LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003729.D
Acq On : 23 Dec 2015 03:55
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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	3.610	85	89	96	rVB	47553	58104	3.03%	0.453%
2	4.216	186	192	202	rVB	276998	353812	18.44%	2.757%
3	4.810	285	293	303	rBV	80501	114509	5.97%	0.892%
4	5.281	366	373	386	rVB	669648	953367	49.69%	7.428%
5	6.869	633	643	660	rBB	570768	867095	45.19%	6.756%
6	7.228	697	704	713	rBV	706310	1121087	58.43%	8.735%
7	7.693	777	783	789	rBB	133289	202926	10.58%	1.581%
8	8.010	830	837	844	rBV	589077	920282	47.96%	7.170%
9	8.228	869	874	879	rBV	14973	23608	1.23%	0.184%
10	8.851	973	980	989	rBV	401458	660889	34.45%	5.149%
11	10.481	1250	1257	1261	rBV	167945	286997	14.96%	2.236%
12	10.528	1261	1265	1277	rVB	471900	773911	40.34%	6.030%
13	12.151	1535	1541	1547	rBB	89252	136692	7.12%	1.065%
14	12.369	1570	1578	1584	rBB	49903	76388	3.98%	0.595%
15	12.957	1672	1678	1689	rBB	1048974	1548913	80.73%	12.068%
16	13.175	1710	1715	1720	rBB	19952	27663	1.44%	0.216%
17	14.345	1907	1914	1920	rBV2	212798	313639	16.35%	2.444%
18	14.410	1920	1925	1931	rVB	127842	182002	9.49%	1.418%
19	14.745	1977	1982	1991	rBB	61567	86899	4.53%	0.677%
20	15.398	2088	2093	2098	rBB	59553	82984	4.33%	0.647%
21	15.839	2162	2168	2179	rBB	685151	931630	48.56%	7.259%
22	17.092	2375	2381	2385	rBV	264807	364804	19.01%	2.842%
23	17.133	2385	2388	2394	rVB	79089	100632	5.24%	0.784%
24	19.727	2824	2829	2835	rBV2	1515718	1918664	100.00%	14.949%
25	21.292	3089	3095	3101	rBV	353345	435311	22.69%	3.392%
26	23.533	3469	3476	3487	rBV4	134571	291910	15.21%	2.274%

Sum of corrected areas: 12834718

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
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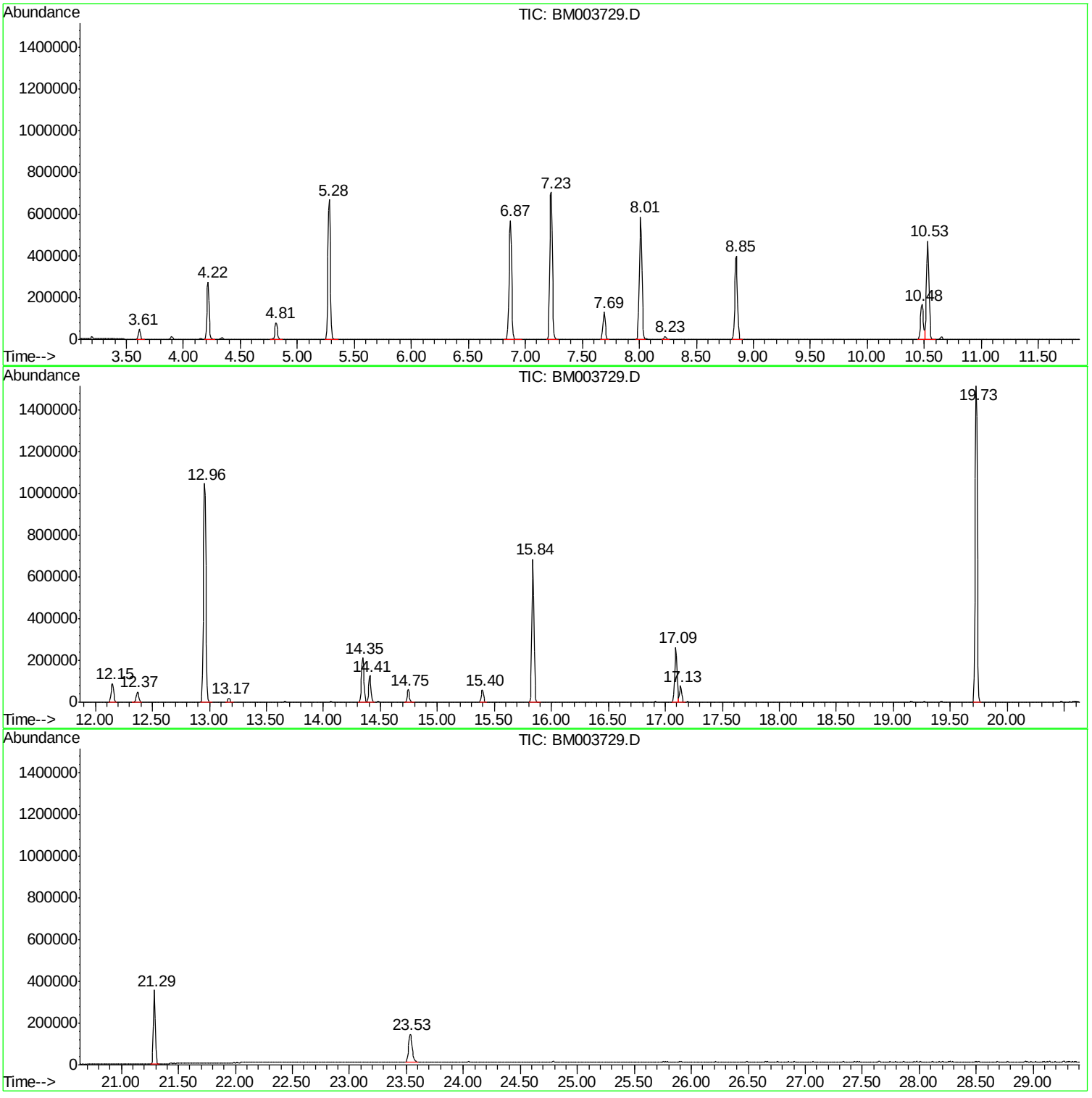
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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 : BM003729.D
Acq On : 23 Dec 2015 03:55
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

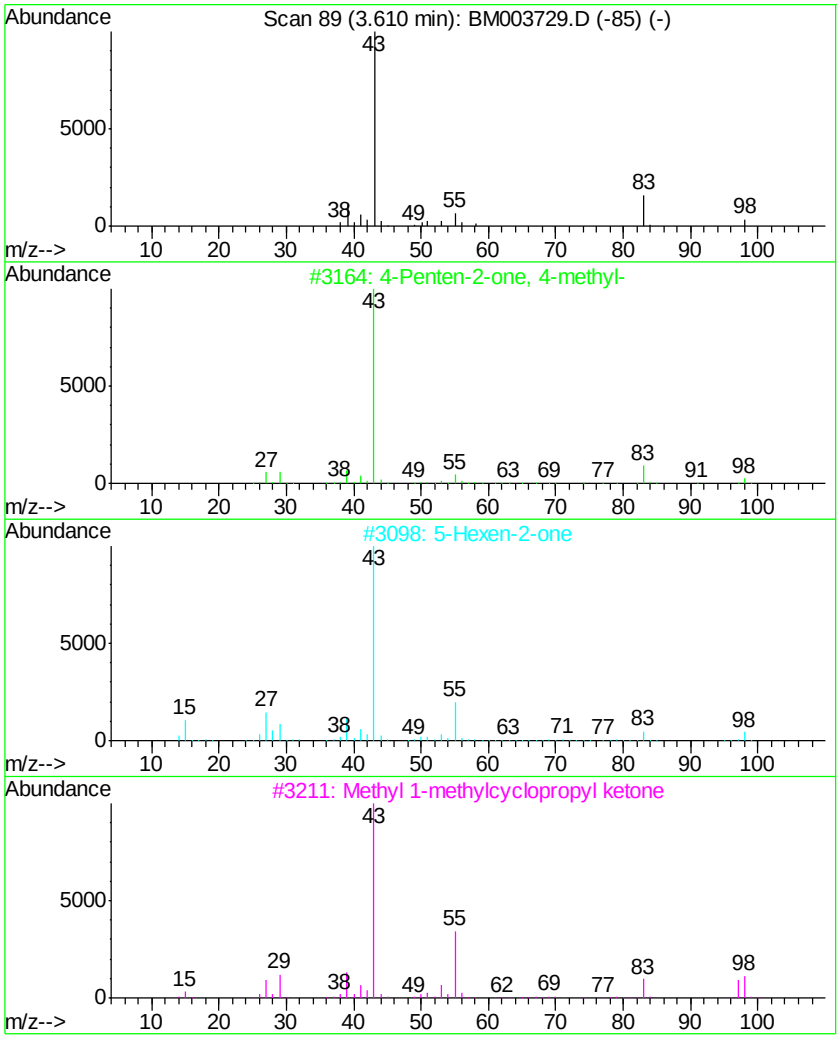
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

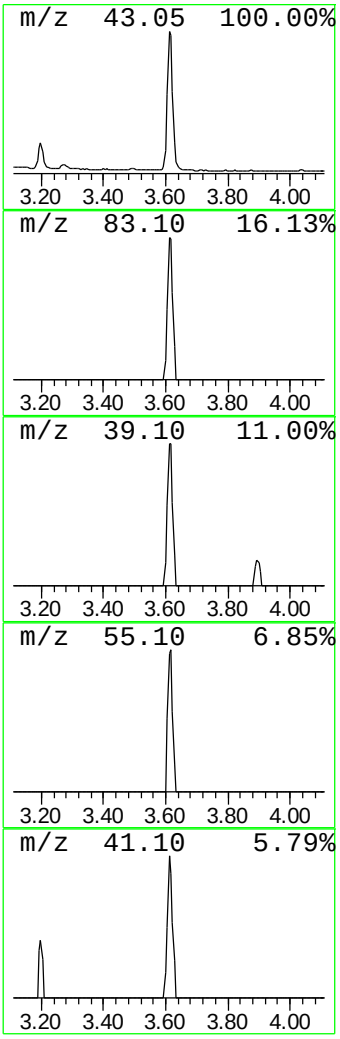
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	5.73 ng	58104	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	78
2	5-Hexen-2-one	98	C6H10O	000109-49-9	58
3	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	50
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	23
5	4-Hexen-2-one	98	C6H10O	025659-22-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003729.D
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Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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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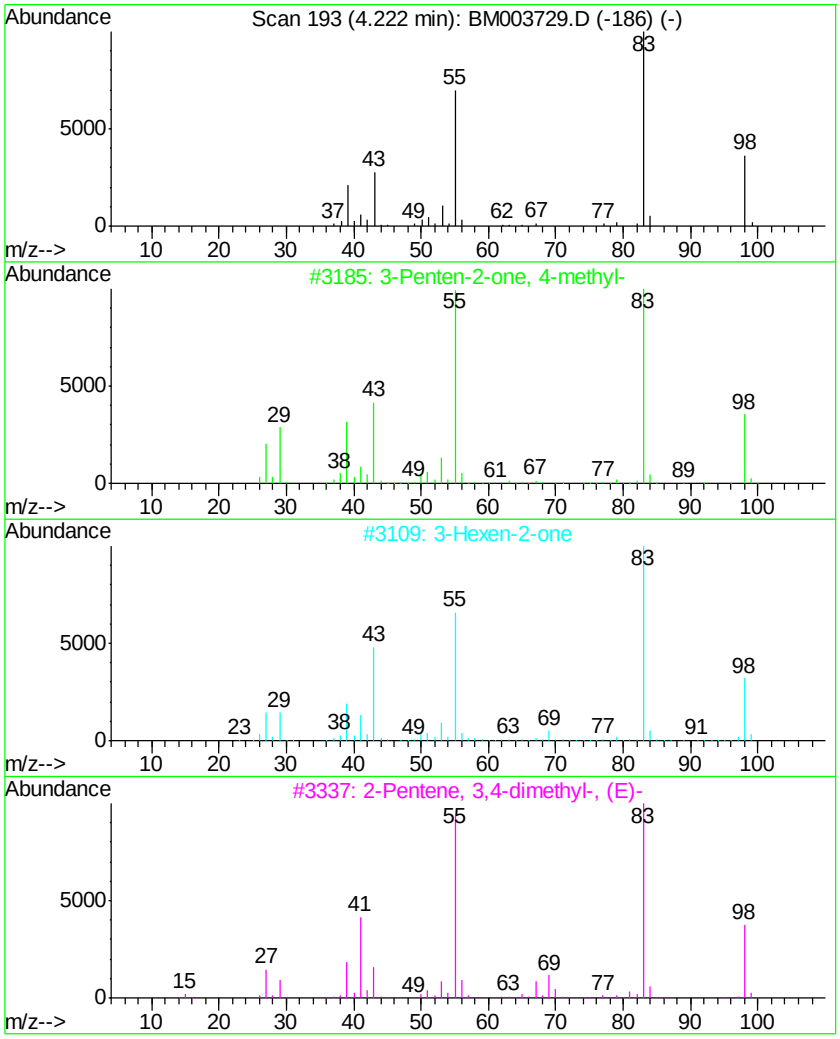
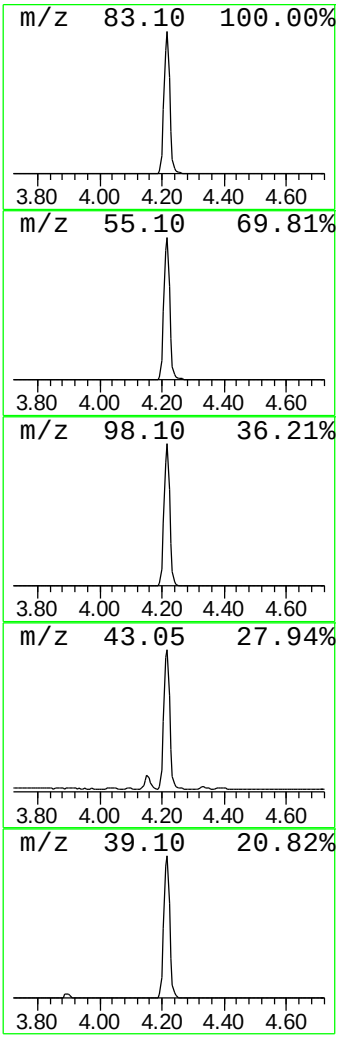
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	34.87 ng	353812	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80
5	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003729.D
Acq On : 23 Dec 2015 03:55
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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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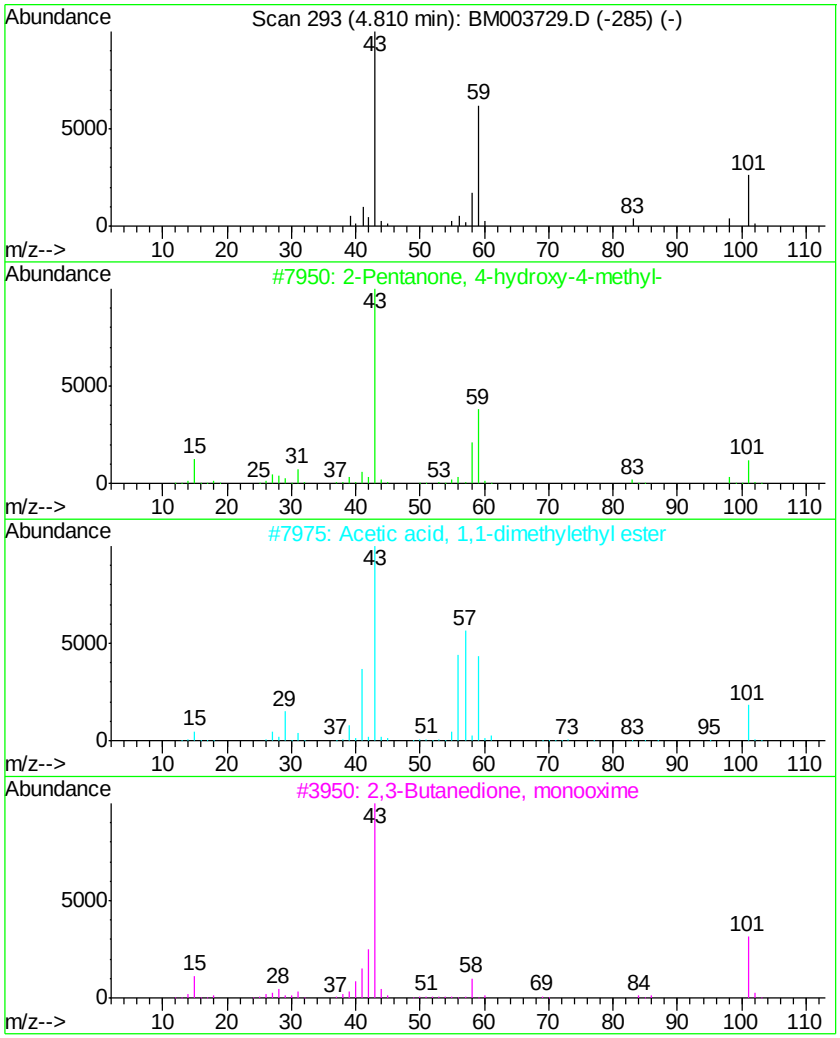
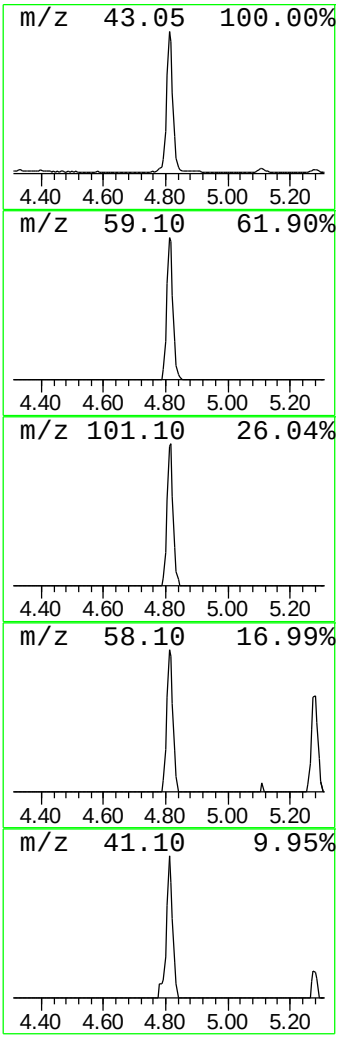
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	11.29 ng	114509	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
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Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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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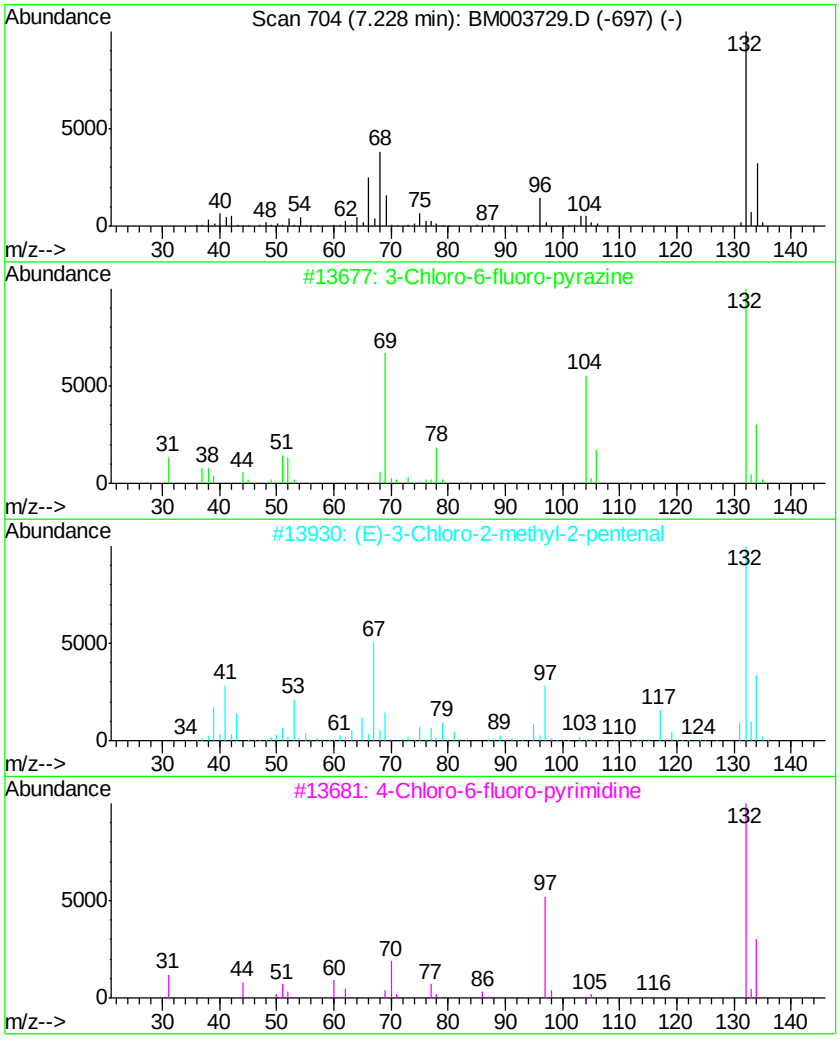
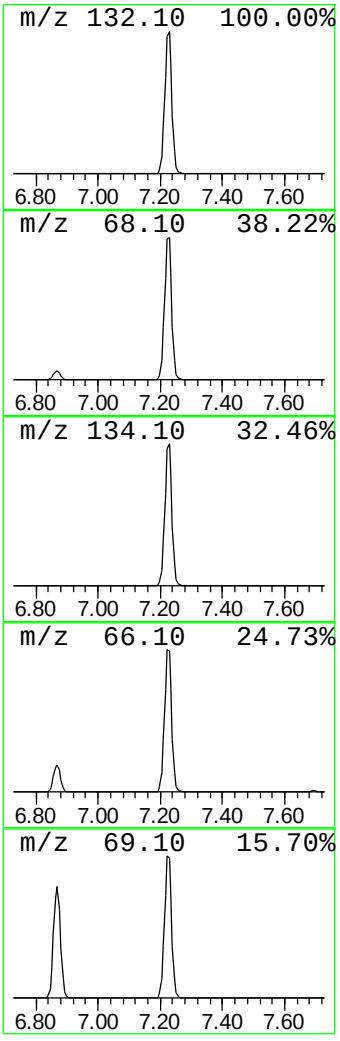
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	110.49 ng	1121090	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

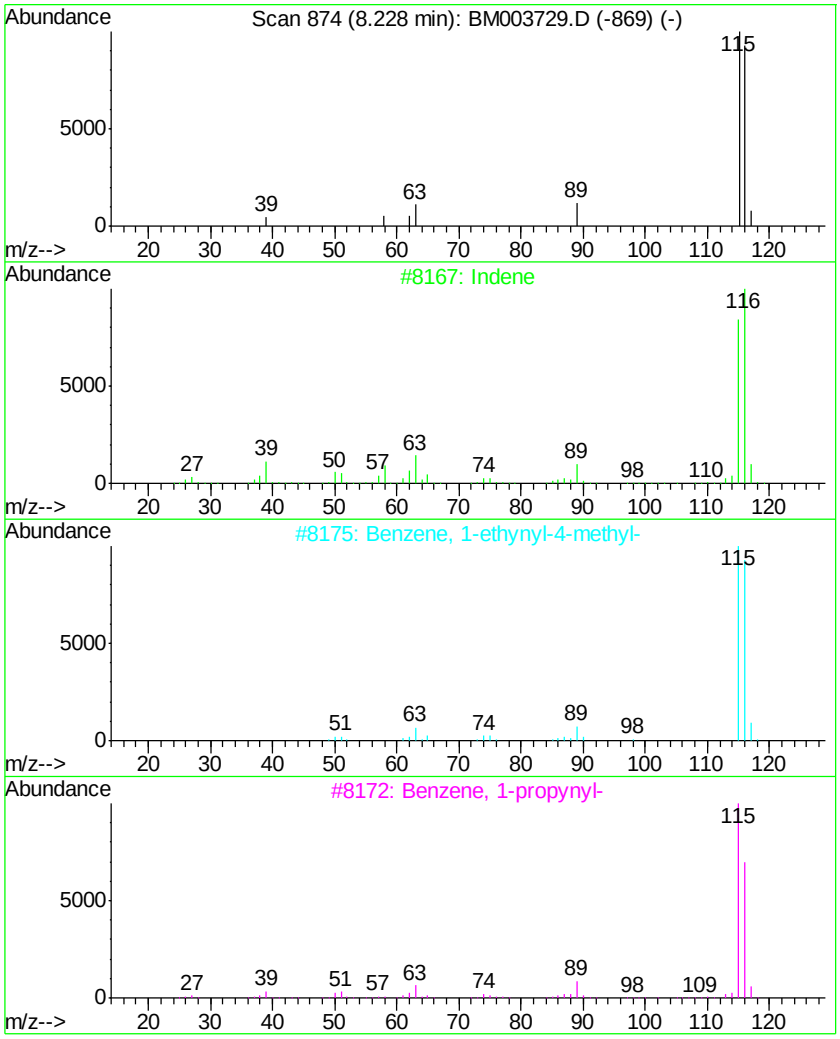
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

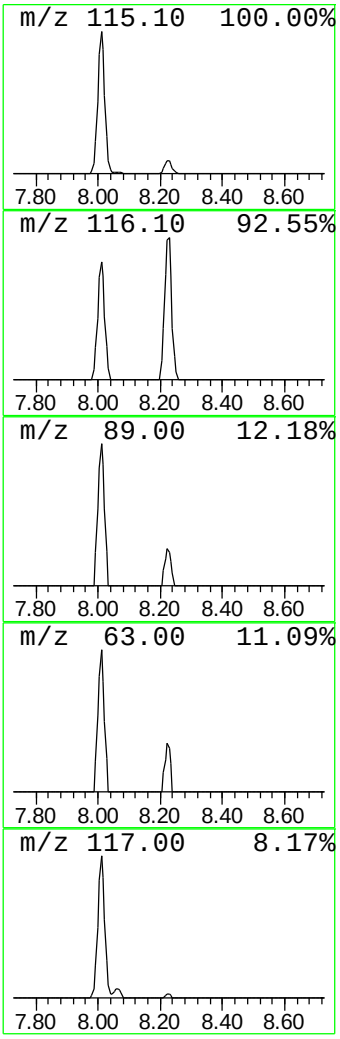
****

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.33 ng	23608	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-ethynyl-4-methyl-	116	C9H8	000766-97-2	83
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	83
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
Data File : BM003729.D
Acq On : 23 Dec 2015 03:55
Operator : UM/SJ
Sample : G4869-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01

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
4-Penten-2-one, 4...	3.61	5.7	ng	58104	1	7.69	202926	20.0
3-Penten-2-one, 4...	4.22	34.9	ng	353812	1	7.69	202926	20.0
2-Pentanone, 4-hy...	4.81	11.3	ng	114509	1	7.69	202926	20.0
unknown7.23	7.23	110.5	ng	1121090	1	7.69	202926	20.0
Indene	8.23	2.3	ng	23608	1	7.69	202926	20.0