LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017165.D
Acq On : 15 May 2015 7:15
Operator : TP/IZ
Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-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-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	13	18	27	rBV	241316	420635	9.55%	2.043%
2	2.876	27	32	41	rVB	581195	746609	16.95%	3.627%
3	4.821	357	363	370	rBV3	31856	50048	1.14%	0.243%
4	5.302	439	445	454	rVB	525941	756036	17.17%	3.672%
5	6.906	711	718	725	rBV	346574	532749	12.10%	2.588%
6	7.247	769	776	787	rBV	939972	1455085	33.04%	7.068%
7	7.705	845	854	861	rBV	228623	347055	7.88%	1.686%
8	8.029	902	909	916	rVB	747974	1178130	26.75%	5.723%
9	8.869	1044	1052	1059	rBV	702561	1148890	26.09%	5.581%
10	10.502	1321	1330	1337	rBV	297178	490564	11.14%	2.383%
11	12.711	1701	1706	1713	rVB2	32789	50562	1.15%	0.246%
12	12.982	1744	1752	1760	rBV	1709340	2505717	56.90%	12.172%
13	14.362	1980	1987	1995	rBV2	487627	712078	16.17%	3.459%
14	15.855	2235	2241	2248	rBV	1718807	2371493	53.85%	11.520%
15	17.106	2448	2454	2462	rBV	655591	938921	21.32%	4.561%
16	18.011	2603	2608	2614	rBV2	87045	119551	2.71%	0.581%
17	19.744	2897	2903	2908	rBV	3655515	4403504	100.00%	21.390%
18	21.002	3114	3117	3123	rBV2	93684	124466	2.83%	0.605%
19	21.213	3149	3153	3157	rBV2	40829	50973	1.16%	0.248%
20	21.290	3161	3166	3172	rVV	775182	1016051	23.07%	4.935%
21	22.476	3364	3368	3374	rVB	132393	168791	3.83%	0.820%
22	23.557	3545	3552	3562	rVB	516532	998733	22.68%	4.851%

Sum of corrected areas: 20586641

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
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Operator : TP/IZ
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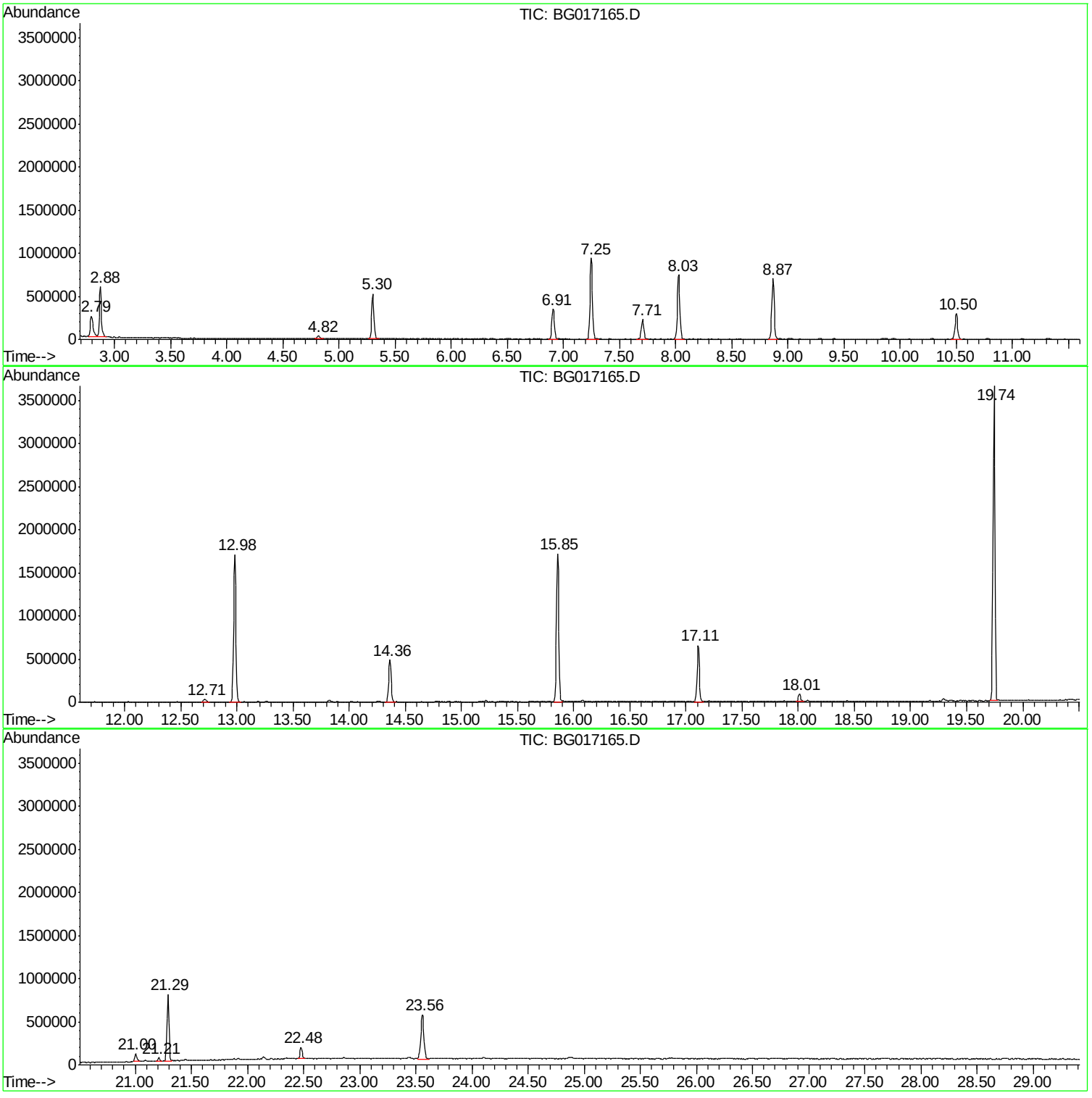
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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\BG051415\
Data File : BG017165.D
Acq On : 15 May 2015 7:15
Operator : TP/IZ
Sample : G2179-11
Misc :
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Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

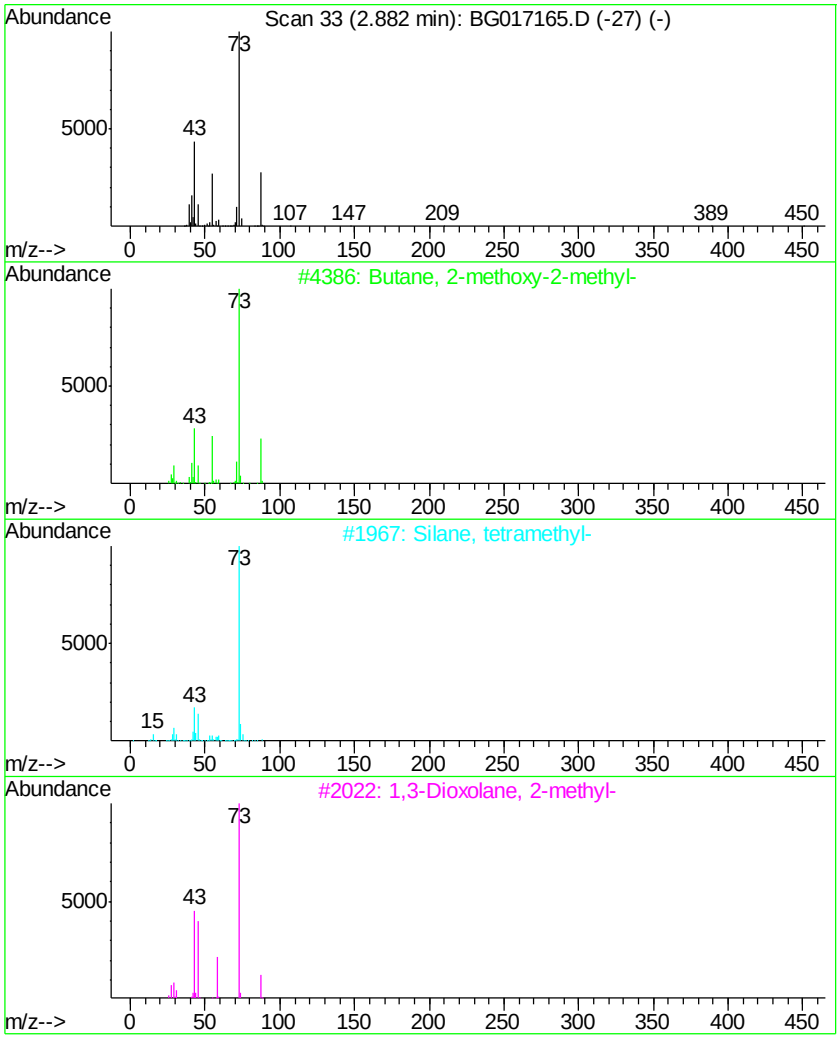
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

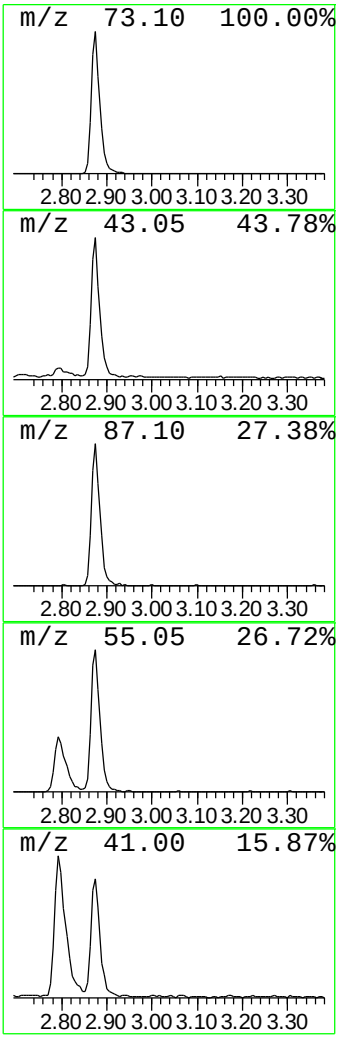
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	43.03 ng	746609	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017165.D
Acq On : 15 May 2015 7:15
Operator : TP/IZ
Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

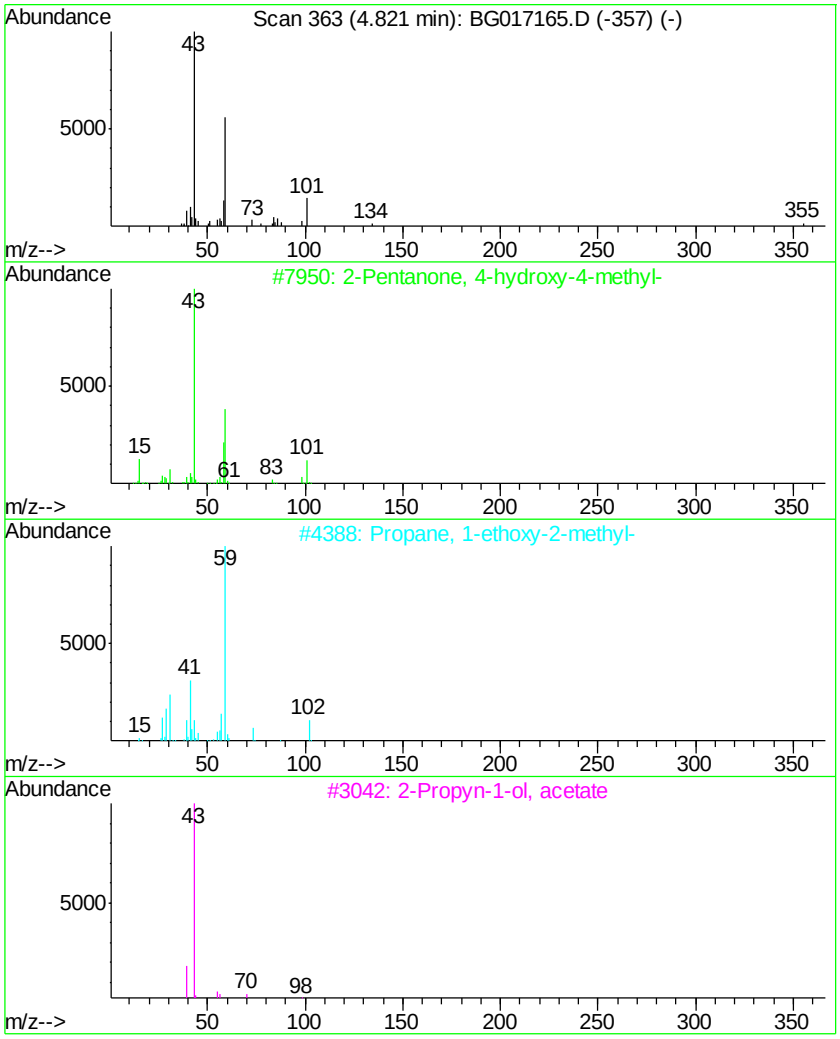
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

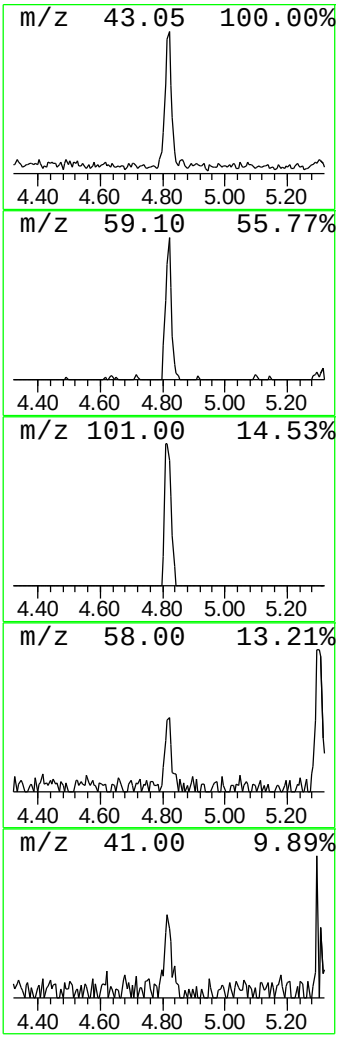
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.88 ng	50048	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	40
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	4-Penten-2-one	84	C5H8O	013891-87-7	9





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Data File : BG017165.D
Acq On : 15 May 2015 7:15
Operator : TP/IZ
Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

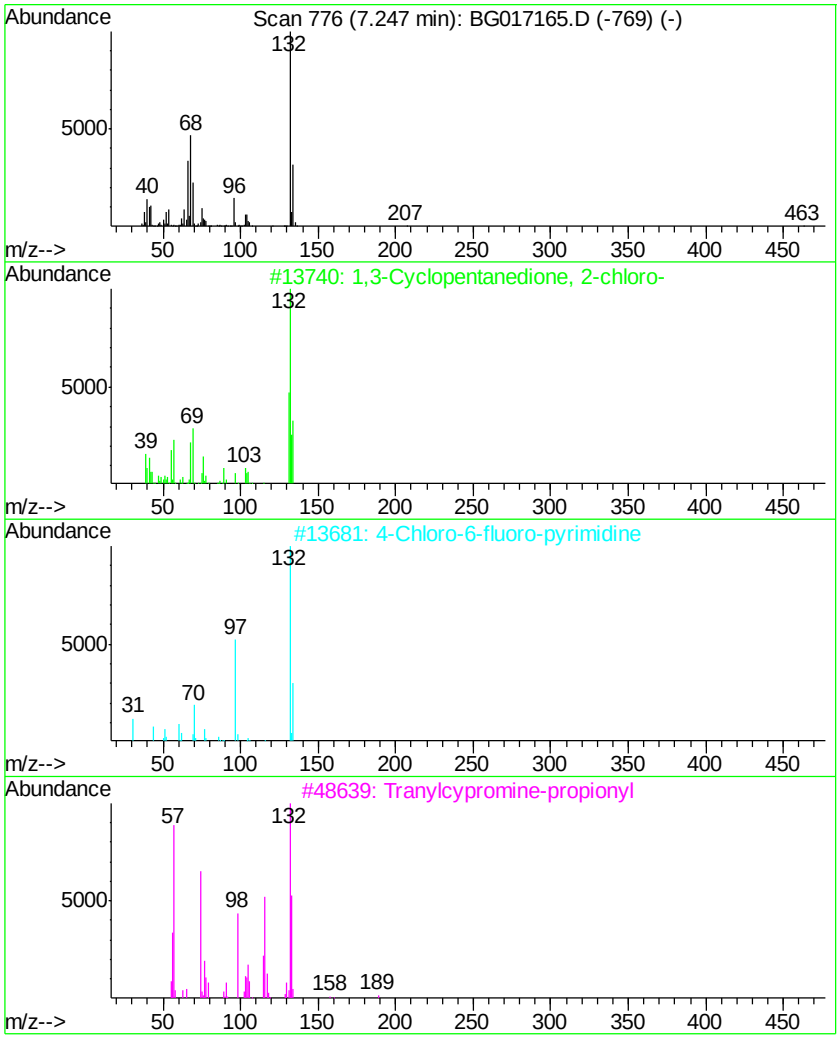
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

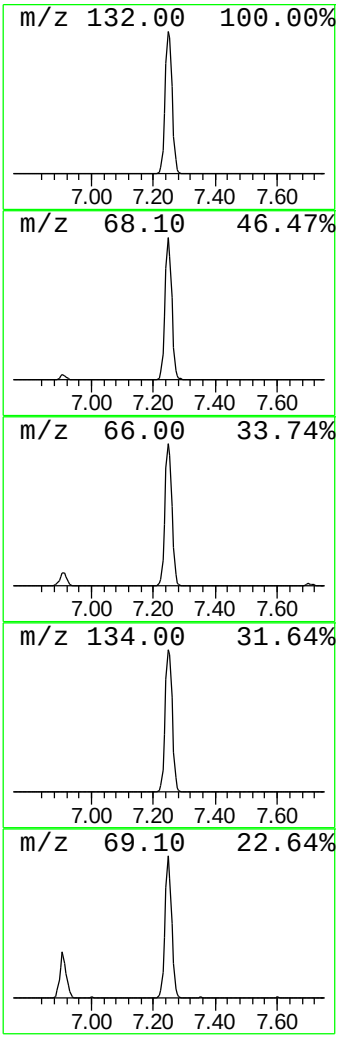
****

Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	83.85 ng	1455090	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	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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Data File : BG017165.D
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Operator : TP/IZ
Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

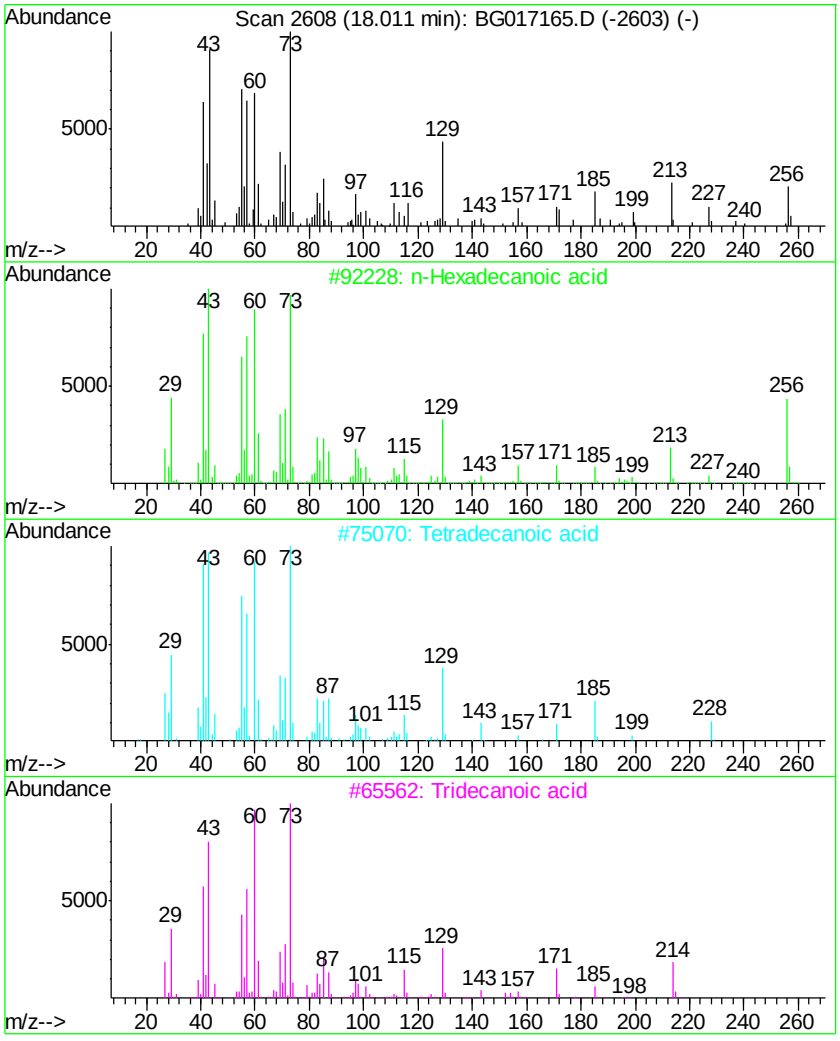
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

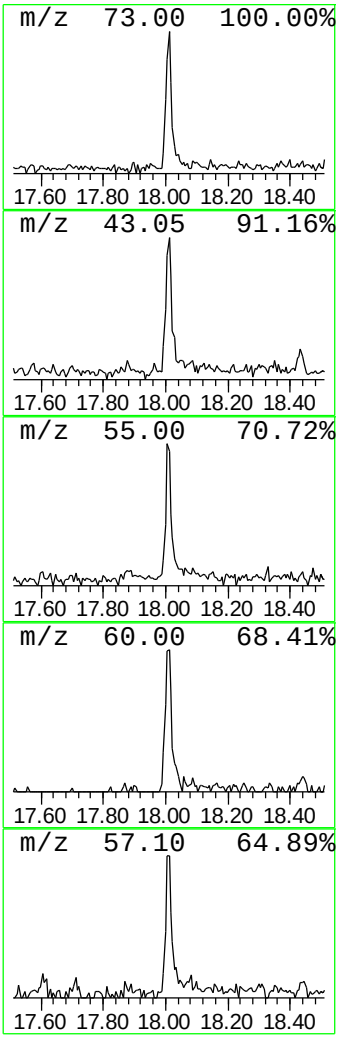
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.55 ng	119551	Phenanthrene-d10	17.11

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	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





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Operator : TP/IZ
Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

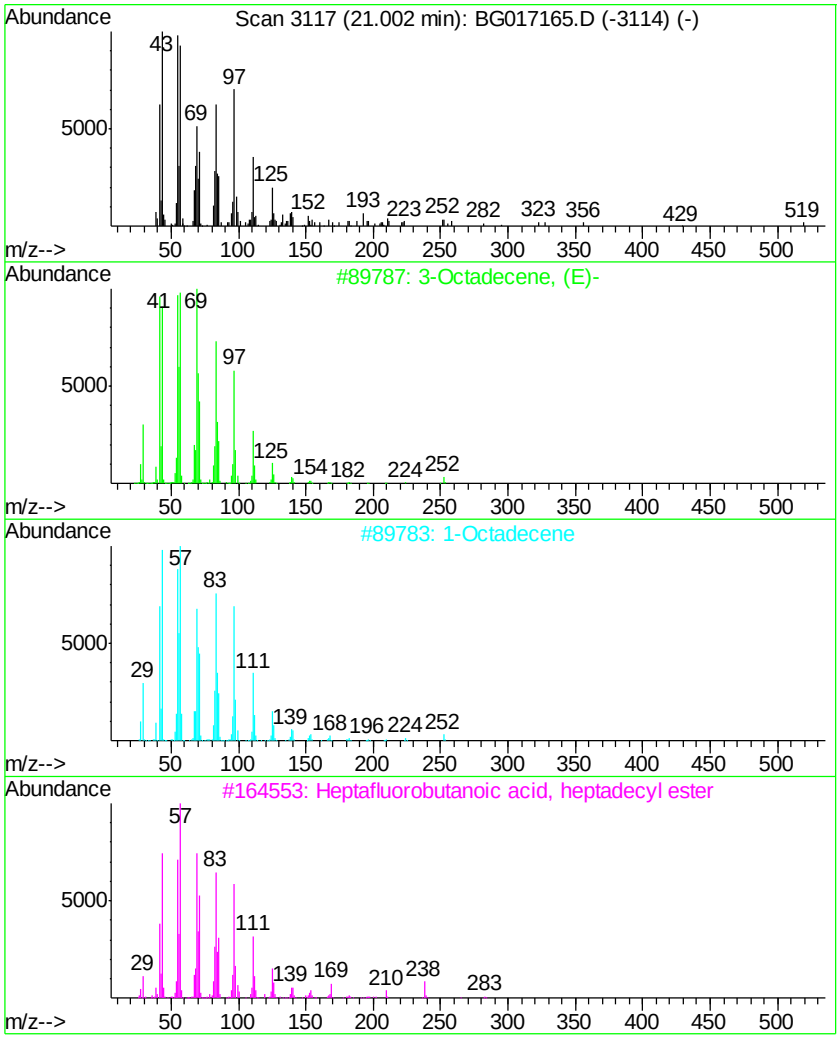
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

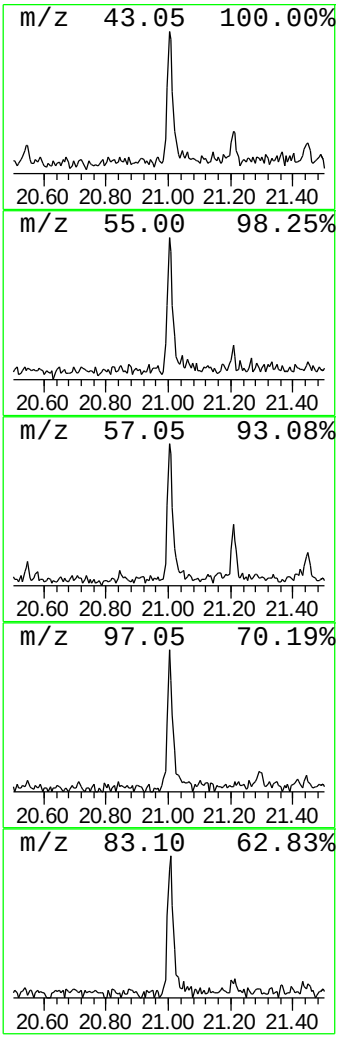
****

Peak Number 7 3-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.45 ng	124466	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
2	1-Octadecene	252	C18H36	000112-88-9	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
4	1-Tricosene	322	C23H46	018835-32-0	87
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87





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Sample : G2179-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-3

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

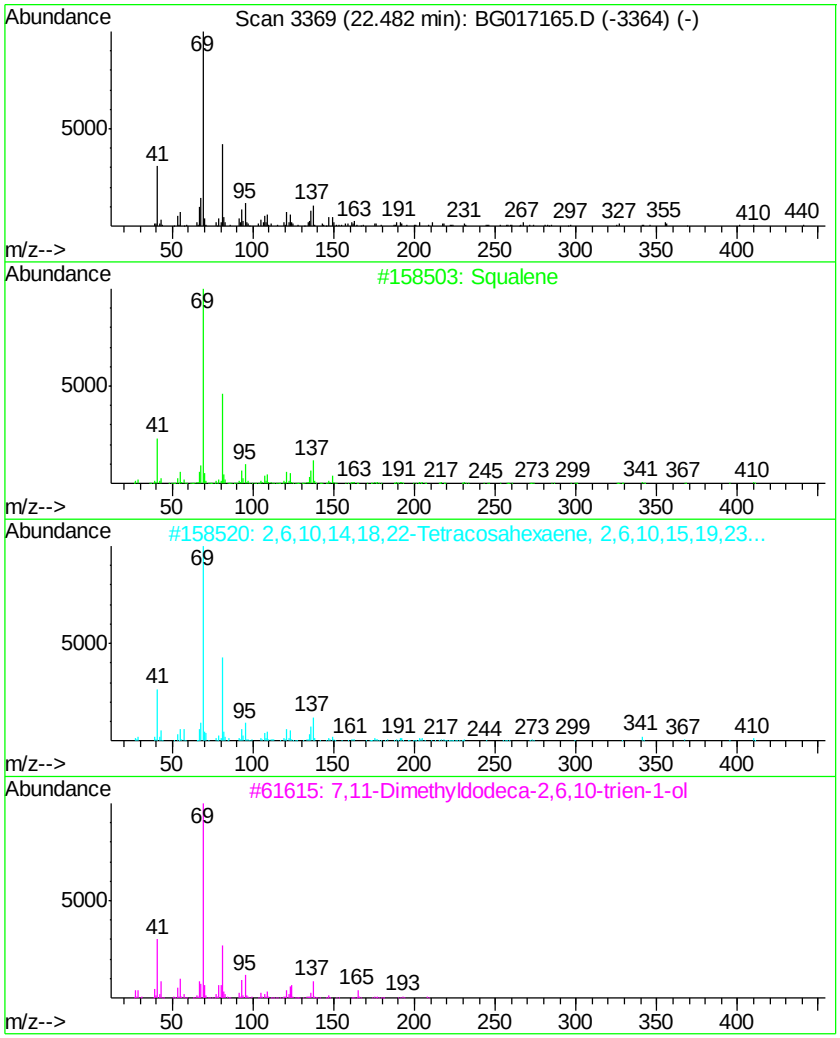
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

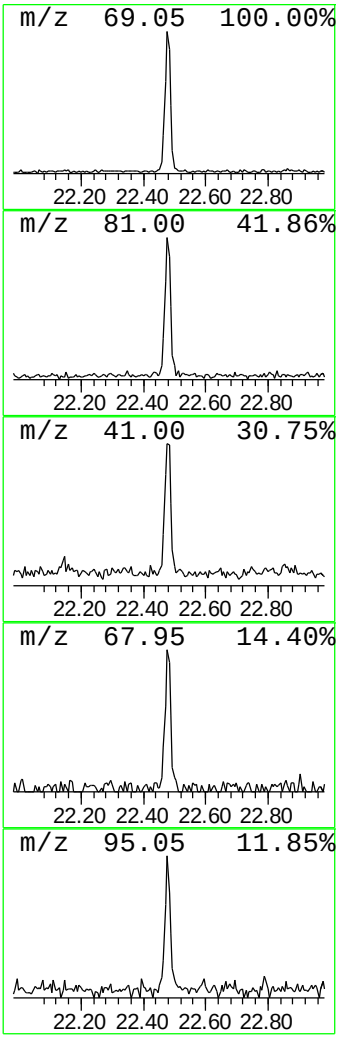
****

Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.38 ng	168791	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	86
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





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	43.0	ng	746609	1	7.71	347055	20.0
2-Pentanone, 4-hy...	4.82	2.9	ng	50048	1	7.71	347055	20.0
unknown7.25	7.25	83.8	ng	1455090	1	7.71	347055	20.0
n-Hexadecanoic acid	18.01	2.5	ng	119551	4	17.11	938921	20.0
3-Octadecene, (E)-	21.00	2.5	ng	124466	5	21.30	1016050	20.0
Squalene	22.48	3.4	ng	168791	6	23.56	998733	20.0