LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021231.D
Acq On : 3 Mar 2016 3:32
Operator : UM/SJ
Sample : H1640-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-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	2.903	6	11	26	rVB	18109	43242	2.84%	0.599%
2	3.050	31	36	55	rVV	1162843	1522012	100.00%	21.092%
3	3.196	56	61	70	rVB2	11919	22654	1.49%	0.314%
4	5.235	401	408	414	rBV	55517	84678	5.56%	1.173%
5	5.699	480	487	499	rBV	268778	430120	28.26%	5.961%
6	7.298	751	759	770	rVB	305501	524094	34.43%	7.263%
7	7.674	815	823	834	rVB	293609	498928	32.78%	6.914%
8	8.138	896	902	909	rBB	42813	68943	4.53%	0.955%
9	8.467	950	958	966	rVB	193210	331744	21.80%	4.597%
10	9.307	1093	1101	1113	rBB	196582	346657	22.78%	4.804%
11	10.952	1373	1381	1389	rBB	67714	118319	7.77%	1.640%
12	13.379	1787	1794	1803	rBB	507273	774071	50.86%	10.727%
13	14.201	1928	1934	1941	rBV	82658	118217	7.77%	1.638%
14	14.753	2022	2028	2035	rVB2	101727	162803	10.70%	2.256%
15	16.234	2274	2280	2289	rVB2	378353	559597	36.77%	7.755%
16	16.434	2309	2314	2325	rBV	13008	21684	1.42%	0.301%
17	17.491	2488	2494	2499	rBV	121086	181158	11.90%	2.511%
18	18.355	2637	2641	2651	rBV	13616	23035	1.51%	0.319%
19	20.083	2929	2935	2941	rBV	747468	962905	63.27%	13.344%
20	21.375	3151	3155	3159	rBV5	10495	18211	1.20%	0.252%
21	21.757	3214	3220	3227	rVB	126608	211494	13.90%	2.931%
22	25.030	3770	3777	3790	rVB3	67283	191327	12.57%	2.651%

Sum of corrected areas: 7215893

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021231.D
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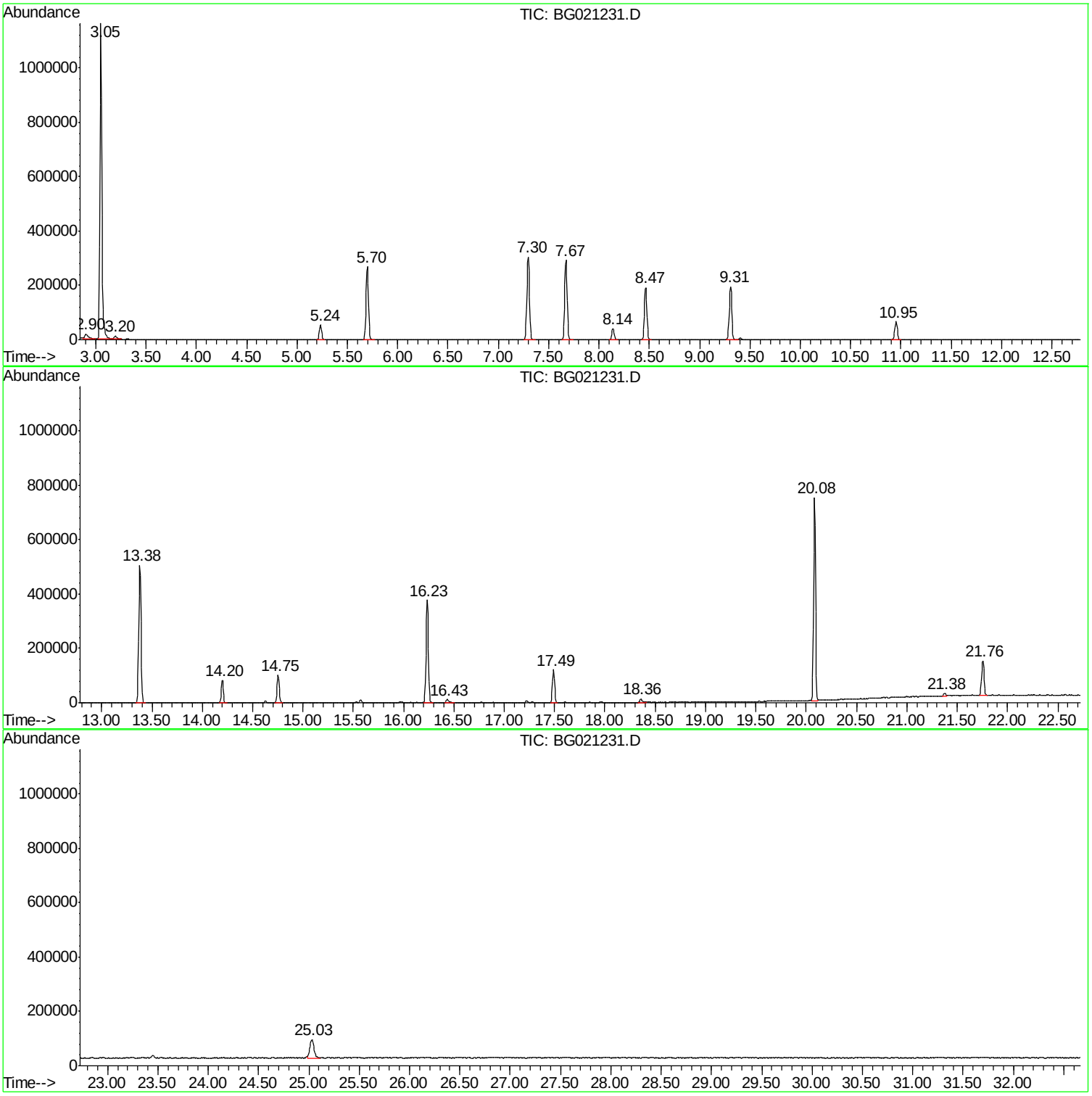
Operator : UM/SJ
Sample : H1640-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-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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Data File : BG021231.D
Acq On : 3 Mar 2016 3:32
Operator : UM/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

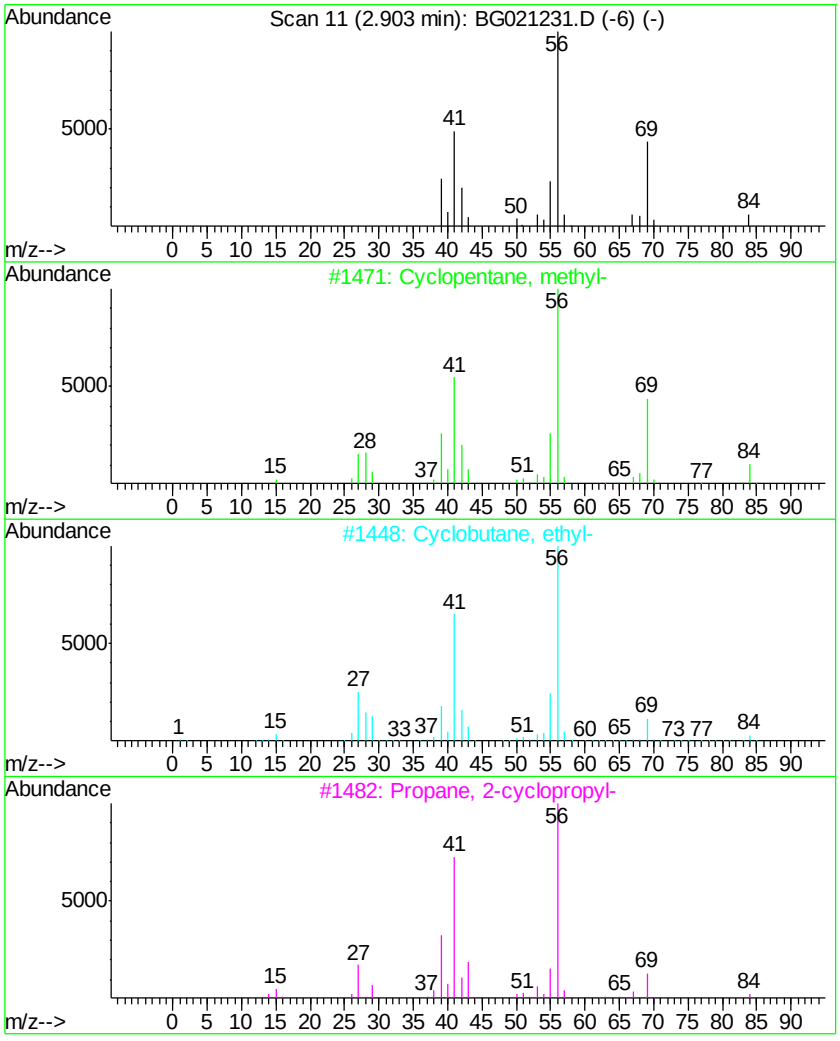
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

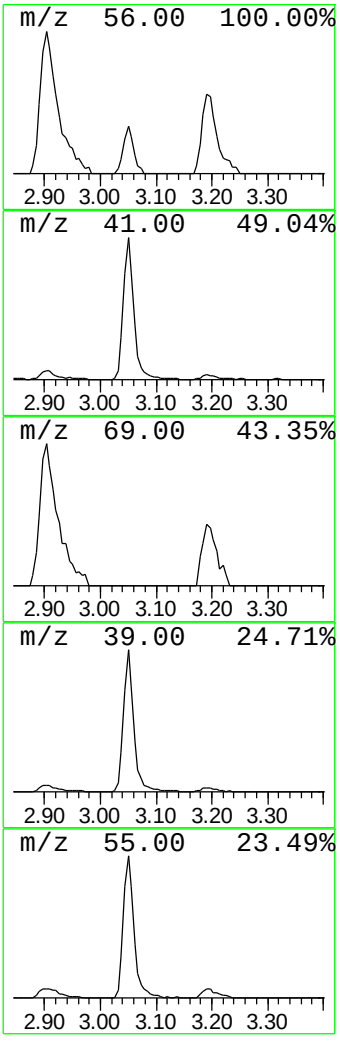
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	12.54 ng	43242	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	45
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021231.D
Acq On : 3 Mar 2016 3:32
Operator : UM/SJ
Sample : H1640-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-2

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

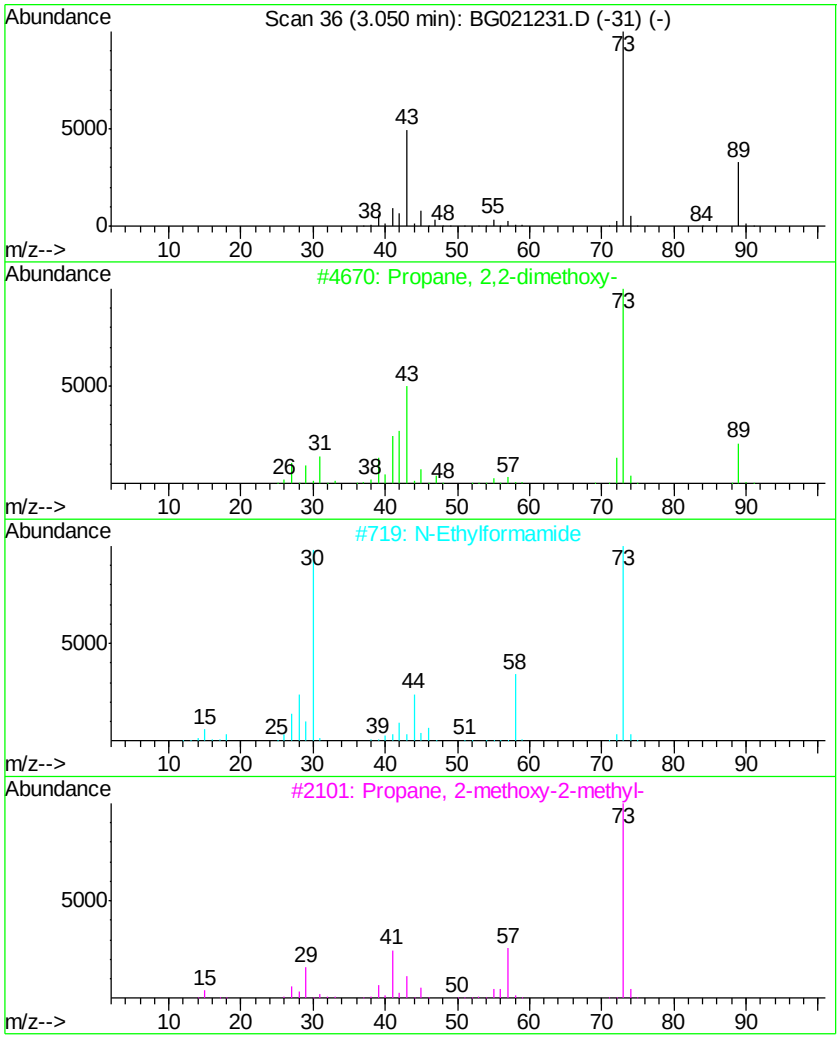
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

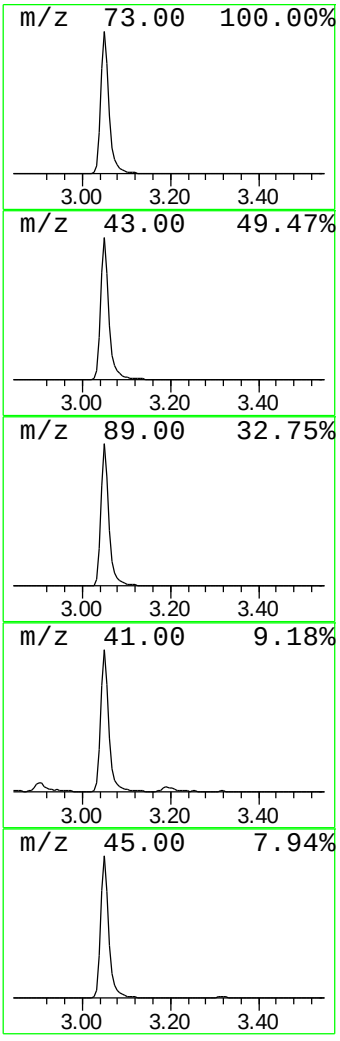
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	441.53 ng	1522010	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	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021231.D
Acq On : 3 Mar 2016 3:32
Operator : UM/SJ
Sample : H1640-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-2

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

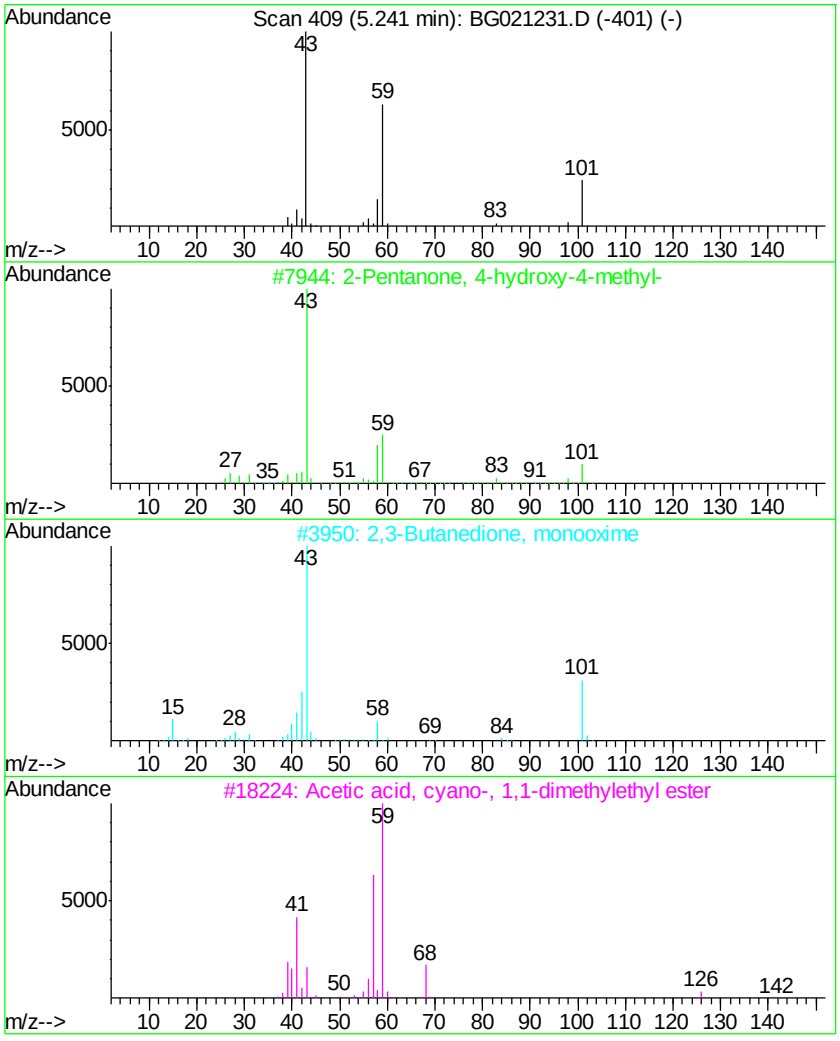
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

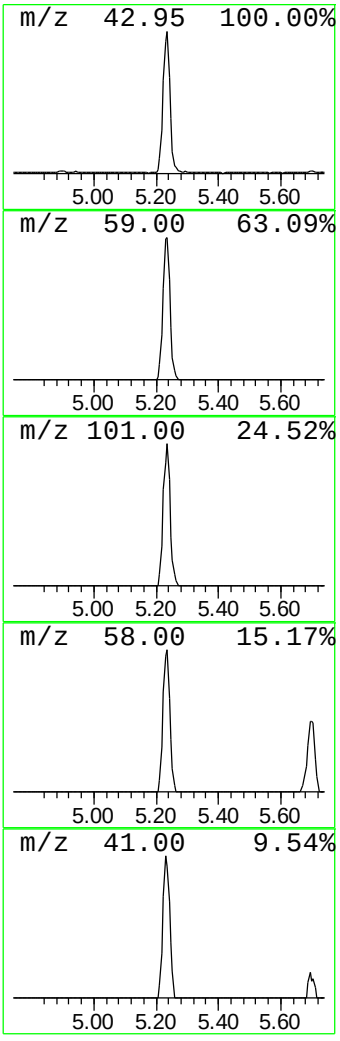
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	24.56 ng	84678	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	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021231.D
Acq On : 3 Mar 2016 3:32
Operator : UM/SJ
Sample : H1640-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-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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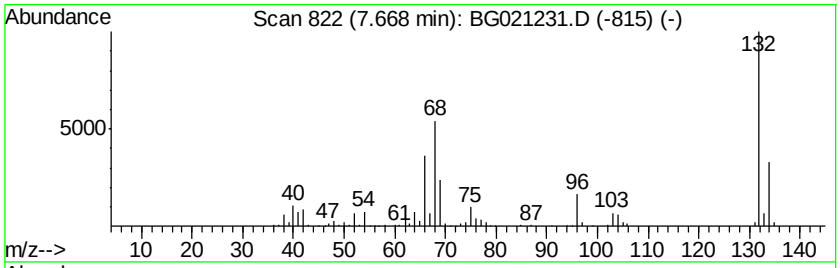
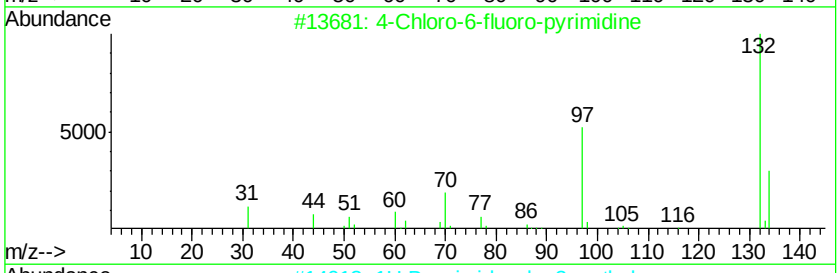
****

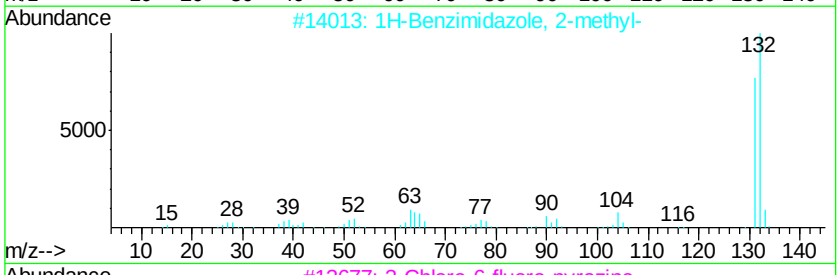
Peak Number 5 unknown7.67 Concentration Rank 2

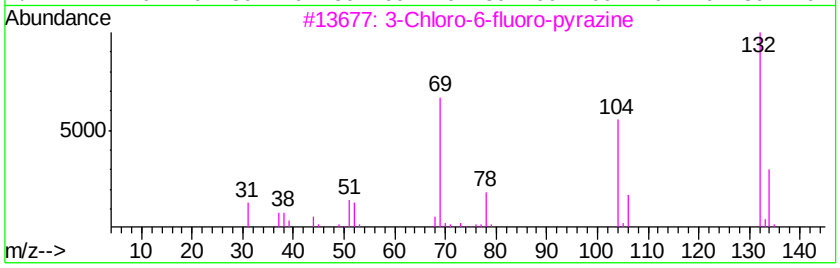
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	144.74 ng	498928	1,4-Dichlorobenzene-d4	8.14

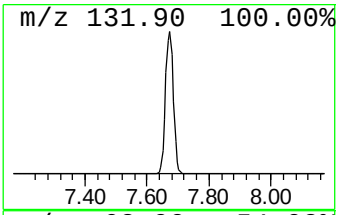
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12

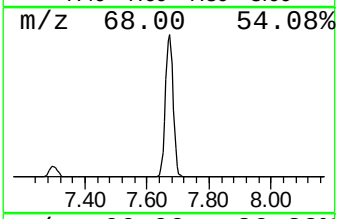


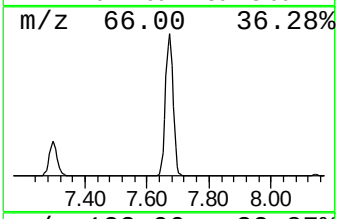


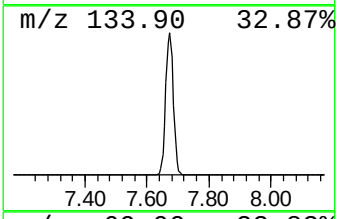


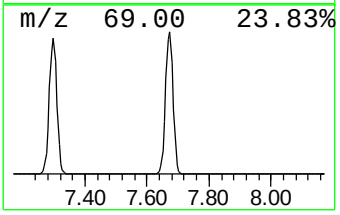












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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

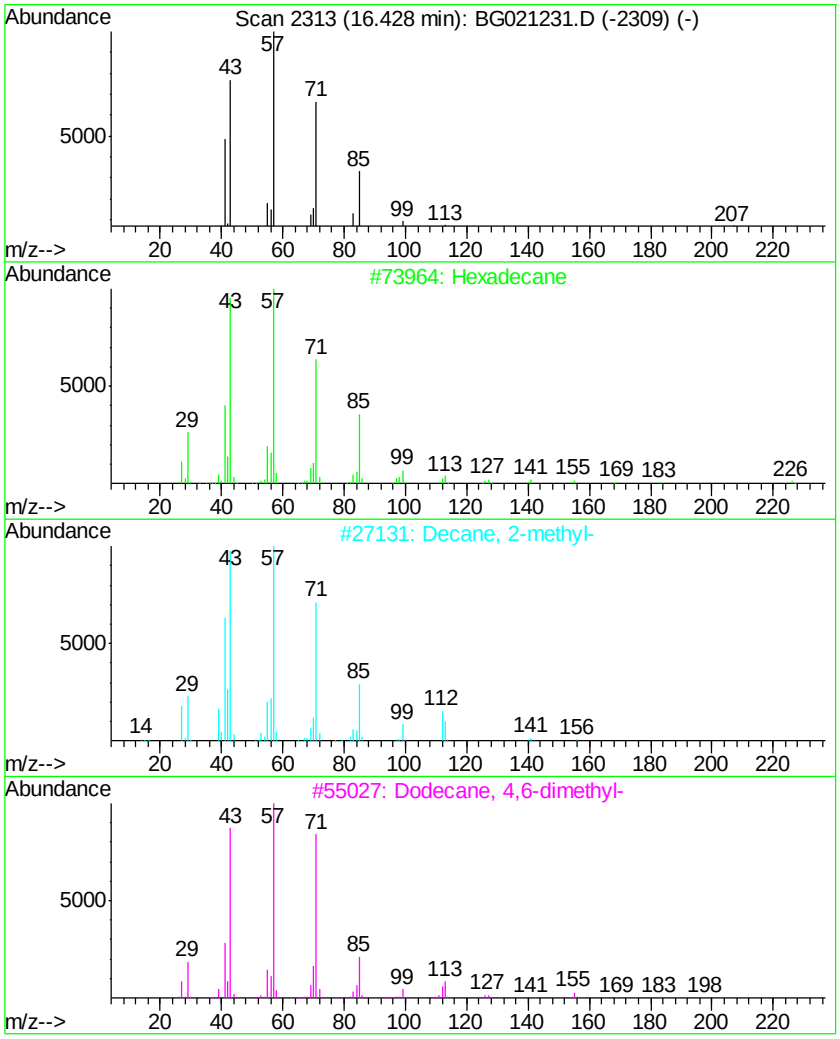
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

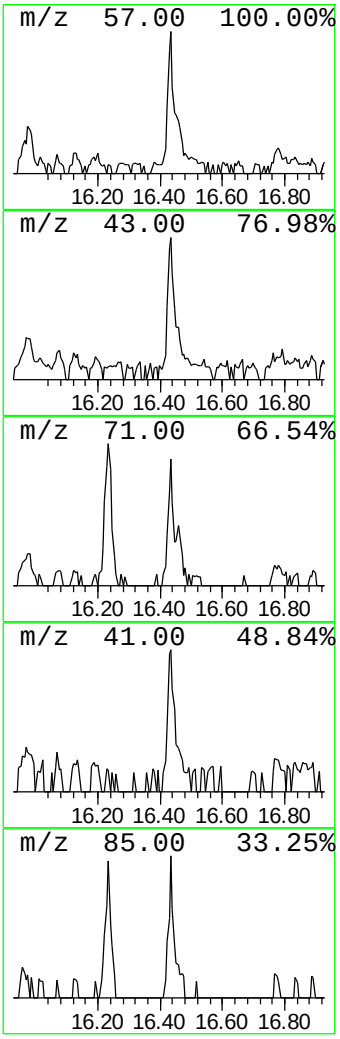
****

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.39 ng	21684	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
5	Tetradecane	198	C14H30	000629-59-4	53





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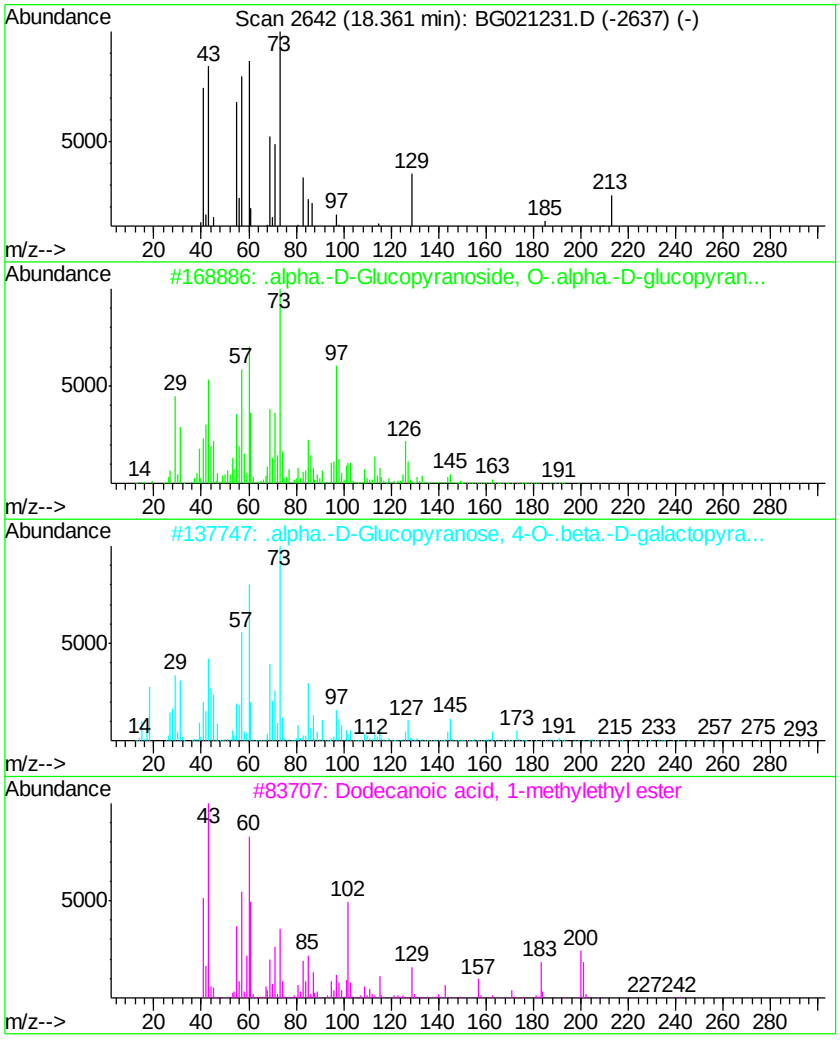
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

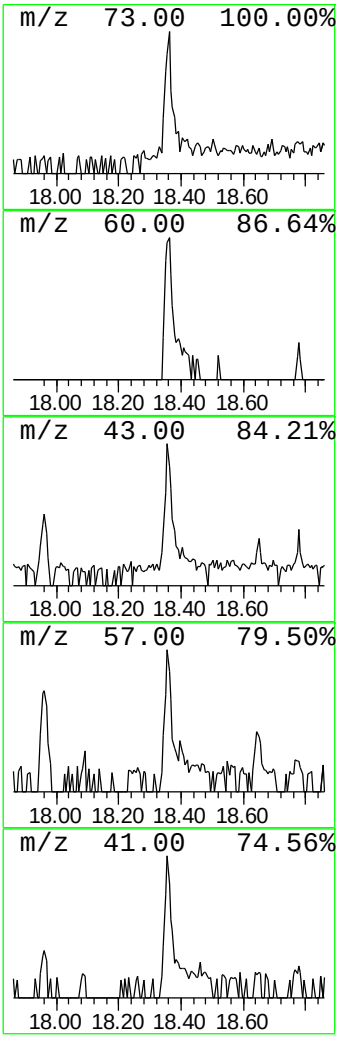
****

Peak Number 8 unknown18.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.54 ng	23035	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	35
2	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	27
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	25
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	10
5	Hexatriacontane	507	C36H74	000630-06-8	10





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, met...	2.90	12.5	ng	43242	1	8.14	68943	20.0
Propane, 2,2-dime...	3.05	441.5	ng	1522010	1	8.14	68943	20.0
2-Pentanone, 4-hy...	5.24	24.6	ng	84678	1	8.14	68943	20.0
unknown7.67	7.67	144.7	ng	498928	1	8.14	68943	20.0
Hexadecane	16.43	2.4	ng	21684	4	17.49	181158	20.0
unknown18.36	18.36	2.5	ng	23035	4	17.49	181158	20.0