

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
 Data File : BG016608.D
 Acq On : 22 Apr 2015 7:24
 Operator : TP/IZ
 Sample : G1928-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0436

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-BG042115.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	2.725	3	6	15	rVB	225569	385780	10.94%	2.131%
2	2.801	15	19	32	rVB	293712	409605	11.61%	2.262%
3	4.752	344	351	358	rBV	40187	61630	1.75%	0.340%
4	5.228	426	432	443	rBV	451977	646191	18.32%	3.569%
5	6.826	697	704	719	rBV	294017	467772	13.26%	2.584%
6	7.173	756	763	771	rBV	850110	1306538	37.04%	7.216%
7	7.637	836	842	848	rBV	204453	319658	9.06%	1.766%
8	7.760	857	863	868	rBV	26591	40869	1.16%	0.226%
9	7.954	889	896	902	rBV	744742	1149601	32.59%	6.350%
10	8.007	902	905	909	rVB	26499	35691	1.01%	0.197%
11	8.794	1032	1039	1046	rBV	588108	949714	26.92%	5.246%
12	9.822	1203	1214	1225	rBV5	24794	60966	1.73%	0.337%
13	10.422	1304	1316	1322	rBV	297900	521365	14.78%	2.880%
14	10.827	1381	1385	1393	rVB	26824	42609	1.21%	0.235%
15	11.321	1464	1469	1478	rVB6	19825	47422	1.34%	0.262%
16	11.750	1531	1542	1551	rBV2	18352	57004	1.62%	0.315%
17	12.801	1717	1721	1730	rVB7	20638	48766	1.38%	0.269%
18	12.901	1730	1738	1743	rBV	1558117	2347093	66.54%	12.964%
19	12.942	1743	1745	1751	rVB2	39357	50030	1.42%	0.276%
20	13.741	1877	1881	1885	rBV	26027	38653	1.10%	0.213%
21	14.282	1967	1973	1980	rVB2	439603	677423	19.21%	3.742%
22	15.639	2199	2204	2210	rBV	59162	85801	2.43%	0.474%
23	15.774	2220	2227	2238	rBV	1087902	1547974	43.89%	8.550%
24	17.020	2434	2439	2444	rBV2	605168	829731	23.52%	4.583%
25	17.925	2590	2593	2603	rBV2	74694	139418	3.95%	0.770%
26	19.211	2809	2812	2818	rBV6	35814	61641	1.75%	0.340%
27	19.652	2882	2887	2898	rBV	2868633	3527312	100.00%	19.482%
28	20.915	3099	3102	3111	rBV	144238	202127	5.73%	1.116%
29	21.121	3134	3137	3141	rVB	33430	37016	1.05%	0.204%
30	21.203	3146	3151	3162	rVV	794842	1011127	28.67%	5.585%
31	23.424	3522	3529	3539	rVB	531718	998596	28.31%	5.516%

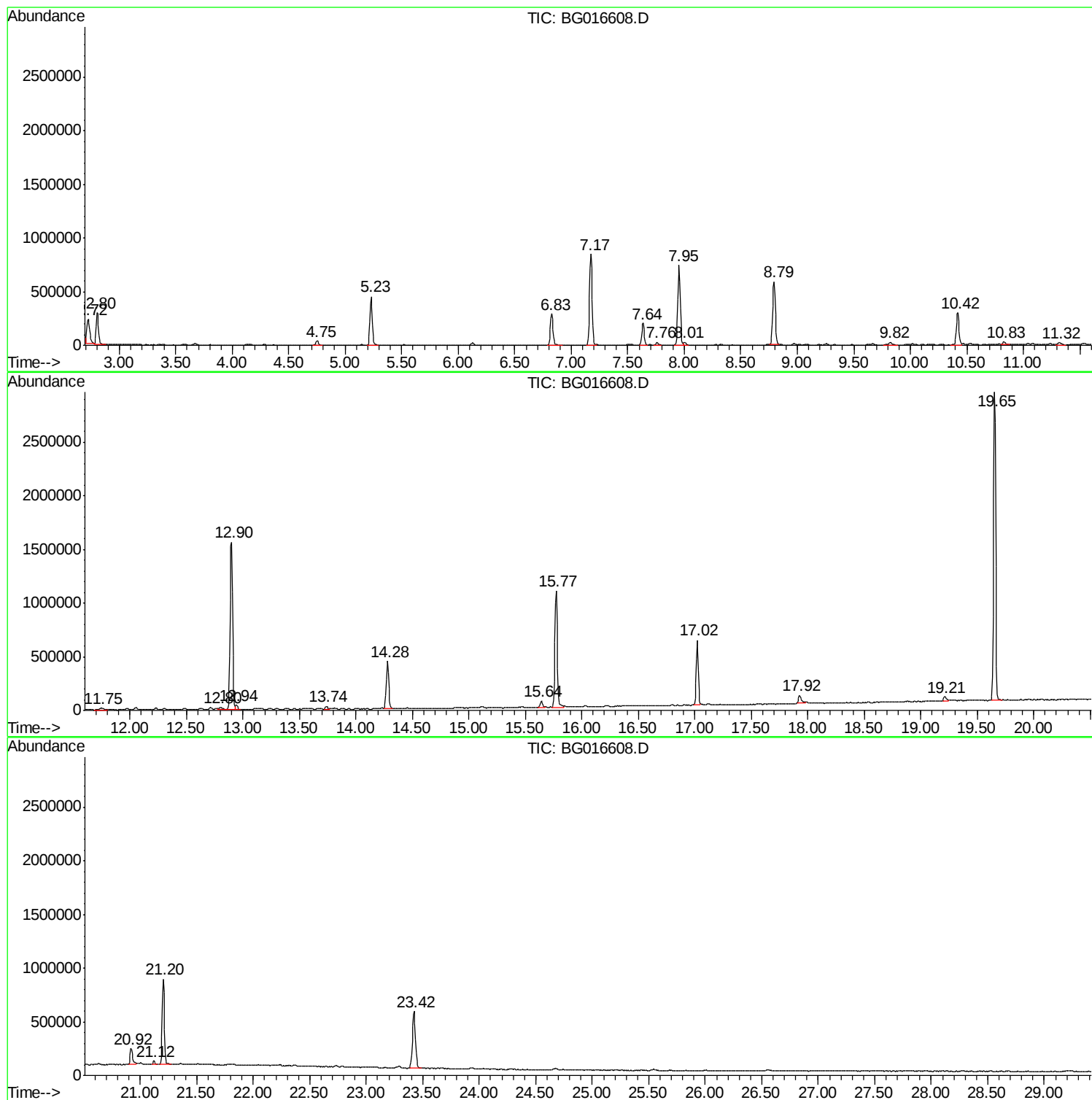
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Instrument :
BNA_G
ClientSampleId :
S8-0436

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.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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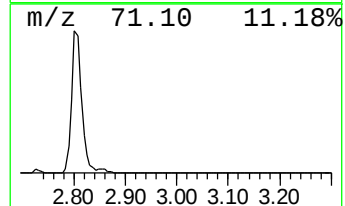
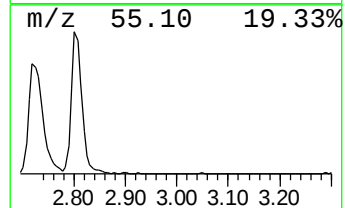
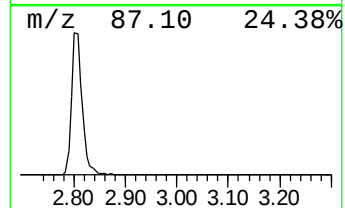
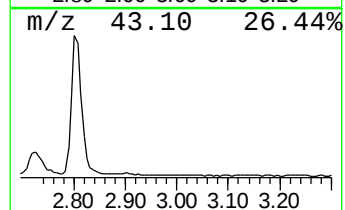
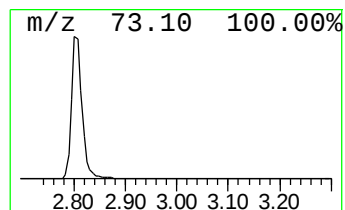
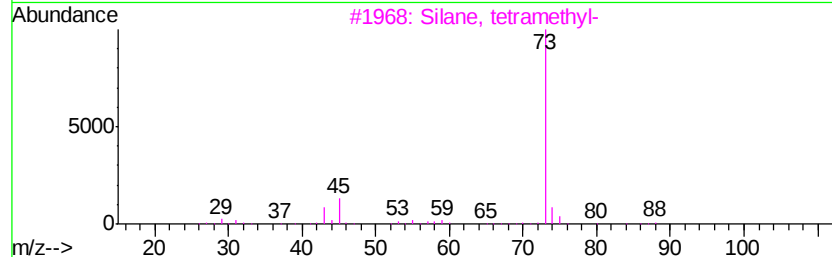
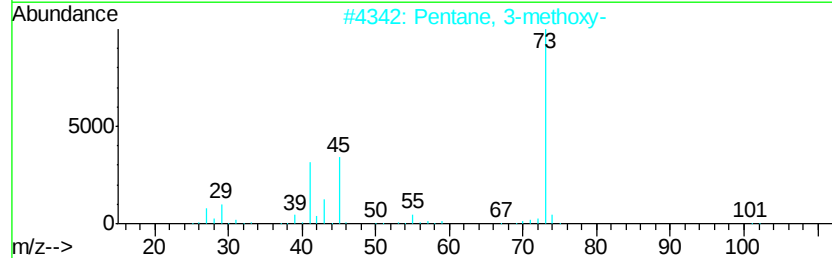
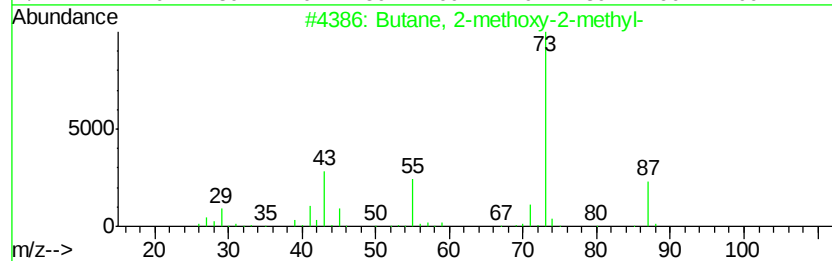
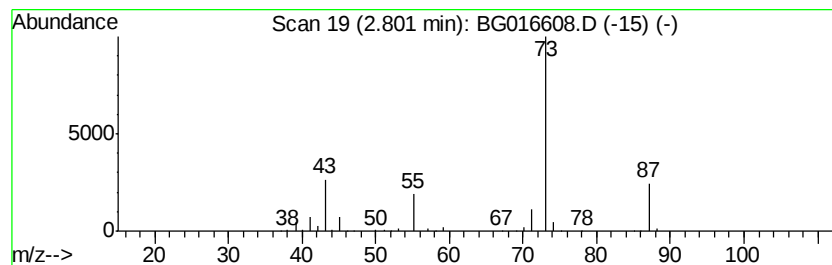
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.80	25.63 ng	409605	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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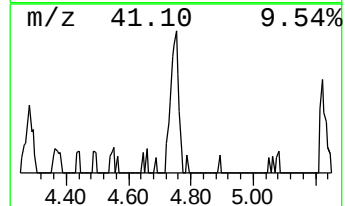
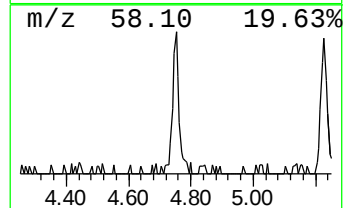
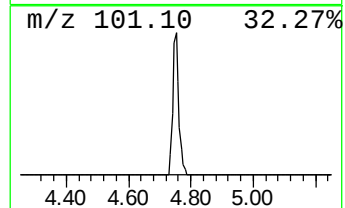
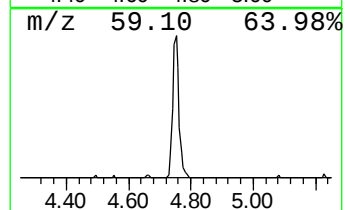
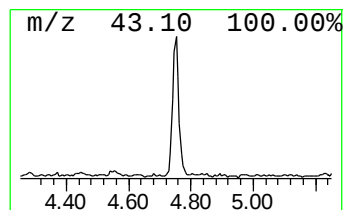
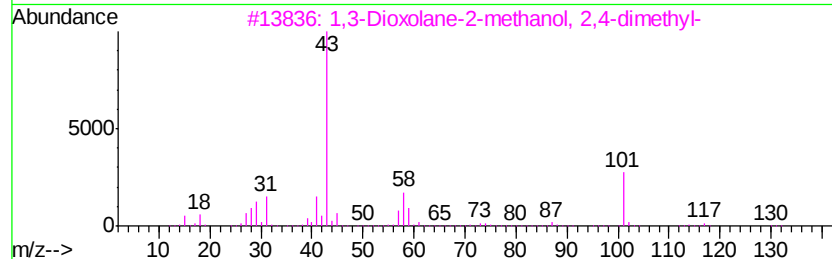
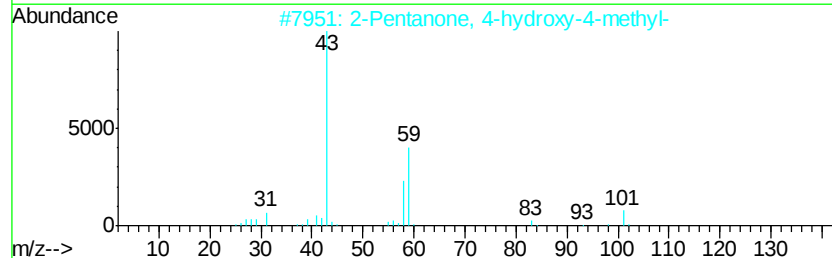
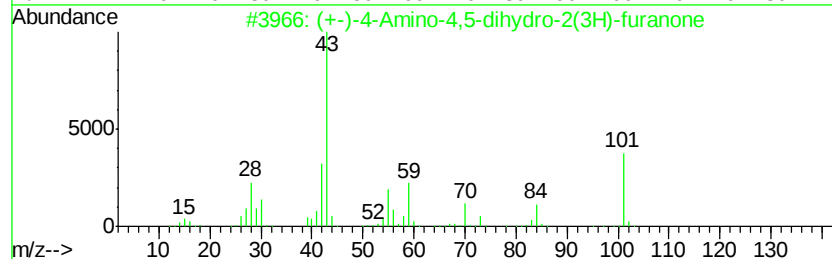
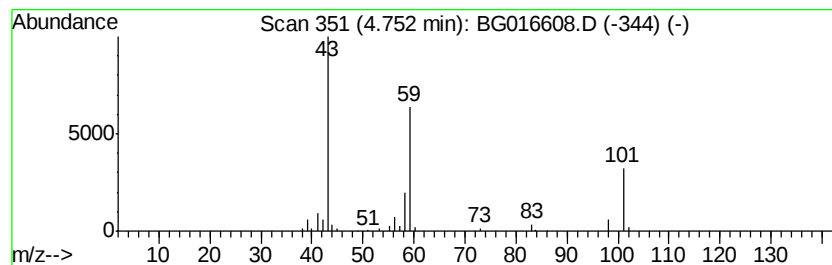
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Peak Number 3 unknown4.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	3.86 ng	61630	1,4-Dichlorobenzene-d4	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28		
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	23		
5	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	17		



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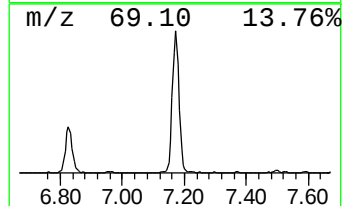
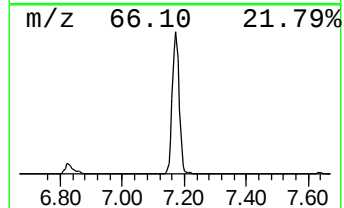
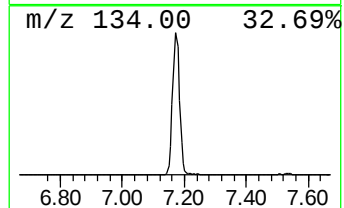
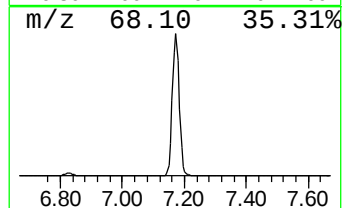
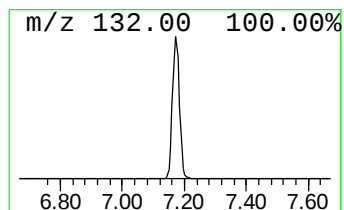
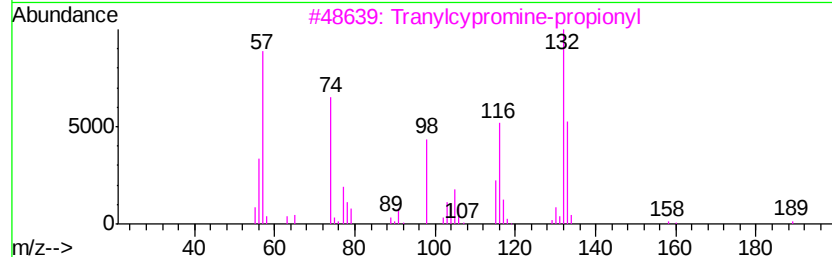
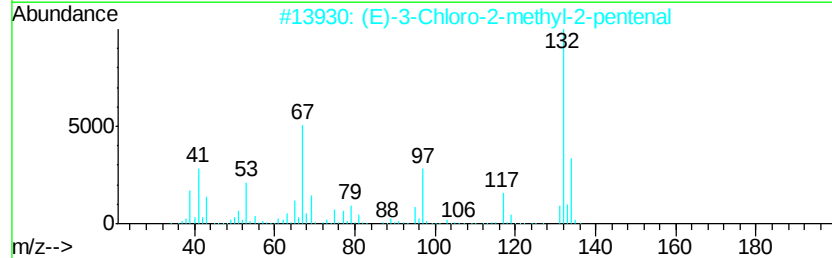
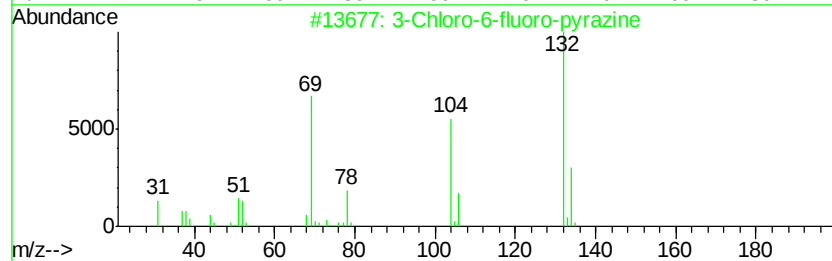
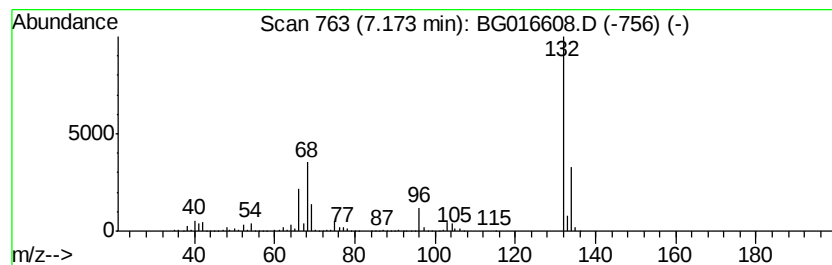
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Peak Number 4 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	81.75 ng	1306540	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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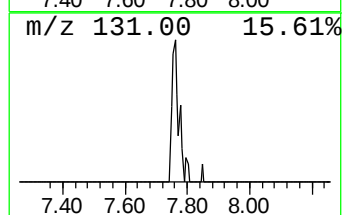
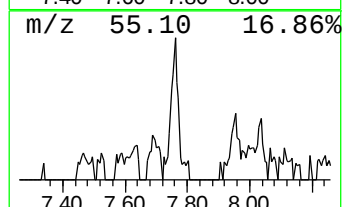
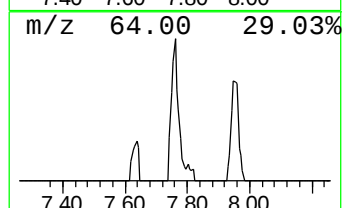
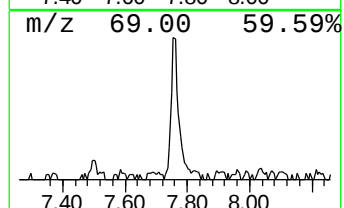
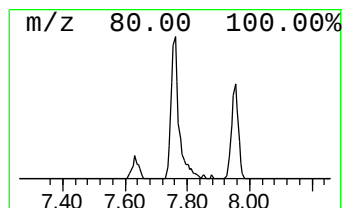
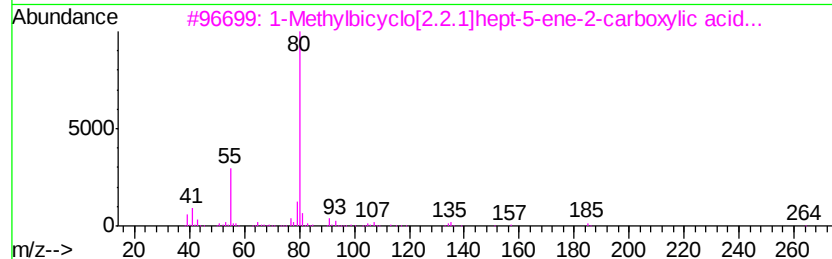
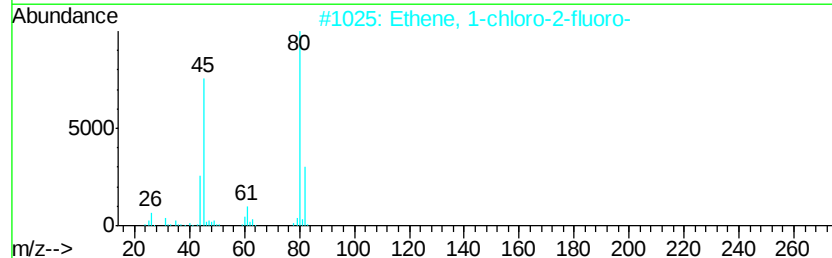
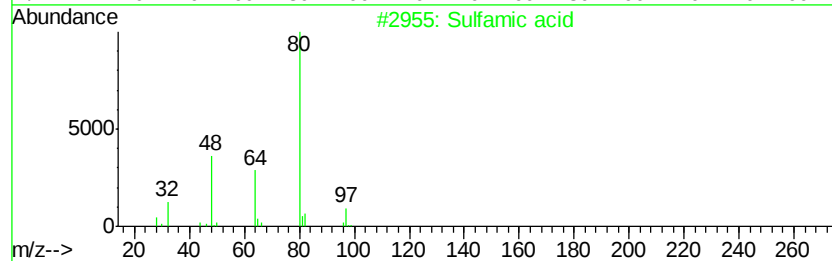
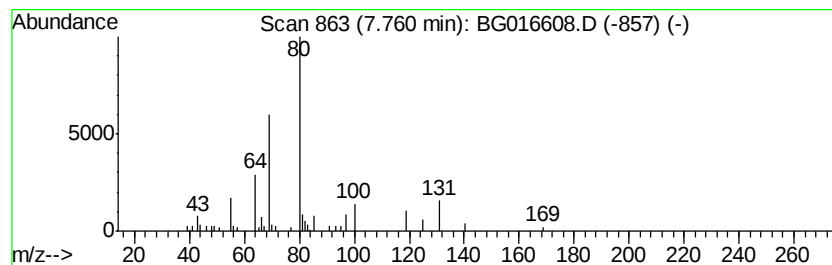
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Peak Number 5 unknown7.76 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.56 ng	40869	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfamic acid	97	H3NO3S	005329-14-6	40
2		Ethene, 1-chloro-2-fluoro-	80	C2H2ClF	000460-16-2	39
3		1-Methylbicyclo[2.2.1]hept-5-ene...	264	C15H20O4	1000210-18-6	39
4		Pyridazine	80	C4H4N2	000289-80-5	9
5		Bicyclo[2.2.2]octanone	124	C8H12O	002716-23-6	9



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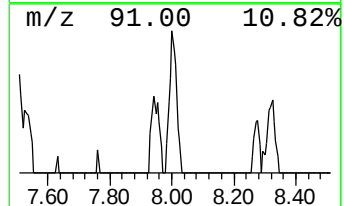
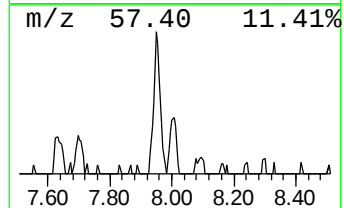
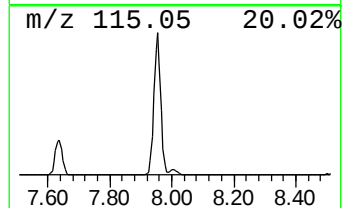
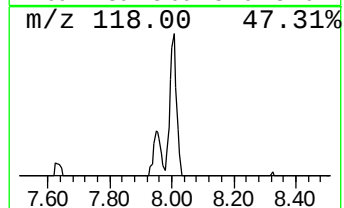
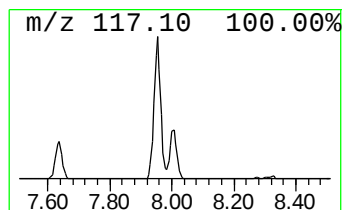
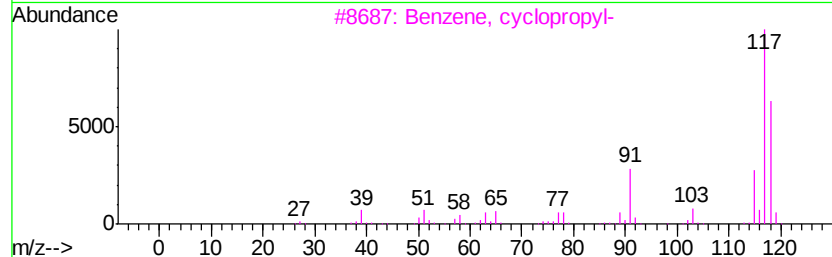
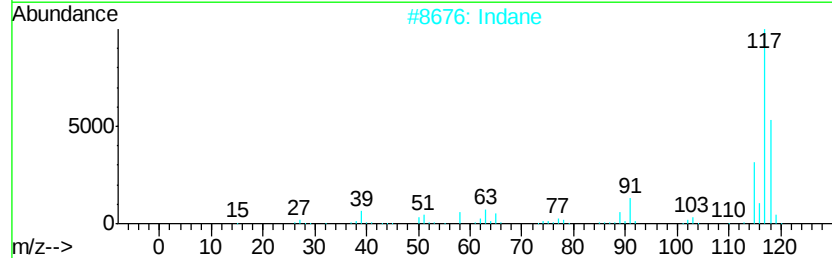
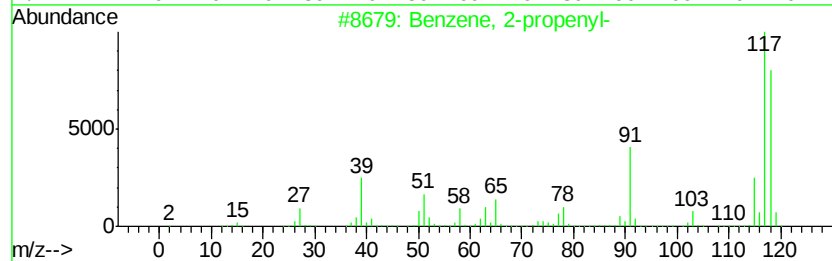
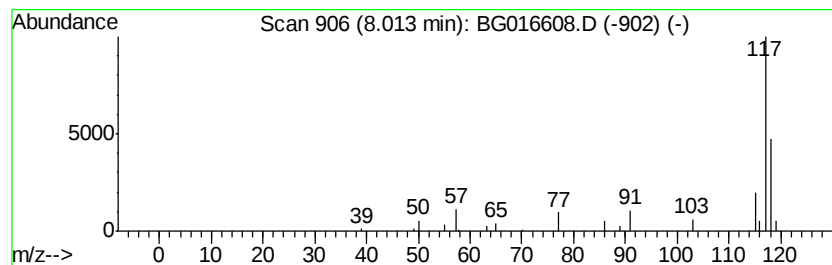
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 Benzene, 2-propenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	2.23 ng	35691	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2		Indane	118	C9H10	000496-11-7	64
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	59
5		7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	53



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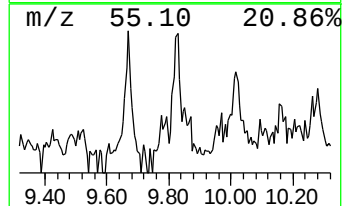
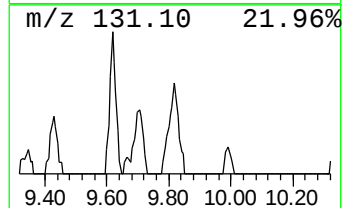
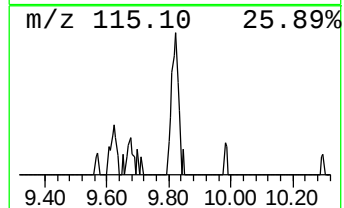
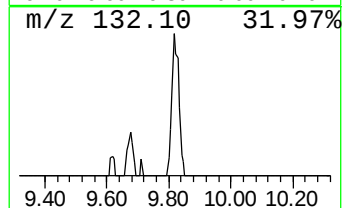
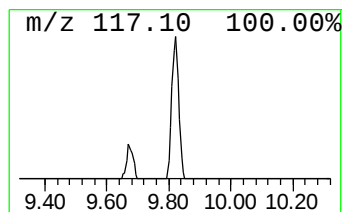
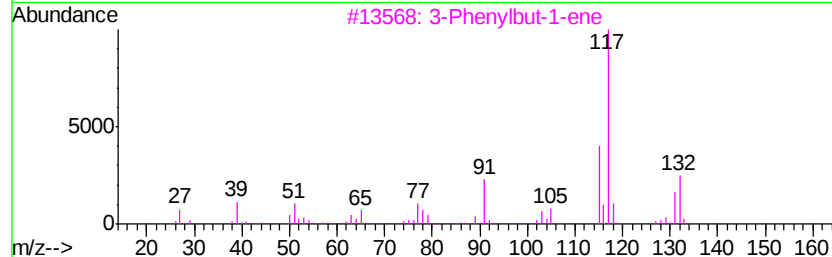
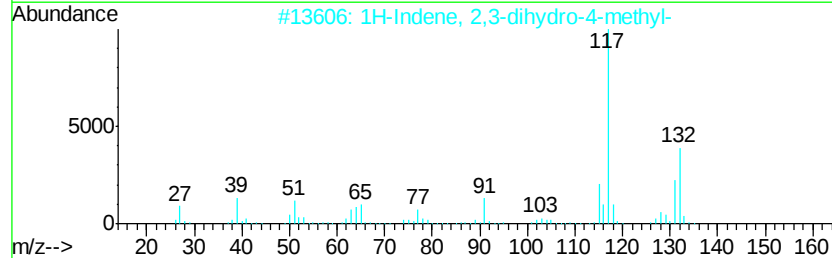
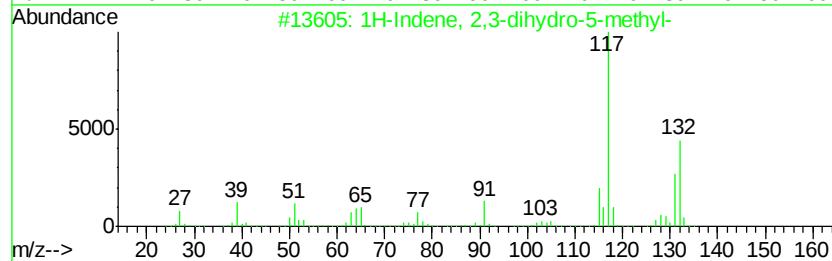
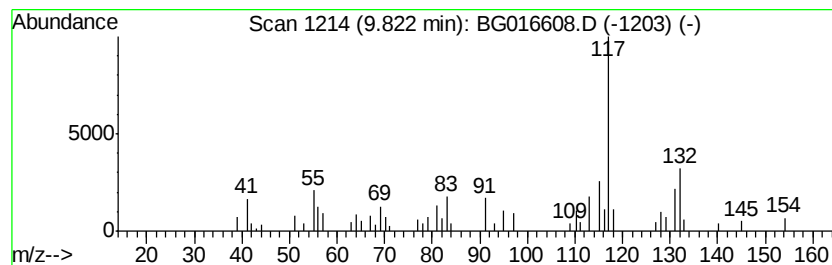
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.34 ng	60966	Napthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016608.D
Acq On : 22 Apr 2015 7:24
Operator : TP/IZ
Sample : G1928-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0436

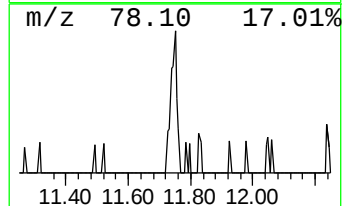
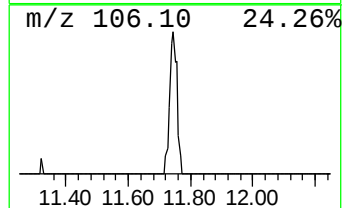
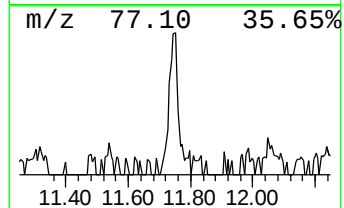
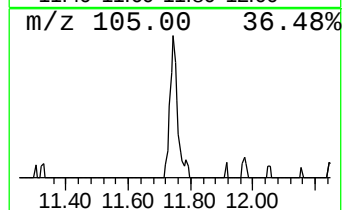
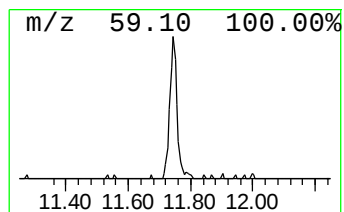
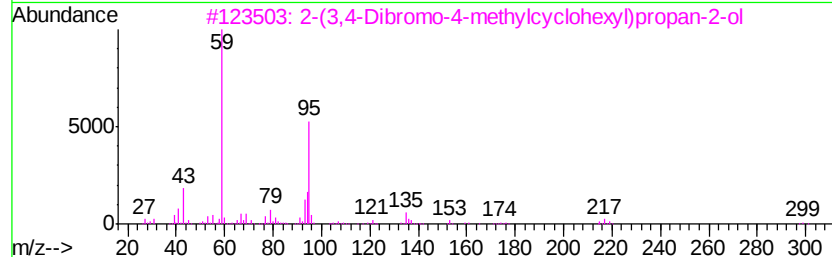
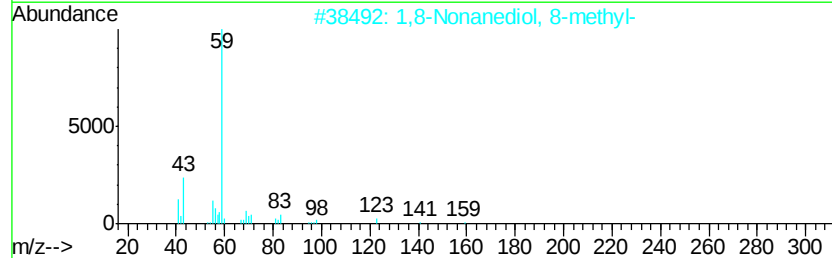
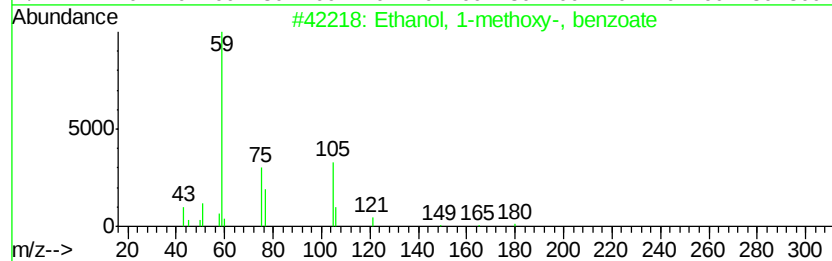
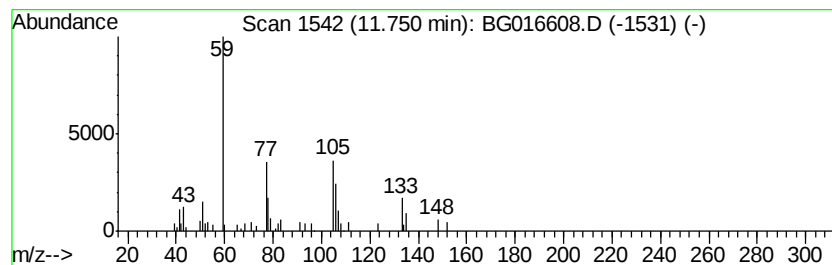
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.19 ng	57004	Naphthalene-d8	10.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	38
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
3		2-(3,4-Dibromo-4-methylcyclohexyl)propan-2-ol	312	C10H18Br2O	110202-13-6	23
4		4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12
5		3-Nitrobenzylamine	152	C7H8N2O2	007409-18-9	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016608.D
Acq On : 22 Apr 2015 7:24
Operator : TP/IZ
Sample : G1928-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

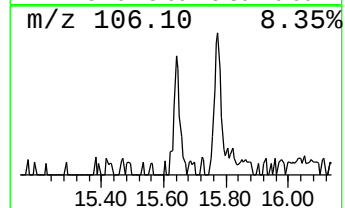
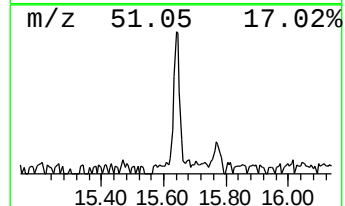
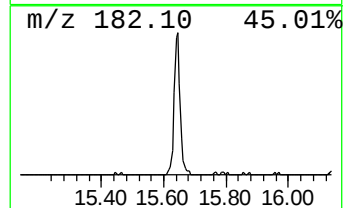
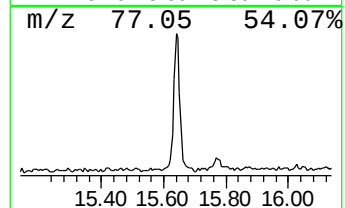
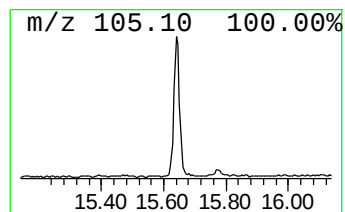
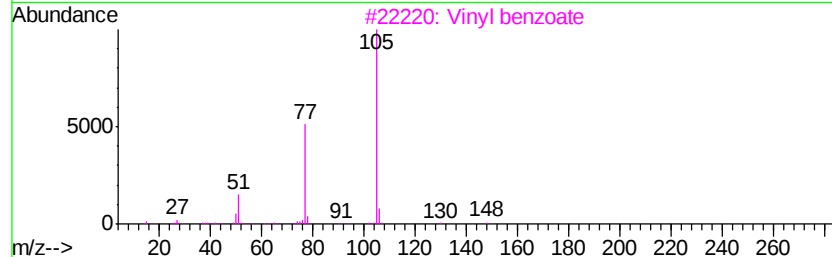
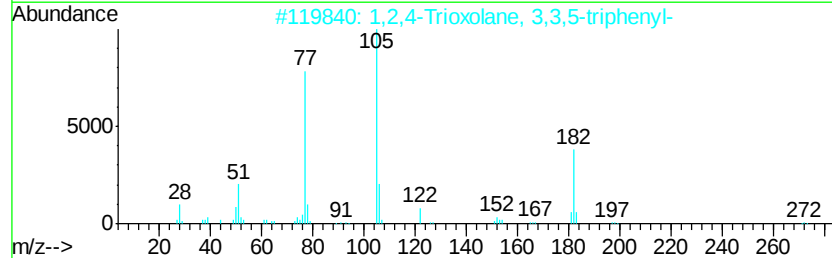
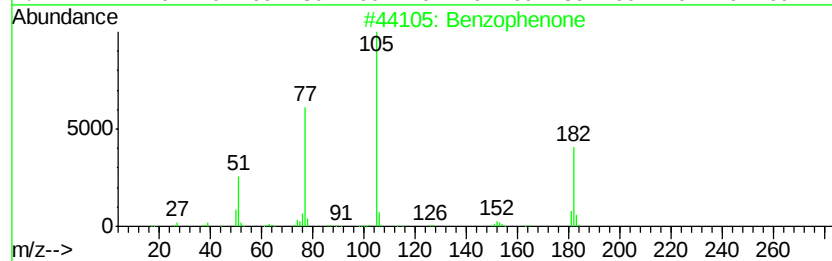
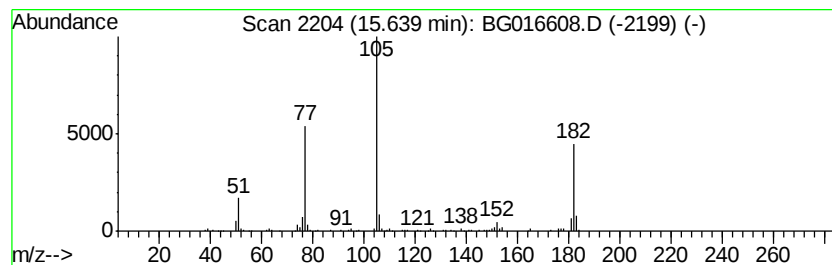
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BNA_G
ClientSampleId :
S8-0436

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.53 ng	85801	Acenaphthene-d10	14.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 95
2		1,2,4-Trioxolane, 3,3,5-triphenyl-	304 C20H16O3	023246-12-0 78
3		Vinyl benzoate	148 C9H8O2	000769-78-8 46
4		Pentanediamide, N,N'-di-benzoyloxv-	370 C19H18N2O6	1000253-26-3 43
5		Benzenecarbothioic acid	138 C7H6OS	000098-91-9 43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016608.D
Acq On : 22 Apr 2015 7:24
Operator : TP/IZ
Sample : G1928-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0436

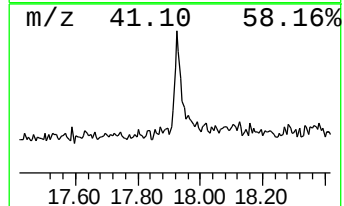
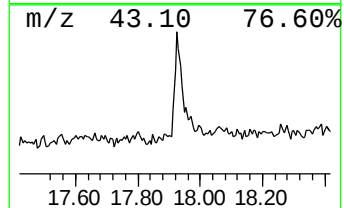
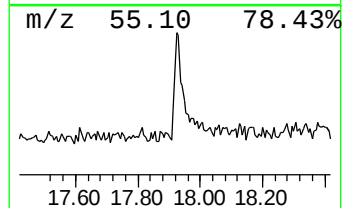
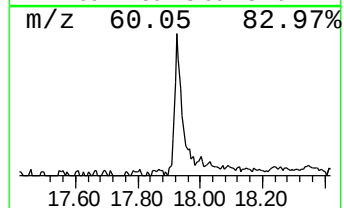
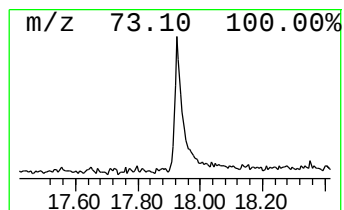
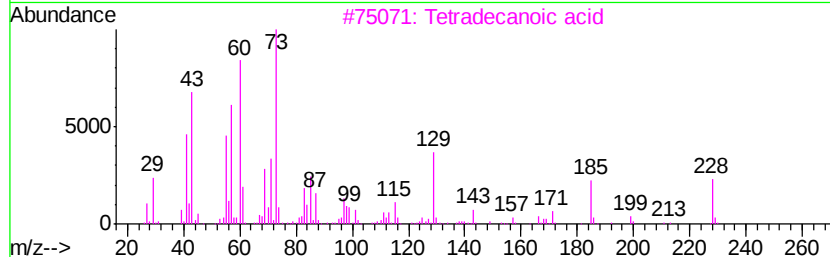
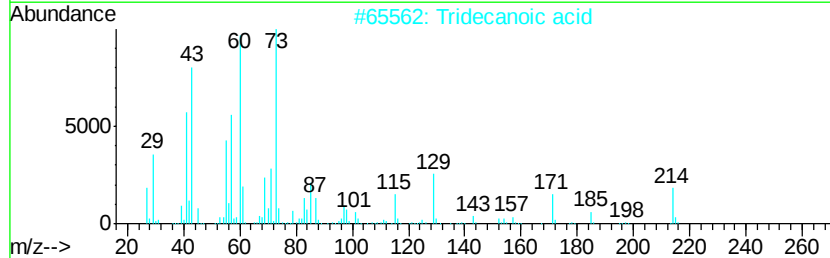
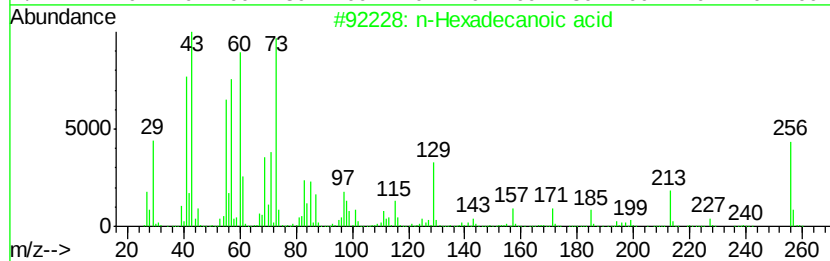
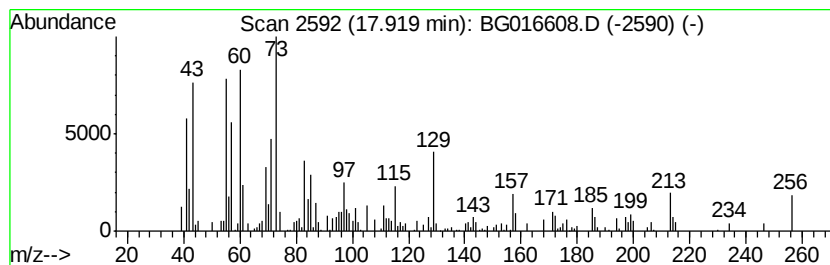
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.36 ng	139418	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016608.D
Acq On : 22 Apr 2015 7:24
Operator : TP/IZ
Sample : G1928-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0436

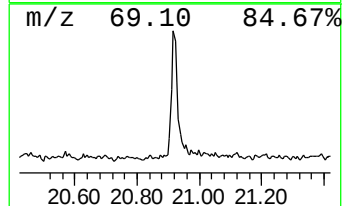
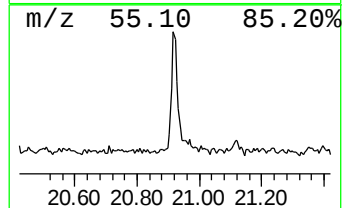
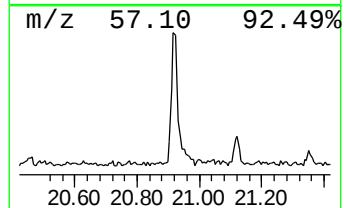
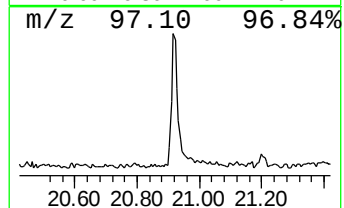
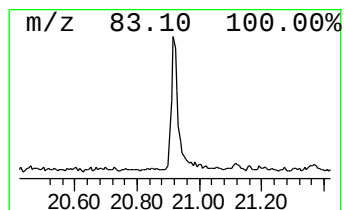
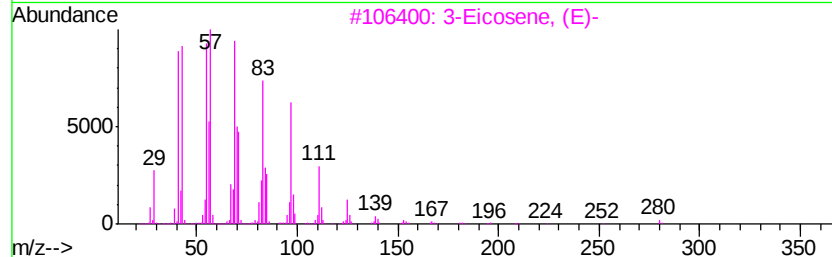
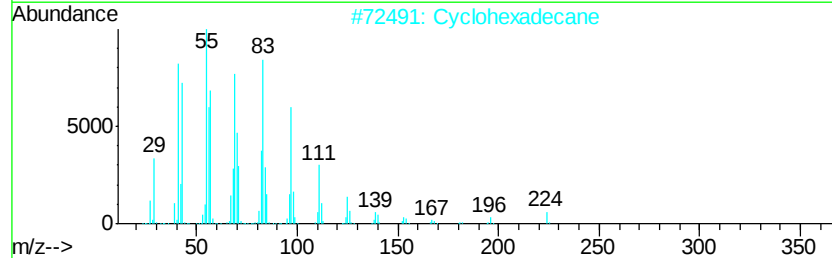
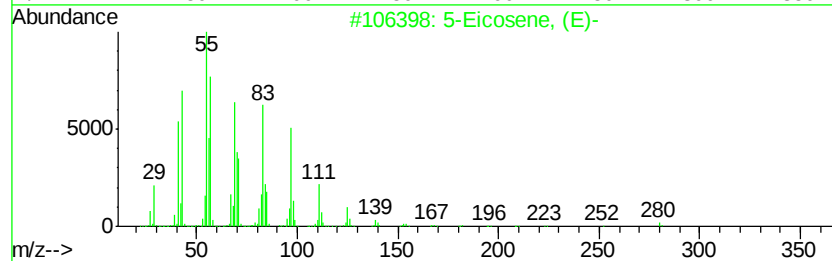
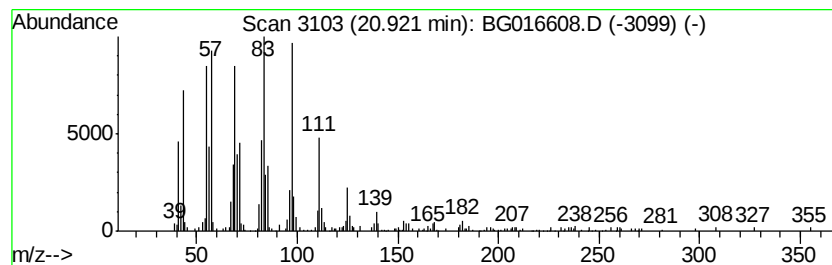
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.00 ng	202127	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2			Cyclohexadecane	224	C16H32	000295-65-8	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4			1-Heptadecanol	256	C17H36O	001454-85-9	83
5			1-Docosene	308	C22H44	001599-67-3	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042115\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0436

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.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
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unknown4.75	4.75	3.9	ng	61630	1	7.64	319658	20.0
unknown7.17	7.17	81.8	ng	1306540	1	7.64	319658	20.0
unknown7.76	7.76	2.6	ng	40869	1	7.64	319658	20.0
Benzene, 2-propenyl-	8.01	2.2	ng	35691	1	7.64	319658	20.0
1H-Indene, 2,3-di...	9.82	2.3	ng	60966	2	10.42	521365	20.0
unknown11.75	11.75	2.2	ng	57004	2	10.42	521365	20.0
Benzophenone	15.64	2.5	ng	85801	3	14.28	677423	20.0
n-Hexadecanoic acid	17.92	3.4	ng	139418	4	17.02	829731	20.0
5-Eicosene, (E)-	20.92	4.0	ng	202127	5	21.20	1011130	20.0