LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
Data File : BG016408.D
Acq On : 14 Apr 2015 21:57
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

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-BG040615.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	2.757	7	12	22	rBV	386058	639776	15.62%	2.974%
2	2.839	22	26	37	rVB	440224	529722	12.93%	2.463%
3	4.784	351	357	366	rVB	55137	80536	1.97%	0.374%
4	5.254	431	437	447	rVB	564661	798646	19.50%	3.713%
5	6.852	700	709	719	rBV	354547	554828	13.55%	2.579%
6	7.205	761	769	781	rBV	1059404	1648013	40.23%	7.662%
7	7.669	842	848	854	rBV	231327	351867	8.59%	1.636%
8	7.986	894	902	912	rVB	980653	1509364	36.85%	7.017%
9	8.826	1037	1045	1053	rBV	771165	1245593	30.41%	5.791%
10	10.454	1312	1322	1330	rBV	329665	541288	13.21%	2.516%
11	12.928	1736	1743	1750	rBV	1889699	2888717	70.52%	13.430%
12	13.768	1881	1886	1892	rBV	29793	42175	1.03%	0.196%
13	14.308	1971	1978	1988	rVB2	473095	722661	17.64%	3.360%
14	15.801	2225	2232	2247	rBV	1281822	1813355	44.27%	8.430%
15	16.071	2273	2278	2284	rVB	31616	43726	1.07%	0.203%
16	17.052	2437	2445	2453	rBV2	603901	890261	21.73%	4.139%
17	17.951	2590	2598	2607	rBV	217897	326225	7.96%	1.517%
18	18.039	2608	2613	2618	rVB	51875	78069	1.91%	0.363%
19	19.232	2812	2816	2828	rBV	136216	232346	5.67%	1.080%
20	19.684	2887	2893	2899	rBV	3282554	4096027	100.00%	19.043%
21	20.942	3103	3107	3116	rVB	293337	353247	8.62%	1.642%
22	21.230	3151	3156	3166	rVV	838739	1090218	26.62%	5.068%
23	23.462	3529	3536	3546	rVB	536854	1033155	25.22%	4.803%

Sum of corrected areas: 21509815

LSC Report - Integrated Chromatogram

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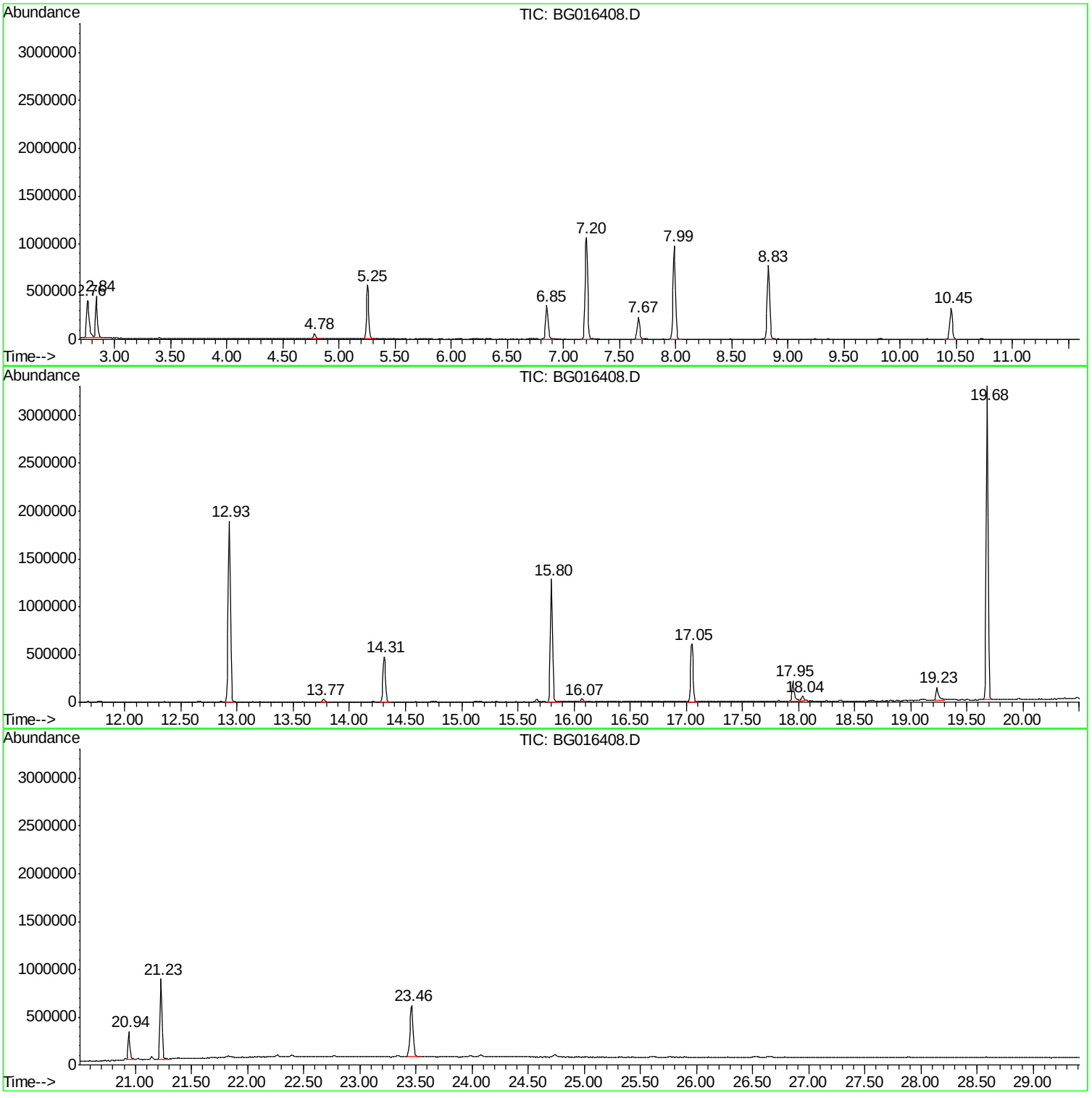
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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\BG041415\
Data File : BG016408.D
Acq On : 14 Apr 2015 21:57
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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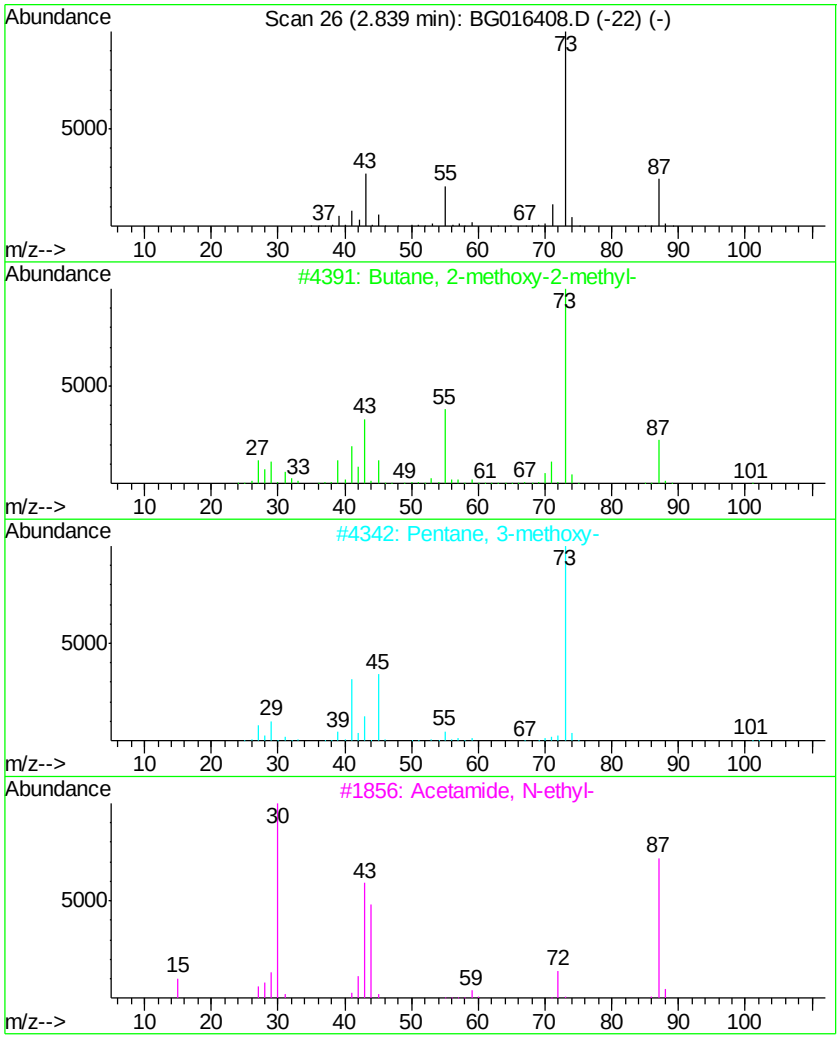
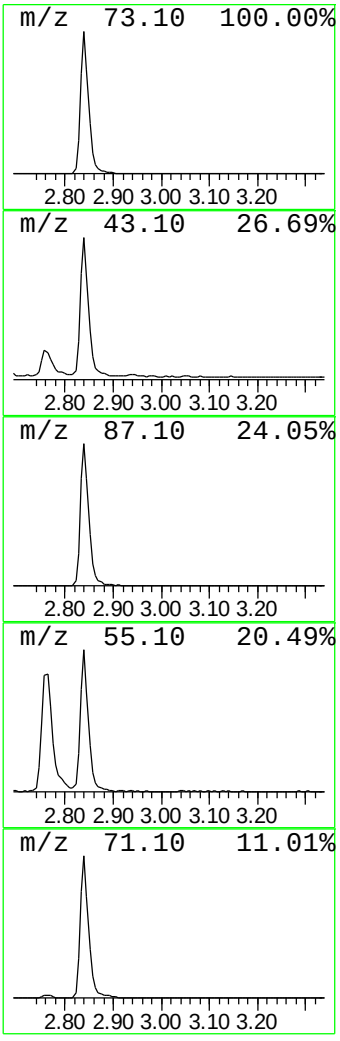
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	30.11 ng	529722	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BG016408.D
Acq On : 14 Apr 2015 21:57
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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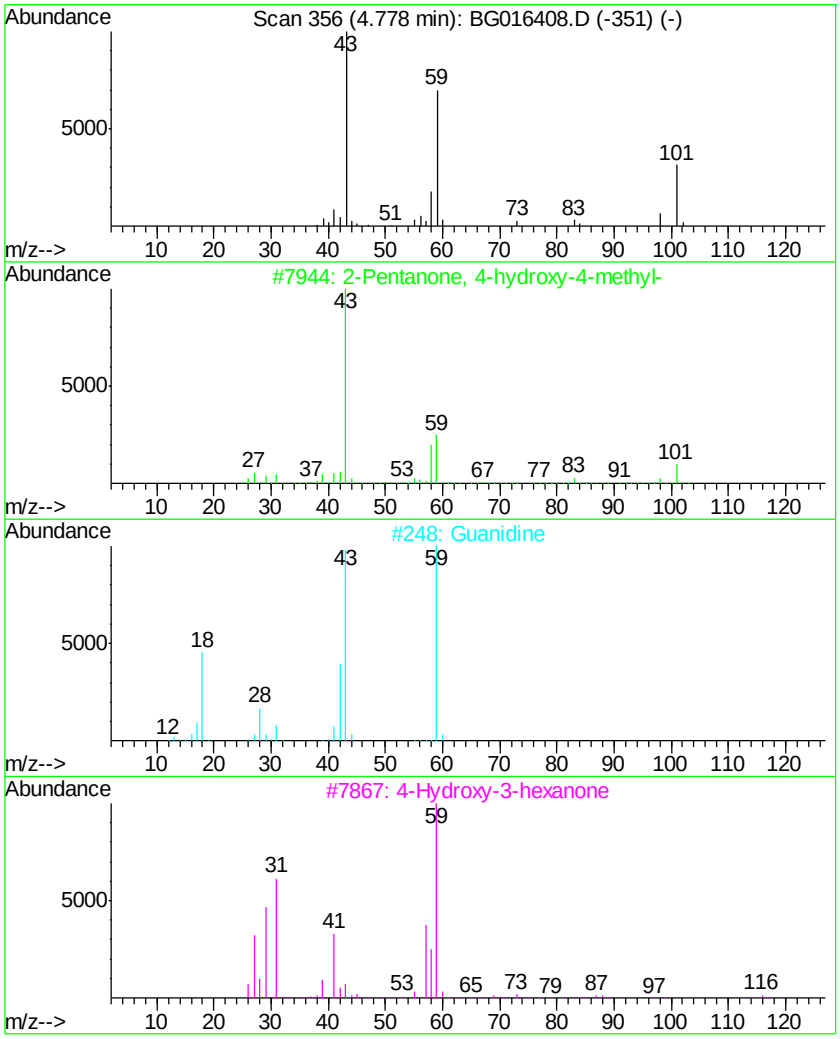
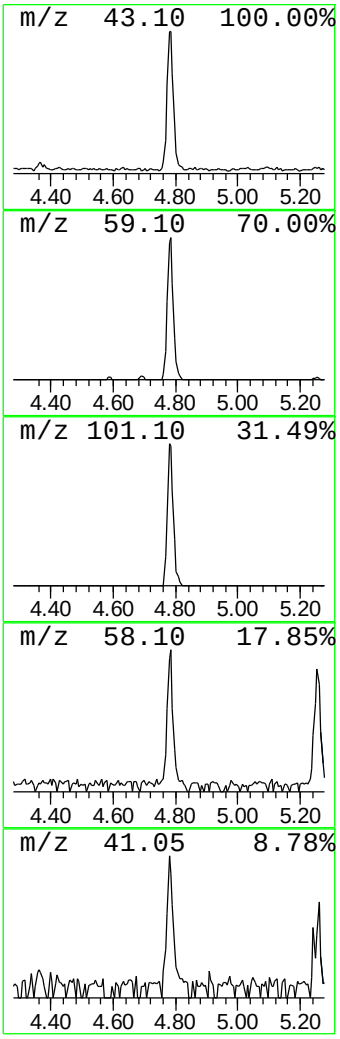
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	4.58 ng	80536	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Guanidine	59	CH5N3	000113-00-8	38
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	37
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
Data File : BG016408.D
Acq On : 14 Apr 2015 21:57
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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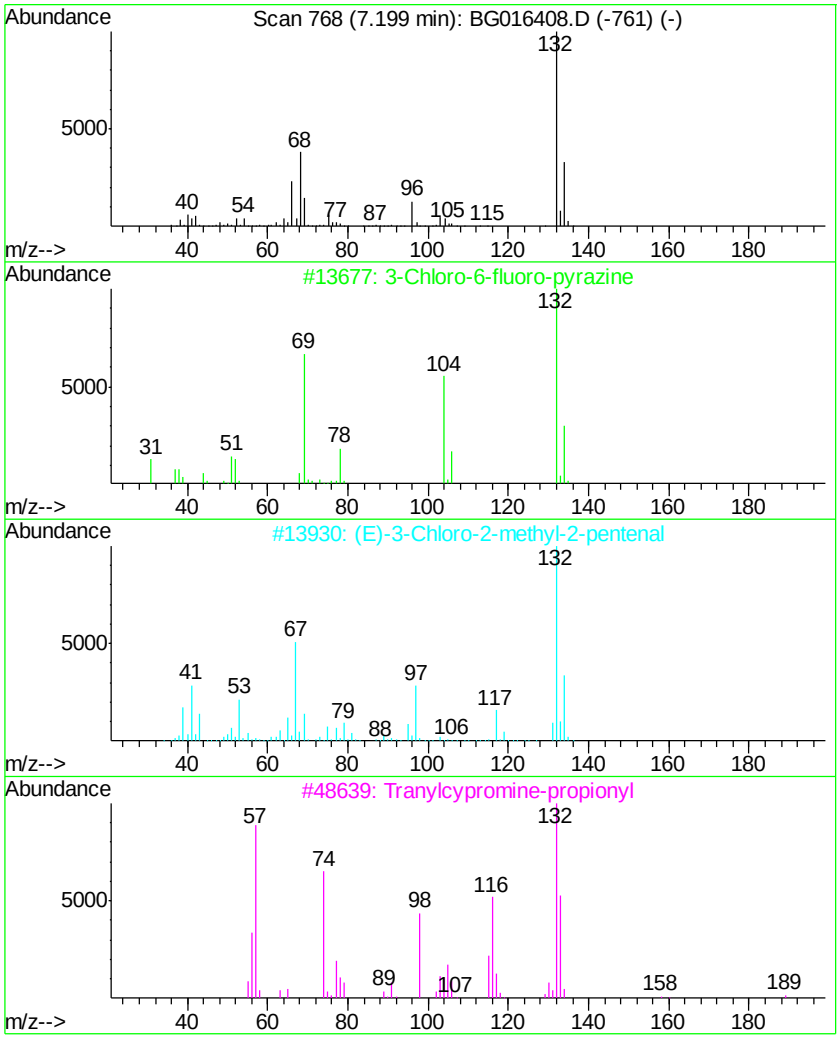
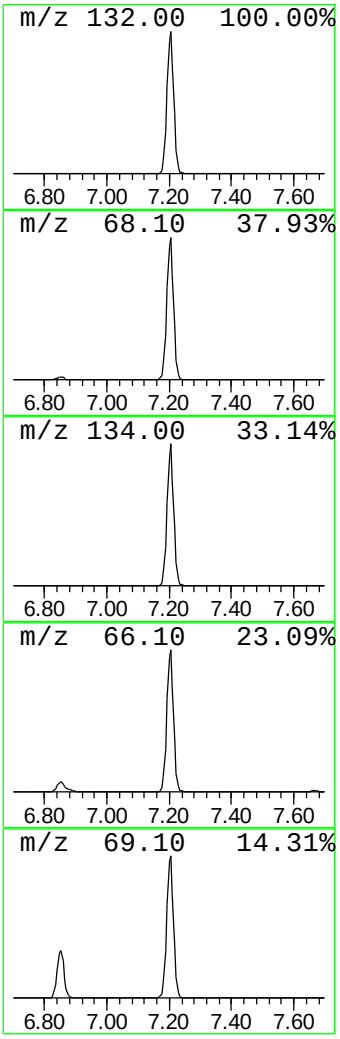
Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	93.67 ng	1648010	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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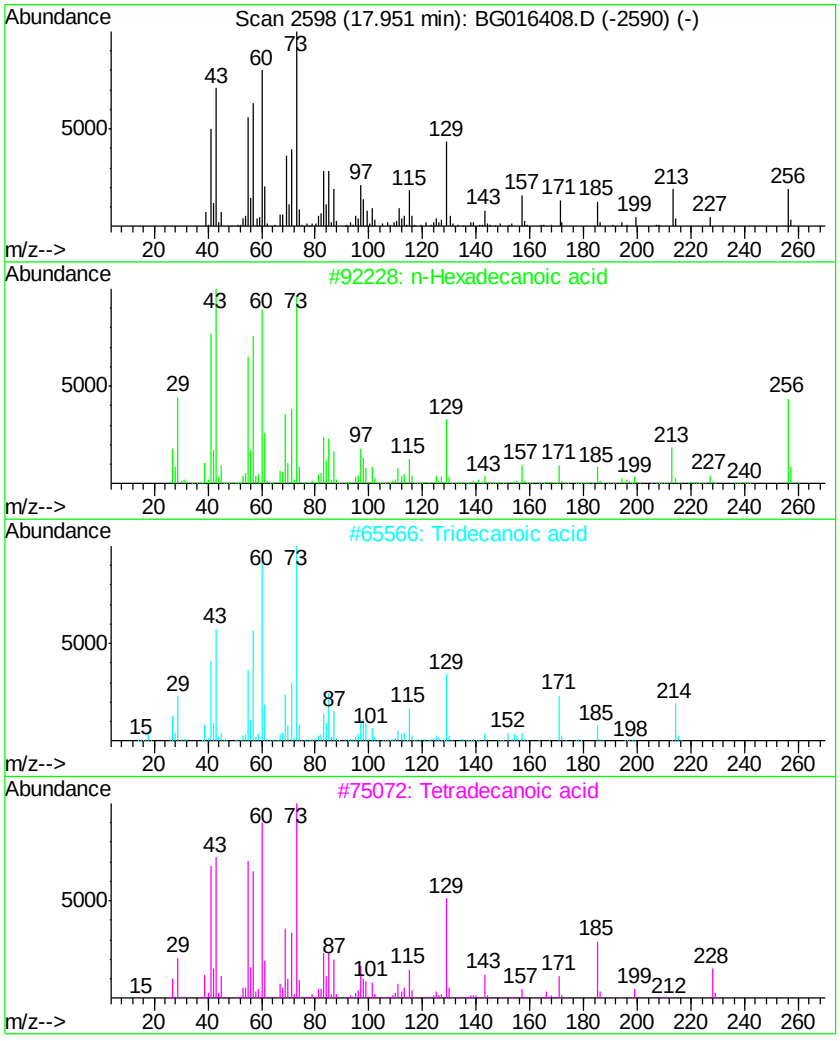
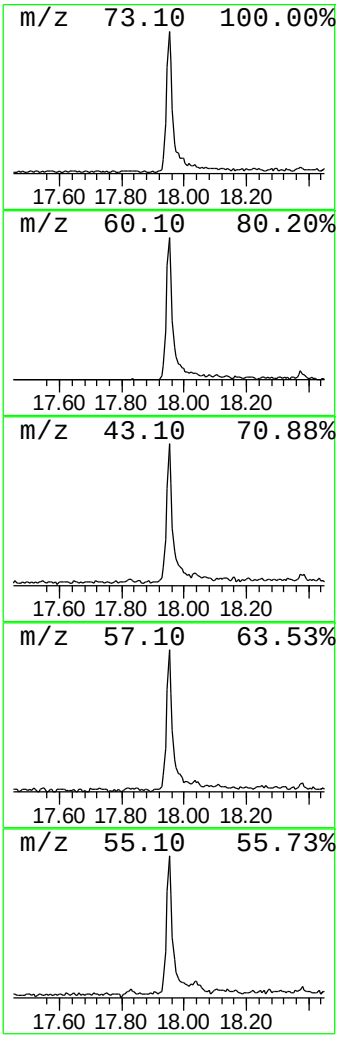
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	7.33 ng	326225	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
Data File : BG016408.D
Acq On : 14 Apr 2015 21:57
Operator : TP/IZ
Sample : G1848-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

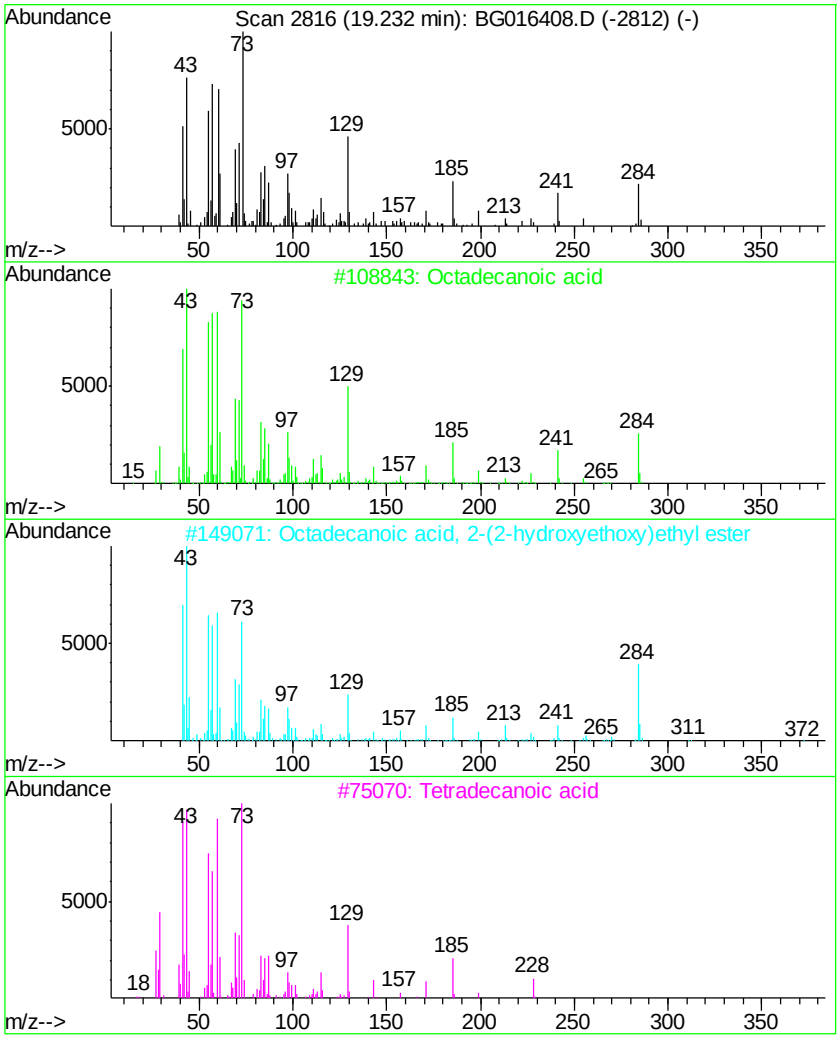
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

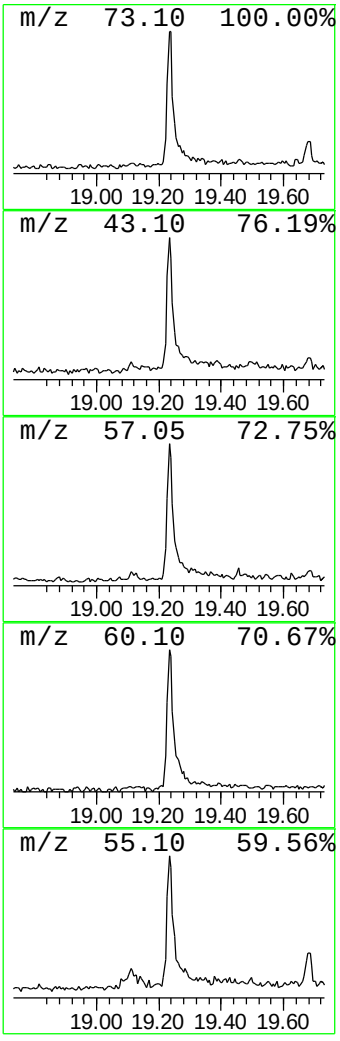
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	4.26 ng	232346	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Instrument : BNA_G
ClientSampleId : TE-PMW-2-22

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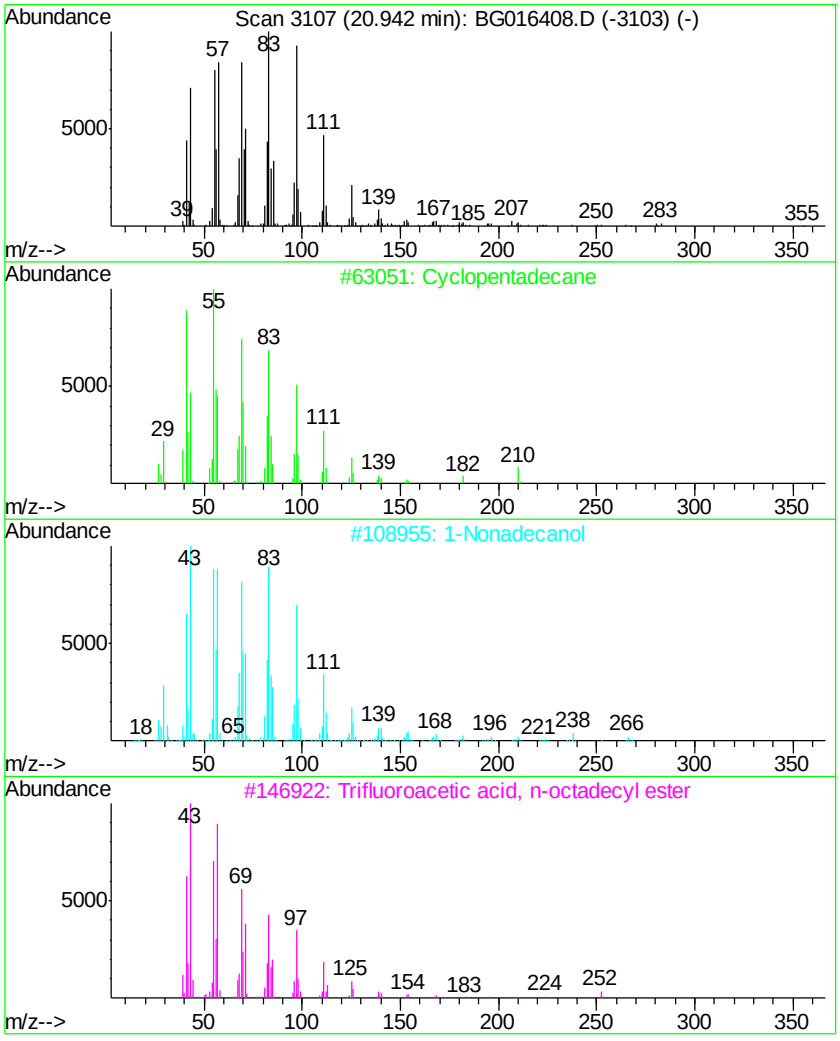
TIC Integration Parameters: LSCINT.P

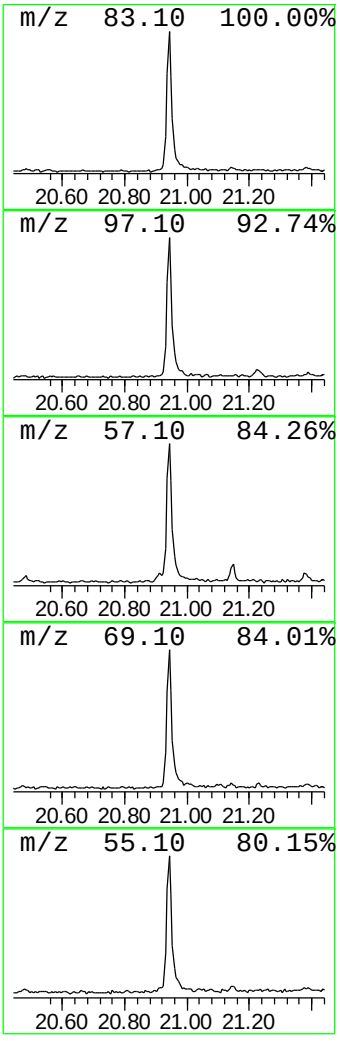
****

Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.48 ng	353247	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Nonadecanol	284	C19H40O	001454-84-8	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
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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...	2.84	30.1	ng	529722	1	7.67	351867	20.0
2-Pentanone, 4-hy...	4.78	4.6	ng	80536	1	7.67	351867	20.0
unknown7.20	7.20	93.7	ng	1648010	1	7.67	351867	20.0
n-Hexadecanoic acid	17.95	7.3	ng	326225	4	17.05	890261	20.0
Octadecanoic acid	19.23	4.3	ng	232346	5	21.23	1090220	20.0
Cyclopentadecane	20.94	6.5	ng	353247	5	21.23	1090220	20.0