LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017162.D
Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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	27	rBV	184287	298170	6.53%	1.367%
2	2.876	27	32	41	rVB	498476	652927	14.30%	2.993%
3	4.815	357	362	369	rVB2	29564	46693	1.02%	0.214%
4	5.303	438	445	452	rBV	561571	787253	17.24%	3.609%
5	6.907	710	718	726	rBV	384909	582831	12.76%	2.672%
6	7.248	769	776	786	rBV	1004423	1529082	33.48%	7.010%
7	7.706	848	854	863	rVB	231020	351885	7.71%	1.613%
8	8.029	901	909	916	rBV	758932	1199499	26.27%	5.499%
9	8.869	1044	1052	1062	rVB	767008	1224068	26.80%	5.611%
10	10.503	1323	1330	1337	rBV	317574	525083	11.50%	2.407%
11	12.712	1701	1706	1714	rBV2	76932	112849	2.47%	0.517%
12	12.982	1743	1752	1760	rBV	1811082	2793239	61.17%	12.805%
13	14.363	1979	1987	1993	rBV2	491238	744822	16.31%	3.414%
14	15.855	2234	2241	2248	rBV	1832545	2541308	55.65%	11.650%
15	17.107	2446	2454	2460	rBV	679009	953380	20.88%	4.370%
16	18.012	2603	2608	2615	rBV2	208098	283843	6.22%	1.301%
17	18.082	2616	2620	2623	rVB	40588	50937	1.12%	0.234%
18	19.292	2823	2826	2833	rBV2	106260	153304	3.36%	0.703%
19	19.745	2896	2903	2908	rBV	3701228	4566672	100.00%	20.934%
20	21.002	3114	3117	3124	rBV4	60658	80271	1.76%	0.368%
21	21.208	3149	3152	3157	rVB	53181	61862	1.35%	0.284%
22	21.290	3161	3166	3174	rBV	829430	1059885	23.21%	4.859%
23	22.477	3364	3368	3374	rVB	161730	208853	4.57%	0.957%
24	23.558	3545	3552	3560	rVB2	544163	1005695	22.02%	4.610%

Sum of corrected areas: 21814411

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
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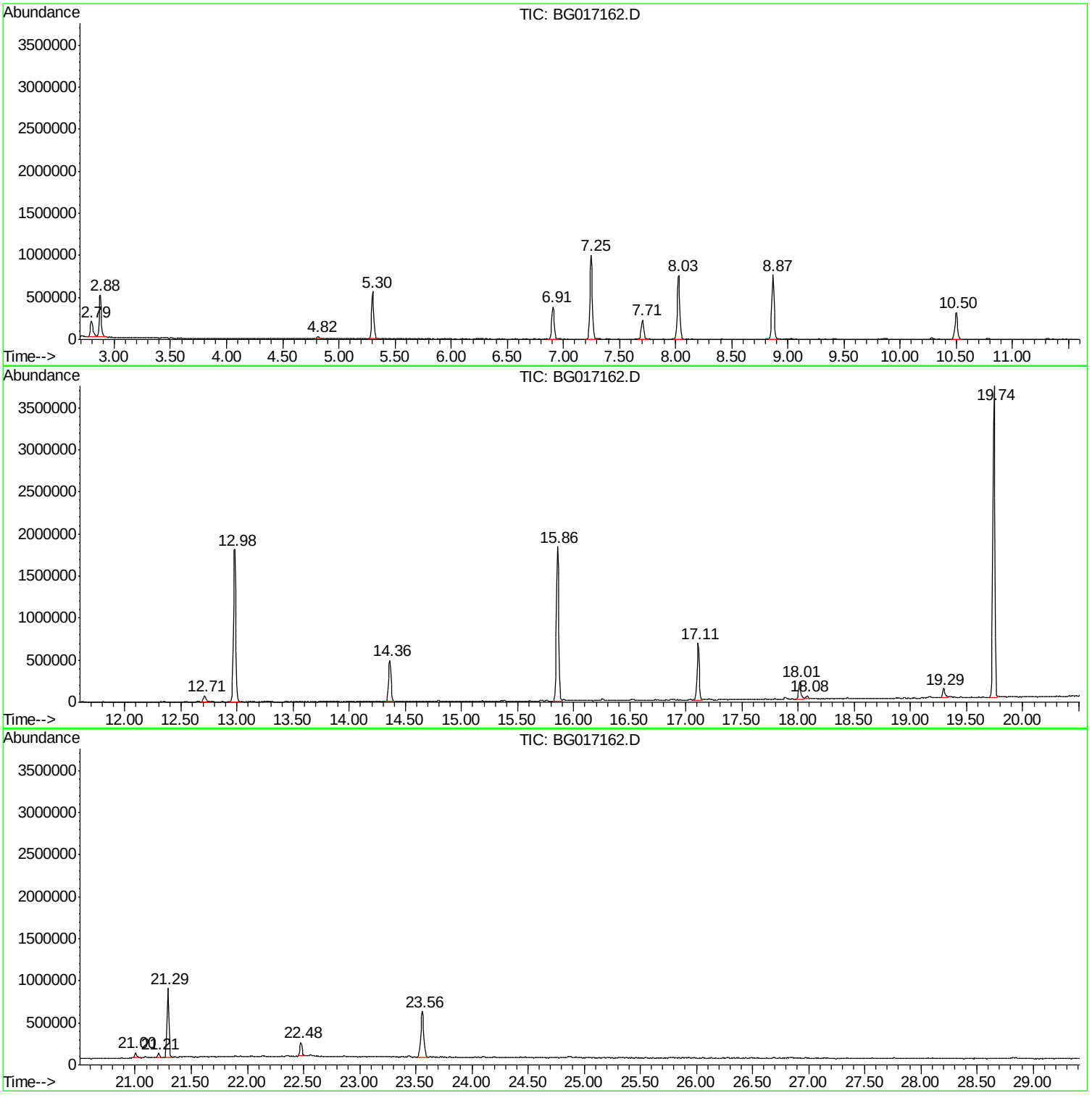
Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-RMW-2

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 : BG017162.D
Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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

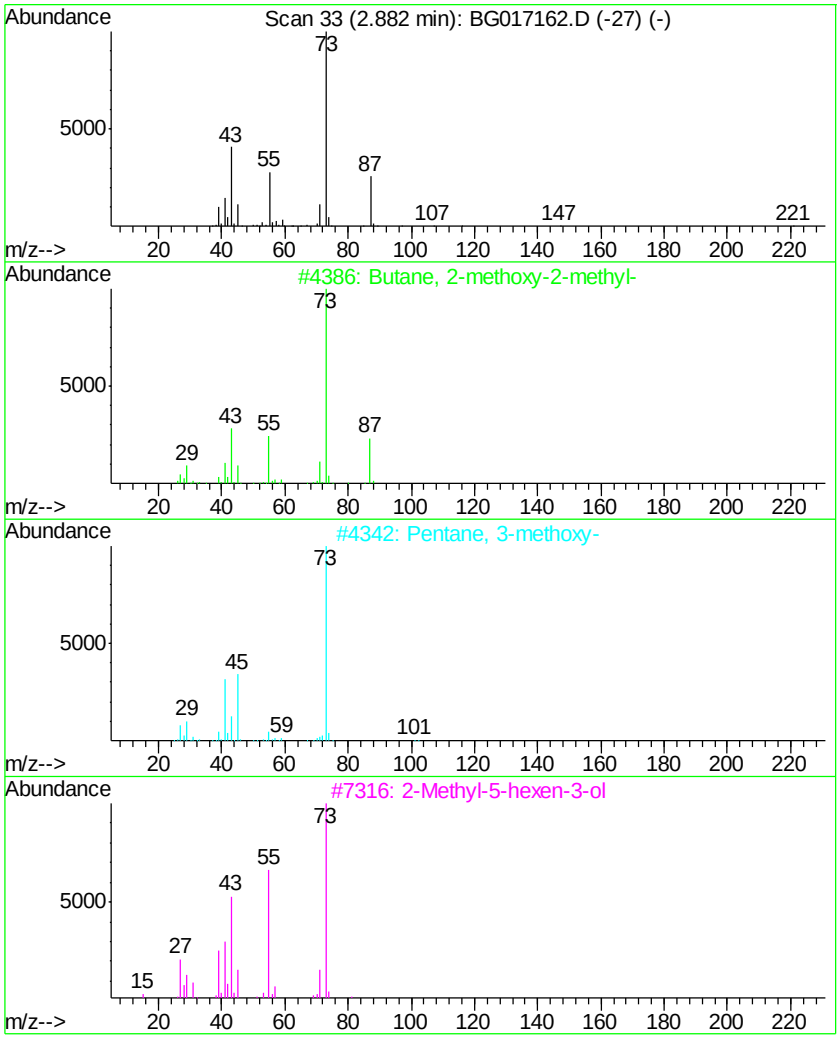
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

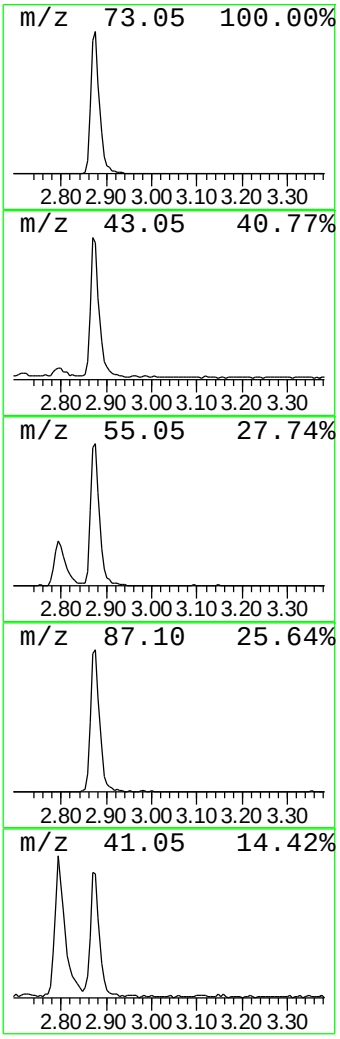
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	37.11 ng	652927	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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

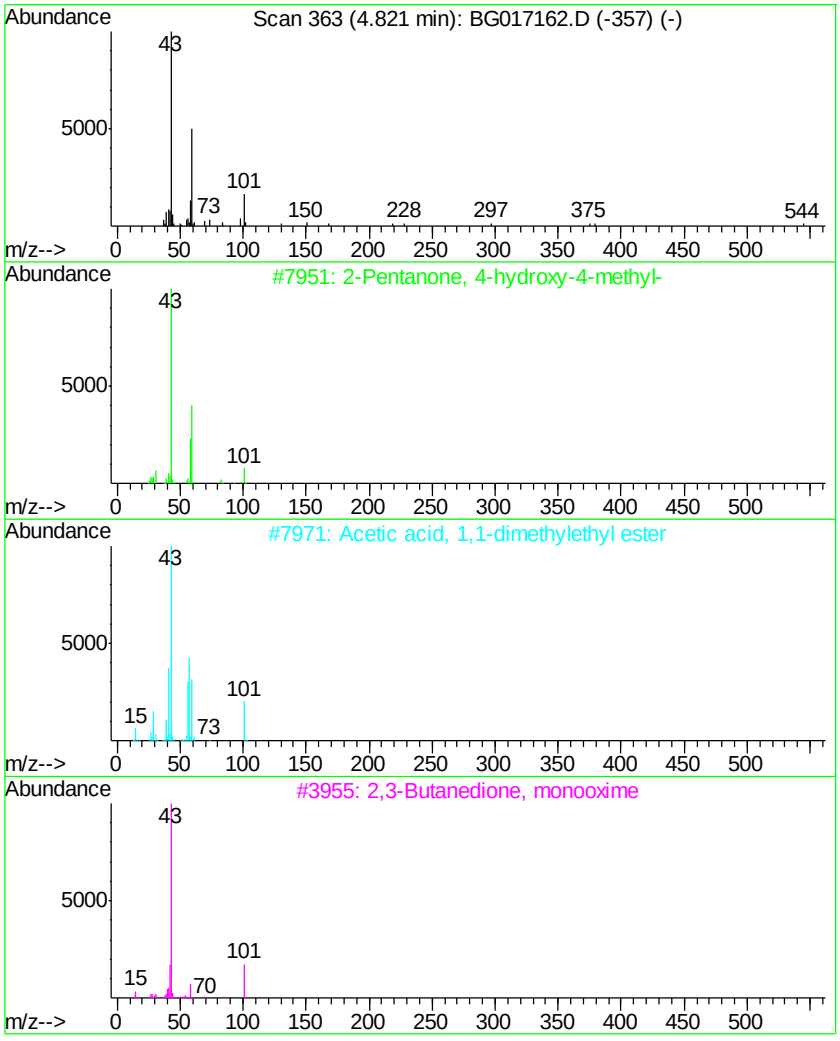
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

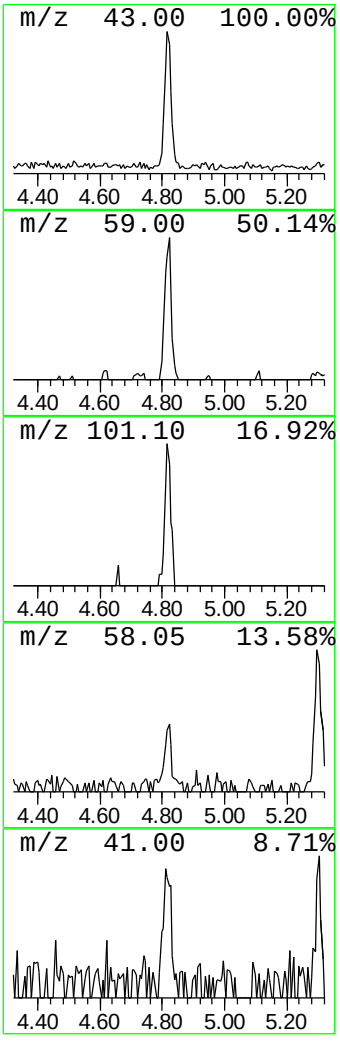
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	2.65 ng	46693	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	42
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Propanedioyl dihydrazide	132	C3H8N4O2	003815-86-9	9
5	2-Butanol, 2-methyl-, acetate	130	C7H14O2	000625-16-1	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017162.D
Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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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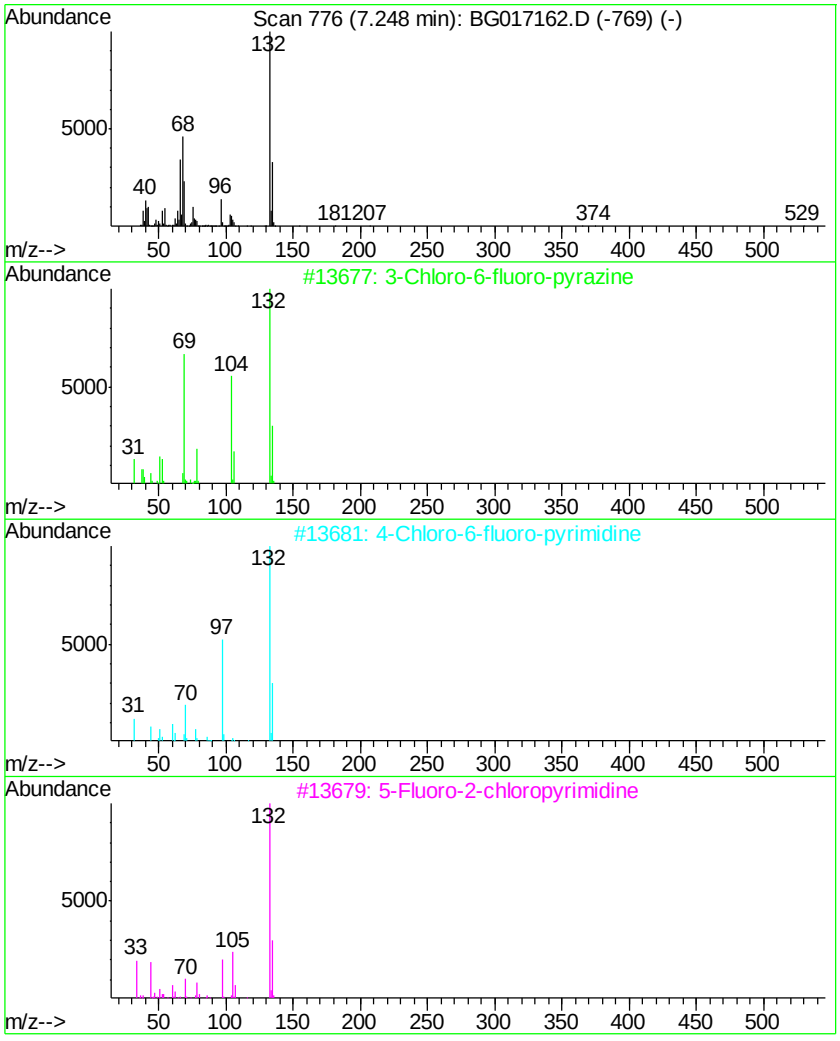
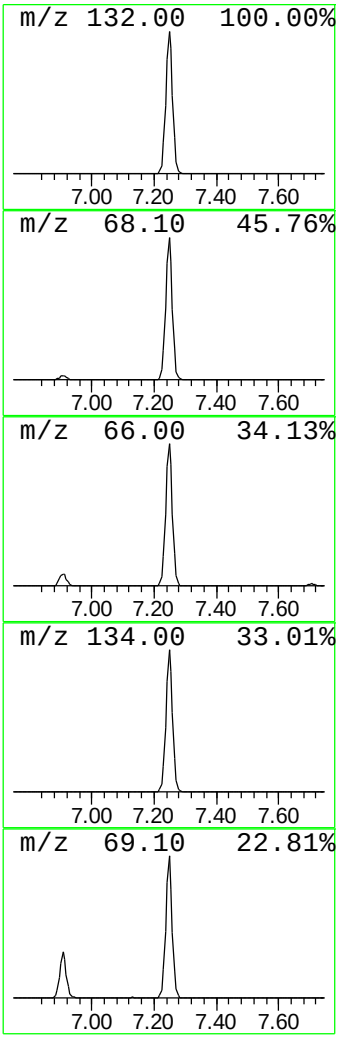
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	86.91 ng	1529080	1,4-Dichlorobenzene-d4	7.71

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





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Data File : BG017162.D
Acq On : 15 May 2015 5:31
Operator : TP/IZ
Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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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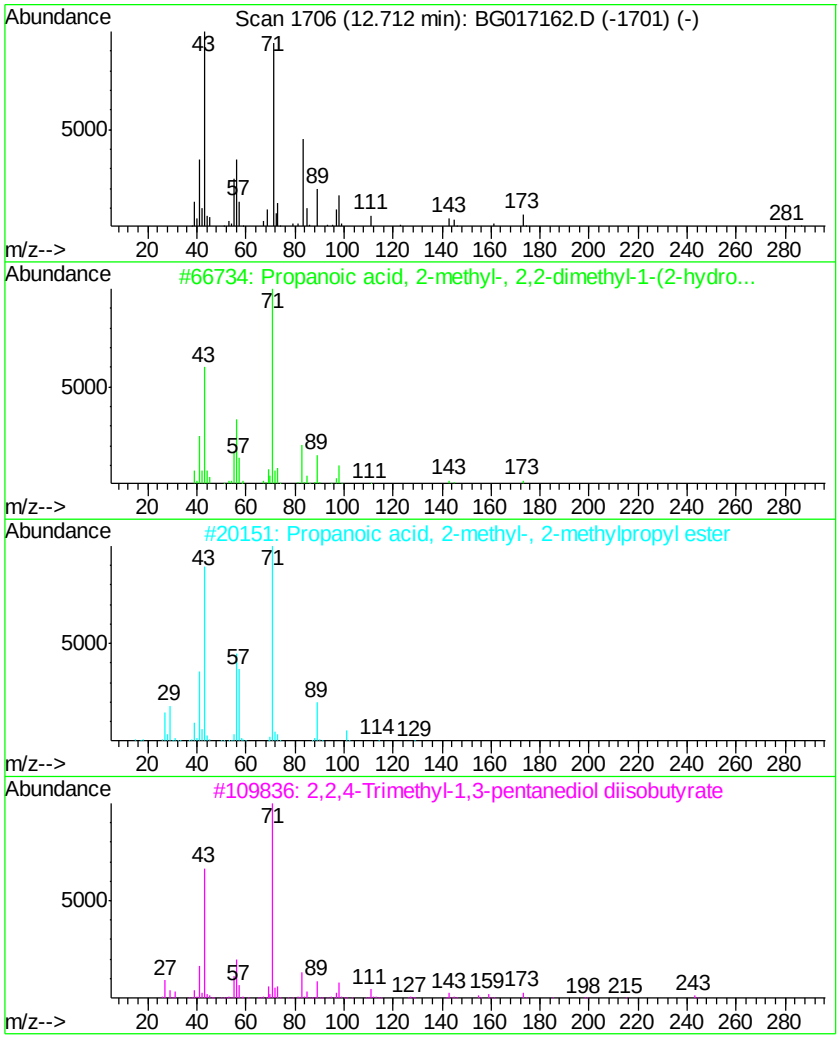
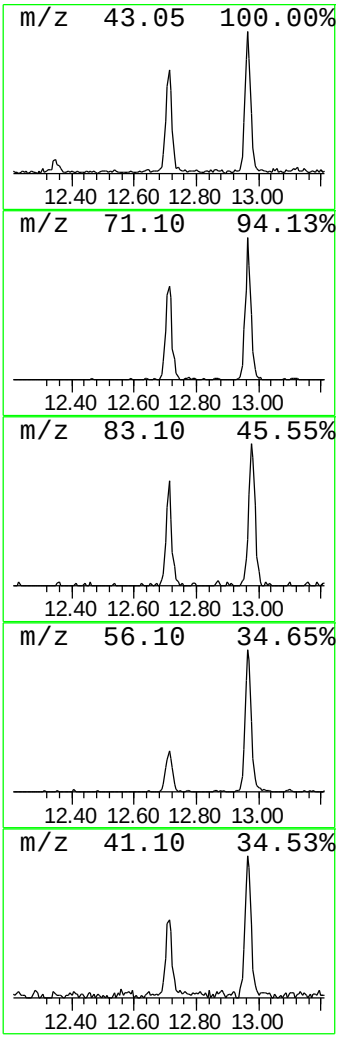
Peak Number 6 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.03 ng	112849	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	64
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
4	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	42
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	38





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Acq On : 15 May 2015 5:31
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Sample : G2179-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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

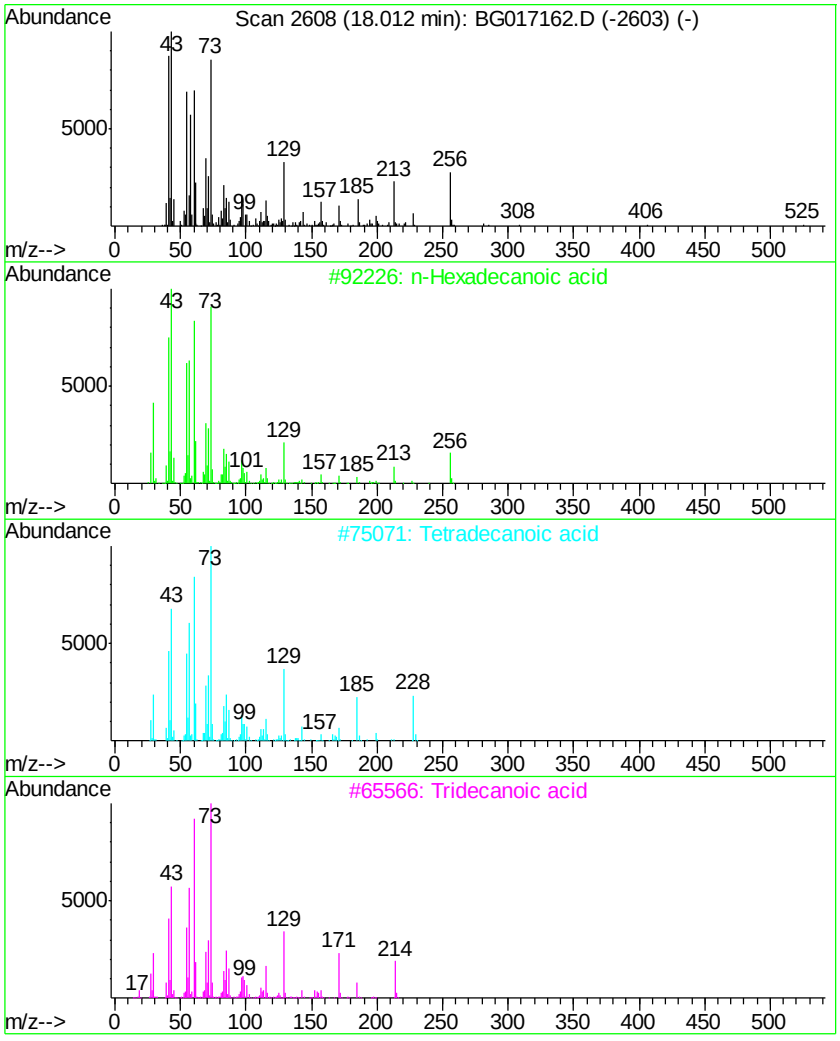
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

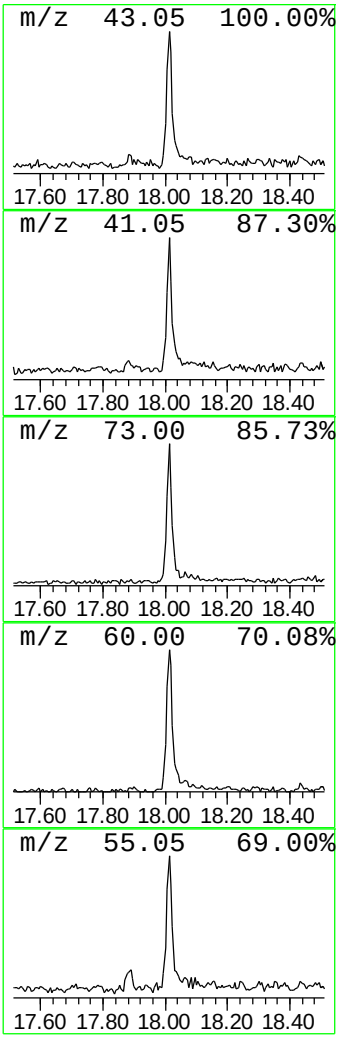
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.95 ng	283843	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017162.D
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Operator : TP/IZ
Sample : G2179-08
Misc :
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Instrument : BNA_G
ClientSampleId : RAV-RMW-2

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

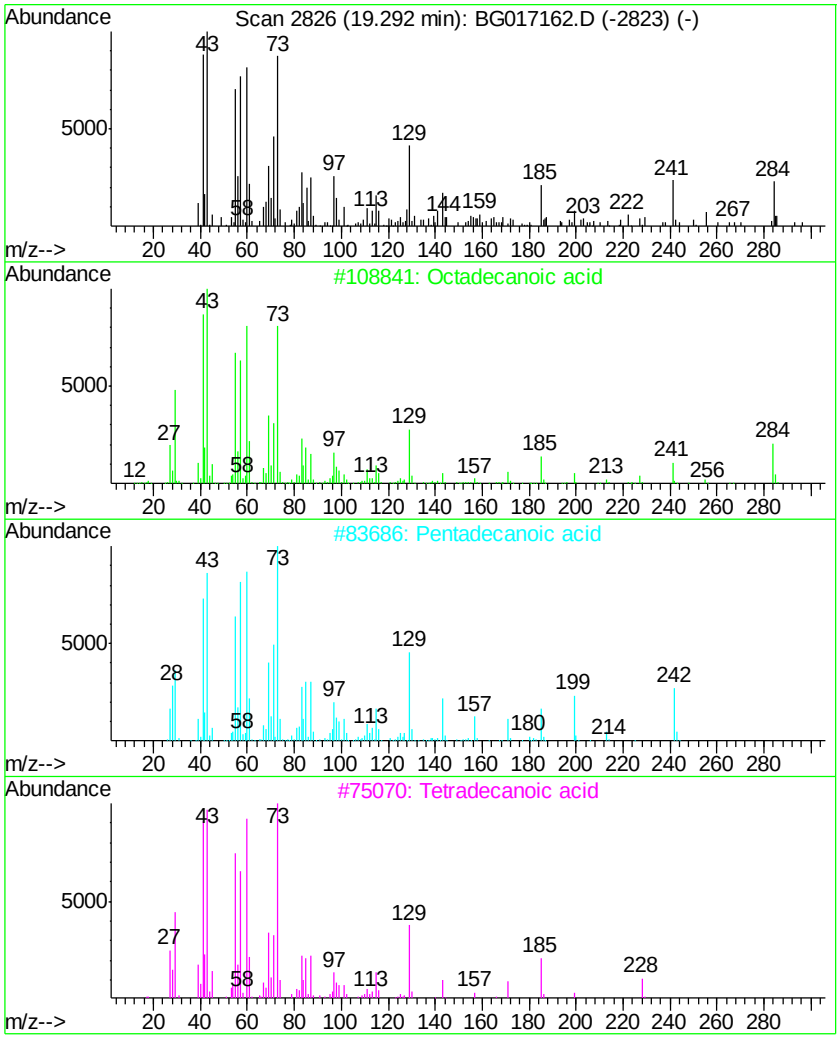
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

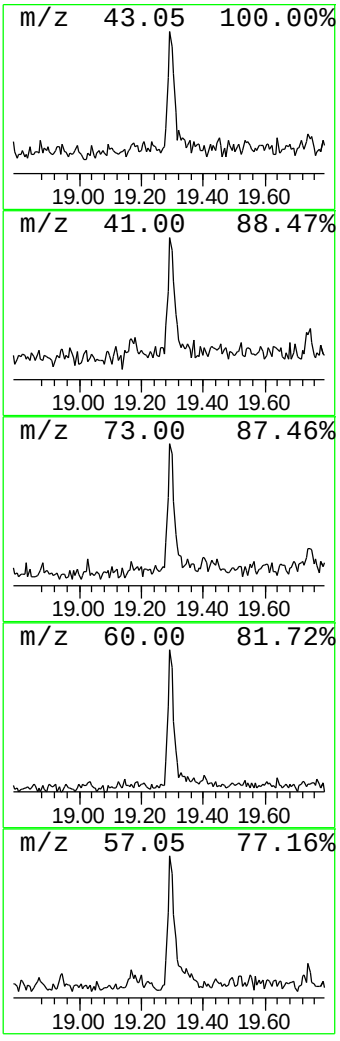
****

Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.89 ng	153304	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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ClientSampleId : RAV-RMW-2

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

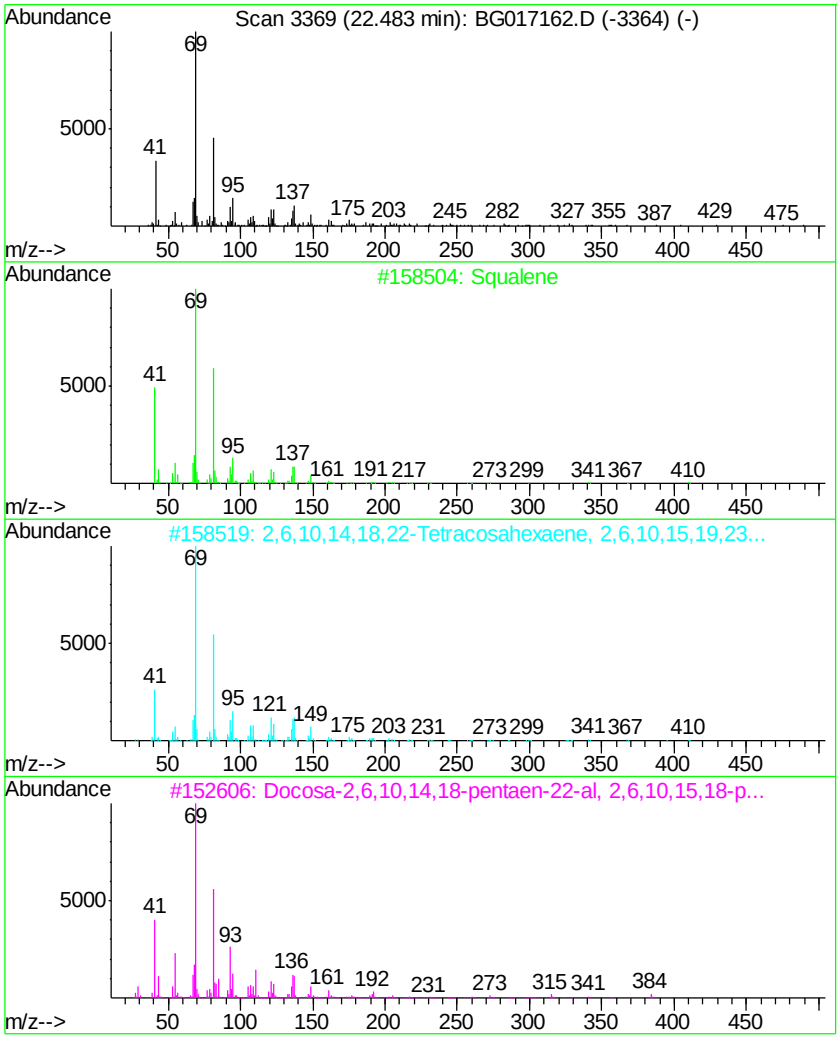
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

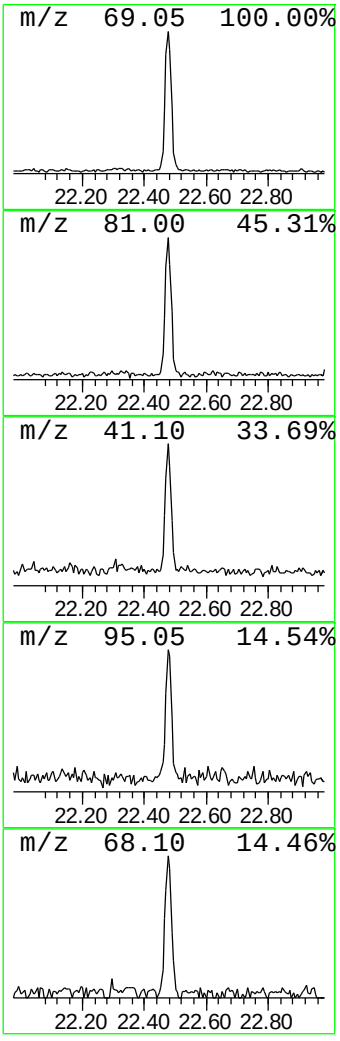
****

Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	4.15 ng	208853	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	87
4	Farnesol isomer a	222	C15H26O	1000108-92-4	81
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	37.1	ng	652927	1	7.71	351885	20.0
2-Pentanone, 4-hy...	4.82	2.6	ng	46693	1	7.71	351885	20.0
unknown7.25	7.25	86.9	ng	1529080	1	7.71	351885	20.0
Propanoic acid, 2...	12.71	3.0	ng	112849	3	14.36	744822	20.0
n-Hexadecanoic acid	18.01	6.0	ng	283843	4	17.11	953380	20.0
Octadecanoic acid	19.29	2.9	ng	153304	5	21.29	1059890	20.0
Squalene	22.48	4.2	ng	208853	6	23.56	1005700	20.0