LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003733.D
Acq On : 23 Dec 2015 06:19
Operator : UM/SJ
Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-03

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_M\METHODS\8270-BM120915.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	4.810	284	293	300	rBV	174380	240701	12.77%	1.751%
2	5.281	367	373	380	rBV	634336	915699	48.59%	6.662%
3	6.869	636	643	652	rBV	558319	854940	45.37%	6.220%
4	7.228	697	704	714	rBV	677323	1074575	57.02%	7.818%
5	7.692	777	783	789	rBB	131318	200962	10.66%	1.462%
6	8.010	830	837	843	rBV	558293	878197	46.60%	6.390%
7	8.063	843	846	851	rVB	14011	19088	1.01%	0.139%
8	8.222	868	873	879	rBB	18927	28903	1.53%	0.210%
9	8.851	973	980	991	rBB	385910	635032	33.70%	4.620%
10	10.480	1250	1257	1260	rBV	169375	272231	14.45%	1.981%
11	10.528	1260	1265	1279	rVB	870386	1473118	78.17%	10.718%
12	10.651	1280	1286	1292	rBB	48114	76137	4.04%	0.554%
13	12.151	1535	1541	1548	rBB	135992	212870	11.30%	1.549%
14	12.369	1570	1578	1585	rBB	73182	110957	5.89%	0.807%
15	12.957	1672	1678	1688	rBB	1041281	1512576	80.27%	11.005%
16	13.169	1709	1714	1720	rBB	27981	38798	2.06%	0.282%
17	14.345	1907	1914	1920	rBV2	218563	327798	17.40%	2.385%
18	14.410	1920	1925	1931	rVB	158397	232504	12.34%	1.692%
19	14.745	1976	1982	1990	rBB	83653	117866	6.25%	0.858%
20	15.392	2087	2092	2098	rBB	98693	135369	7.18%	0.985%
21	15.839	2162	2168	2178	rVB	646889	922604	48.96%	6.713%
22	17.092	2375	2381	2385	rBV	268063	379773	20.15%	2.763%
23	17.133	2385	2388	2394	rVB	165965	209708	11.13%	1.526%
24	19.156	2728	2732	2739	rBV	14959	19091	1.01%	0.139%
25	19.421	2771	2777	2781	rBV	17005	18930	1.00%	0.138%
26	19.727	2824	2829	2834	rBV	1544783	1884420	100.00%	13.711%
27	21.292	3089	3095	3101	rBV	380111	462792	24.56%	3.367%
28	23.533	3469	3476	3489	rVB	273080	488685	25.93%	3.556%

Sum of corrected areas: 13744324

LSC Report - Integrated Chromatogram

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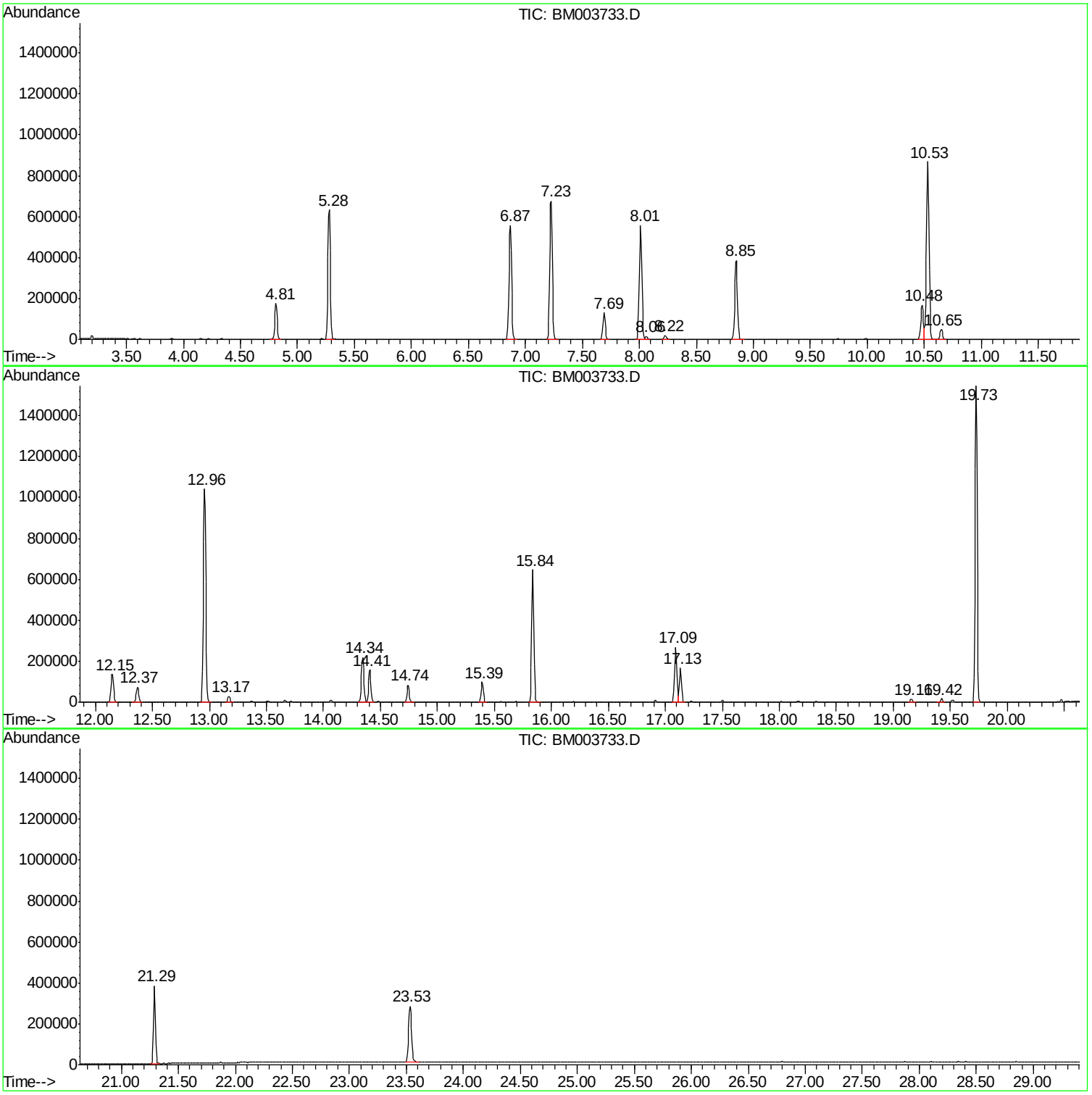
Operator : UM/SJ
Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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 M\DATA\BM122315\
Data File : BM003733.D
Acq On : 23 Dec 2015 06:19
Operator : UM/SJ
Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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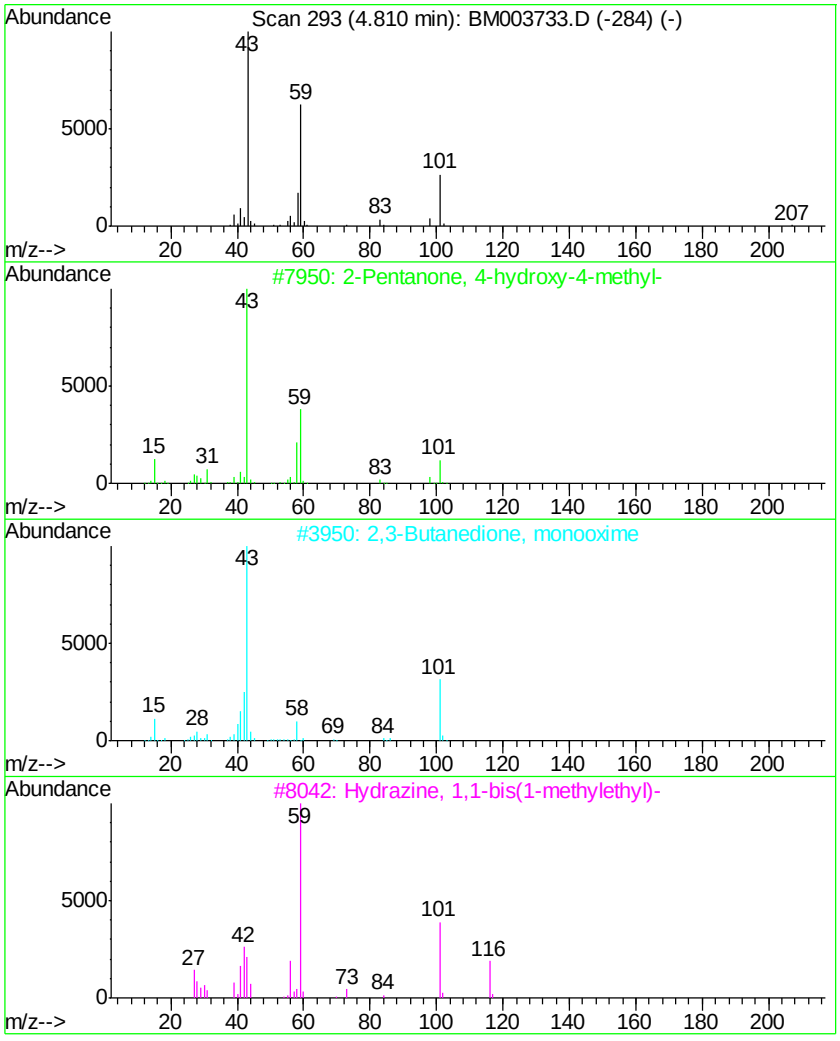
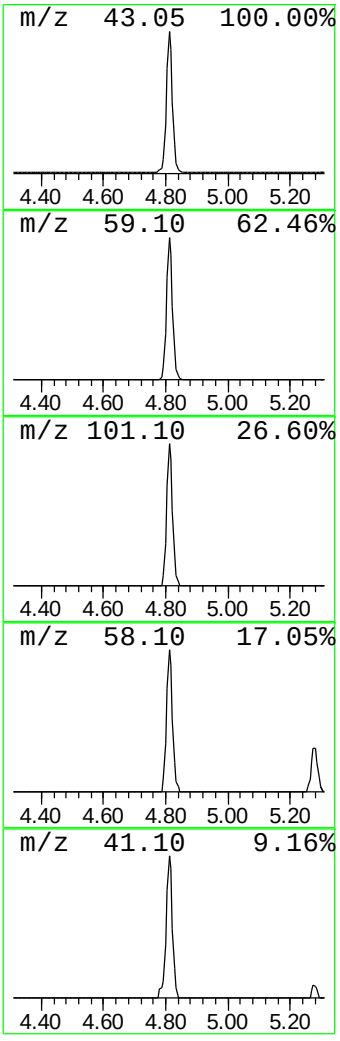
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	23.95 ng	240701	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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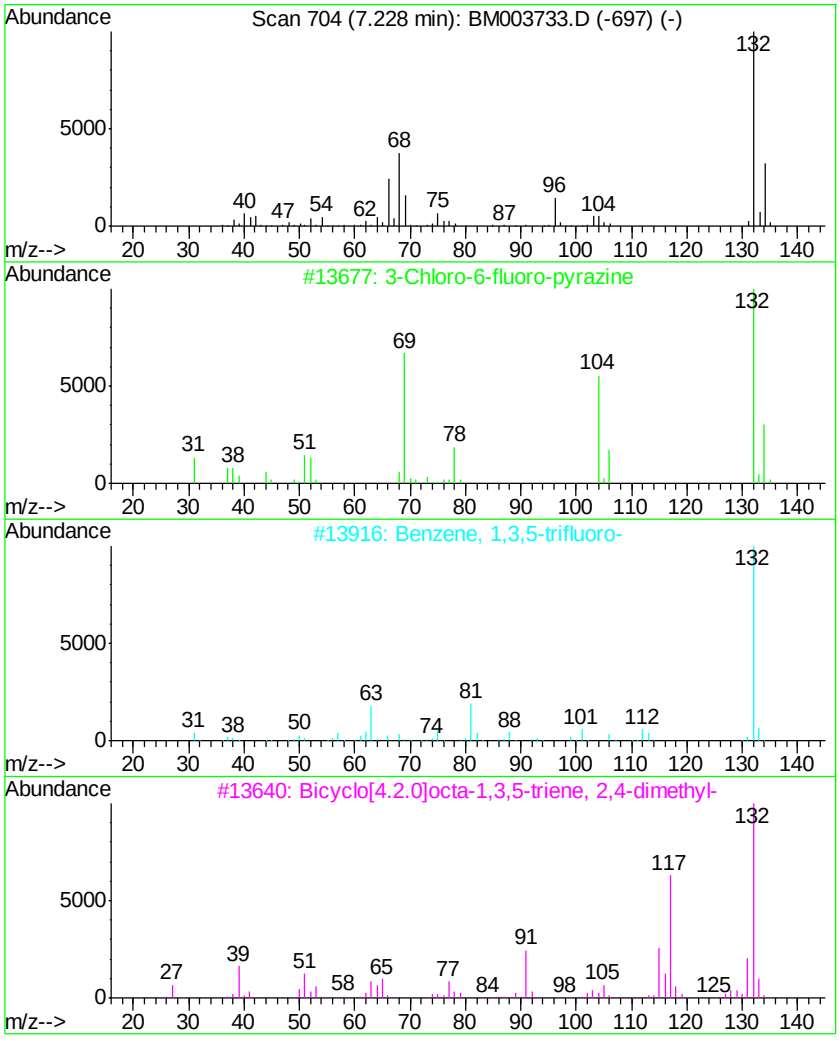
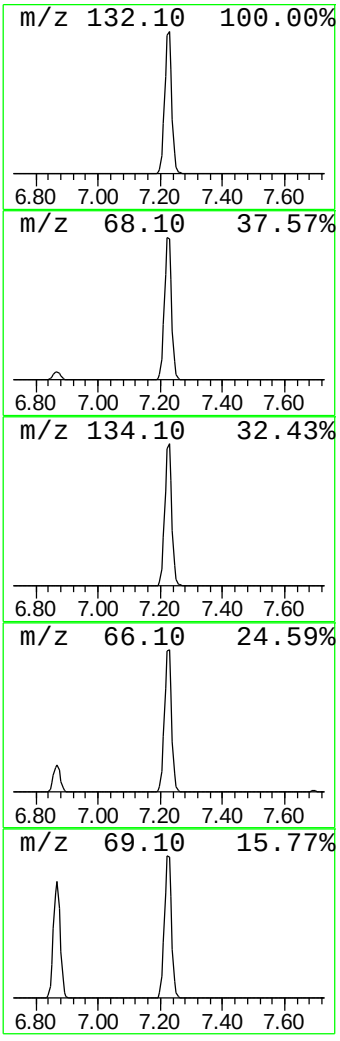
Peak Number 2 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	106.94 ng	1074580	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : UM/SJ
Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
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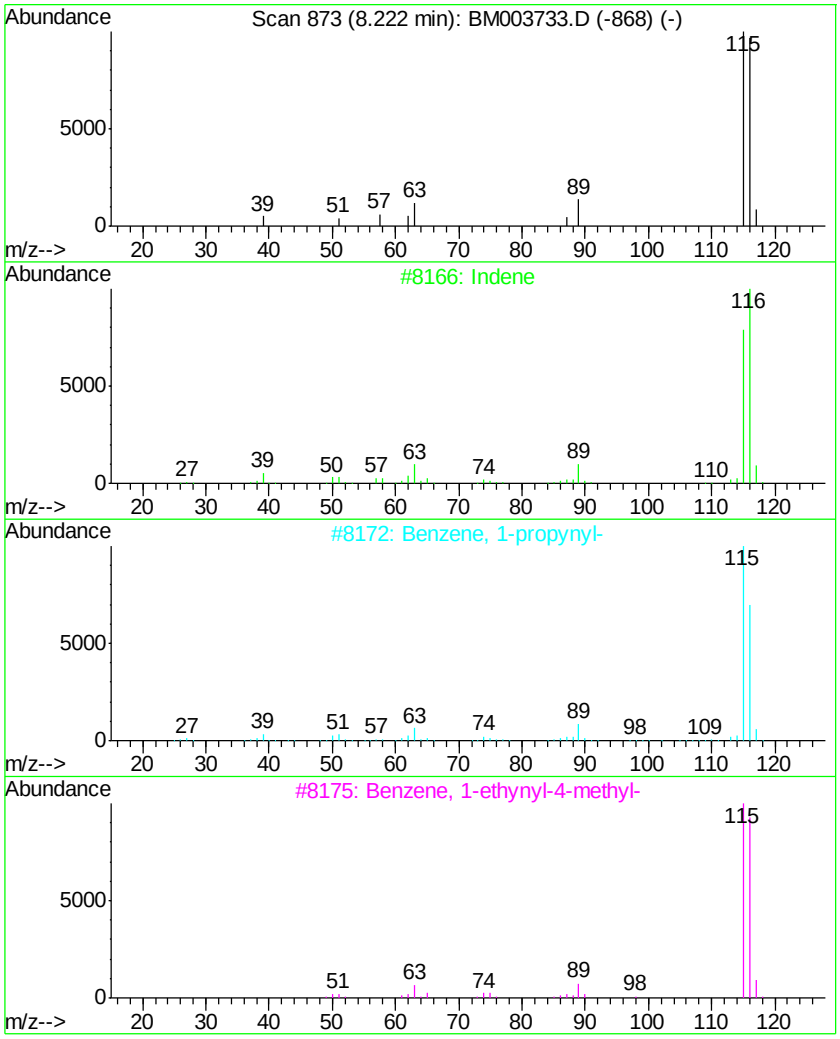
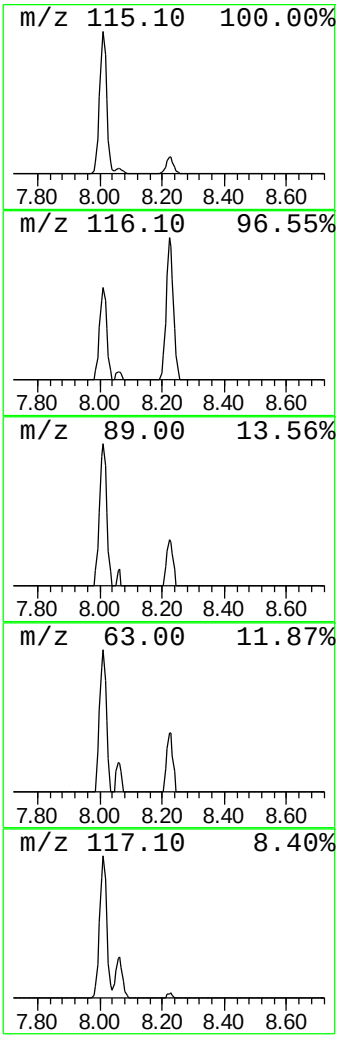
Peak Number 4 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.88 ng	28903	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	83
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
5	Tetracyclo[2.2.1.0(2,6).0(3,5)]h...	116	C9H8	081787-74-8	28





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Operator : UM/SJ
Sample : G4869-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
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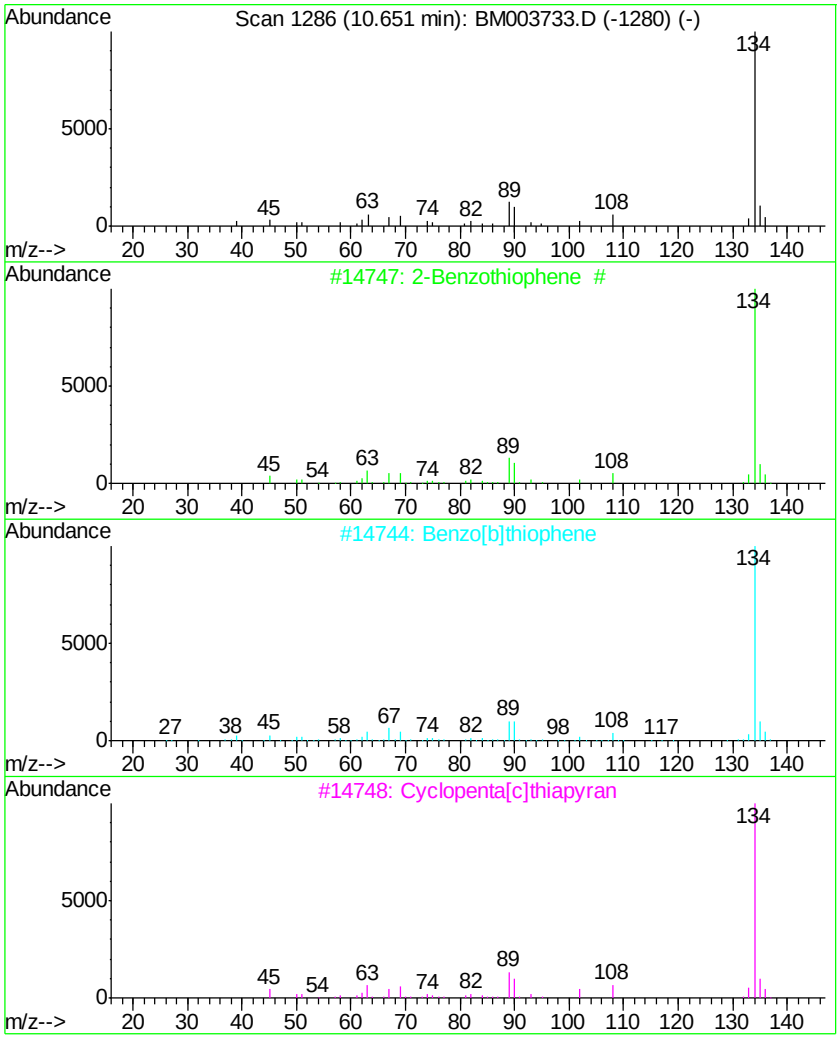
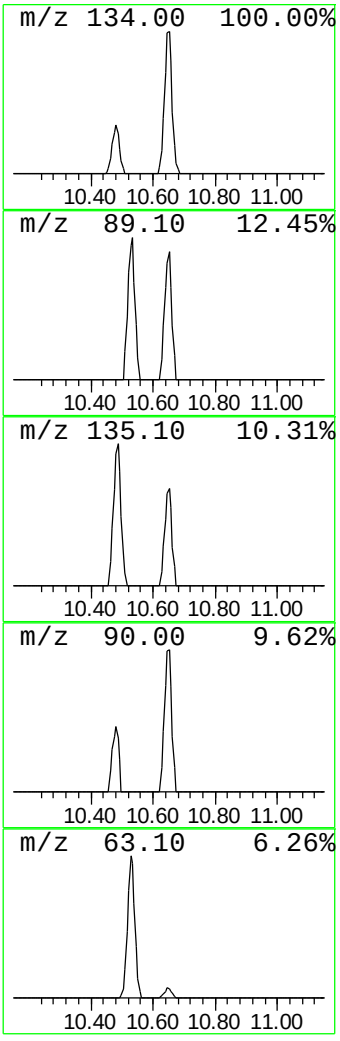
Peak Number 5 2-Benzothiophene # Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	5.59 ng	76137	Naphthalene-d8	10.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	87
5	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64





Tentatively Identified Compound (LSC) summary

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Sample : G4869-13
Misc :
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ClientSampleId : LTCWC-03

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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...		4.81	23.9	ng	240701	1	7.69	200962	20.0
unknown7.23		7.23	106.9	ng	1074580	1	7.69	200962	20.0
Indene		8.22	2.9	ng	28903	1	7.69	200962	20.0
2-Benzothiophene	#	10.65	5.6	ng	76137	2	10.48	272231	20.0