

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078510.D
 Acq On : 14 Apr 2015 20:28
 Operator : TP/IZ
 Sample : G1828-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02A

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	1.495	26	27	33	rVB	15672	29617	1.43%	0.142%
2	1.598	33	36	66	rVB	811062	2073373	100.00%	9.935%
3	5.061	336	339	346	rBV	66298	102148	4.93%	0.489%
4	6.410	455	457	464	rBV	128013	165940	8.00%	0.795%
5	6.524	464	467	470	rVB	138209	150518	7.26%	0.721%
6	6.799	489	491	494	rVB	88426	100263	4.84%	0.480%
7	6.993	505	508	510	rBV	77227	107711	5.19%	0.516%
8	7.507	550	553	555	rBV	132243	128075	6.18%	0.614%
9	8.376	627	629	631	rBV	108097	154741	7.46%	0.741%
10	8.410	631	632	635	rVB	32427	26583	1.28%	0.127%
11	9.268	704	707	709	rBV	24486	23489	1.13%	0.113%
12	9.725	745	747	750	rVB	247705	329187	15.88%	1.577%
13	10.365	801	803	806	rBV	90613	82731	3.99%	0.396%
14	10.536	816	818	820	rBV	190974	205250	9.90%	0.983%
15	10.582	820	822	824	rVB	22671	23189	1.12%	0.111%
16	10.799	839	841	844	rVB2	22817	33333	1.61%	0.160%
17	11.211	876	877	881	rVB	24500	29159	1.41%	0.140%
18	11.439	893	897	899	rVB2	28841	52855	2.55%	0.253%
19	11.519	901	904	906	rVB2	184646	259328	12.51%	1.243%
20	11.736	921	923	928	rBV	21028	39814	1.92%	0.191%
21	12.068	950	952	955	rBV3	19569	39999	1.93%	0.192%
22	12.136	955	958	961	rVB	41868	65155	3.14%	0.312%
23	12.194	961	963	965	rBV	17109	25819	1.25%	0.124%
24	12.228	965	966	968	rVV	21539	24503	1.18%	0.117%
25	12.365	976	978	979	rBV	206596	232078	11.19%	1.112%
26	12.388	979	980	983	rVB	419564	450392	21.72%	2.158%
27	12.456	983	986	988	rVB	167597	173581	8.37%	0.832%
28	12.502	988	990	993	rBV2	12238	25672	1.24%	0.123%
29	12.674	1003	1005	1010	rBV	70801	106253	5.12%	0.509%
30	12.822	1016	1018	1020	rVV2	24436	23610	1.14%	0.113%
31	12.994	1030	1033	1034	rBV	76733	89283	4.31%	0.428%
32	13.028	1034	1036	1039	rVB	98801	130275	6.28%	0.624%
33	13.085	1039	1041	1042	rBV	41622	54066	2.61%	0.259%
34	13.119	1042	1044	1045	rBV	157126	174629	8.42%	0.837%

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35	13.154	1045	1047	1049	rVB	59005	84506	4.08%	0.405%
36	13.234	1051	1054	1055	rBV3	17408	29921	1.44%	0.143%
37	13.325	1060	1062	1064	rBV	29236	39641	1.91%	0.190%
38	13.382	1064	1067	1070	rVB2	64954	163798	7.90%	0.785%
39	13.542	1080	1081	1083	rBV2	26048	27996	1.35%	0.134%
40	13.588	1083	1085	1086	rBV	18580	25099	1.21%	0.120%
41	13.611	1086	1087	1089	rVB	26383	23551	1.14%	0.113%
42	13.679	1089	1093	1094	rBV2	80028	139836	6.74%	0.670%
43	13.714	1094	1096	1097	rVV	37849	48631	2.35%	0.233%
44	13.771	1099	1101	1103	rVB2	52981	87387	4.21%	0.419%
45	13.862	1106	1109	1111	rBV	961284	1137456	54.86%	5.450%
46	13.897	1111	1112	1114	rVB2	32695	34720	1.67%	0.166%
47	13.942	1114	1116	1117	rBV2	43063	47858	2.31%	0.229%
48	13.977	1117	1119	1122	rVB	56740	73047	3.52%	0.350%
49	14.034	1122	1124	1126	rBV2	70578	98193	4.74%	0.470%
50	14.137	1130	1133	1135	rVB	929845	1242000	59.90%	5.951%
51	14.205	1135	1139	1140	rBV3	41249	57462	2.77%	0.275%
52	14.239	1140	1142	1144	rBV	393103	412503	19.90%	1.977%
53	14.297	1144	1147	1148	rBV2	59512	68861	3.32%	0.330%
54	14.354	1148	1152	1154	rVB	675072	734677	35.43%	3.520%
55	14.422	1154	1158	1160	rBV2	73153	127013	6.13%	0.609%
56	14.525	1164	1167	1168	rBV3	89420	167094	8.06%	0.801%
57	14.548	1168	1169	1171	rVB	118064	112067	5.41%	0.537%
58	14.628	1174	1176	1178	rBV	50795	76071	3.67%	0.364%
59	14.674	1178	1180	1182	rBV2	147920	193510	9.33%	0.927%
60	14.788	1188	1190	1191	rBV2	78369	85126	4.11%	0.408%
61	14.822	1191	1193	1195	rBV	52895	61361	2.96%	0.294%
62	14.925	1200	1202	1203	rBV	18570	25886	1.25%	0.124%
63	15.177	1223	1224	1228	rVB	120455	152588	7.36%	0.731%
64	15.314	1233	1236	1238	rBV	147013	207273	10.00%	0.993%
65	15.371	1238	1241	1243	rVV2	86326	176054	8.49%	0.844%
66	15.405	1243	1244	1246	rVB2	57008	64268	3.10%	0.308%
67	15.451	1246	1248	1251	rVB	117884	143180	6.91%	0.686%
68	15.531	1252	1255	1256	rBV2	38588	65559	3.16%	0.314%
69	15.554	1256	1257	1260	rVB3	74419	104844	5.06%	0.502%
70	15.634	1260	1264	1266	rBV2	671963	1318591	63.60%	6.318%
71	15.668	1266	1267	1269	rVV	543621	634153	30.59%	3.039%

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72	15.702	1269	1270	1273	rVB3	54584	80279	3.87%	0.385%
73	15.760	1273	1275	1277	rVB	75367	103477	4.99%	0.496%
74	15.828	1278	1281	1282	rBV2	41331	64866	3.13%	0.311%
75	15.908	1286	1288	1289	rVB	63939	80093	3.86%	0.384%
76	15.954	1289	1292	1293	rBV	68820	92840	4.48%	0.445%
77	15.988	1293	1295	1297	rVB2	27441	27957	1.35%	0.134%
78	16.057	1299	1301	1303	rVB2	23216	33528	1.62%	0.161%
79	16.103	1303	1305	1306	rBV2	41934	53361	2.57%	0.256%
80	16.148	1306	1309	1311	rVB	113227	161325	7.78%	0.773%
81	16.194	1311	1313	1316	rBV2	64139	82204	3.96%	0.394%
82	16.274	1318	1320	1322	rBV2	32107	45799	2.21%	0.219%
83	16.377	1327	1329	1330	rVB2	26622	30170	1.46%	0.145%
84	16.491	1337	1339	1341	rBV2	23560	40723	1.96%	0.195%
85	16.560	1343	1345	1348	rBV3	53110	107435	5.18%	0.515%
86	16.708	1356	1358	1361	rBV3	31656	59547	2.87%	0.285%
87	16.765	1361	1363	1364	rBV	41653	60010	2.89%	0.288%
88	16.983	1378	1382	1387	rBV	616385	1568230	75.64%	7.514%
89	17.097	1389	1392	1394	rVB	151851	213923	10.32%	1.025%
90	17.143	1394	1396	1398	rBV	32518	55862	2.69%	0.268%
91	17.223	1401	1403	1407	rVV2	54131	130591	6.30%	0.626%
92	17.303	1407	1410	1413	rVV	420190	613315	29.58%	2.939%
93	17.371	1413	1416	1418	rVB	630782	751302	36.24%	3.600%
94	17.440	1419	1422	1423	rBV	194176	290019	13.99%	1.390%
95	17.463	1423	1424	1426	rVB	148808	172740	8.33%	0.828%
96	18.594	1520	1523	1529	rVB	95717	245671	11.85%	1.177%
97	18.720	1531	1534	1539	rVB2	314744	676416	32.62%	3.241%
98	18.880	1545	1548	1549	rBV	77578	148346	7.15%	0.711%
99	18.914	1549	1551	1561	rVV4	89608	335134	16.16%	1.606%
100	19.074	1561	1565	1570	rVB	293791	520749	25.12%	2.495%

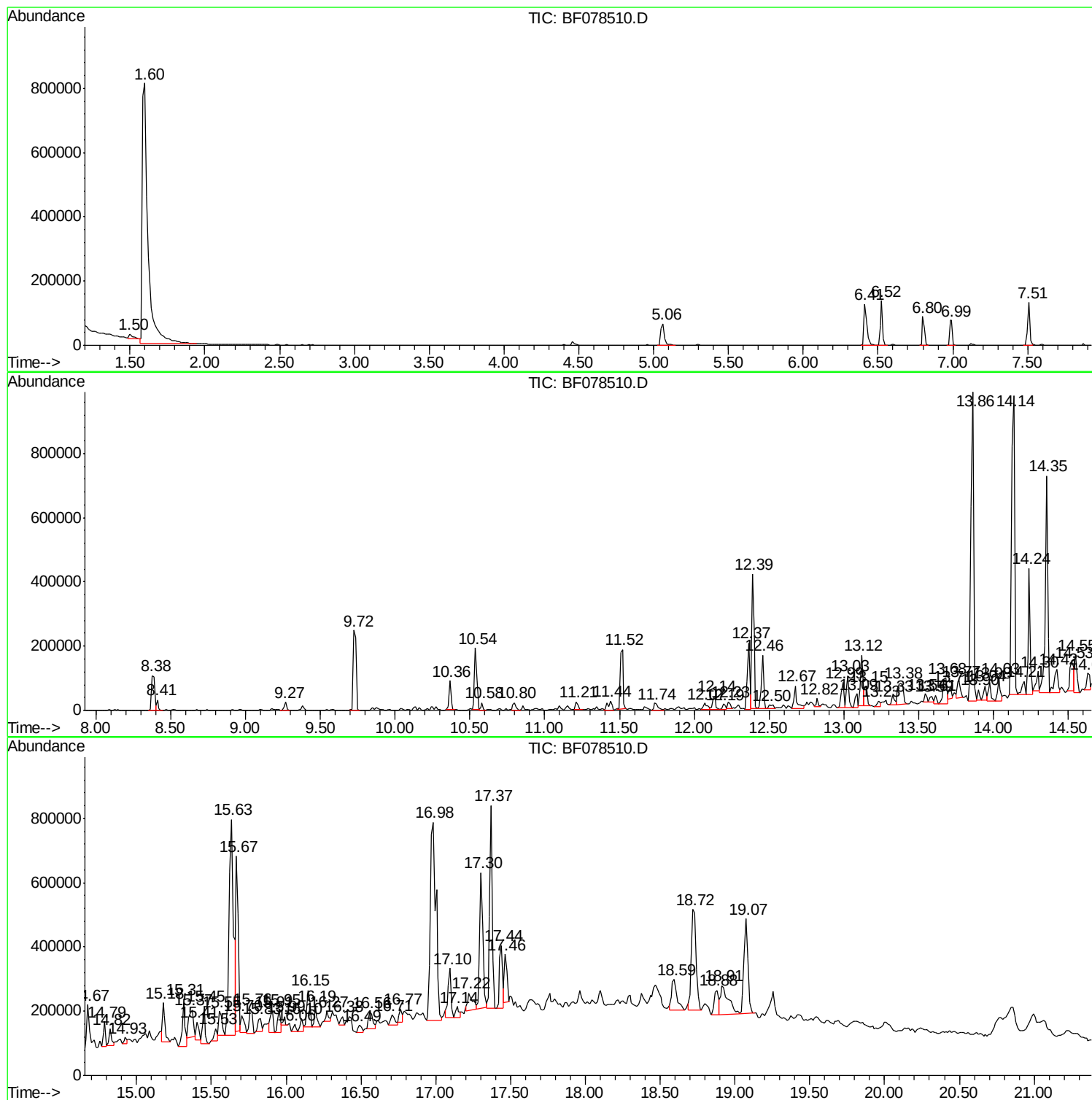
Sum of corrected areas: 20870312

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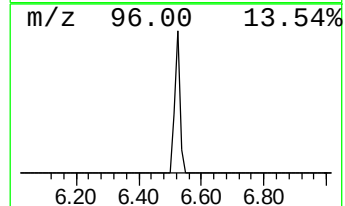
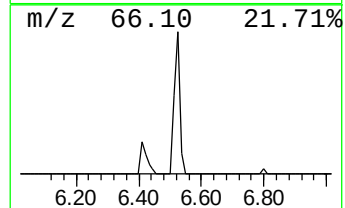
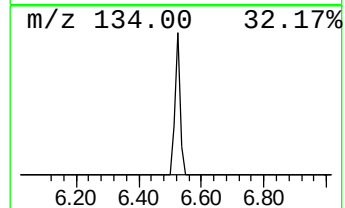
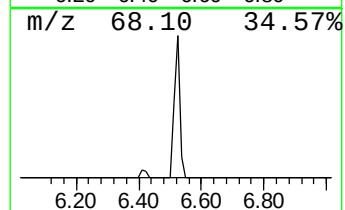
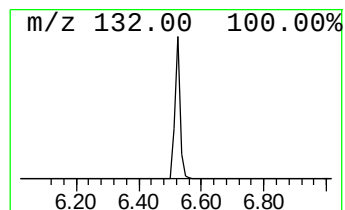
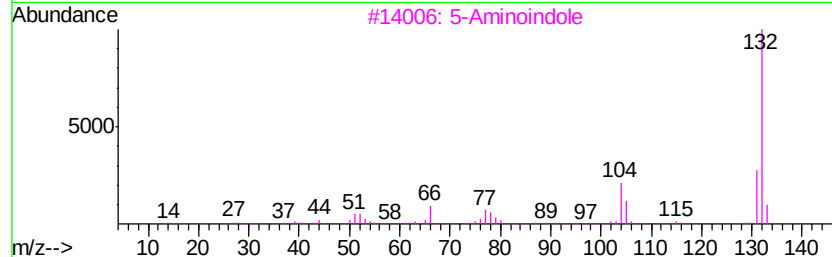
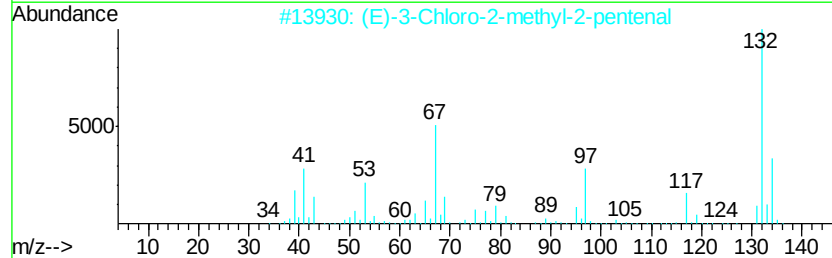
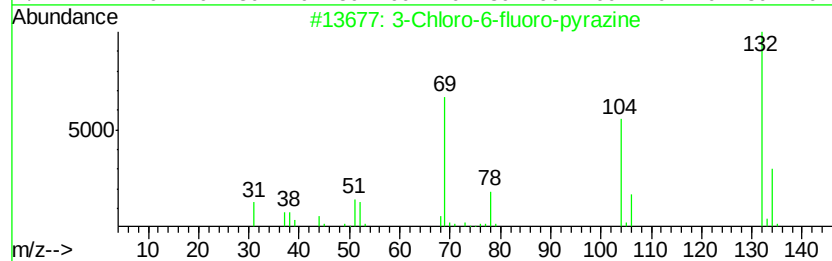
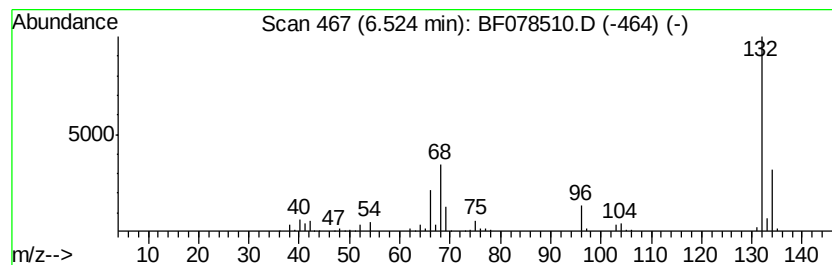
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	30.02 ng	150518	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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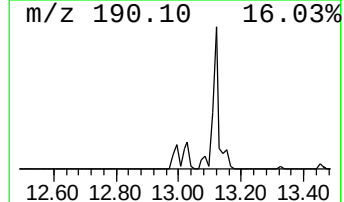
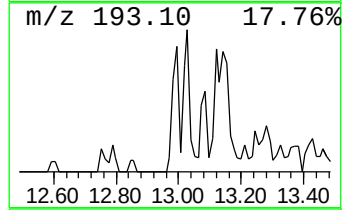
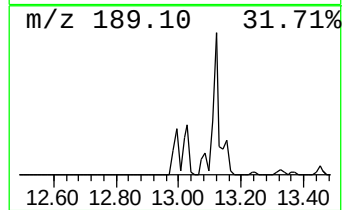
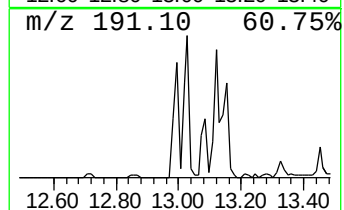
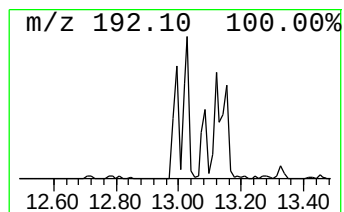
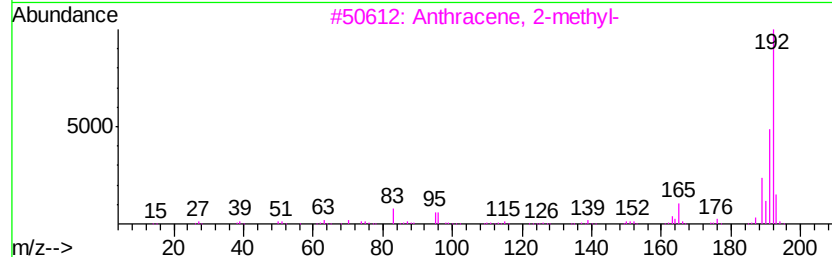
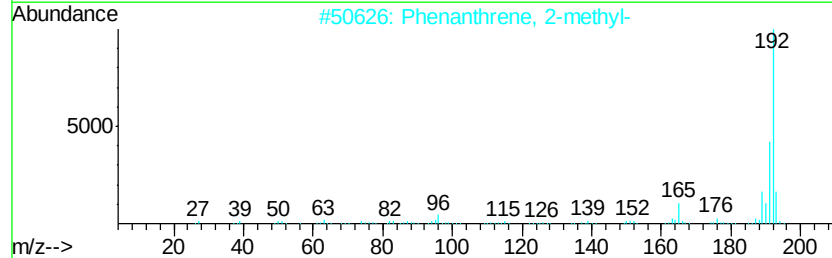
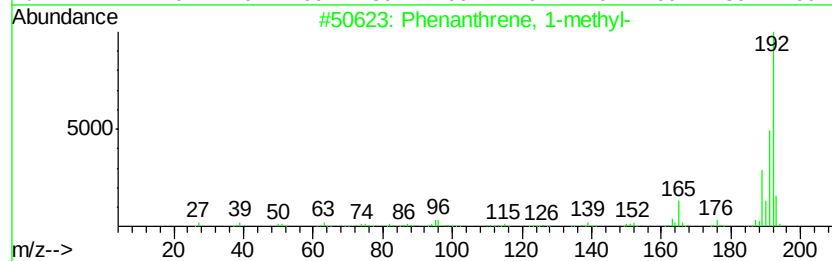
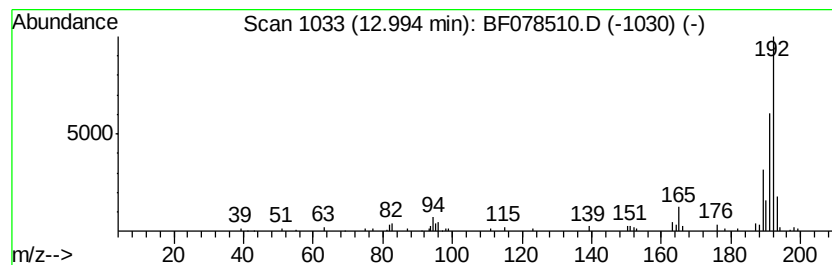
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	7.69 ng	89283	Phenanthrene-d10	12.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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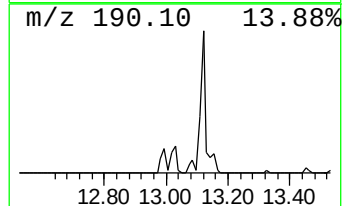
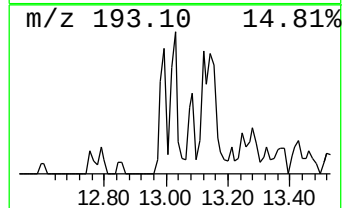
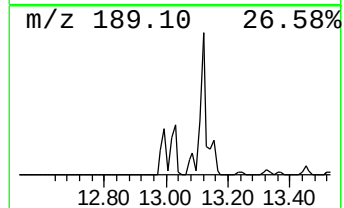
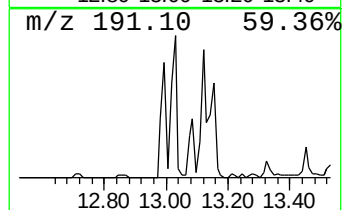
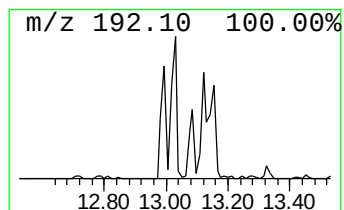
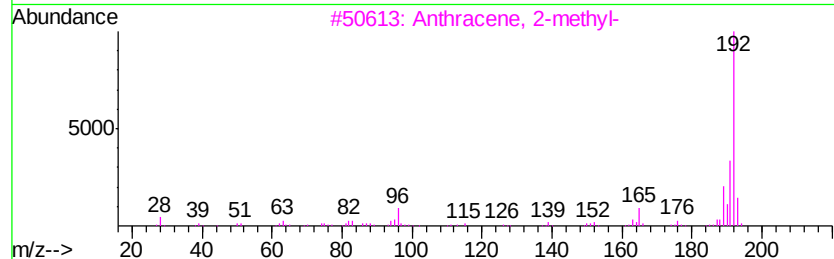
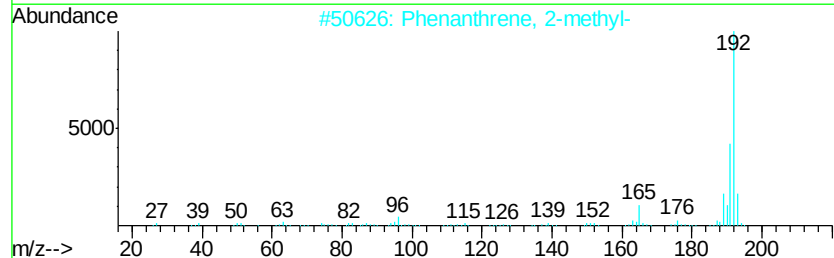
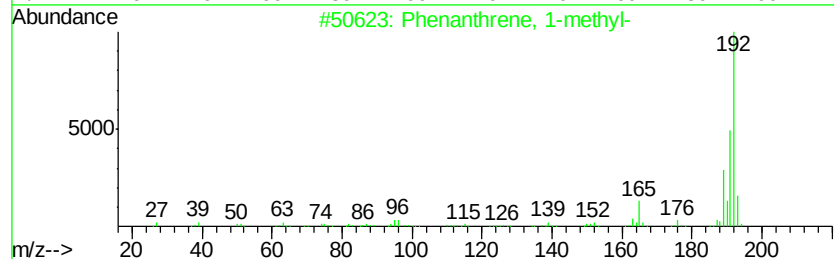
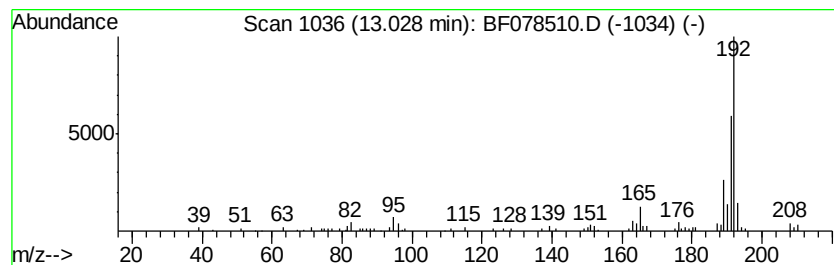
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	11.23 ng	130275	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB02A

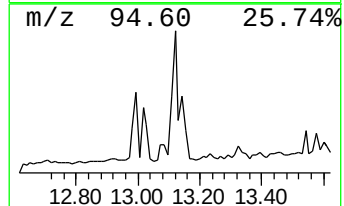
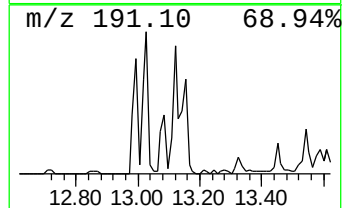
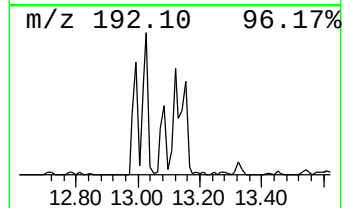
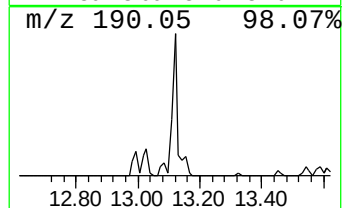
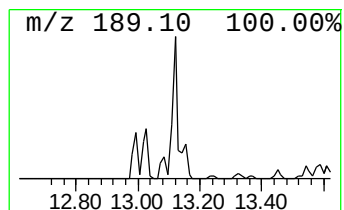
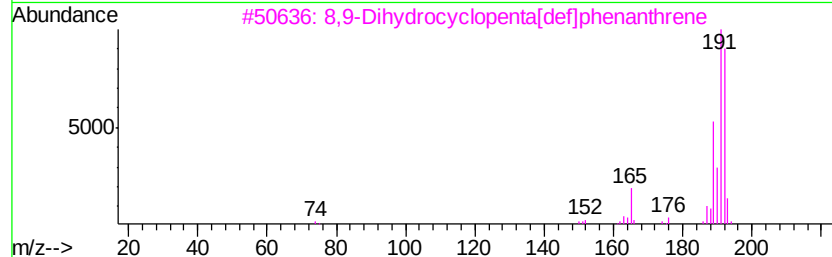
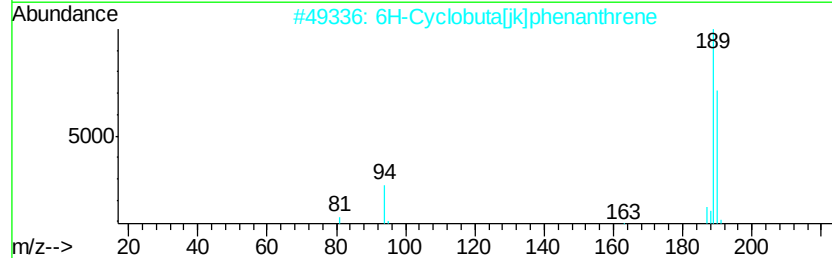
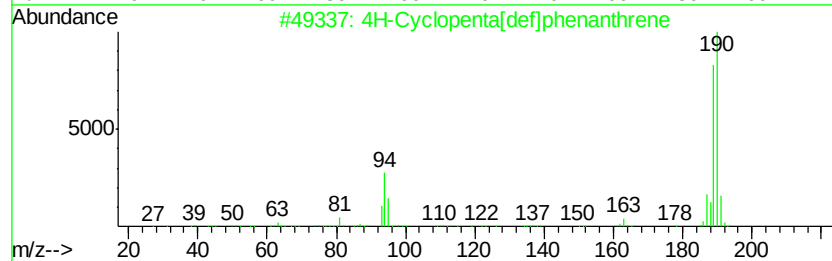
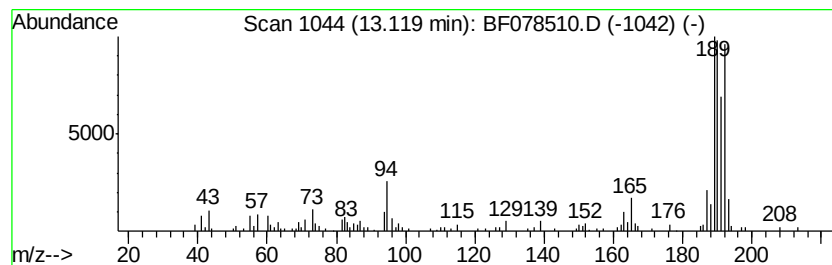
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	15.05 ng	174629	Phenanthrene-d10	12.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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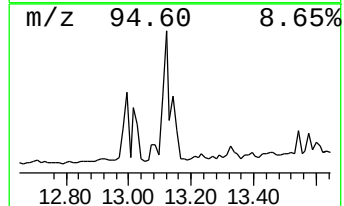
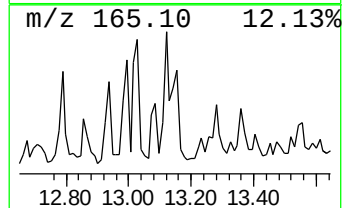
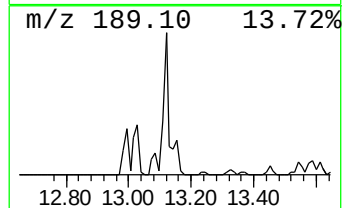
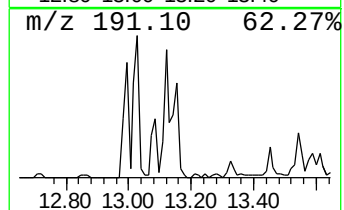
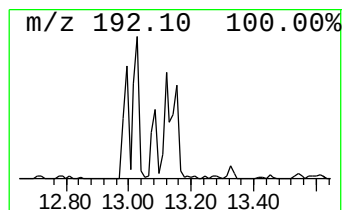
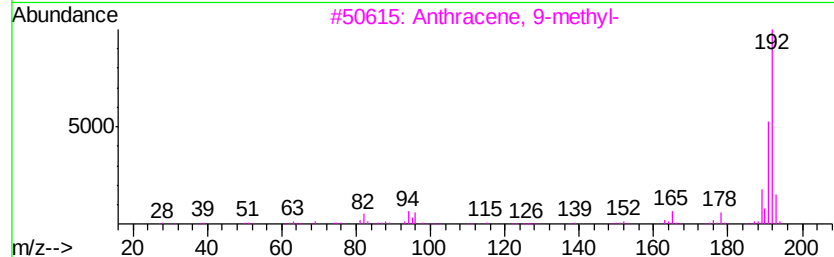
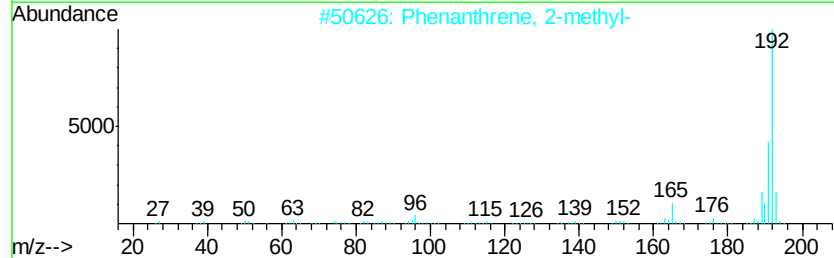
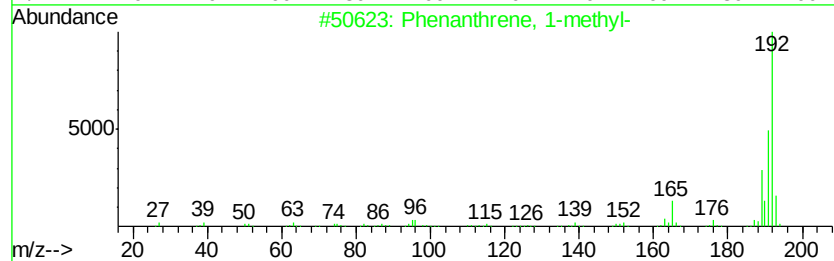
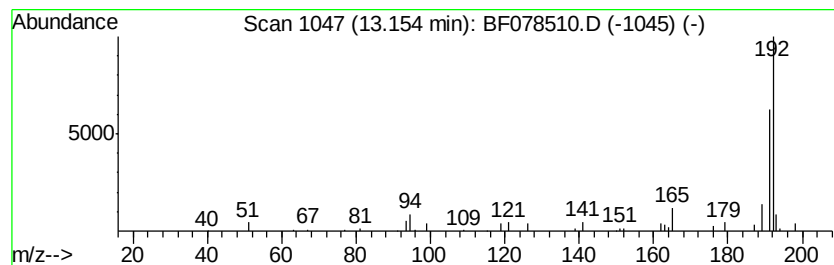
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	7.28 ng	84506	Phenanthrene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HS-SB02A

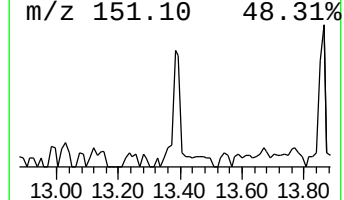
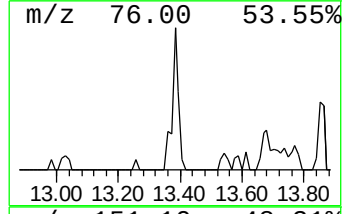
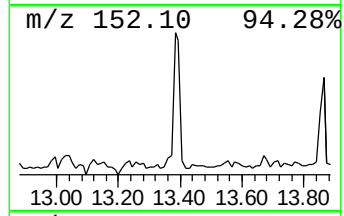
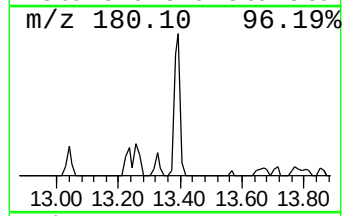
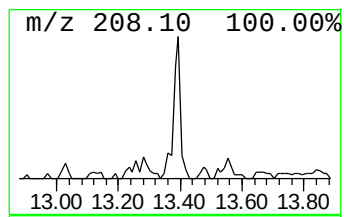
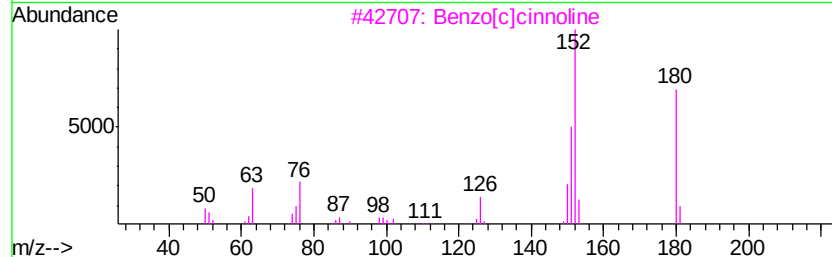
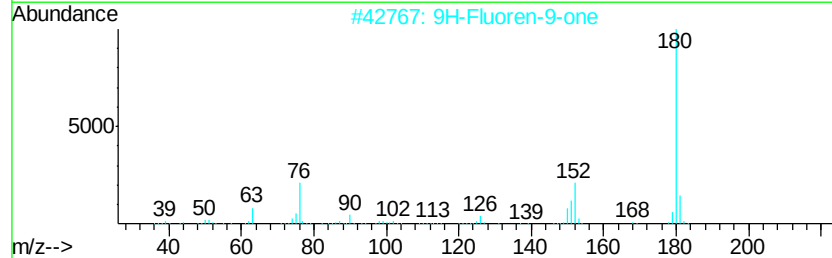
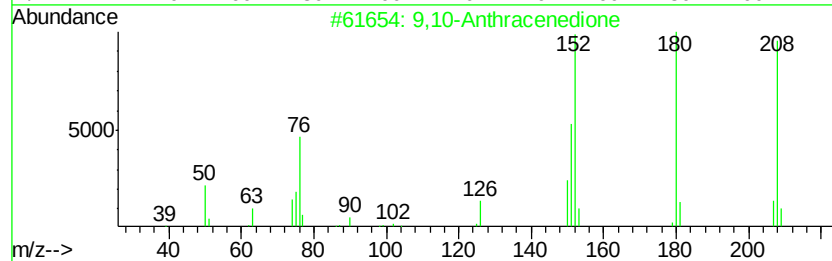
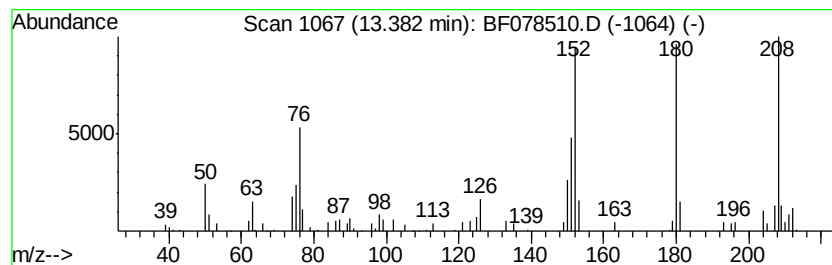
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	14.12 ng	163798	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	51



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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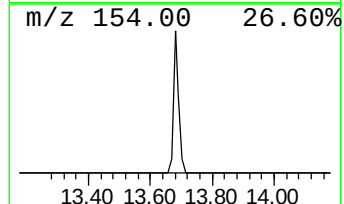
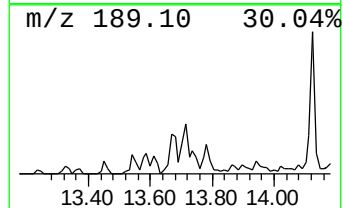
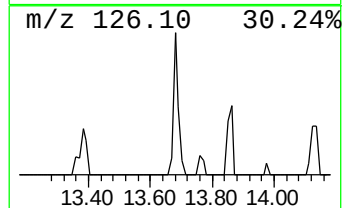
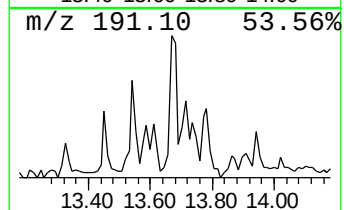
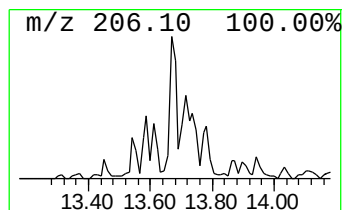
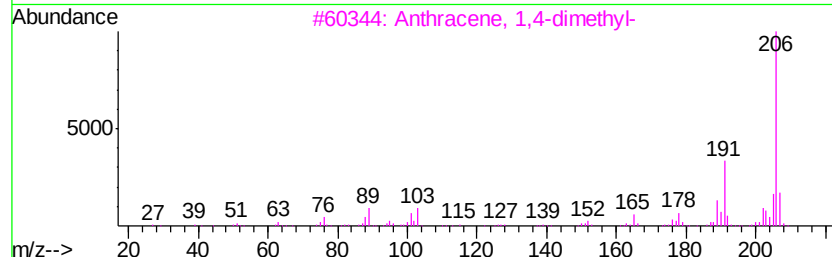
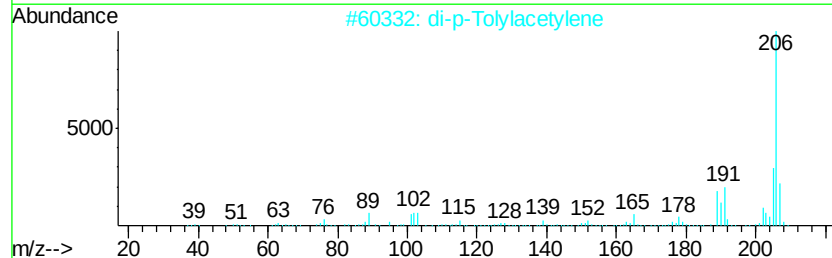
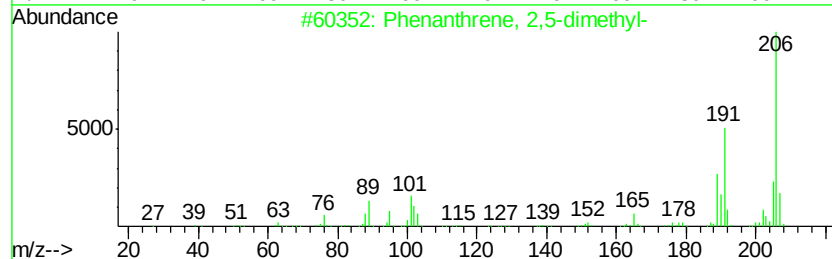
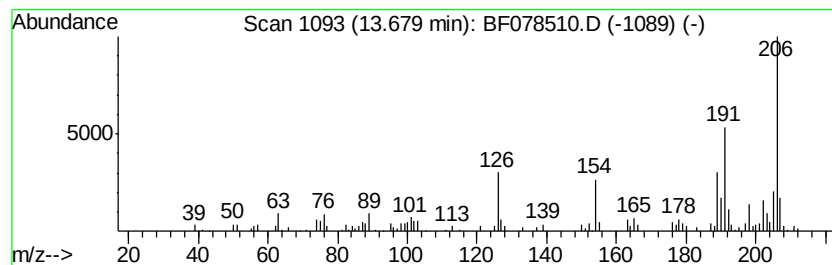
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	12.05 ng	139836	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
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Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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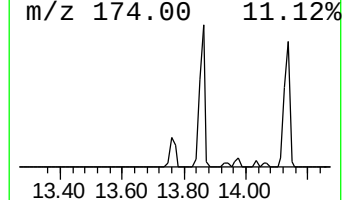
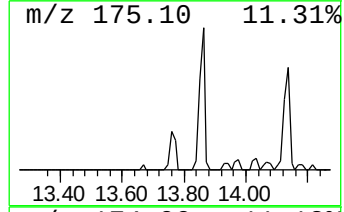
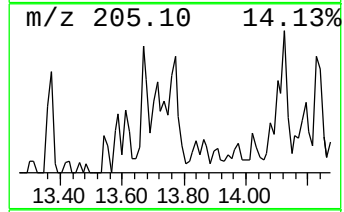
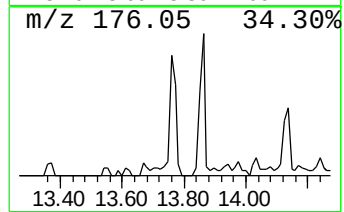
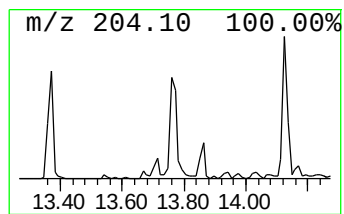
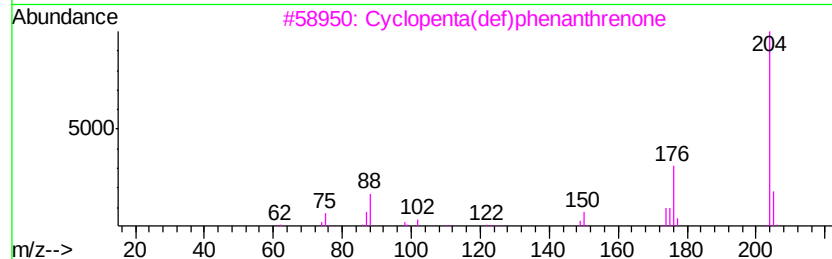
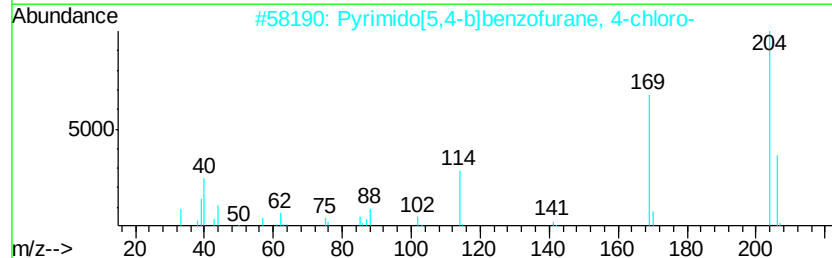
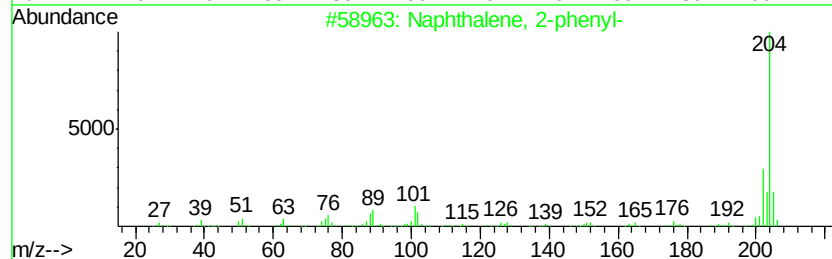
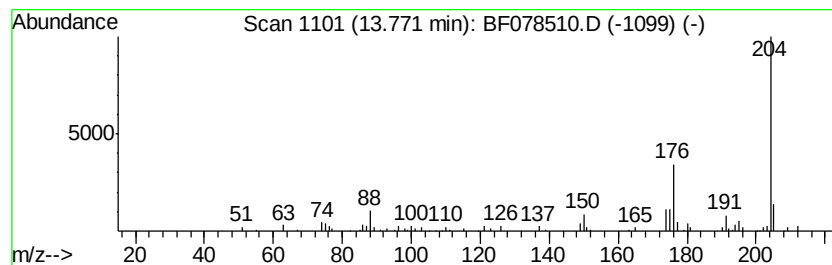
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	7.53 ng	87387	Phenanthrene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
2			Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	47
3			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	47
4			4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	42
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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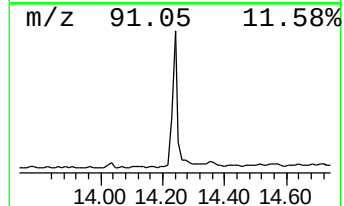
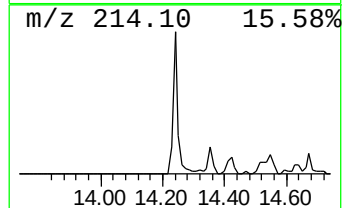
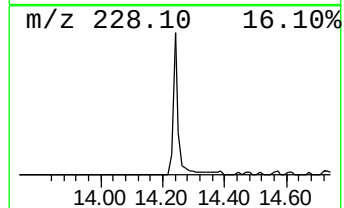
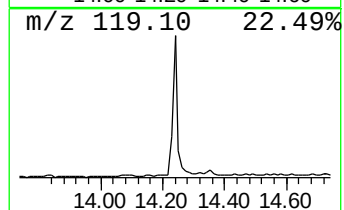
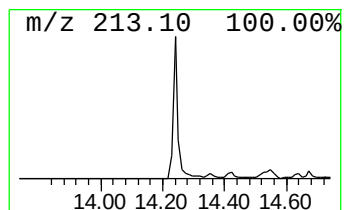
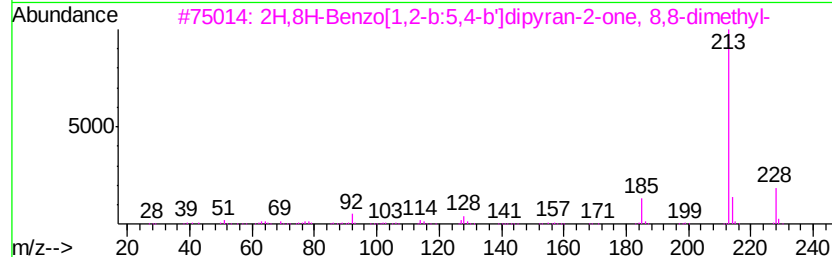
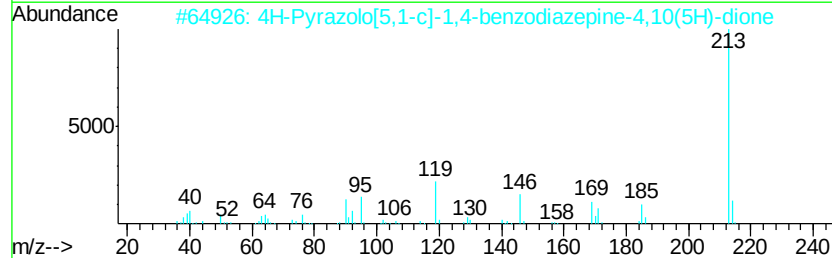
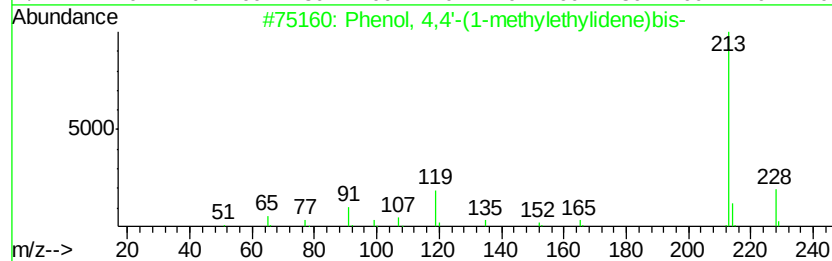
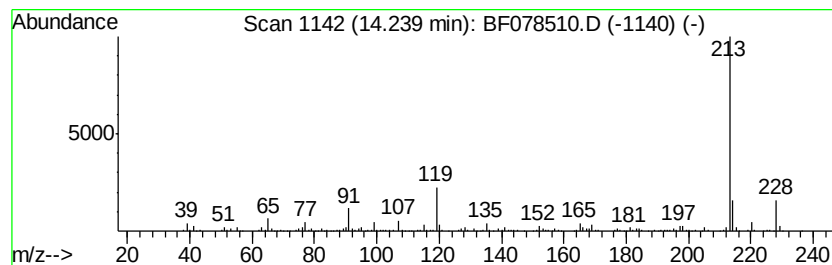
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, 4,4'-(1-methylethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.24	6.26 ng	412503	Chrysene-d12	15.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98	
2	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	59	
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	58	
4	2-Bromo-7-(methylamino)tropone	213	C8H8BrNO	103539-25-9	52	
5	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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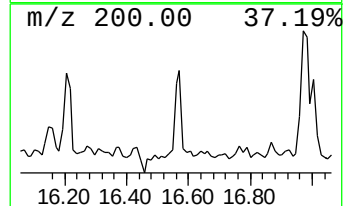
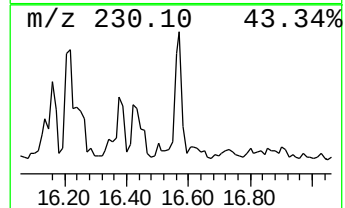
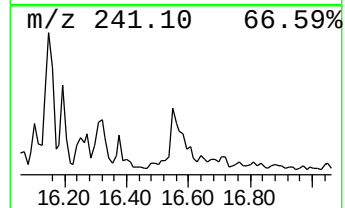
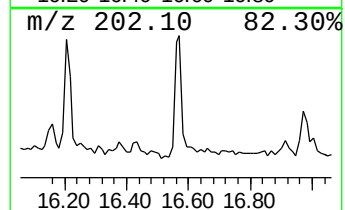
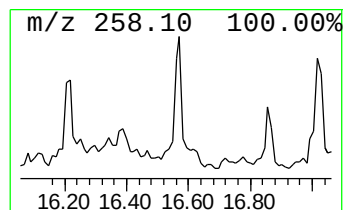
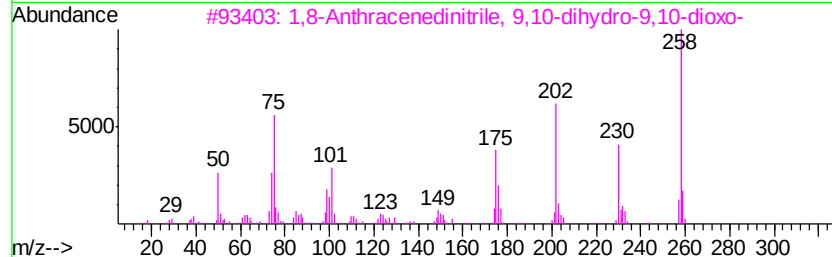
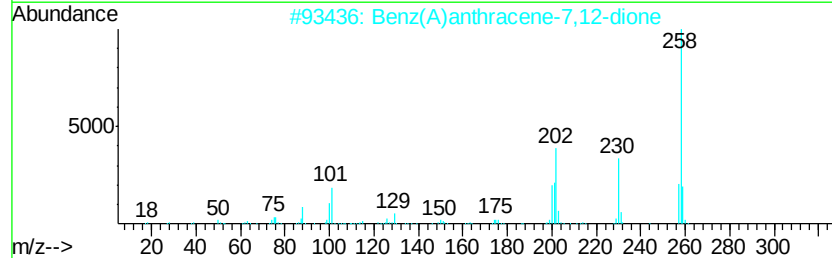
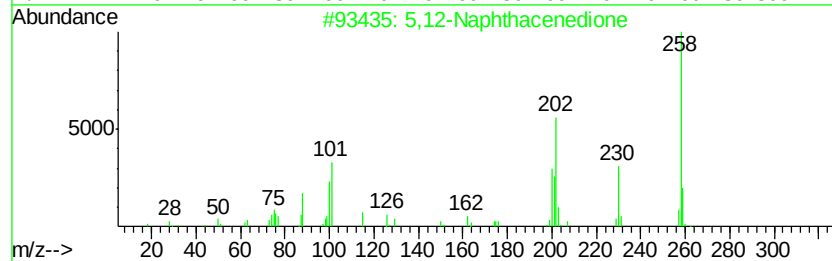
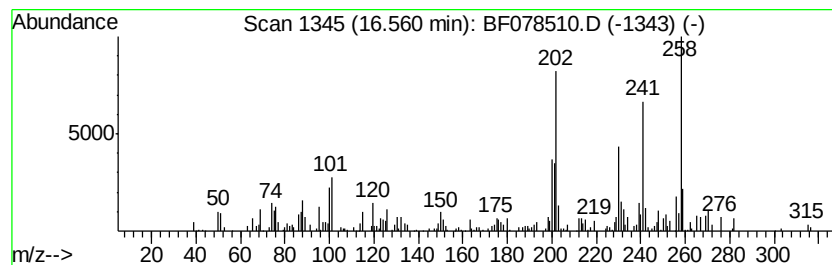
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5,12-Naphthacenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.56	7.41 ng	107435	Perylene-d12	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	94	
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93	
3	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	76	
4	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	56	
5	Fluoranthene	202	C16H10	000206-44-0	47	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Acq On : 14 Apr 2015 20:28
Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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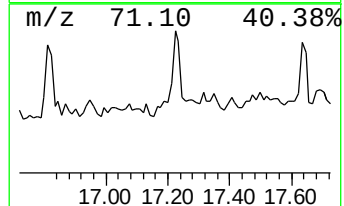
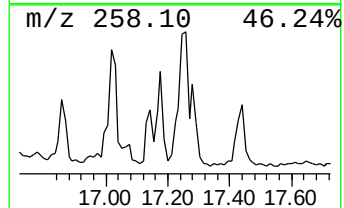
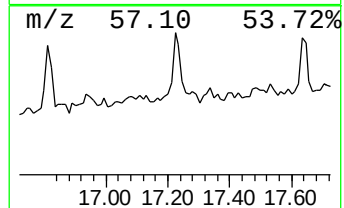
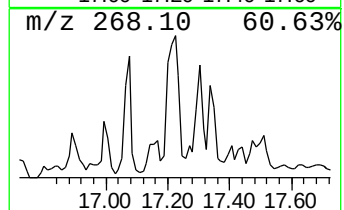
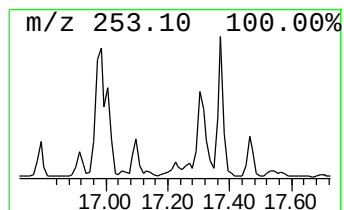
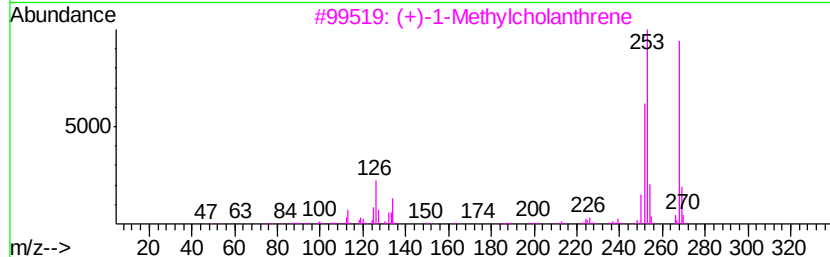
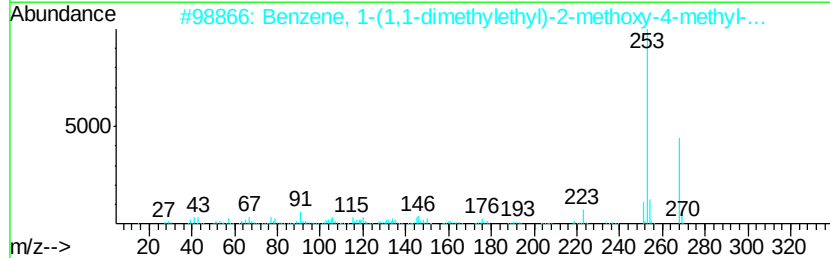
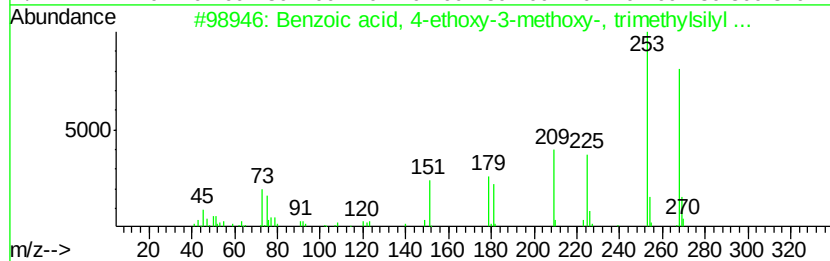
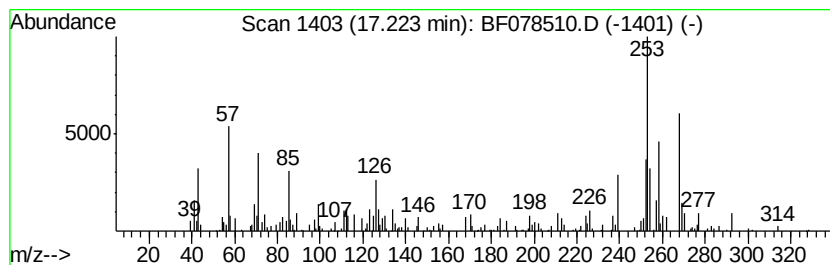
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	9.01 ng	130591	Perylene-d12	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 4-ethoxy-3-methoxy...	268	C13H20O4Si	1000292-72-9	35
2			Benzene, 1-(1,1-dimethylethyl)-2...	268	C12H16N2O5	000083-66-9	35
3			(+)-1-Methylcholanthrene	268	C21H16	1000126-56-0	35
4			Benzene, 1-methyl-3,5-bis[(trime...	268	C13H24O2Si2	089267-67-4	32
5			(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078510.D
Acq On : 14 Apr 2015 20:28
Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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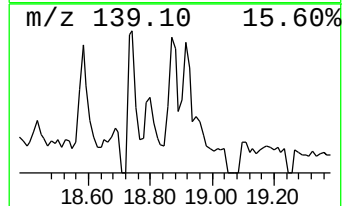
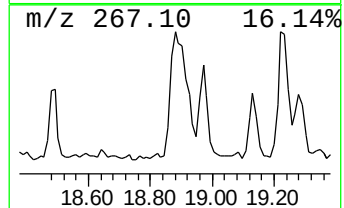
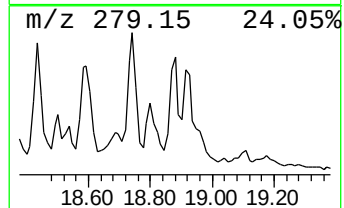
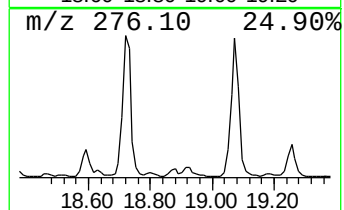
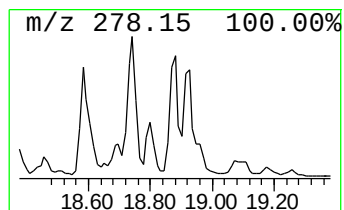
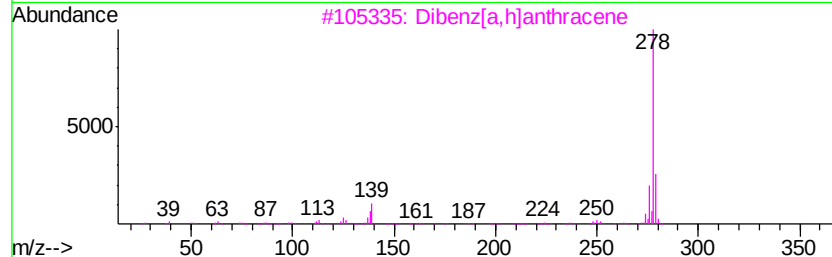
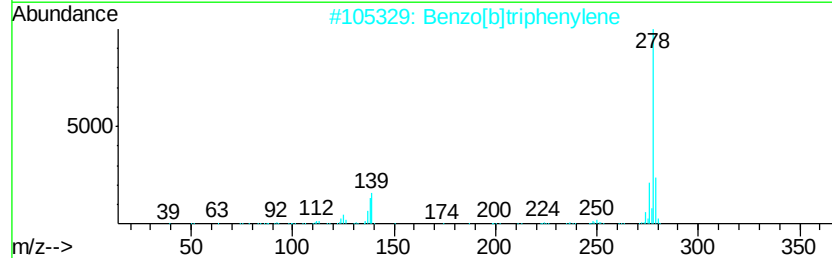
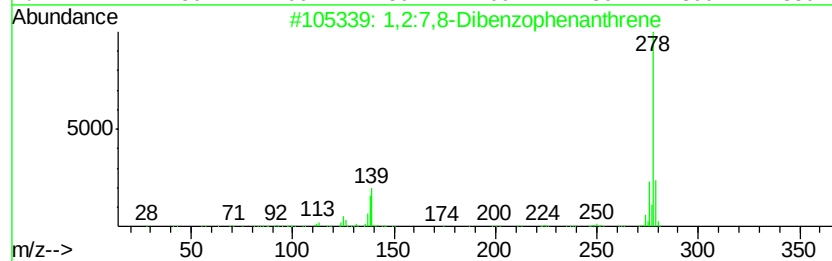
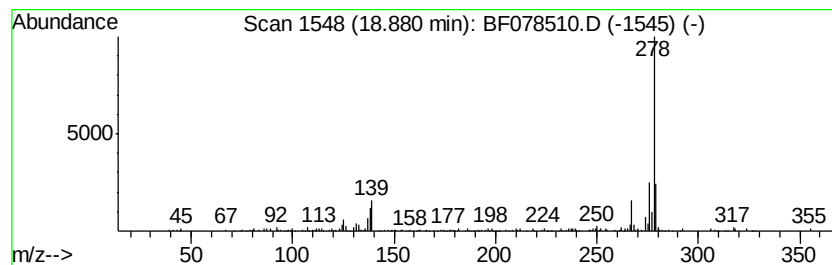
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:7,8-Dibenzophenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	10.23 ng	148346	Perylene-d12	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	97
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
4		Benzo[b]chrysene	278	C22H14	000214-17-5	95
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Operator : TP/IZ
Sample : G1828-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB02A

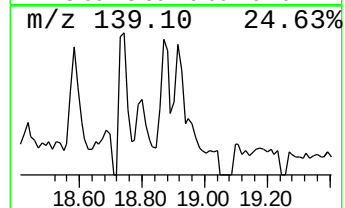
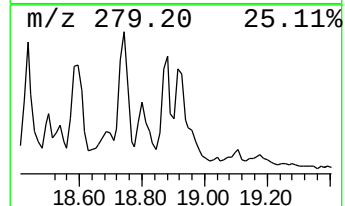
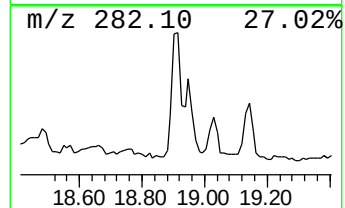
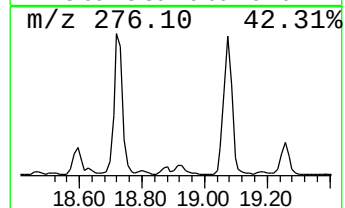
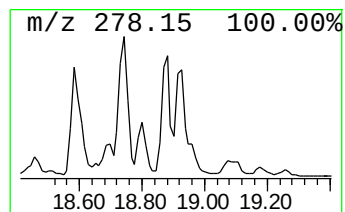
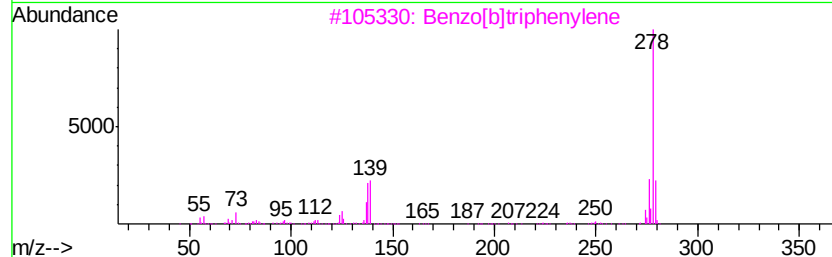
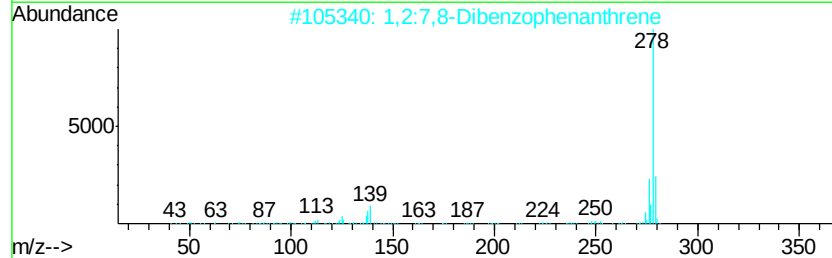
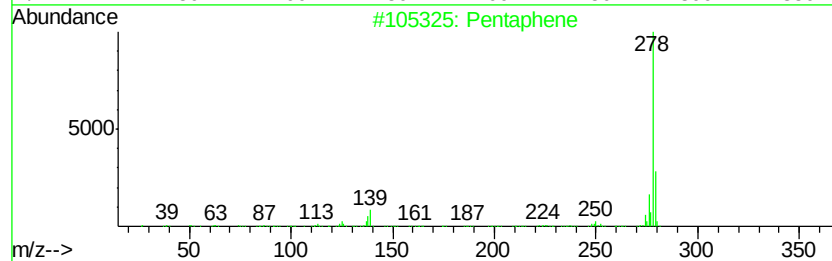
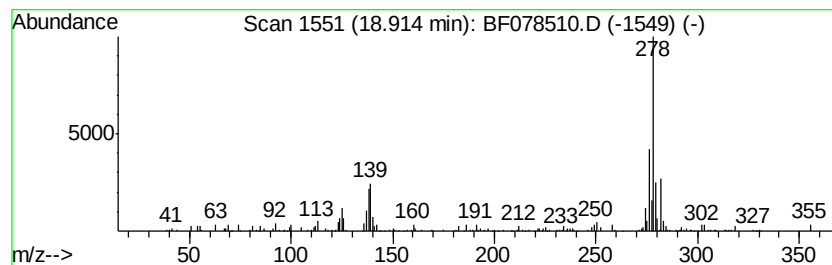
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentaphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	23.11 ng	335134	Perylene-d12	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaphene	278	C22H14	000222-93-5	96
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	93
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	92
4		Benzo[b]chrysene	278	C22H14	000214-17-5	83
5		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078510.D
 Acq On : 14 Apr 2015 20:28
 Operator : TP/IZ
 Sample : G1828-07
 Misc :
 ALS Vial : 8 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Phenanthrene, 1-m...	12.99	7.7	ng	89283	4	12.37	232078	20.0
Phenanthrene, 2-m...	13.03	11.2	ng	130275	4	12.37	232078	20.0
4H-Cyclopenta[def...	13.12	15.1	ng	174629	4	12.37	232078	20.0
Anthracene, 9-met...	13.15	7.3	ng	84506	4	12.37	232078	20.0
9,10-Anthracenedione	13.38	14.1	ng	163798	4	12.37	232078	20.0
Phenanthrene, 2,5...	13.68	12.1	ng	139836	4	12.37	232078	20.0
Naphthalene, 2-ph...	13.77	7.5	ng	87387	4	12.37	232078	20.0
Phenol, 4,4'-(1-m...	14.24	6.3	ng	412503	5	15.65	1318590	20.0
5,12-Naphthacened...	16.56	7.4	ng	107435	6	17.44	290019	20.0
unknown17.22	17.22	9.0	ng	130591	6	17.44	290019	20.0
1,2:7,8-Dibenzoph...	18.88	10.2	ng	148346	6	17.44	290019	20.0
Pentaphene	18.91	23.1	ng	335134	6	17.44	290019	20.0