

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
 Data File : BF078352.D
 Acq On : 8 Apr 2015 23:53
 Operator : TP/IZ
 Sample : G1794-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBOX

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	1.081	15	17	19	rVB	23010	31802	1.48%	0.142%
2	1.195	24	27	29	rVB	68490	86446	4.01%	0.385%
3	1.653	65	67	77	rBV	64769	98948	4.59%	0.440%
4	5.184	374	376	384	rVB	33050	50396	2.34%	0.224%
5	6.522	490	493	498	rBV	55451	63682	2.96%	0.283%
6	6.636	501	503	506	rVB	58531	63168	2.93%	0.281%
7	6.910	525	527	530	rVB	267089	245637	11.40%	1.093%
8	7.093	541	543	546	rBV	44181	45057	2.09%	0.201%
9	7.607	586	588	591	rBV	31739	34890	1.62%	0.155%
10	8.488	663	665	668	rBV	384182	339808	15.77%	1.512%
11	9.836	781	783	785	rVB	88272	78658	3.65%	0.350%
12	10.648	852	854	857	rBV	302775	385914	17.91%	1.718%
13	10.693	857	858	860	rVB	39736	28507	1.32%	0.127%
14	11.333	912	914	916	rBV	37529	42219	1.96%	0.188%
15	11.631	938	940	943	rVB	53514	51456	2.39%	0.229%
16	12.316	997	1000	1002	rBV2	22201	26942	1.25%	0.120%
17	12.351	1002	1003	1005	rVB	34376	28545	1.32%	0.127%
18	12.476	1012	1014	1016	rBV	303273	502230	23.31%	2.235%
19	12.511	1016	1017	1019	rVV	876032	706010	32.76%	3.142%
20	12.568	1019	1022	1025	rVV	100662	148845	6.91%	0.662%
21	12.625	1025	1027	1030	rVB	23970	37870	1.76%	0.169%
22	12.785	1039	1041	1043	rBV	105858	110109	5.11%	0.490%
23	13.105	1067	1069	1071	rBV	75028	93686	4.35%	0.417%
24	13.139	1071	1072	1075	rVB	107011	111759	5.19%	0.497%
25	13.197	1075	1077	1079	rBV	25352	36029	1.67%	0.160%
26	13.242	1079	1081	1082	rVV	149425	202202	9.38%	0.900%
27	13.265	1082	1083	1086	rVB	47989	58626	2.72%	0.261%
28	13.505	1100	1104	1107	rVB2	146693	224043	10.40%	0.997%
29	13.699	1120	1121	1123	rBV	17495	22827	1.06%	0.102%
30	13.791	1127	1129	1131	rBV2	40743	53936	2.50%	0.240%
31	13.837	1131	1133	1134	rBV	20233	25035	1.16%	0.111%
32	13.882	1136	1137	1143	rVB2	41901	68481	3.18%	0.305%
33	13.985	1143	1146	1148	rBV	1787021	2053880	95.31%	9.141%
34	14.054	1150	1152	1154	rBV2	29321	39991	1.86%	0.178%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
 Data File : BF078352.D
 Acq On : 8 Apr 2015 23:53
 Operator : TP/IZ
 Sample : G1794-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBOX

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

35	14.099	1154	1156	1158	rBV2	17979	24517	1.14%	0.109%
36	14.157	1158	1161	1163	rBV	88564	112104	5.20%	0.499%
37	14.259	1167	1170	1172	rBV	1496038	1926077	89.38%	8.572%
38	14.328	1172	1176	1177	rVB2	49245	59874	2.78%	0.266%
39	14.351	1177	1178	1180	rVB	42605	44900	2.08%	0.200%
40	14.420	1181	1184	1185	rBV	85127	97169	4.51%	0.432%
41	14.477	1185	1189	1191	rVB2	93498	189545	8.80%	0.844%
42	14.545	1191	1195	1197	rBV2	71639	156847	7.28%	0.698%
43	14.580	1197	1198	1200	rVB	35753	25342	1.18%	0.113%
44	14.648	1201	1204	1205	rBV	93660	165421	7.68%	0.736%
45	14.671	1205	1206	1208	rVB	242675	225440	10.46%	1.003%
46	14.751	1211	1213	1215	rBV	161154	206160	9.57%	0.918%
47	14.797	1215	1217	1219	rBV	134513	195263	9.06%	0.869%
48	14.831	1219	1220	1222	rVB	81296	64361	2.99%	0.286%
49	14.877	1222	1224	1225	rBV	26042	25927	1.20%	0.115%
50	14.911	1225	1227	1228	rBV	44237	53773	2.50%	0.239%
51	14.945	1228	1230	1233	rBV	39879	57582	2.67%	0.256%
52	15.208	1251	1253	1256	rVB	57364	66148	3.07%	0.294%
53	15.300	1259	1261	1264	rVB	105922	138534	6.43%	0.617%
54	15.437	1270	1273	1274	rBV	177638	205545	9.54%	0.915%
55	15.471	1274	1276	1279	rVV2	147440	289631	13.44%	1.289%
56	15.528	1279	1281	1282	rVV2	88575	124236	5.76%	0.553%
57	15.562	1282	1284	1287	rVB	131508	144016	6.68%	0.641%
58	15.654	1289	1292	1295	rBV2	46079	103349	4.80%	0.460%
59	15.745	1295	1300	1302	rBV2	900573	1835434	85.17%	8.169%
60	15.780	1302	1303	1305	rVV	765919	953114	44.23%	4.242%
61	15.825	1305	1307	1309	rVB2	63609	87956	4.08%	0.391%
62	15.871	1309	1311	1313	rBV	157526	215785	10.01%	0.960%
63	16.008	1321	1323	1325	rVB	121979	128625	5.97%	0.572%
64	16.054	1325	1327	1328	rBV	98308	111126	5.16%	0.495%
65	16.248	1341	1344	1346	rBV	122963	180053	8.36%	0.801%
66	16.294	1346	1348	1350	rVB3	92596	150036	6.96%	0.668%
67	16.363	1352	1354	1355	rVV	65643	83486	3.87%	0.372%
68	16.397	1355	1357	1358	rVV2	63561	84888	3.94%	0.378%
69	16.465	1361	1363	1365	rVV3	46124	66271	3.08%	0.295%
70	16.637	1376	1378	1381	rBV2	86707	149376	6.93%	0.665%
71	17.037	1410	1413	1418	rBV	977274	2155011	100.00%	9.591%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	17.151	1421	1423	1425	rVB	130279	160127	7.43%	0.713%
73	17.346	1438	1440	1443	rBV	500143	780959	36.24%	3.476%
74	17.414	1443	1446	1449	rVB	766649	904261	41.96%	4.025%
75	17.471	1449	1451	1453	rBV	313017	480314	22.29%	2.138%
76	17.974	1493	1495	1498	rVB	63504	92364	4.29%	0.411%
77	18.614	1548	1551	1557	rVV2	114497	257517	11.95%	1.146%
78	18.751	1560	1563	1568	rVB2	453451	914850	42.45%	4.072%
79	18.911	1574	1577	1579	rBV	82829	184845	8.58%	0.823%
80	18.957	1579	1581	1584	rVB3	75716	154684	7.18%	0.688%
81	19.117	1592	1595	1603	rVB	385386	776919	36.05%	3.458%
82	19.311	1610	1612	1615	rVB	67134	103411	4.80%	0.460%
83	20.980	1754	1758	1765	rVB	110179	384778	17.86%	1.713%
84	21.129	1768	1771	1775	rBV	61088	173063	8.03%	0.770%

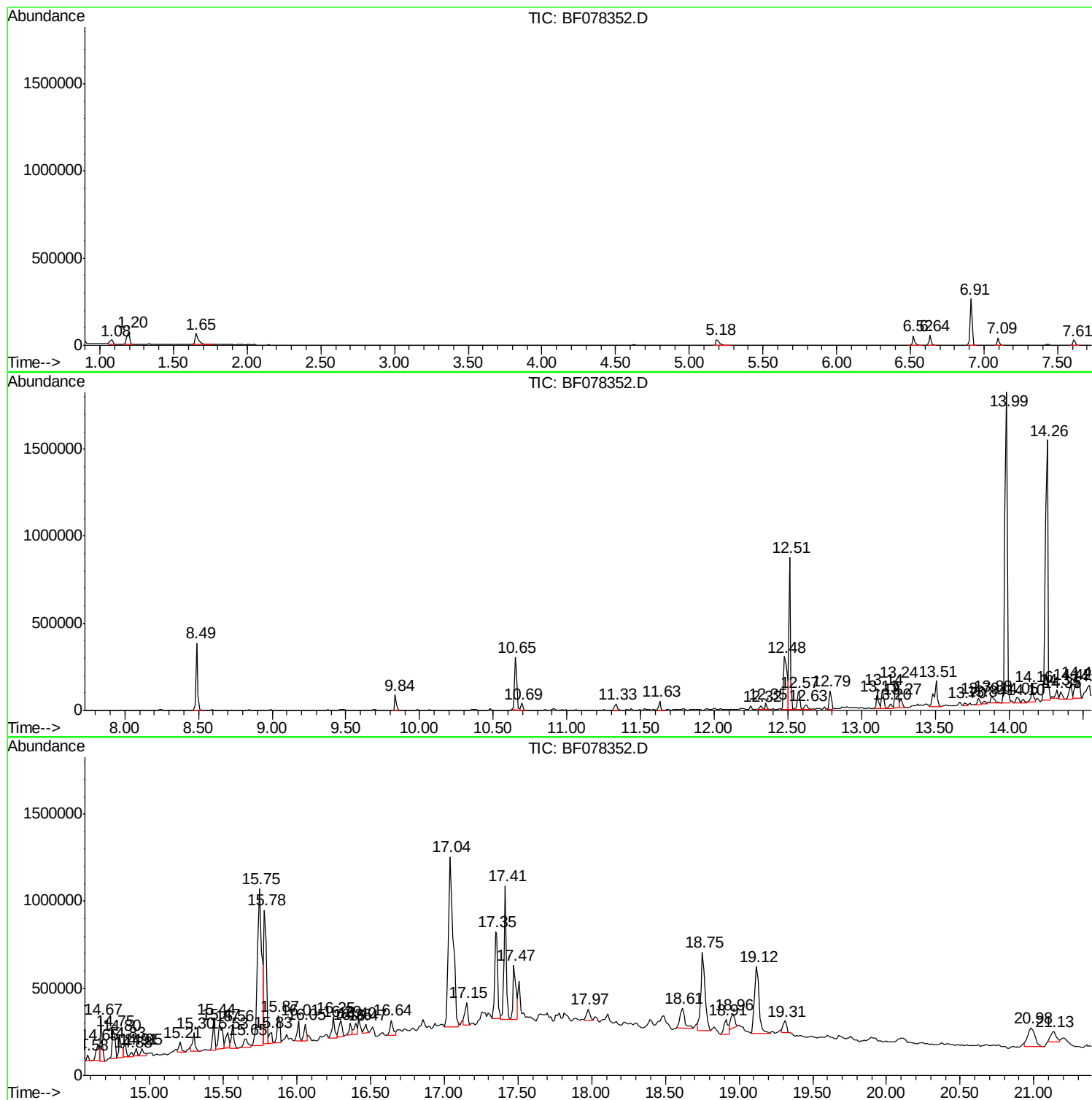
Sum of corrected areas: 22468648

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

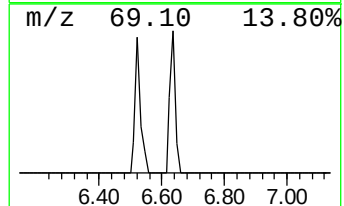
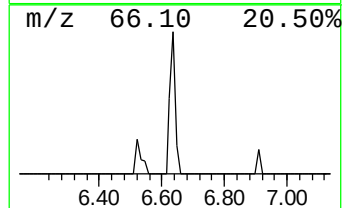
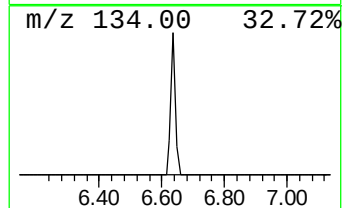
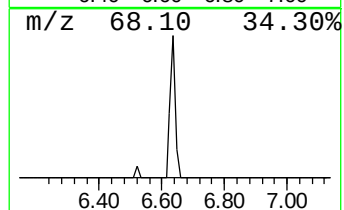
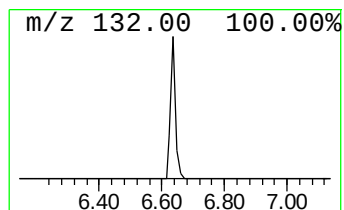
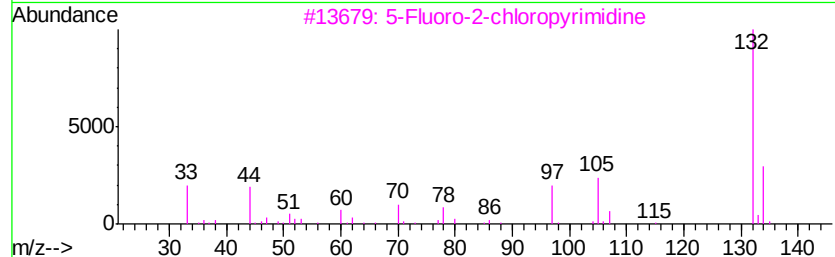
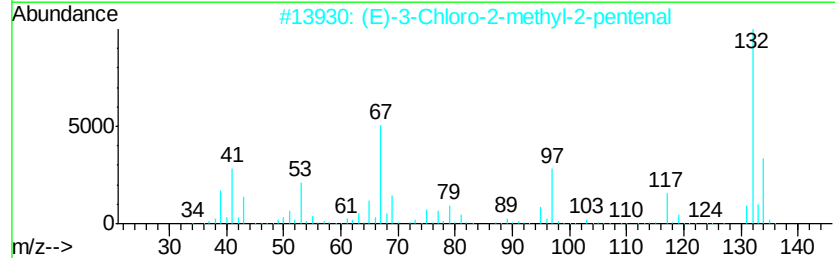
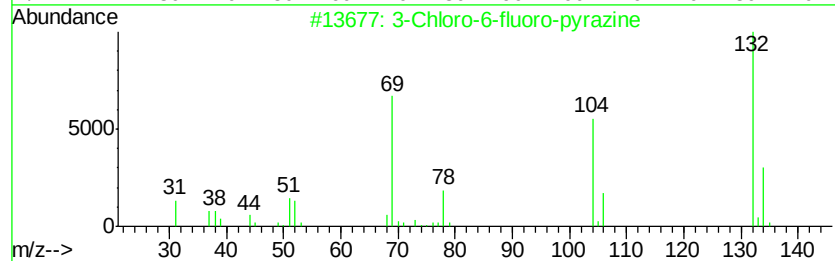
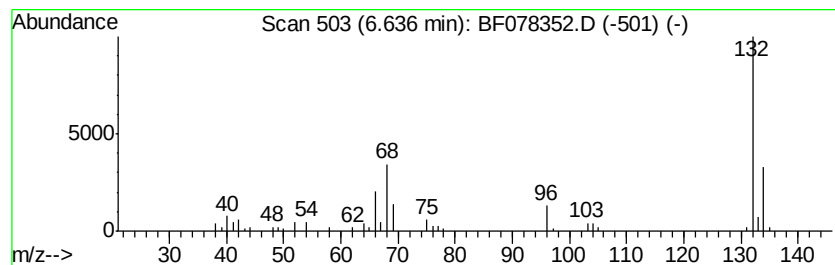
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.64 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	5.14 ng	63168	1,4-Dichlorobenzene-d4	6.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

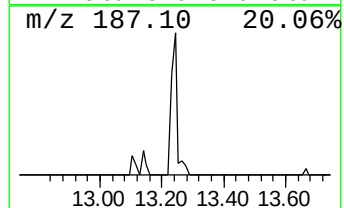
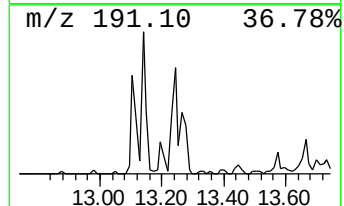
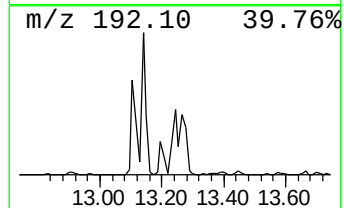
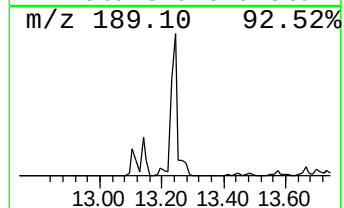
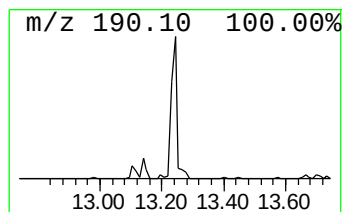
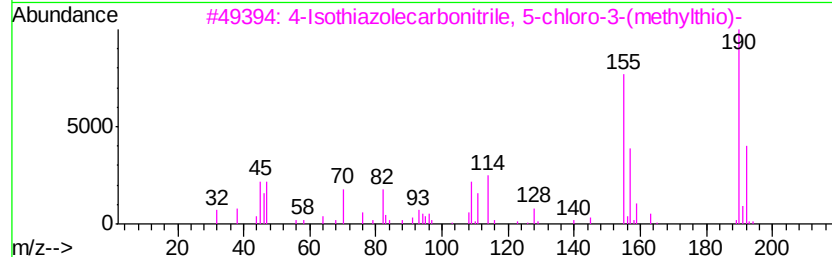
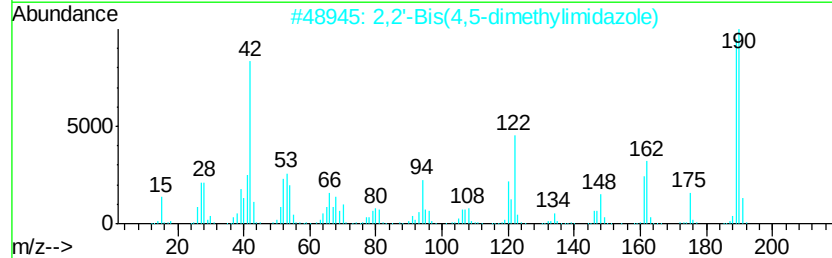
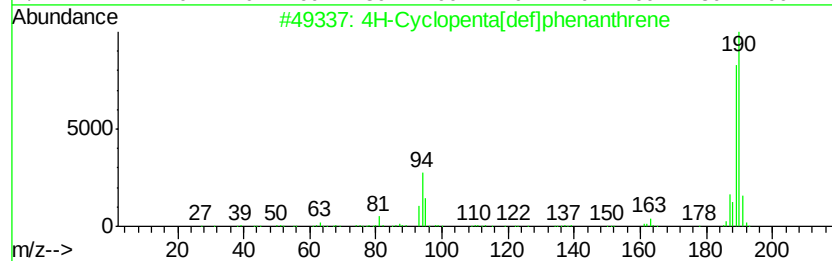
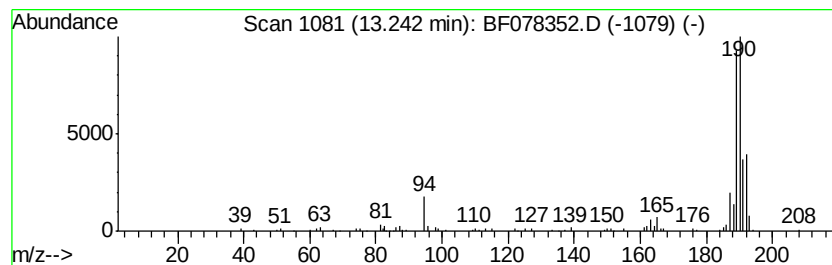
Instrument :
BNA_F
ClientSampleId :
DBOX

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 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	8.05 ng	202202	Phenanthrene-d10	12.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4-Fluoro-2-(trifluoromethyl)benz...	189	C8H3F4N	194853-86-6	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

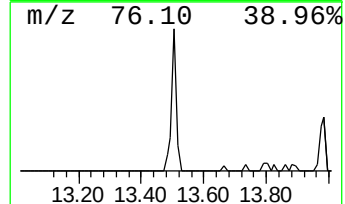
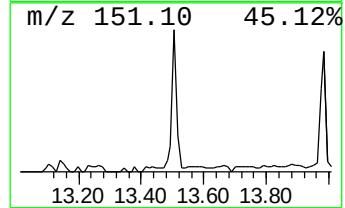
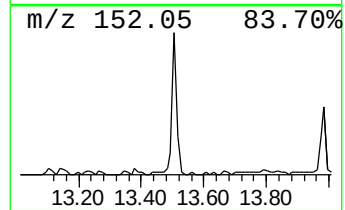
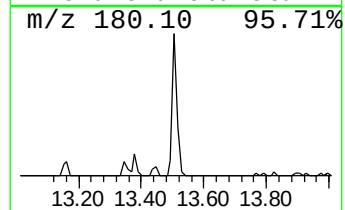
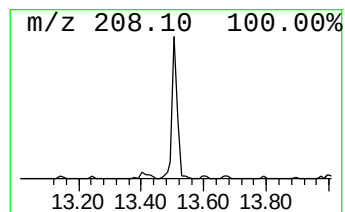
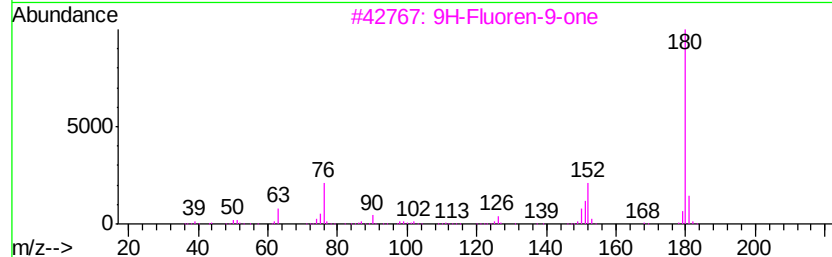
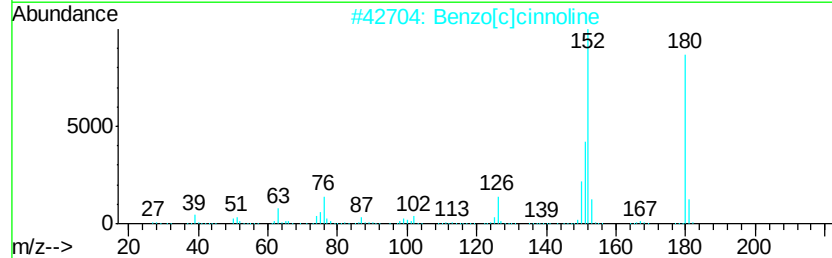
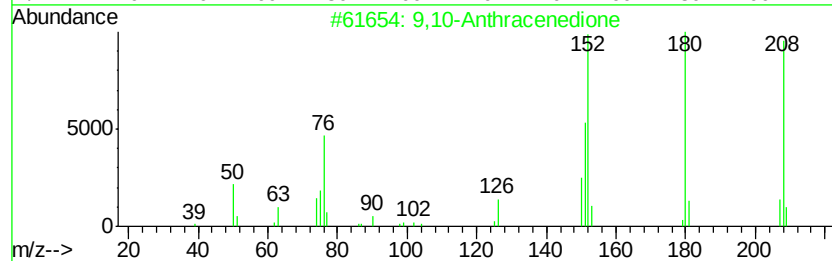
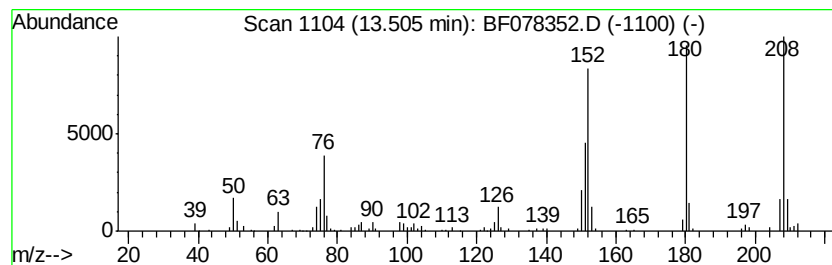
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	8.92 ng	224043	Phenanthrene-d10	12.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

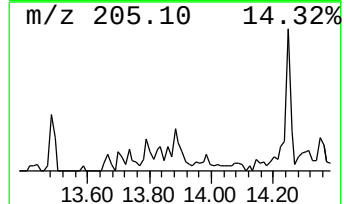
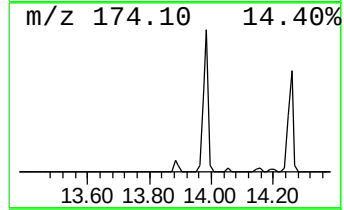
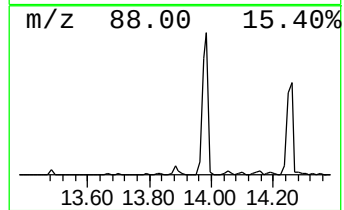
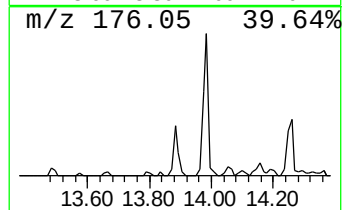
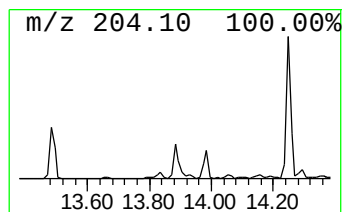
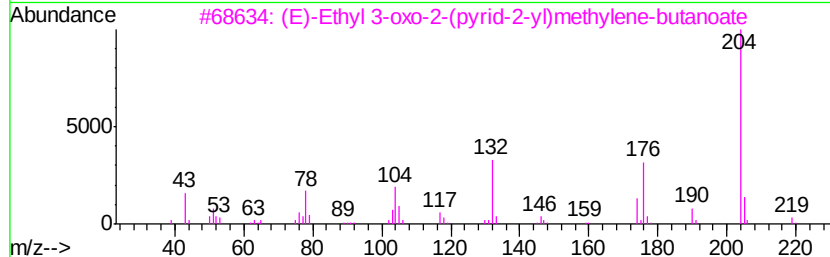
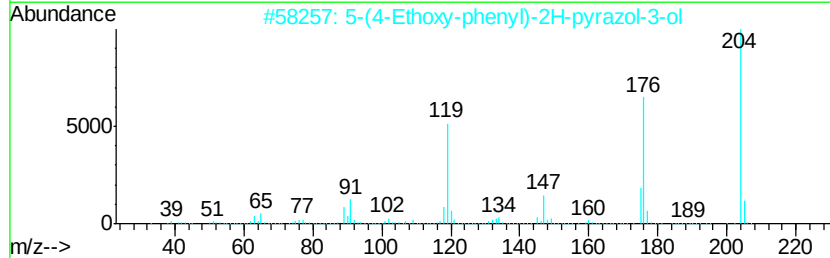
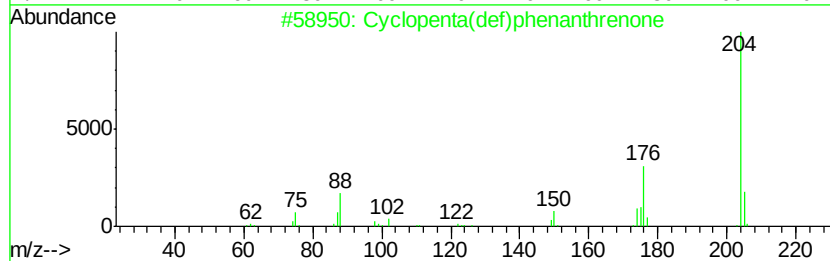
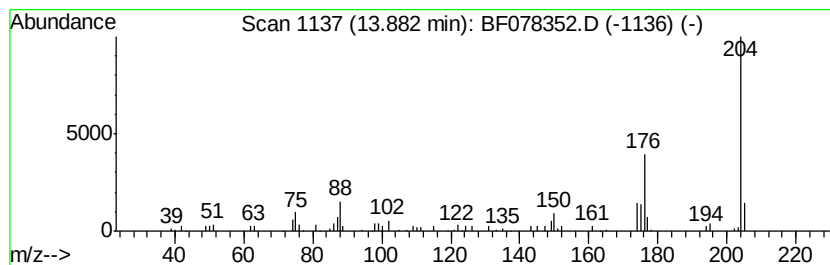
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	2.73 ng	68481	Phenanthrene-d10	12.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	64
3		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)methyl-4-oxo-2,3-dihydro-1H-pyridine-5-carboxylate	219	C12H13N3O3	1000147-59-7	50
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

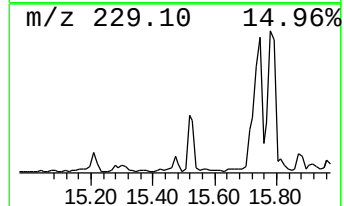
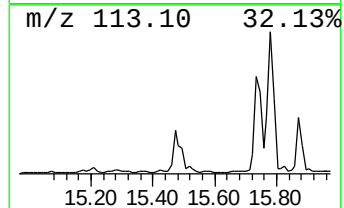
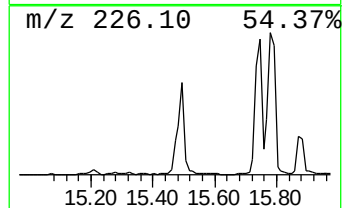
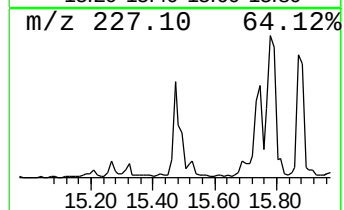
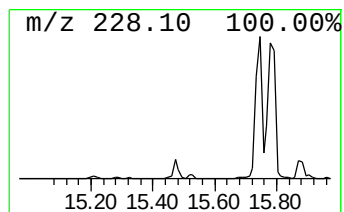
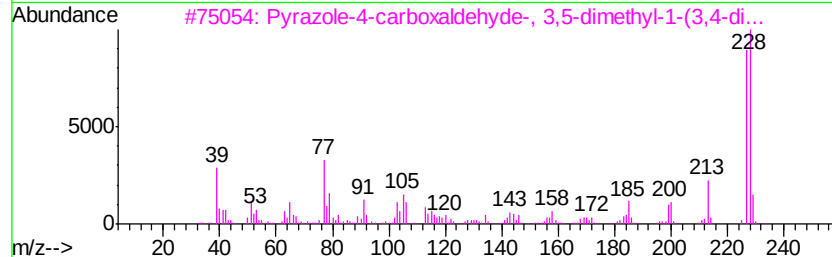
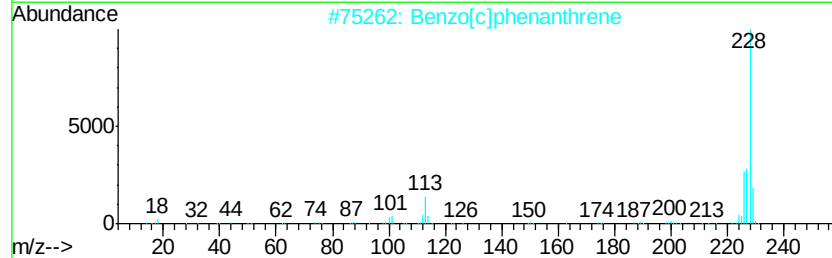
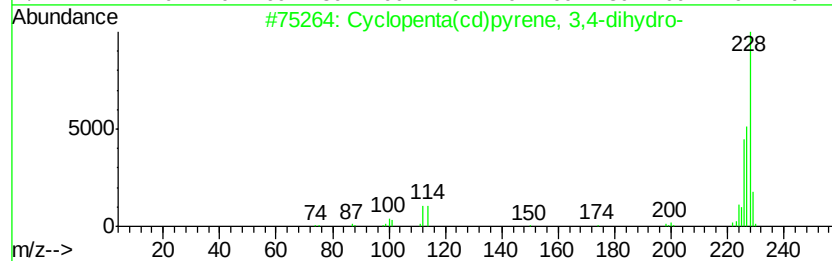
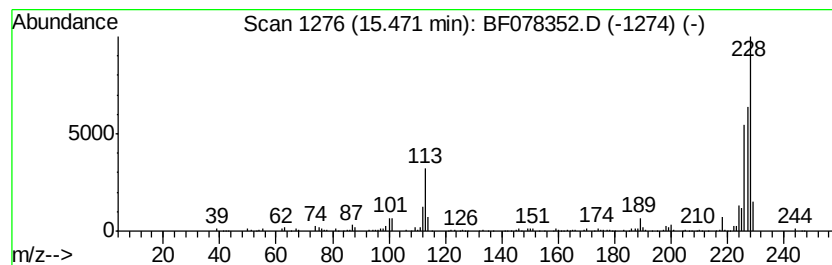
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	3.16 ng	289631	Chrysene-d12	15.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	70
3			Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
4			Benz[a]anthracene	228	C18H12	000056-55-3	45
5			Triphenylene	228	C18H12	000217-59-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

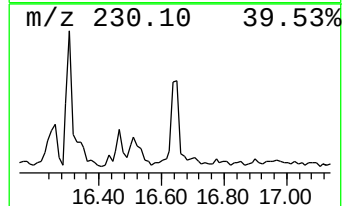
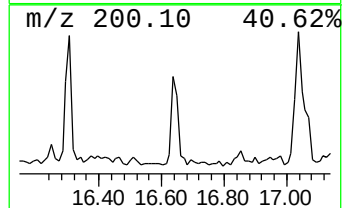
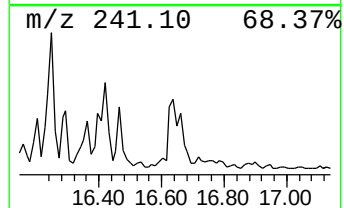
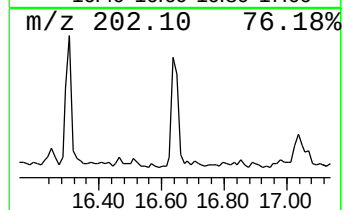
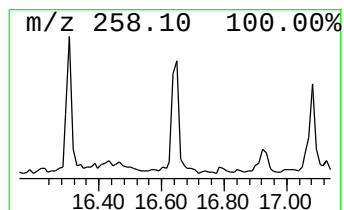
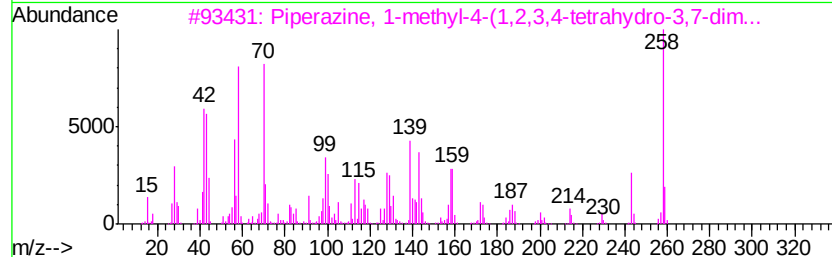
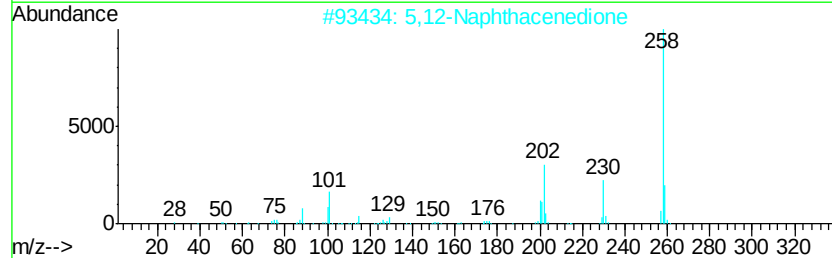
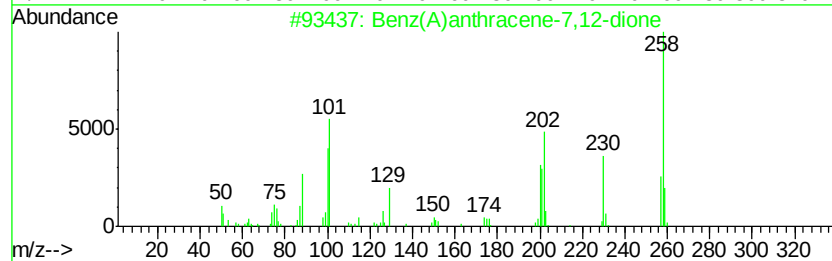
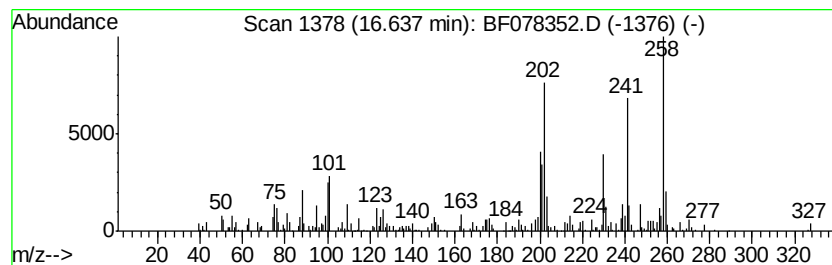
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz(A)anthracene-7,12-dione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	6.22 ng	149376	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
2			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	89
3			Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	64
4			Pyrene	202	C16H10	000129-00-0	51
5			1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

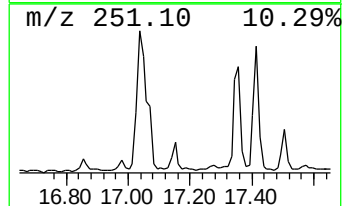
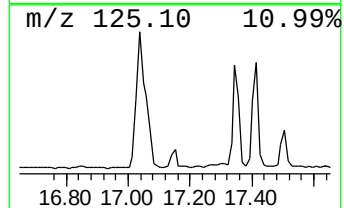
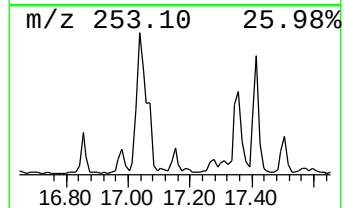
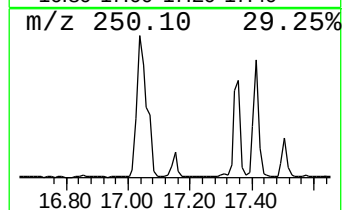
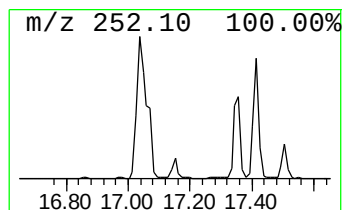
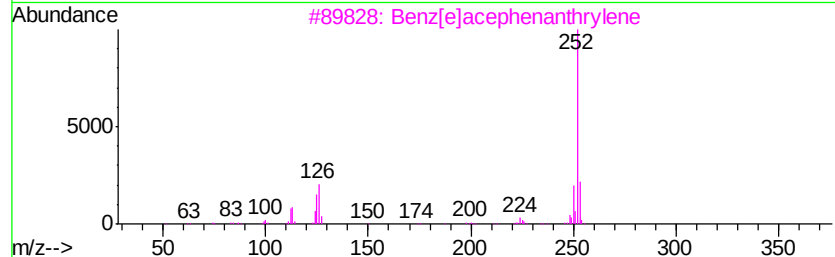
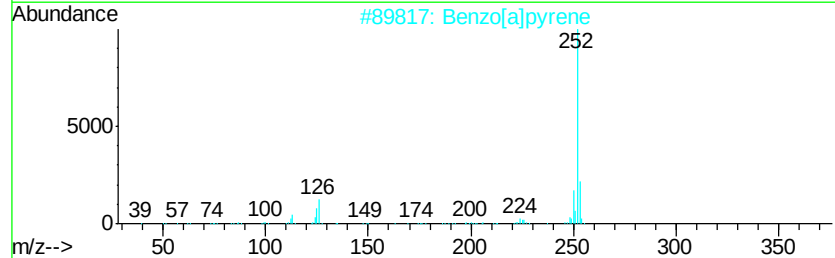
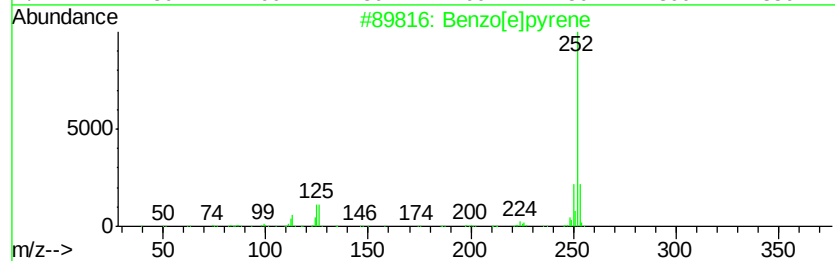
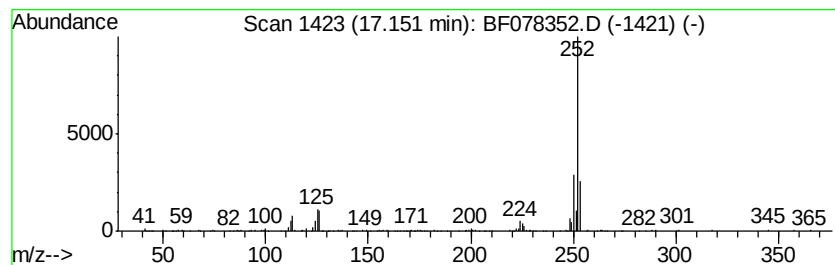
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	6.67 ng	160127	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

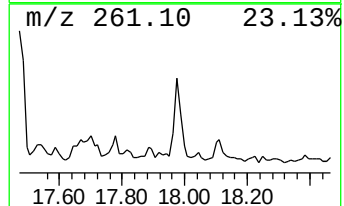
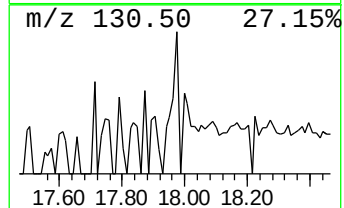
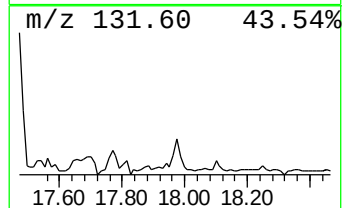
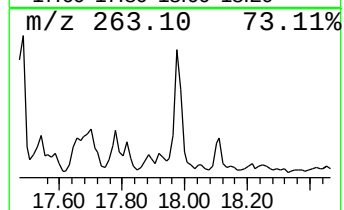
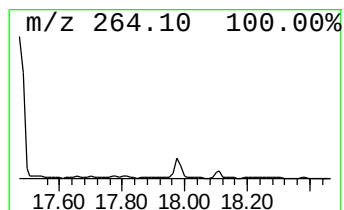
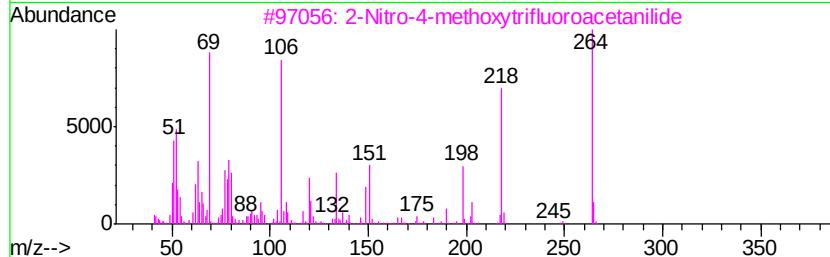
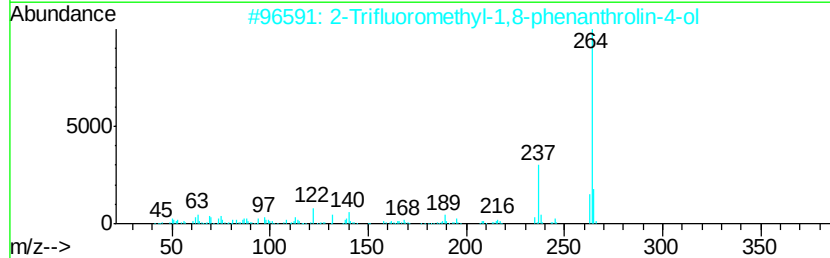
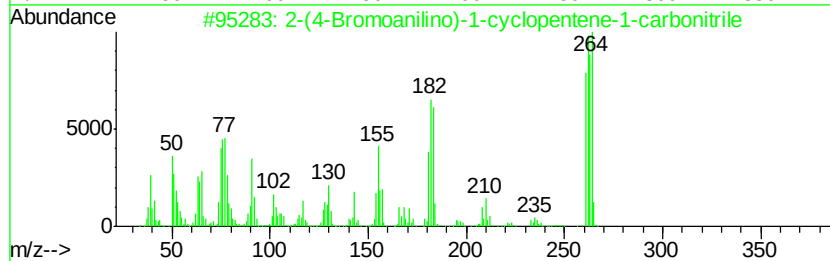
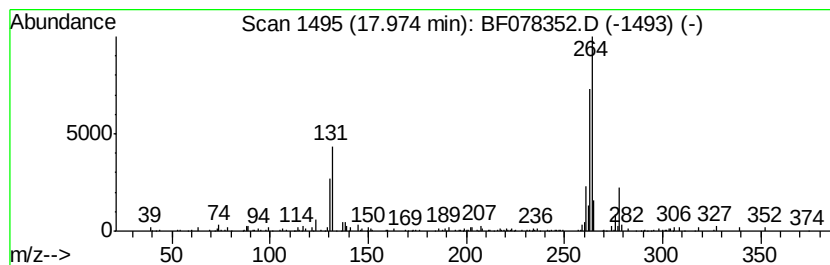
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown17.97 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.85 ng	92364	Perylene-d12	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-(4-Bromoanilino)-1-cyclopenten...	262	C12H11BrN2	191980-05-9	32
2			2-Trifluoromethyl-1,8-phenanthro...	264	C13H7F3N2O	1000255-81-8	27
3			2-Nitro-4-methoxytrifluoroacetan...	264	C9H7F3N2O4	128691-93-0	22
4			3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	14
5			Quinolin-2(1H)-one, 3-benzyl-1-m...	419	C24H21N04S	110216-94-9	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

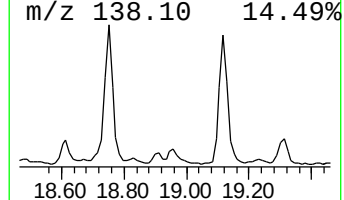
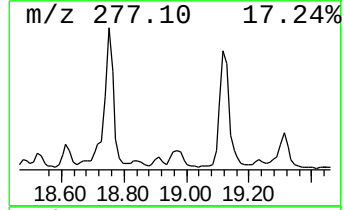
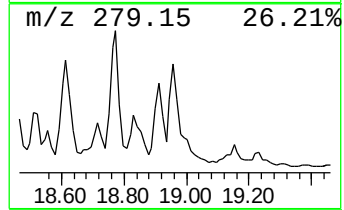
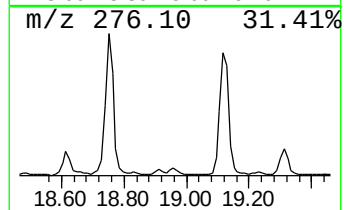
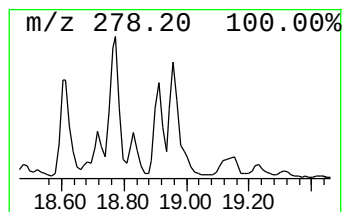
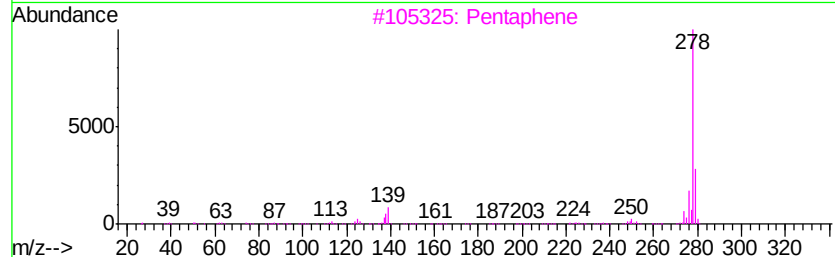
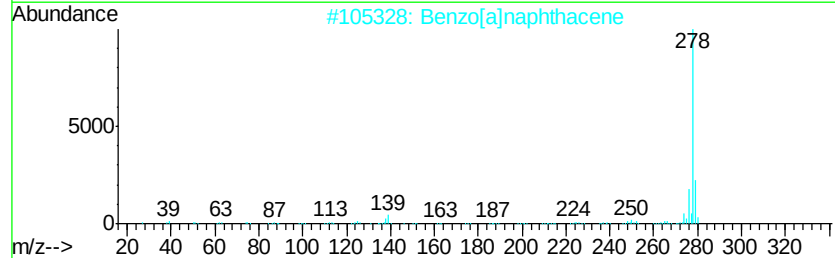
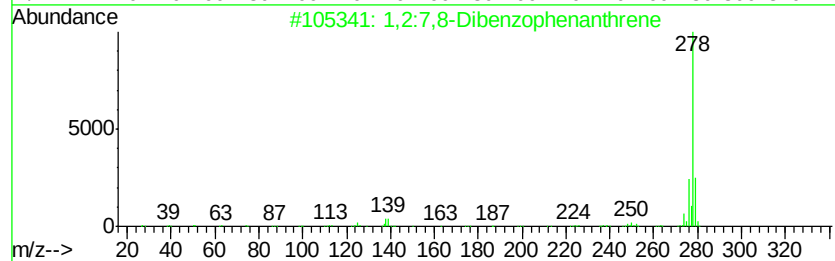
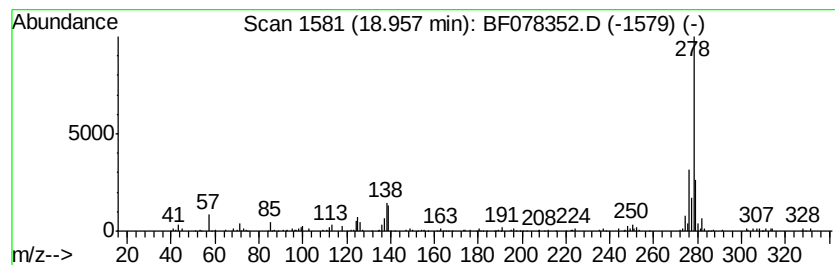
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	6.44 ng	154684	Perylene-d12	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	97
2		Benzo[a]naphthacene	278	C22H14	000226-88-0	96
3		Pentaphene	278	C22H14	000222-93-5	94
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	94
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

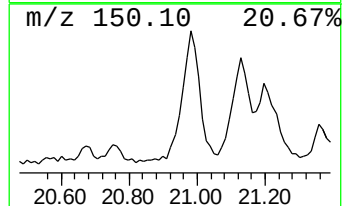
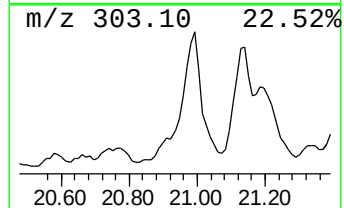
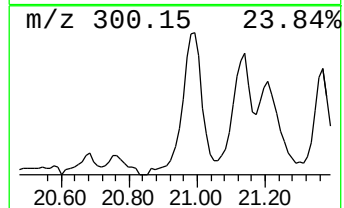
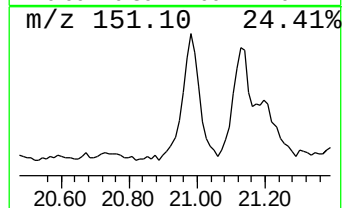
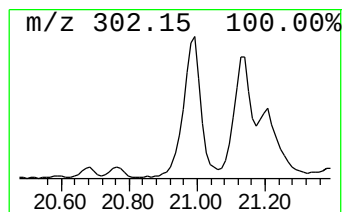
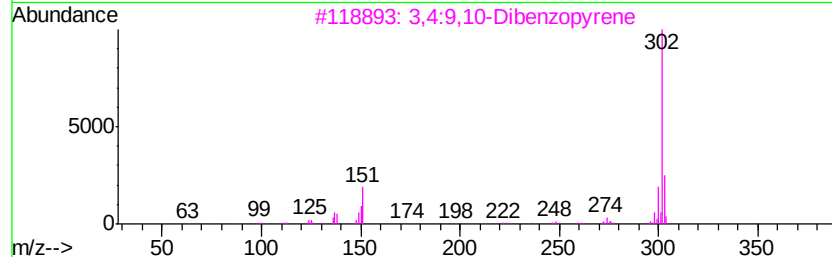
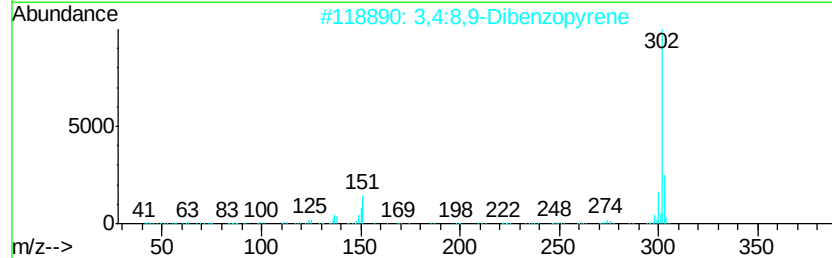
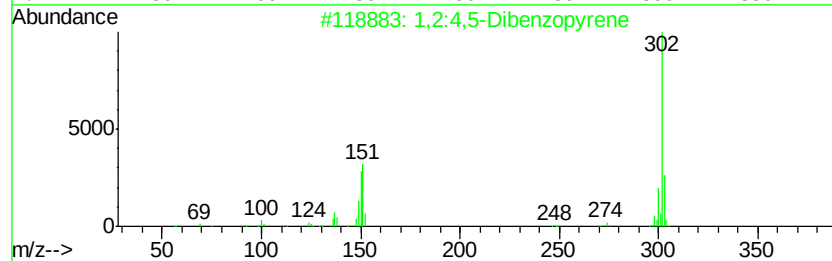
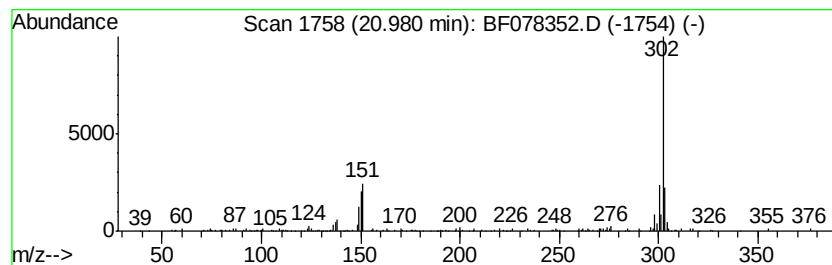
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	16.02 ng	384778	Perylene-d12	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	91
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

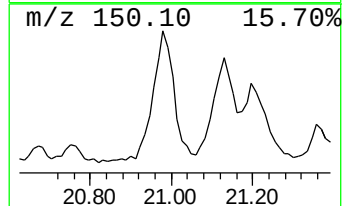
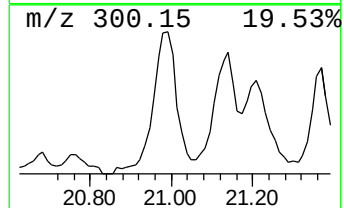
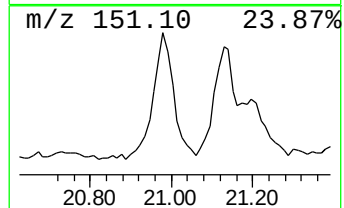
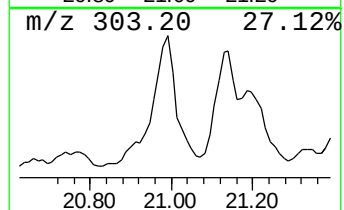
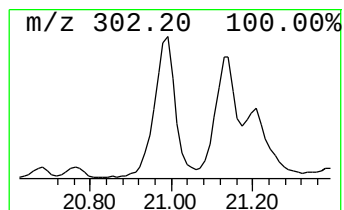
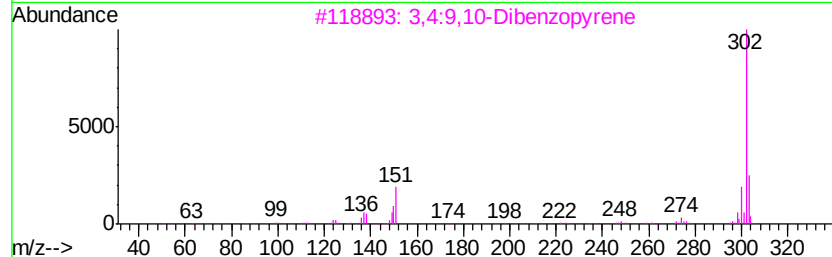
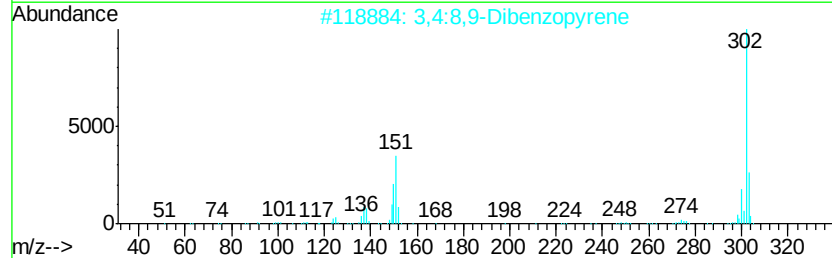
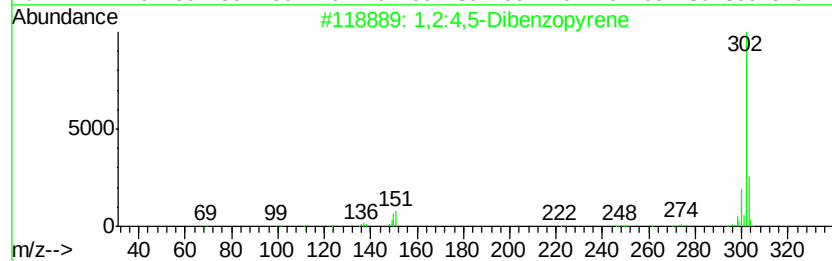
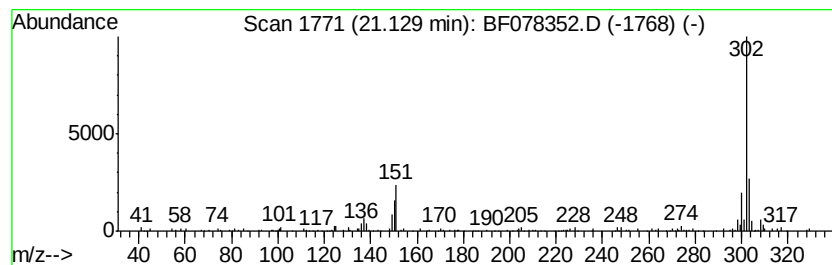
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	7.21 ng	173063	Perylene-d12	17.47

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	94
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
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\BF040815\
Data File : BF078352.D
Acq On : 8 Apr 2015 23:53
Operator : TP/IZ
Sample : G1794-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DBOX

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
unknown6.64	6.64	5.1 ng		63168	1	6.91	245637	20.0
4H-Cyclopenta[def...	13.24	8.1 ng		202202	4	12.48	502230	20.0
9,10-Anthracenedione	13.51	8.9 ng		224043	4	12.48	502230	20.0
Cyclopenta(def)ph...	13.88	2.7 ng		68481	4	12.48	502230	20.0
Cyclopenta(cd)pyr...	15.47	3.2 ng		289631	5	15.76	1835430	20.0
Benz(A)anthracene...	16.64	6.2 ng		149376	6	17.47	480314	20.0
Benzo[e]pyrene	17.15	6.7 ng		160127	6	17.47	480314	20.0
unknown17.97	17.97	3.9 ng		92364	6	17.47	480314	20.0
1,2:7,8-Dibenzoph...	18.96	6.4 ng		154684	6	17.47	480314	20.0
1,2:4,5-Dibenzopy...	20.98	16.0 ng		384778	6	17.47	480314	20.0
3,4:8,9-Dibenzopy...	21.13	7.2 ng		173063	6	17.47	480314	20.0