LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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	4.253	234	241	258	rBV	1899078	3199997	15.85%	5.720%
2	5.599	463	470	476	rBV	308068	490256	2.43%	0.876%
3	5.734	486	493	495	rBV	654116	1116244	5.53%	1.995%
4	6.092	545	554	572	rVB2	1988114	4644068	23.00%	8.302%
5	7.256	746	752	759	rBV2	138418	235472	1.17%	0.421%
6	7.326	759	764	770	rVB	135113	213027	1.06%	0.381%
7	7.644	811	818	824	rBV	239523	410041	2.03%	0.733%
8	7.767	832	839	847	rVV2	903675	1787784	8.86%	3.196%
9	7.849	847	853	860	rVB	254904	419153	2.08%	0.749%
10	8.225	908	917	923	rBV	137693	240510	1.19%	0.430%
11	8.443	947	954	958	rBV	191166	335881	1.66%	0.600%
12	8.490	958	962	969	rVB	118707	202893	1.00%	0.363%
13	8.678	980	994	1001	rBV	3941986	8395411	41.58%	15.008%
14	9.283	1091	1097	1107	rVB	196564	380129	1.88%	0.680%
15	10.358	1268	1280	1286	rBV	461481	1030285	5.10%	1.842%
16	10.428	1286	1292	1297	rBV	395848	848932	4.20%	1.518%
17	11.040	1373	1396	1401	rBV	6226113	20188851	100.00%	36.090%
18	11.116	1403	1409	1417	rVB	291530	485335	2.40%	0.868%
19	12.585	1650	1659	1665	rBV	1393182	2308383	11.43%	4.126%
20	12.802	1682	1696	1705	rBV	1026487	1776447	8.80%	3.176%
21	13.366	1782	1792	1798	rBV	594101	904670	4.48%	1.617%
22	13.578	1822	1828	1841	rVB	175353	280451	1.39%	0.501%
23	14.471	1971	1980	1987	rBV	1094696	1753610	8.69%	3.135%
24	14.741	2021	2026	2032	rVB2	160158	247803	1.23%	0.443%
25	16.222	2267	2278	2297	rBV2	540585	895663	4.44%	1.601%
26	17.485	2486	2493	2496	rBV2	218960	339934	1.68%	0.608%
27	17.526	2496	2500	2506	rVB	252680	359763	1.78%	0.643%
28	20.082	2929	2935	2942	rBV	1221256	1621349	8.03%	2.898%
29	21.756	3213	3220	3227	rVB	264563	433616	2.15%	0.775%
30	25.029	3767	3777	3789	rBV2	136354	394523	1.95%	0.705%

Sum of corrected areas: 55940481

LSC Report - Integrated Chromatogram

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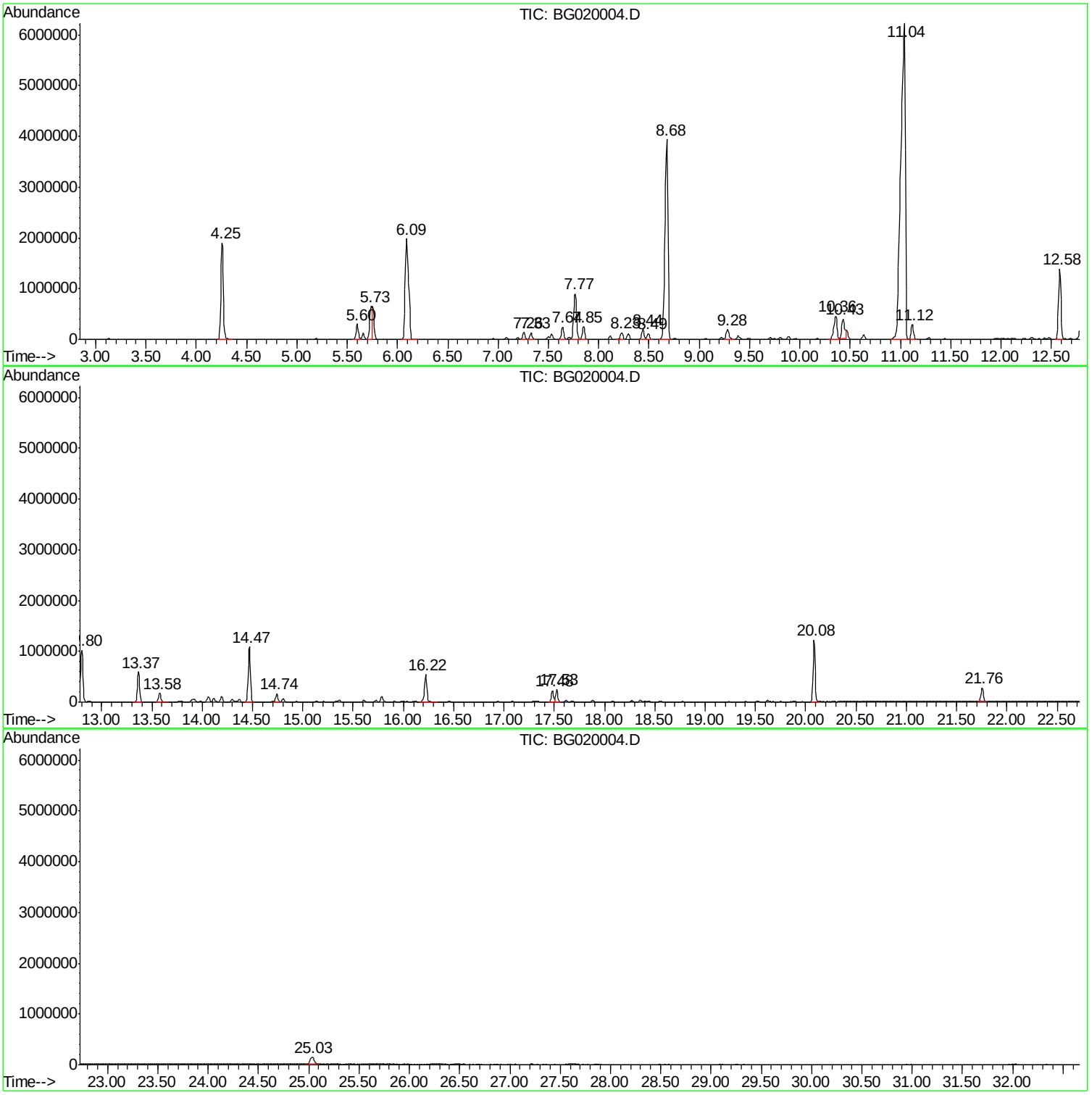
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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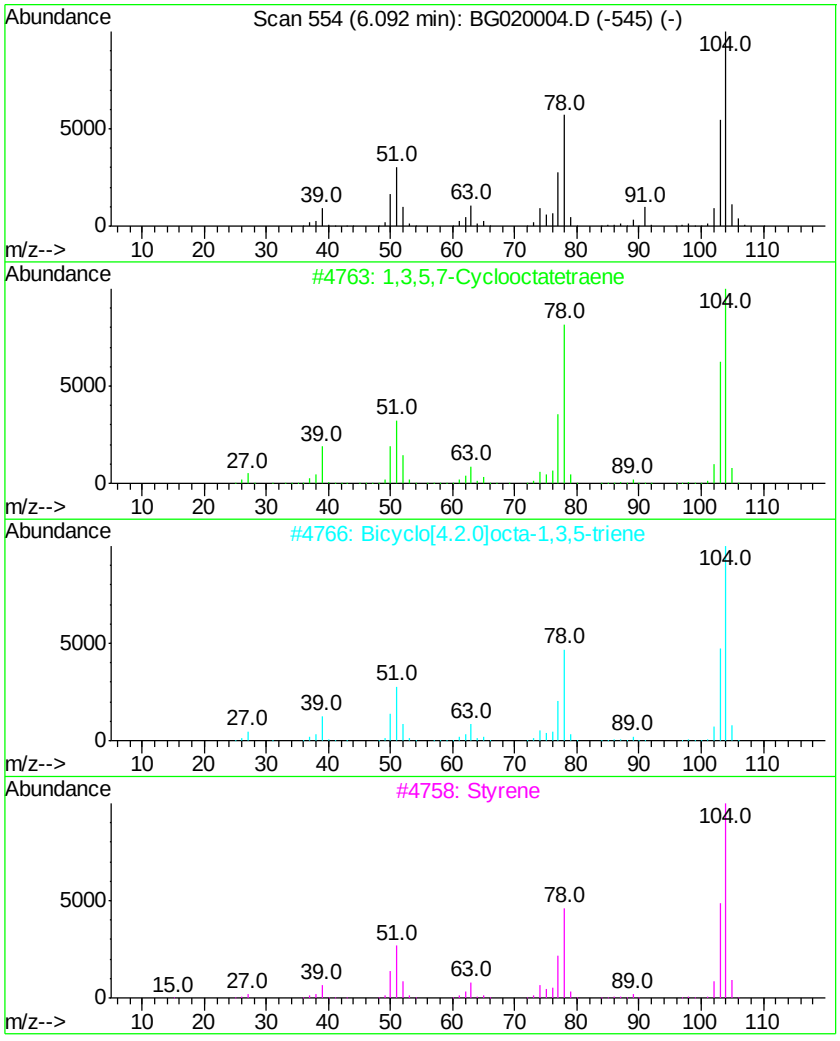
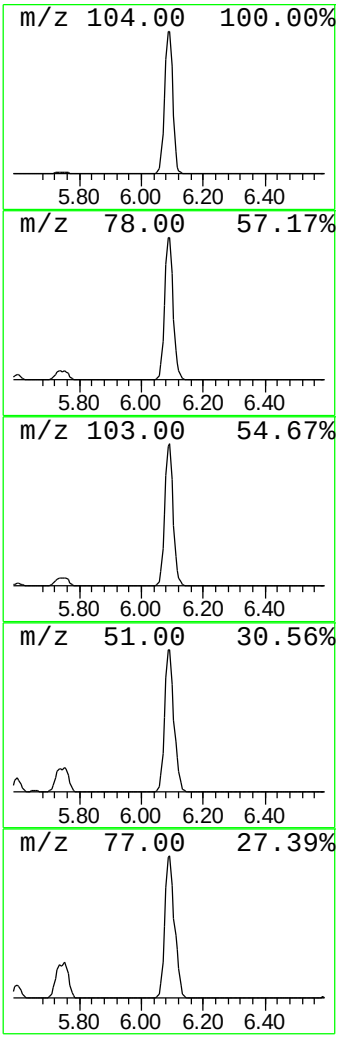
Peak Number 4 1,3,5,7-Cyclooctatetraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	386.19 ng	4644070	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	Propanedinitrile, methylene-	78	C4H2N2	000922-64-5	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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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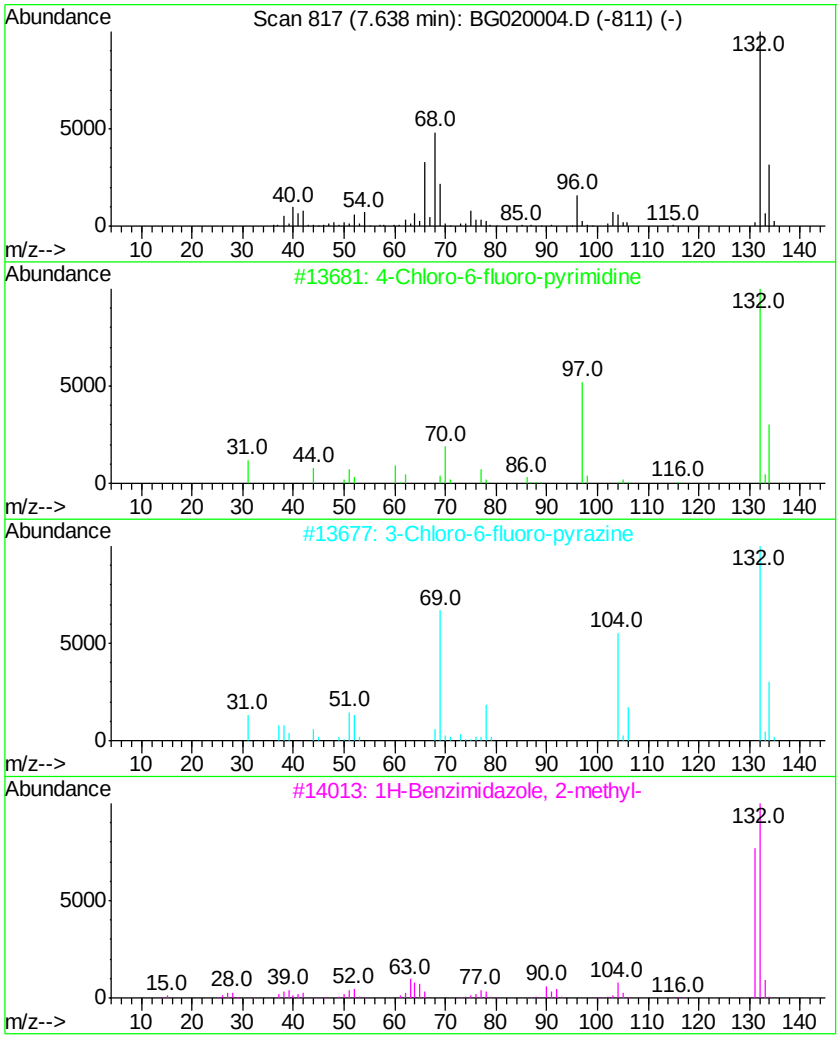
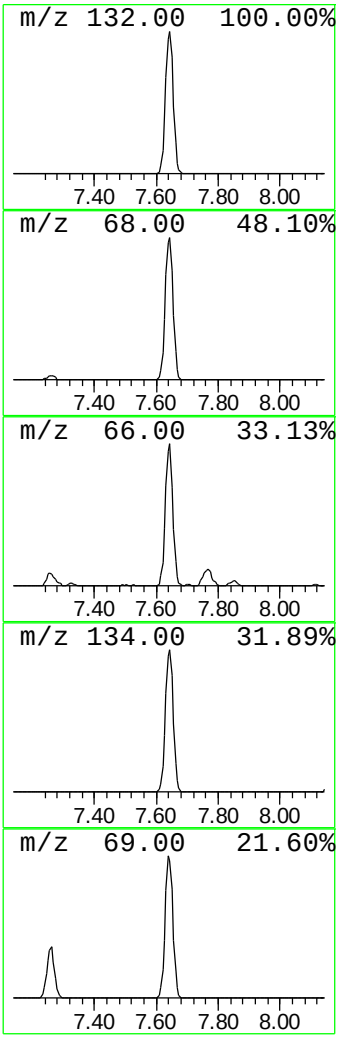
Peak Number 6 unknown7.64 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	34.10 ng	410041	1,4-Dichlorobenzene-d4	8.11

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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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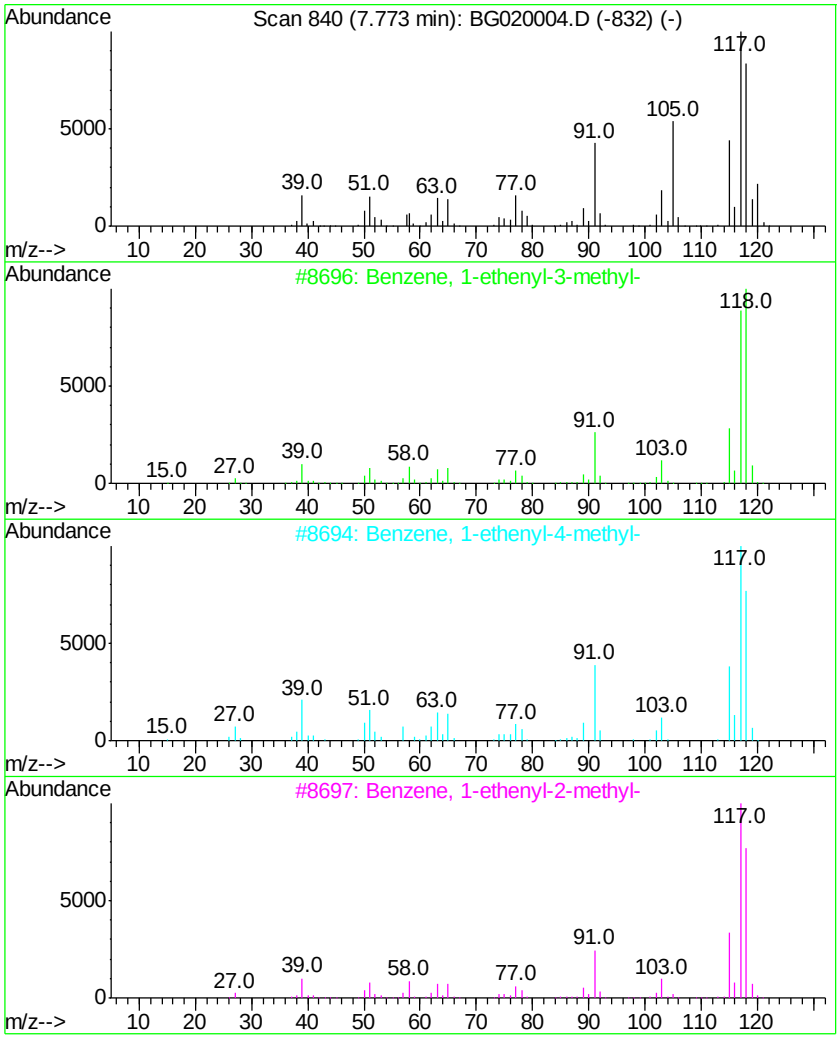
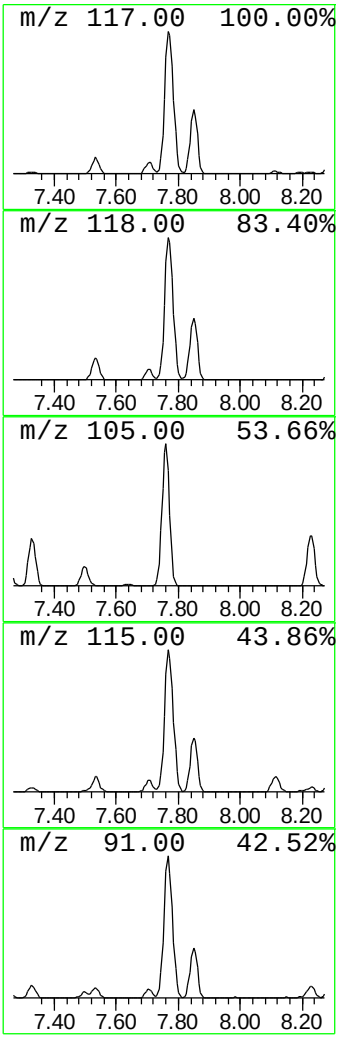
Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	148.67 ng	1787780	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	86
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	78
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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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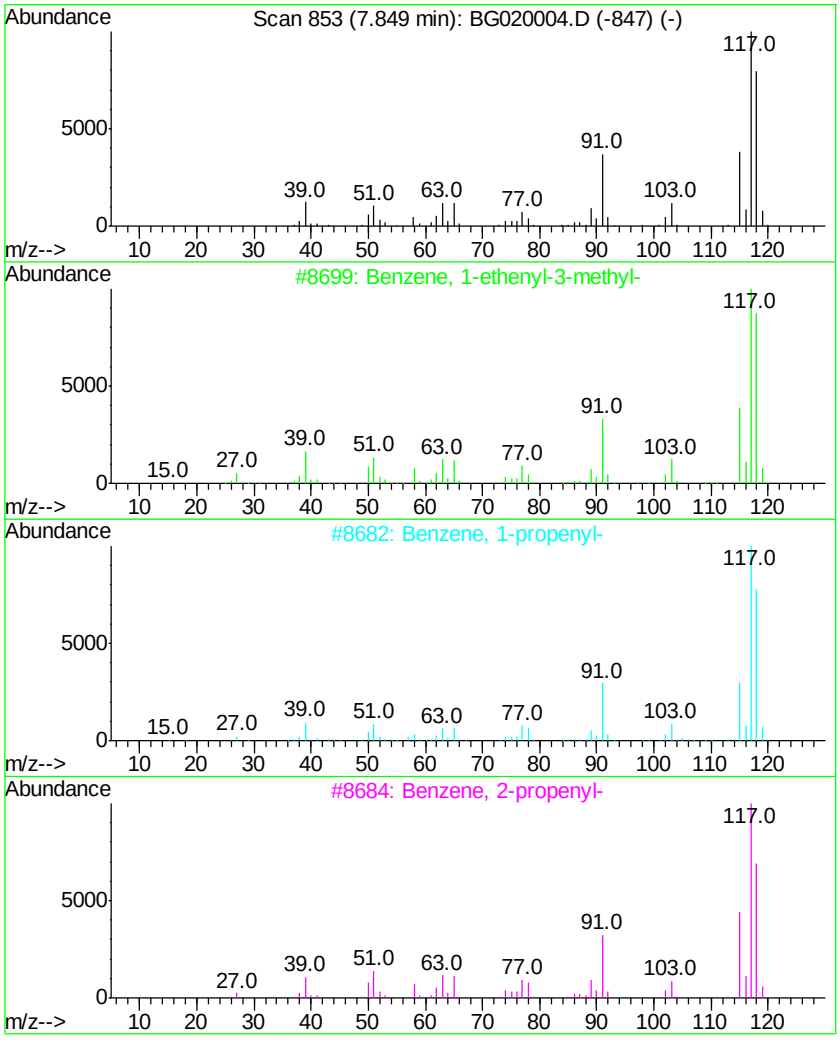
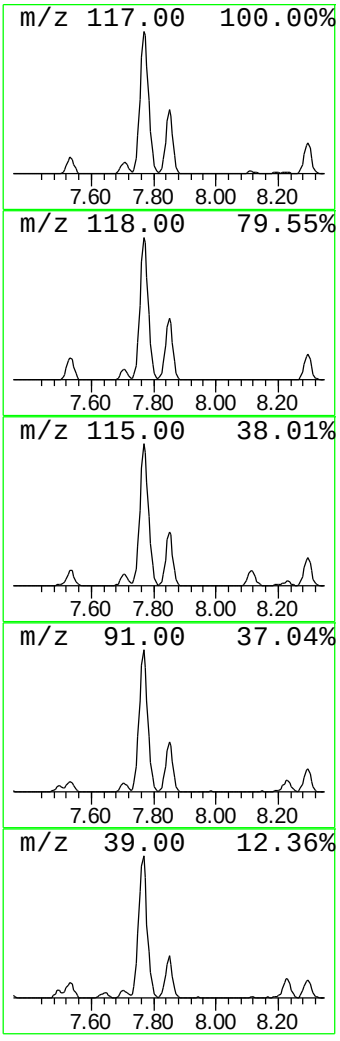
Peak Number 8 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	34.86 ng	419153	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, 1-propenyl-	118	C9H10	000637-50-3	94
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG020004.D
Acq On : 8 Dec 2015 5:55
Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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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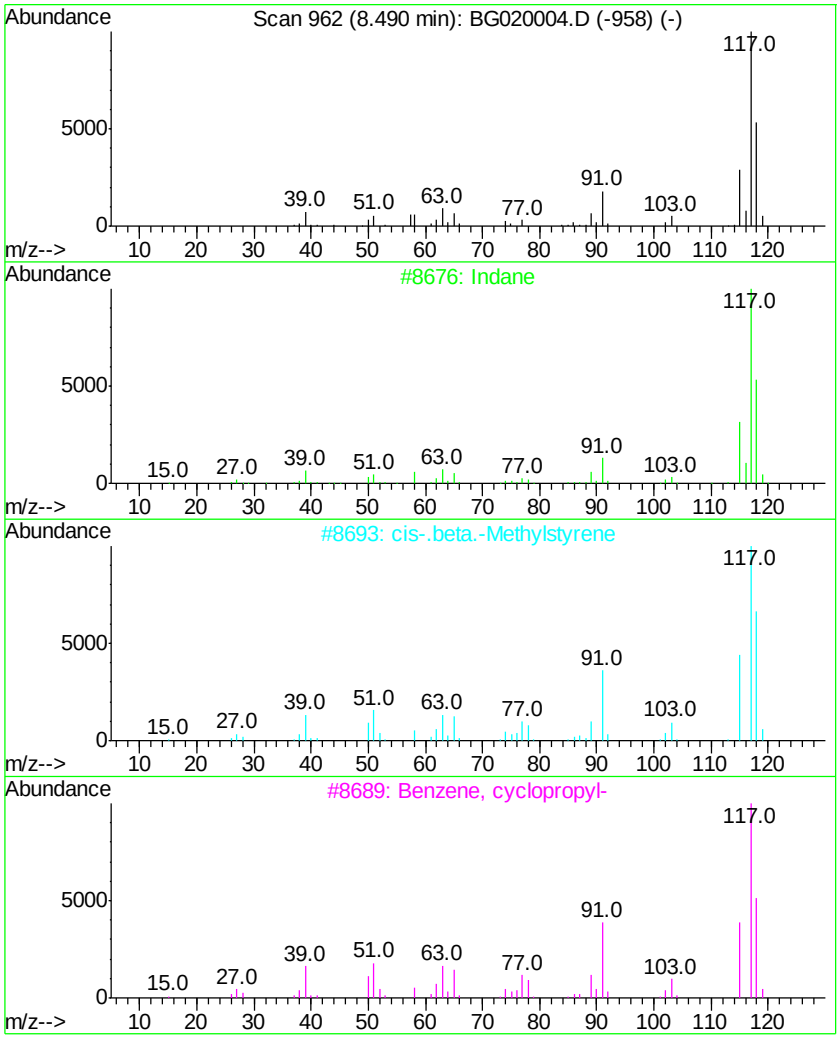
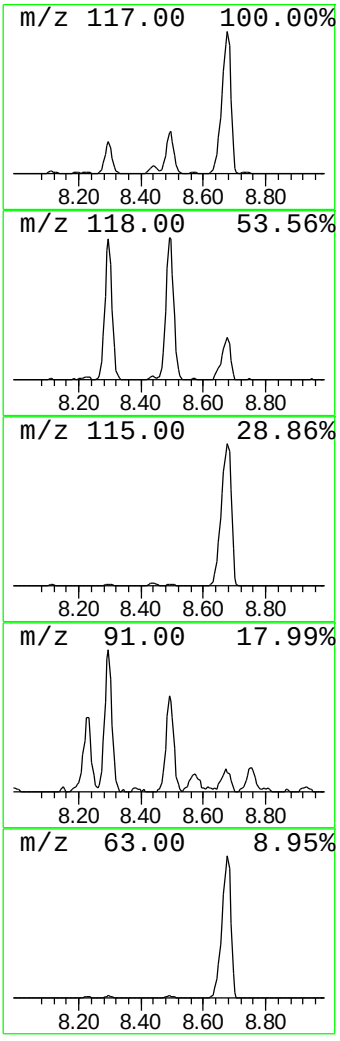
Peak Number 11 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	16.87 ng	202893	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	59





Library Search Compound Report

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Operator : UM/NP
Sample : G4676-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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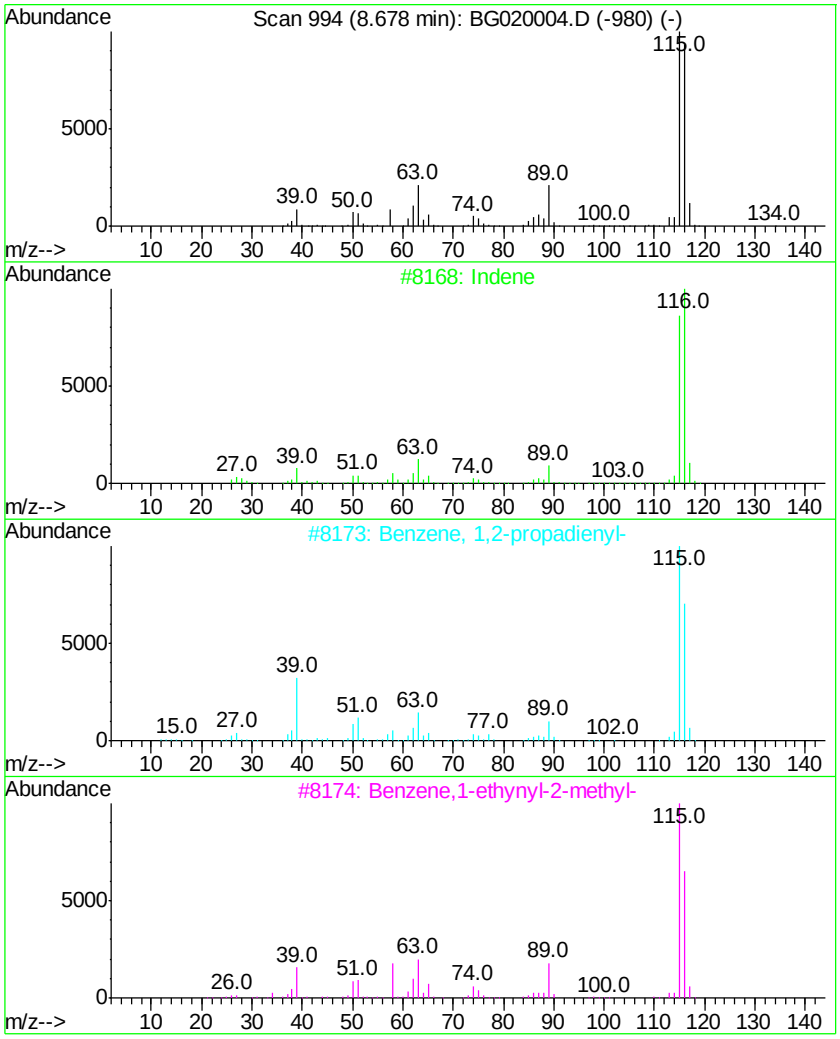
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

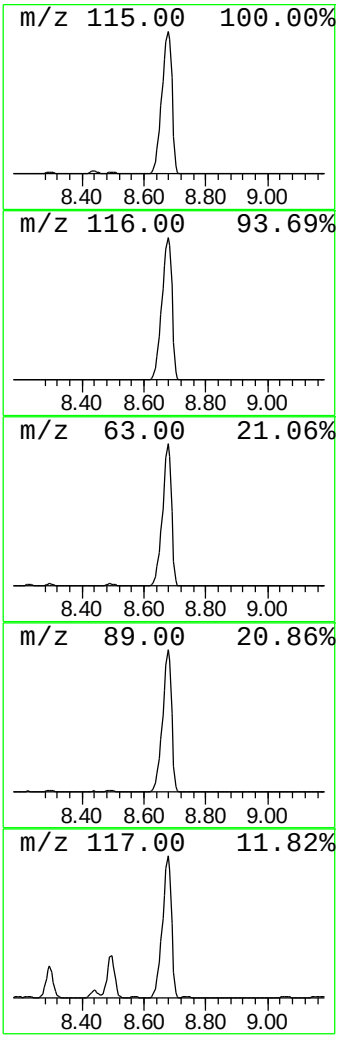
****

Peak Number 12 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	698.13 ng	8395410	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
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	90
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120715\
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Instrument : BNA_G
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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
1,3,5,7-Cycloocta...	6.09	386.2	ng	4644070	1	8.11	240510	20.0
unknown7.64	7.64	34.1	ng	410041	1	8.11	240510	20.0
Benzene, 1-etheny...	7.77	148.7	ng	1787780	1	8.11	240510	20.0
Benzene, 1-propenyl-	7.85	34.9	ng	419153	1	8.11	240510	20.0
Indane	8.49	16.9	ng	202893	1	8.11	240510	20.0
Indene	8.68	698.1	ng	8395410	1	8.11	240510	20.0