LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024533.D
Acq On : 27 Oct 2016 22:47
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

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-BG102516.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	5.340	420	426	433	rBV	243637	410891	3.95%	0.861%
2	5.799	498	504	512	rVB	640315	1108827	10.66%	2.324%
3	7.403	769	777	787	rBV	461341	808023	7.77%	1.694%
4	7.796	833	844	852	rBV	1192937	2080511	20.00%	4.361%
5	8.272	917	925	933	rVB2	460323	787138	7.57%	1.650%
6	8.601	973	981	985	rBV	2005273	3767902	36.22%	7.898%
7	8.648	985	989	999	rVB	2407564	4035721	38.80%	8.460%
8	9.447	1117	1125	1134	rBV	1871705	3449701	33.16%	7.231%
9	10.334	1269	1276	1283	rVB2	93073	174607	1.68%	0.366%
10	10.481	1292	1301	1312	rBV2	203623	382099	3.67%	0.801%
11	11.098	1394	1406	1419	rBV	563308	1095974	10.54%	2.297%
12	12.467	1631	1639	1646	rVB3	80419	156861	1.51%	0.329%
13	13.513	1808	1817	1825	rBV	4325986	6938676	66.70%	14.545%
14	14.888	2044	2051	2058	rVB	909863	1443802	13.88%	3.027%
15	16.369	2296	2303	2311	rBV	2027417	3200420	30.77%	6.709%
16	16.545	2329	2333	2341	rBV6	53294	132643	1.28%	0.278%
17	16.897	2390	2393	2398	rVB4	77907	105028	1.01%	0.220%
18	17.632	2511	2518	2527	rBV	1207127	1896443	18.23%	3.975%
19	20.211	2951	2957	2964	rBV	7651349	10402545	100.00%	21.806%
20	21.927	3241	3249	3255	rBV	1501104	2650939	25.48%	5.557%
21	25.358	3823	3833	3845	rVB	859963	2676138	25.73%	5.610%

Sum of corrected areas: 47704889

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
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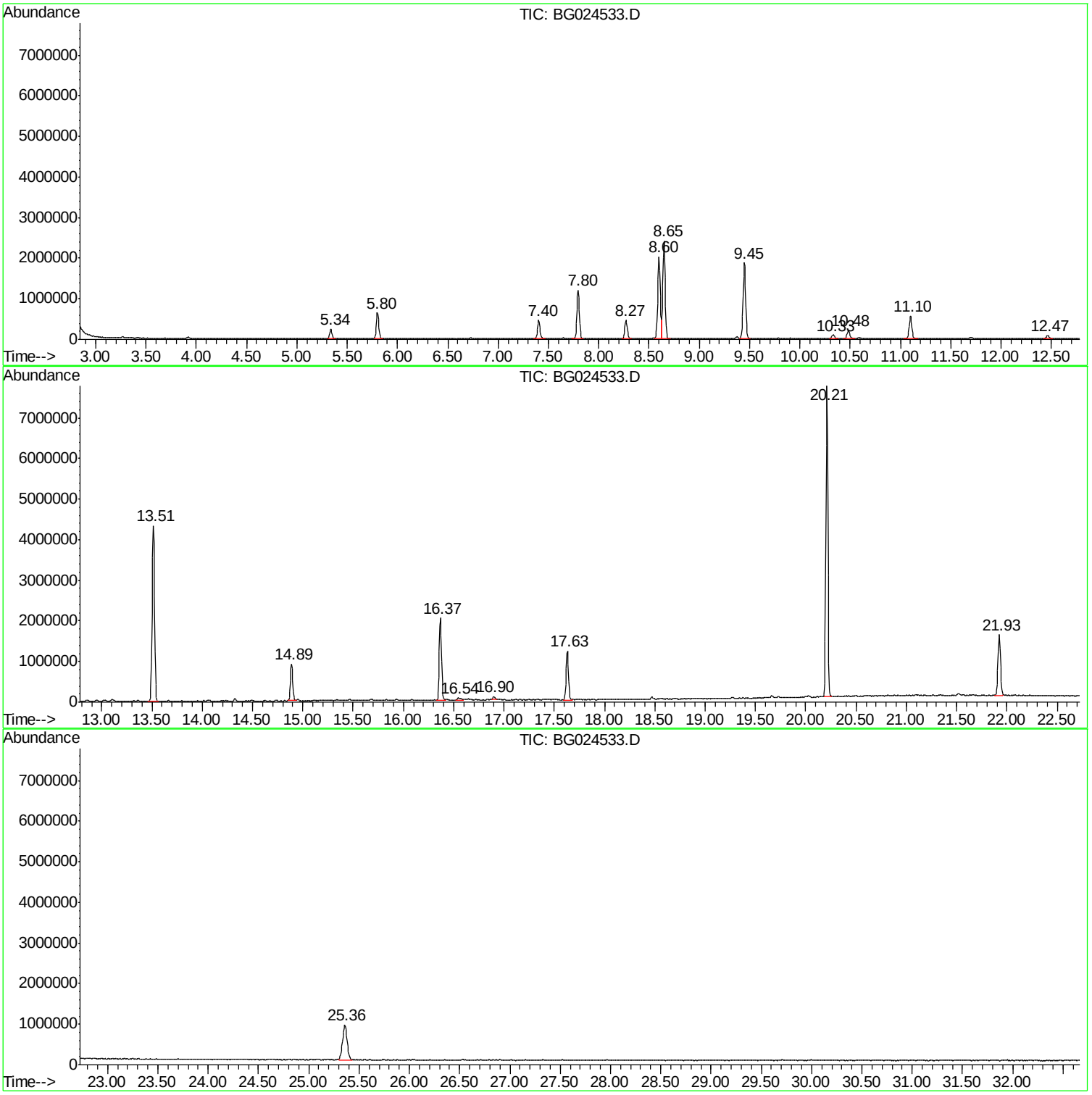
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024533.D
Acq On : 27 Oct 2016 22:47
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

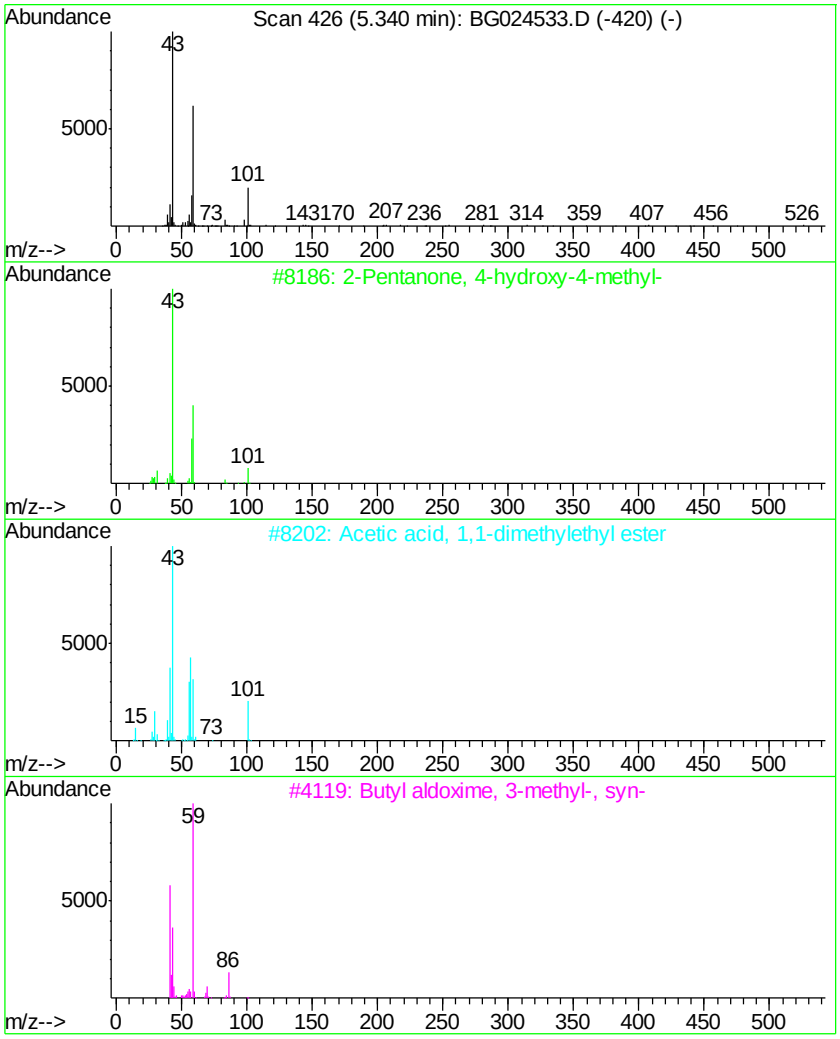
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

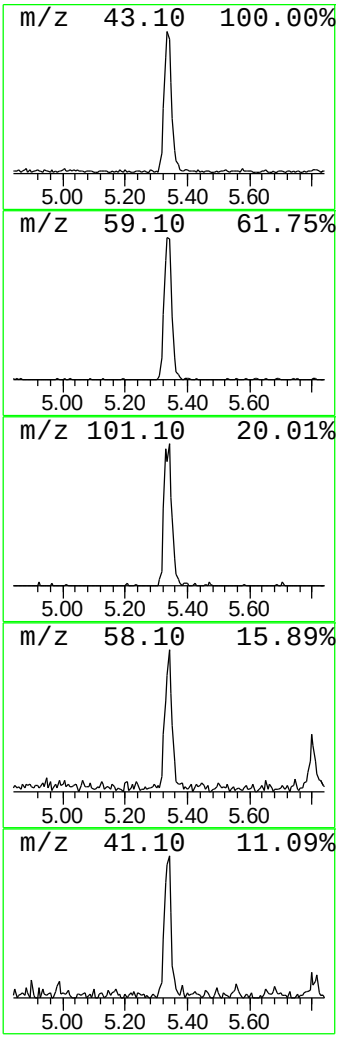
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	10.44 ng	410891	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024533.D
Acq On : 27 Oct 2016 22:47
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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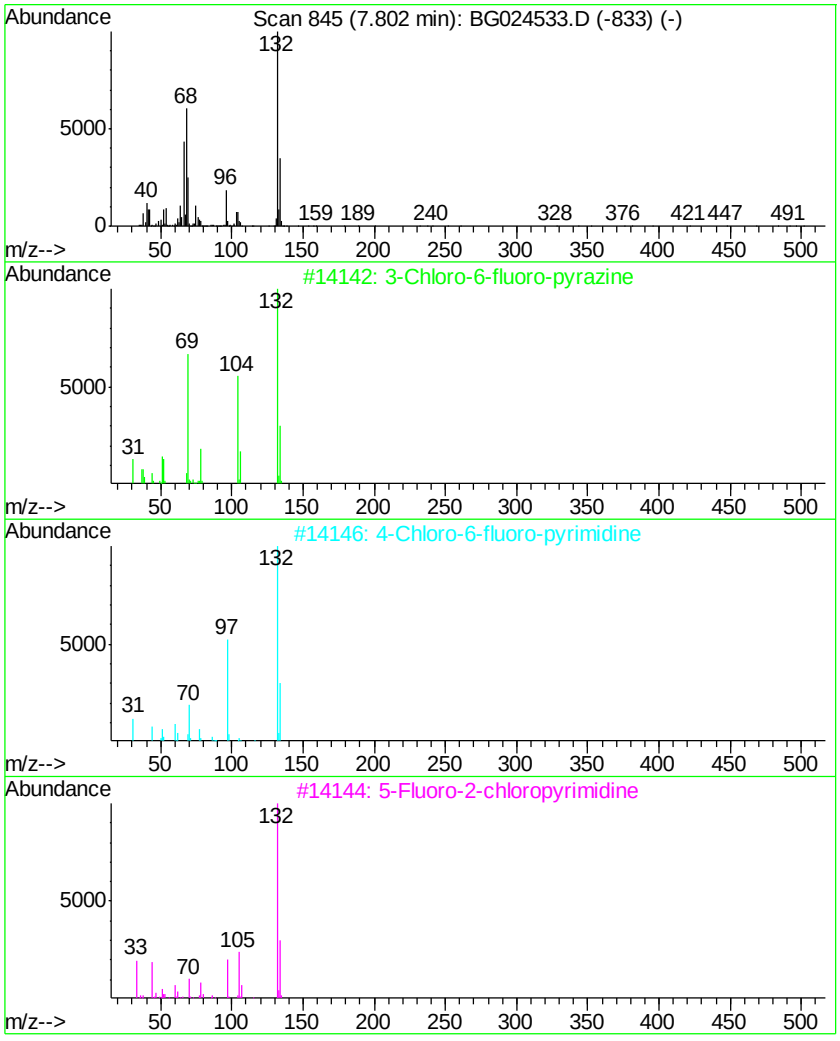
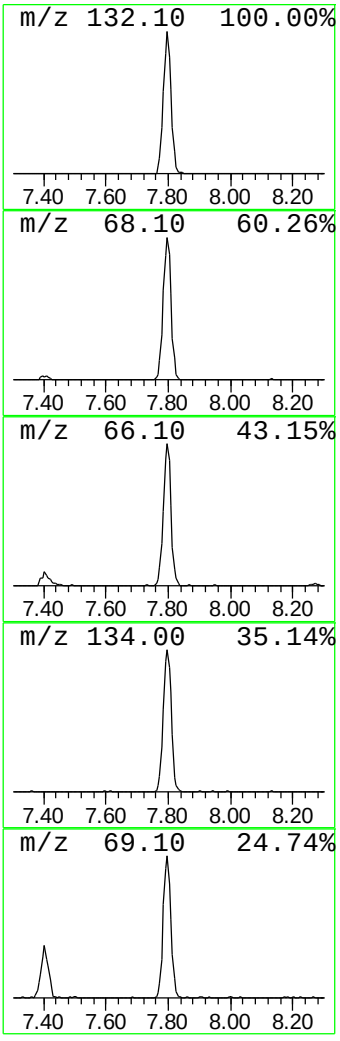
Peak Number 2 unknown7.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	52.86 ng	2080510	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024533.D
Acq On : 27 Oct 2016 22:47
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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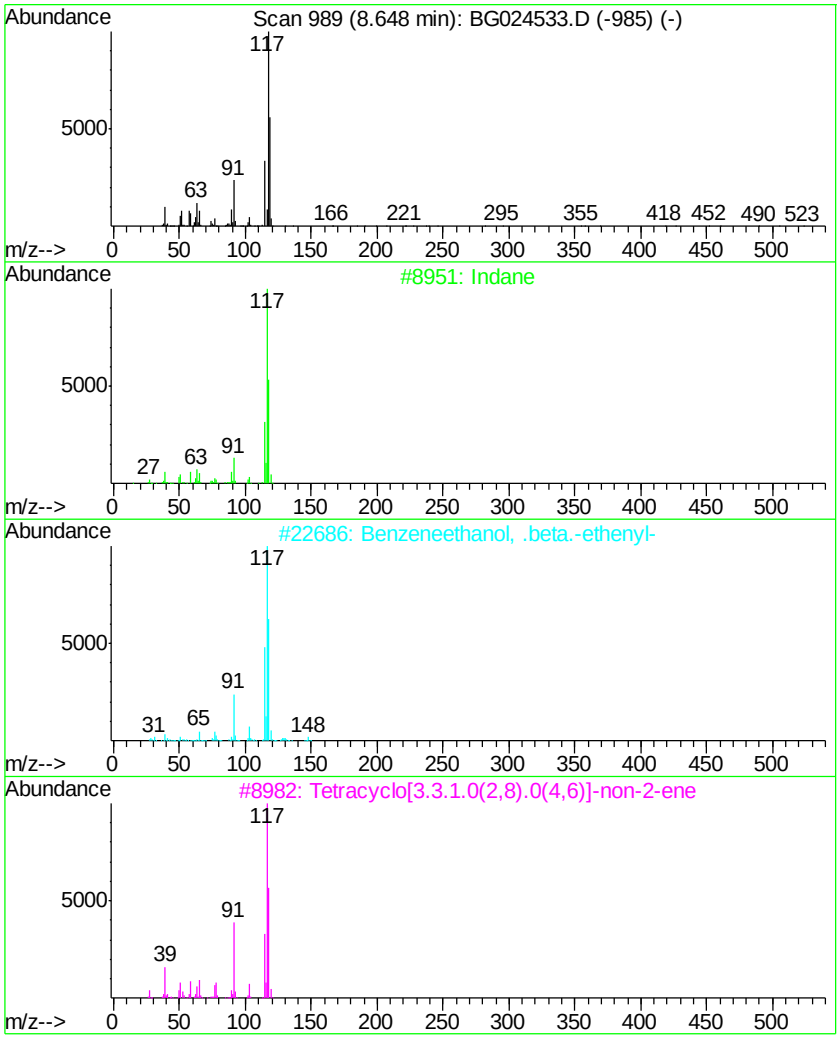
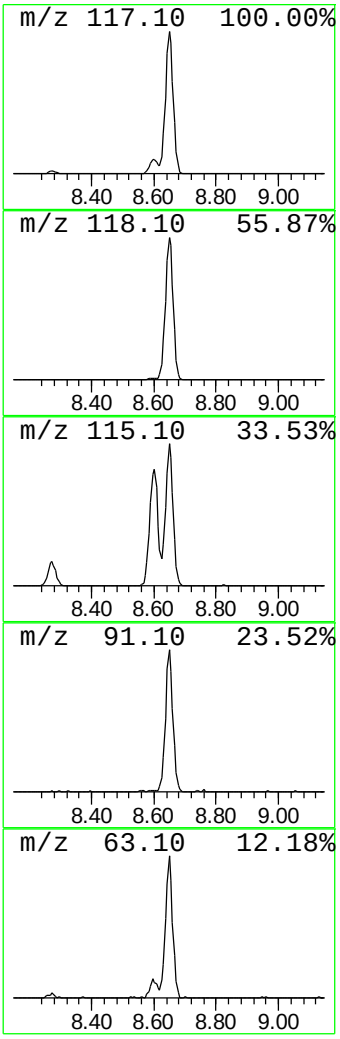
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	102.54 ng	4035720	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024533.D
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Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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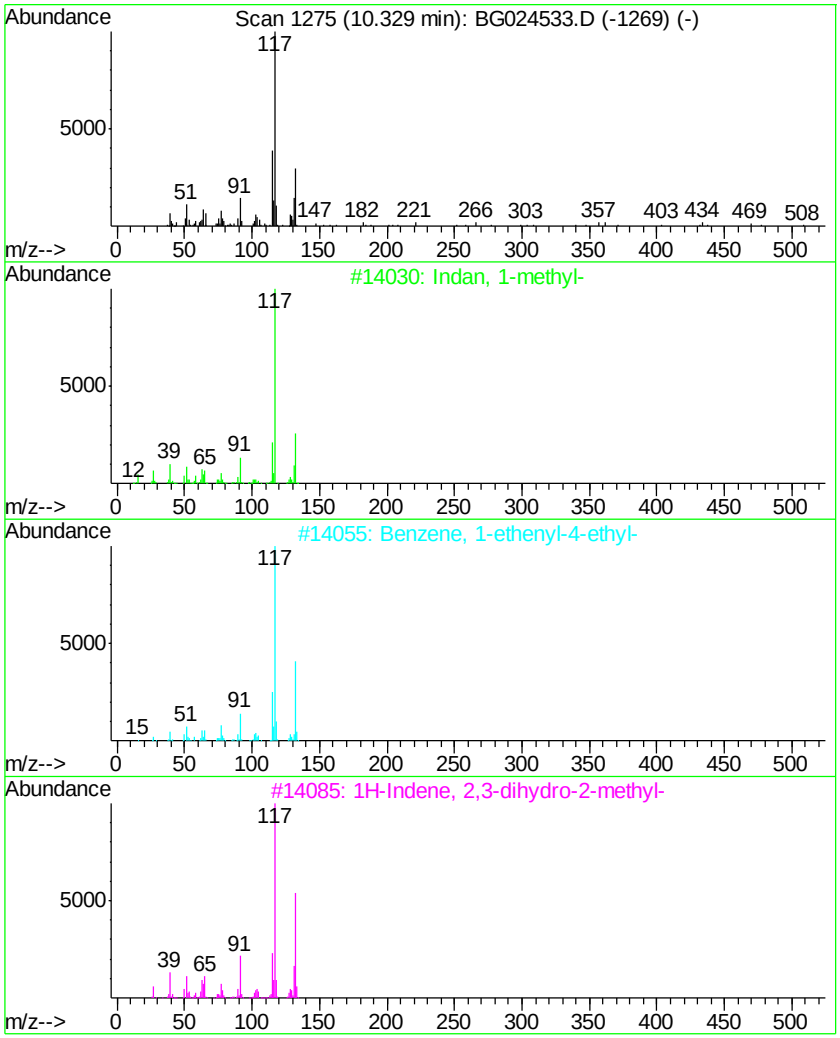
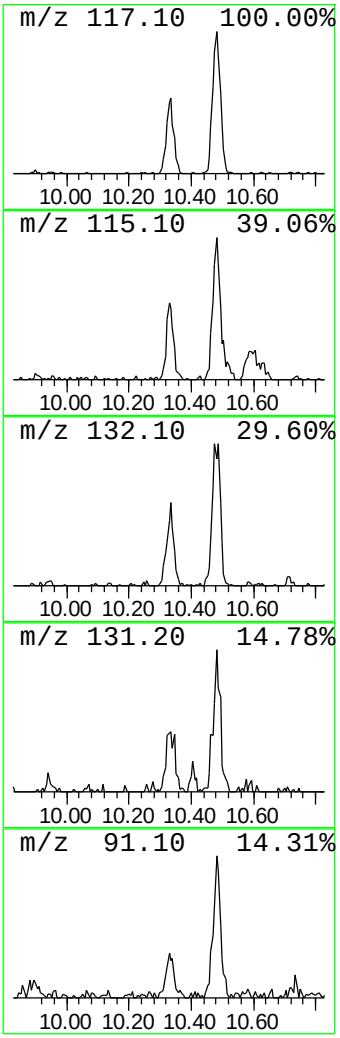
Peak Number 5 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	3.19 ng	174607	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	72
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
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Acq On : 27 Oct 2016 22:47
Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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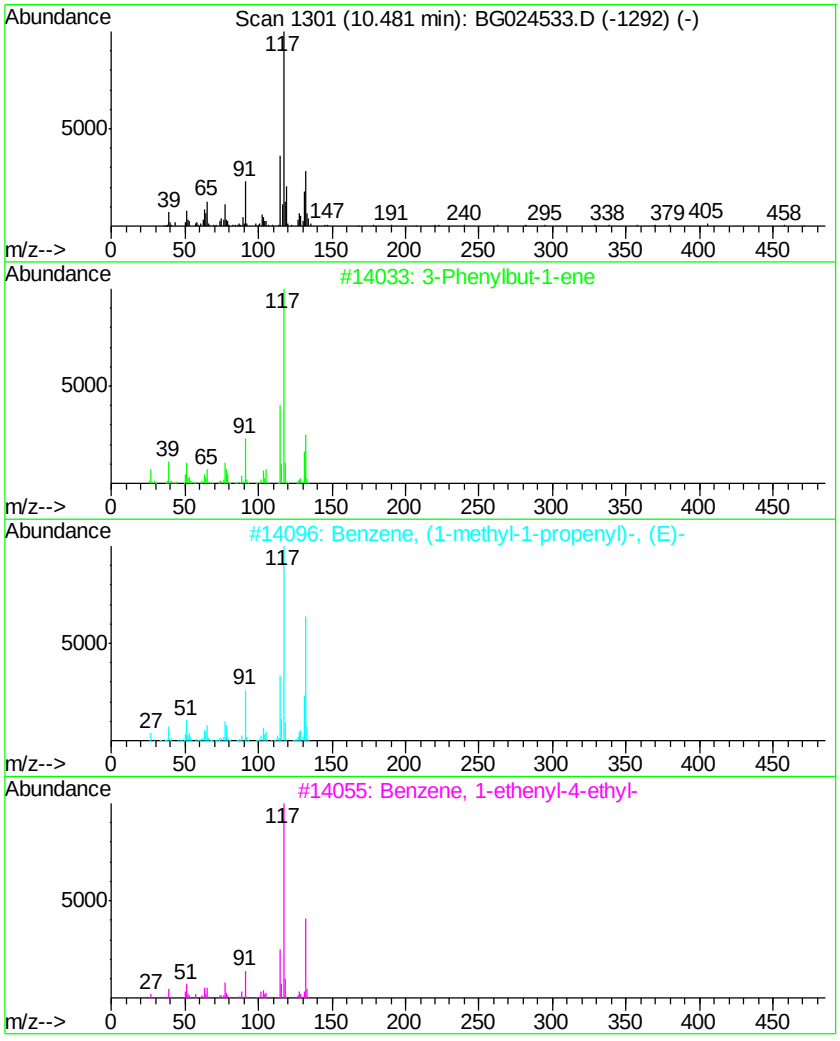
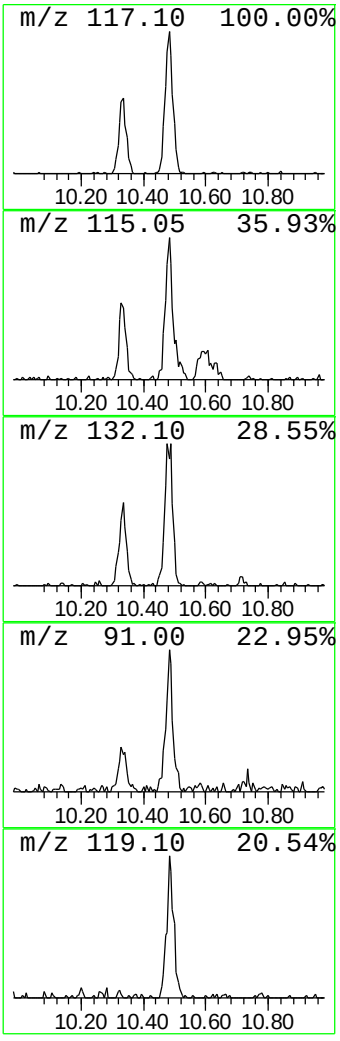
Peak Number 6 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	6.97 ng	382099	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	81





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Data File : BG024533.D
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Operator : UM/SJ
Sample : H5434-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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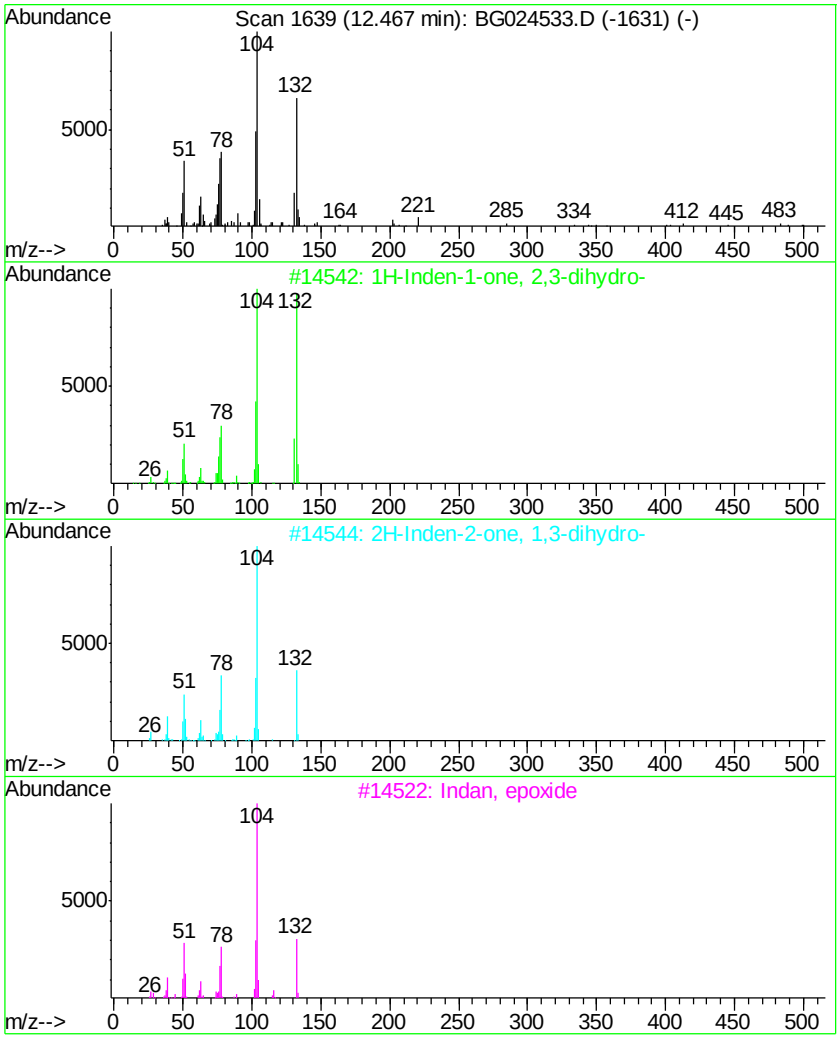
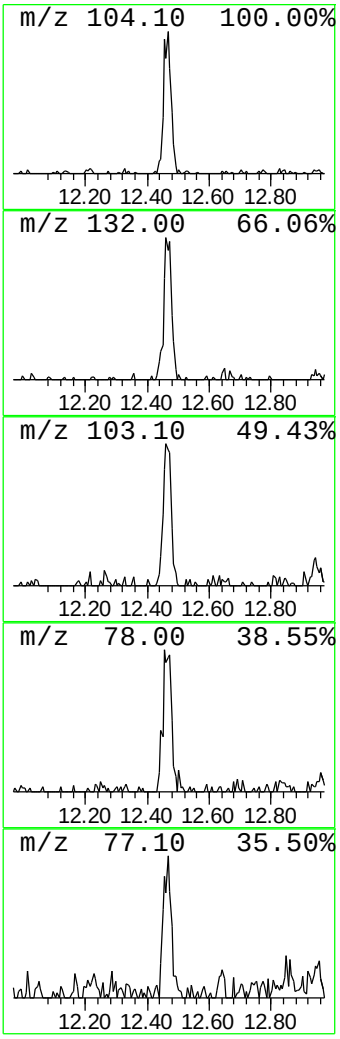
Peak Number 7 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.86 ng	156861	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	62
3	Indan, epoxide	132	C9H8O	000768-22-9	60
4	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	58
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
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Operator : UM/SJ
Sample : H5434-02
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Instrument : BNA_G
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.34	10.4	ng	410891	1	8.27	787138	20.0
unknown7.80	7.80	52.9	ng	2080510	1	8.27	787138	20.0
Indane	8.65	102.5	ng	4035720	1	8.27	787138	20.0
Indan, 1-methyl-	10.33	3.2	ng	174607	2	11.10	1095970	20.0
3-Phenylbut-1-ene	10.48	7.0	ng	382099	2	11.10	1095970	20.0
1H-Inden-1-one, 2...	12.47	2.9	ng	156861	2	11.10	1095970	20.0