LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

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-BG060616.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	3	6	23	rVB	851326	1298780	100.00%	9.797%
2	4.694	308	316	325	rBV2	26501	51406	3.96%	0.388%
3	5.105	380	386	395	rVB	22856	44109	3.40%	0.333%
4	5.505	449	454	461	rVB2	8569	13632	1.05%	0.103%
5	5.605	464	471	489	rBV	285005	633430	48.77%	4.778%
6	6.016	535	541	551	rVB2	25555	49097	3.78%	0.370%
7	7.003	701	709	715	rBV	21991	42000	3.23%	0.317%
8	7.109	721	727	732	rBV	54296	97500	7.51%	0.735%
9	7.167	732	737	742	rVV	41164	79964	6.16%	0.603%
10	7.232	742	748	761	rVV	332692	680746	52.41%	5.135%
11	7.326	761	764	772	rVB9	5823	14227	1.10%	0.107%
12	7.414	774	779	786	rBV	25563	46707	3.60%	0.352%
13	7.579	800	807	814	rBV	374353	709974	54.66%	5.355%
14	7.638	814	817	819	rVV	38394	56344	4.34%	0.425%
15	7.679	819	824	831	rVB	97554	180184	13.87%	1.359%
16	7.937	858	868	873	rBV9	6682	20643	1.59%	0.156%
17	7.996	873	878	880	rVV3	12082	22259	1.71%	0.168%
18	8.043	880	886	898	rVV	110413	233348	17.97%	1.760%
19	8.149	898	904	912	rVV2	49336	101589	7.82%	0.766%
20	8.366	934	941	953	rVB	288234	567656	43.71%	4.282%
21	8.525	964	968	971	rBV2	10600	18078	1.39%	0.136%
22	8.583	972	978	988	rVB	51780	104547	8.05%	0.789%
23	8.677	988	994	1000	rBV3	53642	109058	8.40%	0.823%
24	8.842	1017	1022	1033	rVV2	18094	45886	3.53%	0.346%
25	8.995	1042	1048	1051	rBV3	10058	16754	1.29%	0.126%
26	9.042	1051	1056	1062	rVB2	15159	26133	2.01%	0.197%
27	9.142	1062	1073	1079	rBV6	41182	98349	7.57%	0.742%
28	9.218	1079	1086	1103	rVB	206882	501721	38.63%	3.785%
29	9.383	1105	1114	1123	rBV	22471	65167	5.02%	0.492%
30	9.477	1124	1130	1137	rBV3	11466	27323	2.10%	0.206%
31	9.670	1159	1163	1168	rVB2	10877	16863	1.30%	0.127%
32	9.729	1168	1173	1185	rVB2	19649	46076	3.55%	0.348%
33	10.041	1219	1226	1234	rBV7	12613	35776	2.75%	0.270%
34	10.193	1244	1252	1256	rBV6	9049	21051	1.62%	0.159%

LSC Area Percent Report

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Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.252	1256	1262	1269	rVV2	32172	70789	5.45%	0.534%
36	10.305	1269	1271	1276	rVB3	8916	13223	1.02%	0.100%
37	10.417	1283	1290	1292	rBV4	7906	15568	1.20%	0.117%
38	10.552	1306	1313	1320	rVB2	14412	31389	2.42%	0.237%
39	10.793	1346	1354	1355	rBV6	10578	14397	1.11%	0.109%
40	10.863	1359	1366	1371	rVV	179036	360183	27.73%	2.717%
41	10.910	1371	1374	1382	rVB	34762	63992	4.93%	0.483%
42	11.856	1526	1535	1538	rBV6	5787	15201	1.17%	0.115%
43	12.244	1597	1601	1611	rVB6	9721	19796	1.52%	0.149%
44	12.514	1642	1647	1654	rBV	14533	22406	1.73%	0.169%
45	12.667	1666	1673	1679	rBV2	12616	25402	1.96%	0.192%
46	12.732	1679	1684	1690	rVB2	10486	18633	1.43%	0.141%
47	13.301	1773	1781	1795	rBV	655113	1108419	85.34%	8.361%
48	13.484	1807	1812	1824	rVB7	7563	18124	1.40%	0.137%
49	14.001	1895	1900	1905	rBV4	6971	13911	1.07%	0.105%
50	14.130	1915	1922	1929	rBV	71016	119122	9.17%	0.899%
51	14.412	1964	1970	1977	rBV	15649	33998	2.62%	0.256%
52	14.547	1988	1993	1999	rBV2	13159	18224	1.40%	0.137%
53	14.682	2009	2016	2024	rVB2	276131	475663	36.62%	3.588%
54	14.994	2064	2069	2071	rBV3	9174	13631	1.05%	0.103%
55	15.070	2079	2082	2092	rVB6	7003	14020	1.08%	0.106%
56	15.452	2141	2147	2151	rBV7	7213	13109	1.01%	0.099%
57	15.499	2151	2155	2160	rVB	18921	26174	2.02%	0.197%
58	15.893	2214	2222	2227	rBV6	6339	14028	1.08%	0.106%
59	16.175	2264	2270	2281	rBV	354888	599455	46.16%	4.522%
60	16.357	2296	2301	2304	rBV3	21160	39254	3.02%	0.296%
61	16.498	2319	2325	2330	rBV	11519	19957	1.54%	0.151%
62	16.556	2330	2335	2341	rVV3	8741	20560	1.58%	0.155%
63	16.615	2341	2345	2350	rVV3	9787	15883	1.22%	0.120%
64	16.821	2374	2380	2384	rBV6	10072	17722	1.36%	0.134%
65	16.880	2387	2390	2395	rVB	10711	15283	1.18%	0.115%
66	17.085	2421	2425	2430	rBV5	8959	13783	1.06%	0.104%
67	17.144	2432	2435	2441	rBV4	15860	26437	2.04%	0.199%
68	17.426	2476	2483	2488	rBV2	285065	484926	37.34%	3.658%
69	17.467	2488	2490	2497	rVB	46693	65819	5.07%	0.496%
70	17.561	2502	2506	2512	rVV2	12226	20032	1.54%	0.151%
71	17.884	2558	2561	2567	rVB5	10891	15575	1.20%	0.117%

LSC Area Percent Report

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Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.296	2626	2631	2635	rBV2	15520	29374	2.26%	0.222%
73	18.348	2637	2640	2647	rVB3	20062	37884	2.92%	0.286%
74	18.490	2659	2664	2669	rBV4	18382	38835	2.99%	0.293%
75	18.531	2669	2671	2675	rVB2	11859	14108	1.09%	0.106%
76	18.578	2675	2679	2682	rBV6	8374	14814	1.14%	0.112%
77	18.789	2711	2715	2721	rBV4	11403	20371	1.57%	0.154%
78	18.848	2721	2725	2731	rVB5	12627	20525	1.58%	0.155%
79	19.200	2781	2785	2791	rBV3	25272	40955	3.15%	0.309%
80	19.353	2805	2811	2814	rBV6	15225	30298	2.33%	0.229%
81	19.471	2825	2831	2837	rBV	159798	244163	18.80%	1.842%
82	19.700	2865	2870	2875	rBV2	36029	46584	3.59%	0.351%
83	19.835	2885	2893	2900	rVB	150898	259366	19.97%	1.956%
84	20.023	2919	2925	2931	rBV	736853	1033929	79.61%	7.799%
85	20.734	3043	3046	3051	rVB4	29672	40681	3.13%	0.307%
86	21.086	3103	3106	3114	rVB	27320	42817	3.30%	0.323%
87	21.298	3140	3142	3149	rVB5	43749	70485	5.43%	0.532%
88	21.692	3201	3209	3214	rBV3	272451	615663	47.40%	4.644%
89	23.901	3579	3585	3602	rVB	85809	349444	26.91%	2.636%
90	24.935	3753	3761	3776	rBV2	111782	336207	25.89%	2.536%

Sum of corrected areas: 13256968

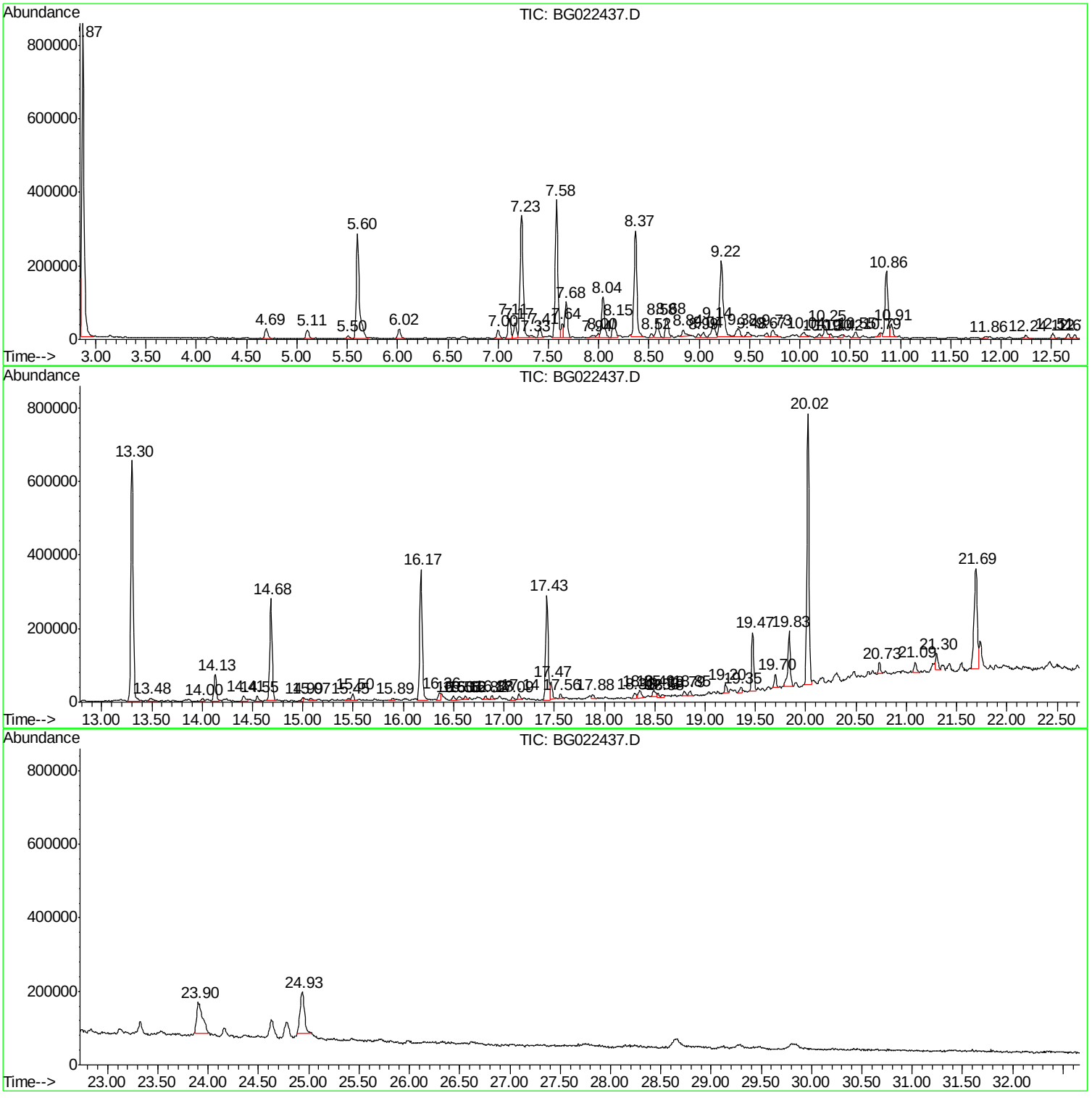
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

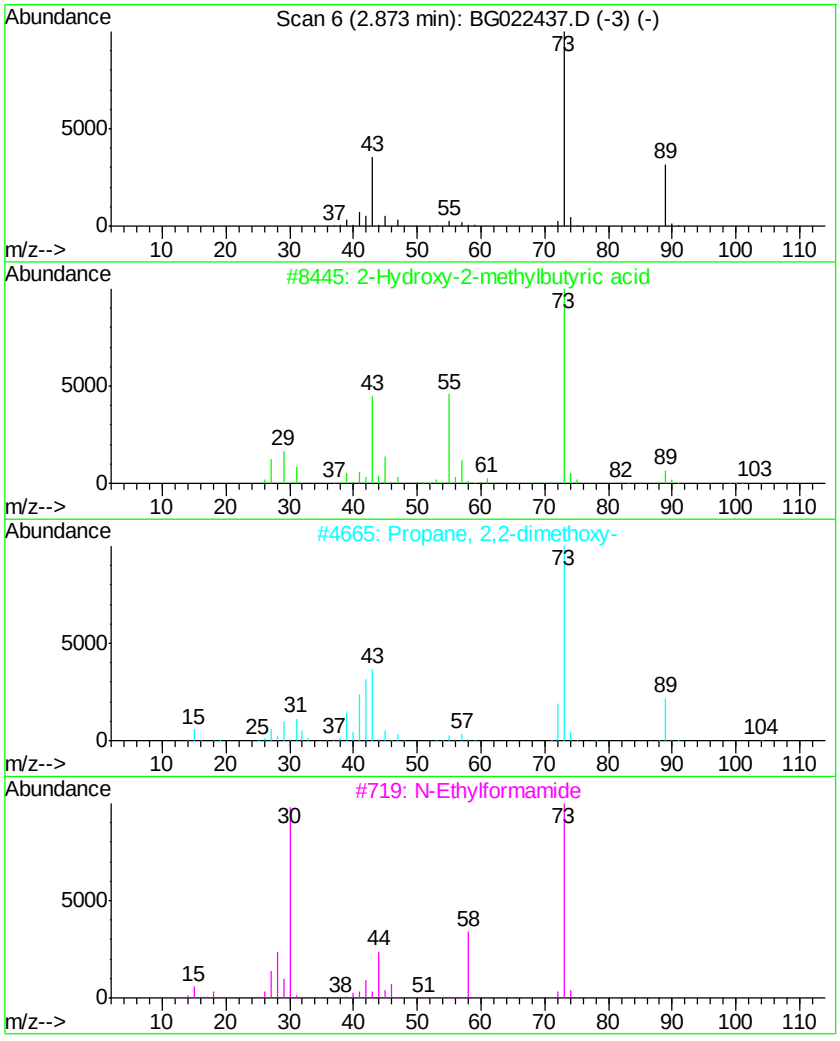
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

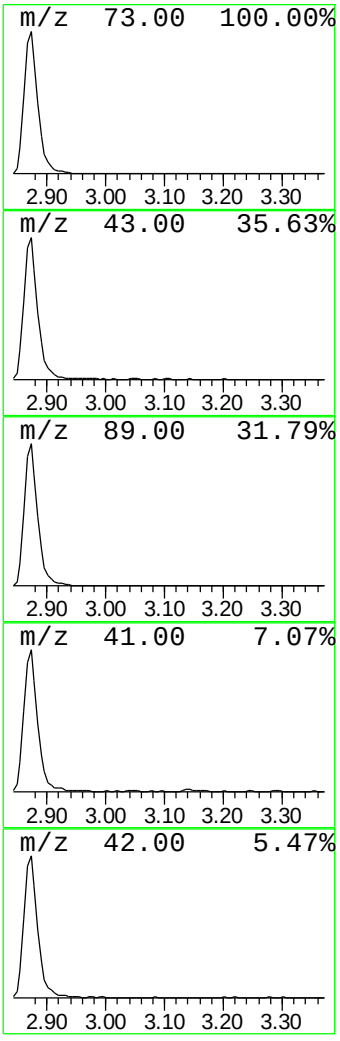
****

Peak Number 1 unknown2.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	111.32 ng	1298780	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

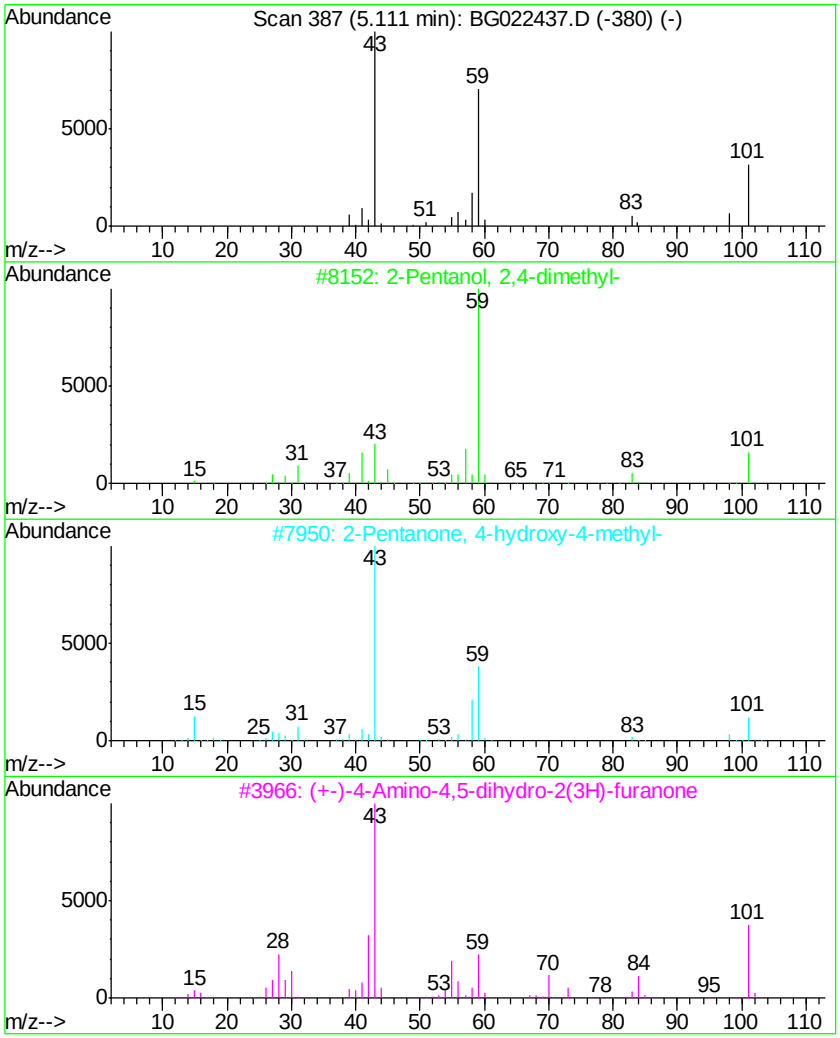
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

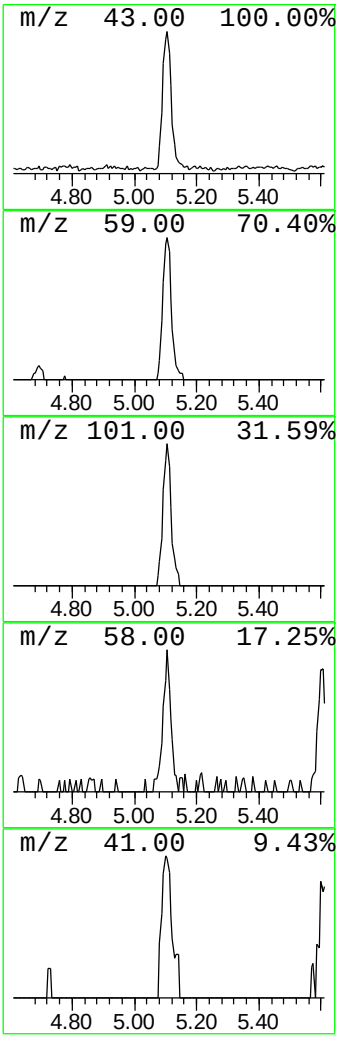
****

Peak Number 3 2-Pentanol, 2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	3.78 ng	44109	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

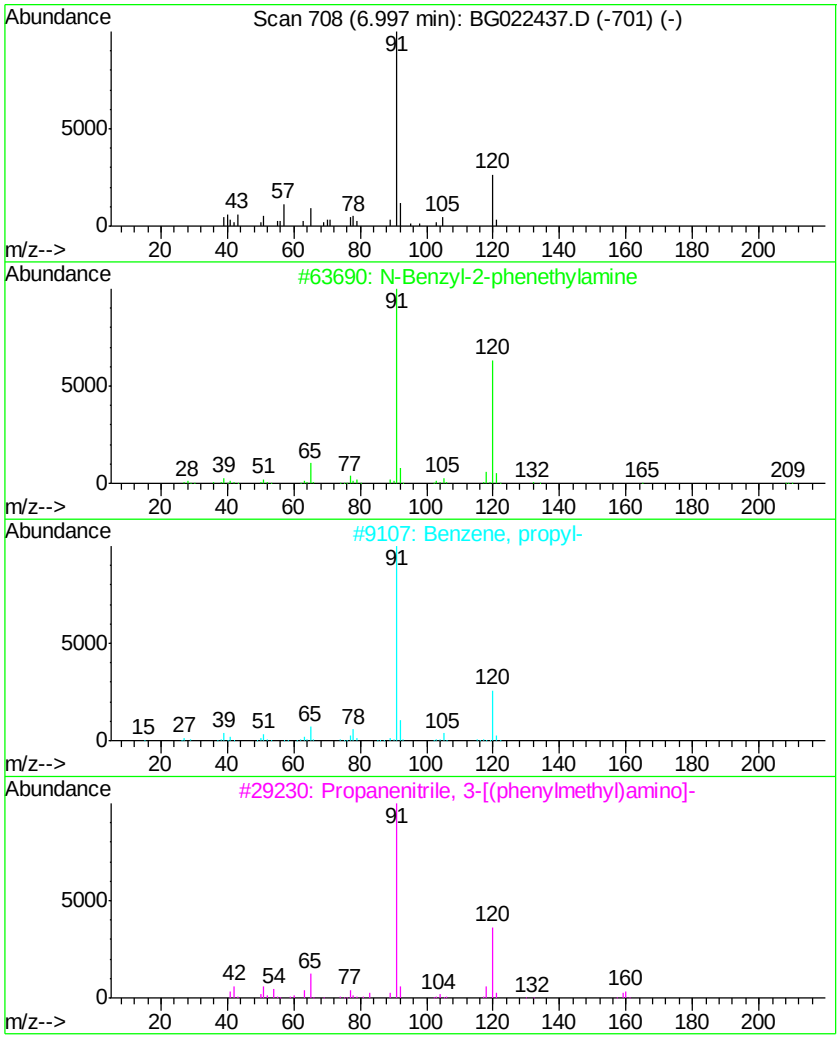
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

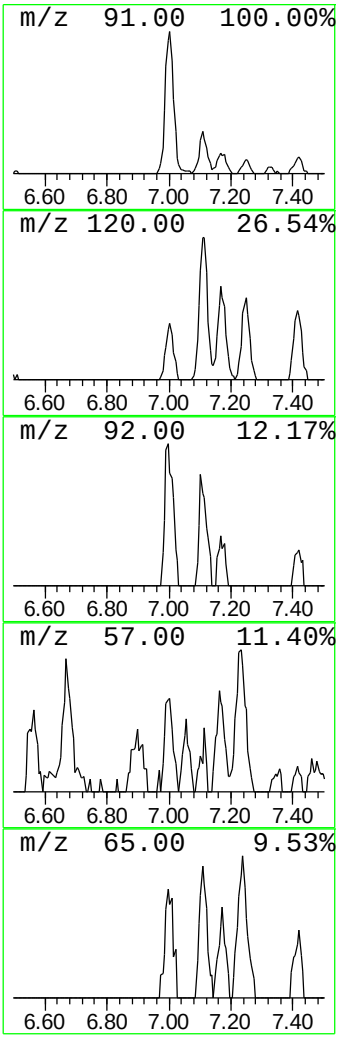
****

Peak Number 5 N-Benzyl-2-phenethylamine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	3.60 ng	42000	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
2	Benzene, propyl-	120	C9H12	000103-65-1	49
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	42
4	2,4-Difluorobenzene, 1-benzyloxy-	220	C13H10F2O	152434-86-1	38
5	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	27





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Operator : UM/SJ
Sample : H3471-25
Misc :
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Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

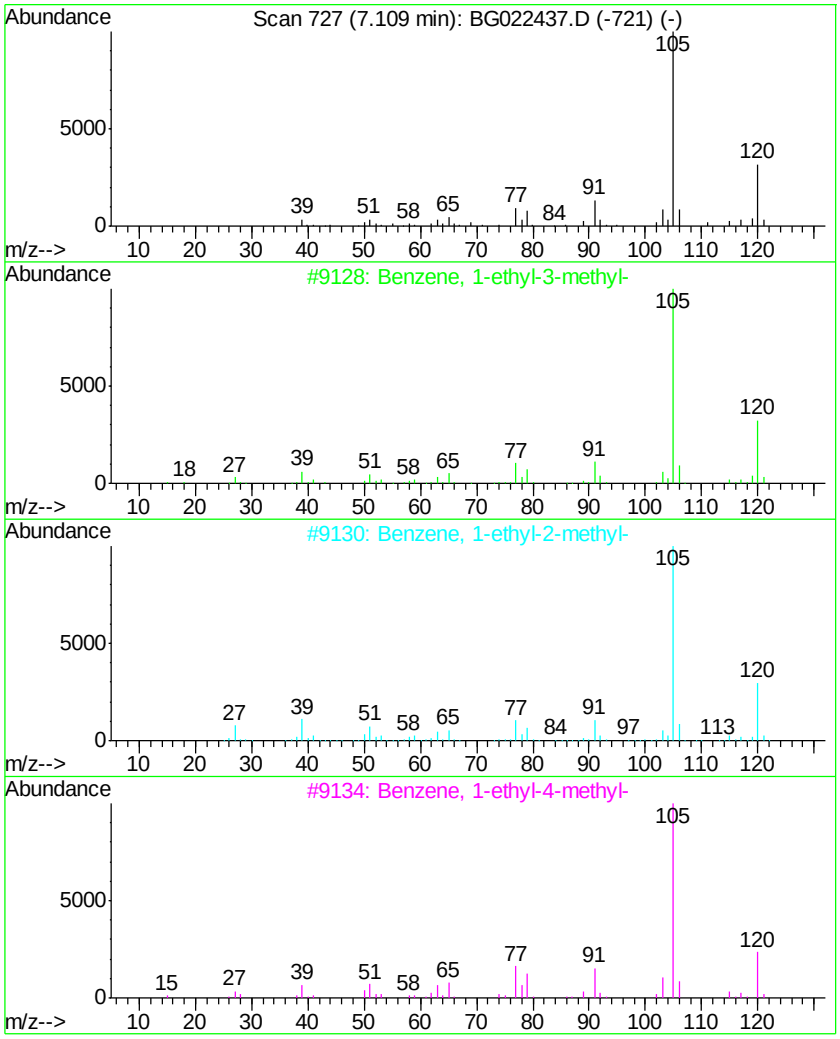
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

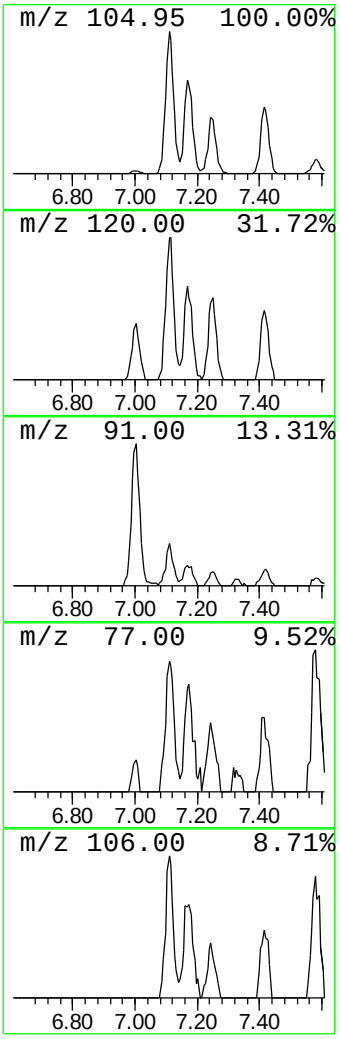
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	8.36 ng	97500	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

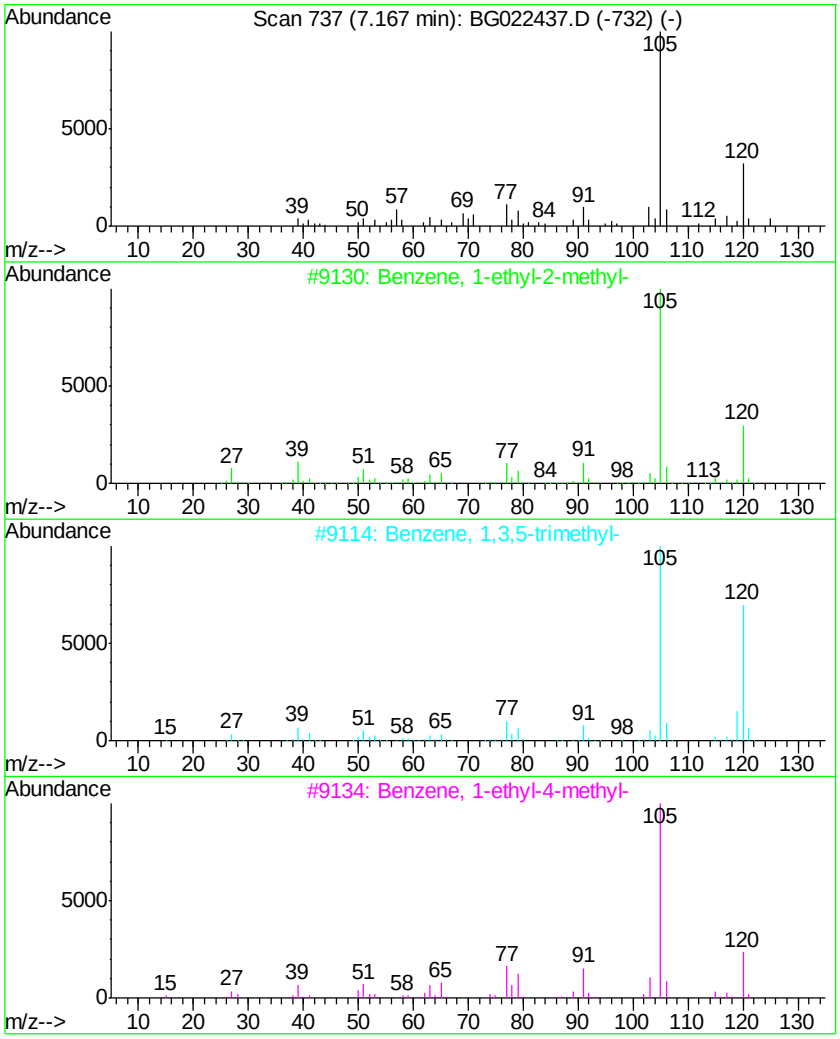
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

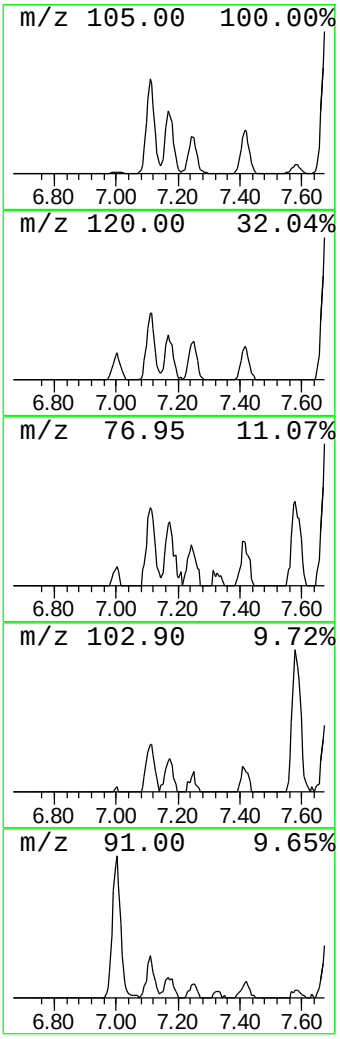
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	6.85 ng	79964	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
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Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

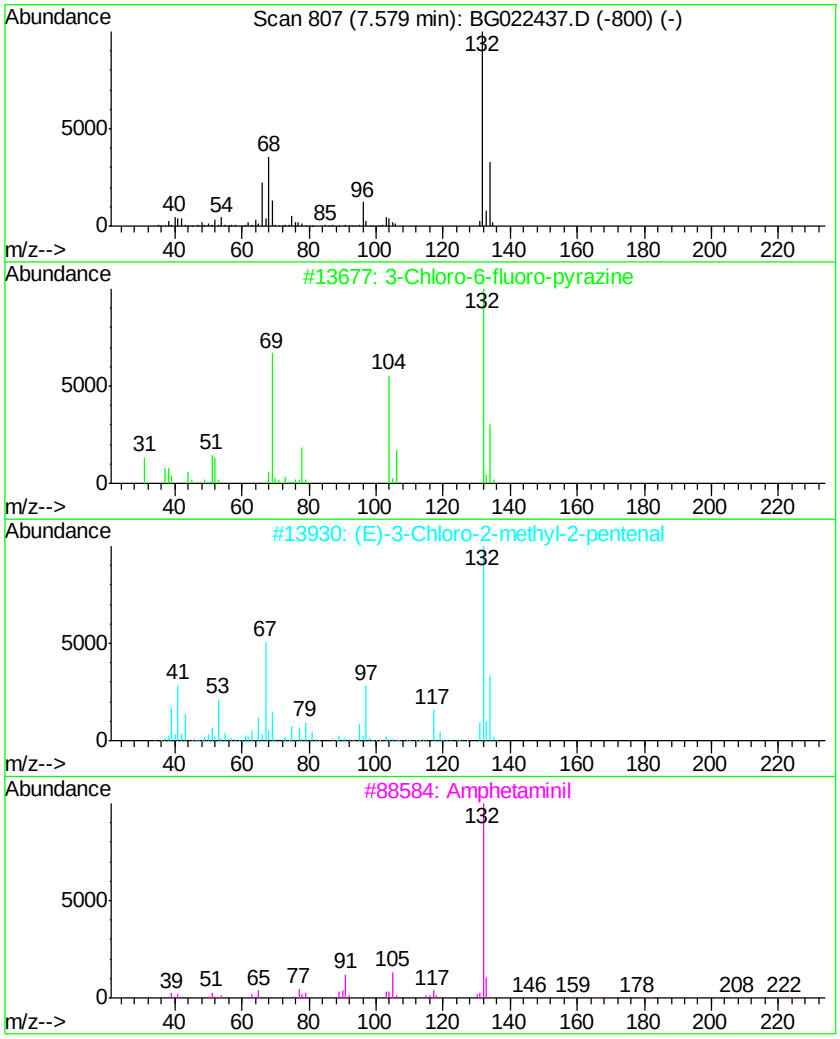
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

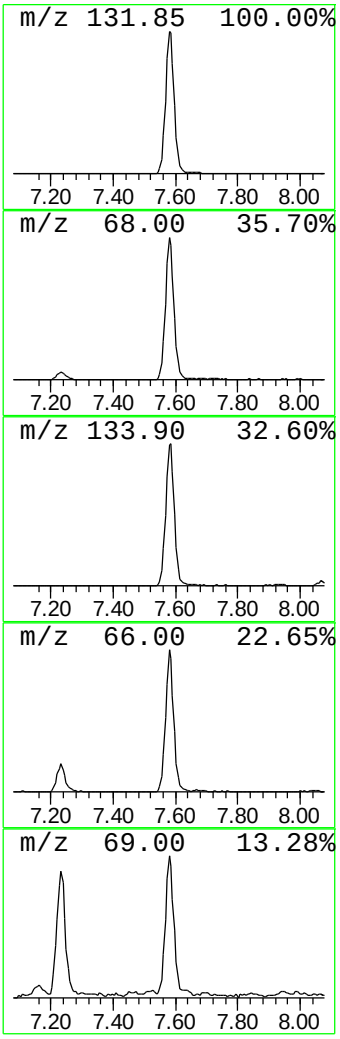
****

Peak Number 9 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	60.85 ng	709974	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

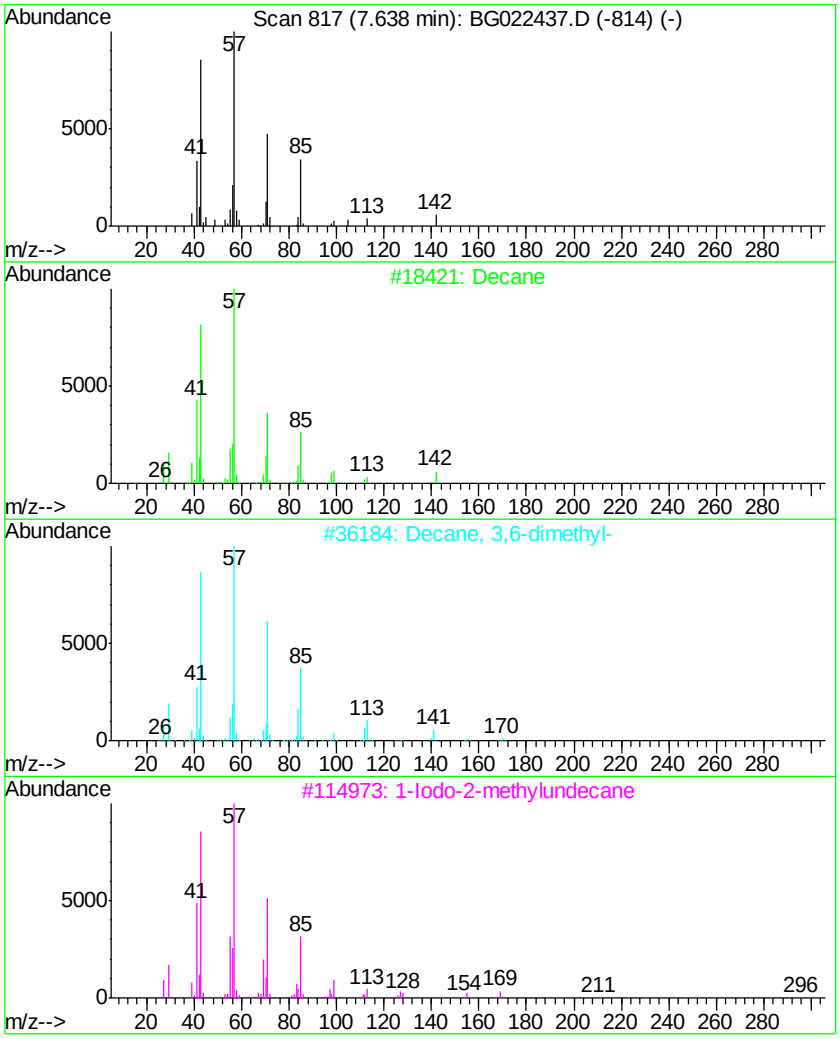
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

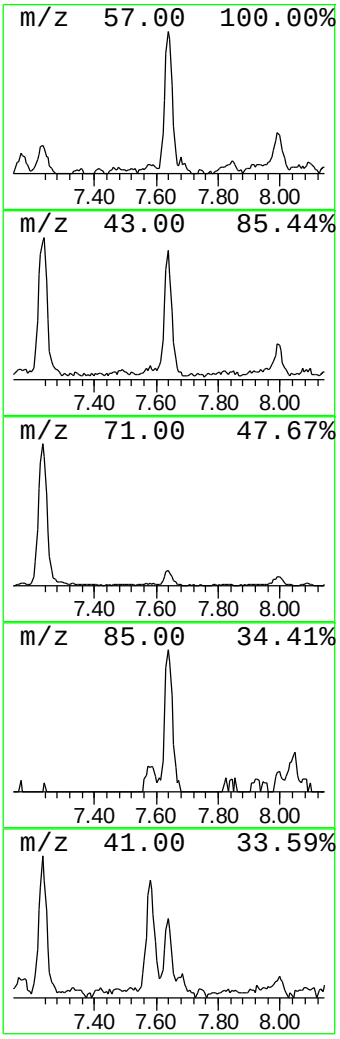
****

Peak Number 10 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	4.83 ng	56344	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Dotriacontane	451	C32H66	000544-85-4	64





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Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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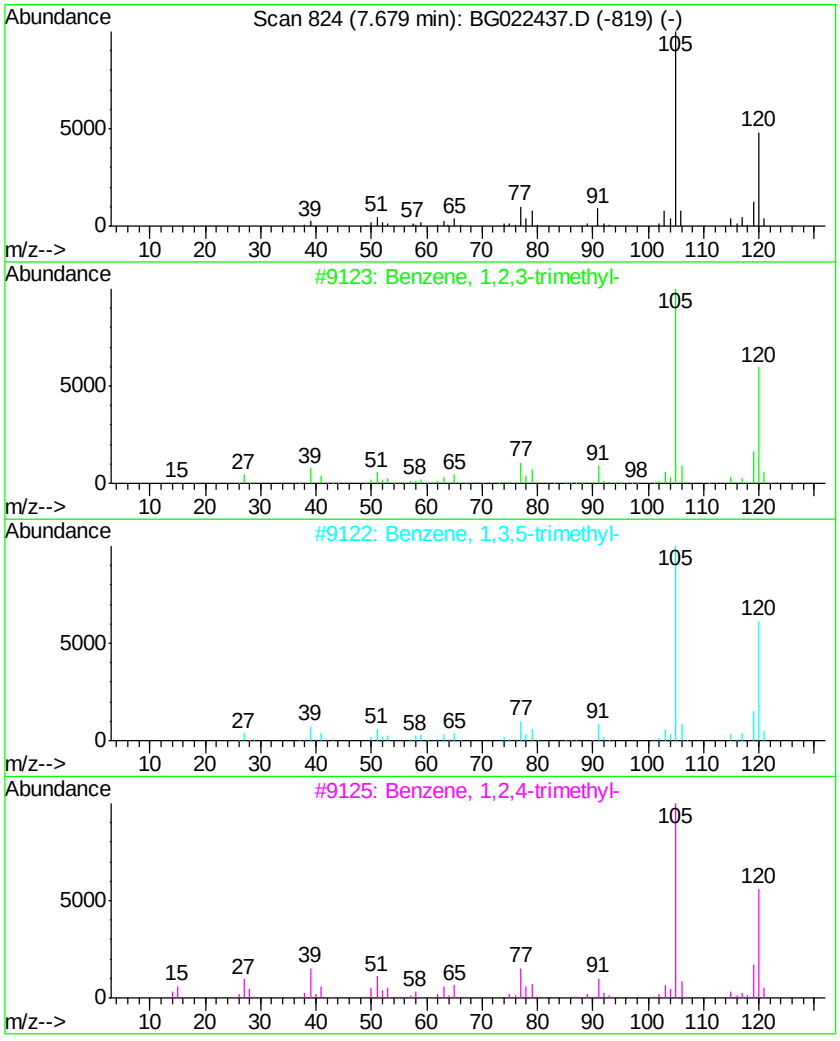
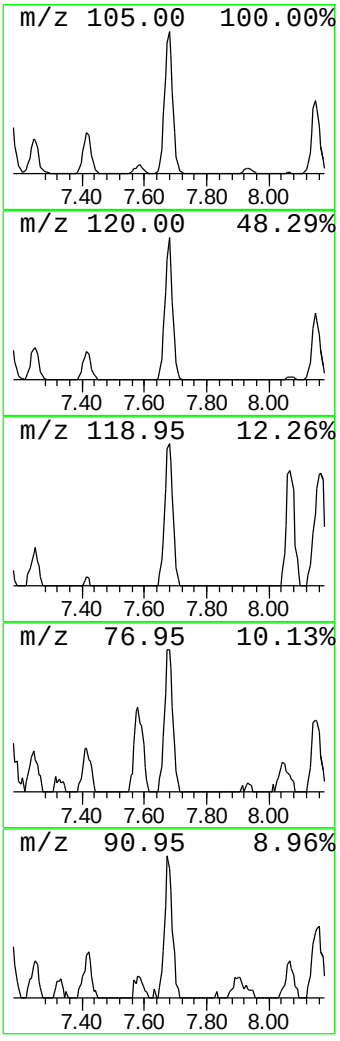
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	15.44 ng	180184	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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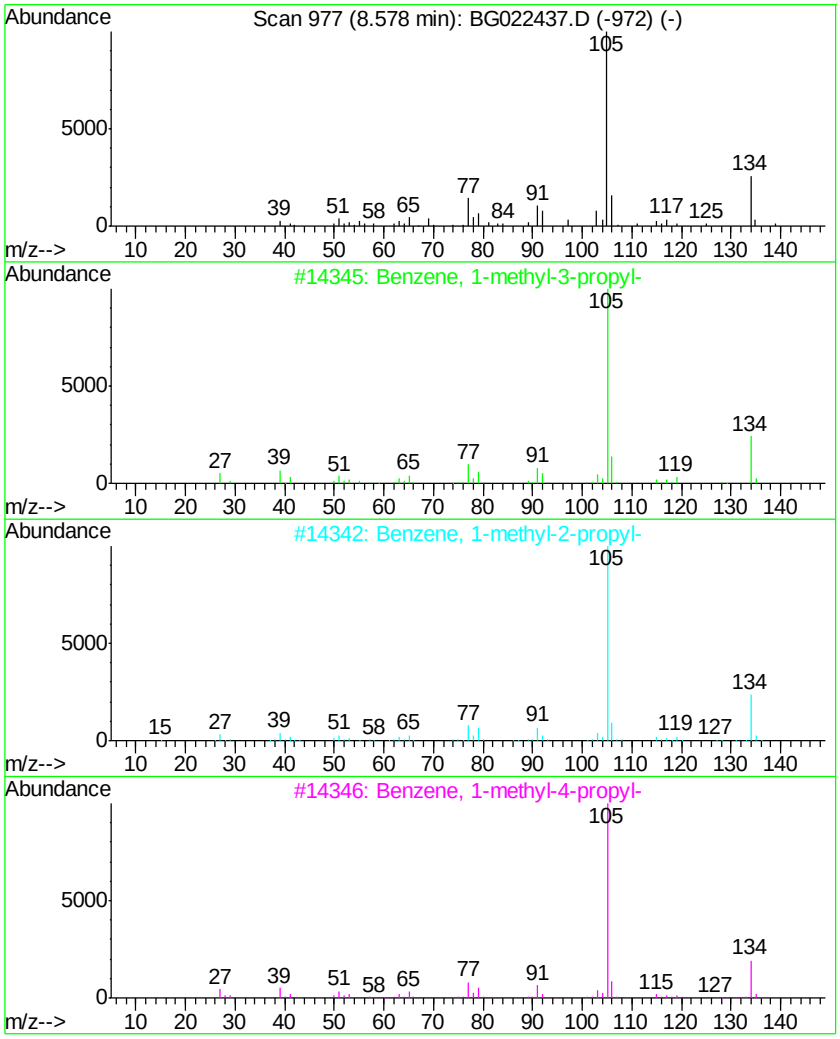
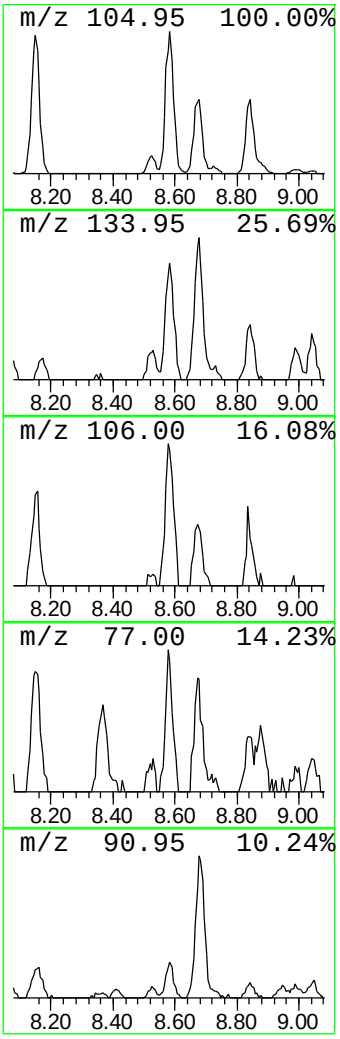
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	8.96 ng	104547	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72





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Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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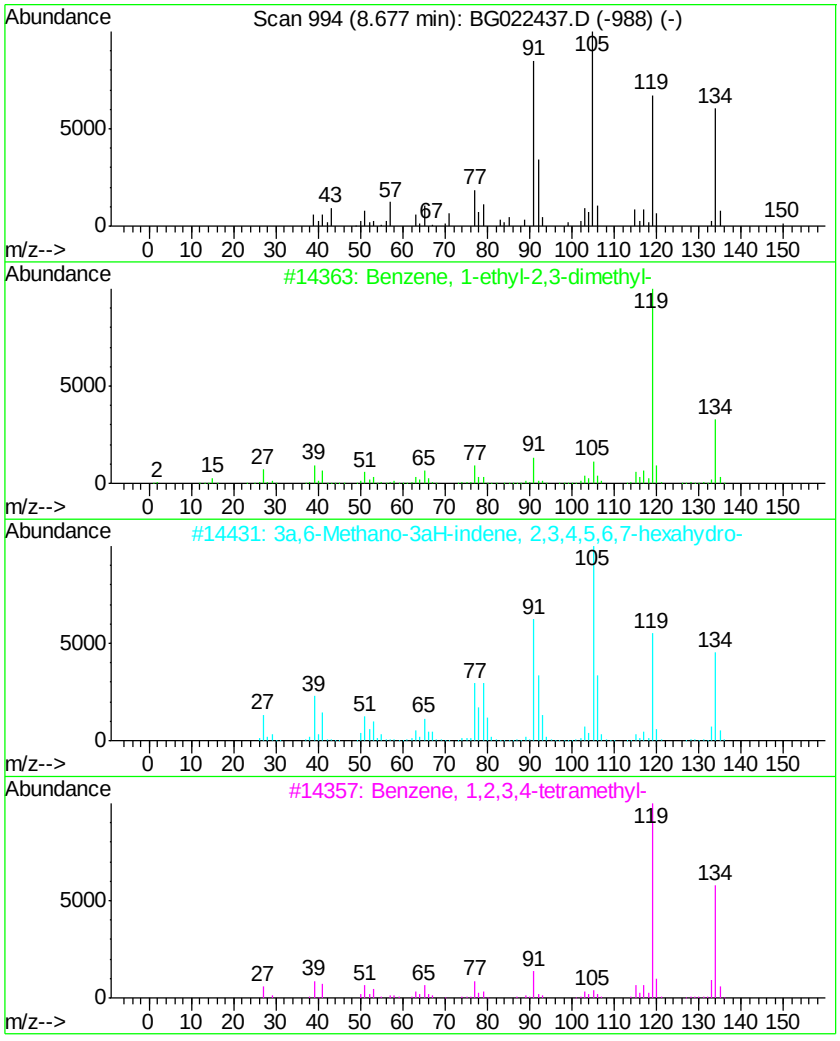
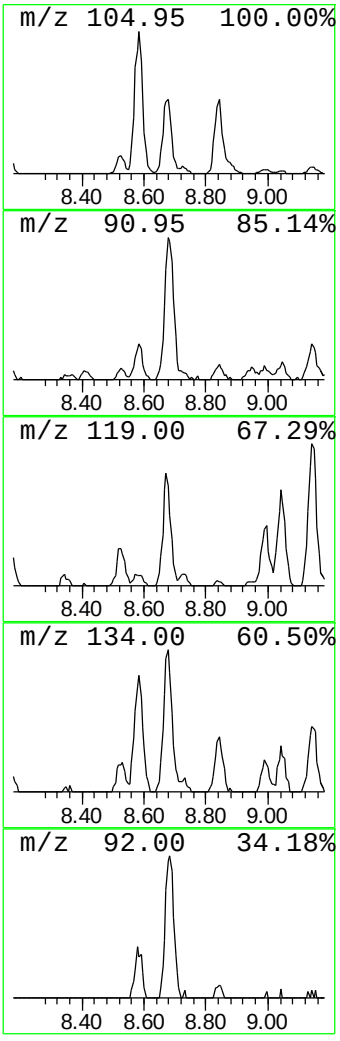
Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	9.35 ng	109058	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	81
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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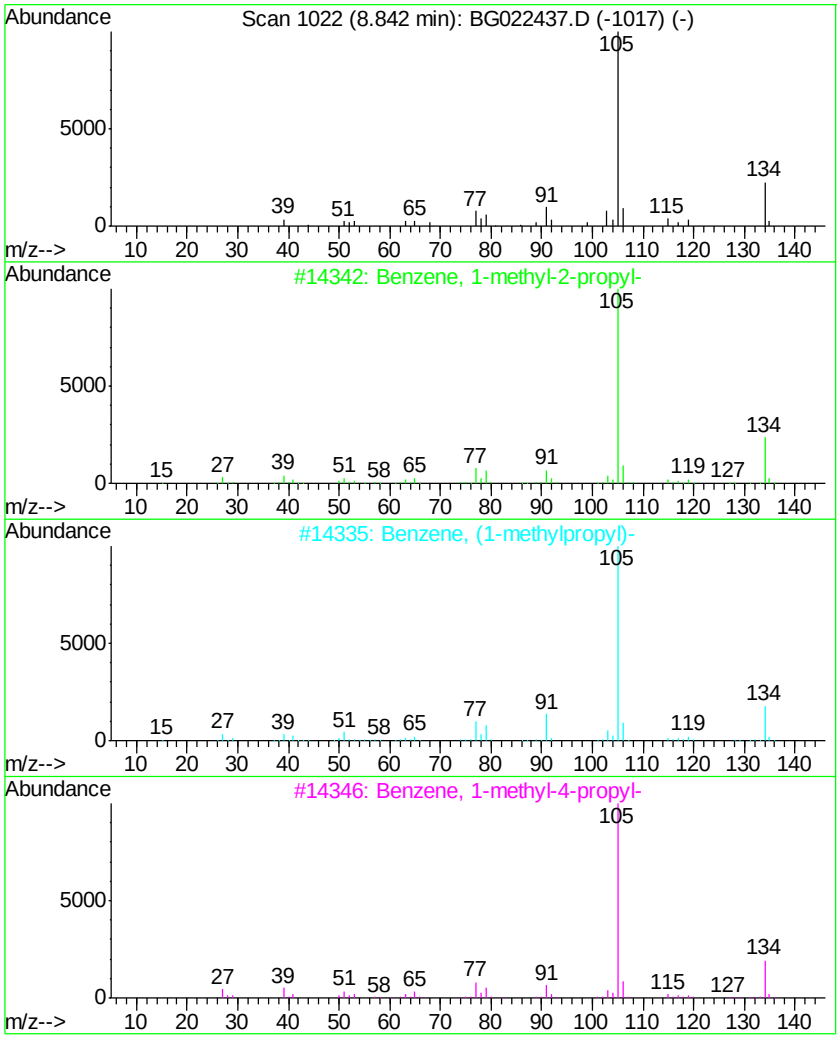
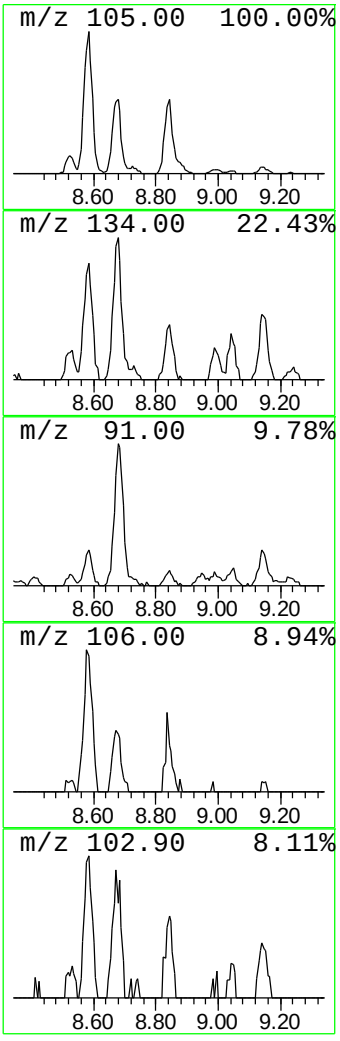
Peak Number 16 Benzene, 1-methyl-2-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.93 ng	45886	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	2-Tolyloxirane	134	C9H10O	002783-26-8	68
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64





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Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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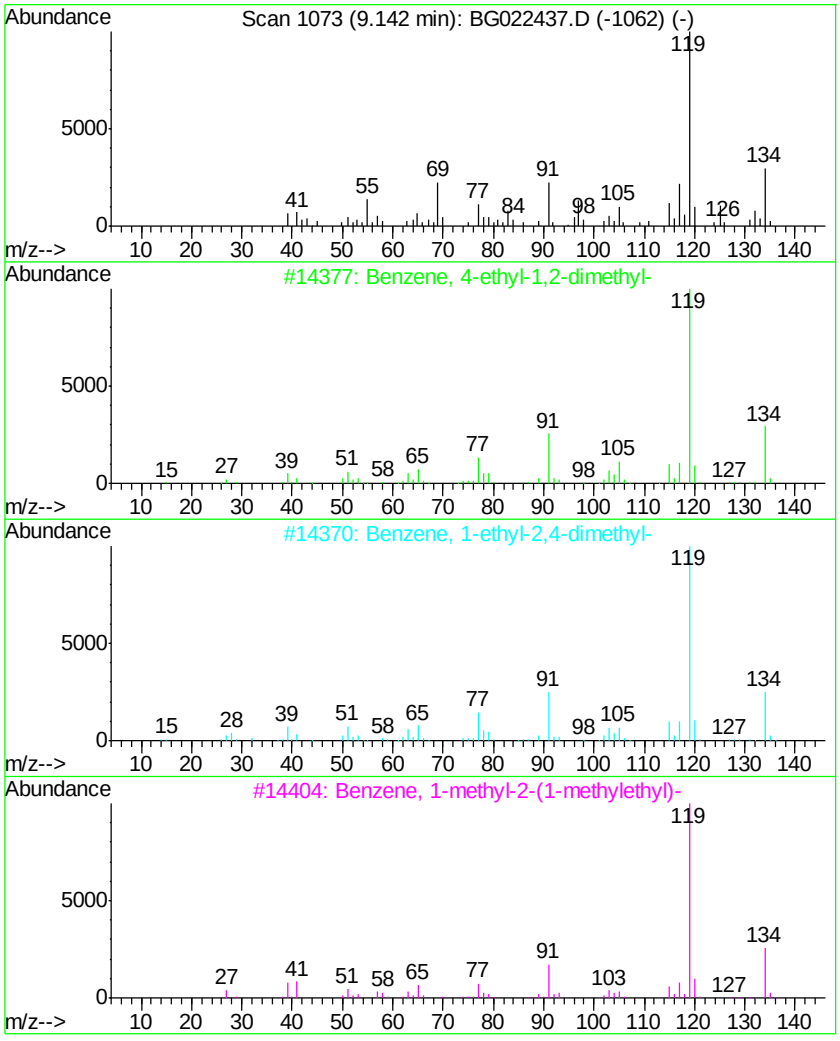
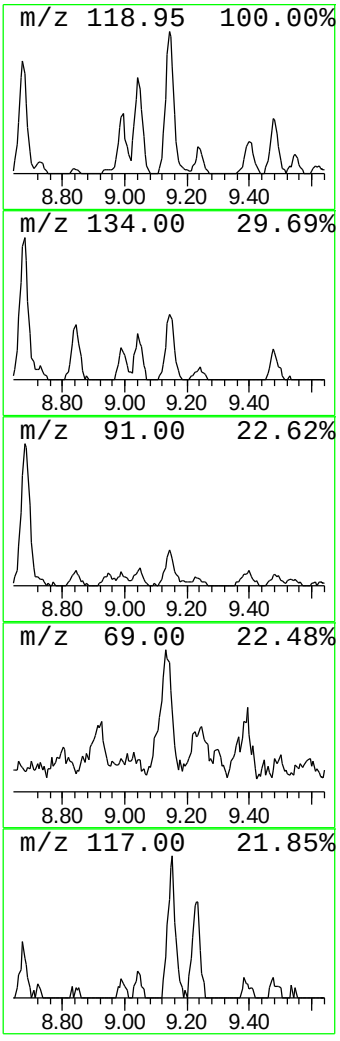
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	8.43 ng	98349	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
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	70





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Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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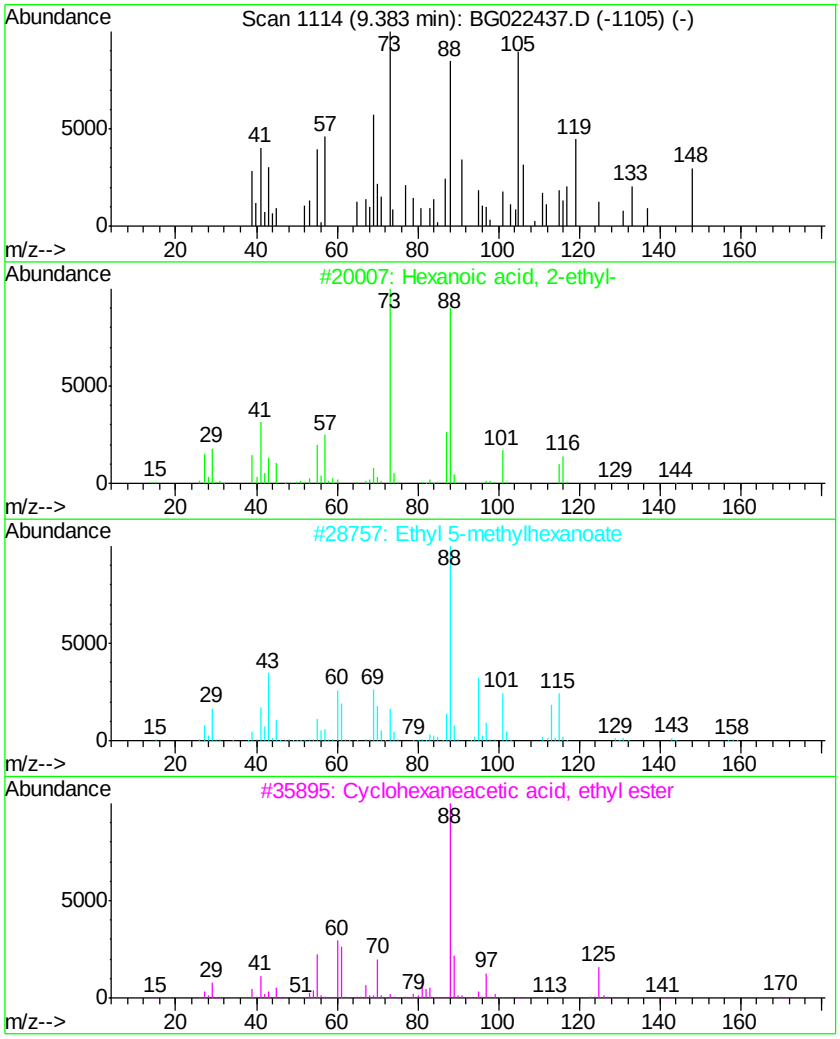
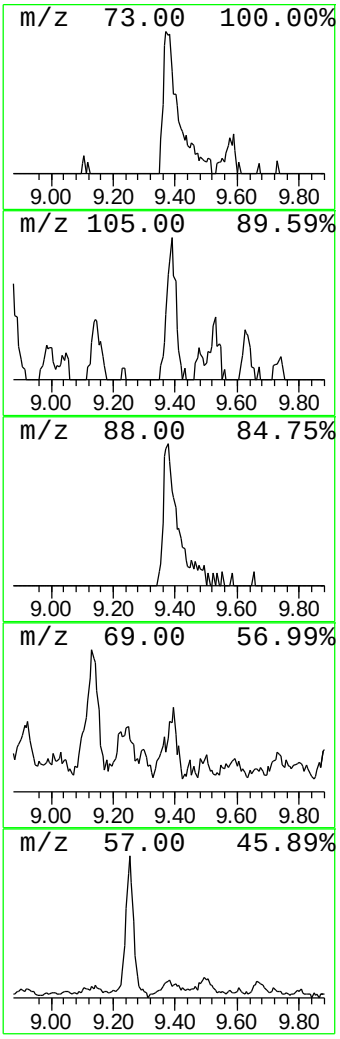
Peak Number 18 unknown9.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	5.59 ng	65167	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	35
2	Ethyl 5-methylhexanoate	158	C9H18O2	010236-10-9	12
3	Cyclohexaneacetic acid, ethyl ester	170	C10H18O2	005452-75-5	12
4	Pentanoic acid, 3-methyl-, ethyl...	144	C8H16O2	005870-68-8	10
5	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018524-86-2	10





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Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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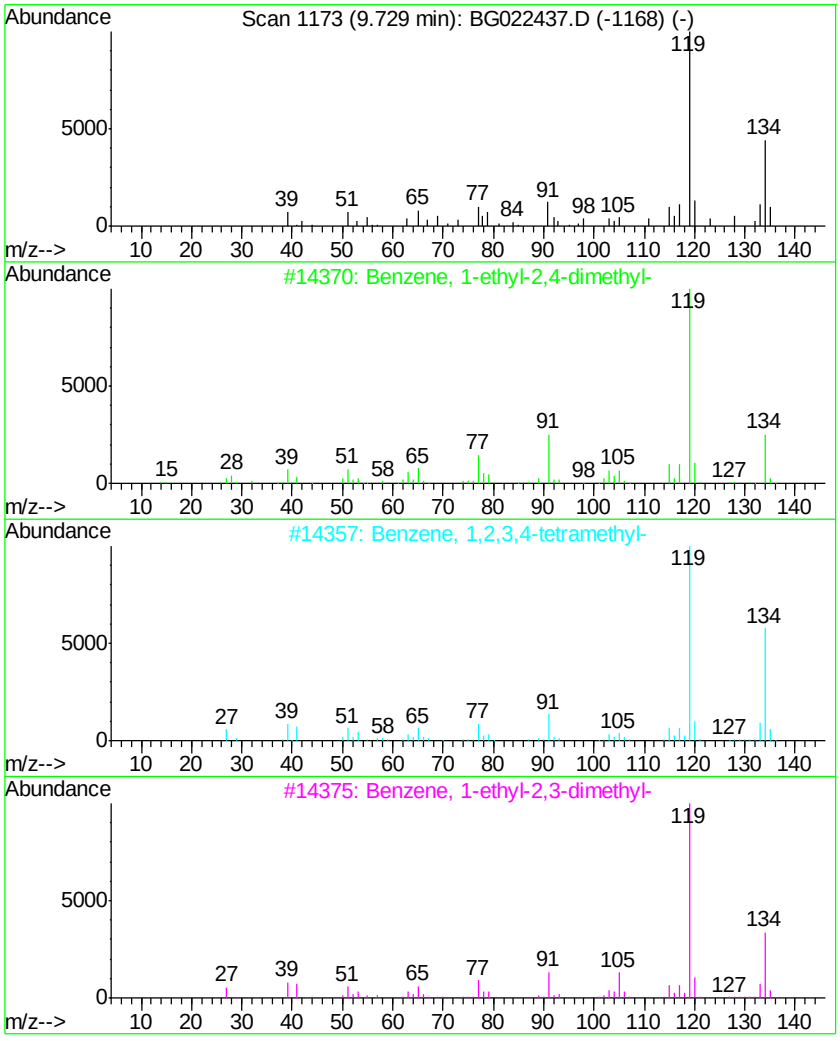
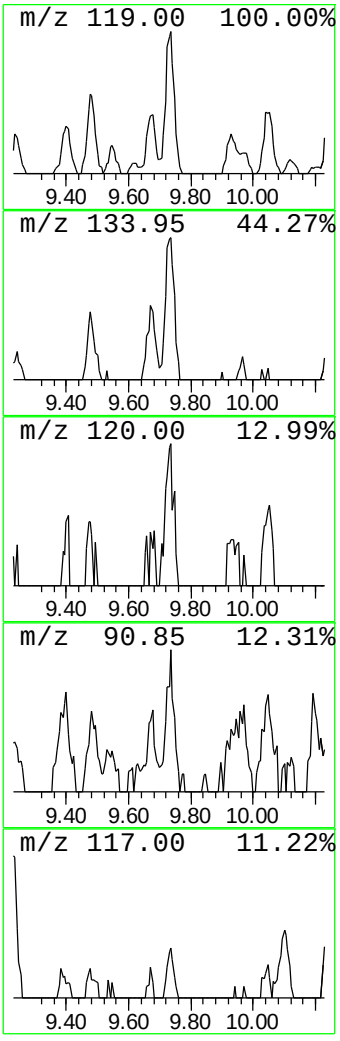
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	2.56 ng	46076	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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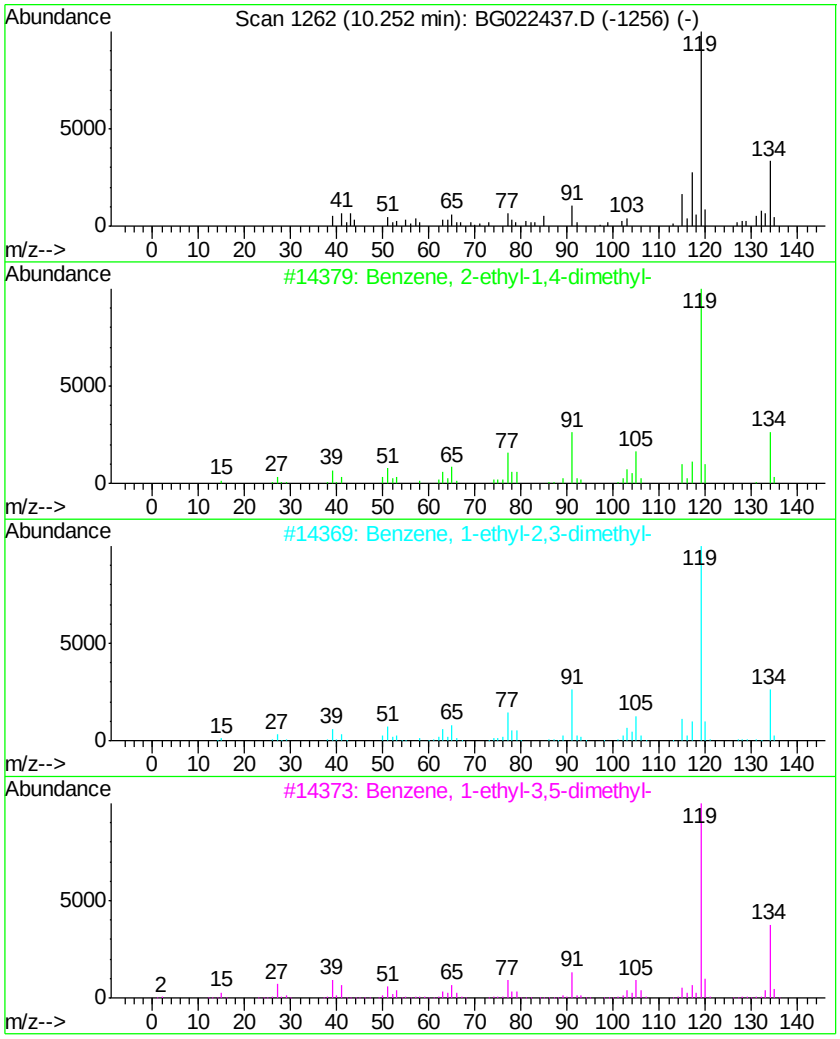
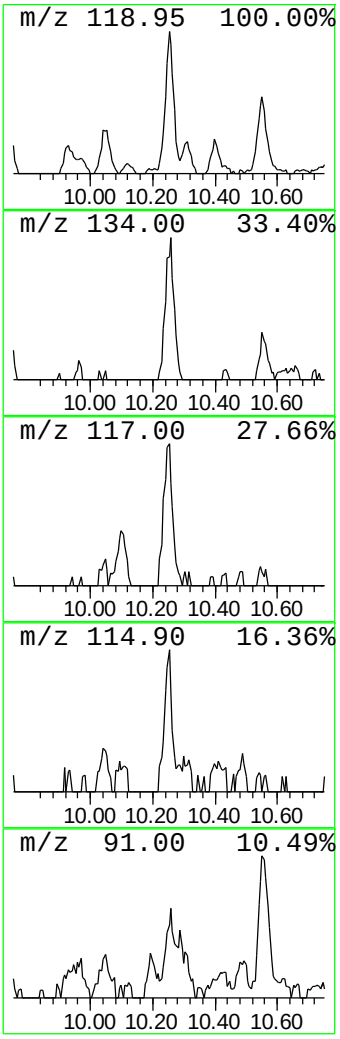
Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.93 ng	70789	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022437.D
Acq On : 18 Jun 2016 23:58
Operator : UM/SJ
Sample : H3471-25
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STA-1160-(0-4)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown2.87	2.87	111.3	ng	1298780	1	8.04	233348	20.0
2-Pentanol, 2,4-d...	5.11	3.8	ng	44109	1	8.04	233348	20.0
N-Benzyl-2-phenet...	7.00	3.6	ng	42000	1	8.04	233348	20.0
Benzene, 1-ethyl-...	7.11	8.4	ng	97500	1	8.04	233348	20.0
Benzene, 1-ethyl-...	7.17	6.8	ng	79964	1	8.04	233348	20.0
unknown7.58	7.58	60.9	ng	709974	1	8.04	233348	20.0
Decane	7.64	4.8	ng	56344	1	8.04	233348	20.0
Benzene, 1,2,3-tr...	7.68	15.4	ng	180184	1	8.04	233348	20.0
Benzene, 1-methyl...	8.58	9.0	ng	104547	1	8.04	233348	20.0
Benzene, 1-ethyl-...	8.68	9.3	ng	109058	1	8.04	233348	20.0
Benzene, 1-methyl...	8.84	3.9	ng	45886	1	8.04	233348	20.0
Benzene, 4-ethyl-...	9.14	8.4	ng	98349	1	8.04	233348	20.0
unknown9.38	9.38	5.6	ng	65167	1	8.04	233348	20.0
Benzene, 1-ethyl-...	9.73	2.6	ng	46076	2	10.86	360183	20.0
Benzene, 2-ethyl-...	10.25	3.9	ng	70789	2	10.86	360183	20.0