

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
 Data File : BF077528.D
 Acq On : 2 Mar 2015 17:59
 Operator : TP/IZ
 Sample : G1399-01 5X
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB9

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: CENTROID

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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	1.401	43	45	48	rBV	1072035	1338282	5.56%	0.330%
2	8.842	693	696	700	rBV2	622625	1188141	4.94%	0.293%
3	11.014	883	886	887	rBV	865003	1002945	4.17%	0.248%
4	11.048	887	889	892	rVB	2027547	1922101	7.99%	0.474%
5	11.265	905	908	911	rBV	809406	779188	3.24%	0.192%
6	11.688	943	945	947	rBV	1591671	1640135	6.82%	0.405%
7	11.985	969	971	974	rVV	568953	717559	2.98%	0.177%
8	12.682	1029	1032	1034	rBV	803759	982381	4.08%	0.242%
9	12.728	1034	1036	1038	rVV	677207	809342	3.36%	0.200%
10	12.899	1045	1051	1053	rBV	8261082	12121210	50.37%	2.991%
11	12.957	1053	1056	1057	rVV	3667960	4063072	16.89%	1.003%
12	12.991	1057	1059	1062	rVB	608233	700112	2.91%	0.173%
13	13.151	1071	1073	1075	rVV	2060003	2199835	9.14%	0.543%
14	13.482	1099	1102	1104	rBV	1556041	1941496	8.07%	0.479%
15	13.517	1104	1105	1108	rVB2	2224119	2647081	11.00%	0.653%
16	13.574	1108	1110	1112	rBV	938878	1333922	5.54%	0.329%
17	13.620	1112	1114	1119	rVB2	3404347	5349523	22.23%	1.320%
18	13.860	1133	1135	1139	rVB	1490778	1635729	6.80%	0.404%
19	14.168	1160	1162	1164	rBV	983302	1480137	6.15%	0.365%
20	14.214	1164	1166	1170	rVB2	684623	1277952	5.31%	0.315%
21	14.294	1170	1173	1177	rVB2	584044	1213749	5.04%	0.300%
22	14.397	1177	1182	1184	rBV	9621737	21081373	87.61%	5.203%
23	14.454	1184	1187	1188	rBV	633759	895899	3.72%	0.221%
24	14.557	1193	1196	1198	rBV	1443786	1991667	8.28%	0.492%
25	14.671	1201	1206	1209	rBV2	9629709	24062826	100.00%	5.938%
26	14.717	1209	1210	1215	rVB3	1254877	2021585	8.40%	0.499%
27	14.808	1215	1218	1220	rBV	1968103	2678334	11.13%	0.661%
28	14.854	1220	1222	1225	rVB	2325561	2762939	11.48%	0.682%
29	14.934	1225	1229	1231	rBV2	1632586	3668921	15.25%	0.905%
30	14.968	1231	1232	1234	rVB	1196869	921144	3.83%	0.227%
31	15.071	1239	1241	1243	rVB	4213241	7044853	29.28%	1.739%
32	15.163	1246	1249	1251	rBV	5065023	6643531	27.61%	1.640%
33	15.208	1251	1253	1254	rVV	3050656	4375880	18.19%	1.080%
34	15.231	1254	1255	1257	rVB	1609329	1551447	6.45%	0.383%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.277	1257	1259	1260	rVB2	676522	713247	2.96%	0.176%
36	15.311	1260	1262	1264	rBV	2590021	2854666	11.86%	0.705%
37	15.345	1264	1265	1268	rBV2	1882386	2815534	11.70%	0.695%
38	15.517	1277	1280	1282	rBV2	839514	1278451	5.31%	0.316%
39	15.608	1282	1288	1292	rVV2	2029597	5587768	23.22%	1.379%
40	15.677	1292	1294	1295	rVV	1607020	2373447	9.86%	0.586%
41	15.711	1295	1297	1300	rVV	1984768	3843974	15.97%	0.949%
42	15.791	1300	1304	1305	rVV2	1877130	3263975	13.56%	0.806%
43	15.837	1305	1308	1311	rVV2	3494761	7932839	32.97%	1.958%
44	15.883	1311	1312	1315	rVV2	2465224	4940026	20.53%	1.219%
45	15.940	1315	1317	1319	rVV2	2564032	4302116	17.88%	1.062%
46	15.974	1319	1320	1322	rVV	1718552	2181008	9.06%	0.538%
47	16.054	1325	1327	1329	rVV	1073749	1493103	6.21%	0.368%
48	16.168	1331	1337	1339	rVV2	7389590	21263030	88.36%	5.247%
49	16.226	1339	1342	1345	rVV	7655597	17087638	71.01%	4.217%
50	16.294	1345	1348	1353	rVV2	3301931	9199487	38.23%	2.270%
51	16.374	1353	1355	1358	rVV2	1896548	5533276	23.00%	1.366%
52	16.420	1358	1359	1362	rVV2	2297939	4691227	19.50%	1.158%
53	16.466	1362	1363	1367	rVV3	2411756	4262846	17.72%	1.052%
54	16.534	1367	1369	1371	rVV2	837861	1025606	4.26%	0.253%
55	16.580	1371	1373	1375	rVV2	1357963	1912158	7.95%	0.472%
56	16.626	1375	1377	1378	rVV	1781074	2877879	11.96%	0.710%
57	16.683	1378	1382	1383	rVV	5473982	10636121	44.20%	2.625%
58	16.717	1383	1385	1387	rVV	3366673	5727937	23.80%	1.414%
59	16.763	1387	1389	1390	rVV2	1768362	2942644	12.23%	0.726%
60	16.797	1390	1392	1394	rVV	3171865	4692025	19.50%	1.158%
61	16.843	1394	1396	1402	rVV4	2554667	9237696	38.39%	2.280%
62	16.934	1402	1404	1406	rVV3	1477025	2159962	8.98%	0.533%
63	17.003	1408	1410	1413	rVB2	953881	1503647	6.25%	0.371%
64	17.060	1413	1415	1416	rBV	874070	1421478	5.91%	0.351%
65	17.106	1416	1419	1423	rVV	2178433	6496620	27.00%	1.603%
66	17.174	1423	1425	1427	rVV	2380186	3372036	14.01%	0.832%
67	17.220	1427	1429	1431	rVV	3092697	4348725	18.07%	1.073%
68	17.266	1431	1433	1434	rVV	977439	1316392	5.47%	0.325%
69	17.300	1434	1436	1438	rVV	1907211	2994092	12.44%	0.739%
70	17.368	1441	1442	1445	rVB2	1028800	1189629	4.94%	0.294%
71	17.506	1448	1454	1458	rBV2	6028448	22233624	92.40%	5.487%

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72	17.608	1461	1463	1464	rVB	2223776	2710377	11.26%	0.669%
73	17.643	1464	1466	1469	rBV2	905302	1395259	5.80%	0.344%
74	17.734	1469	1474	1478	rBV5	1270887	5361315	22.28%	1.323%
75	17.814	1478	1481	1483	rVV	4005531	8255544	34.31%	2.037%
76	17.894	1484	1488	1490	rVB	5462860	11112889	46.18%	2.743%
77	17.940	1490	1492	1493	rBV2	668824	773232	3.21%	0.191%
78	17.974	1493	1495	1498	rVB2	2582885	3915033	16.27%	0.966%
79	18.123	1504	1508	1509	rBV4	997926	2462547	10.23%	0.608%
80	18.271	1518	1521	1522	rBV2	945191	1282603	5.33%	0.317%
81	18.306	1522	1524	1528	rVB	1745237	2869630	11.93%	0.708%
82	18.386	1528	1531	1533	rBV	1172217	2223217	9.24%	0.549%
83	18.431	1533	1535	1537	rBV	607052	1263075	5.25%	0.312%
84	18.477	1537	1539	1540	rVV	722572	1062089	4.41%	0.262%
85	18.511	1540	1542	1546	rVB2	937915	1383405	5.75%	0.341%
86	18.763	1562	1564	1566	rVV2	448945	797234	3.31%	0.197%
87	18.809	1566	1568	1575	rVB4	1300896	3689077	15.33%	0.910%
88	18.957	1577	1581	1583	rBV2	832169	1938788	8.06%	0.478%
89	19.003	1583	1585	1587	rBV3	384130	740391	3.08%	0.183%
90	19.060	1587	1590	1592	rBV	654552	1225568	5.09%	0.302%
91	19.232	1602	1605	1616	rVB3	944226	3504091	14.56%	0.865%
92	19.437	1616	1623	1626	rVB3	3173846	9314301	38.71%	2.299%
93	19.597	1633	1637	1639	rBV2	1074458	2104561	8.75%	0.519%
94	19.654	1639	1642	1644	rBV	800890	1456116	6.05%	0.359%
95	19.883	1655	1662	1665	rBV	2362321	7613702	31.64%	1.879%
96	20.100	1678	1681	1689	rVB2	1273474	3548603	14.75%	0.876%
97	20.432	1707	1710	1714	rVB3	360001	932822	3.88%	0.230%
98	20.512	1714	1717	1721	rVV3	363967	964103	4.01%	0.238%
99	20.615	1722	1726	1731	rVB	614760	1752335	7.28%	0.432%
100	20.992	1755	1759	1765	rBV3	459183	1801915	7.49%	0.445%

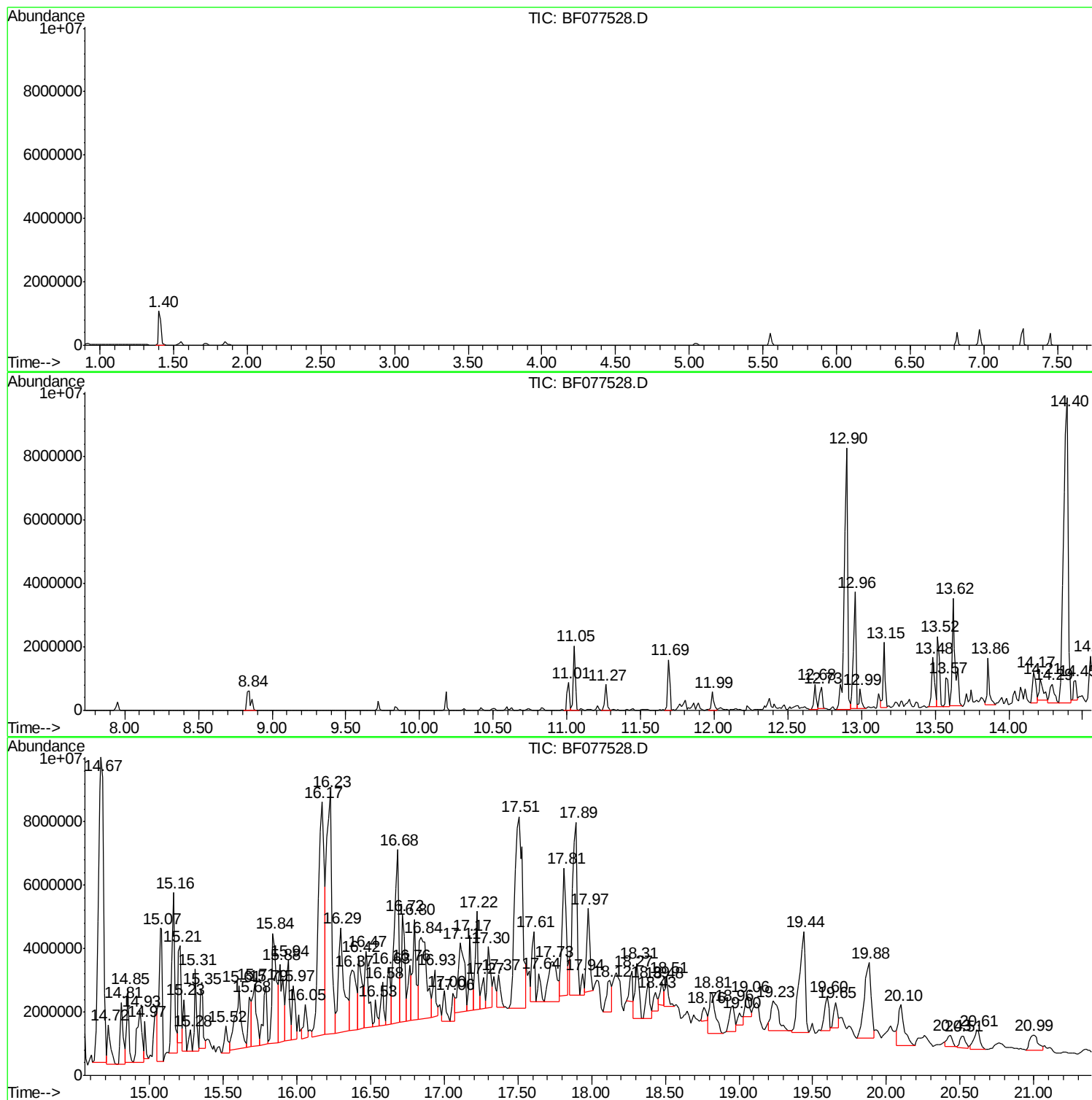
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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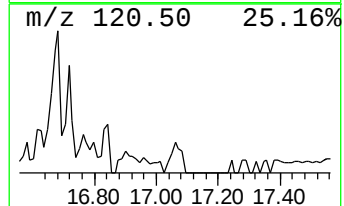
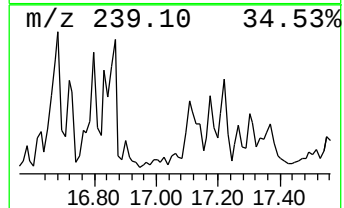
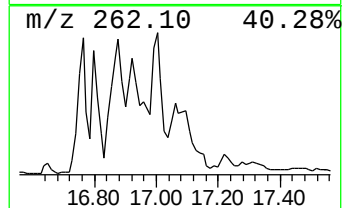
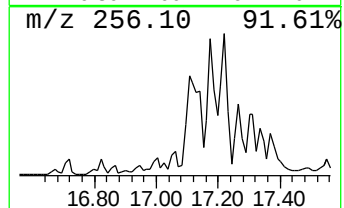
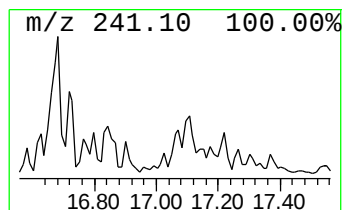
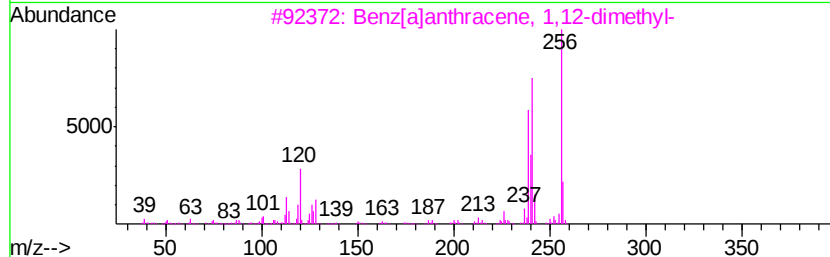
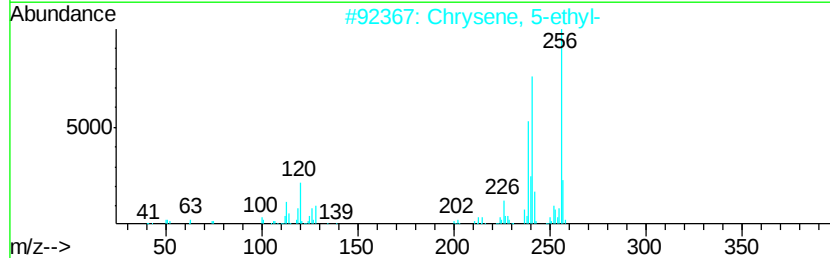
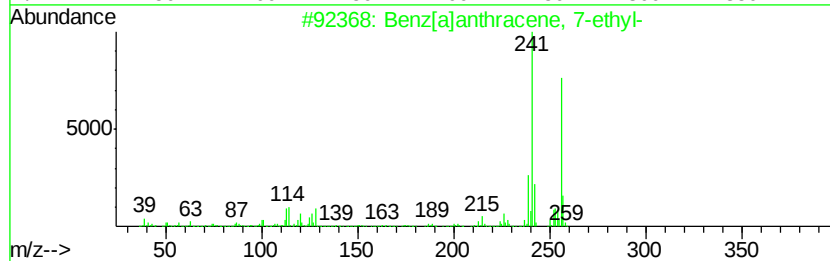
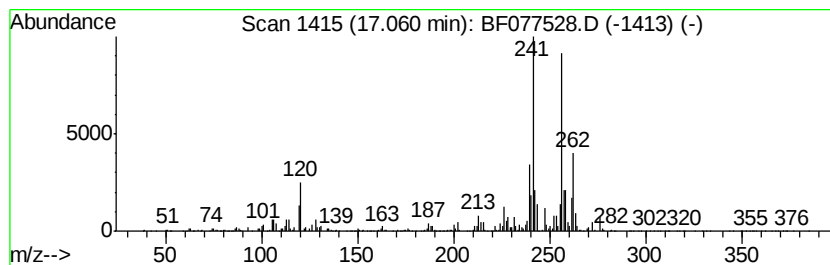
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benz[a]anthracene, 7-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	36.77 ng	1421480	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	86
2		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	64
3		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	64
4		Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	58
5		Phenol, 4,4'-methylenebis[2,6-di...	256	C17H20O2	005384-21-4	53



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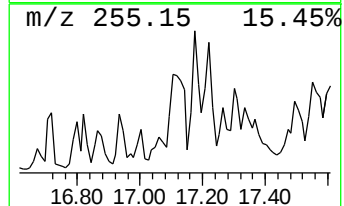
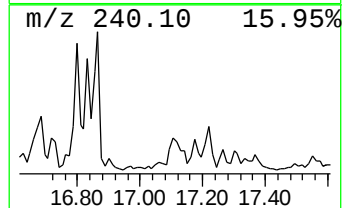
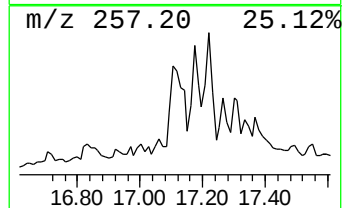
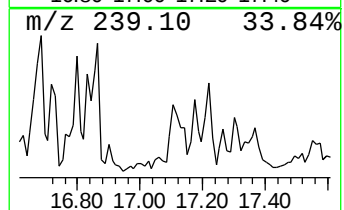
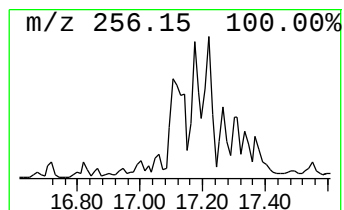
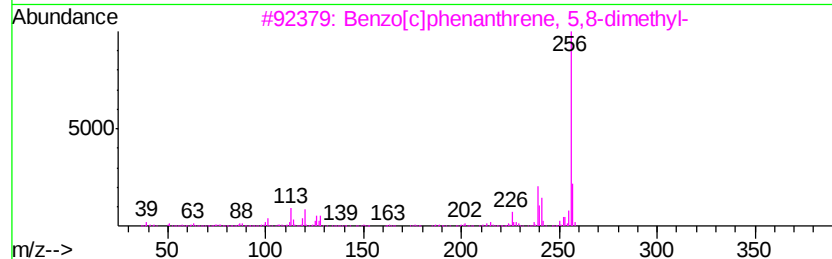
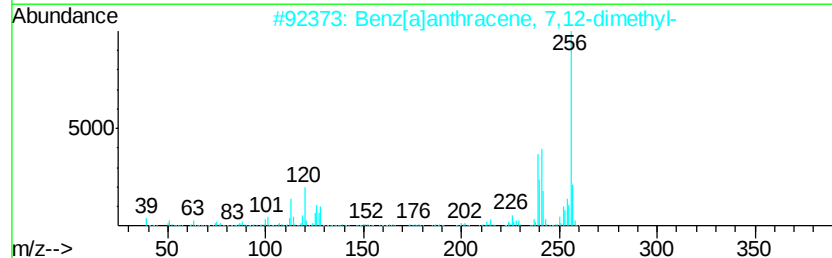
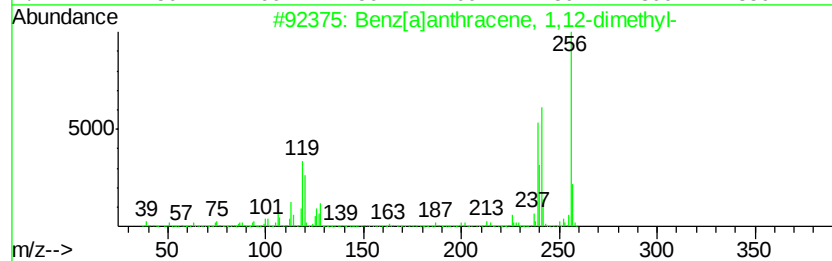
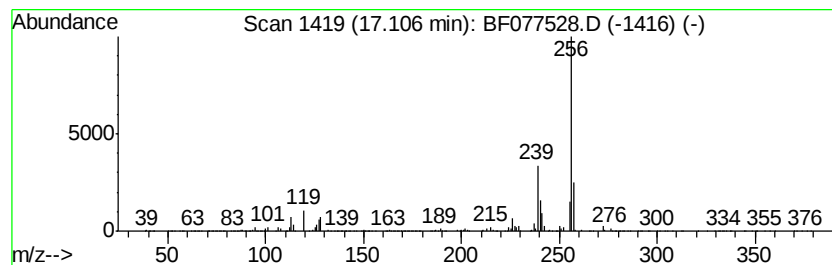
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benz[a]anthracene, 1,12-dim... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	168.04 ng	6496620	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	87
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	83
3		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	74
4		4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	72
5		Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	56



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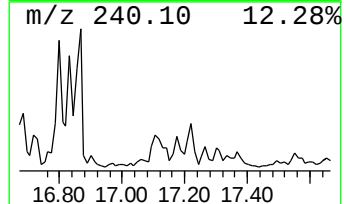
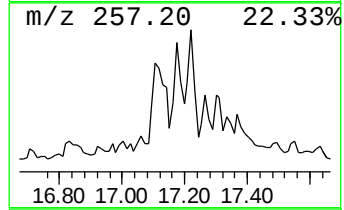
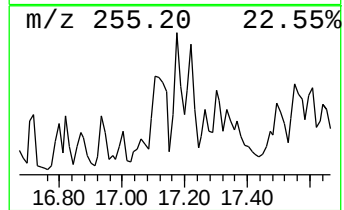
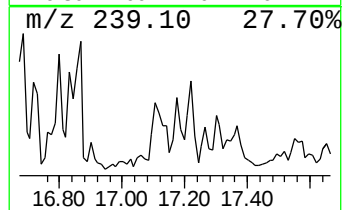
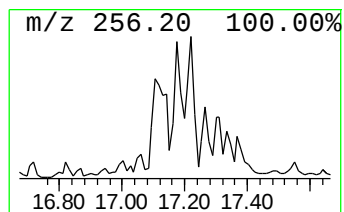
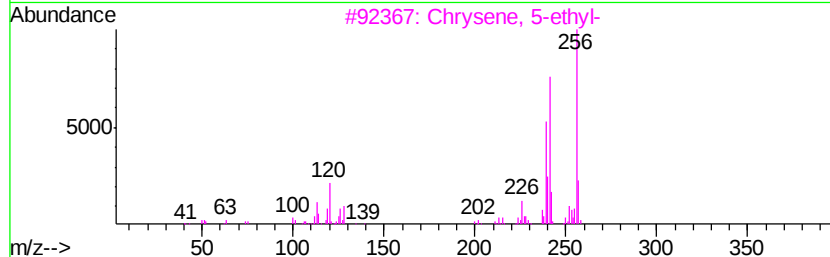
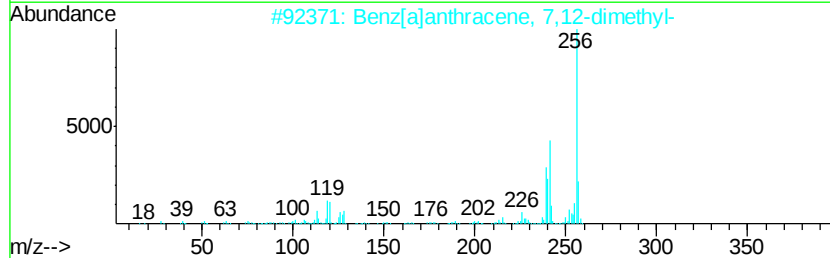
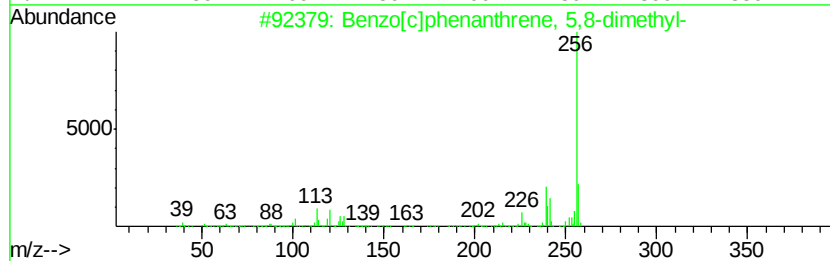
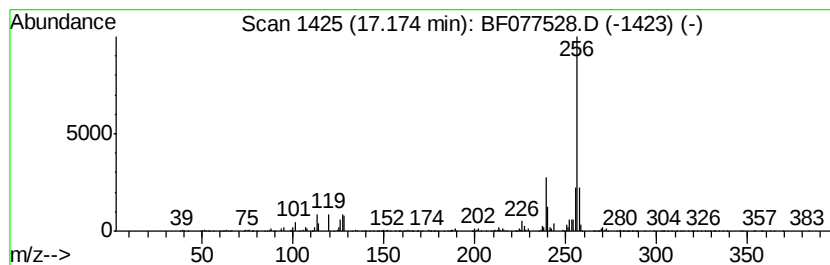
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	87.22 ng	3372040	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	93
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	89
3		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	68
4		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	64
5		1H-Pyrazole, 1-(4-chlorophenyl)-...	256	C15H13ClN2	002535-78-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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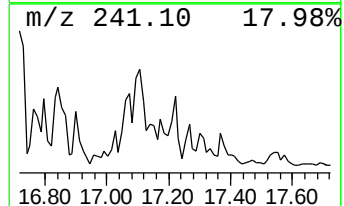
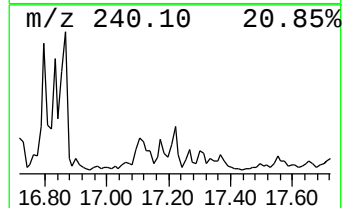
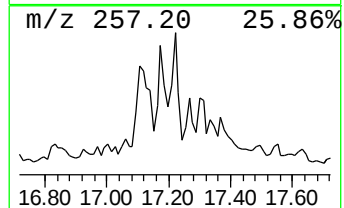
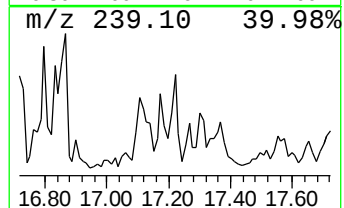
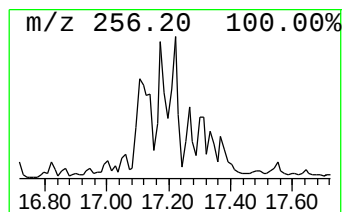
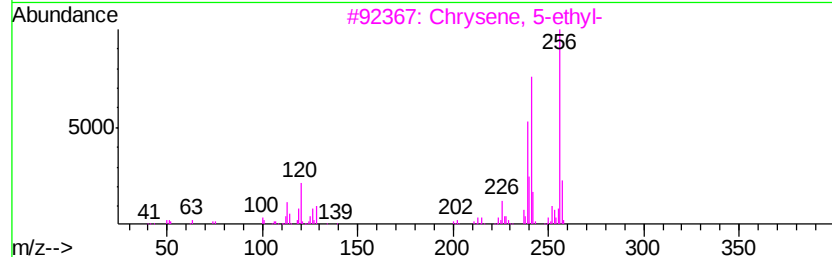
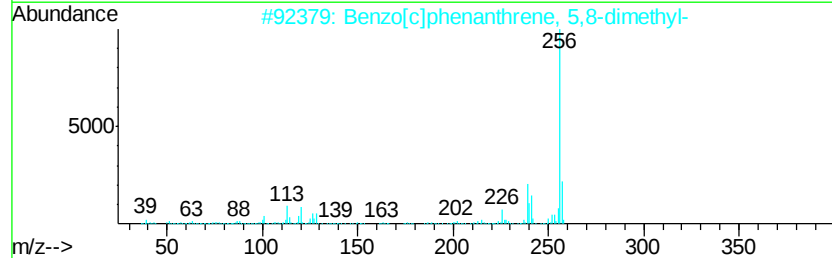
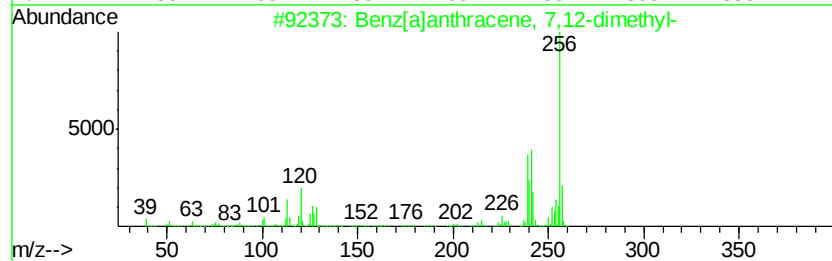
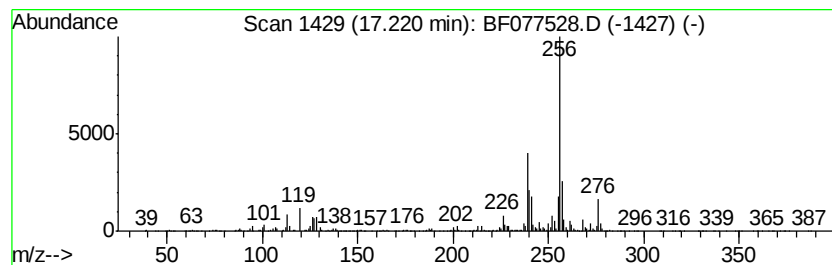
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benz[a]anthracene, 7,12-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	112.48 ng	4348730	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	90
2		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	90
3		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	64
4		Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	58
5		Methanone, bis(3-methoxyphenyl)-...	256	C15H16N2O2	067437-15-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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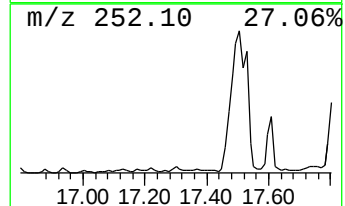
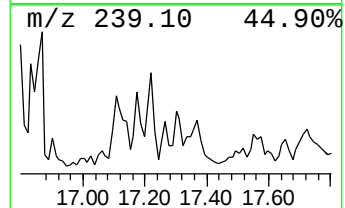
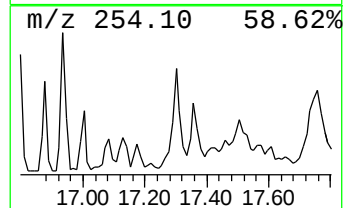
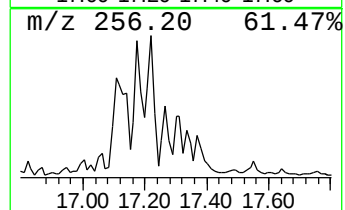
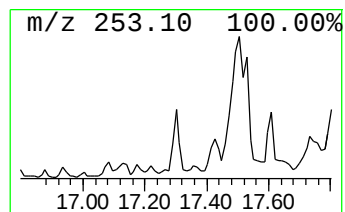
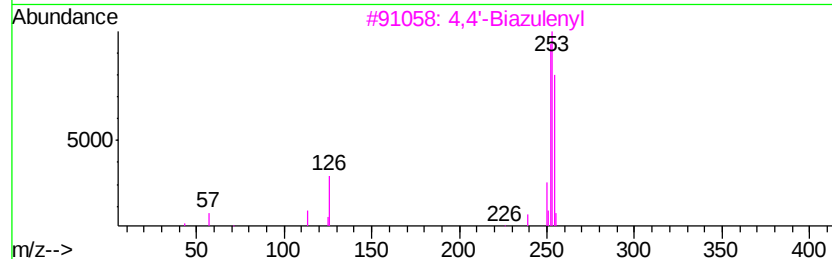
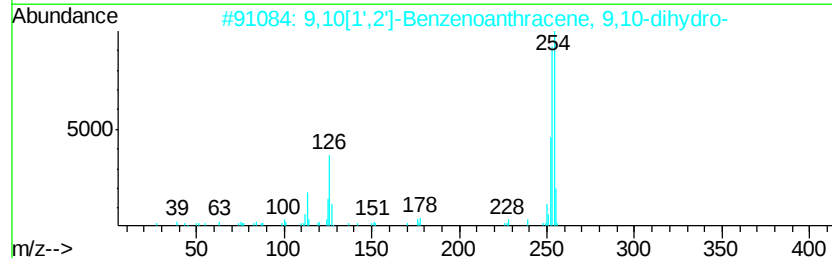
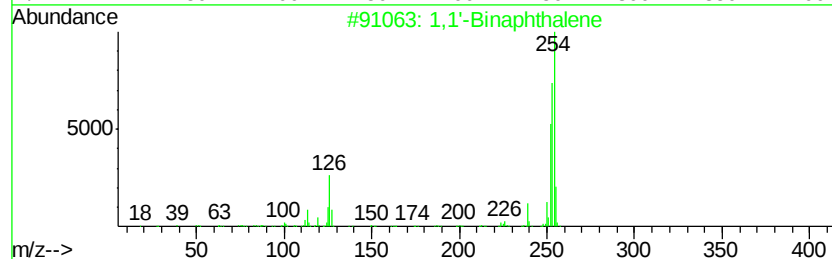
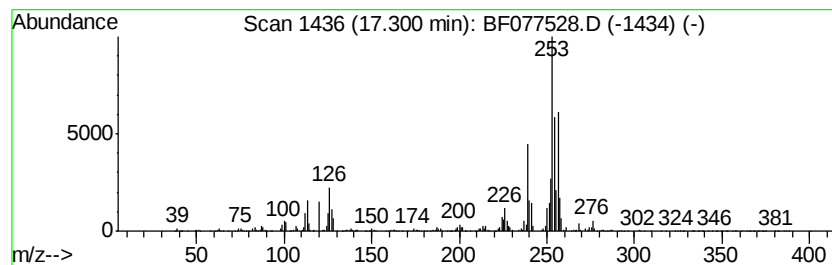
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown17.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	77.44 ng	2994090	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	46
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	42
3		4,4'-BiazulenyI	254	C20H14	094053-54-0	38
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	38
5		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
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Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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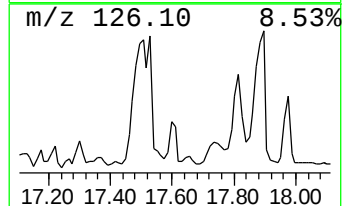
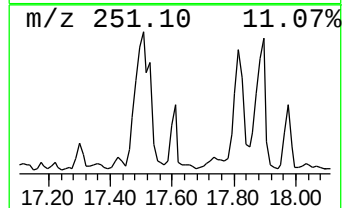
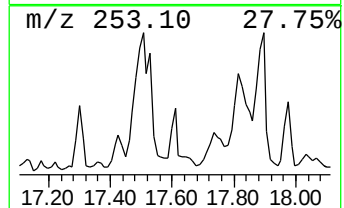
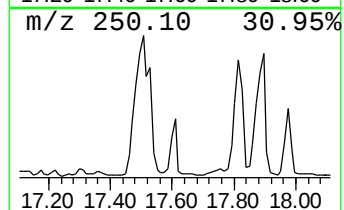
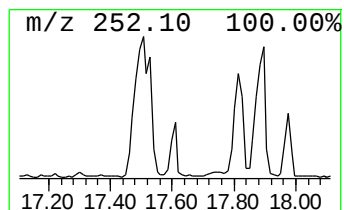
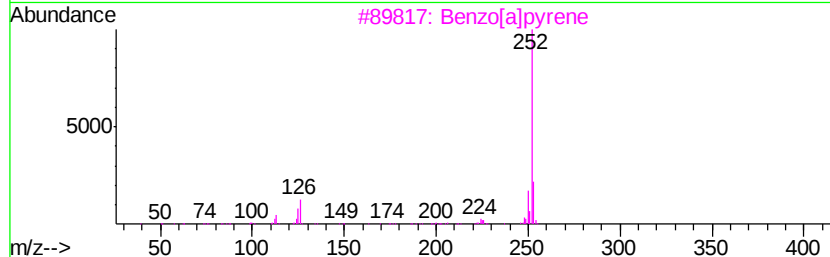
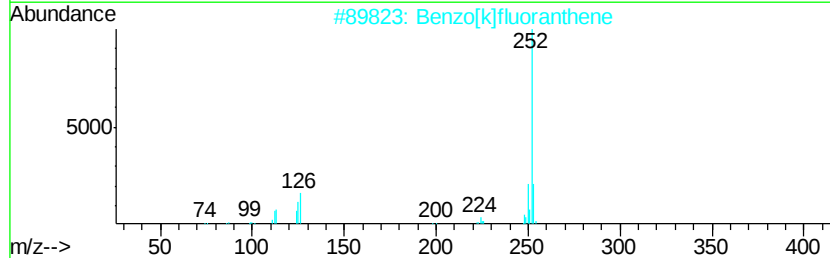
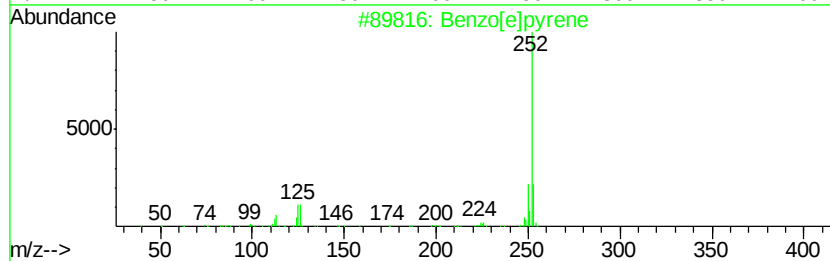
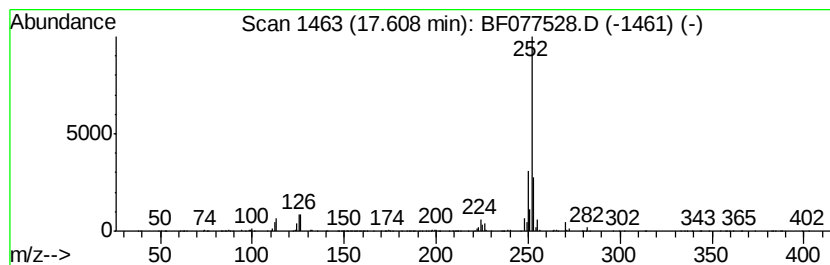
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	70.11 ng	2710380	Perylene-d12	17.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	81
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5		Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
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Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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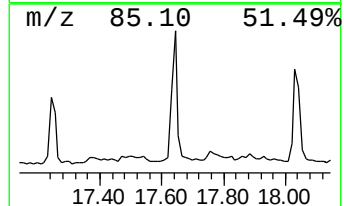
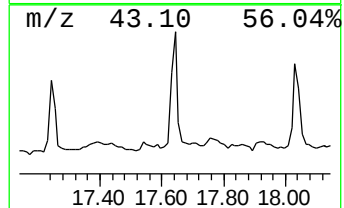
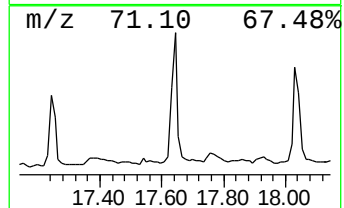
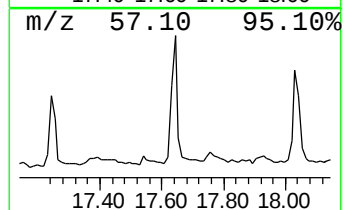
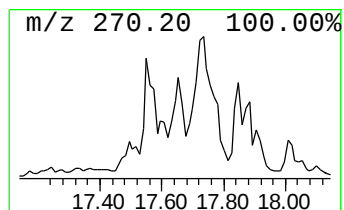
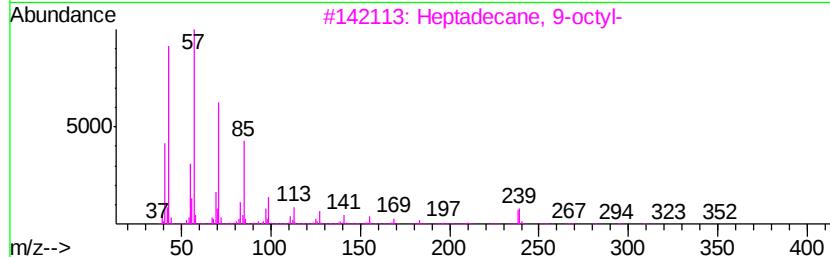
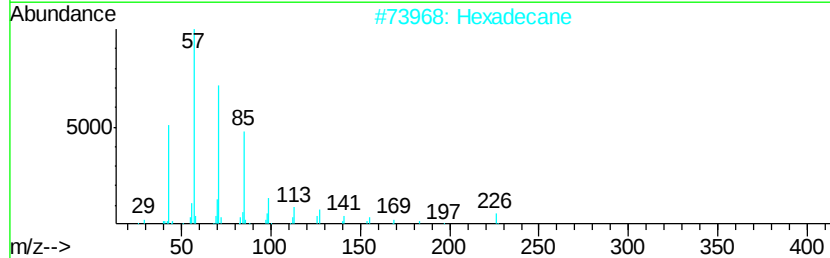
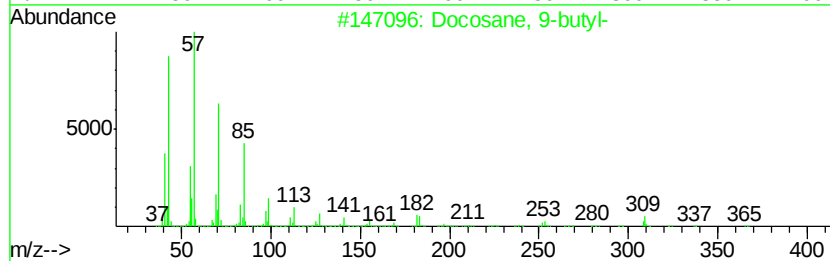
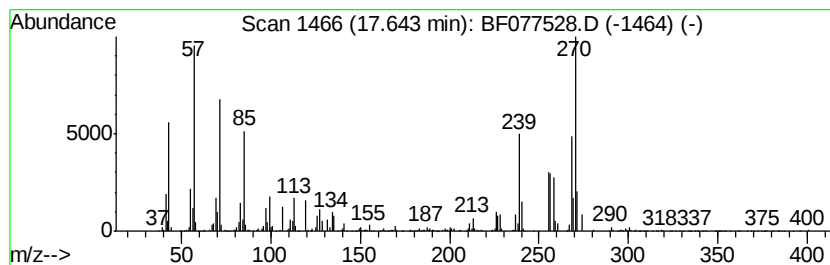
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown17.64 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	36.09 ng	1395260	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	46
2		Hexadecane	226	C16H34	000544-76-3	42
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	40
4		9-Benzylidenexanthene	270	C20H14O	027980-52-5	38
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
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Sample : G1399-01 5X
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ALS Vial : 9 Sample Multiplier: 1

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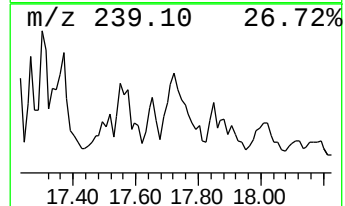
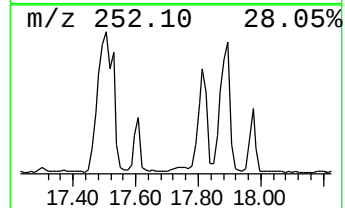
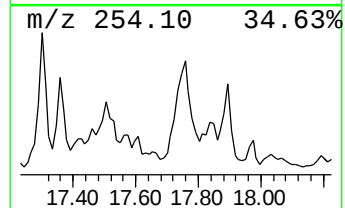
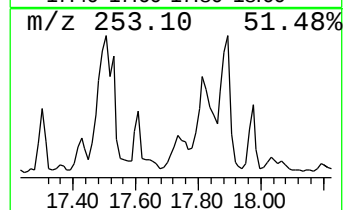
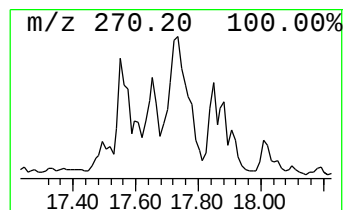
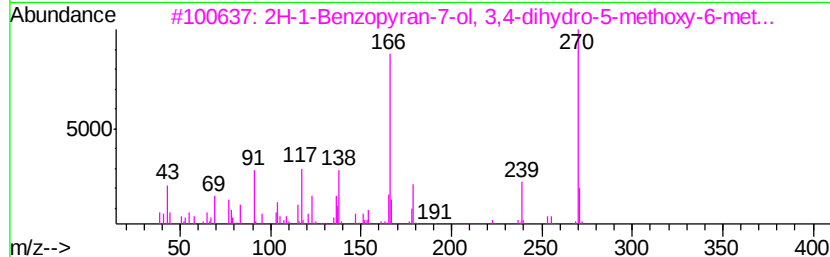
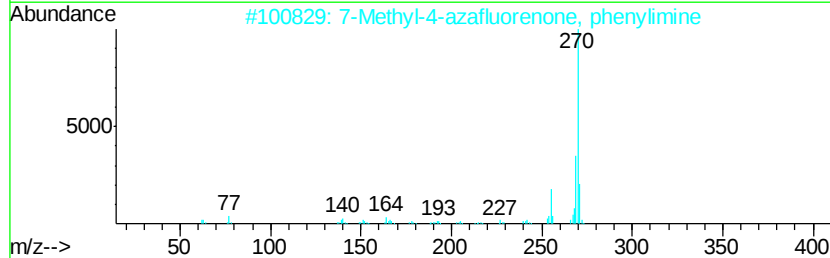
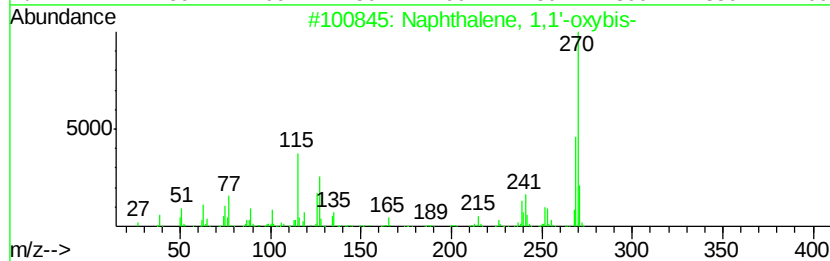
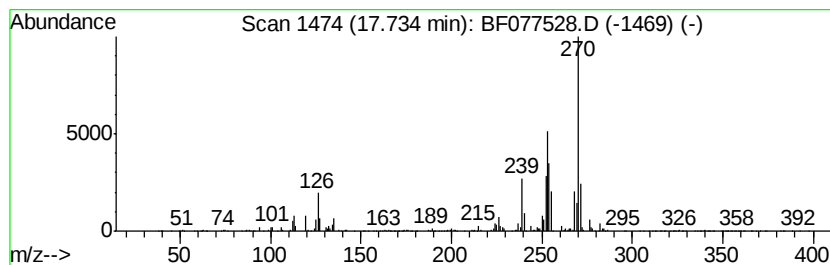
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown17.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	138.67 ng	5361320	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,1'-oxybis-	270	C20H14O	000607-52-3	47
2		7-Methyl-4-azafluorenone, phenyl...	270	C19H14N2	1000216-54-1	38
3		2H-1-Benzopyran-7-ol, 3,4-dihydr...	270	C17H18O3	055670-26-3	38
4		1,3-Diphenylisobenzofuran	270	C20H14O	005471-63-6	35
5		1-Nitro-3-[2-[4-nitrophenyl]ethe...	270	C14H10N2O4	1000212-66-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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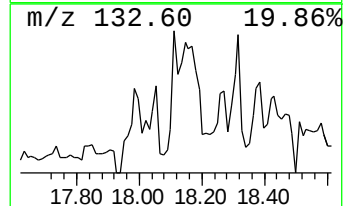
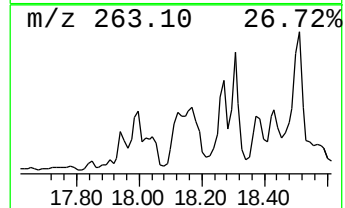
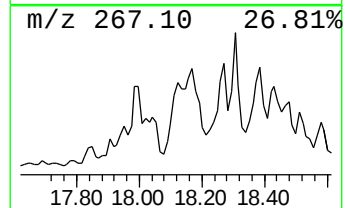
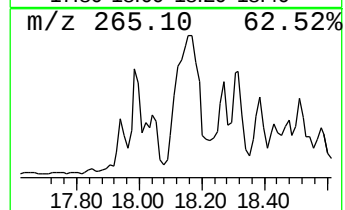
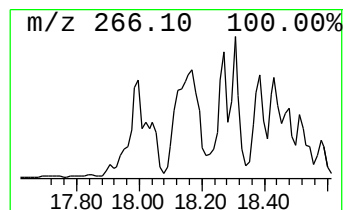
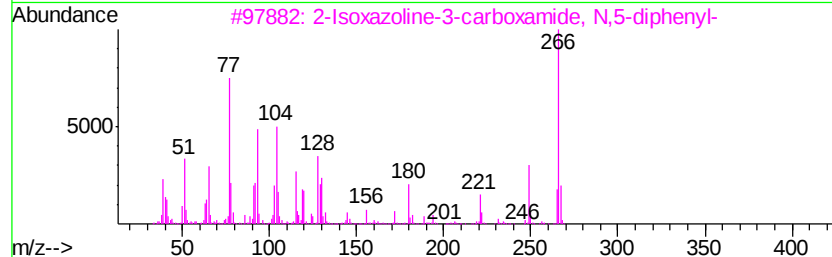
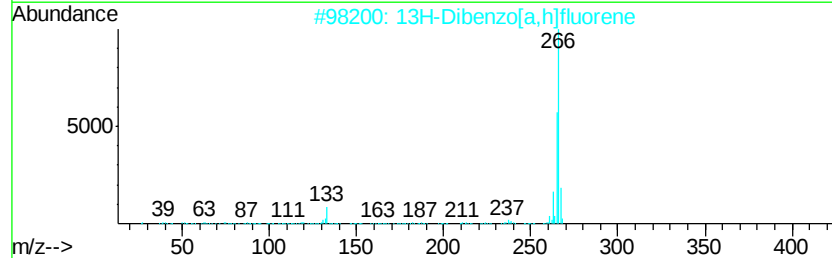
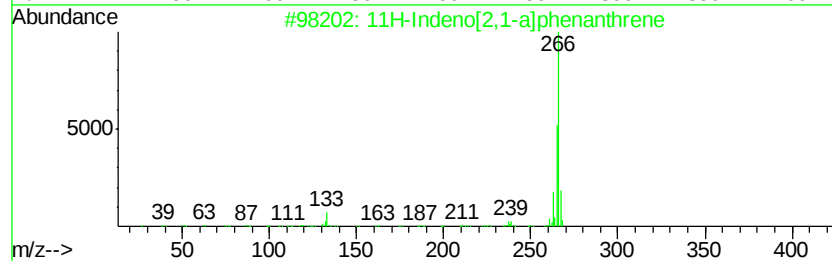
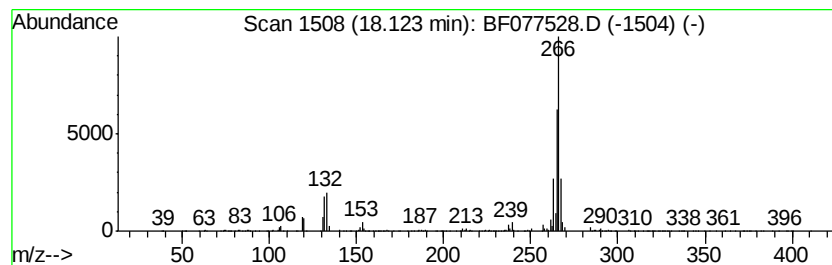
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Indeno[2,1-a]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	63.69 ng	2462550	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	96
2		13H-Dibenzof[a,h]fluorene	266	C21H14	000239-85-0	93
3		2-Isloxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	86
4		4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	64
5		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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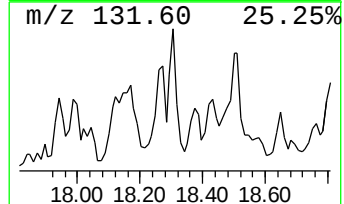
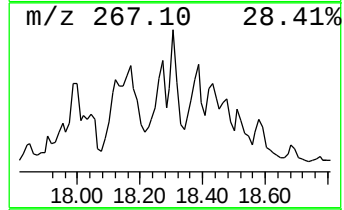
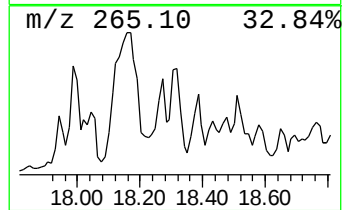
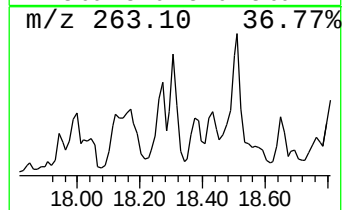
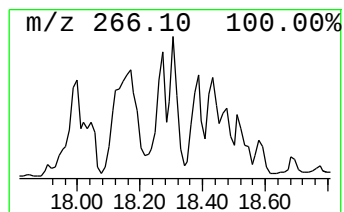
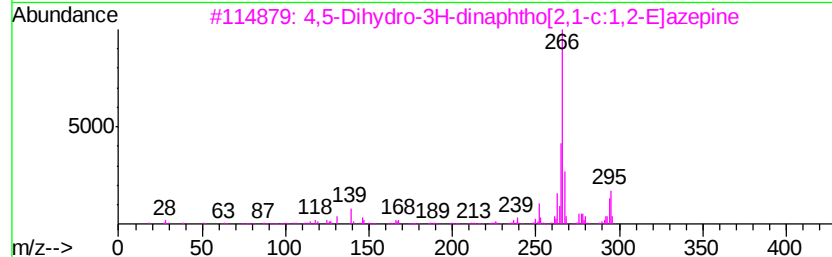
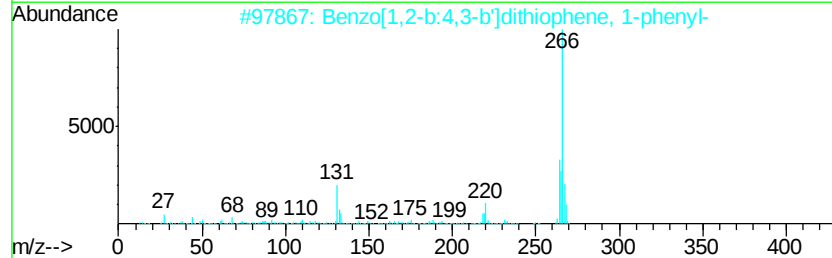
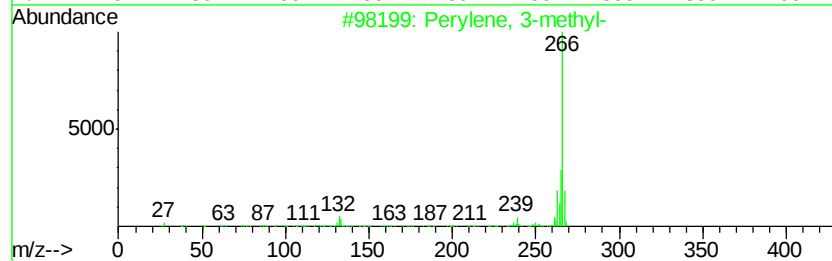
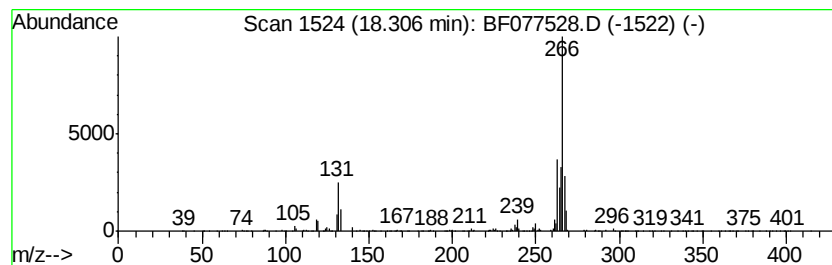
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Perylene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	74.22 ng	2869630	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene, 3-methyl-	266	C21H14	024471-47-4	91
2		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	64
3		4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	59
4		2-Isloxazoline-3-carboxamide, N,5...	266	C16H14N2O2	1000294-15-0	50
5		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9

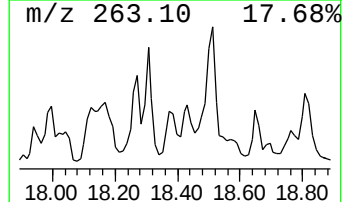
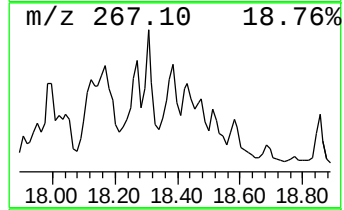
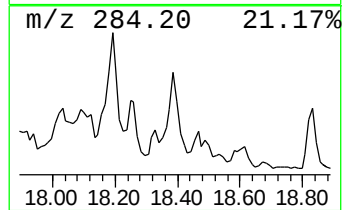
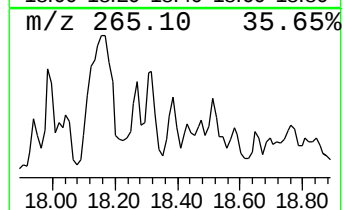
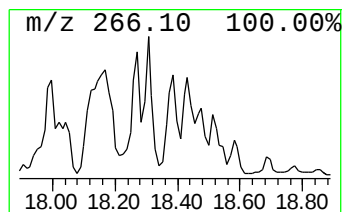
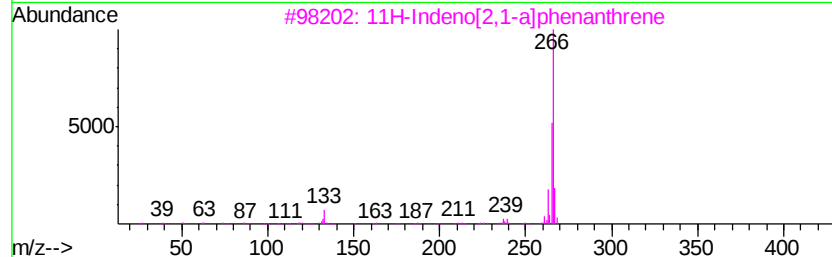
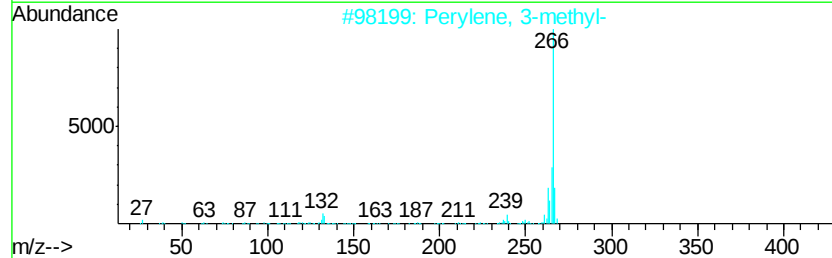
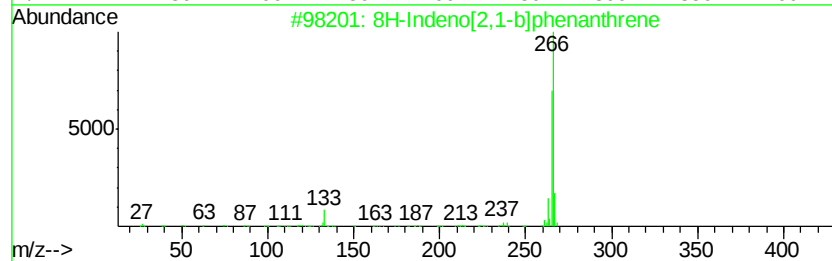
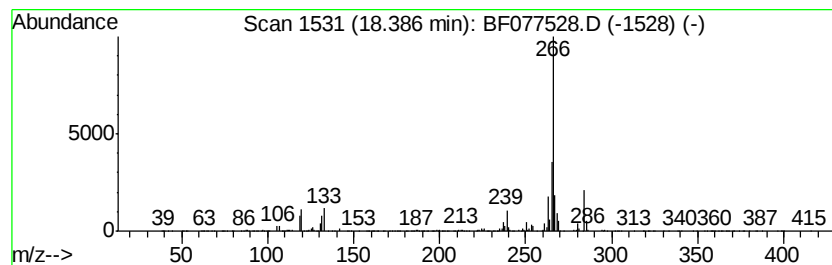
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 8H-Indeno[2,1-b]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	57.50 ng	2223220	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	64
2		Perylene, 3-methyl-	266	C21H14	024471-47-4	64
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	60
4		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	58
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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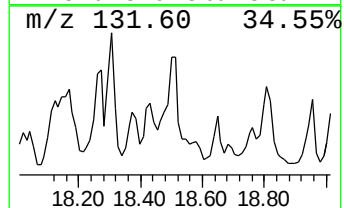
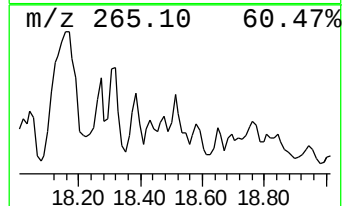
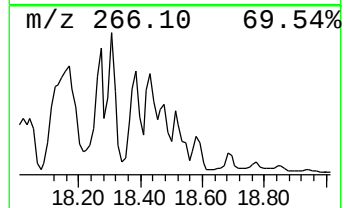
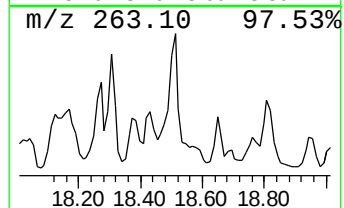
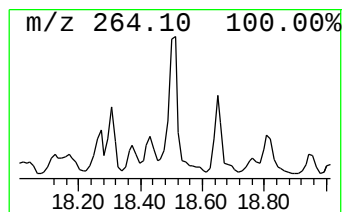
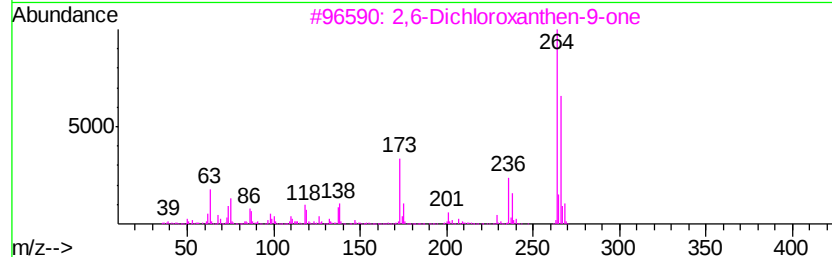
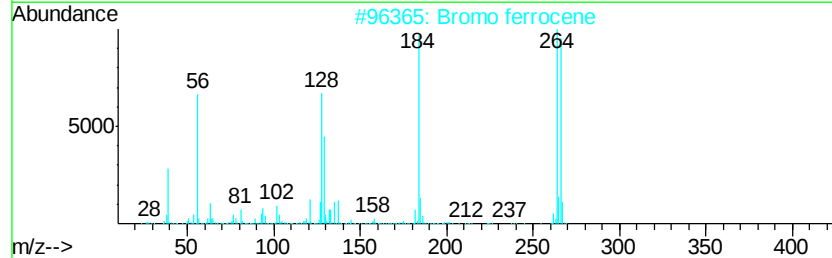
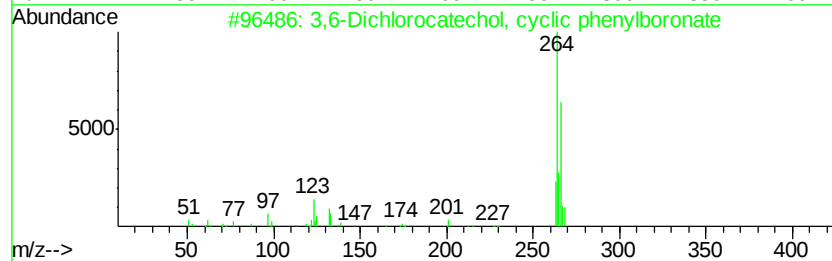
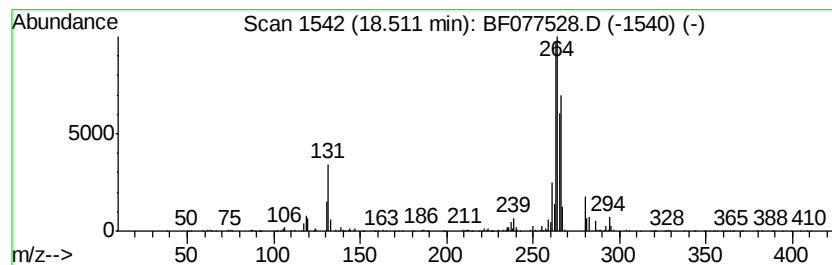
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown18.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	35.78 ng	1383410	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,6-Dichlorocatechol, cvclic phe...	264	C12H7BCl2O2	1000293-25-1	38
2		Bromo ferrocene	264	C10H9BrFe	001273-73-0	38
3		2,6-Dichloroxanthen-9-one	264	C13H6Cl2O2	001556-62-3	30
4		2,7-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	002680-66-2	27
5		1,3-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	053601-82-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

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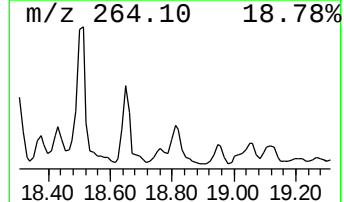
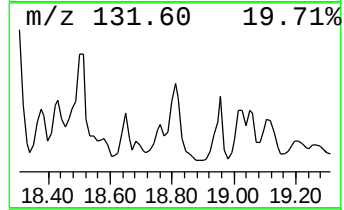
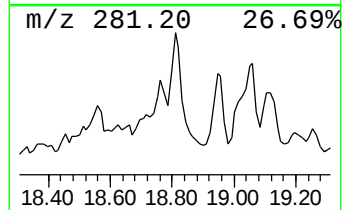
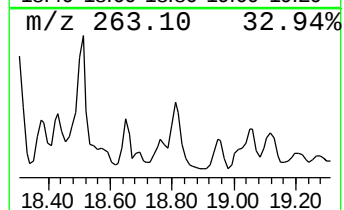
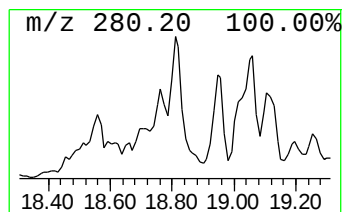
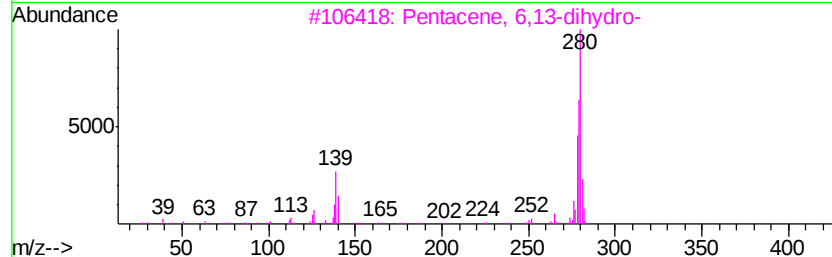
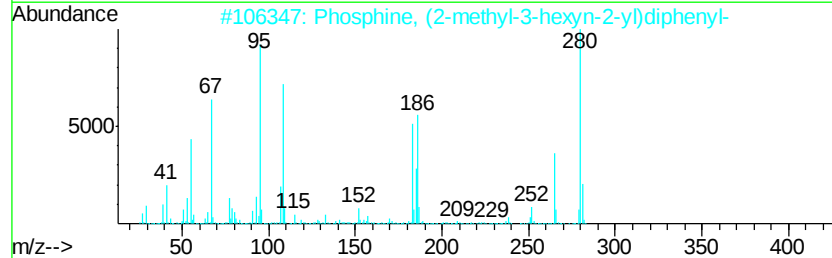
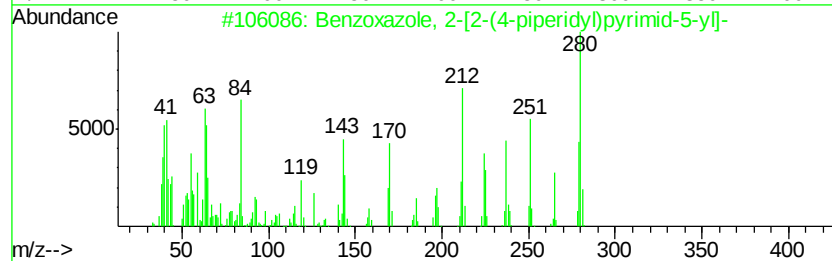
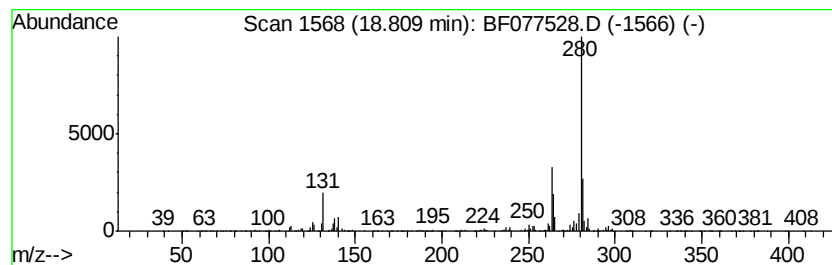
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoxazole, 2-[2-(4-piperi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	95.42 ng	3689080	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	95
2		Phosphine, (2-methyl-3-hexyn-2-yl)...	280	C19H21P	1000150-16-0	86
3		Pentacene, 6,13-dihydro-	280	C22H16	013579-08-3	55
4		(9E)-Styrylanthracene	280	C22H16	001895-98-3	49
5		Dibenz[a,h]anthracene, 5,6-dihydro-	280	C22H16	000153-34-4	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9

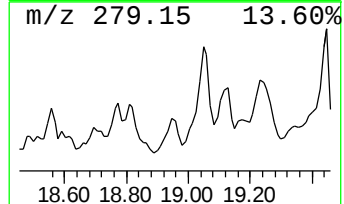
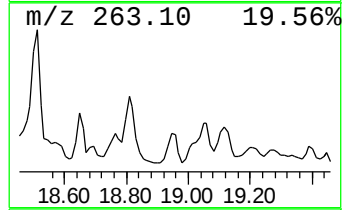
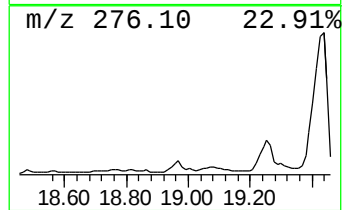
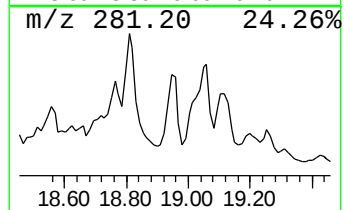
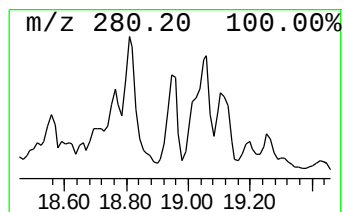
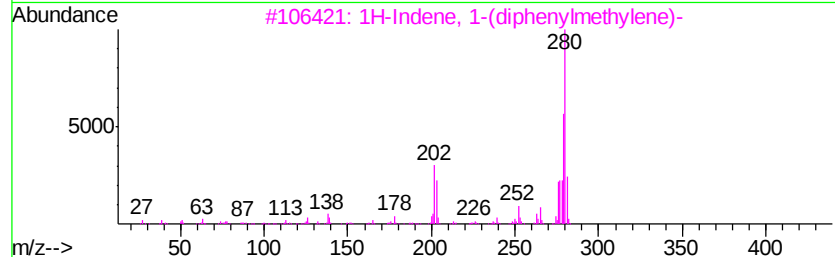
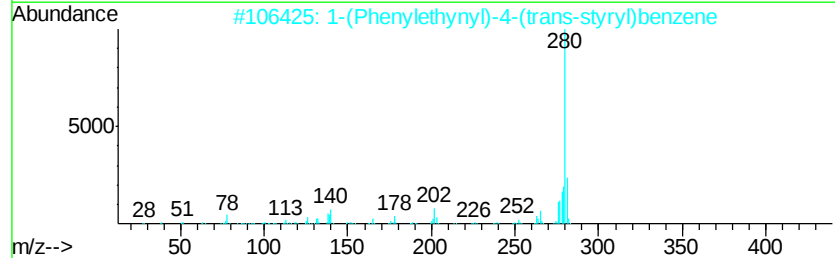
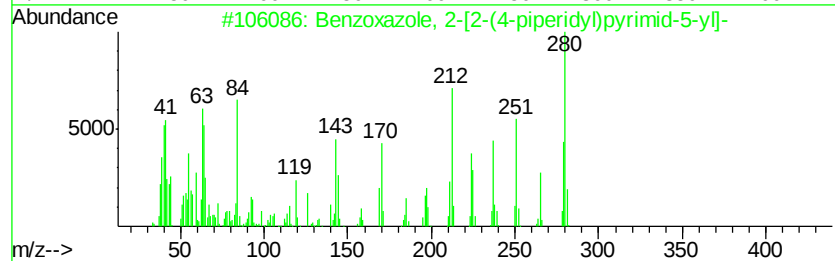
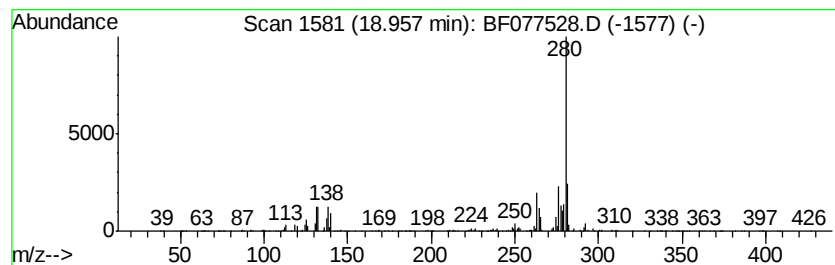
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-(Phenylethynyl)-4-(trans-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	50.15 ng	1938790	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	95
2		1-(Phenylethynyl)-4-(trans-styryl...	280	C22H16	173035-17-1	64
3		1H-Indene, 1-(diphenylmethylene)-	280	C22H16	013245-90-4	60
4		Benzene, 1,2-bis(2-pyridin-2-ylle...	280	C20H12N2	350587-04-1	52
5		Naphthalene, 1,7-diphenyl-	280	C22H16	000970-06-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9

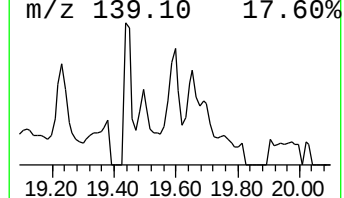
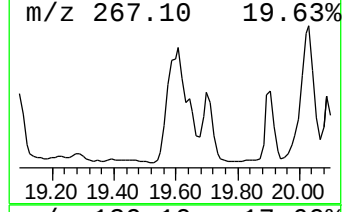
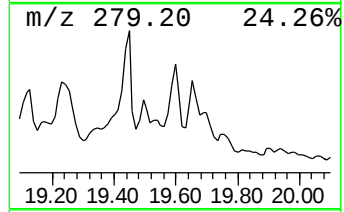
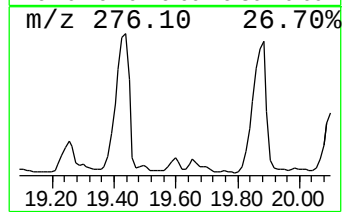
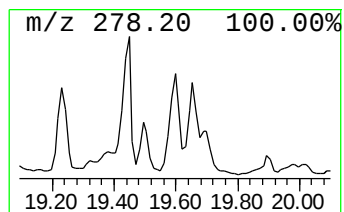
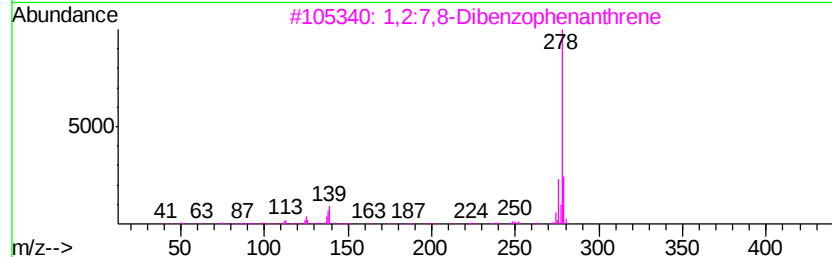
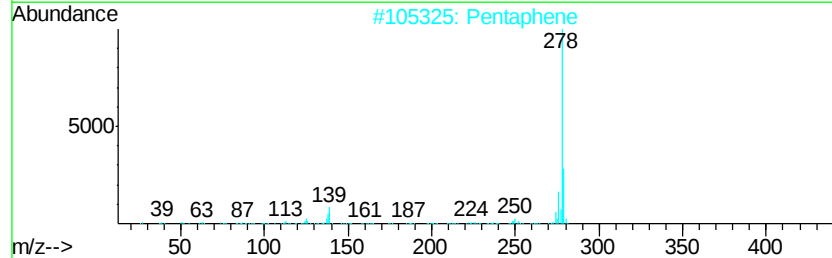
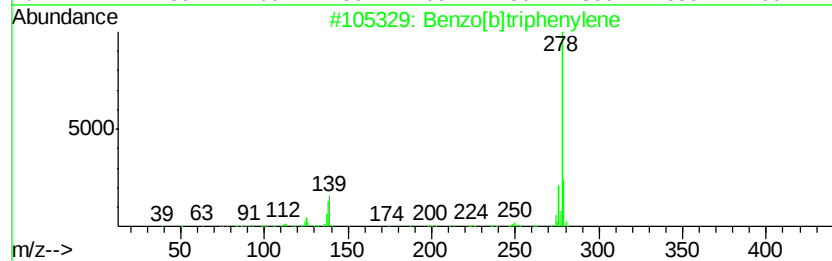
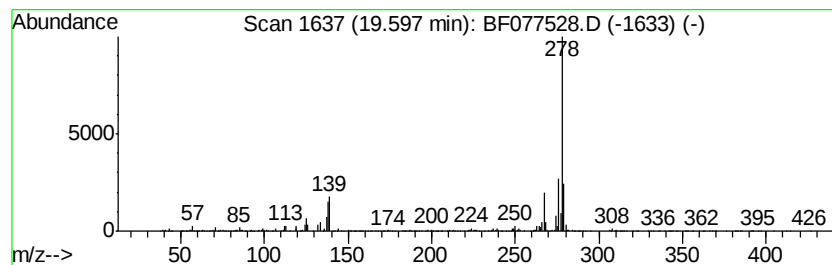
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentaphene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	54.44 ng	2104560	Perylene-d12	17.94

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9

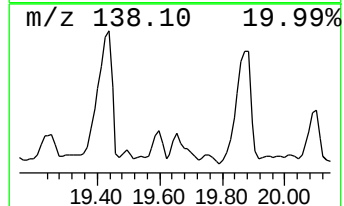
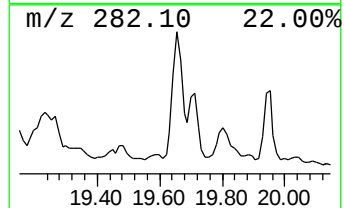
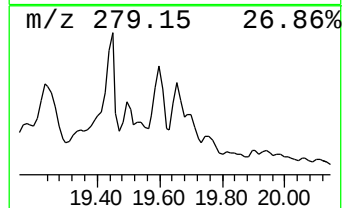
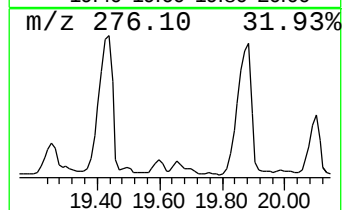
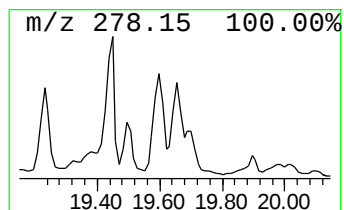
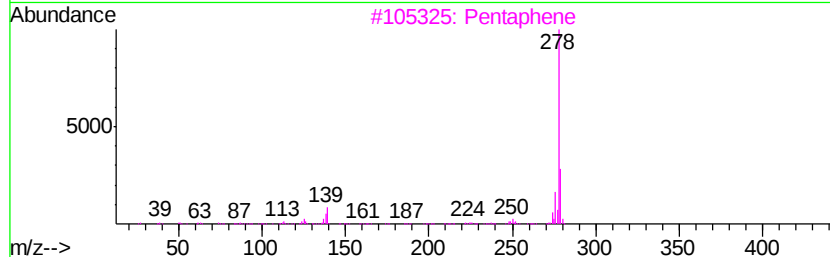
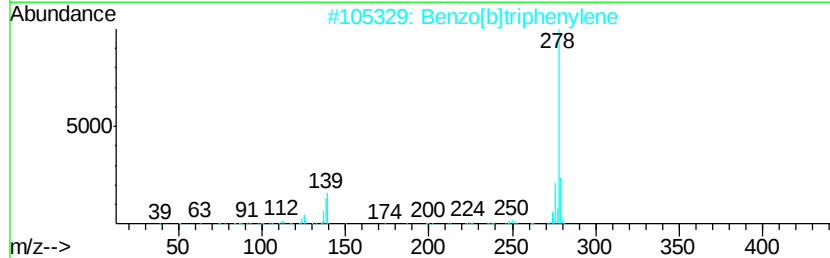
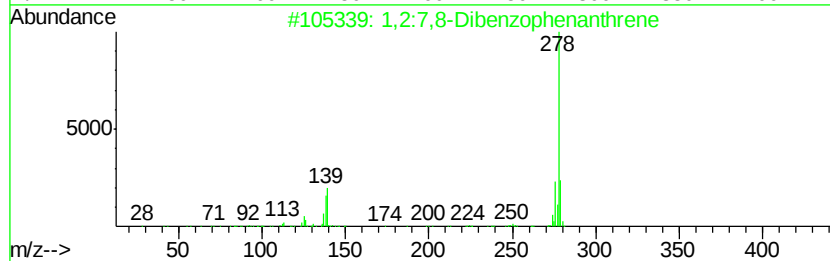
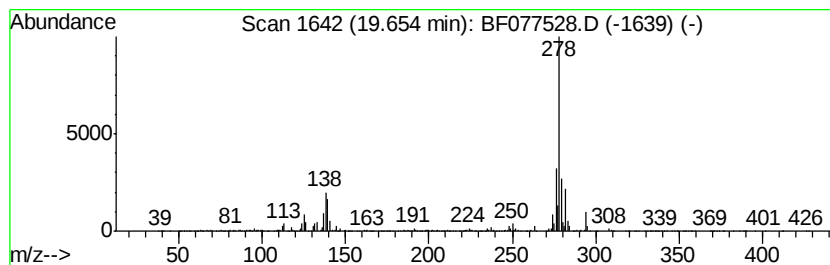
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	37.66 ng	1456120	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	98
3		Pentaphene	278	C22H14	000222-93-5	93
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
5		Benzo[b]chrysene	278	C22H14	000214-17-5	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077528.D
Acq On : 2 Mar 2015 17:59
Operator : TP/IZ
Sample : G1399-01 5X
Misc : S
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB9

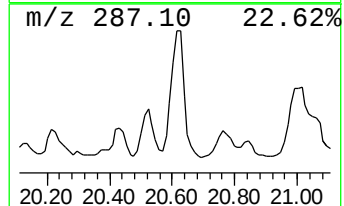
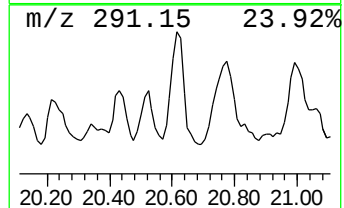
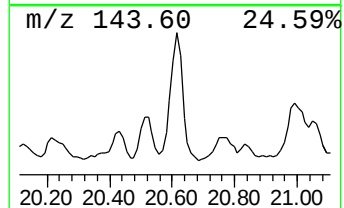
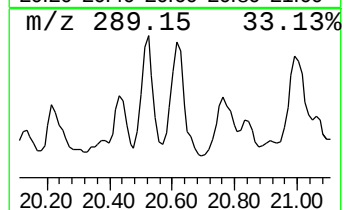
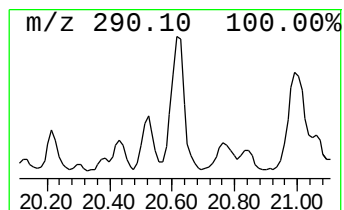
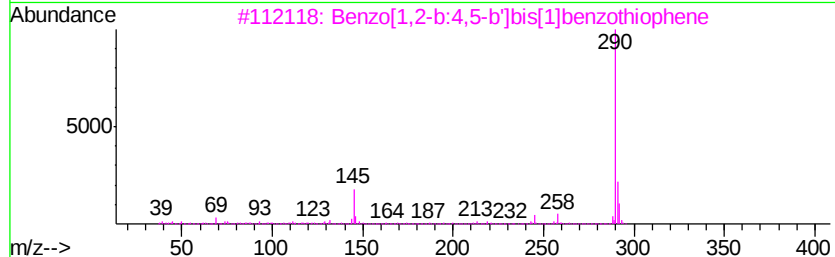
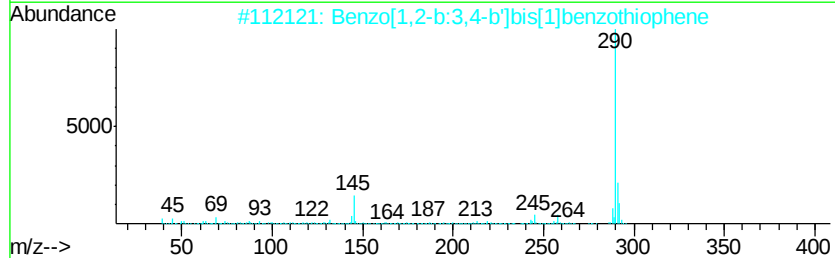
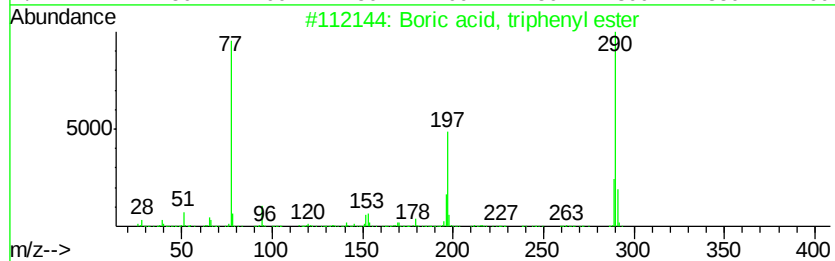
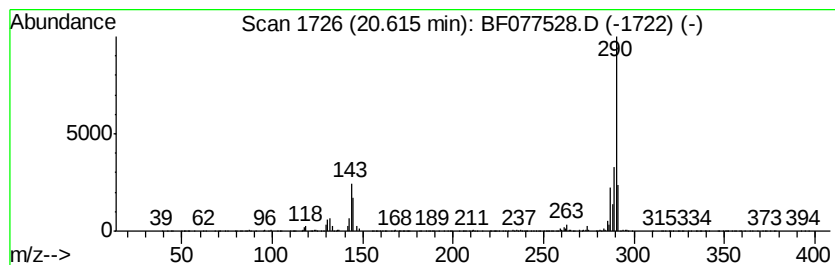
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown20.61 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	45.32 ng	1752340	Perylene-d12	17.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boric acid, triphenyl ester	290	C18H15B03	001095-03-0	47
2		Benzo[1,2-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000198-89-0	47
3		Benzo[1,2-b:4,5-b']bis[1]benzoth...	290	C18H10S2	000241-34-9	47
4		Benzo[2,1-b:3,4-b']bis[1]benzoth...	290	C18H10S2	000222-24-2	43
5		Benzo[1,2-b:5,4-b']bis[1]benzoth...	290	C18H10S2	000241-37-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077528.D
 Acq On : 2 Mar 2015 17:59
 Operator : TP/IZ
 Sample : G1399-01 5X
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB9

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.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
Benz[a]anthracene...	17.06	36.8	ng	1421480	6	17.94	773232	20.0
Benz[a]anthracene...	17.11	168.0	ng	6496620	6	17.94	773232	20.0
Benzo[c]phenanthr...	17.17	87.2	ng	3372040	6	17.94	773232	20.0
Benz[a]anthracene...	17.22	112.5	ng	4348730	6	17.94	773232	20.0
unknown17.30	17.30	77.4	ng	2994090	6	17.94	773232	20.0
Benzo[e]pyrene	17.61	70.1	ng	2710380	6	17.94	773232	20.0
unknown17.64	17.64	36.1	ng	1395260	6	17.94	773232	20.0
unknown17.73	17.73	138.7	ng	5361320	6	17.94	773232	20.0
11H-Indeno[2,1-a]...	18.12	63.7	ng	2462550	6	17.94	773232	20.0
Perylene, 3-methyl-	18.31	74.2	ng	2869630	6	17.94	773232	20.0
8H-Indeno[2,1-b]p...	18.39	57.5	ng	2223220	6	17.94	773232	20.0
unknown18.51	18.51	35.8	ng	1383410	6	17.94	773232	20.0
Benzoxazole, 2-[2...	18.81	95.4	ng	3689080	6	17.94	773232	20.0
1-(Phenylethynyl)...	18.96	50.1	ng	1938790	6	17.94	773232	20.0
Pentaphene	19.60	54.4	ng	2104560	6	17.94	773232	20.0
1,2:7,8-Dibenzoph...	19.65	37.7	ng	1456120	6	17.94	773232	20.0
unknown20.61	20.61	45.3	ng	1752340	6	17.94	773232	20.0