LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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:\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	3.415	15	21	25	rBV4	20503	48462	2.30%	0.303%
2	3.562	42	46	55	rVB2	19452	32801	1.56%	0.205%
3	3.726	70	74	82	rVB7	13509	25131	1.20%	0.157%
4	3.908	97	105	111	rVV8	19408	61952	2.95%	0.388%
5	3.991	112	119	123	rVV2	60165	113242	5.39%	0.709%
6	4.032	123	126	136	rVV4	31727	91070	4.33%	0.570%
7	4.114	136	140	148	rVB6	19386	35951	1.71%	0.225%
8	4.220	153	158	160	rBV	32789	47551	2.26%	0.298%
9	4.255	160	164	173	rVB	54019	95459	4.54%	0.597%
10	4.519	205	209	217	rVB4	16487	32438	1.54%	0.203%
11	4.707	234	241	246	rBV	21262	37599	1.79%	0.235%
12	5.148	311	316	326	rVB7	9592	25204	1.20%	0.158%
13	5.548	376	384	389	rBV	43560	75939	3.61%	0.475%
14	5.612	389	395	402	rVV	192772	332768	15.82%	2.082%
15	5.700	402	410	422	rVB	54016	167698	7.97%	1.049%
16	6.535	545	552	563	rBV	307739	524695	24.95%	3.283%
17	7.028	629	636	649	rBV	292073	501833	23.86%	3.140%
18	7.216	659	668	684	rBV	131312	281675	13.39%	1.763%
19	7.440	699	706	712	rBV	61655	109965	5.23%	0.688%
20	7.592	725	732	740	rBV	358022	657678	31.28%	4.115%
21	7.951	790	793	801	rVB2	18967	30322	1.44%	0.190%
22	8.068	805	813	820	rBV	91655	166110	7.90%	1.039%
23	8.174	825	831	838	rVB4	22090	46149	2.19%	0.289%
24	8.391	852	868	872	rBV	480642	940679	44.73%	5.886%
25	8.438	872	876	886	rVB	540872	926525	44.06%	5.797%
26	8.544	886	894	904	rBV	140842	230112	10.94%	1.440%
27	8.697	913	920	925	rBV	83955	155914	7.41%	0.976%
28	8.744	925	928	934	rVB2	32617	53891	2.56%	0.337%
29	8.861	941	948	960	rVB	33437	62513	2.97%	0.391%
30	9.161	989	999	1006	rBV2	285477	536175	25.50%	3.355%
31	9.249	1006	1014	1022	rVB2	651315	1226479	58.32%	7.674%
32	9.690	1082	1089	1096	rVB	223537	385709	18.34%	2.413%
33	9.948	1128	1133	1138	rBV2	13906	24403	1.16%	0.153%
34	10.060	1146	1152	1156	rBV3	14359	27655	1.32%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
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Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.119	1156	1162	1172	rVB	164533	298281	14.18%	1.866%
36	10.266	1177	1187	1195	rBV2	262574	506056	24.07%	3.167%
37	10.559	1234	1237	1244	rVB3	16559	27834	1.32%	0.174%
38	10.824	1272	1282	1283	rBV3	15127	29794	1.42%	0.186%
39	10.888	1287	1293	1304	rVV	130837	302507	14.39%	1.893%
40	10.982	1304	1309	1318	rVB2	15103	27930	1.33%	0.175%
41	12.263	1521	1527	1535	rVB3	10948	24896	1.18%	0.156%
42	12.534	1568	1573	1581	rVB	58210	98967	4.71%	0.619%
43	12.757	1603	1611	1618	rVB	86228	148283	7.05%	0.928%
44	13.327	1700	1708	1716	rBV	846288	1375366	65.41%	8.606%
45	14.149	1842	1848	1854	rBV	34343	53531	2.55%	0.335%
46	14.702	1936	1942	1950	rVB3	211650	350766	16.68%	2.195%
47	16.194	2189	2196	2208	rBV3	704878	1106871	52.64%	6.926%
48	17.451	2404	2410	2417	rBV2	286626	445872	21.20%	2.790%
49	18.309	2553	2556	2561	rBV4	22796	34696	1.65%	0.217%
50	20.054	2847	2853	2862	rVB	1599225	2102837	100.00%	13.158%
51	21.729	3131	3138	3145	rBV2	284890	486525	23.14%	3.044%
52	25.031	3690	3700	3714	rVB3	155997	448783	21.34%	2.808%

Sum of corrected areas: 15981542

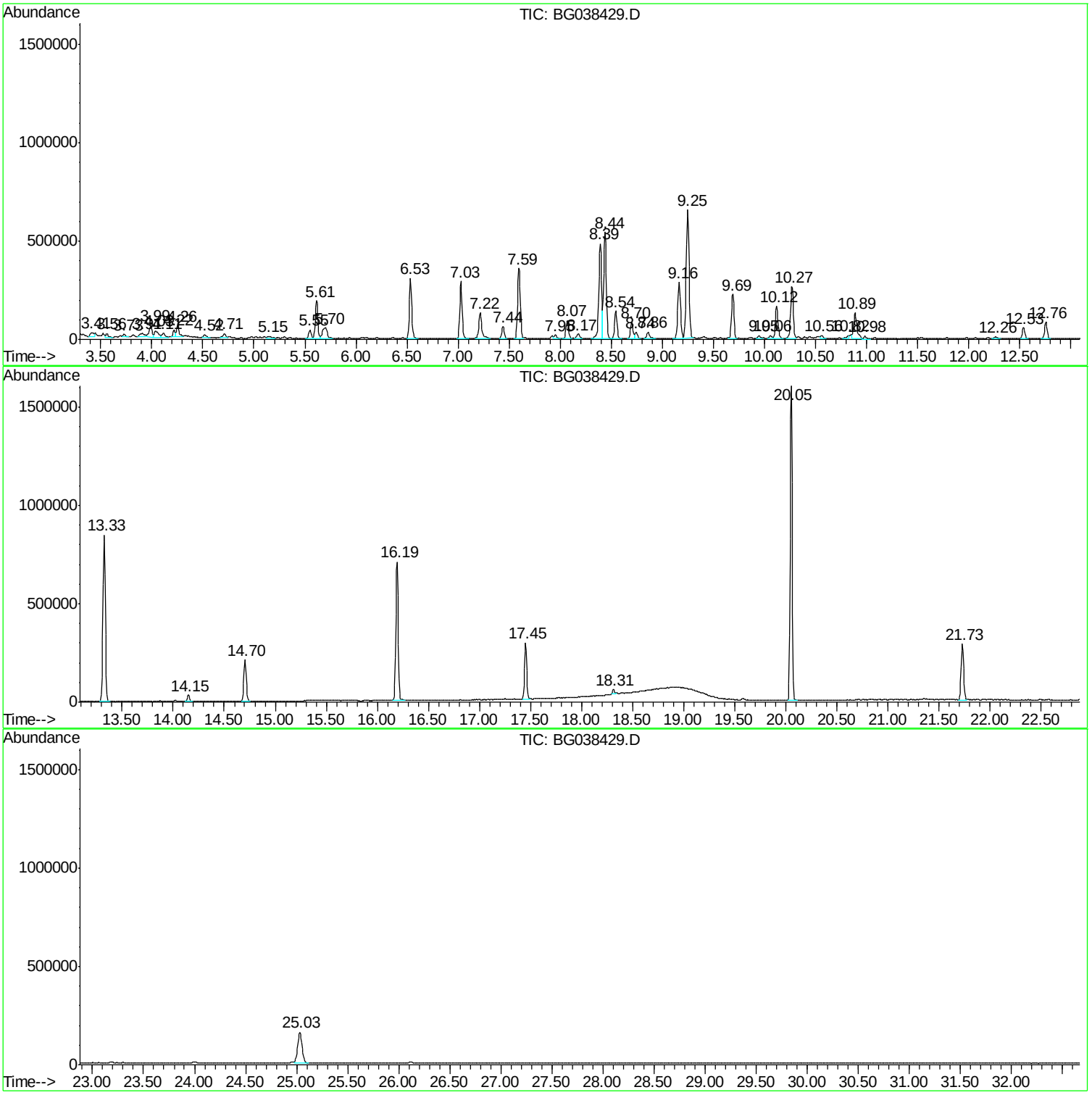
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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 : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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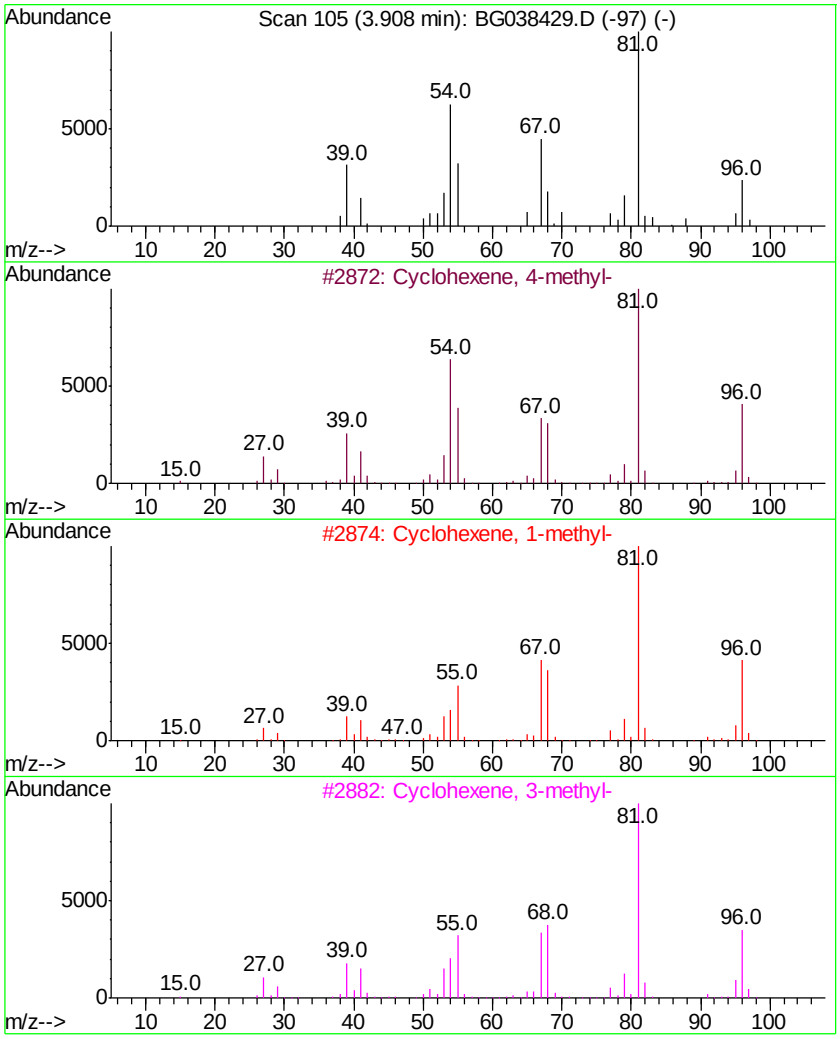
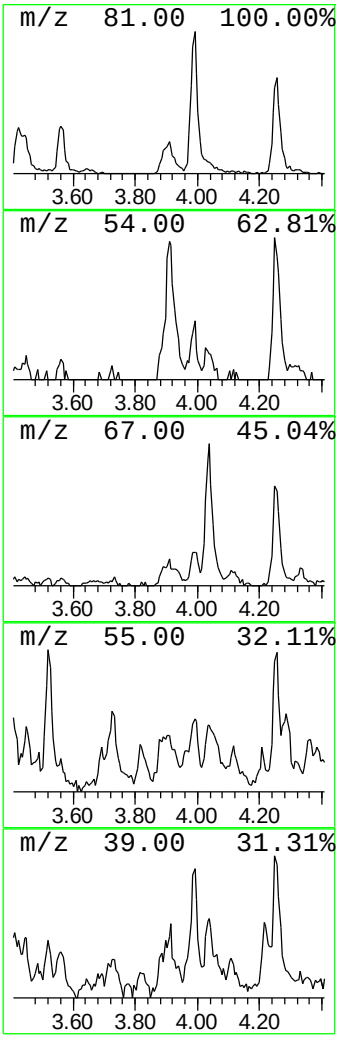
Peak Number 1 Cyclohexene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	7.46 ng	61952	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	74
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	64
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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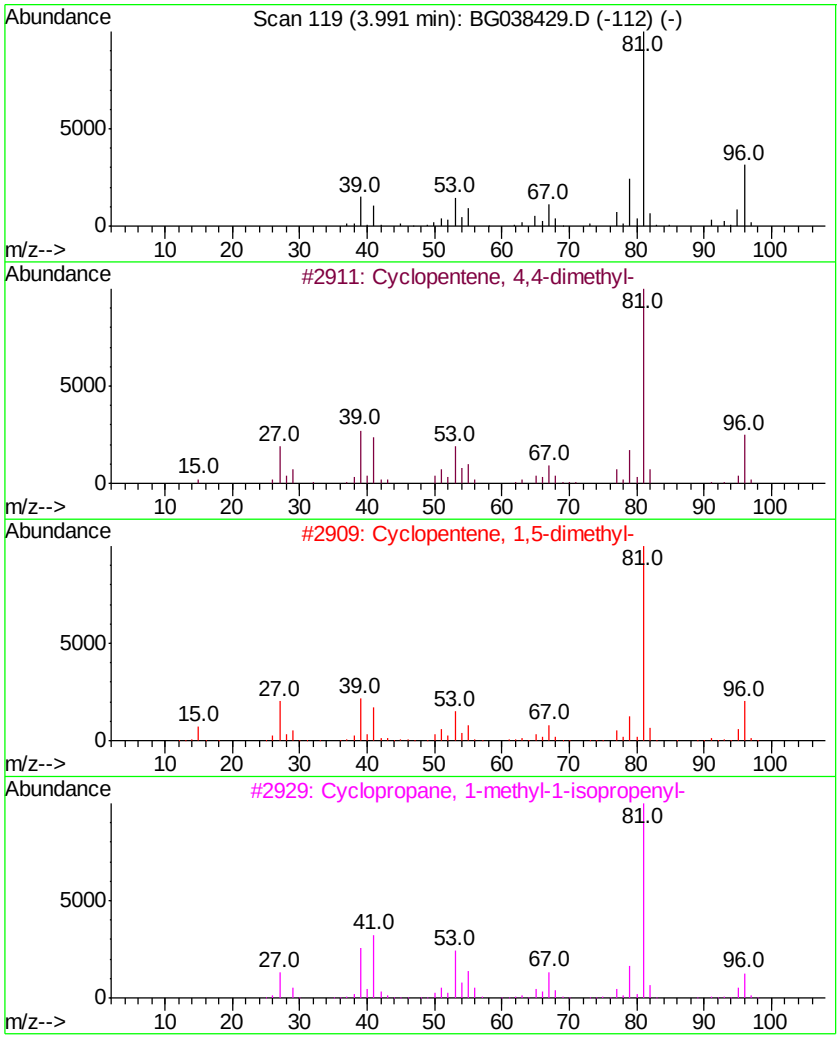
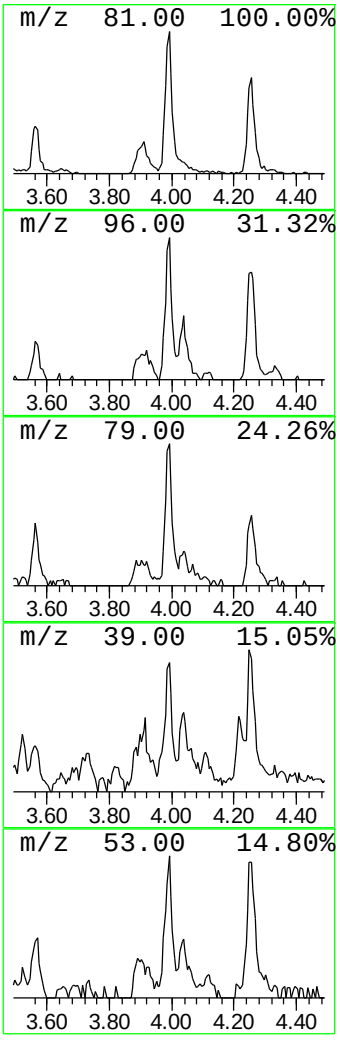
Peak Number 2 Cyclopentene, 4,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	13.63 ng	113242	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	78
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72
5	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

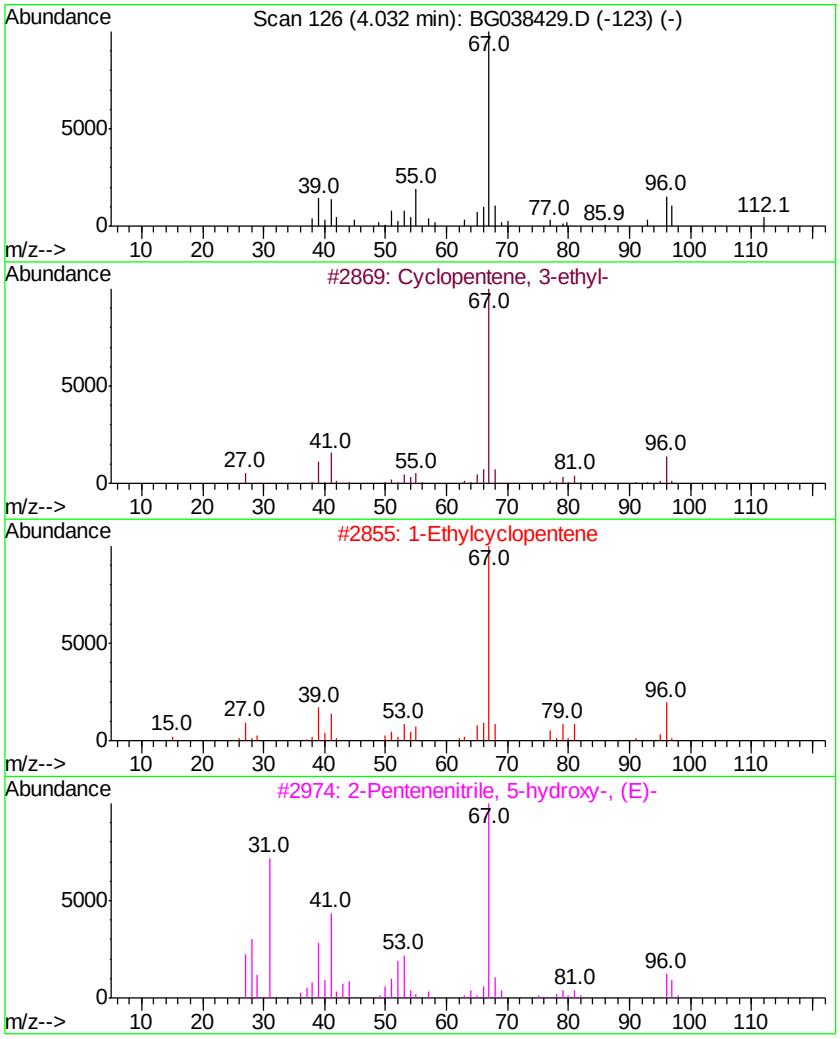
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

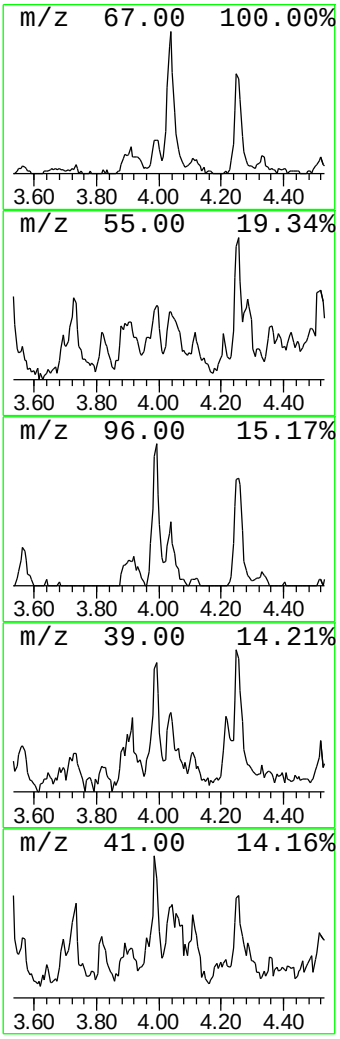
****

Peak Number 3 Cyclopentene, 3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	10.97 ng	91070	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
2	1-Ethylcyclopentene	96	C7H12	002146-38-5	80
3	2-Pentenenitrile, 5-hydroxy-, (E)-	97	C5H7NO	053778-56-6	72
4	4,5-Dihydrooxazole, 2-vinyl-	97	C5H7NO	013670-33-2	64
5	Vinylcyclopentane	96	C7H12	003742-34-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

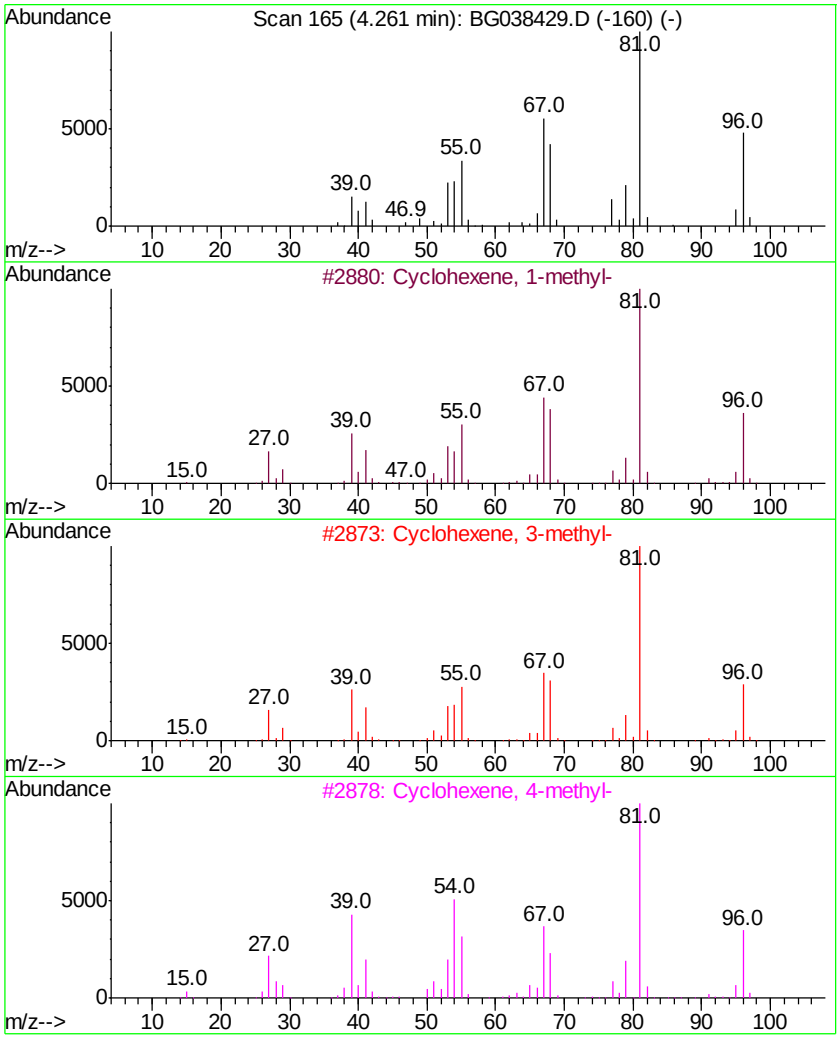
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

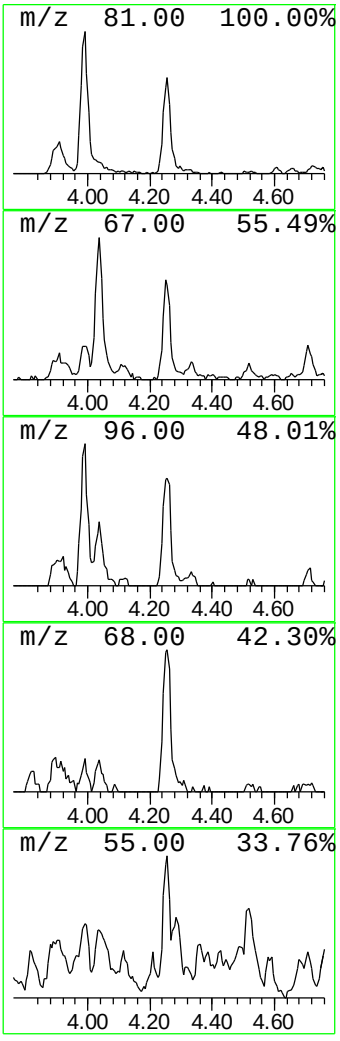
****

Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	11.49 ng	95459	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	91
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
4	2-Heptyne	96	C7H12	001119-65-9	80
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

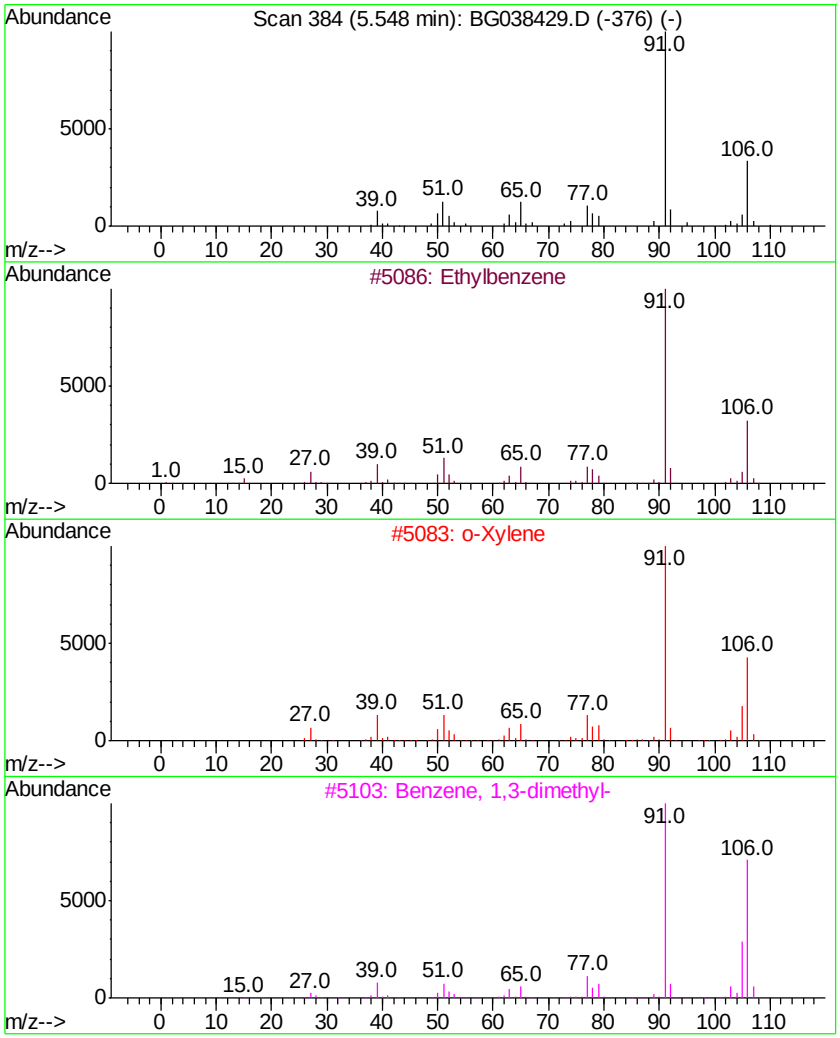
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

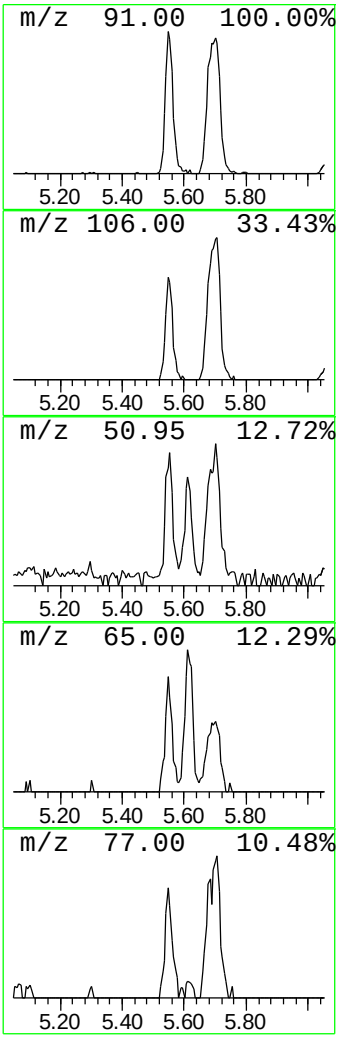
****

Peak Number 5 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	9.14 ng	75939	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	87
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	72
4	p-Xylene	106	C8H10	000106-42-3	64
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

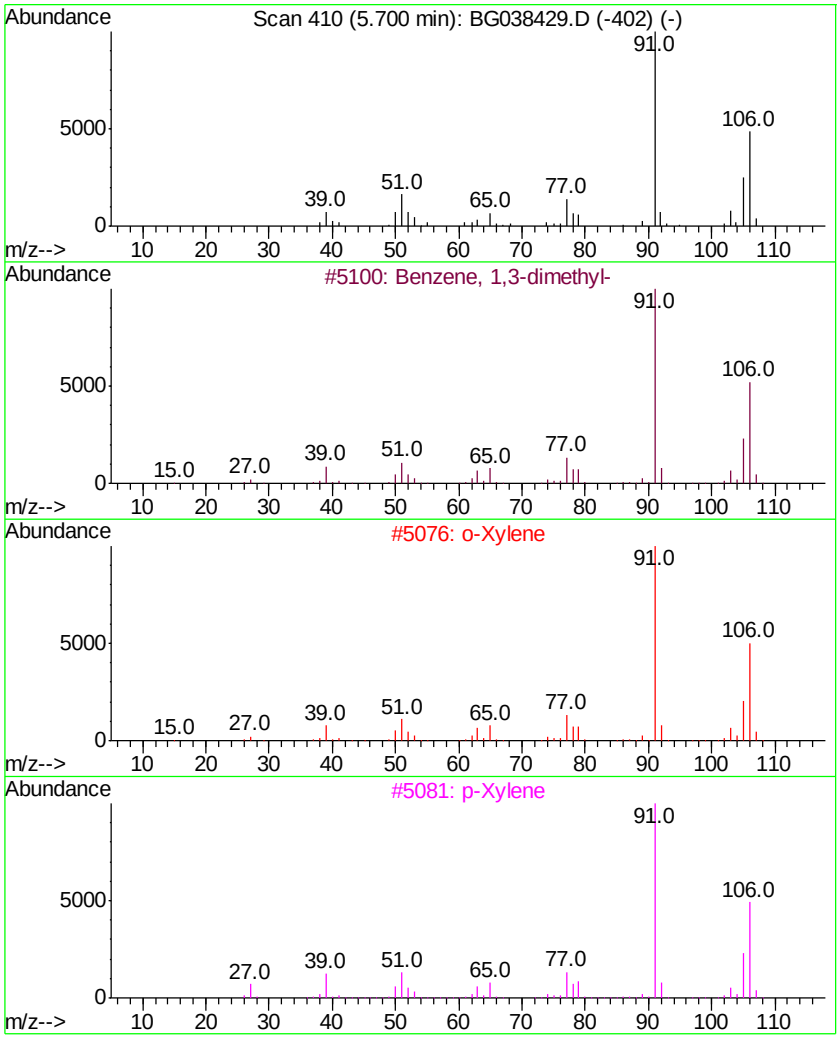
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

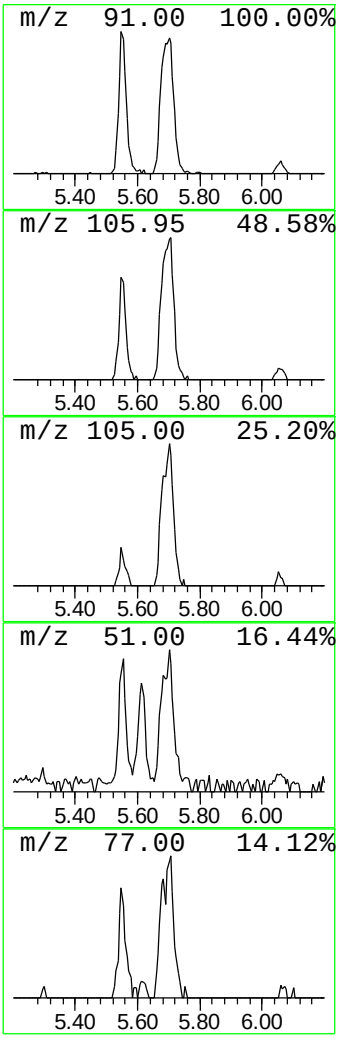
****

Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	20.19 ng	167698	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	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

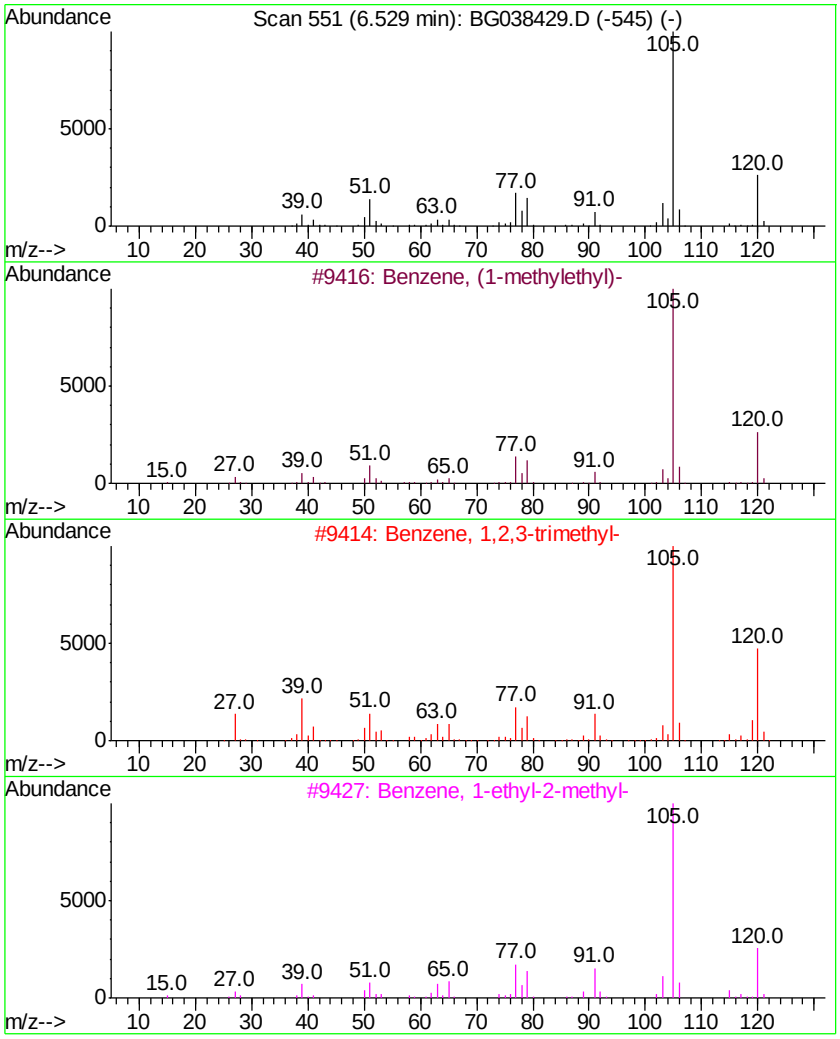
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

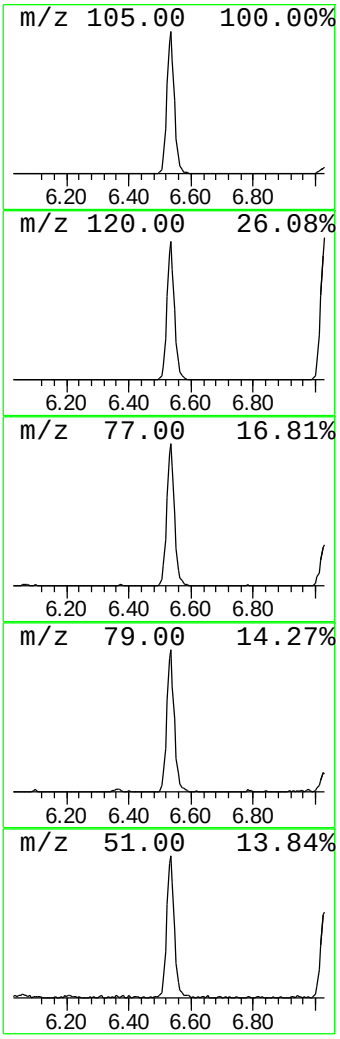
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	63.17 ng	524695	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	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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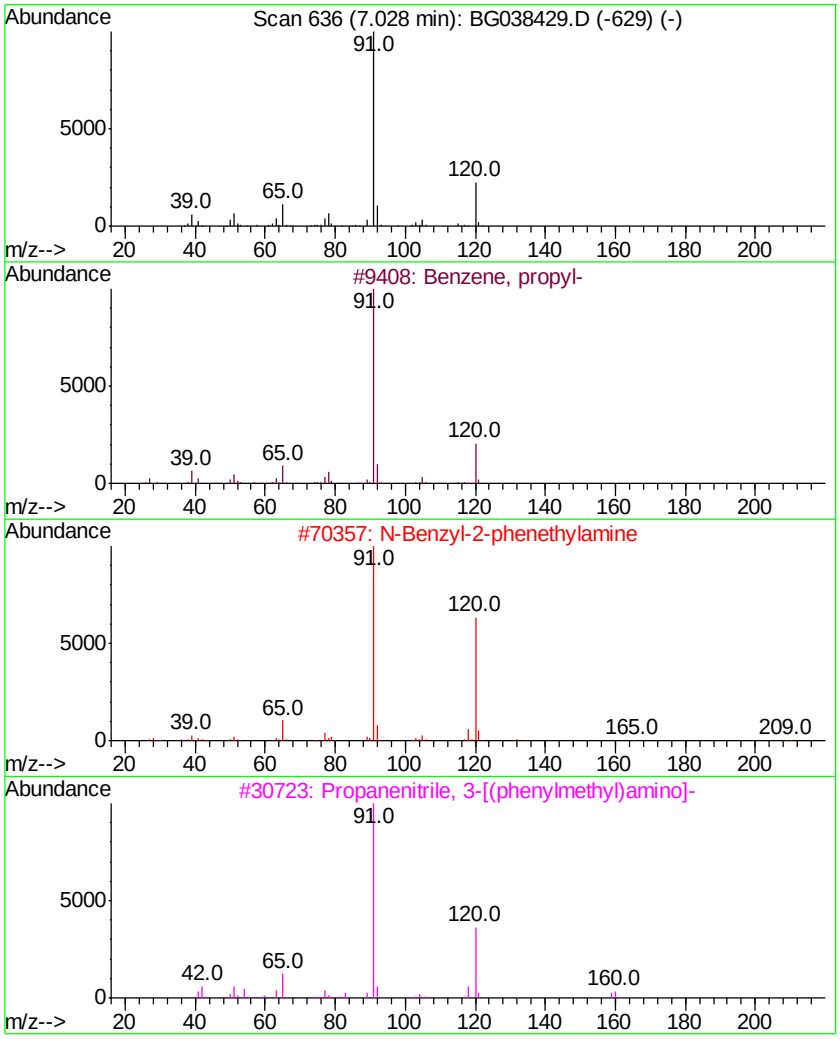
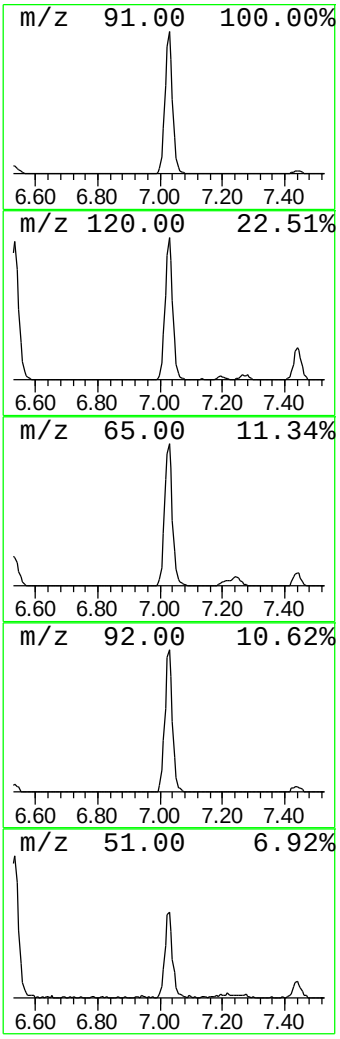
Peak Number 8 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	60.42 ng	501833	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





Library Search Compound Report

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Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

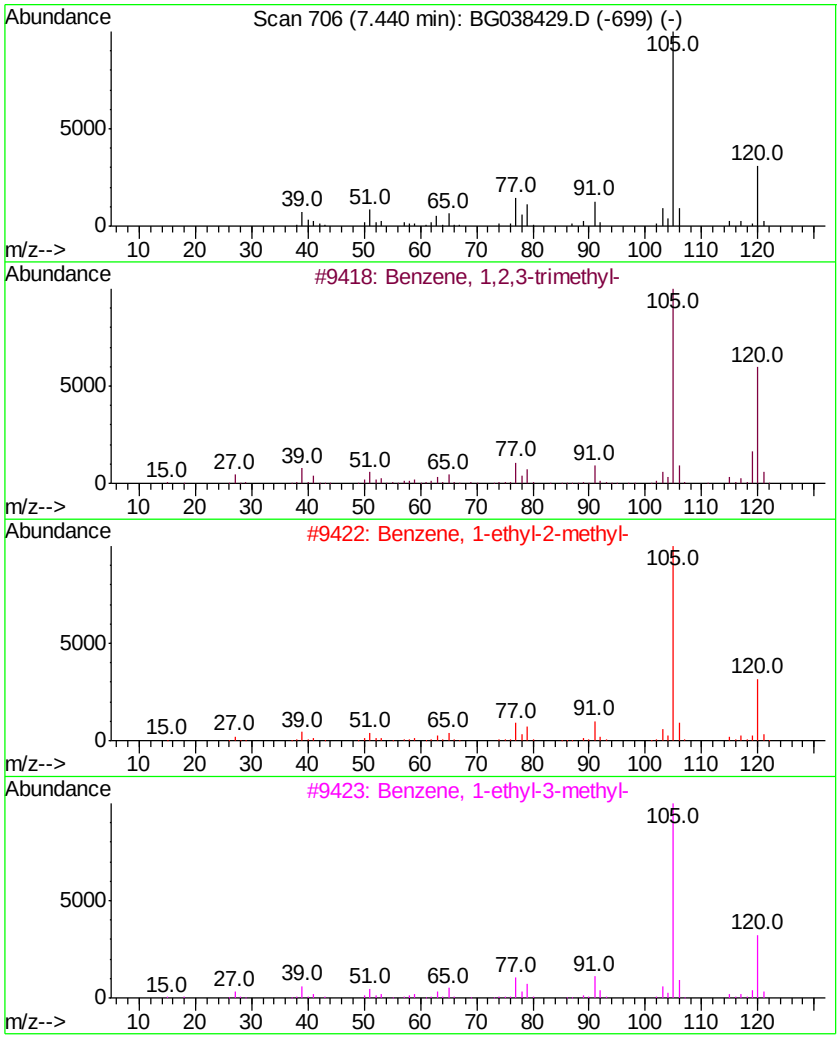
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

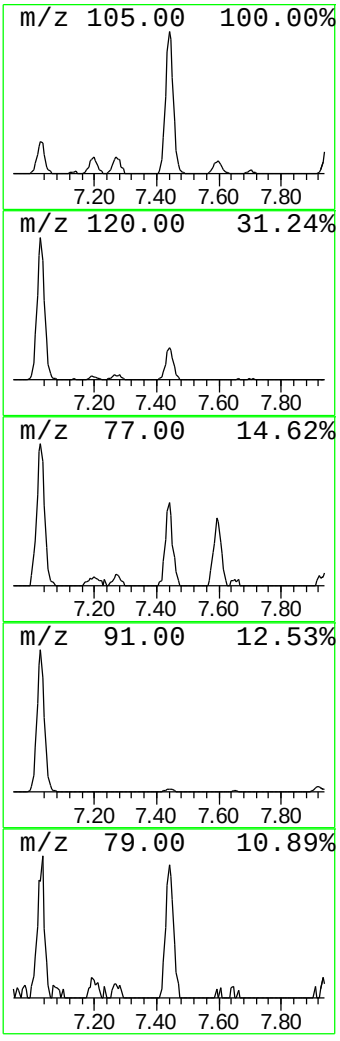
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	13.24 ng	109965	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

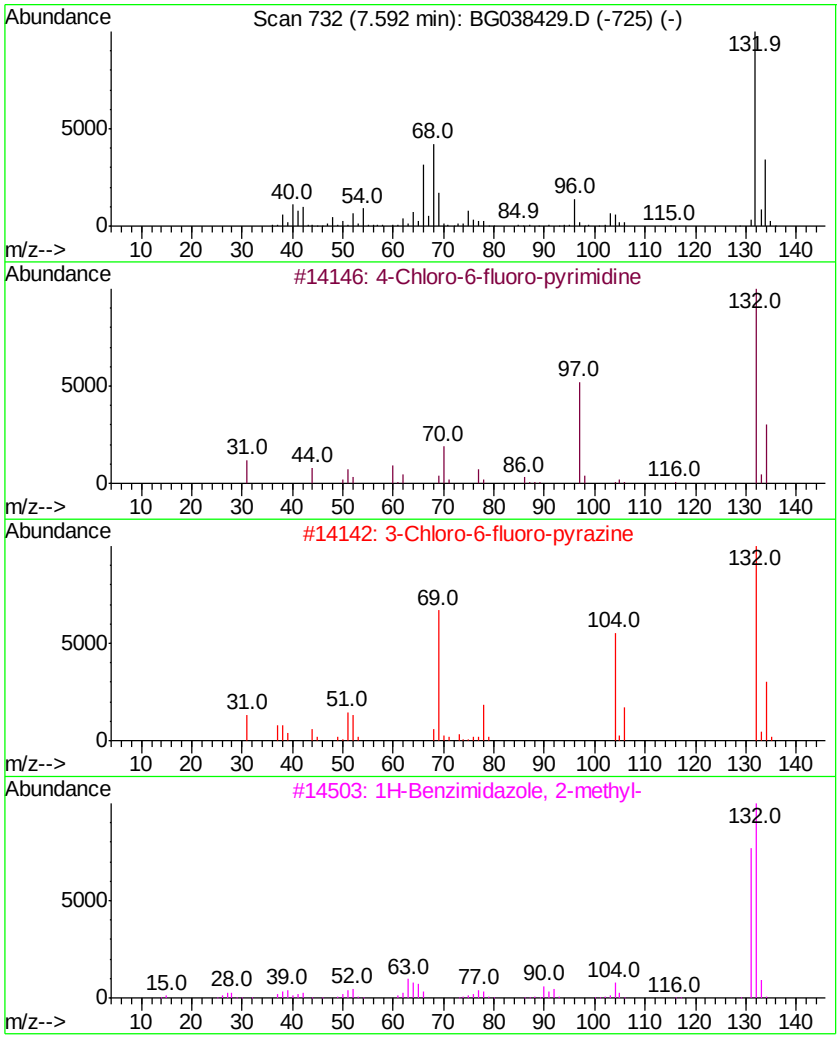
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

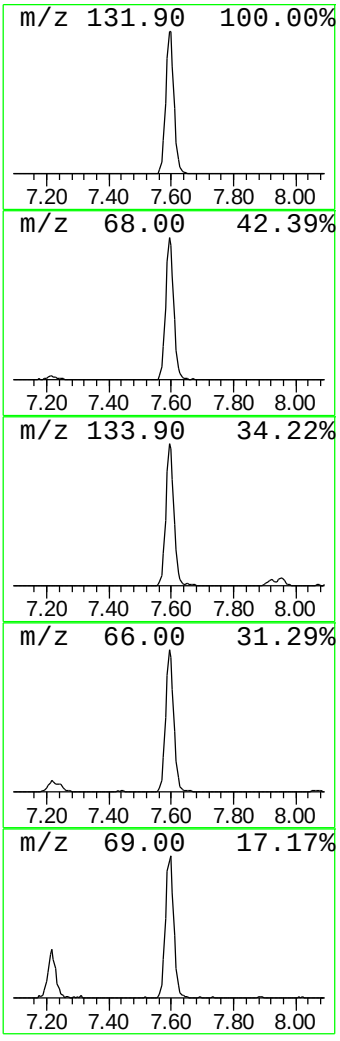
****

Peak Number 10 unknown7.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	79.19 ng	657678	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-4

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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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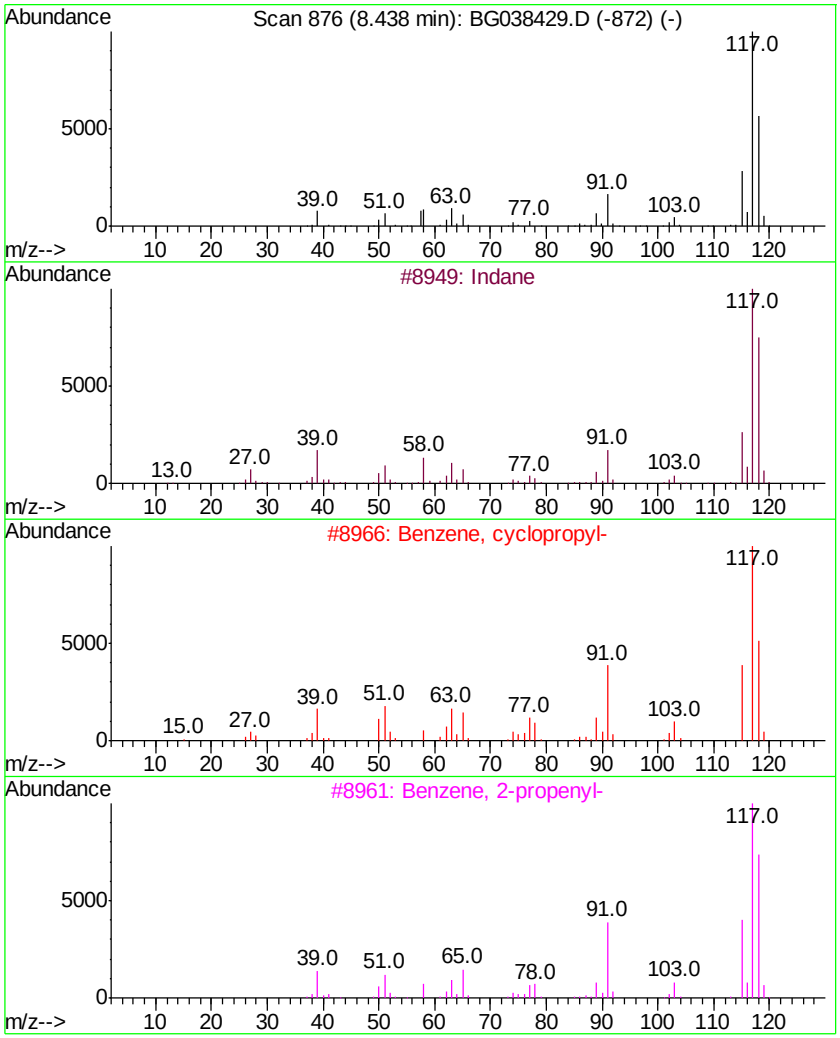
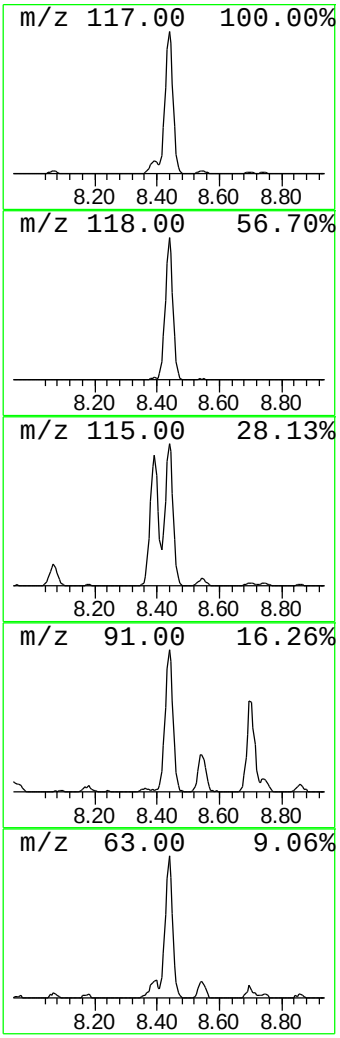
Peak Number 12 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	111.56 ng	926525	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Library Search Compound Report

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Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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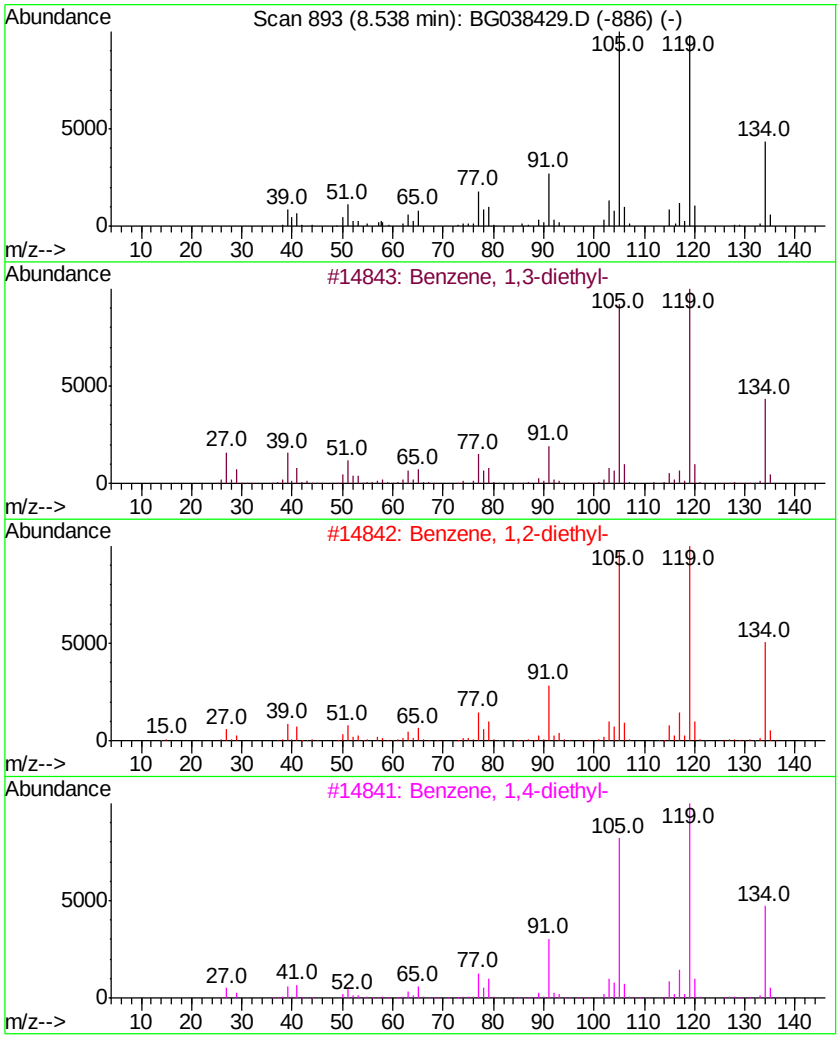
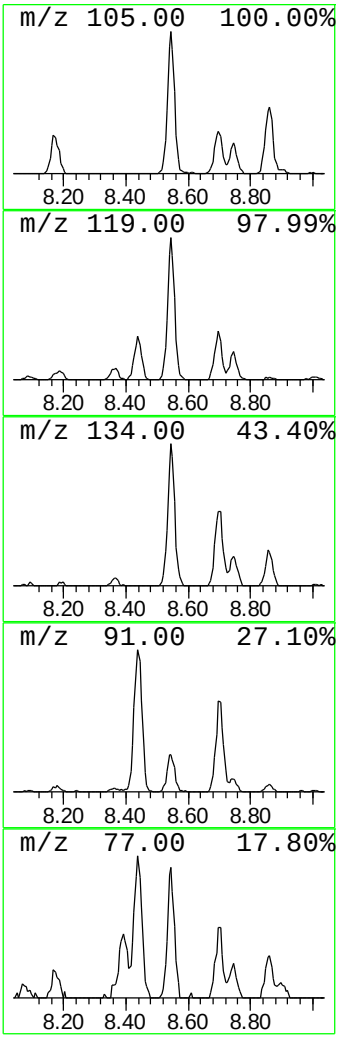
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	27.71 ng	230112	1,4-Dichlorobenzene-d4	8.07

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





Library Search Compound Report

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Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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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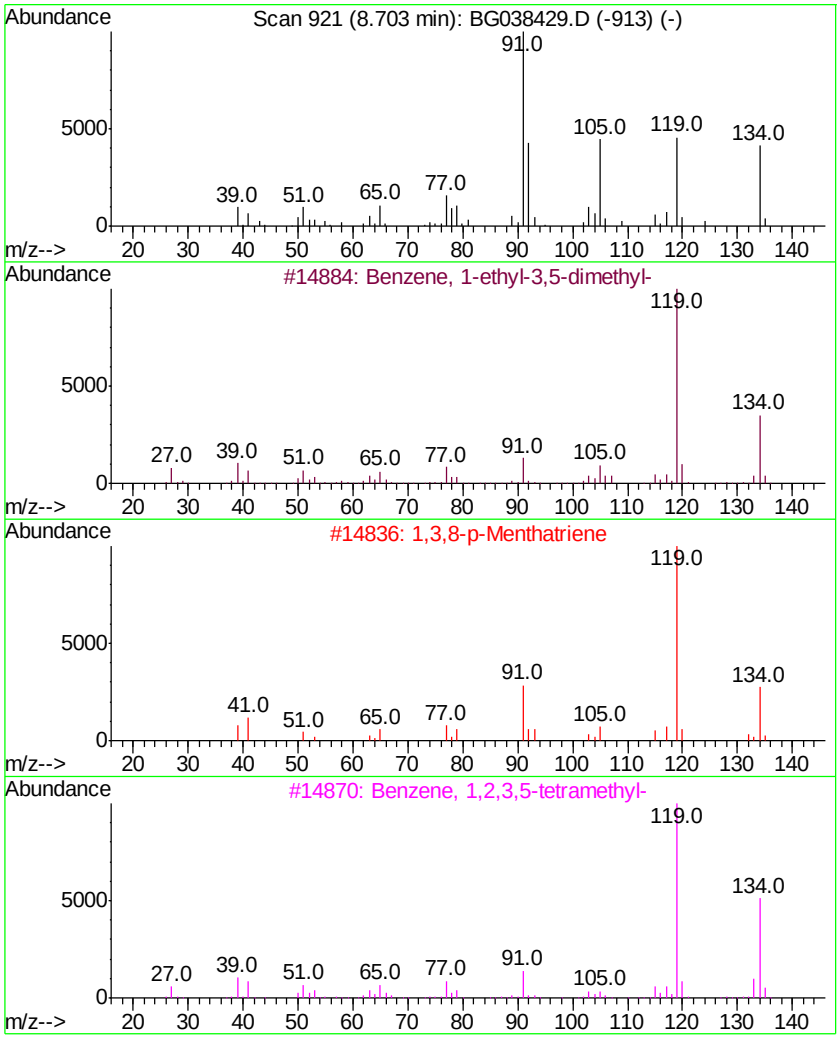
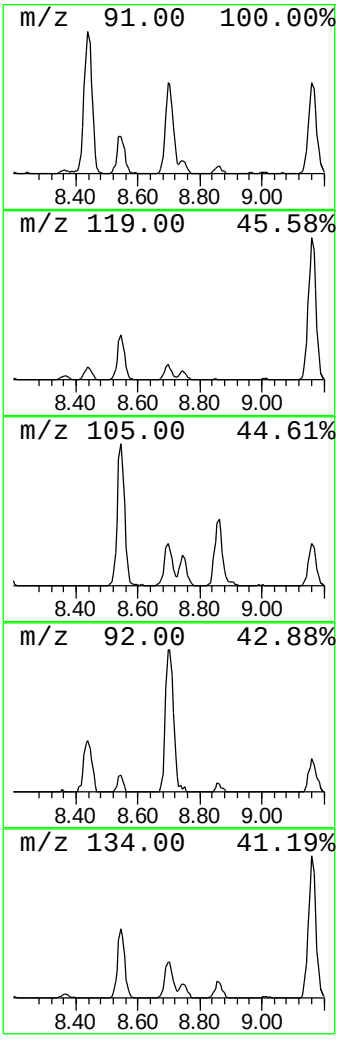
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	18.77 ng	155914	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	72
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	68
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62





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Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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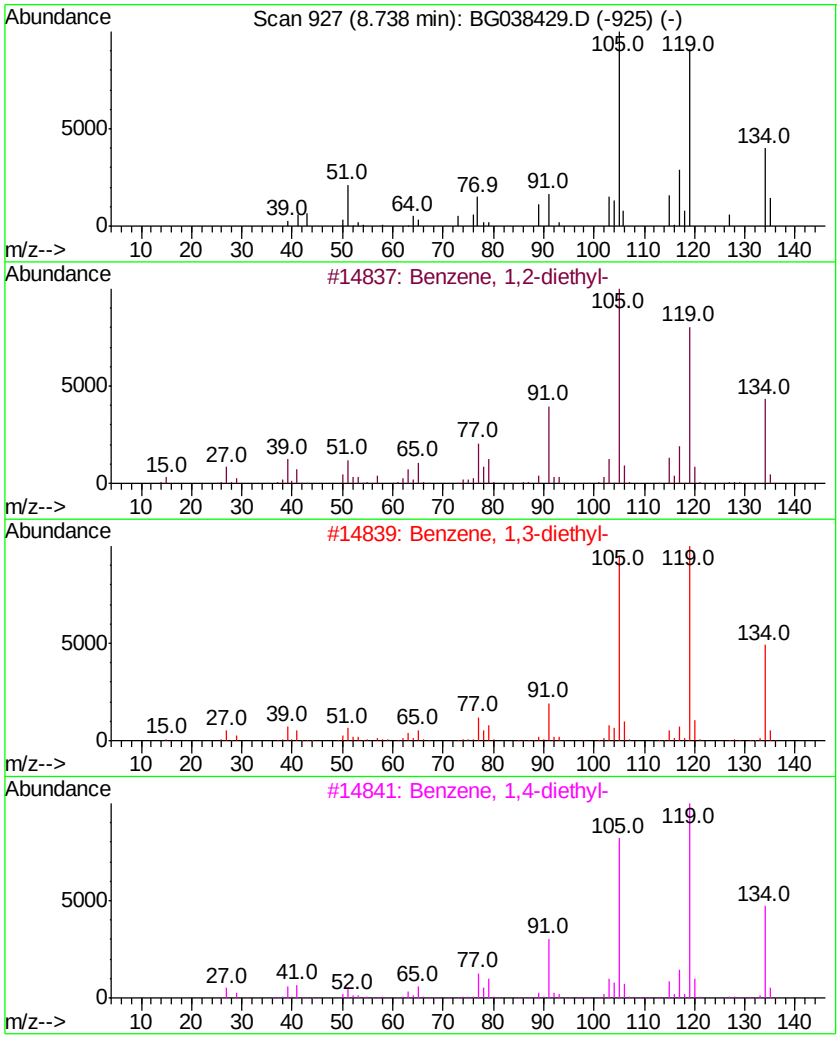
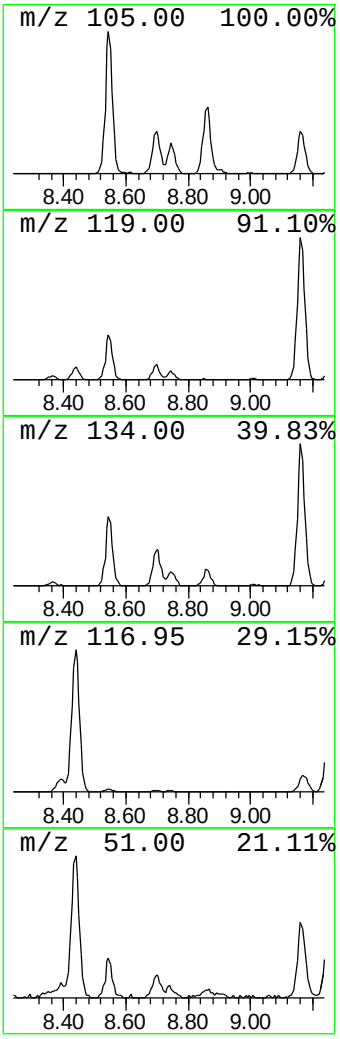
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	6.49 ng	53891	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	87
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	80
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	72
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64





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Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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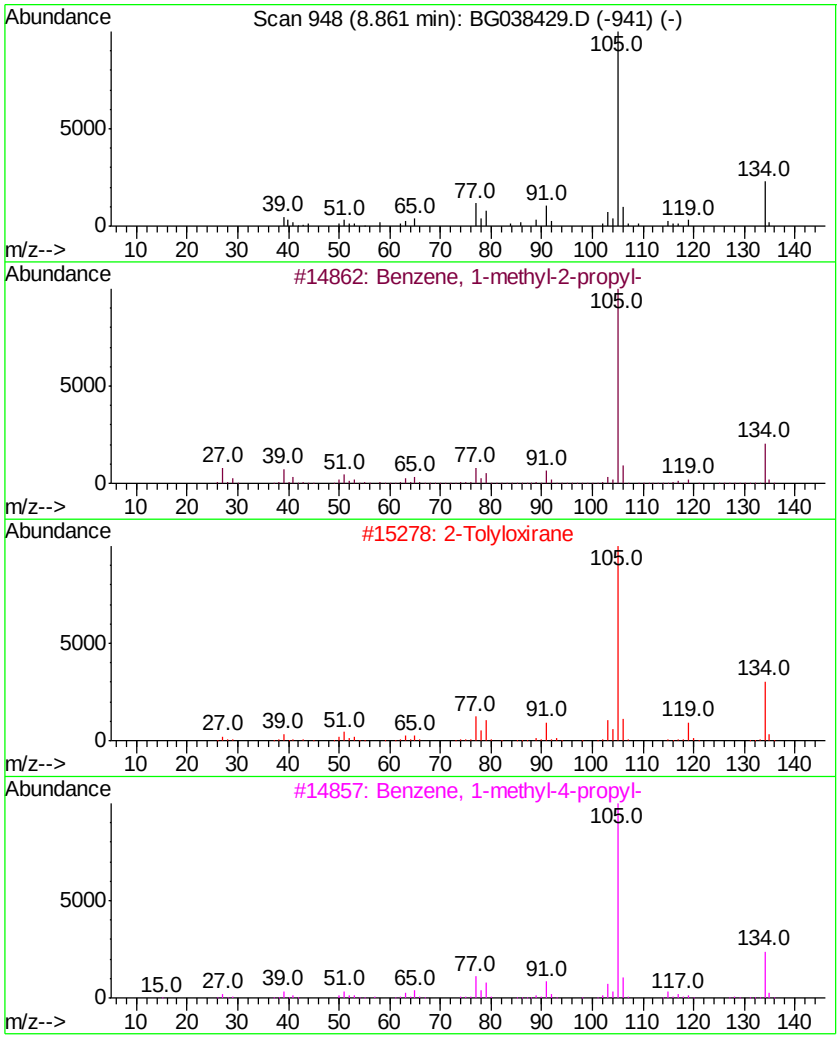
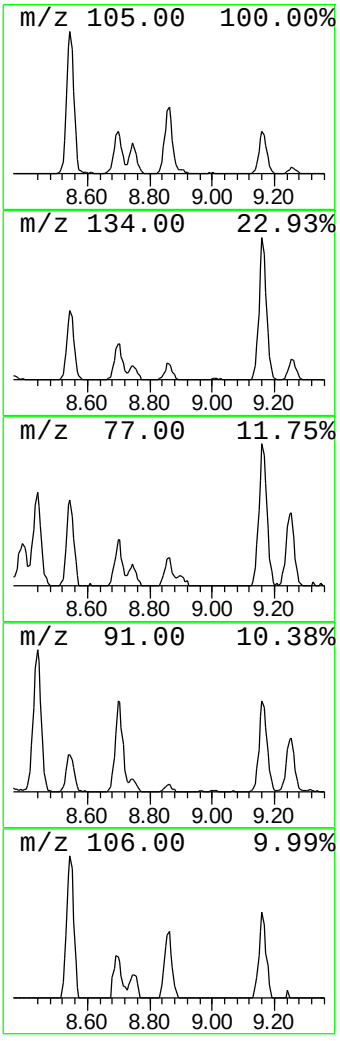
Peak Number 16 Benzene, 1-methyl-2-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	7.53 ng	62513	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	2-Tolyloxirane	134	C9H10O	002783-26-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83





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Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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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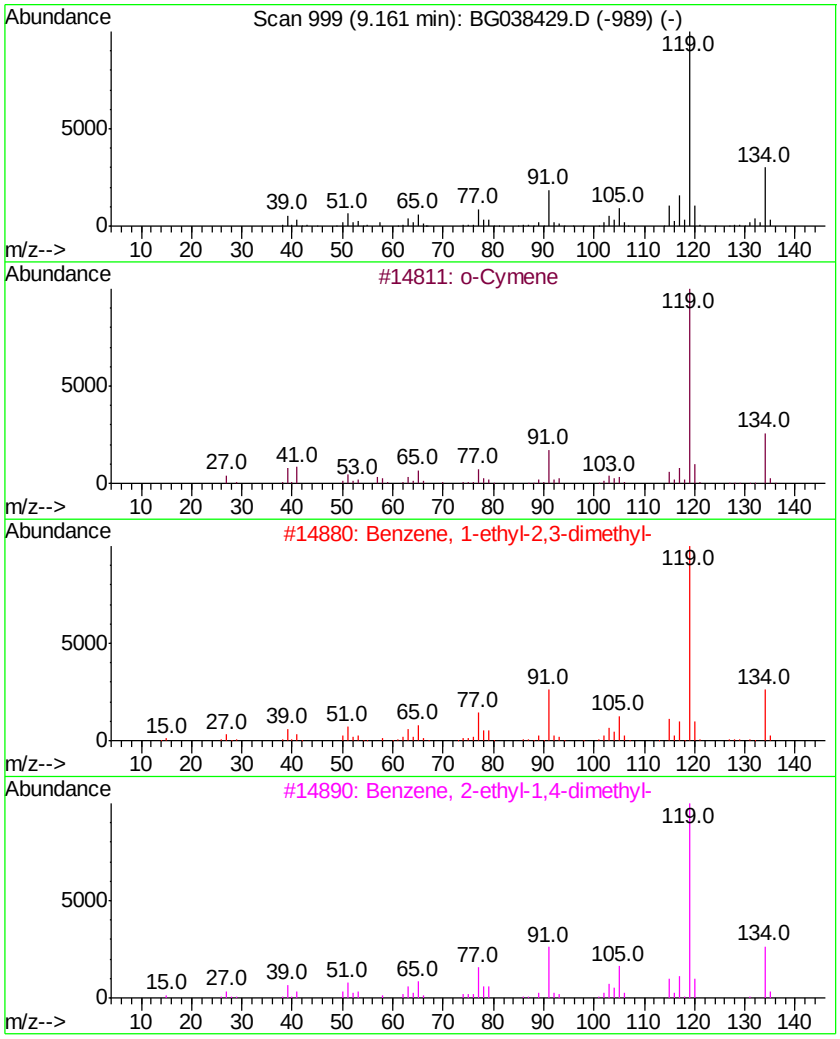
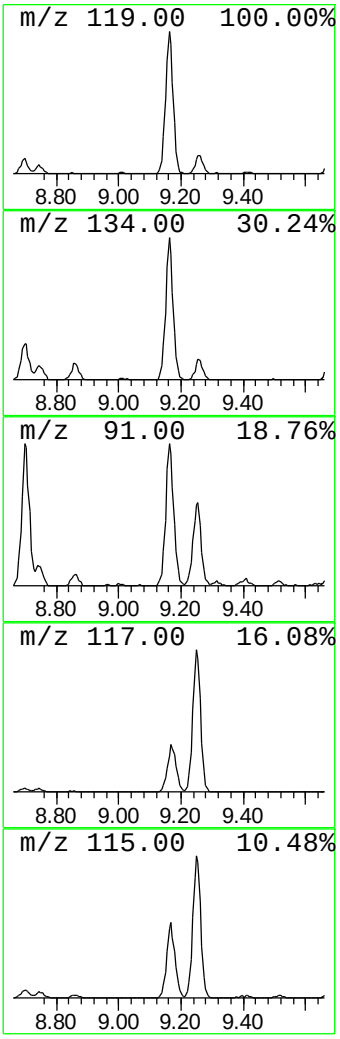
Peak Number 17 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	64.56 ng	536175	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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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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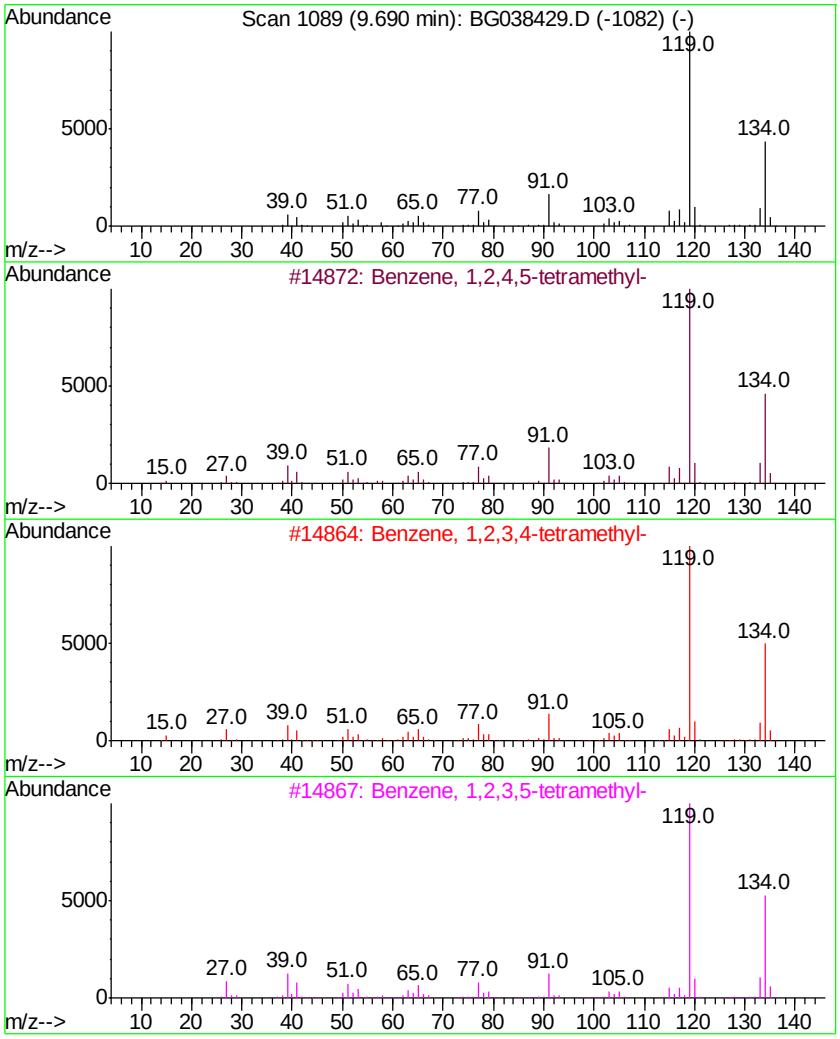
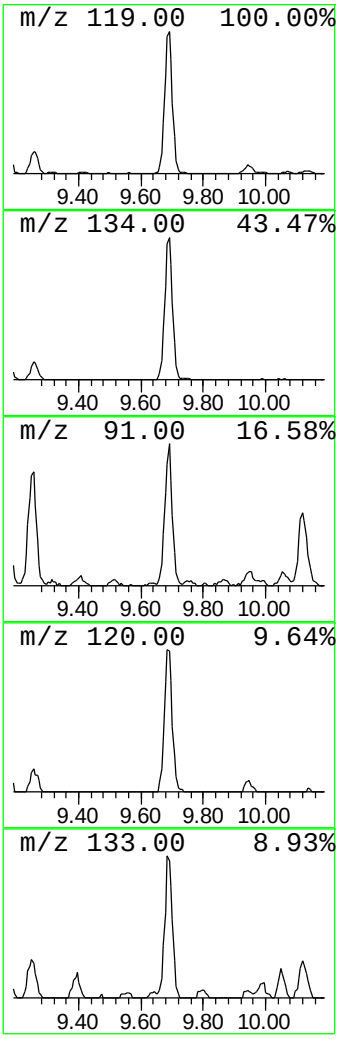
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	25.50 ng	385709	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	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-4

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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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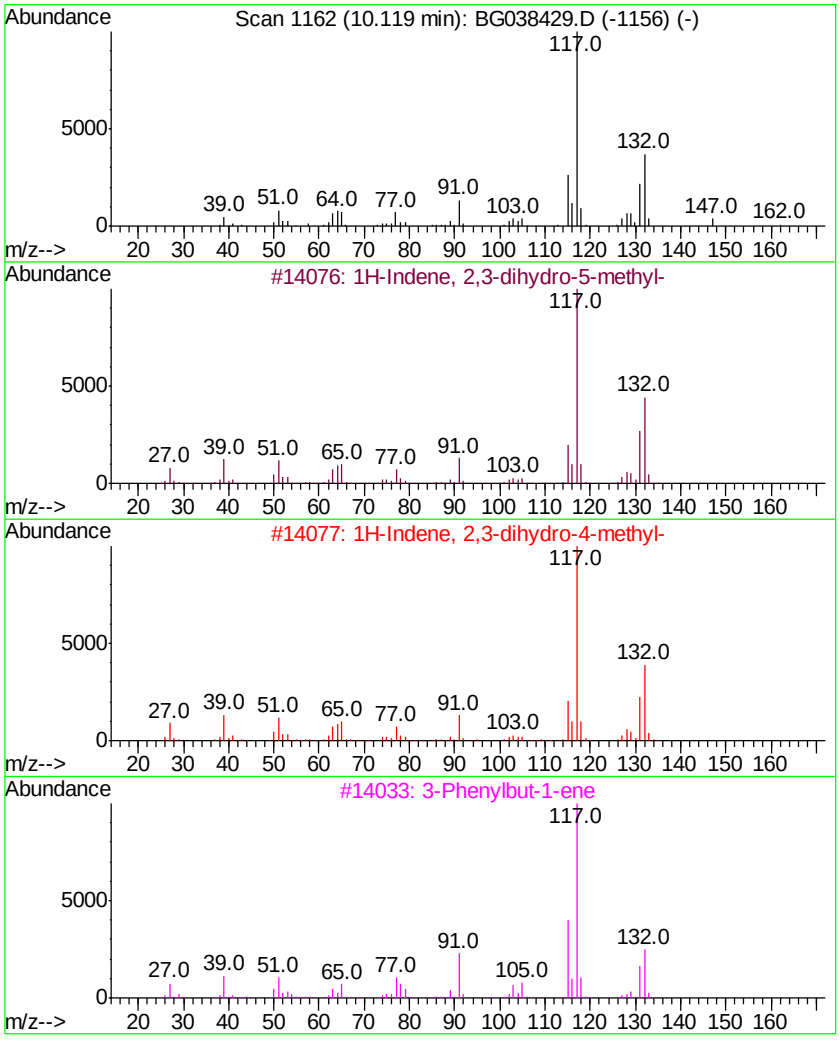
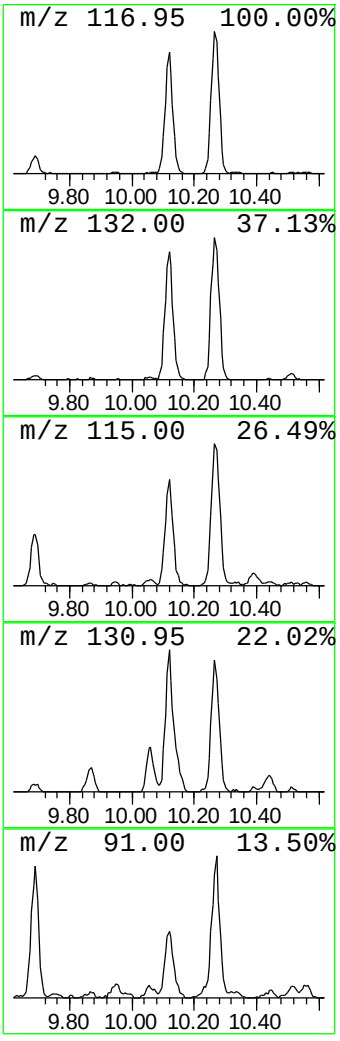
Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	19.72 ng	298281	Naphthalene-d8	10.89

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	94
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-4

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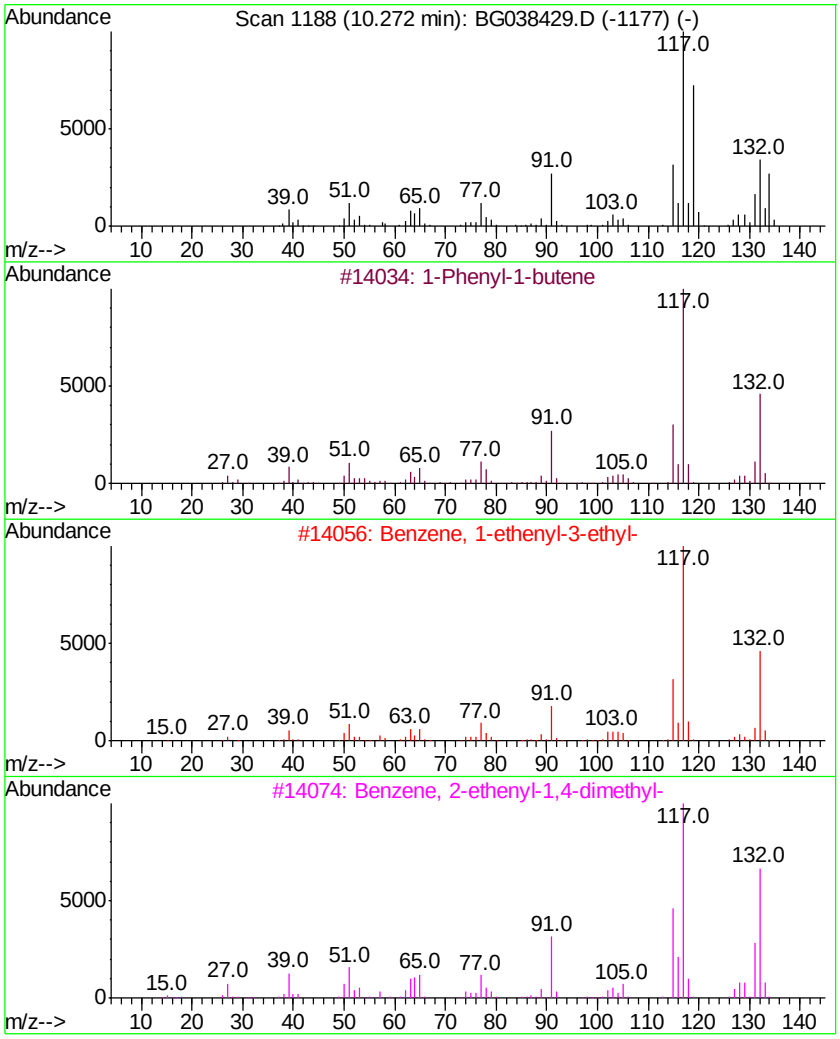
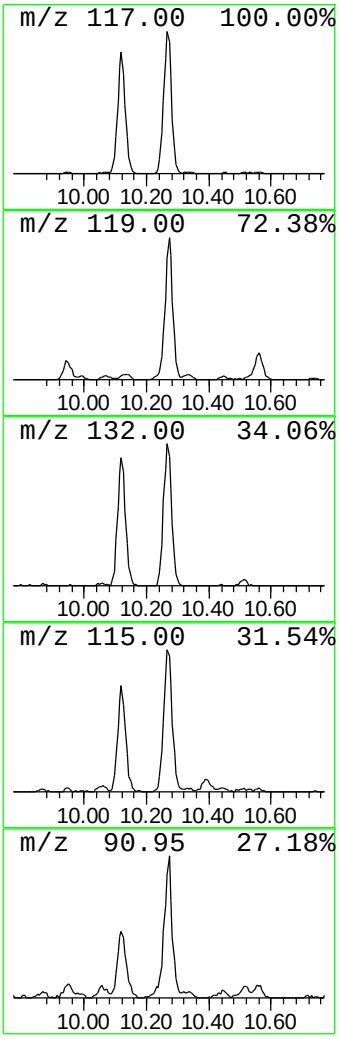
Peak Number 20 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	33.46 ng	506056	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	96
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038429.D
Acq On : 8 Dec 2018 9:16
Operator : JU/SJ
Sample : J6019-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexene, 4-me...	3.91	7.5	ng	61952	1	8.07	166110	20.0
Cyclopentene, 4,4...	3.99	13.6	ng	113242	1	8.07	166110	20.0
Cyclopentene, 3-e...	4.03	11.0	ng	91070	1	8.07	166110	20.0
Cyclohexene, 1-me...	4.26	11.5	ng	95459	1	8.07	166110	20.0
Ethylbenzene	5.55	9.1	ng	75939	1	8.07	166110	20.0
Benzene, 1,3-dime...	5.70	20.2	ng	167698	1	8.07	166110	20.0
Benzene, (1-methy...	6.53	63.2	ng	524695	1	8.07	166110	20.0
Benzene, propyl-	7.03	60.4	ng	501833	1	8.07	166110	20.0
Benzene, 1,2,3-tr...	7.44	13.2	ng	109965	1	8.07	166110	20.0
unknown7.59	7.59	79.2	ng	657678	1	8.07	166110	20.0
Indane	8.44	111.6	ng	926525	1	8.07	166110	20.0
Benzene, 1,3-diet...	8.54	27.7	ng	230112	1	8.07	166110	20.0
Benzene, 1-ethyl-...	8.70	18.8	ng	155914	1	8.07	166110	20.0
Benzene, 1,2-diet...	8.74	6.5	ng	53891	1	8.07	166110	20.0
Benzene, 1-methyl...	8.86	7.5	ng	62513	1	8.07	166110	20.0
o-Cymene	9.16	64.6	ng	536175	1	8.07	166110	20.0
Benzene, 1,2,4,5-...	9.69	25.5	ng	385709	2	10.89	302507	20.0
1H-Indene, 2,3-di...	10.12	19.7	ng	298281	2	10.89	302507	20.0
1-Phenyl-1-butene	10.27	33.5	ng	506056	2	10.89	302507	20.0