LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017264.D
Acq On : 23 May 2015 3:54
Operator : TP/IZ
Sample : G2370-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-037

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-BG051315.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	2.770	8	14	24	rBV	89488	187486	9.32%	1.529%
2	2.853	24	28	33	rVV	86980	119702	5.95%	0.976%
3	4.803	354	360	366	rVB	70377	106724	5.30%	0.870%
4	5.285	436	442	452	rVB	617653	910672	45.25%	7.426%
5	6.895	707	716	725	rBV	674230	1029668	51.16%	8.397%
6	7.230	766	773	780	rBV	664316	1012559	50.31%	8.257%
7	7.682	841	850	858	rBV	134973	212395	10.55%	1.732%
8	8.000	896	904	912	rVB	442325	715901	35.57%	5.838%
9	8.846	1040	1048	1060	rVB	393905	640661	31.83%	5.224%
10	10.473	1319	1325	1331	rBV	173500	282058	14.01%	2.300%
11	12.953	1739	1747	1757	rBV	915701	1303767	64.78%	10.632%
12	13.793	1884	1890	1897	rBV	69670	97870	4.86%	0.798%
13	14.333	1975	1982	1991	rBV2	247447	386808	19.22%	3.154%
14	15.832	2230	2237	2248	rBV	802226	1140861	56.69%	9.303%
15	16.049	2270	2274	2281	rBV4	19672	37252	1.85%	0.304%
16	16.842	2405	2409	2413	rBV	16423	20775	1.03%	0.169%
17	17.083	2444	2450	2454	rBV2	320815	453054	22.51%	3.695%
18	17.124	2454	2457	2462	rVB3	13729	21204	1.05%	0.173%
19	17.577	2531	2534	2538	rBV2	17772	26385	1.31%	0.215%
20	17.982	2598	2603	2609	rBV	108344	160912	8.00%	1.312%
21	19.145	2797	2801	2805	rVB2	28510	38504	1.91%	0.314%
22	19.269	2817	2822	2830	rBV7	37163	63372	3.15%	0.517%
23	19.504	2859	2862	2865	rBV2	19938	27637	1.37%	0.225%
24	19.715	2892	2898	2903	rBV	1683337	2012561	100.00%	16.412%
25	20.978	3109	3113	3120	rBV	138877	166220	8.26%	1.355%
26	21.266	3156	3162	3167	rBV	450276	576057	28.62%	4.698%
27	23.517	3539	3545	3553	rVB2	263826	511791	25.43%	4.174%

Sum of corrected areas: 12262856

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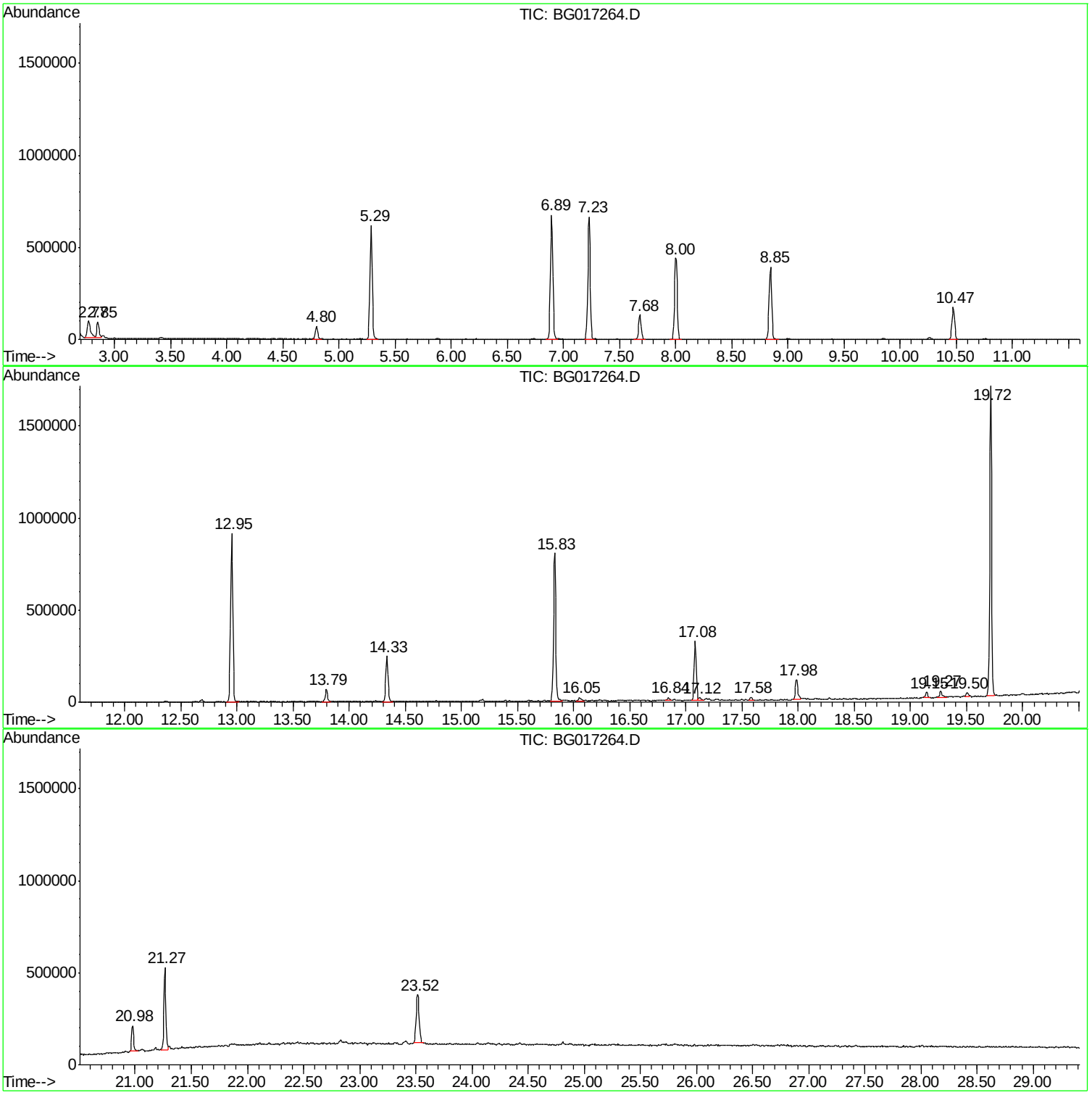
Instrument : BNA_G
ClientSampleId : FS-037

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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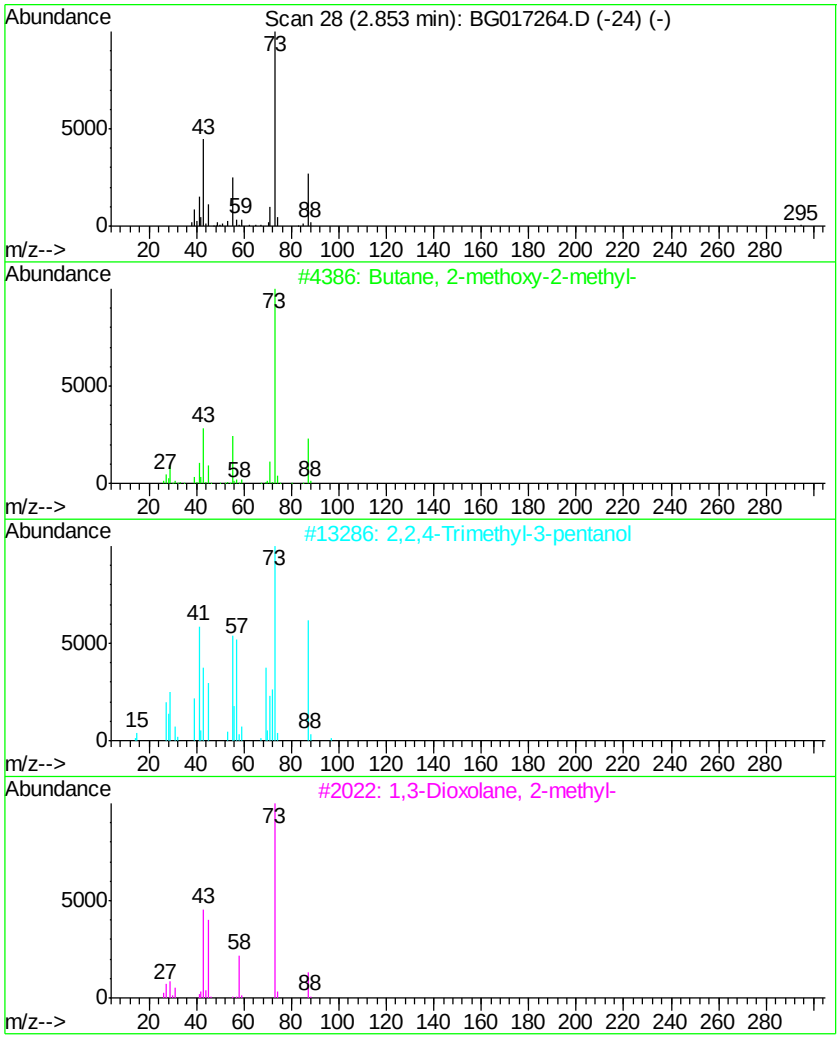
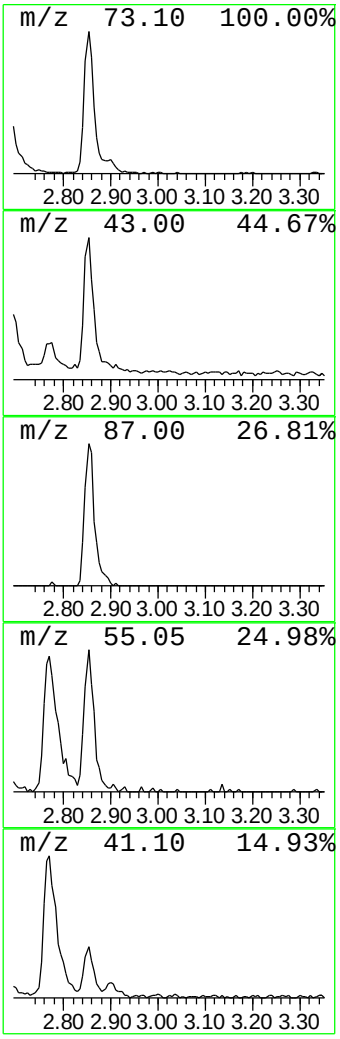
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	11.27 ng	119702	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017264.D
Acq On : 23 May 2015 3:54
Operator : TP/IZ
Sample : G2370-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-037

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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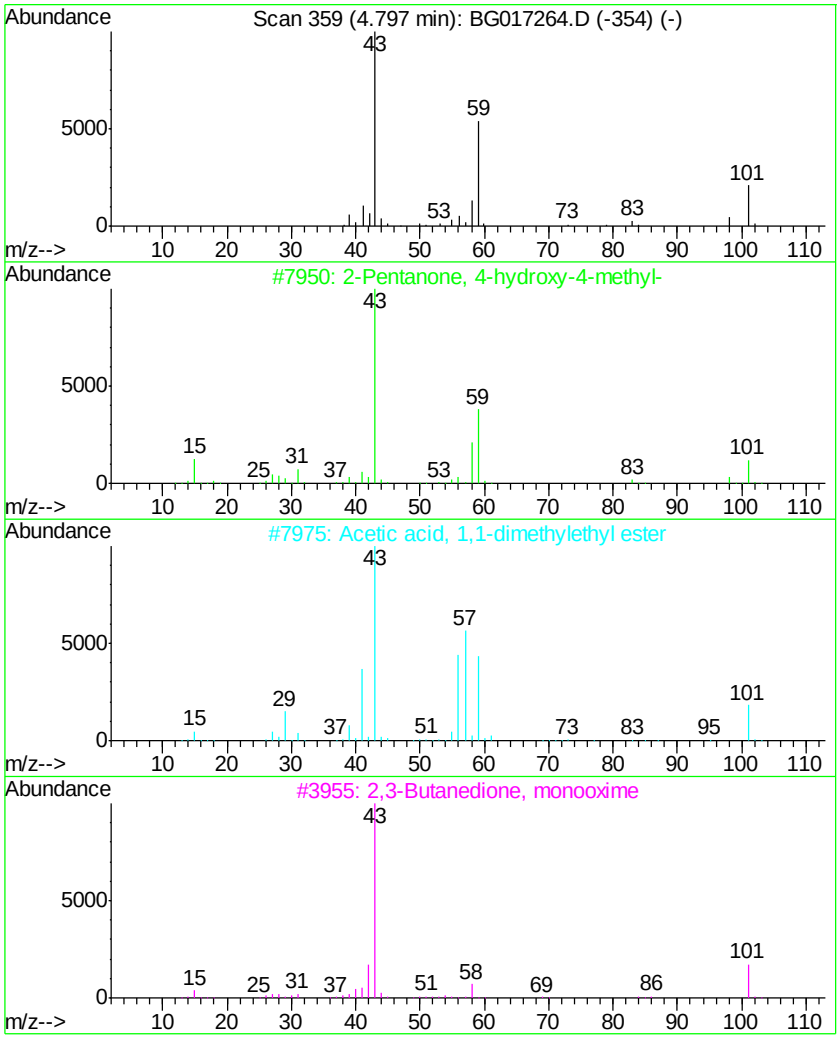
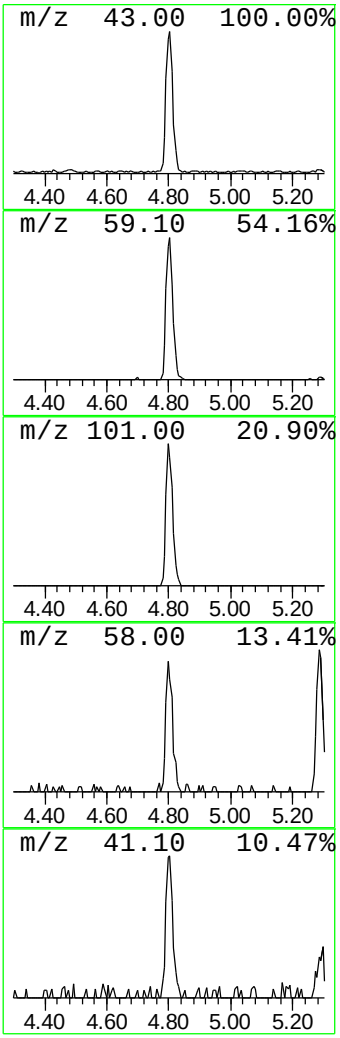
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	10.05 ng	106724	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : TP/IZ
Sample : G2370-02
Misc :
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Instrument : BNA_G
ClientSampleId : FS-037

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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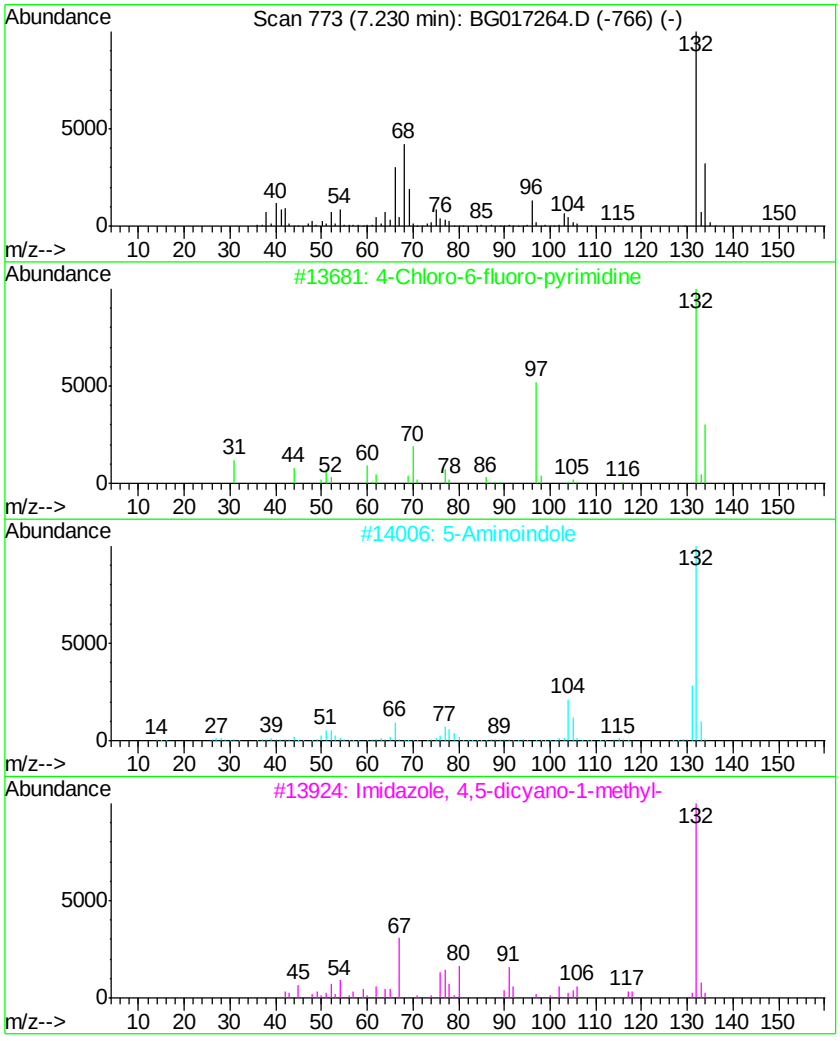
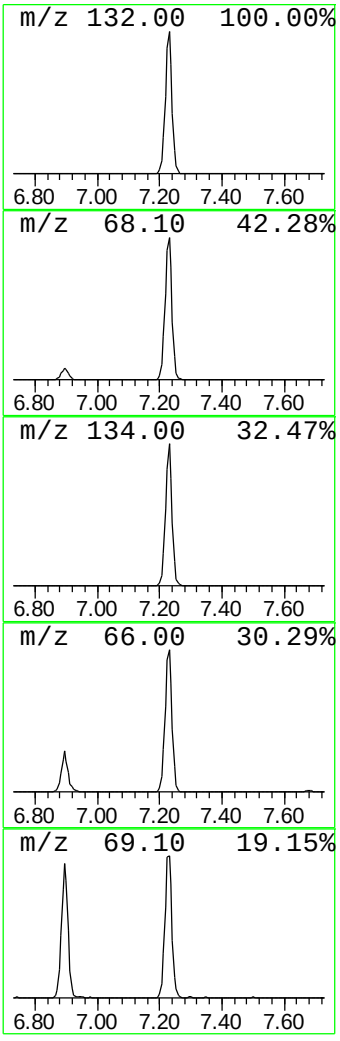
Peak Number 4 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	95.35 ng	1012560	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Instrument : BNA_G
ClientSampleId : FS-037

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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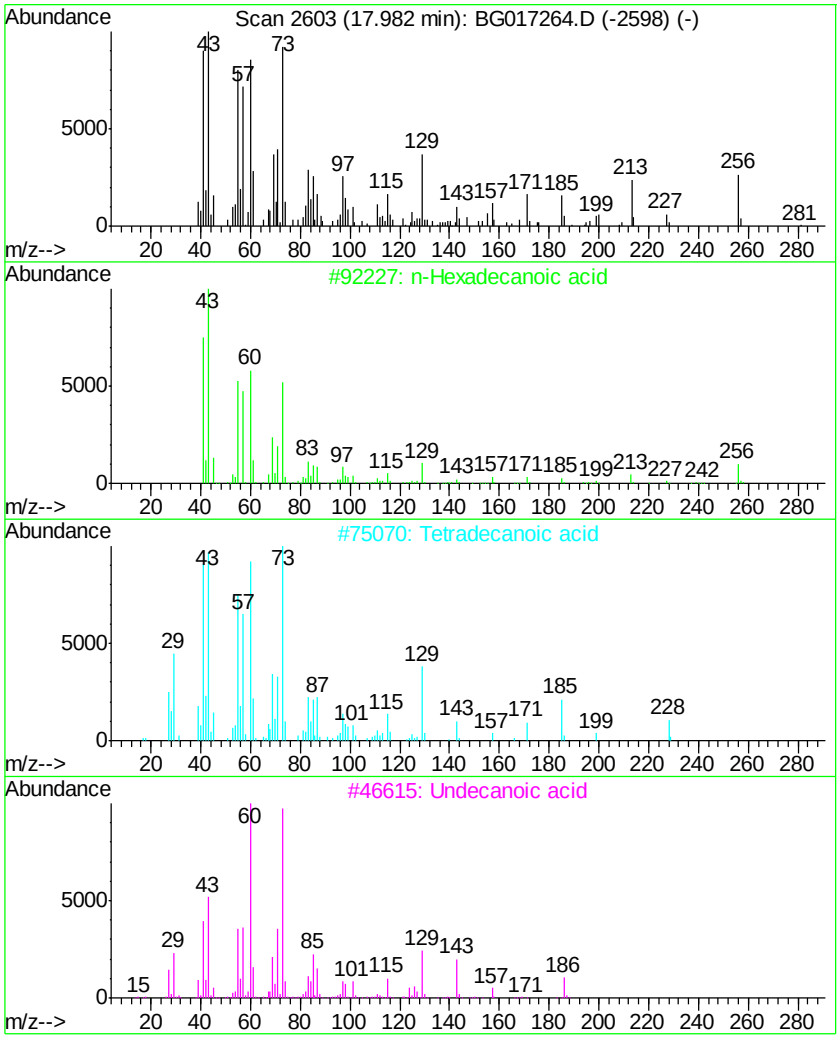
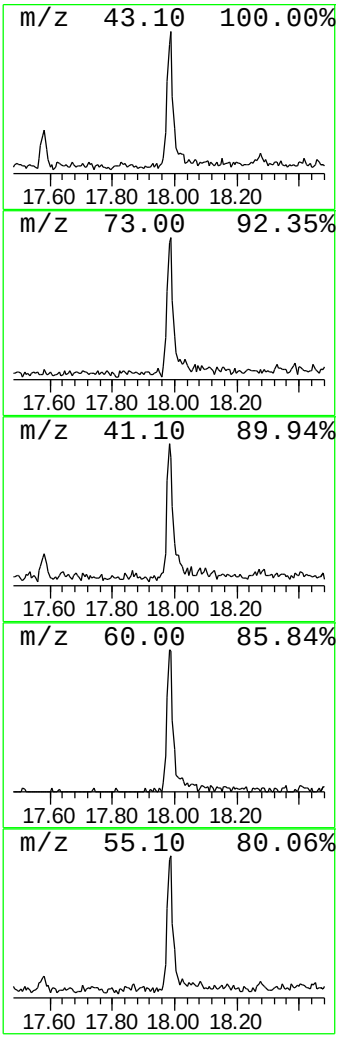
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.10 ng	160912	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Undecanoic acid	186	C11H22O2	000112-37-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
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Acq On : 23 May 2015 3:54
Operator : TP/IZ
Sample : G2370-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-037

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

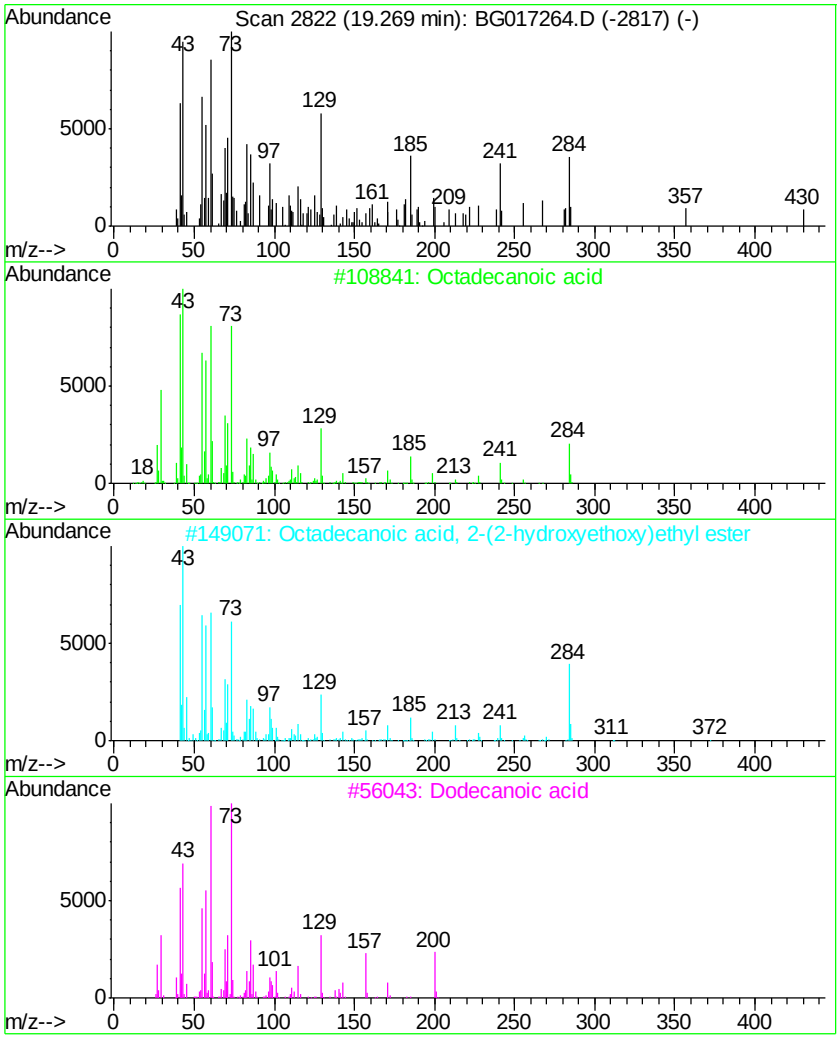
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

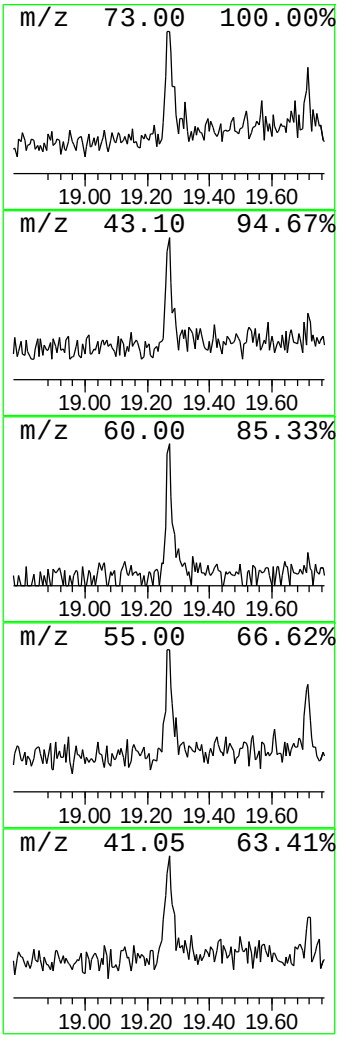
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.20 ng	63372	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	Octadecanoic acid, 2-hydroxy-1,3...	625	C39H76O5	000504-40-5	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





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Misc :
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Instrument : BNA_G
ClientSampleId : FS-037

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

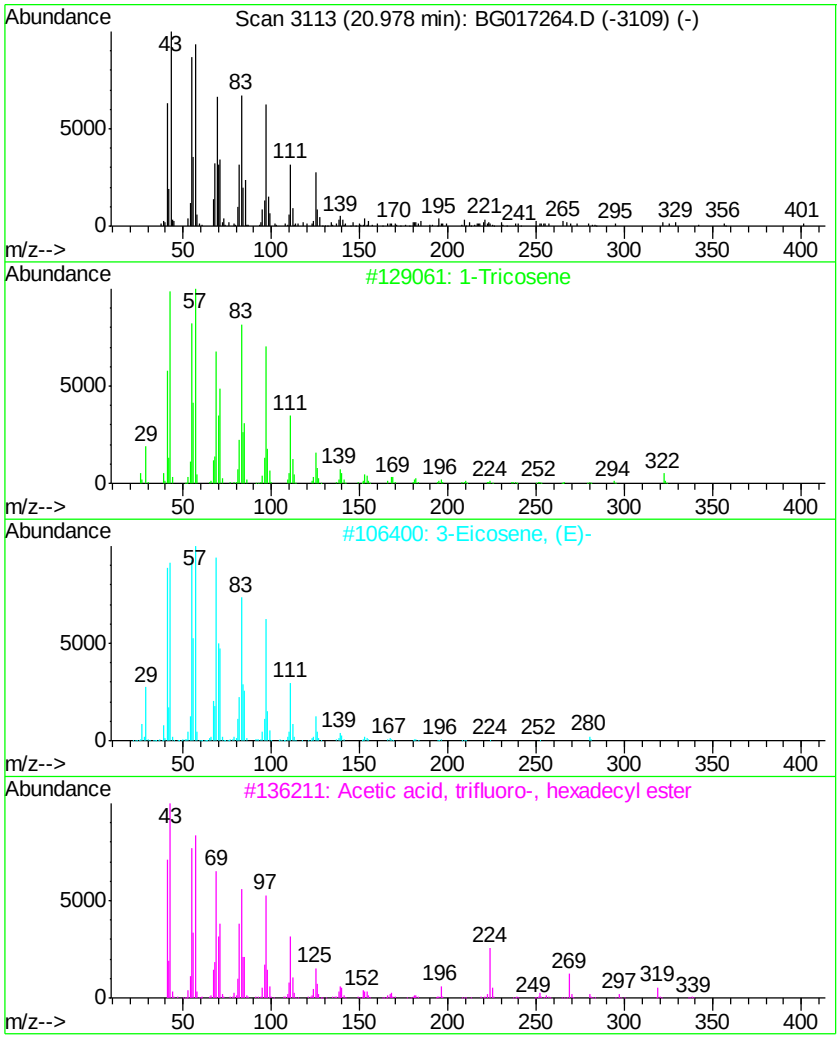
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

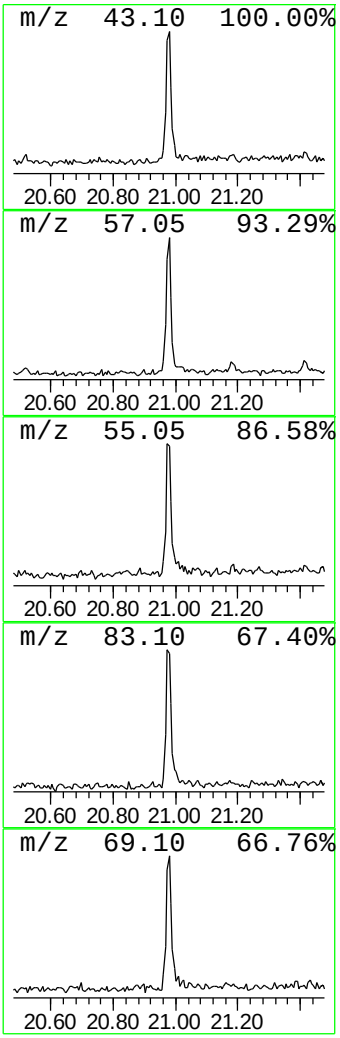
****

Peak Number 8 1-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	5.77 ng	166220	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	90
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	1-Docosene	308	C22H44	001599-67-3	90





Tentatively Identified Compound (LSC) summary

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Sample : G2370-02
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
Butane, 2-methoxy...	2.85	11.3	ng	119702	1	7.68	212395	20.0
2-Pentanone, 4-hy...	4.80	10.1	ng	106724	1	7.68	212395	20.0
unknown7.23	7.23	95.3	ng	1012560	1	7.68	212395	20.0
n-Hexadecanoic acid	17.98	7.1	ng	160912	4	17.08	453054	20.0
Octadecanoic acid	19.27	2.2	ng	63372	5	21.27	576057	20.0
1-Tricosene	20.98	5.8	ng	166220	5	21.27	576057	20.0