

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136560.D
 Acq On : 14 Dec 2023 03:06
 Operator : CG\JU
 Sample : 05726-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	497	500	510	rVB	32889	38963	2.58%	0.181%
2	5.434	565	569	573	rBV	1569771	1509291	100.00%	7.000%
3	6.440	735	740	743	rBV	1523905	1391615	92.20%	6.454%
4	6.792	797	800	804	rBV	452534	402597	26.67%	1.867%
5	7.357	891	896	899	rBV	1072746	899203	59.58%	4.171%
6	8.069	1014	1017	1020	rBV	526617	472412	31.30%	2.191%
7	9.151	1197	1201	1204	rBV	1761173	1471281	97.48%	6.824%
8	9.686	1289	1292	1296	rBV	73443	64516	4.27%	0.299%
9	9.828	1309	1316	1319	rBV	613381	474166	31.42%	2.199%
10	9.857	1319	1321	1327	rVB	34717	32772	2.17%	0.152%
11	10.033	1346	1351	1355	rBV	30295	28686	1.90%	0.133%
12	10.375	1406	1409	1416	rVB	46054	47129	3.12%	0.219%
13	10.622	1447	1451	1463	rVB	983908	889708	58.95%	4.127%
14	10.745	1467	1472	1476	rBV4	42684	64563	4.28%	0.299%
15	10.928	1498	1503	1505	rBV2	19745	26169	1.73%	0.121%
16	11.075	1523	1528	1531	rBV4	17766	29486	1.95%	0.137%
17	11.186	1545	1547	1550	rVV	35781	28898	1.91%	0.134%
18	11.216	1550	1552	1558	rVB2	44888	44676	2.96%	0.207%
19	11.322	1566	1570	1572	rBV	539078	511738	33.91%	2.373%
20	11.345	1572	1574	1577	rVV	371064	299274	19.83%	1.388%
21	11.392	1579	1582	1586	rVV	166729	151280	10.02%	0.702%
22	11.427	1586	1588	1592	rVV	69268	61288	4.06%	0.284%
23	11.475	1593	1596	1599	rVV	71239	65442	4.34%	0.304%
24	11.551	1606	1609	1611	rBV2	30987	29052	1.92%	0.135%
25	11.622	1618	1621	1624	rVB2	34539	30049	1.99%	0.139%
26	11.651	1624	1626	1631	rVB4	22717	28247	1.87%	0.131%
27	11.733	1637	1640	1644	rVB2	31246	34891	2.31%	0.162%
28	11.775	1644	1647	1650	rBV2	27841	27711	1.84%	0.129%
29	11.822	1652	1655	1658	rVV	83234	86848	5.75%	0.403%
30	11.857	1658	1661	1665	rVV2	233303	243840	16.16%	1.131%
31	11.898	1665	1668	1670	rVV	63084	63928	4.24%	0.297%
32	11.939	1671	1675	1682	rVB3	259578	334631	22.17%	1.552%
33	12.057	1692	1695	1697	rBV3	27704	24596	1.63%	0.114%
34	12.122	1700	1706	1708	rVV	78074	96088	6.37%	0.446%
35	12.145	1708	1710	1715	rVB3	47136	50852	3.37%	0.236%
36	12.269	1726	1731	1734	rBV3	46332	57389	3.80%	0.266%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.304	1734	1737	1738	rVV2	30394	29429	1.95%	0.136%
38	12.327	1738	1741	1743	rVB2	32894	33422	2.21%	0.155%
39	12.374	1746	1749	1752	rBV	88499	94594	6.27%	0.439%
40	12.416	1752	1756	1758	rVV2	65933	80279	5.32%	0.372%
41	12.463	1761	1764	1768	rVB2	57348	65710	4.35%	0.305%
42	12.539	1773	1777	1781	rBV	1362349	1173987	77.78%	5.445%
43	12.586	1781	1785	1787	rVV2	41773	41466	2.75%	0.192%
44	12.645	1790	1795	1800	rBV2	51771	94549	6.26%	0.439%
45	12.692	1800	1803	1808	rVB2	44884	44635	2.96%	0.207%
46	12.769	1810	1816	1819	rBV	1222558	1223197	81.04%	5.673%
47	12.821	1822	1825	1830	rVB2	56957	76213	5.05%	0.353%
48	12.886	1833	1836	1838	rBV2	73832	85649	5.67%	0.397%
49	12.916	1838	1841	1848	rVB	1781157	1468156	97.27%	6.809%
50	12.986	1849	1853	1857	rBV2	105581	149607	9.91%	0.694%
51	13.051	1861	1864	1866	rBV2	76884	77363	5.13%	0.359%
52	13.074	1866	1868	1870	rVV3	71503	87111	5.77%	0.404%
53	13.098	1870	1872	1876	rVB	219850	192463	12.75%	0.893%
54	13.163	1880	1883	1886	rVB	158827	149846	9.93%	0.695%
55	13.204	1886	1890	1894	rBV2	169010	187243	12.41%	0.868%
56	13.263	1898	1900	1902	rBV2	31070	30739	2.04%	0.143%
57	13.298	1903	1906	1908	rVB	93406	77452	5.13%	0.359%
58	13.327	1908	1911	1914	rBV	98814	88472	5.86%	0.410%
59	13.610	1957	1959	1965	rVB	89487	104605	6.93%	0.485%
60	13.721	1973	1978	1981	rBV2	121448	159719	10.58%	0.741%
61	13.751	1981	1983	1985	rVV	120205	102657	6.80%	0.476%
62	13.774	1985	1987	1992	rVV2	99549	144782	9.59%	0.672%
63	13.821	1992	1995	1998	rVB2	83396	88313	5.85%	0.410%
64	13.968	2016	2020	2024	rBV2	854166	1273124	84.35%	5.905%
65	14.004	2024	2026	2031	rVB	596079	516502	34.22%	2.396%
66	14.080	2037	2039	2043	rVB	130983	98712	6.54%	0.458%
67	14.121	2043	2046	2048	rBV	46824	55672	3.69%	0.258%
68	14.327	2079	2081	2083	rBV2	53469	53168	3.52%	0.247%
69	14.363	2085	2087	2090	rVV	163175	153128	10.15%	0.710%
70	14.398	2091	2093	2097	rVV	86113	71675	4.75%	0.332%
71	14.457	2100	2103	2106	rVV2	120969	142213	9.42%	0.660%
72	14.486	2106	2108	2110	rVV	83894	84803	5.62%	0.393%
73	14.510	2110	2112	2115	rVB2	83537	72293	4.79%	0.335%
74	14.839	2165	2168	2171	rBV3	97372	109523	7.26%	0.508%
75	15.021	2195	2199	2202	rBV	455122	667726	44.24%	3.097%
76	15.133	2215	2218	2221	rVB	97671	100759	6.68%	0.467%

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

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.333	2248	2252	2257	rVB	242045	323731	21.45%	1.501%
78	15.392	2258	2262	2268	rVB	393208	485928	32.20%	2.254%
79	15.457	2269	2273	2276	rVV	273082	337596	22.37%	1.566%
80	15.486	2276	2278	2285	rVB2	112896	161732	10.72%	0.750%
81	16.957	2523	2528	2537	rVB2	166769	342550	22.70%	1.589%
82	17.409	2601	2605	2619	rVB	110295	244791	16.22%	1.135%

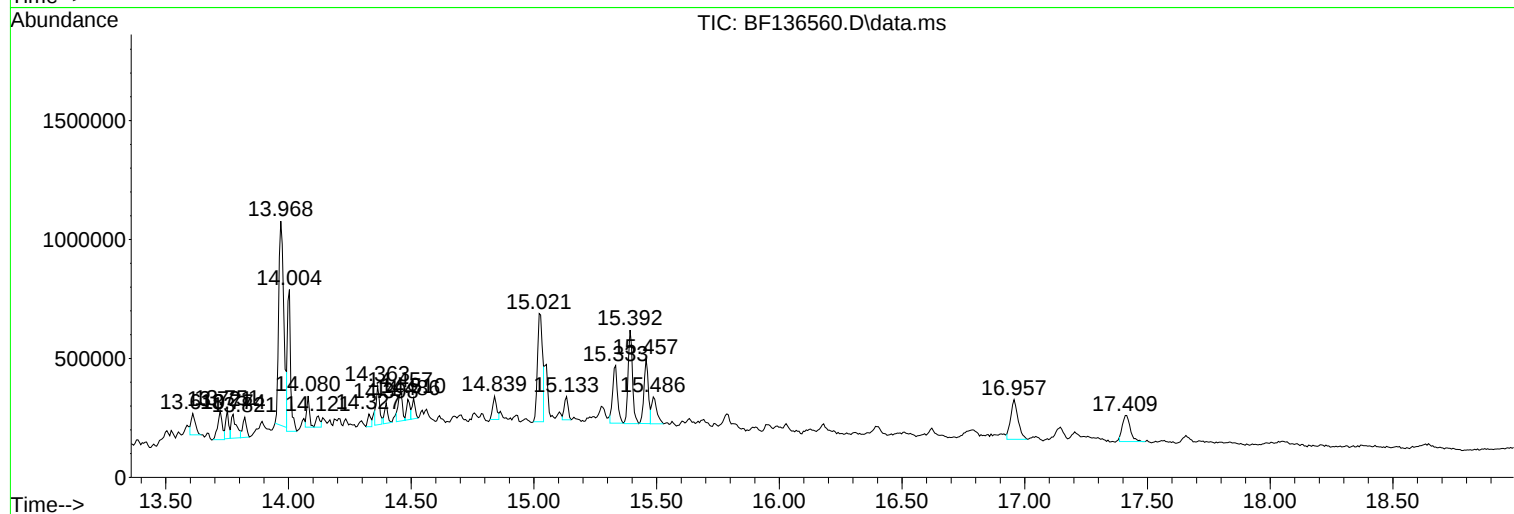
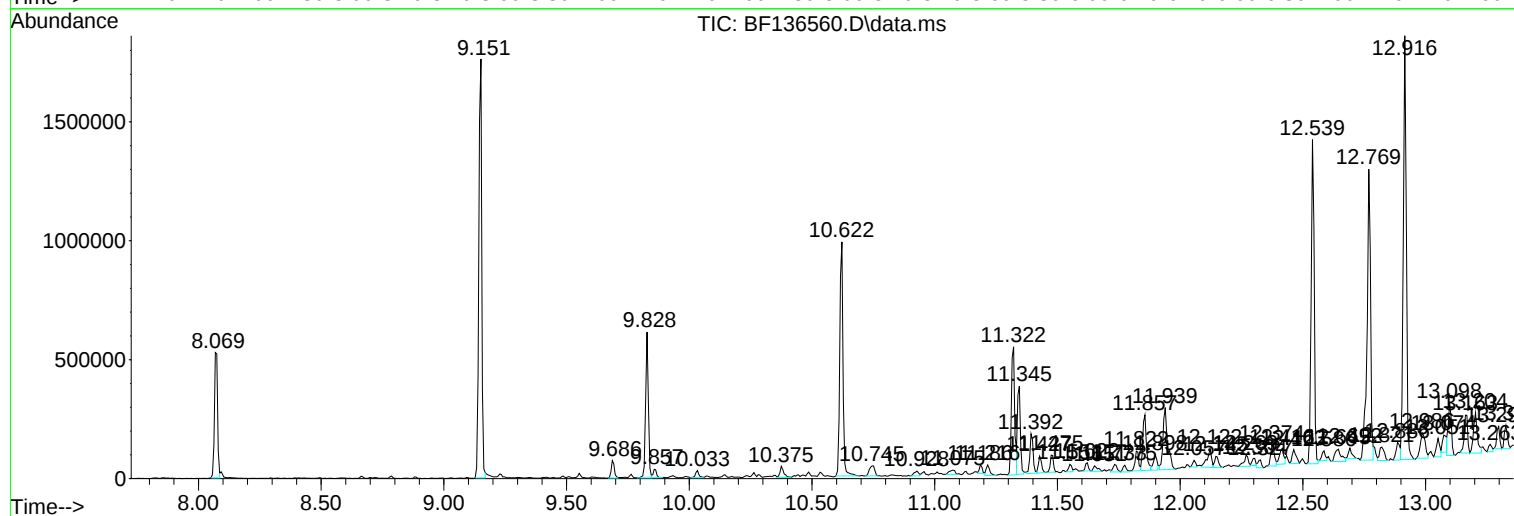
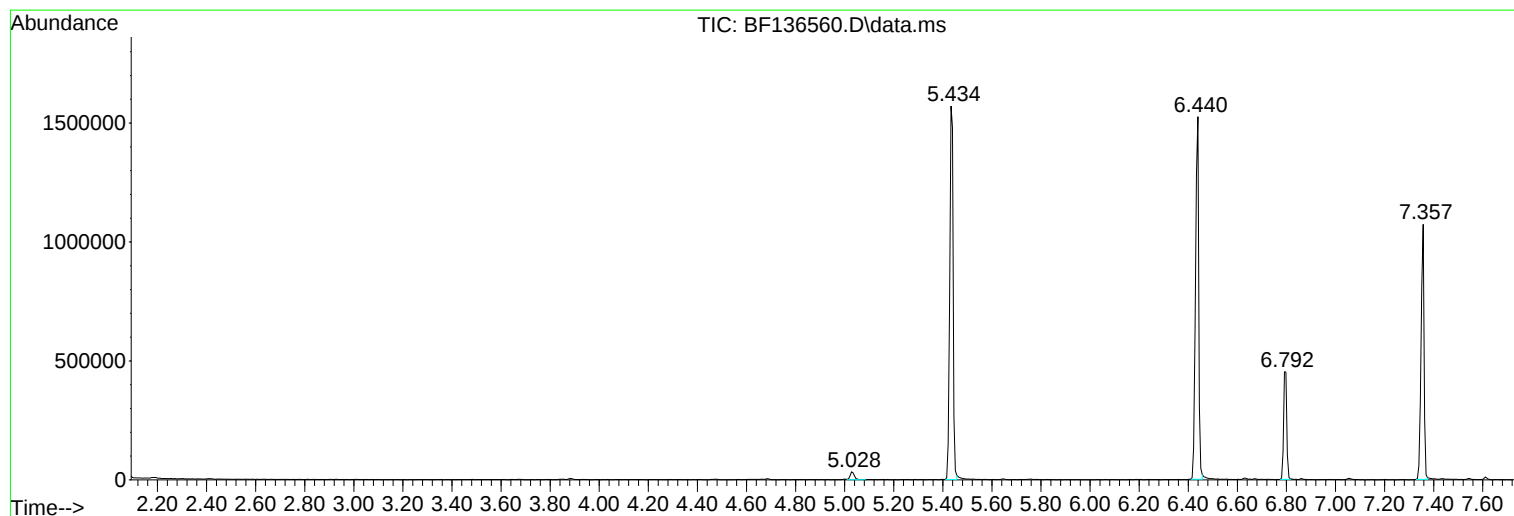
Sum of corrected areas: 21560559

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

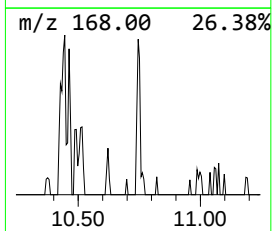
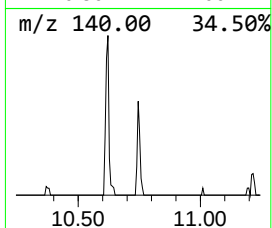
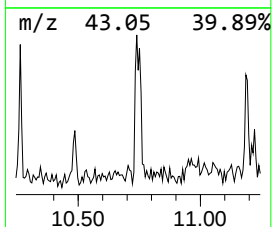
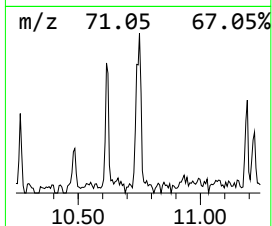
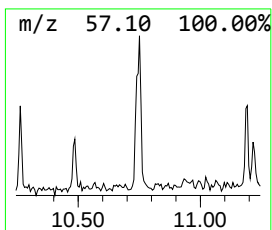
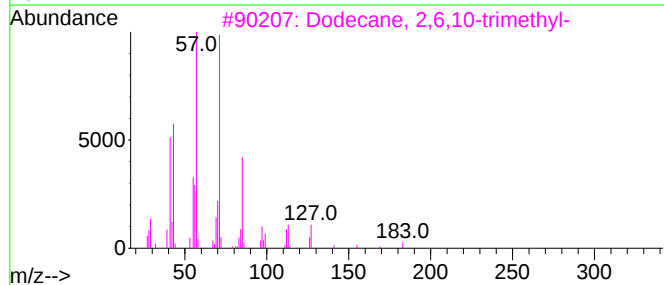
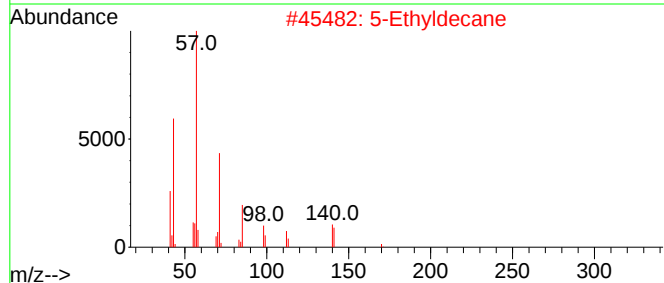
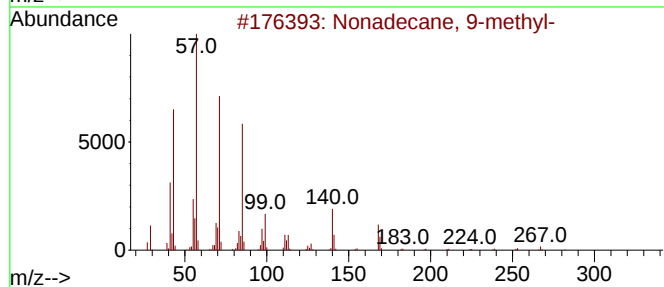
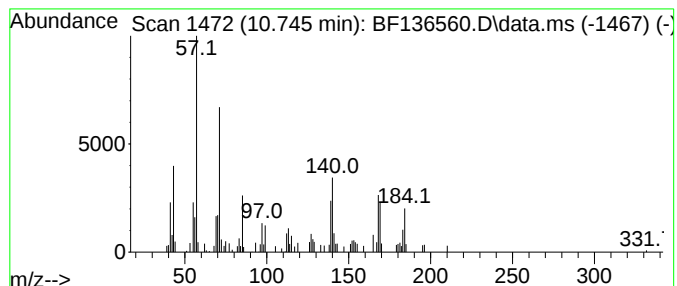
Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown10.745 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.745	2.52 ng	64563	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	35
2	5-Ethyldecane	170	C12H26	017302-36-2	30
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	25
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	22
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	22



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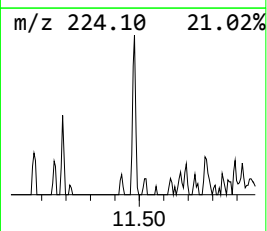
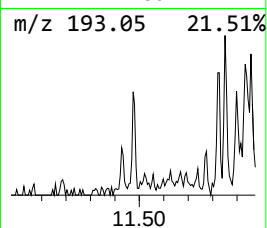
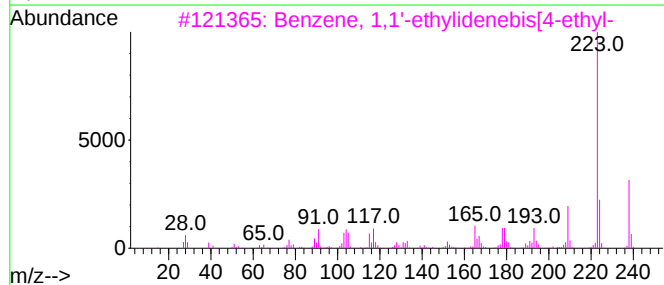
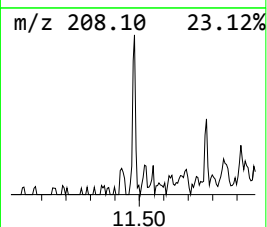
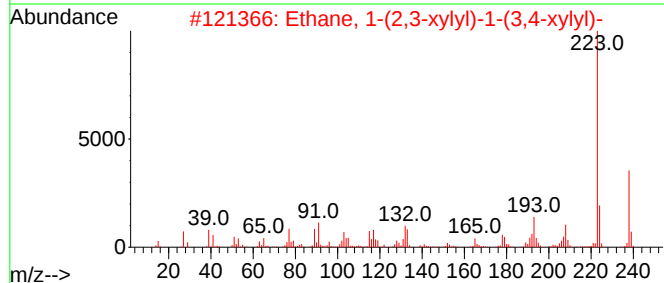
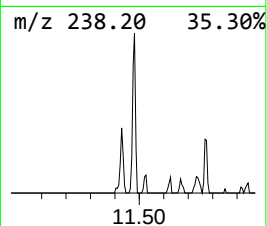
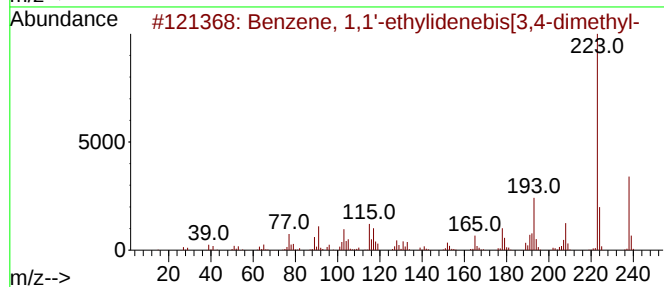
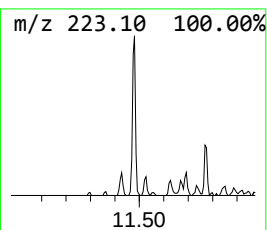
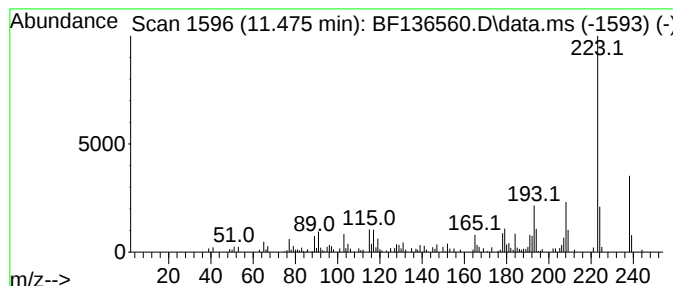
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,1'-ethylidenebis... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.475	2.56 ng	65442	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	97
2			Ethane, 1-(2,3-xylyl)-1-(3,4-xyl...	238	C18H22	002816-98-0	76
3			Benzene, 1,1'-ethylidenebis[4-et...	238	C18H22	010224-91-6	70
4			N-(4-Ethylphenyl)-1,3-benzoxazol...	238	C15H14N2O	770710-42-4	58
5			4-Isopropylxanthen-9-one	238	C16H14O2	1000210-33-1	53



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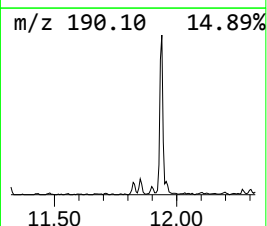
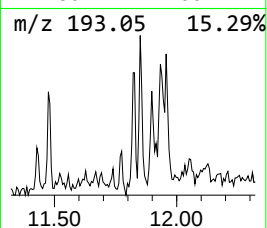
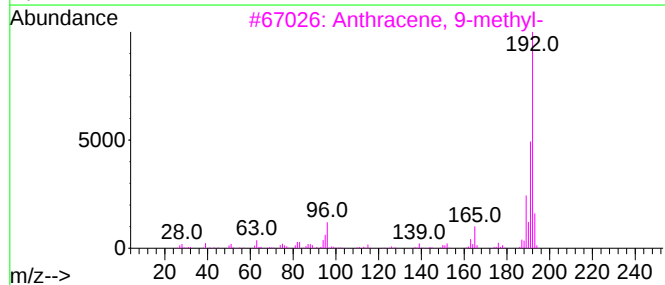
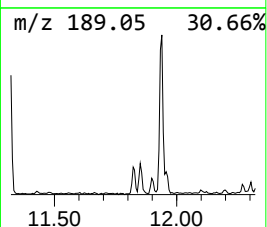
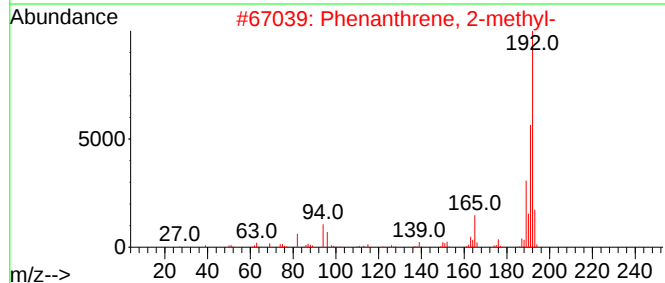
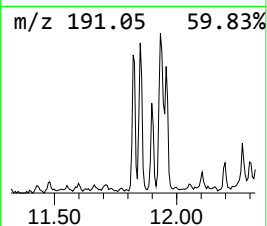
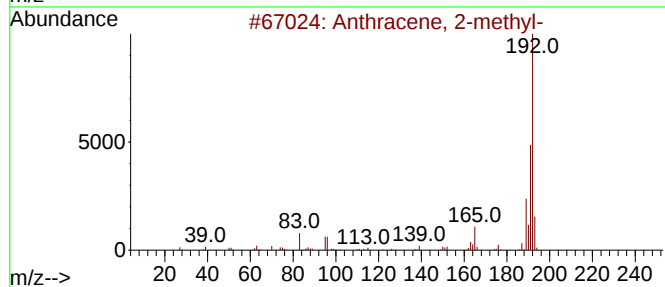
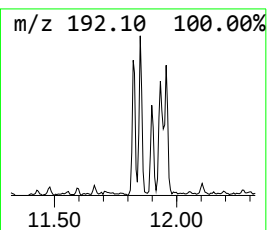
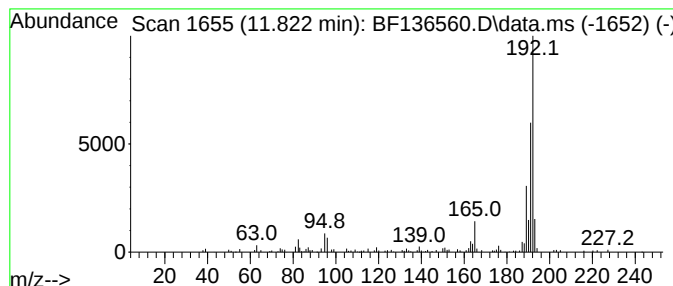
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.39 ng	86848	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



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WC-1

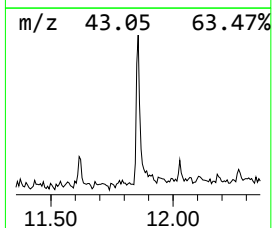
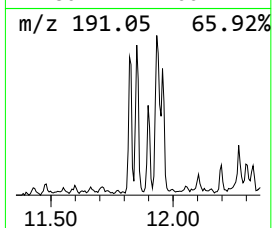
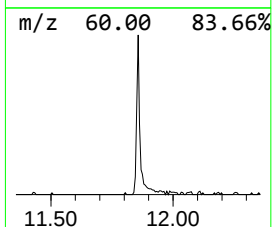
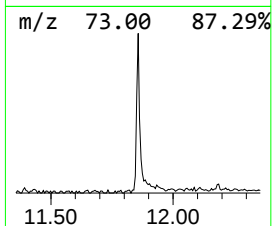
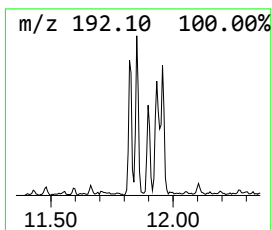
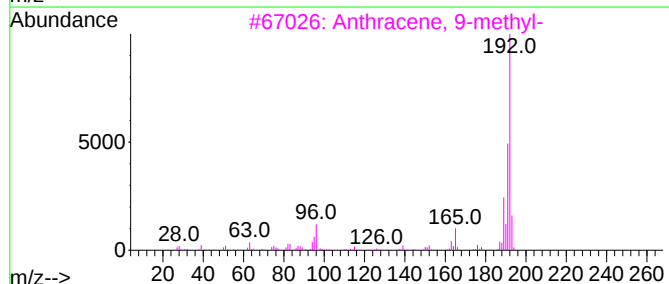
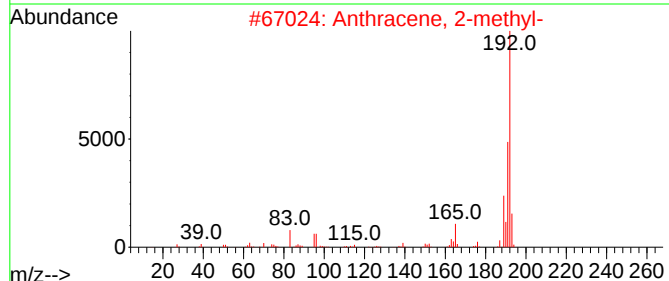
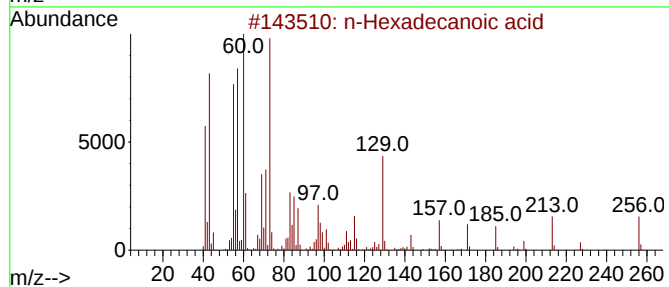
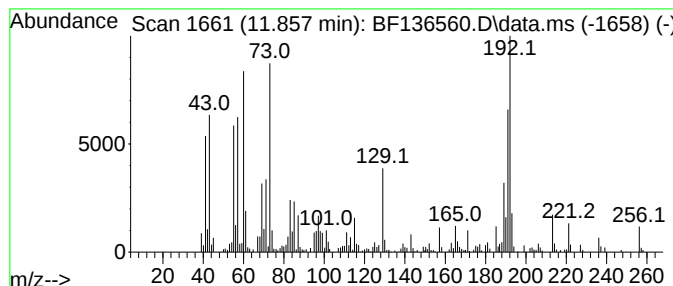
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	9.53 ng	243840	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	52
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

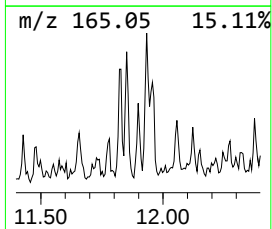
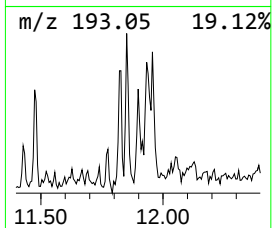
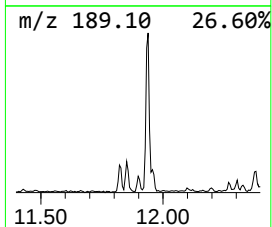
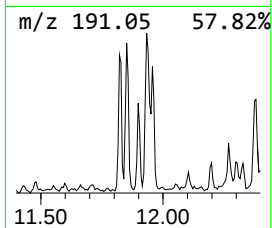
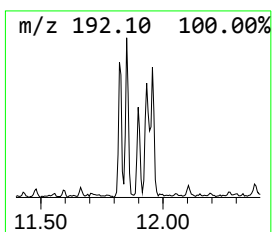
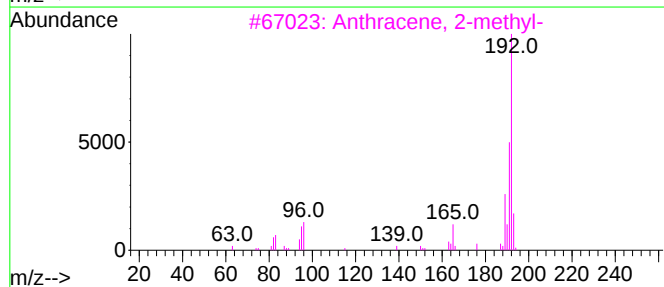
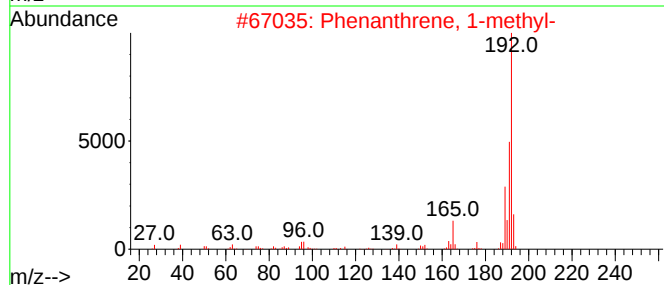
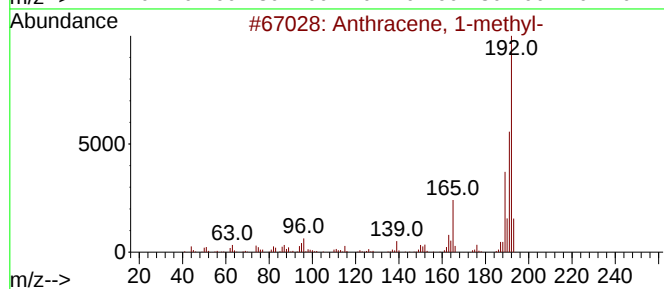
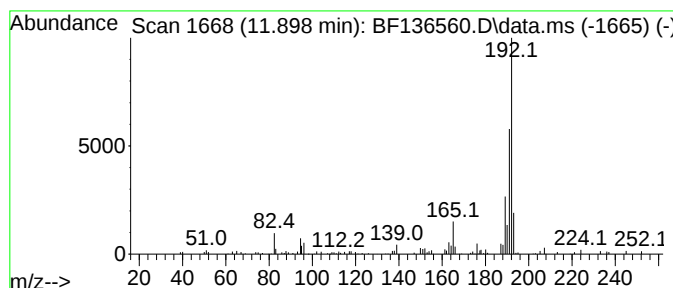
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.898	2.50 ng	63928	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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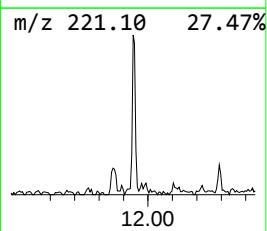
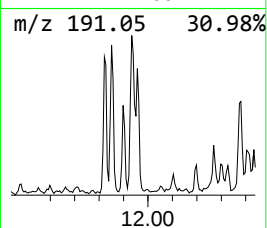
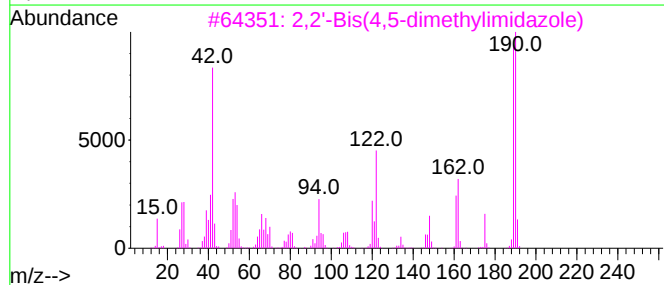
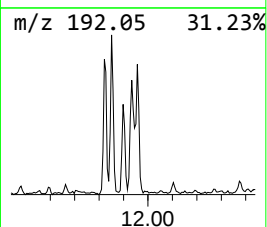
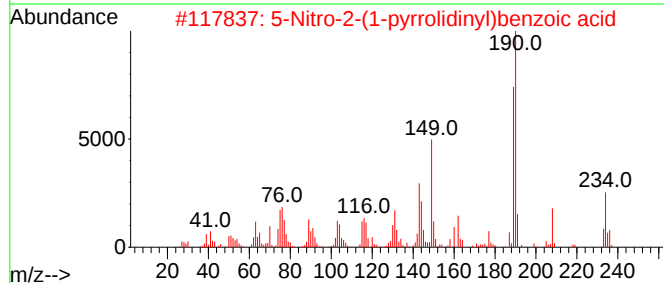
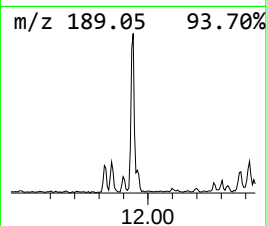
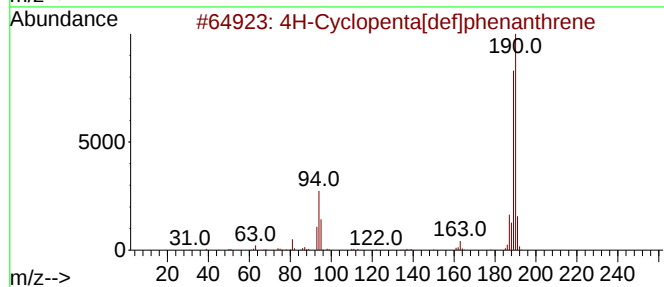
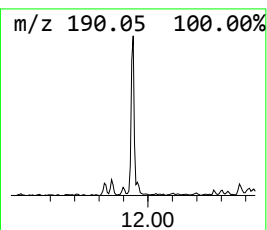
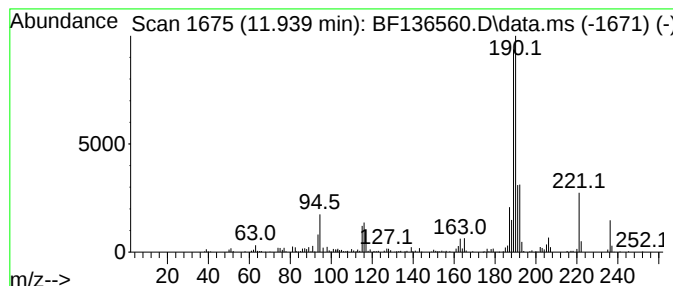
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	13.08 ng	334631	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2			5-Nitro-2-(1-pyrrolidiny)benzoi...	236	C11H12N2O4	019555-48-7	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4			Methyl 2-chloro-5-nitrothiophene...	221	C6H4ClNO4S	1000436-96-2	38
5			Methyl diselenide	190	C2H6Se2	007101-31-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
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Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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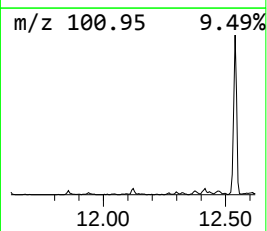
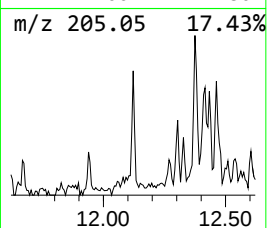
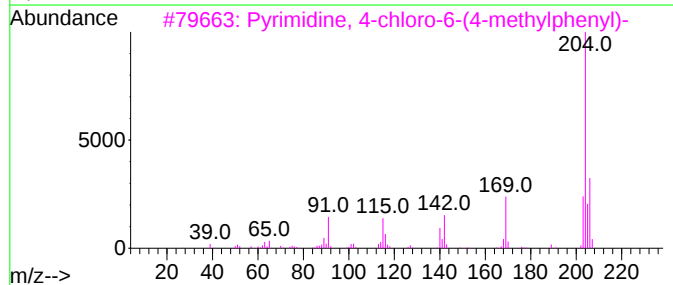
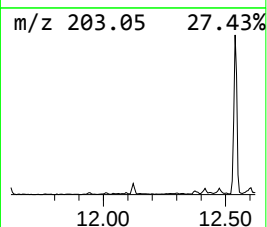
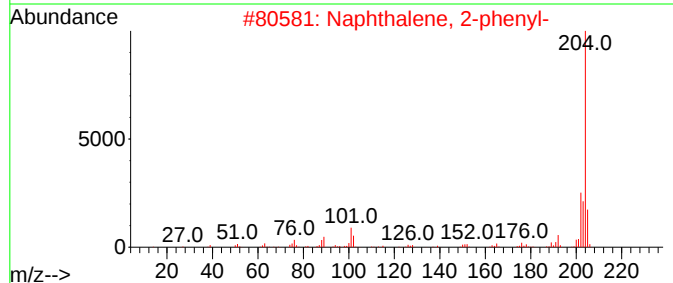
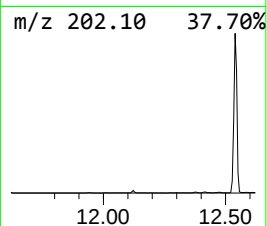
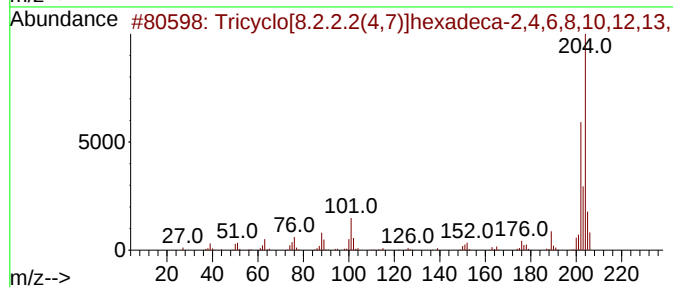
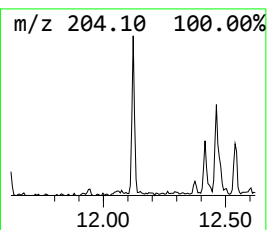
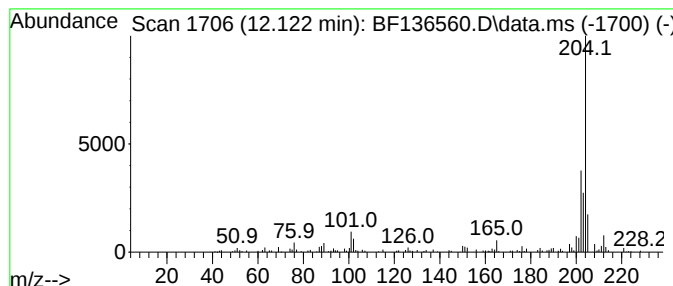
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	3.76 ng	96088	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3			Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	53
4			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52
5			5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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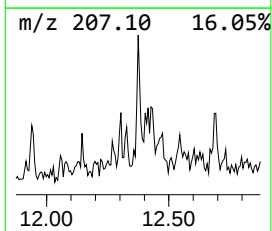
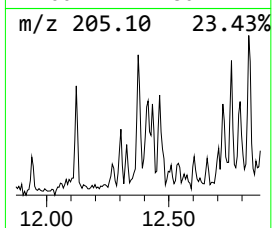
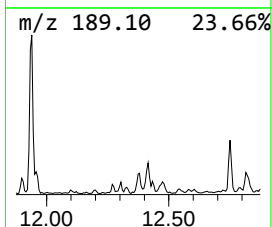
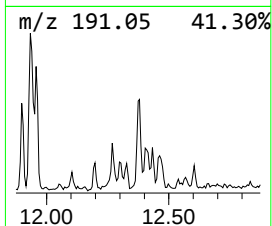
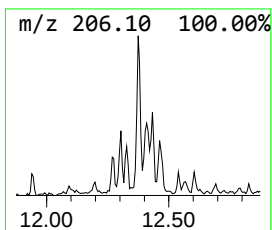
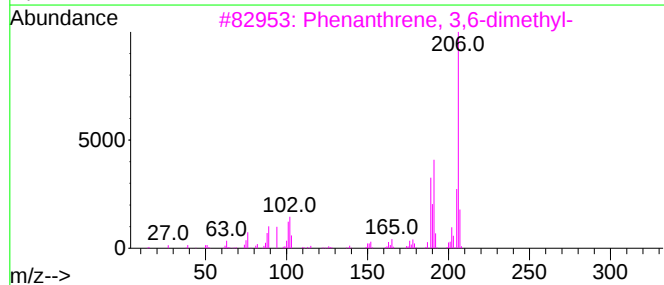
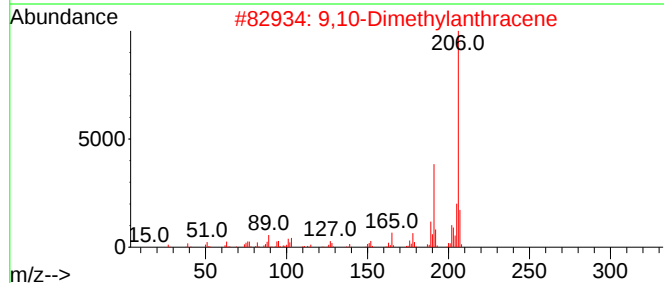
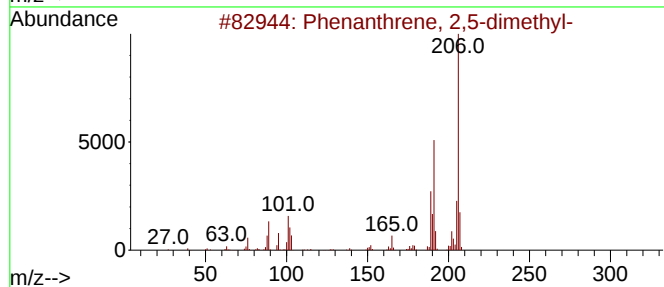
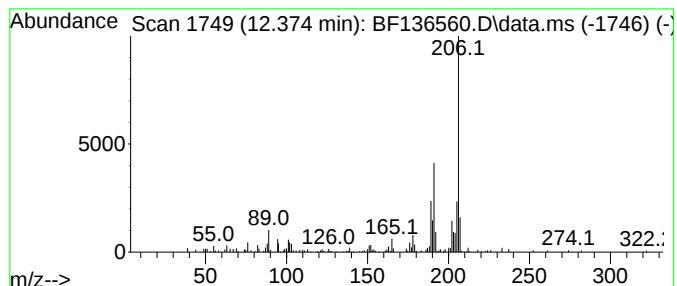
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.70 ng	94594	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
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ClientSampleId :
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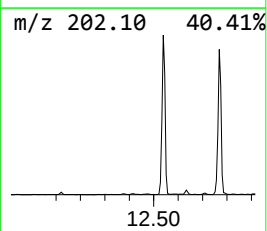
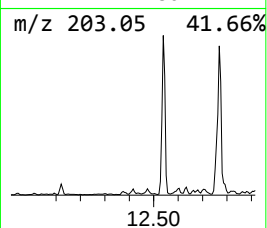
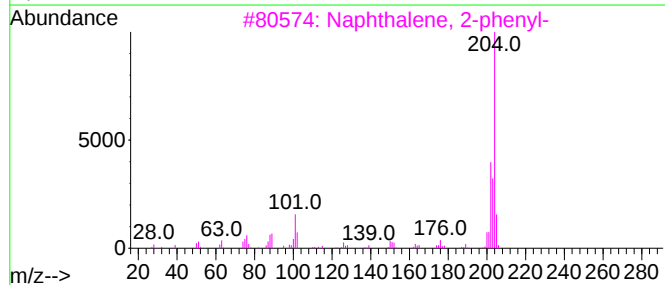
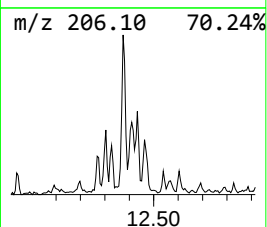
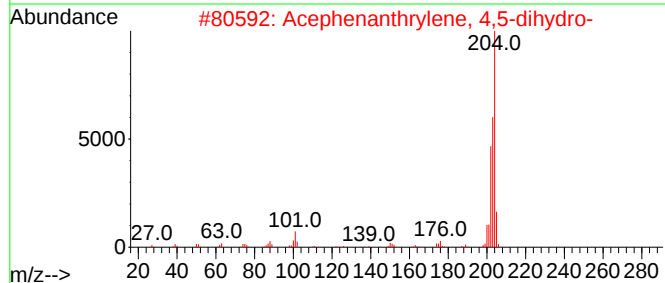
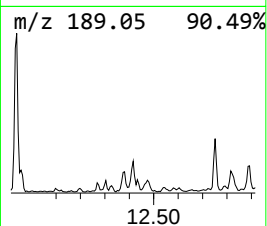
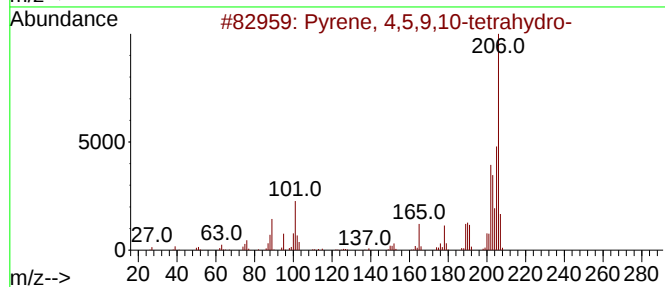
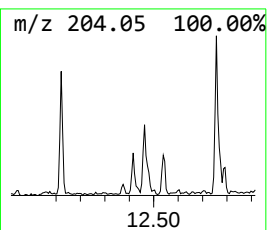
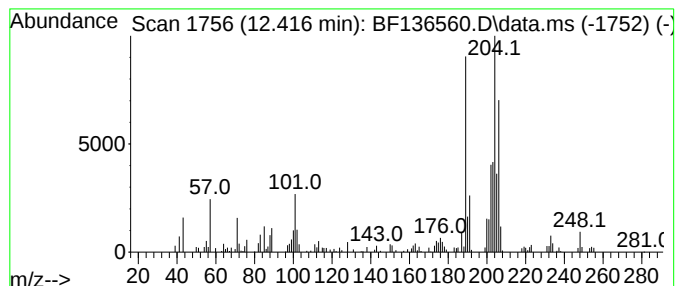
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown12.416 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.14 ng	80279	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	44		
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38		
4	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	38		
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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Acq On : 14 Dec 2023 03:06
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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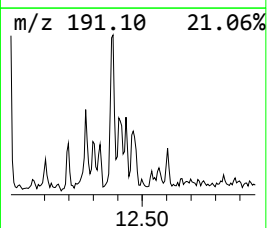
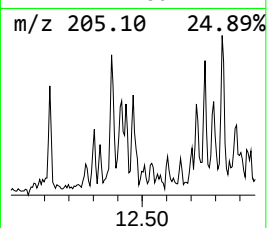
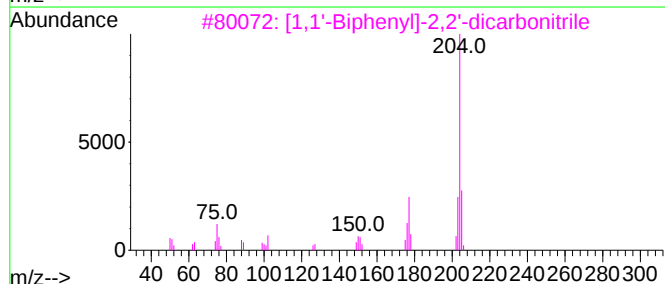
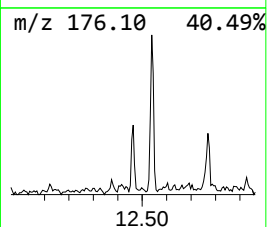
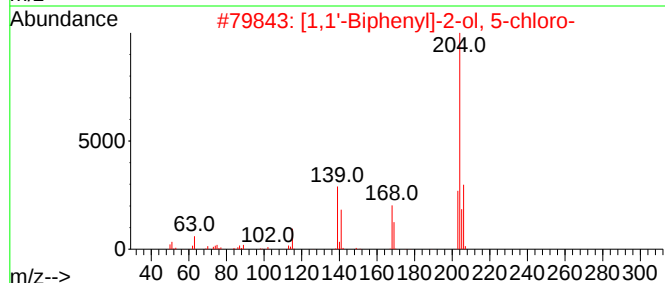
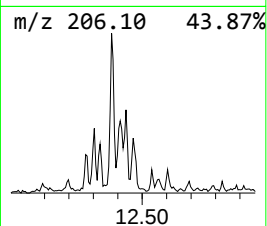
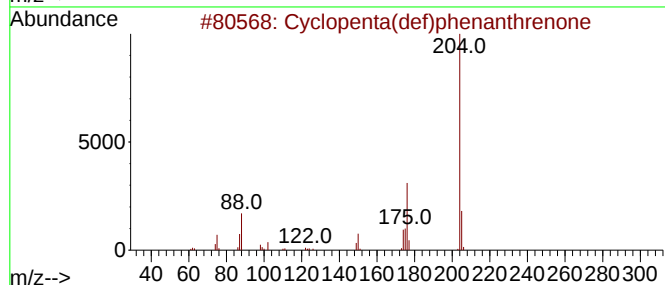
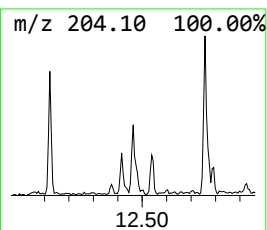
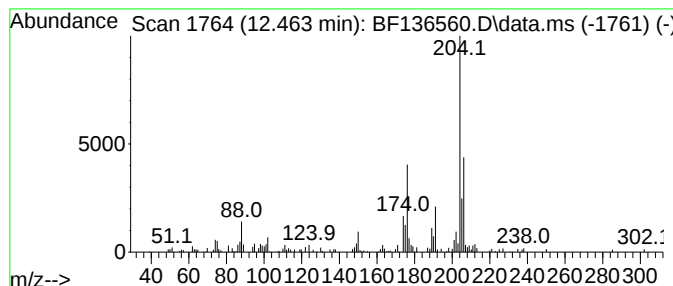
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.57 ng	65710	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	53
2			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	43
5			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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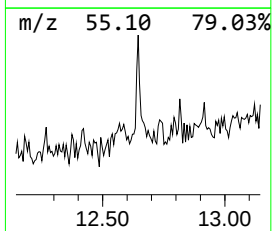
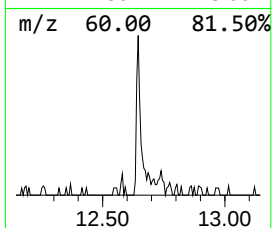
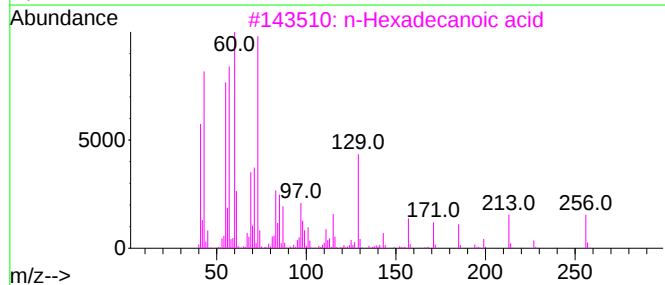
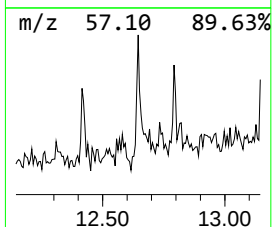
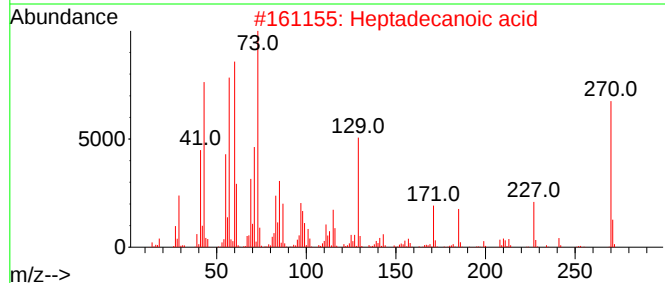
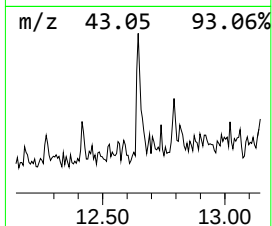
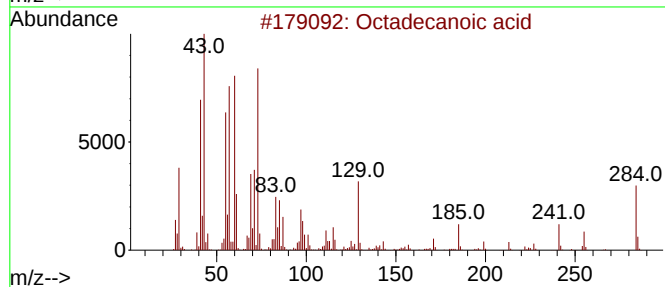
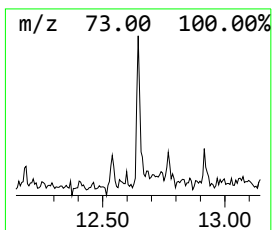
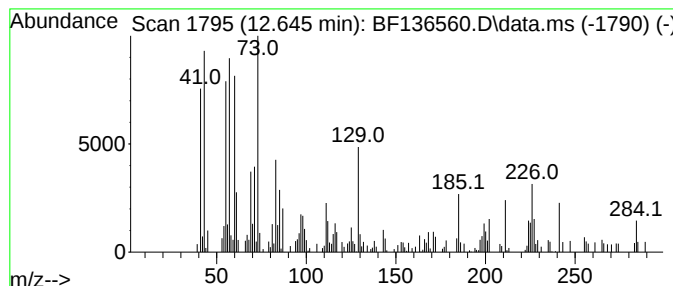
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	3.70 ng	94549	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Heptadecanoic acid	270	C17H34O2	000506-12-7	78
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Dodecanoic acid	200	C12H24O2	000143-07-7	55
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
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Misc :
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Instrument :
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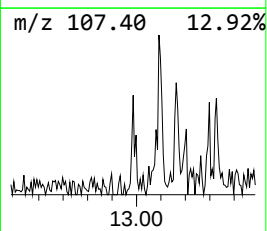
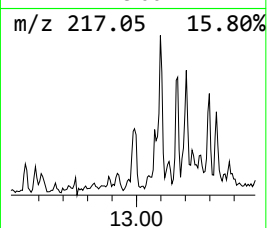
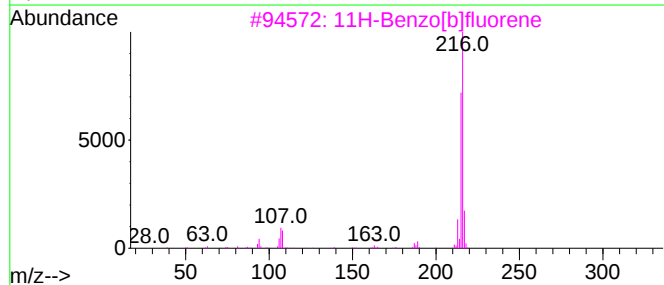
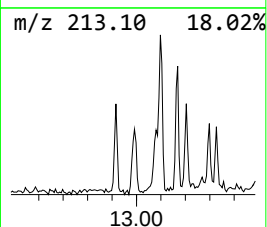
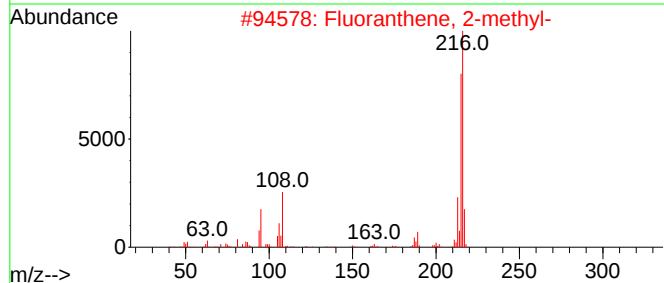
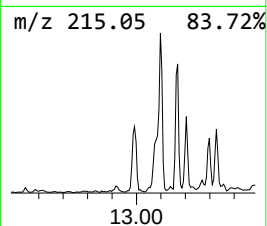
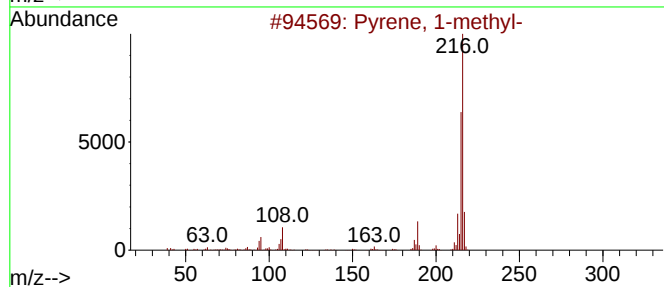
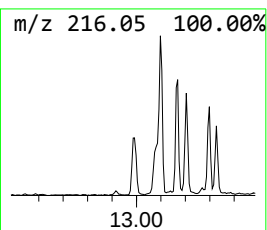
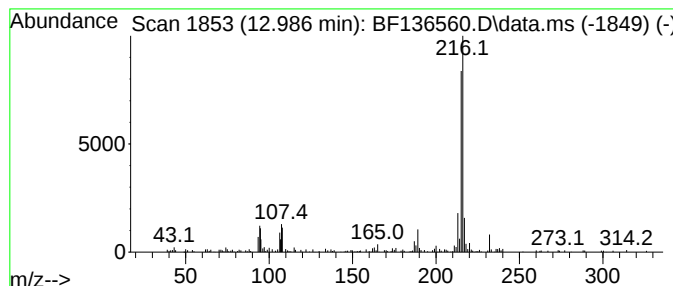
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.986	2.35 ng	149607	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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Acq On : 14 Dec 2023 03:06
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Misc :
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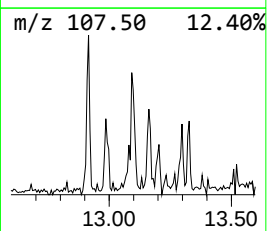
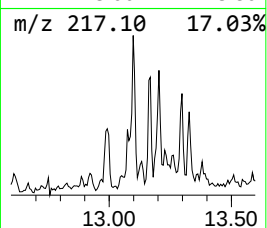
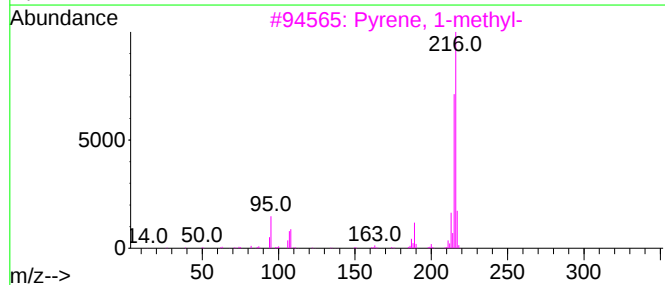
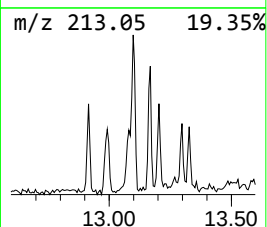
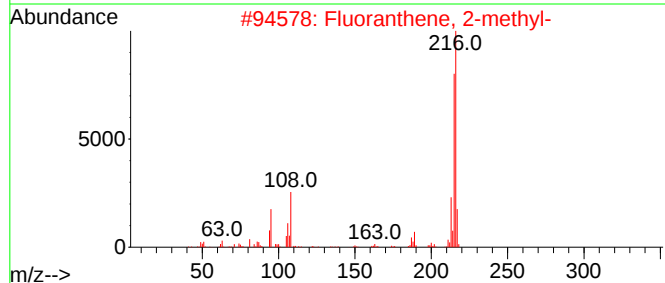
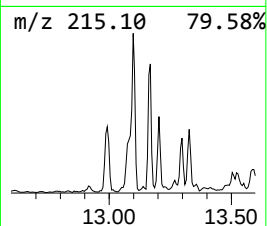
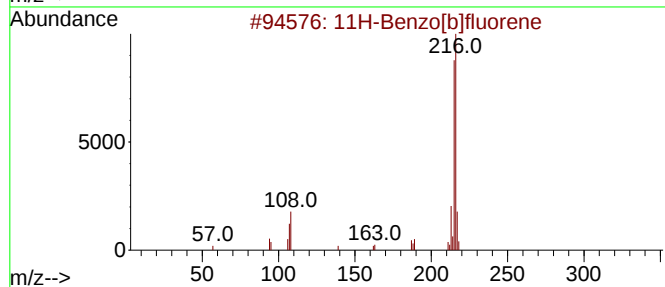
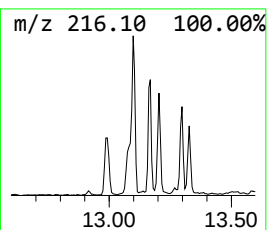
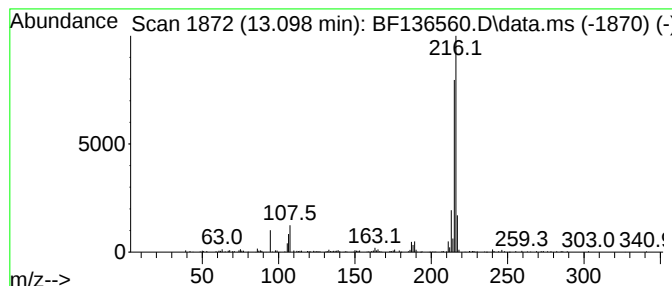
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.02 ng	192463	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
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Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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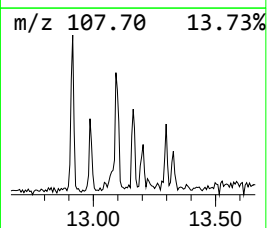
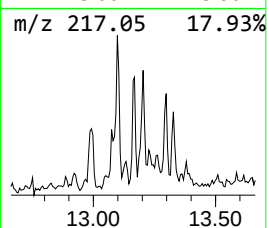
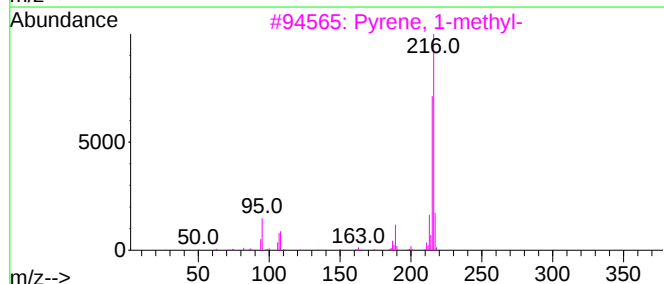
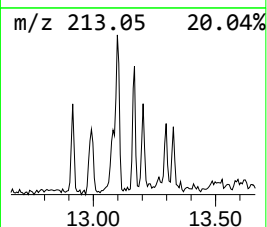
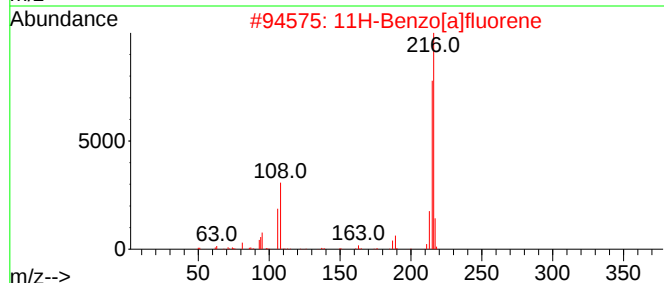
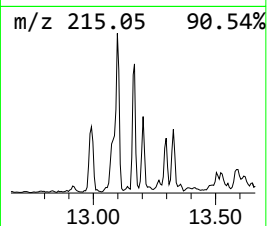
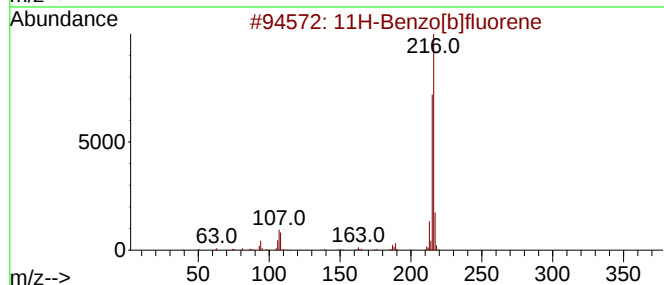
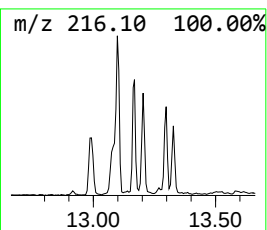
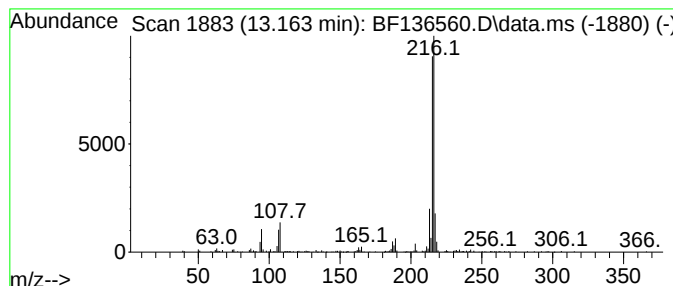
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.35 ng	149846	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
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Misc :
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Instrument :
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ClientSampleId :
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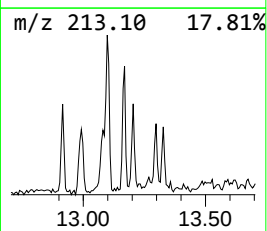
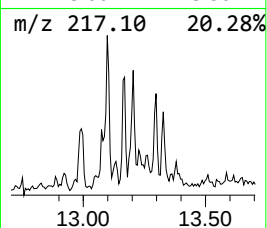
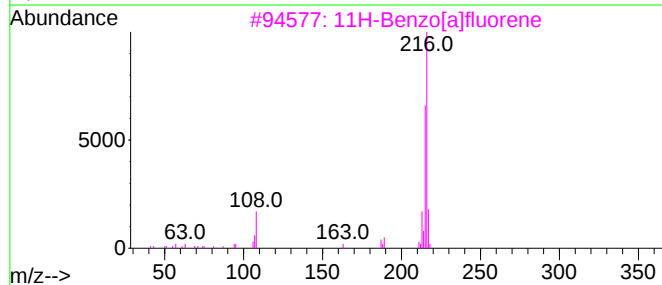
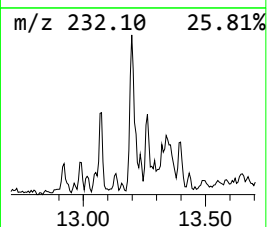
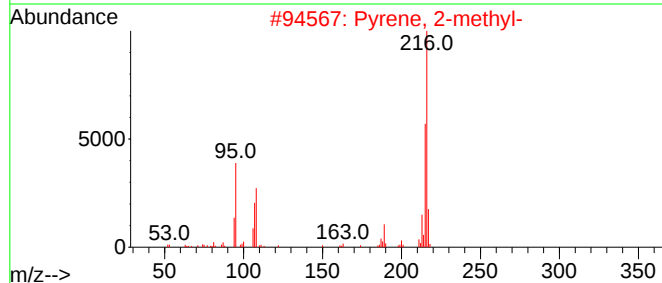
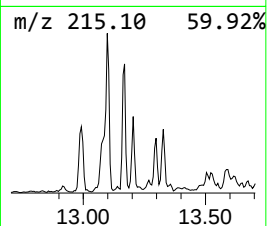
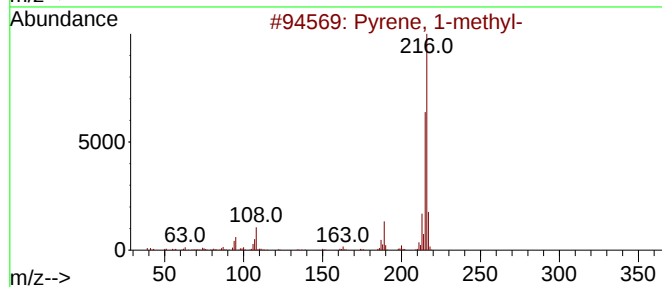
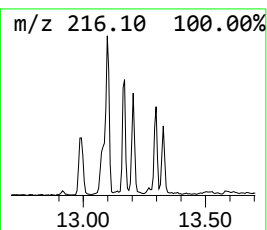
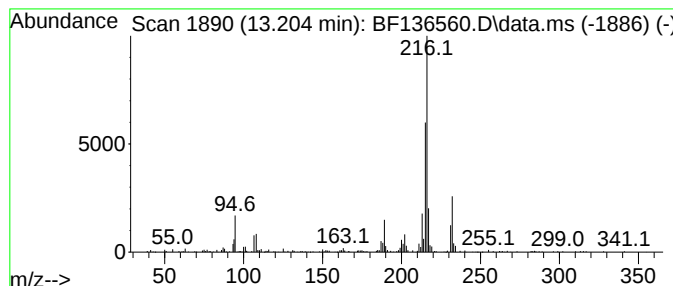
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.94 ng	187243	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93		
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90		
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70		
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64		
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
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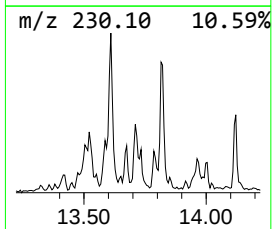
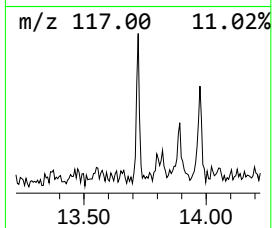
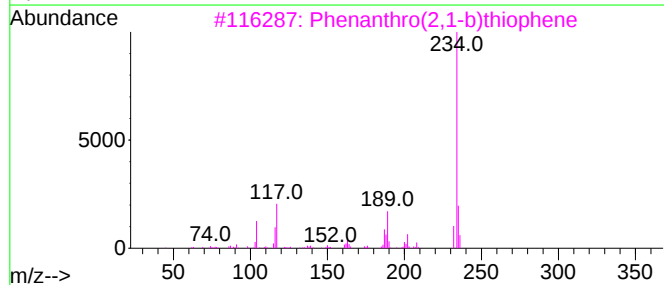
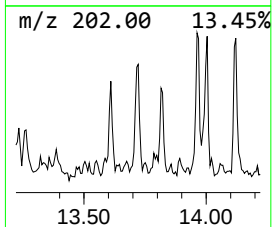
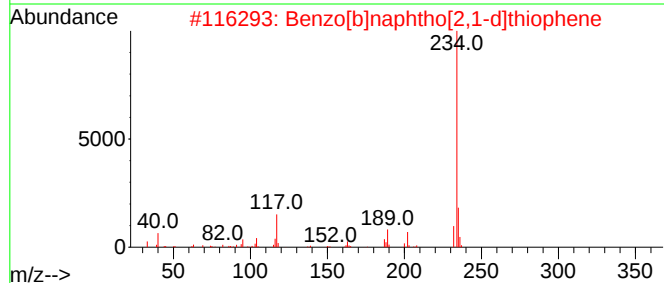
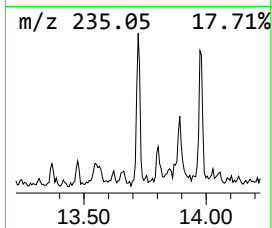
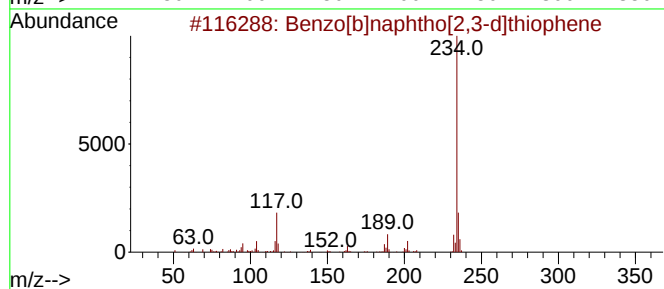
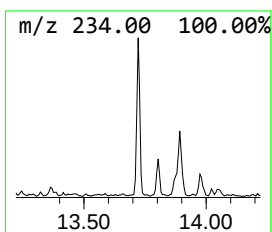
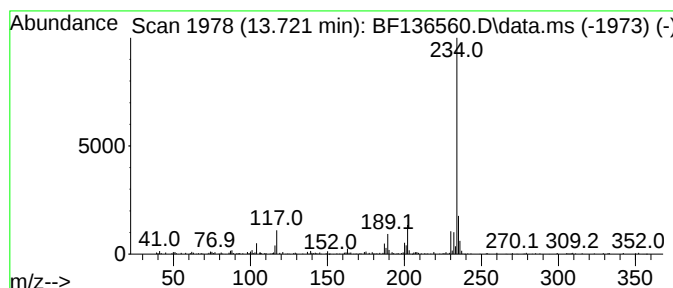
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	2.51 ng	159719	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	91
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3			Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	76
4			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	72
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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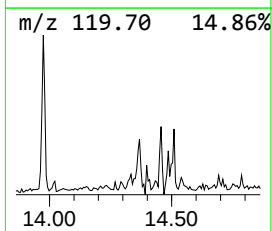
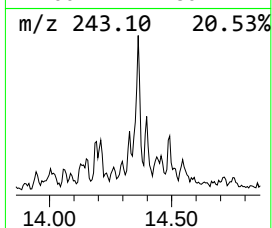
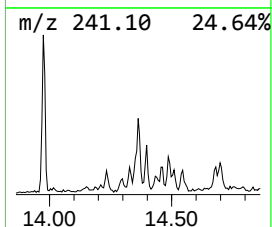
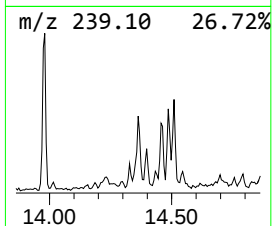
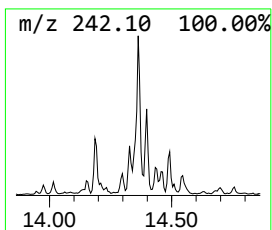
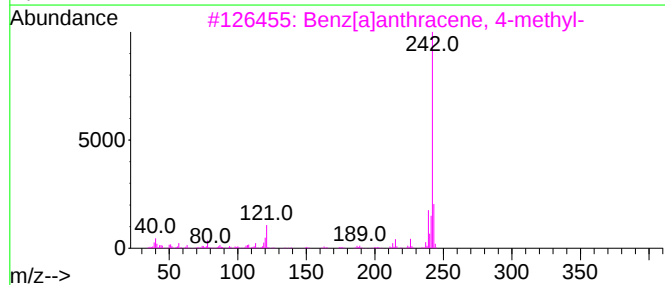
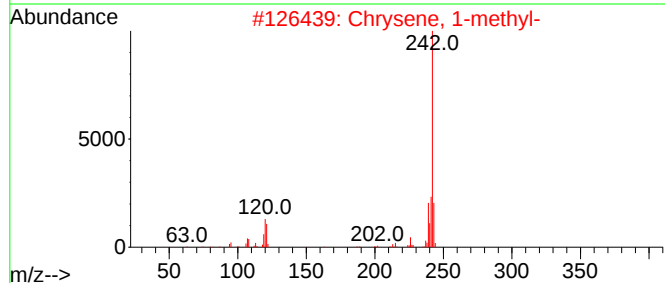
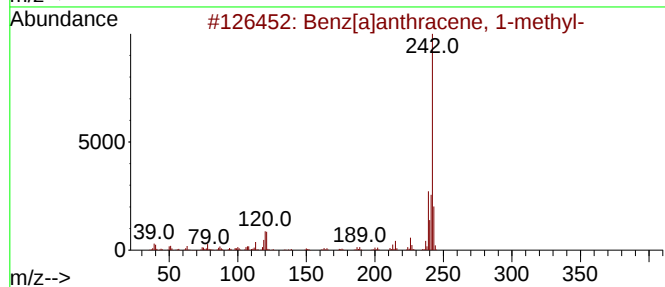
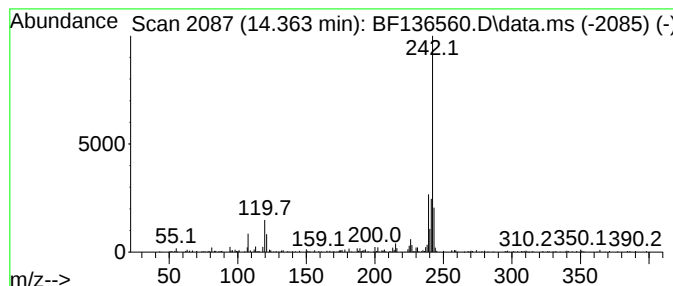
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	2.41 ng	153128	Chrysene-d12	13.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3			Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	92
4			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5			Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

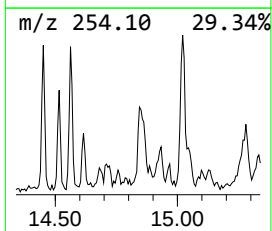
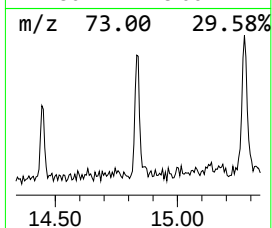
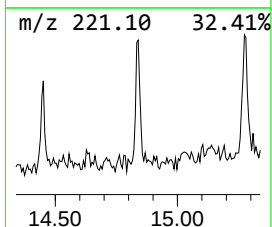
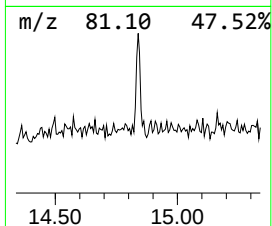
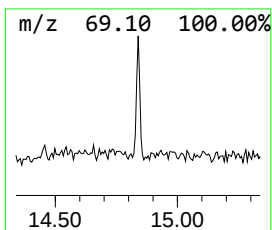
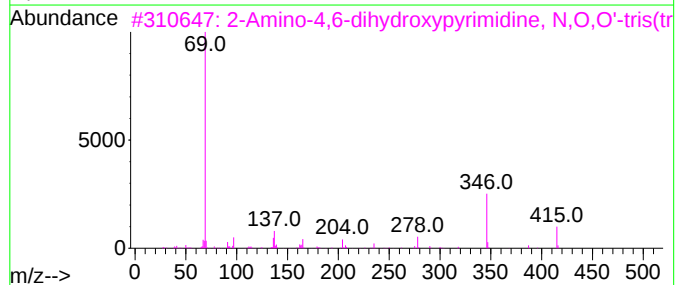
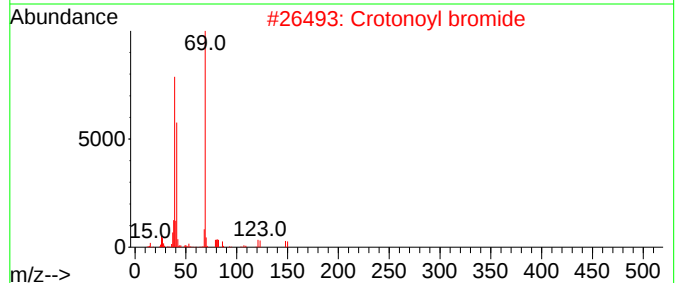
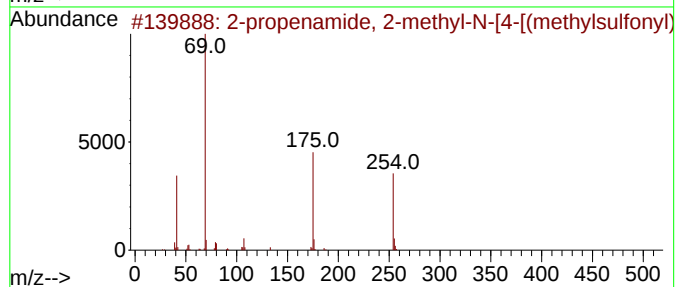
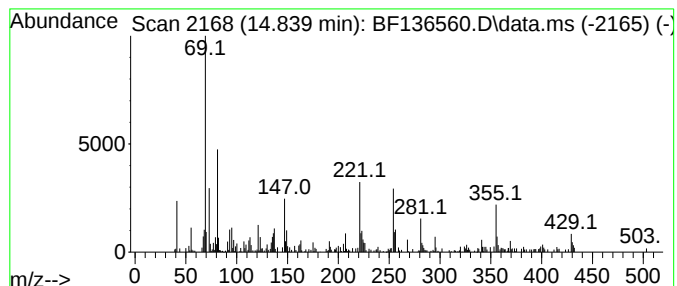
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.839 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	6.49 ng	109523	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	43		
2	Crotonoyl bromide	148	C4H5BrO	055600-70-9	27		
3	2-Amino-4,6-dihydropyrimidine,...	415	C10H2F9N3O5	1000375-76-1	16		
4	2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2	013861-22-8	16		
5	Acetic acid, 2-[4-(4-oxo-2-thiox...	256	C13H12N4O2	1000265-00-3	12		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

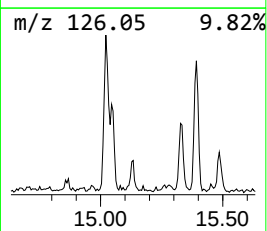
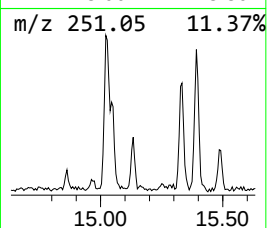
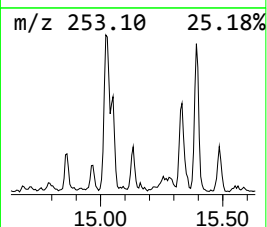
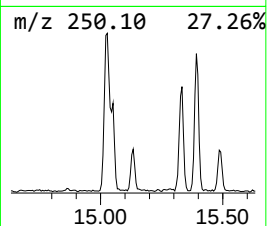
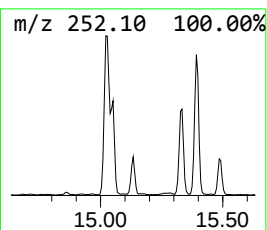
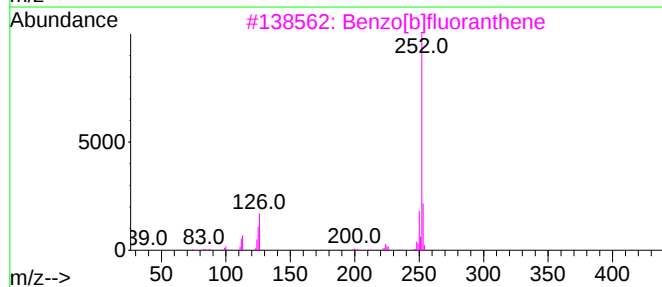
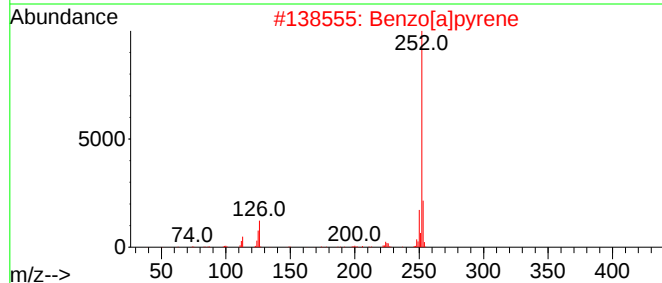
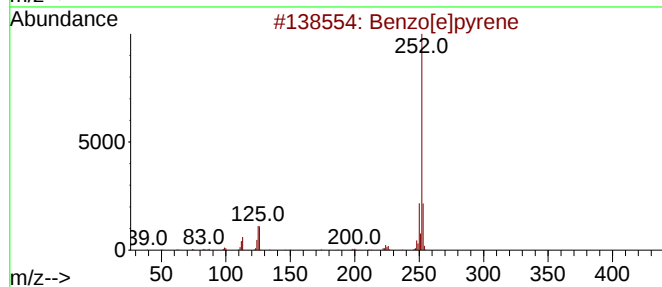
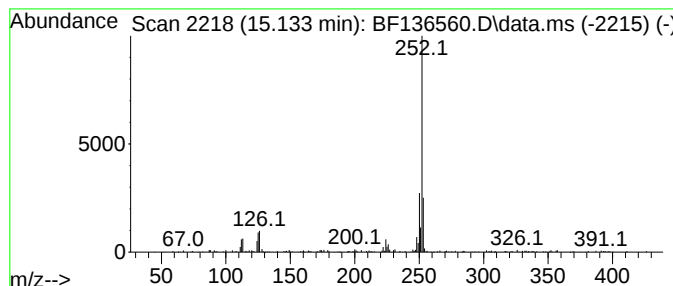
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	5.97 ng	100759	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	90
2			Benzo[a]pyrene	252	C20H12	000050-32-8	90
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

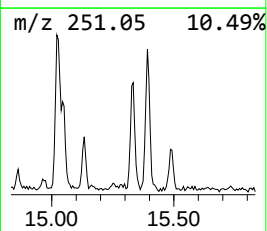
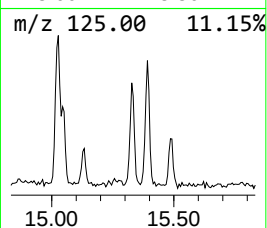
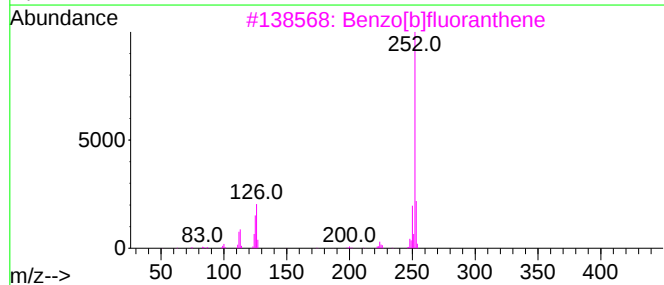
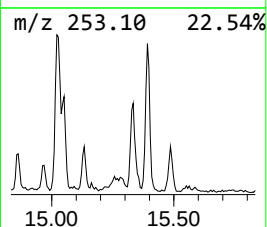
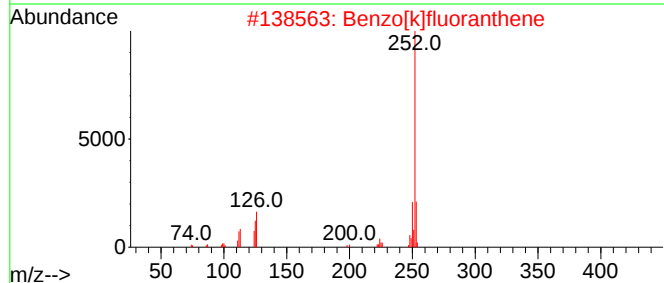
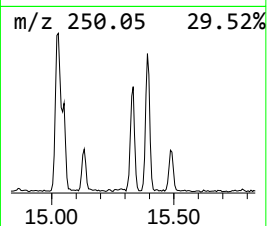
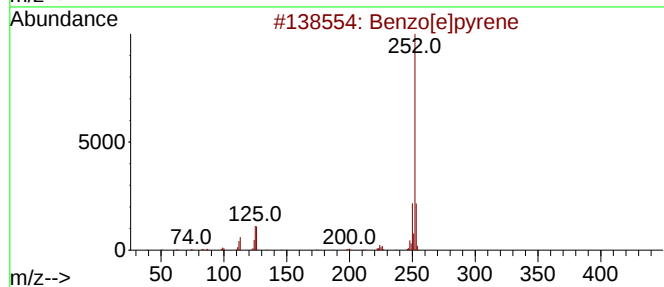
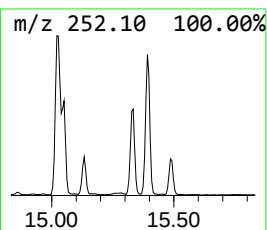
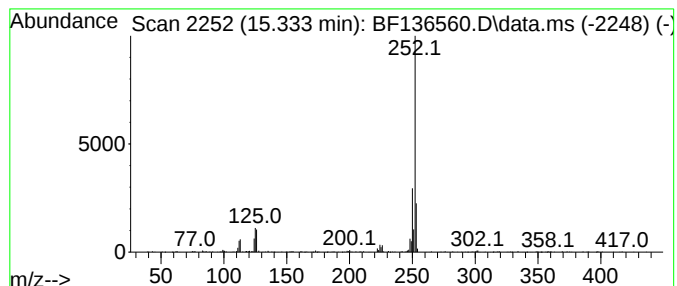
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.333	19.18 ng	323731	Perylene-d12	15.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
Data File : BF136560.D
Acq On : 14 Dec 2023 03:06
Operator : CG\JU
Sample : 05726-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
unknown10.745	10.745	2.5	ng	64563	4	11.322	511738	20.0
Benzene, 1,1'-e...	11.475	2.6	ng	65442	4	11.322	511738	20.0
Anthracene, 2-m...	11.822	3.4	ng	86848	4	11.322	511738	20.0
n-Hexadecanoic ...	11.857	9.5	ng	243840	4	11.322	511738	20.0
Anthracene, 1-m...	11.898	2.5	ng	63928	4	11.322	511738	20.0
4H-Cyclopenta[d...	11.939	13.1	ng	334631	4	11.322	511738	20.0
Tricyclo[8.2.2....	12.121	3.8	ng	96088	4	11.322	511738	20.0
Phenanthrene, 2...	12.374	3.7	ng	94594	4	11.322	511738	20.0
unknown12.416	12.416	3.1	ng	80279	4	11.322	511738	20.0
Cyclopenta(def)...	12.463	2.6	ng	65710	4	11.322	511738	20.0
Octadecanoic acid	12.645	3.7	ng	94549	4	11.322	511738	20.0
Pyrene, 1-methyl-	12.986	2.4	ng	149607	5	13.974	1273120	20.0
11H-Benzo[b]flu...	13.098	3.0	ng	192463	5	13.974	1273120	20.0
11H-Benzo[a]flu...	13.163	2.4	ng	149846	5	13.974	1273120	20.0
Pyrene, 2-methyl-	13.204	2.9	ng	187243	5	13.974	1273120	20.0
Benzo[b]naphtho...	13.721	2.5	ng	159719	5	13.974	1273120	20.0
Benz[a]anthrace...	14.363	2.4	ng	153128	5	13.974	1273120	20.0
unknown14.839	14.839	6.5	ng	109523	6	15.457	337596	20.0
Benzo[e]pyrene	15.133	6.0	ng	100759	6	15.457	337596	20.0
Perylene	15.333	19.2	ng	323731	6	15.457	337596	20.0