LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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	2.757	8	12	17	rBV	54037	67202	3.46%	0.727%
2	2.810	18	21	30	rVB2	14738	22907	1.18%	0.248%
3	4.719	341	346	354	rBV	45242	65275	3.36%	0.706%
4	5.219	425	431	441	rBV	454006	651507	33.52%	7.044%
5	6.835	697	706	716	rBV	470945	746769	38.42%	8.074%
6	7.164	754	762	772	rBV	467003	736442	37.89%	7.962%
7	7.622	834	840	846	rBV	63274	103297	5.31%	1.117%
8	7.939	886	894	904	rVB	343885	524073	26.96%	5.666%
9	8.785	1031	1038	1049	rBV	288149	463494	23.85%	5.011%
10	10.419	1306	1316	1326	rBV	80030	145559	7.49%	1.574%
11	12.910	1732	1740	1752	rVB	716904	1074636	55.29%	11.618%
12	13.756	1878	1884	1892	rBV	77652	127004	6.53%	1.373%
13	14.291	1970	1975	1985	rVB2	136391	216448	11.14%	2.340%
14	15.795	2223	2231	2247	rBV	737255	1098833	56.54%	11.880%
15	17.046	2438	2444	2450	rBV	203272	287494	14.79%	3.108%
16	17.951	2594	2598	2607	rBV4	28690	51471	2.65%	0.556%
17	19.684	2888	2893	2901	rBV	1596357	1943539	100.00%	21.012%
18	20.953	3104	3109	3114	rBV	80060	101472	5.22%	1.097%
19	21.159	3141	3144	3151	rBV3	14482	21562	1.11%	0.233%
20	21.241	3153	3158	3163	rVV	271303	343415	17.67%	3.713%
21	22.034	3289	3293	3298	rBV2	19724	27590	1.42%	0.298%
22	22.411	3353	3357	3361	rBV2	44548	59565	3.06%	0.644%
23	22.845	3427	3431	3440	rVB7	13391	28365	1.46%	0.307%
24	23.480	3532	3539	3546	rBV2	179613	341615	17.58%	3.693%

Sum of corrected areas: 9249534

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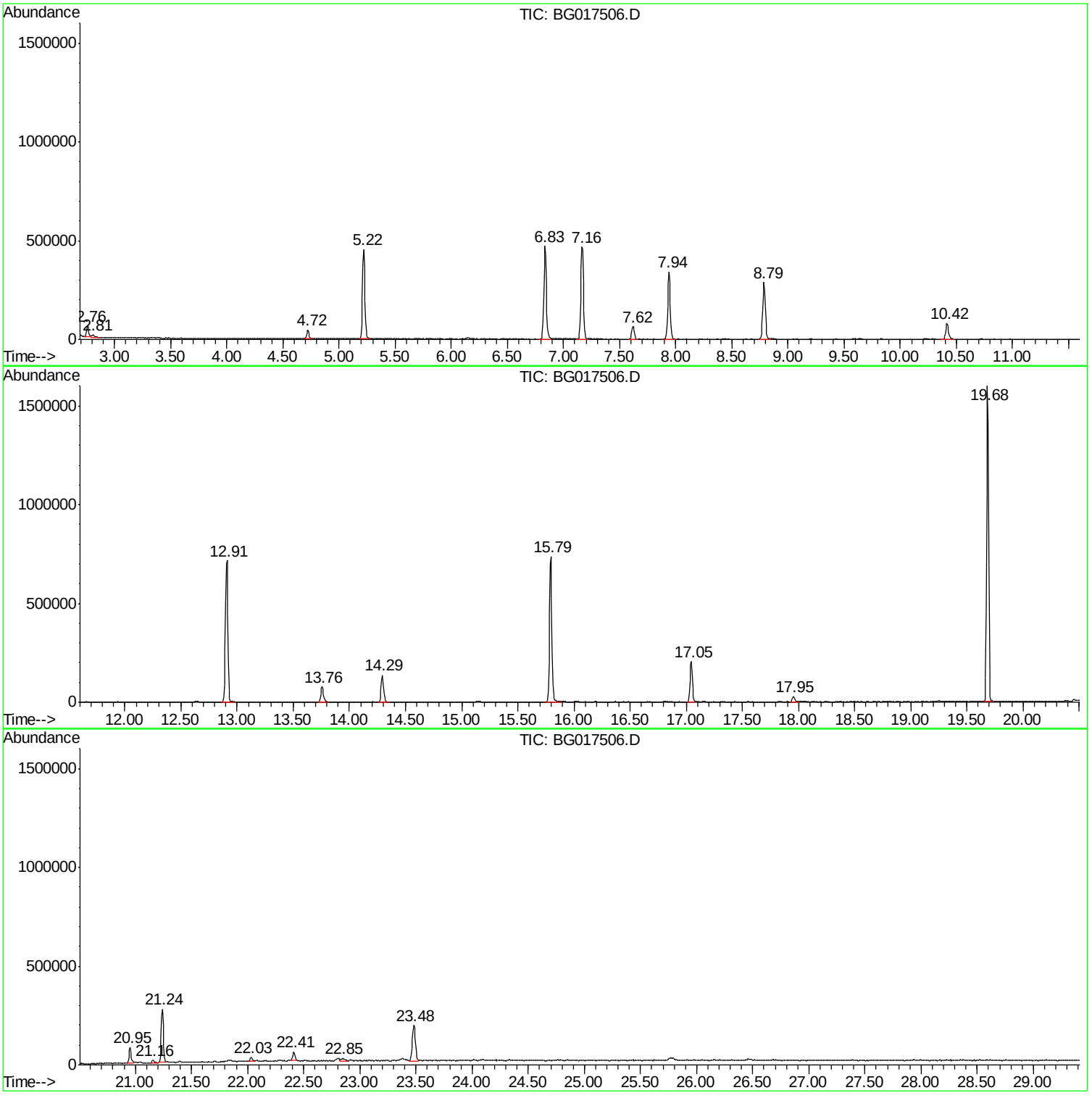
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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

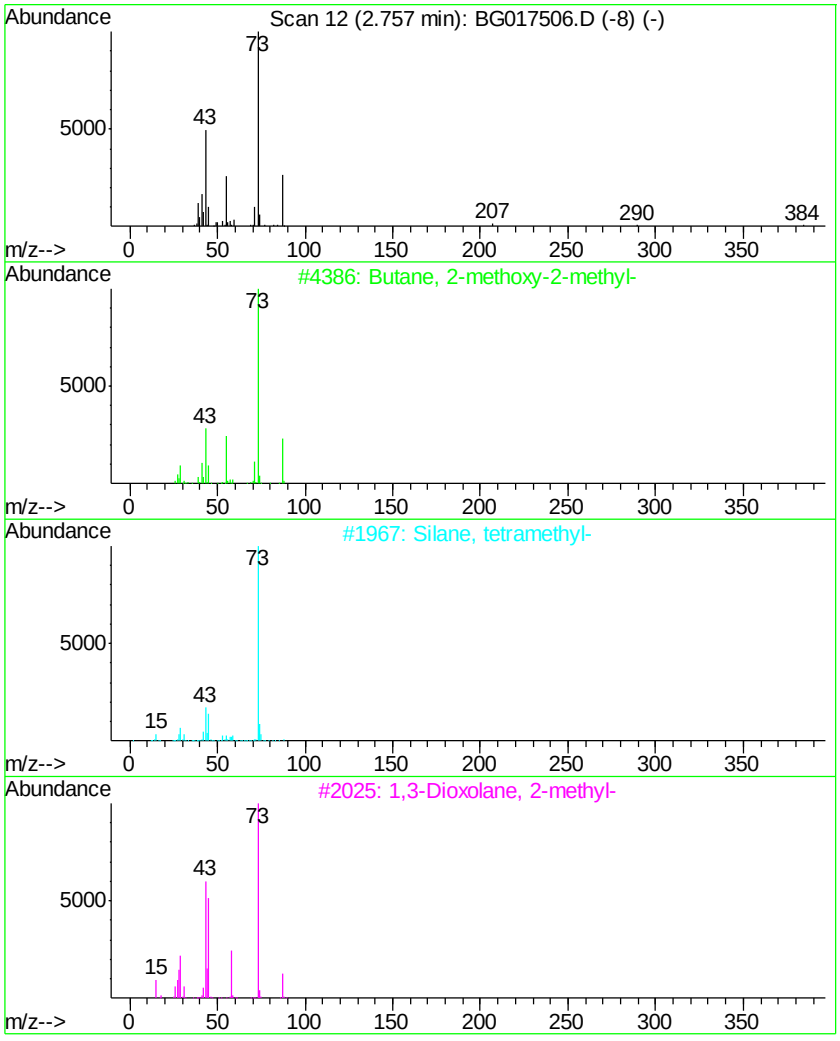
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

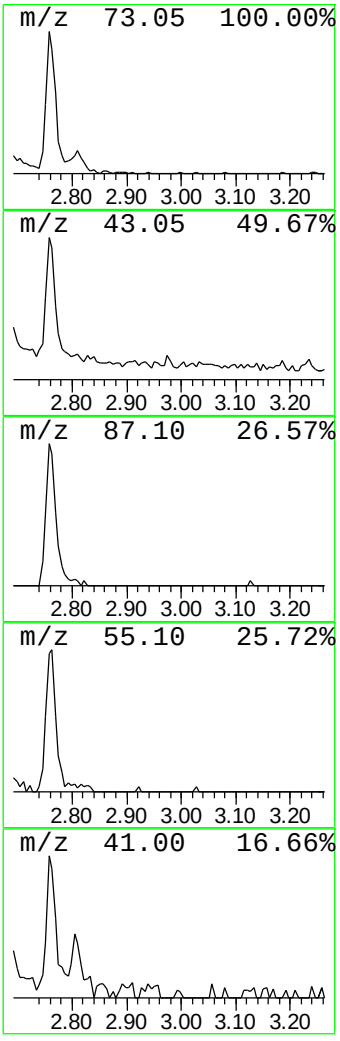
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.76	13.01 ng	67202	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	64
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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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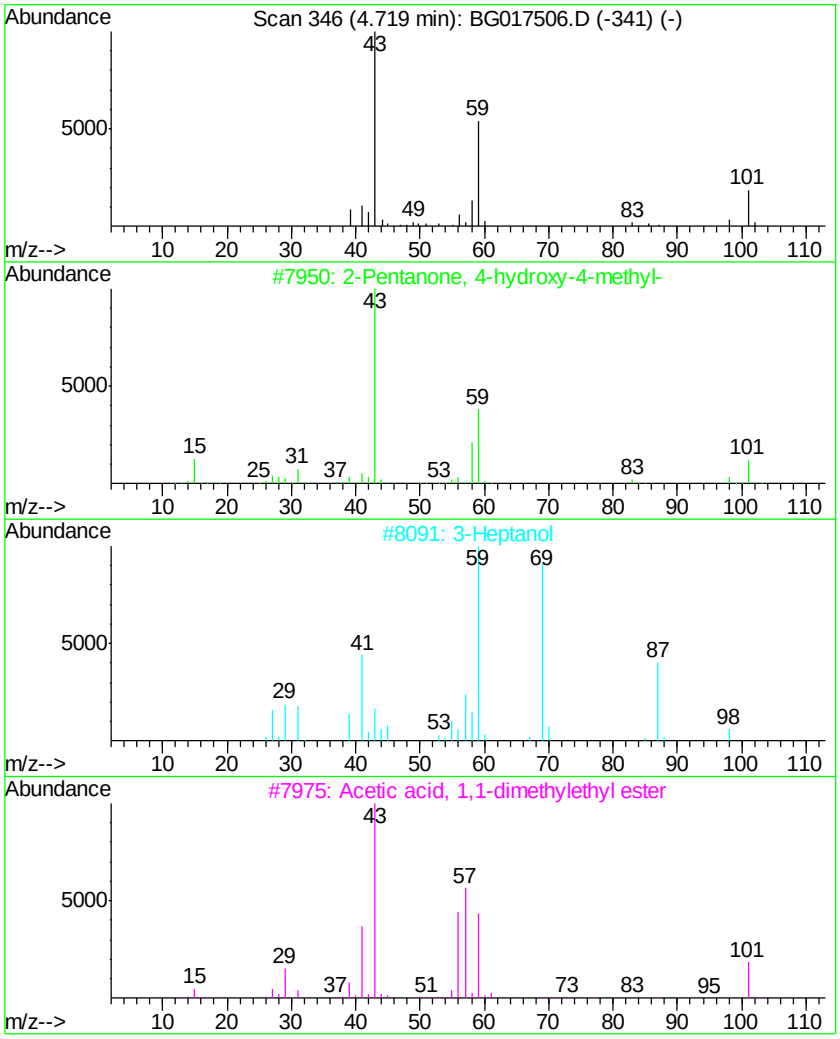
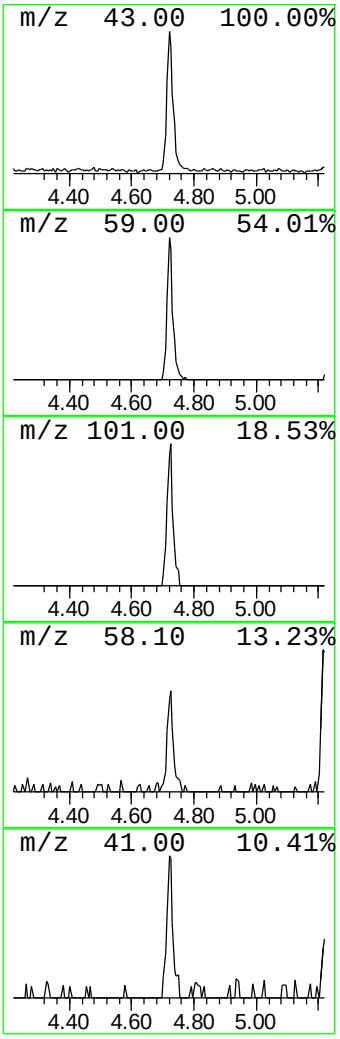
Peak Number 3 unknown4.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	12.64 ng	65275	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	45
2	3-Heptanol	116	C7H16O	000589-82-2	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	23
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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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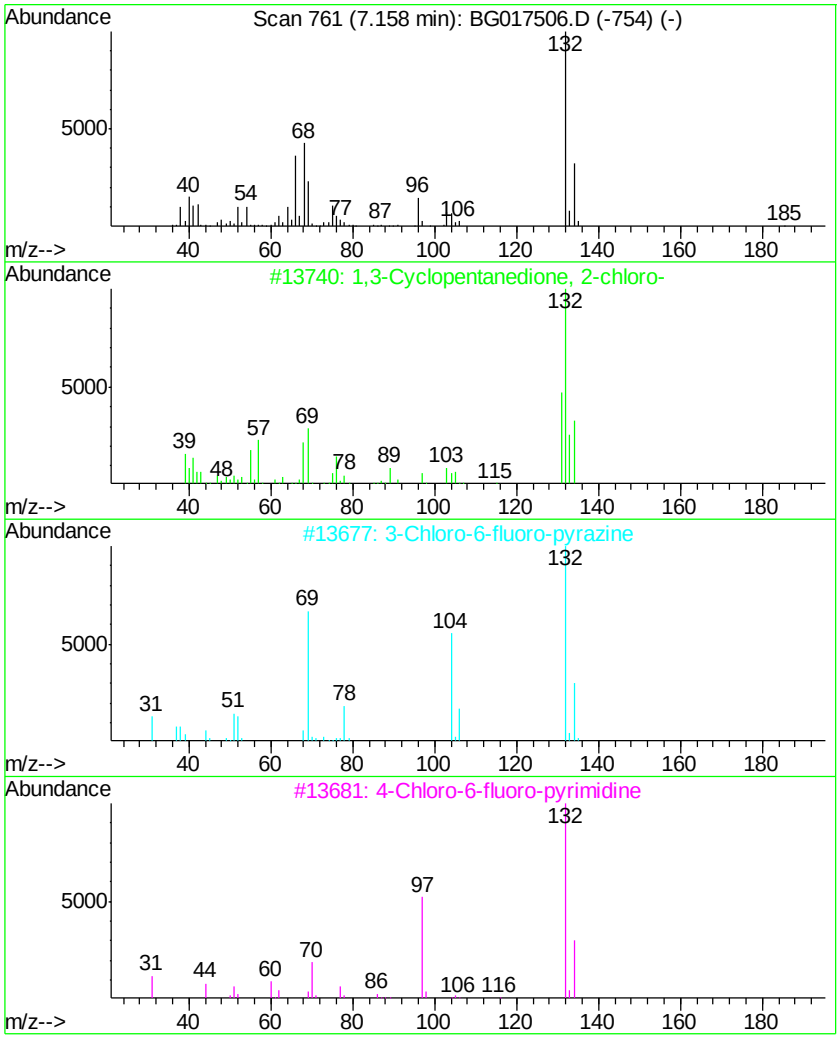
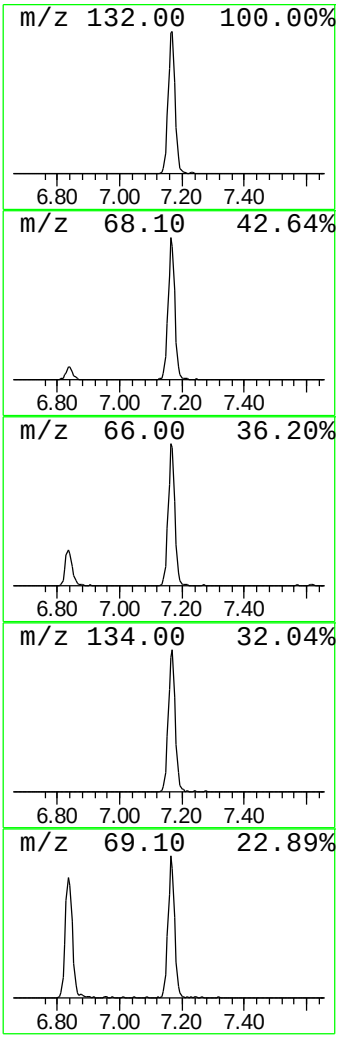
Peak Number 4 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	142.59 ng	736442	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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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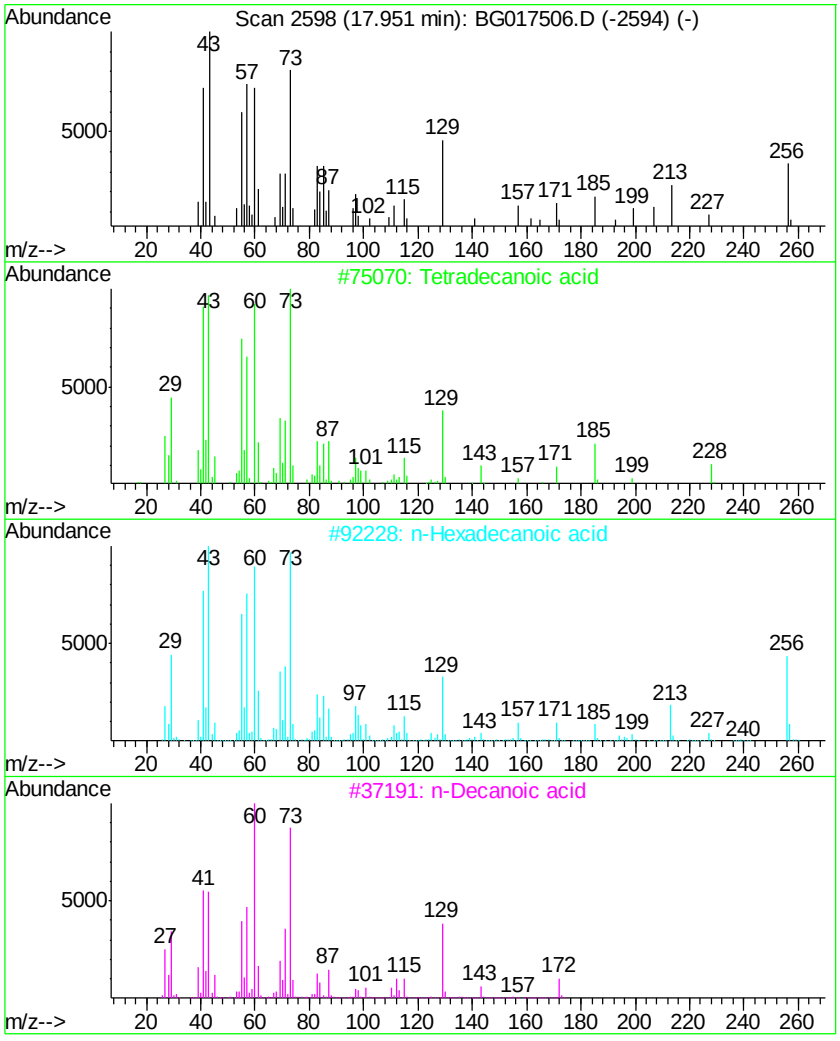
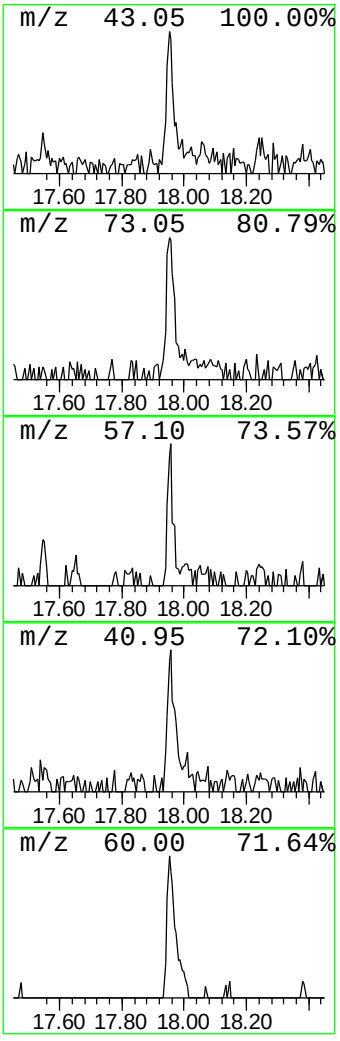
Peak Number 6 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	3.58 ng	51471	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Tridecanoic acid	214	C13H26O2	000638-53-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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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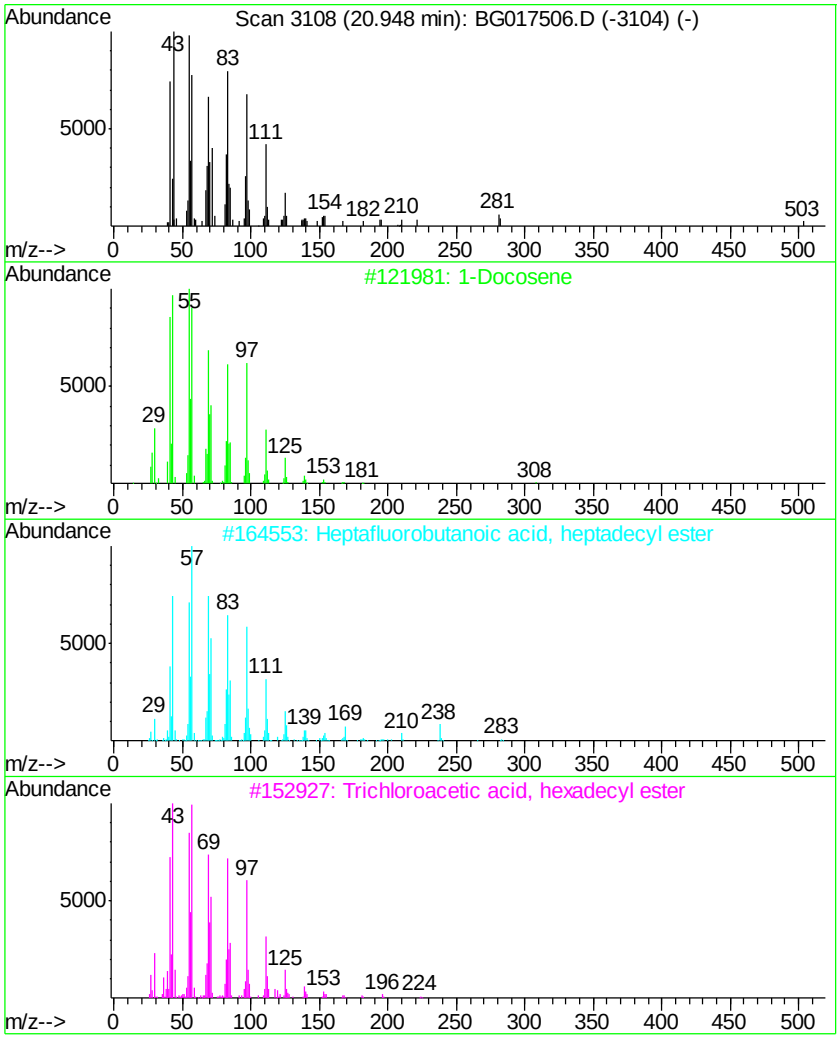
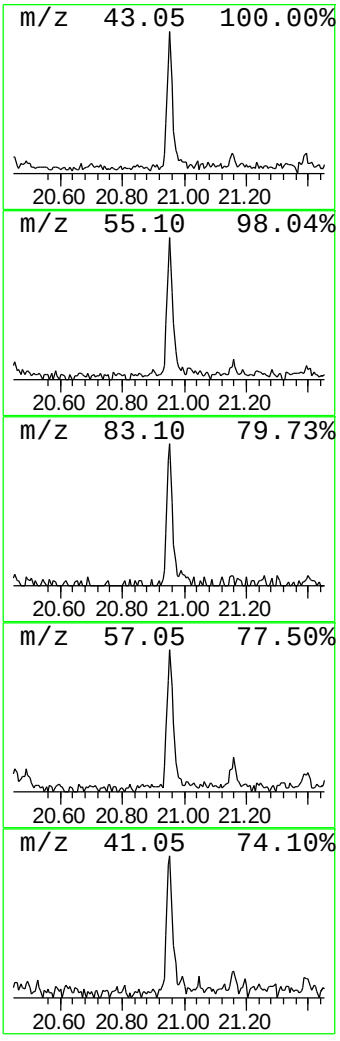
Peak Number 7 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.91 ng	101472	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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

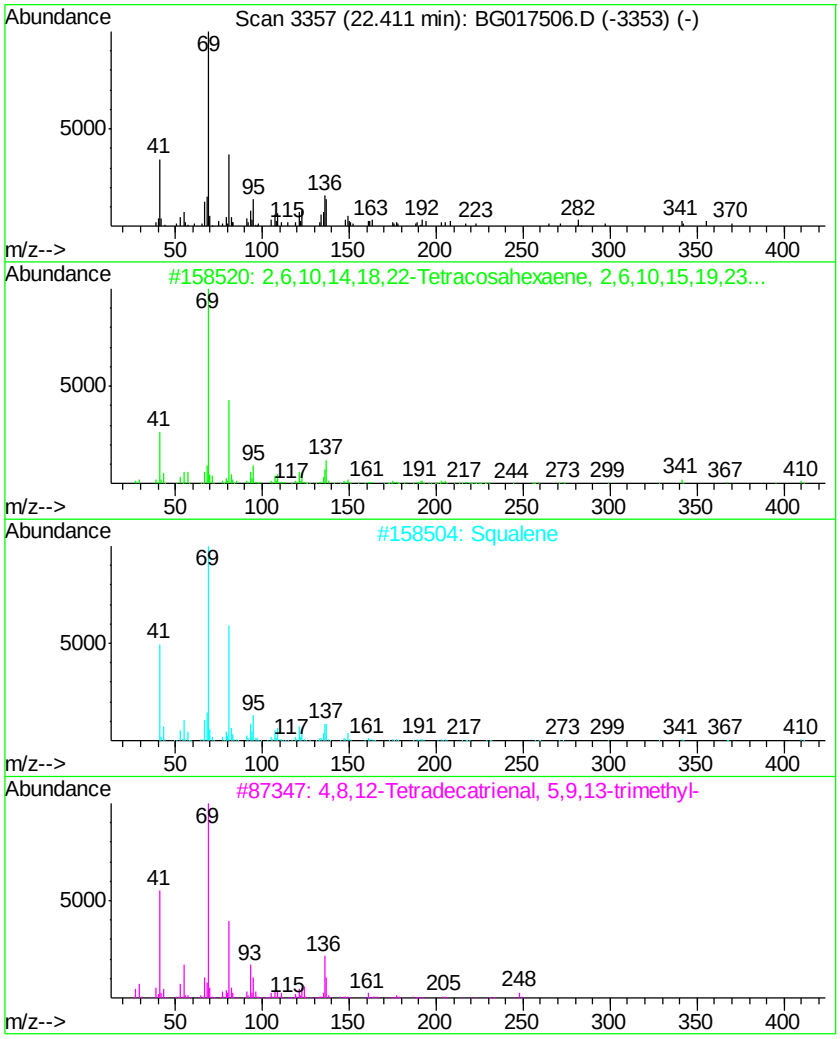
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

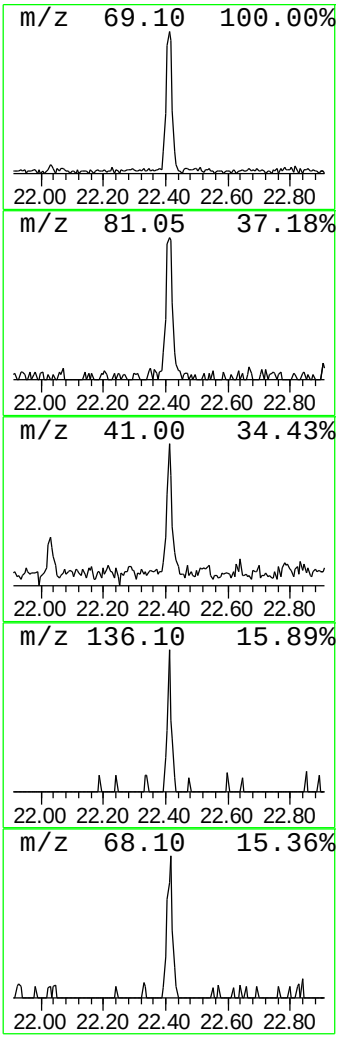
****

Peak Number 8 2,6,10,14,18,22-Tetracosahe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.49 ng	59565	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
2	Squalene	410	C30H50	007683-64-9	80
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	64
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017506.D
Acq On : 6 Jun 2015 20:39
Operator : TP/IZ
Sample : G2550-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-038

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...	2.76	13.0	ng	67202	1	7.62	103297	20.0
unknown4.72	4.72	12.6	ng	65275	1	7.62	103297	20.0
unknown7.16	7.16	142.6	ng	736442	1	7.62	103297	20.0
Tetradecanoic acid	17.95	3.6	ng	51471	4	17.05	287494	20.0
1-Docosene	20.95	5.9	ng	101472	5	21.24	343415	20.0
2,6,10,14,18,22-T...	22.41	3.5	ng	59565	6	23.48	341615	20.0