LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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	3.217	18	22	32	rBV	87454	188431	5.08%	0.395%
2	3.387	45	51	58	rBV	88193	143308	3.86%	0.301%
3	3.822	122	125	132	rVB3	58035	95981	2.59%	0.201%
4	4.063	160	166	176	rBV	145363	233363	6.29%	0.490%
5	4.163	176	183	187	rBV	189396	342257	9.22%	0.718%
6	4.204	187	190	200	rVB3	121047	237399	6.40%	0.498%
7	4.304	200	207	219	rVB2	133742	259472	6.99%	0.544%
8	4.409	219	225	231	rBV	150185	237031	6.39%	0.497%
9	4.650	258	266	278	rVB4	79435	200142	5.39%	0.420%
10	4.862	297	302	307	rBV	59440	92833	2.50%	0.195%
11	5.050	327	334	339	rBV	54966	103057	2.78%	0.216%
12	5.149	344	351	357	rBV	98530	156949	4.23%	0.329%
13	5.473	398	406	410	rBV	50983	90742	2.44%	0.190%
14	5.567	417	422	424	rBV	141991	220248	5.93%	0.462%
15	5.590	424	426	432	rVB	172189	216997	5.85%	0.455%
16	5.708	432	446	454	rBV2	1018545	1830949	49.32%	3.841%
17	5.796	454	461	473	rVB2	59770	167835	4.52%	0.352%
18	5.896	473	478	481	rBV	59391	91116	2.45%	0.191%
19	6.130	508	518	528	rVB4	106823	332770	8.96%	0.698%
20	6.389	557	562	571	rBV3	86951	213095	5.74%	0.447%
21	6.512	576	583	591	rVB2	71921	145803	3.93%	0.306%
22	6.600	592	598	601	rBV2	58337	102321	2.76%	0.215%
23	6.677	607	611	616	rVB	95535	139057	3.75%	0.292%
24	6.771	622	627	637	rVB4	87913	194632	5.24%	0.408%
25	7.117	681	686	692	rVV2	487942	890536	23.99%	1.868%
26	7.170	692	695	700	rVB	159565	213633	5.76%	0.448%
27	7.311	709	719	725	rVV3	1011308	2378748	64.08%	4.991%
28	7.364	725	728	736	rVB2	120302	211280	5.69%	0.443%
29	7.458	736	744	752	rBV2	59086	139027	3.75%	0.292%
30	7.693	775	784	790	rVV	943169	1704323	45.91%	3.576%
31	7.746	790	793	797	rVV2	114820	174755	4.71%	0.367%
32	7.799	797	802	810	rVB	686930	1131971	30.49%	2.375%
33	8.022	834	840	841	rBV2	61637	96387	2.60%	0.202%
34	8.104	849	854	859	rVB	137346	213928	5.76%	0.449%

LSC Area Percent Report

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Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.169	859	865	876	rVB3	181612	417304	11.24%	0.876%
36	8.269	876	882	888	rBV2	358486	656382	17.68%	1.377%
37	8.363	893	898	905	rVB	89686	174812	4.71%	0.367%
38	8.492	913	920	925	rVV	655629	1139488	30.70%	2.391%
39	8.539	925	928	934	rVB2	103005	166587	4.49%	0.350%
40	8.645	936	946	952	rBV4	298623	663684	17.88%	1.392%
41	8.703	952	956	963	rVB2	190013	411567	11.09%	0.863%
42	8.792	964	971	978	rBV2	699613	1299064	35.00%	2.725%
43	8.891	984	988	994	rVB	101279	151891	4.09%	0.319%
44	8.956	994	999	1004	rBV	148925	230038	6.20%	0.483%
45	9.109	1019	1025	1029	rBV	296488	482797	13.01%	1.013%
46	9.162	1029	1034	1039	rVB	213589	344551	9.28%	0.723%
47	9.262	1044	1051	1059	rVV2	746468	1340378	36.11%	2.812%
48	9.350	1059	1066	1077	rVB3	806554	1577524	42.50%	3.310%
49	9.508	1085	1093	1099	rVB4	76337	174284	4.70%	0.366%
50	9.596	1099	1108	1113	rBV2	175556	351679	9.47%	0.738%
51	9.784	1134	1140	1146	rVV	434333	764926	20.61%	1.605%
52	9.849	1146	1151	1156	rVV	489834	824560	22.21%	1.730%
53	10.043	1174	1184	1188	rBV2	121560	247240	6.66%	0.519%
54	10.084	1188	1191	1198	rVV4	97245	165993	4.47%	0.348%
55	10.154	1198	1203	1208	rVV2	138346	286429	7.72%	0.601%
56	10.219	1208	1214	1221	rVV3	357969	824613	22.21%	1.730%
57	10.278	1221	1224	1227	rVV	67208	110564	2.98%	0.232%
58	10.313	1227	1230	1232	rVV2	84181	134606	3.63%	0.282%
59	10.366	1233	1239	1245	rVV2	625244	1266233	34.11%	2.657%
60	10.425	1245	1249	1253	rVV2	225174	426597	11.49%	0.895%
61	10.466	1253	1256	1260	rVV	87964	143768	3.87%	0.302%
62	10.542	1260	1269	1274	rVV3	139027	377536	10.17%	0.792%
63	10.660	1284	1289	1298	rVB	161068	275964	7.43%	0.579%
64	10.912	1324	1332	1335	rVV	205647	481793	12.98%	1.011%
65	10.953	1336	1339	1342	rVV2	208480	348331	9.38%	0.731%
66	10.995	1342	1346	1349	rVV2	302725	579091	15.60%	1.215%
67	11.036	1349	1353	1358	rVV2	294567	582561	15.69%	1.222%
68	11.089	1358	1362	1370	rVB2	197443	367304	9.89%	0.771%
69	11.177	1370	1377	1382	rBV2	118561	224202	6.04%	0.470%
70	11.570	1439	1444	1451	rBV4	41554	103927	2.80%	0.218%
71	11.635	1451	1455	1459	rBV	89869	175724	4.73%	0.369%

LSC Area Percent Report

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Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.887	1493	1498	1504	rVV2	132475	244010	6.57%	0.512%
73	11.952	1504	1509	1513	rVB4	60926	112173	3.02%	0.235%
74	12.070	1523	1529	1536	rVB	74427	139890	3.77%	0.293%
75	12.164	1539	1545	1551	rBV4	61287	128959	3.47%	0.271%
76	12.281	1558	1565	1571	rVB3	44662	97813	2.64%	0.205%
77	12.346	1571	1576	1585	rBV2	152329	281984	7.60%	0.592%
78	12.628	1618	1624	1633	rVB	585866	997652	26.88%	2.093%
79	12.845	1651	1661	1669	rBV	278250	500640	13.49%	1.050%
80	13.415	1749	1758	1767	rBV	1394381	2223297	59.89%	4.665%
81	13.820	1823	1827	1836	rVB	40979	87735	2.36%	0.184%
82	13.961	1840	1851	1858	rBV4	66414	180380	4.86%	0.378%
83	14.108	1870	1876	1881	rBV2	94812	181778	4.90%	0.381%
84	14.161	1881	1885	1892	rVV3	51718	86887	2.34%	0.182%
85	14.231	1892	1897	1902	rVB	113227	157651	4.25%	0.331%
86	14.789	1982	1992	1998	rBV3	354187	623359	16.79%	1.308%
87	16.276	2238	2245	2255	rBV	1298683	2039787	54.95%	4.280%
88	17.533	2452	2459	2465	rBV2	541002	840586	22.64%	1.764%
89	18.384	2597	2604	2612	rBV4	109260	209646	5.65%	0.440%
90	20.123	2893	2900	2909	rBV	2725861	3712018	100.00%	7.788%
91	21.410	3115	3119	3133	rBV2	72228	158856	4.28%	0.333%
92	21.668	3158	3163	3168	rVB	121165	166510	4.49%	0.349%
93	21.821	3182	3189	3200	rVB	588825	994561	26.79%	2.087%
94	21.968	3209	3214	3219	rVB	72788	103853	2.80%	0.218%
95	22.596	3315	3321	3327	rBV	81169	145225	3.91%	0.305%
96	23.319	3436	3444	3451	rBV2	90334	180893	4.87%	0.380%
97	23.519	3472	3478	3485	rBV	58676	119048	3.21%	0.250%
98	24.159	3579	3587	3594	rBV	78277	176108	4.74%	0.369%
99	25.199	3746	3764	3781	rBV2	325817	1138748	30.68%	2.389%
100	26.338	3949	3958	3969	rVB3	47361	149459	4.03%	0.314%

Sum of corrected areas: 47663874

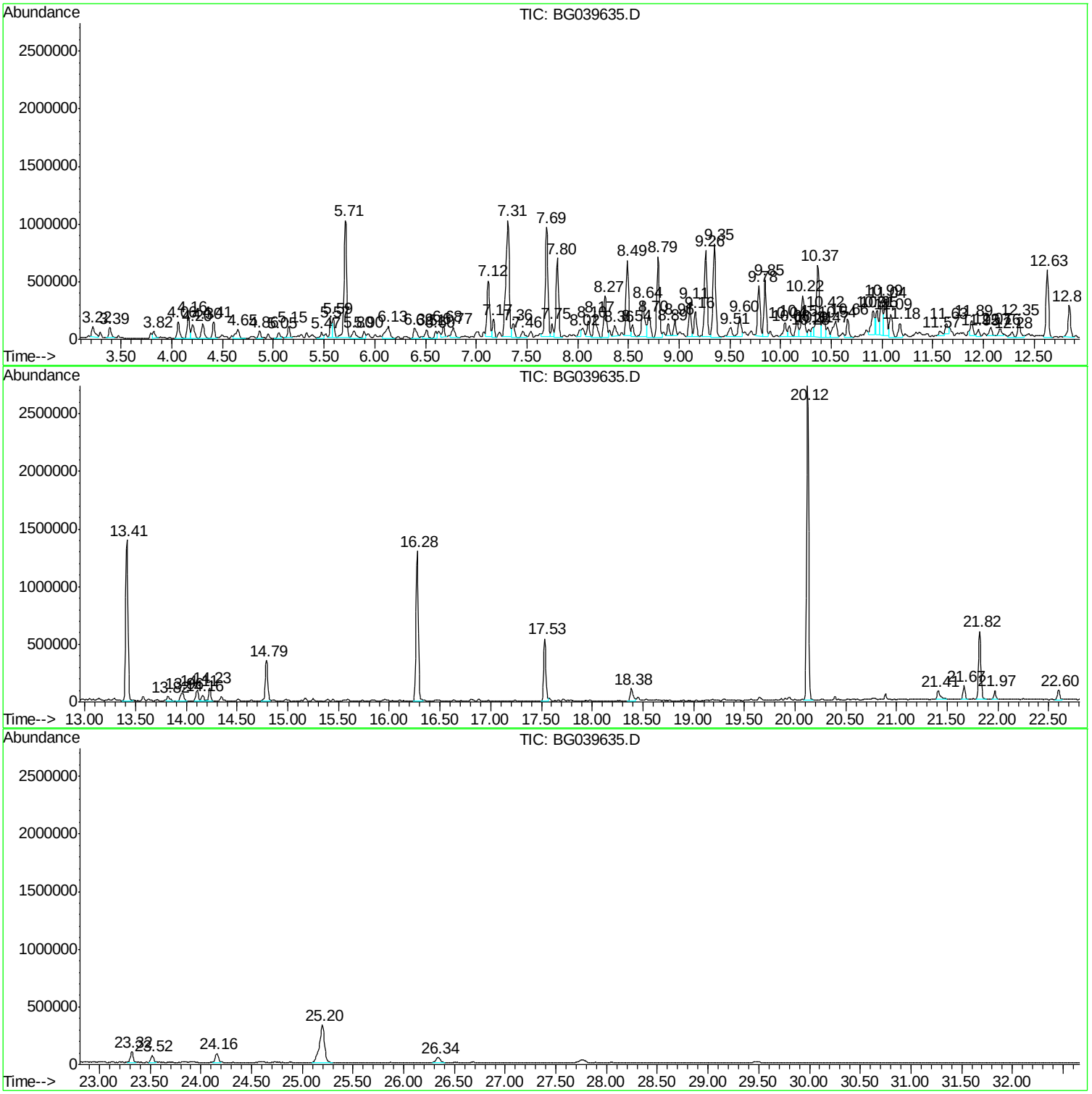
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
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Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

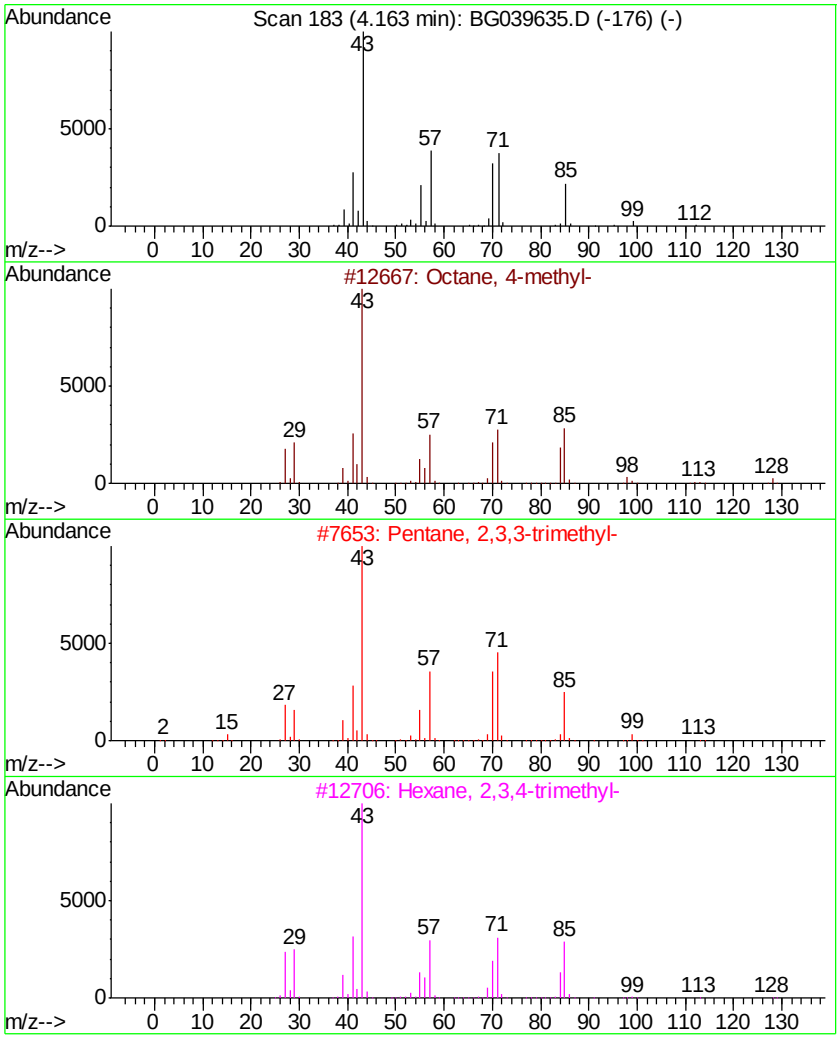
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

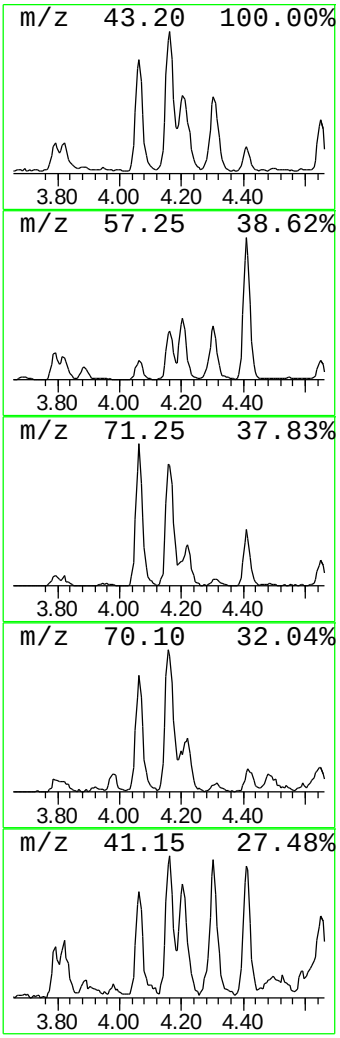
****

Peak Number 1 Octane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.16	16.40 ng	342257	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

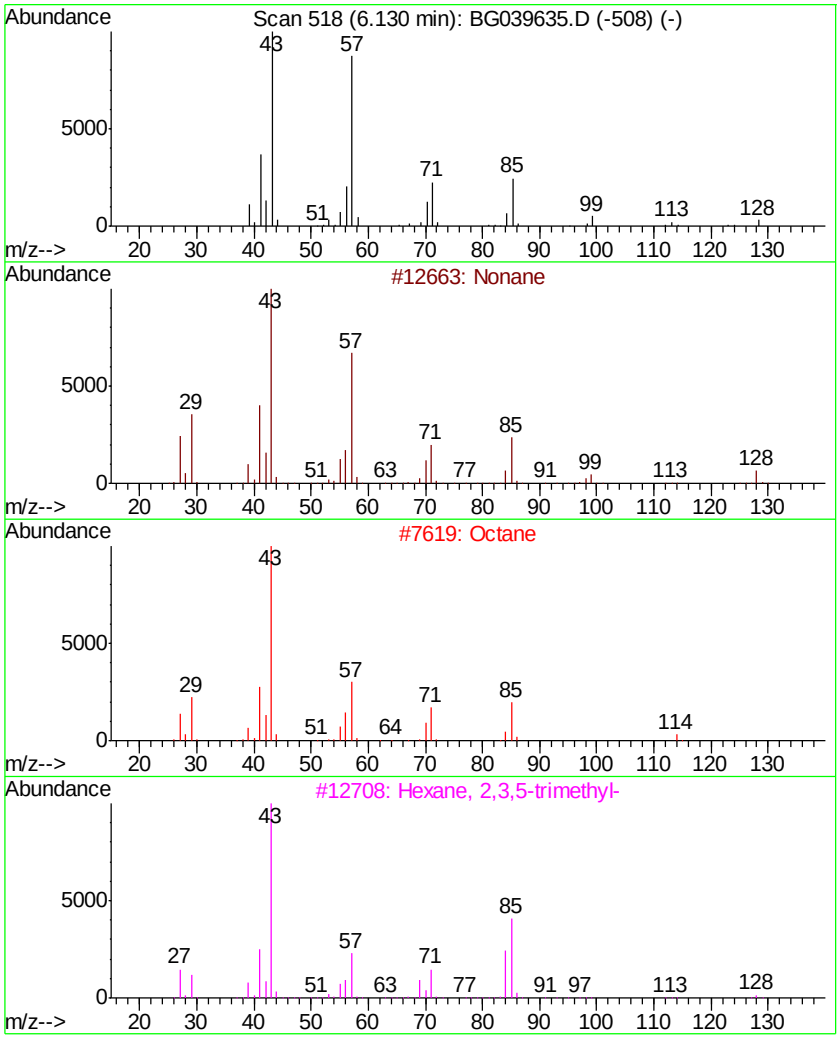
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

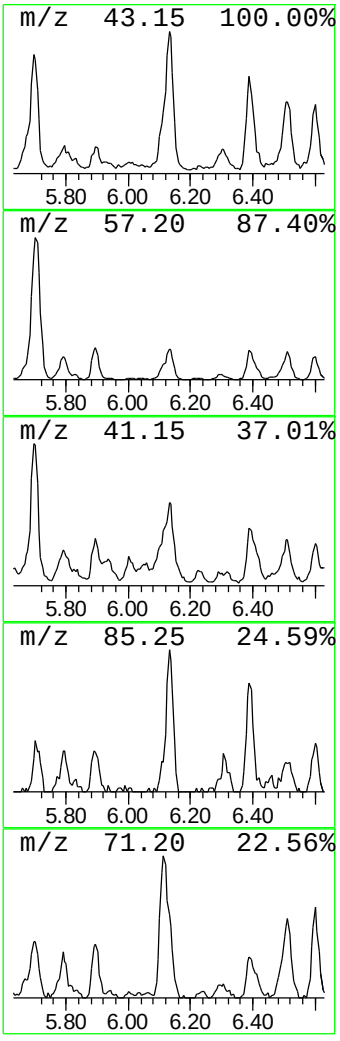
****

Peak Number 2 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	15.95 ng	332770	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	78
2	Octane	114	C8H18	000111-65-9	64
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
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Acq On : 27 Feb 2019 15:20
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Misc :
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Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

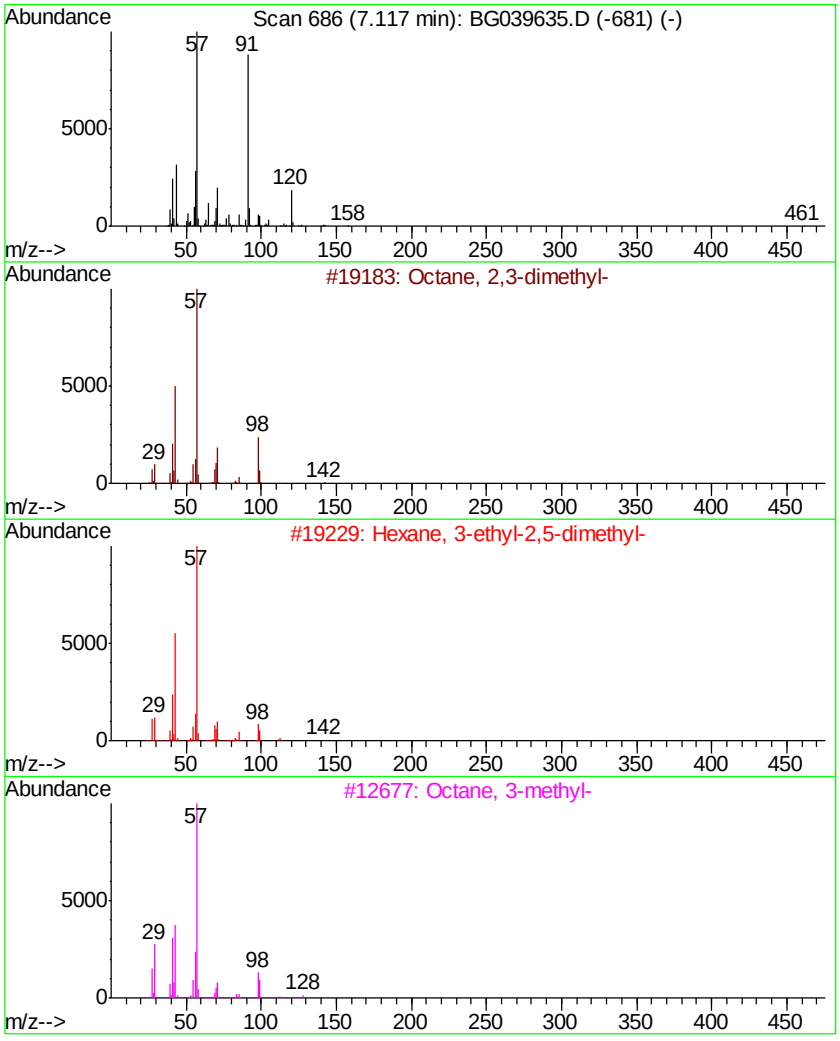
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

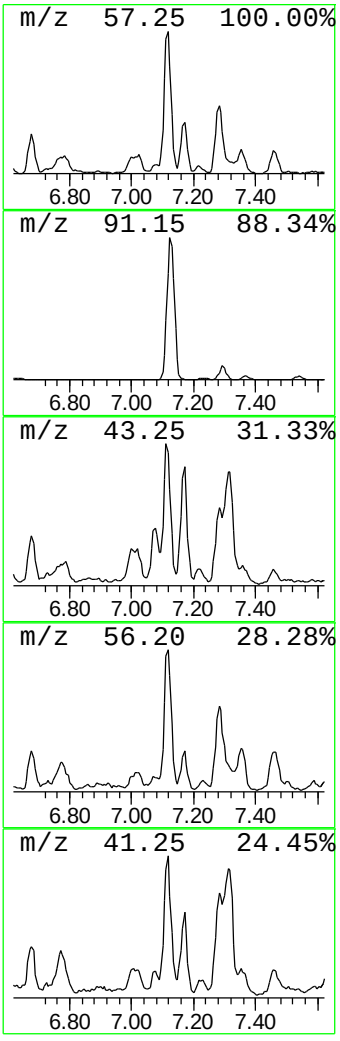
****

Peak Number 3 unknown7.12 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	42.68 ng	890536	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
3	Octane, 3-methyl-	128	C9H20	002216-33-3	35
4	Benzene, propyl-	120	C9H12	000103-65-1	35
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
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Acq On : 27 Feb 2019 15:20
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

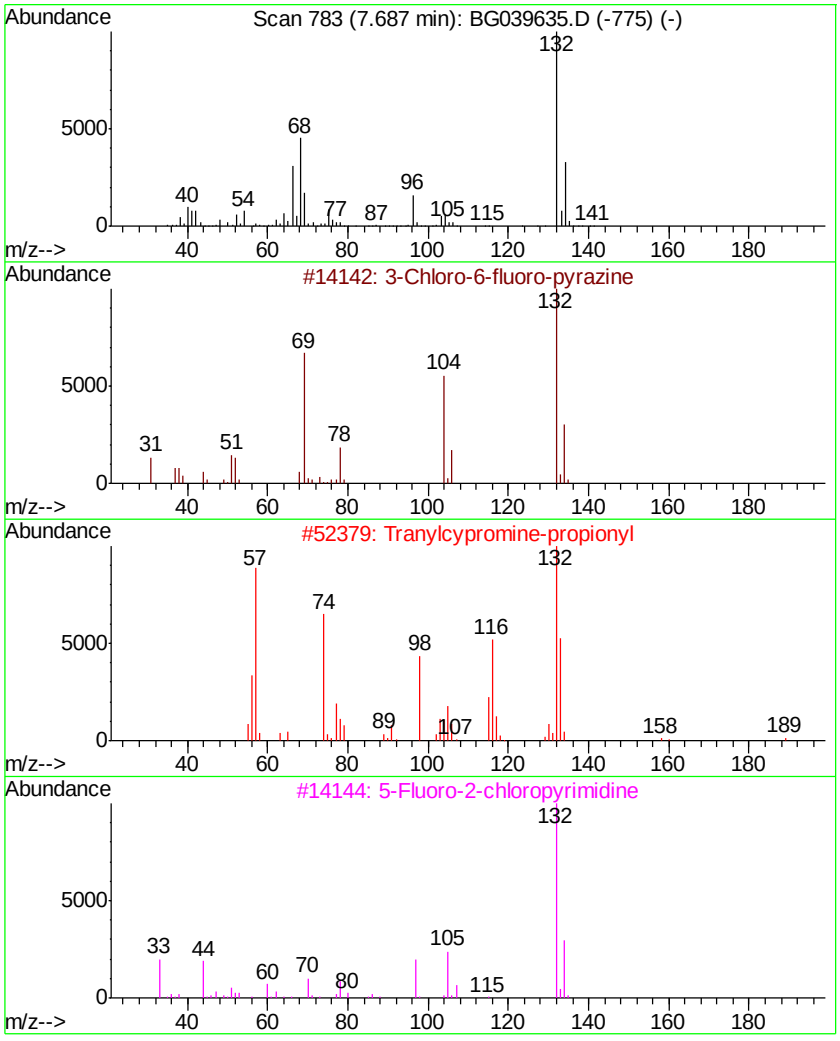
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

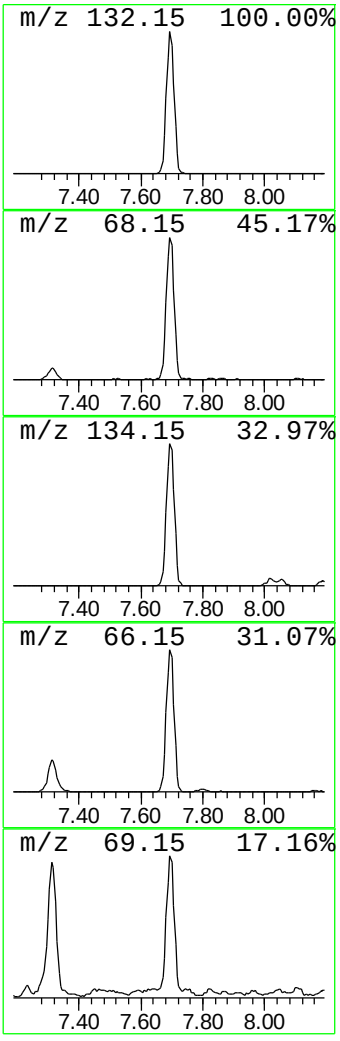
****

Peak Number 4 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	81.68 ng	1704320	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

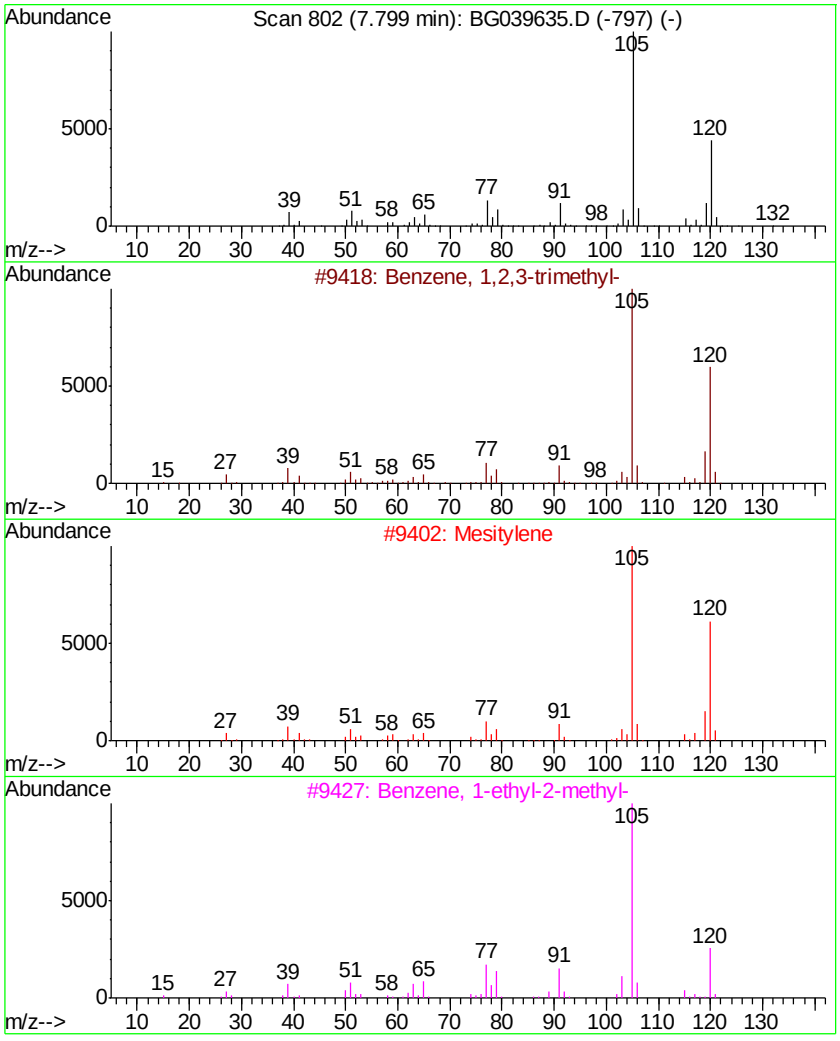
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

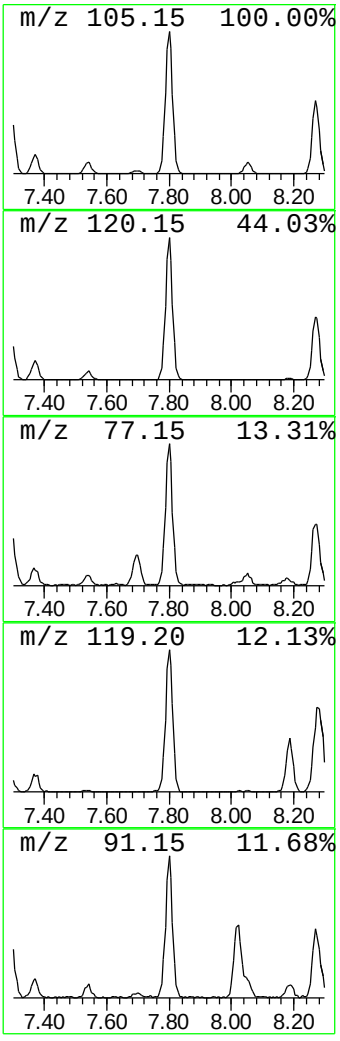
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	54.25 ng	1131970	1,4-Dichlorobenzene-d4	8.17

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	97
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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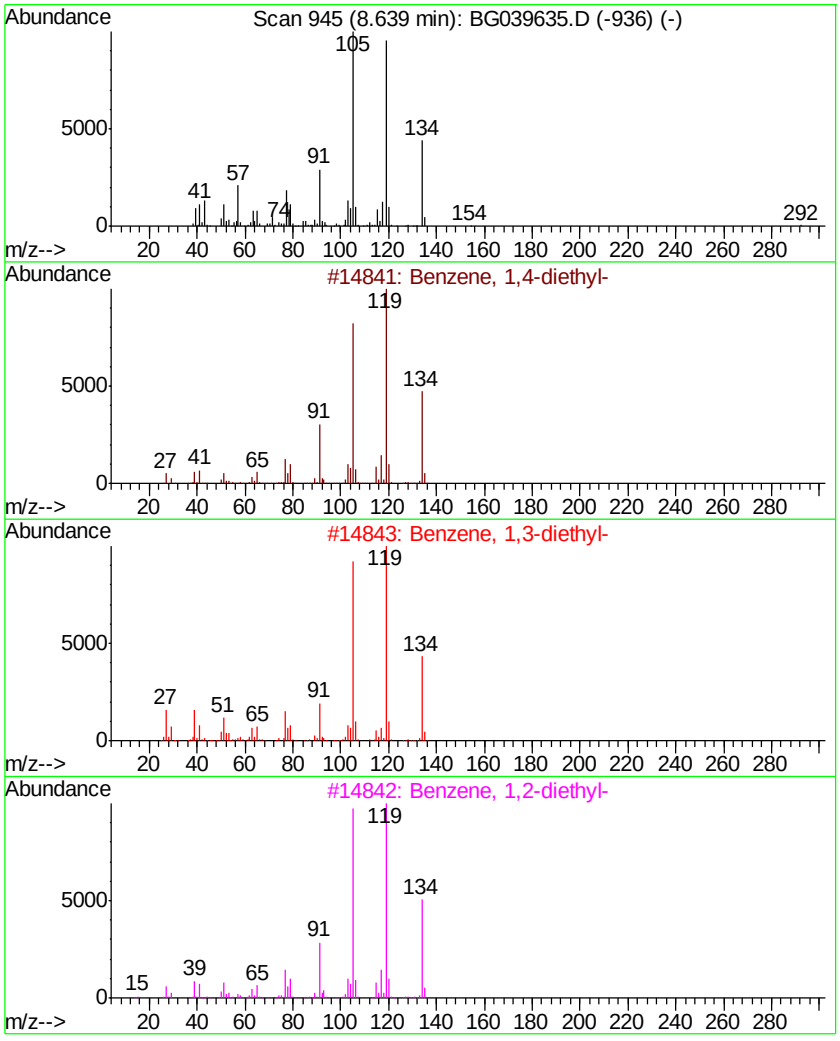
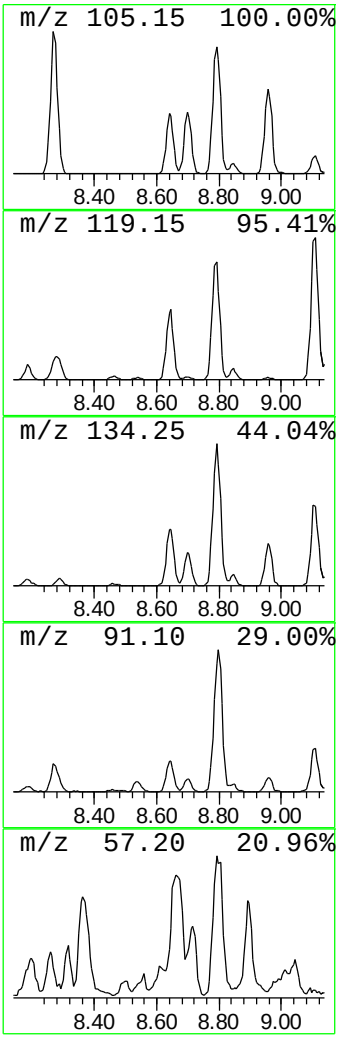
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	31.81 ng	663684	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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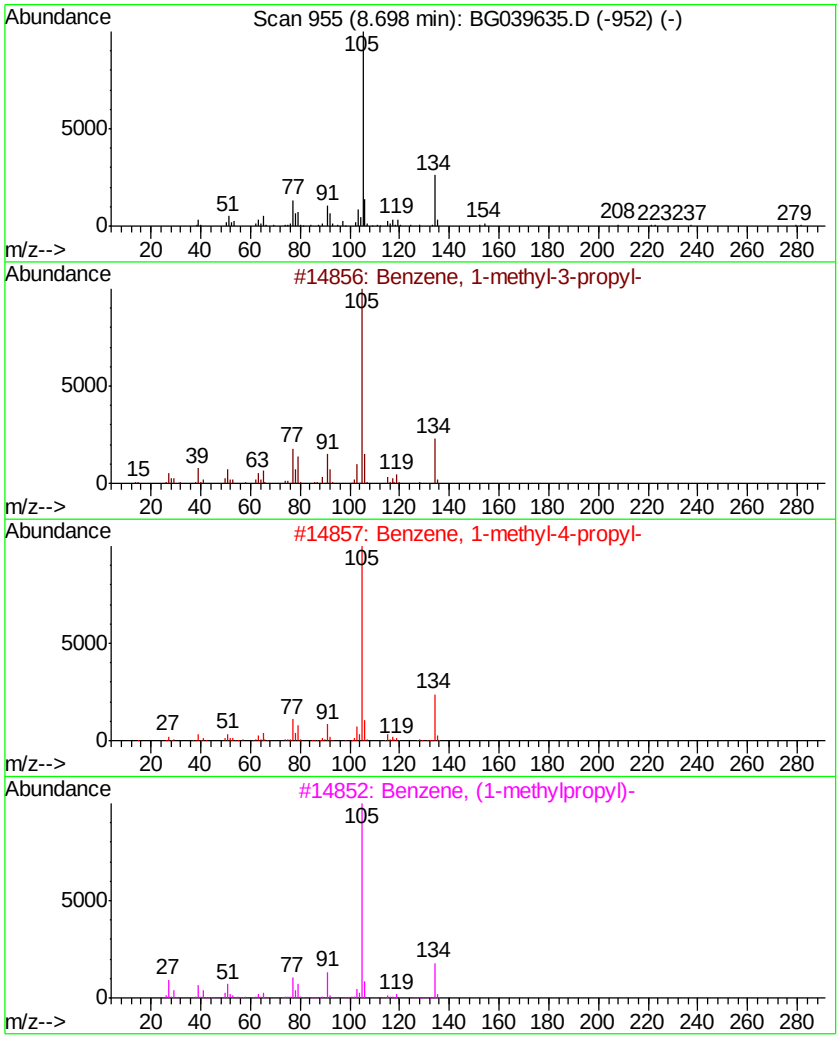
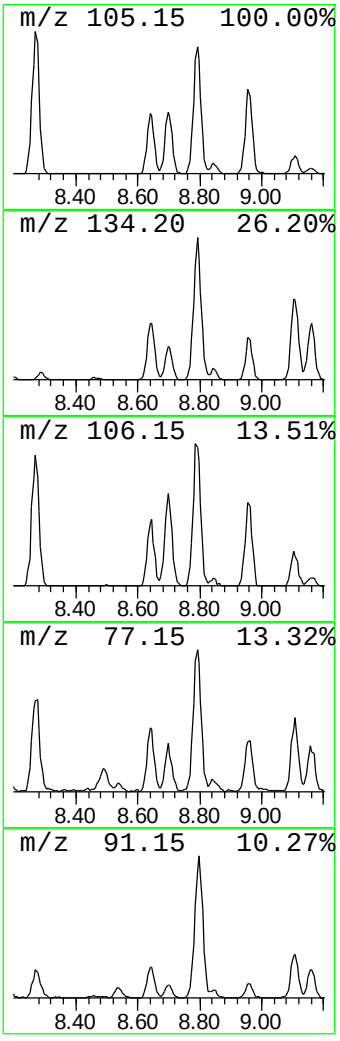
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	19.73 ng	411567	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	68
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





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Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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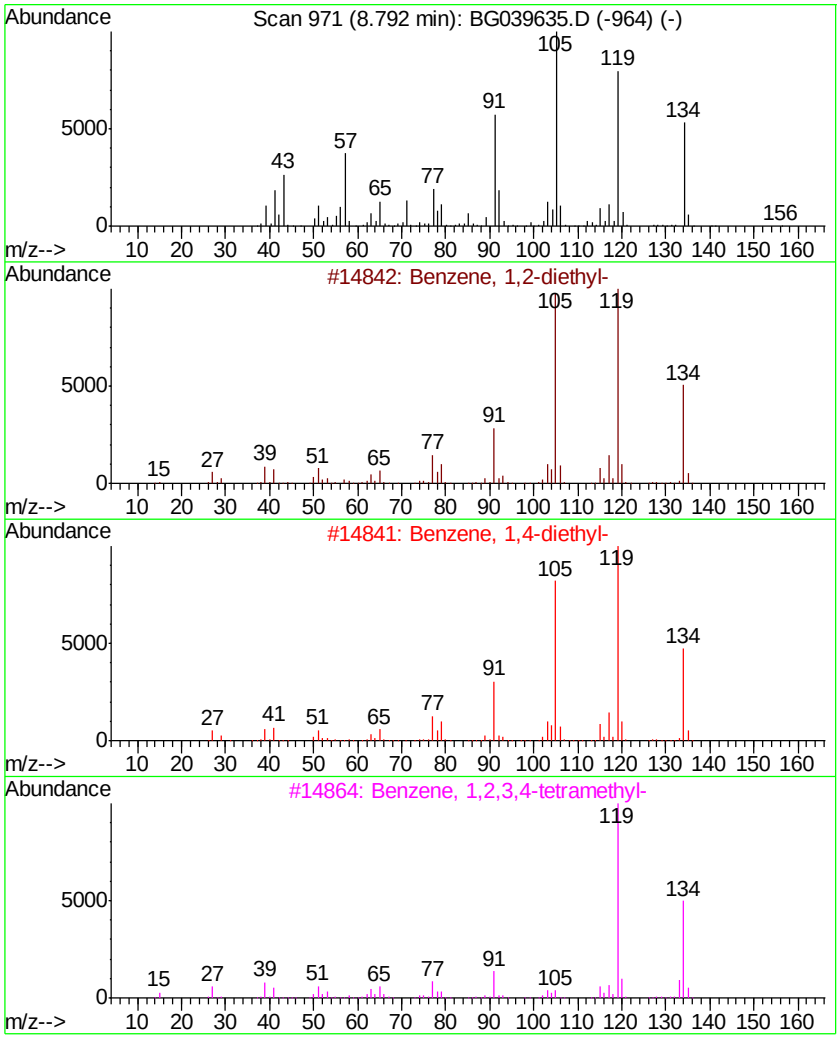
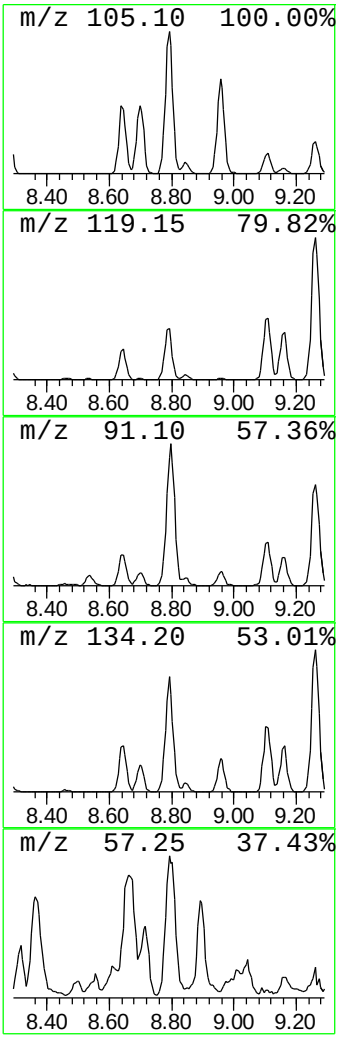
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	62.26 ng	1299060	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87





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Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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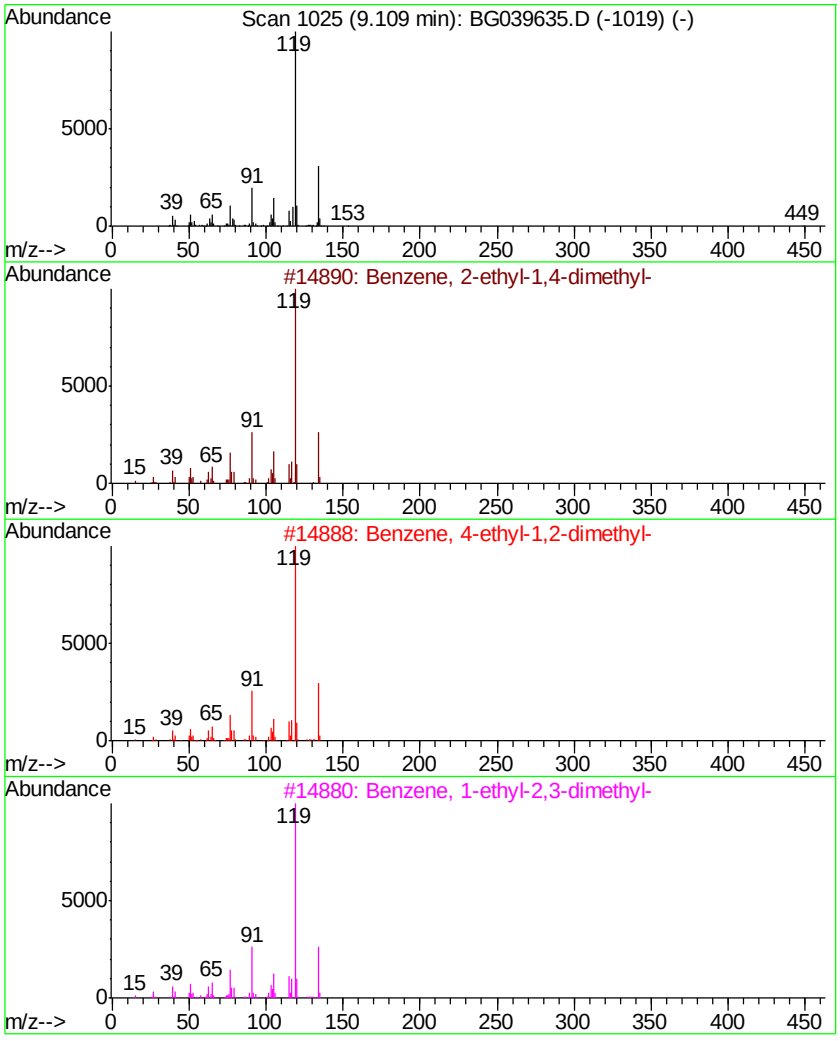
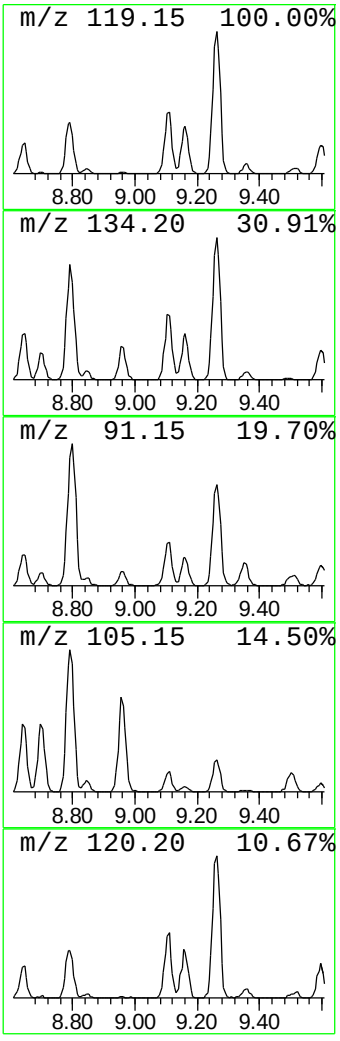
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	23.14 ng	482797	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Library Search Compound Report

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Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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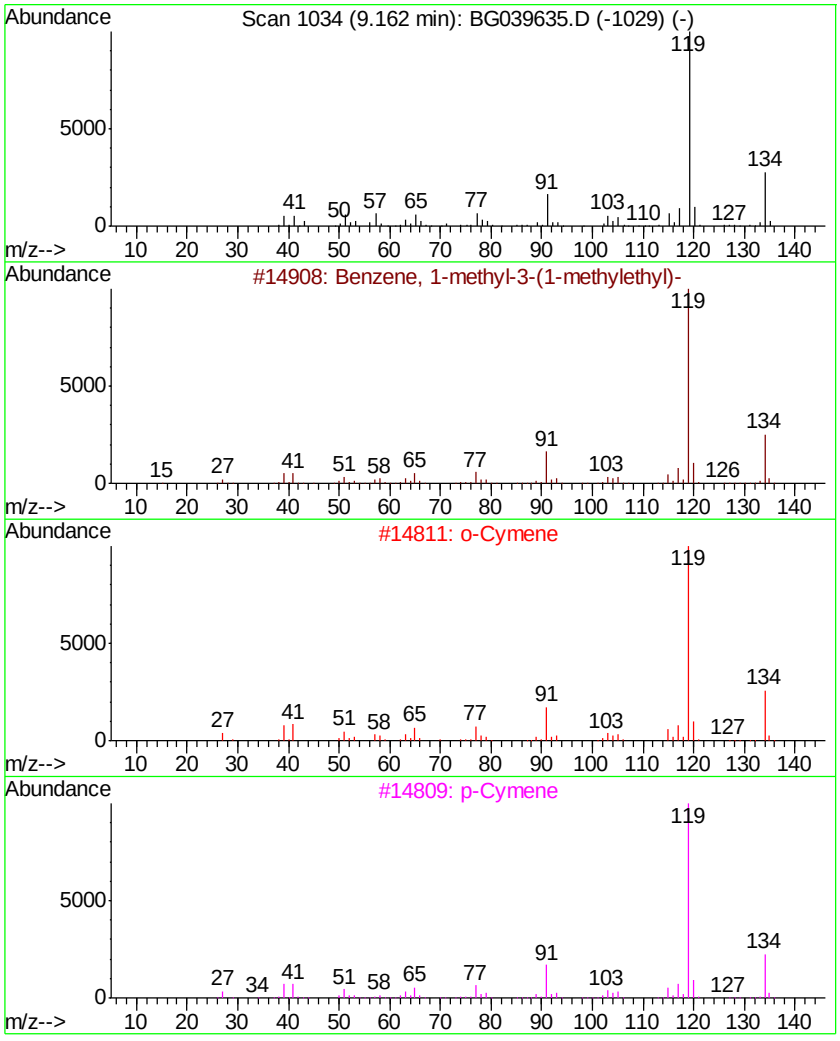
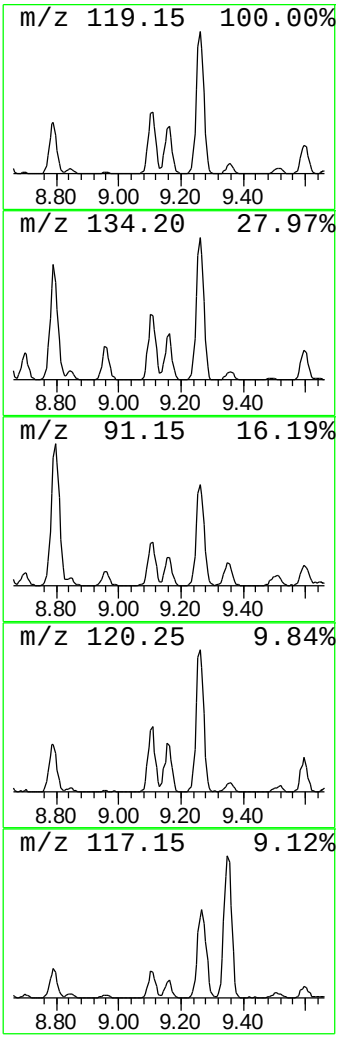
Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	16.51 ng	344551	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

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Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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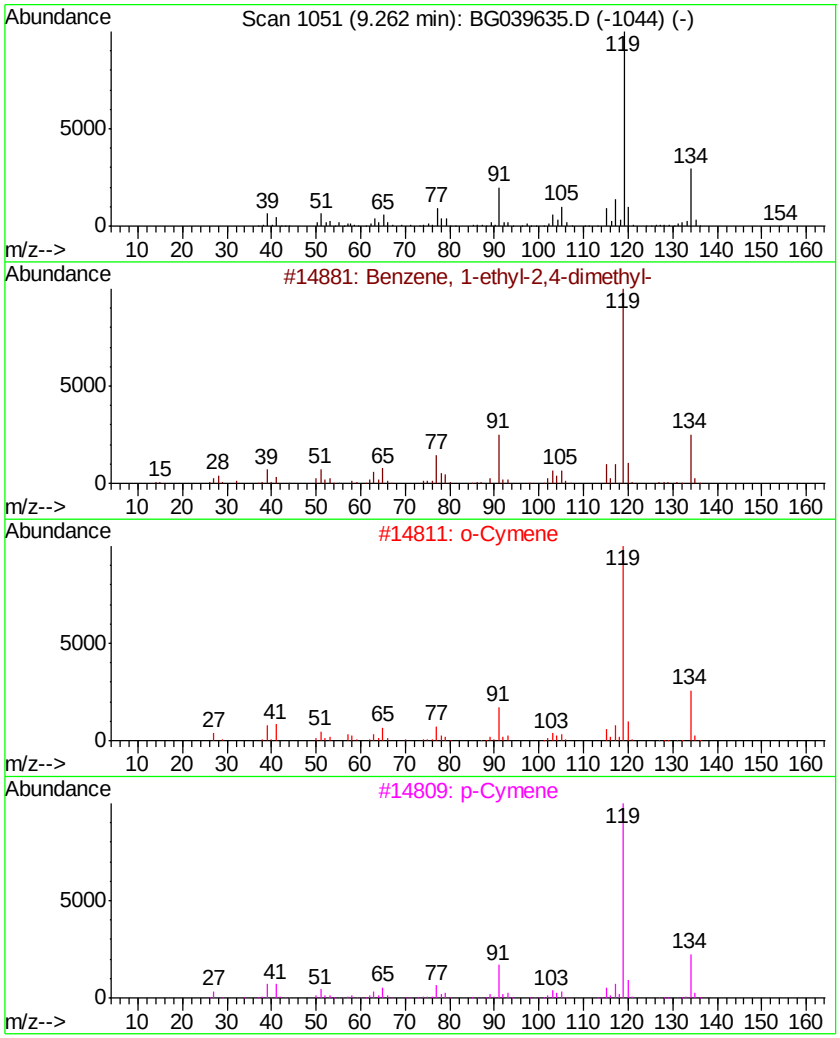
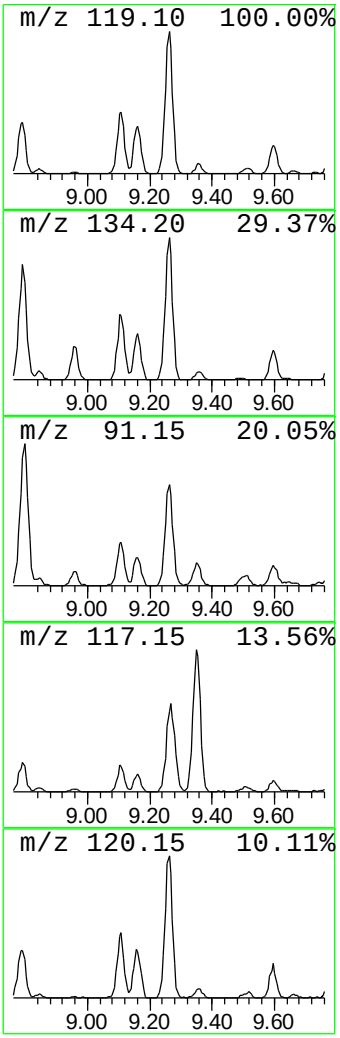
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	64.24 ng	1340380	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

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Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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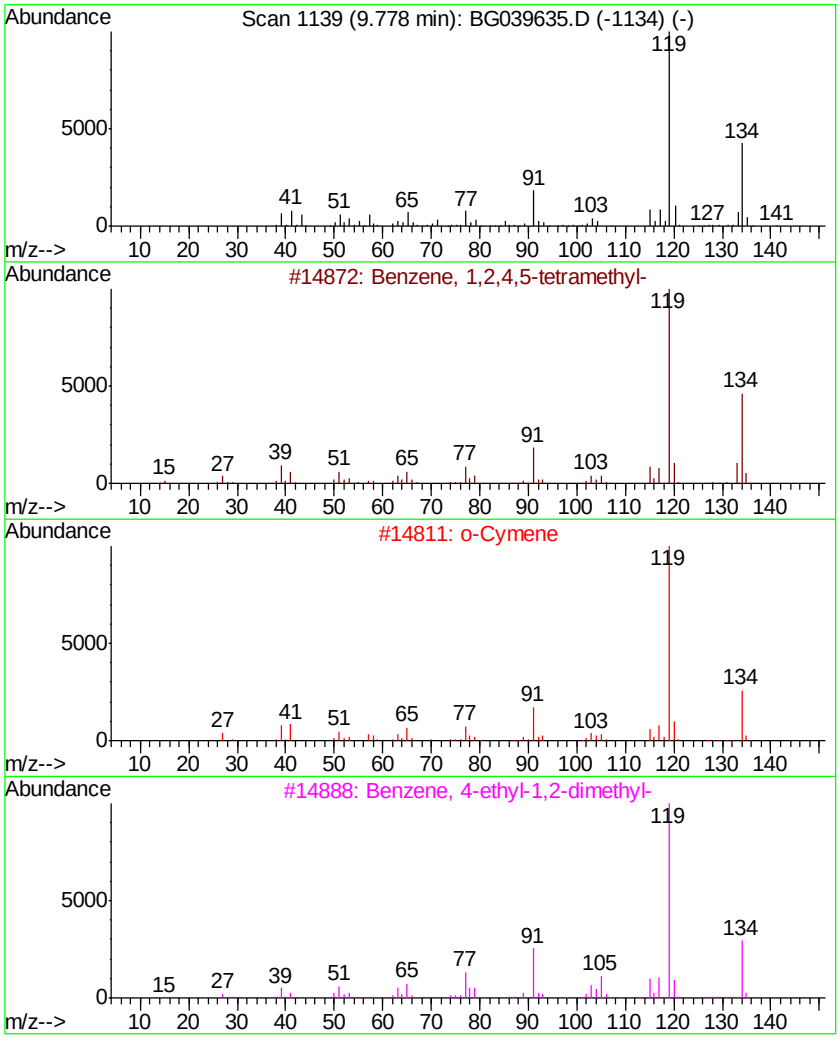
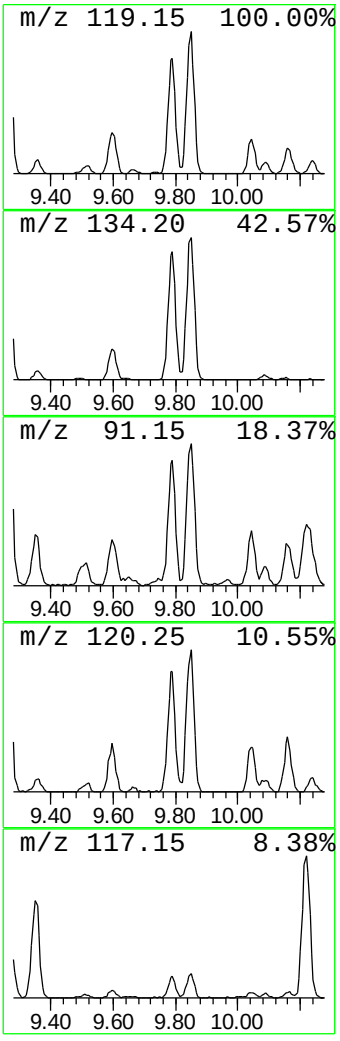
Peak Number 14 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	26.42 ng	764926	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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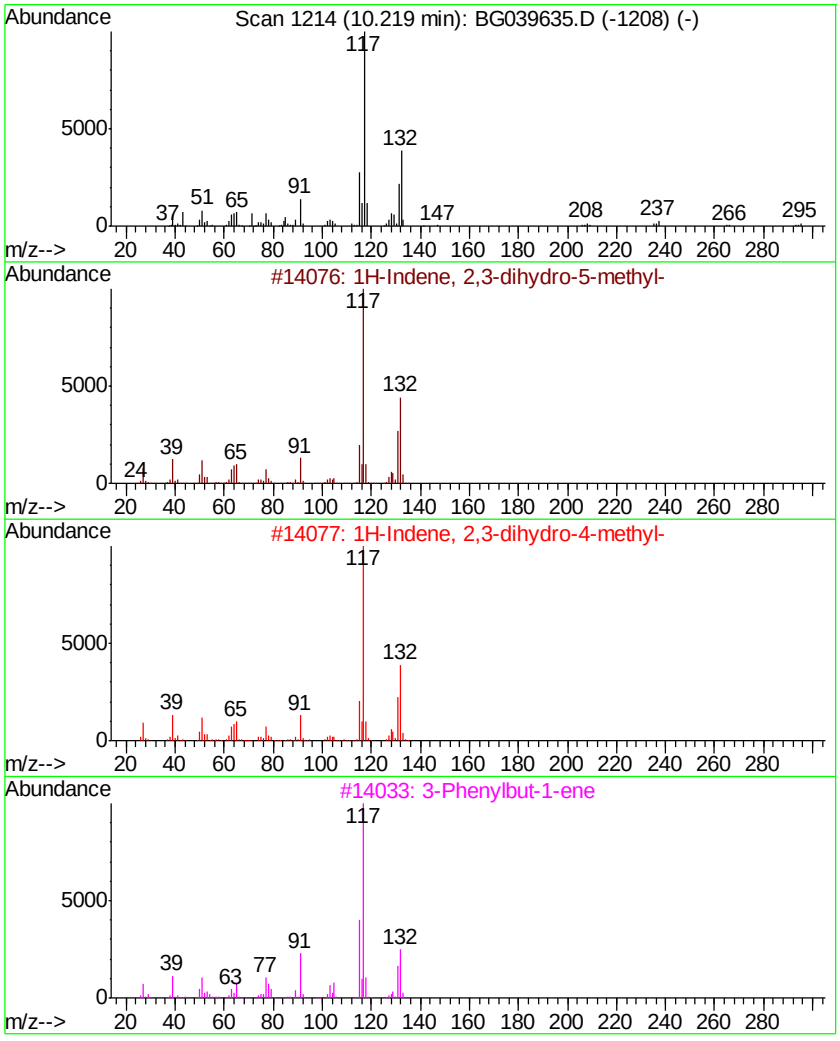
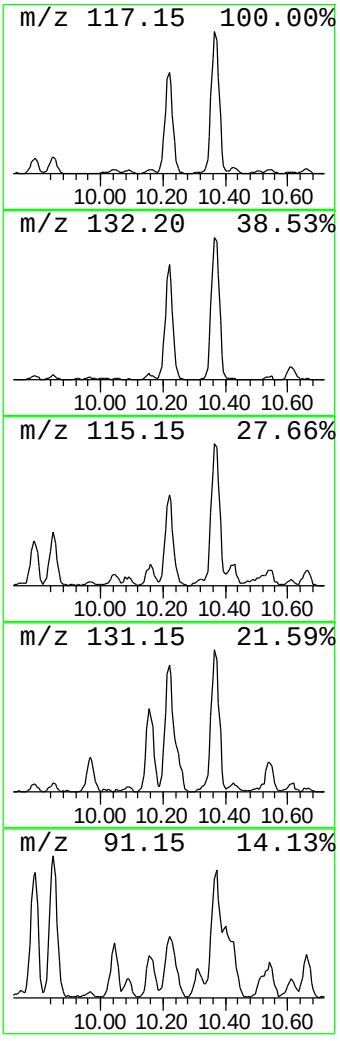
Peak Number 16 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	28.48 ng	824613	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Sample : K1594-38
Misc :
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Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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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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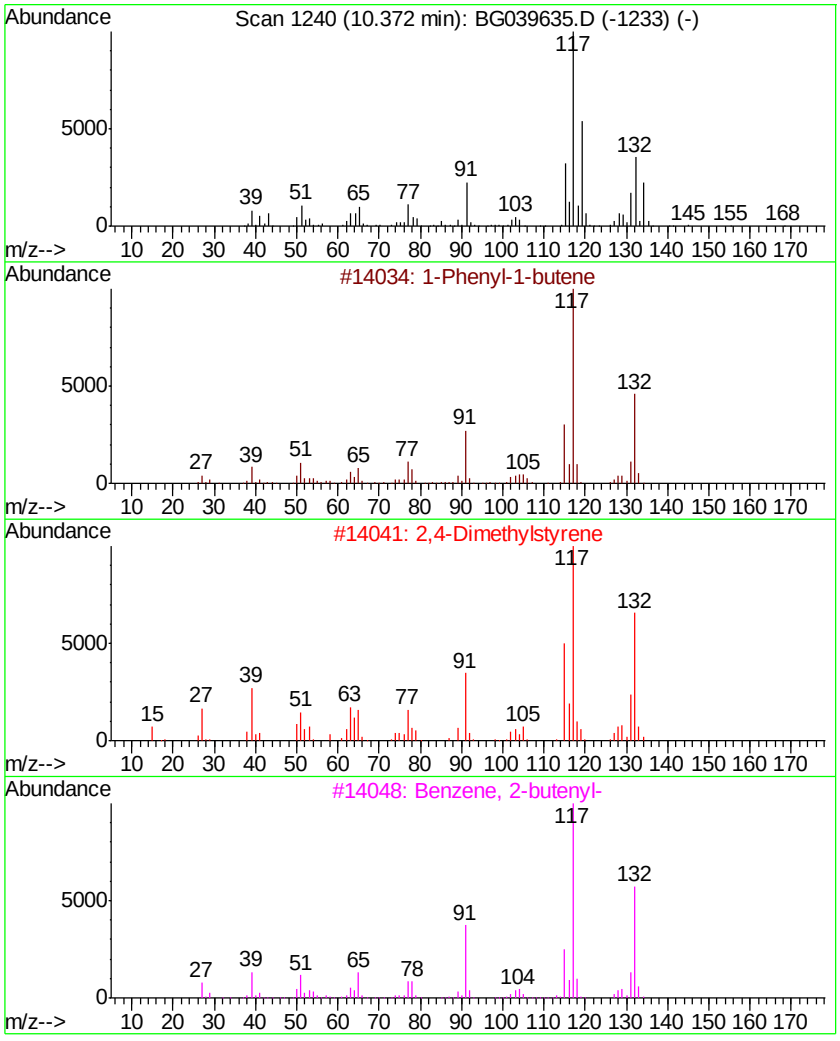
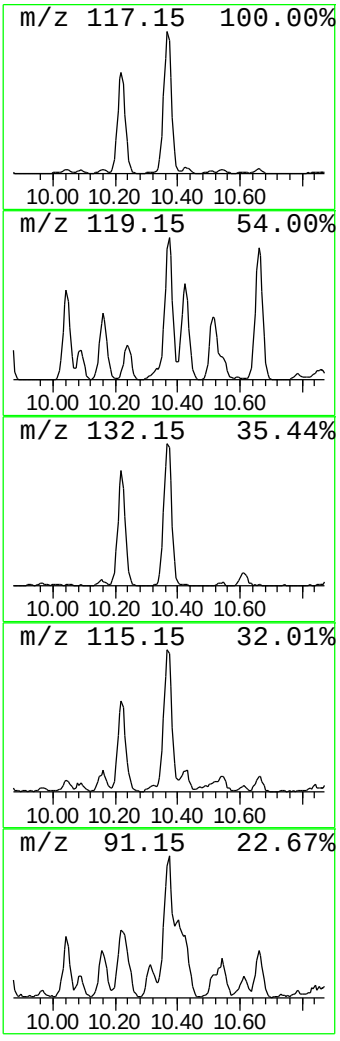
Peak Number 17 1-Phenyl-1-butene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	43.73 ng	1266230	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
5	Indan, 1-methyl-	132	C10H12	000767-58-8	64





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Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

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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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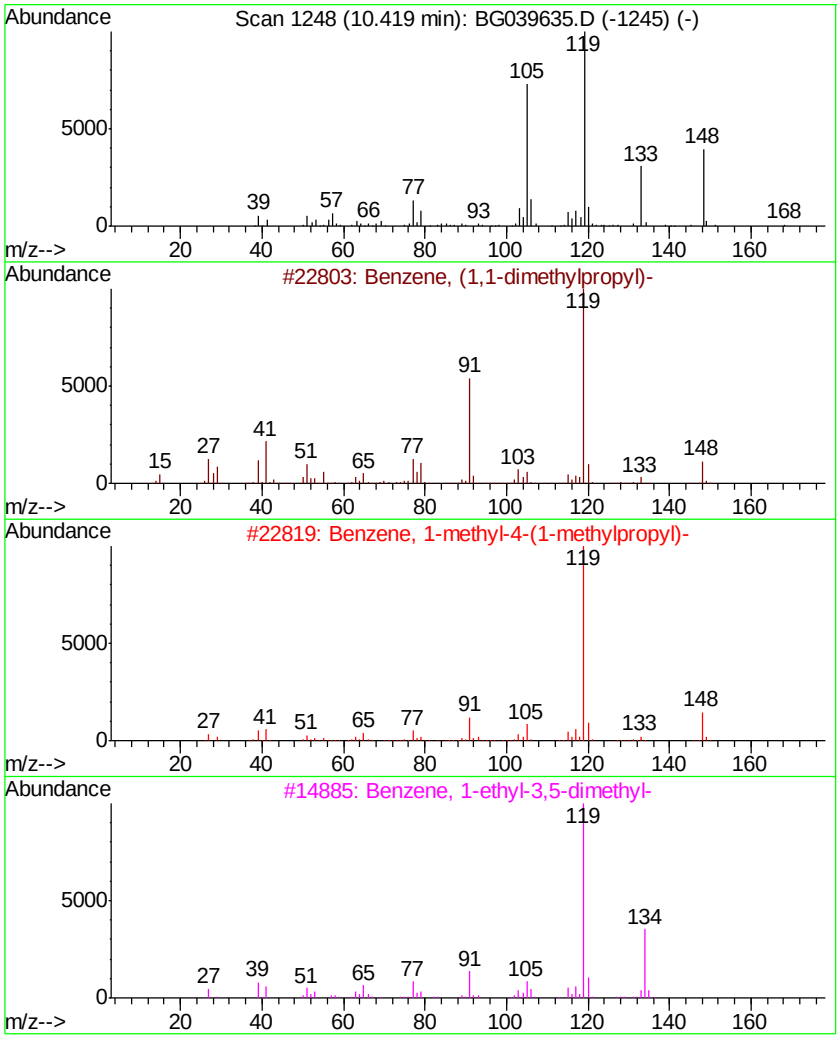
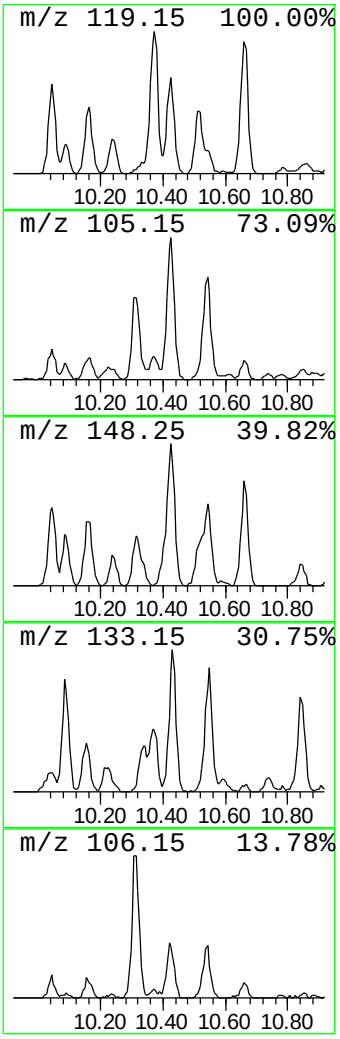
Peak Number 18 Benzene, (1,1-dimethylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	14.73 ng	426597	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
4	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	43
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43





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ClientSampleId : B-8(7.5-8.5)

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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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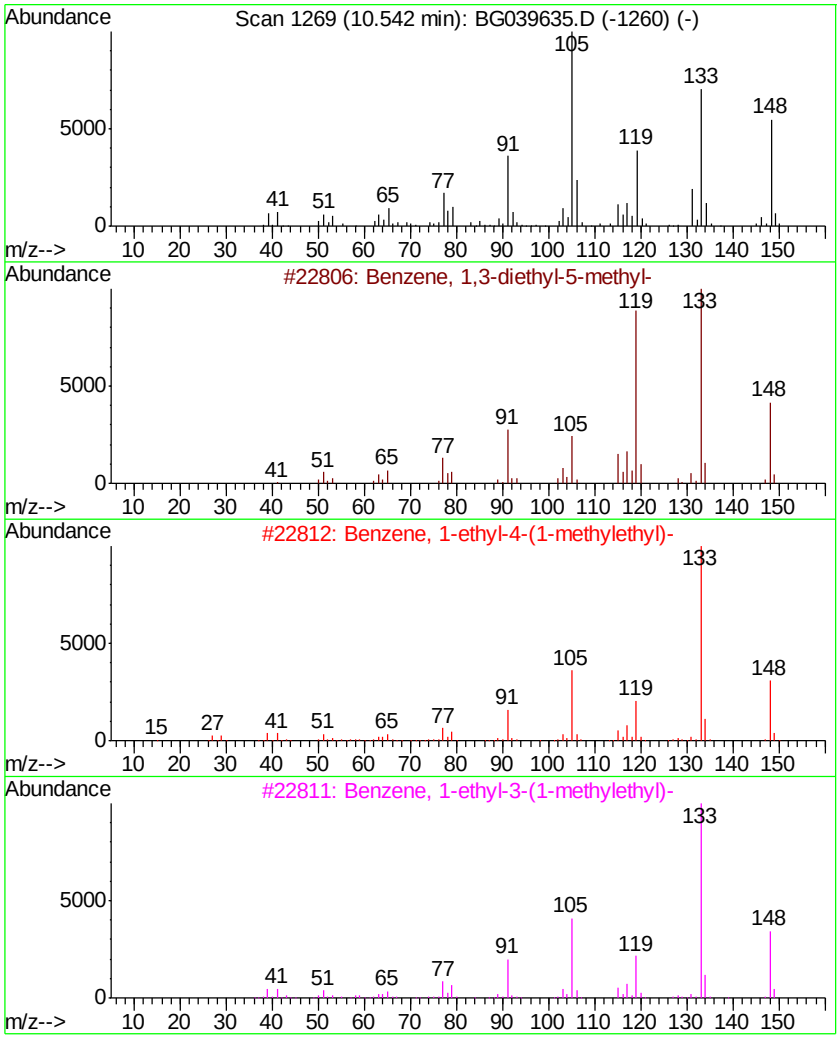
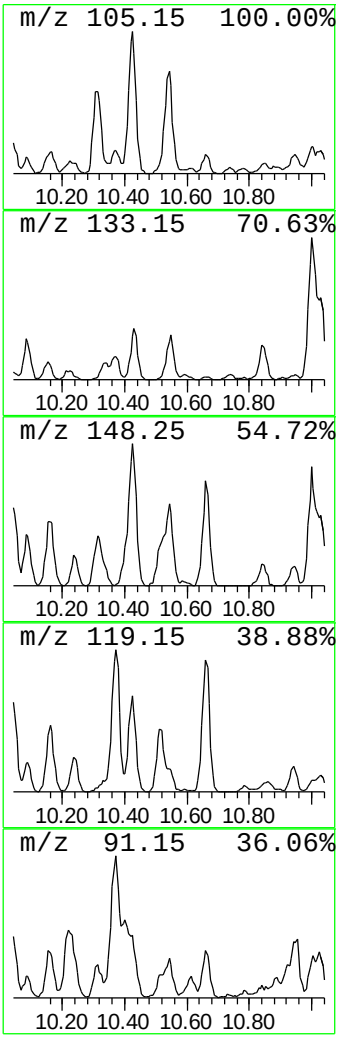
Peak Number 19 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	13.04 ng	377536	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	52
5	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

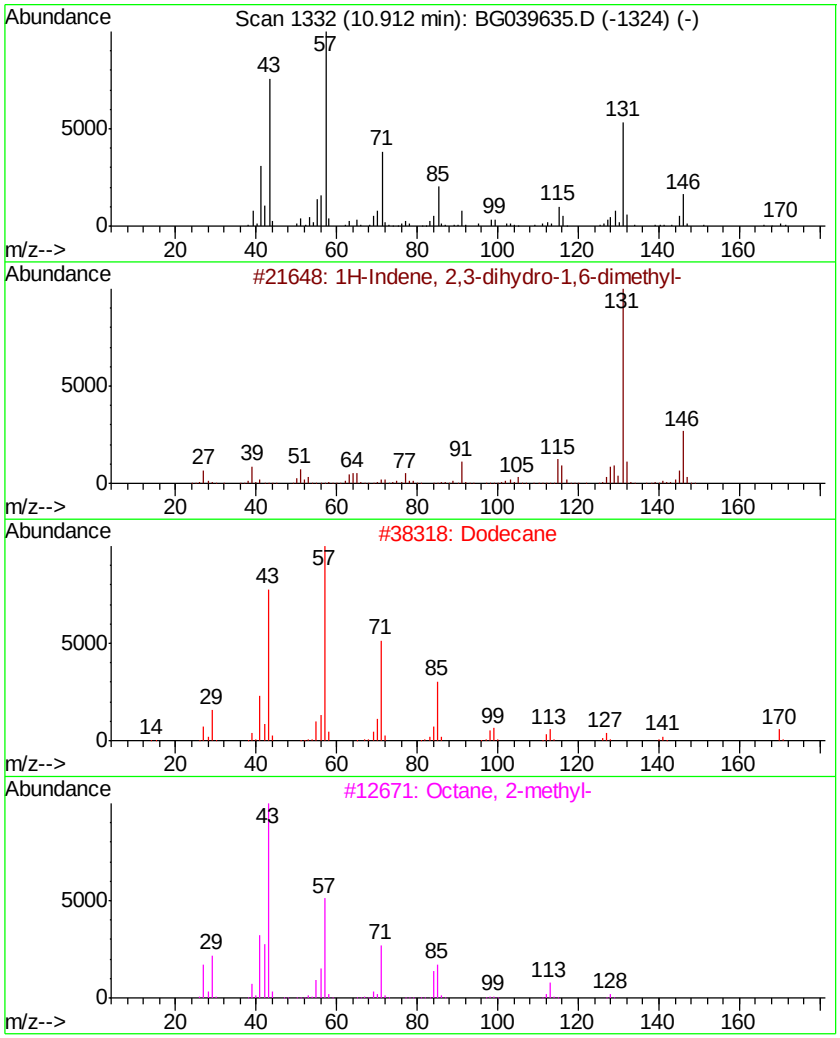
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

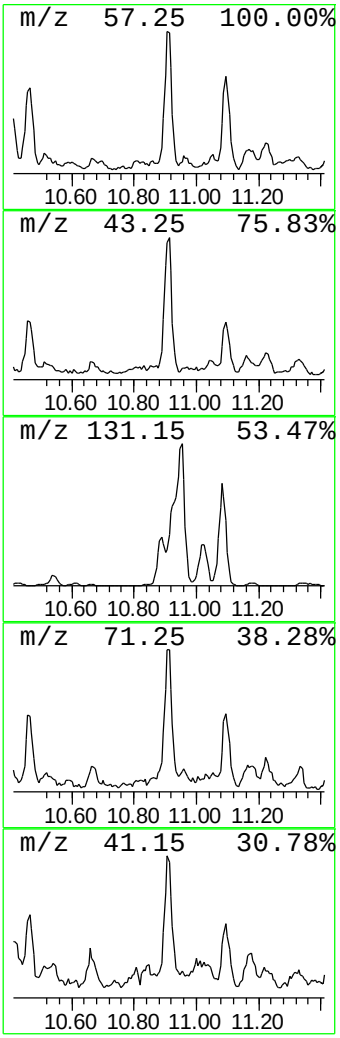
****

Peak Number 20 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	16.64 ng	481793	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
2	Dodecane	170	C12H26	000112-40-3	55
3	Octane, 2-methyl-	128	C9H20	003221-61-2	43
4	Tridecane	184	C13H28	000629-50-5	43
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022719\
Data File : BG039635.D
Acq On : 27 Feb 2019 15:20
Operator : JU/SJ
Sample : K1594-38
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-8(7.5-8.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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
Octane, 4-methyl-	4.16	16.4	ng	342257	1	8.17	417304	20.0
Nonane	6.13	15.9	ng	332770	1	8.17	417304	20.0
unknown7.12	7.12	42.7	ng	890536	1	8.17	417304	20.0
unknown7.69	7.69	81.7	ng	1704320	1	8.17	417304	20.0
Benzene, 1,2,3-tr...	7.80	54.3	ng	1131970	1	8.17	417304	20.0
Benzene, 1,4-diet...	8.64	31.8	ng	663684	1	8.17	417304	20.0
Benzene, 1-methyl...	8.70	19.7	ng	411567	1	8.17	417304	20.0
Benzene, 1,2-diet...	8.79	62.3	ng	1299060	1	8.17	417304	20.0
Benzene, 2-ethyl-...	9.11	23.1	ng	482797	1	8.17	417304	20.0
Benzene, 1-methyl...	9.16	16.5	ng	344551	1	8.17	417304	20.0
Benzene, 1-ethyl-...	9.26	64.2	ng	1340380	1	8.17	417304	20.0
Benzene, 1,2,4,5-...	9.78	26.4	ng	764926	2	10.99	579091	20.0
1H-Indene, 2,3-di...	10.22	28.5	ng	824613	2	10.99	579091	20.0
1-Phenyl-1-butene	10.37	43.7	ng	1266230	2	10.99	579091	20.0
Benzene, (1,1-dim...	10.42	14.7	ng	426597	2	10.99	579091	20.0
Benzene, 1,3-diet...	10.54	13.0	ng	377536	2	10.99	579091	20.0
1H-Indene, 2,3-di...	10.91	16.6	ng	481793	2	10.99	579091	20.0