LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021236.D
Acq On : 3 Mar 2016 8:04
Operator : UM/SJ
Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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	3.050	31	36	54	rVB	769550	1024937	100.00%	18.479%
2	5.230	400	407	417	rVB	41276	62941	6.14%	1.135%
3	5.694	478	486	496	rBV	206730	322460	31.46%	5.814%
4	7.292	750	758	771	rBV	234580	400712	39.10%	7.225%
5	7.668	814	822	831	rBB	223736	377233	36.81%	6.801%
6	8.138	895	902	908	rBB	38992	64377	6.28%	1.161%
7	8.461	950	957	964	rBB	145728	244906	23.89%	4.415%
8	9.301	1092	1100	1109	rBV	142749	262536	25.61%	4.733%
9	10.947	1373	1380	1389	rVB	65263	114291	11.15%	2.061%
10	13.373	1787	1793	1800	rVB	353765	547031	53.37%	9.863%
11	14.196	1923	1933	1940	rVB	56861	88305	8.62%	1.592%
12	14.748	2015	2027	2034	rBV2	100710	166043	16.20%	2.994%
13	15.570	2163	2167	2171	rVB3	13841	17846	1.74%	0.322%
14	16.229	2273	2279	2287	rVB2	280551	422347	41.21%	7.615%
15	16.428	2309	2313	2316	rBV2	15891	22061	2.15%	0.398%
16	17.216	2443	2447	2451	rBV2	9503	12046	1.18%	0.217%
17	17.486	2486	2493	2499	rBV	121607	179081	17.47%	3.229%
18	18.350	2634	2640	2647	rBV3	13420	22686	2.21%	0.409%
19	20.077	2929	2934	2940	rBV	596672	749702	73.15%	13.517%
20	21.370	3149	3154	3161	rBV2	39077	63668	6.21%	1.148%
21	21.751	3213	3219	3226	rVB	122145	199309	19.45%	3.593%
22	25.018	3767	3775	3788	rVB2	59422	182000	17.76%	3.281%

Sum of corrected areas: 5546518

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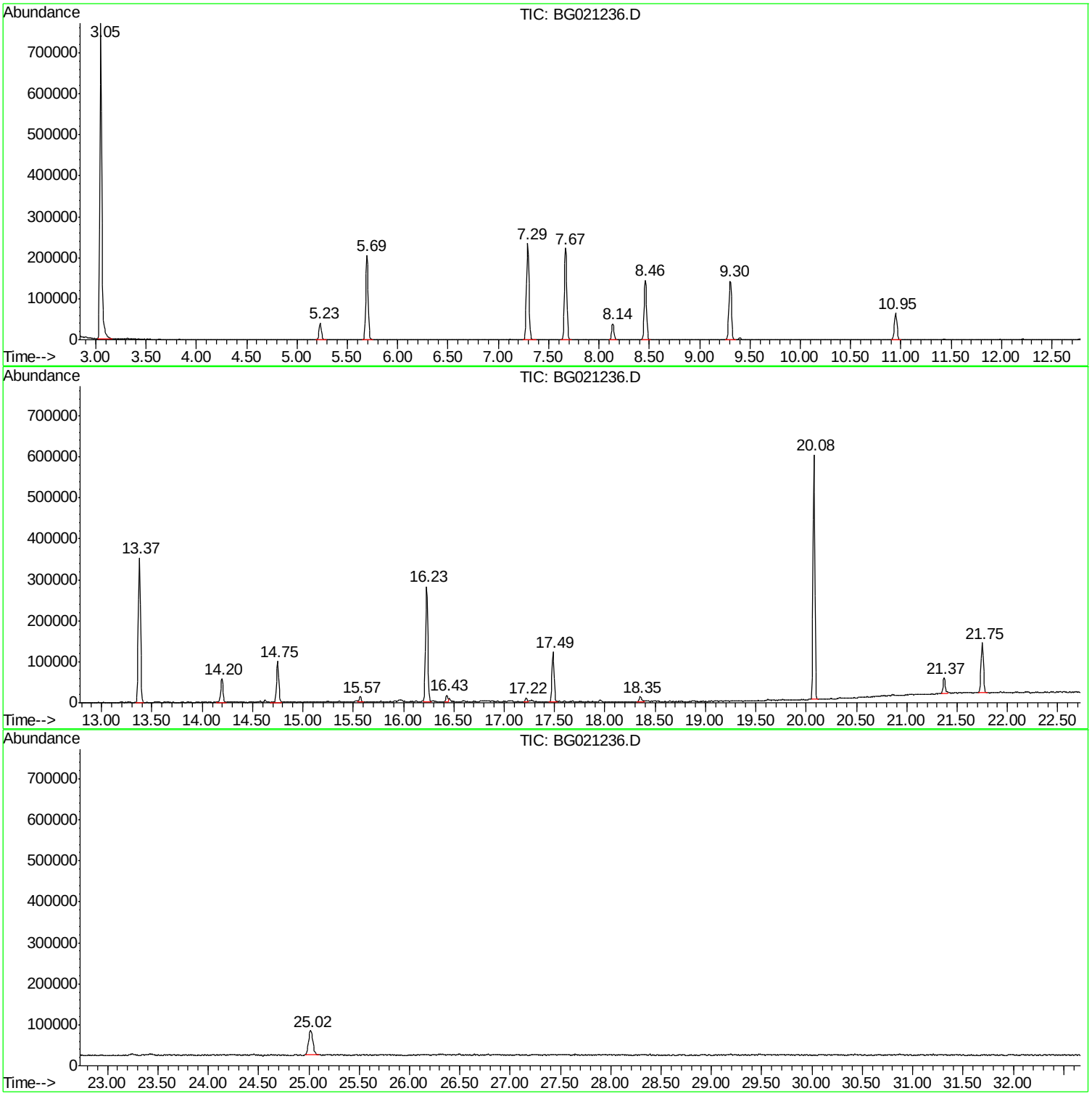
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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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Acq On : 3 Mar 2016 8:04
Operator : UM/SJ
Sample : H1640-13
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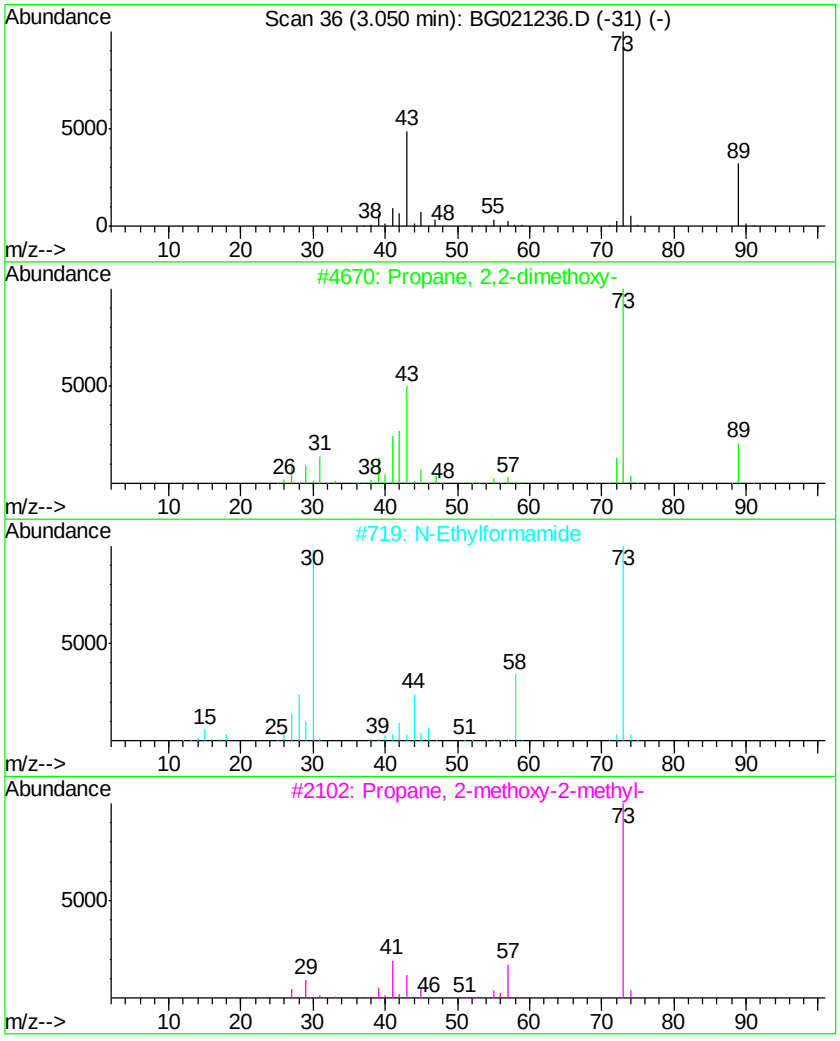
TIC Integration Parameters: LSCINT.P

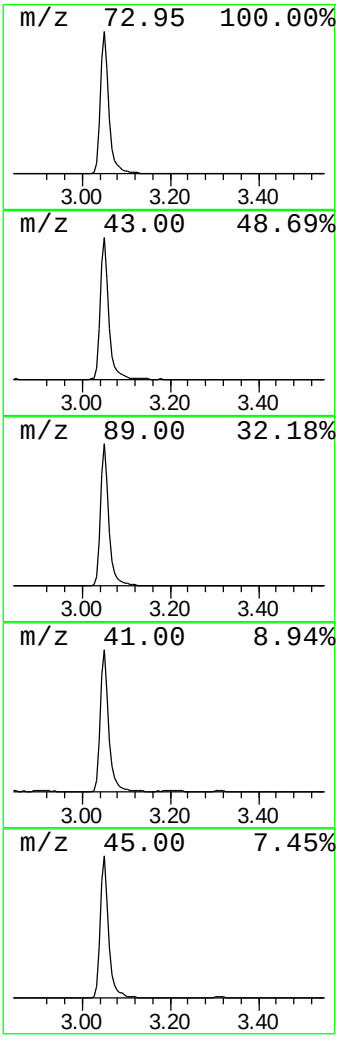
****

Peak Number 1 unknown3.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	318.42 ng	1024940	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	45
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021236.D
Acq On : 3 Mar 2016 8:04
Operator : UM/SJ
Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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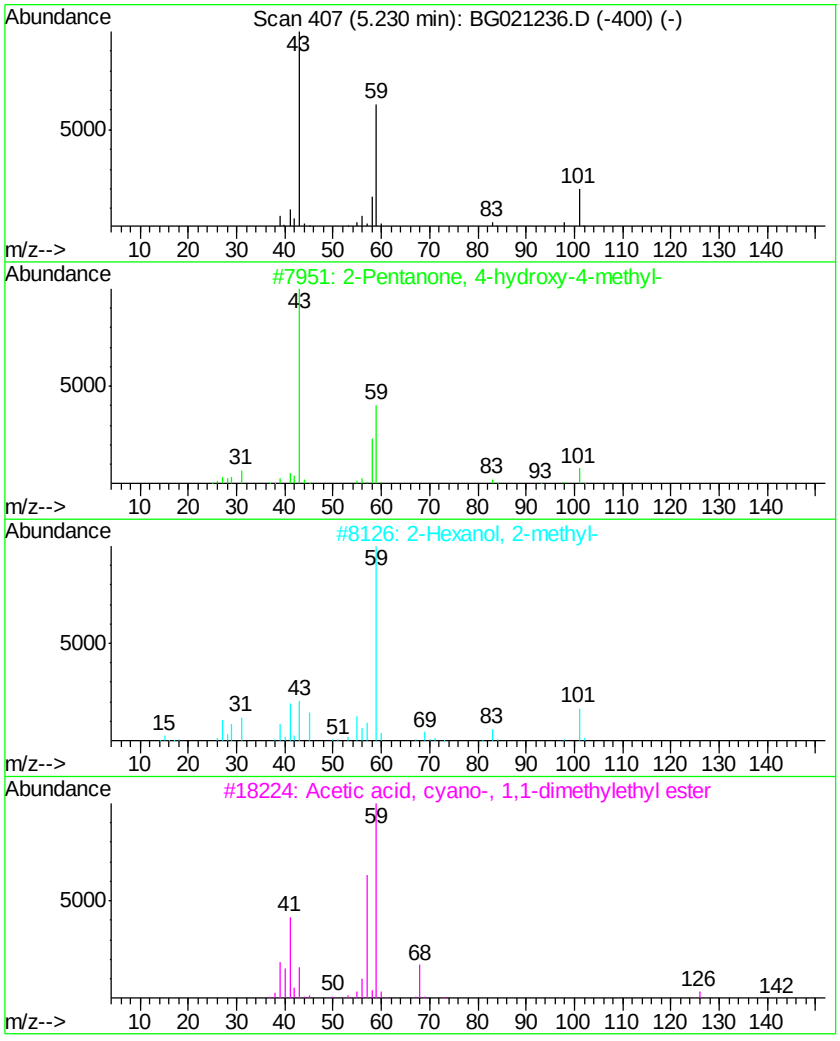
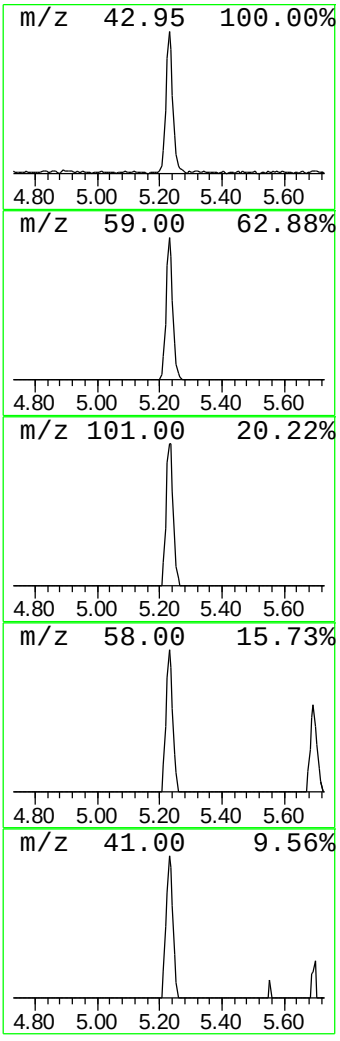
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	19.55 ng	62941	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-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
Data File : BG021236.D
Acq On : 3 Mar 2016 8:04
Operator : UM/SJ
Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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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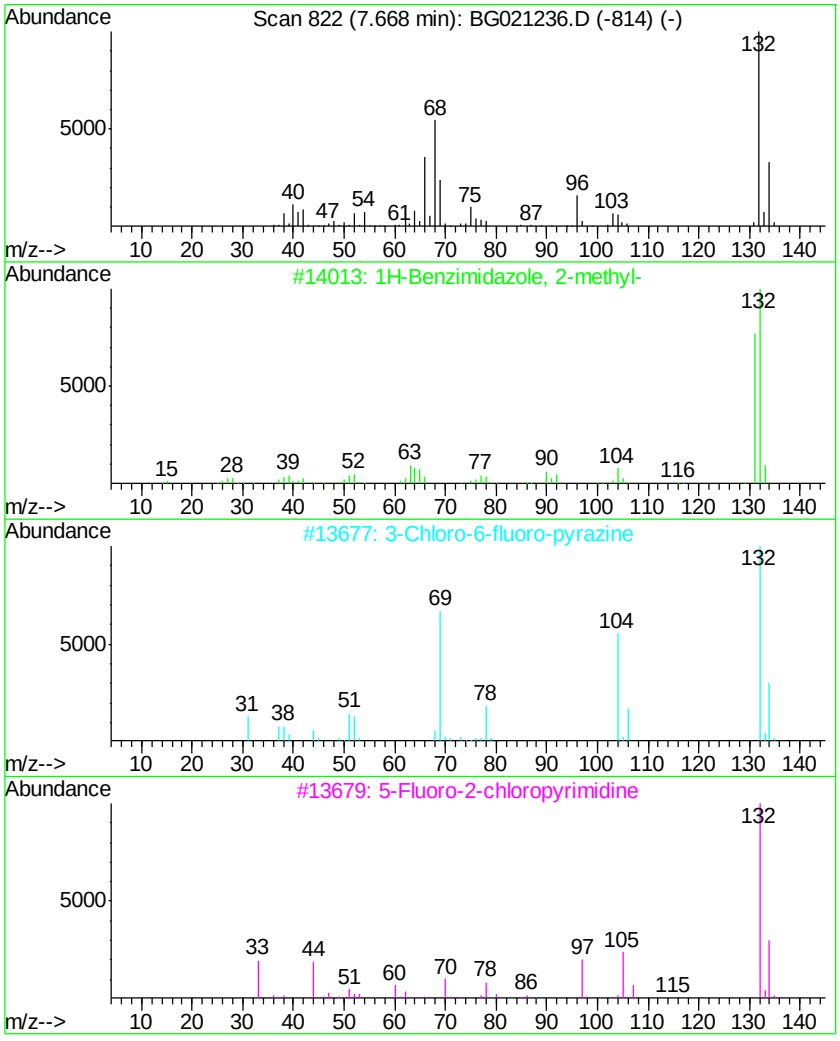
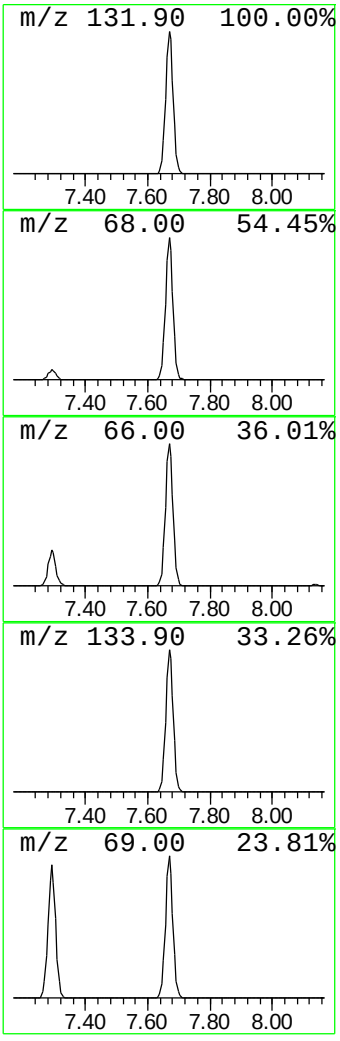
Peak Number 3 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	117.20 ng	377233	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Operator : UM/SJ
Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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

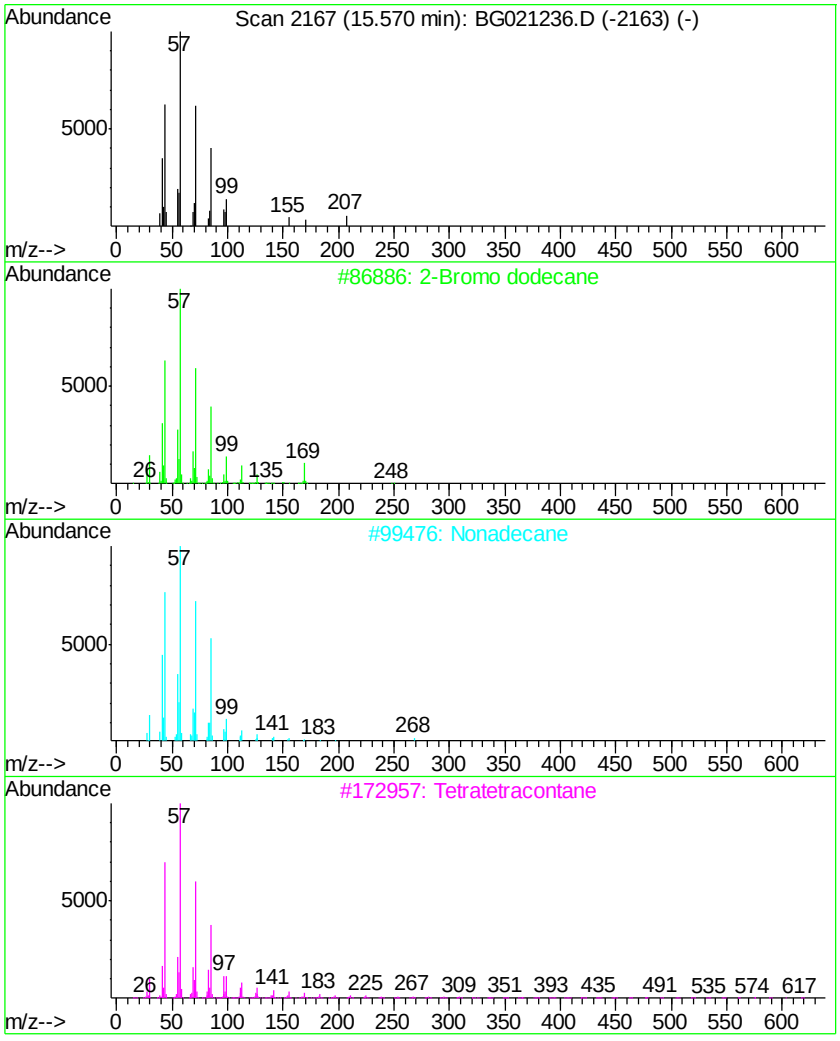
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

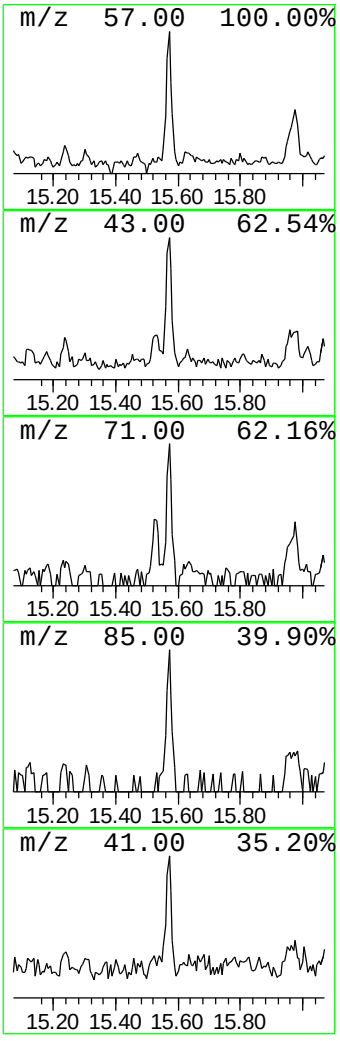
****

Peak Number 5 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.15 ng	17846	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
2	Nonadecane	268	C19H40	000629-92-5	78
3	Tetratetracontane	619	C44H90	007098-22-8	78
4	Hexacosane	366	C26H54	000630-01-3	78
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

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Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
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TIC Library : C:\DATABASE\NIST02.L
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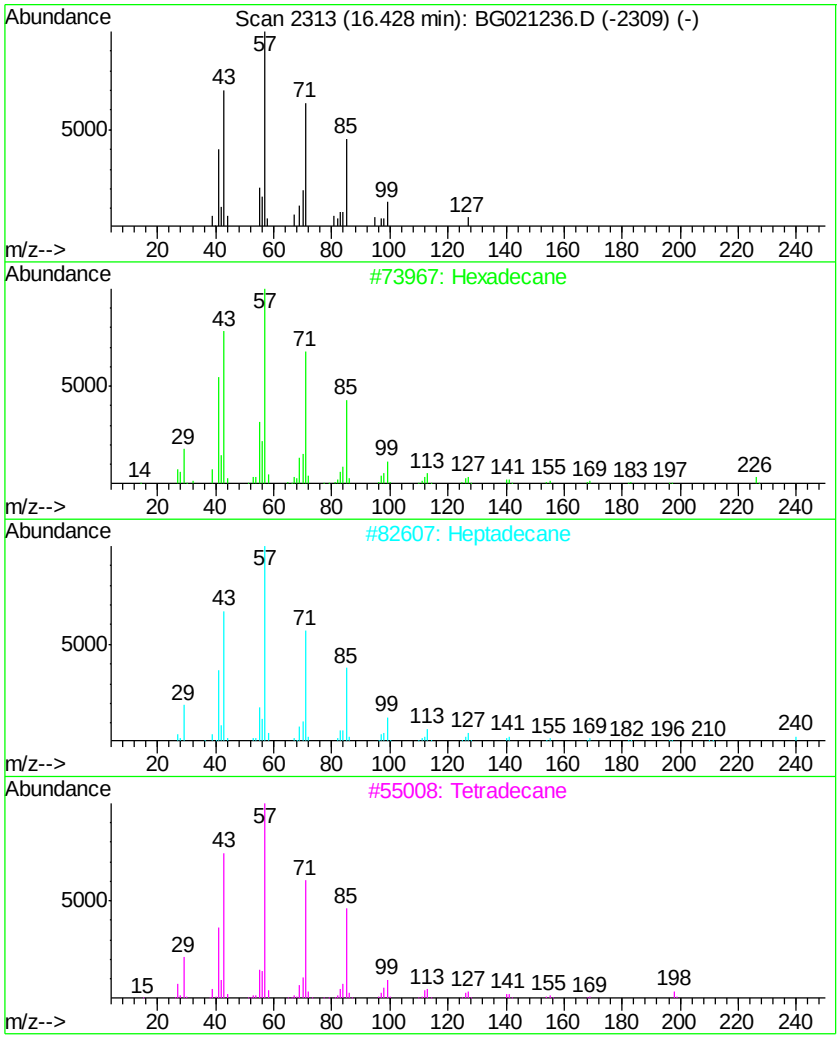
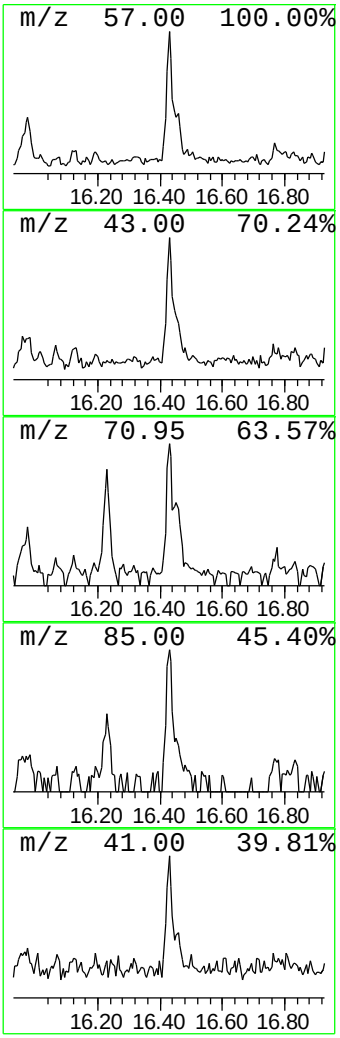
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.46 ng	22061	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptadecane	240	C17H36	000629-78-7	78
3	Tetradecane	198	C14H30	000629-59-4	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Nonadecane	268	C19H40	000629-92-5	72





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Operator : UM/SJ
Sample : H1640-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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

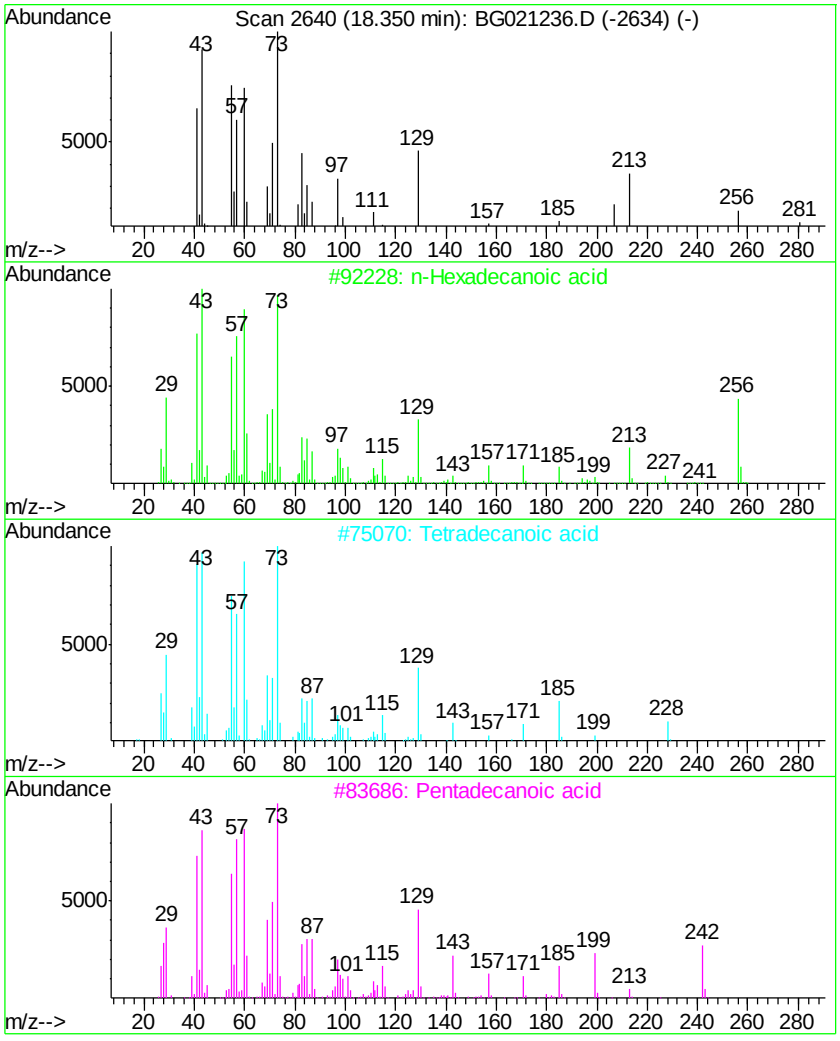
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

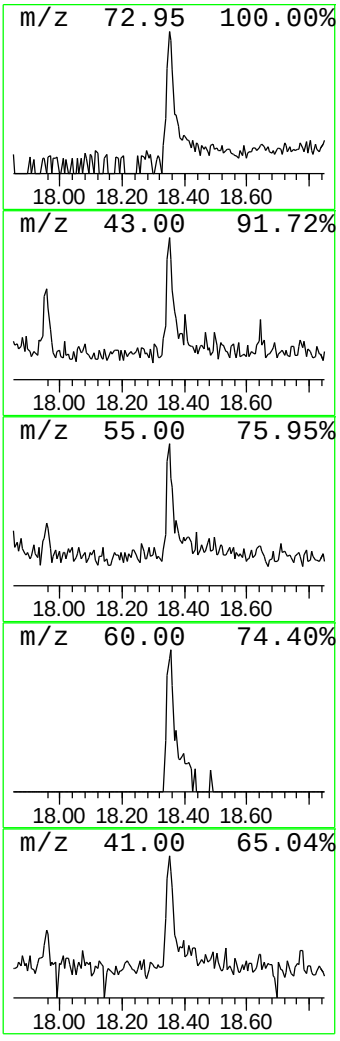
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.53 ng	22686	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	27
5	5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	14





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

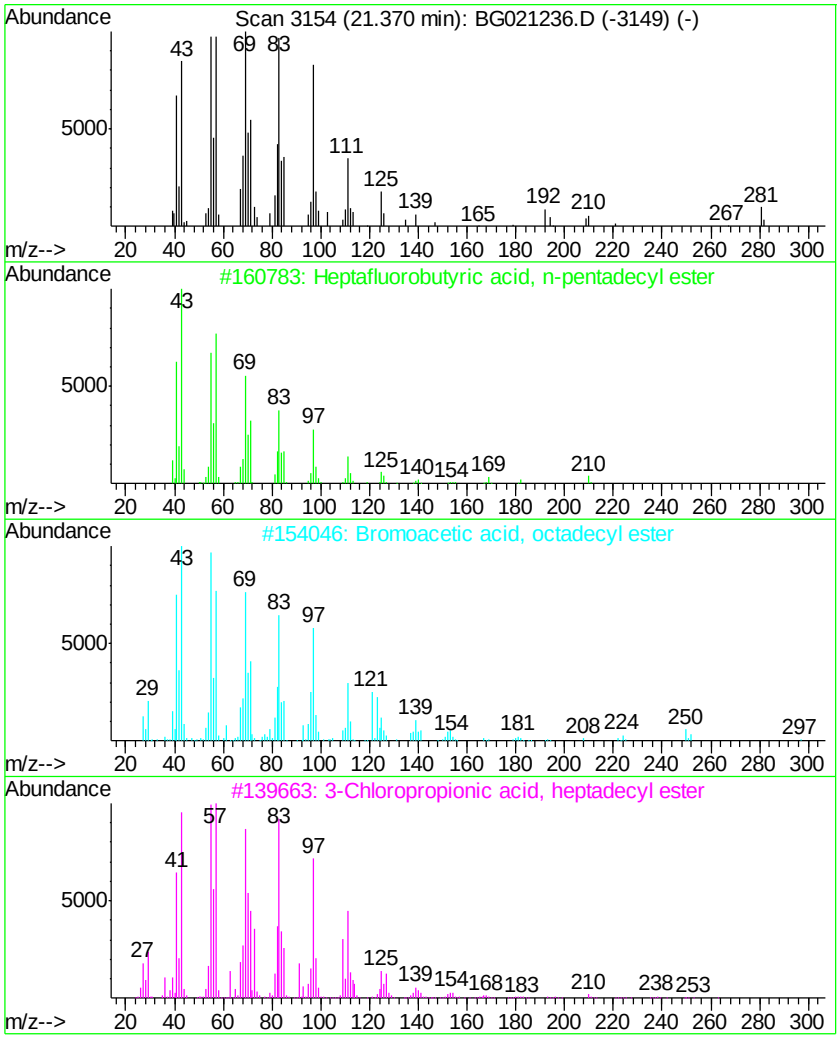
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

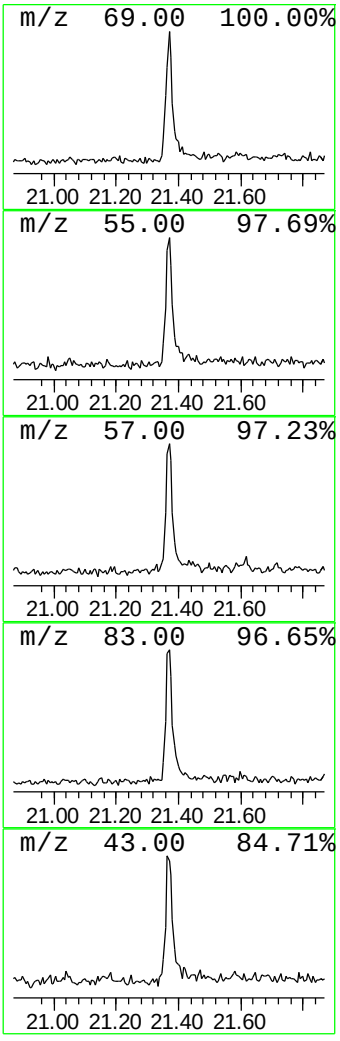
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptafluorobutyric acid, n-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.39 ng	63668	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





Tentatively Identified Compound (LSC) summary

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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
unknown3.05	3.05	318.4	ng	1024940	1	8.14	64377	20.0
2-Pentanone, 4-hy...	5.23	19.6	ng	62941	1	8.14	64377	20.0
unknown7.67	7.67	117.2	ng	377233	1	8.14	64377	20.0
2-Bromo dodecane	15.57	2.1	ng	17846	3	14.75	166043	20.0
Hexadecane	16.43	2.5	ng	22061	4	17.49	179081	20.0
n-Hexadecanoic acid	18.35	2.5	ng	22686	4	17.49	179081	20.0
Heptafluorobutyri...	21.37	6.4	ng	63668	5	21.75	199309	20.0