

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
 Data File : BF082339.D
 Acq On : 16 Oct 2015 21:39
 Operator : UM/IZ
 Sample : G4046-04 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANAHAWKEN112

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	6.914	416	418	421	rBV	203080	284796	1.11%	0.130%
2	8.206	529	531	535	rBV2	517325	786041	3.07%	0.359%
3	8.915	591	593	595	rBV	753078	621937	2.43%	0.284%
4	9.017	599	602	604	rVB	702665	662399	2.59%	0.302%
5	9.372	631	633	636	rVV2	259972	420675	1.64%	0.192%
6	9.543	645	648	650	rBV	493034	709074	2.77%	0.324%
7	9.612	650	654	655	rBV	710626	777295	3.04%	0.355%
8	9.635	655	656	658	rVV2	292341	377660	1.47%	0.172%
9	9.726	658	664	667	rVV3	267611	531853	2.08%	0.243%
10	9.817	669	672	674	rVB	430655	402723	1.57%	0.184%
11	9.955	680	684	686	rBV2	591591	1006045	3.93%	0.459%
12	10.000	686	688	689	rVV	3110295	3731298	14.57%	1.703%
13	10.023	689	690	692	rVV	333441	458864	1.79%	0.209%
14	10.115	695	698	700	rVV2	310218	528381	2.06%	0.241%
15	10.172	700	703	704	rVV	3077334	3704657	14.47%	1.691%
16	10.195	704	705	710	rVB	374462	343832	1.34%	0.157%
17	10.275	710	712	713	rBV	245147	326384	1.27%	0.149%
18	10.366	717	720	723	rVB2	190590	391363	1.53%	0.179%
19	10.458	725	728	730	rVV2	332520	571560	2.23%	0.261%
20	10.515	730	733	735	rVV	4466547	5092364	19.89%	2.324%
21	10.572	735	738	739	rVV	650841	1080571	4.22%	0.493%
22	10.595	739	740	741	rVV	853073	672470	2.63%	0.307%
23	10.663	741	746	748	rVV2	1808642	2408050	9.40%	1.099%
24	10.743	748	753	755	rVV	1876928	2714118	10.60%	1.239%
25	10.789	755	757	759	rVV2	449205	507716	1.98%	0.232%
26	10.869	761	764	767	rVV3	407891	732423	2.86%	0.334%
27	11.006	771	776	777	rVV5	229767	613791	2.40%	0.280%
28	11.052	777	780	781	rVV	1581391	2130151	8.32%	0.972%
29	11.086	781	783	784	rVV	479848	775201	3.03%	0.354%
30	11.132	784	787	789	rVV2	499964	962220	3.76%	0.439%
31	11.200	789	793	796	rVV3	910618	2479714	9.68%	1.132%
32	11.280	796	800	804	rVV2	2820908	5704629	22.28%	2.603%
33	11.349	804	806	811	rVV	2996890	3414265	13.33%	1.558%
34	11.521	813	821	823	rVV	7704562	25605654	100.00%	11.686%

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35	11.555	823	824	826	rVV	4785575	3986592	15.57%	1.819%
36	11.635	827	831	833	rVV4	440854	1191317	4.65%	0.544%
37	11.692	833	836	839	rVV2	2918227	5776507	22.56%	2.636%
38	11.749	839	841	843	rVV2	1042756	1591323	6.21%	0.726%
39	11.795	843	845	847	rVV3	1057373	1783940	6.97%	0.814%
40	11.863	847	851	854	rVV2	733226	1828077	7.14%	0.834%
41	11.921	854	856	857	rVV	525146	752940	2.94%	0.344%
42	11.955	857	859	861	rVV	2975646	4624538	18.06%	2.111%
43	11.989	861	862	864	rVV	4122476	3431657	13.40%	1.566%
44	12.035	864	866	867	rVV	1130126	1398539	5.46%	0.638%
45	12.081	867	870	873	rVV2	3879276	7296156	28.49%	3.330%
46	12.138	873	875	876	rVV	504921	861952	3.37%	0.393%
47	12.161	876	877	878	rVV	669553	706256	2.76%	0.322%
48	12.183	878	879	881	rVV2	514064	953716	3.72%	0.435%
49	12.252	883	885	886	rVV	2659099	3102289	12.12%	1.416%
50	12.298	886	889	890	rVV	2789682	3866319	15.10%	1.765%
51	12.355	892	894	895	rVV	259163	464237	1.81%	0.212%
52	12.389	895	897	899	rVV3	785096	1327103	5.18%	0.606%
53	12.423	899	900	901	rVV	932821	897176	3.50%	0.409%
54	12.503	905	907	908	rVV	1027925	1470446	5.74%	0.671%
55	12.538	908	910	911	rVV	743223	1243303	4.86%	0.567%
56	12.572	911	913	914	rVV2	1084735	1578879	6.17%	0.721%
57	12.629	914	918	920	rVV	1485367	3001543	11.72%	1.370%
58	12.709	920	925	927	rVV	7041503	18835044	73.56%	8.596%
59	12.766	929	930	933	rVV3	281219	655825	2.56%	0.299%
60	12.823	933	935	938	rVV2	1546172	2533571	9.89%	1.156%
61	12.938	938	945	949	rVV2	5956073	17564024	68.59%	8.016%
62	13.018	949	952	954	rVV	1164716	2002487	7.82%	0.914%
63	13.063	954	956	958	rVV	786534	1072302	4.19%	0.489%
64	13.121	958	961	963	rVV2	1195482	2377563	9.29%	1.085%
65	13.235	967	971	972	rVV	1916164	3553678	13.88%	1.622%
66	13.304	975	977	978	rVV	1046360	1515397	5.92%	0.692%
67	13.338	978	980	983	rVV3	1410656	2671453	10.43%	1.219%
68	13.395	983	985	986	rVV	508609	786922	3.07%	0.359%
69	13.429	986	988	989	rVV	675034	866168	3.38%	0.395%
70	13.464	989	991	995	rVV2	746604	1535842	6.00%	0.701%
71	13.544	995	998	1000	rVV4	265012	730538	2.85%	0.333%

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72	13.658	1002	1008	1012	rVV4	434654	1973287	7.71%	0.901%
73	13.726	1012	1014	1015	rVV	246191	418060	1.63%	0.191%
74	13.761	1015	1017	1019	rVV	1771889	2164335	8.45%	0.988%
75	13.818	1019	1022	1024	rVV3	251759	644658	2.52%	0.294%
76	13.875	1024	1027	1028	rVV	1528953	2189011	8.55%	0.999%
77	13.932	1030	1032	1035	rVV3	795479	2294731	8.96%	1.047%
78	13.989	1035	1037	1039	rVV	1413866	2257429	8.82%	1.030%
79	14.046	1040	1042	1046	rVV	348552	912291	3.56%	0.416%
80	14.138	1046	1050	1052	rVV2	2868423	6068247	23.70%	2.769%
81	14.184	1052	1054	1056	rVV	2672361	3948878	15.42%	1.802%
82	14.252	1059	1060	1063	rVV	568746	920148	3.59%	0.420%
83	14.298	1063	1064	1069	rVV5	315758	1068784	4.17%	0.488%
84	14.389	1069	1072	1073	rVV2	449404	878391	3.43%	0.401%
85	14.412	1073	1074	1078	rVV2	302937	709956	2.77%	0.324%
86	14.481	1078	1080	1081	rVV	194607	301155	1.18%	0.137%
87	14.515	1081	1083	1084	rVV	275156	364665	1.42%	0.166%
88	14.561	1084	1087	1088	rVV	494515	817691	3.19%	0.373%
89	14.607	1088	1091	1093	rVV3	501235	981950	3.83%	0.448%
90	14.652	1093	1095	1097	rVV2	219984	445740	1.74%	0.203%
91	14.698	1097	1099	1103	rVV2	298846	658959	2.57%	0.301%
92	14.778	1103	1106	1109	rVB3	149655	317042	1.24%	0.145%
93	14.904	1114	1117	1119	rBV	325941	455837	1.78%	0.208%
94	15.087	1130	1133	1137	rVB3	203030	491174	1.92%	0.224%
95	15.258	1145	1148	1153	rBV	1403066	3319166	12.96%	1.515%
96	15.567	1172	1175	1178	rVB	654501	982165	3.84%	0.448%
97	15.624	1178	1180	1183	rBV2	633063	917691	3.58%	0.419%
98	15.692	1183	1186	1187	rBV2	343074	564119	2.20%	0.257%
99	17.167	1313	1315	1318	rVV2	193573	394170	1.54%	0.180%
100	18.756	1445	1454	1467	rBV6	39636	289740	1.13%	0.132%

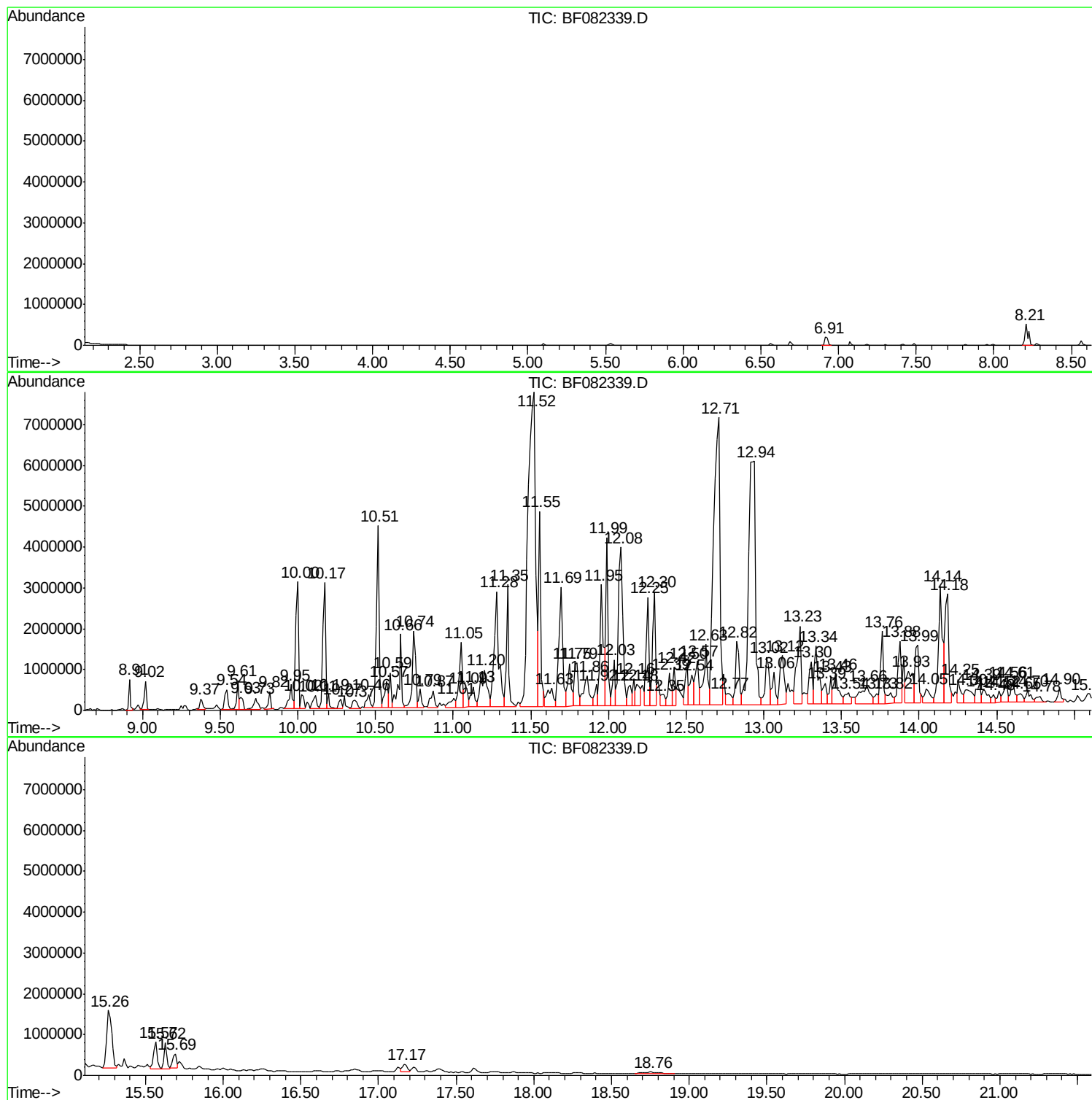
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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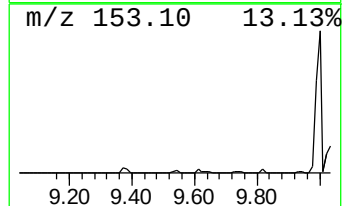
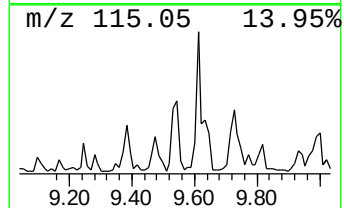
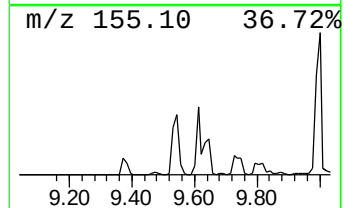
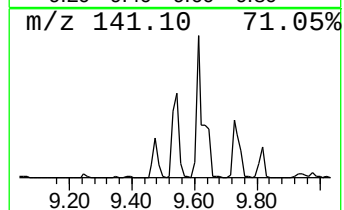
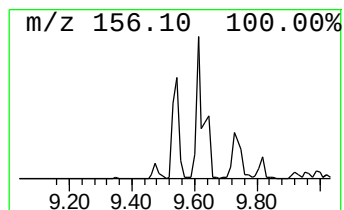
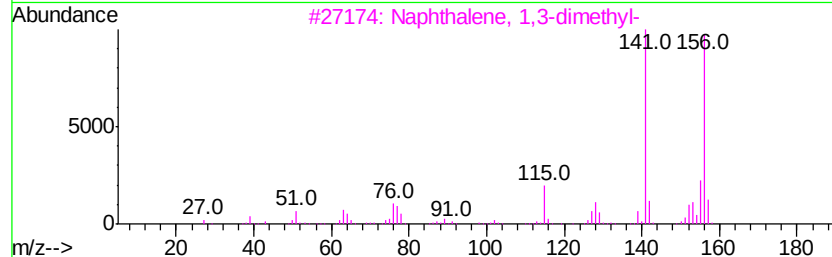
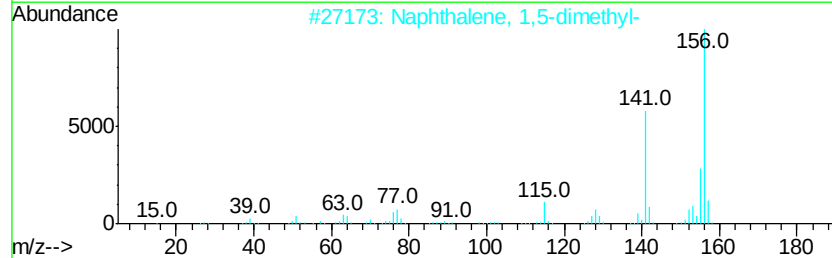
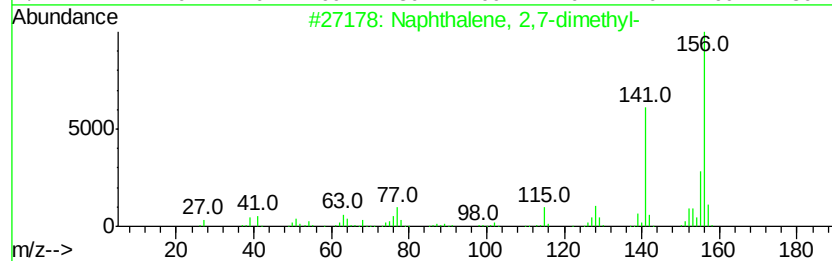
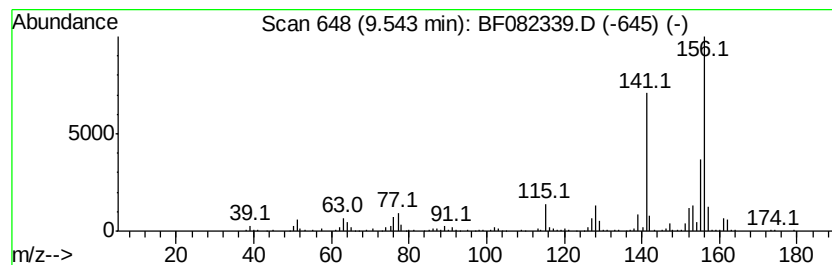
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	14.10 ng	709074	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



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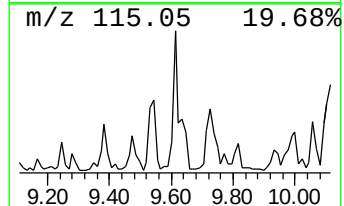
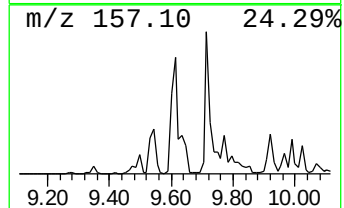
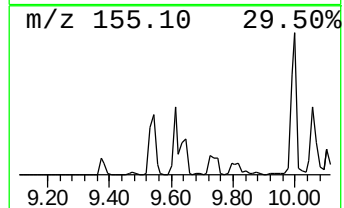
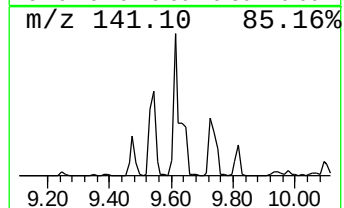
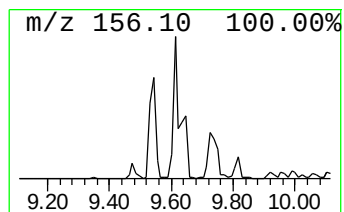
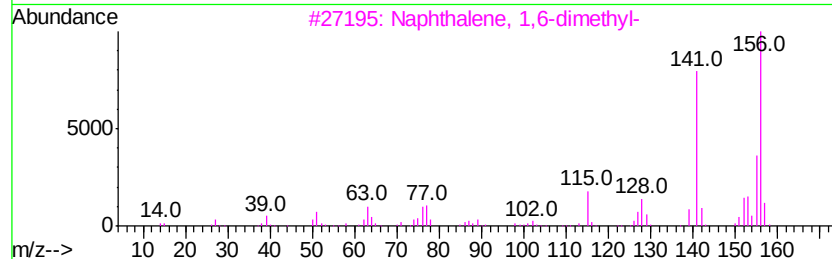
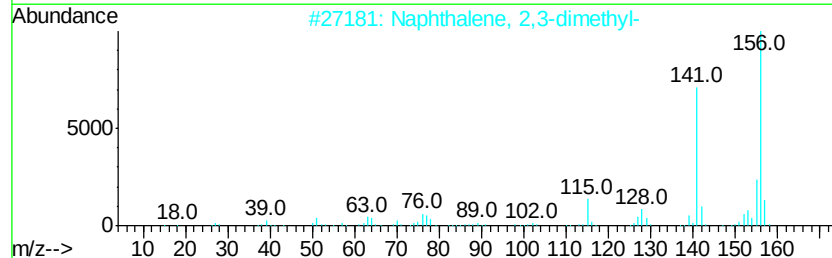
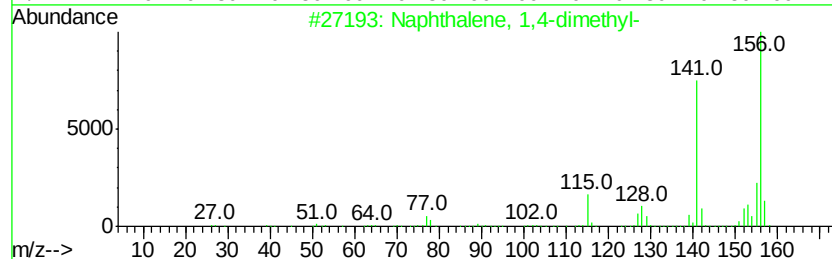
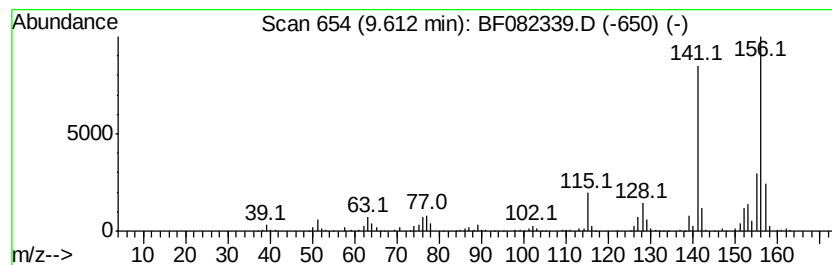
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	15.45 ng	777295	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



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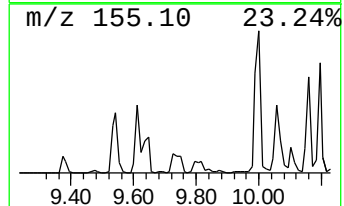
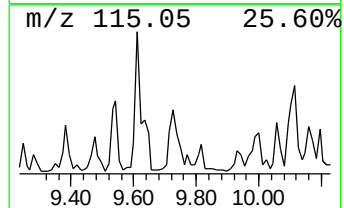
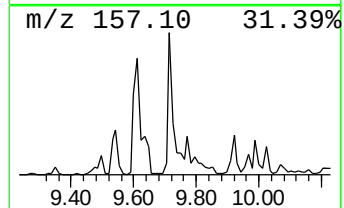
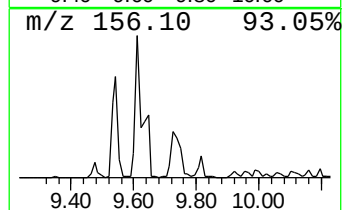
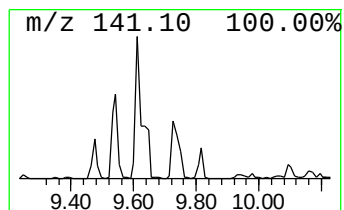
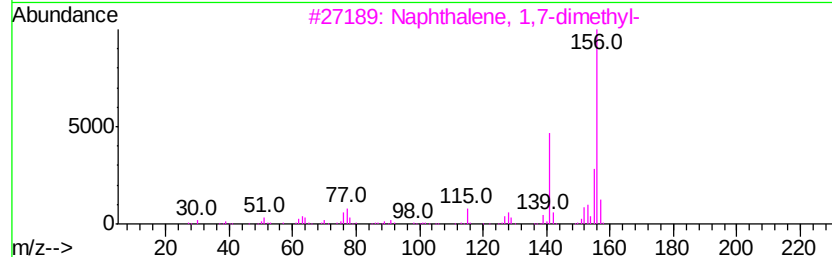
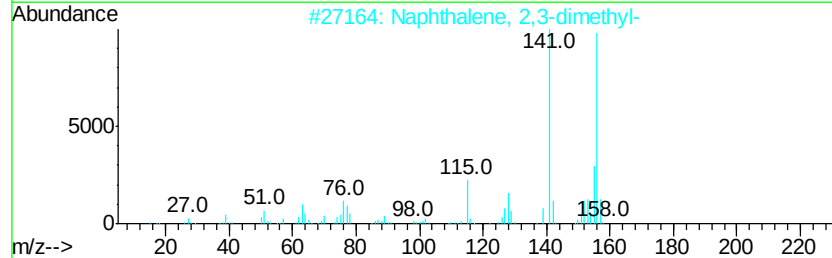
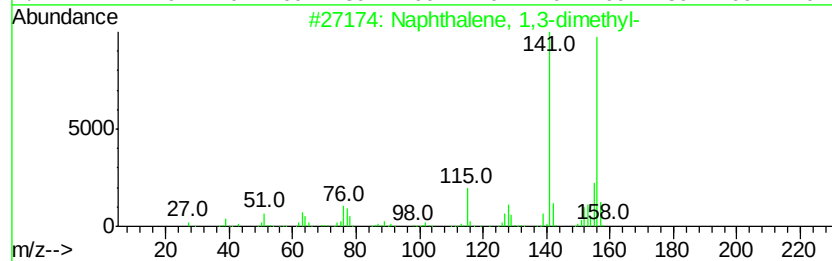
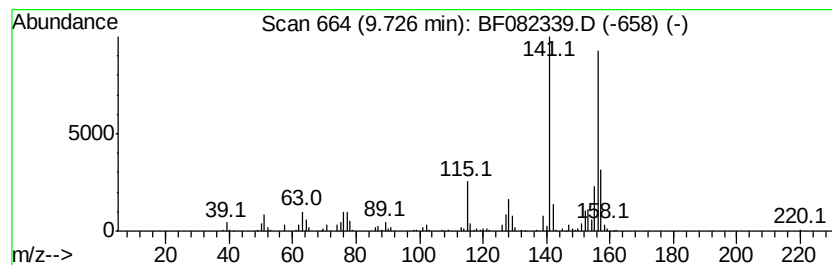
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Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	10.57 ng	531853	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



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Sample : G4046-04 10X
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ClientSampleId :
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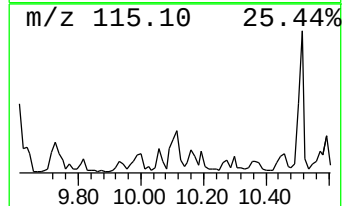
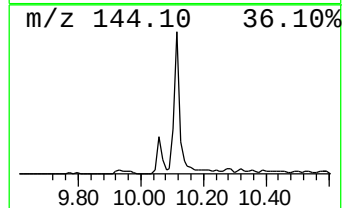
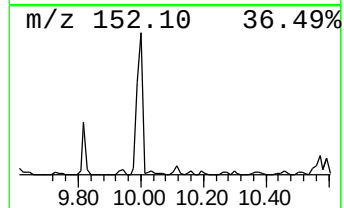
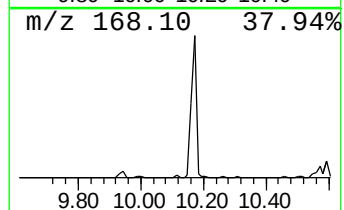
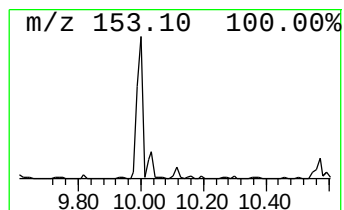
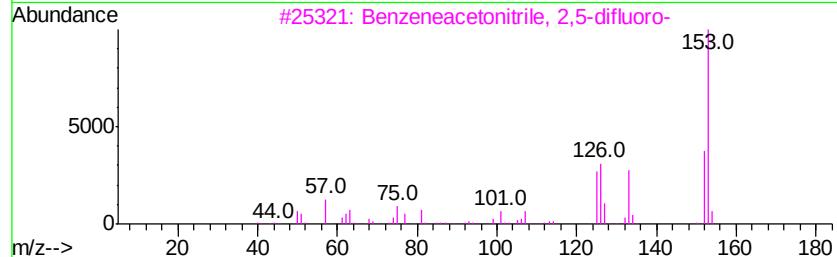
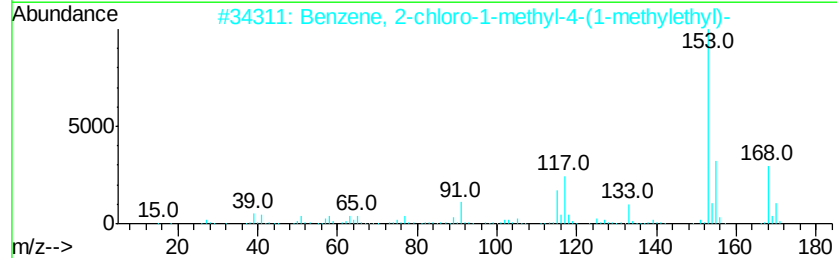
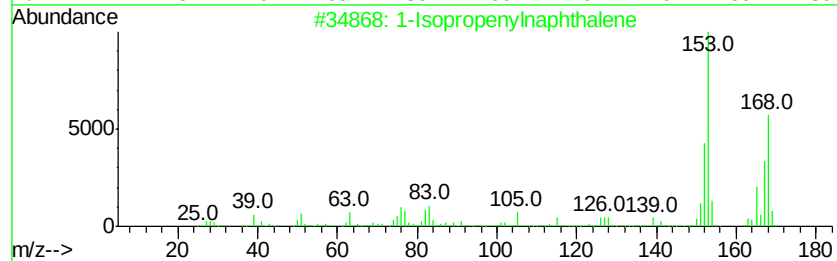
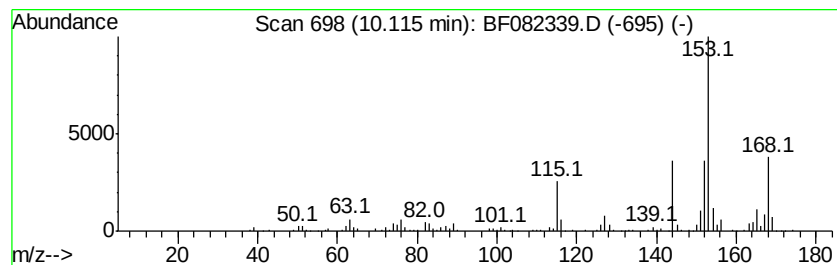
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	10.50 ng	528381	Acenaphthene-d10	9.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2		Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	52
3		Benzeneacetonitrile, 2,5-difluoro-	153	C8H5F2N	069584-87-8	46
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	46
5		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
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ClientSampleId :
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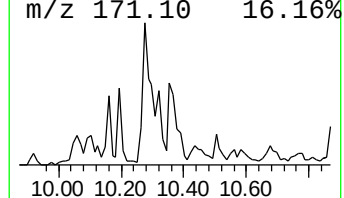
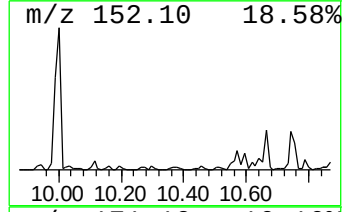
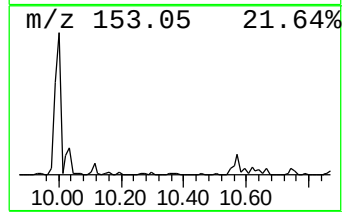
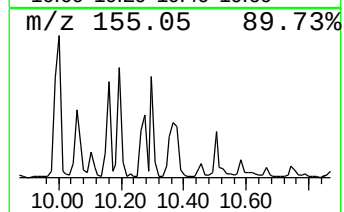
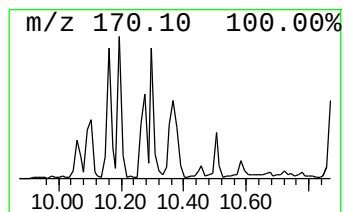
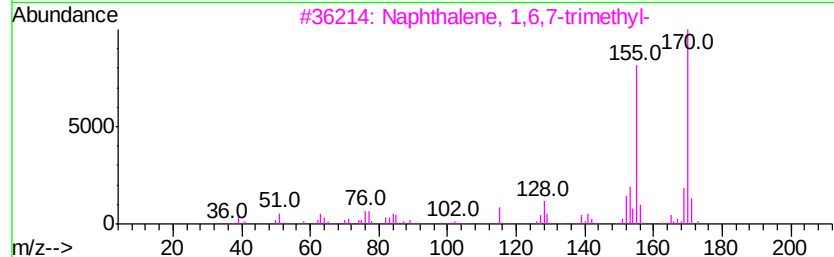
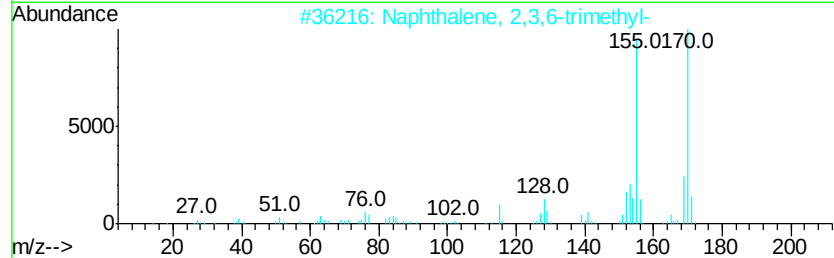
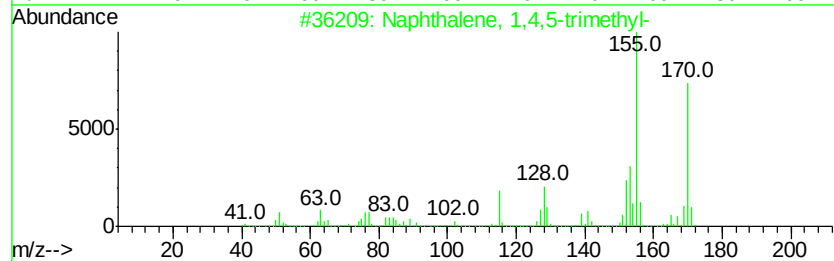
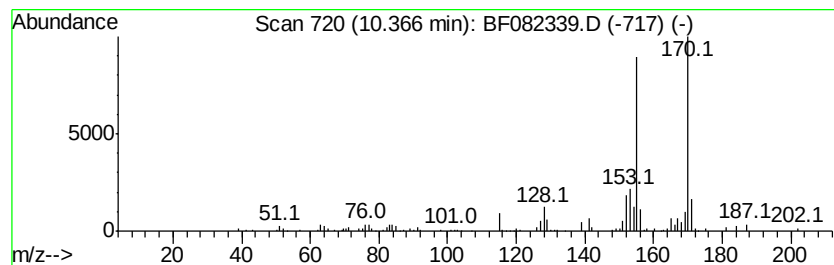
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	7.78 ng	391363	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
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Sample : G4046-04 10X
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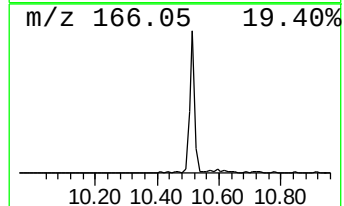
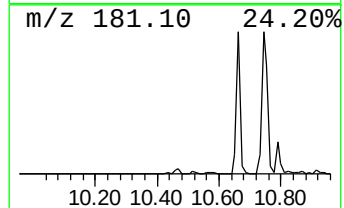
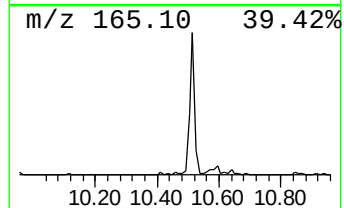
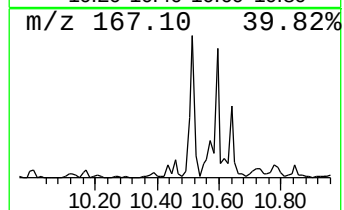
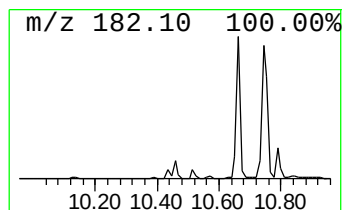
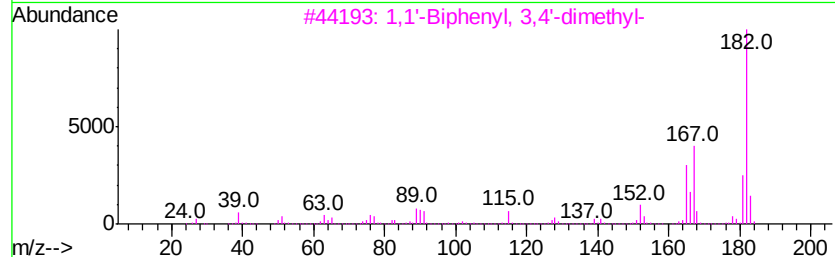
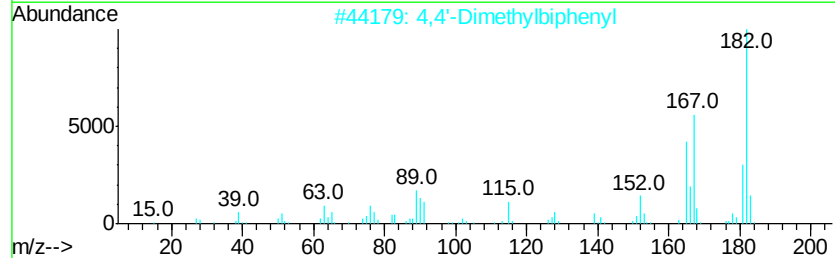
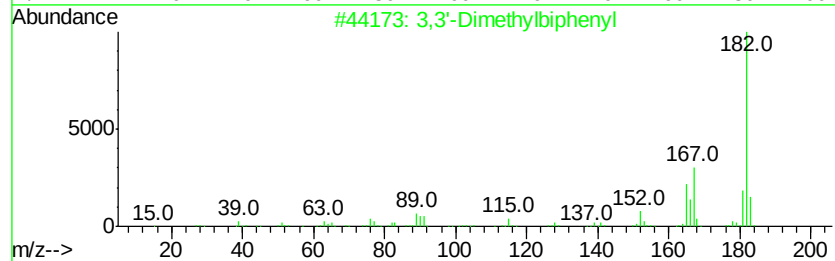
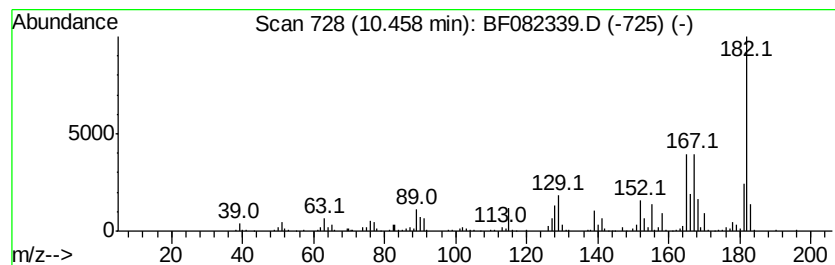
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,3'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	11.36 ng	571560	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3,3'-Dimethylbiphenyl	182 C14H14	000612-75-9 96
2		4,4'-Dimethylbiphenyl	182 C14H14	000613-33-2 93
3		1,1'-Biphenyl, 3,4'-dimethyl-	182 C14H14	007383-90-6 91
4		1,4-Methanonaphthalene,1,4-dihyd...	182 C14H14	007350-72-3 76
5		3-Ethyl-1,2-dihydro-6-methyl-5-n...	182 C8H10N2O3	1000241-09-2 59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
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ClientSampleId :
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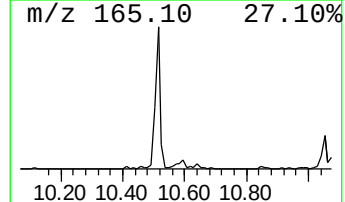
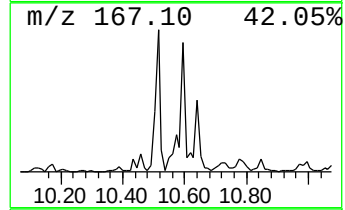
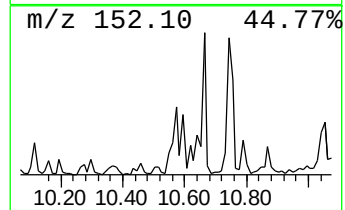
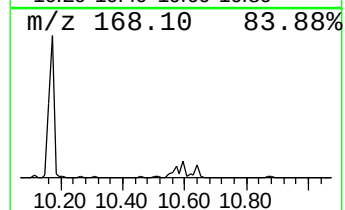
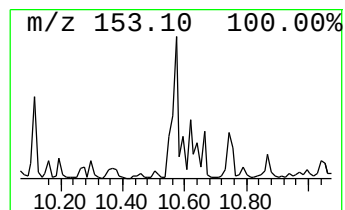
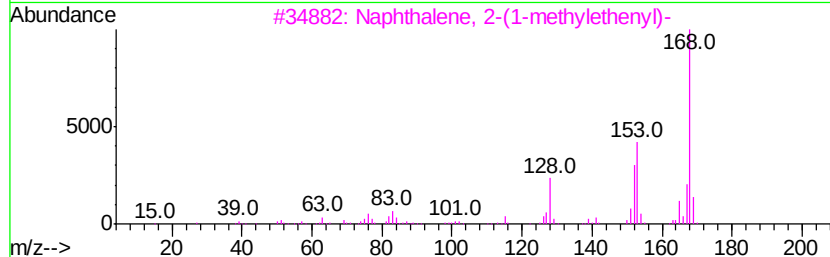
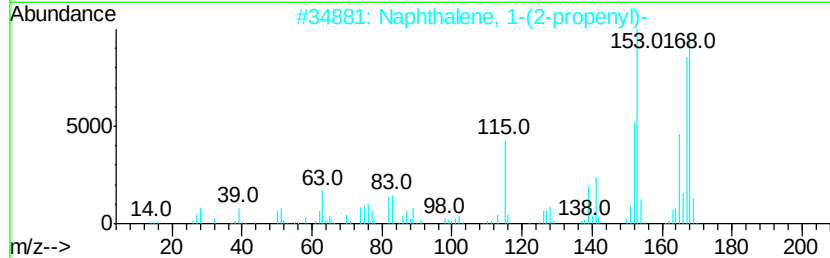
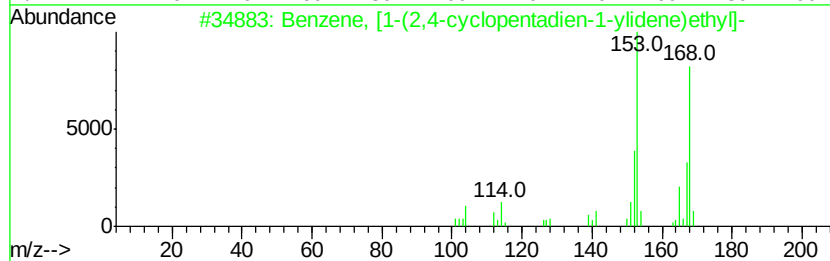
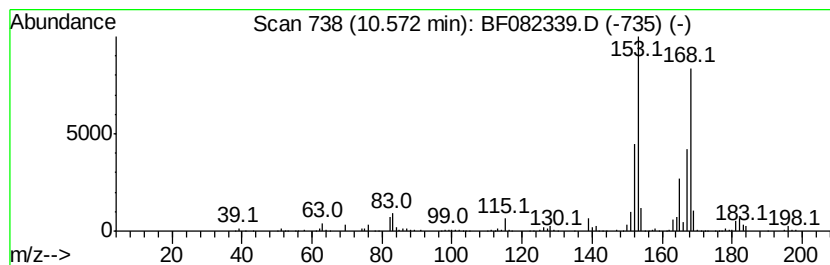
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, [1-(2,4-cyclopenta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	21.48 ng	1080570	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
5		Ethanone, 1-(2,3,4-trihydroxyphene...	168	C8H8O4	000528-21-2	47



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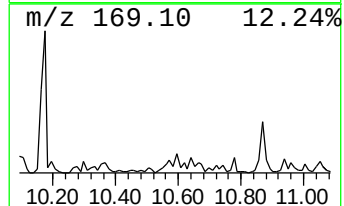
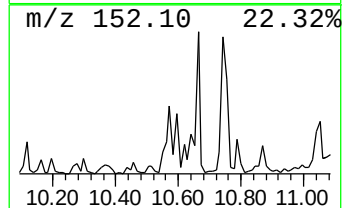
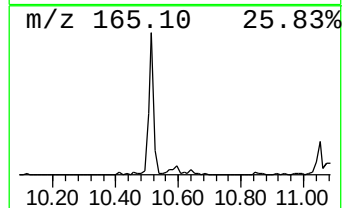
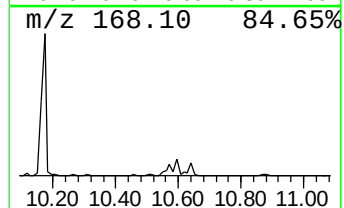
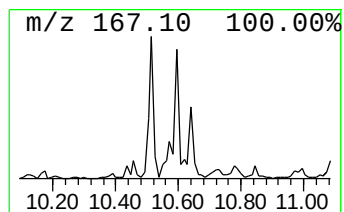
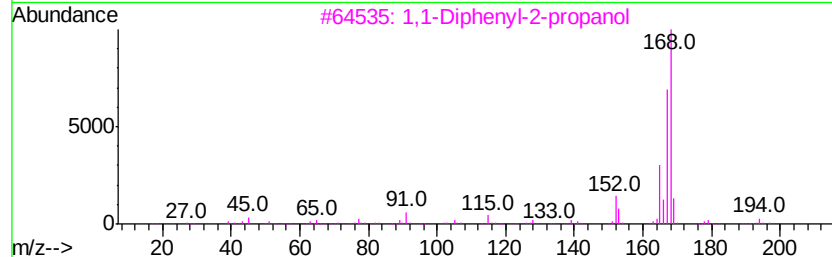
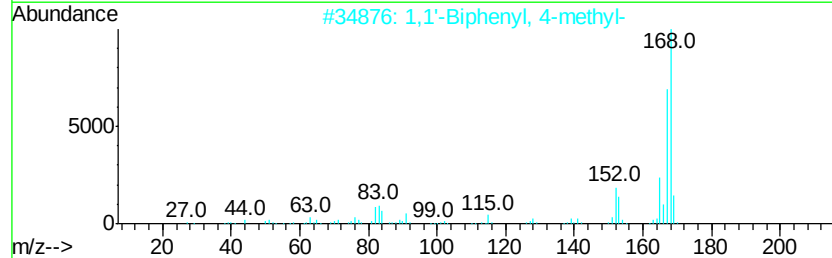
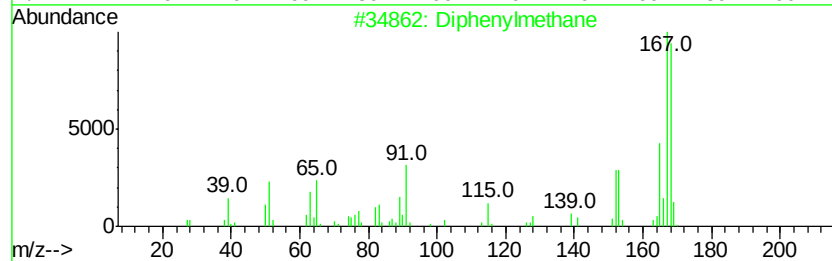
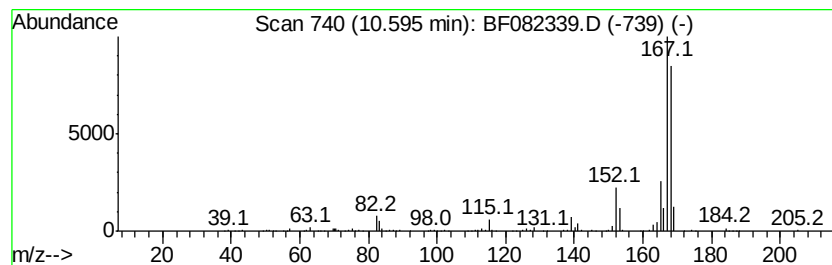
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	13.37 ng	672470	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diphenylmethane	168 C13H12	000101-81-5 87
2		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 68
3		1,1-Diphenyl-2-propanol	212 C15H16O	029338-49-6 64
4		Fluorene, 1,4-dihydro-	168 C13H12	041593-21-9 59
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 58



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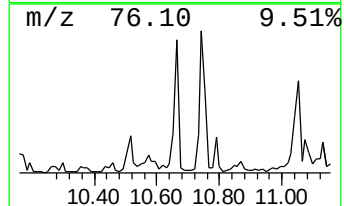
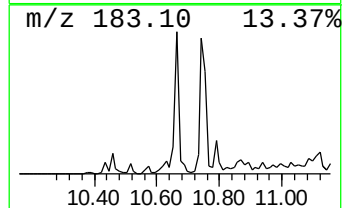
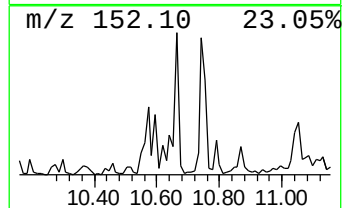
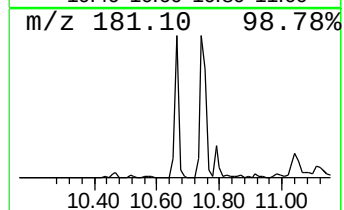
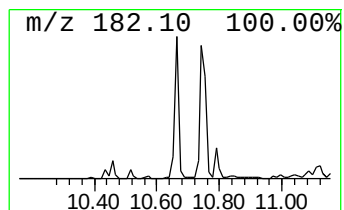
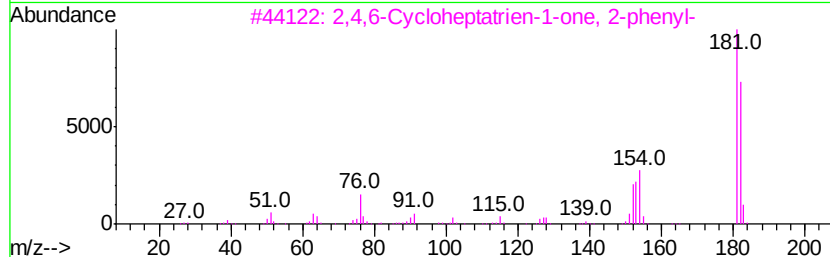
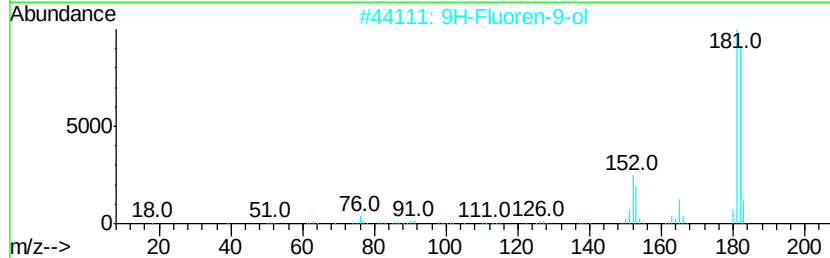
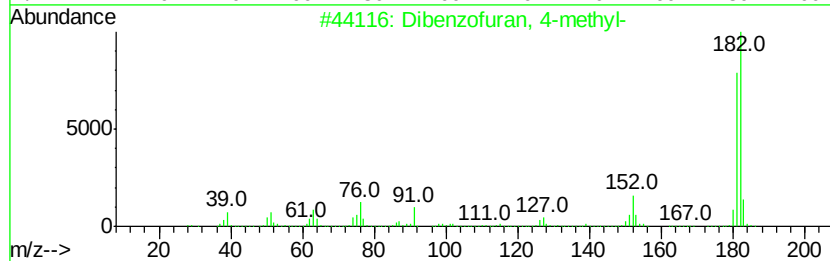
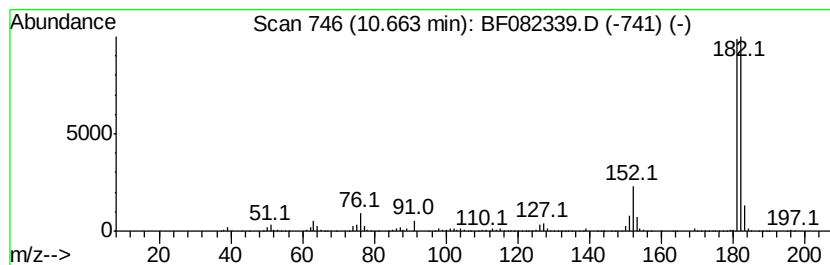
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	47.87 ng	2408050	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	78
4		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
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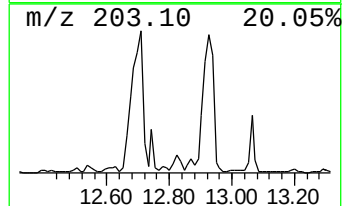
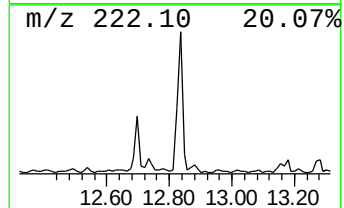
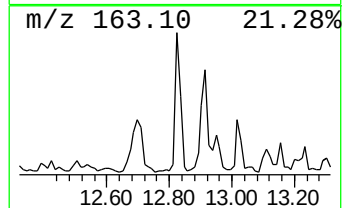
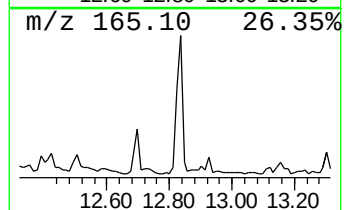
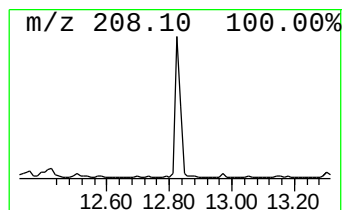
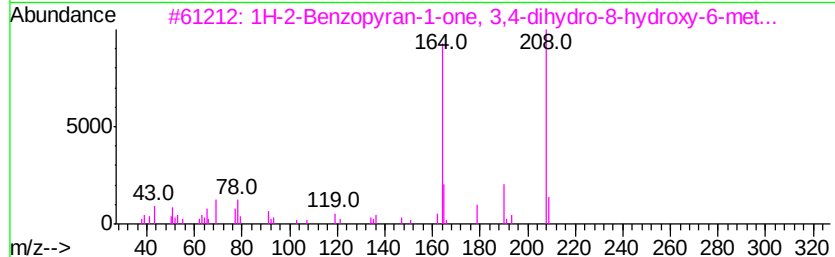
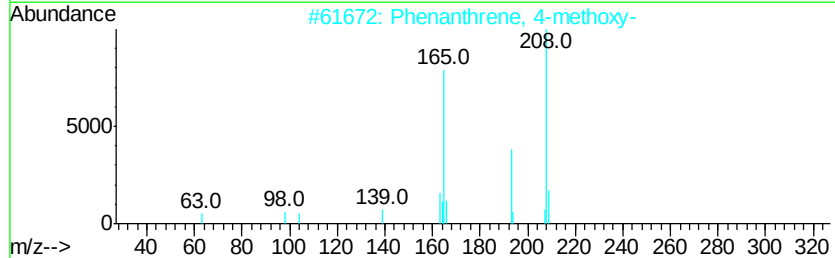
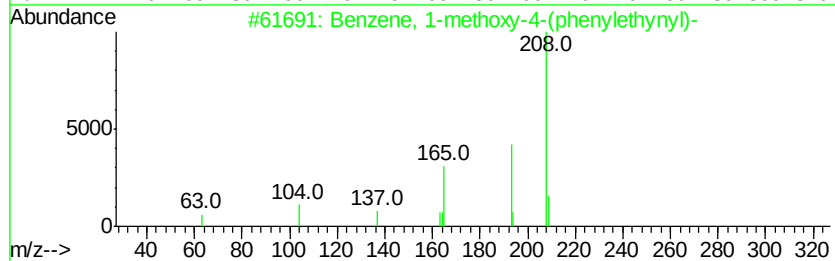
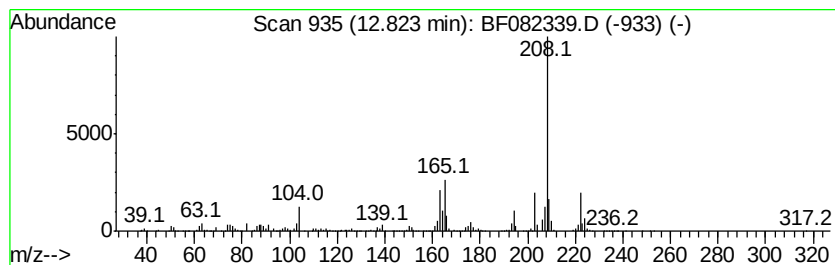
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.82 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	8.35 ng	2533570	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methoxy-4-(phenylethy...	208	C15H12O	007380-78-1	49
2		Phenanthrene, 4-methoxy-	208	C15H12O	015638-06-9	47
3		1H-2-Benzopyran-1-one, 3,4-dihyd...	208	C11H12O4	006803-02-7	43
4		Benzene, 1,1'-(2-methyl-1-propen...	208	C16H16	000781-33-9	40
5		Thiourea, N-(1,1-dimethylethyl)-...	208	C11H16N2S	014327-04-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
Acq On : 16 Oct 2015 21:39
Operator : UM/IZ
Sample : G4046-04 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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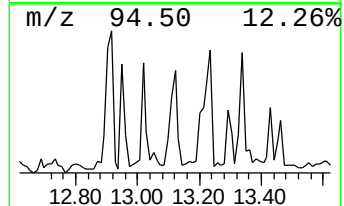
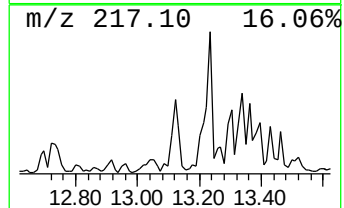
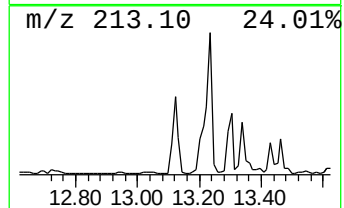
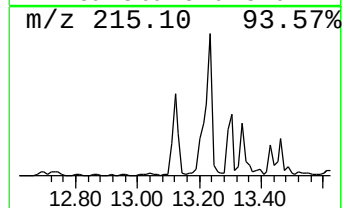
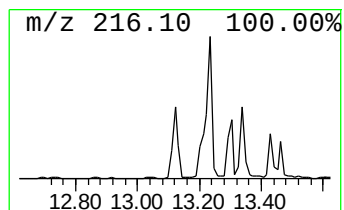
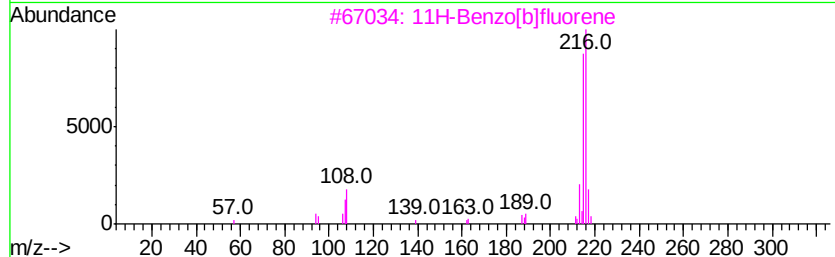
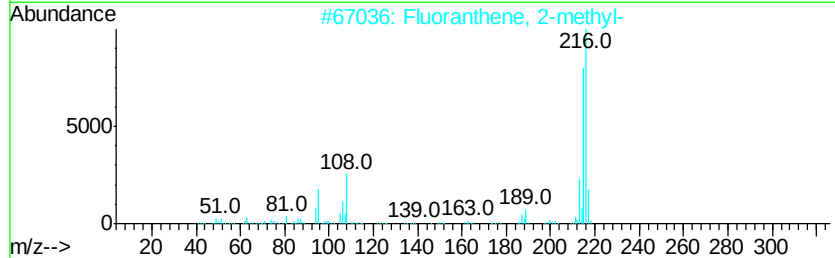
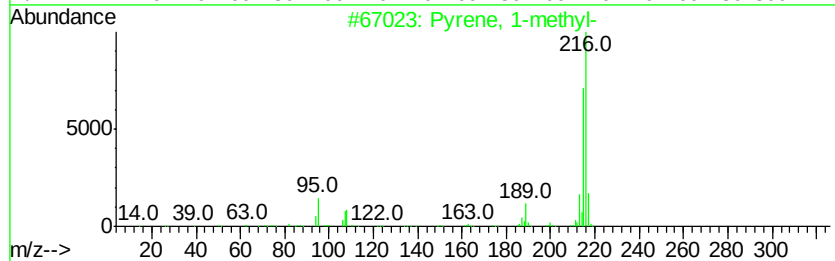
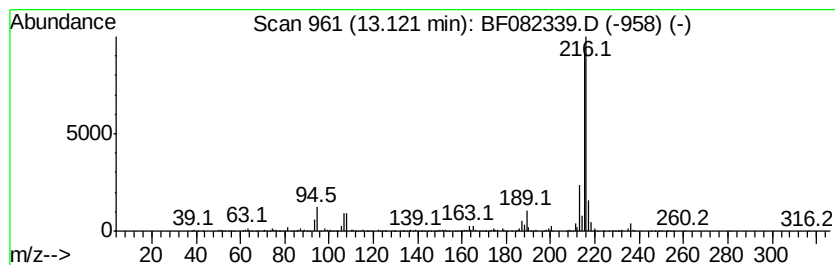
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	7.84 ng	2377560	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



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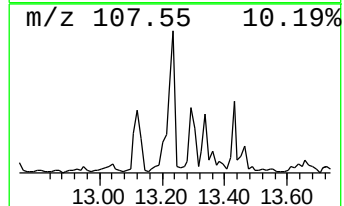
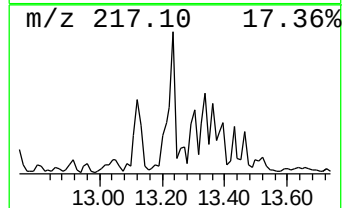
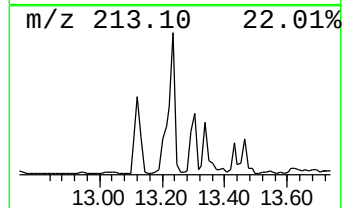
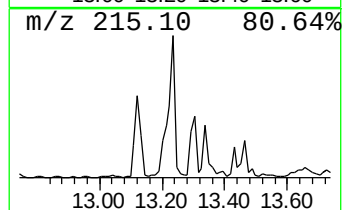
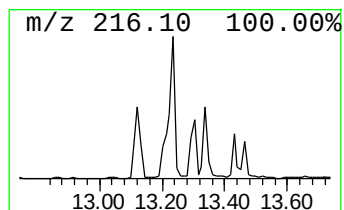
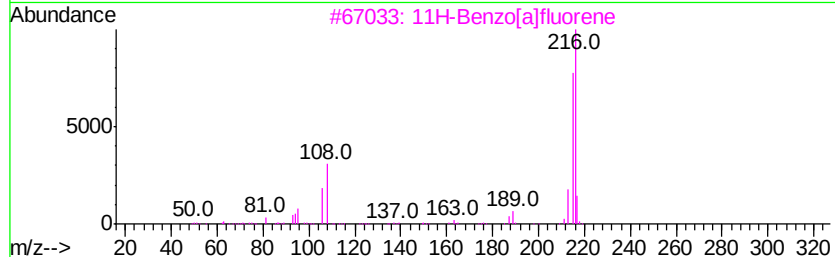
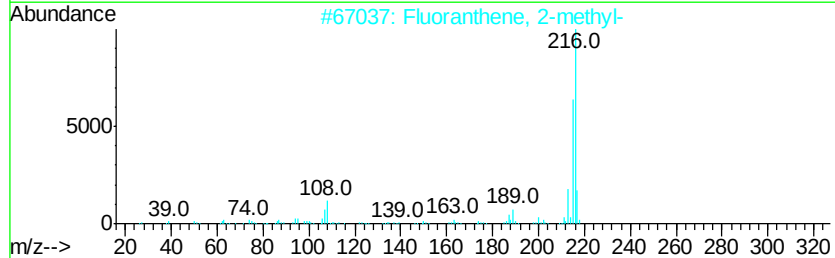
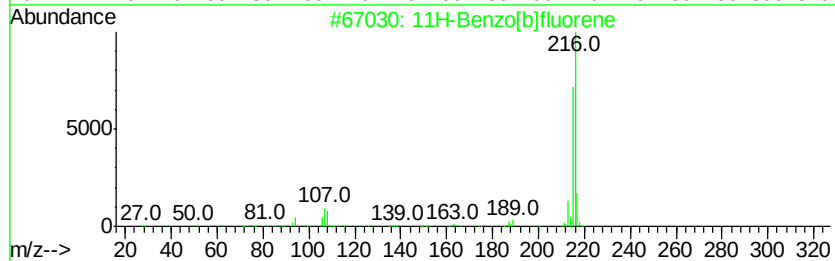
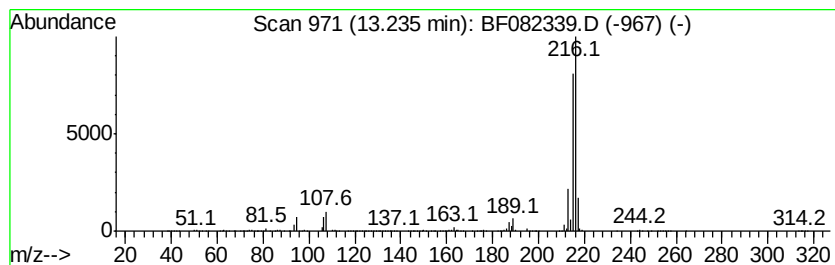
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	11.71 ng	3553680	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
4		Pvrene, 1-methyl-	216 C17H12	002381-21-7 83
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216 C12H12N2O2	312531-88-7 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
Acq On : 16 Oct 2015 21:39
Operator : UM/IZ
Sample : G4046-04 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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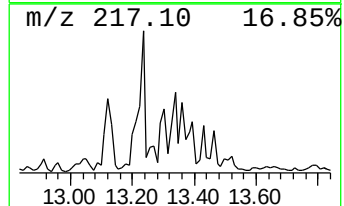
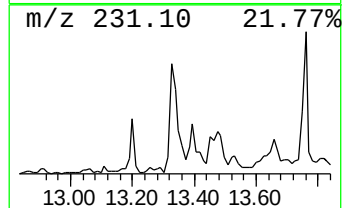
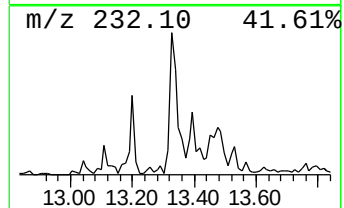
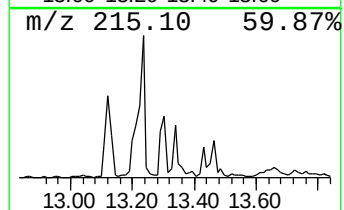
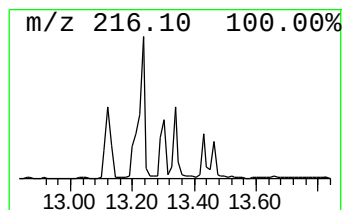
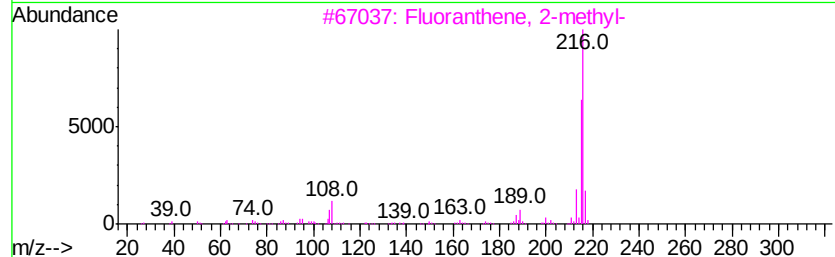
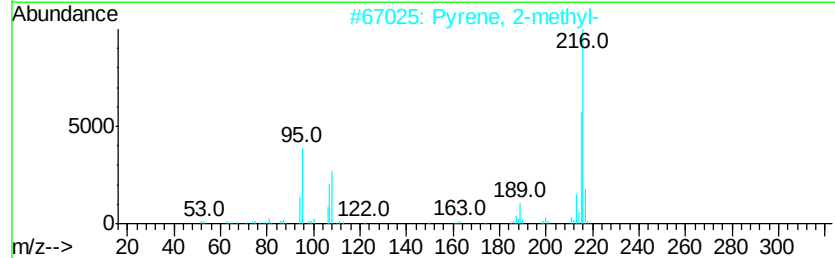
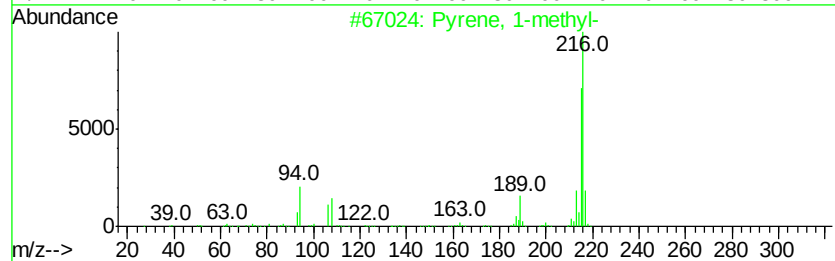
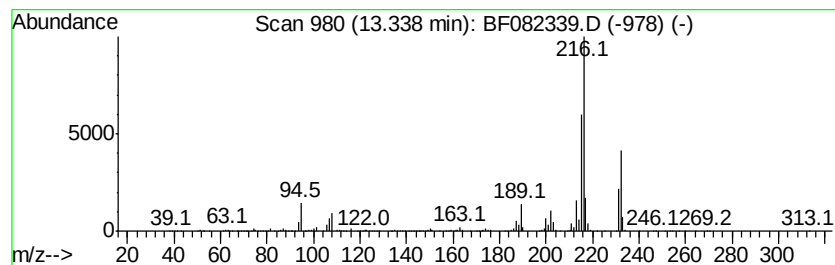
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	8.80 ng	2671450	Chrysene-d12	14.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
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	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
Data File : BF082339.D
Acq On : 16 Oct 2015 21:39
Operator : UM/IZ
Sample : G4046-04 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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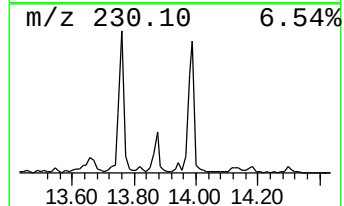
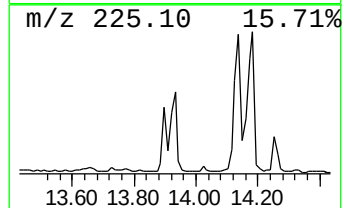
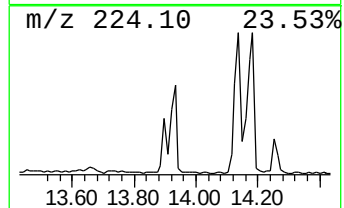
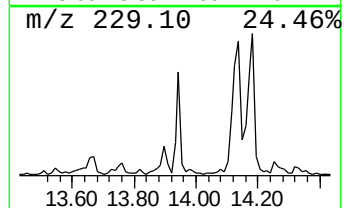
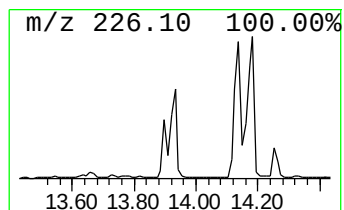
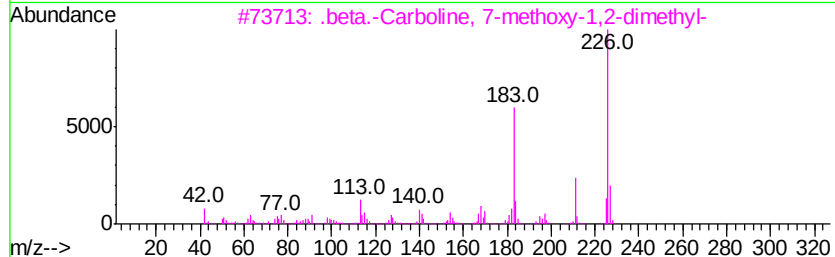
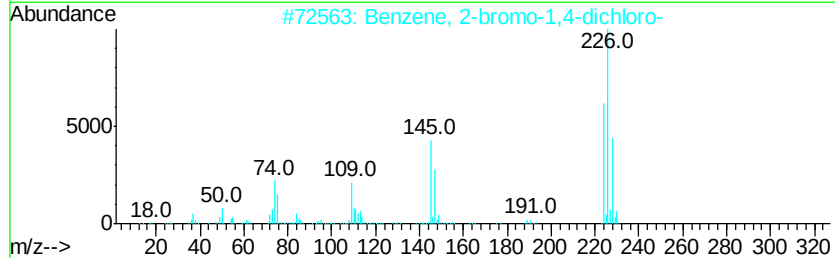
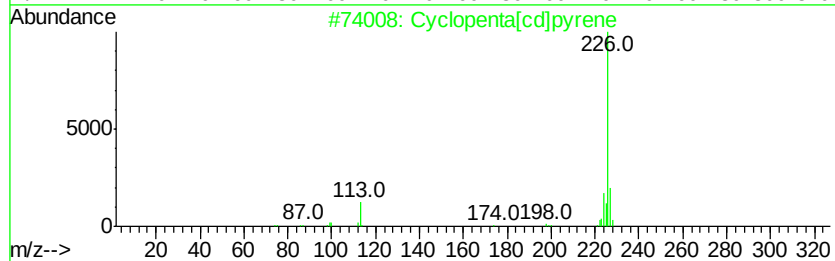
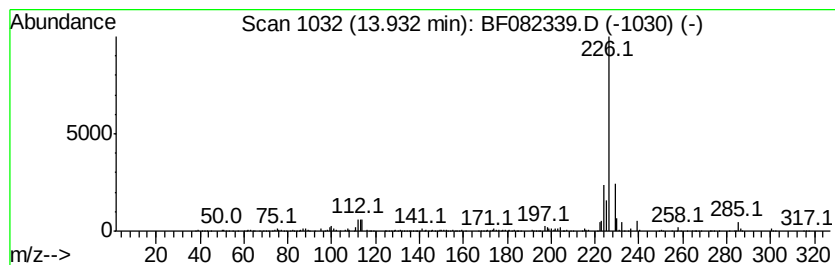
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	7.56 ng	2294730	Chrysene-d12	14.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2		Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	38
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	28
4		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	22
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	9



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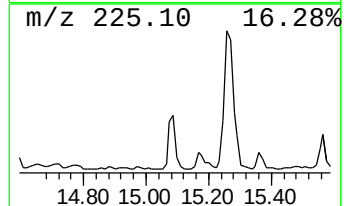
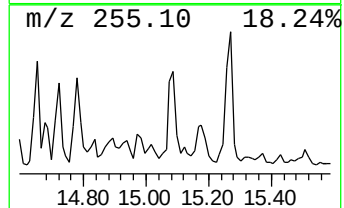
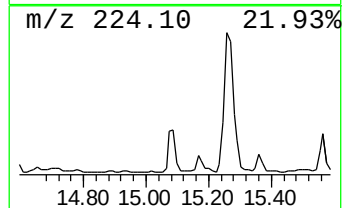
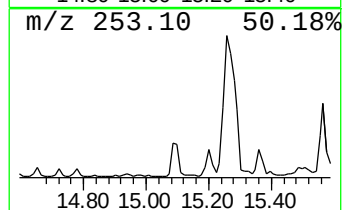
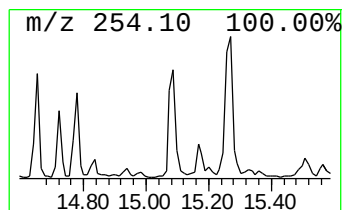
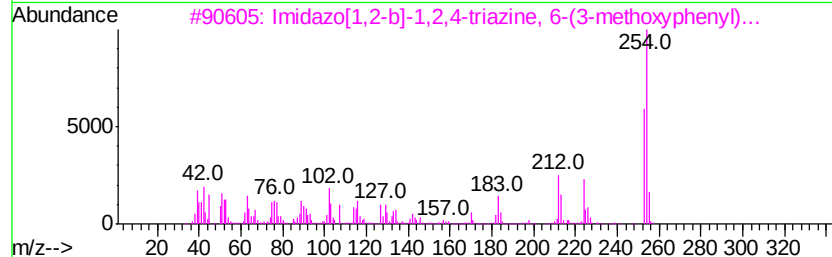
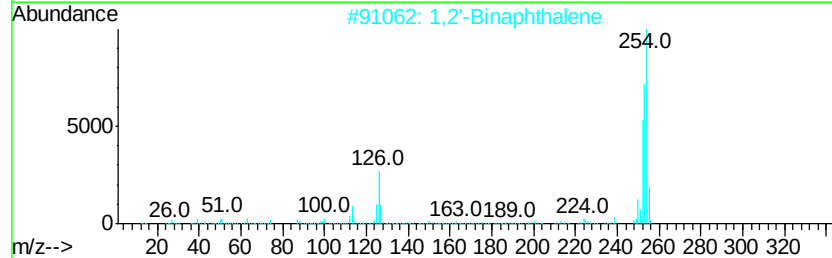
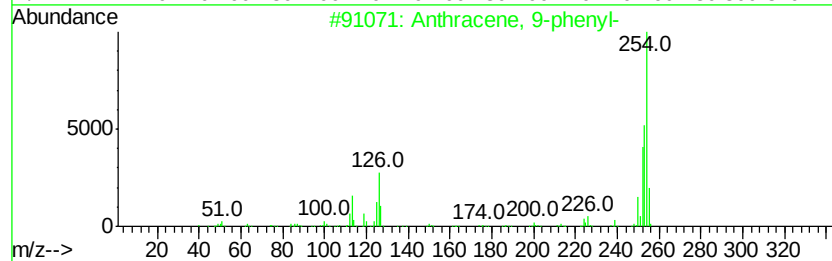
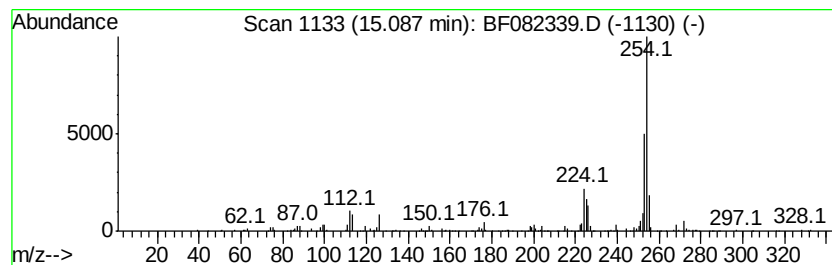
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 9-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	17.41 ng	491174	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	62
3		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	59
4		trans-4'-(Methylthio)chalcone	254	C16H14OS	017129-07-6	53
5		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53



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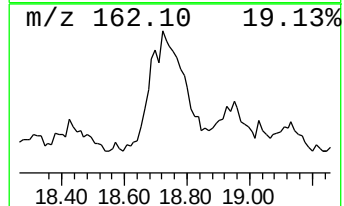
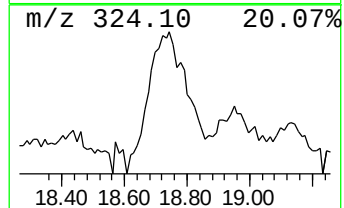
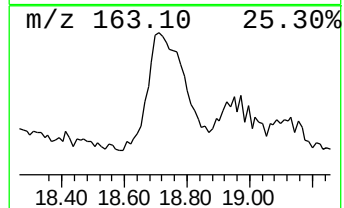
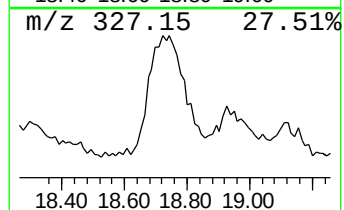
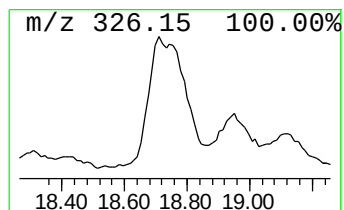
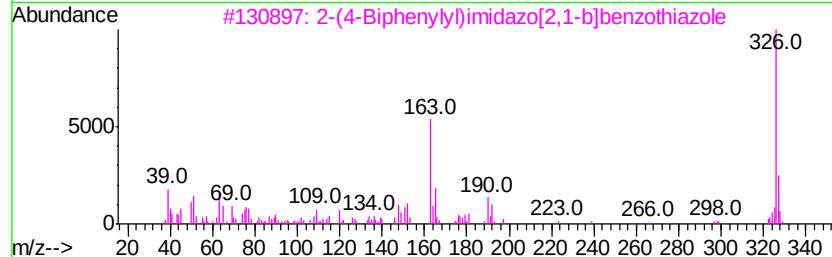
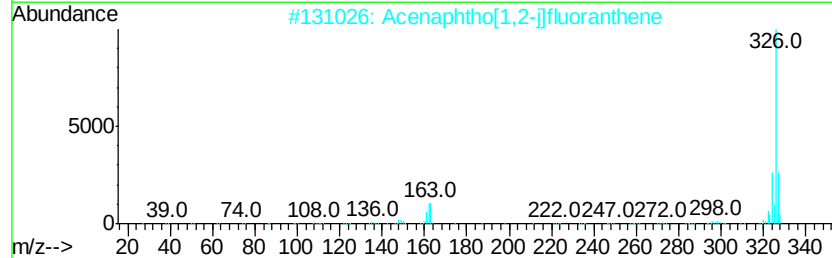
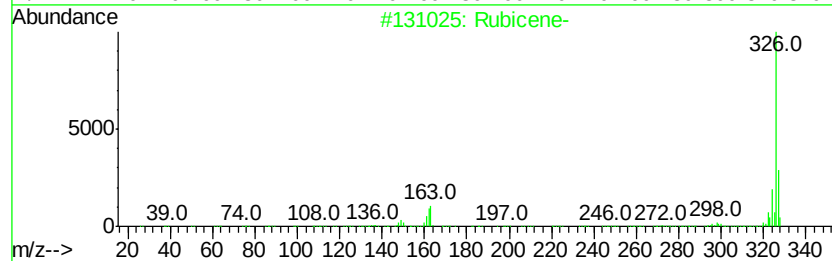
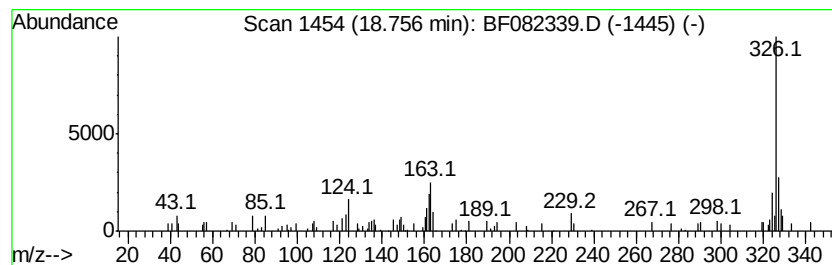
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Rubicene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	10.27 ng	289740	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Rubicene-	326	C26H14	000197-61-5	89
2		Acenaphtho[1,2-ij]fluoranthene	326	C26H14	000193-21-5	76
3		2-(4-Biphenylvl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	53
4		Benzene, 1,3-bis(4-phenyl-1,3-bu...	326	C26H14	037902-13-9	49
5		Acetic acid, [2,5-bis(trimethyls...	326	C15H26O4Si2	027798-63-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101715\
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Naphthalene, 2,7-...	9.54	14.1 ng		709074	3	9.95	1006050	20.0
Naphthalene, 1,4-...	9.61	15.4 ng		777295	3	9.95	1006050	20.0
Naphthalene, 1,3-...	9.73	10.6 ng		531853	3	9.95	1006050	20.0
1-Isopropenyl-naph...	10.11	10.5 ng		528381	3	9.95	1006050	20.0
Naphthalene, 1,4,...	10.37	7.8 ng		391363	3	9.95	1006050	20.0
3,3'-Dimethylbiph...	10.46	11.4 ng		571560	3	9.95	1006050	20.0
Benzene, [1-(2,4-...	10.57	21.5 ng		1080570	3	9.95	1006050	20.0
Diphenylmethane	10.59	13.4 ng		672470	3	9.95	1006050	20.0
Dibenzofuran, 4-m...	10.66	47.9 ng		2408050	3	9.95	1006050	20.0
unknown12.82	12.82	8.3 ng		2533570	5	14.15	6068250	20.0
Pyrene, 1-methyl-	13.12	7.8 ng		2377560	5	14.15	6068250	20.0
11H-Benzo[b]fluorene	13.24	11.7 ng		3553680	5	14.15	6068250	20.0
Pyrene, 2-methyl-	13.34	8.8 ng		2671450	5	14.15	6068250	20.0
Cyclopenta[cd]pyrene	13.93	7.6 ng		2294730	5	14.15	6068250	20.0
Anthracene, 9-phe...	15.09	17.4 ng		491174	6	15.69	564119	20.0
Rubcene-	18.76	10.3 ng		289740	6	15.69	564119	20.0