LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

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-BG022916.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	3.052	31	36	56	rVB	894840	1214384	100.00%	18.536%
2	5.232	401	407	416	rVB	53114	80297	6.61%	1.226%
3	5.696	480	486	498	rVB	254170	409849	33.75%	6.256%
4	7.300	750	759	768	rBV	287996	506578	41.71%	7.732%
5	7.670	814	822	832	rBB	277442	479726	39.50%	7.323%
6	8.140	896	902	908	rBV	40465	66670	5.49%	1.018%
7	8.463	949	957	965	rBB	168881	290131	23.89%	4.429%
8	9.309	1093	1101	1111	rBB	181341	328904	27.08%	5.020%
9	9.415	1111	1119	1127	rBB2	9952	17728	1.46%	0.271%
10	10.954	1373	1381	1387	rBV	65223	115899	9.54%	1.769%
11	12.182	1585	1590	1595	rVB	12725	17037	1.40%	0.260%
12	13.381	1787	1794	1804	rBB	413585	605060	49.82%	9.236%
13	14.145	1919	1924	1928	rBV	15267	20220	1.67%	0.309%
14	14.198	1928	1933	1940	rVB	73975	108140	8.90%	1.651%
15	14.756	2022	2028	2034	rBB2	100582	160081	13.18%	2.443%
16	15.573	2163	2167	2172	rVB	15656	20306	1.67%	0.310%
17	16.236	2274	2280	2291	rVB2	350854	522526	43.03%	7.976%
18	16.436	2309	2314	2316	rBV	17330	22877	1.88%	0.349%
19	17.224	2442	2448	2454	rBV	12144	16096	1.33%	0.246%
20	17.494	2487	2494	2499	rBV2	118715	179591	14.79%	2.741%
21	20.085	2929	2935	2940	rBV	764781	950383	78.26%	14.507%
22	21.378	3152	3155	3161	rVB7	9693	15279	1.26%	0.233%
23	21.759	3214	3220	3227	rVB	130691	213016	17.54%	3.251%
24	25.032	3769	3777	3788	rVB	65521	190580	15.69%	2.909%

Sum of corrected areas: 6551358

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
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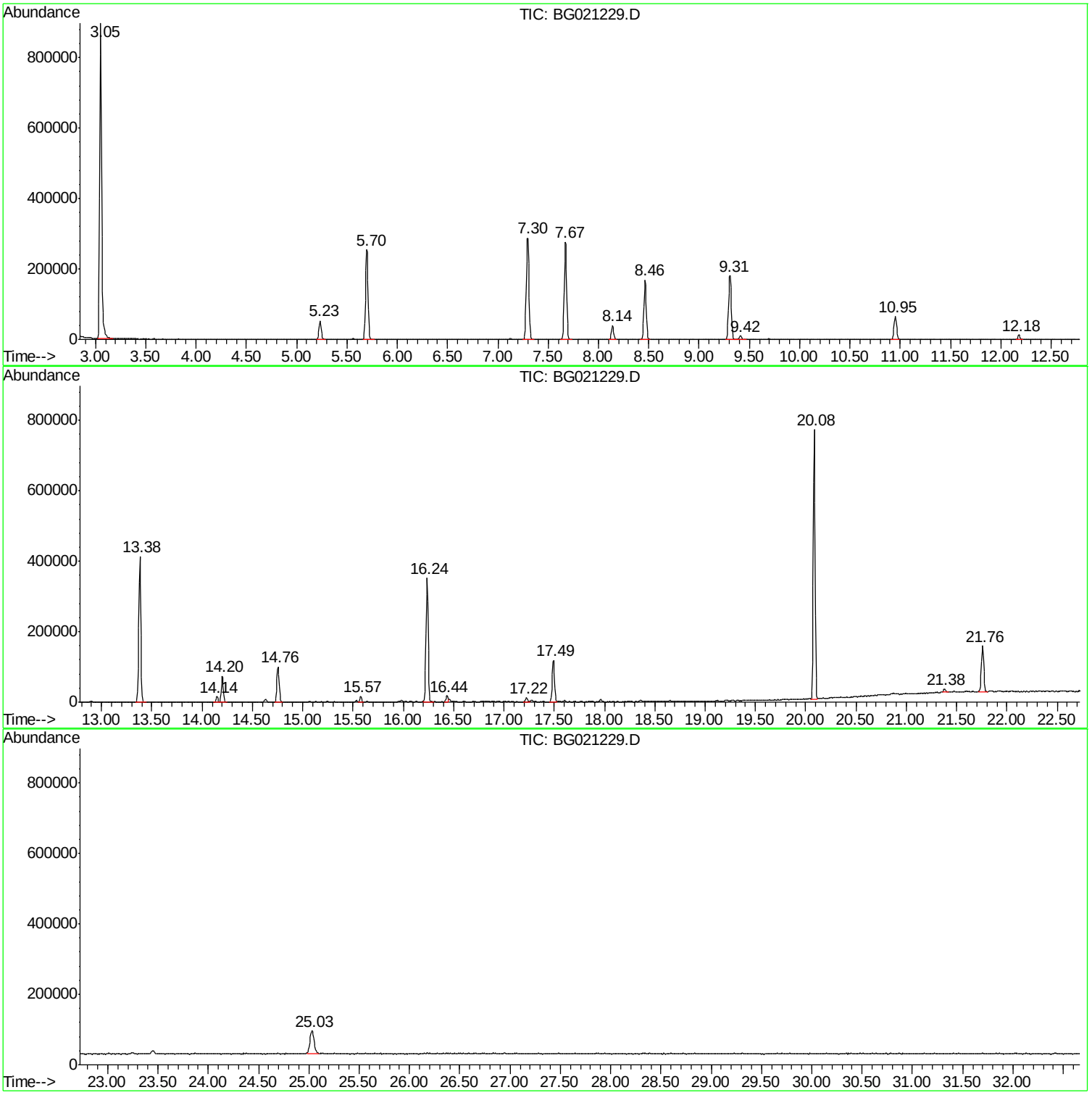
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

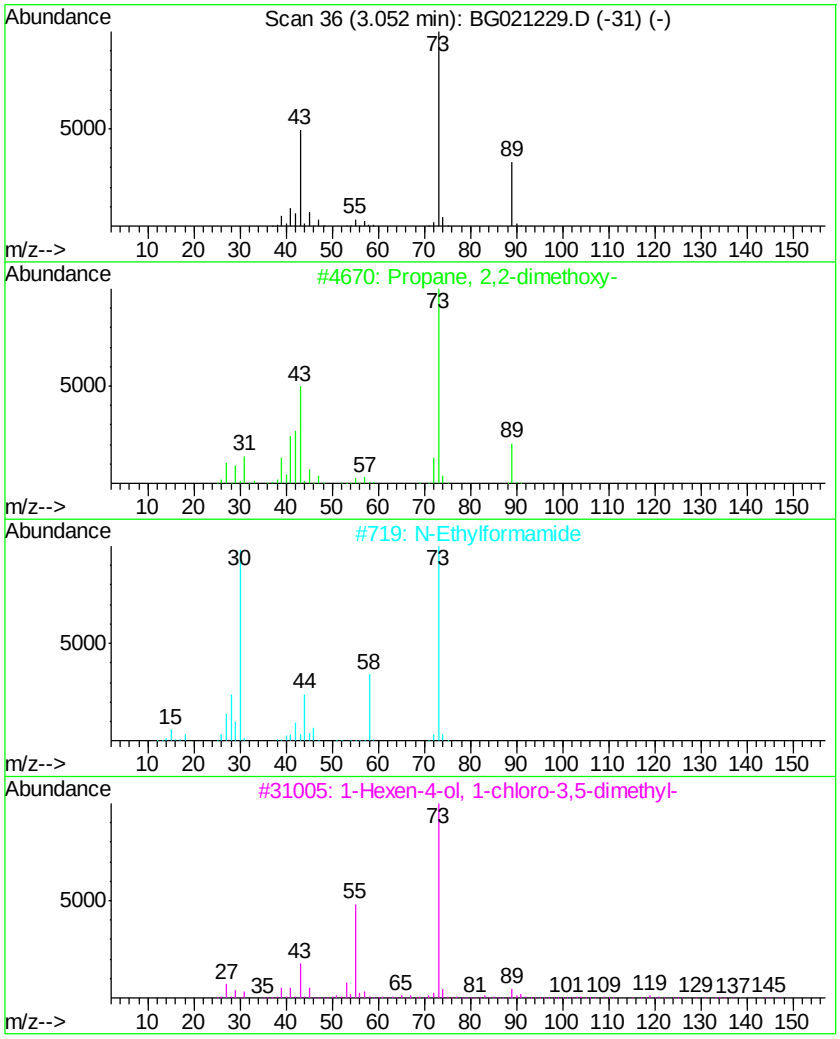
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

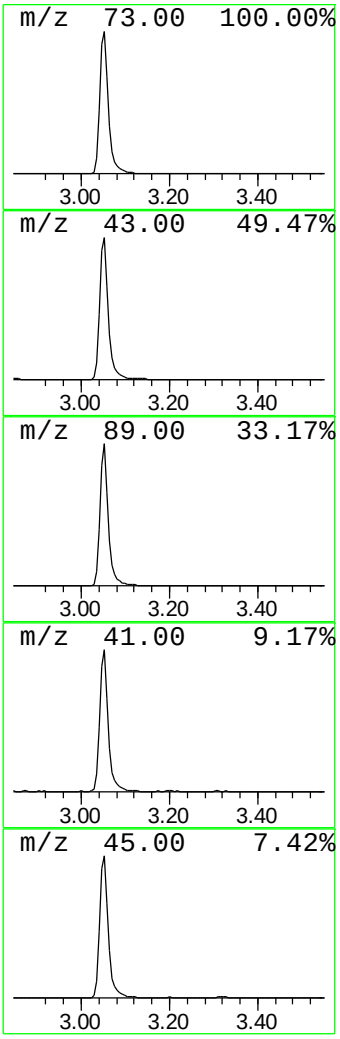
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	364.30 ng	1214380	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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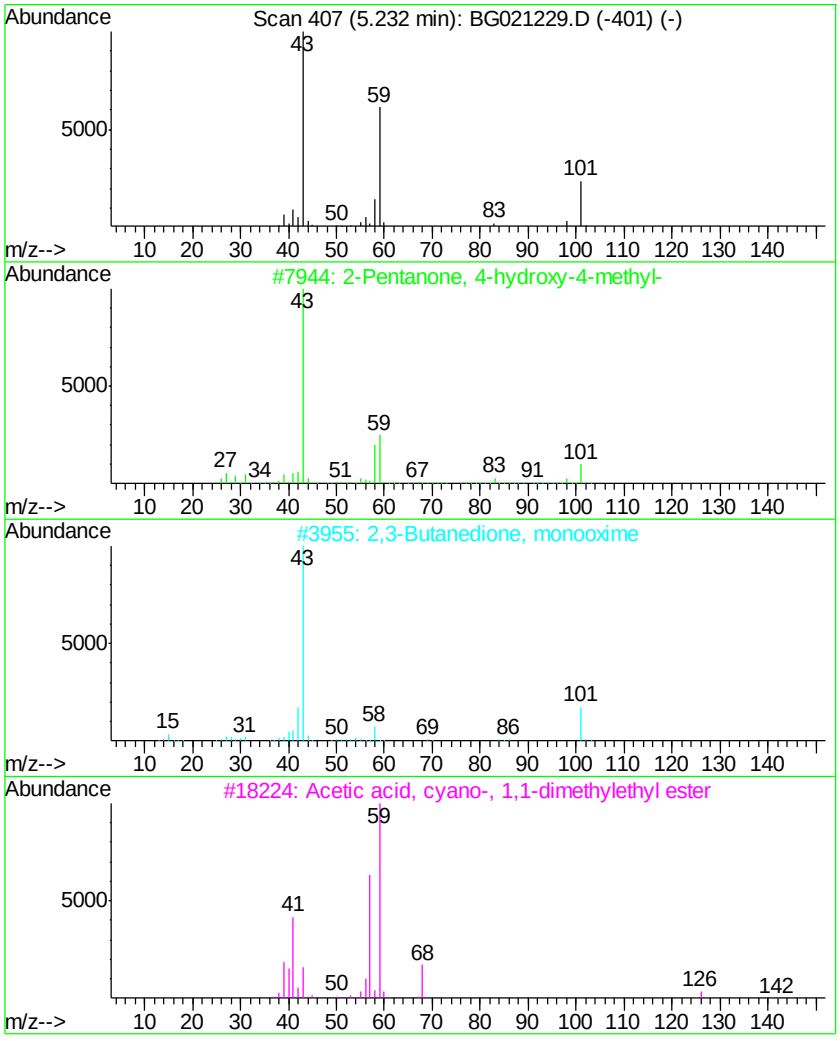
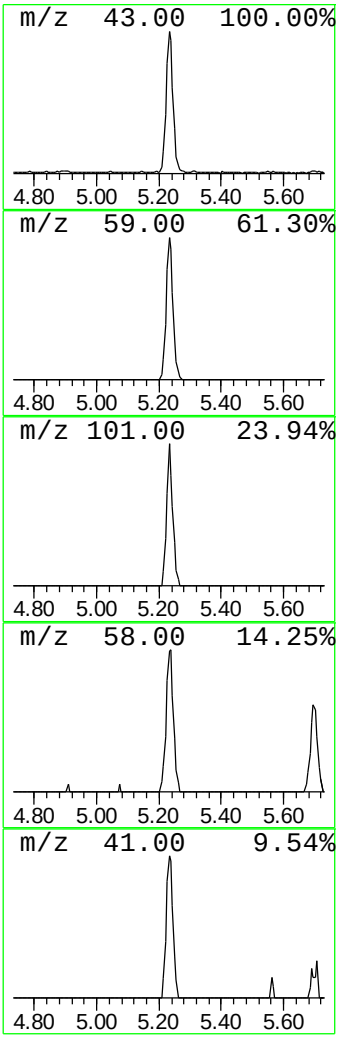
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	24.09 ng	80297	1,4-Dichlorobenzene-d4	8.14

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	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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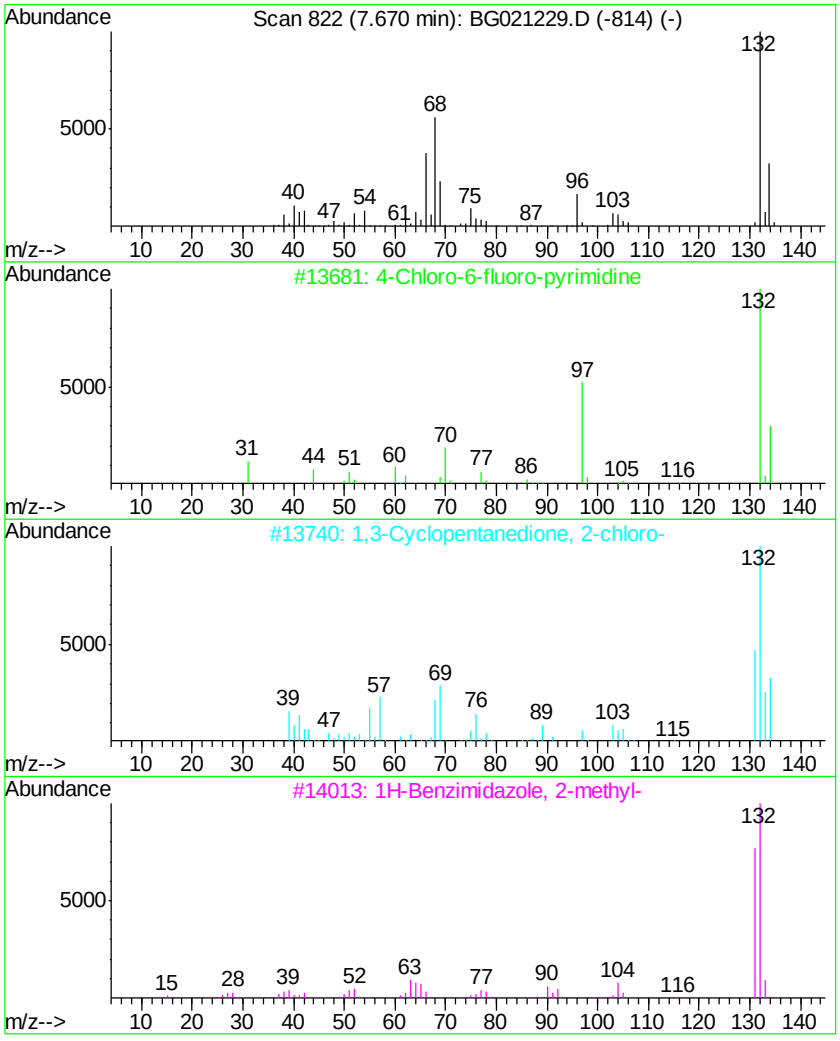
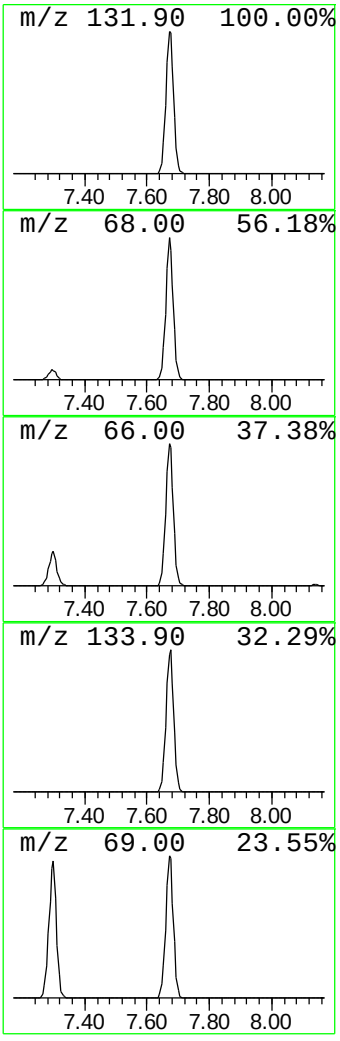
Peak Number 3 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	143.91 ng	479726	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

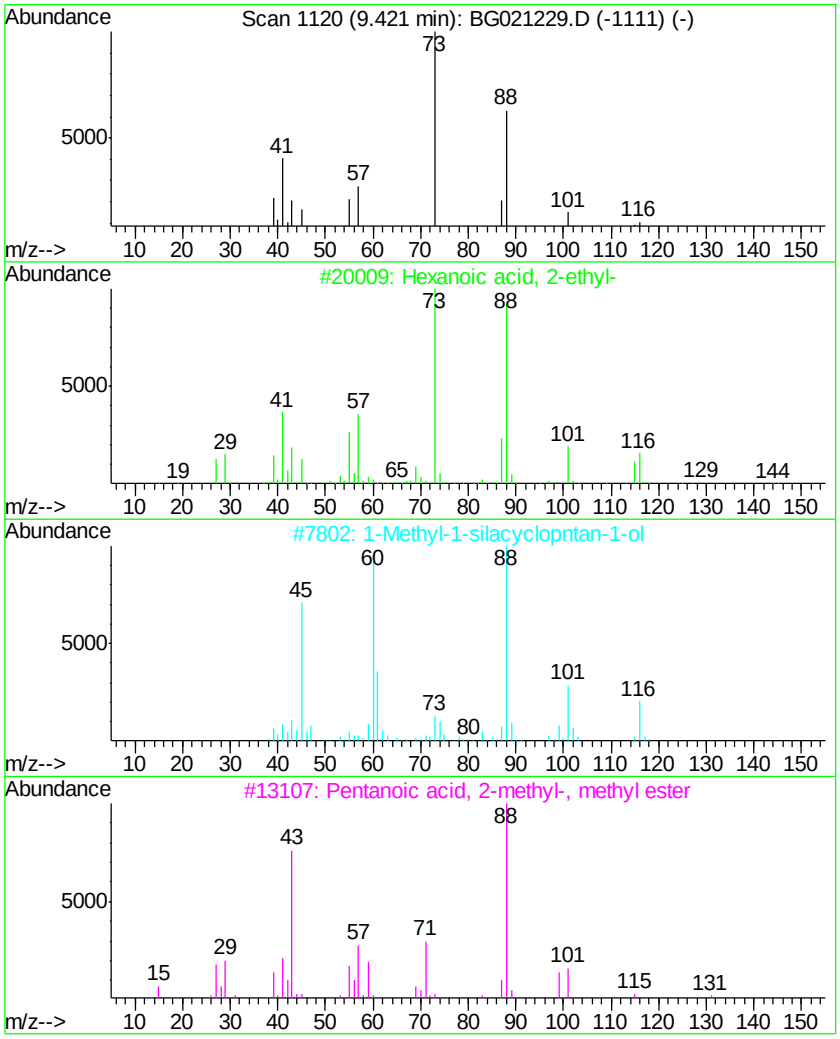
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

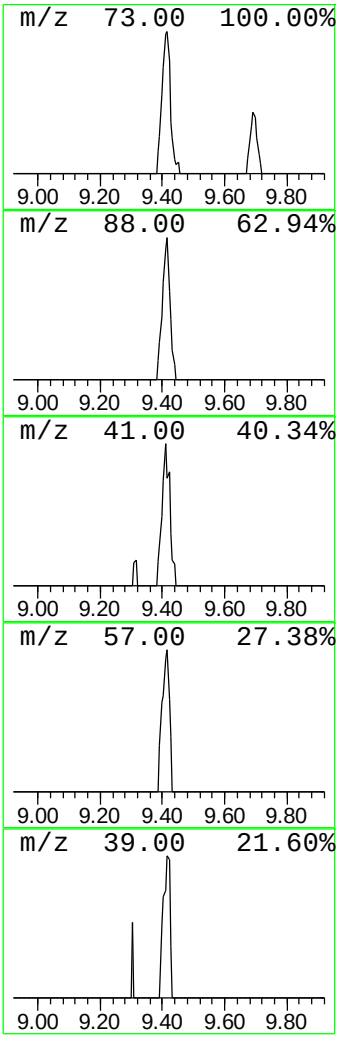
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.32 ng	17728	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	9
3	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	9
4	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	9
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	9





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Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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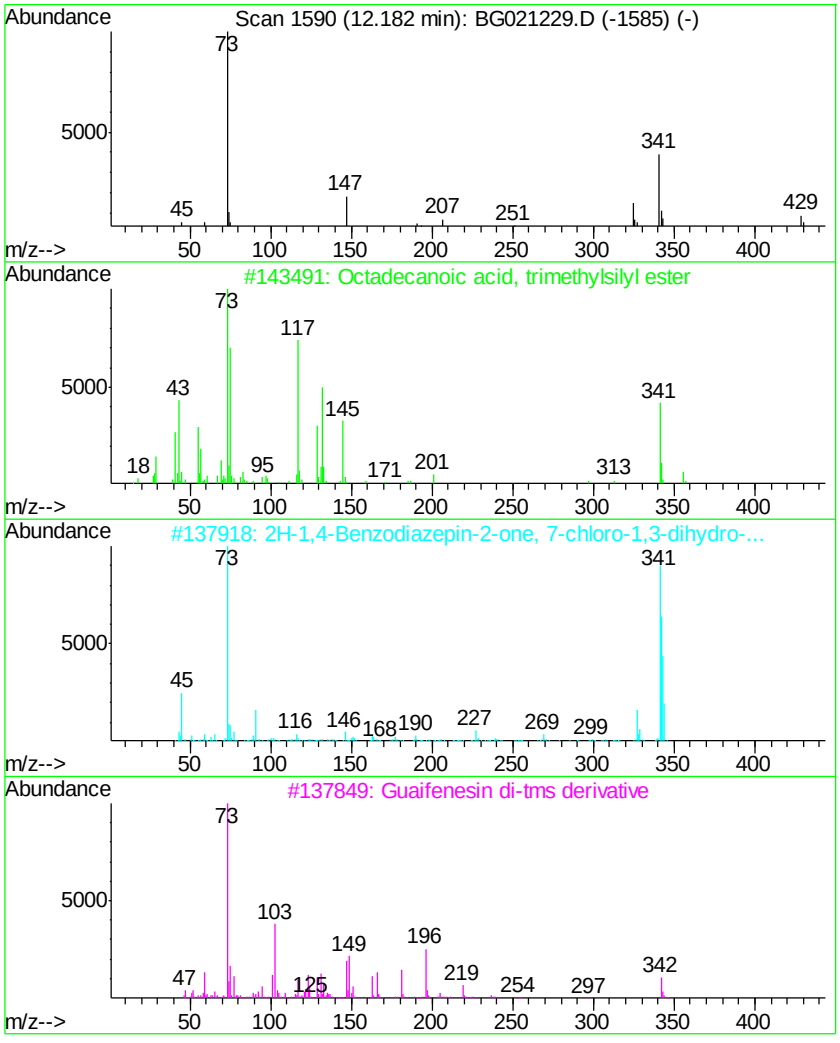
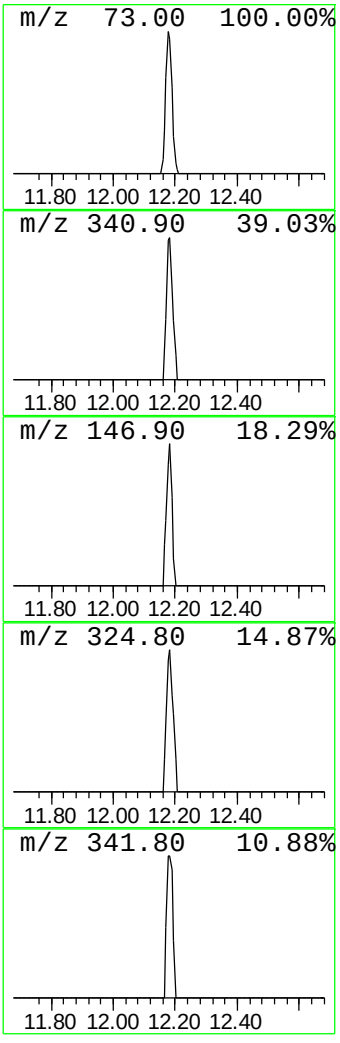
****

Peak Number 6 unknown12.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.94 ng	17037	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, trimethylsilv...	356	C21H44O2Si	018748-91-9	28
2	2H-1,4-Benzodiazepin-2-one, 7-ch...	342	C18H19ClN2OSi	055299-24-6	9
3	Guaifenesin di-tms derivative	342	C16H30O4Si2	107966-19-8	9
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	9
5	Cyclopentane-1R,2-trans-dicarbox...	326	C17H30O4Si	1000153-96-2	7





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Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

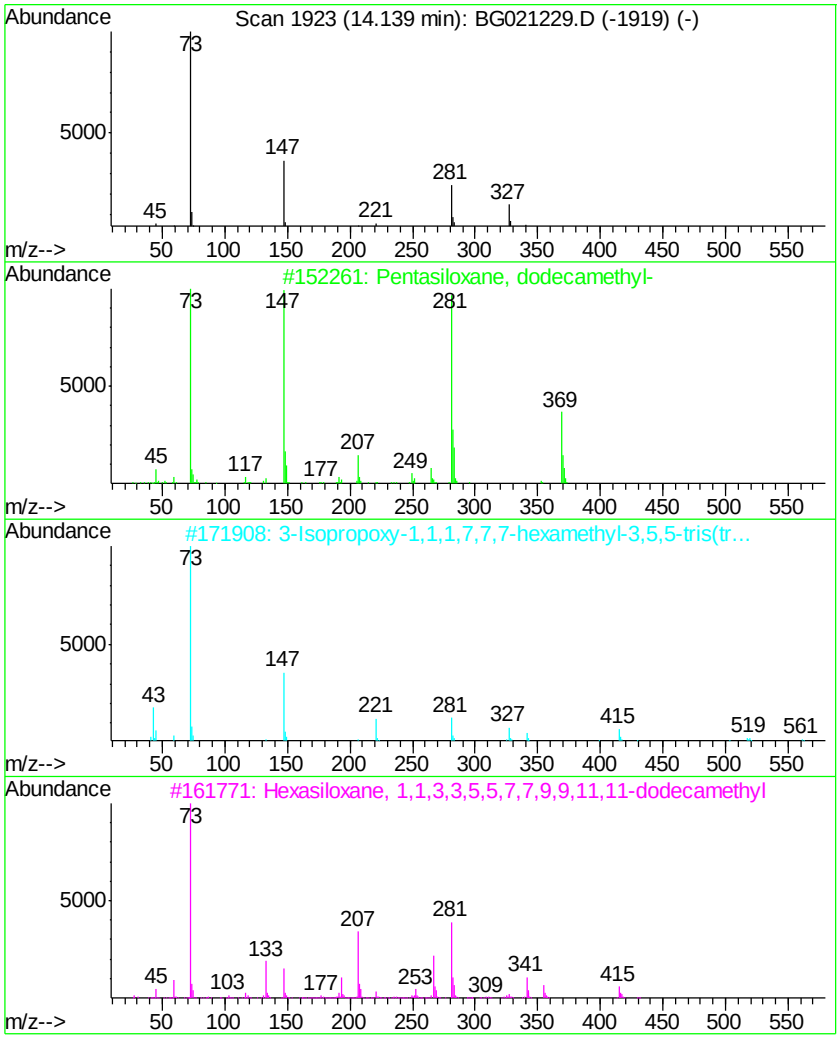
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

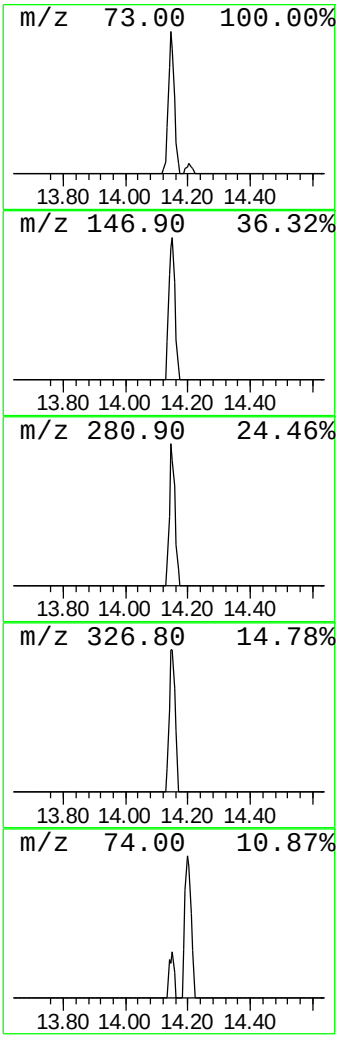
****

Peak Number 7 unknown14.14 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	2.53 ng	20220	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	47
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	43
3	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	28
4	4-Amino-5-imidazole carboxamide,...	342	C13H30N4OSi3	1000079-30-4	16
5	Heptadecanoic acid, trimethylsil...	342	C20H42O2Si	055517-58-3	9





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Sample : H1640-06
Misc :
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Instrument : BNA_G
ClientSampleId : NORTH-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

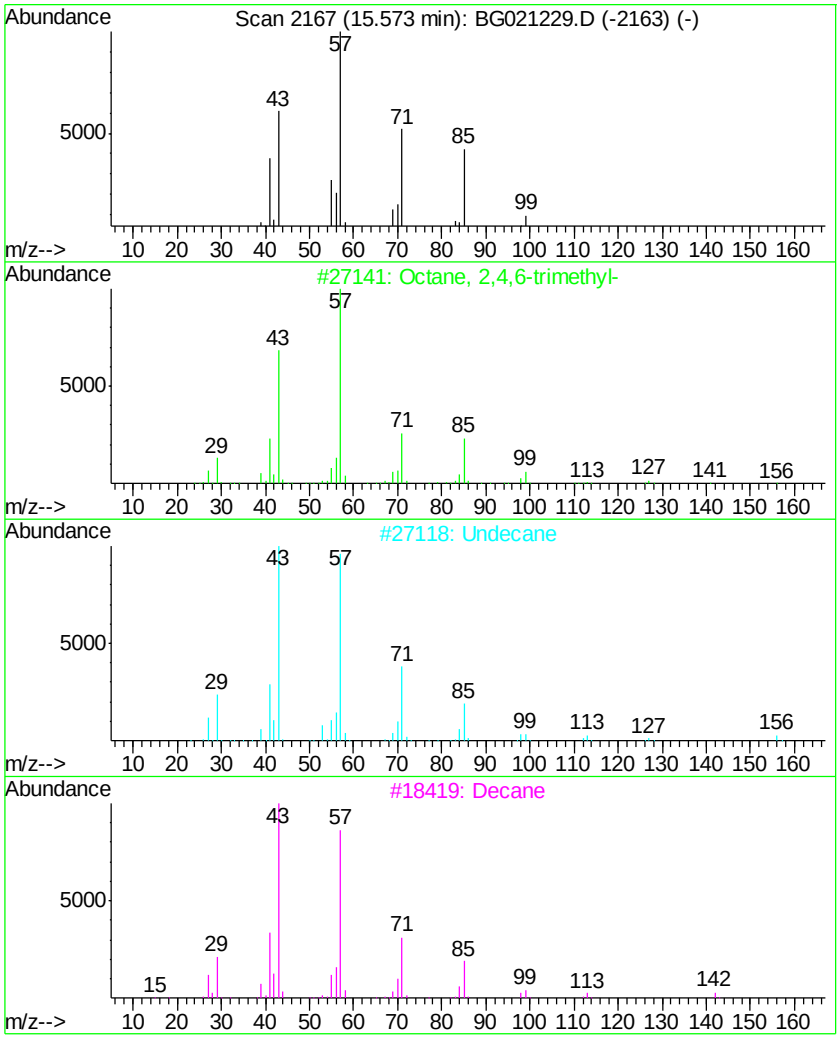
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

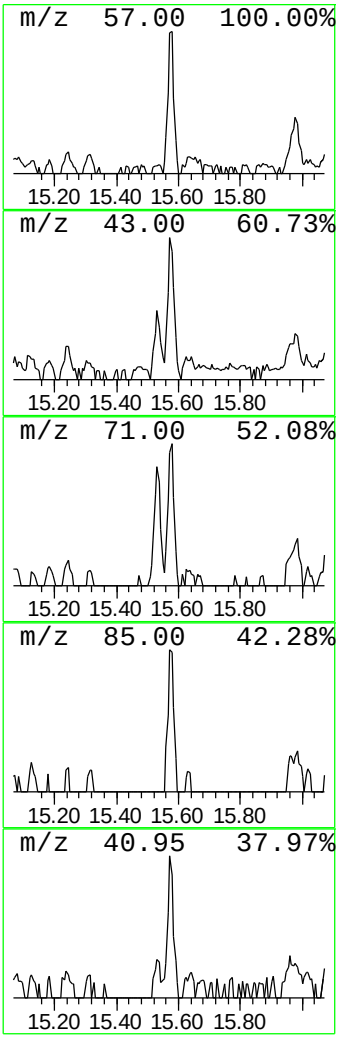
****

Peak Number 8 Octane, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.54 ng	20306	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
2	Undecane	156	C11H24	001120-21-4	56
3	Decane	142	C10H22	000124-18-5	56
4	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
5	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NORTH-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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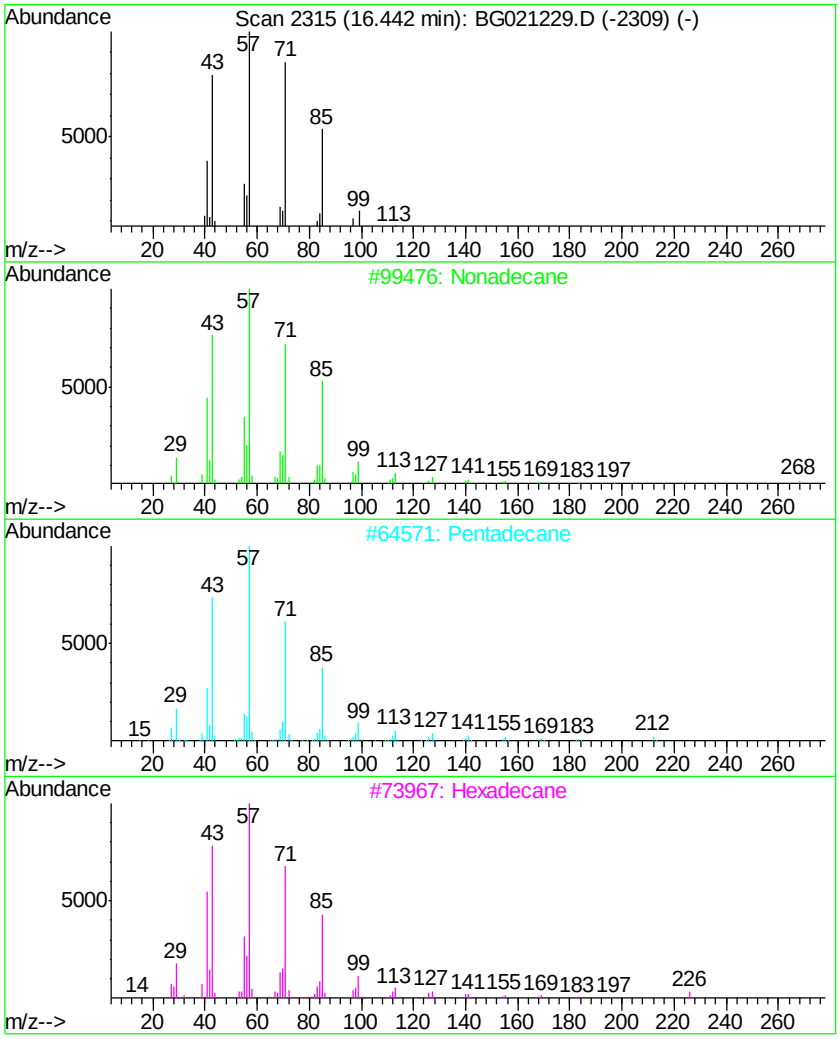
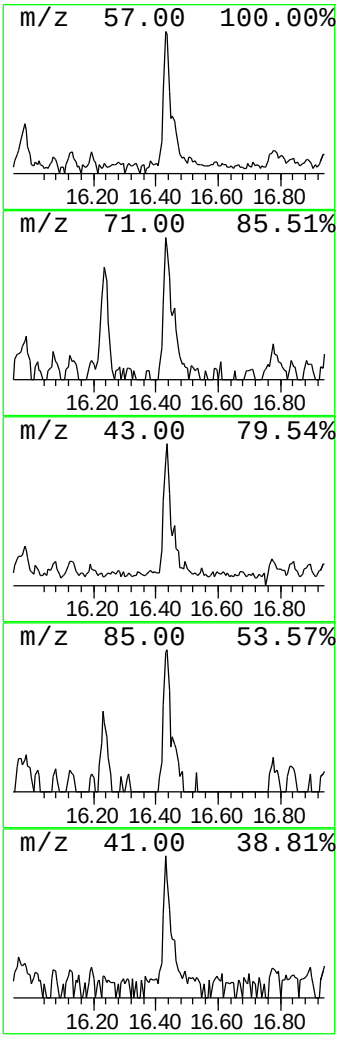
Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.55 ng	22877	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030216\
Data File : BG021229.D
Acq On : 3 Mar 2016 2:14
Operator : UM/SJ
Sample : H1640-06
Misc :
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Instrument : BNA_G
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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
Propane, 2,2-dime...	3.05	364.3	ng	1214380	1	8.14	66670	20.0
2-Pentanone, 4-hy...	5.23	24.1	ng	80297	1	8.14	66670	20.0
unknown7.67	7.67	143.9	ng	479726	1	8.14	66670	20.0
Hexanoic acid, 2-...	9.42	5.3	ng	17728	1	8.14	66670	20.0
unknown12.18	12.18	2.9	ng	17037	2	10.95	115899	20.0
unknown14.14	14.14	2.5	ng	20220	3	14.76	160081	20.0
Octane, 2,4,6-tri...	15.57	2.5	ng	20306	3	14.76	160081	20.0
Nonadecane	16.44	2.5	ng	22877	4	17.49	179591	20.0