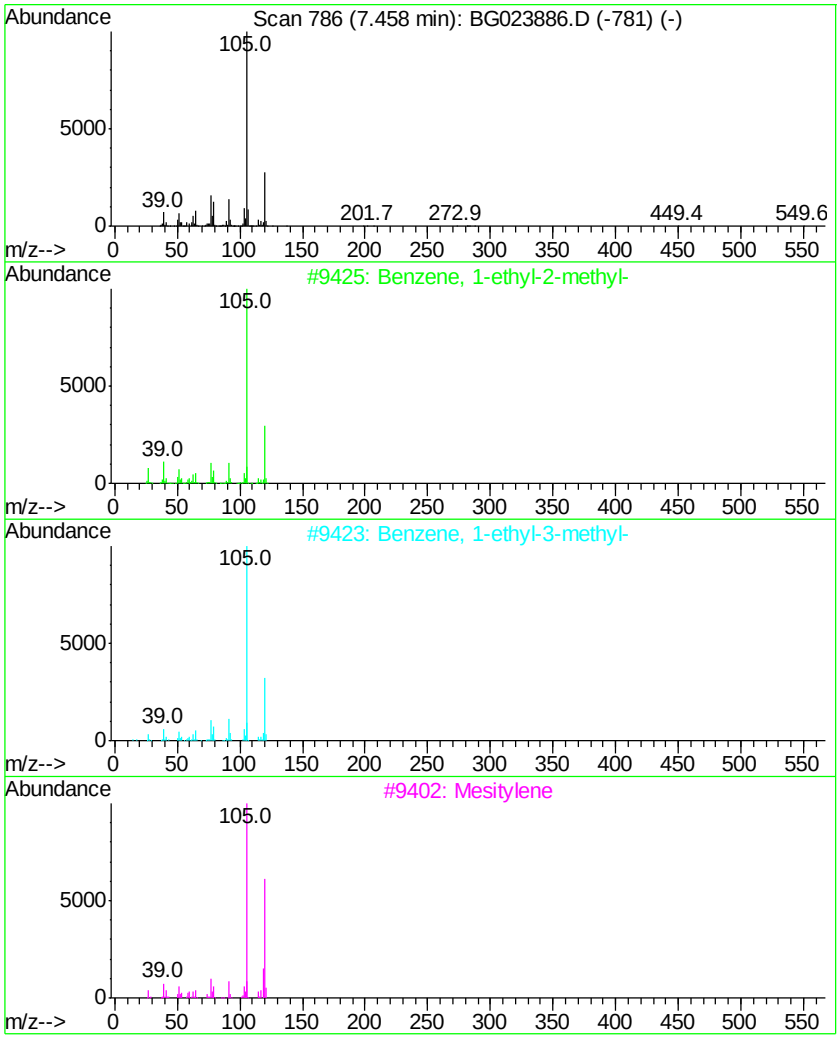
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

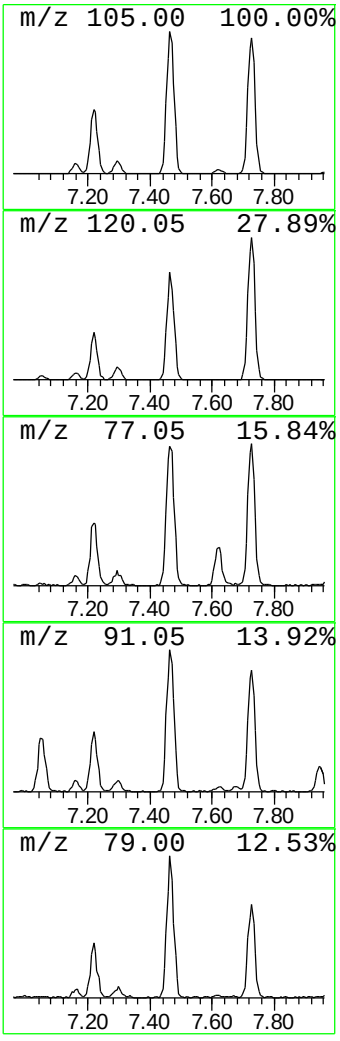
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	41.97 ng	2162800	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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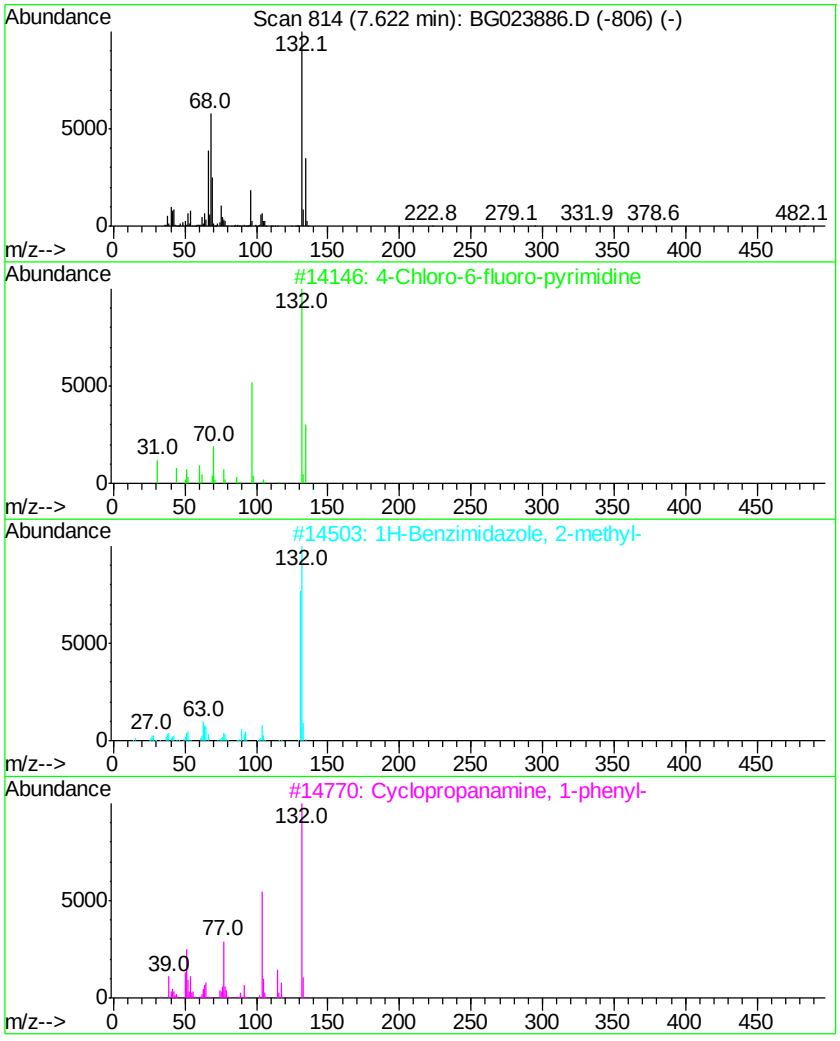
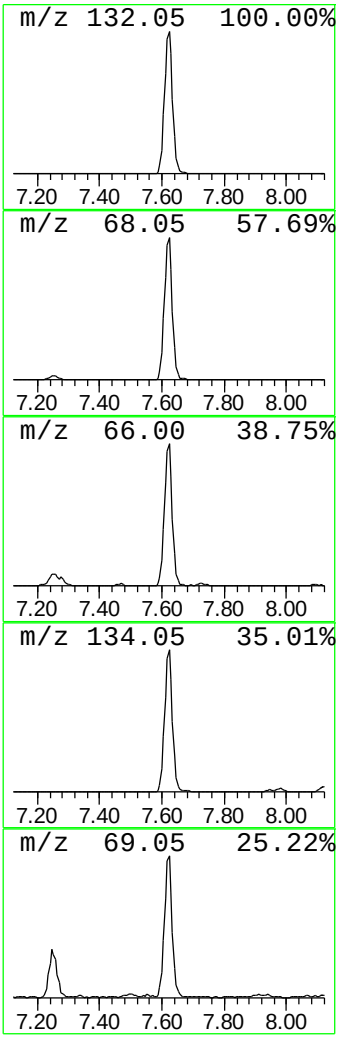
Peak Number 7 unknown7.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	70.23 ng	3618870	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

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Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

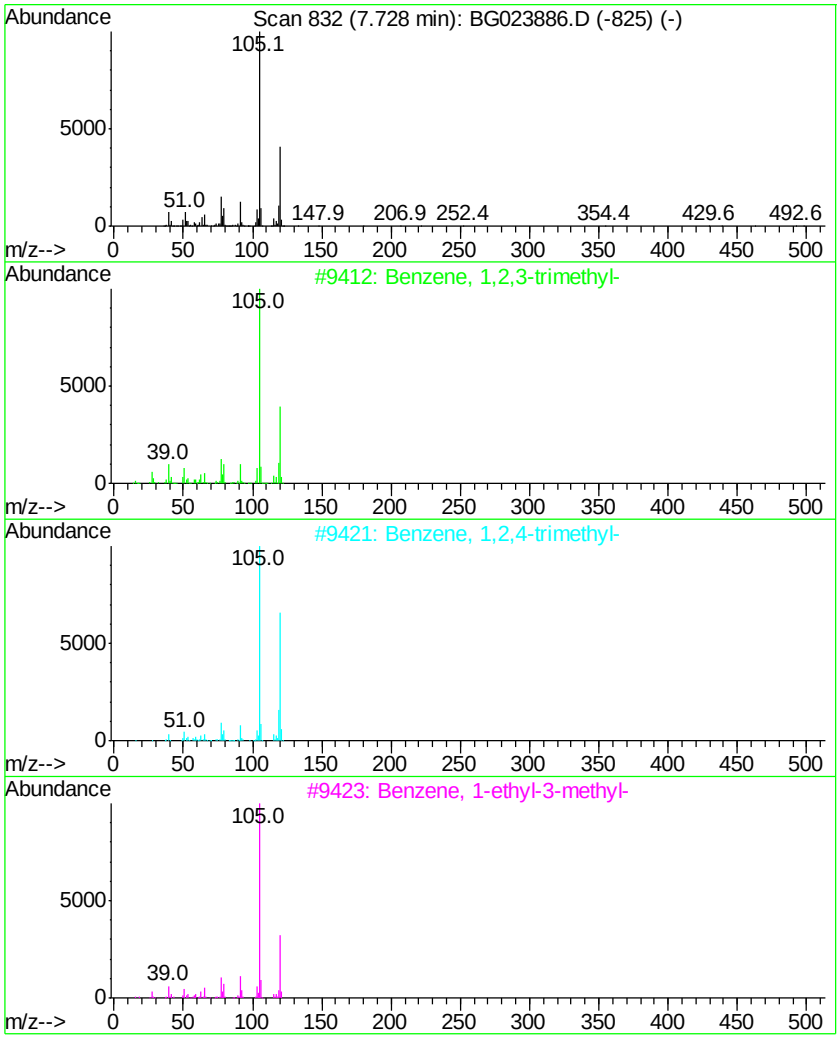
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

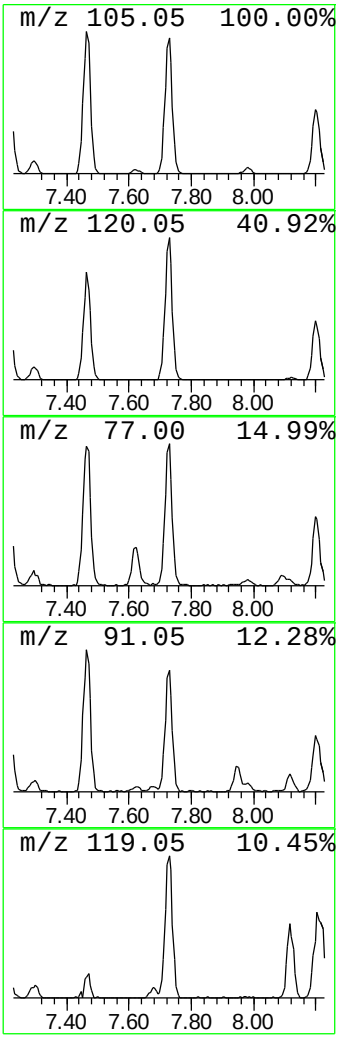
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	39.69 ng	2045330	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Acq On : 24 Aug 2016 16:13
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Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

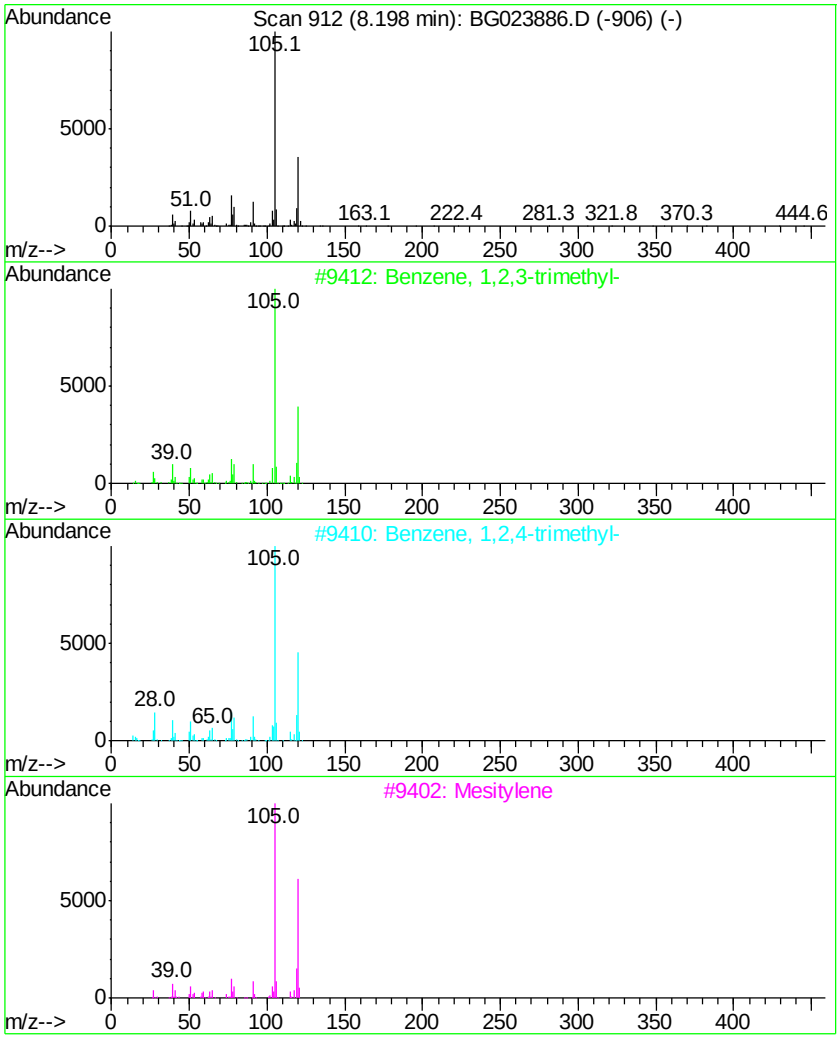
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

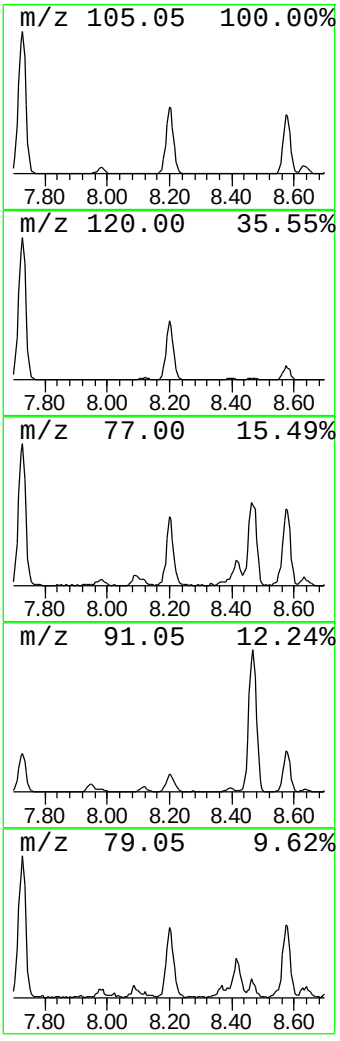
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	20.03 ng	1031940	1,4-Dichlorobenzene-d4	8.09

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	94
3	Mesitylene	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	90





Library Search Compound Report

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Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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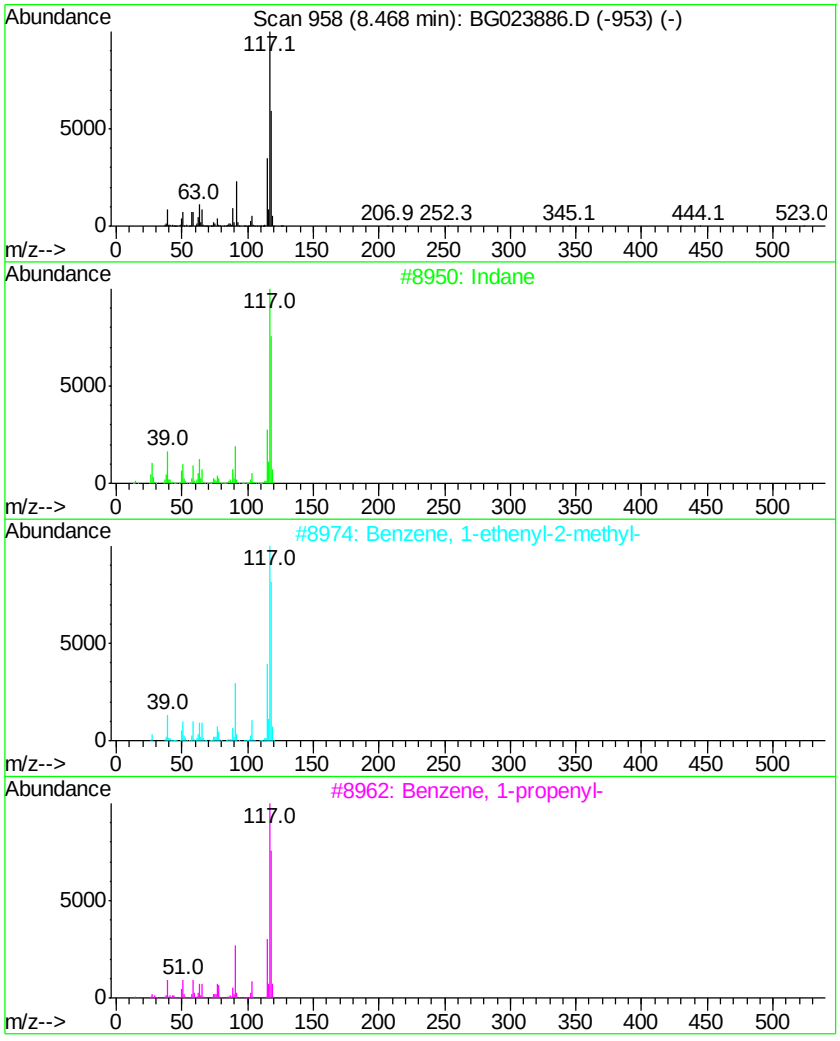
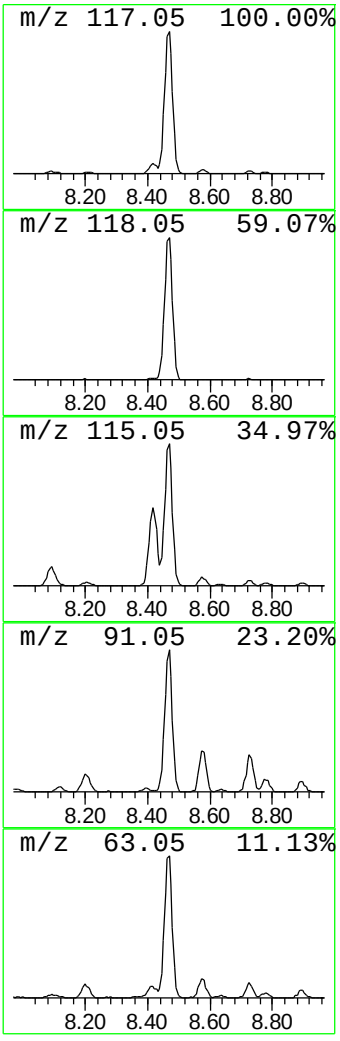
Peak Number 11 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	104.21 ng	5370110	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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

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

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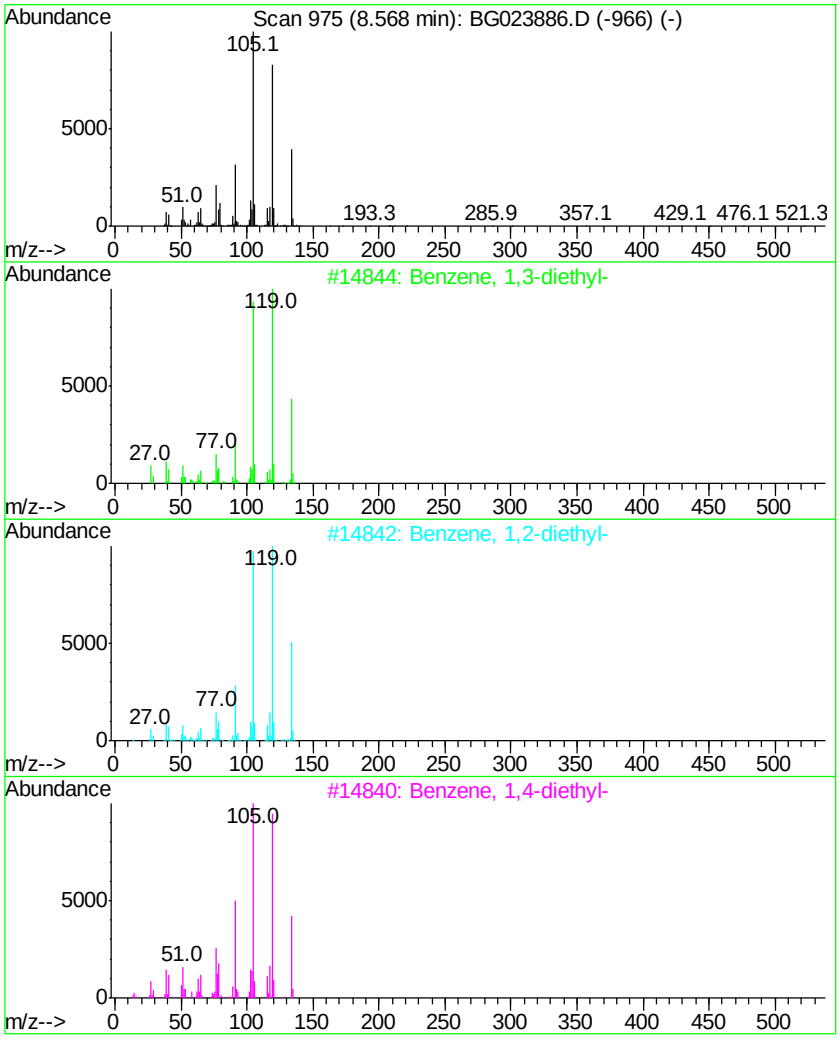
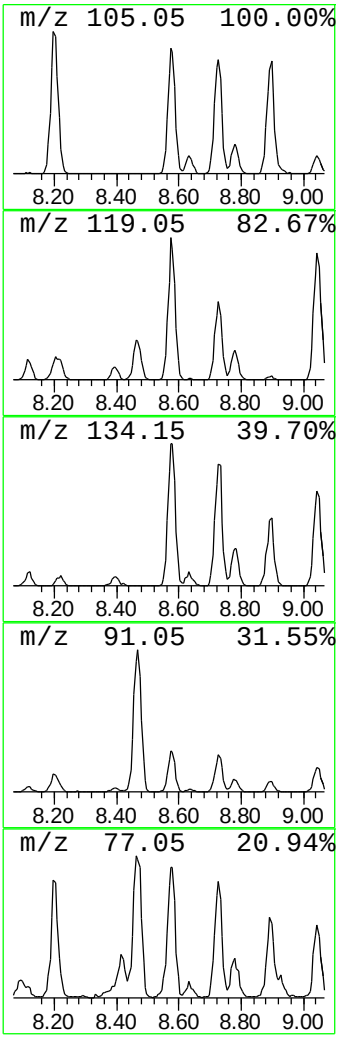
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	26.59 ng	1370400	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	p-Cymene	134	C10H14	000099-87-6	81





Library Search Compound Report

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Data File : BG023886.D
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Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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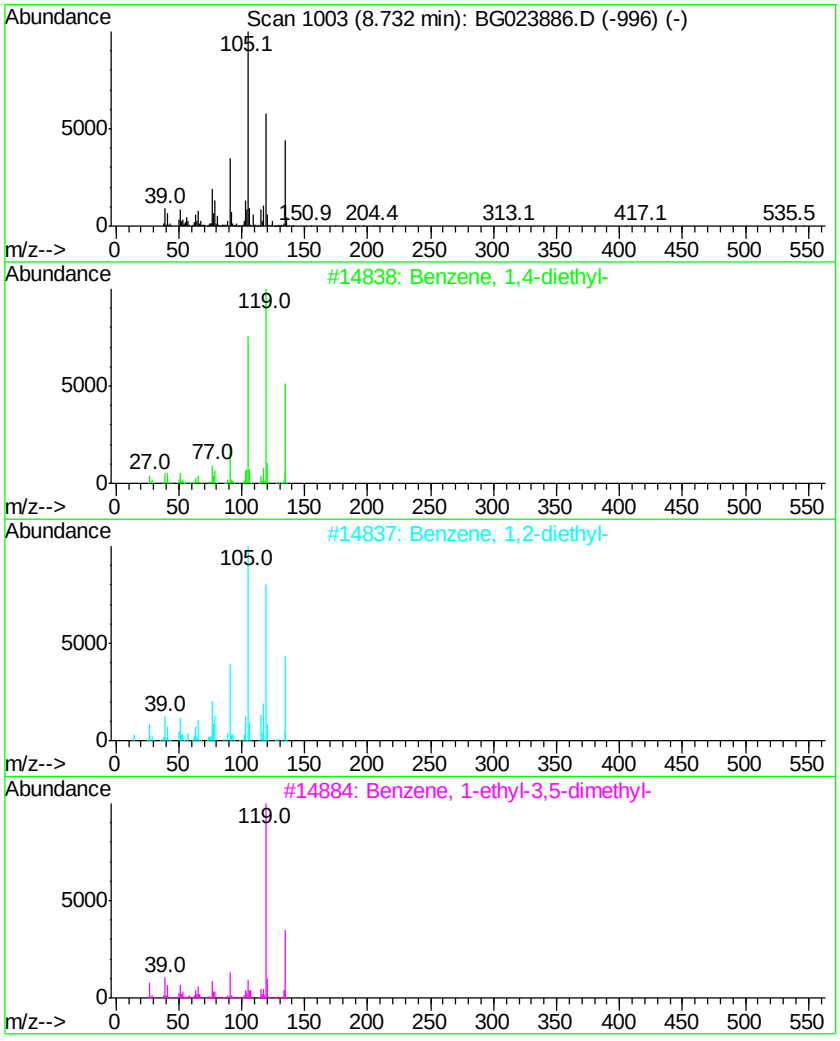
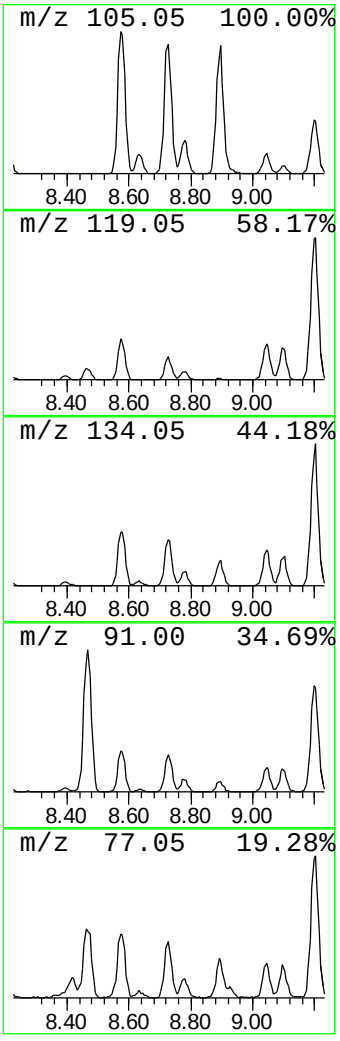
Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	23.16 ng	1193390	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	86
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
4	2-Tolyloxirane	134	C9H10O	002783-26-8	70
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60





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Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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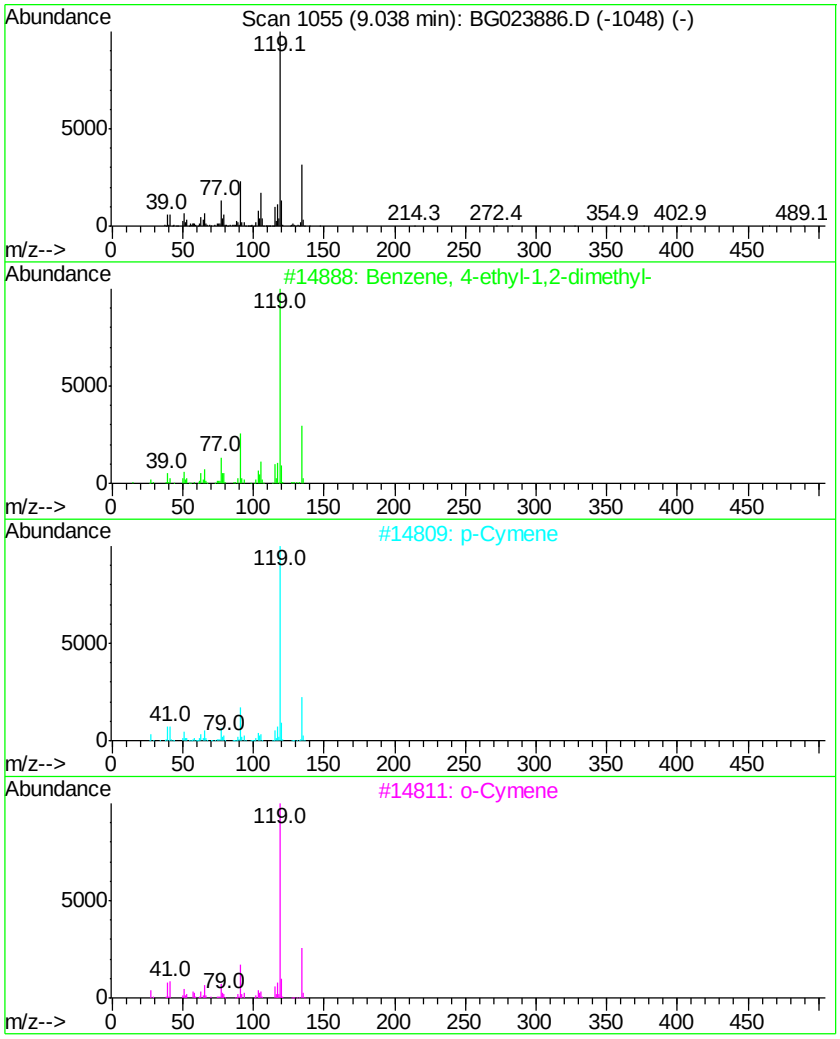
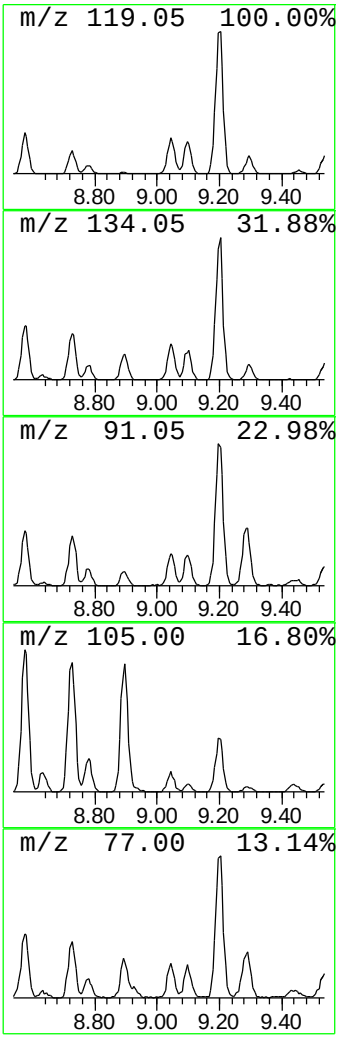
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	16.65 ng	858042	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

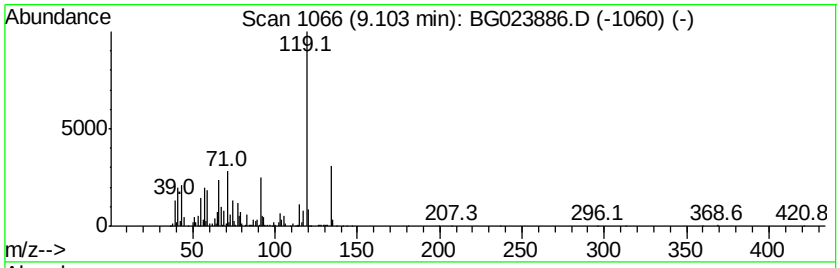
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

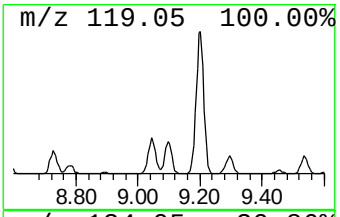
****

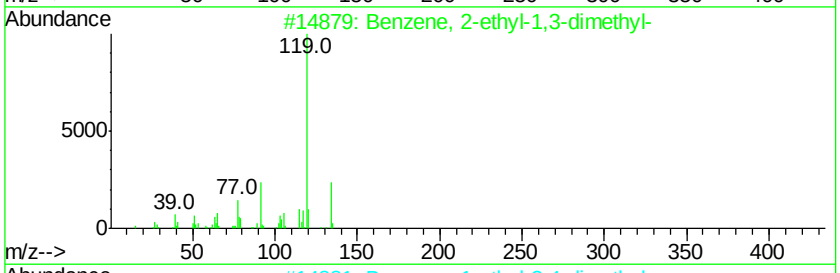
Peak Number 15 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

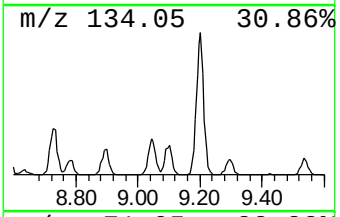
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	24.91 ng	1283530	1,4-Dichlorobenzene-d4	8.09

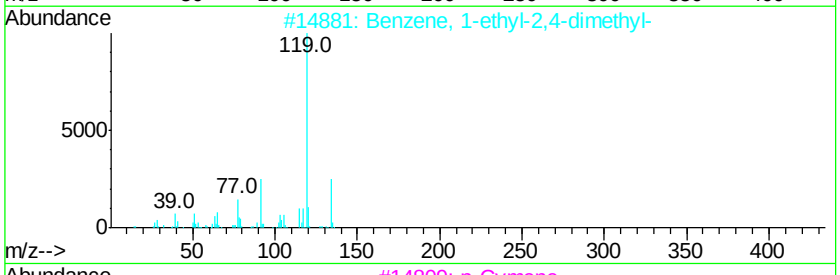
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89

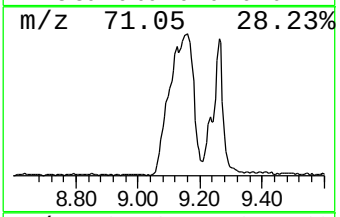


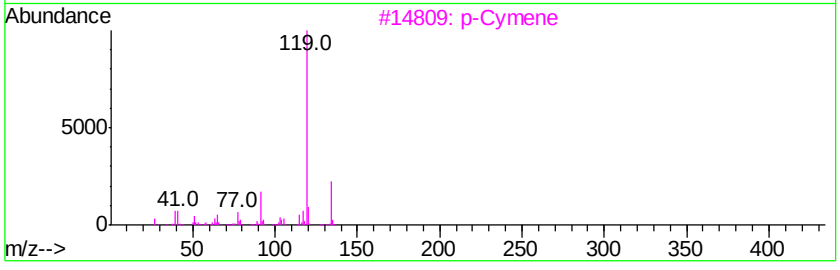


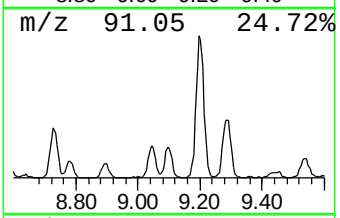


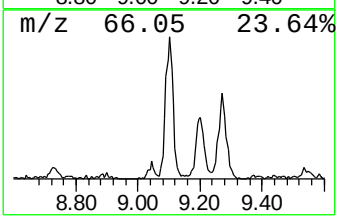












Library Search Compound Report

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Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

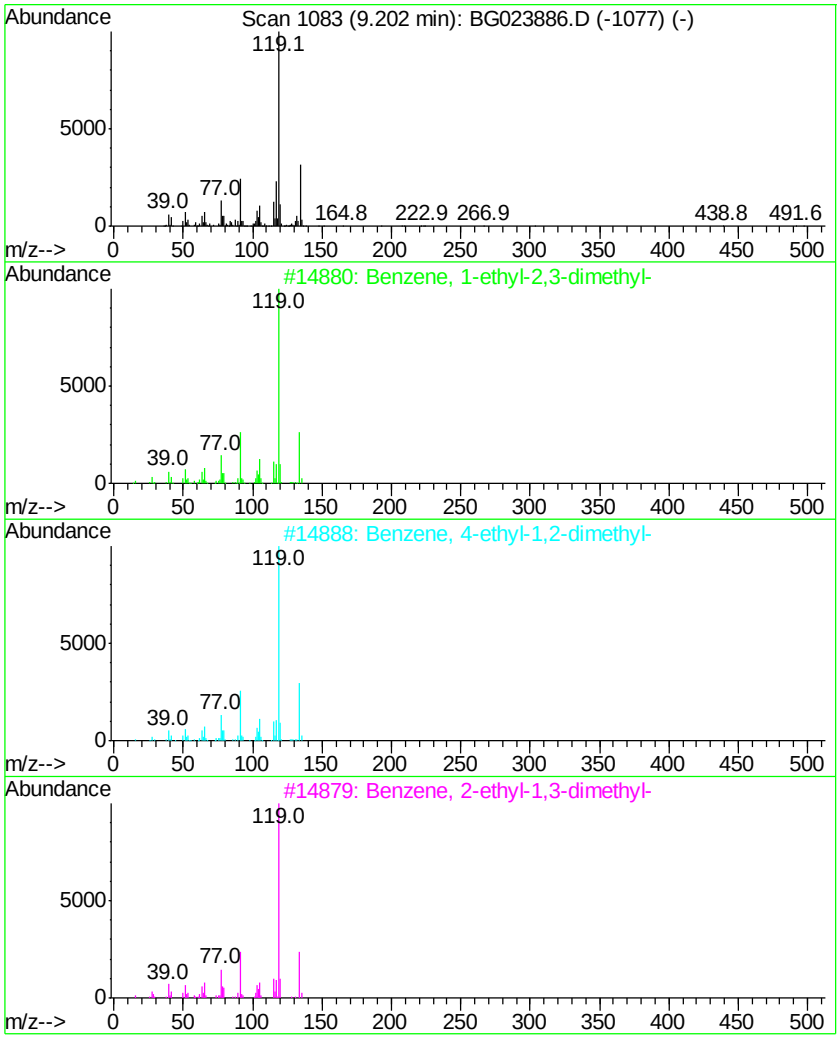
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

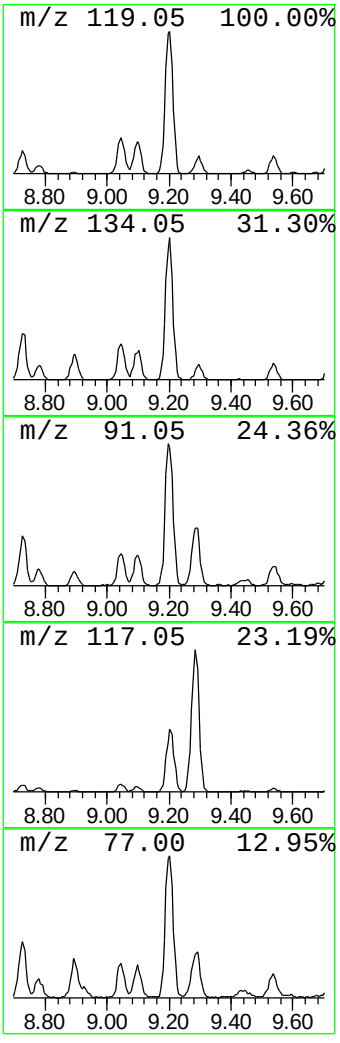
****

Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	82.38 ng	4245200	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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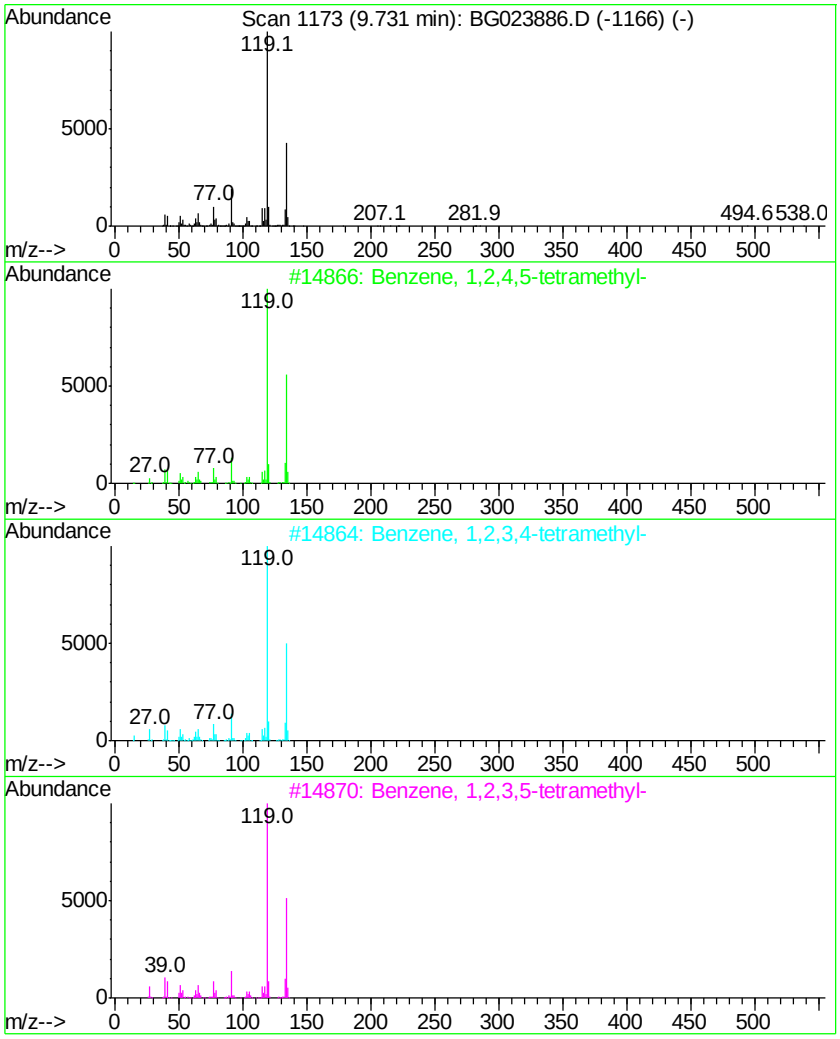
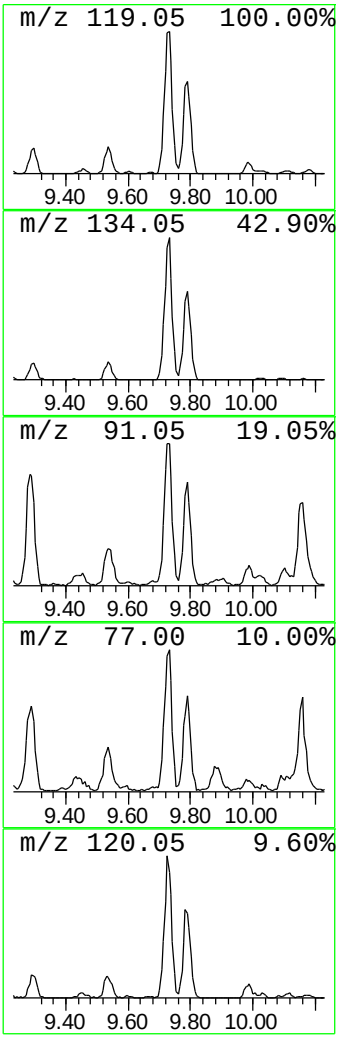
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	20.00 ng	1990020	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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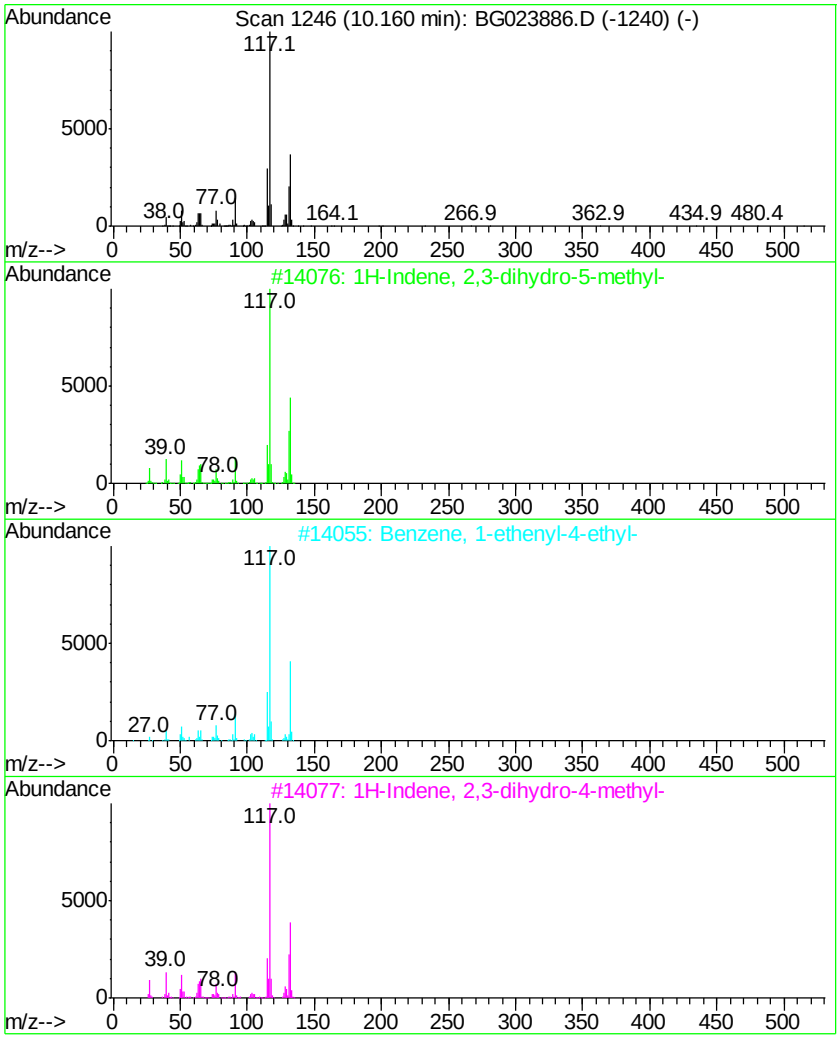
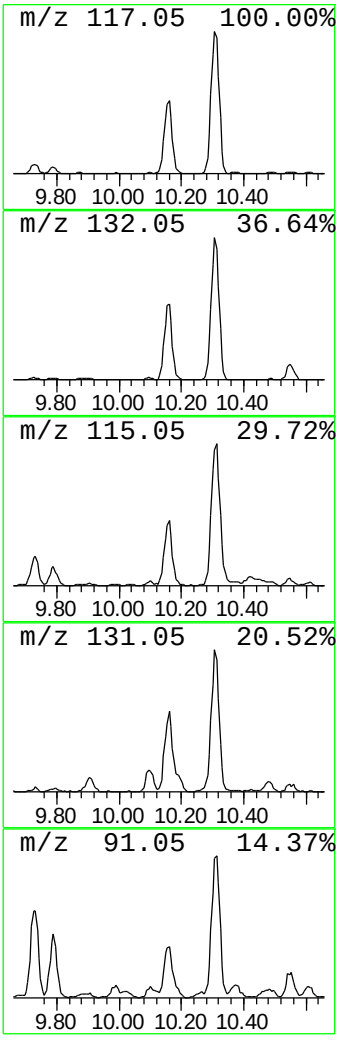
Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	18.35 ng	1825610	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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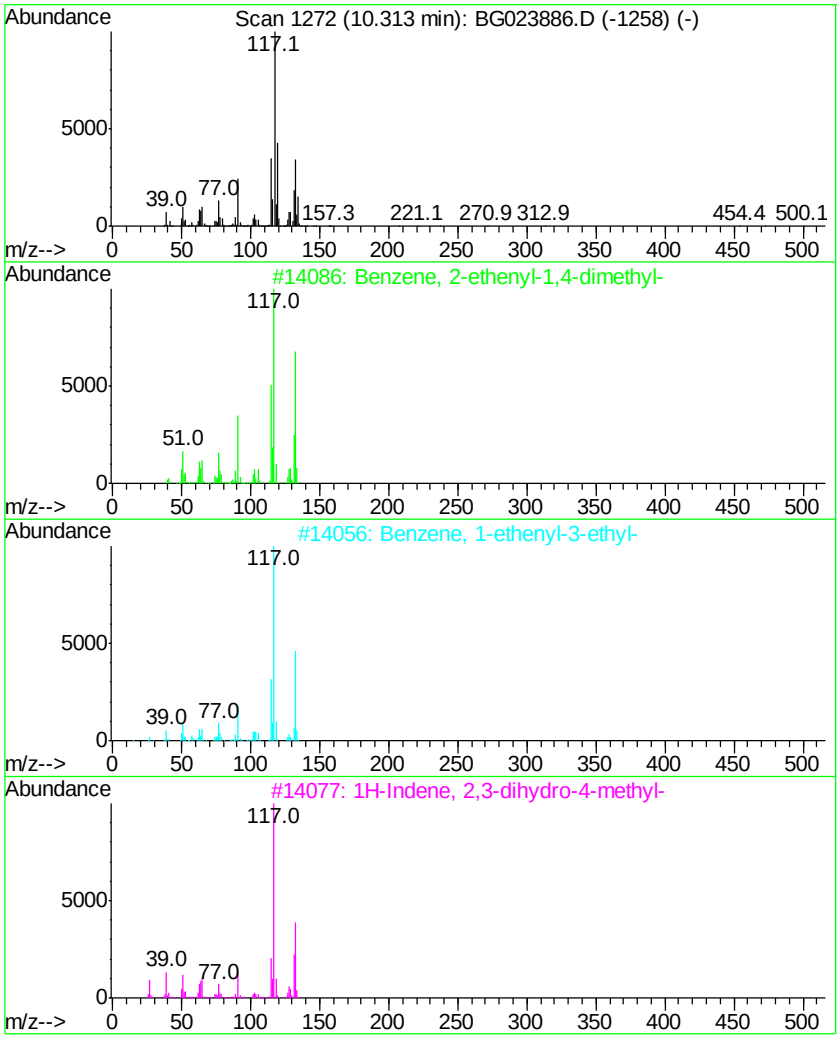
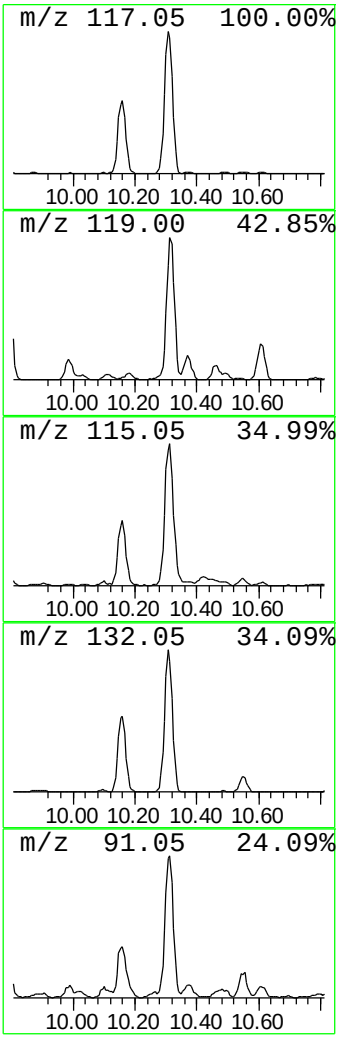
Peak Number 19 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	46.58 ng	4634700	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

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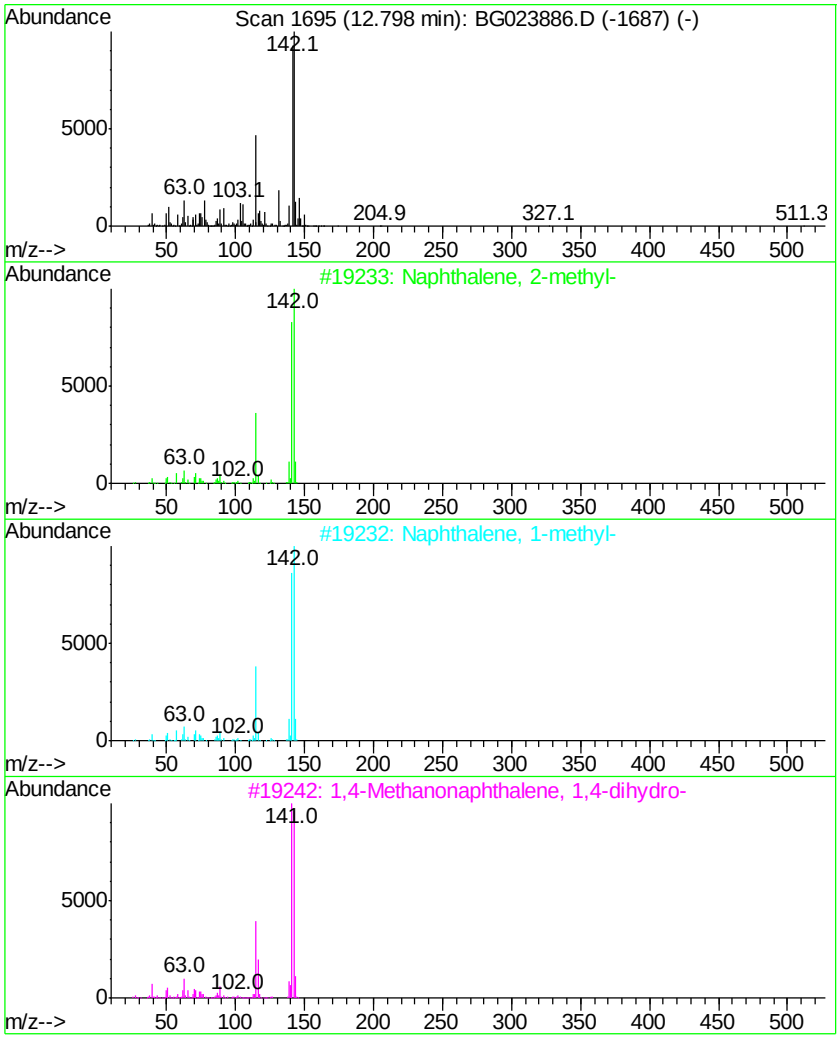
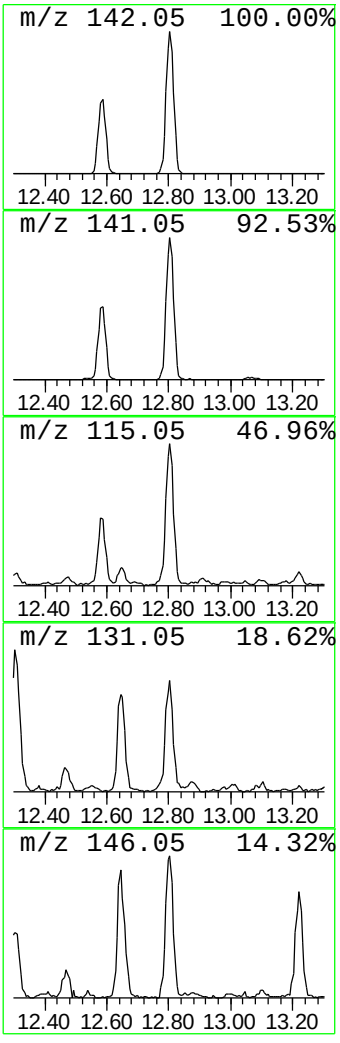
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	21.33 ng	2122290	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	90
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082416\
Data File : BG023886.D
Acq On : 24 Aug 2016 16:13
Operator : UM/SJ
Sample : H4567-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Amylene hydrate	2.91	16.9	ng	871477	1	8.09	1030610	20.0
3-Pentanol, 2,2-d...	3.75	19.0	ng	979263	1	8.09	1030610	20.0
unknown4.00	4.00	14.3	ng	736048	1	8.09	1030610	20.0
Cyclopentanol, 1-...	4.52	14.9	ng	769980	1	8.09	1030610	20.0
Benzene, 1-ethyl-...	7.46	42.0	ng	2162800	1	8.09	1030610	20.0
unknown7.62	7.62	70.2	ng	3618870	1	8.09	1030610	20.0
Benzene, 1,2,3-tr...	7.73	39.7	ng	2045330	1	8.09	1030610	20.0
Benzene, 1,2,4-tr...	8.20	20.0	ng	1031940	1	8.09	1030610	20.0
Indane	8.47	104.2	ng	5370110	1	8.09	1030610	20.0
Benzene, 1,3-diet...	8.57	26.6	ng	1370400	1	8.09	1030610	20.0
Benzene, 1,4-diet...	8.73	23.2	ng	1193390	1	8.09	1030610	20.0
Benzene, 4-ethyl-...	9.04	16.6	ng	858042	1	8.09	1030610	20.0
Benzene, 2-ethyl-...	9.10	24.9	ng	1283530	1	8.09	1030610	20.0
Benzene, 1-ethyl-...	9.20	82.4	ng	4245200	1	8.09	1030610	20.0
Benzene, 1,2,4,5-...	9.73	20.0	ng	1990020	2	10.92	1990200	20.0
1H-Indene, 2,3-di...	10.16	18.4	ng	1825610	2	10.92	1990200	20.0
Benzene, 1-etheny...	10.31	46.6	ng	4634700	2	10.92	1990200	20.0
Naphthalene, 1-me...	12.80	21.3	ng	2122290	2	10.92	1990200	20.0