

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135738.D
 Acq On : 12 Oct 2023 16:59
 Operator : CG\JU
 Sample : 04657-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2(0-2IN)

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	556	559	585	rBV	1560391	1709142	99.94%	6.780%
2	6.392	728	732	755	rBV	1506890	1710226	100.00%	6.784%
3	6.739	788	791	799	rBV	576470	495719	28.99%	1.966%
4	7.304	884	887	906	rBV	1074549	992943	58.06%	3.939%
5	8.016	1005	1008	1011	rBV	707130	624804	36.53%	2.479%
6	8.039	1011	1012	1019	rVB	197914	148430	8.68%	0.589%
7	8.733	1127	1130	1136	rBV	99759	85633	5.01%	0.340%
8	8.833	1142	1147	1151	rBV	69725	67757	3.96%	0.269%
9	9.092	1188	1191	1195	rBV	1705039	1577555	92.24%	6.258%
10	9.210	1207	1211	1216	rBV2	25014	41831	2.45%	0.166%
11	9.363	1233	1237	1241	rBV2	35745	47558	2.78%	0.189%
12	9.433	1246	1249	1252	rBV	62133	64214	3.75%	0.255%
13	9.551	1267	1269	1277	rVB	31982	42469	2.48%	0.168%
14	9.639	1280	1284	1287	rBV	238207	222401	13.00%	0.882%
15	9.774	1299	1307	1310	rBV	813625	681159	39.83%	2.702%
16	9.810	1310	1313	1320	rVV	78967	94415	5.52%	0.375%
17	9.980	1336	1342	1346	rVV2	47702	65731	3.84%	0.261%
18	10.092	1357	1361	1364	rBV2	39352	39508	2.31%	0.157%
19	10.327	1398	1401	1407	rVB	100406	104564	6.11%	0.415%
20	10.486	1422	1428	1431	rVB4	27092	37894	2.22%	0.150%
21	10.569	1439	1442	1454	rVB	920281	886712	51.85%	3.518%
22	10.692	1458	1463	1465	rBV4	35578	50274	2.94%	0.199%
23	10.880	1491	1495	1498	rBV4	38375	50318	2.94%	0.200%
24	11.027	1518	1520	1526	rVV5	27075	39390	2.30%	0.156%
25	11.086	1526	1530	1534	rVV	45112	57803	3.38%	0.229%
26	11.133	1534	1538	1540	rVV2	55262	59541	3.48%	0.236%
27	11.169	1540	1544	1547	rVB	79108	81928	4.79%	0.325%
28	11.268	1558	1561	1563	rBV	669596	568257	33.23%	2.254%
29	11.292	1563	1565	1569	rVV	765648	650451	38.03%	2.580%
30	11.351	1572	1575	1578	rBV	175631	162169	9.48%	0.643%
31	11.516	1598	1603	1606	rBV2	60024	81051	4.74%	0.322%
32	11.563	1608	1611	1614	rVV2	63792	57173	3.34%	0.227%
33	11.604	1615	1618	1623	rVB	67746	66239	3.87%	0.263%
34	11.686	1629	1632	1636	rVB2	42566	52920	3.09%	0.210%
35	11.739	1636	1641	1644	rBV6	22088	39484	2.31%	0.157%
36	11.774	1644	1647	1650	rVV	189941	186495	10.90%	0.740%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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37	11.804	1650	1652	1657	rVV	333109	313142	18.31%	1.242%
38	11.851	1658	1660	1663	rVV	73096	76056	4.45%	0.302%
39	11.886	1663	1666	1669	rVV	275144	291309	17.03%	1.156%
40	11.910	1669	1670	1674	rVB	128935	88964	5.20%	0.353%
41	12.074	1694	1698	1702	rBV2	88548	99133	5.80%	0.393%
42	12.115	1702	1705	1708	rVB2	52683	58364	3.41%	0.232%
43	12.257	1726	1729	1731	rVV	49975	46368	2.71%	0.184%
44	12.280	1731	1733	1736	rVB2	46270	37388	2.19%	0.148%
45	12.327	1738	1741	1744	rBV	162066	155027	9.06%	0.615%
46	12.368	1744	1748	1750	rVV2	79911	102083	5.97%	0.405%
47	12.427	1754	1758	1761	rVV2	93938	111132	6.50%	0.441%
48	12.492	1766	1769	1773	rBV	1019454	942380	55.10%	3.738%
49	12.539	1773	1777	1779	rVV	44304	52343	3.06%	0.208%
50	12.592	1783	1786	1790	rVV	143945	126831	7.42%	0.503%
51	12.645	1792	1795	1797	rBV2	105369	89706	5.25%	0.356%
52	12.668	1797	1799	1803	rVB2	43969	38910	2.28%	0.154%
53	12.727	1803	1809	1815	rBV	1146675	1202782	70.33%	4.771%
54	12.780	1815	1818	1821	rBV2	70096	71091	4.16%	0.282%
55	12.863	1825	1832	1836	rBV	1130764	1100026	64.32%	4.364%
56	12.892	1836	1837	1842	rVB3	51408	40028	2.34%	0.159%
57	12.945	1842	1846	1851	rBV2	115899	201801	11.80%	0.801%
58	13.033	1858	1861	1862	rBV2	110260	123153	7.20%	0.489%
59	13.057	1862	1865	1870	rVB	223896	227418	13.30%	0.902%
60	13.098	1870	1872	1874	rBV2	46792	42641	2.49%	0.169%
61	13.121	1874	1876	1879	rVV	158967	124403	7.27%	0.494%
62	13.162	1879	1883	1890	rVB2	194907	235748	13.78%	0.935%
63	13.251	1895	1898	1901	rVV	143284	133633	7.81%	0.530%
64	13.286	1901	1904	1907	rVV	141297	129827	7.59%	0.515%
65	13.433	1926	1929	1932	rBV5	38774	48273	2.82%	0.191%
66	13.580	1951	1954	1956	rVB	98312	93362	5.46%	0.370%
67	13.686	1966	1972	1974	rBV2	173897	241540	14.12%	0.958%
68	13.704	1974	1975	1978	rVB	130351	78499	4.59%	0.311%
69	13.733	1978	1980	1982	rBV	99300	86707	5.07%	0.344%
70	13.757	1982	1984	1988	rVV3	55080	66112	3.87%	0.262%
71	13.792	1988	1990	1995	rVB2	111001	120660	7.06%	0.479%
72	13.851	1995	2000	2003	rBV	77467	118925	6.95%	0.472%
73	13.927	2007	2013	2017	rVV2	828217	1300216	76.03%	5.158%
74	13.962	2017	2019	2026	rVB	605449	519770	30.39%	2.062%
75	14.021	2026	2029	2030	rBV2	50374	40671	2.38%	0.161%
76	14.039	2030	2032	2035	rVB	50952	43406	2.54%	0.172%

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77	14.098	2038	2042	2048	rVB5	91574	114052	6.67%	0.452%
78	14.286	2072	2074	2076	rVV	50165	40096	2.34%	0.159%
79	14.327	2076	2081	2084	rVV	190943	240294	14.05%	0.953%
80	14.362	2084	2087	2089	rVV	91062	86644	5.07%	0.344%
81	14.398	2089	2093	2096	rVV3	86254	122878	7.18%	0.487%
82	14.421	2096	2097	2100	rVV2	75586	68306	3.99%	0.271%
83	14.451	2100	2102	2104	rVV2	121866	112171	6.56%	0.445%
84	14.474	2104	2106	2109	rVV	88177	80482	4.71%	0.319%
85	14.521	2111	2114	2117	rVB2	65660	70737	4.14%	0.281%
86	14.827	2163	2166	2167	rBV2	65372	64012	3.74%	0.254%
87	14.980	2188	2192	2195	rBV	514573	735541	43.01%	2.918%
88	15.092	2207	2211	2216	rBV	125193	147860	8.65%	0.587%
89	15.280	2240	2243	2249	rVB	294192	361327	21.13%	1.433%
90	15.345	2251	2254	2261	rBV	399351	521745	30.51%	2.070%
91	15.409	2261	2265	2268	rVV	292720	340930	19.93%	1.352%
92	15.439	2268	2270	2277	rVB2	98584	146560	8.57%	0.581%
93	15.768	2323	2326	2333	rVB2	30446	40532	2.37%	0.161%
94	15.845	2335	2339	2345	rVB4	59984	102011	5.96%	0.405%
95	15.974	2358	2361	2366	rVB2	48740	71081	4.16%	0.282%
96	16.639	2472	2474	2481	rVB7	22669	40381	2.36%	0.160%
97	16.903	2513	2519	2529	rBV	147109	328666	19.22%	1.304%
98	17.086	2545	2550	2555	rBV2	30601	67345	3.94%	0.267%
99	17.150	2556	2561	2567	rVB4	53102	116734	6.83%	0.463%
100	17.356	2591	2596	2609	rVB	100388	223823	13.09%	0.888%

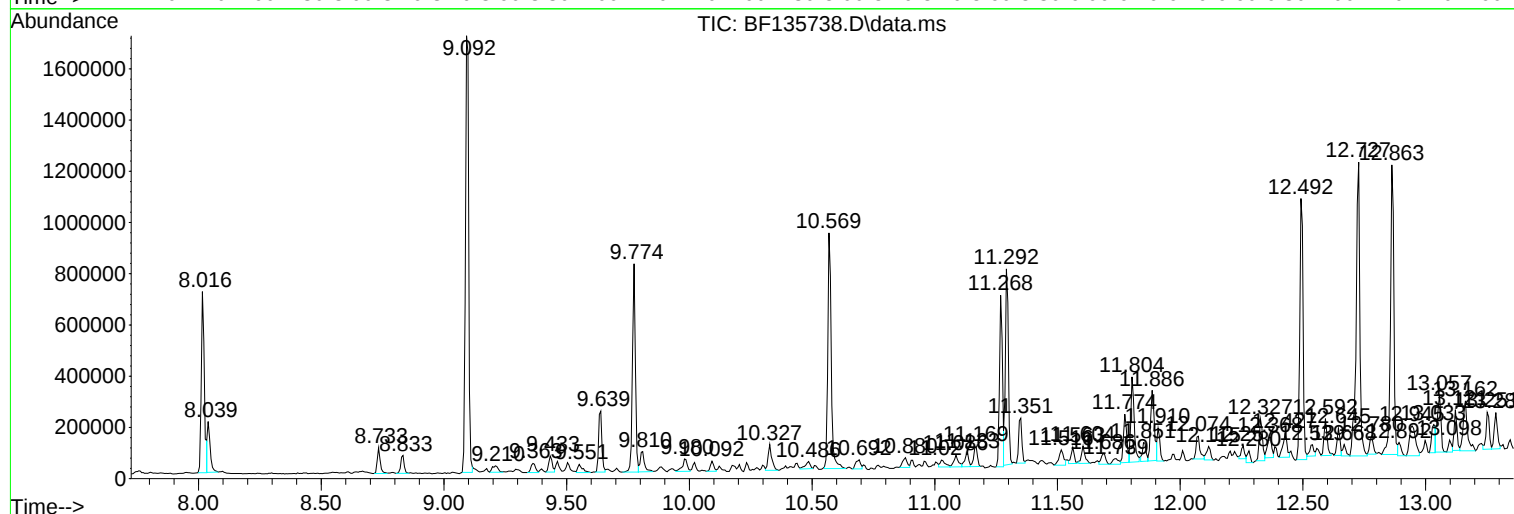
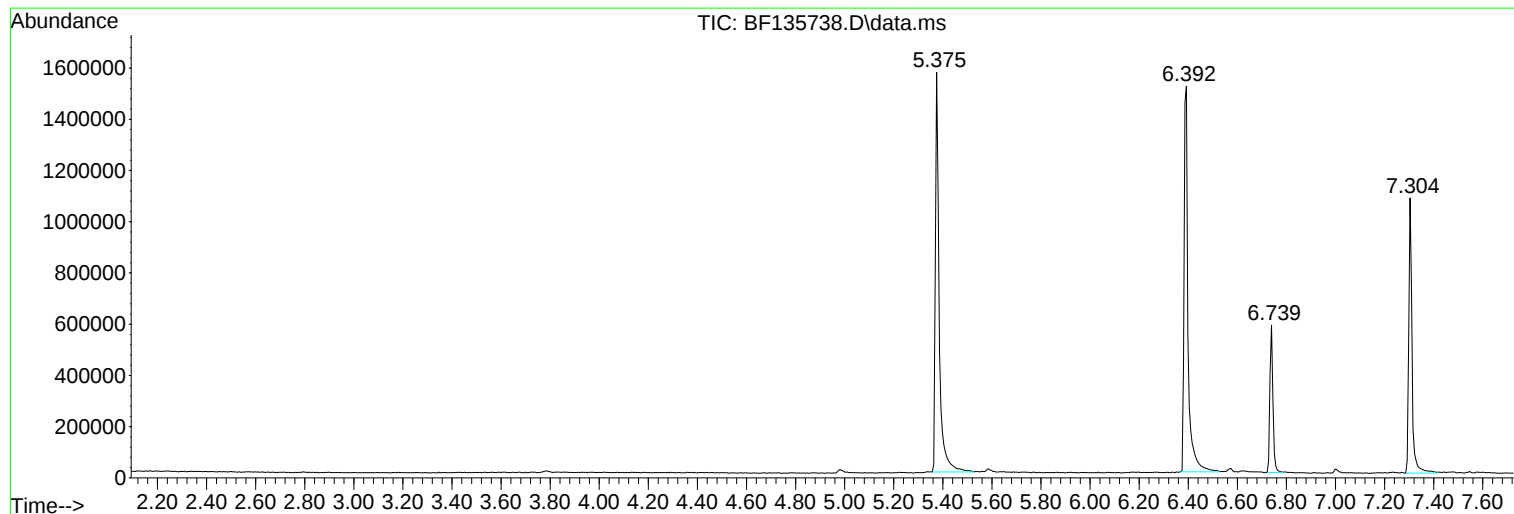
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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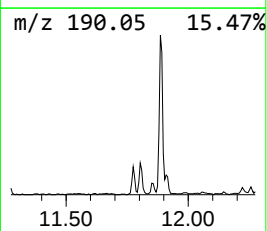
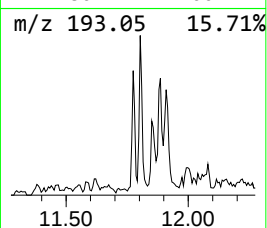
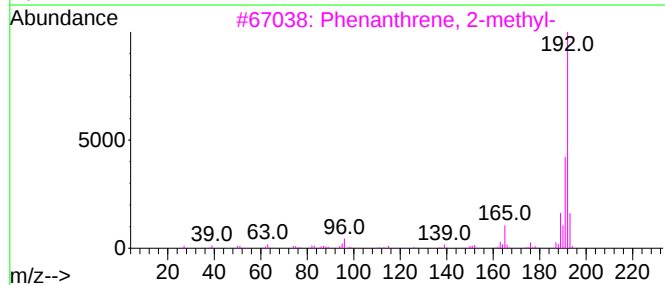
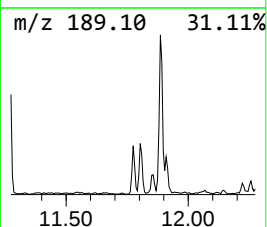
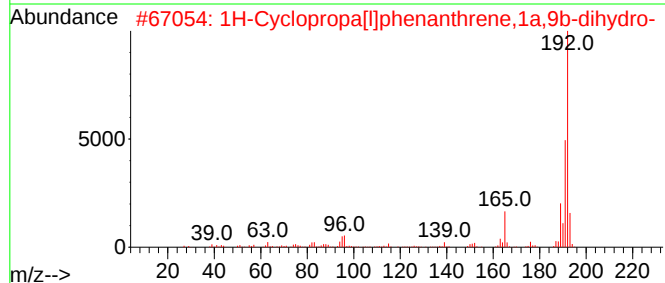
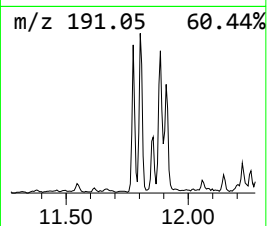
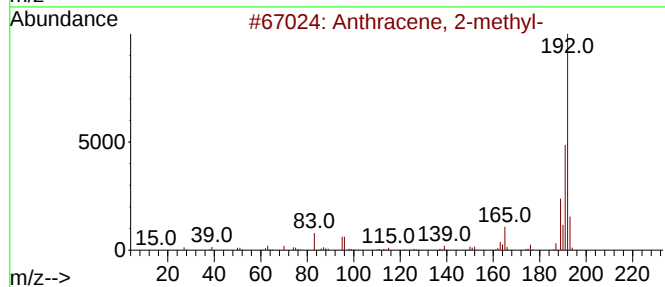
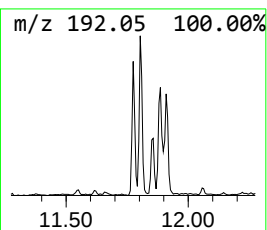
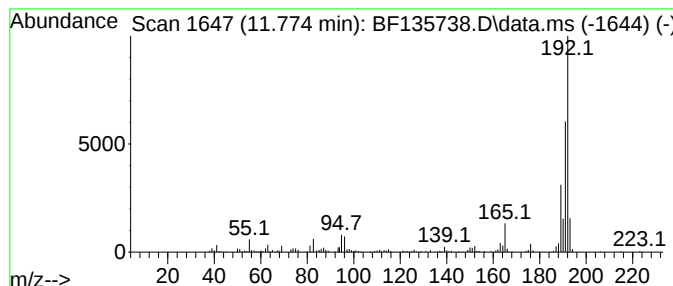
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	6.56 ng	186495	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



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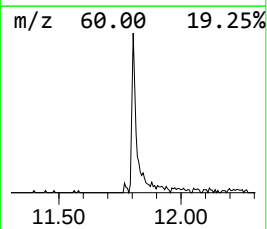
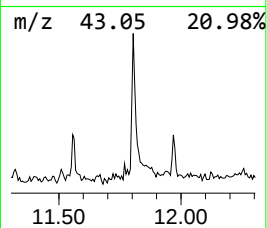
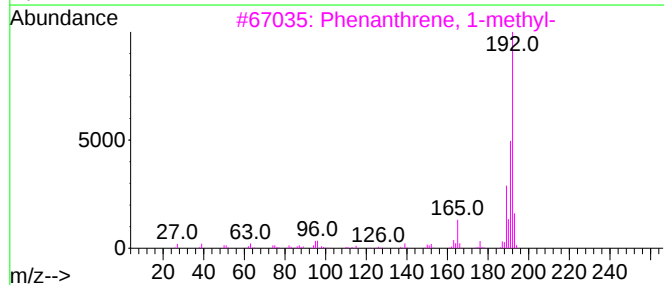
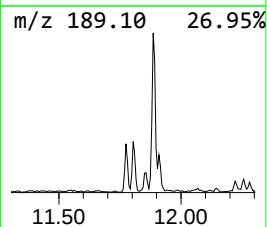
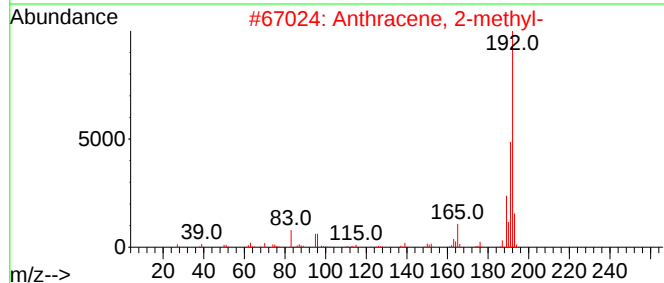
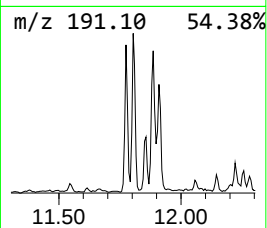
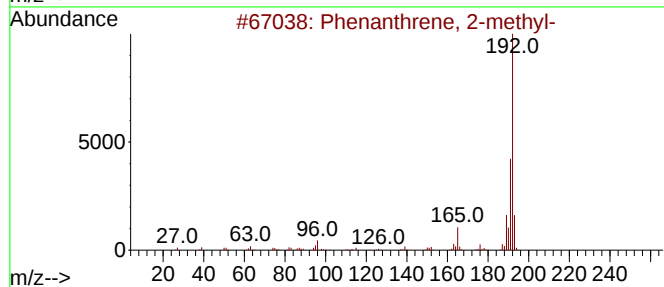
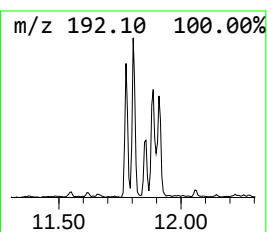
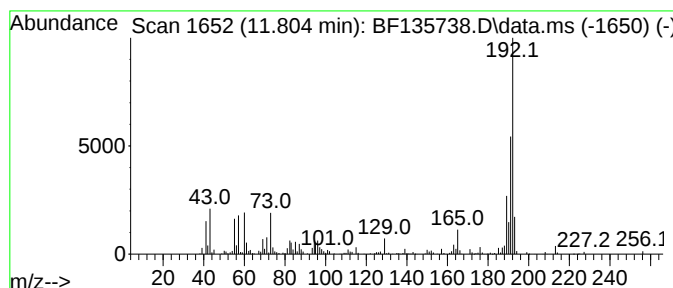
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	11.02 ng	313142	Phenanthrene-d10	11.269

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			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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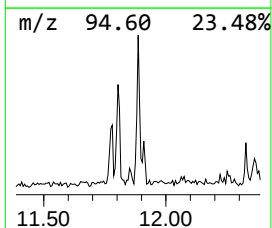
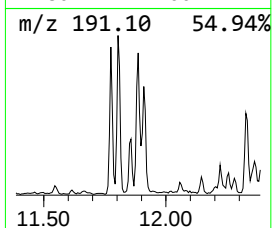
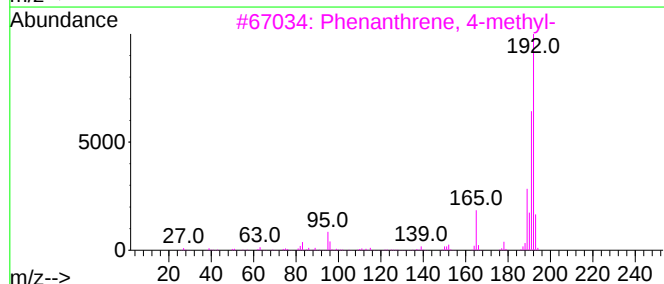
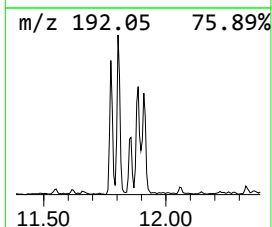
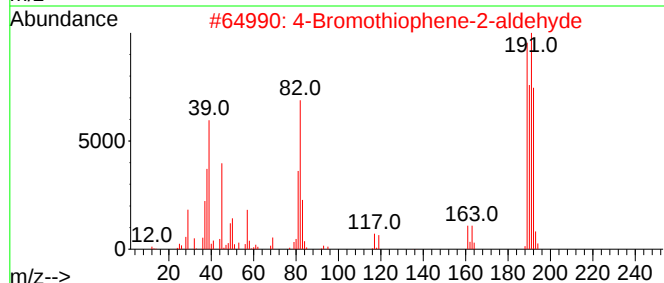
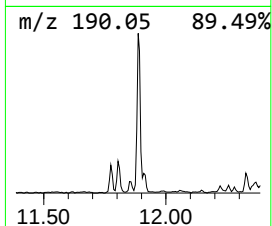
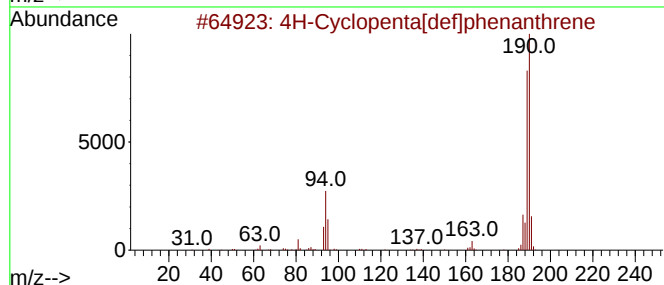
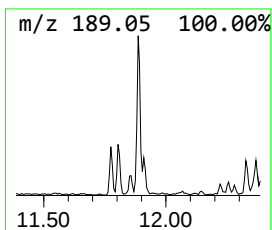
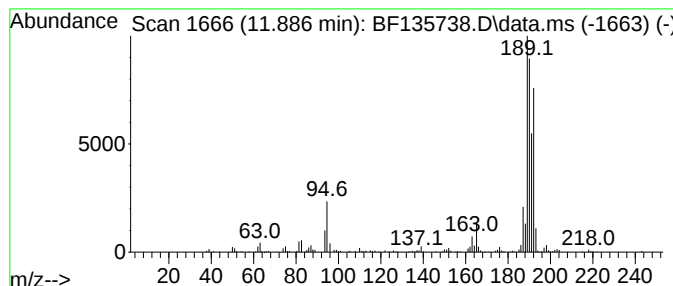
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.886	10.25 ng	291309	Phenanthrene-d10			11.269
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	90
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	58
3	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	42
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	38
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-2(0-2IN)

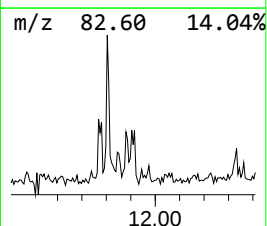
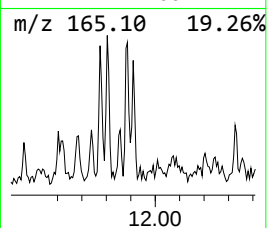
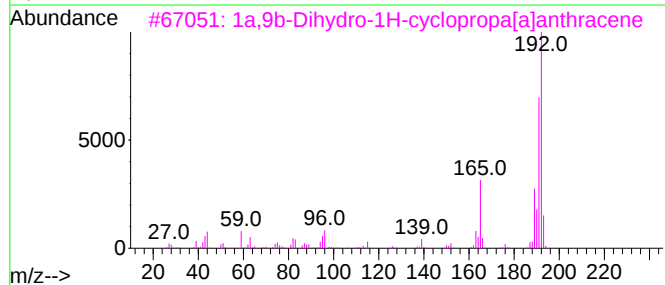
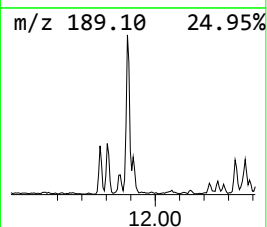
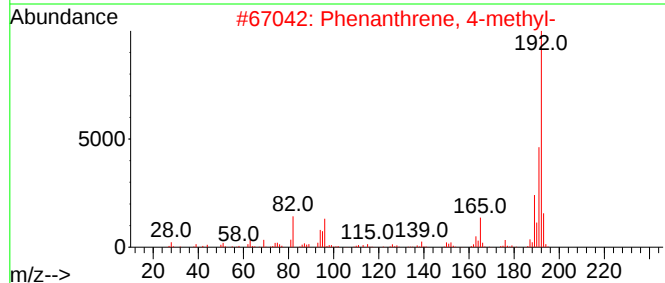
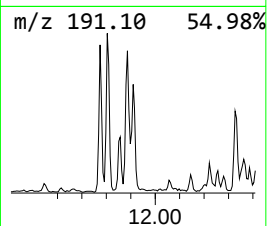
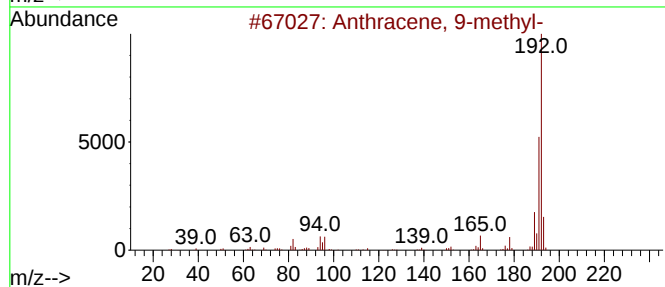
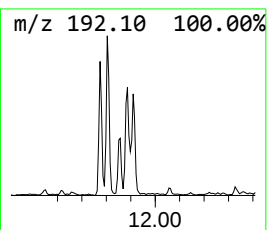
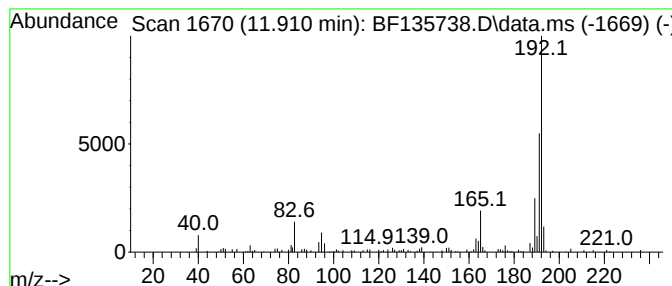
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.13 ng	88964	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	81
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
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ClientSampleId :
W-2(0-2IN)

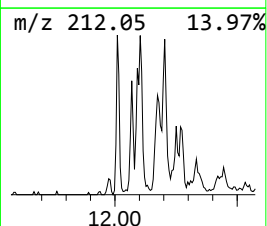
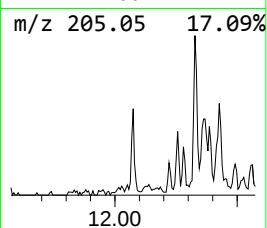
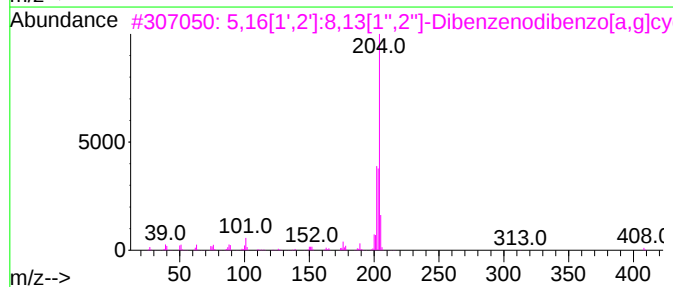
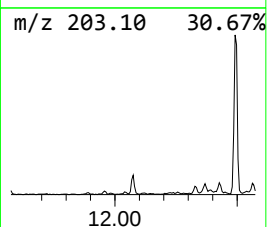
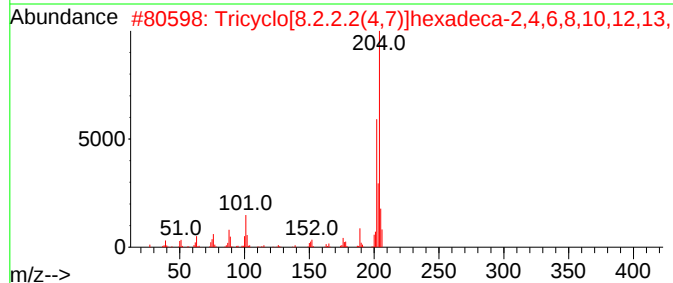
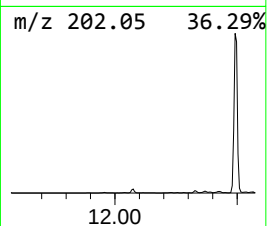
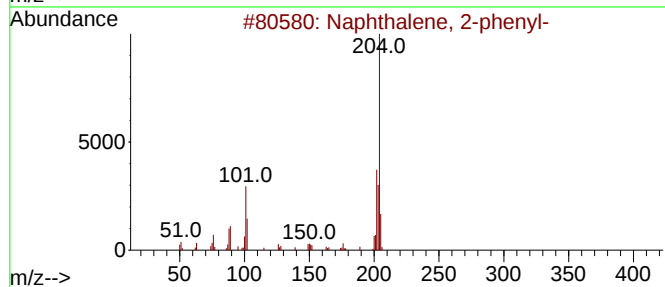
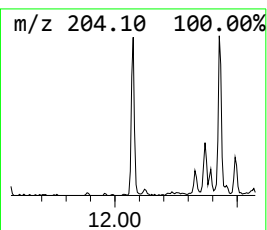
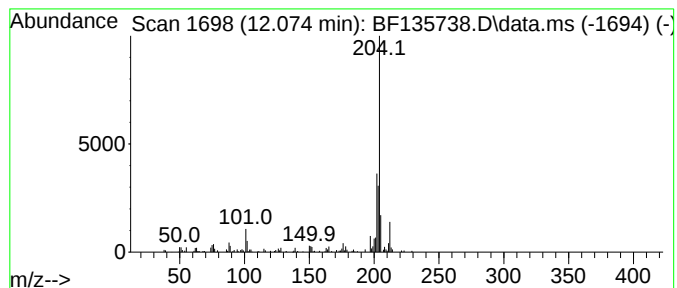
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	3.49 ng	99133	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
4			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
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ClientSampleId :
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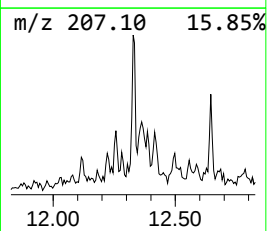
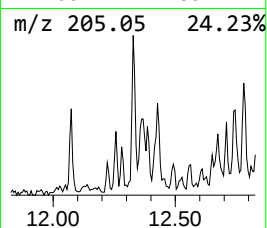
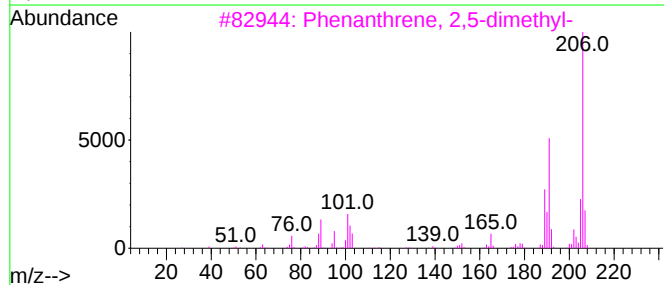
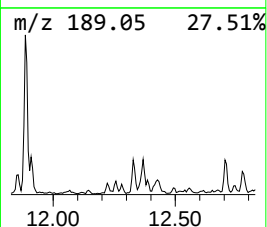
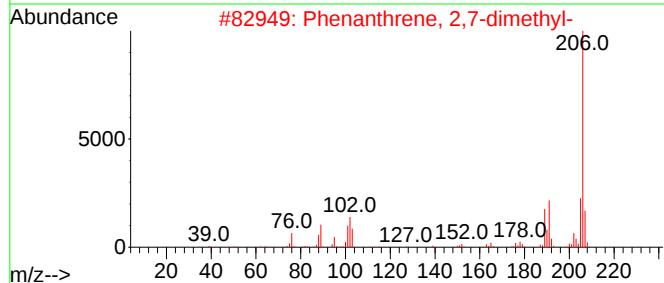
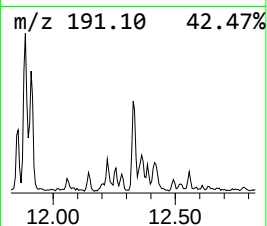
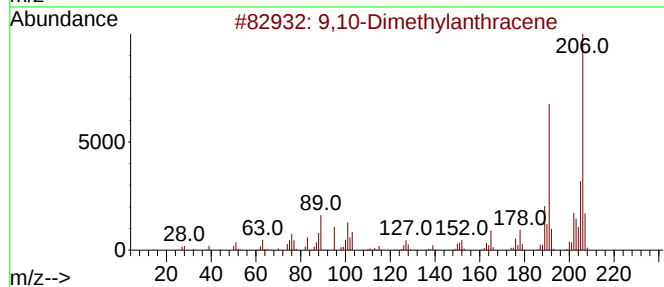
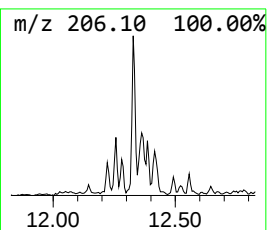
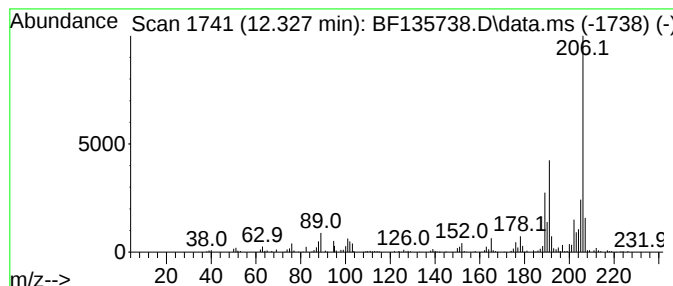
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	5.46 ng	155027	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
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Sample : 04657-09
Misc :
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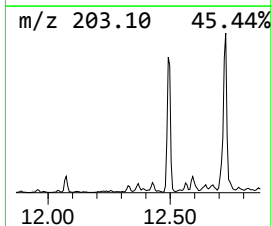
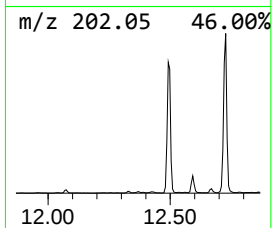
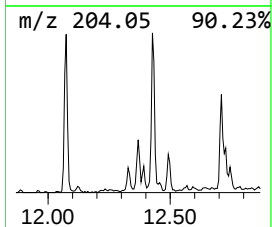
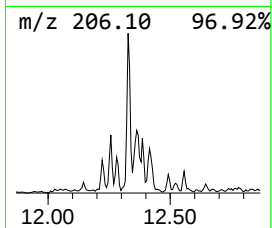
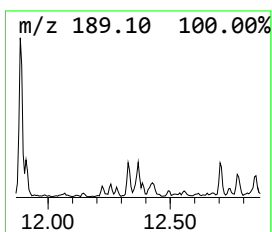
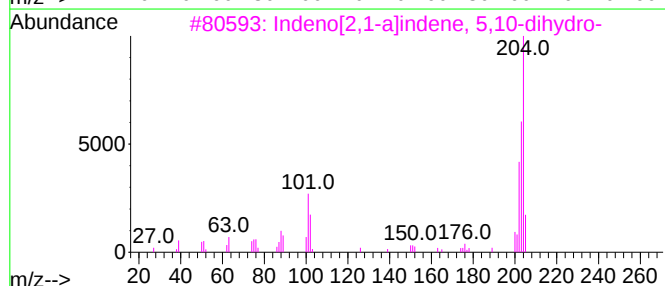
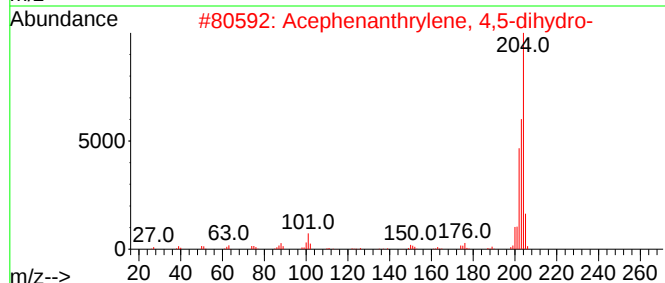
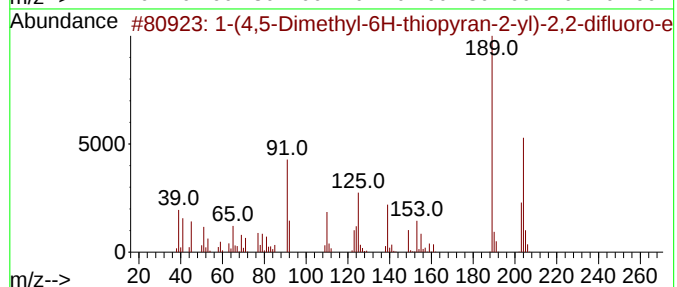
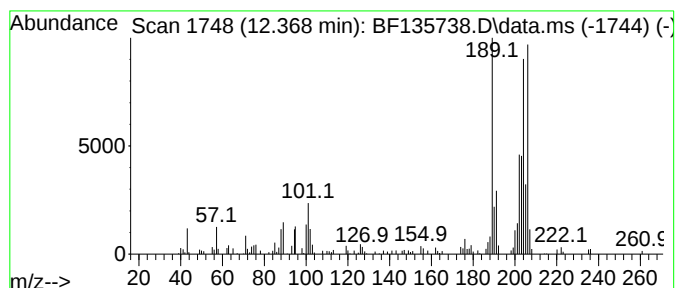
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ClientSampleId :
W-2(0-2IN)

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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 unknown12.368 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.368	3.59 ng	102083	Phenanthrene-d10	11.269		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	46
2		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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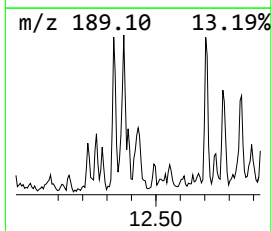
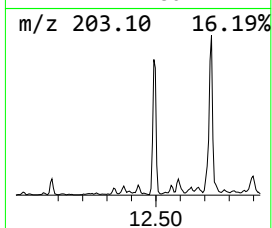
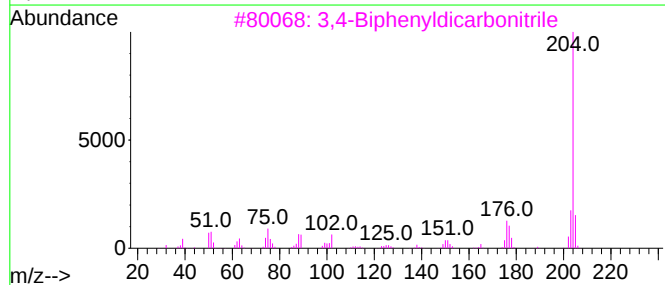
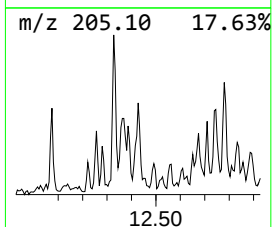
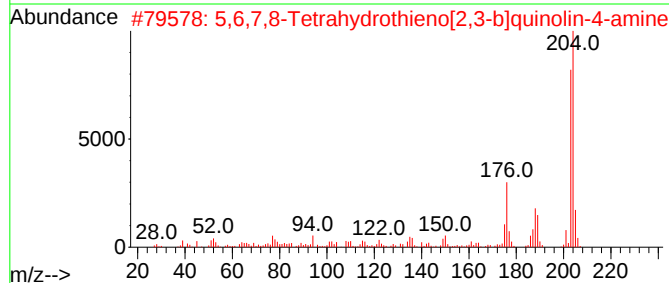
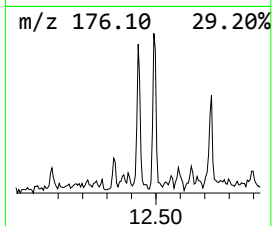
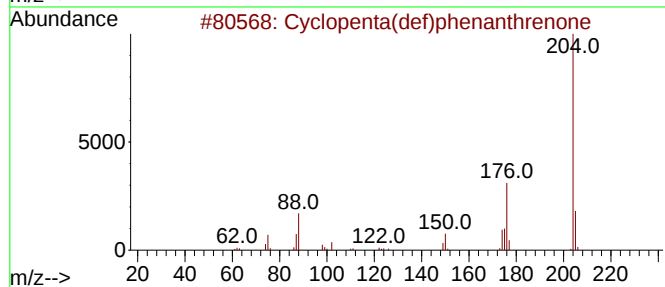
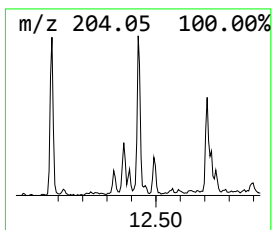
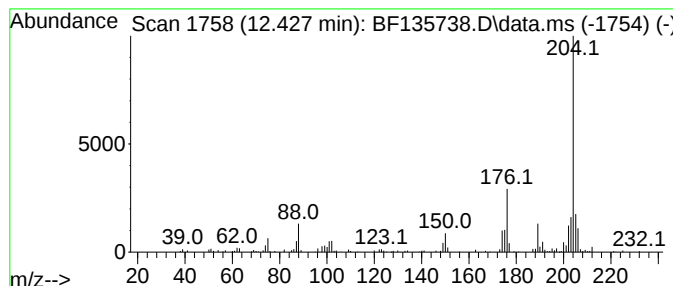
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.427	3.91 ng	111132	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrene		204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	64
3	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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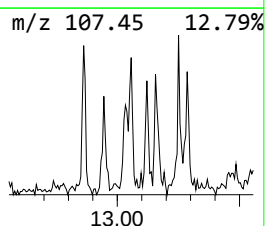
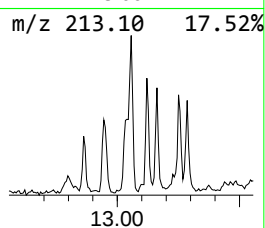
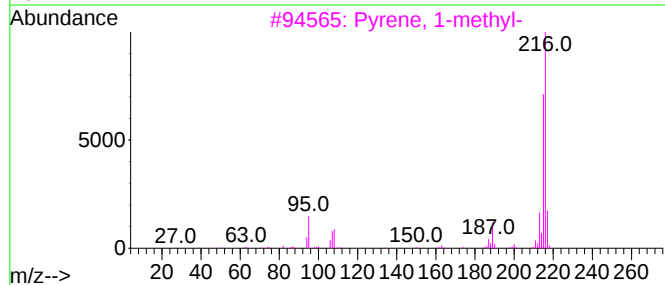
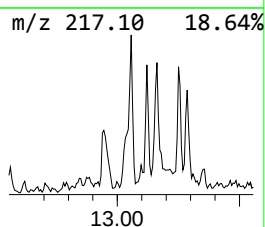
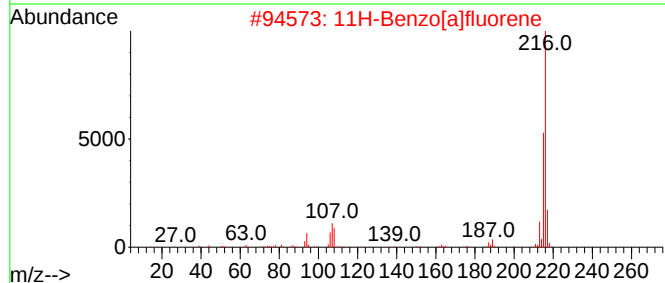
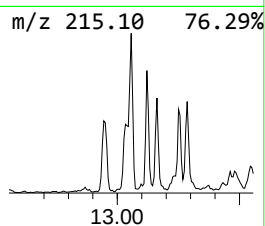
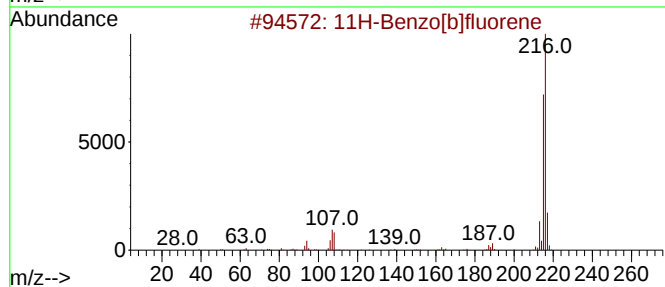
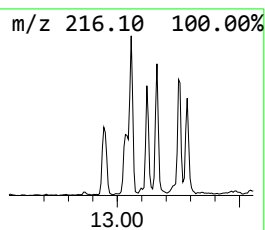
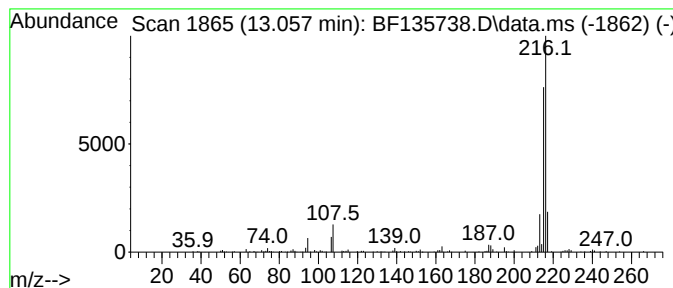
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.50 ng	227418	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
W-2(0-2IN)

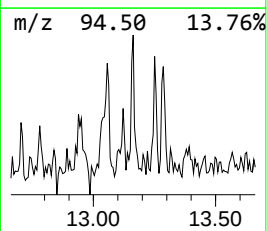
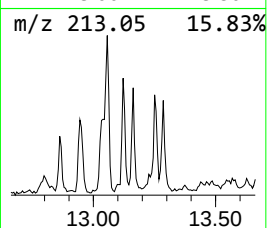
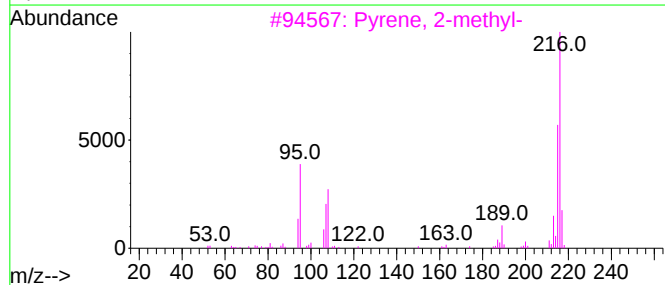
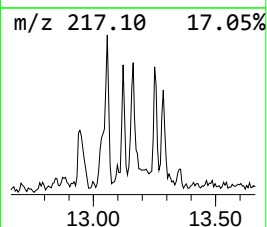
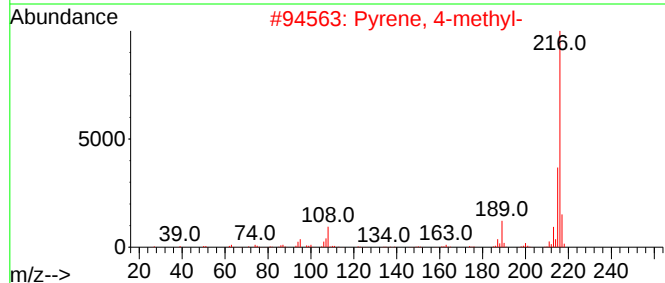
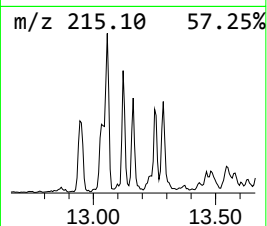
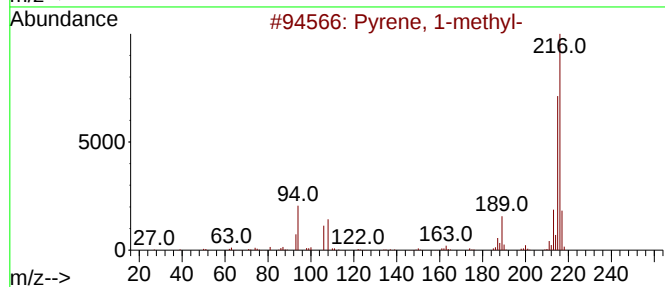
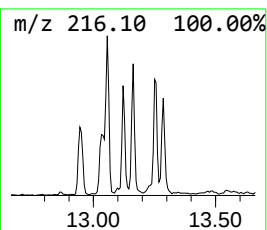
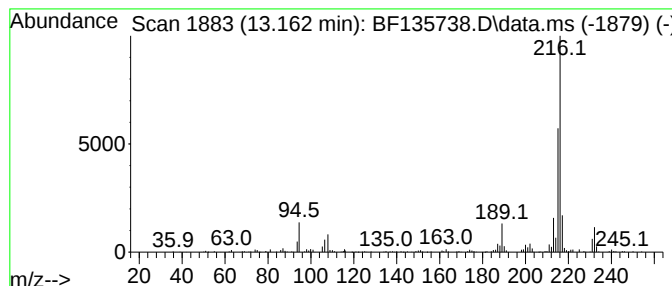
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.63 ng	235748	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-2(0-2IN)

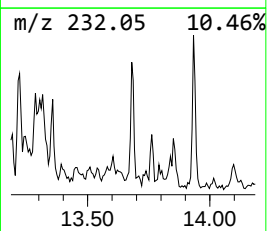
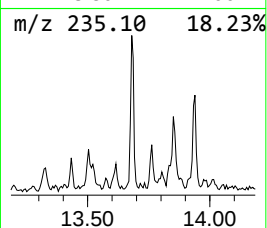
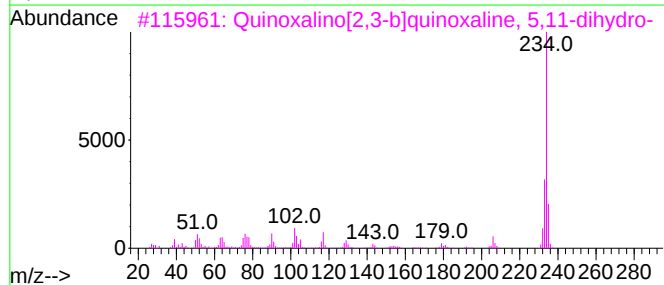
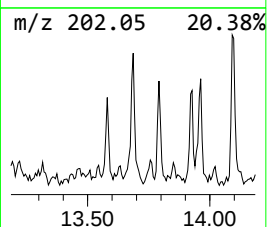
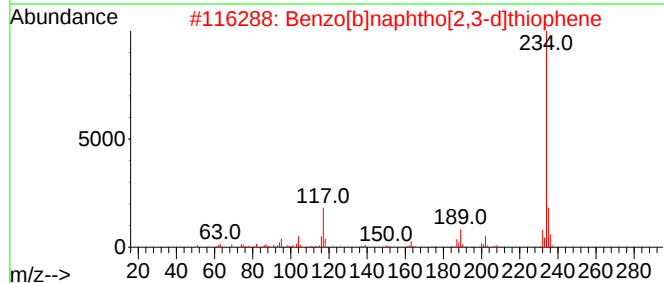
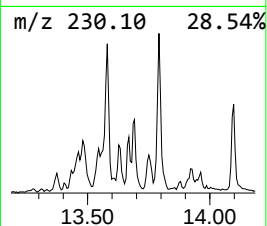
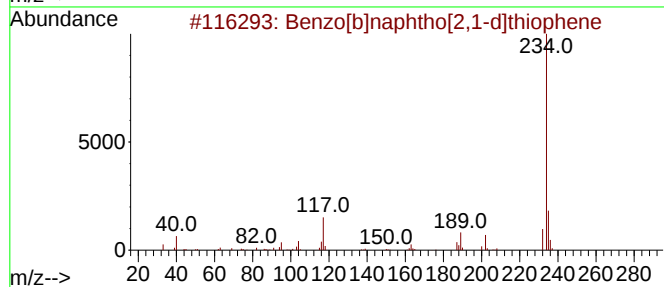
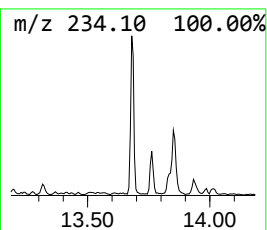
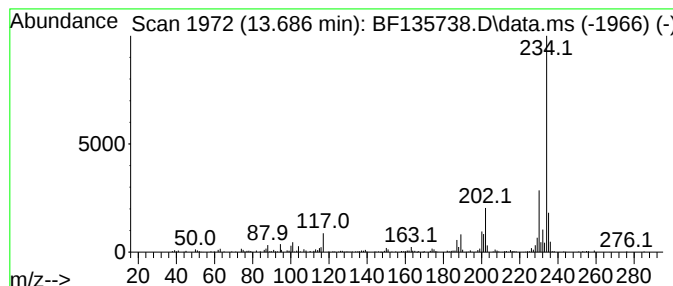
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	3.72 ng	241540	Chrysene-d12	13.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
3			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	47
4			Benzene, 1,1'-(2-cyclohexen-1-yl...	234	C18H18	031158-25-5	38
5			4-Pyridinamine, N-(1-naphthaleny...	234	C16H14N2	1000317-32-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
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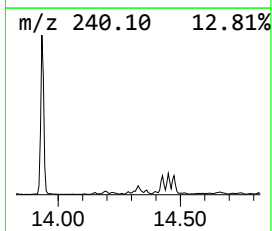
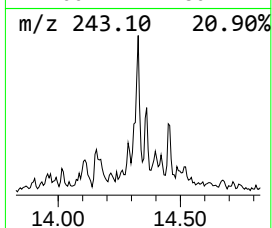
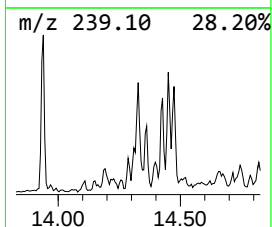
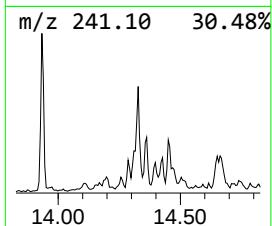
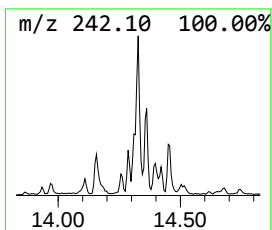
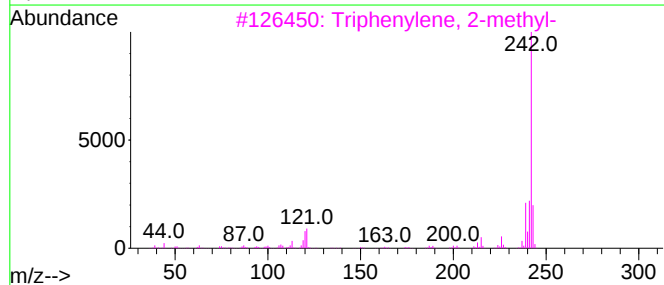
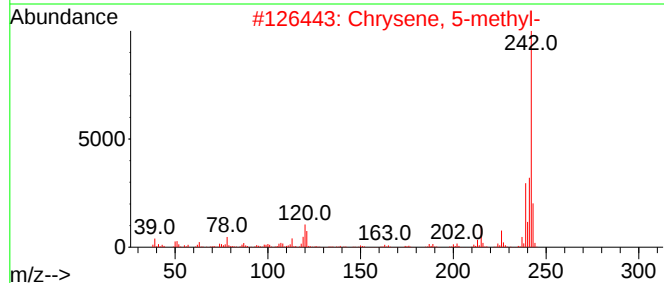
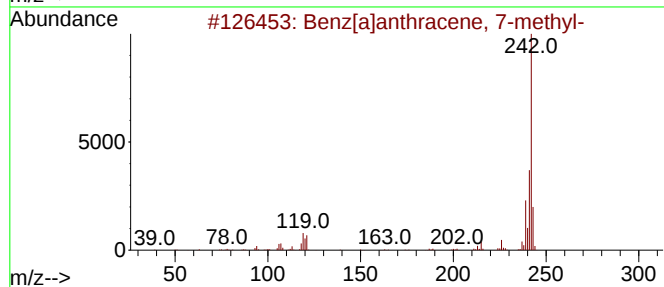
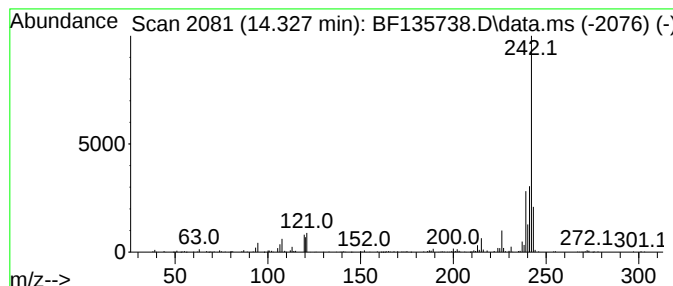
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.327	3.70 ng	240294	Chrysene-d12	13.933	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	91
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
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Misc :
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ClientSampleId :
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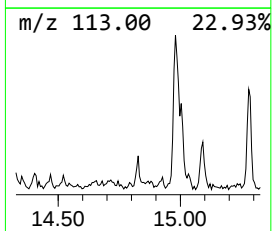
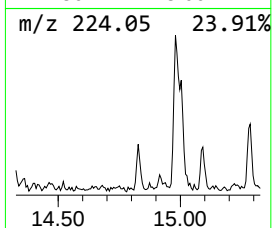
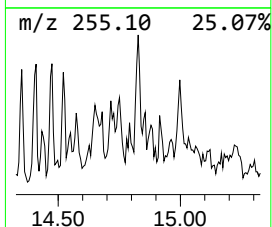
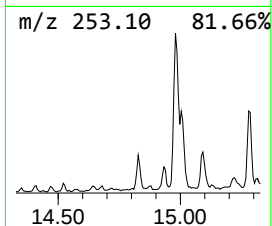
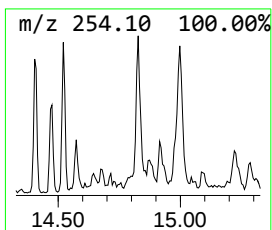
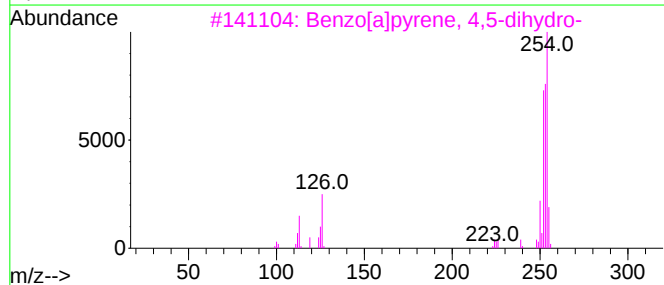
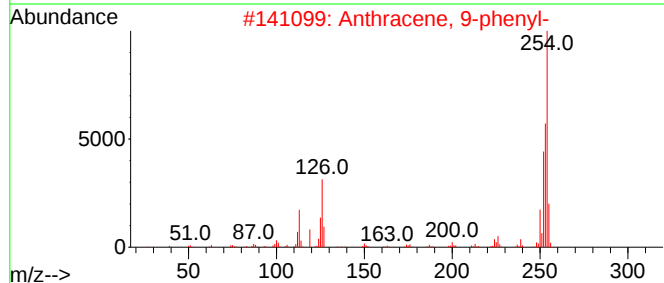
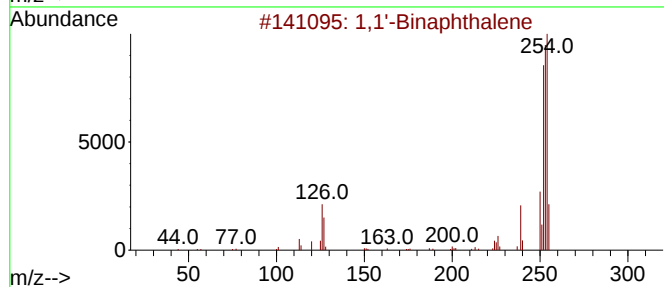
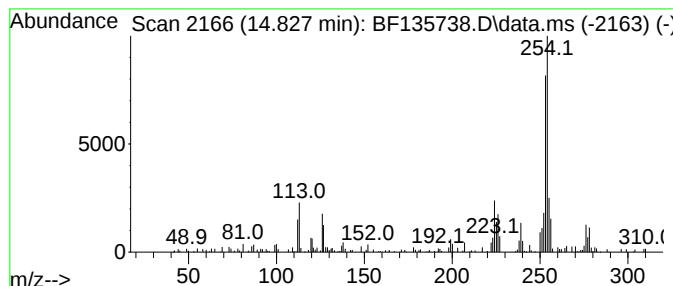
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,1'-Binaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	3.76 ng	64012	Perylene-d12	15.409

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Binaphthalene	254	C20H14	000604-53-5	89
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	72
3		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
4		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
5		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

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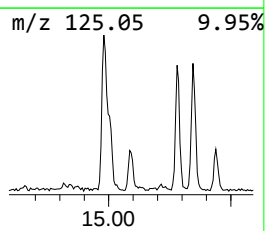
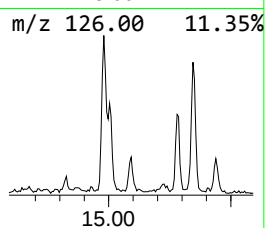
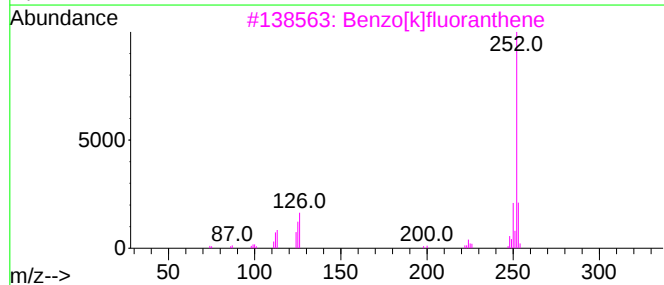
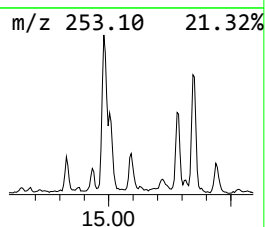
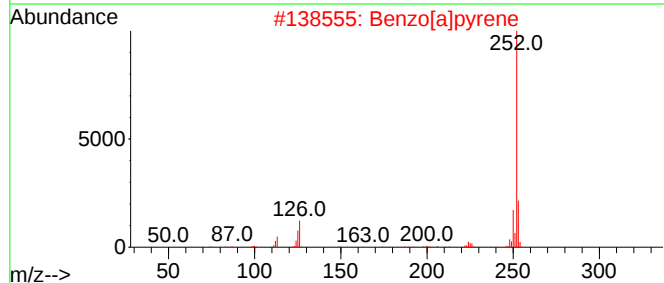
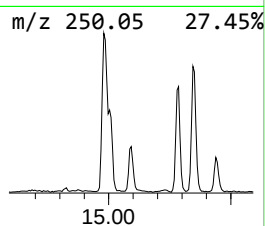
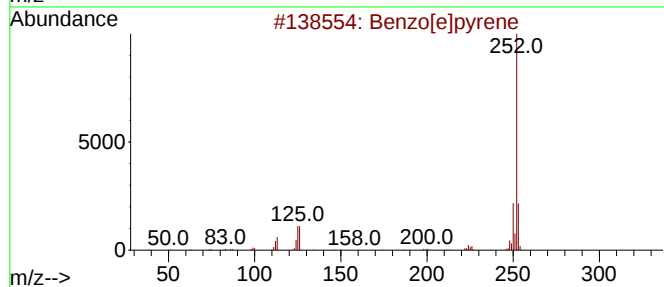
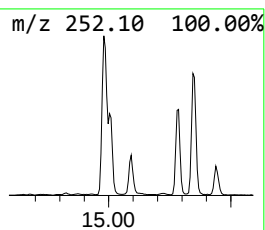
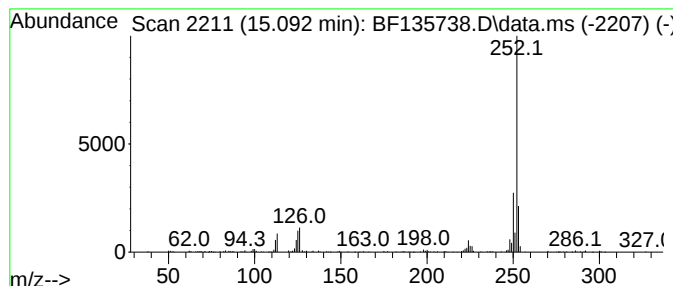
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	8.67 ng	147860	Perylene-d12	15.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-2(0-2IN)

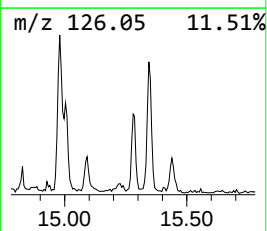
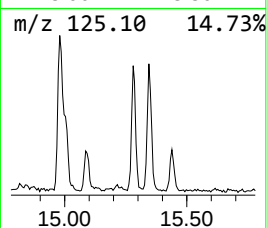
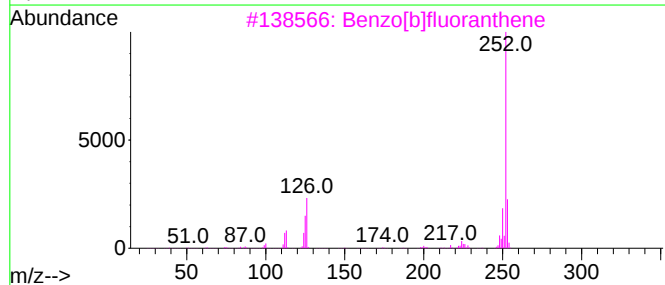
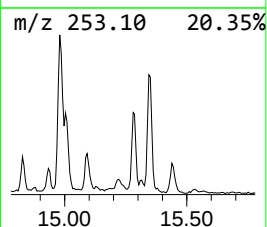
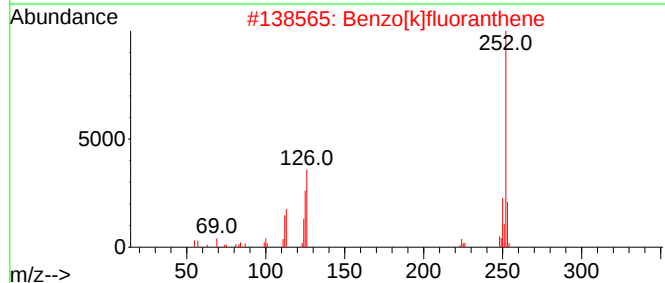
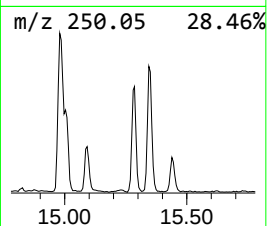
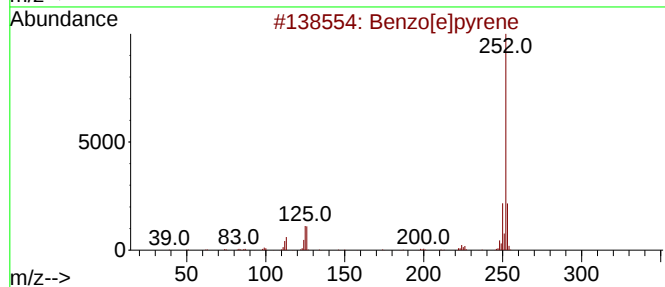
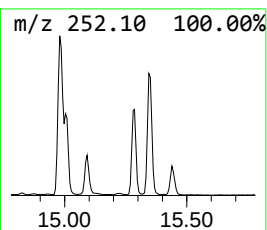
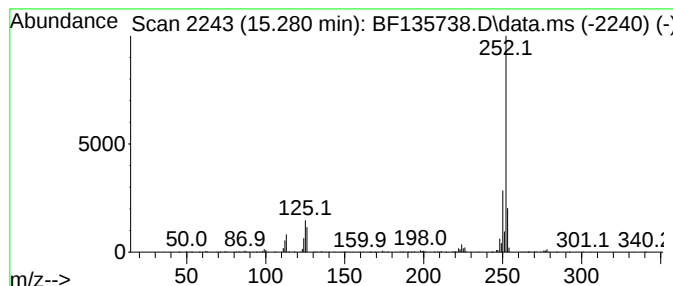
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	21.20 ng	361327	Perylene-d12	15.409

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	95
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5		Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-2(0-2IN)

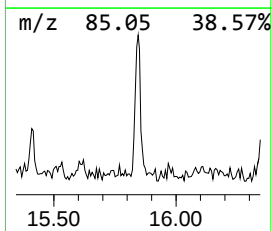
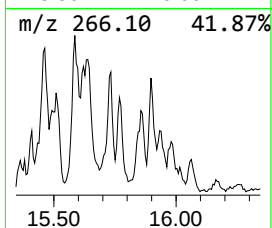
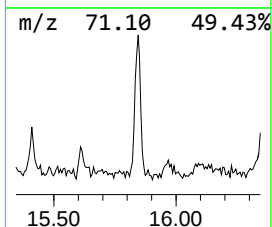
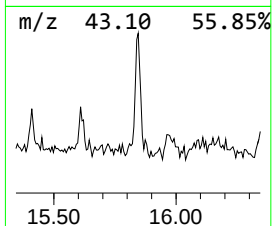
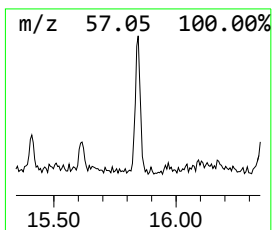
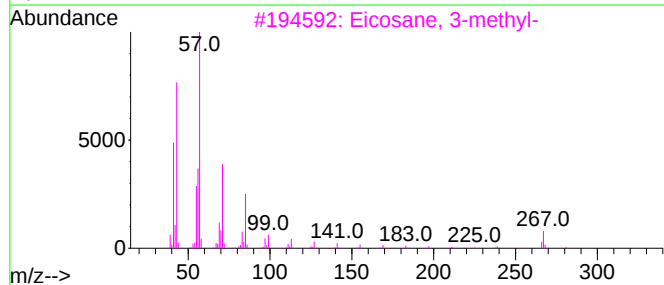
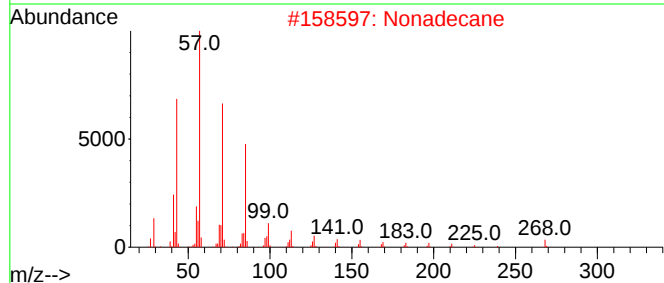
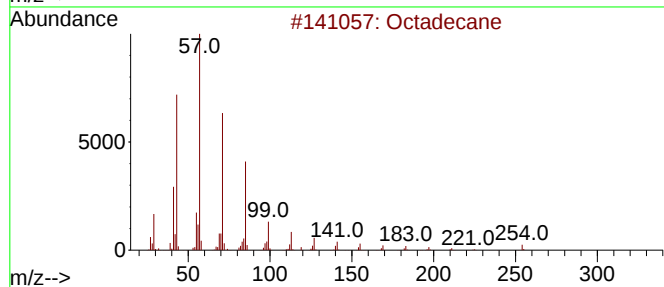
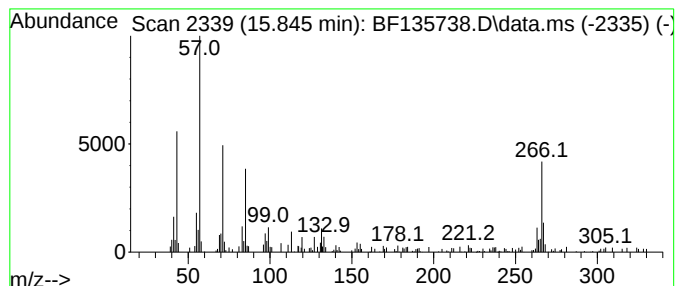
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	5.98 ng	102011	Perylene-d12	15.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Nonadecane	268	C19H40	000629-92-5	83
3			Eicosane, 3-methyl-	296	C21H44	006418-46-8	55
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	46
5			3,3-Diethylheptadecane	296	C21H44	1000360-41-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-2(0-2IN)

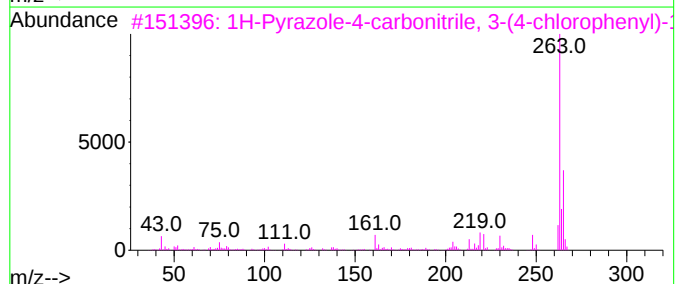
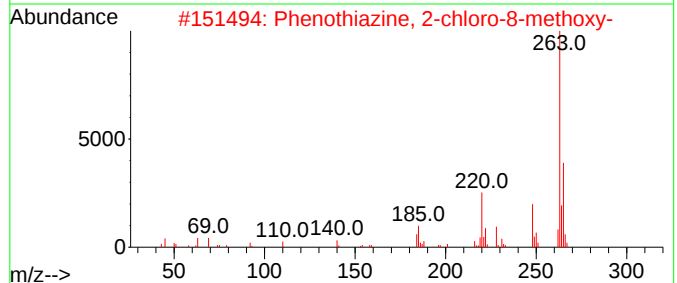
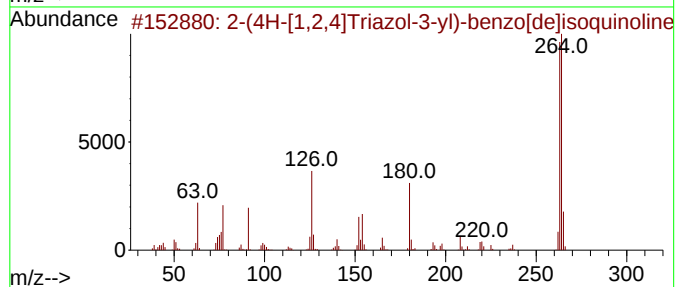
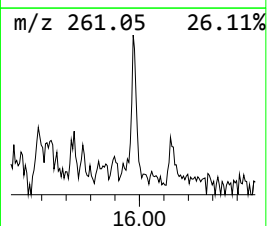
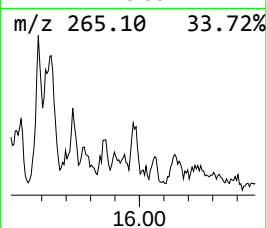
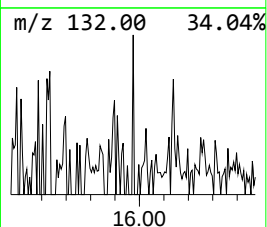
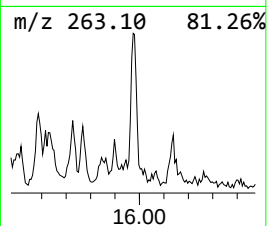
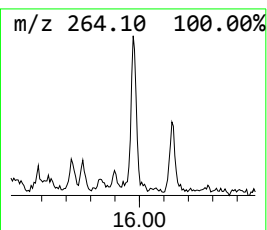
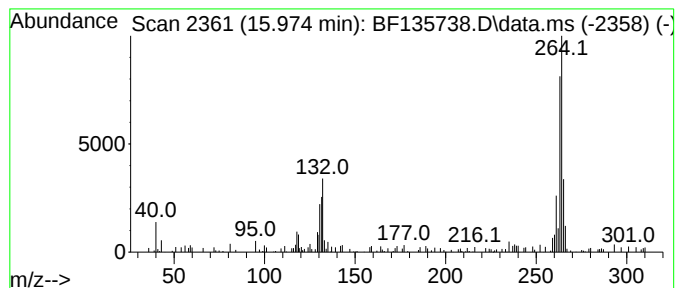
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-(4H-[1,2,4]Triazol-3-yl)-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	4.17 ng	71081	Perylene-d12	15.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50		
2	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	27		
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	27		
4	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	25		
5	3-Hydroxycinnamic acid, ethyl es...	264	C14H20O3Si	1000071-70-0	22		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-2(0-2IN)

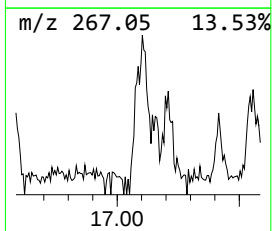
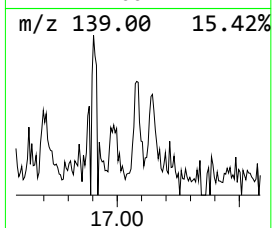
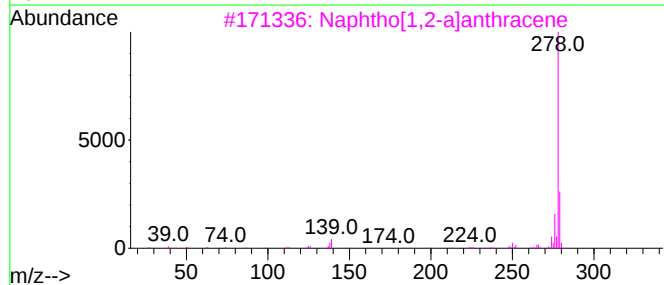
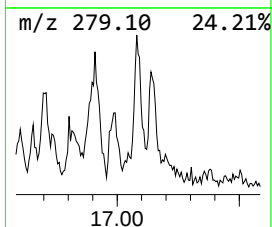
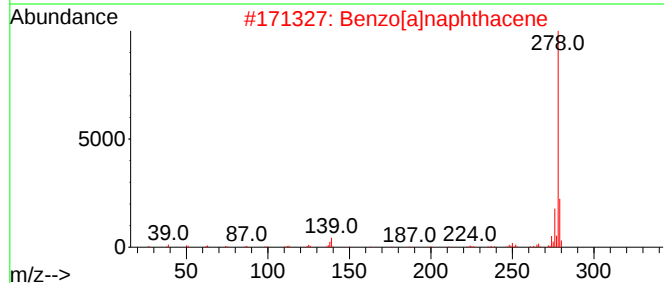
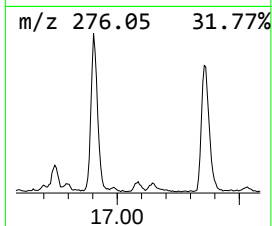
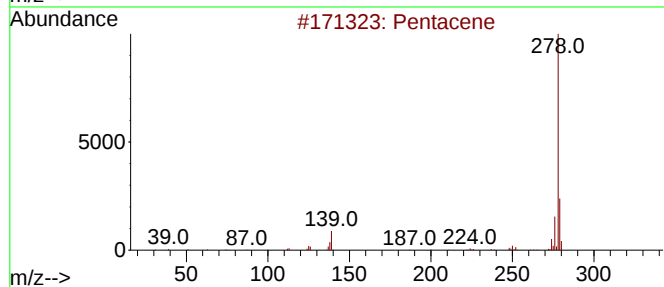
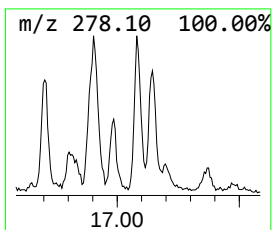
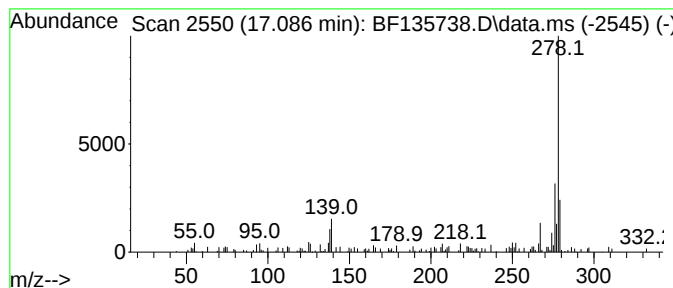
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentacene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	3.95 ng	67345	Perylene-d12	15.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacene	278	C22H14	000135-48-8	93
2			Benzo[a]naphthacene	278	C22H14	000226-88-0	89
3			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89
4			Picene	278	C22H14	000213-46-7	89
5			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135738.D
Acq On : 12 Oct 2023 16:59
Operator : CG\JU
Sample : 04657-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-2(0-2IN)

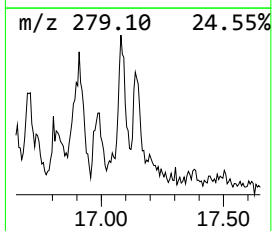
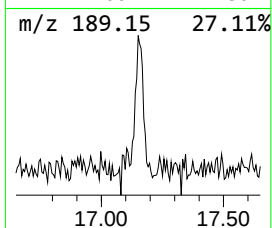
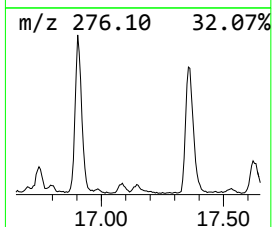
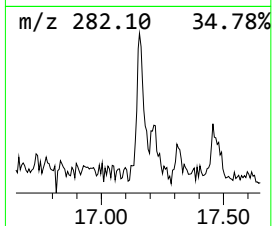
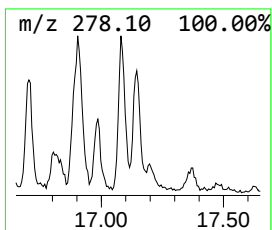
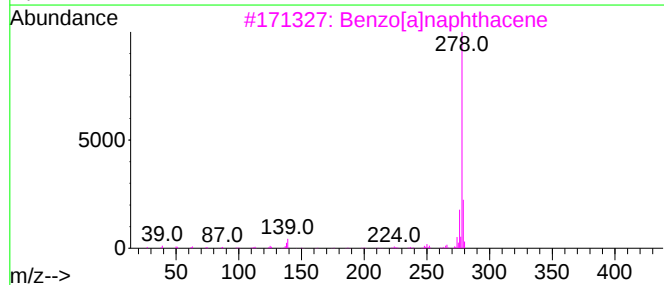
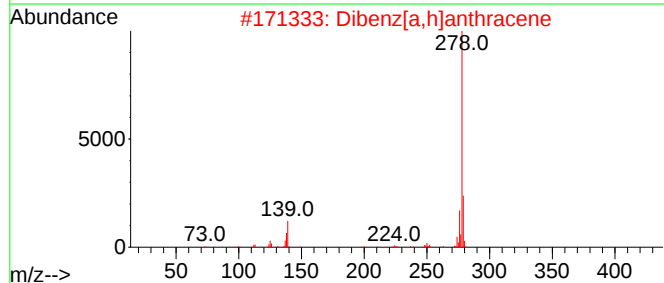
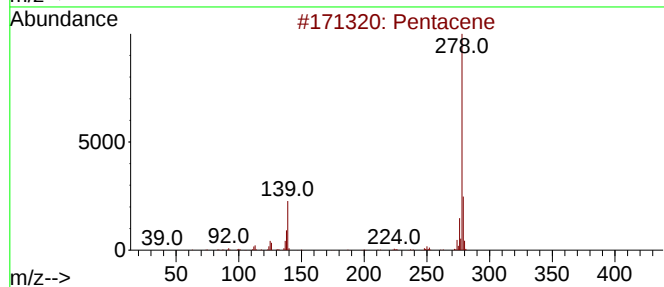
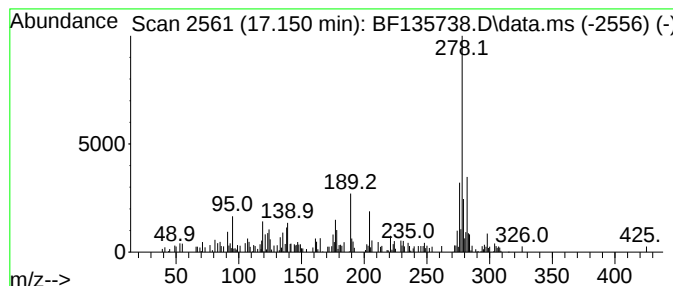
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.150	6.85 ng	116734	Perylene-d12	15.409

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentacene	278	C22H14	000135-48-8	78
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	60
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	55
4		Picene	278	C22H14	000213-46-7	55
5		Pentaphene	278	C22H14	000222-93-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135738.D
 Acq On : 12 Oct 2023 16:59
 Operator : CG\JU
 Sample : 04657-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Anthracene, 2-m...	11.774	6.6	ng	186495	4	11.269	568257	20.0
Phenanthrene, 2...	11.804	11.0	ng	313142	4	11.269	568257	20.0
4H-Cyclopenta[d...	11.886	10.3	ng	291309	4	11.269	568257	20.0
Anthracene, 9-m...	11.910	3.1	ng	88964	4	11.269	568257	20.0
Naphthalene, 2-...	12.074	3.5	ng	99133	4	11.269	568257	20.0
9,10-Dimethylan...	12.327	5.5	ng	155027	4	11.269	568257	20.0
unknown12.368	12.368	3.6	ng	102083	4	11.269	568257	20.0
Cyclopenta(def)...	12.427	3.9	ng	111132	4	11.269	568257	20.0
11H-Benzo[b]flu...	13.057	3.5	ng	227418	5	13.933	1300220	20.0
Pyrene, 1-methyl-	13.163	3.6	ng	235748	5	13.933	1300220	20.0
Benzo[b]naphtho...	13.686	3.7	ng	241540	5	13.933	1300220	20.0
Benz[a]anthrace...	14.327	3.7	ng	240294	5	13.933	1300220	20.0
1,1'-Binaphthalene	14.827	3.8	ng	64012	6	15.409	340930	20.0
Benzo[e]pyrene	15.092	8.7	ng	147860	6	15.409	340930	20.0
Benzo[j]fluoran...	15.280	21.2	ng	361327	6	15.409	340930	20.0
Octadecane	15.845	6.0	ng	102011	6	15.409	340930	20.0
2-(4H-[1,2,4]Tr...	15.974	4.2	ng	71081	6	15.409	340930	20.0
Pentacene	17.086	4.0	ng	67345	6	15.409	340930	20.0
Picene	17.150	6.8	ng	116734	6	15.409	340930	20.0