

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078424.D
 Acq On : 11 Apr 2015 5:33
 Operator : TP/IZ
 Sample : G1823-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

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-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.013	8	11	13	rVB	152462	170706	2.15%	0.172%
2	1.618	62	64	90	rVB	616596	1072315	13.49%	1.082%
3	5.116	367	370	378	rBV	492304	739660	9.30%	0.747%
4	6.465	485	488	495	rBV	528645	821755	10.33%	0.829%
5	6.567	495	497	500	rVV	674276	832938	10.48%	0.841%
6	6.853	520	522	525	rBV	194480	214153	2.69%	0.216%
7	7.048	536	539	541	rBV	476518	642139	8.08%	0.648%
8	7.562	581	584	586	rBV	537510	533947	6.71%	0.539%
9	8.431	658	660	665	rBV2	255081	432568	5.44%	0.437%
10	9.322	735	738	740	rBV	87522	97686	1.23%	0.099%
11	9.779	776	778	781	rVB	1164955	1116681	14.04%	1.127%
12	10.419	831	834	837	rBV	90301	97822	1.23%	0.099%
13	10.591	846	849	851	rBV	432695	444508	5.59%	0.449%
14	10.636	851	853	855	rVB	584785	710588	8.94%	0.717%
15	10.842	869	871	875	rBV	274259	322270	4.05%	0.325%
16	11.265	906	908	911	rVB	491877	481920	6.06%	0.486%
17	11.345	911	915	916	rBV	78517	128538	1.62%	0.130%
18	11.471	924	926	927	rBV	120659	120591	1.52%	0.122%
19	11.562	932	934	938	rVB2	613515	811233	10.20%	0.819%
20	11.791	952	954	959	rBV4	47416	134470	1.69%	0.136%
21	11.951	965	968	969	rVV	85583	139283	1.75%	0.141%
22	12.122	981	983	984	rBV2	57525	106610	1.34%	0.108%
23	12.179	986	988	992	rVB	182530	293450	3.69%	0.296%
24	12.248	992	994	996	rBV	143524	189473	2.38%	0.191%
25	12.282	996	997	1000	rVB	202812	243925	3.07%	0.246%
26	12.420	1007	1009	1010	rBV	372208	466273	5.86%	0.471%
27	12.454	1010	1012	1014	rVV	3259054	4159432	52.31%	4.198%
28	12.511	1014	1017	1019	rVV	1237405	1387914	17.45%	1.401%
29	12.557	1019	1021	1024	rVV	99196	154791	1.95%	0.156%
30	12.728	1034	1036	1037	rBV	547918	563043	7.08%	0.568%
31	12.808	1041	1043	1044	rVV	125554	140835	1.77%	0.142%
32	12.934	1051	1054	1056	rVB2	48541	100863	1.27%	0.102%
33	13.048	1061	1064	1065	rBV	450832	489442	6.16%	0.494%
34	13.082	1065	1067	1070	rVB	606473	672792	8.46%	0.679%

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Max Peaks: 100

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.140	1070	1072	1073	rBV	272928	287072	3.61%	0.290%
36	13.174	1073	1075	1077	rBV	1082124	1220247	15.35%	1.232%
37	13.208	1077	1078	1082	rVB	352128	287473	3.62%	0.290%
38	13.288	1082	1085	1086	rBV2	62065	120220	1.51%	0.121%
39	13.380	1092	1093	1095	rBV2	91288	100288	1.26%	0.101%
40	13.425	1095	1097	1098	rBV	382208	502555	6.32%	0.507%
41	13.642	1114	1116	1117	rBV	93764	100503	1.26%	0.101%
42	13.734	1121	1124	1125	rBV	228981	344764	4.34%	0.348%
43	13.768	1125	1127	1129	rVV	144597	193760	2.44%	0.196%
44	13.825	1131	1132	1135	rVV	245272	354383	4.46%	0.358%
45	13.940	1137	1142	1144	rBV	4432915	7951581	100.00%	8.026%
46	13.997	1145	1147	1149	rBV2	145809	198553	2.50%	0.200%
47	14.100	1154	1156	1158	rBV	290425	427948	5.38%	0.432%
48	14.203	1161	1165	1168	rBV	4361380	7850997	98.74%	7.925%
49	14.260	1168	1170	1172	rVB	207103	265389	3.34%	0.268%
50	14.351	1176	1178	1180	rBV	341788	492652	6.20%	0.497%
51	14.420	1180	1184	1185	rVV2	924770	1773767	22.31%	1.790%
52	14.477	1185	1189	1191	rVV2	368216	752890	9.47%	0.760%
53	14.523	1191	1193	1194	rVB	126999	177154	2.23%	0.179%
54	14.614	1199	1201	1203	rVB	994639	1092080	13.73%	1.102%
55	14.694	1206	1208	1210	rBV	762343	831060	10.45%	0.839%
56	14.740	1210	1212	1213	rBV	643811	803161	10.10%	0.811%
57	14.763	1213	1214	1217	rVB	358383	483145	6.08%	0.488%
58	14.808	1217	1218	1220	rBV2	115465	142449	1.79%	0.144%
59	14.843	1220	1221	1223	rVB	275653	258806	3.25%	0.261%
60	14.888	1223	1225	1226	rBV	206107	264414	3.33%	0.267%
61	15.243	1253	1256	1259	rVB	542771	758772	9.54%	0.766%
62	15.368	1265	1267	1269	rBV	740726	934240	11.75%	0.943%
63	15.414	1269	1271	1274	rVV2	684842	1481464	18.63%	1.495%
64	15.506	1277	1279	1281	rVB	559410	693397	8.72%	0.700%
65	15.586	1283	1286	1290	rBV3	187401	450571	5.67%	0.455%
66	15.688	1290	1295	1296	rBV	2922705	5264963	66.21%	5.314%
67	15.734	1296	1299	1301	rVV	3026906	4888034	61.47%	4.934%
68	15.814	1303	1306	1308	rBV	874837	1017393	12.79%	1.027%
69	15.860	1308	1310	1312	rVV2	124487	133774	1.68%	0.135%
70	15.940	1315	1317	1319	rVB	576575	650838	8.19%	0.657%
71	15.986	1319	1321	1322	rBV	408975	519428	6.53%	0.524%

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72	16.088	1328	1330	1331	rBV	109391	148666	1.87%	0.150%
73	16.123	1331	1333	1335	rVV	318638	479970	6.04%	0.484%
74	16.168	1335	1337	1339	rVV	536436	957716	12.04%	0.967%
75	16.214	1339	1341	1343	rVV2	381274	560862	7.05%	0.566%
76	16.283	1345	1347	1349	rVV2	379209	674272	8.48%	0.681%
77	16.340	1349	1352	1354	rVV2	426557	1032661	12.99%	1.042%
78	16.386	1354	1356	1358	rVV3	277428	499054	6.28%	0.504%
79	16.431	1358	1360	1362	rVB	231369	313271	3.94%	0.316%
80	16.557	1368	1371	1373	rBV2	285997	485540	6.11%	0.490%
81	16.763	1385	1389	1394	rBV2	230434	565132	7.11%	0.570%
82	16.946	1401	1405	1410	rBV	2652030	7607748	95.68%	7.679%
83	17.049	1410	1414	1415	rVB2	623914	992436	12.48%	1.002%
84	17.243	1427	1431	1433	rBV	1678683	2574383	32.38%	2.599%
85	17.300	1433	1436	1439	rVB	2221273	3790423	47.67%	3.826%
86	17.346	1439	1440	1441	rBV	308251	403879	5.08%	0.408%
87	17.380	1441	1443	1448	rVB	1075069	1395078	17.54%	1.408%
88	17.631	1461	1465	1466	rBV2	166029	330804	4.16%	0.334%
89	17.826	1479	1482	1484	rVB2	205608	328518	4.13%	0.332%
90	17.940	1490	1492	1499	rVB4	233872	524735	6.60%	0.530%
91	18.306	1519	1524	1531	rVB6	260120	1023646	12.87%	1.033%
92	18.432	1532	1535	1538	rBV3	388299	865169	10.88%	0.873%
93	18.592	1544	1549	1552	rBV2	1384114	3149542	39.61%	3.179%
94	18.649	1552	1554	1558	rVB	202337	347093	4.37%	0.350%
95	18.729	1558	1561	1563	rBV	404235	807609	10.16%	0.815%
96	18.774	1563	1565	1568	rVB	295802	449982	5.66%	0.454%
97	18.946	1576	1580	1587	rVB	1086193	2690383	33.83%	2.716%
98	19.129	1593	1596	1603	rVB2	447487	1038447	13.06%	1.048%
99	20.752	1733	1738	1744	rVB2	382089	1233807	15.52%	1.245%
100	20.889	1746	1750	1753	rBV	217239	695516	8.75%	0.702%

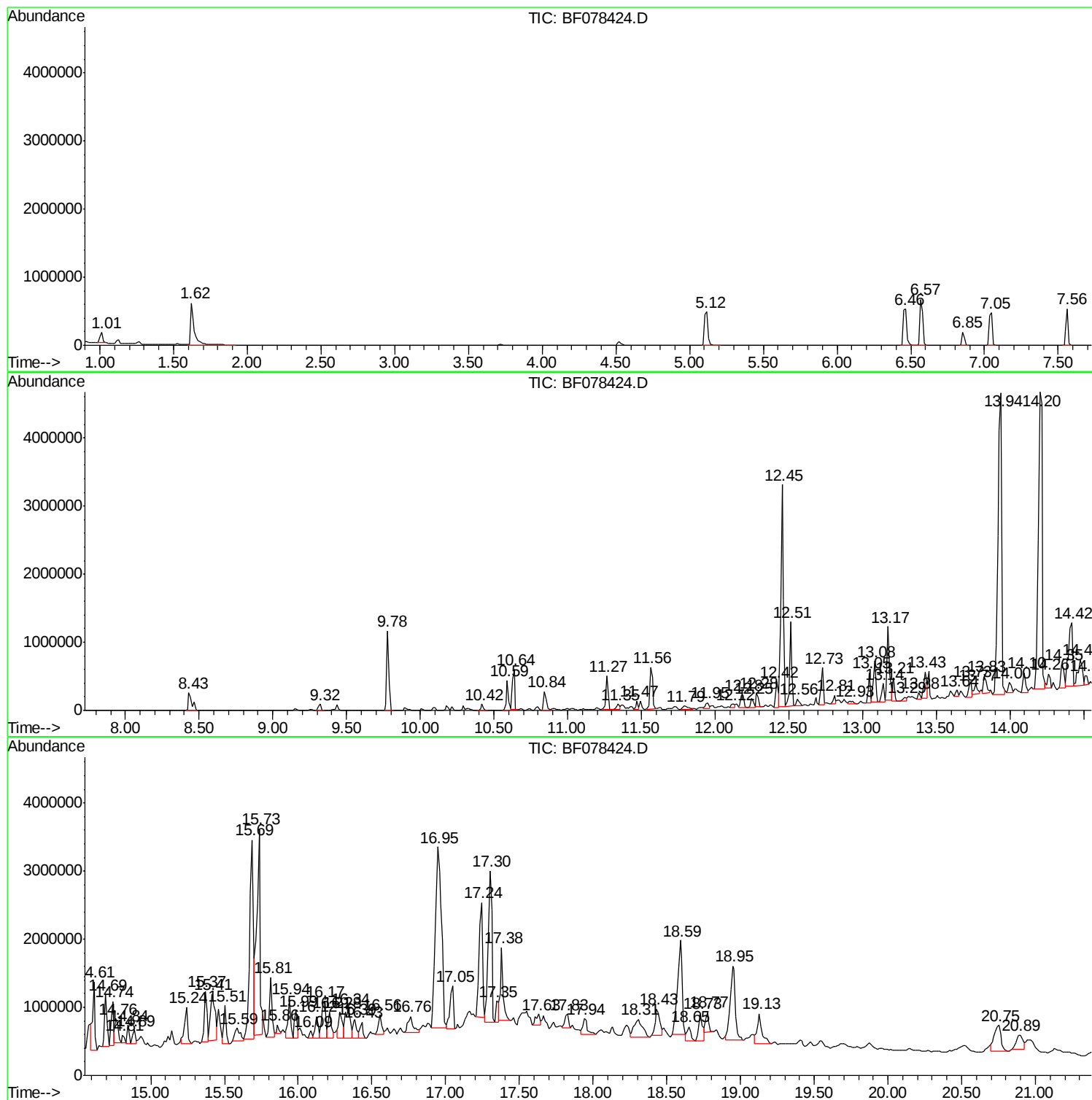
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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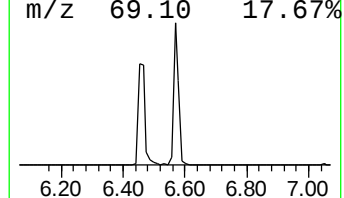
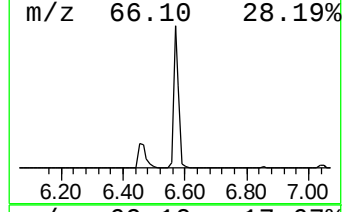
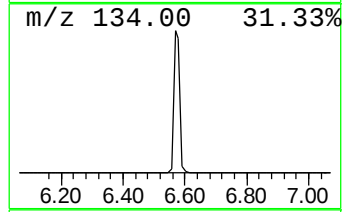
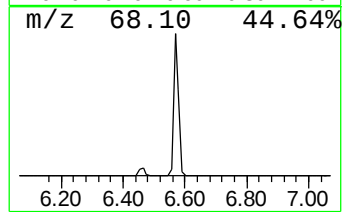
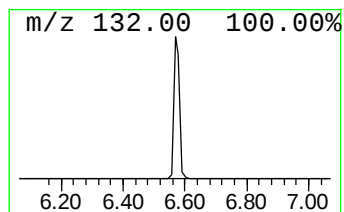
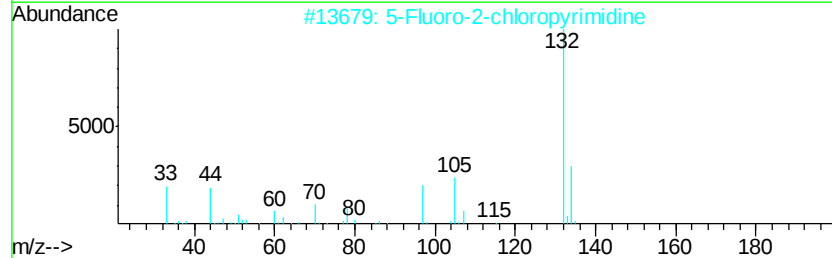
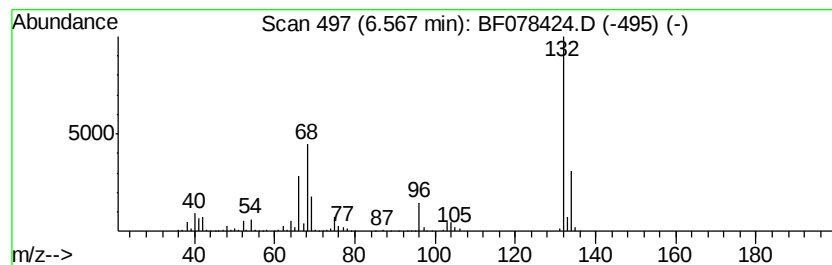
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	77.79 ng	832938	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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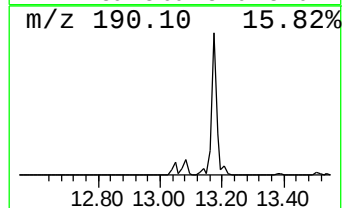
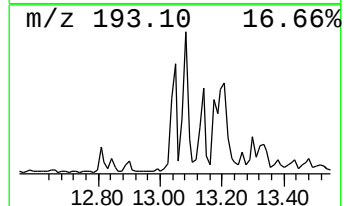
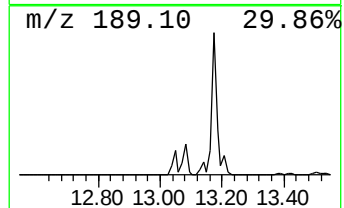
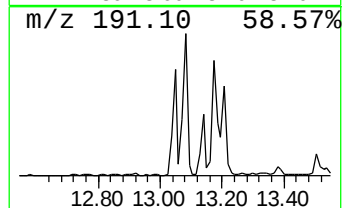
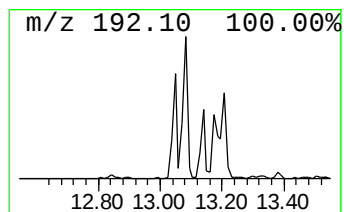
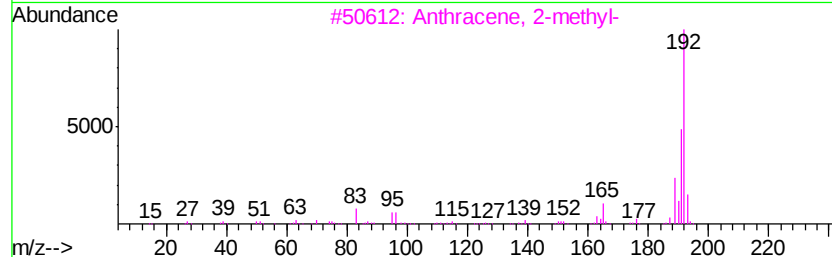
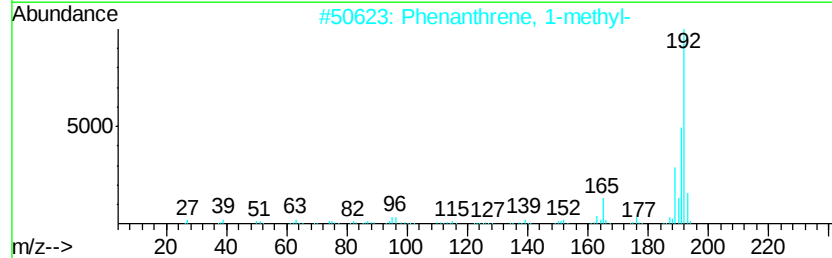
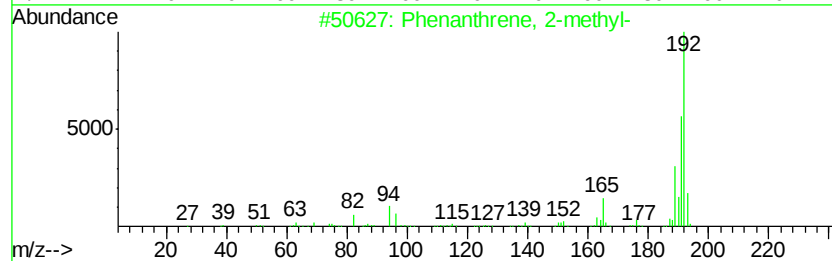
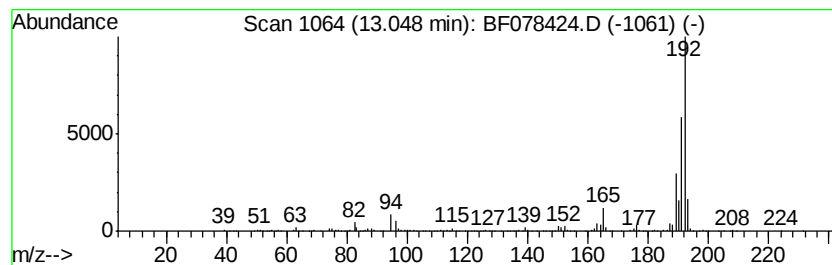
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	20.99 ng	489442	Phenanthrene-d10	12.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94



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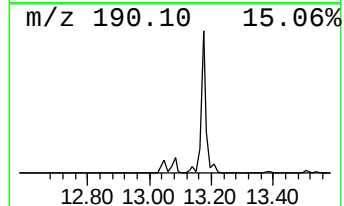
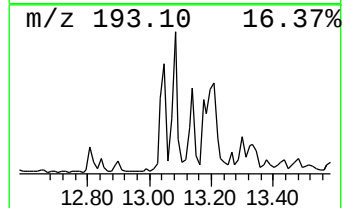
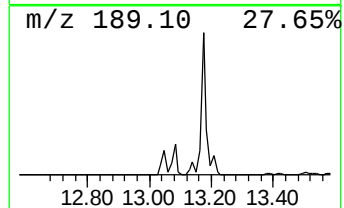
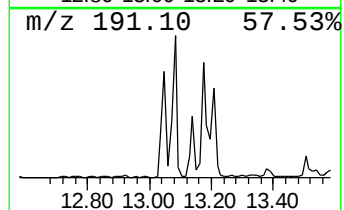
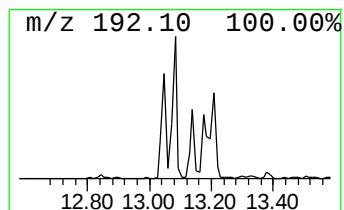
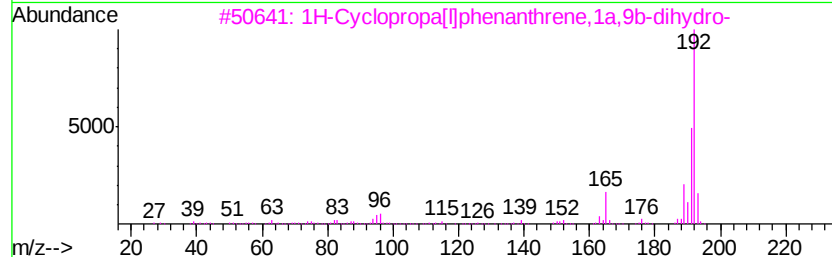
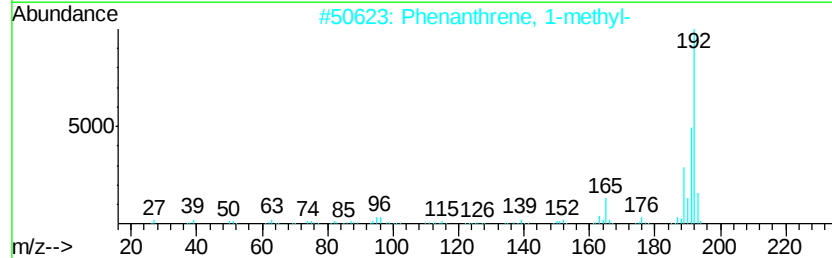
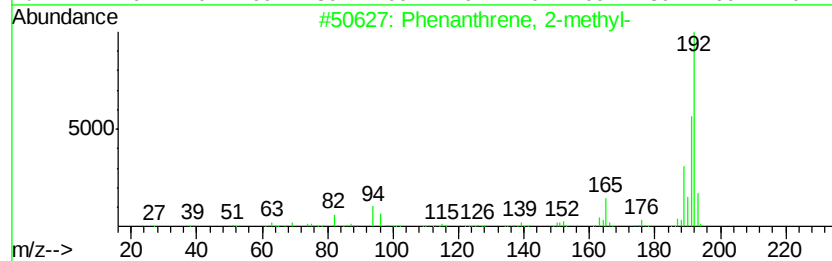
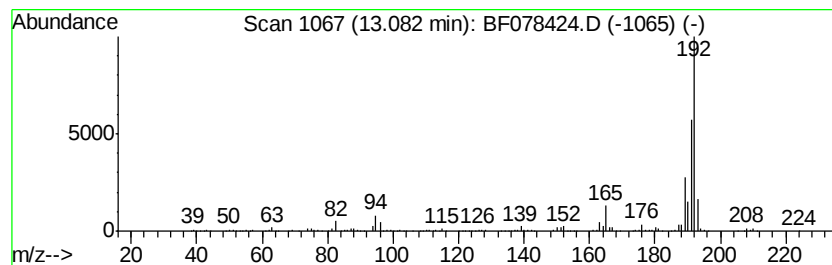
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	28.86 ng	672792	Phenanthrene-d10	12.42

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		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	94



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Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

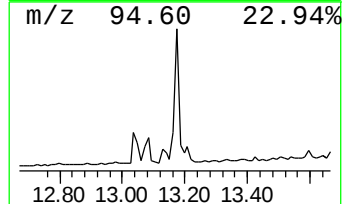
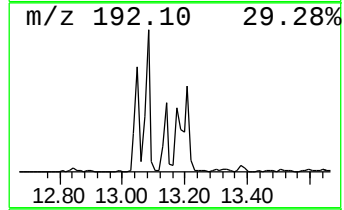
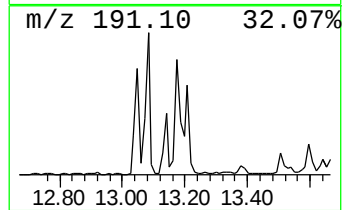
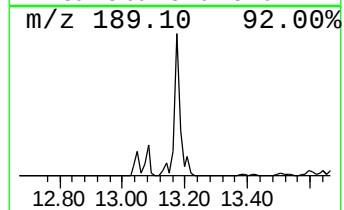
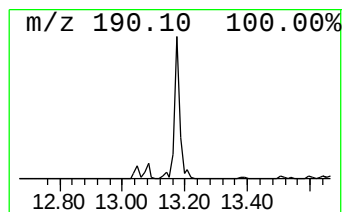
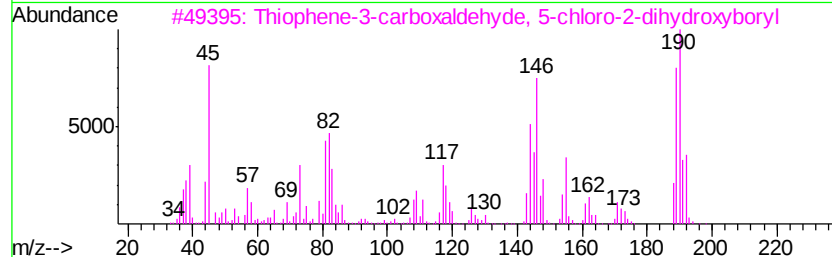
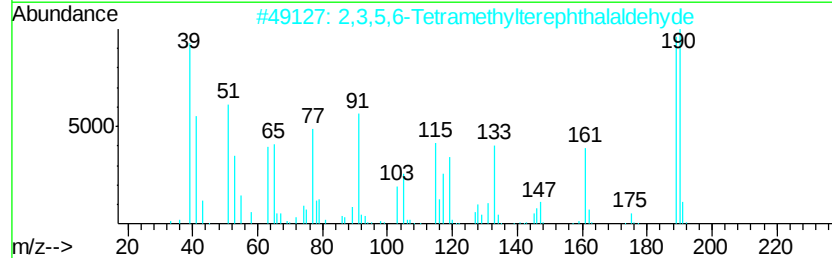
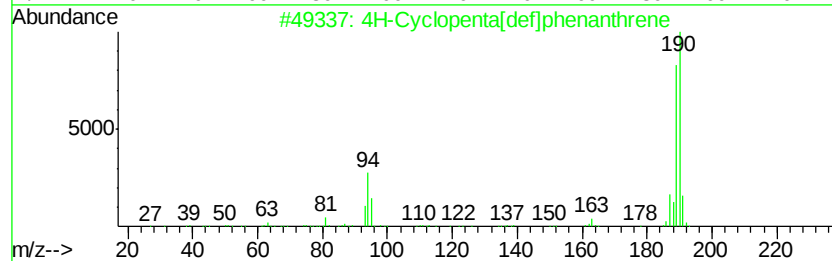
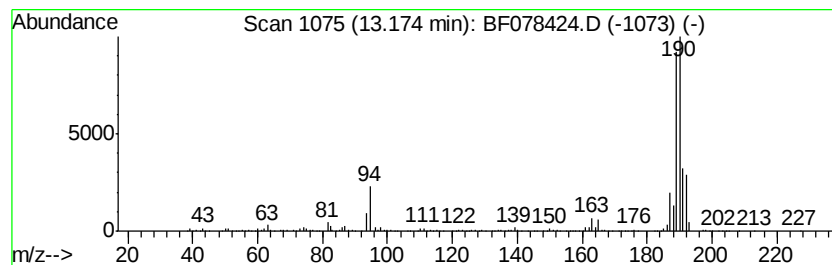
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.17	52.34 ng	1220250	Phenanthrene-d10	12.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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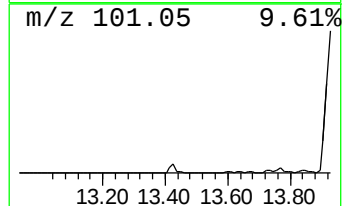
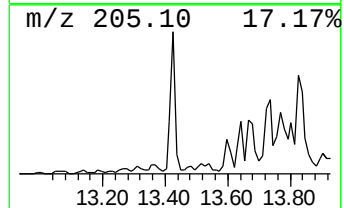
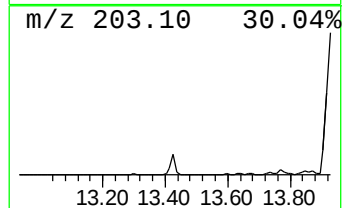
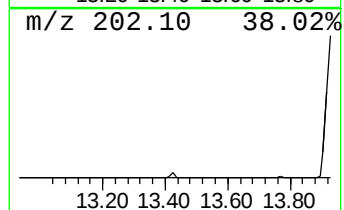
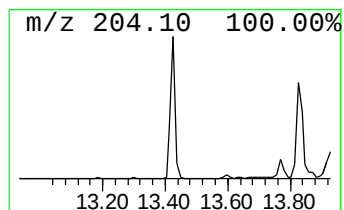
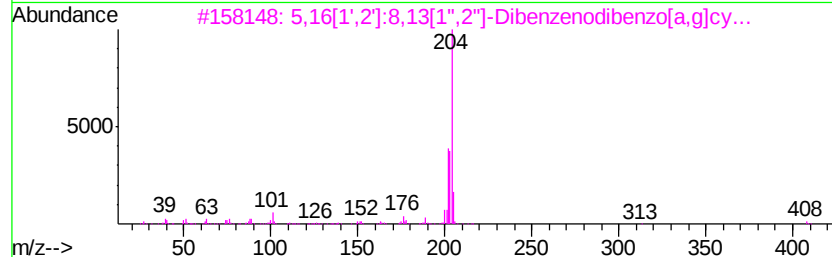
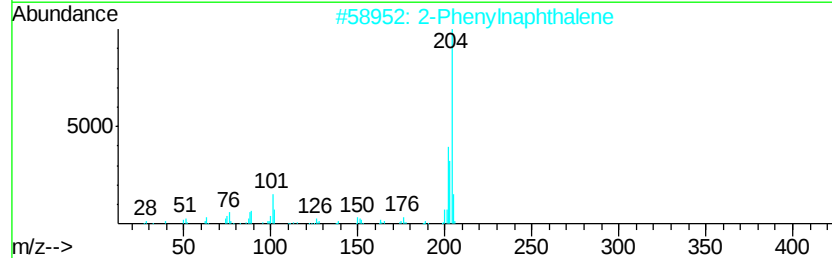
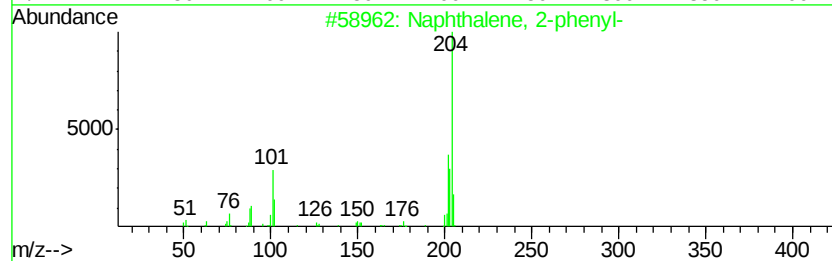
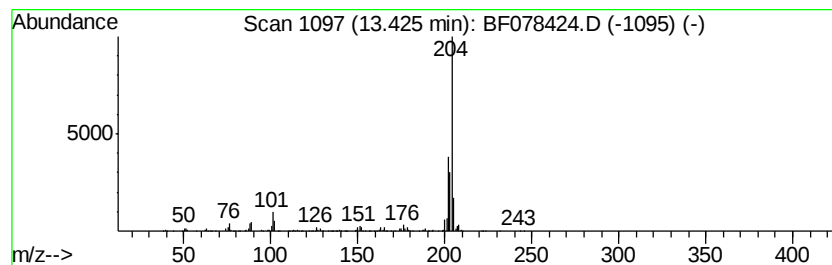
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	21.56 ng	502555	Phenanthrene-d10	12.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
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Misc :
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ClientSampleId :
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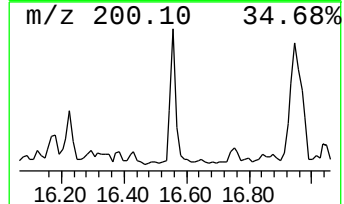
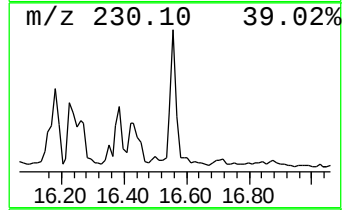
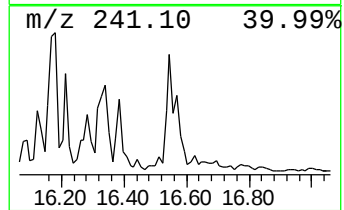
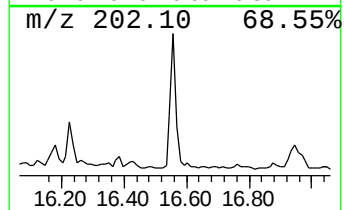
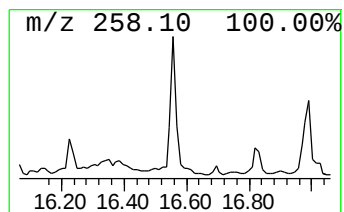
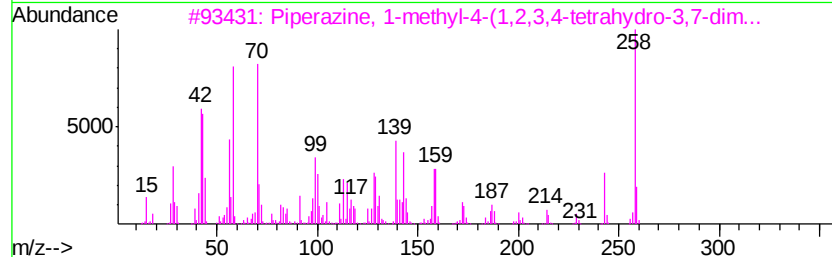
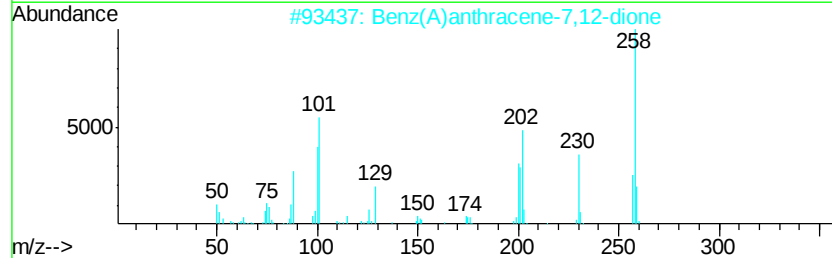
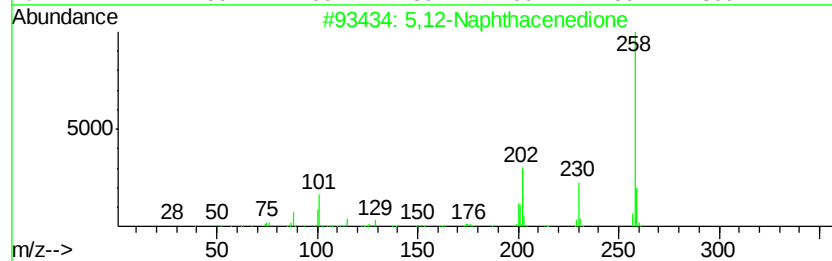
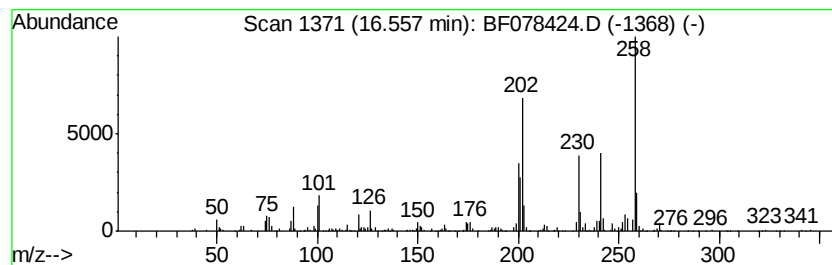
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	24.04 ng	485540	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	90
3		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	74
4		1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	52
5		Hydroxylamine, N-(4,5-dihydro-5-...	258	C16H22N2O	1000274-03-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
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Misc :
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ClientSampleId :
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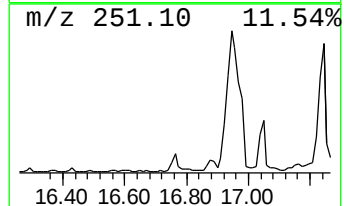
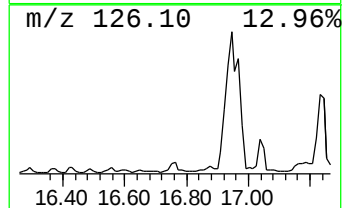
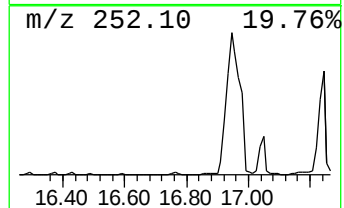
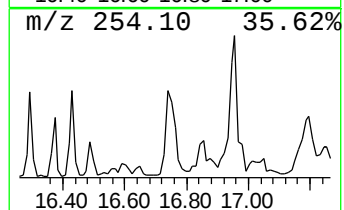
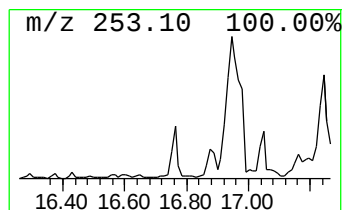
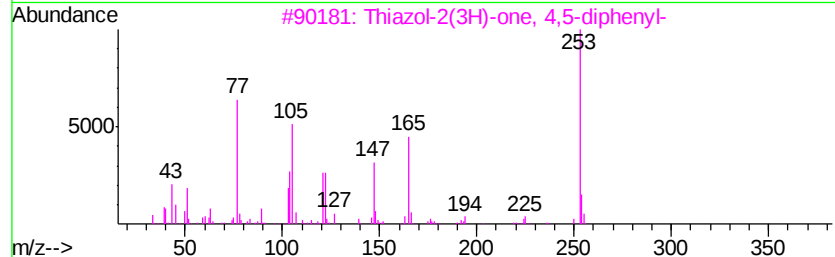
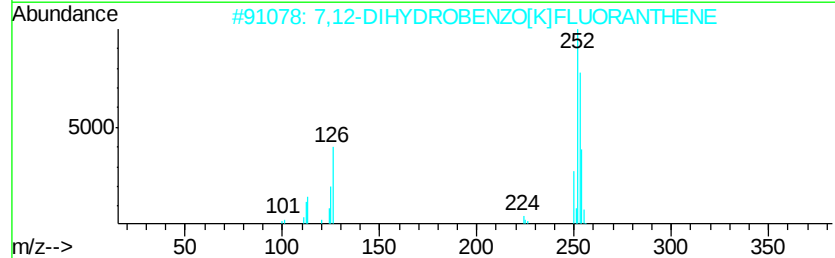
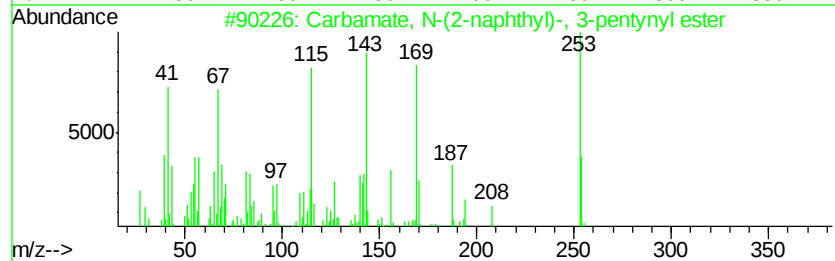
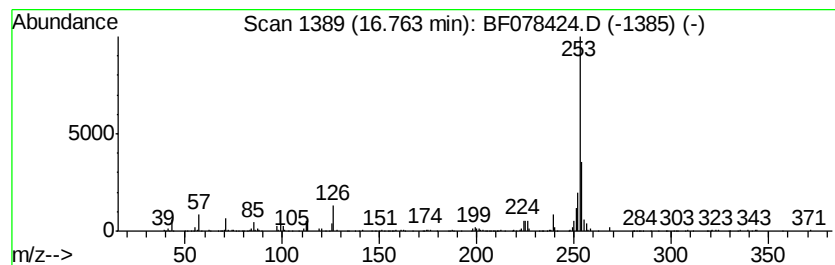
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.76 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	27.99 ng	565132	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15N02	1000197-96-0	47
2		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	38
3		Thiazol-2(3H)-one, 4,5-diphenyl-	253	C15H11NOS	006339-99-7	38
4		4,4'-Biazulenyl	254	C20H14	094053-54-0	25
5		4,6'-Biazulenyl	254	C20H14	094154-49-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
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Instrument :
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ClientSampleId :
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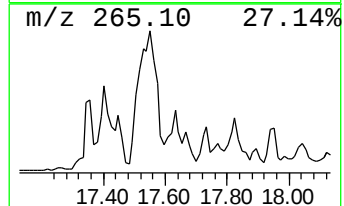
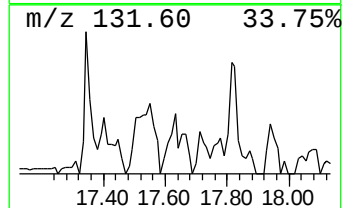
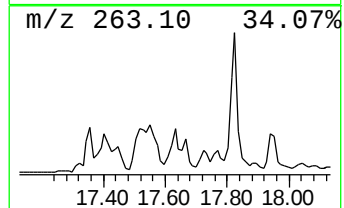
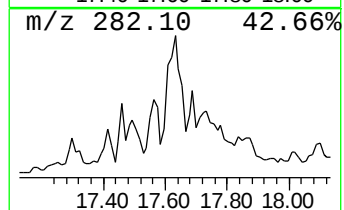
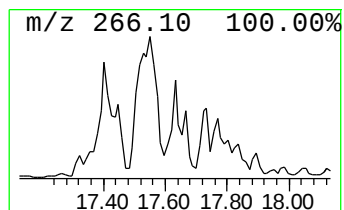
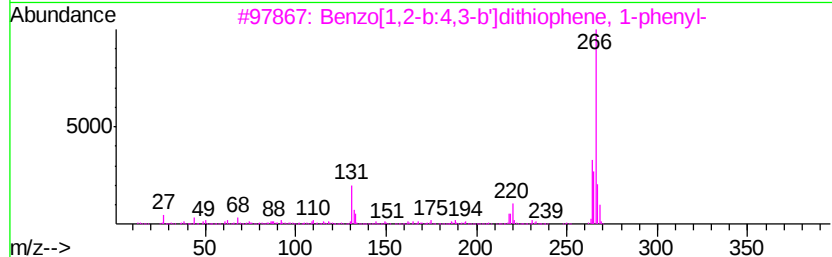
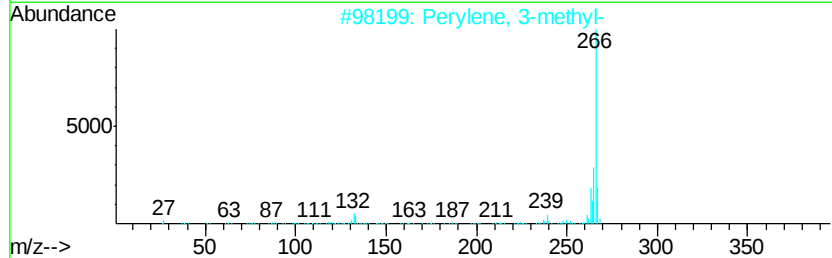
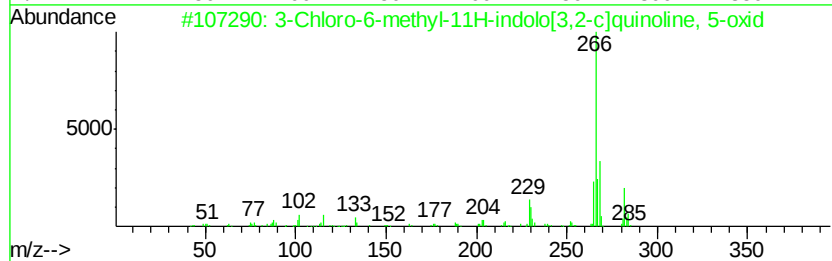
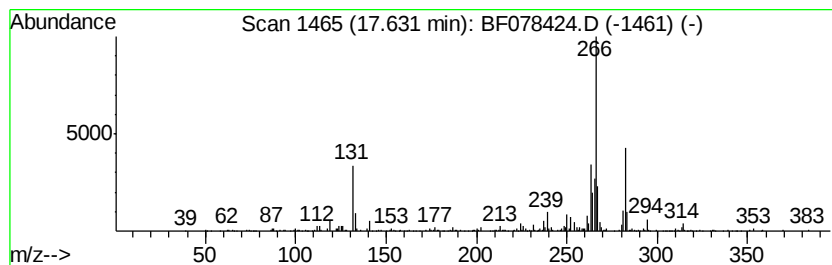
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Chloro-6-methyl-11H-indol... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	16.38 ng	330804	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	62
2		Perylene, 3-methyl-	266	C21H14	024471-47-4	55
3		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	47
4		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	46
5		1,2,3,3a,4,5,7,8,9,10,11,12,12a-...	266	C20H26	095676-40-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
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Misc :
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Instrument :
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ClientSampleId :
SP-3

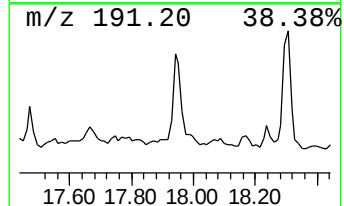
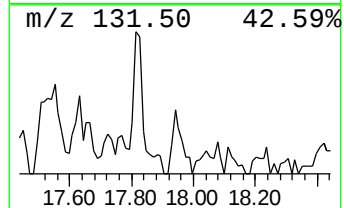
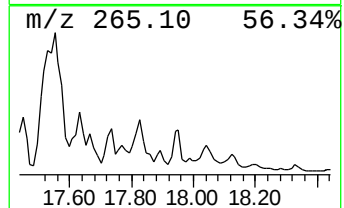
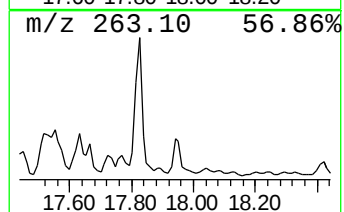
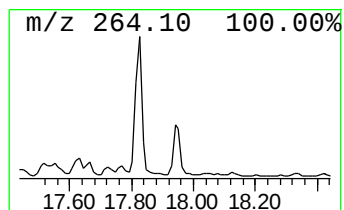
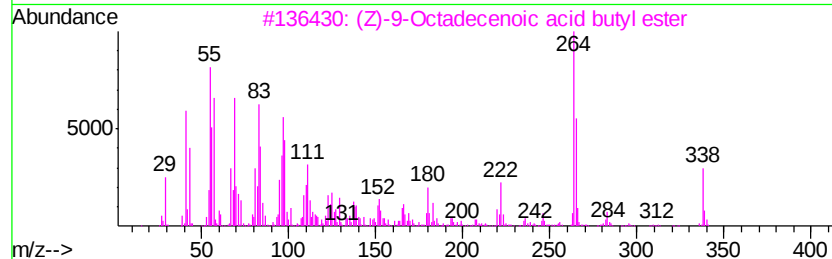
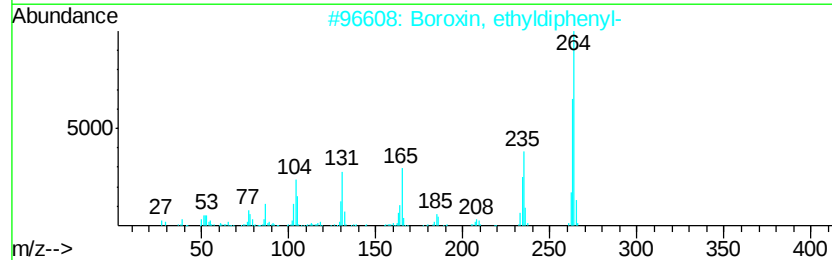
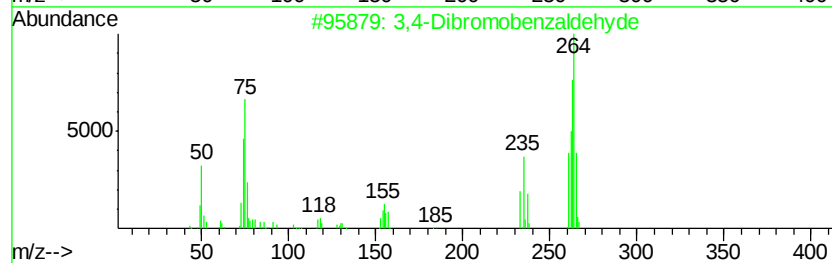
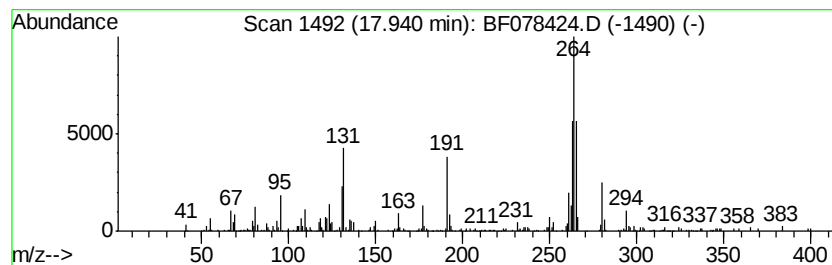
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.94 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	25.98 ng	524735	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	46
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
3		(Z)-9-Octadecenoic acid butyl ester	338	C22H42O2	000142-77-8	27
4		2,6-Dibromo-4-(bromomethyl)phenol	342	C7H5Br3O	005532-75-2	22
5		3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

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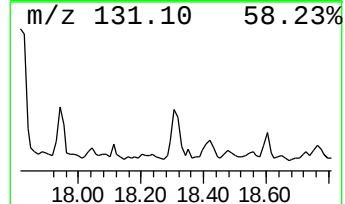
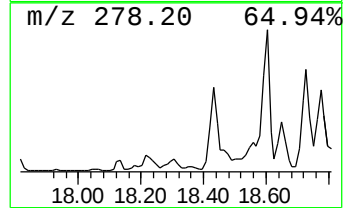
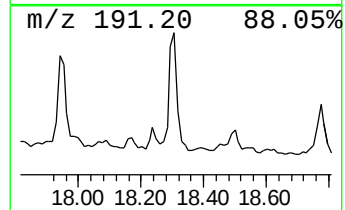
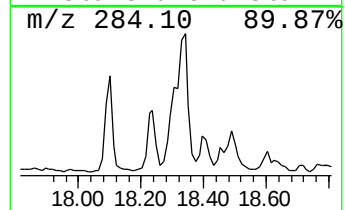
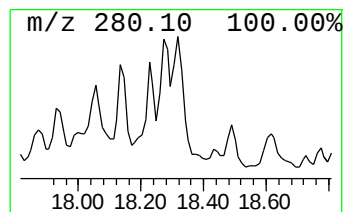
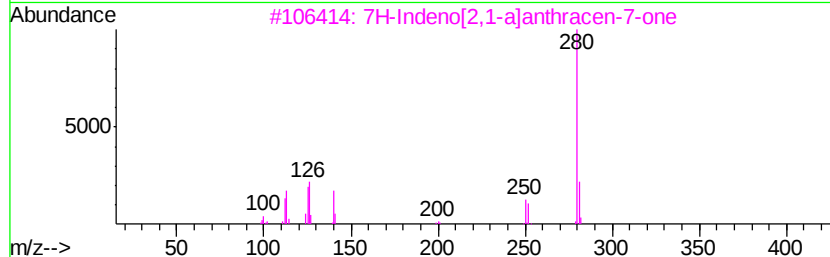
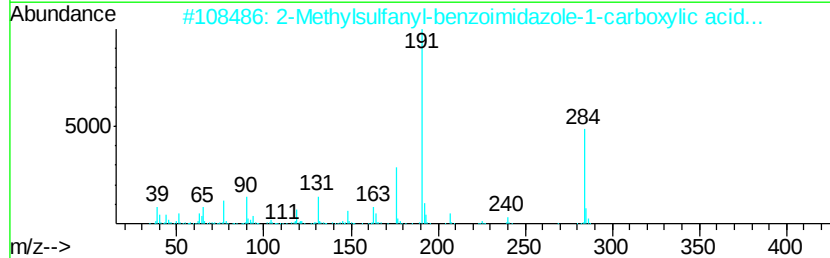
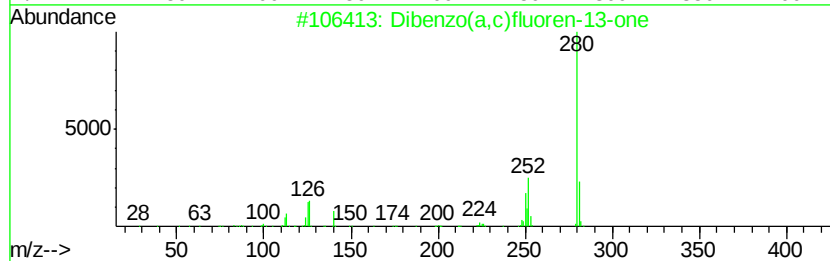
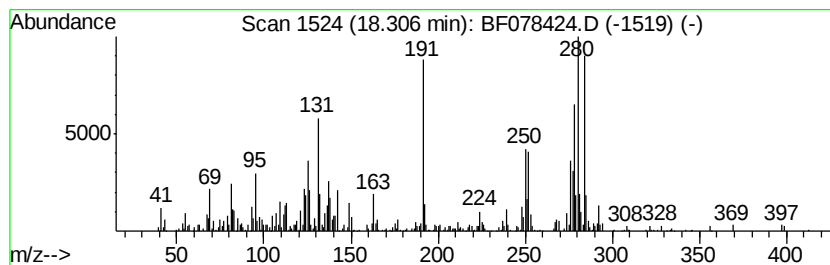
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dibenzo(a,c)fluoren-13-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	50.69 ng	1023650	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	50
2		2-Methylsulfanyl-benzoimidazole-...	284	C15H12N2O2S	1000294-32-8	12
3		7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	11
4		1-(Phenylethynyl)-4-(trans-styryl)-...	280	C22H16	173035-17-1	11
5		3-Hydroxy-D-homoestra-1,3,5(10),...	280	C19H20O2	1000215-90-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

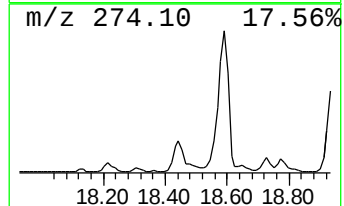
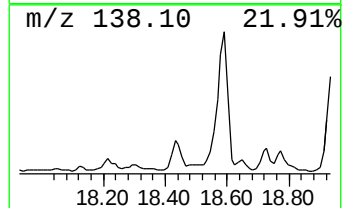
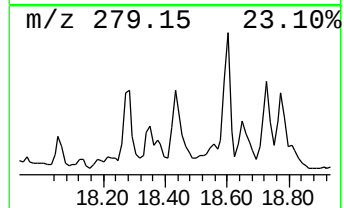
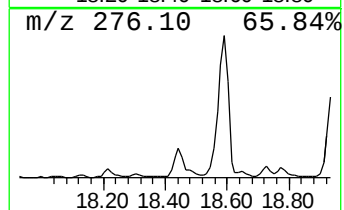
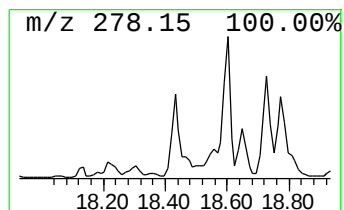
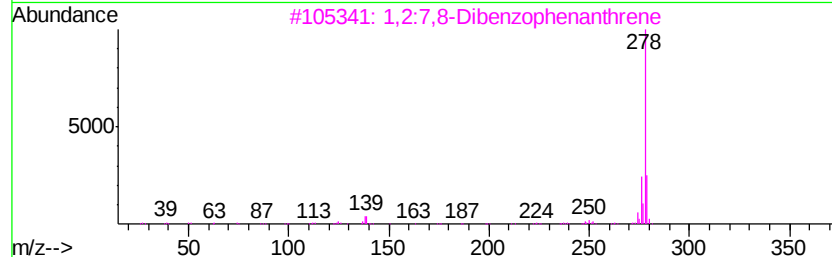
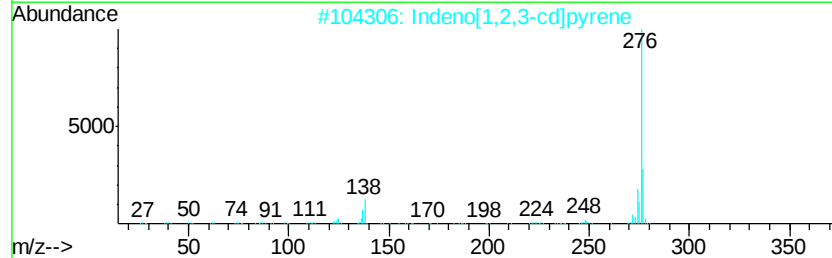
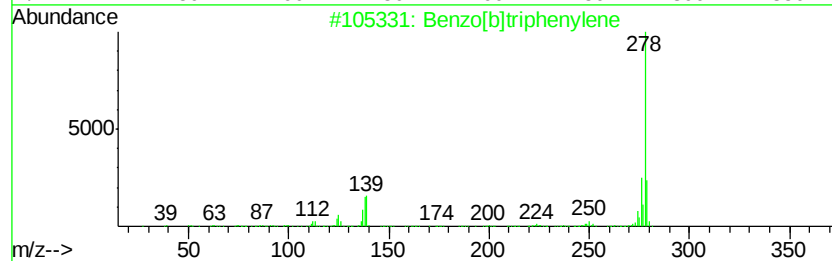
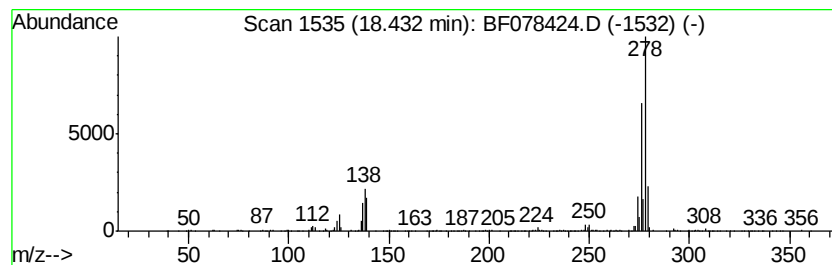
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	42.84 ng	865169	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	60
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	60
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

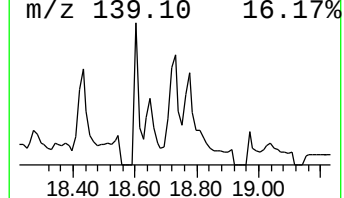
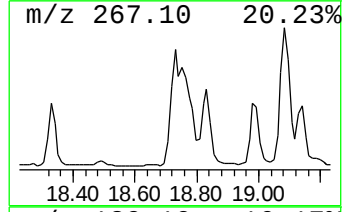
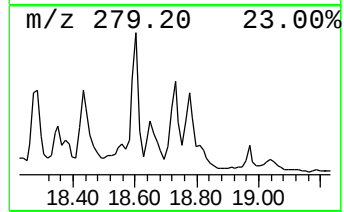
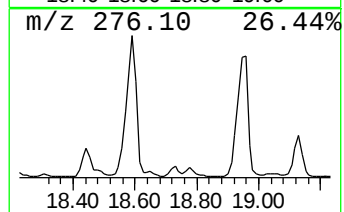
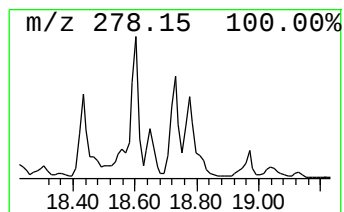
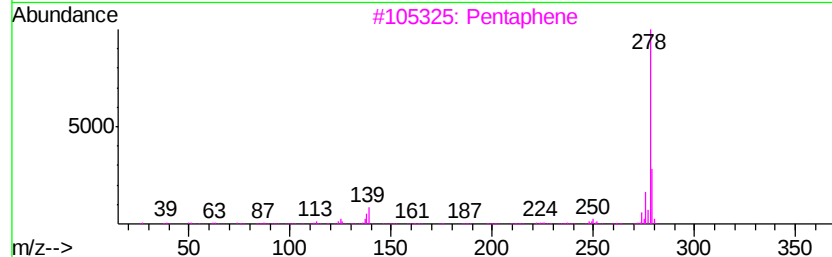
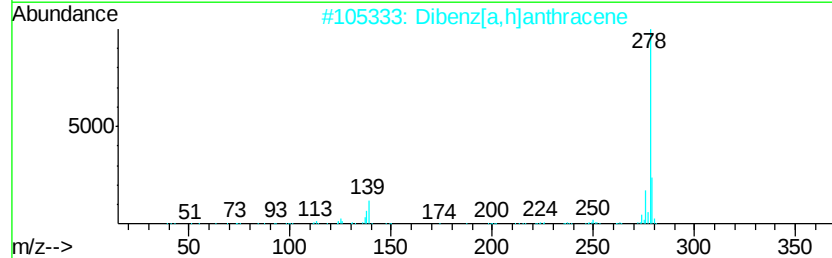
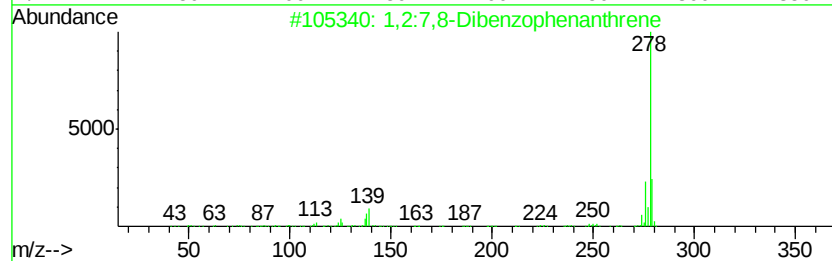
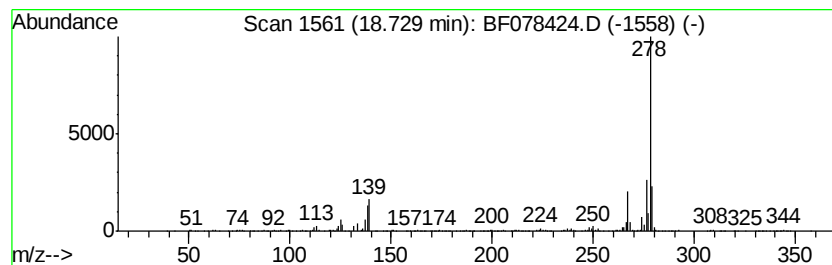
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	39.99 ng	807609	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		Pentaphene	278	C22H14	000222-93-5	97
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	97
5		Benzo[b]chrysene	278	C22H14	000214-17-5	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

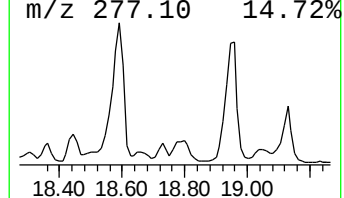
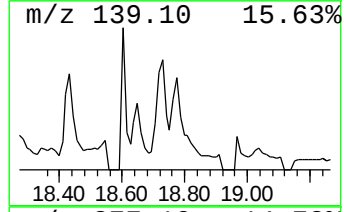
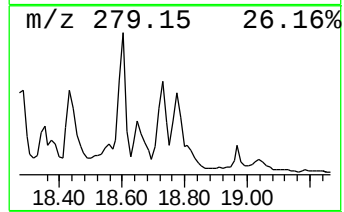
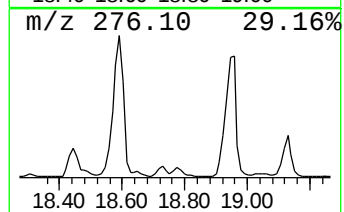
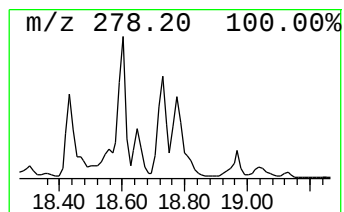
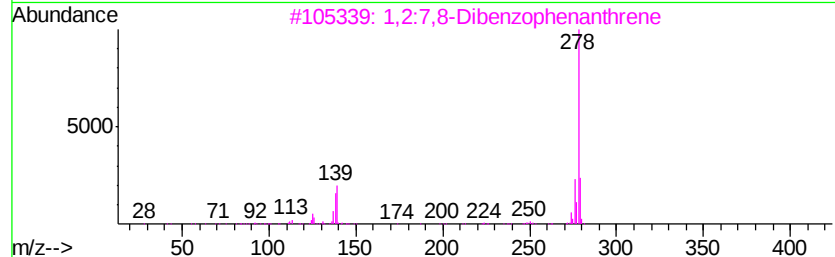
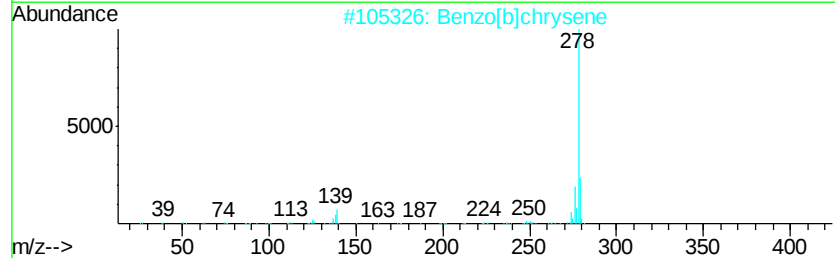
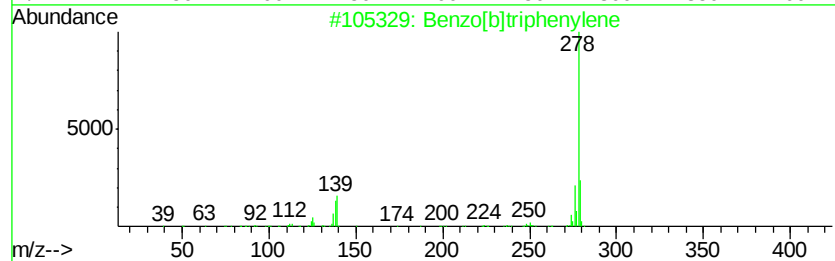
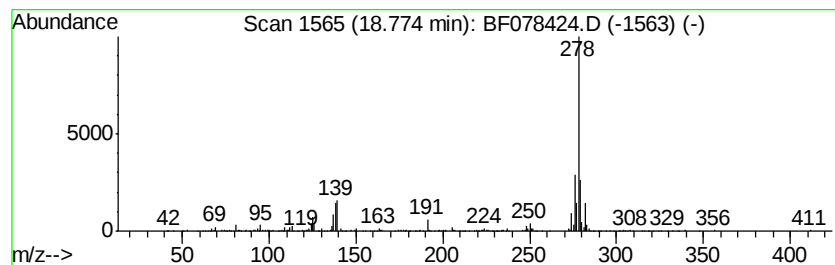
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]chrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	22.28 ng	449982	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Benzo[b]chrysene	278	C22H14	000214-17-5	97
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	96
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
5		Pentaphene	278	C22H14	000222-93-5	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
Operator : TP/IZ
Sample : G1823-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3

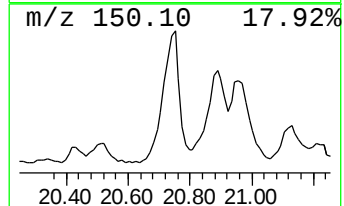
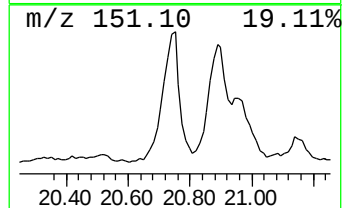
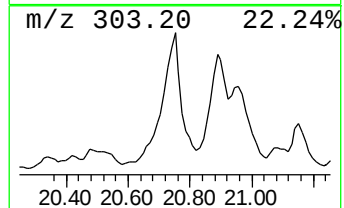
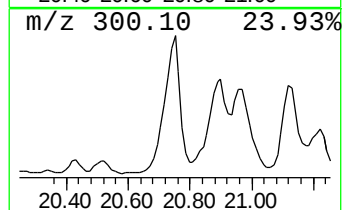
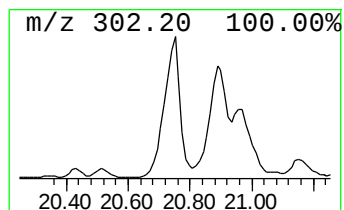
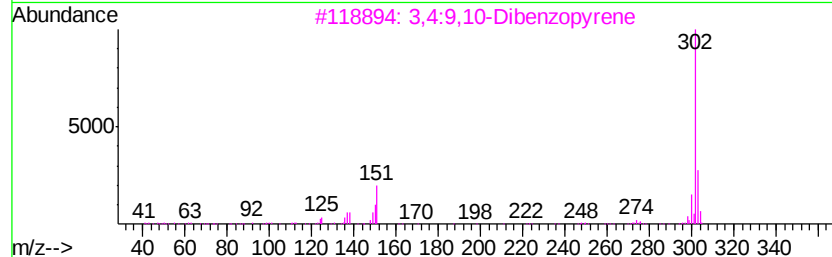
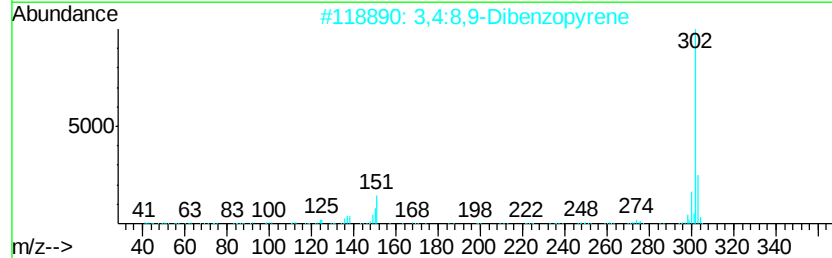
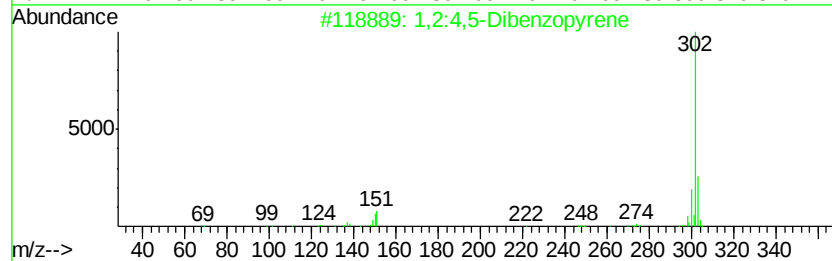
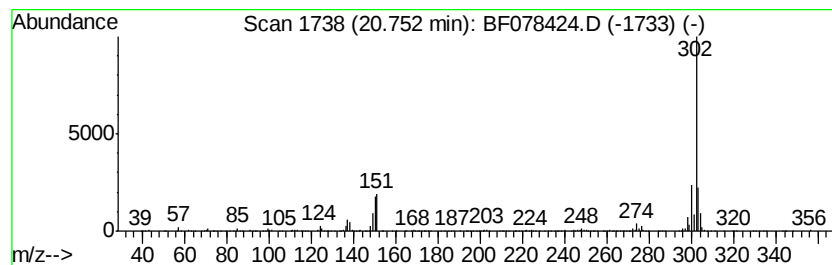
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	61.10 ng	1233810	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078424.D
Acq On : 11 Apr 2015 5:33
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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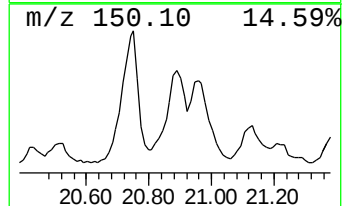
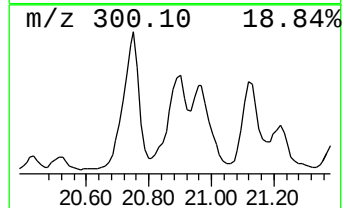
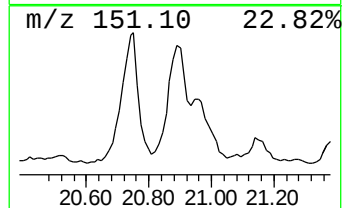
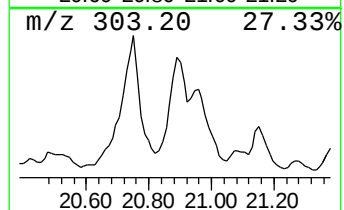
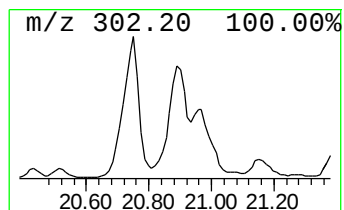
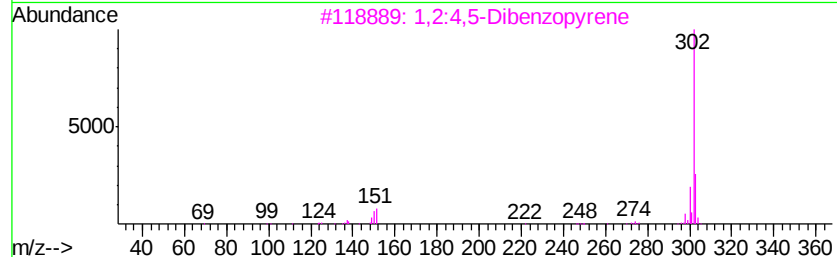
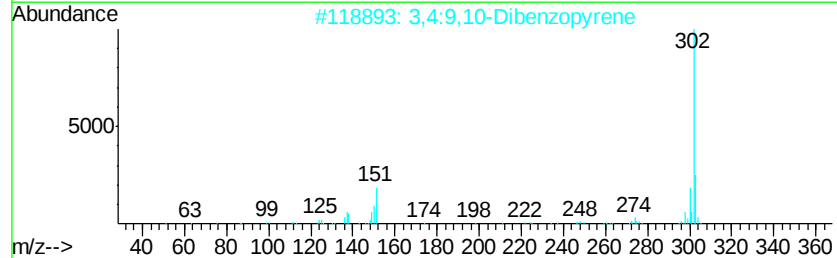
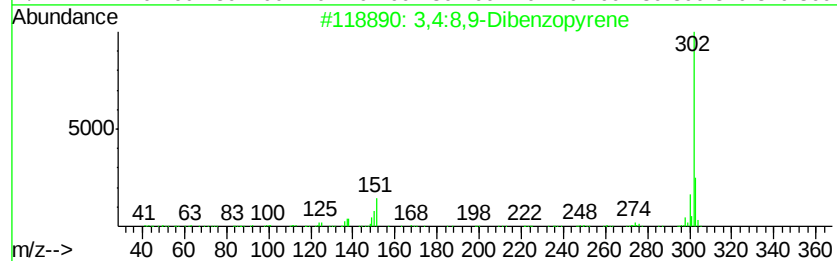
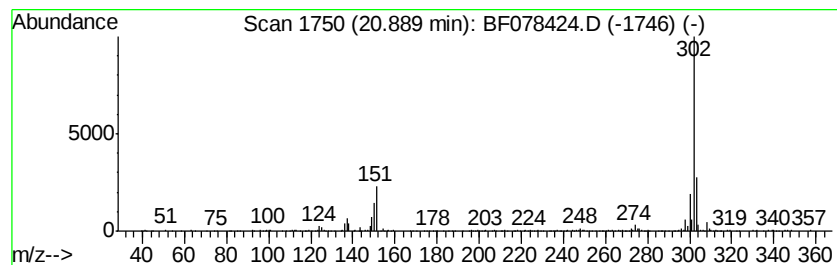
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	34.44 ng	695516	Perylene-d12	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	86
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078424.D
 Acq On : 11 Apr 2015 5:33
 Operator : TP/IZ
 Sample : G1823-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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					#	RT	Resp	Conc
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Phenanthrene, 2-m...	13.05	21.0	ng	489442	4	12.42	466273	20.0
Phenanthrene, 1-m...	13.08	28.9	ng	672792	4	12.42	466273	20.0
4H-Cyclopenta[def...	13.17	52.3	ng	1220250	4	12.42	466273	20.0
Naphthalene, 2-ph...	13.43	21.6	ng	502555	4	12.42	466273	20.0
5,12-Naphthacened...	16.56	24.0	ng	485540	6	17.35	403879	20.0
unknown16.76	16.76	28.0	ng	565132	6	17.35	403879	20.0
3-Chloro-6-methyl...	17.63	16.4	ng	330804	6	17.35	403879	20.0
unknown17.94	17.94	26.0	ng	524735	6	17.35	403879	20.0
Dibenzo(a,c)fluor...	18.31	50.7	ng	1023650	6	17.35	403879	20.0
Benzo[b]triphenylene	18.43	42.8	ng	865169	6	17.35	403879	20.0
1,2:7,8-Dibenzoph...	18.73	40.0	ng	807609	6	17.35	403879	20.0
Benzo[b]chrysene	18.77	22.3	ng	449982	6	17.35	403879	20.0
1,2:4,5-Dibenzopy...	20.75	61.1	ng	1233810	6	17.35	403879	20.0
3,4:8,9-Dibenzopy...	20.89	34.4	ng	695516	6	17.35	403879	20.0