

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134953.D
 Acq On : 25 Aug 2023 21:50
 Operator : CG\JU
 Sample : 04093-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z45-46

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	561	566	569	rVB	1563503	1507847	11.21%	1.024%
2	6.422	734	737	742	rVV	1583959	1546698	11.50%	1.050%
3	6.616	767	770	776	rVB2	473913	501788	3.73%	0.341%
4	6.787	796	799	803	rBV	668891	575940	4.28%	0.391%
5	6.969	826	830	833	rVB	3008812	2402560	17.87%	1.631%
6	7.322	885	890	892	rVV	544652	448095	3.33%	0.304%
7	7.351	892	895	899	rVV2	1412670	1203671	8.95%	0.817%
8	7.739	959	961	967	rVB	645818	561634	4.18%	0.381%
9	7.822	967	975	977	rBV3	624653	1045263	7.77%	0.710%
10	7.851	977	980	985	rVV	1056624	1446985	10.76%	0.983%
11	8.116	1012	1025	1027	rBV	7304334	13447647	100.00%	9.131%
12	8.145	1027	1030	1036	rVB2	922952	915941	6.81%	0.622%
13	8.428	1074	1078	1080	rBV2	285815	403261	3.00%	0.274%
14	8.575	1101	1103	1108	rVV3	520187	502891	3.74%	0.341%
15	8.710	1122	1126	1129	rVV3	262847	423919	3.15%	0.288%
16	8.786	1136	1139	1142	rVB	3522749	3222239	23.96%	2.188%
17	8.892	1151	1157	1160	rBV	5337438	5676672	42.21%	3.854%
18	9.145	1197	1200	1205	rVB	1985742	1674344	12.45%	1.137%
19	9.251	1215	1218	1221	rVB	1887326	1470974	10.94%	0.999%
20	9.345	1231	1234	1239	rVB	1742379	1947281	14.48%	1.322%
21	9.422	1239	1247	1249	rBV	2447365	3358705	24.98%	2.281%
22	9.492	1254	1259	1261	rVV	3499734	3746805	27.86%	2.544%
23	9.516	1261	1263	1266	rVV	2016572	1632611	12.14%	1.109%
24	9.551	1266	1269	1272	rVV3	449326	480551	3.57%	0.326%
25	9.604	1275	1278	1286	rVV	1883240	2191323	16.30%	1.488%
26	9.686	1290	1292	1298	rVB	1908006	1580305	11.75%	1.073%
27	9.816	1310	1314	1319	rBV2	1139103	1604267	11.93%	1.089%
28	9.869	1319	1323	1326	rVV	5228421	5980184	44.47%	4.061%
29	9.933	1330	1334	1338	rVB	1113535	1336273	9.94%	0.907%
30	9.975	1338	1341	1345	rBV3	307900	412176	3.07%	0.280%
31	10.033	1347	1351	1354	rVV	1369949	1465204	10.90%	0.995%
32	10.075	1354	1358	1361	rVV	1015171	960091	7.14%	0.652%
33	10.145	1365	1370	1373	rBV2	993158	1190418	8.85%	0.808%
34	10.175	1373	1375	1377	rVV	776529	631003	4.69%	0.428%
35	10.239	1381	1386	1388	rBV2	718186	1001870	7.45%	0.680%
36	10.286	1391	1394	1396	rBV	582510	479206	3.56%	0.325%

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.333	1396	1402	1403	rBV4	384302	622793	4.63%	0.423%
38	10.351	1403	1405	1407	rVV	745697	539999	4.02%	0.367%
39	10.380	1407	1410	1416	rVV	2790360	3006892	22.36%	2.042%
40	10.428	1416	1418	1423	rVV2	958549	1262992	9.39%	0.858%

41	10.463	1423	1424	1426	rVV2	477021	386893	2.88%	0.263%
42	10.492	1426	1429	1431	rVV2	1211021	1149994	8.55%	0.781%
43	10.533	1434	1436	1439	rVV2	459843	522968	3.89%	0.355%
44	10.563	1439	1441	1445	rVB	488910	430046	3.20%	0.292%
45	10.604	1445	1448	1449	rBV	1326133	1149510	8.55%	0.781%

46	10.616	1449	1450	1454	rVB	1171620	984137	7.32%	0.668%
47	10.745	1469	1472	1479	rVB2	507624	547305	4.07%	0.372%
48	10.928	1499	1503	1506	rVV	911006	1252981	9.32%	0.851%
49	10.957	1506	1508	1511	rVV	833622	674284	5.01%	0.458%
50	11.010	1514	1517	1521	rVB	570528	546551	4.06%	0.371%

51	11.080	1526	1529	1531	rVV4	446650	508277	3.78%	0.345%
52	11.127	1535	1537	1542	rVV	594634	600810	4.47%	0.408%
53	11.216	1548	1552	1561	rVB	1516282	1632075	12.14%	1.108%
54	11.327	1567	1571	1572	rBV	538205	675064	5.02%	0.458%
55	11.363	1572	1577	1579	rVV	6221847	7548074	56.13%	5.125%

56	11.404	1579	1584	1586	rVV	3092387	2660187	19.78%	1.806%
57	11.657	1623	1627	1632	rVB2	647817	694195	5.16%	0.471%
58	11.739	1638	1641	1645	rVB	494266	555152	4.13%	0.377%
59	11.827	1653	1656	1659	rVV	2048194	2172658	16.16%	1.475%
60	11.863	1659	1662	1665	rVV	2379516	2195210	16.32%	1.491%

61	11.904	1666	1669	1672	rVV	1061279	1033353	7.68%	0.702%
62	11.945	1672	1676	1678	rVV	2835584	3286841	24.44%	2.232%
63	11.969	1678	1680	1683	rVB	1504966	1168967	8.69%	0.794%
64	12.122	1703	1706	1709	rBV	945055	871367	6.48%	0.592%
65	12.274	1730	1732	1735	rVV2	437116	445459	3.31%	0.302%

66	12.304	1735	1737	1739	rVV	479448	428635	3.19%	0.291%
67	12.380	1744	1750	1753	rBV	1365237	1629397	12.12%	1.106%
68	12.422	1753	1757	1758	rVV2	863357	1107310	8.23%	0.752%
69	12.439	1758	1760	1762	rVV	670068	541866	4.03%	0.368%
70	12.469	1762	1765	1770	rVV2	453868	817455	6.08%	0.555%

71	12.551	1774	1779	1782	rBV	3862433	3734062	27.77%	2.535%
72	12.639	1791	1794	1797	rVV	1558749	1329200	9.88%	0.903%
73	12.710	1804	1806	1812	rVB2	373606	490681	3.65%	0.333%
74	12.780	1812	1818	1823	rBV	4356849	5611319	41.73%	3.810%
75	12.916	1838	1841	1849	rVB	1661998	1701260	12.65%	1.155%

76	12.992	1850	1854	1861	rVB3	597013	854446	6.35%	0.580%
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77	13.080	1866	1869	1871	rVV2	543518	777790	5.78%	0.528%
78	13.104	1871	1873	1876	rVB	1455155	1169462	8.70%	0.794%
79	13.169	1881	1884	1887	rVV	1092612	1006584	7.49%	0.683%
80	13.210	1887	1891	1894	rVV	971040	846064	6.29%	0.574%
81	13.274	1898	1902	1904	rBV	687953	722523	5.37%	0.491%
82	13.304	1904	1907	1909	rVV	826270	799492	5.95%	0.543%
83	13.333	1909	1912	1916	rVB	946181	959874	7.14%	0.652%
84	13.586	1951	1955	1959	rBV2	254253	449500	3.34%	0.305%
85	13.727	1976	1979	1981	rVV	423618	462720	3.44%	0.314%
86	13.751	1981	1983	1985	rVV	518516	456377	3.39%	0.310%
87	13.968	2016	2020	2024	rBV2	2428637	3227138	24.00%	2.191%
88	14.010	2024	2027	2032	rVB	1840436	1858680	13.82%	1.262%
89	14.368	2083	2088	2091	rVV	810895	1000030	7.44%	0.679%
90	14.398	2091	2093	2096	rVV	429149	411337	3.06%	0.279%
91	14.463	2097	2104	2106	rVV3	434650	701260	5.21%	0.476%
92	14.492	2106	2109	2111	rVV	369742	391830	2.91%	0.266%
93	14.516	2111	2113	2116	rVV	499160	464719	3.46%	0.316%
94	15.027	2194	2200	2202	rBV	768765	1244482	9.25%	0.845%
95	15.127	2213	2217	2224	rVB	315446	383880	2.85%	0.261%
96	15.327	2246	2251	2257	rVB	622124	779754	5.80%	0.529%
97	15.392	2257	2262	2267	rBV	1228852	1439695	10.71%	0.978%
98	15.451	2267	2272	2275	rVV	387427	480247	3.57%	0.326%
99	16.939	2519	2525	2534	rVB2	245653	496798	3.69%	0.337%
100	17.392	2596	2602	2614	rVB	194308	397659	2.96%	0.270%

Sum of corrected areas: 147275202

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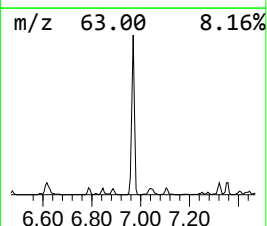
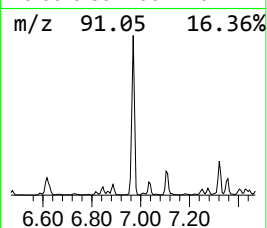
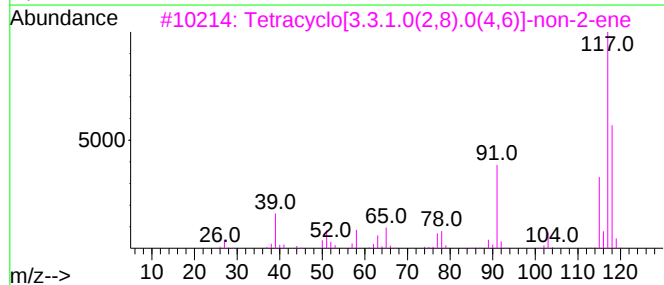
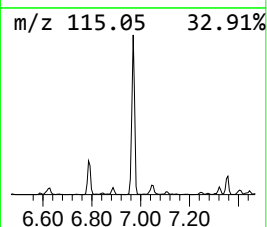
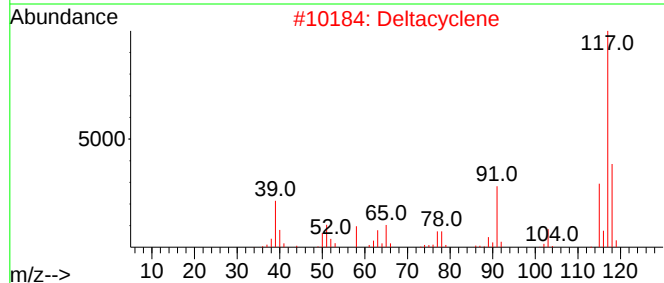
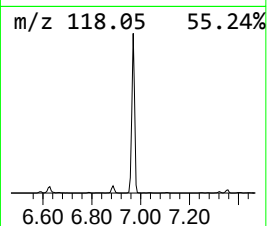
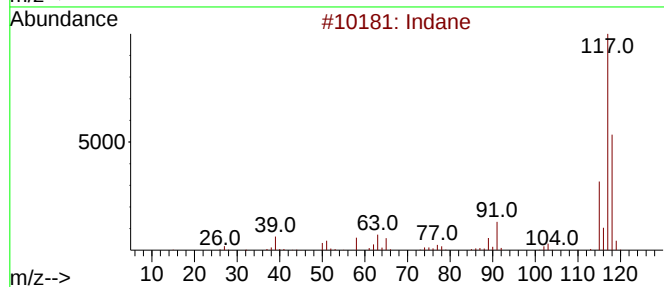
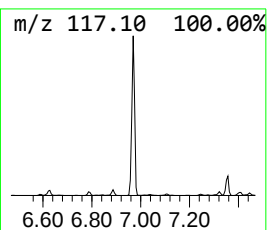
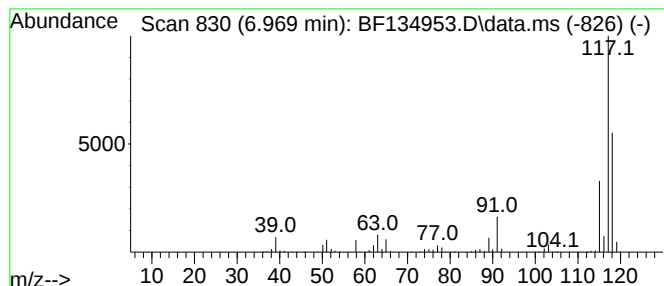
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	83.43 ng	2402560	1,4-Dichlorobenzene-d4	6.787

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Deltacyclene	118	C9H10	007785-10-6	72
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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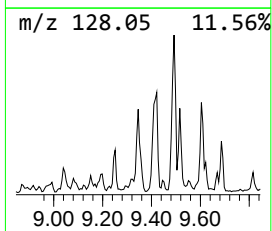
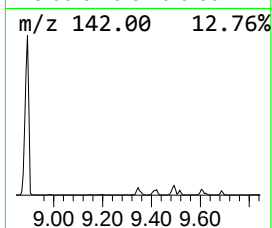
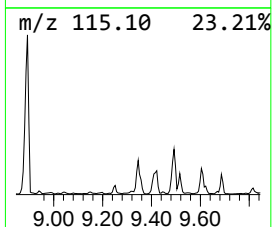
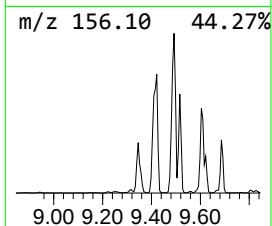
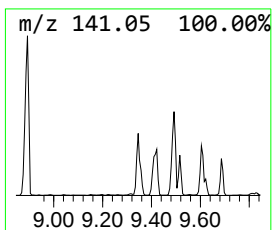
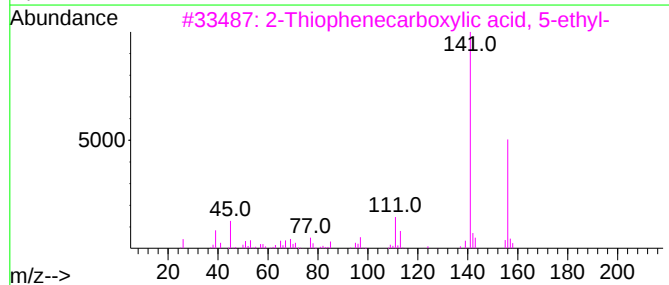
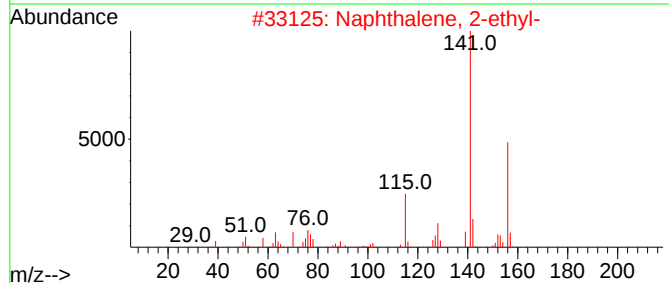
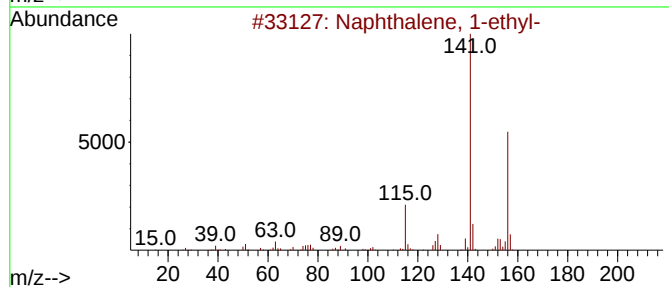
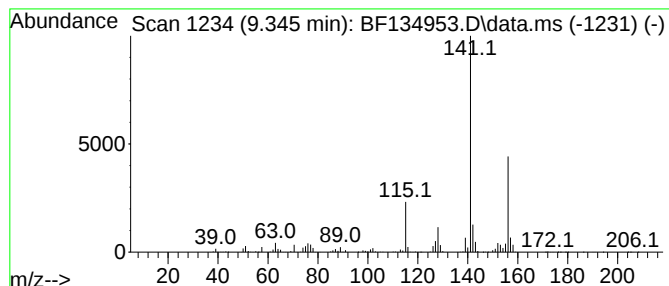
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	24.28 ng	1947280	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4			2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5			4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	58



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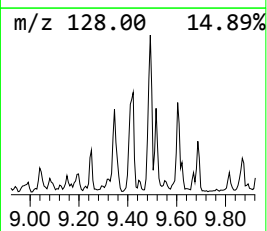
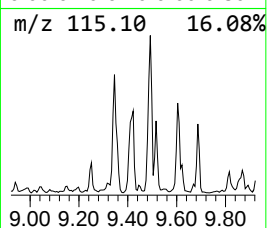
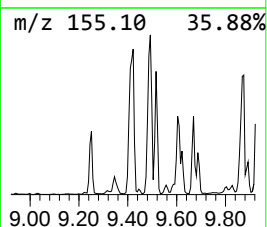
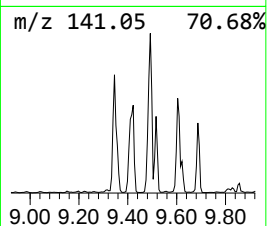
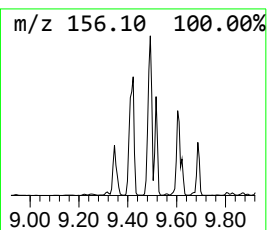
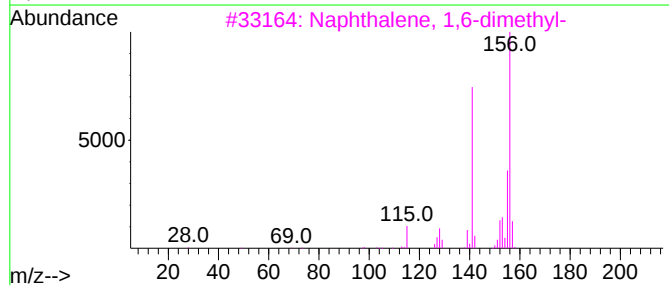
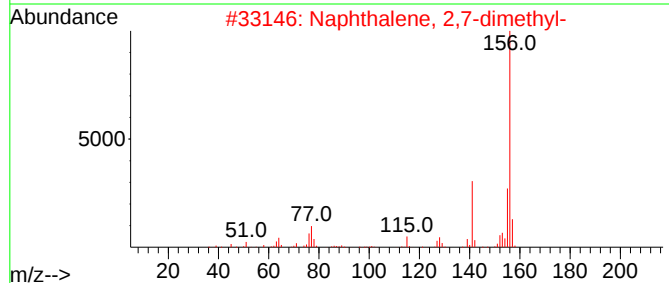
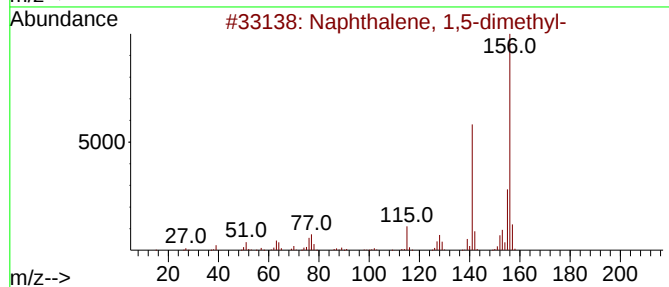
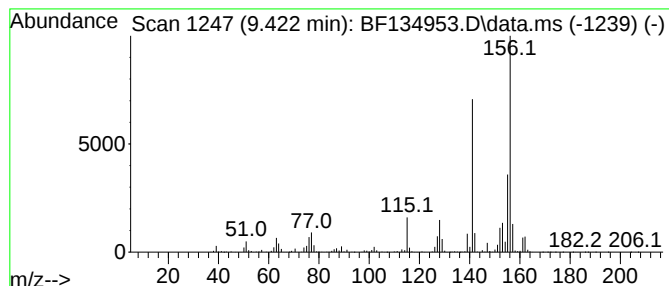
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	41.87 ng	3358710	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z45-46

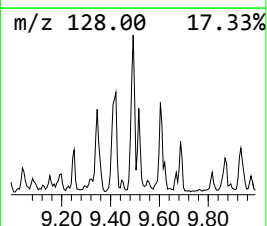
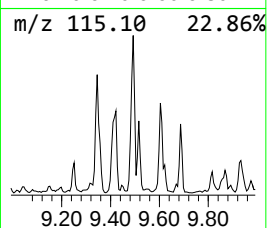
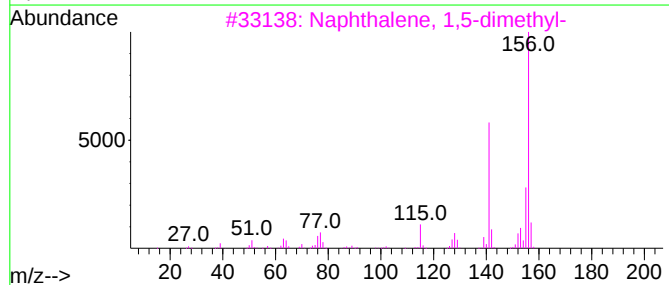
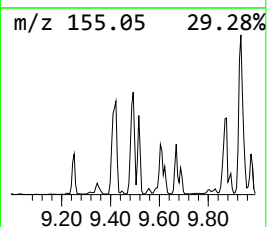
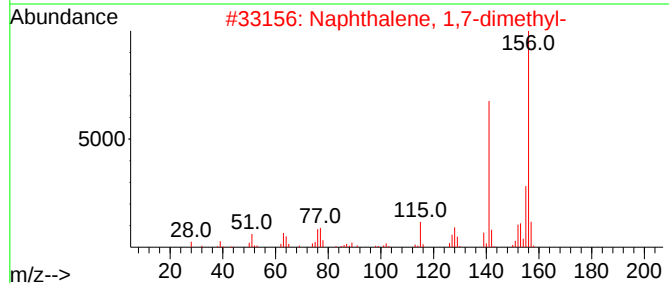
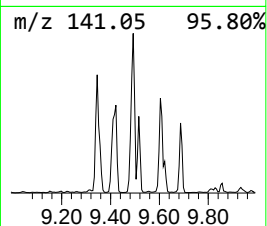
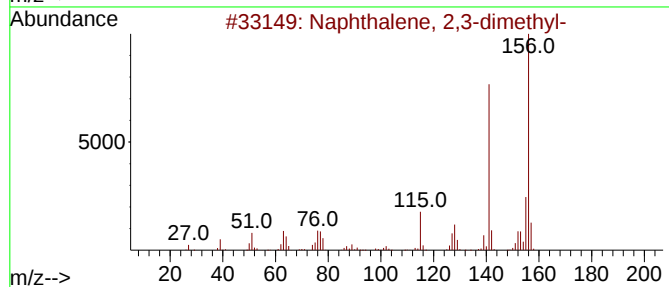
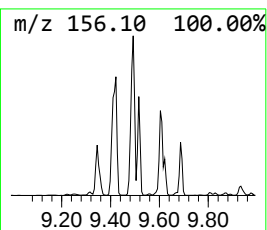
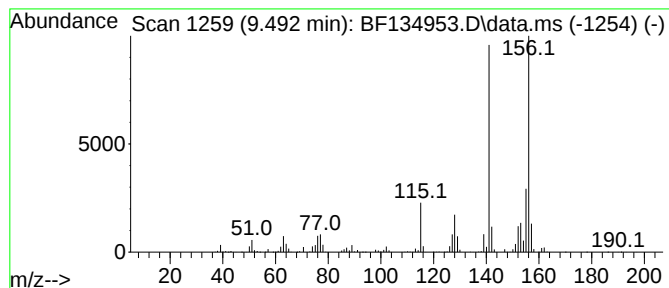
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	46.71 ng	3746810	Acenaphthene-d10	9.828

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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
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Instrument :
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ClientSampleId :
NEVINS-SB04-Z45-46

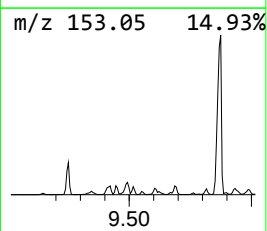
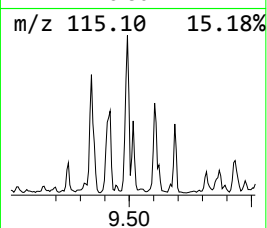
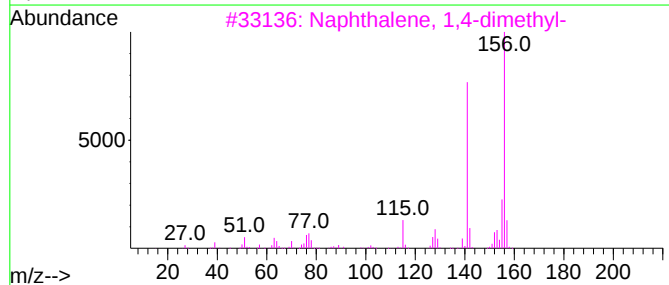
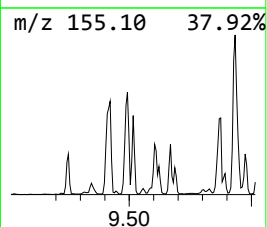
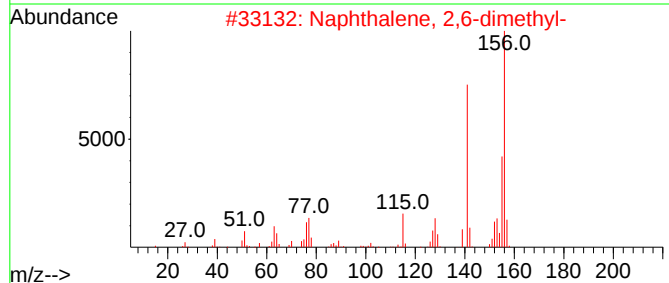
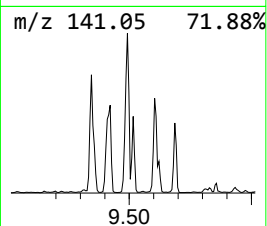
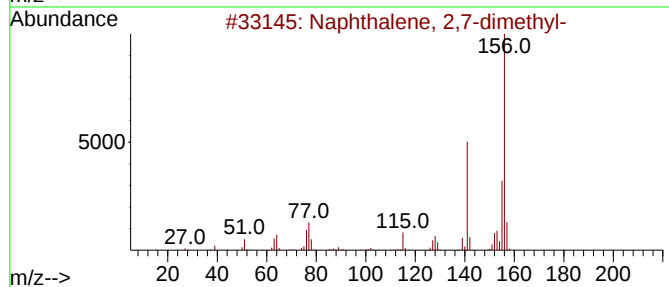
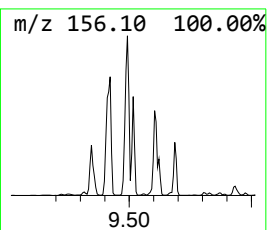
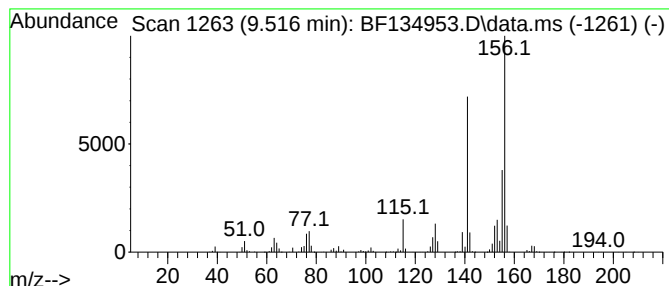
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	20.35 ng	1632610	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
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Instrument :
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ClientSampleId :
NEVINS-SB04-Z45-46

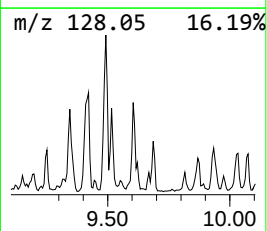
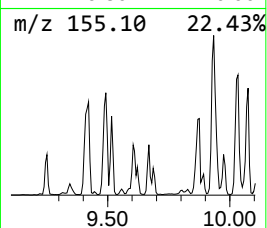
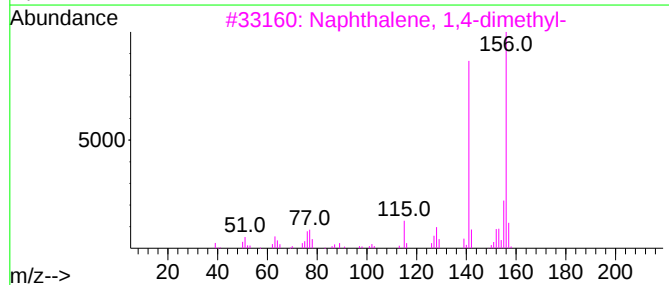
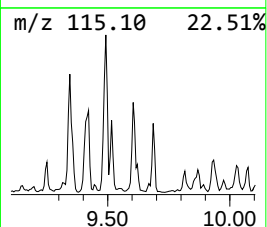
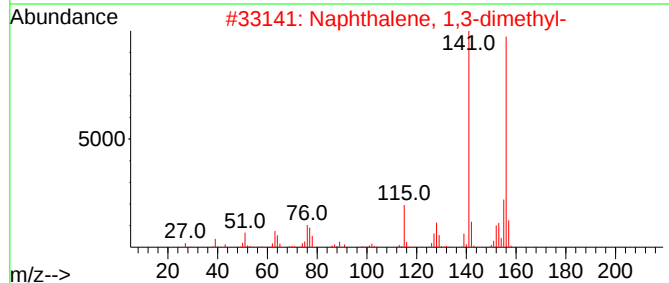
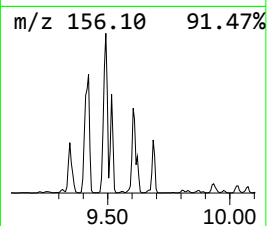
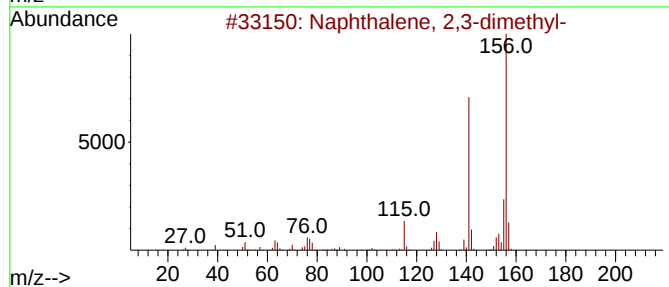
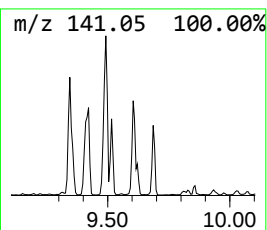
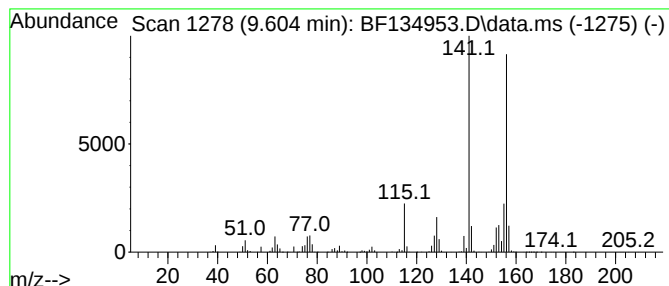
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	27.32 ng	2191320	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z45-46

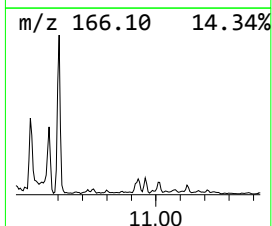
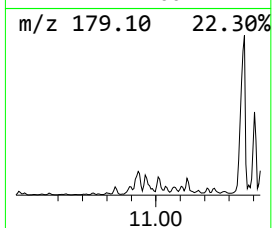
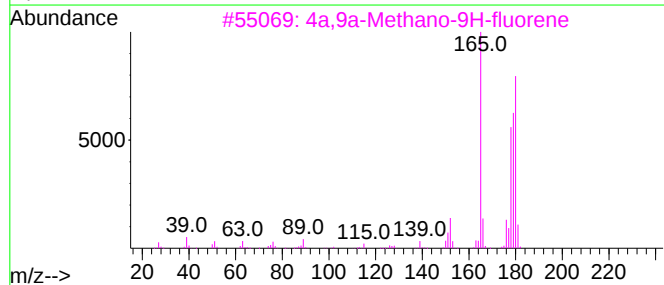
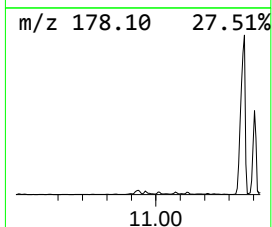
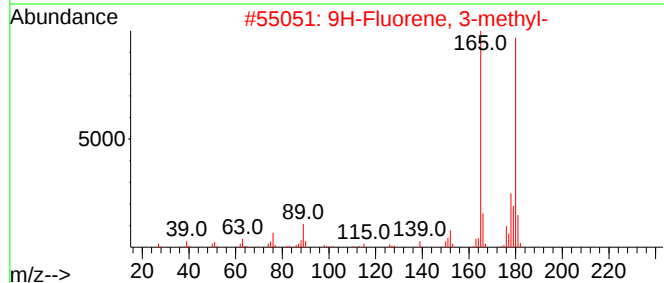
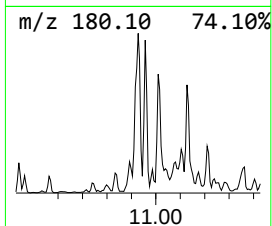
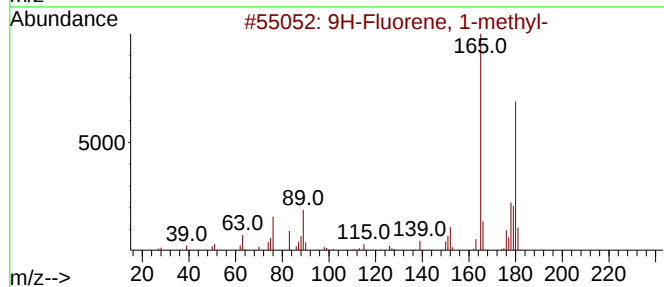
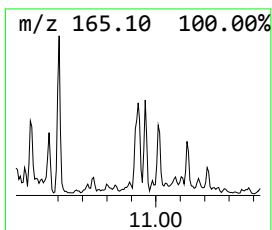
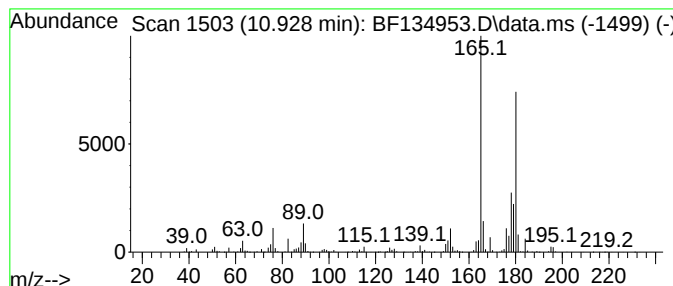
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	37.12 ng	1252980	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	92
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
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Instrument :
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ClientSampleId :
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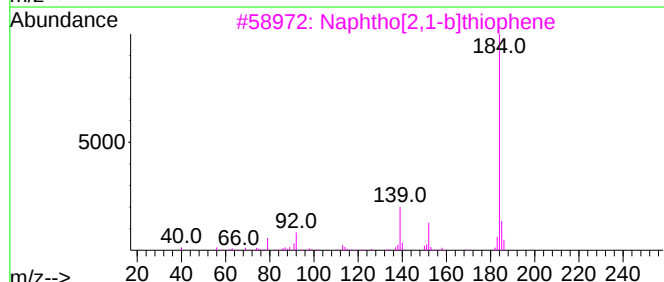
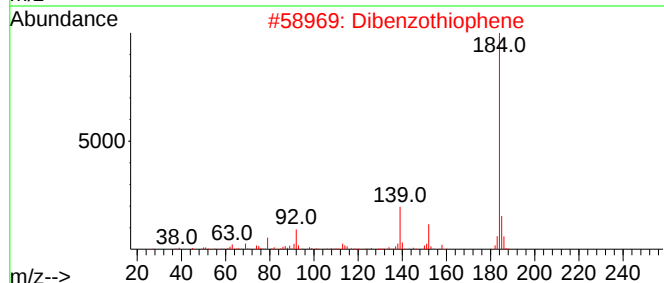
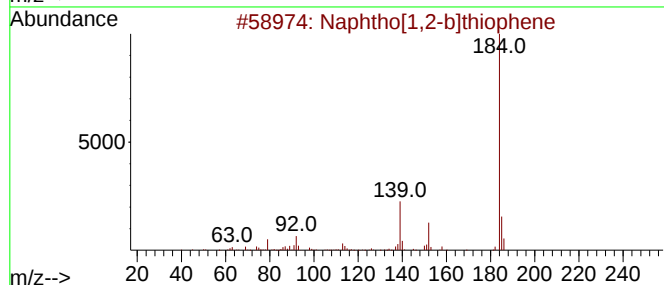
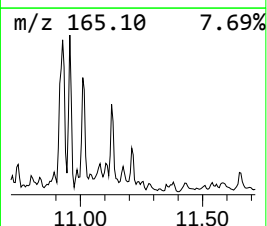
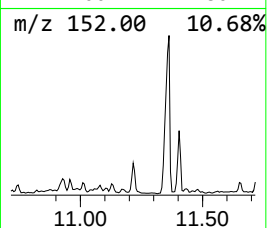
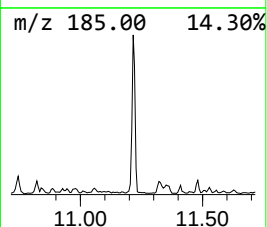
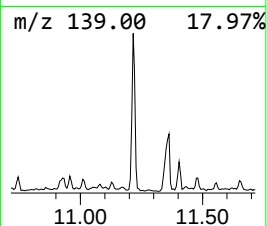
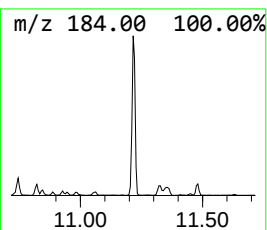
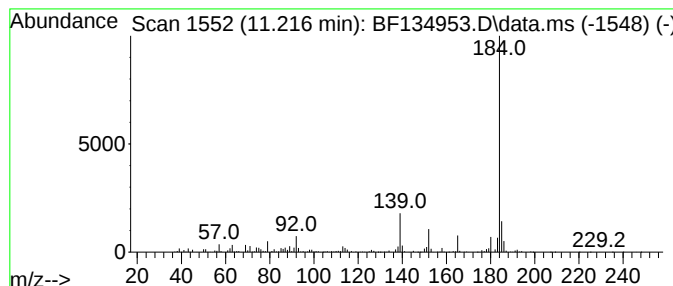
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	48.35 ng	1632080	Phenanthrene-d10	11.322

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
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ClientSampleId :
NEVINS-SB04-Z45-46

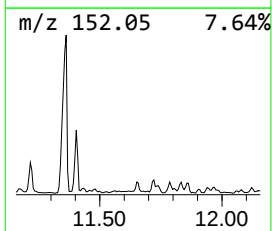
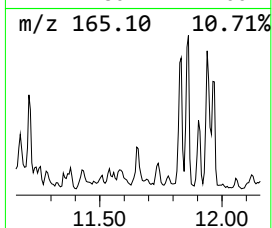
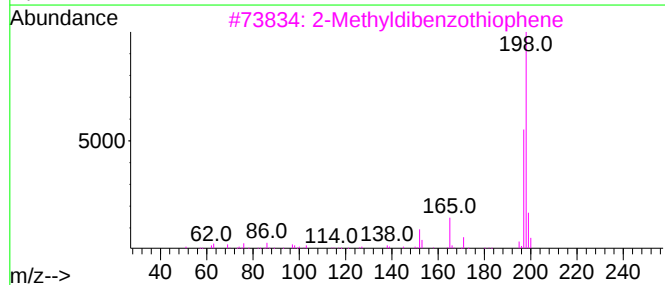
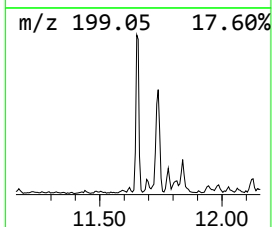
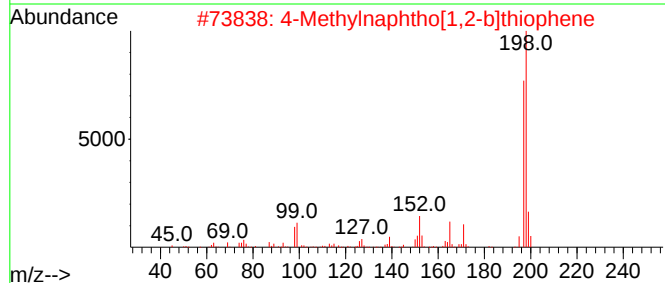
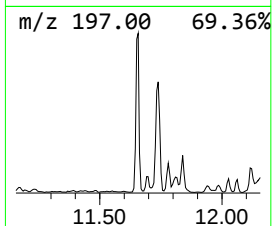
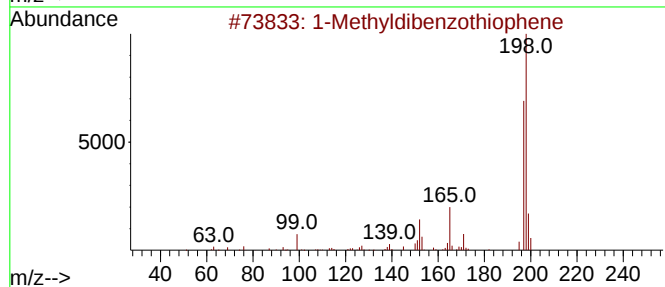
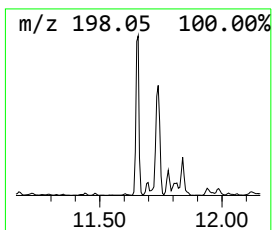
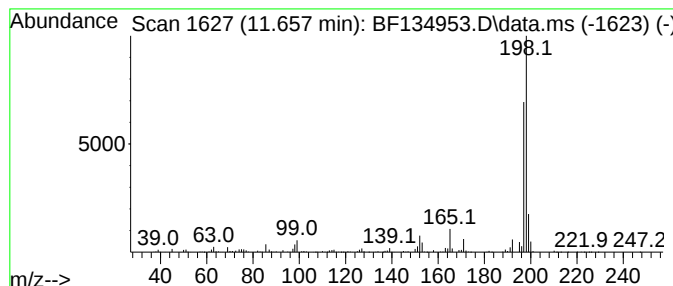
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Methyldibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	20.57 ng	694195	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
3			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
4			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
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ClientSampleId :
NEVINS-SB04-Z45-46

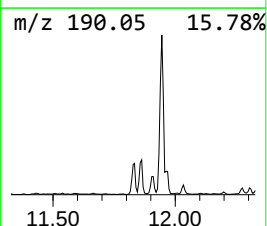
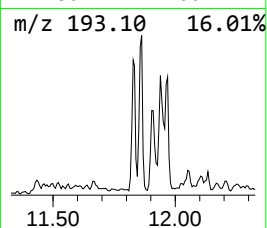
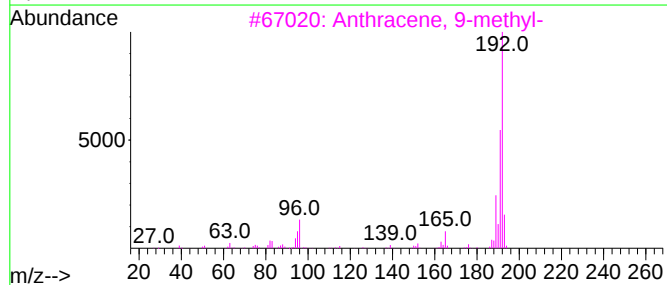
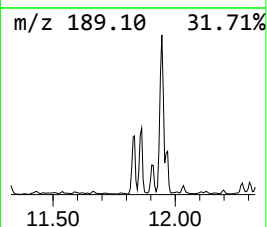
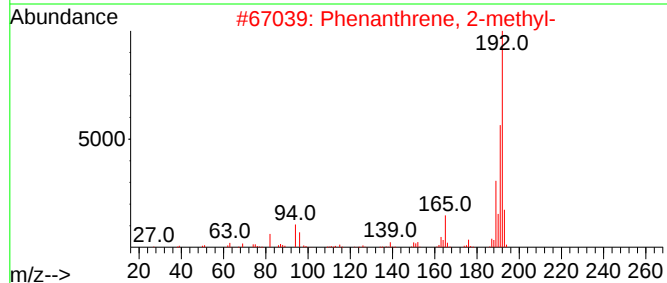
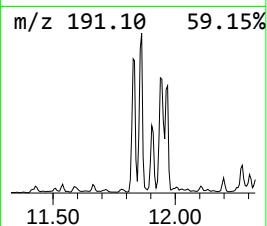
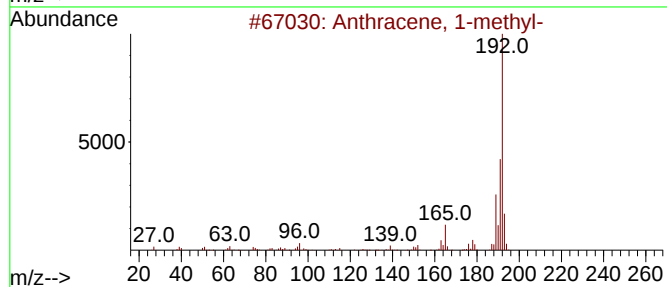
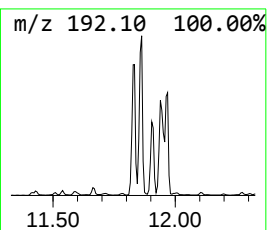
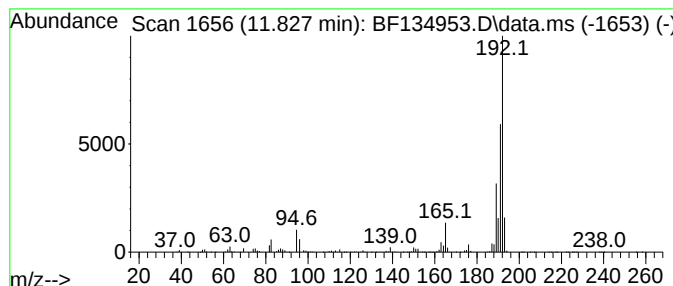
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	64.37 ng	2172660	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

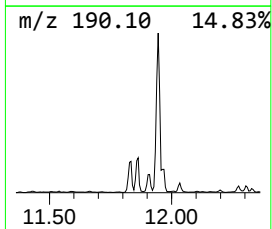
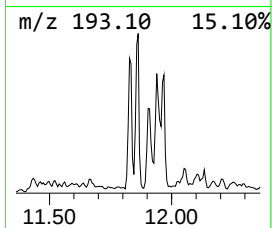
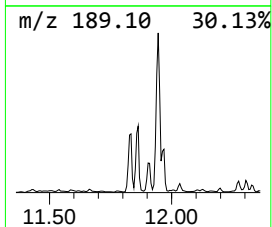
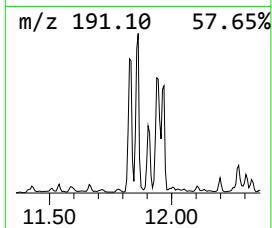
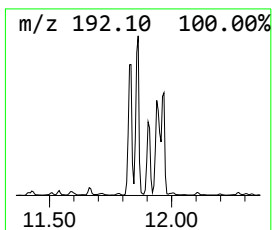
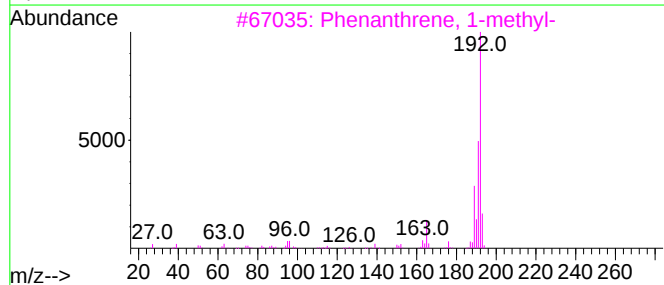
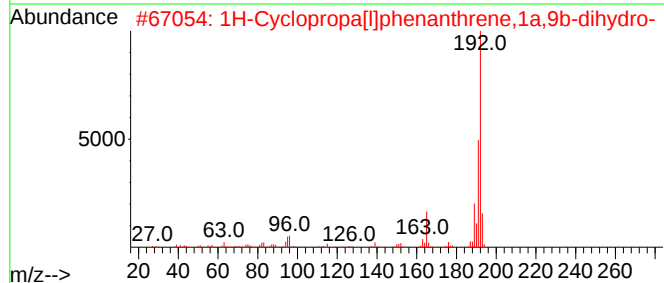
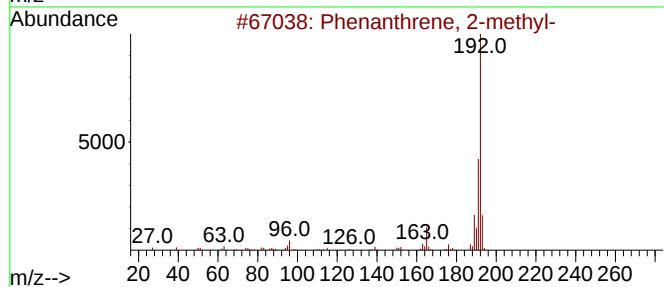
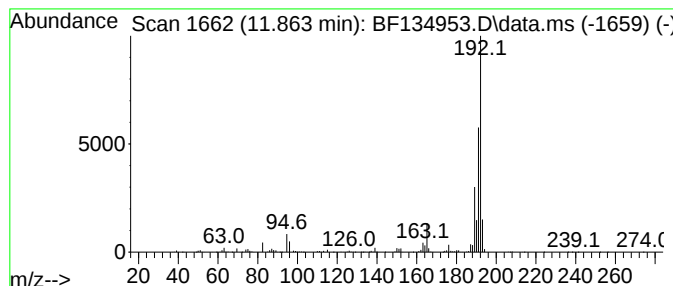
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	65.04 ng	2195210	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
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Sample : 04093-01
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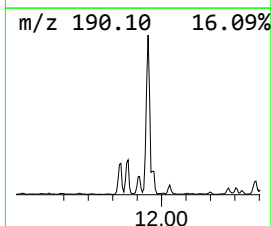
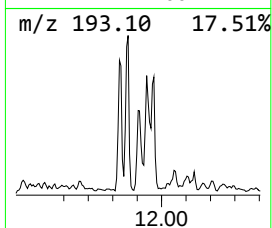
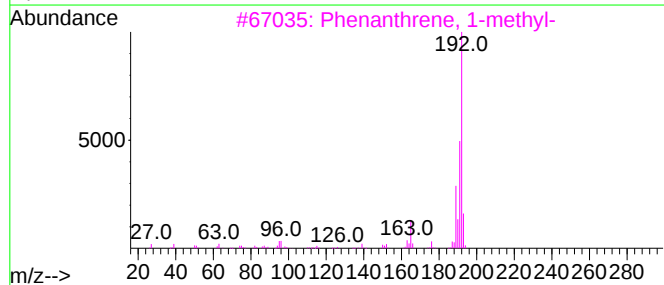
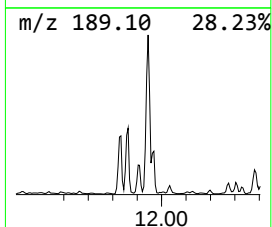
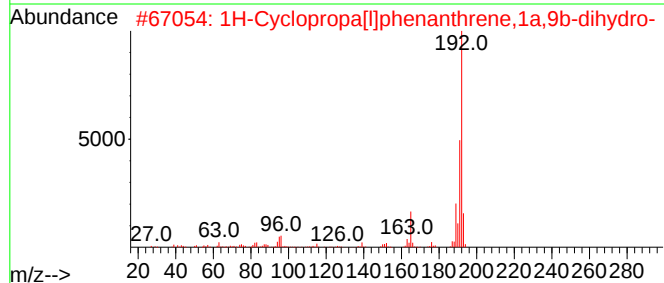
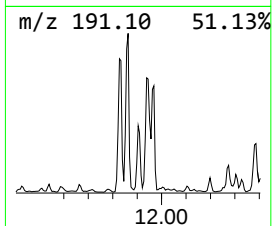
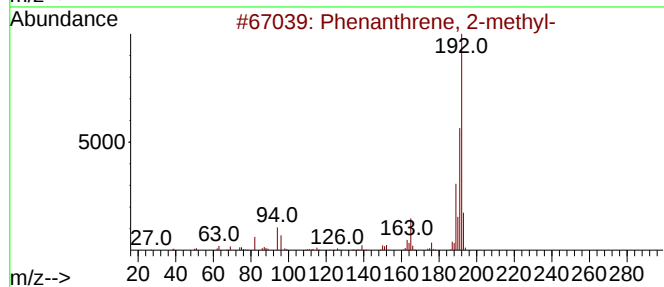
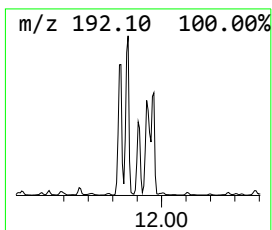
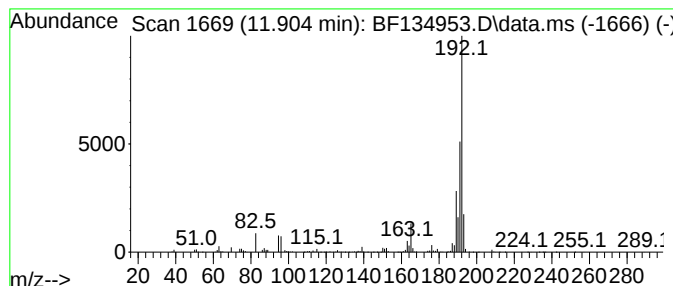
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.904	30.61 ng	1033350	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...		192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
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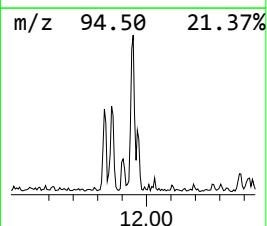
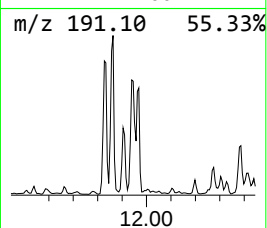
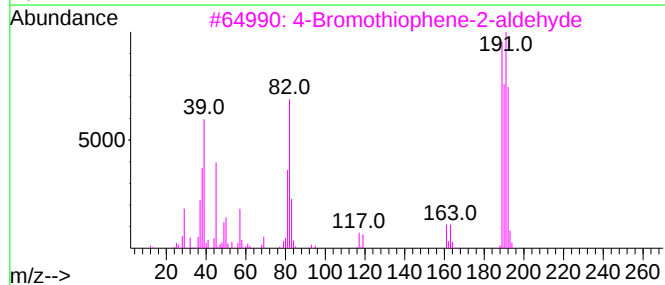
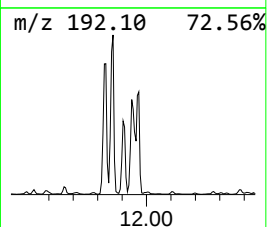
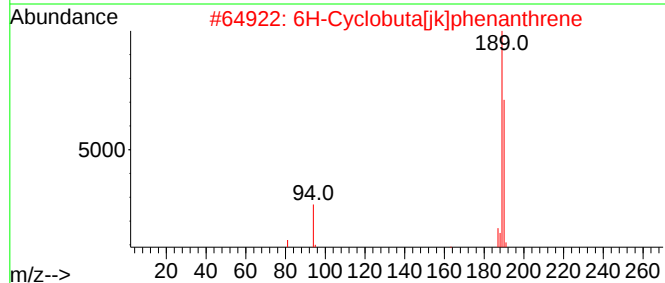
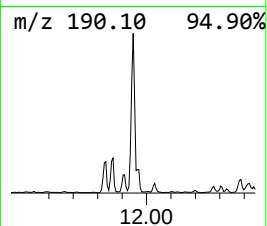
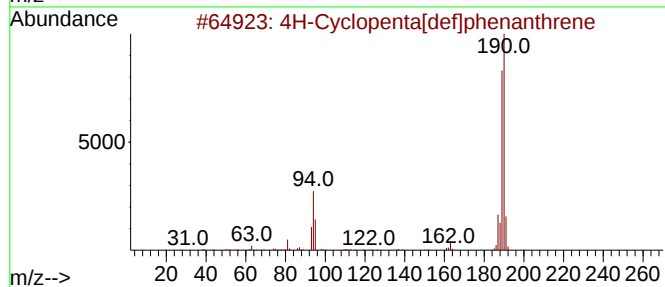
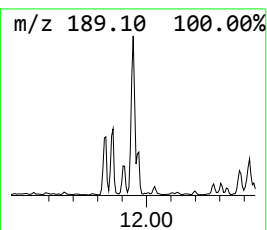
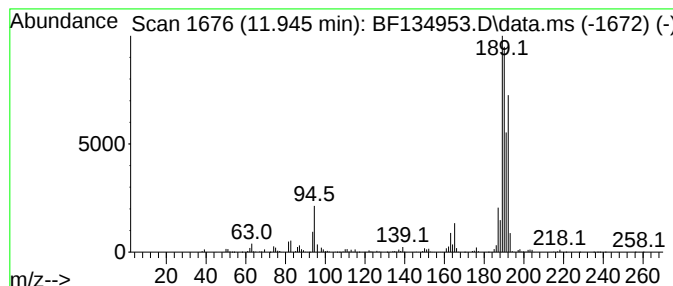
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.945	97.38 ng	3286840	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	58
3	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	52
4	3-Bromo-2-thiophenecarbaldehyde		190	C5H3BrOS	000930-96-1	50
5	1H-1,2,4-Triazol-5-amine, 3-brom...		190	C4H7BrN4	1000460-85-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
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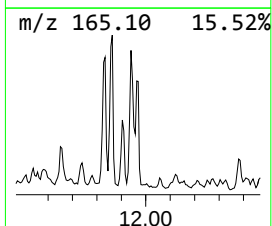
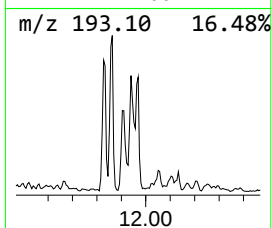
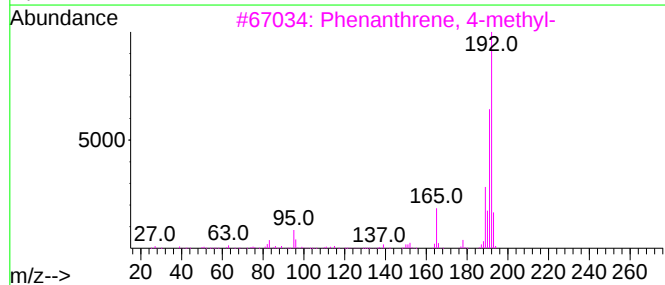
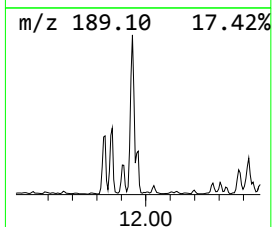
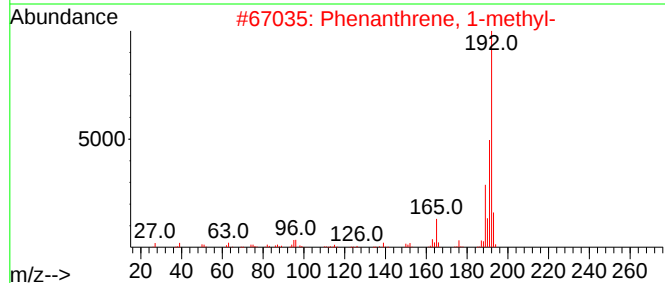
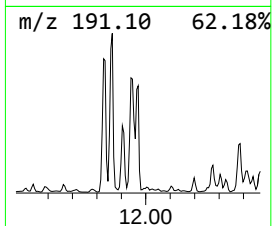
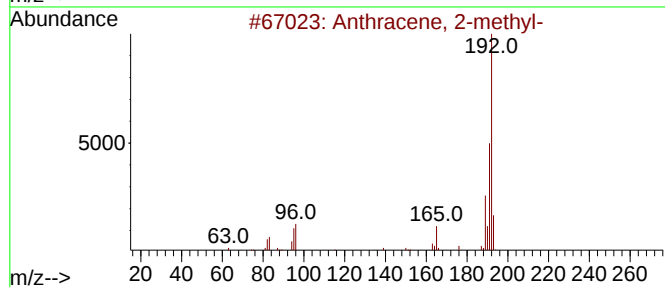
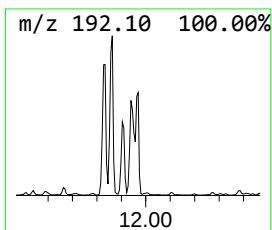
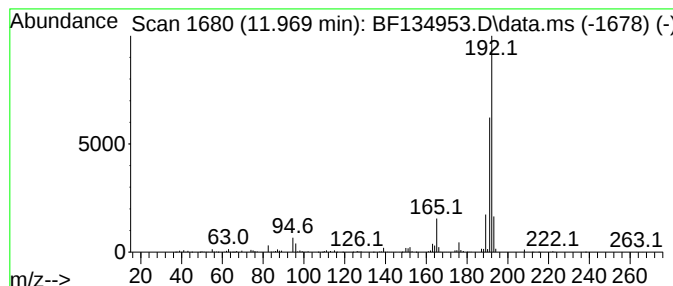
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.969	34.63 ng	1168970	Phenanthrene-d10			11.322
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
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Sample : 04093-01
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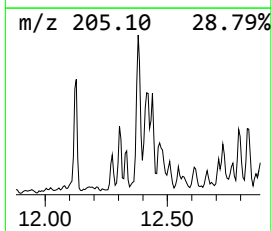
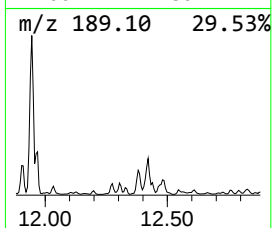
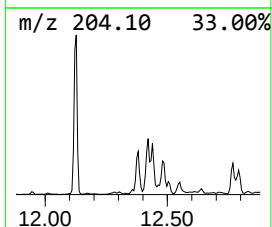
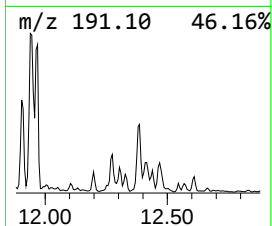
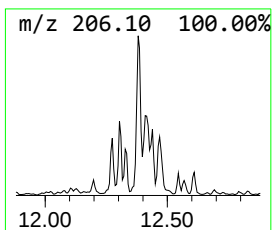
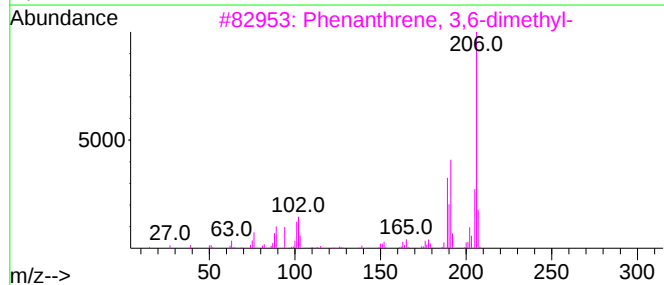
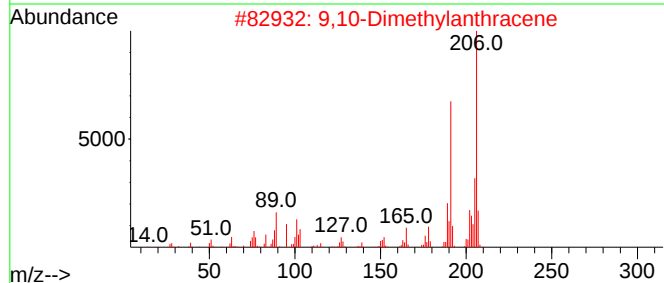
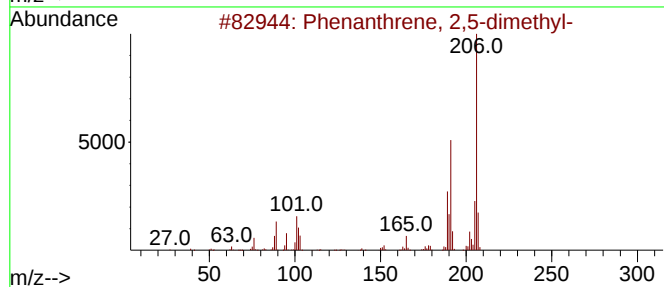
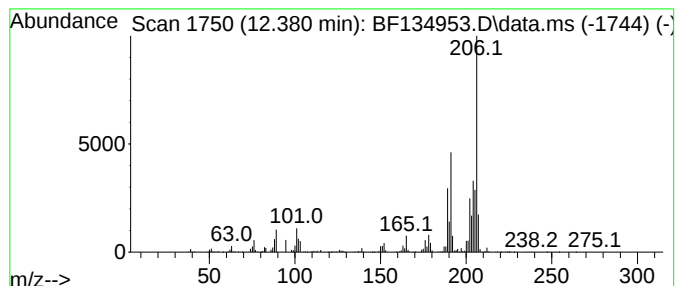
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.380	48.27 ng	1629400	Phenanthrene-d10			11.322
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
4	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	89
5	Naphthalene, 1,2-dihydro-4-phenyl-		206	C16H14	007469-40-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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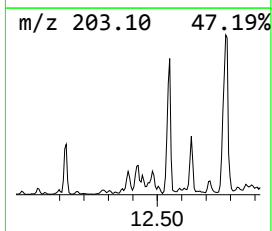
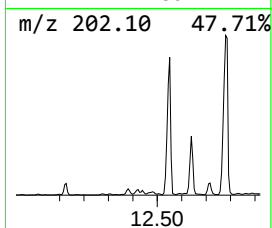
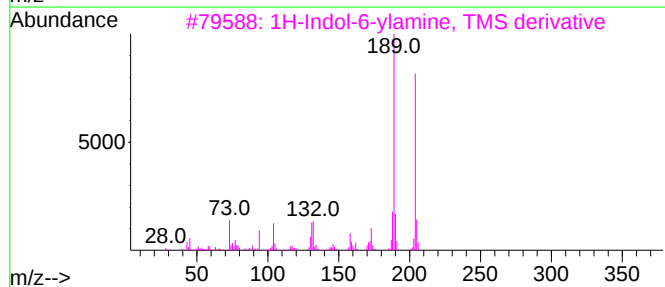
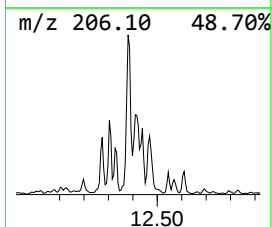
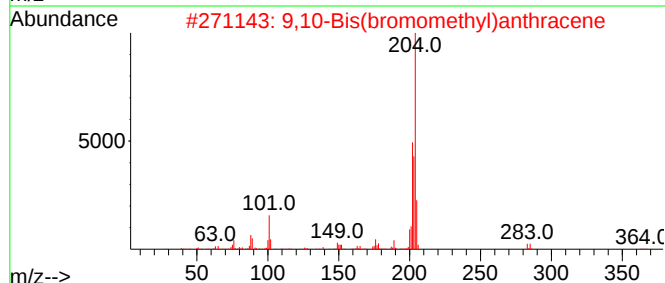
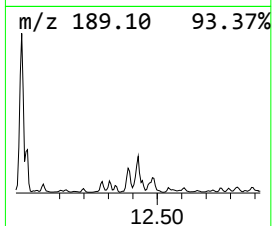
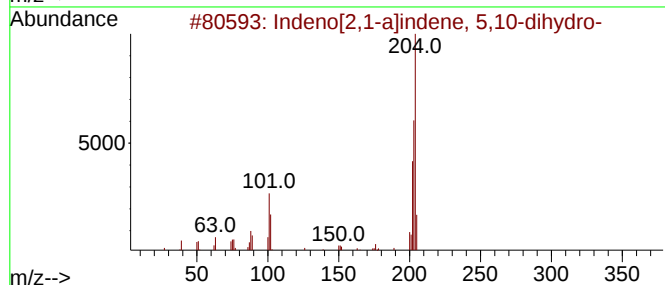
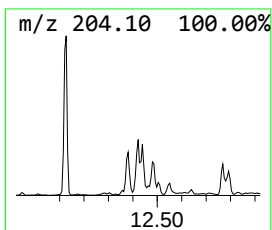
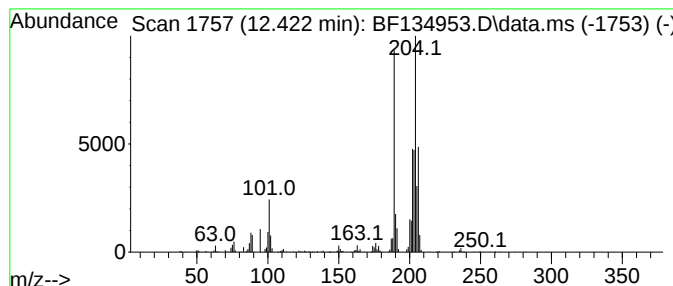
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.422	32.81 ng	1107310	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-		204	C16H12	006543-29-9	66
2	9,10-Bis(bromomethyl)anthracene		362	C16H12Br2	034373-96-1	49
3	1H-Indol-6-ylamine, TMS derivative		204	C11H16N2Si	1000484-86-1	43
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	41
5	6-Phenylbenzocyclohepten-7-one		232	C17H12O	093327-56-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

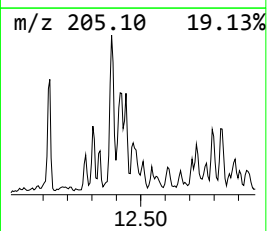
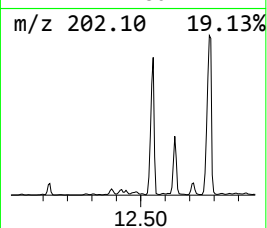
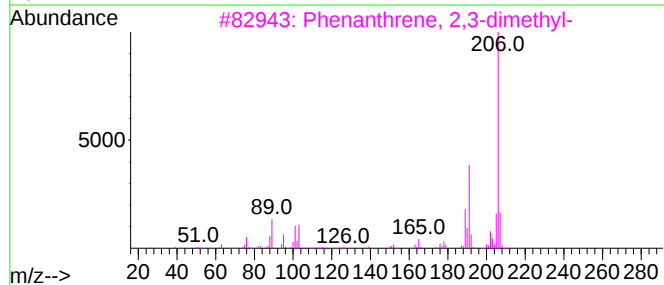
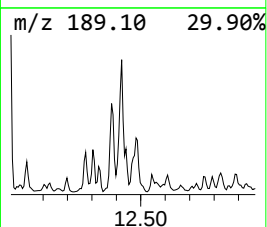
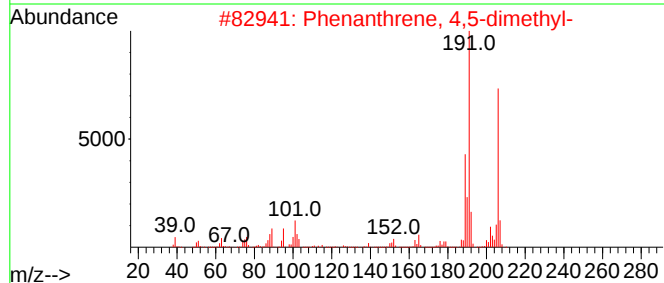
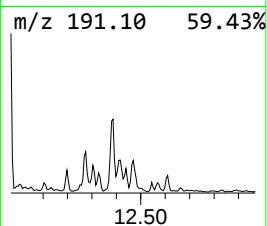
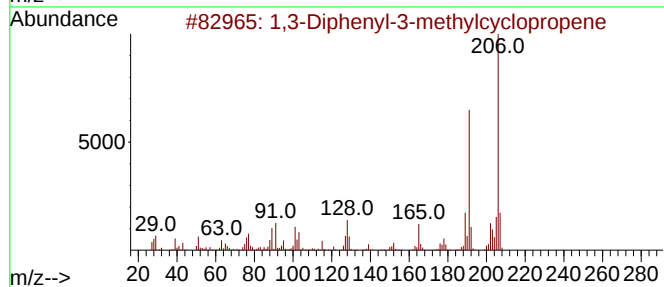
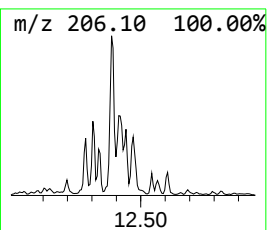
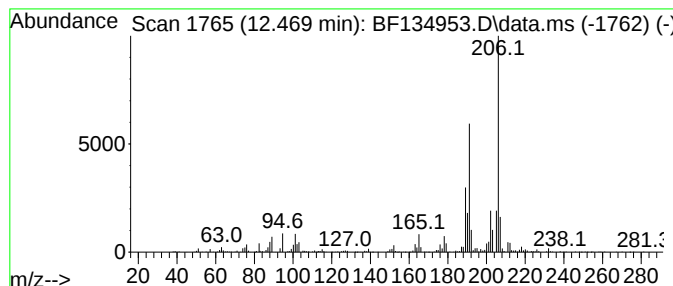
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,3-Diphenyl-3-methylcyclop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.469	24.22 ng	817455	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene		206	C16H14	086544-79-8	94
2	Phenanthrene, 4,5-dimethyl-		206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	91
4	1H-Indene, 2-methyl-3-phenyl-		206	C16H14	035099-60-6	90
5	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

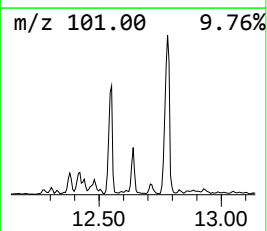
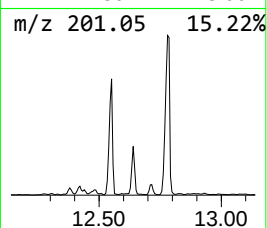
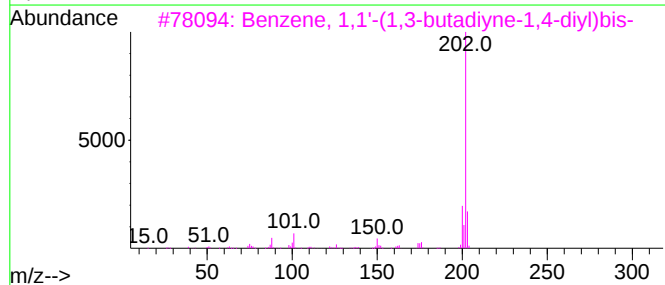
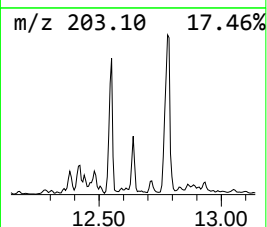
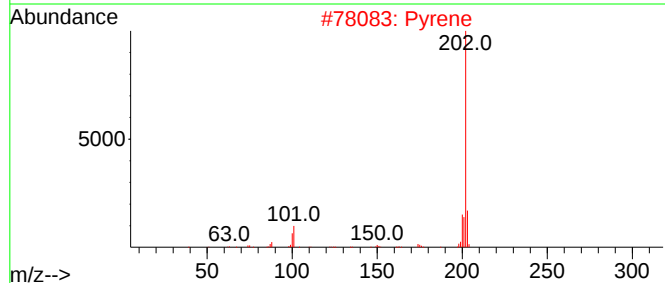
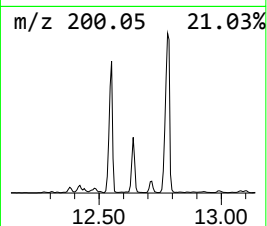
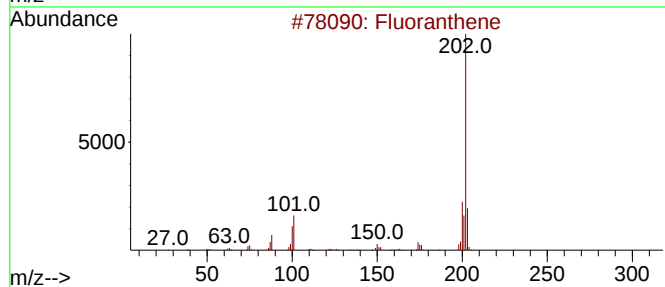
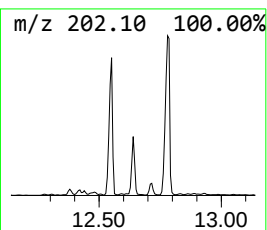
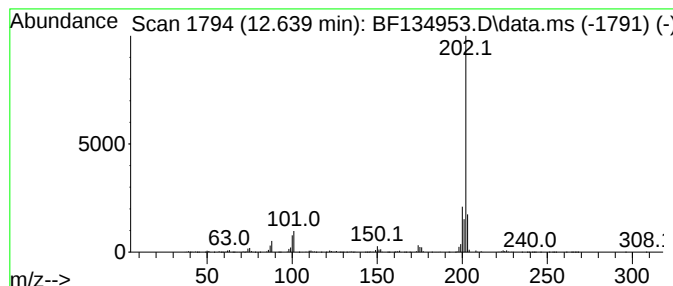
Instrument :
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ClientSampleId :
NEVINS-SB04-Z45-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.639	39.38 ng	1329200	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	2-pyrazinol, 3-bromo-5,6-dimethyl-	202	C6H7BrN2O	1010396-05-3	38
5	Succinic acid, di(4-cyanophenyl)...	320	C18H12N2O4	1000360-71-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134953.D
Acq On : 25 Aug 2023 21:50
Operator : CG\JU
Sample : 04093-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z45-46

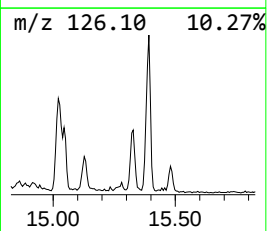
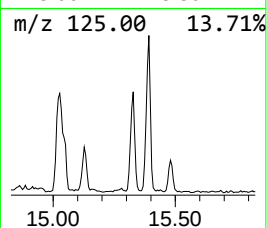
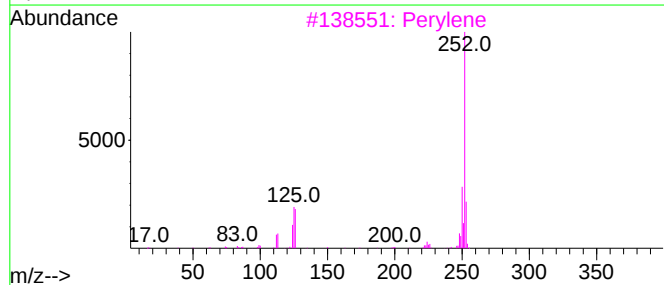
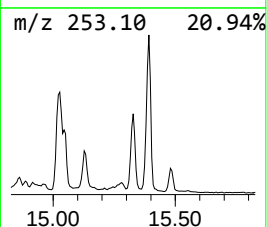
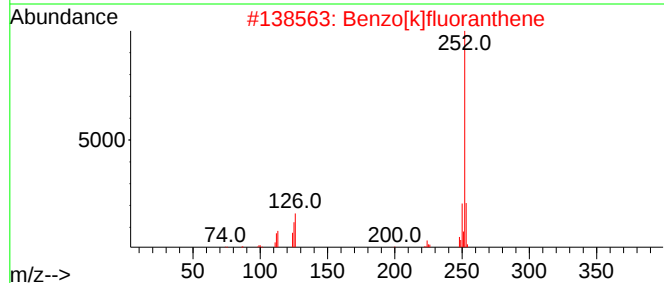
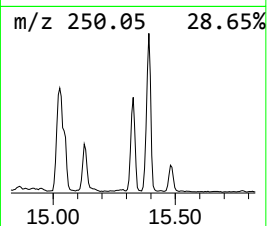
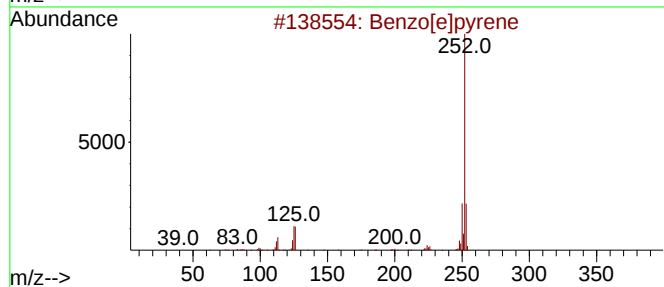
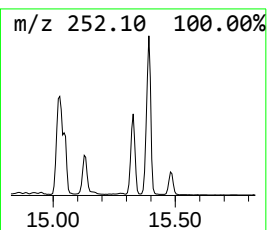
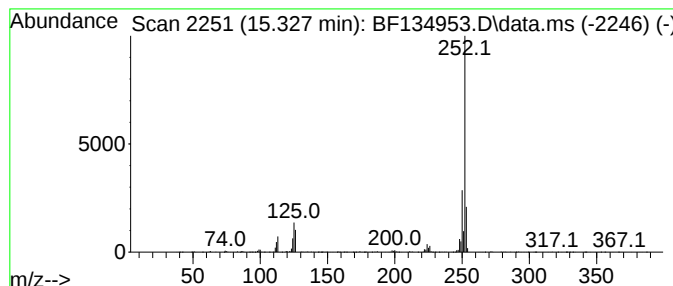
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	32.47 ng	779754	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134953.D
 Acq On : 25 Aug 2023 21:50
 Operator : CG\JU
 Sample : 04093-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z45-46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Indane	6.969	83.4	ng	2402560	1	6.787	575940	20.0
Naphthalene, 1-...	9.345	24.3	ng	1947280	3	9.828	1604270	20.0
Naphthalene, 1,...	9.422	41.9	ng	3358710	3	9.828	1604270	20.0
Naphthalene, 2,...	9.492	46.7	ng	3746810	3	9.828	1604270	20.0
Naphthalene, 2,...	9.516	20.4	ng	1632610	3	9.828	1604270	20.0
Naphthalene, 1,...	9.604	27.3	ng	2191320	3	9.828	1604270	20.0
9H-Fluorene, 1-...	10.928	37.1	ng	1252980	4	11.322	675064	20.0
Naphtho[1,2-b]t...	11.216	48.4	ng	1632080	4	11.322	675064	20.0
1-Methyldibenzo...	11.657	20.6	ng	694195	4	11.322	675064	20.0
Anthracene, 1-m...	11.828	64.4	ng	2172660	4	11.322	675064	20.0
Phenanthrene, 2...	11.863	65.0	ng	2195210	4	11.322	675064	20.0
1H-Cyclopropa[1...	11.904	30.6	ng	1033350	4	11.322	675064	20.0
4H-Cyclopenta[d...	11.945	97.4	ng	3286840	4	11.322	675064	20.0
Anthracene, 2-m...	11.969	34.6	ng	1168970	4	11.322	675064	20.0
Naphthalene, 2-...	12.121	25.8	ng	871367	4	11.322	675064	20.0
Phenanthrene, 2...	12.380	48.3	ng	1629400	4	11.322	675064	20.0
Indeno[2,1-a]in...	12.422	32.8	ng	1107310	4	11.322	675064	20.0
1,3-Diphenyl-3-...	12.469	24.2	ng	817455	4	11.322	675064	20.0
Benzene, 1,1'-(...	12.639	39.4	ng	1329200	4	11.322	675064	20.0
Benzo[e]pyrene	15.327	32.5	ng	779754	6	15.451	480247	20.0