

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127408.D
 Acq On : 18 Mar 2022 23:15
 Operator : CG\JU
 Sample : N1983-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	539	542	560	rBV	1158261	1048088	49.23%	5.157%
2	6.487	710	714	731	rBV	859399	866215	40.69%	4.263%
3	6.857	773	777	785	rBB	253352	218948	10.28%	1.077%
4	7.422	869	873	876	rBV	670844	548758	25.78%	2.700%
5	8.139	991	995	997	rBV	347790	300044	14.09%	1.476%
6	8.157	997	998	1002	rVB	200716	149991	7.05%	0.738%
7	8.851	1112	1116	1119	rBV	415906	315941	14.84%	1.555%
8	8.904	1123	1125	1128	rBV	28296	26229	1.23%	0.129%
9	8.951	1128	1133	1136	rVV	250651	197811	9.29%	0.973%
10	9.210	1174	1177	1181	rVB	1134372	1005927	47.25%	4.950%
11	9.316	1192	1195	1200	rBV	142449	116471	5.47%	0.573%
12	9.410	1208	1211	1218	rVB	54054	55211	2.59%	0.272%
13	9.475	1218	1222	1227	rBV	109573	147002	6.90%	0.723%
14	9.551	1231	1235	1237	rBV	173689	165515	7.77%	0.814%
15	9.580	1237	1240	1243	rVB	92235	81696	3.84%	0.402%
16	9.669	1251	1255	1260	rBV2	78874	86732	4.07%	0.427%
17	9.751	1264	1269	1272	rBV2	53778	54626	2.57%	0.269%
18	9.875	1284	1290	1291	rBV	106626	83226	3.91%	0.410%
19	9.898	1291	1294	1296	rVV	469546	425041	19.96%	2.092%
20	9.927	1296	1299	1303	rVV	1054438	882731	41.46%	4.344%
21	9.969	1303	1306	1308	rVV	42614	38705	1.82%	0.190%
22	9.998	1308	1311	1315	rVV	33186	47750	2.24%	0.235%
23	10.051	1315	1320	1324	rVV2	54868	67944	3.19%	0.334%
24	10.104	1324	1329	1332	rVV	677796	643639	30.23%	3.167%
25	10.133	1332	1334	1338	rVB	59565	53607	2.52%	0.264%
26	10.210	1344	1347	1350	rBV	48465	52227	2.45%	0.257%
27	10.239	1350	1352	1357	rVB	49558	41458	1.95%	0.204%
28	10.304	1358	1363	1364	rBV	38066	49767	2.34%	0.245%
29	10.398	1376	1379	1383	rVB3	37838	41301	1.94%	0.203%
30	10.445	1383	1387	1392	rVB	949170	803480	37.74%	3.954%
31	10.492	1392	1395	1396	rBV	59046	46662	2.19%	0.230%
32	10.510	1396	1398	1399	rVV	85360	67383	3.17%	0.332%
33	10.527	1399	1401	1404	rVV	139745	124844	5.86%	0.614%
34	10.580	1407	1410	1411	rVV	59131	58272	2.74%	0.287%
35	10.598	1411	1413	1418	rVB	160546	142162	6.68%	0.700%
36	10.686	1424	1428	1432	rBV	1092411	1047042	49.18%	5.152%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.733	1432	1436	1439	rVB3	42699	54037	2.54%	0.266%
38	10.792	1442	1446	1450	rBV4	61253	82962	3.90%	0.408%
39	10.874	1458	1460	1463	rVB2	37649	32084	1.51%	0.158%
40	10.992	1473	1480	1483	rBV2	131353	154922	7.28%	0.762%
41	11.022	1483	1485	1487	rVV2	68507	59284	2.78%	0.292%
42	11.074	1491	1494	1497	rVV2	61445	56735	2.66%	0.279%
43	11.116	1497	1501	1503	rVV3	52241	73504	3.45%	0.362%
44	11.139	1503	1505	1507	rVV2	61886	58434	2.74%	0.288%
45	11.198	1511	1515	1517	rVV4	30464	41323	1.94%	0.203%
46	11.233	1517	1521	1525	rVV2	77478	114233	5.37%	0.562%
47	11.286	1527	1530	1536	rVB	224977	208313	9.78%	1.025%
48	11.386	1541	1547	1549	rBV	411201	426648	20.04%	2.099%
49	11.422	1549	1553	1555	rVV	2388845	2128993	100.00%	10.476%
50	11.463	1555	1560	1563	rVV	326734	314274	14.76%	1.546%
51	11.498	1563	1566	1571	rVB2	69585	84421	3.97%	0.415%
52	11.621	1582	1587	1592	rBV2	171275	197822	9.29%	0.973%
53	11.680	1595	1597	1601	rVV2	39109	37425	1.76%	0.184%
54	11.716	1601	1603	1609	rVB4	20131	28298	1.33%	0.139%
55	11.798	1615	1617	1622	rVB3	22236	24357	1.14%	0.120%
56	11.886	1627	1632	1635	rBV	181322	176080	8.27%	0.866%
57	11.916	1635	1637	1641	rVB	227104	193892	9.11%	0.954%
58	11.963	1641	1645	1648	rBV	75698	74489	3.50%	0.367%
59	12.004	1648	1652	1654	rBV	318431	299898	14.09%	1.476%
60	12.069	1661	1663	1666	rBV2	36802	31435	1.48%	0.155%
61	12.180	1679	1682	1686	rBV	103046	94952	4.46%	0.467%
62	12.216	1686	1688	1691	rVB	32364	28243	1.33%	0.139%
63	12.333	1703	1708	1710	rBV2	31042	35739	1.68%	0.176%
64	12.363	1710	1713	1715	rVB2	28800	24522	1.15%	0.121%
65	12.433	1722	1725	1728	rBV	45226	48619	2.28%	0.239%
66	12.533	1738	1742	1746	rVB3	26414	41895	1.97%	0.206%
67	12.604	1750	1754	1758	rBV	1044161	919462	43.19%	4.525%
68	12.645	1758	1761	1763	rBV2	30475	30717	1.44%	0.151%
69	12.668	1763	1765	1768	rVB2	31617	27223	1.28%	0.134%
70	12.757	1772	1780	1782	rBV2	46842	59320	2.79%	0.292%
71	12.833	1787	1793	1799	rBV2	699130	837621	39.34%	4.122%
72	12.880	1799	1801	1809	rVB2	48282	49851	2.34%	0.245%
73	12.974	1810	1817	1820	rBV	1683956	1491152	70.04%	7.338%
74	13.045	1826	1829	1834	rVB3	39099	66105	3.10%	0.325%
75	13.139	1841	1845	1846	rBV3	34137	35737	1.68%	0.176%
76	13.163	1846	1849	1852	rVB	107356	98033	4.60%	0.482%

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

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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.227	1857	1860	1863	rBV	114830	92294	4.34%	0.454%
78	13.263	1863	1866	1869	rBV2	37316	42892	2.01%	0.211%
79	13.392	1885	1888	1893	rBV2	26695	33851	1.59%	0.167%
80	13.586	1919	1921	1928	rVB4	18388	26903	1.26%	0.132%
81	13.780	1949	1954	1957	rBV	34841	40727	1.91%	0.200%
82	13.951	1978	1983	1988	rBV4	15115	31758	1.49%	0.156%
83	13.998	1988	1991	1993	rVV2	48114	51319	2.41%	0.253%
84	14.033	1993	1997	2000	rVV2	386299	431013	20.24%	2.121%
85	14.057	2000	2001	2005	rVV	90766	73199	3.44%	0.360%
86	14.139	2009	2015	2018	rBV5	19349	26585	1.25%	0.131%
87	15.080	2171	2175	2178	rBV	41576	58325	2.74%	0.287%
88	15.110	2178	2180	2187	rVB3	22243	40708	1.91%	0.200%
89	15.392	2224	2228	2233	rVB	20441	27052	1.27%	0.133%
90	15.451	2235	2238	2243	rVB	27970	35214	1.65%	0.173%
91	15.515	2243	2249	2254	rBV	231608	285765	13.42%	1.406%
92	15.939	2317	2321	2326	rBV2	19326	28360	1.33%	0.140%
93	16.445	2402	2407	2414	rBV3	13197	27030	1.27%	0.133%
94	17.021	2499	2505	2507	rBV5	12693	23191	1.09%	0.114%

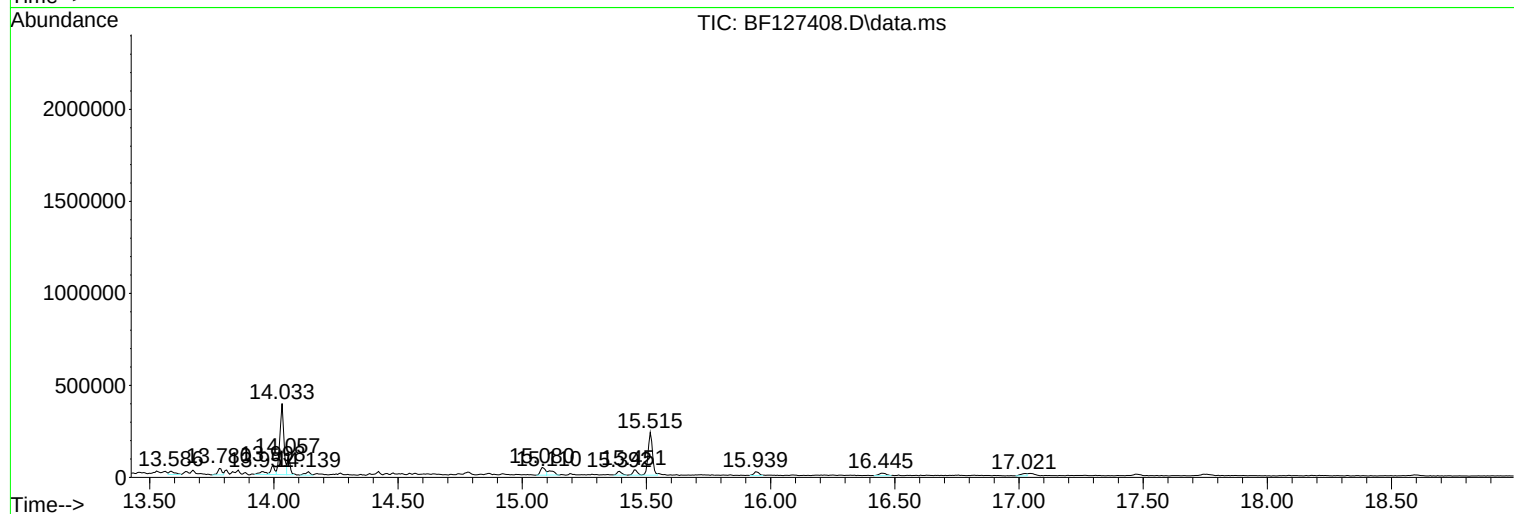
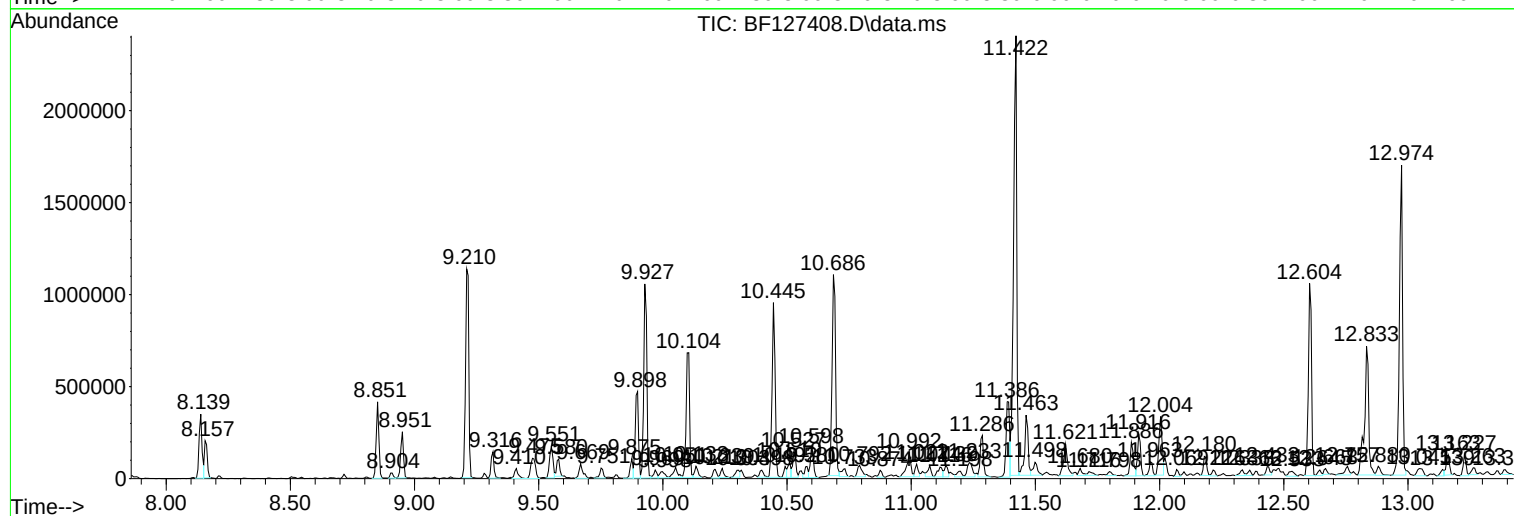
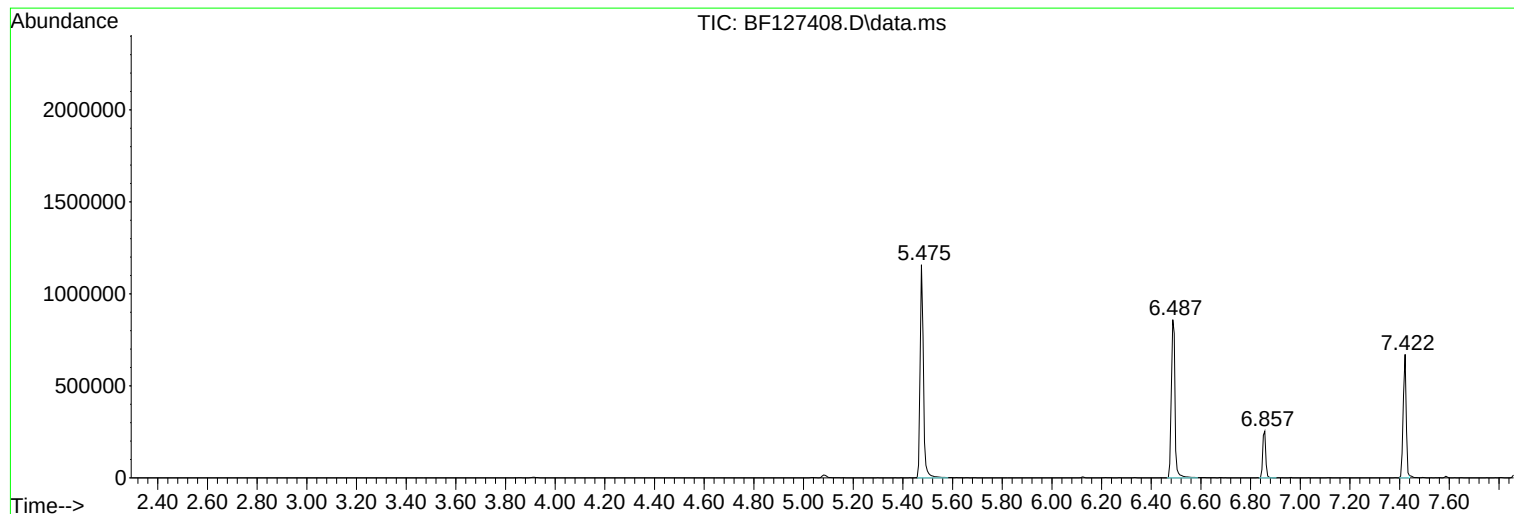
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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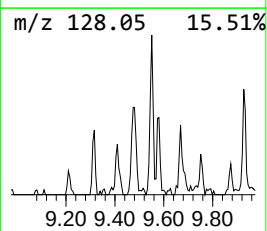
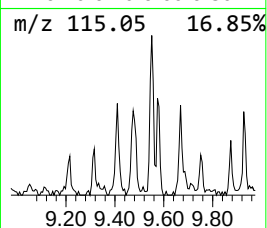
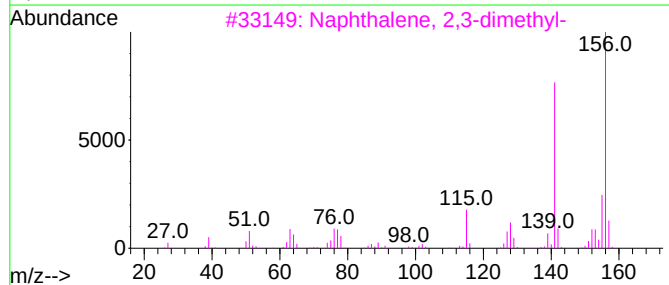
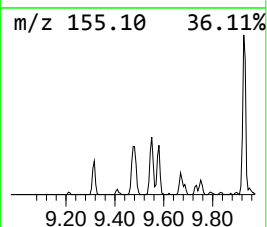
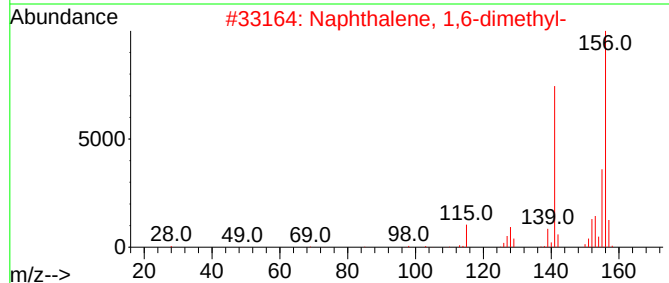
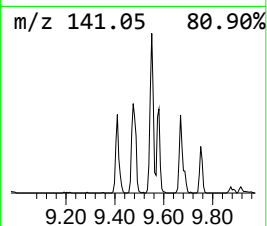
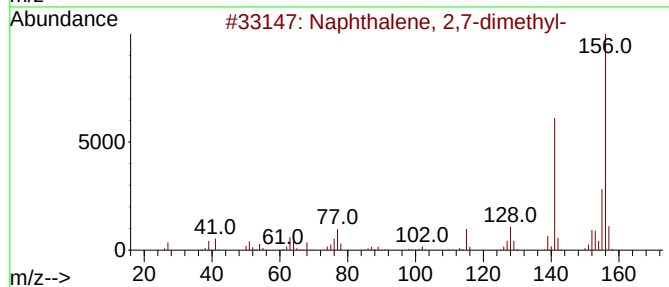
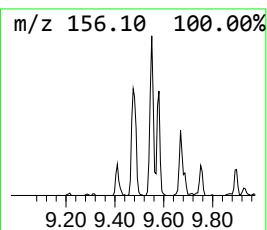
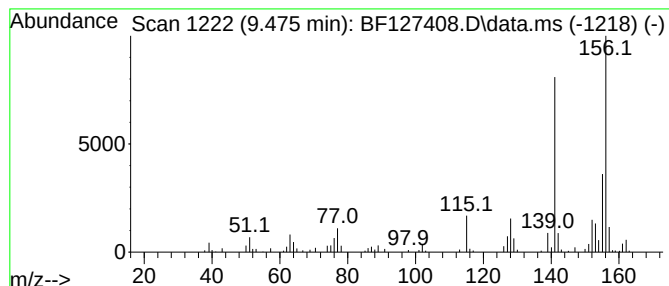
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	6.92 ng	147002	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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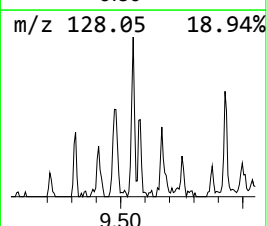
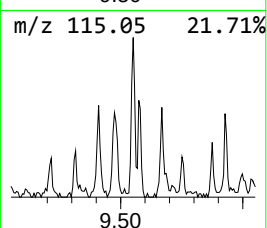
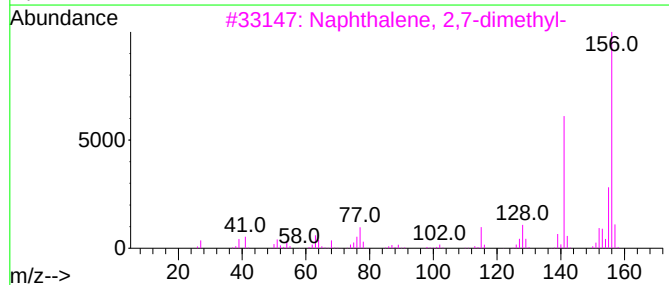
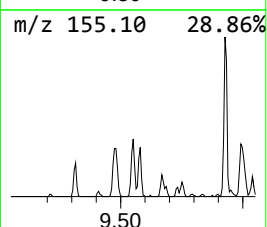
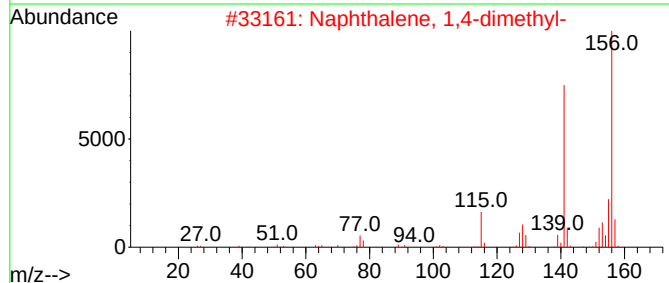
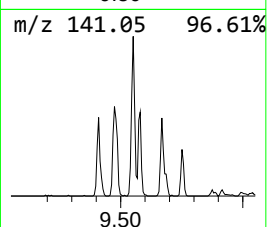
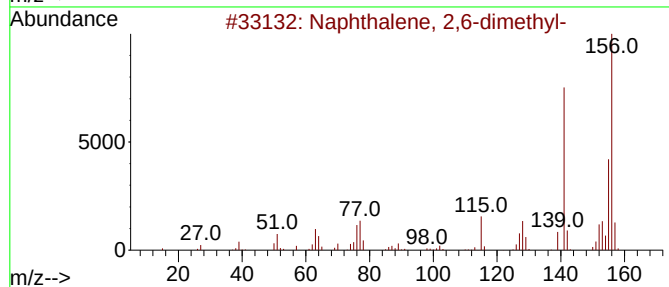
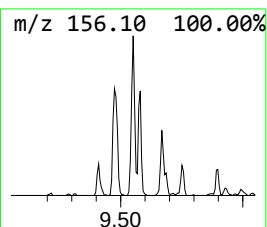
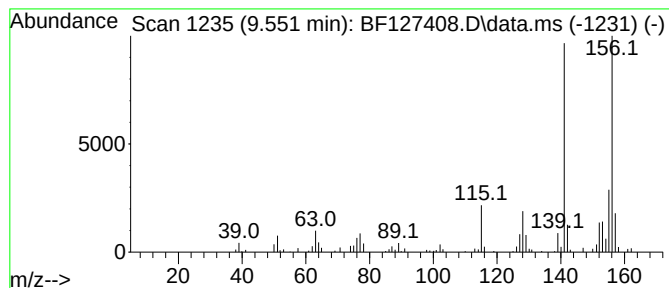
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	7.79 ng	165515	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



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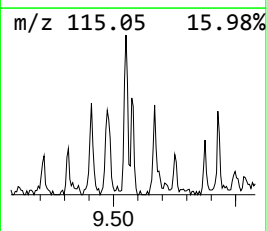
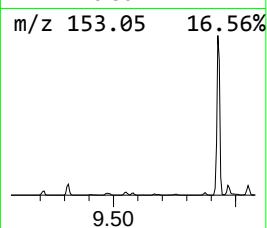
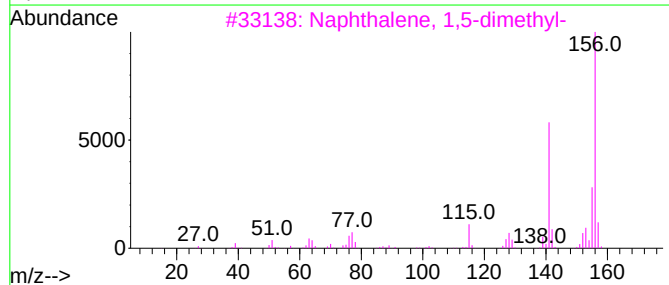
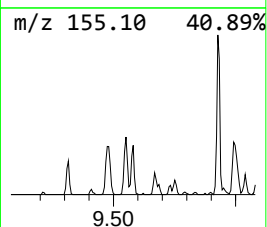
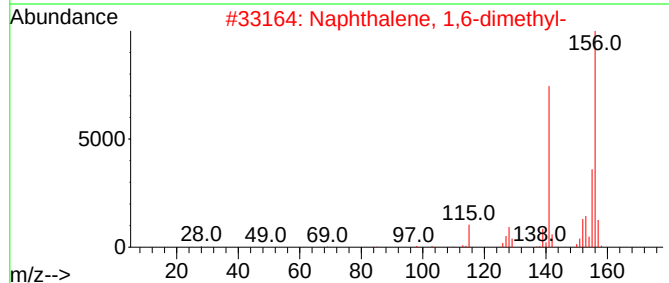
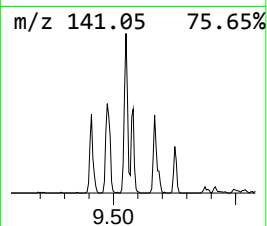
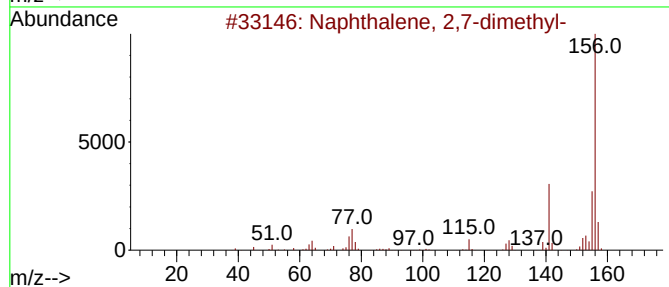
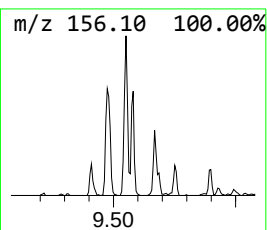
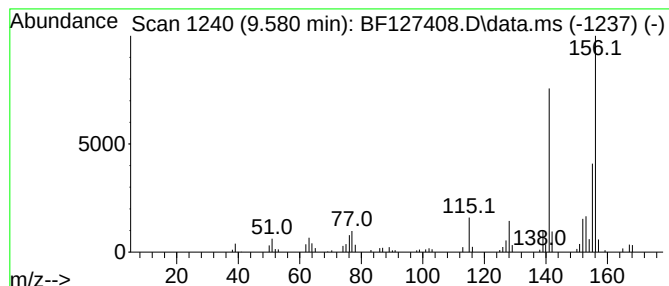
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	3.84 ng	81696	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
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Instrument :
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ClientSampleId :
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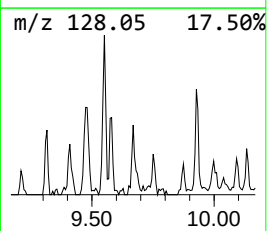
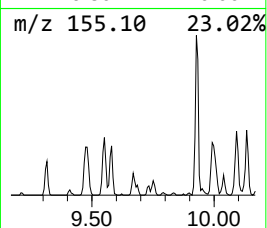
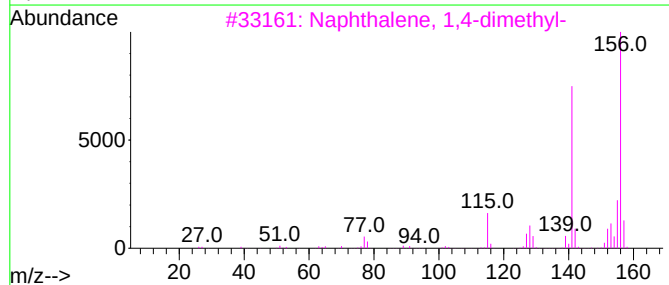
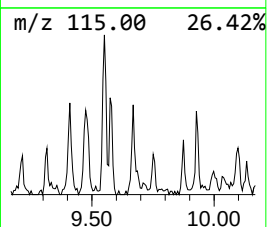
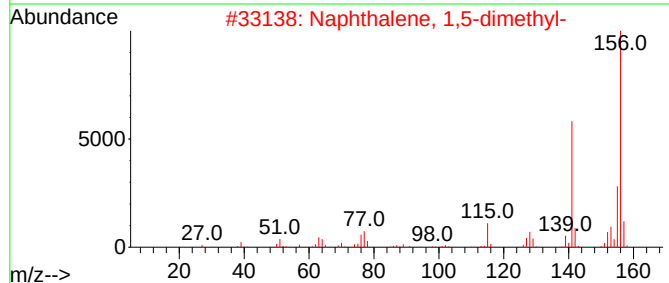
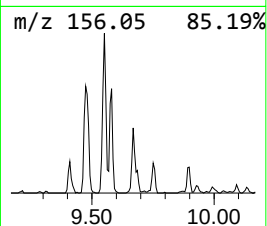
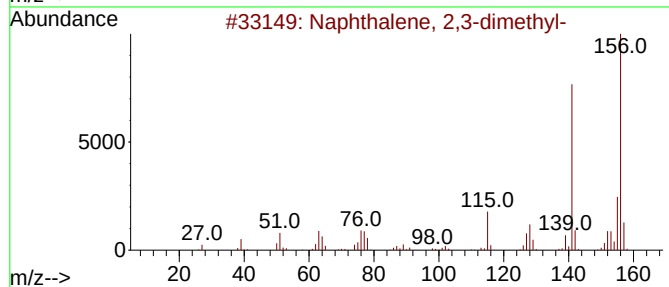
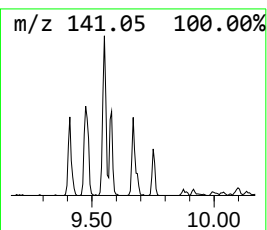
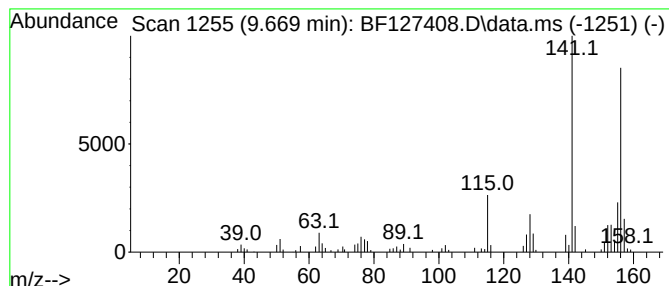
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	4.08 ng	86732	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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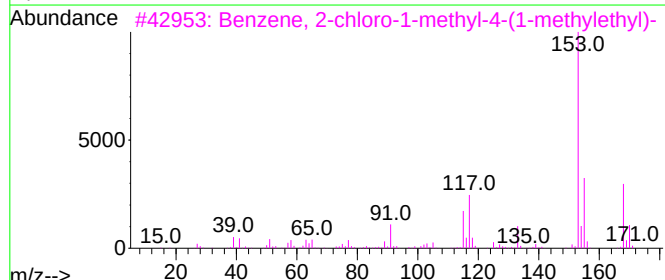
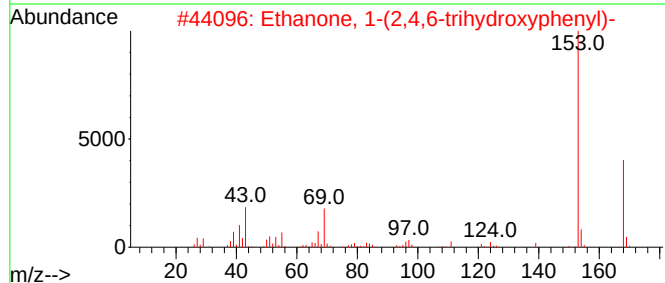
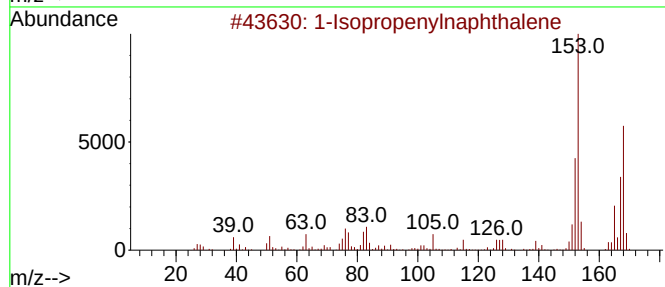
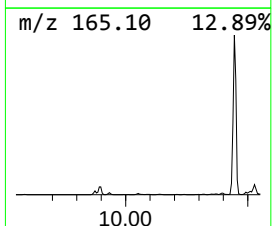
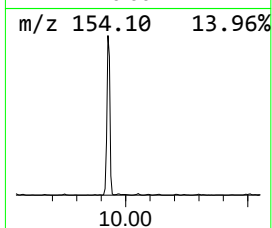
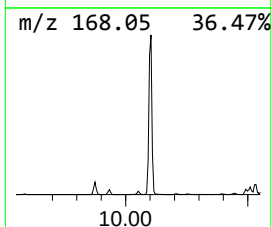
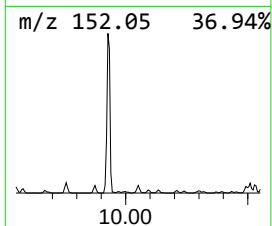
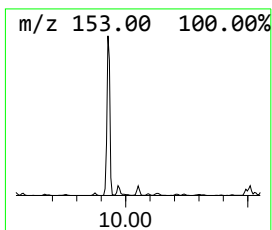
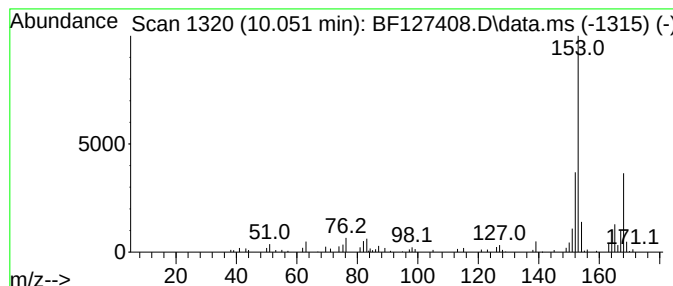
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	3.20 ng	67944	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3			Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	50
4			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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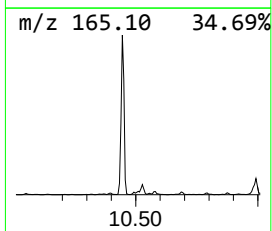
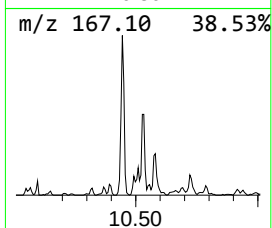
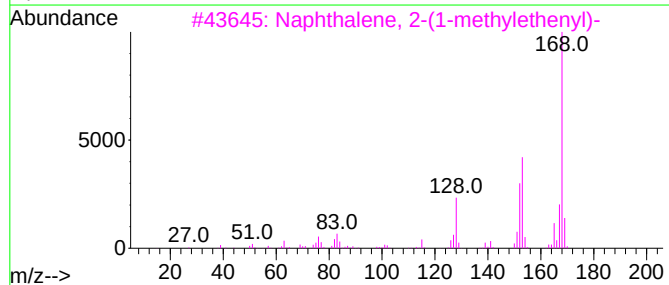
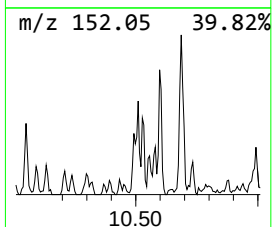
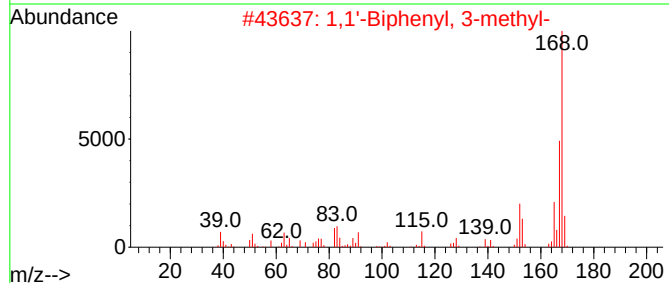
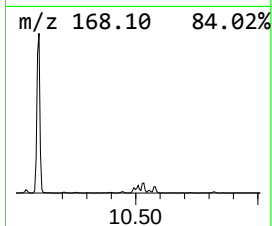
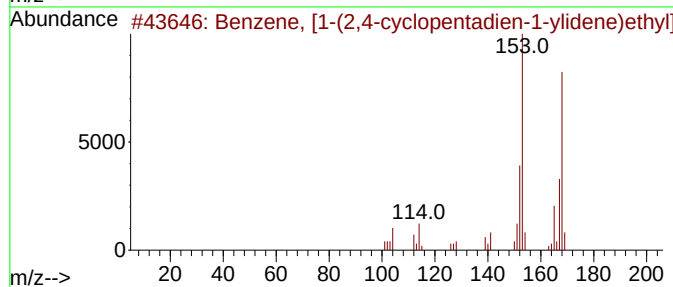
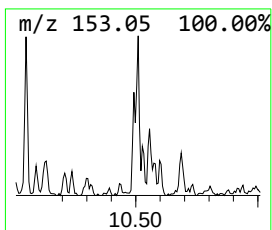
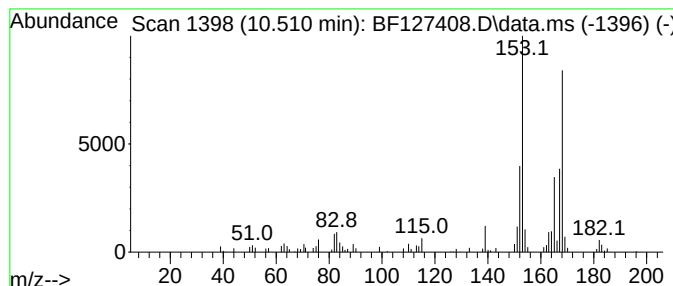
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	3.17 ng	67383	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4			Diphenylmethane	168	C13H12	000101-81-5	40
5			5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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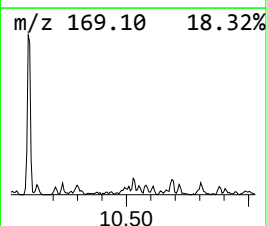
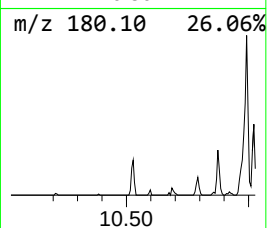
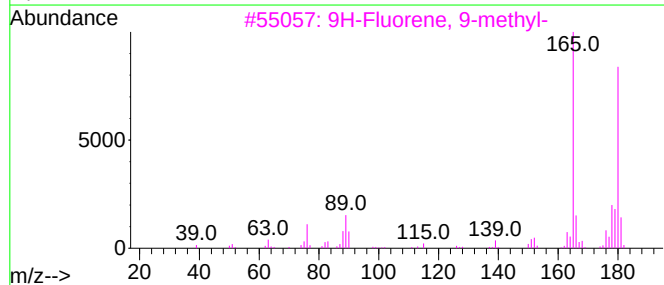
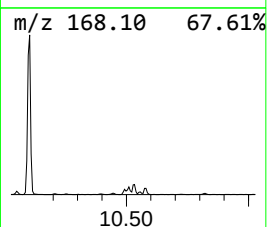
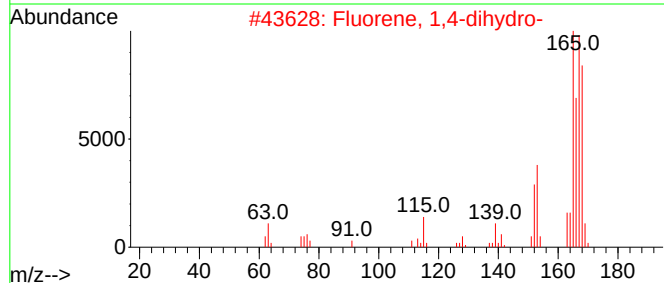
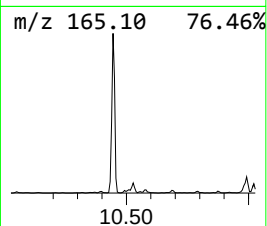
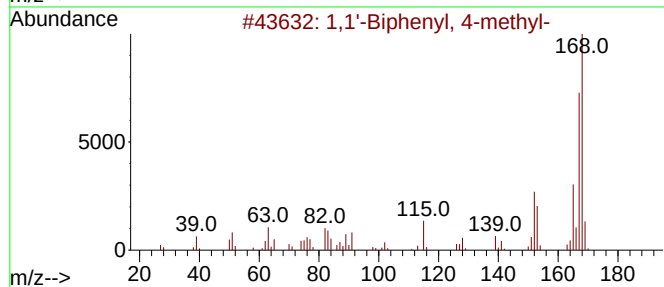
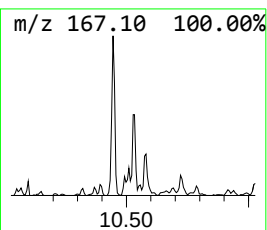
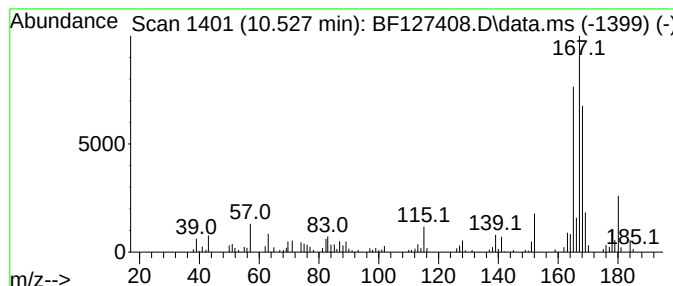
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.527 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.527	5.87 ng	124844	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-		168	C13H12		000644-08-6	38
2	Fluorene, 1,4-dihydro-		168	C13H12		041593-21-9	38
3	9H-Fluorene, 9-methyl-		180	C14H12		002523-37-7	35
4	Benzeneacetaldehyde, .alpha.-phe...		196	C14H12O		000947-91-1	35
5	1,1'-Biphenyl, 3-methyl-		168	C13H12		000643-93-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
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Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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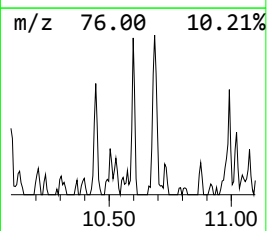
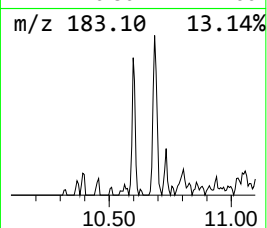
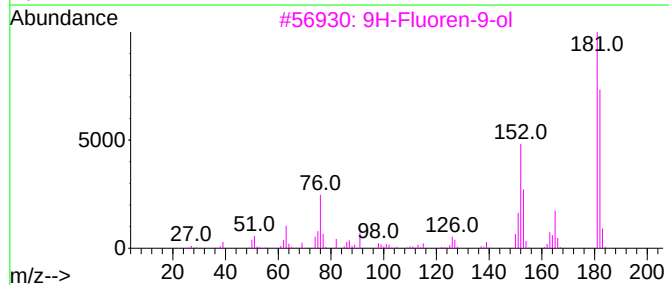
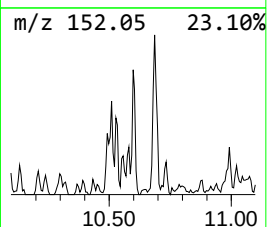
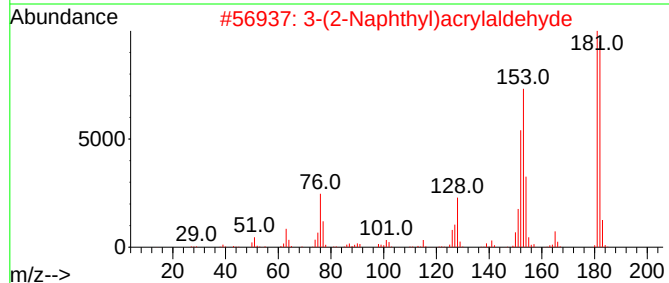
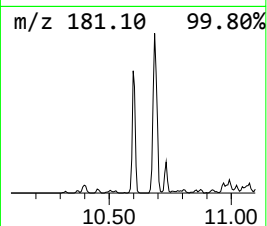
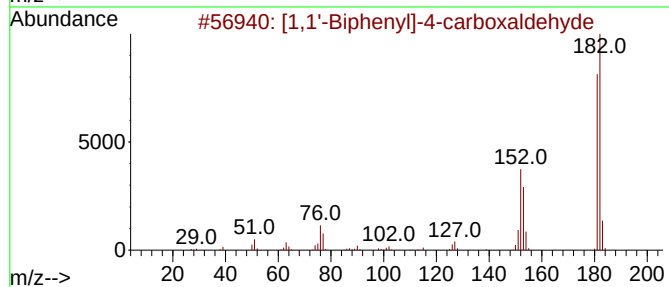
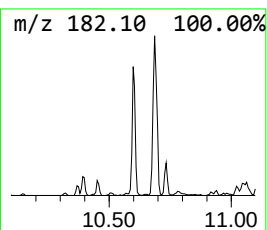
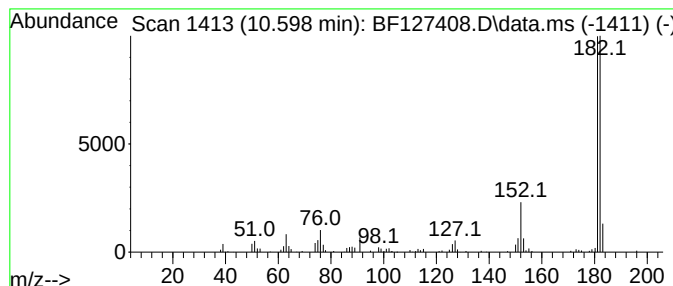
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	6.69 ng	142162	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5		Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

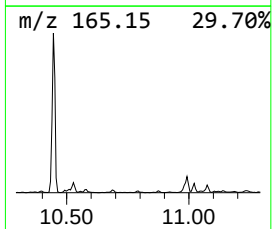
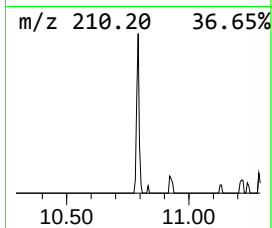
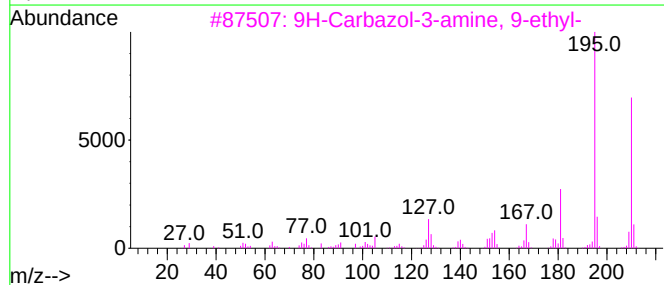
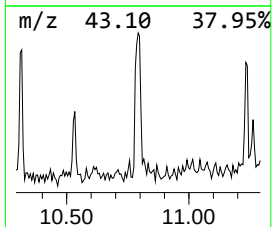
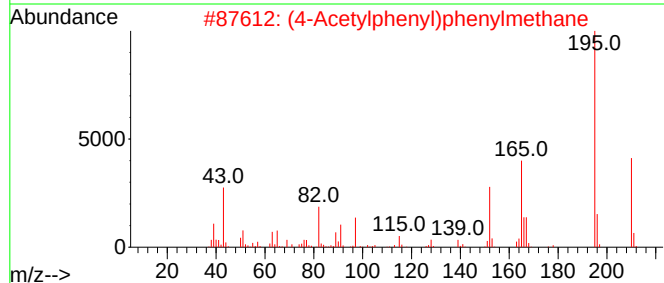
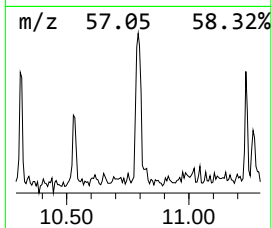
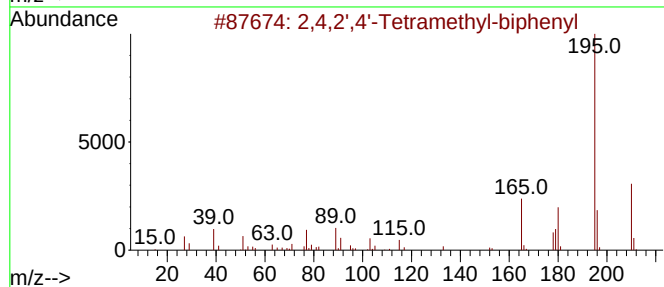
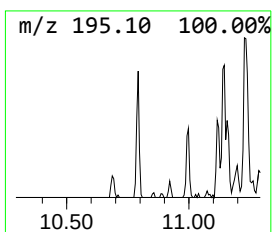
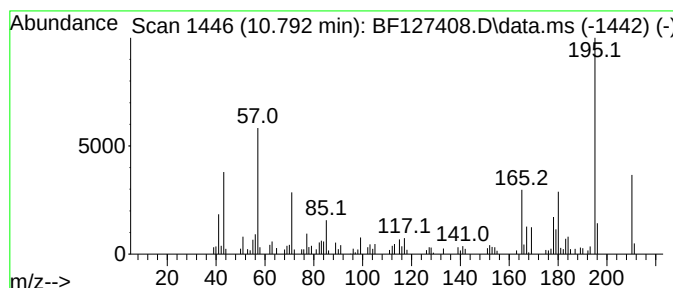
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TIC Integration Parameters: LSCINT.P

Peak Number 9 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	3.89 ng	82962	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	81		
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70		
3	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	52		
4	Carbazole, 2,6-dimethyl-	195	C14H13N	078787-80-1	47		
5	Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	47		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
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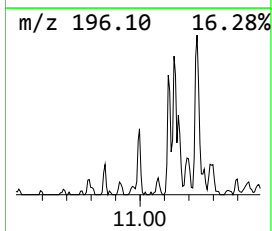
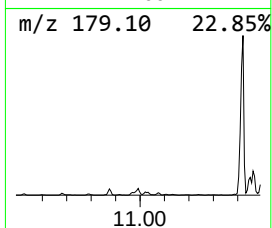
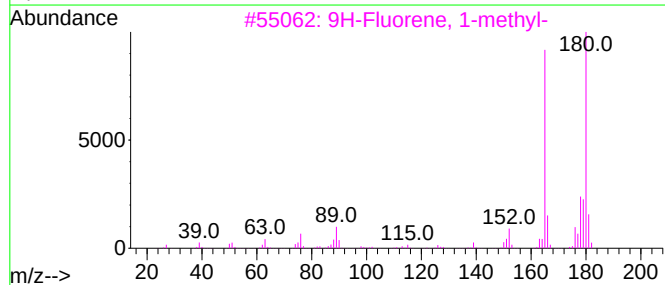
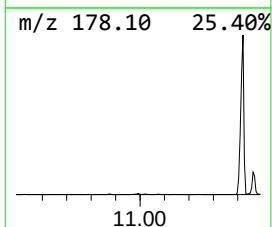
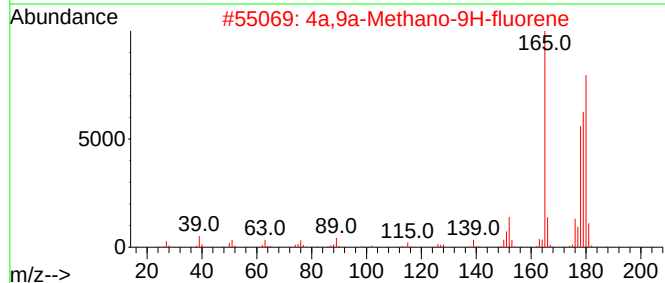
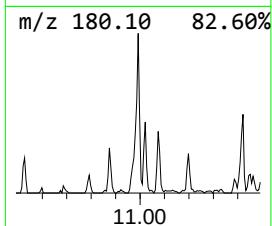
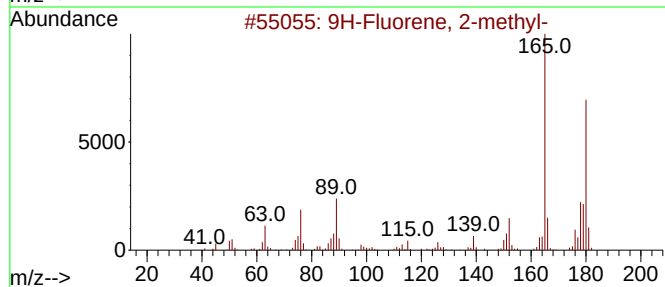
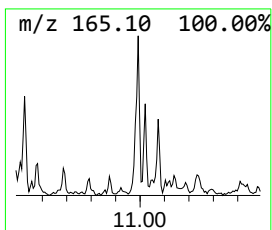
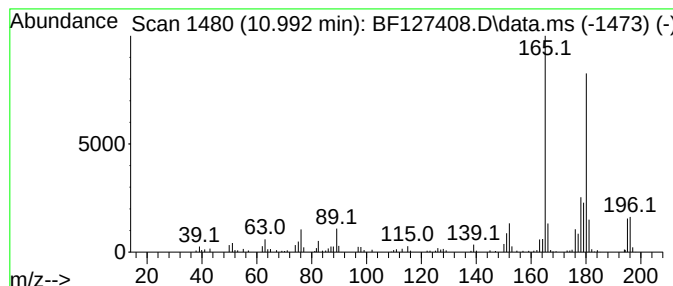
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.992	7.26 ng	154922	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

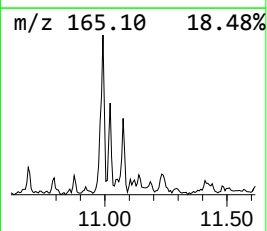
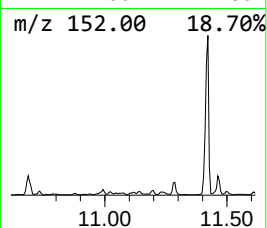
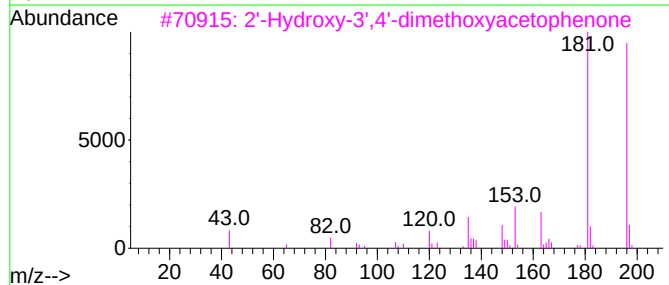
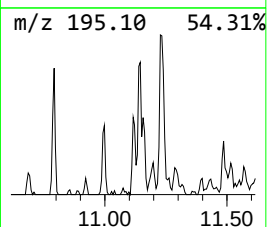
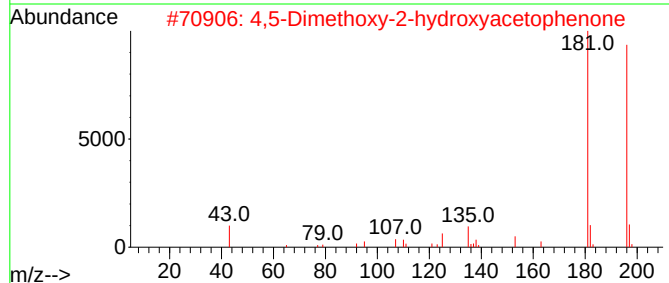
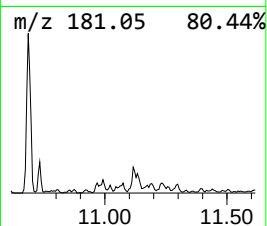
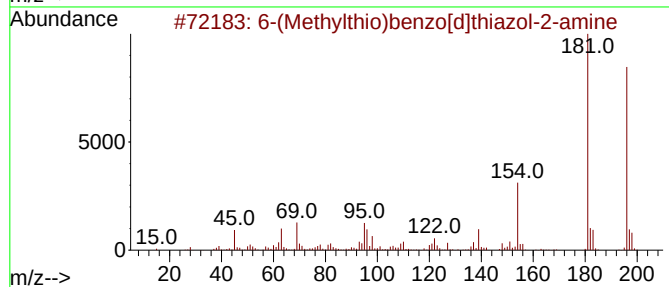
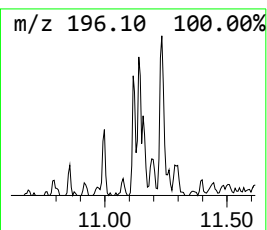
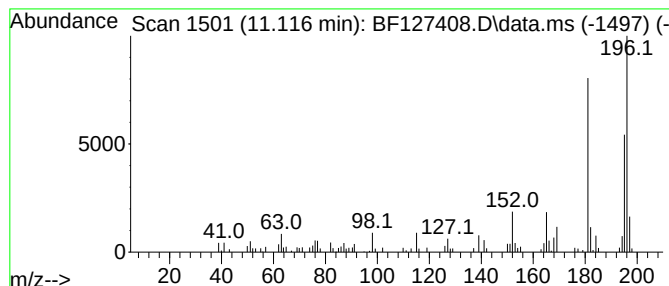
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 6-(Methylthio)benzo[d]thiaz... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.116	3.45 ng	73504	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6-(Methylthio)benzo[d]thiazol-2-...		196	C8H8N2S2	050850-92-5	62
2	4,5-Dimethoxy-2-hydroxyacetophenone		196	C10H12O4	020628-06-2	58
3	2'-Hydroxy-3',4'-dimethoxyacetop...		196	C10H12O4	1000433-07-2	58
4	phenol, 2-[(ethylamino)methyl]-4...		196	C9H12N2O3	1000400-09-7	58
5	2-[2-Phenylethenyl]phenol		196	C14H12O	042224-48-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
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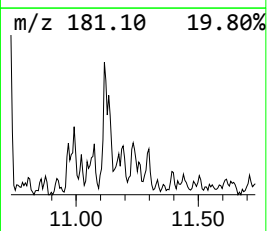
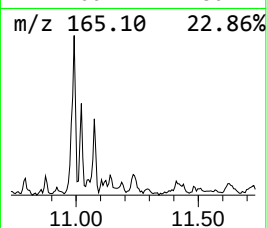
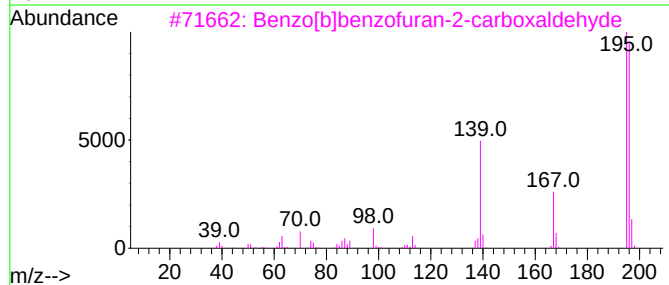
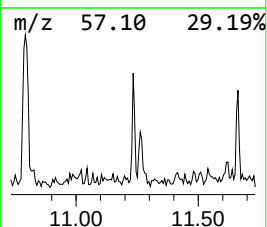
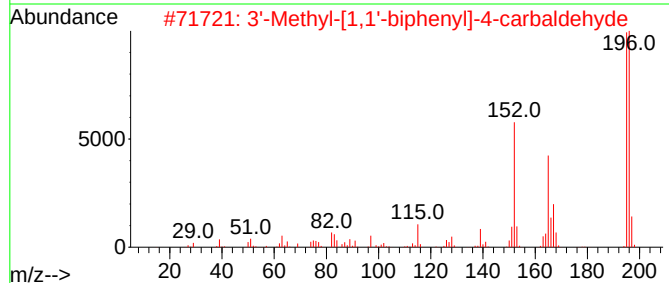
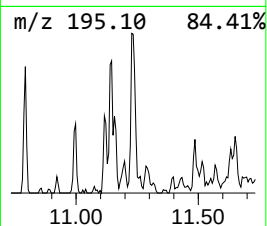
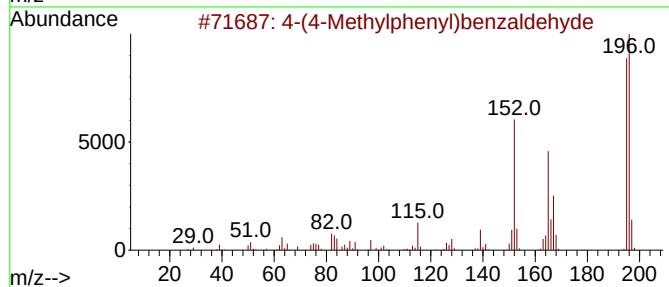
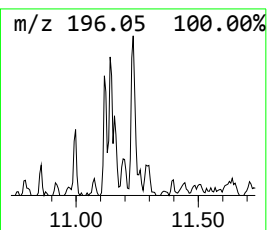
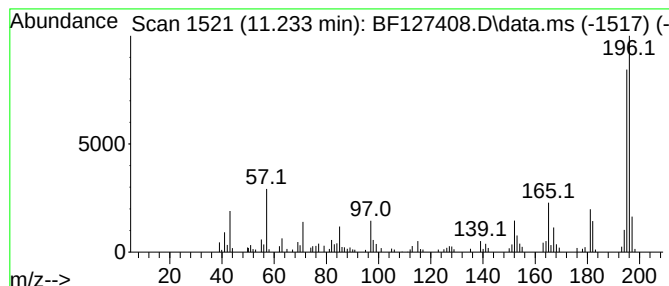
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 4-(4-Methylphenyl)benzaldehyde Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.233	5.35 ng	114233	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde		196	C14H12O	036393-42-7	76
2	3'-Methyl-[1,1'-biphenyl]-4-carb...		196	C14H12O	400744-83-4	76
3	Benzo[b]benzofuran-2-carboxaldehyde		196	C13H8O2	1000351-56-0	62
4	Phenol, 4-(2-phenylethenyl)-		196	C14H12O	003839-46-1	58
5	2-[2-Phenylethenyl]phenol		196	C14H12O	042224-48-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
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Sample : N1983-05
Misc :
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Instrument :
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ClientSampleId :
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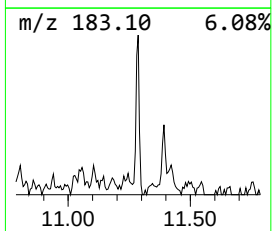
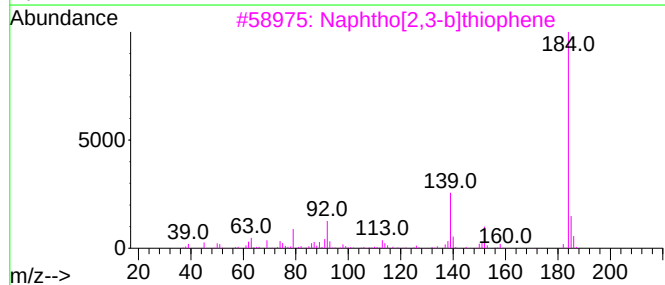
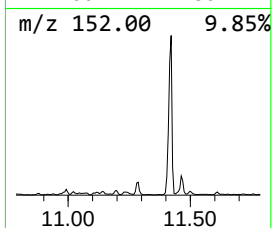
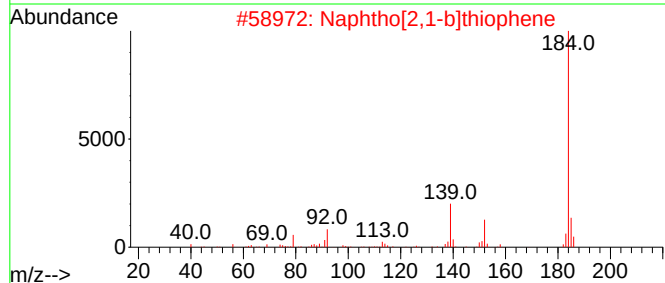
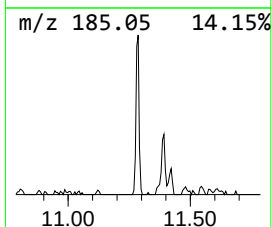
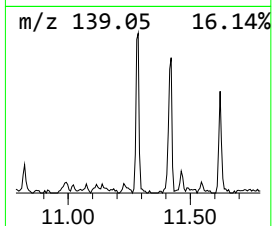
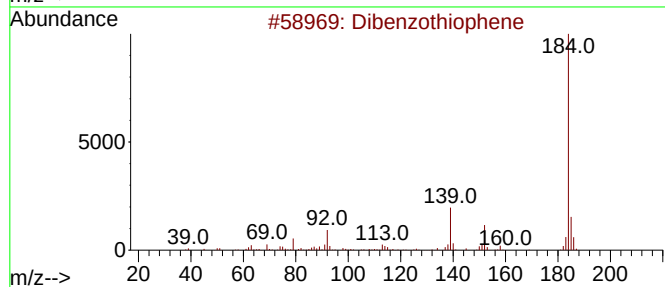
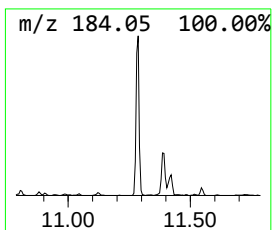
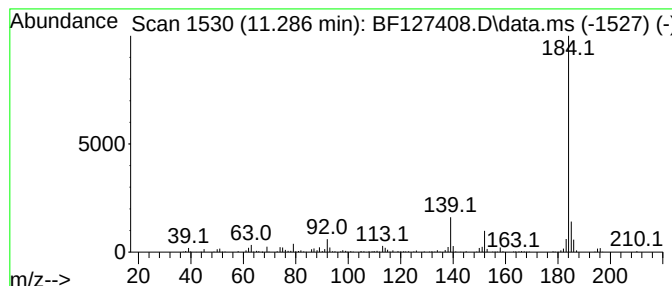
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	9.77 ng	208313	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
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Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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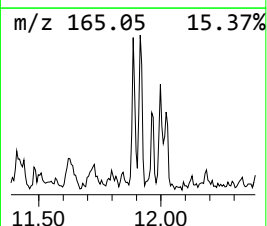
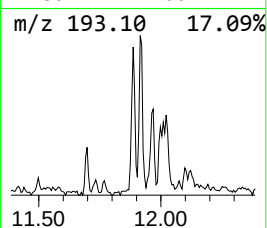
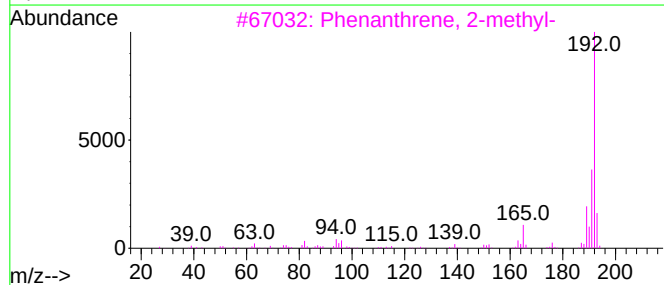
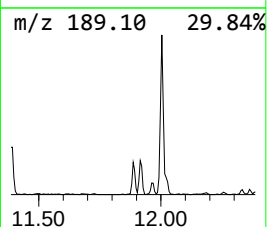
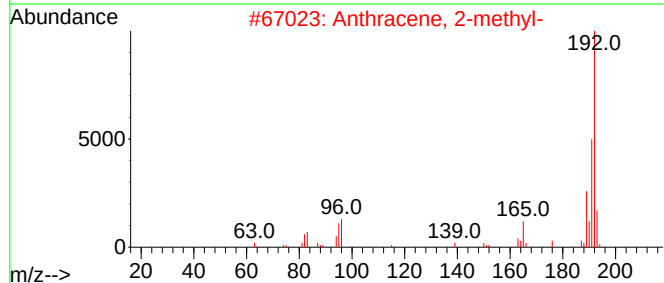
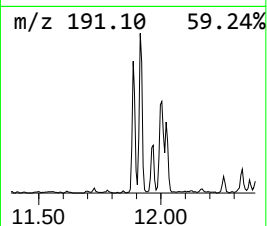
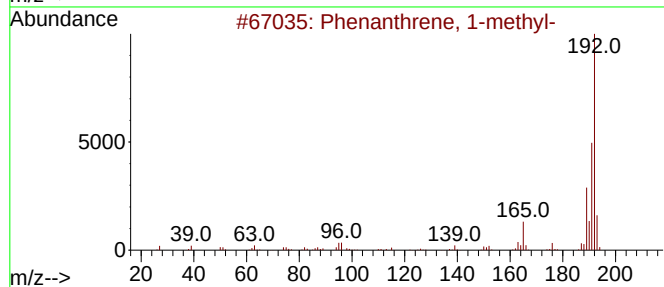
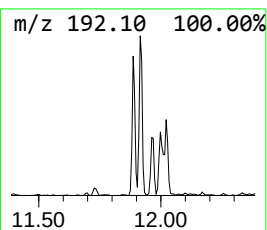
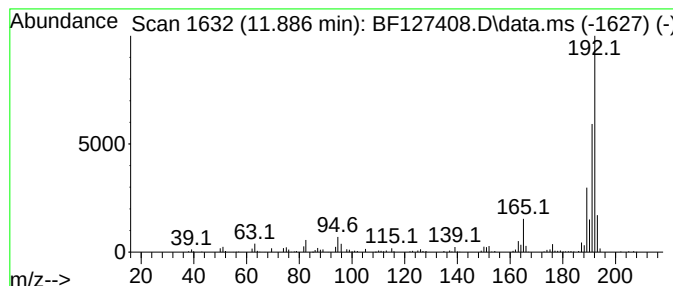
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	8.25 ng	176080	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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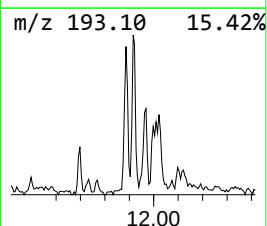
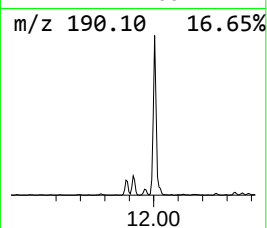
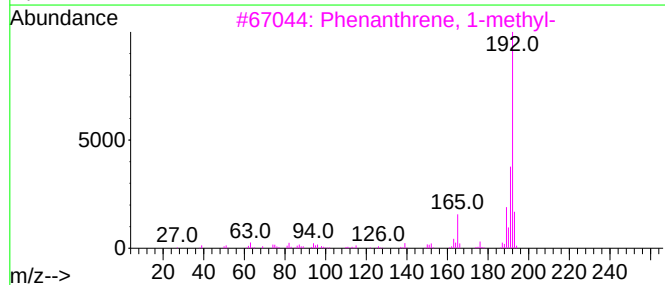
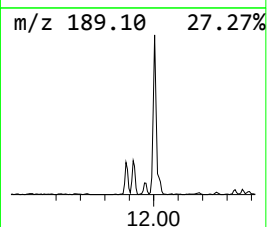
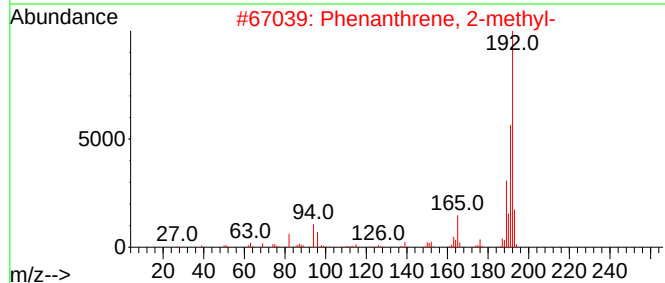
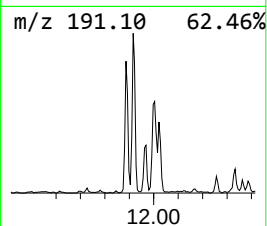
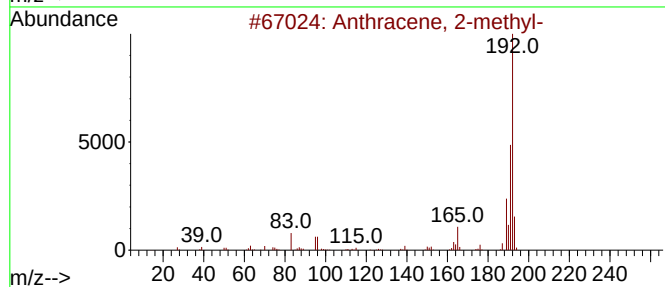
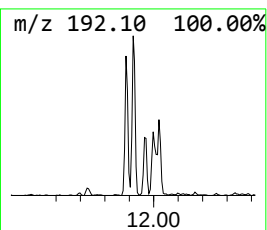
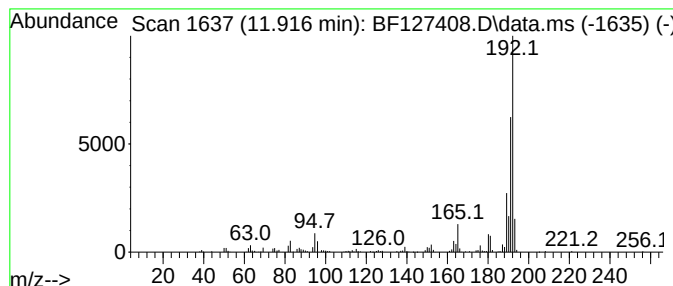
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.09 ng	193892	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
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Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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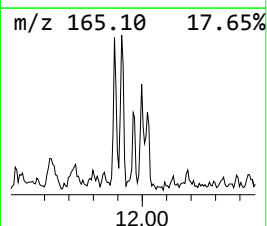
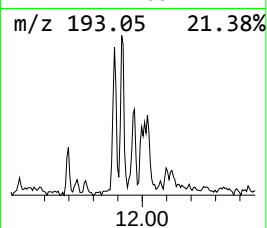
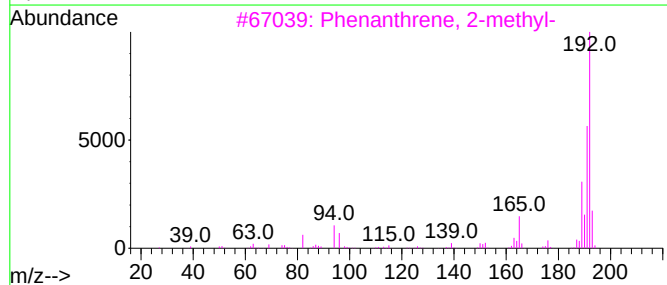
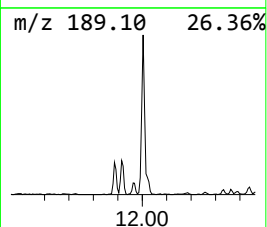
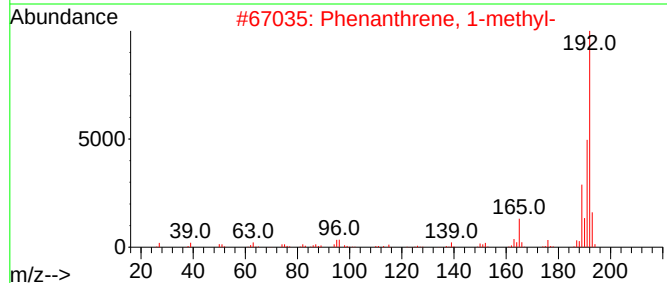
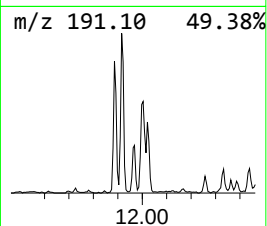
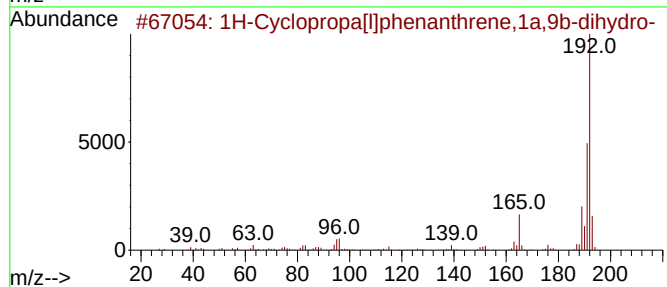
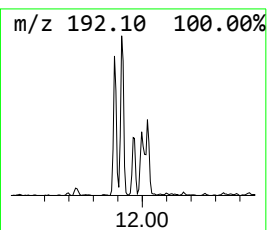
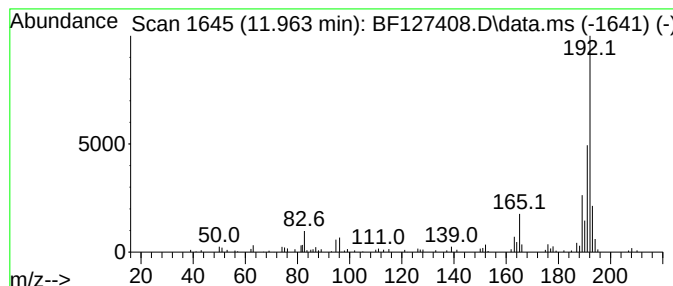
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	3.49 ng	74489	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
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Acq On : 18 Mar 2022 23:15
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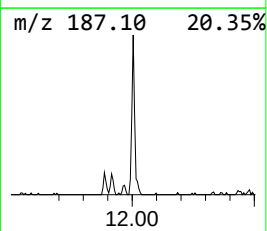
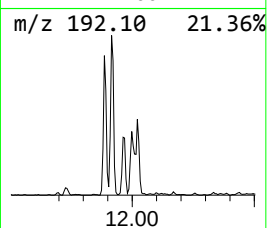
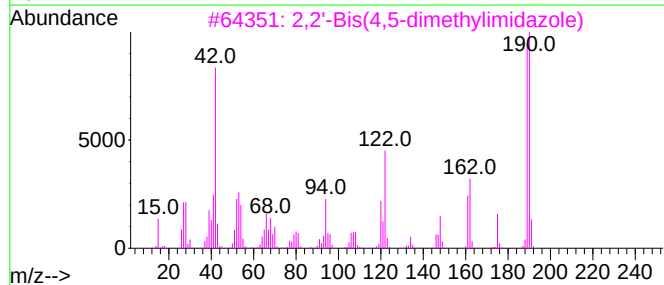
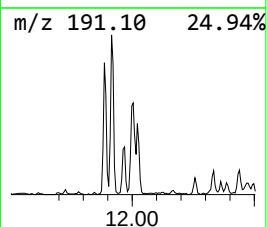
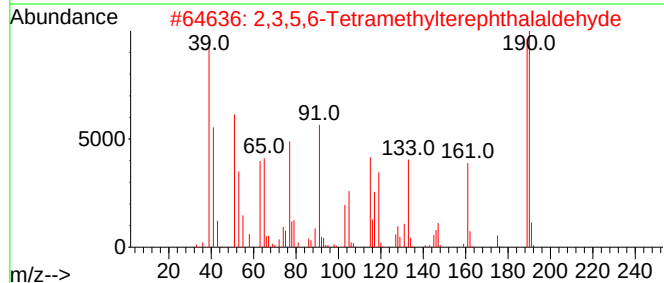
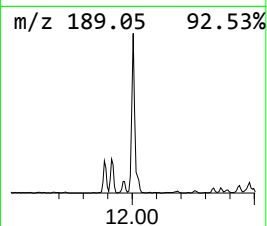
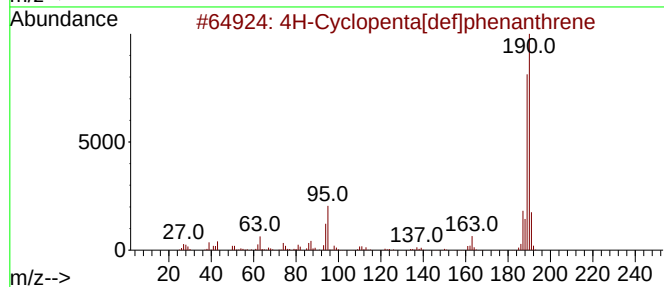
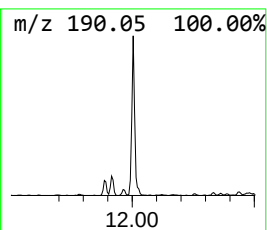
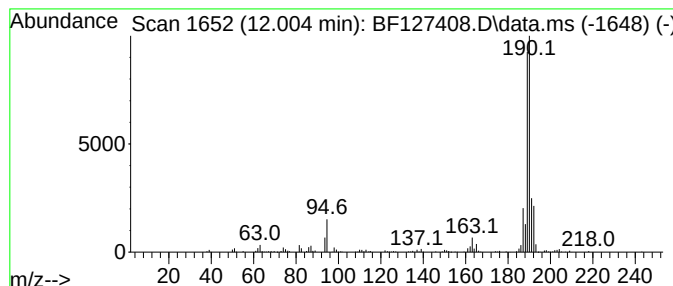
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.004	14.06 ng	299898	Phenanthrene-d10		11.386	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	89
2	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	50
3	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	42
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	40
5	Methyl diselenide		190	C2H6Se2	007101-31-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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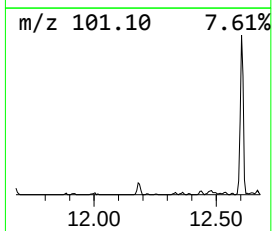
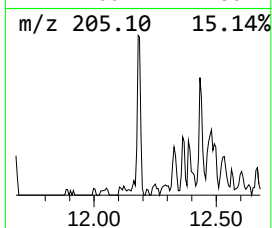
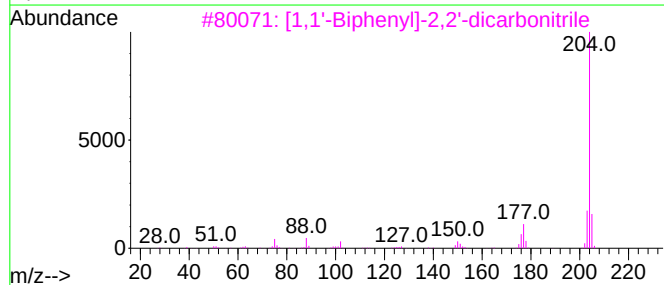
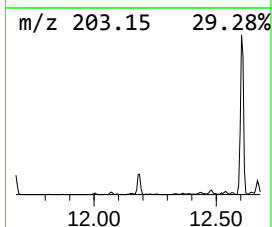
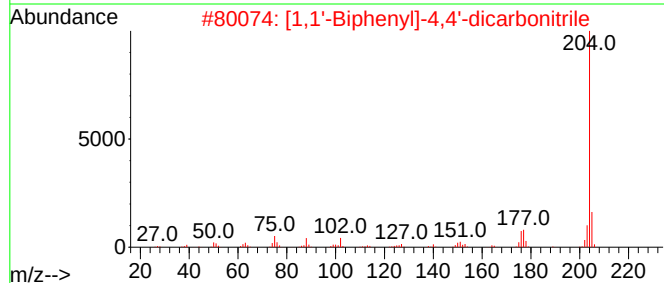
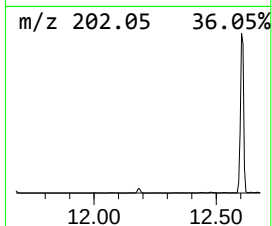
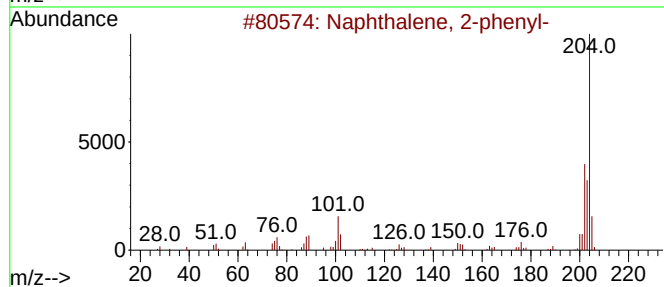
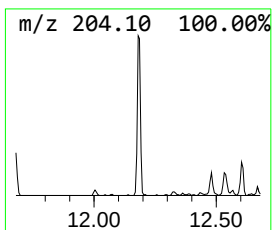
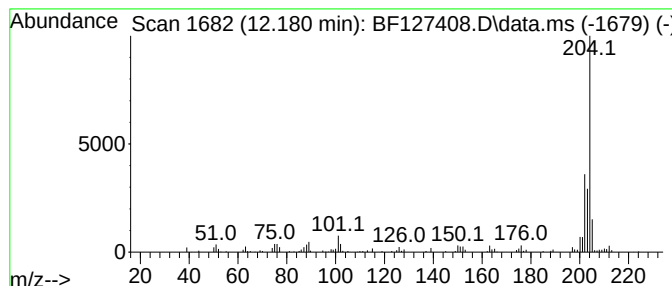
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	4.45 ng	94952	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

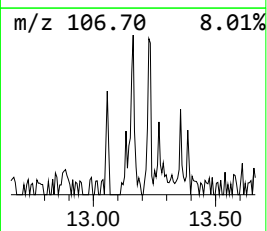
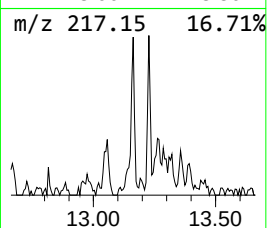
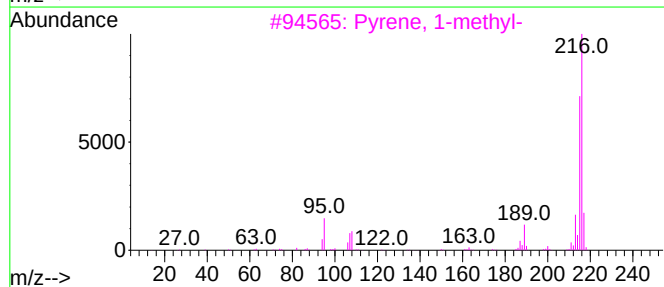
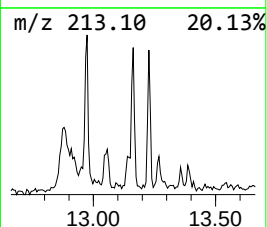
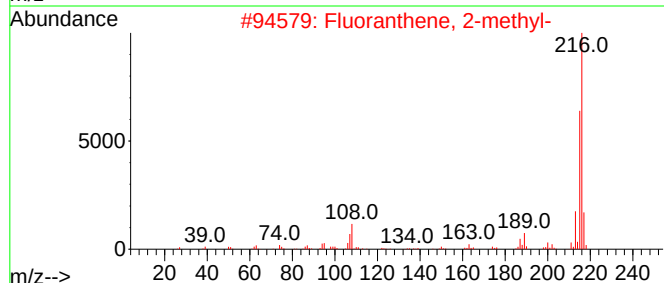
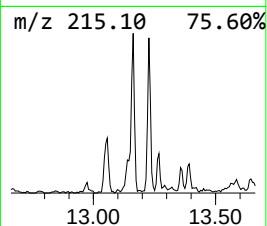
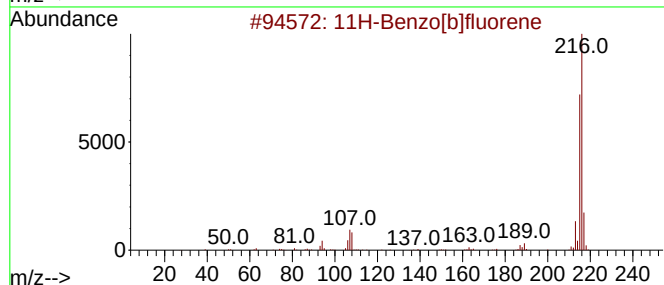
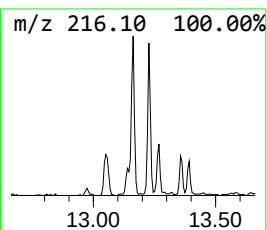
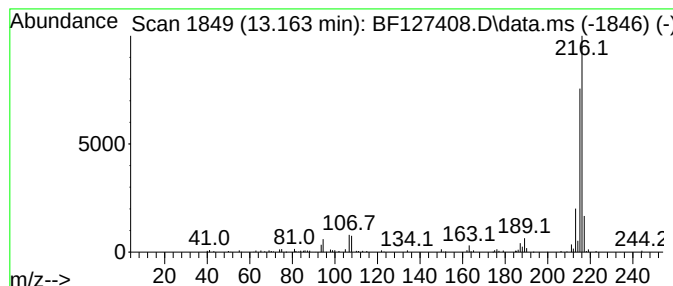
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.163	4.55 ng	98033	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127408.D
Acq On : 18 Mar 2022 23:15
Operator : CG\JU
Sample : N1983-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

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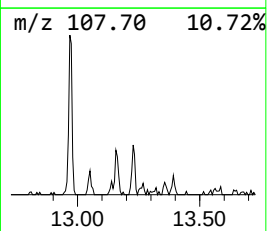
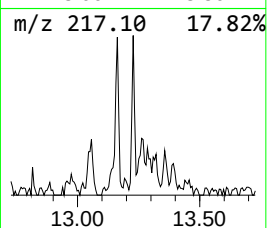
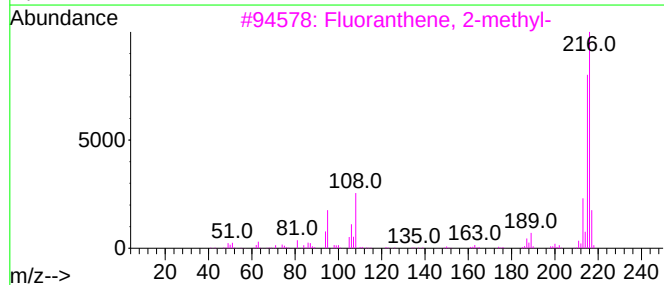
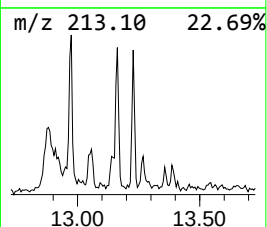
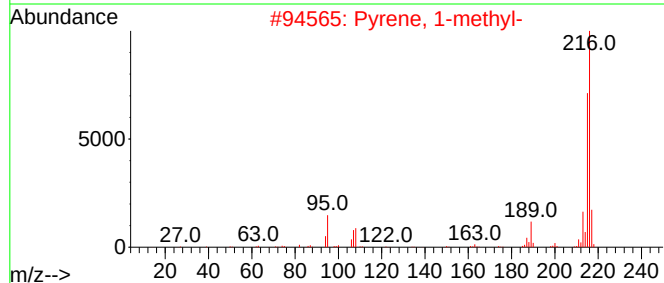
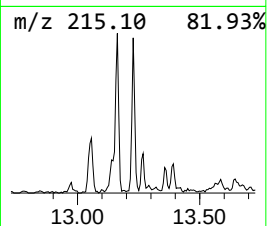
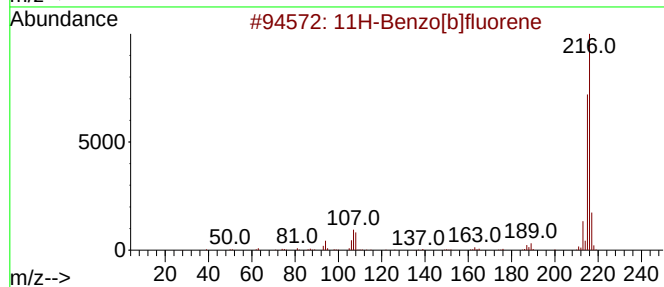
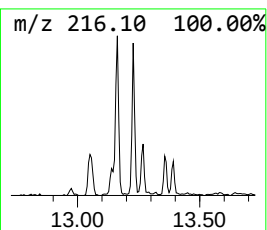
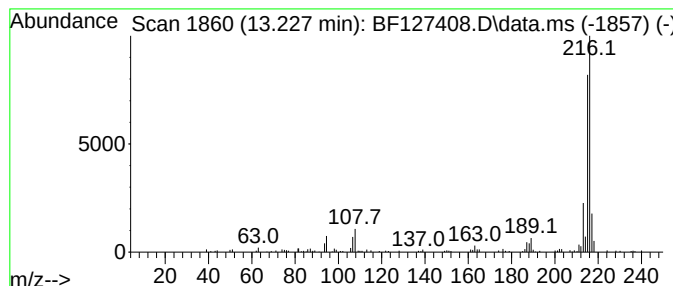
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	4.28 ng	92294	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127408.D
 Acq On : 18 Mar 2022 23:15
 Operator : CG\JU
 Sample : N1983-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	9.475	6.9	ng	147002	3	9.898	425041	20.0
Naphthalene, 2,...	9.551	7.8	ng	165515	3	9.898	425041	20.0
Naphthalene, 1,...	9.580	3.8	ng	81696	3	9.898	425041	20.0
Naphthalene, 2,...	9.669	4.1	ng	86732	3	9.898	425041	20.0
1-Isopropenylna...	10.051	3.2	ng	67944	3	9.898	425041	20.0
Benzene, [1-(2,...	10.510	3.2	ng	67383	3	9.898	425041	20.0
unknown10.527	10.527	5.9	ng	124844	3	9.898	425041	20.0
[1,1'-Biphenyl]...	10.598	6.7	ng	142162	3	9.898	425041	20.0
2,4,2',4'-Tetra...	10.792	3.9	ng	82962	4	11.386	426648	20.0
9H-Fluorene, 2-...	10.992	7.3	ng	154922	4	11.386	426648	20.0
6-(Methylthio)b...	11.116	3.5	ng	73504	4	11.386	426648	20.0
4-(4-Methylphen...	11.233	5.3	ng	114233	4	11.386	426648	20.0
Dibenzothiophene	11.286	9.8	ng	208313	4	11.386	426648	20.0
Phenanthrene, 1...	11.886	8.3	ng	176080	4	11.386	426648	20.0
Anthracene, 2-m...	11.916	9.1	ng	193892	4	11.386	426648	20.0
1H-Cyclopropa[1...	11.963	3.5	ng	74489	4	11.386	426648	20.0
4H-Cyclopenta[d...	12.004	14.1	ng	299898	4	11.386	426648	20.0
Naphthalene, 2-...	12.180	4.5	ng	94952	4	11.386	426648	20.0
11H-Benzo[b]flu...	13.163	4.5	ng	98033	5	14.033	431013	20.0
Pyrene, 1-methyl-	13.227	4.3	ng	92294	5	14.033	431013	20.0