

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126553.D
 Acq On : 7 Jan 2022 20:19
 Operator : JU/CG
 Sample : N1070-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-010622

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-BF122921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	489	492	498	rVB	23296	25550	2.32%	0.137%
2	5.393	558	562	573	rVB	1200636	1071561	97.35%	5.752%
3	6.410	731	735	751	rVB	1175491	1100714	100.00%	5.908%
4	6.622	766	771	774	rBV2	36003	37084	3.37%	0.199%
5	6.781	794	798	801	rBV	699530	579944	52.69%	3.113%
6	7.175	860	865	870	rBV3	20993	24132	2.19%	0.130%
7	7.340	885	893	896	rBV	801872	702998	63.87%	3.774%
8	7.381	896	900	904	rVV	76368	75139	6.83%	0.403%
9	7.687	946	952	959	rBV6	11540	26498	2.41%	0.142%
10	7.822	970	975	980	rVB6	17793	23752	2.16%	0.127%
11	7.969	997	1000	1004	rBV	53982	45785	4.16%	0.246%
12	8.063	1011	1016	1018	rBV	905667	818440	74.36%	4.393%
13	8.081	1018	1019	1023	rVV	89324	75116	6.82%	0.403%
14	8.134	1023	1028	1030	rVB2	31564	36024	3.27%	0.193%
15	8.357	1061	1066	1069	rBV5	17444	25433	2.31%	0.137%
16	8.492	1084	1089	1094	rVV2	33847	39531	3.59%	0.212%
17	8.663	1114	1118	1122	rBV	84967	71853	6.53%	0.386%
18	8.775	1131	1137	1141	rVB	96589	92971	8.45%	0.499%
19	8.875	1150	1154	1163	rVB	113600	101162	9.19%	0.543%
20	9.139	1194	1199	1202	rBV	1232951	1039100	94.40%	5.578%
21	9.228	1209	1214	1218	rBV2	66275	67928	6.17%	0.365%
22	9.410	1237	1245	1248	rBV2	53731	75790	6.89%	0.407%
23	9.481	1252	1257	1259	rVV	116615	118457	10.76%	0.636%
24	9.504	1259	1261	1264	rVV	71391	54518	4.95%	0.293%
25	9.545	1264	1268	1271	rVV4	30397	37177	3.38%	0.200%
26	9.592	1274	1276	1281	rVB	46559	58122	5.28%	0.312%
27	9.681	1286	1291	1297	rVV	152224	130611	11.87%	0.701%
28	9.757	1301	1304	1308	rVB	33620	25793	2.34%	0.138%
29	9.822	1308	1315	1318	rBV	797207	692077	62.88%	3.715%
30	9.851	1318	1320	1324	rVB	63150	51963	4.72%	0.279%
31	10.022	1346	1349	1353	rBV	92783	78555	7.14%	0.422%
32	10.063	1353	1356	1358	rBV	49944	35973	3.27%	0.193%
33	10.133	1363	1368	1371	rBV2	42151	52376	4.76%	0.281%
34	10.169	1371	1374	1380	rVB	32403	32654	2.97%	0.175%
35	10.228	1380	1384	1386	rBV3	31346	38991	3.54%	0.209%
36	10.369	1404	1408	1414	rVB	184359	186353	16.93%	1.000%

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37	10.433	1414	1419	1420	rBV2	22987	28057	2.55%	0.151%
38	10.481	1424	1427	1432	rVV2	22206	23288	2.12%	0.125%
39	10.522	1432	1434	1438	rVV	34262	32754	2.98%	0.176%
40	10.604	1443	1448	1453	rVV	537578	540897	49.14%	2.903%
41	10.733	1465	1470	1474	rVB4	41953	53540	4.86%	0.287%
42	10.916	1496	1501	1503	rBV2	73052	89147	8.10%	0.479%
43	10.945	1503	1506	1509	rVV2	50169	49221	4.47%	0.264%
44	10.998	1512	1515	1519	rVV	44355	43514	3.95%	0.234%
45	11.045	1519	1523	1525	rVV3	25579	32808	2.98%	0.176%
46	11.069	1525	1527	1531	rVV	35800	37398	3.40%	0.201%
47	11.116	1532	1535	1538	rVV3	23369	26164	2.38%	0.140%
48	11.157	1538	1542	1544	rVV2	27775	33572	3.05%	0.180%
49	11.204	1547	1550	1555	rVB	72790	76708	6.97%	0.412%
50	11.310	1564	1568	1569	rBV	572533	551985	50.15%	2.963%
51	11.333	1569	1572	1575	rVV	1065145	862292	78.34%	4.629%
52	11.380	1577	1580	1583	rVB	242371	192154	17.46%	1.031%
53	11.416	1583	1586	1589	rBV2	55984	58502	5.31%	0.314%
54	11.539	1603	1607	1609	rBV	87884	73010	6.63%	0.392%
55	11.604	1615	1618	1621	rVV2	33483	29342	2.67%	0.158%
56	11.639	1621	1624	1630	rVV3	41271	40949	3.72%	0.220%
57	11.722	1633	1638	1643	rVB2	26501	36686	3.33%	0.197%
58	11.810	1649	1653	1655	rBV	214331	184608	16.77%	0.991%
59	11.839	1655	1658	1662	rVV	294557	247709	22.50%	1.330%
60	11.886	1662	1666	1668	rVV	82119	71707	6.51%	0.385%
61	11.922	1668	1672	1674	rVV	310578	312335	28.38%	1.677%
62	11.945	1674	1676	1681	rVB	137700	114335	10.39%	0.614%
63	12.104	1701	1703	1706	rBV	97964	84216	7.65%	0.452%
64	12.127	1706	1707	1710	rVB3	25624	21372	1.94%	0.115%
65	12.257	1727	1729	1731	rVV	48039	36216	3.29%	0.194%
66	12.286	1731	1734	1736	rVV	75034	63118	5.73%	0.339%
67	12.310	1736	1738	1741	rVB	53863	42550	3.87%	0.228%
68	12.363	1743	1747	1750	rVV	127922	148709	13.51%	0.798%
69	12.398	1750	1753	1755	rVV	102219	118138	10.73%	0.634%
70	12.445	1759	1761	1766	rVV2	50125	78994	7.18%	0.424%
71	12.522	1770	1774	1778	rBV	944124	849240	77.15%	4.559%
72	12.569	1779	1782	1783	rBV	29790	27803	2.53%	0.149%
73	12.586	1783	1785	1788	rVV2	34396	31204	2.83%	0.167%
74	12.616	1788	1790	1793	rVB	68364	52435	4.76%	0.281%
75	12.675	1798	1800	1807	rVB4	35369	53504	4.86%	0.287%
76	12.751	1807	1813	1816	rBV	859742	845027	76.77%	4.536%

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77	12.774	1816	1817	1819	rVB2	51504	25556	2.32%	0.137%
78	12.804	1819	1822	1826	rVB2	42368	62328	5.66%	0.335%
79	12.869	1830	1833	1834	rBV2	55101	45793	4.16%	0.246%
80	12.898	1834	1838	1845	rVB	817899	803094	72.96%	4.311%
81	12.969	1845	1850	1854	rBV2	97837	167997	15.26%	0.902%
82	13.080	1866	1869	1872	rVB	247481	236783	21.51%	1.271%
83	13.145	1877	1880	1883	rVV	220322	203820	18.52%	1.094%
84	13.186	1883	1887	1894	rVB2	129570	165638	15.05%	0.889%
85	13.274	1900	1902	1905	rVB	85531	72339	6.57%	0.388%
86	13.310	1905	1908	1911	rBV	81990	81631	7.42%	0.438%
87	13.486	1935	1938	1940	rBV3	38677	52222	4.74%	0.280%
88	13.563	1949	1951	1954	rBV2	41745	54253	4.93%	0.291%
89	13.727	1977	1979	1981	rVB	60172	40790	3.71%	0.219%
90	13.751	1981	1983	1985	rBV	40747	34361	3.12%	0.184%
91	13.951	2013	2017	2020	rBV2	655676	893121	81.14%	4.794%
92	13.980	2020	2022	2025	rVB	336076	254079	23.08%	1.364%
93	14.051	2032	2034	2038	rVB2	62881	71011	6.45%	0.381%
94	14.345	2082	2084	2088	rVB	96618	95588	8.68%	0.513%
95	14.380	2088	2090	2093	rBV	50100	41284	3.75%	0.222%
96	14.998	2192	2195	2198	rBV	207013	290416	26.38%	1.559%
97	15.292	2242	2245	2252	rVB	127369	178636	16.23%	0.959%
98	15.357	2252	2256	2262	rBV	195698	230117	20.91%	1.235%
99	15.416	2263	2266	2270	rBV	271882	354137	32.17%	1.901%
100	16.845	2506	2509	2518	rVB2	70368	129175	11.74%	0.693%

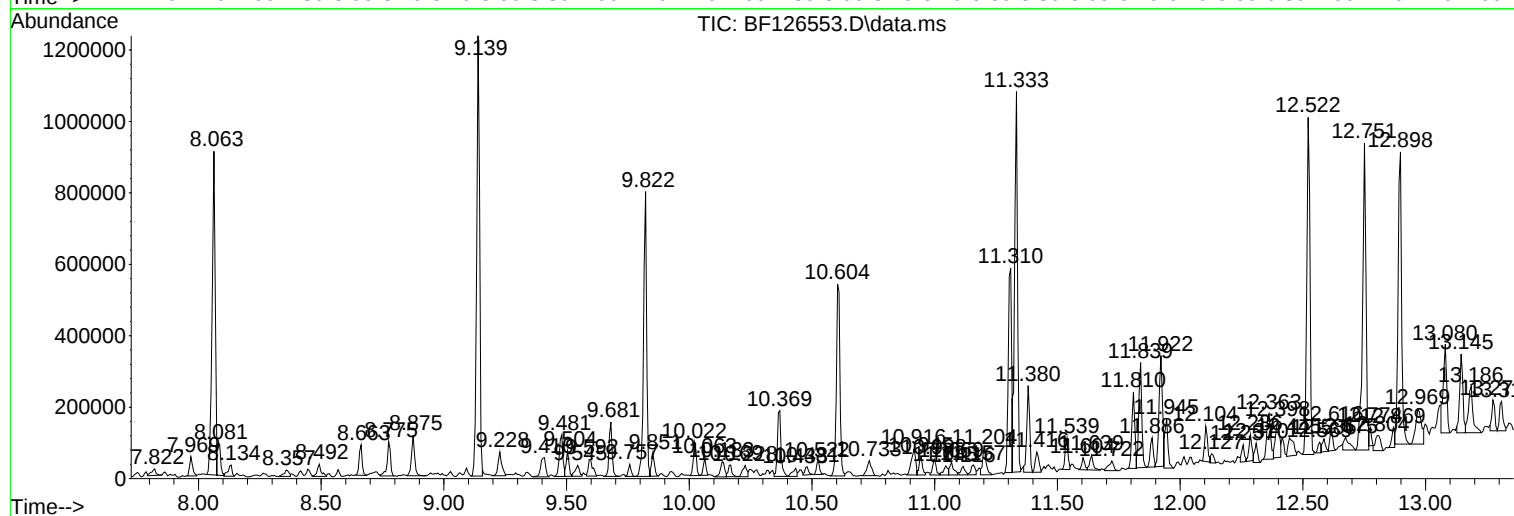
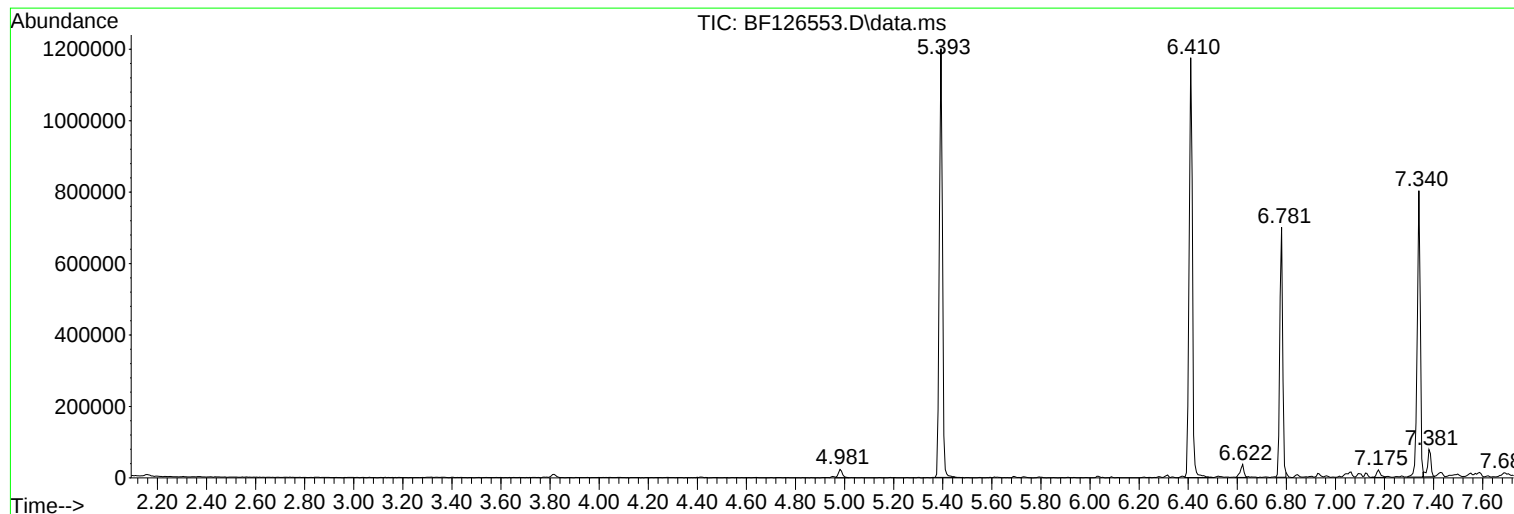
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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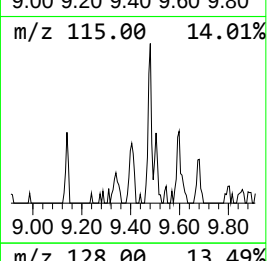
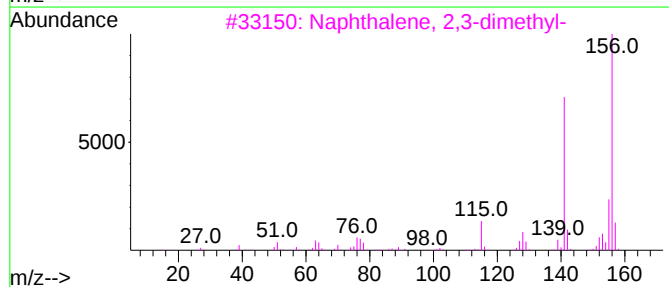
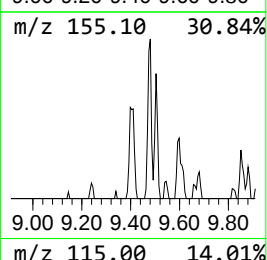
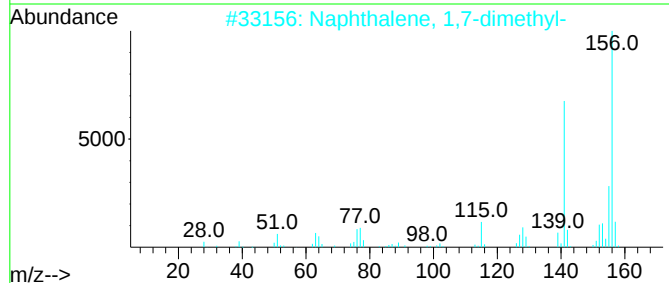
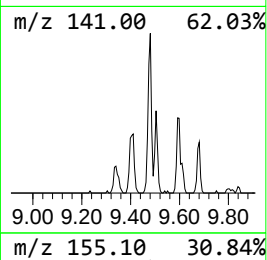
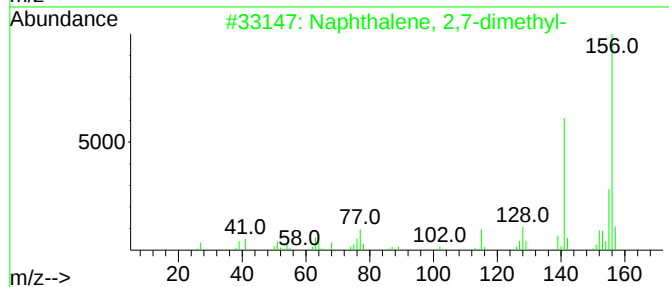
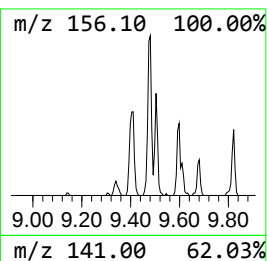
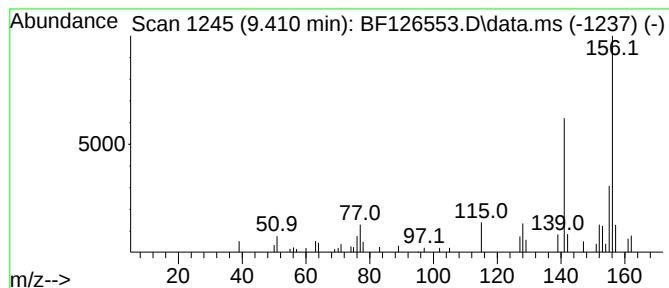
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	2.19 ng	75790	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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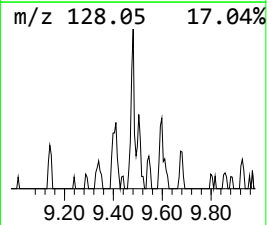
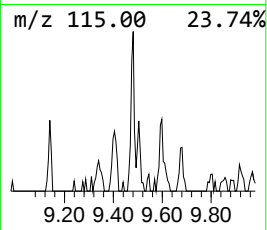
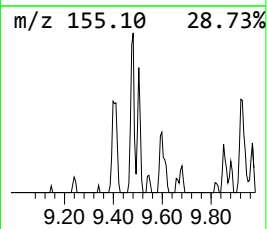
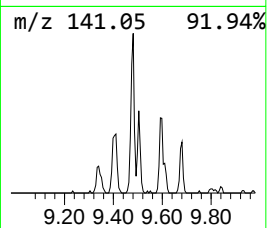
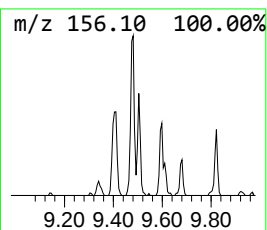
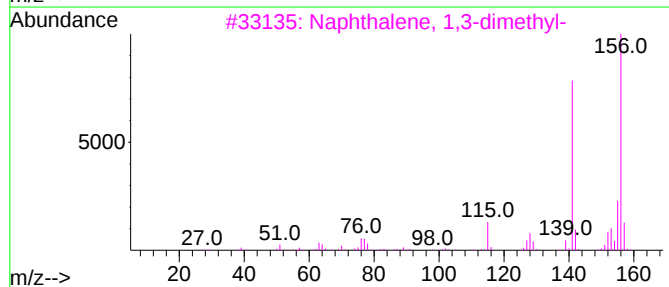
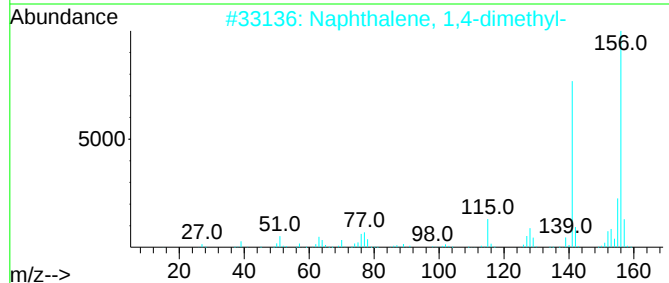
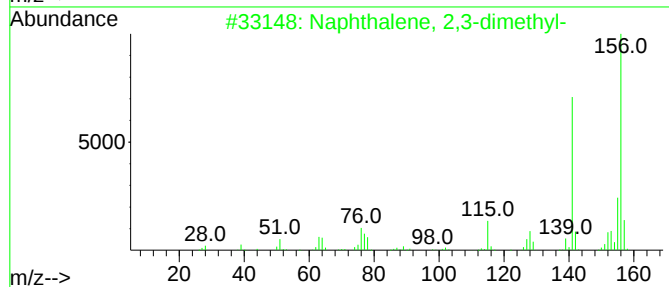
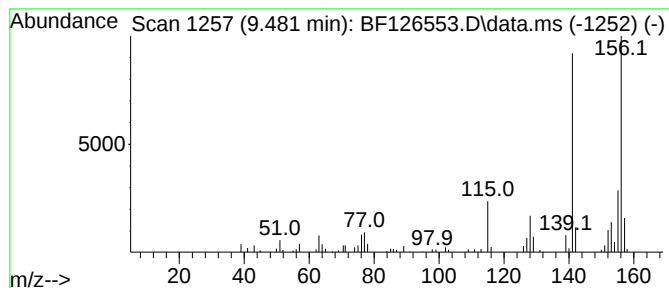
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	3.42 ng	118457	Acenaphthene-d10	9.822

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



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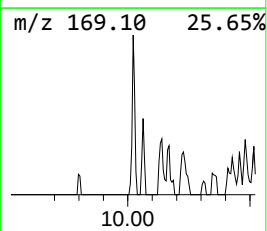
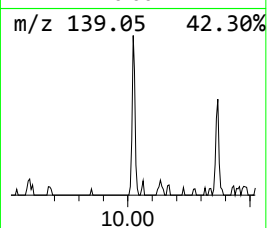
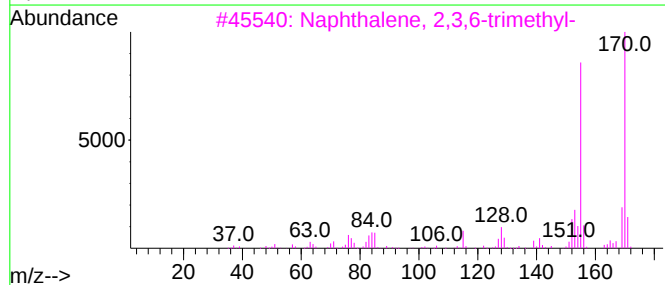
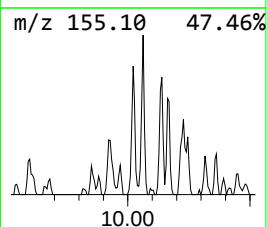
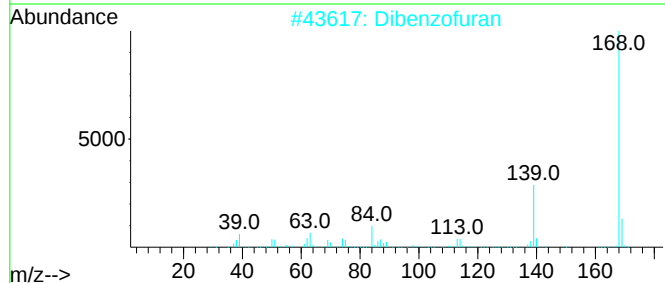
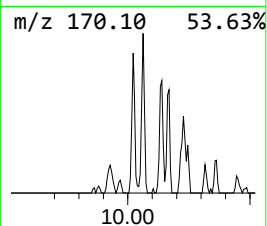
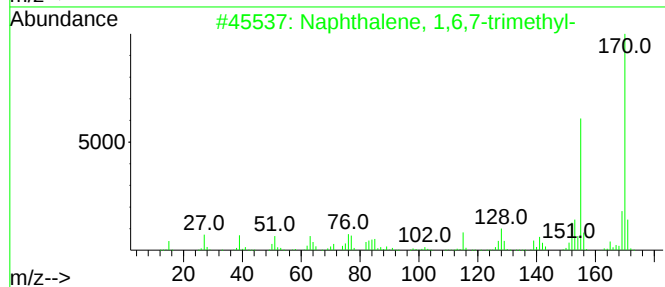
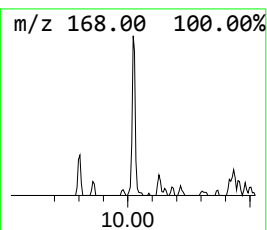
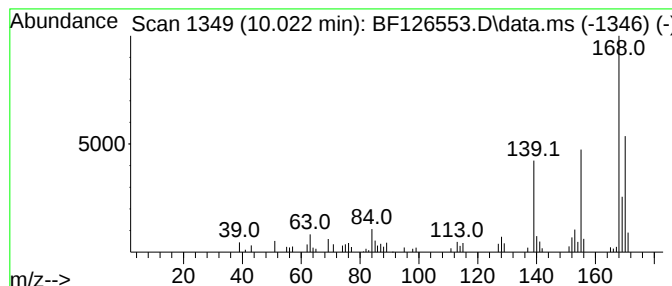
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.022	2.27 ng	78555	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
2			Dibenzofuran	168	C12H8O	000132-64-9	50
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
4			L-Valine, N-(trifluoroacetyl)-, ...	269	C11H18F3NO3	016974-92-8	38
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35



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Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

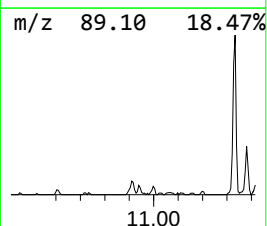
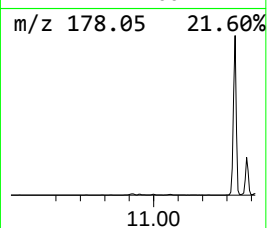
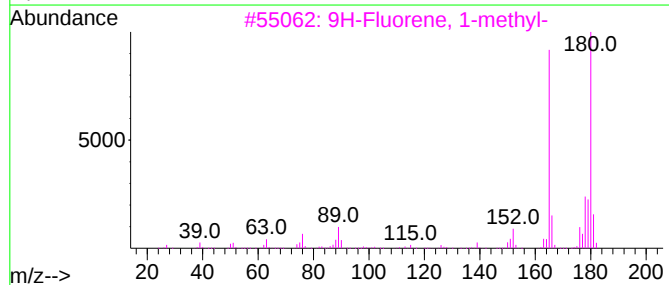
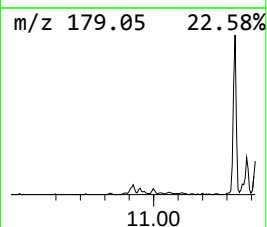
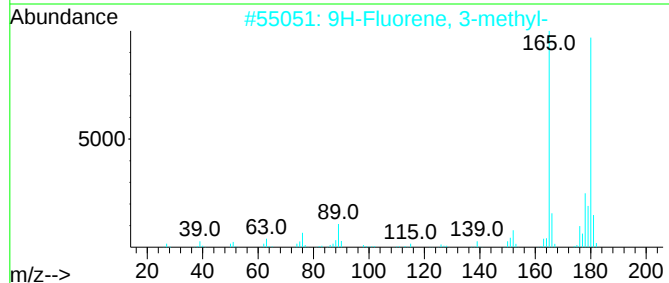
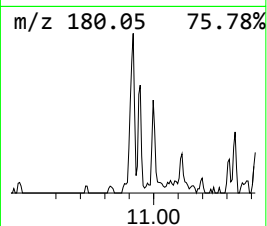
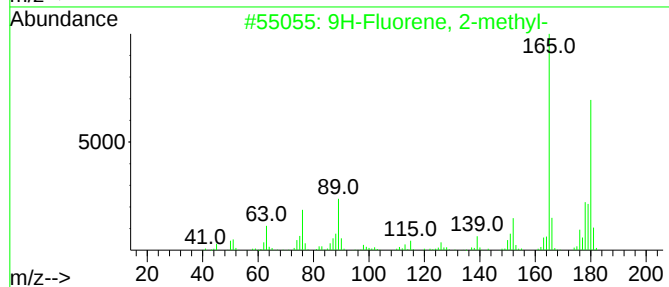
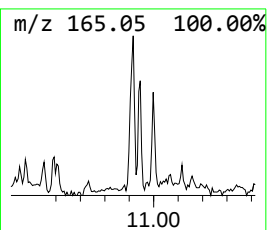
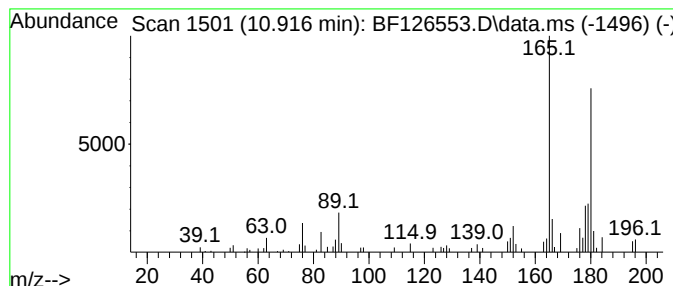
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.916	3.23 ng	89147	Phenanthrene-d10	11.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
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Instrument :
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ClientSampleId :
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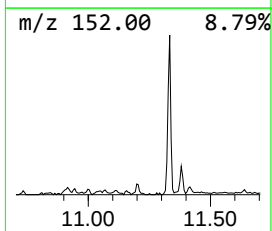
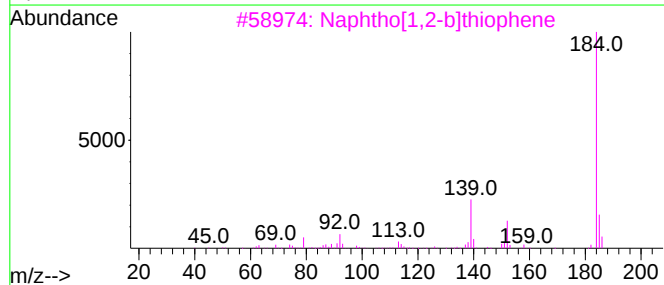
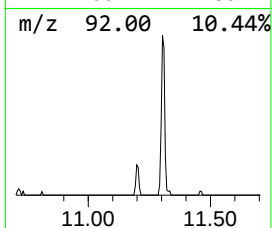
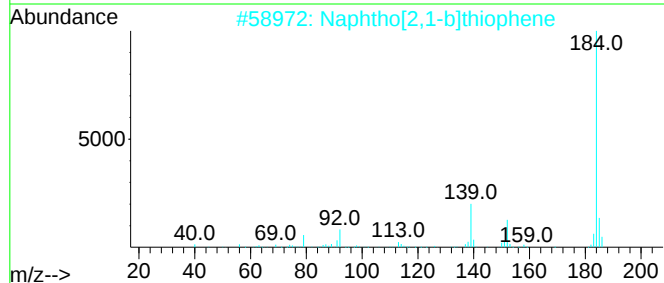
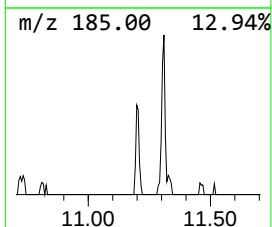
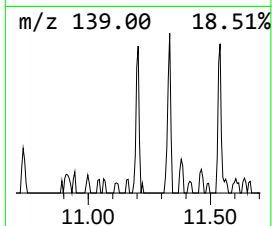
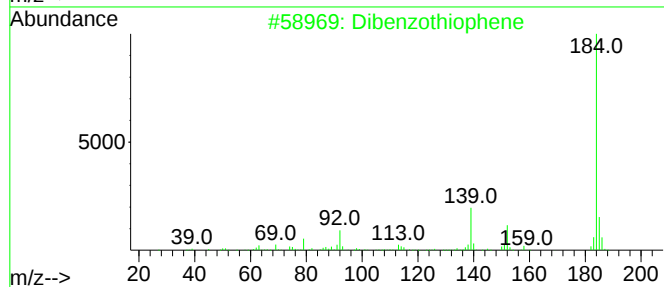
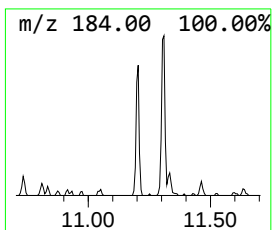
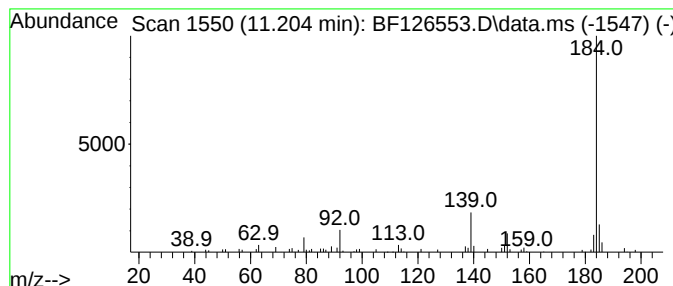
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.78 ng	76708	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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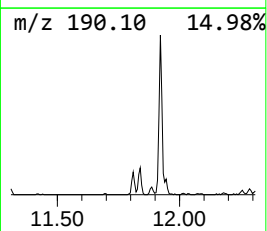
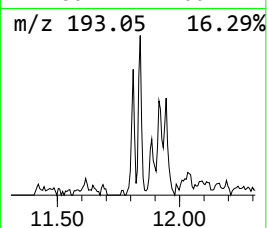
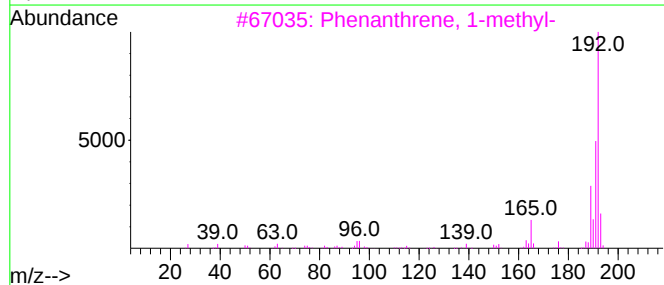
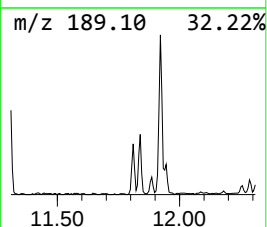
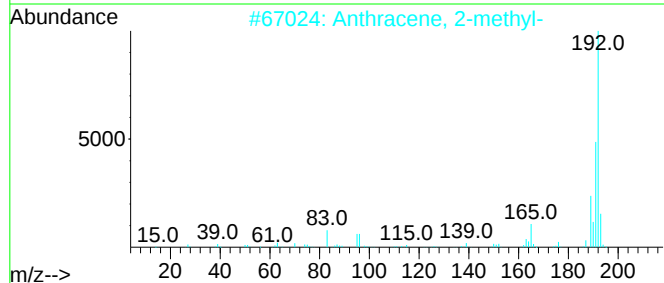
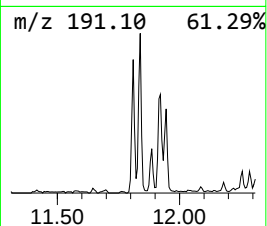
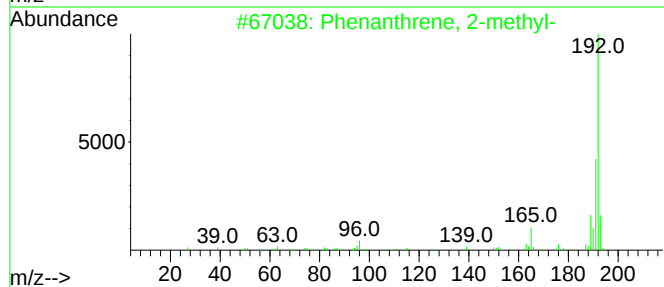
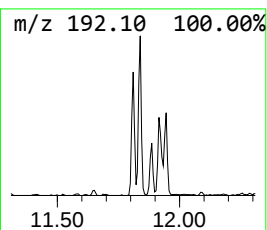
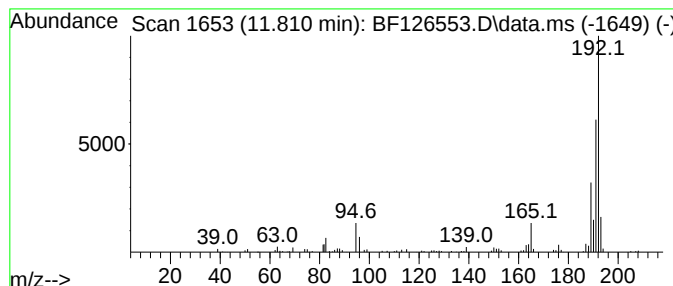
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	6.69 ng	184608	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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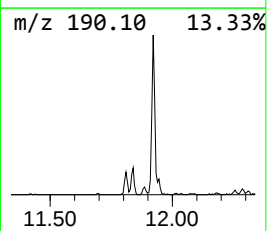
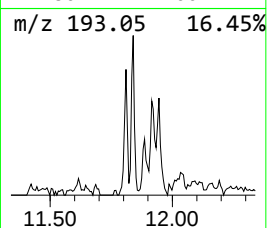
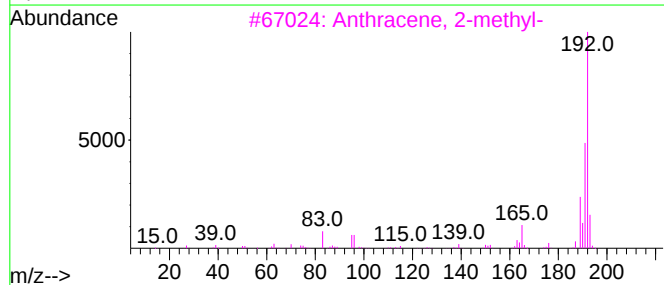
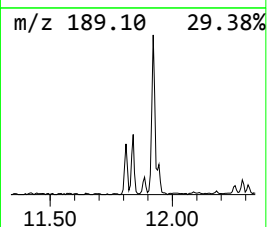
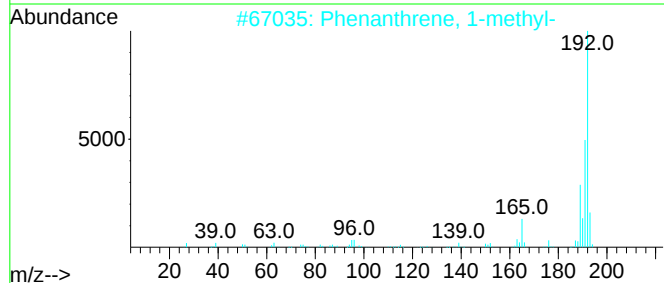
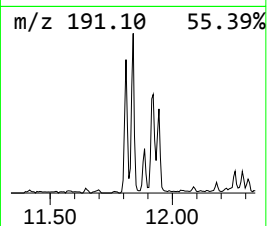
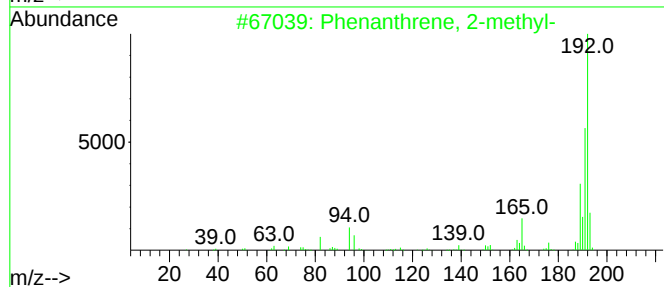
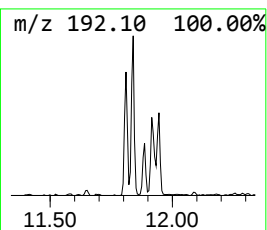
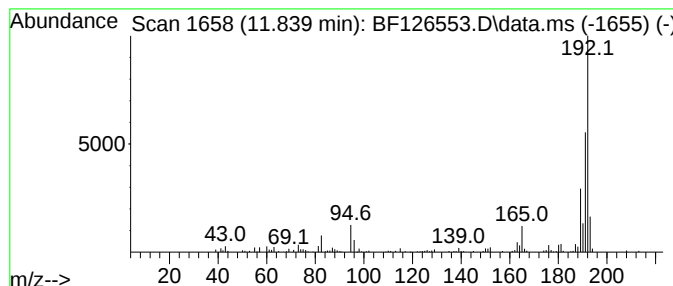
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.98 ng	247709	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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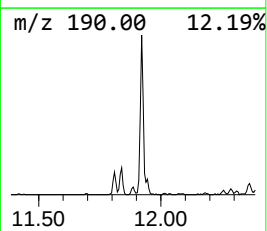
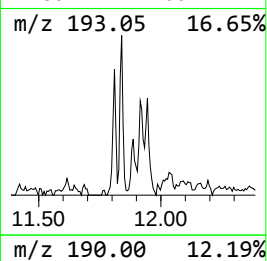
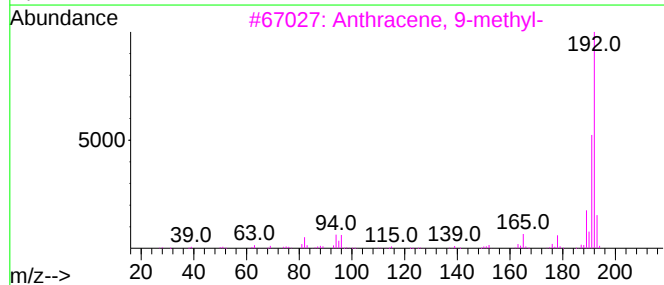
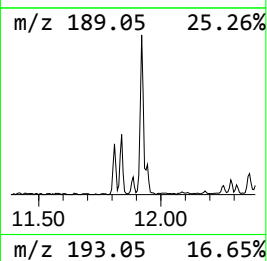
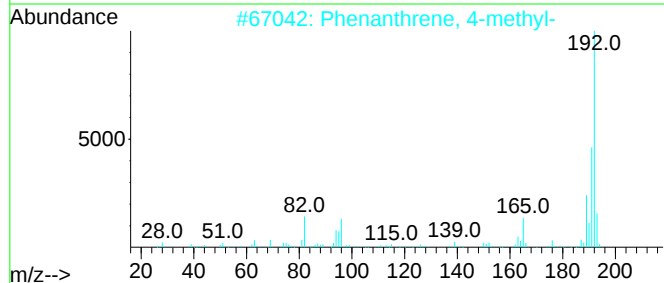
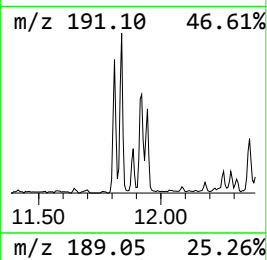
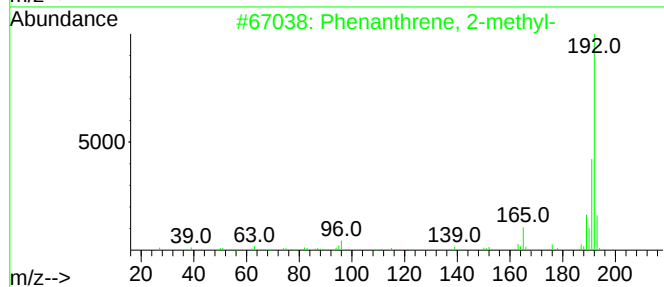
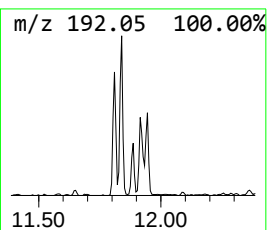
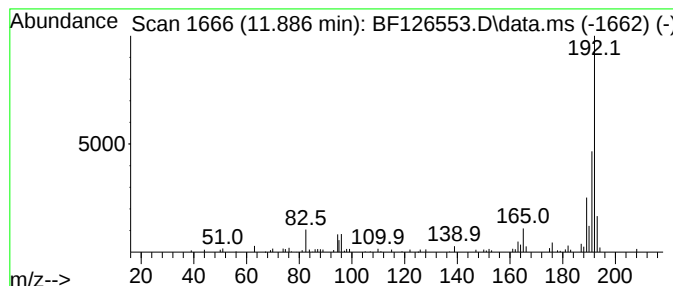
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.60 ng	71707	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
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Misc :
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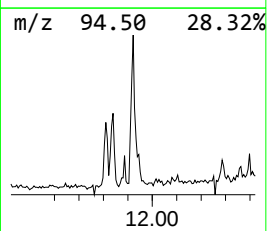
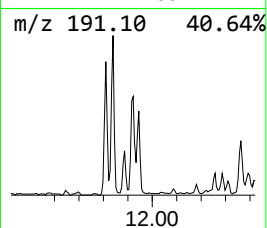
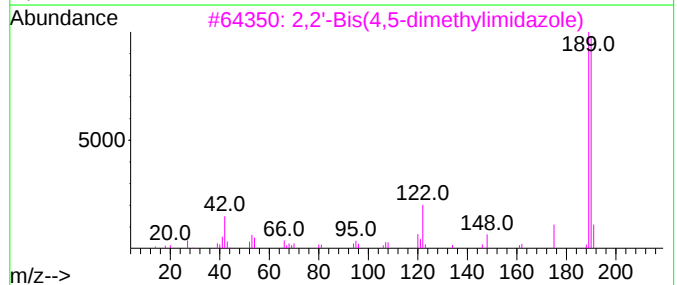
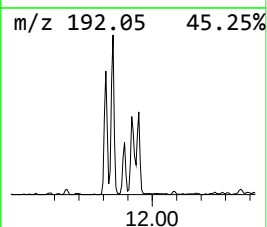
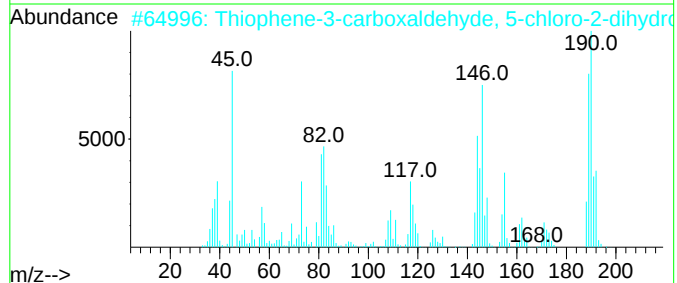
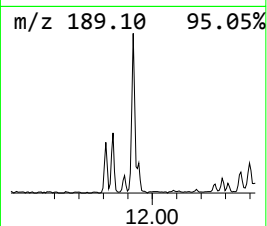
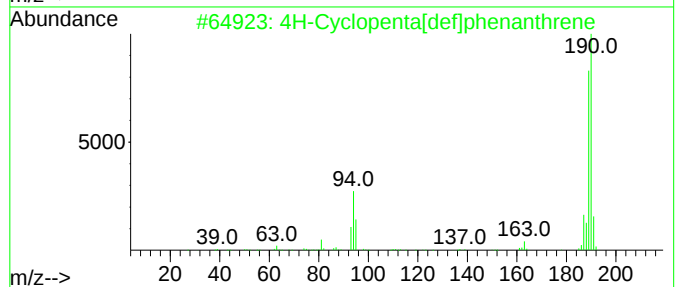
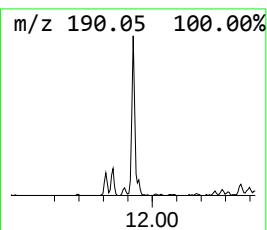
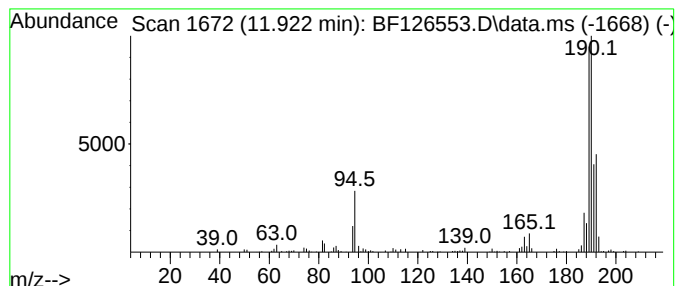
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.922	11.32 ng	312335	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
3	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	37
4	2,4(1H,3H)-Pyrimidinedione, 5-br...		190	C4H3BrN2O2	000051-20-7	25
5	1,4-Naphthalenedione, 2,5-dihydr...		190	C10H6O4	004923-55-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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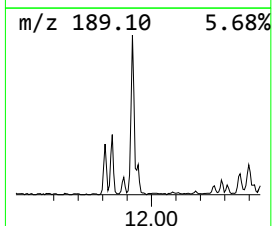
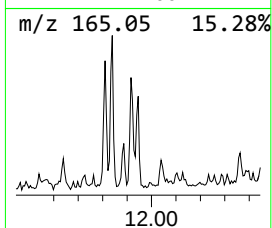
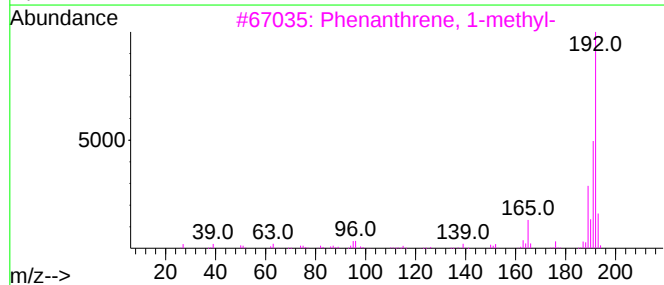
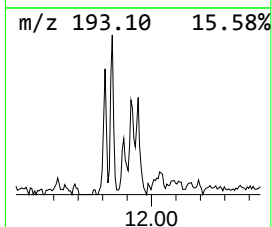
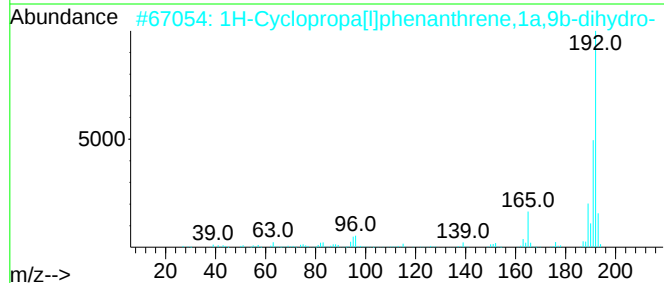
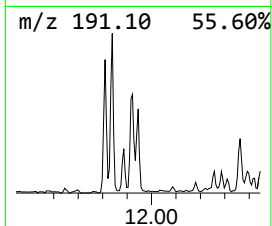
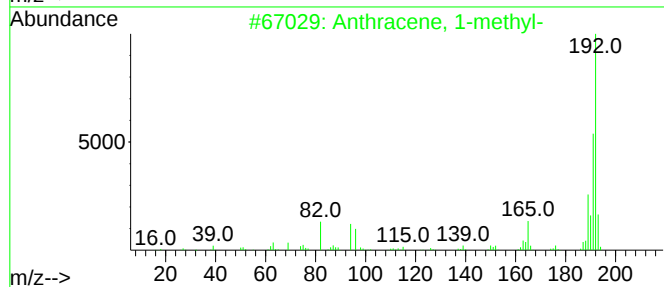
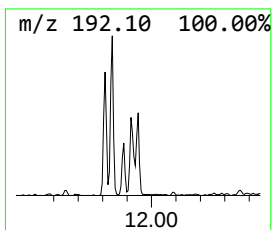
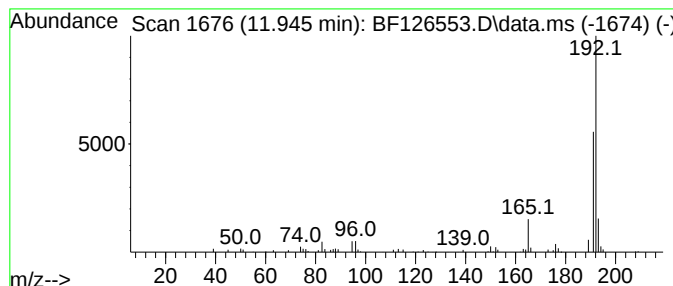
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.14 ng	114335	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-010622

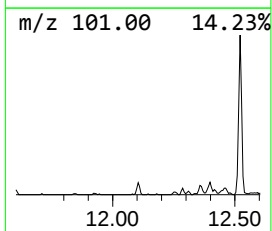
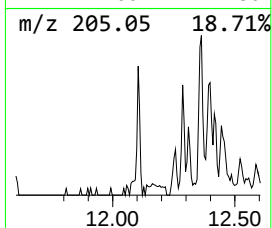
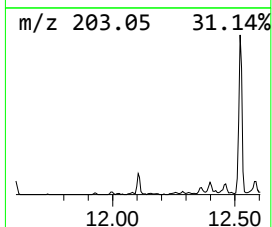
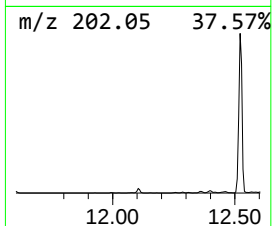
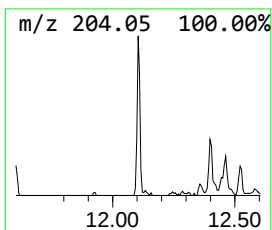
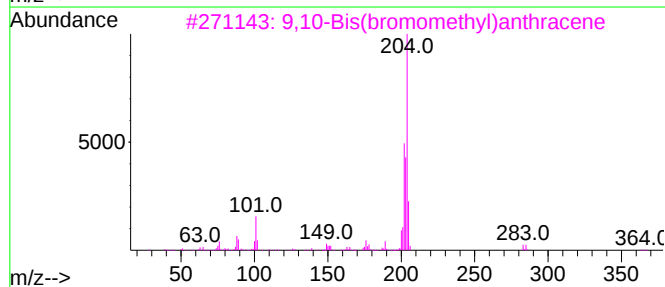
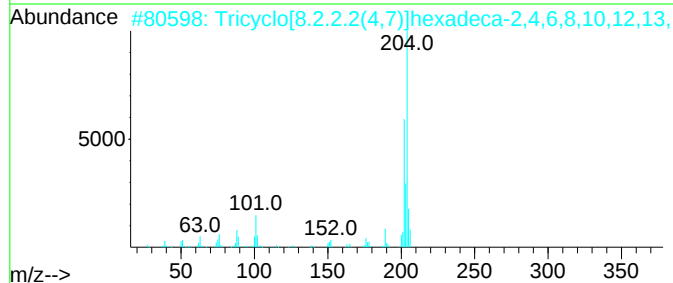
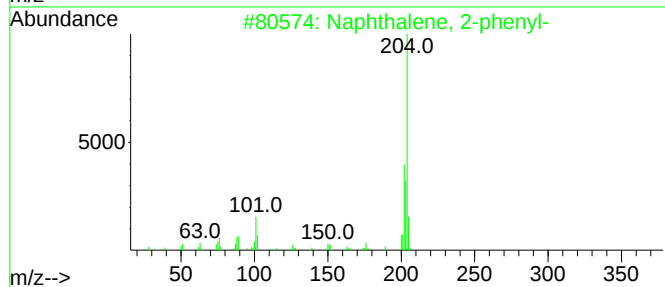
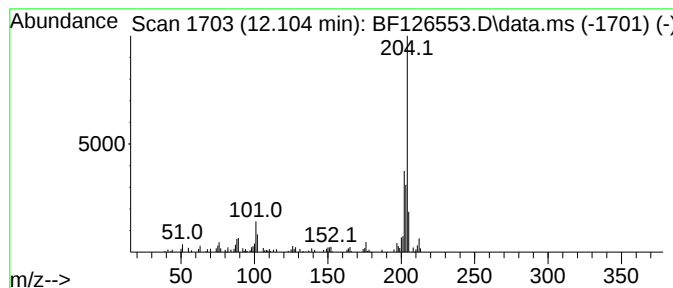
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.05 ng	84216	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	94
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-010622

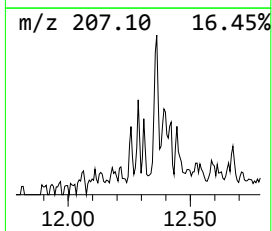
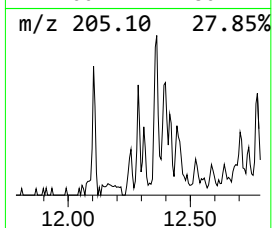
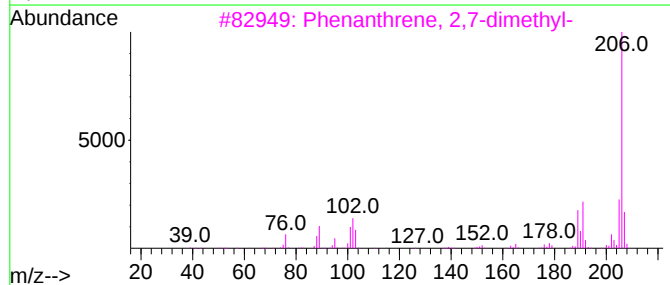
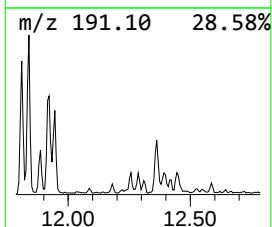
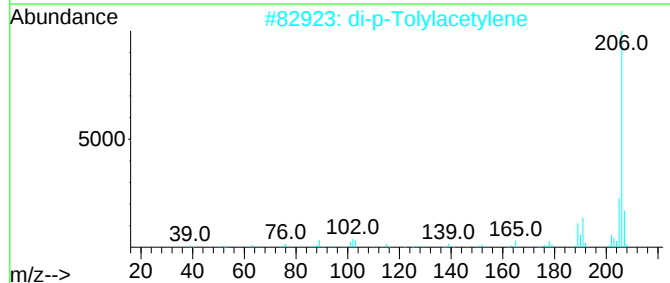
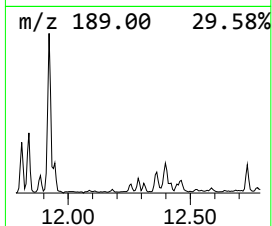
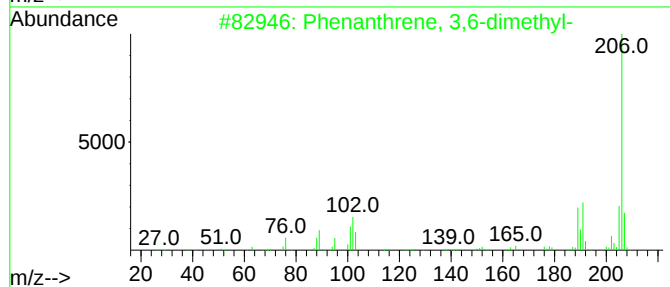
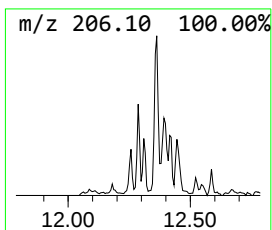
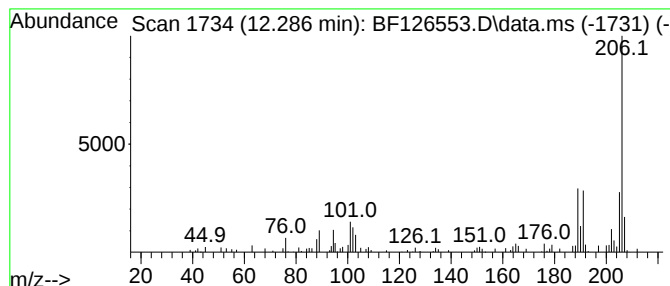
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	2.29 ng	63118	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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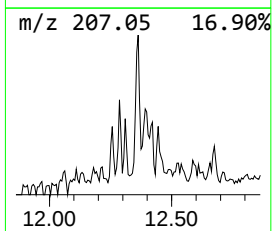
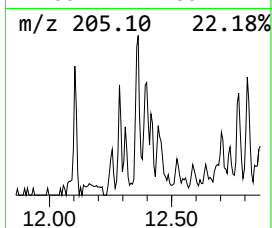
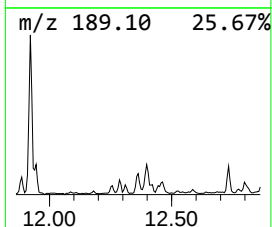
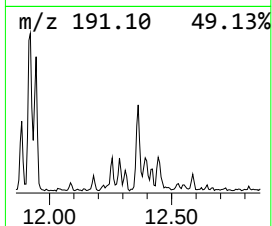
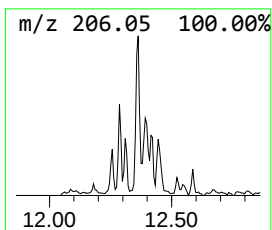
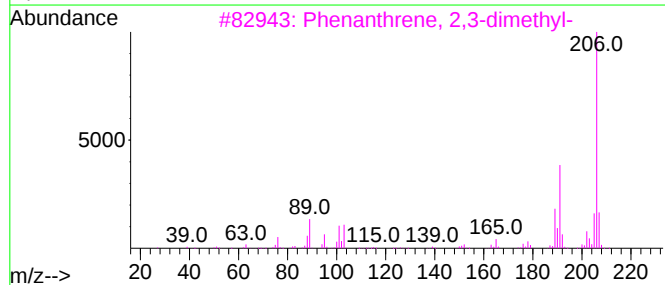
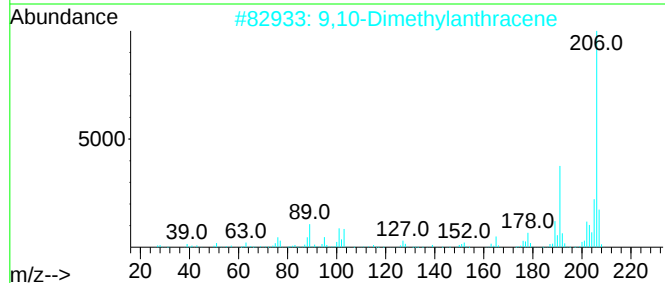
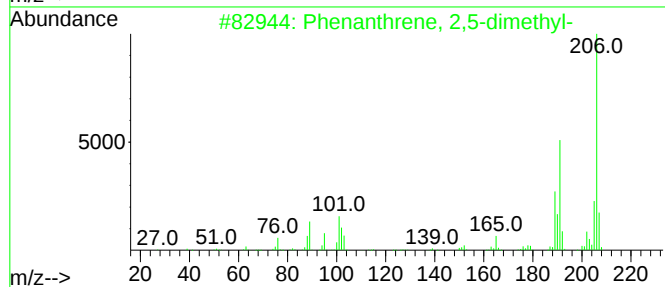
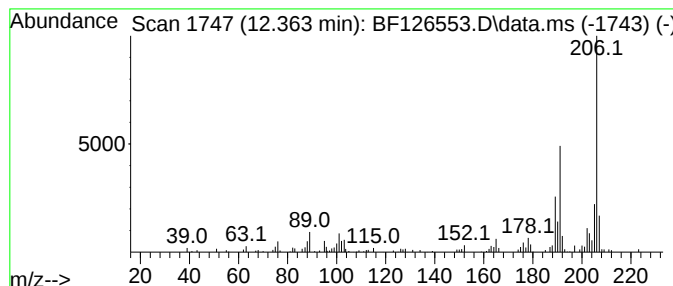
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	5.39 ng	148709	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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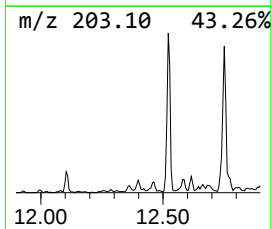
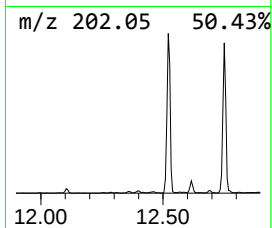
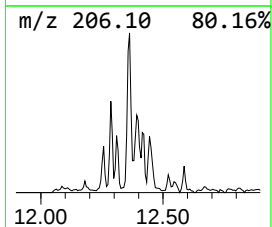
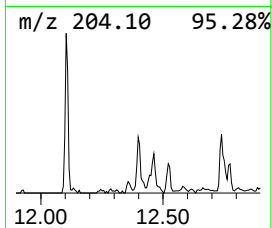
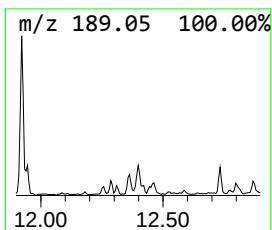
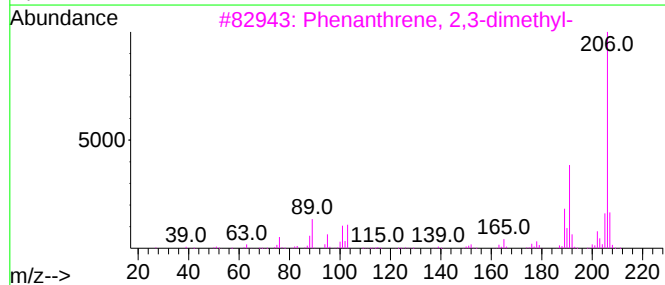
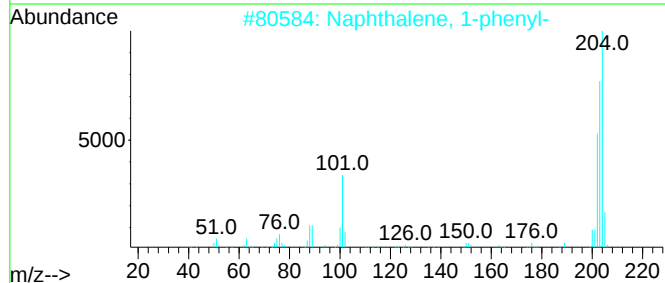
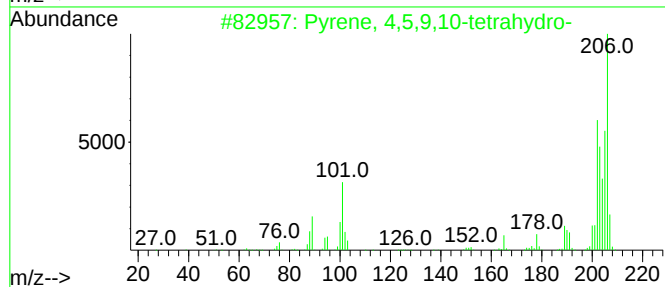
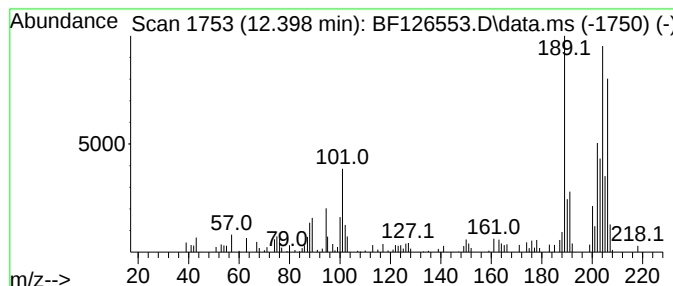
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.398 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	4.28 ng	118138	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	35
4			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-010622

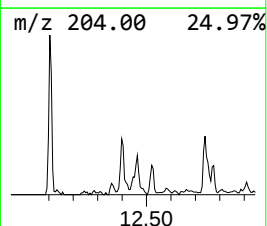
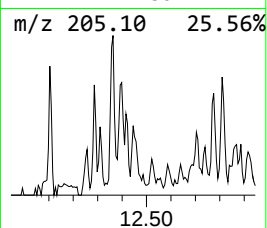
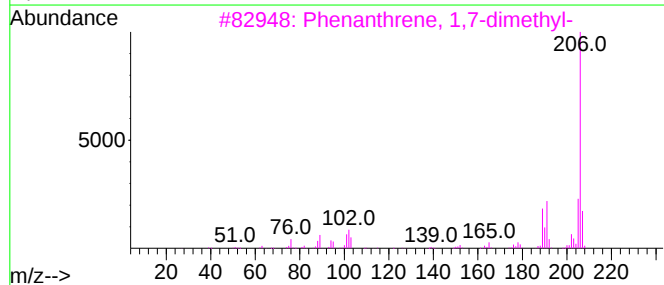
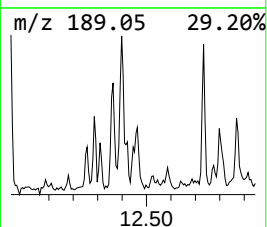
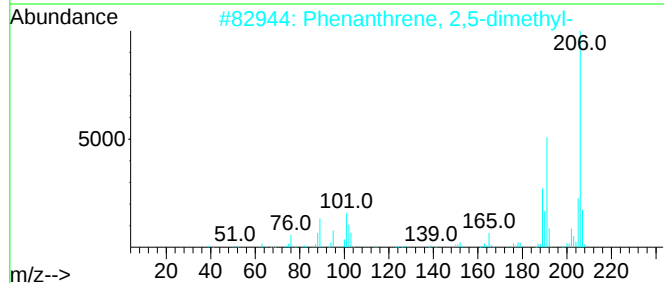
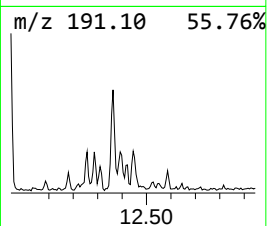
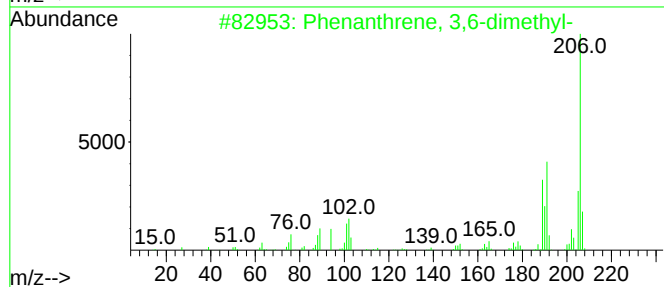
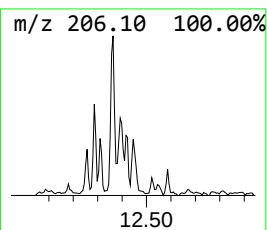
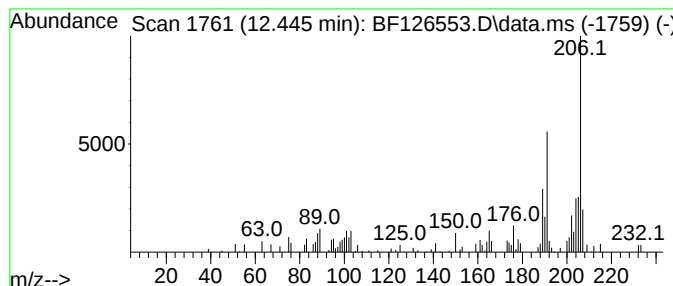
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.86 ng	78994	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-2-010622

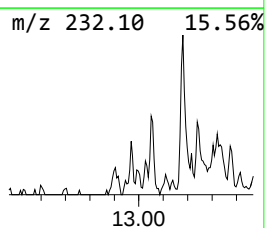
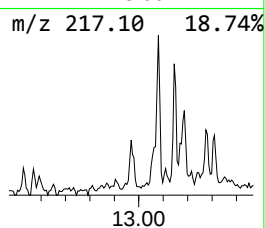
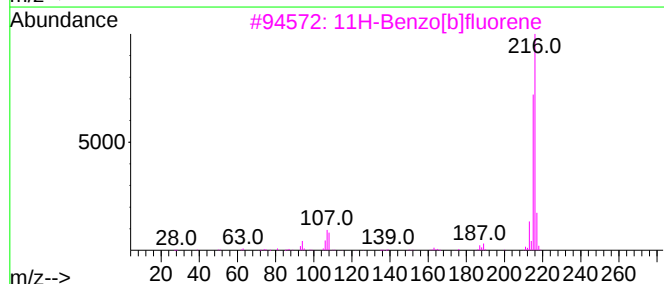
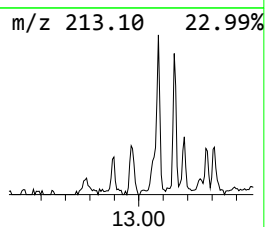
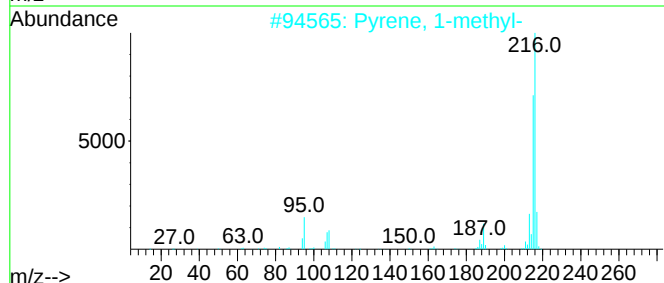
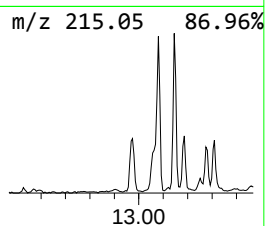
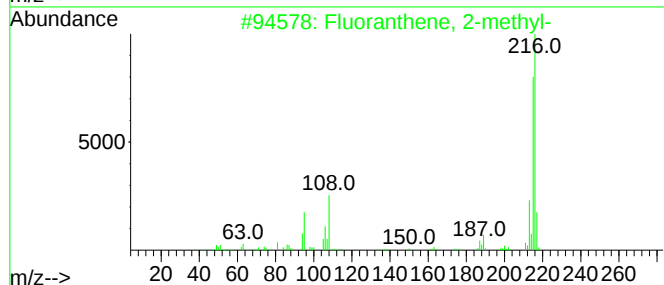
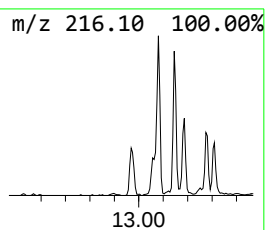
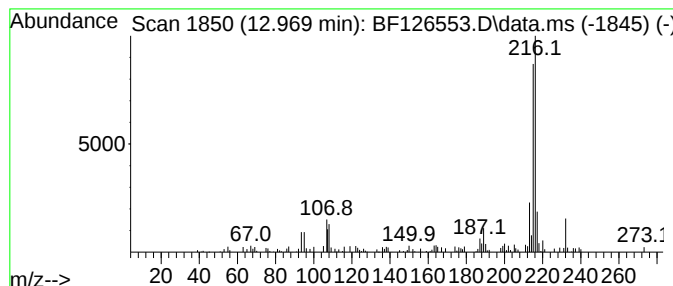
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	3.76 ng	167997	Chrysene-d12	13.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-010622

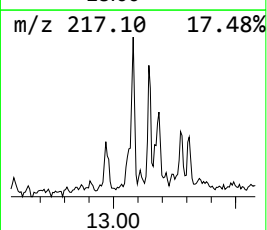
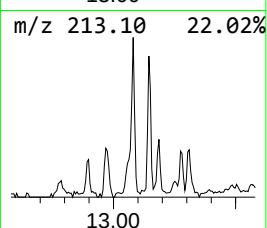
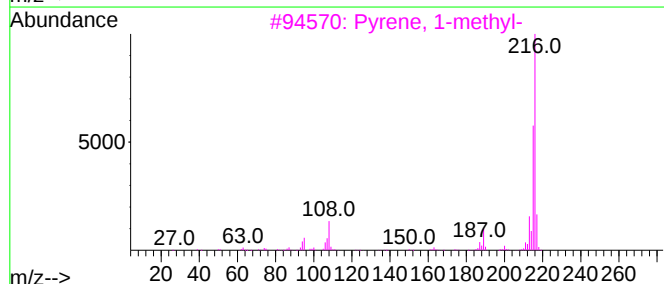
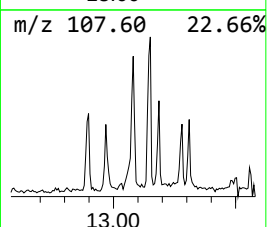
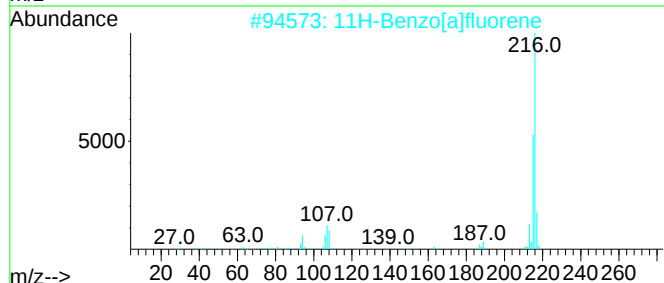
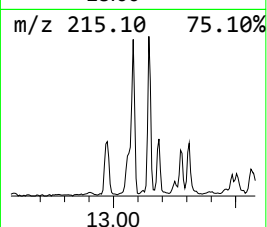
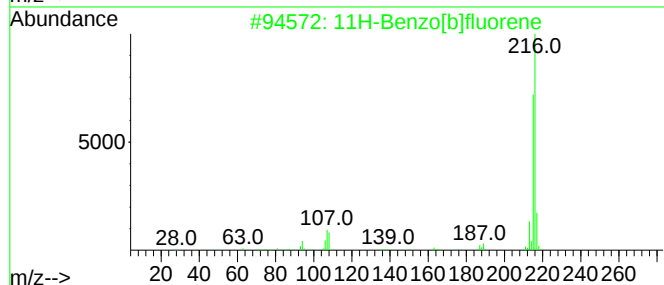
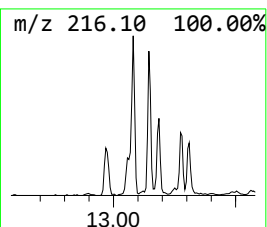
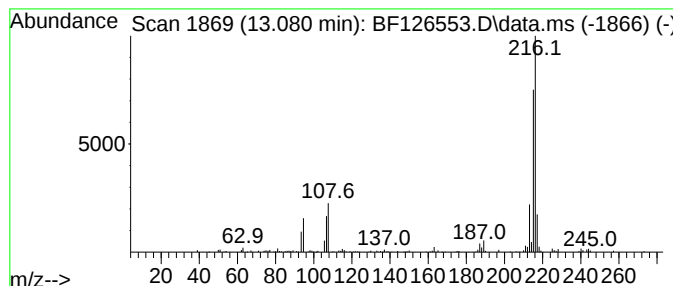
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	5.30 ng	236783	Chrysene-d12	13.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-010622

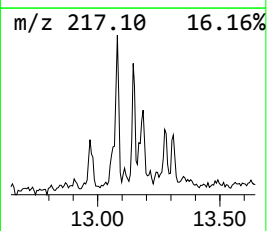
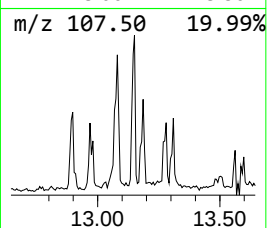
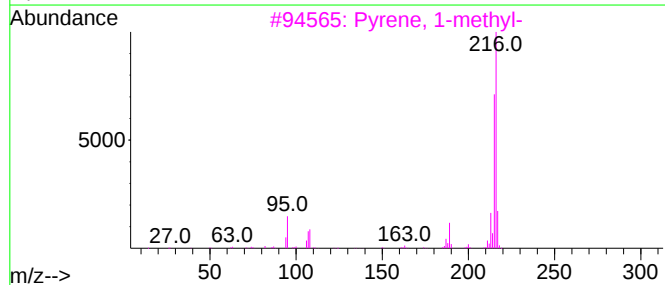
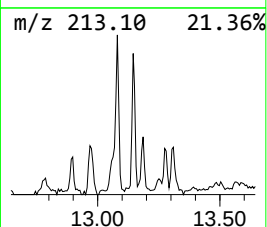
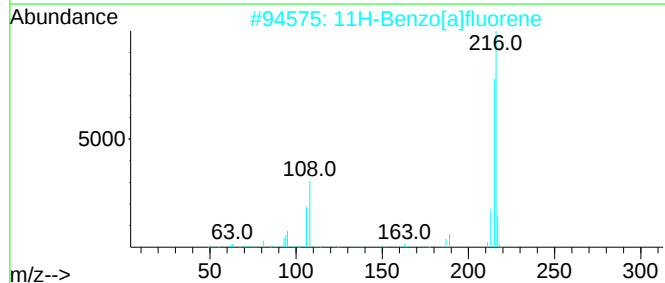
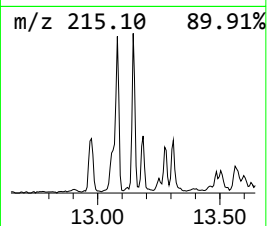
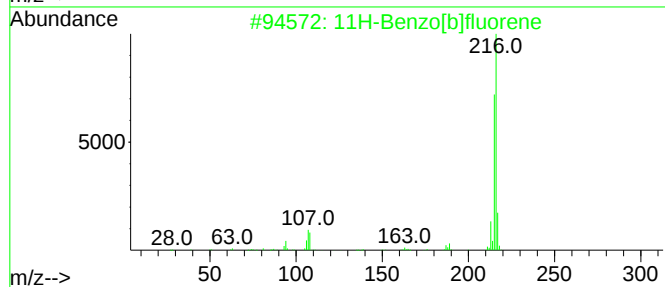
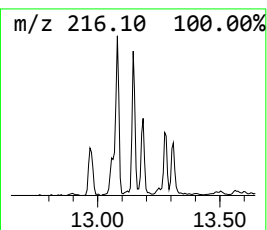
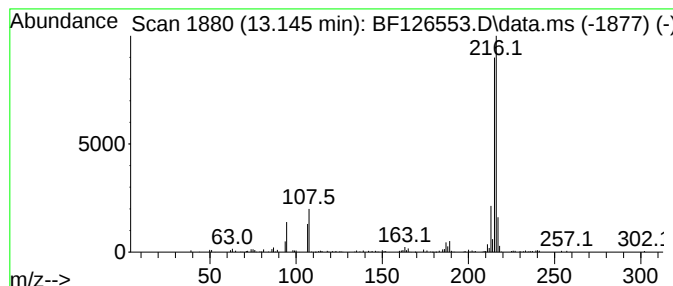
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	4.56 ng	203820	Chrysene-d12	13.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

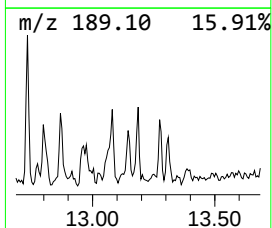
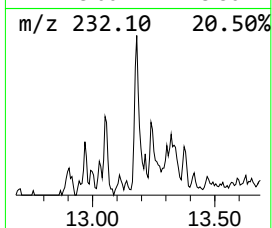
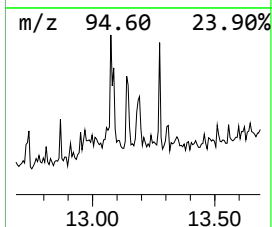
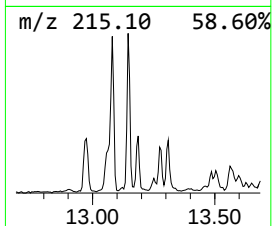
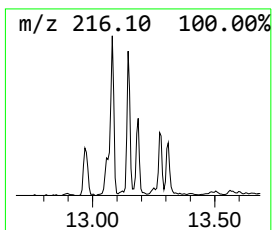
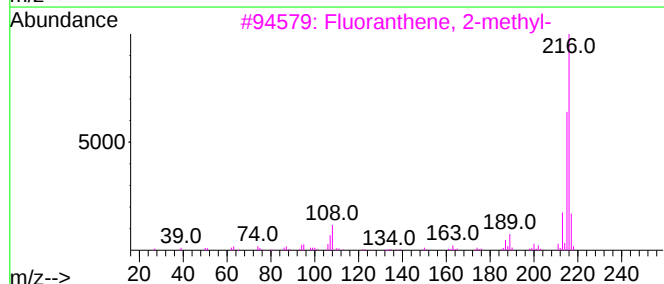
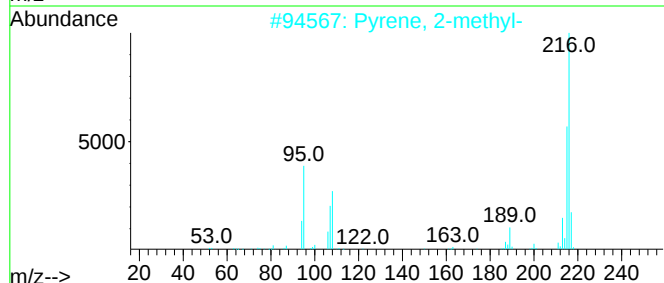
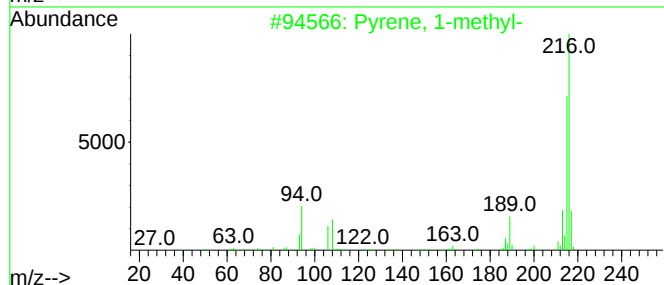
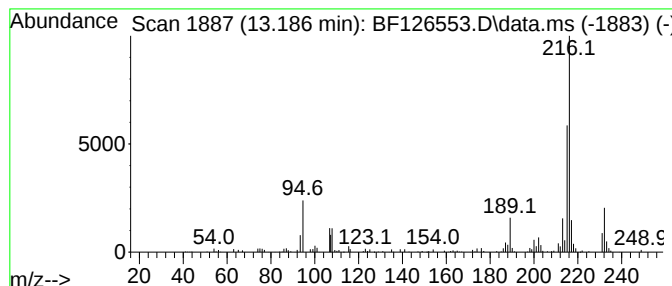
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.186	3.71 ng	165638	Chrysene-d12	13.957	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
Data File : BF126553.D
Acq On : 7 Jan 2022 20:19
Operator : JU/CG
Sample : N1070-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-2-010622

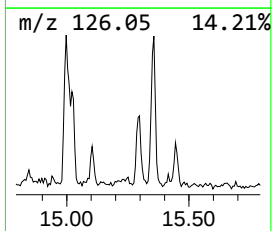
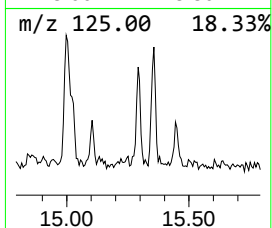
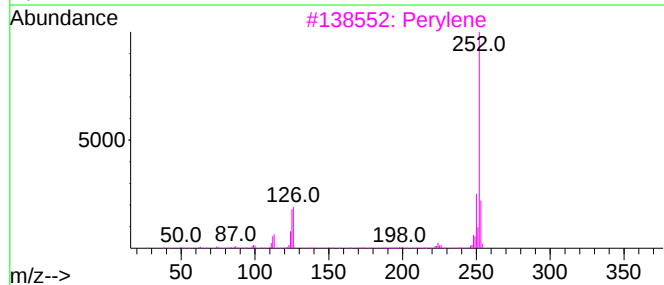
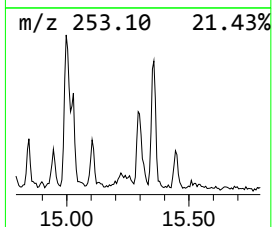
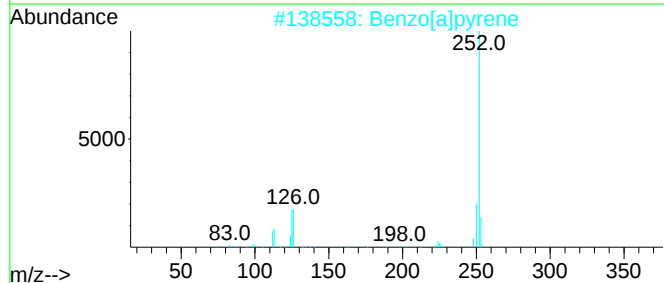
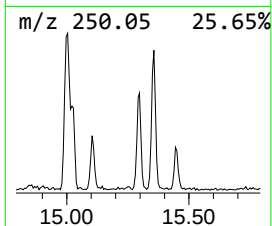
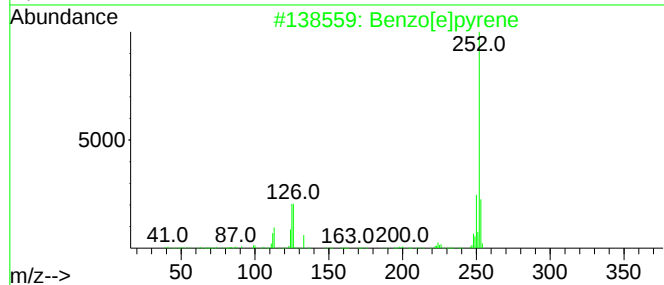
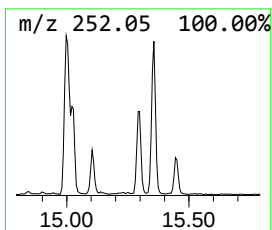
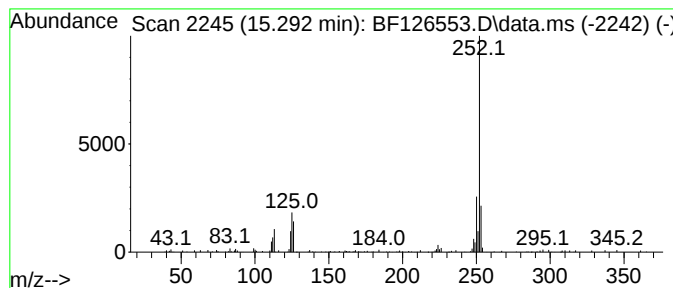
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	10.09 ng	178636	Perylene-d12	15.421

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126553.D
 Acq On : 7 Jan 2022 20:19
 Operator : JU/CG
 Sample : N1070-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-010622

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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
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Naphthalene, 2,...	9.481	3.4	ng	118457	3	9.822	692077	20.0
Naphthalene, 1,...	10.022	2.3	ng	78555	3	9.822	692077	20.0
9H-Fluorene, 2-...	10.916	3.2	ng	89147	4	11.310	551985	20.0
Dibenzothiophene	11.204	2.8	ng	76708	4	11.310	551985	20.0
Phenanthrene, 2...	11.810	6.7	ng	184608	4	11.310	551985	20.0
Phenanthrene, 1...	11.839	9.0	ng	247709	4	11.310	551985	20.0
Phenanthrene, 4...	11.886	2.6	ng	71707	4	11.310	551985	20.0
4H-Cyclopenta[d...	11.922	11.3	ng	312335	4	11.310	551985	20.0
Anthracene, 1-m...	11.945	4.1	ng	114335	4	11.310	551985	20.0
Naphthalene, 2-...	12.104	3.0	ng	84216	4	11.310	551985	20.0
Phenanthrene, 3...	12.286	2.3	ng	63118	4	11.310	551985	20.0
Phenanthrene, 2...	12.363	5.4	ng	148709	4	11.310	551985	20.0
unknown12.398	12.398	4.3	ng	118138	4	11.310	551985	20.0
Phenanthrene, 1...	12.445	2.9	ng	78994	4	11.310	551985	20.0
Fluoranthene, 2...	12.969	3.8	ng	167997	5	13.957	893121	20.0
11H-Benzo[b]flu...	13.080	5.3	ng	236783	5	13.957	893121	20.0
11H-Benzo[a]flu...	13.145	4.6	ng	203820	5	13.957	893121	20.0
Pyrene, 1-methyl-	13.186	3.7	ng	165638	5	13.957	893121	20.0
Benzo[e]pyrene	15.292	10.1	ng	178636	6	15.421	354137	20.0