LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026020.D
Acq On : 1 Mar 2017 11:30
Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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	3.969	101	107	120	rVB	233567	325166	2.15%	0.687%
2	4.586	203	212	228	rBV	9273375	15124890	100.00%	31.965%
3	5.185	302	314	323	rBV	4358011	6943444	45.91%	14.674%
4	8.076	799	806	812	rBV	339932	580495	3.84%	1.227%
5	8.399	853	861	875	rVB	981447	1673070	11.06%	3.536%
6	8.710	906	914	925	rBV	121389	207826	1.37%	0.439%
7	9.227	994	1002	1010	rBV	742063	1291387	8.54%	2.729%
8	10.878	1272	1283	1290	rBV	509806	1004897	6.64%	2.124%
9	12.283	1515	1522	1529	rBV	147595	217511	1.44%	0.460%
10	13.305	1687	1696	1703	rBV	2382676	3806855	25.17%	8.046%
11	13.511	1721	1731	1738	rBV	178951	279525	1.85%	0.591%
12	14.122	1830	1835	1839	rBV	266168	397048	2.63%	0.839%
13	14.574	1907	1912	1916	rBV	151352	208514	1.38%	0.441%
14	14.680	1919	1930	1937	rBV2	923903	1537231	10.16%	3.249%
15	17.406	2388	2394	2400	rBV2	1336898	2063571	13.64%	4.361%
16	18.358	2549	2556	2561	rBV	267486	346113	2.29%	0.731%
17	20.003	2830	2836	2846	rVB	4701005	6231649	41.20%	13.170%
18	21.302	3052	3057	3070	rVB	138651	250419	1.66%	0.529%
19	21.654	3110	3117	3131	rBV	1368695	2388867	15.79%	5.049%
20	24.862	3652	3663	3682	rVB2	812184	2438032	16.12%	5.153%

Sum of corrected areas: 47316510

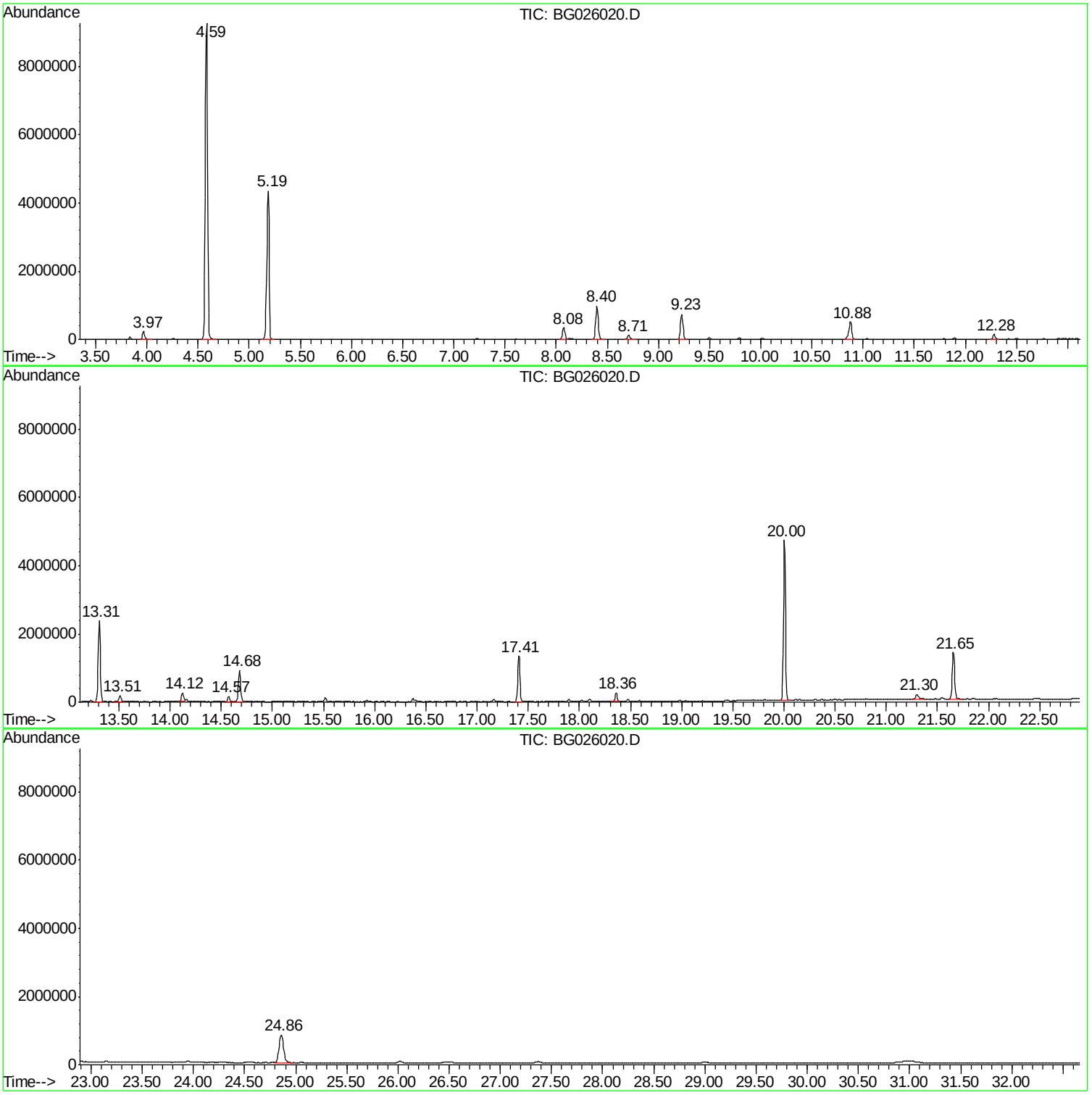
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026020.D
Acq On : 1 Mar 2017 11:30
Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026020.D
Acq On : 1 Mar 2017 11:30
Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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

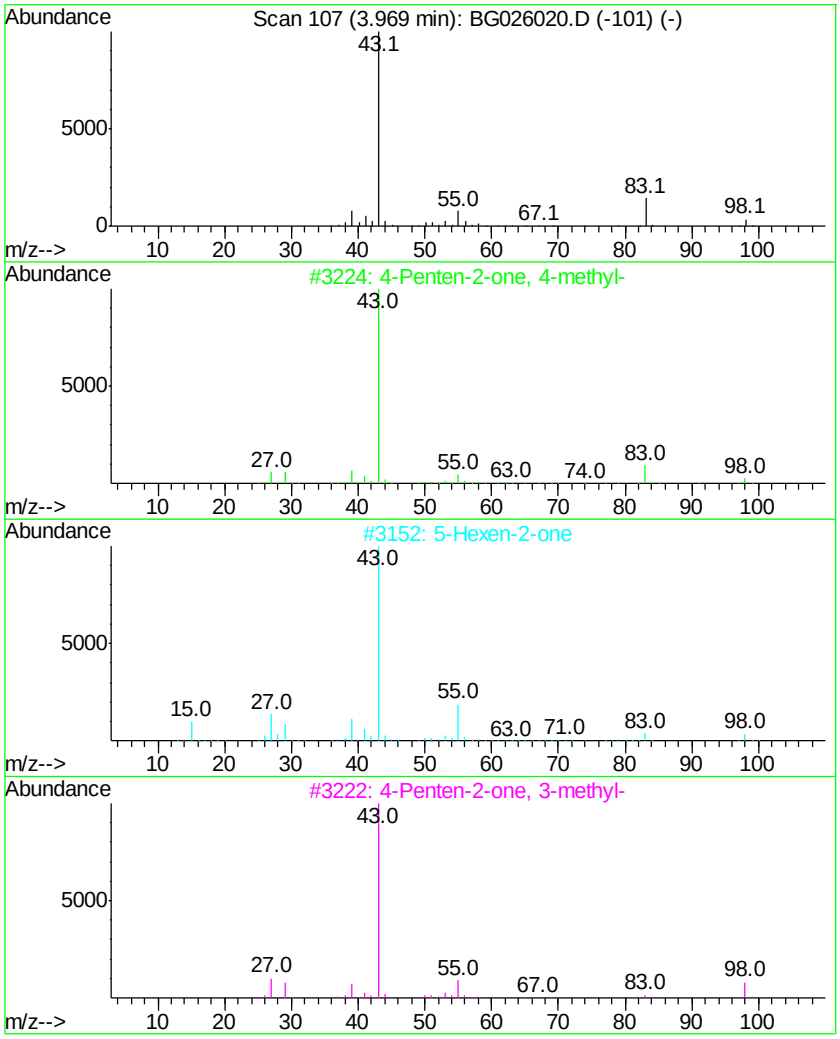
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

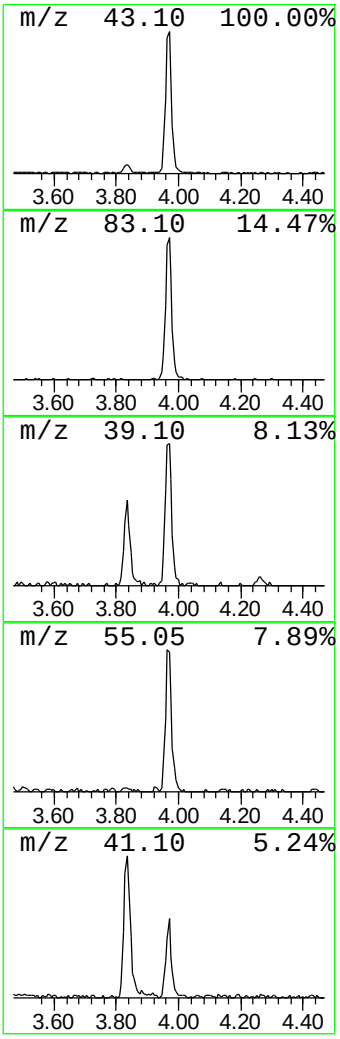
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	11.20 ng	325166	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	86
2	5-Hexen-2-one	98	C6H10O	000109-49-9	50
3	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	50
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	47
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	23





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Acq On : 1 Mar 2017 11:30
Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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

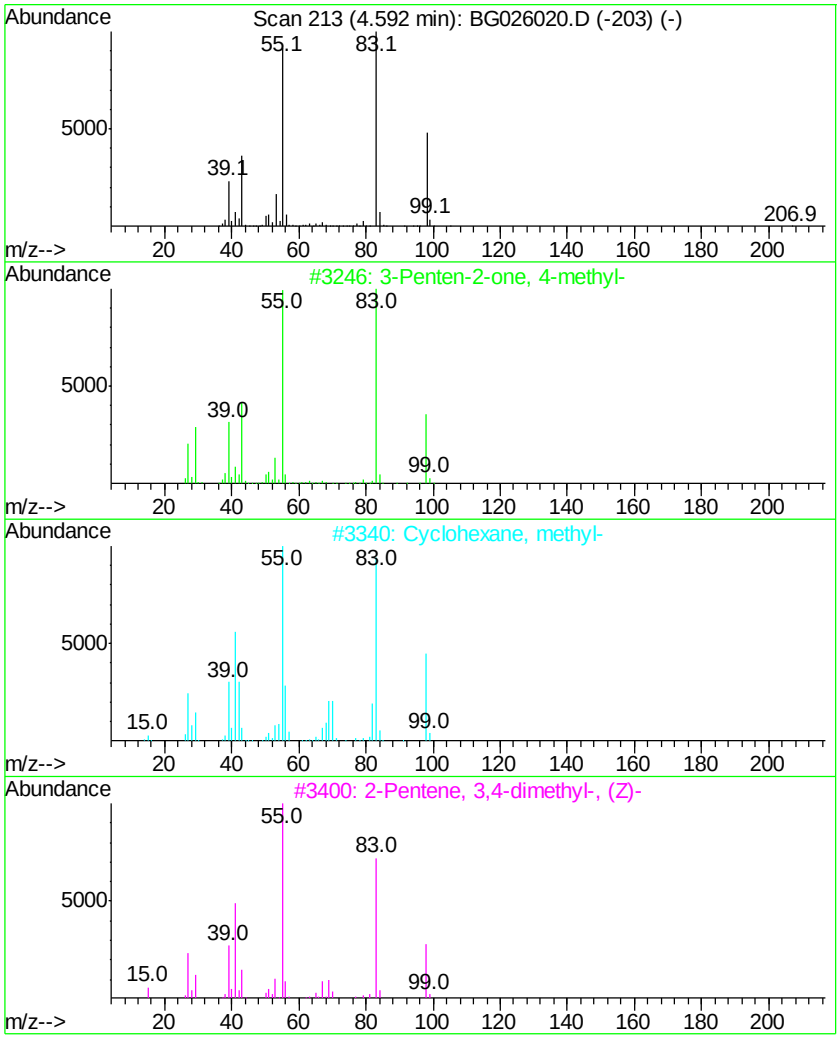
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

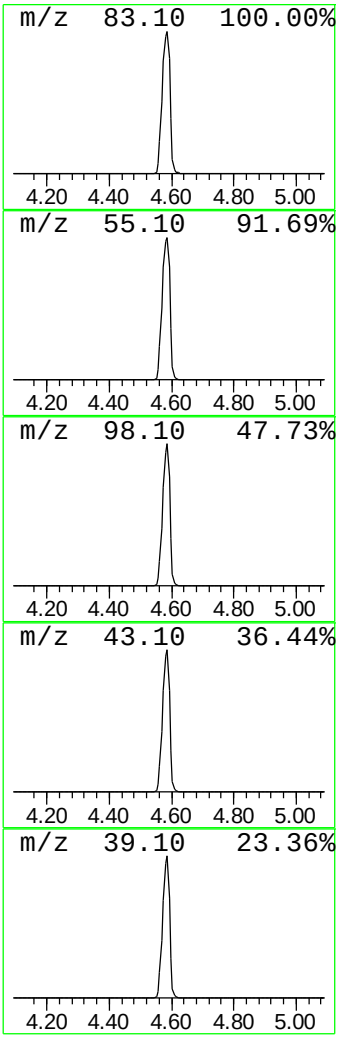
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	521.10 ng	15124900	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	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	78
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





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Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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

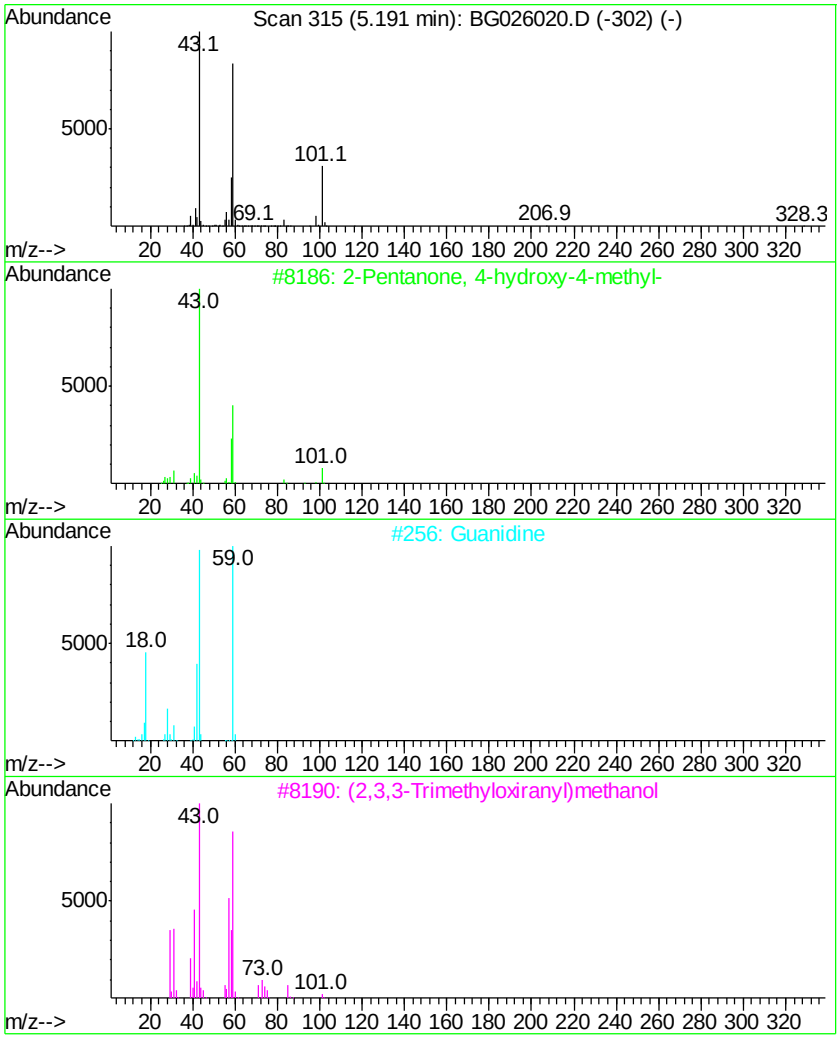
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

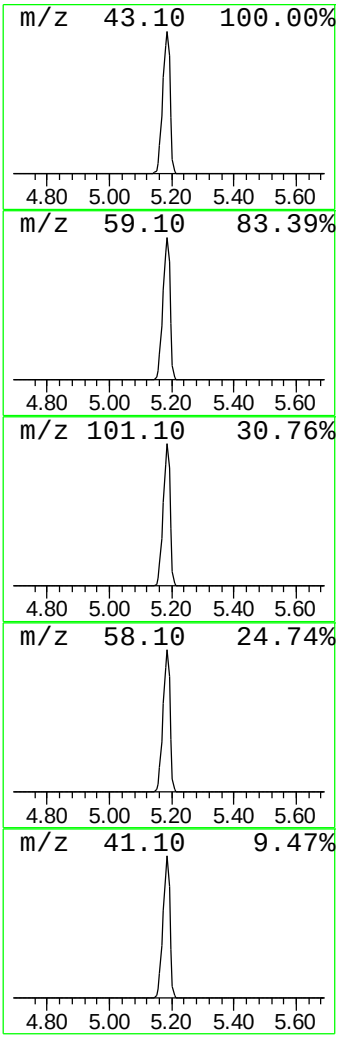
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	239.23 ng	6943440	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	39
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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
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Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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

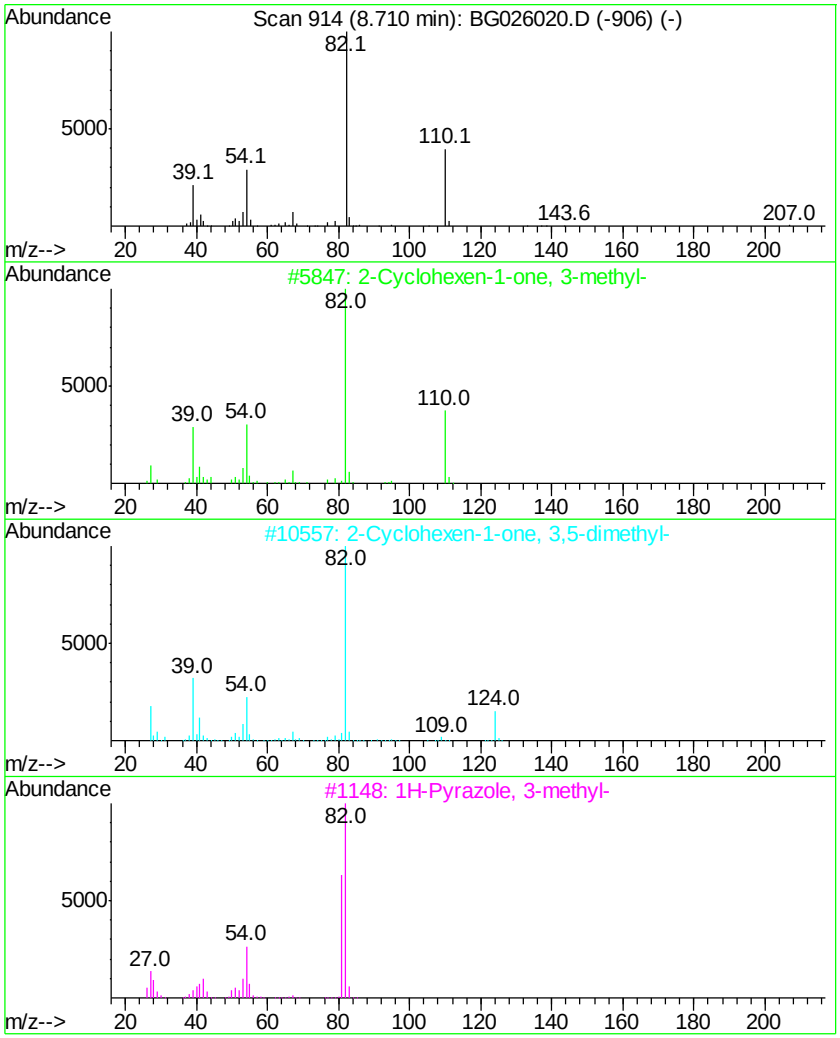
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

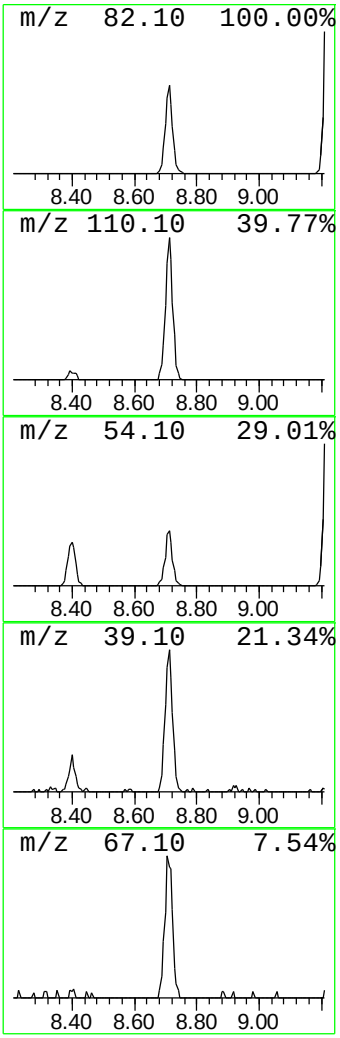
****

Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	7.16 ng	207826	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	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
3	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	47
4	Betazole	111	C5H9N3	000105-20-4	47
5	Furan, 2-methyl-	82	C5H6O	000534-22-5	33





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022817\
Data File : BG026020.D
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Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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

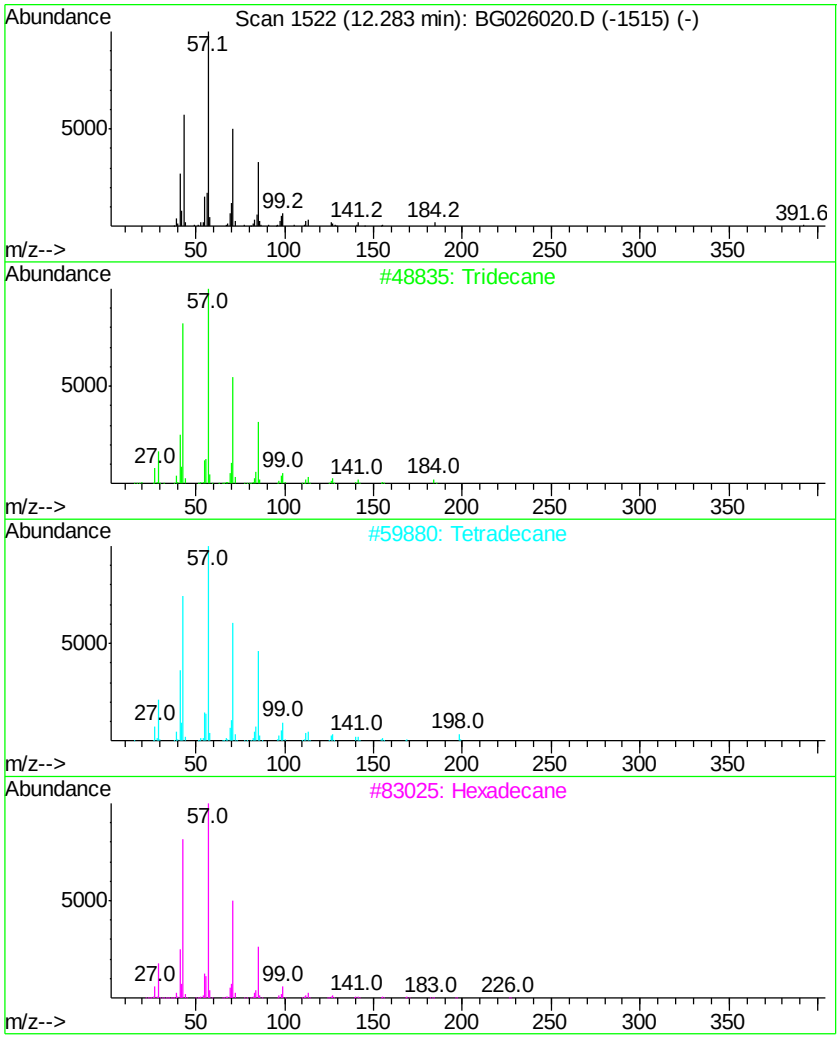
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

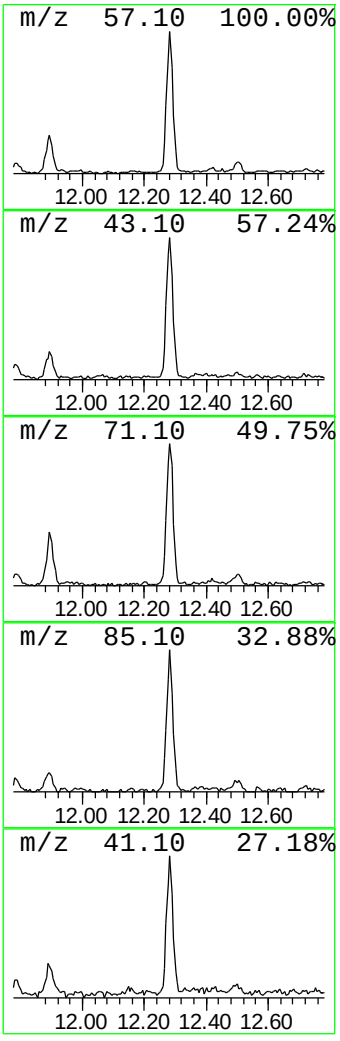
****

Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.33 ng	217511	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane	156	C11H24	001120-21-4	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68





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Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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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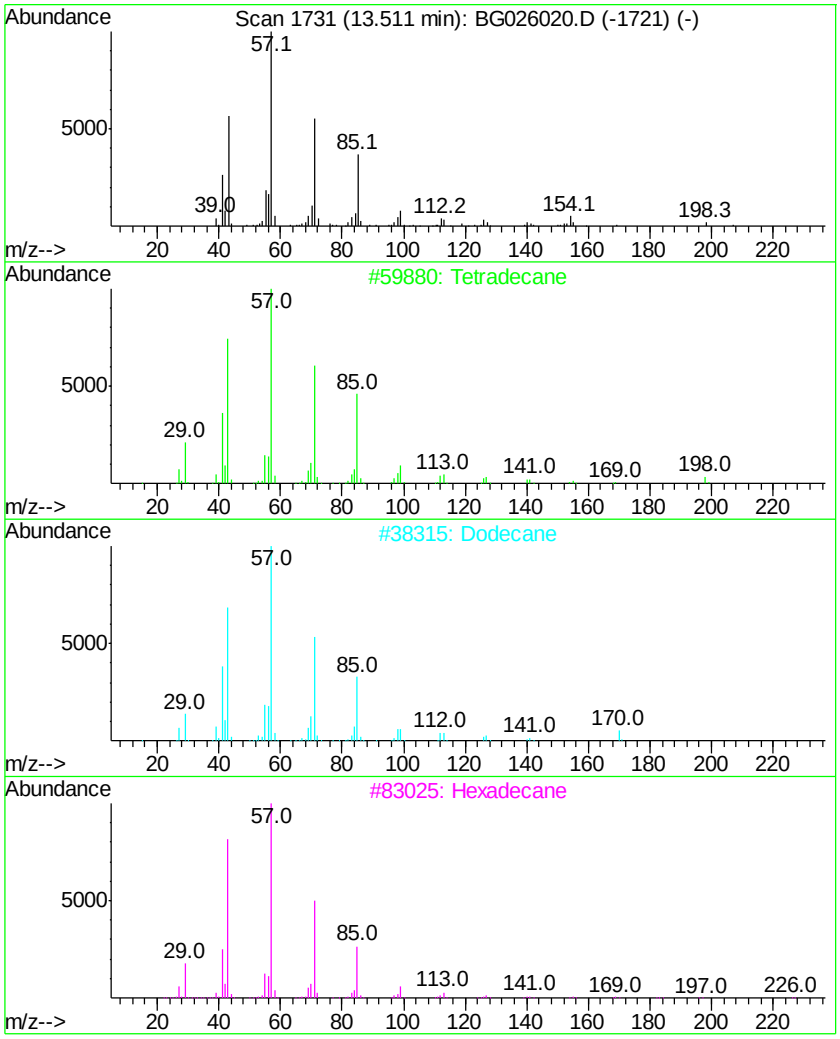
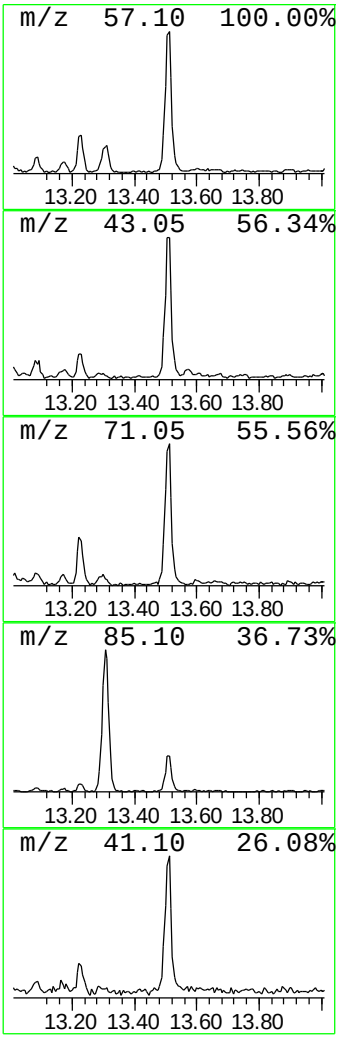
Peak Number 7 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	3.64 ng	279525	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Tridecane	184	C13H28	000629-50-5	72
5	Undecane	156	C11H24	001120-21-4	72





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Acq On : 1 Mar 2017 11:30
Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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
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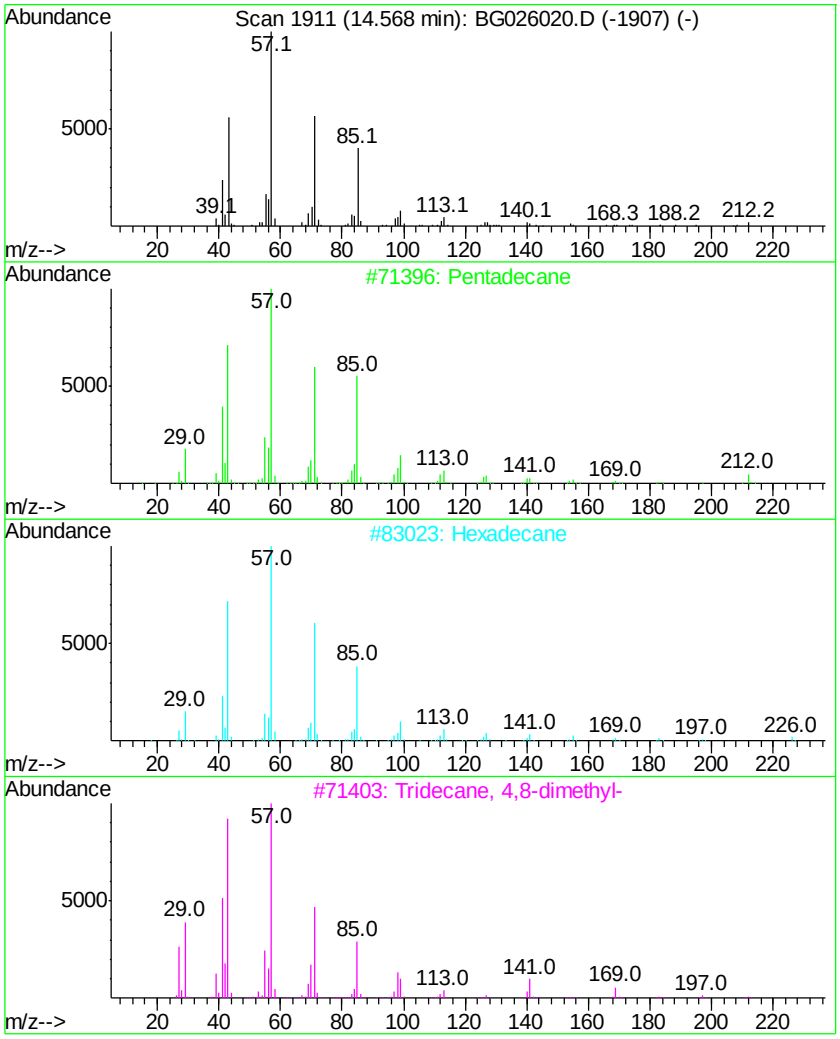
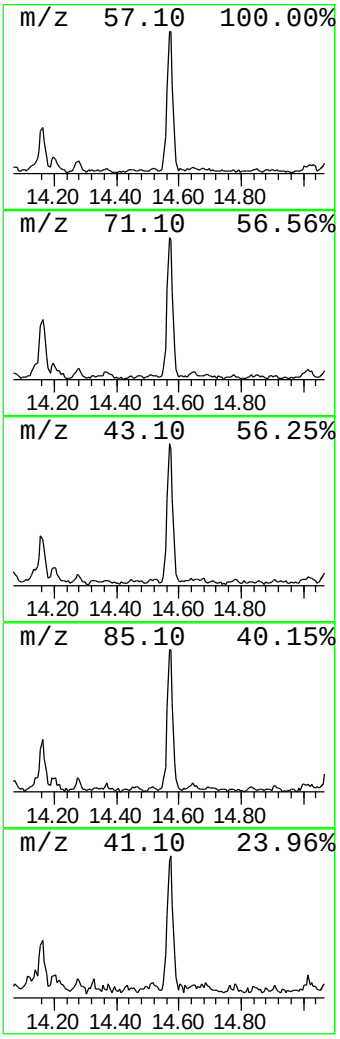
Peak Number 8 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.71 ng	208514	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	78





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Operator : SJ/MA
Sample : I2012-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-12

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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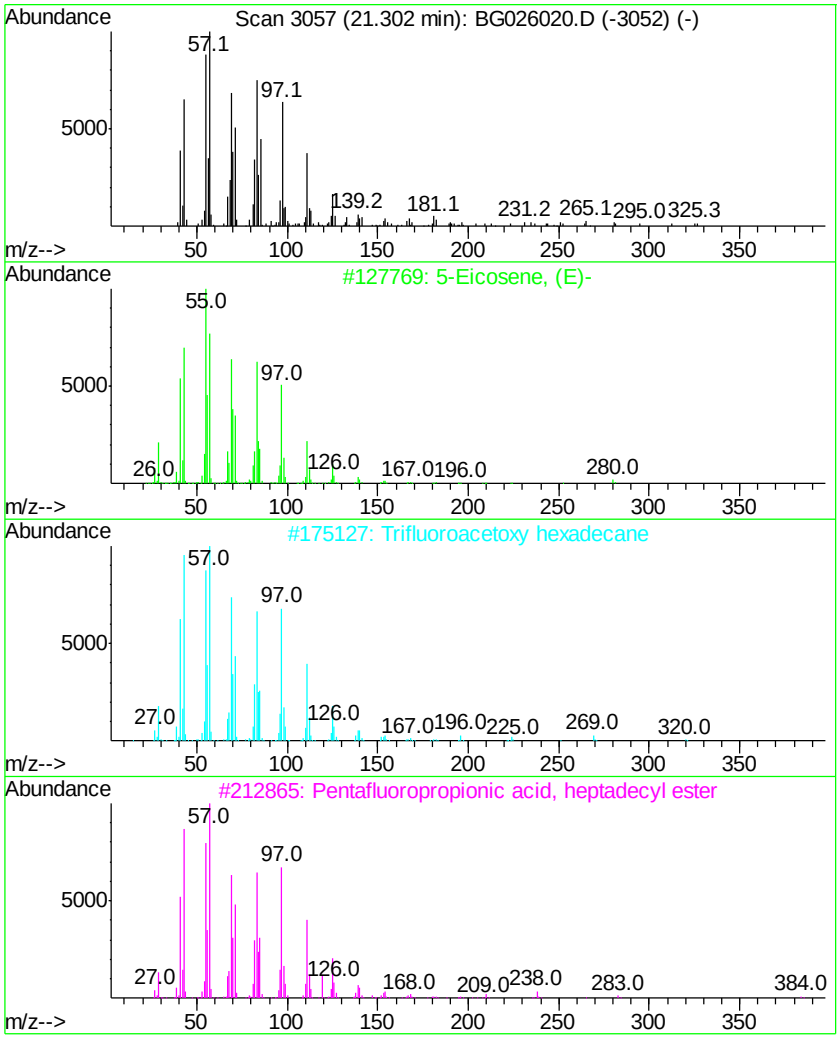
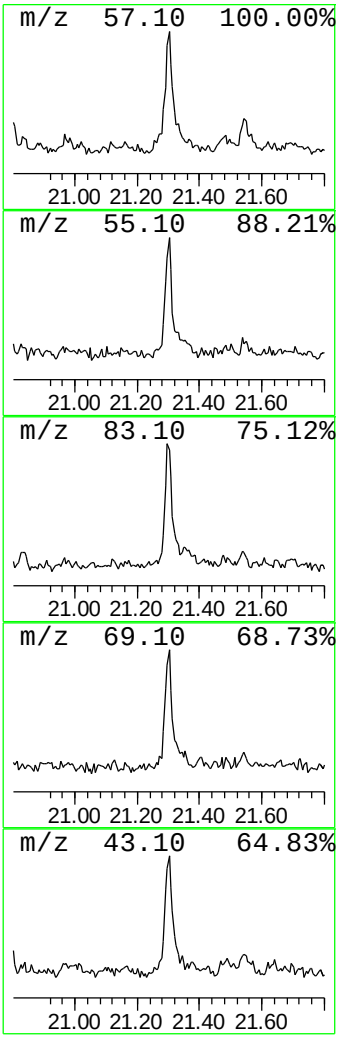
Peak Number 9 5-Eicosene, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.10 ng	250419	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87





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...	3.97	11.2	ng	325166	1	8.08	580495	20.0
3-Penten-2-one, 4...	4.59	521.1	ng	15124900	1	8.08	580495	20.0
2-Pentanone, 4-hy...	5.19	239.2	ng	6943440	1	8.08	580495	20.0
2-Cyclohexen-1-on...	8.71	7.2	ng	207826	1	8.08	580495	20.0
Tridecane	12.28	4.3	ng	217511	2	10.88	1004900	20.0
Tetradecane	13.51	3.6	ng	279525	3	14.68	1537230	20.0
Pentadecane	14.57	2.7	ng	208514	3	14.68	1537230	20.0
5-Eicosene, (E)-	21.30	2.1	ng	250419	5	21.65	2388870	20.0