

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128447.D
 Acq On : 24 May 2022 21:10
 Operator : CG\JU
 Sample : N2981-19 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0.5-1)

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-BF052022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	537	541	561	rBV	946707	1015596	25.61%	2.498%
2	6.481	710	713	729	rBV	1038995	1050521	26.49%	2.584%
3	6.845	771	775	782	rBV	724647	615647	15.52%	1.515%
4	7.410	867	871	882	rBV	832459	674096	17.00%	1.658%
5	8.128	989	993	996	rBV	979320	788376	19.88%	1.939%
6	9.198	1172	1175	1179	rBV	1314186	1116934	28.16%	2.748%
7	9.745	1265	1268	1273	rBV	47304	43641	1.10%	0.107%
8	9.886	1288	1292	1295	rBV	937009	775750	19.56%	1.908%
9	9.916	1295	1297	1301	rVB	282939	217514	5.48%	0.535%
10	10.092	1323	1327	1330	rBV	89882	85197	2.15%	0.210%
11	10.433	1381	1385	1389	rVB	202850	173252	4.37%	0.426%
12	10.592	1409	1412	1416	rVB	48767	46552	1.17%	0.115%
13	10.675	1420	1426	1432	rBV2	615881	622298	15.69%	1.531%
14	10.980	1472	1478	1481	rBV3	57263	82035	2.07%	0.202%
15	11.110	1495	1500	1502	rBV3	40807	58400	1.47%	0.144%
16	11.133	1502	1504	1508	rVV2	48484	52623	1.33%	0.129%
17	11.186	1510	1513	1516	rVV	101826	91129	2.30%	0.224%
18	11.222	1516	1519	1523	rVV2	56757	72714	1.83%	0.179%
19	11.275	1525	1528	1533	rVB	130881	115475	2.91%	0.284%
20	11.380	1542	1546	1547	rBV	766125	740285	18.67%	1.821%
21	11.404	1547	1550	1553	rVV	2037081	1761130	44.41%	4.333%
22	11.457	1553	1559	1562	rVV	555054	540239	13.62%	1.329%
23	11.492	1563	1565	1569	rVB	49988	48740	1.23%	0.120%
24	11.616	1580	1586	1590	rBV2	253672	296347	7.47%	0.729%
25	11.669	1593	1595	1600	rVV2	68923	75227	1.90%	0.185%
26	11.716	1600	1603	1607	rVB3	38689	54897	1.38%	0.135%
27	11.880	1627	1631	1633	rBV	207970	195638	4.93%	0.481%
28	11.910	1633	1636	1639	rVB	318167	277045	6.99%	0.682%
29	11.957	1641	1644	1647	rVV	135537	116010	2.93%	0.285%
30	11.992	1647	1650	1652	rVV	582015	548322	13.83%	1.349%
31	12.016	1652	1654	1659	rVB	182743	151777	3.83%	0.373%
32	12.063	1659	1662	1664	rBV2	43930	44347	1.12%	0.109%
33	12.174	1677	1681	1684	rBV	223042	186501	4.70%	0.459%
34	12.210	1684	1687	1691	rVB	162640	141691	3.57%	0.349%
35	12.322	1703	1706	1709	rVB	59564	51911	1.31%	0.128%
36	12.351	1709	1711	1714	rBV	52444	42186	1.06%	0.104%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.380	1714	1716	1721	rVB	55216	45525	1.15%	0.112%
38	12.427	1721	1724	1727	rBV	139584	155479	3.92%	0.382%
39	12.469	1729	1731	1733	rVV3	97544	93925	2.37%	0.231%
40	12.527	1736	1741	1745	rBV	209421	216583	5.46%	0.533%
41	12.604	1749	1754	1757	rBV	3457585	3857725	97.27%	9.490%
42	12.663	1761	1764	1767	rVB2	89724	78866	1.99%	0.194%
43	12.745	1774	1778	1781	rBV2	176349	186409	4.70%	0.459%
44	12.774	1781	1783	1786	rVB2	49278	48802	1.23%	0.120%
45	12.833	1786	1793	1797	rBV2	2846728	3965892	100.00%	9.756%
46	12.874	1797	1800	1805	rVB2	146702	160184	4.04%	0.394%
47	12.963	1809	1815	1817	rBV2	941989	1054542	26.59%	2.594%
48	12.992	1817	1820	1824	rVB	216766	218299	5.50%	0.537%
49	13.045	1824	1829	1833	rBV3	202959	379077	9.56%	0.933%
50	13.080	1833	1835	1840	rVB	94596	89175	2.25%	0.219%
51	13.133	1840	1844	1845	rBV2	190322	252982	6.38%	0.622%
52	13.157	1845	1848	1850	rVB	442598	430391	10.85%	1.059%
53	13.221	1855	1859	1861	rBV	395656	329534	8.31%	0.811%
54	13.257	1861	1865	1867	rVV2	270858	317112	8.00%	0.780%
55	13.280	1867	1869	1872	rVB	113206	101266	2.55%	0.249%
56	13.310	1872	1874	1877	rVB	81416	68303	1.72%	0.168%
57	13.351	1878	1881	1883	rBV	167160	138428	3.49%	0.341%
58	13.380	1883	1886	1890	rBV3	155171	157486	3.97%	0.387%
59	13.445	1895	1897	1899	rVV2	52622	50866	1.28%	0.125%
60	13.469	1899	1901	1905	rVB	57141	49950	1.26%	0.123%
61	13.574	1917	1919	1922	rVB2	68495	54152	1.37%	0.133%
62	13.639	1927	1930	1932	rBV2	58623	67557	1.70%	0.166%
63	13.668	1932	1935	1938	rBV	289824	227219	5.73%	0.559%
64	13.774	1950	1953	1955	rBV	377368	316070	7.97%	0.778%
65	13.804	1955	1958	1960	rVV	288916	264219	6.66%	0.650%
66	13.827	1960	1962	1968	rVV3	285728	417325	10.52%	1.027%
67	13.880	1968	1971	1977	rVB	326181	324645	8.19%	0.799%
68	13.945	1980	1982	1987	rVB	103358	102375	2.58%	0.252%
69	14.021	1988	1995	1999	rBV2	1756483	2895941	73.02%	7.124%
70	14.057	1999	2001	2005	rVV	1520488	1420606	35.82%	3.495%
71	14.116	2008	2011	2012	rBV2	62557	58717	1.48%	0.144%
72	14.133	2012	2014	2017	rVV	378011	342361	8.63%	0.842%
73	14.180	2020	2022	2025	rVV2	109408	126864	3.20%	0.312%
74	14.227	2027	2030	2031	rVV	105784	103790	2.62%	0.255%
75	14.245	2031	2033	2034	rVV	103723	92676	2.34%	0.228%
76	14.257	2034	2035	2038	rVB	156628	125472	3.16%	0.309%

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77	14.380	2053	2056	2058	rBV2	123453	146172	3.69%	0.360%
78	14.416	2059	2062	2064	rVV	263910	235504	5.94%	0.579%
79	14.445	2065	2067	2070	rVV2	99050	92472	2.33%	0.227%
80	14.516	2077	2079	2081	rVB	88322	66904	1.69%	0.165%
81	14.539	2081	2083	2085	rBV	148732	120331	3.03%	0.296%
82	14.563	2085	2087	2090	rVB	172753	133407	3.36%	0.328%
83	14.592	2090	2092	2093	rBV	53929	39995	1.01%	0.098%
84	14.739	2114	2117	2120	rBV2	142220	181876	4.59%	0.447%
85	14.915	2144	2147	2151	rBV2	168459	209172	5.27%	0.515%
86	15.086	2170	2176	2179	rBV	1151591	1974226	49.78%	4.857%
87	15.192	2190	2194	2198	rBV	272705	294737	7.43%	0.725%
88	15.392	2224	2228	2234	rVB	727335	897558	22.63%	2.208%
89	15.457	2234	2239	2243	rVV	992697	1274312	32.13%	3.135%
90	15.515	2246	2249	2252	rVV	294594	375126	9.46%	0.923%
91	15.551	2252	2255	2261	rVB	355380	461378	11.63%	1.135%
92	17.027	2499	2506	2513	rVB	470386	926351	23.36%	2.279%
93	17.198	2532	2535	2541	rVB	81564	134036	3.38%	0.330%
94	17.486	2578	2584	2593	rVB	339993	728821	18.38%	1.793%

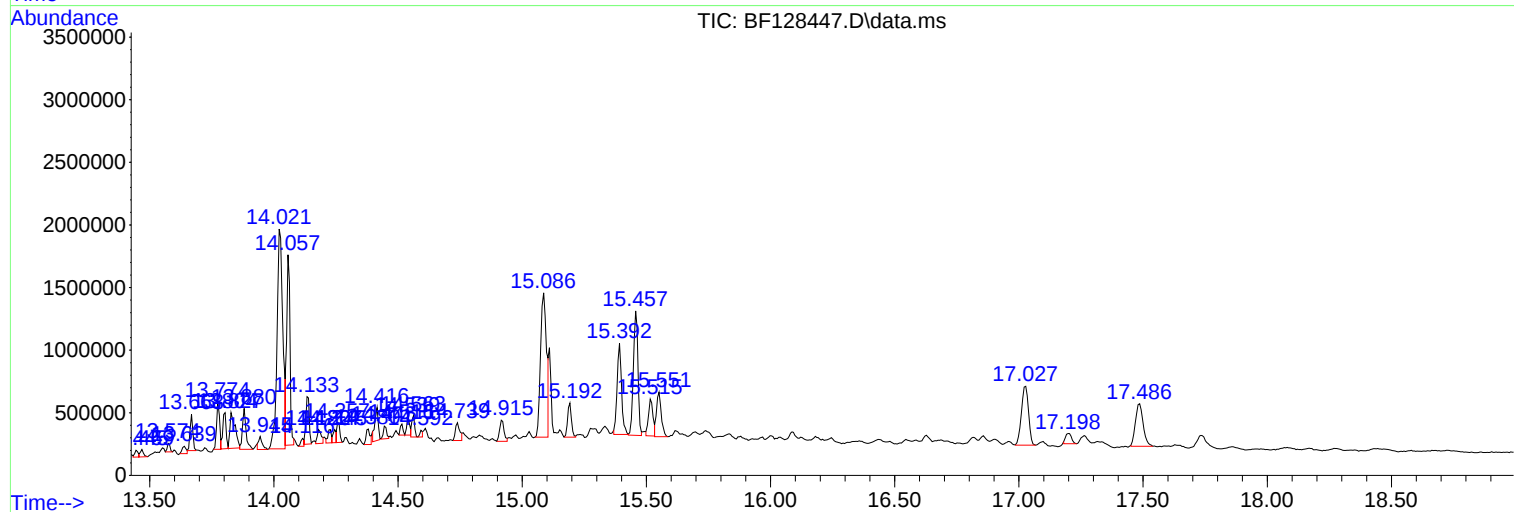
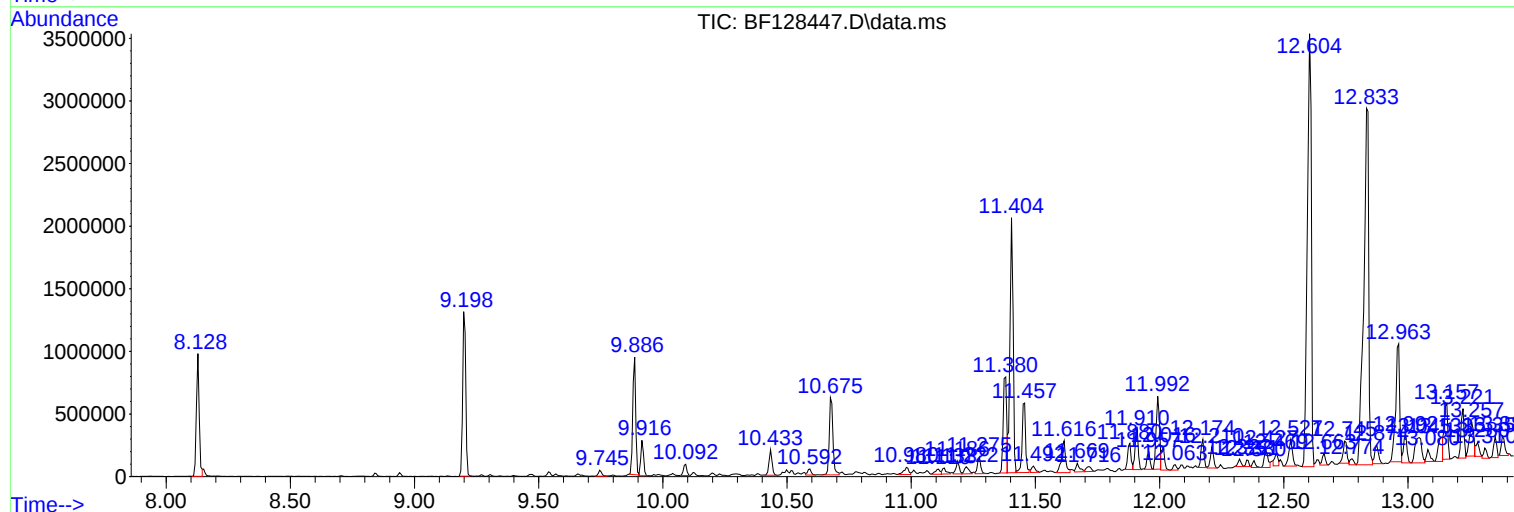
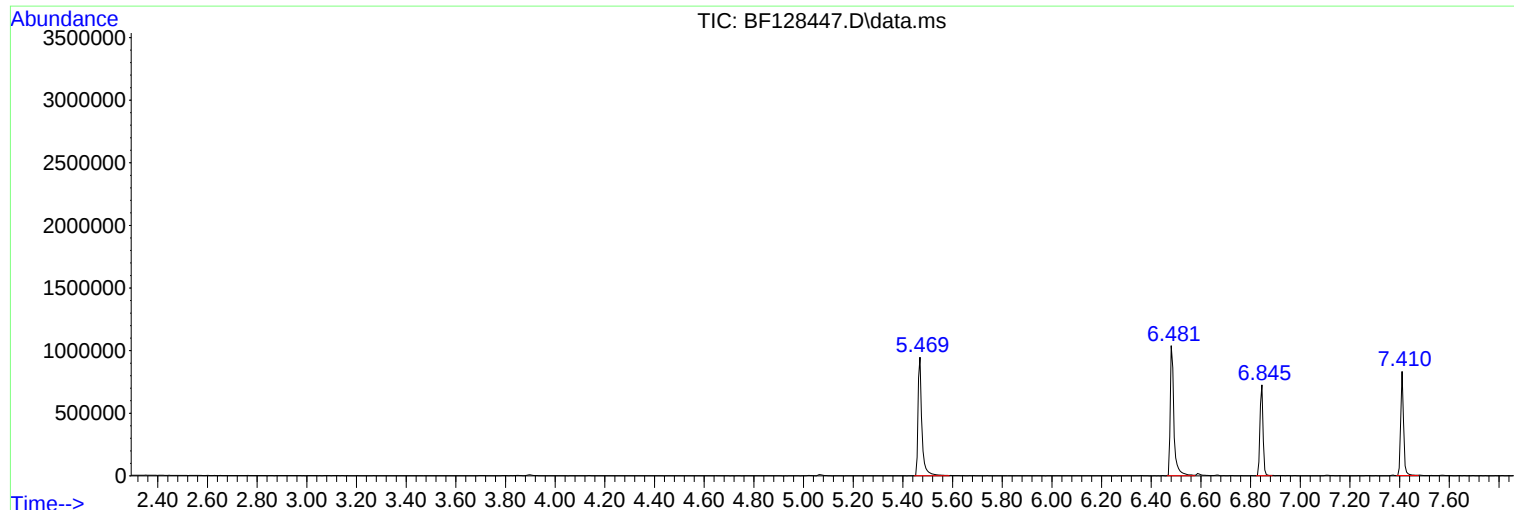
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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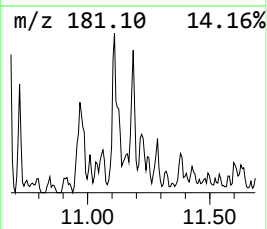
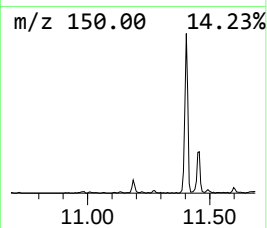
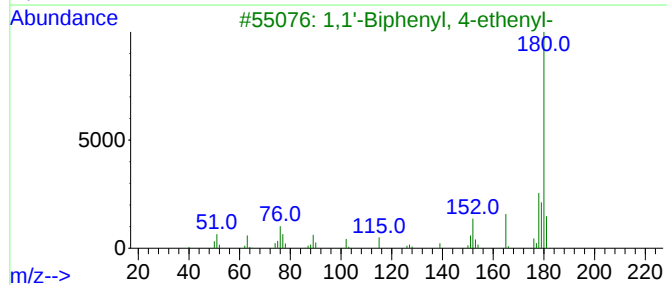
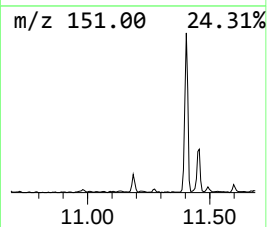
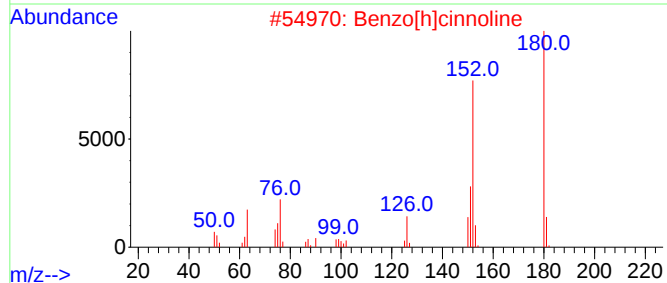
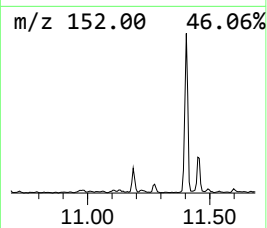
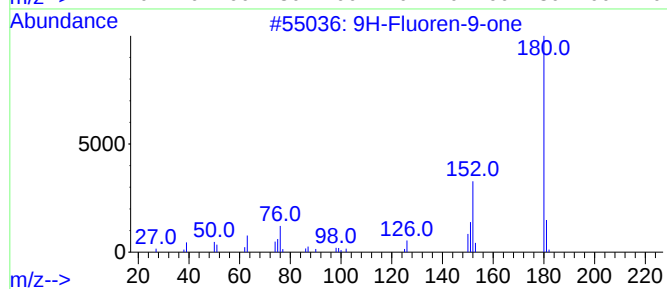
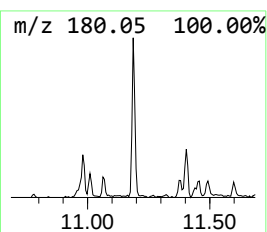
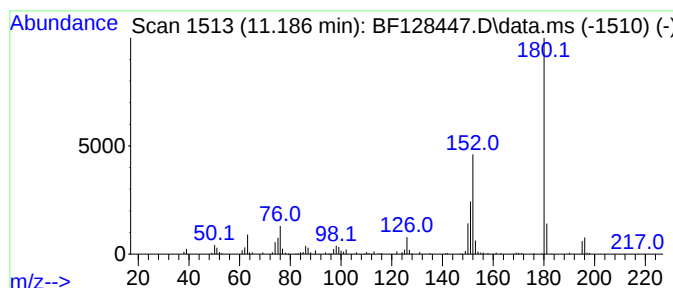
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.186	2.46 ng	91129	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3			1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	50
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5			5-(Phenylethynyl)pyrimidine	180	C12H8N2	071418-88-7	43



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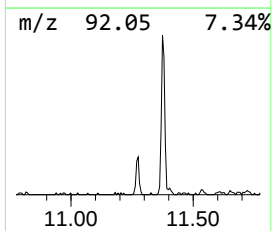
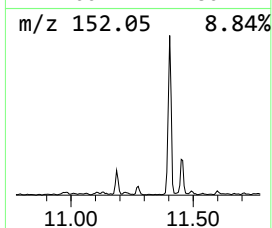
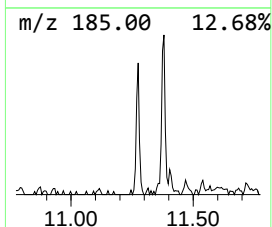
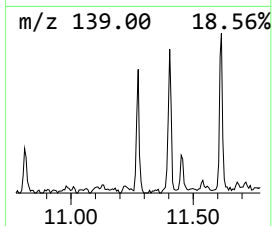
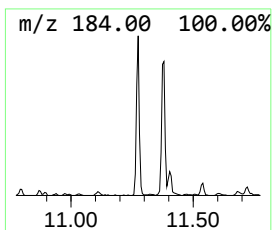
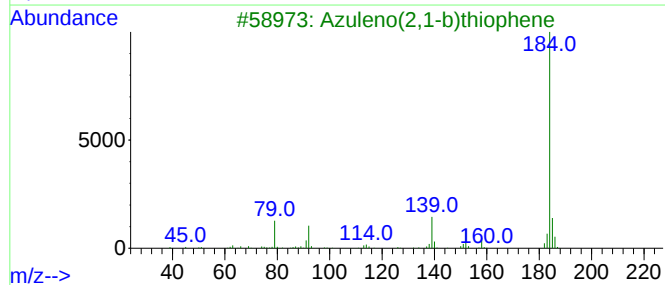
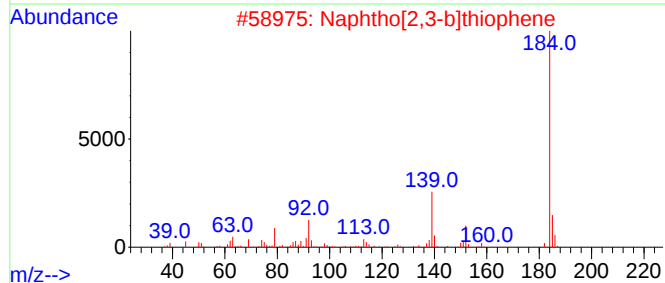
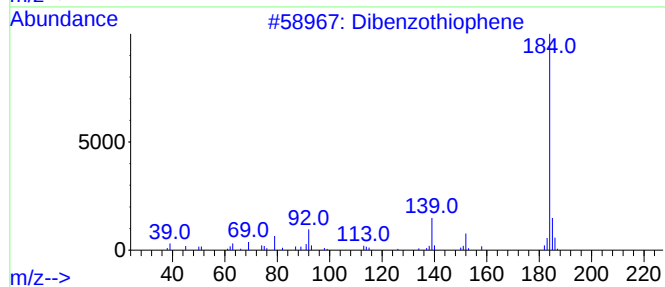
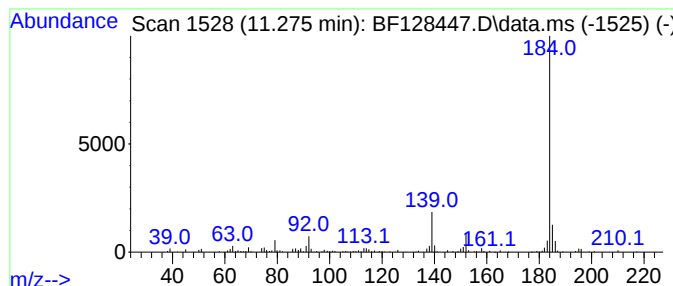
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	3.12 ng	115475	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90



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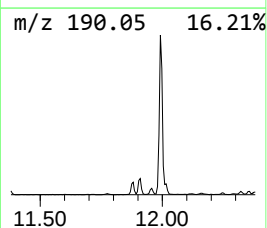
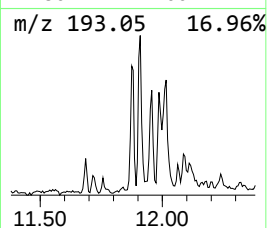
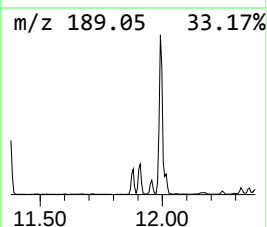
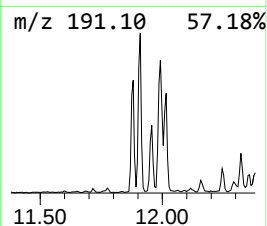
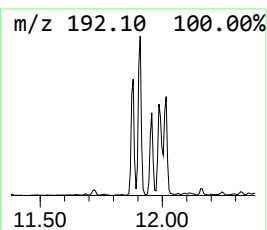
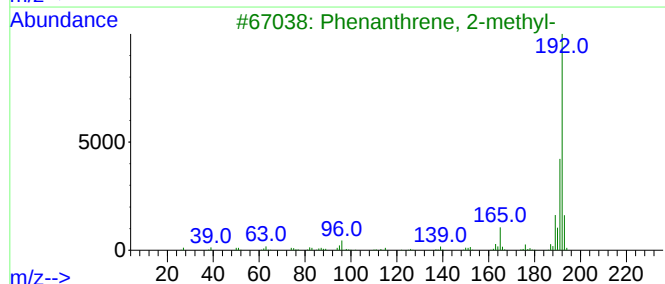
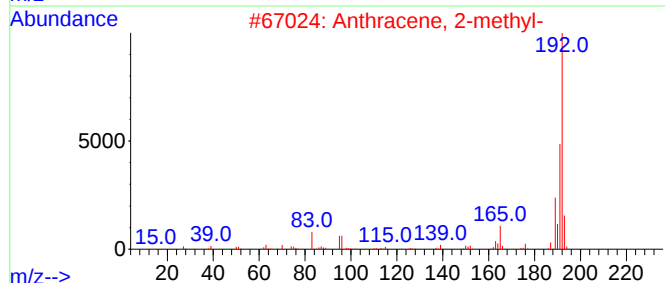
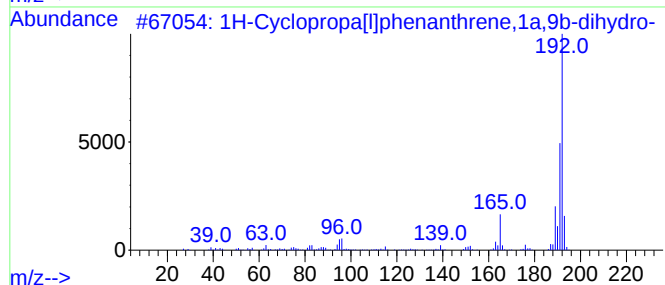
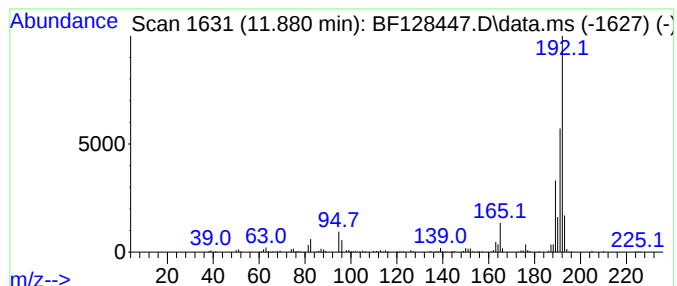
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	5.29 ng	195638	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
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Instrument :
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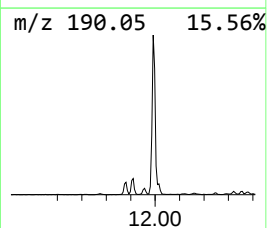
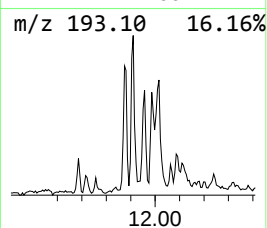
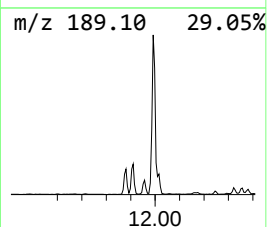
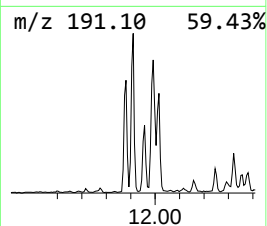
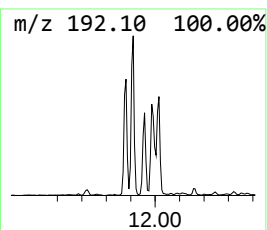
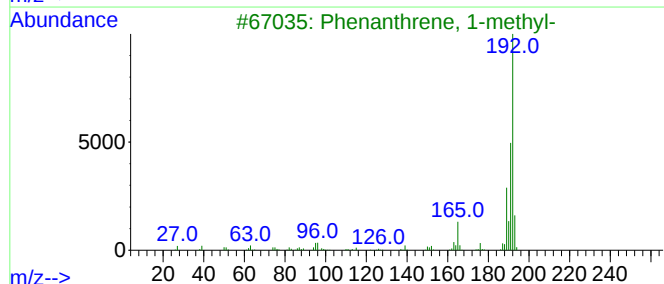
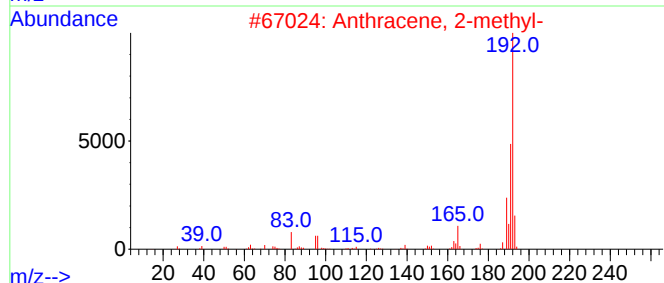
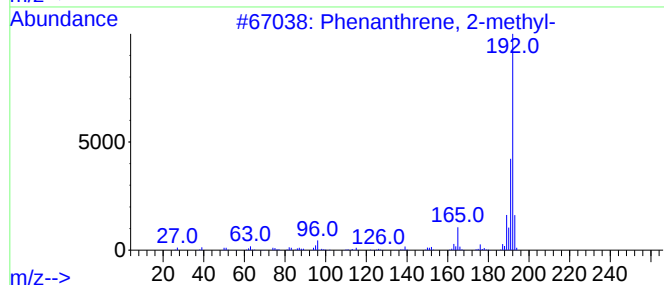
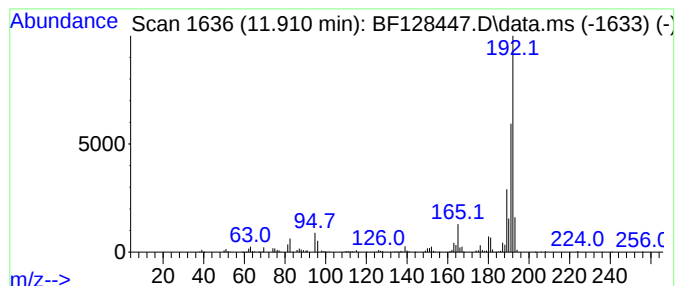
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	7.48 ng	277045	Phenanthrene-d10	11.380

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			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1)

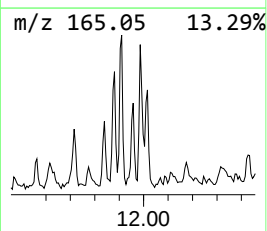
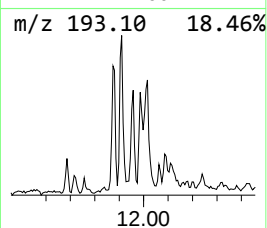
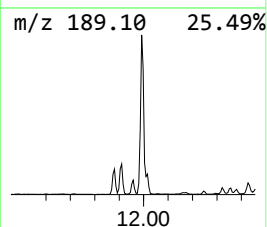
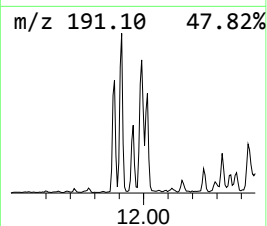
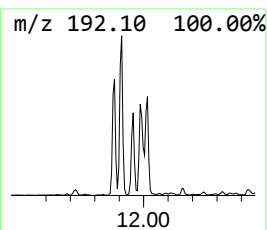
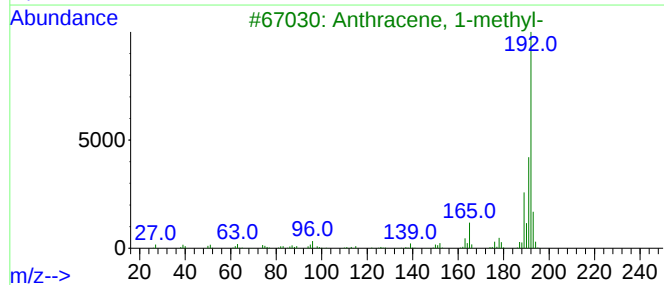
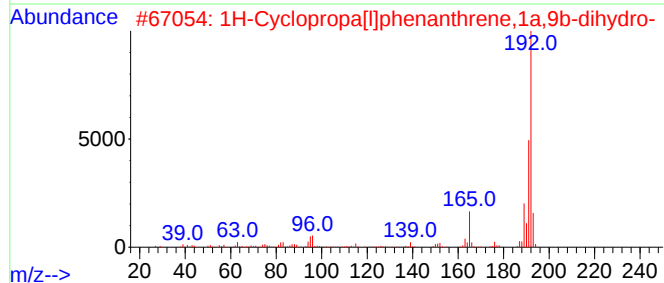
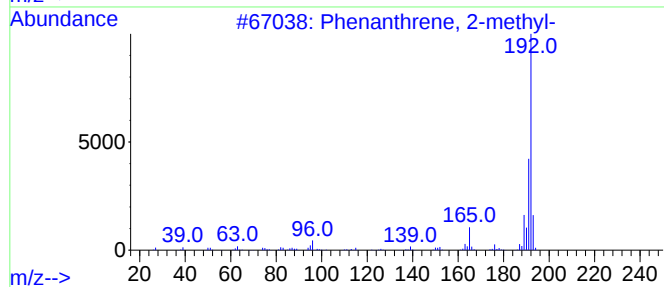
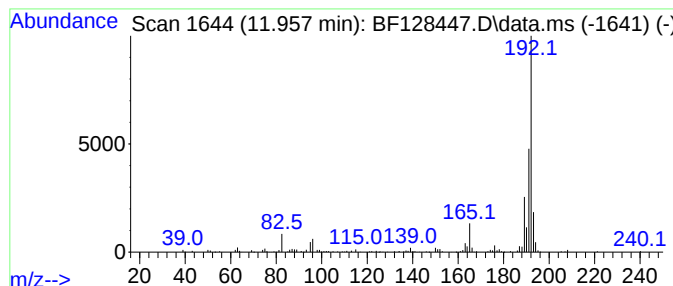
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.13 ng	116010	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6(0.5-1)

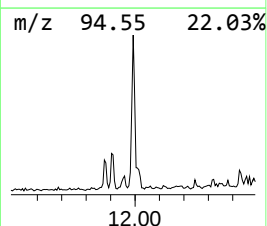
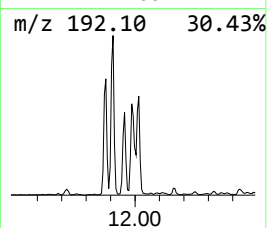
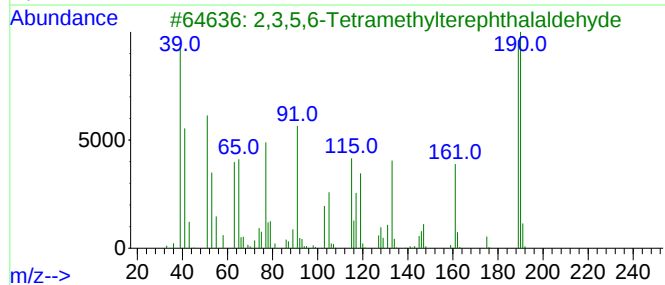
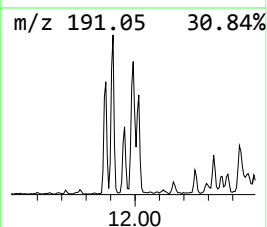
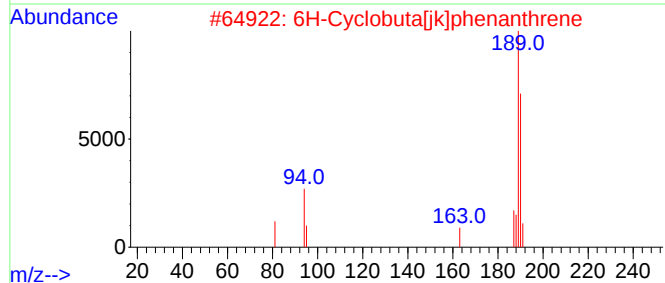
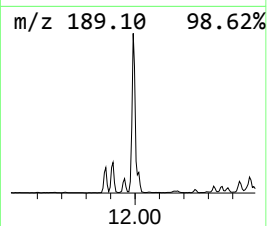
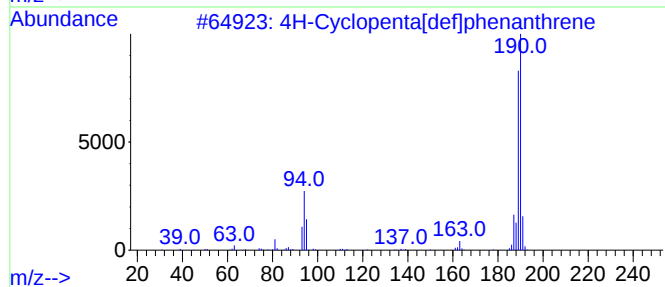
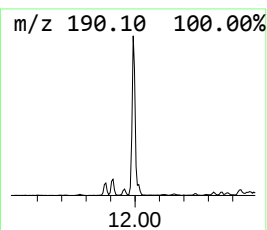
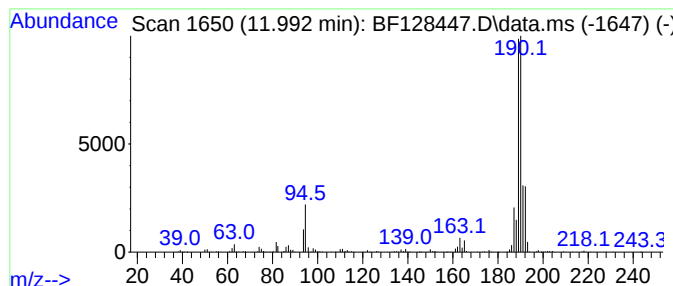
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	14.81 ng	548322	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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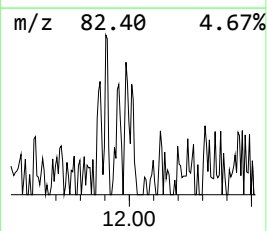
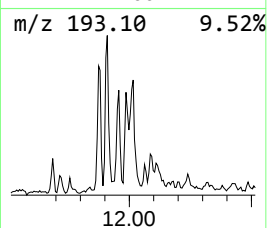
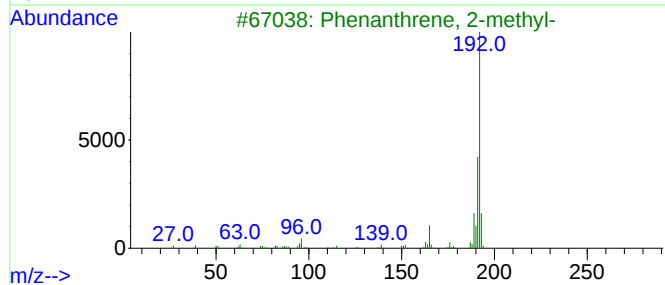
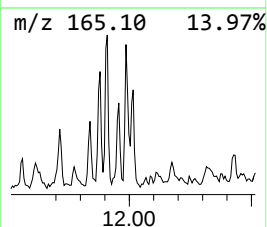
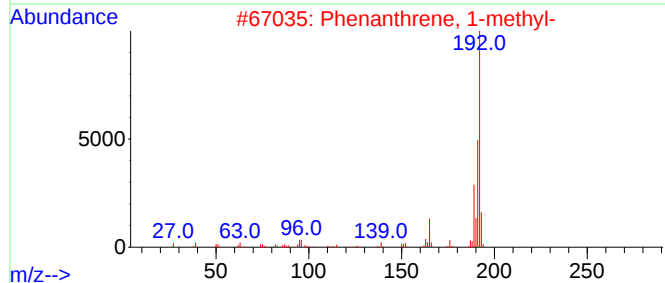
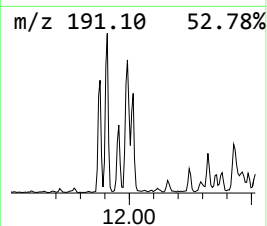
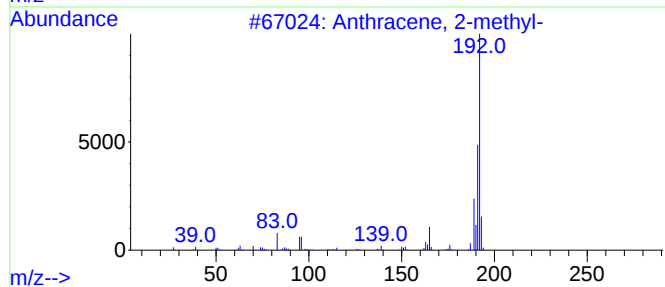
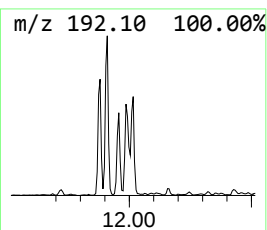
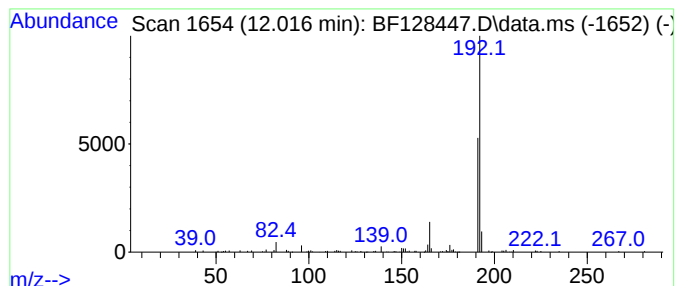
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.10 ng	151777	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
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Acq On : 24 May 2022 21:10
Operator : CG\JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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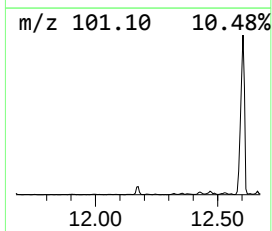
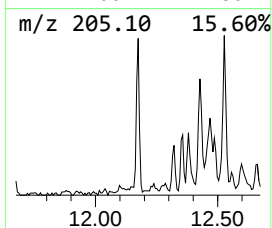
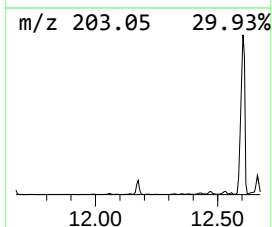
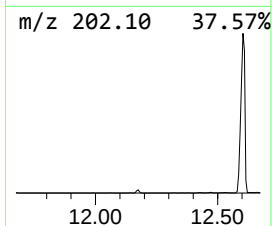
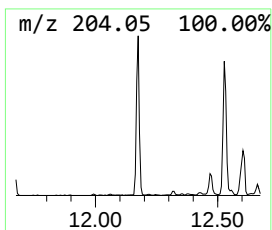
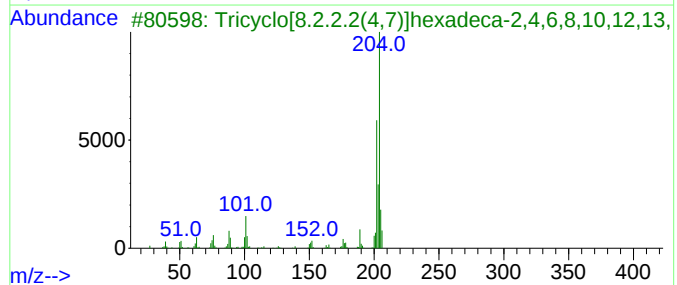
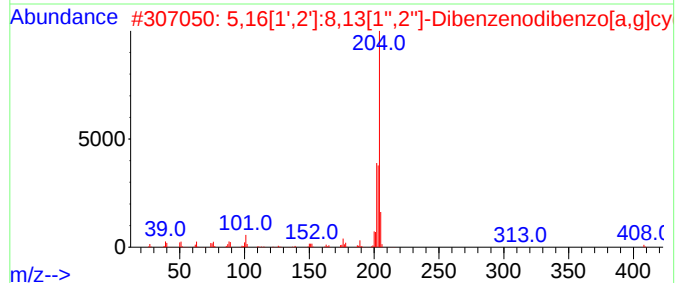
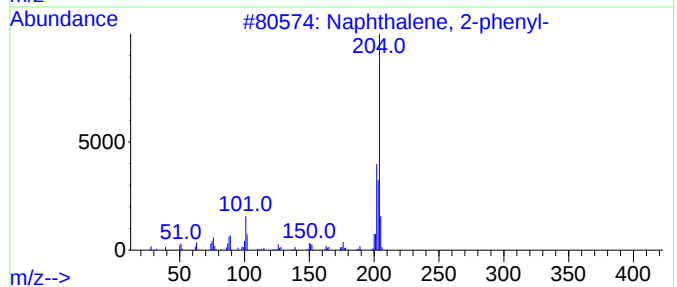
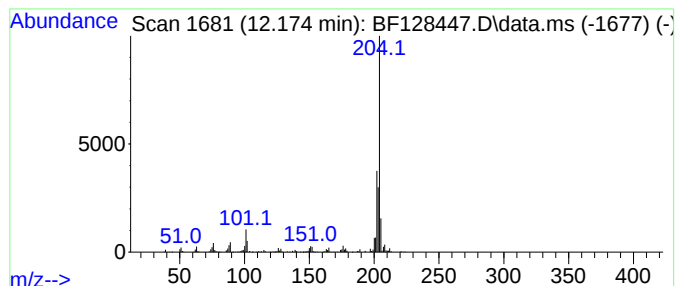
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	5.04 ng	186501	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
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ClientSampleId :
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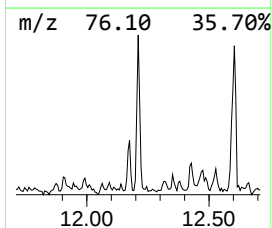
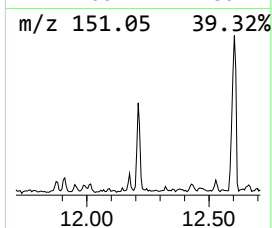
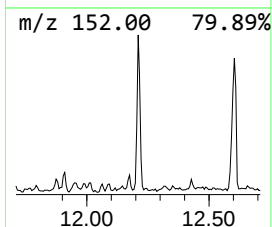
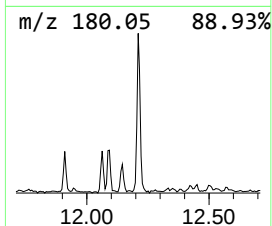
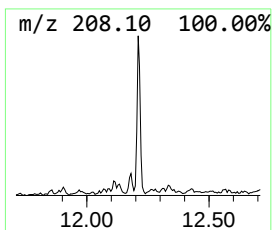
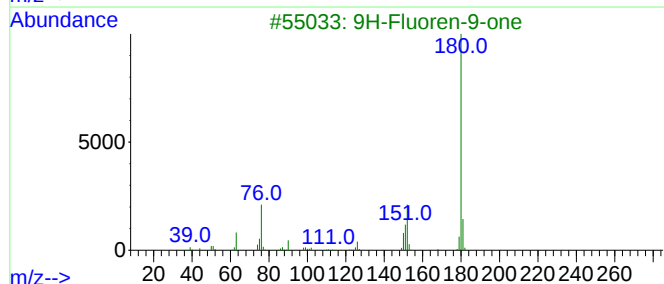
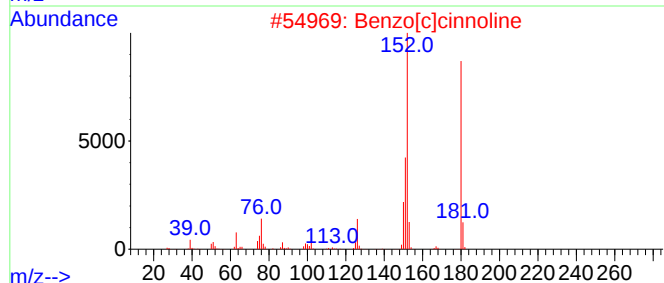
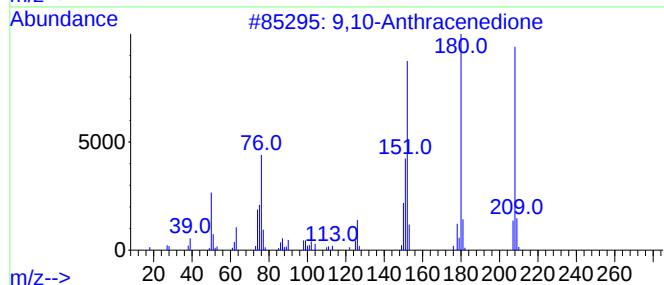
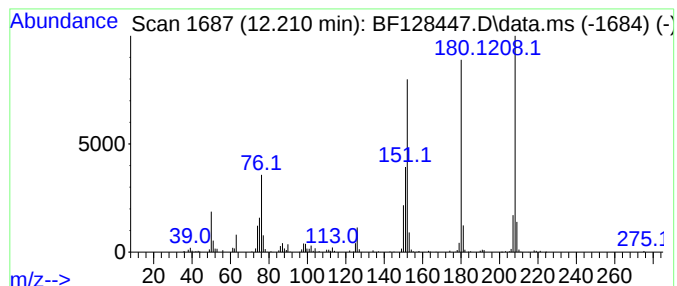
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.83 ng	141691	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
SB-6(0.5-1)

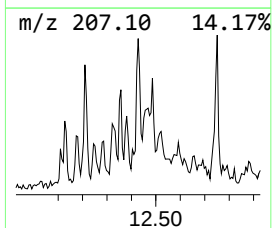
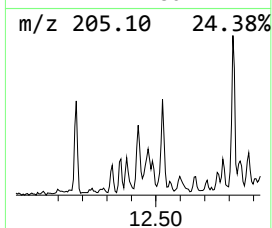
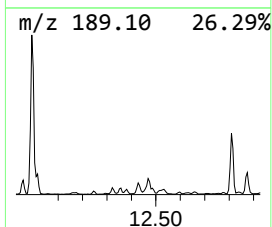
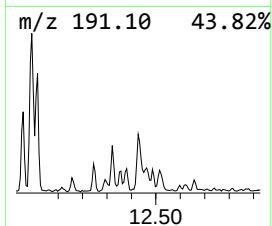
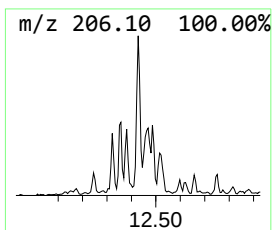
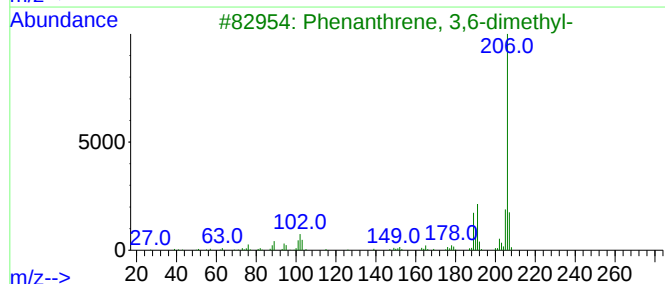
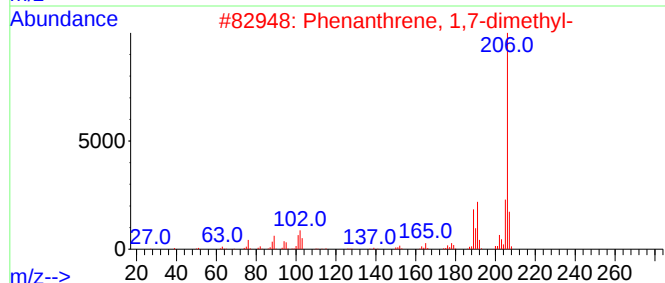
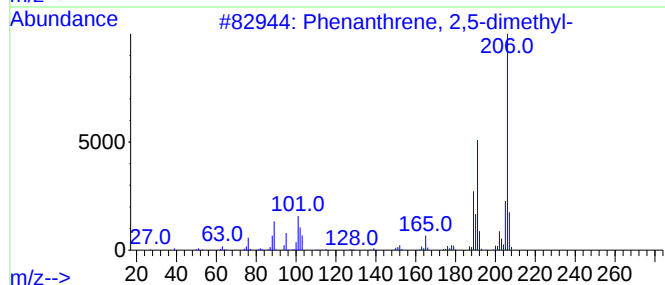
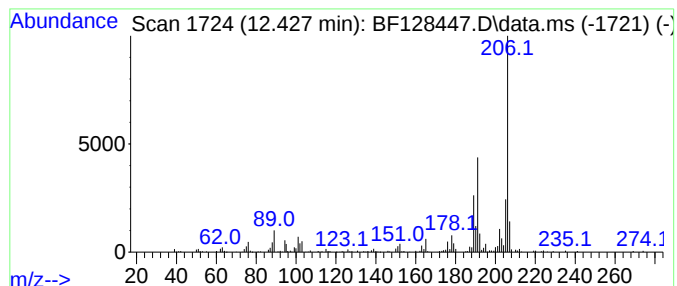
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	4.20 ng	155479	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6(0.5-1)

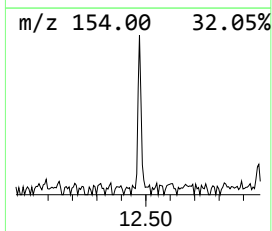
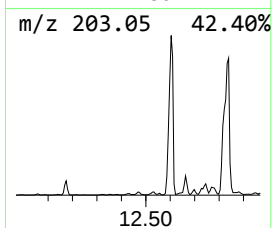
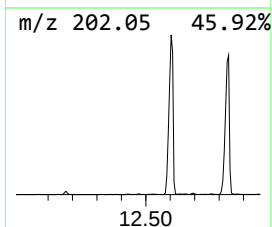
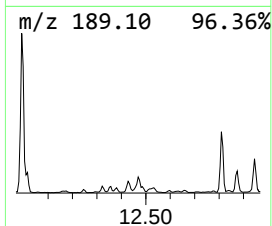
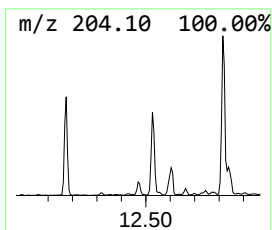
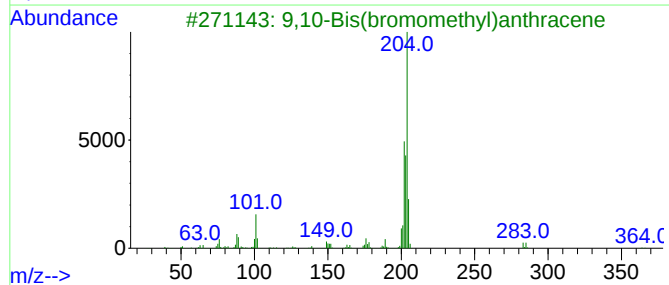
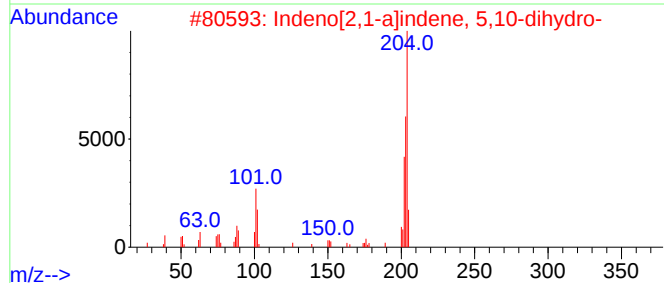
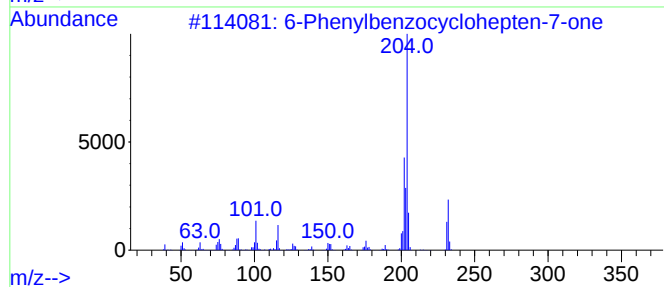
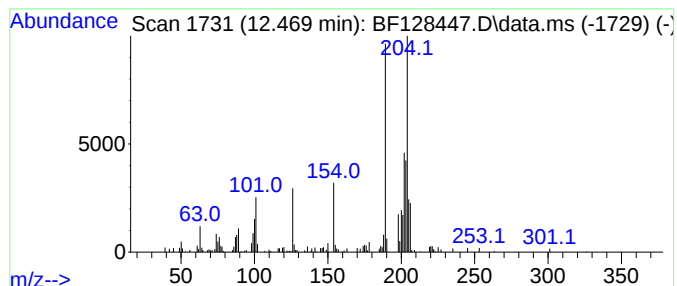
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.469 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.54 ng	93925	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	43
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	37
4		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	37
5		Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
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Operator : CG\JU
Sample : N2981-19 2X
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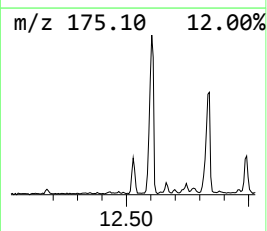
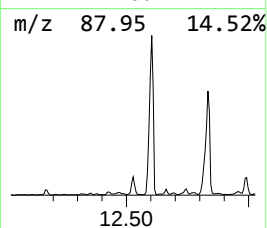
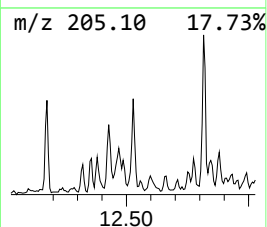
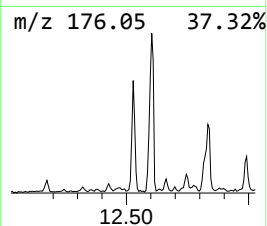
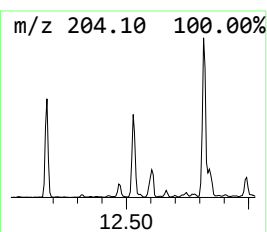
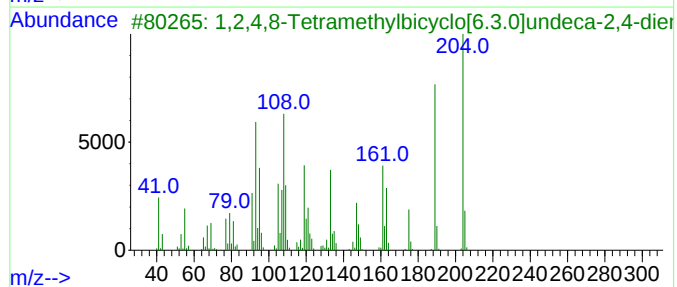
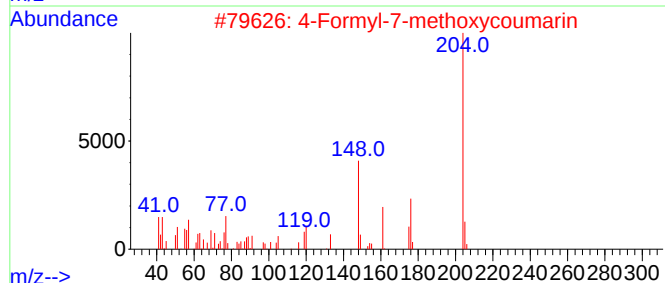
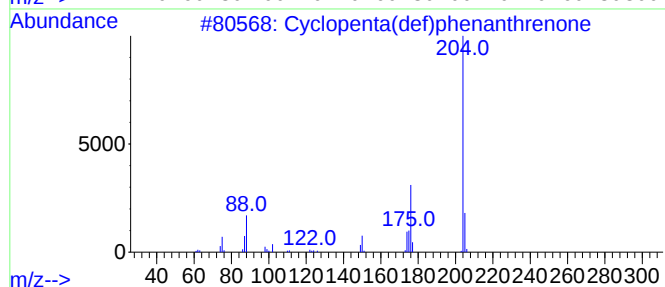
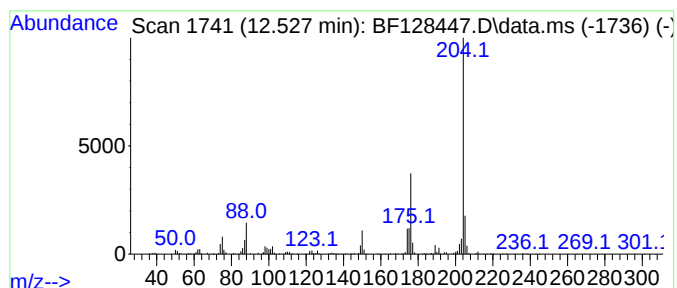
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SB-6(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.527	5.85 ng	216583	Phenanthrene-d10	11.380	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	60
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6(0.5-1)

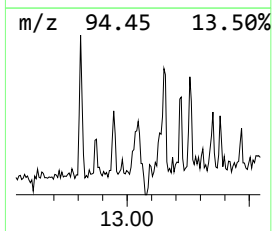
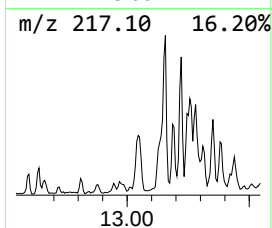
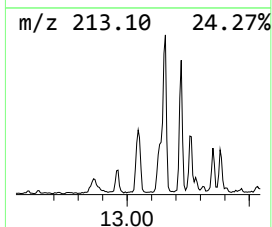
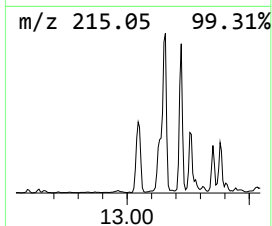
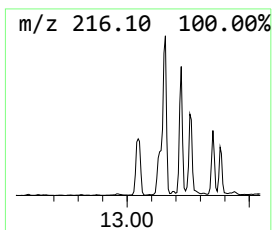
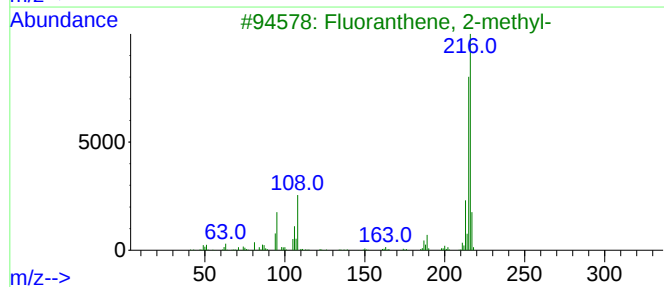
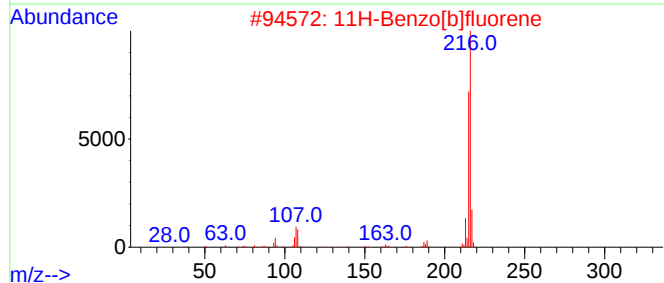
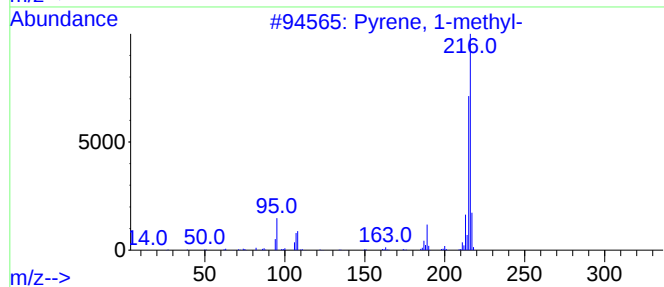
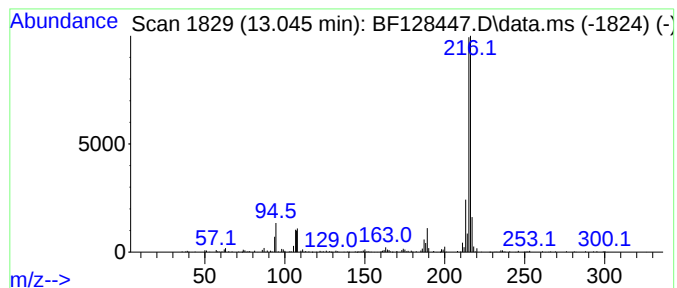
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	2.62 ng	379077	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6(0.5-1)

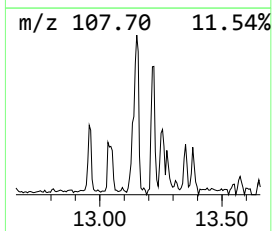
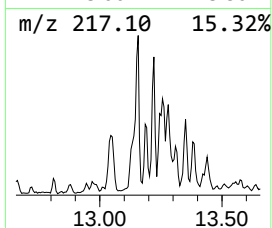
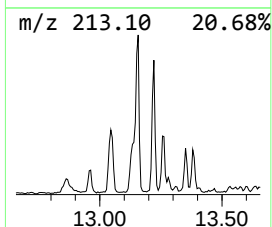
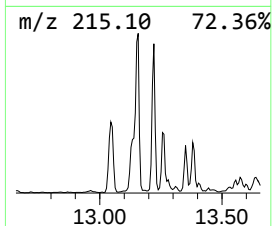
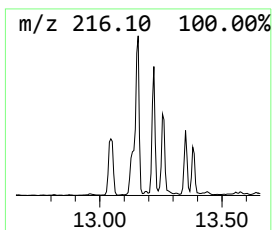
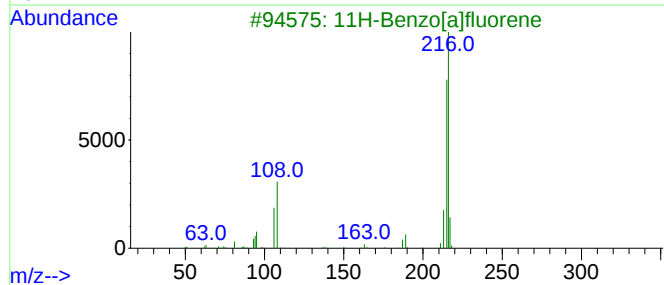
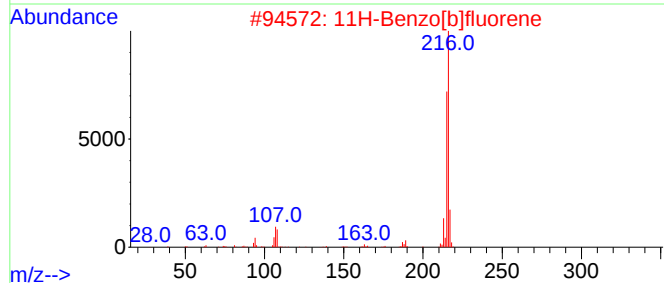
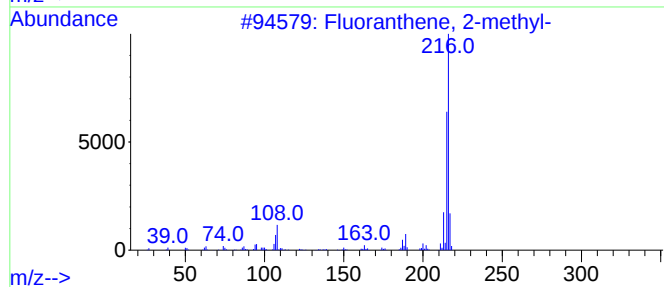
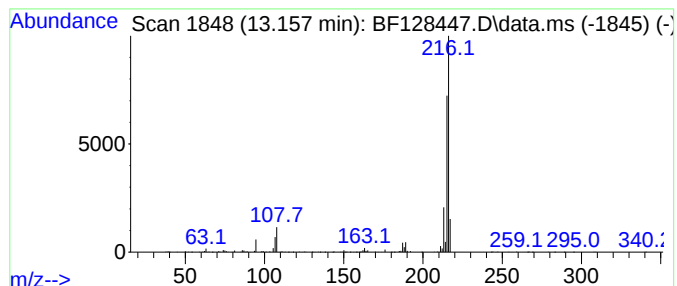
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.97 ng	430391	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

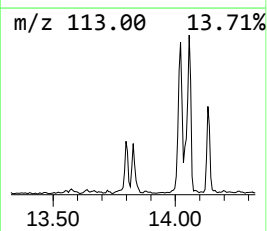
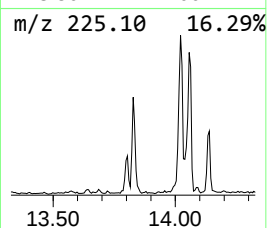
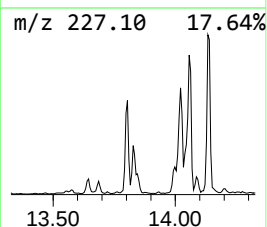
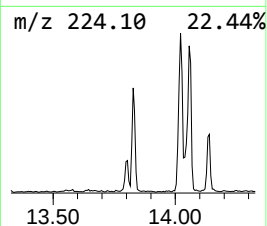
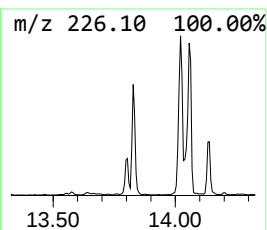
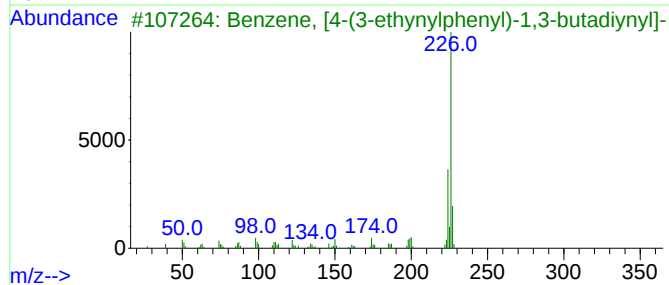
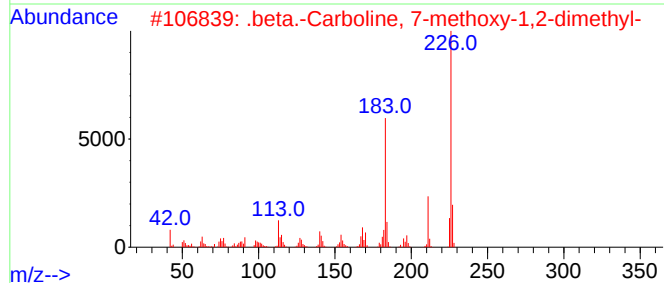
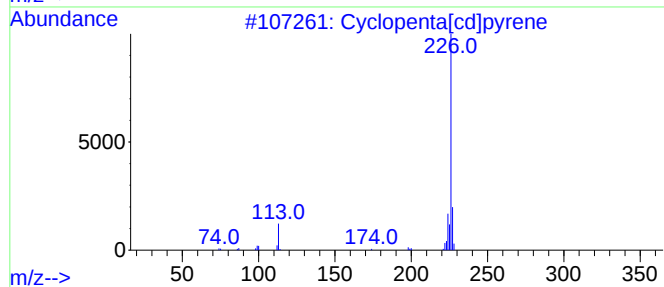
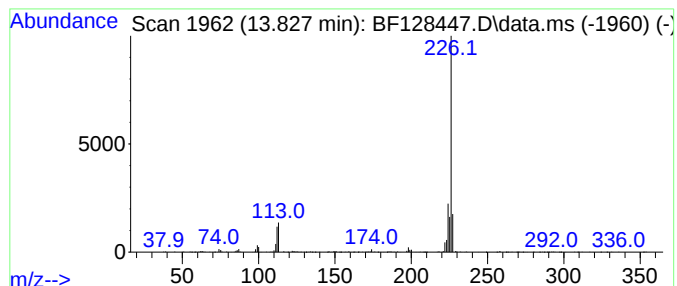
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ClientSampleId :
SB-6(0.5-1)

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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 15 Cyclopenta[cd]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.827	2.88 ng	417325	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
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ClientSampleId :
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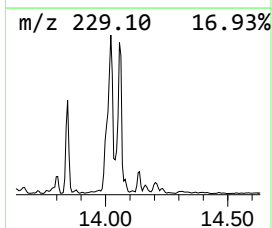
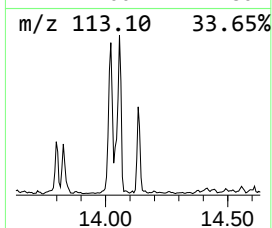
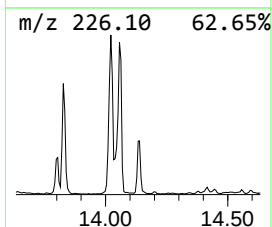
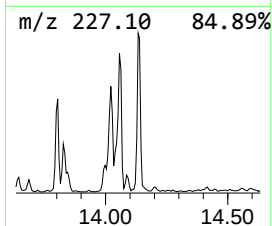
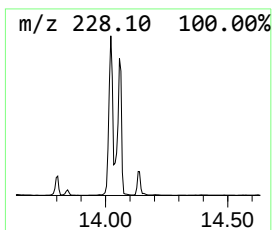
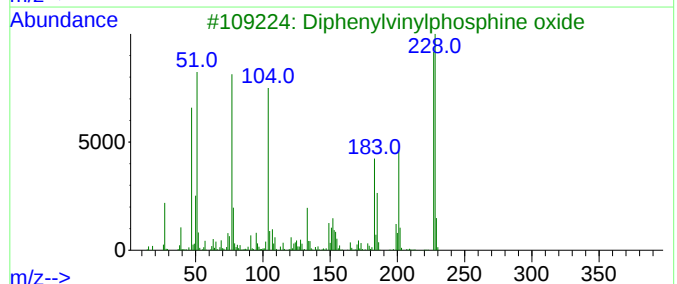
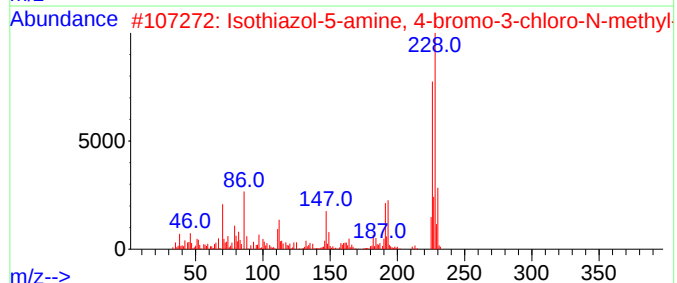
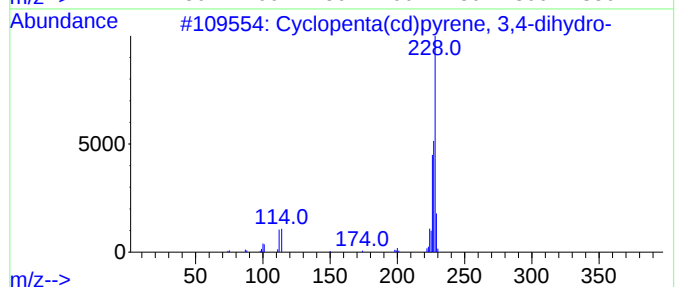
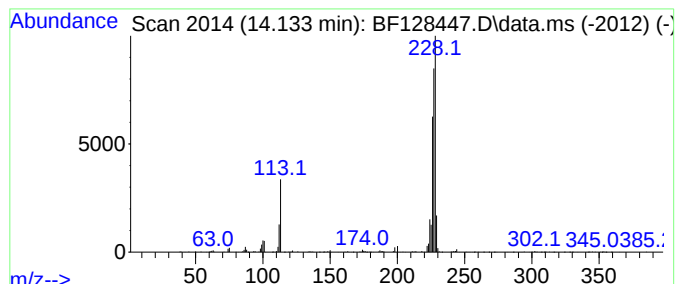
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	2.36 ng	342361	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	50
3		Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4		Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5		Triphenylene	228	C18H12	000217-59-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-6(0.5-1)

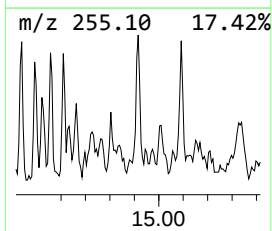
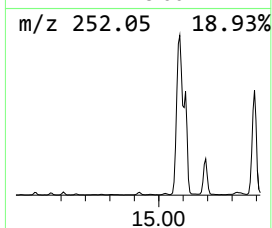
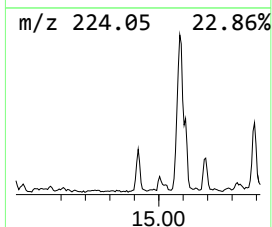
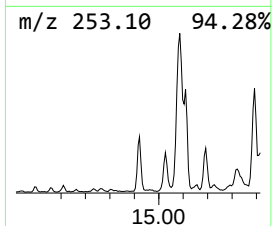
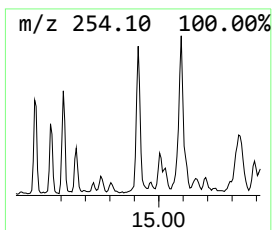
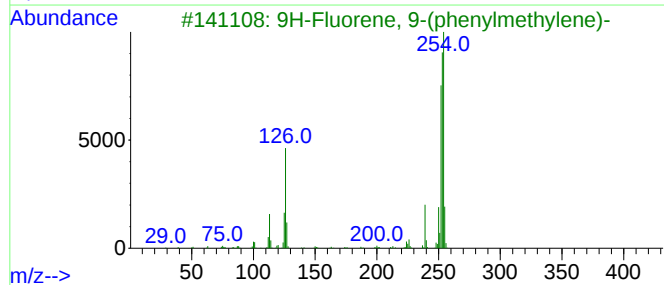
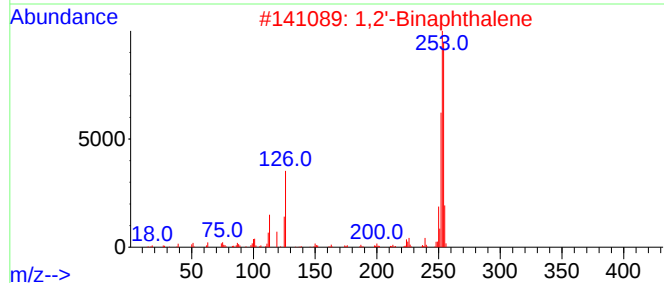
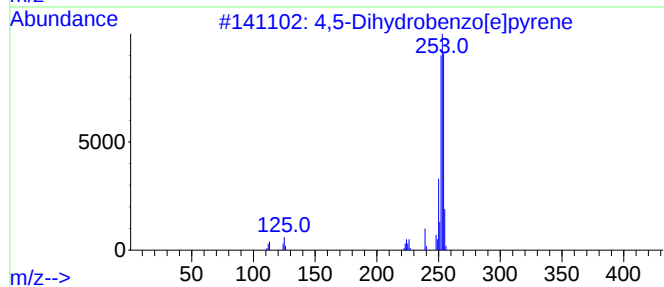
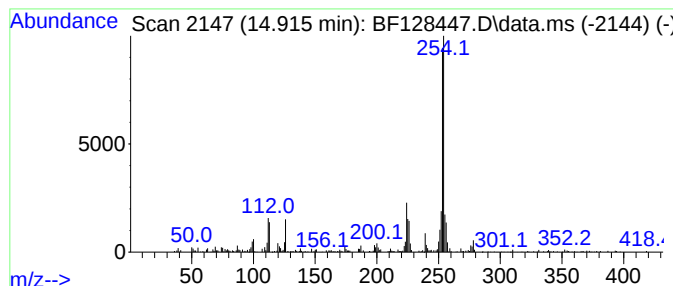
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4,5-Dihydrobenzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	11.15 ng	209172	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	72
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	72
3		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
4		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5		9H-Fluorene-9-methanol, .alpha.-...	314	C22H18O2	063839-89-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1)

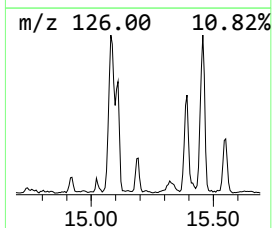
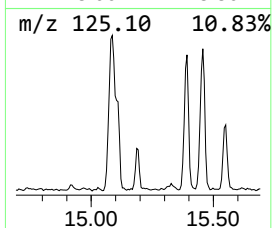
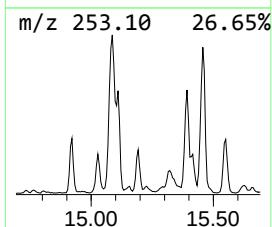
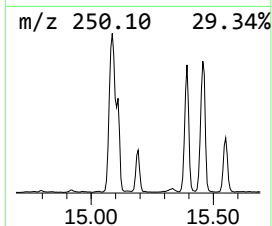
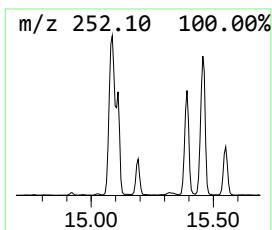
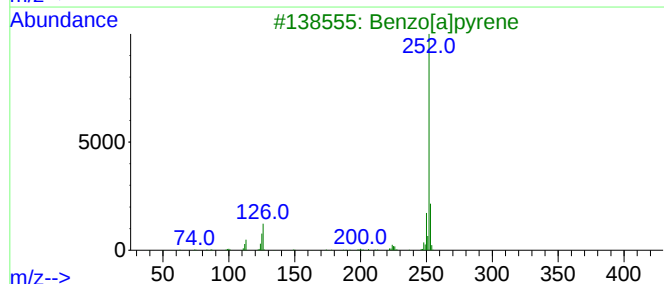
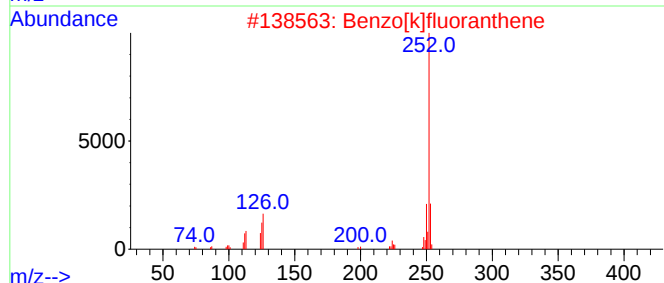
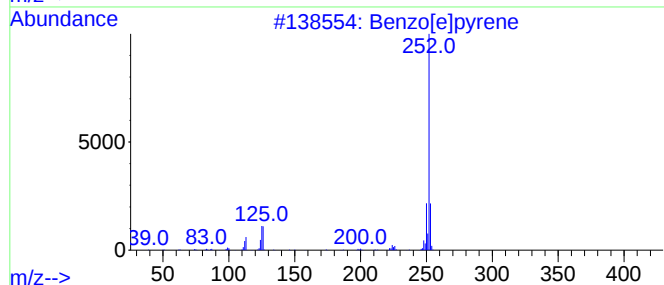
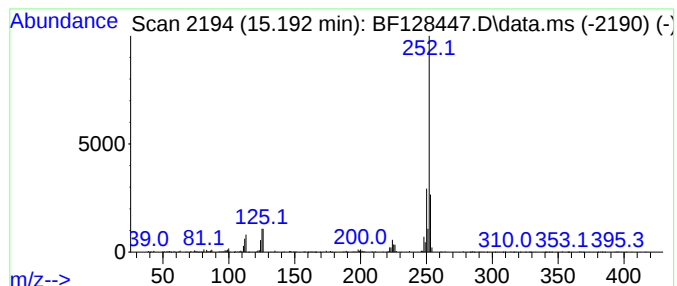
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.192	15.71 ng	294737	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1)

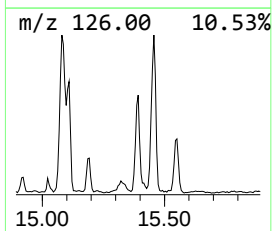
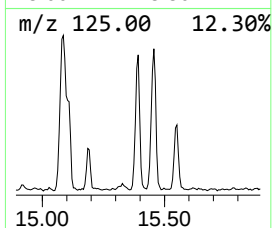
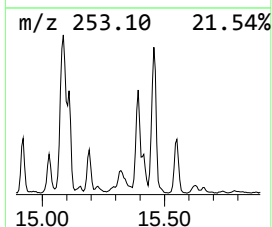
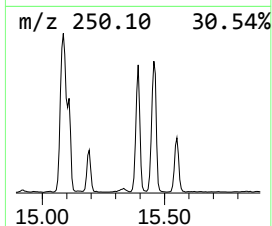
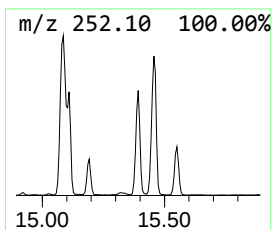
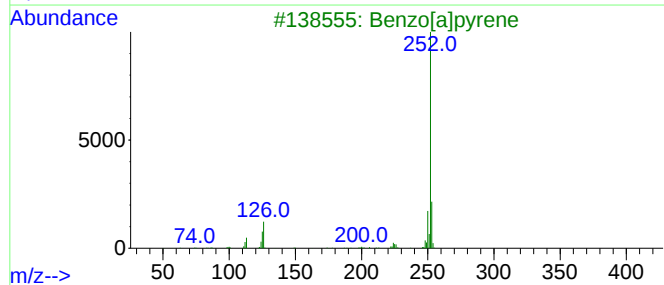
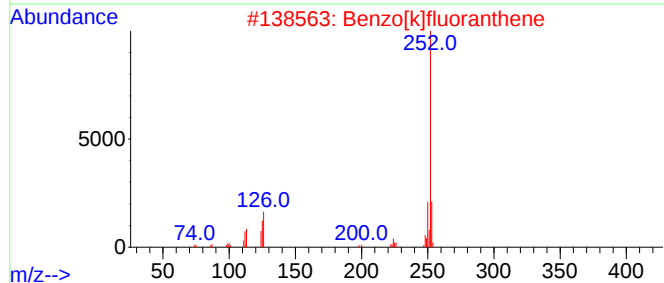
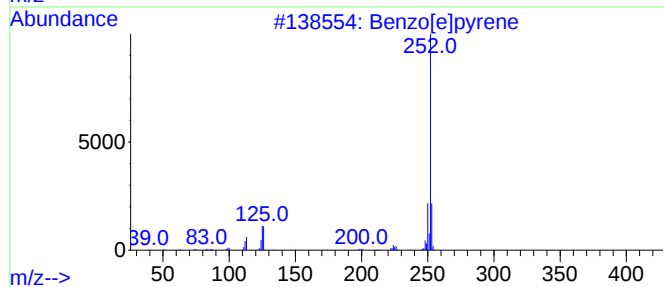
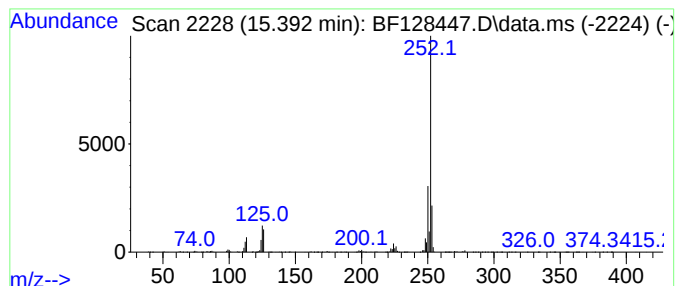
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	47.85 ng	897558	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
Data File : BF128447.D
Acq On : 24 May 2022 21:10
Operator : CG\JU
Sample : N2981-19 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1)

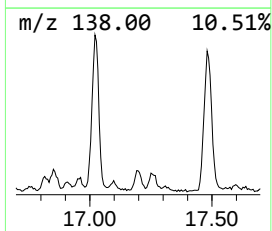
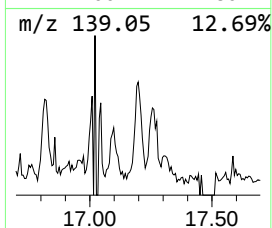
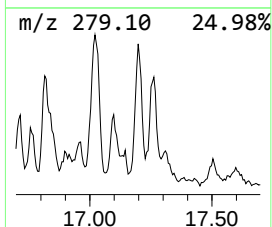
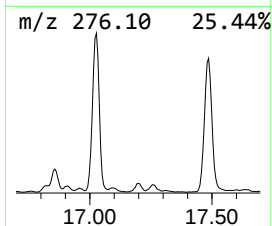
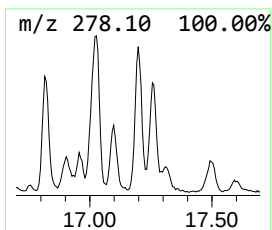
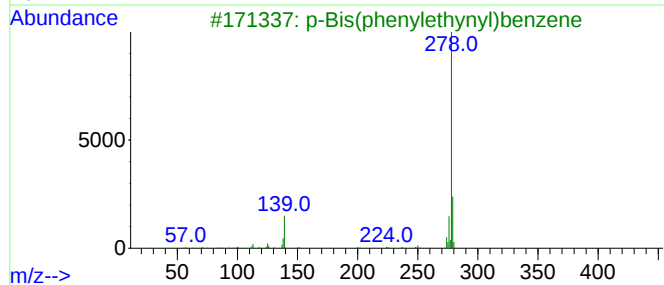
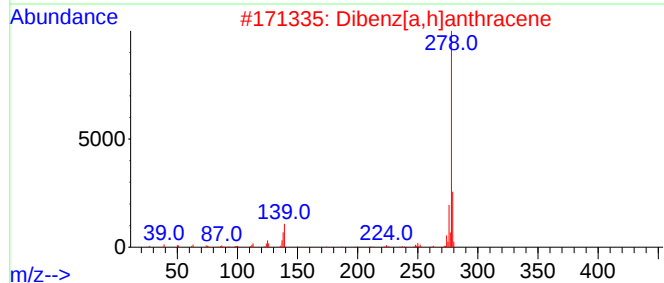
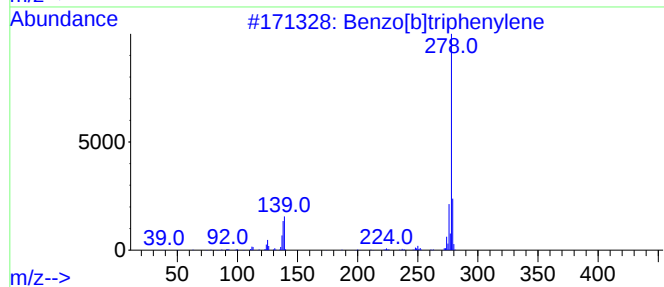
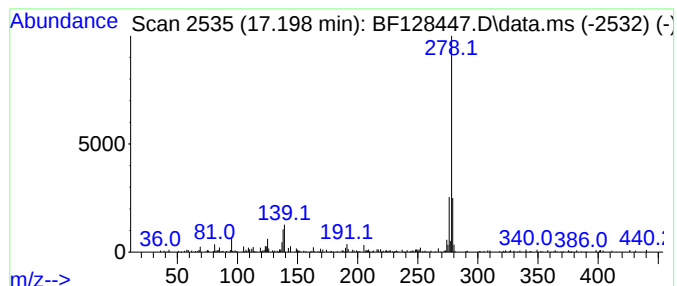
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	7.15 ng	134036	Perylene-d12	15.515

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3		p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	93
4		Pentacene	278	C22H14	000135-48-8	89
5		Dibenz[a,j]anthracene	278	C22H14	000224-41-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128447.D
 Acq On : 24 May 2022 21:10
 Operator : CG\JU
 Sample : N2981-19 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.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
9H-Fluoren-9-one	11.186	2.5	ng	91129	4	11.380	740285	20.0
Dibenzothiophene	11.275	3.1	ng	115475	4	11.380	740285	20.0
1H-Cyclopropa[1...	11.880	5.3	ng	195638	4	11.380	740285	20.0
Phenanthrene, 2...	11.910	7.5	ng	277045	4	11.380	740285	20.0
Anthracene, 1-m...	11.957	3.1	ng	116010	4	11.380	740285	20.0
4H-Cyclopenta[d...	11.992	14.8	ng	548322	4	11.380	740285	20.0
Anthracene, 2-m...	12.016	4.1	ng	151777	4	11.380	740285	20.0
Naphthalene, 2-...	12.175	5.0	ng	186501	4	11.380	740285	20.0
9,10-Anthracene...	12.210	3.8	ng	141691	4	11.380	740285	20.0
Phenanthrene, 2...	12.427	4.2	ng	155479	4	11.380	740285	20.0
unknown12.469	12.469	2.5	ng	93925	4	11.380	740285	20.0
Cyclopenta(def)...	12.527	5.8	ng	216583	4	11.380	740285	20.0
Pyrene, 1-methyl-	13.045	2.6	ng	379077	5	14.033	2895940	20.0
Fluoranthene, 2...	13.157	3.0	ng	430391	5	14.033	2895940	20.0
Cyclopenta[cd]p...	13.827	2.9	ng	417325	5	14.033	2895940	20.0
Cyclopenta(cd)p...	14.133	2.4	ng	342361	5	14.033	2895940	20.0
4,5-Dihydrobenz...	14.916	11.2	ng	209172	6	15.515	375126	20.0
Benzo[e]pyrene	15.192	15.7	ng	294737	6	15.515	375126	20.0
Perylene	15.392	47.9	ng	897558	6	15.515	375126	20.0
Benzo[b]triphen...	17.198	7.2	ng	134036	6	15.515	375126	20.0