

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
 Data File : BF082336.D
 Acq On : 16 Oct 2015 20:12
 Operator : UM/IZ
 Sample : G4046-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902

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-BF101015.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	6.915	417	418	421	rBV	222353	281858	1.98%	0.210%
2	8.206	529	531	533	rBV	429011	437561	3.07%	0.325%
3	9.269	623	624	627	rVB	151192	162536	1.14%	0.121%
4	9.600	650	653	657	rBV	108857	177216	1.24%	0.132%
5	9.715	657	663	665	rBV3	159344	247779	1.74%	0.184%
6	9.818	669	672	674	rVB	293968	282791	1.98%	0.210%
7	9.955	682	684	685	rBV	685904	580405	4.07%	0.431%
8	9.989	685	687	688	rVB	183404	178370	1.25%	0.133%
9	10.023	688	690	691	rBV	249903	225996	1.59%	0.168%
10	10.103	695	697	700	rVB3	153624	293989	2.06%	0.219%
11	10.161	700	702	704	rBV	320964	314026	2.20%	0.233%
12	10.446	722	727	730	rBV4	118338	317920	2.23%	0.236%
13	10.503	730	732	734	rBV	1614903	1474870	10.35%	1.096%
14	10.561	734	737	740	rBV3	255707	563941	3.96%	0.419%
15	10.629	740	743	744	rVV3	78866	183036	1.28%	0.136%
16	10.652	744	745	747	rVB	379428	483399	3.39%	0.359%
17	10.743	747	753	755	rBV	738008	1092251	7.66%	0.812%
18	10.789	755	757	759	rVB2	207991	221438	1.55%	0.165%
19	10.869	761	764	766	rBV3	159534	301805	2.12%	0.224%
20	10.995	771	775	776	rBV3	155588	199195	1.40%	0.148%
21	11.052	776	780	781	rBV2	878690	1377567	9.66%	1.024%
22	11.075	781	782	784	rVV	372492	366457	2.57%	0.272%
23	11.132	785	787	788	rVB2	342168	303083	2.13%	0.225%
24	11.201	788	793	796	rBV2	729135	1693598	11.88%	1.259%
25	11.258	796	798	800	rVV	2105961	2456018	17.23%	1.826%
26	11.292	800	801	803	rVV	751610	759656	5.33%	0.565%
27	11.338	803	805	809	rVB	987931	1513950	10.62%	1.125%
28	11.498	812	819	820	rBV	6753486	13396198	93.98%	9.957%
29	11.544	820	823	825	rVV	5260970	6497108	45.58%	4.829%
30	11.624	827	830	832	rVB4	262244	462470	3.24%	0.344%
31	11.692	832	836	839	rBV2	2572137	3861459	27.09%	2.870%
32	11.738	839	840	842	rVV	661551	680659	4.77%	0.506%
33	11.784	842	844	846	rVB2	882833	1072667	7.52%	0.797%
34	11.864	846	851	853	rBV2	373272	744961	5.23%	0.554%

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35	11.909	853	855	856 rBV	299929	279991	1.96%	0.208%
36	11.955	856	859	860 rVV	2233055	2665271	18.70%	1.981%
37	11.978	860	861	863 rVB	2329061	3102789	21.77%	2.306%
38	12.035	863	866	867 rBV	706295	1080553	7.58%	0.803%
39	12.069	867	869	873 rVB2	3137208	4879299	34.23%	3.627%
40	12.126	873	874	875 rBV	387994	397112	2.79%	0.295%
41	12.161	875	877	878 rVV2	305558	425500	2.98%	0.316%
42	12.241	882	884	886 rVV	1584385	2065716	14.49%	1.535%
43	12.286	886	888	894 rVB2	2368414	3077621	21.59%	2.288%
44	12.389	894	897	898 rBV	636439	661317	4.64%	0.492%
45	12.424	898	900	901 rVV	653188	611716	4.29%	0.455%
46	12.446	901	902	904 rVB2	442316	400999	2.81%	0.298%
47	12.504	904	907	908 rBV	679079	1048460	7.36%	0.779%
48	12.561	908	912	913 rVV2	1299057	2079219	14.59%	1.545%
49	12.618	913	917	919 rVB	1111955	1736361	12.18%	1.291%
50	12.698	919	924	926 rBV	6336318	14254995	100.00%	10.596%
51	12.732	926	927	929 rVB	483149	440766	3.09%	0.328%
52	12.824	932	935	937 rBV	1024502	1301439	9.13%	0.967%
53	12.927	939	944	945 rVV2	5230675	11322813	79.43%	8.416%
54	12.949	945	946	949 rVB	1122077	966706	6.78%	0.719%
55	13.018	949	952	954 rBV	1000110	1254359	8.80%	0.932%
56	13.064	954	956	958 rVB2	396362	477006	3.35%	0.355%
57	13.121	958	961	963 rBV2	928532	1659055	11.64%	1.233%
58	13.235	969	971	972 rVB	1407963	1464177	10.27%	1.088%
59	13.304	974	977	978 rVV	671653	895210	6.28%	0.665%
60	13.338	978	980	984 rVV2	1159179	1927800	13.52%	1.433%
61	13.395	984	985	987 rVV2	354805	302508	2.12%	0.225%
62	13.429	987	988	990 rVV	316428	440557	3.09%	0.327%
63	13.464	990	991	995 rVB2	435304	584983	4.10%	0.435%
64	13.532	995	997	1001 rVB3	109622	270118	1.89%	0.201%
65	13.647	1003	1007	1008 rBV3	166086	449710	3.15%	0.334%
66	13.669	1008	1009	1013 rVB3	260962	327827	2.30%	0.244%
67	13.761	1015	1017	1019 rVV	1420057	1816384	12.74%	1.350%
68	13.818	1019	1022	1024 rVV3	96180	175215	1.23%	0.130%
69	13.875	1024	1027	1029 rVV	1351185	1917006	13.45%	1.425%
70	13.909	1029	1030	1031 rVV	884366	750069	5.26%	0.558%
71	13.932	1031	1032	1035 rVV2	526252	940608	6.60%	0.699%

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72	13.989	1035	1037	1041	rVV2	1572288	1957472	13.73%	1.455%
73	14.058	1041	1043	1046	rVV	209445	305306	2.14%	0.227%
74	14.138	1046	1050	1052	rVV	2182025	4441902	31.16%	3.302%
75	14.184	1052	1054	1058	rVV	2481296	3584574	25.15%	2.664%
76	14.264	1058	1061	1062	rVV3	299045	483902	3.39%	0.360%
77	14.321	1064	1066	1070	rVV5	230320	667506	4.68%	0.496%
78	14.401	1070	1073	1074	rVV2	297812	533667	3.74%	0.397%
79	14.435	1074	1076	1079	rVV2	216094	465160	3.26%	0.346%
80	14.527	1082	1084	1085	rVV	197377	232578	1.63%	0.173%
81	14.572	1085	1088	1089	rVV	524094	703172	4.93%	0.523%
82	14.607	1089	1091	1094	rVV3	333950	643833	4.52%	0.479%
83	14.675	1094	1097	1098	rVV2	174412	336201	2.36%	0.250%
84	14.710	1098	1100	1104	rVV2	231917	450865	3.16%	0.335%
85	14.790	1106	1107	1110	rVB	171095	181415	1.27%	0.135%
86	14.915	1114	1118	1123	rBV2	242686	461232	3.24%	0.343%
87	15.041	1126	1129	1130	rVV	163119	235352	1.65%	0.175%
88	15.110	1130	1135	1139	rVB3	172769	436983	3.07%	0.325%
89	15.281	1146	1150	1154	rBV	1275913	2898027	20.33%	2.154%
90	15.384	1157	1159	1160	rVB	142625	181458	1.27%	0.135%
91	15.475	1164	1167	1170	rBV2	66864	158899	1.11%	0.118%
92	15.578	1173	1176	1179	rVB	578813	798192	5.60%	0.593%
93	15.647	1179	1182	1184	rBV	495737	682211	4.79%	0.507%
94	15.704	1184	1187	1193	rVB2	397914	789365	5.54%	0.587%
95	16.870	1285	1289	1296	rVB5	63109	201381	1.41%	0.150%
96	17.144	1310	1313	1315	rBV	102144	217133	1.52%	0.161%
97	17.190	1315	1317	1319	rVV2	140904	258832	1.82%	0.192%
98	17.247	1319	1322	1326	rVB	98110	230215	1.61%	0.171%
99	17.418	1334	1337	1340	rVB2	83503	166697	1.17%	0.124%
100	17.636	1353	1356	1362	rVB	78804	175834	1.23%	0.131%

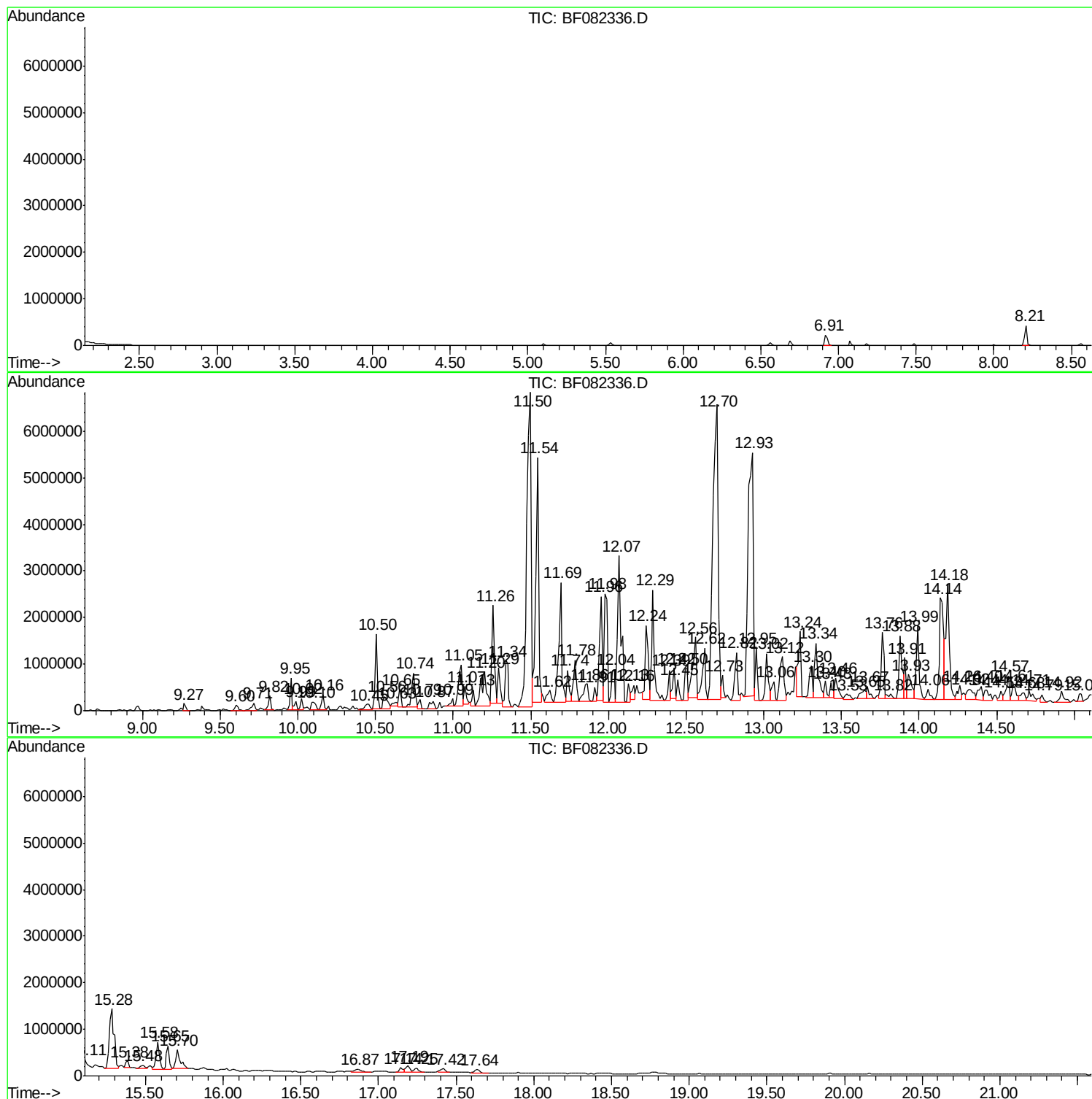
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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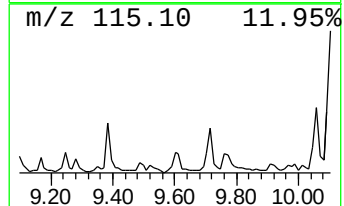
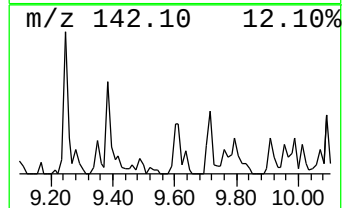
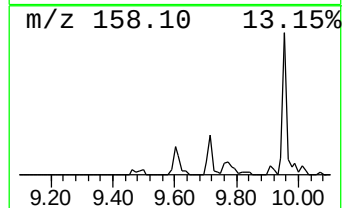
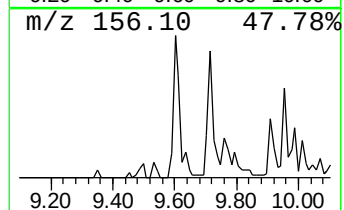
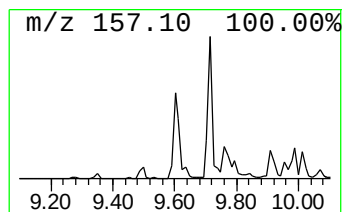
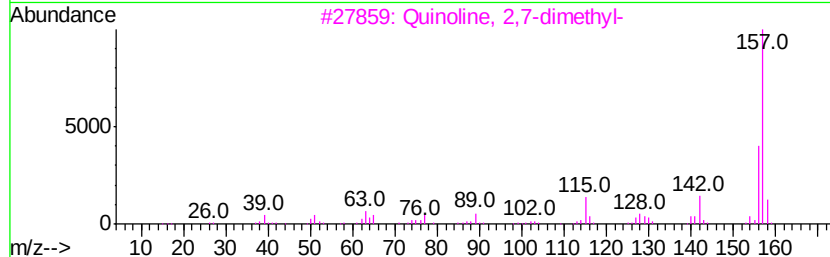
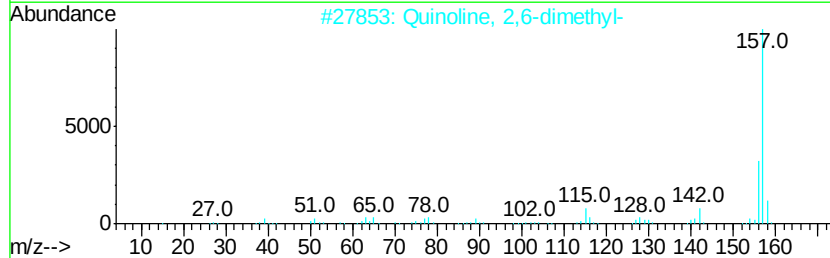
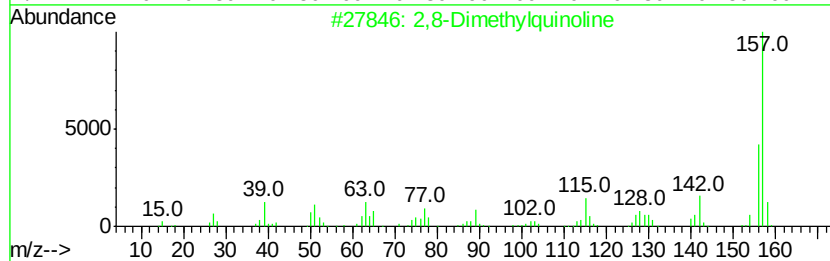
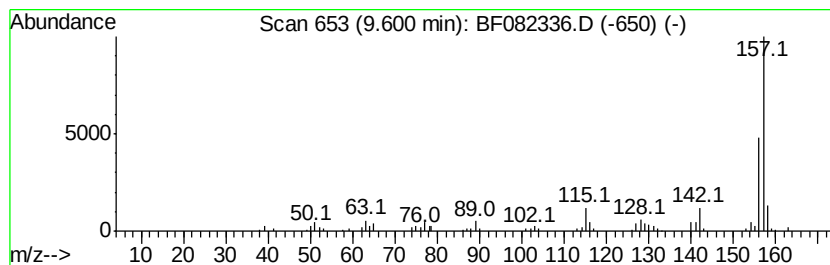
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,8-Dimethylquinoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.60	6.11 ng	177216	Acenaphthene-d10	9.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	97
2	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	97
3	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	96
4	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	81
5	1H-Pyrrole, 1-(4-methylphenyl)-	157	C11H11N	000827-60-1	80



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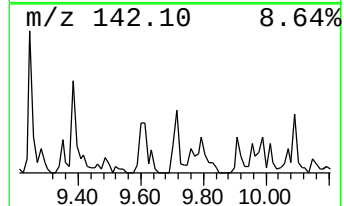
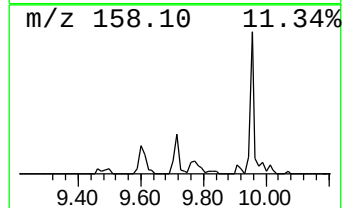
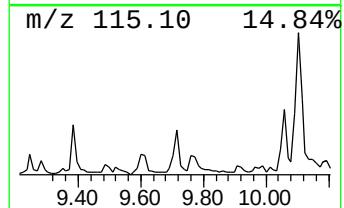
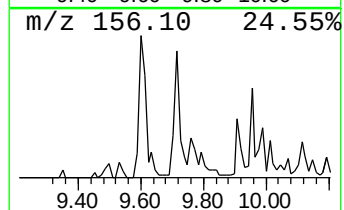
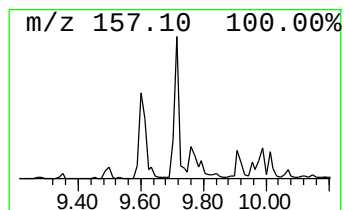
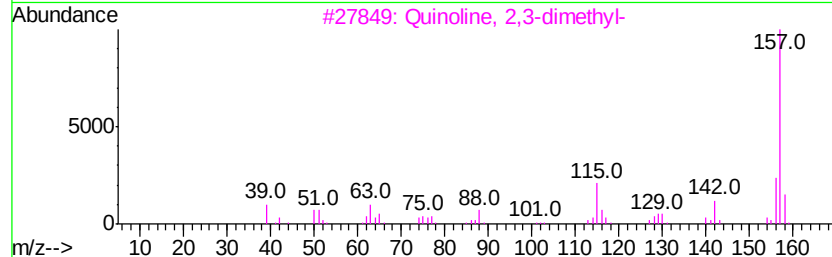
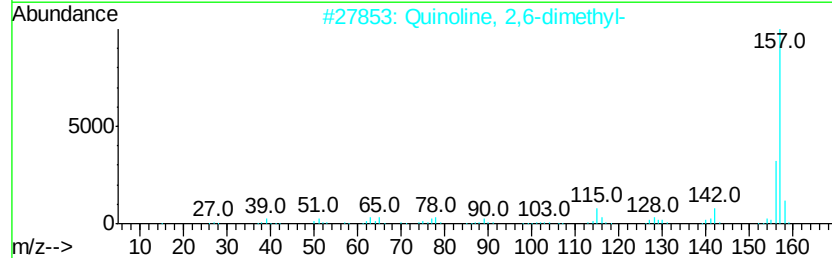
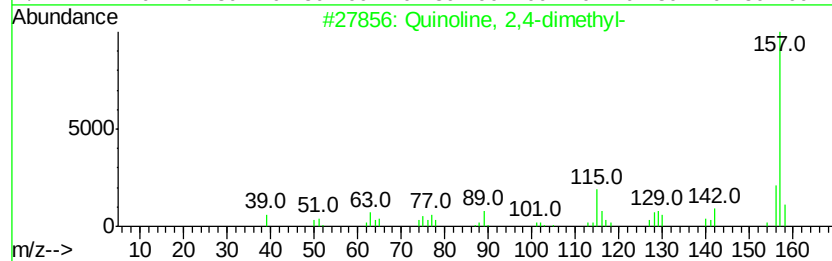
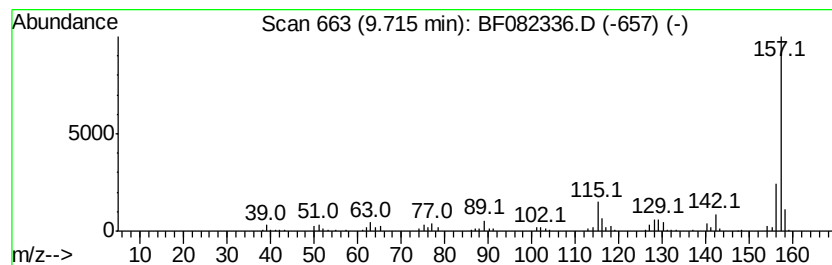
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Quinoline, 2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	8.54 ng	247779	Acenaphthene-d10	9.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	95
2			Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	91
3			Quinoline, 2,3-dimethyl-	157	C11H11N	001721-89-7	91
4			Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	86
5			Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	56



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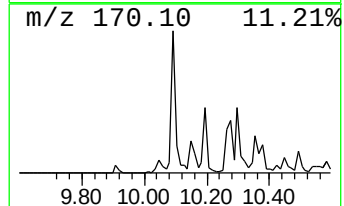
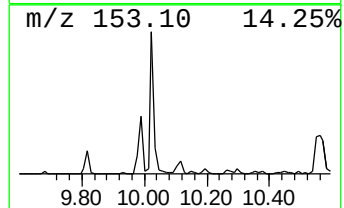
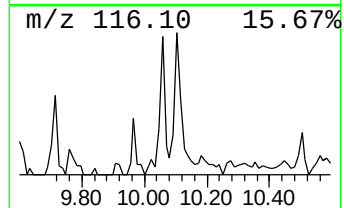
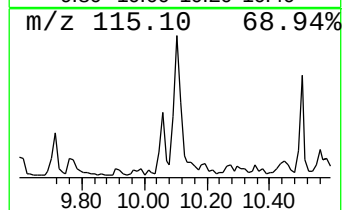
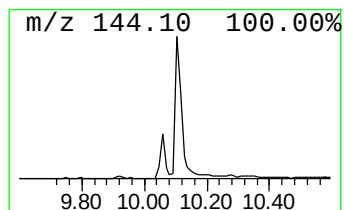
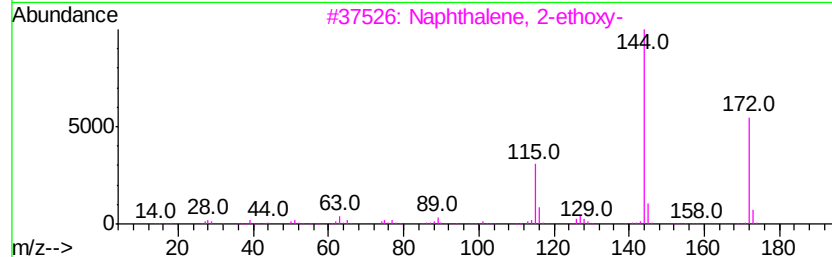
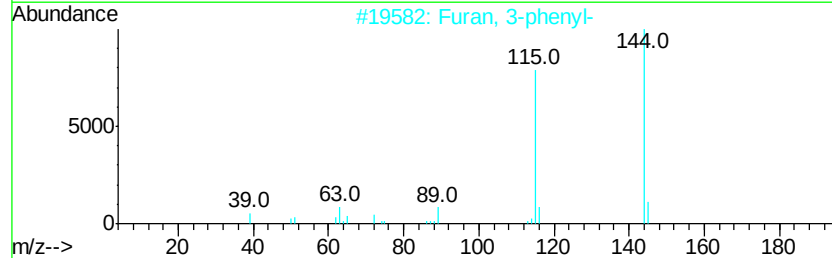
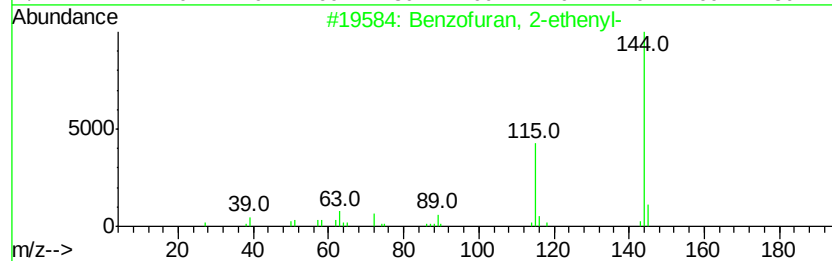
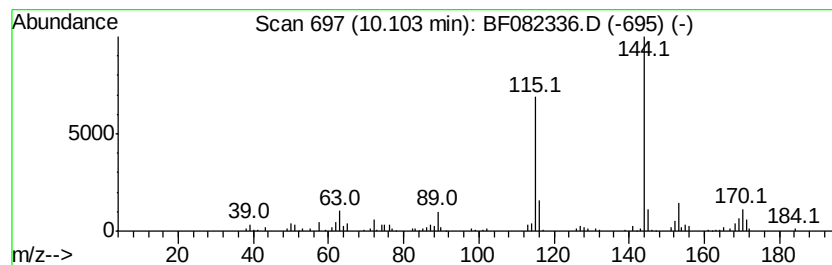
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Peak Number 3 Benzofuran, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.10	10.13 ng	293989	Acenaphthene-d10		9.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	87
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	87
3	Naphthalene, 2-ethoxv-	172	C12H12O	000093-18-5	83
4	1-Naphthalenol	144	C10H8O	000090-15-3	81
5	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	80



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Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

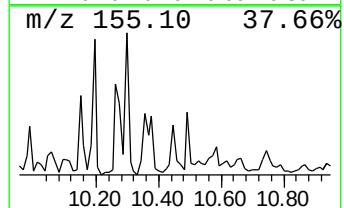
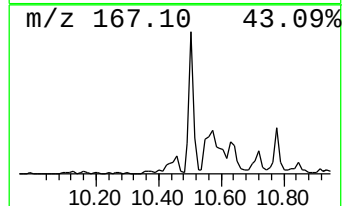
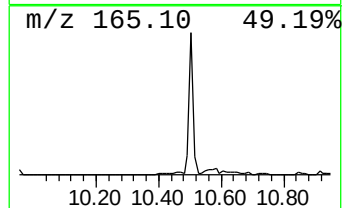
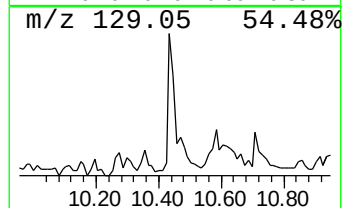
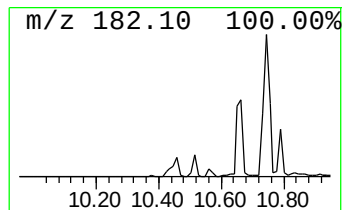
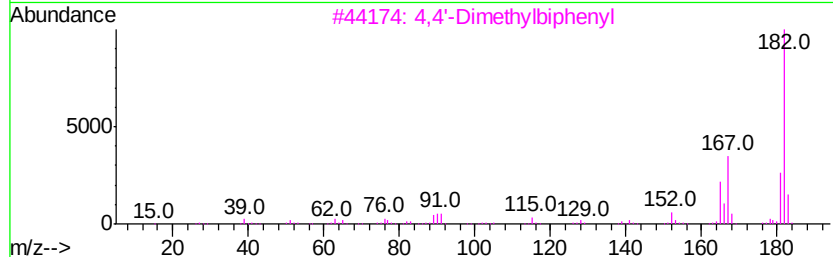
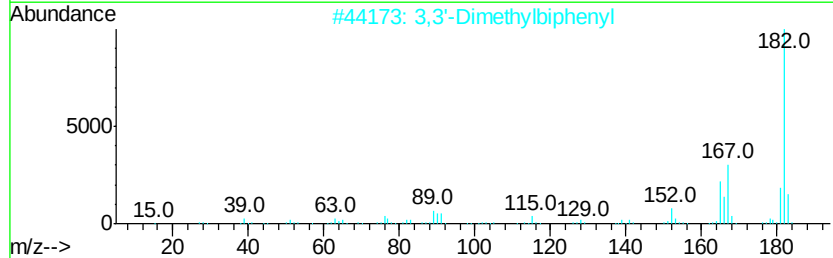
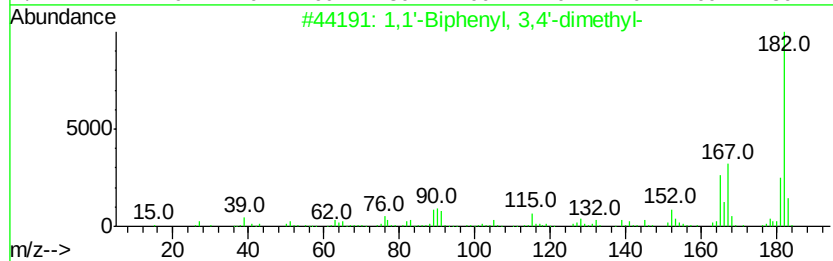
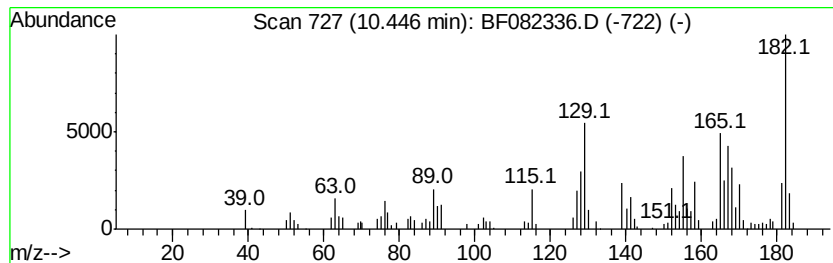
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	10.96 ng	317920	Acenaphthene-d10	9.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	64
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	64
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	46
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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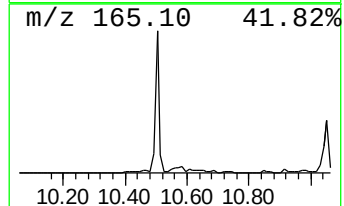
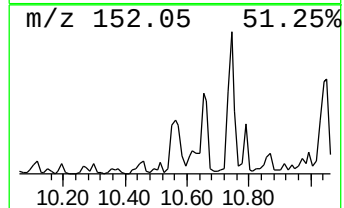
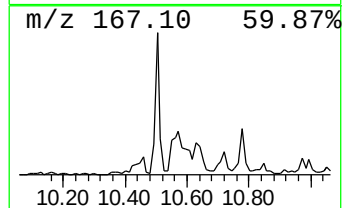
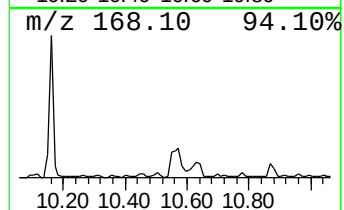
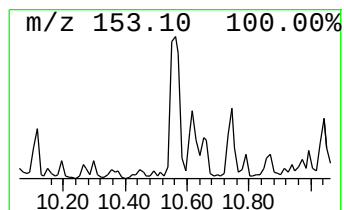
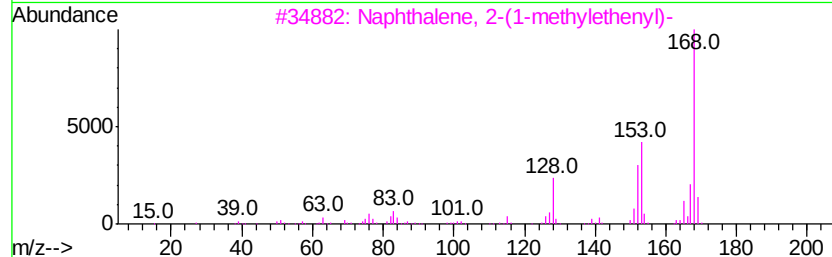
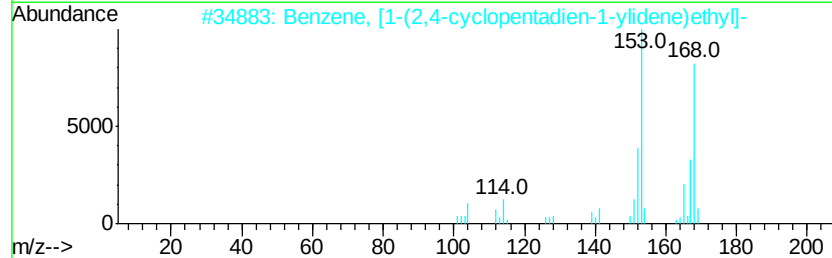
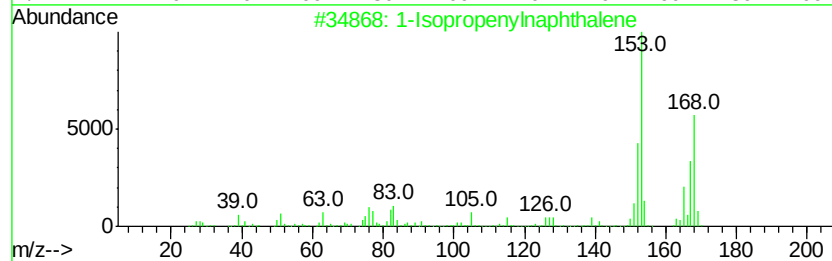
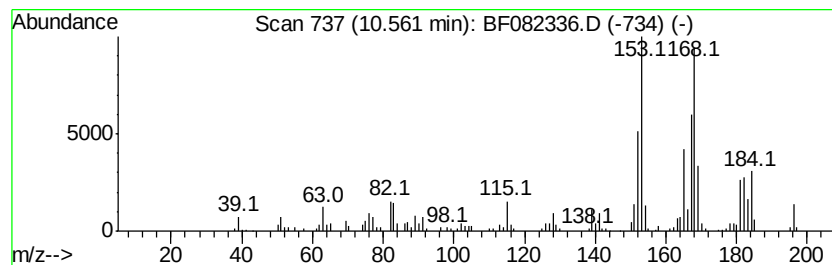
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	19.43 ng	563941	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	92
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	53
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
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Operator : UM/IZ
Sample : G4046-01 10X
Misc :
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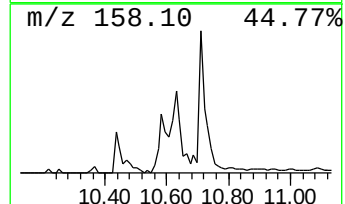
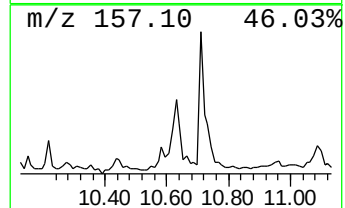
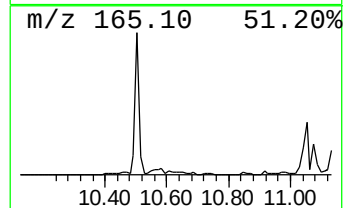
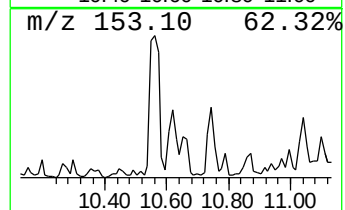
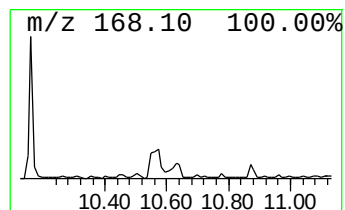
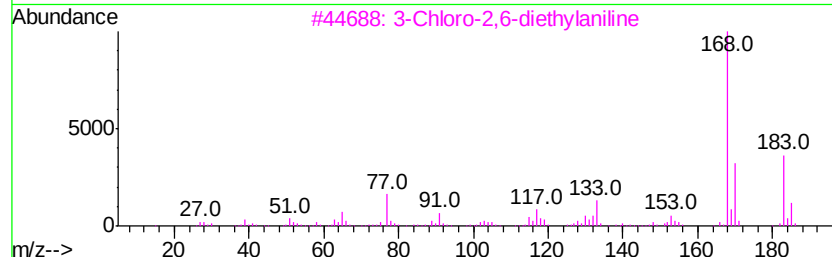
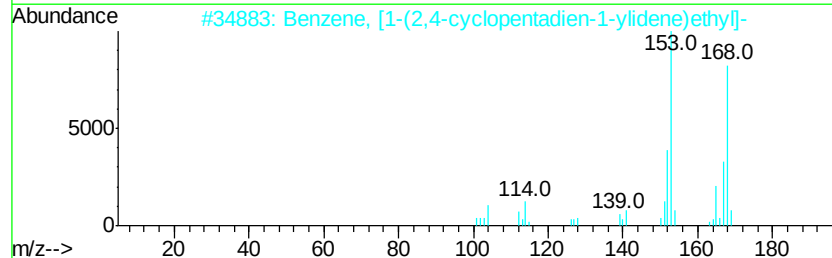
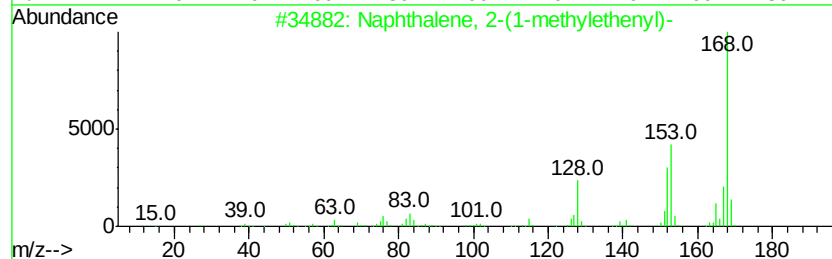
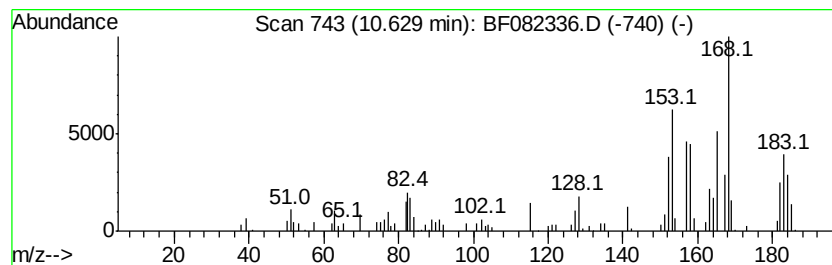
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.63	6.31 ng	183036	Acenaphthene-d10		9.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	27
3		3-Chloro-2,6-diethylaniline	183	C10H14ClN	067330-62-5	22
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	18
5		4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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Sample : G4046-01 10X
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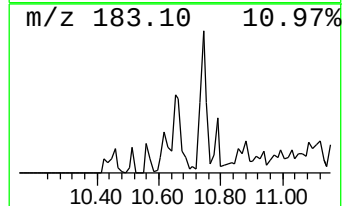
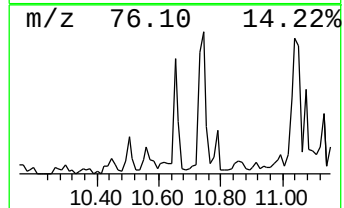
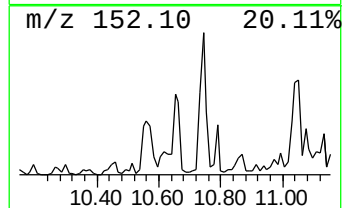
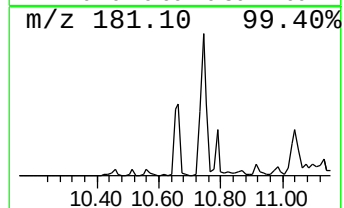
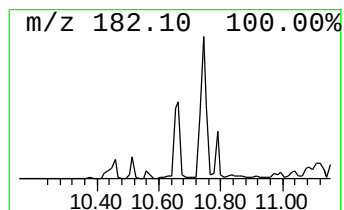
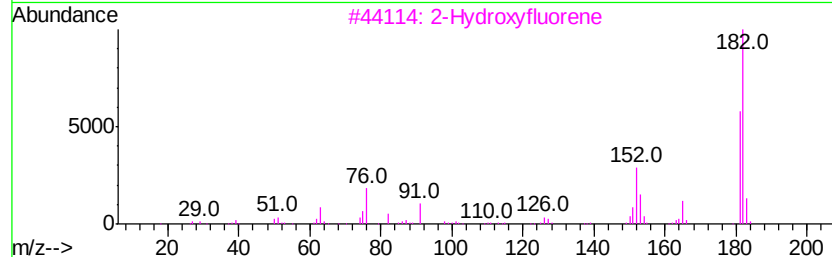
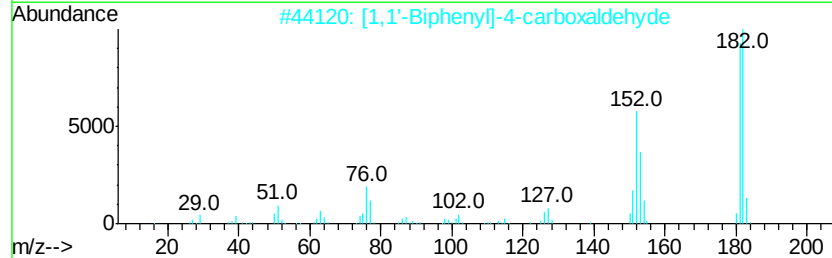
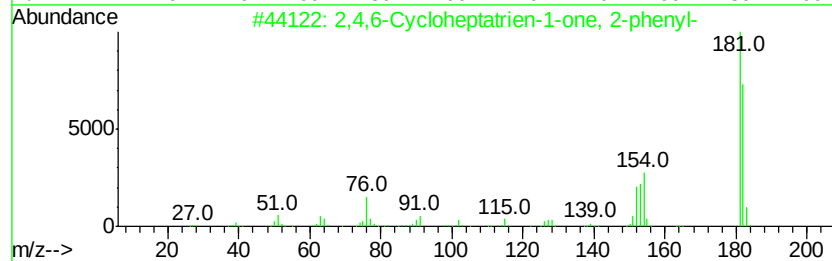
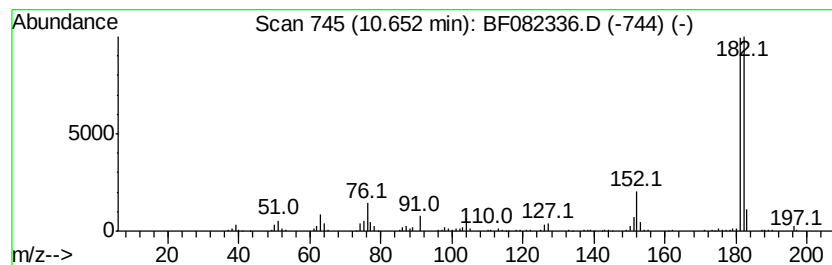
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2,4,6-Cycloheptatrien-1-one... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	16.66 ng	483399	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8	78
3	2-Hydroxyfluorene	182 C13H10O	002443-58-5	68
4	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	64
5	9H-Xanthene	182 C13H10O	000092-83-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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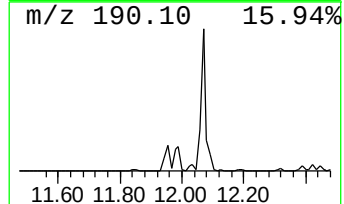
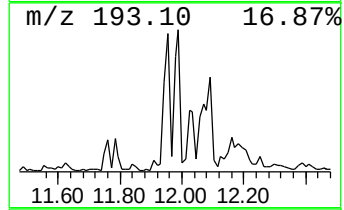
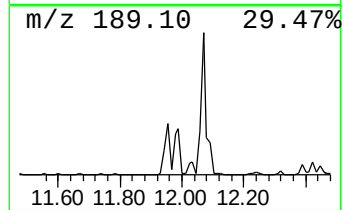
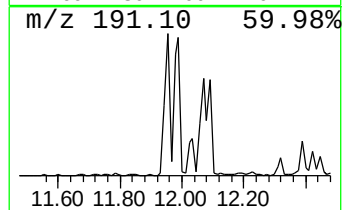
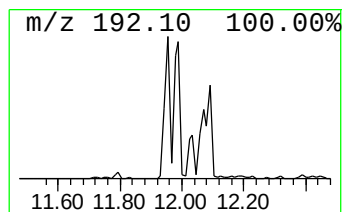
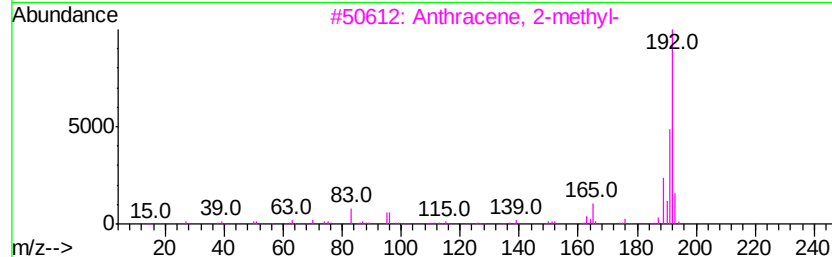
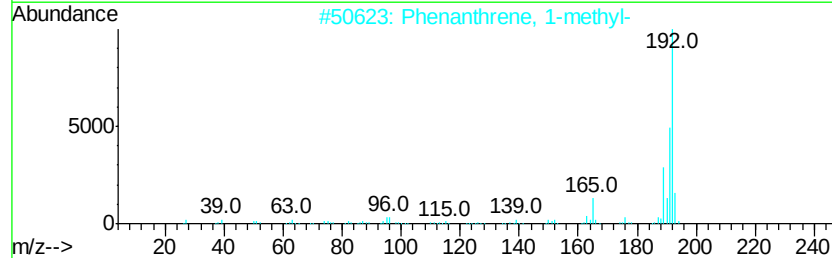
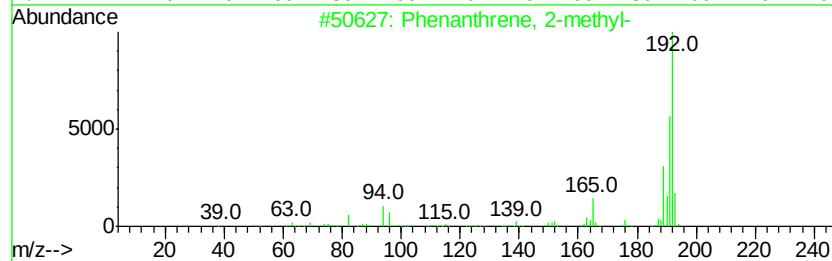
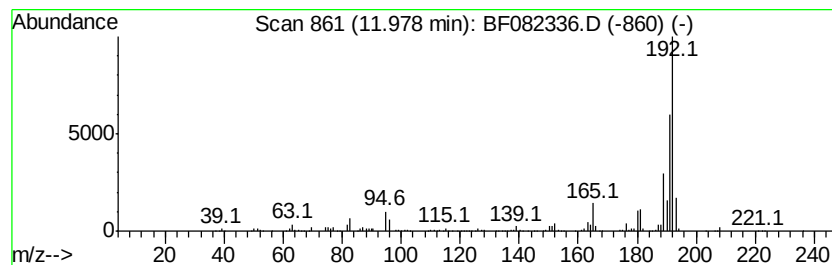
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	4.63 ng	3102790	Phenanthrene-d10	11.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
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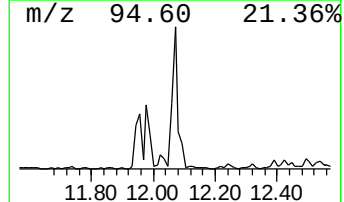
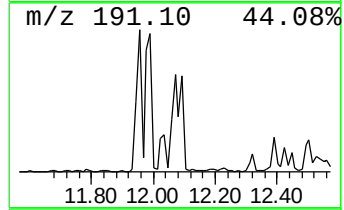
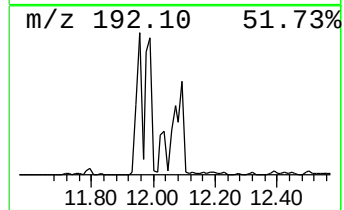
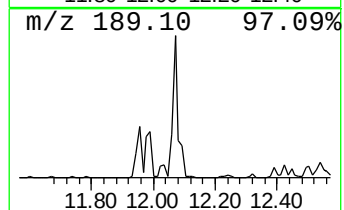
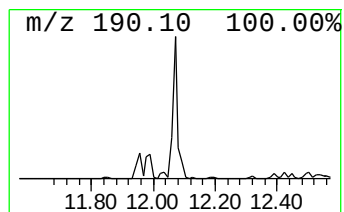
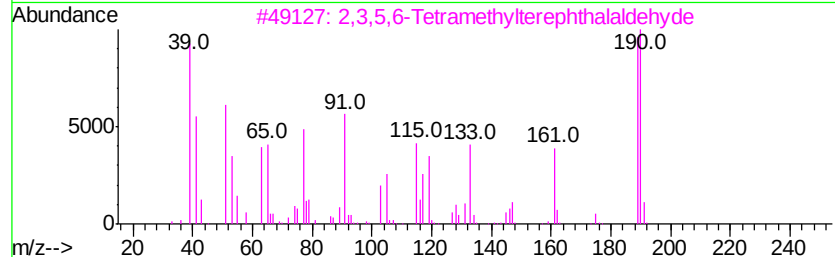
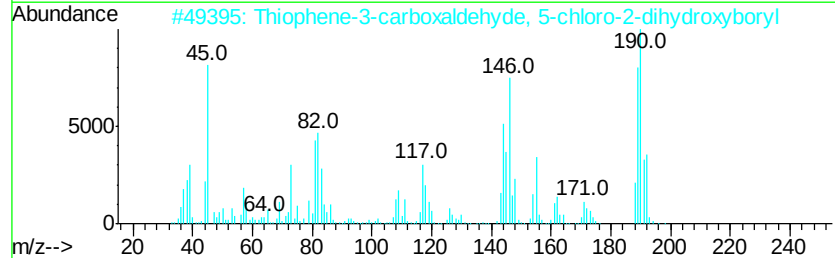
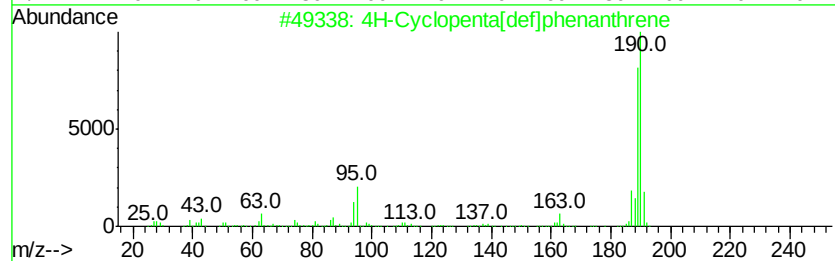
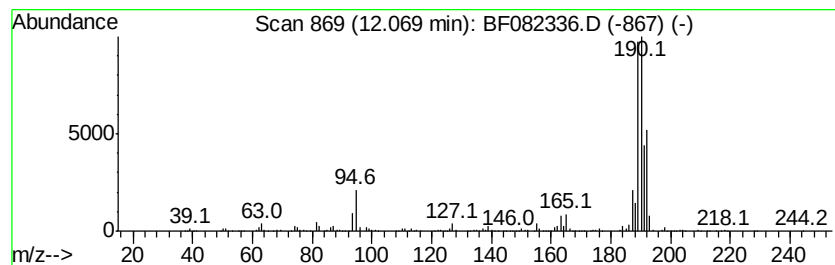
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.28 ng	4879300	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082336.D
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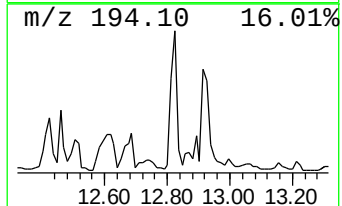
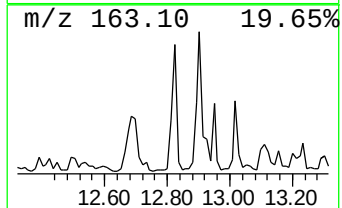
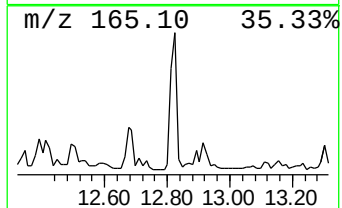
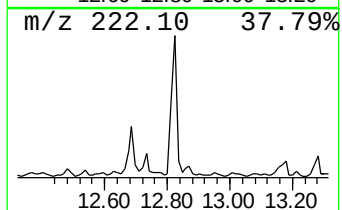
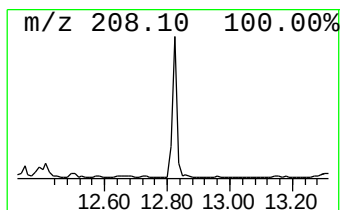
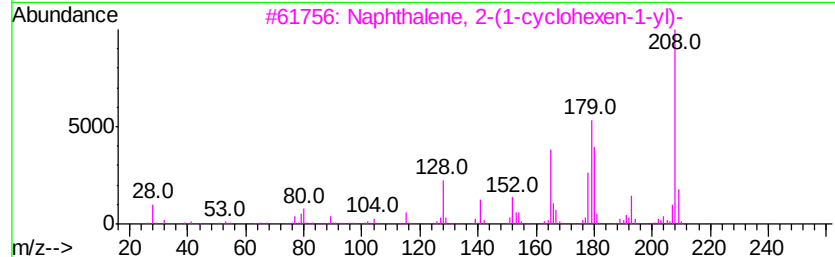
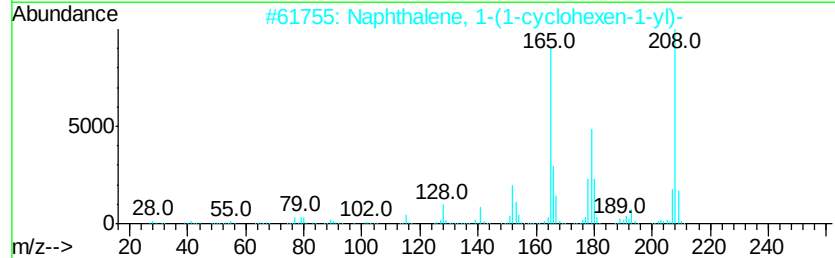
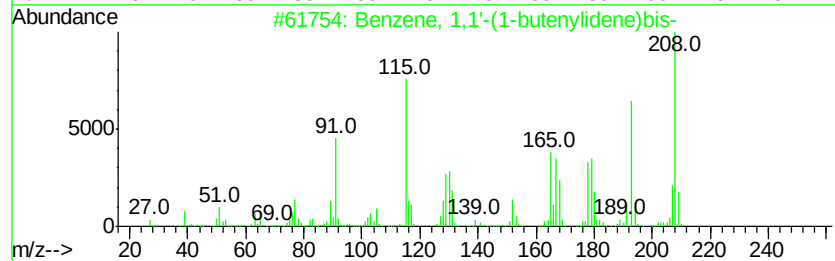
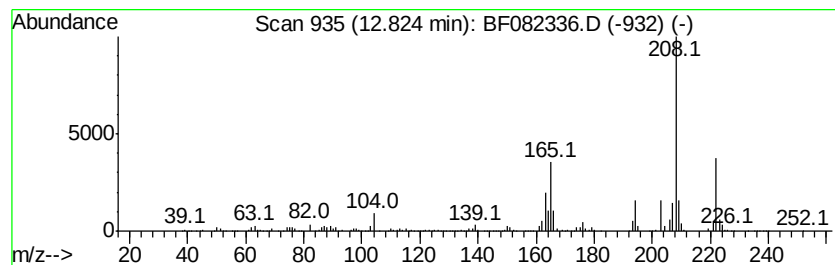
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,1'-(1-butenylidene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	5.86 ng	1301440	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-butenylidene)bis-	208	C16H16	001726-14-3	52
2		Naphthalene, 1-(1-cyclohexen-1-yl)-	208	C16H16	040358-51-8	50
3		Naphthalene, 2-(1-cyclohexen-1-yl)-	208	C16H16	054607-03-3	50
4		Benzene, 1,1'-(2-methyl-1-propen...	208	C16H16	000781-33-9	50
5		Phenanthrene, 4-methoxy-	208	C15H12O	015638-06-9	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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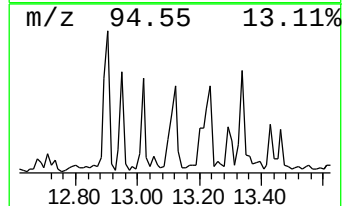
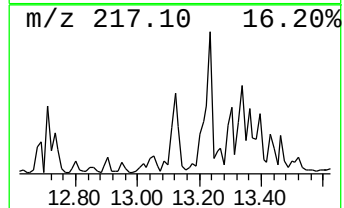
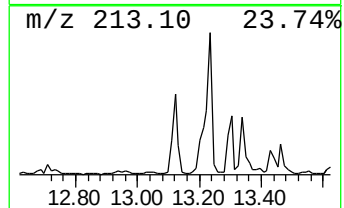
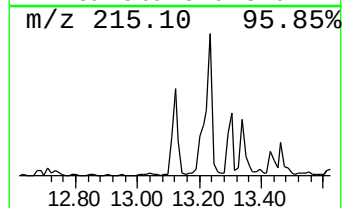
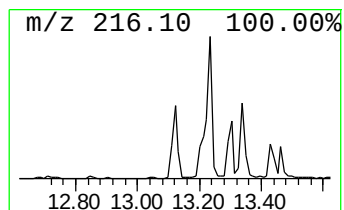
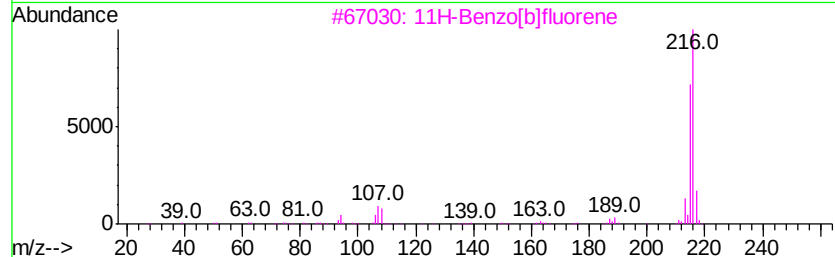
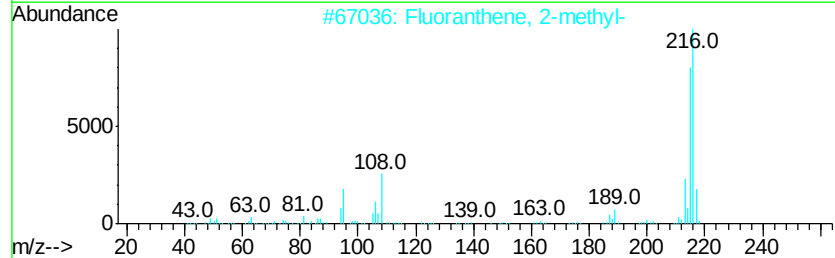
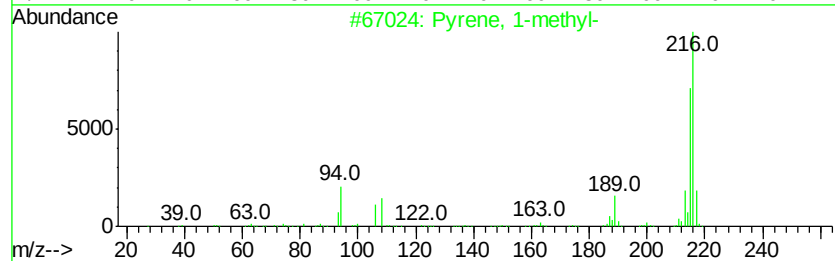
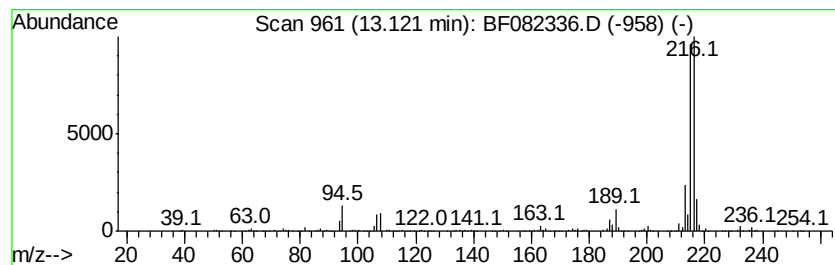
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.47 ng	1659060	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
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Misc :
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ClientSampleId :
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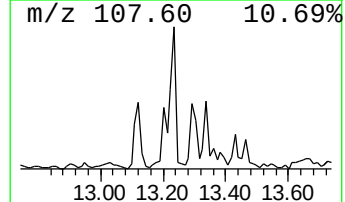
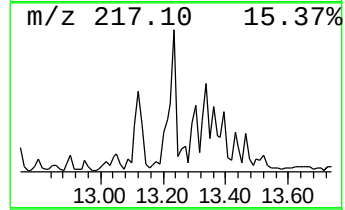
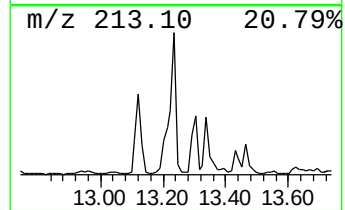
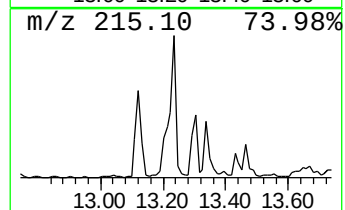
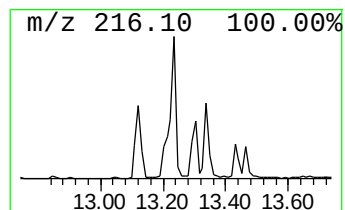
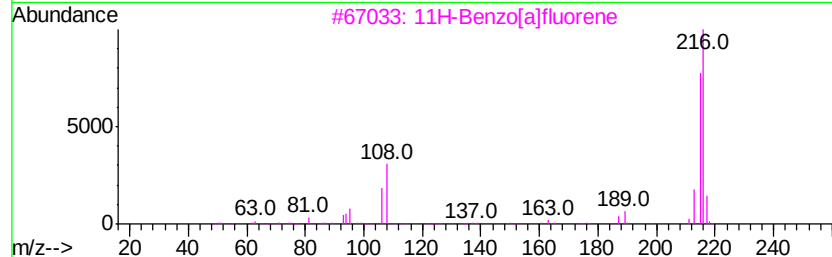
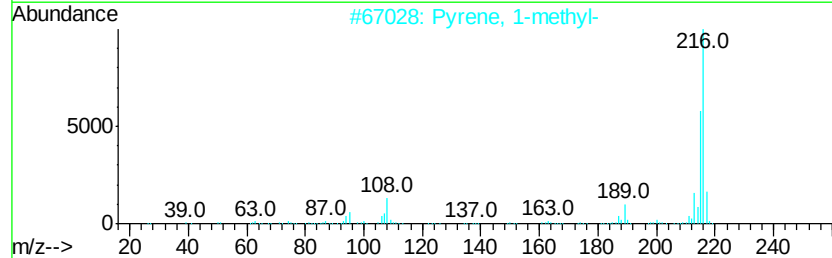
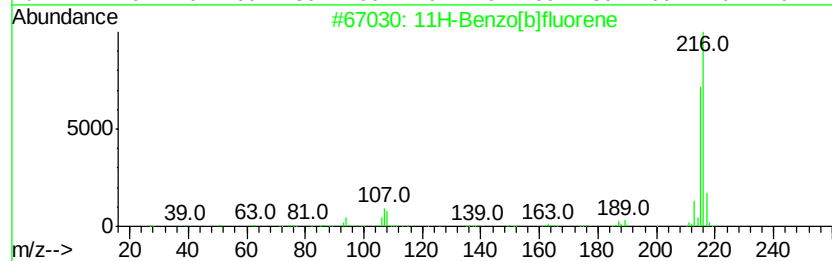
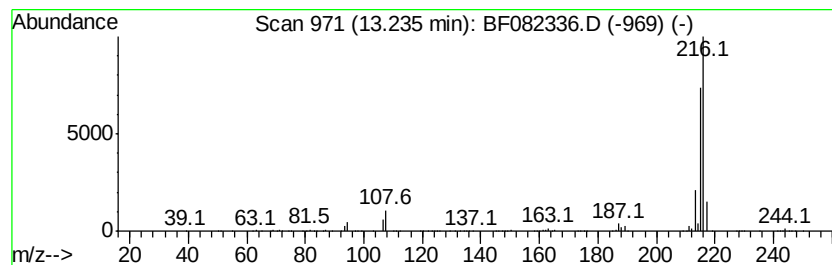
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	6.59 ng	1464180	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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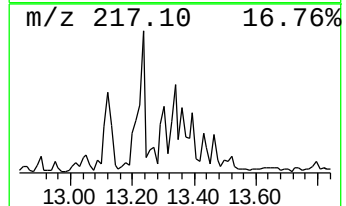
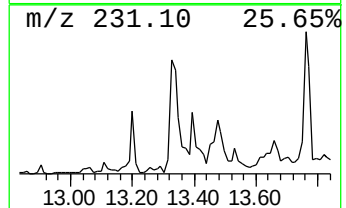
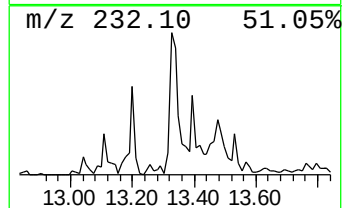
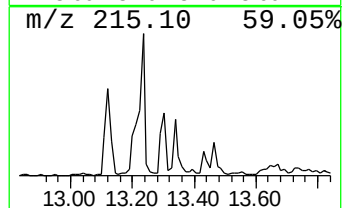
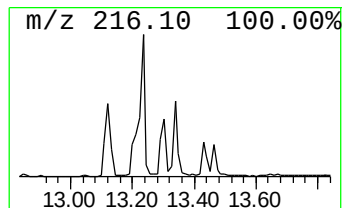
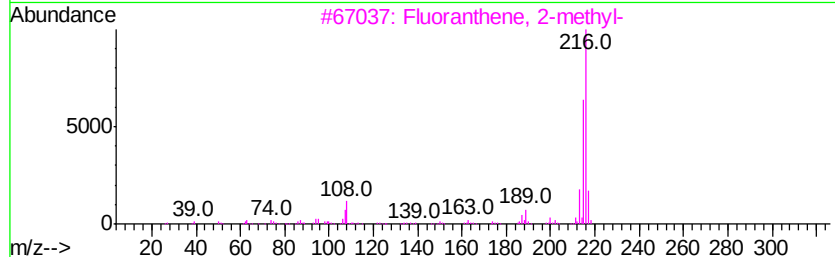
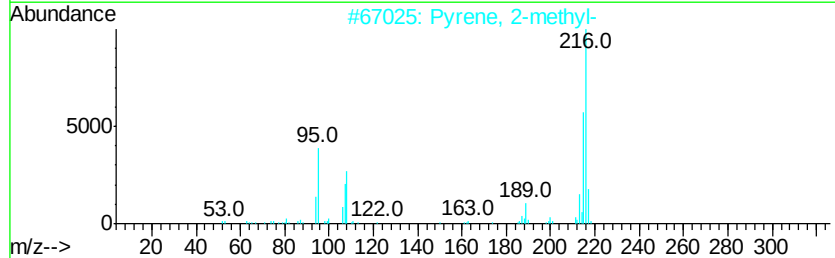
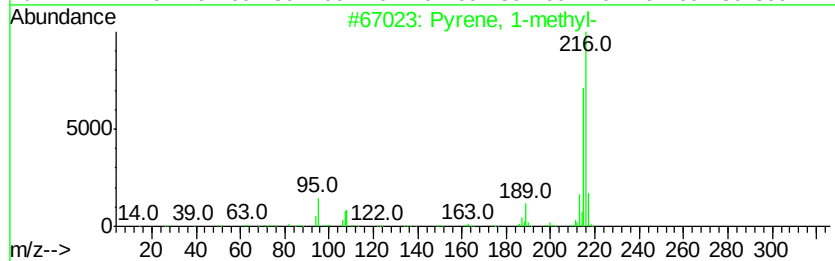
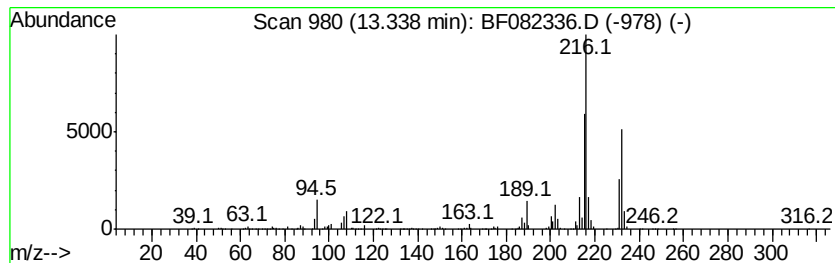
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	8.68 ng	1927800	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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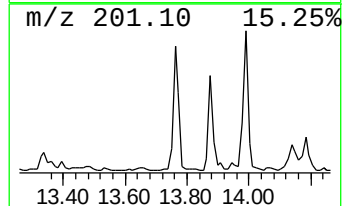
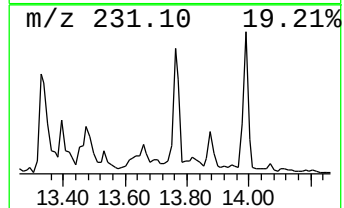
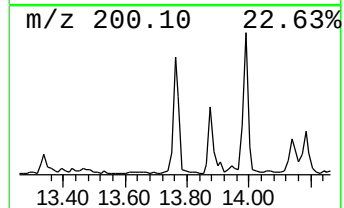
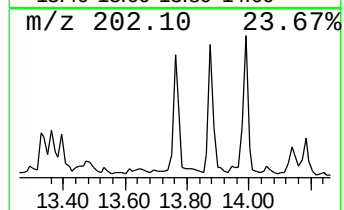
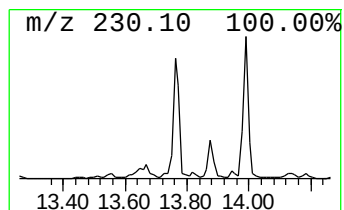
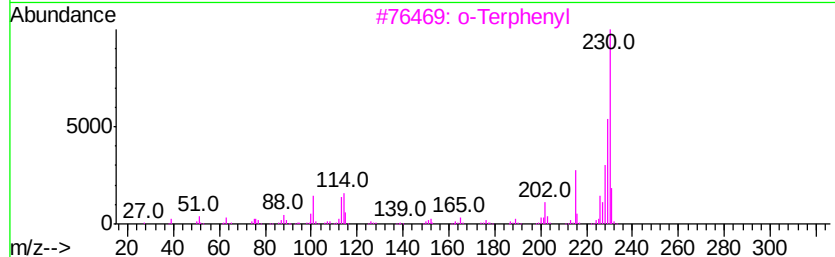
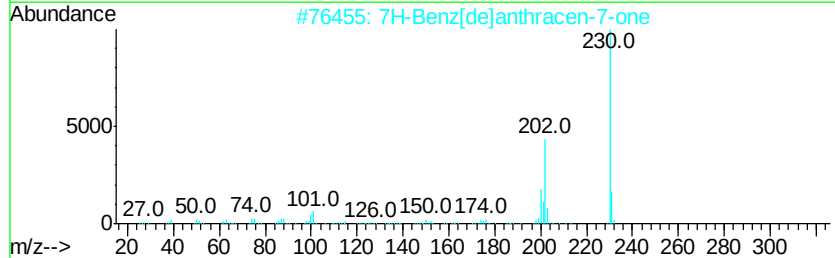
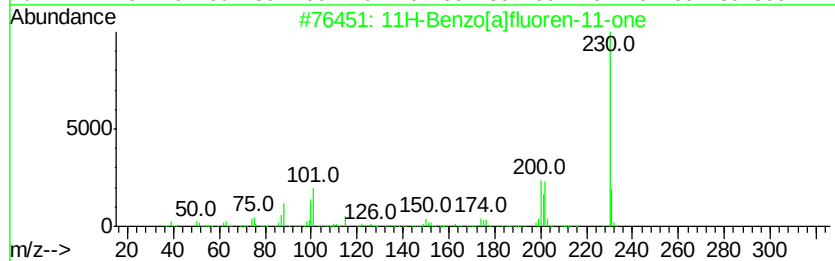
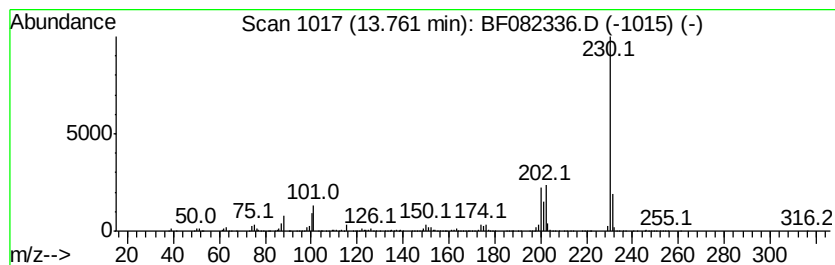
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.18 ng	1816380	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		o-Terphenyl	230	C18H14	000084-15-1	64
4		4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53
5		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
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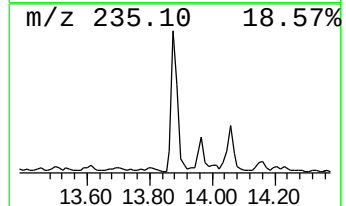
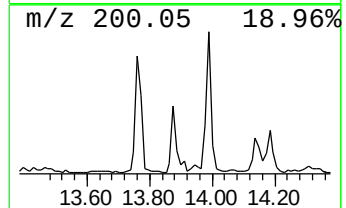
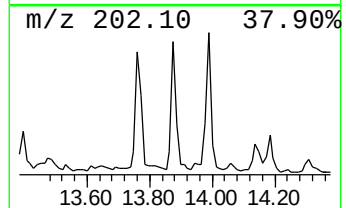
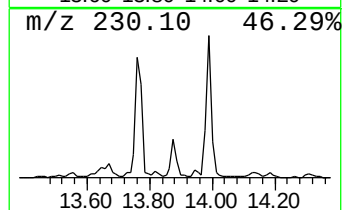
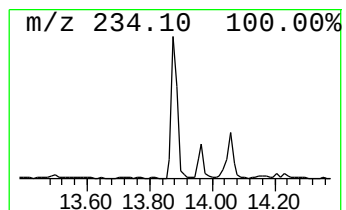
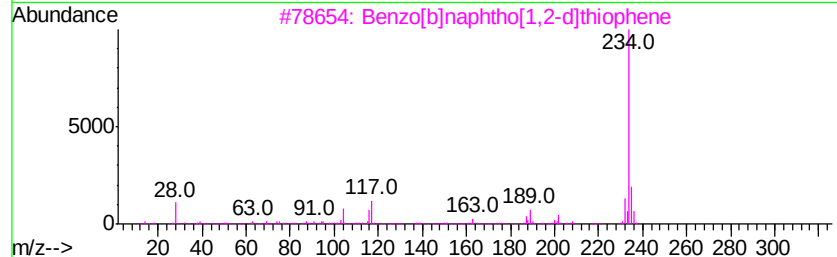
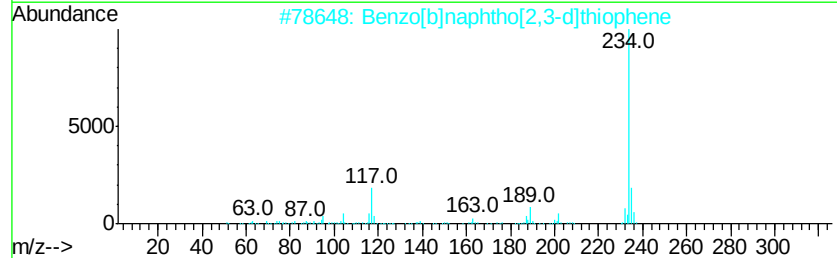
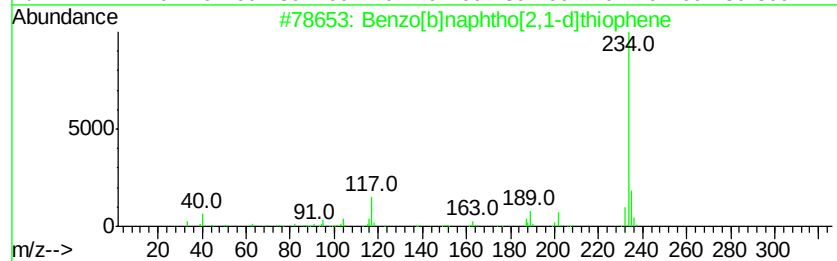
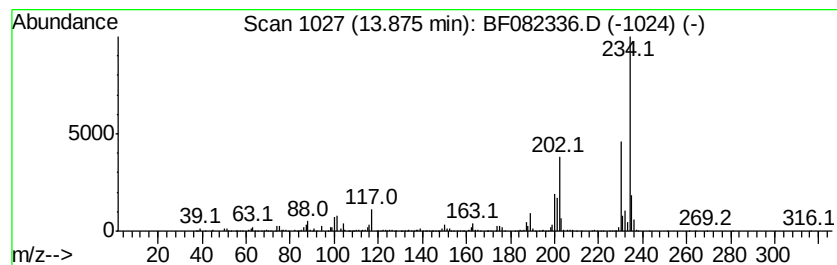
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	8.63 ng	1917010	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	55
4		Anthra[1,9a,9-cd;5,10a,10-c'd']d...	234	C14H6N2O2	000201-91-2	35
5		2-Pentafluorophenylimidazole	234	C9H3F5N2	081654-41-3	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
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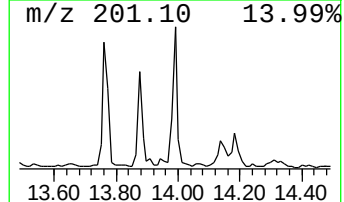
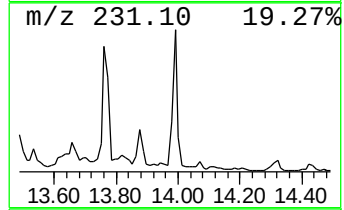
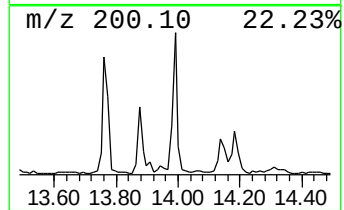
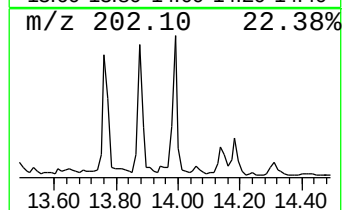
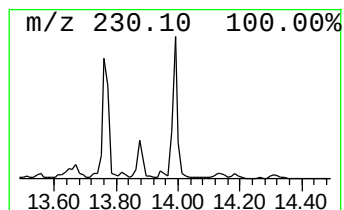
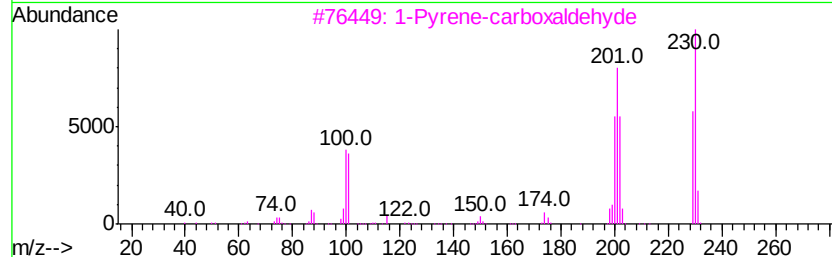
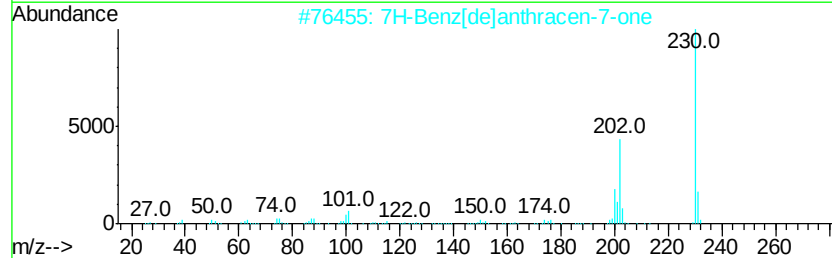
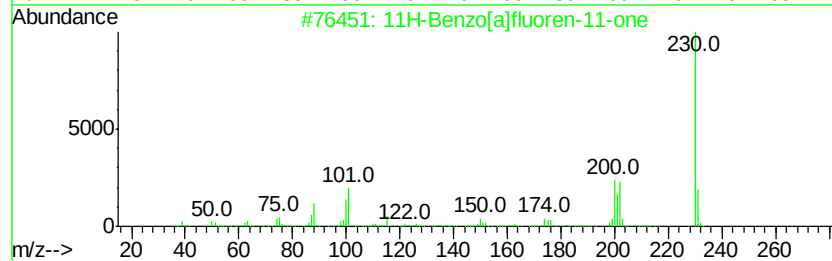
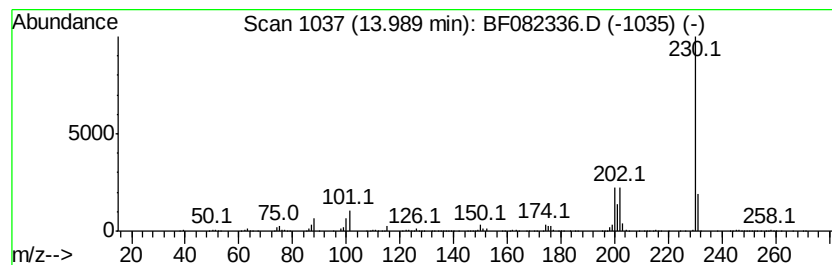
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	8.81 ng	1957470	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
4		Dibenzo[c,h][2,6]naphthylridine	230	C16H10N2	000218-30-4	59
5		o-Terphenyl	230	C18H14	000084-15-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
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Instrument :
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ClientSampleId :
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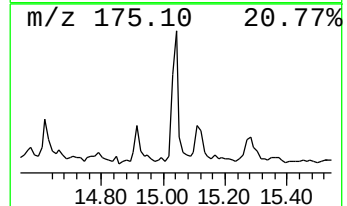
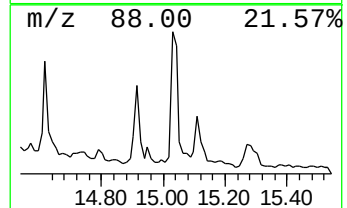
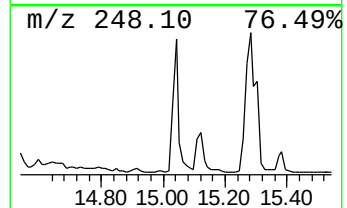
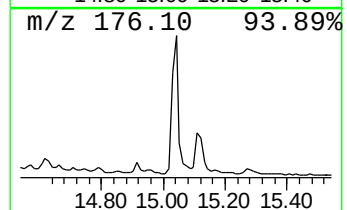
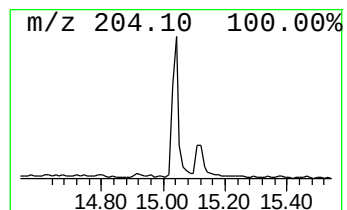
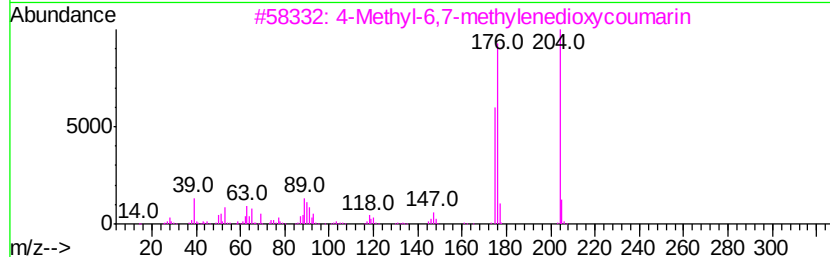
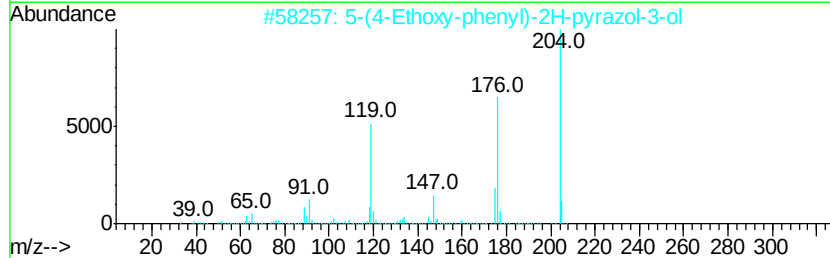
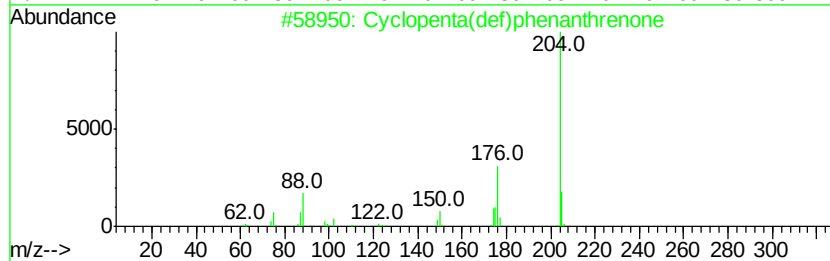
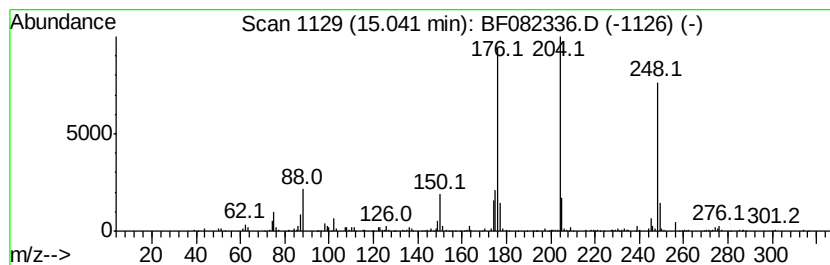
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.96 ng	235352	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	49
3		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	37
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	27
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082336.D
Acq On : 16 Oct 2015 20:12
Operator : UM/IZ
Sample : G4046-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GOODLUCK902

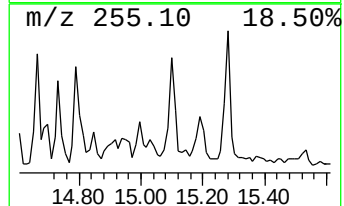
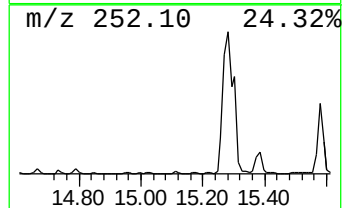
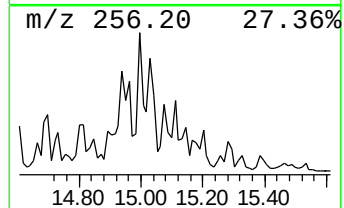
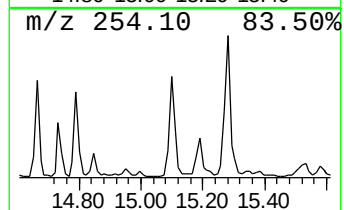
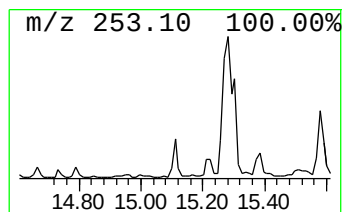
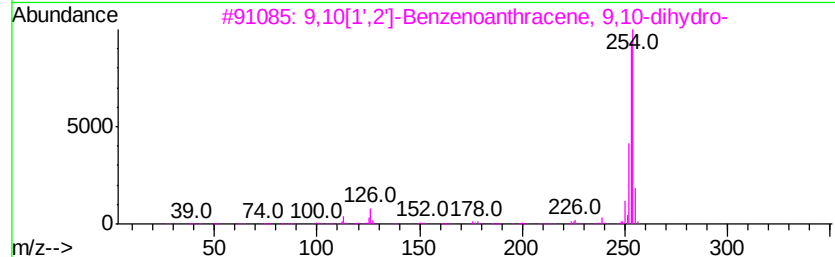
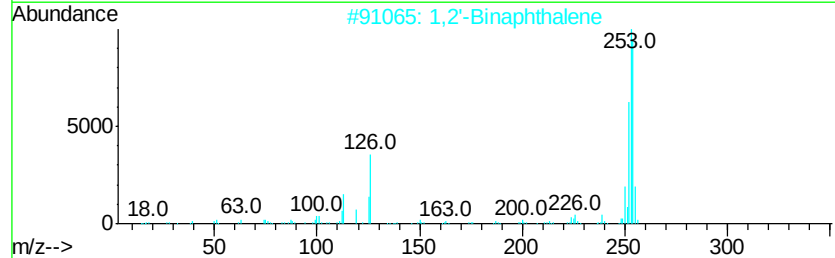
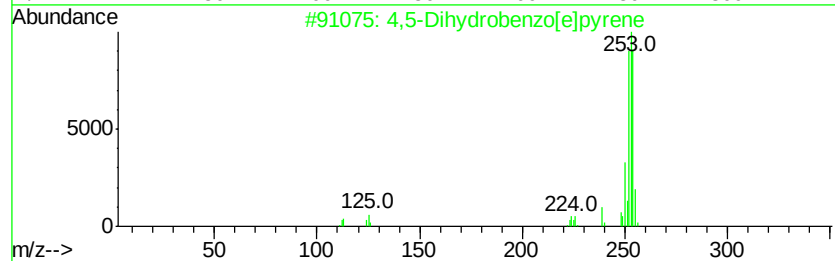
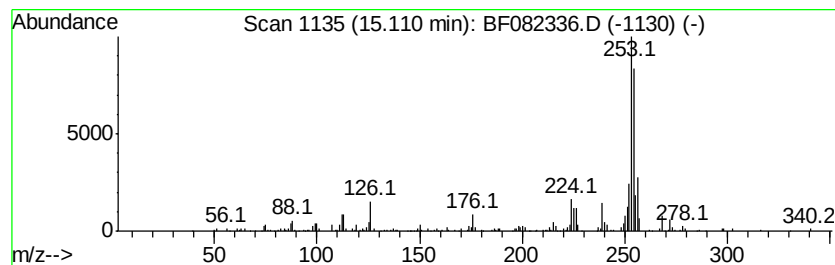
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4,5-Dihydrobenzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	11.07 ng	436983	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	60
5		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
 Data File : BF082336.D
 Acq On : 16 Oct 2015 20:12
 Operator : UM/IZ
 Sample : G4046-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GOODLUCK902

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
2,8-Dimethylquino...	9.60	6.1 ng		177216	3	9.95	580405	20.0
Quinoline, 2,4-di...	9.71	8.5 ng		247779	3	9.95	580405	20.0
Benzofuran, 2-eth...	10.10	10.1 ng		293989	3	9.95	580405	20.0
1,1'-Biphenyl, 3,...	10.45	11.0 ng		317920	3	9.95	580405	20.0
1-Isopropenyl naph...	10.56	19.4 ng		563941	3	9.95	580405	20.0
Naphthalene, 2-(1...	10.63	6.3 ng		183036	3	9.95	580405	20.0
2,4,6-Cycloheptat...	10.65	16.7 ng		483399	3	9.95	580405	20.0
Phenanthrene, 2-m...	11.98	4.6 ng		3102790	4	11.45	13396200	20.0
4H-Cyclopenta[def...	12.07	7.3 ng		4879300	4	11.45	13396200	20.0
Benzene, 1,1'-(1-...	12.82	5.9 ng		1301440	5	14.15	4441900	20.0
Pyrene, 1-methyl-	13.12	7.5 ng		1659060	5	14.15	4441900	20.0
11H-Benzo[b]fluorene	13.24	6.6 ng		1464180	5	14.15	4441900	20.0
Pyrene, 2-methyl-	13.34	8.7 ng		1927800	5	14.15	4441900	20.0
11H-Benzo[a]fluor...	13.76	8.2 ng		1816380	5	14.15	4441900	20.0
Benzo[b]naphtho[2...	13.88	8.6 ng		1917010	5	14.15	4441900	20.0
7H-Benz[de]anthra...	13.99	8.8 ng		1957470	5	14.15	4441900	20.0
Cyclopenta(def)ph...	15.04	6.0 ng		235352	6	15.70	789365	20.0
4,5-Dihydrobenzo[...	15.11	11.1 ng		436983	6	15.70	789365	20.0