LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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	2.758	7	12	21	rBV	368677	562501	17.55%	2.837%
2	2.835	21	25	40	rVB	350522	450352	14.05%	2.272%
3	4.779	351	356	366	rVB	56828	80129	2.50%	0.404%
4	5.255	429	437	445	rBV	466405	683208	21.31%	3.446%
5	6.848	702	708	718	rBV	302374	484604	15.12%	2.444%
6	7.200	760	768	776	rBV	919144	1410202	43.99%	7.113%
7	7.664	841	847	854	rBV	226264	338173	10.55%	1.706%
8	7.987	894	902	911	rVB	846858	1348509	42.07%	6.802%
9	8.822	1038	1044	1053	rVB	721638	1138334	35.51%	5.742%
10	10.449	1313	1321	1330	rBV	328848	545792	17.03%	2.753%
11	12.723	1702	1708	1711	rBV2	25811	46958	1.46%	0.237%
12	12.929	1734	1743	1750	rBV	1901795	2746696	85.69%	13.854%
13	13.769	1879	1886	1890	rBV	34600	50075	1.56%	0.253%
14	14.309	1972	1978	1988	rVB2	523088	777722	24.26%	3.923%
15	15.673	2204	2210	2216	rBV	40200	60579	1.89%	0.306%
16	15.796	2225	2231	2241	rBV	1250809	1826552	56.98%	9.213%
17	17.053	2439	2445	2450	rBV2	699338	984693	30.72%	4.967%
18	17.359	2493	2497	2502	rBV	39899	54138	1.69%	0.273%
19	17.952	2593	2598	2606	rBV	147583	226662	7.07%	1.143%
20	19.233	2812	2816	2830	rBV2	79664	137763	4.30%	0.695%
21	19.680	2886	2892	2904	rBV	2563704	3205449	100.00%	16.168%
22	20.479	3024	3028	3032	rBV4	30271	48434	1.51%	0.244%
23	20.943	3104	3107	3115	rBV	95618	127098	3.97%	0.641%
24	21.149	3138	3142	3147	rBV	390375	417063	13.01%	2.104%
25	21.231	3151	3156	3162	rBV	804427	1017831	31.75%	5.134%
26	21.378	3179	3181	3185	rVB	33300	33489	1.04%	0.169%
27	22.265	3329	3332	3339	rVB6	45553	71230	2.22%	0.359%
28	23.458	3529	3535	3543	rVB2	507000	951586	29.69%	4.800%

Sum of corrected areas: 19825822

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
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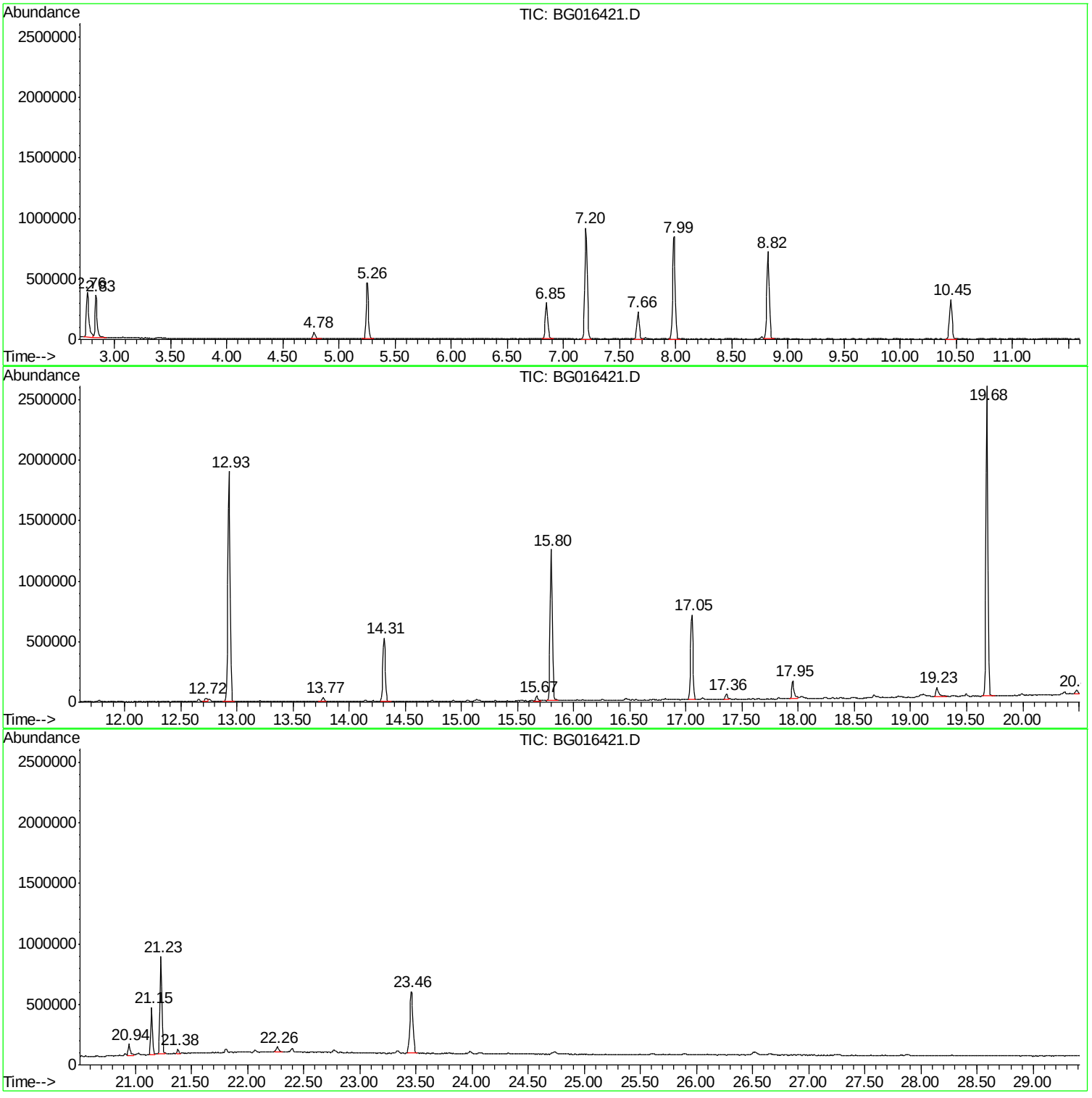
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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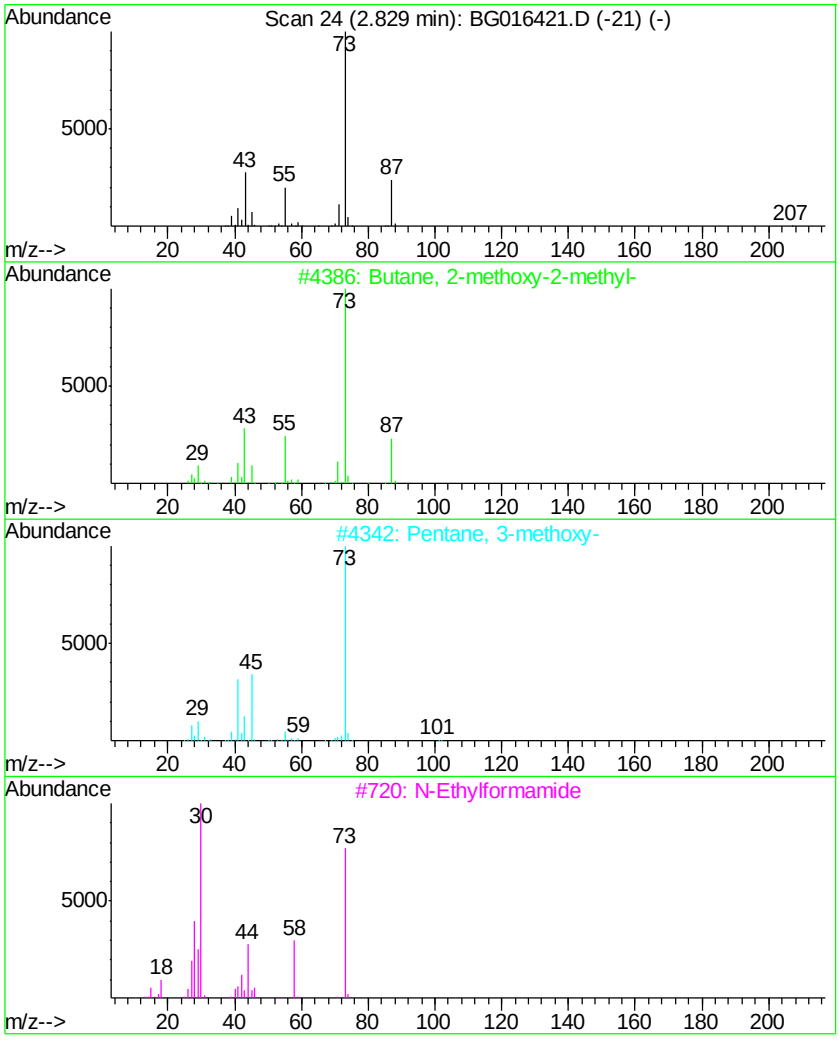
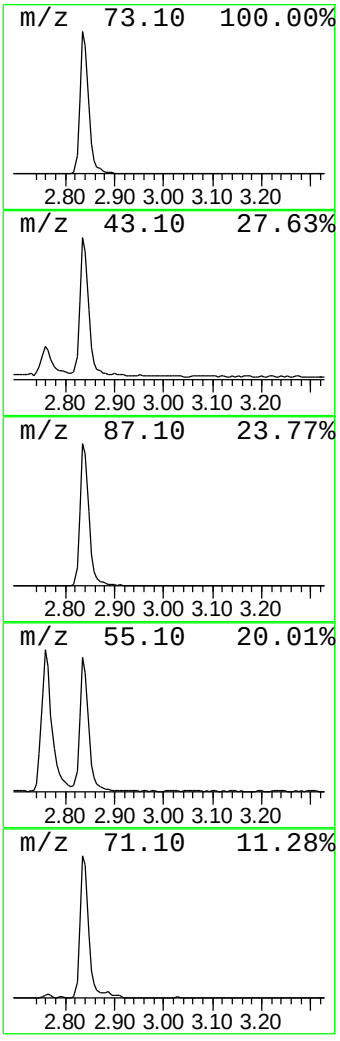
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	26.63 ng	450352	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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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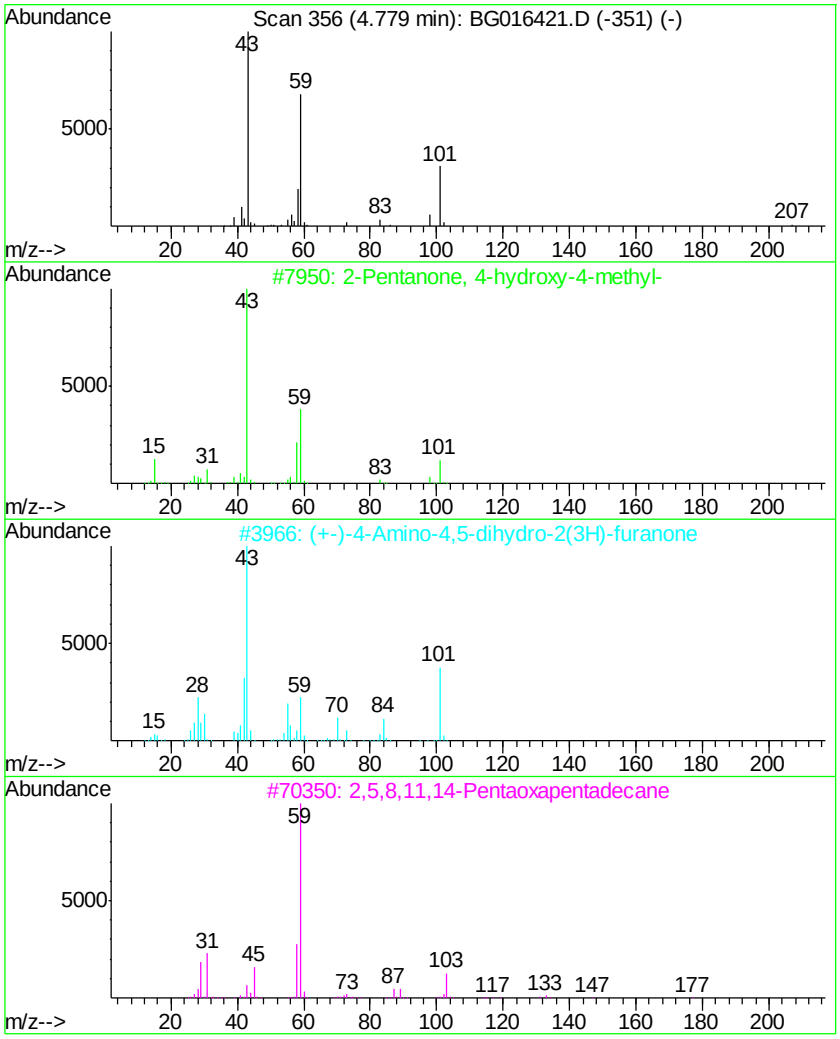
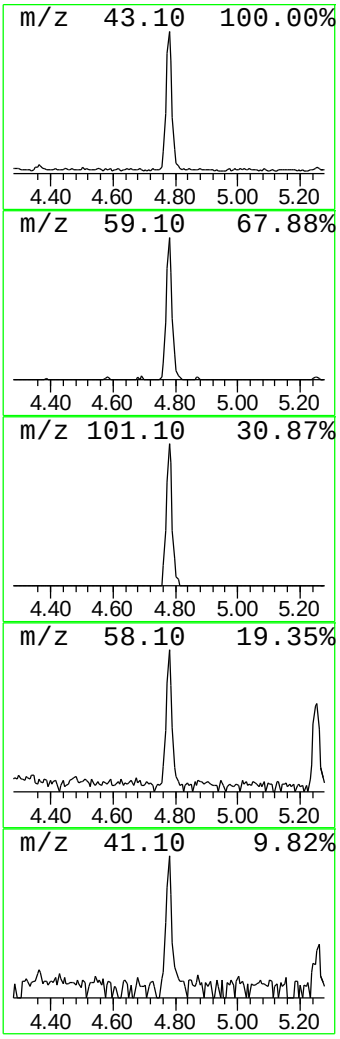
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	4.74 ng	80129	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	28
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	28
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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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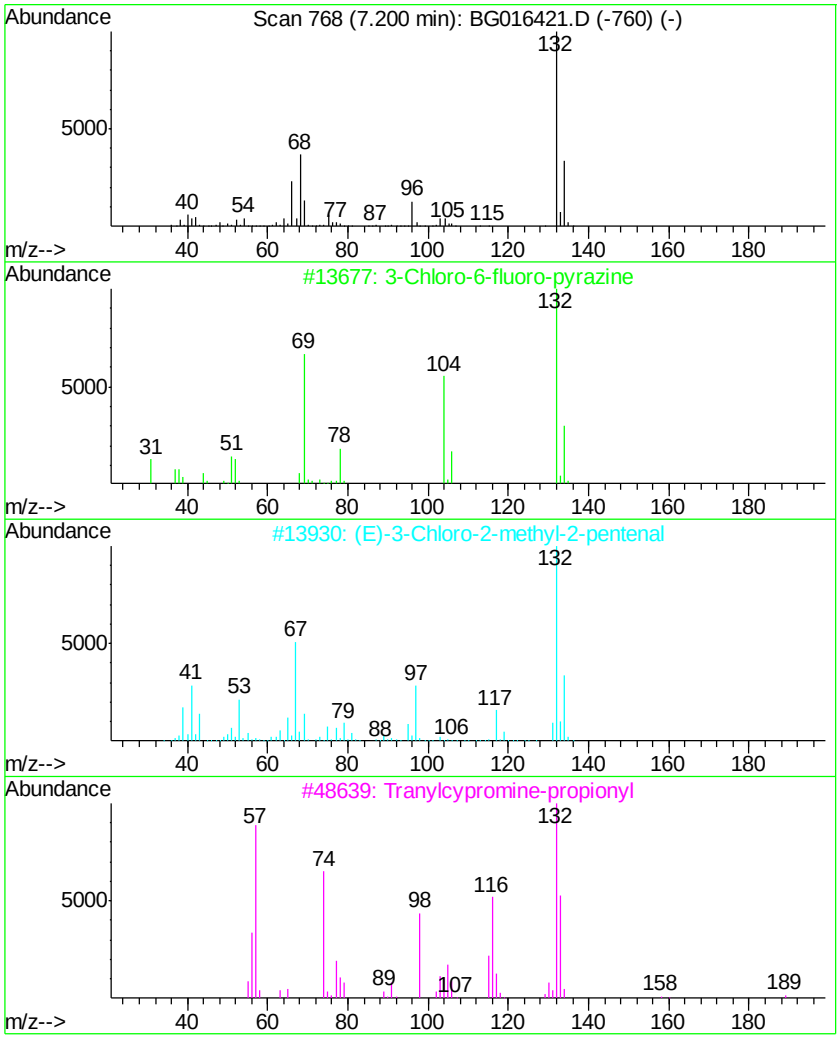
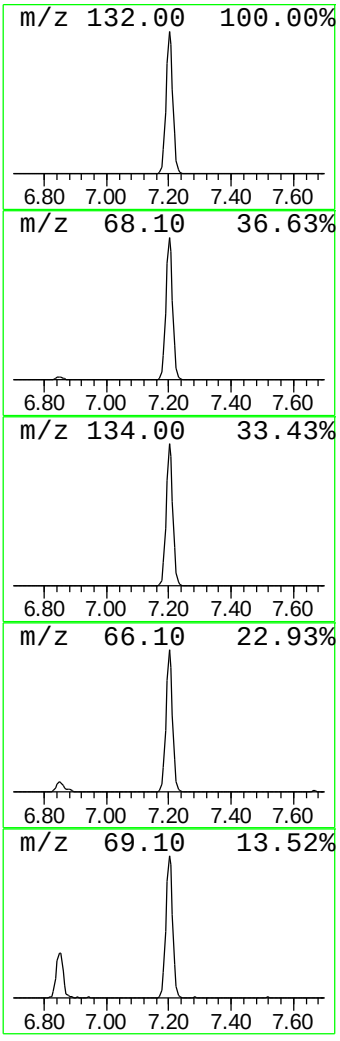
Peak Number 4 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	83.40 ng	1410200	1,4-Dichlorobenzene-d4	7.66

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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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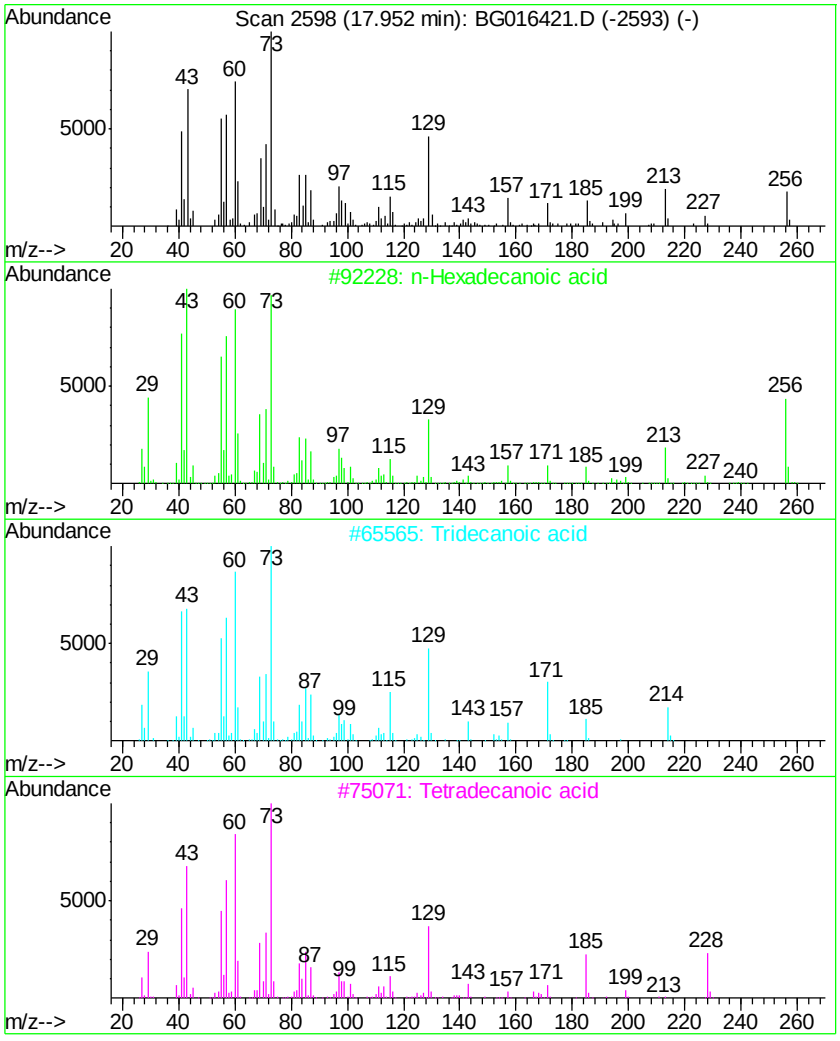
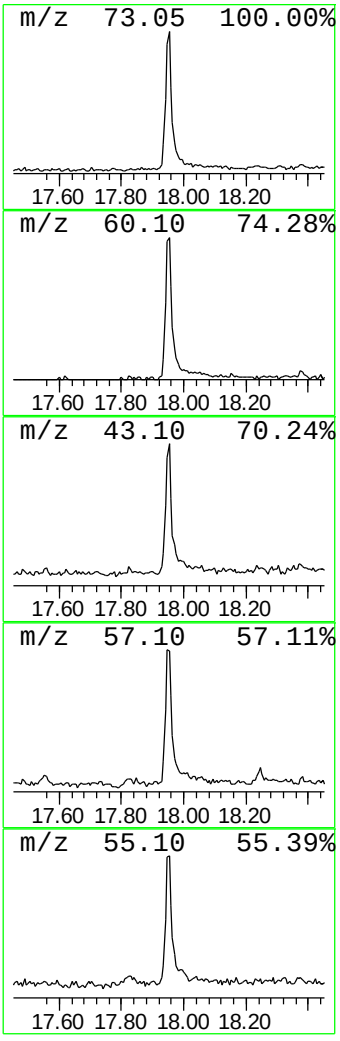
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	4.60 ng	226662	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	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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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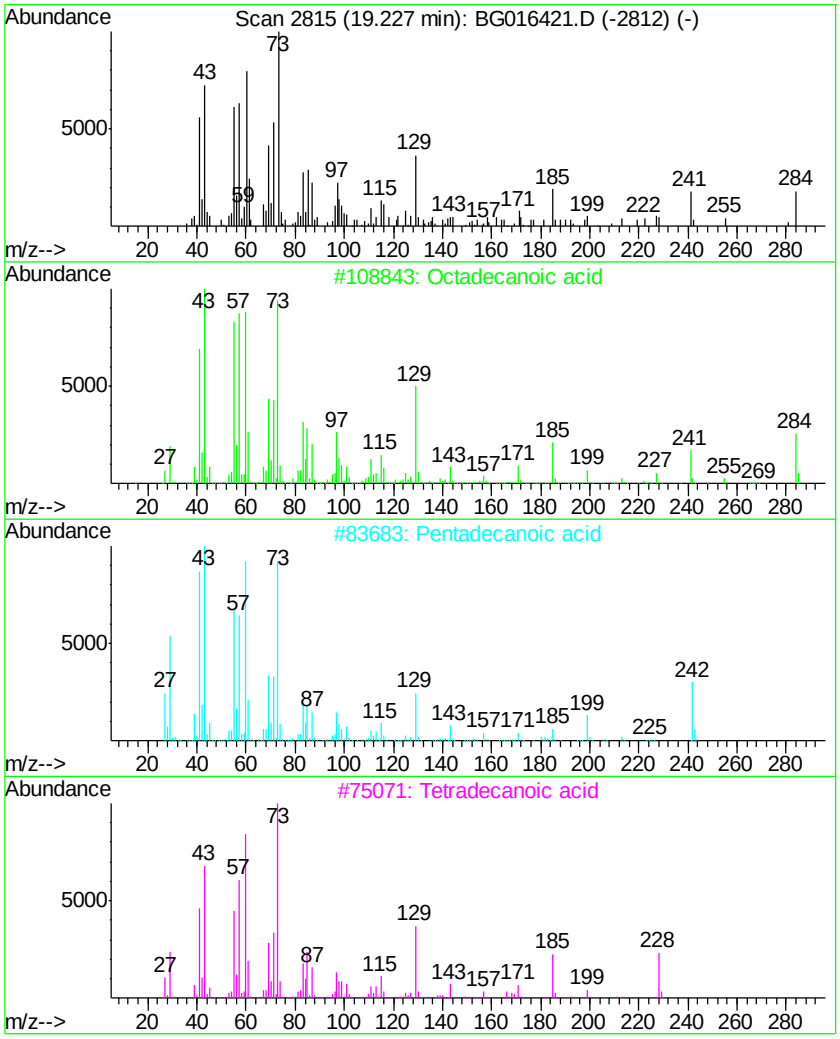
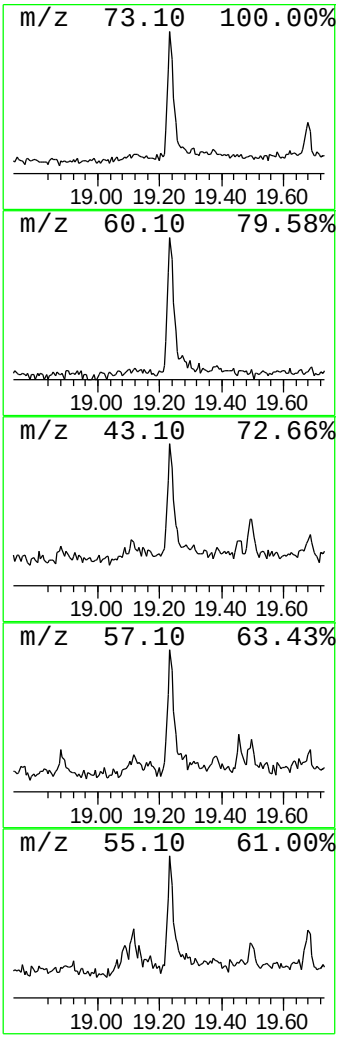
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.71 ng	137763	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Hexadecane	226	C16H34	000544-76-3	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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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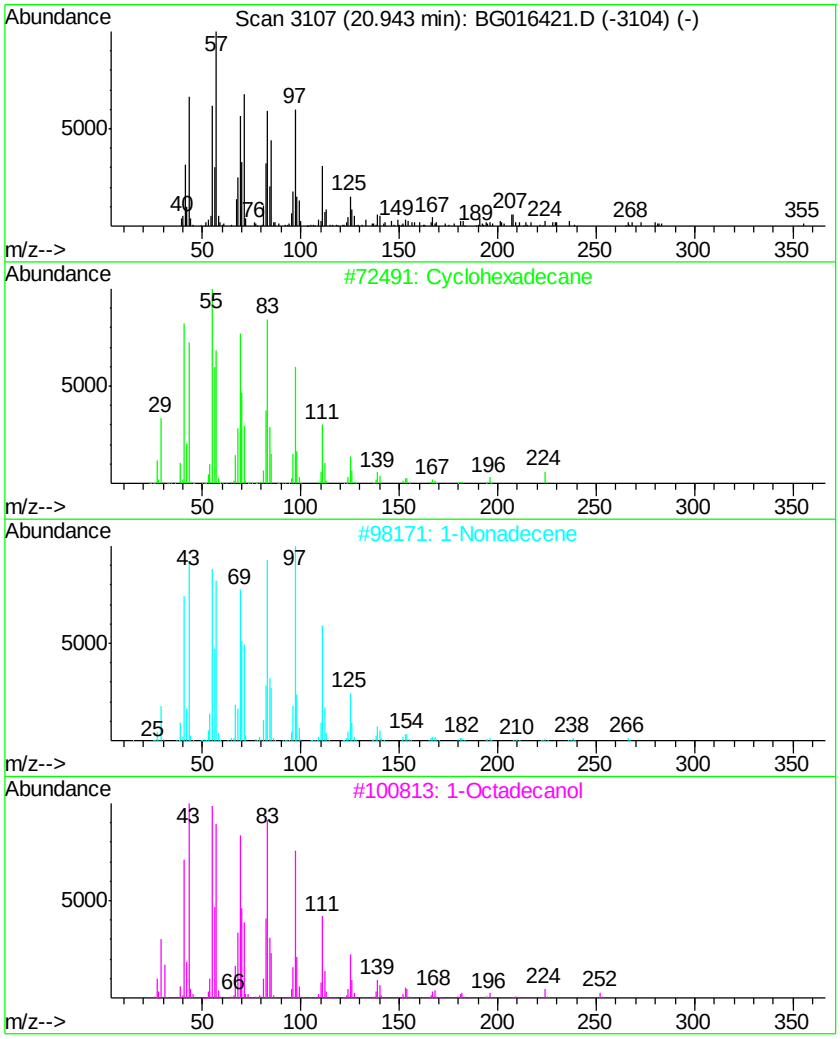
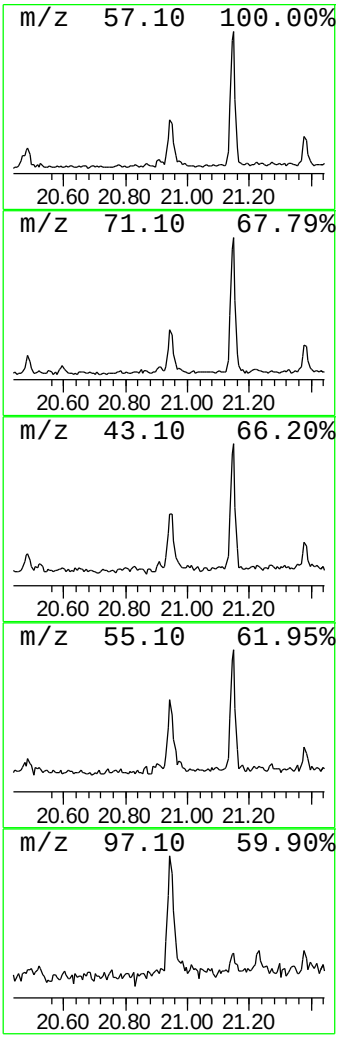
Peak Number 8 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.50 ng	127098	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	1-Octadecanol	270	C18H38O	000112-92-5	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
Data File : BG016421.D
Acq On : 15 Apr 2015 14:06
Operator : TP/IZ
Sample : G1848-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TE-PMW-2-15

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.83	26.6	ng	450352	1	7.66	338173	20.0
2-Pentanone, 4-hy...	4.78	4.7	ng	80129	1	7.66	338173	20.0
unknown7.20	7.20	83.4	ng	1410200	1	7.66	338173	20.0
n-Hexadecanoic acid	17.95	4.6	ng	226662	4	17.05	984693	20.0
Octadecanoic acid	19.23	2.7	ng	137763	5	21.23	1017830	20.0
Cyclohexadecane	20.94	2.5	ng	127098	5	21.23	1017830	20.0