LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017122.D
Acq On : 14 May 2015 00:24
Operator : TP/IZ
Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

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-BG051315.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	2.794	14	18	28	rVV	90431	155631	4.71%	0.850%
2	2.876	28	32	37	rVB	135440	161472	4.89%	0.882%
3	4.815	358	362	367	rVB	51559	72406	2.19%	0.396%
4	5.303	438	445	454	rBV	922548	1321424	39.98%	7.221%
5	6.907	711	718	730	rBV	1033325	1539890	46.59%	8.415%
6	7.248	768	776	783	rBV	938453	1449523	43.85%	7.921%
7	7.706	848	854	863	rVB	201130	308576	9.34%	1.686%
8	8.029	900	909	917	rBV	633429	998359	30.20%	5.455%
9	8.869	1044	1052	1059	rBV	579766	930731	28.16%	5.086%
10	10.503	1323	1330	1337	rBV	255690	432011	13.07%	2.361%
11	12.982	1745	1752	1760	rVB	1350877	1933837	58.51%	10.567%
12	13.822	1888	1895	1905	rBV	81559	123440	3.73%	0.675%
13	14.363	1980	1987	1996	rVB2	423060	624155	18.88%	3.411%
14	15.855	2232	2241	2253	rBV	1381215	1861567	56.32%	10.172%
15	17.107	2449	2454	2460	rBV2	574854	809028	24.48%	4.421%
16	17.230	2468	2475	2481	rVB7	20313	38131	1.15%	0.208%
17	18.012	2603	2608	2614	rBV2	99289	128763	3.90%	0.704%
18	19.745	2897	2903	2908	rBV	2624013	3305306	100.00%	18.062%
19	21.002	3113	3117	3124	rBV	192577	262607	7.95%	1.435%
20	21.290	3161	3166	3175	rBV	695245	879152	26.60%	4.804%
21	22.483	3365	3369	3375	rVB	96724	134223	4.06%	0.733%
22	23.558	3545	3552	3561	rVB2	433310	830048	25.11%	4.536%

Sum of corrected areas: 18300280

LSC Report - Integrated Chromatogram

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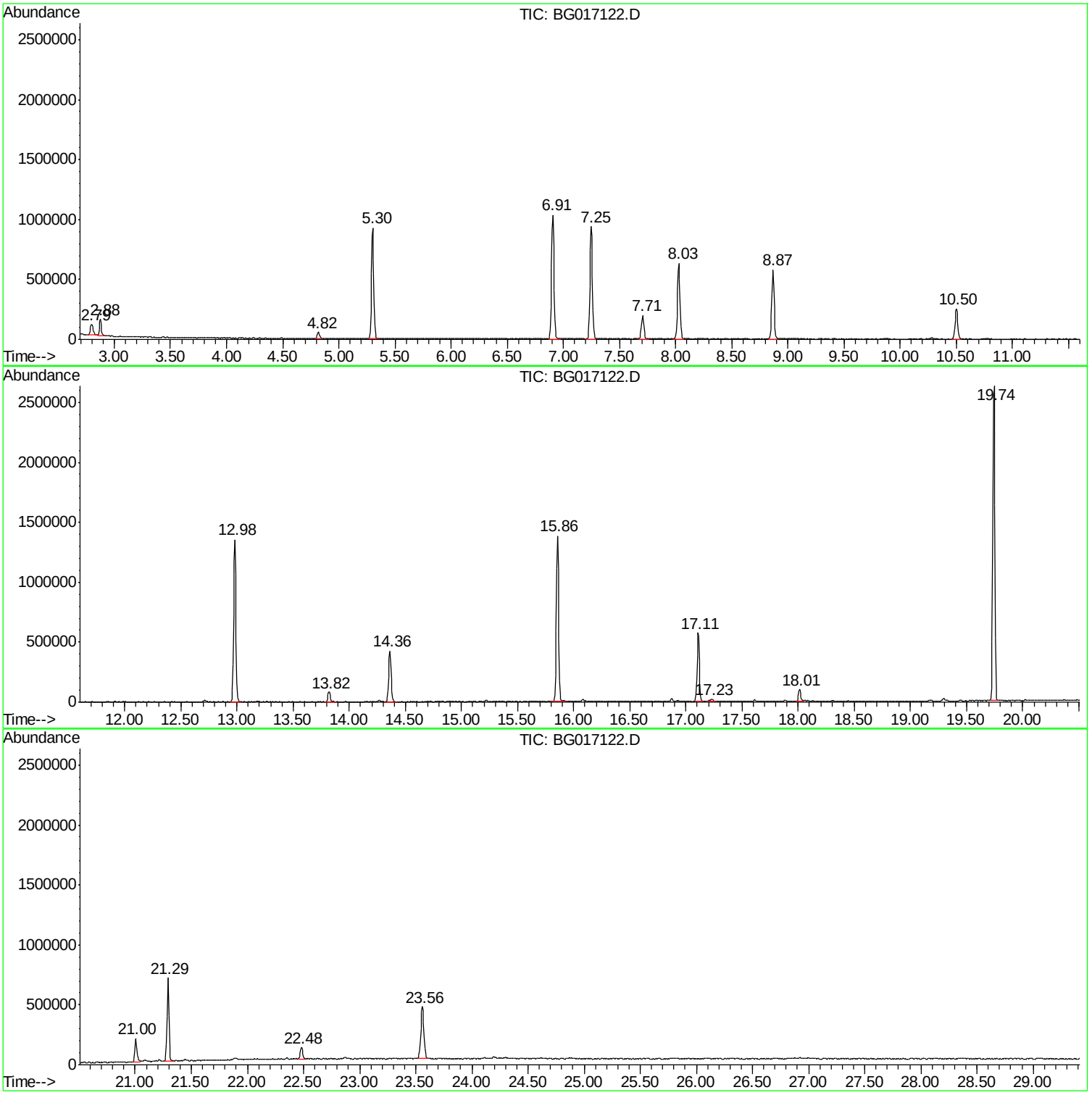
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG051315\
Data File : BG017122.D
Acq On : 14 May 2015 00:24
Operator : TP/IZ
Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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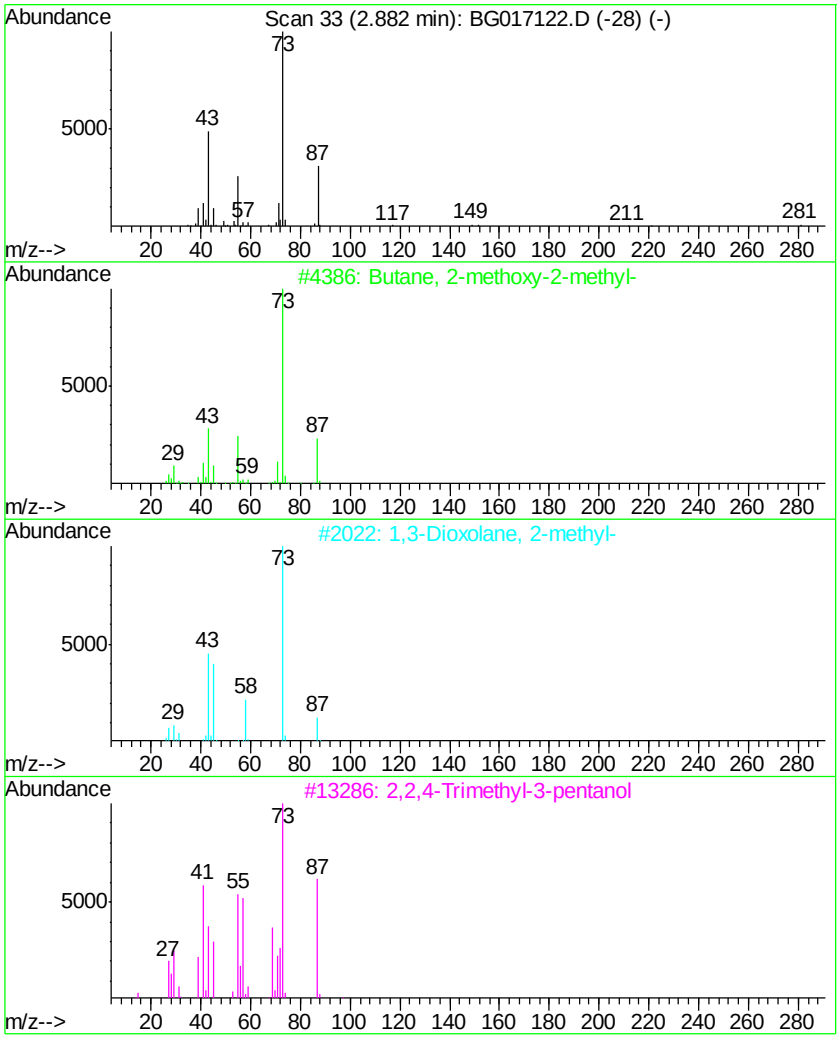
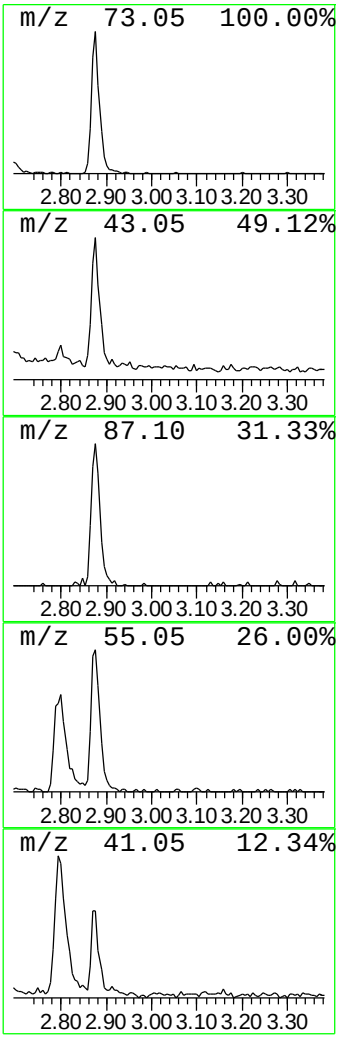
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	10.47 ng	161472	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





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Acq On : 14 May 2015 00:24
Operator : TP/IZ
Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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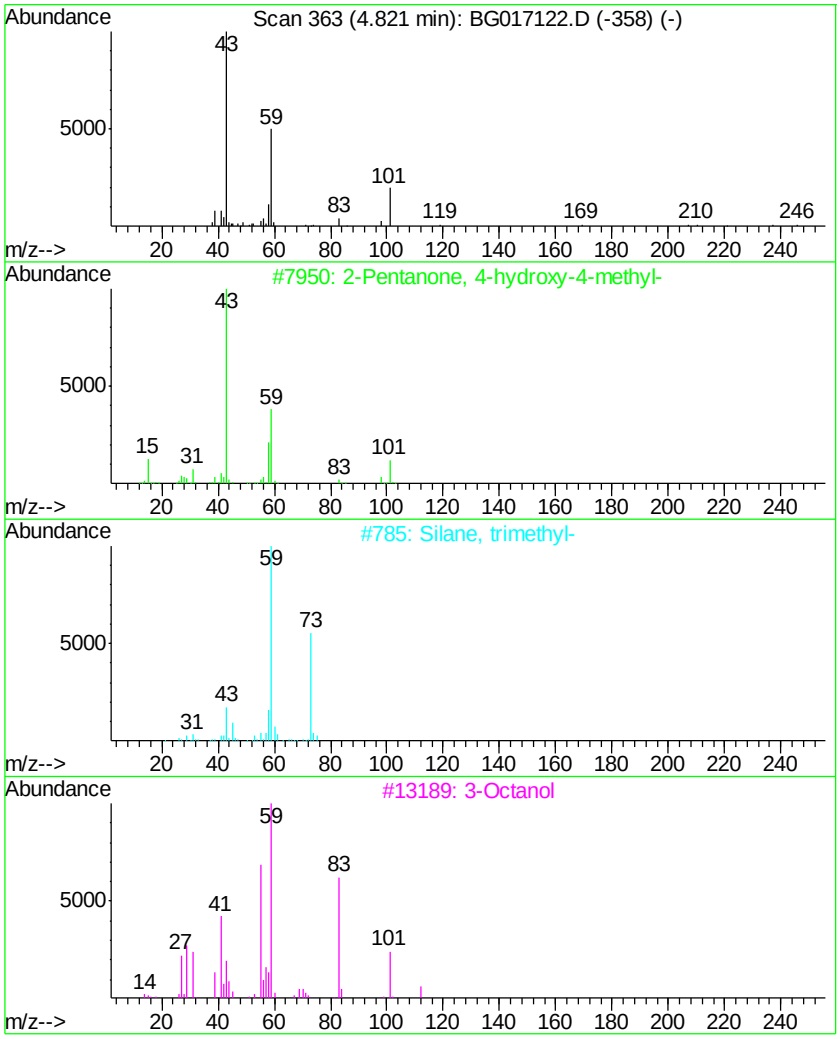
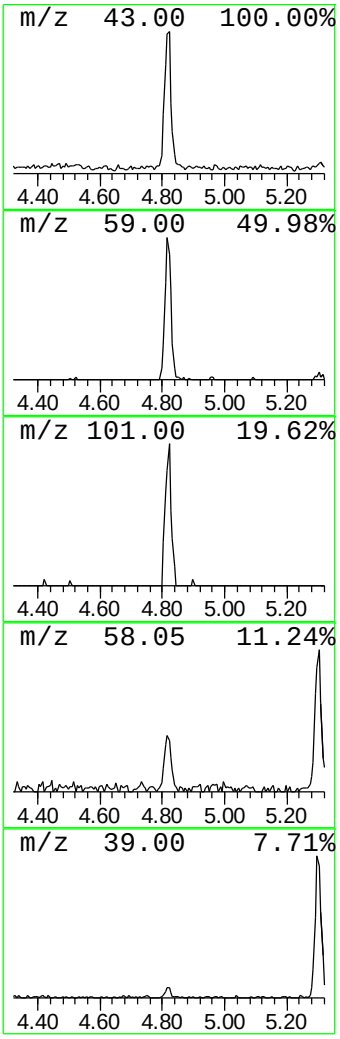
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	4.69 ng	72406	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	38
3	3-Octanol	130	C8H18O	000589-98-0	38
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32





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Data File : BG017122.D
Acq On : 14 May 2015 00:24
Operator : TP/IZ
Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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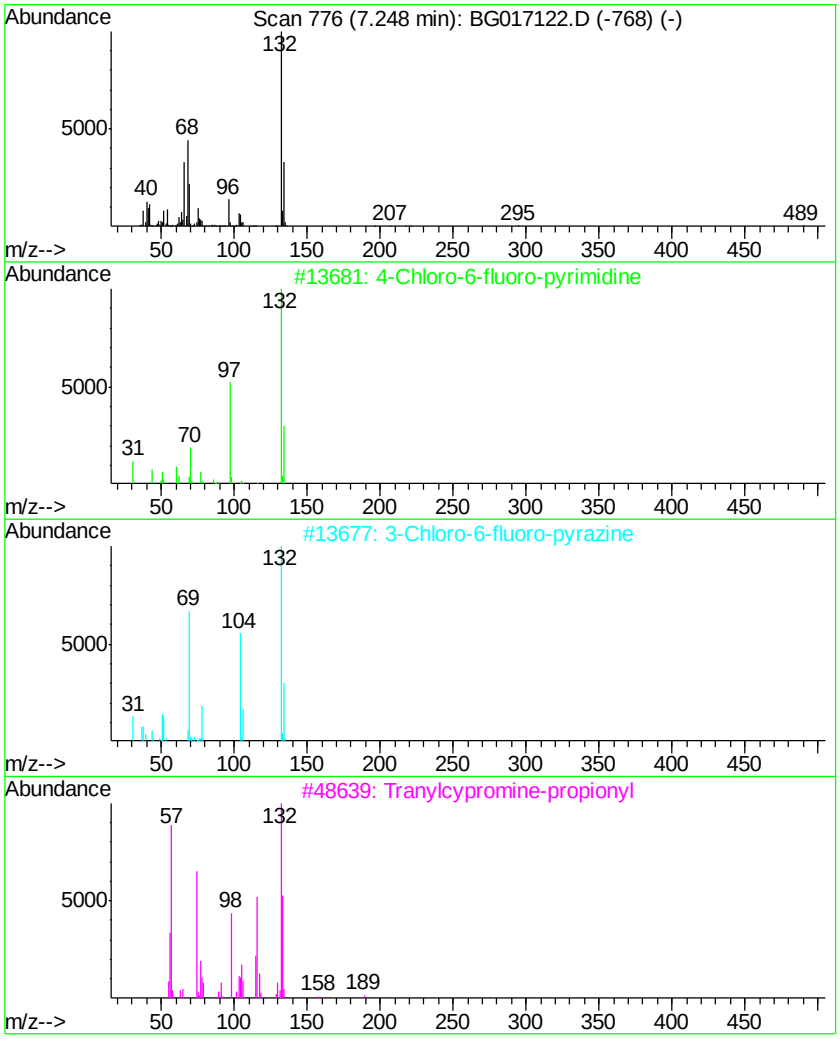
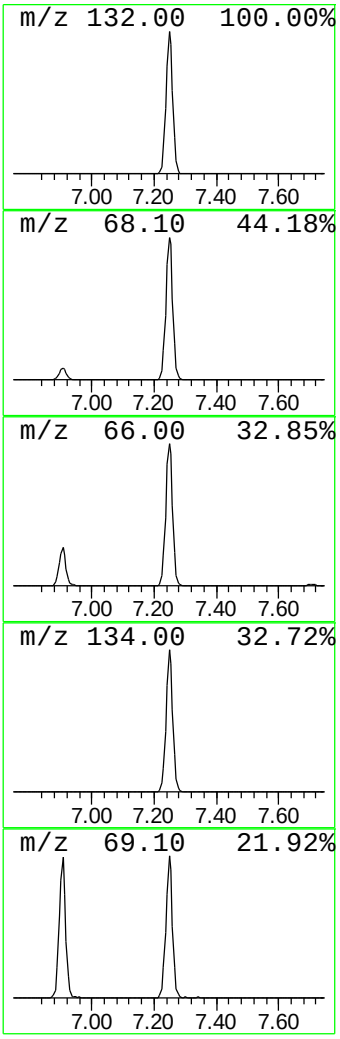
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	93.95 ng	1449520	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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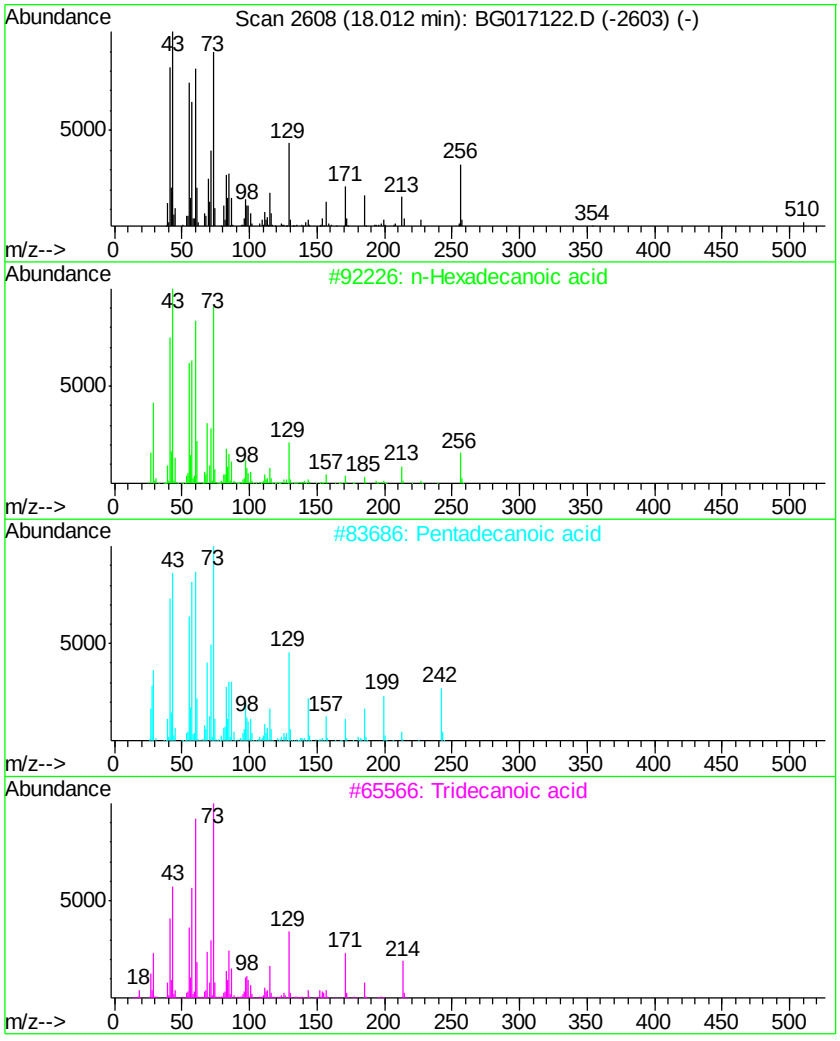
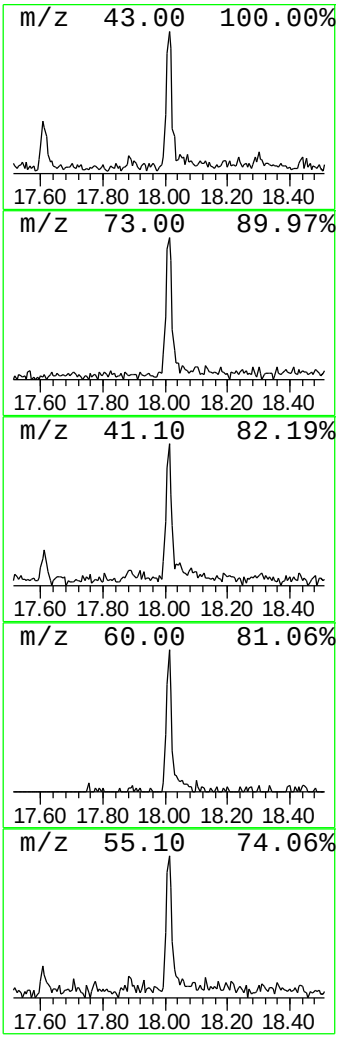
Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.18 ng	128763	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Acq On : 14 May 2015 00:24
Operator : TP/IZ
Sample : G2194-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

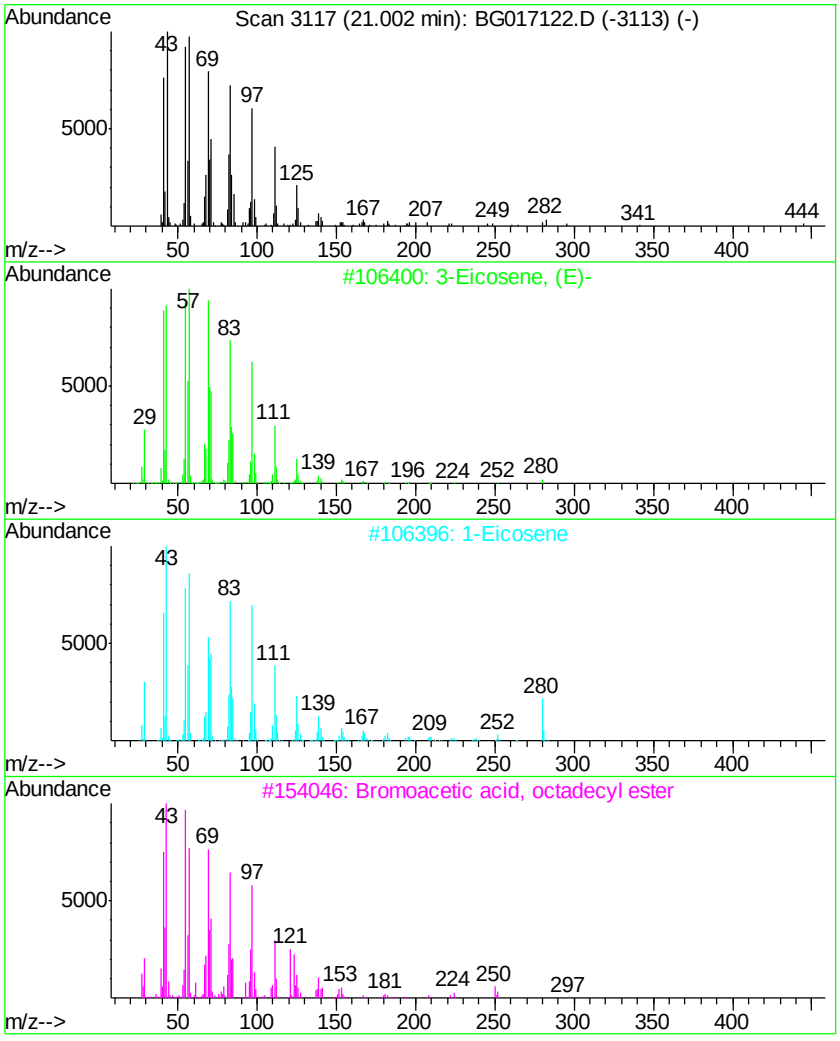
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

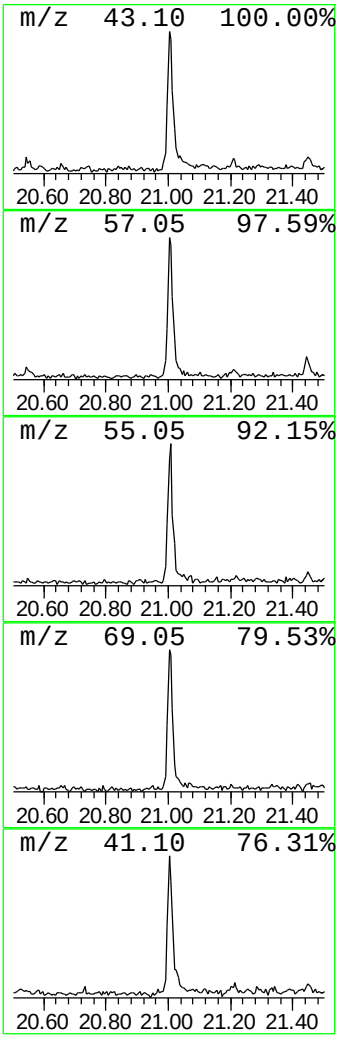
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.97 ng	262607	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	1-Eicosene	280	C20H40	003452-07-1	92
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	83





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU012-SB-22-9.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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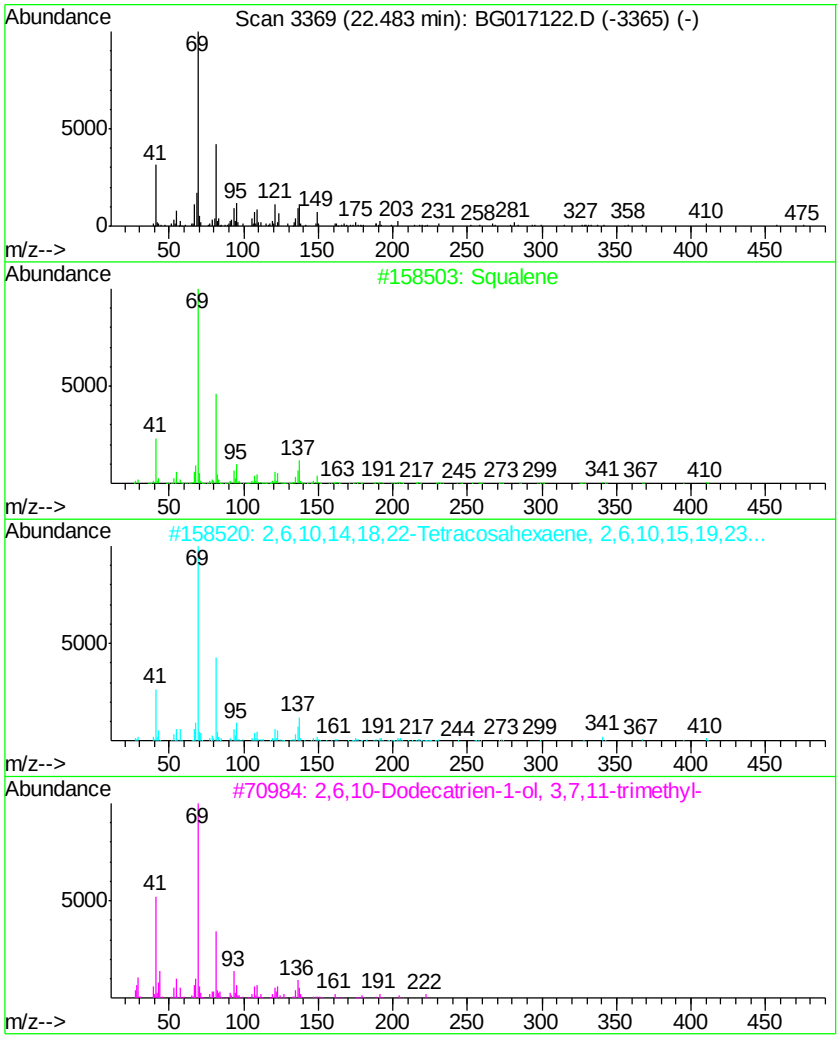
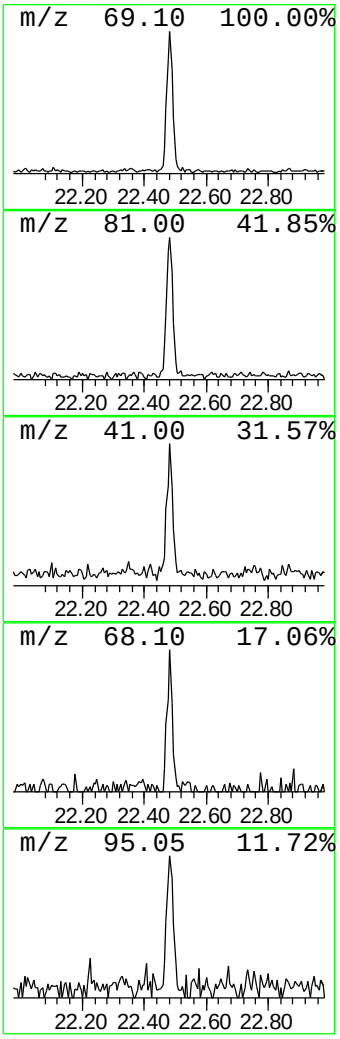
Peak Number 8 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.23 ng	134223	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
4	.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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...	2.88	10.5	ng	161472	1	7.71	308576	20.0
2-Pentanone, 4-hy...	4.82	4.7	ng	72406	1	7.71	308576	20.0
unknown7.25	7.25	94.0	ng	1449520	1	7.71	308576	20.0
n-Hexadecanoic acid	18.01	3.2	ng	128763	4	17.11	809028	20.0
3-Eicosene, (E)-	21.00	6.0	ng	262607	5	21.30	879152	20.0
Squalene	22.48	3.2	ng	134223	6	23.56	830048	20.0