LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017163.D
Acq On : 15 May 2015 6:06
Operator : TP/IZ
Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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	2.792	13	18	28	rBV	192467	333763	7.50%	1.581%
2	2.875	28	32	39	rVB	521061	618221	13.89%	2.928%
3	4.814	357	362	367	rVB3	29588	46406	1.04%	0.220%
4	5.301	437	445	455	rBV	481394	682201	15.33%	3.231%
5	6.905	711	718	725	rBV	319901	498136	11.19%	2.359%
6	7.246	769	776	785	rBV	876321	1370196	30.78%	6.489%
7	7.704	848	854	861	rBV	214116	338862	7.61%	1.605%
8	8.027	902	909	917	rBV	729031	1152919	25.90%	5.460%
9	8.868	1044	1052	1060	rBV	715870	1135069	25.50%	5.375%
10	10.501	1322	1330	1338	rVB	297763	491796	11.05%	2.329%
11	12.710	1700	1706	1711	rBV3	39094	55200	1.24%	0.261%
12	12.980	1744	1752	1763	rVB	1759542	2562108	57.56%	12.133%
13	14.361	1981	1987	1995	rBV2	473229	706817	15.88%	3.347%
14	15.854	2233	2241	2251	rBV	1632440	2293155	51.52%	10.859%
15	17.111	2449	2455	2462	rBV	624549	906571	20.37%	4.293%
16	18.010	2603	2608	2614	rBV	107791	138853	3.12%	0.658%
17	19.291	2821	2826	2834	rBV3	42973	67995	1.53%	0.322%
18	19.743	2897	2903	2909	rBV	3725187	4451066	100.00%	21.078%
19	21.006	3114	3118	3128	rVB	110952	140900	3.17%	0.667%
20	21.212	3148	3153	3159	rBV	911969	995082	22.36%	4.712%
21	21.294	3161	3167	3174	rVB	783656	1017793	22.87%	4.820%
22	22.475	3364	3368	3374	rVB3	95617	132117	2.97%	0.626%
23	23.556	3545	3552	3559	rBV	517713	981690	22.06%	4.649%

Sum of corrected areas: 21116916

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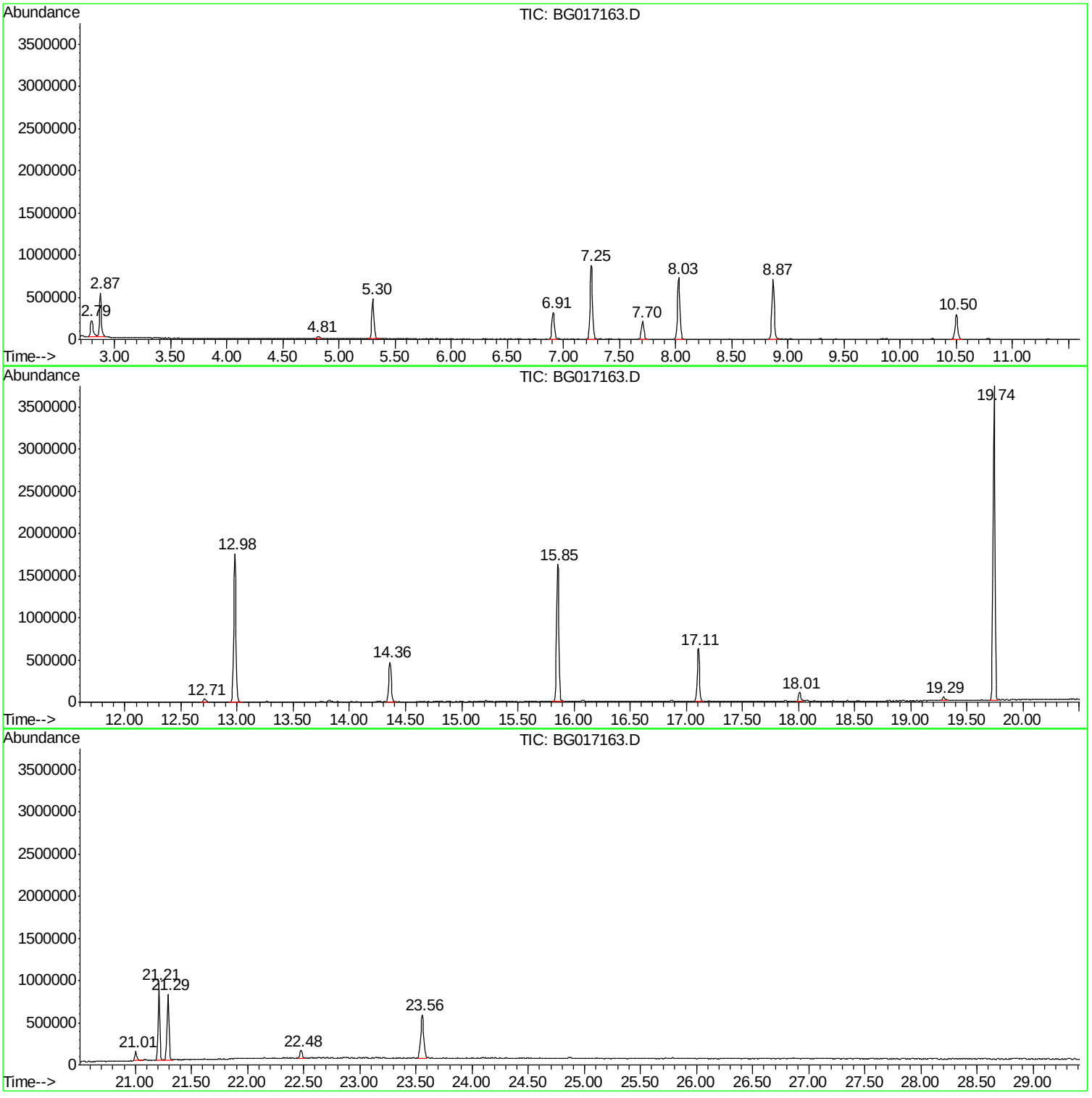
Instrument :
BNA_G
ClientSampleId :
RAV-RMW-1

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 : BG017163.D
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Operator : TP/IZ
Sample : G2179-09
Misc :
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Instrument :
BNA_G
ClientSampleId :
RAV-RMW-1

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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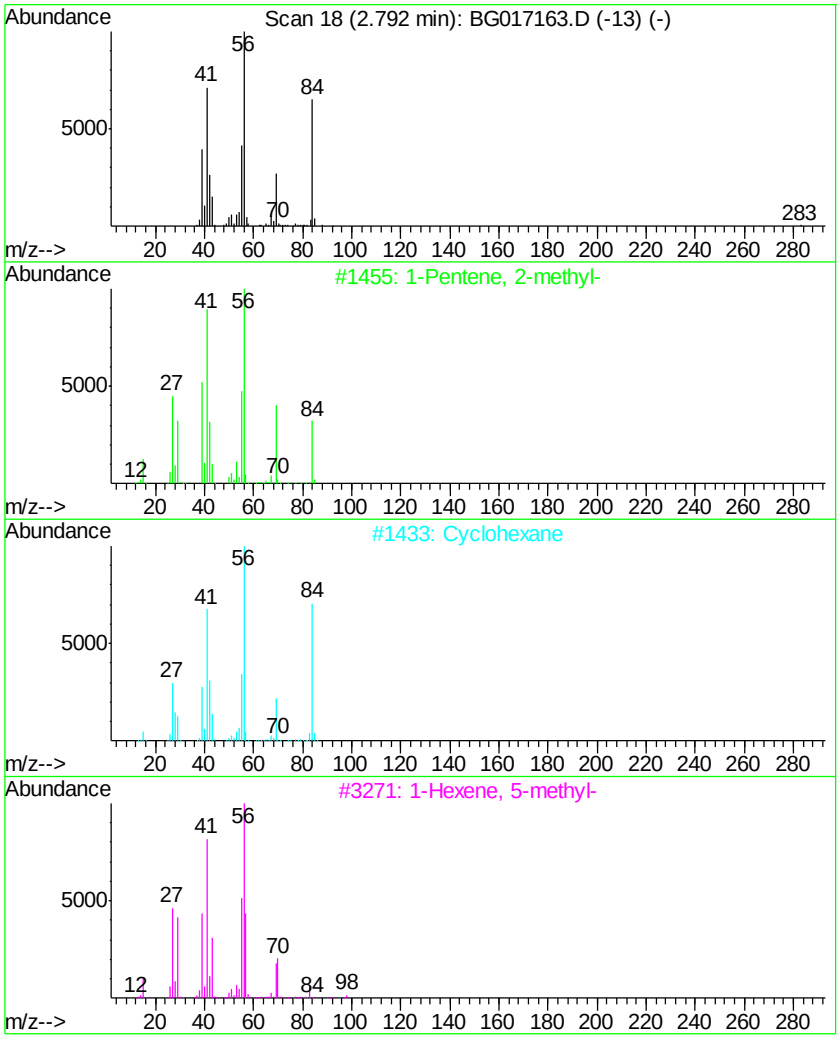
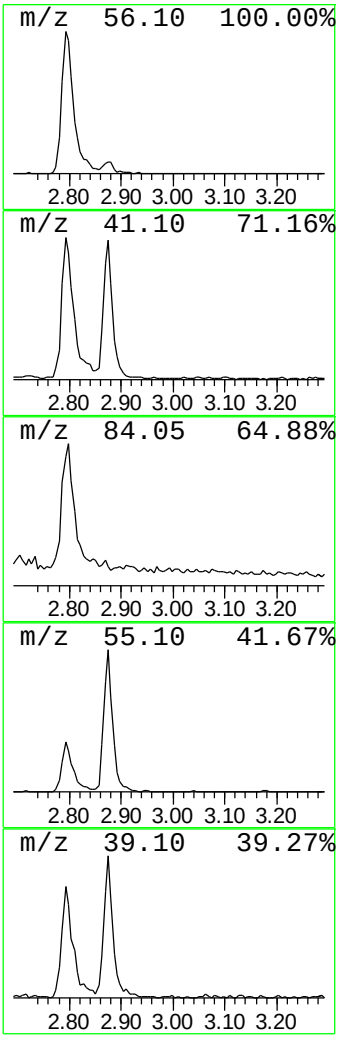
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	19.70 ng	333763	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
2	Cyclohexane	84	C6H12	000110-82-7	76
3	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53
4	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	40
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	38





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Data File : BG017163.D
Acq On : 15 May 2015 6:06
Operator : TP/IZ
Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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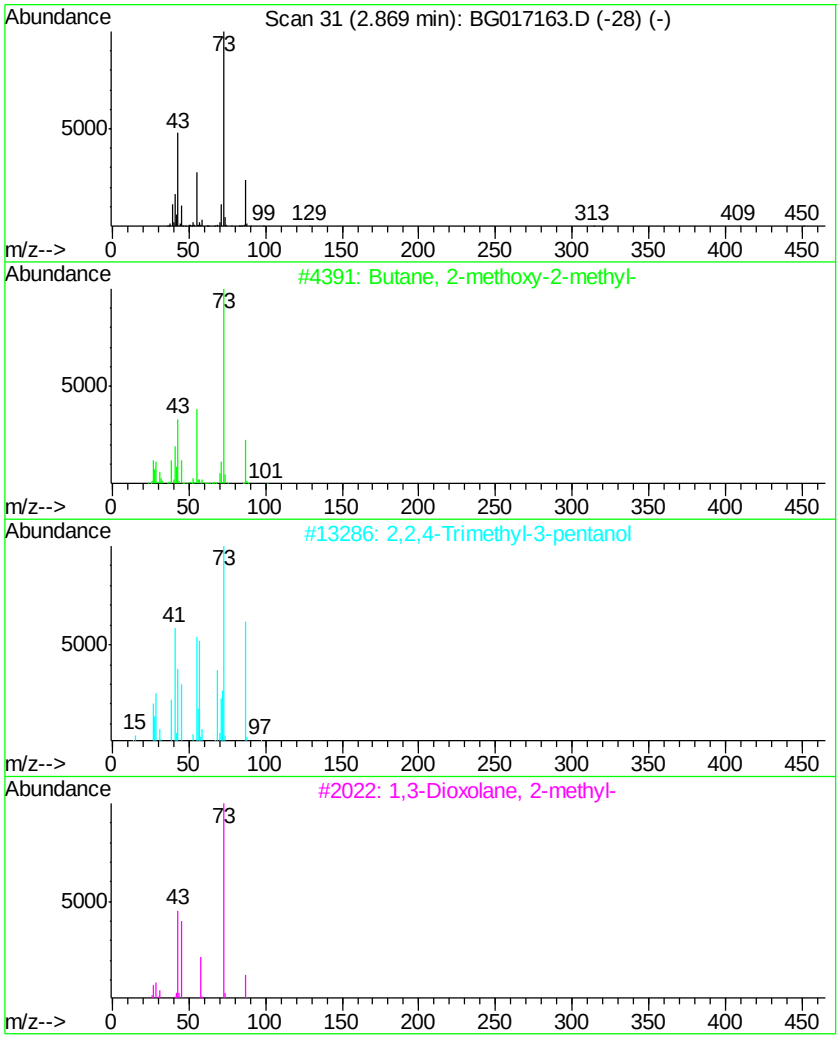
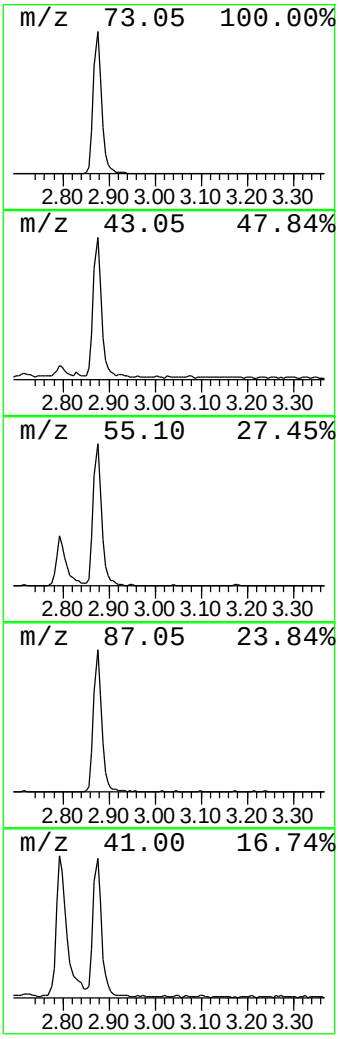
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	36.49 ng	618221	1,4-Dichlorobenzene-d4	7.70

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017163.D
Acq On : 15 May 2015 6:06
Operator : TP/IZ
Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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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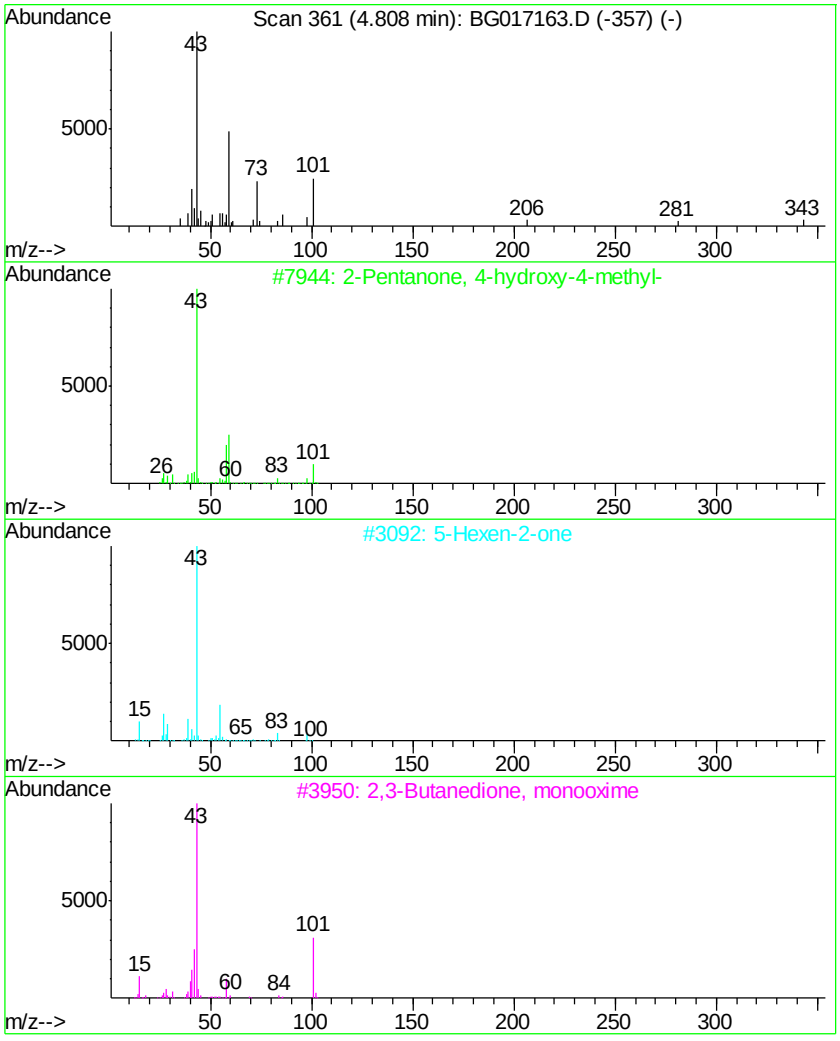
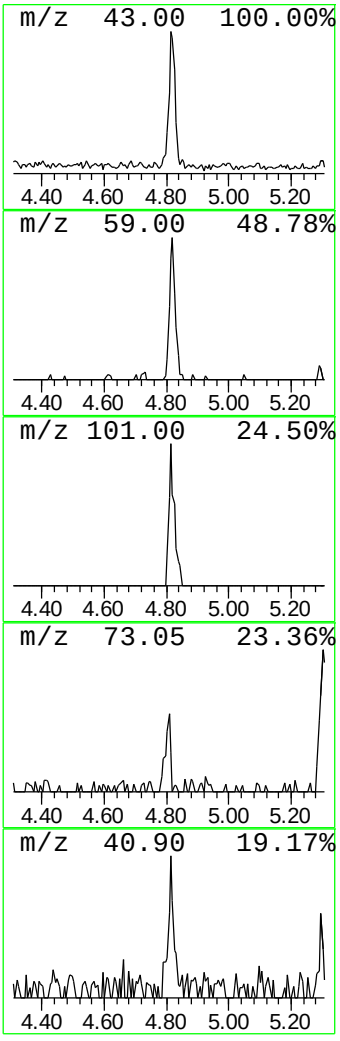
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	2.74 ng	46406	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Data File : BG017163.D
Acq On : 15 May 2015 6:06
Operator : TP/IZ
Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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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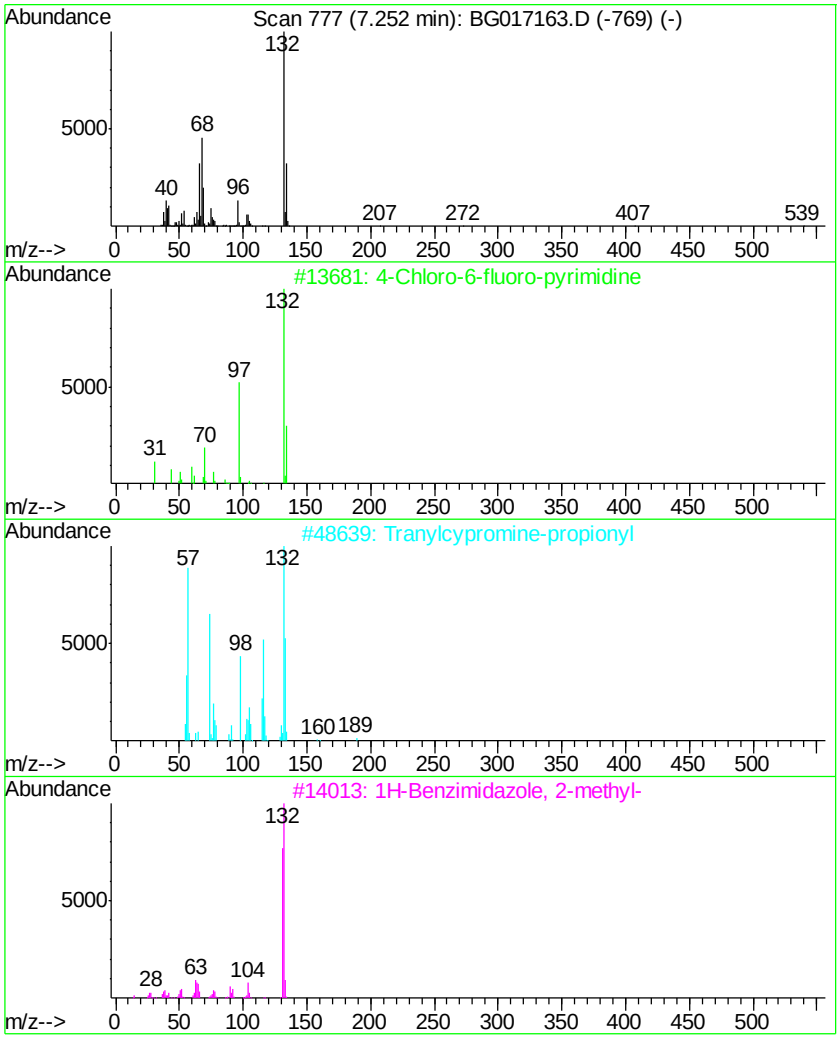
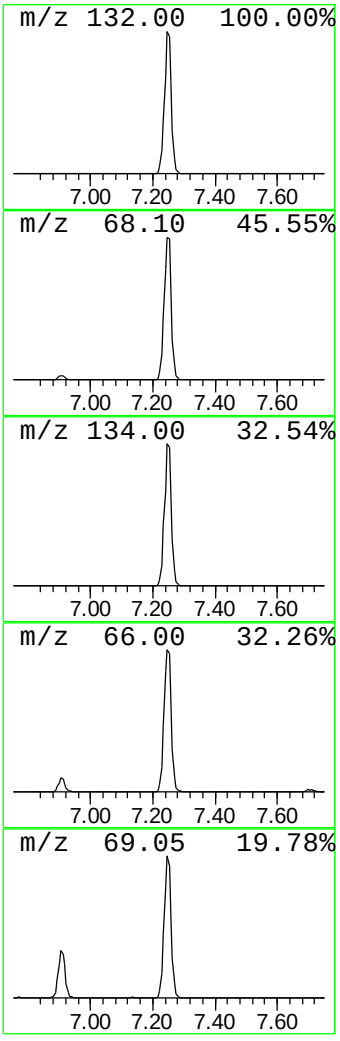
Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	80.87 ng	1370200	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13





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Operator : TP/IZ
Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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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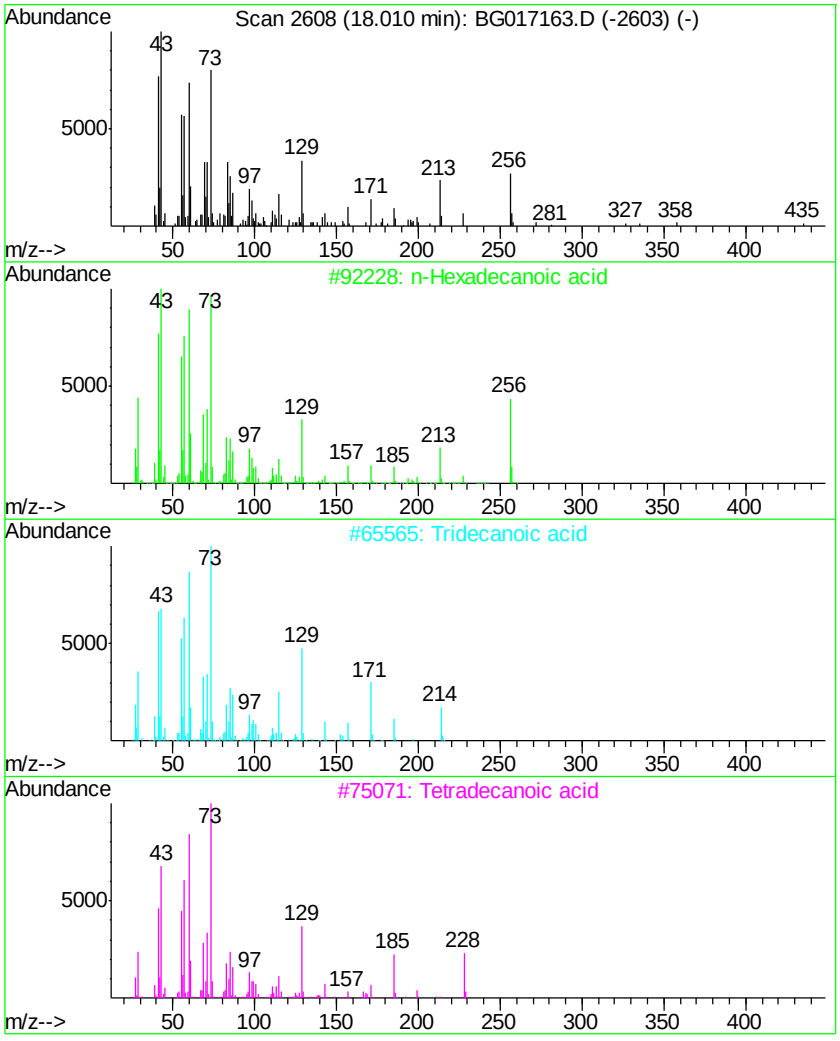
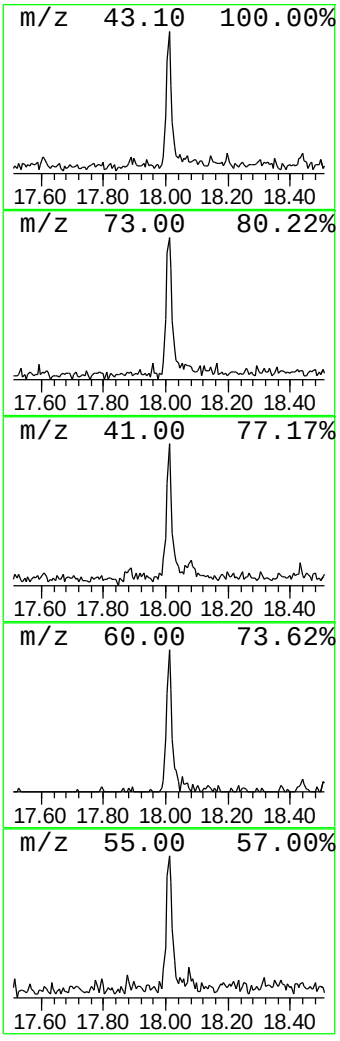
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.06 ng	138853	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Sample : G2179-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-RMW-1

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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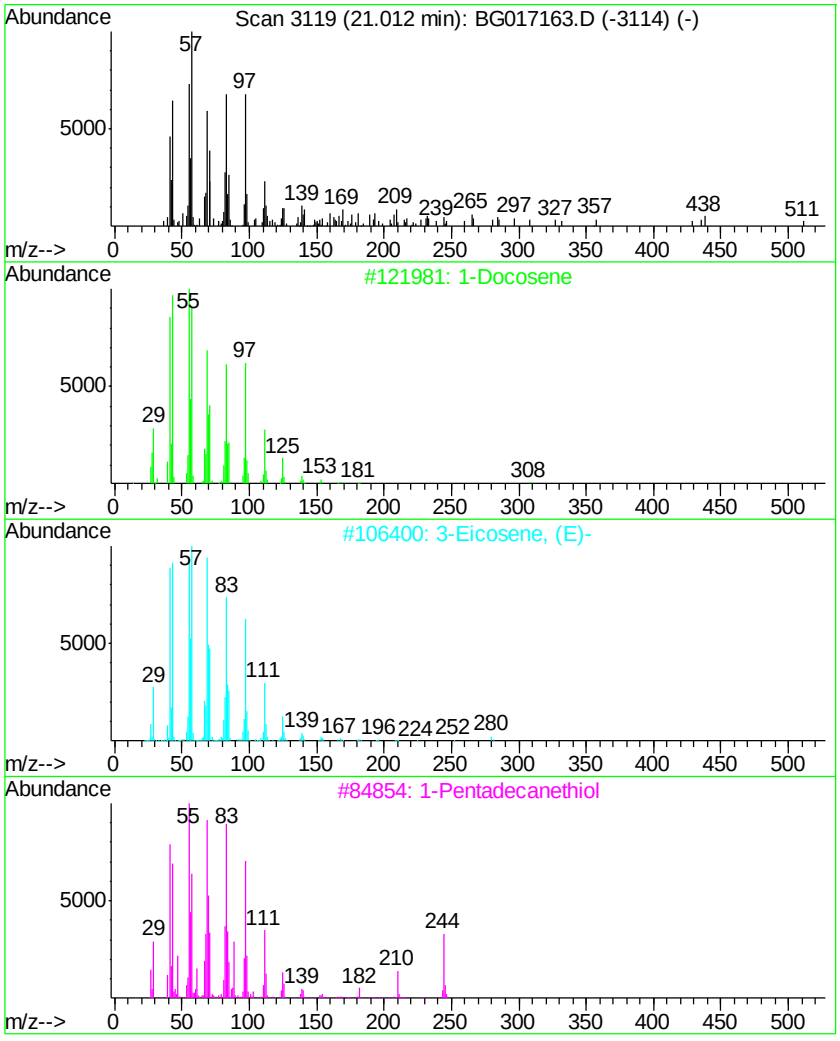
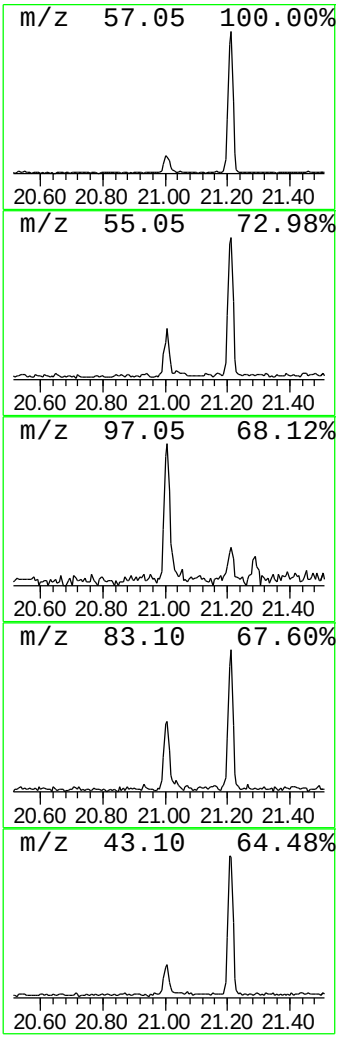
Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.77 ng	140900	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Pentadecanethiol	244	C15H32S	025276-70-4	91
4	1-Eicosene	280	C20H40	003452-07-1	83
5	Cycloeicosane	280	C20H40	000296-56-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

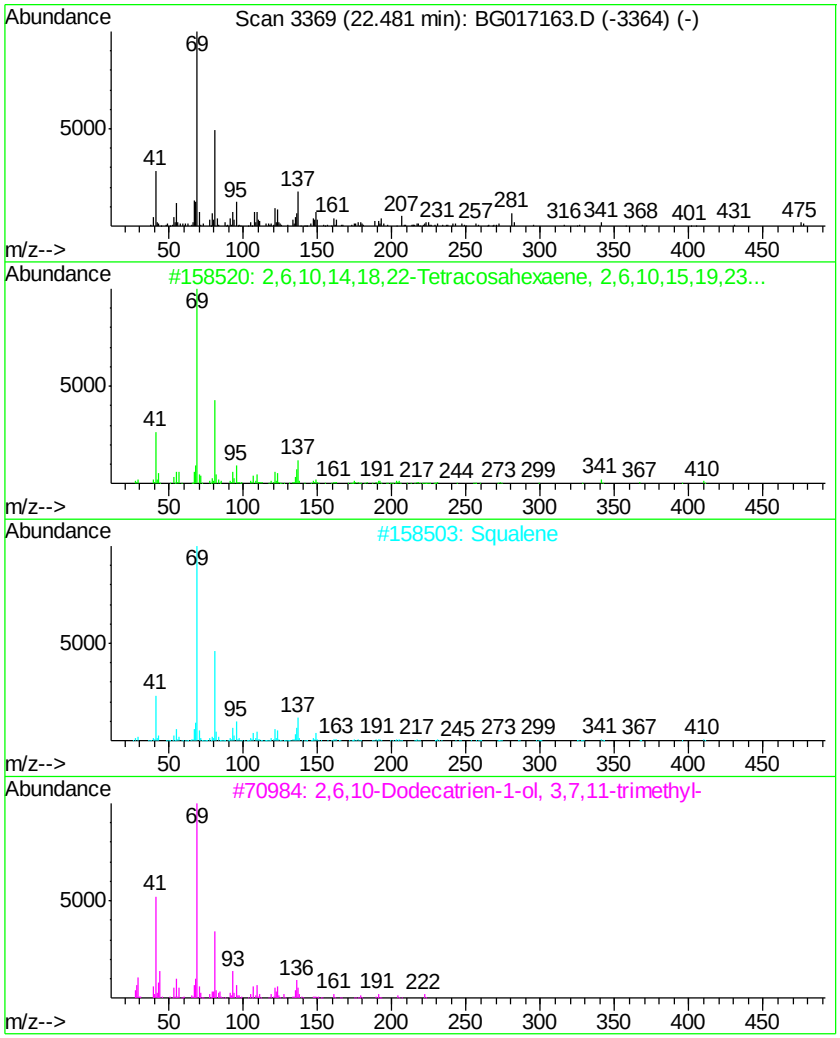
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

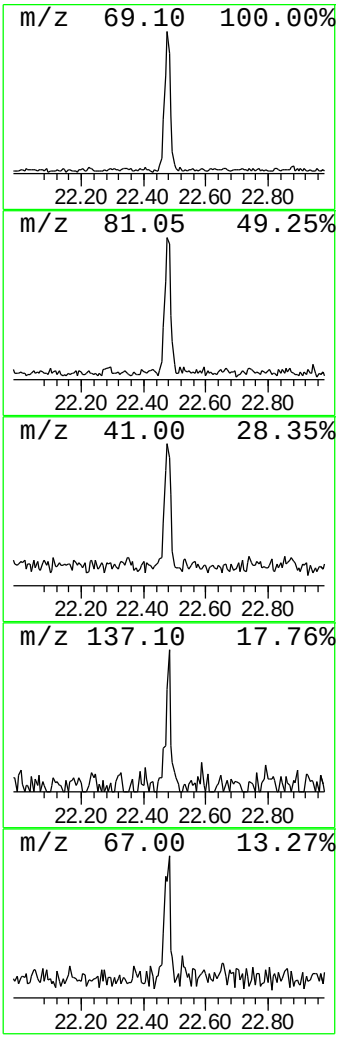
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.69 ng	132117	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	93
2	Squalene	410	C30H50	007683-64-9	81
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
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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
1-Pentene, 2-methyl-	2.79	19.7	ng	333763	1	7.70	338862	20.0
Butane, 2-methoxy...	2.87	36.5	ng	618221	1	7.70	338862	20.0
2-Pentanone, 4-hy...	4.81	2.7	ng	46406	1	7.70	338862	20.0
unknown7.25	7.25	80.9	ng	1370200	1	7.70	338862	20.0
n-Hexadecanoic acid	18.01	3.1	ng	138853	4	17.11	906571	20.0
1-Docosene	21.01	2.8	ng	140900	5	21.29	1017790	20.0
2,6,10,14,18,22-T...	22.48	2.7	ng	132117	6	23.56	981690	20.0