LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017164.D
Acq On : 15 May 2015 6:41
Operator : TP/IZ
Sample : G2179-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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	2.795	13	18	27	rBV	211962	336845	7.89%	1.590%
2	2.877	27	32	43	rVB	514067	673736	15.77%	3.180%
3	4.816	355	362	368	rVB	34150	52540	1.23%	0.248%
4	5.304	438	445	455	rBV	522637	745908	17.46%	3.520%
5	6.908	712	718	725	rVB	368761	552367	12.93%	2.607%
6	7.248	770	776	783	rBV	983615	1480042	34.65%	6.985%
7	7.707	846	854	862	rVB	232573	360760	8.45%	1.703%
8	8.024	900	908	916	rBV	774351	1210120	28.33%	5.711%
9	8.870	1044	1052	1060	rBV	745651	1218143	28.52%	5.749%
10	10.503	1317	1330	1336	rBV	312648	543330	12.72%	2.564%
11	12.713	1701	1706	1712	rBV2	48698	65427	1.53%	0.309%
12	12.983	1744	1752	1761	rBV	1735932	2729828	63.91%	12.884%
13	14.364	1980	1987	1996	rBV2	491654	778859	18.24%	3.676%
14	15.856	2235	2241	2248	rBV	1813116	2507061	58.70%	11.832%
15	17.107	2446	2454	2464	rBV2	693161	980229	22.95%	4.626%
16	18.012	2604	2608	2613	rBV2	127556	176797	4.14%	0.834%
17	19.293	2823	2826	2831	rBV5	42179	59484	1.39%	0.281%
18	19.745	2897	2903	2908	rBV	3435091	4271167	100.00%	20.158%
19	21.003	3113	3117	3124	rBV	122702	184336	4.32%	0.870%
20	21.208	3149	3152	3156	rBV	52442	57552	1.35%	0.272%
21	21.291	3162	3166	3172	rBV	804231	998003	23.37%	4.710%
22	22.478	3364	3368	3373	rBV	144607	195802	4.58%	0.924%
23	23.559	3546	3552	3561	rVB2	537649	1009748	23.64%	4.766%

Sum of corrected areas: 21188084

LSC Report - Integrated Chromatogram

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Misc :
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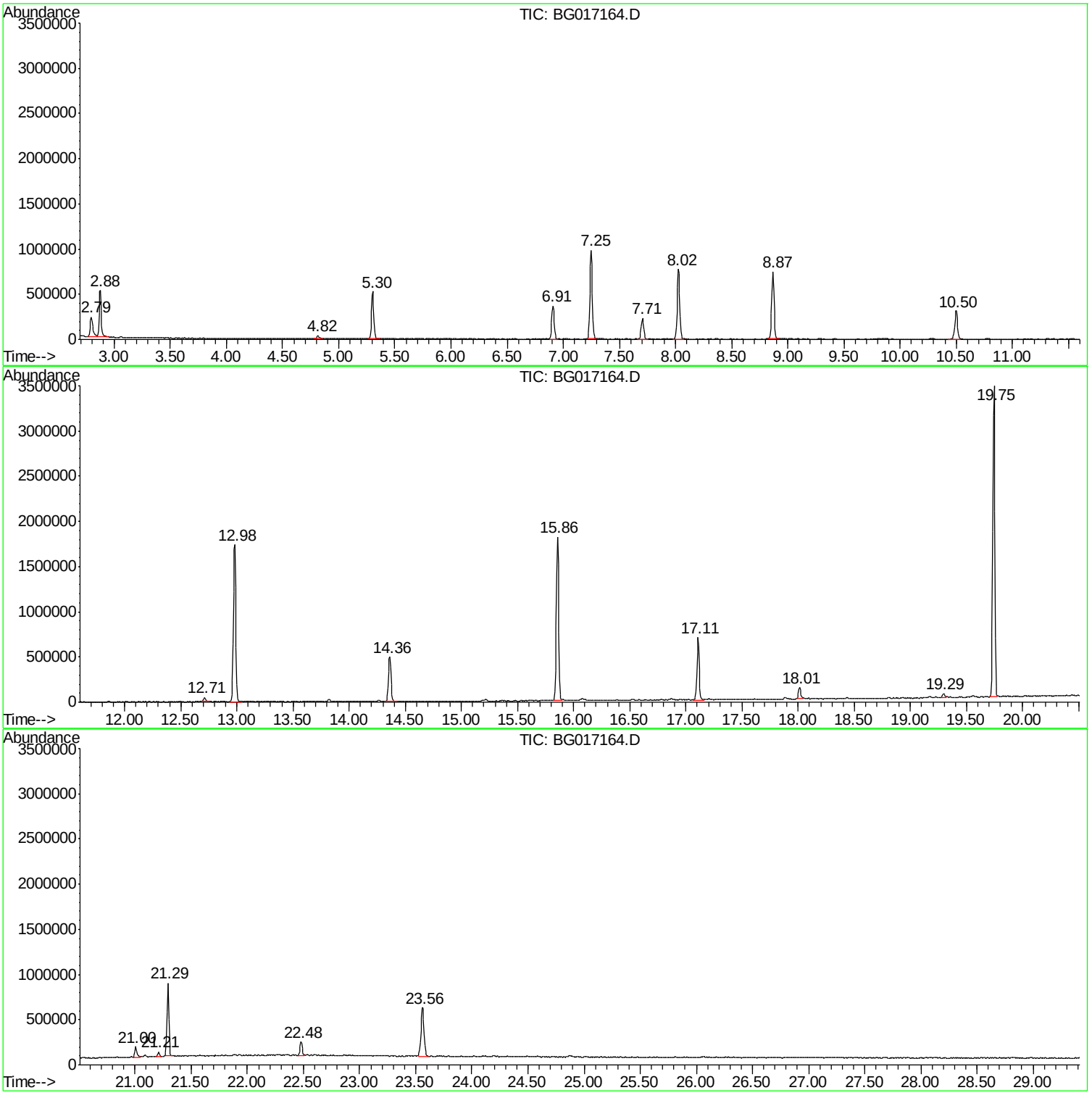
Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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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Operator : TP/IZ
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Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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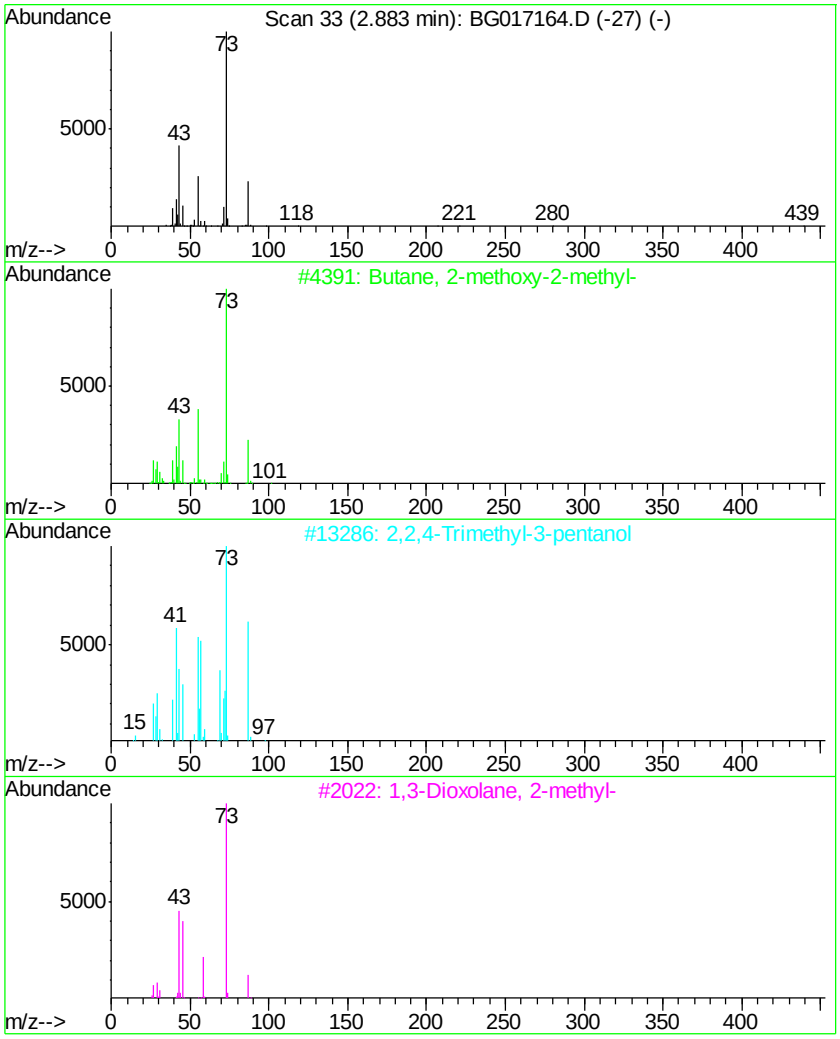
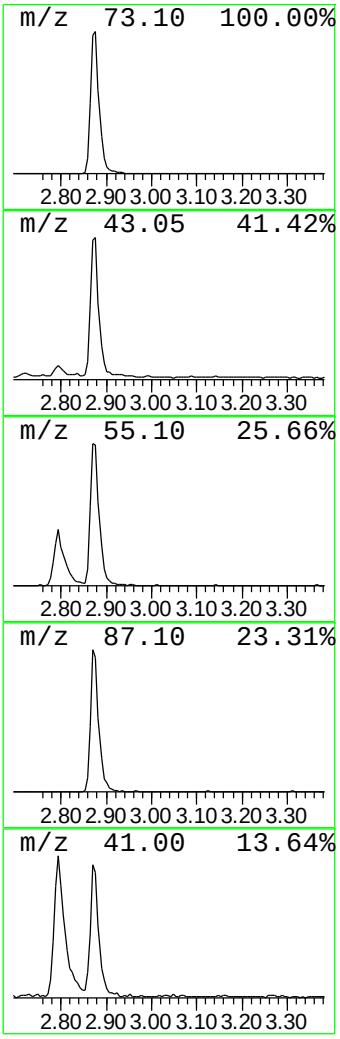
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	37.35 ng	673736	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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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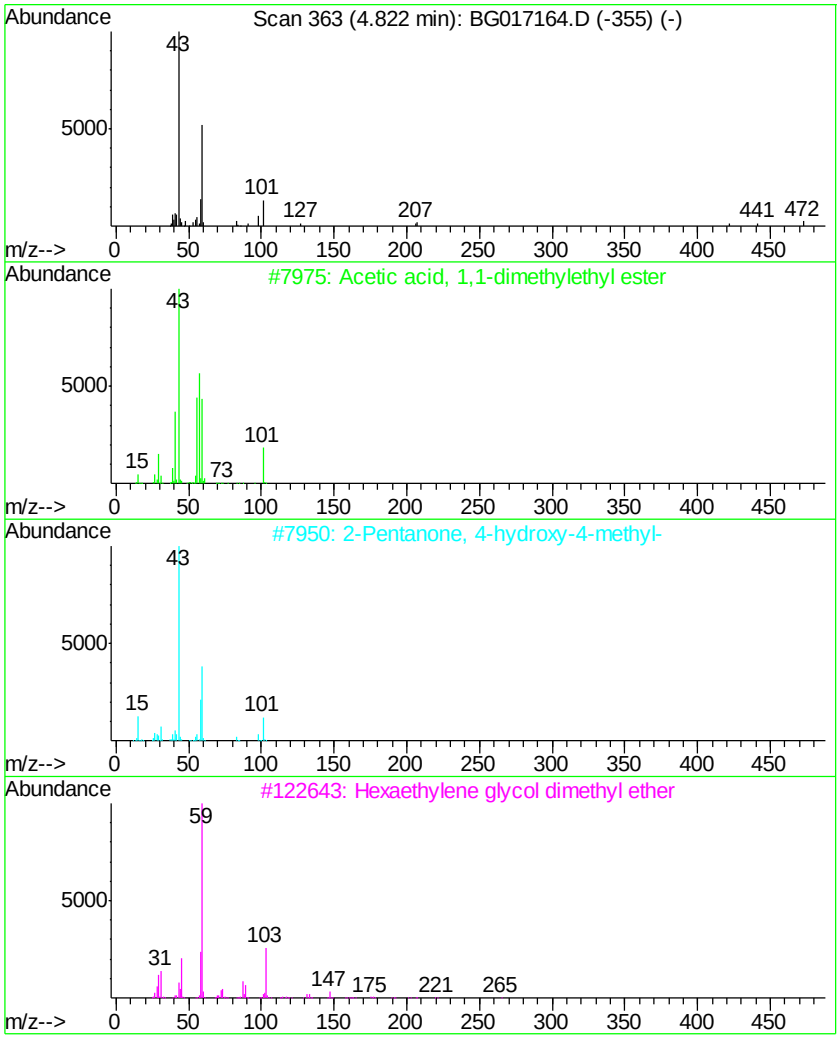
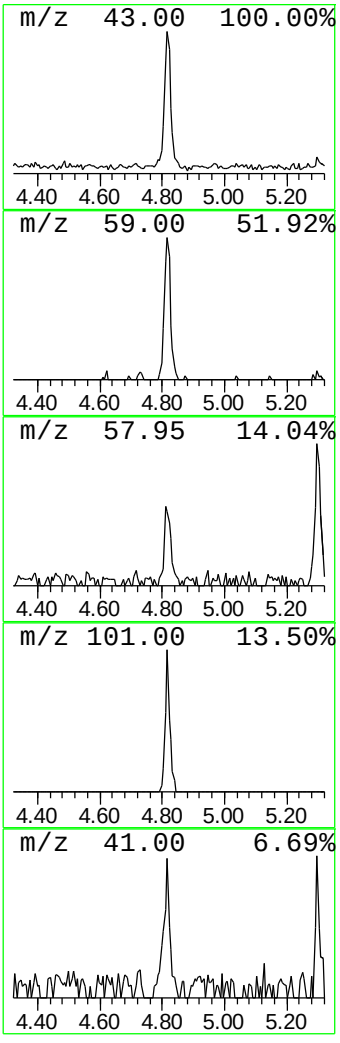
Peak Number 3 unknown4.82 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.91 ng	52540	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	23
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16
5	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	10





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Acq On : 15 May 2015 6:41
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Sample : G2179-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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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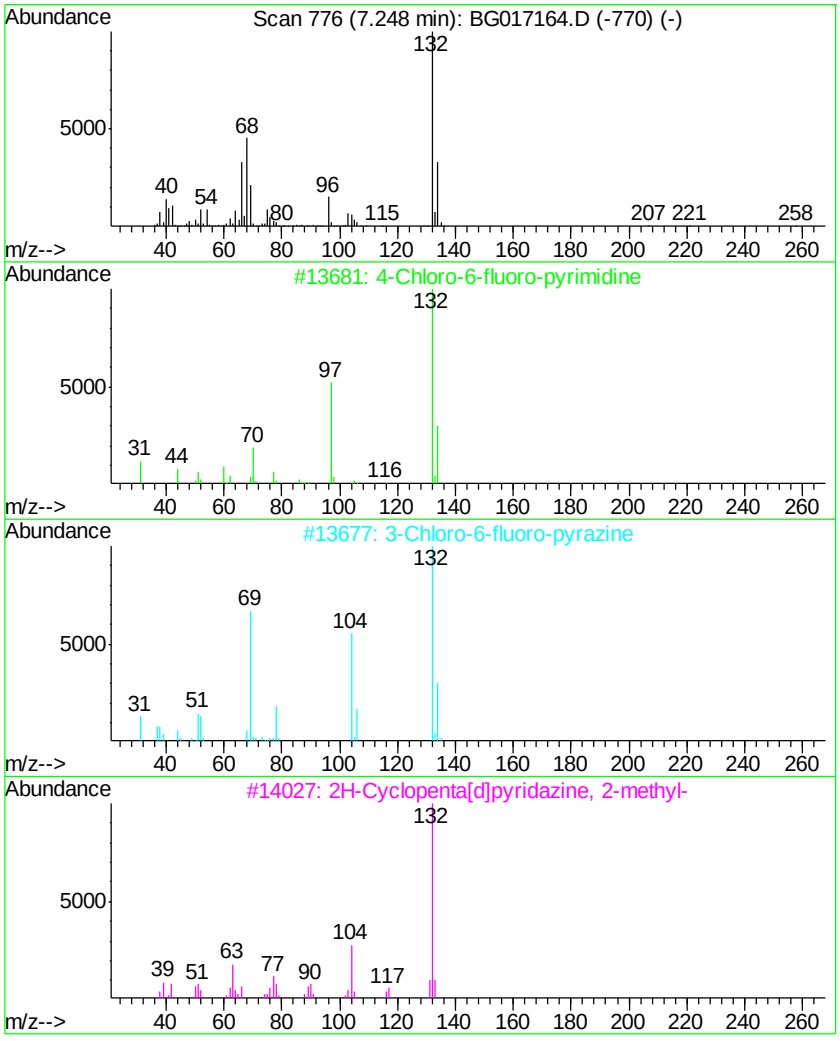
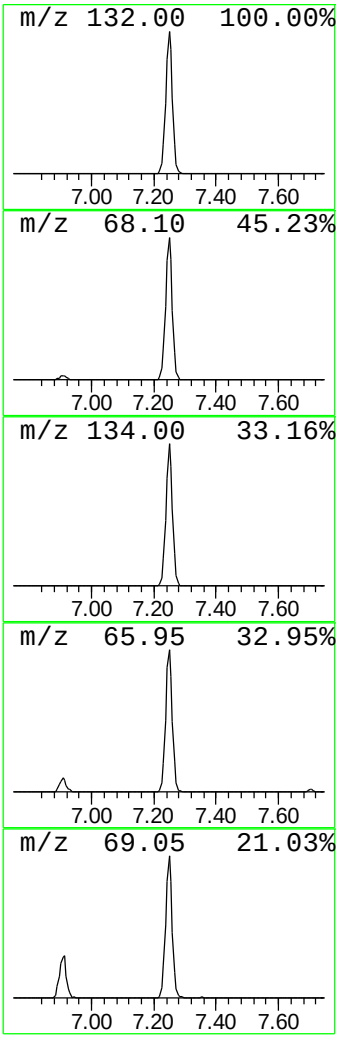
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	82.05 ng	1480040	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	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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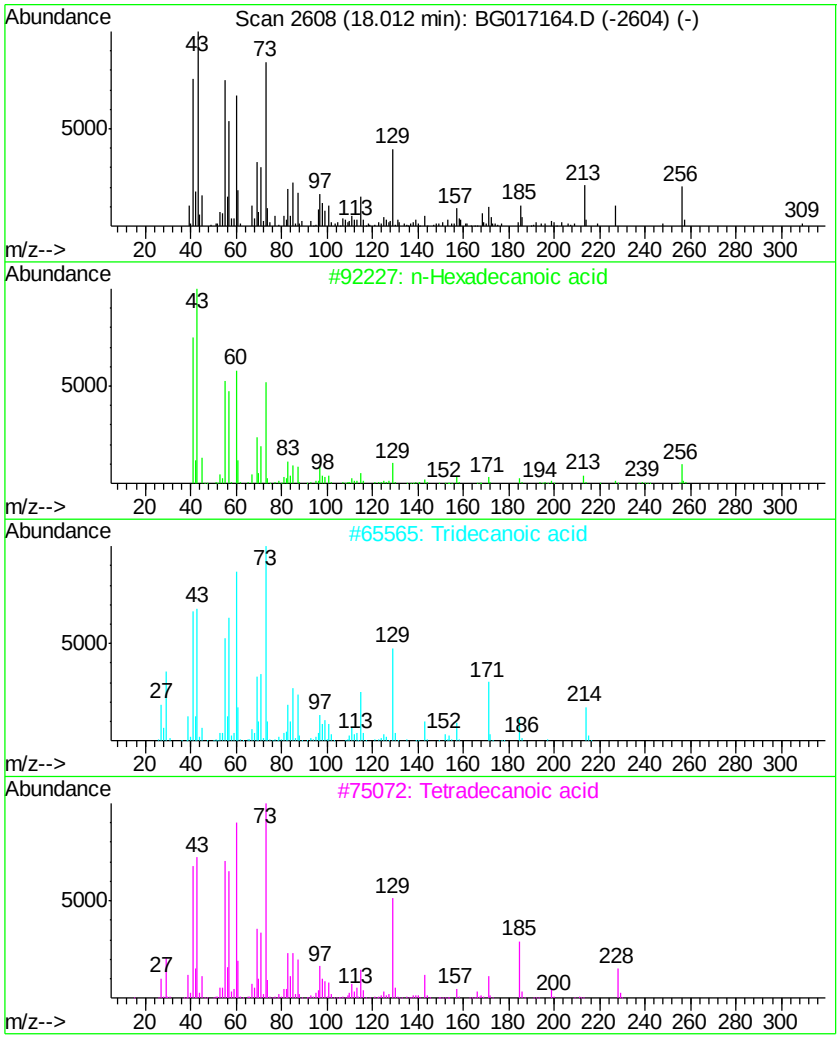
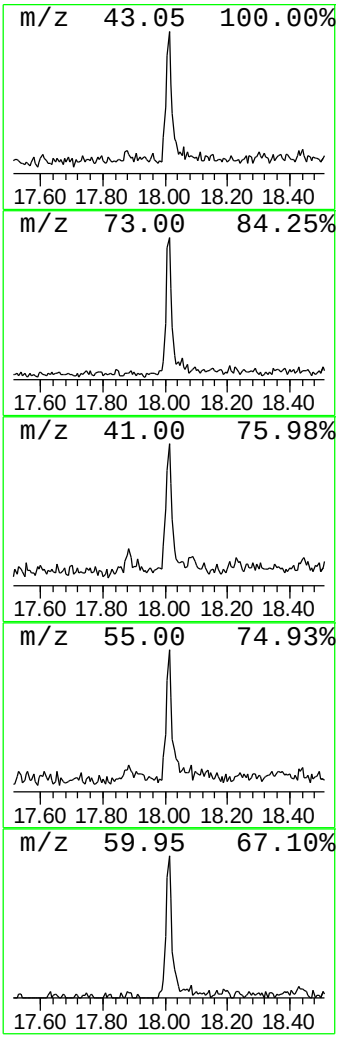
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.61 ng	176797	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Sample : G2179-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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

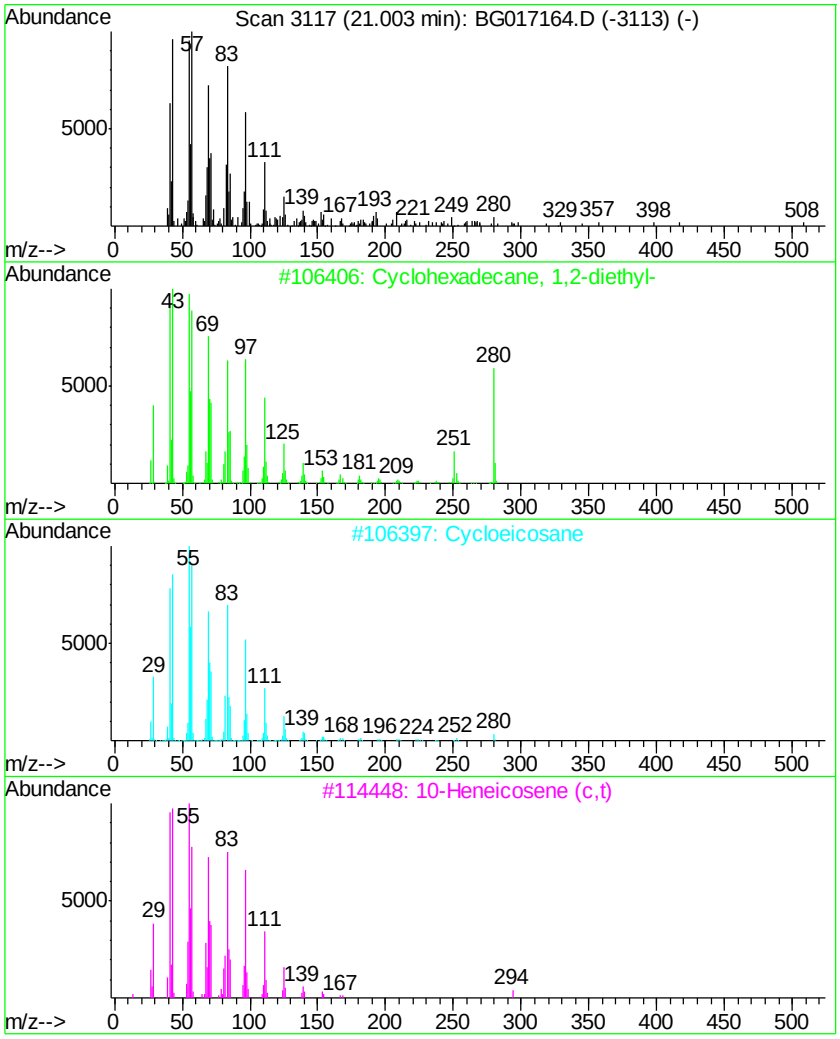
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

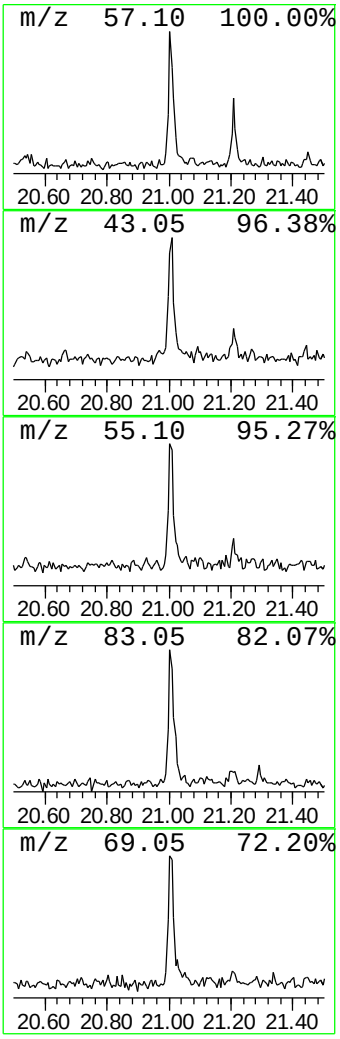
****

Peak Number 7 Cyclohexadecane, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.69 ng	184336	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2	Cycloeicosane	280	C20H40	000296-56-0	96
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	94
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	93





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Instrument : BNA_G
ClientSampleId : RAV-RMW-4

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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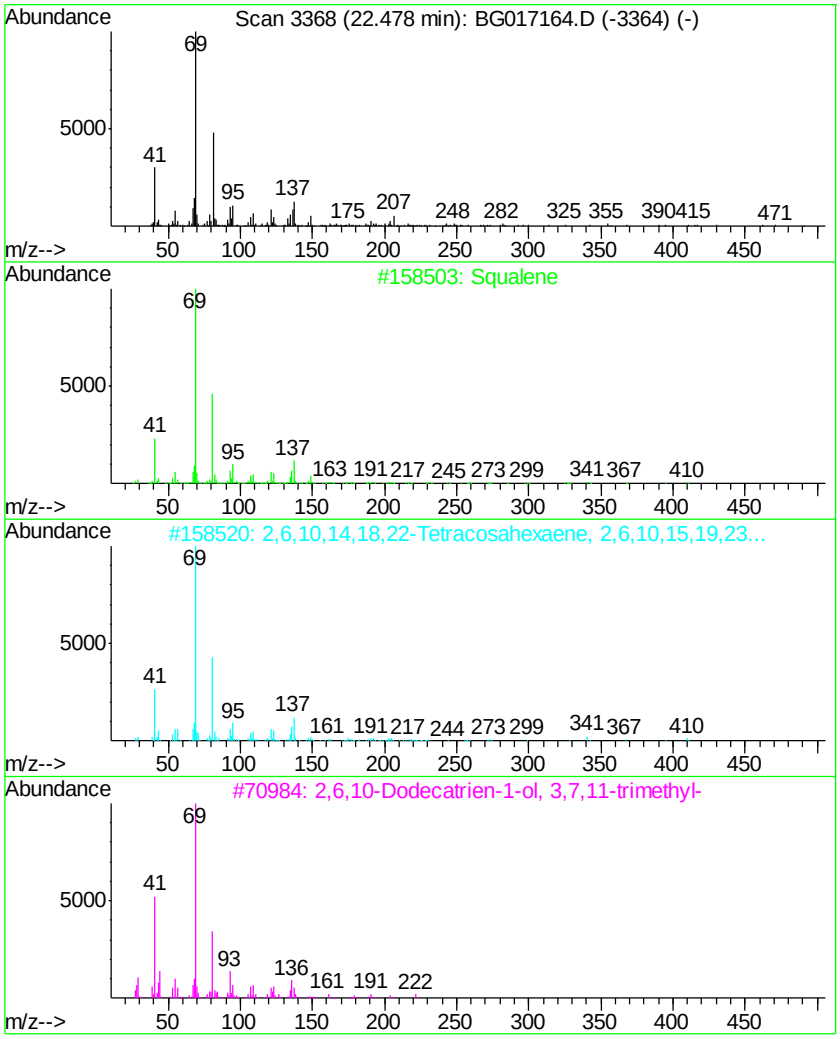
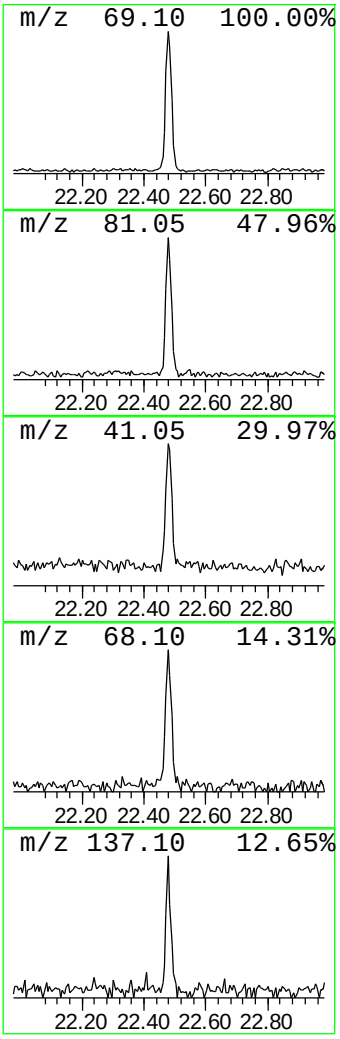
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.88 ng	195802	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
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	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	59





Tentatively Identified Compound (LSC) summary

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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	37.4	ng	673736	1	7.71	360760	20.0
unknown4.82	4.82	2.9	ng	52540	1	7.71	360760	20.0
unknown7.25	7.25	82.0	ng	1480040	1	7.71	360760	20.0
n-Hexadecanoic acid	18.01	3.6	ng	176797	4	17.11	980229	20.0
Cyclohexadecane, ...	21.00	3.7	ng	184336	5	21.29	998003	20.0
Squalene	22.48	3.9	ng	195802	6	23.56	1009750	20.0