

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082160.D
 Acq On : 9 Oct 2015 22:46
 Operator : UM/IZ
 Sample : G3974-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP222BR-12-14

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-BF092815.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	5.291	273	276	278	rBV	511327	578312	3.38%	0.220%
2	5.657	306	308	317	rBV2	685924	1629832	9.53%	0.621%
3	6.686	395	398	400	rVV2	925143	1795693	10.50%	0.684%
4	6.720	400	401	410	rVB	447679	860010	5.03%	0.328%
5	6.903	416	417	421	rVB2	473712	533696	3.12%	0.203%
6	7.040	424	429	431	rBV	4417063	5254710	30.73%	2.003%
7	7.120	431	436	439	rBV2	403274	842070	4.92%	0.321%
8	7.383	457	459	461	rVV	474416	548838	3.21%	0.209%
9	7.417	461	462	465	rVB	885053	749272	4.38%	0.286%
10	7.726	484	489	493	rBV2	1125806	2032815	11.89%	0.775%
11	7.806	494	496	499	rVB	871544	1046697	6.12%	0.399%
12	7.874	500	502	505	rBV2	1265231	1818858	10.64%	0.693%
13	7.920	505	506	509	rBV	525898	998235	5.84%	0.380%
14	8.194	522	530	532	rBV	6038631	15369449	89.89%	5.858%
15	8.354	542	544	548	rBV	639604	1036825	6.06%	0.395%
16	8.423	548	550	552	rBV	915969	1043143	6.10%	0.398%
17	8.606	561	566	568	rBV3	181970	532448	3.11%	0.203%
18	8.812	581	584	586	rVV	1234318	1249000	7.30%	0.476%
19	8.857	586	588	591	rVV	2270728	3140143	18.36%	1.197%
20	8.995	591	600	602	rVV	5872787	16178500	94.62%	6.167%
21	9.349	630	631	633	rVV	608329	595057	3.48%	0.227%
22	9.417	633	637	640	rVV3	906076	1917365	11.21%	0.731%
23	9.497	640	644	646	rVV	3679554	6089314	35.61%	2.321%
24	9.577	648	651	654	rVV	4192168	8222826	48.09%	3.134%
25	9.623	654	655	658	rVV	1033157	1355608	7.93%	0.517%
26	9.680	658	660	664	rVV	2343671	3287890	19.23%	1.253%
27	9.772	665	668	670	rVV	2801616	3421852	20.01%	1.304%
28	9.886	675	678	681	rVV2	811140	1702338	9.96%	0.649%
29	9.943	681	683	685	rVV	4269917	4902504	28.67%	1.869%
30	10.000	687	688	690	rVV2	424079	581007	3.40%	0.221%
31	10.103	694	697	699	rVV	2195800	2910973	17.02%	1.110%
32	10.137	699	700	704	rVV2	851734	1282790	7.50%	0.489%
33	10.217	704	707	708	rVV	961379	1153292	6.74%	0.440%
34	10.240	708	709	712	rVV	980915	1131458	6.62%	0.431%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.309	712	715	718	rVV2	568898	1141617	6.68%	0.435%
36	10.412	720	724	725	rVV3	538967	1016293	5.94%	0.387%
37	10.469	725	729	731	rVV	4790698	7651561	44.75%	2.916%
38	10.515	731	733	734	rVV	612542	998330	5.84%	0.381%
39	10.538	734	735	738	rVV2	699392	1124578	6.58%	0.429%
40	10.606	738	741	742	rVV2	1040951	1532776	8.96%	0.584%
41	10.686	745	748	750	rVV2	883662	1411922	8.26%	0.538%
42	10.812	756	759	762	rVB2	846819	1271045	7.43%	0.484%
43	10.915	767	768	771	rVV	602115	705834	4.13%	0.269%
44	10.995	771	775	777	rVV3	1498294	2932382	17.15%	1.118%
45	11.029	777	778	780	rVV	955062	758160	4.43%	0.289%
46	11.075	780	782	784	rVV	728056	933275	5.46%	0.356%
47	11.143	784	788	791	rVV2	385108	817173	4.78%	0.311%
48	11.292	798	801	802	rVV	2461920	2923930	17.10%	1.114%
49	11.315	802	803	807	rVB2	1386215	1926732	11.27%	0.734%
50	11.452	807	815	817	rBV	6089060	17098659	100.00%	6.517%
51	11.498	817	819	823	rVV2	4758254	8006142	46.82%	3.052%
52	11.623	828	830	834	rVV2	1871166	2791039	16.32%	1.064%
53	11.692	834	836	837	rVV	1389285	1429133	8.36%	0.545%
54	11.726	837	839	843	rVV2	1321273	2602757	15.22%	0.992%
55	11.806	843	846	848	rVV	2048111	2838424	16.60%	1.082%
56	11.909	851	855	856	rVV2	3204406	5922551	34.64%	2.257%
57	11.932	856	857	859	rVV	3343983	3476617	20.33%	1.325%
58	11.978	859	861	863	rVV2	1217504	2119633	12.40%	0.808%
59	12.023	863	865	871	rVV4	4420790	9523308	55.70%	3.630%
60	12.161	873	877	878	rVV	1304661	2358066	13.79%	0.899%
61	12.195	878	880	882	rVV	2285071	2748461	16.07%	1.048%
62	12.252	883	885	886	rVV2	443608	750538	4.39%	0.286%
63	12.286	886	888	890	rVV2	899580	1412094	8.26%	0.538%
64	12.366	894	895	899	rVV3	579433	1280225	7.49%	0.488%
65	12.446	899	902	903	rVV2	1086940	1732084	10.13%	0.660%
66	12.492	903	906	908	rVV3	963391	2375567	13.89%	0.905%
67	12.549	908	911	914	rVV2	864885	1799647	10.53%	0.686%
68	12.629	914	918	921	rVV	4649532	8869526	51.87%	3.381%
69	12.709	923	925	926	rVV2	1024970	1250362	7.31%	0.477%
70	12.869	934	939	941	rVV	5032487	10778443	63.04%	4.108%
71	12.949	944	946	953	rVB5	312019	800353	4.68%	0.305%

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72	13.052	953	955	957	rBV2	903165	1346708	7.88%	0.513%
73	13.166	961	965	967	rVV	1668773	3060300	17.90%	1.166%
74	13.235	967	971	973	rVV	1874762	2503936	14.64%	0.954%
75	13.269	973	974	976	rVV	970092	1278527	7.48%	0.487%
76	13.361	980	982	983	rVV	798432	780321	4.56%	0.297%
77	13.395	983	985	990	rVB2	1224288	1401691	8.20%	0.534%
78	13.555	997	999	1005	rVB2	734841	1344096	7.86%	0.512%
79	13.669	1005	1009	1011	rBV2	819853	1400389	8.19%	0.534%
80	13.784	1016	1019	1020	rVV2	627921	1217147	7.12%	0.464%
81	13.818	1020	1022	1025	rVV3	971559	2391430	13.99%	0.912%
82	13.864	1025	1026	1031	rVV2	443385	824561	4.82%	0.314%
83	13.932	1031	1032	1037	rVV3	376488	884061	5.17%	0.337%
84	14.035	1037	1041	1043	rVV2	2969939	5703618	33.36%	2.174%
85	14.069	1043	1044	1048	rVV2	2684163	3749467	21.93%	1.429%
86	14.149	1048	1051	1052	rVV2	415005	852678	4.99%	0.325%
87	14.184	1052	1054	1057	rVV2	1136791	1458693	8.53%	0.556%
88	14.264	1059	1061	1067	rVV4	381936	748578	4.38%	0.285%
89	14.378	1067	1071	1073	rVV4	293817	858737	5.02%	0.327%
90	14.424	1073	1075	1076	rVV	869345	1044485	6.11%	0.398%
91	14.458	1076	1078	1080	rVV2	427575	712200	4.17%	0.271%
92	14.515	1080	1083	1084	rVV3	548512	905562	5.30%	0.345%
93	14.572	1084	1088	1090	rVV3	680628	1449950	8.48%	0.553%
94	15.075	1128	1132	1136	rBV	1561702	4116790	24.08%	1.569%
95	15.361	1154	1157	1160	rVB	1031508	1412108	8.26%	0.538%
96	15.429	1160	1163	1165	rBV	1536018	2306523	13.49%	0.879%
97	15.509	1169	1170	1174	rVB2	359905	564861	3.30%	0.215%
98	16.915	1288	1293	1296	rBV	631654	1427304	8.35%	0.544%
99	17.350	1326	1331	1336	rBV	508327	1178364	6.89%	0.449%
100	19.510	1514	1520	1529	rVB	121186	531243	3.11%	0.202%

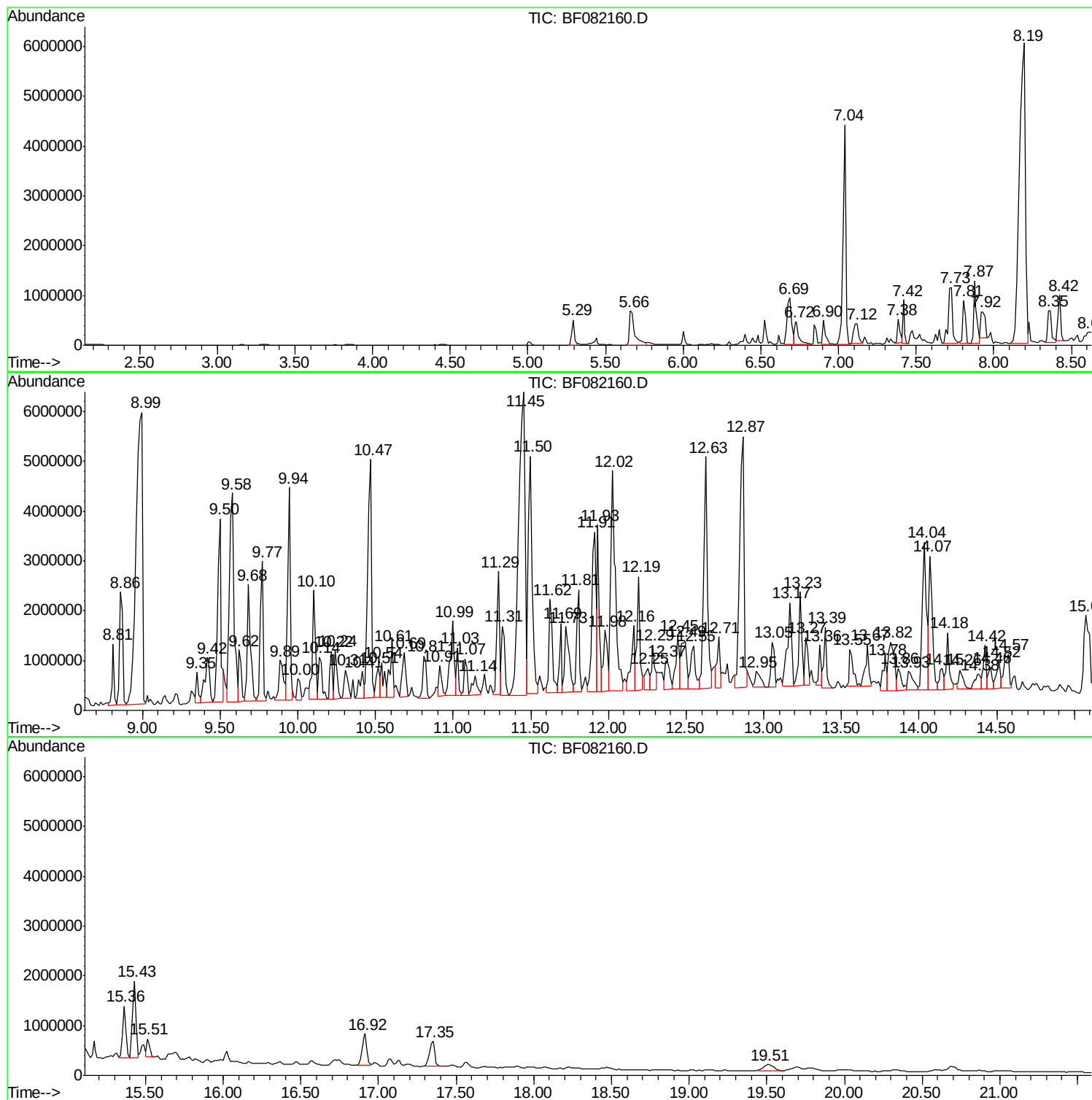
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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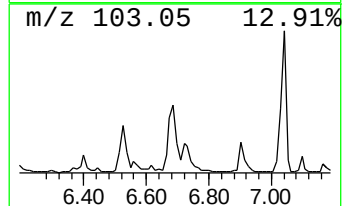
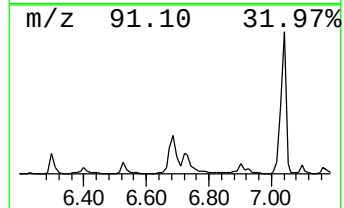
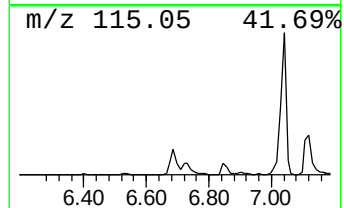
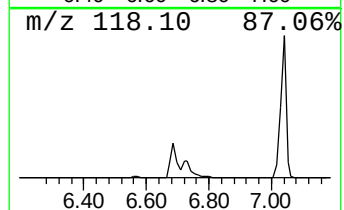
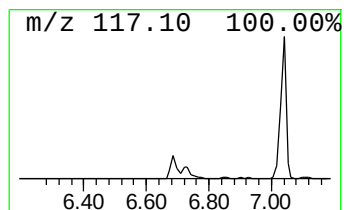
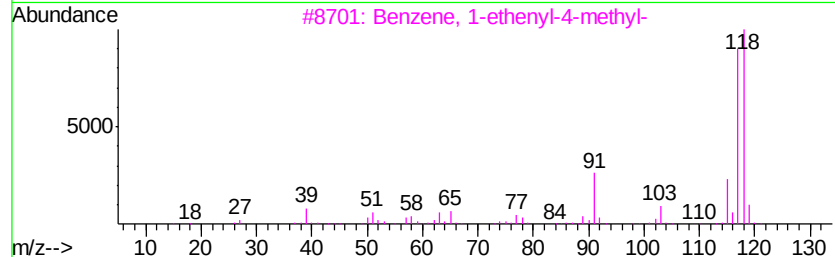
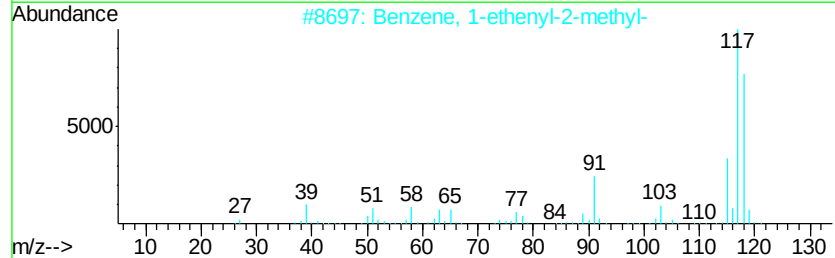
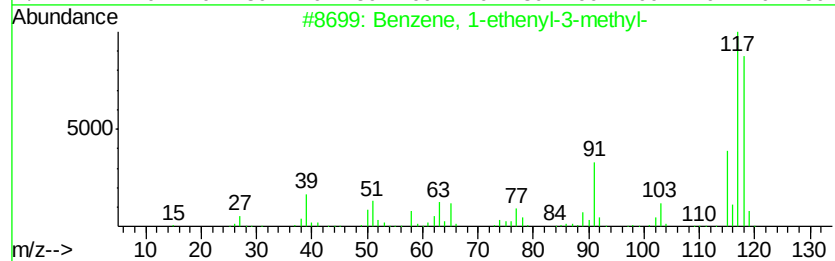
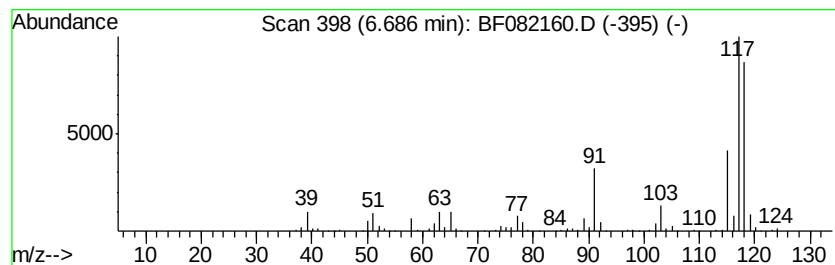
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	67.29 ng	1795690	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91



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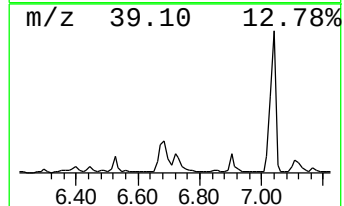
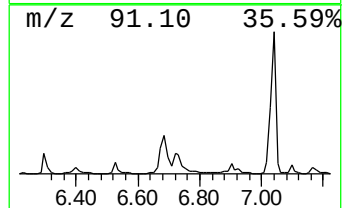
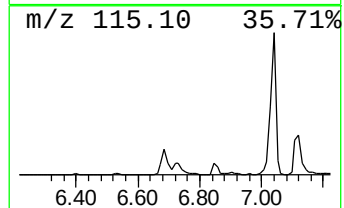
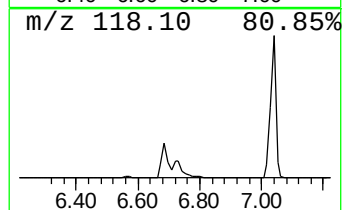
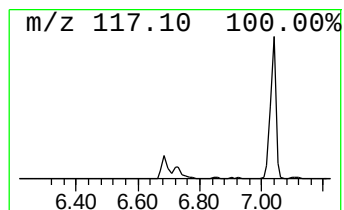
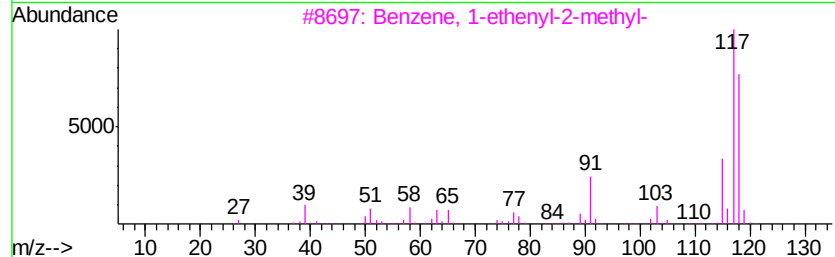
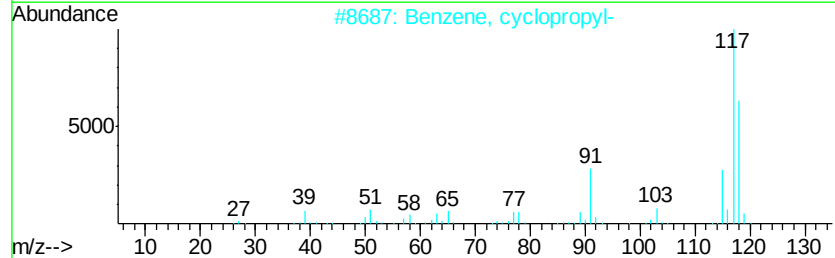
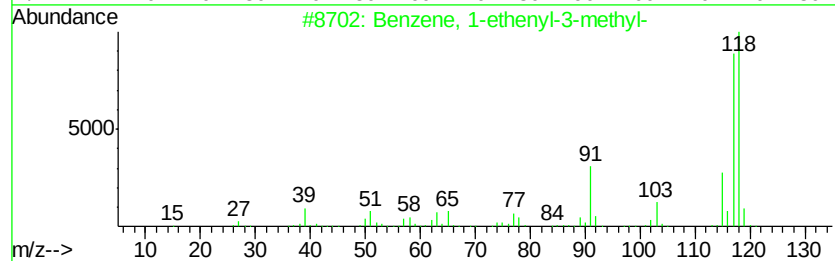
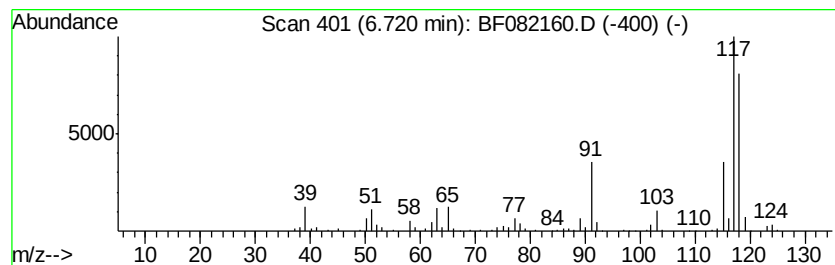
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	32.23 ng	860010	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	93
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



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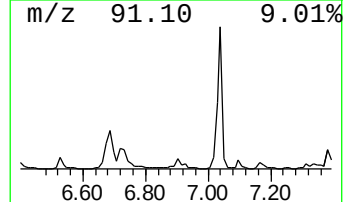
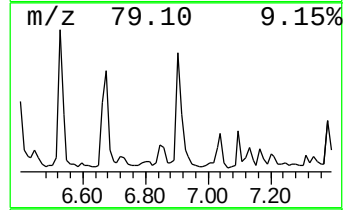
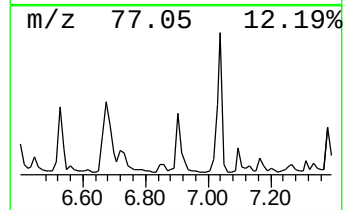
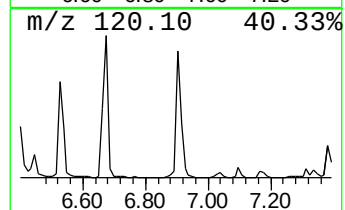
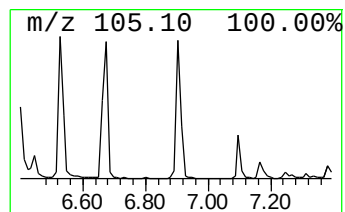
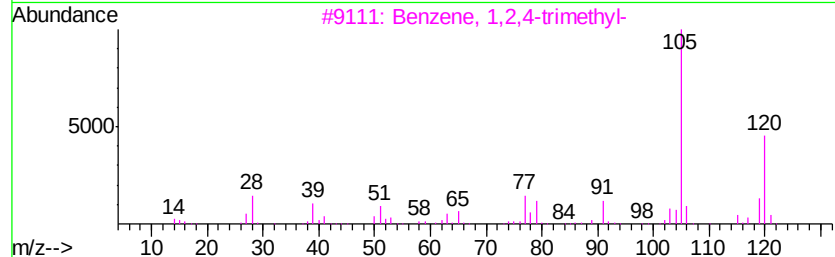
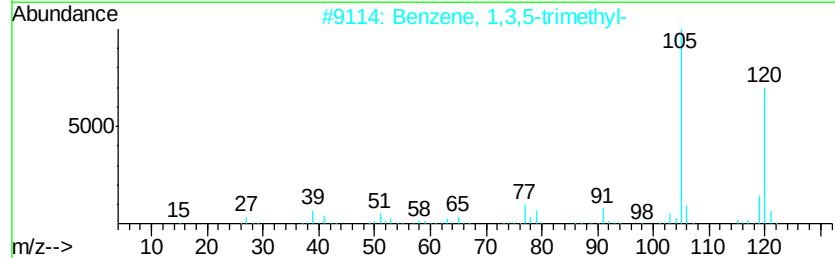
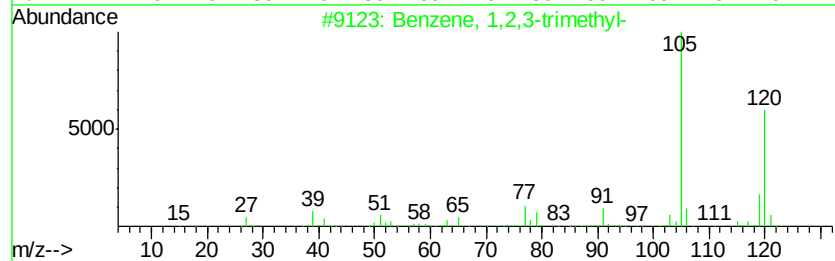
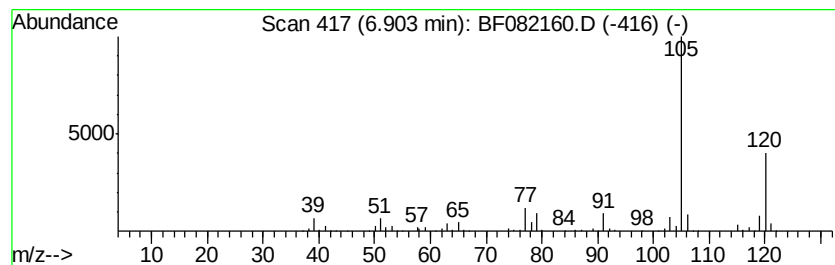
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	20.00 ng	533696	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Operator : UM/IZ
Sample : G3974-01 10X
Misc :
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ClientSampleId :
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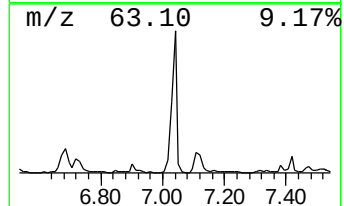
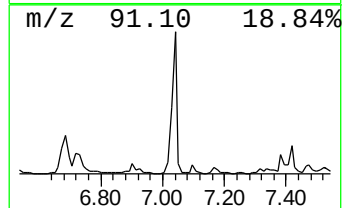
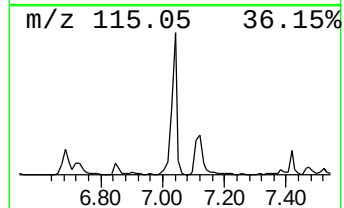
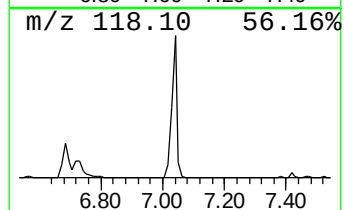
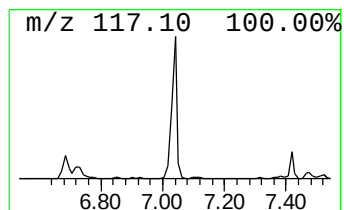
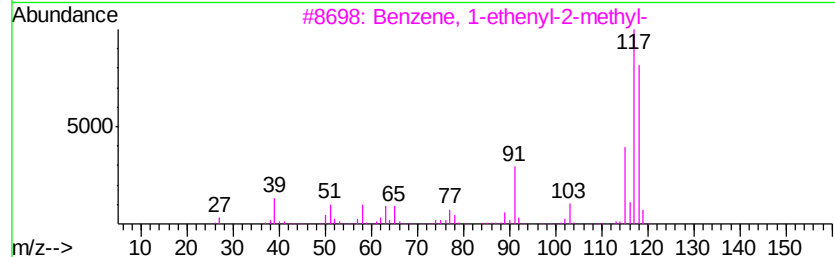
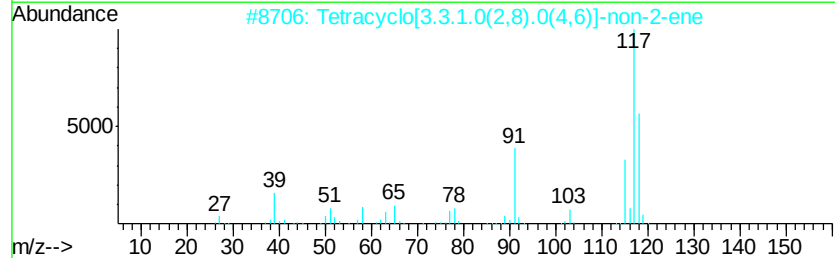
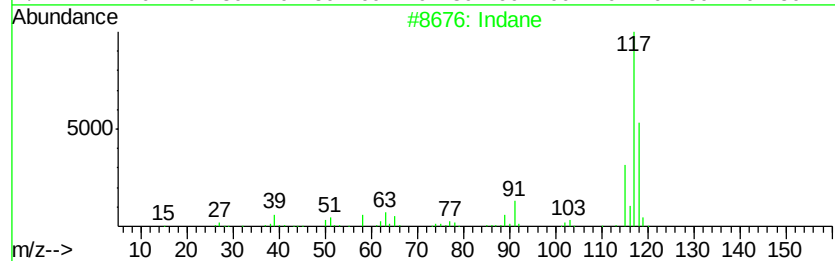
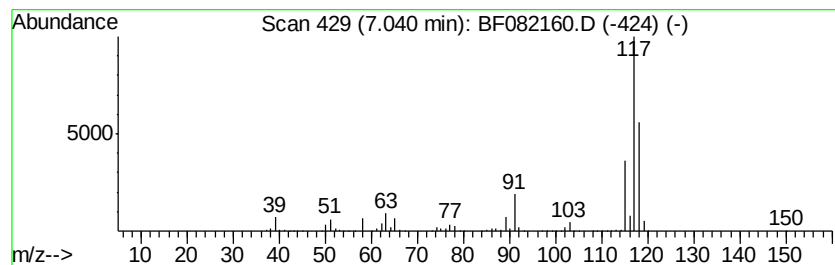
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	196.92 ng	5254710	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	94
2		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5		Deltacyclene	118	C9H10	007785-10-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
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Misc :
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Instrument :
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ClientSampleId :
MGP222BR-12-14

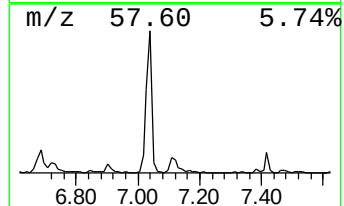
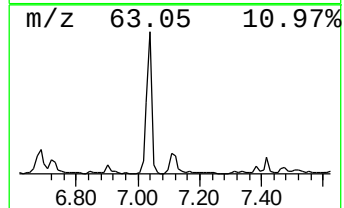
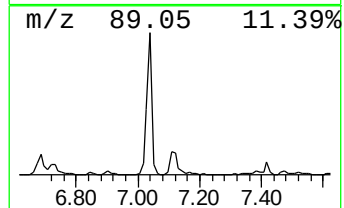
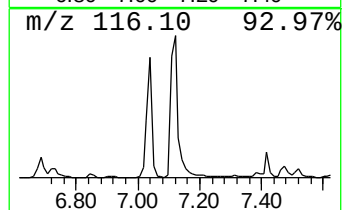
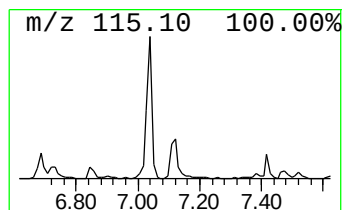
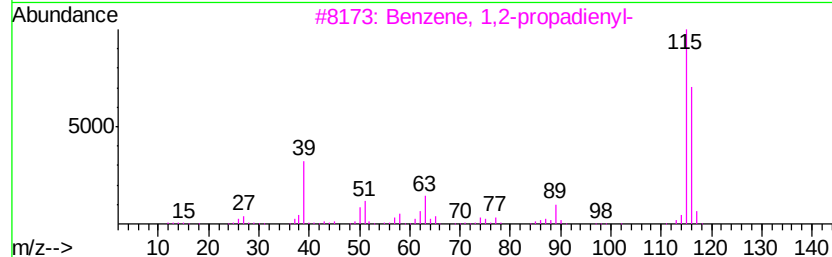
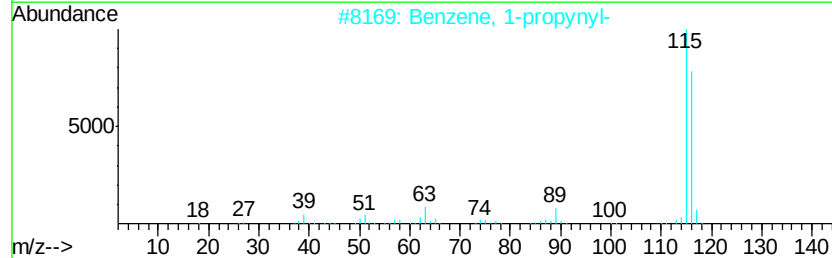
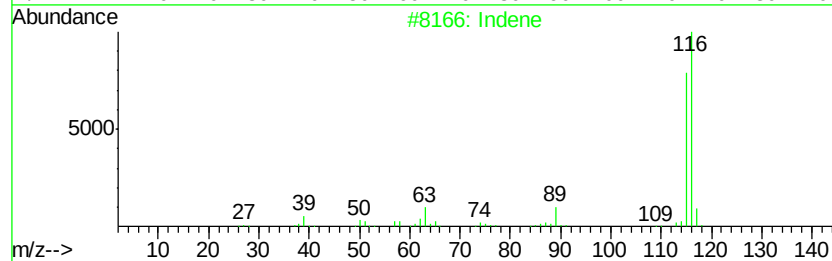
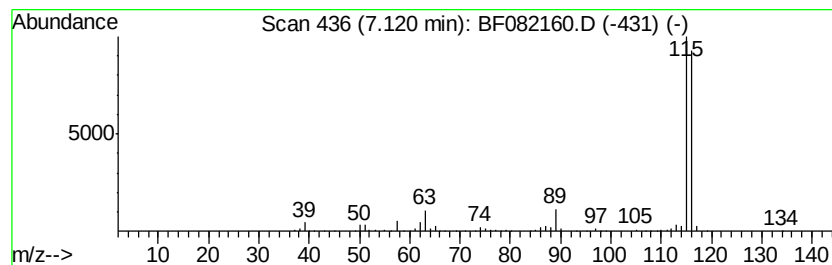
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	31.56 ng	842070	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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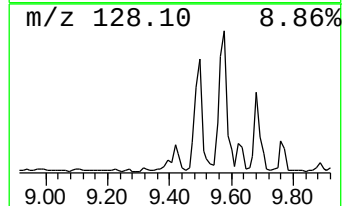
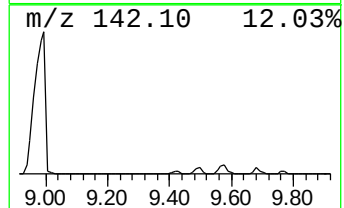
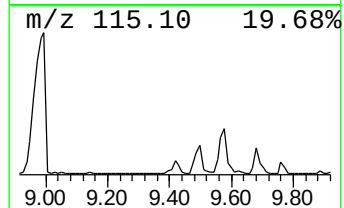
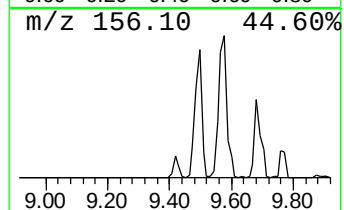
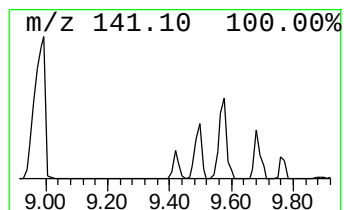
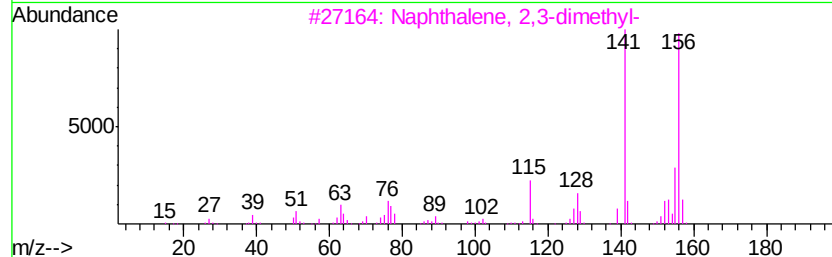
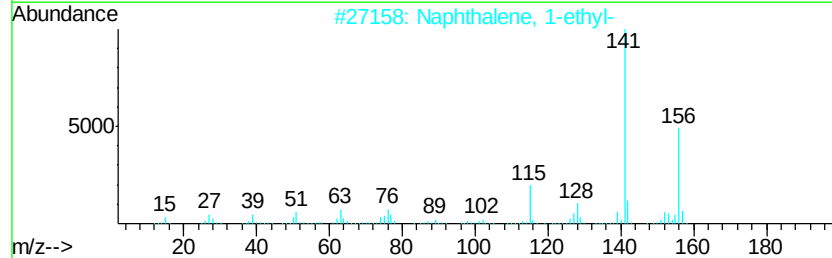
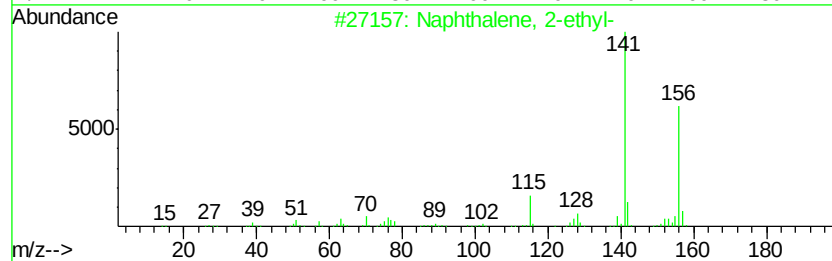
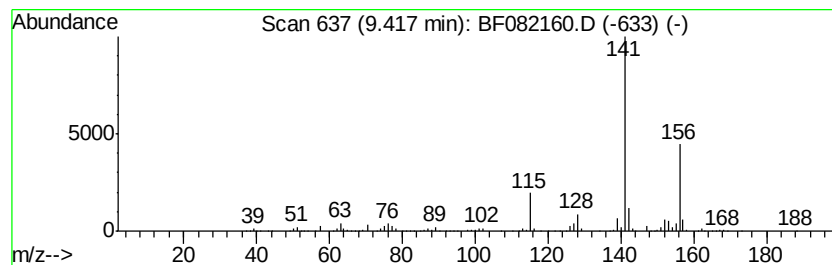
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	22.53 ng	1917370	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
5		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
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Operator : UM/IZ
Sample : G3974-01 10X
Misc :
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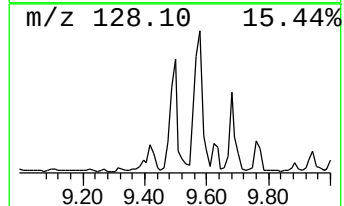
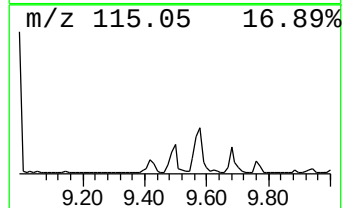
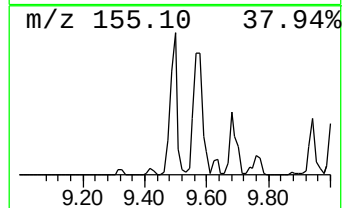
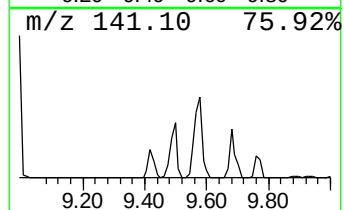
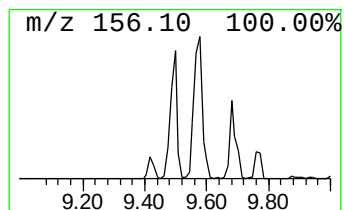
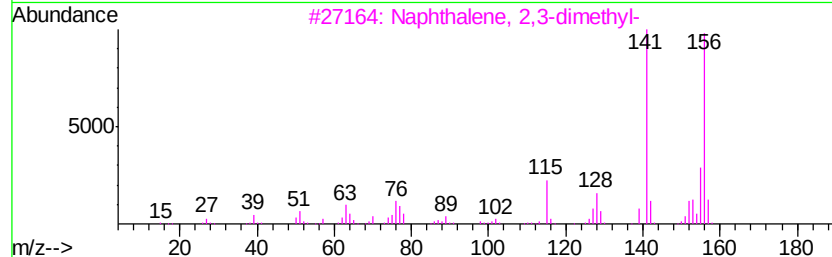
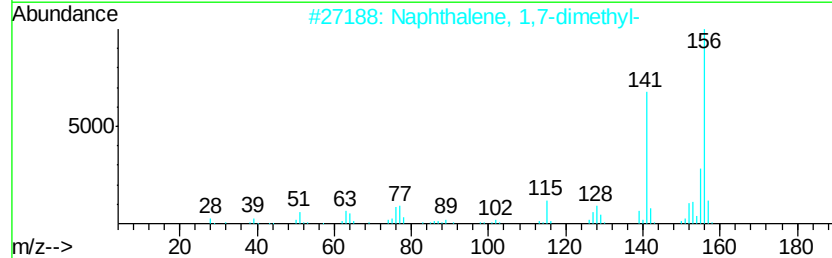
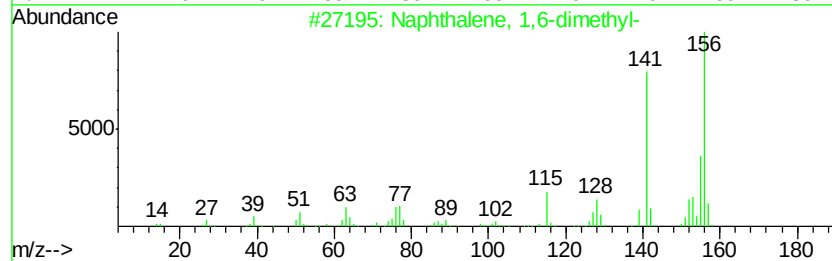
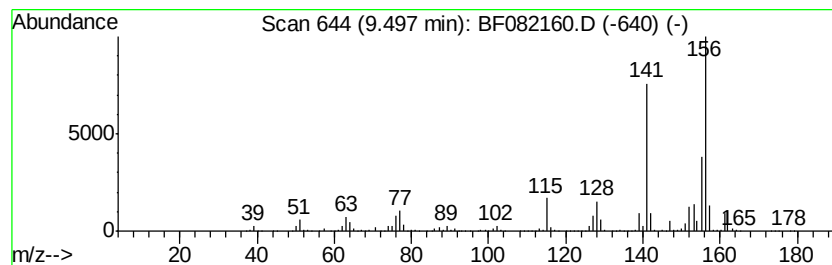
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.50	71.54 ng	6089310	Acenaphthene-d10		9.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
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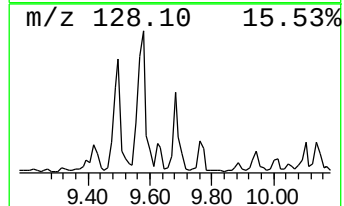
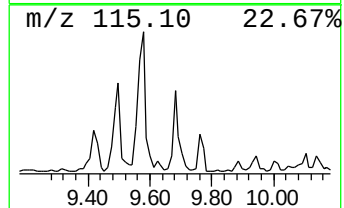
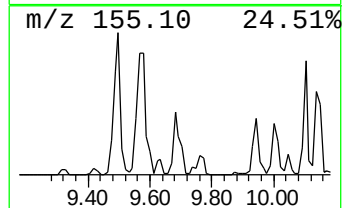
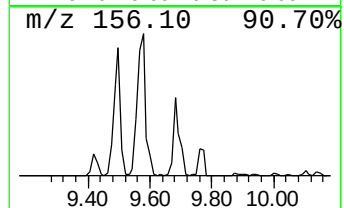
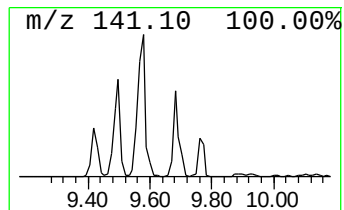
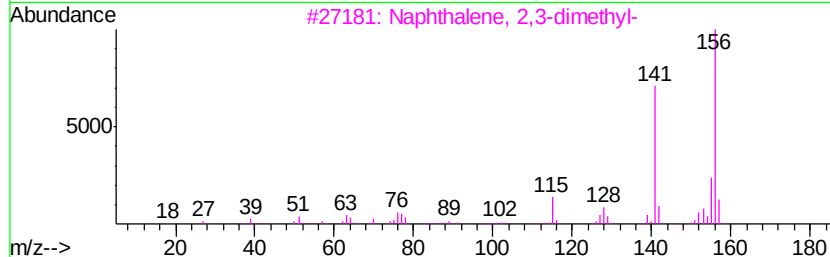
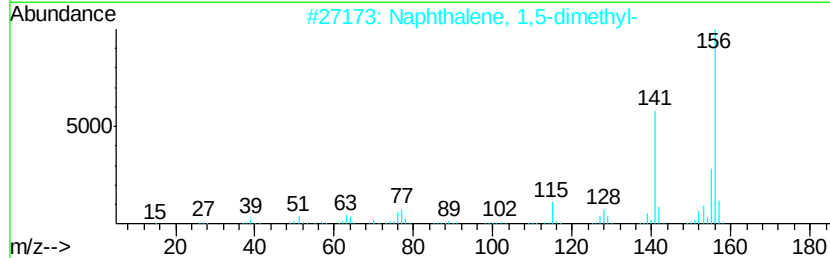
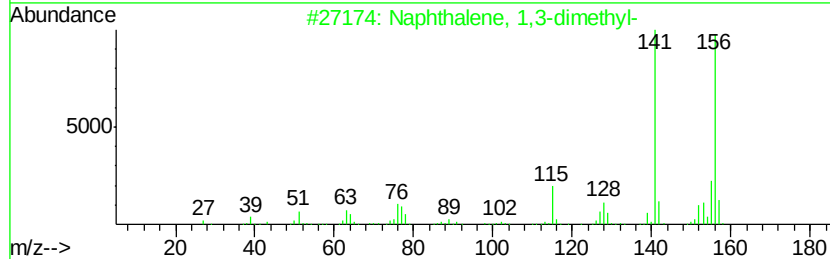
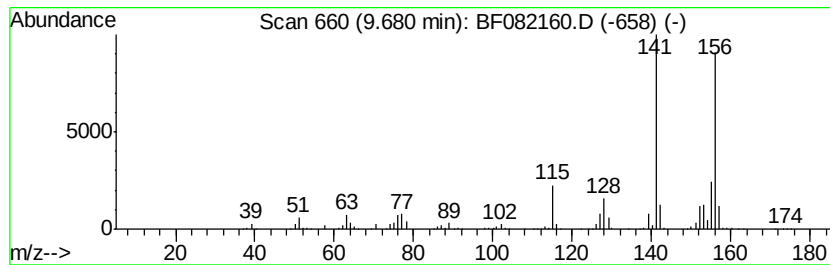
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.68	38.63 ng	3287890	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
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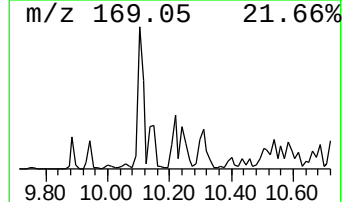
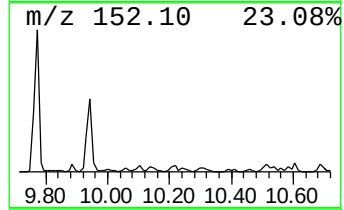
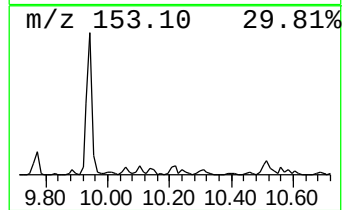
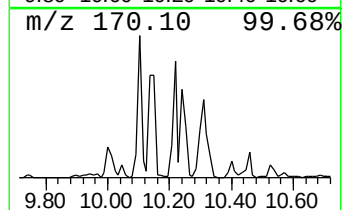
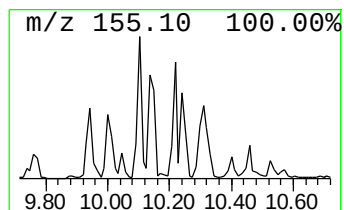
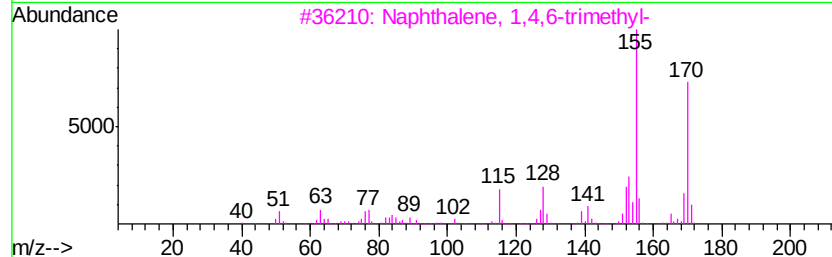
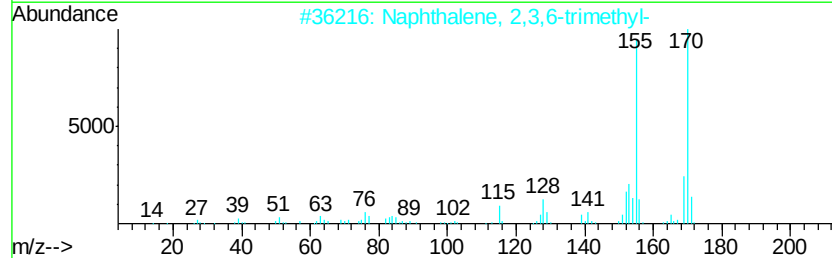
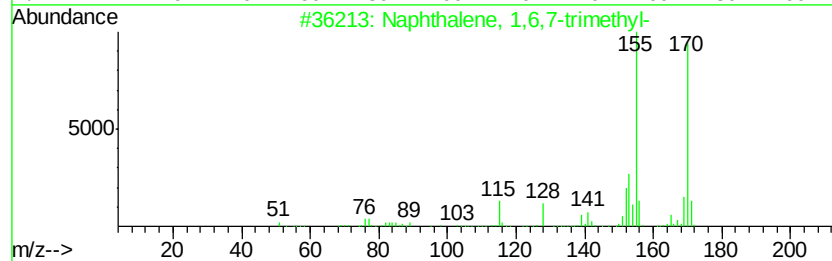
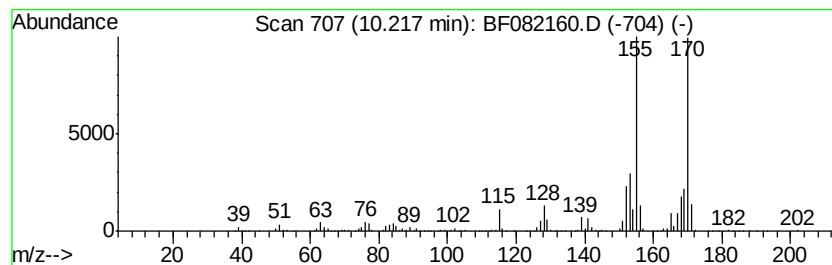
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	13.55 ng	1153290	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5			Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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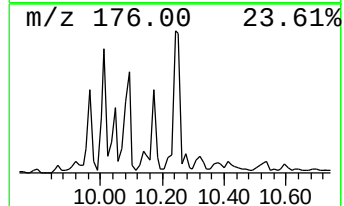
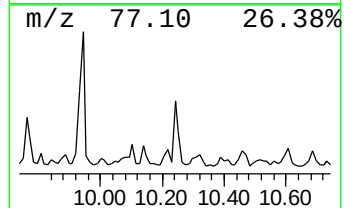
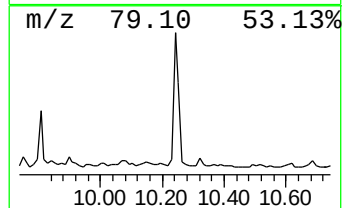
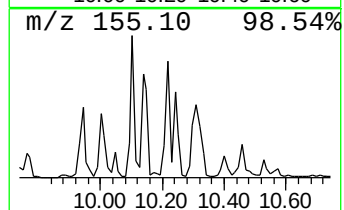
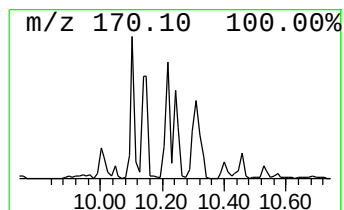
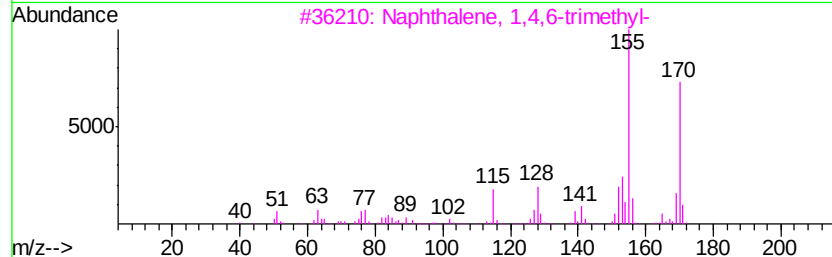
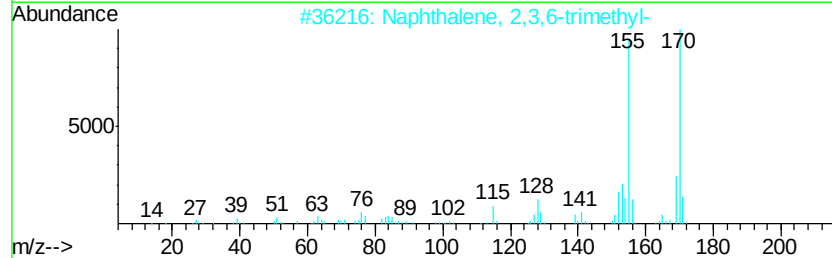
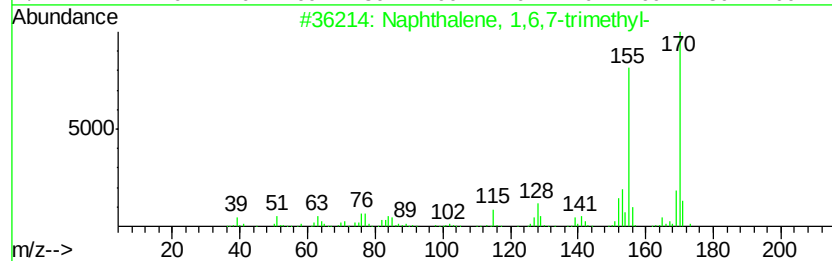
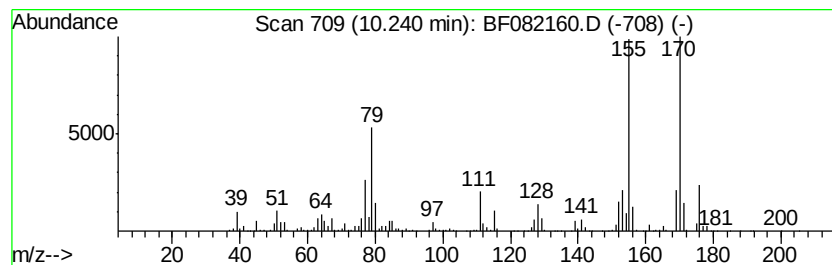
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.24	13.29 ng	1131460	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP222BR-12-14

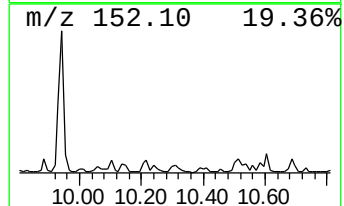
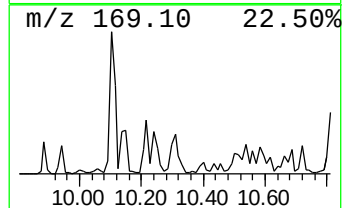
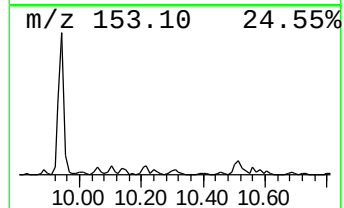
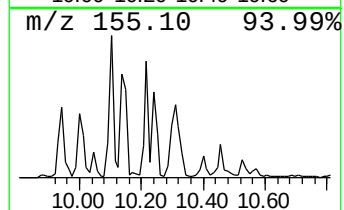
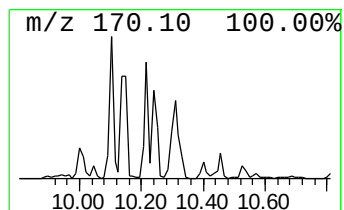
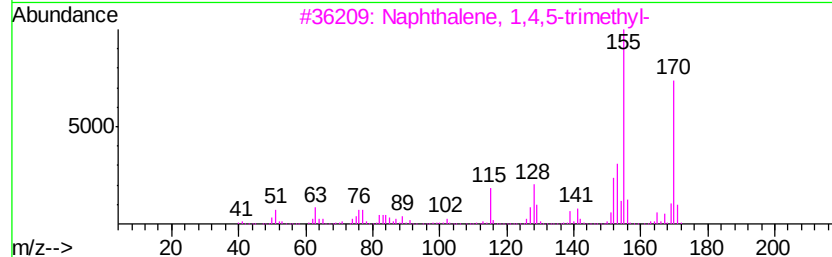
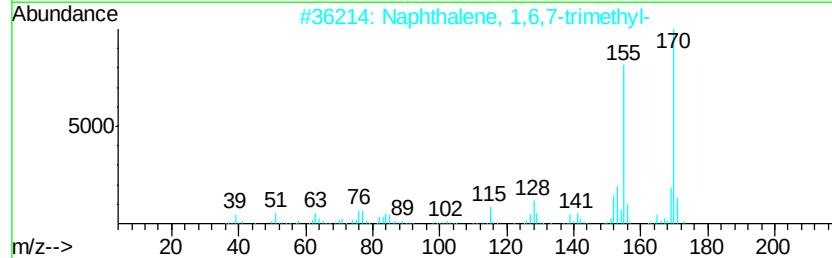
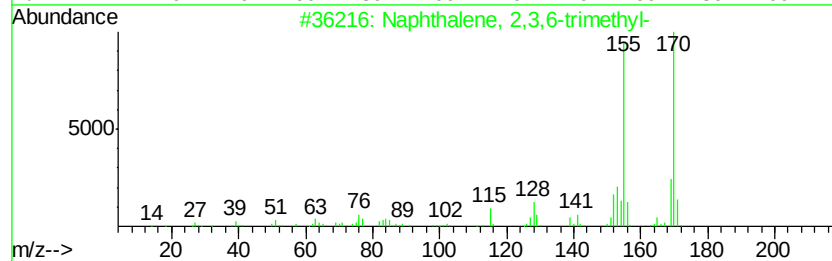
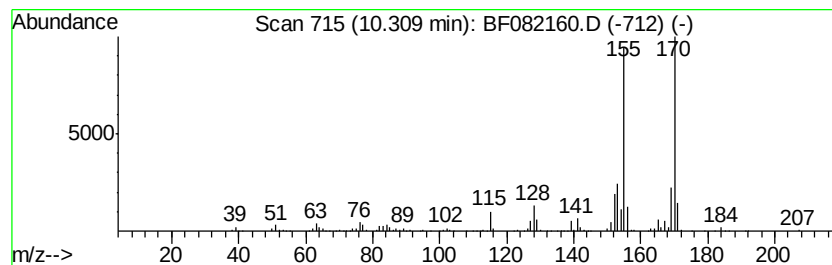
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	13.41 ng	1141620	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

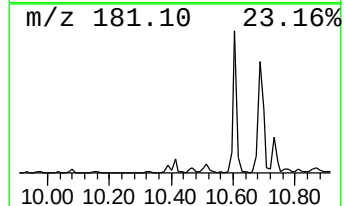
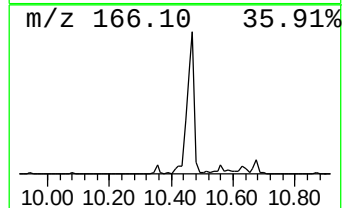
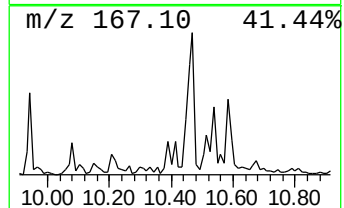
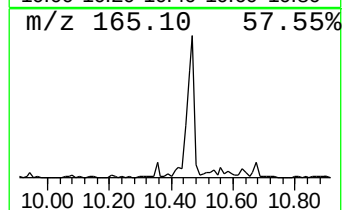
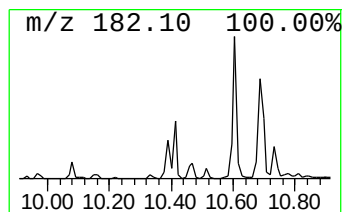
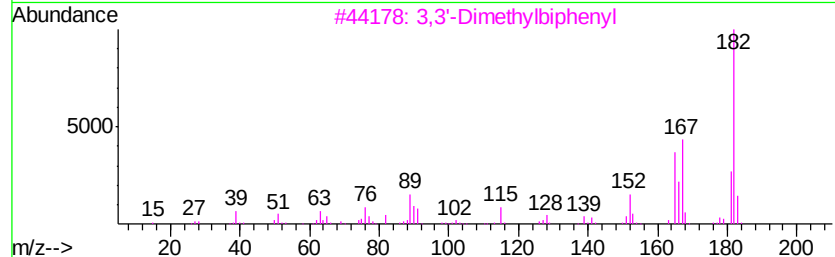
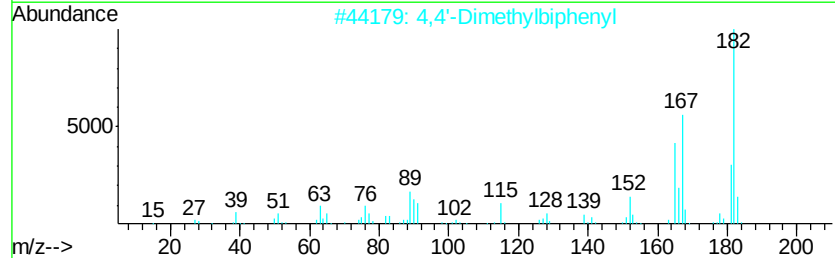
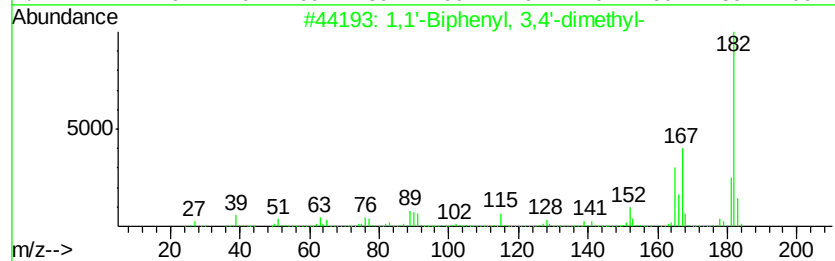
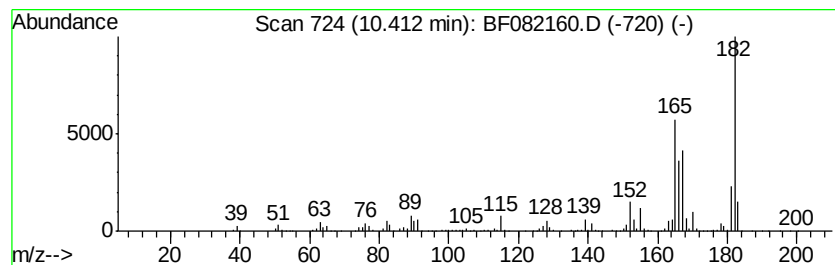
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.41	11.94 ng	1016290	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	94
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	90
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	47
5	7-Phosphabicyclo[2.2.1]hept-2-en...	182	C11H19P	1000151-83-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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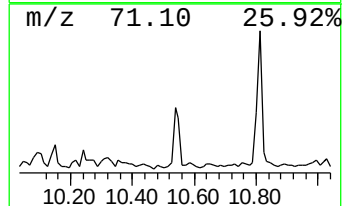
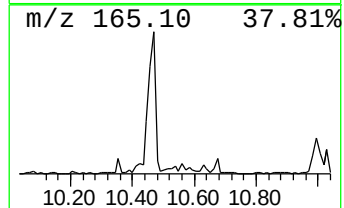
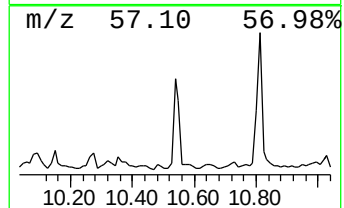
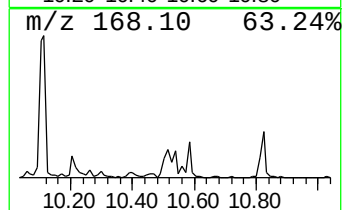
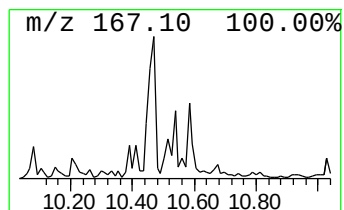
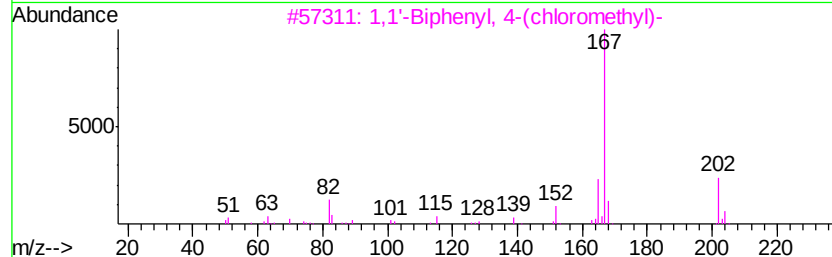
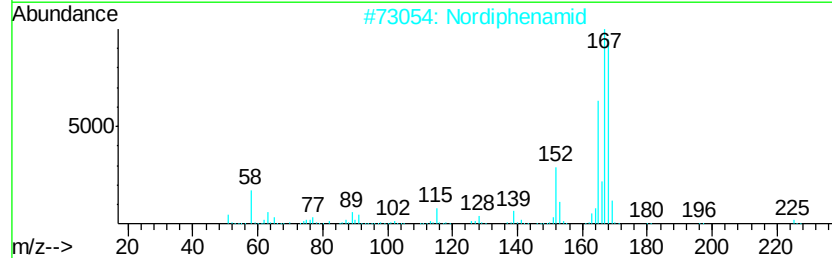
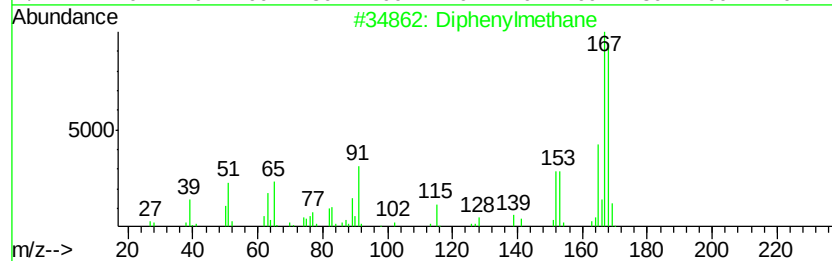
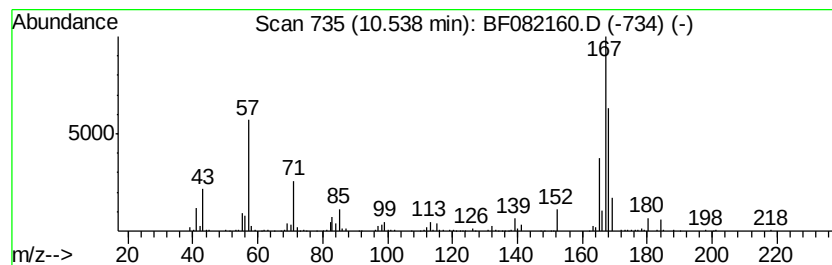
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Diphenylmethane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	13.21 ng	1124580	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	52
2		Nordiphenamid	225	C15H15NO	000954-21-2	47
3		1,1'-Biphenyl, 4-(chloromethyl)-	202	C13H11Cl	001667-11-4	47
4		Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	47
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
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ALS Vial : 19 Sample Multiplier: 1

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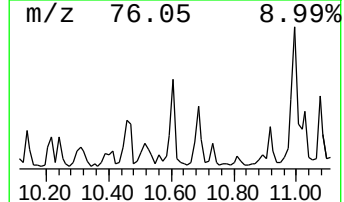
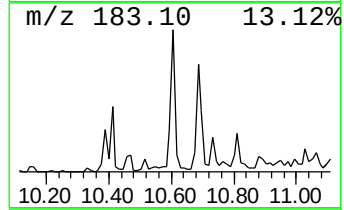
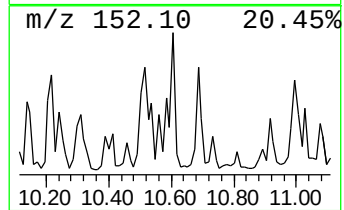
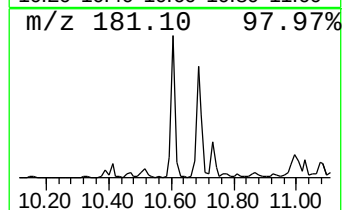
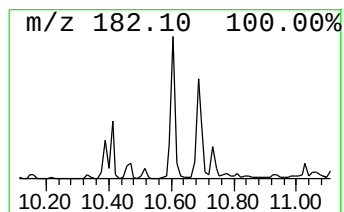
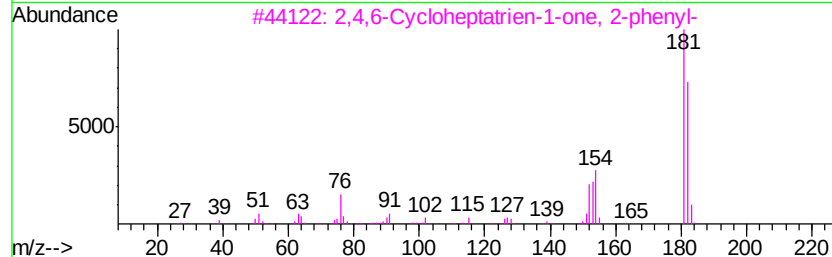
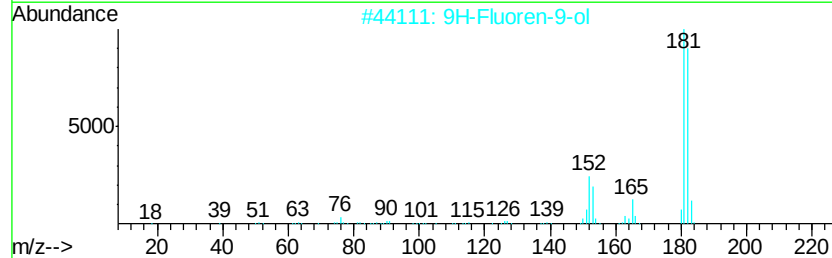
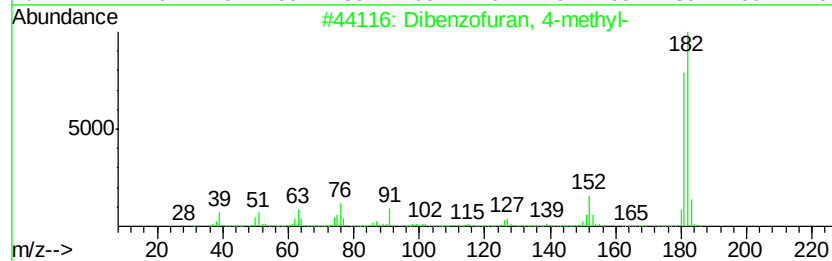
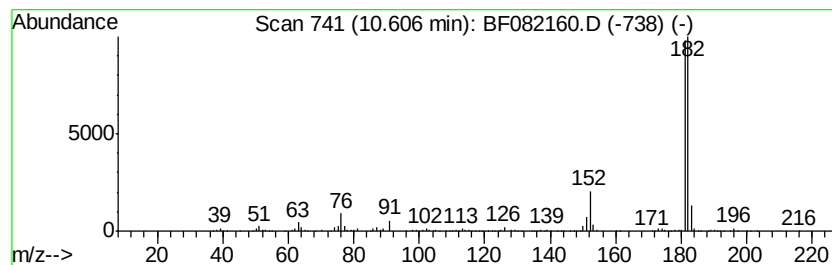
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	18.01 ng	1532780	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4		Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
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Instrument :
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ClientSampleId :
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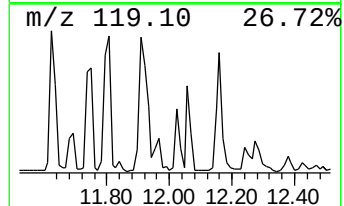
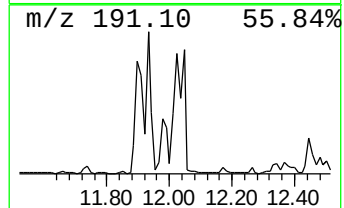
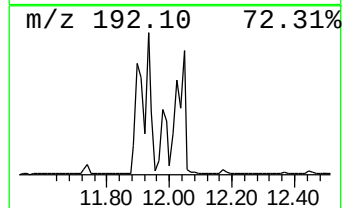
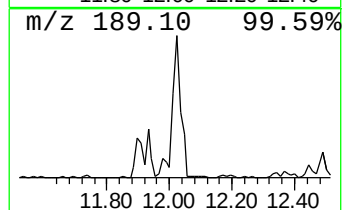
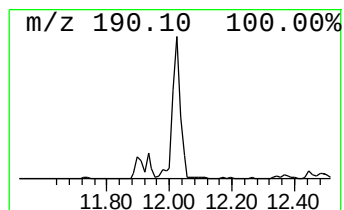
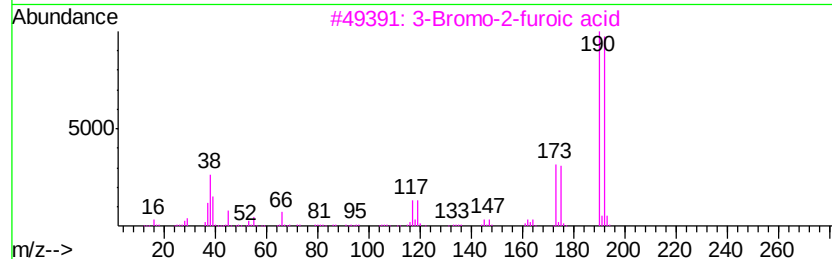
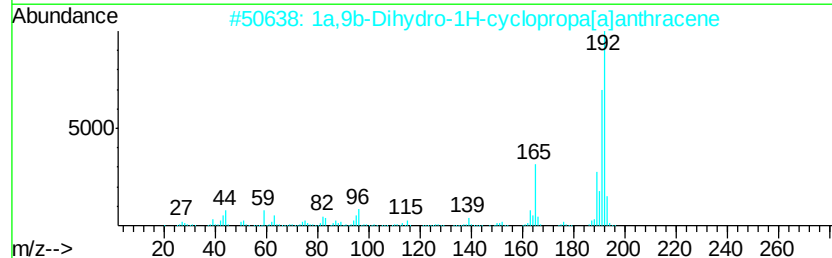
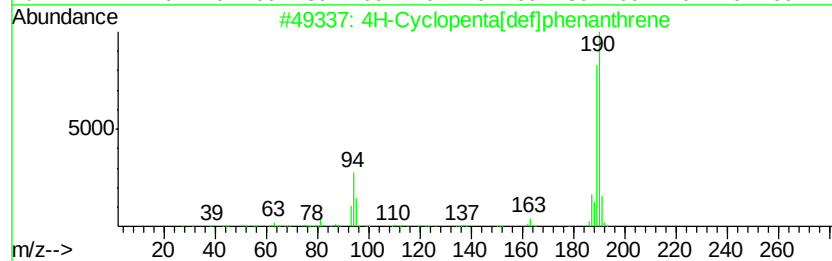
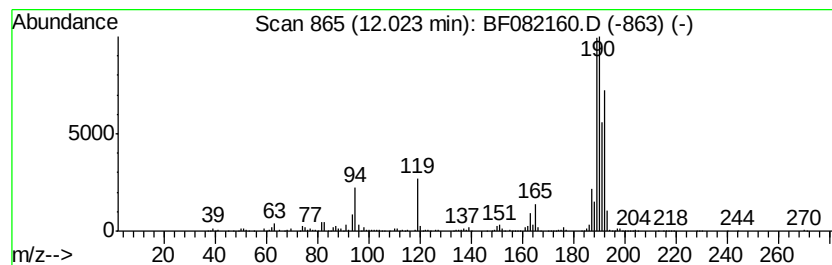
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	11.14 ng	9523310	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	35
3		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	20
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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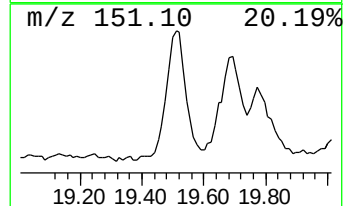
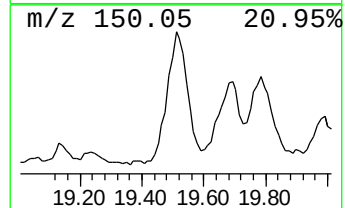
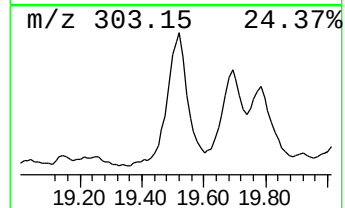
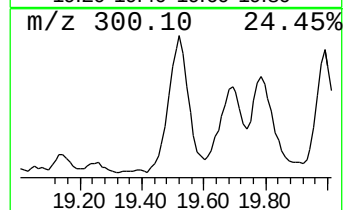
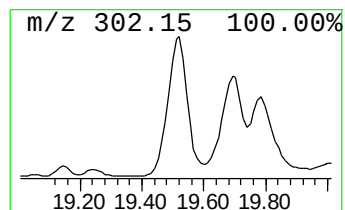
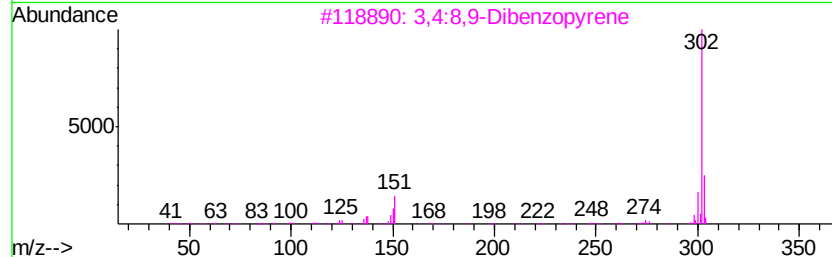
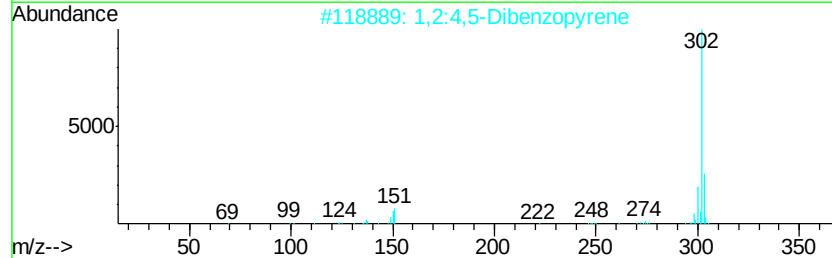
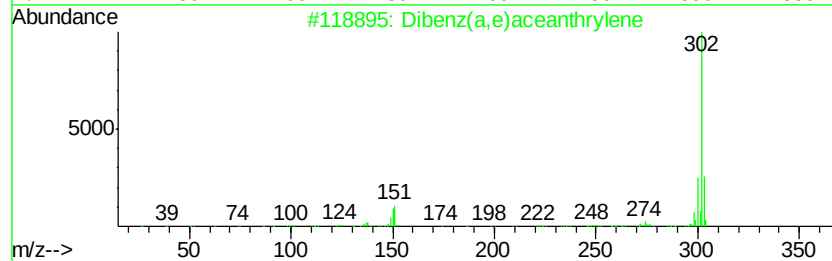
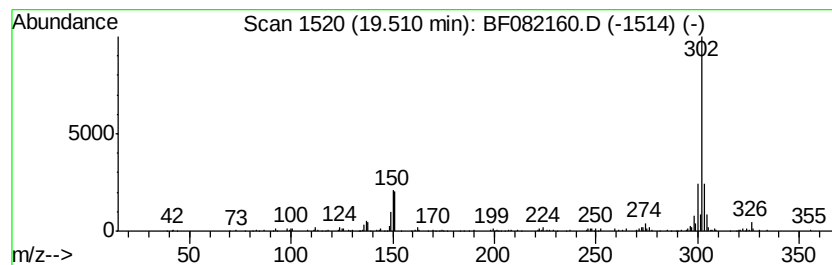
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	18.81 ng	531243	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	95
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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Benzene, cyclopro...	6.72	32.2	ng	860010	1	6.85	533696	20.0
Benzene, 1,2,3-tr...	6.90	20.0	ng	533696	1	6.85	533696	20.0
Indane	7.04	196.9	ng	5254710	1	6.85	533696	20.0
Indene	7.12	31.6	ng	842070	1	6.85	533696	20.0
Naphthalene, 2-et...	9.42	22.5	ng	1917370	3	9.90	1702340	20.0
Naphthalene, 1,6-...	9.50	71.5	ng	6089310	3	9.90	1702340	20.0
Naphthalene, 1,3-...	9.68	38.6	ng	3287890	3	9.90	1702340	20.0
Naphthalene, 1,6,...	10.22	13.6	ng	1153290	3	9.90	1702340	20.0
Naphthalene, 2,3,...	10.24	13.3	ng	1131460	3	9.90	1702340	20.0
Naphthalene, 1,4,...	10.31	13.4	ng	1141620	3	9.90	1702340	20.0
1,1'-Biphenyl, 3,...	10.41	11.9	ng	1016290	3	9.90	1702340	20.0
Diphenylmethane	10.54	13.2	ng	1124580	3	9.90	1702340	20.0
Dibenzofuran, 4-m...	10.61	18.0	ng	1532780	3	9.90	1702340	20.0
4H-Cyclopenta[def...	12.02	11.1	ng	9523310	4	11.41	17098700	20.0
Dibenz(a,e)aceant...	19.51	18.8	ng	531243	6	15.49	564861	20.0