LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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	2.777	9	15	22	rBV	142553	259368	15.82%	2.902%
2	4.728	343	347	355	rVB2	26178	39617	2.42%	0.443%
3	5.227	426	432	440	rBV	268690	402432	24.55%	4.503%
4	6.843	700	707	716	rBV	189343	311832	19.02%	3.489%
5	7.172	756	763	772	rBV	409487	650385	39.68%	7.277%
6	7.624	833	840	846	rVB	115685	176474	10.77%	1.975%
7	7.942	888	894	903	rVB	347848	553109	33.74%	6.189%
8	8.788	1030	1038	1051	rBV	298172	493447	30.10%	5.521%
9	10.421	1309	1316	1328	rVB2	128362	235930	14.39%	2.640%
10	11.696	1527	1533	1539	rBV2	12153	19758	1.21%	0.221%
11	12.906	1732	1739	1749	rBV	765957	1081808	65.99%	12.104%
12	14.293	1968	1975	1986	rBV2	212421	319237	19.47%	3.572%
13	15.791	2224	2230	2243	rBV	672383	949684	57.93%	10.626%
14	17.043	2438	2443	2449	rBV	270542	384393	23.45%	4.301%
15	17.953	2593	2598	2612	rBV	122913	216963	13.24%	2.428%
16	19.240	2810	2817	2824	rBV	116463	184803	11.27%	2.068%
17	19.687	2887	2893	2900	rBV	1411269	1639233	100.00%	18.342%
18	20.956	3106	3109	3118	rBV7	32245	55217	3.37%	0.618%
19	21.161	3140	3144	3147	rBV2	23566	29133	1.78%	0.326%
20	21.238	3153	3157	3163	rBV	362698	467463	28.52%	5.230%
21	23.194	3486	3490	3496	rVB9	14353	27948	1.70%	0.313%
22	23.482	3533	3539	3546	rVB2	234695	439039	26.78%	4.912%

Sum of corrected areas: 8937273

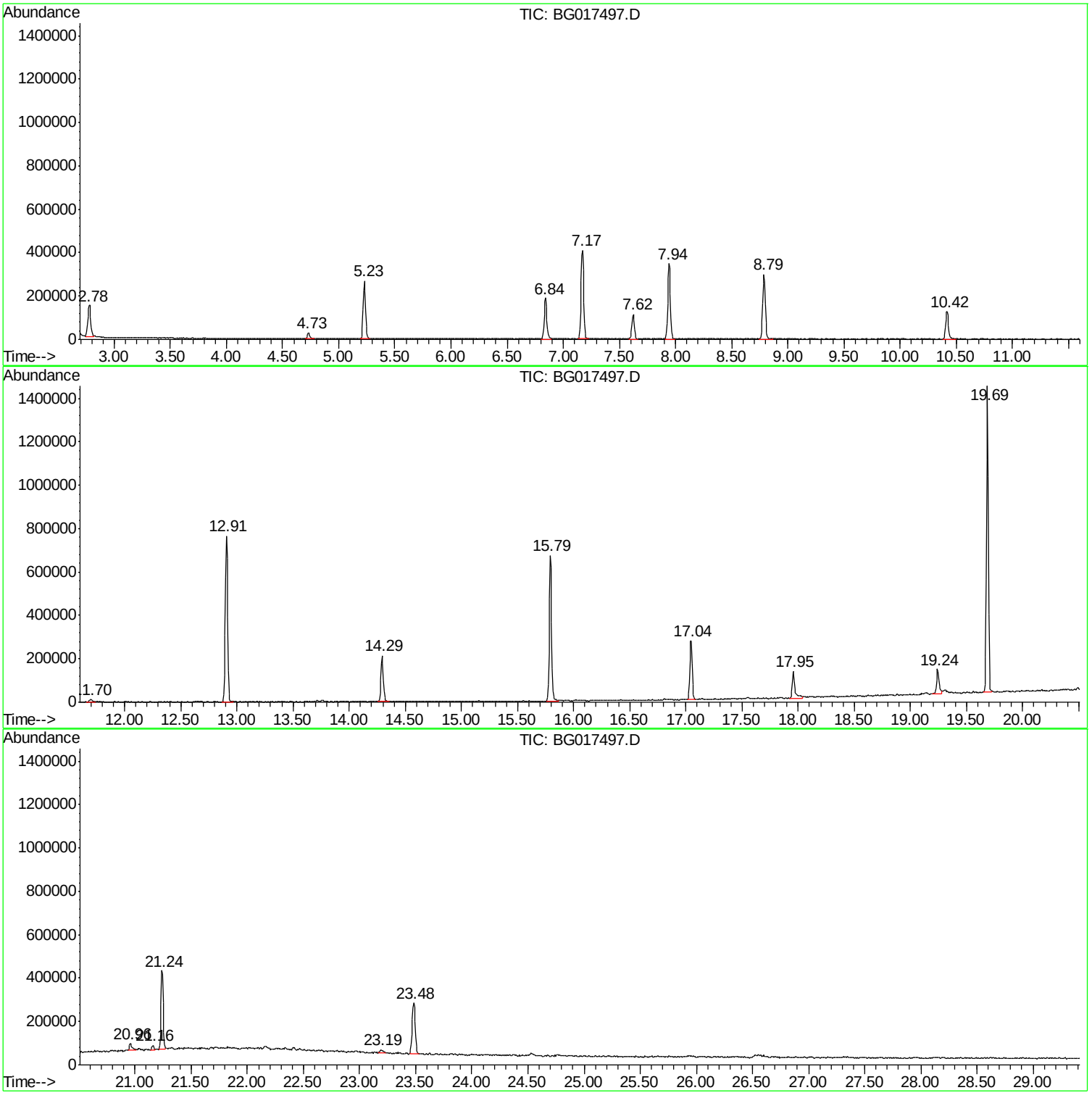
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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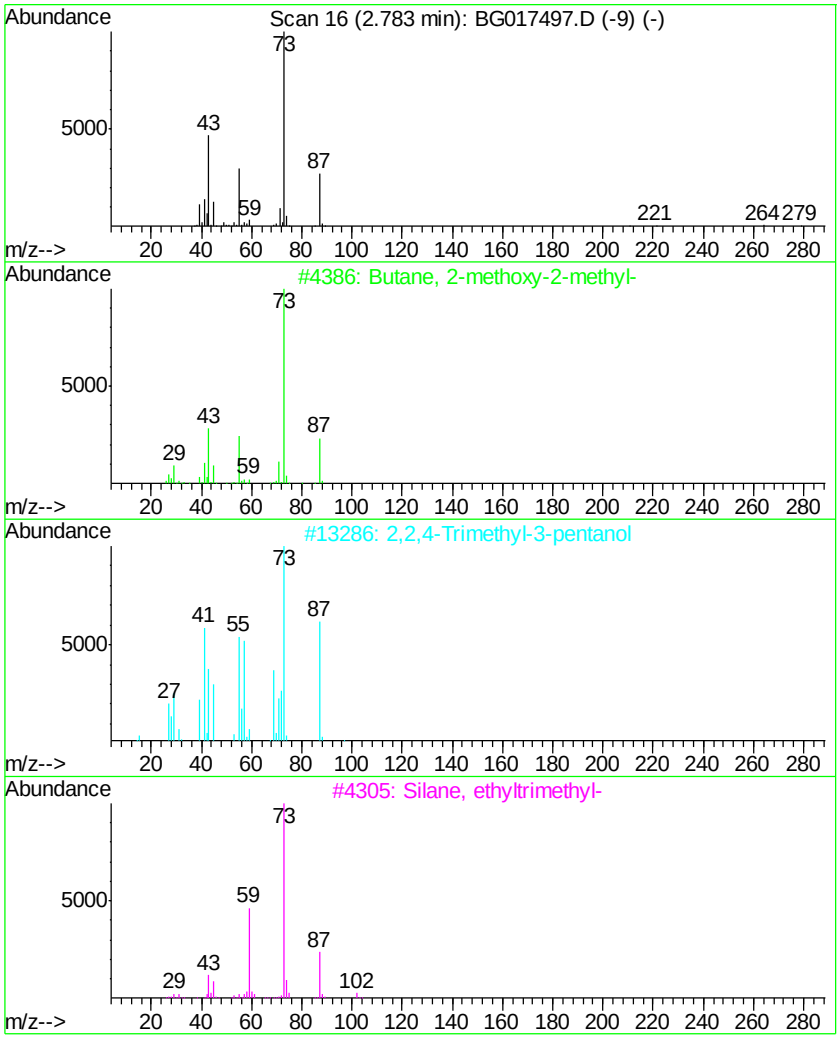
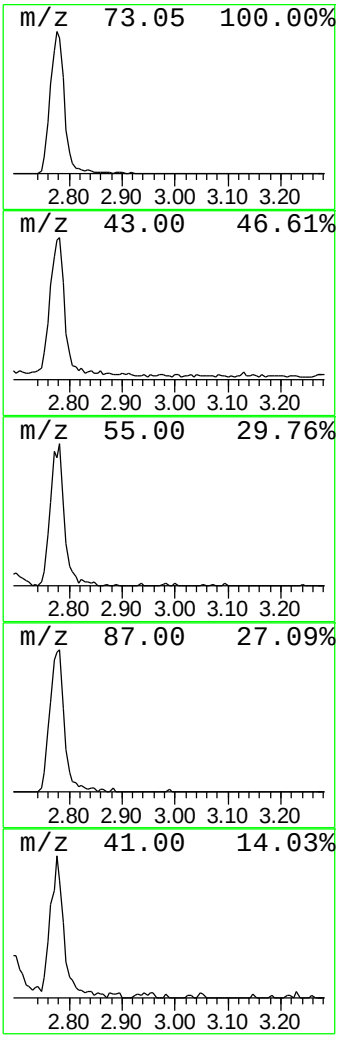
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	29.39 ng	259368	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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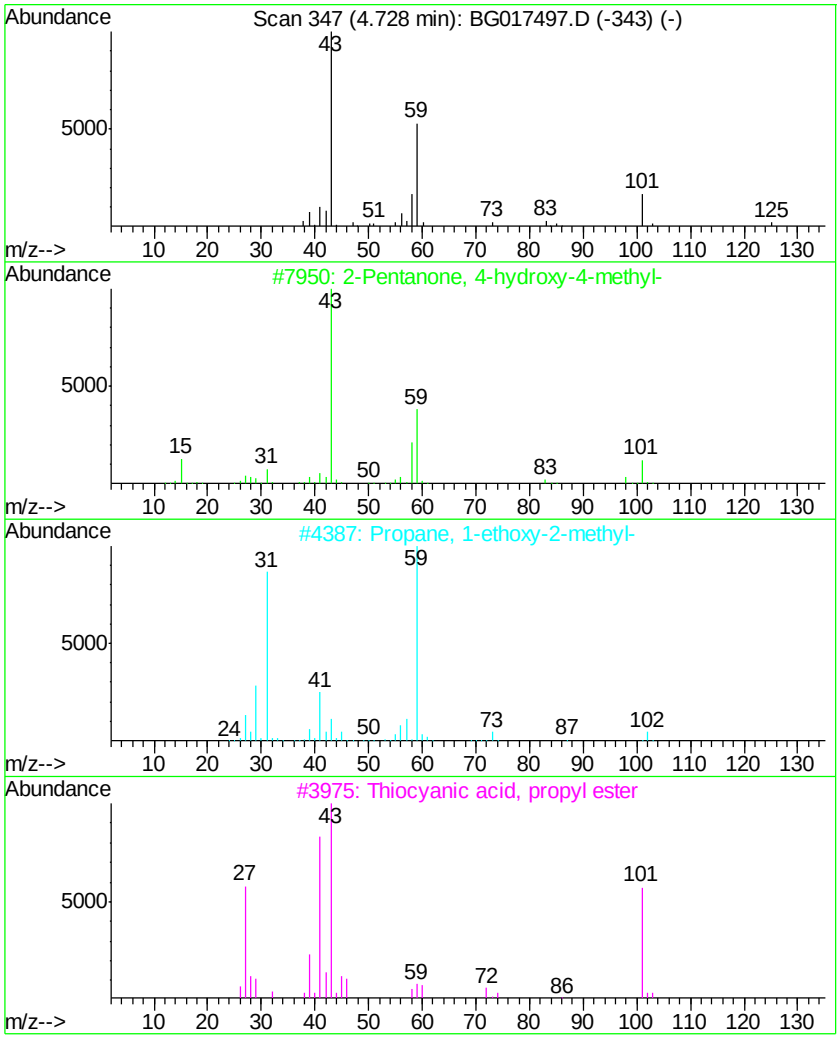
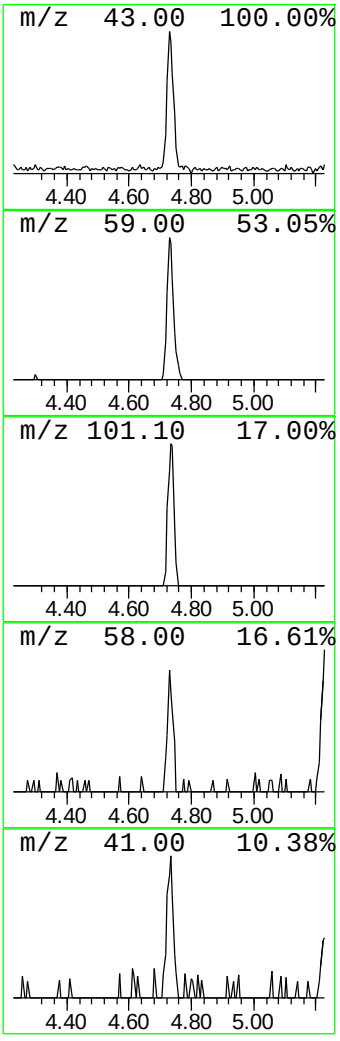
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.49 ng	39617	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	53
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
3	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	9
5	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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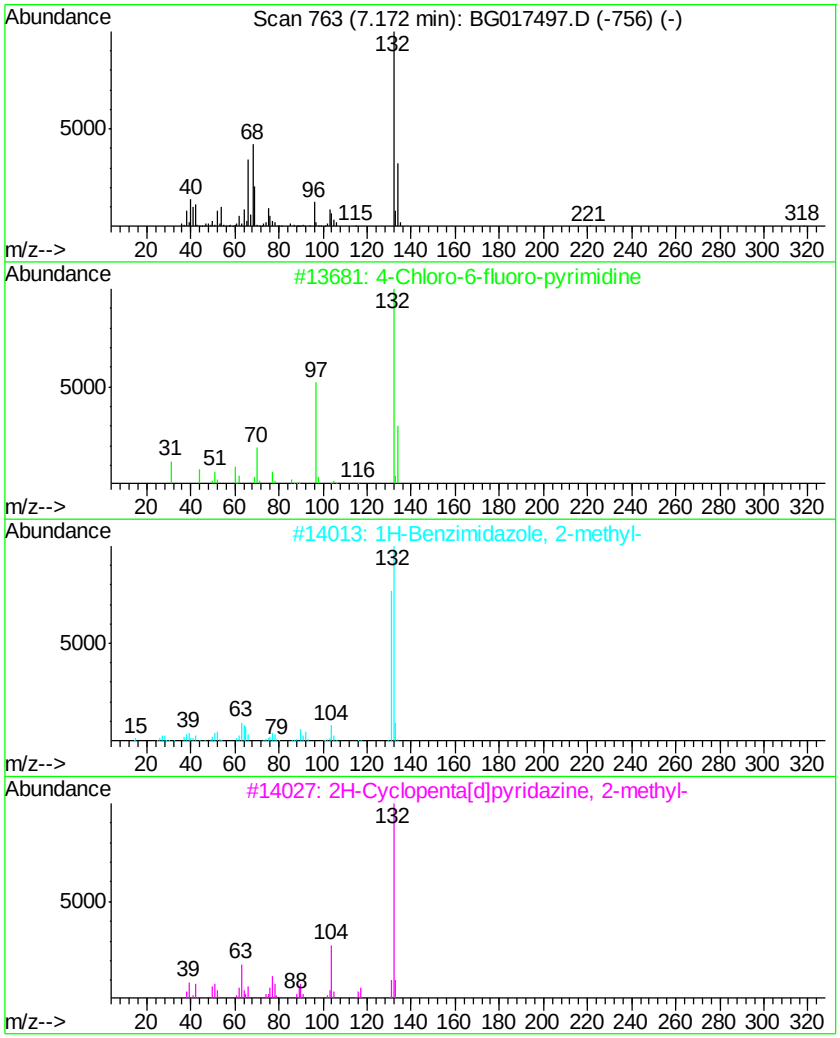
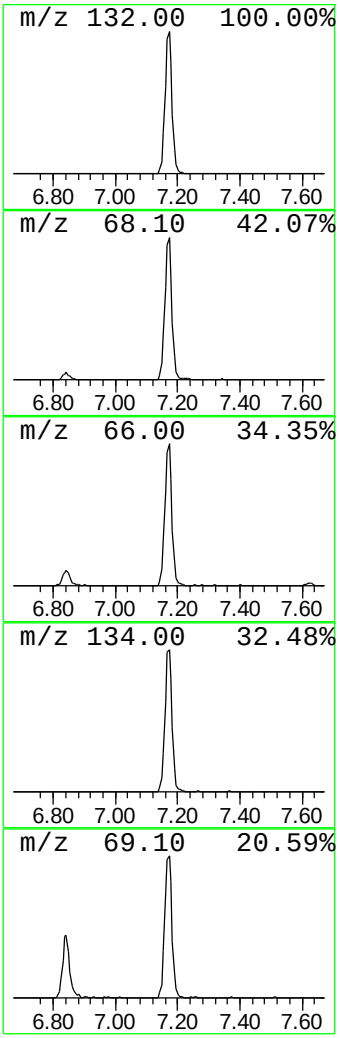
Peak Number 3 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	73.71 ng	650385	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	12





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Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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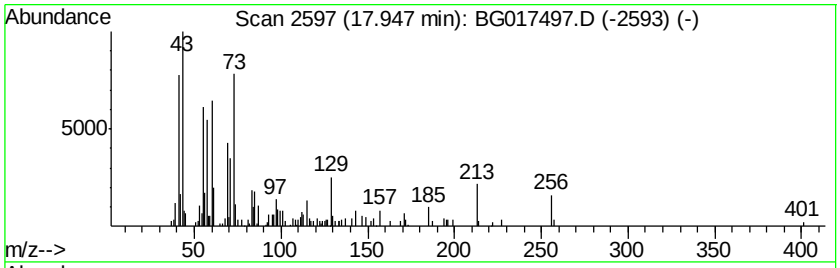
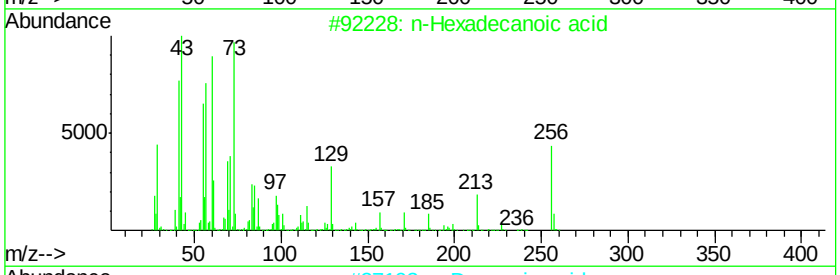
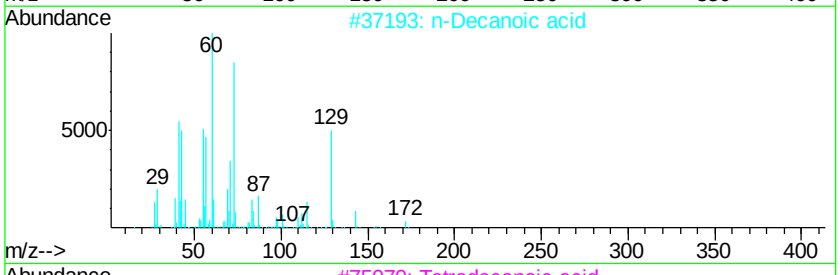
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

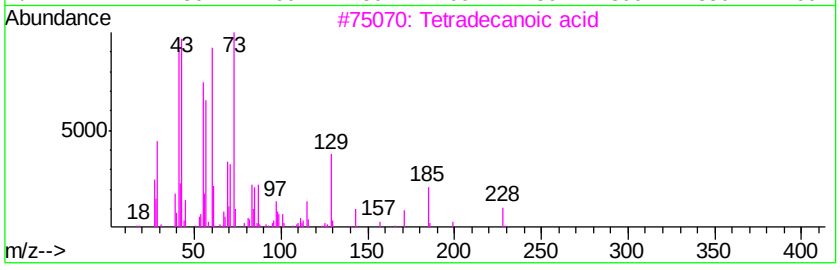
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	11.29 ng	216963	Phenanthrene-d10	17.05

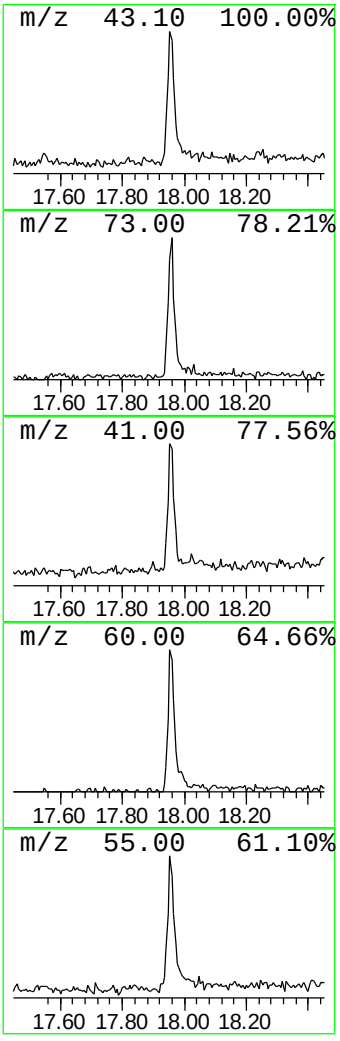
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43











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Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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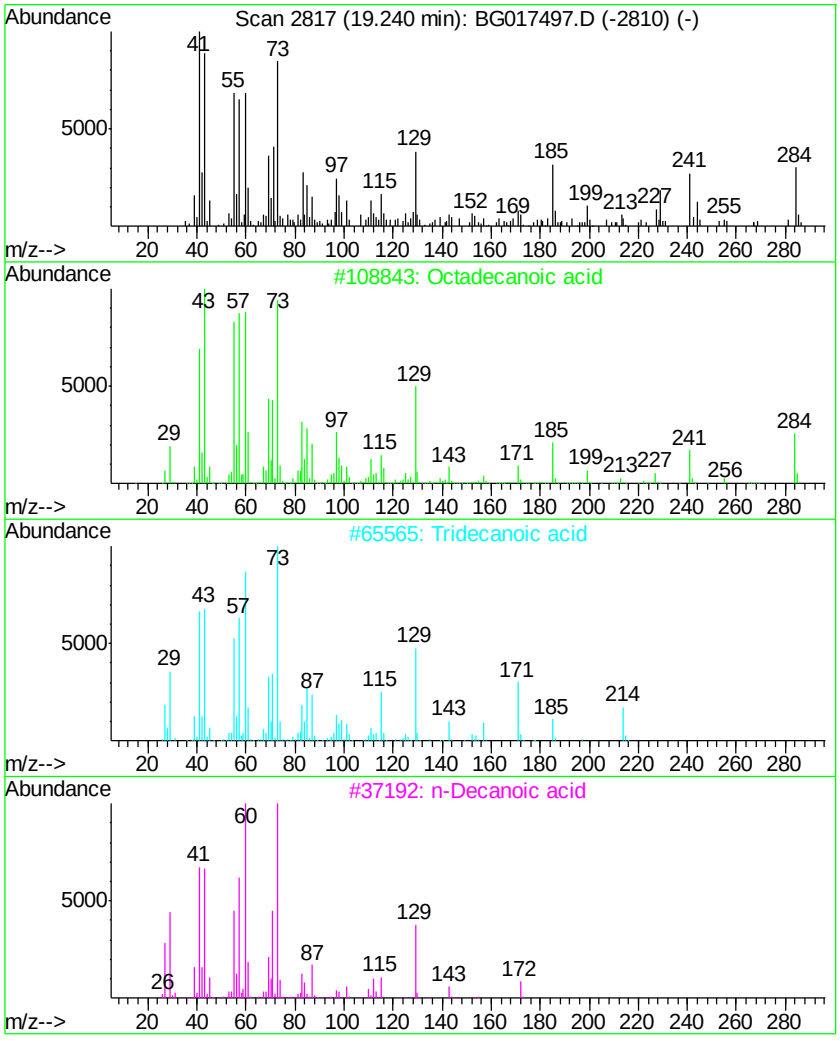
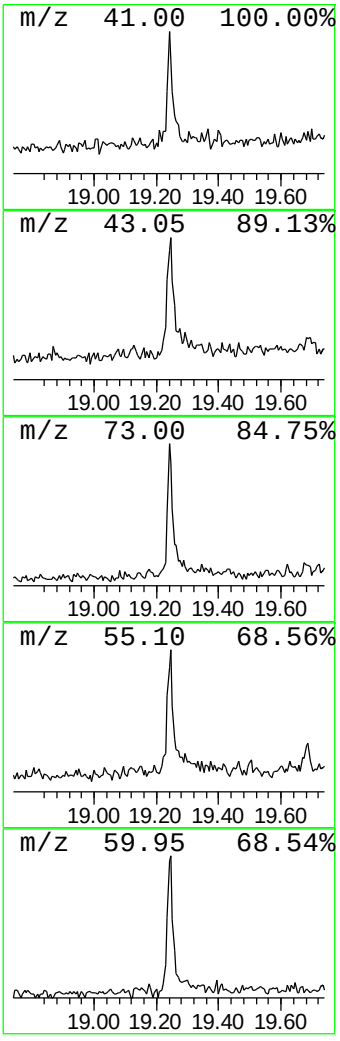
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	7.91 ng	184803	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Undecanoic acid	186	C11H22O2	000112-37-8	30





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Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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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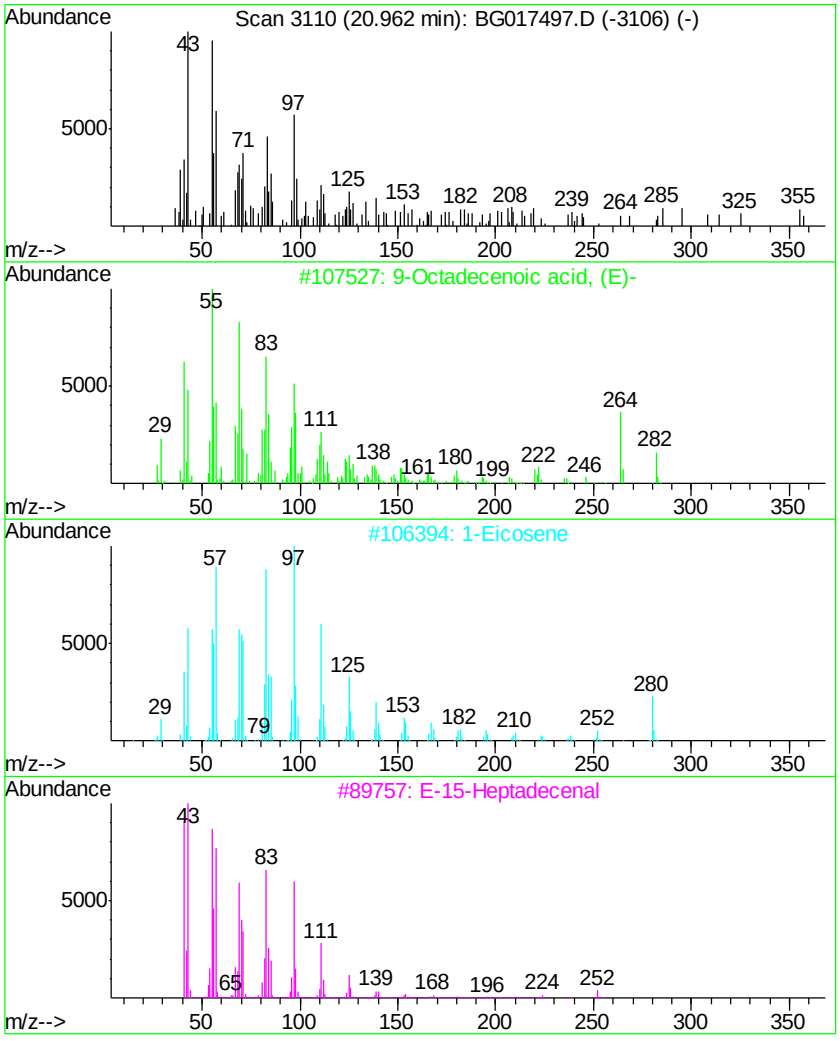
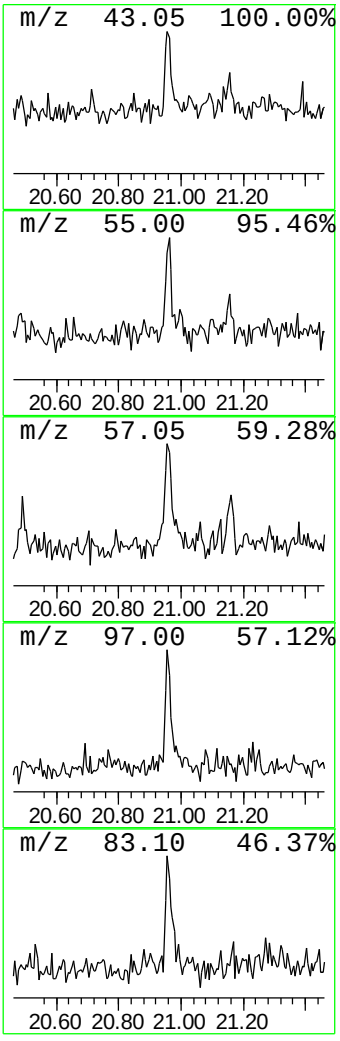
Peak Number 7 9-Octadecenoic acid, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.36 ng	55217	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70
2	1-Eicosene	280	C20H40	003452-07-1	64
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	60
4	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	58
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017497.D
Acq On : 6 Jun 2015 7:19
Operator : TP/IZ
Sample : G2504-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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
Butane, 2-methoxy...	2.78	29.4	ng	259368	1	7.62	176474	20.0
2-Pentanone, 4-hy...	4.73	4.5	ng	39617	1	7.62	176474	20.0
unknown7.17	7.17	73.7	ng	650385	1	7.62	176474	20.0
n-Hexadecanoic acid	17.95	11.3	ng	216963	4	17.05	384393	20.0
Octadecanoic acid	19.24	7.9	ng	184803	5	21.24	467463	20.0
9-Octadecenoic ac...	20.96	2.4	ng	55217	5	21.24	467463	20.0