LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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	5.600	463	470	475	rBV	327472	531919	1.09%	0.534%
2	5.735	486	493	507	rVB	1476559	3963579	8.14%	3.981%
3	6.111	545	557	566	rVB2	1393117	3231386	6.63%	3.245%
4	7.192	734	741	746	rBV	307074	490081	1.01%	0.492%
5	7.257	746	752	758	rVV2	299460	524536	1.08%	0.527%
6	7.327	758	764	773	rVB	420381	678847	1.39%	0.682%
7	7.644	810	818	824	rVV	295733	508791	1.04%	0.511%
8	7.768	832	839	847	rVV2	1963609	3812546	7.83%	3.829%
9	7.850	847	853	861	rVB	453314	731666	1.50%	0.735%
10	8.232	907	918	923	rVV	429519	743883	1.53%	0.747%
11	8.297	923	929	937	rVB	343350	579655	1.19%	0.582%
12	8.496	958	963	970	rVB	285091	498373	1.02%	0.501%
13	8.690	981	996	1002	rBV	4966730	12143407	24.93%	12.195%
14	9.290	1091	1098	1108	rVB	218919	495110	1.02%	0.497%
15	10.365	1267	1281	1287	rBV	1098871	2649369	5.44%	2.661%
16	10.441	1287	1294	1308	rVB	942274	2835128	5.82%	2.847%
17	11.099	1370	1406	1410	rBV	8707475	48717579	100.00%	48.926%
18	11.152	1410	1415	1422	rVB	874951	1309614	2.69%	1.315%
19	12.598	1651	1661	1667	rBV	3053312	5573980	11.44%	5.598%
20	12.815	1683	1698	1704	rVB	2186843	3919361	8.05%	3.936%
21	13.367	1785	1792	1798	rBV	691842	1030861	2.12%	1.035%
22	13.579	1821	1828	1834	rBV	356992	549102	1.13%	0.551%
23	14.466	1970	1979	1991	rVB	541627	892804	1.83%	0.897%
24	16.223	2268	2278	2286	rBV2	576993	925870	1.90%	0.930%
25	17.527	2496	2500	2506	rVB	355445	516651	1.06%	0.519%
26	20.083	2929	2935	2944	rBV	1284796	1719128	3.53%	1.726%

Sum of corrected areas: 99573226

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Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
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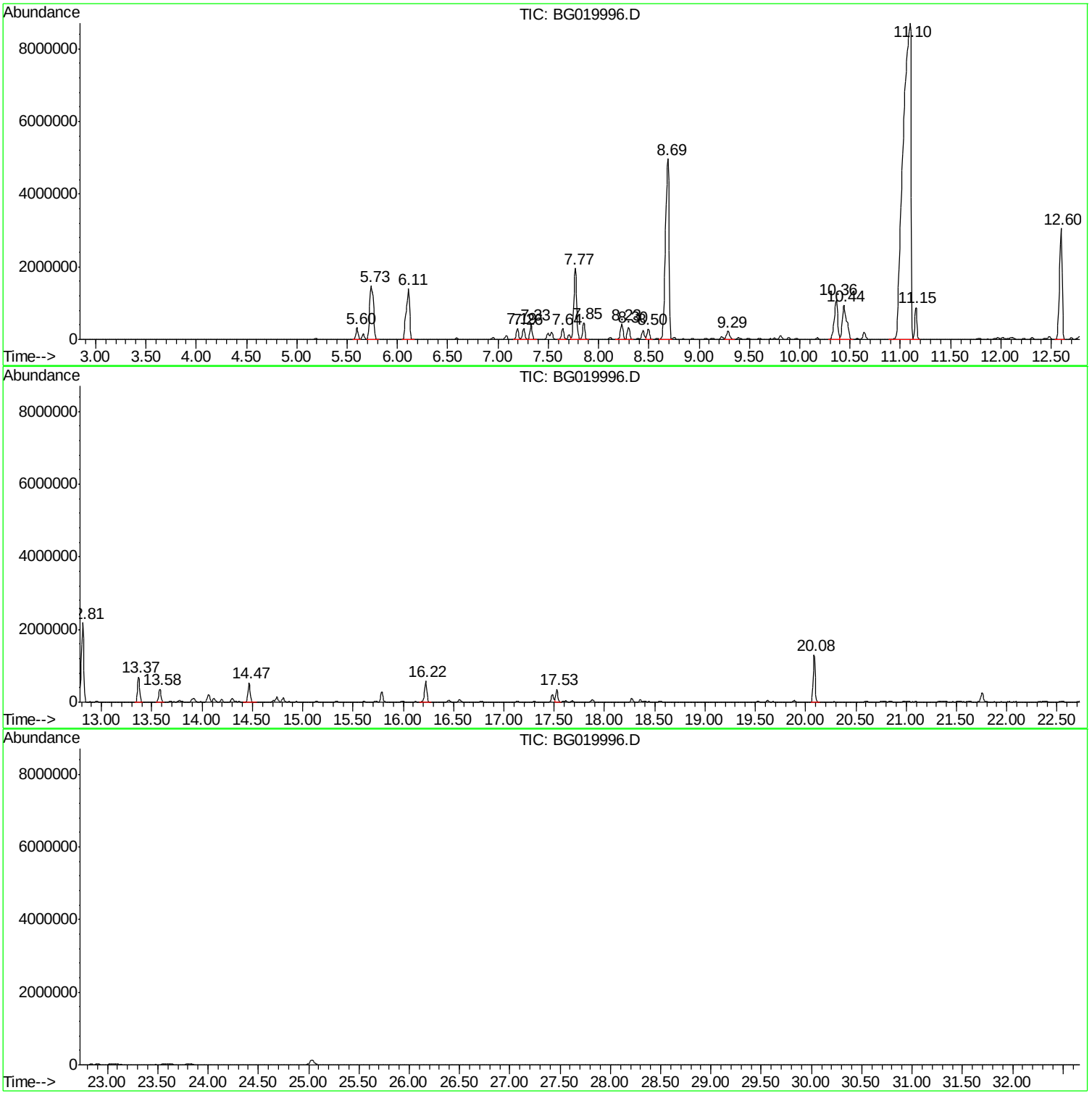
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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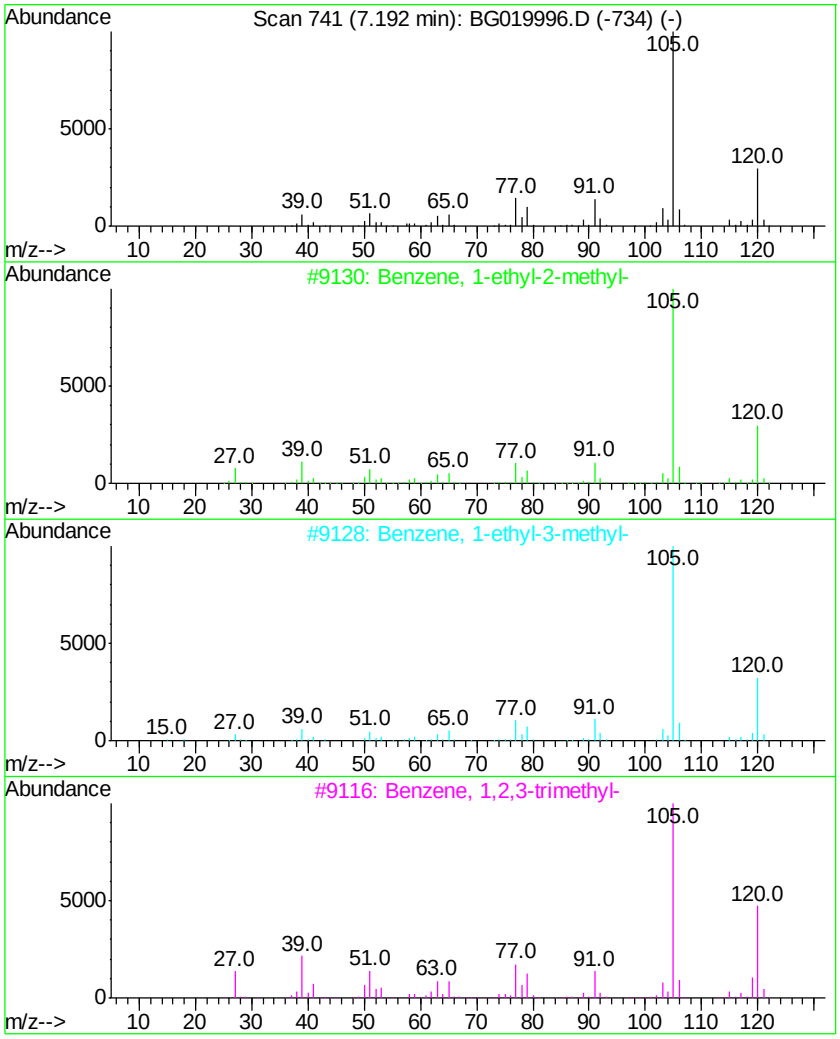
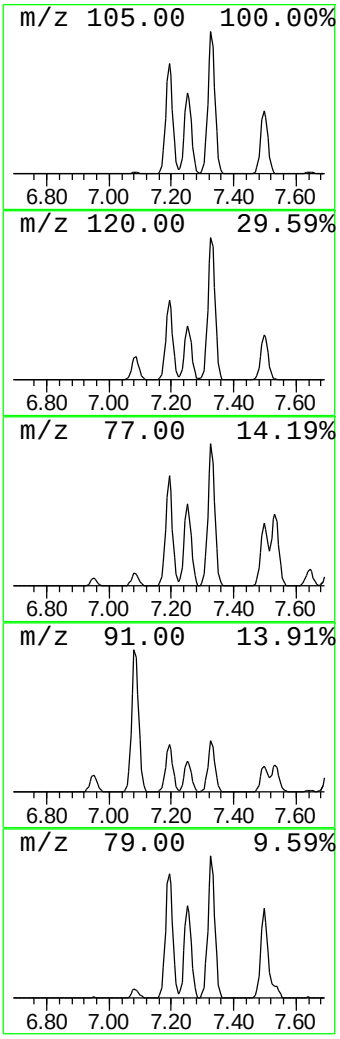
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	13.18 ng	490081	1,4-Dichlorobenzene-d4	8.11

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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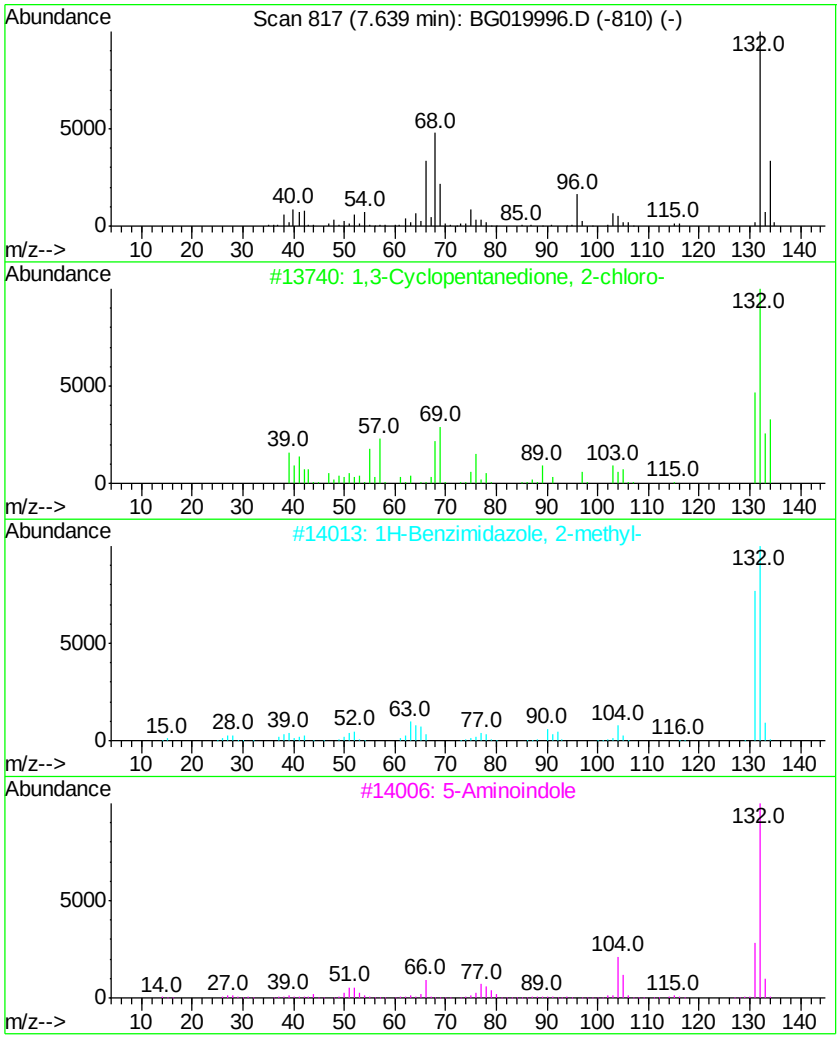
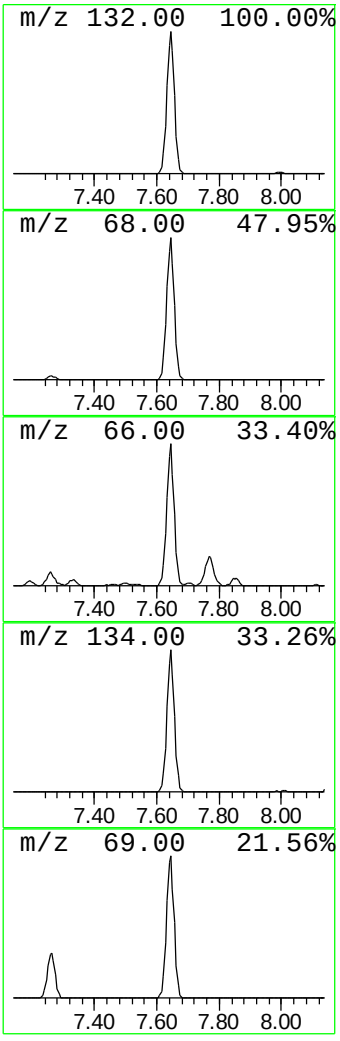
Peak Number 6 unknown7.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	13.68 ng	508791	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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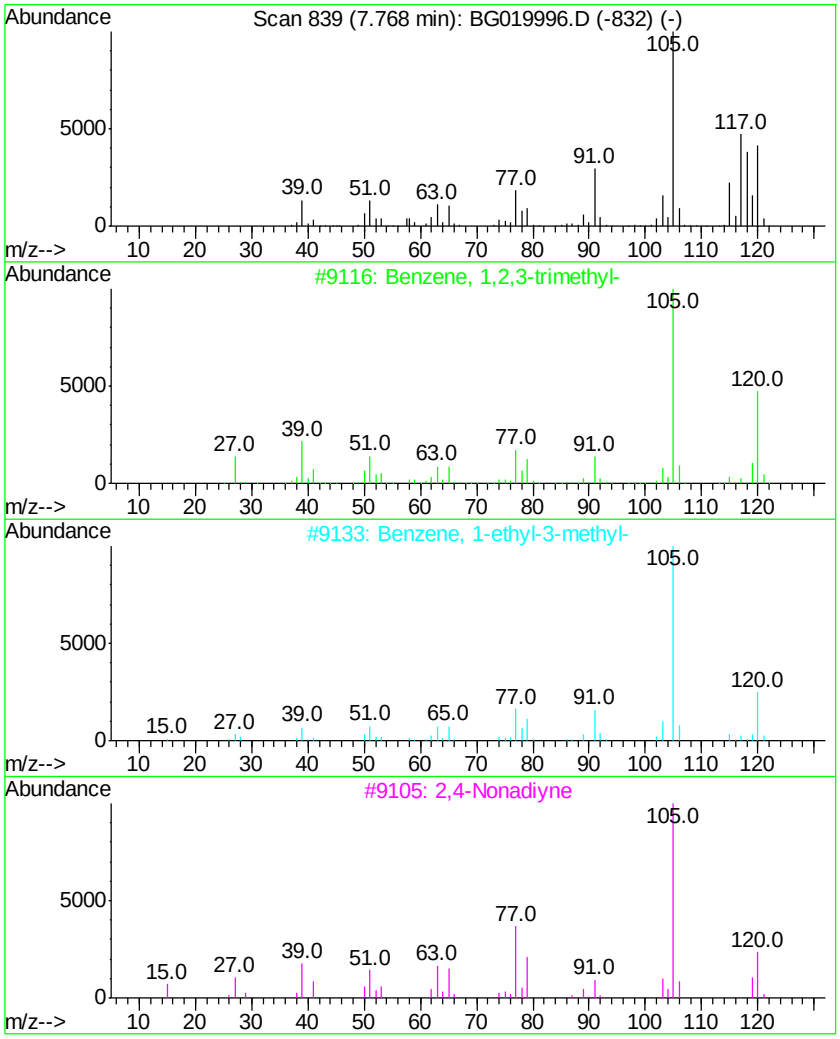
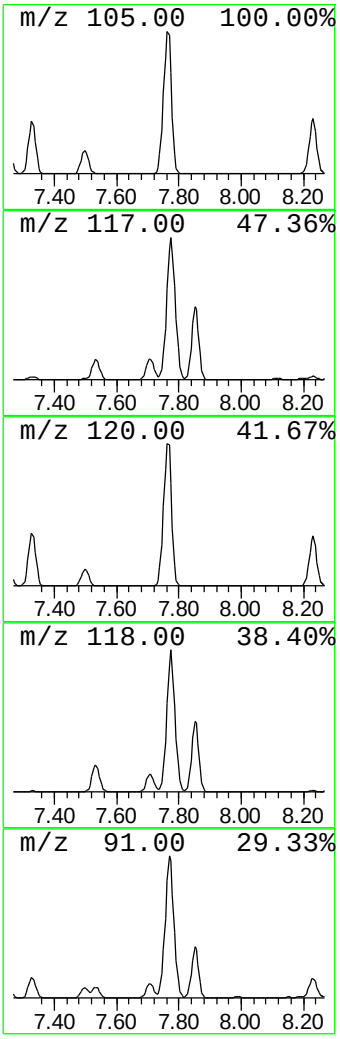
Peak Number 7 unknown7.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	102.50 ng	3812550	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
3	2,4-Nonadiyne	120	C9H12	063621-15-8	46
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	42
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	41





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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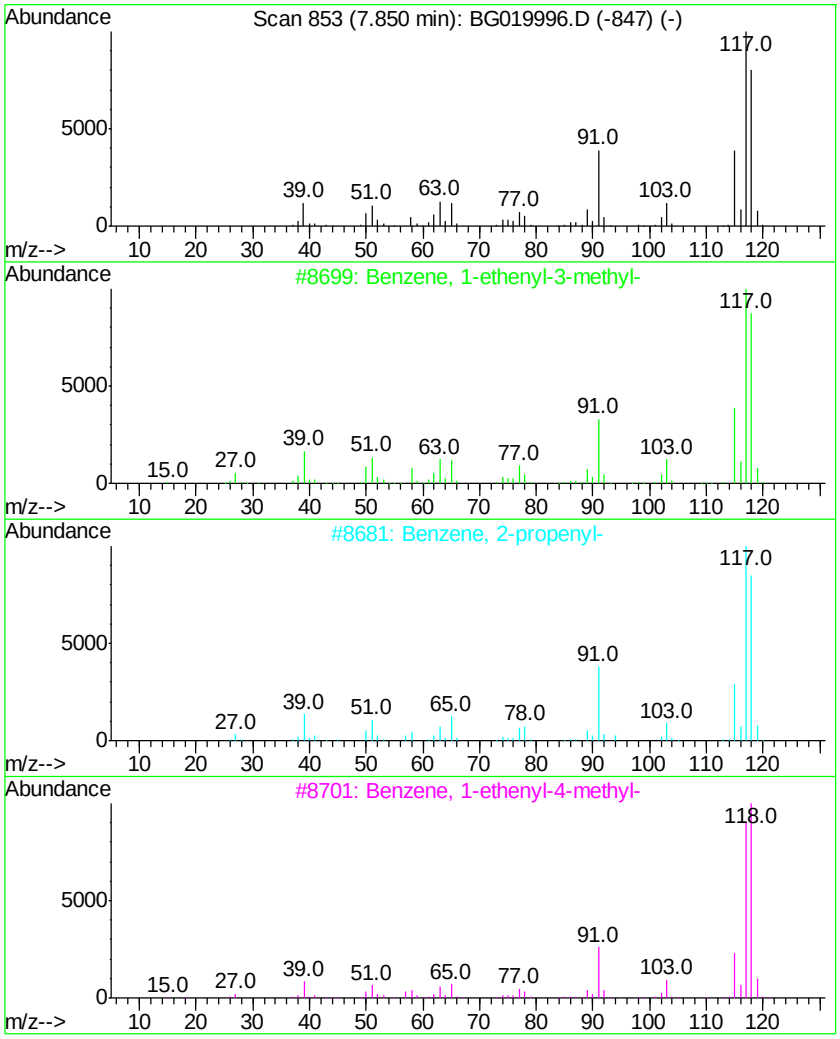
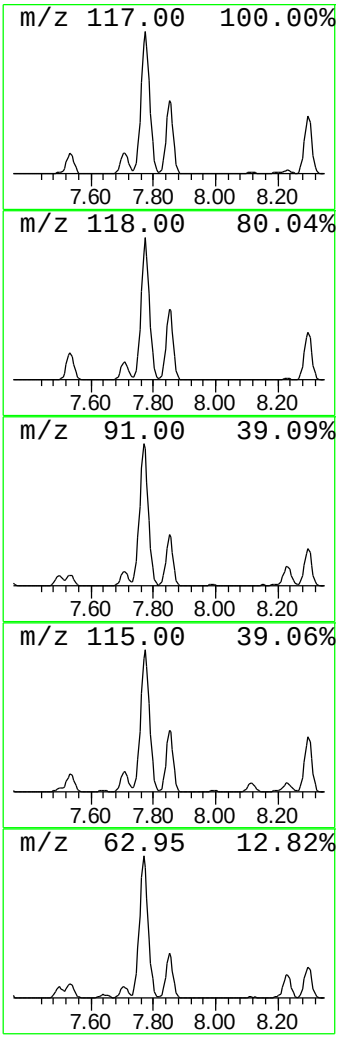
Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	19.67 ng	731666	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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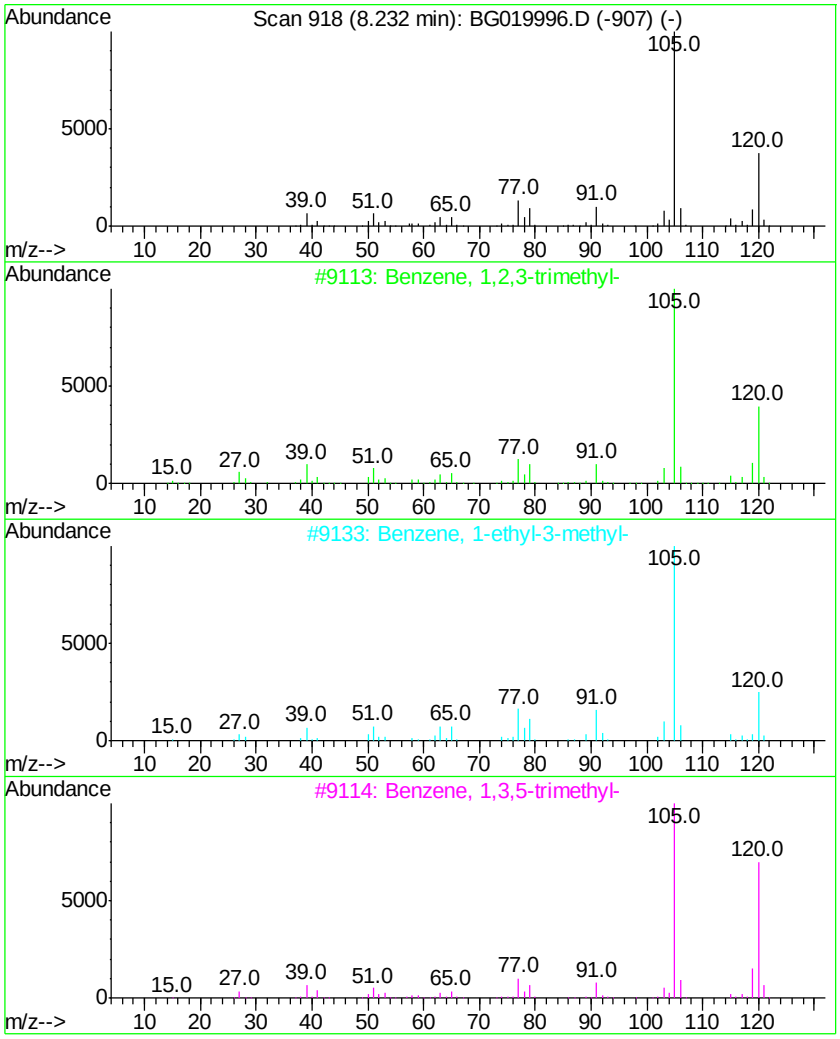
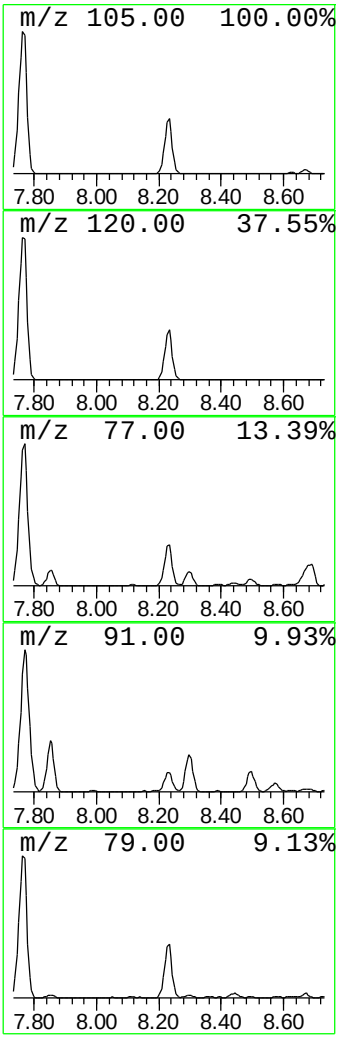
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	20.00 ng	743883	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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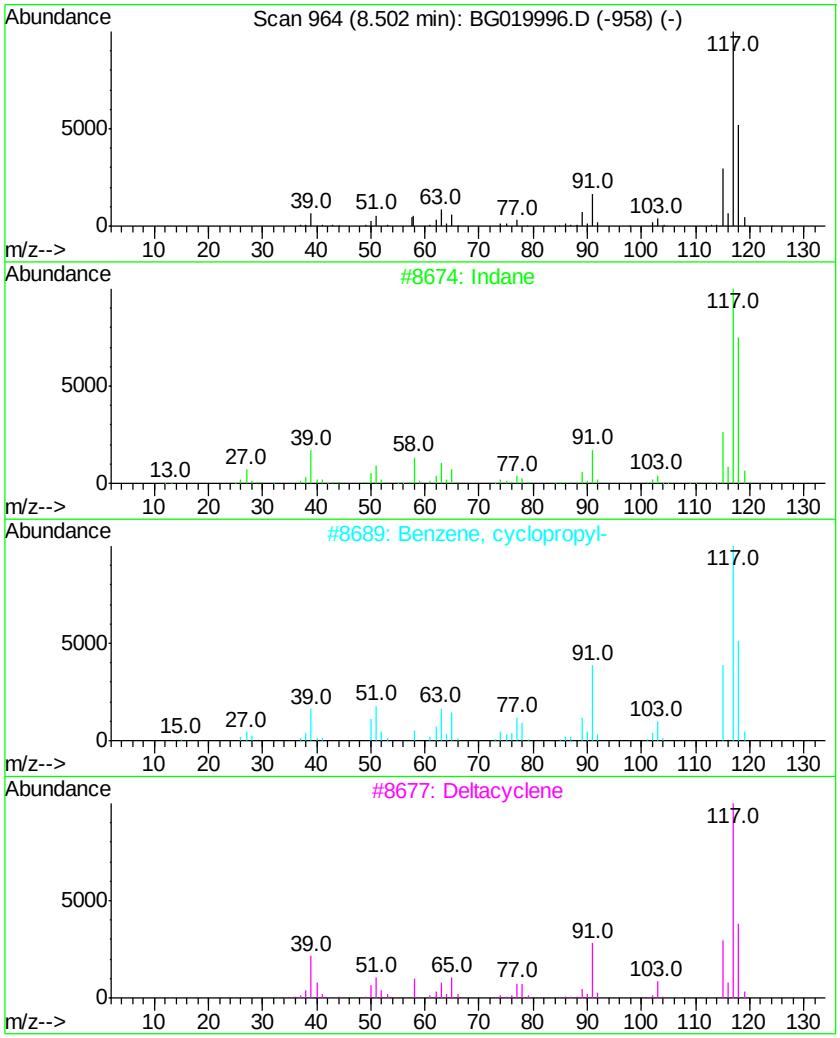
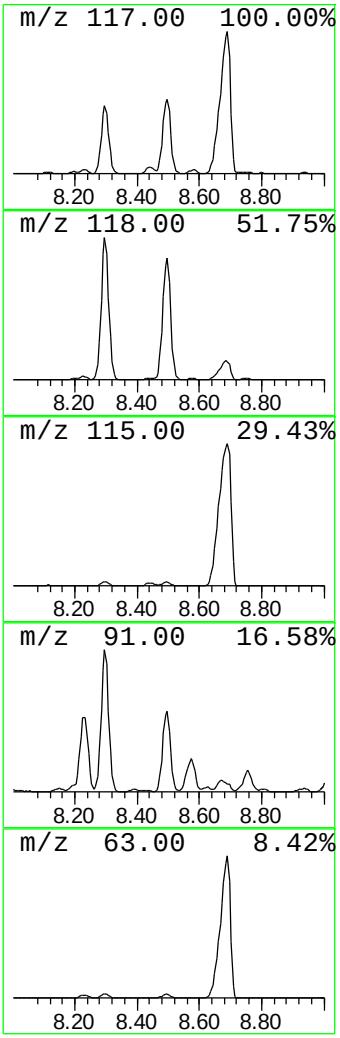
Peak Number 11 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	13.40 ng	498373	1,4-Dichlorobenzene-d4	8.11

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	81
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64





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Data File : BG019996.D
Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-11C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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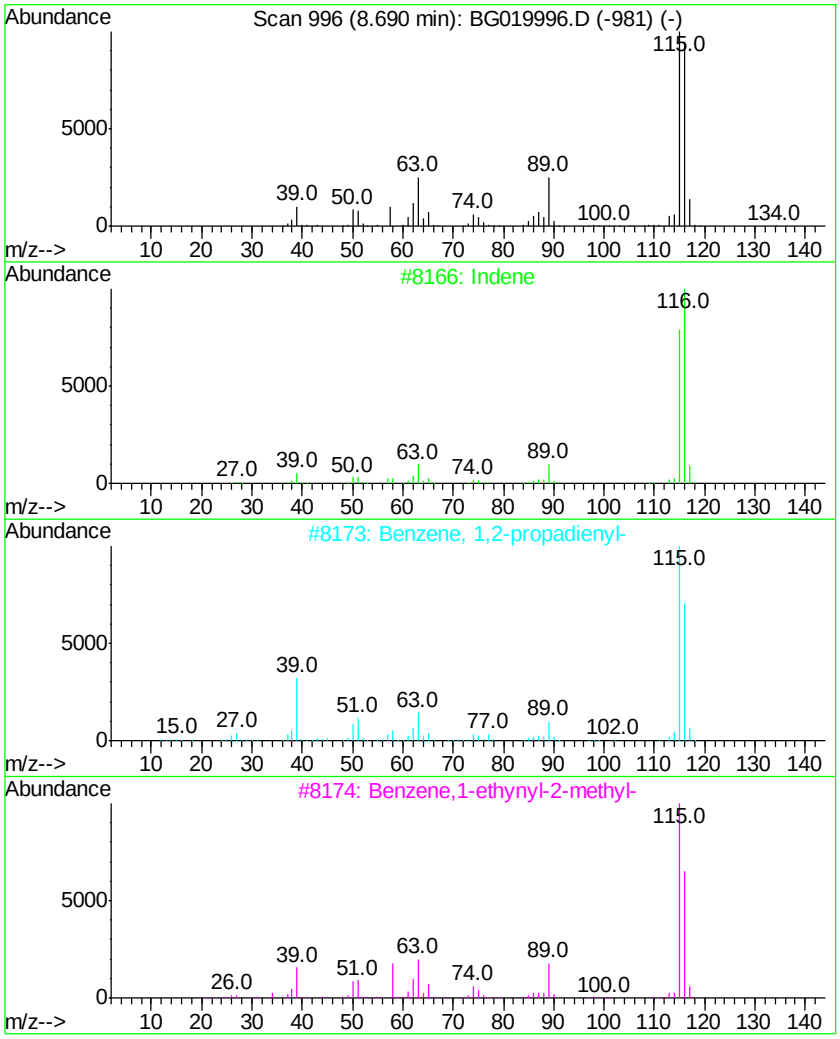
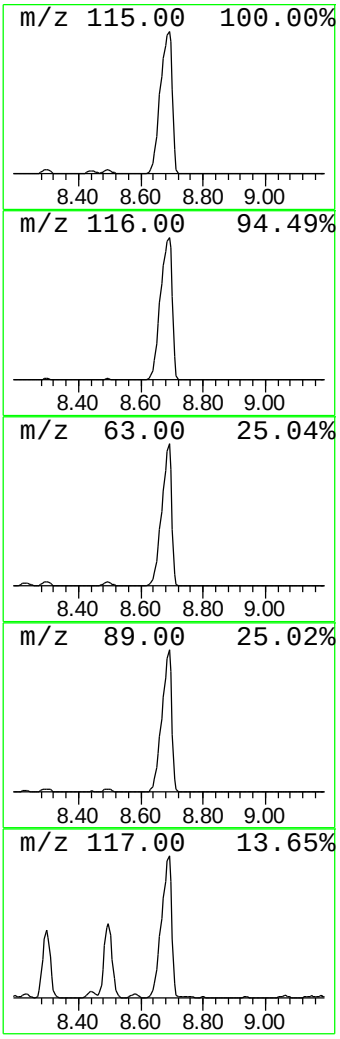
Peak Number 12 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	326.49 ng	12143400	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
3	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120715\
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Acq On : 8 Dec 2015 00:46
Operator : UM/NP
Sample : G4676-08
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.19	13.2	ng	490081	1	8.11	743883	20.0
unknown7.64	7.64	13.7	ng	508791	1	8.11	743883	20.0
unknown7.77	7.77	102.5	ng	3812550	1	8.11	743883	20.0
Benzene, 1-etheny...	7.85	19.7	ng	731666	1	8.11	743883	20.0
Benzene, 1-ethyl-...	8.23	20.0	ng	743883	1	8.11	743883	20.0
Indane	8.50	13.4	ng	498373	1	8.11	743883	20.0
Indene	8.69	326.5	ng	12143400	1	8.11	743883	20.0