LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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	235	241	250	rBV	62698	97521	4.52%	0.914%
2	5.188	394	400	412	rVB	36585	54122	2.51%	0.507%
3	5.658	474	480	488	rVV	218934	337827	15.67%	3.168%
4	5.752	488	496	503	rVB	24407	52657	2.44%	0.494%
5	6.081	543	552	562	rBV2	71609	161066	7.47%	1.510%
6	7.256	746	752	760	rBV	156079	256389	11.89%	2.404%
7	7.644	810	818	825	rBV	379432	649253	30.12%	6.088%
8	7.761	831	838	847	rVB2	39100	75209	3.49%	0.705%
9	8.114	891	898	904	rBV	74678	120457	5.59%	1.129%
10	8.437	946	953	959	rBV	320638	555270	25.76%	5.207%
11	8.490	959	962	969	rVB2	23117	35287	1.64%	0.331%
12	8.654	981	990	998	rVB	180777	303006	14.06%	2.841%
13	9.283	1089	1097	1108	rVB	284683	513662	23.83%	4.816%
14	10.352	1271	1279	1285	rVB4	17979	37677	1.75%	0.353%
15	10.423	1285	1291	1295	rBV3	14704	29300	1.36%	0.275%
16	10.928	1368	1377	1381	rBV	103665	189371	8.79%	1.776%
17	10.981	1381	1386	1394	rVB	489659	863528	40.06%	8.097%
18	12.796	1683	1695	1702	rBV	42415	70911	3.29%	0.665%
19	13.366	1785	1792	1799	rBV	872976	1338323	62.09%	12.549%
20	14.459	1973	1978	1985	rVB	35326	54423	2.52%	0.510%
21	14.741	2020	2026	2033	rBV2	178523	284512	13.20%	2.668%
22	16.222	2271	2278	2288	rBV	719387	1106604	51.34%	10.376%
23	17.485	2487	2493	2499	rVB	229945	349866	16.23%	3.281%
24	18.355	2636	2641	2645	rBV2	30371	42383	1.97%	0.397%
25	19.618	2851	2856	2863	rBV	35955	52749	2.45%	0.495%
26	20.082	2929	2935	2942	rBV	1568048	2155453	100.00%	20.211%
27	21.751	3213	3219	3227	rBV	269792	460410	21.36%	4.317%
28	25.035	3766	3778	3790	rBV2	148896	417448	19.37%	3.914%

Sum of corrected areas: 10664684

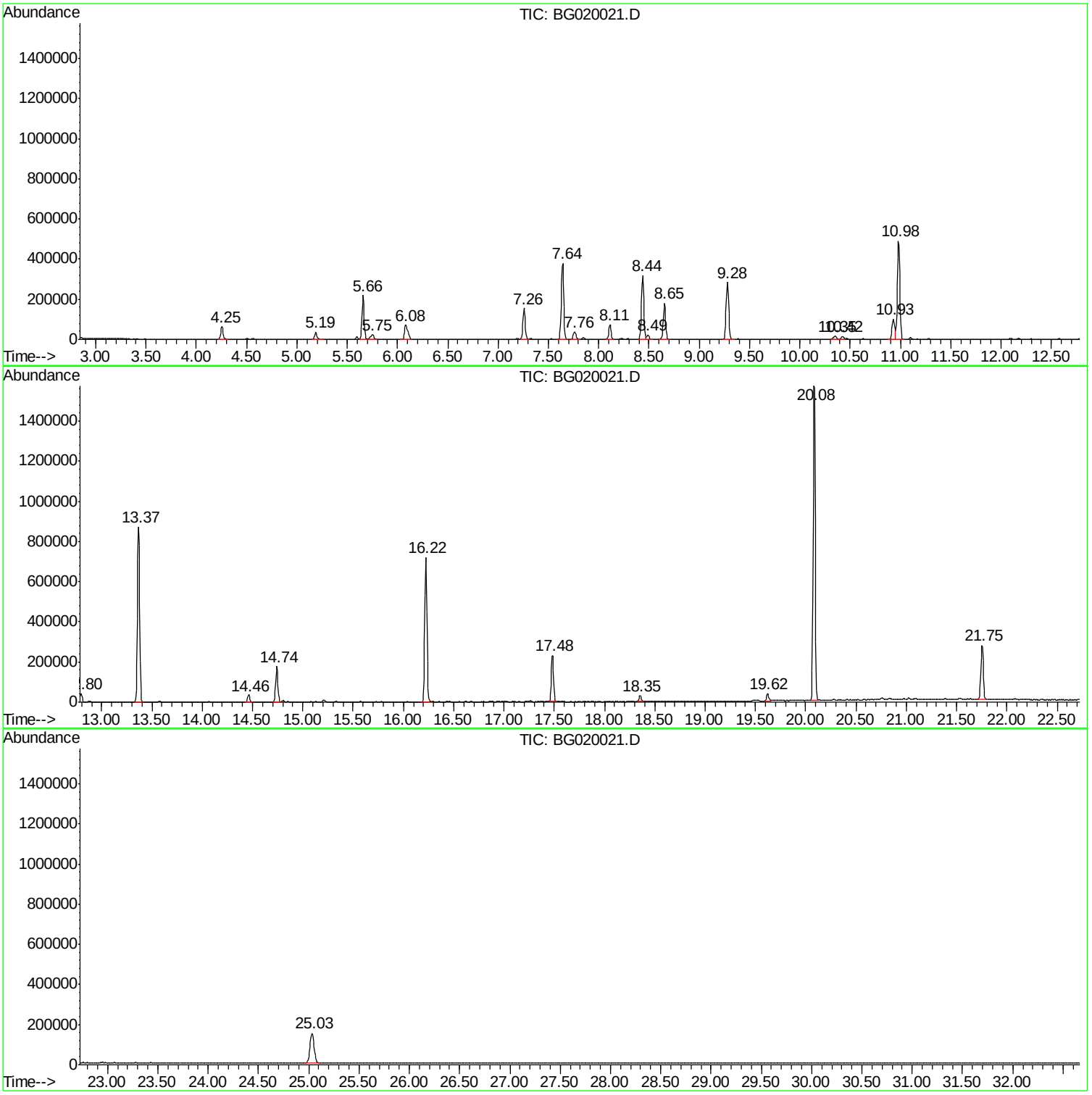
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

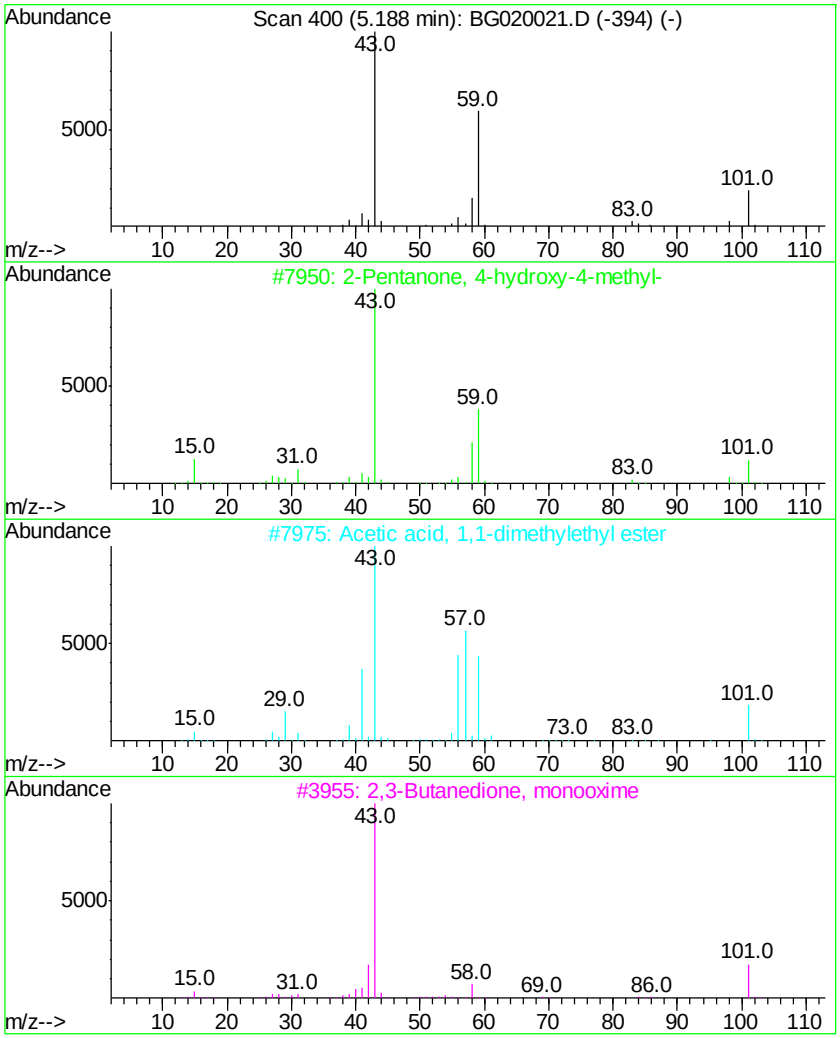
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

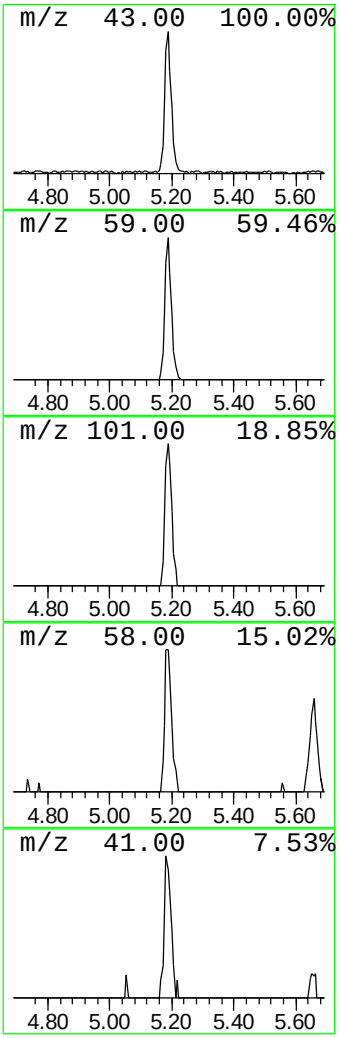
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	8.99 ng	54122	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Octanol	130	C8H18O	000589-98-0	28
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

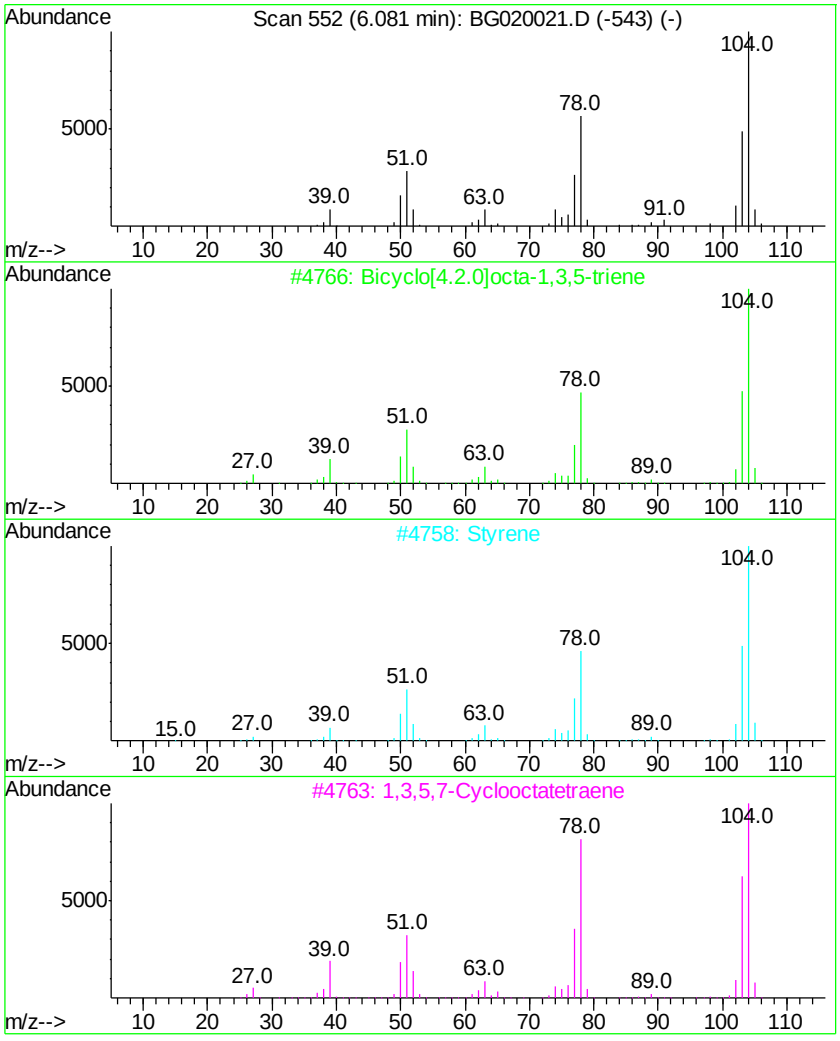
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

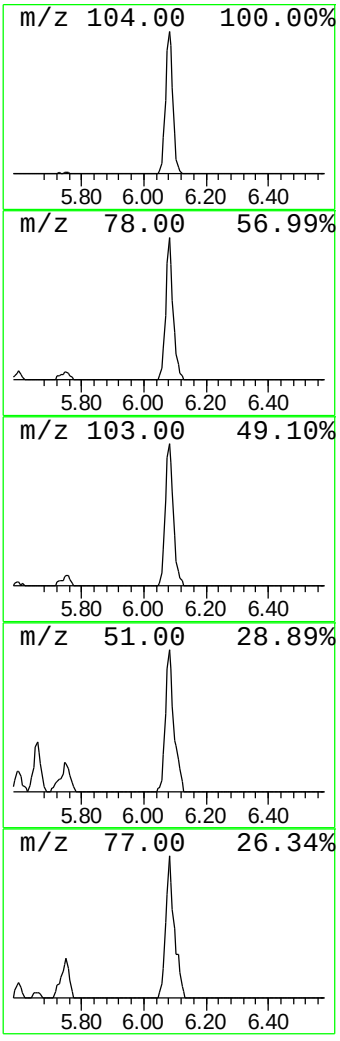
****

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	26.74 ng	161066	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	4-Pyridinecarbonitrile	104	C6H4N2	000100-48-1	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

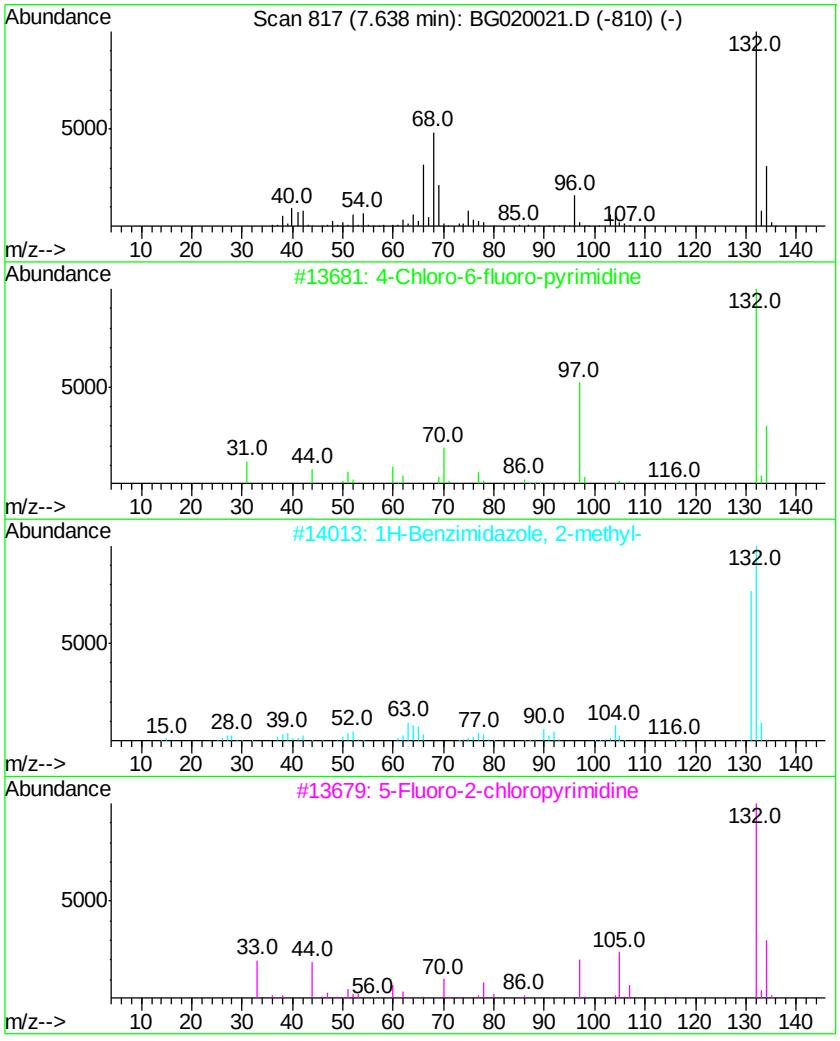
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

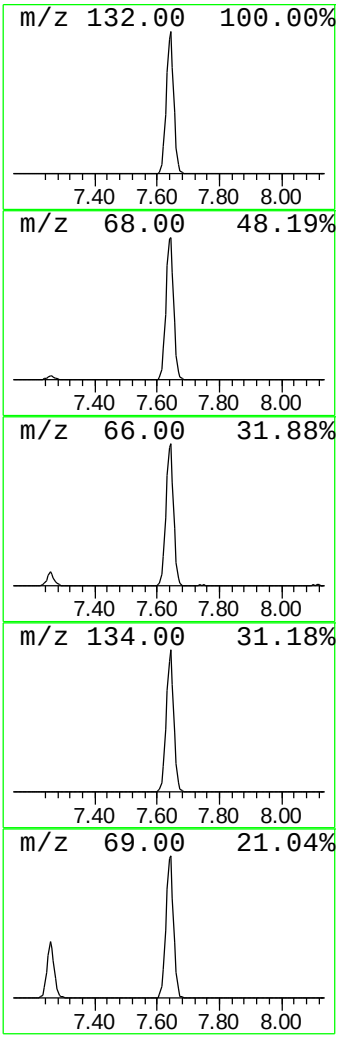
****

Peak Number 5 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	107.80 ng	649253	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

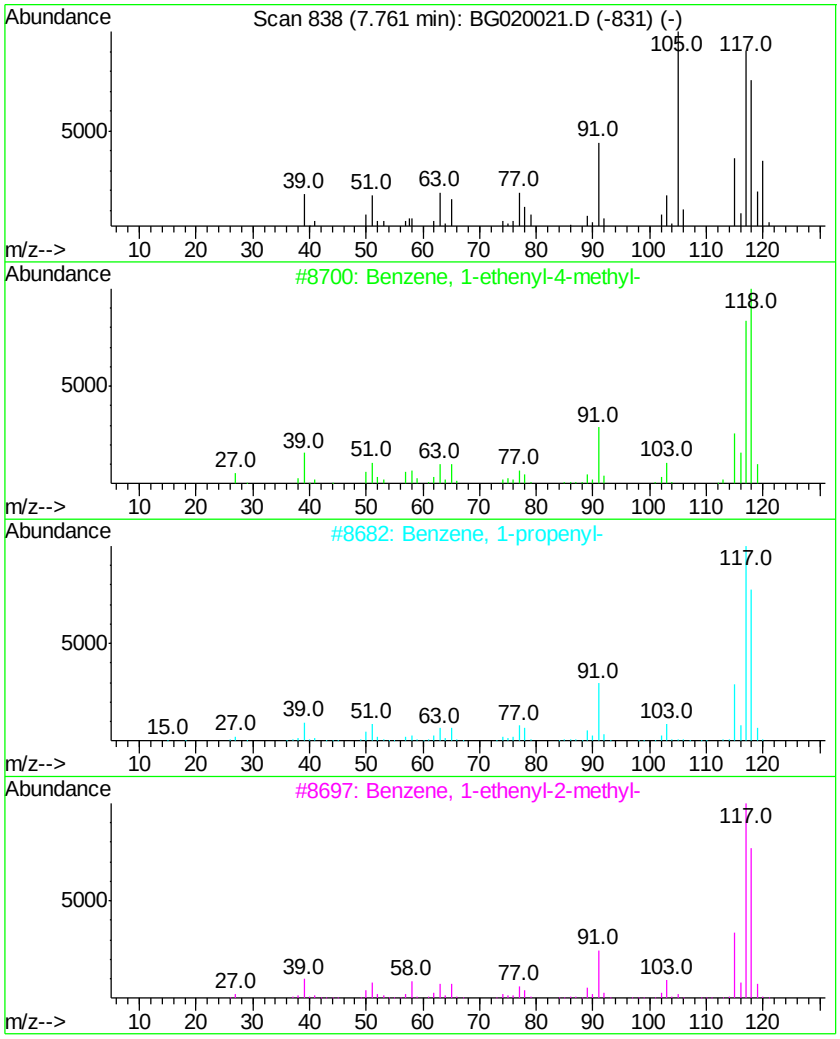
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

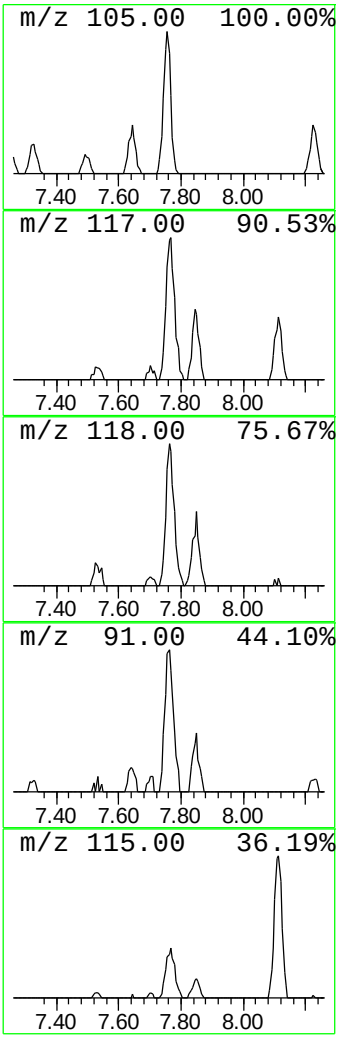
****

Peak Number 6 Benzene, 1-ethenyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	12.49 ng	75209	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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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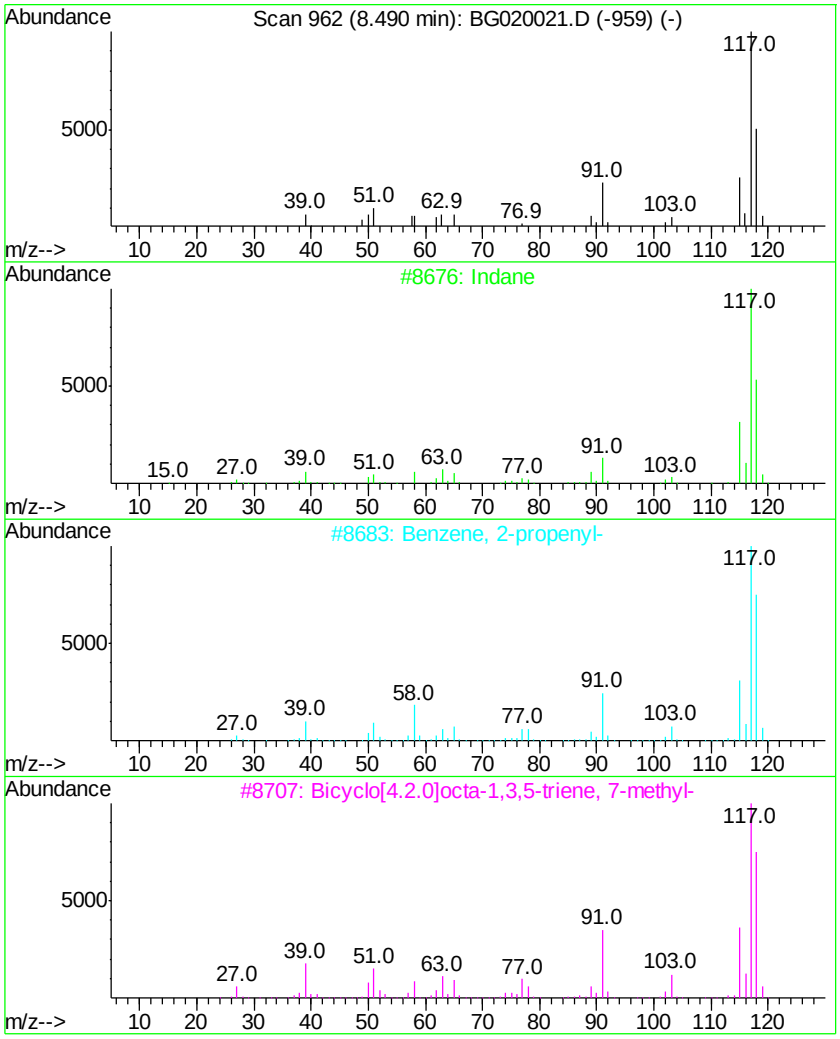
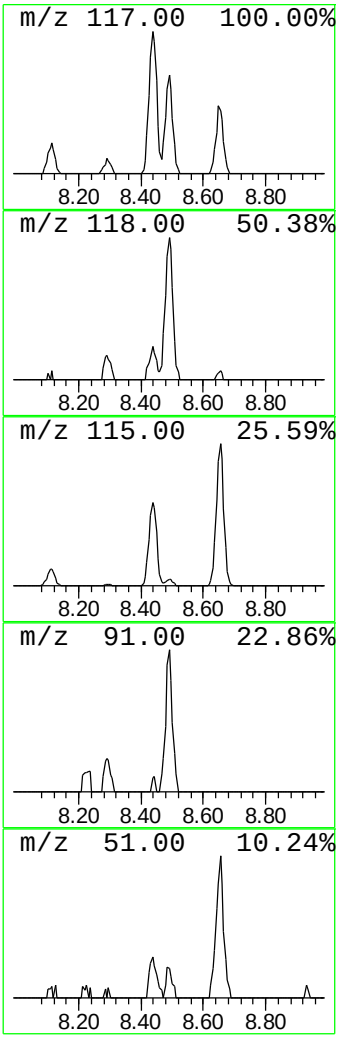
Peak Number 8 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.86 ng	35287	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

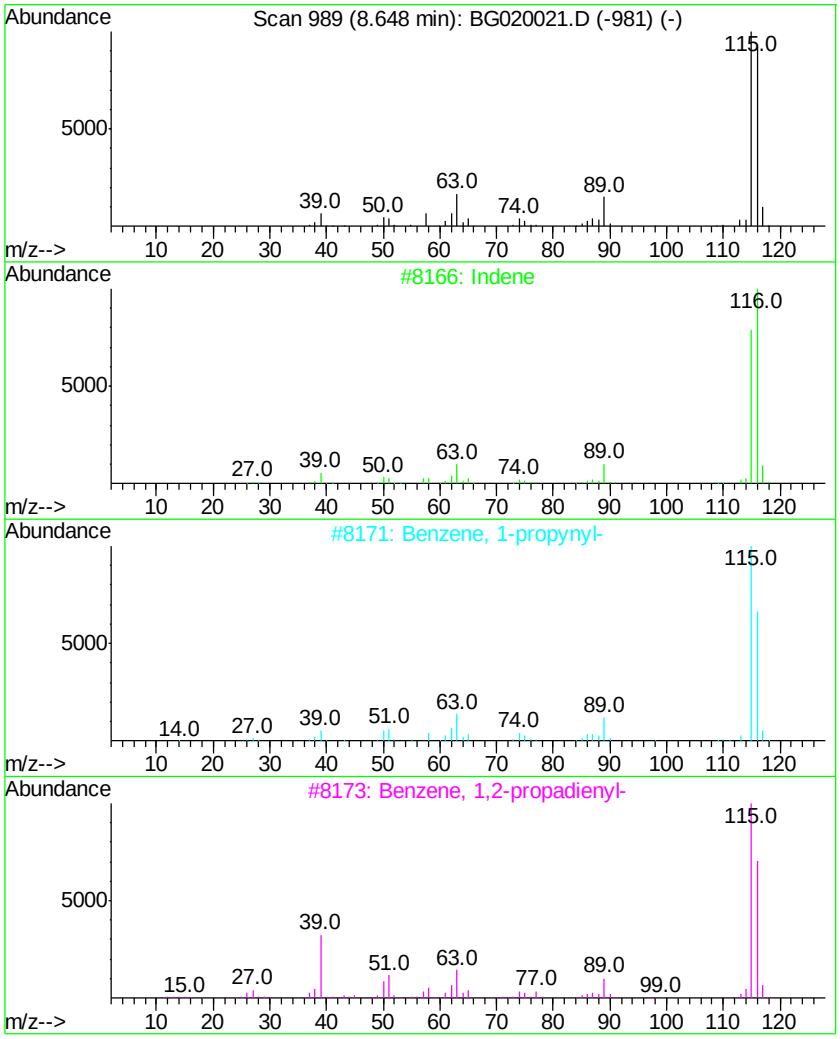
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

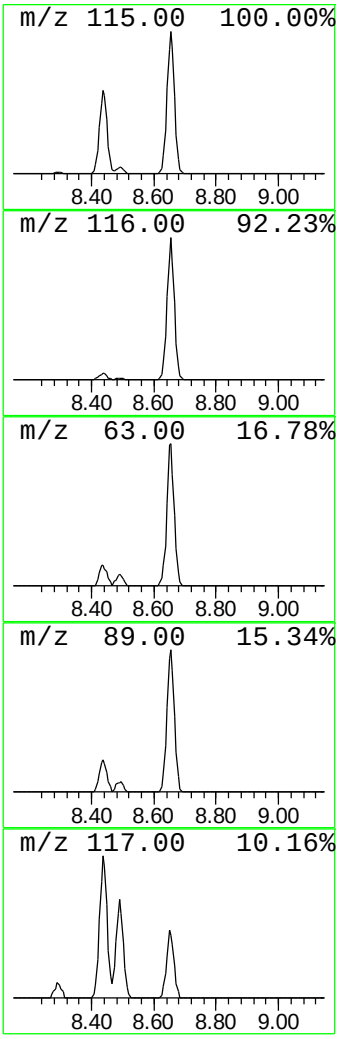
****

Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	50.31 ng	303006	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

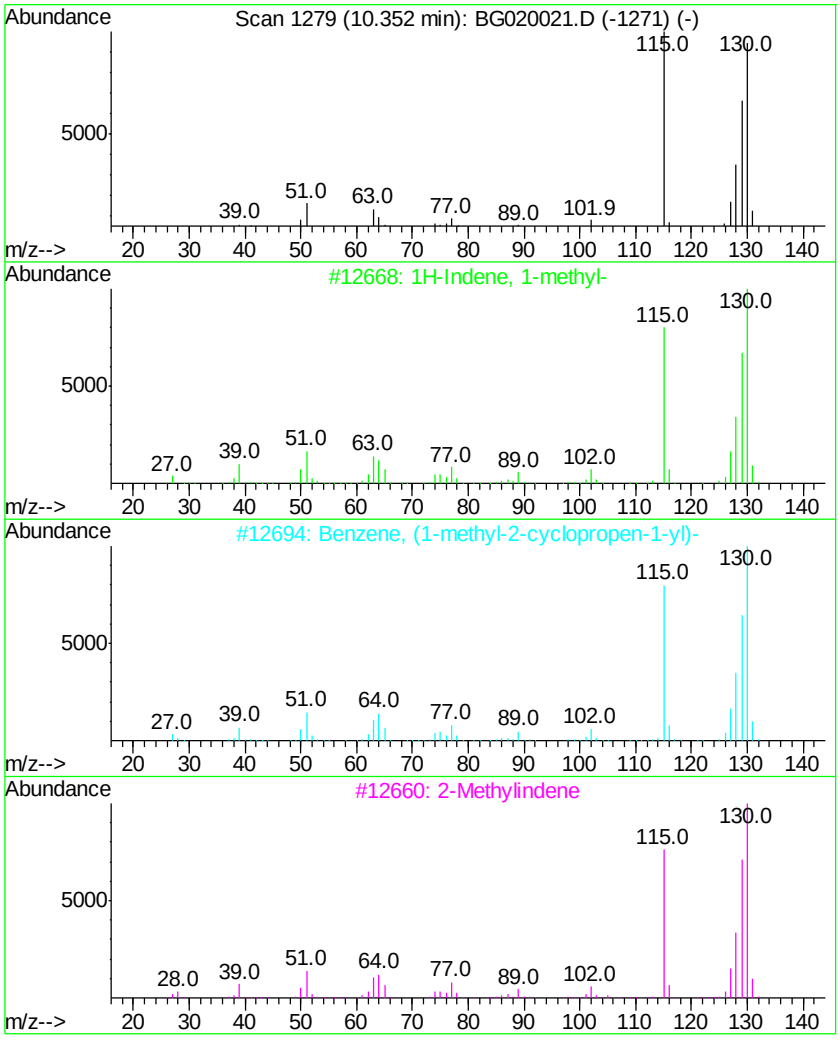
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

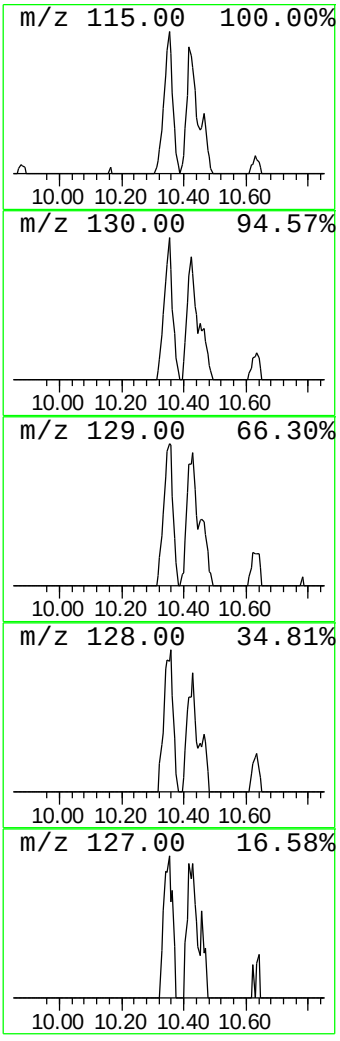
****

Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.98 ng	37677	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
3	2-Methylindene	130	C10H10	002177-47-1	91
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	87





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

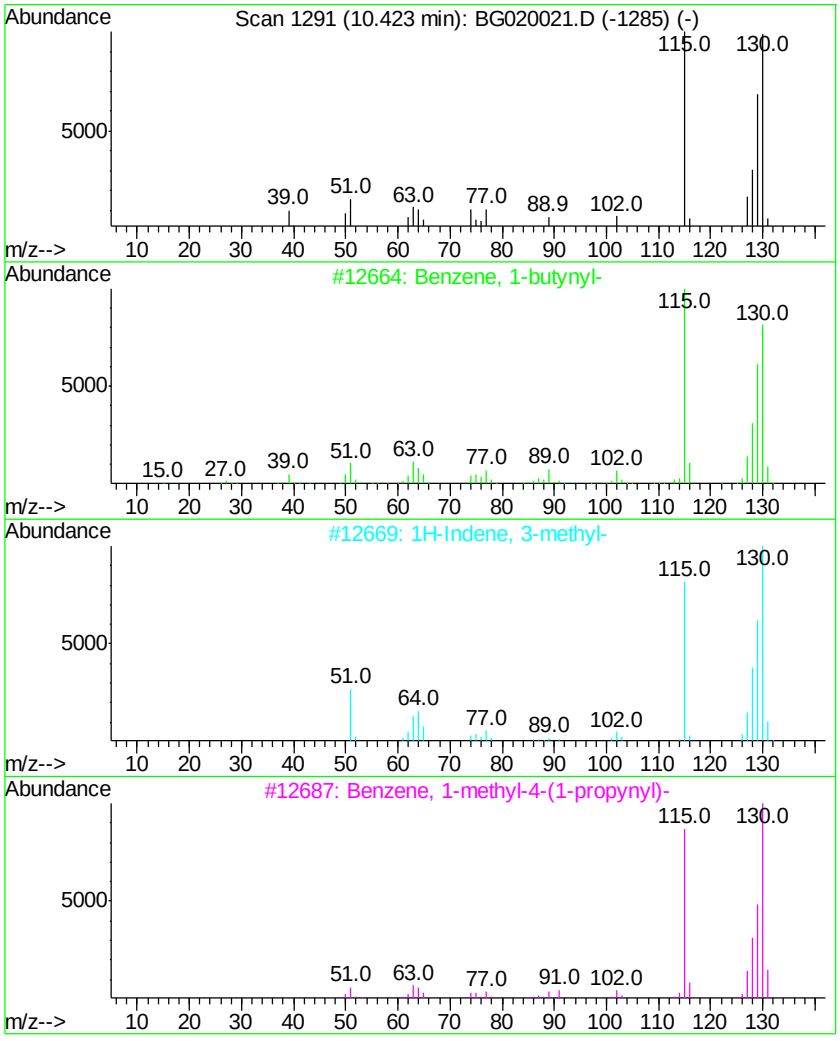
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

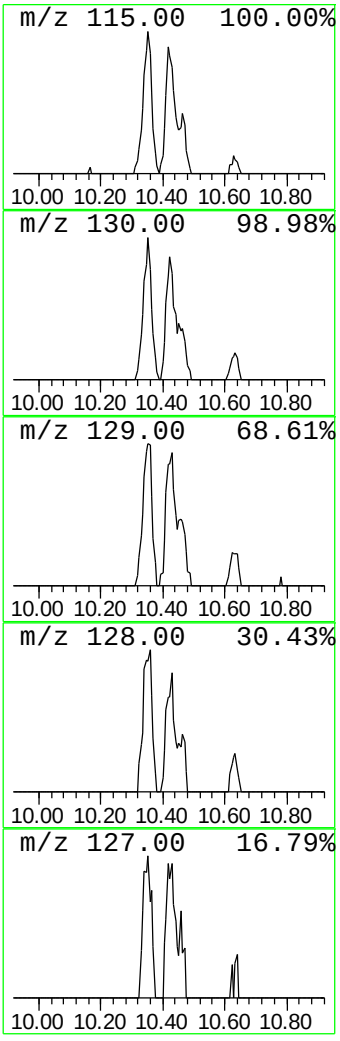
****

Peak Number 11 Benzene, 1-butynyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.09 ng	29300	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	83
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	83
3	Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	80
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	80
5	2-Methylindene	130	C10H10	002177-47-1	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
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Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

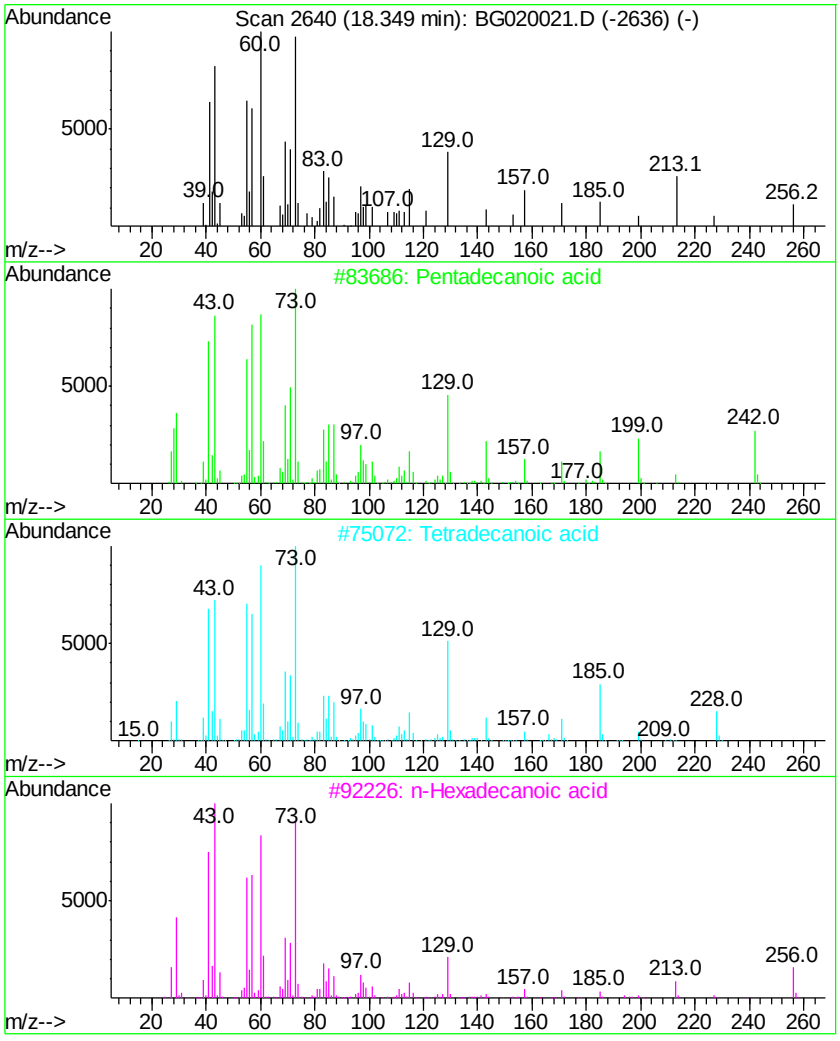
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

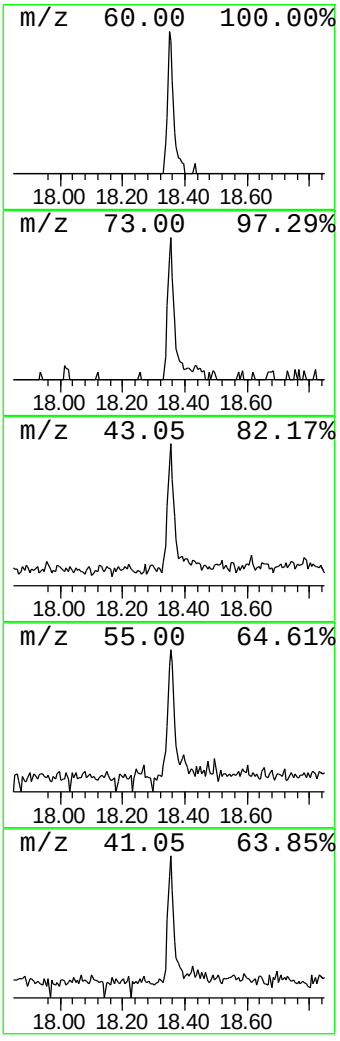
****

Peak Number 13 Pentadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.42 ng	42383	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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TIC Library : C:\DATABASE\NIST02.L
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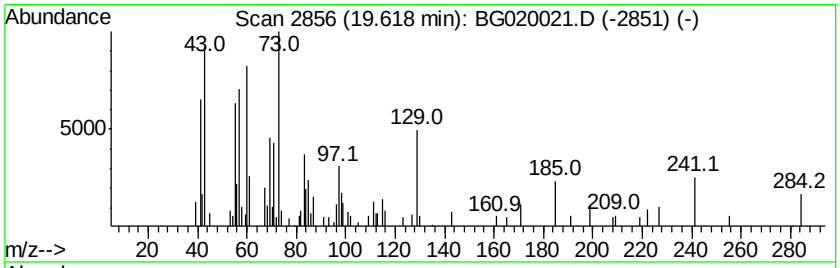
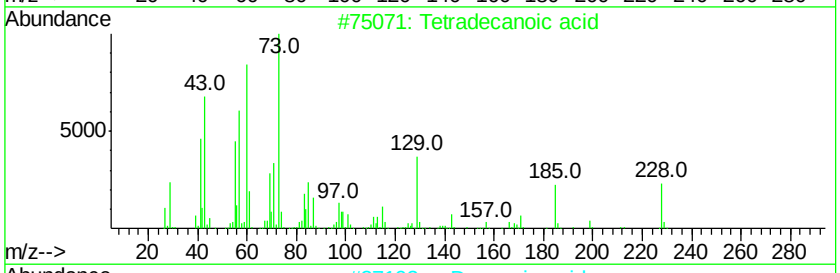
****

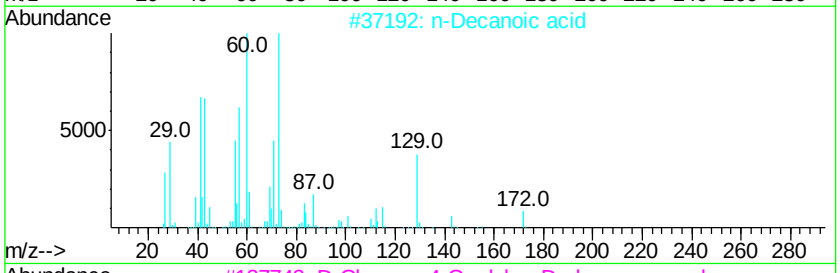
Peak Number 14 Tetradecanoic acid Concentration Rank 13

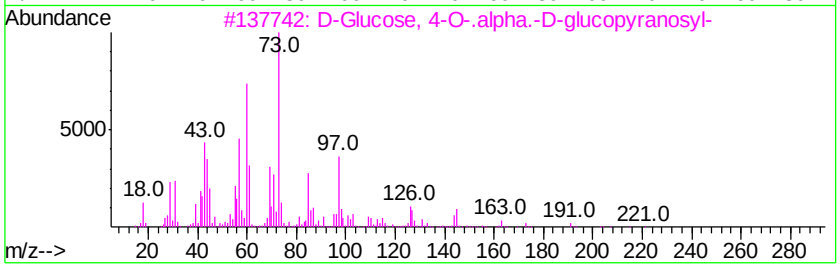
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.02 ng	52749	Phenanthrene-d10	17.48

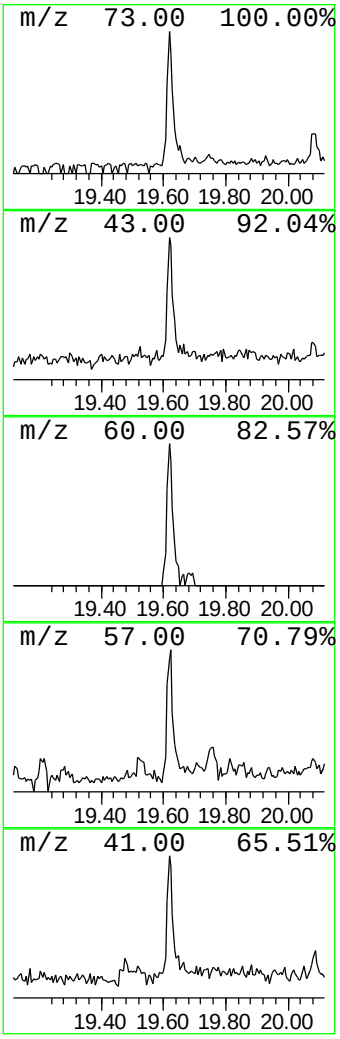
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
2	n-Decanoic acid	172	C10H20O2	000334-48-5	43
3	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	27
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	27
5	Dichloroacetic acid, 2-pentadecy...	338	C17H32Cl2O2	1000280-64-7	25











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020021.D
Acq On : 8 Dec 2015 17:01
Operator : UM/SJ
Sample : G4676-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-15

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	9.0	ng	54122	1	8.11	120457	20.0
Bicyclo[4.2.0]oct...	6.08	26.7	ng	161066	1	8.11	120457	20.0
unknown7.64	7.64	107.8	ng	649253	1	8.11	120457	20.0
Benzene, 1-etheny...	7.76	12.5	ng	75209	1	8.11	120457	20.0
Indane	8.49	5.9	ng	35287	1	8.11	120457	20.0
Indene	8.65	50.3	ng	303006	1	8.11	120457	20.0
1H-Indene, 1-methyl-	10.35	4.0	ng	37677	2	10.93	189371	20.0
Benzene, 1-butynyl-	10.42	3.1	ng	29300	2	10.93	189371	20.0
Pentadecanoic acid	18.35	2.4	ng	42383	4	17.48	349866	20.0
Tetradecanoic acid	19.62	3.0	ng	52749	4	17.48	349866	20.0