

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091414.D
 Acq On : 3 Dec 2016 2:47
 Operator : UM/SJ
 Sample : H5772-04 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

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-BF112916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.018	237	239	242	rBV	281996	314861	3.70%	0.252%
2	5.441	274	276	279	rBV	634594	857699	10.07%	0.685%
3	6.481	365	367	369	rBV	1098021	1023219	12.01%	0.818%
4	6.619	377	379	382	rBV	978240	889586	10.44%	0.711%
5	6.859	398	400	402	rBV	1398041	1118927	13.13%	0.894%
6	7.019	411	414	416	rVB	605448	657741	7.72%	0.526%
7	7.419	446	449	451	rBV	674904	580359	6.81%	0.464%
8	8.150	510	513	515	rBV	1090833	1470033	17.26%	1.175%
9	9.225	604	607	609	rBV	983890	963847	11.31%	0.770%
10	9.487	627	630	632	rBV	249350	335482	3.94%	0.268%
11	9.556	634	636	637	rVV	473219	452264	5.31%	0.361%
12	9.670	644	646	650	rVB	188847	283161	3.32%	0.226%
13	9.762	651	654	656	rBV	936697	888272	10.43%	0.710%
14	9.899	663	666	668	rBV	1763227	1617591	18.99%	1.293%
15	10.105	681	684	685	rBV	465461	464830	5.46%	0.371%
16	10.139	685	687	691	rVB	342333	383360	4.50%	0.306%
17	10.219	691	694	695	rBV	295758	387756	4.55%	0.310%
18	10.310	699	702	703	rBV2	185218	352949	4.14%	0.282%
19	10.413	707	711	712	rBV4	338298	461584	5.42%	0.369%
20	10.448	712	714	717	rVB2	665703	855313	10.04%	0.684%
21	10.505	717	719	722	rBV3	116337	316947	3.72%	0.253%
22	10.608	726	728	732	rVB3	296983	451051	5.29%	0.360%
23	10.688	732	735	737	rBV3	592807	905897	10.63%	0.724%
24	10.802	743	745	748	rBV2	1667362	1810712	21.25%	1.447%
25	10.996	759	762	763	rBV	351549	441319	5.18%	0.353%
26	11.145	770	775	777	rBV3	289590	657863	7.72%	0.526%
27	11.236	781	783	784	rBV2	160461	290223	3.41%	0.232%
28	11.259	784	785	786	rBV	355981	288113	3.38%	0.230%
29	11.385	794	796	797	rBV	1282167	1610630	18.91%	1.287%
30	11.408	797	798	800	rVV	3970423	4691304	55.07%	3.749%
31	11.453	800	802	804	rVV	1074365	1376194	16.15%	1.100%
32	11.488	804	805	807	rVV	320538	449989	5.28%	0.360%
33	11.545	807	810	812	rVV3	248321	546146	6.41%	0.436%
34	11.613	814	816	817	rVV	349754	399978	4.70%	0.320%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.682	821	822	823	rVV	482608	413113	4.85%	0.330%
36	11.716	823	825	828	rVV2	414314	536146	6.29%	0.428%
37	11.888	837	840	841	rVV	1544738	1526109	17.91%	1.220%
38	11.911	841	842	844	rVB	1638015	1579851	18.54%	1.263%
39	11.956	844	846	848	rBV	497042	557517	6.54%	0.446%
40	12.002	848	850	854	rVB2	1675271	3290452	38.62%	2.630%
41	12.093	854	858	859	rBV4	217105	401193	4.71%	0.321%
42	12.185	861	866	871	rVB2	806427	1683579	19.76%	1.345%
43	12.276	871	874	876	rBV3	114517	298635	3.51%	0.239%
44	12.333	876	879	880	rBV2	357379	595374	6.99%	0.476%
45	12.356	880	881	885	rVB2	542442	998575	11.72%	0.798%
46	12.436	885	888	890	rBV	1538118	2036072	23.90%	1.627%
47	12.471	890	891	894	rVV2	824410	1232887	14.47%	0.985%
48	12.528	894	896	900	rVV3	647312	1088559	12.78%	0.870%
49	12.608	900	903	905	rVV	6919594	7787078	91.41%	6.223%
50	12.665	905	908	909	rVV3	268440	601409	7.06%	0.481%
51	12.688	909	910	912	rVB	415274	395764	4.65%	0.316%
52	12.745	912	915	920	rBV3	408511	918890	10.79%	0.734%
53	12.836	920	923	925	rBV	6163875	8519115	100.00%	6.808%
54	12.882	925	927	929	rVB2	473492	718025	8.43%	0.574%
55	12.939	929	932	933	rBV	643996	809769	9.51%	0.647%
56	12.974	933	935	938	rVB2	853982	1401364	16.45%	1.120%
57	13.042	938	941	945	rBV3	1017988	1872661	21.98%	1.497%
58	13.156	945	951	952	rVB2	1313631	2767762	32.49%	2.212%
59	13.214	952	956	958	rBV2	699029	1267312	14.88%	1.013%
60	13.259	958	960	962	rVV2	1326247	1462587	17.17%	1.169%
61	13.351	964	968	969	rVV	906715	993253	11.66%	0.794%
62	13.374	969	970	972	rVV	678869	871697	10.23%	0.697%
63	13.465	975	978	980	rVB4	166899	292907	3.44%	0.234%
64	13.556	984	986	989	rVB2	329034	536751	6.30%	0.429%
65	13.659	991	995	997	rBV	1019447	1295196	15.20%	1.035%
66	13.774	1002	1005	1006	rBV2	874416	1494335	17.54%	1.194%
67	13.819	1008	1009	1011	rVV2	642929	936071	10.99%	0.748%
68	13.865	1011	1013	1015	rVB2	865802	1010746	11.86%	0.808%
69	14.025	1023	1027	1028	rBV2	3763989	6782126	79.61%	5.420%
70	14.059	1028	1030	1033	rVV	4120085	4931993	57.89%	3.942%
71	14.128	1033	1036	1037	rVV2	580384	815964	9.58%	0.652%

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72	14.162	1037	1039	1040	rVV	491345	647284	7.60%	0.517%
73	14.242	1044	1046	1048	rVV2	433852	745189	8.75%	0.596%
74	14.277	1048	1049	1053	rVV	374834	451645	5.30%	0.361%
75	14.368	1056	1057	1058	rVV	321407	360759	4.23%	0.288%
76	14.414	1058	1061	1062	rVV	944681	1575199	18.49%	1.259%
77	14.437	1062	1063	1065	rVV	609676	827565	9.71%	0.661%
78	14.505	1065	1069	1070	rVV3	579753	1155986	13.57%	0.924%
79	14.528	1070	1071	1075	rVV2	681611	1359389	15.96%	1.086%
80	14.597	1075	1077	1081	rVV3	301361	561474	6.59%	0.449%
81	14.791	1092	1094	1095	rVV2	197578	295832	3.47%	0.236%
82	14.825	1095	1097	1099	rVB2	259124	347569	4.08%	0.278%
83	14.894	1099	1103	1107	rBV2	357132	845142	9.92%	0.675%
84	15.054	1114	1117	1122	rBV	2558854	6658639	78.16%	5.322%
85	15.157	1124	1126	1128	rVB	566755	686861	8.06%	0.549%
86	15.237	1131	1133	1136	rBV2	152473	401418	4.71%	0.321%
87	15.351	1140	1143	1145	rVV	1487722	2278380	26.74%	1.821%
88	15.408	1145	1148	1151	rVV	2278944	3124582	36.68%	2.497%
89	15.465	1151	1153	1154	rVV	581589	809992	9.51%	0.647%
90	15.488	1154	1155	1159	rVB2	690702	1107782	13.00%	0.885%
91	15.625	1163	1167	1169	rBV4	155921	421864	4.95%	0.337%
92	15.808	1181	1183	1186	rVB2	172482	296065	3.48%	0.237%
93	16.002	1198	1200	1204	rVB2	197448	334097	3.92%	0.267%
94	16.711	1257	1262	1269	rVB3	201444	698028	8.19%	0.558%
95	16.882	1272	1277	1280	rVB2	958239	2050909	24.07%	1.639%
96	17.031	1288	1290	1293	rBV	164687	298418	3.50%	0.238%
97	17.088	1293	1295	1298	rBV2	157651	311852	3.66%	0.249%
98	17.305	1309	1314	1321	rVB	713531	1778307	20.87%	1.421%
99	17.511	1329	1332	1340	rVB2	204315	562479	6.60%	0.450%
100	19.443	1495	1501	1509	rVB	187712	818264	9.61%	0.654%

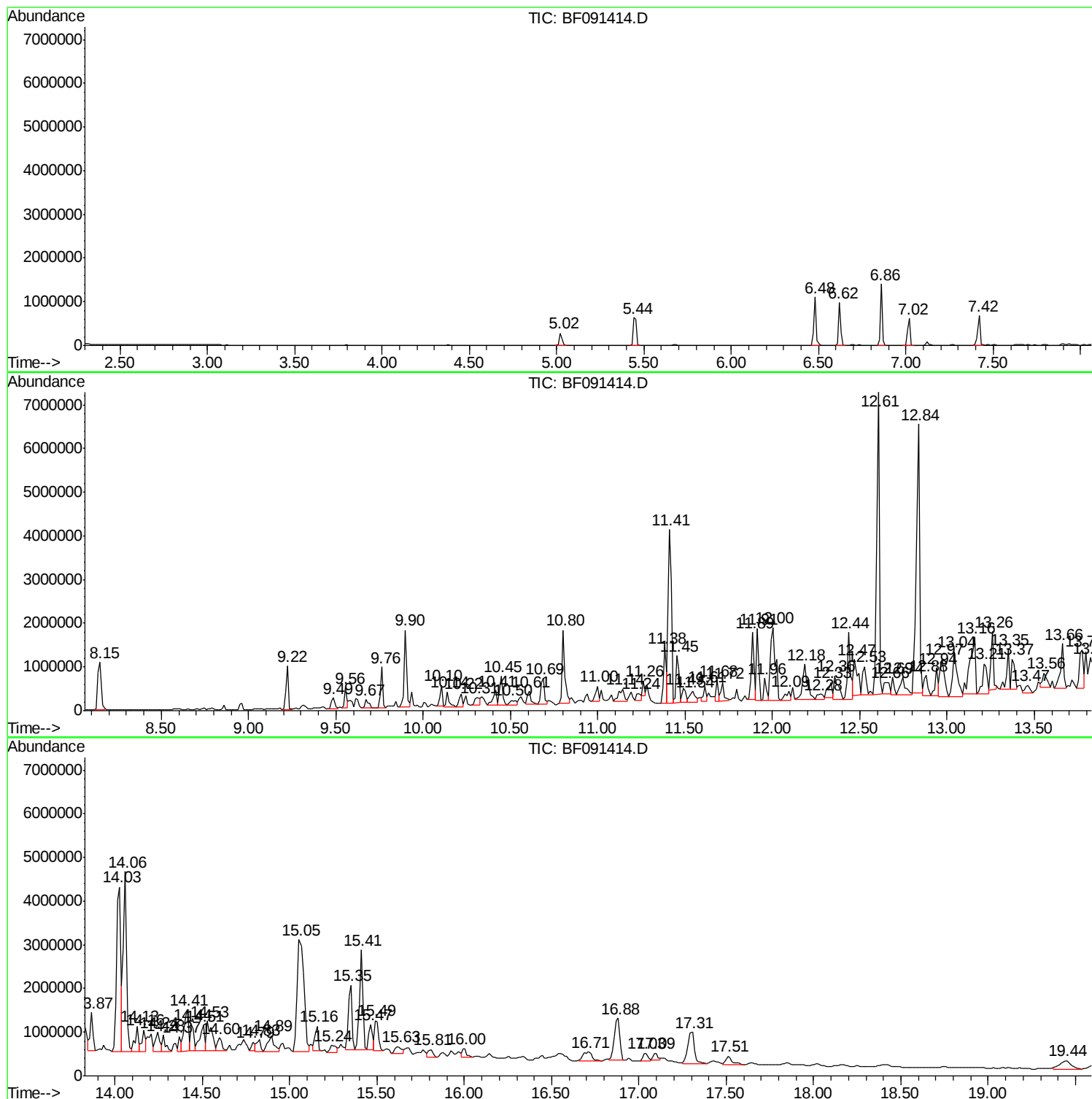
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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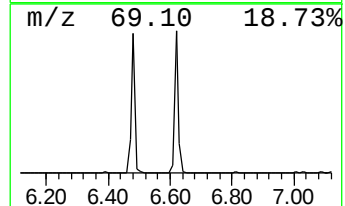
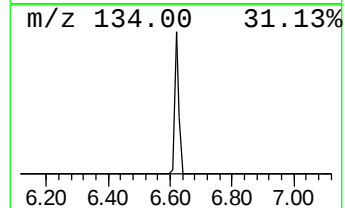
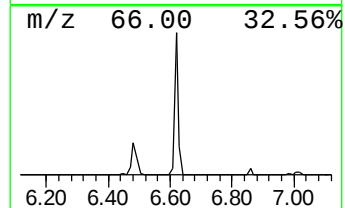
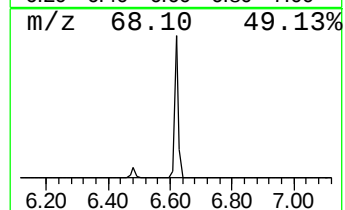
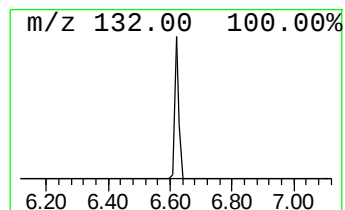
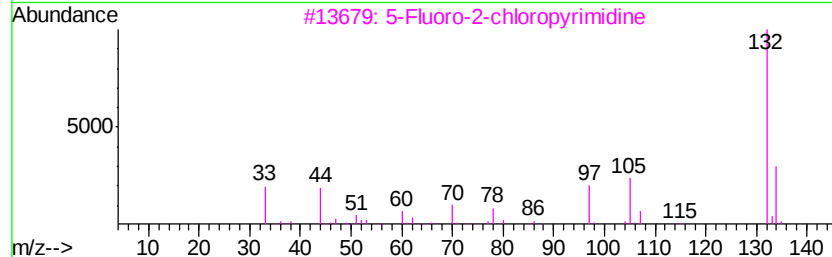
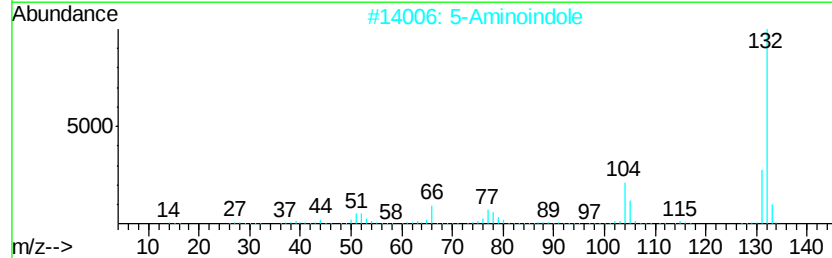
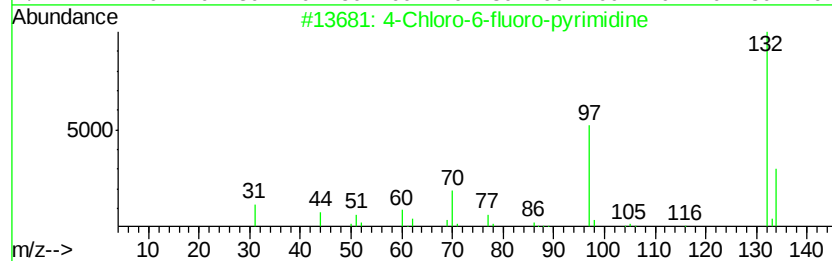
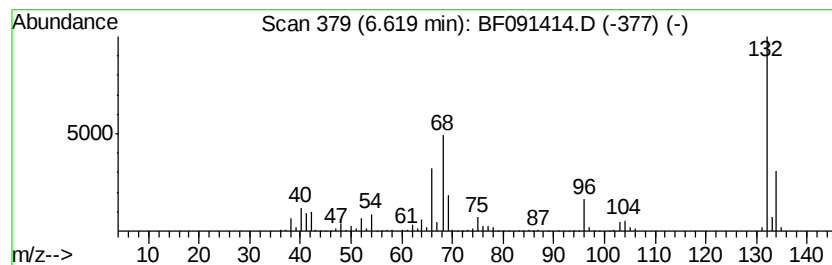
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	15.90 ng	889586	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	22
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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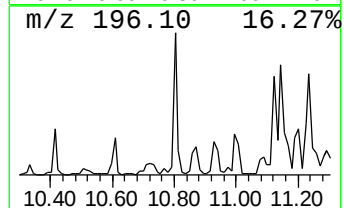
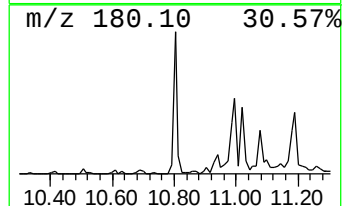
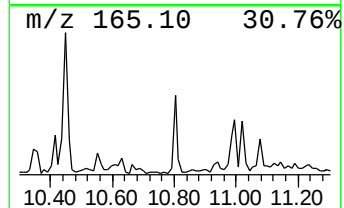
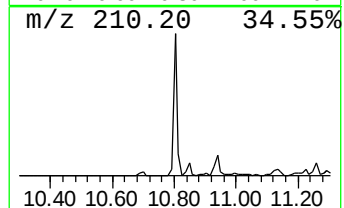
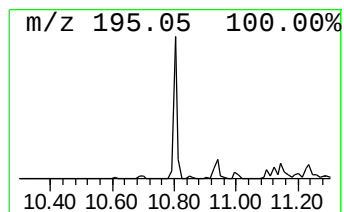
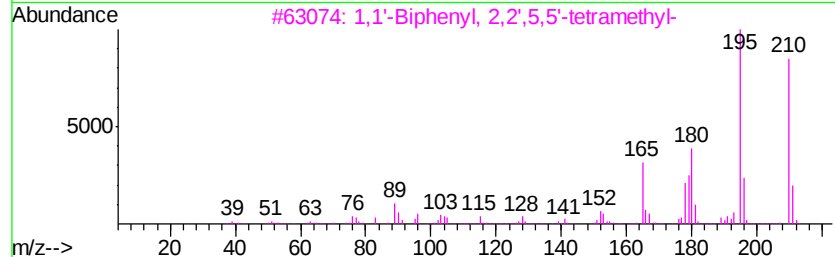
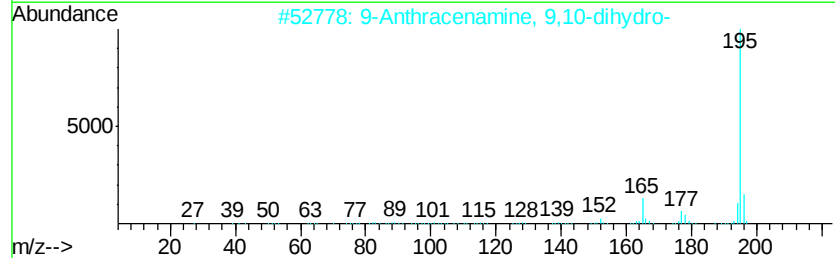
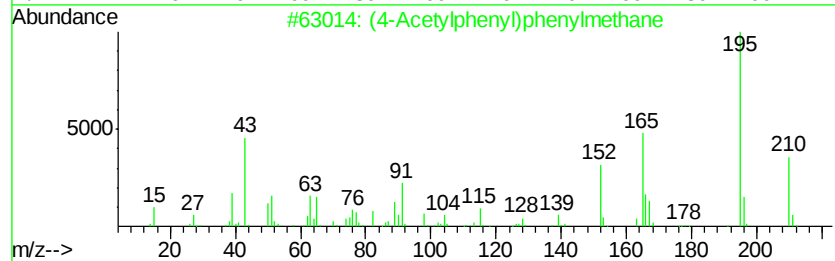
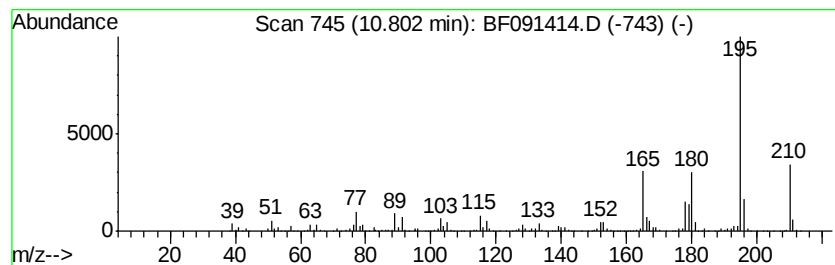
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (4-Acetylphenyl)phenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	22.48 ng	1810710	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	64
2	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
3	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	53
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	53
5	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	52



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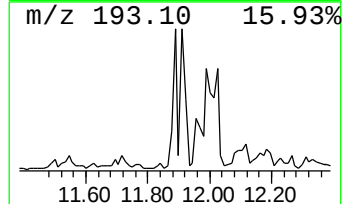
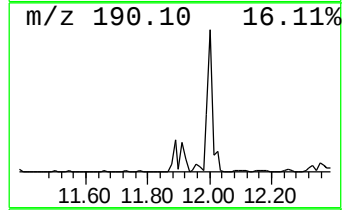
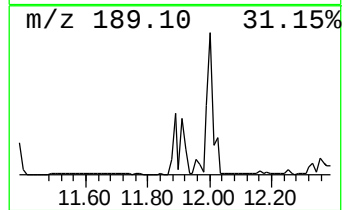
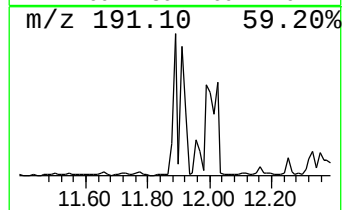
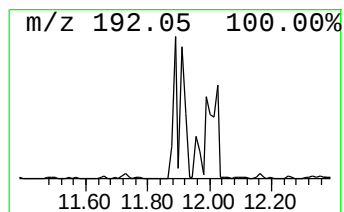
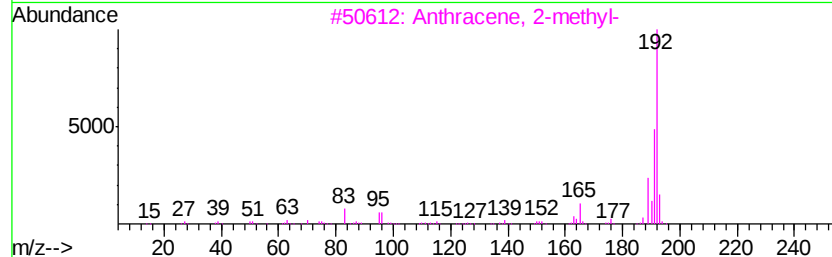
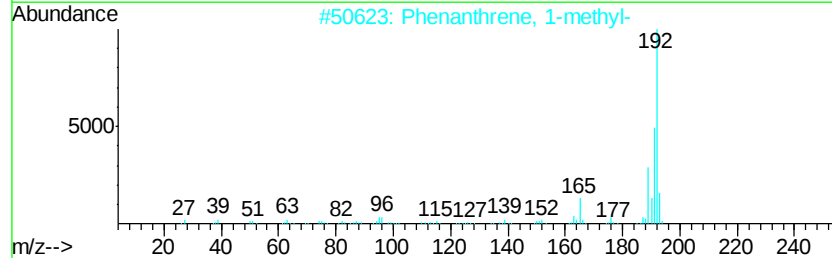
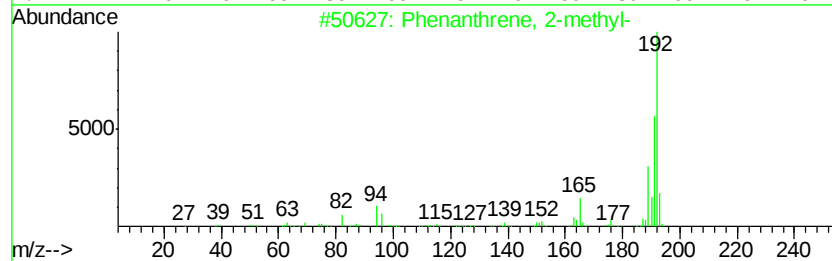
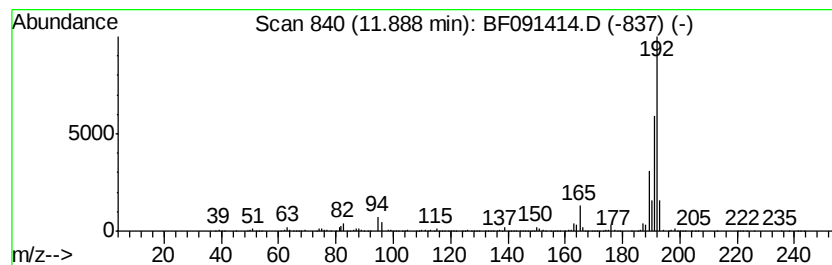
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	18.95 ng	1526110	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
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Instrument :
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ClientSampleId :
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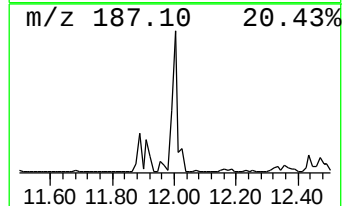
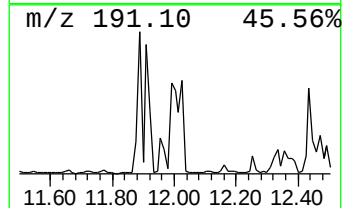
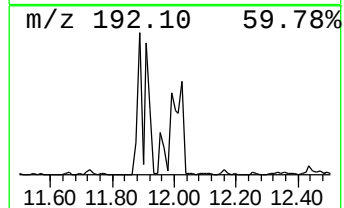
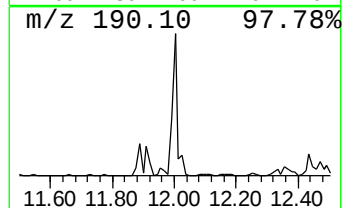
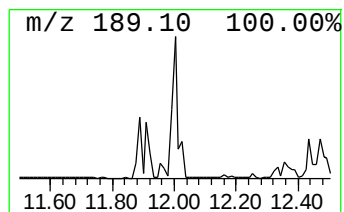
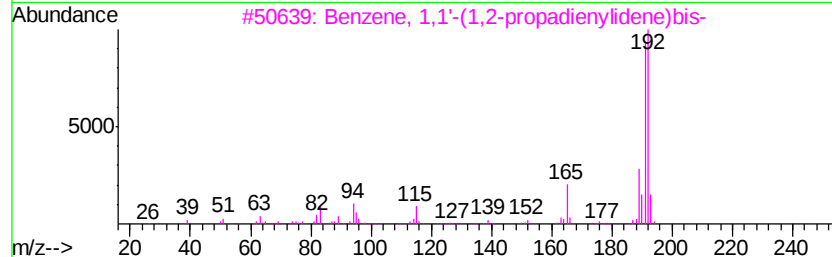
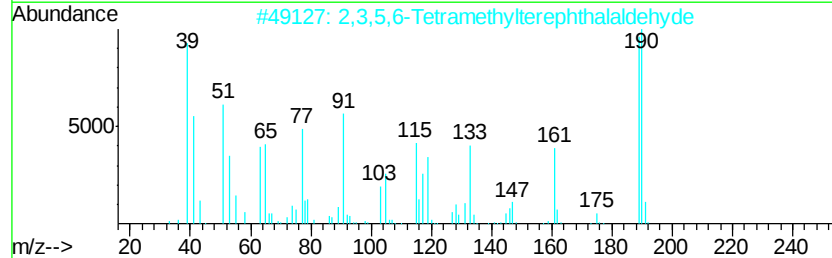
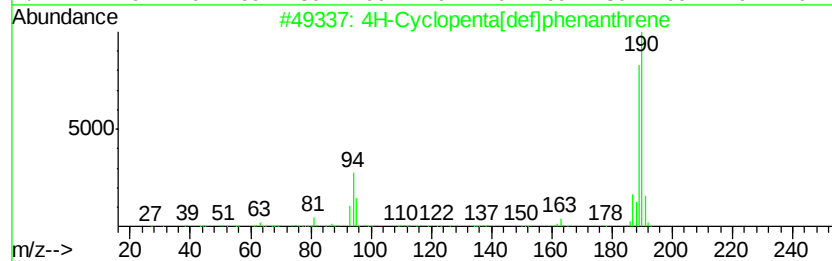
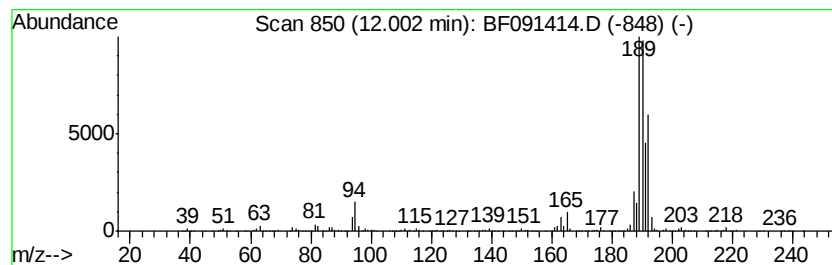
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	40.86 ng	3290450	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	22
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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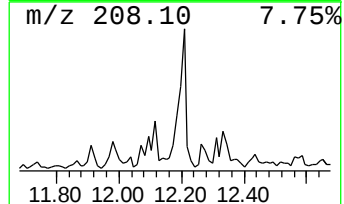
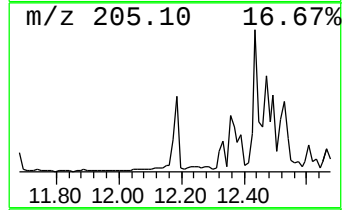
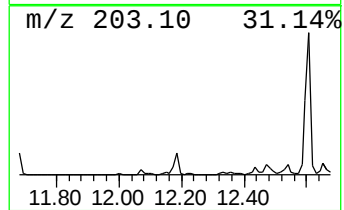
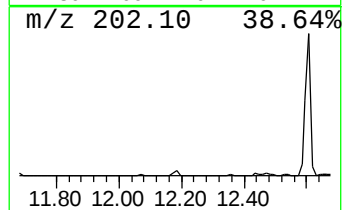
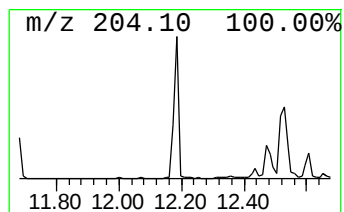
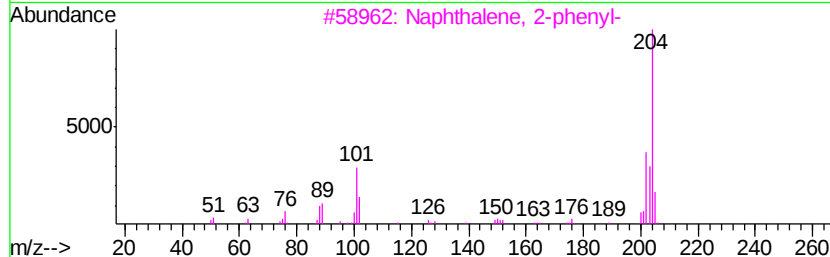
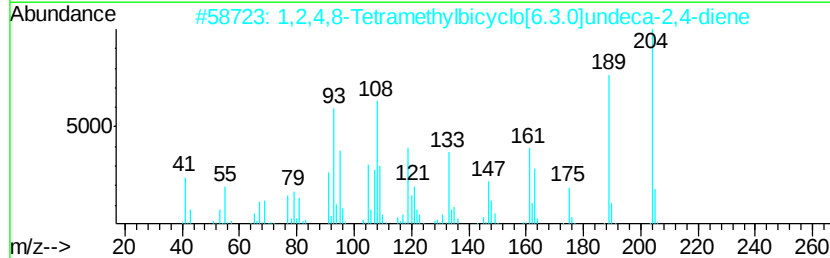
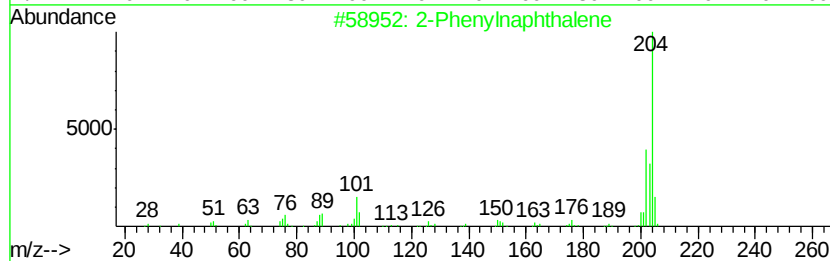
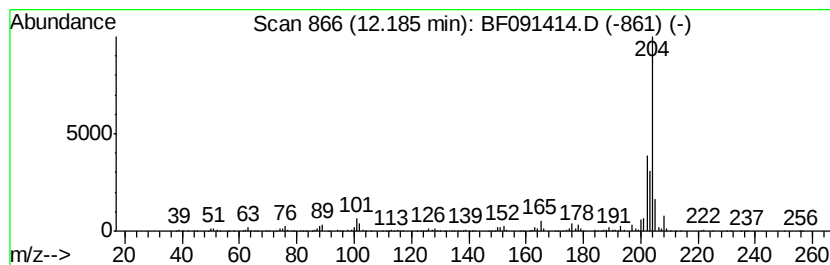
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Phenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	20.91 ng	1683580	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	94
2		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Sample : H5772-04 5X
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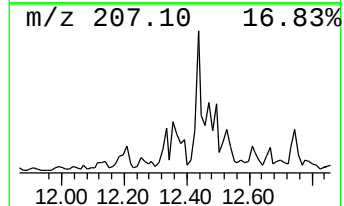
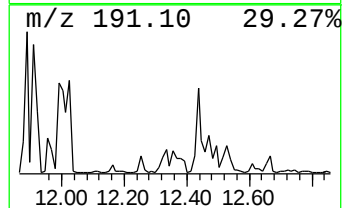
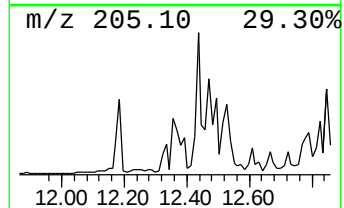
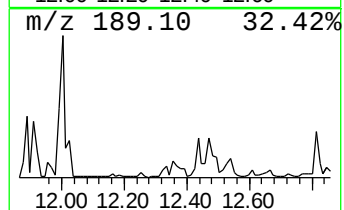
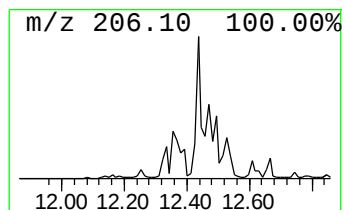
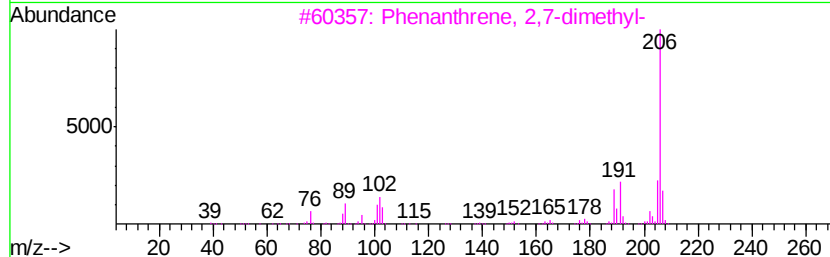
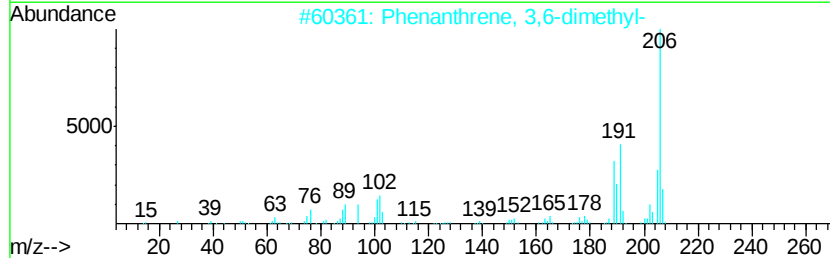
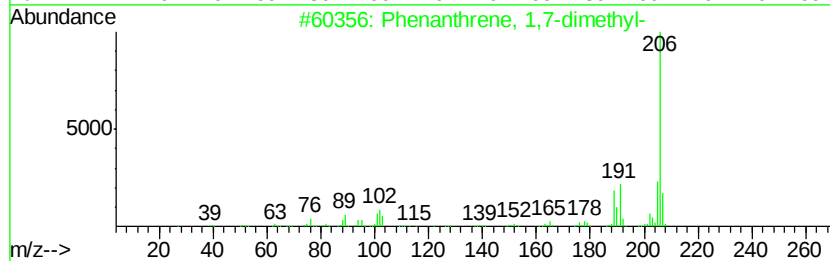
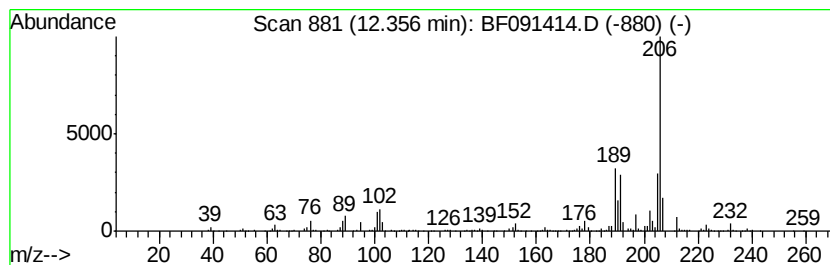
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.36	12.40 ng	998575	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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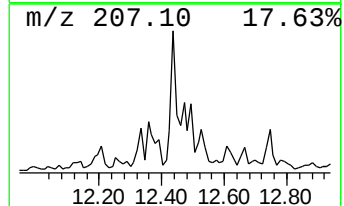
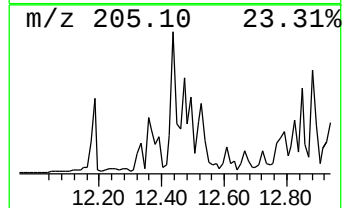
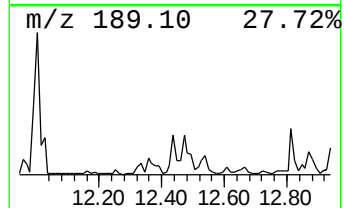
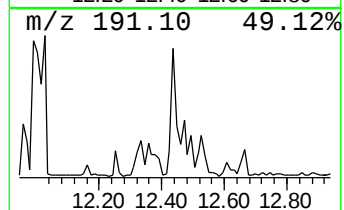
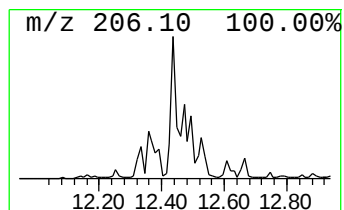
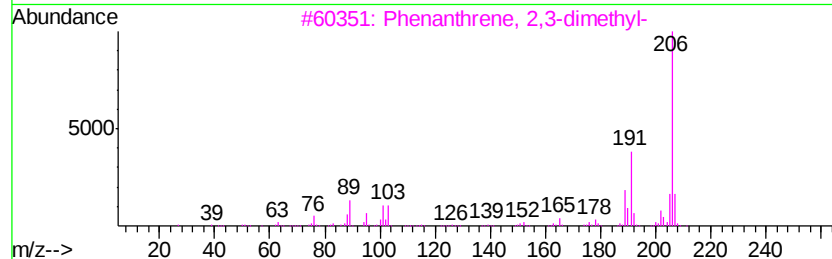
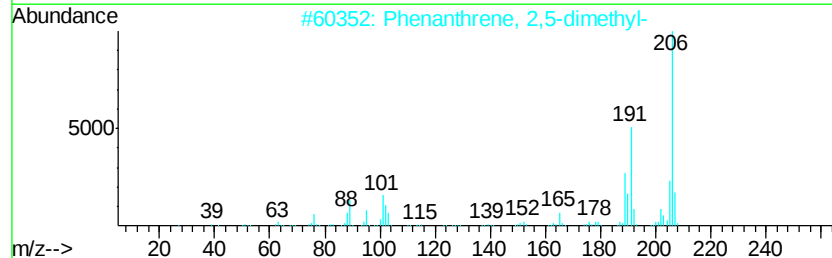
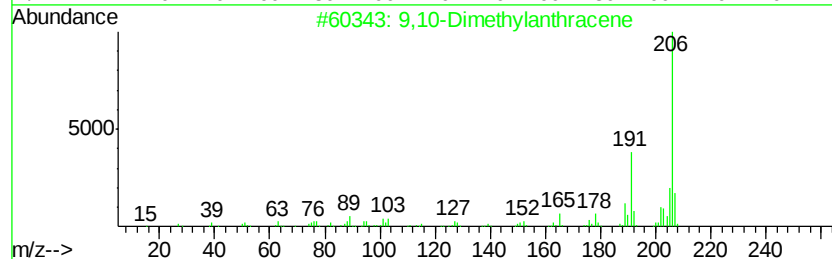
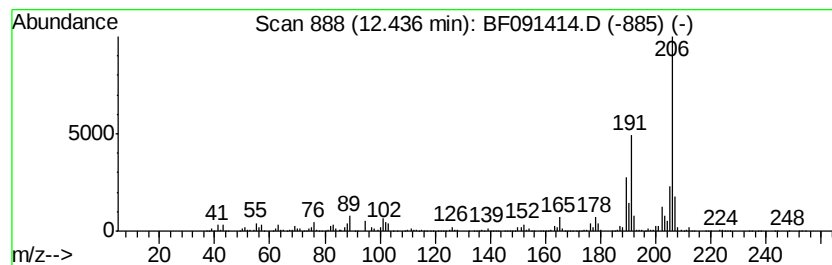
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	25.28 ng	2036070	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Instrument :
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ClientSampleId :
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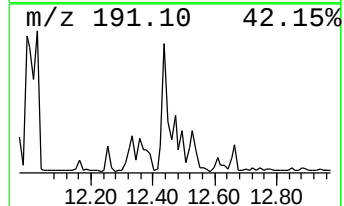
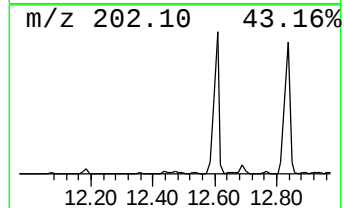
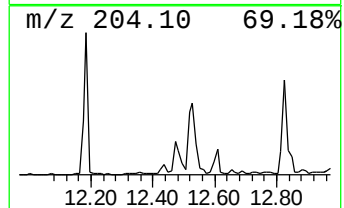
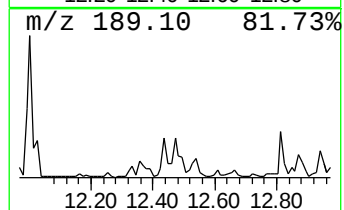
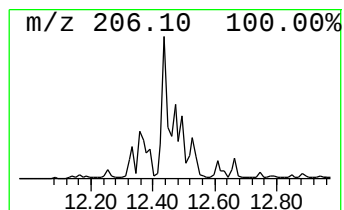
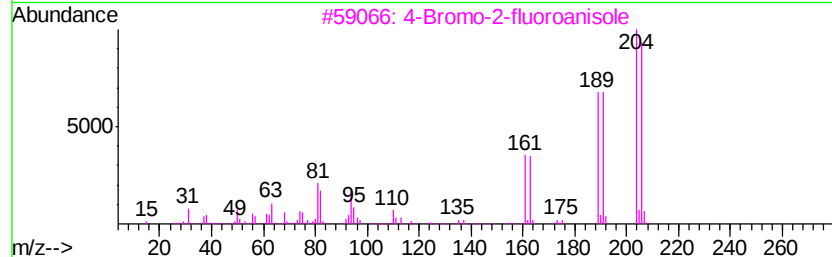
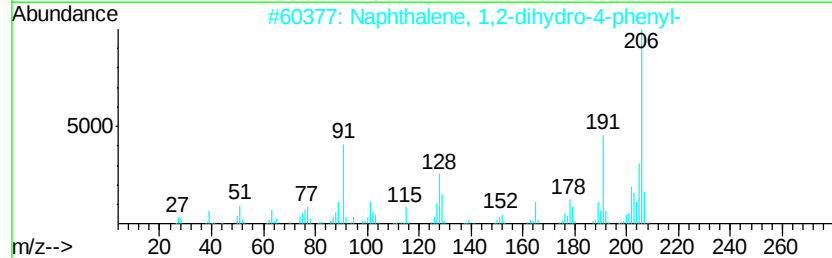
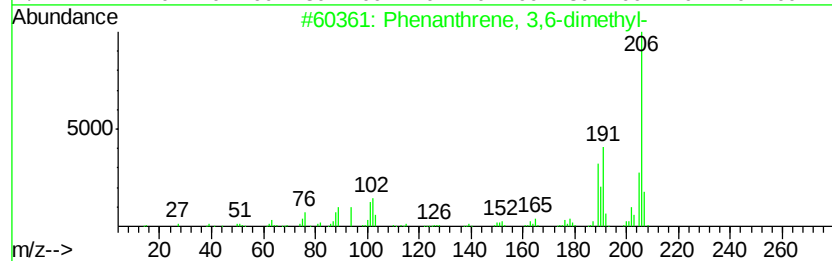
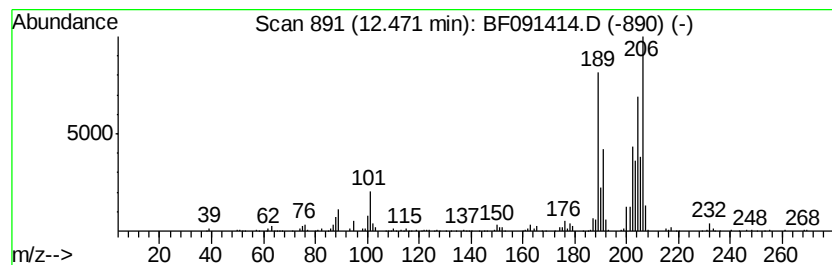
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.47 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	15.31 ng	1232890	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
3		4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	35
4		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	35
5		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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Acq On : 3 Dec 2016 2:47
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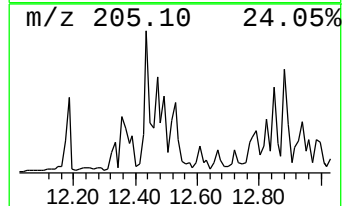
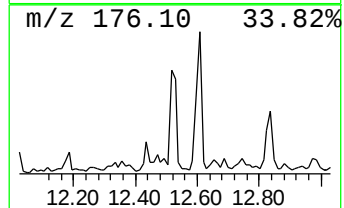
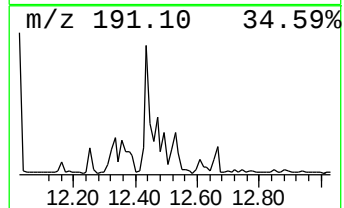
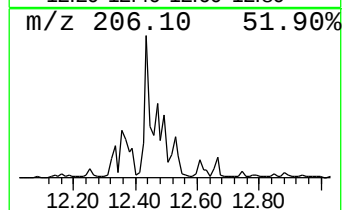
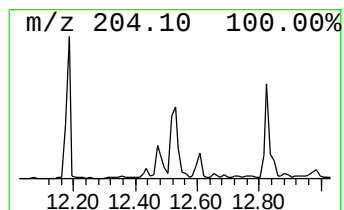
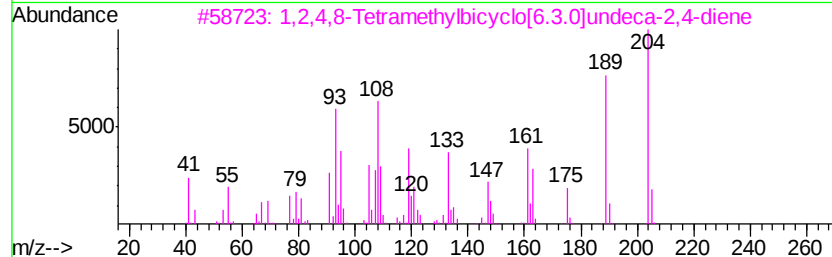
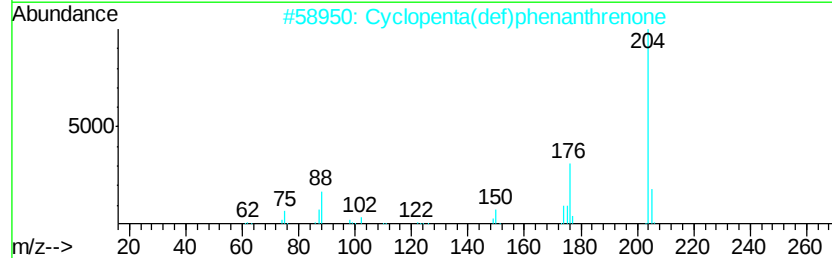
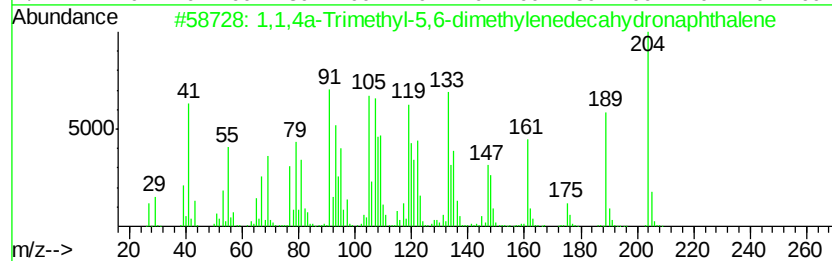
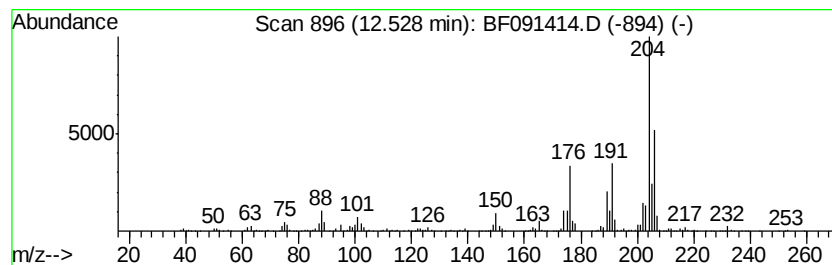
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	13.52 ng	1088560	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	92
2		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	84
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	55
4		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
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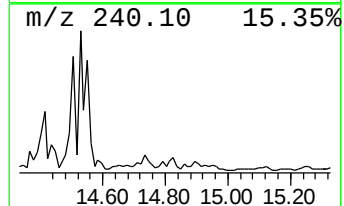
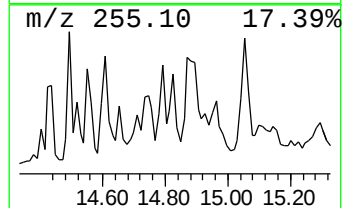
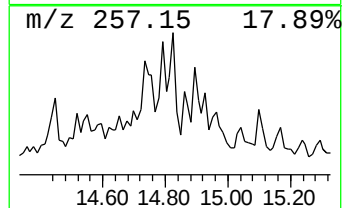
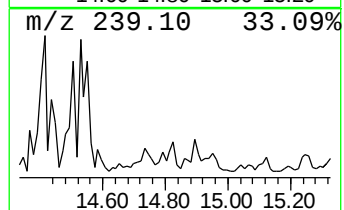
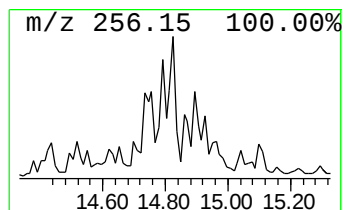
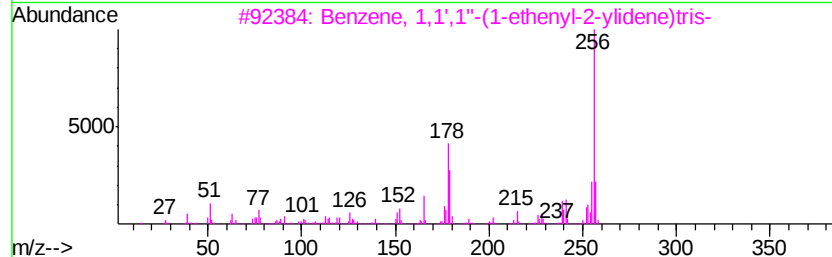
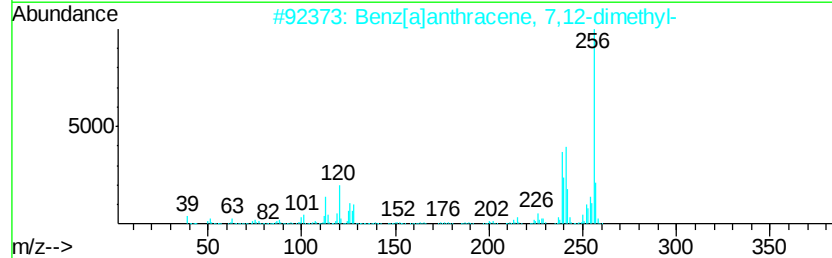
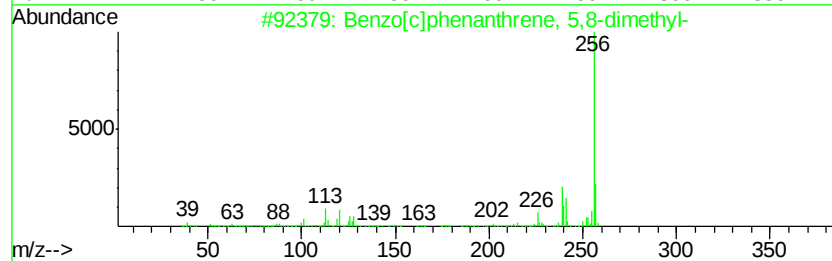
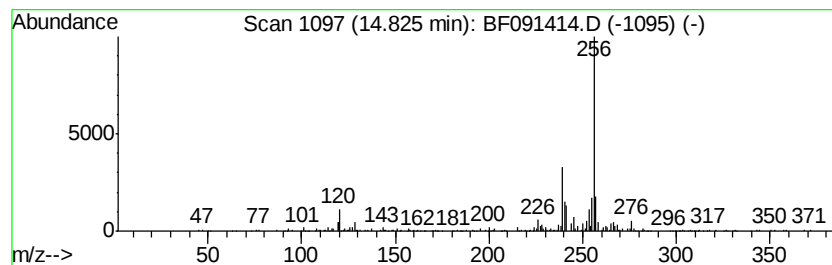
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	8.58 ng	347569	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	89
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	87
3		Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	72
4		6,6'-Biquinoline	256	C18H12N2	000612-79-3	58
5		Benzonitrile, 4-[2-(4-quinolinyl...	256	C18H12N2	040317-06-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

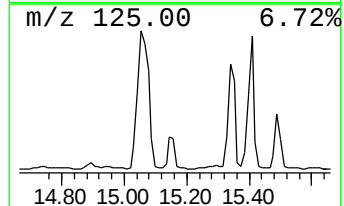
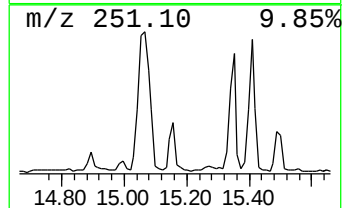
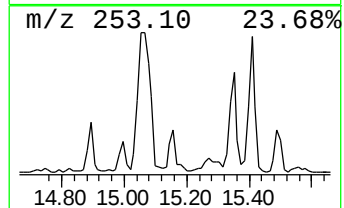
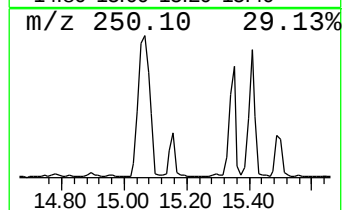
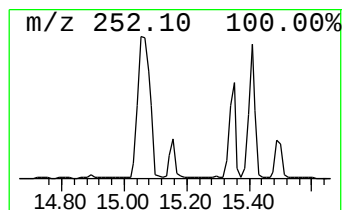
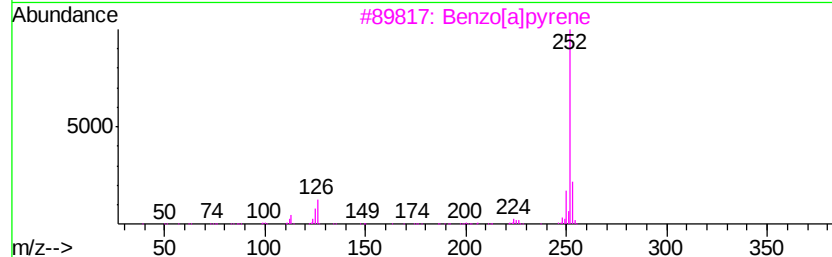
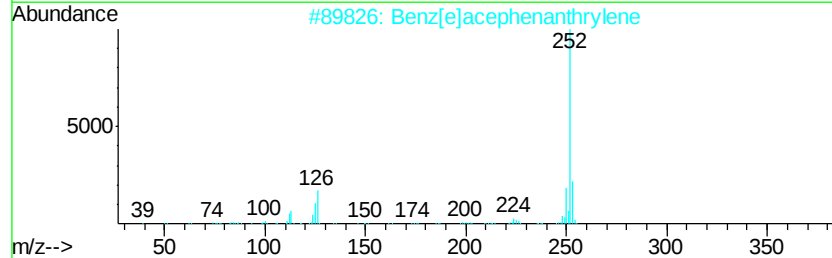
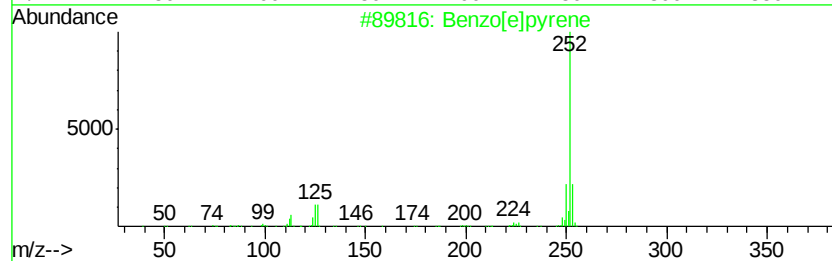
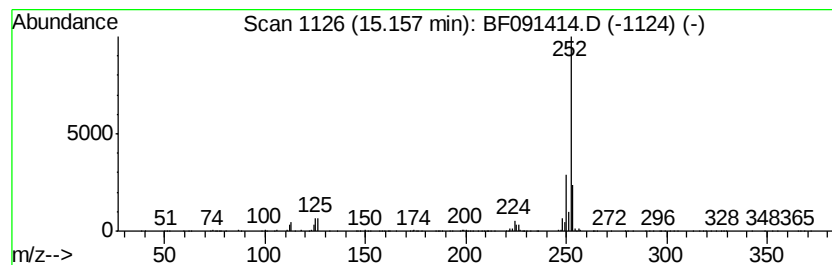
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	16.96 ng	686861	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 91
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 91
3		Benzo[a]pyrene	252 C20H12	000050-32-8 90
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 81
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

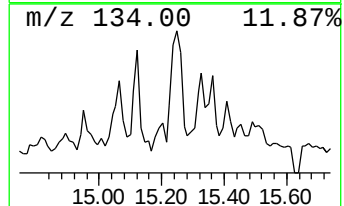
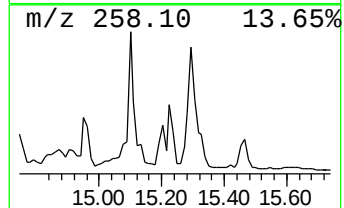
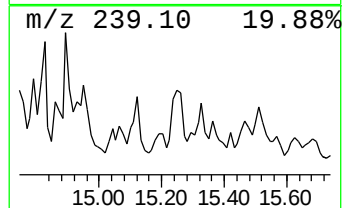
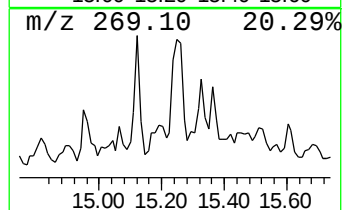
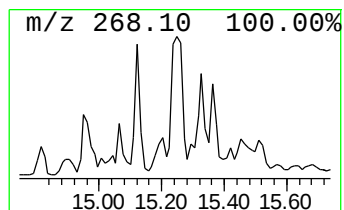
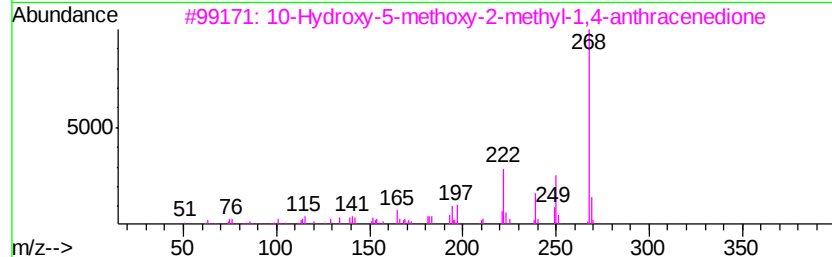
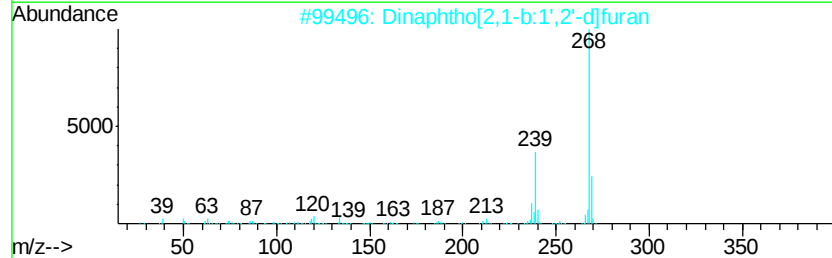
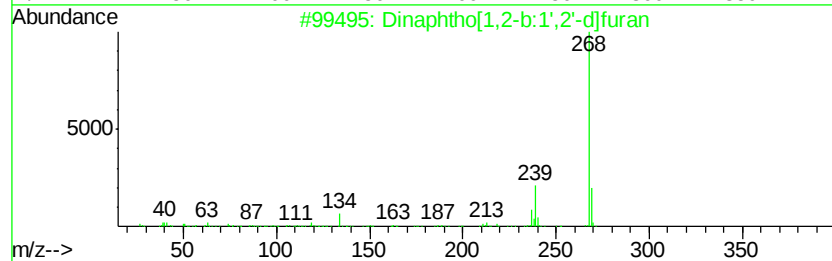
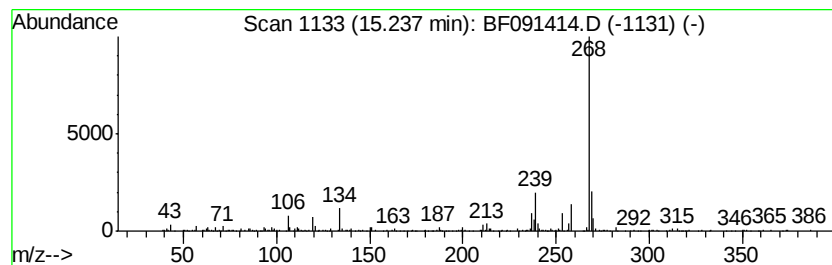
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.91 ng	401418	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
3		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	59
4		9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	53
5		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

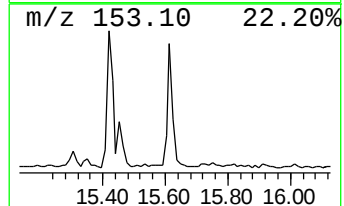
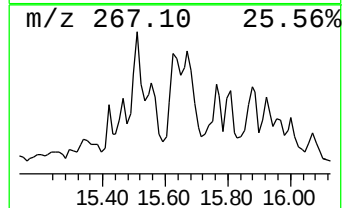
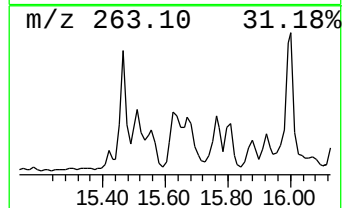
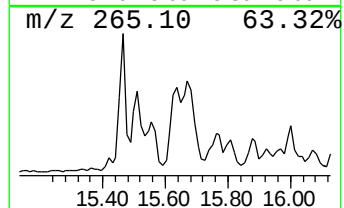
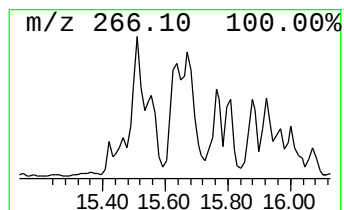
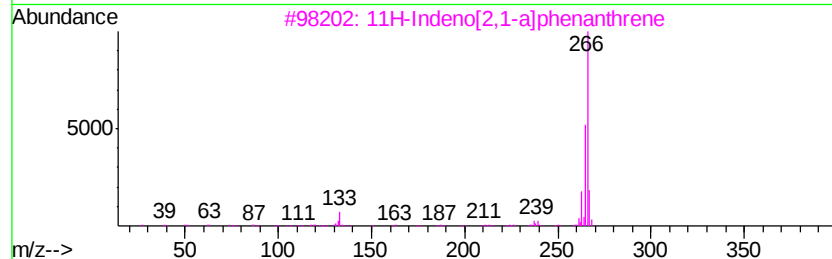
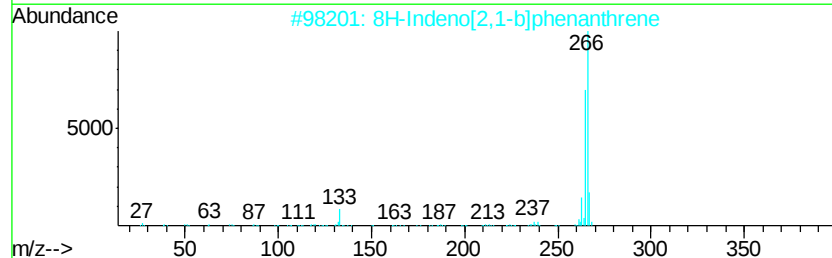
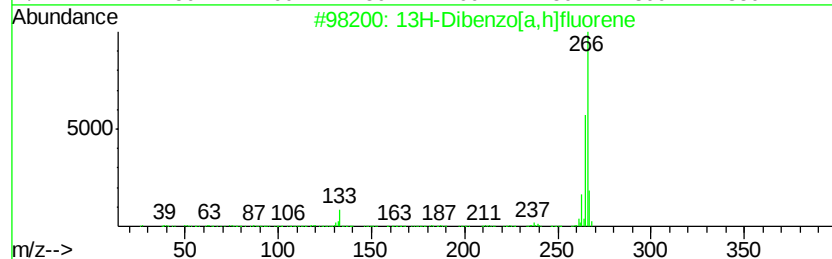
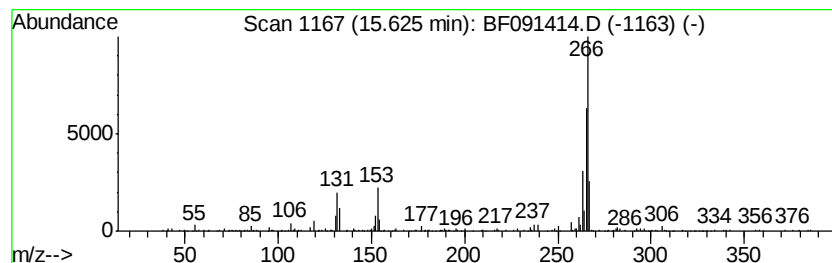
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13H-Dibenzo[a,h]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	10.42 ng	421864	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	70
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	58
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	52
4		Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	50
5		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

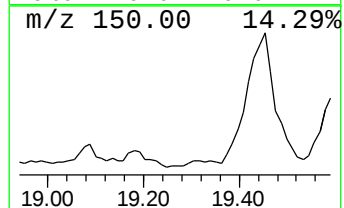
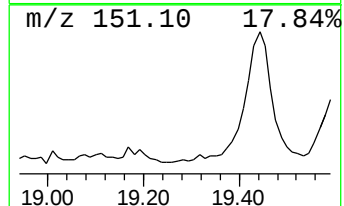
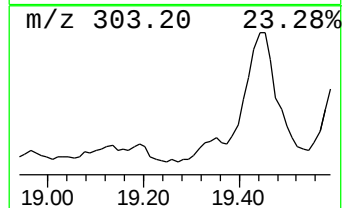
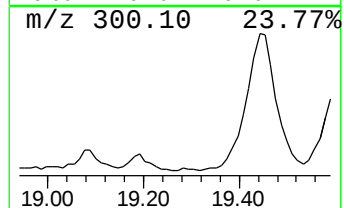
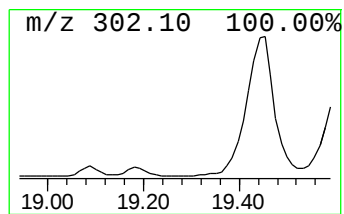
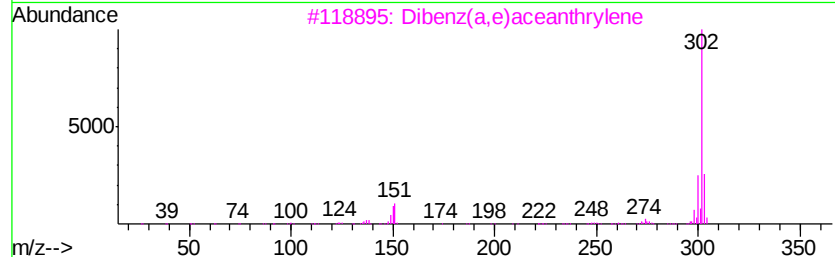
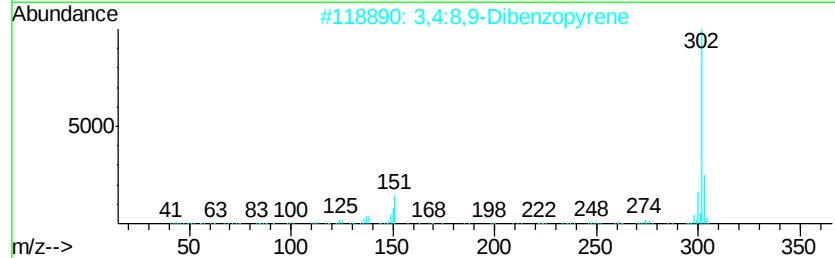
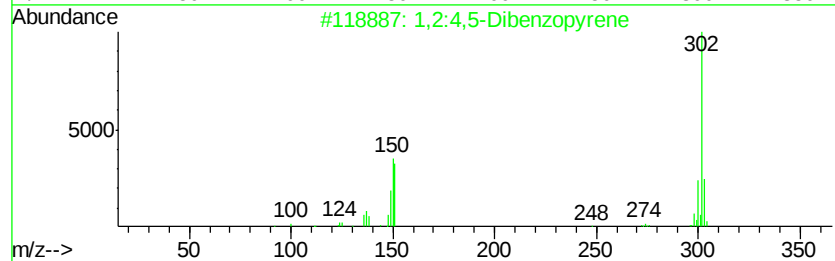
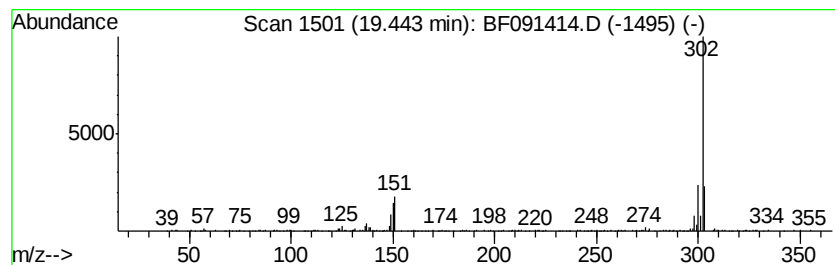
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	20.20 ng	818264	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	89
4		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	83
5		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091414.D
 Acq On : 3 Dec 2016 2:47
 Operator : UM/SJ
 Sample : H5772-04 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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
unknown6.62	6.62	15.9	ng	889586	1	6.86	1118930	20.0
(4-Acetylphenyl)p...	10.80	22.5	ng	1810710	4	11.38	1610630	20.0
Phenanthrene, 2-m...	11.89	18.9	ng	1526110	4	11.38	1610630	20.0
4H-Cyclopenta[def...	12.00	40.9	ng	3290450	4	11.38	1610630	20.0
2-Phenylnaphthalene	12.18	20.9	ng	1683580	4	11.38	1610630	20.0
Phenanthrene, 1,7...	12.36	12.4	ng	998575	4	11.38	1610630	20.0
9,10-Dimethylanthe...	12.44	25.3	ng	2036070	4	11.38	1610630	20.0
unknown12.47	12.47	15.3	ng	1232890	4	11.38	1610630	20.0
1,1,4a-Trimethyl-...	12.53	13.5	ng	1088560	4	11.38	1610630	20.0
Benzo[c]phenanthr...	14.83	8.6	ng	347569	6	15.47	809992	20.0
Benzo[e]pyrene	15.16	17.0	ng	686861	6	15.47	809992	20.0
Dinaphtho[1,2-b:1...	15.24	9.9	ng	401418	6	15.47	809992	20.0
13H-Dibenzo[a,h]f...	15.63	10.4	ng	421864	6	15.47	809992	20.0
1,2:4,5-Dibenzopy...	19.44	20.2	ng	818264	6	15.47	809992	20.0