

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
 Data File : BG017161.D
 Acq On : 15 May 2015 4:57
 Operator : TP/IZ
 Sample : G2179-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RAV-GTMW-5

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	2.793	13	18	27	rBV	239315	400270	8.68%	1.730%
2	2.876	27	32	45	rVB	661354	825236	17.90%	3.567%
3	5.302	439	445	454	rBV	631706	887630	19.26%	3.836%
4	6.906	712	718	726	rBV	496141	754901	16.38%	3.263%
5	7.247	769	776	785	rBV	1052100	1668053	36.19%	7.210%
6	7.705	848	854	861	rVB	238005	368757	8.00%	1.594%
7	8.028	902	909	915	rBV	816397	1292446	28.04%	5.586%
8	8.869	1045	1052	1061	rBV	815095	1315423	28.54%	5.685%
9	10.502	1322	1330	1337	rBV	339839	559255	12.13%	2.417%
10	12.711	1698	1706	1712	rBV2	61493	98892	2.15%	0.427%
11	12.981	1743	1752	1759	rBV	2022004	2948997	63.98%	12.746%
12	14.362	1981	1987	1994	rVB2	529364	799087	17.34%	3.454%
13	15.860	2235	2242	2253	rBV	1872607	2675723	58.05%	11.565%
14	17.112	2448	2455	2461	rBV	710809	1021557	22.16%	4.415%
15	18.011	2603	2608	2615	rBV	234086	318460	6.91%	1.376%
16	19.297	2822	2827	2836	rBV	118670	179819	3.90%	0.777%
17	19.744	2897	2903	2914	rBV	3819840	4609478	100.00%	19.923%
18	21.007	3114	3118	3129	rBV	106869	153614	3.33%	0.664%
19	21.213	3149	3153	3157	rBV	82956	92490	2.01%	0.400%
20	21.295	3161	3167	3172	rBV	806193	1041654	22.60%	4.502%
21	22.476	3364	3368	3375	rVB	88166	125679	2.73%	0.543%
22	23.557	3546	3552	3561	rVB	532665	999417	21.68%	4.320%

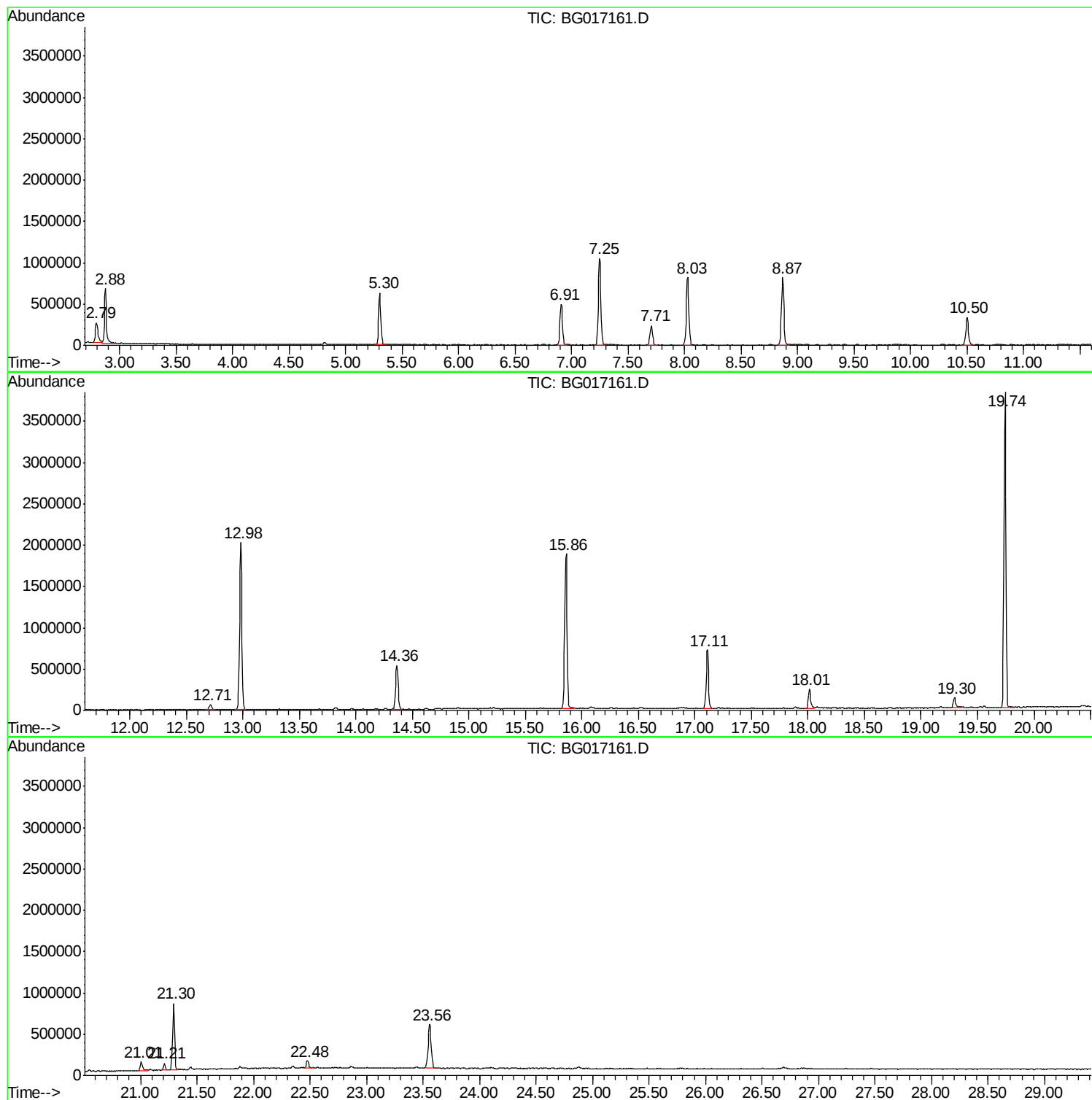
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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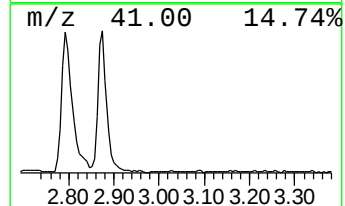
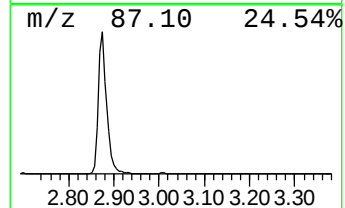
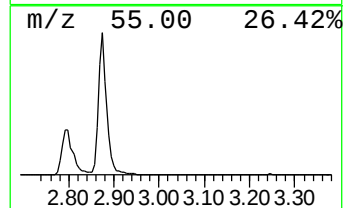
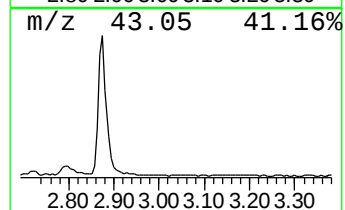
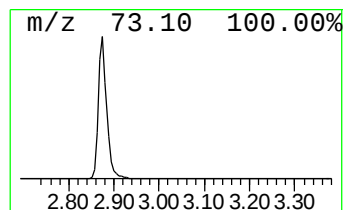
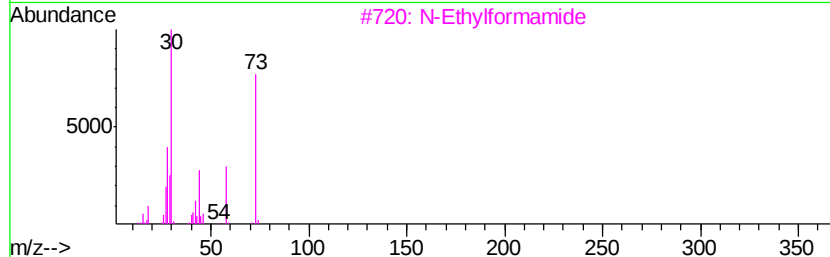
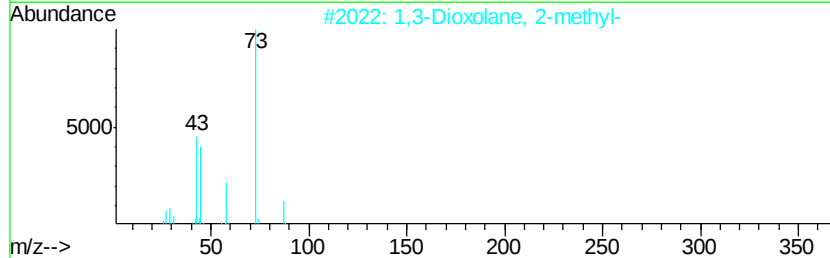
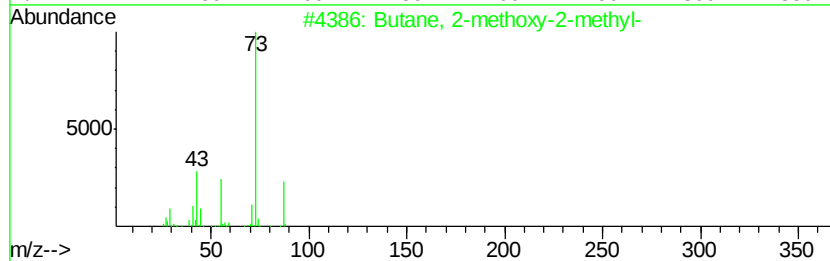
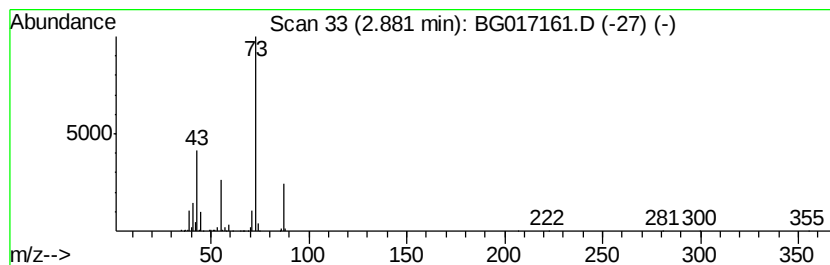
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.88	44.76 ng	825236	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		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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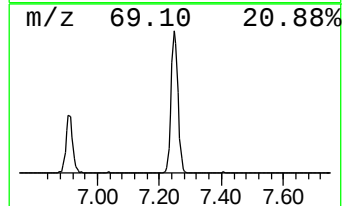
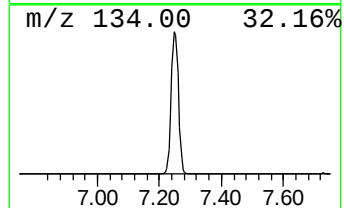
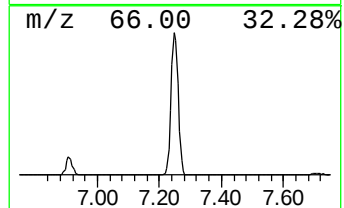
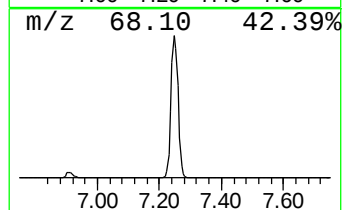
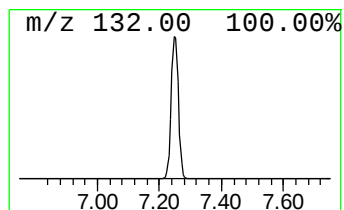
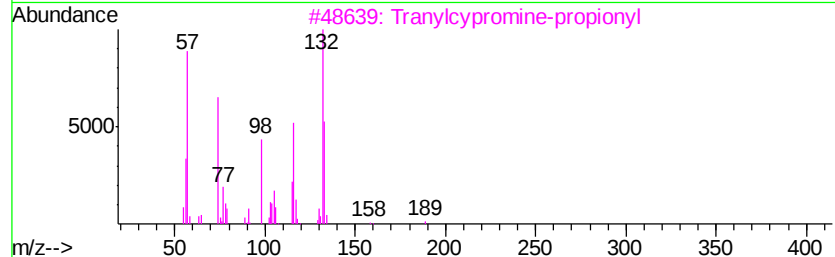
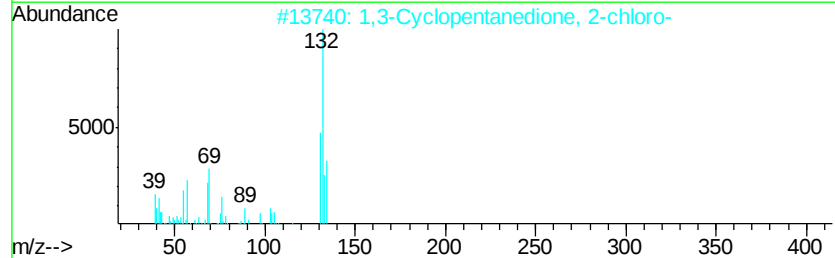
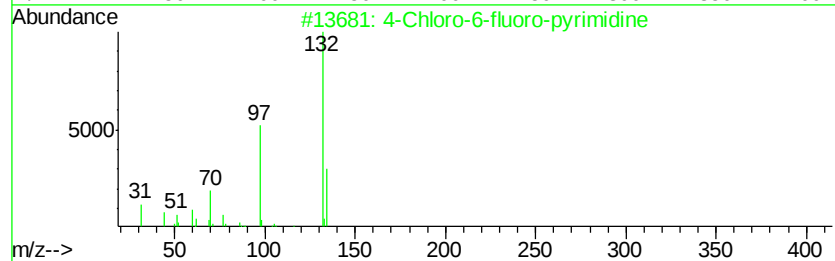
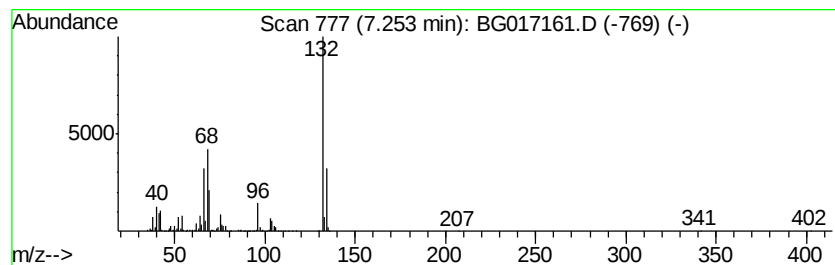
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	90.47 ng	1668050	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



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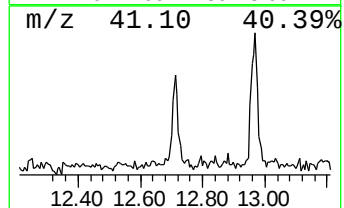
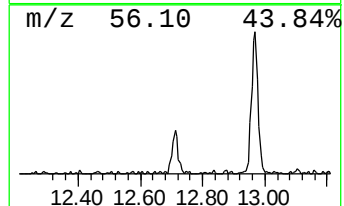
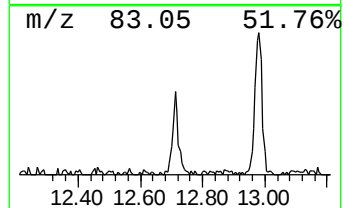
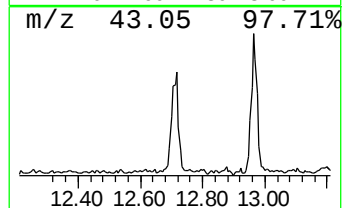
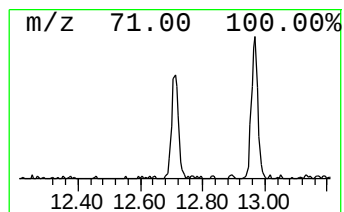
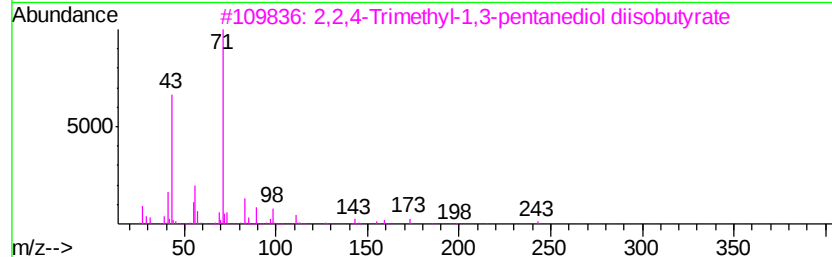
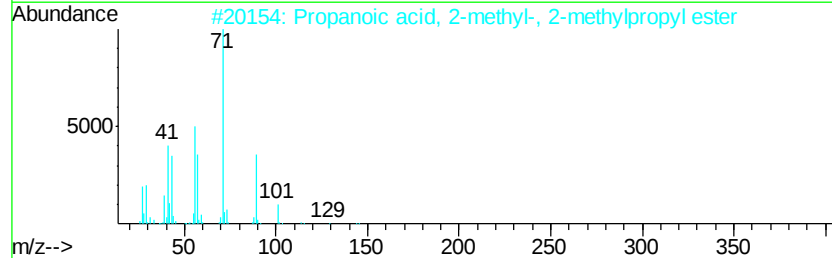
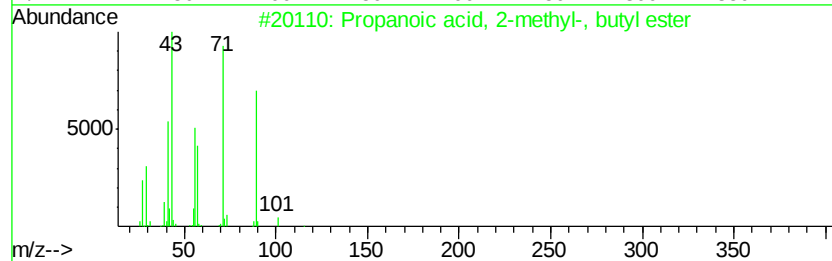
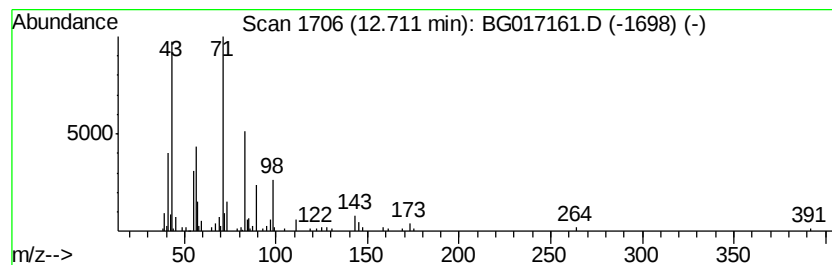
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Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.48 ng	98892	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	50
2		Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
4		Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	35
5		Pentanoic acid, 2,2,4-trimethyl-...	216	C12H24O3	244074-78-0	35



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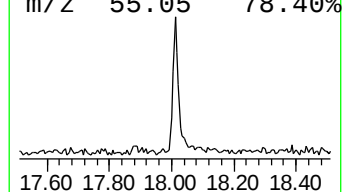
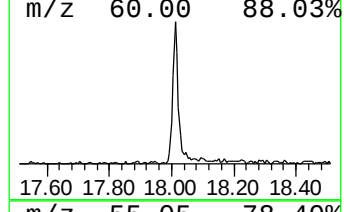
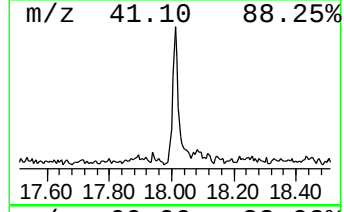
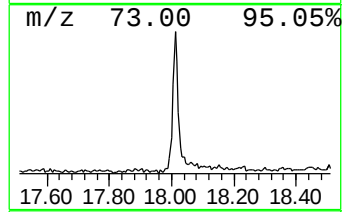
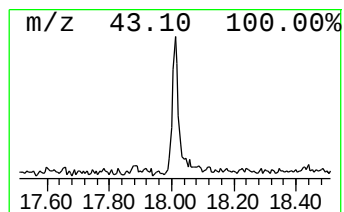
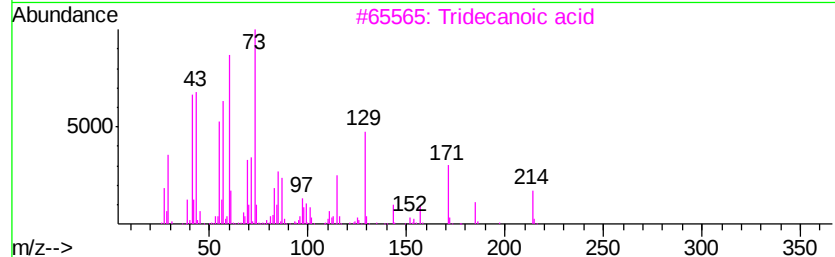
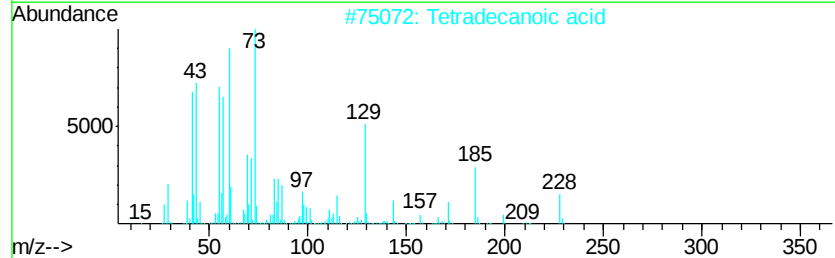
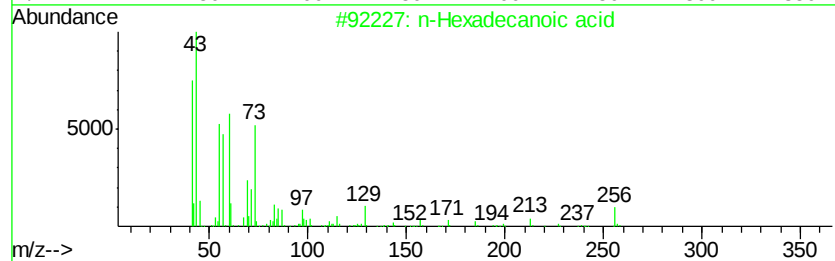
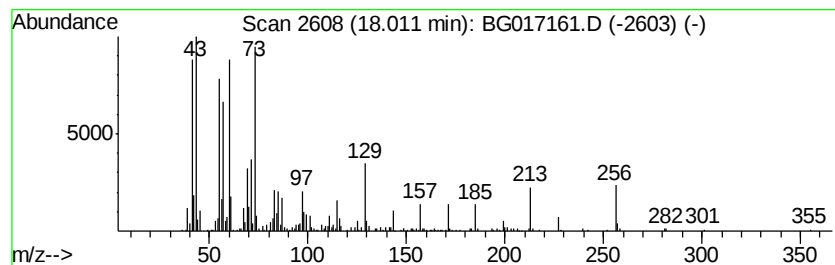
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.01	6.23 ng	318460	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	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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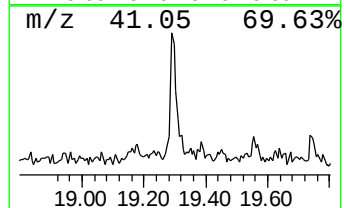
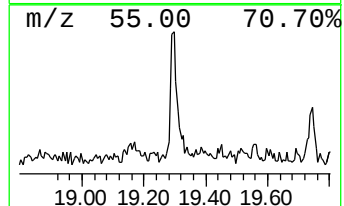
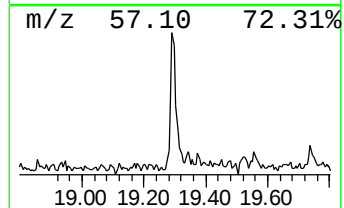
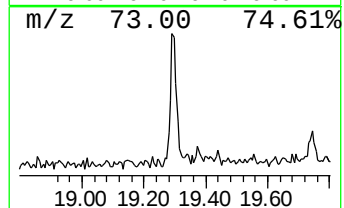
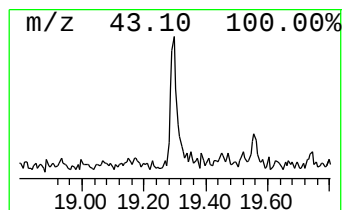
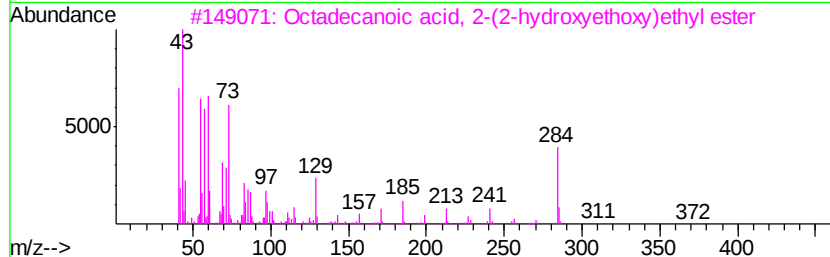
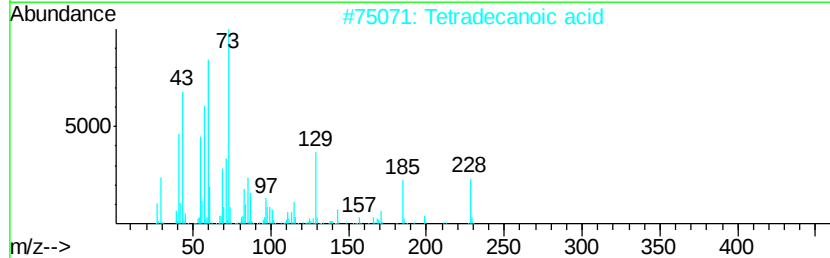
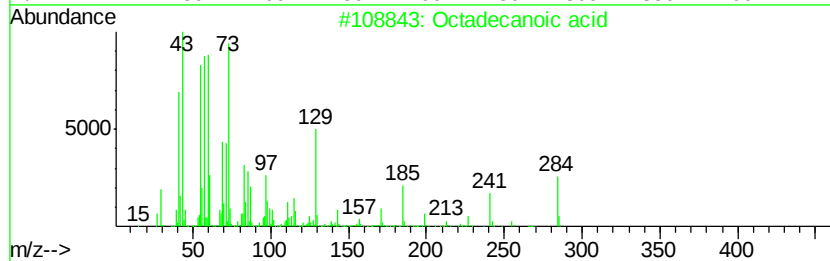
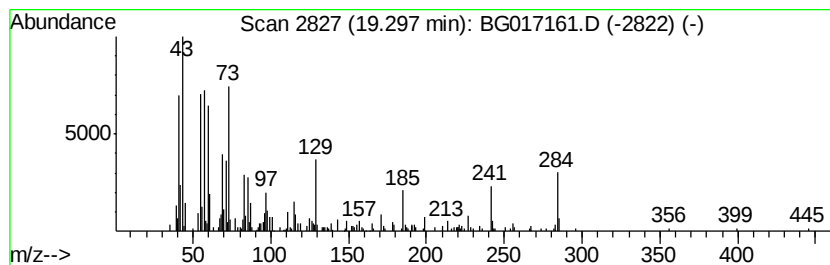
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	3.45 ng	179819	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62	
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	47	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46	



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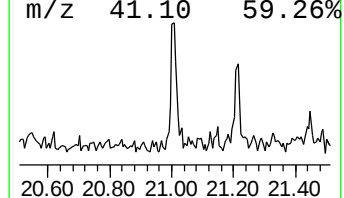
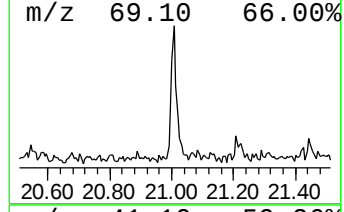
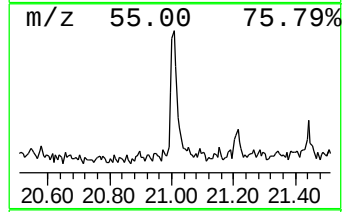
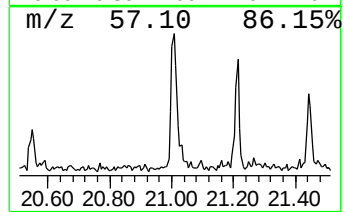
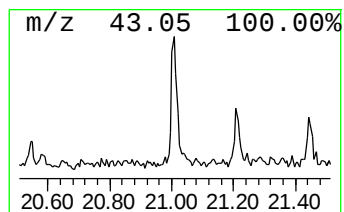
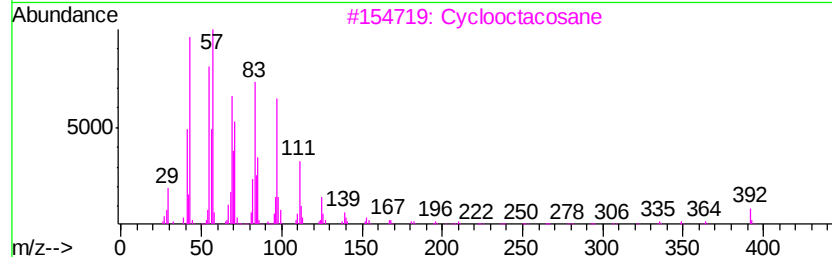
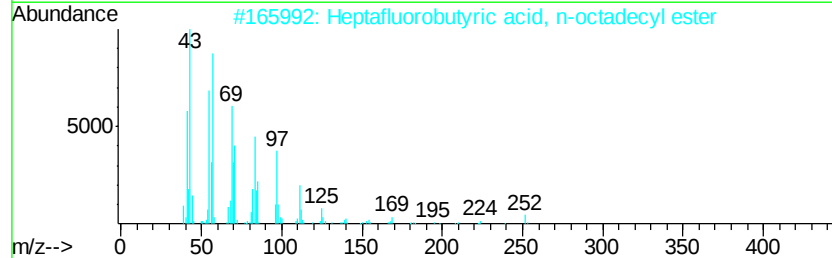
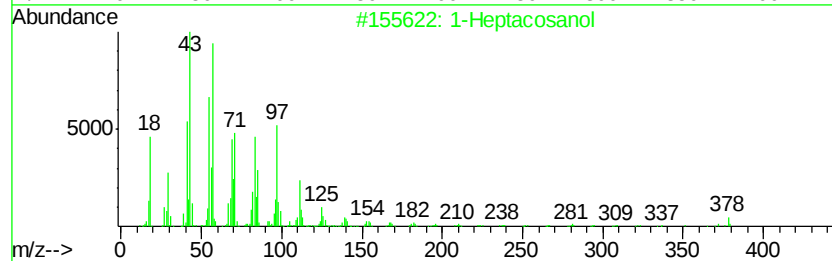
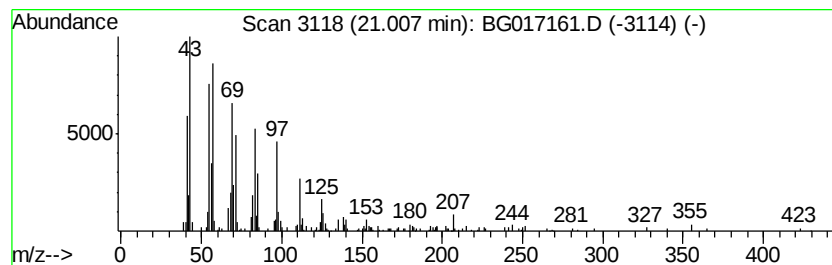
Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-5

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 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.01	2.95 ng	153614	Chrysene-d12	21.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	87
3	Cyclooctacosane	392	C28H56	000297-24-5	86
4	Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	74
5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017161.D
Acq On : 15 May 2015 4:57
Operator : TP/IZ
Sample : G2179-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

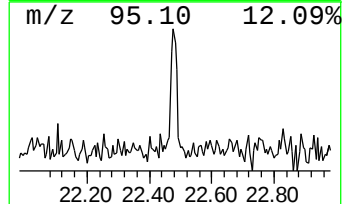
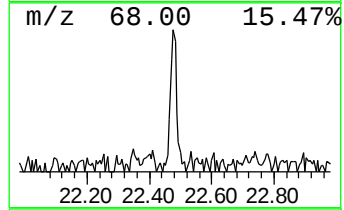
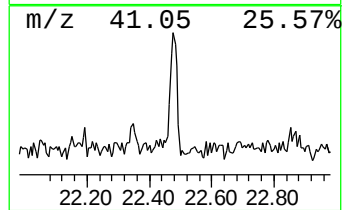
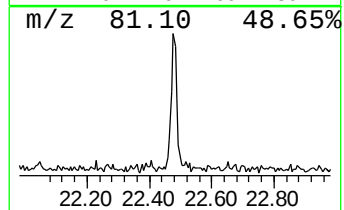
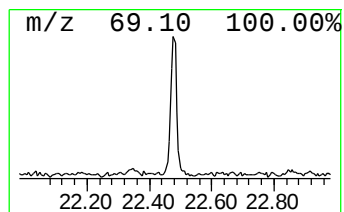
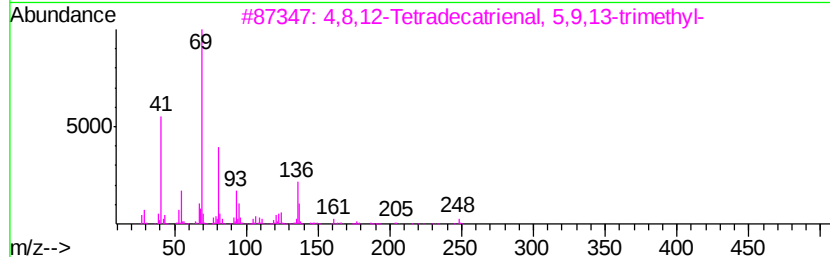
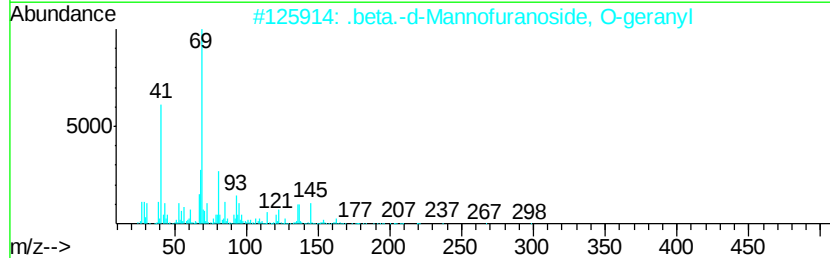
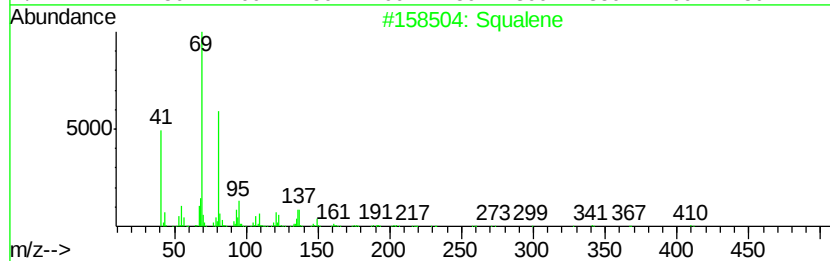
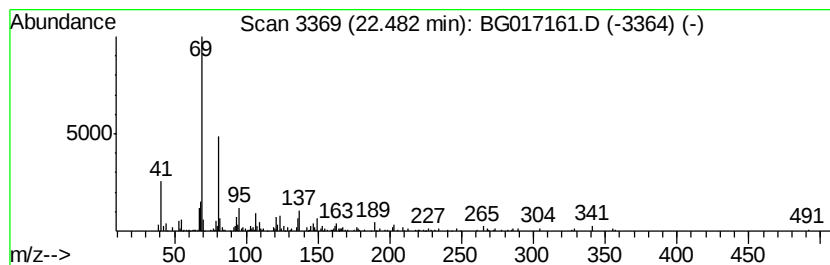
Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-5

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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.52 ng	125679	Perylene-d12	23.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	87
2	.beta.-d-Mannofuranoside, 0-geranyl	316 C16H28O6	1000154-77-2	72
3	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	72
4	1,3-Dioxolan-2-one, 3-methyl-3-(...	264 C16H24O3	336879-76-6	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017161.D
Acq On : 15 May 2015 4:57
Operator : TP/IZ
Sample : G2179-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-GTMW-5

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...	2.88	44.8	ng	825236	1	7.71	368757	20.0
unknown7.25	7.25	90.5	ng	1668050	1	7.71	368757	20.0
Propanoic acid, 2...	12.71	2.5	ng	98892	3	14.36	799087	20.0
n-Hexadecanoic acid	18.01	6.2	ng	318460	4	17.11	1021560	20.0
Octadecanoic acid	19.30	3.5	ng	179819	5	21.30	1041650	20.0
1-Heptacosanol	21.01	3.0	ng	153614	5	21.30	1041650	20.0
Squalene	22.48	2.5	ng	125679	6	23.56	999417	20.0