LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026017.D
Acq On : 1 Mar 2017 9:22
Operator : SJ/MA
Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

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-BG021717.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	3.963	101	106	115	rBV	145153	206980	1.97%	0.503%
2	4.580	204	211	225	rBV	6959172	10517493	100.00%	25.566%
3	5.186	305	314	326	rBV	4053683	6387592	60.73%	15.527%
4	8.076	798	806	812	rBV	306344	514676	4.89%	1.251%
5	8.399	853	861	869	rBV	960335	1660151	15.78%	4.036%
6	8.711	907	914	926	rVB	80328	142384	1.35%	0.346%
7	9.228	993	1002	1011	rBV	782131	1390777	13.22%	3.381%
8	10.873	1272	1282	1291	rBV	474639	930478	8.85%	2.262%
9	12.283	1516	1522	1529	rBV2	128326	195625	1.86%	0.476%
10	13.305	1689	1696	1705	rBV	2491245	4022567	38.25%	9.778%
11	13.505	1723	1730	1738	rBV	160409	233543	2.22%	0.568%
12	14.122	1829	1835	1839	rBV	225060	346939	3.30%	0.843%
13	14.569	1907	1911	1917	rBV	142868	182143	1.73%	0.443%
14	14.680	1921	1930	1937	rVV2	857331	1427940	13.58%	3.471%
15	15.515	2068	2072	2077	rVB	105602	134362	1.28%	0.327%
16	16.372	2213	2218	2221	rBV	98868	138503	1.32%	0.337%
17	17.406	2387	2394	2400	rBV2	1269524	1875358	17.83%	4.559%
18	18.358	2548	2556	2560	rBV	274508	332668	3.16%	0.809%
19	20.003	2830	2836	2846	rVB	4715326	6123610	58.22%	14.885%
20	21.296	3052	3056	3068	rVB	94959	167658	1.59%	0.408%
21	21.543	3094	3098	3105	rVB	78612	114996	1.09%	0.280%
22	21.654	3110	3117	3130	rVB	1200845	2065487	19.64%	5.021%
23	24.857	3651	3662	3675	rBV	688426	2026626	19.27%	4.926%

Sum of corrected areas: 41138556

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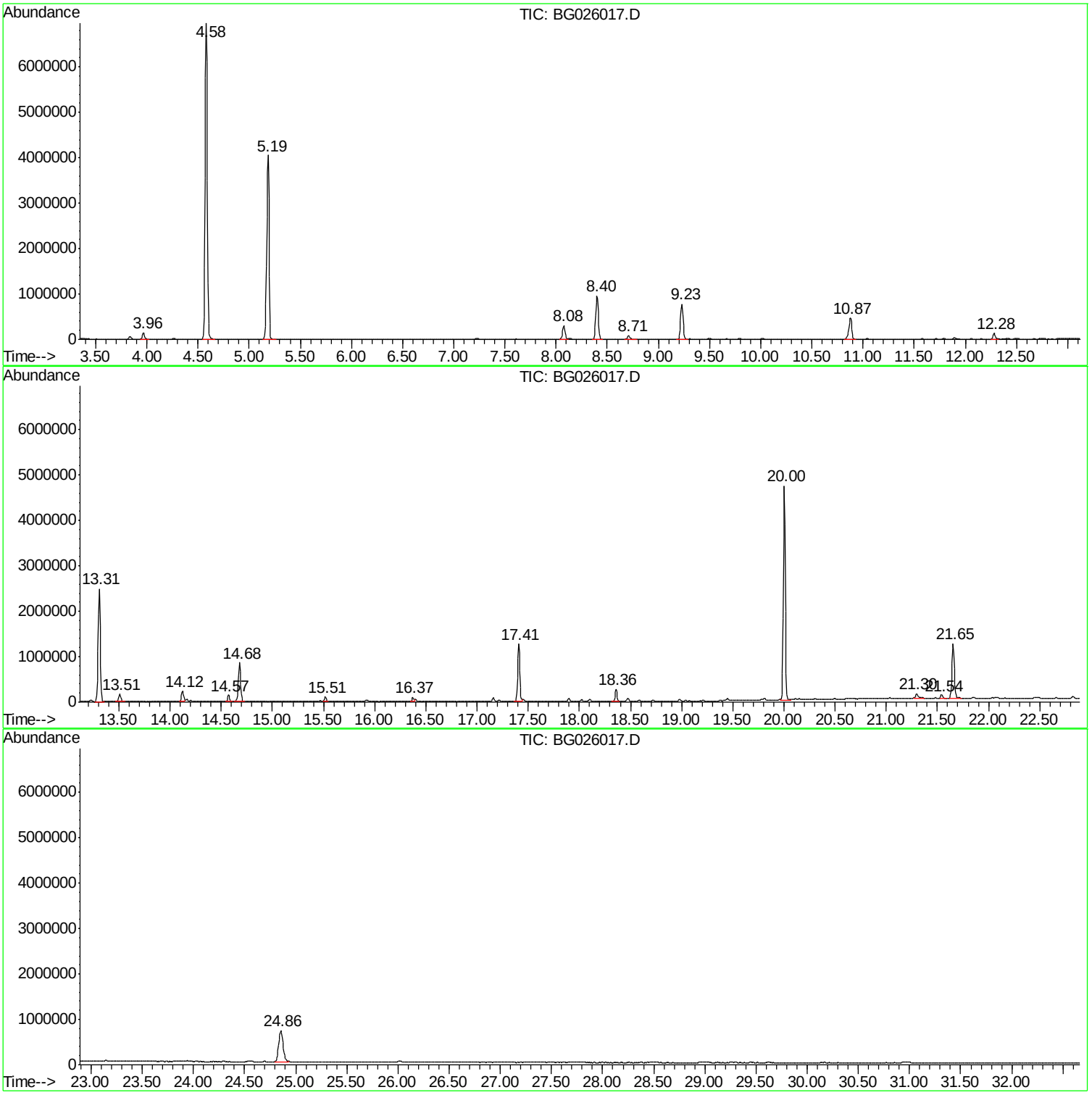
Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026017.D
Acq On : 1 Mar 2017 9:22
Operator : SJ/MA
Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

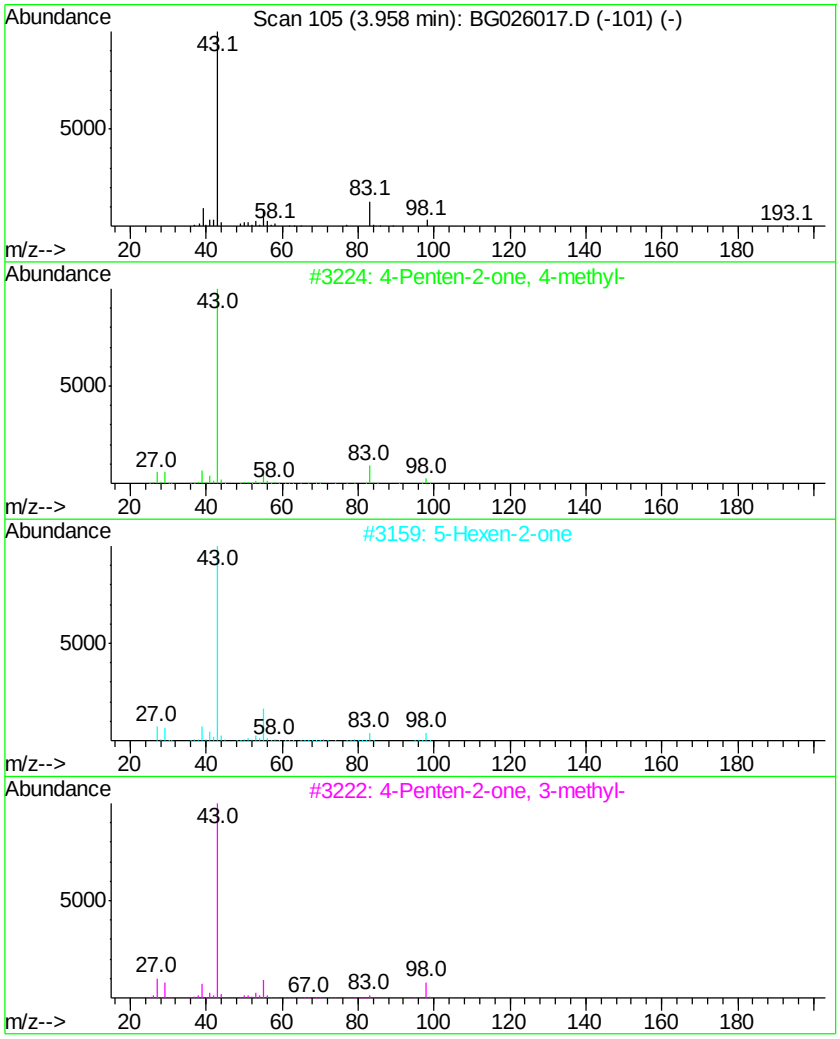
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

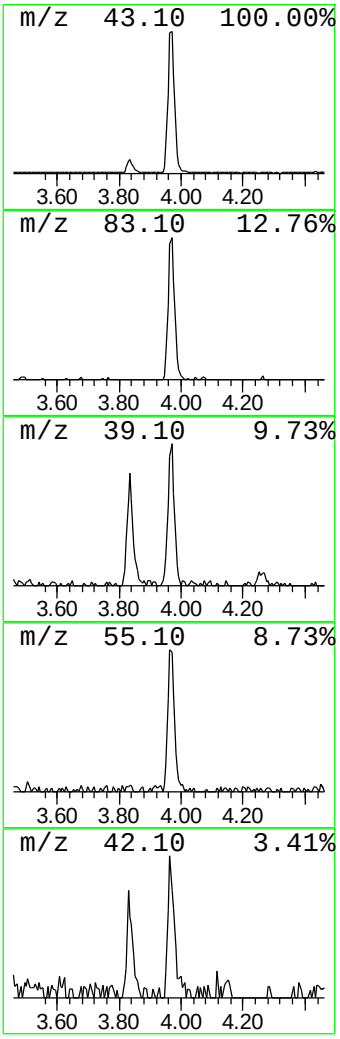
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	8.04 ng	206980	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2	5-Hexen-2-one	98	C6H10O	000109-49-9	43
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	38
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	25
5	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	18





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Operator : SJ/MA
Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.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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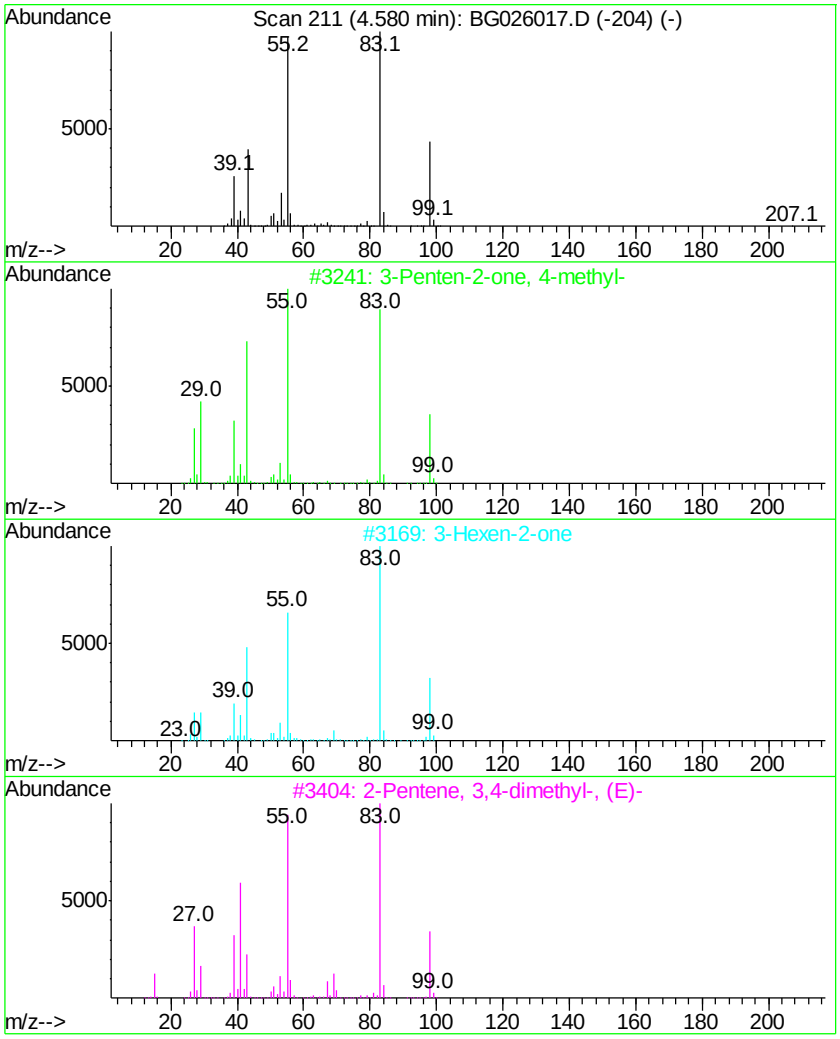
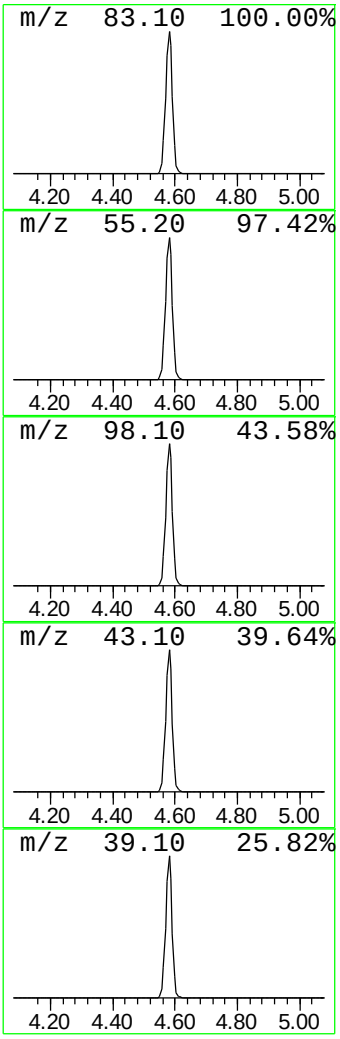
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	408.70 ng	10517500	1,4-Dichlorobenzene-d4	8.08

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	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	86





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Data File : BG026017.D
Acq On : 1 Mar 2017 9:22
Operator : SJ/MA
Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

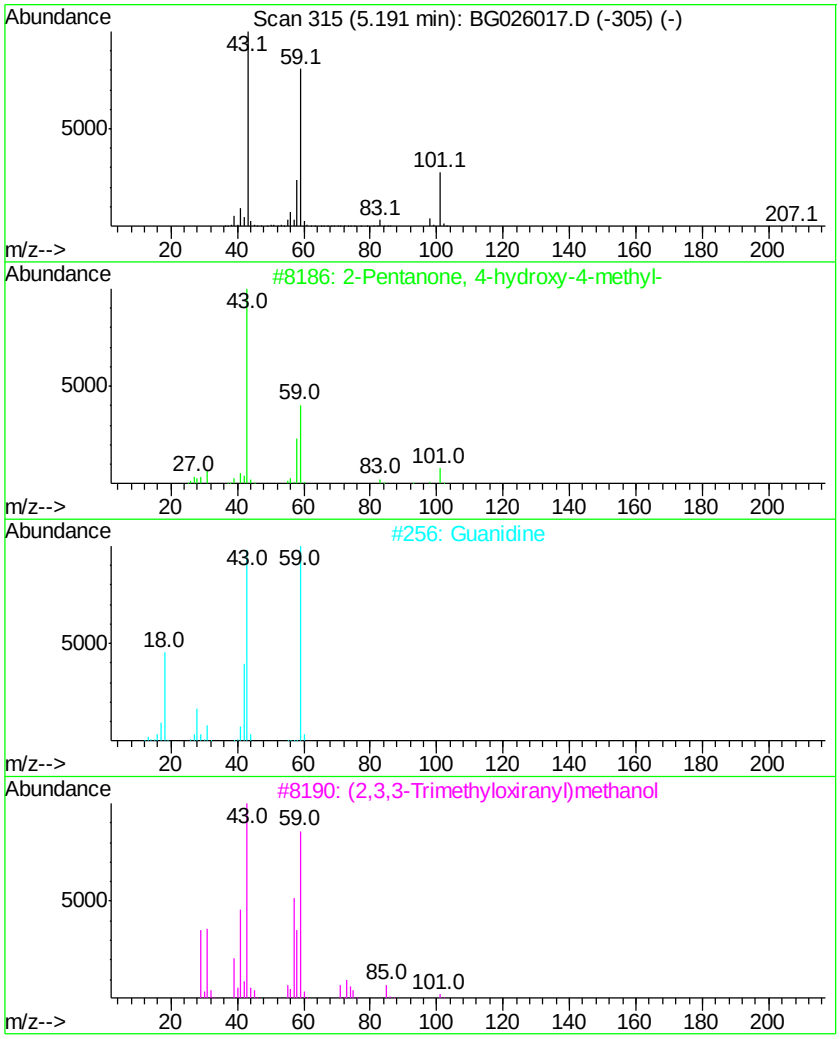
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

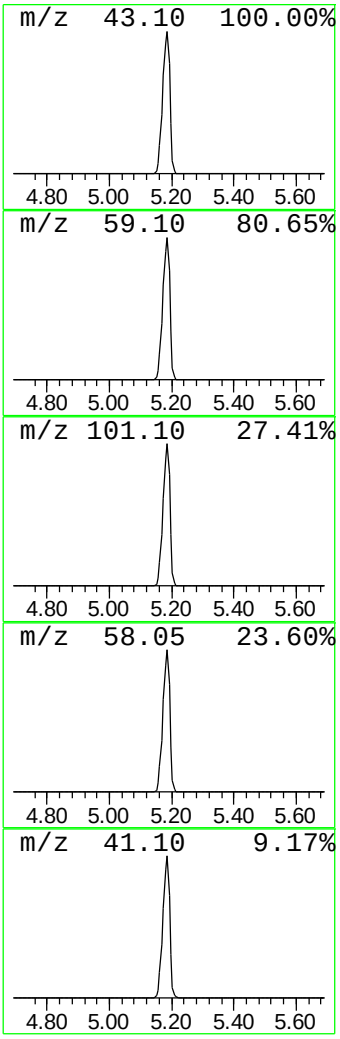
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	248.22 ng	6387590	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	38
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27





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Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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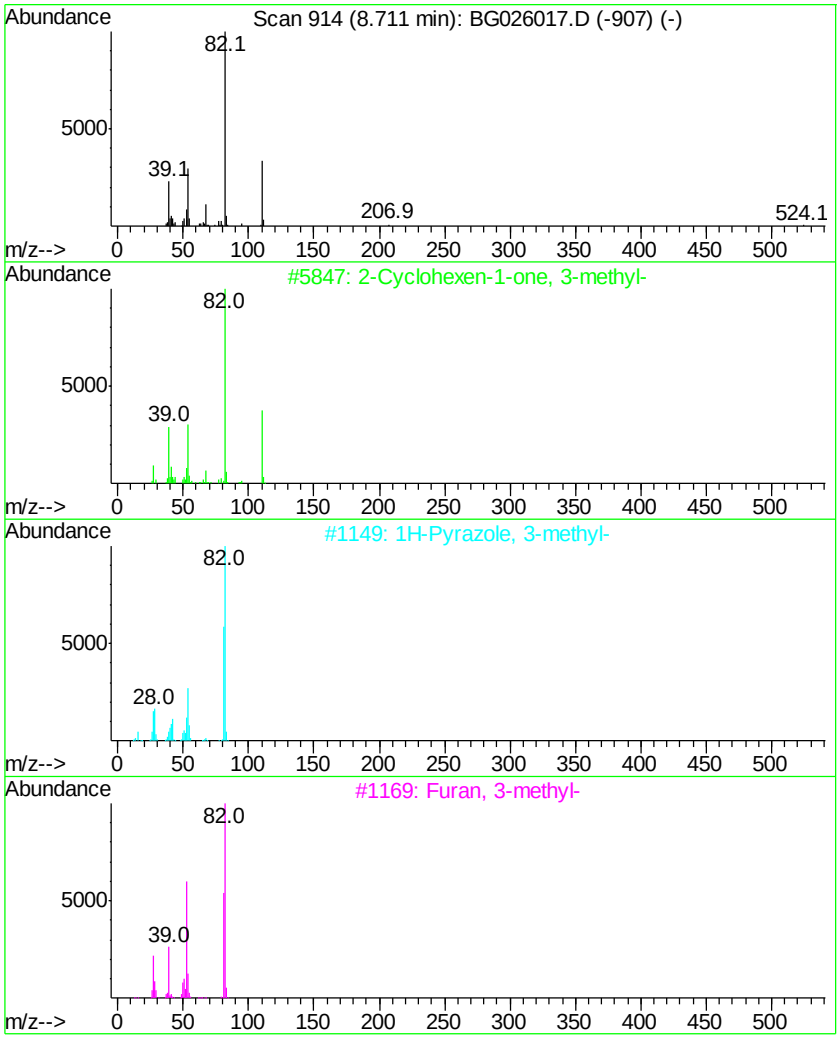
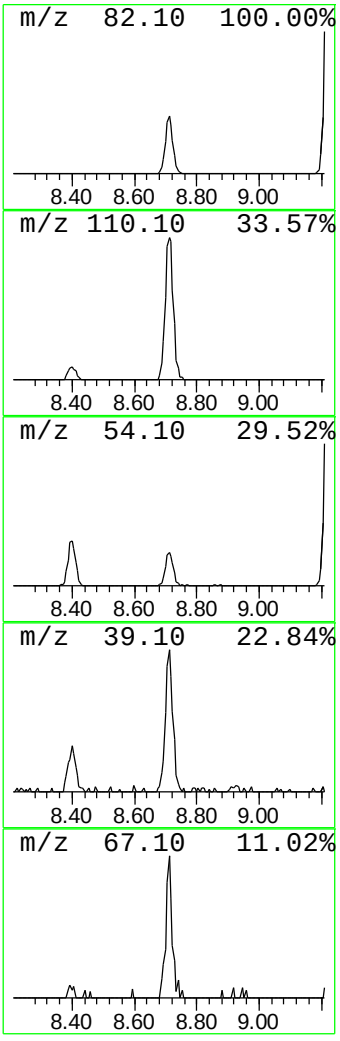
Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	5.53 ng	142384	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	53
3	Furan, 3-methyl-	82	C5H6O	000930-27-8	50
4	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	45
5	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	42





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Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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TIC Library : C:\DATABASE\NIST11.L
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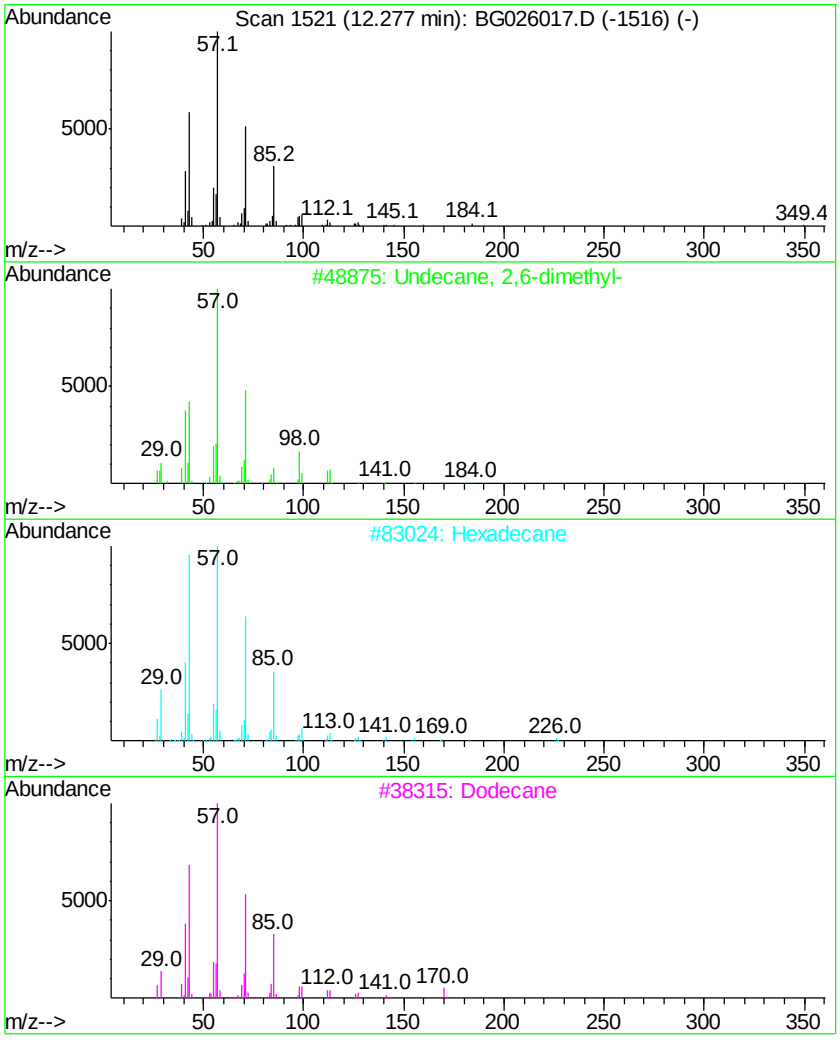
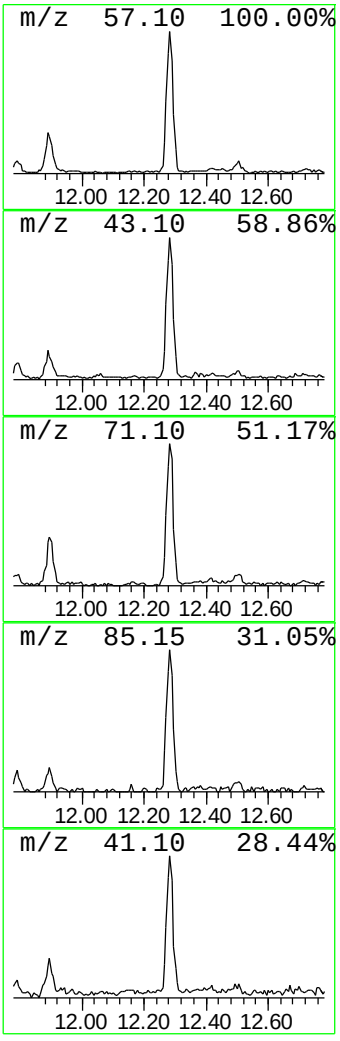
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.20 ng	195625	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane	170	C12H26	000112-40-3	78
4	Undecane	156	C11H24	001120-21-4	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Sample : I2012-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-11

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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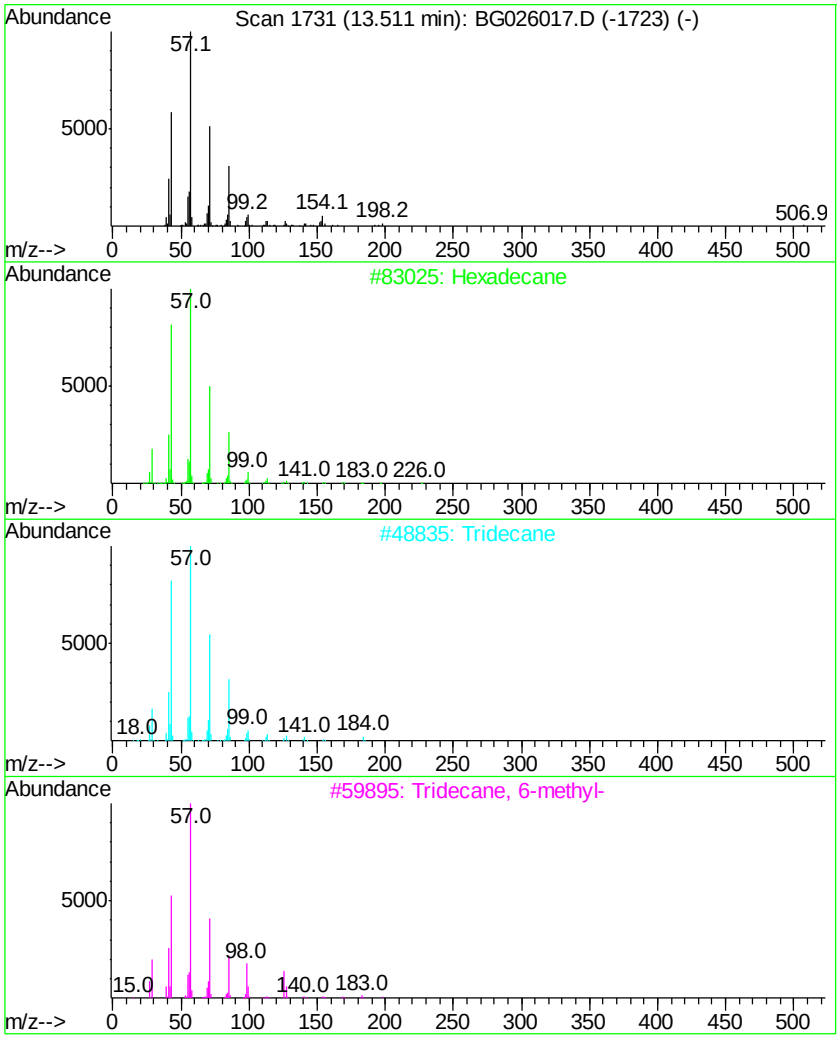
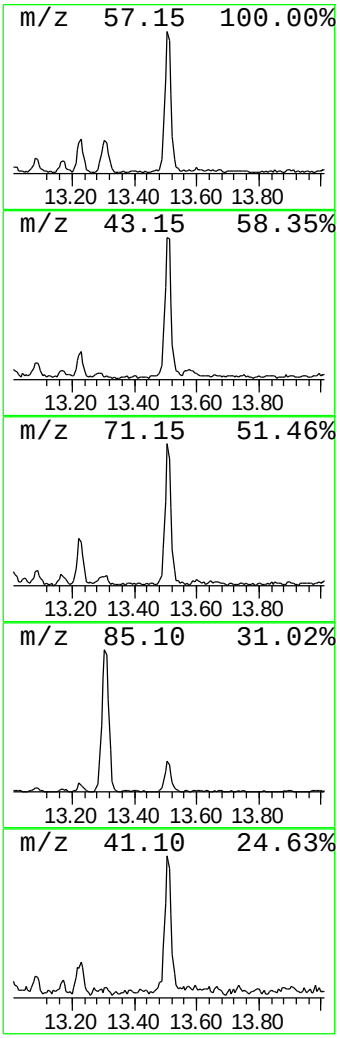
Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	3.27 ng	233543	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





Tentatively Identified Compound (LSC) summary

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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
4-Penten-2-one, 4...	3.96	8.0	ng	206980	1	8.08	514676	20.0
3-Penten-2-one, 4...	4.58	408.7	ng	10517500	1	8.08	514676	20.0
2-Pentanone, 4-hy...	5.19	248.2	ng	6387590	1	8.08	514676	20.0
2-Cyclohexen-1-on...	8.71	5.5	ng	142384	1	8.08	514676	20.0
Undecane, 2,6-dim...	12.28	4.2	ng	195625	2	10.87	930478	20.0
Hexadecane	13.51	3.3	ng	233543	3	14.68	1427940	20.0