LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG120418.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	3.331	5	7	15	rVB3	17978	26008	1.18%	0.118%
2	3.419	15	22	24	rBV3	36553	78402	3.57%	0.355%
3	3.449	24	27	31	rVB4	27442	38943	1.77%	0.176%
4	3.525	36	40	43	rVV	37417	59898	2.72%	0.271%
5	3.560	43	46	54	rVB2	33013	54735	2.49%	0.248%
6	3.695	63	69	71	rBV4	25614	41778	1.90%	0.189%
7	3.725	71	74	82	rVV5	31028	61961	2.82%	0.280%
8	3.819	86	90	97	rVB5	13529	27023	1.23%	0.122%
9	3.983	111	118	124	rVB2	85509	147575	6.71%	0.667%
10	4.060	124	131	136	rBV3	31004	58502	2.66%	0.265%
11	4.113	136	140	149	rVB6	41202	90368	4.11%	0.409%
12	4.213	149	157	161	rBV3	50167	104271	4.74%	0.472%
13	4.254	161	164	168	rVB	38423	47713	2.17%	0.216%
14	4.518	205	209	217	rVB3	54724	100514	4.57%	0.455%
15	4.589	217	221	228	rVB3	14773	34370	1.56%	0.155%
16	4.712	228	242	246	rBV	72591	165993	7.55%	0.751%
17	4.759	246	250	255	rVB3	18574	31440	1.43%	0.142%
18	4.876	266	270	277	rVB3	13388	22735	1.03%	0.103%
19	4.982	277	288	291	rBV4	32838	63850	2.90%	0.289%
20	5.017	291	294	298	rVB3	17563	22775	1.04%	0.103%
21	5.100	304	308	312	rVB2	24455	32313	1.47%	0.146%
22	5.299	335	342	347	rVB6	29656	60621	2.76%	0.274%
23	5.352	347	351	356	rBV2	26756	41448	1.89%	0.187%
24	5.552	378	385	390	rVV	106534	189093	8.60%	0.855%
25	5.611	390	395	401	rVV	192651	329485	14.99%	1.490%
26	5.705	401	411	425	rVB6	51781	177740	8.08%	0.804%
27	5.828	426	432	438	rBV6	13367	27139	1.23%	0.123%
28	6.533	544	552	567	rVV	321062	593971	27.02%	2.686%
29	6.780	585	594	599	rBV9	10537	27085	1.23%	0.123%
30	7.027	630	636	642	rBV	117347	197924	9.00%	0.895%
31	7.127	648	653	659	rVB6	10351	22816	1.04%	0.103%
32	7.215	659	668	683	rBV2	132091	301872	13.73%	1.365%
33	7.438	700	706	714	rVB	107253	184236	8.38%	0.833%
34	7.597	726	733	739	rBV	386506	682061	31.02%	3.085%

LSC Area Percent Report

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Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG120418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.650	739	742	747	rVB2	14779	23116	1.05%	0.105%
36	7.920	777	788	791	rBV2	22812	49166	2.24%	0.222%
37	7.949	791	793	798	rVB	23993	33715	1.53%	0.152%
38	8.067	807	813	826	rBV	94594	186246	8.47%	0.842%
39	8.173	826	831	839	rVB3	29410	56225	2.56%	0.254%
40	8.390	855	868	872	rBV	369093	724552	32.96%	3.277%
41	8.437	872	876	886	rVB	479521	850302	38.68%	3.846%
42	8.543	887	894	902	rBV	347130	573194	26.07%	2.592%
43	8.696	911	920	925	rBV2	138508	257515	11.71%	1.165%
44	8.743	925	928	938	rVB	81645	139585	6.35%	0.631%
45	8.860	943	948	959	rVB	45848	82267	3.74%	0.372%
46	9.166	992	1000	1007	rBV	840407	1489303	67.74%	6.736%
47	9.248	1007	1014	1023	rVB3	647016	1222962	55.63%	5.531%
48	9.412	1034	1042	1051	rVB4	36674	97435	4.43%	0.441%
49	9.512	1051	1059	1063	rVV3	20424	43425	1.98%	0.196%
50	9.688	1082	1089	1096	rVV	466408	792279	36.04%	3.583%
51	9.871	1116	1120	1125	rVB	18395	30225	1.37%	0.137%
52	9.941	1125	1132	1137	rBV	49679	88694	4.03%	0.401%
53	9.988	1137	1140	1146	rVB4	19177	32156	1.46%	0.145%
54	10.059	1146	1152	1157	rBV4	45768	91238	4.15%	0.413%
55	10.117	1157	1162	1173	rVB2	261814	519340	23.62%	2.349%
56	10.270	1173	1188	1195	rBV	412404	852639	38.78%	3.856%
57	10.329	1195	1198	1203	rVB	46753	67279	3.06%	0.304%
58	10.446	1209	1218	1223	rBV	45019	81658	3.71%	0.369%
59	10.529	1223	1232	1234	rVV4	41299	95960	4.36%	0.434%
60	10.558	1234	1237	1245	rVB2	65289	114646	5.21%	0.519%
61	10.740	1260	1268	1272	rBV3	15254	41903	1.91%	0.190%
62	10.787	1272	1276	1279	rVV2	44557	80370	3.66%	0.364%
63	10.846	1279	1286	1289	rVV2	105039	264734	12.04%	1.197%
64	10.893	1289	1294	1305	rVV3	173662	522080	23.75%	2.361%
65	10.981	1305	1309	1318	rVB	79805	142770	6.49%	0.646%
66	11.075	1318	1325	1331	rBV	57554	99509	4.53%	0.450%
67	11.146	1331	1337	1344	rBV	21692	41852	1.90%	0.189%
68	11.228	1344	1351	1357	rBV4	18028	38169	1.74%	0.173%
69	11.475	1386	1393	1394	rBV6	12693	23518	1.07%	0.106%
70	11.533	1399	1403	1408	rVB	30298	52234	2.38%	0.236%
71	11.786	1437	1446	1454	rVB	72529	131680	5.99%	0.596%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.974	1470	1478	1487	rVV	44219	87620	3.99%	0.396%
73	12.062	1487	1493	1505	rVB7	21266	57361	2.61%	0.259%
74	12.186	1505	1514	1520	rBV	40527	71351	3.25%	0.323%
75	12.256	1520	1526	1535	rVB4	32394	73195	3.33%	0.331%
76	12.755	1603	1611	1619	rVB	191781	332418	15.12%	1.503%
77	13.049	1656	1661	1667	rVB5	16130	28301	1.29%	0.128%
78	13.167	1677	1681	1689	rVB4	15672	29648	1.35%	0.134%
79	13.325	1700	1708	1715	rBV	918608	1473187	67.01%	6.663%
80	13.678	1762	1768	1772	rBV2	20694	32932	1.50%	0.149%
81	13.837	1790	1795	1798	rBV3	25507	44743	2.04%	0.202%
82	13.878	1798	1802	1808	rVB3	29142	53600	2.44%	0.242%
83	14.019	1820	1826	1830	rBV3	25673	49951	2.27%	0.226%
84	14.072	1831	1835	1841	rVB5	17913	31936	1.45%	0.144%
85	14.148	1841	1848	1853	rBV	43418	67617	3.08%	0.306%
86	14.706	1936	1943	1951	rBV2	228249	389756	17.73%	1.763%
87	16.193	2189	2196	2210	rBV	765030	1235516	56.20%	5.588%
88	17.450	2403	2410	2421	rVB2	323003	490938	22.33%	2.220%
89	18.308	2551	2556	2562	rBV	56115	86762	3.95%	0.392%
90	19.577	2767	2772	2783	rBV3	29041	58076	2.64%	0.263%
91	20.053	2846	2853	2861	rBV	1677571	2198558	100.00%	9.944%
92	21.727	3129	3138	3147	rBV	311672	533220	24.25%	2.412%
93	25.029	3685	3700	3713	rVB3	164960	502522	22.86%	2.273%

Sum of corrected areas: 22109807

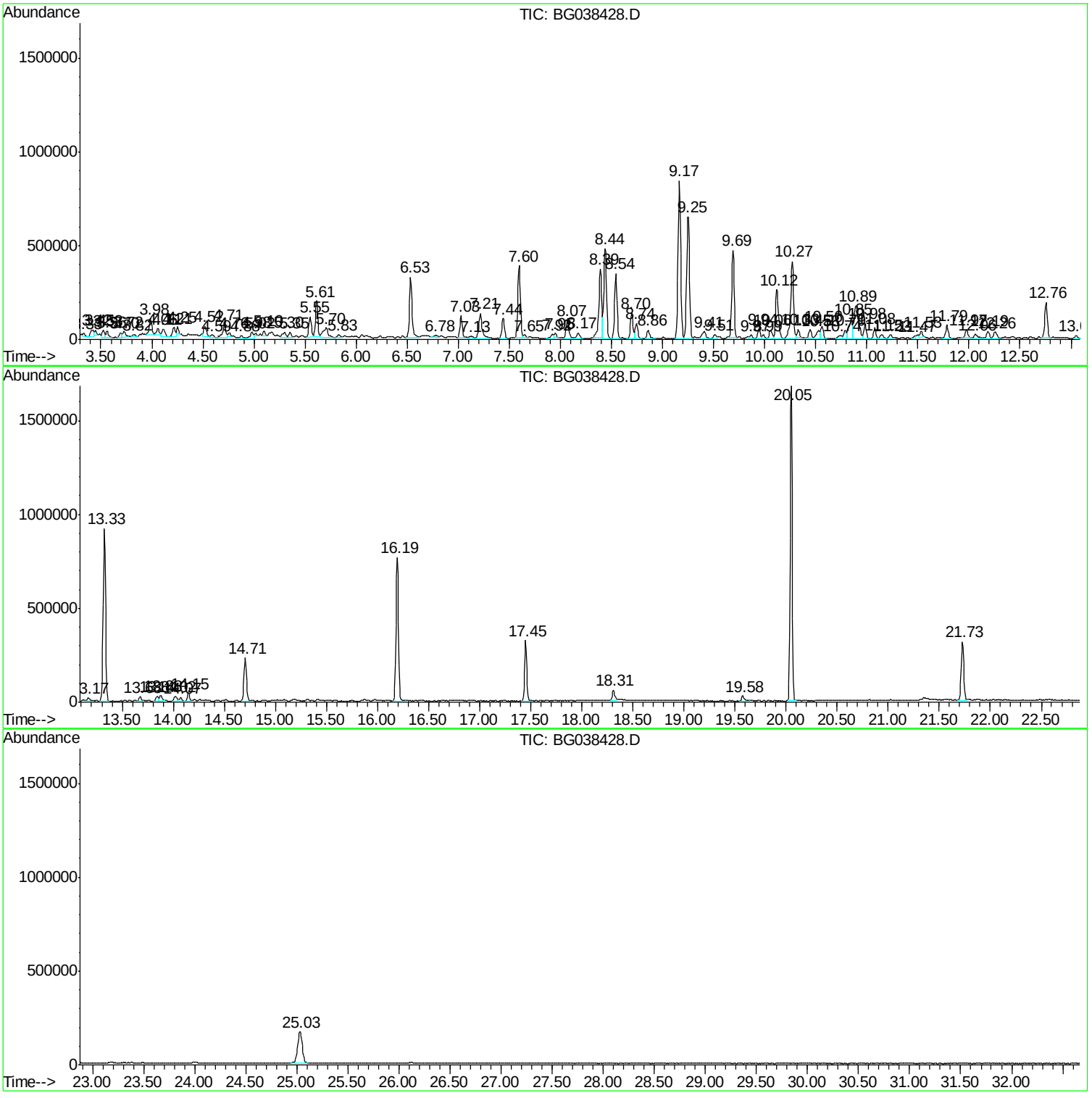
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.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\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

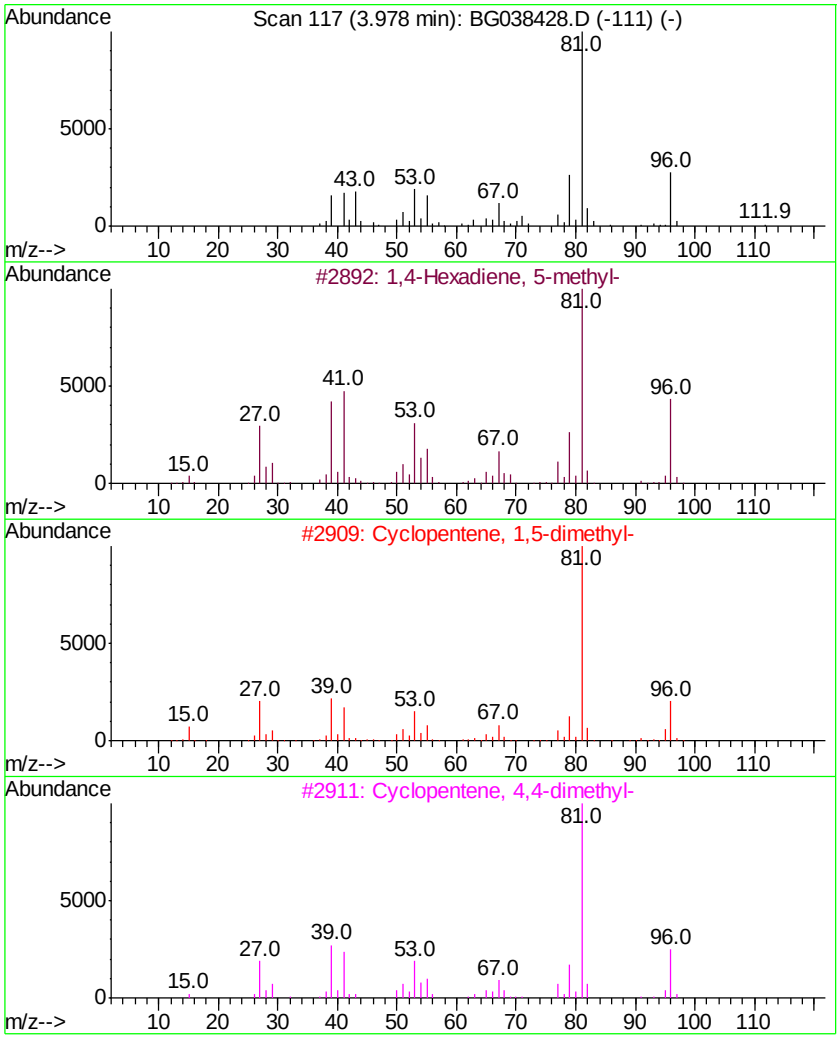
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

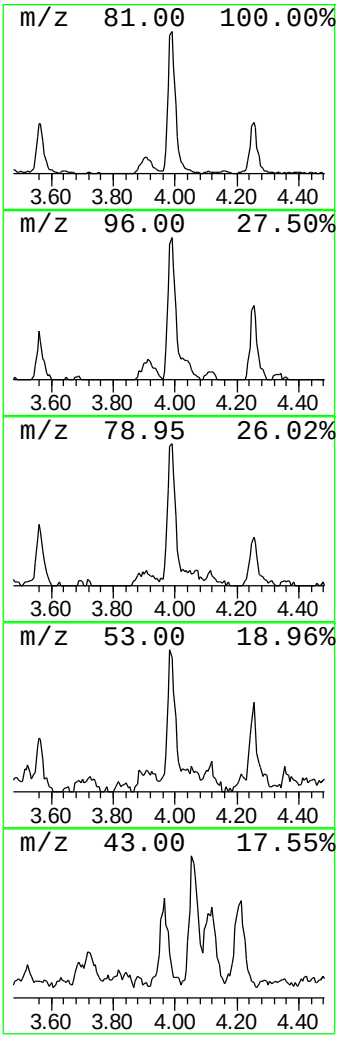
****

Peak Number 1 1,4-Hexadiene, 5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	15.85 ng	147575	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	91
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	83
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

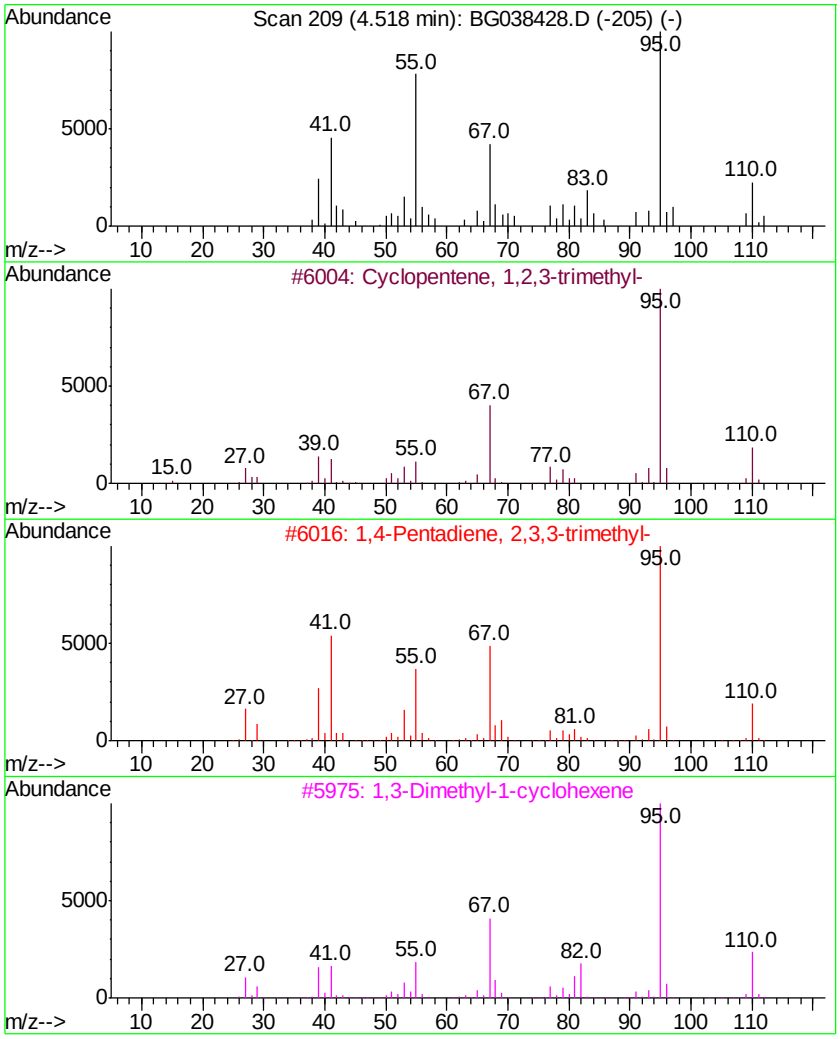
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

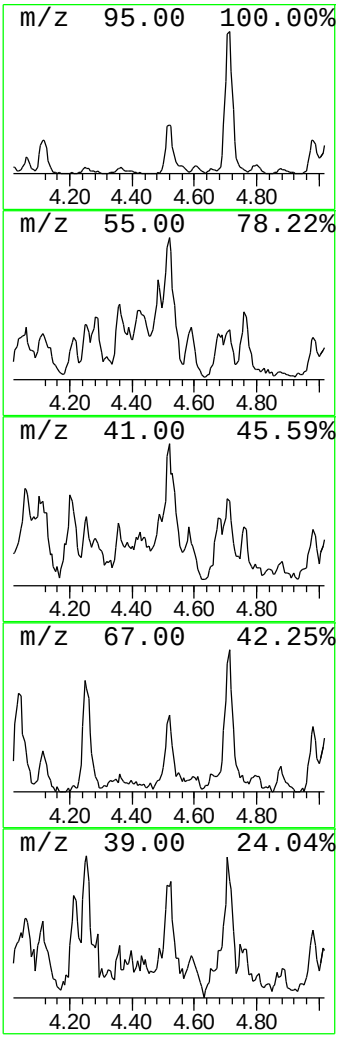
****

Peak Number 3 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	10.79 ng	100514	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	70
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	62
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	62
5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

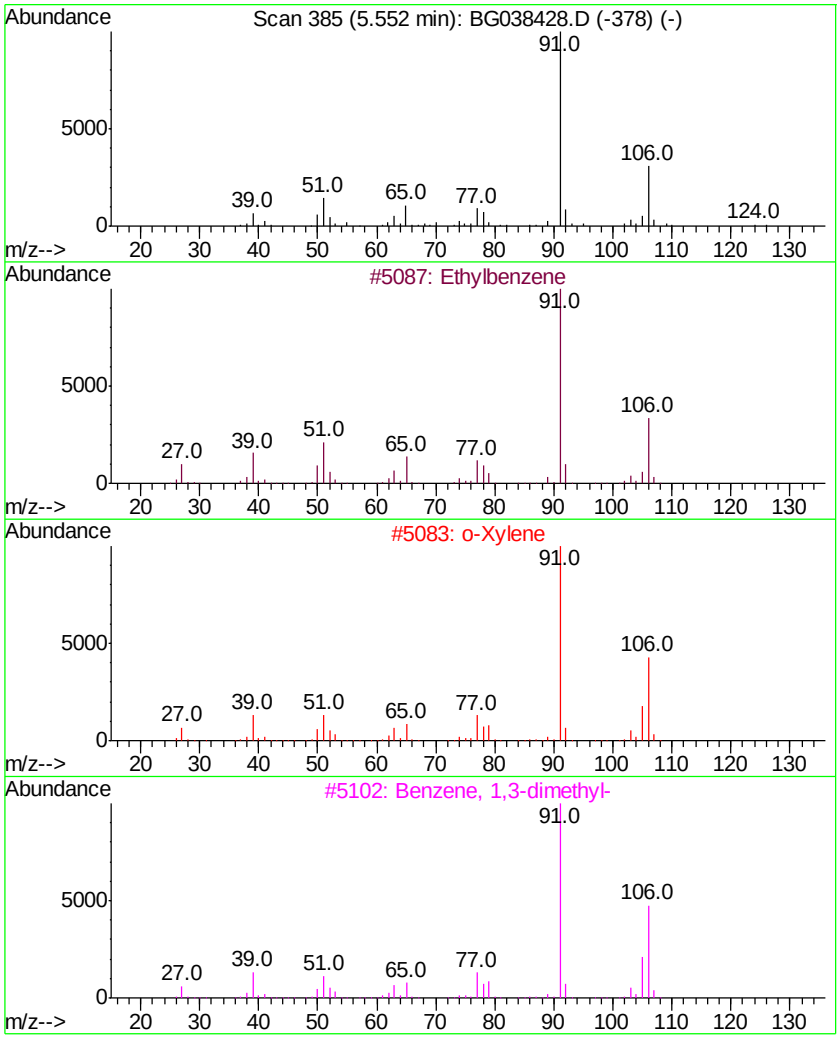
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

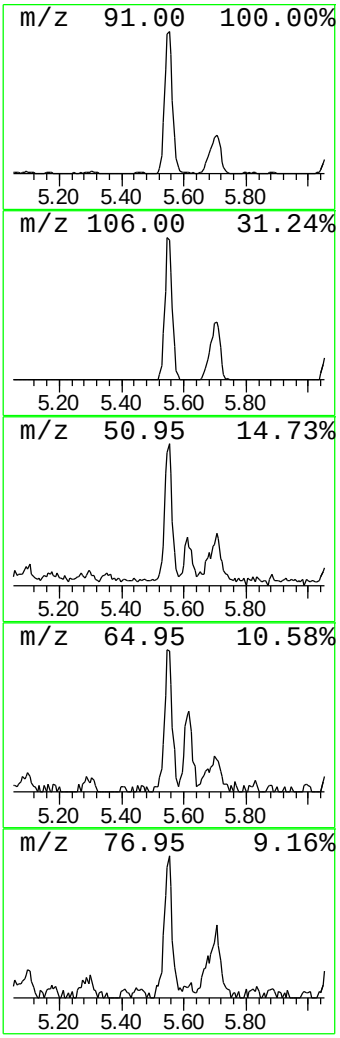
****

Peak Number 5 Ethylbenzene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	20.31 ng	189093	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	81
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	74
4	p-Xylene	106	C8H10	000106-42-3	72
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

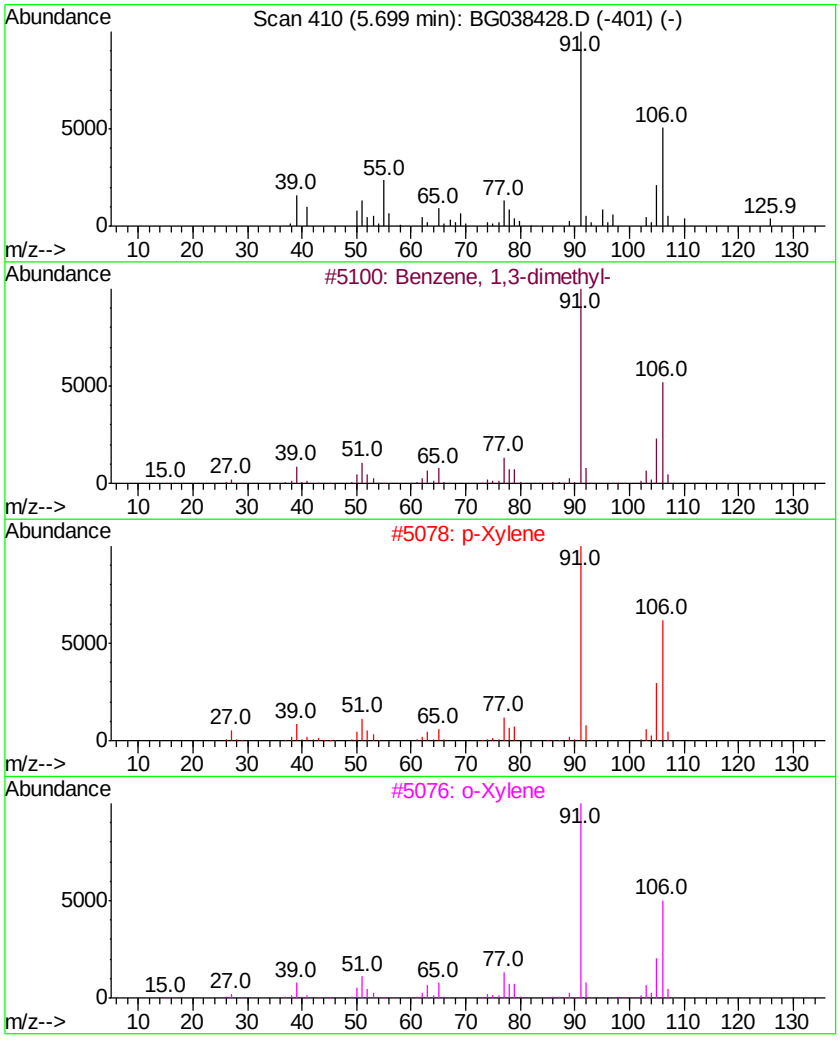
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

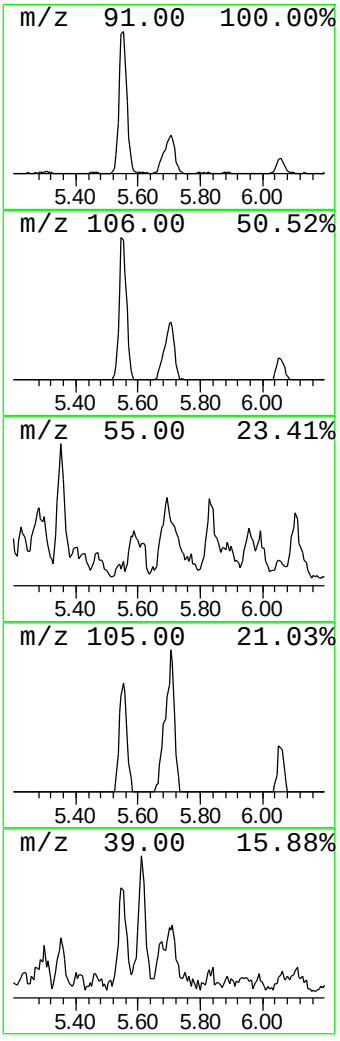
****

Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	19.09 ng	177740	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2	p-Xylene	106	C8H10	000106-42-3	90
3	o-Xylene	106	C8H10	000095-47-6	81
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64
5	Ethylbenzene	106	C8H10	000100-41-4	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

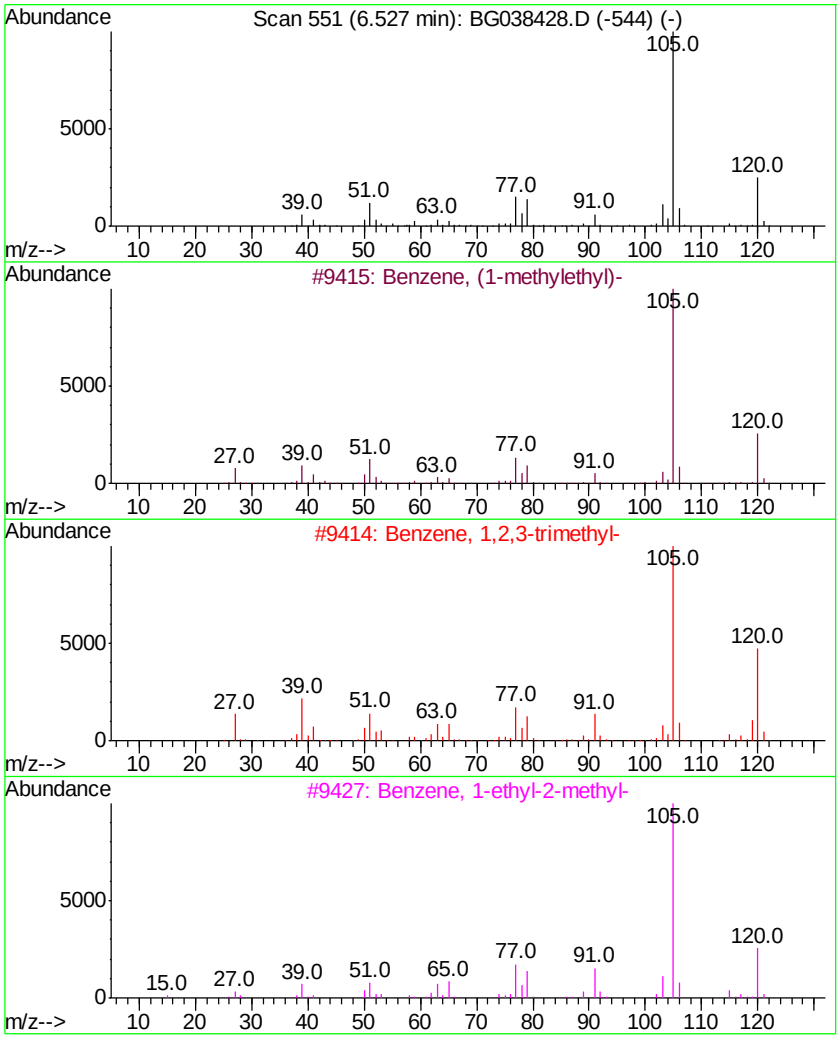
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

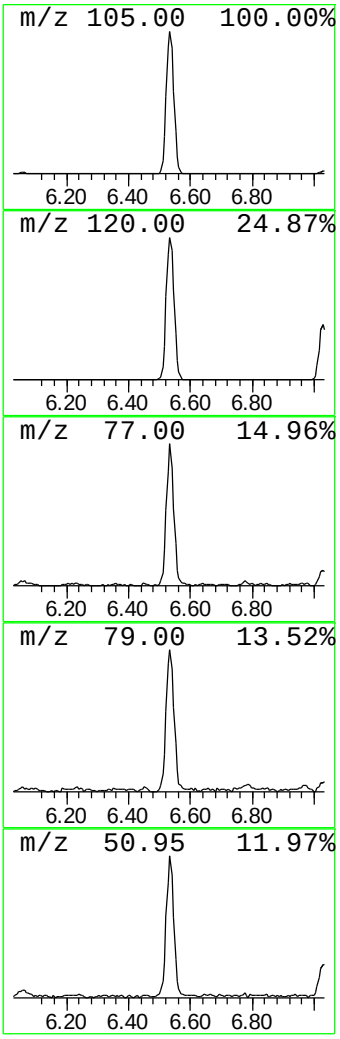
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	63.78 ng	593971	1,4-Dichlorobenzene-d4	8.07

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	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

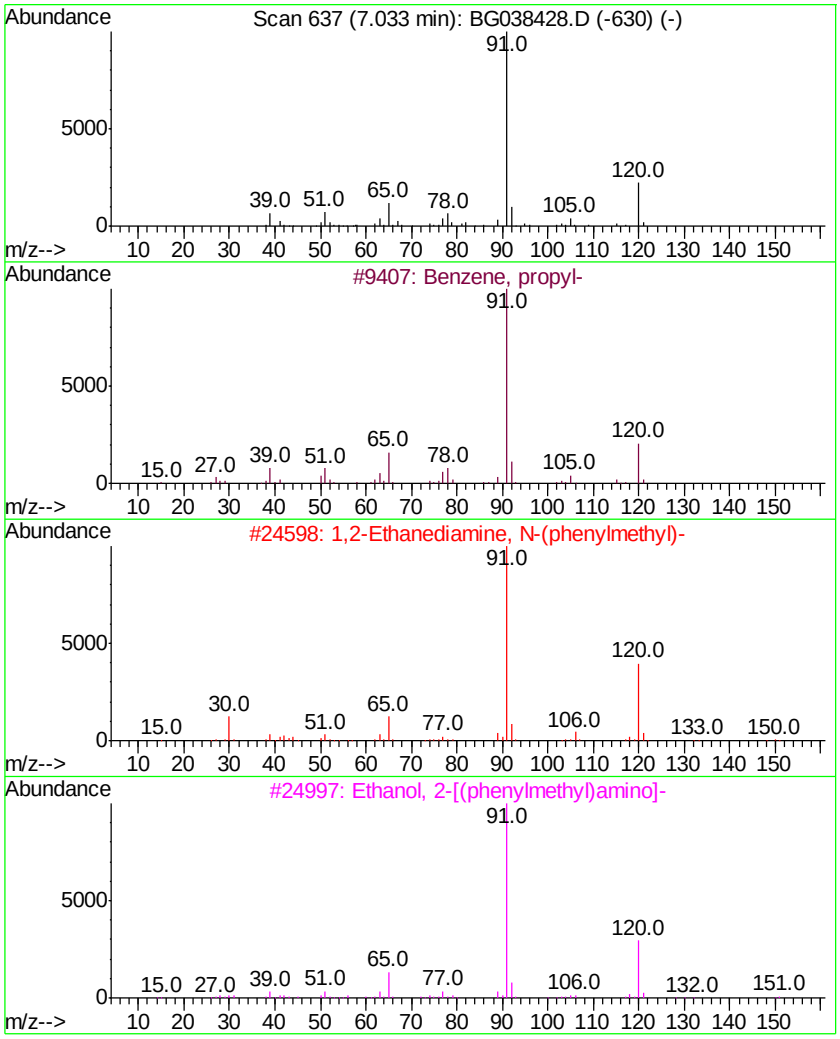
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

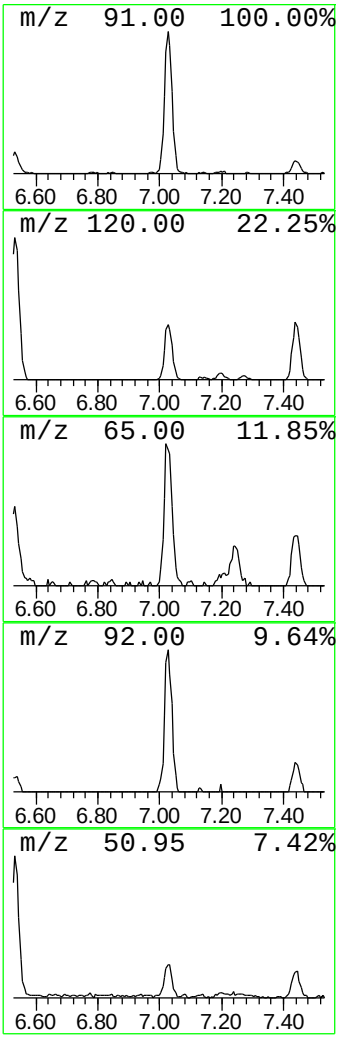
****

Peak Number 8 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	21.25 ng	197924	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





Library Search Compound Report

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Data File : BG038428.D
Acq On : 8 Dec 2018 8:36
Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.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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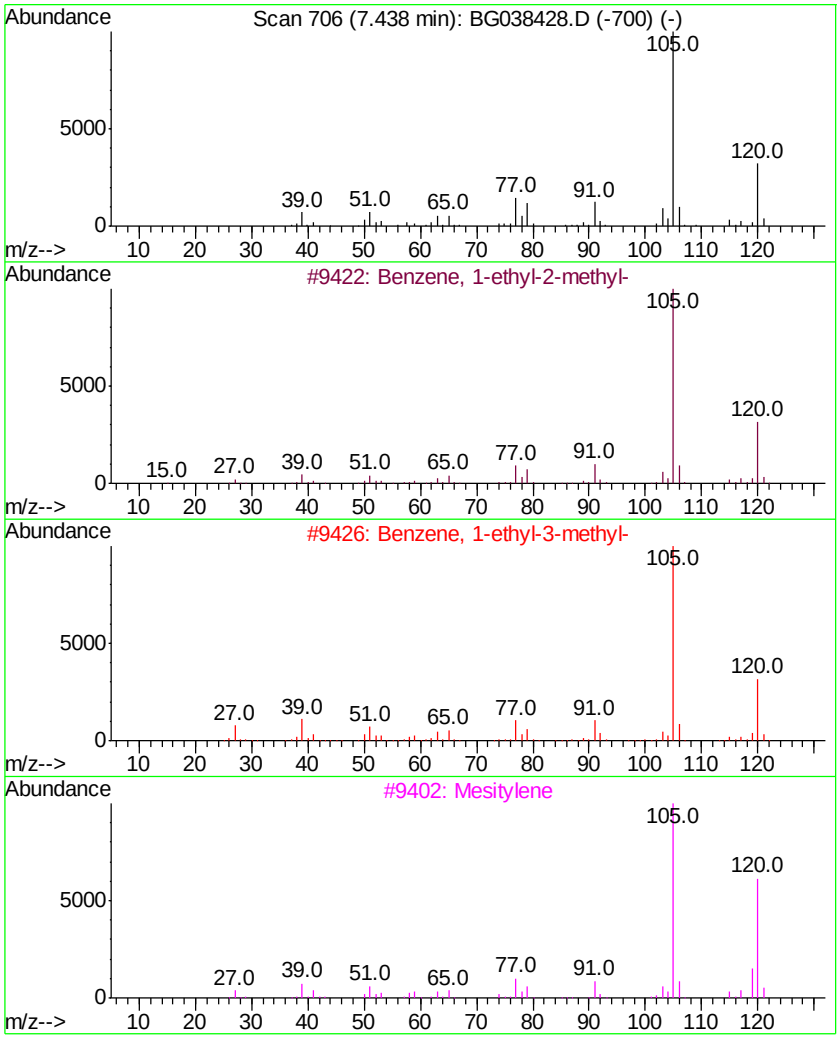
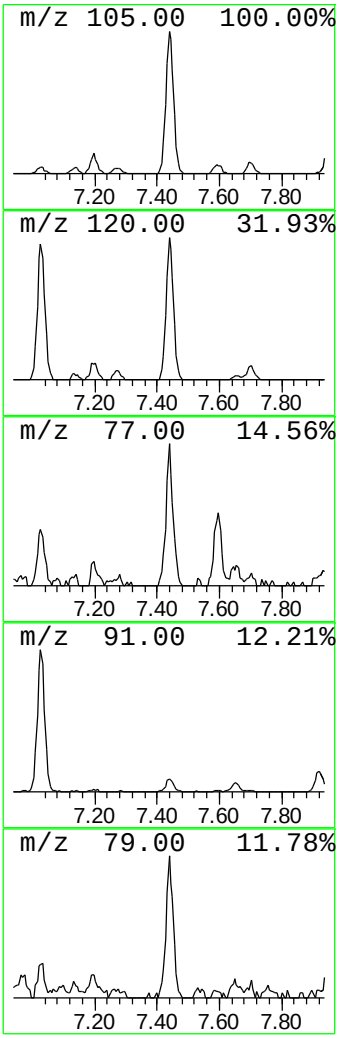
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	19.78 ng	184236	1,4-Dichlorobenzene-d4	8.07

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	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Sample : J6019-03
Misc :
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Instrument : BNA_G
ClientSampleId : MW-3

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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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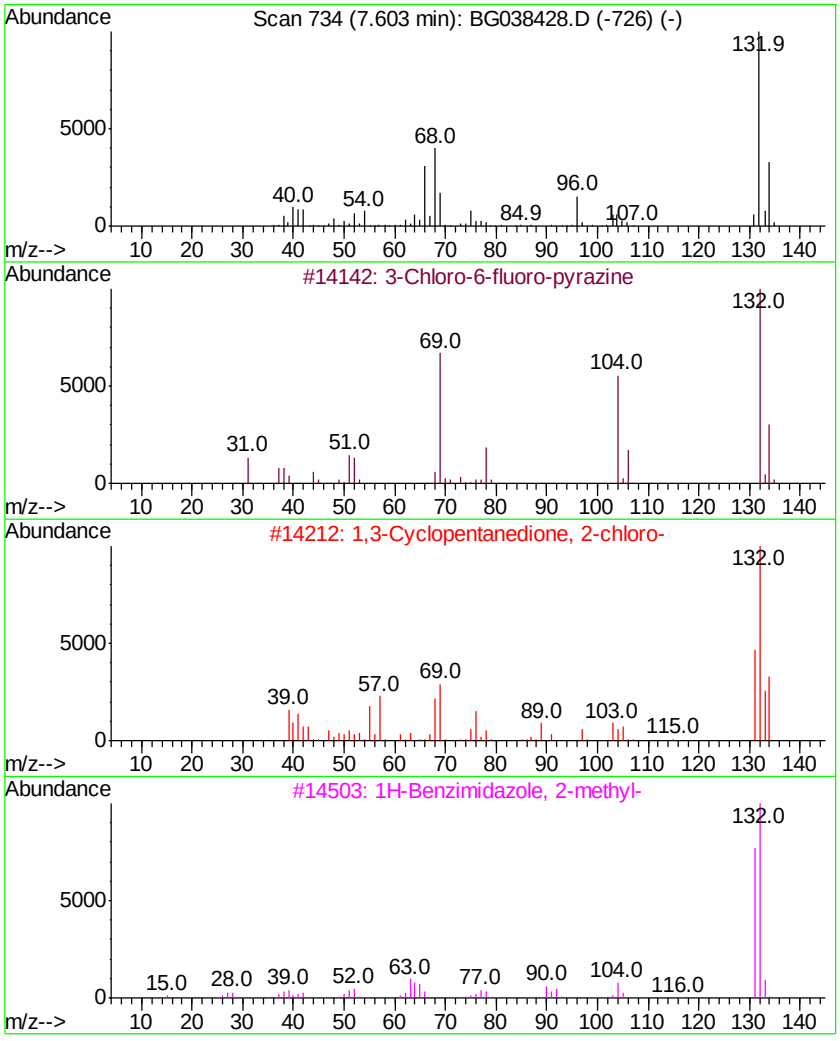
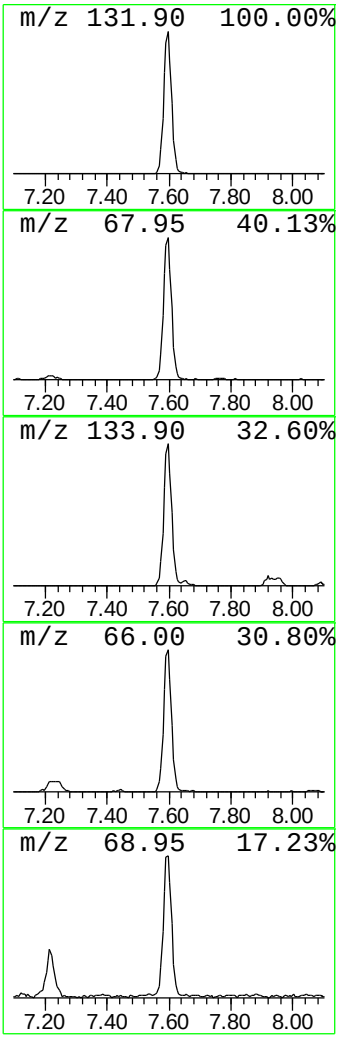
Peak Number 10 unknown7.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	73.24 ng	682061	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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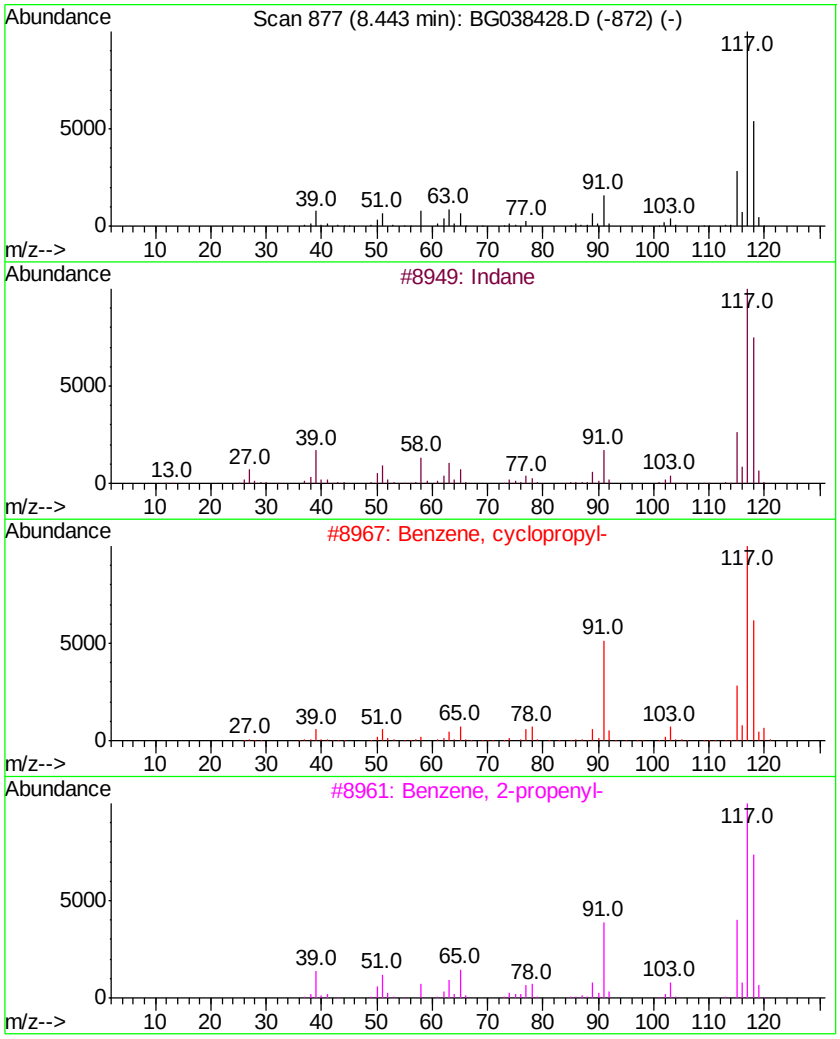
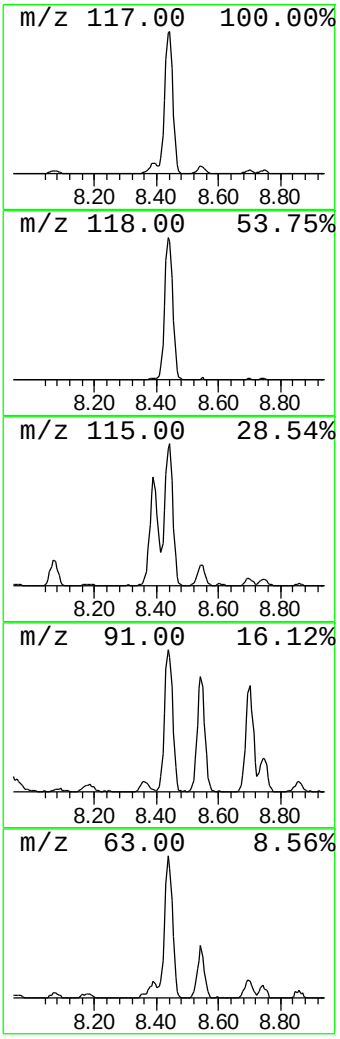
Peak Number 12 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	91.31 ng	850302	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





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Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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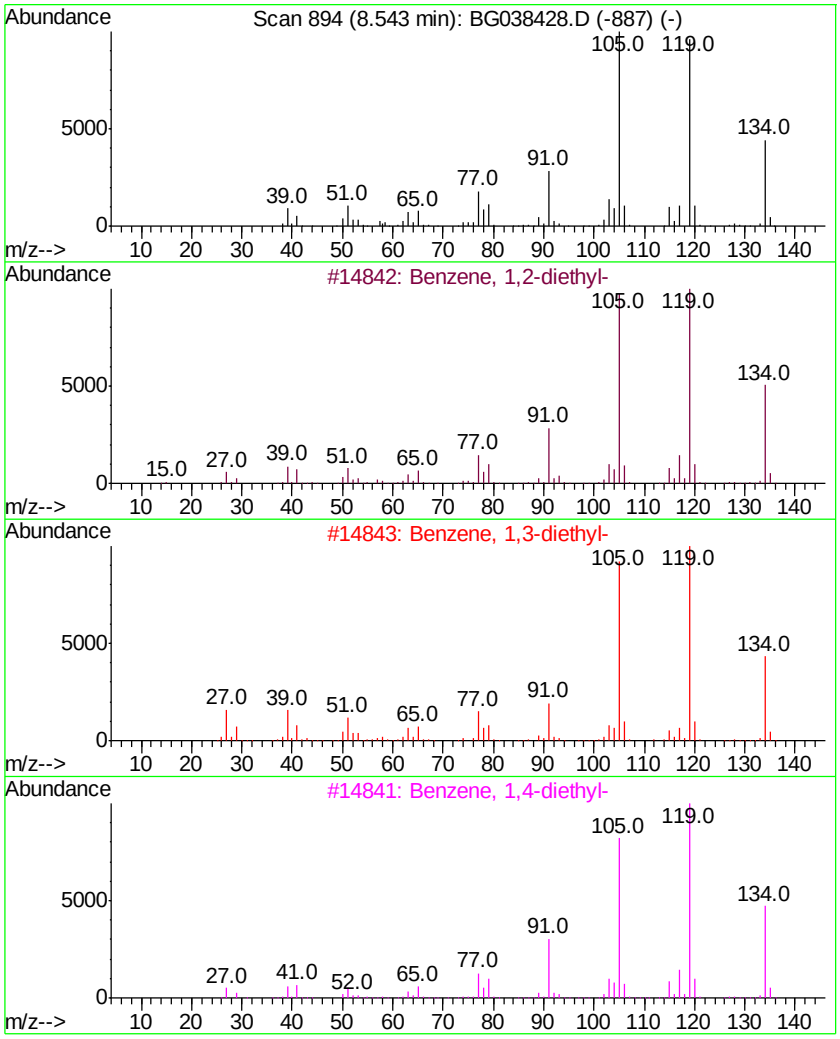
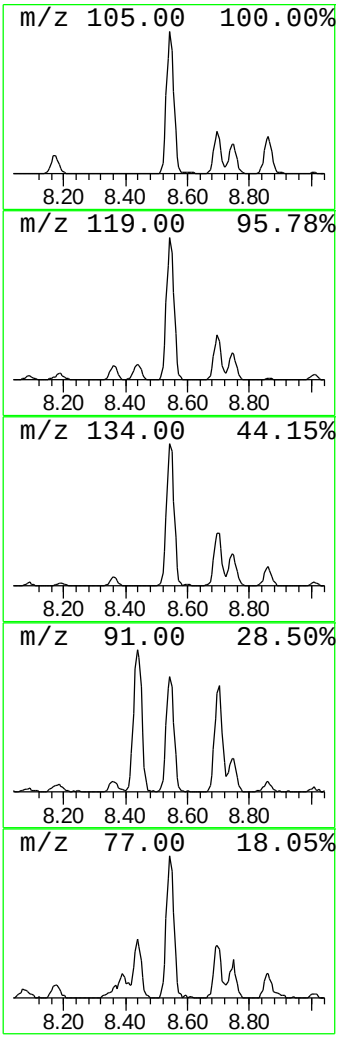
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	61.55 ng	573194	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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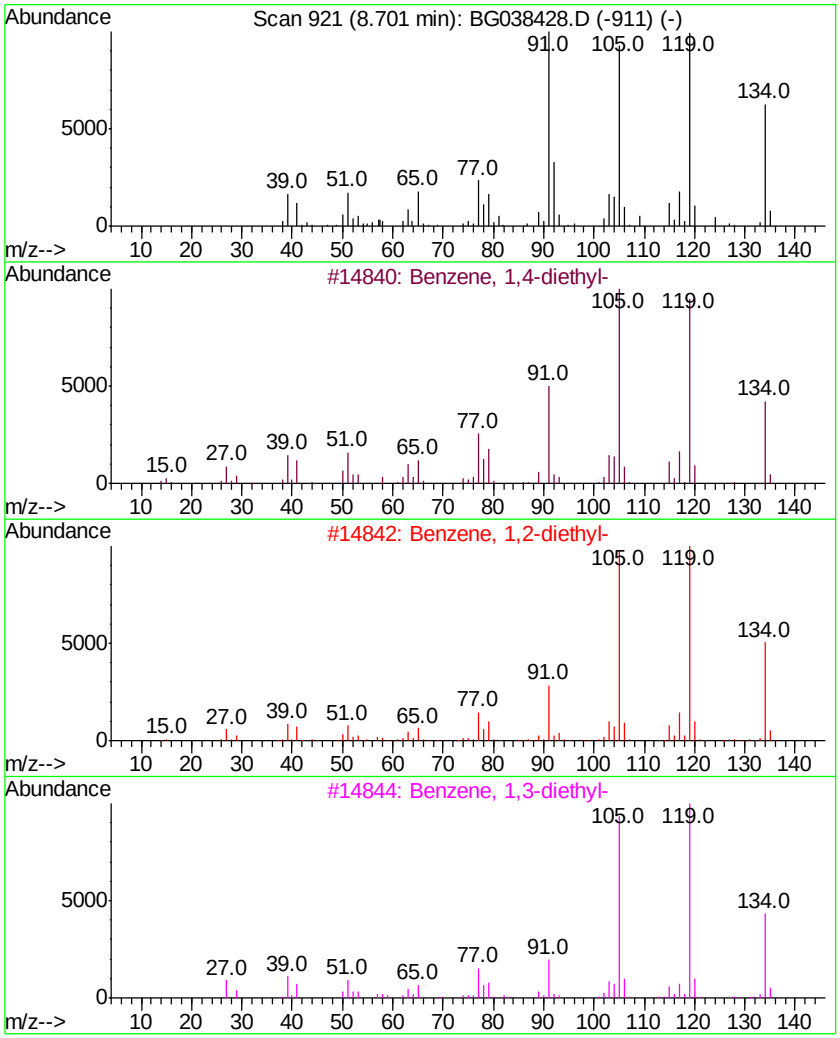
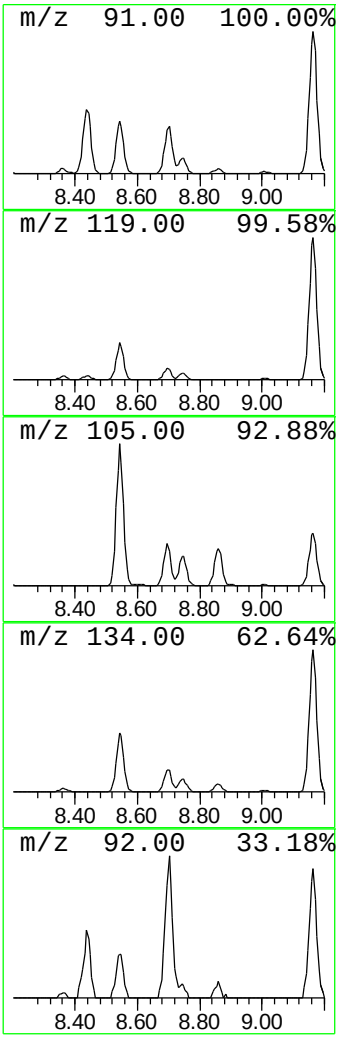
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	27.65 ng	257515	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	83





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Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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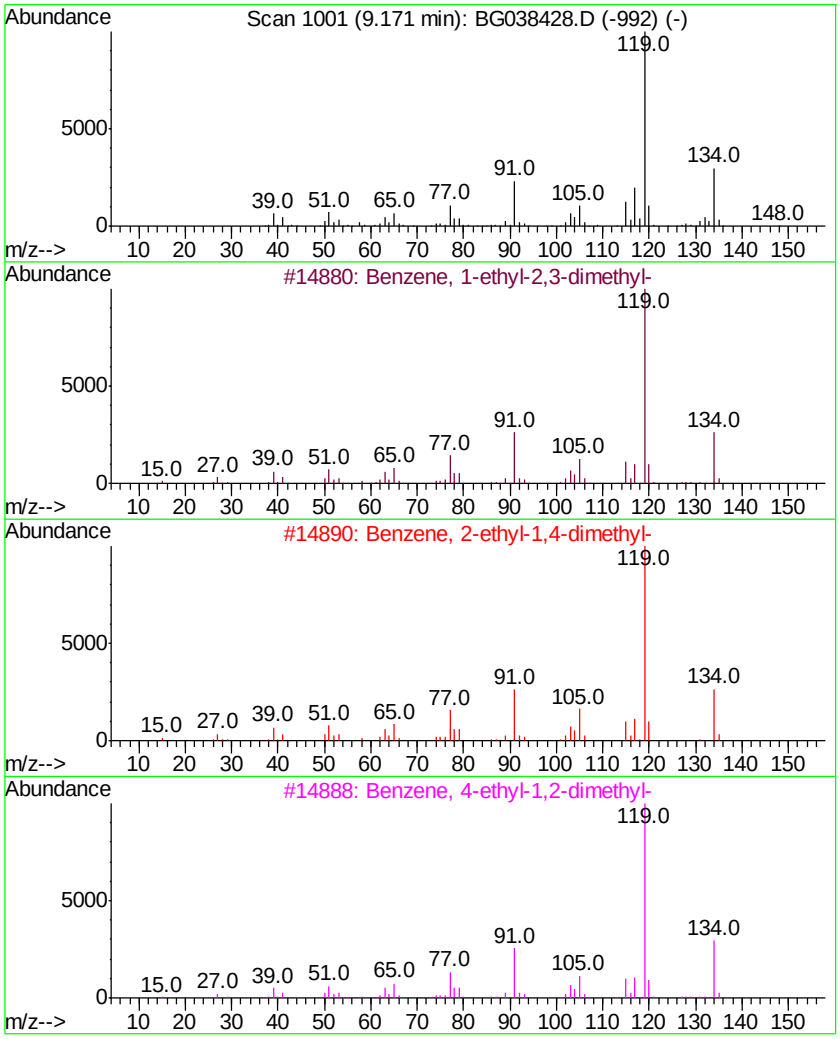
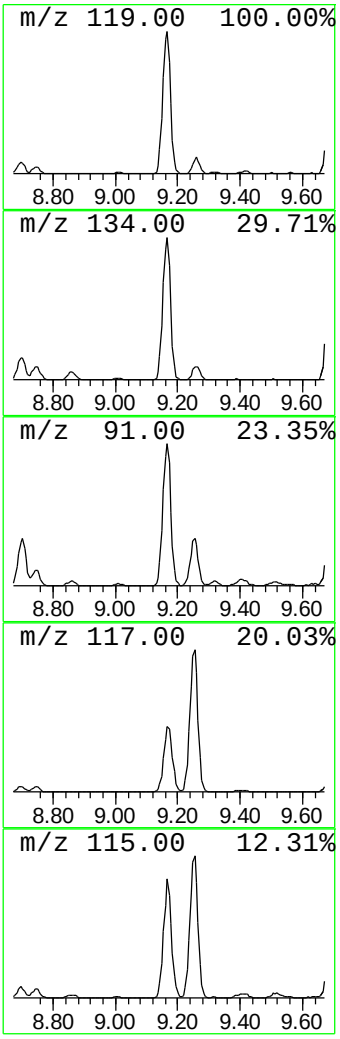
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	159.93 ng	1489300	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Library Search Compound Report

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Operator : JU/SJ
Sample : J6019-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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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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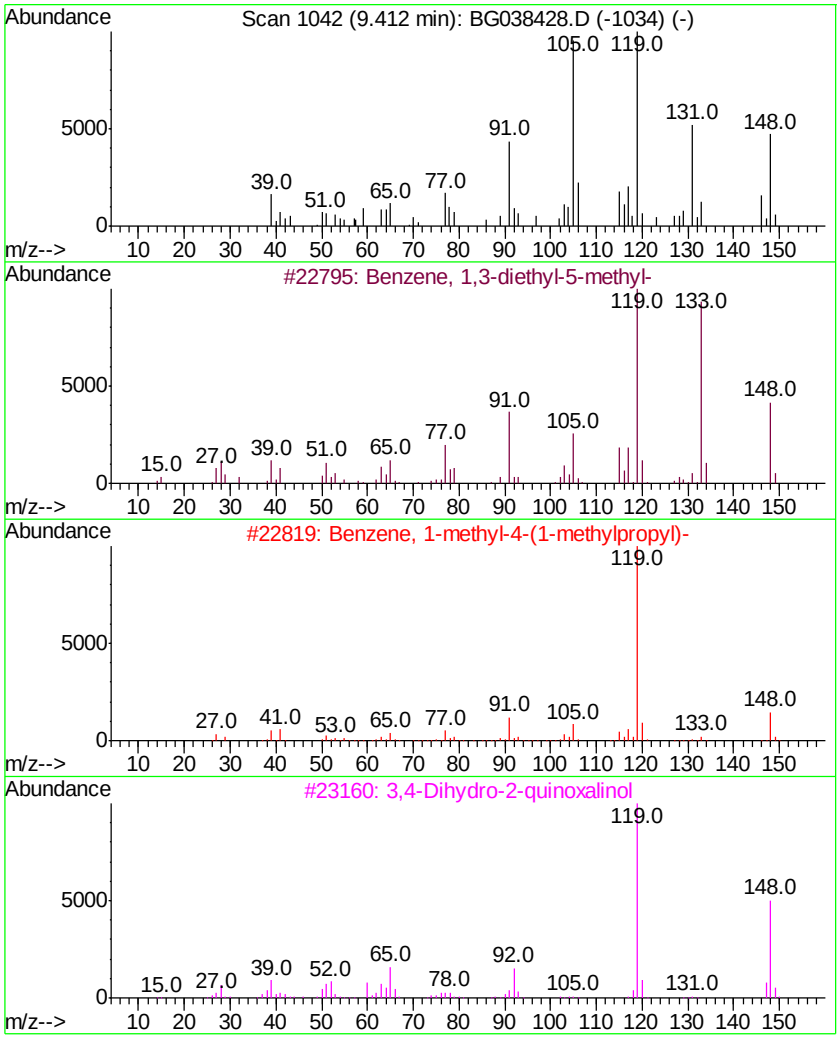
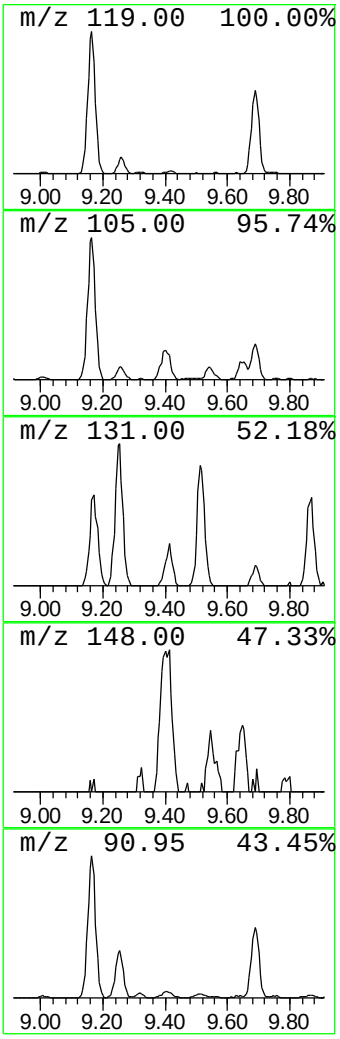
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	10.46 ng	97435	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	38
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	25
5	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	25





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Instrument : BNA_G
ClientSampleId : MW-3

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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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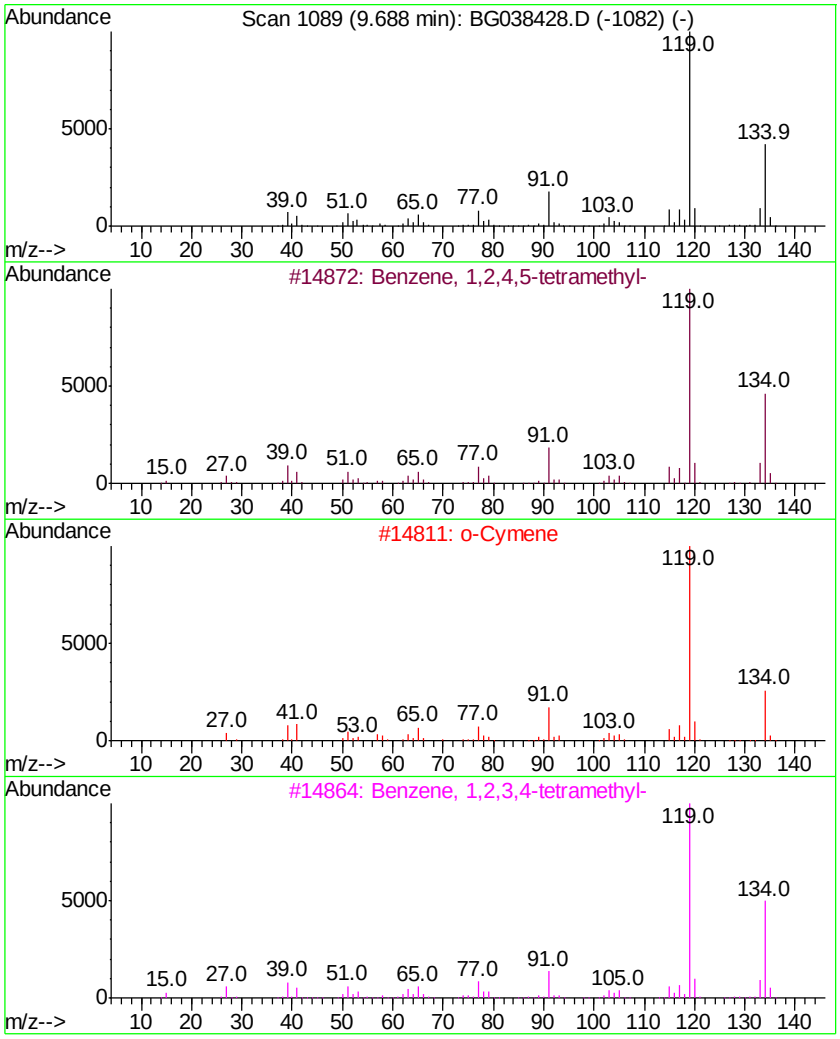
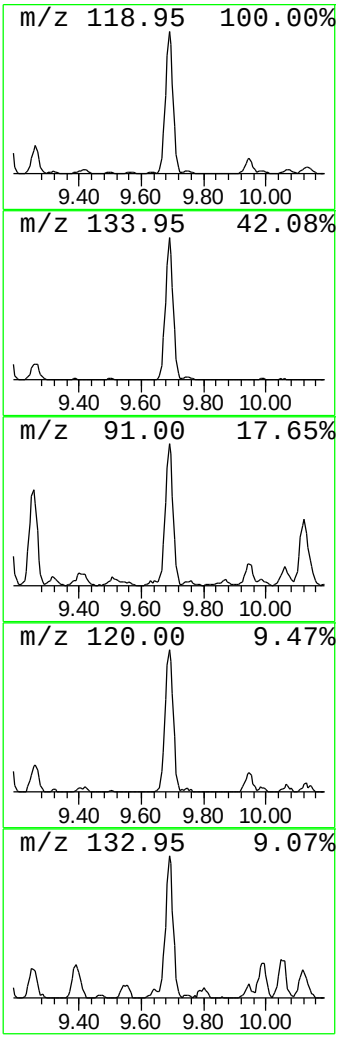
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	30.35 ng	792279	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ClientSampleId : MW-3

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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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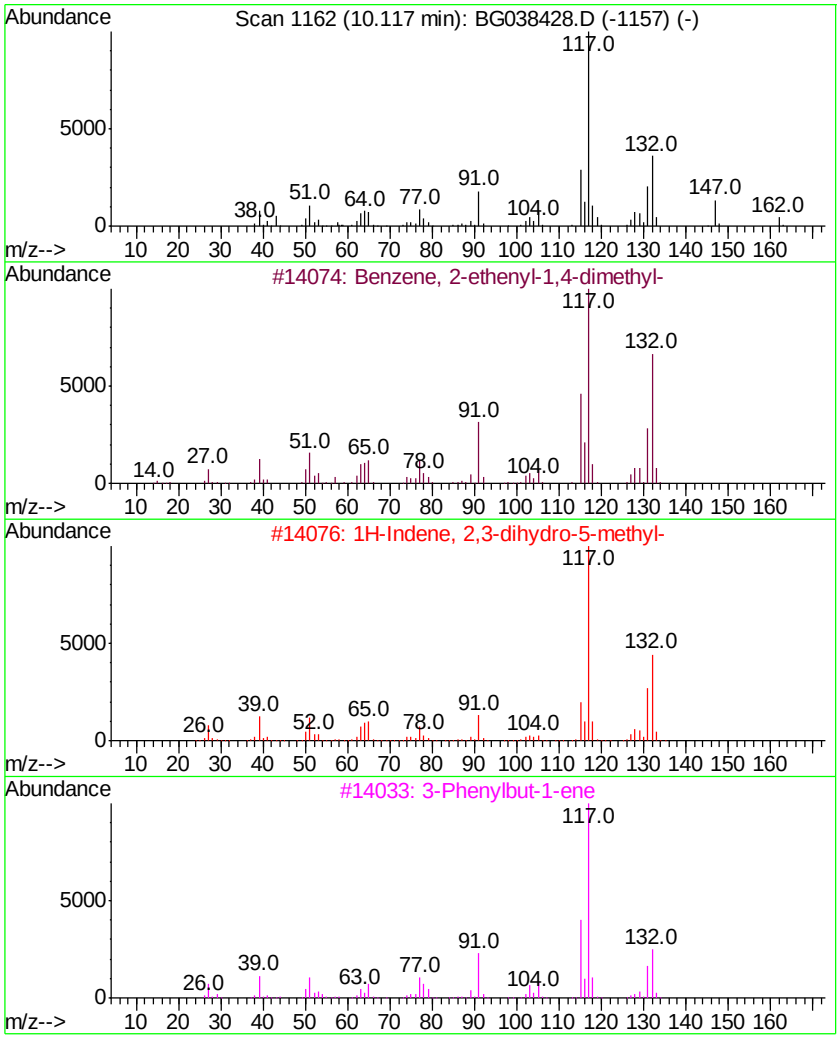
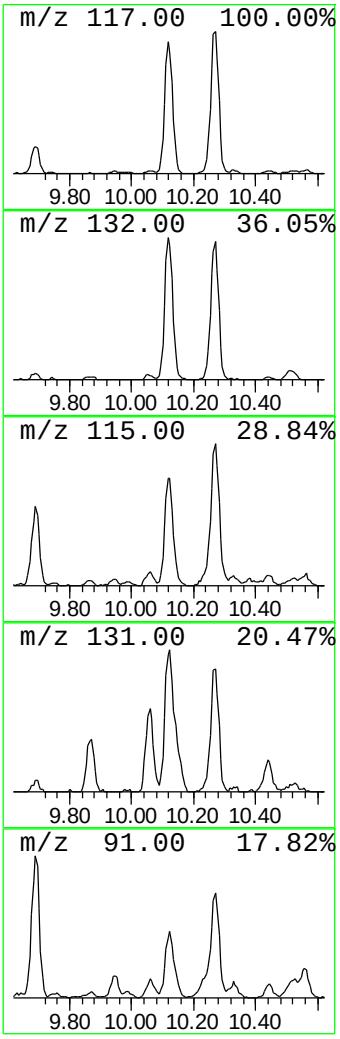
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	19.90 ng	519340	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





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Instrument : BNA_G
ClientSampleId : MW-3

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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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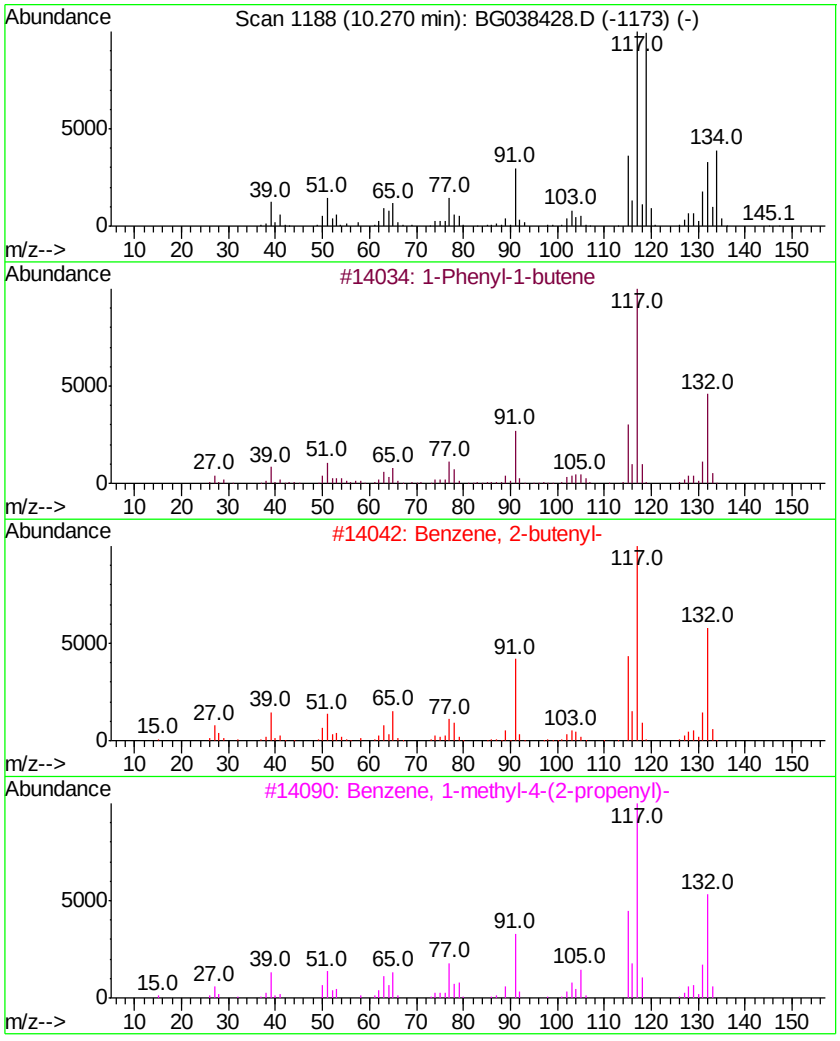
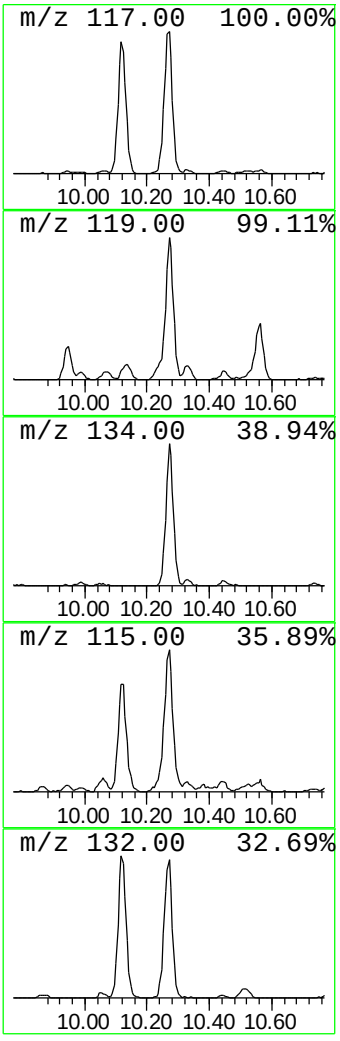
Peak Number 20 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	32.66 ng	852639	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





Tentatively Identified Compound (LSC) summary

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Sample : J6019-03
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,4-Hexadiene, 5-...	3.98	15.9	ng	147575	1	8.07	186246	20.0
Cyclopentene, 1,2...	4.52	10.8	ng	100514	1	8.07	186246	20.0
Ethylbenzene	5.55	20.3	ng	189093	1	8.07	186246	20.0
Benzene, 1,3-dime...	5.70	19.1	ng	177740	1	8.07	186246	20.0
Benzene, (1-methy...	6.53	63.8	ng	593971	1	8.07	186246	20.0
Benzene, propyl-	7.03	21.3	ng	197924	1	8.07	186246	20.0
Benzene, 1-ethyl-...	7.44	19.8	ng	184236	1	8.07	186246	20.0
unknown7.60	7.60	73.2	ng	682061	1	8.07	186246	20.0
Indane	8.44	91.3	ng	850302	1	8.07	186246	20.0
Benzene, 1,2-diet...	8.54	61.5	ng	573194	1	8.07	186246	20.0
Benzene, 1,4-diet...	8.70	27.6	ng	257515	1	8.07	186246	20.0
Benzene, 1-ethyl-...	9.17	159.9	ng	1489300	1	8.07	186246	20.0
Benzene, 1,3-diet...	9.41	10.5	ng	97435	1	8.07	186246	20.0
Benzene, 1,2,4,5-...	9.69	30.4	ng	792279	2	10.89	522080	20.0
Benzene, 2-etheny...	10.12	19.9	ng	519340	2	10.89	522080	20.0
1-Phenyl-1-butene	10.27	32.7	ng	852639	2	10.89	522080	20.0