LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017461.D
Acq On : 5 Jun 2015 4:49
Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

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-BG060315.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	4.732	344	348	356	rVB2	17079	25196	1.95%	0.394%
2	5.214	424	430	440	rBV	313451	447121	34.58%	6.993%
3	6.824	698	704	715	rBV	326606	500303	38.69%	7.825%
4	7.165	755	762	771	rBV	319507	491355	38.00%	7.685%
5	7.623	834	840	847	rVB	62596	90935	7.03%	1.422%
6	7.946	888	895	903	rVB	208818	329115	25.45%	5.148%
7	8.786	1031	1038	1046	rBV	188974	305867	23.65%	4.784%
8	10.414	1309	1315	1328	rVB	74774	130351	10.08%	2.039%
9	12.905	1732	1739	1747	rBV	450556	635492	49.14%	9.939%
10	13.751	1878	1883	1890	rVB	33861	47725	3.69%	0.746%
11	14.292	1969	1975	1983	rVB2	123317	184127	14.24%	2.880%
12	15.784	2223	2229	2244	rBV	455399	651842	50.41%	10.195%
13	17.041	2437	2443	2448	rBV	182227	256046	19.80%	4.005%
14	17.946	2593	2597	2603	rBV2	22419	30446	2.35%	0.476%
15	19.104	2790	2794	2802	rBV	11934	17816	1.38%	0.279%
16	19.679	2886	2892	2898	rBV	1096429	1293142	100.00%	20.225%
17	20.943	3103	3107	3117	rBV2	74870	125083	9.67%	1.956%
18	21.230	3150	3156	3161	rBV	269356	344213	26.62%	5.384%
19	22.270	3329	3333	3338	rBV6	14805	21976	1.70%	0.344%
20	22.400	3351	3355	3361	rVB4	13323	19140	1.48%	0.299%
21	22.787	3415	3421	3426	rBV7	17249	37138	2.87%	0.581%
22	23.463	3529	3536	3544	rBV	169654	317065	24.52%	4.959%
23	23.992	3621	3626	3636	rVB5	25143	50992	3.94%	0.798%
24	25.631	3900	3905	3910	rVB8	6557	13466	1.04%	0.211%
25	26.189	3993	4000	4001	rBV5	16350	27714	2.14%	0.433%

Sum of corrected areas: 6393666

LSC Report - Integrated Chromatogram

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Misc :
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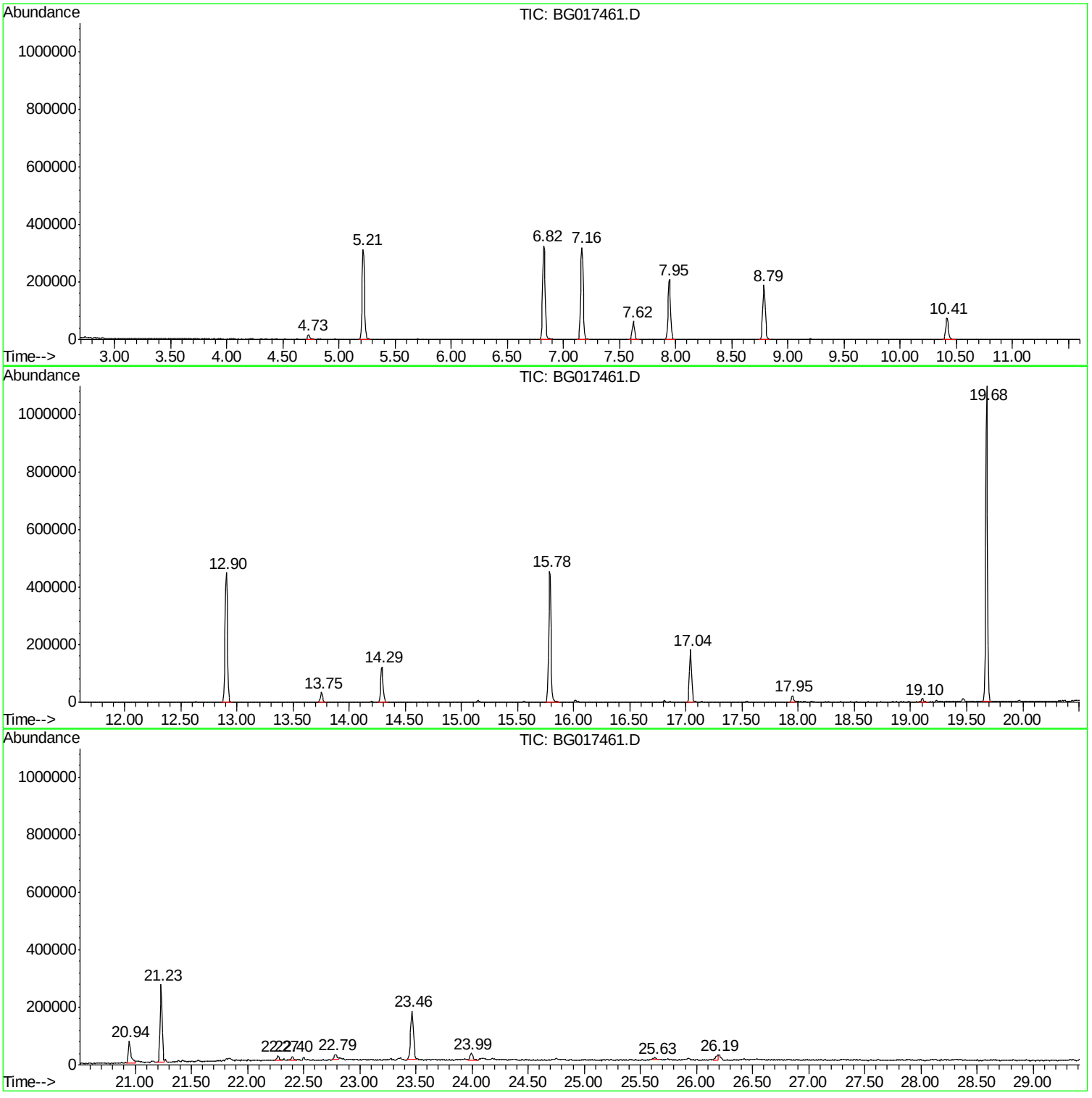
Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017461.D
Acq On : 5 Jun 2015 4:49
Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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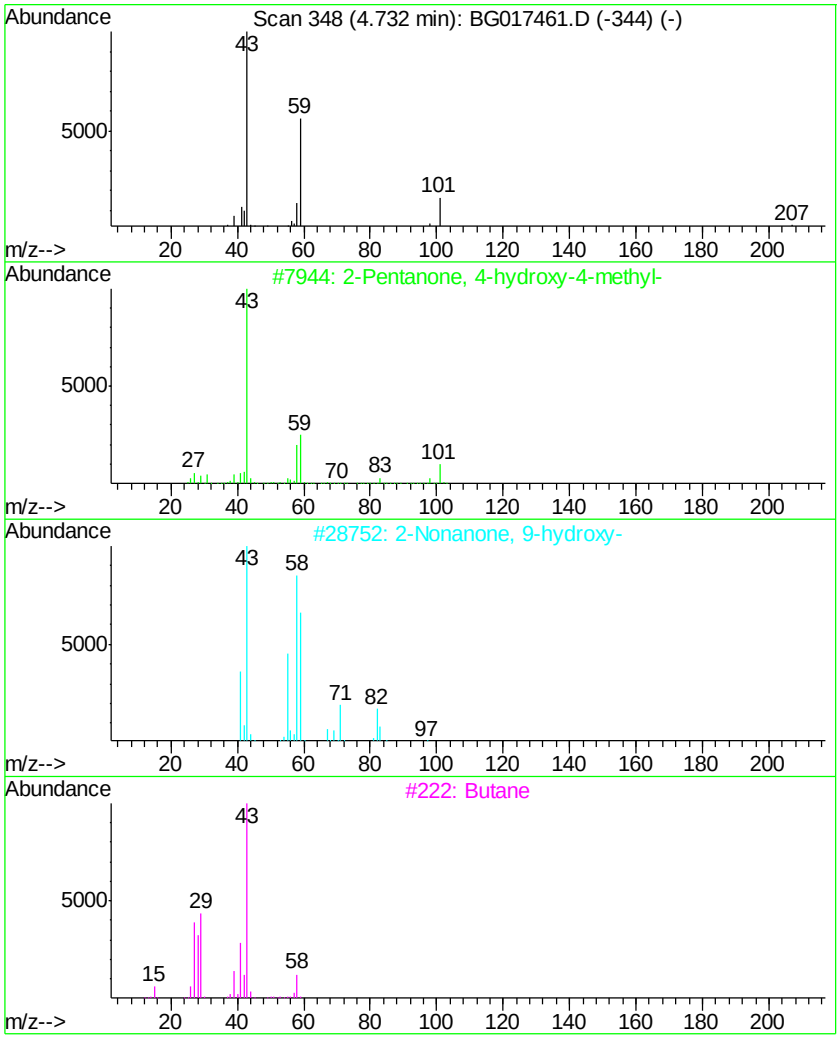
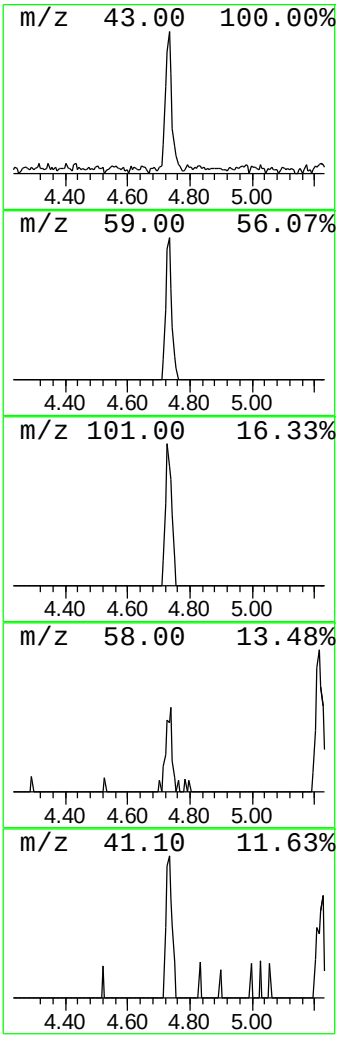
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.54 ng	25196	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
3	Butane	58	C4H10	000106-97-8	9
4	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9





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Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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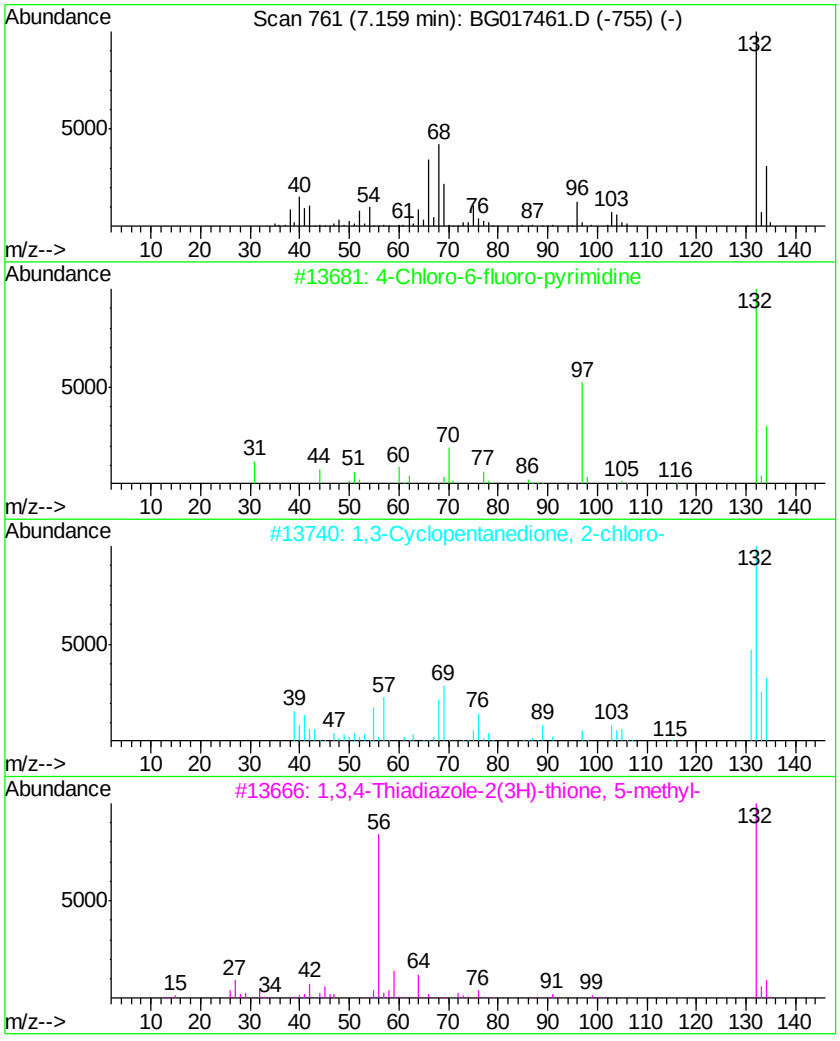
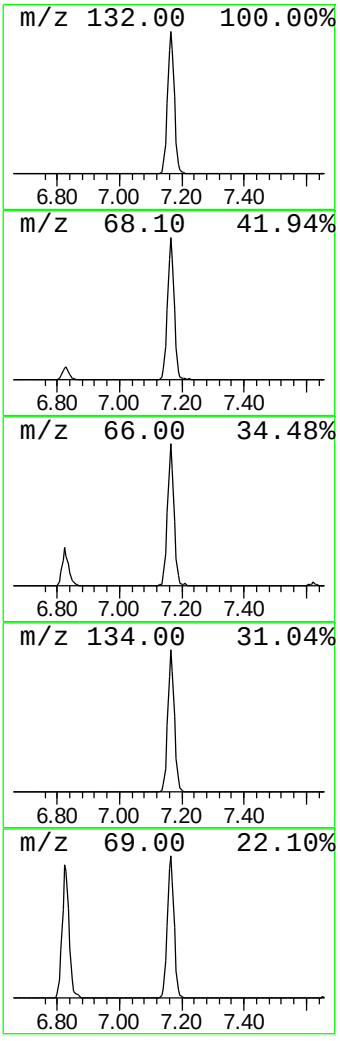
Peak Number 2 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	108.07 ng	491355	1,4-Dichlorobenzene-d4	7.62

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	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Data File : BG017461.D
Acq On : 5 Jun 2015 4:49
Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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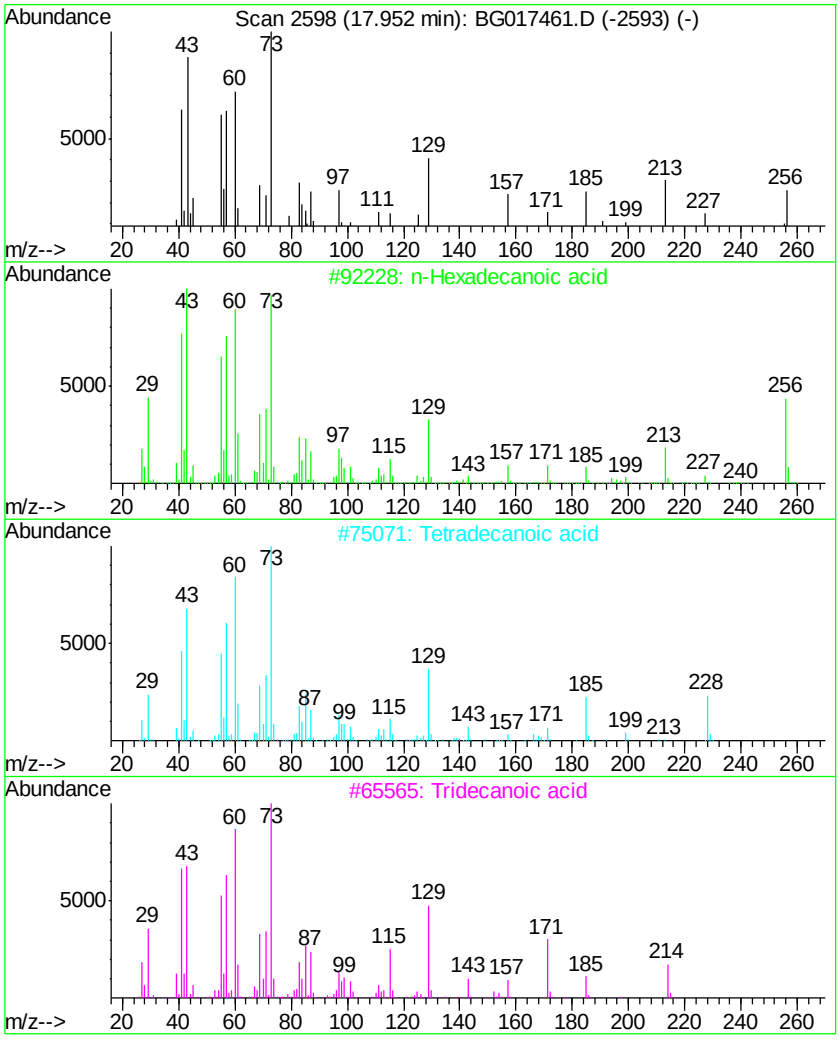
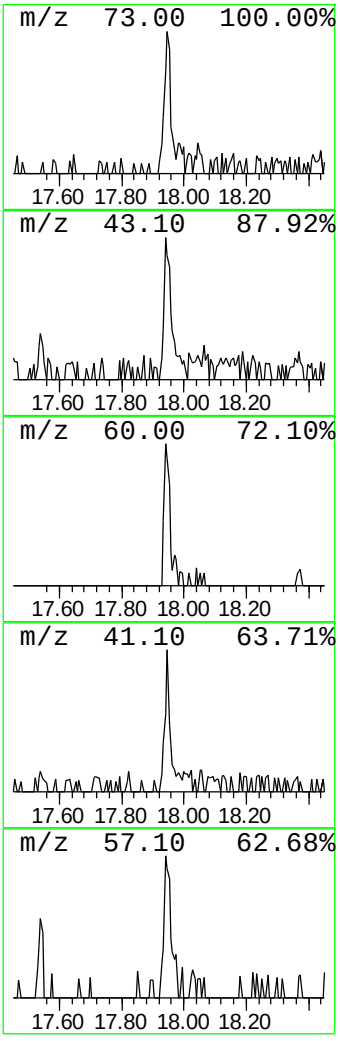
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.38 ng	30446	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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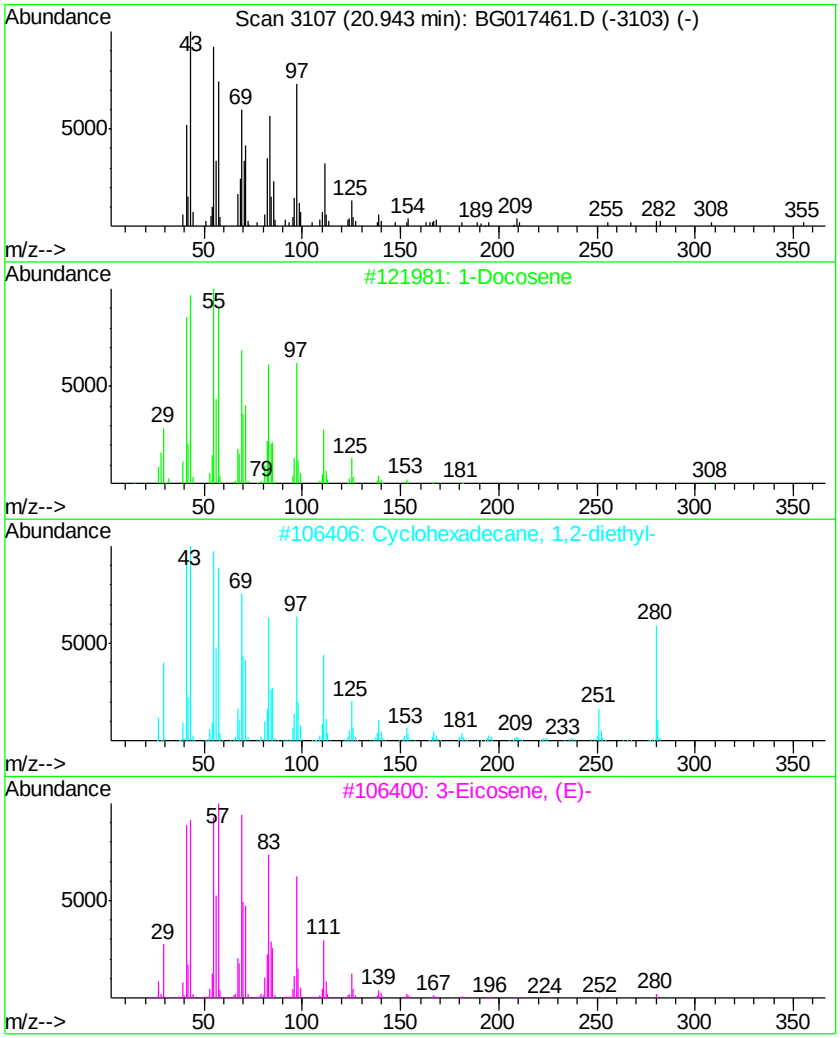
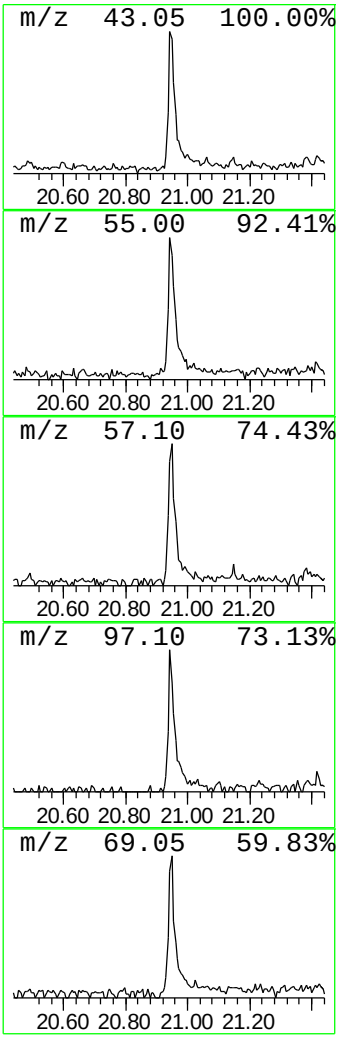
Peak Number 5 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.27 ng	125083	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	Cycloeicosane	280	C20H40	000296-56-0	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017461.D
Acq On : 5 Jun 2015 4:49
Operator : TP/IZ
Sample : G2429-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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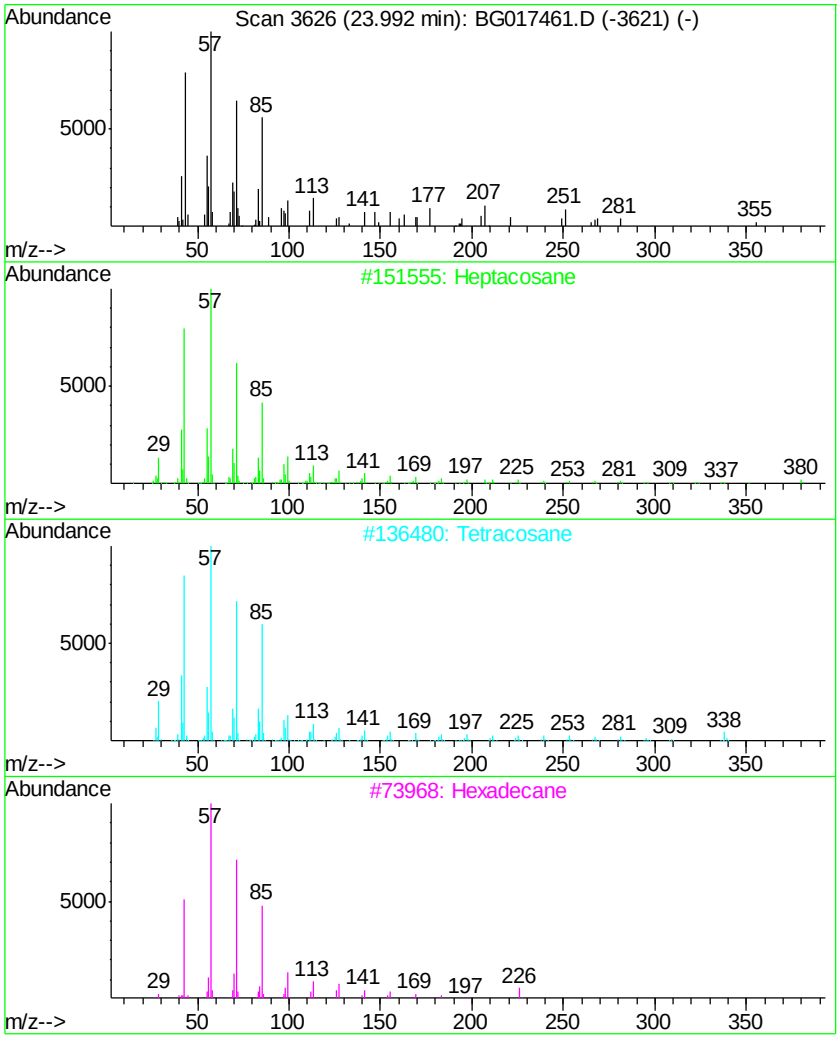
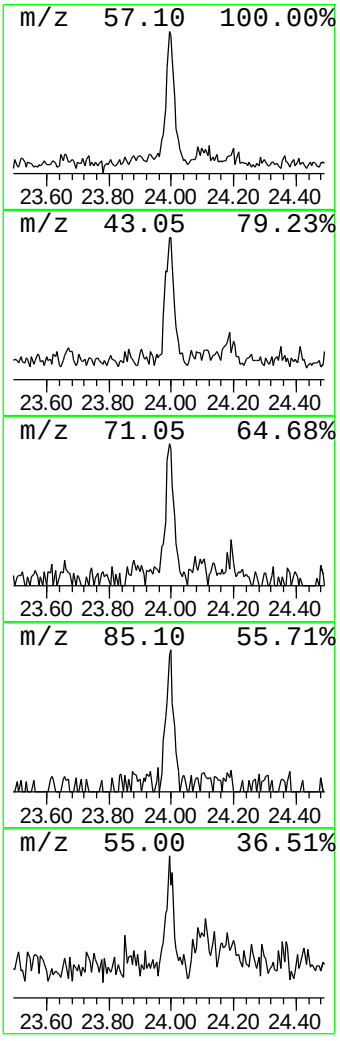
Peak Number 7 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.22 ng	50992	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	Tetracosane	338	C24H50	000646-31-1	53
3	Hexadecane	226	C16H34	000544-76-3	53
4	Tetratetracontane	619	C44H90	007098-22-8	53
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : TS16.2(3)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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
2-Pentanone, 4-hy...	4.73	5.5	ng	25196	1	7.62	90935	20.0
unknown7.16	7.16	108.1	ng	491355	1	7.62	90935	20.0
n-Hexadecanoic acid	17.95	2.4	ng	30446	4	17.04	256046	20.0
1-Docosene	20.94	7.3	ng	125083	5	21.23	344213	20.0
Heptacosane	23.99	3.2	ng	50992	6	23.47	317065	20.0