LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

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-BG102516.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	3.443	97	103	110	rBV6	40815	122528	1.69%	0.160%
2	3.901	175	181	189	rVB4	310085	649851	8.95%	0.848%
3	4.136	215	221	231	rBV3	97848	199442	2.75%	0.260%
4	4.236	232	238	244	rBV2	98463	200040	2.75%	0.261%
5	4.571	288	295	300	rBV4	70619	163267	2.25%	0.213%
6	4.712	307	319	326	rVB5	99229	240532	3.31%	0.314%
7	4.865	339	345	353	rVB2	121840	239550	3.30%	0.312%
8	4.947	353	359	366	rBV2	76288	137790	1.90%	0.180%
9	5.329	419	424	428	rBV	233246	371751	5.12%	0.485%
10	5.370	428	431	435	rVV2	93935	128561	1.77%	0.168%
11	5.423	435	440	447	rVB3	228411	412729	5.68%	0.538%
12	5.664	475	481	486	rBV5	58427	105159	1.45%	0.137%
13	5.740	486	494	500	rBV	3163734	5435586	74.85%	7.089%
14	5.799	500	504	513	rVB	570466	970703	13.37%	1.266%
15	5.899	513	521	527	rBV	1926474	3370899	46.42%	4.396%
16	6.128	549	560	565	rBV7	72159	185466	2.55%	0.242%
17	6.181	565	569	576	rBV3	73894	127492	1.76%	0.166%
18	6.292	583	588	592	rBV3	95852	185384	2.55%	0.242%
19	6.510	615	625	632	rBV7	93564	255265	3.52%	0.333%
20	6.727	654	662	675	rVB2	909472	1722033	23.71%	2.246%
21	6.874	681	687	695	rVB7	69692	149111	2.05%	0.194%
22	7.227	740	747	755	rVB	1061693	1877783	25.86%	2.449%
23	7.397	769	776	792	rVB2	1067946	2122567	29.23%	2.768%
24	7.638	809	817	823	rBV	177171	350736	4.83%	0.457%
25	7.791	836	843	849	rBV	1071725	1876780	25.84%	2.448%
26	7.896	857	861	868	rBV2	89615	167530	2.31%	0.218%
27	8.149	901	904	909	rVV2	161506	269593	3.71%	0.352%
28	8.202	909	913	918	rVV2	73815	122465	1.69%	0.160%
29	8.267	918	924	938	rVB	386603	768715	10.59%	1.003%
30	8.590	966	979	984	rBV	1122315	2195871	30.24%	2.864%
31	8.637	984	987	994	rVB	230987	410710	5.66%	0.536%
32	8.743	1000	1005	1011	rVB2	166165	278704	3.84%	0.363%
33	8.819	1011	1018	1024	rVB7	56542	134485	1.85%	0.175%
34	8.895	1024	1031	1034	rBV2	181138	335037	4.61%	0.437%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

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-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.948	1034	1040	1049	rVV	666458	1279540	17.62%	1.669%
36	9.095	1053	1065	1071	rBV	1274224	2701020	37.19%	3.523%
37	9.160	1071	1076	1079	rVV3	80298	129691	1.79%	0.169%
38	9.213	1079	1085	1089	rVV	240305	412948	5.69%	0.539%
39	9.265	1089	1094	1103	rVV2	331351	637146	8.77%	0.831%
40	9.365	1103	1111	1115	rVV3	452119	916879	12.63%	1.196%
41	9.442	1115	1124	1138	rVB2	1149333	2711179	37.33%	3.536%
42	9.712	1164	1170	1185	rVB2	65951	257199	3.54%	0.335%
43	9.888	1195	1200	1205	rVV	190641	324094	4.46%	0.423%
44	9.953	1205	1211	1216	rVB	312977	516246	7.11%	0.673%
45	10.147	1239	1244	1247	rBV6	122506	215240	2.96%	0.281%
46	10.258	1258	1263	1269	rBV5	68536	155082	2.14%	0.202%
47	10.323	1269	1274	1281	rVB5	72403	130424	1.80%	0.170%
48	10.417	1282	1290	1294	rBV2	97798	208310	2.87%	0.272%
49	10.476	1294	1300	1307	rBV3	505677	895627	12.33%	1.168%
50	10.570	1312	1316	1322	rVV5	178083	335962	4.63%	0.438%
51	10.652	1322	1330	1336	rVV2	289757	610630	8.41%	0.796%
52	10.717	1337	1341	1346	rVV3	144877	256656	3.53%	0.335%
53	10.775	1346	1351	1357	rVB5	107569	208573	2.87%	0.272%
54	10.999	1384	1389	1394	rVV2	361512	675022	9.30%	0.880%
55	11.093	1394	1405	1409	rVV2	499901	1135744	15.64%	1.481%
56	11.140	1409	1413	1419	rVV	888759	1709732	23.54%	2.230%
57	11.198	1419	1423	1429	rVB5	181521	337410	4.65%	0.440%
58	11.281	1431	1437	1442	rBV7	55395	130752	1.80%	0.171%
59	11.598	1488	1491	1496	rVB3	58722	94768	1.31%	0.124%
60	11.692	1503	1507	1512	rBV4	80807	130343	1.79%	0.170%
61	11.939	1544	1549	1552	rVV5	90285	167069	2.30%	0.218%
62	12.033	1553	1565	1572	rVV3	496107	1506447	20.74%	1.965%
63	12.103	1573	1577	1585	rVB6	116754	233126	3.21%	0.304%
64	12.456	1633	1637	1645	rVB2	281693	526630	7.25%	0.687%
65	12.614	1661	1664	1669	rVV7	54743	104489	1.44%	0.136%
66	12.685	1671	1676	1678	rVV3	112575	200444	2.76%	0.261%
67	12.726	1678	1683	1689	rVB	701489	1121214	15.44%	1.462%
68	12.785	1689	1693	1700	rVB5	122268	203742	2.81%	0.266%
69	12.873	1703	1708	1712	rBV4	105679	190865	2.63%	0.249%
70	12.955	1715	1722	1730	rVV7	216436	731203	10.07%	0.954%
71	13.032	1730	1735	1744	rVB4	226055	513518	7.07%	0.670%

LSC Area Percent Report

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Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

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-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.179	1752	1760	1763	rBV10	47777	141554	1.95%	0.185%
73	13.226	1765	1768	1776	rVB4	140364	235759	3.25%	0.307%
74	13.343	1784	1788	1792	rBV7	67889	118173	1.63%	0.154%
75	13.508	1809	1816	1822	rVB	2611870	3994682	55.01%	5.210%
76	13.631	1833	1837	1842	rVV3	125547	205722	2.83%	0.268%
77	13.701	1844	1849	1858	rVB6	175437	388144	5.34%	0.506%
78	13.848	1871	1874	1881	rBV9	50133	105779	1.46%	0.138%
79	14.019	1898	1903	1904	rBV4	93481	136700	1.88%	0.178%
80	14.054	1906	1909	1913	rVB6	134223	223009	3.07%	0.291%
81	14.201	1928	1934	1938	rBV2	158911	316347	4.36%	0.413%
82	14.254	1938	1943	1948	rVV3	136767	270894	3.73%	0.353%
83	14.318	1949	1954	1960	rVB	636785	942409	12.98%	1.229%
84	14.477	1977	1981	1985	rBV6	101794	171788	2.37%	0.224%
85	14.653	2008	2011	2022	rVB9	99167	219620	3.02%	0.286%
86	14.882	2044	2050	2056	rVB2	831007	1357455	18.69%	1.770%
87	15.341	2123	2128	2133	rBV8	85022	177767	2.45%	0.232%
88	15.476	2147	2151	2159	rBV8	49832	121614	1.67%	0.159%
89	15.676	2180	2185	2190	rVB3	183814	279561	3.85%	0.365%
90	16.181	2266	2271	2277	rBV9	43380	104746	1.44%	0.137%
91	16.363	2296	2302	2311	rBV	1826092	2922595	40.25%	3.812%
92	16.533	2327	2331	2338	rBV	122974	240570	3.31%	0.314%
93	17.620	2510	2516	2523	rBV	1057443	1719160	23.67%	2.242%
94	18.466	2656	2660	2665	rBV2	263495	348997	4.81%	0.455%
95	20.206	2950	2956	2961	rBV	5252060	7261909	100.00%	9.471%
96	21.498	3171	3176	3182	rBV2	285091	427192	5.88%	0.557%
97	21.757	3217	3220	3225	rVB	130061	185155	2.55%	0.241%
98	21.921	3241	3248	3259	rVB	1440334	2535315	34.91%	3.307%
99	23.643	3536	3541	3550	rVB3	166538	360368	4.96%	0.470%
100	25.352	3820	3832	3844	rVB	746073	2261021	31.14%	2.949%

Sum of corrected areas: 76673084

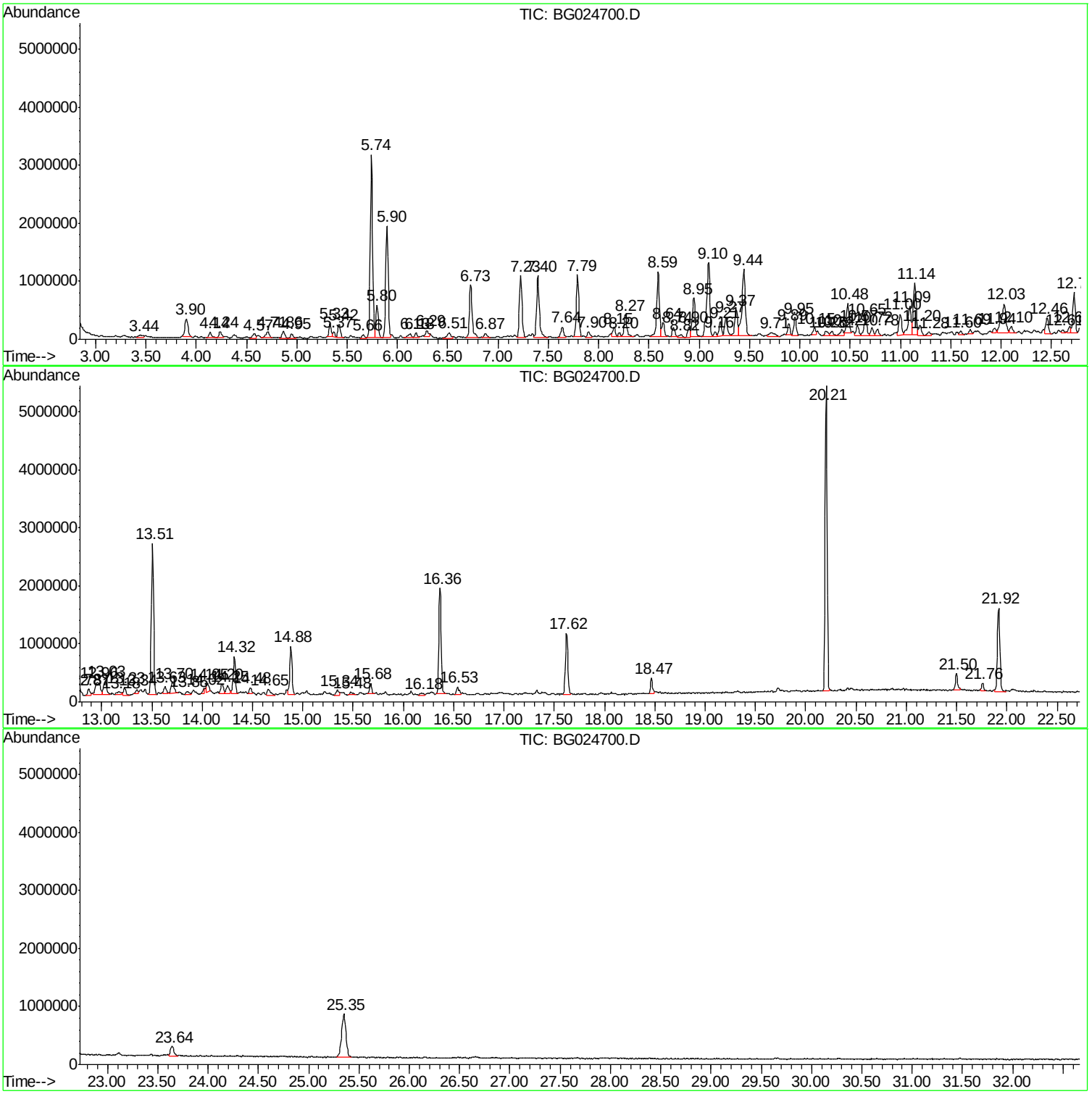
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

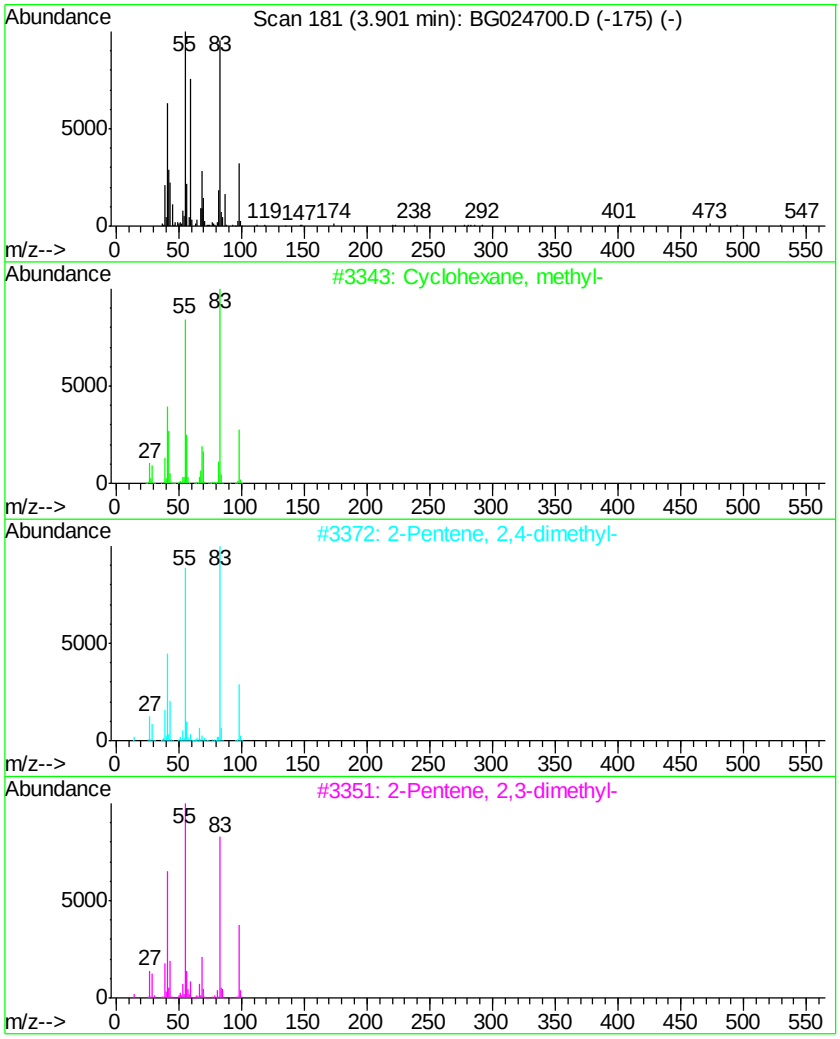
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

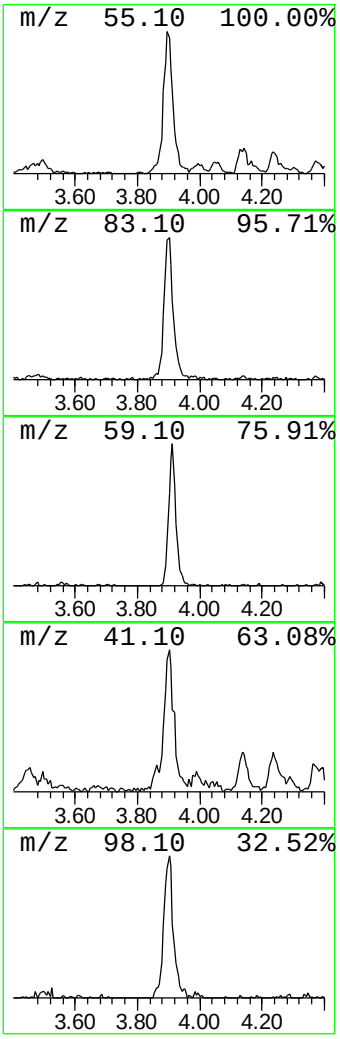
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	16.91 ng	649851	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	60
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	45
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	43
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	43
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

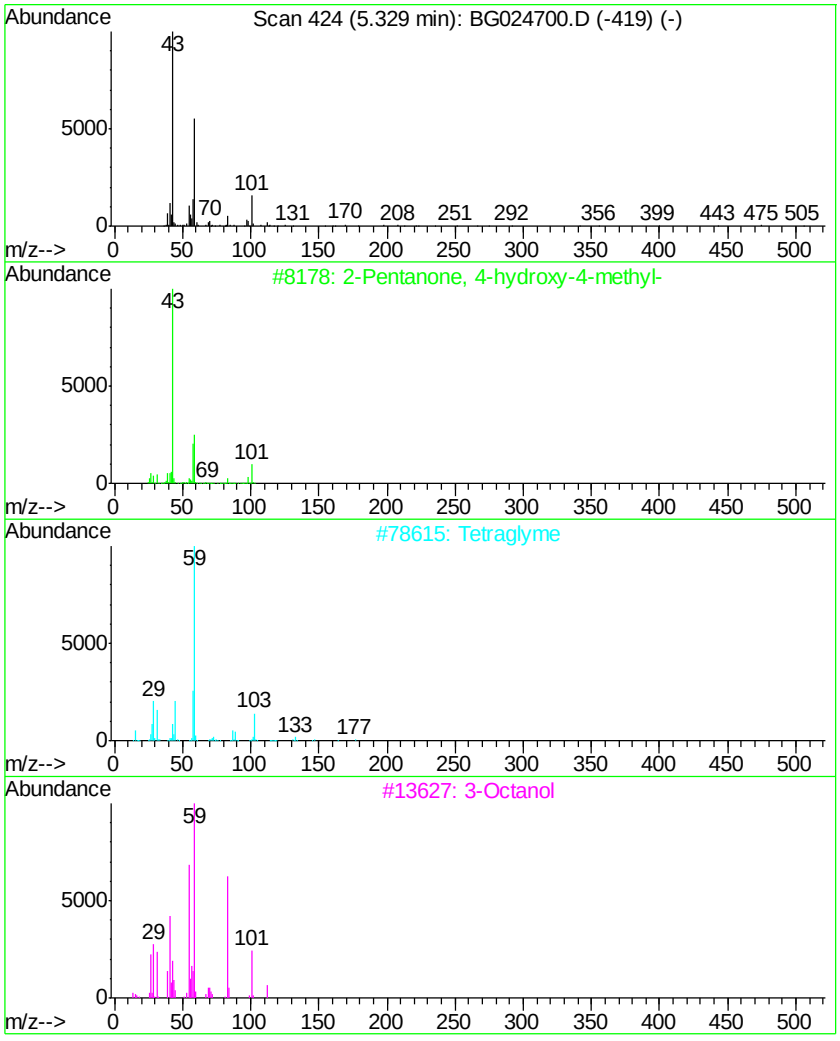
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

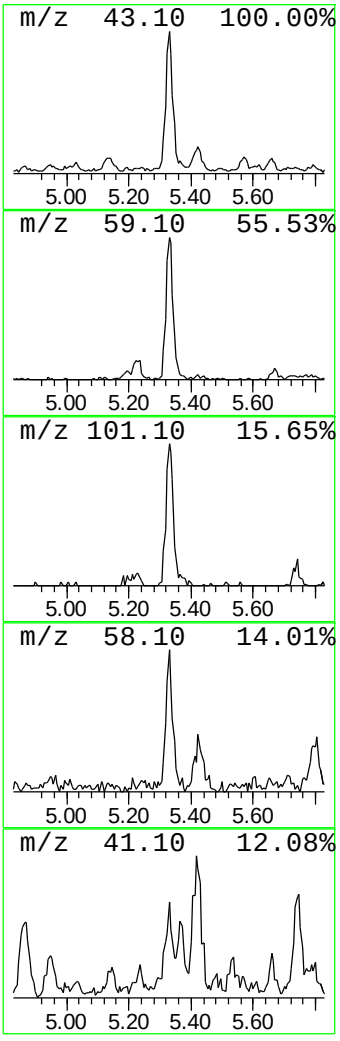
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	9.67 ng	371751	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Tetraglyme	222	C10H22O5	000143-24-8	37
3	3-Octanol	130	C8H18O	000589-98-0	28
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

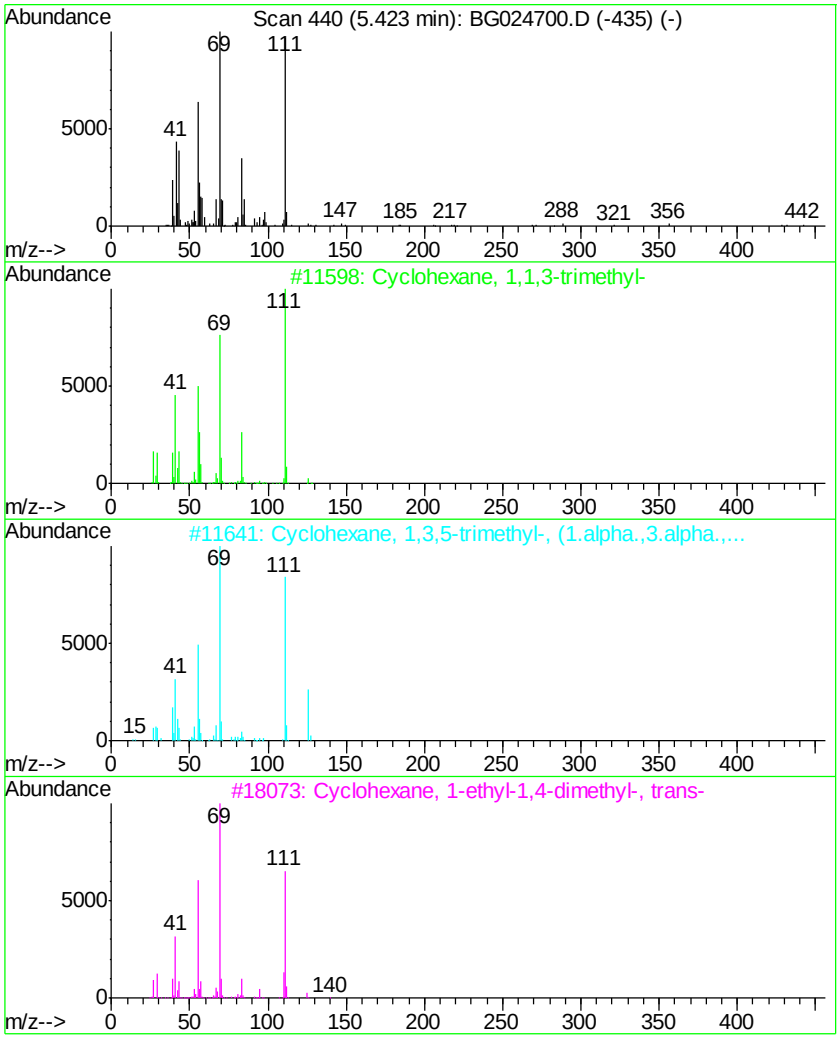
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

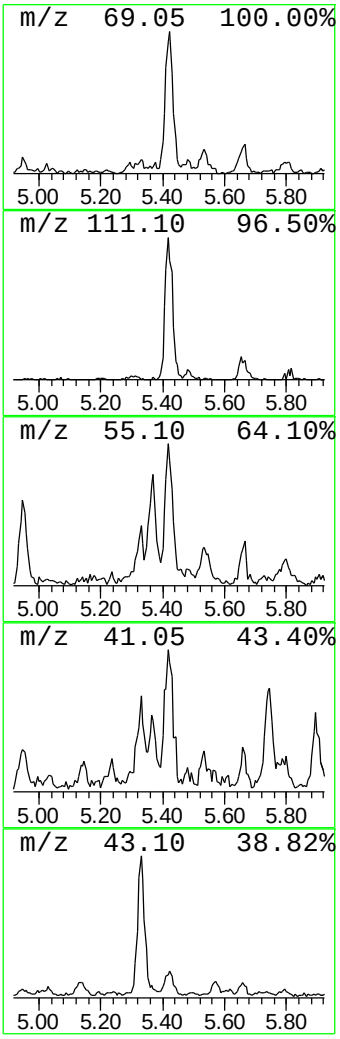
****

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	10.74 ng	412729	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	59
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
5	Cyclopropanecarboxamide, N-(4-fl...	179	C10H10FNO	1000307-18-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

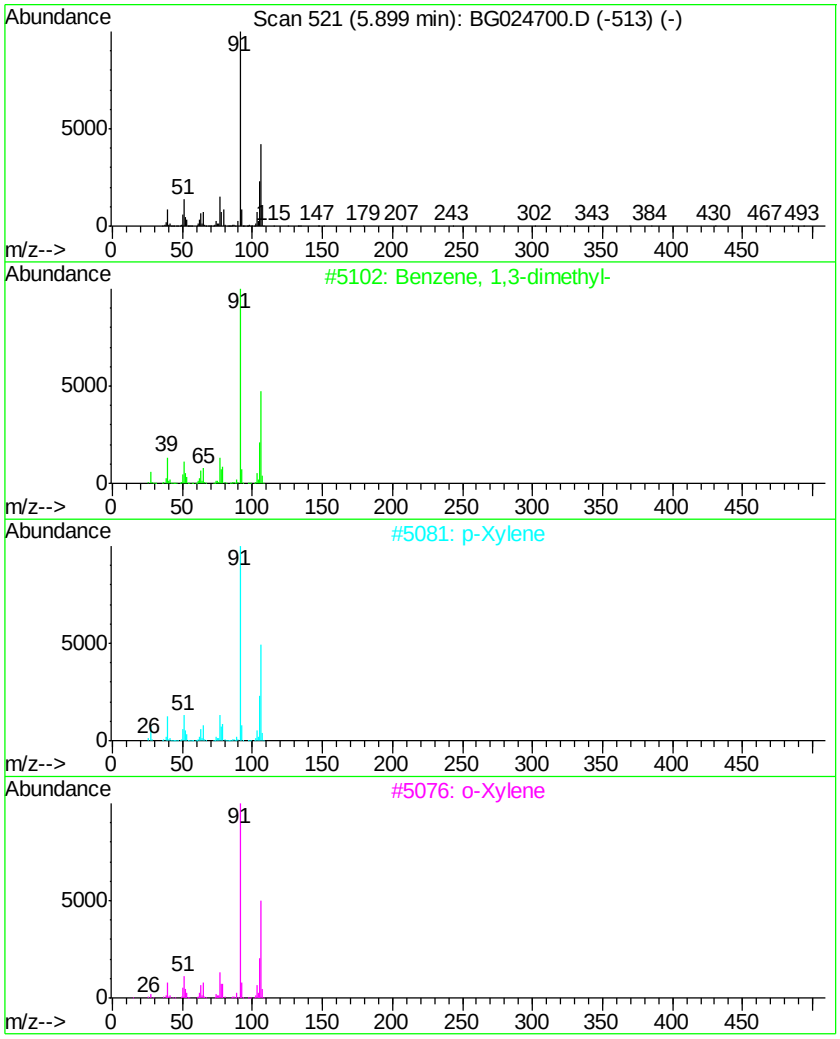
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

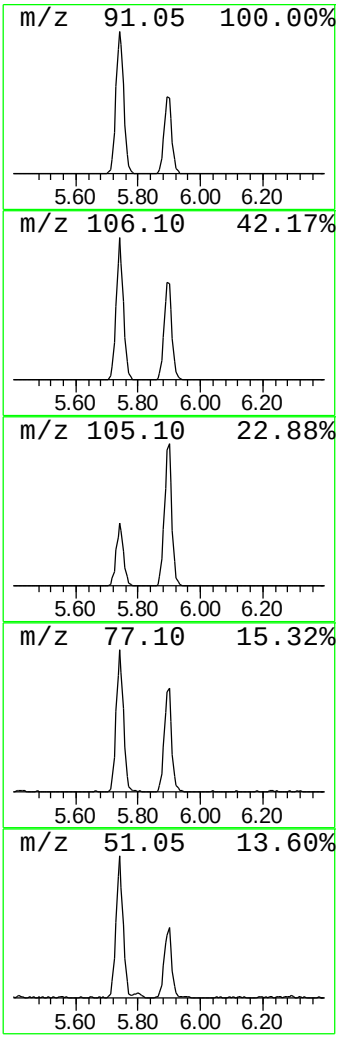
****

Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	87.70 ng	3370900	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	94
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

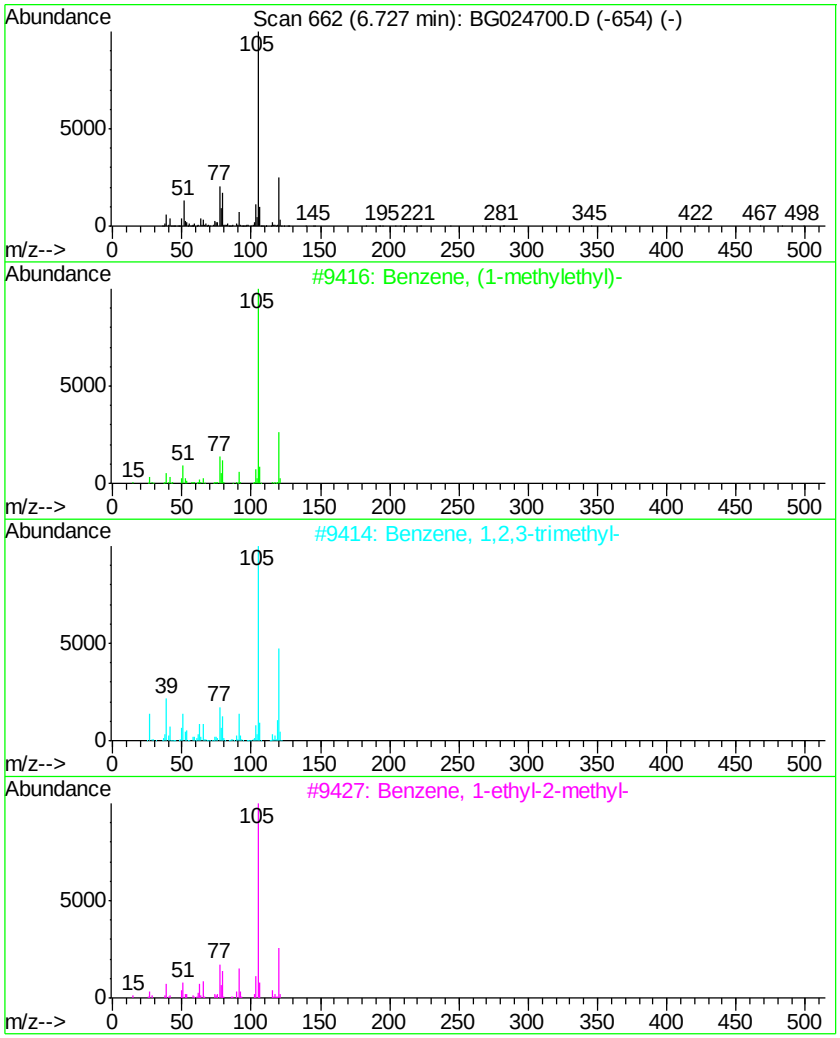
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

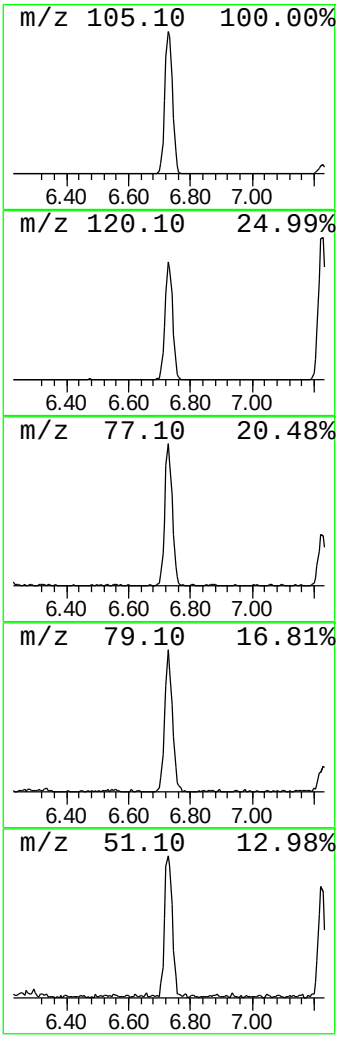
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	44.80 ng	1722030	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





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Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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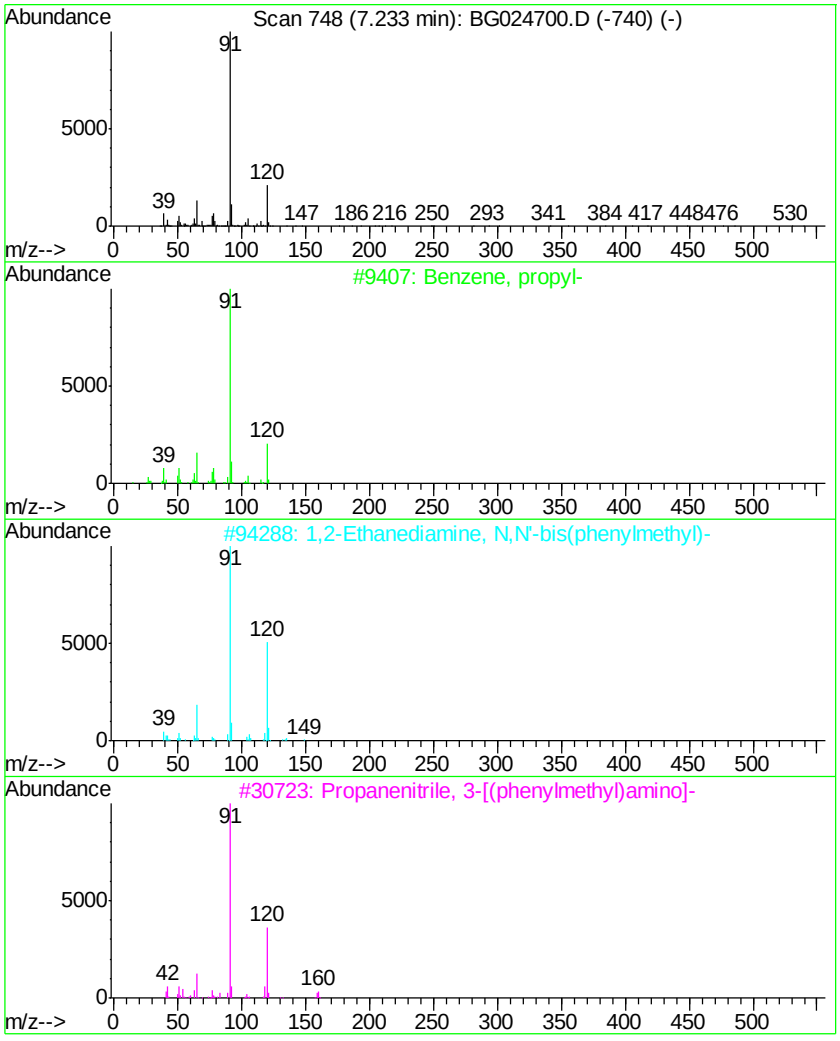
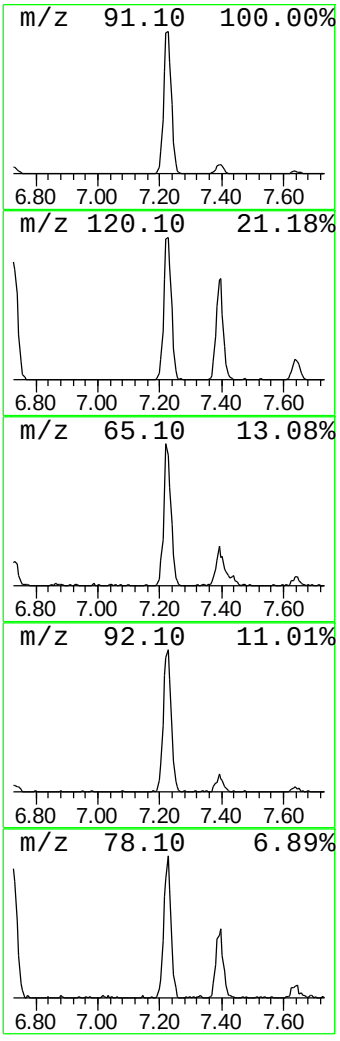
Peak Number 7 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	48.86 ng	1877780	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50





Library Search Compound Report

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ClientSampleId : S22-0019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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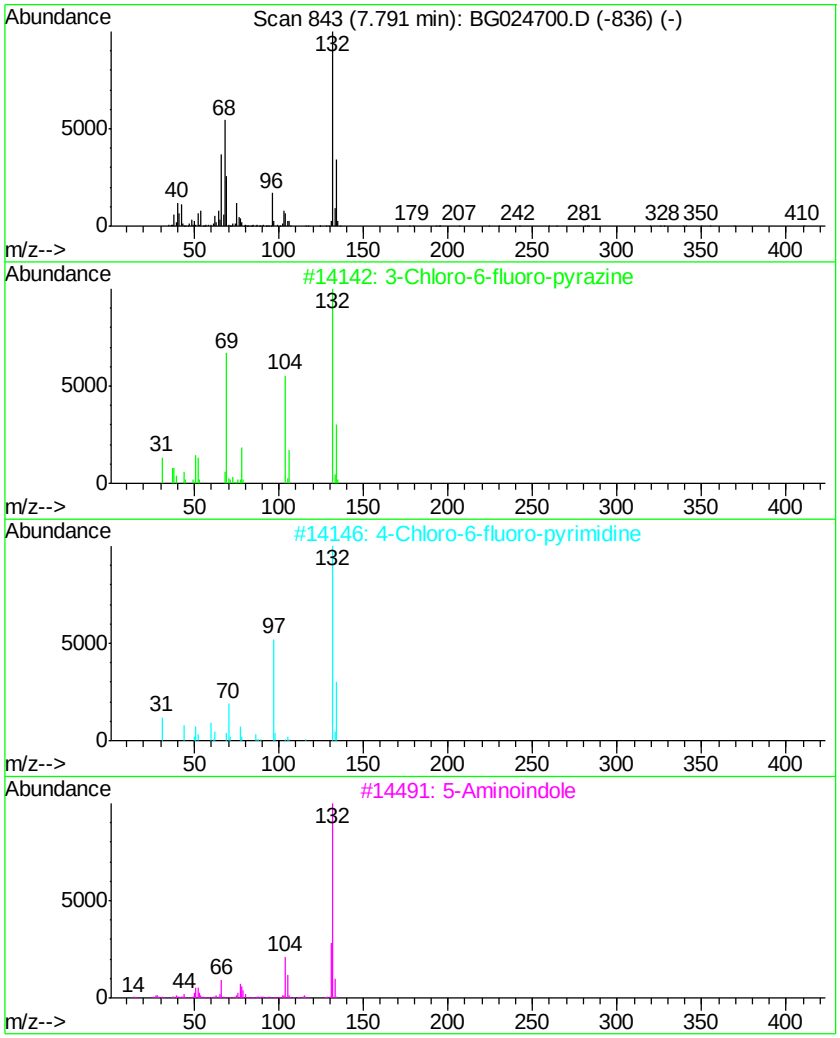
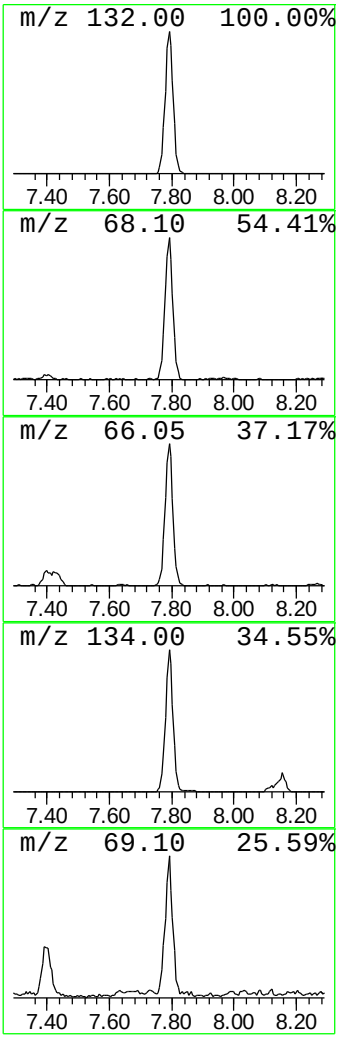
Peak Number 8 unknown7.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	48.83 ng	1876780	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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ClientSampleId : S22-0019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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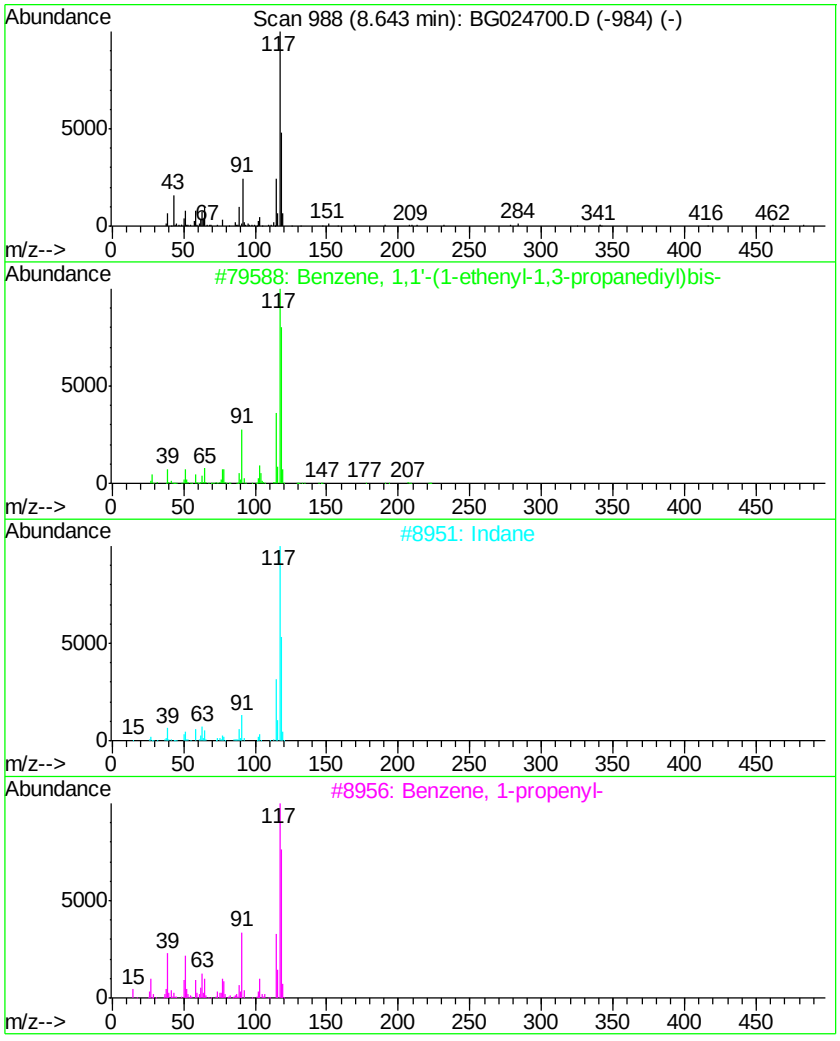
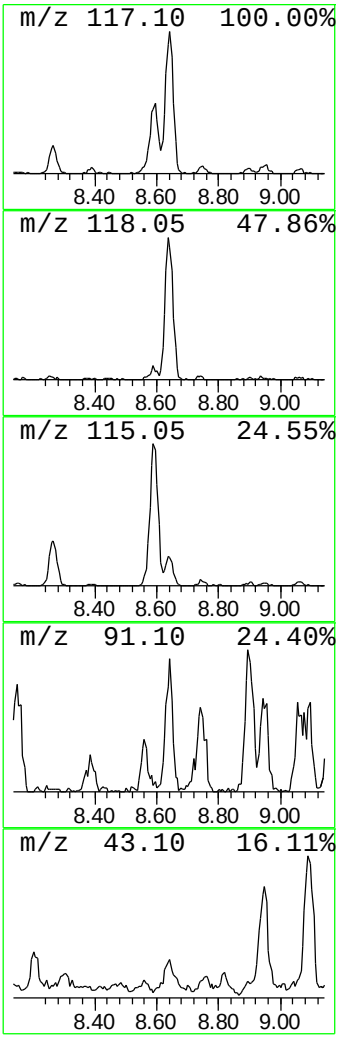
Peak Number 10 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	10.69 ng	410710	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	80
2	Indane	118	C9H10	000496-11-7	68
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	59
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	47





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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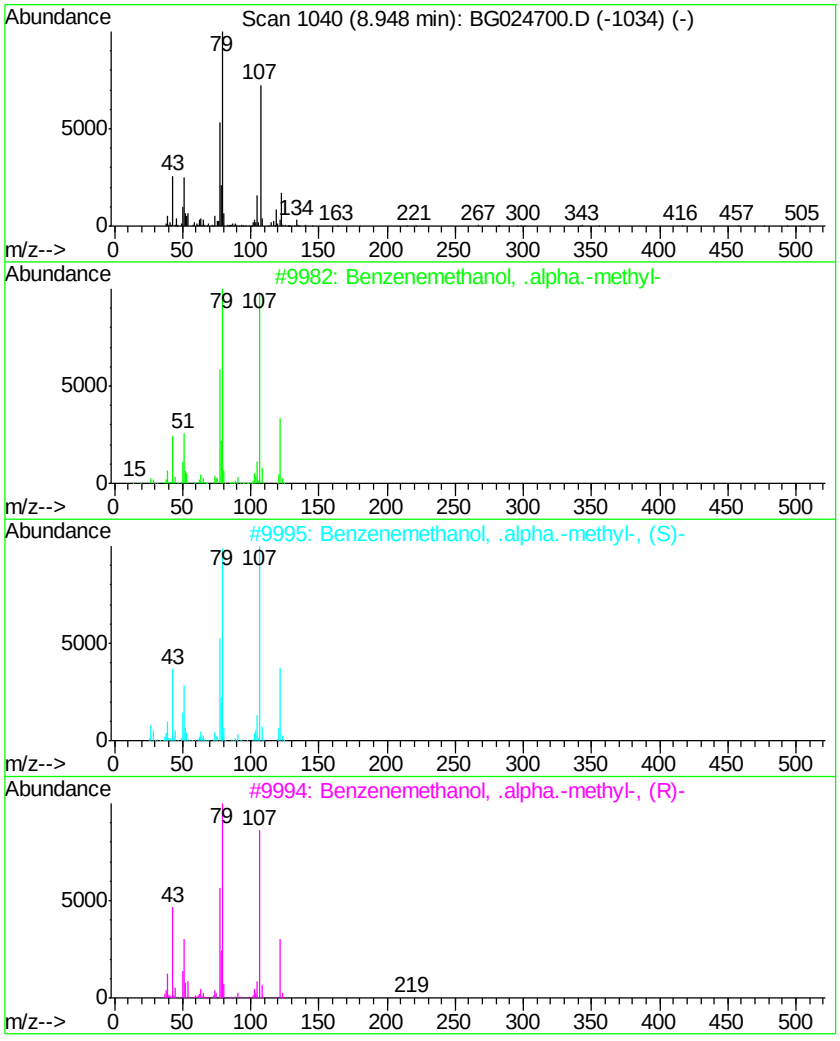
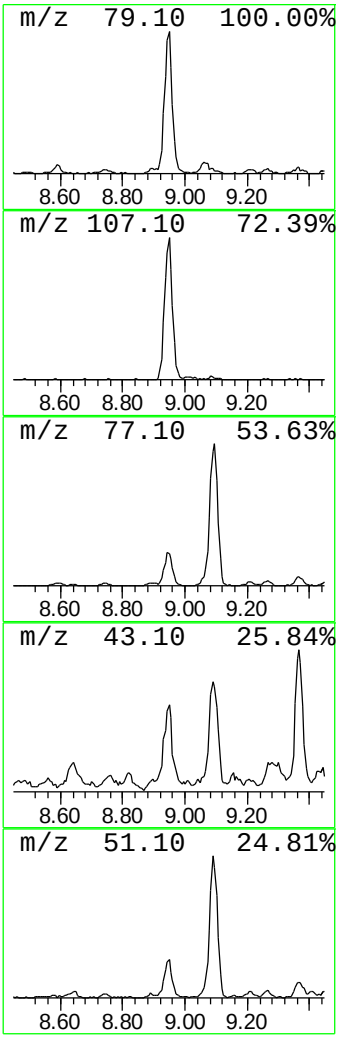
Peak Number 11 Benzenemethanol, .alpha.-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	33.29 ng	1279540	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	94
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	91
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	90
4	Propionic acid, 2,3-dihydroxy-3-...	182	C9H10O4	1000303-10-7	64
5	Benzeneacetic acid, .alpha.-hydr...	166	C9H10O3	020698-91-3	64





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

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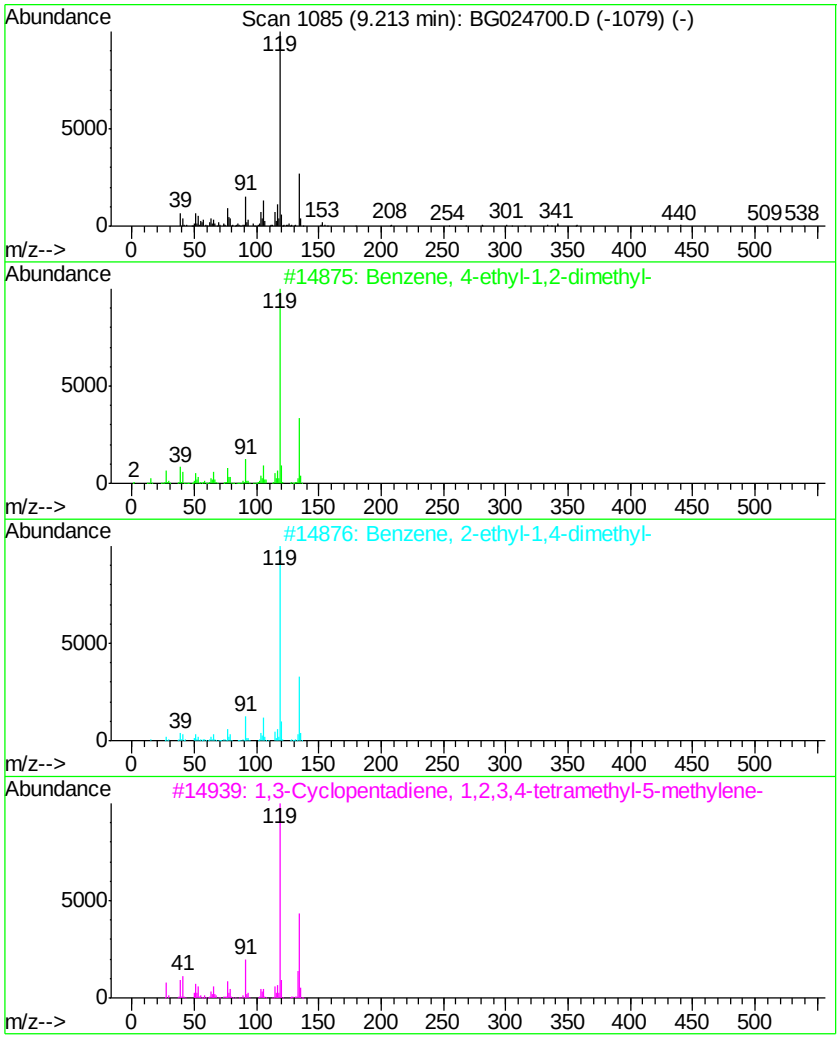
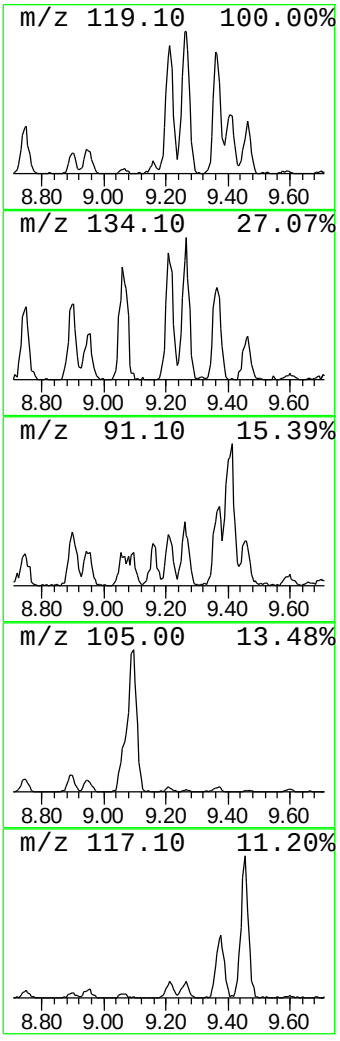
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	10.74 ng	412948	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
5	o-Cymene	134	C10H14	000527-84-4	83





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Instrument : BNA_G
ClientSampleId : S22-0019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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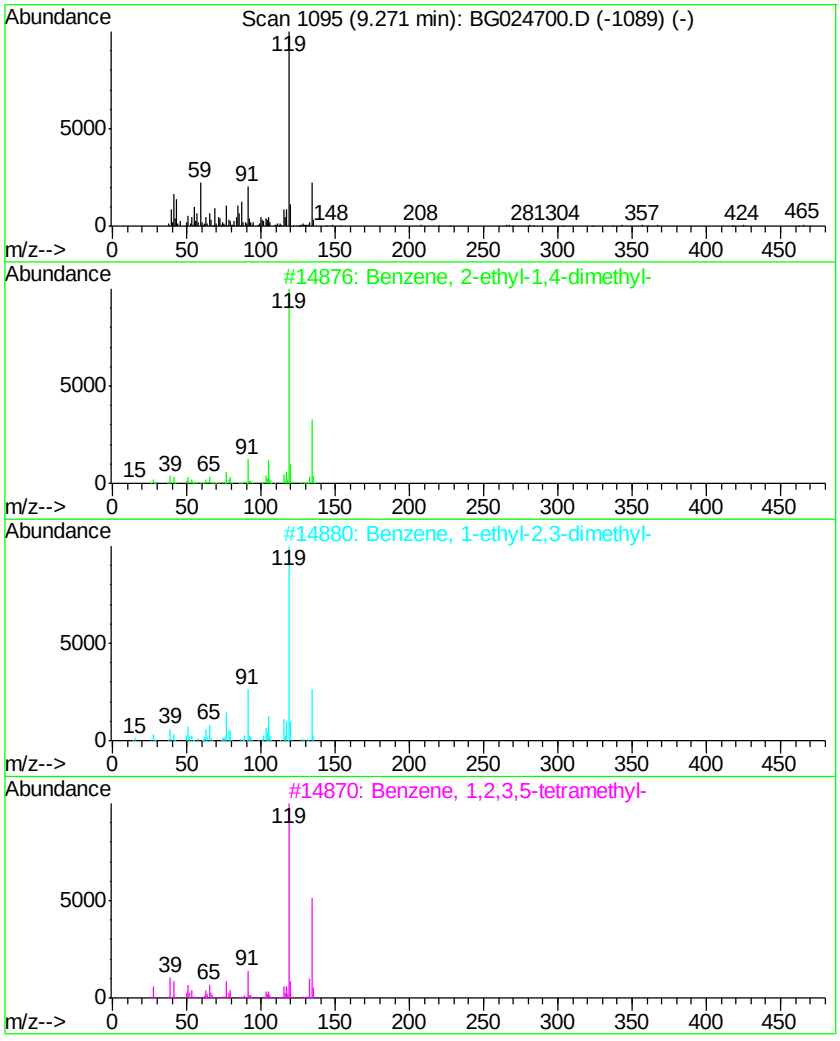
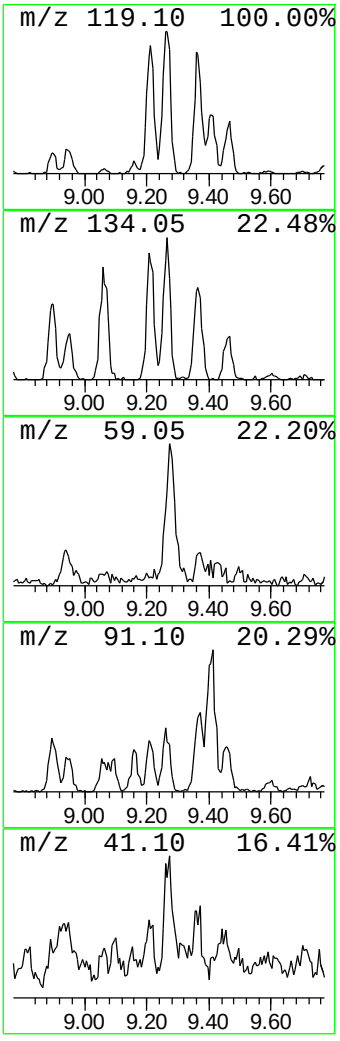
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	16.58 ng	637146	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Instrument : BNA_G
ClientSampleId : S22-0019

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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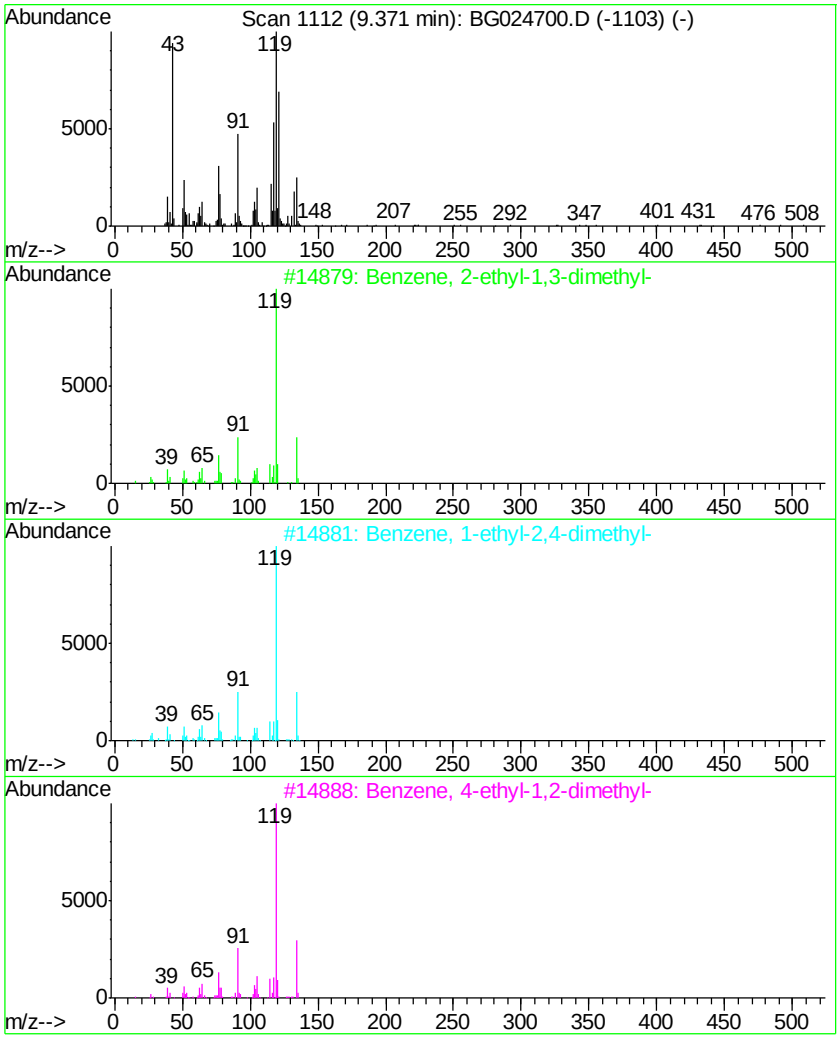
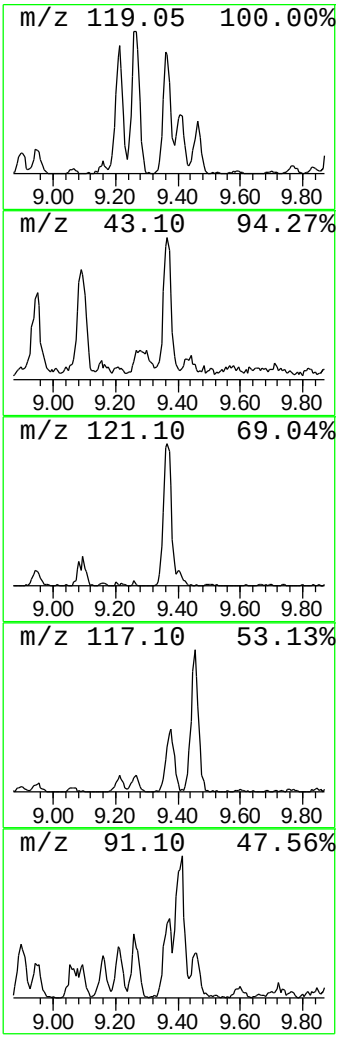
Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	23.85 ng	916879	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	74
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	74
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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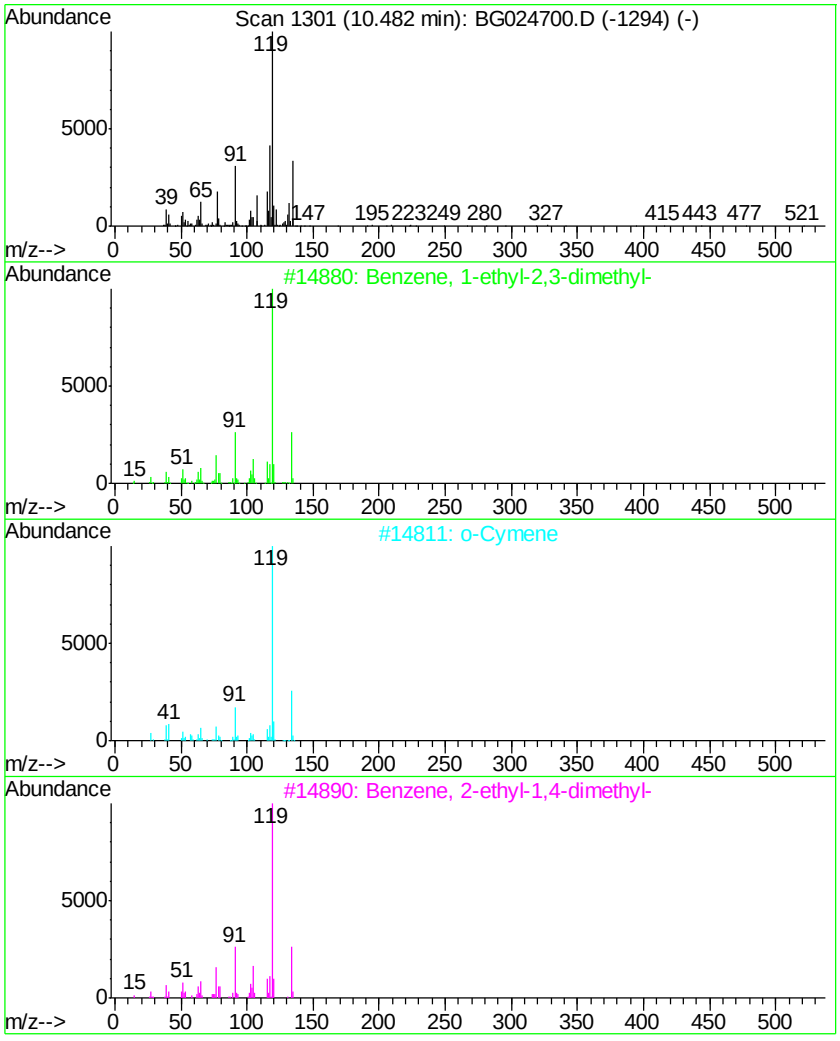
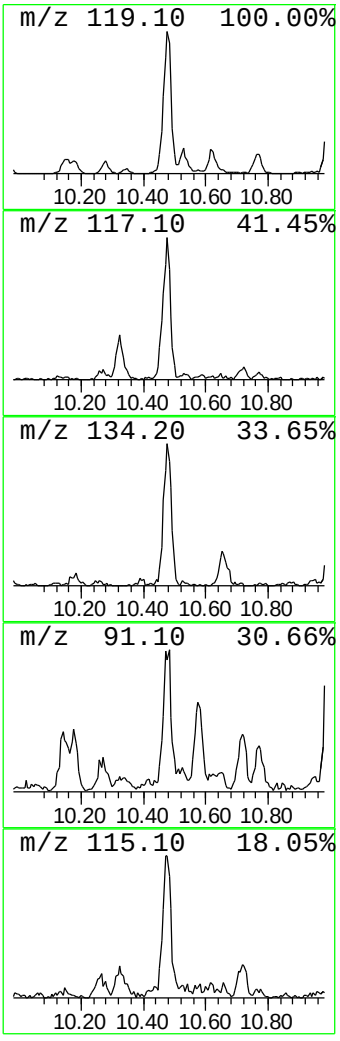
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	15.77 ng	895627	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	58
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53





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TIC Library : C:\DATABASE\NIST11.L
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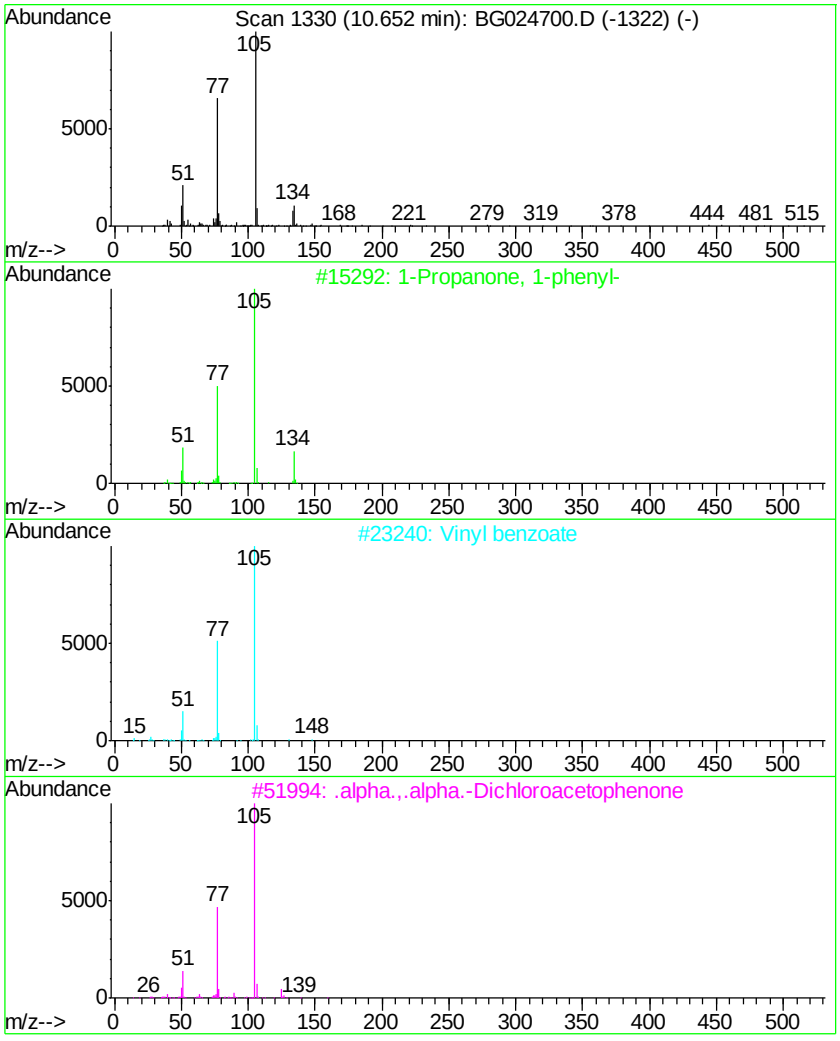
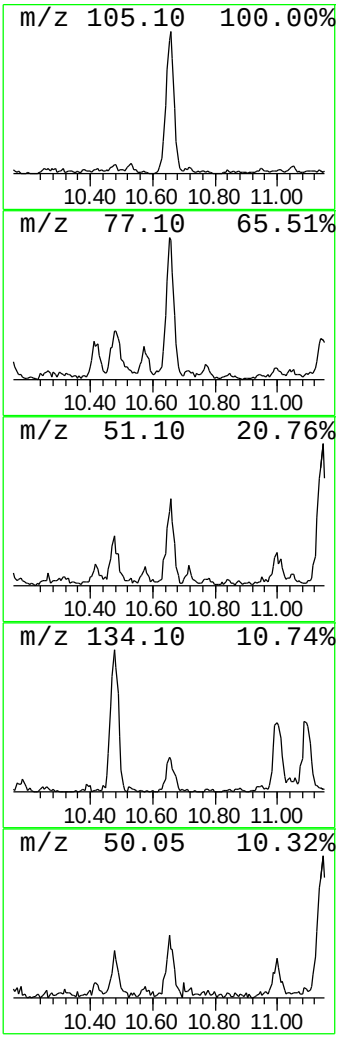
Peak Number 16 1-Propanone, 1-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	10.75 ng	610630	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	83
2	Vinyl benzoate	148	C9H8O2	000769-78-8	68
3	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	64
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	64
5	N-(1H-Tetrazol-5-yl)benzamide	189	C8H7N5O	004847-62-5	59





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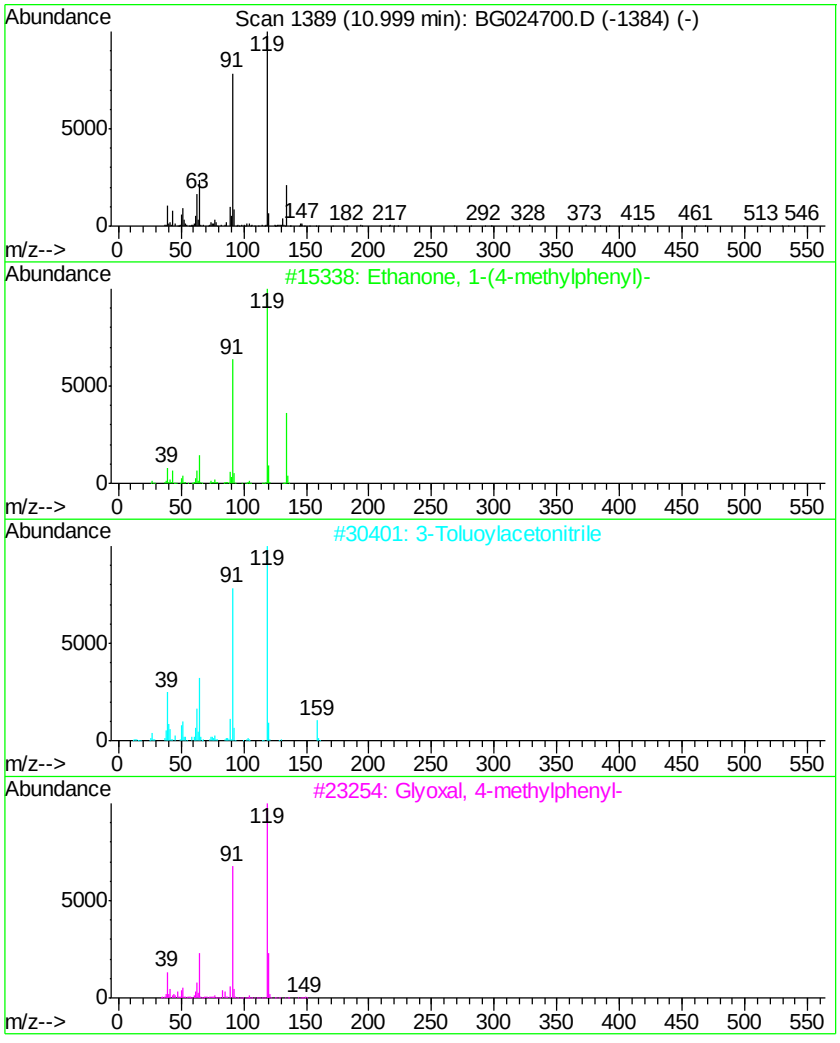
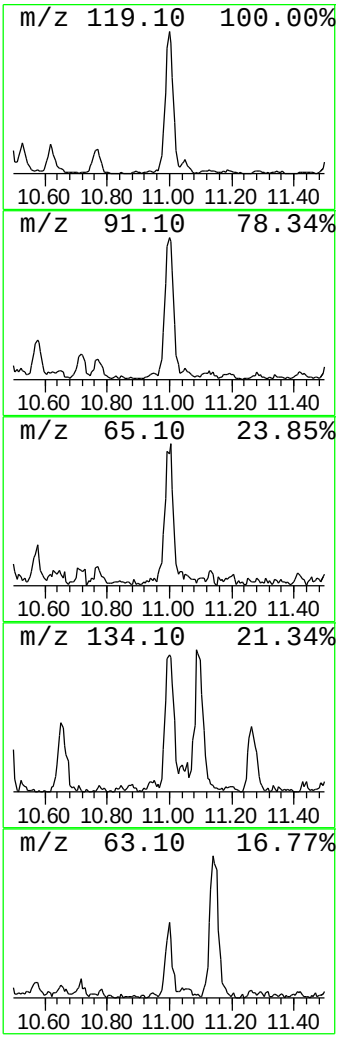
Peak Number 17 Ethanone, 1-(4-methylphenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	11.89 ng	675022	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	91
2	3-Toluoylacetonitrile	159	C10H9NO	053882-81-8	72
3	Glyoxal, 4-methylphenyl-	148	C9H8O2	001075-47-4	72
4	2-Toluic hydrazide	150	C8H10N2O	007658-80-2	64
5	4-(Trifluoroacetyl)toluene	188	C9H7F3O	1000342-44-2	64





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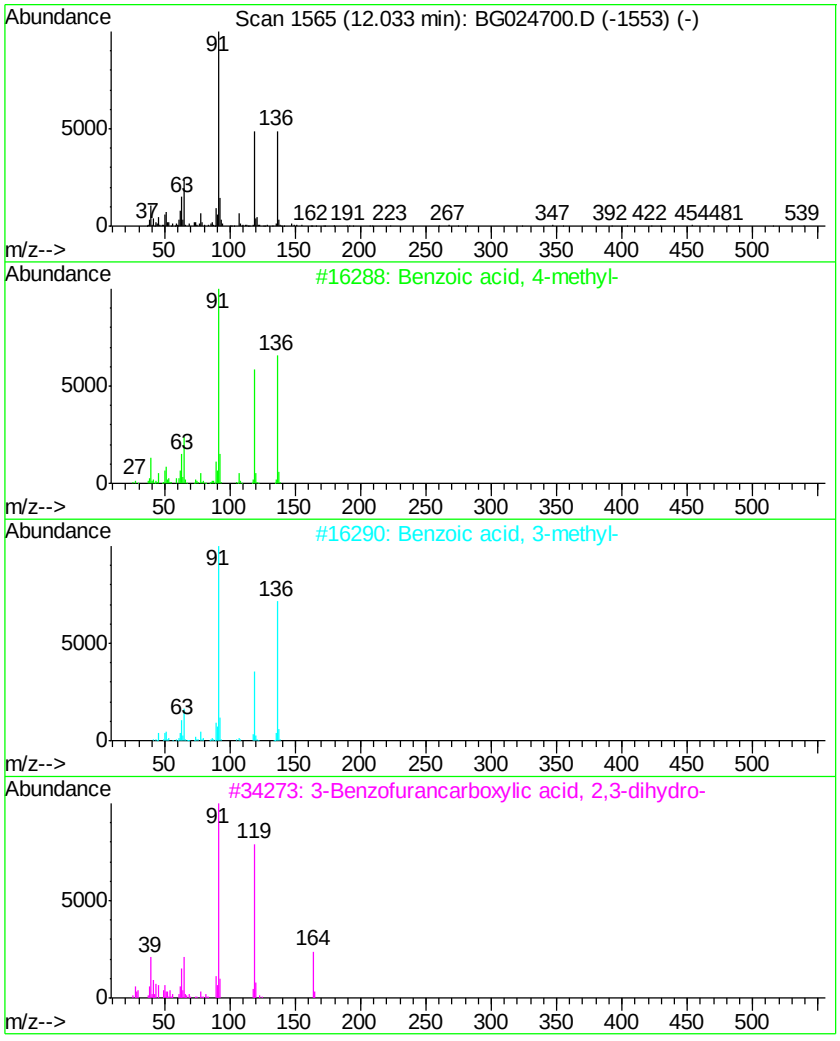
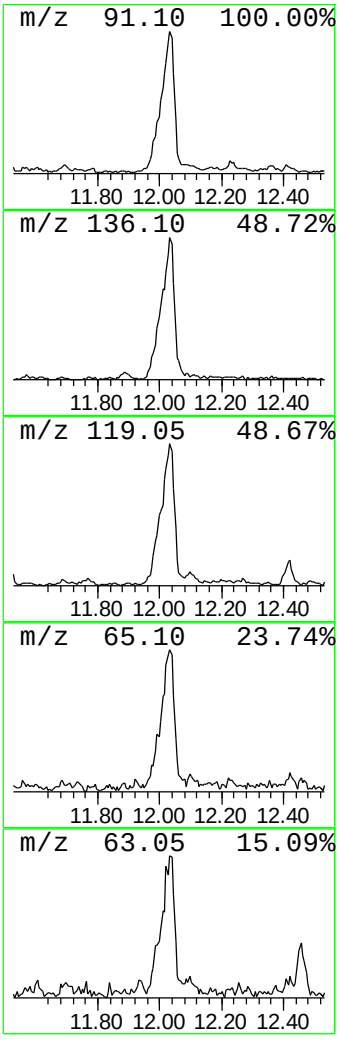
Peak Number 18 Benzoic acid, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	26.53 ng	1506450	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	95
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	72
3	3-Benzofurancarboxylic acid, 2,3...	164	C9H8O3	039891-55-9	50
4	Benzamide, 2-methyl-	135	C8H9NO	000527-85-5	49
5	m-Toluamide	135	C8H9NO	000618-47-3	47





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

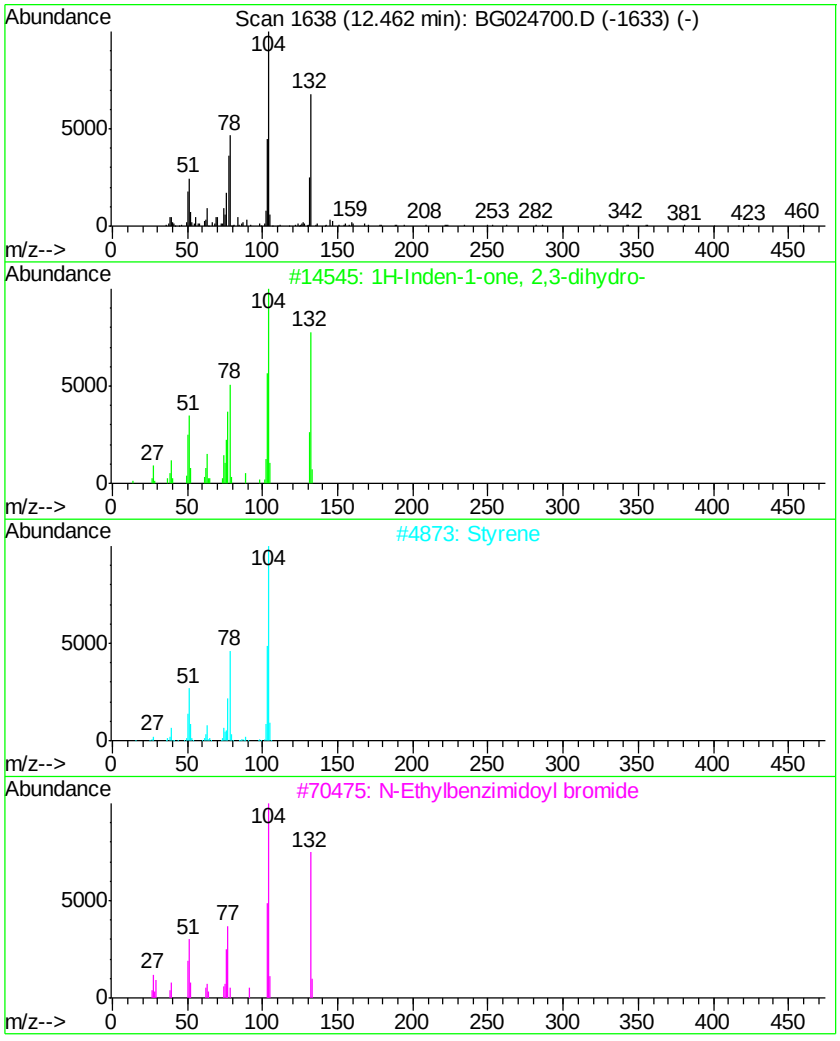
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

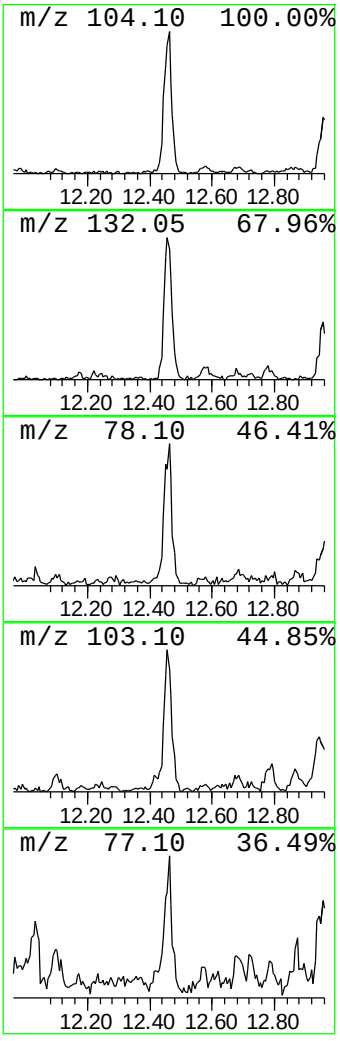
****

Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	9.27 ng	526630	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	91
2	Styrene	104	C8H8	000100-42-5	64
3	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	53
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

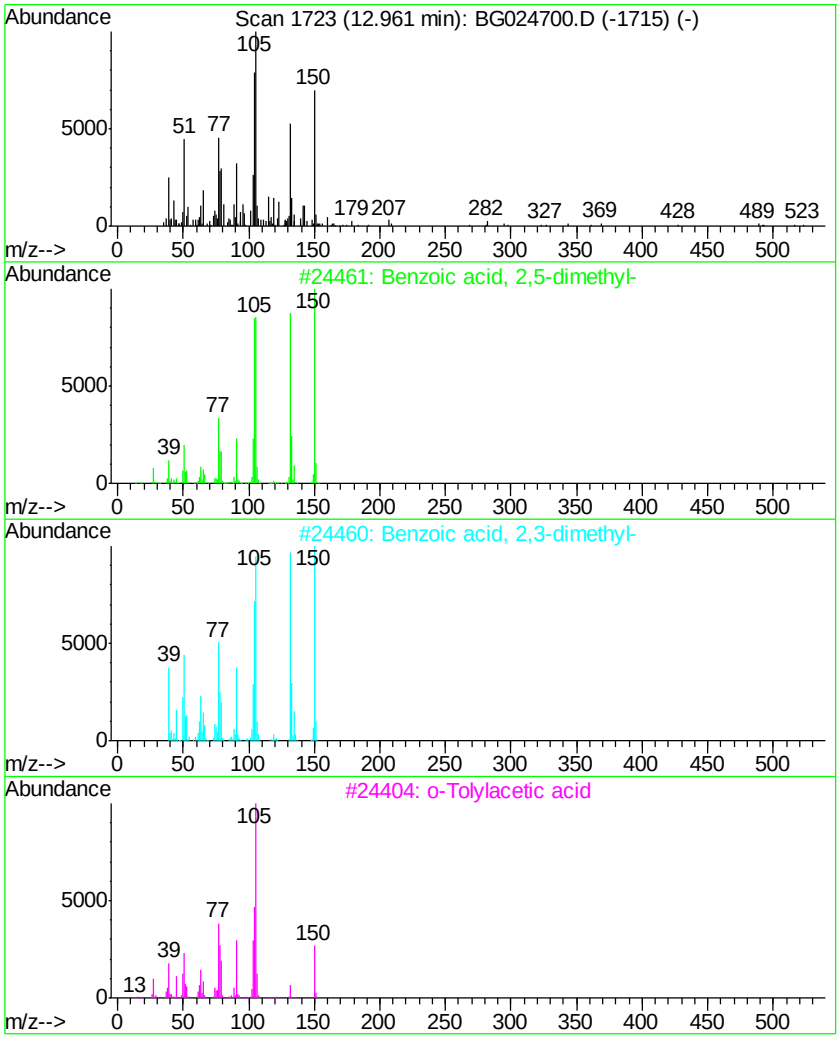
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

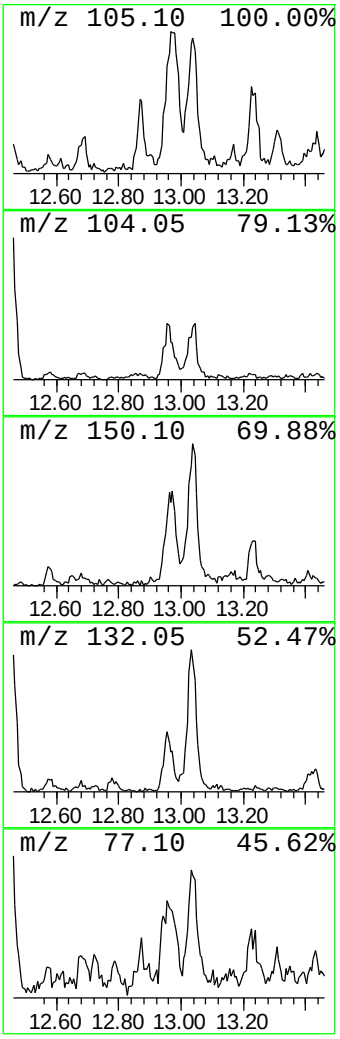
****

Peak Number 20 Benzoic acid, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	12.88 ng	731203	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	96
2	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	91
3	o-Tolylacetic acid	150	C9H10O2	000644-36-0	46
4	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	46
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024700.D
Acq On : 5 Nov 2016 6:56
Operator : UM/SJ
Sample : H5531-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0019

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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
Cyclohexane, methyl-	3.90	16.9	ng	649851	1	8.27	768715	20.0
2-Pentanone, 4-hy...	5.33	9.7	ng	371751	1	8.27	768715	20.0
Cyclohexane, 1,1,...	5.42	10.7	ng	412729	1	8.27	768715	20.0
Benzene, 1,3-dime...	5.90	87.7	ng	3370900	1	8.27	768715	20.0
Benzene, (1-methy...	6.73	44.8	ng	1722030	1	8.27	768715	20.0
Benzene, propyl-	7.23	48.9	ng	1877780	1	8.27	768715	20.0
unknown7.79	7.79	48.8	ng	1876780	1	8.27	768715	20.0
Benzene, 1,1'-(1-...	8.64	10.7	ng	410710	1	8.27	768715	20.0
Benzenemethanol, ...	8.95	33.3	ng	1279540	1	8.27	768715	20.0
Benzene, 4-ethyl-...	9.21	10.7	ng	412948	1	8.27	768715	20.0
Benzene, 2-ethyl-...	9.27	16.6	ng	637146	1	8.27	768715	20.0
Benzene, 2-ethyl-...	9.37	23.9	ng	916879	1	8.27	768715	20.0
Benzene, 1-ethyl-...	10.48	15.8	ng	895627	2	11.09	1135740	20.0
1-Propanone, 1-ph...	10.65	10.8	ng	610630	2	11.09	1135740	20.0
Ethanone, 1-(4-me...	11.00	11.9	ng	675022	2	11.09	1135740	20.0
Benzoic acid, 4-m...	12.03	26.5	ng	1506450	2	11.09	1135740	20.0
1H-Inden-1-one, 2...	12.46	9.3	ng	526630	2	11.09	1135740	20.0
Benzoic acid, 2,5...	12.96	12.9	ng	731203	2	11.09	1135740	20.0