LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

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-BG010515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.873	25	31	42	rBV	3874313	6701058	39.84%	7.869%
2	2.962	42	46	55	rVB	755164	1066491	6.34%	1.252%
3	3.561	141	148	159	rVB	230655	334420	1.99%	0.393%
4	3.966	208	217	229	rBV	10180270	16820281	100.00%	19.753%
5	5.071	398	405	415	rBV	1149794	1810972	10.77%	2.127%
6	5.265	431	438	446	rVB	2731351	4158197	24.72%	4.883%
7	5.341	446	451	455	rBV	272292	446530	2.65%	0.524%
8	5.400	455	461	469	rVB	4321250	8291273	49.29%	9.737%
9	5.758	514	522	531	rBV	1808956	2799782	16.65%	3.288%
10	6.228	586	602	608	rBV	573399	1001307	5.95%	1.176%
11	6.405	625	632	636	rBV	180795	299388	1.78%	0.352%
12	6.716	676	685	694	rBV	173899	320501	1.91%	0.376%
13	6.828	697	704	708	rVV	203793	340513	2.02%	0.400%
14	6.880	708	713	717	rVV2	118085	228789	1.36%	0.269%
15	6.927	717	721	723	rVV	186705	298742	1.78%	0.351%
16	6.957	723	726	731	rVB2	217265	336611	2.00%	0.395%
17	7.121	749	754	758	rBV	136521	211067	1.25%	0.248%
18	7.192	762	766	770	rVB	188277	254296	1.51%	0.299%
19	7.280	775	781	791	rVV2	602775	1186656	7.05%	1.394%
20	7.380	791	798	804	rVV	580659	1000102	5.95%	1.174%
21	7.433	804	807	812	rVB2	139878	196302	1.17%	0.231%
22	7.732	848	858	869	rBV6	187211	605259	3.60%	0.711%
23	7.844	869	877	886	rVV	241825	416788	2.48%	0.489%
24	7.926	886	891	897	rVB	165867	256868	1.53%	0.302%
25	8.050	904	912	917	rBV	552253	1004411	5.97%	1.180%
26	8.103	917	921	925	rVB2	187154	311165	1.85%	0.365%
27	8.161	925	931	936	rBV	610015	931703	5.54%	1.094%
28	8.361	956	965	976	rBV	903940	1590810	9.46%	1.868%
29	8.514	984	991	1002	rBV4	225916	516053	3.07%	0.606%
30	8.890	1049	1055	1063	rVV	455415	839767	4.99%	0.986%
31	8.960	1063	1067	1077	rVV6	113285	241951	1.44%	0.284%
32	9.043	1077	1081	1086	rVV	165326	309329	1.84%	0.363%
33	9.101	1086	1091	1094	rVV2	111230	235817	1.40%	0.277%
34	9.142	1094	1098	1105	rVV	324516	556382	3.31%	0.653%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

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-BG010515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.889	1212	1225	1228	rBV3	190744	477881	2.84%	0.561%
36	9.930	1228	1232	1241	rVB5	279374	552805	3.29%	0.649%
37	10.024	1241	1248	1253	rBV	302140	468928	2.79%	0.551%
38	10.517	1326	1332	1336	rBV2	151692	268712	1.60%	0.316%
39	10.570	1336	1341	1347	rVV	438204	771392	4.59%	0.906%
40	10.647	1351	1354	1372	rVB5	125111	358402	2.13%	0.421%
41	10.917	1390	1400	1407	rVB6	166733	465950	2.77%	0.547%
42	11.111	1428	1433	1439	rBV2	160303	261010	1.55%	0.307%
43	11.522	1496	1503	1512	rBV8	213821	543907	3.23%	0.639%
44	11.616	1512	1519	1524	rBV	489597	863090	5.13%	1.014%
45	11.875	1553	1563	1571	rBV2	2113435	3562233	21.18%	4.183%
46	12.180	1610	1615	1621	rVB2	116026	190717	1.13%	0.224%
47	12.374	1639	1648	1651	rBV2	118767	293748	1.75%	0.345%
48	12.433	1653	1658	1664	rVB	594830	893093	5.31%	1.049%
49	12.909	1735	1739	1743	rVV	157142	214341	1.27%	0.252%
50	12.991	1743	1753	1761	rVB	1276224	2066764	12.29%	2.427%
51	13.273	1796	1801	1811	rVB	160477	277257	1.65%	0.326%
52	13.902	1898	1908	1918	rVB2	630464	1438198	8.55%	1.689%
53	14.154	1942	1951	1955	rBV2	130371	257028	1.53%	0.302%
54	14.372	1979	1988	1991	rBV2	305680	566242	3.37%	0.665%
55	14.401	1991	1993	2003	rVB3	162006	277836	1.65%	0.326%
56	15.118	2110	2115	2121	rBV2	139680	218656	1.30%	0.257%
57	15.382	2155	2160	2166	rVB	191100	253981	1.51%	0.298%
58	15.635	2199	2203	2206	rBV	194456	259353	1.54%	0.305%
59	15.794	2225	2230	2237	rBV3	142263	228941	1.36%	0.269%
60	15.864	2237	2242	2253	rVB2	1308797	2260749	13.44%	2.655%
61	16.081	2270	2279	2283	rBV2	293738	549018	3.26%	0.645%
62	16.422	2326	2337	2342	rBV3	303319	559981	3.33%	0.658%
63	17.080	2445	2449	2452	rBV	399494	570980	3.39%	0.671%
64	17.115	2452	2455	2461	rVB2	382779	504944	3.00%	0.593%
65	17.756	2559	2564	2570	rBV	174306	258385	1.54%	0.303%
66	17.821	2570	2575	2578	rBV3	131748	205753	1.22%	0.242%
67	18.167	2628	2634	2639	rVB	336636	484095	2.88%	0.568%
68	18.267	2644	2651	2653	rVV	302198	474089	2.82%	0.557%
69	18.320	2653	2660	2665	rVB	529854	965394	5.74%	1.134%
70	19.231	2810	2815	2822	rVB4	210396	288406	1.71%	0.339%
71	19.577	2869	2874	2881	rBV	297830	529795	3.15%	0.622%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

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-BG010515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.748	2896	2903	2911	rBV	2404663	3212643	19.10%	3.773%
73	19.906	2924	2930	2932	rBV2	103408	192746	1.15%	0.226%
74	20.018	2945	2949	2958	rVB2	144363	263151	1.56%	0.309%
75	20.394	3010	3013	3022	rVB3	146515	230772	1.37%	0.271%
76	21.299	3162	3167	3173	rVV	530385	674359	4.01%	0.792%
77	21.416	3183	3187	3192	rBV	386639	491930	2.92%	0.578%
78	23.567	3547	3553	3564	rVB	221332	487207	2.90%	0.572%

Sum of corrected areas: 85154443

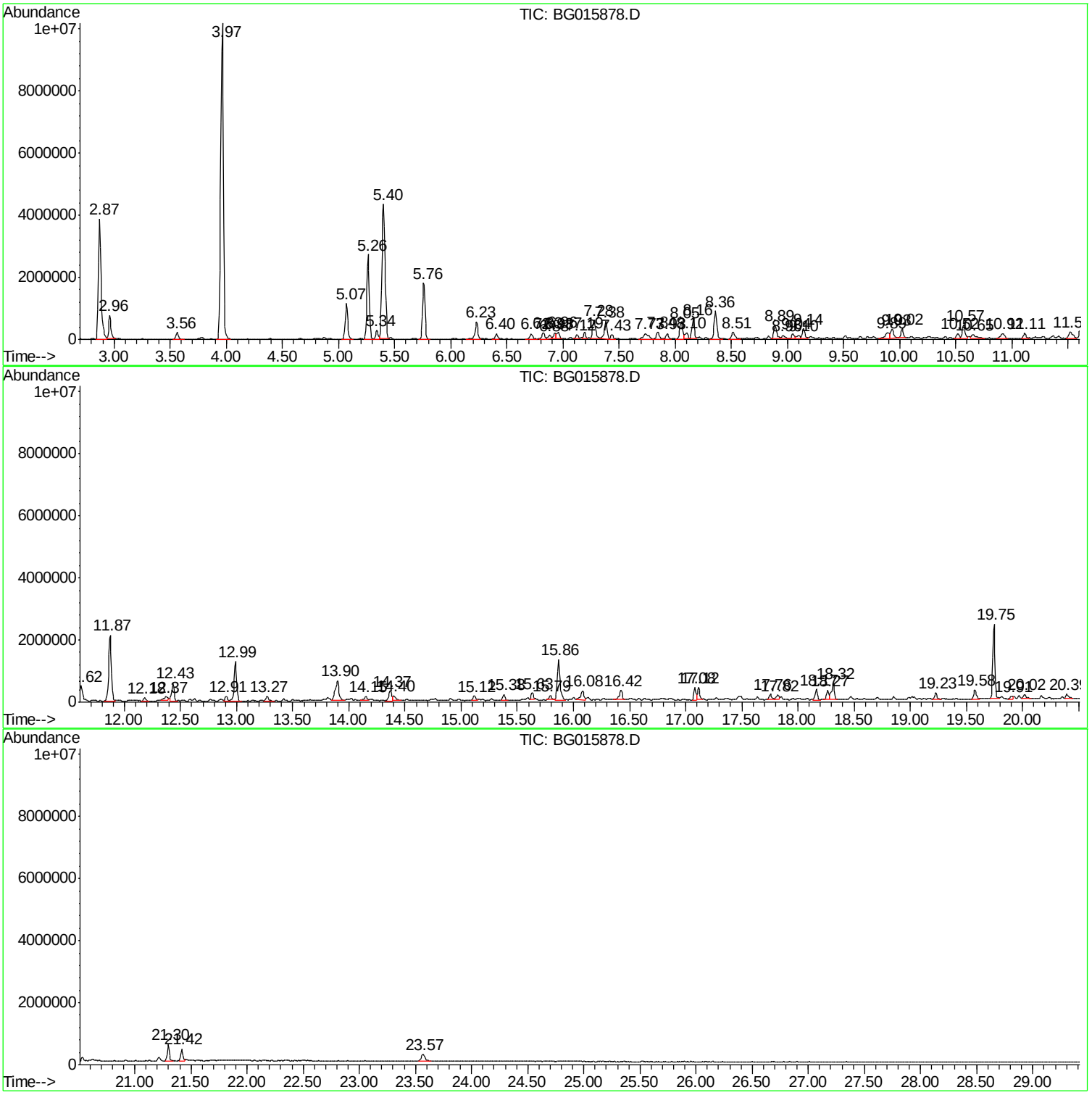
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

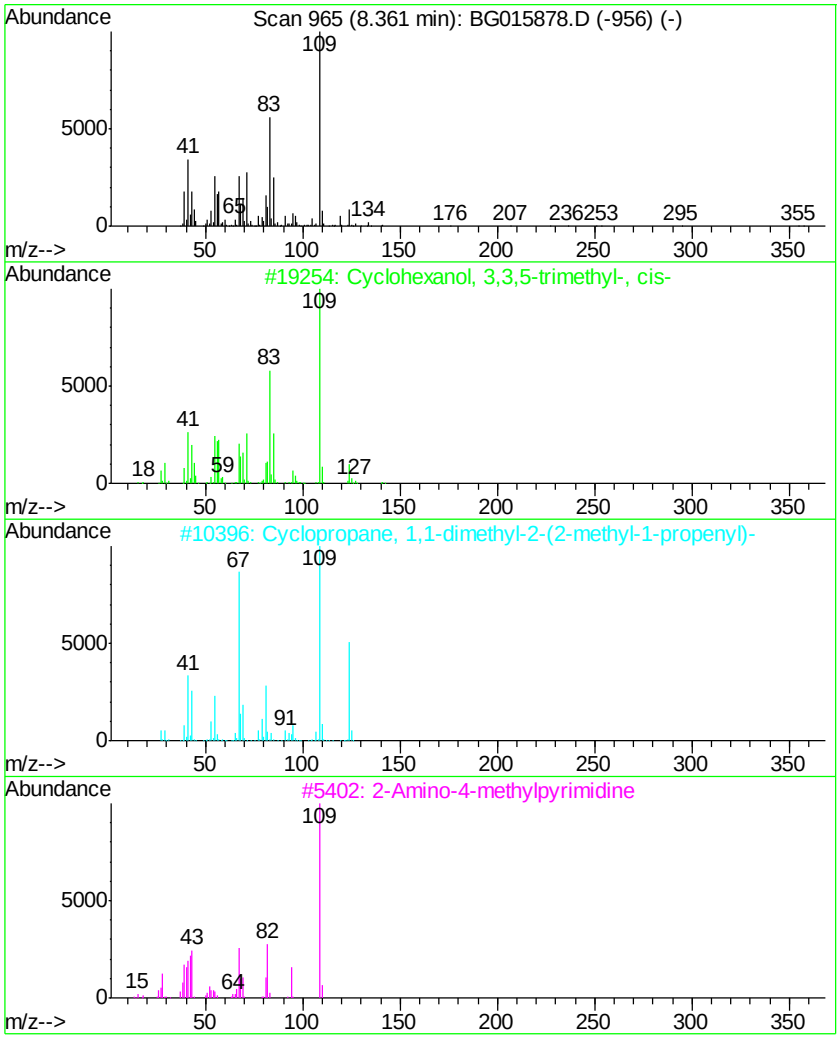
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

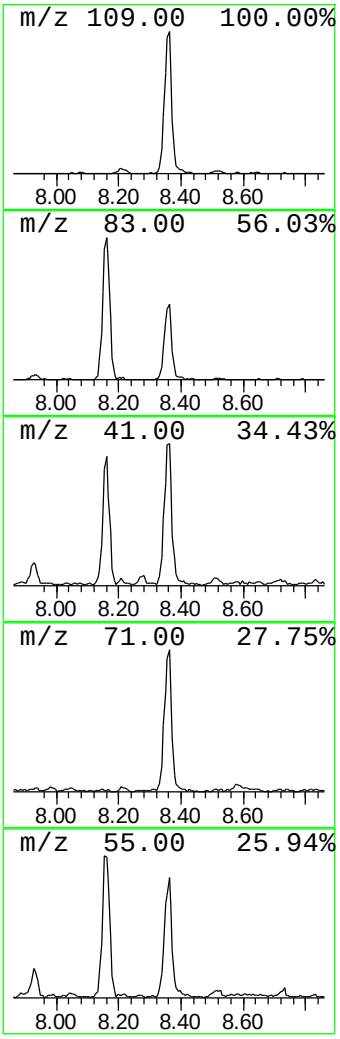
****

Peak Number 7 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	52.57 ng	1590810	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	87
2	Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	43
3	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	38
4	3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	38
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

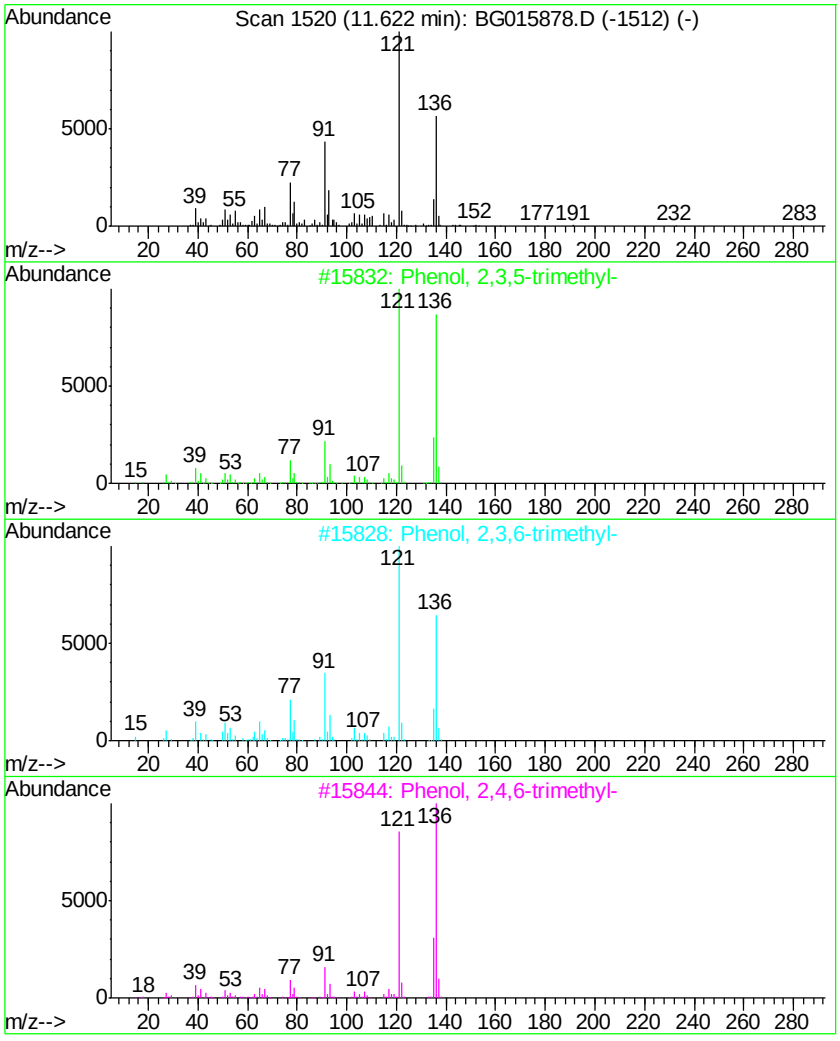
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

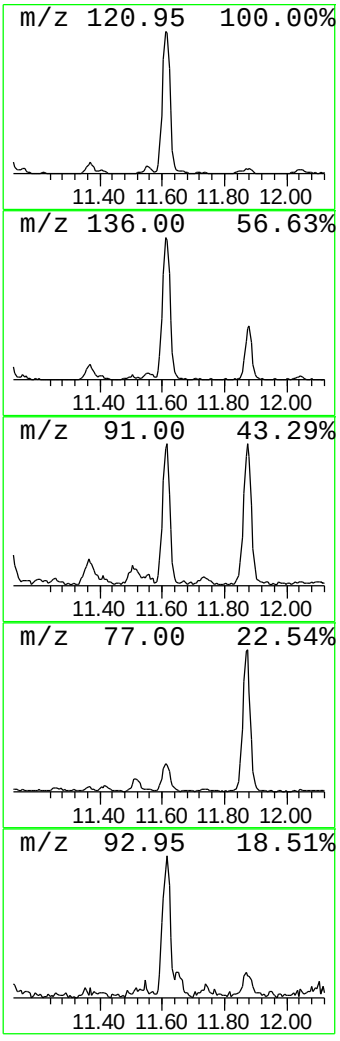
****

Peak Number 8 Phenol, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	64.24 ng	863090	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	96
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	95
4	2,4-Dimethylanisole	136	C9H12O	006738-23-4	90
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

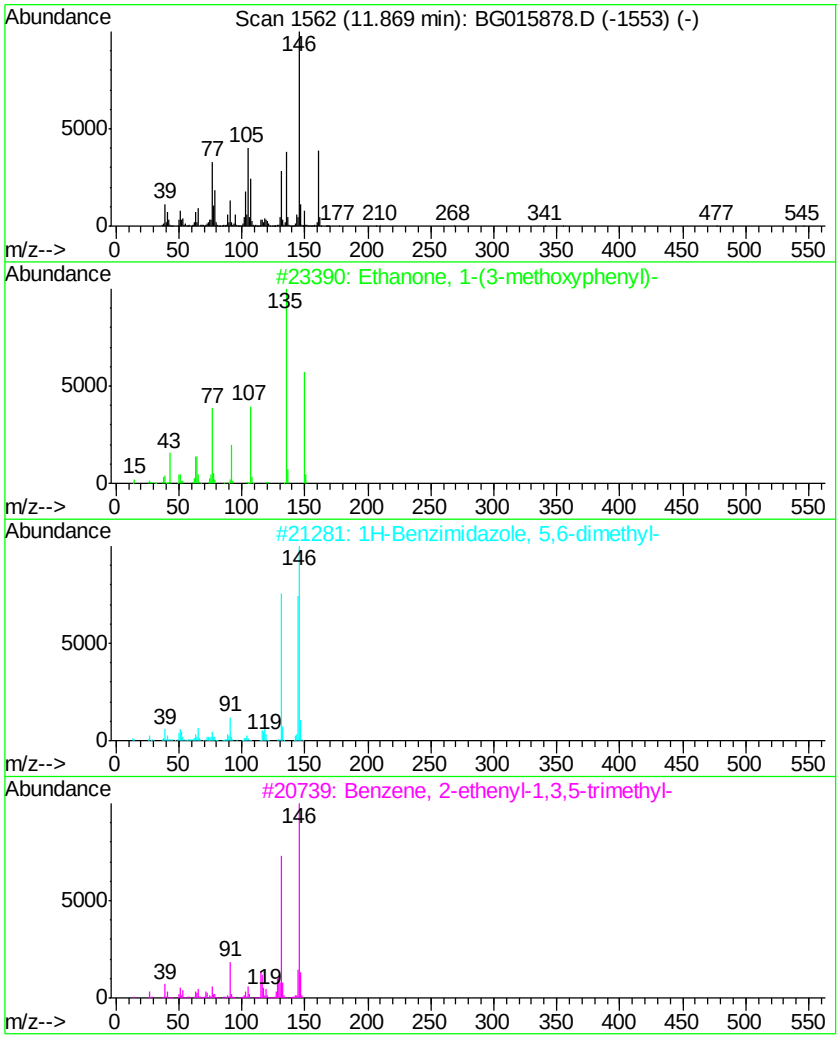
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

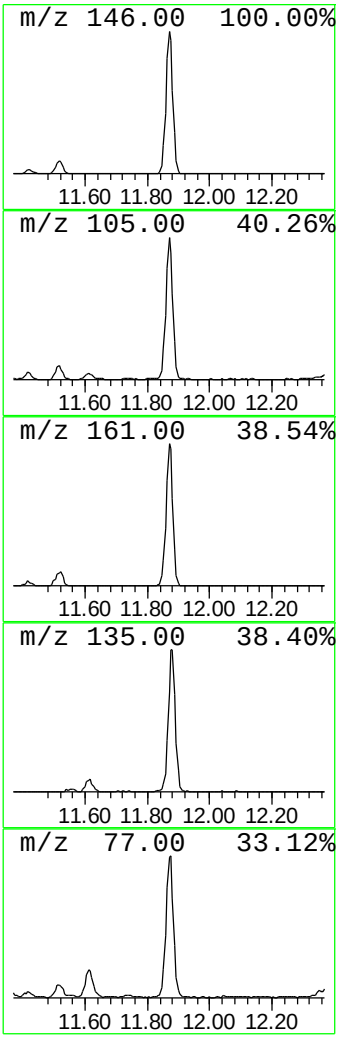
****

Peak Number 9 unknown11.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	265.13 ng	3562230	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-methoxyphenyl)-	150	C9H10O2	000586-37-8	38
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	30
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	30
4	Isoquinoline, 1,2,3,4-tetrahydro...	161	C11H15N	014429-09-5	27
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

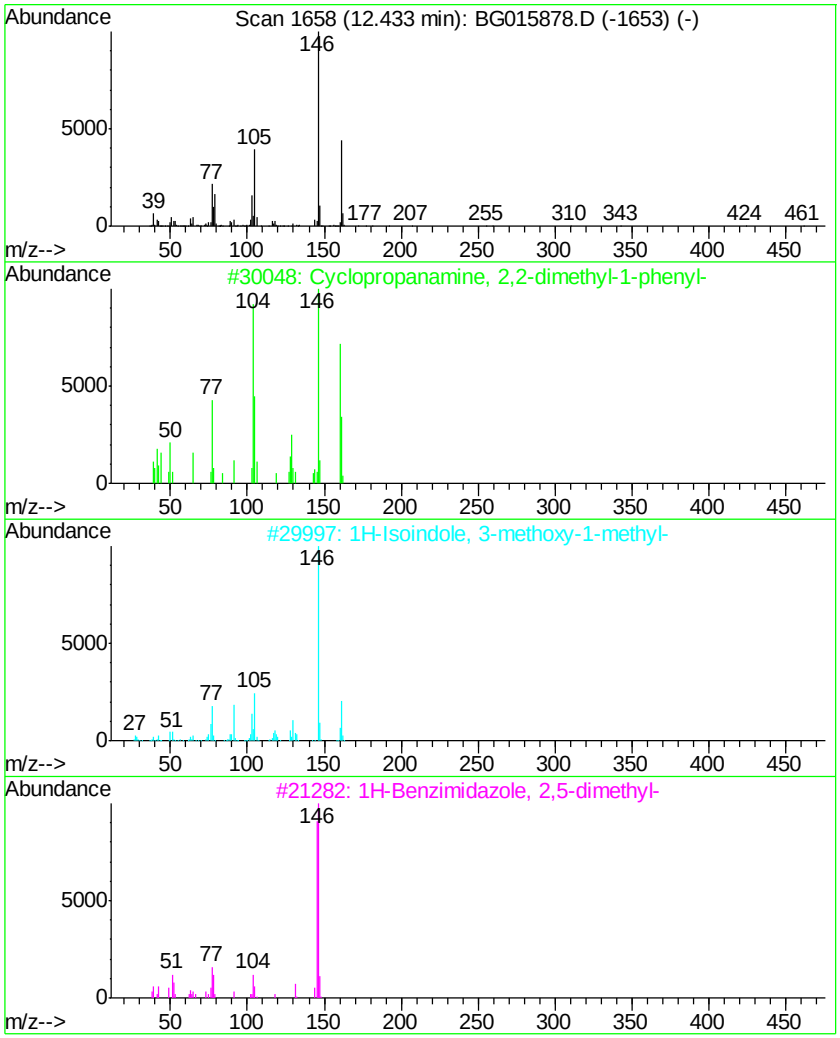
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

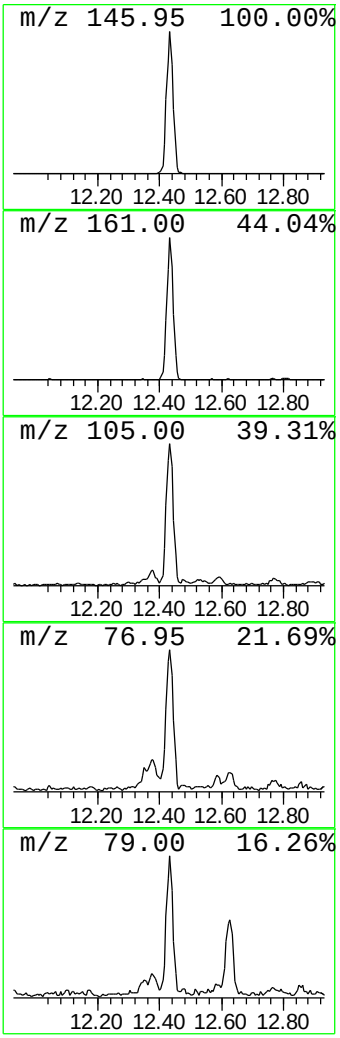
****

Peak Number 10 unknown12.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	66.47 ng	893093	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanamine, 2,2-dimethyl-1...	161	C11H15N	109296-40-4	45
2	1H-Isoindole, 3-methoxy-1-methyl-	161	C10H11NO	083889-38-7	40
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	40
4	3-Isocyanatoacetophenone	161	C9H7NO2	023138-64-9	36
5	8-Quinazolinol	146	C8H6N2O	007557-02-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015878.D
Acq On : 9 Jan 2015 20:04
Operator : TP/IZ
Sample : G1044-05
Misc : W
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-9970

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexanol, 3,3...	8.36	52.6	ng	1590810	1	7.73	605259	20.0
Phenol, 2,3,5-tri...	11.62	64.2	ng	863090	2	10.52	268712	20.0
unknown11.87	11.87	265.1	ng	3562230	2	10.52	268712	20.0
unknown12.43	12.43	66.5	ng	893093	2	10.52	268712	20.0