LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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	4.137	213	221	228	rBV2	95512	155483	1.49%	0.227%
2	4.237	232	238	245	rBV2	112520	209530	2.01%	0.306%
3	4.572	288	295	300	rBV4	60166	122121	1.17%	0.178%
4	4.707	313	318	327	rVB3	71457	153040	1.47%	0.223%
5	4.865	338	345	352	rVB3	88668	161096	1.54%	0.235%
6	5.330	419	424	428	rBV	265753	412526	3.95%	0.602%
7	5.418	434	439	445	rVB2	252292	406925	3.90%	0.594%
8	5.741	487	494	498	rBV	578532	983875	9.42%	1.436%
9	5.800	498	504	513	rVB	931577	1609791	15.41%	2.350%
10	5.894	513	520	526	rBV	408904	676899	6.48%	0.988%
11	6.181	565	569	573	rVV2	83253	126995	1.22%	0.185%
12	6.511	617	625	630	rBV5	103854	248479	2.38%	0.363%
13	6.728	655	662	675	rBV	523079	1050595	10.06%	1.534%
14	6.875	682	687	693	rVB6	61179	119605	1.15%	0.175%
15	7.221	739	746	756	rBV	365966	690812	6.61%	1.009%
16	7.304	756	760	769	rVV3	87943	202554	1.94%	0.296%
17	7.398	769	776	789	rVB2	947803	1874704	17.95%	2.737%
18	7.639	810	817	828	rBV	1052572	1872909	17.93%	2.735%
19	7.791	833	843	851	rVV	1774047	3181841	30.46%	4.646%
20	7.897	855	861	869	rBV	703670	1216762	11.65%	1.777%
21	8.267	916	924	931	rVV2	391149	724668	6.94%	1.058%
22	8.373	936	942	954	rVB3	279925	543365	5.20%	0.793%
23	8.590	964	979	985	rBV	1623683	3121744	29.89%	4.558%
24	8.637	985	987	995	rVB2	213169	362780	3.47%	0.530%
25	8.749	1000	1006	1012	rBV2	105017	184569	1.77%	0.269%
26	8.896	1026	1031	1034	rBV3	100087	180564	1.73%	0.264%
27	8.943	1034	1039	1043	rVB5	68668	169707	1.62%	0.248%
28	9.060	1052	1059	1063	rBV	134942	270112	2.59%	0.394%
29	9.207	1079	1084	1089	rVV2	83143	141930	1.36%	0.207%
30	9.266	1089	1094	1103	rVV6	99215	227144	2.17%	0.332%
31	9.366	1106	1111	1117	rVV3	218056	409605	3.92%	0.598%
32	9.442	1117	1124	1136	rVB	1613303	3169674	30.35%	4.628%
33	9.707	1164	1169	1176	rBV5	50549	111356	1.07%	0.163%
34	9.901	1196	1202	1207	rBV4	193274	350712	3.36%	0.512%

LSC Area Percent Report

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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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	9.954	1207	1211	1216	rVB2	126711	202566	1.94%	0.296%
36	10.153	1238	1245	1247	rBV7	62750	117559	1.13%	0.172%
37	10.171	1247	1248	1254	rVB3	84493	109321	1.05%	0.160%
38	10.259	1254	1263	1270	rBV5	117507	280873	2.69%	0.410%
39	10.476	1286	1300	1306	rBV	398952	877512	8.40%	1.281%
40	10.617	1318	1324	1326	rBV5	66237	106514	1.02%	0.156%
41	10.770	1345	1350	1355	rVB2	190901	312927	3.00%	0.457%
42	10.941	1373	1379	1383	rBV9	44118	106135	1.02%	0.155%
43	10.993	1384	1388	1393	rVV3	94610	150356	1.44%	0.220%
44	11.093	1395	1405	1417	rVV	547878	1285847	12.31%	1.877%
45	11.187	1417	1421	1429	rVB3	97377	187317	1.79%	0.273%
46	11.516	1470	1477	1482	rVB4	69623	146750	1.41%	0.214%
47	11.687	1495	1506	1513	rBV2	548924	1152940	11.04%	1.683%
48	12.333	1610	1616	1623	rBV3	66696	141532	1.36%	0.207%
49	12.456	1627	1637	1644	rBV	952744	1690565	16.19%	2.468%
50	12.562	1651	1655	1662	rVB10	65906	121122	1.16%	0.177%
51	12.674	1670	1674	1678	rBV6	61970	109156	1.05%	0.159%
52	12.786	1687	1693	1700	rBV2	208167	367544	3.52%	0.537%
53	12.944	1710	1720	1722	rBV3	408542	816345	7.82%	1.192%
54	13.350	1778	1789	1797	rBV6	126223	417991	4.00%	0.610%
55	13.426	1797	1802	1805	rVB6	83676	122447	1.17%	0.179%
56	13.508	1806	1816	1822	rBV	3829278	6168965	59.06%	9.007%
57	13.872	1870	1878	1879	rBV5	110984	227146	2.17%	0.332%
58	14.008	1896	1901	1905	rBV8	75571	140719	1.35%	0.205%
59	14.055	1905	1909	1913	rVV4	219746	349292	3.34%	0.510%
60	14.096	1913	1916	1921	rVB2	189423	288178	2.76%	0.421%
61	14.160	1921	1927	1932	rBV3	194508	334149	3.20%	0.488%
62	14.319	1949	1954	1962	rVB	274734	421727	4.04%	0.616%
63	14.401	1965	1968	1974	rVB8	89011	160563	1.54%	0.234%
64	14.478	1977	1981	1993	rVB5	171795	406431	3.89%	0.593%
65	14.654	2007	2011	2020	rVB2	137947	255486	2.45%	0.373%
66	14.883	2044	2050	2057	rVB	902267	1462459	14.00%	2.135%
67	15.570	2163	2167	2172	rBV4	105104	179925	1.72%	0.263%
68	16.364	2295	2302	2312	rBV	3708324	5899053	56.48%	8.613%
69	16.534	2328	2331	2337	rVB	82535	109378	1.05%	0.160%
70	17.410	2477	2480	2485	rVB5	91993	127170	1.22%	0.186%
71	17.627	2511	2517	2523	rVB2	1176752	1899318	18.18%	2.773%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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	18.467	2657	2660	2665	rBV5	98770	124257	1.19%	0.181%
73	20.206	2950	2956	2962	rBV	7588006	10444662	100.00%	15.250%
74	21.499	3172	3176	3185	rVB5	150163	270482	2.59%	0.395%
75	21.922	3241	3248	3256	rVB	1419631	2522456	24.15%	3.683%
76	25.347	3821	3831	3841	rVB2	810135	2431940	23.28%	3.551%

Sum of corrected areas: 68491547

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
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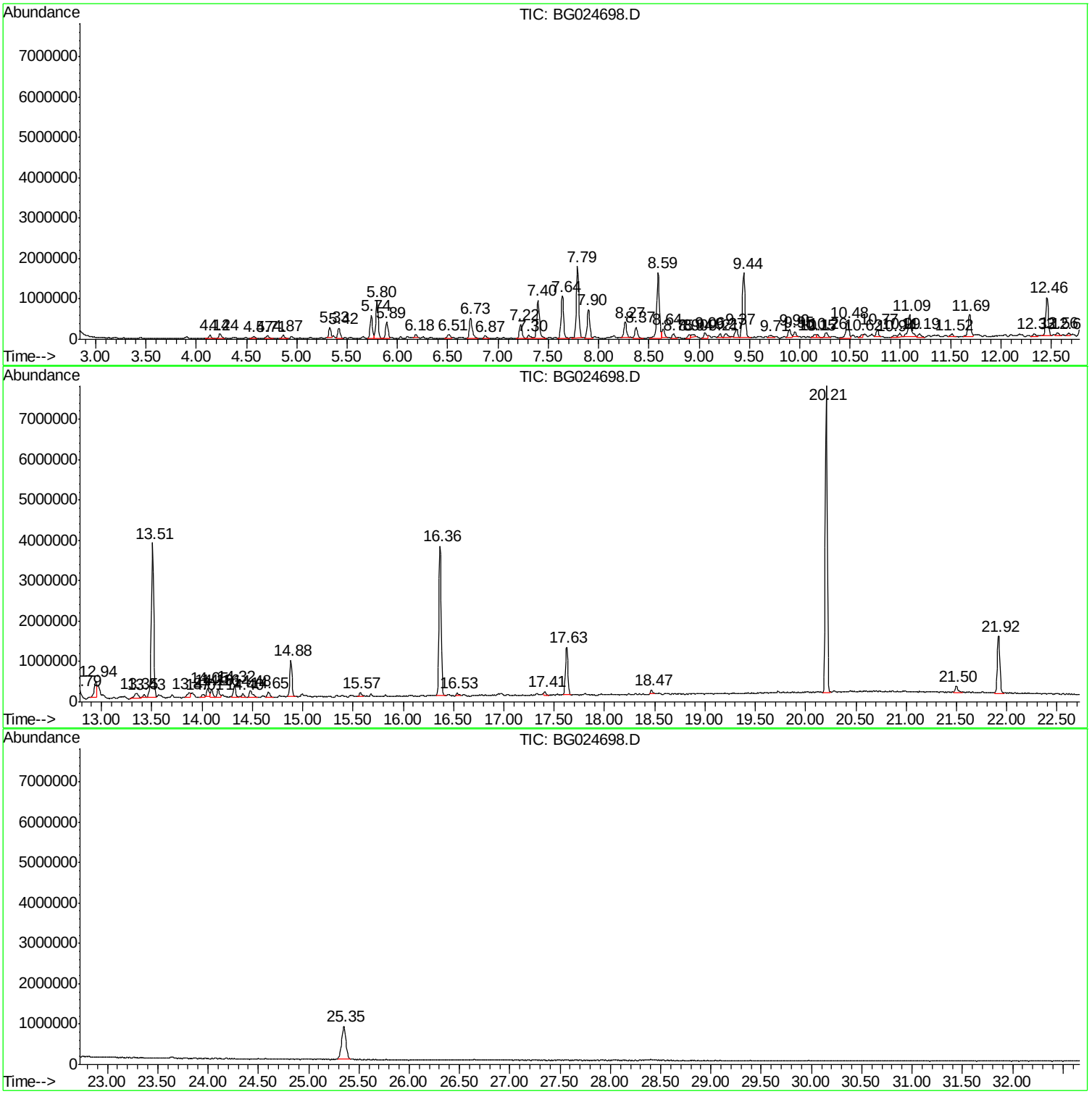
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
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Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
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ALS Vial : 15 Sample Multiplier: 1

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

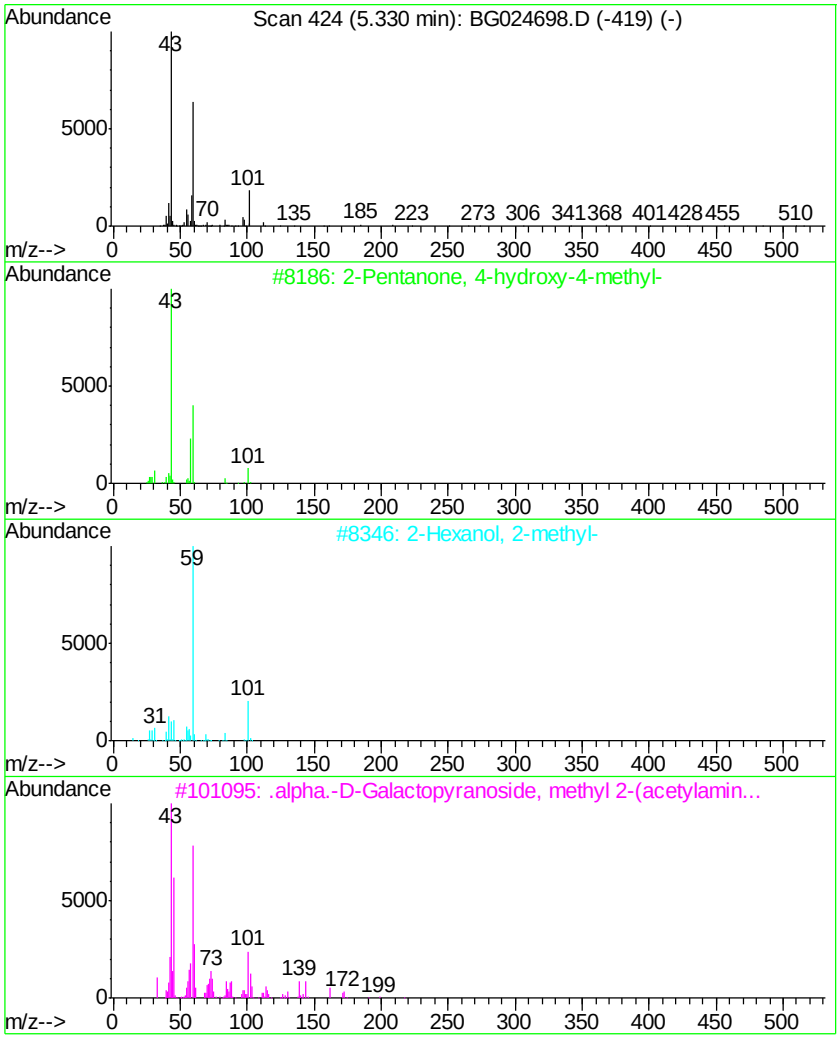
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

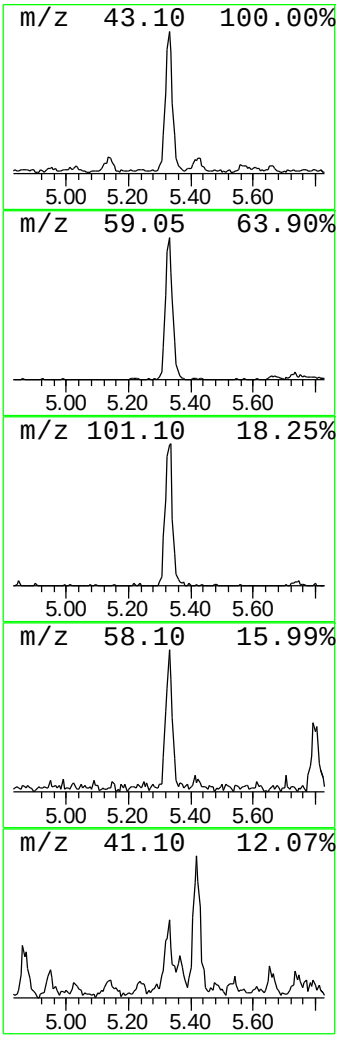
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	11.39 ng	412526	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	.alpha.-D-Galactopyranoside, met...	249	C10H19NO6	017296-07-0	38
4	Dimethadione	129	C5H7NO3	000695-53-4	36
5	3-Octanol	130	C8H18O	000589-98-0	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

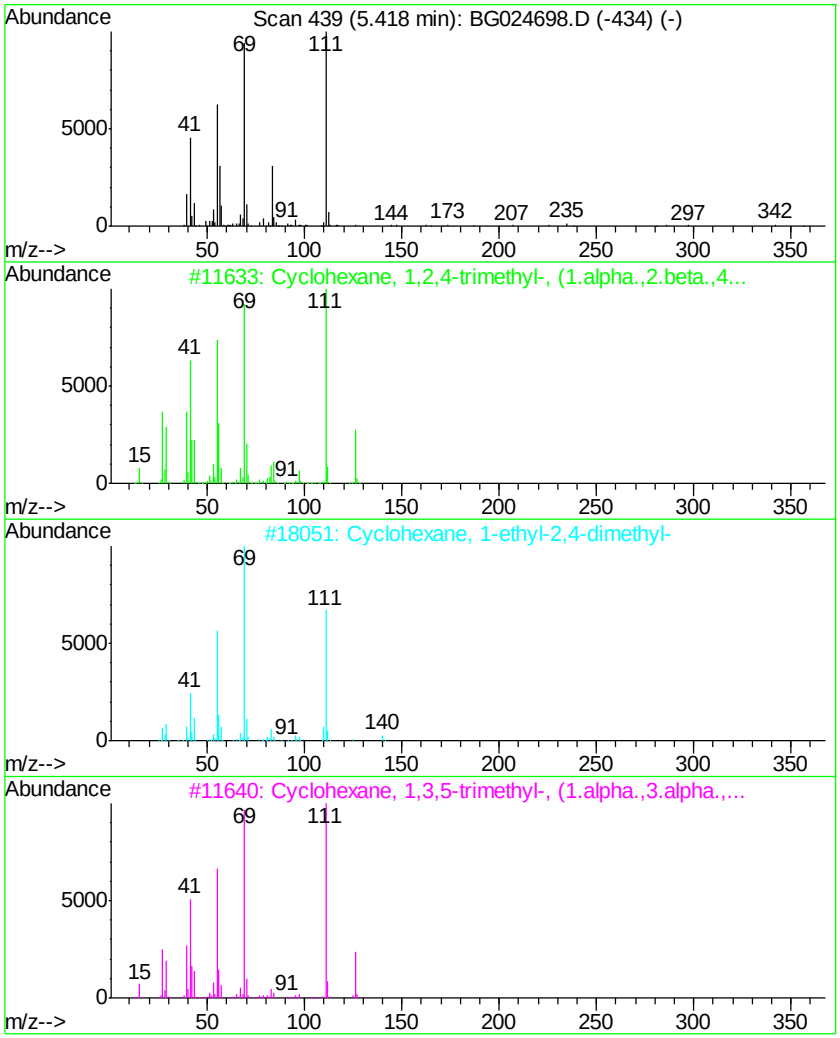
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

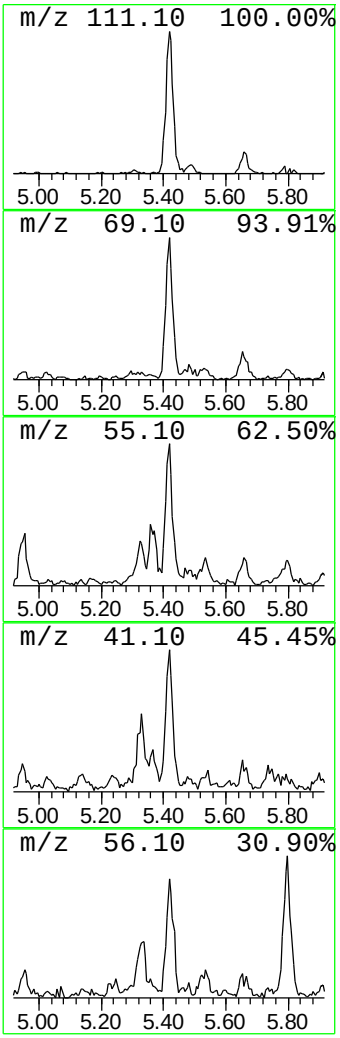
****

Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	11.23 ng	406925	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024698.D
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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

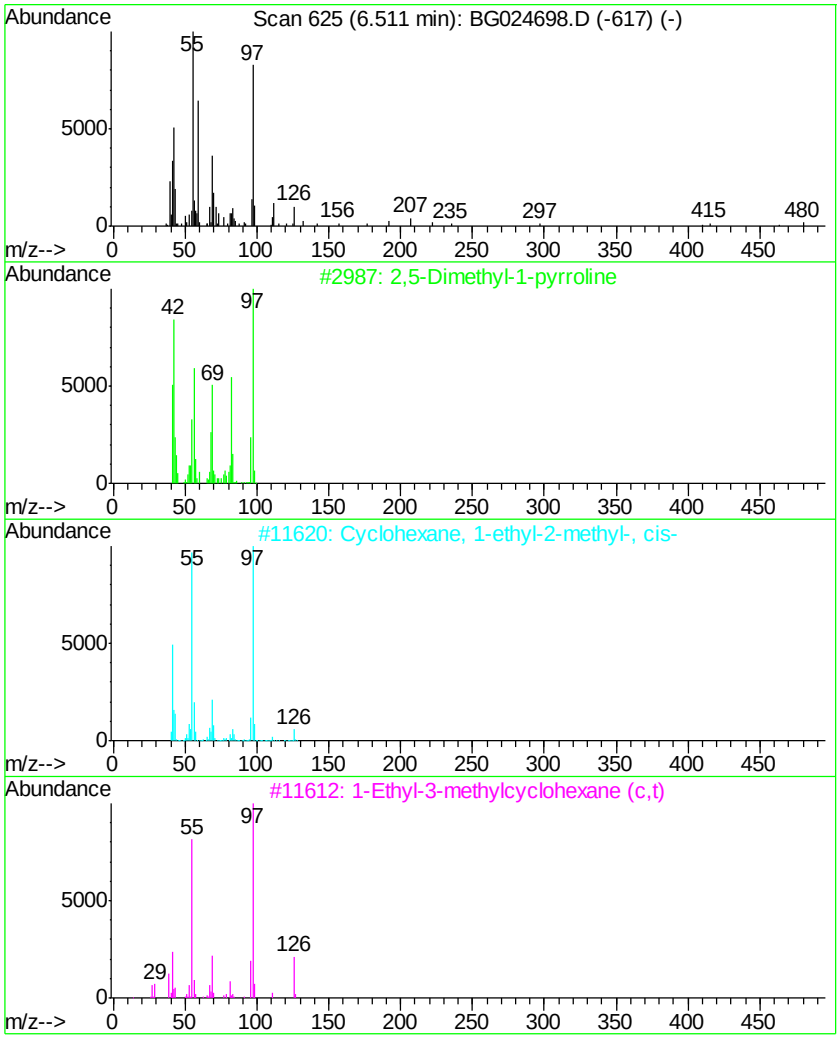
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

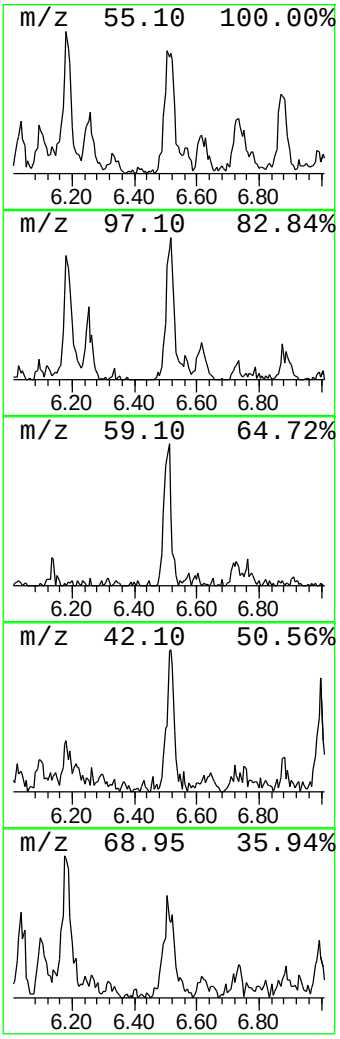
****

Peak Number 5 2,5-Dimethyl-1-pyrroline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	6.86 ng	248479	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	60
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	49
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	46
4	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	46





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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

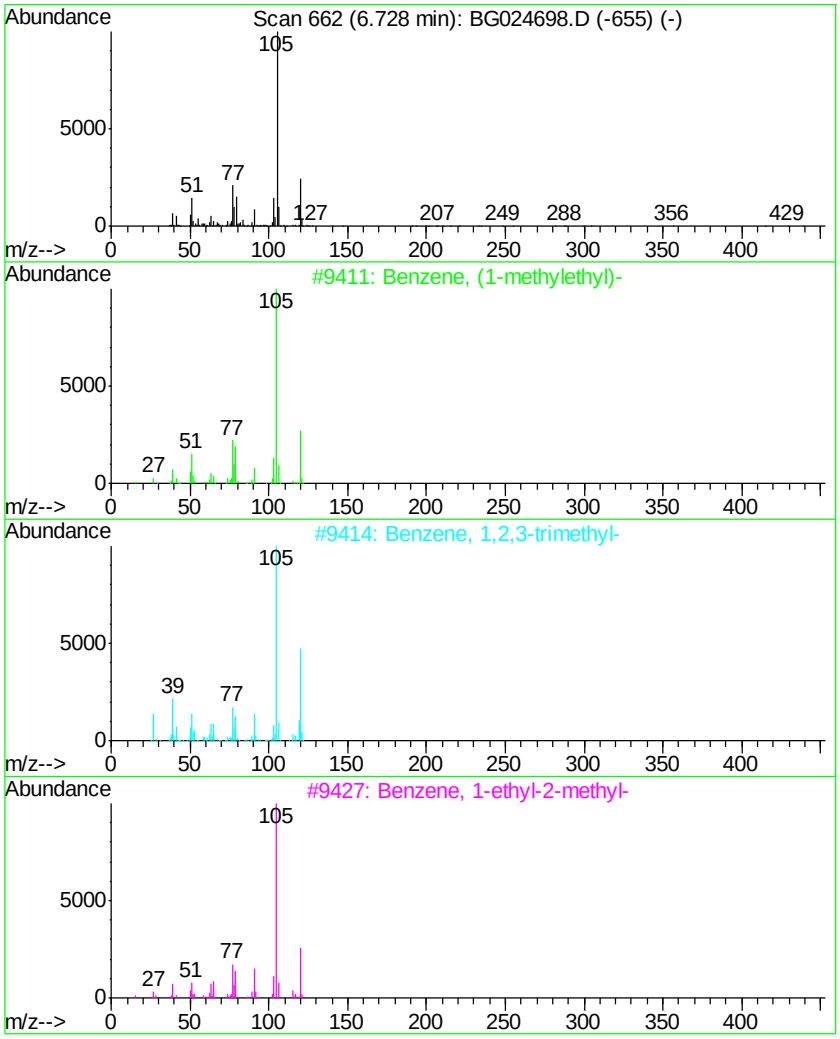
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

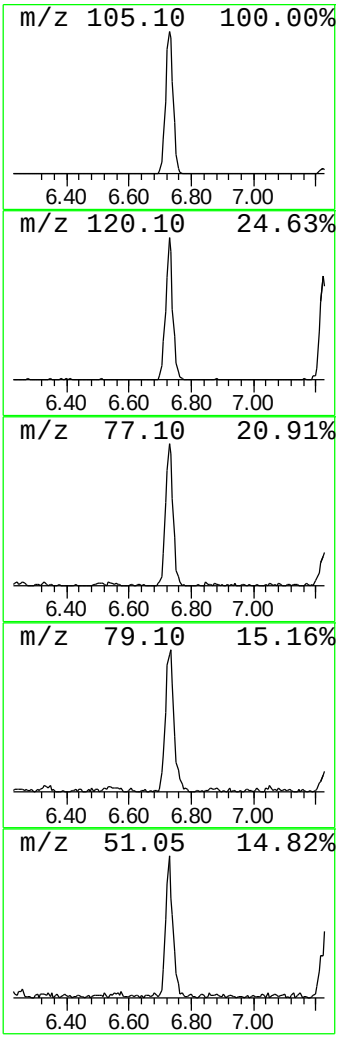
****

Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	29.00 ng	1050600	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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





Library Search Compound Report

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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

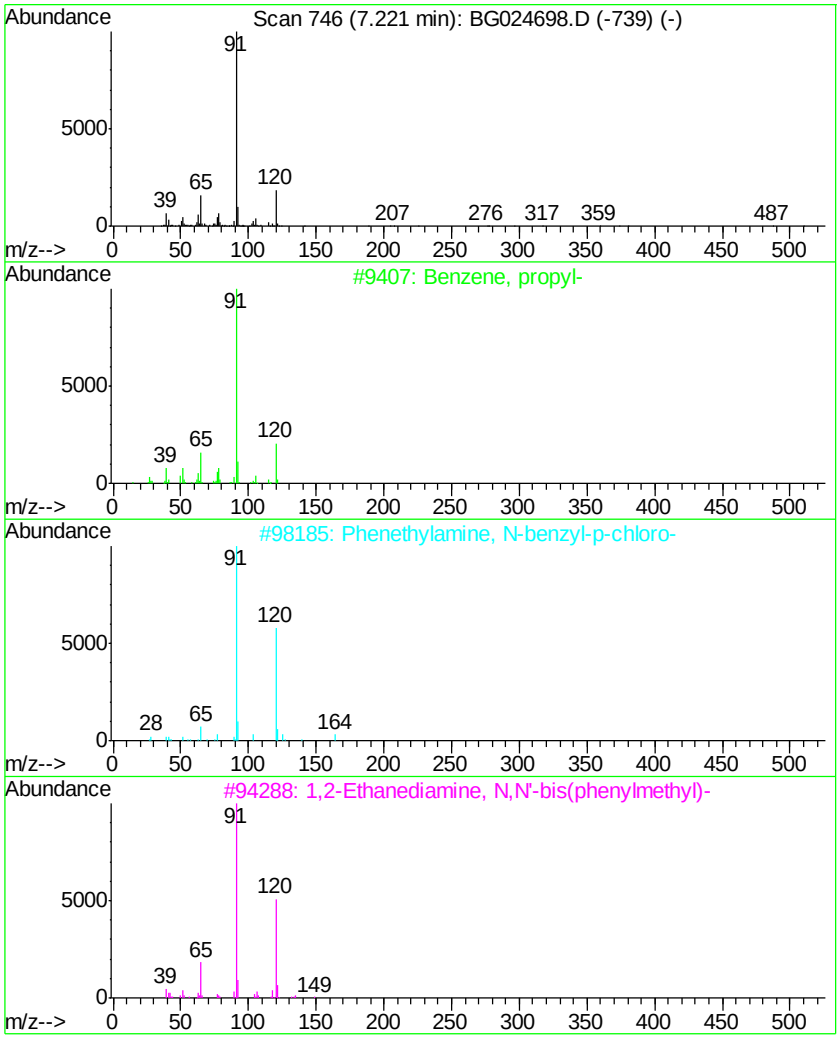
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

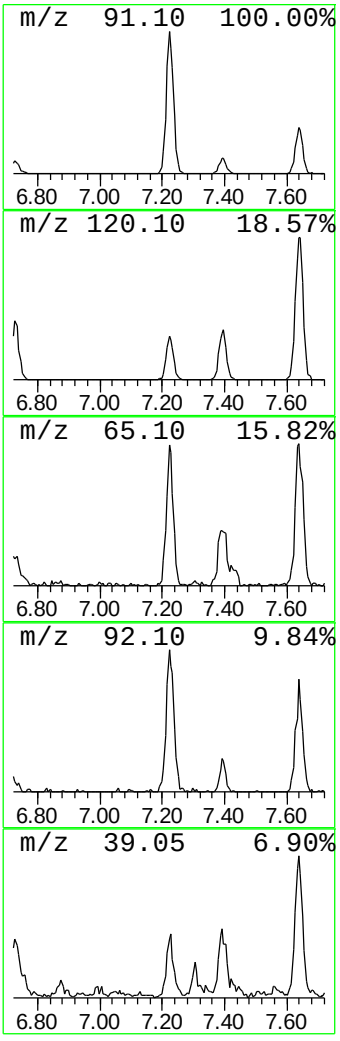
****

Peak Number 7 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	19.07 ng	690812	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64
5	2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024698.D
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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

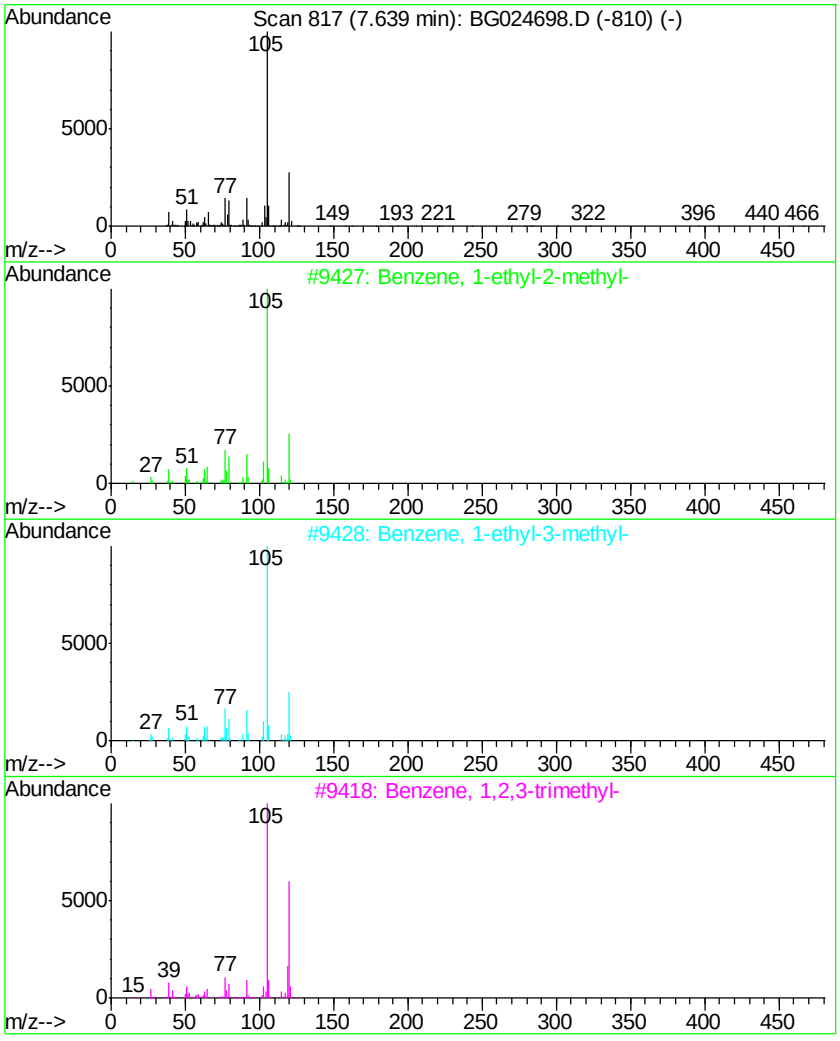
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

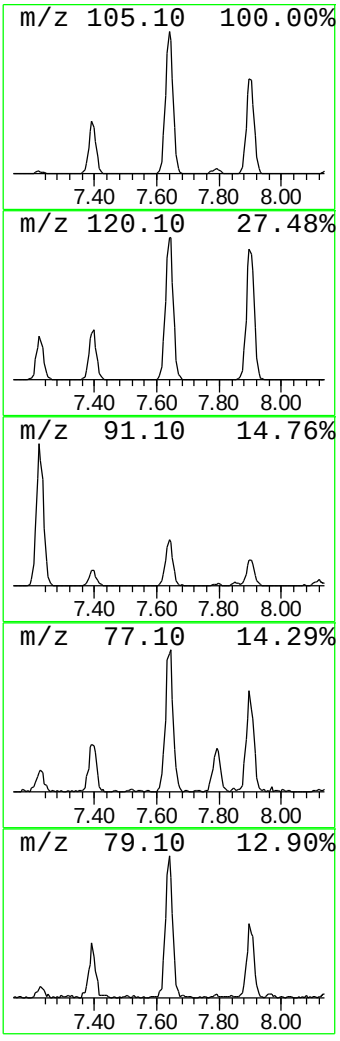
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	51.69 ng	1872910	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

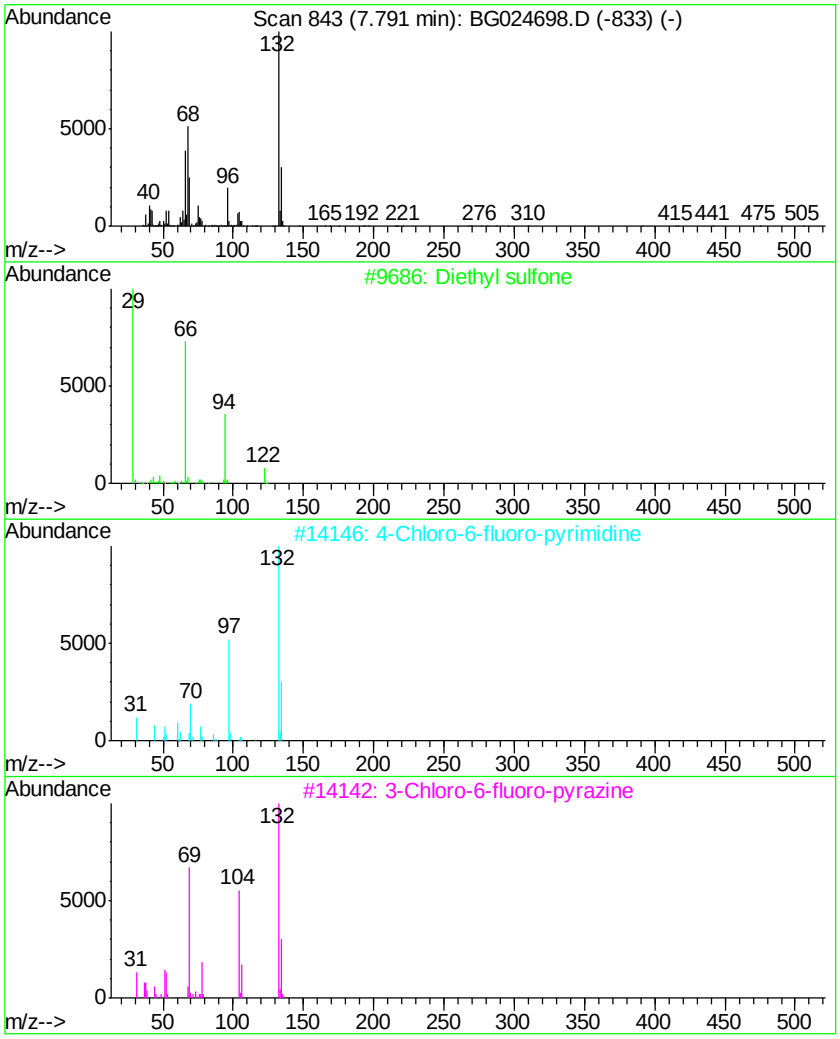
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

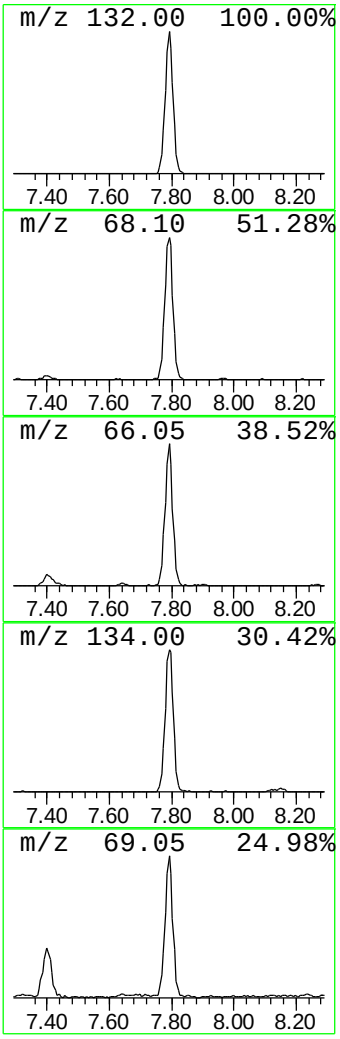
****

Peak Number 9 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	87.82 ng	3181840	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfone	122	C4H10O2S	000597-35-3	17
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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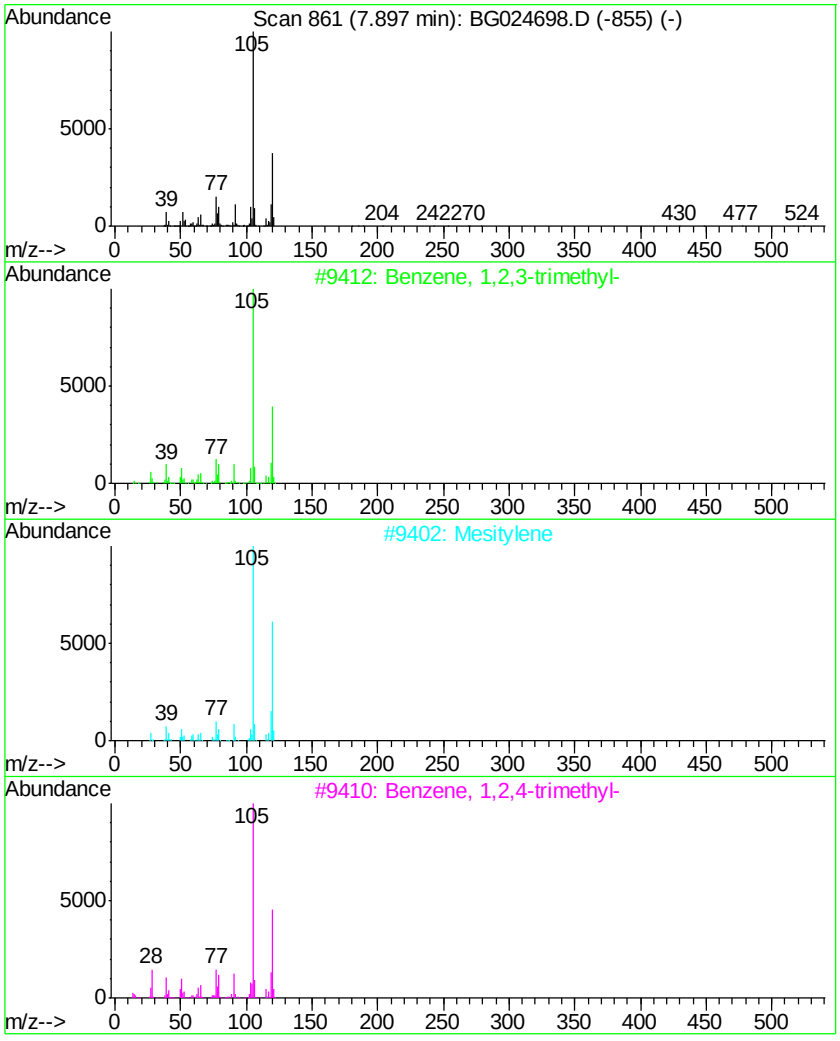
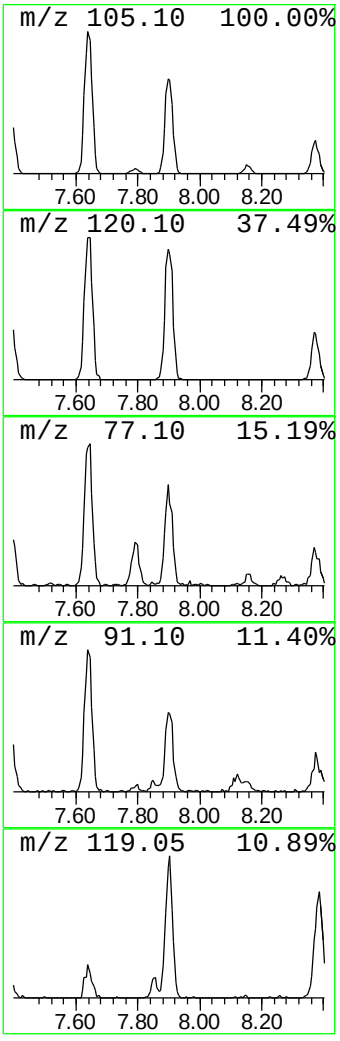
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	33.58 ng	1216760	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	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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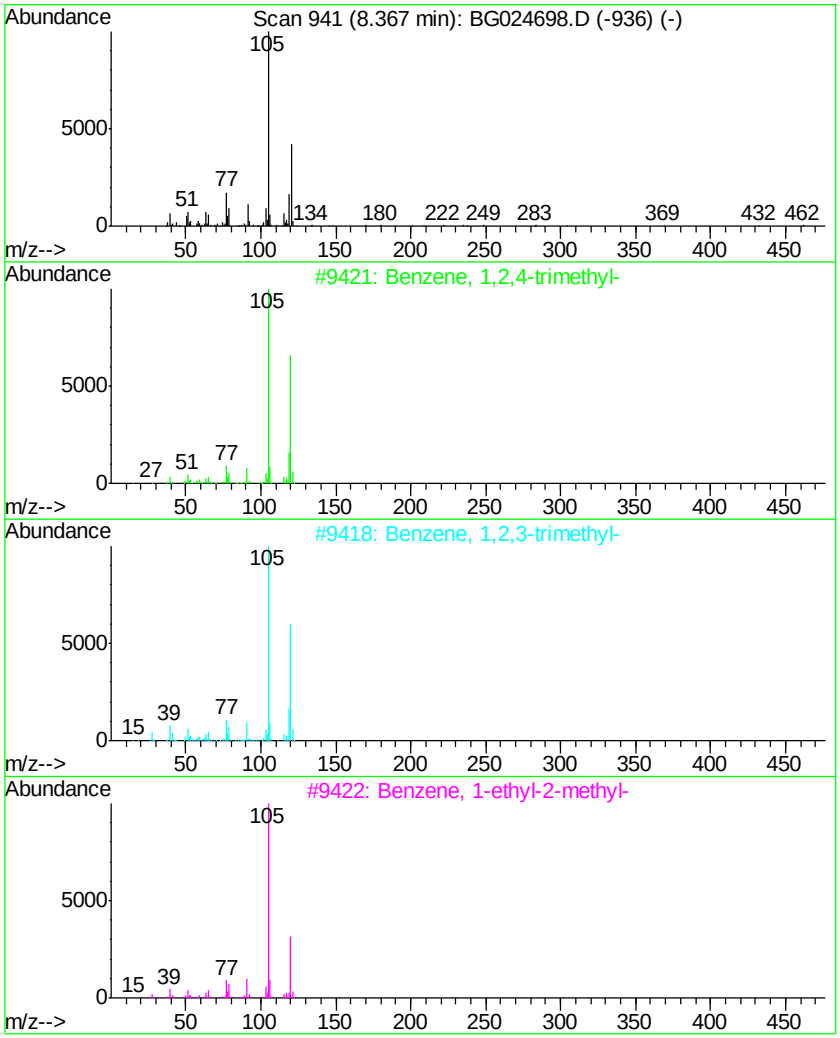
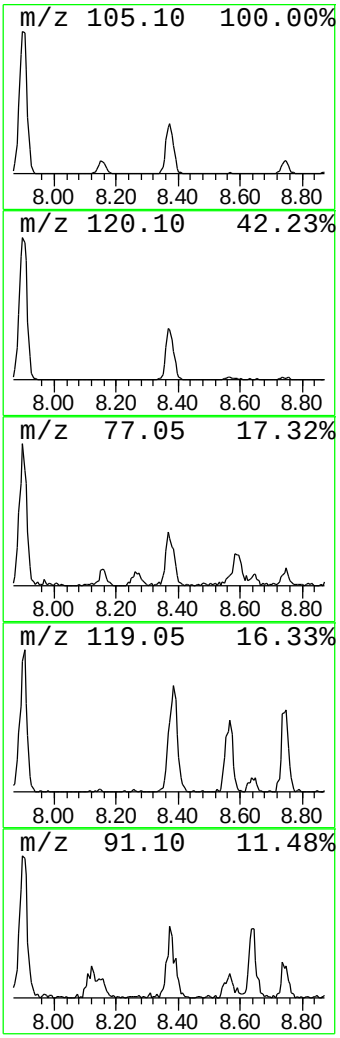
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	15.00 ng	543365	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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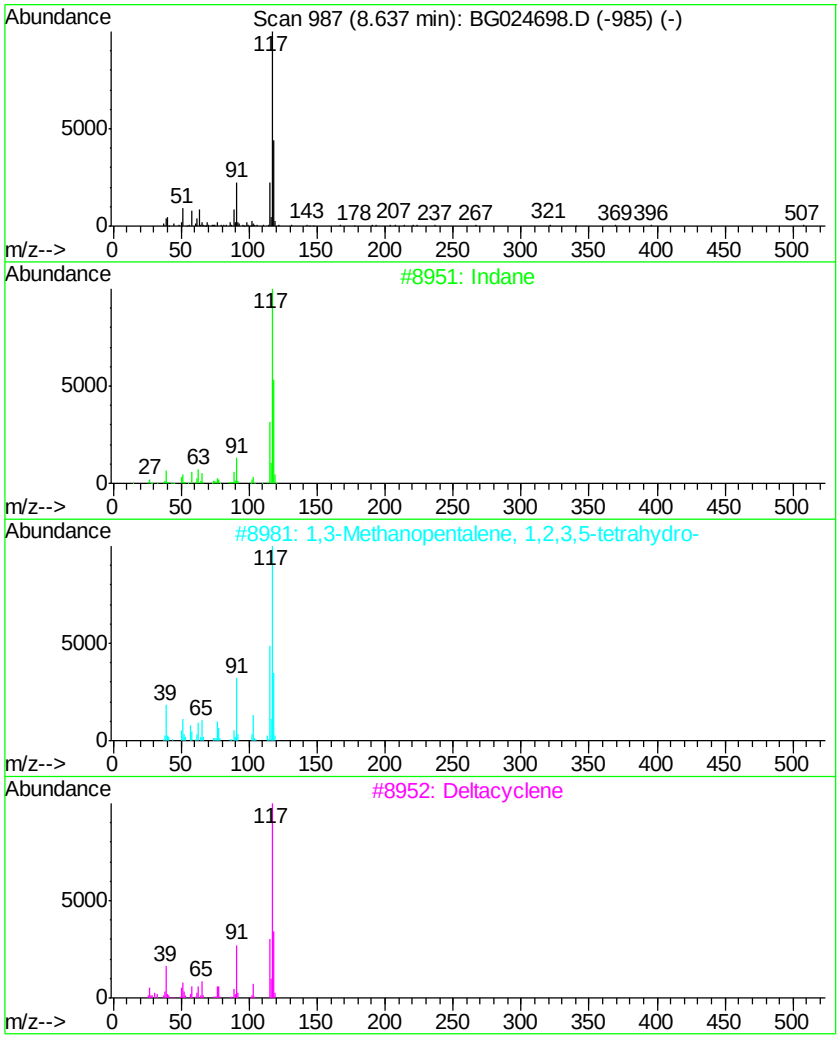
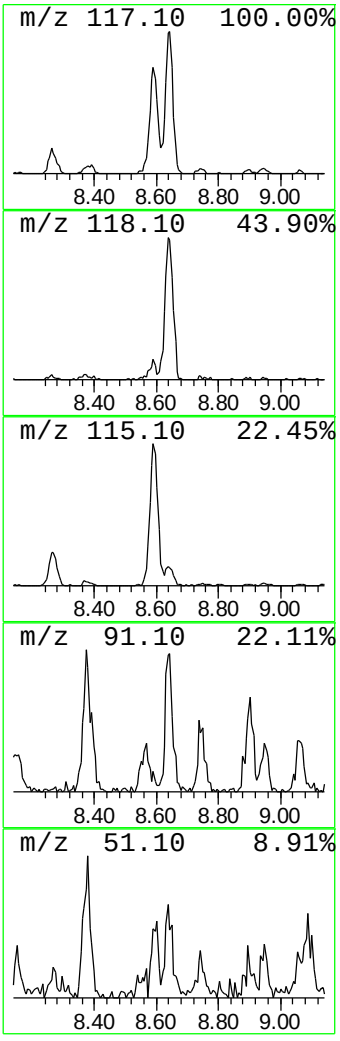
Peak Number 13 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	10.01 ng	362780	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	59
3	Deltacyclene	118	C9H10	007785-10-6	59
4	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	53
5	Indole	117	C8H7N	000120-72-9	47





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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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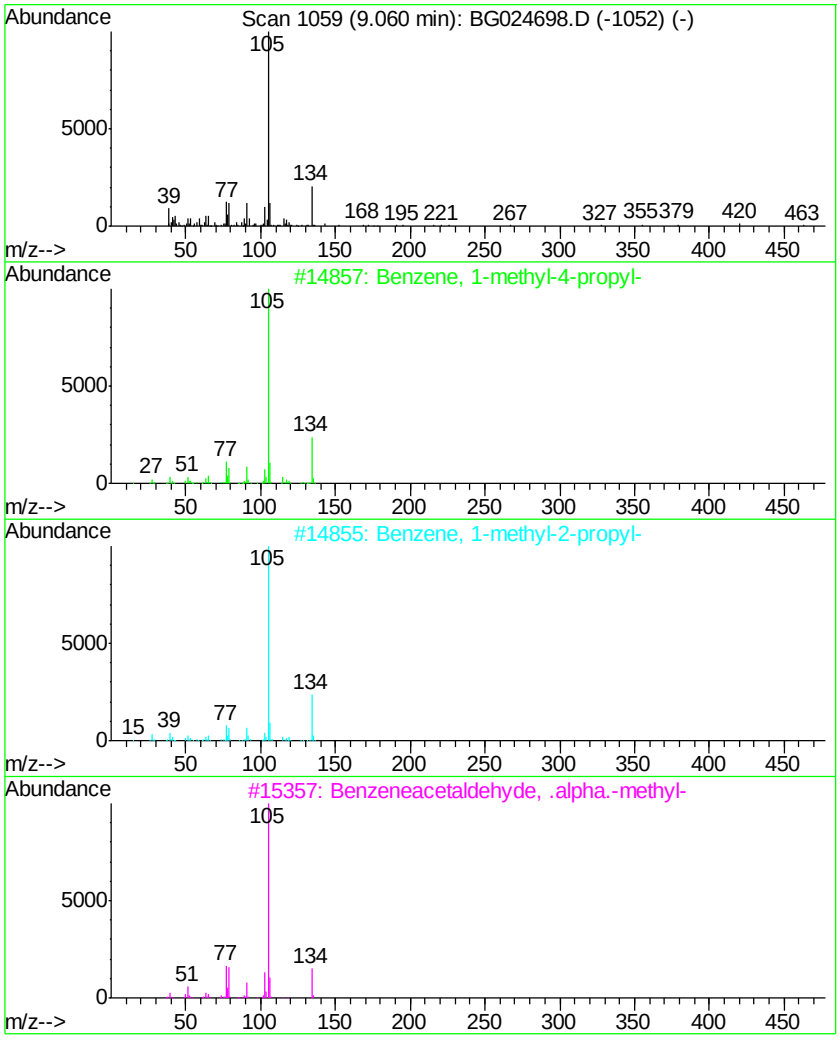
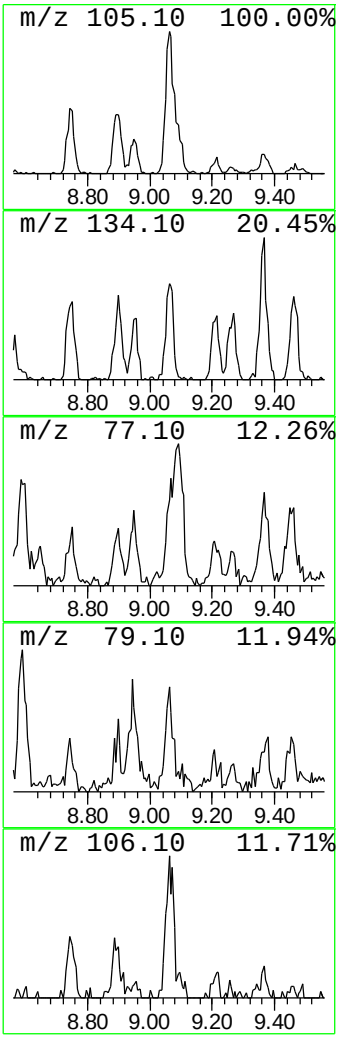
Peak Number 14 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	7.45 ng	270112	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64





Library Search Compound Report

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Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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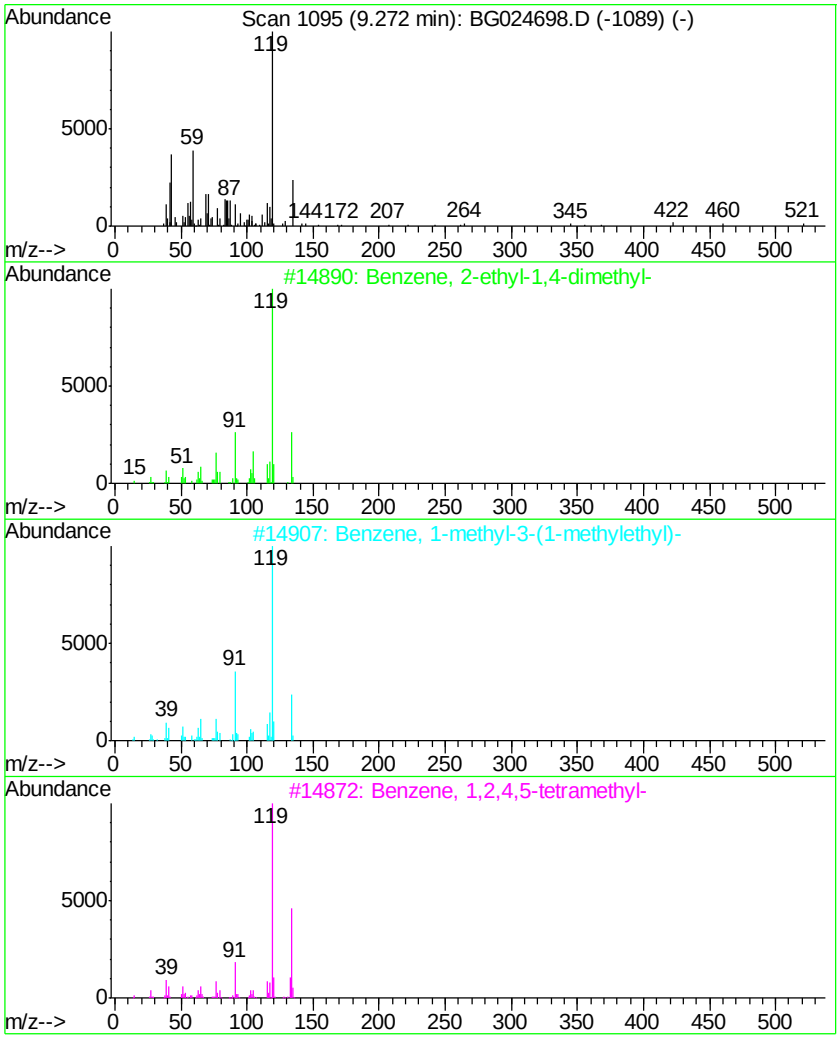
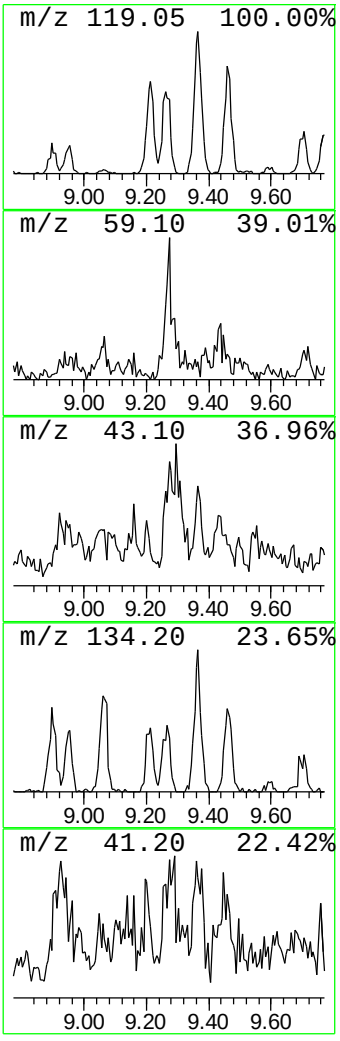
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.27 ng	227144	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	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	p-Cymene	134	C10H14	000099-87-6	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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

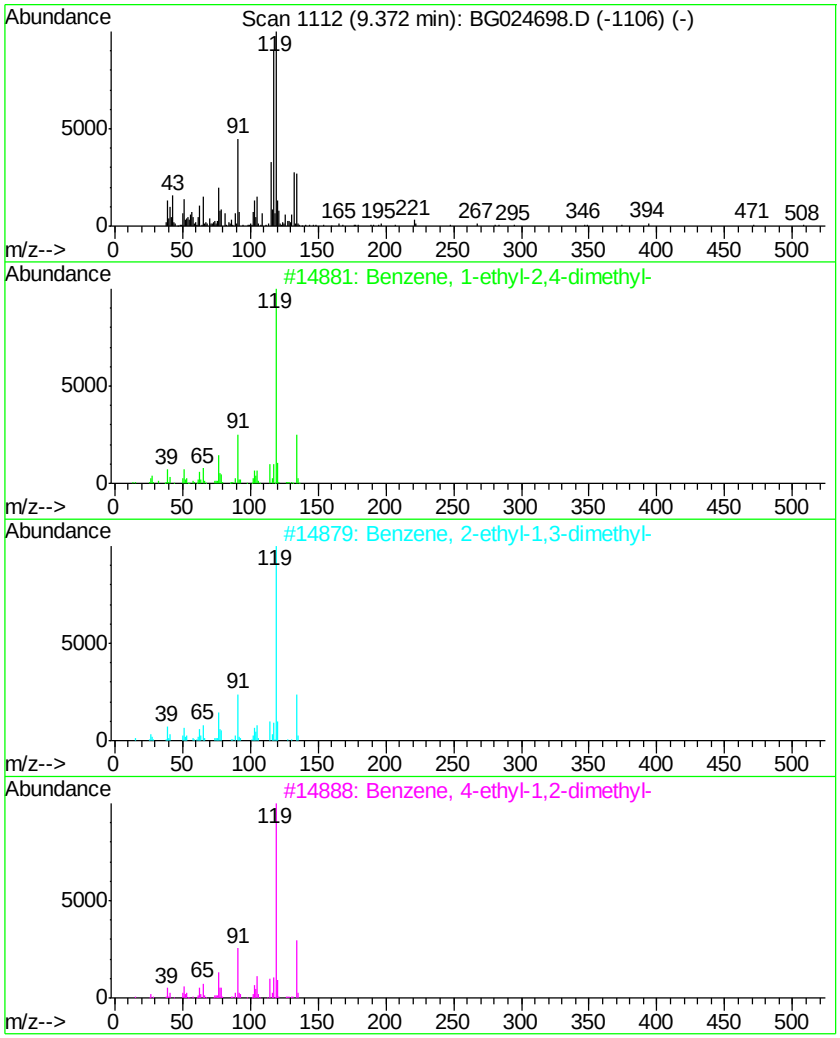
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

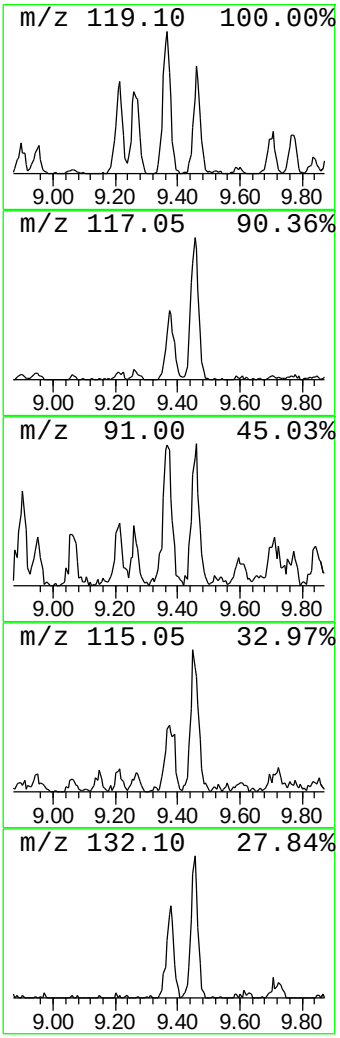
****

Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	11.30 ng	409605	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52





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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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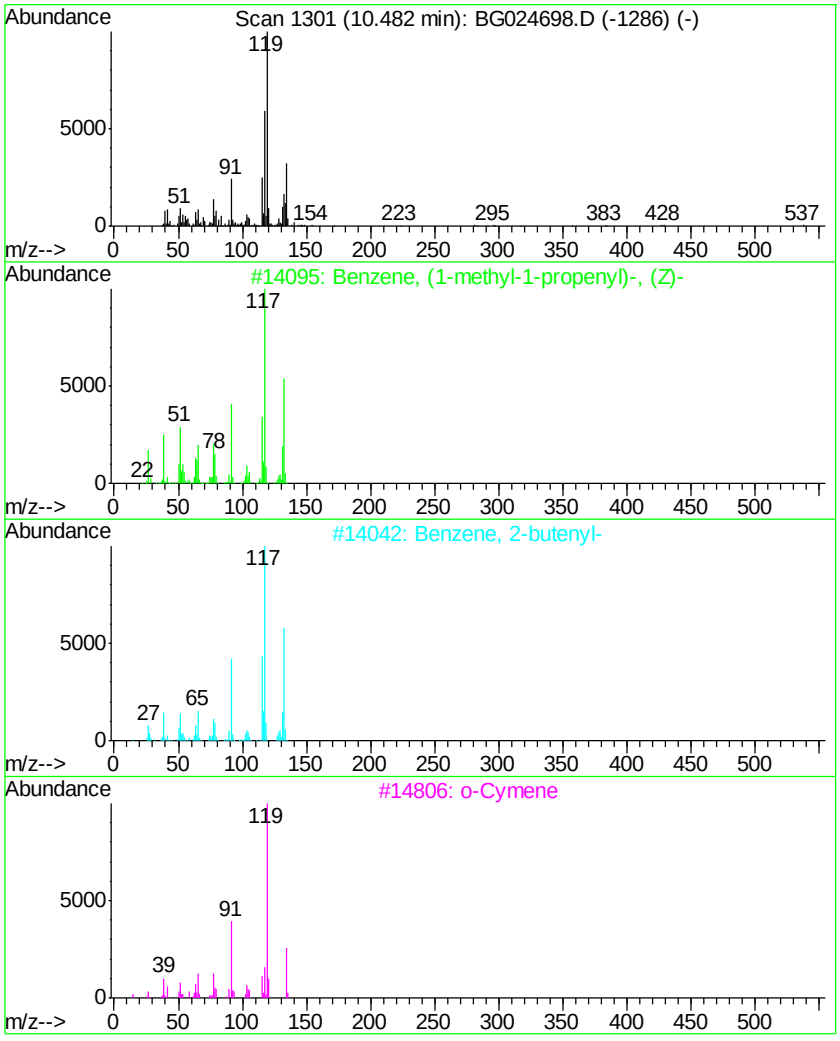
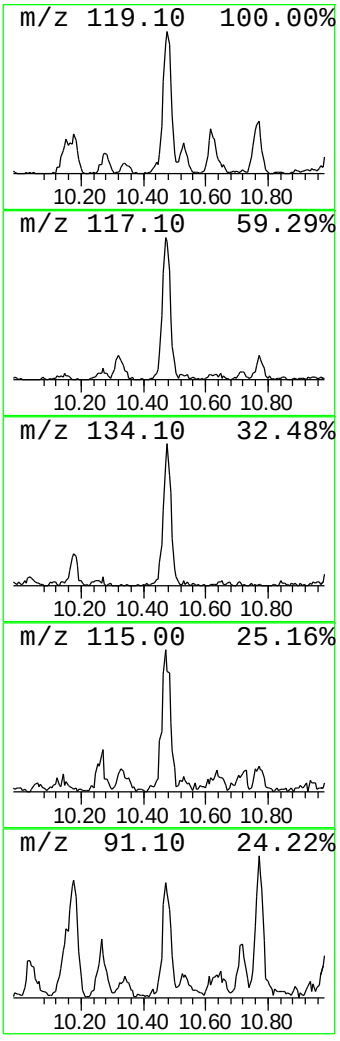
Peak Number 17 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	13.65 ng	877512	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	83
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	p-Cymene	134	C10H14	000099-87-6	60





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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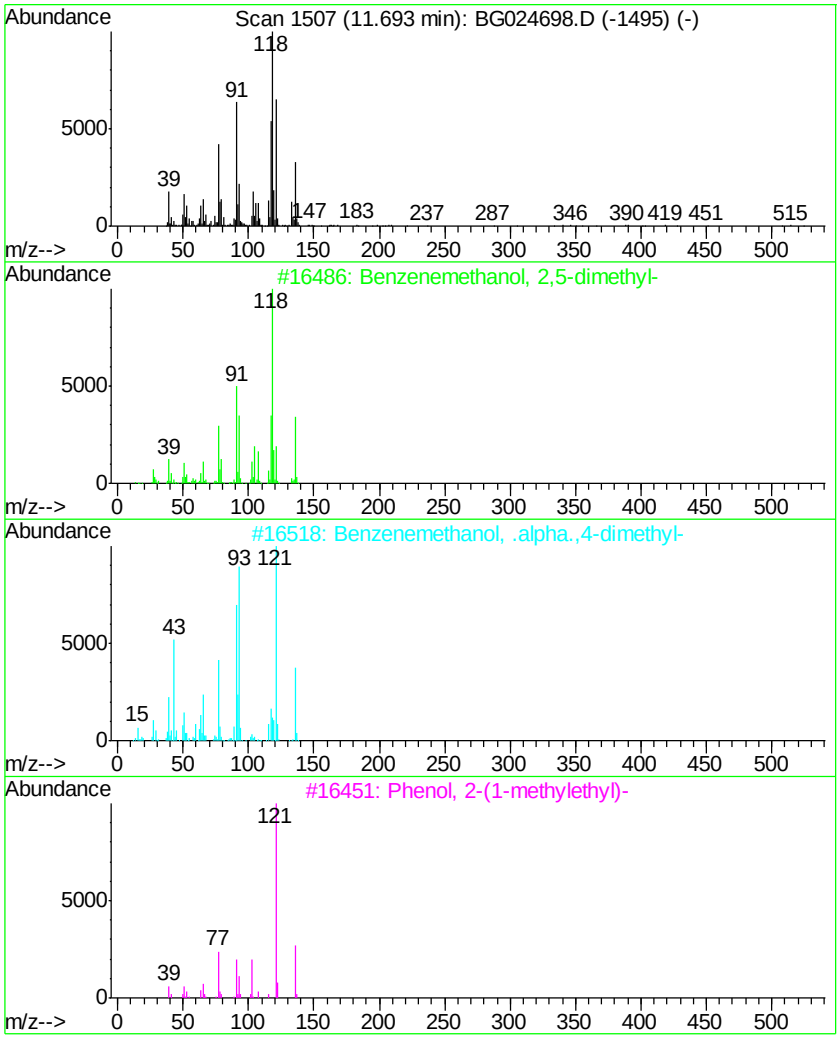
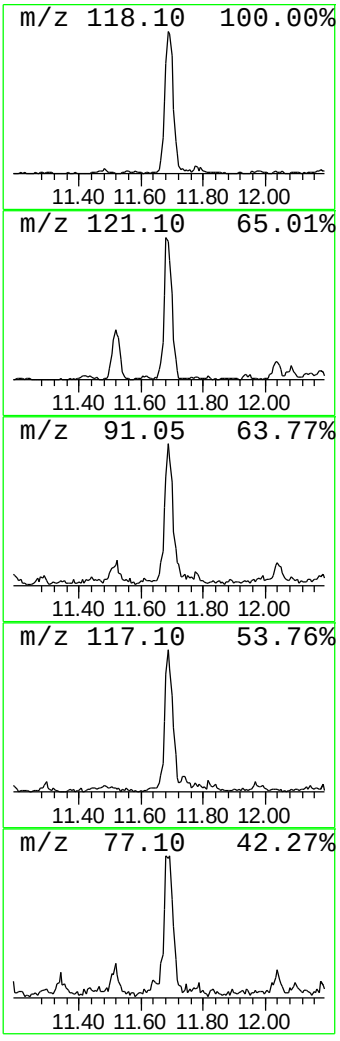
Peak Number 18 unknown11.69 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	17.93 ng	1152940	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,5-dimethyl-	136	C9H12O	053957-33-8	49
2	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	43
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	43
4	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	42
5	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	42





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Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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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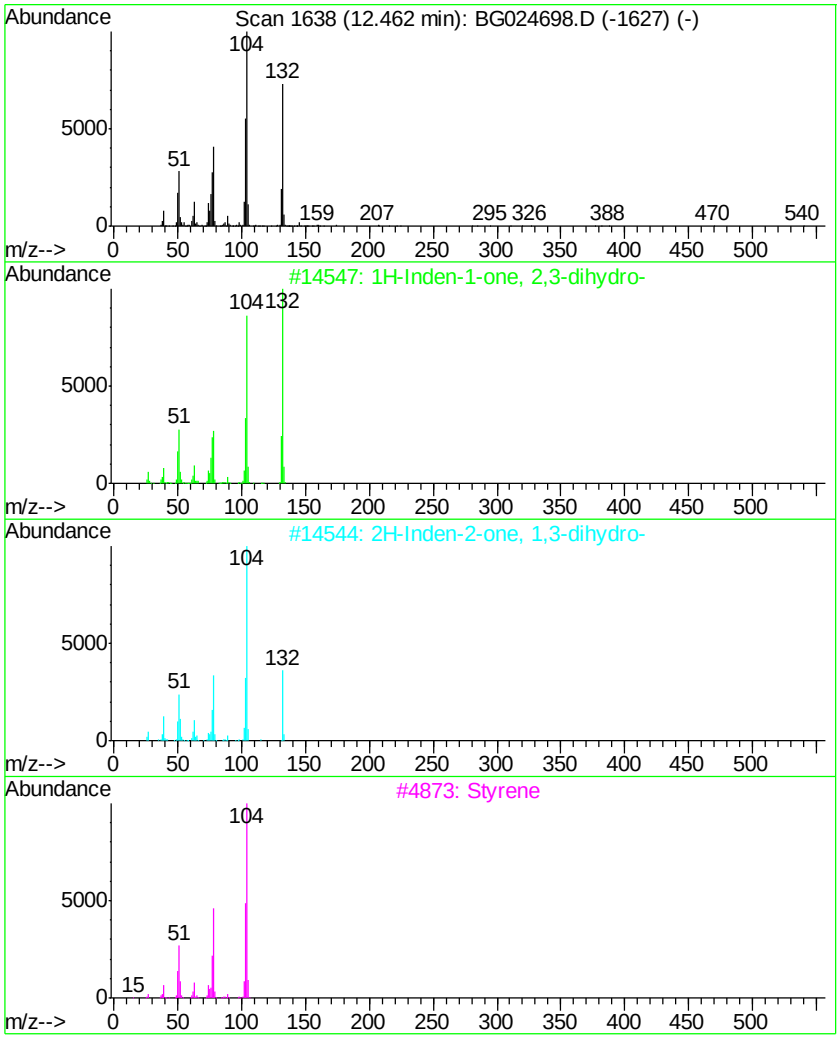
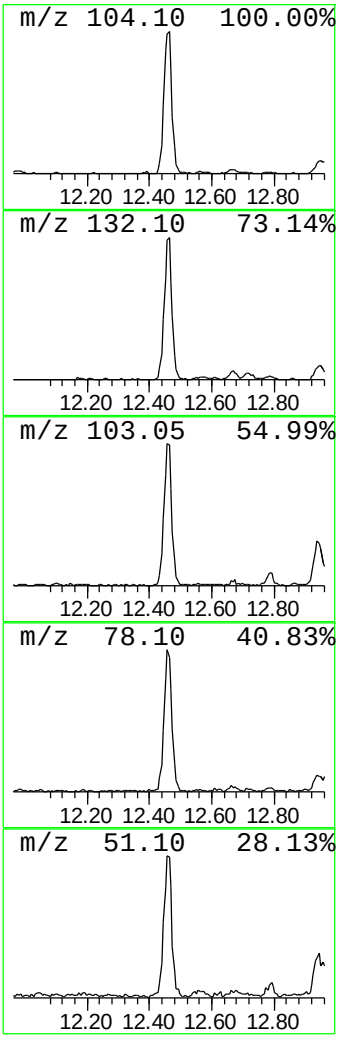
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	26.30 ng	1690570	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	97
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	68
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	58





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

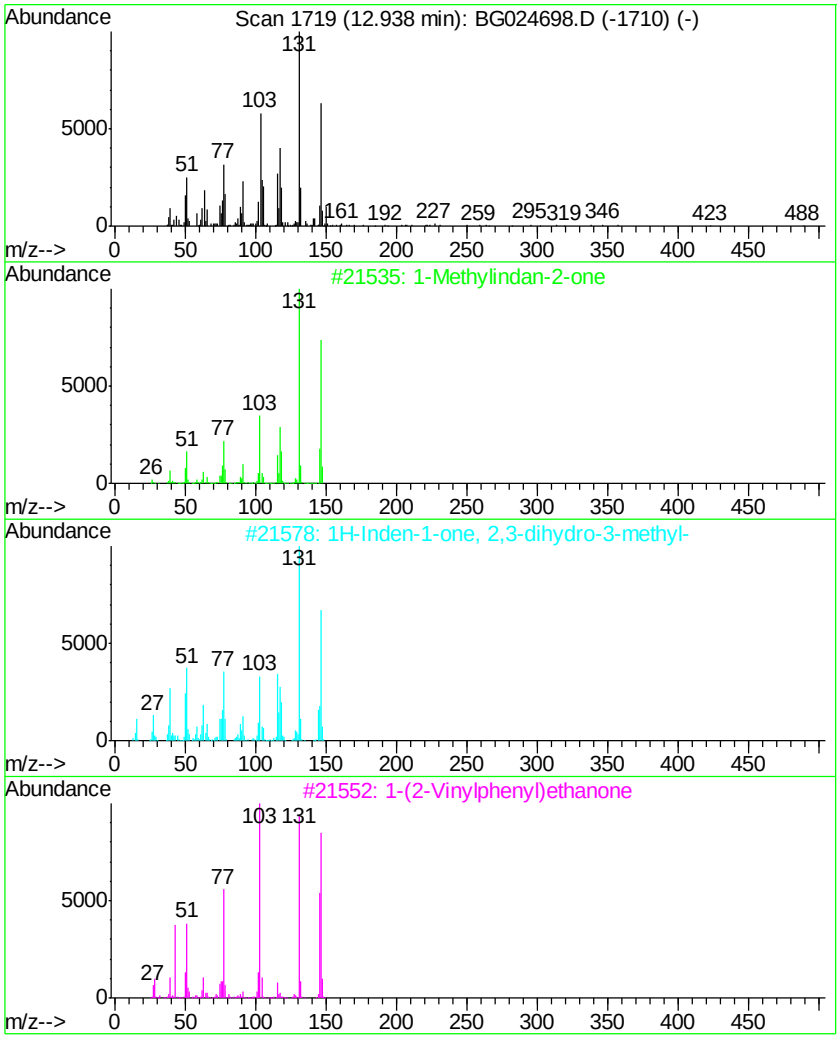
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

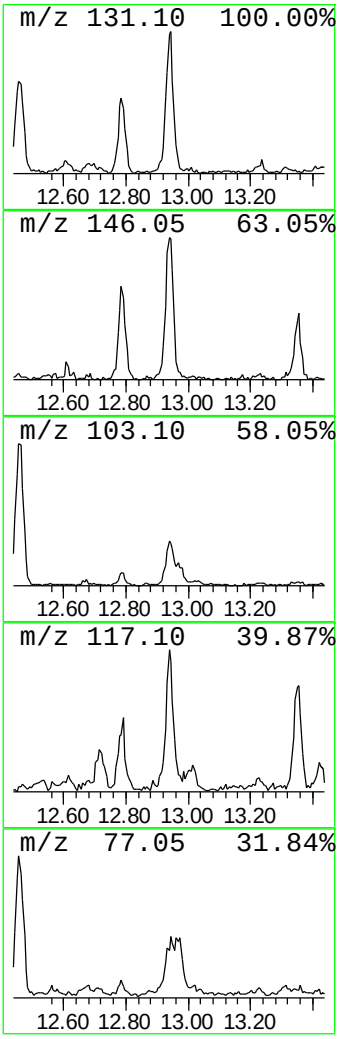
****

Peak Number 20 1-Methylindan-2-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	12.70 ng	816345	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	93
2	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	70
3	1-(2-Vinylphenyl)ethanone	146	C10H10O	052095-40-6	55
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024698.D
Acq On : 5 Nov 2016 5:39
Operator : UM/SJ
Sample : H5531-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0016

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
2-Pentanone, 4-hy...	5.33	11.4	ng	412526	1	8.27	724668	20.0
Cyclohexane, 1,2,...	5.42	11.2	ng	406925	1	8.27	724668	20.0
2,5-Dimethyl-1-py...	6.51	6.9	ng	248479	1	8.27	724668	20.0
Benzene, (1-methy...	6.73	29.0	ng	1050600	1	8.27	724668	20.0
Benzene, propyl-	7.22	19.1	ng	690812	1	8.27	724668	20.0
Benzene, 1-ethyl-...	7.64	51.7	ng	1872910	1	8.27	724668	20.0
unknown7.79	7.79	87.8	ng	3181840	1	8.27	724668	20.0
Benzene, 1,2,3-tr...	7.90	33.6	ng	1216760	1	8.27	724668	20.0
Benzene, 1,2,4-tr...	8.37	15.0	ng	543365	1	8.27	724668	20.0
Indane	8.64	10.0	ng	362780	1	8.27	724668	20.0
Benzene, 1-methyl...	9.06	7.5	ng	270112	1	8.27	724668	20.0
Benzene, 2-ethyl-...	9.27	6.3	ng	227144	1	8.27	724668	20.0
Benzene, 1-ethyl-...	9.37	11.3	ng	409605	1	8.27	724668	20.0
Benzene, (1-methy...	10.48	13.7	ng	877512	2	11.09	1285850	20.0
unknown11.69	11.69	17.9	ng	1152940	2	11.09	1285850	20.0
1H-Inden-1-one, 2...	12.46	26.3	ng	1690570	2	11.09	1285850	20.0
1-Methylindan-2-one	12.94	12.7	ng	816345	2	11.09	1285850	20.0