

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016884.D
 Acq On : 6 May 2015 3:47
 Operator : TP/IZ
 Sample : G2114-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-5(12-18)

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-BG050515.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	2.788	13	17	25	rBV	6221309	8858134	100.00%	19.177%
2	2.923	37	40	50	rVB3	225447	407915	4.60%	0.883%
3	3.005	50	54	59	rVV	249182	323653	3.65%	0.701%
4	3.046	59	61	78	rVB3	71093	151851	1.71%	0.329%
5	3.534	141	144	152	rBV	66924	90858	1.03%	0.197%
6	4.926	376	381	391	rBV	197642	293703	3.32%	0.636%
7	5.385	453	459	471	rBV	1735761	2625766	29.64%	5.684%
8	6.325	615	619	626	rBV	61433	97540	1.10%	0.211%
9	6.971	721	729	740	rBV	1893264	3033493	34.25%	6.567%
10	7.335	784	791	801	rVB	1797045	2826529	31.91%	6.119%
11	7.805	864	871	877	rBV	345926	568333	6.42%	1.230%
12	8.122	918	925	933	rBV	1190359	1905819	21.51%	4.126%
13	8.963	1059	1068	1078	rVB	1057945	1781041	20.11%	3.856%
14	10.596	1339	1346	1353	rBV	489785	819684	9.25%	1.774%
15	11.912	1565	1570	1577	rVB	62039	102526	1.16%	0.222%
16	12.799	1715	1721	1726	rBV2	99084	146164	1.65%	0.316%
17	13.064	1757	1766	1773	rBV	2592198	3958447	44.69%	8.569%
18	13.898	1902	1908	1912	rBV	135525	188293	2.13%	0.408%
19	14.439	1994	2000	2009	rBV2	721549	1132856	12.79%	2.452%
20	15.802	2225	2232	2238	rBV	281087	369338	4.17%	0.800%
21	15.925	2246	2253	2265	rBV	2206950	3182581	35.93%	6.890%
22	17.182	2460	2467	2475	rBV	980493	1404403	15.85%	3.040%
23	18.087	2616	2621	2631	rBV2	286622	447328	5.05%	0.968%
24	19.368	2834	2839	2844	rBV2	115041	181108	2.04%	0.392%
25	19.621	2874	2882	2892	rBV	71296	143384	1.62%	0.310%
26	19.815	2909	2915	2920	rBV	4769884	5728332	64.67%	12.401%
27	21.078	3126	3130	3137	rBV	1211372	1397995	15.78%	3.026%
28	21.360	3172	3178	3184	rBV	1220695	1561509	17.63%	3.380%
29	21.983	3280	3284	3289	rVB4	79095	106175	1.20%	0.230%
30	22.429	3355	3360	3366	rBV6	74202	154722	1.75%	0.335%
31	22.970	3445	3452	3456	rBV6	56207	130624	1.47%	0.283%
32	23.017	3457	3460	3468	rVB3	58041	108161	1.22%	0.234%
33	23.669	3563	3571	3581	rVB2	746955	1473486	16.63%	3.190%
34	24.351	3680	3687	3698	rBV3	163664	374343	4.23%	0.810%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	26.143	3986	3992	4000	rvB9	45750	116419	1.31%	0.252%
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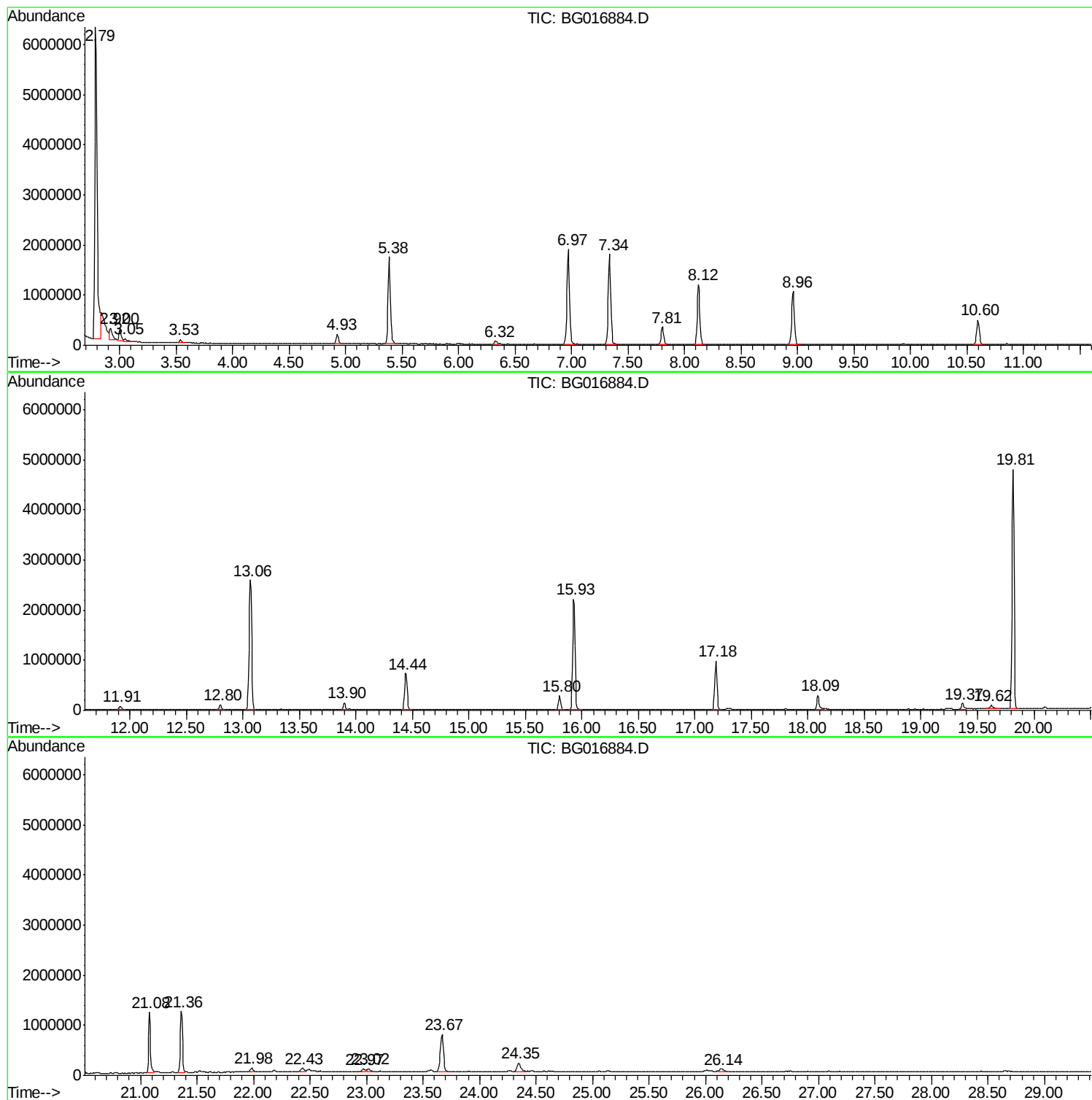
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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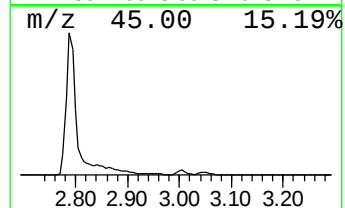
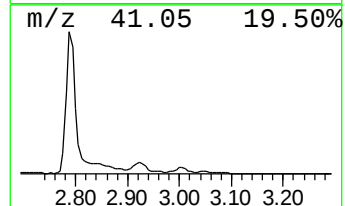
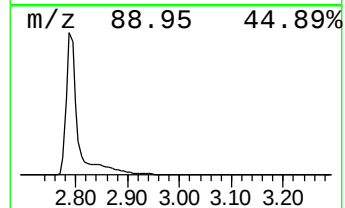
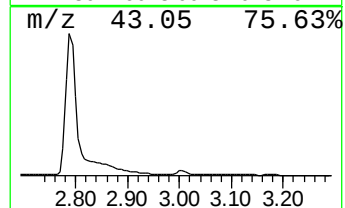
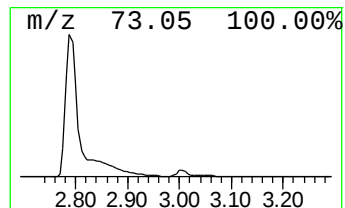
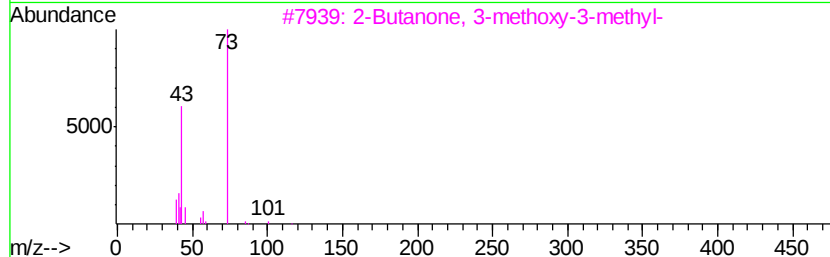
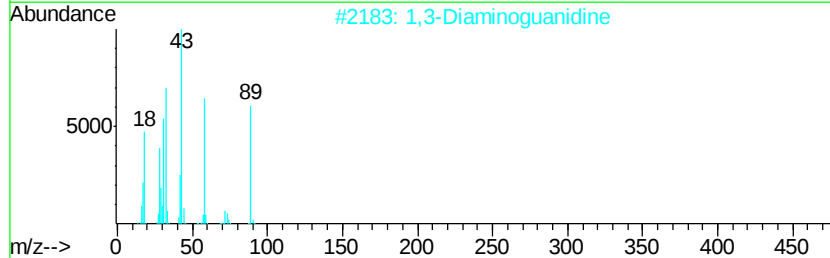
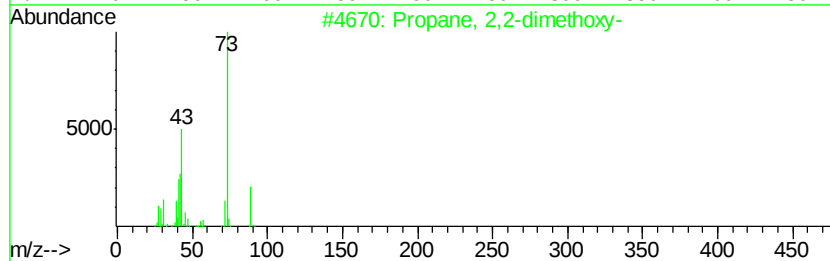
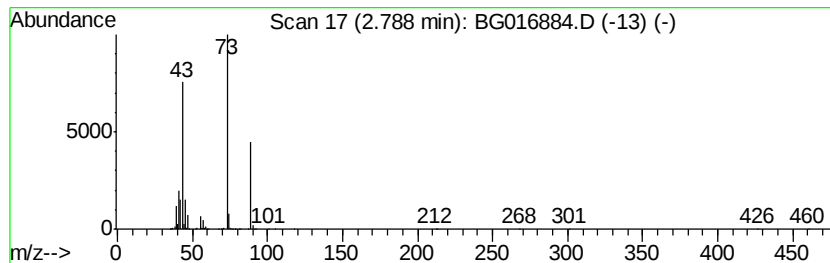
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown2.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	311.72 ng	8858130	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	40
3		2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	32
4		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12



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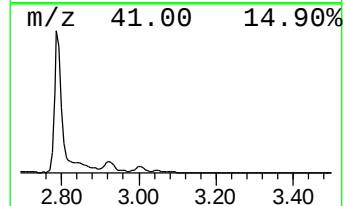
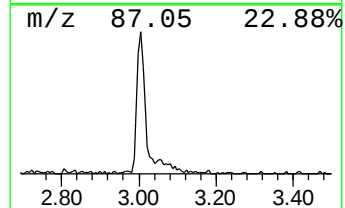
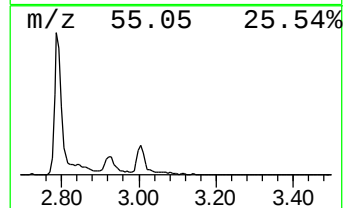
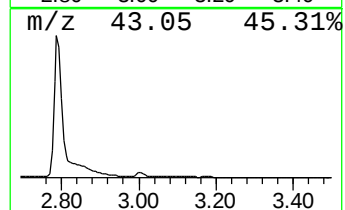
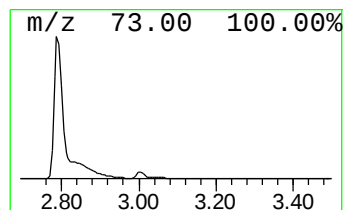
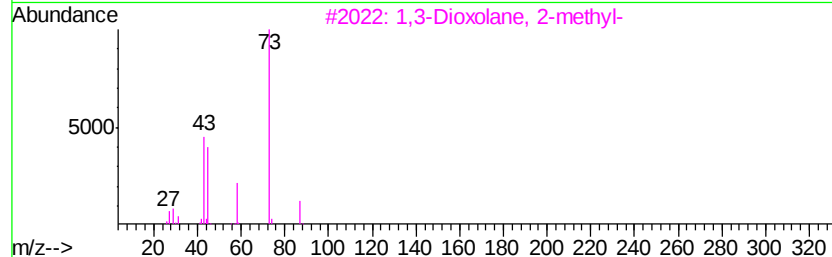
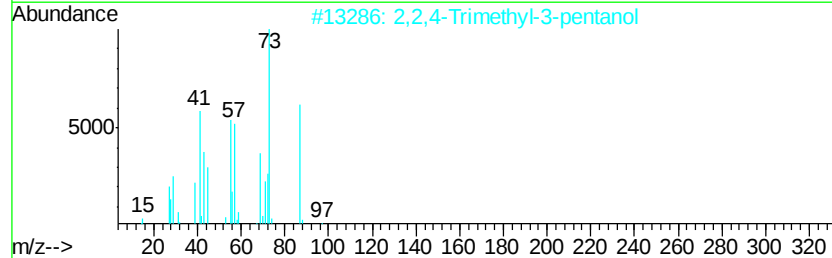
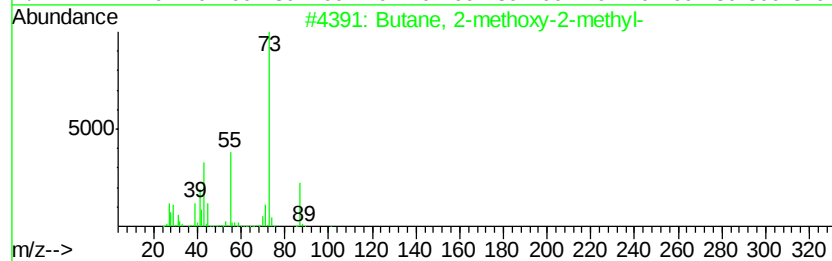
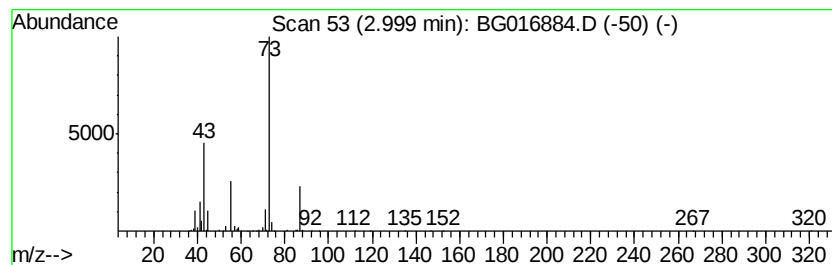
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	11.39 ng	323653	1,4-Dichlorobenzene-d4	7.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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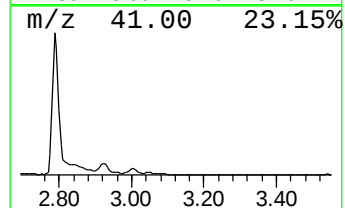
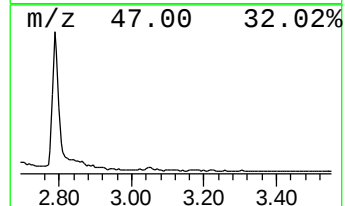
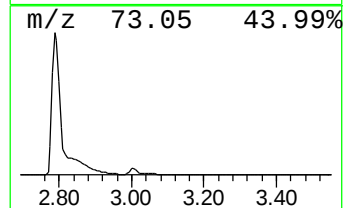
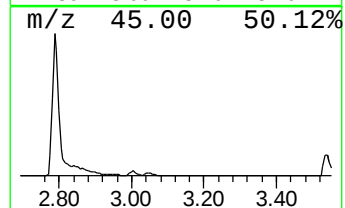
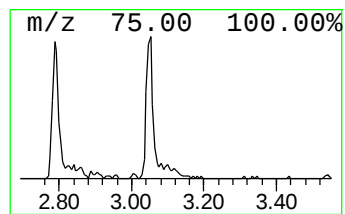
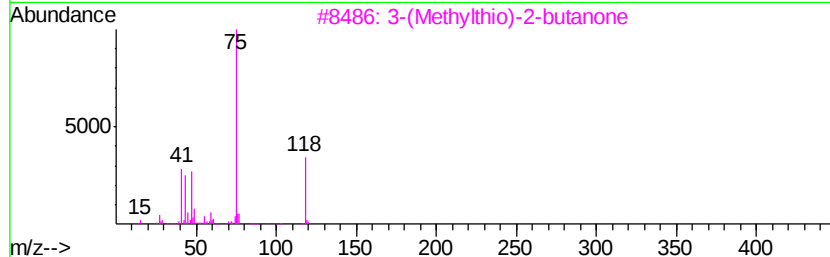
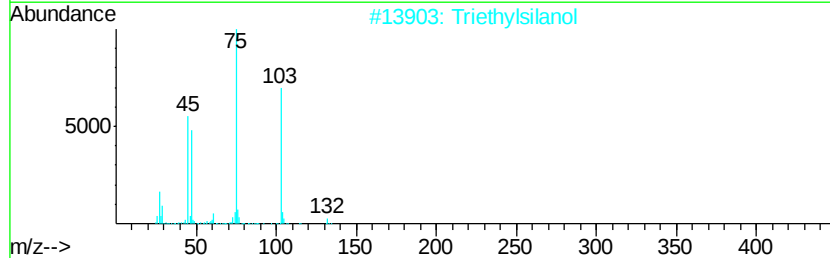
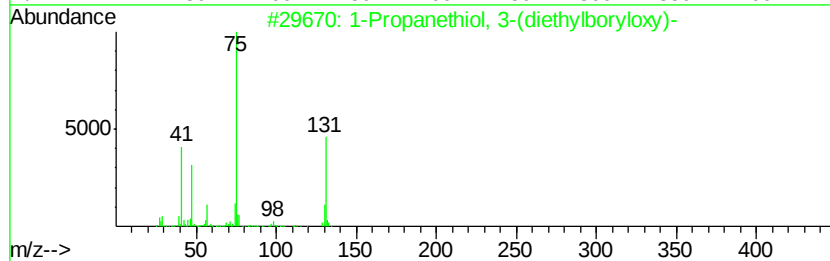
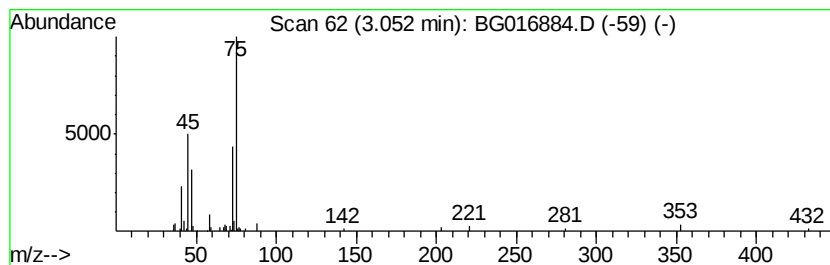
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown3.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	5.34 ng	151851	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanethiol, 3-(diethylborylo...	160	C7H17BOS	1000161-78-5	37
2		Triethylsilanol	132	C6H16OSi	000597-52-4	36
3		3-(Methylthio)-2-butanone	118	C5H10OS	053475-15-3	28
4		Silane, (1,1-dimethylethoxy)trim...	146	C7H18OSi	013058-24-7	25
5		Benzene, [2-(ethylthio)ethyl]-	166	C10H14S	022914-08-5	25



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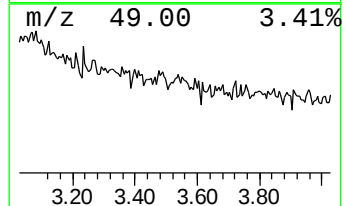
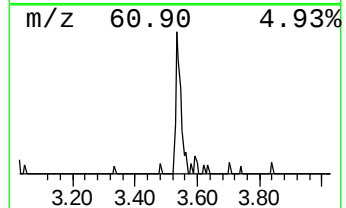
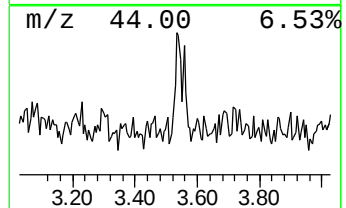
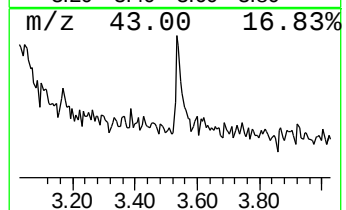
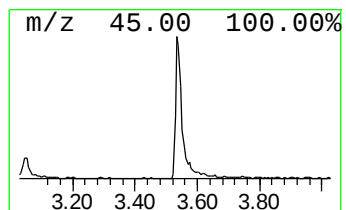
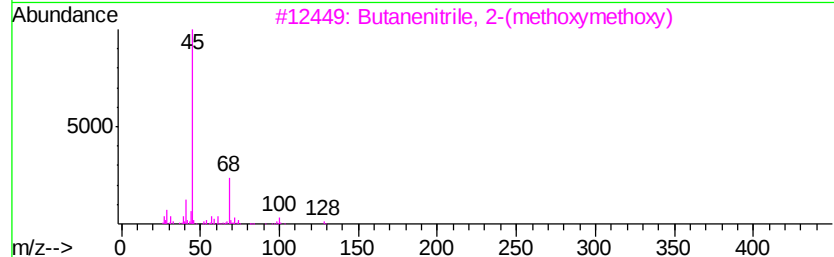
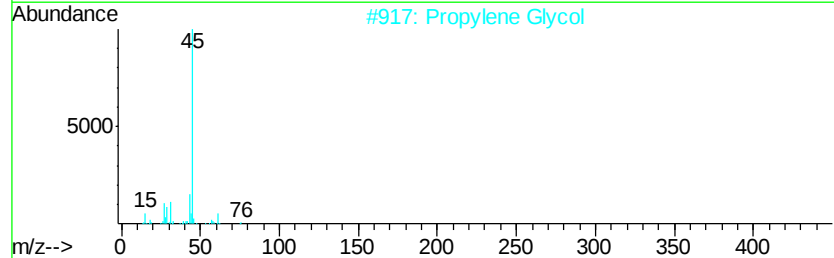
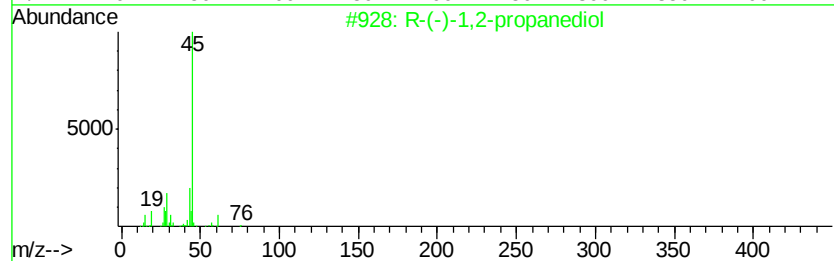
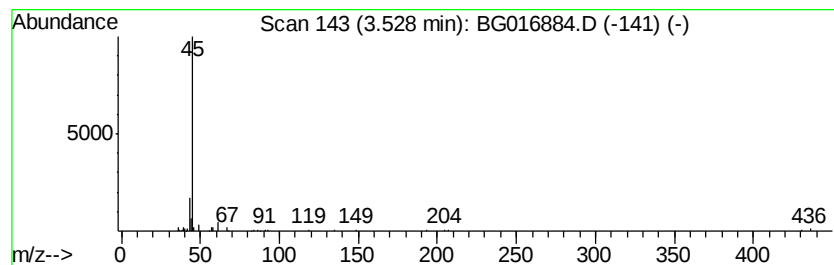
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 R-(-)-1,2-propanediol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	3.20 ng	90858	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
2		Propylene Glycol	76	C3H8O2	000057-55-6	64
3		Butanenitrile, 2-(methoxymethoxy)	129	C6H11N02	1000196-86-5	39
4		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38
5		2-Heptanol, (S)-	116	C7H16O	006033-23-4	9



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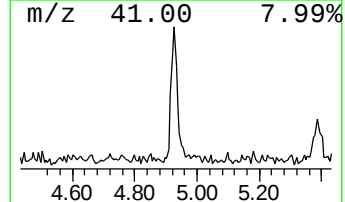
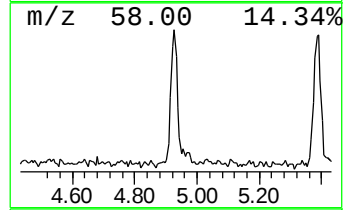
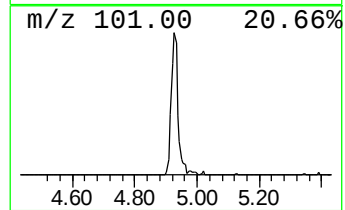
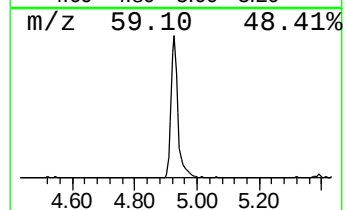
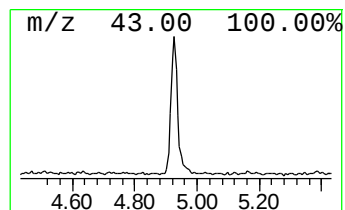
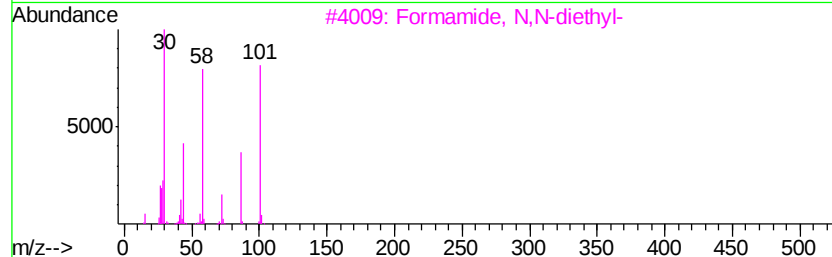
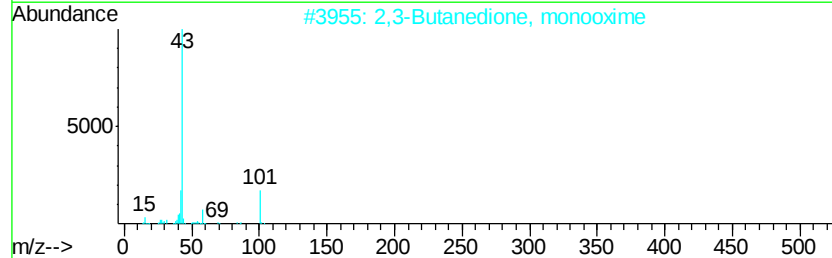
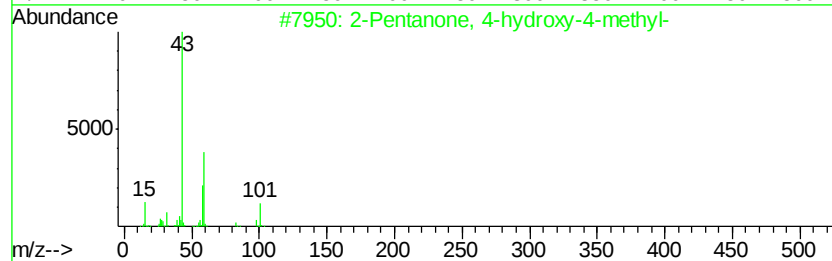
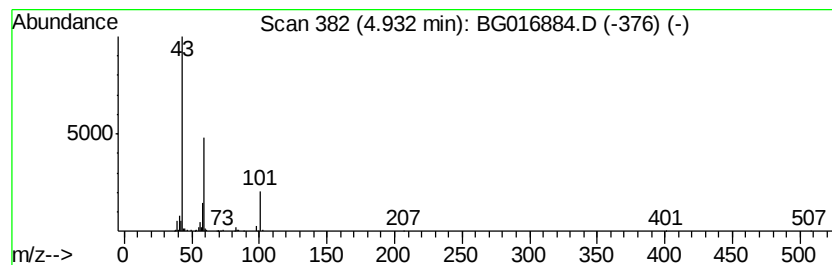
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	10.34 ng	293703	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3		Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4		Butane	58	C4H10	000106-97-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016884.D
Acq On : 6 May 2015 3:47
Operator : TP/IZ
Sample : G2114-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GRID-5(12-18)

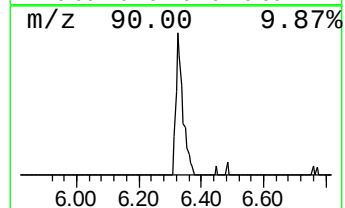
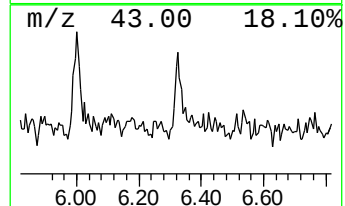
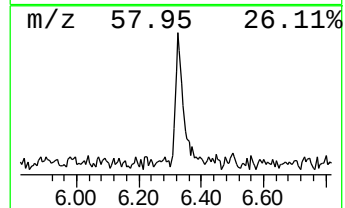
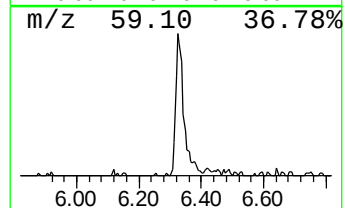
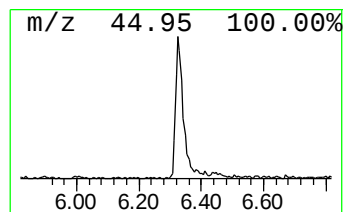
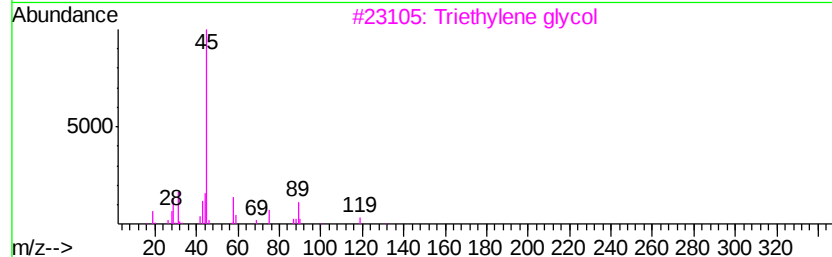
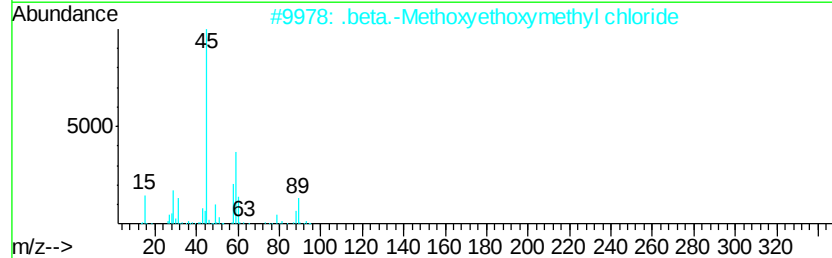
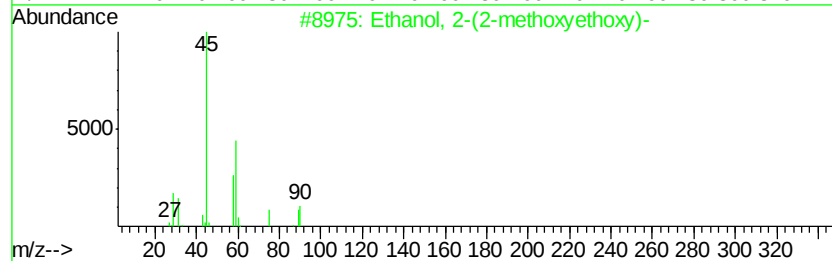
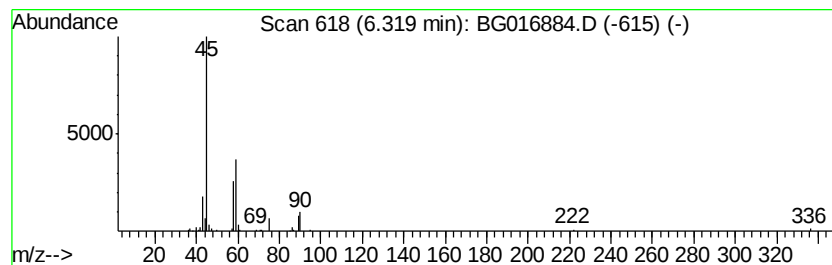
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	3.43 ng	97540	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	78
2		.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	39
3		Triethylene glycol	150	C6H14O4	000112-27-6	33
4		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	9
5		Ethyl ether	74	C4H10O	000060-29-7	9



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Instrument :
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ClientSampleId :
GRID-5(12-18)

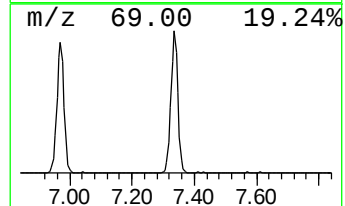
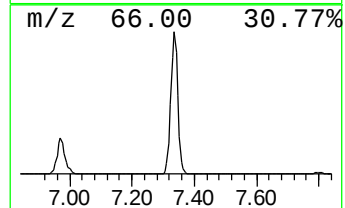
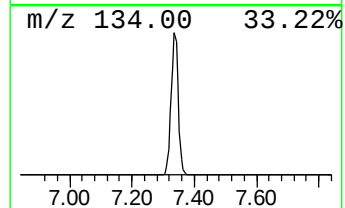
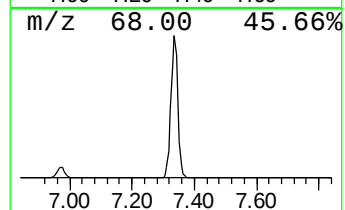
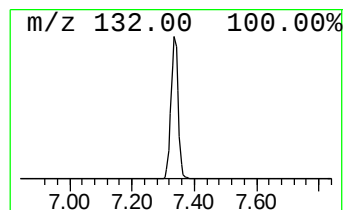
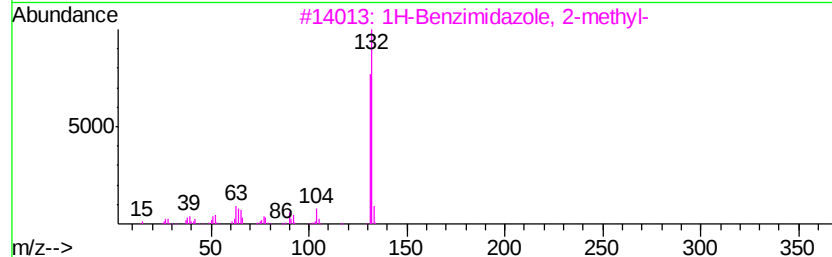
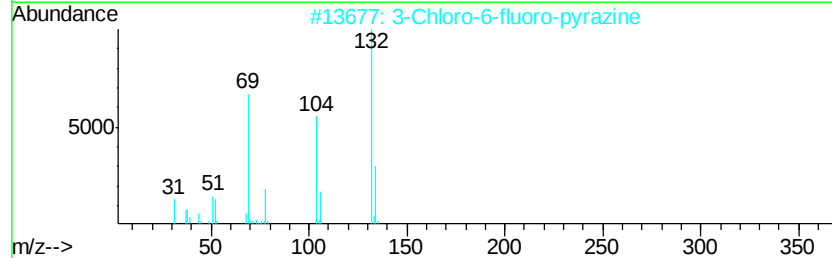
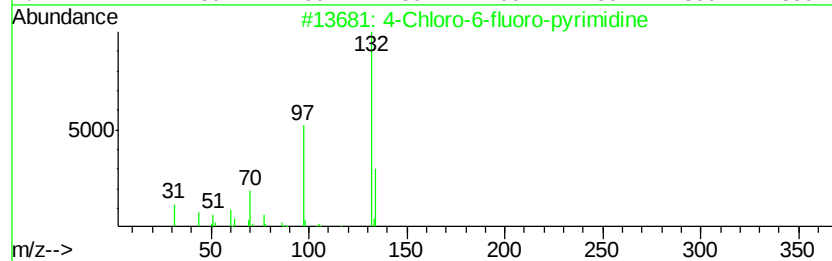
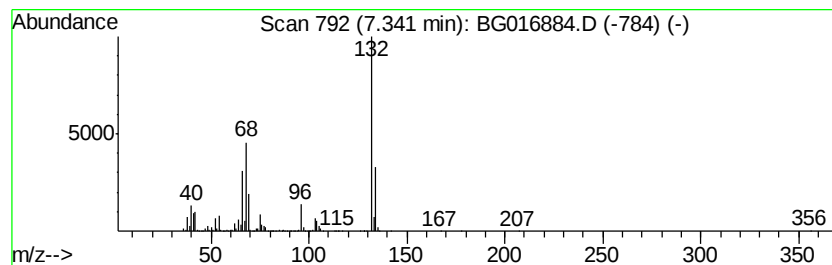
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	99.47 ng	2826530	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13



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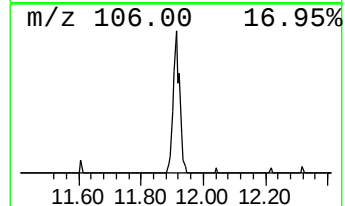
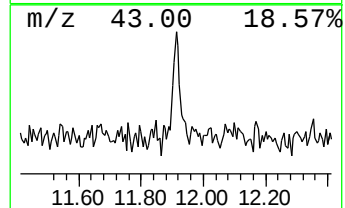
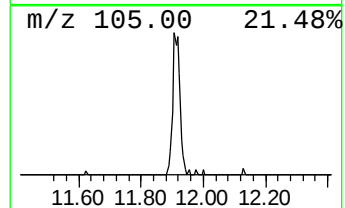
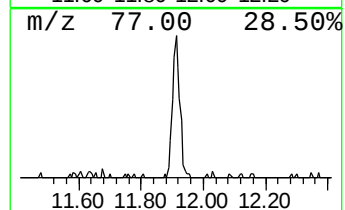
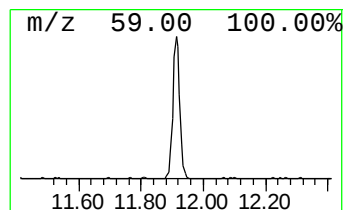
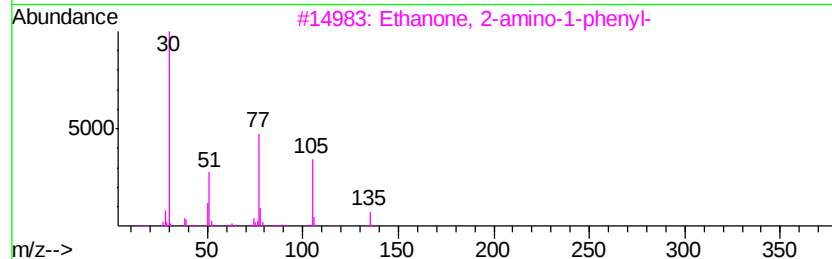
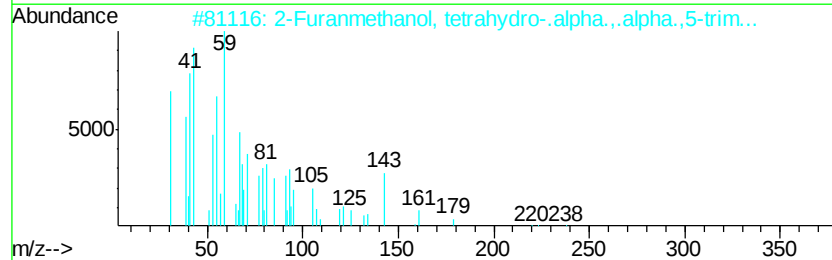
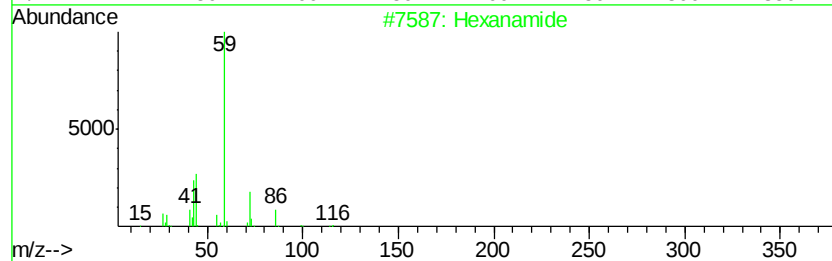
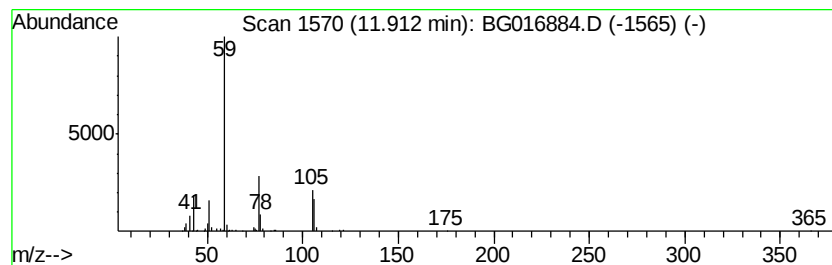
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.50 ng	102526	Naphthalene-d8	10.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanamide	115	C6H13NO	000628-02-4	37
2			2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	32
3			Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	10
4			Ethane, 1,1-dimethoxy-	90	C4H10O2	000534-15-6	9
5			Propanoic acid, 2-methoxy-, meth...	118	C5H10O3	017639-76-8	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
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Sample : G2114-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

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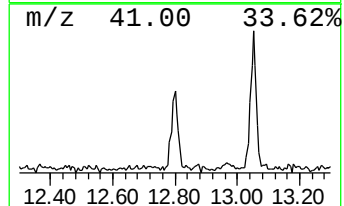
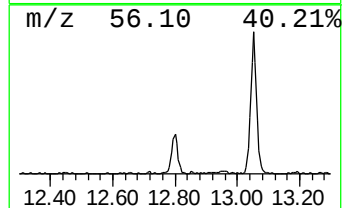
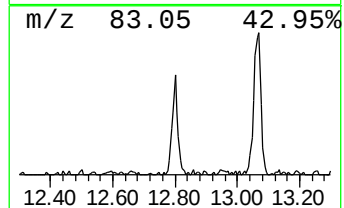
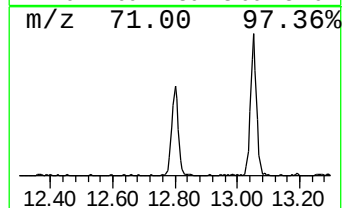
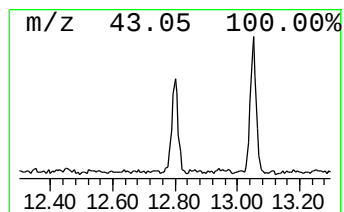
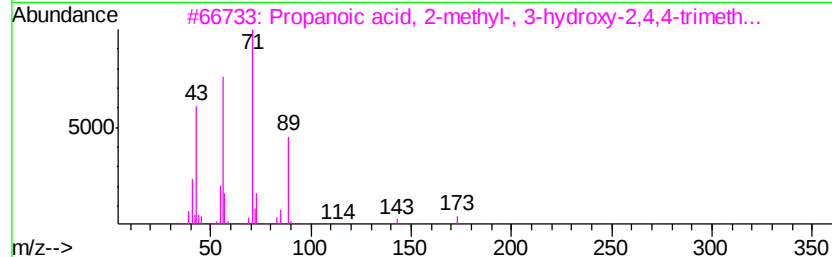
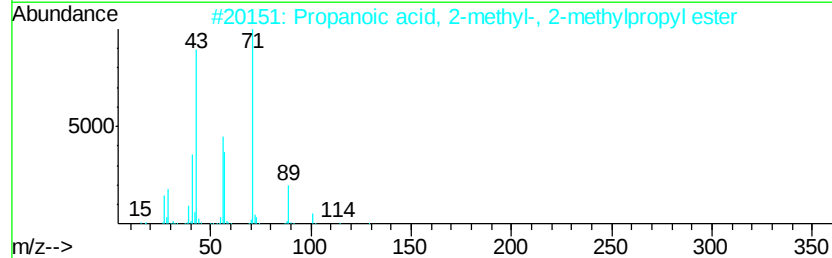
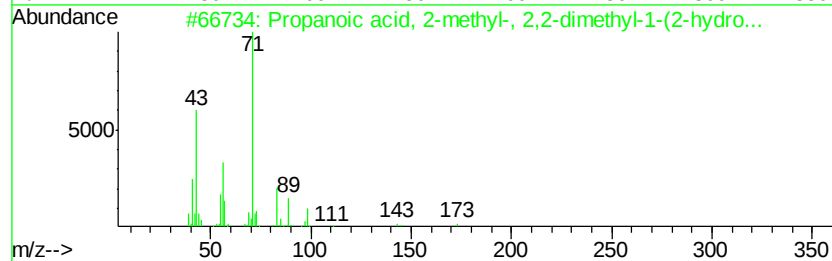
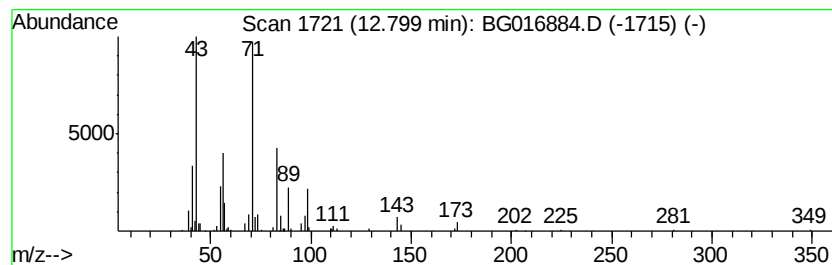
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.58 ng	146164	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	53
2			Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	47
3			Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	38
4			Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	38
5			Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	35



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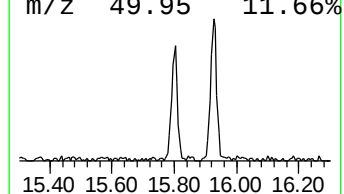
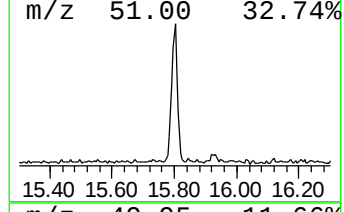
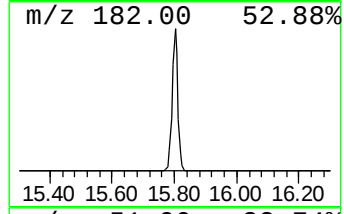
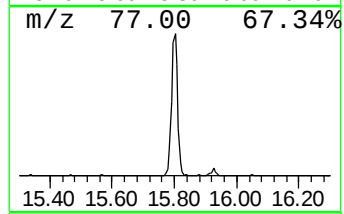
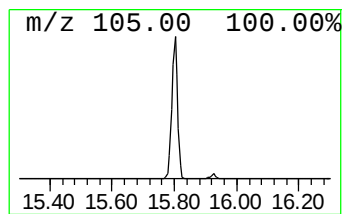
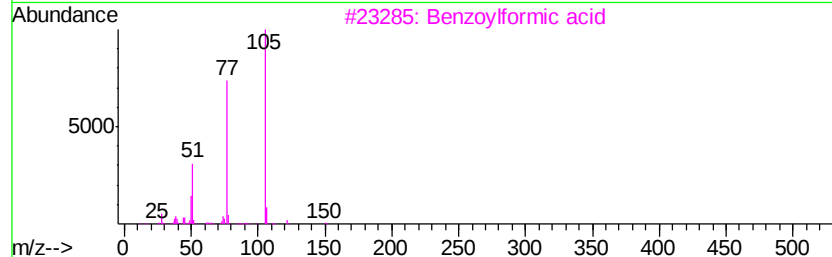
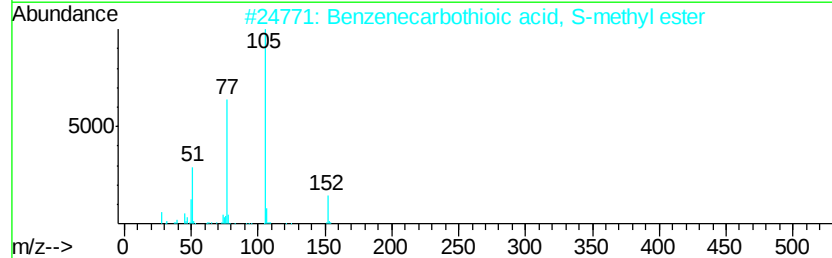
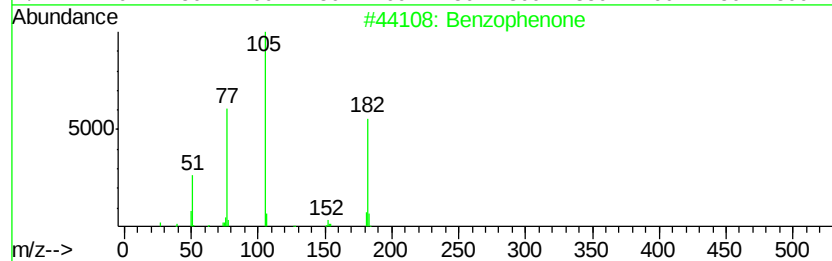
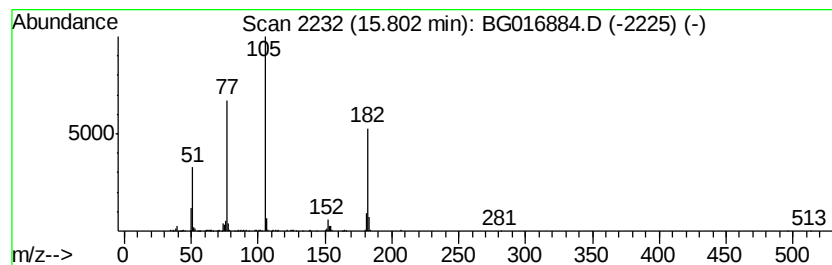
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	6.52 ng	369338	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Benzoylformic acid	150	C8H6O3	000611-73-4	46
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43
5			2-Pyrazoline-5-carbonitrile, 2-b...	199	C11H9N3O	067872-68-8	43



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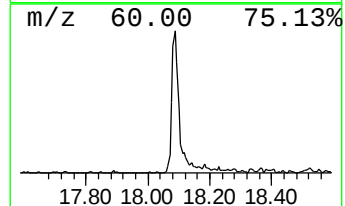
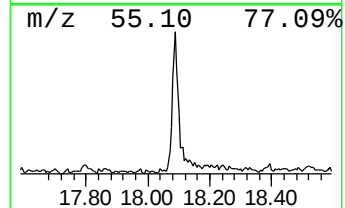
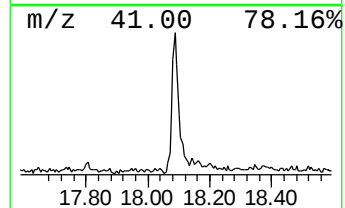
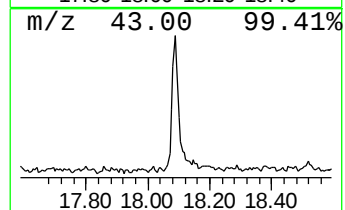
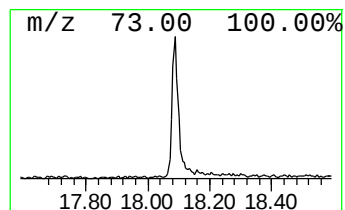
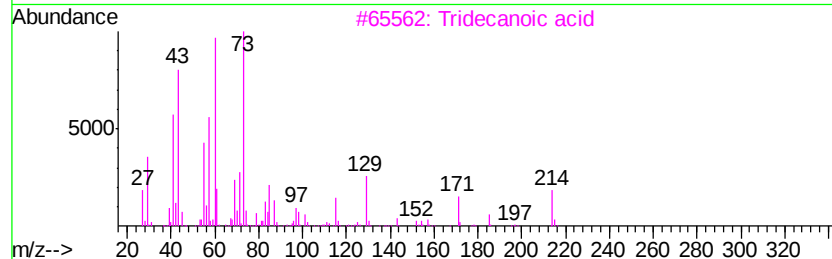
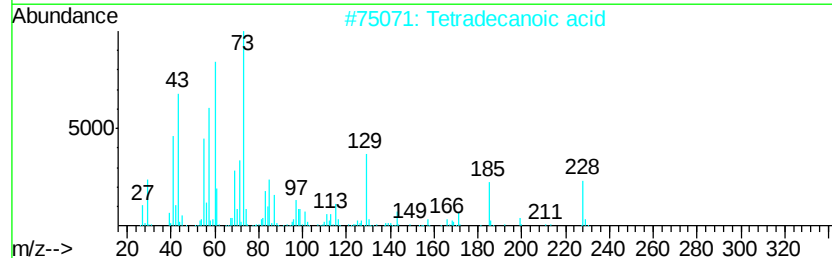
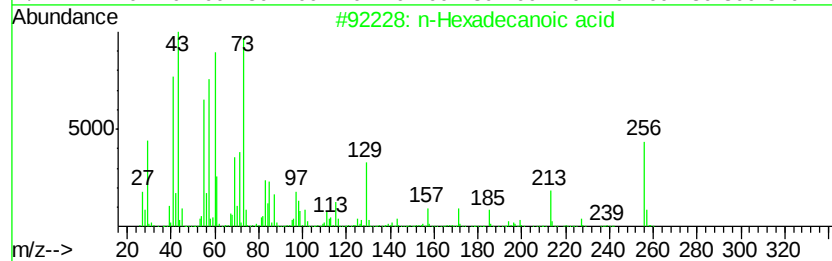
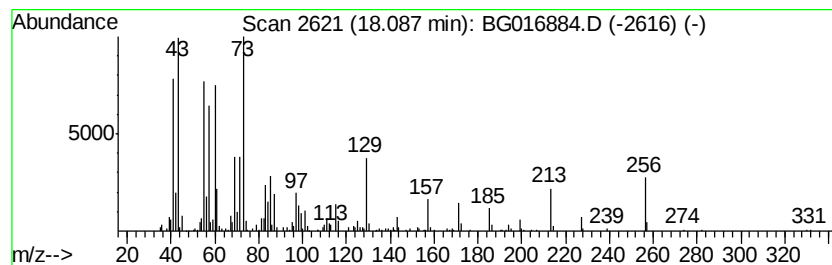
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.37 ng	447328	Phenanthrene-d10	17.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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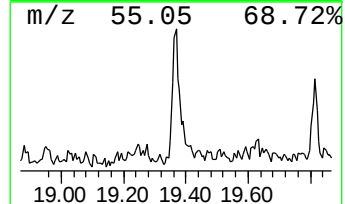
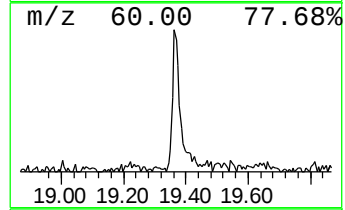
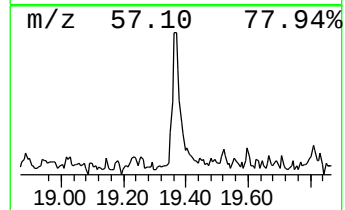
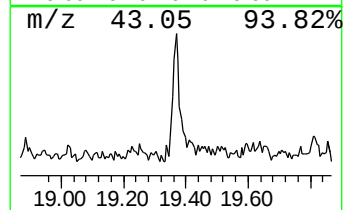
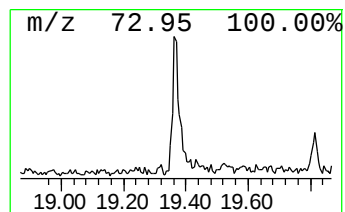
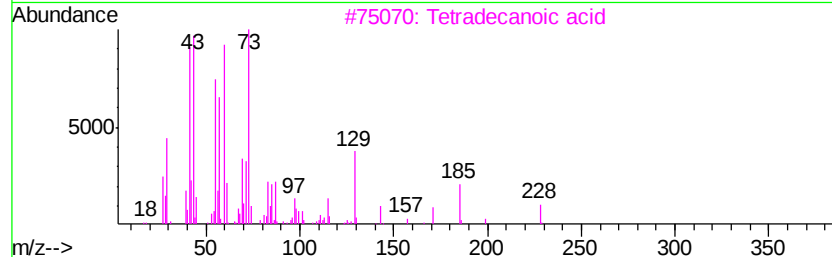
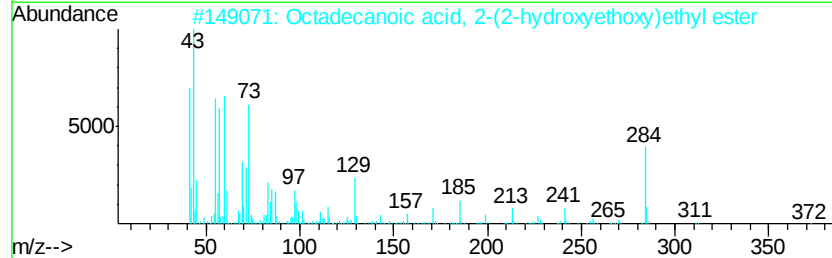
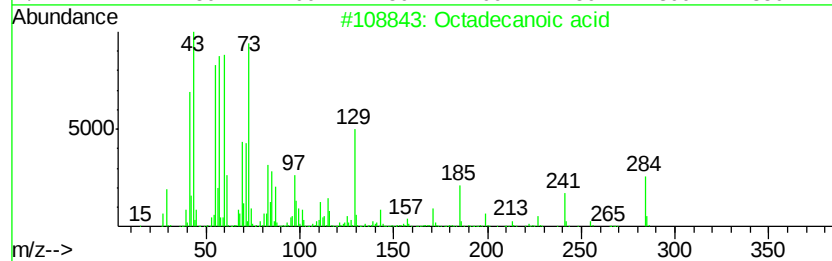
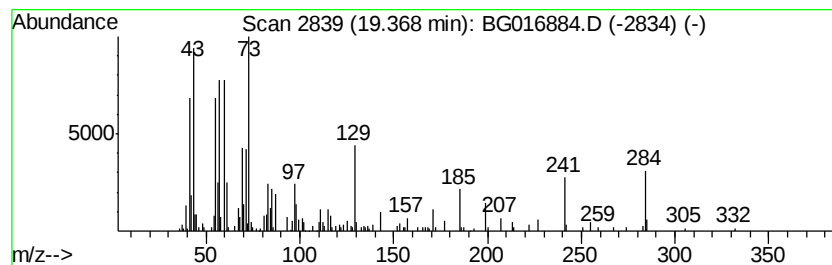
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.32 ng	181108	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016884.D
Acq On : 6 May 2015 3:47
Operator : TP/IZ
Sample : G2114-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-5(12-18)

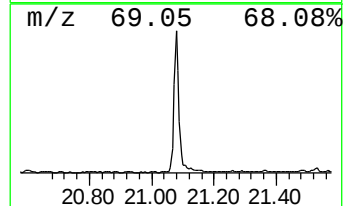
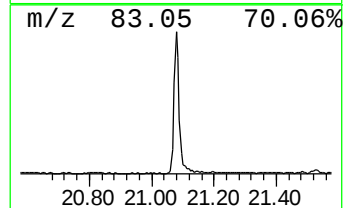
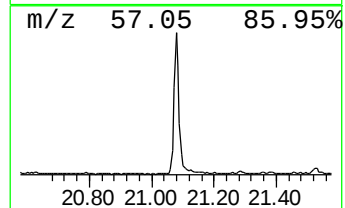
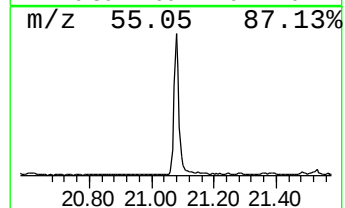
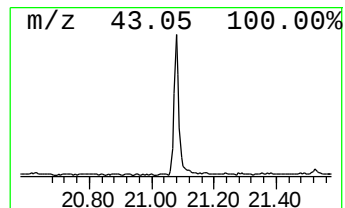
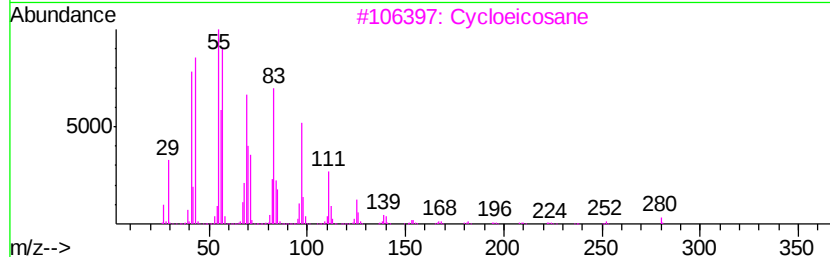
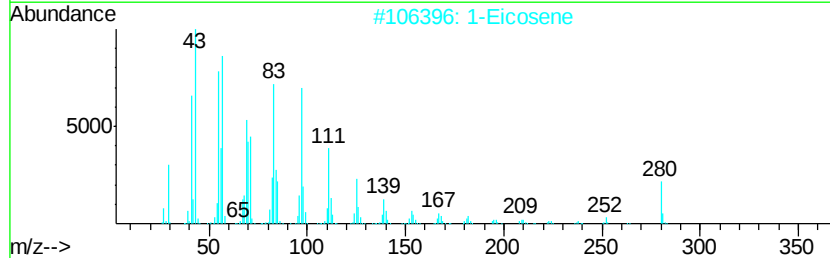
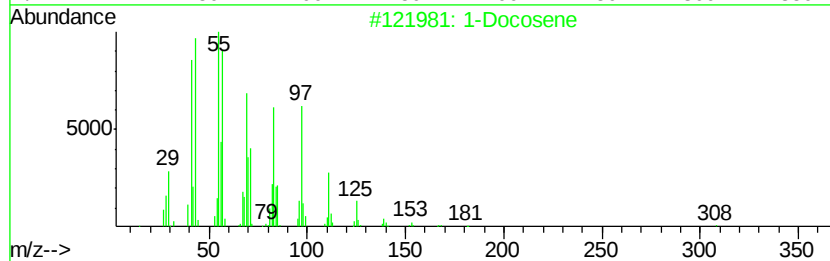
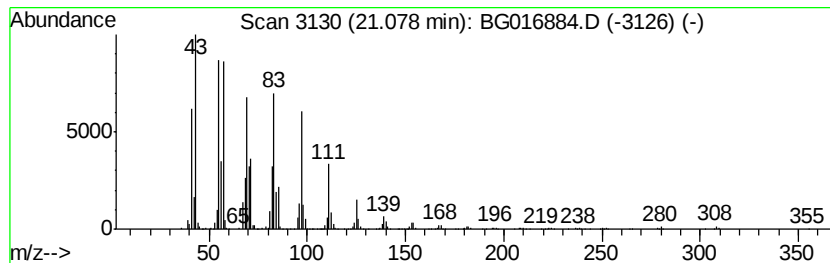
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	17.91 ng	1398000	Chrysene-d12	21.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	99
2			1-Eicosene	280	C20H40	003452-07-1	96
3			Cycloeicosane	280	C20H40	000296-56-0	93
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016884.D
Acq On : 6 May 2015 3:47
Operator : TP/IZ
Sample : G2114-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GRID-5(12-18)

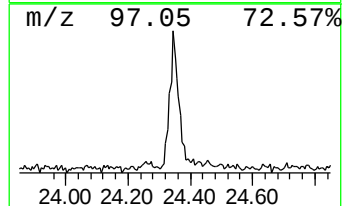
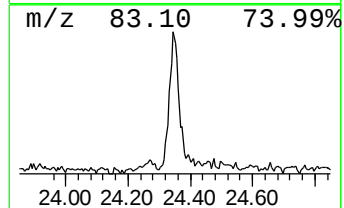
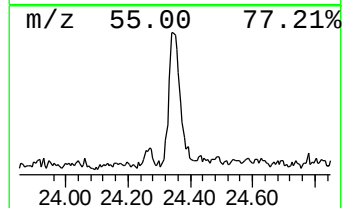
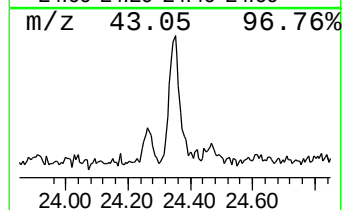
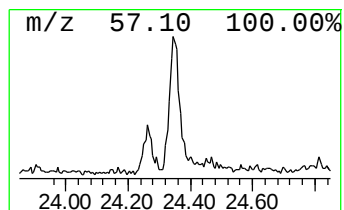
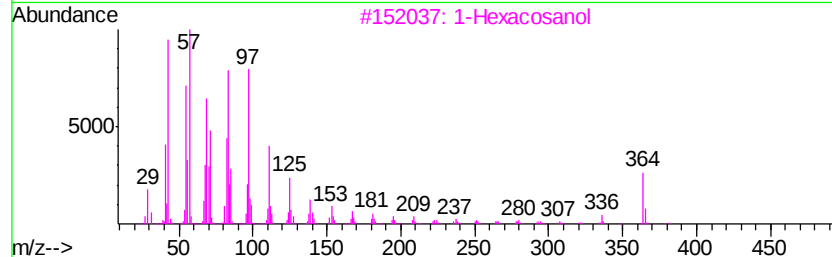
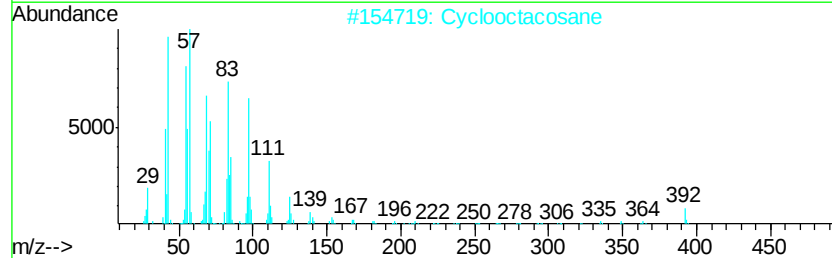
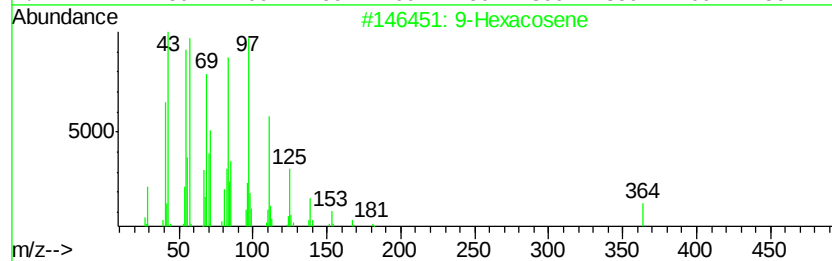
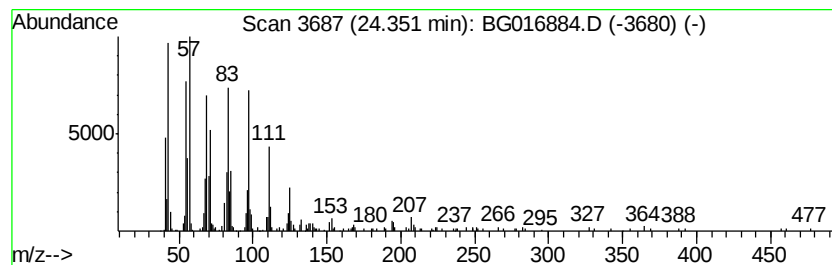
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Hexacosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	5.08 ng	374343	Perylene-d12	23.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Hexacosene	364	C26H52	071502-22-2	96
2			Cyclooctacosane	392	C28H56	000297-24-5	95
3			1-Hexacosanol	382	C26H54O	000506-52-5	91
4			1-Docosanethiol	342	C22H46S	007773-83-3	91
5			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91



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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GRID-5(12-18)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
unknown2.79	2.79	311.7	ng	8858130	1	7.81	568333	20.0
Butane, 2-methoxy...	3.00	11.4	ng	323653	1	7.81	568333	20.0
unknown3.05	3.05	5.3	ng	151851	1	7.81	568333	20.0
R-(-)-1,2-propane...	3.53	3.2	ng	90858	1	7.81	568333	20.0
2-Pentanone, 4-hy...	4.93	10.3	ng	293703	1	7.81	568333	20.0
Ethanol, 2-(2-met...	6.32	3.4	ng	97540	1	7.81	568333	20.0
unknown7.34	7.34	99.5	ng	2826530	1	7.81	568333	20.0
unknown11.91	11.91	2.5	ng	102526	2	10.60	819684	20.0
Propanoic acid, 2...	12.80	2.6	ng	146164	3	14.44	1132860	20.0
Benzophenone	15.80	6.5	ng	369338	3	14.44	1132860	20.0
n-Hexadecanoic acid	18.09	6.4	ng	447328	4	17.18	1404400	20.0
Octadecanoic acid	19.37	2.3	ng	181108	5	21.36	1561510	20.0
1-Docosene	21.08	17.9	ng	1398000	5	21.36	1561510	20.0
9-Hexacosene	24.35	5.1	ng	374343	6	23.67	1473490	20.0