

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
 Data File : BF076804.D
 Acq On : 10 Jan 2015 1:40
 Operator : IZ / TP
 Sample : G1052-05
 Misc : W DOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

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-BF010915.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	1.407	27	28	34	rBV	56028	96686	6.88%	0.551%
2	1.487	34	35	52	rVV	582267	1004363	71.48%	5.727%
3	1.704	52	54	59	rVB	21163	32580	2.32%	0.186%
4	4.253	274	277	285	rBB	29380	64333	4.58%	0.367%
5	5.167	354	357	367	rBB	161565	321522	22.88%	1.833%
6	6.059	427	435	439	rBB2	13292	30381	2.16%	0.173%
7	7.487	558	560	565	rBV	106778	175021	12.46%	0.998%
8	7.579	565	568	574	rVB	416680	693971	49.39%	3.957%
9	8.082	609	612	616	rVB	115427	177027	12.60%	1.009%
10	8.162	616	619	623	rBB	17576	29732	2.12%	0.170%
11	8.402	637	640	647	rBV	441060	719030	51.17%	4.100%
12	8.585	653	656	660	rBV	96654	160871	11.45%	0.917%
13	8.882	680	682	689	rVB2	14681	32991	2.35%	0.188%
14	9.111	696	702	706	rBV	54232	104203	7.42%	0.594%
15	9.282	715	717	722	rVB	58278	100999	7.19%	0.576%
16	9.373	722	725	728	rBV	354953	586981	41.77%	3.347%
17	9.499	733	736	738	rVV	31064	43081	3.07%	0.246%
18	9.545	738	740	743	rVV3	19736	41658	2.96%	0.238%
19	9.659	747	750	751	rVV	44639	94105	6.70%	0.537%
20	9.705	752	754	757	rVV2	51237	81212	5.78%	0.463%
21	9.888	762	770	775	rBV4	30351	115034	8.19%	0.656%
22	10.093	784	788	794	rVB4	52273	147790	10.52%	0.843%
23	10.345	804	810	814	rVB5	36496	132813	9.45%	0.757%
24	10.425	814	817	819	rBV3	17938	44963	3.20%	0.256%
25	10.471	819	821	823	rVB	28916	42243	3.01%	0.241%
26	10.596	830	832	835	rVB3	20251	40101	2.85%	0.229%
27	10.676	835	839	842	rBV4	37987	84345	6.00%	0.481%
28	10.916	857	860	864	rVB2	19903	37384	2.66%	0.213%
29	10.985	864	866	871	rBV	164425	311965	22.20%	1.779%
30	11.099	871	876	877	rBV3	31270	86361	6.15%	0.492%
31	11.179	881	883	886	rVB2	25766	46431	3.30%	0.265%
32	11.248	886	889	892	rBV4	22942	49415	3.52%	0.282%
33	11.454	904	907	909	rBV4	17191	36367	2.59%	0.207%
34	11.545	913	915	919	rVB2	26165	47702	3.39%	0.272%

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35	11.614	919	921	925	rBV4	13076	33139	2.36%	0.189%
36	11.739	929	932	935	rBV4	33324	70414	5.01%	0.402%
37	11.819	935	939	942	rVV3	28013	72905	5.19%	0.416%
38	11.877	942	944	946	rVV3	22676	32682	2.33%	0.186%
39	12.059	955	960	963	rBV3	26420	74891	5.33%	0.427%
40	12.151	963	968	971	rBV5	50232	134248	9.55%	0.766%
41	12.242	971	976	979	rBV	216345	429164	30.54%	2.447%
42	12.425	983	992	993	rBV6	26328	100599	7.16%	0.574%
43	12.471	993	996	999	rVB	74044	137737	9.80%	0.785%
44	12.608	1001	1008	1011	rBV6	41907	156126	11.11%	0.890%
45	12.814	1020	1026	1028	rBV6	20625	74782	5.32%	0.426%
46	12.905	1032	1034	1037	rVB2	25685	44801	3.19%	0.255%
47	12.974	1037	1040	1041	rBV3	36961	67020	4.77%	0.382%
48	13.134	1052	1054	1059	rBV5	19501	36430	2.59%	0.208%
49	13.214	1059	1061	1064	rVB2	40755	71261	5.07%	0.406%
50	13.340	1064	1072	1073	rBV4	65786	247719	17.63%	1.413%
51	13.362	1073	1074	1077	rVB2	29056	48101	3.42%	0.274%
52	13.442	1078	1081	1082	rBV2	29606	49808	3.54%	0.284%
53	13.557	1086	1091	1093	rVB3	51717	144935	10.31%	0.826%
54	13.602	1093	1095	1096	rBV2	28312	54945	3.91%	0.313%
55	13.648	1096	1099	1102	rVB	932333	1405148	100.00%	8.013%
56	13.820	1111	1114	1115	rBV3	21802	33604	2.39%	0.192%
57	13.865	1115	1118	1121	rVV2	43602	98440	7.01%	0.561%
58	13.922	1121	1123	1126	rVV4	20356	48639	3.46%	0.277%
59	14.014	1126	1131	1135	rVV7	46308	195304	13.90%	1.114%
60	14.197	1144	1147	1150	rBV4	41953	108290	7.71%	0.618%
61	14.311	1155	1157	1159	rVB2	30528	48497	3.45%	0.277%
62	14.357	1159	1161	1163	rBV2	53930	87729	6.24%	0.500%
63	14.517	1173	1175	1177	rBV2	17621	33246	2.37%	0.190%
64	14.631	1181	1185	1189	rBV5	45570	149202	10.62%	0.851%
65	14.711	1189	1192	1194	rBV	57212	110800	7.89%	0.632%
66	14.780	1196	1198	1200	rVV2	39631	58051	4.13%	0.331%
67	14.825	1200	1202	1205	rVB4	43318	78381	5.58%	0.447%
68	14.894	1205	1208	1210	rBV4	16077	42107	3.00%	0.240%
69	14.951	1210	1213	1219	rVB7	38597	133303	9.49%	0.760%
70	15.065	1220	1223	1225	rBV3	44408	79228	5.64%	0.452%
71	15.134	1225	1229	1231	rBV	171625	296041	21.07%	1.688%

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72	15.203	1231	1235	1241	rVB3	99702	315061	22.42%	1.797%
73	15.317	1242	1245	1250	rVB5	30597	93957	6.69%	0.536%
74	15.408	1250	1253	1255	rBV2	95123	181243	12.90%	1.034%
75	15.625	1269	1272	1277	rBV5	52080	174567	12.42%	0.995%
76	15.763	1281	1284	1285	rVV2	42732	77927	5.55%	0.444%
77	15.831	1285	1290	1292	rVB	172764	405775	28.88%	2.314%
78	15.957	1297	1301	1302	rVV	164833	352803	25.11%	2.012%
79	16.003	1302	1305	1308	rVV	172788	375978	26.76%	2.144%
80	16.071	1308	1311	1314	rVV	130087	278305	19.81%	1.587%
81	16.128	1314	1316	1320	rVV2	122181	206166	14.67%	1.176%
82	16.197	1320	1322	1326	rVB4	56276	98043	6.98%	0.559%
83	16.266	1326	1328	1330	rBV3	22857	44356	3.16%	0.253%
84	16.517	1348	1350	1354	rBV2	61128	108744	7.74%	0.620%
85	16.586	1354	1356	1360	rBV3	72367	165601	11.79%	0.944%
86	16.654	1360	1362	1365	rVB3	63574	105538	7.51%	0.602%
87	16.723	1365	1368	1370	rBV2	91633	132927	9.46%	0.758%
88	16.780	1370	1373	1375	rBV	473075	762704	54.28%	4.349%
89	16.906	1381	1384	1386	rBV3	64390	149888	10.67%	0.855%
90	17.054	1395	1397	1399	rBV2	38412	67546	4.81%	0.385%
91	17.637	1446	1448	1450	rBV3	29958	51934	3.70%	0.296%
92	17.809	1457	1463	1465	rBV7	37596	146402	10.42%	0.835%
93	17.854	1465	1467	1470	rVV	226824	328037	23.35%	1.871%
94	17.946	1473	1475	1478	rVB3	26797	41708	2.97%	0.238%
95	18.460	1518	1520	1523	rVB	40241	50540	3.60%	0.288%
96	18.837	1551	1553	1556	rBV	107581	160045	11.39%	0.913%
97	19.854	1640	1642	1648	rVB2	98162	145328	10.34%	0.829%
98	20.072	1659	1661	1664	rVB	745072	1065268	75.81%	6.075%
99	21.340	1770	1772	1775	rVV	222798	299436	21.31%	1.708%
100	23.020	1916	1919	1922	rVB	181394	248902	17.71%	1.419%

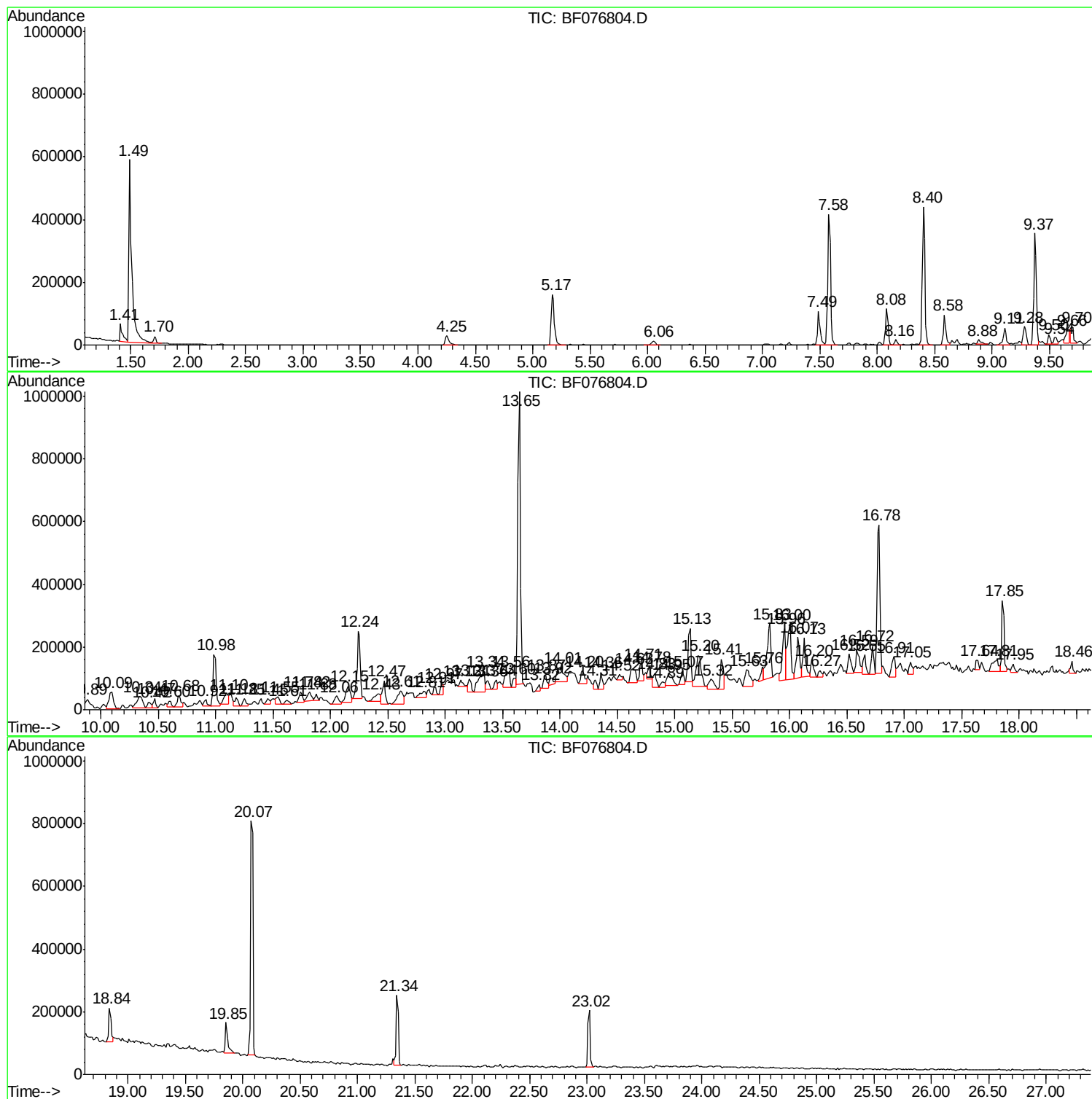
Sum of corrected areas: 17536107

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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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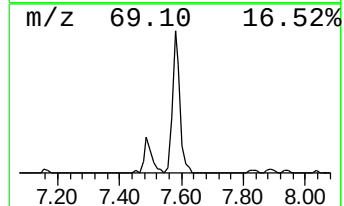
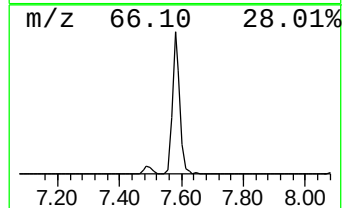
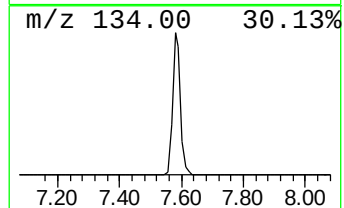
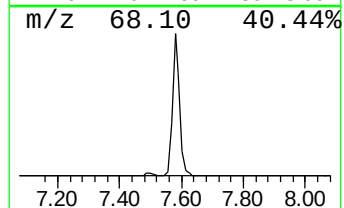
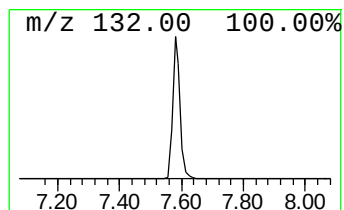
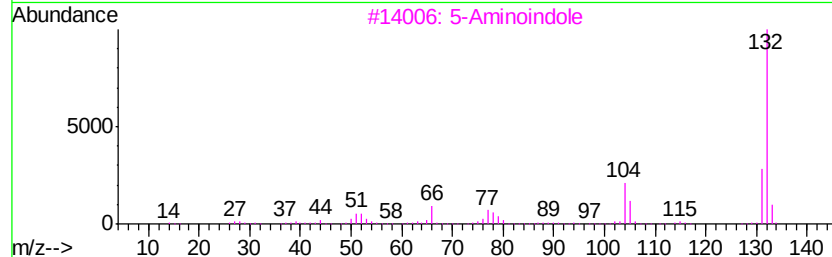
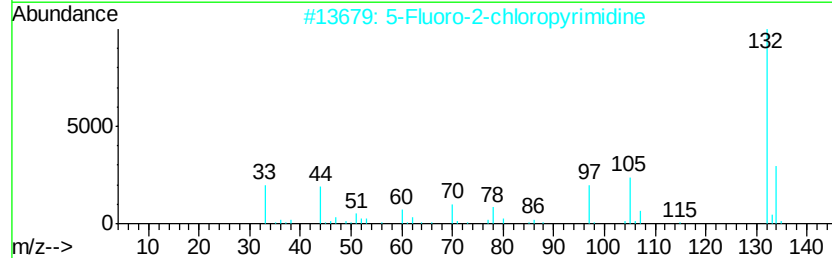
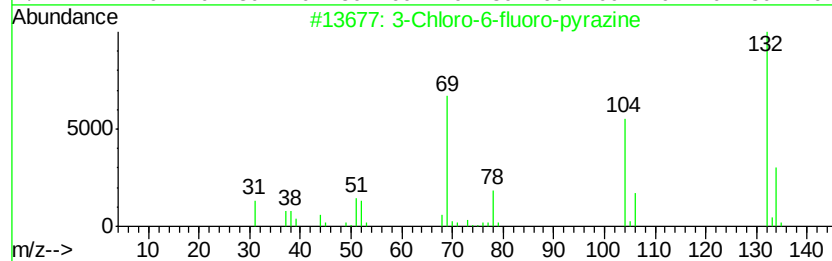
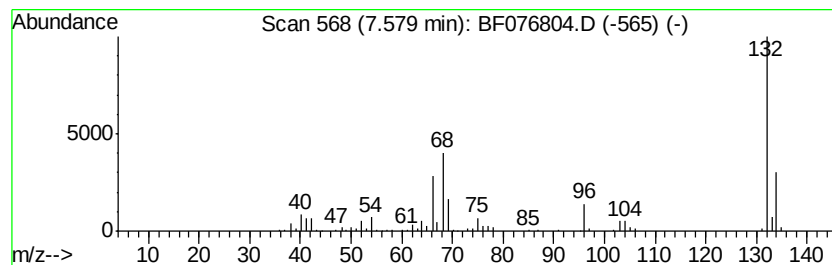
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	78.40 ng	693971	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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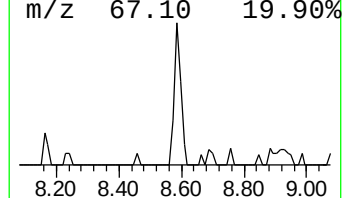
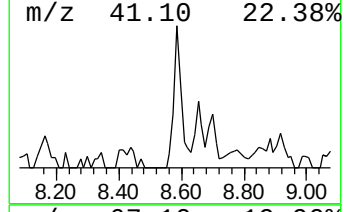
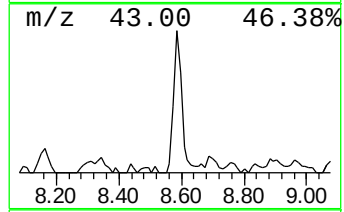
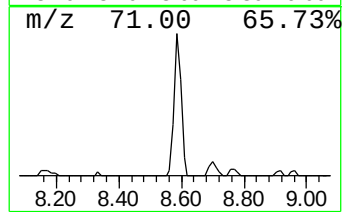
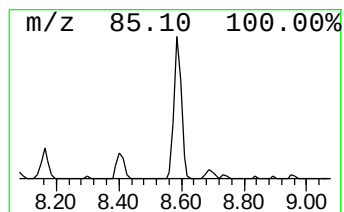
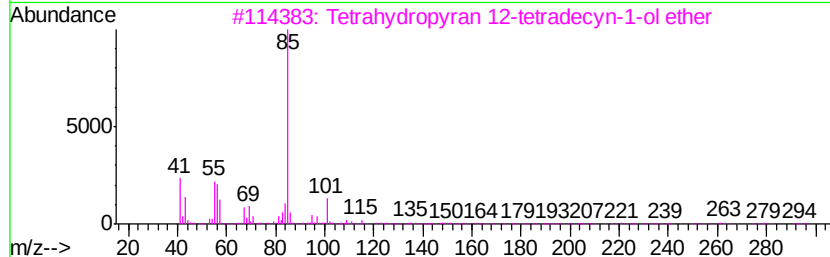
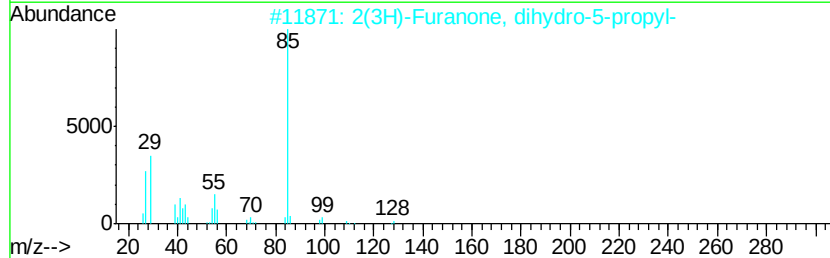
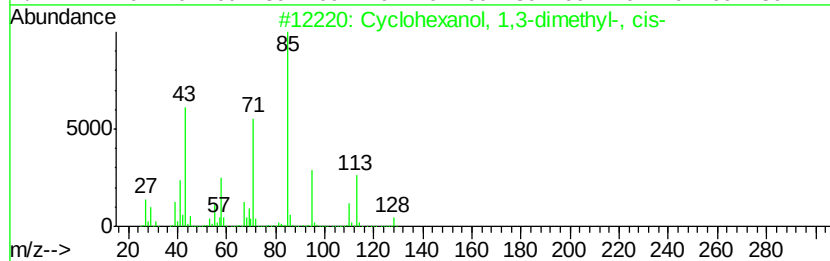
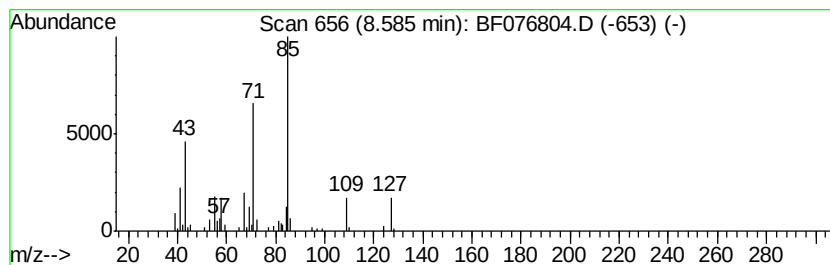
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	18.17 ng	160871	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	50
2		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	38
3		Tetrahydropyran 12-tetradecyn-1-...	294	C19H34O2	096249-40-0	37
4		2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	35
5		2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	32



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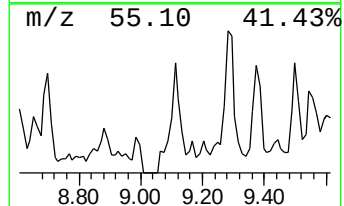
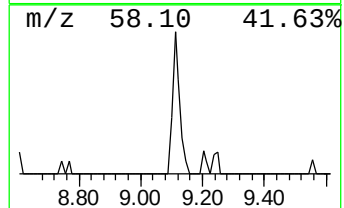
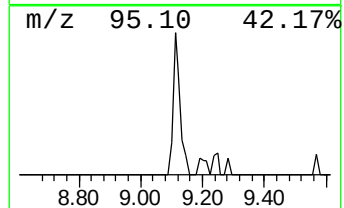
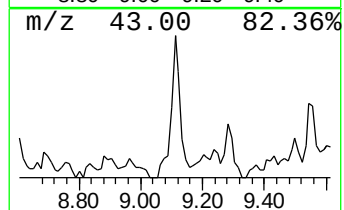
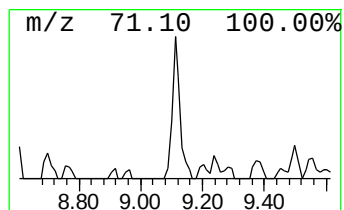
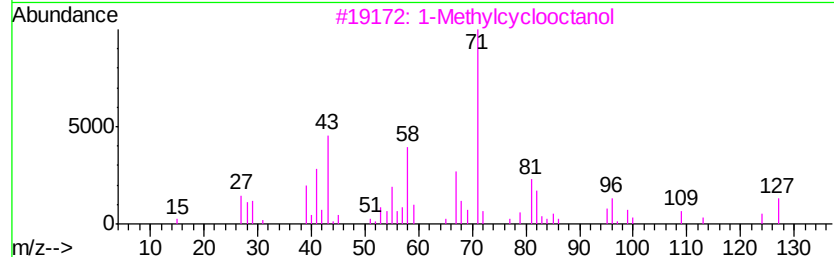
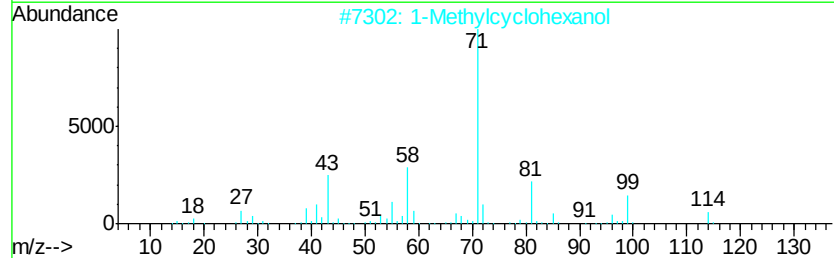
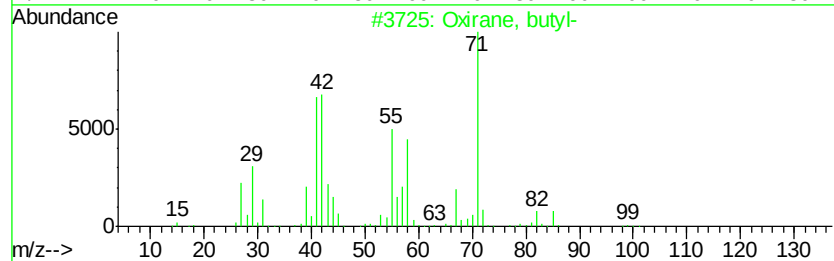
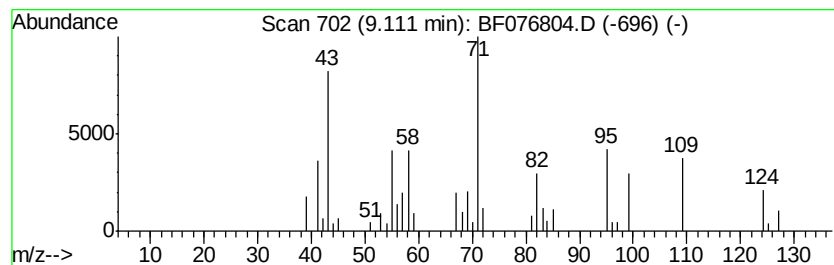
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.11 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	11.77 ng	104203	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, butyl-	100	C6H12O	001436-34-6	43
2		1-Methylcyclohexanol	114	C7H14O	000590-67-0	38
3		1-Methylcyclooctanol	142	C9H18O	059123-41-0	38
4		1-Methylcycloheptanol	128	C8H16O	003761-94-2	25
5		1,2-Dimethylcyclopentanol	114	C7H14O	019550-45-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
Operator : IZ / TP
Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409B

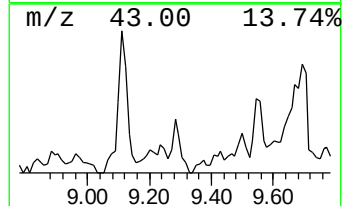
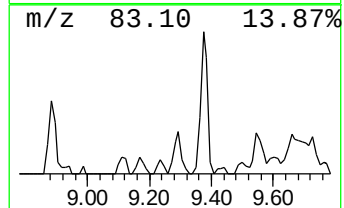
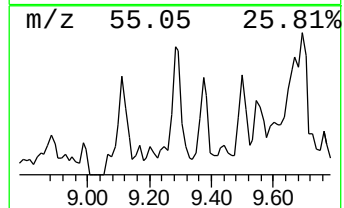
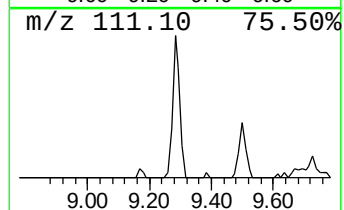
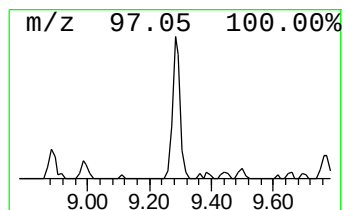
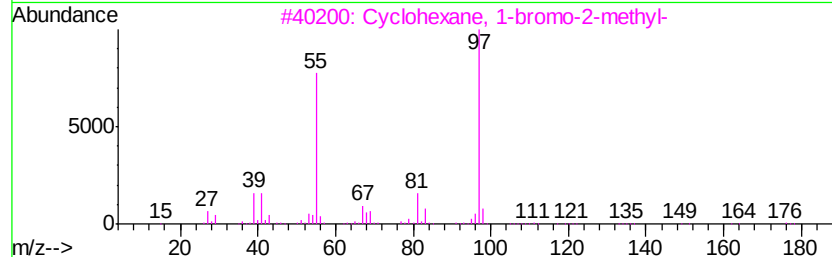
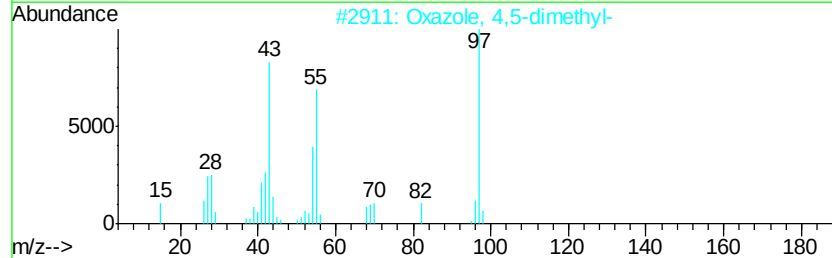
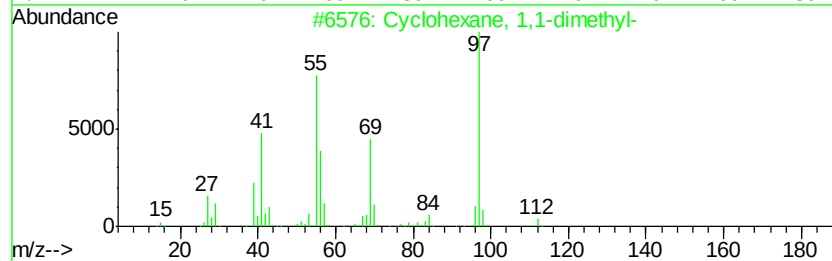
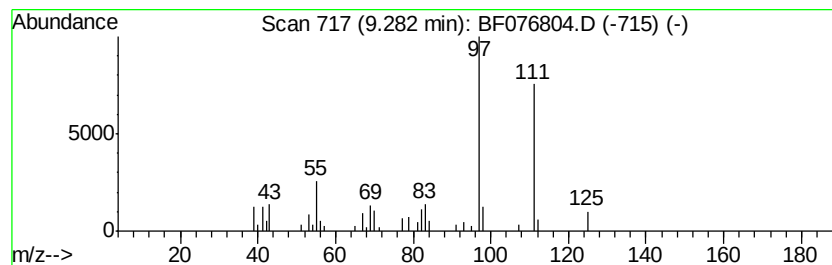
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.28 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	11.41 ng	100999	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
2		Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	38
3		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	35
4		1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	35
5		5-Amino-1,3-dimethylpyrazole	111	C5H9N3	003524-32-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

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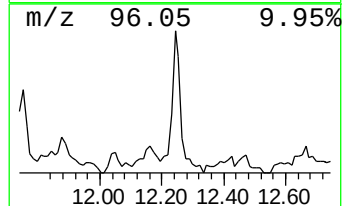
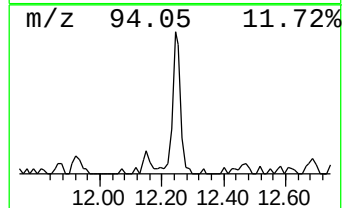
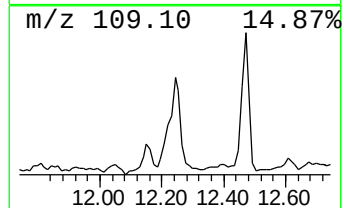
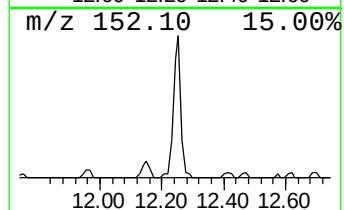
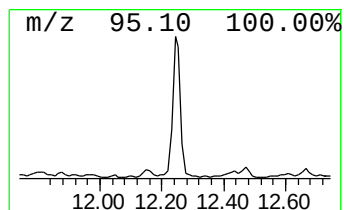
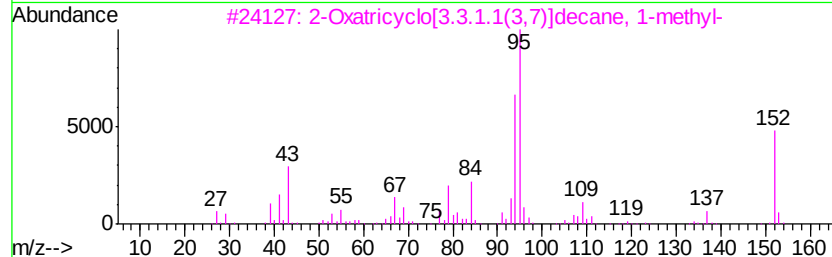
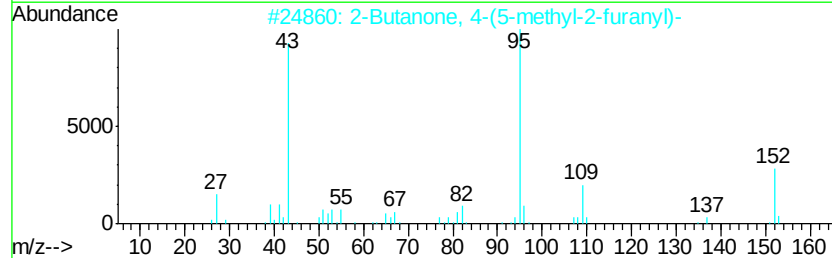
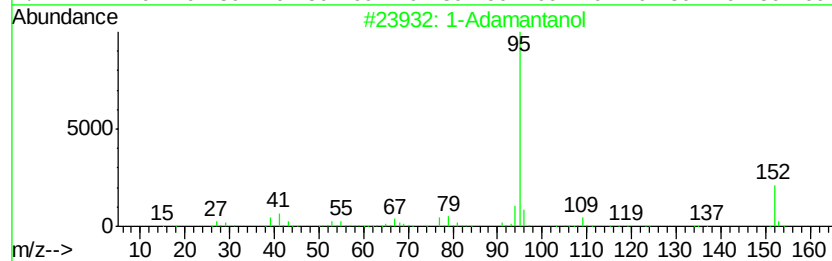
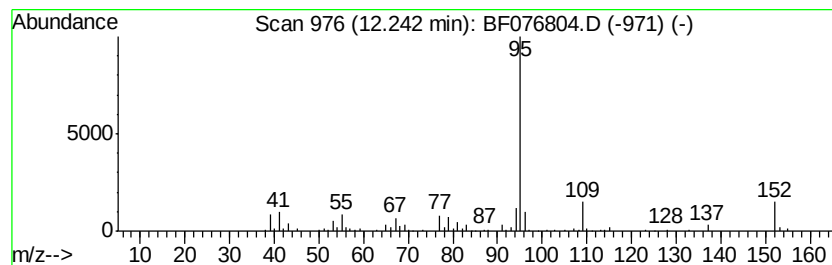
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Adamantanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	27.51 ng	429164	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	87
2		2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	72
3		2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	72
4		5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	64
5		2-Pyrimidinamine	95	C4H5N3	000109-12-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

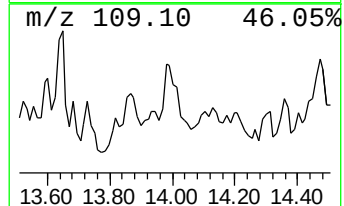
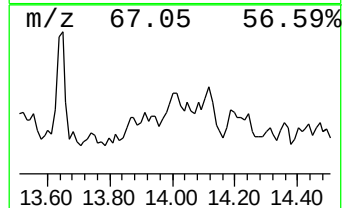
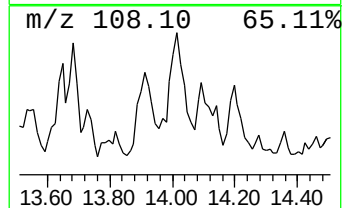
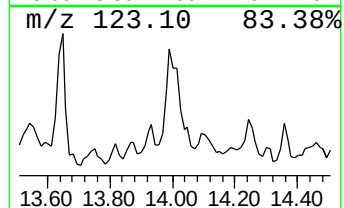
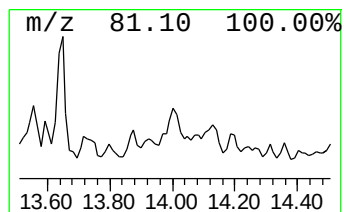
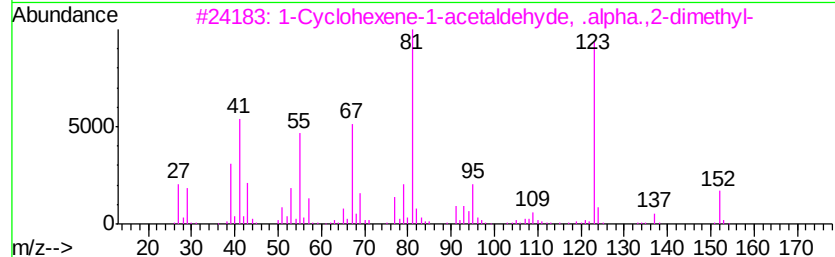
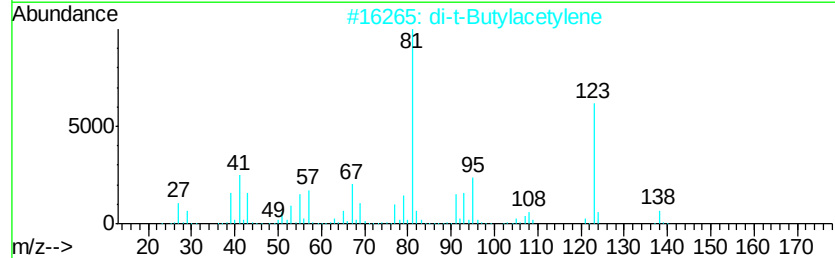
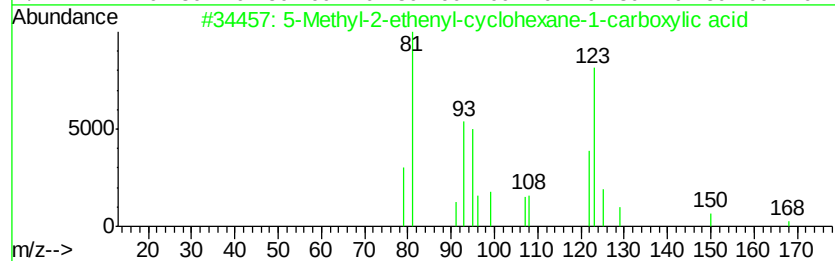
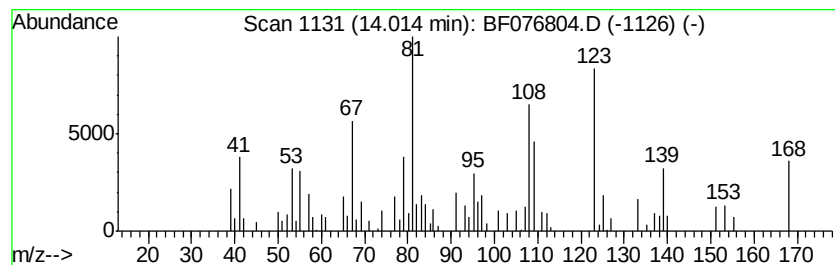
Instrument :
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ClientSampleID :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Methyl-2-ethenyl-cyclohex... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	13.19 ng	195304	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Methyl-2-ethenyl-cyclohexane-1...	168 C10H16O2	1000144-53-6	50
2	di-t-Butylacetylene	138 C10H18	017530-24-4	46
3	1-Cyclohexene-1-acetaldehyde, .a...	152 C10H16O	053155-80-9	43
4	2-Cyclohexene-1-carboxaldehyde, ...	152 C10H16O	000432-24-6	43
5	Bicyclo[2.2.2]octane, 1-methyl-4...	202 C10H18O2S	069855-48-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

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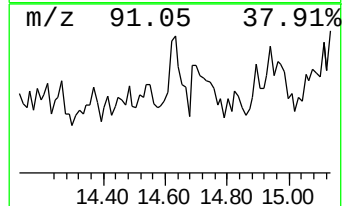
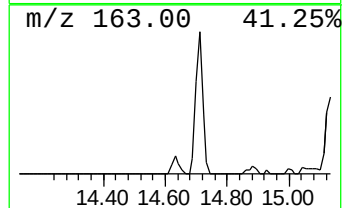
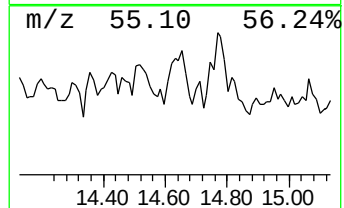
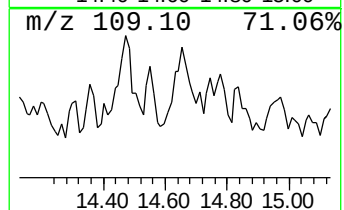
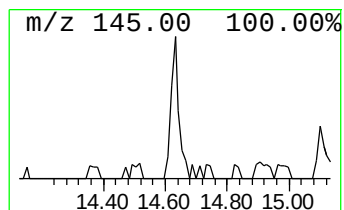
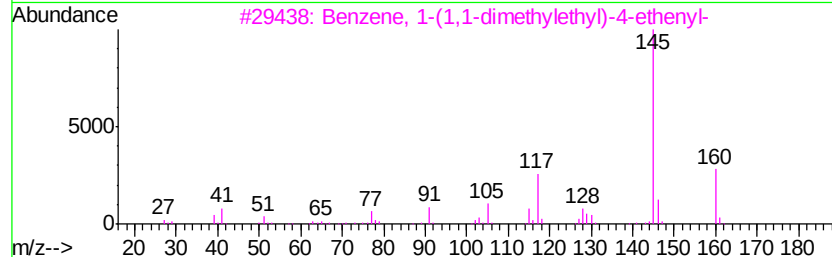
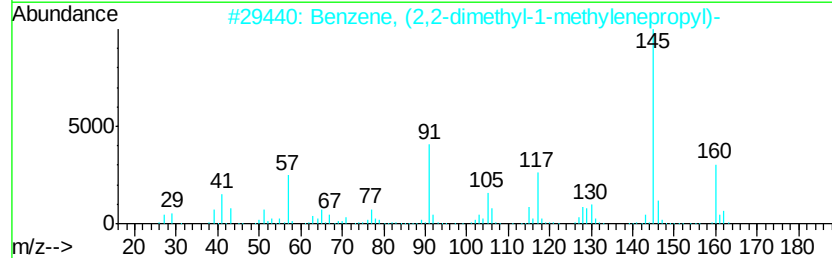
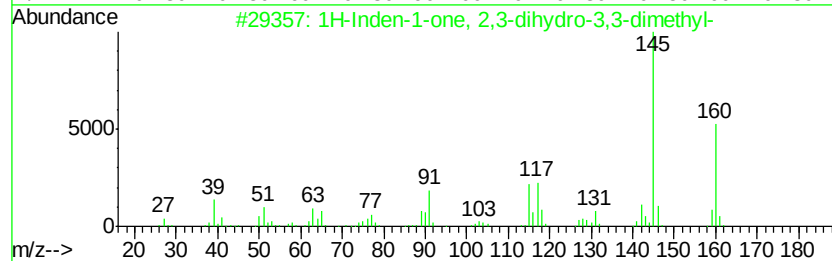
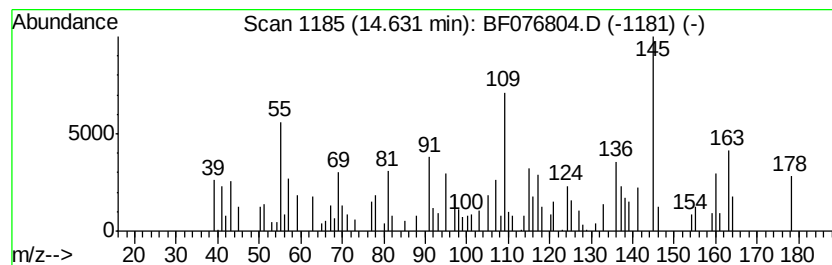
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.63 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	10.08 ng	149202	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	30
2		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	30
3		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	27
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	27
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
Operator : IZ / TP
Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0409B

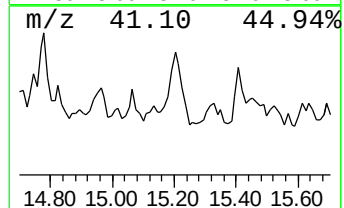
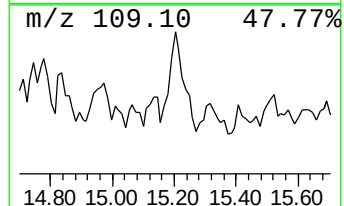
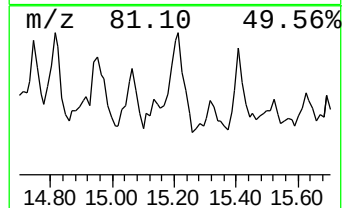
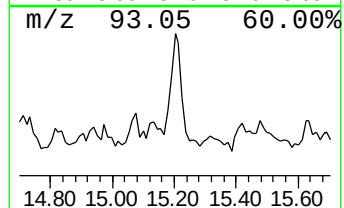
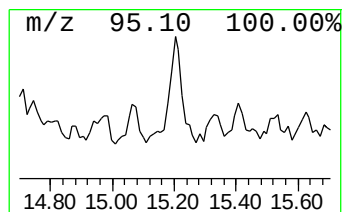
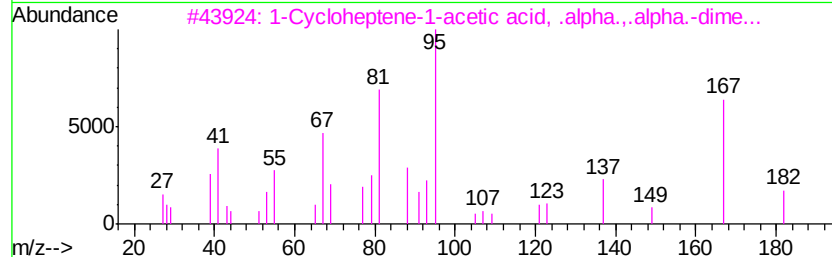
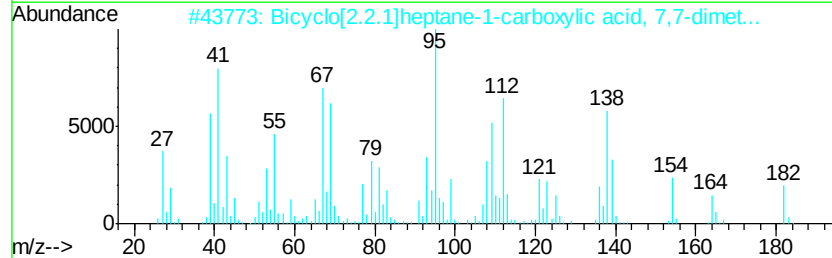
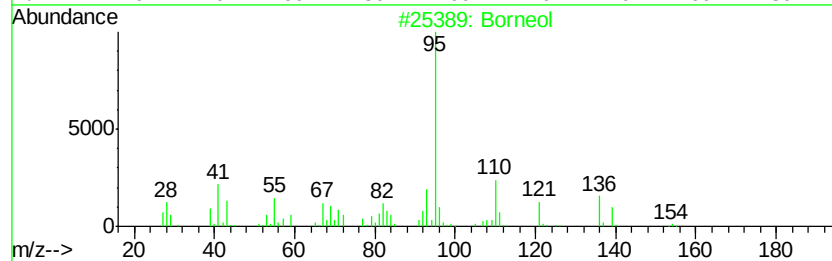
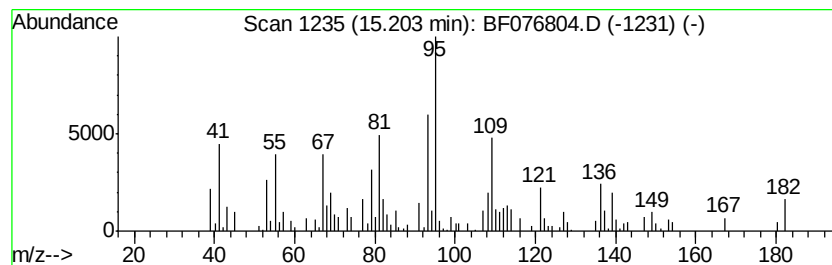
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown15.20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	21.29 ng	315061	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Borneol	154	C10H18O	010385-78-1	49
2		Bicyclo[2.2.1]heptane-1-carboxyl...	182	C10H14O3	000464-78-8	46
3		1-Cycloheptene-1-acetic acid, .a...	182	C11H18O2	016642-56-1	45
4		Benzo[c]thiophene, octahydro-, cis-	142	C8H14S	054053-76-8	38
5		Isobornyl acetate	196	C12H20O2	000125-12-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

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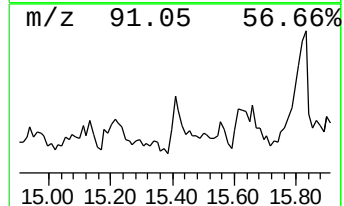
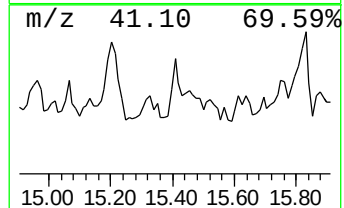
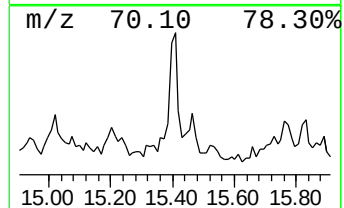
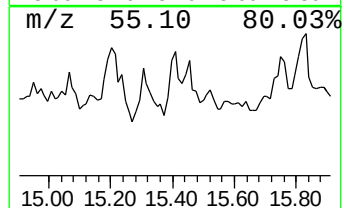
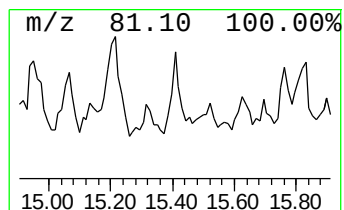
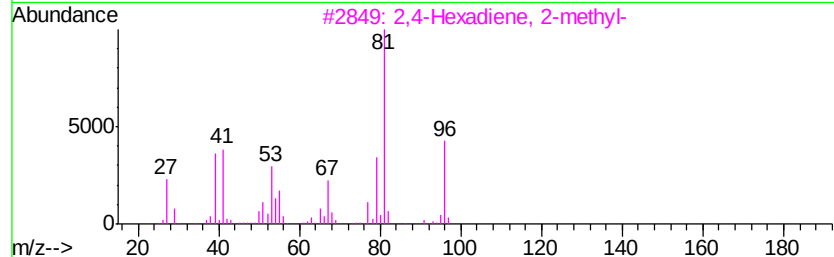
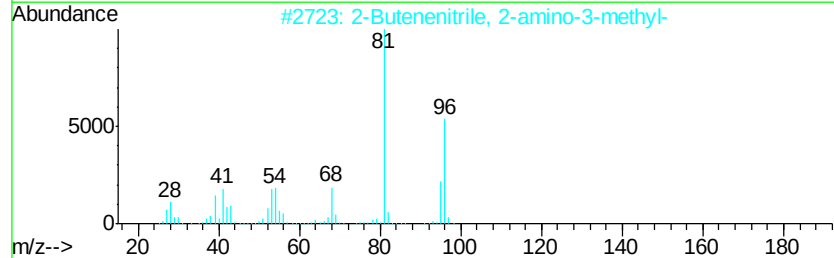
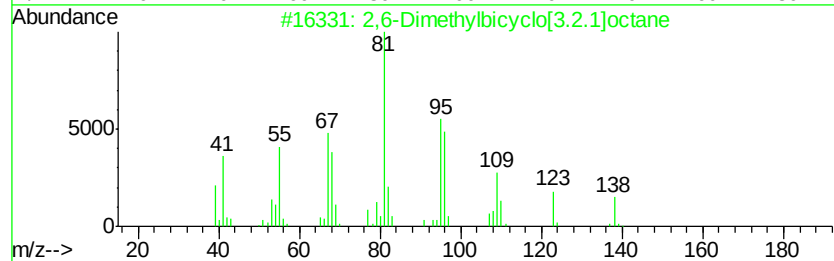
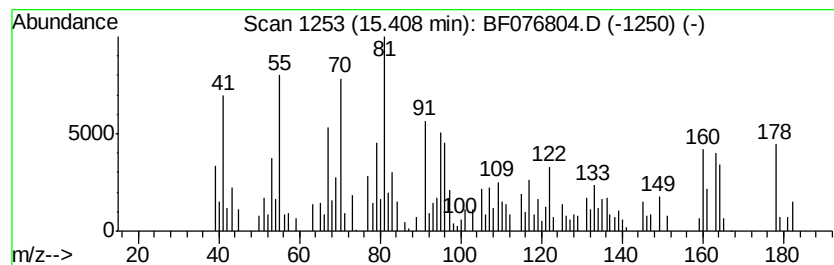
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	12.24 ng	181243	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	30
2		2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	18
3		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	18
4		9-Borabicyclo[3.3.1]nonane, 9-(2...	178	C11H19BO	1000162-57-7	15
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

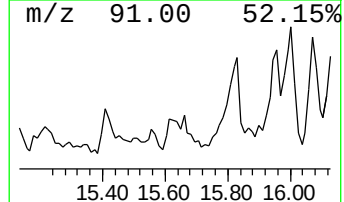
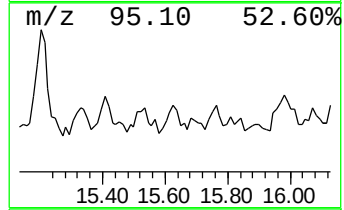
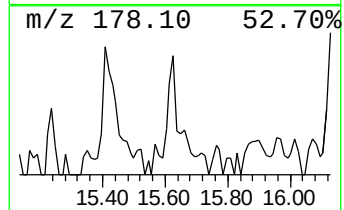
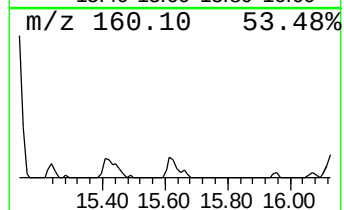
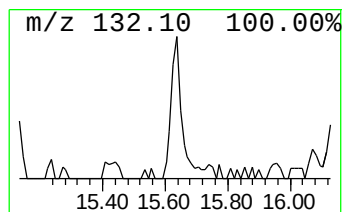
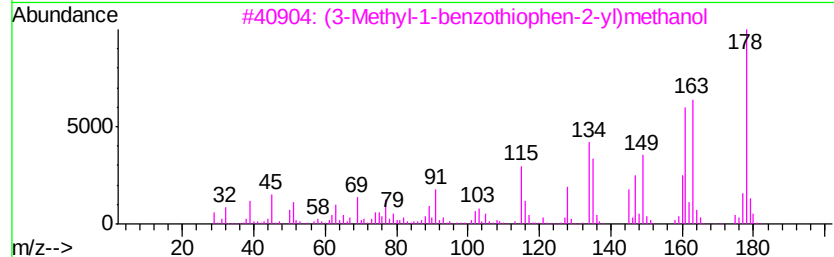
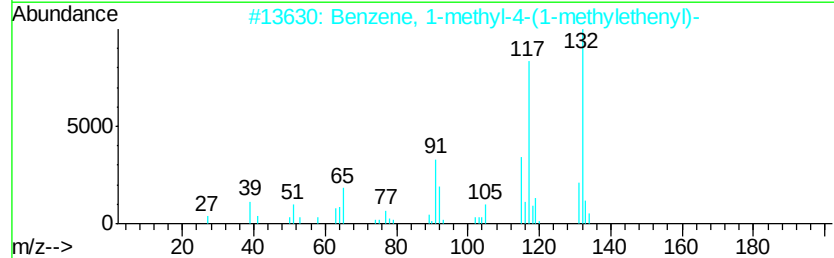
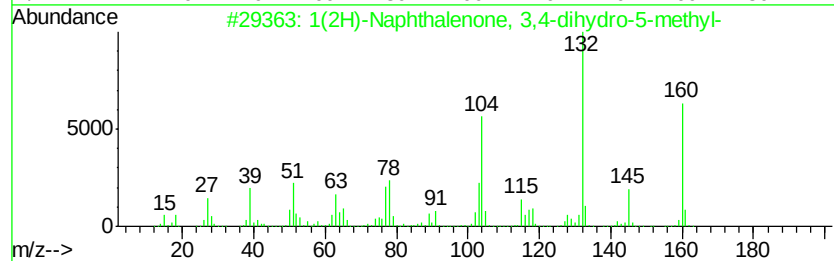
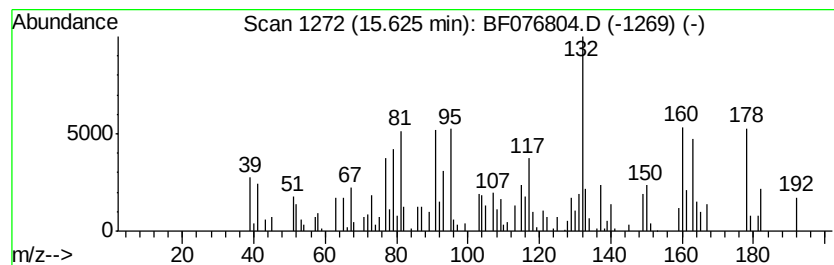
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.63 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	11.79 ng	174567	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(2H)-Naphthalenone, 3,4-dihydro...	160 C11H12O	006939-35-1 22
2		Benzene, 1-methyl-4-(1-methyleth...	132 C10H12	001195-32-0 15
3		(3-Methyl-1-benzothiophen-2-yl)m...	178 C10H10OS	003133-88-8 14
4		Selenophene, 2-(methylthio)-	178 C5H6SSe	031053-54-0 14
5		3-Methoxycinnamic acid	178 C10H10O3	006099-04-3 11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
Data File : BF076804.D
Acq On : 10 Jan 2015 1:40
Operator : IZ / TP
Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409B

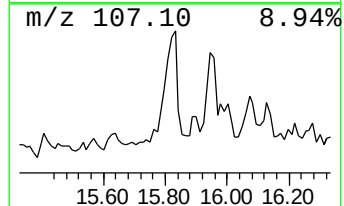
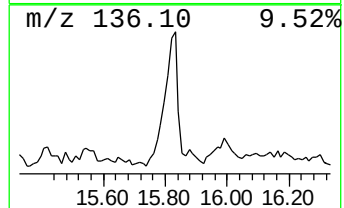
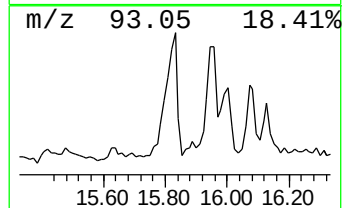
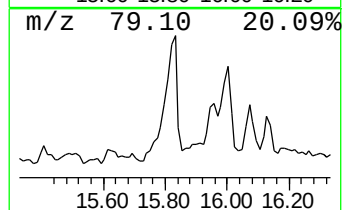
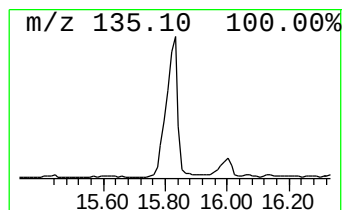
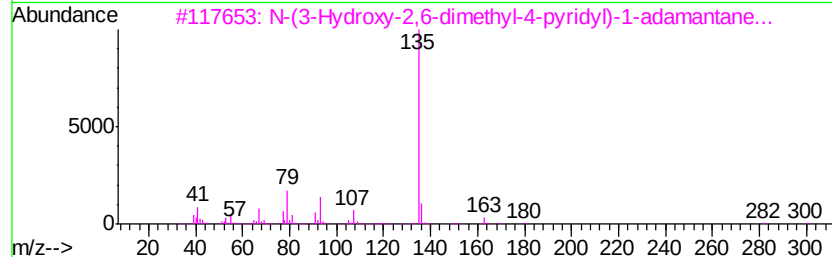
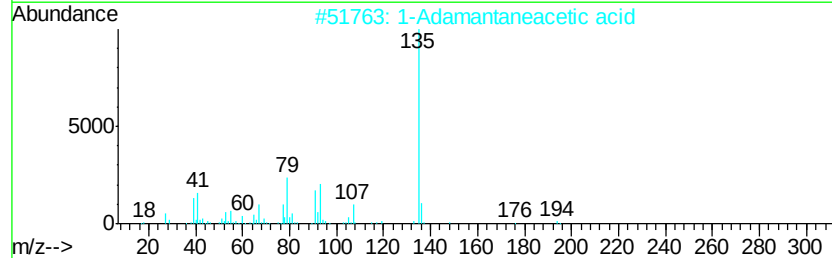
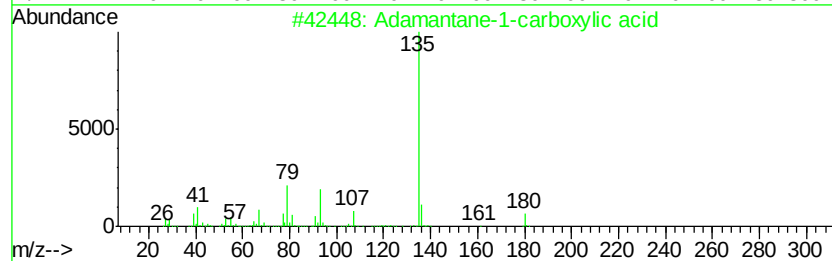
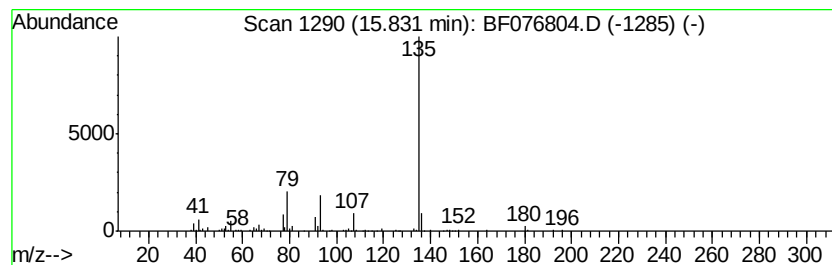
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Adamantane-1-carboxylic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	27.41 ng	405775	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	87
2		1-Adamantaneacetic acid	194	C12H18O2	004942-47-6	83
3		N-(3-Hydroxy-2,6-dimethyl-4-pyridyl)-1-adamantane...	300	C18H24N2O2	1000260-99-3	78
4		Adamantane-1-carboxamide, N-(4-methyl-2-pyridyl)-	261	C14H19N3O2	332042-32-7	78
5		N-(2-Ethyl-3-hydroxy-6-methyl-4-pyridyl)-1-adamantane...	314	C19H26N2O2	1000260-99-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

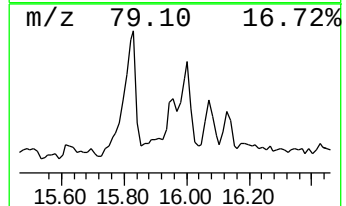
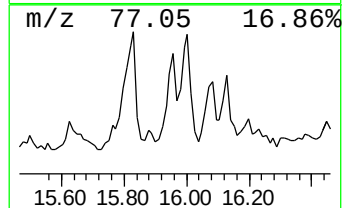
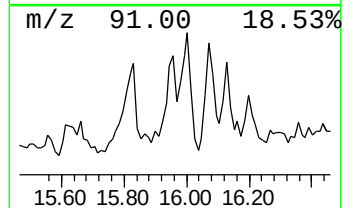
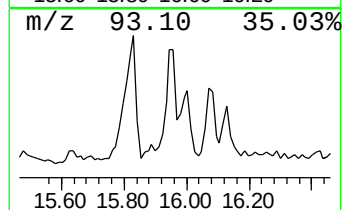
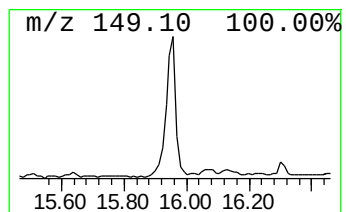
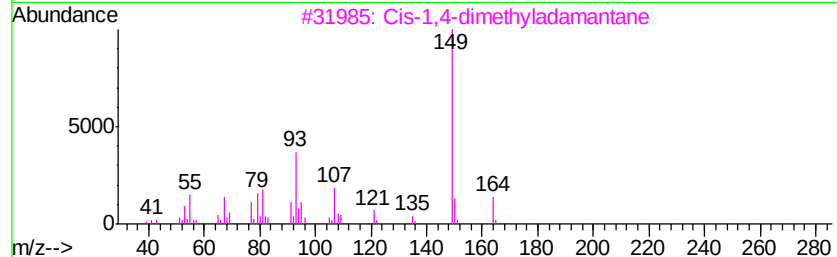
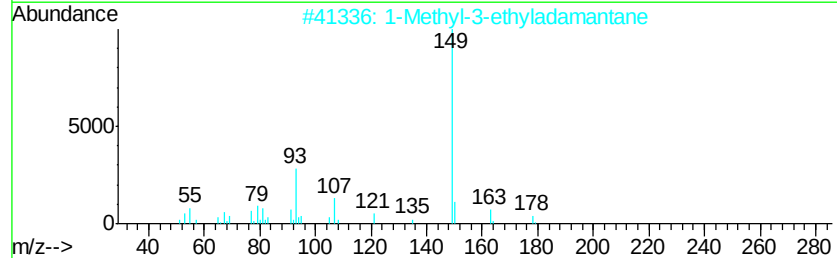
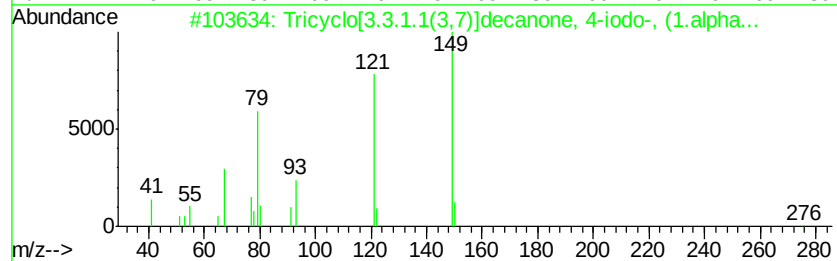
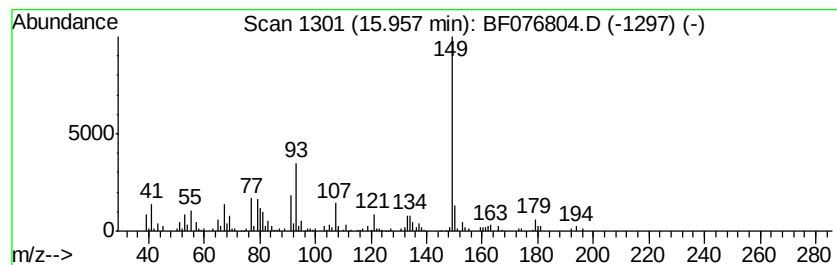
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tricyclo[3.3.1.1(3,7)]decan... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	23.83 ng	352803	Acenaphthene-d10	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[3.3.1.1(3,7)]decanone, ...	276 C10H13IO	056781-86-3 64
2		1-Methyl-3-ethyladamantane	178 C13H22	001687-34-9 64
3		Cis-1,4-dimethyladamantane	164 C12H20	024145-89-9 59
4		Myrtene acid bromide	228 C10H13BrO	1000159-35-0 53
5		2-Methyl-4-hydroxybenzoxazole	149 C8H7NO2	051110-60-2 50



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ALS Vial : 17 Sample Multiplier: 1

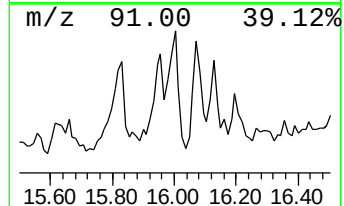
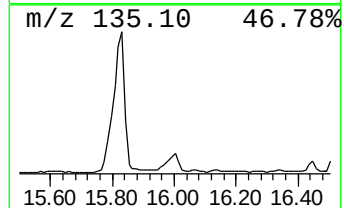
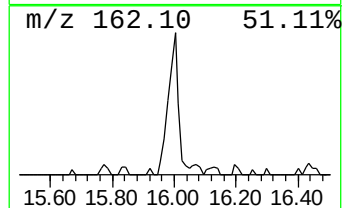
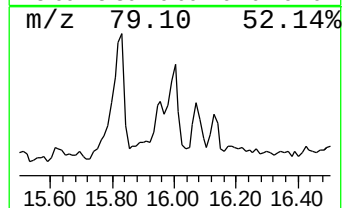
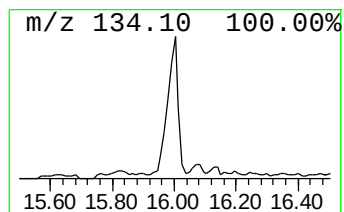
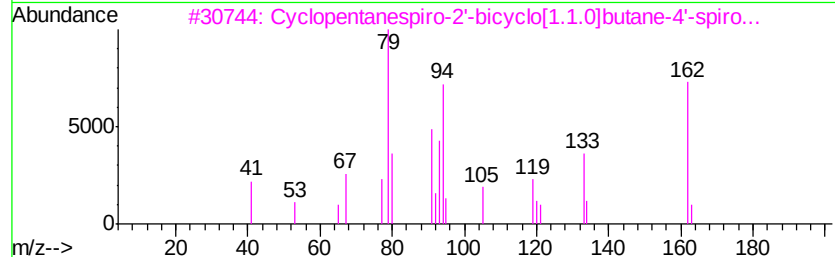
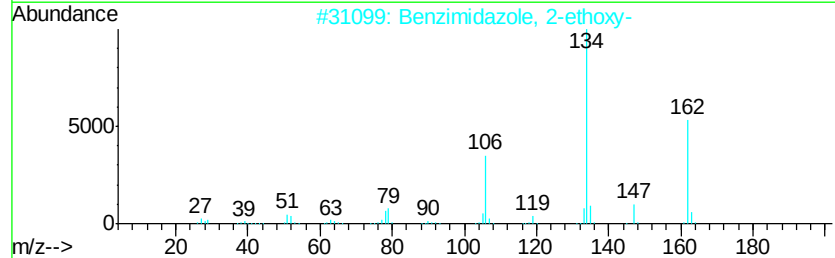
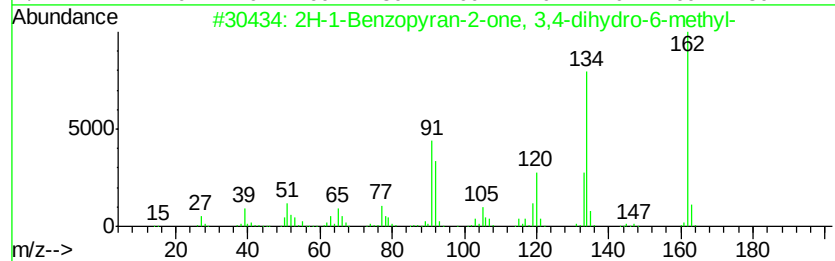
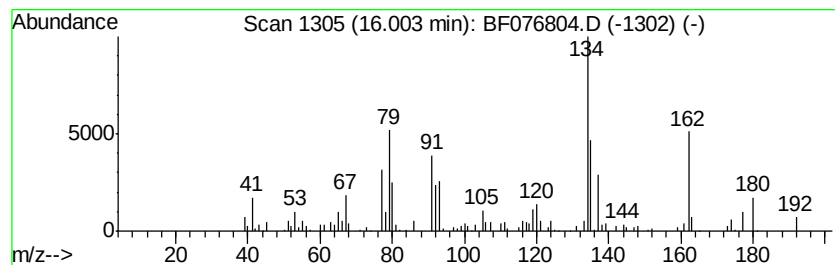
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2H-1-Benzopyran-2-one, 3,4-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.00	25.40 ng	375978	Acenaphthene-d10	15.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran-2-one, 3,4-dihyd...	162	C10H10O2	000092-47-7	50
2	Benzimidazole, 2-ethoxy-	162	C9H10N2O	022219-23-4	35
3	Cyclopentanespiro-2'-bicyclo[1.1...	162	C12H18	114310-66-6	30
4	Heptafluorobutanoic acid, 2-adam...	348	C14H15F7O2	1000282-96-8	27
5	6-Bromohexanoic acid, 2-adamanty...	328	C16H25BrO2	1000282-90-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Sample : G1052-05
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0409B

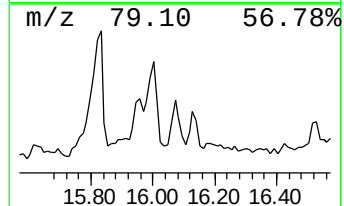
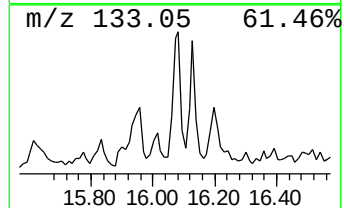
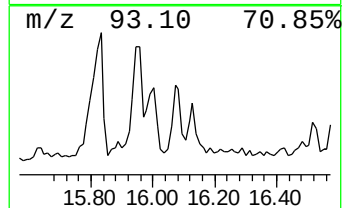
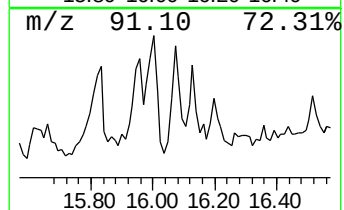
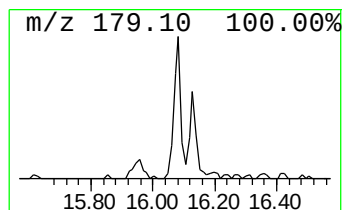
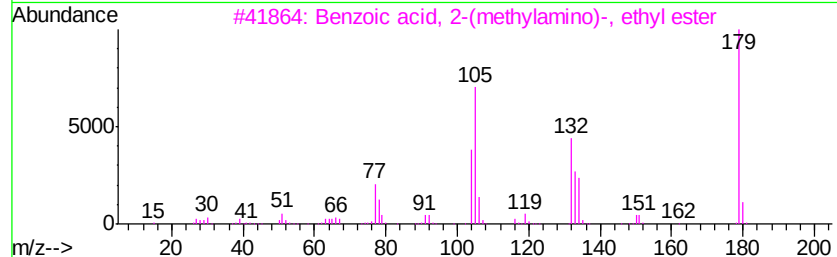
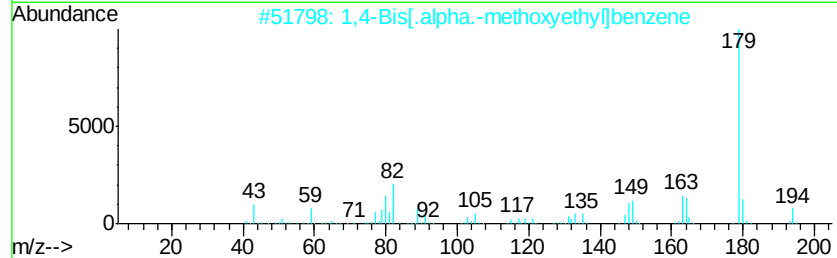
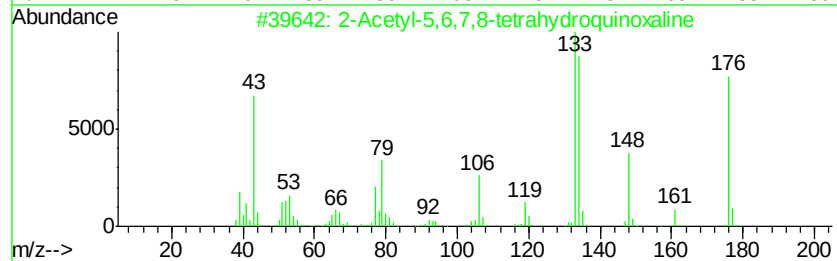
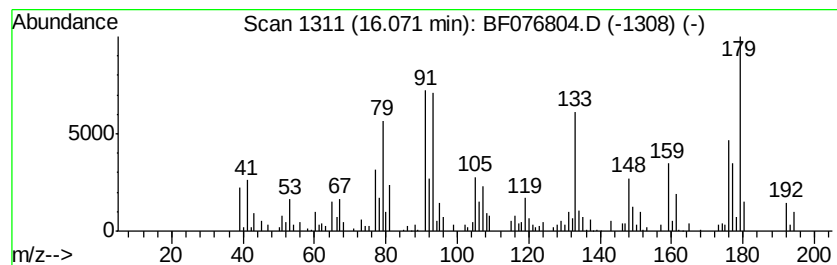
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.07 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	18.80 ng	278305	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Acetyl-5,6,7,8-tetrahydroquino...	176	C10H12N2O	086461-70-3	25
2		1,4-Bis[.alpha.-methoxyethyl]ben...	194	C12H18O2	129770-42-9	18
3		Benzoic acid, 2-(methylamino)-, ...	179	C10H13N02	035472-56-1	14
4		Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	14
5		1,3-Cyclopentadiene, 5-(1,3-dime...	148	C11H16	007338-49-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0409B

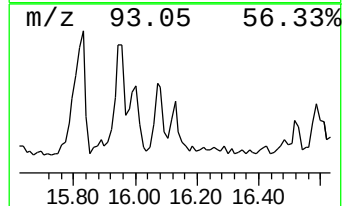
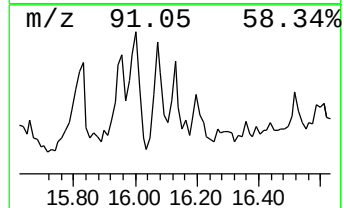
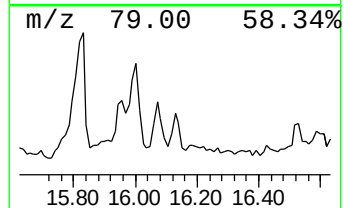
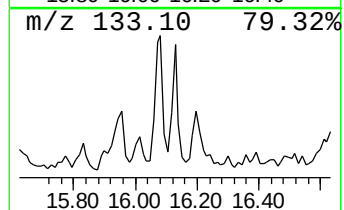
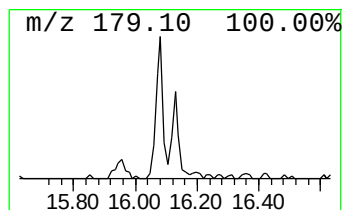
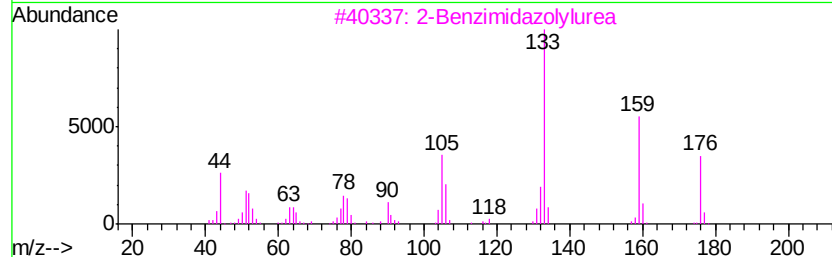
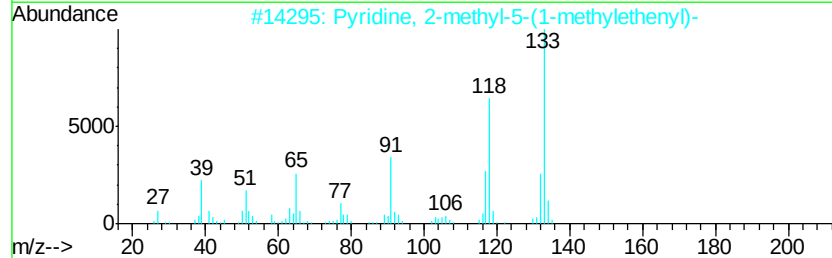
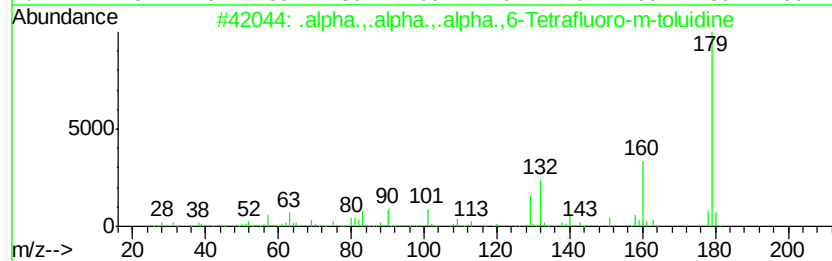
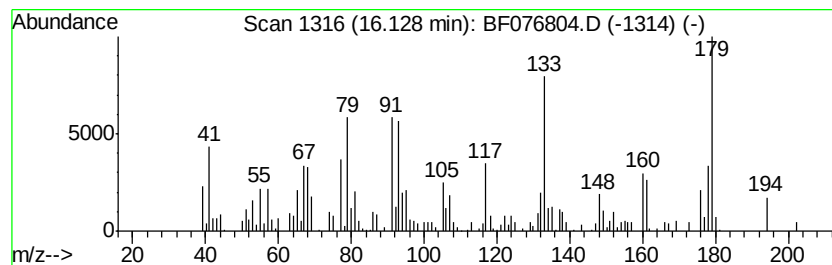
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	13.93 ng	206166	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.,.alpha.,.alpha.,6-Tetra...	179	C7H5F4N	000535-52-4	27
2		Pyridine, 2-methyl-5-(1-methylet...	133	C9H11N	056057-93-3	25
3		2-Benzimidazolylurea	176	C8H8N4O	024370-25-0	22
4		2-Oxabicyclo[4.4.0]dec-9-ene, (1...	194	C13H22O	1000139-31-3	22
5		Acetophenone, 2',4'-dimethoxy-3'...	194	C11H14O3	060512-80-3	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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Acq On : 10 Jan 2015 1:40
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Sample : G1052-05
Misc : W DOD
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0409B

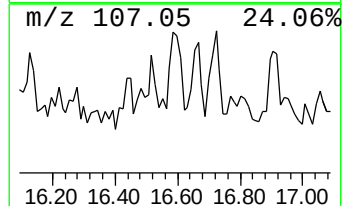
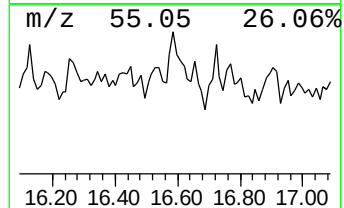
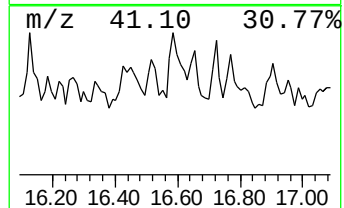
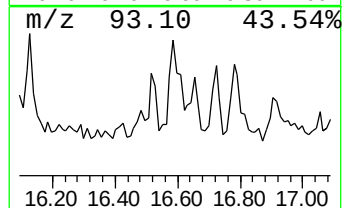
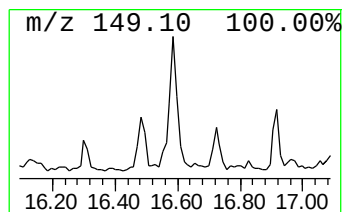
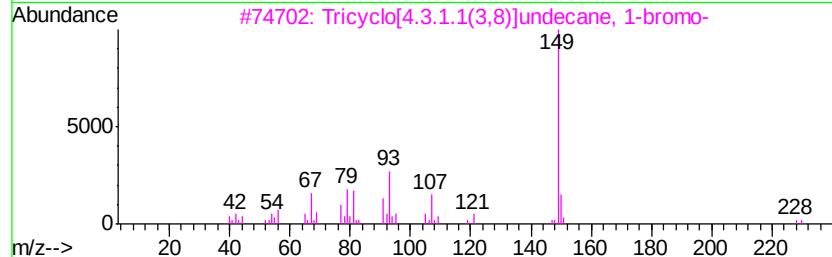
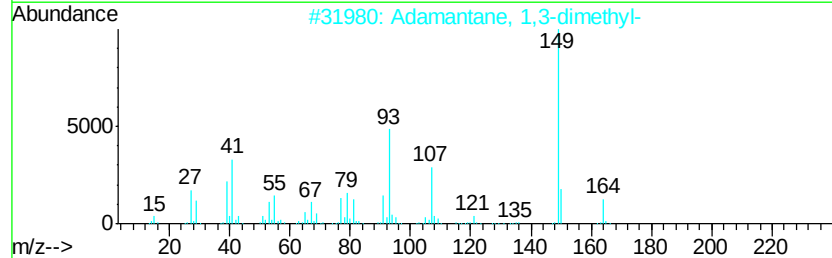
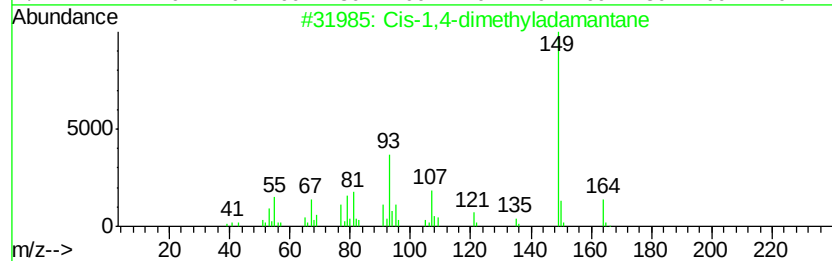
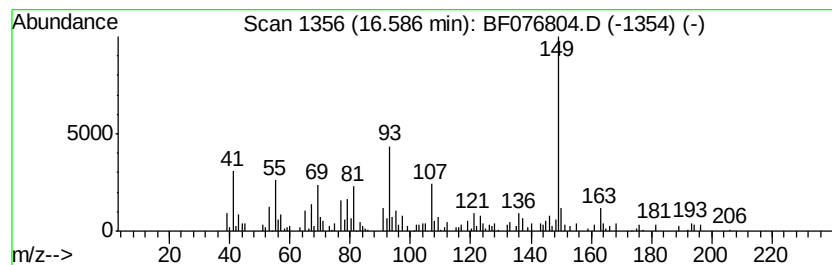
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cis-1,4-dimethyladamantane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	10.10 ng	165601	Phenanthrene-d10	17.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cis-1,4-dimethyladamantane	164	C12H20	024145-89-9	80
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	59
3		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	50
4		Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	43
5		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010915\
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0409B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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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Cyclohexanol, 1,3...	8.58	18.2	ng	160871	1	8.08	177027	20.0
unknown9.11	9.11	11.8	ng	104203	1	8.08	177027	20.0
unknown9.28	9.28	11.4	ng	100999	1	8.08	177027	20.0
1-Adamantanol	12.24	27.5	ng	429164	2	10.98	311965	20.0
5-Methyl-2-etheny...	14.01	13.2	ng	195304	3	15.13	296041	20.0
unknown14.63	14.63	10.1	ng	149202	3	15.13	296041	20.0
unknown15.20	15.20	21.3	ng	315061	3	15.13	296041	20.0
unknown15.41	15.41	12.2	ng	181243	3	15.13	296041	20.0
unknown15.63	15.63	11.8	ng	174567	3	15.13	296041	20.0
Adamantane-1-carb...	15.83	27.4	ng	405775	3	15.13	296041	20.0
Tricyclo[3.3.1.1(...	15.96	23.8	ng	352803	3	15.13	296041	20.0
2H-1-Benzopyran-2...	16.00	25.4	ng	375978	3	15.13	296041	20.0
unknown16.07	16.07	18.8	ng	278305	3	15.13	296041	20.0
unknown16.13	16.13	13.9	ng	206166	3	15.13	296041	20.0
Cis-1,4-dimethyla...	16.59	10.1	ng	165601	4	17.85	328037	20.0