

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134455.D
 Acq On : 25 Jul 2023 05:15
 Operator : CG\JU
 Sample : 03640-31
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP11

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-BF072423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.469	571	575	592	rBV	1299724	1211815	24.55%	2.059%
2	6.475	742	746	753	rBV	1361530	1169844	23.70%	1.987%
3	6.834	804	807	814	rBV	617846	489983	9.93%	0.832%
4	7.398	899	903	909	rBV	946927	816198	16.53%	1.387%
5	8.110	1021	1024	1026	rBV	719220	596054	12.07%	1.013%
6	8.134	1026	1028	1035	rVB	729749	526259	10.66%	0.894%
7	8.822	1142	1145	1153	rBV	459404	417189	8.45%	0.709%
8	8.922	1157	1162	1166	rBV	431912	371754	7.53%	0.632%
9	9.186	1204	1207	1210	rBV	1686834	1276226	25.85%	2.168%
10	9.457	1248	1253	1256	rBV	223155	285000	5.77%	0.484%
11	9.528	1261	1265	1267	rBV	377944	359522	7.28%	0.611%
12	9.551	1267	1269	1274	rVB	216020	192985	3.91%	0.328%
13	9.645	1281	1285	1291	rBV	206375	213960	4.33%	0.363%
14	9.728	1296	1299	1303	rVB	420695	369431	7.48%	0.628%
15	9.869	1321	1323	1326	rVV	658071	505682	10.24%	0.859%
16	9.904	1326	1329	1332	rVB	296156	260891	5.28%	0.443%
17	10.075	1353	1358	1361	rVV2	409481	384189	7.78%	0.653%
18	10.110	1361	1364	1368	rVB	177758	155217	3.14%	0.264%
19	10.186	1373	1377	1380	rBV	164029	173405	3.51%	0.295%
20	10.275	1388	1392	1394	rBV2	107085	147562	2.99%	0.251%
21	10.422	1413	1417	1423	rVB	636501	592086	11.99%	1.006%
22	10.486	1423	1428	1430	rBV	99705	142156	2.88%	0.241%
23	10.575	1440	1443	1447	rVB	155661	164050	3.32%	0.279%
24	10.663	1455	1458	1462	rBV	925293	798604	16.18%	1.357%
25	10.786	1473	1479	1485	rVB3	88171	136345	2.76%	0.232%
26	10.969	1505	1510	1513	rBV2	159285	200523	4.06%	0.341%
27	11.098	1527	1532	1534	rBV2	106518	131696	2.67%	0.224%
28	11.122	1534	1536	1542	rVV2	114490	137043	2.78%	0.233%
29	11.175	1542	1545	1548	rVV	220680	206645	4.19%	0.351%
30	11.210	1548	1551	1556	rVV2	100839	145731	2.95%	0.248%
31	11.263	1556	1560	1565	rVB	302948	289141	5.86%	0.491%
32	11.369	1572	1578	1579	rBV	461958	436985	8.85%	0.742%
33	11.404	1579	1584	1586	rVV	3573291	3826988	77.52%	6.501%
34	11.445	1586	1591	1594	rVV	1101227	944454	19.13%	1.604%
35	11.474	1594	1596	1599	rVV2	88874	120582	2.44%	0.205%
36	11.604	1613	1618	1625	rVV	265721	372970	7.56%	0.634%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.657	1625	1627	1631	rVV	122596	141461	2.87%	0.240%
38	11.698	1631	1634	1639	rVV3	173275	203830	4.13%	0.346%
39	11.780	1643	1648	1653	rVB2	96523	143418	2.91%	0.244%
40	11.869	1659	1663	1666	rVV	697293	694342	14.07%	1.179%
41	11.898	1666	1668	1672	rVB	967861	864972	17.52%	1.469%
42	11.951	1672	1677	1679	rBV	271227	271252	5.49%	0.461%
43	11.986	1679	1683	1685	rVV	936616	1032574	20.92%	1.754%
44	12.010	1685	1687	1691	rVB	506728	417714	8.46%	0.710%
45	12.169	1710	1714	1717	rVV	468713	439991	8.91%	0.747%
46	12.204	1717	1720	1724	rVB	350819	324362	6.57%	0.551%
47	12.316	1734	1739	1742	rBV2	152970	207844	4.21%	0.353%
48	12.351	1742	1745	1747	rVV	180695	163855	3.32%	0.278%
49	12.427	1754	1758	1760	rBV	415133	444889	9.01%	0.756%
50	12.463	1760	1764	1766	rVV2	265629	341307	6.91%	0.580%
51	12.521	1770	1774	1778	rBV2	360801	427410	8.66%	0.726%
52	12.604	1782	1788	1791	rBV	4051181	4891552	99.09%	8.309%
53	12.657	1795	1797	1800	rVV2	145308	127860	2.59%	0.217%
54	12.686	1800	1802	1806	rVB	179036	145841	2.95%	0.248%
55	12.739	1806	1811	1815	rBV2	254148	317363	6.43%	0.539%
56	12.839	1820	1828	1830	rBV2	3586578	4936640	100.00%	8.386%
57	12.874	1831	1834	1838	rVB2	250940	283882	5.75%	0.482%
58	12.945	1841	1846	1847	rBV	268747	329475	6.67%	0.560%
59	12.963	1847	1849	1851	rVV	1019338	810734	16.42%	1.377%
60	12.980	1851	1852	1856	rVB2	191915	158930	3.22%	0.270%
61	13.039	1857	1862	1867	rBV2	369464	646808	13.10%	1.099%
62	13.127	1874	1877	1879	rBV2	314216	381109	7.72%	0.647%
63	13.157	1879	1882	1885	rVB	597027	571586	11.58%	0.971%
64	13.221	1890	1893	1895	rVV	348847	286810	5.81%	0.487%
65	13.257	1895	1899	1903	rVV2	514676	580890	11.77%	0.987%
66	13.351	1912	1915	1918	rBV	311041	275422	5.58%	0.468%
67	13.380	1918	1920	1924	rVB	315007	287952	5.83%	0.489%
68	13.668	1966	1969	1973	rVV	506466	478030	9.68%	0.812%
69	13.780	1983	1988	1990	rBV	507092	539476	10.93%	0.916%
70	13.804	1990	1992	1994	rVV	419311	353141	7.15%	0.600%
71	13.833	1994	1997	2003	rVV3	310015	503309	10.20%	0.855%
72	13.880	2003	2005	2009	rVB	431915	427749	8.66%	0.727%
73	14.027	2023	2030	2034	rBV2	2242615	3399374	68.86%	5.775%
74	14.068	2034	2037	2040	rVV	2179256	2072722	41.99%	3.521%
75	14.139	2047	2049	2052	rVV	275989	223143	4.52%	0.379%
76	14.186	2054	2057	2062	rVV4	201798	314444	6.37%	0.534%

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77	14.227	2062	2064	2066	rVV2	117878	117309	2.38%	0.199%
78	14.263	2066	2070	2073	rVV2	175960	251818	5.10%	0.428%
79	14.351	2083	2085	2088	rVV	98606	114673	2.32%	0.195%
80	14.386	2088	2091	2093	rVV	172084	199448	4.04%	0.339%
81	14.421	2093	2097	2100	rVV	507597	619804	12.56%	1.053%
82	14.457	2100	2103	2107	rVV	309624	364004	7.37%	0.618%
83	14.504	2107	2111	2112	rVV2	169932	263372	5.34%	0.447%
84	14.521	2112	2114	2116	rVV	204892	202835	4.11%	0.345%
85	14.551	2116	2119	2121	rVV	285169	330797	6.70%	0.562%
86	14.568	2121	2122	2126	rVV3	222271	213225	4.32%	0.362%
87	14.621	2129	2131	2134	rVV	148011	145576	2.95%	0.247%
88	14.745	2150	2152	2161	rVB6	96661	207592	4.21%	0.353%
89	14.933	2180	2184	2187	rBV2	171315	216774	4.39%	0.368%
90	15.104	2207	2213	2216	rBV	1231978	2134213	43.23%	3.625%
91	15.210	2227	2231	2235	rBV	269998	277756	5.63%	0.472%
92	15.415	2261	2266	2272	rVB	727214	970459	19.66%	1.649%
93	15.486	2272	2278	2282	rBV	1094775	1412381	28.61%	2.399%
94	15.545	2284	2288	2290	rVV	240919	313838	6.36%	0.533%
95	15.574	2290	2293	2300	rVB2	281270	429411	8.70%	0.729%
96	17.098	2544	2552	2559	rBV	407712	874863	17.72%	1.486%
97	17.274	2577	2582	2588	rBV2	88459	191544	3.88%	0.325%
98	17.339	2589	2593	2599	rVB3	65658	136118	2.76%	0.231%
99	17.568	2625	2632	2645	rVB2	297012	679691	13.77%	1.155%
100	17.821	2670	2675	2683	rVB2	74770	167364	3.39%	0.284%

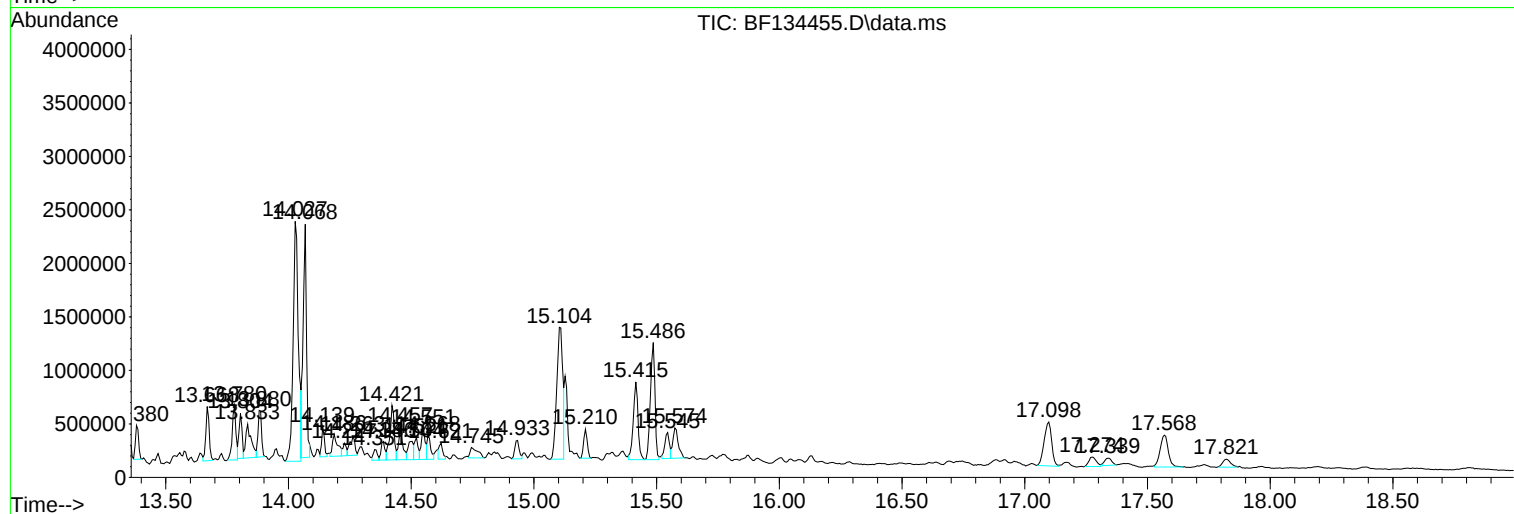
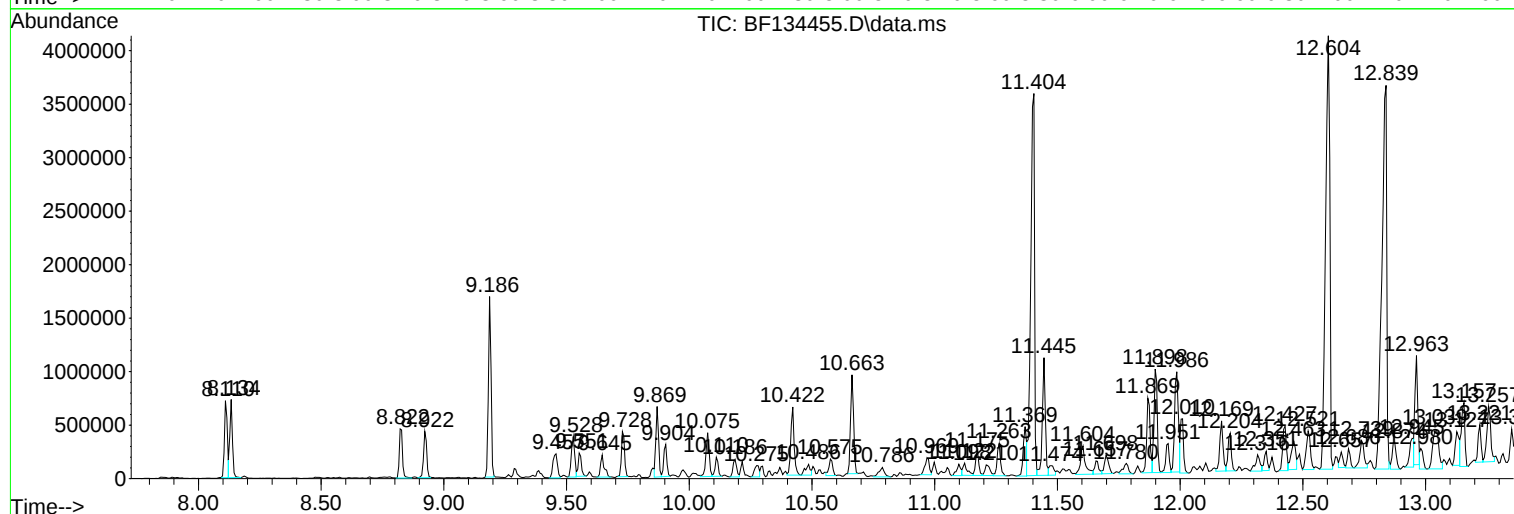
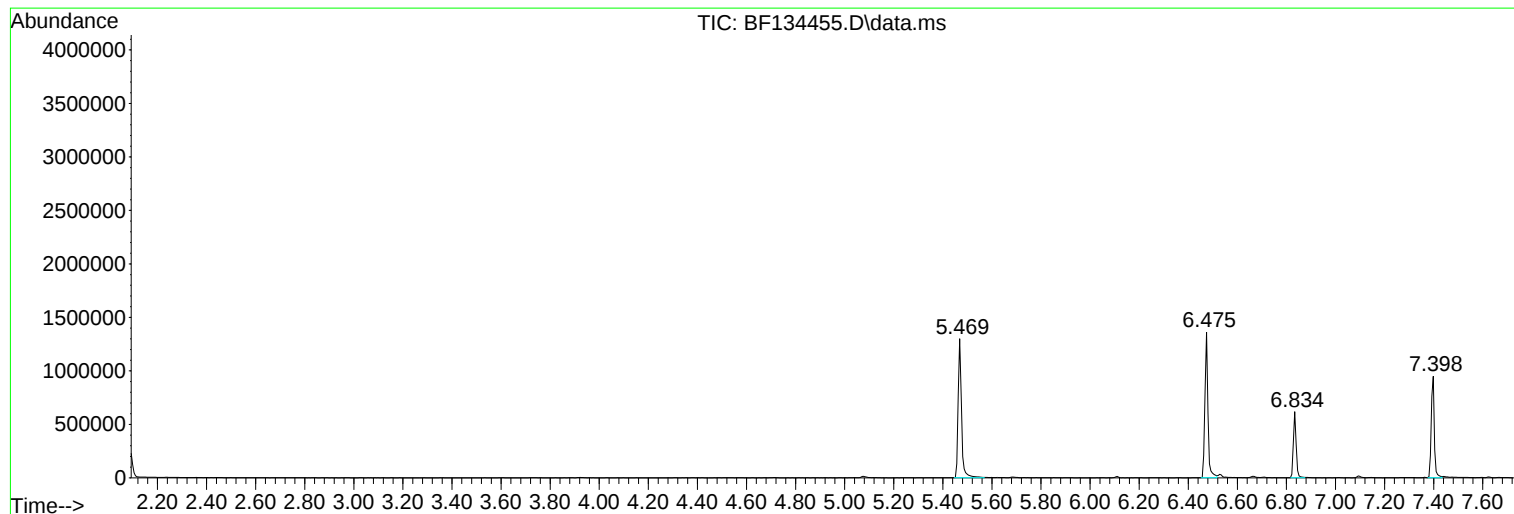
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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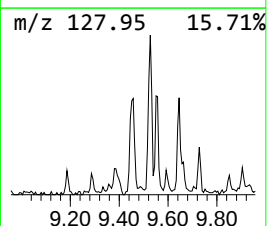
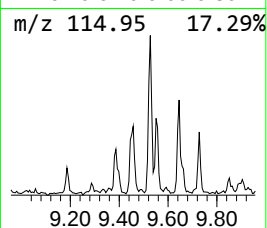
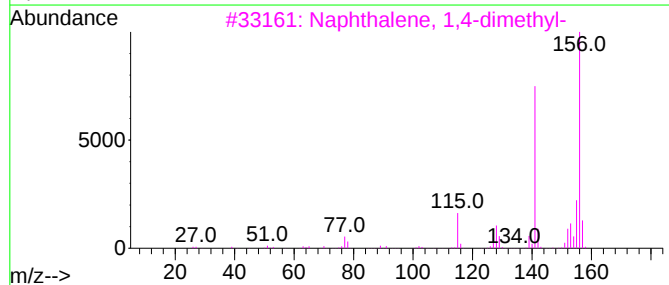
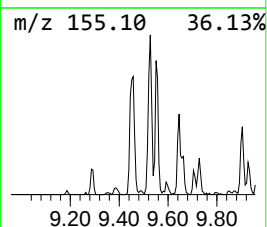
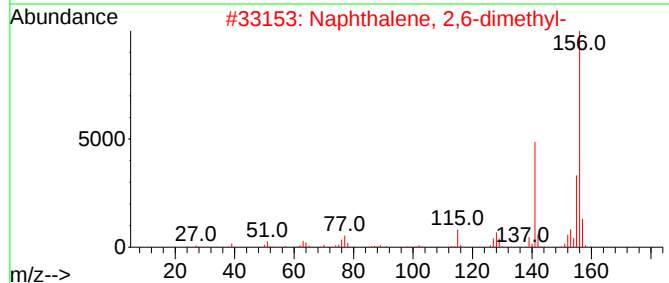
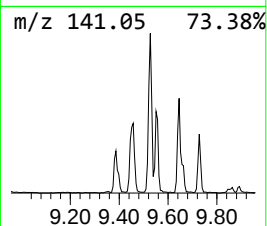
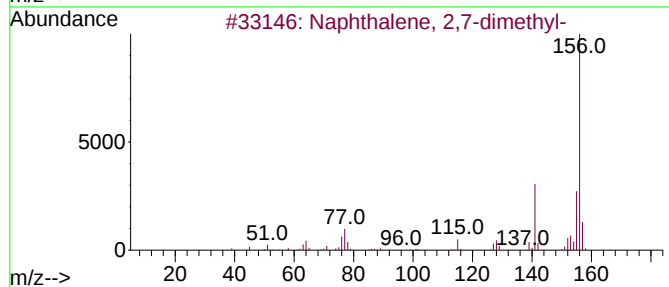
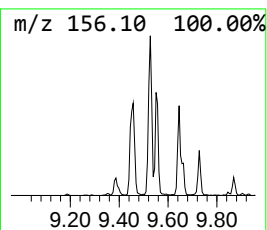
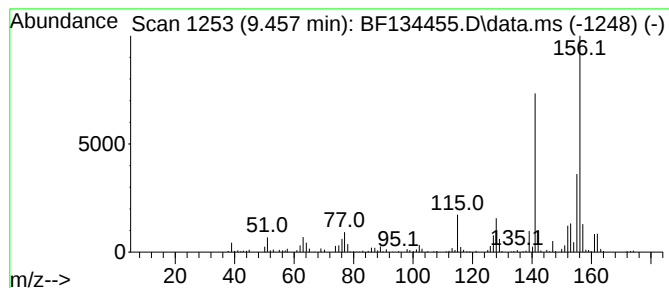
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	11.27 ng	285000	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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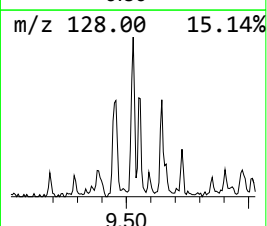
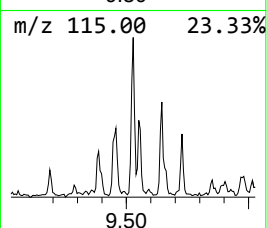
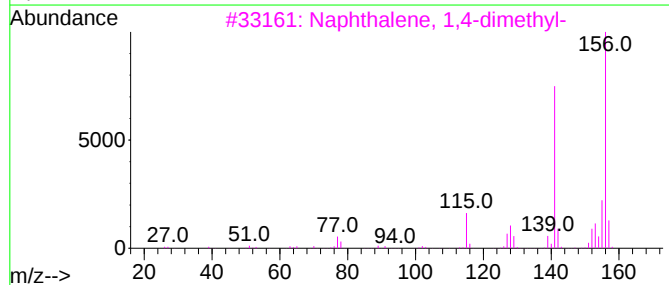
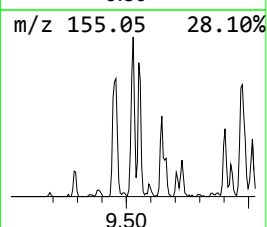
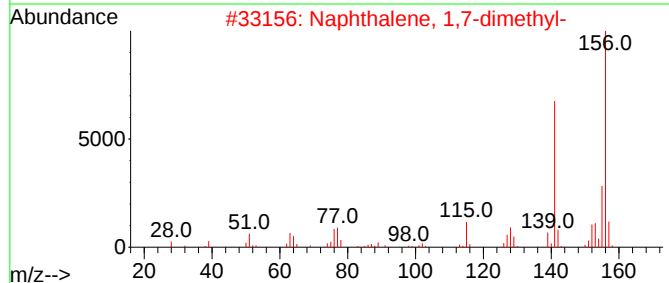
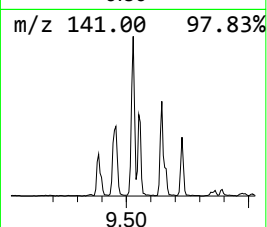
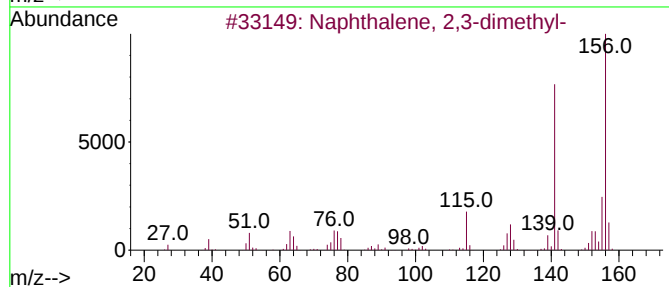
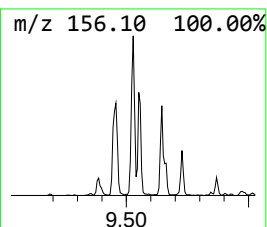
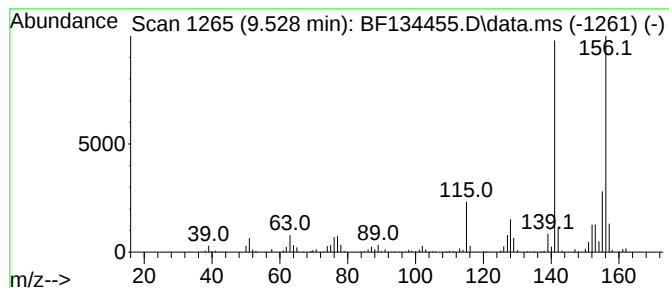
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	14.22 ng	359522	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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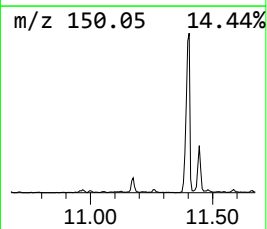
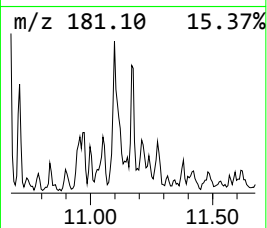
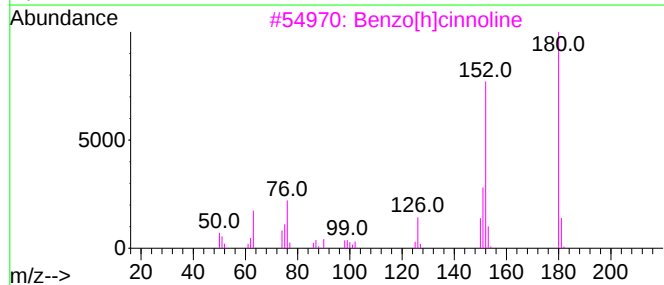
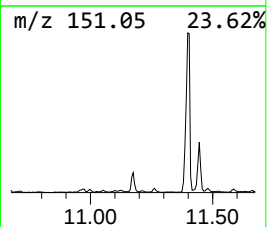
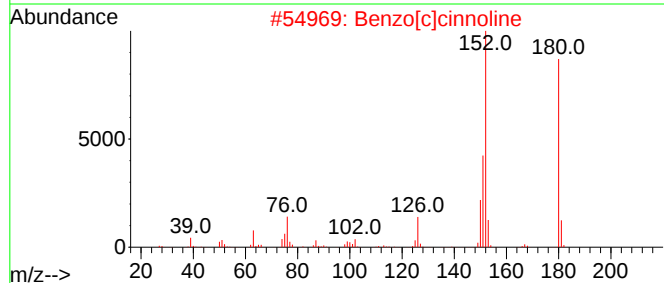
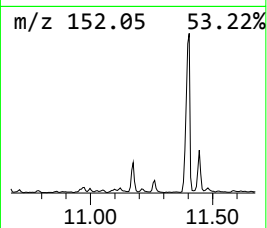
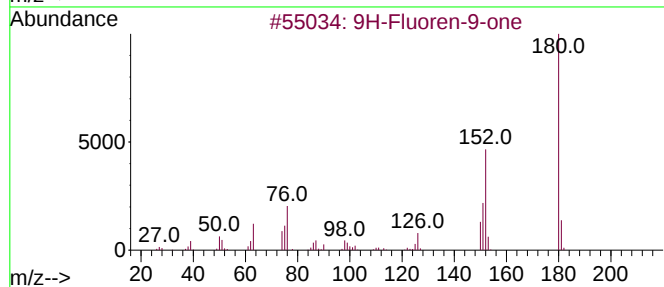
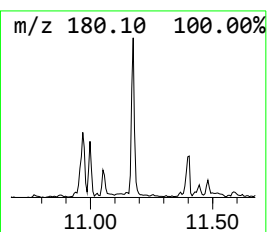
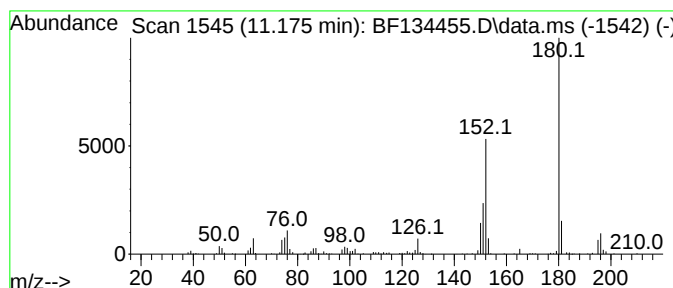
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BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.175	9.46 ng	206645	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

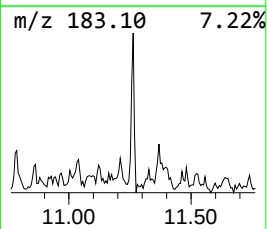
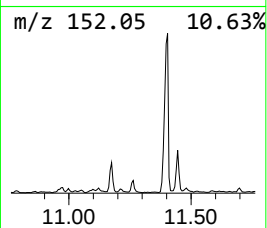
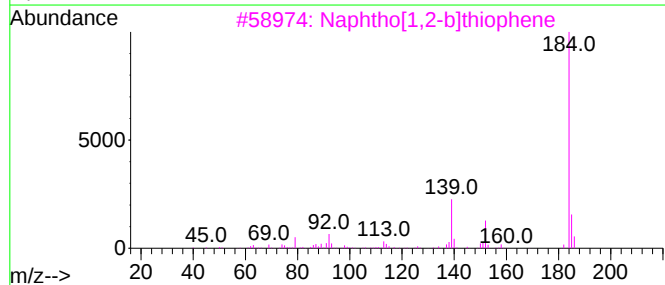
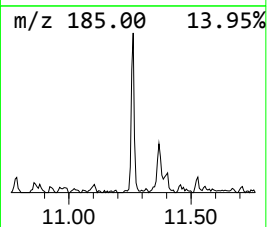
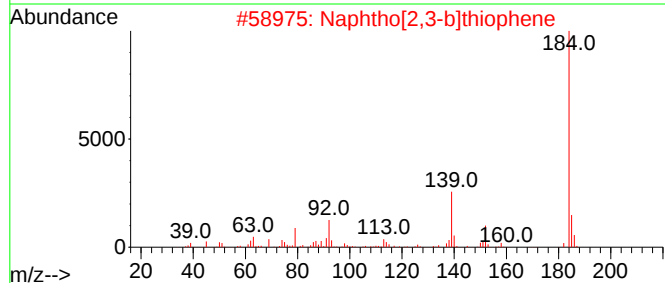
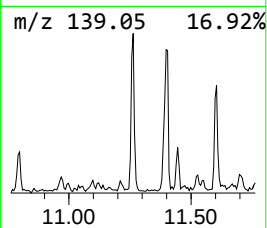
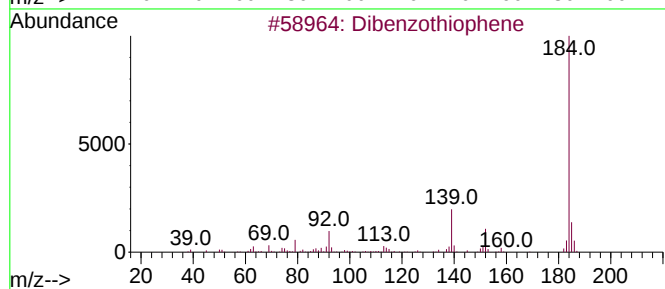
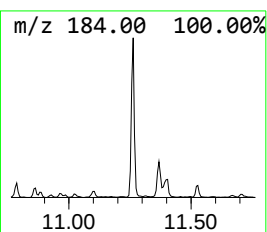
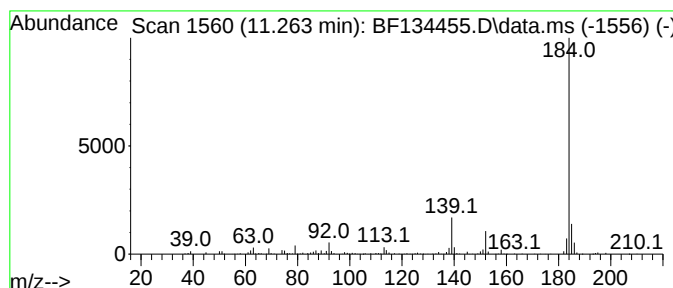
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.263	13.23 ng	289141	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
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Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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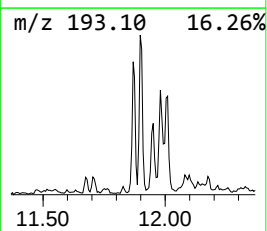
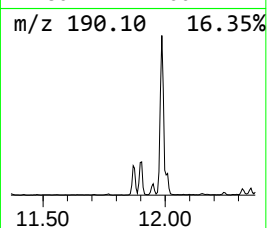
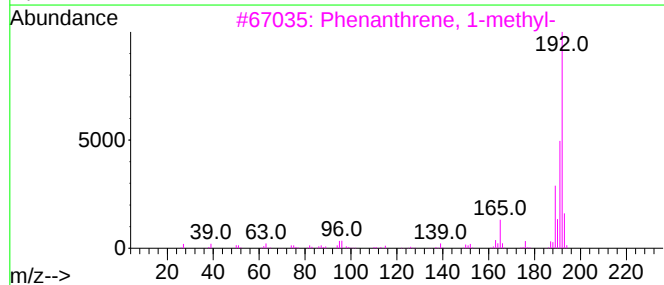
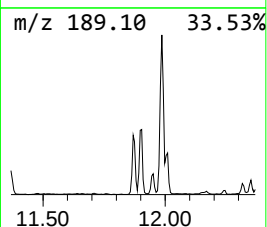
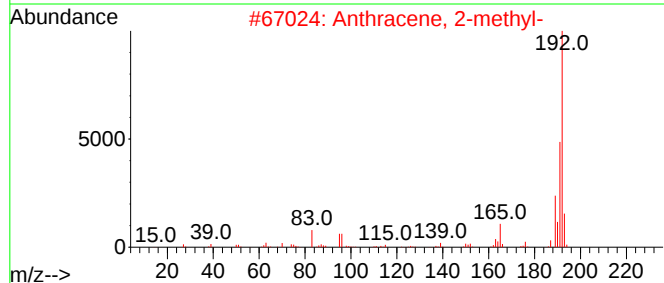
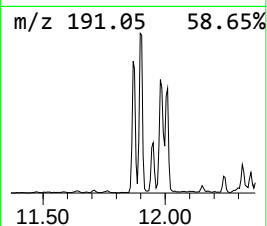
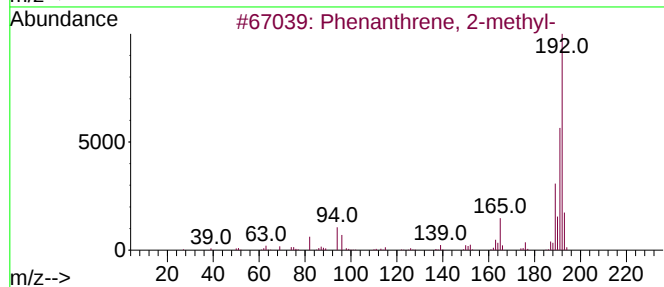
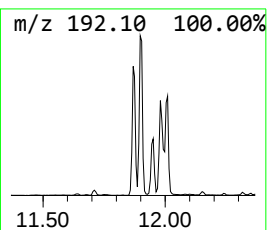
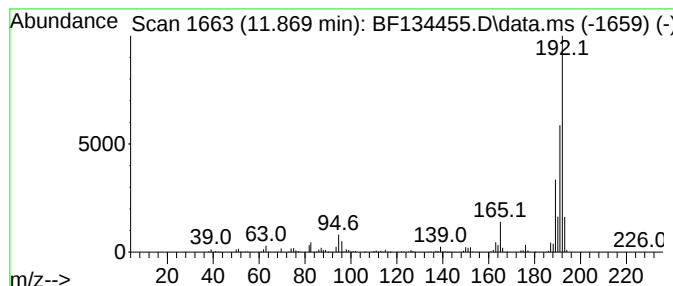
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	31.78 ng	694342	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
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Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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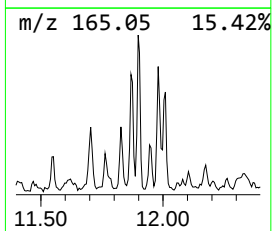
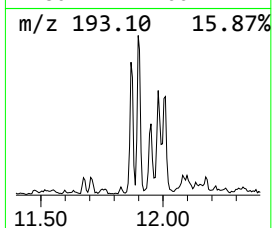
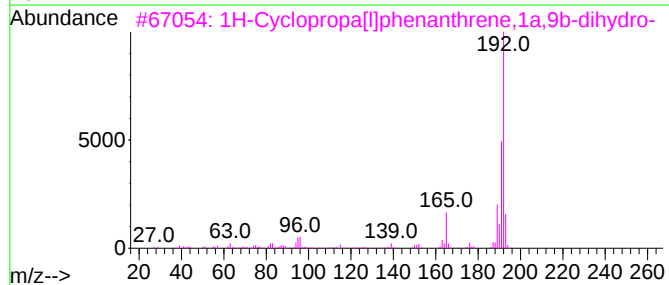
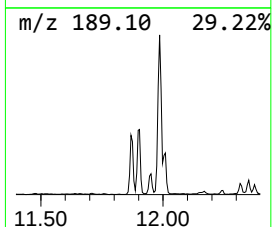
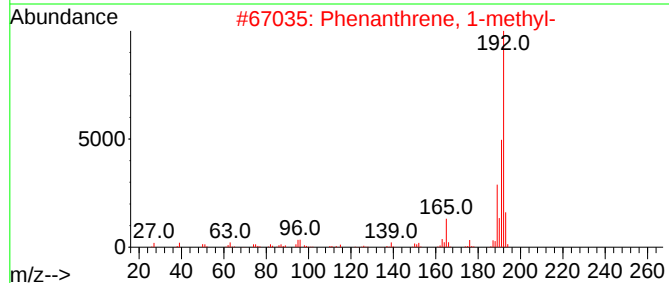
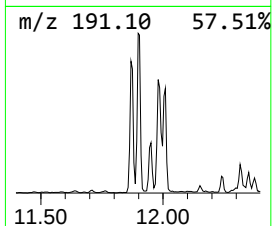
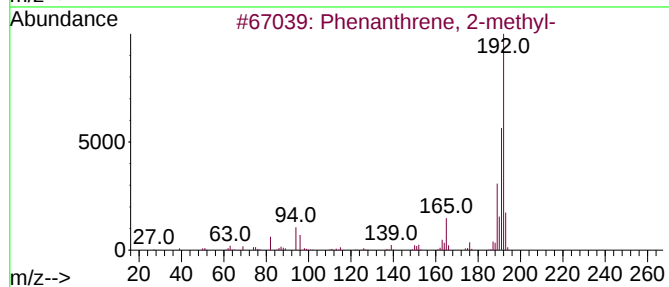
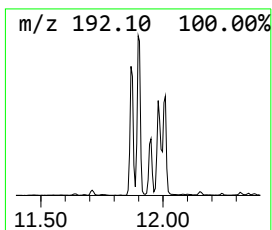
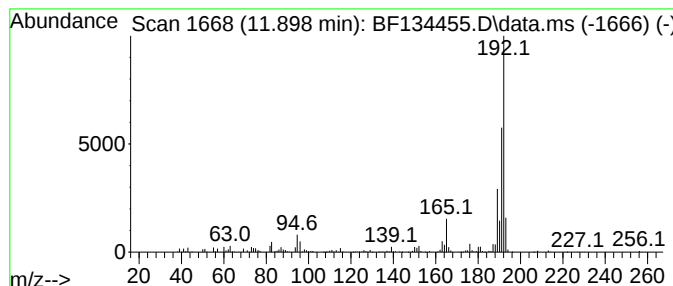
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	39.59 ng	864972	Phenanthrene-d10	11.369

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			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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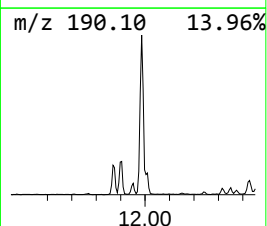
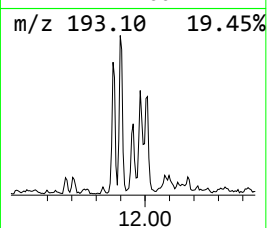
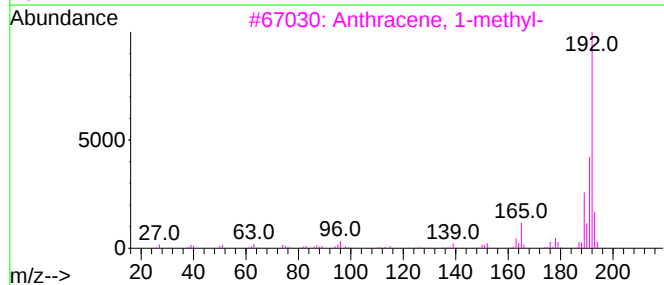
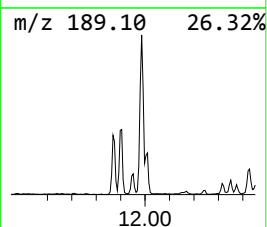
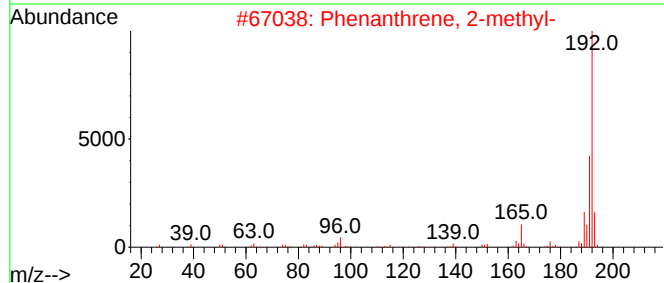
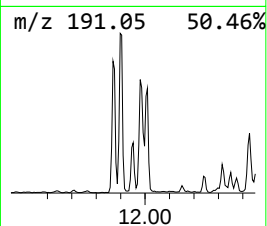
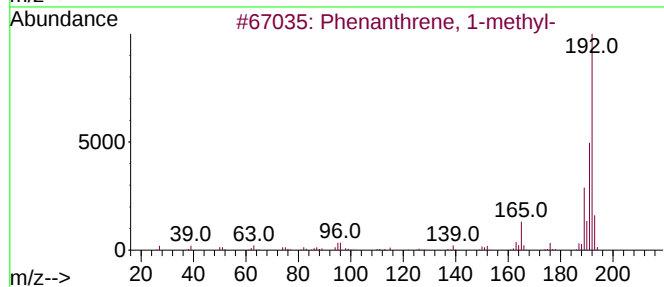
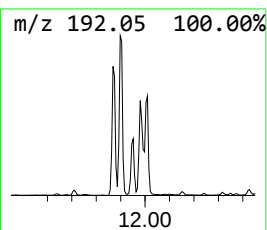
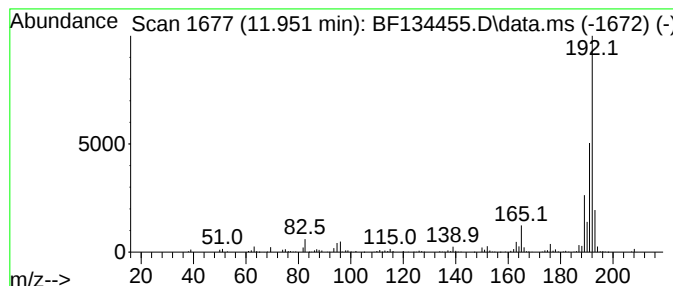
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.951	12.41 ng	271252	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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Misc :
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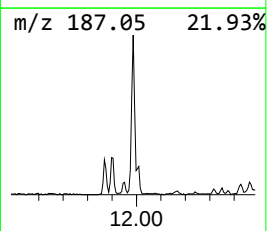
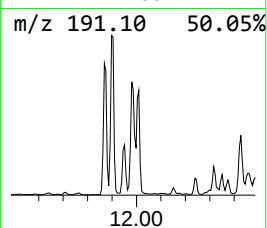
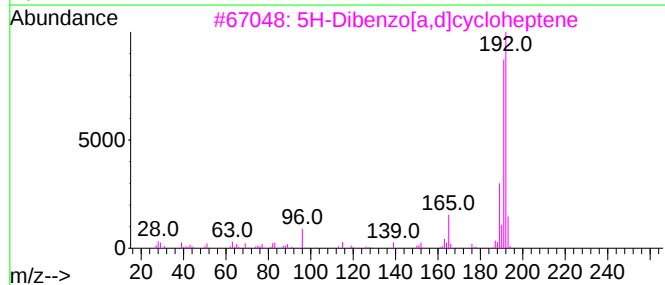
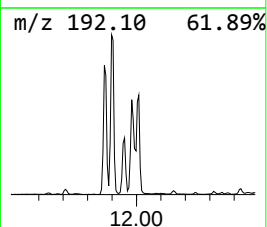
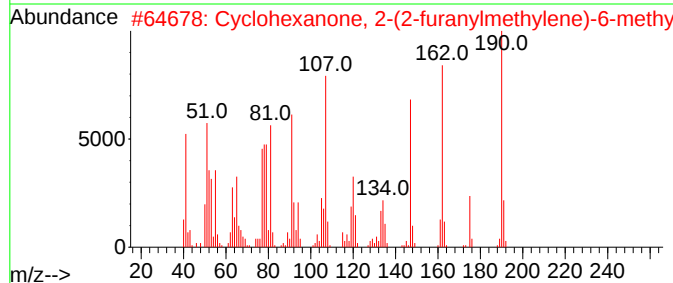
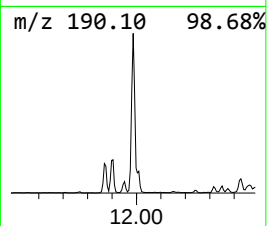
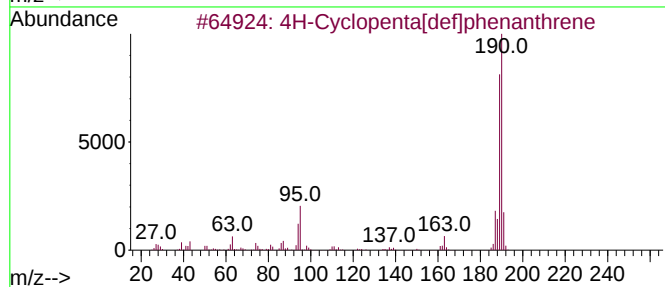
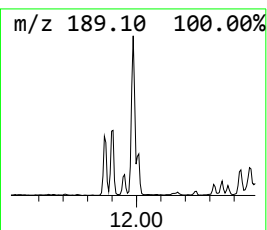
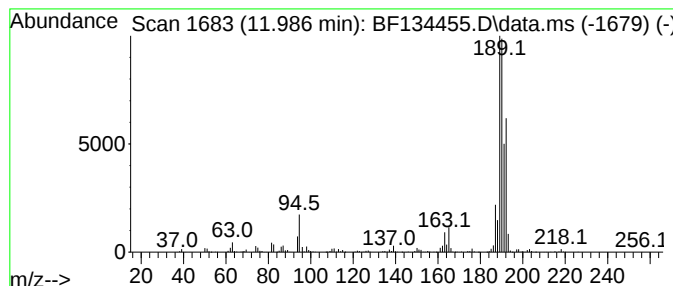
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.986	47.26 ng	1032570	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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ClientSampleId :
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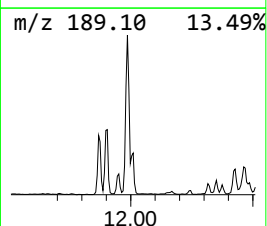
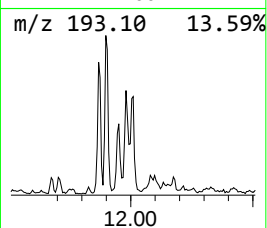
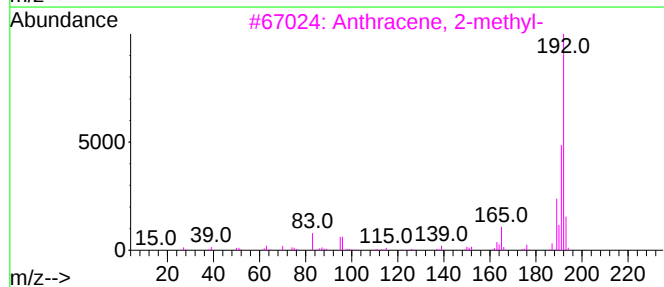
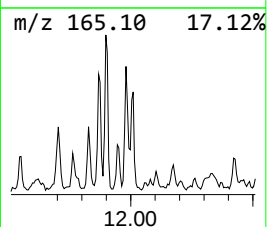
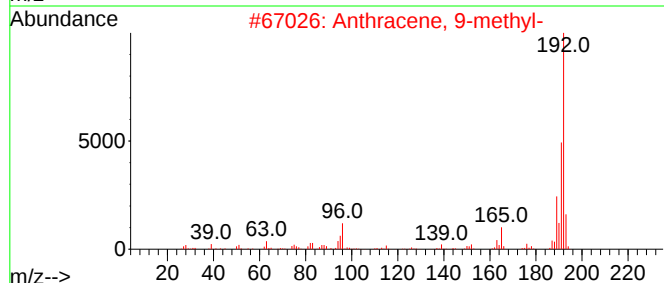
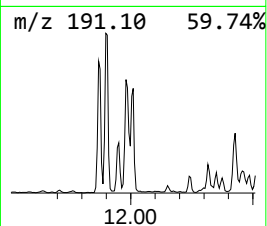
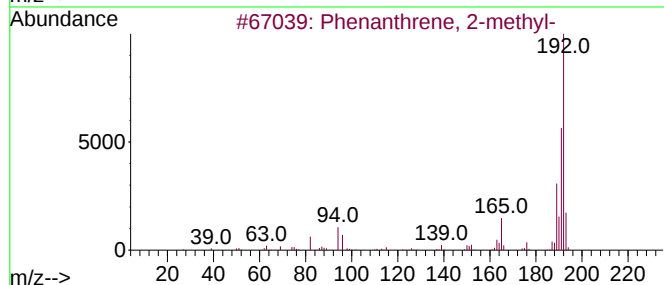
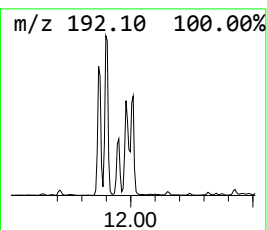
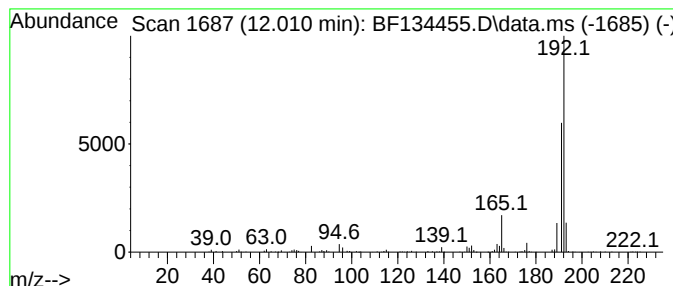
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	19.12 ng	417714	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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ALS Vial : 19 Sample Multiplier: 1

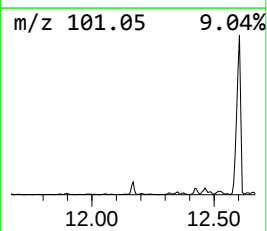
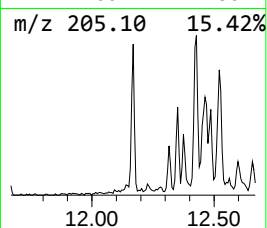
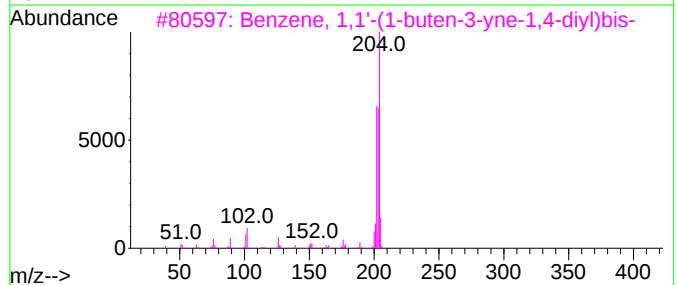
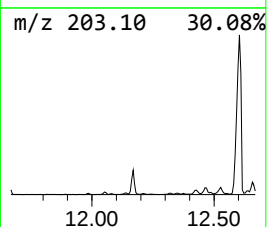
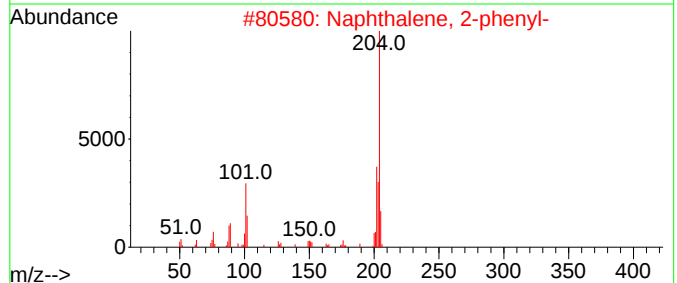
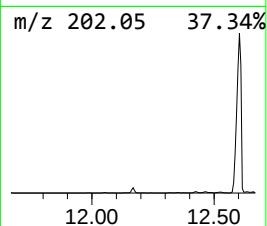
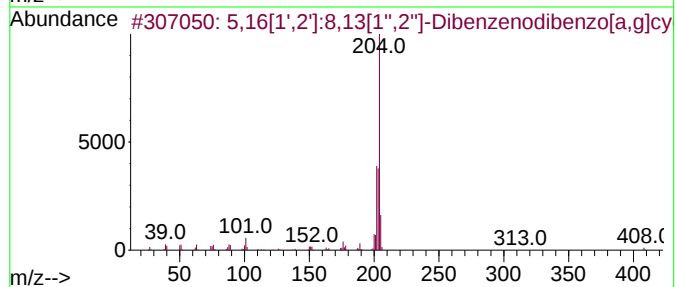
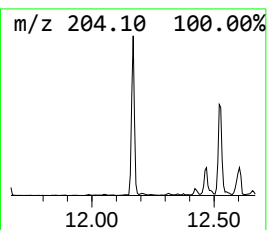
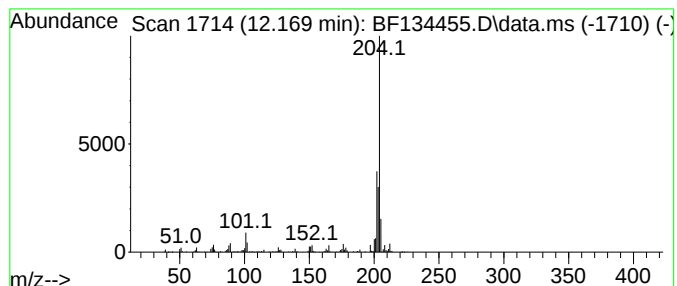
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.169	20.14 ng	439991	Phenanthrene-d10	11.369		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90	
3	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52	
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52	
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

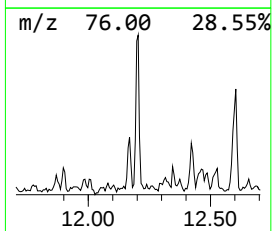
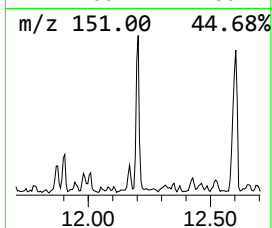
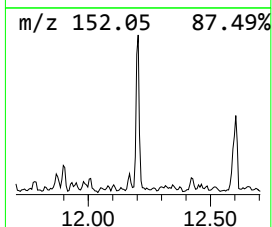
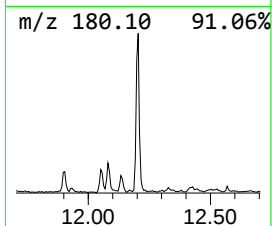
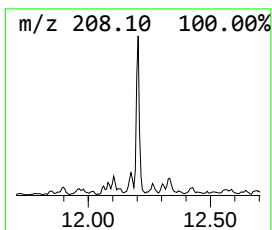
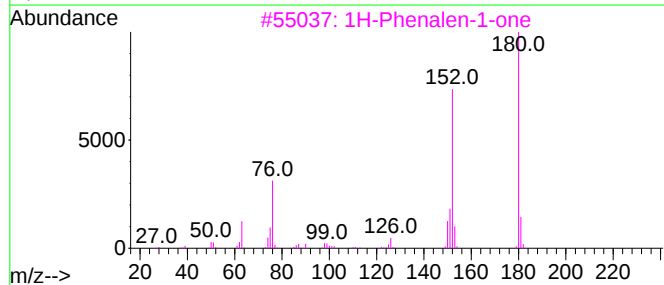
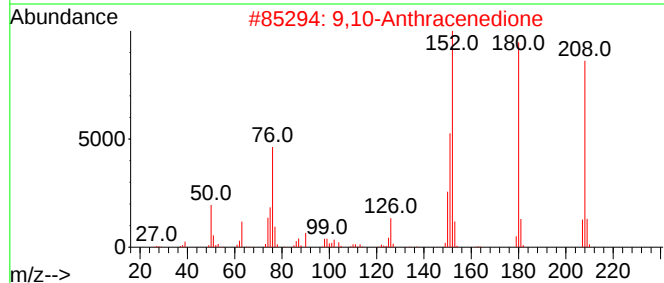
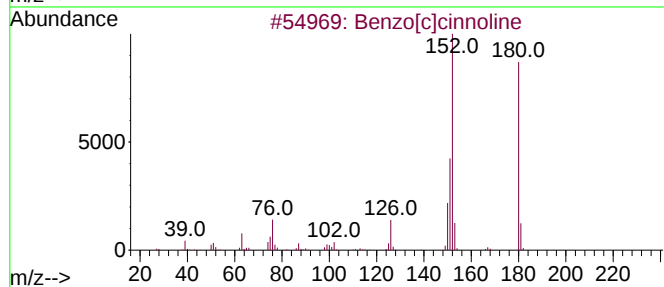
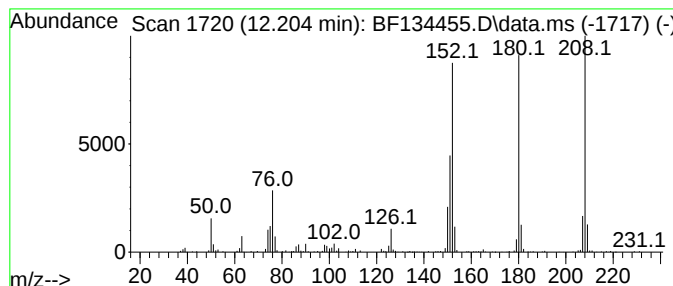
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[c]cinnoline Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.204	14.85 ng	324362	Phenanthrene-d10		11.369	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	96
2	9,10-Anthracenedione		208	C14H8O2	000084-65-1	95
3	1H-Phenalen-1-one		180	C13H8O	000548-39-0	92
4	9H-Fluoren-9-one		180	C13H8O	000486-25-9	55
5	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
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Sample : 03640-31
Misc :
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Instrument :
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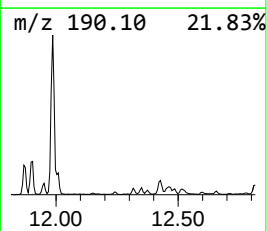
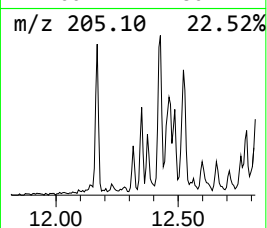
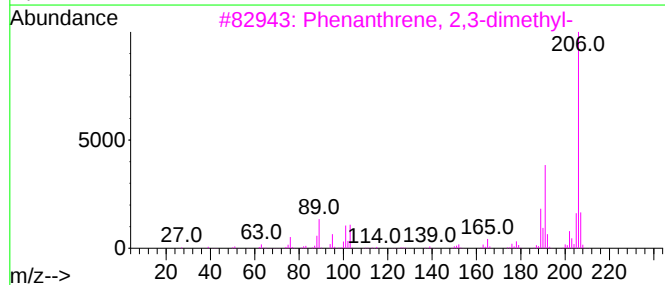
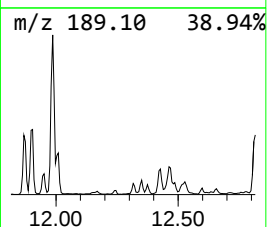
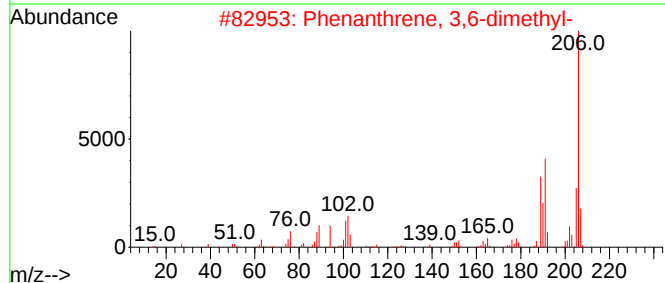
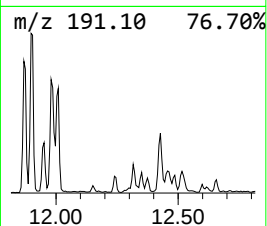
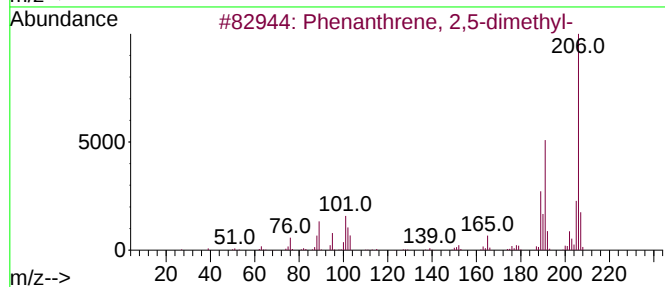
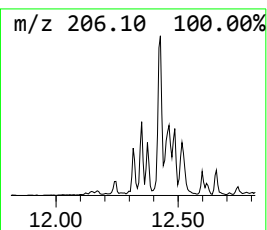
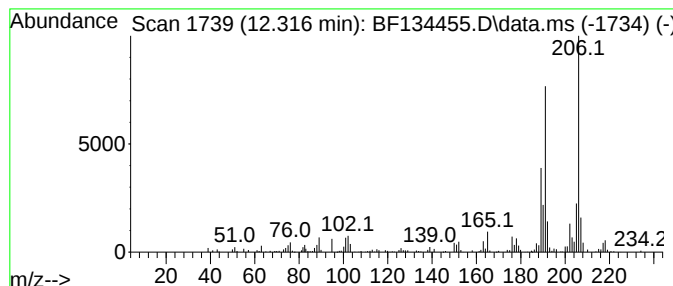
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	9.51 ng	207844	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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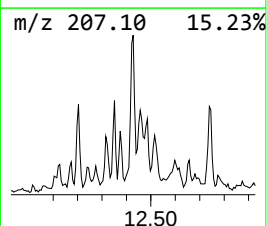
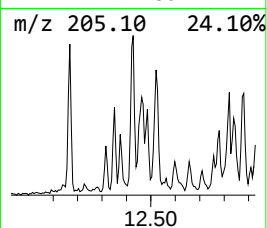
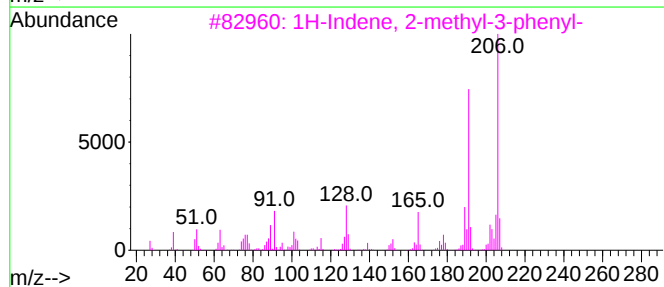
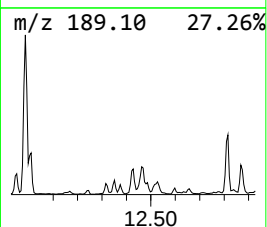
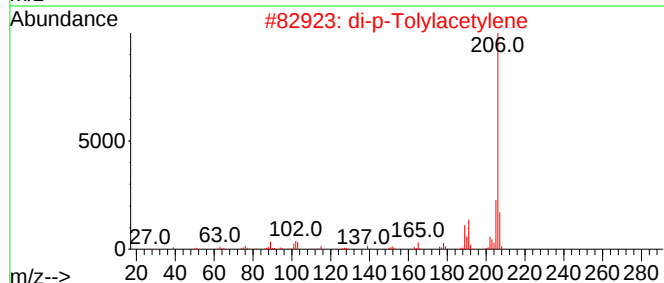
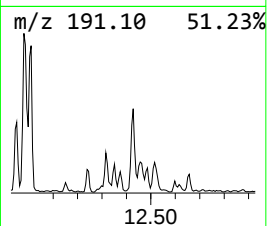
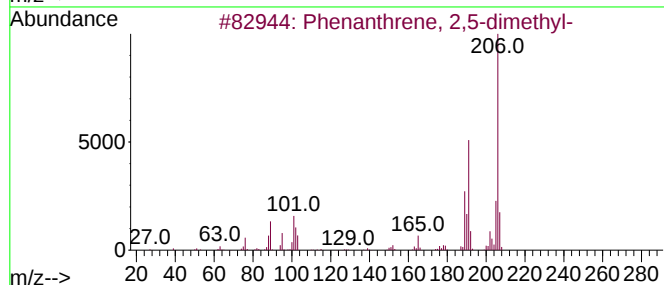
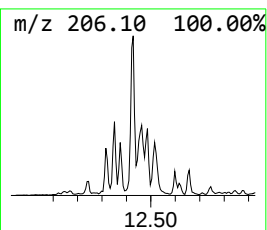
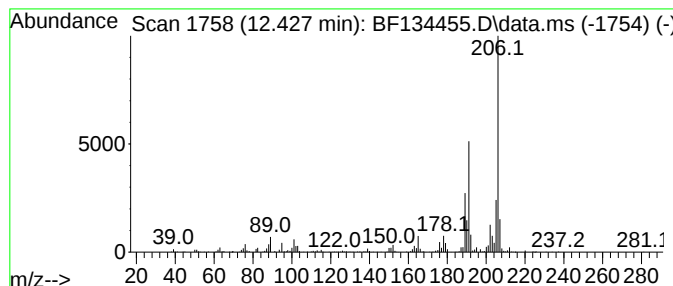
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	20.36 ng	444889	Phenanthrene-d10	11.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
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Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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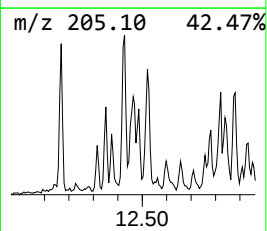
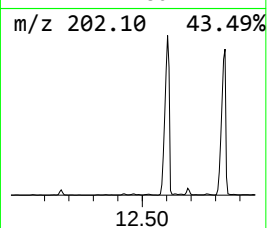
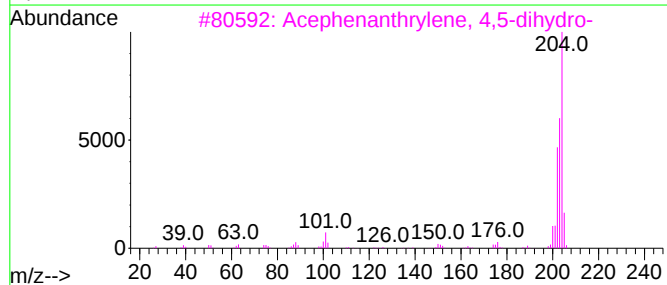
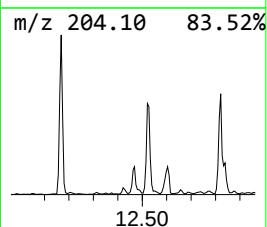
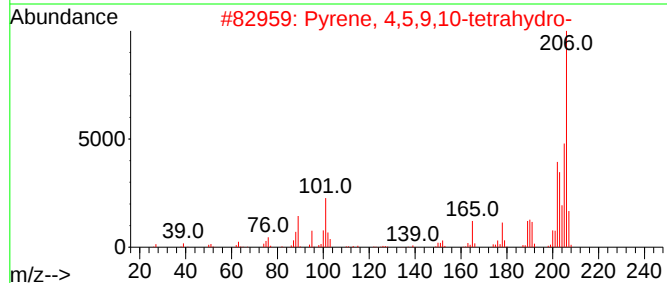
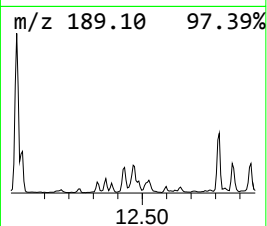
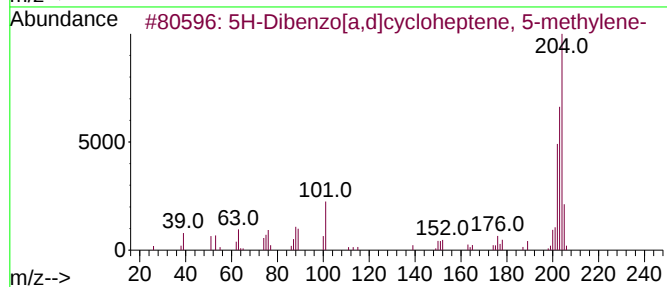
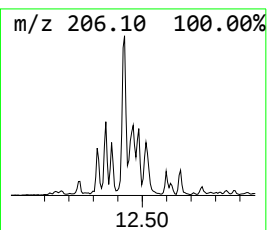
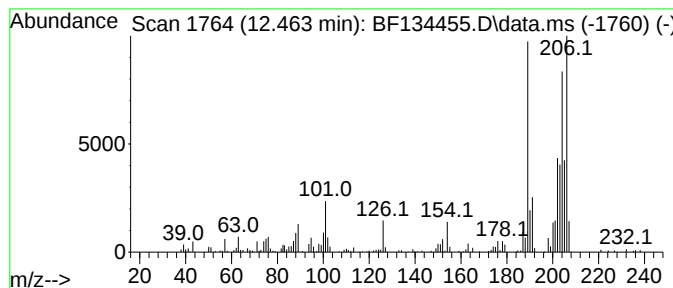
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	15.62 ng	341307	Phenanthrene-d10	11.369

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	60
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	55
3		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	47
4		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
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Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

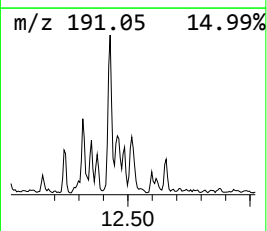
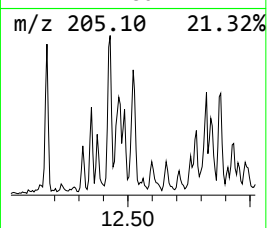
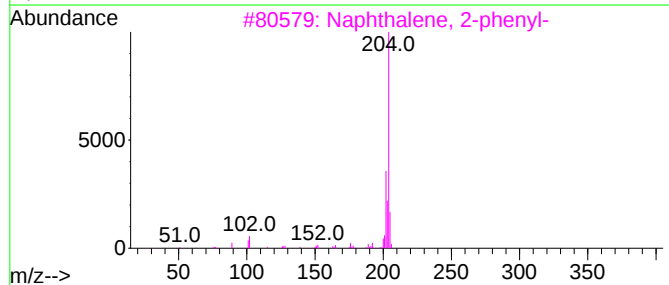
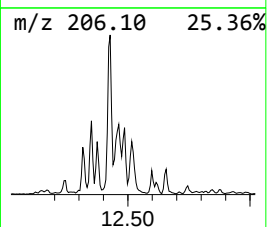
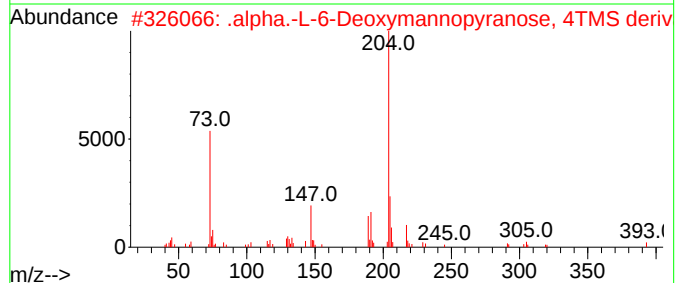
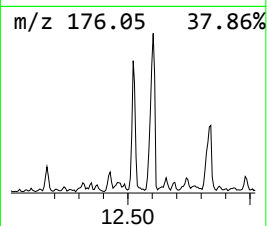
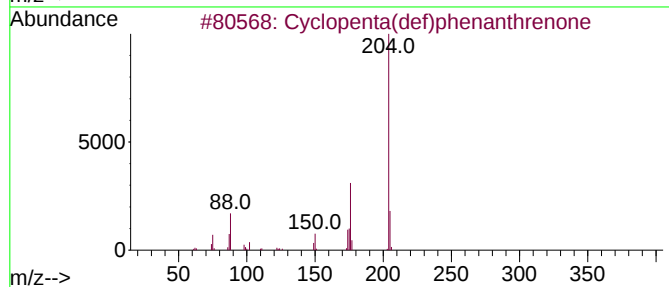
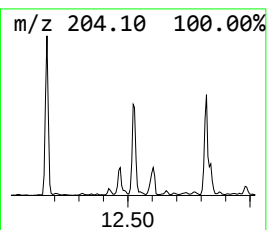
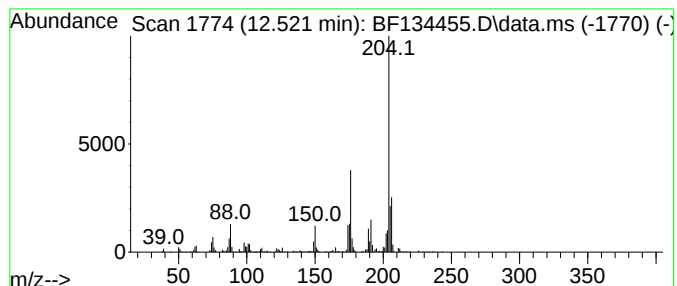
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.522	19.56 ng	427410	Phenanthrene-d10	11.369	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	47
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
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ALS Vial : 19 Sample Multiplier: 1

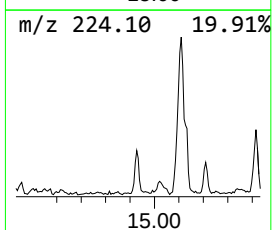
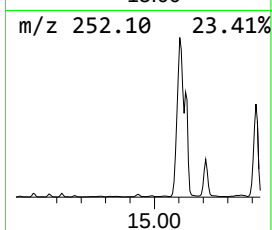
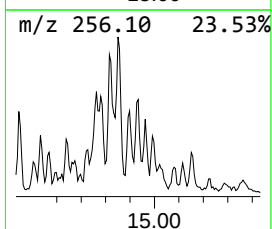
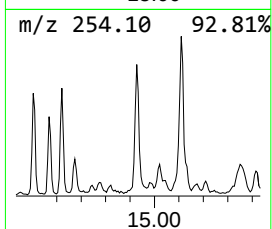
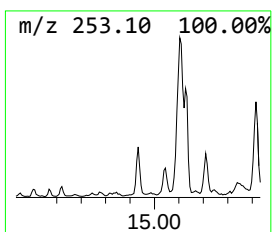
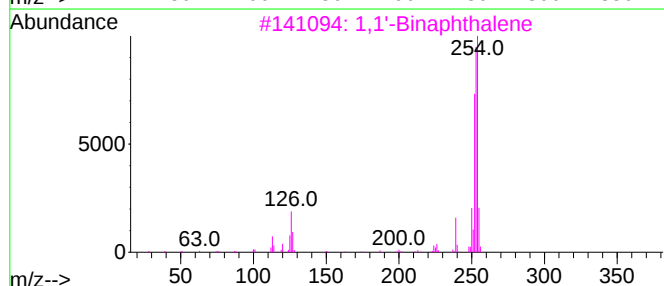
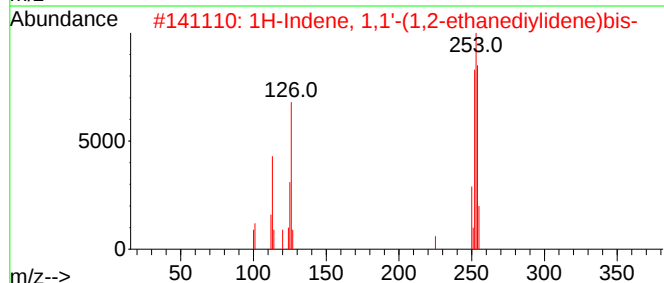
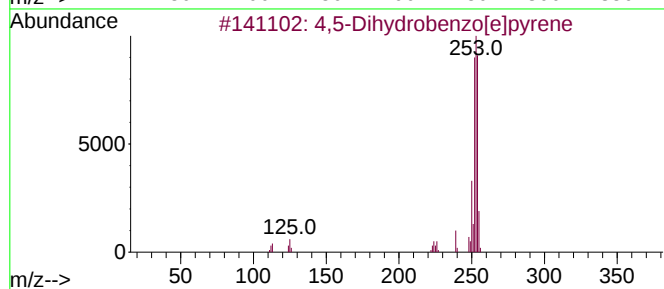
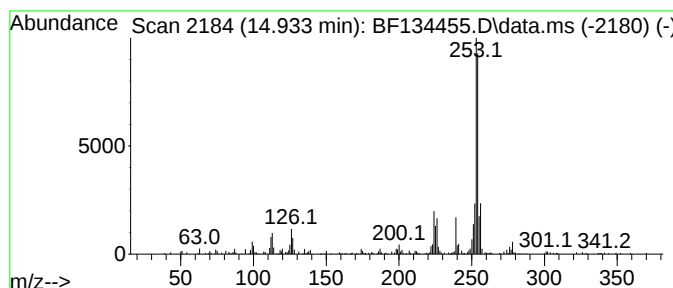
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,5-Dihydrobenzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.933	13.81 ng	216774	Perylene-d12	15.545	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	89
2	1H-Indene, 1,1'-(1,2-ethanediyl)li...	254	C20H14	072088-04-1	70
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	68
4	Phenanthrene, 1-phenyl-	254	C20H14	004325-76-2	62
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11

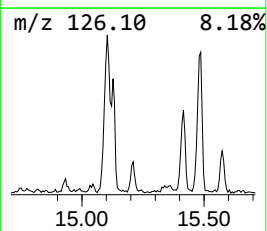
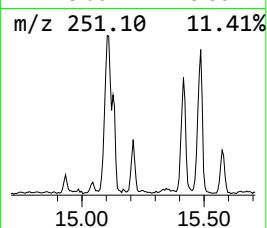
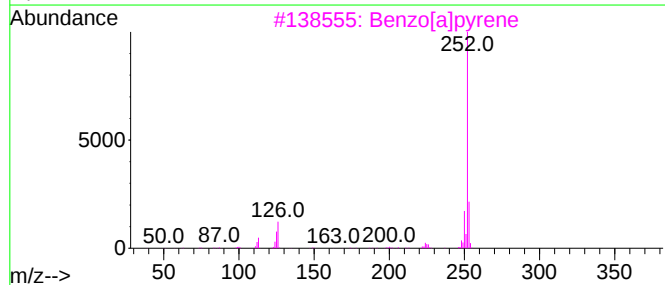
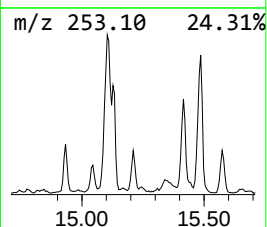
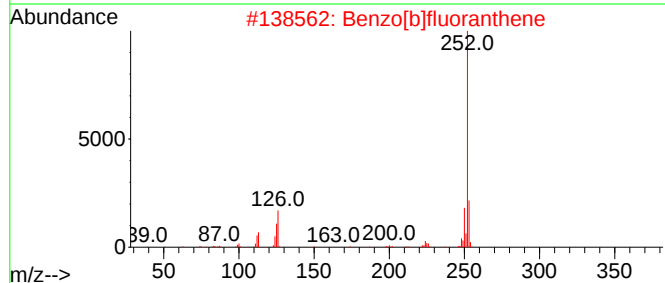
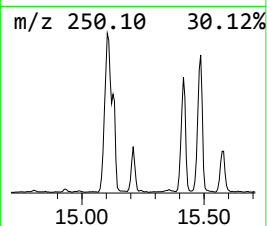
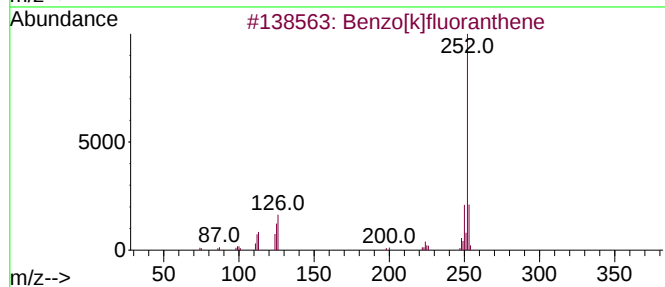
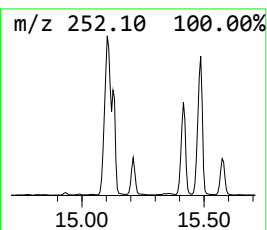
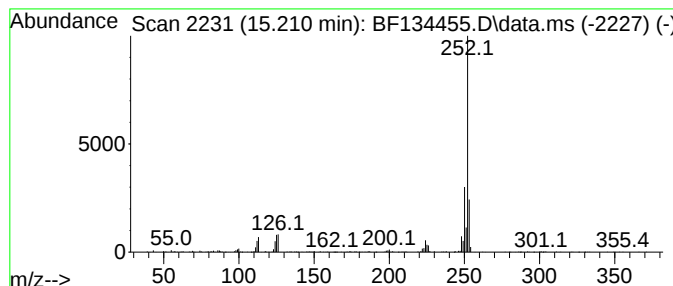
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	17.70 ng	277756	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[e]pyrene	252	C20H12	000192-97-2	81
5			Perylene	252	C20H12	000198-55-0	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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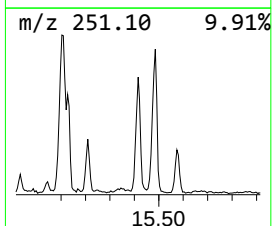
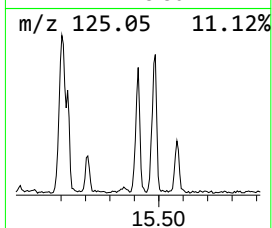
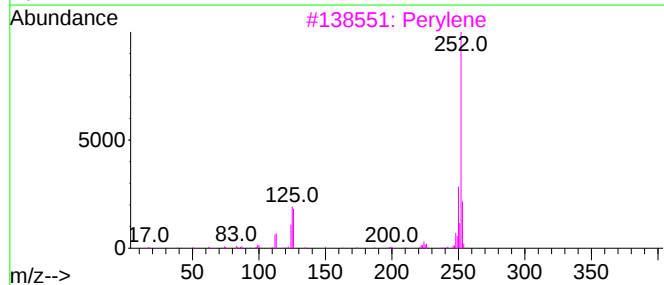
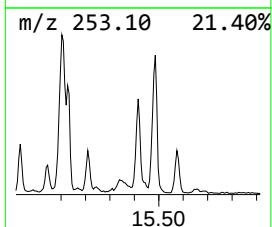
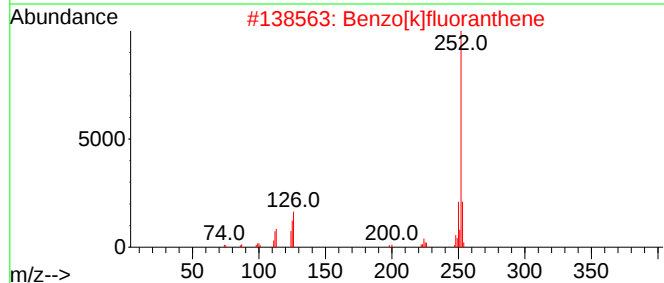
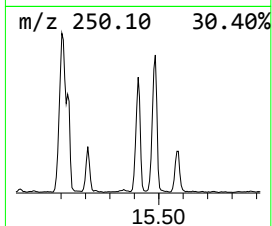
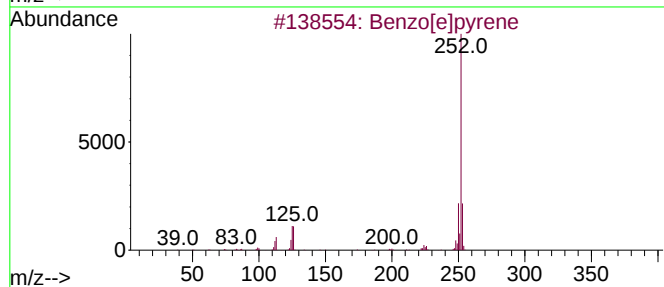
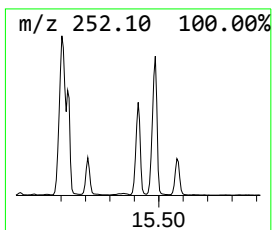
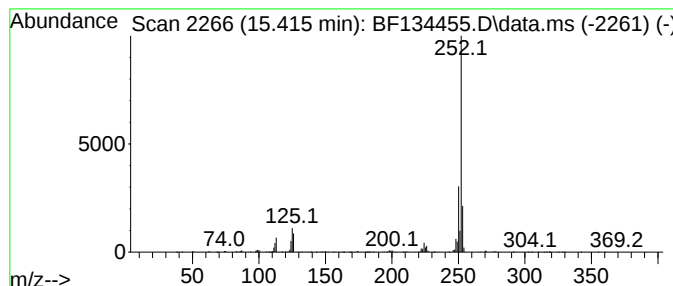
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	61.84 ng	970459	Perylene-d12	15.545

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			Perylene	252	C20H12	000198-55-0	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11

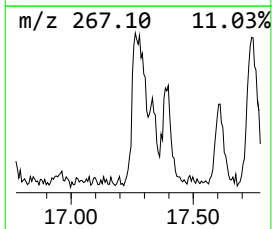
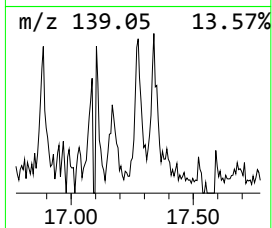
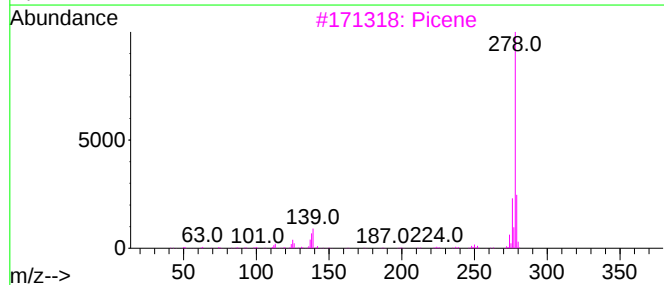
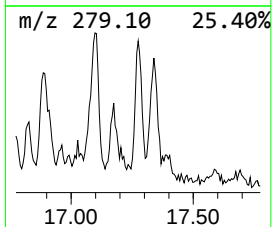
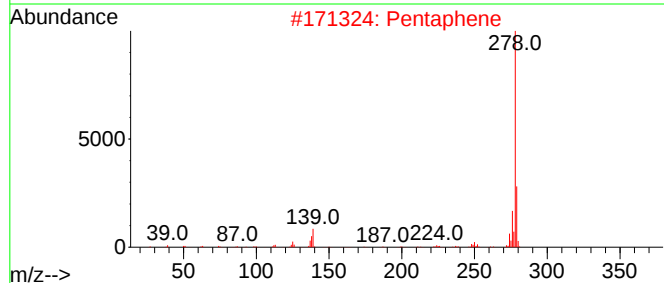
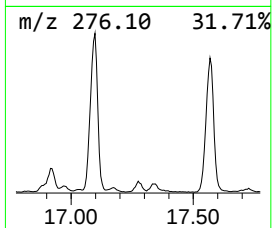
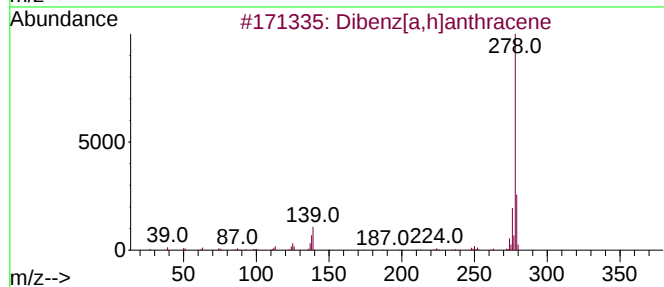
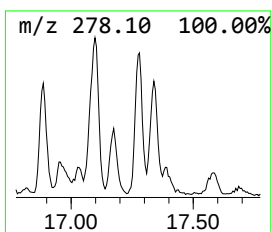
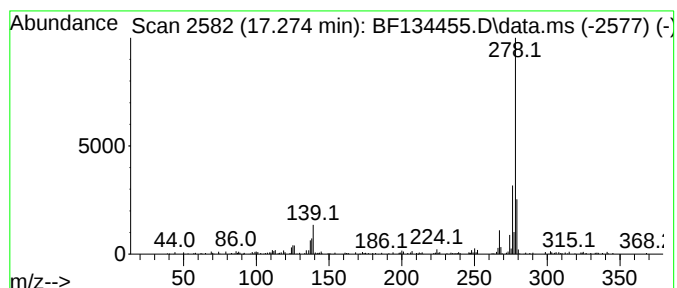
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentaphene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.274	12.21 ng	191544	Perylene-d12	15.545

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
2		Pentaphene	278	C22H14	000222-93-5	95
3		Picene	278	C22H14	000213-46-7	93
4		Pentacene	278	C22H14	000135-48-8	92
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

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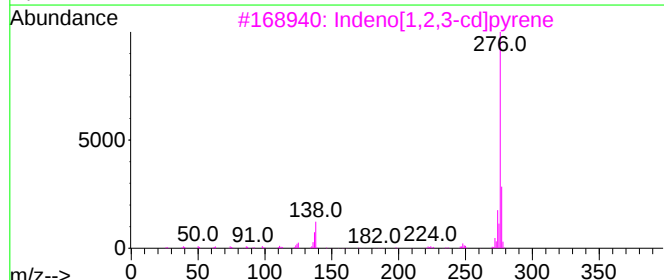
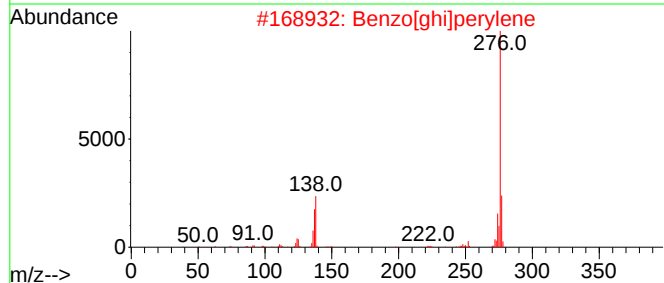
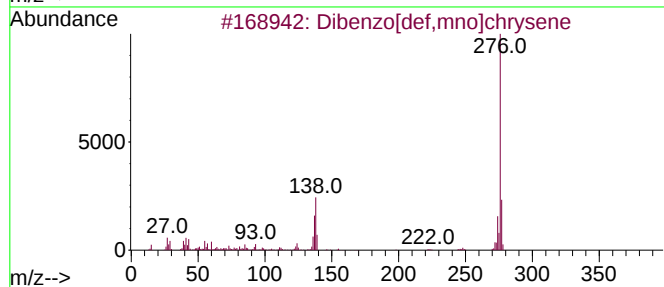
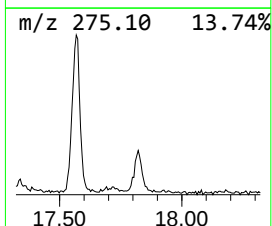
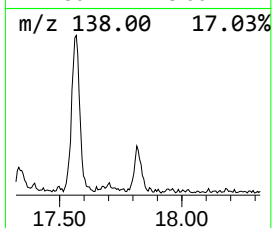
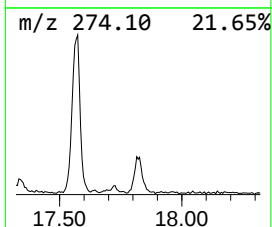
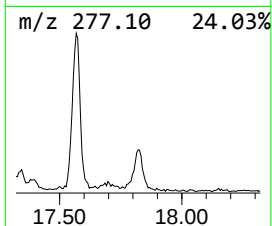
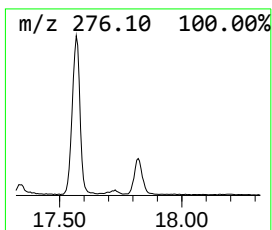
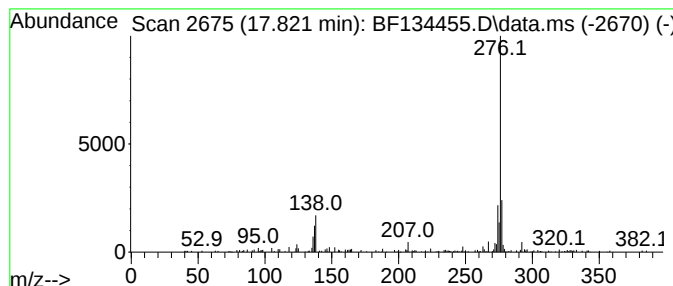
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.821	10.67 ng	167364	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4			Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5			Phenol, 2-(4-chlorophenylimino...	276	C13H9ClN2O3	1000262-90-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134455.D
Acq On : 25 Jul 2023 05:15
Operator : CG\JU
Sample : 03640-31
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Naphthalene, 2,...	9.457	11.3	ng	285000	3	9.869	505682	20.0
Naphthalene, 2,...	9.528	14.2	ng	359522	3	9.869	505682	20.0
9H-Fluoren-9-one	11.175	9.5	ng	206645	4	11.369	436985	20.0
Dibenzothiophene	11.263	13.2	ng	289141	4	11.369	436985	20.0
Phenanthrene, 2...	11.869	31.8	ng	694342	4	11.369	436985	20.0
Phenanthrene, 1...	11.898	39.6	ng	864972	4	11.369	436985	20.0
Anthracene, 1-m...	11.951	12.4	ng	271252	4	11.369	436985	20.0
4H-Cyclopenta[d...	11.986	47.3	ng	1032570	4	11.369	436985	20.0
Anthracene, 9-m...	12.010	19.1	ng	417714	4	11.369	436985	20.0
5,16[1',2']:8,1...	12.169	20.1	ng	439991	4	11.369	436985	20.0
Benzo[c]cinnoline	12.204	14.9	ng	324362	4	11.369	436985	20.0
Phenanthrene, 2...	12.316	9.5	ng	207844	4	11.369	436985	20.0
di-p-Tolylacety...	12.427	20.4	ng	444889	4	11.369	436985	20.0
5H-Dibenzo[a,d]...	12.463	15.6	ng	341307	4	11.369	436985	20.0
Cyclopenta(def)...	12.522	19.6	ng	427410	4	11.369	436985	20.0
4,5-Dihydrobenz...	14.933	13.8	ng	216774	6	15.545	313838	20.0
Benzo[e]pyrene	15.210	17.7	ng	277756	6	15.545	313838	20.0
Perylene	15.415	61.8	ng	970459	6	15.545	313838	20.0
Pentaphene	17.274	12.2	ng	191544	6	15.545	313838	20.0
Dibenzo[def,mno...	17.821	10.7	ng	167364	6	15.545	313838	20.0