

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017454.D
 Acq On : 4 Jun 2015 22:27
 Operator : TP/IZ
 Sample : G2501-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7-6-2-15

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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	2.773	10	14	22	rBV	216036	263899	15.75%	2.394%
2	4.735	343	348	354	rBV	12987	18816	1.12%	0.171%
3	5.217	424	430	439	rBV	146272	206753	12.34%	1.876%
4	6.827	699	704	712	rBV	88990	139446	8.32%	1.265%
5	7.168	754	762	768	rBV	311907	487134	29.08%	4.419%
6	7.220	768	771	777	rVB3	14866	22257	1.33%	0.202%
7	7.414	798	804	816	rVB	180143	259664	15.50%	2.356%
8	7.626	833	840	849	rBV	116298	178995	10.69%	1.624%
9	7.943	887	894	902	rVB	258261	389863	23.27%	3.537%
10	8.783	1031	1037	1046	rBV	212081	355956	21.25%	3.229%
11	10.417	1308	1315	1323	rBV	79338	128669	7.68%	1.167%
12	11.615	1511	1519	1522	rBV	186970	283676	16.94%	2.574%
13	11.656	1522	1526	1529	rBV	131401	199348	11.90%	1.809%
14	11.727	1534	1538	1548	rVB2	162959	238392	14.23%	2.163%
15	11.880	1556	1564	1568	rBV	788252	1323852	79.03%	12.010%
16	11.927	1568	1572	1576	rVV	738037	1079964	64.47%	9.798%
17	11.962	1576	1578	1587	rVB	53042	65334	3.90%	0.593%
18	12.150	1598	1610	1619	rBV	460344	776646	46.36%	7.046%
19	12.908	1732	1739	1745	rBV	547432	792969	47.34%	7.194%
20	13.819	1886	1894	1901	rBV2	32916	74996	4.48%	0.680%
21	13.954	1911	1917	1927	rVB2	14489	24350	1.45%	0.221%
22	14.289	1968	1974	1982	rBV2	125985	187759	11.21%	1.703%
23	15.787	2223	2229	2239	rBV2	586625	817784	48.82%	7.419%
24	17.038	2436	2442	2451	rVB2	188660	257140	15.35%	2.333%
25	17.949	2592	2597	2606	rBV3	37598	57197	3.41%	0.519%
26	19.230	2811	2815	2821	rBV2	32596	42788	2.55%	0.388%
27	19.676	2885	2891	2897	rBV	1293222	1675085	100.00%	15.197%
28	20.951	3103	3108	3115	rBV5	15835	29021	1.73%	0.263%
29	21.233	3151	3156	3163	rVB	263984	333780	19.93%	3.028%
30	23.460	3528	3535	3542	rBV2	172624	310970	18.56%	2.821%

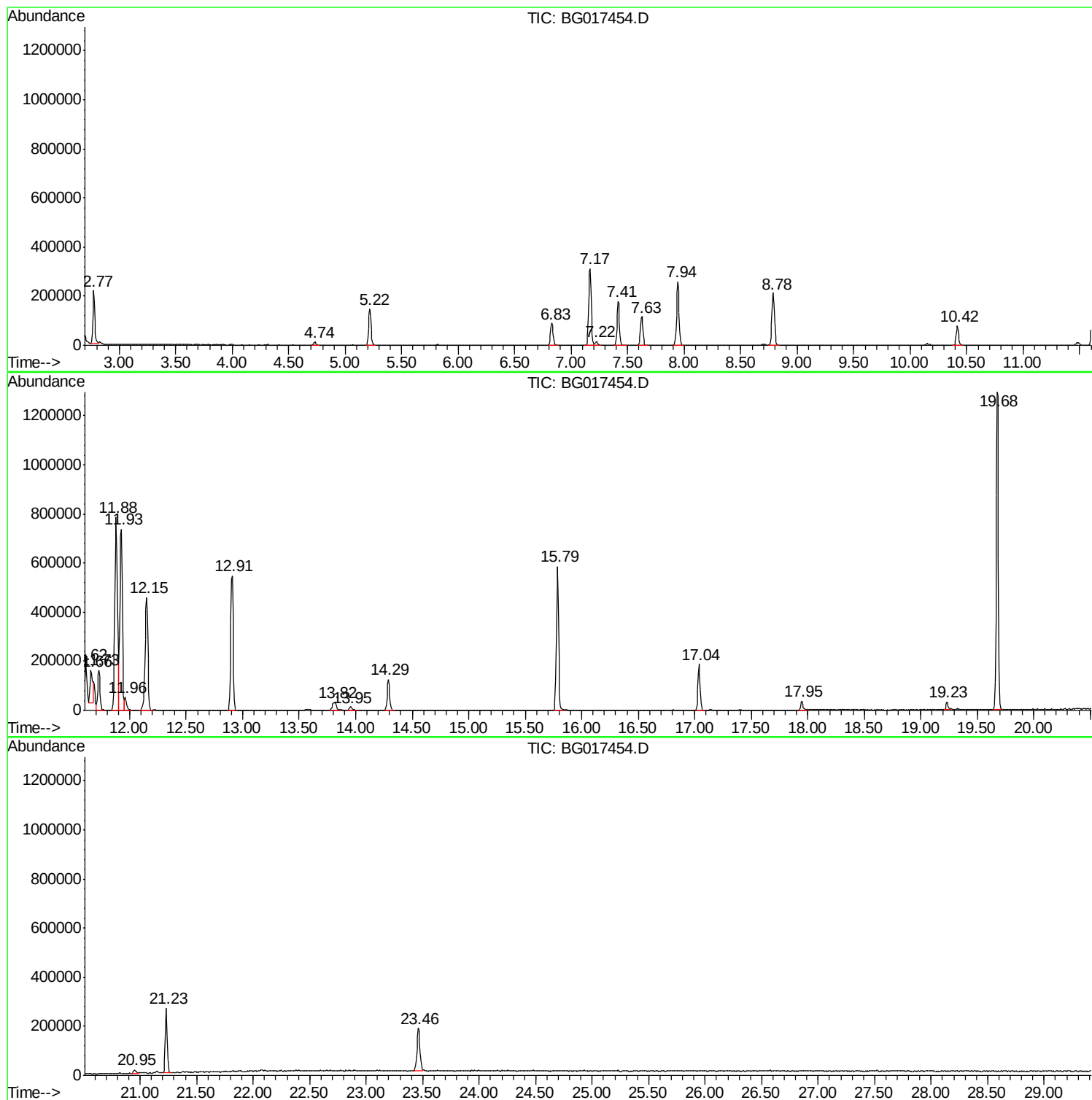
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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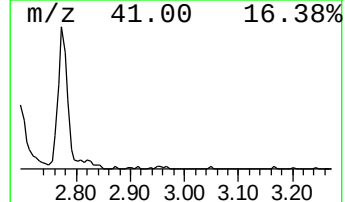
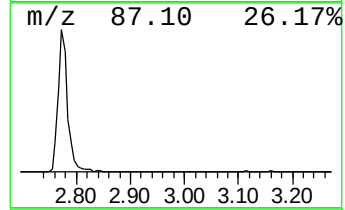
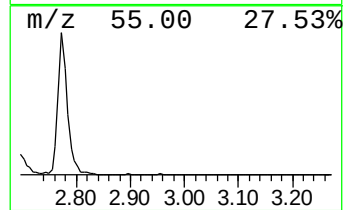
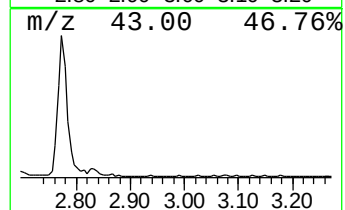
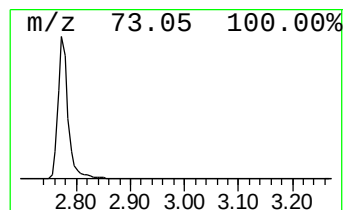
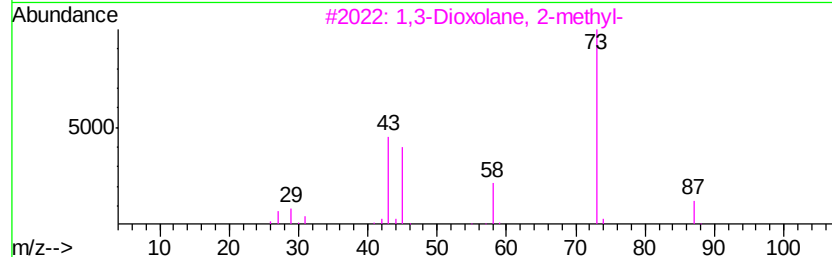
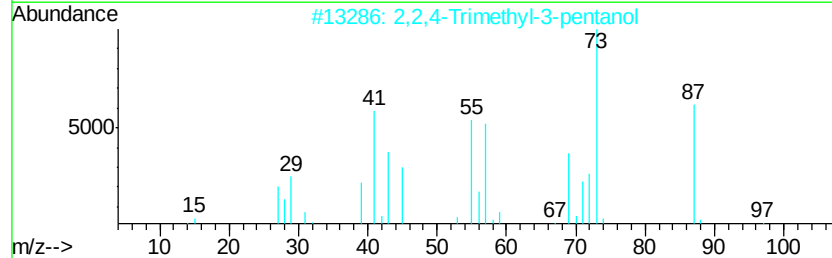
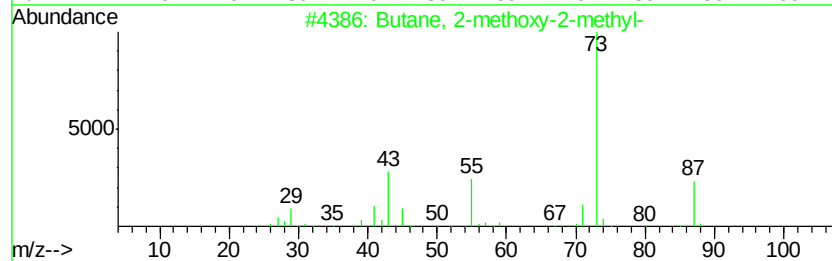
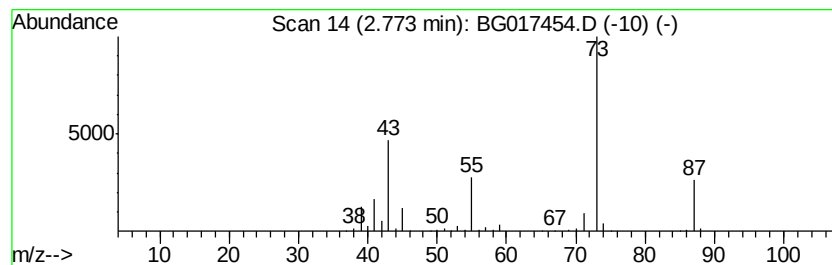
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	29.49 ng	263899	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		1,4-Butanediamine	88	C4H12N2	000110-60-1	9



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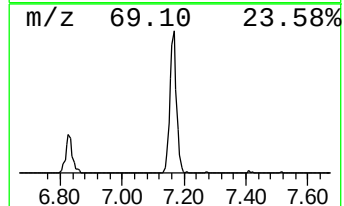
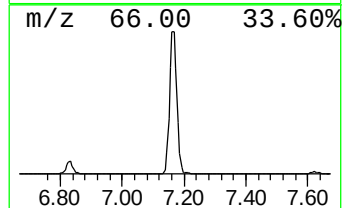
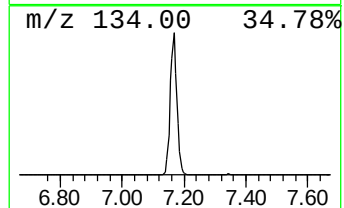
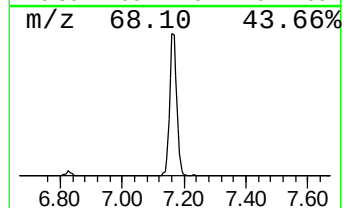
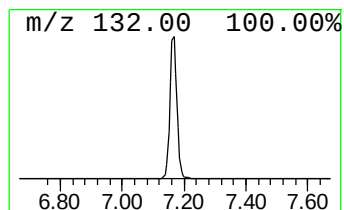
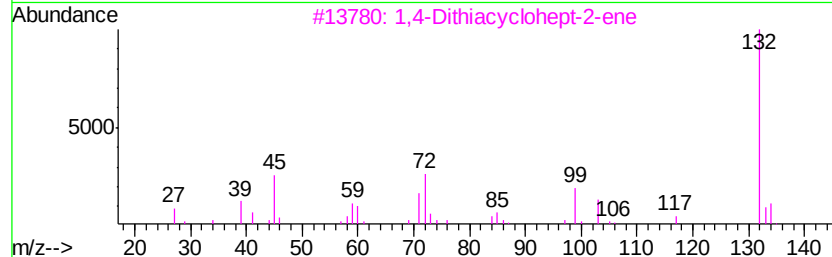
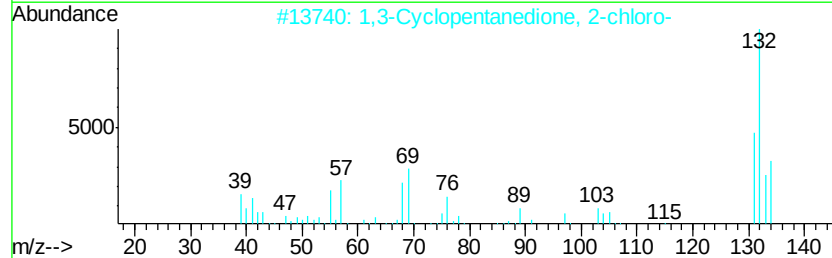
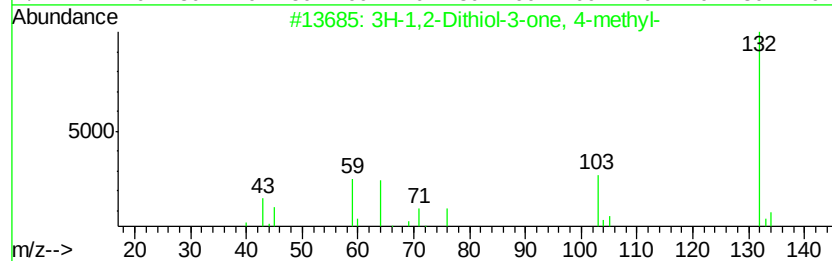
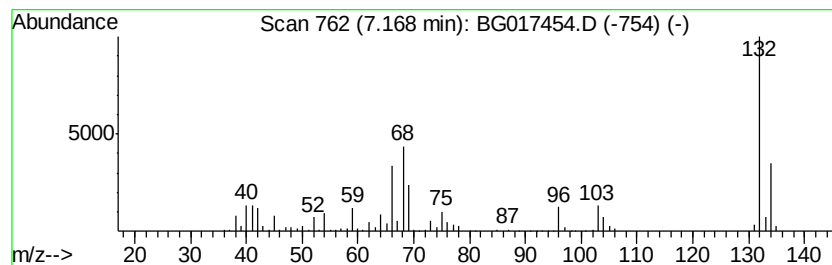
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	54.43 ng	487134	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3H-1,2-Dithiol-3-one, 4-methyl-	132	C4H4OS2	003620-10-8	38
2			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
3			1,4-Dithiacyclohept-2-ene	132	C5H8S2	070063-50-2	27
4			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	16
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



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Instrument :
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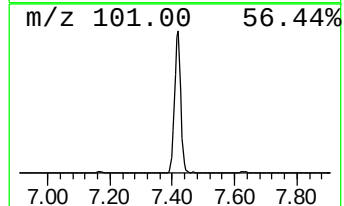
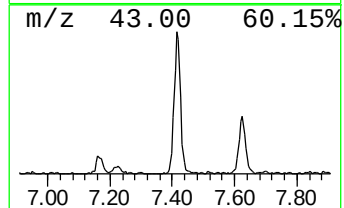
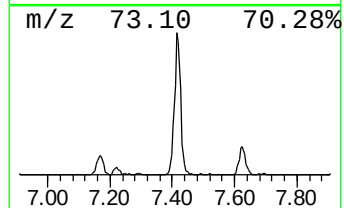
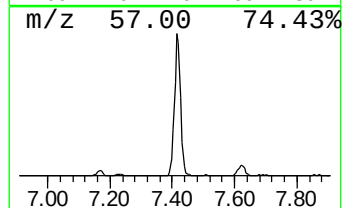
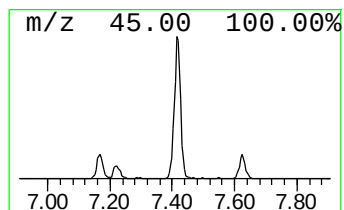
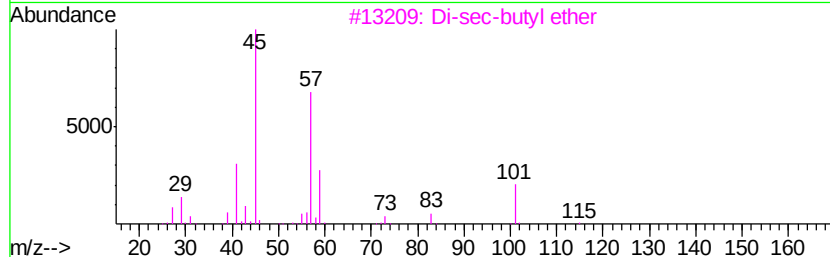
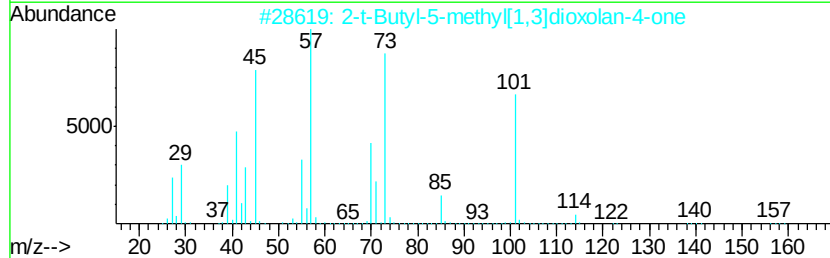
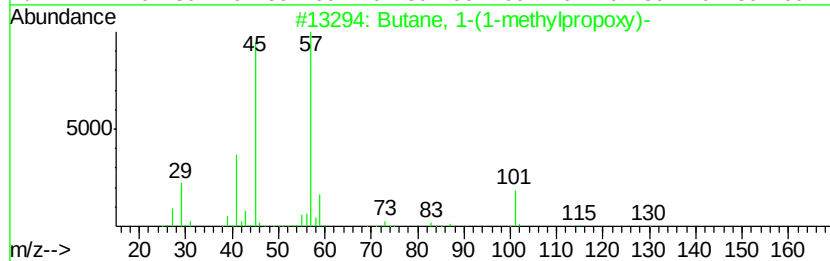
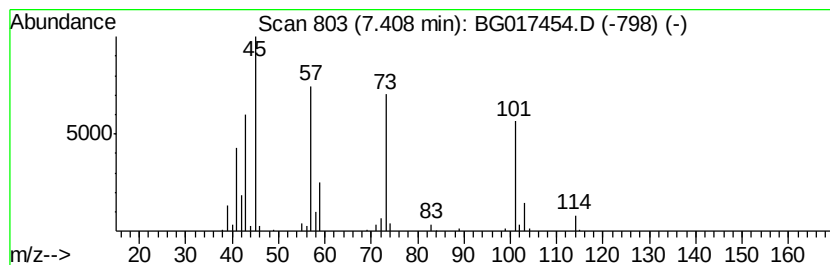
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Butane, 1-(1-methylpropoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	29.01 ng	259664	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
2		2-t-Butyl-5-methyl[1,3]dioxolan-...	158	C8H14O3	130930-47-1	45
3		Di-sec-butyl ether	130	C8H18O	006863-58-7	42
4		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	39
5		3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	33



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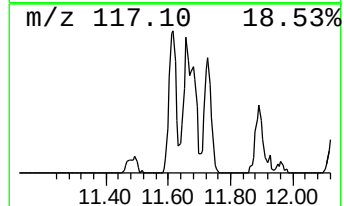
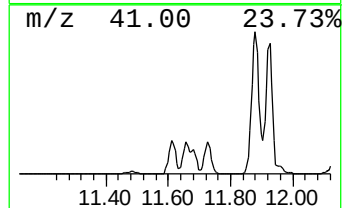
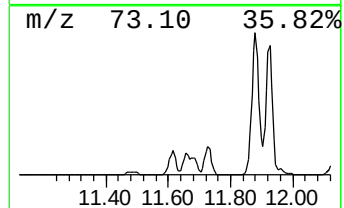
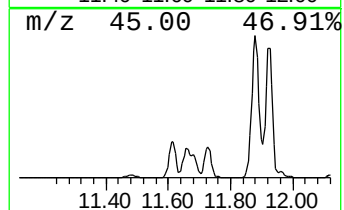
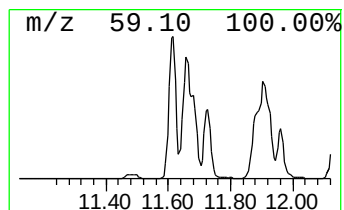
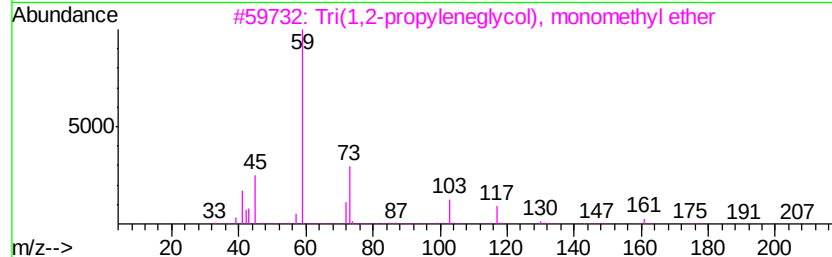
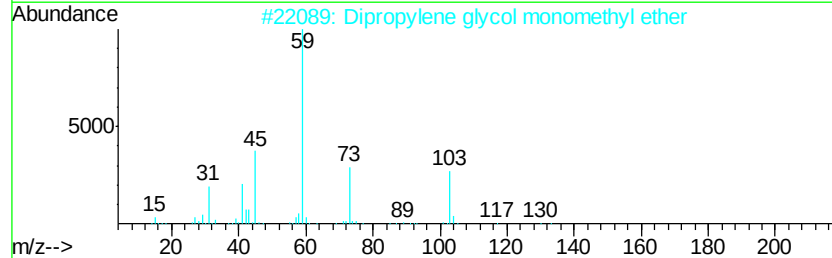
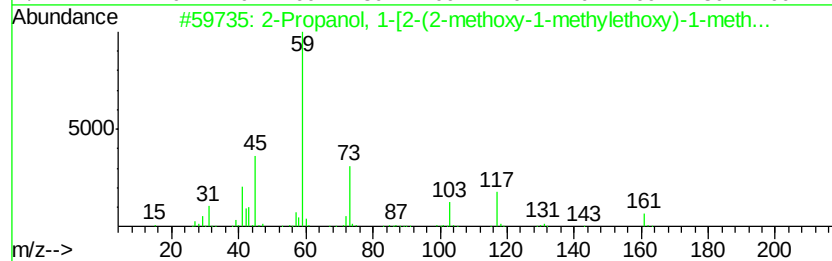
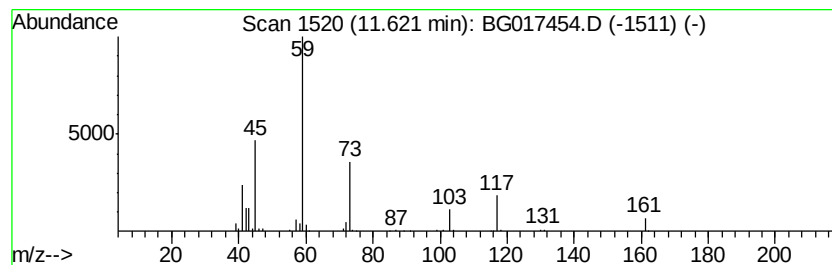
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.62	44.09 ng	283676	Naphthalene-d8	10.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol,	1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	86
2	Dipropylene glycol	monomethyl ether	148	C7H16O3	034590-94-8	59
3	Tri(1,2-propyleneglycol),	monome...	206	C10H22O4	1000262-26-6	50
4	N,N-Dimethylformamide-di-t-butyl...		203	C11H25NO2	036805-97-7	47
5	2-Propanol,	1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	45



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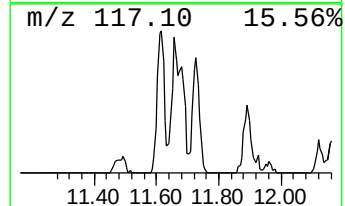
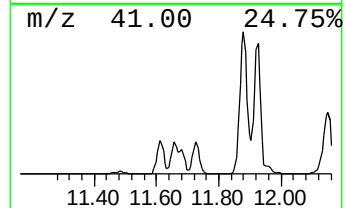
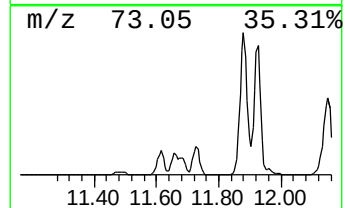
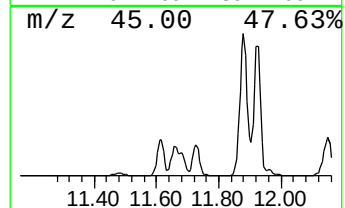
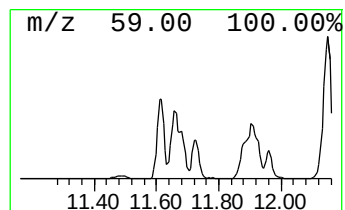
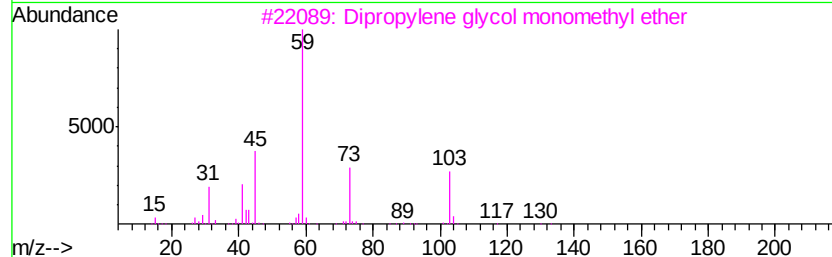
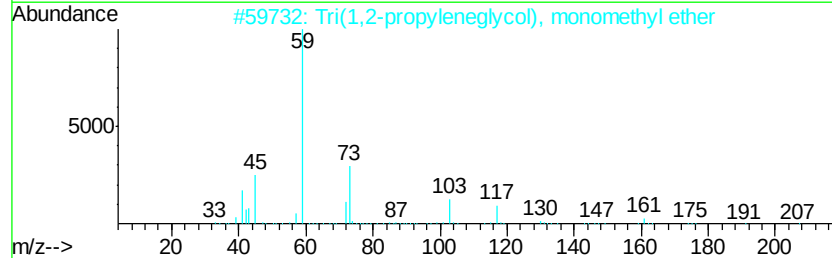
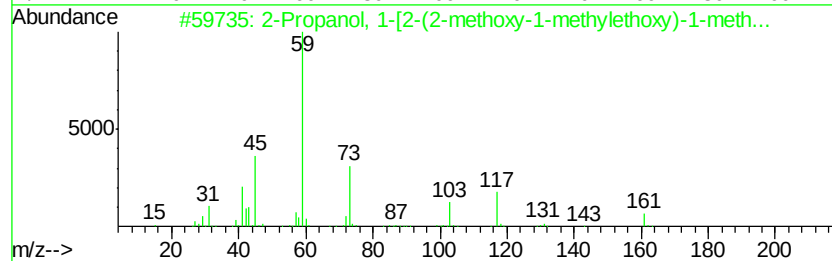
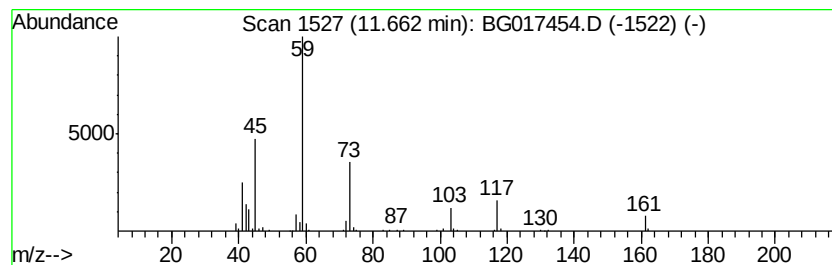
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tri(1,2-propyleneglycol), m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	30.99 ng	199348	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	80
2		Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
3		Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	59
4		2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	59
5		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50



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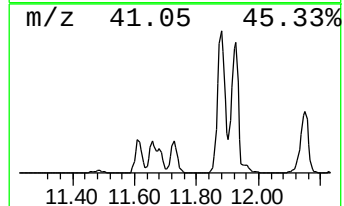
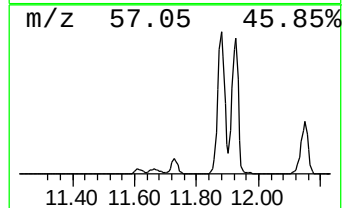
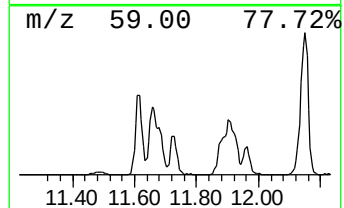
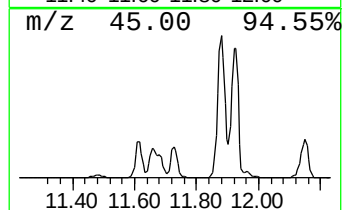
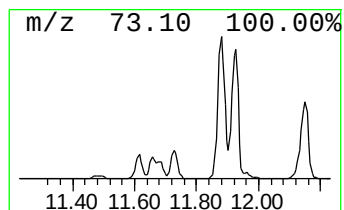
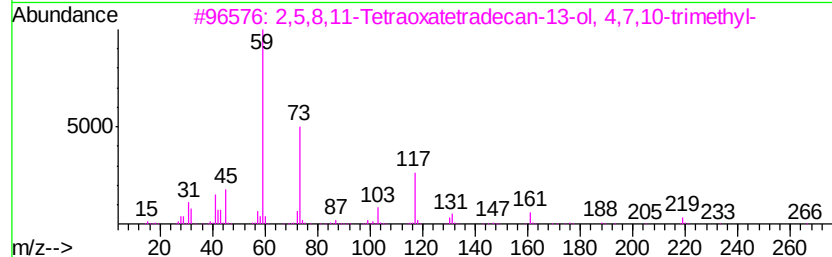
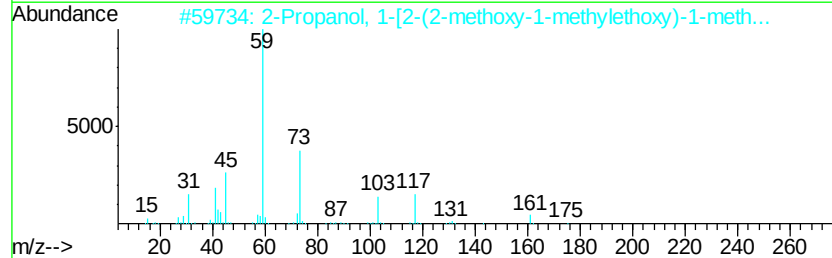
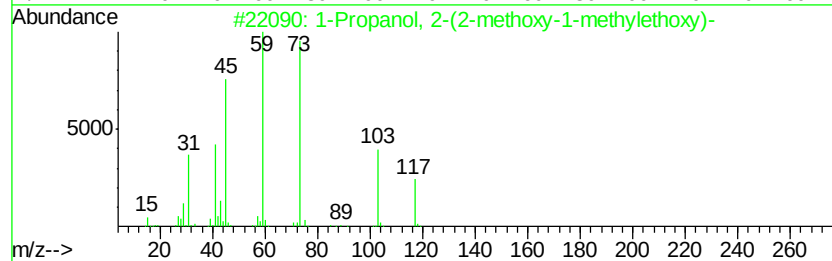
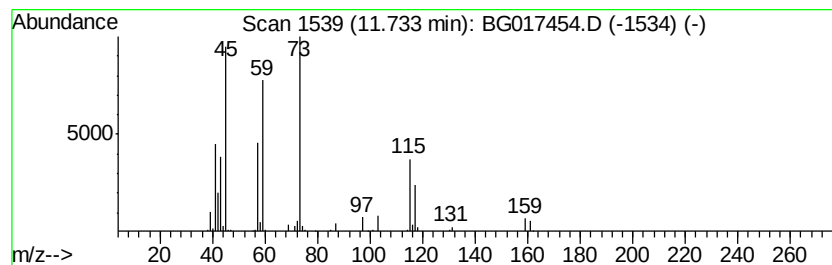
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	37.06 ng	238392	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-methoxy-1-methy...	148	C7H16O3	055956-21-3	45
2		2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	38
3		2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	32
4		Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	27
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017454.D
Acq On : 4 Jun 2015 22:27
Operator : TP/IZ
Sample : G2501-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7-6-2-15

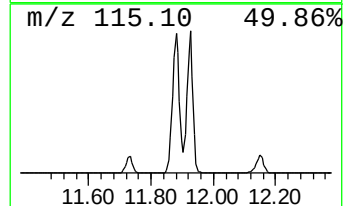
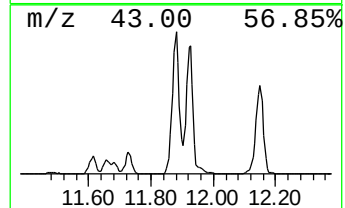
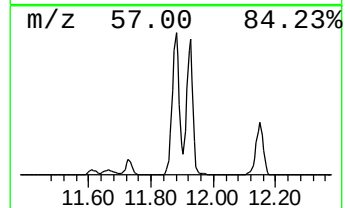
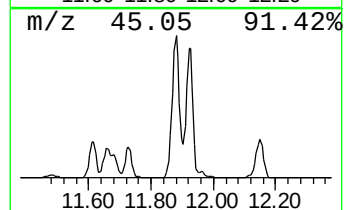
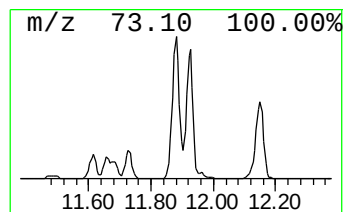
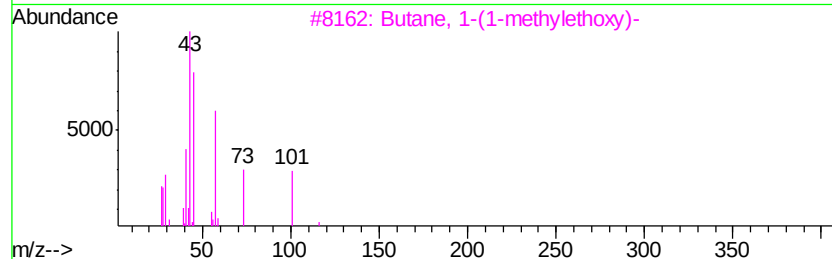
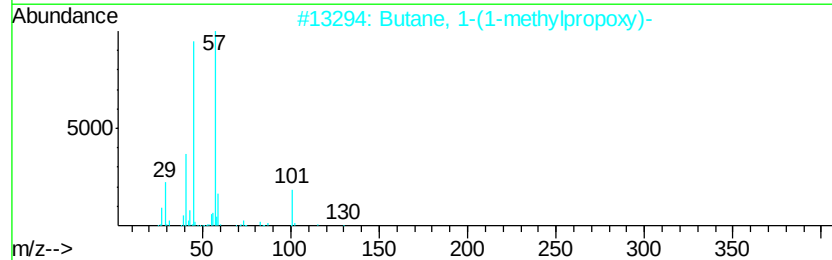
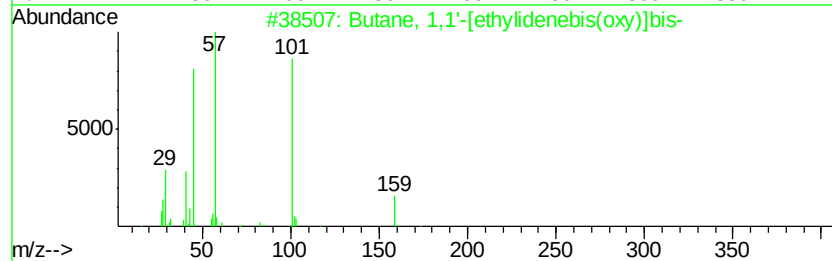
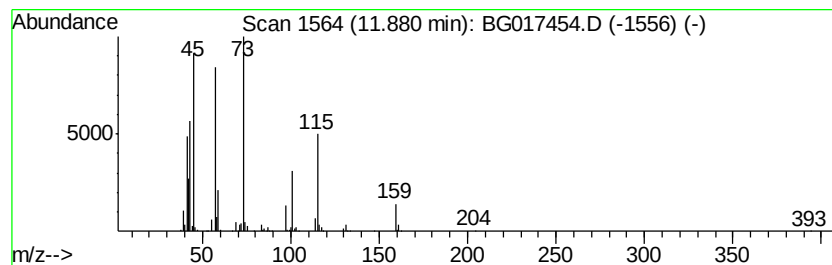
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.88 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	205.78 ng	1323850	Napthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	43
2		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43
3		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	38
4		Di-sec-butyl ether	130	C8H18O	006863-58-7	38
5		Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017454.D
Acq On : 4 Jun 2015 22:27
Operator : TP/IZ
Sample : G2501-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

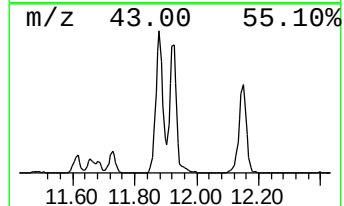
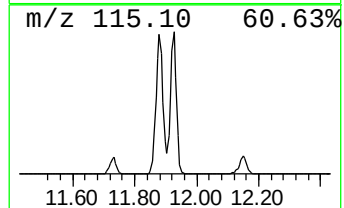
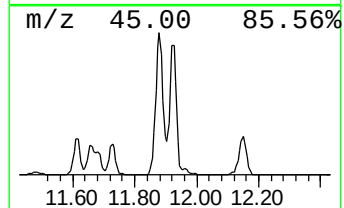
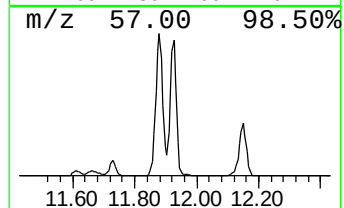
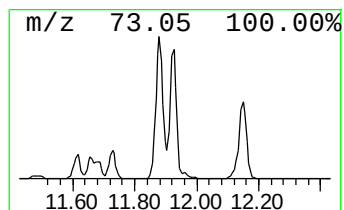
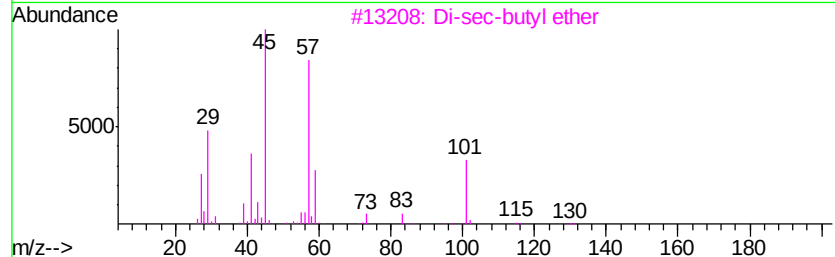
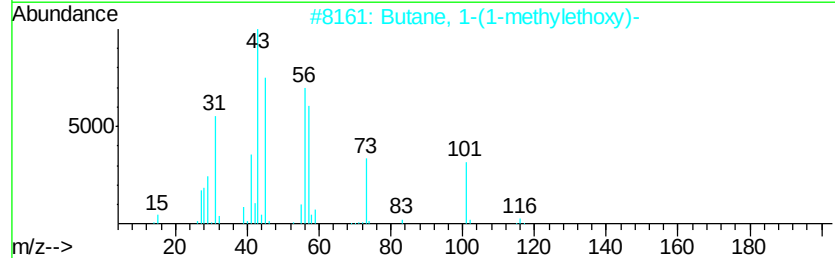
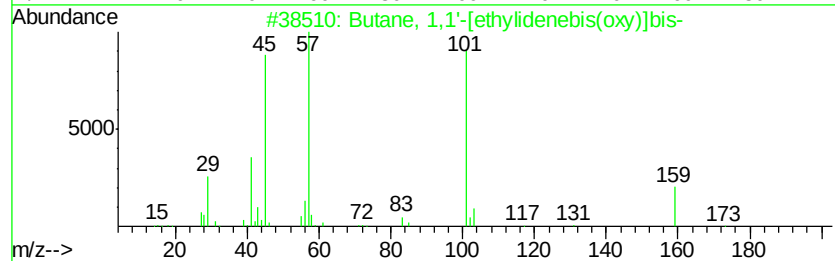
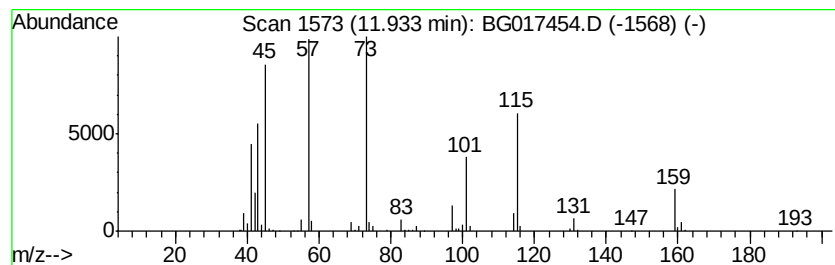
Instrument :
BNA_G
ClientSampleId :
MW-7-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	167.87 ng	1079960	Napthalene-d8	10.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	43
2	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	43
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	38
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	38
5	Phloroglucitol	132	C6H12O3	002041-15-8	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017454.D
Acq On : 4 Jun 2015 22:27
Operator : TP/IZ
Sample : G2501-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

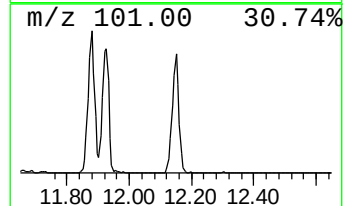
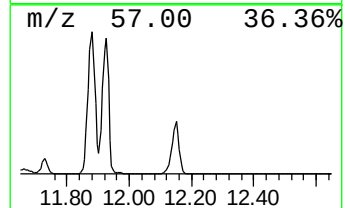
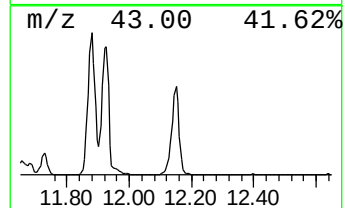
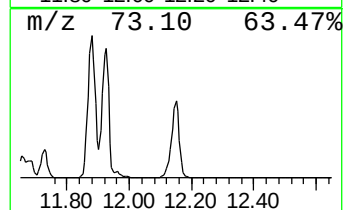
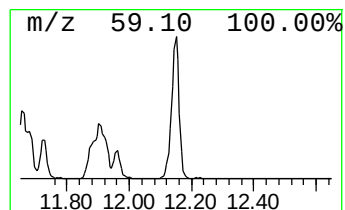
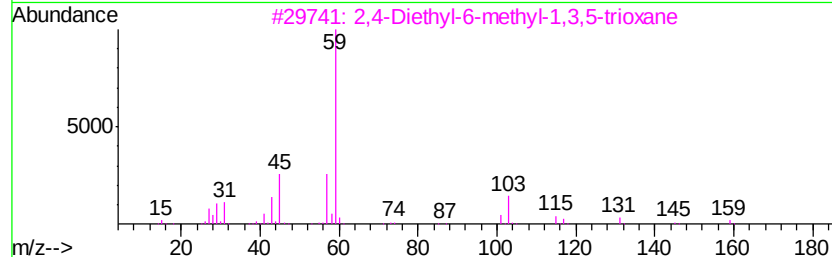
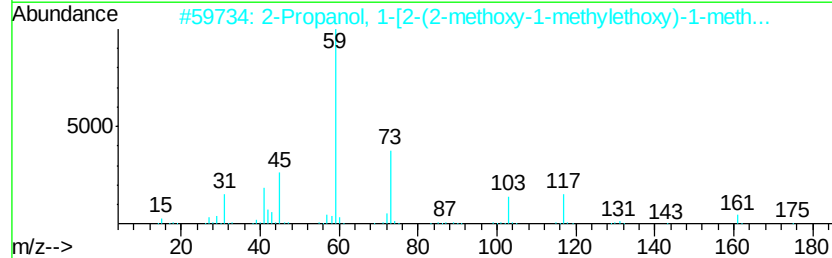
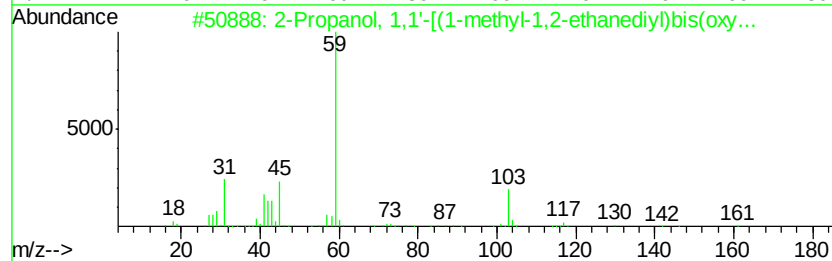
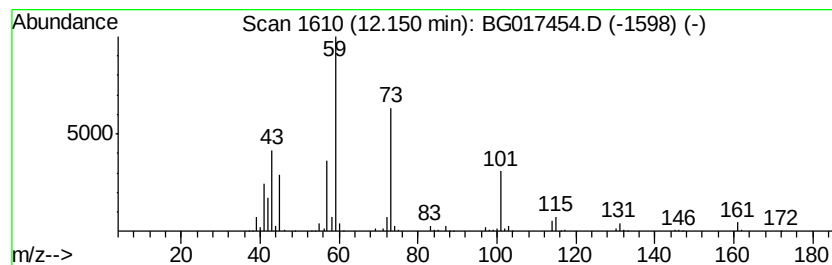
Instrument :
BNA_G
ClientSampled :
MW-7-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	120.72 ng	776646	Napthalene-d8	10.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Propanol, 1,1'-[(1-methyl-1,2-...	192 C9H20O4	001638-16-0	59
2	2-Propanol, 1-[2-(2-methoxy-1-me...	206 C10H22O4	020324-33-8	56
3	2,4-Diethyl-6-methyl-1,3,5-trioxane	160 C8H16O3	117888-04-7	53
4	2,3-Butanediol, 2,3-dimethyl-	118 C6H14O2	000076-09-5	43
5	Butanoic acid, 2-hydroxy-, ethyl...	132 C6H12O3	052089-54-0	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017454.D
Acq On : 4 Jun 2015 22:27
Operator : TP/IZ
Sample : G2501-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7-6-2-15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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...	2.77	29.5	ng	263899	1	7.63	178995	20.0
unknown7.17	7.17	54.4	ng	487134	1	7.63	178995	20.0
Butane, 1-(1-meth...	7.41	29.0	ng	259664	1	7.63	178995	20.0
2-Propanol, 1-[2-...	11.62	44.1	ng	283676	2	10.42	128669	20.0
Tri(1,2-propylene...	11.66	31.0	ng	199348	2	10.42	128669	20.0
unknown11.73	11.73	37.1	ng	238392	2	10.42	128669	20.0
unknown11.88	11.88	205.8	ng	1323850	2	10.42	128669	20.0
unknown11.93	11.93	167.9	ng	1079960	2	10.42	128669	20.0
2-Propanol, 1,1'-...	12.15	120.7	ng	776646	2	10.42	128669	20.0