

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078582.D
 Acq On : 16 Apr 2015 23:09
 Operator : TP/IZ
 Sample : G1854-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB102

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	1.450	22	23	28	rVB	5533	8389	1.82%	0.179%
2	1.541	28	31	46	rVB	200770	461346	100.00%	9.847%
3	4.296	269	272	277	rVB	3798	7256	1.57%	0.155%
4	4.924	325	327	331	rBV	41132	67978	14.73%	1.451%
5	6.307	446	448	452	rBV	65461	74155	16.07%	1.583%
6	6.410	455	457	459	rBV	56489	80656	17.48%	1.721%
7	6.684	479	481	484	rVB	121614	140428	30.44%	2.997%
8	6.879	496	498	500	rVB	49024	64524	13.99%	1.377%
9	7.393	541	543	546	rBV	49468	46520	10.08%	0.993%
10	8.273	618	620	622	rBV	229806	226693	49.14%	4.838%
11	9.622	736	738	740	rBV	117170	109189	23.67%	2.330%
12	10.136	781	783	784	rBV	13154	10075	2.18%	0.215%
13	10.250	791	793	796	rVB	10430	10581	2.29%	0.226%
14	10.422	806	808	811	rBV	270979	269627	58.44%	5.755%
15	10.685	828	831	833	rBV	2966	5161	1.12%	0.110%
16	11.039	860	862	866	rBV2	4668	5699	1.24%	0.122%
17	11.325	884	887	889	rBV	3443	5704	1.24%	0.122%
18	11.393	891	893	896	rBV2	53846	61838	13.40%	1.320%
19	11.633	911	914	917	rVB	5822	9969	2.16%	0.213%
20	12.011	945	947	949	rBV2	4213	4738	1.03%	0.101%
21	12.182	959	962	965	rBV	5851	7583	1.64%	0.162%
22	12.239	965	967	972	rVB2	259572	347359	75.29%	7.414%
23	12.331	973	975	978	rVB	17746	20737	4.49%	0.443%
24	12.559	993	995	1000	rBV3	17220	19301	4.18%	0.412%
25	12.708	1007	1008	1011	rBV	4218	6244	1.35%	0.133%
26	12.868	1021	1022	1024	rBV	9809	10191	2.21%	0.218%
27	12.902	1024	1025	1028	rVV	14694	13742	2.98%	0.293%
28	12.959	1028	1030	1031	rVV	7362	6809	1.48%	0.145%
29	12.994	1031	1033	1035	rVV	16157	21565	4.67%	0.460%
30	13.028	1035	1036	1039	rVB	9069	8730	1.89%	0.186%
31	13.222	1051	1053	1054	rBV2	3998	5103	1.11%	0.109%
32	13.245	1054	1055	1056	rBV	6664	5829	1.26%	0.124%
33	13.554	1080	1082	1084	rBV	10241	15438	3.35%	0.329%
34	13.645	1089	1090	1093	rVV3	4683	7577	1.64%	0.162%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078582.D
 Acq On : 16 Apr 2015 23:09
 Operator : TP/IZ
 Sample : G1854-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB102

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	13.725	1095	1097	1100	rVB	90758	127085	27.55%	2.712%
36	13.817	1103	1105	1107	rBV	3692	4726	1.02%	0.101%
37	13.908	1111	1113	1115	rBV	4372	5435	1.18%	0.116%
38	13.999	1119	1121	1123	rVV	134382	138199	29.96%	2.950%
39	14.079	1126	1128	1129	rVB2	4870	5401	1.17%	0.115%
40	14.114	1129	1131	1134	rBV	90978	116587	25.27%	2.488%
41	14.171	1134	1136	1137	rVV2	10859	17046	3.69%	0.364%
42	14.228	1140	1141	1144	rVV	113805	134385	29.13%	2.868%
43	14.297	1144	1147	1149	rVV	7203	11787	2.55%	0.252%
44	14.422	1153	1158	1160	rBV	15411	29703	6.44%	0.634%
45	14.502	1163	1165	1167	rBV	7206	10526	2.28%	0.225%
46	14.548	1167	1169	1172	rVV2	13420	19339	4.19%	0.413%
47	14.605	1172	1174	1177	rVV3	3979	6428	1.39%	0.137%
48	14.651	1177	1178	1180	rVB	7213	8916	1.93%	0.190%
49	14.697	1180	1182	1184	rBV	5445	6790	1.47%	0.145%
50	14.800	1189	1191	1194	rVB4	2999	5354	1.16%	0.114%
51	14.857	1194	1196	1199	rBV3	2466	7032	1.52%	0.150%
52	14.960	1201	1205	1206	rVV4	2968	6236	1.35%	0.133%
53	15.051	1209	1213	1217	rVB2	11750	24431	5.30%	0.521%
54	15.177	1222	1224	1226	rBV2	12220	15989	3.47%	0.341%
55	15.222	1226	1228	1231	rVB2	9740	16142	3.50%	0.345%
56	15.268	1231	1232	1234	rVB	5718	7411	1.61%	0.158%
57	15.314	1234	1236	1240	rVB	13099	19581	4.24%	0.418%
58	15.382	1240	1242	1244	rBV2	5218	9251	2.01%	0.197%
59	15.440	1244	1247	1249	rBV3	14692	36441	7.90%	0.778%
60	15.497	1249	1252	1253	rVV2	341783	455160	98.66%	9.715%
61	15.520	1253	1254	1257	rVB	63183	71333	15.46%	1.522%
62	15.611	1261	1262	1265	rVB	12173	15564	3.37%	0.332%
63	15.680	1265	1268	1270	rBV3	12974	23063	5.00%	0.492%
64	15.748	1272	1274	1276	rVB	12022	16377	3.55%	0.350%
65	15.794	1276	1278	1280	rBV	11539	21131	4.58%	0.451%
66	15.920	1285	1289	1290	rBV4	4700	12207	2.65%	0.261%
67	15.988	1292	1295	1297	rBV	18494	27861	6.04%	0.595%
68	16.034	1297	1299	1301	rVB	6121	9063	1.96%	0.193%
69	16.102	1301	1305	1307	rBV4	8405	20635	4.47%	0.440%
70	16.240	1315	1317	1321	rVB4	9684	22666	4.91%	0.484%
71	16.320	1321	1324	1325	rBV3	6033	12628	2.74%	0.270%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

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	16.571	1344	1346	1349	rBV3	7088	19232	4.17%	0.410%
73	16.628	1349	1351	1352	rVV	7065	7365	1.60%	0.157%
74	16.765	1360	1363	1368	rBV	95548	197103	42.72%	4.207%
75	16.880	1371	1373	1375	rVB	23287	31043	6.73%	0.663%
76	17.074	1388	1390	1393	rBV	59825	75261	16.31%	1.606%
77	17.131	1393	1395	1398	rVV	65101	96146	20.84%	2.052%
78	17.200	1398	1401	1406	rBV	311970	413921	89.72%	8.834%
79	18.400	1504	1506	1511	rVB2	54106	103291	22.39%	2.205%
80	18.731	1532	1535	1540	rVB	42223	77290	16.75%	1.650%

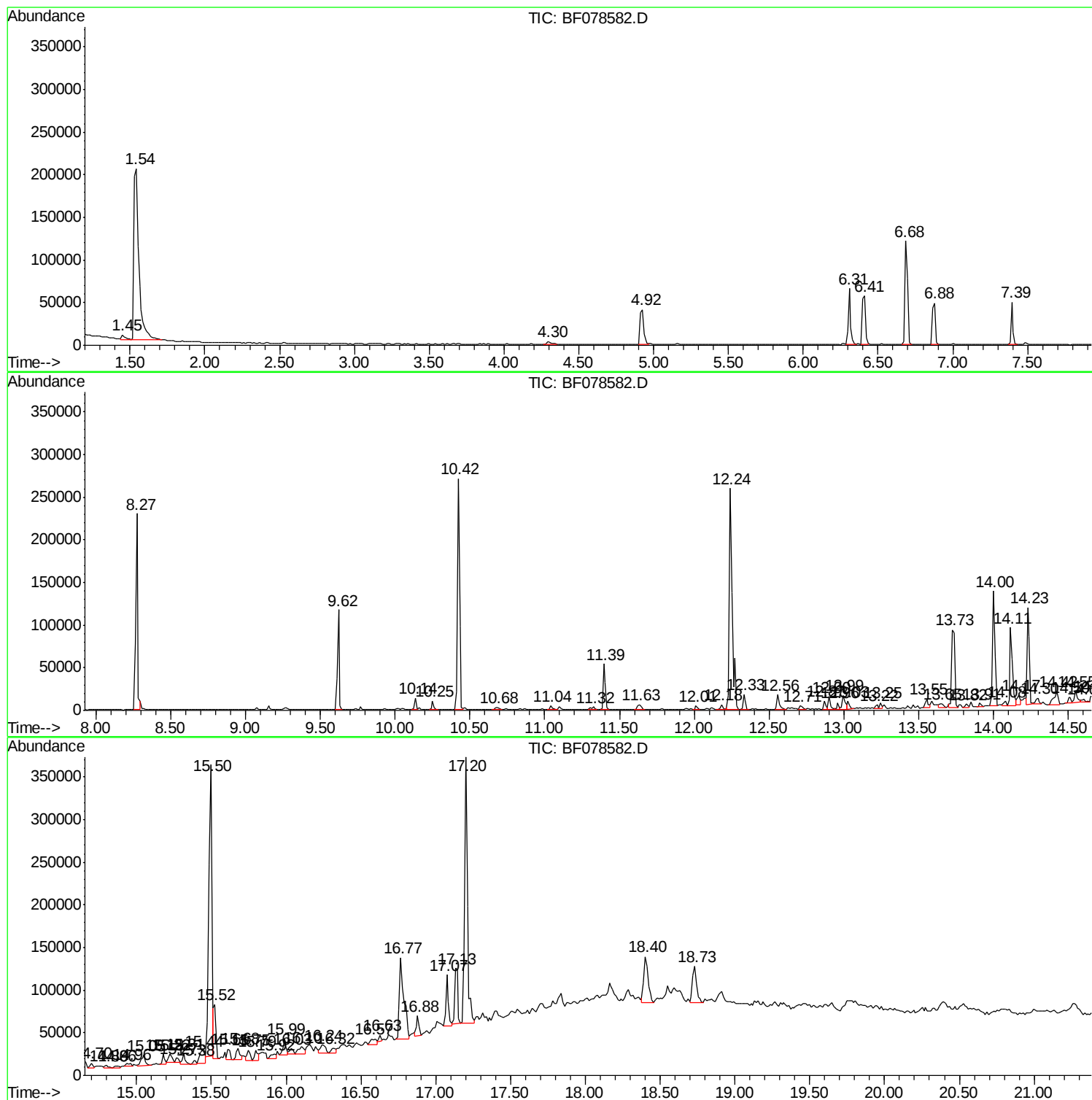
Sum of corrected areas: 4685295

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

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\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

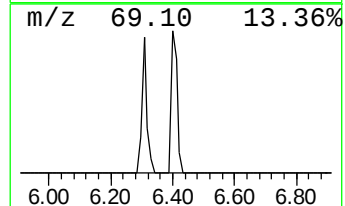
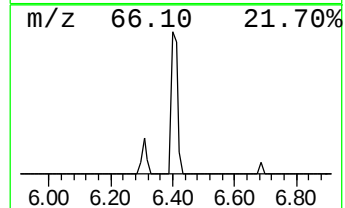
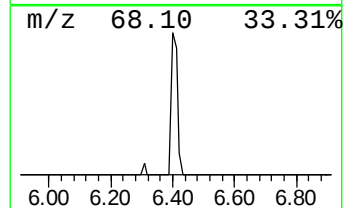
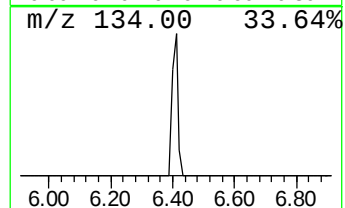
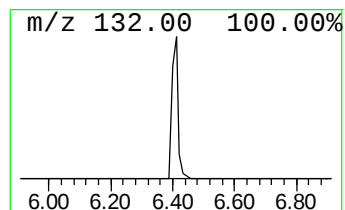
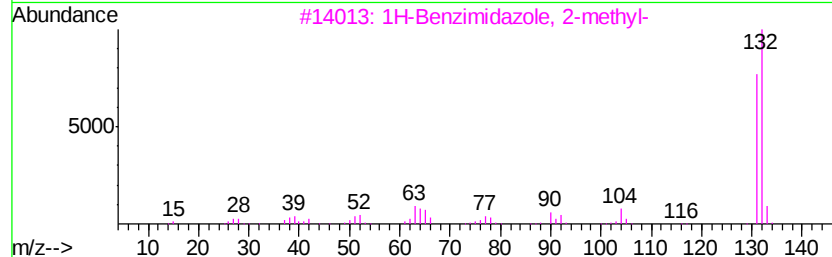
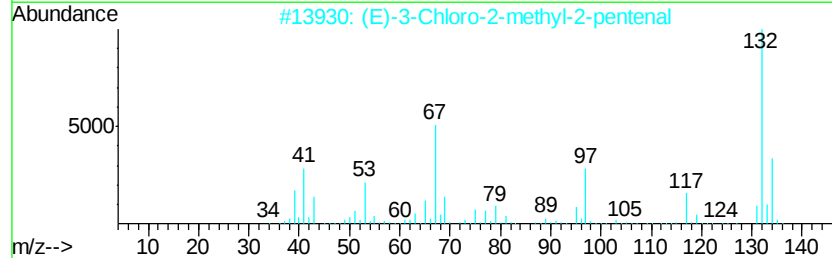
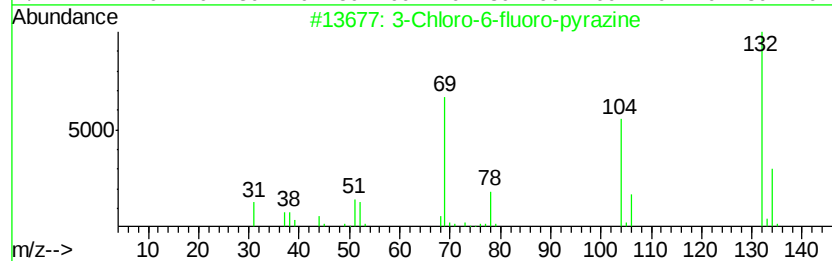
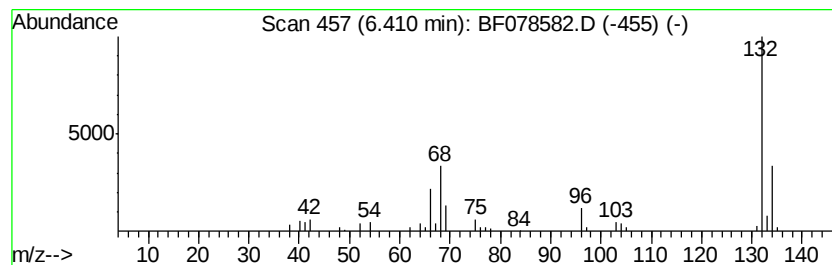
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.41 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	11.49 ng	80656	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

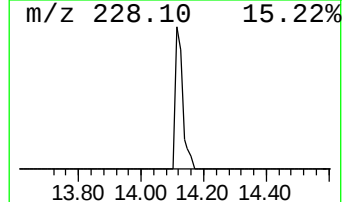
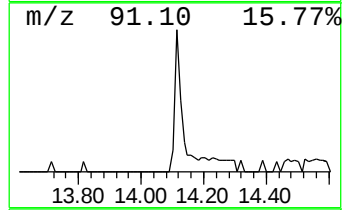
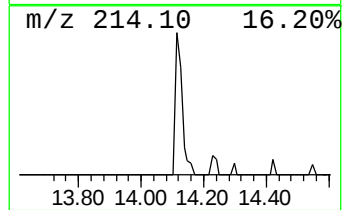
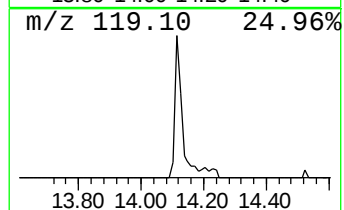
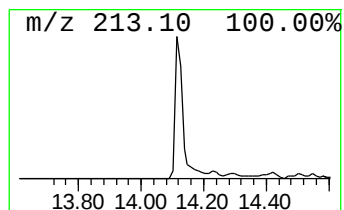
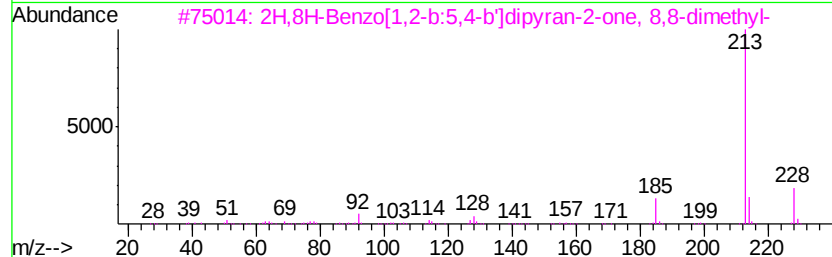
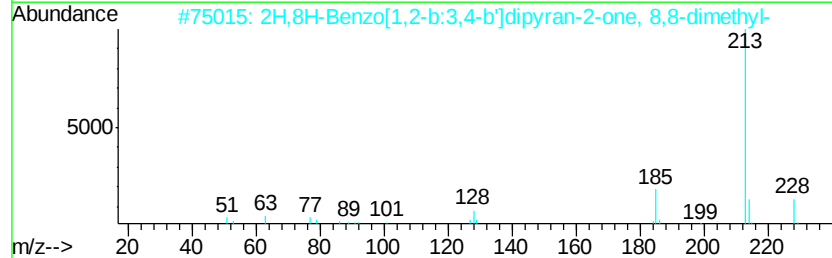
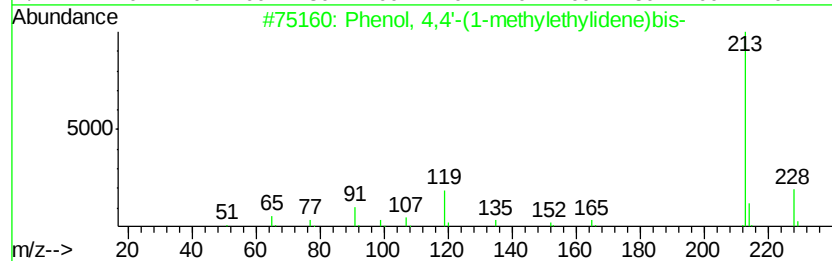
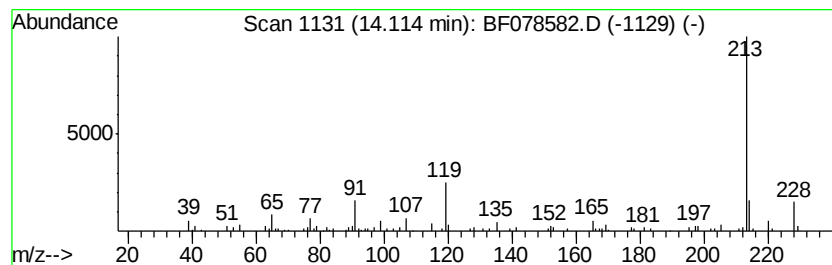
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	5.12 ng	116587	Chrysene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2		2H,8H-Benzo[1,2-b:3,4-b']dipyr...	228	C14H12O3	000523-59-1	58
3		2H,8H-Benzo[1,2-b:5,4-b']dipyr...	228	C14H12O3	000553-19-5	53
4		6-Bromo-2-(methylamino)tropone	213	C8H8BrNO	1000241-43-1	50
5		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078582.D
Acq On : 16 Apr 2015 23:09
Operator : TP/IZ
Sample : G1854-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB102

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
unknown6.41	6.41	11.5	ng	80656	1	6.68	140428	20.0
Phenol, 4,4'-(1-m...	14.11	5.1	ng	116587	5	15.50	455160	20.0