

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084011.D
 Acq On : 23 Dec 2015 1:57
 Operator : UM/SJ
 Sample : G4916-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP223BRV93

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_F\METHODS\8270-BF122215.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	5.001	253	255	262	rBB	85702	92286	5.38%	0.792%
2	5.436	291	293	296	rBV	377937	494212	28.82%	4.243%
3	6.476	382	384	386	rBV	258678	294217	17.16%	2.526%
4	6.602	393	395	397	rBV	1114289	1002578	58.47%	8.608%
5	6.773	408	410	413	rBB	48235	47547	2.77%	0.408%
6	6.830	413	415	417	rBV	272993	275986	16.10%	2.369%
7	6.979	426	428	431	rBV	735484	944620	55.09%	8.110%
8	7.390	461	464	467	rBV	778224	738690	43.08%	6.342%
9	8.110	525	527	530	rBV	422637	371463	21.66%	3.189%
10	8.190	532	534	536	rBB	25318	31330	1.83%	0.269%
11	9.093	611	613	616	rBV	38185	32466	1.89%	0.279%
12	9.196	619	622	624	rBV	1242629	1631994	95.18%	14.012%
13	9.310	630	632	634	rVB	21856	21369	1.25%	0.183%
14	9.585	655	656	658	rVB	23149	17889	1.04%	0.154%
15	9.722	664	668	670	rBV2	25204	55384	3.23%	0.476%
16	9.790	670	674	678	rVV3	41314	93038	5.43%	0.799%
17	9.870	678	681	682	rVV	413613	459510	26.80%	3.945%
18	9.893	682	683	686	rVV2	38816	66410	3.87%	0.570%
19	10.168	704	707	709	rBV	245559	289911	16.91%	2.489%
20	10.305	715	719	720	rVB3	15084	24950	1.46%	0.214%
21	10.351	720	723	725	rBV2	16411	20374	1.19%	0.175%
22	10.385	725	726	733	rVB5	8202	28025	1.63%	0.241%
23	10.568	740	742	744	rVV	83892	93916	5.48%	0.806%
24	10.613	744	746	747	rVV2	24048	28269	1.65%	0.243%
25	10.659	747	750	752	rVV	979250	1028055	59.96%	8.826%
26	10.693	752	753	755	rVV	51682	42567	2.48%	0.365%
27	10.773	759	760	765	rVB2	17379	31159	1.82%	0.268%
28	10.899	769	771	773	rVV	16014	18260	1.06%	0.157%
29	10.933	773	774	778	rVB	29290	30916	1.80%	0.265%
30	11.208	795	798	803	rBV	48429	60033	3.50%	0.515%
31	11.356	808	811	813	rBV	404732	465633	27.16%	3.998%
32	11.631	832	835	838	rVB	42204	57232	3.34%	0.491%
33	11.688	838	840	844	rVB2	14175	18093	1.06%	0.155%
34	11.836	851	853	856	rBV3	22264	26824	1.56%	0.230%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	11.894	856	858	863	rVB4	18592	34899	2.04%	0.300%
36	12.934	946	949	952	rBV	1344354	1714579	100.00%	14.721%
37	13.837	1026	1028	1036	rBV	59237	81274	4.74%	0.698%
38	13.985	1039	1041	1044	rVV2	375610	474875	27.70%	4.077%
39	14.614	1094	1096	1099	rVB	60221	56725	3.31%	0.487%
40	15.414	1164	1166	1173	rBV	227777	349913	20.41%	3.004%

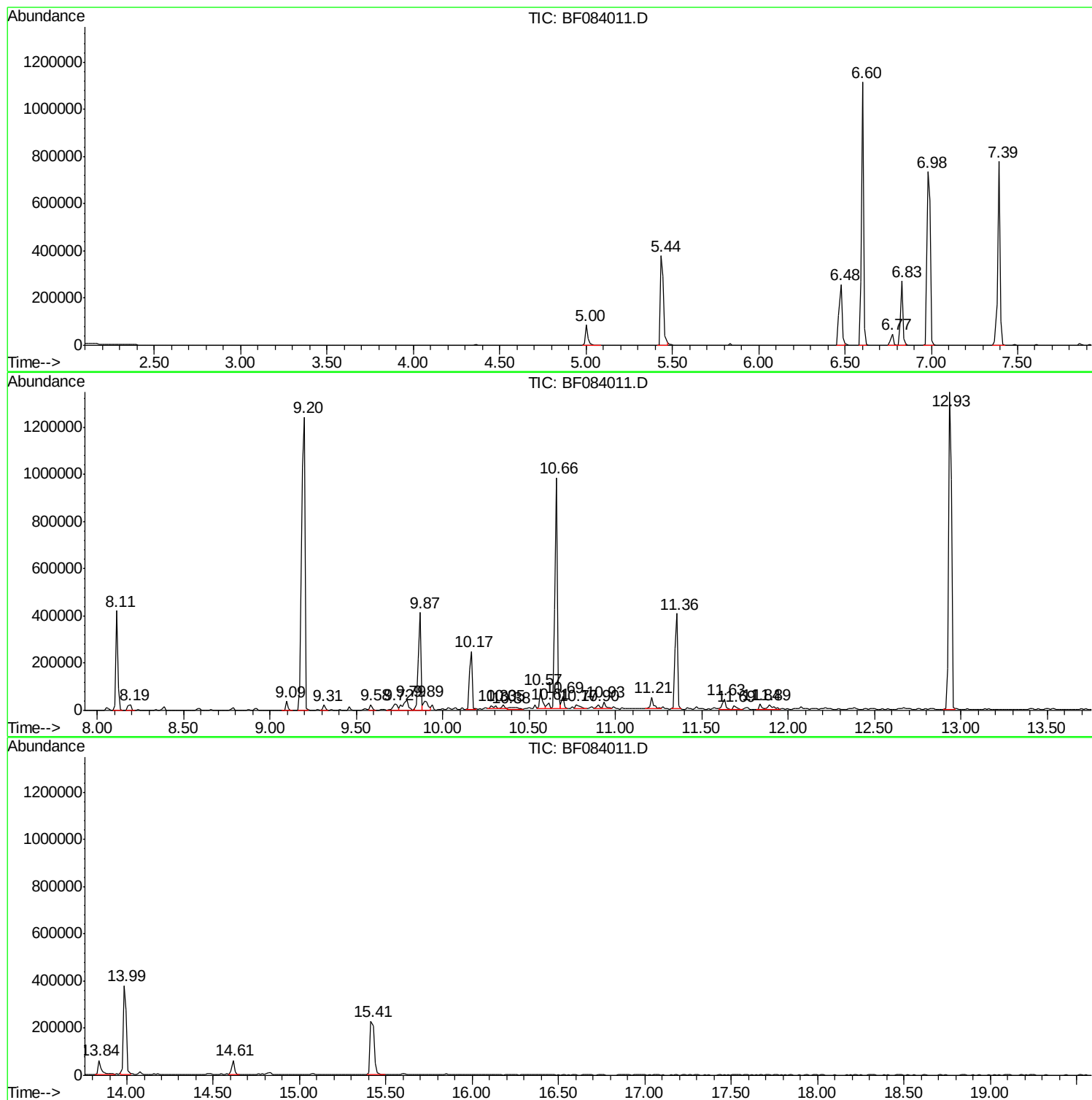
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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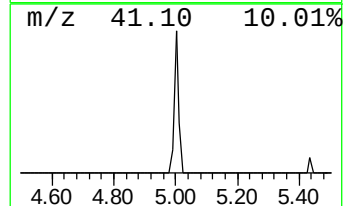
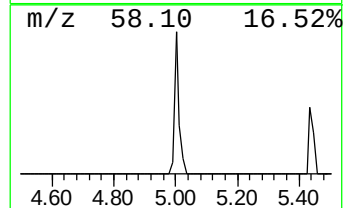
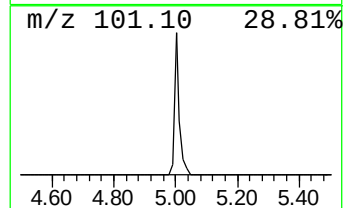
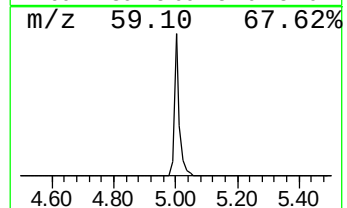
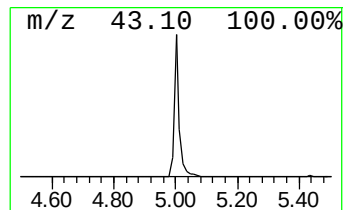
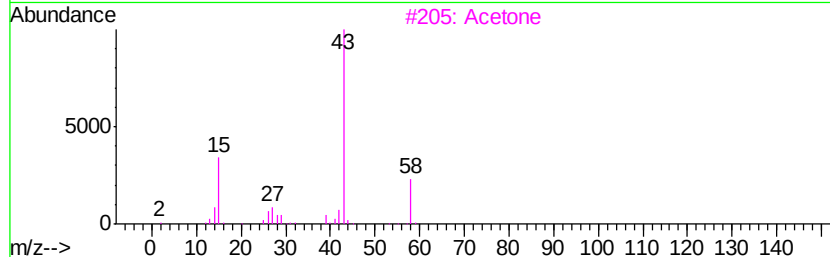
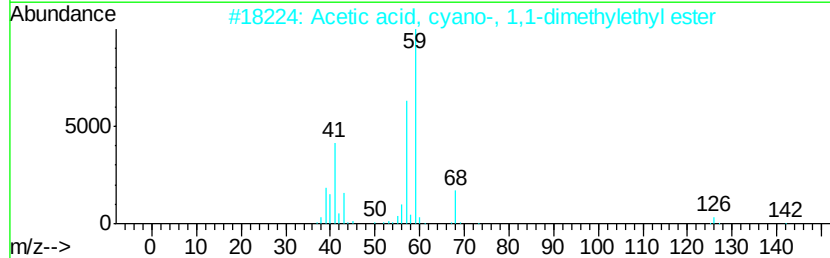
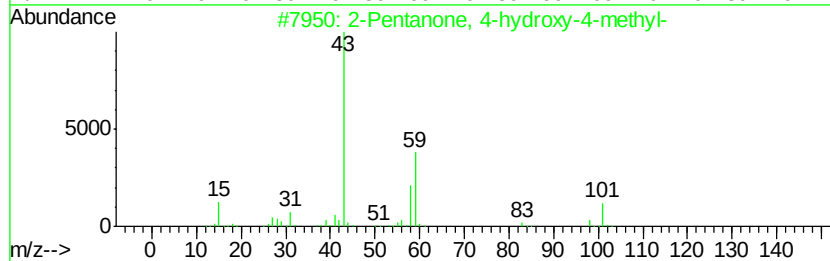
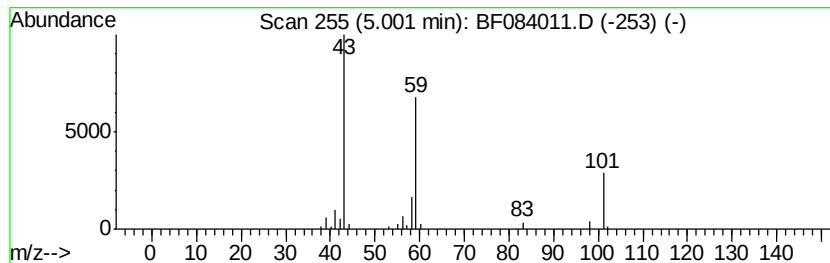
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.69 ng	92286	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			Acetone	58	C3H6O	000067-64-1	10
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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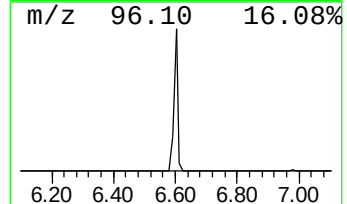
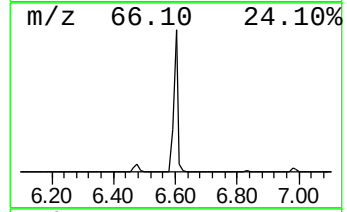
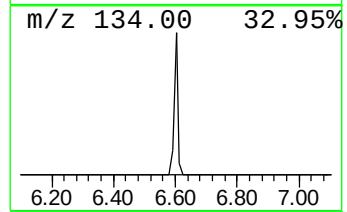
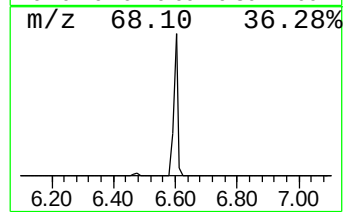
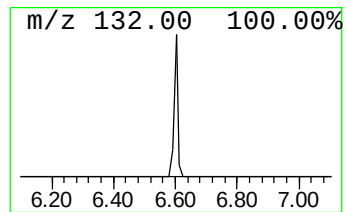
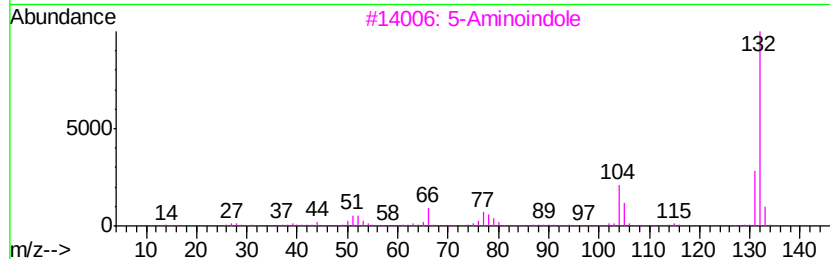
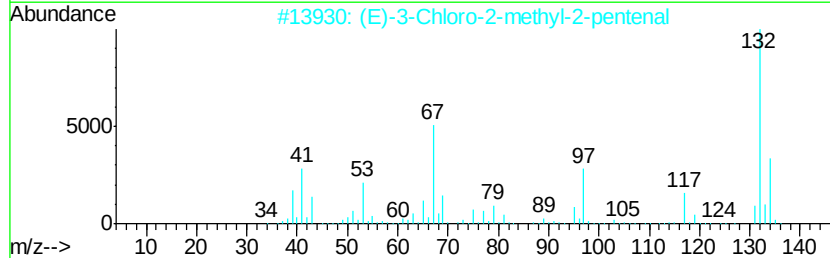
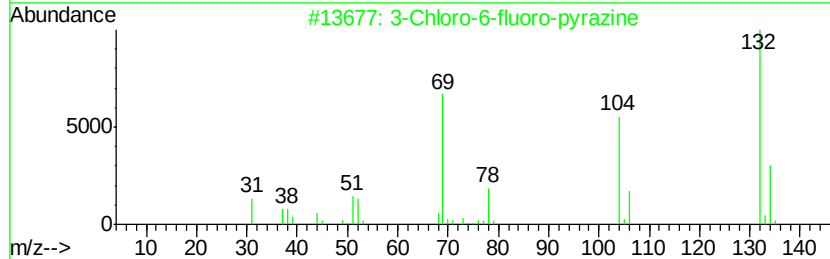
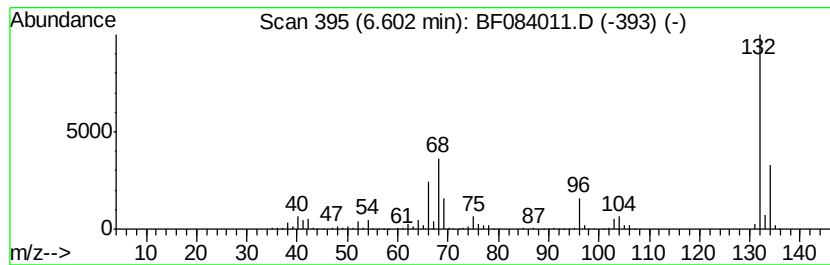
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	72.65 ng	1002580	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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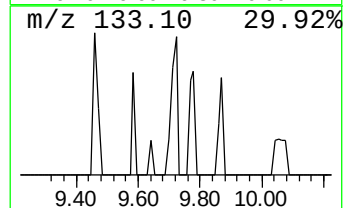
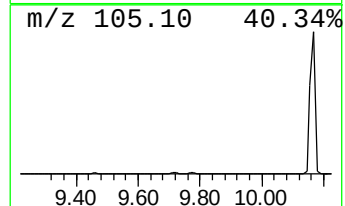
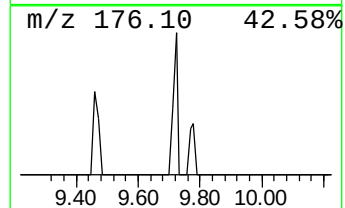
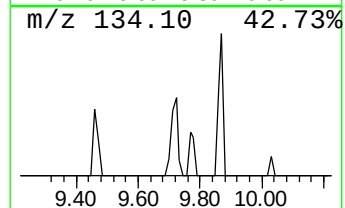
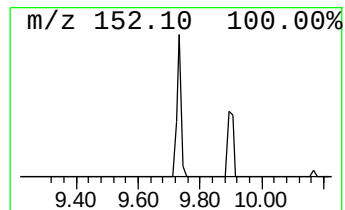
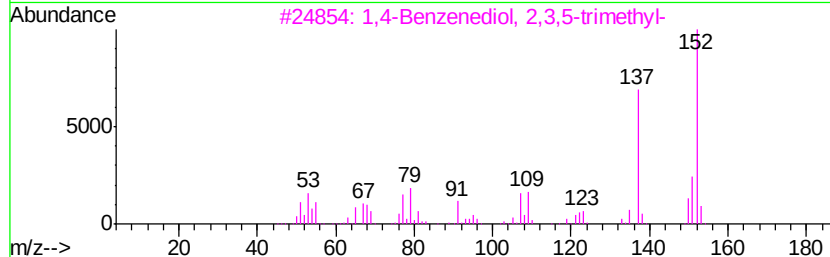
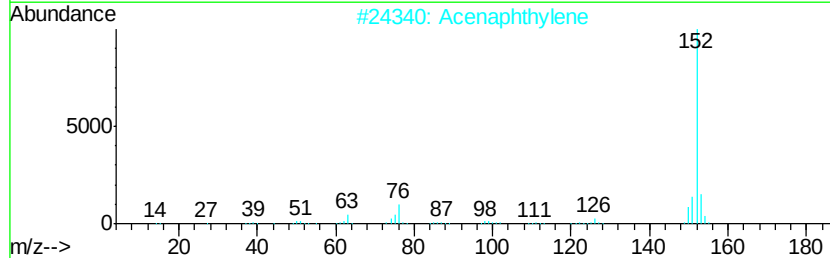
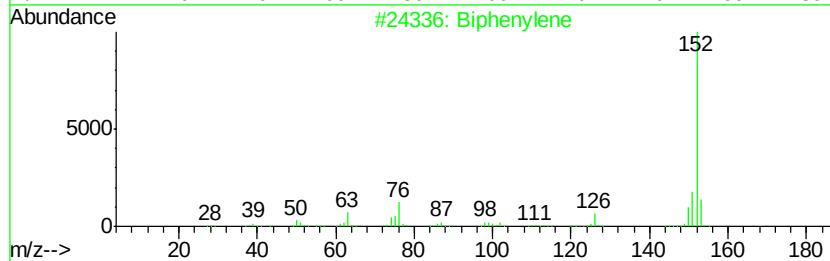
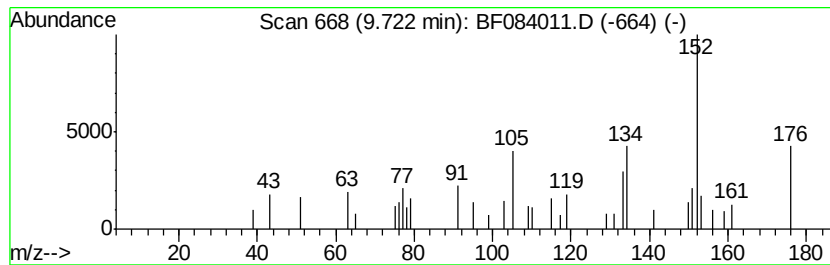
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown9.72 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.41 ng	55384	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	38
2		Acenaphthylene	152	C12H8	000208-96-8	27
3		1,4-Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	16
4		2,6-Dimethoxytoluene	152	C9H12O2	005673-07-4	16
5		1,2,4-Triazole, 3-trifluoromethy...	152	C3H3F3N4	025979-00-4	16



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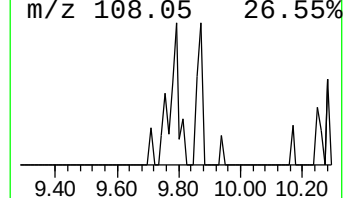
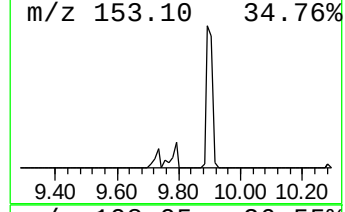
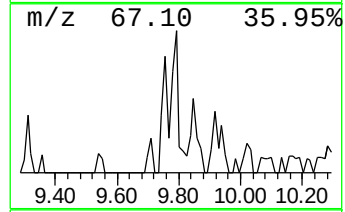
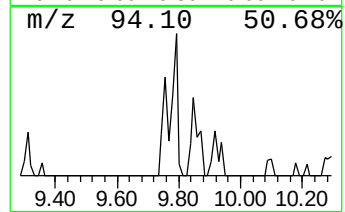
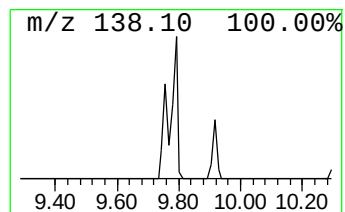
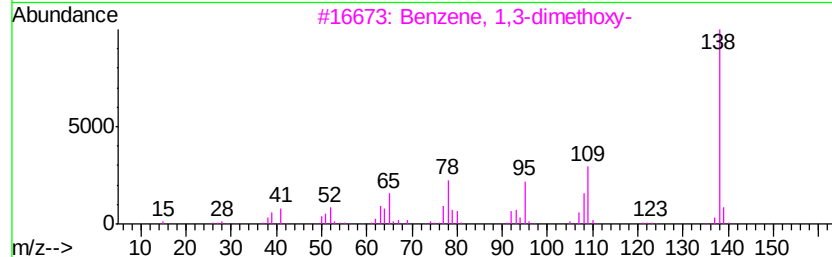
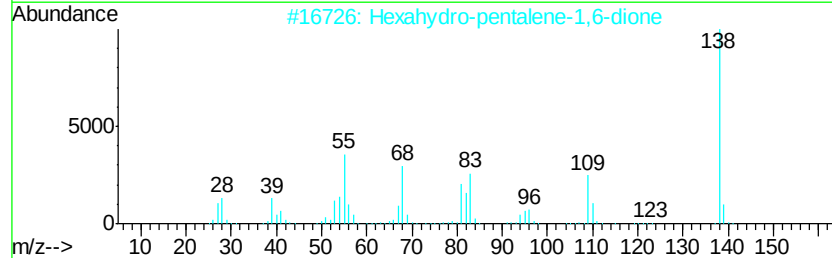
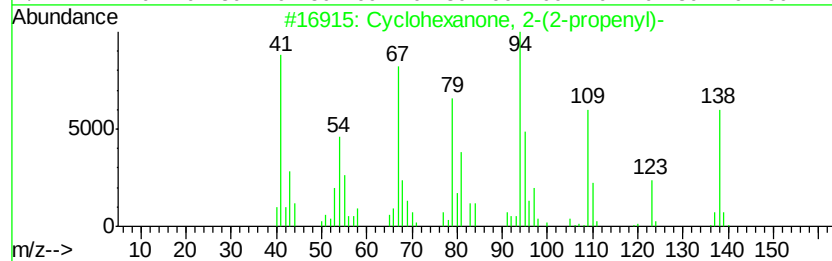
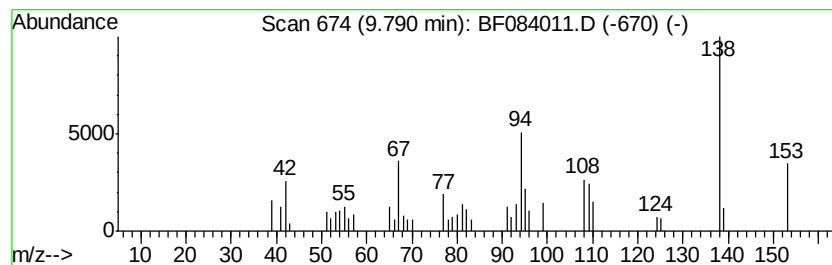
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexanone, 2-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.05 ng	93038	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-(2-propenyl)-	138	C9H14O	000094-66-6	52
2		Hexahydro-pentalene-1,6-dione	138	C8H10O2	090953-74-5	49
3		Benzene, 1,3-dimethoxy-	138	C8H10O2	000151-10-0	49
4		Bicyclo[3.3.1]nonan-2-one	138	C9H14O	002568-17-4	47
5		2-Furaldehyde dimethyl hydrazone	138	C7H10N2O	014064-21-2	46



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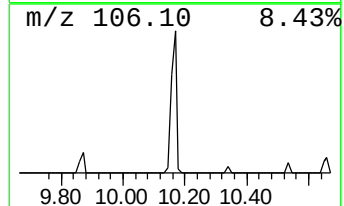
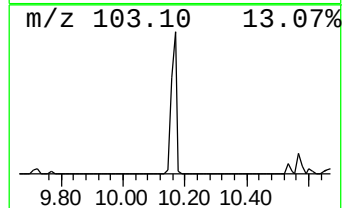
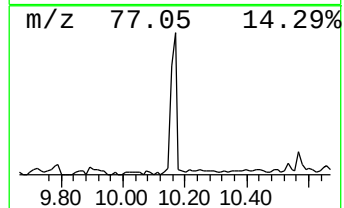
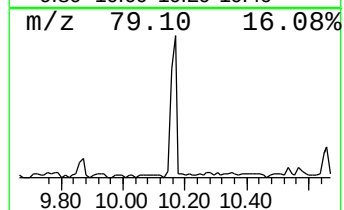
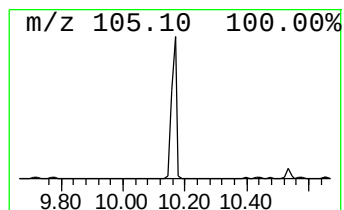
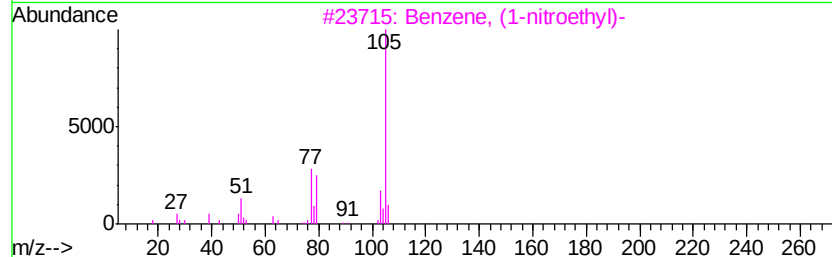
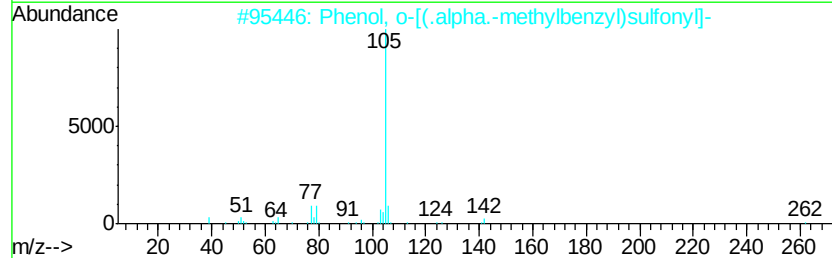
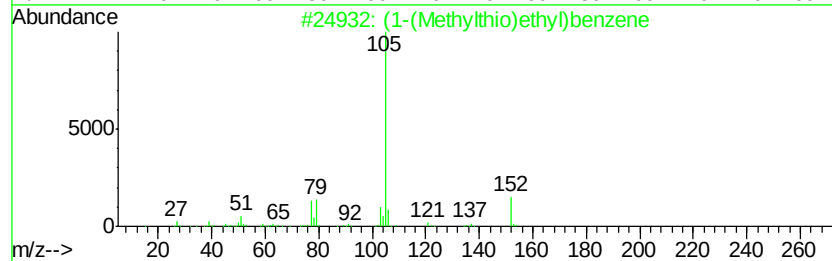
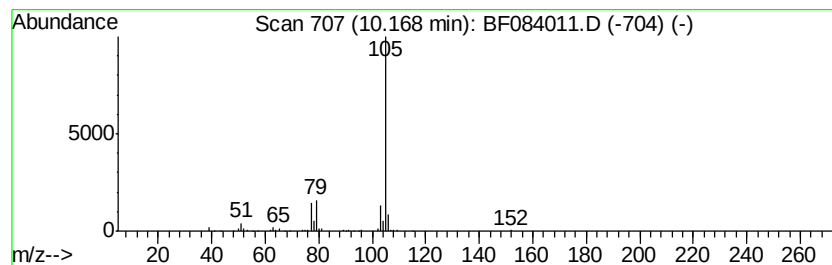
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TIC Integration Parameters: LSCINT.P

Peak Number 6 (1-(Methylthio)ethyl)benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	12.62 ng	289911	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-(Methylthio)ethyl)benzene	152	C9H12S	013125-70-7	78
2		Phenol, o-[(.alpha.-methylbenzyl)...]	262	C14H14O3S	029634-38-6	78
3		Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	78
4		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	78
5		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084011.D
Acq On : 23 Dec 2015 1:57
Operator : UM/SJ
Sample : G4916-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP223BRV93

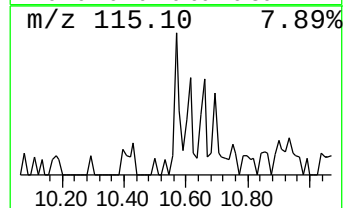
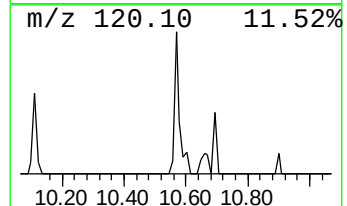
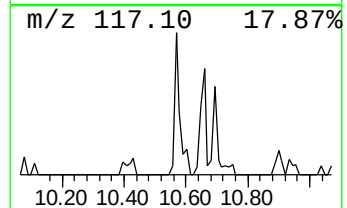
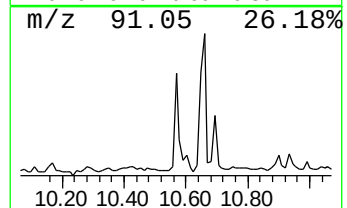
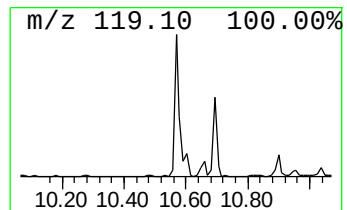
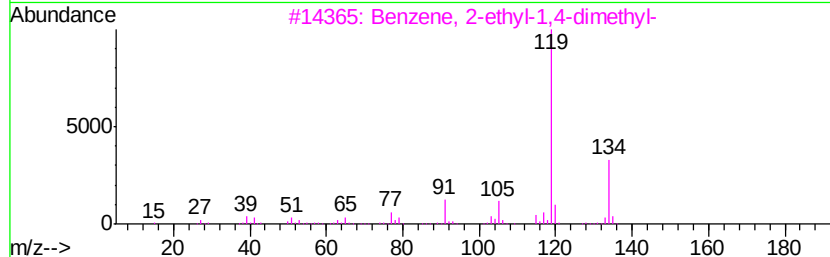
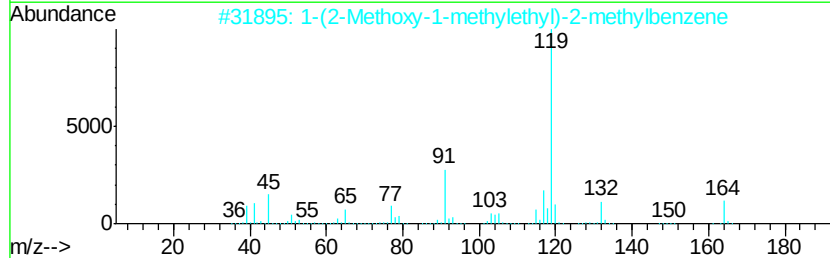
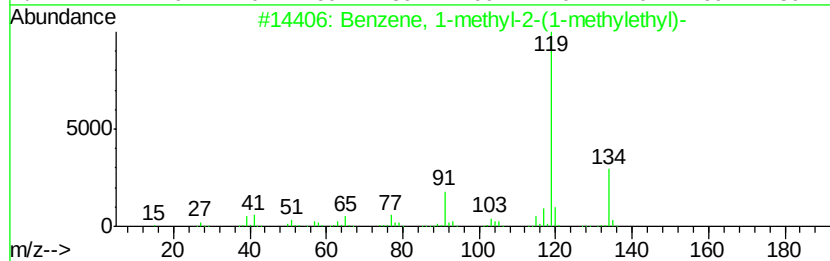
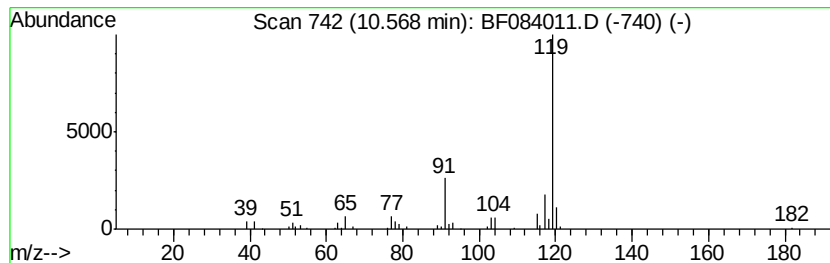
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	4.09 ng	93916	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
2		1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	83
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	78
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	78
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084011.D
Acq On : 23 Dec 2015 1:57
Operator : UM/SJ
Sample : G4916-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP223BRV93

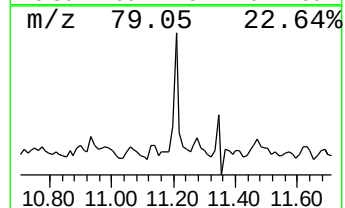
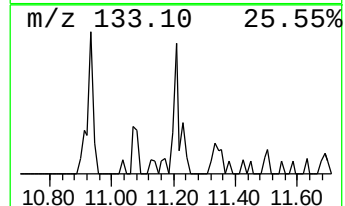
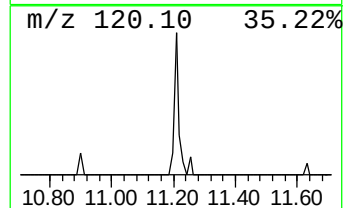
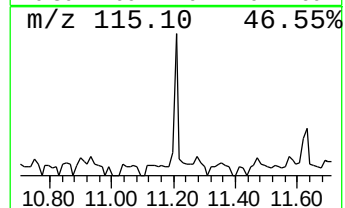
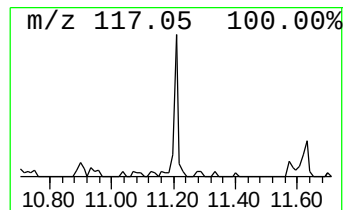
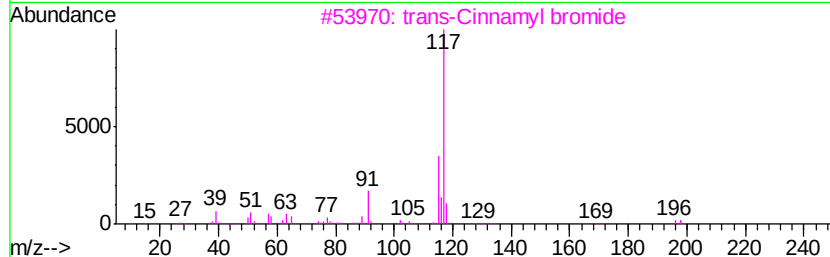
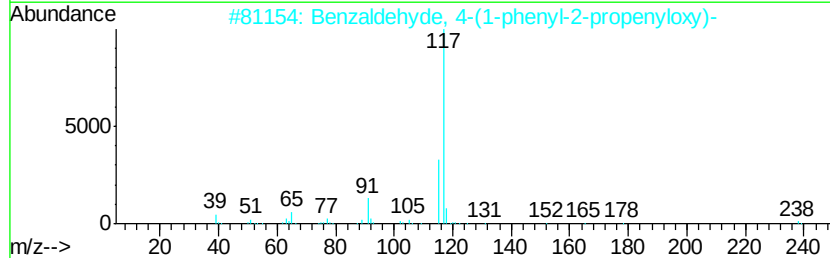
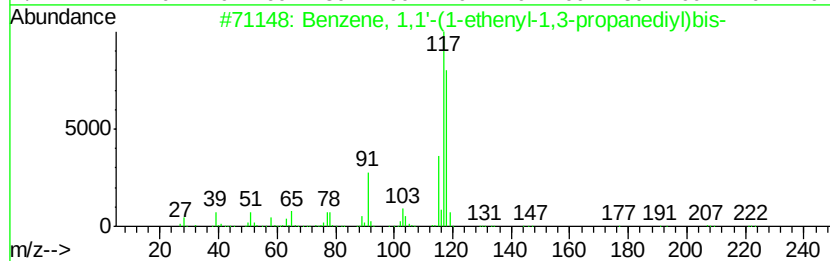
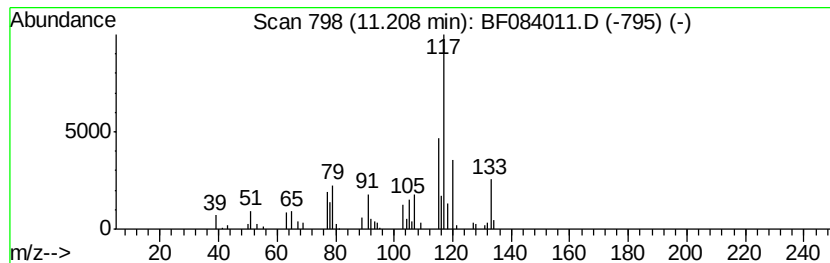
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	2.58 ng	60033	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	47
2		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	43
3		trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	43
4		1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	43
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084011.D
Acq On : 23 Dec 2015 1:57
Operator : UM/SJ
Sample : G4916-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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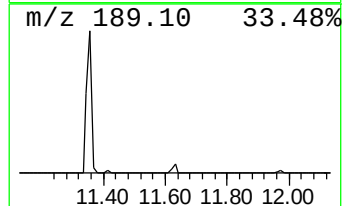
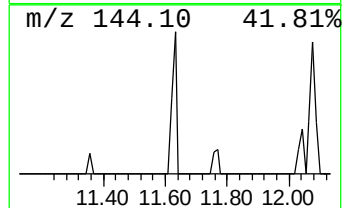
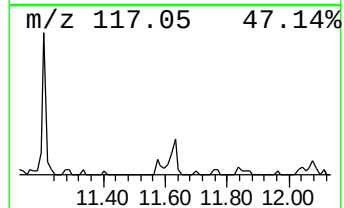
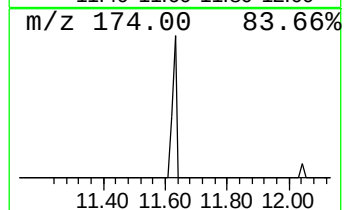
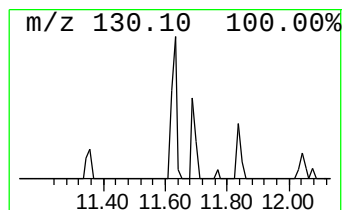
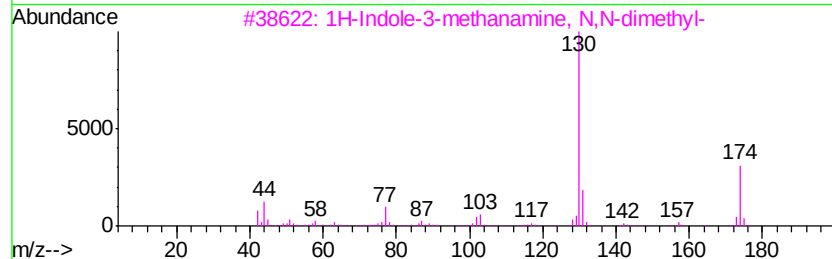
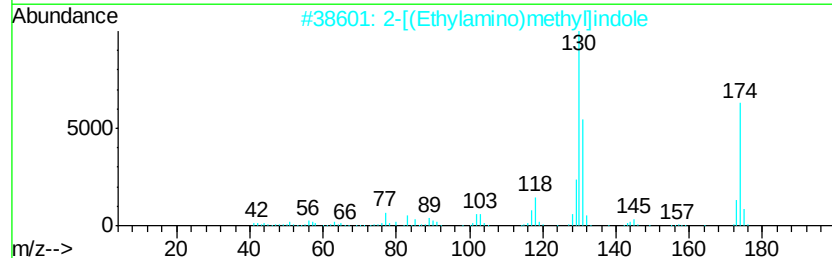
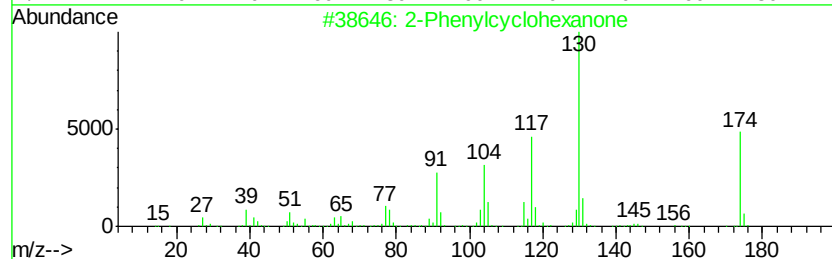
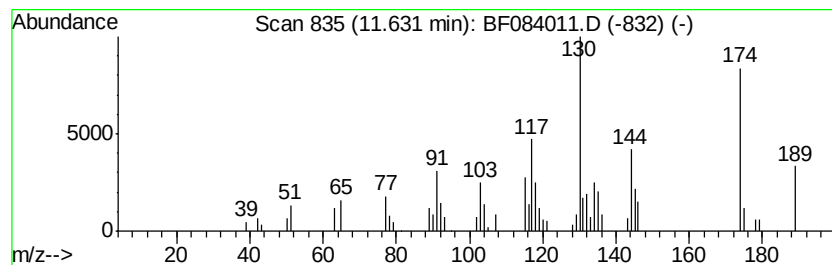
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	2.46 ng	57232	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylcyclohexanone	174	C12H14O	001444-65-1	46
2		2-[(Ethylamino)methyl]indole	174	C11H14N2	099840-48-9	43
3		1H-Indole-3-methanamine, N,N-dim...	174	C11H14N2	000087-52-5	35
4		6-Indolizinecarboxamide, 2-methyl-	174	C10H10N2O	022380-20-7	35
5		Benzo [f]-1,5-diazabicyclo[3.2.2...	174	C11H14N2	007092-76-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084011.D
Acq On : 23 Dec 2015 1:57
Operator : UM/SJ
Sample : G4916-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP223BRV93

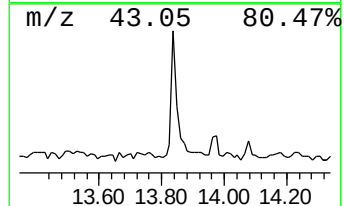
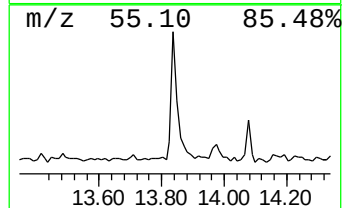
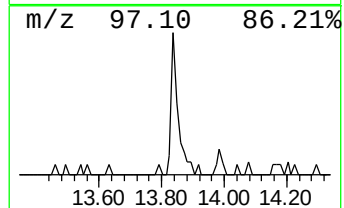
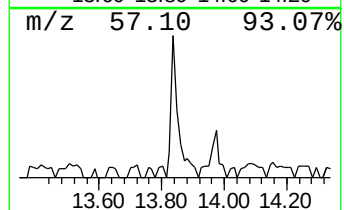
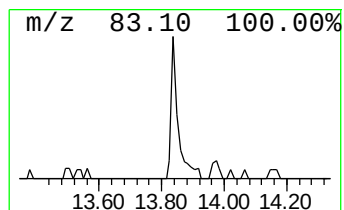
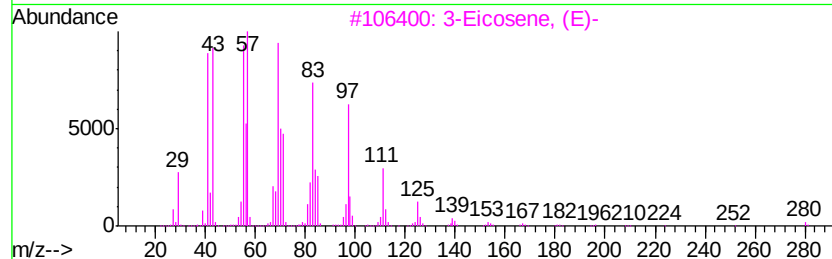
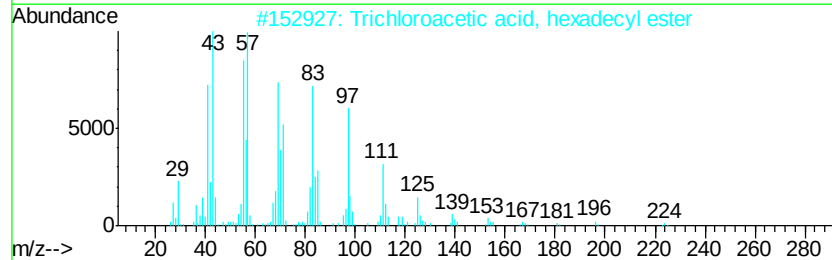
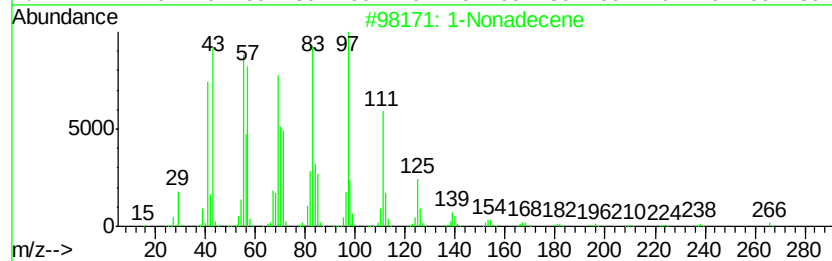
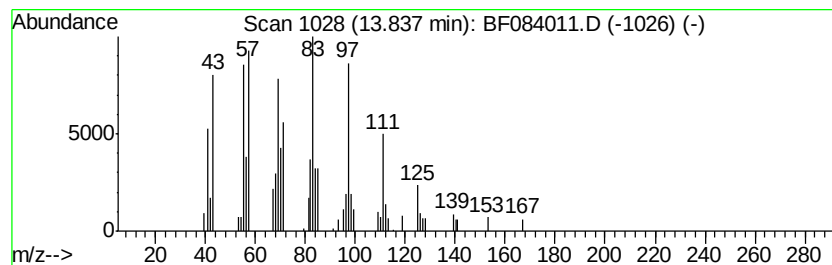
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.42 ng	81274	Chrysene-d12	13.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	94
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084011.D
Acq On : 23 Dec 2015 1:57
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Sample : G4916-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20151214MGP223BRV93

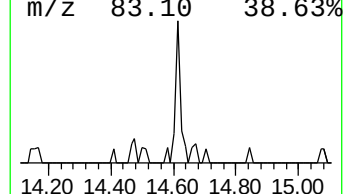
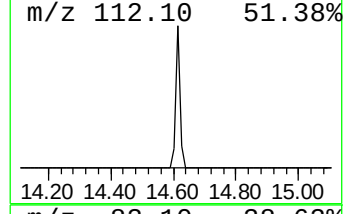
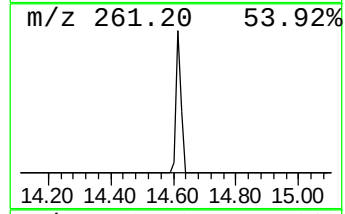
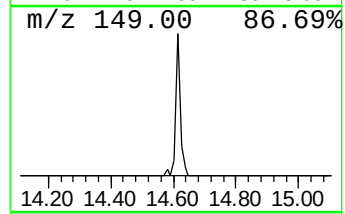
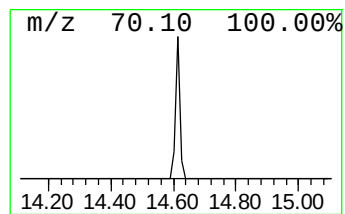
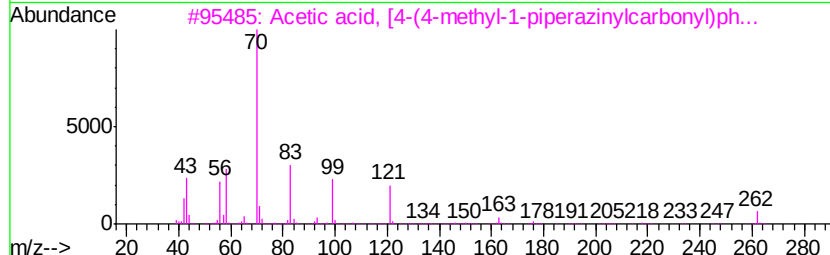
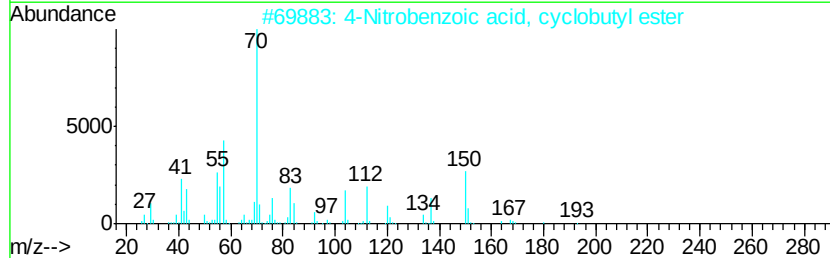
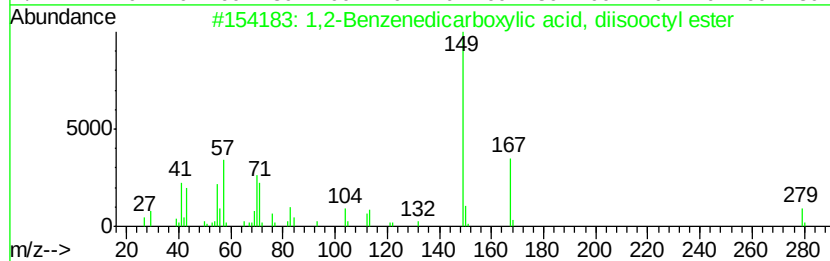
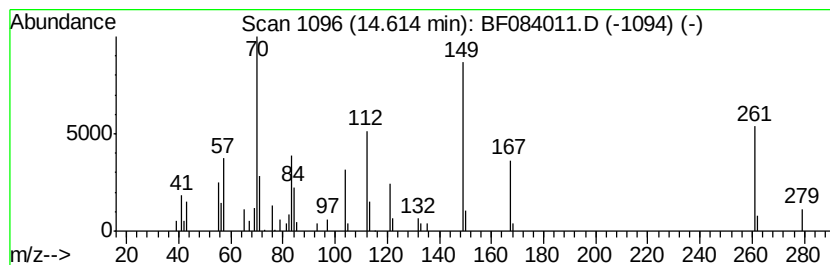
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.61 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.39 ng	56725	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	30
2		4-Nitrobenzoic acid, cyclobutyl ...	221	C11H11NO4	070335-00-1	27
3		Acetic acid, [4-(4-methyl-1-pipe...	262	C14H18N2O3	346699-90-9	22
4		9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	16
5		9-t-Butyltricyclo[4.2.1.1(2,5)]d...	224	C14H24O2	1000186-30-2	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
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Acq On : 23 Dec 2015 1:57
Operator : UM/SJ
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20151214MGP223BRV93

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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
2-Pentanone, 4-hy...	5.00	6.7	ng	92286	1	6.83	275986	20.0
unknown6.60	6.60	72.7	ng	1002580	1	6.83	275986	20.0
unknown9.72	9.72	2.4	ng	55384	3	9.87	459510	20.0
Cyclohexanone, 2-...	9.79	4.0	ng	93038	3	9.87	459510	20.0
(1-(Methylthio)et...	10.17	12.6	ng	289911	3	9.87	459510	20.0
Benzene, 1-methyl...	10.57	4.1	ng	93916	3	9.87	459510	20.0
unknown11.21	11.21	2.6	ng	60033	4	11.36	465633	20.0
unknown11.63	11.63	2.5	ng	57232	4	11.36	465633	20.0
1-Nonadecene	13.84	3.4	ng	81274	5	13.99	474875	20.0
unknown14.61	14.61	2.4	ng	56725	5	13.99	474875	20.0