LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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	2.902	8	11	22	rVB3	9335	19221	1.42%	0.286%
2	3.049	31	36	56	rVV	1021636	1357535	100.00%	20.180%
3	3.190	56	60	68	rVB3	7526	14234	1.05%	0.212%
4	5.234	402	408	415	rBV	50706	76667	5.65%	1.140%
5	5.699	480	487	497	rBV	250755	393236	28.97%	5.845%
6	7.297	751	759	769	rBV	280435	481000	35.43%	7.150%
7	7.673	815	823	832	rVB	270045	455541	33.56%	6.772%
8	8.137	896	902	908	rVB	39482	64266	4.73%	0.955%
9	8.466	950	958	964	rBV	172313	306663	22.59%	4.559%
10	9.306	1093	1101	1112	rVV	180937	315138	23.21%	4.685%
11	9.412	1112	1119	1126	rVB2	9246	15158	1.12%	0.225%
12	10.951	1373	1381	1387	rBV	64562	110989	8.18%	1.650%
13	13.378	1787	1794	1802	rBV	458746	690139	50.84%	10.259%
14	14.195	1928	1933	1940	rBV	78623	115072	8.48%	1.711%
15	14.753	2021	2028	2035	rVB2	96688	152332	11.22%	2.264%
16	15.575	2164	2168	2172	rVB	15983	19956	1.47%	0.297%
17	16.233	2274	2280	2288	rVB2	350149	512184	37.73%	7.614%
18	16.433	2309	2314	2317	rBV	16457	23810	1.75%	0.354%
19	17.220	2443	2448	2453	rBV	12163	14943	1.10%	0.222%
20	17.491	2487	2494	2499	rBV	114471	174816	12.88%	2.599%
21	17.843	2548	2554	2559	rBV	34125	47666	3.51%	0.709%
22	19.206	2781	2786	2793	rBV3	9971	15923	1.17%	0.237%
23	20.082	2929	2935	2940	rBV	746844	916806	67.53%	13.628%
24	21.374	3151	3155	3161	rBV7	12704	18630	1.37%	0.277%
25	21.750	3213	3219	3227	rVB	119621	200876	14.80%	2.986%
26	23.448	3503	3508	3514	rVB	25067	46859	3.45%	0.697%
27	25.029	3769	3777	3786	rVB2	63373	167498	12.34%	2.490%

Sum of corrected areas: 6727158

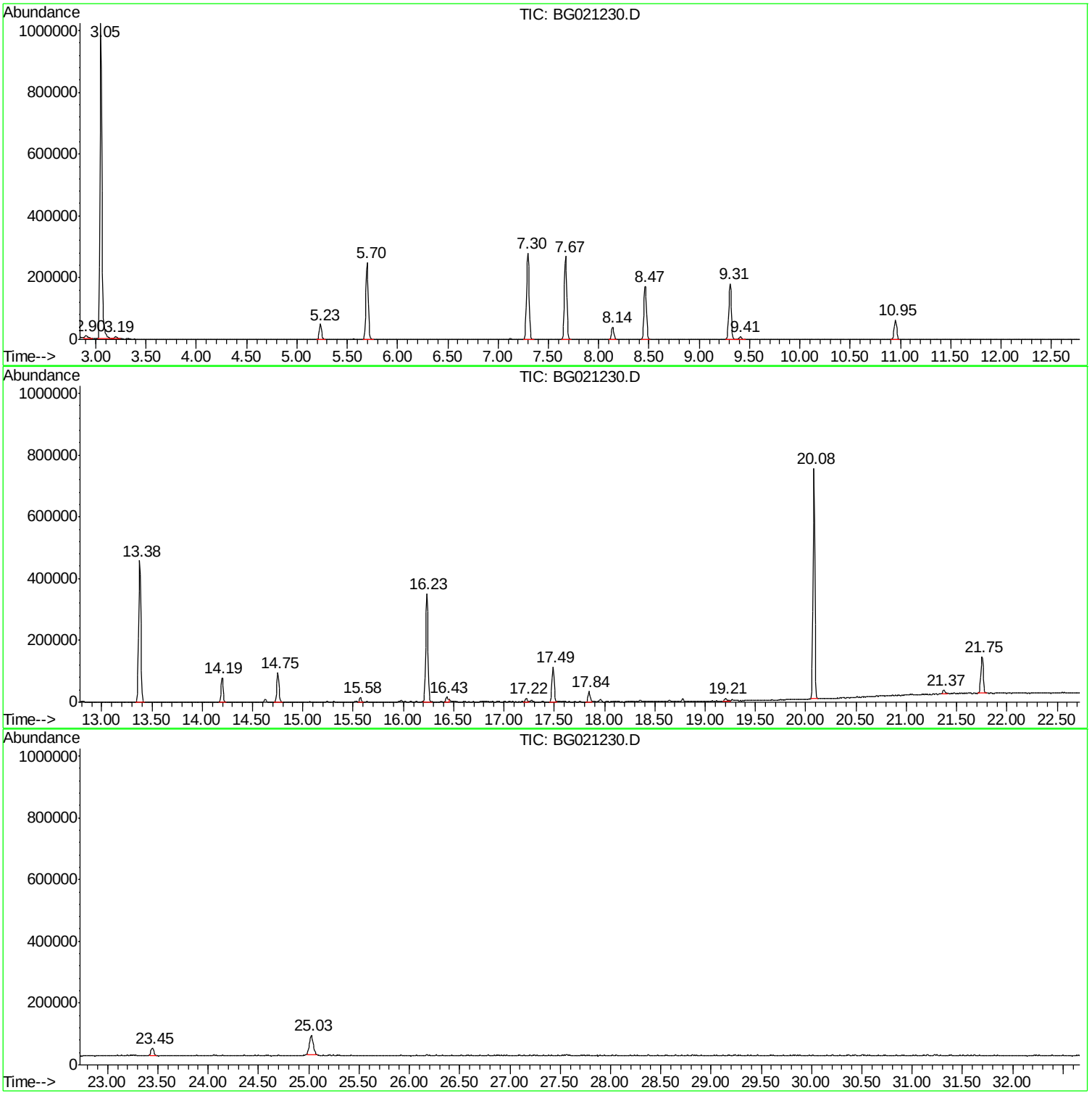
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

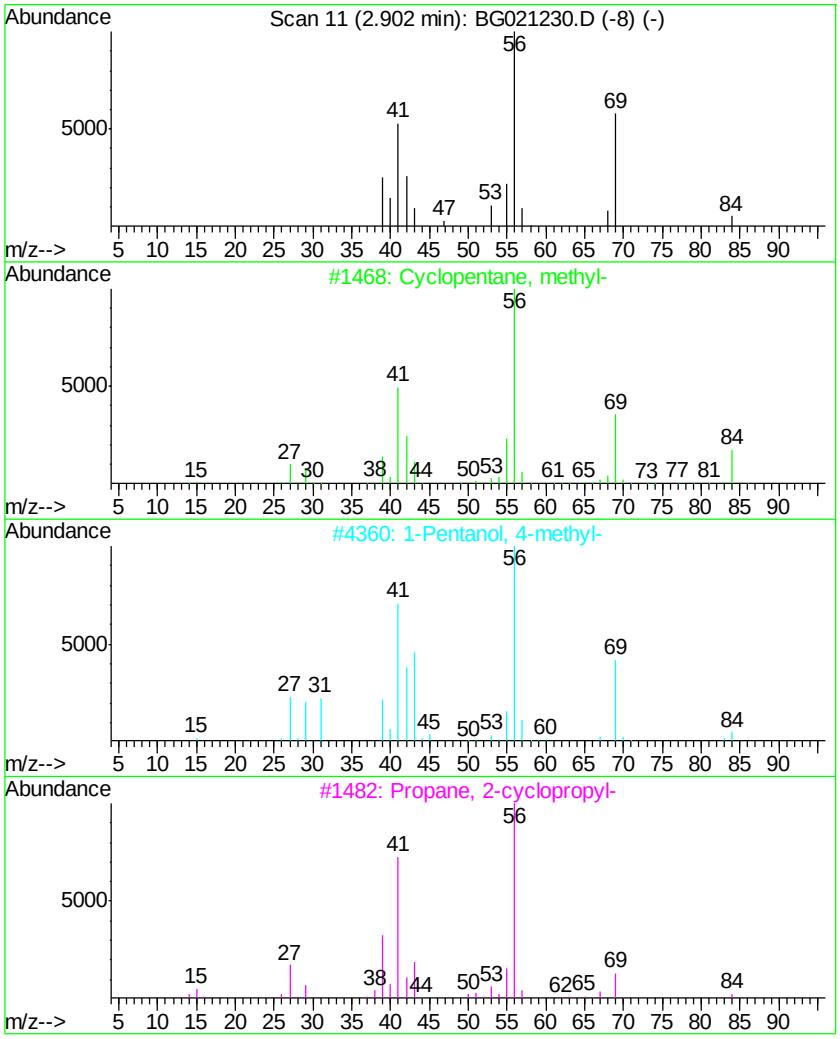
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

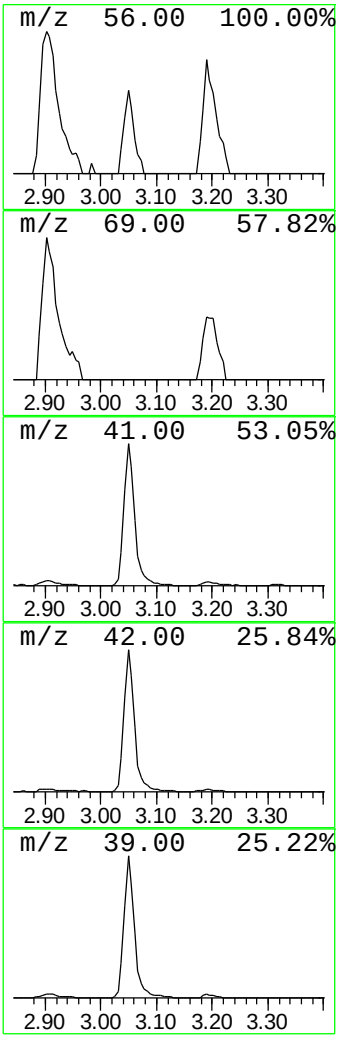
****

Peak Number 1 unknown2.90 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	5.98 ng	19221	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	40
2	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	39
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	9
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	9
5	1-Pentene, 5-nitro-	115	C5H9NO2	023542-51-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

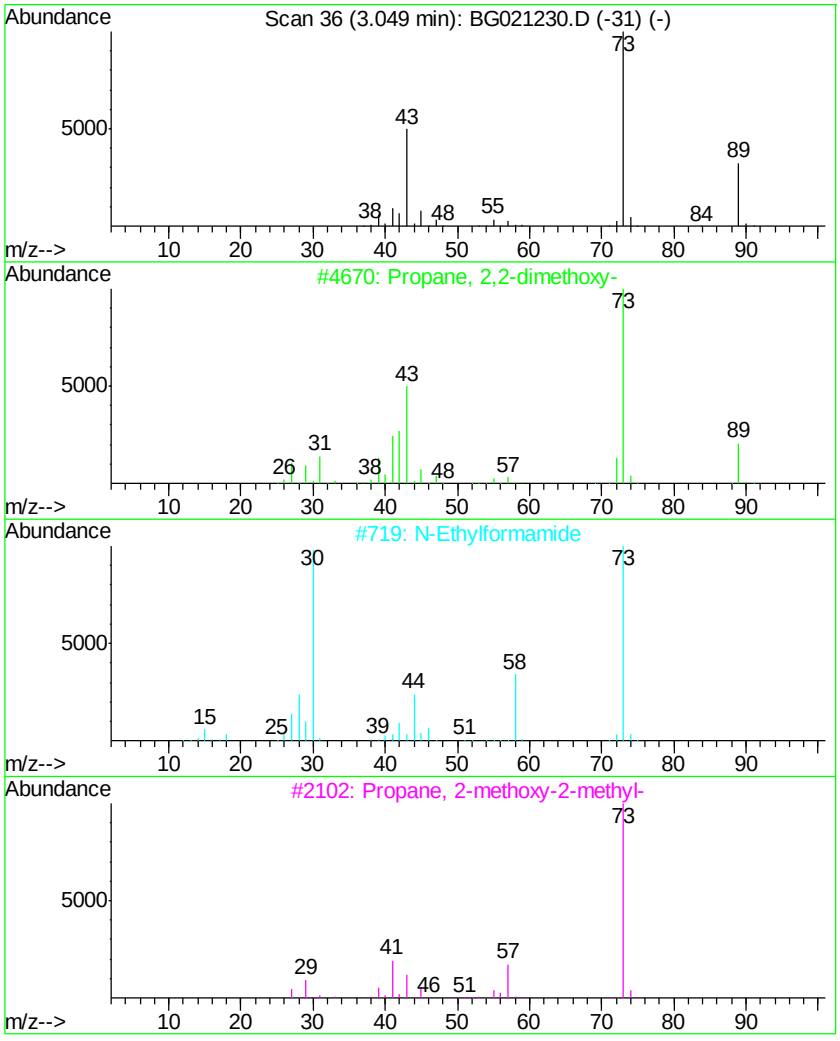
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

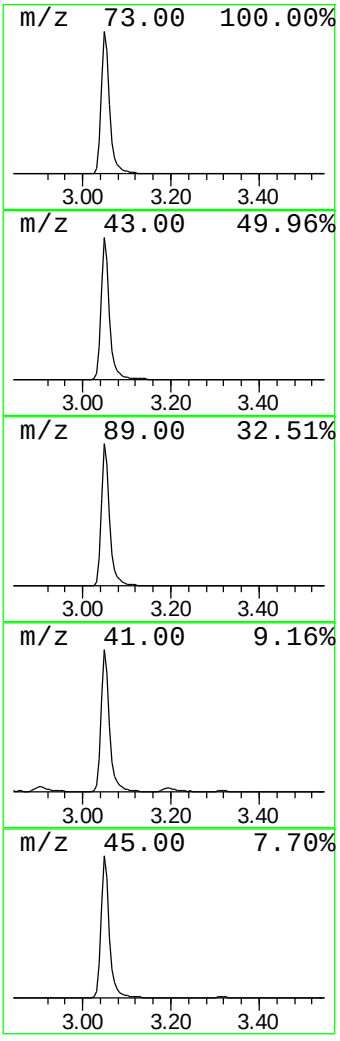
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	422.47 ng	1357540	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	50
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 : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

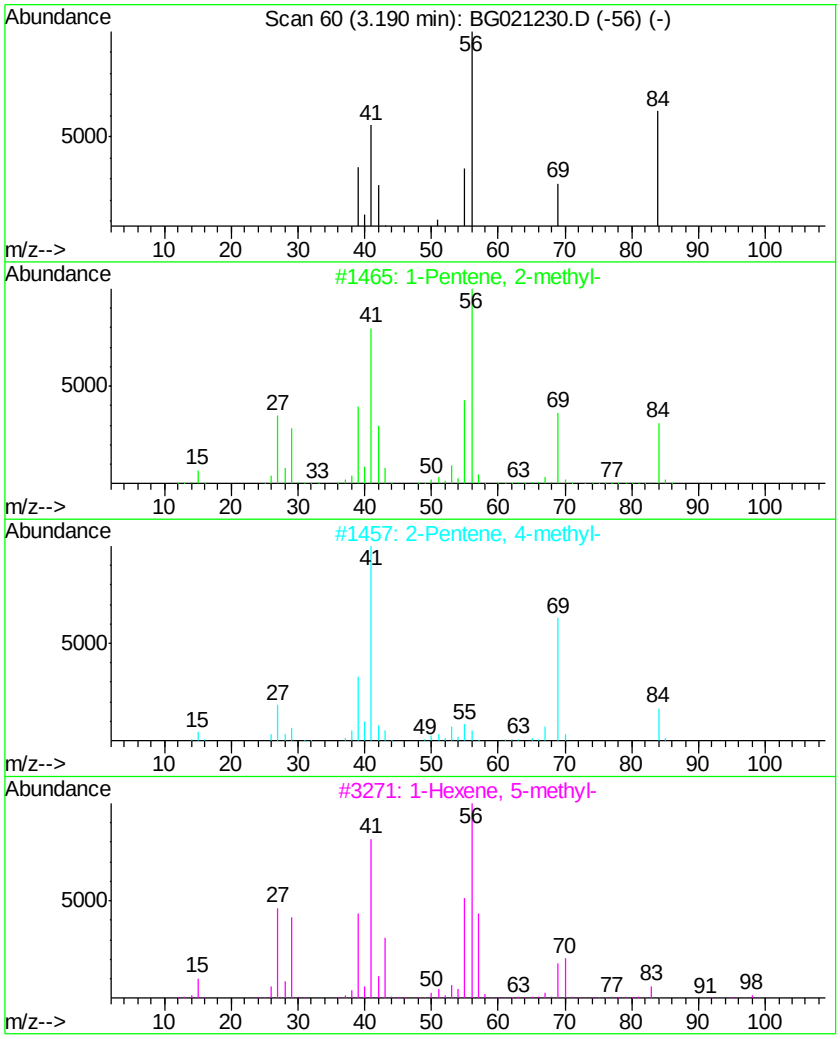
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

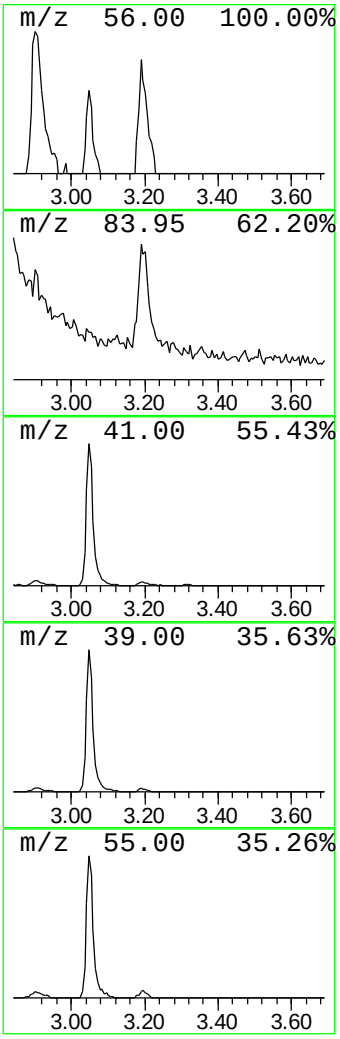
****

Peak Number 3 1-Pentene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	4.43 ng	14234	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	9
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	9
4	1-Hexanol	102	C6H14O	000111-27-3	9
5	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

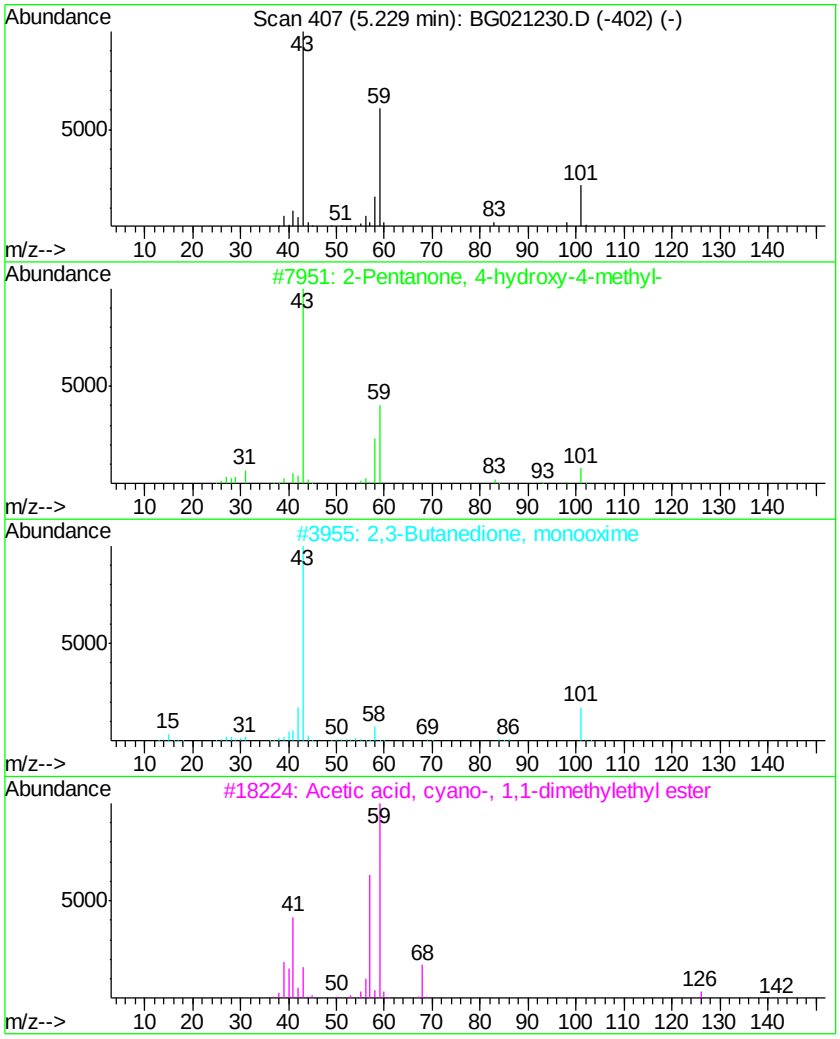
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

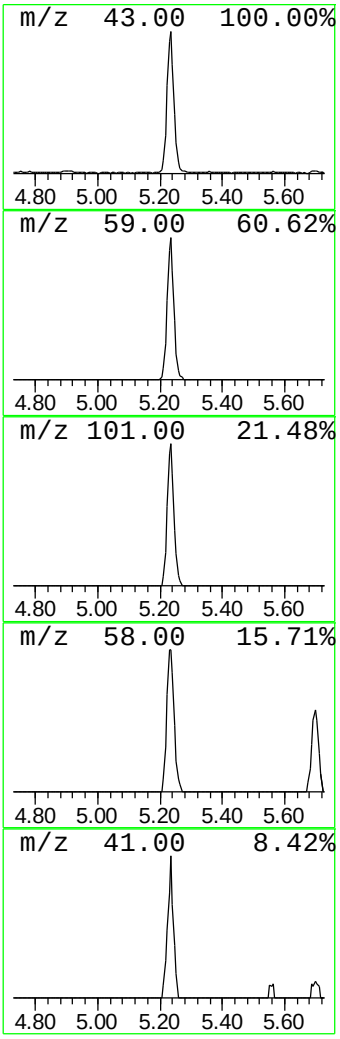
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	23.86 ng	76667	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	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

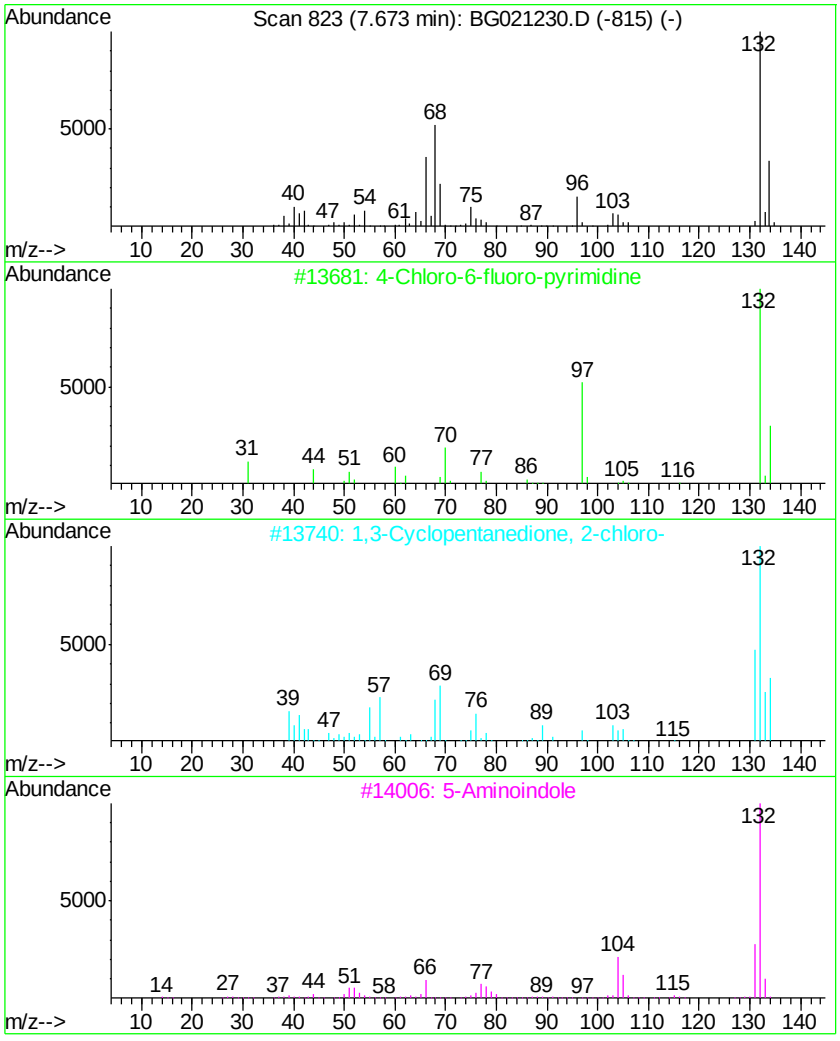
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

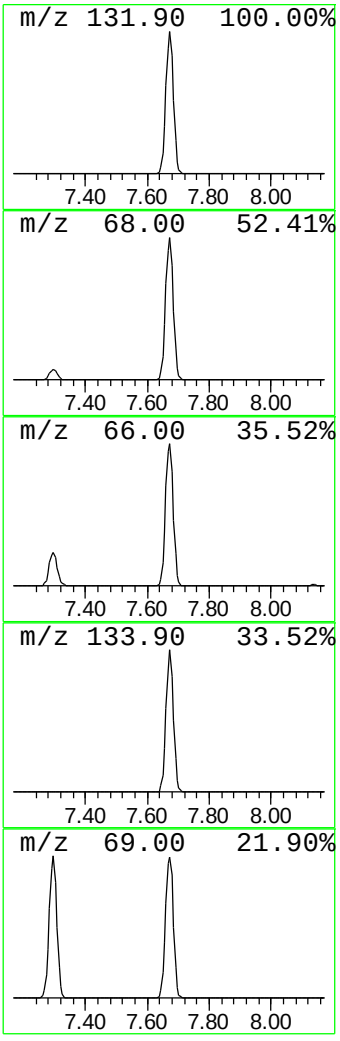
****

Peak Number 5 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	141.77 ng	455541	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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

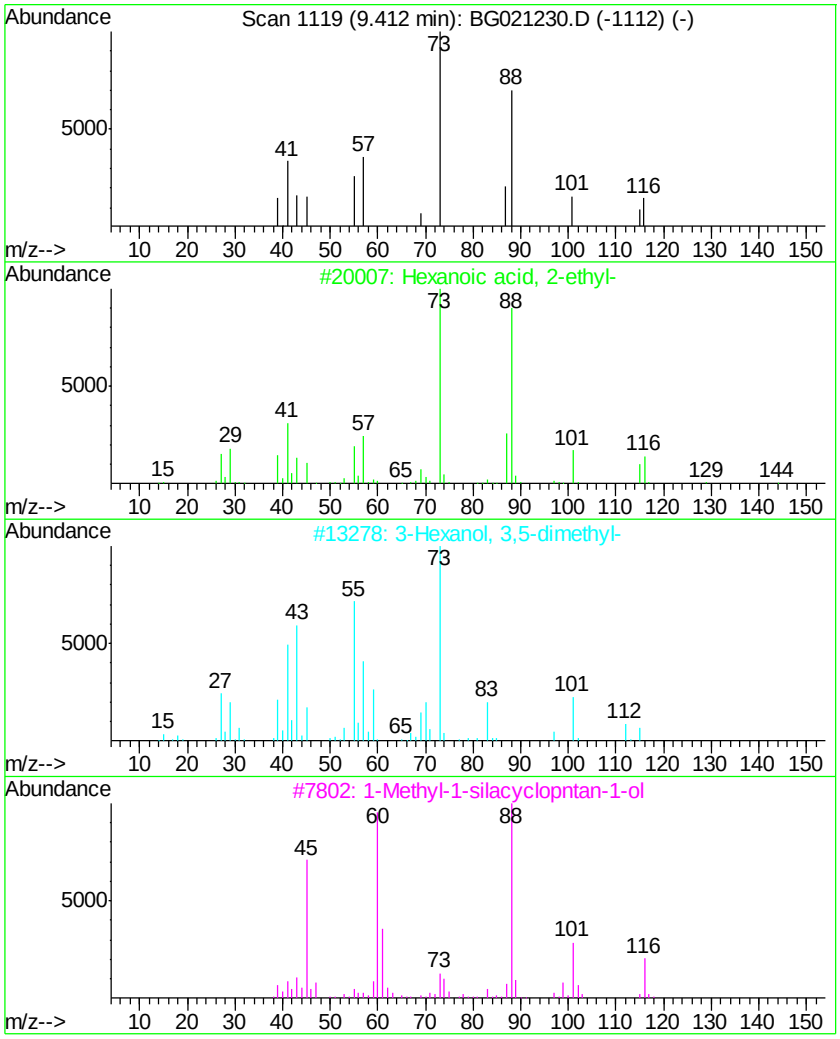
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

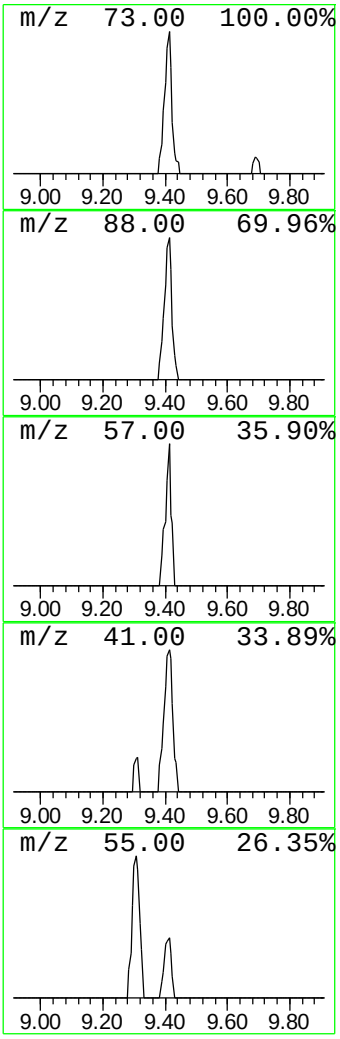
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	4.72 ng	15158	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	83
2	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	12
3	1-Methyl-1-silacyclopntan-1-ol	116	C5H12OSi	1000216-84-4	9
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	9
5	Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

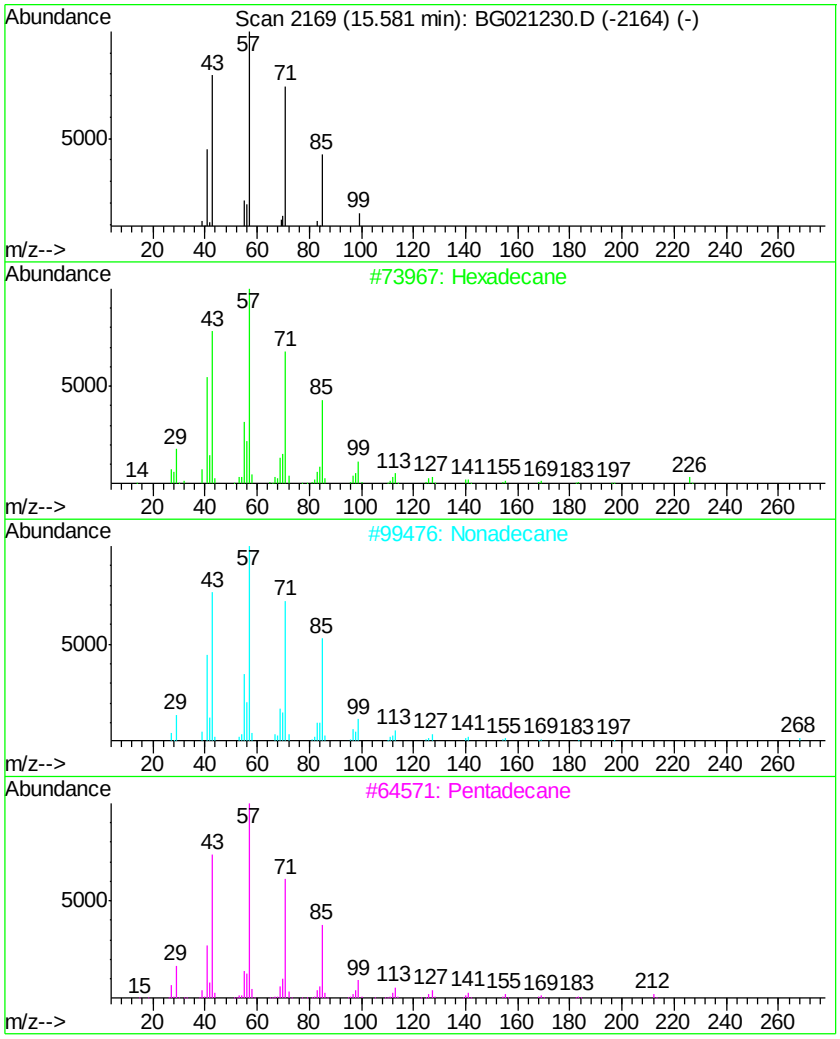
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

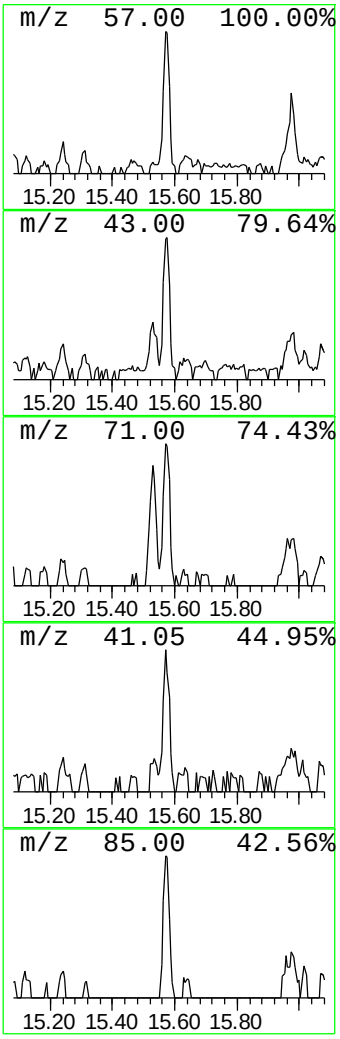
****

Peak Number 8 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.62 ng	19956	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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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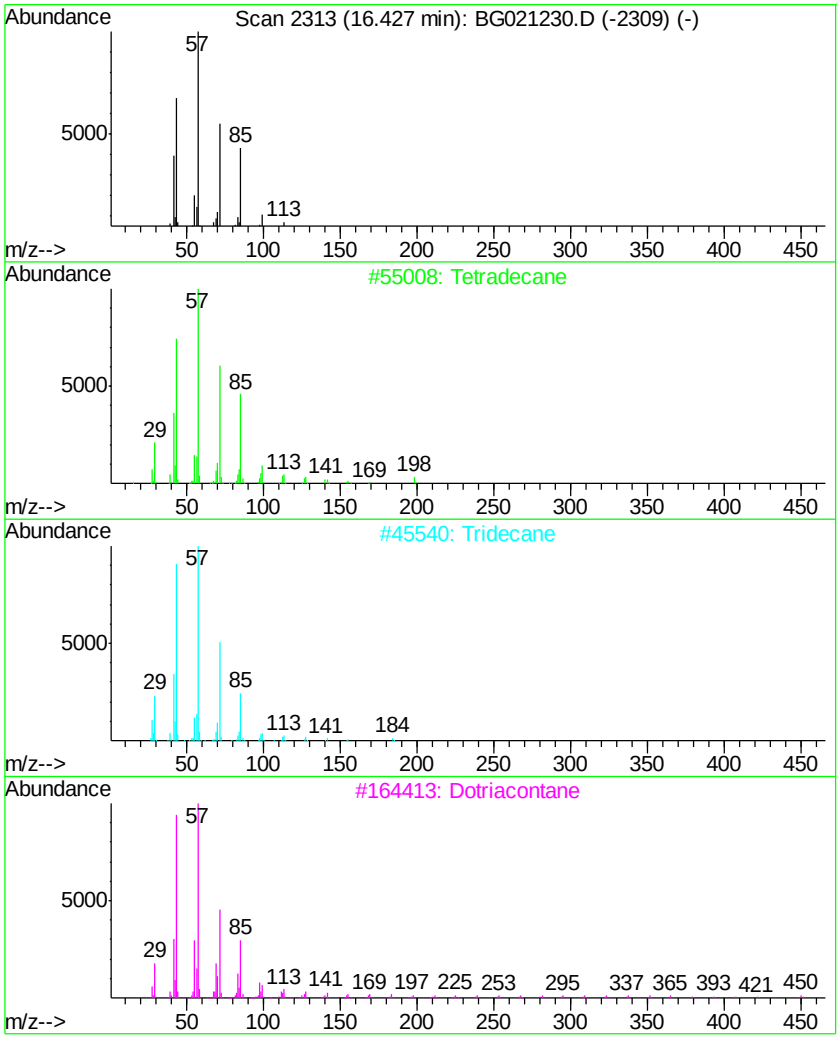
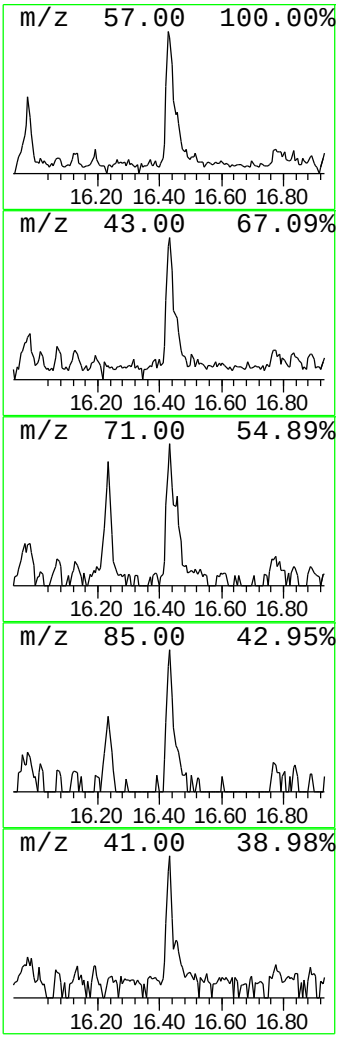
Peak Number 9 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.72 ng	23810	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Tridecane	184	C13H28	000629-50-5	72
3	Dotriacontane	451	C32H66	000544-85-4	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane	156	C11H24	001120-21-4	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

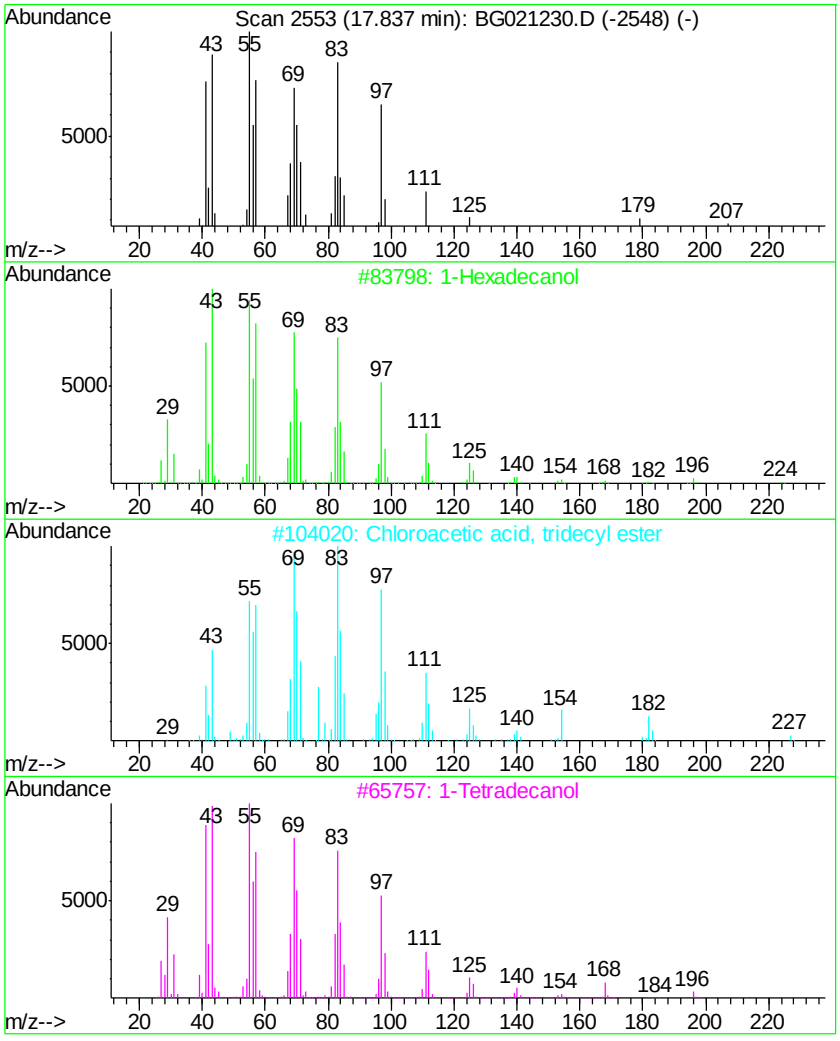
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

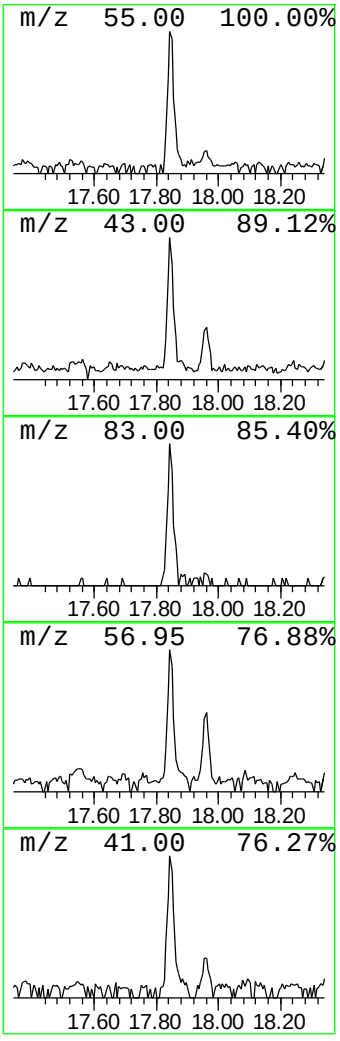
****

Peak Number 10 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	5.45 ng	47666	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	95
2	Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	91
3	1-Tetradecanol	214	C14H30O	000112-72-1	91
4	1-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Heptadecanol	256	C17H36O	001454-85-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

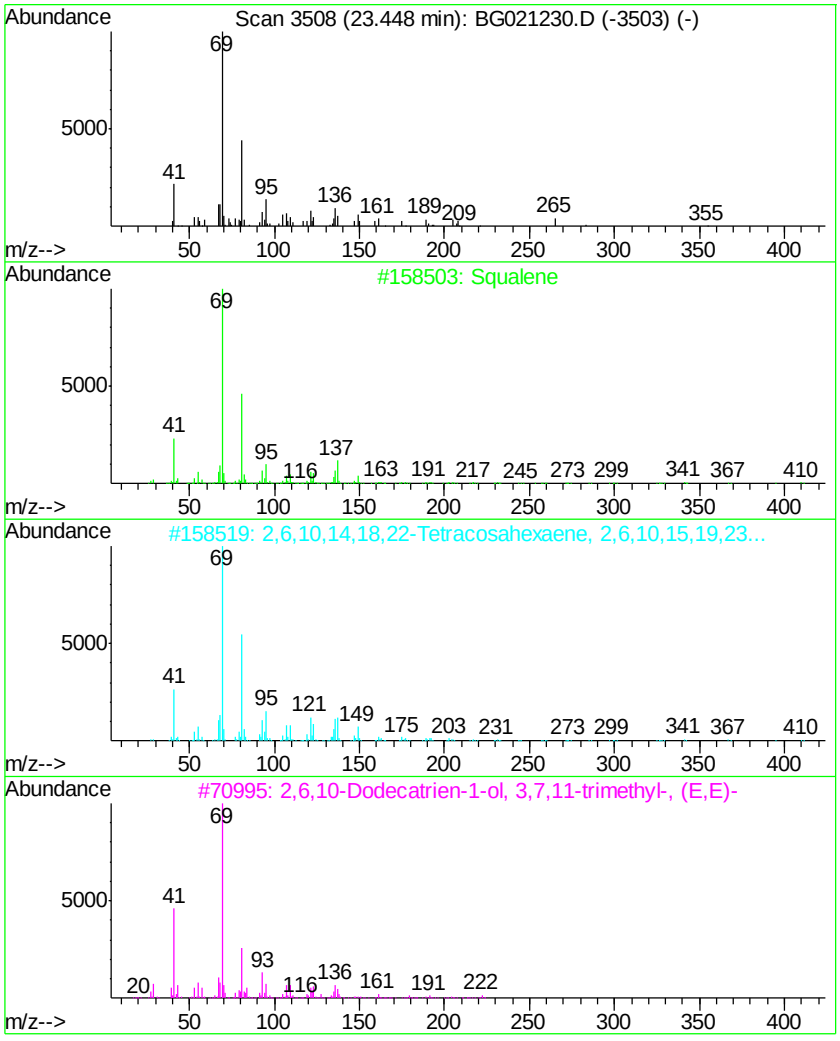
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

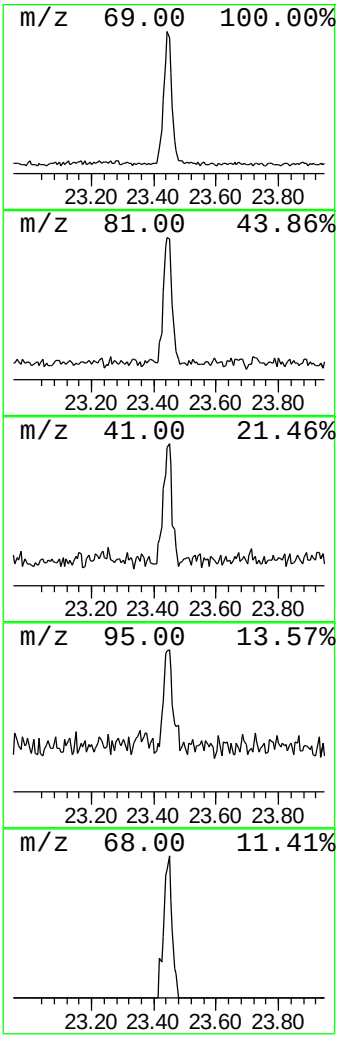
****

Peak Number 11 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.45	5.60 ng	46859	Perylene-d12	25.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	74
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030216\
Data File : BG021230.D
Acq On : 3 Mar 2016 2:53
Operator : UM/SJ
Sample : H1640-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FLOOR-1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.90	2.90	6.0	ng	19221	1	8.14	64266	20.0
Propane, 2,2-dime...	3.05	422.5	ng	1357540	1	8.14	64266	20.0
1-Pentene, 2-methyl-	3.19	4.4	ng	14234	1	8.14	64266	20.0
2-Pentanone, 4-hy...	5.23	23.9	ng	76667	1	8.14	64266	20.0
unknown7.67	7.67	141.8	ng	455541	1	8.14	64266	20.0
Hexanoic acid, 2-...	9.41	4.7	ng	15158	1	8.14	64266	20.0
Hexadecane	15.58	2.6	ng	19956	3	14.75	152332	20.0
Tetradecane	16.43	2.7	ng	23810	4	17.49	174816	20.0
1-Hexadecanol	17.84	5.5	ng	47666	4	17.49	174816	20.0
Squalene	23.45	5.6	ng	46859	6	25.03	167498	20.0