LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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	3.901	169	181	191	rBV3	527890	1190865	6.19%	0.719%
2	4.136	215	221	226	rBV2	145050	266599	1.38%	0.161%
3	4.235	233	238	243	rBV2	144984	284172	1.48%	0.172%
4	4.382	256	263	268	rBV4	94333	215545	1.12%	0.130%
5	4.576	289	296	300	rBV2	188124	382372	1.99%	0.231%
6	4.617	300	303	309	rVV4	111596	206624	1.07%	0.125%
7	4.706	309	318	329	rVB6	200823	544360	2.83%	0.329%
8	4.864	340	345	354	rVB4	199085	361649	1.88%	0.218%
9	4.946	354	359	365	rBV2	110312	193320	1.00%	0.117%
10	5.328	419	424	427	rBV2	266885	427727	2.22%	0.258%
11	5.369	427	431	435	rVV3	322743	559435	2.91%	0.338%
12	5.416	435	439	447	rVB4	335031	642762	3.34%	0.388%
13	5.663	475	481	486	rBV3	119678	226328	1.18%	0.137%
14	5.745	486	495	500	rVV	10358646	19070438	99.06%	11.518%
15	5.798	500	504	512	rVB	1254844	2137982	11.11%	1.291%
16	5.898	513	521	536	rVB	10703562	19250508	100.00%	11.627%
17	6.127	548	560	565	rBV7	124941	314838	1.64%	0.190%
18	6.327	584	594	599	rBV2	308548	625571	3.25%	0.378%
19	6.503	619	624	629	rBV3	130960	241223	1.25%	0.146%
20	6.727	652	662	676	rVB	1712043	3354781	17.43%	2.026%
21	6.874	683	687	698	rVB8	90304	254843	1.32%	0.154%
22	7.067	714	720	727	rBV5	193467	430160	2.23%	0.260%
23	7.226	740	747	758	rVB	1605879	2778624	14.43%	1.678%
24	7.396	770	776	793	rVB2	2779338	5124123	26.62%	3.095%
25	7.637	803	817	829	rBV	1956316	3788863	19.68%	2.288%
26	7.790	836	843	852	rBV	1806886	3353041	17.42%	2.025%
27	7.902	854	862	872	rVB	5336078	9210825	47.85%	5.563%
28	8.154	901	905	909	rVV2	164753	284958	1.48%	0.172%
29	8.266	918	924	934	rVV	436572	836806	4.35%	0.505%
30	8.378	934	943	953	rVB2	3558590	6647382	34.53%	4.015%
31	8.542	958	971	972	rBV9	84193	213273	1.11%	0.129%
32	8.589	972	979	984	rVV	1429278	2713658	14.10%	1.639%
33	8.642	984	988	996	rVV	791912	1332141	6.92%	0.805%
34	8.742	1000	1005	1011	rBV	230006	378512	1.97%	0.229%

LSC Area Percent Report

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Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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	8.895	1026	1031	1035	rBV2	289461	515794	2.68%	0.312%
36	8.948	1035	1040	1048	rVB	1175254	2129687	11.06%	1.286%
37	9.095	1054	1065	1072	rBV	2049196	4066550	21.12%	2.456%
38	9.212	1078	1085	1090	rBV3	408534	715794	3.72%	0.432%
39	9.265	1090	1094	1102	rVB	203070	338387	1.76%	0.204%
40	9.365	1104	1111	1117	rBV3	945087	1720148	8.94%	1.039%
41	9.447	1117	1125	1135	rVB2	1495158	3263102	16.95%	1.971%
42	9.700	1163	1168	1178	rVB3	277598	553027	2.87%	0.334%
43	9.894	1195	1201	1206	rVB	253504	425435	2.21%	0.257%
44	9.952	1206	1211	1217	rVB	410216	664639	3.45%	0.401%
45	10.146	1237	1244	1247	rBV3	191638	344834	1.79%	0.208%
46	10.240	1254	1260	1263	rBV4	230166	484017	2.51%	0.292%
47	10.322	1270	1274	1277	rBV3	143384	255711	1.33%	0.154%
48	10.411	1279	1289	1295	rVV4	432918	1306676	6.79%	0.789%
49	10.475	1295	1300	1308	rVB3	819236	1523415	7.91%	0.920%
50	10.646	1314	1329	1336	rVB6	668601	2267891	11.78%	1.370%
51	10.716	1336	1341	1346	rVB	248821	414856	2.16%	0.251%
52	10.775	1346	1351	1359	rBV2	403522	717292	3.73%	0.433%
53	11.057	1393	1399	1401	rBV4	128559	239264	1.24%	0.145%
54	11.092	1401	1405	1408	rVV	433015	742974	3.86%	0.449%
55	11.145	1408	1414	1421	rVB	2729200	5035512	26.16%	3.041%
56	11.380	1441	1454	1462	rBV3	404973	1263897	6.57%	0.763%
57	11.768	1514	1520	1528	rVB10	185074	386883	2.01%	0.234%
58	11.926	1533	1547	1553	rBV2	558639	1892967	9.83%	1.143%
59	12.044	1561	1567	1574	rBV	321585	617011	3.21%	0.373%
60	12.138	1578	1583	1586	rBV6	121583	193045	1.00%	0.117%
61	12.461	1632	1638	1646	rVB	590548	1067820	5.55%	0.645%
62	12.602	1650	1662	1672	rBV9	390375	1066529	5.54%	0.644%
63	12.726	1674	1683	1690	rVV	1276211	2277494	11.83%	1.376%
64	12.796	1690	1695	1702	rVB7	134669	237402	1.23%	0.143%
65	12.943	1712	1720	1730	rBV	943652	1843029	9.57%	1.113%
66	13.078	1732	1743	1753	rVB2	1084478	3187146	16.56%	1.925%
67	13.190	1755	1762	1767	rBV4	223461	513710	2.67%	0.310%
68	13.237	1767	1770	1778	rVB4	152575	284130	1.48%	0.172%
69	13.313	1778	1783	1792	rBV5	269054	626904	3.26%	0.379%
70	13.507	1805	1816	1822	rVB	3454238	5936988	30.84%	3.586%
71	13.572	1822	1827	1832	rBV4	172919	293275	1.52%	0.177%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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	13.660	1833	1842	1847	rBV2	484878	1126425	5.85%	0.680%
73	14.059	1898	1910	1913	rBV8	220727	687597	3.57%	0.415%
74	14.095	1913	1916	1919	rVV5	150462	214013	1.11%	0.129%
75	14.136	1919	1923	1928	rVB3	149719	250116	1.30%	0.151%
76	14.194	1928	1933	1938	rVB5	309606	568461	2.95%	0.343%
77	14.253	1938	1943	1946	rBV3	169961	272756	1.42%	0.165%
78	14.318	1952	1954	1959	rVB	228810	278670	1.45%	0.168%
79	14.418	1967	1971	1977	rVV7	99563	220179	1.14%	0.133%
80	14.476	1978	1981	1988	rVB5	160079	326169	1.69%	0.197%
81	14.664	2008	2013	2020	rVB7	183875	380852	1.98%	0.230%
82	14.776	2027	2032	2035	rBV2	251852	382505	1.99%	0.231%
83	14.847	2039	2044	2045	rVV5	161399	263220	1.37%	0.159%
84	14.882	2045	2050	2056	rVB	845873	1377377	7.16%	0.832%
85	16.368	2295	2303	2311	rBV	3430141	5476081	28.45%	3.307%
86	17.626	2511	2517	2526	rVB	1127937	1789559	9.30%	1.081%
87	18.466	2656	2660	2669	rBV2	317171	477918	2.48%	0.289%
88	19.723	2870	2874	2884	rBV9	122710	206009	1.07%	0.124%
89	20.205	2950	2956	2962	rBV	6370124	8702146	45.20%	5.256%
90	21.498	3172	3176	3185	rVB4	170128	294656	1.53%	0.178%
91	21.921	3240	3248	3255	rVB	1450029	2481765	12.89%	1.499%
92	25.352	3817	3832	3842	rBV3	794887	2537601	13.18%	1.533%

Sum of corrected areas: 165571618

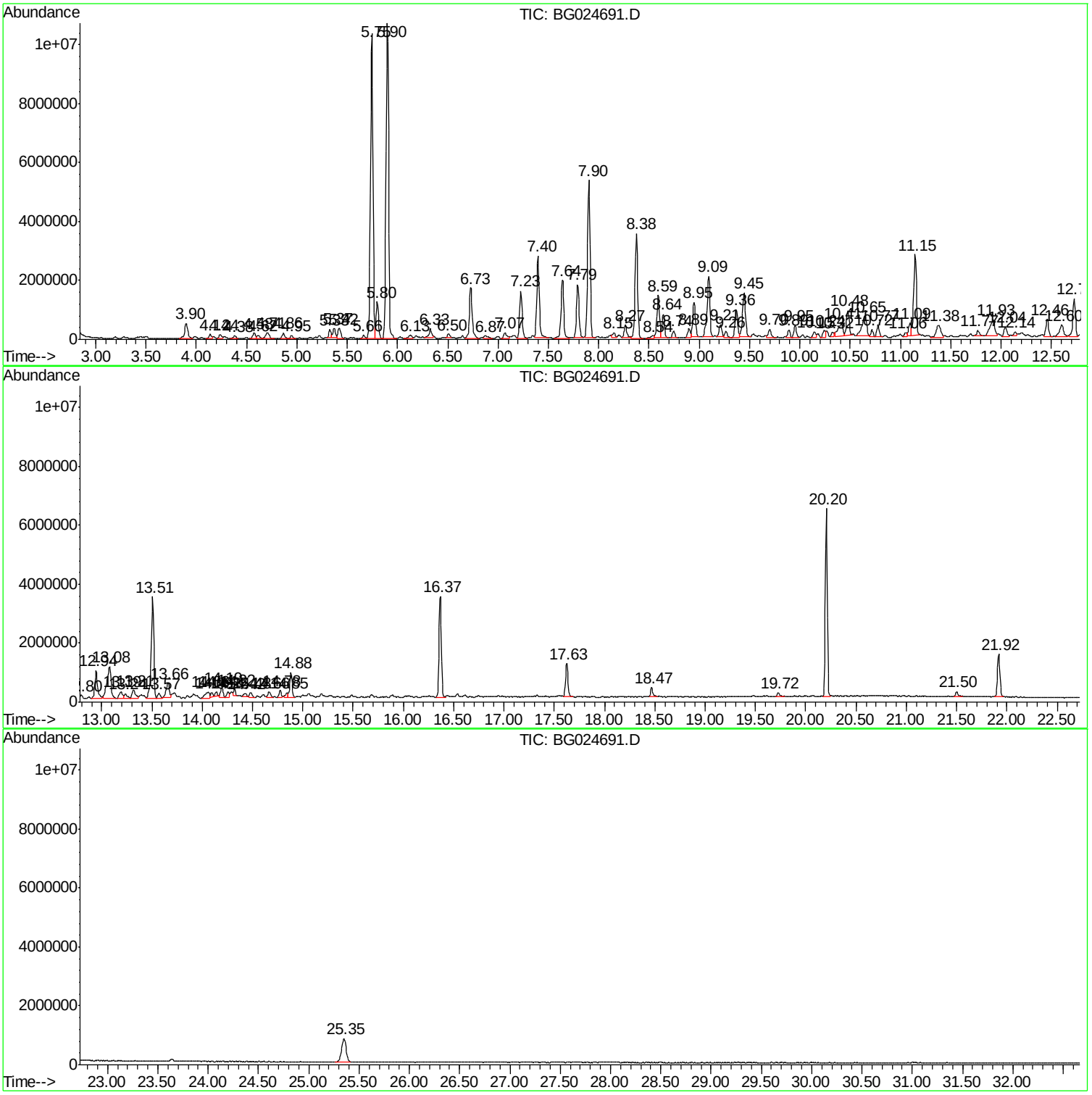
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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 : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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

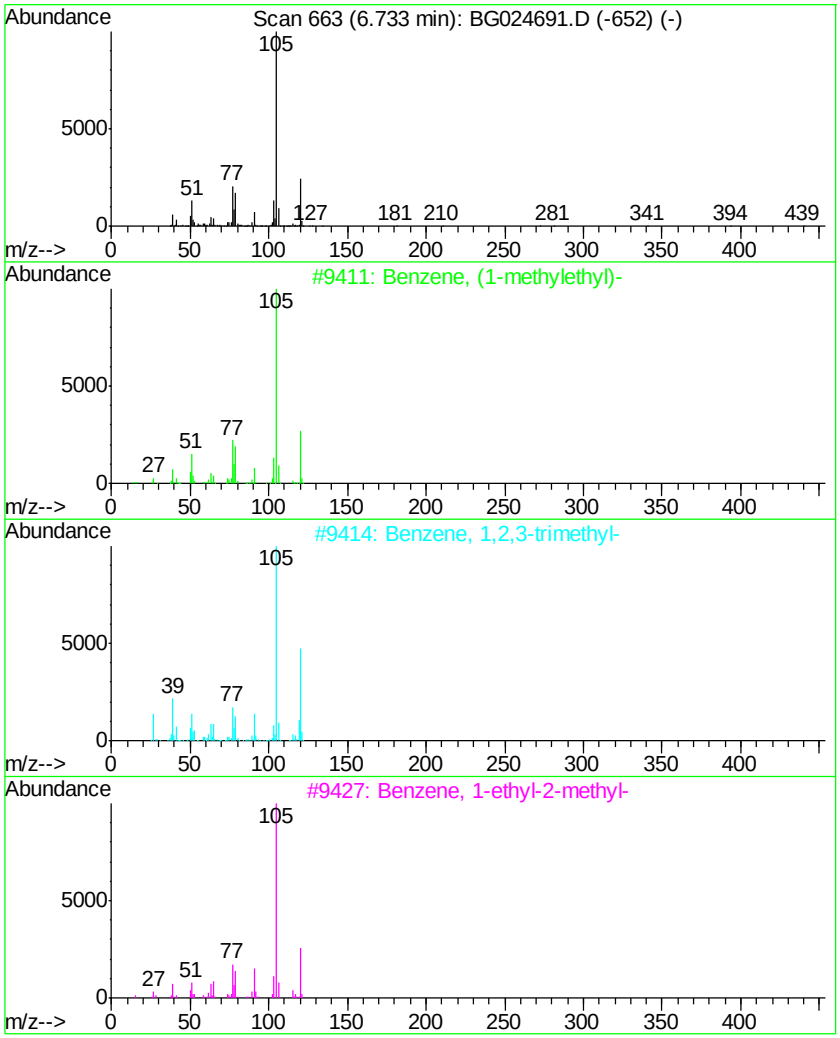
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

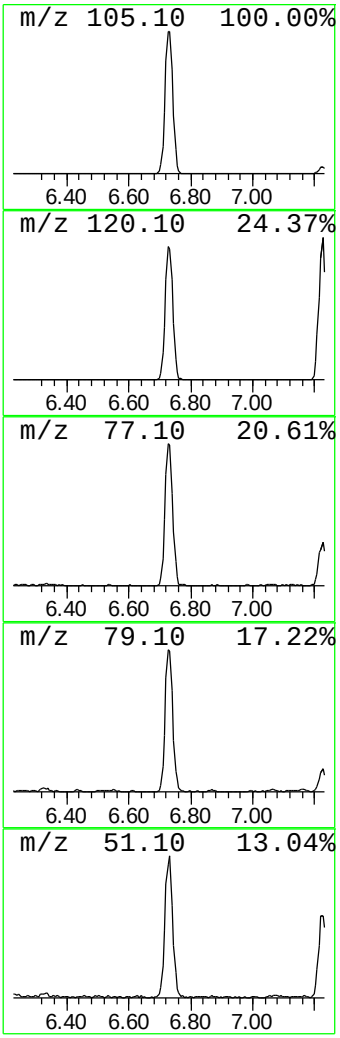
****

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	80.18 ng	3354780	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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

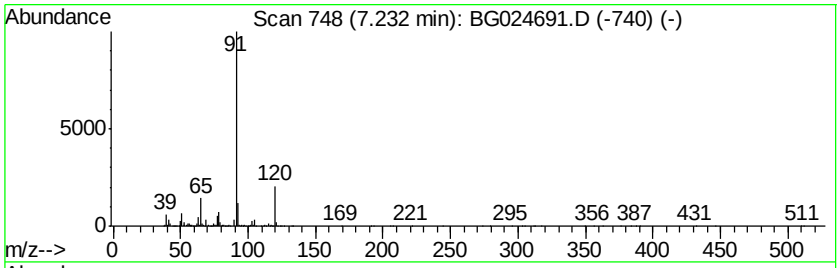
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

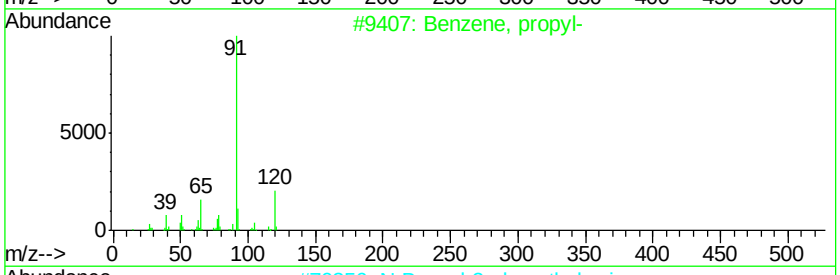
****

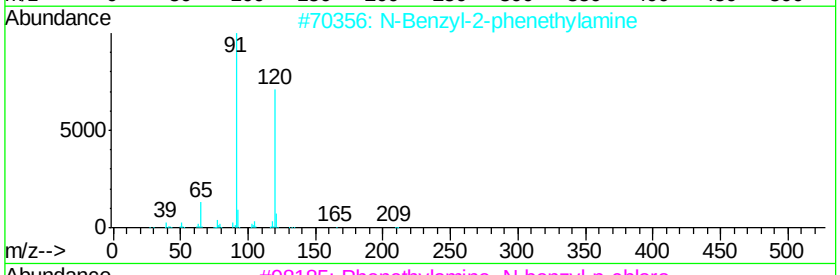
Peak Number 4 Benzene, propyl- Concentration Rank 8

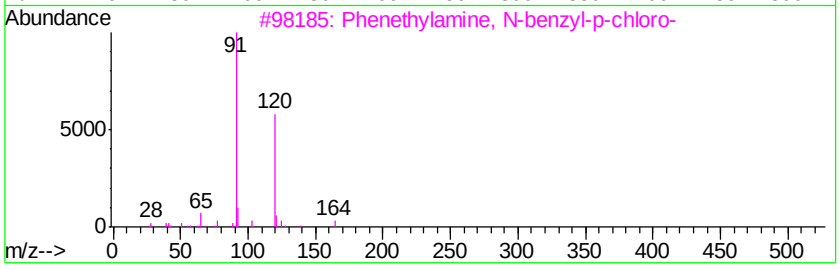
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	66.41 ng	2778620	1,4-Dichlorobenzene-d4	8.27

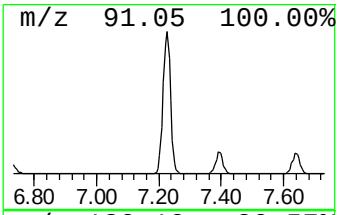
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	95
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58

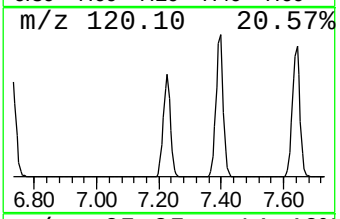


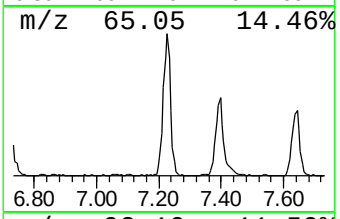


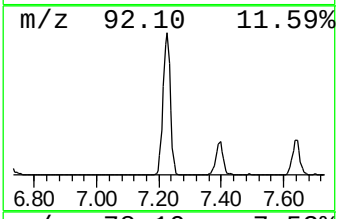


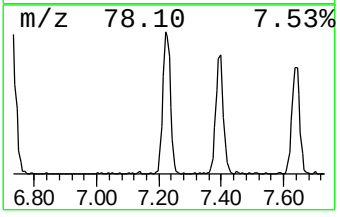












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Sample : H5531-03
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

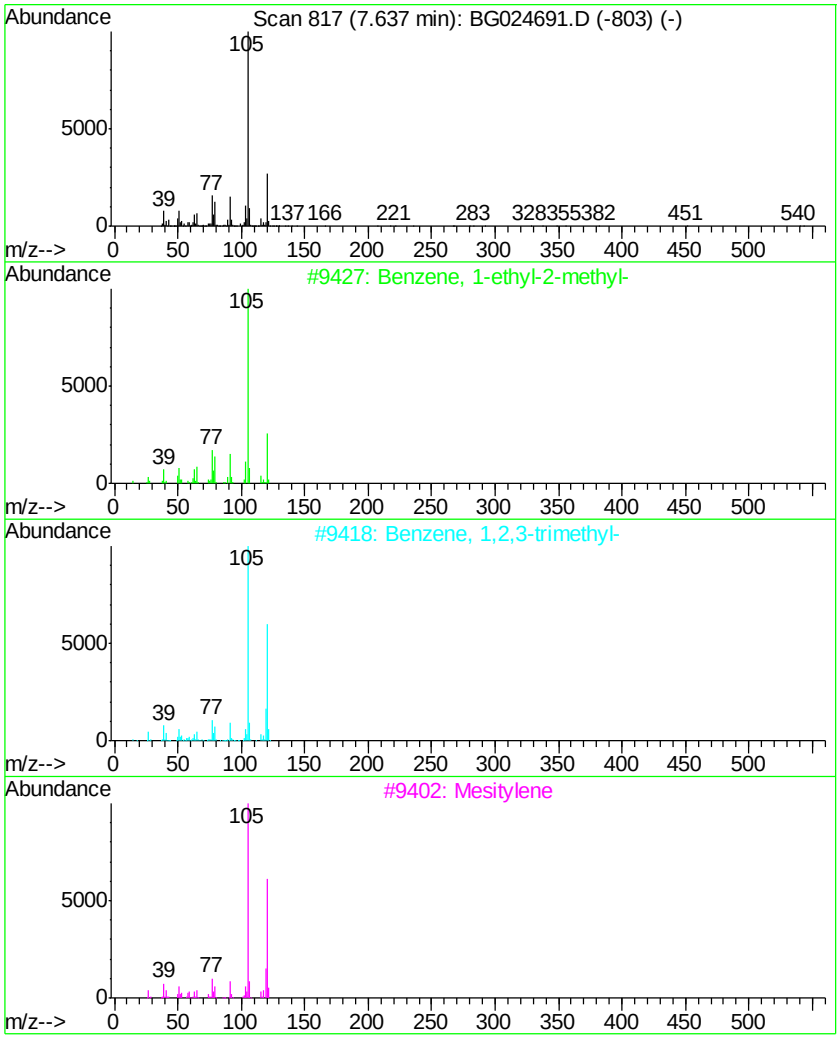
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

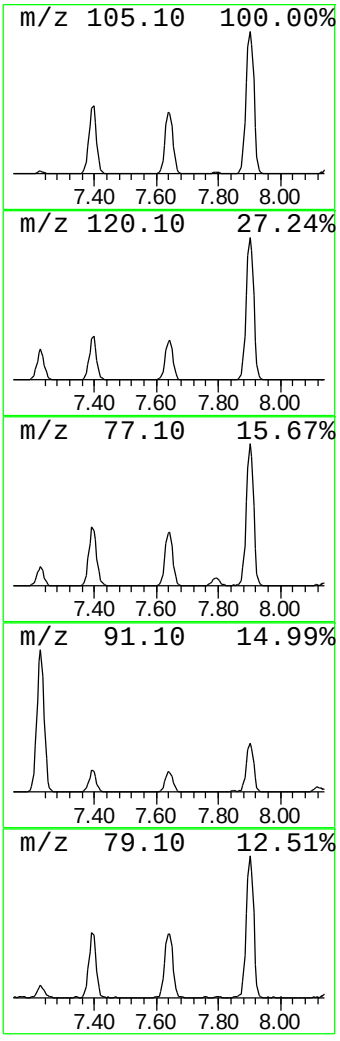
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	90.56 ng	3788860	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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

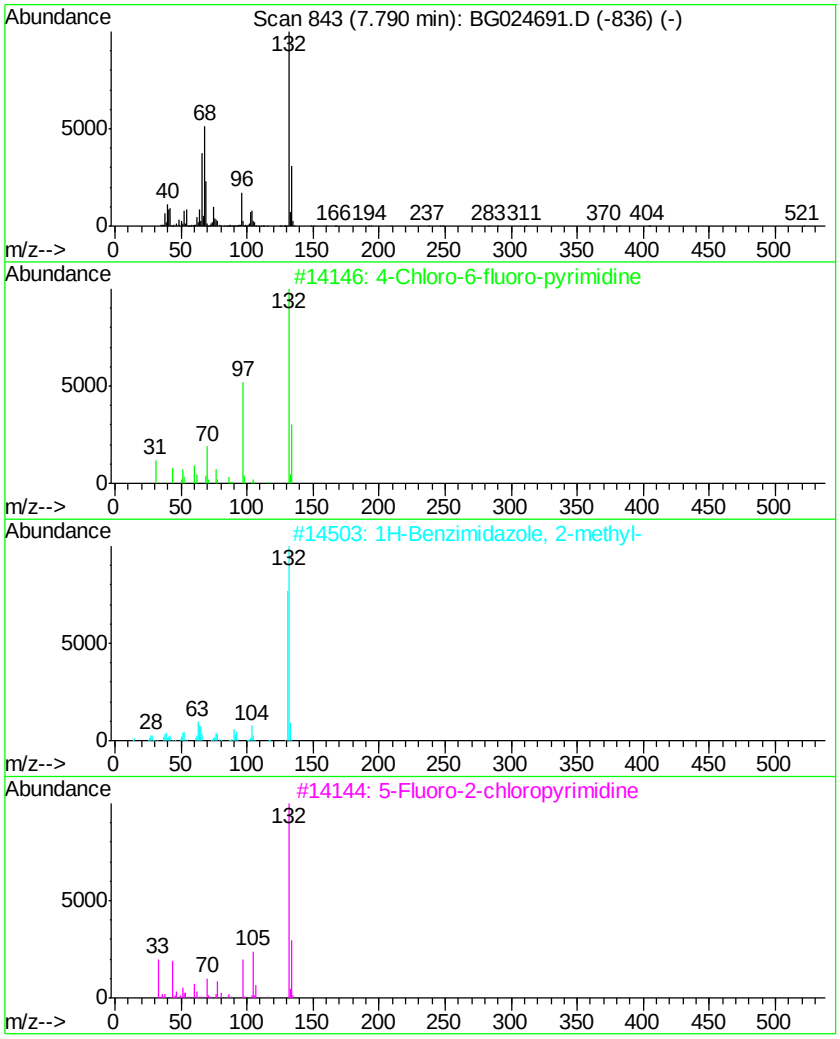
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

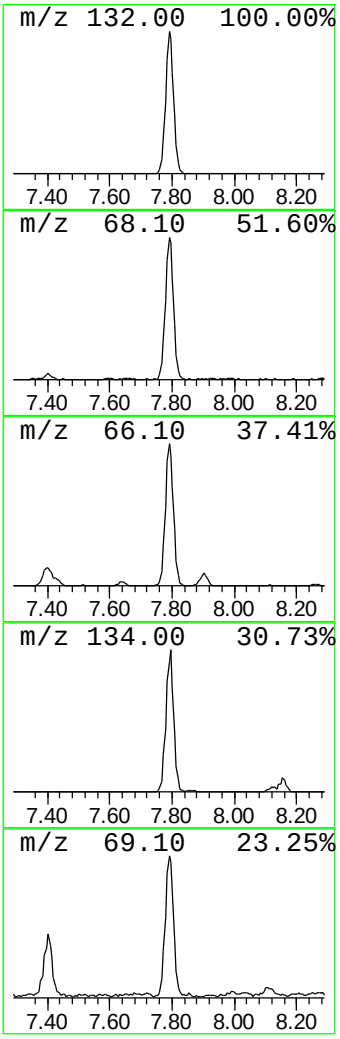
****

Peak Number 6 unknown7.79 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	80.14 ng	3353040	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Acetic acid, 2-benzimidazol-2-yl-	176	C9H8N2O2	013570-08-6	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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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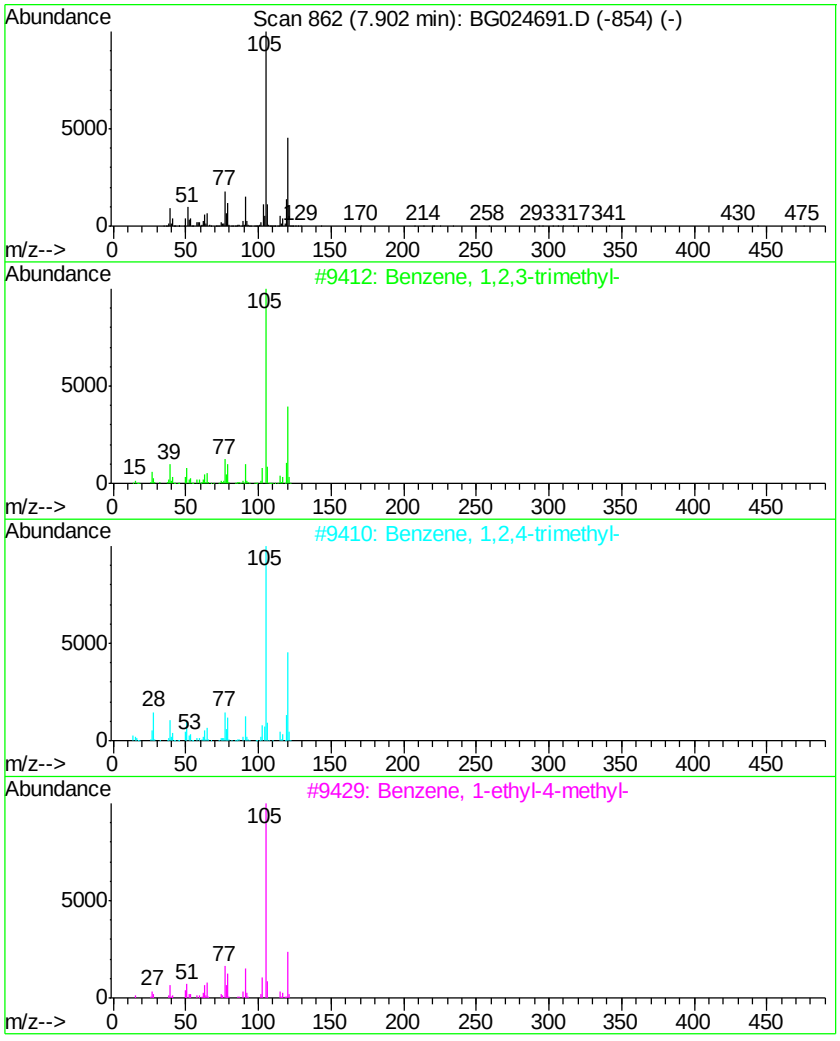
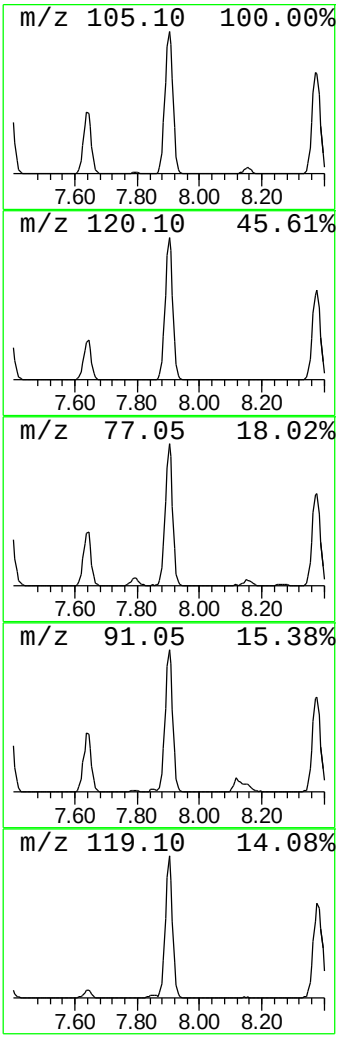
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	220.14 ng	9210830	1,4-Dichlorobenzene-d4	8.27

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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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
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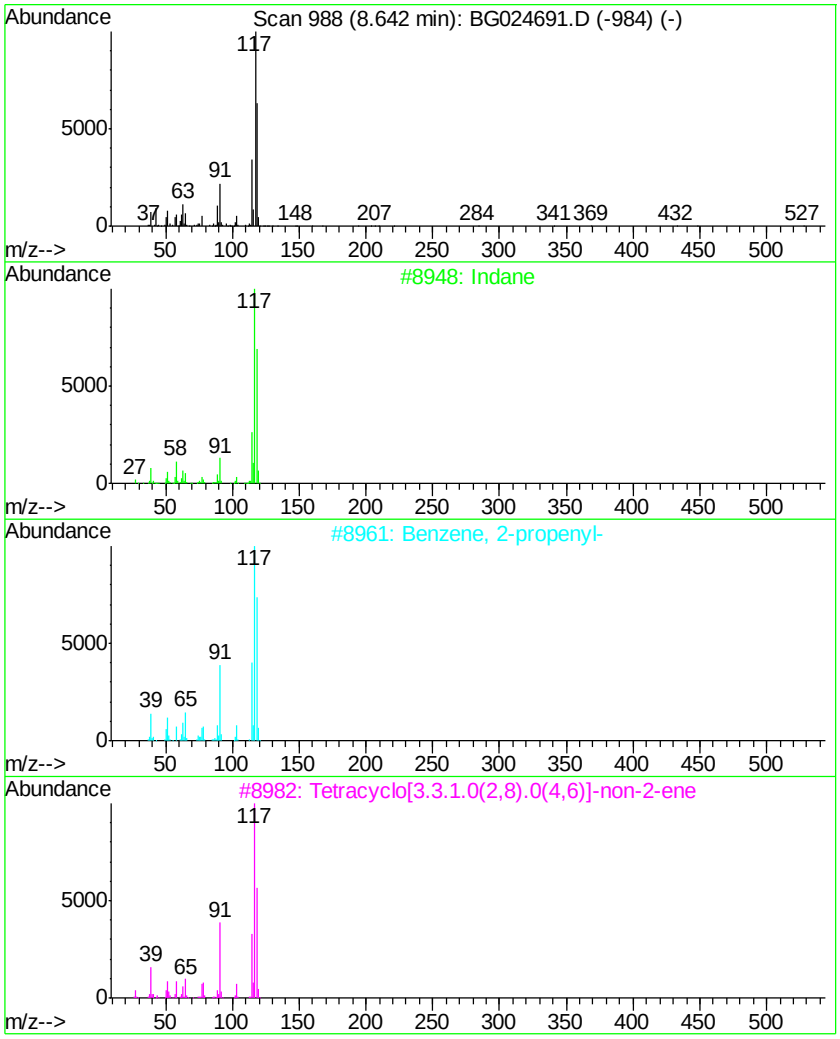
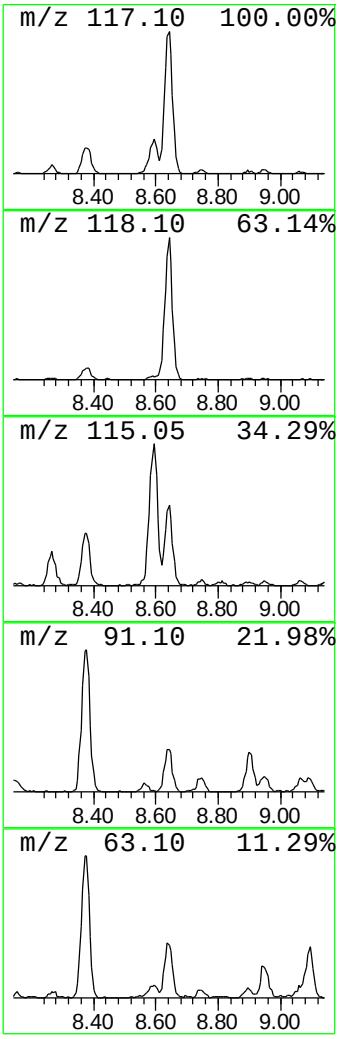
Peak Number 10 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	31.84 ng	1332140	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68





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Instrument : BNA_G
ClientSampleId : S22-0014

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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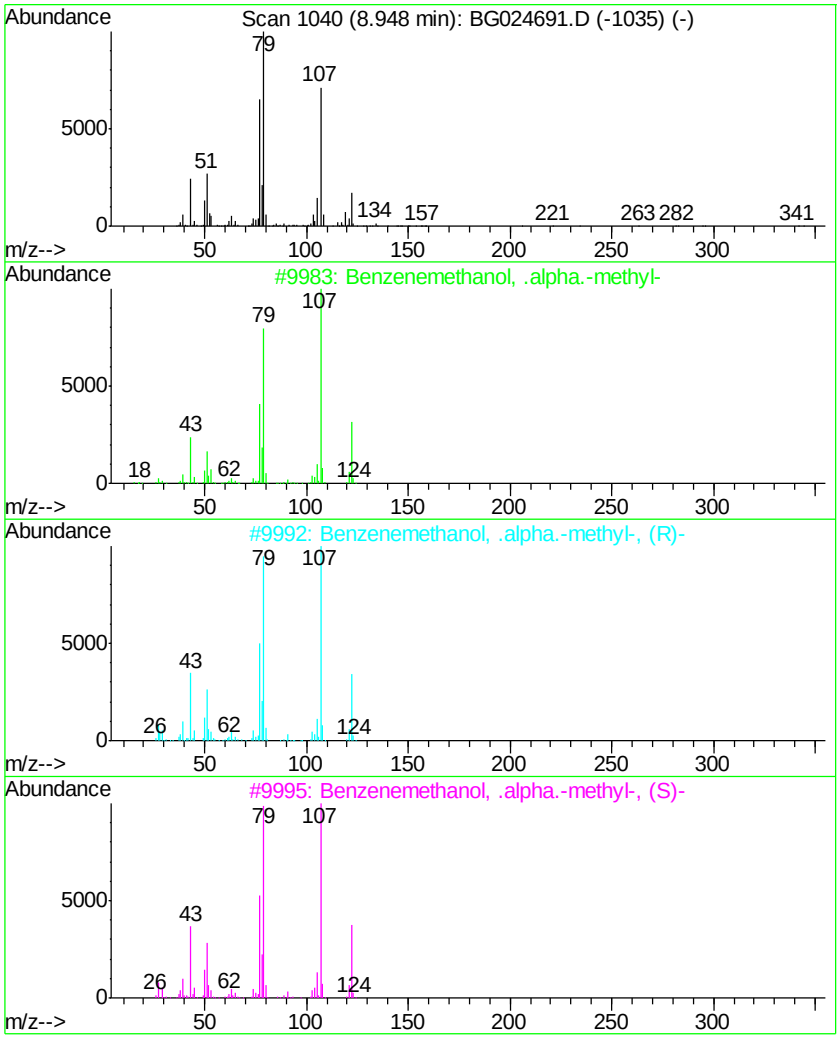
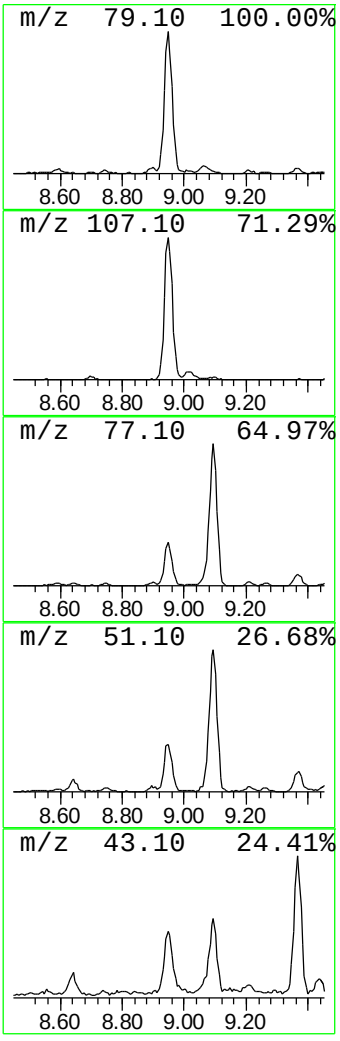
Peak Number 11 Benzenemethanol, .alpha.-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	50.90 ng	2129690	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	96
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	94
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	91
4	S-(-)-1-Phenylpropanol	136	C9H12O	000613-87-6	72
5	1,2-Ethanediol, 1,2-diphenyl-, (...	214	C14H14O2	000655-48-1	72





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Instrument : BNA_G
ClientSampleId : S22-0014

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

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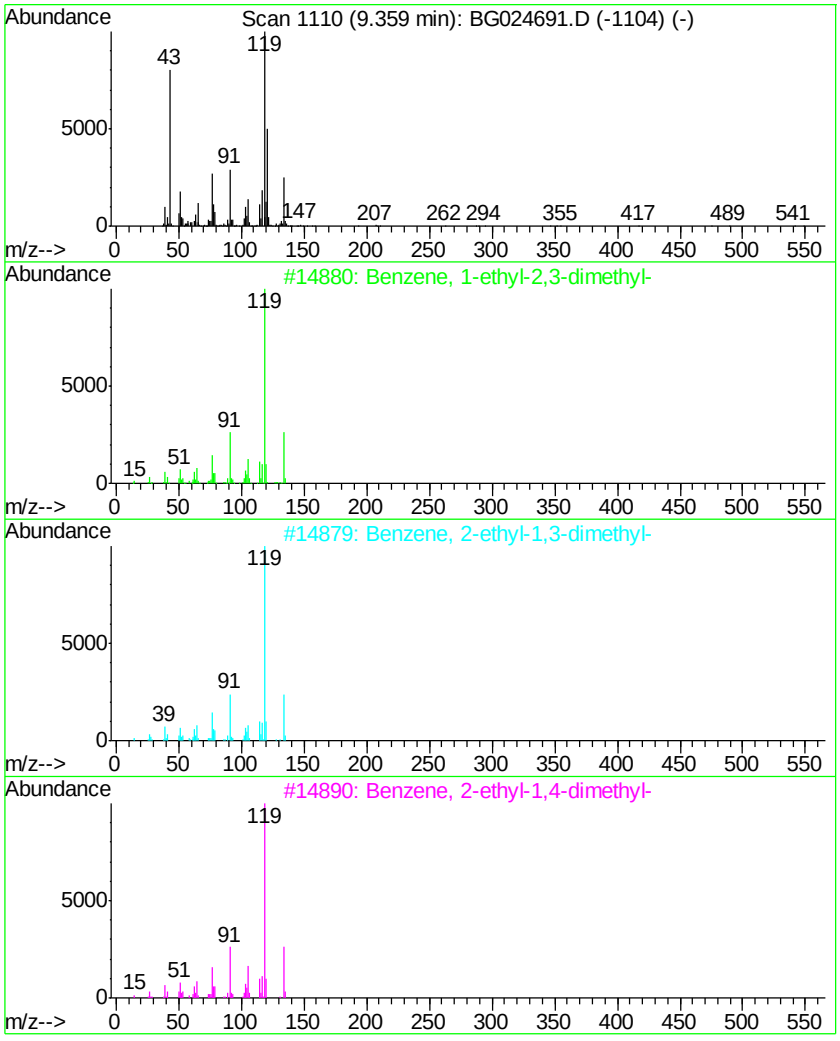
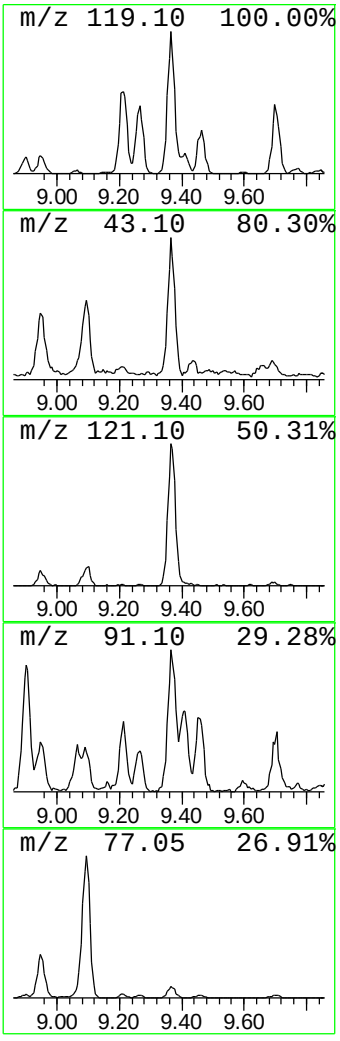
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	41.11 ng	1720150	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	92
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





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Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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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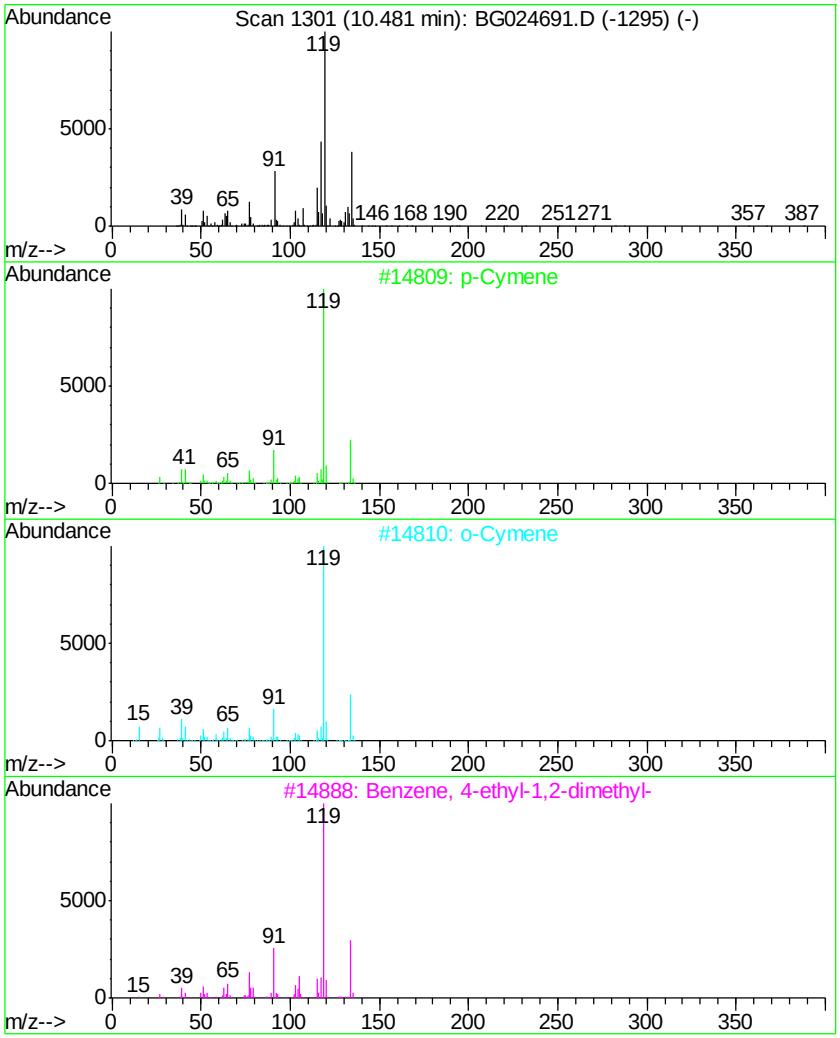
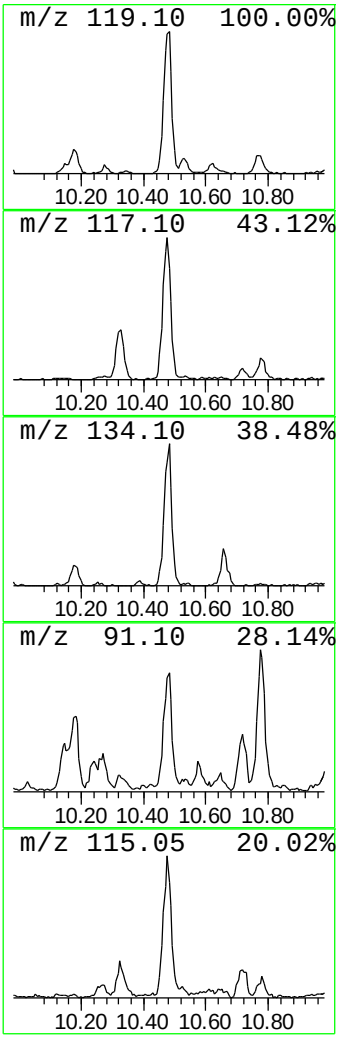
Peak Number 13 p-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	41.01 ng	1523420	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	o-Cymene	134	C10H14	000527-84-4	60
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





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Instrument : BNA_G
ClientSampleId : S22-0014

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

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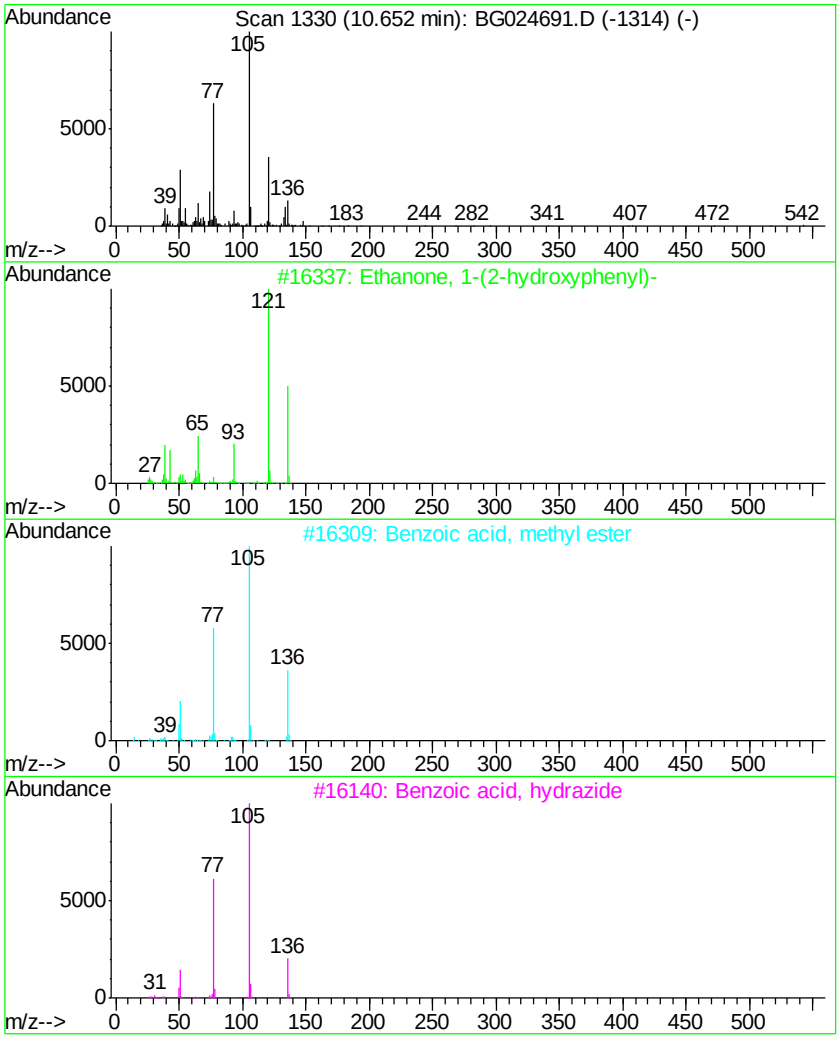
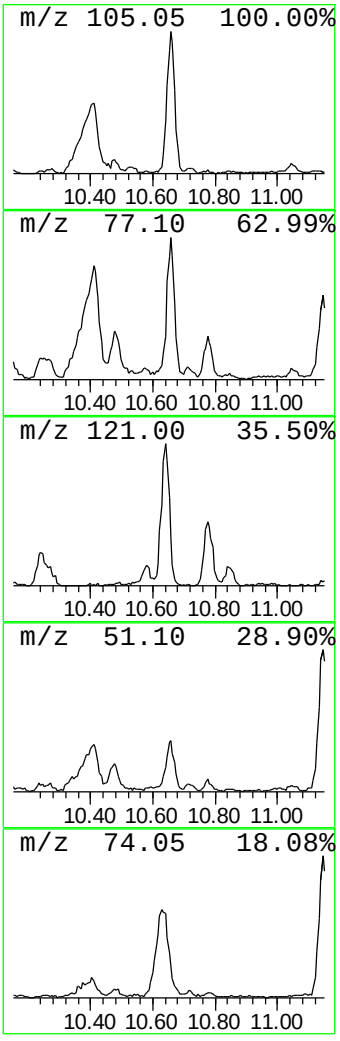
Peak Number 14 Ethanone, 1-(2-hydroxyphenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	61.05 ng	2267890	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	64
2	Benzoic acid, methyl ester	136	C8H8O2	000093-58-3	64
3	Benzoic acid, hydrazide	136	C7H8N2O	000613-94-5	52
4	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	49
5	Vinyl benzoate	148	C9H8O2	000769-78-8	46





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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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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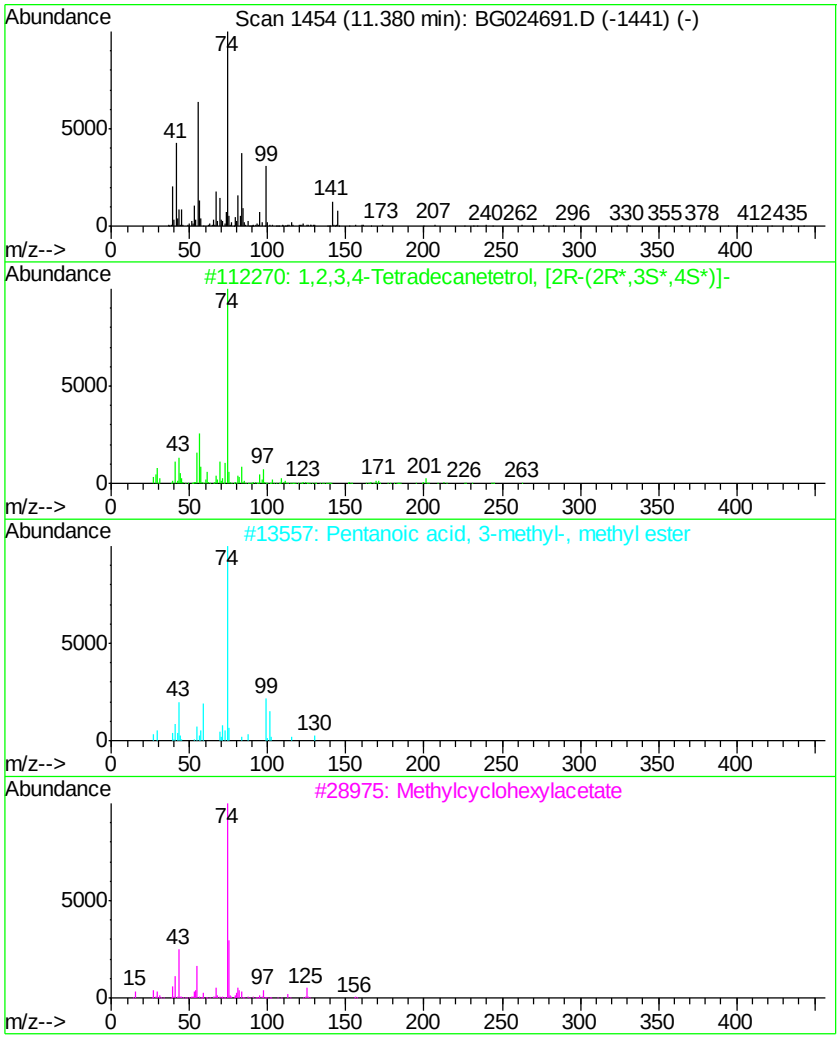
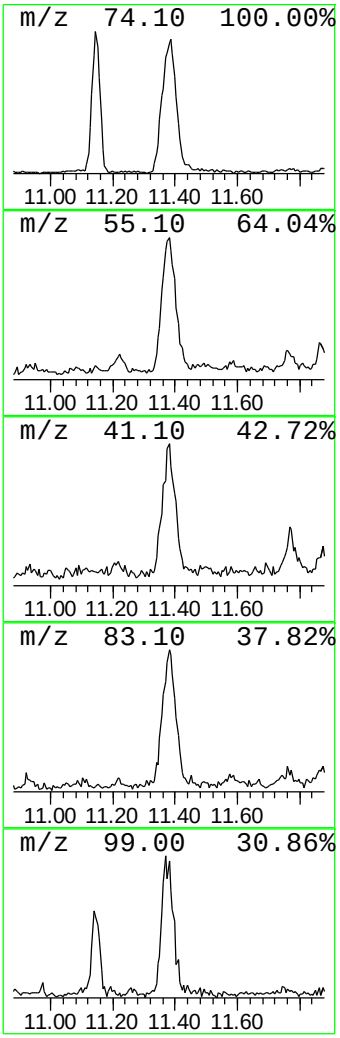
Peak Number 15 unknown11.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	34.02 ng	1263900	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetradecanetetrol, [2R-(...	262	C14H30O4	136953-04-3	37
2	Pentanoic acid, 3-methyl-, methy...	130	C7H14O2	002177-78-8	37
3	Methylcyclohexylacetate	156	C9H16O2	014352-61-5	32
4	3-Octenoic acid, methyl ester, (Z)-	156	C9H16O2	069668-85-5	18
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	9





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Instrument : BNA_G
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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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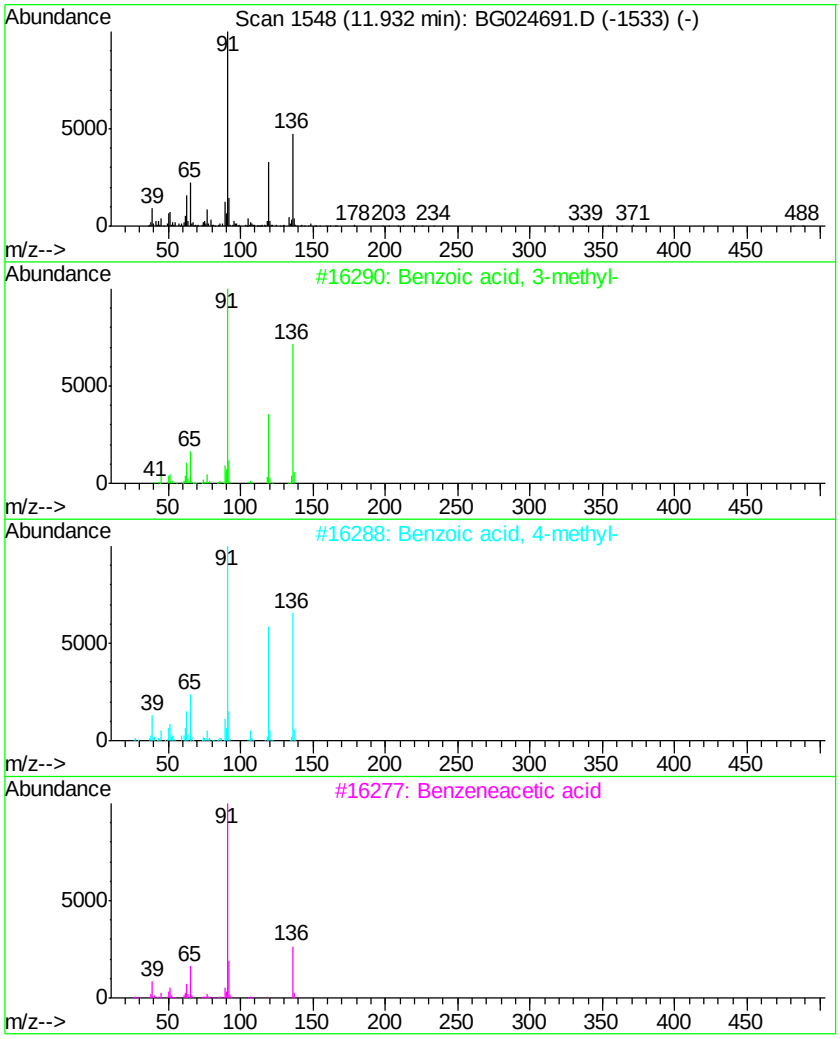
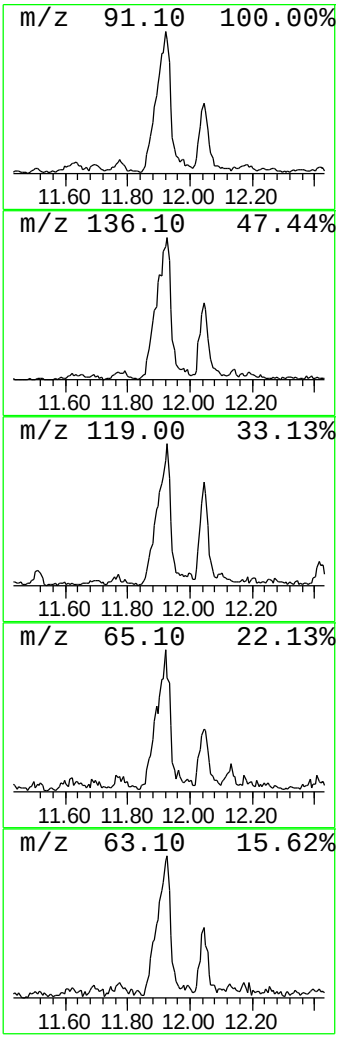
Peak Number 16 Benzoic acid, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	50.96 ng	1892970	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	83
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	62
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	47
5	Benzamide, 2-methyl-	135	C8H9NO	000527-85-5	37





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Instrument : BNA_G
ClientSampleId : S22-0014

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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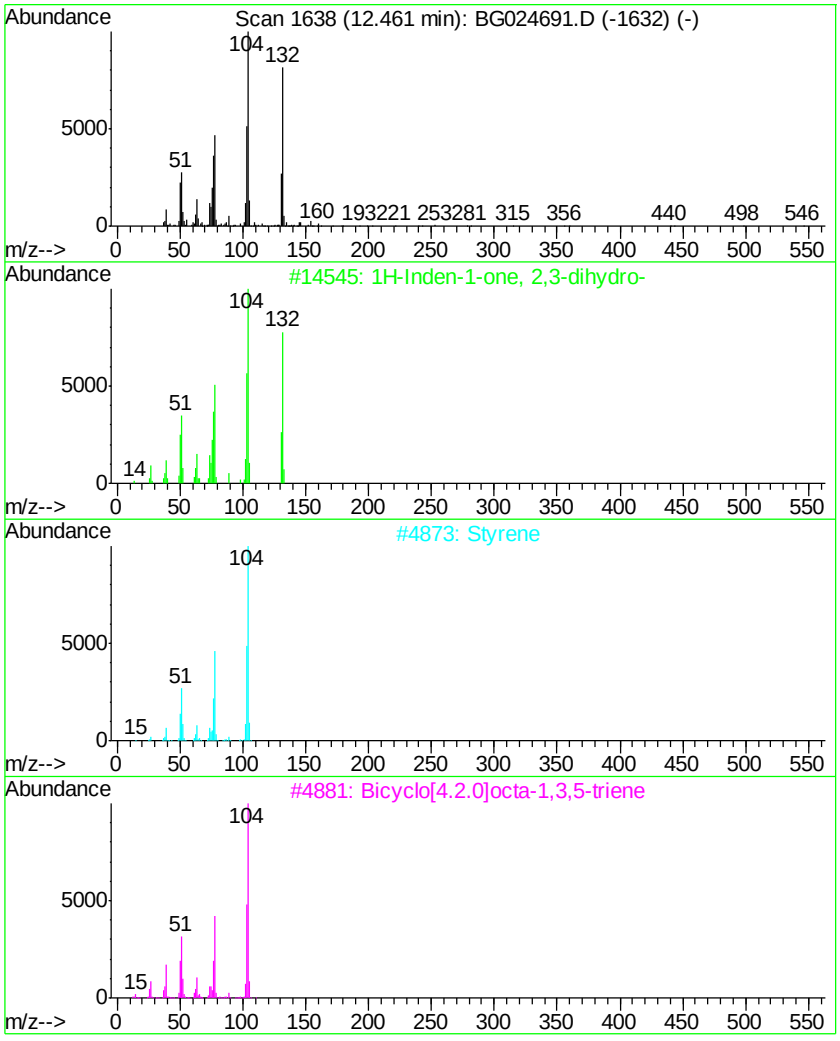
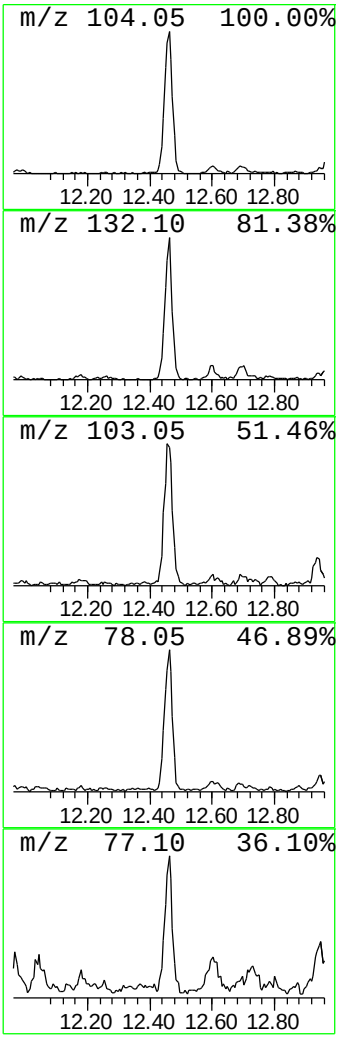
Peak Number 17 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	28.74 ng	1067820	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	98
2	Styrene	104	C8H8	000100-42-5	64
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	52
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50





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ClientSampleId : S22-0014

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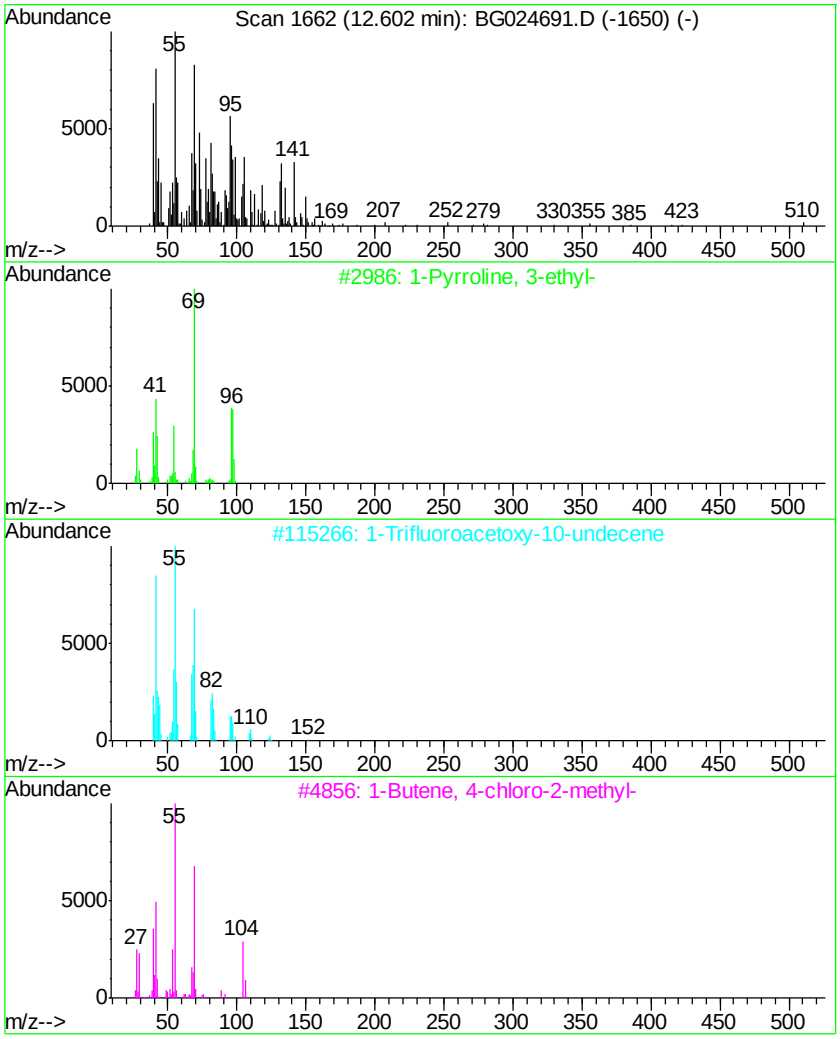
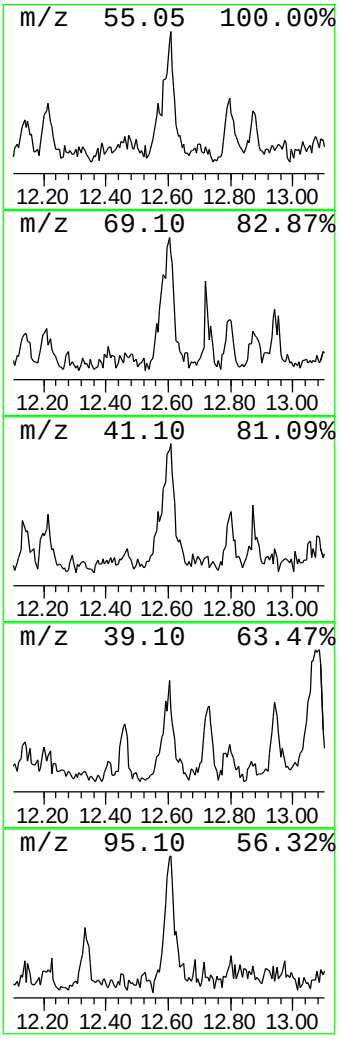
Peak Number 18 unknown12.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	28.71 ng	1066530	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	27
2	1-Trifluoroacetoxy-10-undecene	266	C13H21F3O2	001675-20-3	22
3	1-Butene, 4-chloro-2-methyl-	104	C5H9Cl	010523-96-3	22
4	6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	22
5	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	22





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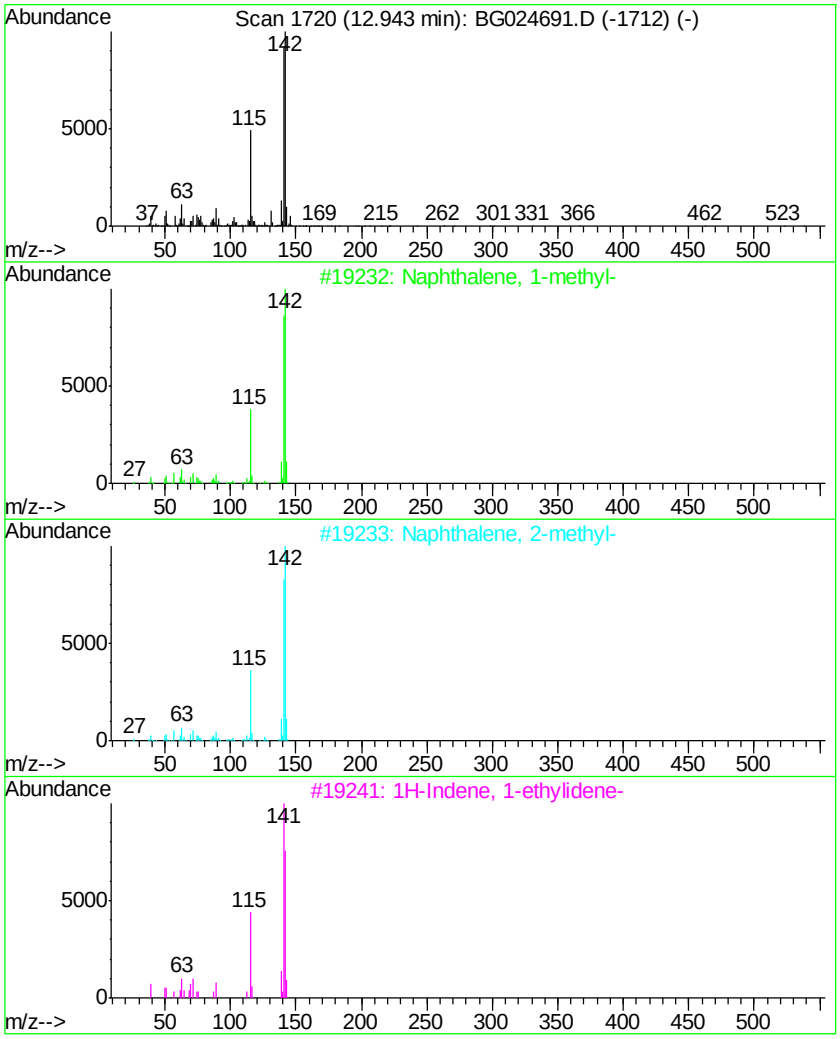
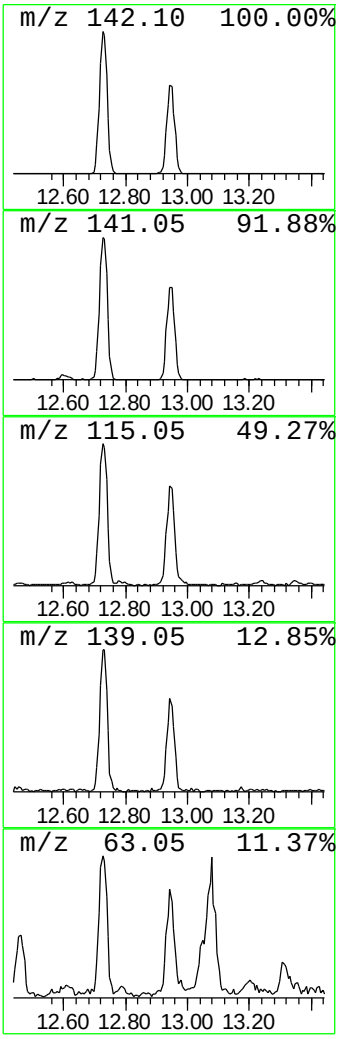
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	49.61 ng	1843030	Naphthalene-d8	11.09

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





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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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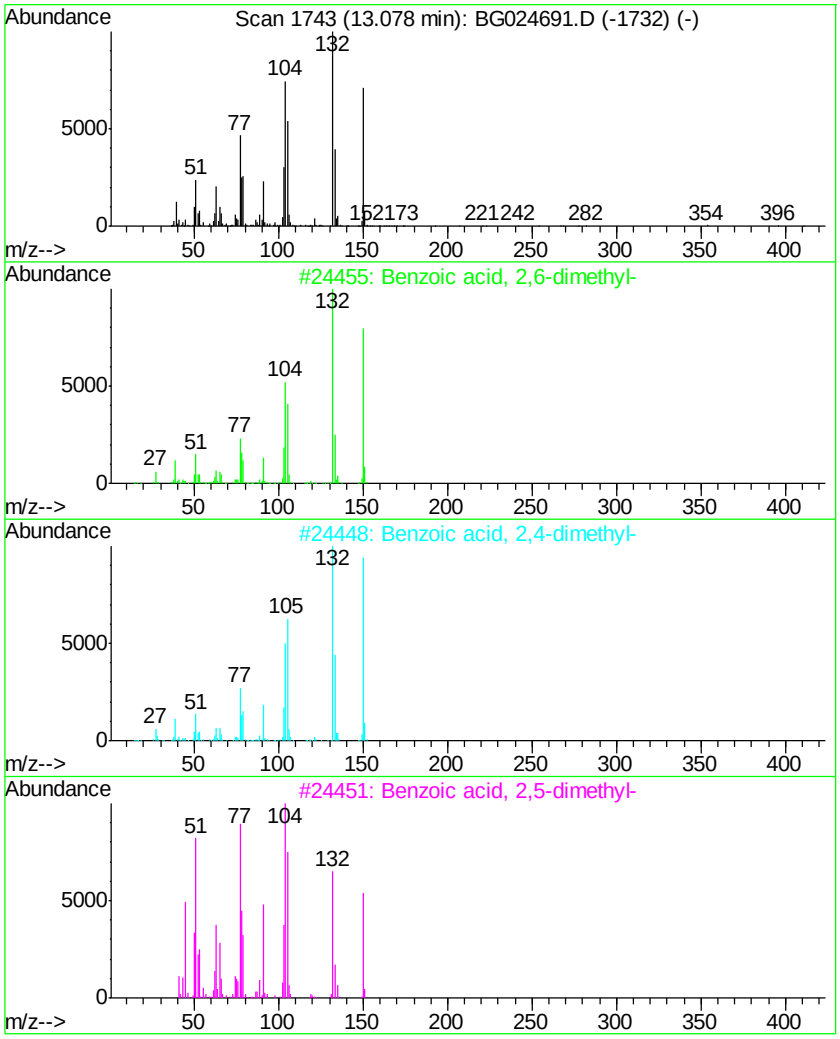
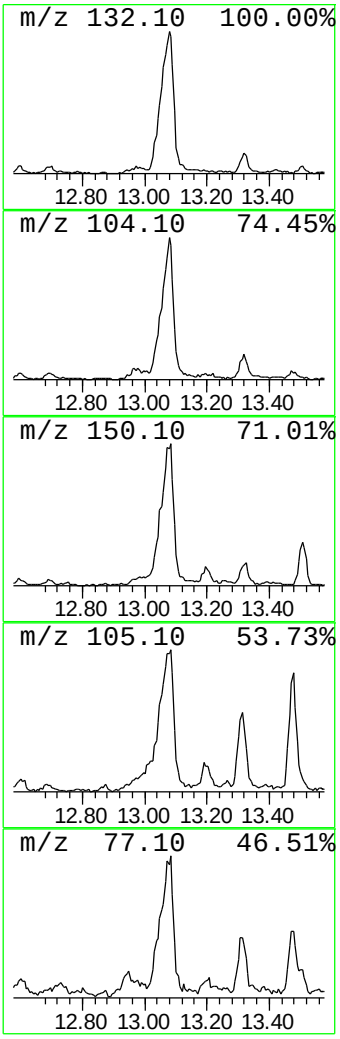
Peak Number 20 Benzoic acid, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	46.28 ng	3187150	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	95
2	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	91
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	91
4	1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	81
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024691.D
Acq On : 5 Nov 2016 1:09
Operator : UM/SJ
Sample : H5531-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0014

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
Benzene, (1-methy...	6.73	80.2	ng	3354780	1	8.27	836806	20.0
Benzene, propyl-	7.23	66.4	ng	2778620	1	8.27	836806	20.0
Benzene, 1-ethyl-...	7.64	90.6	ng	3788860	1	8.27	836806	20.0
unknown7.79	7.79	80.1	ng	3353040	1	8.27	836806	20.0
Benzene, 1,2,3-tr...	7.90	220.1	ng	9210830	1	8.27	836806	20.0
Indane	8.64	31.8	ng	1332140	1	8.27	836806	20.0
Benzenemethanol, ...	8.95	50.9	ng	2129690	1	8.27	836806	20.0
Benzene, 1-ethyl-...	9.36	41.1	ng	1720150	1	8.27	836806	20.0
p-Cymene	10.48	41.0	ng	1523420	2	11.09	742974	20.0
Ethanone, 1-(2-hy...	10.65	61.0	ng	2267890	2	11.09	742974	20.0
unknown11.38	11.38	34.0	ng	1263900	2	11.09	742974	20.0
Benzoic acid, 3-m...	11.93	51.0	ng	1892970	2	11.09	742974	20.0
1H-Inden-1-one, 2...	12.46	28.7	ng	1067820	2	11.09	742974	20.0
unknown12.60	12.60	28.7	ng	1066530	2	11.09	742974	20.0
Naphthalene, 1-me...	12.94	49.6	ng	1843030	2	11.09	742974	20.0
Benzoic acid, 2,6...	13.08	46.3	ng	3187150	3	14.88	1377380	20.0