

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137055.D
 Acq On : 12 Jan 2024 18:25
 Operator : CG\JU
 Sample : P1123-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEDIAN-EAST-SIDE-HOWARD-BLVD

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-BF122023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	493	497	508	rBV	32010	38494	4.18%	0.265%
2	5.428	564	568	585	rBV	509939	520114	56.51%	3.578%
3	6.434	735	739	757	rBV	516088	536073	58.24%	3.688%
4	6.781	795	798	802	rBV	441371	352762	38.33%	2.427%
5	7.345	890	894	901	rBV	407116	341751	37.13%	2.351%
6	8.057	1012	1015	1018	rBV	522713	451623	49.07%	3.107%
7	8.081	1018	1019	1024	rVB	76737	43342	4.71%	0.298%
8	8.775	1134	1137	1140	rBV	68790	55864	6.07%	0.384%
9	8.869	1149	1153	1157	rBV	59308	53268	5.79%	0.366%
10	9.134	1195	1198	1201	rBV	842301	623095	67.70%	4.286%
11	9.404	1238	1244	1247	rBV	24977	34866	3.79%	0.240%
12	9.475	1253	1256	1258	rBV	54081	50816	5.52%	0.350%
13	9.498	1258	1260	1265	rVV2	29851	33063	3.59%	0.227%
14	9.592	1271	1276	1281	rVV2	25857	29673	3.22%	0.204%
15	9.675	1288	1290	1295	rBV	117430	104437	11.35%	0.718%
16	9.816	1306	1314	1317	rBV	550818	440770	47.89%	3.032%
17	9.845	1317	1319	1323	rVV2	36766	38014	4.13%	0.261%
18	9.916	1326	1331	1337	rVV6	19749	32819	3.57%	0.226%
19	10.022	1345	1349	1353	rVV	49609	48437	5.26%	0.333%
20	10.057	1353	1355	1359	rVB	26077	23358	2.54%	0.161%
21	10.134	1364	1368	1371	rBV2	31271	33911	3.68%	0.233%
22	10.216	1379	1382	1385	rBV2	18599	26465	2.88%	0.182%
23	10.369	1405	1408	1413	rVB2	58531	65441	7.11%	0.450%
24	10.522	1431	1434	1437	rVV2	22513	24751	2.69%	0.170%
25	10.610	1446	1449	1461	rVB	330511	308499	33.52%	2.122%
26	10.733	1465	1470	1476	rVB5	26016	40648	4.42%	0.280%
27	10.916	1497	1501	1504	rBV2	28818	35609	3.87%	0.245%
28	11.045	1518	1523	1525	rBV3	17653	22217	2.41%	0.153%
29	11.122	1533	1536	1539	rBV	34020	32272	3.51%	0.222%
30	11.204	1547	1550	1555	rVB	34616	37759	4.10%	0.260%
31	11.310	1564	1568	1570	rBV	428196	370717	40.28%	2.550%
32	11.333	1570	1572	1576	rVV	528975	446510	48.51%	3.072%
33	11.386	1578	1581	1584	rVB	123266	94547	10.27%	0.650%
34	11.428	1584	1588	1593	rVB2	26669	34937	3.80%	0.240%
35	11.551	1604	1609	1614	rBV2	65959	84371	9.17%	0.580%
36	11.604	1616	1618	1622	rVV2	31796	34014	3.70%	0.234%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.645	1622	1625	1629	rVV2	28360	36452	3.96%	0.251%
38	11.816	1650	1654	1656	rVV	156112	130091	14.13%	0.895%
39	11.845	1656	1659	1663	rVV	229576	203812	22.14%	1.402%
40	11.892	1663	1667	1669	rVV	58306	53945	5.86%	0.371%
41	11.928	1669	1673	1675	rVV2	188618	203361	22.10%	1.399%
42	11.951	1675	1677	1683	rVB	130489	106346	11.55%	0.732%
43	12.004	1683	1686	1688	rBV3	22451	29032	3.15%	0.200%
44	12.110	1702	1704	1707	rVV	76865	70287	7.64%	0.484%
45	12.145	1707	1710	1713	rVB	66495	60645	6.59%	0.417%
46	12.263	1728	1730	1733	rVV	41243	39491	4.29%	0.272%
47	12.292	1733	1735	1737	rVV	50709	40500	4.40%	0.279%
48	12.322	1737	1740	1743	rVB2	31943	28432	3.09%	0.196%
49	12.369	1744	1748	1751	rBV	125803	127741	13.88%	0.879%
50	12.404	1751	1754	1756	rVV2	72538	86125	9.36%	0.592%
51	12.427	1756	1758	1760	rVB	42951	31862	3.46%	0.219%
52	12.463	1760	1764	1767	rBV3	80304	101525	11.03%	0.698%
53	12.533	1772	1776	1780	rBV	821719	703453	76.43%	4.839%
54	12.575	1780	1783	1785	rBV	27226	27278	2.96%	0.188%
55	12.598	1785	1787	1789	rVB2	36608	29077	3.16%	0.200%
56	12.627	1789	1792	1795	rBV	51884	41441	4.50%	0.285%
57	12.680	1795	1801	1804	rBV4	35379	57549	6.25%	0.396%
58	12.763	1809	1815	1821	rBV	770510	827333	89.89%	5.691%
59	12.816	1821	1824	1828	rVB2	56367	68111	7.40%	0.469%
60	12.904	1831	1839	1842	rBV	584730	565225	61.41%	3.888%
61	12.980	1848	1852	1857	rBV2	95339	150167	16.32%	1.033%
62	13.069	1864	1867	1869	rVV3	90610	116906	12.70%	0.804%
63	13.092	1869	1871	1874	rVB	151383	131236	14.26%	0.903%
64	13.133	1874	1878	1880	rBV4	23664	29356	3.19%	0.202%
65	13.163	1880	1883	1885	rVV	88415	81353	8.84%	0.560%
66	13.198	1885	1889	1892	rVV2	155621	160324	17.42%	1.103%
67	13.257	1896	1899	1902	rVV3	19890	26698	2.90%	0.184%
68	13.292	1902	1905	1907	rVV	112493	92687	10.07%	0.638%
69	13.322	1907	1910	1914	rVB	104588	95902	10.42%	0.660%
70	13.480	1933	1937	1938	rBV4	22563	29818	3.24%	0.205%
71	13.498	1938	1940	1942	rVV2	20010	24039	2.61%	0.165%
72	13.580	1951	1954	1956	rBV3	26395	31909	3.47%	0.220%
73	13.610	1956	1959	1963	rVB	106261	99965	10.86%	0.688%
74	13.716	1972	1977	1980	rBV	101700	131913	14.33%	0.907%
75	13.745	1980	1982	1984	rVV	87412	71051	7.72%	0.489%
76	13.769	1984	1986	1992	rVV3	62230	99459	10.81%	0.684%

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77	13.822	1992	1995	1998	rVB	96715	91957	9.99%	0.633%
78	13.969	2012	2020	2023	rBV2	585984	920391	100.00%	6.331%
79	13.998	2023	2025	2032	rVB	479863	412966	44.87%	2.841%
80	14.074	2036	2038	2040	rVV	37914	31389	3.41%	0.216%
81	14.121	2044	2046	2052	rBV5	49834	75060	8.16%	0.516%
82	14.292	2072	2075	2078	rBV2	25890	24001	2.61%	0.165%
83	14.321	2078	2080	2082	rBV2	51416	46473	5.05%	0.320%
84	14.363	2082	2087	2090	rVV	153410	181867	19.76%	1.251%
85	14.392	2090	2092	2096	rVV	76543	93110	10.12%	0.641%
86	14.433	2097	2099	2101	rVV	62368	72327	7.86%	0.498%
87	14.486	2105	2108	2110	rVV	96240	99137	10.77%	0.682%
88	14.510	2110	2112	2115	rVV	67799	64673	7.03%	0.445%
89	14.557	2118	2120	2123	rVB2	42415	37238	4.05%	0.256%
90	14.692	2139	2143	2150	rBV7	26833	64405	7.00%	0.443%
91	14.863	2169	2172	2175	rBV2	40230	50070	5.44%	0.344%
92	15.027	2195	2200	2203	rBV	287022	435455	47.31%	2.995%
93	15.133	2215	2218	2222	rVB	64435	69273	7.53%	0.477%
94	15.333	2248	2252	2259	rVB	169174	229103	24.89%	1.576%
95	15.398	2259	2263	2268	rBV	262542	305352	33.18%	2.101%
96	15.463	2270	2274	2277	rBV	232868	286076	31.08%	1.968%
97	15.915	2349	2351	2355	rVB3	31526	43299	4.70%	0.298%
98	16.039	2370	2372	2376	rVB3	30009	35192	3.82%	0.242%
99	16.980	2527	2532	2541	rVB2	82803	169209	18.38%	1.164%
100	17.445	2607	2611	2617	rVB	62141	111748	12.14%	0.769%

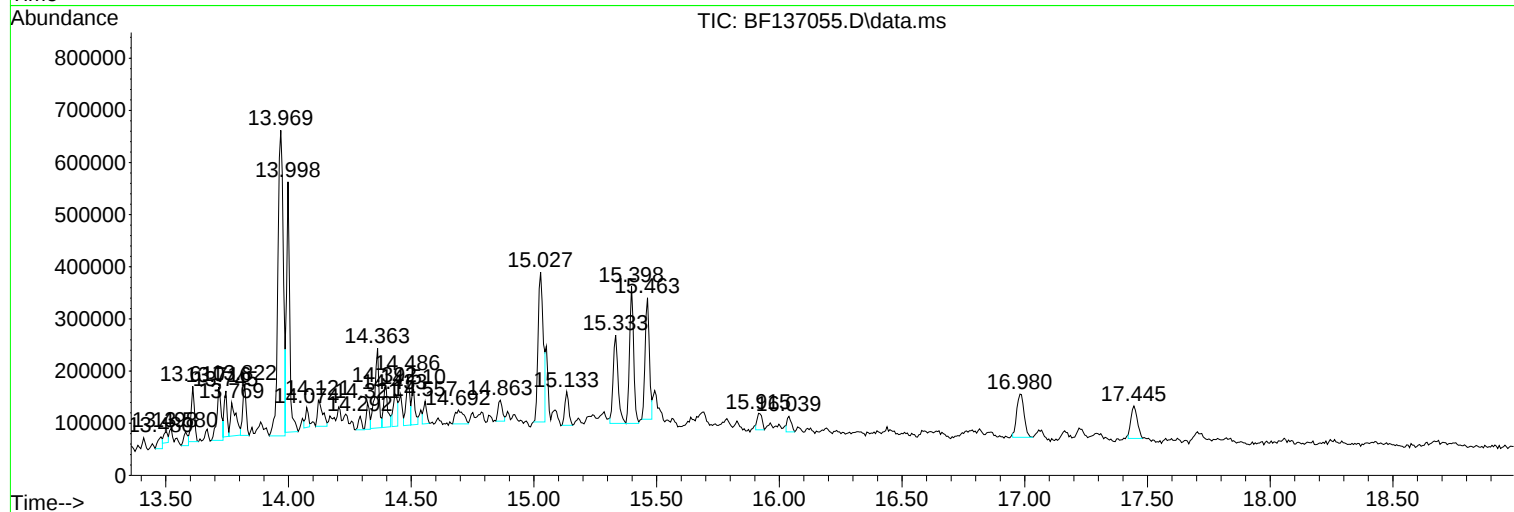
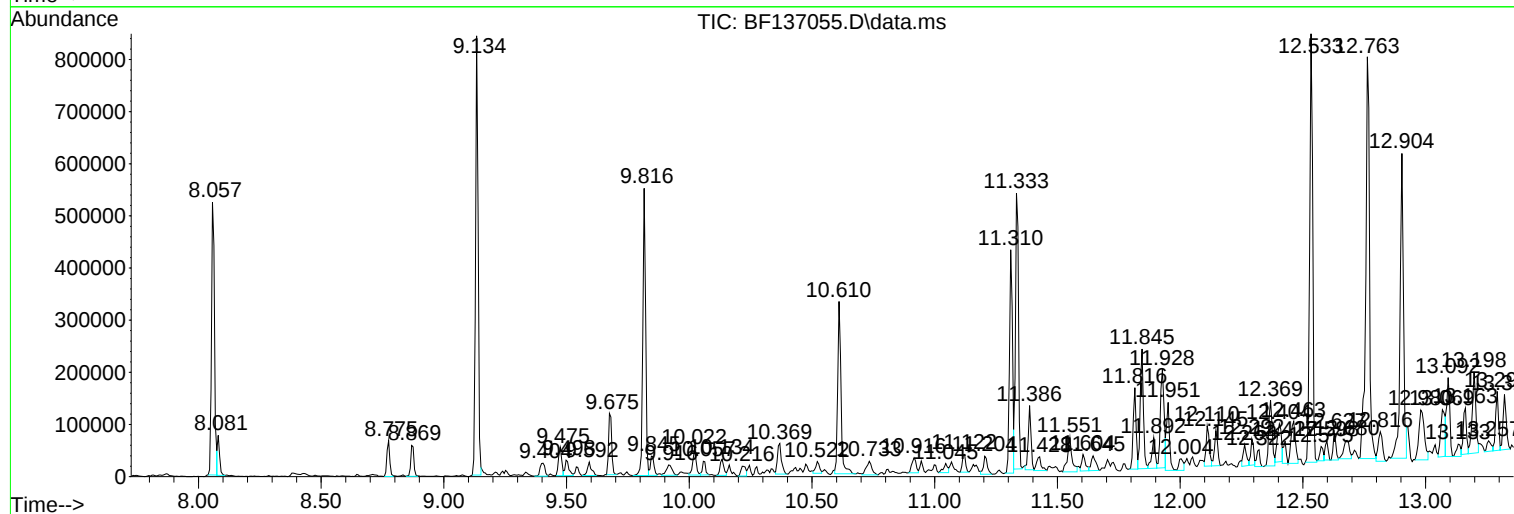
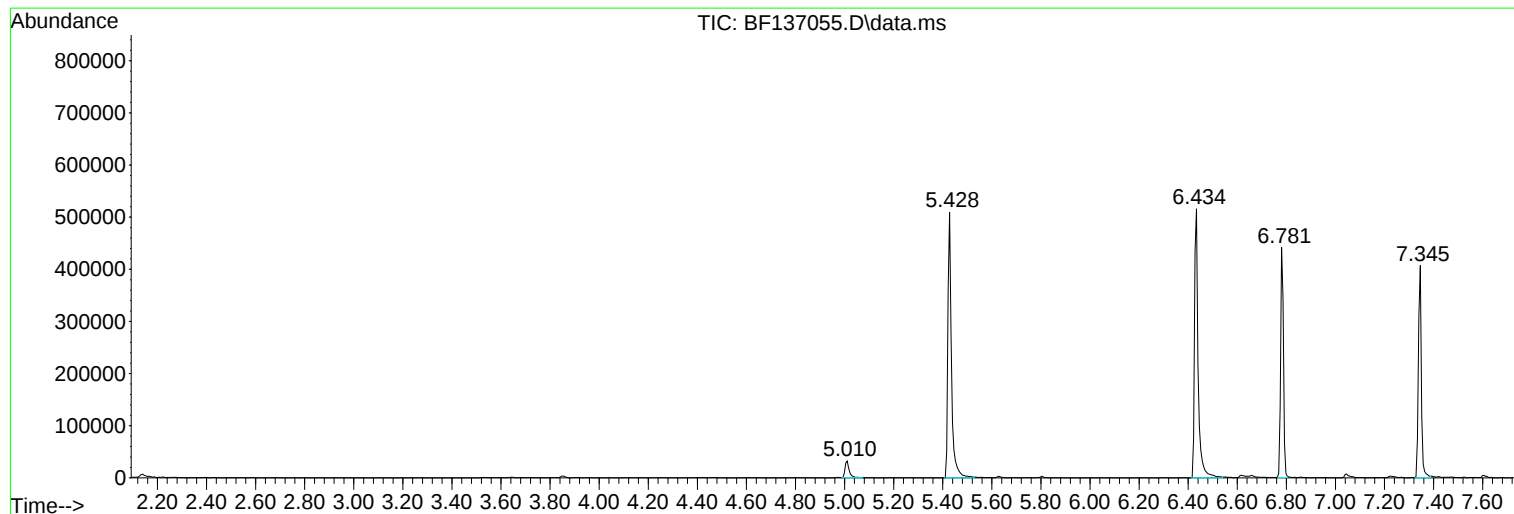
Sum of corrected areas: 14536975

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Instrument :
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MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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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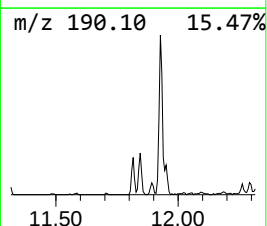
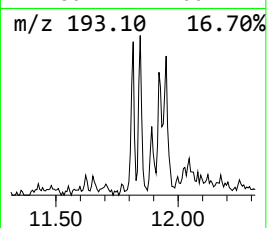
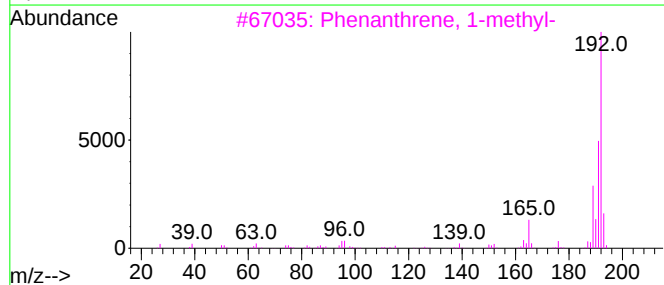
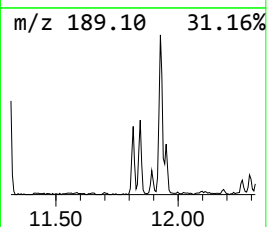
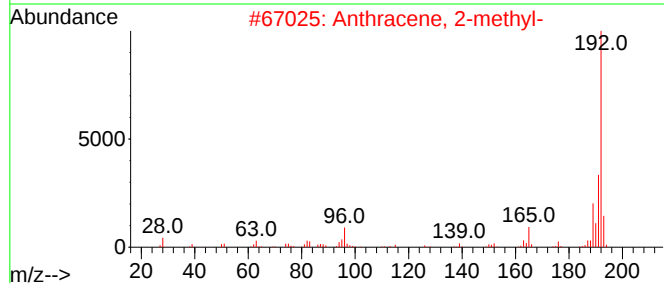
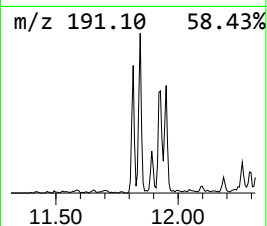
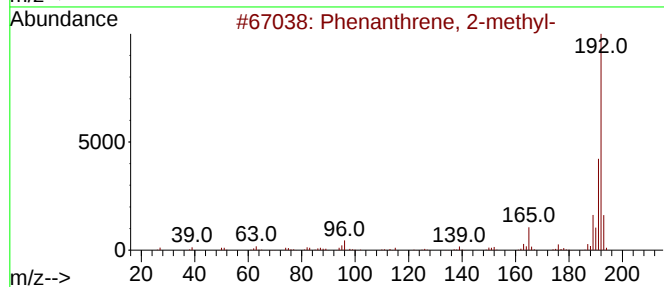
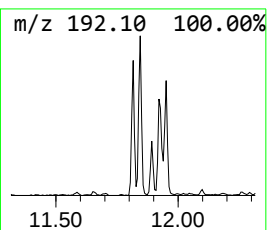
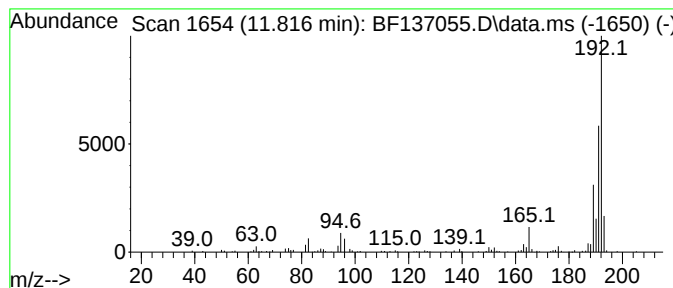
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	7.02 ng	130091	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



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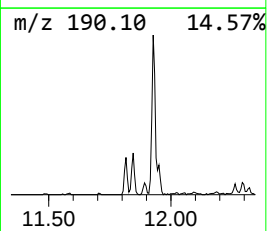
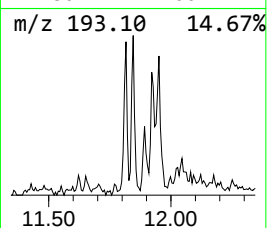
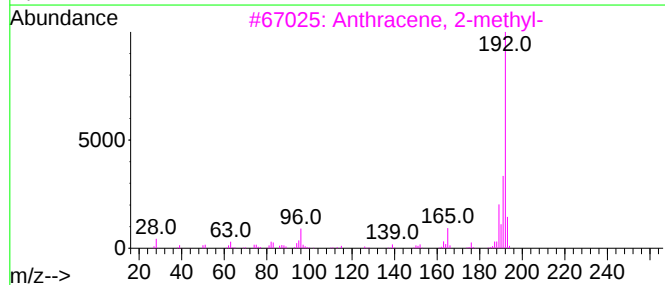
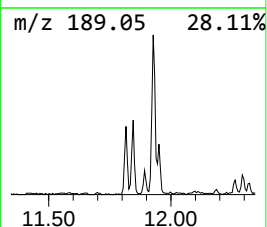
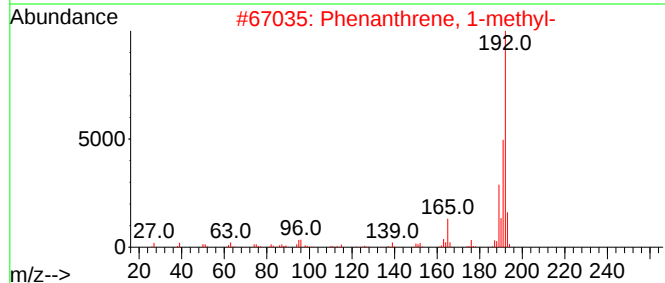
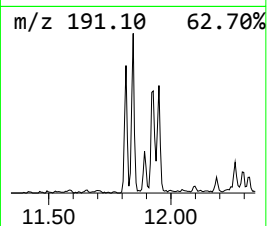
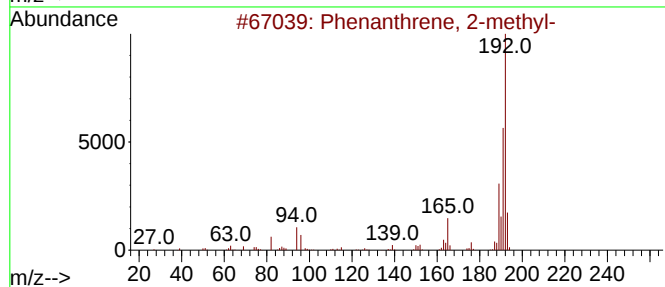
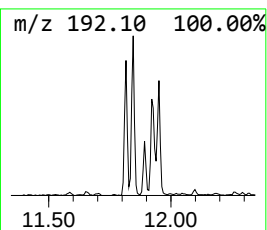
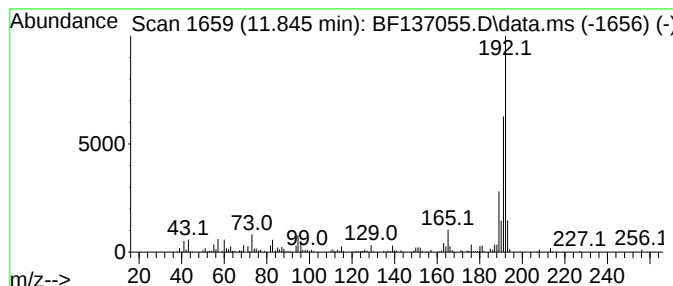
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	11.00 ng	203812	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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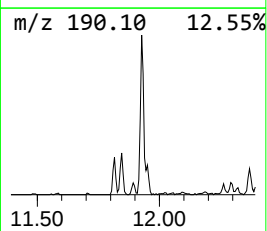
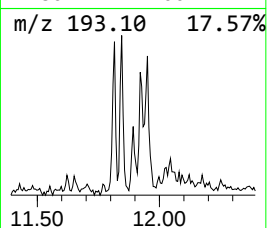
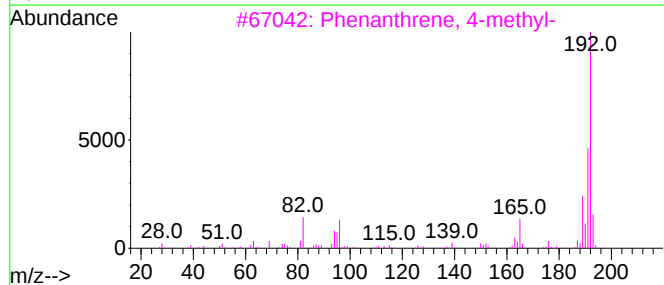
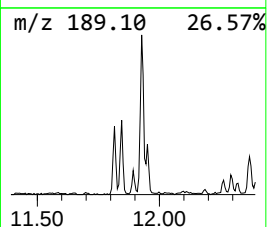
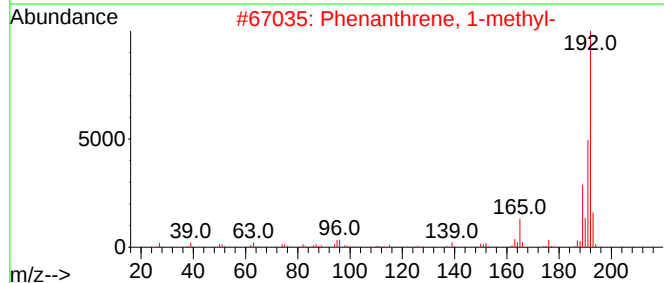
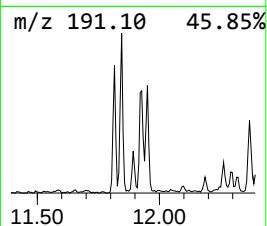
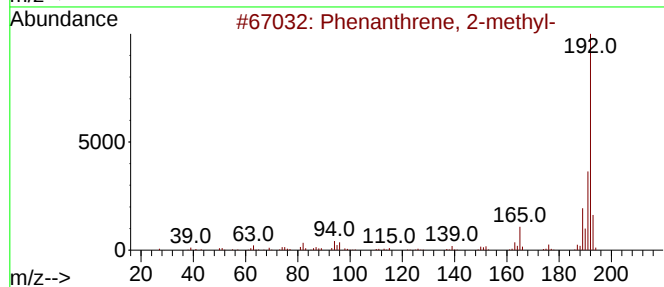
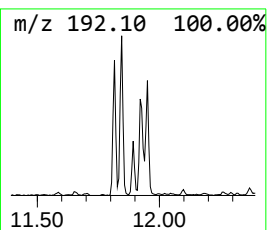
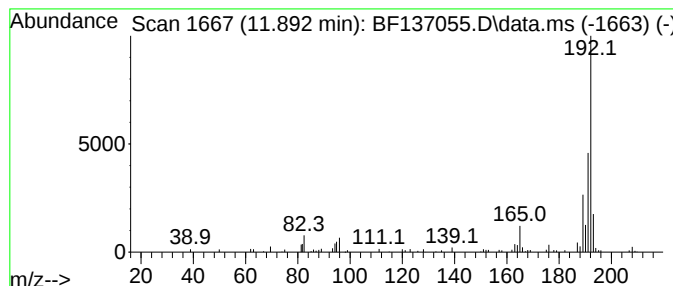
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.91 ng	53945	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

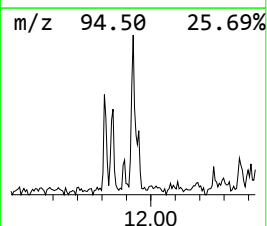
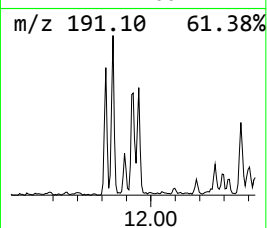
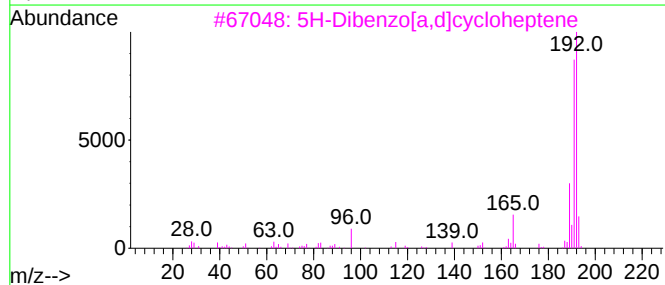
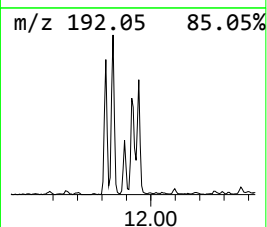
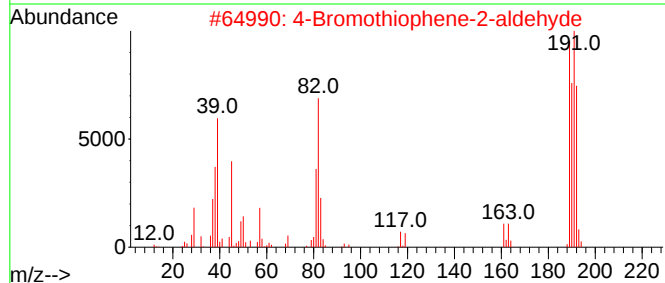
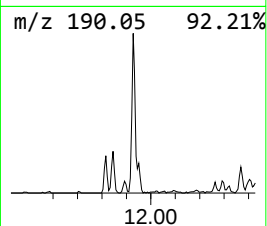
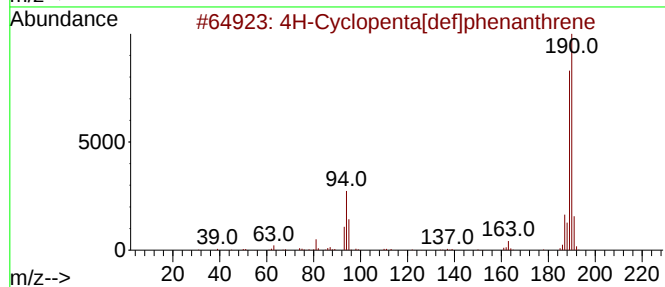
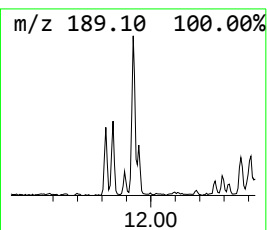
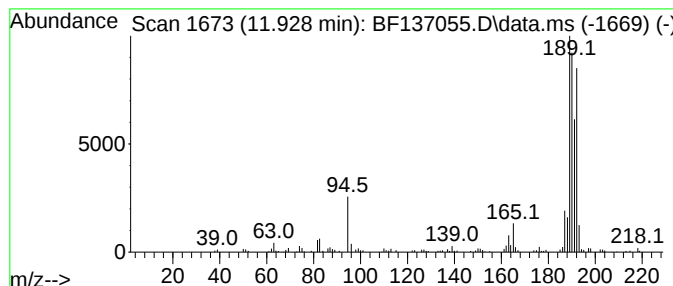
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	10.97 ng	203361	Phenanthrene-d10	11.310

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		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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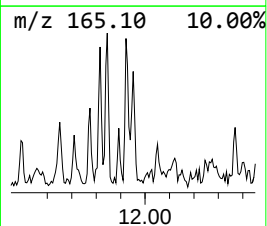
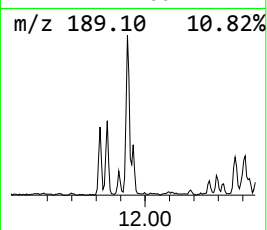
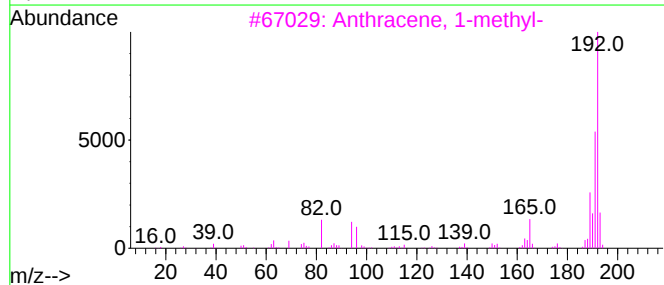
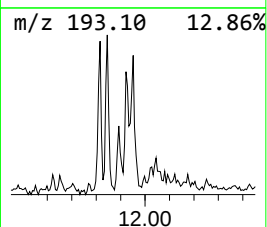
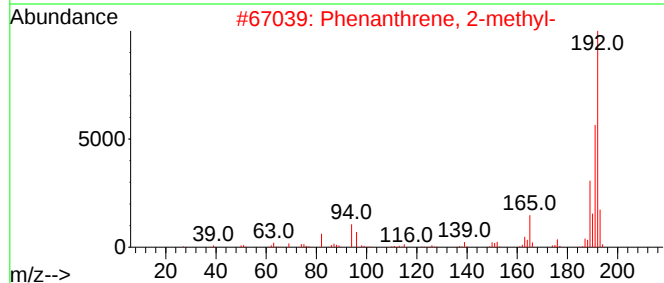
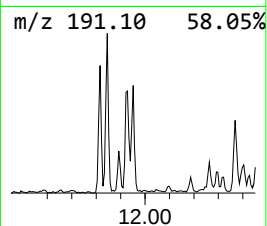
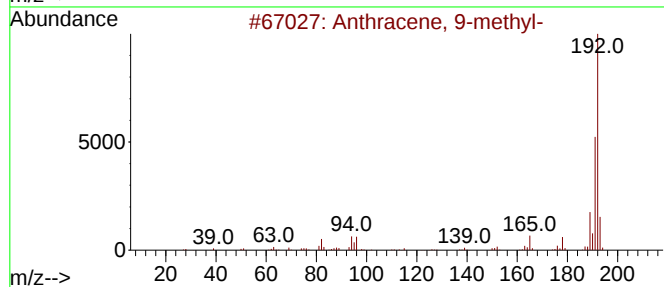
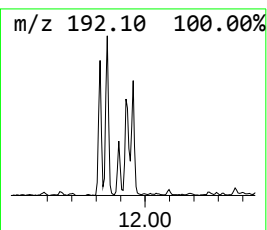
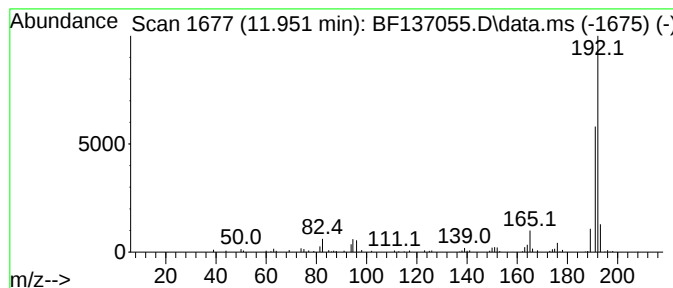
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	5.74 ng	106346	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
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ALS Vial : 13 Sample Multiplier: 1

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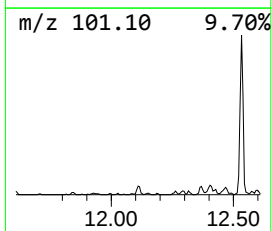
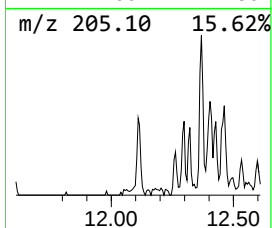
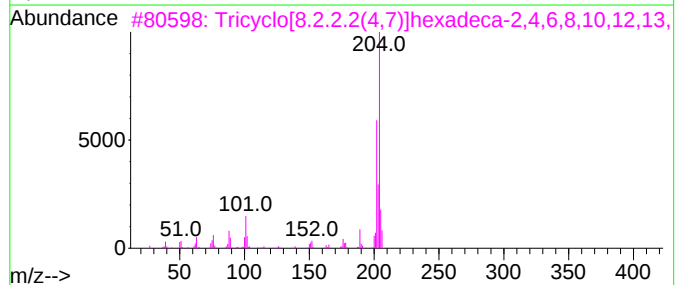
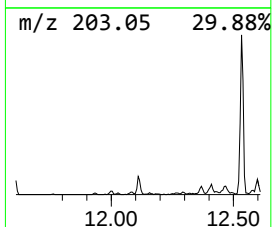
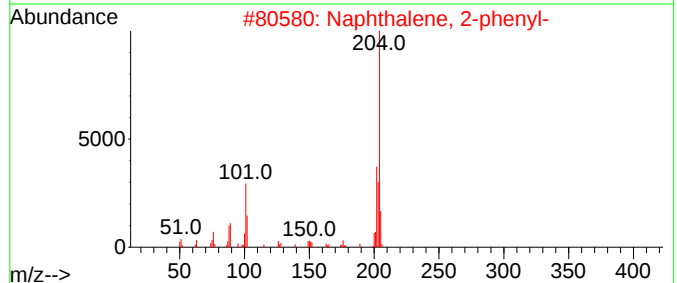
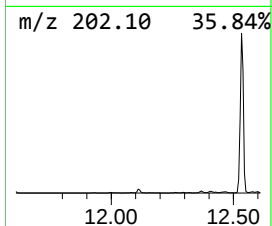
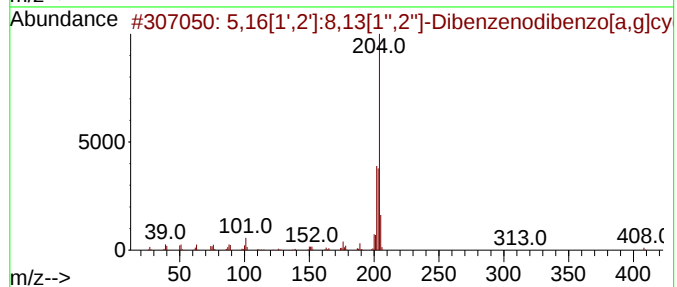
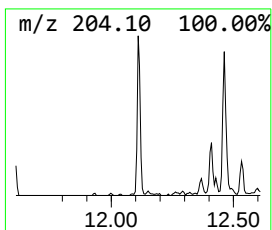
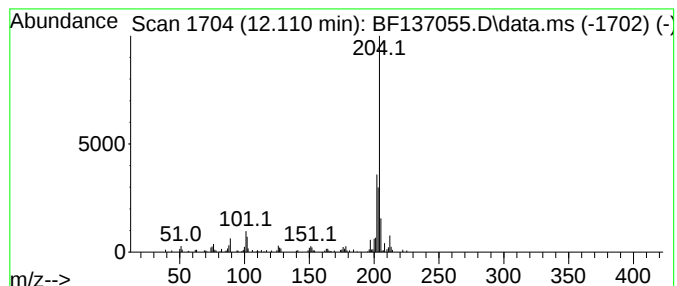
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.79 ng	70287	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76	
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64	
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50	
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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Acq On : 12 Jan 2024 18:25
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ALS Vial : 13 Sample Multiplier: 1

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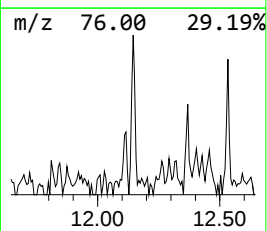
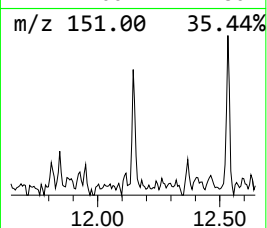
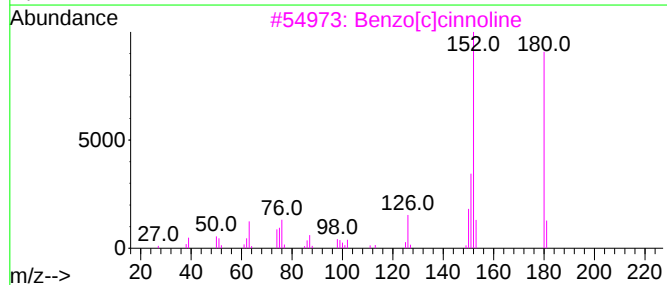
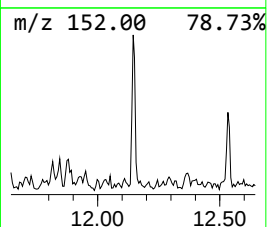
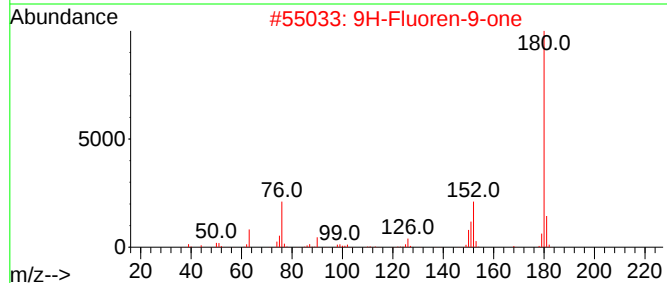
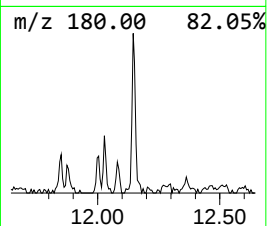
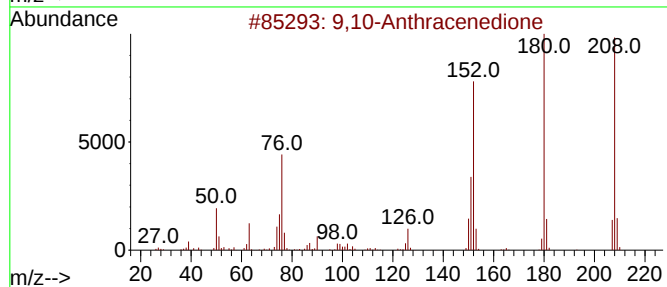
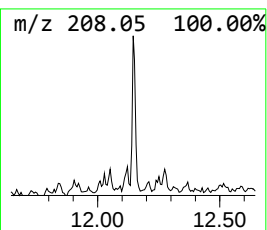
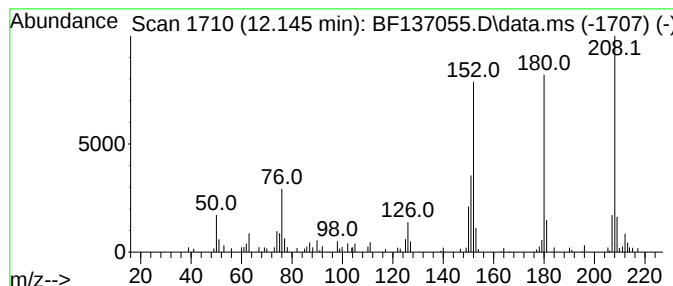
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	3.27 ng	60645	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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ClientSampleId :
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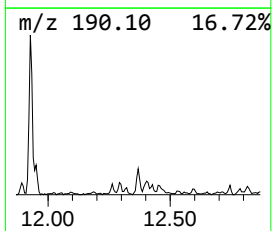
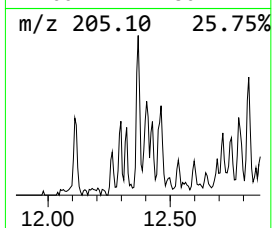
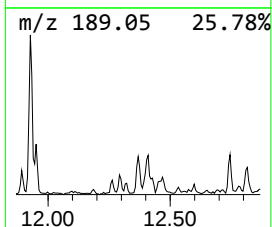
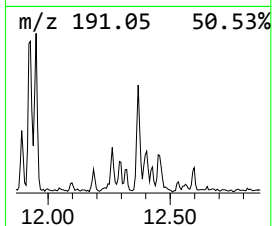
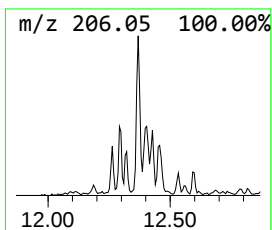
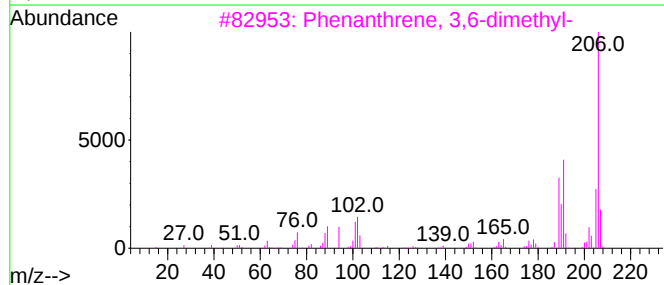
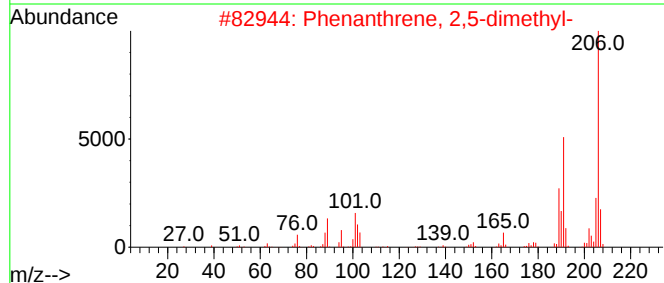
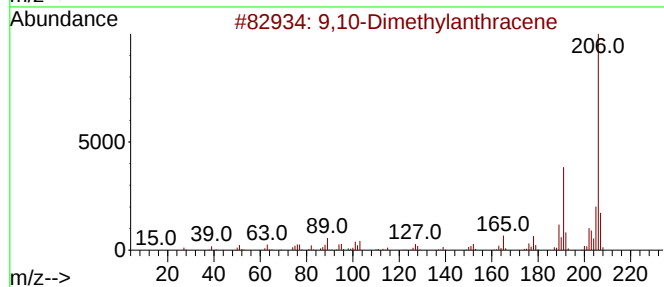
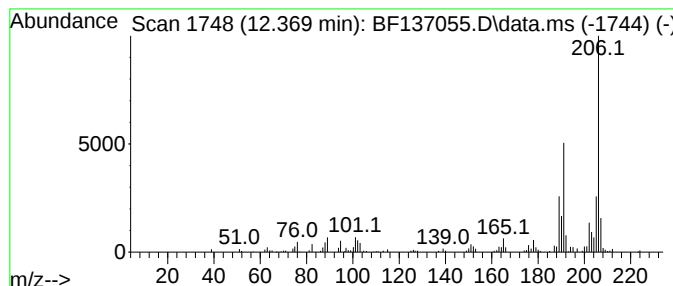
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	6.89 ng	127741	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	95
3	Phenanthrene, 3,6-dimethyl-			206	C16H14	001576-67-6	91
4	1,3-Diphenyl-3-methylcyclopropene			206	C16H14	086544-79-8	90
5	di-p-Tolylacetylene			206	C16H14	002789-88-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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Acq On : 12 Jan 2024 18:25
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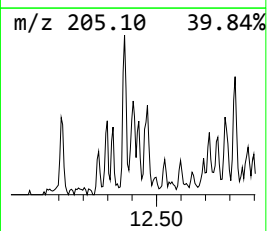
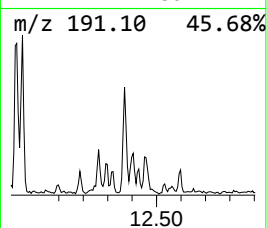
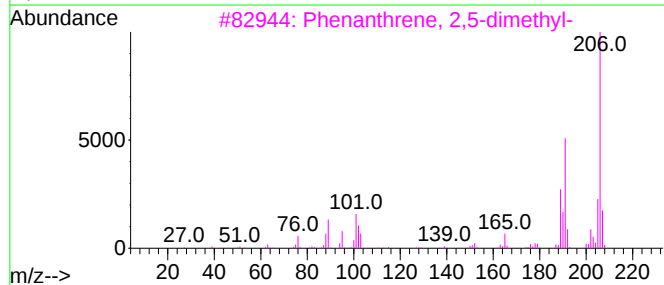
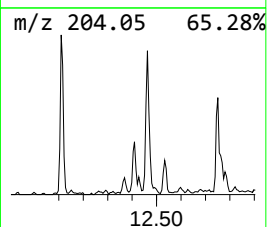
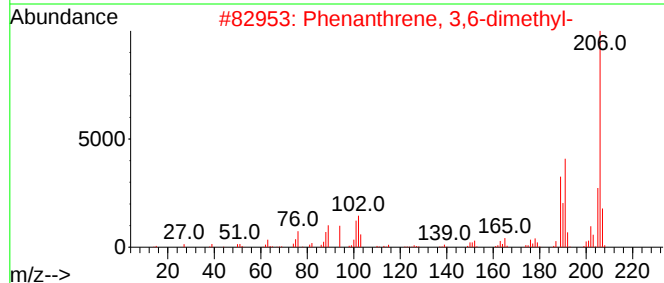
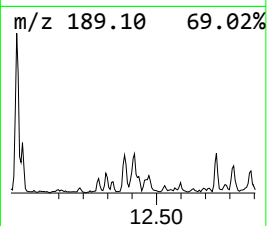
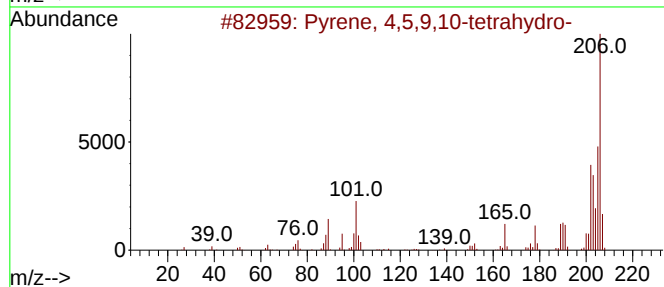
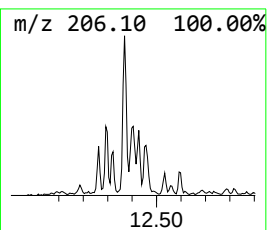
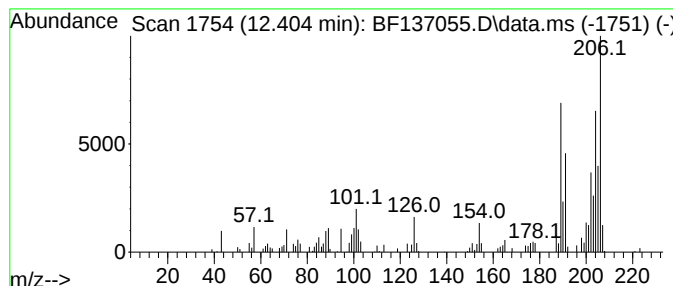
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	4.65 ng	86125	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	64
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
4			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	49
5			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
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ALS Vial : 13 Sample Multiplier: 1

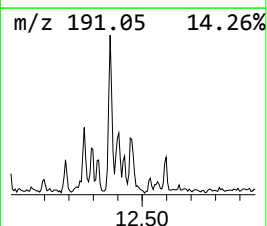
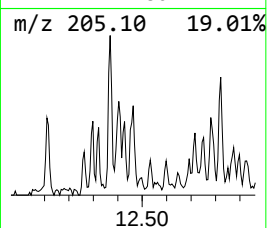
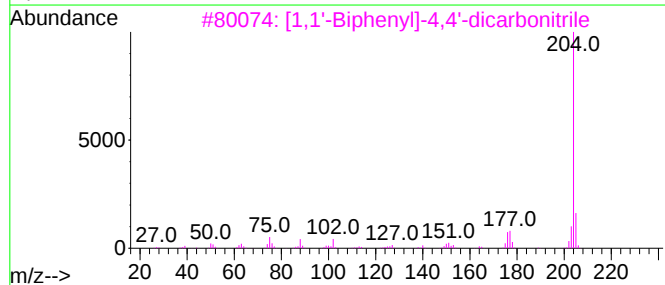
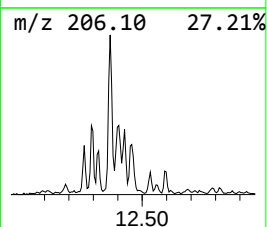
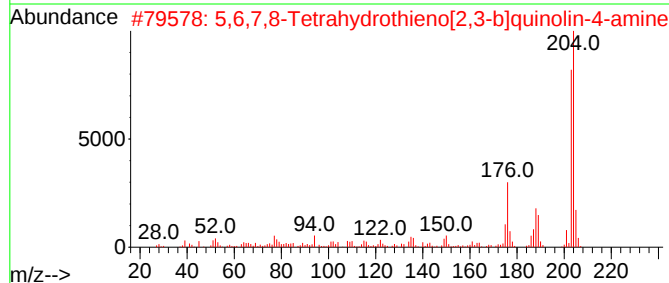
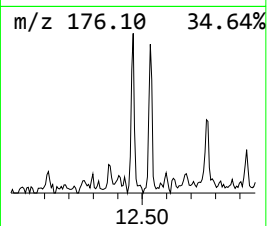
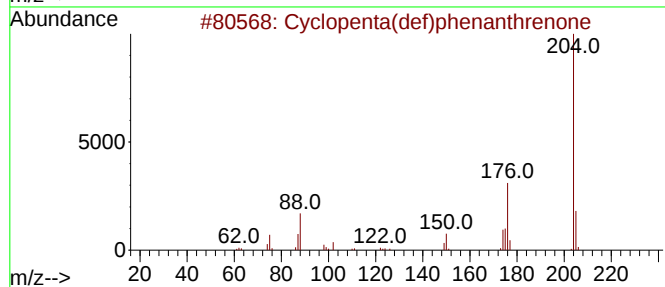
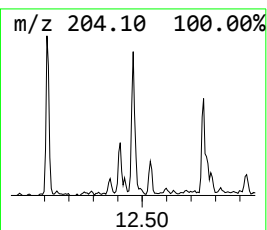
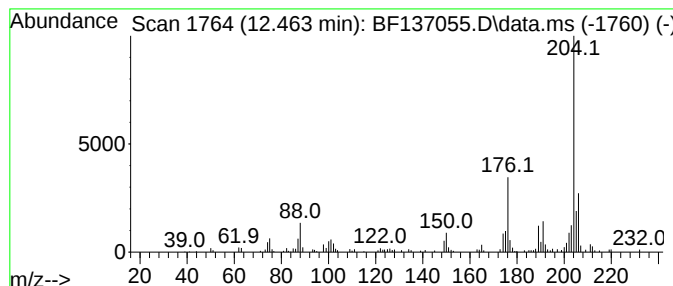
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ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.463	5.48 ng	101525	Phenanthrene-d10		11.310	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	53
4	6-Phenyl-2-thiouracil		204	C10H8N2OS	005590-94-3	53
5	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

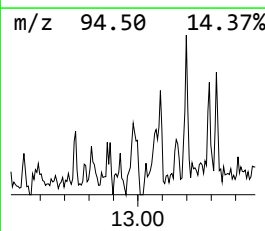
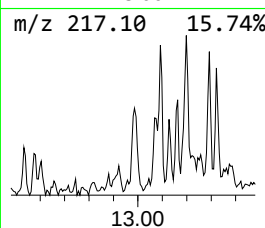
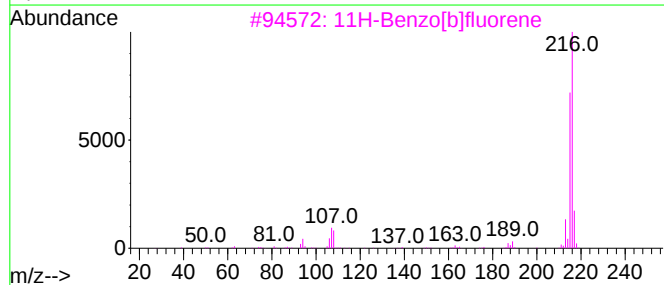
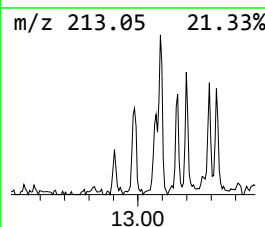
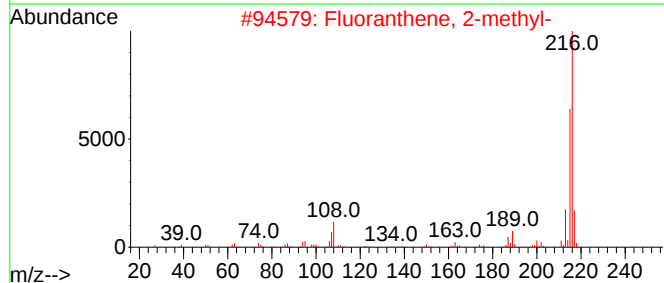
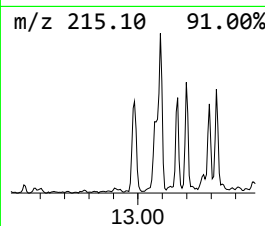
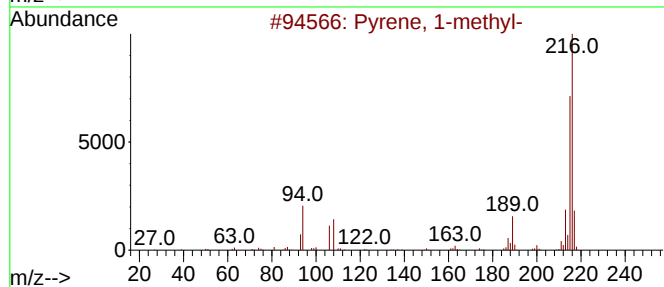
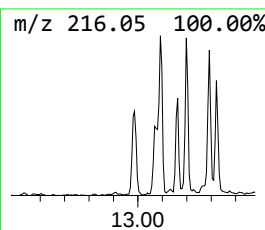
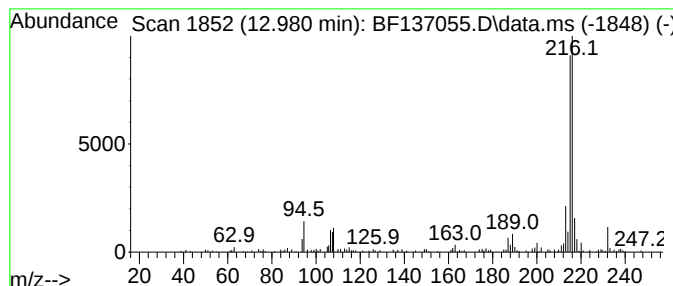
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	3.26 ng	150167	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

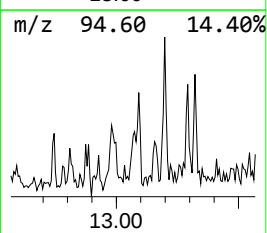
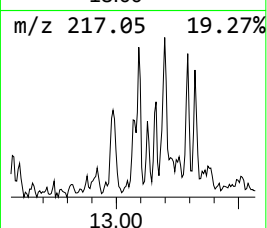
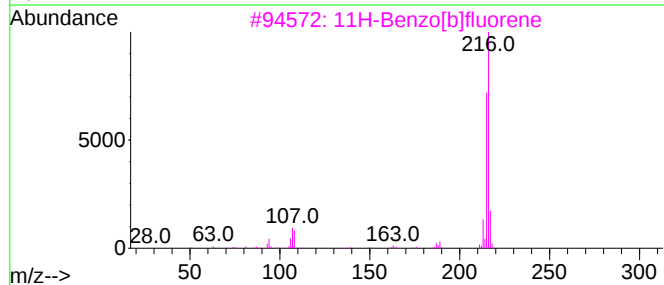
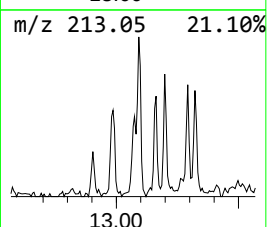
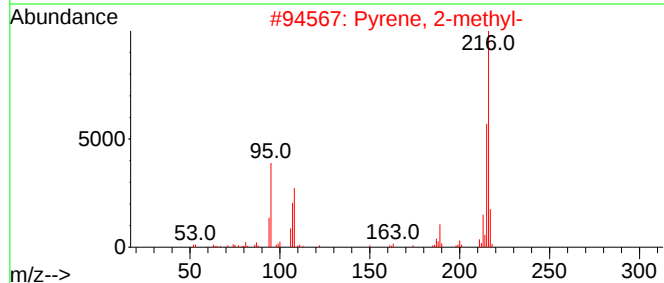
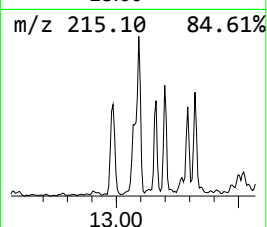
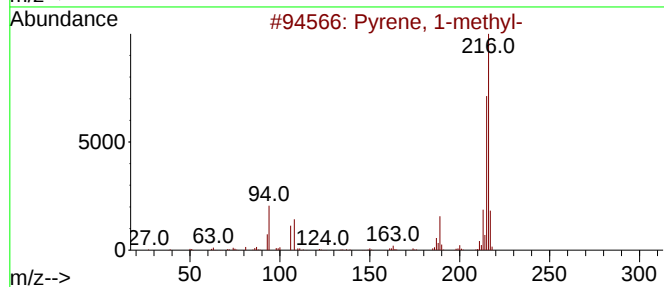
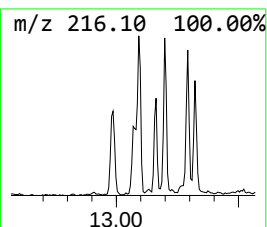
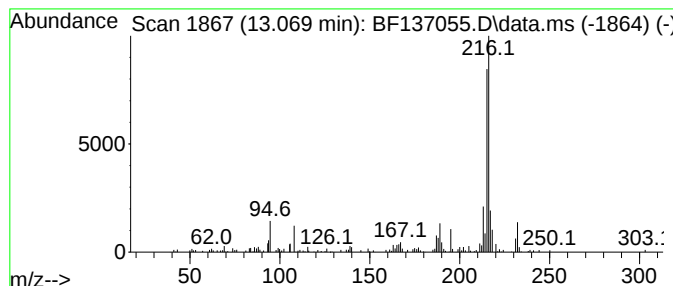
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ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.069	2.54 ng	116906	Chrysene-d12		13.974	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-		216	C17H12	003442-78-2	91
3	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	72
5	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

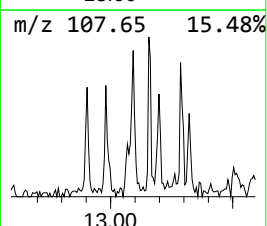
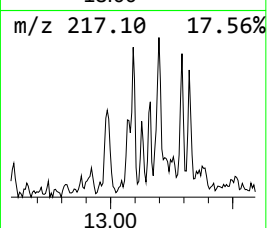
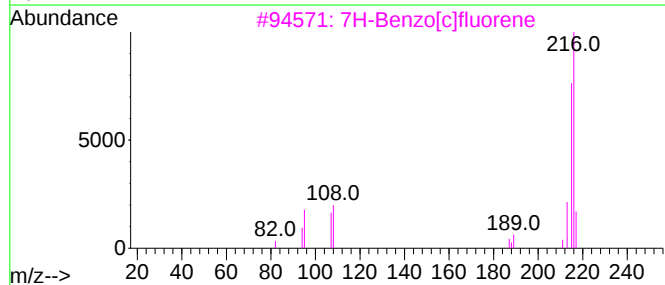
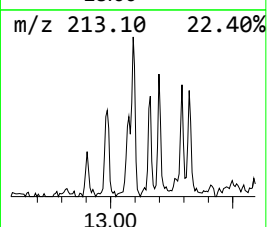
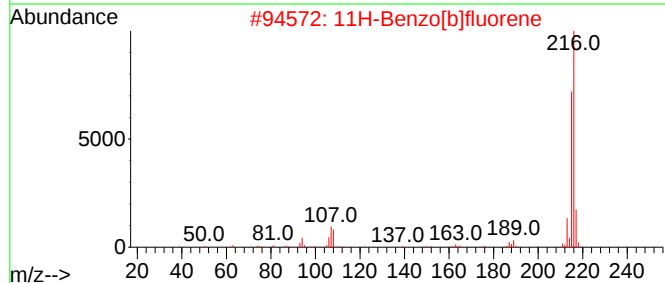
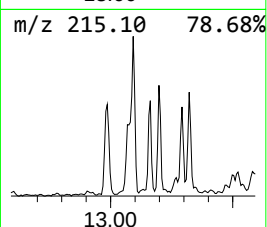
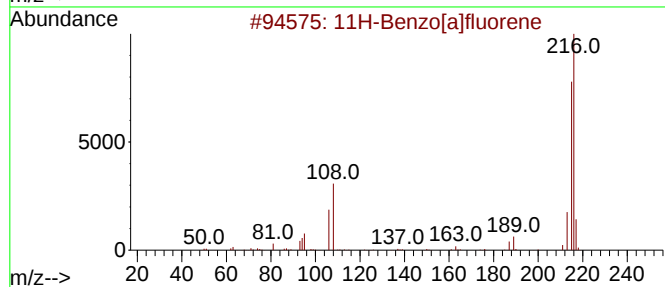
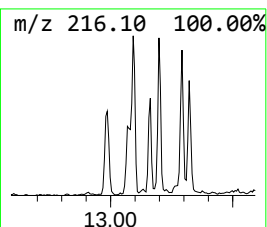
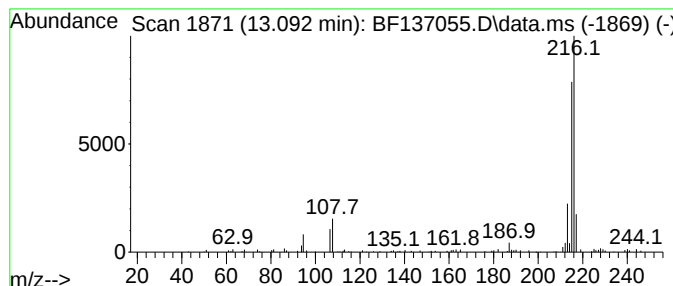
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	2.85 ng	131236	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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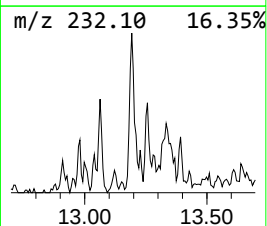
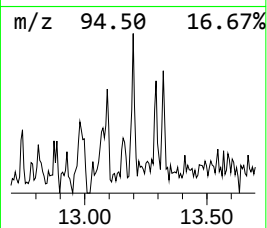
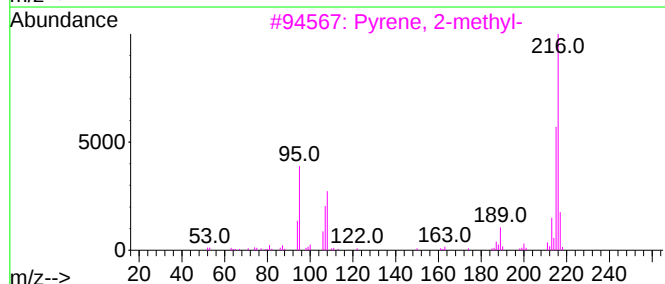
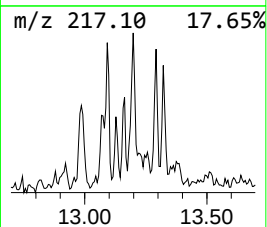
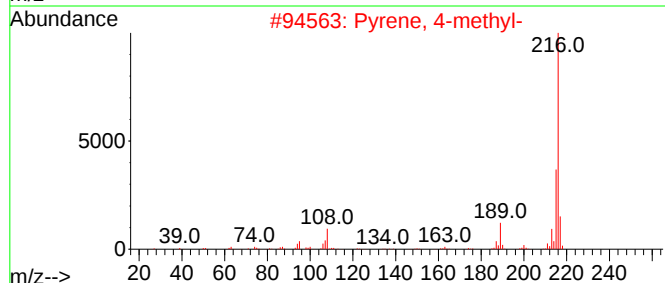
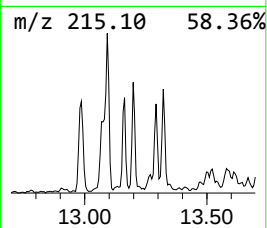
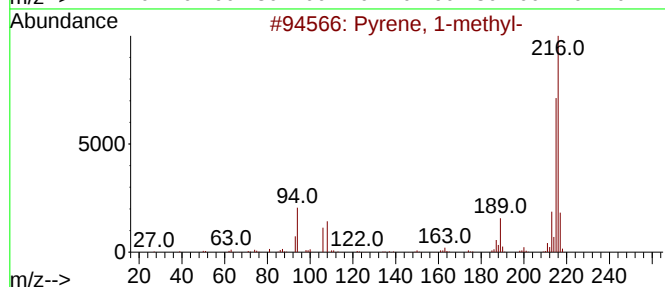
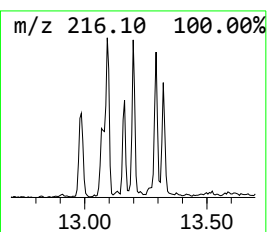
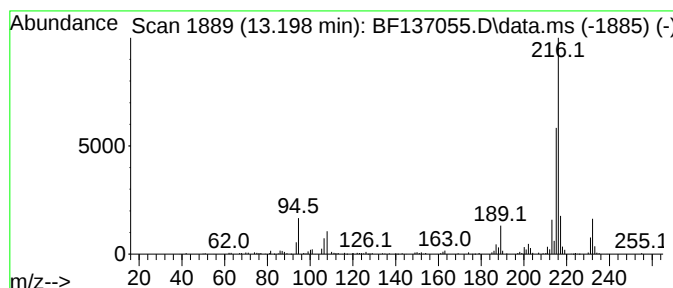
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	3.48 ng	160324	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

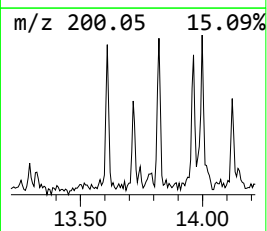
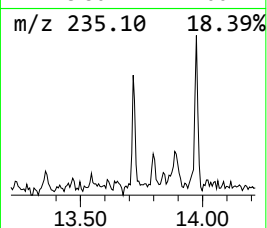
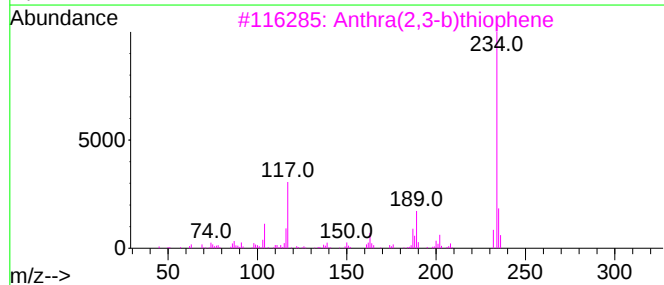
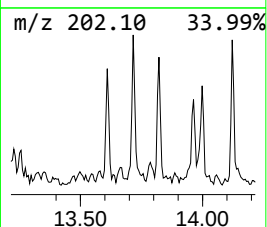
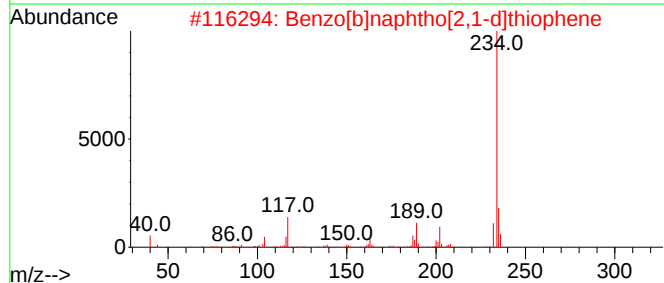
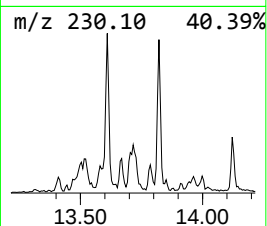
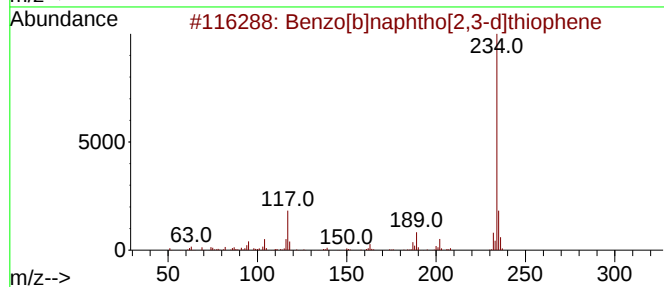
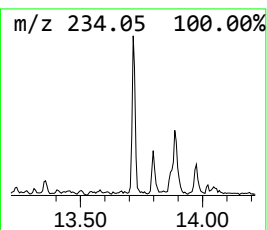
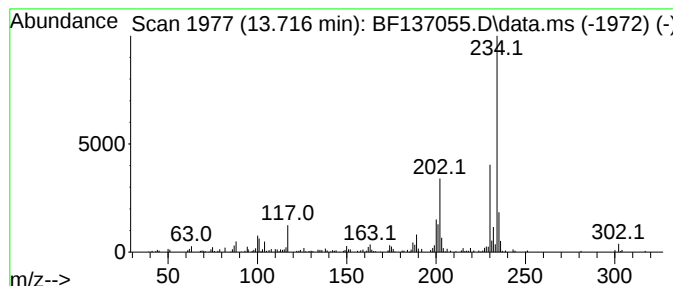
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.87 ng	131913	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	78
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	55
4			Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	45
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

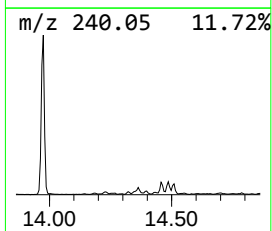
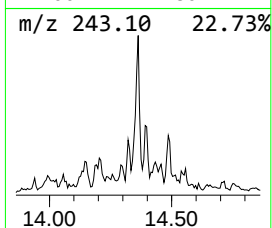
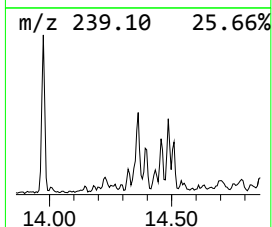
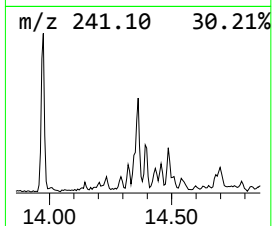
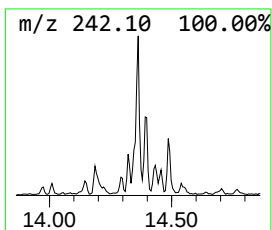
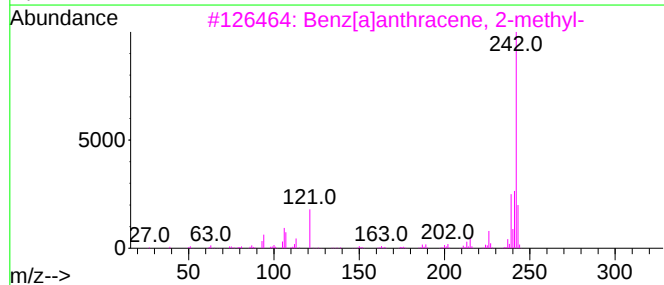
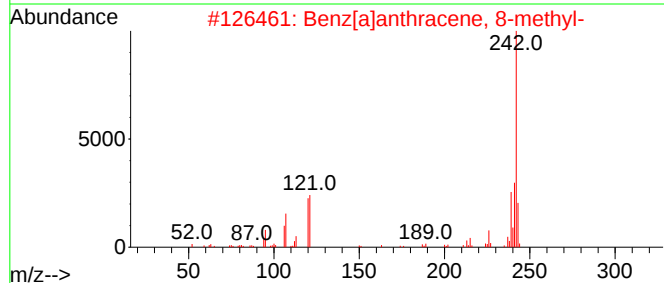
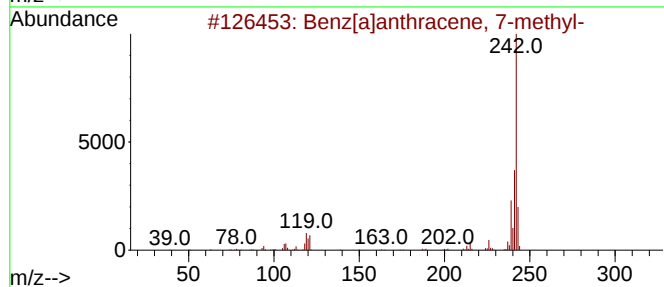
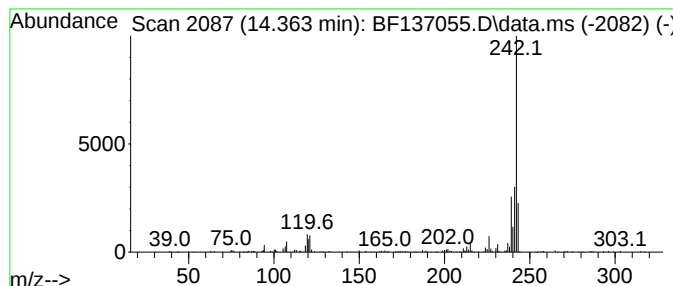
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benz[a]anthracene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	3.95 ng	181867	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

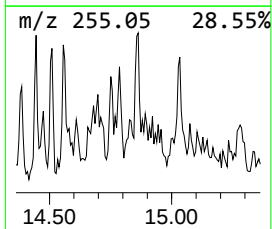
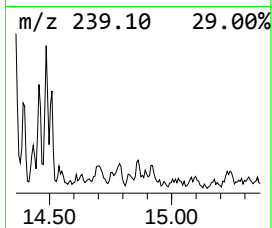
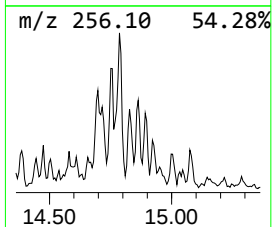
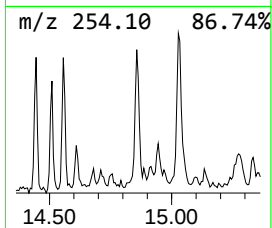
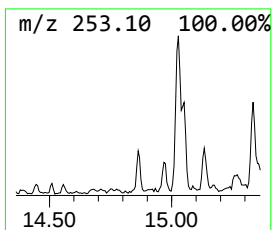
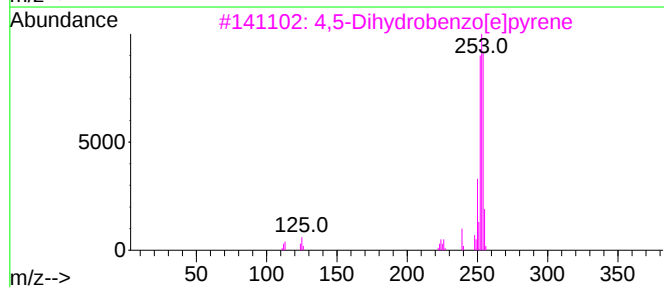
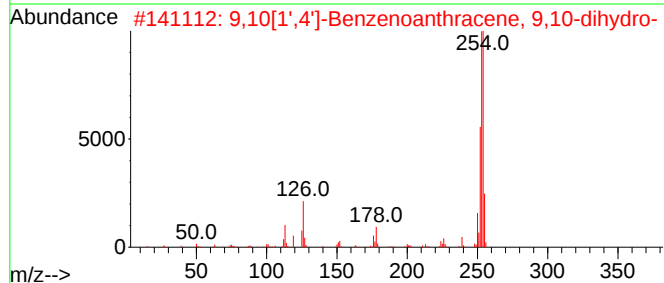
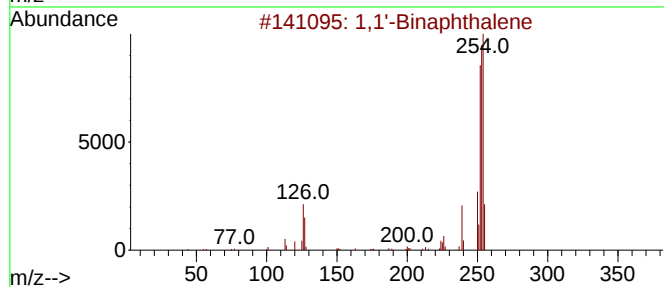
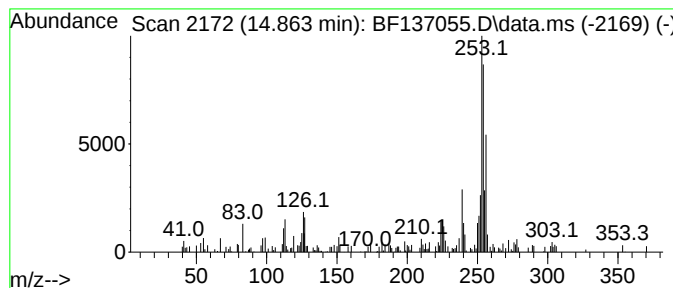
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Binaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	3.50 ng	50070	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Binaphthalene	254	C20H14	000604-53-5	70
2	9,10[1',4']	-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	64
3	4,5-Dihydrobenzo[e]	pyrene	254	C20H14	095676-42-9	58
4	9,10[1',2']	-Benzenoanthracene, 9...	254	C20H14	000477-75-8	53
5	1H-Indene, 1,1'-(1,2-ethanediyl)		254	C20H14	072088-04-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

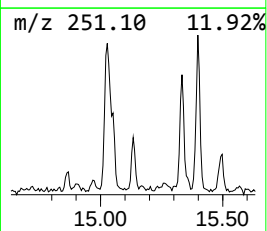
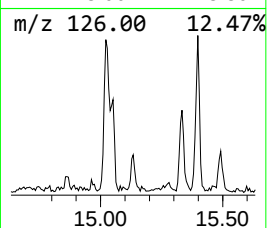
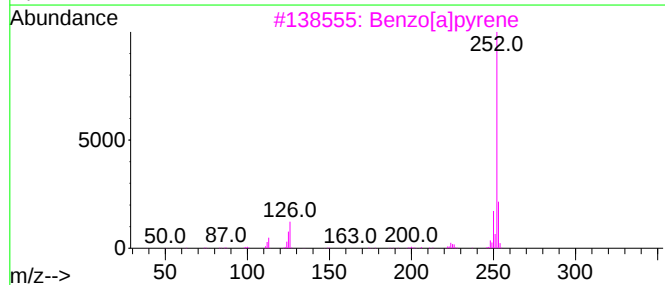
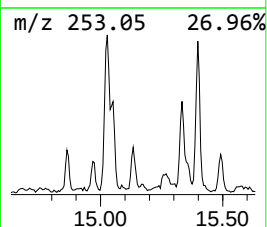
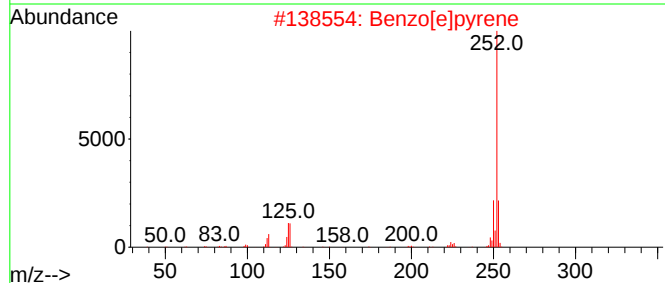
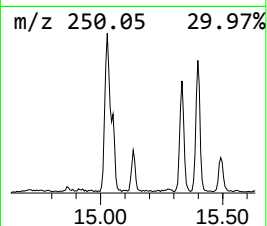
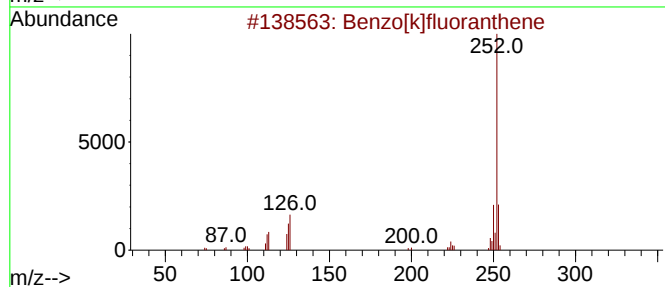
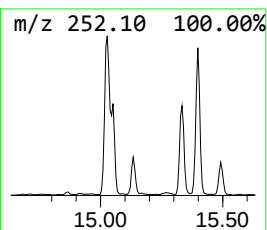
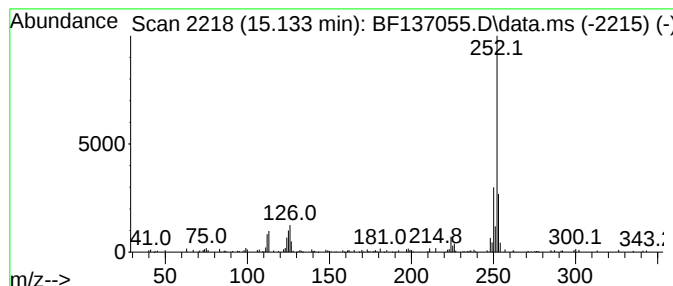
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	4.84 ng	69273	Perylene-d12	15.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2			Benzo[e]pyrene	252	C20H12	000192-97-2	94
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

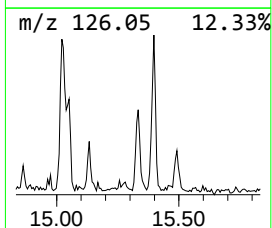
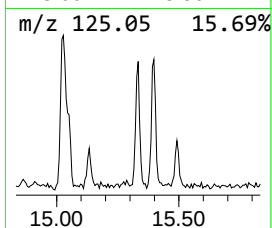
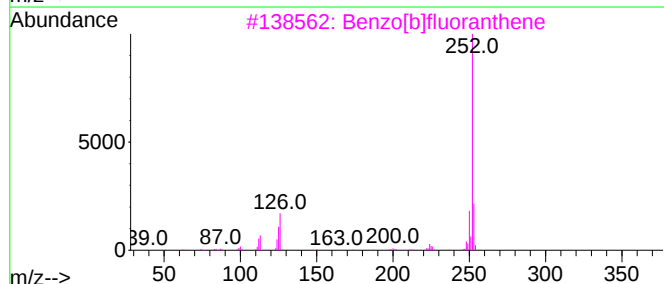
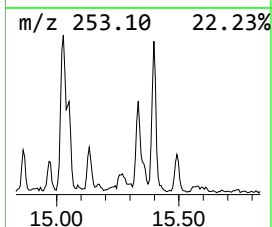
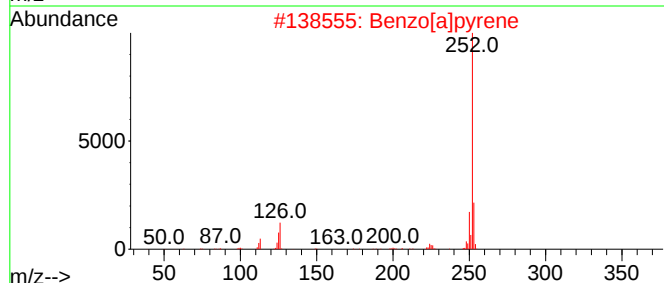
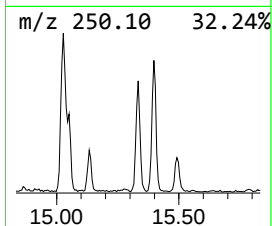
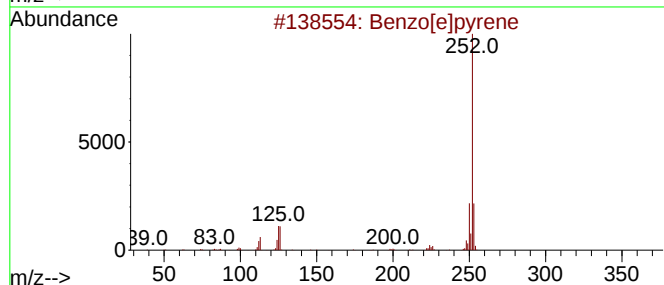
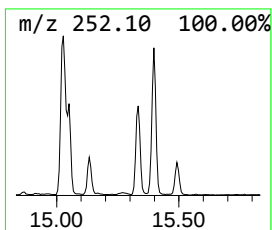
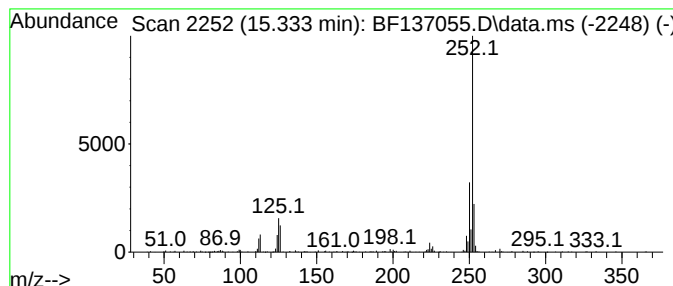
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	16.02 ng	229103	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

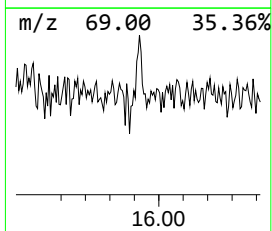
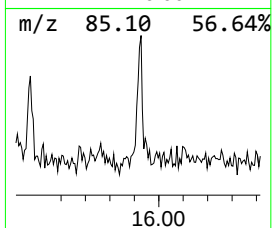
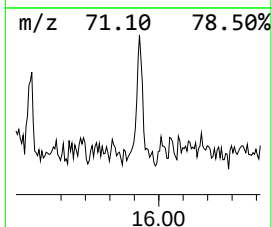
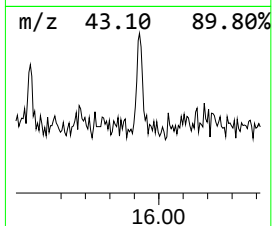
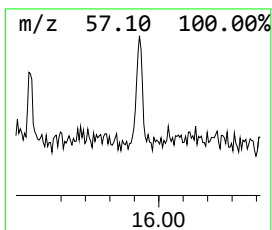
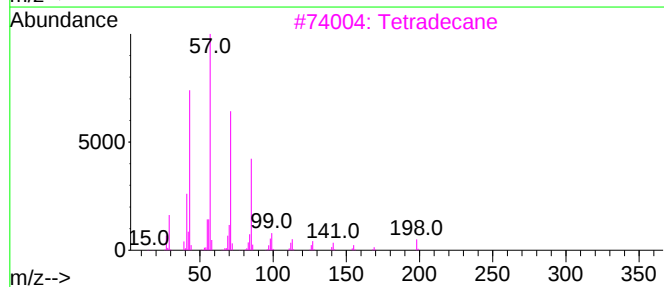
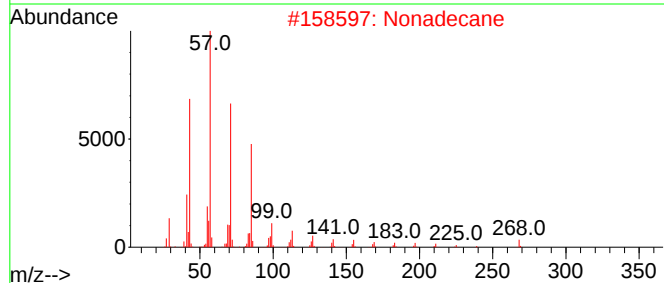
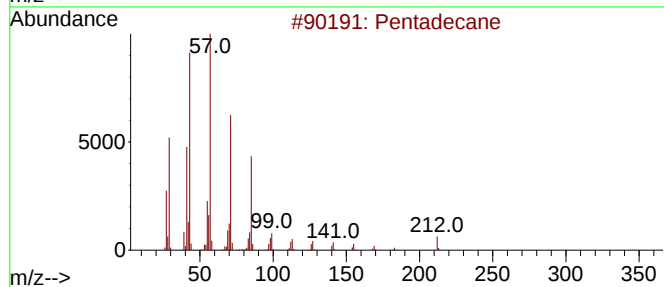
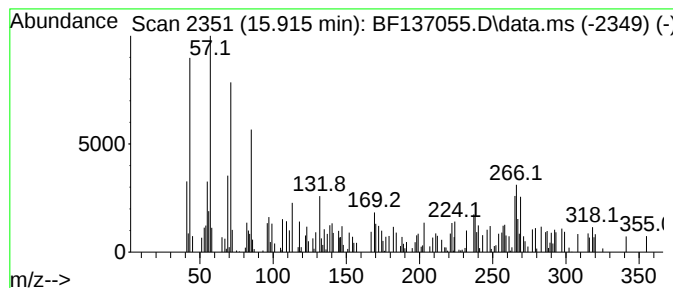
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	3.03 ng	43299	Perylene-d12	15.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	55
2		Nonadecane	268	C19H40	000629-92-5	49
3		Tetradecane	198	C14H30	000629-59-4	49
4		Tridecane	184	C13H28	000629-50-5	49
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
Data File : BF137055.D
Acq On : 12 Jan 2024 18:25
Operator : CG\JU
Sample : P1123-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MEDIAN-EAST-SIDE-HOWARD-BLVD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Phenanthrene, 2...	11.816	7.0	ng	130091	4	11.310	370717	20.0
Phenanthrene, 1...	11.845	11.0	ng	203812	4	11.310	370717	20.0
Phenanthrene, 4...	11.892	2.9	ng	53945	4	11.310	370717	20.0
4H-Cyclopenta[d...	11.928	11.0	ng	203361	4	11.310	370717	20.0
Anthracene, 9-m...	11.951	5.7	ng	106346	4	11.310	370717	20.0
5,16[1',2']:8,1...	12.110	3.8	ng	70287	4	11.310	370717	20.0
9,10-Anthracene...	12.145	3.3	ng	60645	4	11.310	370717	20.0
9,10-Dimethylan...	12.369	6.9	ng	127741	4	11.310	370717	20.0
Pyrene, 4,5,9,1...	12.404	4.7	ng	86125	4	11.310	370717	20.0
Cyclopenta(def)...	12.463	5.5	ng	101525	4	11.310	370717	20.0
Pyrene, 1-methyl-	12.980	3.3	ng	150167	5	13.974	920391	20.0
Pyrene, 2-methyl-	13.069	2.5	ng	116906	5	13.974	920391	20.0
11H-Benzo[a]flu...	13.092	2.9	ng	131236	5	13.974	920391	20.0
Pyrene, 4-methyl-	13.198	3.5	ng	160324	5	13.974	920391	20.0
Benzo[b]naphtho...	13.716	2.9	ng	131913	5	13.974	920391	20.0
Benz[a]anthrace...	14.363	4.0	ng	181867	5	13.974	920391	20.0
1,1'-Binaphthalene	14.863	3.5	ng	50070	6	15.463	286076	20.0
Benzo[e]pyrene	15.133	4.8	ng	69273	6	15.463	286076	20.0
Perylene	15.333	16.0	ng	229103	6	15.463	286076	20.0
Pentadecane	15.916	3.0	ng	43299	6	15.463	286076	20.0