

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136256.D
 Acq On : 28 Nov 2023 18:57
 Operator : CG\JU
 Sample : 05492-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

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-BF112723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136256.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	497	502	508	rVB	499824	585764	11.52%	0.802%
2	5.440	565	570	573	rBV	3405689	3087401	60.73%	4.228%
3	6.440	734	740	742	rBV	2785524	3076058	60.50%	4.213%
4	6.804	798	802	805	rBV	1064107	843114	16.58%	1.155%
5	7.363	892	897	900	rBV	2325667	1919969	37.76%	2.630%
6	8.081	1015	1019	1021	rBV	1323515	1112224	21.88%	1.523%
7	8.098	1021	1022	1028	rVB	185987	117427	2.31%	0.161%
8	8.892	1152	1157	1160	rBV	112984	102584	2.02%	0.140%
9	9.157	1198	1202	1205	rBV	4656811	3801272	74.77%	5.206%
10	9.492	1255	1259	1261	rVV	128625	113952	2.24%	0.156%
11	9.692	1290	1293	1299	rVB	210599	178147	3.50%	0.244%
12	9.834	1312	1317	1320	rBV	1327597	1164747	22.91%	1.595%
13	9.869	1320	1323	1326	rVB	675901	510497	10.04%	0.699%
14	10.039	1348	1352	1356	rVB	290166	230146	4.53%	0.315%
15	10.386	1407	1411	1416	rVB	558254	498253	9.80%	0.682%
16	10.451	1416	1422	1424	rBV	85566	114799	2.26%	0.157%
17	10.545	1435	1438	1443	rVB	140809	137739	2.71%	0.189%
18	10.628	1443	1452	1456	rBV	2070206	1793114	35.27%	2.456%
19	10.934	1498	1504	1507	rBV3	131775	193667	3.81%	0.265%
20	11.063	1521	1526	1528	rBV3	81979	92747	1.82%	0.127%
21	11.128	1535	1537	1542	rVB	180205	166219	3.27%	0.228%
22	11.175	1542	1545	1549	rVV2	83223	111637	2.20%	0.153%
23	11.222	1551	1553	1559	rVB	219483	190263	3.74%	0.261%
24	11.328	1567	1571	1573	rBV	1005587	907331	17.85%	1.243%
25	11.357	1573	1576	1579	rVV	4874531	3834933	75.43%	5.252%
26	11.404	1579	1584	1587	rVV	1255002	990064	19.47%	1.356%
27	11.433	1587	1589	1593	rVB2	105066	95206	1.87%	0.130%
28	11.557	1604	1610	1613	rBV2	411357	431625	8.49%	0.591%
29	11.833	1651	1657	1659	rBV	465343	418239	8.23%	0.573%
30	11.863	1659	1662	1666	rVV2	699471	714299	14.05%	0.978%
31	11.904	1666	1669	1672	rVV	237000	222781	4.38%	0.305%
32	11.945	1672	1676	1678	rVV	820771	799839	15.73%	1.095%
33	11.963	1678	1679	1684	rVB	270387	220218	4.33%	0.302%
34	12.128	1704	1707	1709	rBV	288532	264561	5.20%	0.362%
35	12.151	1709	1711	1715	rVB	232546	180822	3.56%	0.248%
36	12.280	1727	1733	1736	rBV	100364	108084	2.13%	0.148%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.386	1747	1751	1754	rBV	217101	240921	4.74%	0.330%
38	12.428	1754	1758	1760	rVV2	103962	135046	2.66%	0.185%
39	12.469	1763	1765	1771	rVB2	190668	209822	4.13%	0.287%
40	12.557	1775	1780	1783	rBV	5566103	5084027	100.00%	6.963%
41	12.610	1784	1789	1792	rBV2	80284	117289	2.31%	0.161%
42	12.698	1801	1804	1808	rVV2	142370	152577	3.00%	0.209%
43	12.780	1812	1818	1823	rBV2	3921826	4890218	96.19%	6.698%
44	12.828	1823	1826	1831	rVB2	191364	212838	4.19%	0.292%
45	12.898	1834	1838	1839	rBV	266515	224355	4.41%	0.307%
46	12.928	1839	1843	1849	rVB	3062301	2661334	52.35%	3.645%
47	12.998	1849	1855	1858	rBV2	277812	457848	9.01%	0.627%
48	13.080	1863	1869	1871	rBV3	245457	341408	6.72%	0.468%
49	13.110	1871	1874	1877	rVB	713340	649198	12.77%	0.889%
50	13.175	1882	1885	1887	rBV2	564975	458446	9.02%	0.628%
51	13.210	1887	1891	1894	rVV2	442097	438760	8.63%	0.601%
52	13.239	1894	1896	1899	rVB	128356	105838	2.08%	0.145%
53	13.304	1903	1907	1910	rBV2	185400	156525	3.08%	0.214%
54	13.333	1910	1912	1916	rBV2	204212	196011	3.86%	0.268%
55	13.416	1922	1926	1932	rBV4	256565	281370	5.53%	0.385%
56	13.516	1935	1943	1945	rBV7	183668	370226	7.28%	0.507%
57	13.616	1953	1960	1965	rBV	391156	525018	10.33%	0.719%
58	13.727	1974	1979	1982	rBV2	437947	532684	10.48%	0.730%
59	13.757	1982	1984	1986	rVV	388512	364608	7.17%	0.499%
60	13.780	1986	1988	1989	rVV	333082	284543	5.60%	0.390%
61	13.827	1992	1996	1999	rVV2	412282	521554	10.26%	0.714%
62	13.857	1999	2001	2004	rVV2	89858	129967	2.56%	0.178%
63	13.898	2006	2008	2014	rVV	127887	150159	2.95%	0.206%
64	13.980	2014	2022	2025	rVV2	2861021	4236095	83.32%	5.802%
65	14.016	2025	2028	2033	rVB	2413202	2337587	45.98%	3.202%
66	14.092	2038	2041	2043	rVV	411384	393664	7.74%	0.539%
67	14.127	2043	2047	2049	rVV2	123795	190859	3.75%	0.261%
68	14.174	2051	2055	2057	rVV	242871	292916	5.76%	0.401%
69	14.198	2057	2059	2060	rVV	178568	179042	3.52%	0.245%
70	14.210	2060	2061	2064	rVV	281106	203389	4.00%	0.279%
71	14.310	2074	2078	2080	rVV3	113170	178834	3.52%	0.245%
72	14.333	2080	2082	2084	rVV	185221	179262	3.53%	0.246%
73	14.369	2084	2088	2091	rVV	522624	649397	12.77%	0.889%
74	14.404	2091	2094	2098	rVV	286581	341310	6.71%	0.467%
75	14.439	2098	2100	2102	rVV2	96521	119454	2.35%	0.164%
76	14.463	2102	2104	2107	rVV2	320861	368070	7.24%	0.504%

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77	14.498	2107	2110	2111	rVV	288067	304467	5.99%	0.417%
78	14.516	2111	2113	2117	rVV4	336179	417979	8.22%	0.572%
79	14.551	2117	2119	2121	rVV2	125444	157961	3.11%	0.216%
80	14.569	2121	2122	2129	rVB2	155975	160615	3.16%	0.220%
81	14.680	2137	2141	2144	rBV3	181103	236944	4.66%	0.325%
82	14.763	2152	2155	2157	rBV2	101723	97252	1.91%	0.133%
83	14.869	2167	2173	2176	rBV2	153633	275231	5.41%	0.377%
84	14.939	2181	2185	2188	rBV2	87452	112262	2.21%	0.154%
85	15.039	2196	2202	2205	rBV	2003271	3419503	67.26%	4.683%
86	15.145	2216	2220	2224	rVB	429132	487129	9.58%	0.667%
87	15.233	2231	2235	2236	rBV2	106014	119440	2.35%	0.164%
88	15.292	2242	2245	2248	rBV3	80707	90766	1.79%	0.124%
89	15.345	2248	2254	2260	rVB	1106152	1543648	30.36%	2.114%
90	15.410	2260	2265	2270	rBV	1707528	2071948	40.75%	2.838%
91	15.469	2270	2275	2278	rBV	632627	798476	15.71%	1.094%
92	15.498	2278	2280	2287	rVB2	481474	660721	13.00%	0.905%
93	16.033	2369	2371	2376	rVB2	87432	113439	2.23%	0.155%
94	16.792	2494	2500	2506	rVB4	85021	204335	4.02%	0.280%
95	16.968	2524	2530	2539	rVB2	468497	958282	18.85%	1.312%
96	17.151	2555	2561	2566	rBV	105953	207854	4.09%	0.285%
97	17.210	2566	2571	2576	rBV2	65189	136112	2.68%	0.186%
98	17.421	2600	2607	2625	rVB	329506	779685	15.34%	1.068%
99	17.668	2642	2649	2660	rVB2	127208	361661	7.11%	0.495%
100	18.180	2730	2736	2751	rVB6	135840	406260	7.99%	0.556%

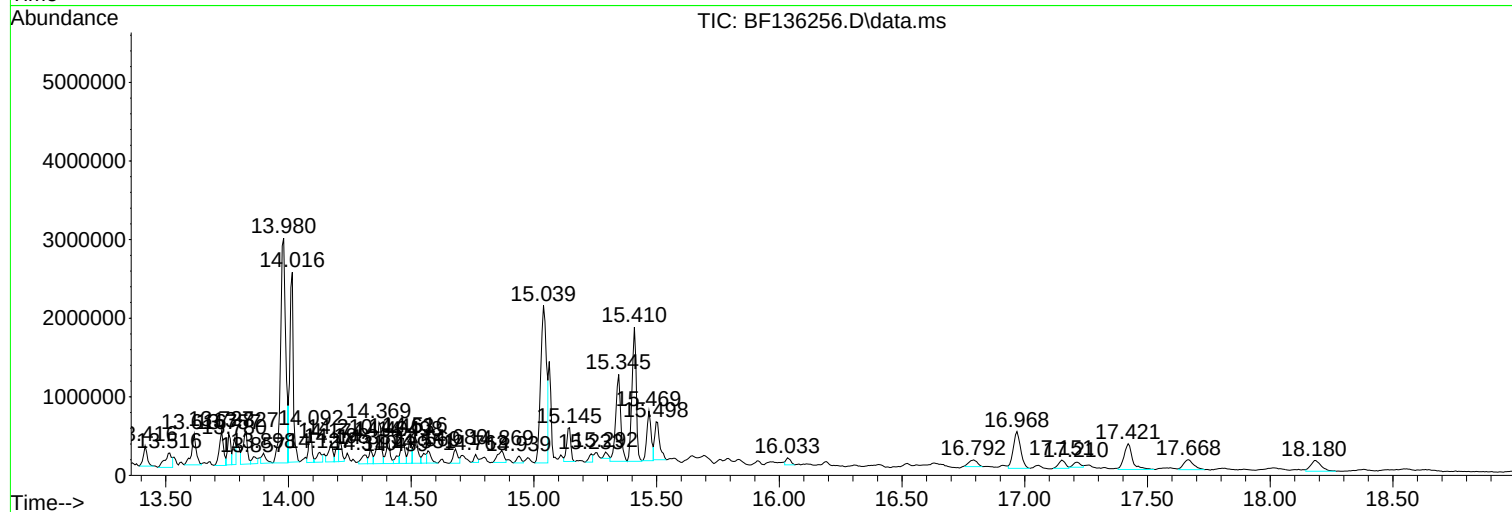
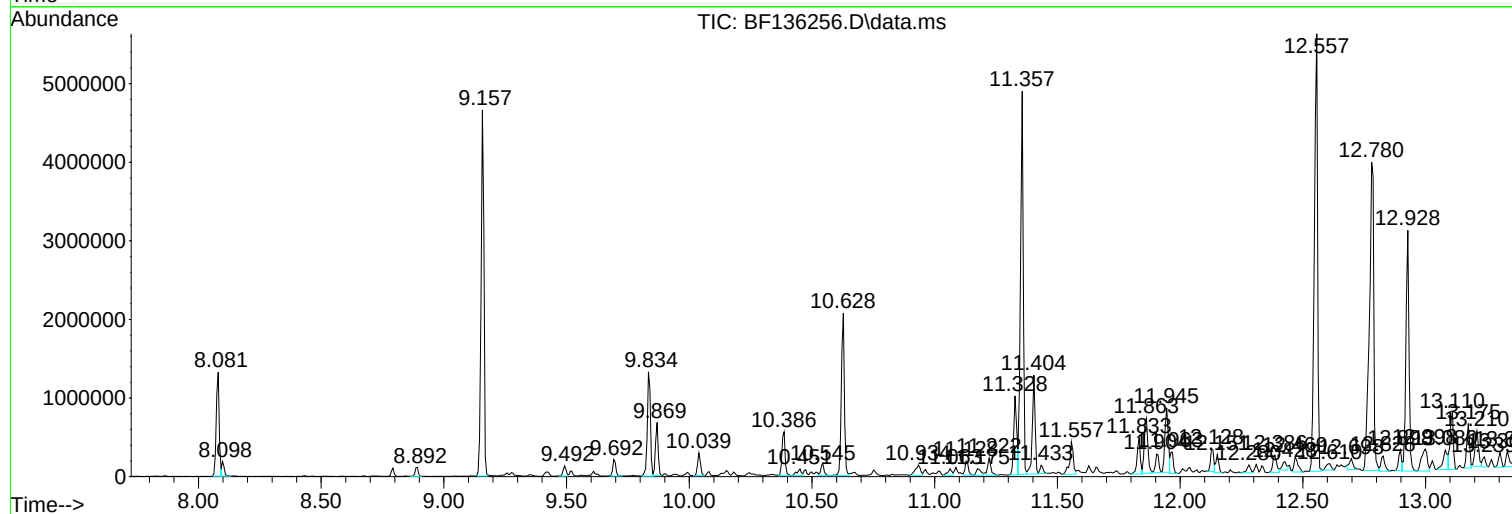
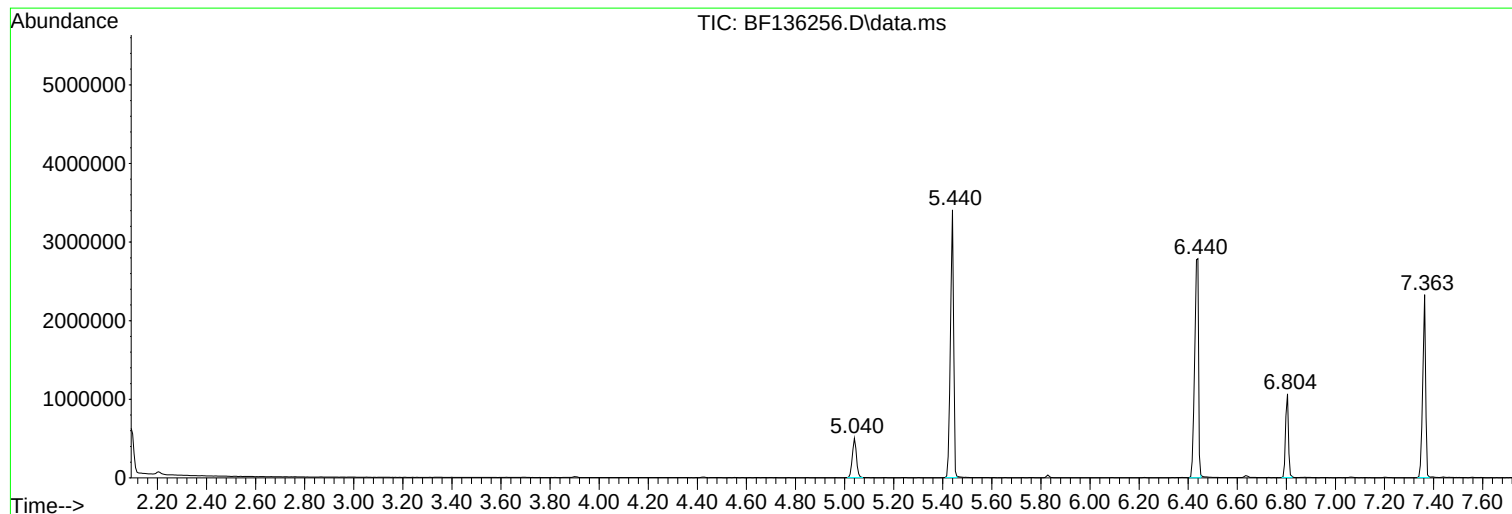
Sum of corrected areas: 73014181

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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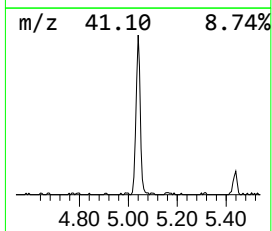
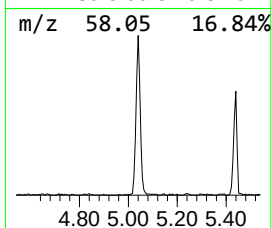
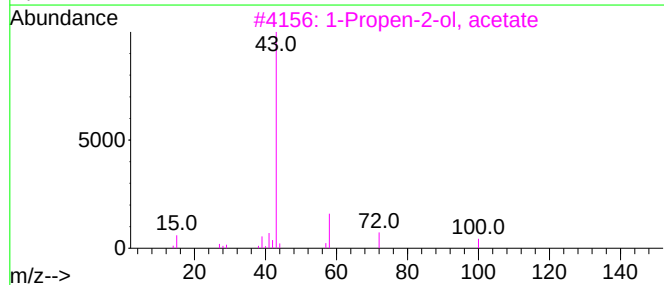
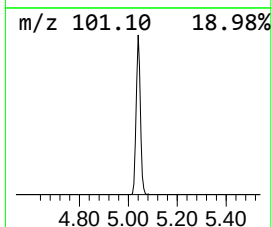
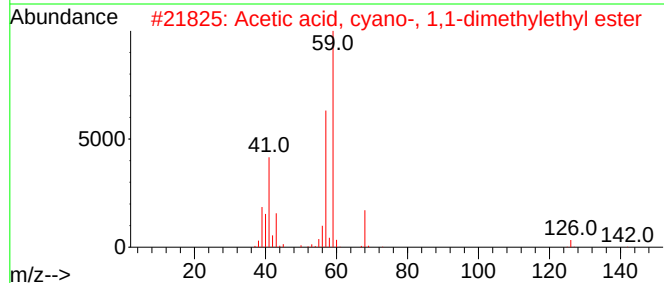
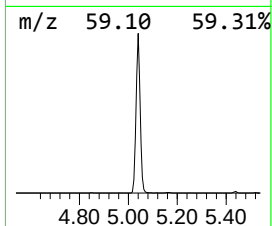
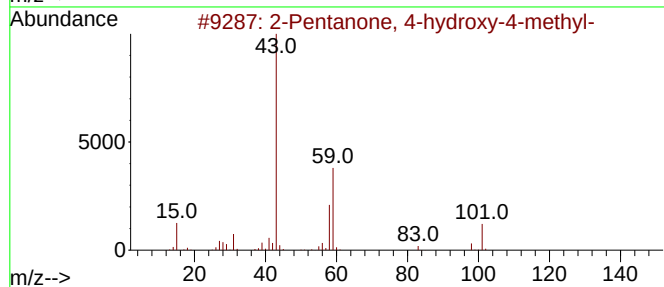
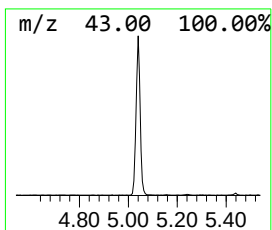
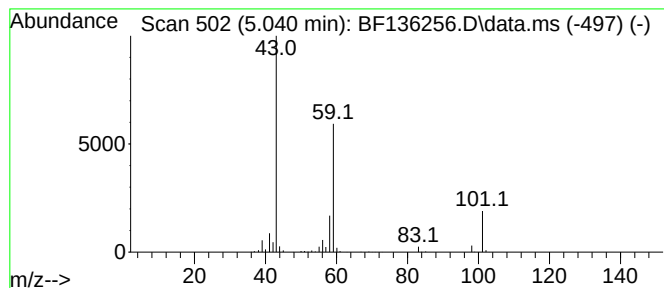
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	13.90 ng	585764	1,4-Dichlorobenzene-d4	6.804

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9		



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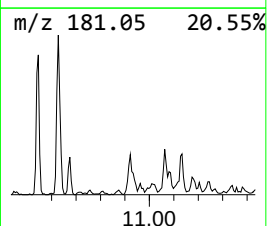
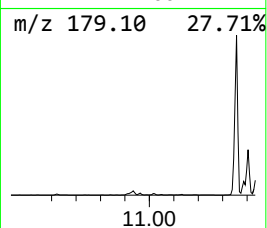
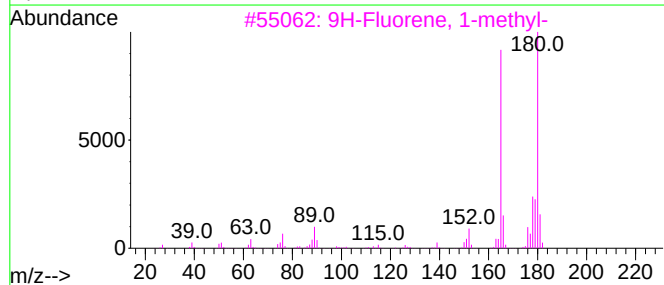
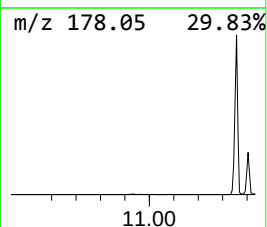
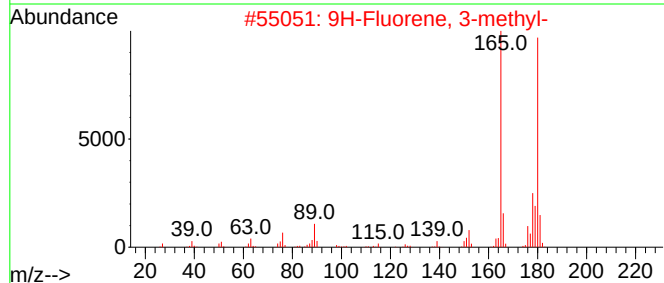
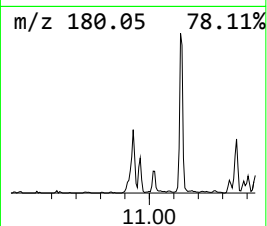
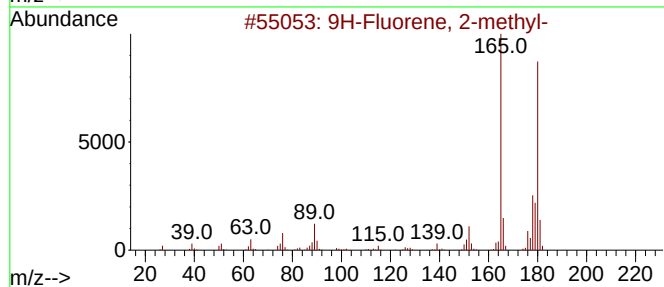
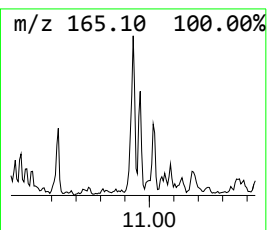
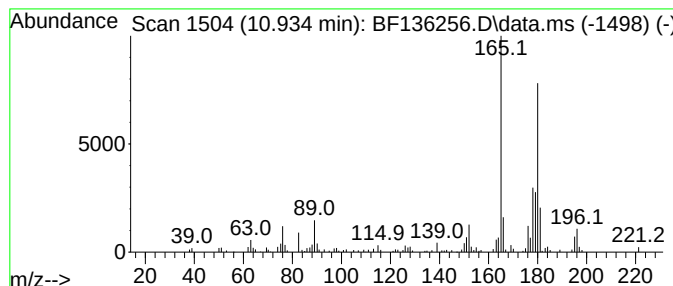
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.934	4.27 ng	193667	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76



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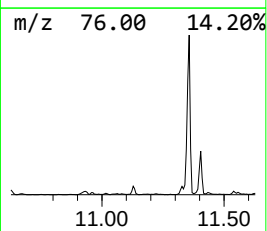
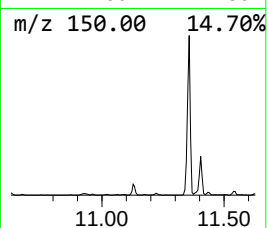
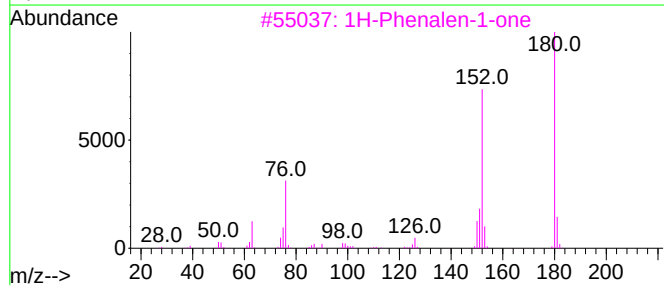
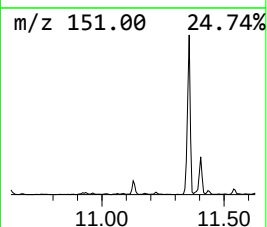
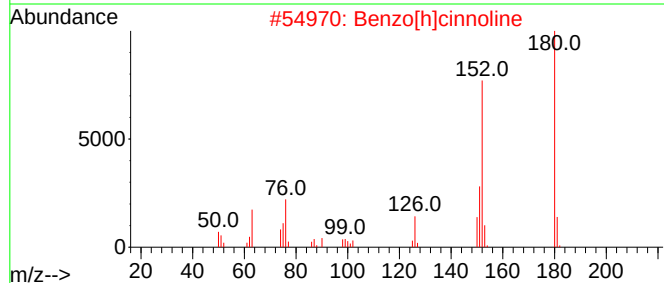
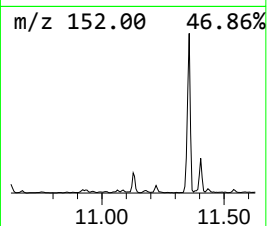
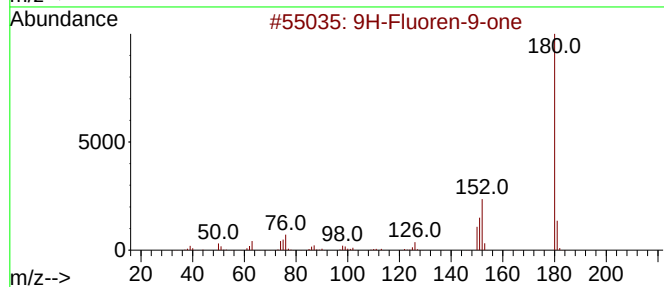
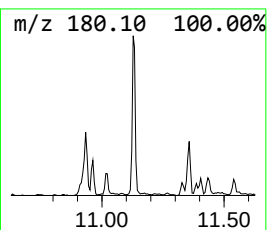
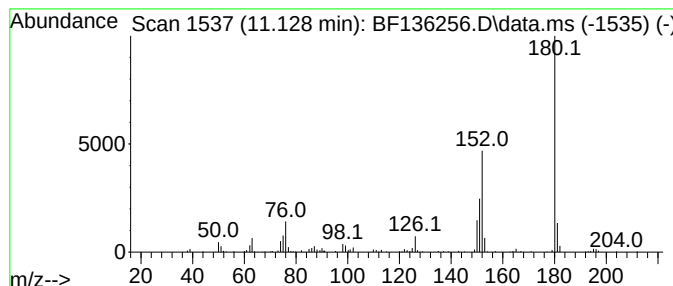
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	3.66 ng	166219	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	87
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
5			Benzaldehyde, 4-nitro-, O-methyl...	180	C8H8N2O3	033499-32-0	43



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Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
Operator : CG\JU
Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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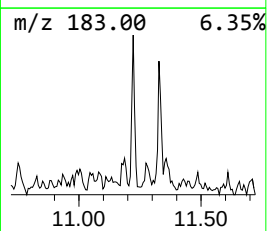
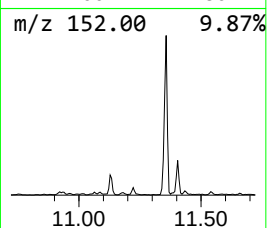
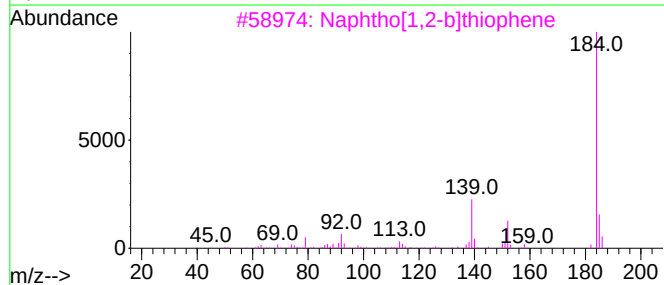
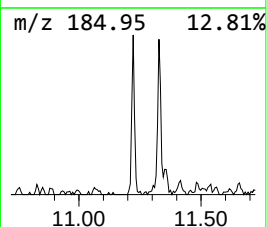
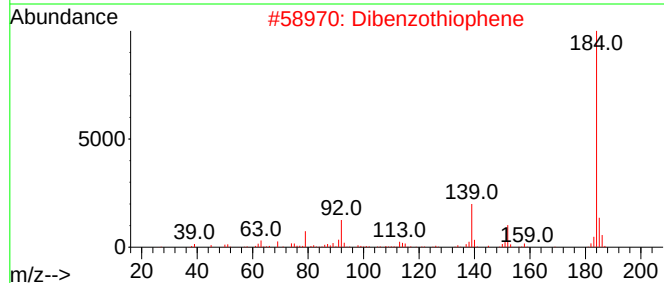
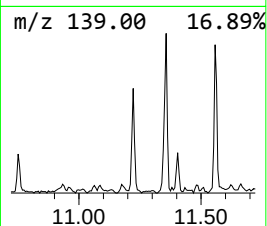
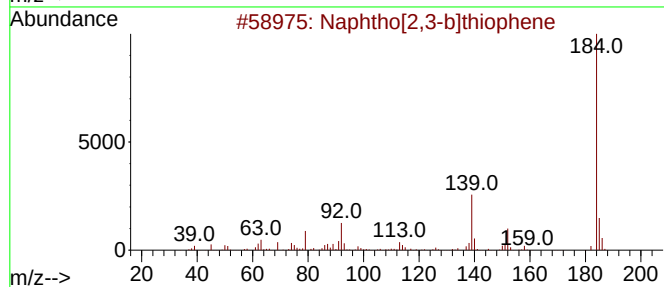
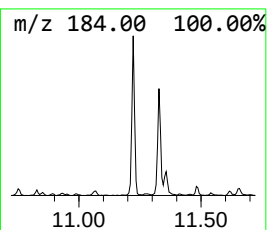
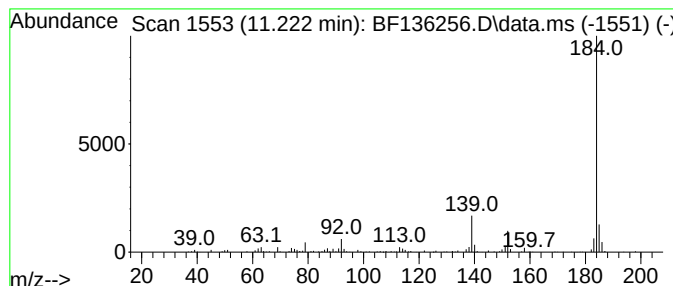
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphtho[2,3-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	4.19 ng	190263	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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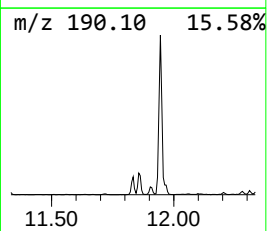
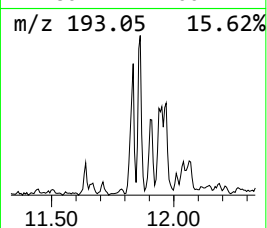
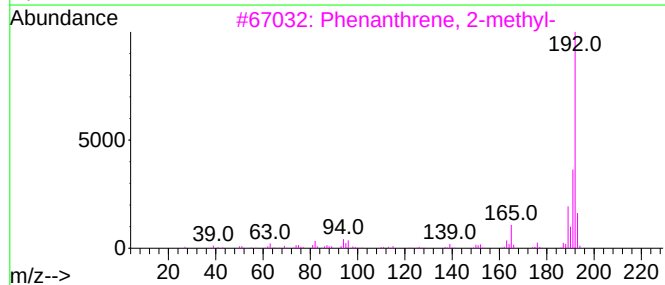
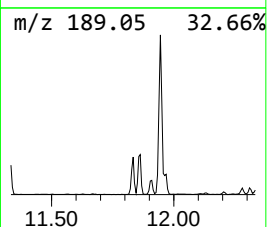
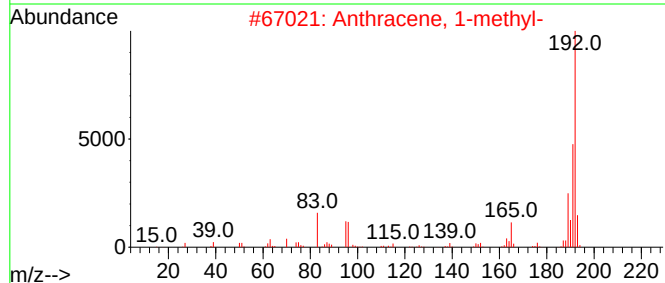
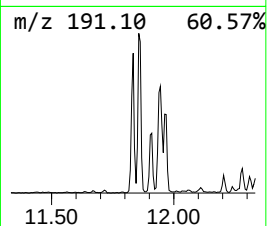
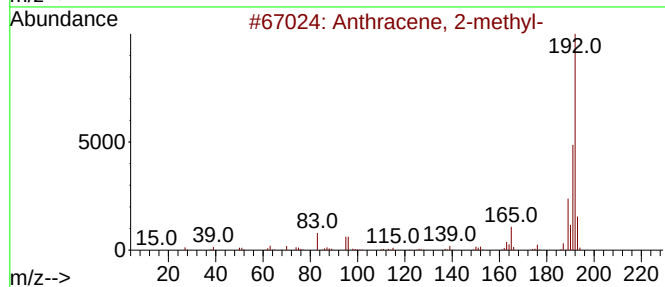
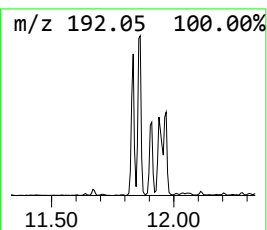
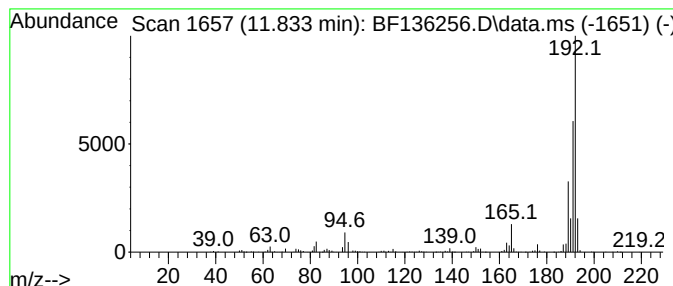
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.834	9.22 ng	418239	Phenanthrene-d10	11.328

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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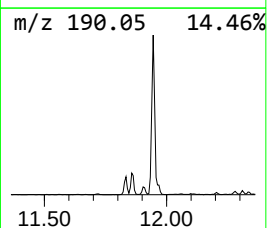
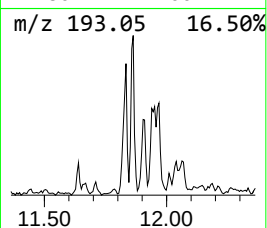
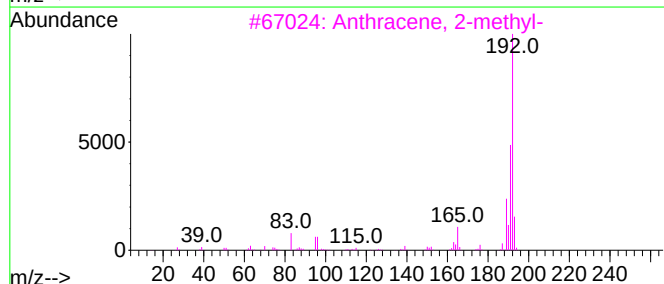
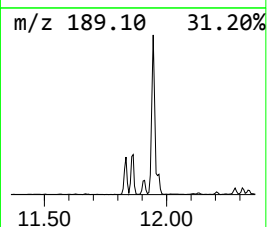
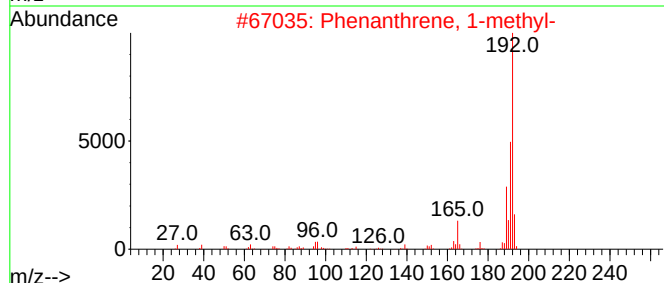
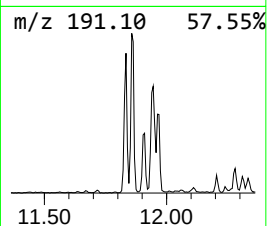
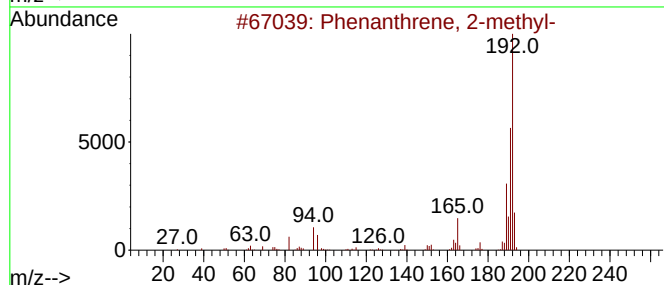
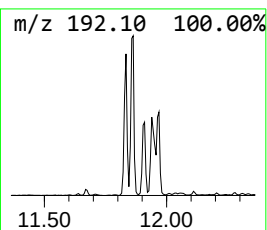
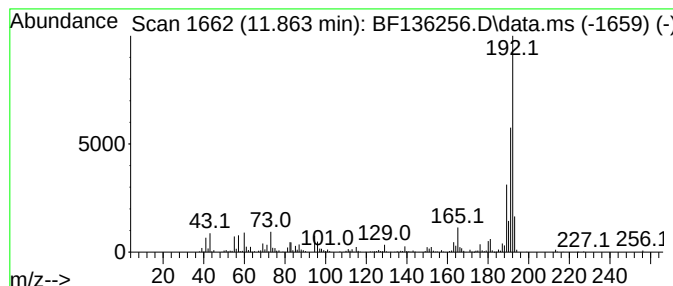
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	15.75 ng	714299	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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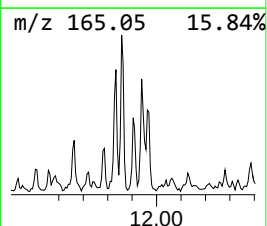
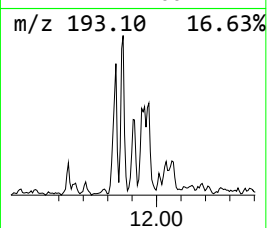
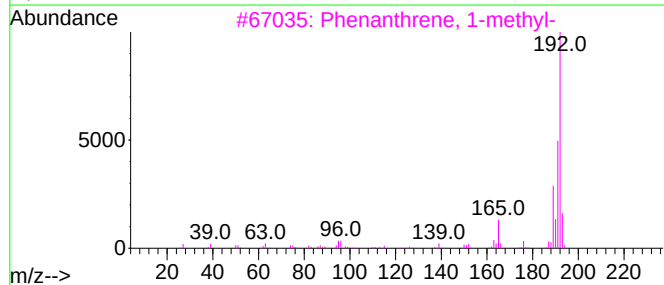
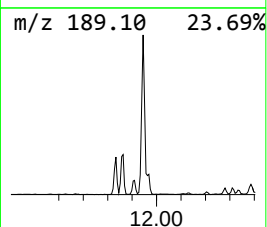
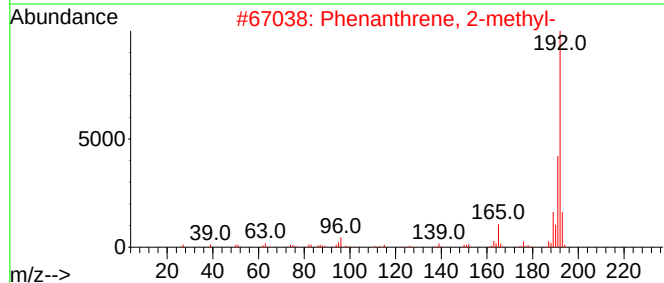
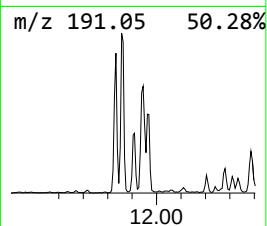
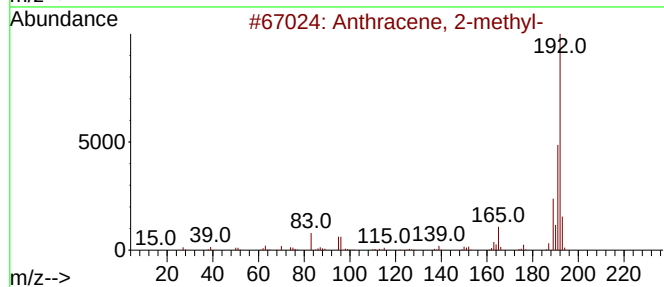
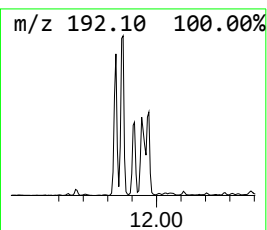
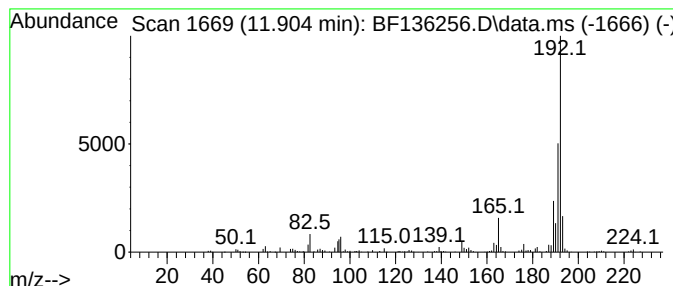
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.904	4.91 ng	222781	Phenanthrene-d10	11.328	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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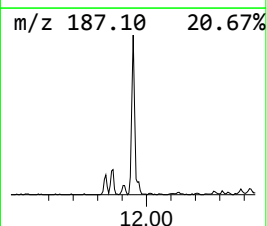
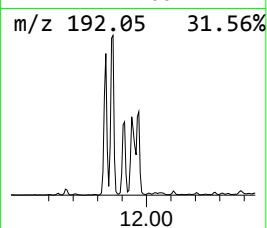
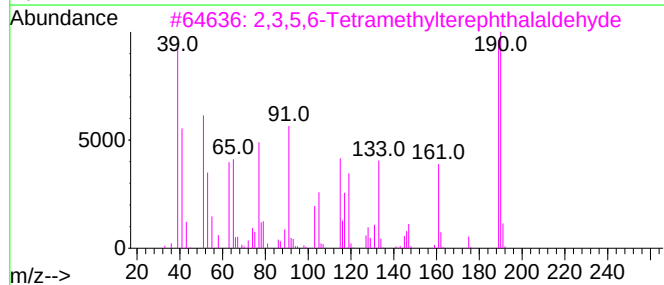
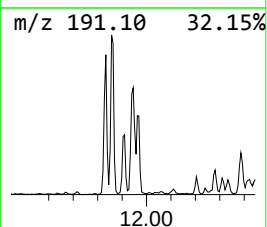
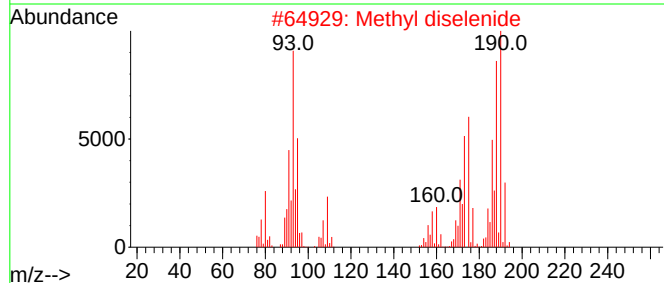
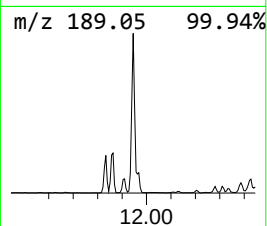
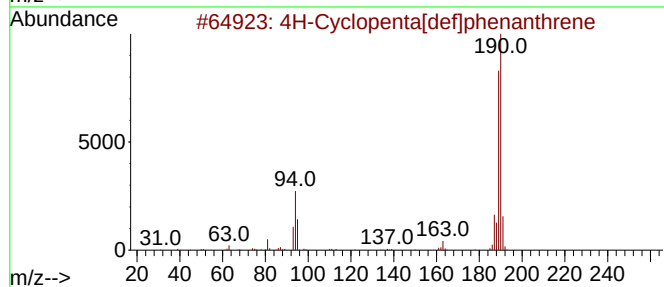
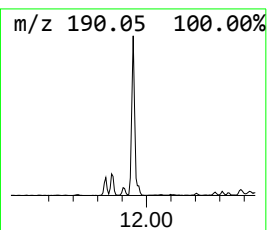
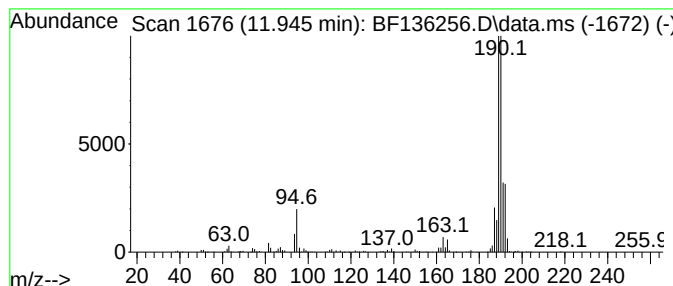
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	17.63 ng	799839	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2			Methyl diselenide	190	C2H6Se2	007101-31-7	55
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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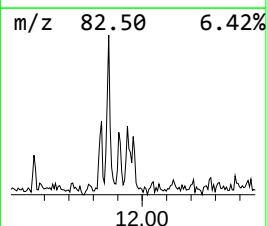
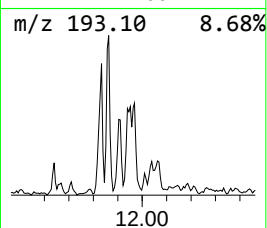
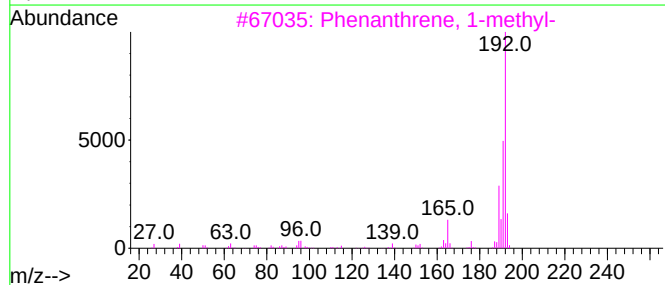
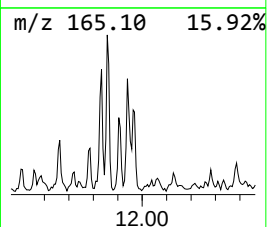
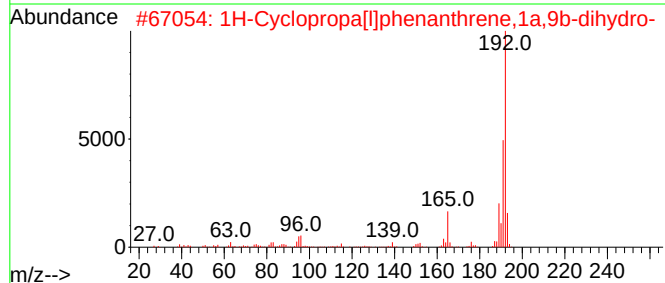
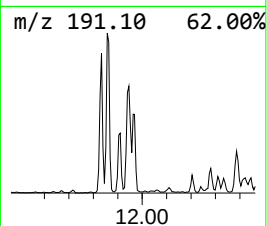
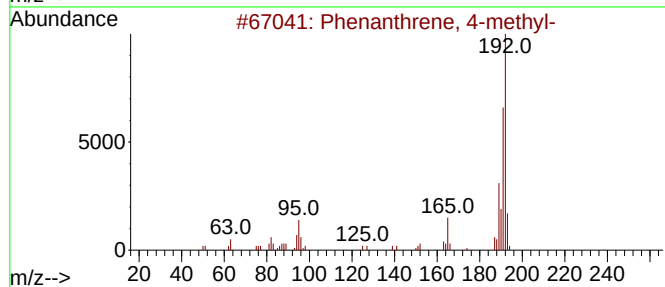
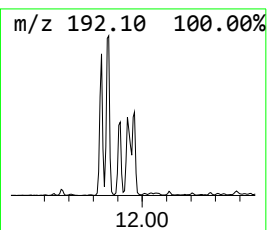
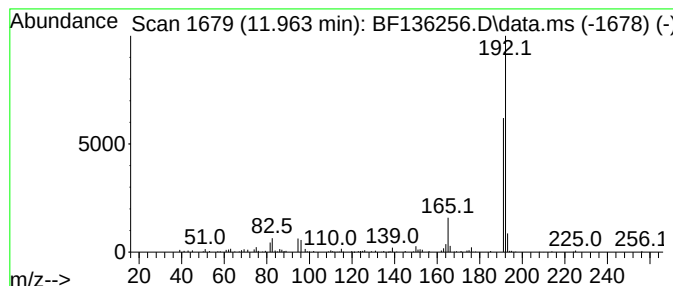
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	4.85 ng	220218	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
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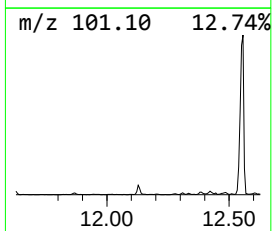
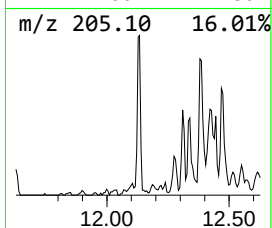
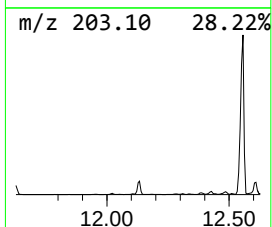
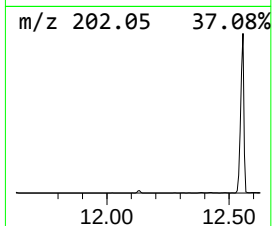
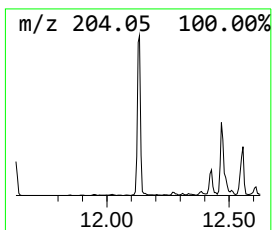
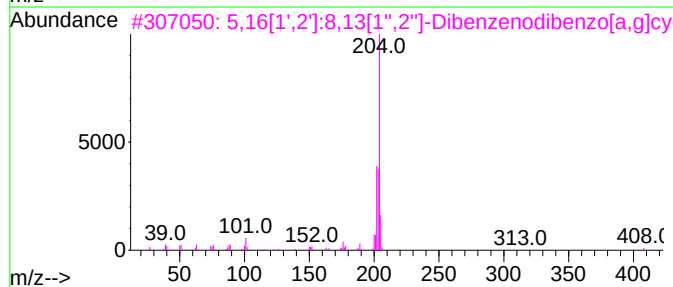
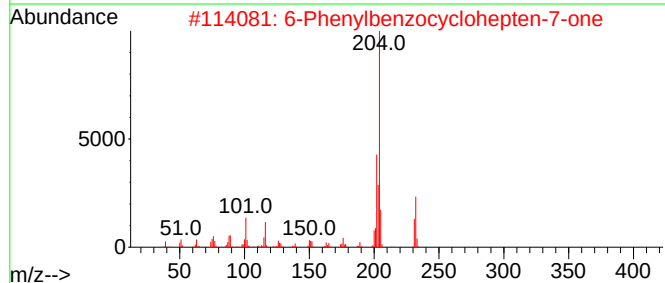
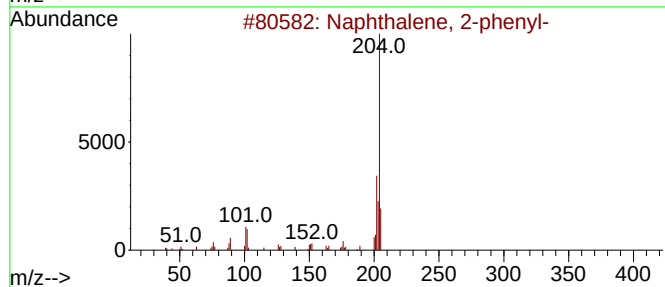
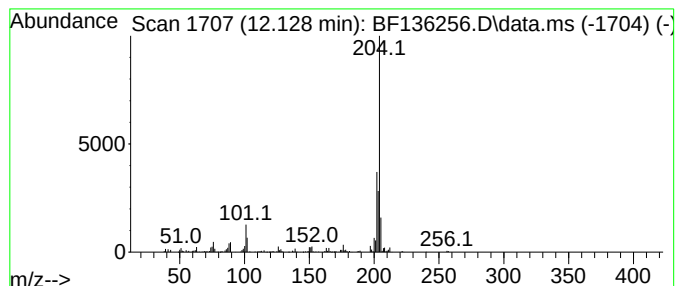
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	5.83 ng	264561	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
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Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-13

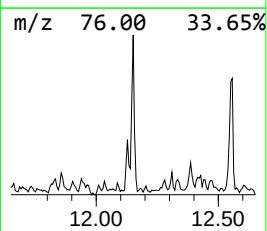
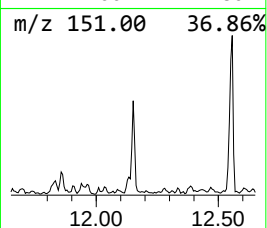
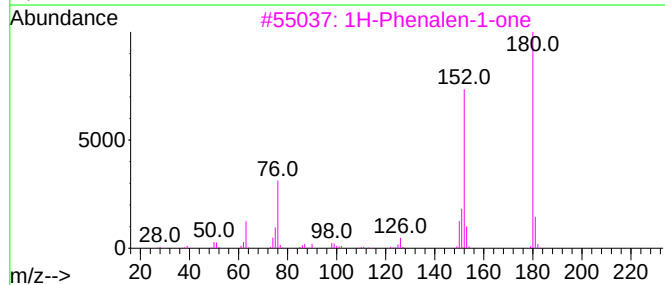
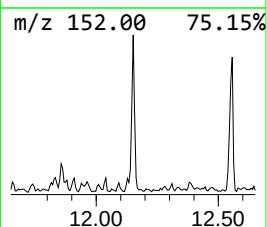
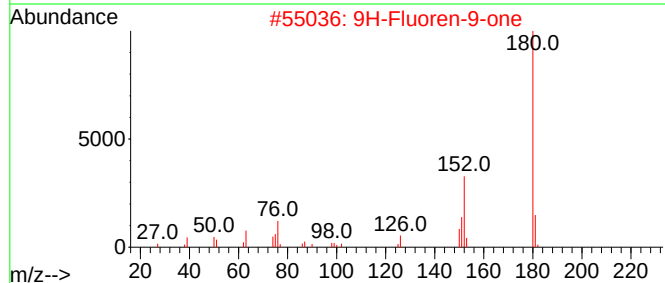
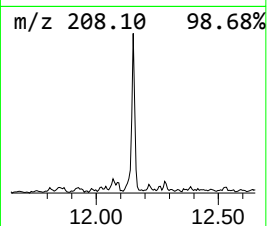
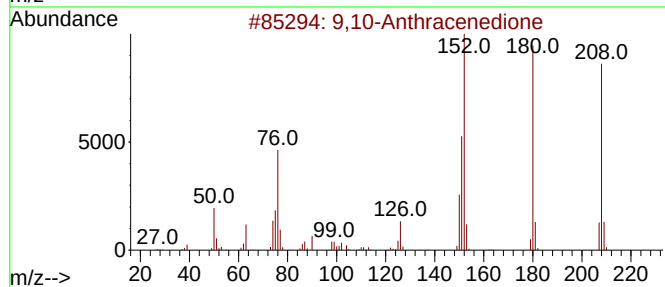
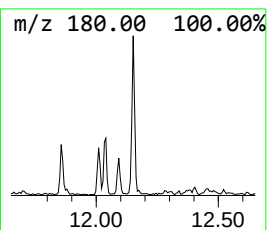
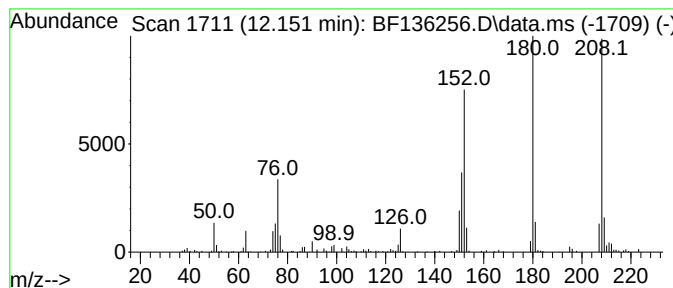
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	3.99 ng	180822	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	78
3	1H-Phenalen-1-one			180	C13H8O	000548-39-0	64
4	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	58
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
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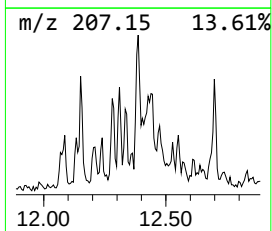
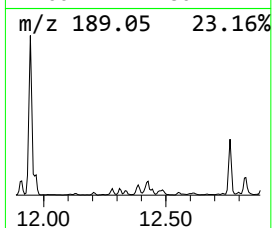
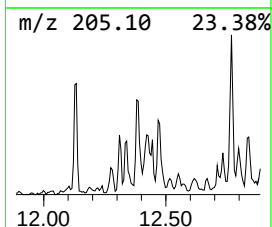
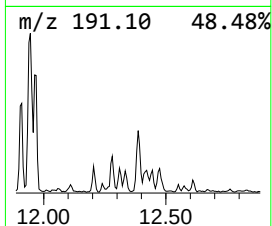
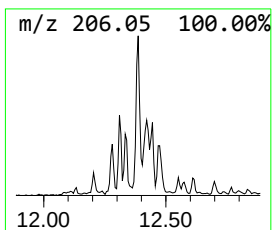
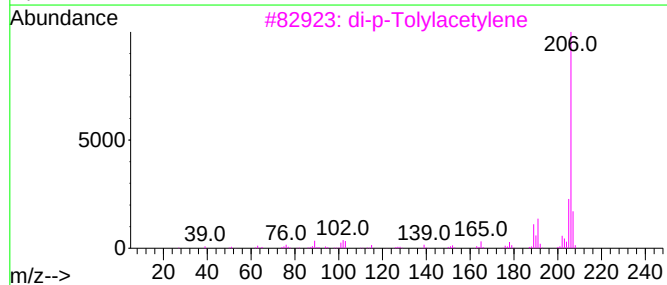
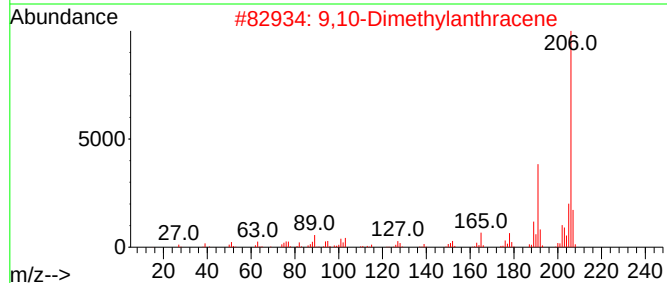
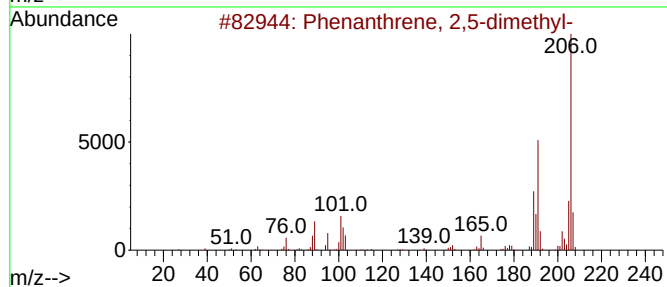
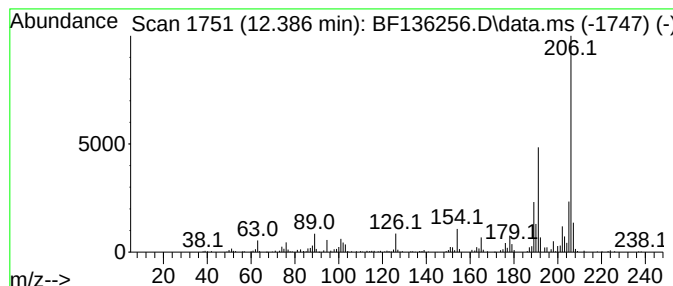
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	5.31 ng	240921	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
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Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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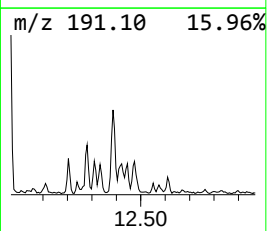
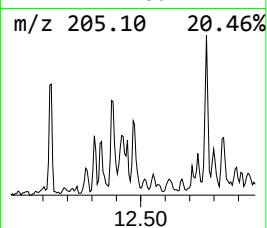
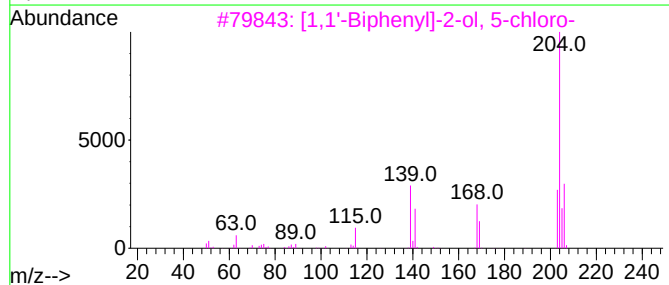
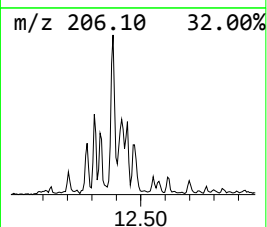
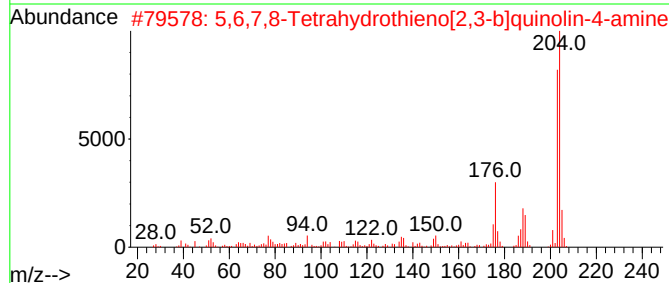
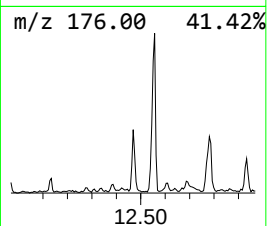
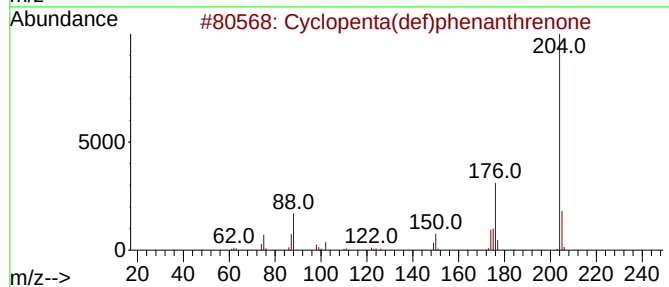
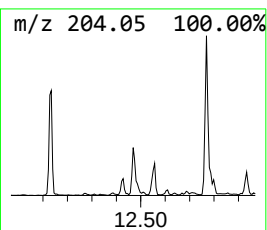
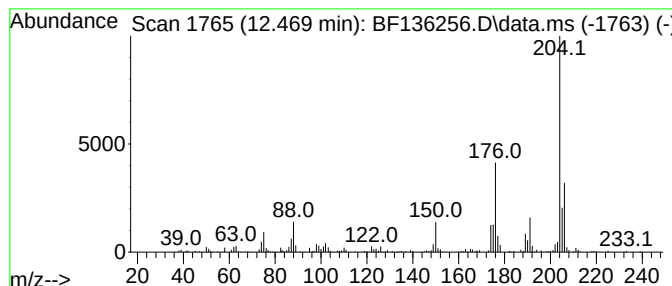
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.63 ng	209822	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
3			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
5			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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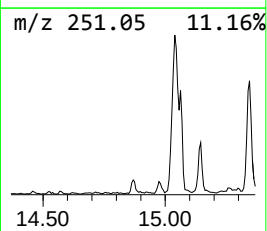
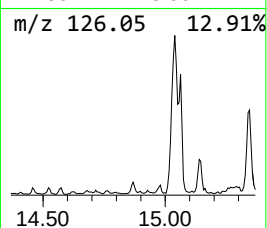
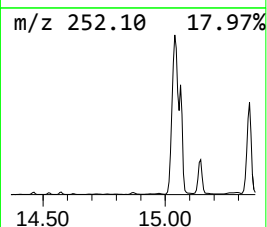
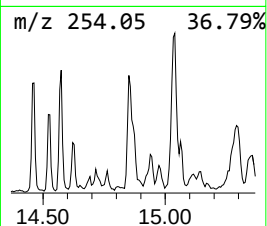
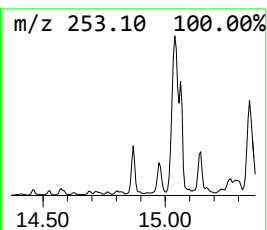
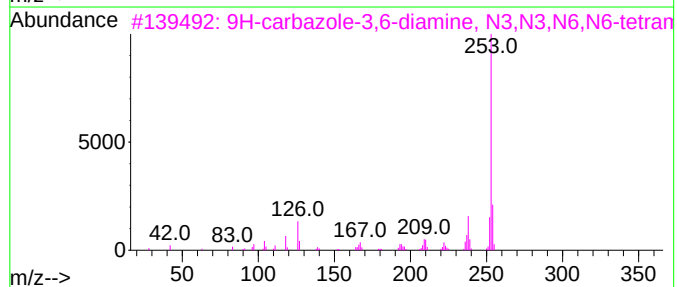
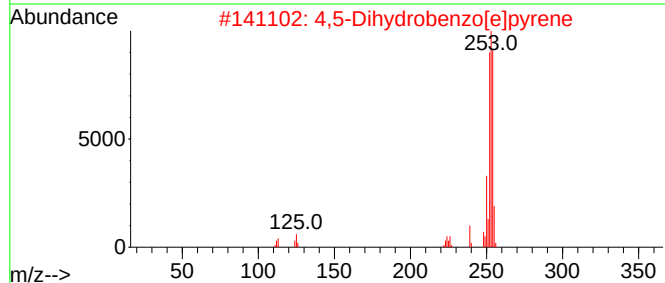
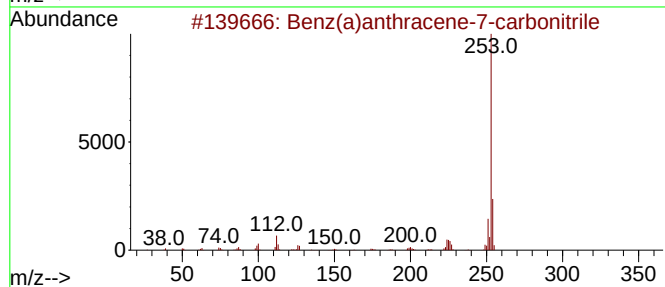
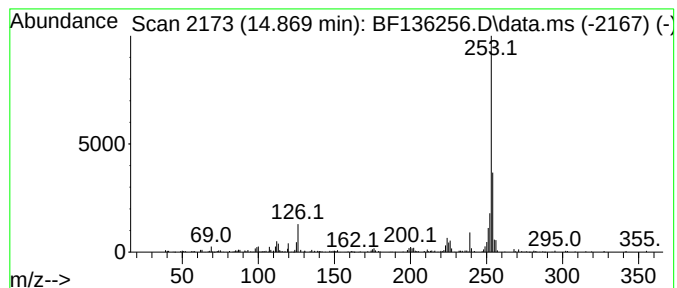
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.869	6.89 ng	275231	Perylene-d12		15.469	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile		253	C19H11N	007476-08-6	70
2	4,5-Dihydrobenzo[e]pyrene		254	C20H14	095676-42-9	42
3	9H-carbazole-3,6-diamine, N3,N3,...		253	C16H19N3	1010396-68-8	40
4	5,12-ethanonaphthacene-6-carboni...		281	C21H15N	1000397-19-0	39
5	7,12-Dihydrobenzo[k]fluoranthene		254	C20H14	1000080-17-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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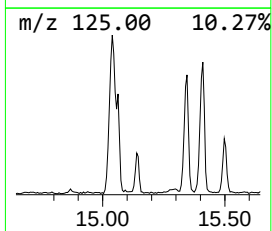
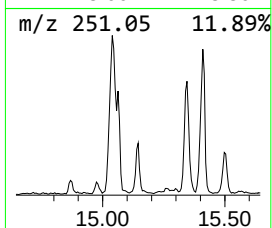
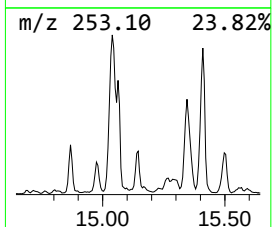
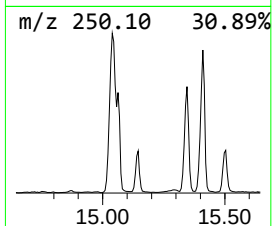
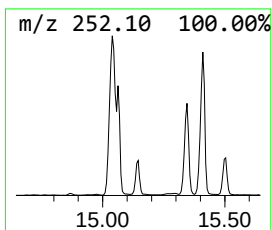
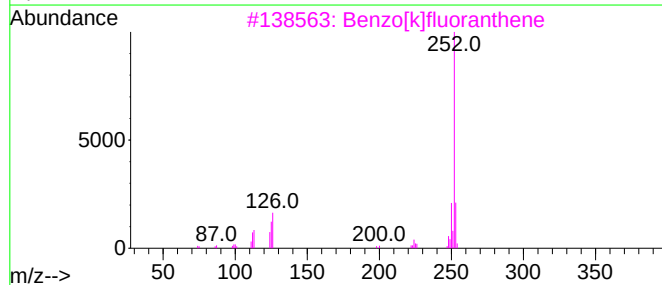
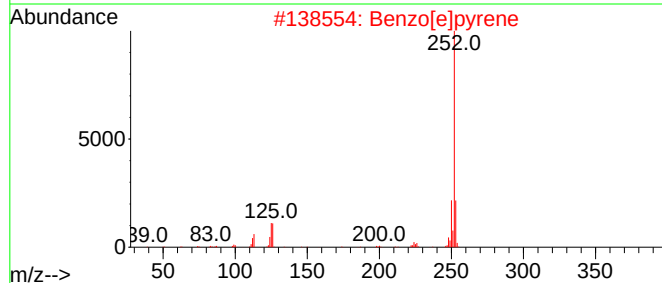
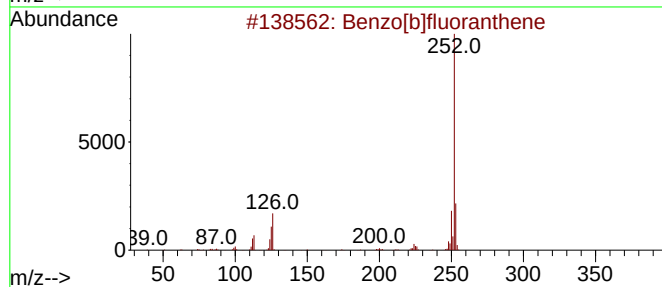
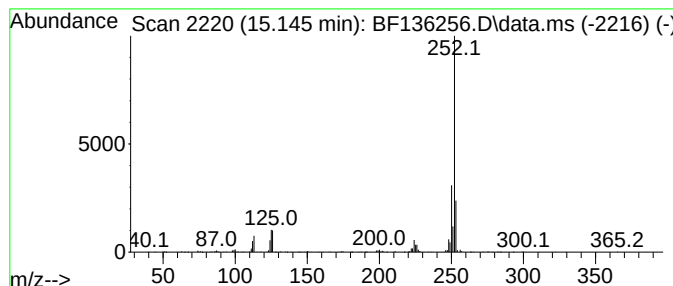
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.145	12.20 ng	487129	Perylene-d12	15.469	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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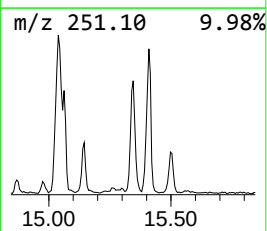
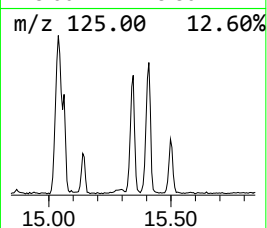
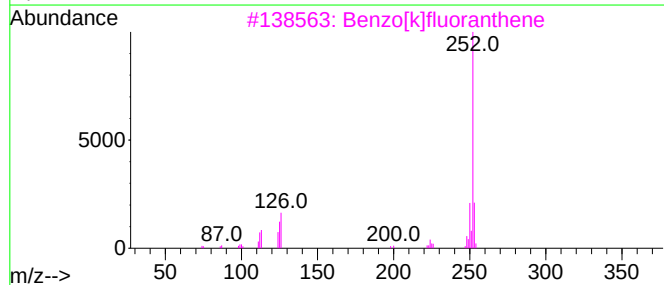
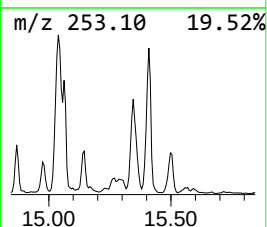
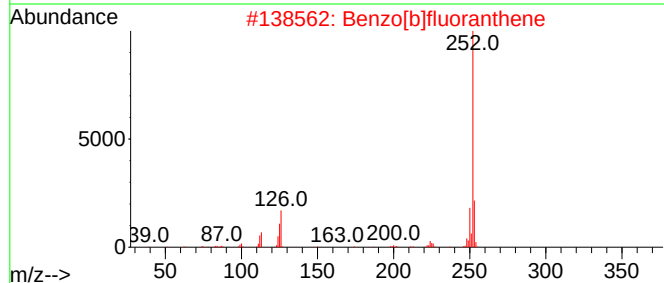
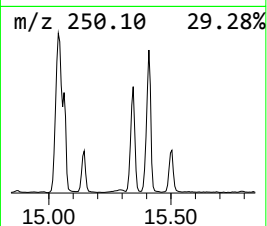
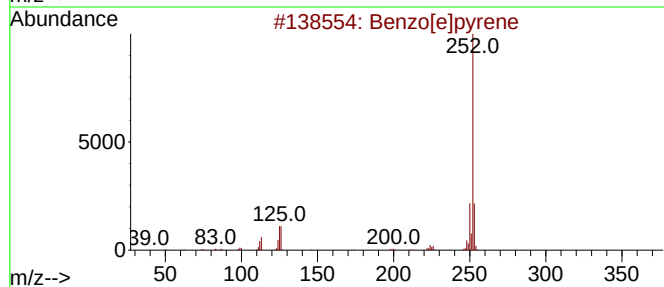
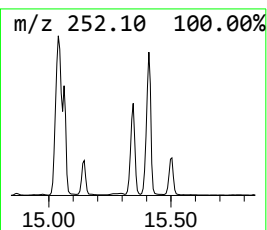
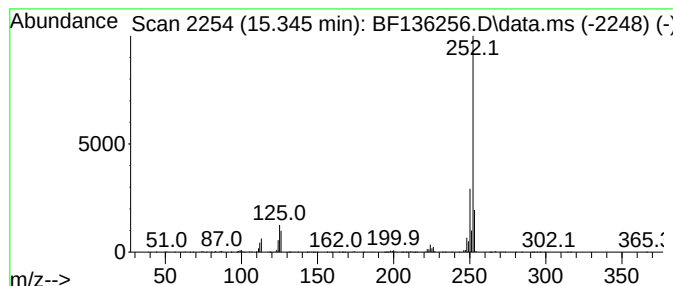
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	38.66 ng	1543650	Perylene-d12	15.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
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ClientSampleId :
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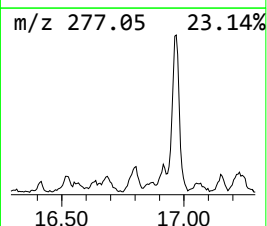
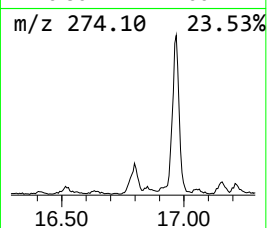
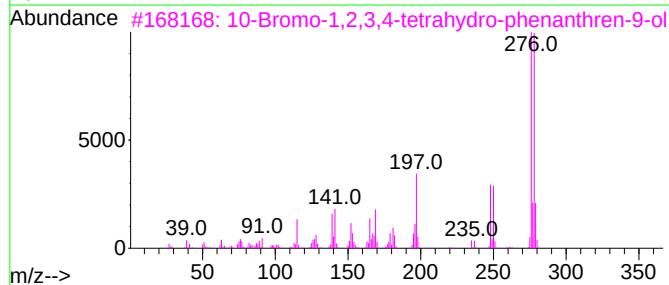
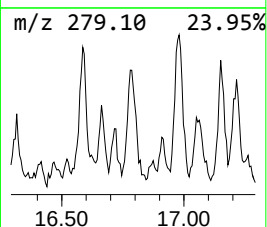
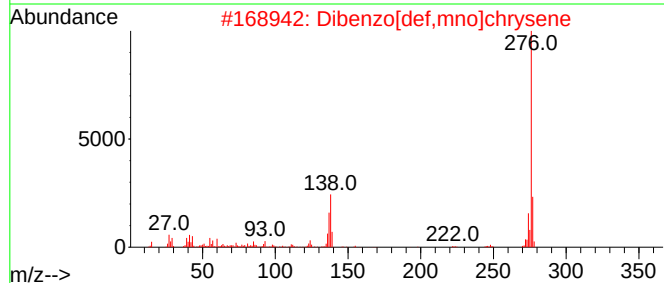
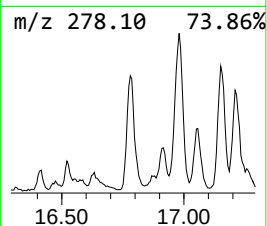
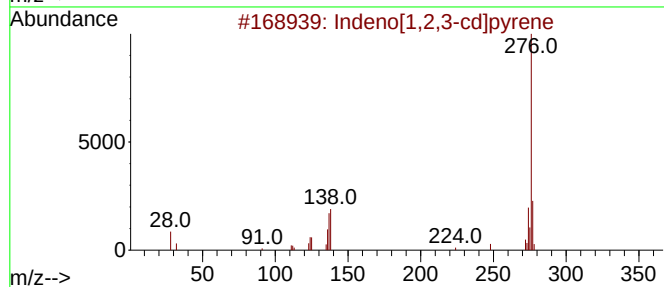
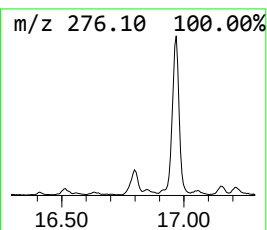
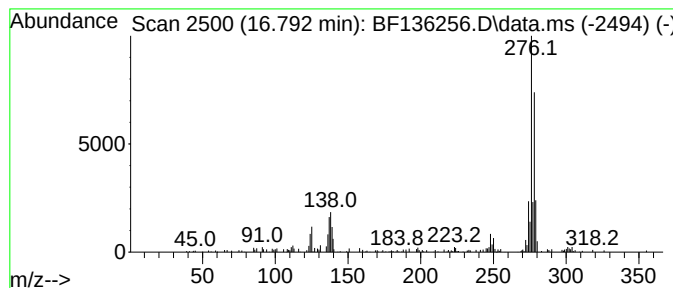
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.792	5.12 ng	204335	Perylene-d12	15.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	60
3		10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13BrO	1000190-54-9	59
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	52
5		Benzo[ghi]perylene	276	C22H12	000191-24-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
Operator : CG\JU
Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

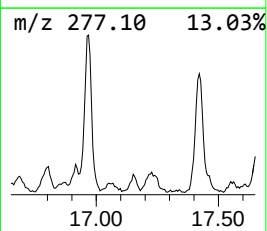
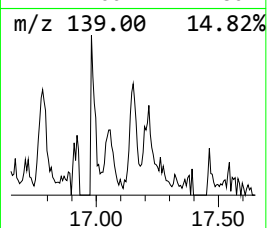
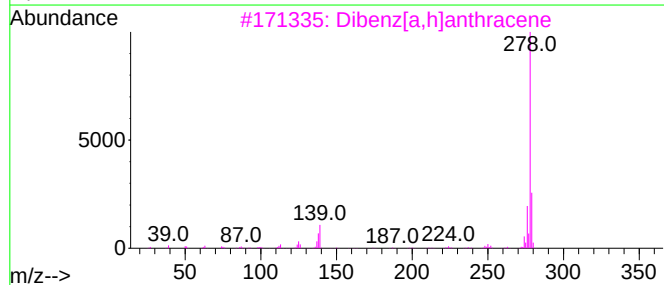
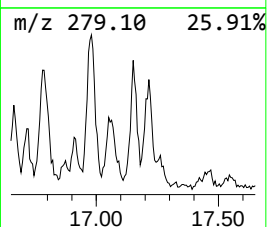
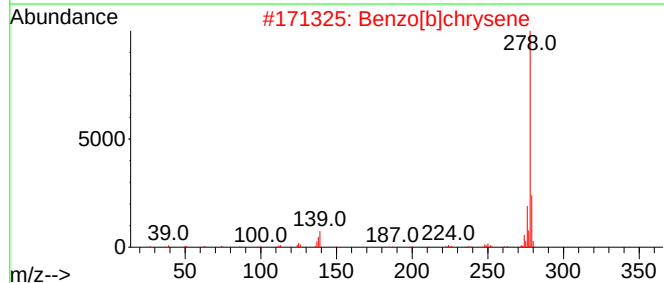
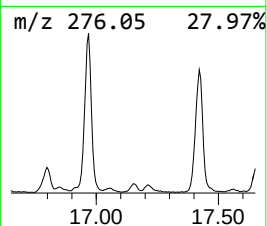
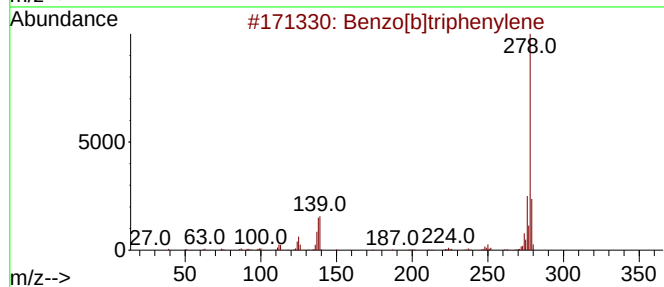
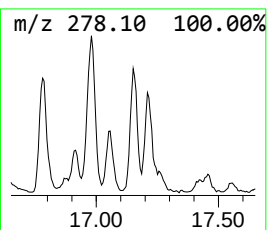
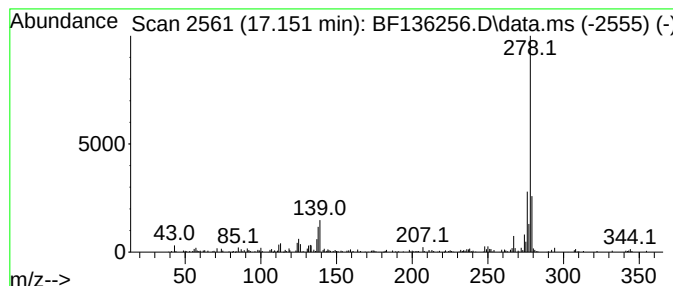
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	5.21 ng	207854	Perylene-d12	15.469

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2			Benzo[b]chrysene	278	C22H14	000214-17-5	90
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
4			Picene	278	C22H14	000213-46-7	90
5			Pentaphene	278	C22H14	000222-93-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
Operator : CG\JU
Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

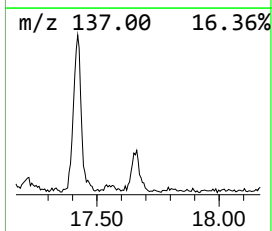
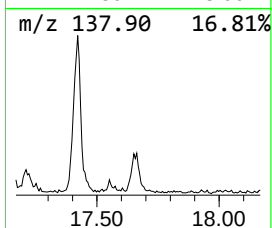
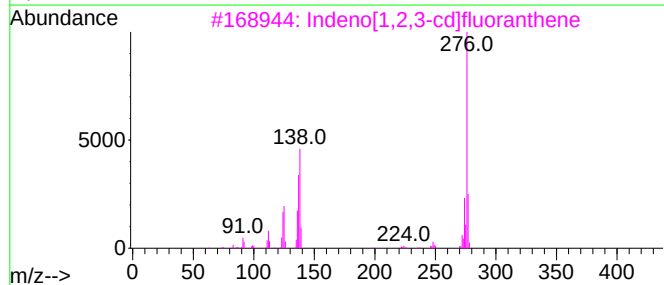
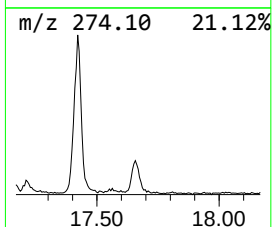
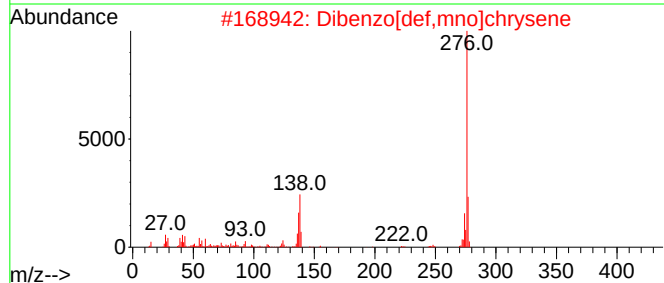
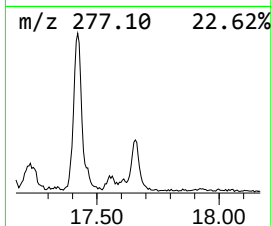
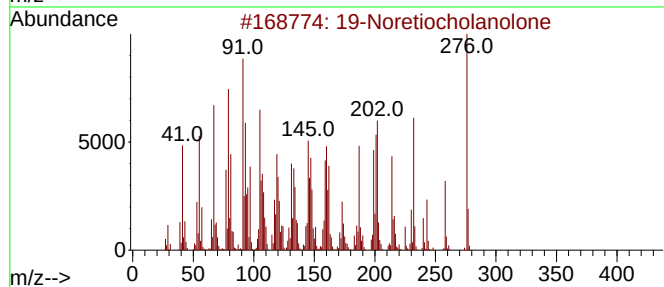
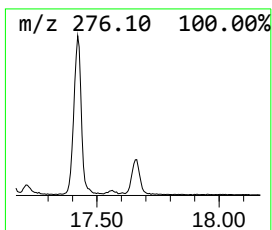
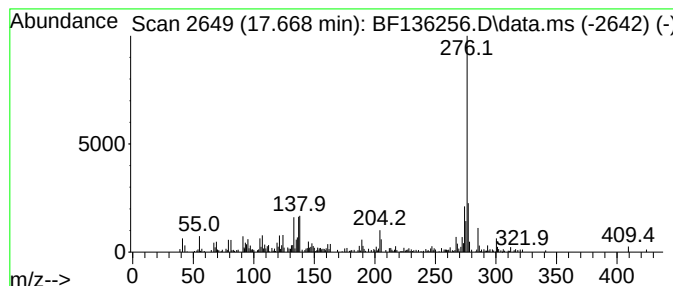
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 19-Noretiocholanolone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	9.06 ng	361661	Perylene-d12	15.469

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		19-Noretiocholanolone	276	C18H28O2	033036-33-8	90
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	89
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
5		Benzo[ghi]perylene	276	C22H12	000191-24-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136256.D
Acq On : 28 Nov 2023 18:57
Operator : CG\JU
Sample : 05492-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

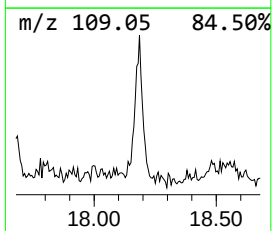
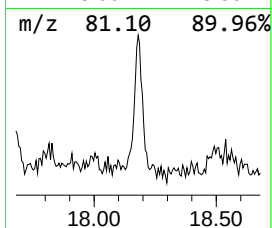
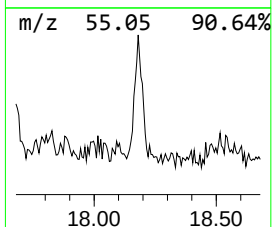
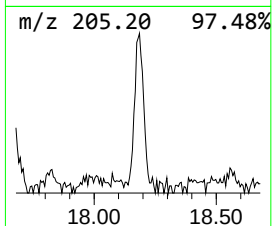
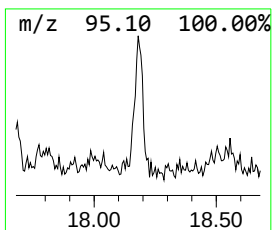
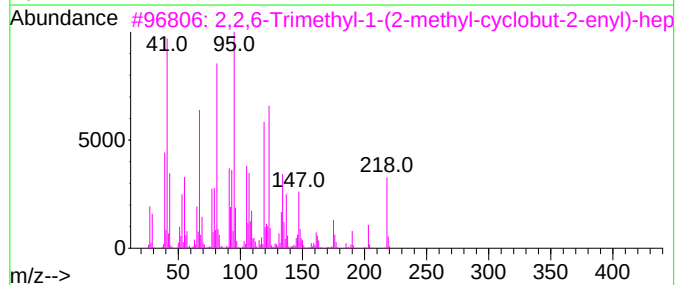
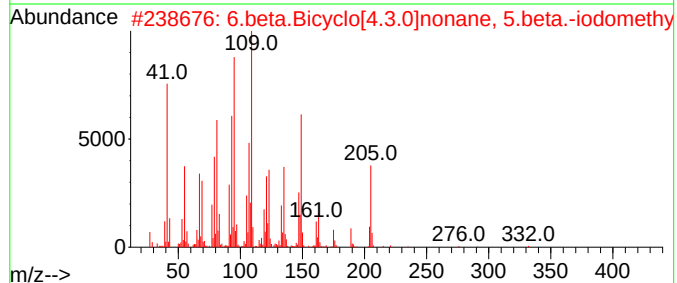
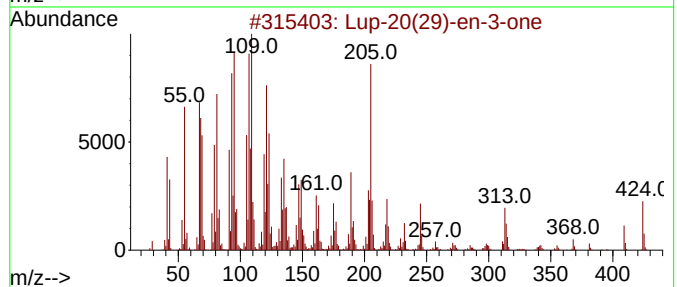
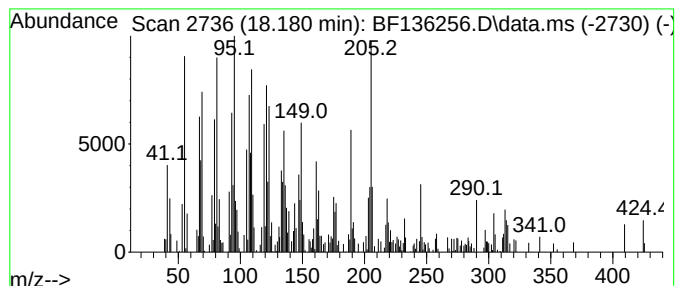
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Lup-20(29)-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	10.18 ng	406260	Perylene-d12	15.469
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 99
2		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332 C15H25I	1000195-85-9 46
3		2,2,6-Trimethyl-1-(2-methyl-cycl...	218 C15H22O	1000188-72-8 45
4		Humulane-1,6-dien-3-ol	222 C15H26O	1000140-23-1 44
5		6,10-Dimethyl-3-(1-methylethylid...	206 C15H26	069239-71-0 42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136256.D
 Acq On : 28 Nov 2023 18:57
 Operator : CG\JU
 Sample : 05492-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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
2-Pentanone, 4-...	5.040	13.9	ng	585764	1	6.804	843114	20.0
9H-Fluorene, 2-...	10.934	4.3	ng	193667	4	11.328	907331	20.0
9H-Fluoren-9-one	11.128	3.7	ng	166219	4	11.328	907331	20.0
Naphtho[2,3-b]t...	11.222	4.2	ng	190263	4	11.328	907331	20.0
Anthracene, 2-m...	11.834	9.2	ng	418239	4	11.328	907331	20.0
Phenanthrene, 2...	11.863	15.8	ng	714299	4	11.328	907331	20.0
Phenanthrene, 1...	11.904	4.9	ng	222781	4	11.328	907331	20.0
4H-Cyclopenta[d...	11.945	17.6	ng	799839	4	11.328	907331	20.0
Phenanthrene, 4...	11.963	4.8	ng	220218	4	11.328	907331	20.0
Naphthalene, 2-...	12.128	5.8	ng	264561	4	11.328	907331	20.0
9,10-Anthracene...	12.151	4.0	ng	180822	4	11.328	907331	20.0
Phenanthrene, 2...	12.386	5.3	ng	240921	4	11.328	907331	20.0
Cyclopenta(def)...	12.469	4.6	ng	209822	4	11.328	907331	20.0
Benz(a)anthrace...	14.869	6.9	ng	275231	6	15.469	798476	20.0
Benzo[e]pyrene	15.145	12.2	ng	487129	6	15.469	798476	20.0
Perylene	15.345	38.7	ng	1543650	6	15.469	798476	20.0
Dibenzo[def,mno...	16.792	5.1	ng	204335	6	15.469	798476	20.0
Benzo[b]triphen...	17.151	5.2	ng	207854	6	15.469	798476	20.0
19-Noretiochola...	17.668	9.1	ng	361661	6	15.469	798476	20.0
Lup-20(29)-en-3...	18.180	10.2	ng	406260	6	15.469	798476	20.0