

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017160.D
 Acq On : 15 May 2015 4:22
 Operator : TP/IZ
 Sample : G2179-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-MW-6

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	12	18	27	rBV	250760	415519	9.65%	1.882%
2	2.871	27	31	45	rVB	536874	701064	16.28%	3.176%
3	4.816	355	362	369	rBV2	41633	62491	1.45%	0.283%
4	5.304	439	445	454	rBV	600602	852062	19.79%	3.860%
5	6.908	711	718	726	rBV	418521	642072	14.91%	2.908%
6	7.249	769	776	783	rBV	1042310	1595768	37.06%	7.228%
7	7.707	848	854	862	rVB	239683	363367	8.44%	1.646%
8	8.024	899	908	917	rBV	762576	1230885	28.58%	5.575%
9	8.870	1045	1052	1062	rBV	778166	1247355	28.97%	5.650%
10	10.498	1321	1329	1338	rBV	332175	555628	12.90%	2.517%
11	12.713	1699	1706	1712	rBV2	74729	110732	2.57%	0.502%
12	12.983	1742	1752	1758	rBV	1849488	2866149	66.56%	12.983%
13	14.364	1978	1987	1993	rBV2	521049	781760	18.15%	3.541%
14	15.856	2234	2241	2249	rBV	1935416	2592736	60.21%	11.744%
15	17.108	2448	2454	2462	rBV2	731306	1000633	23.24%	4.533%
16	18.012	2600	2608	2617	rBV	149366	233089	5.41%	1.056%
17	19.293	2822	2826	2832	rBV2	76141	105788	2.46%	0.479%
18	19.746	2897	2903	2908	rBV	3476332	4306306	100.00%	19.506%
19	21.003	3114	3117	3121	rBV	91408	113858	2.64%	0.516%
20	21.209	3148	3152	3159	rBV	104512	119833	2.78%	0.543%
21	21.291	3161	3166	3173	rVB	803975	1021753	23.73%	4.628%
22	22.478	3364	3368	3373	rVB	142799	183116	4.25%	0.829%
23	23.559	3546	3552	3562	rVB	509360	974827	22.64%	4.416%

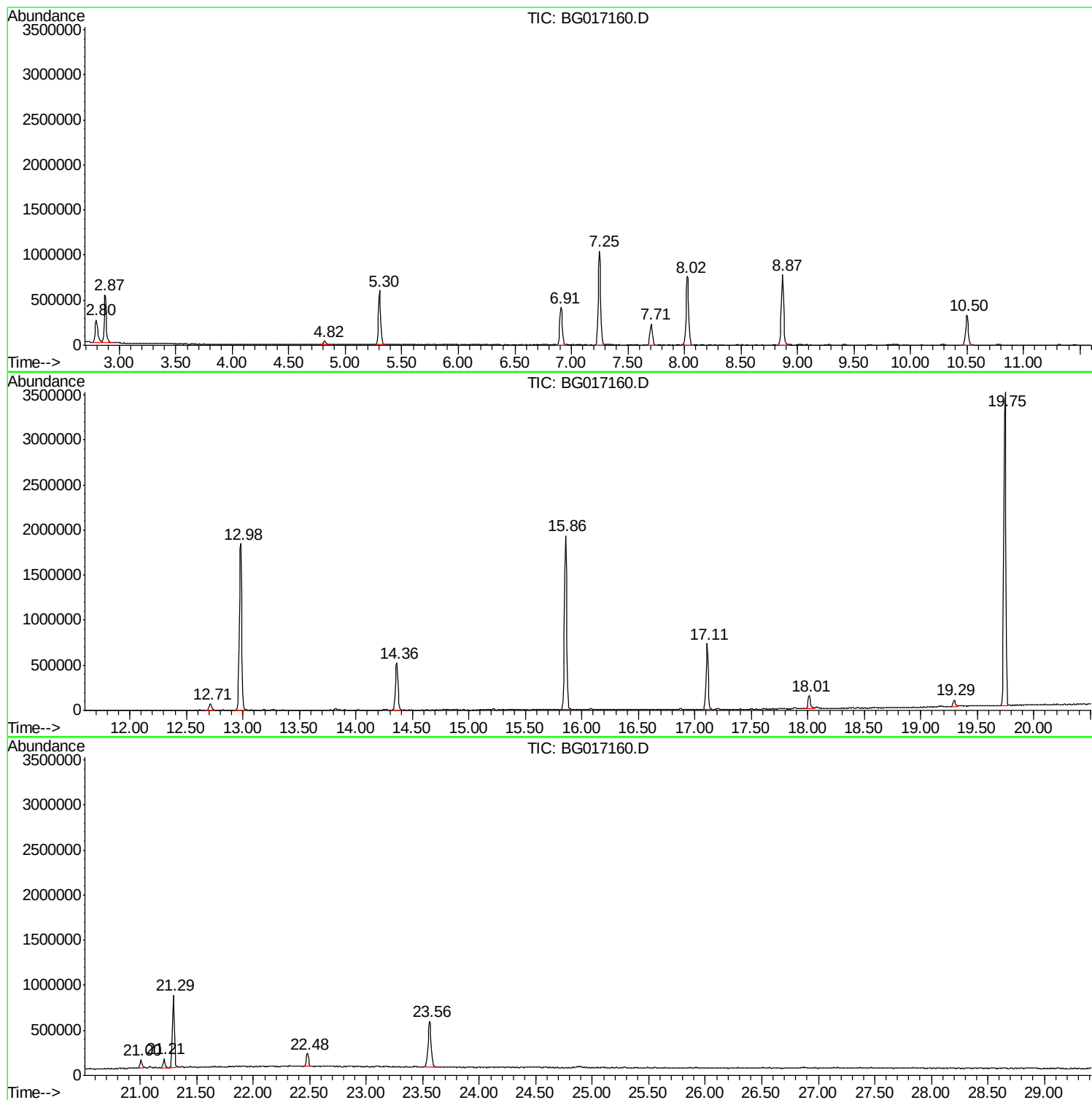
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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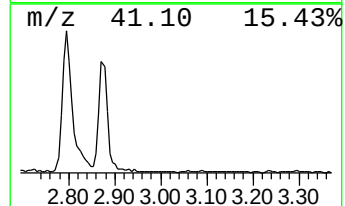
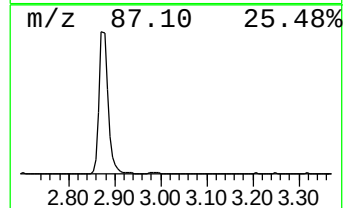
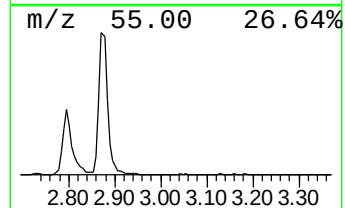
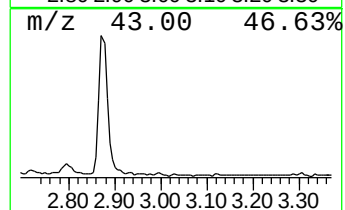
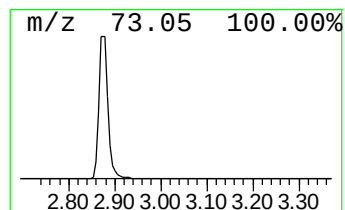
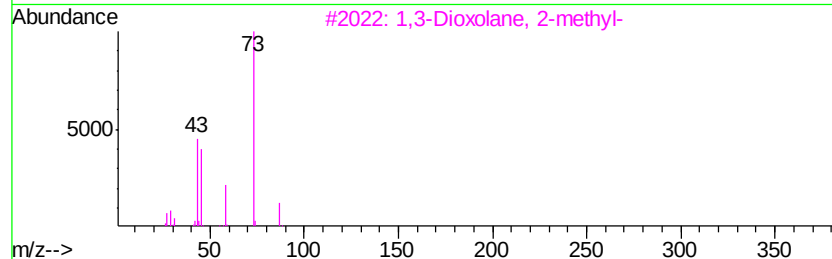
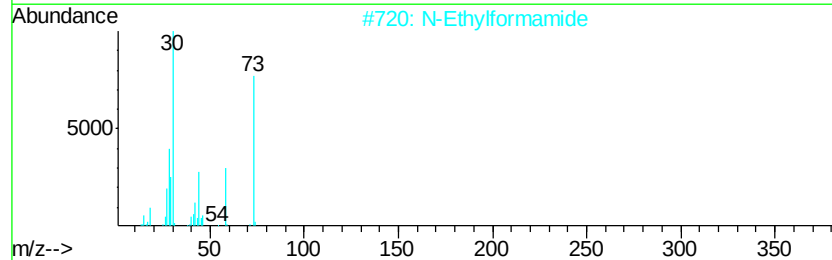
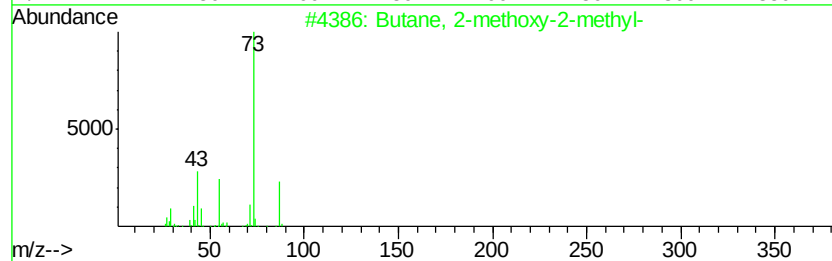
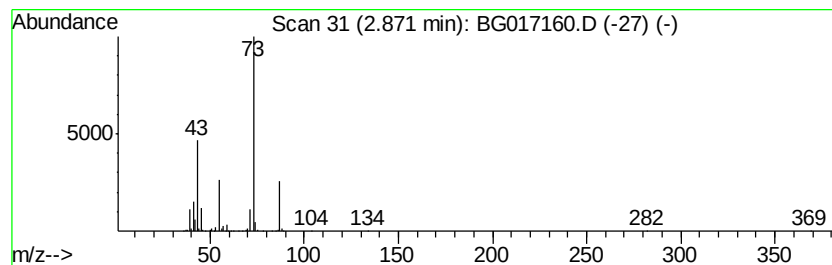
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	38.59 ng	701064	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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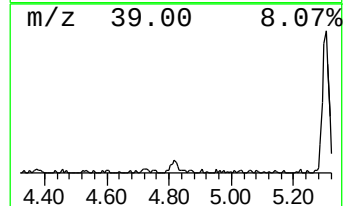
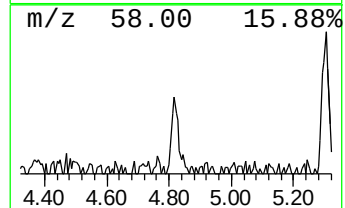
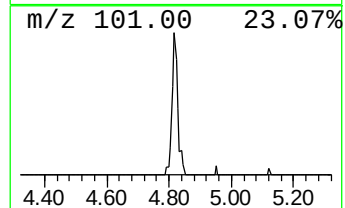
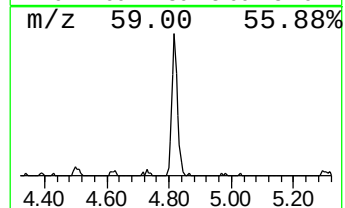
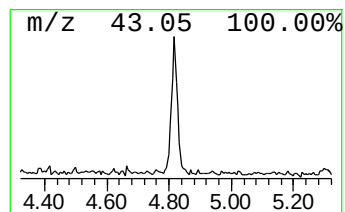
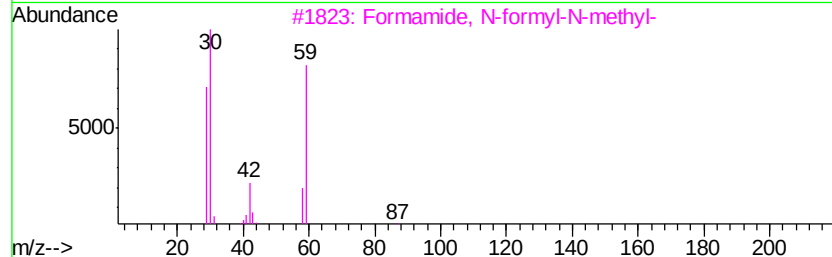
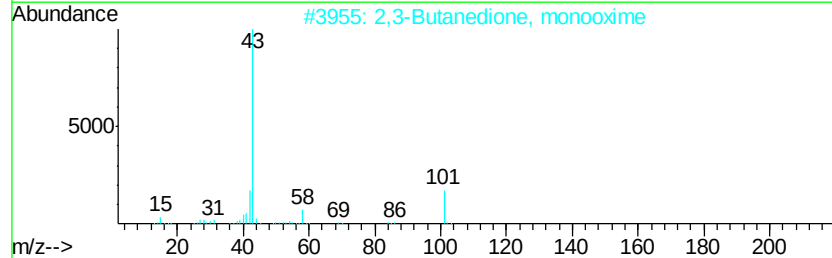
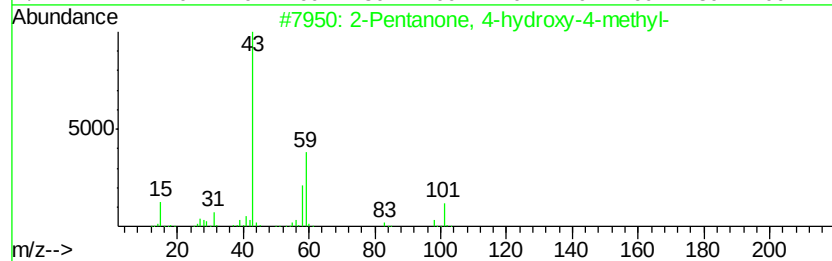
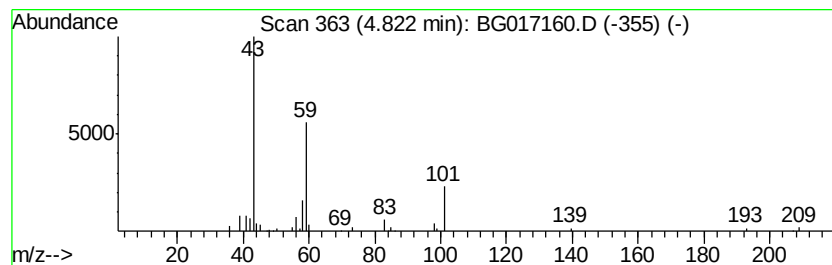
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	3.44 ng	62491	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3		Formamide, N-formyl-N-methyl-	87	C3H5NO2	018197-25-6	25
4		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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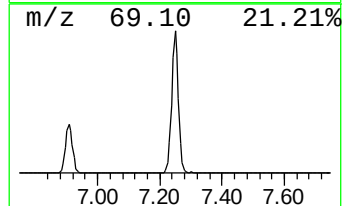
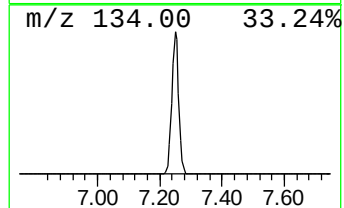
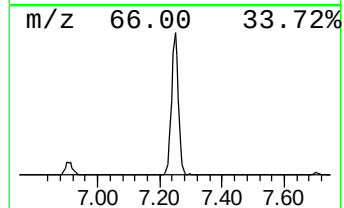
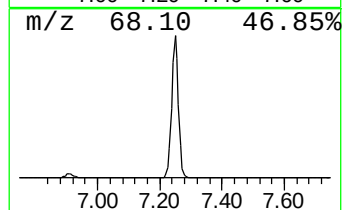
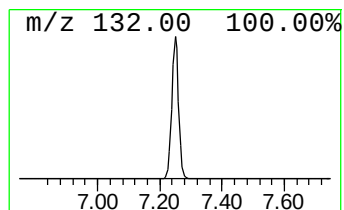
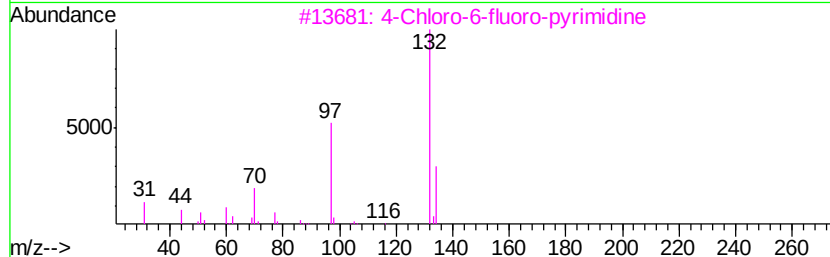
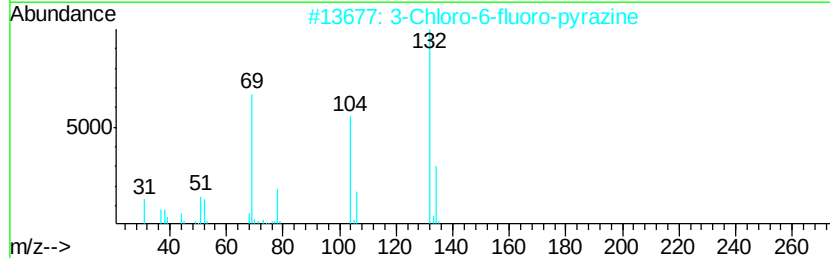
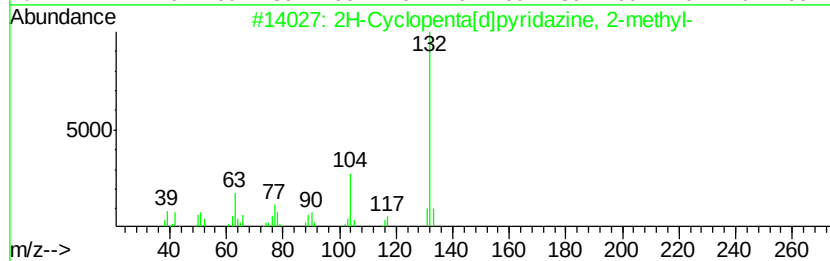
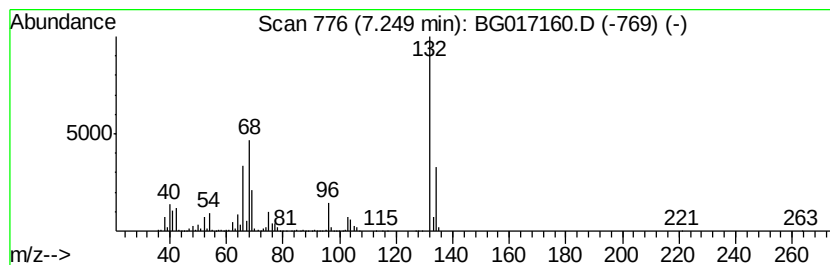
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Peak Number 4 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	87.83 ng	1595770	1,4-Dichlorobenzene-d4	7.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	22



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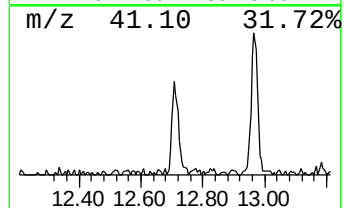
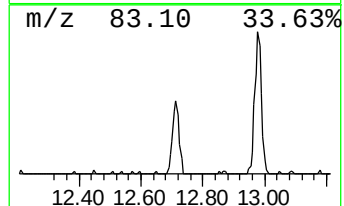
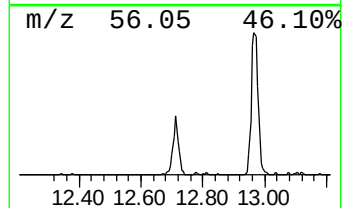
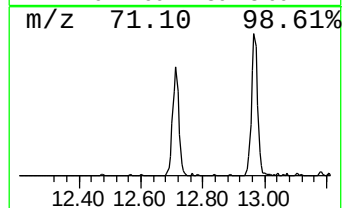
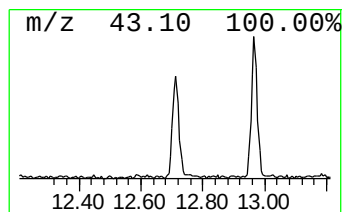
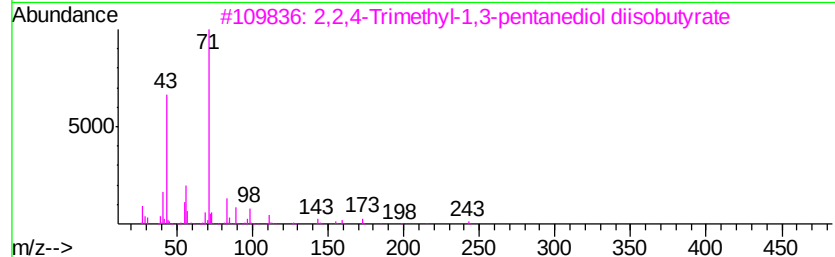
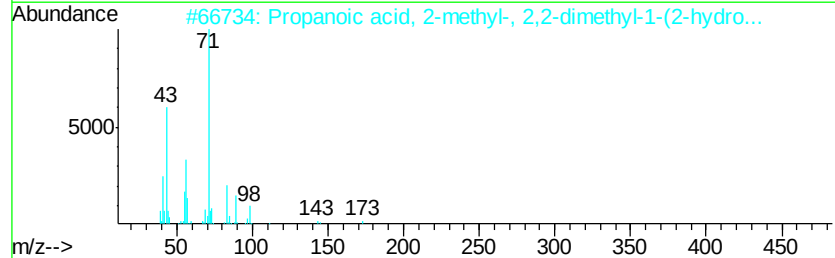
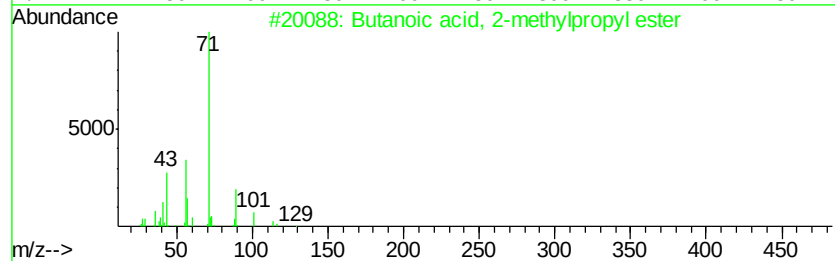
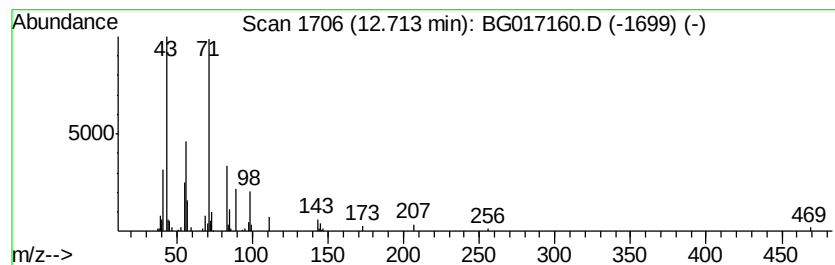
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Peak Number 6 Butanoic acid, 2-methylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.71	2.83 ng	110732	Acenaphthene-d10	14.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	53
2	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	50
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
4	5-Hydroxy-2-methyl-hex-3-enoic acid	144	C7H12O3	1000190-96-0	47
5	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	42



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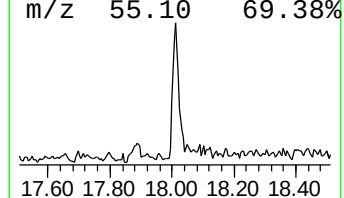
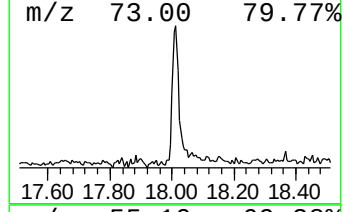
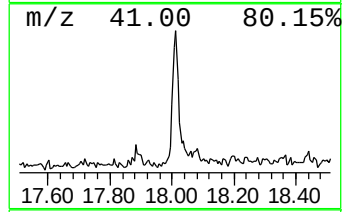
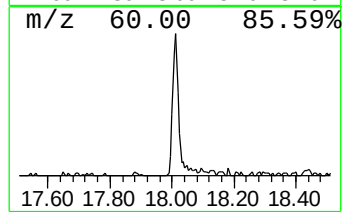
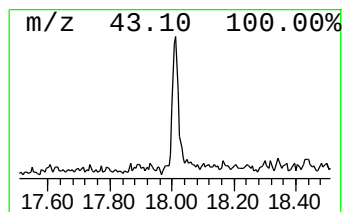
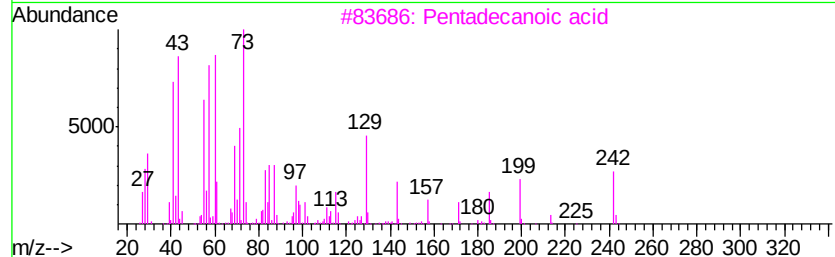
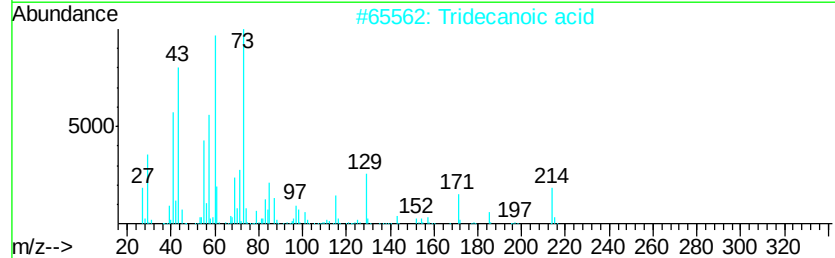
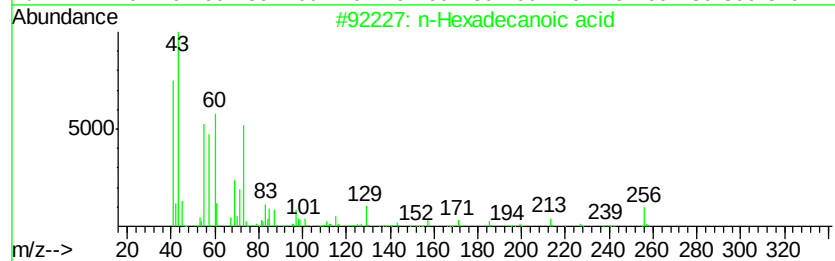
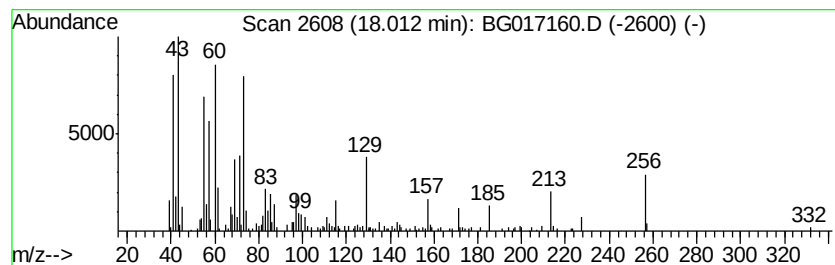
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	4.66 ng	233089	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	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	30



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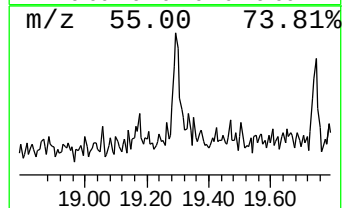
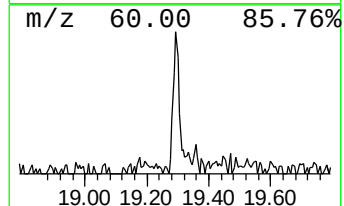
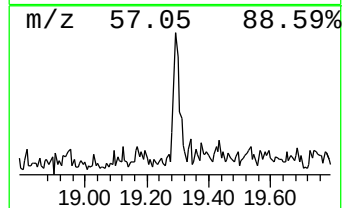
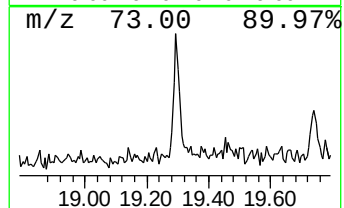
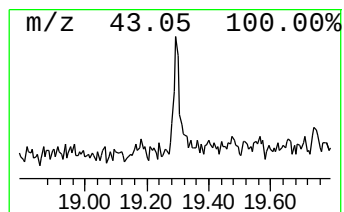
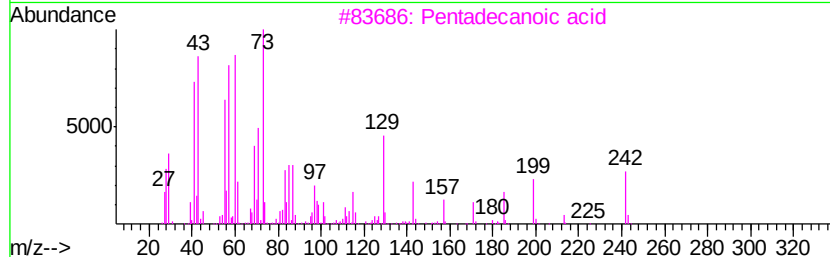
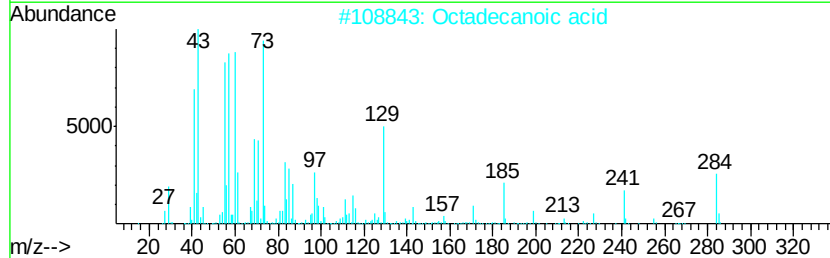
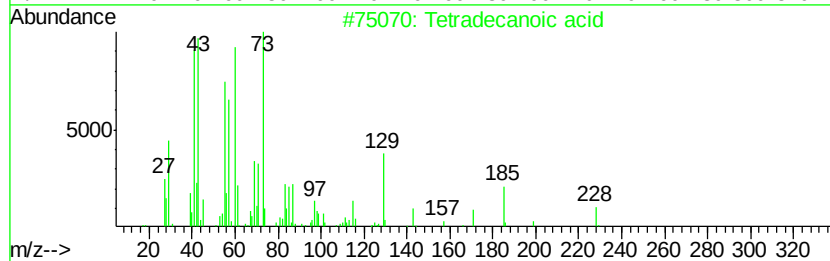
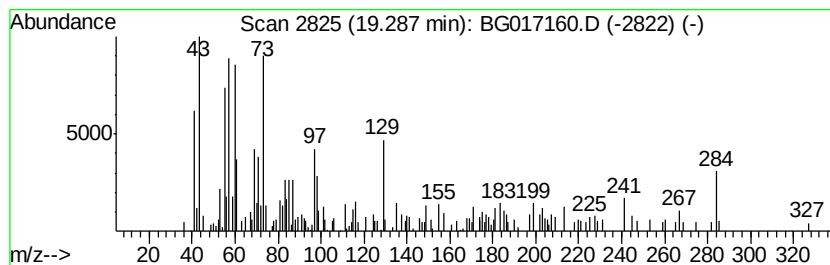
Instrument :
BNA_G
ClientSampleId :
RAV-MW-6

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 Tetradecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.29	2.07 ng	105788	Chrysene-d12	21.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017160.D
Acq On : 15 May 2015 4:22
Operator : TP/IZ
Sample : G2179-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-MW-6

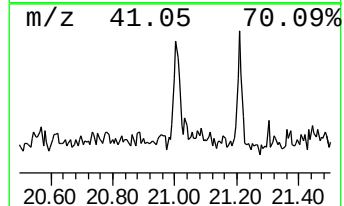
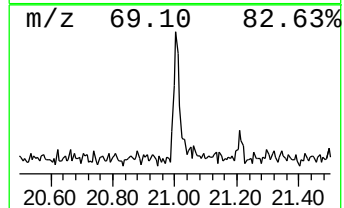
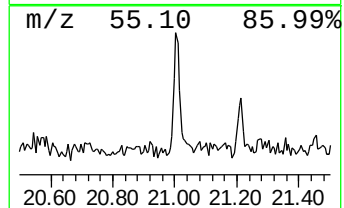
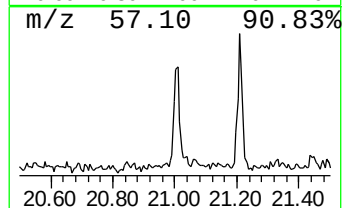
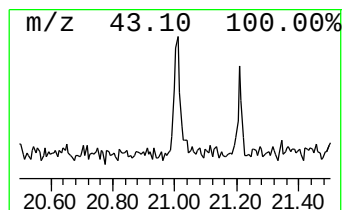
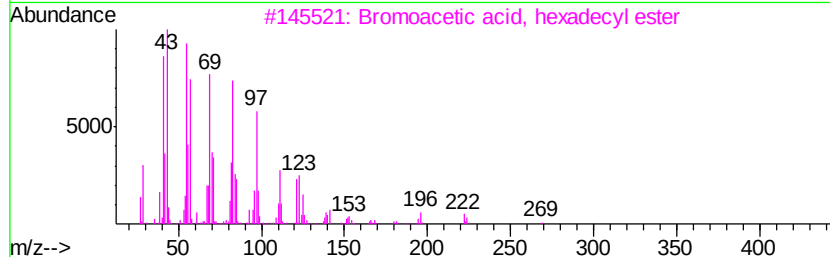
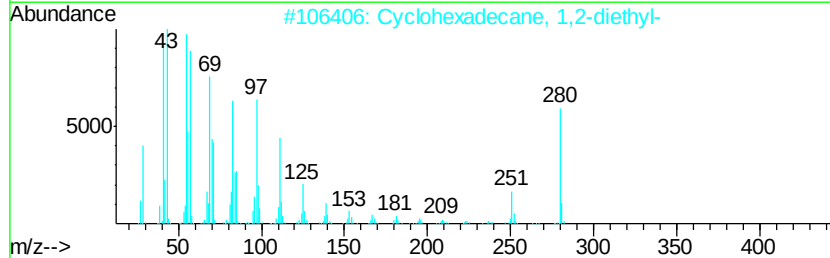
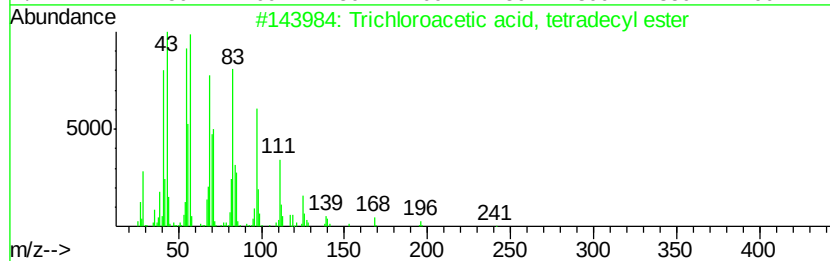
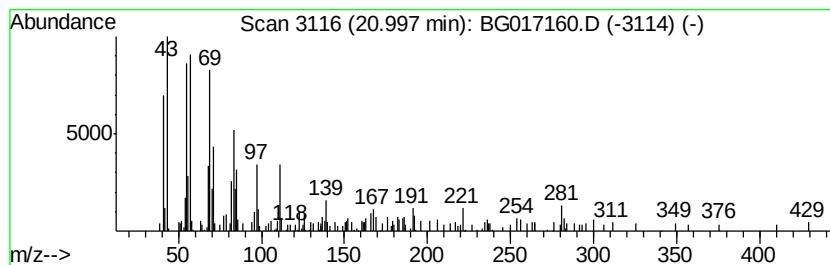
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trichloroacetic acid, tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.23 ng	113858	Chrysene-d12	21.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017160.D
Acq On : 15 May 2015 4:22
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Sample : G2179-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

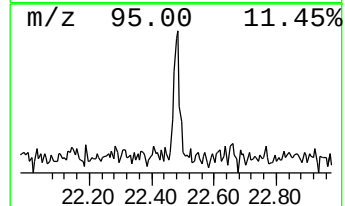
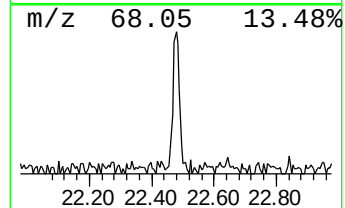
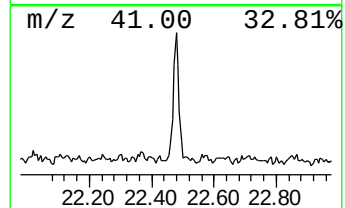
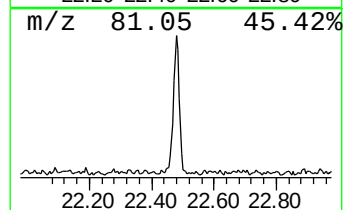
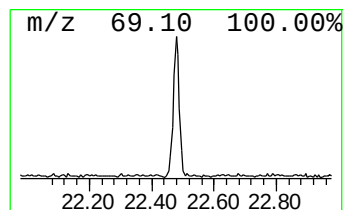
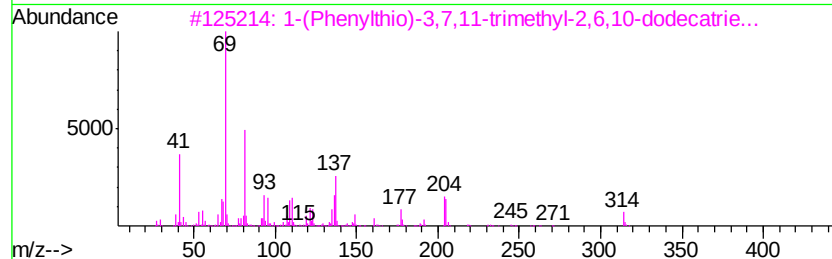
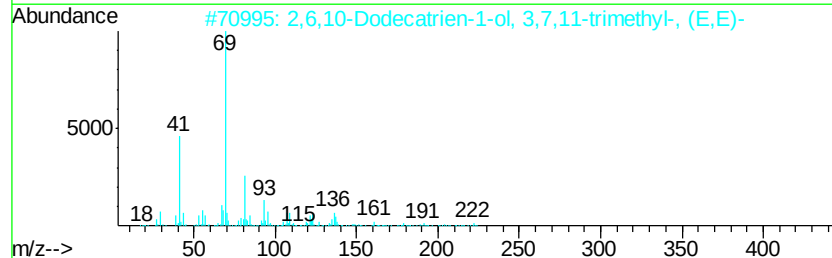
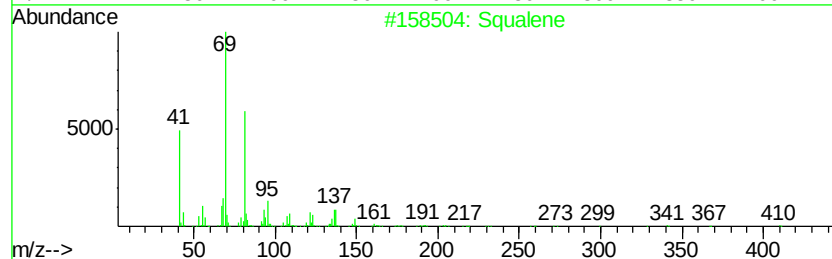
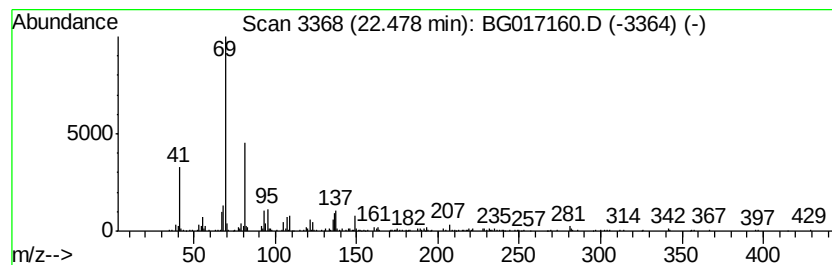
Instrument :
BNA_G
ClientSampleId :
RAV-MW-6

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 10 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.76 ng	183116	Perylene-d12	23.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	72
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	72
3	1-(Phenylthio)-3,7,11-trimethyl-...	314 C21H30S	028413-57-2	72
4	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	004602-84-0	64



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.87	38.6	ng	701064	1	7.71	363367	20.0
2-Pentanone, 4-hy...	4.82	3.4	ng	62491	1	7.71	363367	20.0
unknown7.25	7.25	87.8	ng	1595770	1	7.71	363367	20.0
Butanoic acid, 2-...	12.71	2.8	ng	110732	3	14.36	781760	20.0
n-Hexadecanoic acid	18.01	4.7	ng	233089	4	17.11	1000630	20.0
Tetradecanoic acid	19.29	2.1	ng	105788	5	21.29	1021750	20.0
Trichloroacetic a...	21.00	2.2	ng	113858	5	21.29	1021750	20.0
Squalene	22.48	3.8	ng	183116	6	23.56	974827	20.0