

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078508.D
 Acq On : 14 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G1828-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB06B

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	34	rBV	134149	217667	11.43%	0.850%
2	1.598	34	36	55	rVV	725986	1768134	92.87%	6.901%
3	1.838	55	57	73	rVB4	9820	40431	2.12%	0.158%
4	4.456	284	286	292	rBV	33429	50339	2.64%	0.196%
5	5.061	336	339	348	rBV	326952	416371	21.87%	1.625%
6	6.410	455	457	464	rBV	402733	471893	24.78%	1.842%
7	6.524	464	467	469	rBV	422645	474783	24.94%	1.853%
8	6.799	489	491	494	rBV	80302	98098	5.15%	0.383%
9	6.993	505	508	510	rBV	263627	343910	18.06%	1.342%
10	7.507	550	553	555	rBV	315552	294189	15.45%	1.148%
11	8.376	627	629	631	rBV	115410	158200	8.31%	0.617%
12	8.410	631	632	636	rVB	40595	41490	2.18%	0.162%
13	9.725	746	747	750	rVB	444536	583449	30.64%	2.277%
14	10.136	778	783	784	rBV	18969	33063	1.74%	0.129%
15	10.365	800	803	806	rBV	42252	45646	2.40%	0.178%
16	10.536	816	818	820	rVV	202077	207721	10.91%	0.811%
17	10.582	820	822	824	rVB	119406	126984	6.67%	0.496%
18	10.799	839	841	844	rVB2	40422	59213	3.11%	0.231%
19	11.211	875	877	880	rVB	121280	127498	6.70%	0.498%
20	11.416	893	895	899	rBV2	42371	66171	3.48%	0.258%
21	11.519	901	904	906	rBV	325441	434872	22.84%	1.697%
22	11.748	921	924	928	rBV	64885	102069	5.36%	0.398%
23	12.068	950	952	955	rBV3	19313	44312	2.33%	0.173%
24	12.136	955	958	961	rVB2	20552	34130	1.79%	0.133%
25	12.194	961	963	965	rBV	85288	102155	5.37%	0.399%
26	12.228	965	966	969	rVV	62759	70254	3.69%	0.274%
27	12.365	976	978	979	rBV	192007	236874	12.44%	0.924%
28	12.399	979	981	983	rVV	822763	1128519	59.27%	4.404%
29	12.456	983	986	988	rVB	227997	239236	12.57%	0.934%
30	12.502	988	990	993	rBV2	20288	34411	1.81%	0.134%
31	12.674	1003	1005	1007	rBV	89643	114573	6.02%	0.447%
32	12.994	1030	1033	1034	rBV	70278	98701	5.18%	0.385%
33	13.017	1034	1035	1038	rVB	104436	135997	7.14%	0.531%
34	13.085	1038	1041	1042	rBV	29971	43988	2.31%	0.172%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078508.D
 Acq On : 14 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G1828-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB06B

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	13.119	1042	1044	1046	rBV	259278	337848	17.74%	1.319%
36	13.279	1055	1058	1060	rVV2	20725	39158	2.06%	0.153%
37	13.325	1060	1062	1064	rVV	41289	50647	2.66%	0.198%
38	13.359	1064	1065	1070	rVB2	80959	175574	9.22%	0.685%
39	13.668	1090	1092	1094	rBV2	50053	74555	3.92%	0.291%
40	13.714	1094	1096	1097	rVV	29774	39461	2.07%	0.154%
41	13.771	1099	1101	1103	rVV2	24296	42973	2.26%	0.168%
42	13.805	1103	1104	1106	rVB	31180	35027	1.84%	0.137%
43	13.862	1106	1109	1111	rBV	1725218	1903981	100.00%	7.431%
44	13.908	1111	1113	1114	rVV2	42556	55580	2.92%	0.217%
45	13.965	1117	1118	1122	rVB	21174	36386	1.91%	0.142%
46	14.034	1122	1124	1129	rBV	79254	114898	6.03%	0.448%
47	14.137	1129	1133	1135	rBV	1219638	1812681	95.20%	7.075%
48	14.205	1137	1139	1140	rVV	38912	47176	2.48%	0.184%
49	14.240	1140	1142	1144	rVV	251596	299851	15.75%	1.170%
50	14.297	1144	1147	1148	rVV2	64875	92528	4.86%	0.361%
51	14.354	1148	1152	1154	rVB	782829	833426	43.77%	3.253%
52	14.422	1154	1158	1159	rBV2	57489	105174	5.52%	0.410%
53	14.548	1162	1169	1171	rVB	206371	383857	20.16%	1.498%
54	14.628	1174	1176	1178	rBV	192496	213335	11.20%	0.833%
55	14.674	1178	1180	1181	rBV2	110110	140146	7.36%	0.547%
56	14.777	1188	1189	1191	rVB	55481	58315	3.06%	0.228%
57	14.822	1191	1193	1196	rBV	42551	79577	4.18%	0.311%
58	15.051	1211	1213	1214	rVV	28052	41124	2.16%	0.161%
59	15.085	1214	1216	1218	rVB	58344	75716	3.98%	0.296%
60	15.177	1218	1224	1227	rBV3	68505	165652	8.70%	0.647%
61	15.302	1232	1235	1237	rBV	124458	158628	8.33%	0.619%
62	15.360	1237	1240	1242	rVV2	93710	200397	10.53%	0.782%
63	15.394	1242	1243	1245	rVB2	76668	89574	4.70%	0.350%
64	15.440	1245	1247	1250	rVB	42270	59496	3.12%	0.232%
65	15.542	1251	1256	1258	rBV3	101485	204726	10.75%	0.799%
66	15.611	1259	1262	1264	rVV2	683715	1155330	60.68%	4.509%
67	15.657	1264	1266	1268	rVV	691244	801474	42.09%	3.128%
68	15.691	1268	1269	1271	rVB	49227	45437	2.39%	0.177%
69	15.748	1271	1274	1275	rBV	135786	188727	9.91%	0.737%
70	15.783	1275	1277	1283	rBV6	33371	71845	3.77%	0.280%
71	15.874	1283	1285	1287	rVB2	98434	114368	6.01%	0.446%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078508.D
 Acq On : 14 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G1828-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB06B

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

72	15.920	1287	1289	1291	rBV	67555	98268	5.16%	0.384%
73	16.068	1300	1302	1303	rVV2	33140	47602	2.50%	0.186%
74	16.114	1303	1306	1308	rVV	118660	190691	10.02%	0.744%
75	16.160	1308	1310	1312	rVV2	59178	114120	5.99%	0.445%
76	16.228	1313	1316	1317	rVV2	62256	125332	6.58%	0.489%
77	16.285	1319	1321	1323	rVV2	93355	138792	7.29%	0.542%
78	16.320	1323	1324	1328	rVV3	42258	116007	6.09%	0.453%
79	16.377	1328	1329	1332	rVB2	49448	50355	2.64%	0.197%
80	16.503	1337	1340	1343	rBV3	36693	81772	4.29%	0.319%
81	16.720	1355	1359	1361	rBV3	36087	95509	5.02%	0.373%
82	16.891	1371	1374	1379	rBV	678470	1496576	78.60%	5.841%
83	17.005	1380	1384	1386	rVB2	122807	182558	9.59%	0.713%
84	17.051	1386	1388	1389	rBV2	25026	40827	2.14%	0.159%
85	17.120	1391	1394	1396	rBV2	44484	97125	5.10%	0.379%
86	17.200	1398	1401	1404	rVV	420908	517260	27.17%	2.019%
87	17.257	1404	1406	1409	rVB	487357	661529	34.74%	2.582%
88	17.326	1409	1412	1413	rBV	204463	279047	14.66%	1.089%
89	17.348	1413	1414	1416	rVB	154041	159653	8.39%	0.623%
90	17.497	1424	1427	1428	rBV2	49476	88658	4.66%	0.346%
91	17.623	1434	1438	1440	rBV2	40242	106466	5.59%	0.416%
92	17.806	1452	1454	1457	rVB2	37410	58259	3.06%	0.227%
93	18.411	1504	1507	1510	rBV3	82756	179592	9.43%	0.701%
94	18.549	1516	1519	1523	rVB2	300411	550020	28.89%	2.147%
95	18.697	1529	1532	1534	rBV	56264	121435	6.38%	0.474%
96	18.743	1534	1536	1544	rVV5	76708	254534	13.37%	0.993%
97	18.891	1546	1549	1556	rVB	275754	524805	27.56%	2.048%
98	19.074	1563	1565	1571	rVB	85988	177616	9.33%	0.693%
99	20.652	1699	1703	1709	rVB	63357	186933	9.82%	0.730%
100	20.789	1712	1715	1718	rVV	38734	90664	4.76%	0.354%

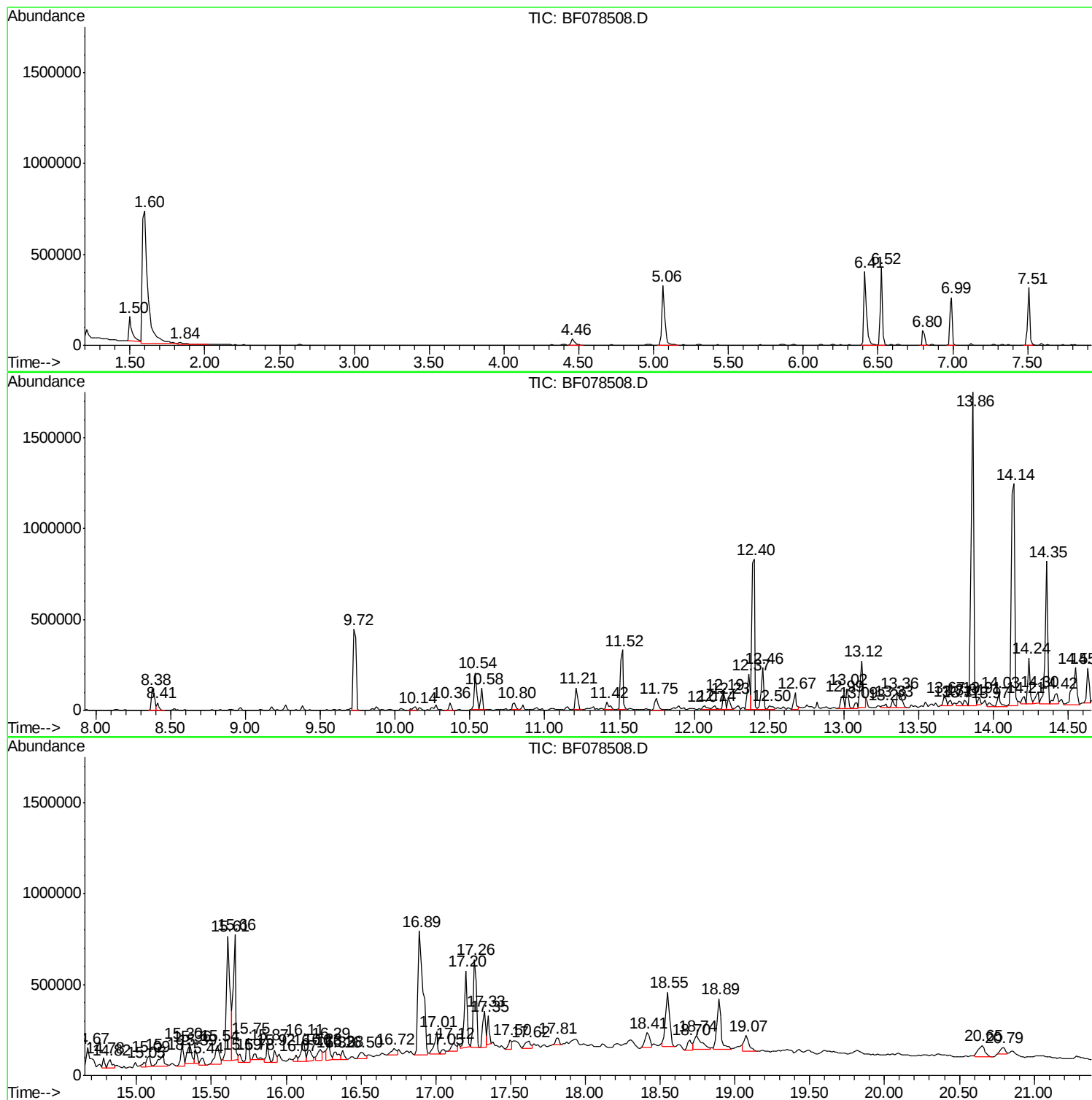
Sum of corrected areas: 25621994

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

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\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

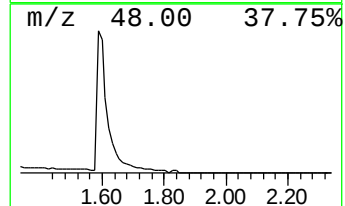
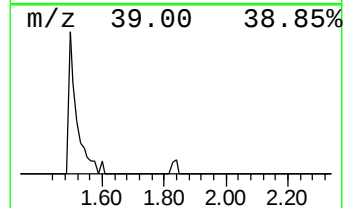
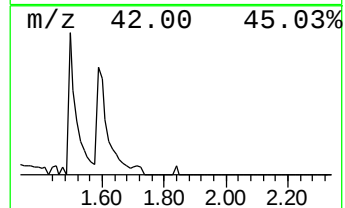
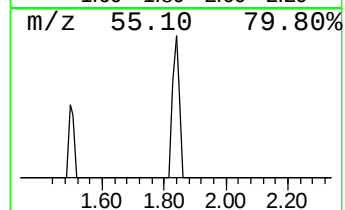
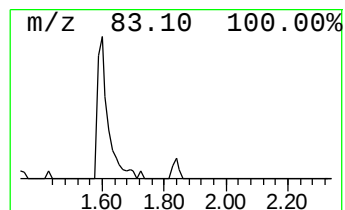
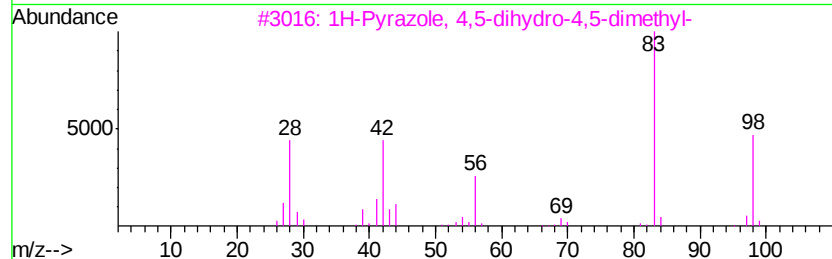
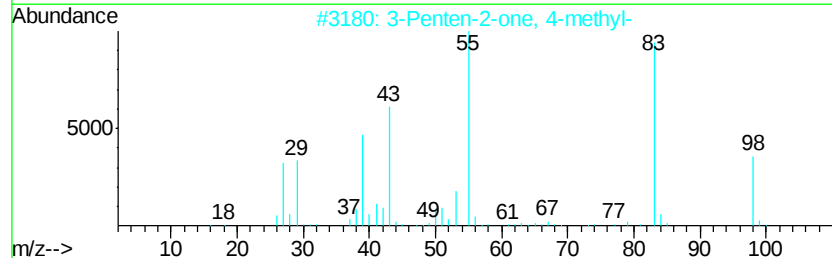
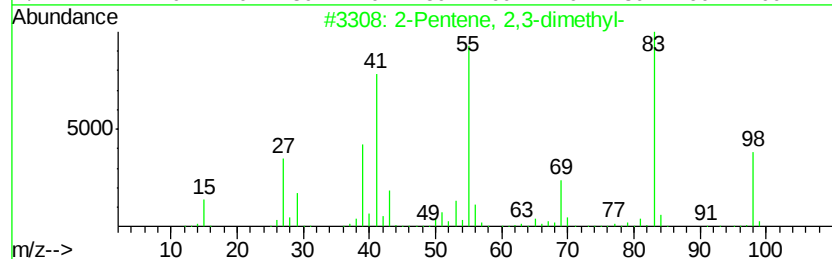
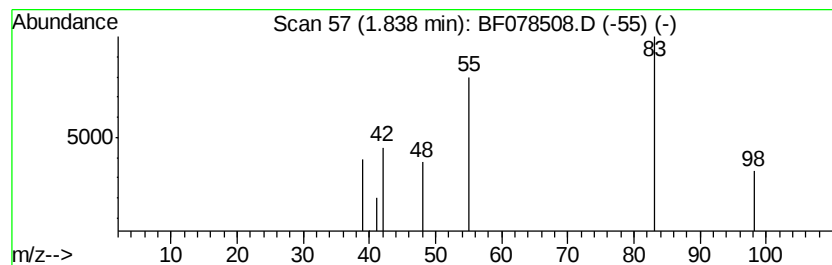
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	8.24 ng	40431	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	50
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	40
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	9
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	9
5			Cyclohexanone	98	C6H10O	000108-94-1	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

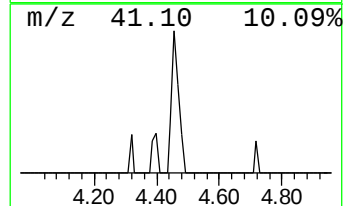
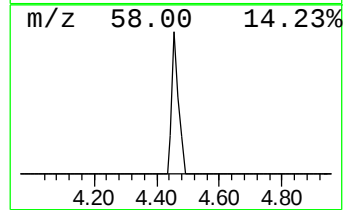
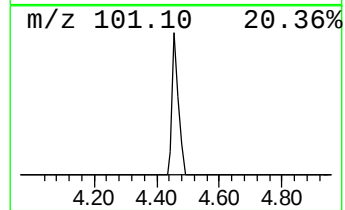
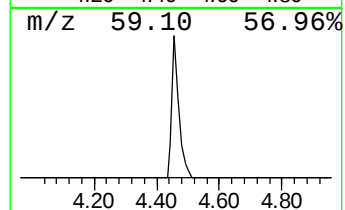
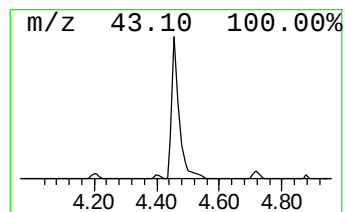
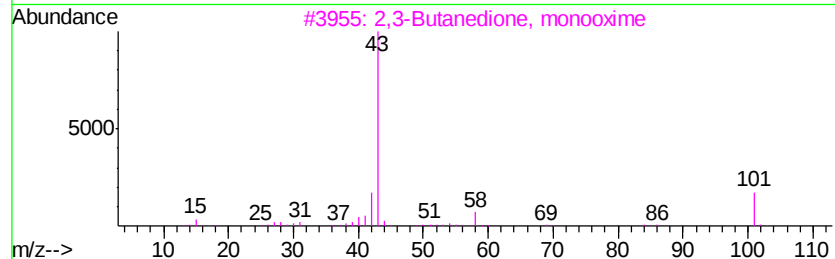
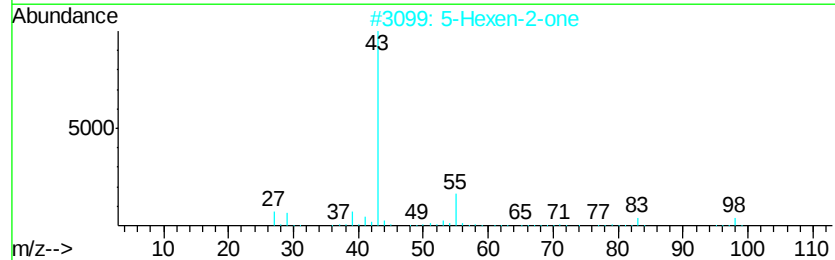
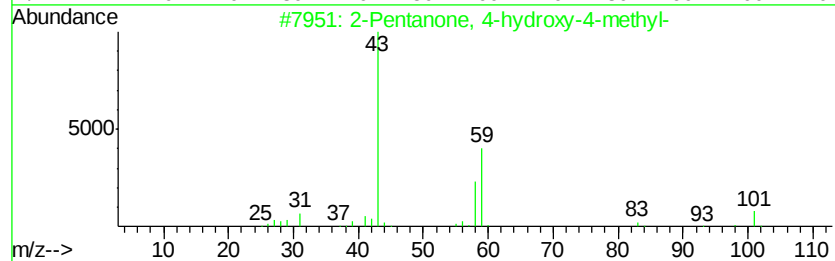
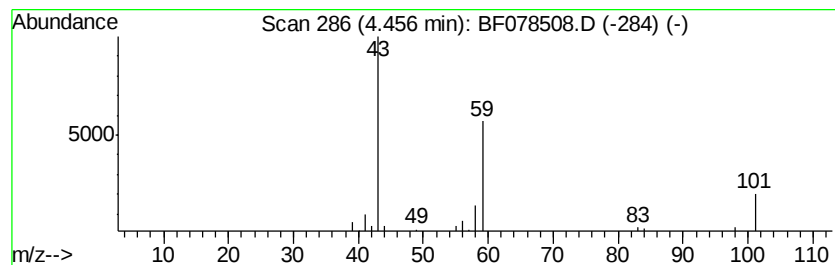
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	10.26 ng	50339	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

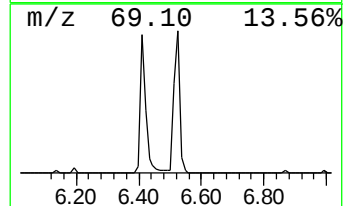
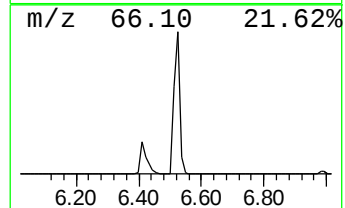
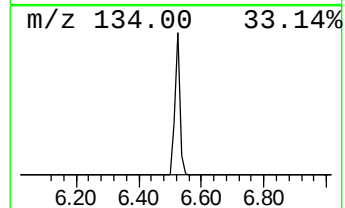
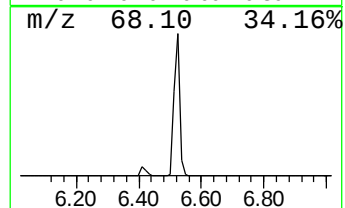
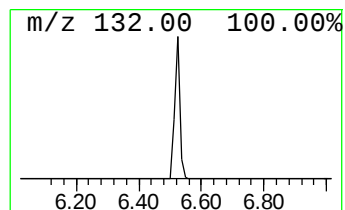
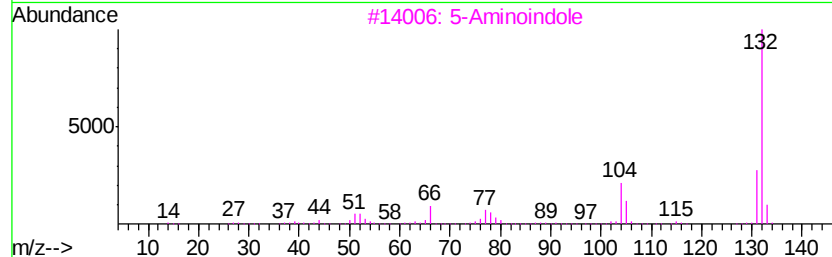
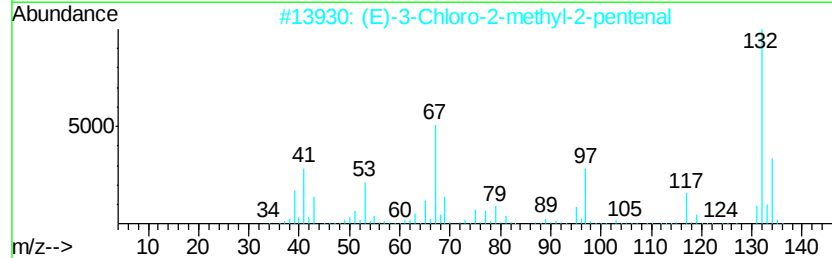
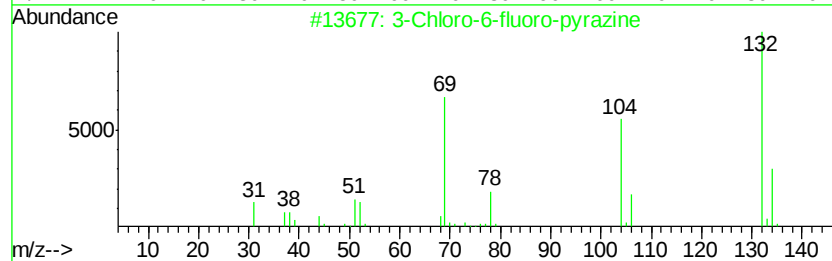
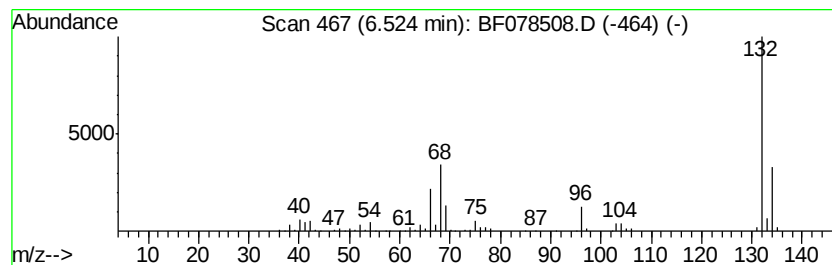
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	96.80 ng	474783	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	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

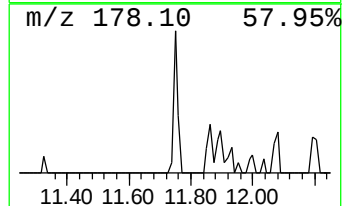
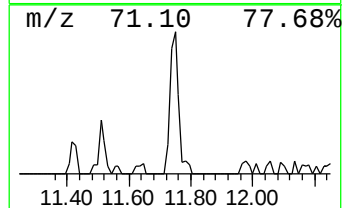
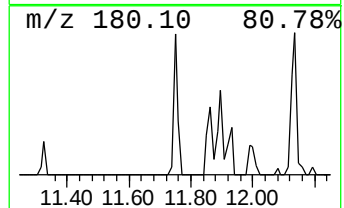
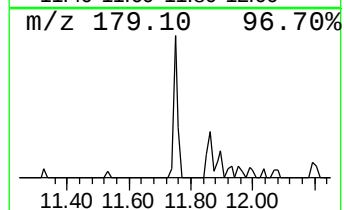
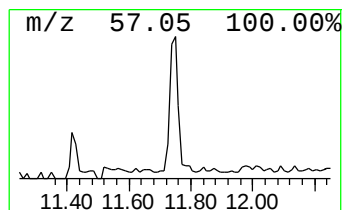
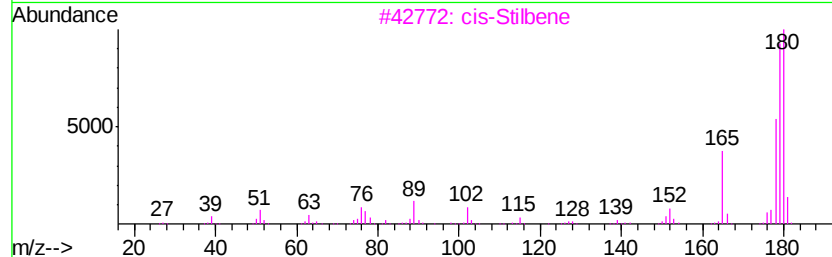
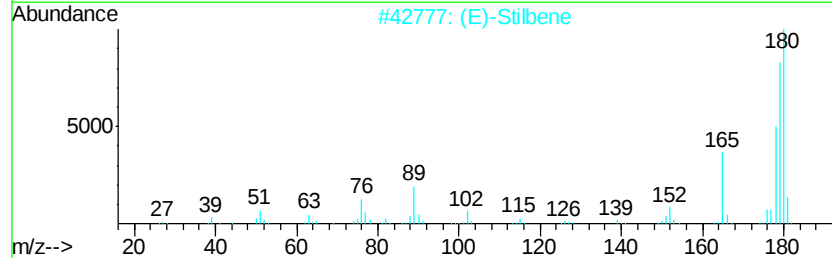
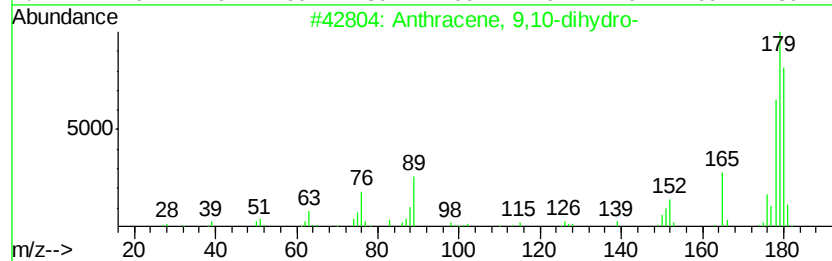
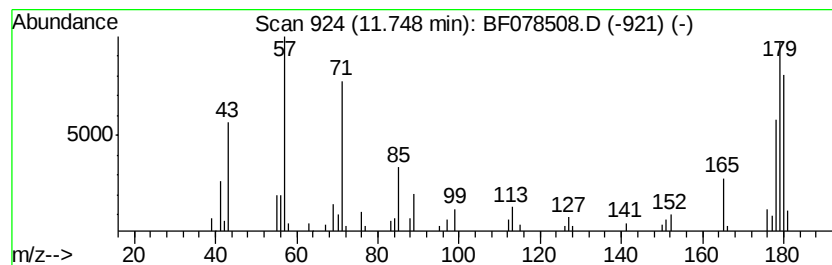
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9,10-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	8.62 ng	102069	Phenanthrene-d10	12.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	91
2			(E)-Stilbene	180	C14H12	000103-30-0	53
3			cis-Stilbene	180	C14H12	000645-49-8	49
4			1,3,5,7-Cyclooctatetraene, 1-phe...	180	C14H12	004603-00-3	46
5			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

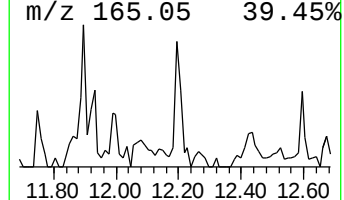
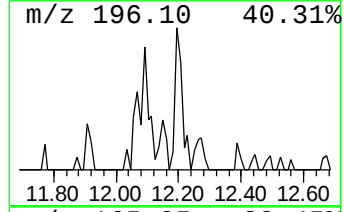
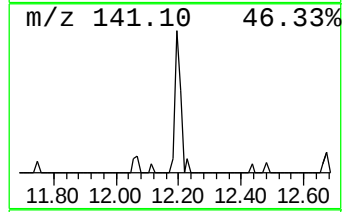
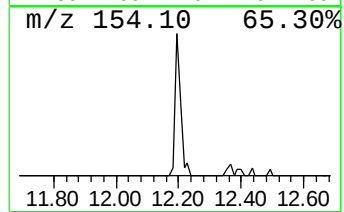
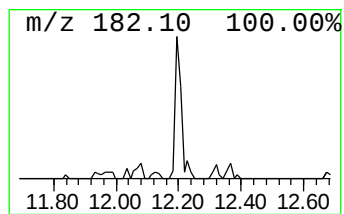
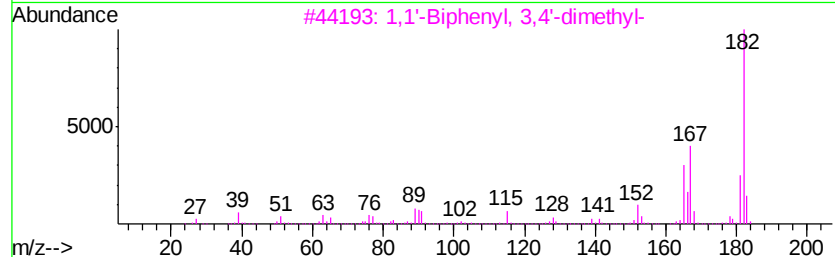
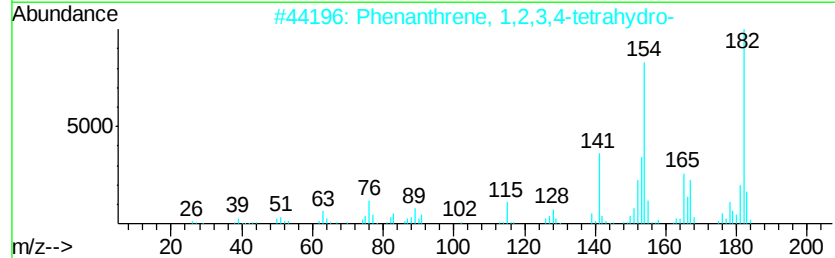
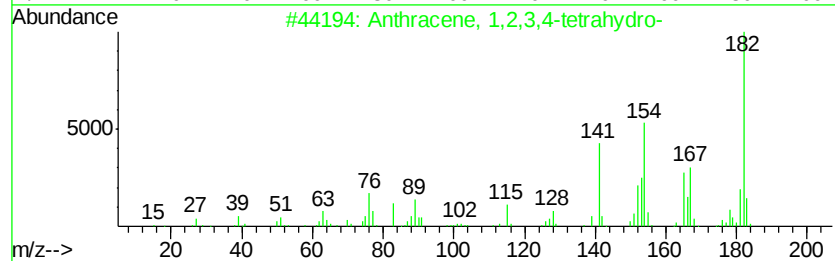
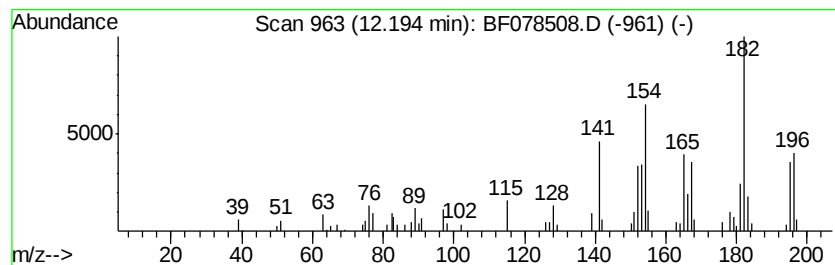
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	8.63 ng	102155	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	78
3		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
4		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
5		7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

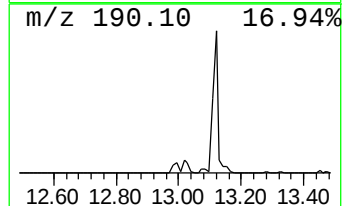
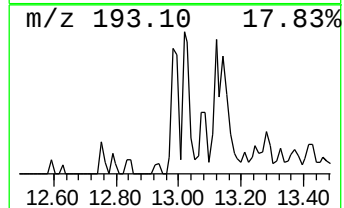
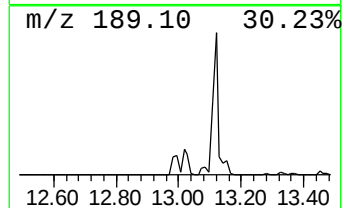
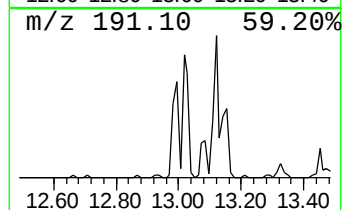
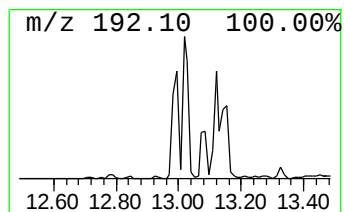
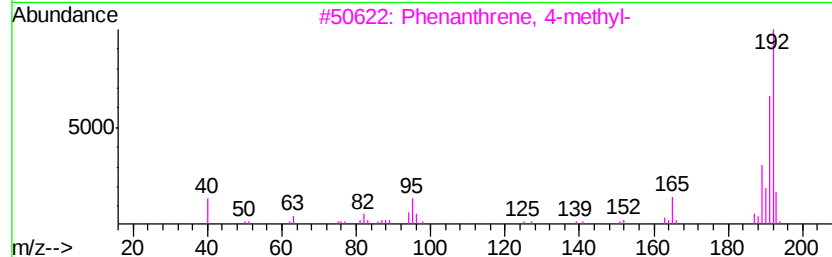
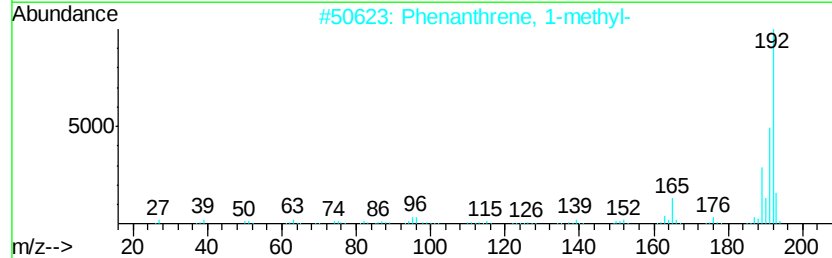
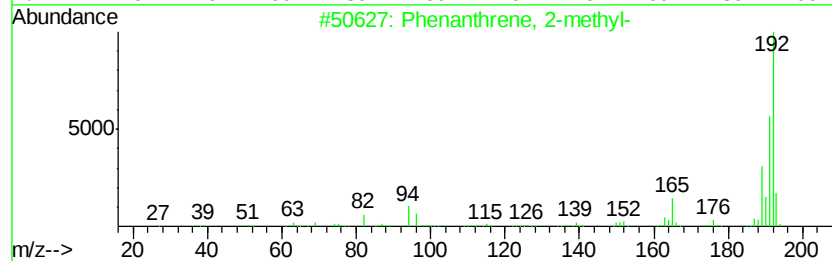
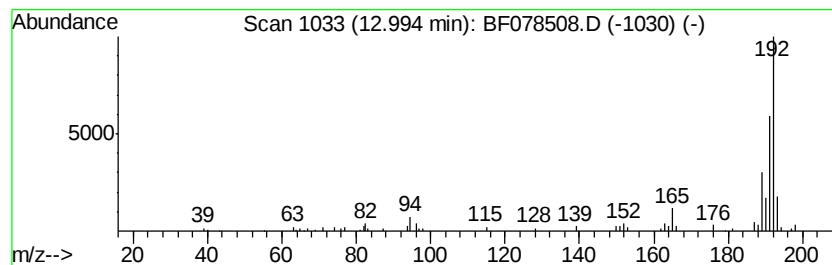
Instrument :
BNA_F
ClientSampleId :
HS-SB06B

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 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.99	8.33 ng	98701	Phenanthrene-d10		12.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

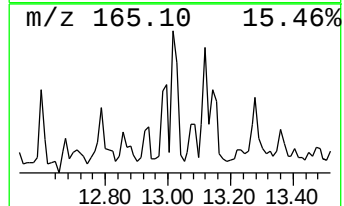
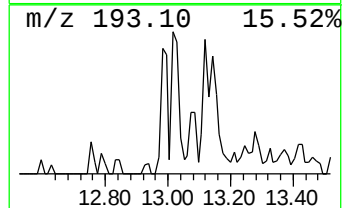
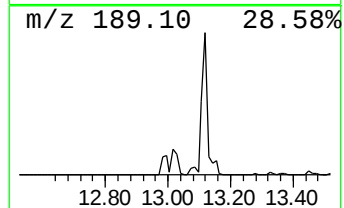
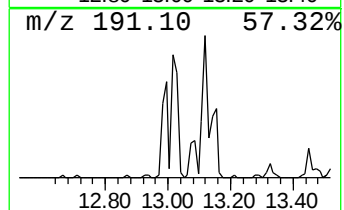
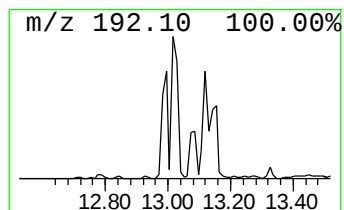
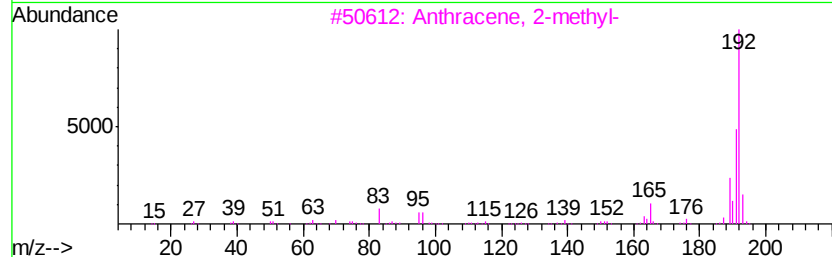
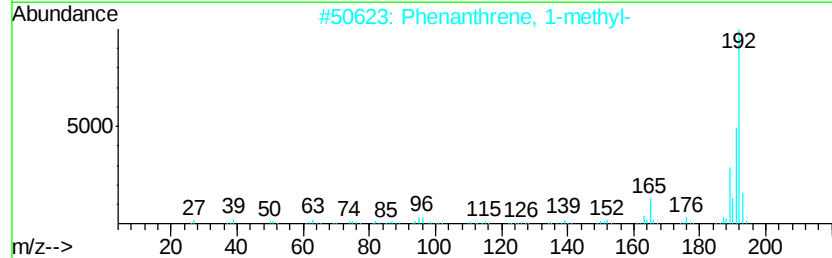
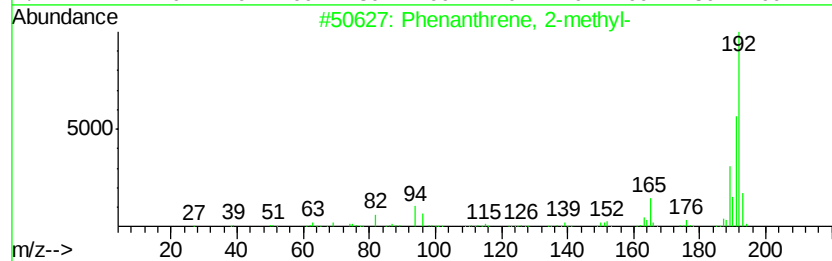
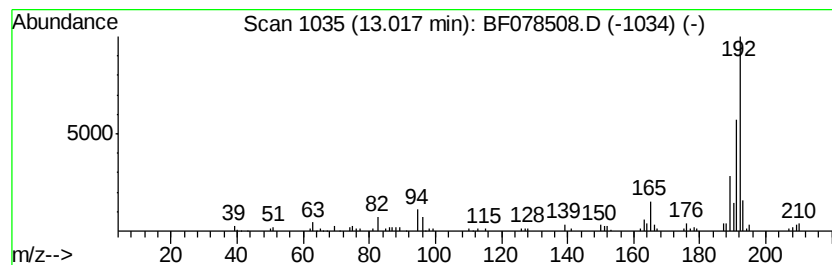
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	11.48 ng	135997	Phenanthrene-d10	12.37

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		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

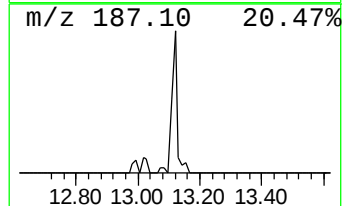
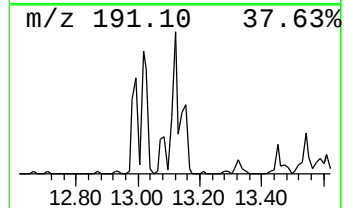
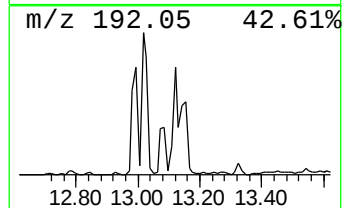
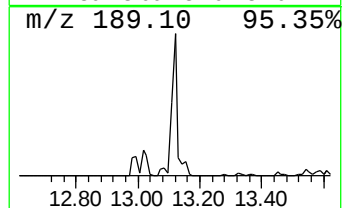
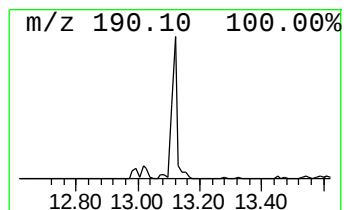
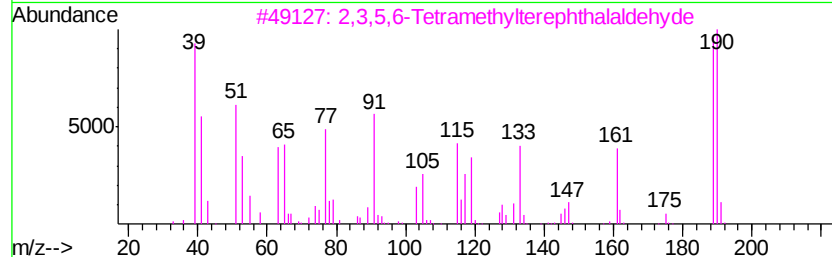
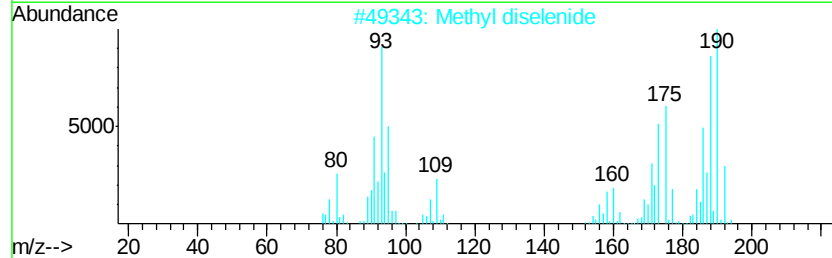
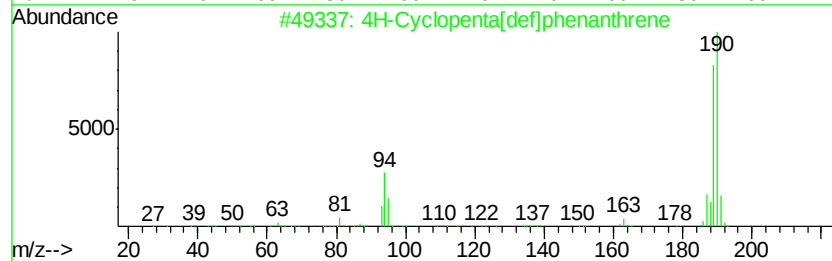
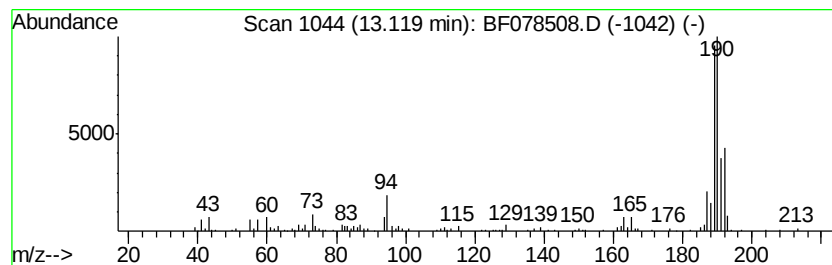
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	28.53 ng	337848	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		Methyl diselenide	190	C2H6Se2	007101-31-7	49
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

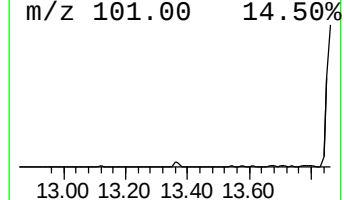
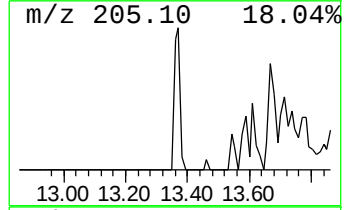
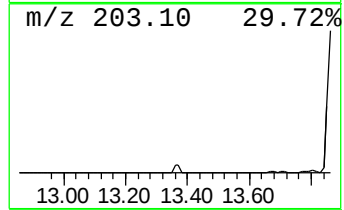
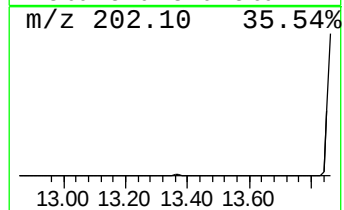
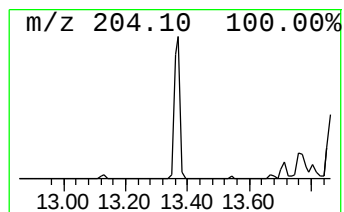
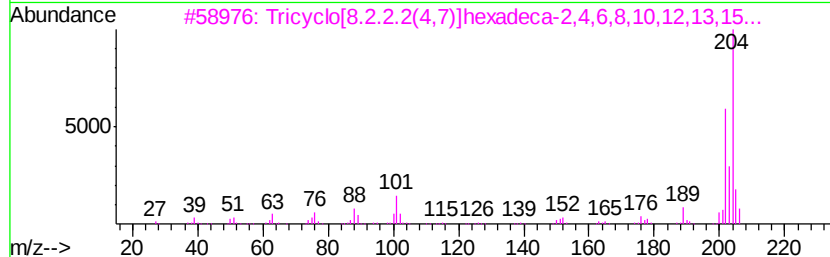
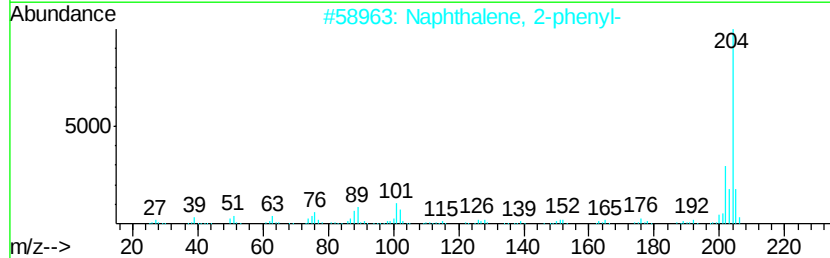
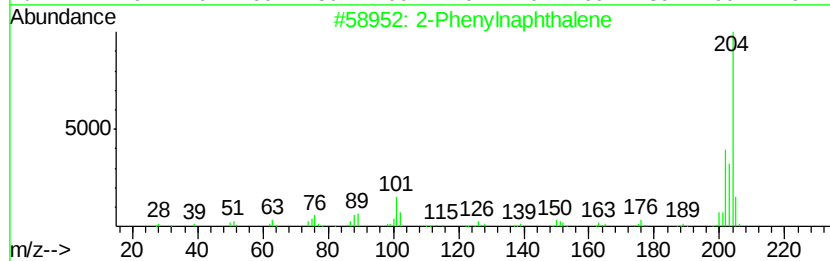
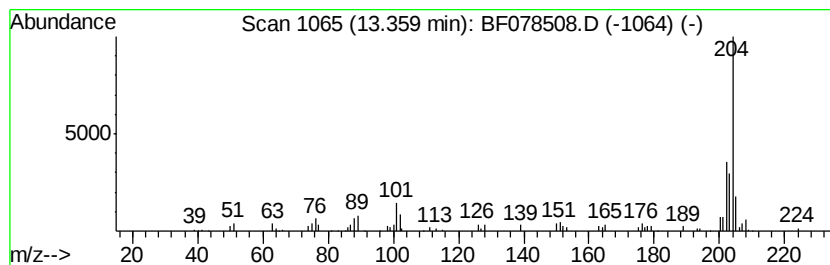
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Phenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	14.82 ng	175574	Phenanthrene-d10	12.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

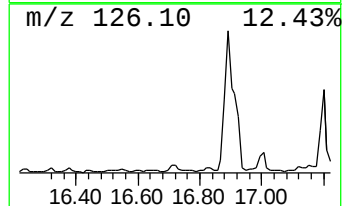
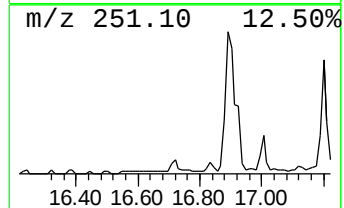
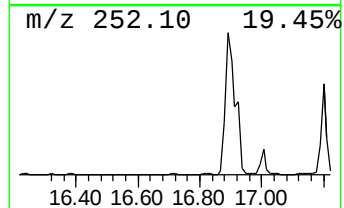
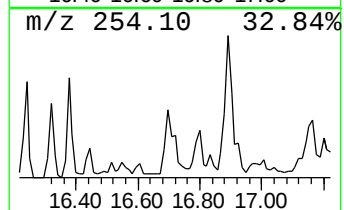
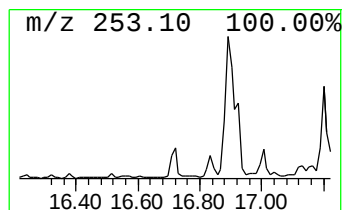
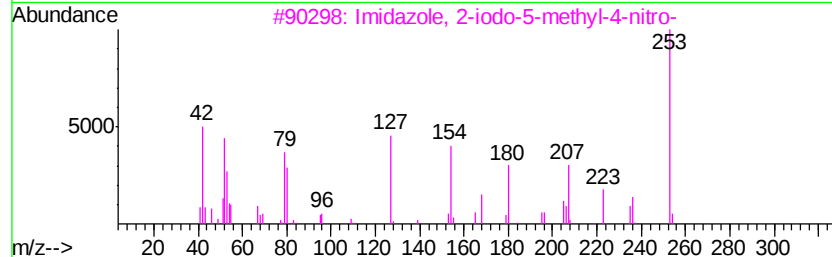
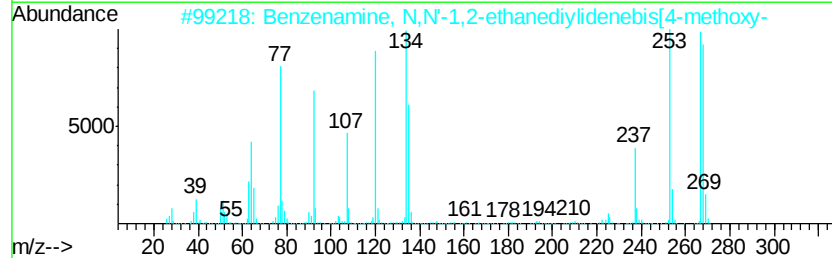
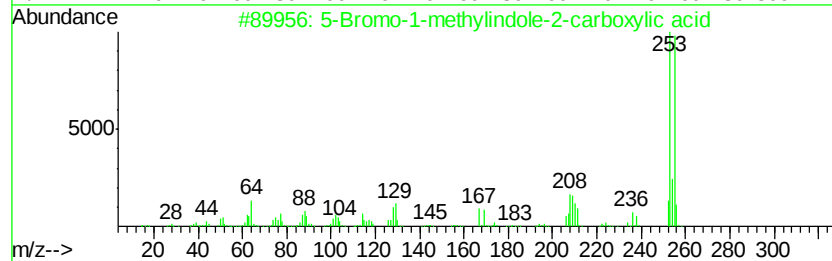
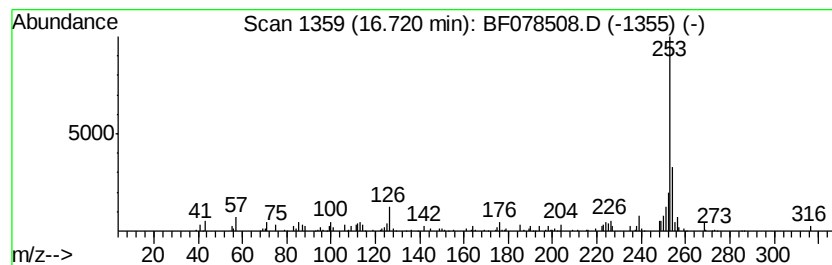
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.72 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.85 ng	95509	Perylene-d12	17.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrN02	090766-47-5	45
2			Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	43
3			Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	43
4			(+)-1-Methylcholanthrene	268	C21H16	1000126-56-0	40
5			8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

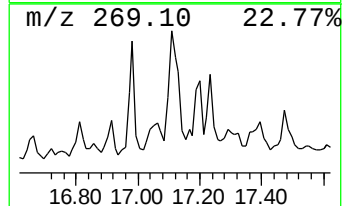
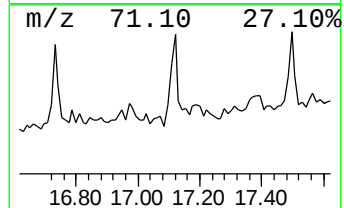
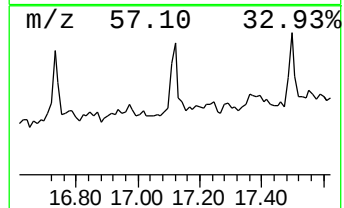
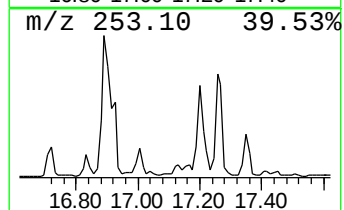
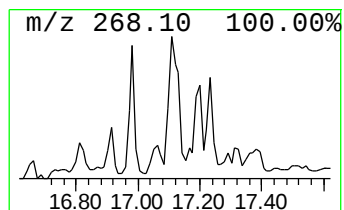
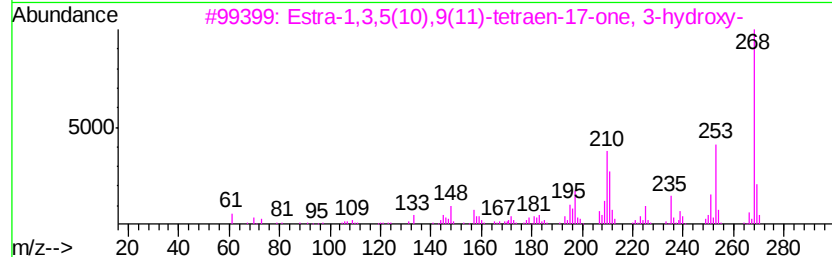
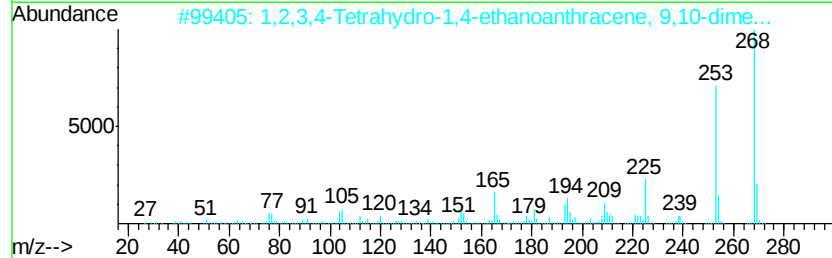
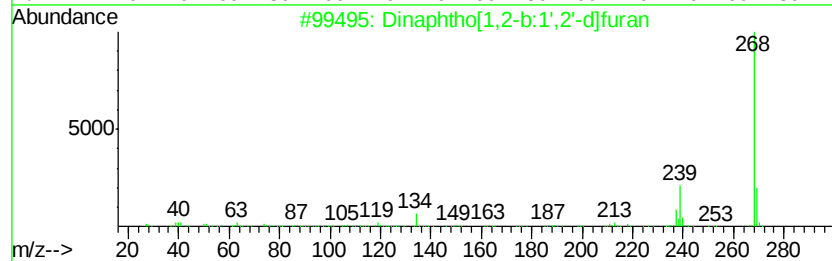
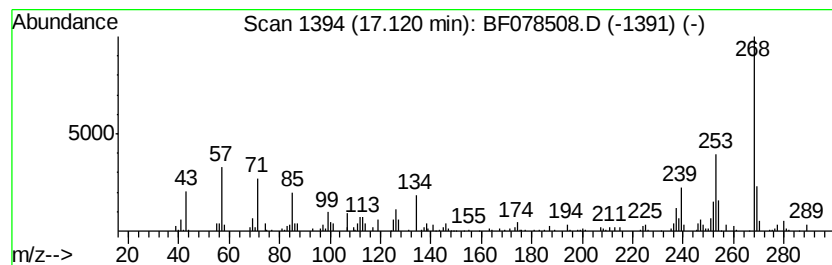
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	6.96 ng	97125	Perylene-d12	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	60
2		1,2,3,4-Tetrahydro-1,4-ethanoant...	268	C18H20O2	177205-54-8	53
3		Estra-1,3,5(10),9(11)-tetraen-17...	268	C18H20O2	001089-80-1	50
4		(-)-2-Methylcholanthrene	268	C21H16	1000126-56-2	49
5		(+)-2-Methylcholanthrene	268	C21H16	1000126-56-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

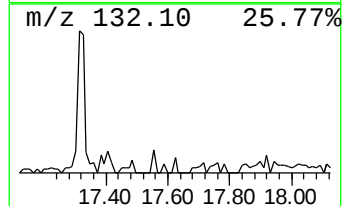
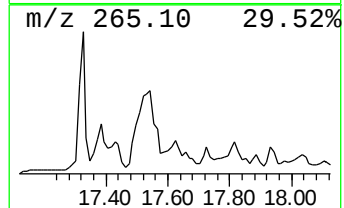
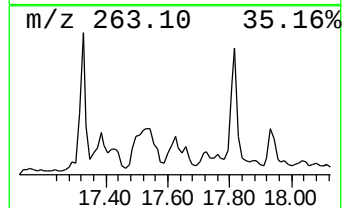
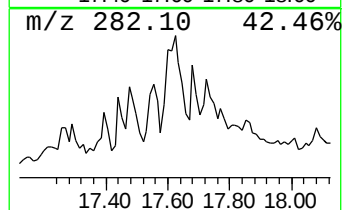
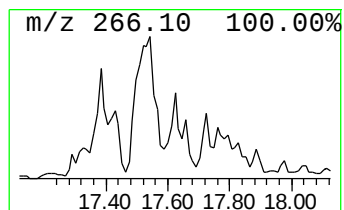
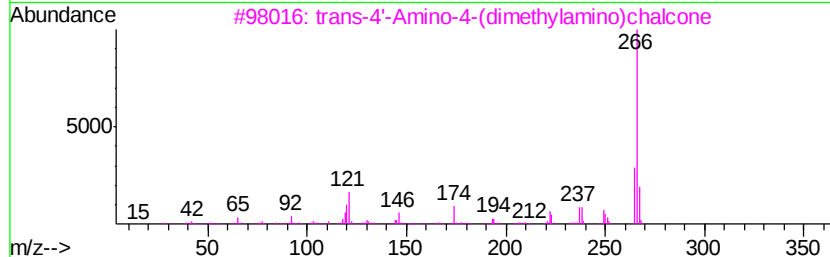
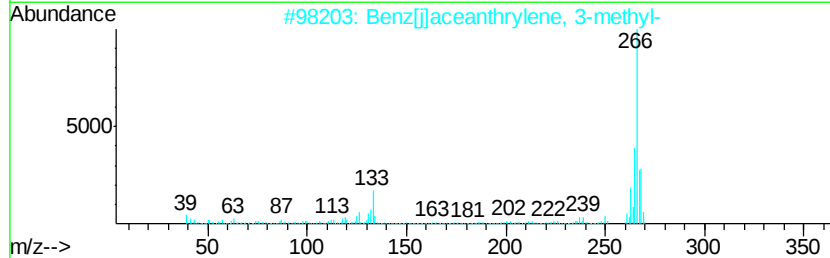
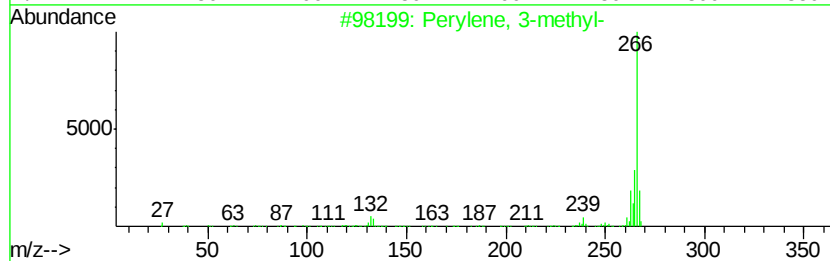
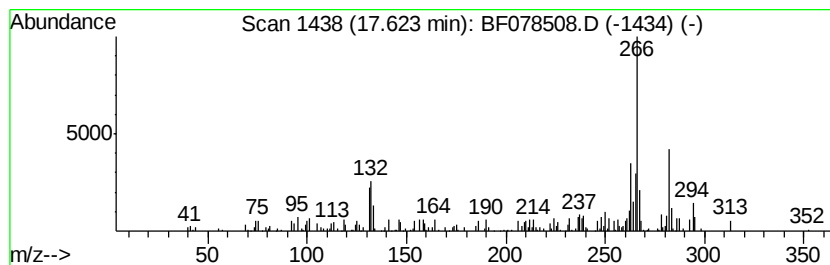
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.62 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	7.63 ng	106466	Perylene-d12	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	49
2		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	46
3		trans-4'-Amino-4-(dimethylamino)...	266	C17H18N2O	1000234-51-4	43
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	43
5		Thiazole, 4-(4-methylphenyl)-2-p...	266	C16H14N2S	093020-56-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SB06B

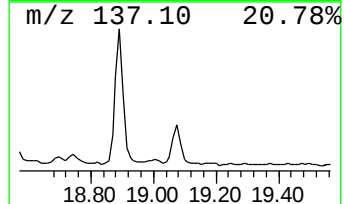
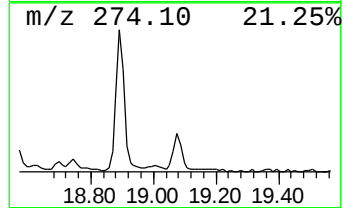
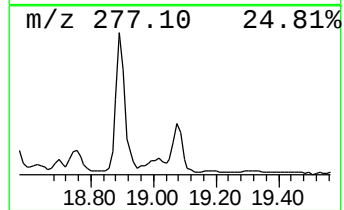
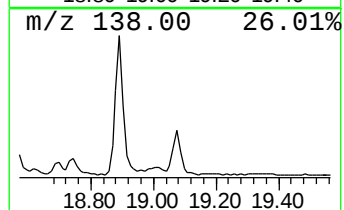
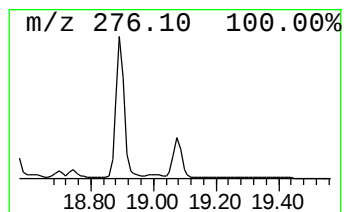
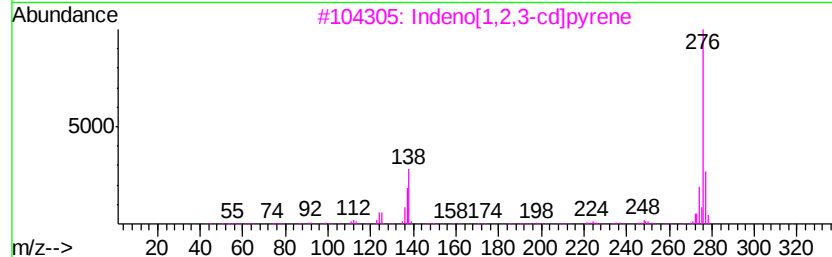
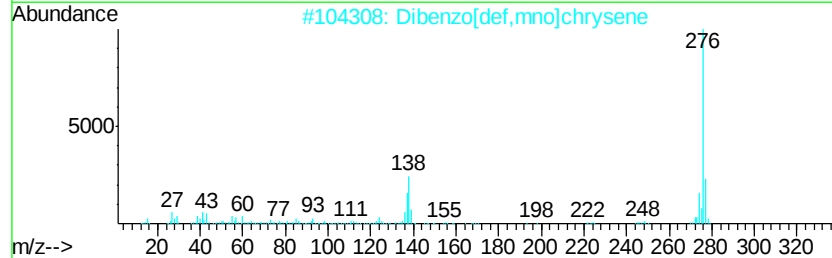
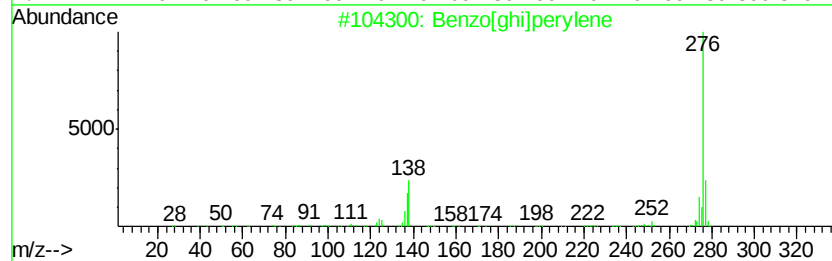
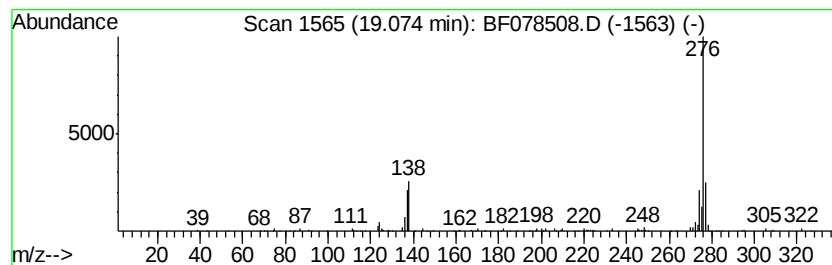
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	12.73 ng	177616	Perylene-d12	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50
5		2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
Data File : BF078508.D
Acq On : 14 Apr 2015 19:30
Operator : TP/IZ
Sample : G1828-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

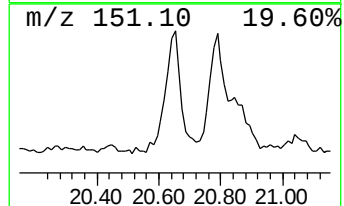
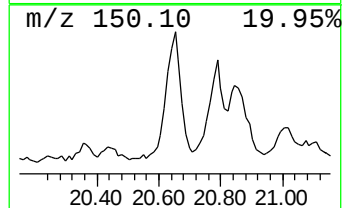
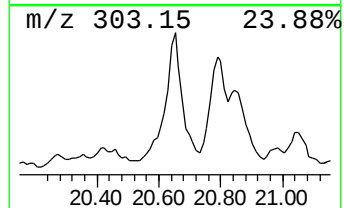
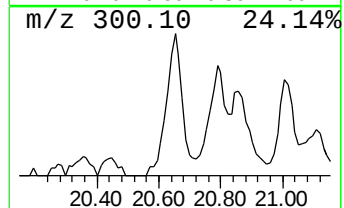
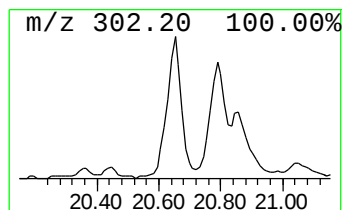
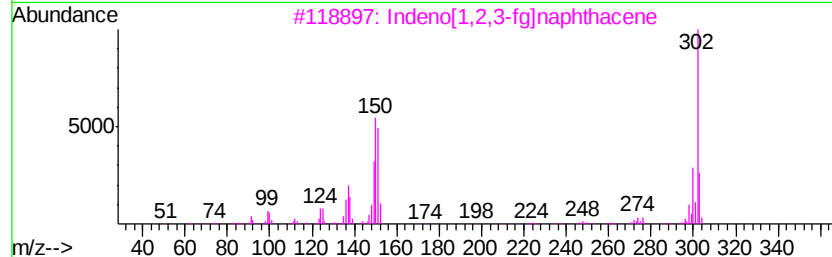
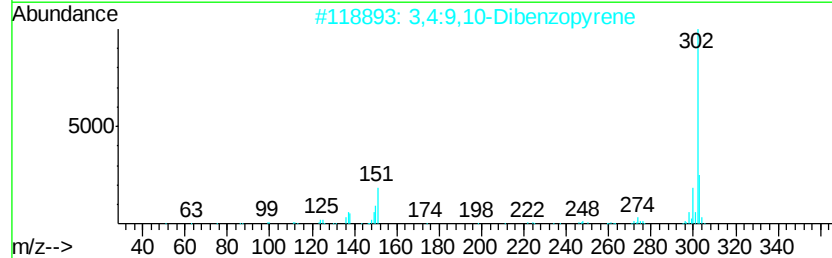
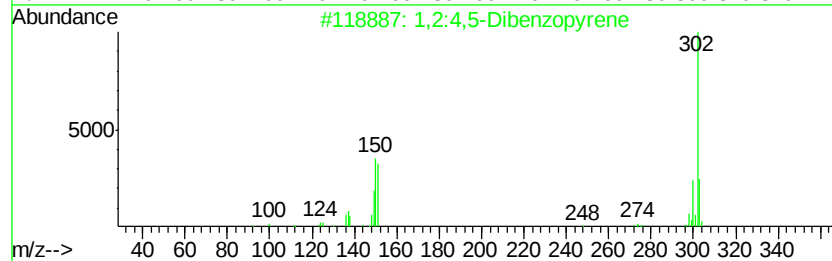
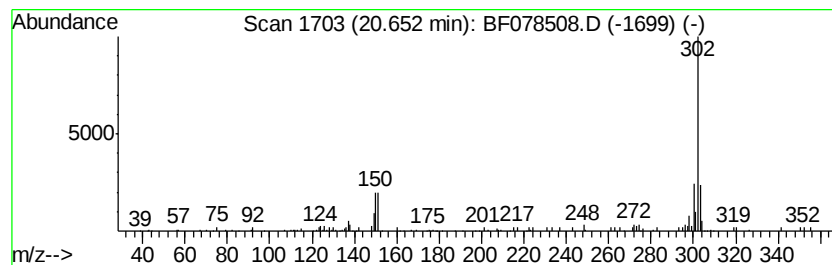
Instrument :
BNA_F
ClientSampleId :
HS-SB06B

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 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	13.40 ng	186933	Perylene-d12	17.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4 93
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9 93
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2 91
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0 90
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078508.D
 Acq On : 14 Apr 2015 19:30
 Operator : TP/IZ
 Sample : G1828-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB06B

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
2-Pentene, 2,3-di...	1.84	8.2	ng	40431	1	6.80	98098	20.0
2-Pentanone, 4-hy...	4.46	10.3	ng	50339	1	6.80	98098	20.0
unknown6.52	6.52	96.8	ng	474783	1	6.80	98098	20.0
Anthracene, 9,10-...	11.75	8.6	ng	102069	4	12.37	236874	20.0
Anthracene, 1,2,3...	12.19	8.6	ng	102155	4	12.37	236874	20.0
Phenanthrene, 2-m...	12.99	8.3	ng	98701	4	12.37	236874	20.0
Phenanthrene, 1-m...	13.02	11.5	ng	135997	4	12.37	236874	20.0
4H-Cyclopenta[def...	13.12	28.5	ng	337848	4	12.37	236874	20.0
2-Phenylanthralene	13.36	14.8	ng	175574	4	12.37	236874	20.0
unknown16.72	16.72	6.8	ng	95509	6	17.33	279047	20.0
Dinaphtho[1,2-b:1...	17.12	7.0	ng	97125	6	17.33	279047	20.0
unknown17.62	17.62	7.6	ng	106466	6	17.33	279047	20.0
Dibenzo[def,mno]c...	19.07	12.7	ng	177616	6	17.33	279047	20.0
1,2:4,5-Dibenzopy...	20.65	13.4	ng	186933	6	17.33	279047	20.0