

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132032.D
 Acq On : 11 Jan 2023 20:04
 Operator : CG\JU
 Sample : 01080-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-3-(40-42)

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-BF010923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132032.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	487	493	506	rVB	632967	877202	13.28%	1.672%
2	5.398	559	563	580	rBV	2046179	2014128	30.50%	3.839%
3	6.428	733	738	746	rBV	1985722	2104252	31.87%	4.011%
4	6.775	794	797	801	rBV	621145	532735	8.07%	1.015%
5	7.039	837	842	846	rVB	89501	88849	1.35%	0.169%
6	7.351	890	895	898	rBV	1401793	1338981	20.28%	2.552%
7	8.104	1011	1023	1025	rBV	5007573	6603418	100.00%	12.586%
8	8.145	1027	1030	1036	rVB	111571	102349	1.55%	0.195%
9	8.780	1133	1138	1144	rVB	367687	342434	5.19%	0.653%
10	8.880	1151	1155	1159	rVB	740900	645198	9.77%	1.230%
11	9.151	1195	1201	1204	rBV	2776711	2306090	34.92%	4.395%
12	9.251	1215	1218	1223	rVB	141011	129031	1.95%	0.246%
13	9.357	1232	1236	1240	rVB3	46849	70795	1.07%	0.135%
14	9.416	1240	1246	1249	rBV	136689	189893	2.88%	0.362%
15	9.486	1253	1258	1260	rVV	274709	264324	4.00%	0.504%
16	9.510	1260	1262	1266	rVB2	101569	101687	1.54%	0.194%
17	9.604	1273	1278	1279	rBV2	131450	123379	1.87%	0.235%
18	9.686	1289	1292	1296	rVB	474467	415200	6.29%	0.791%
19	9.827	1306	1316	1319	rBV	869156	871962	13.20%	1.662%
20	9.863	1319	1322	1325	rVB	1585395	1260441	19.09%	2.402%
21	10.033	1347	1351	1355	rVB	928788	775597	11.75%	1.478%
22	10.069	1355	1357	1361	rVB	103208	86880	1.32%	0.166%
23	10.145	1365	1370	1373	rBV3	111752	136599	2.07%	0.260%
24	10.174	1373	1375	1381	rVB2	83311	83938	1.27%	0.160%
25	10.233	1381	1385	1387	rBV	75465	90045	1.36%	0.172%
26	10.286	1391	1394	1396	rBV	101794	90153	1.37%	0.172%
27	10.380	1406	1410	1415	rVB	793635	694351	10.52%	1.323%
28	10.539	1434	1437	1444	rVB2	309446	465785	7.05%	0.888%
29	10.627	1444	1452	1455	rBV2	1798724	1814915	27.48%	3.459%
30	10.669	1455	1459	1462	rVB	66708	69150	1.05%	0.132%
31	10.745	1468	1472	1478	rVB3	61422	93776	1.42%	0.179%
32	10.927	1496	1503	1506	rBV2	214008	252306	3.82%	0.481%
33	11.010	1514	1517	1520	rVB	108800	84129	1.27%	0.160%
34	11.057	1520	1525	1527	rBV2	102258	108287	1.64%	0.206%
35	11.127	1535	1537	1540	rVB	88646	81918	1.24%	0.156%
36	11.169	1540	1544	1548	rVB2	103448	110728	1.68%	0.211%

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Integrator: RTE

Smoothing : ON

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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-BF010923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.216	1548	1552	1556	rBV	413007	394039	5.97%	0.751%
38	11.327	1566	1571	1572	rBV	614741	677476	10.26%	1.291%
39	11.357	1572	1576	1579	rVV	4054026	3617324	54.78%	6.894%
40	11.404	1579	1584	1587	rVV	1782440	1440090	21.81%	2.745%

41	11.439	1587	1590	1594	rVB	106869	121340	1.84%	0.231%
42	11.557	1606	1610	1617	rBV	193116	217642	3.30%	0.415%
43	11.616	1617	1620	1625	rVV2	148860	133152	2.02%	0.254%
44	11.663	1625	1628	1632	rVV3	49327	67671	1.02%	0.129%
45	11.727	1636	1639	1646	rVB2	75047	98880	1.50%	0.188%

46	11.827	1650	1656	1658	rBV	417060	381604	5.78%	0.727%
47	11.857	1658	1661	1664	rVB	443846	389518	5.90%	0.742%
48	11.904	1664	1669	1672	rBV	225999	205468	3.11%	0.392%
49	11.939	1672	1675	1677	rVV	775401	733867	11.11%	1.399%
50	11.963	1677	1679	1682	rVB	208264	173563	2.63%	0.331%

51	12.121	1703	1706	1709	rVB	372527	286149	4.33%	0.545%
52	12.374	1744	1749	1752	rBV2	124727	157076	2.38%	0.299%
53	12.415	1752	1756	1758	rVV3	112476	150857	2.28%	0.288%
54	12.474	1762	1766	1770	rVB3	76769	111243	1.68%	0.212%
55	12.551	1773	1779	1782	rBV	3271452	3146560	47.65%	5.997%

56	12.639	1791	1794	1797	rBV	314691	250565	3.79%	0.478%
57	12.692	1800	1803	1806	rVV	132260	119929	1.82%	0.229%
58	12.721	1806	1808	1811	rVB2	80576	78599	1.19%	0.150%
59	12.780	1811	1818	1821	rBV	2698918	2903116	43.96%	5.533%
60	12.821	1822	1825	1830	rVB2	125313	146032	2.21%	0.278%

61	12.892	1833	1837	1838	rBV	155926	151401	2.29%	0.289%
62	12.915	1838	1841	1843	rVV	1543182	1258815	19.06%	2.399%
63	12.992	1848	1854	1857	rBV3	128943	223981	3.39%	0.427%
64	13.074	1864	1868	1870	rBV3	109421	141465	2.14%	0.270%
65	13.098	1870	1872	1876	rVB	316001	299076	4.53%	0.570%

66	13.168	1881	1884	1886	rVV	343505	266658	4.04%	0.508%
67	13.204	1886	1890	1893	rVB2	178673	175914	2.66%	0.335%
68	13.298	1903	1906	1908	rVV	84905	68770	1.04%	0.131%
69	13.327	1908	1911	1919	rVB2	112824	145636	2.21%	0.278%
70	13.721	1973	1978	1980	rBV	115293	113139	1.71%	0.216%

71	13.751	1980	1983	1985	rVV	150441	151301	2.29%	0.288%
72	13.774	1985	1987	1989	rVV	117039	117688	1.78%	0.224%
73	13.821	1992	1995	2002	rVB3	91499	142878	2.16%	0.272%
74	13.892	2002	2007	2012	rVB	37335	75866	1.15%	0.145%
75	13.968	2013	2020	2024	rBV2	1107706	1617836	24.50%	3.084%

76	14.004	2024	2026	2029	rVB	892389	648852	9.83%	1.237%
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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.080	2036	2039	2042	rVB	166772	126232	1.91%	0.241%
78	14.362	2082	2087	2090	rVV	142988	167841	2.54%	0.320%
79	14.457	2101	2103	2106	rVV2	83795	93371	1.41%	0.178%
80	14.486	2106	2108	2110	rVV	91799	87352	1.32%	0.166%
81	14.509	2110	2112	2115	rVV	111684	96630	1.46%	0.184%
82	14.815	2161	2164	2168	rVB	65146	66260	1.00%	0.126%
83	14.856	2168	2171	2178	rBV2	61213	83221	1.26%	0.159%
84	15.021	2193	2199	2201	rBV	665326	983738	14.90%	1.875%
85	15.121	2213	2216	2220	rVB	172724	183426	2.78%	0.350%
86	15.315	2244	2249	2256	rVB	387491	556115	8.42%	1.060%
87	15.386	2256	2261	2266	rBV	681828	834990	12.64%	1.591%
88	15.445	2266	2271	2273	rVV	318357	411489	6.23%	0.784%
89	15.474	2273	2276	2283	rVB	201060	273282	4.14%	0.521%
90	15.645	2303	2305	2313	rVB4	36562	78265	1.19%	0.149%
91	15.998	2361	2365	2370	rVB2	46942	69748	1.06%	0.133%
92	16.898	2511	2518	2526	rBV2	273967	535826	8.11%	1.021%
93	17.074	2541	2548	2552	rBV	57876	122981	1.86%	0.234%
94	17.133	2552	2558	2564	rVB3	45119	98871	1.50%	0.188%
95	17.339	2586	2593	2606	rBV2	188226	388323	5.88%	0.740%
96	17.580	2628	2634	2649	rVB	72748	187342	2.84%	0.357%

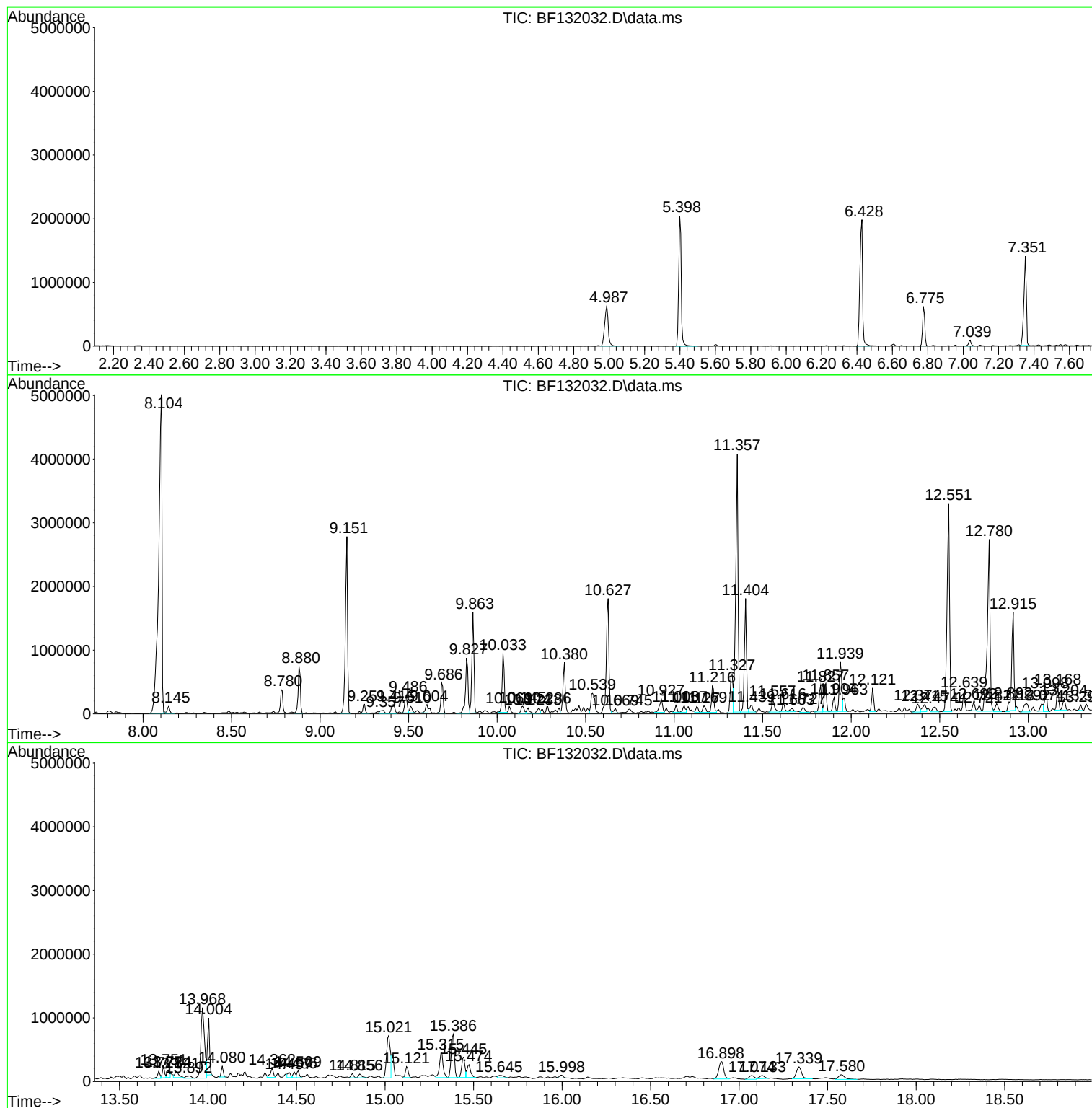
Sum of corrected areas: 52467244

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.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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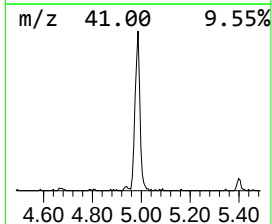
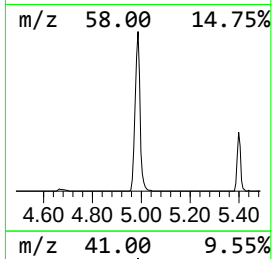
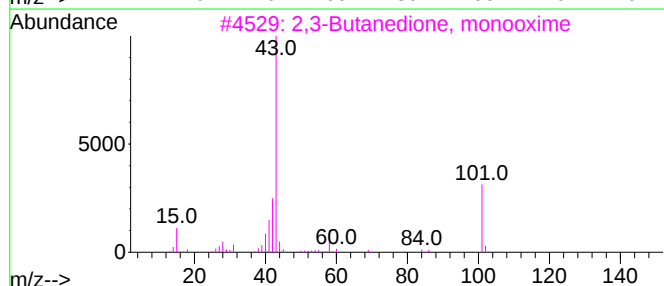
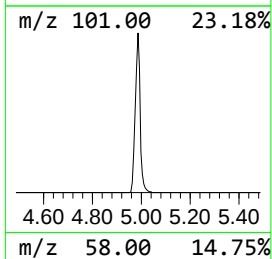
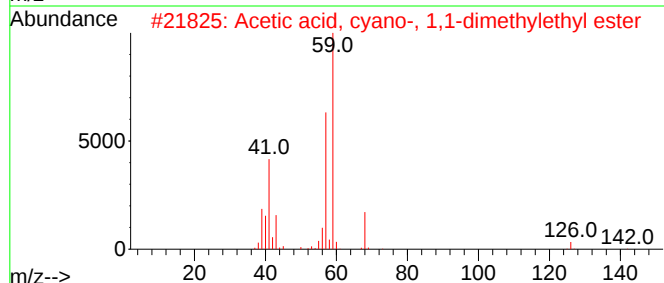
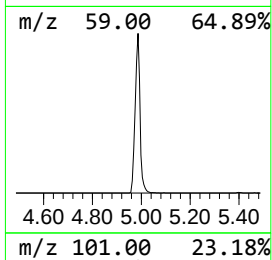
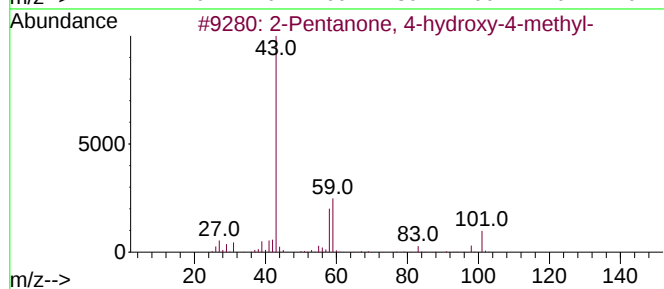
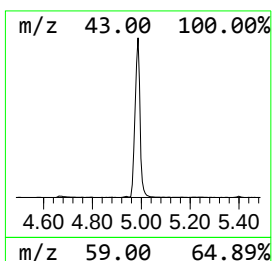
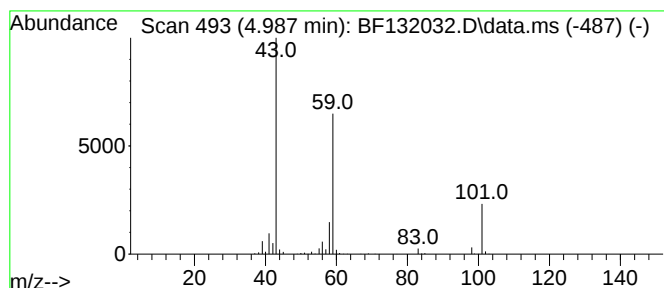
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	32.93 ng	877202	1,4-Dichlorobenzene-d4	6.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	



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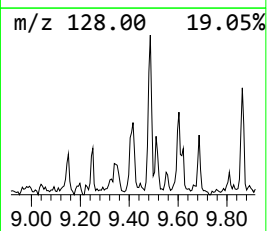
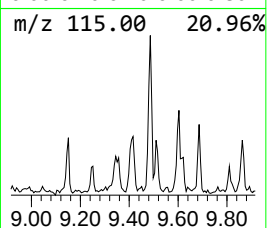
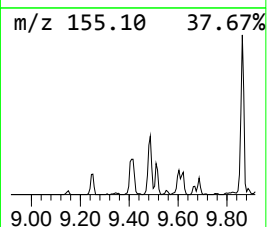
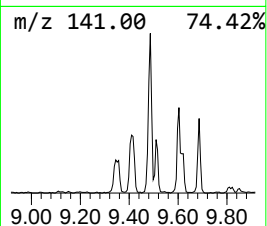
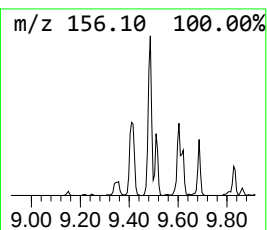
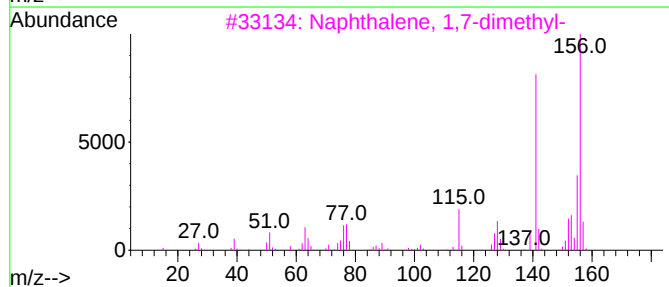
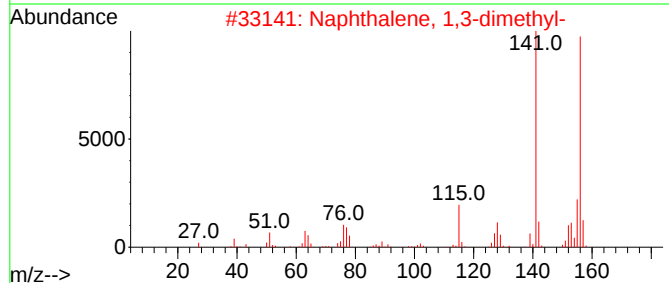
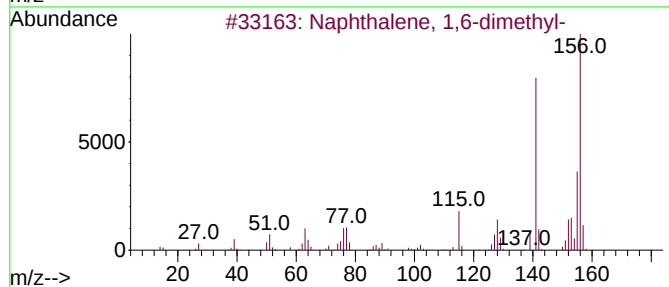
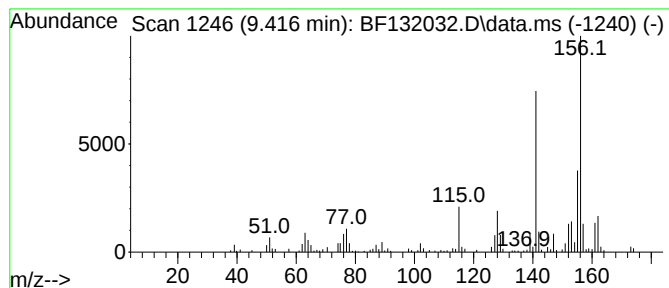
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	4.36 ng	189893	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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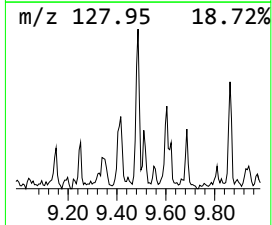
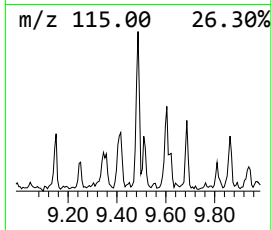
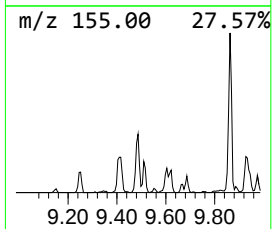
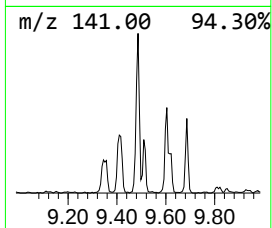
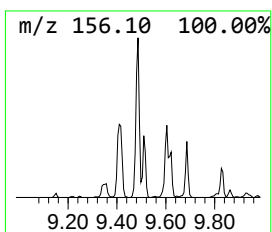
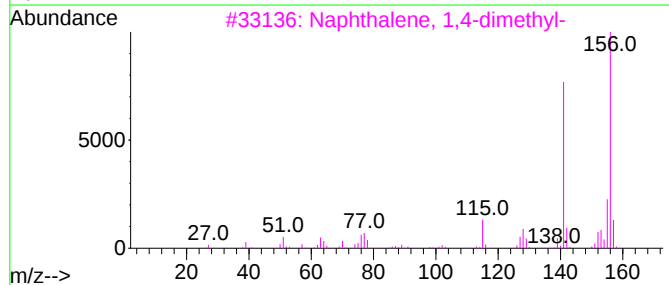
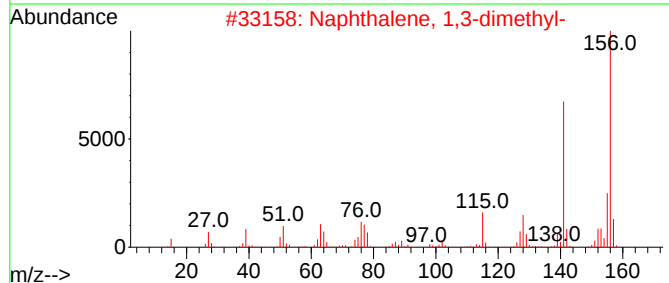
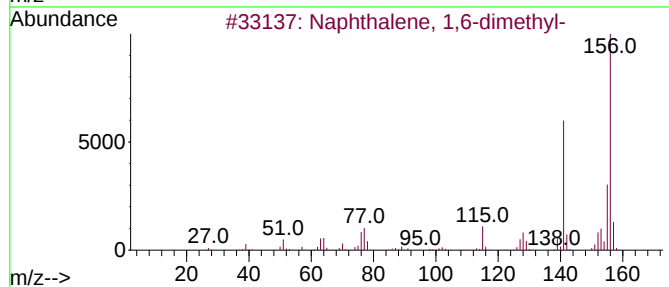
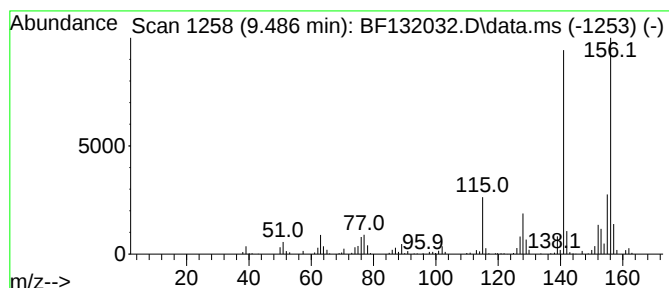
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	6.06 ng	264324	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3-(40-42)

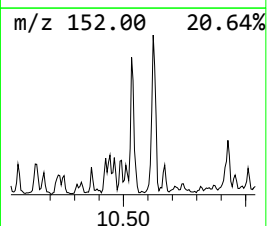
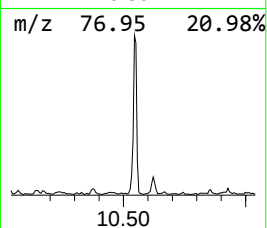
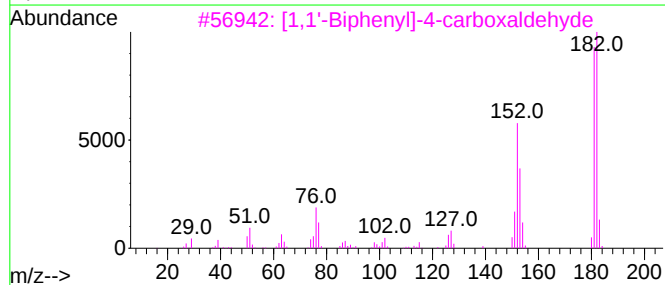
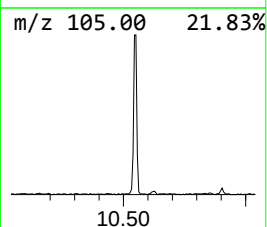
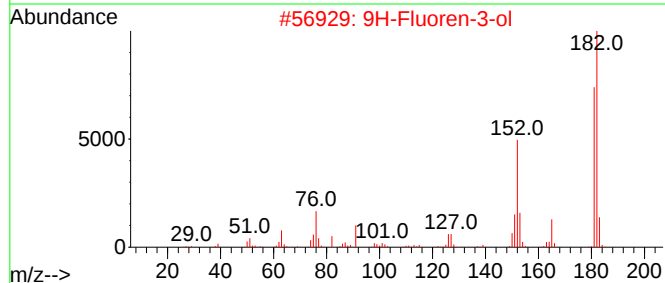
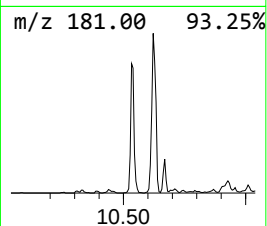
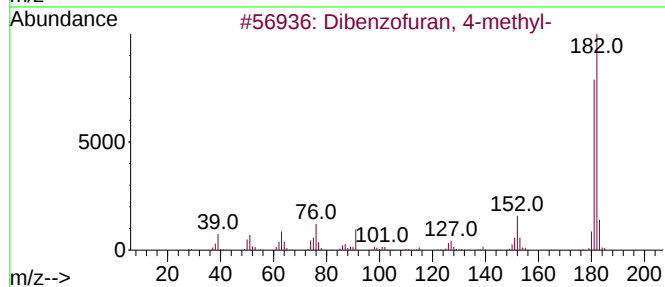
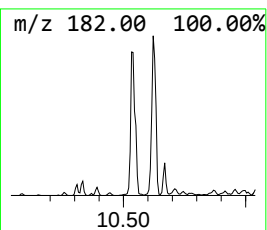
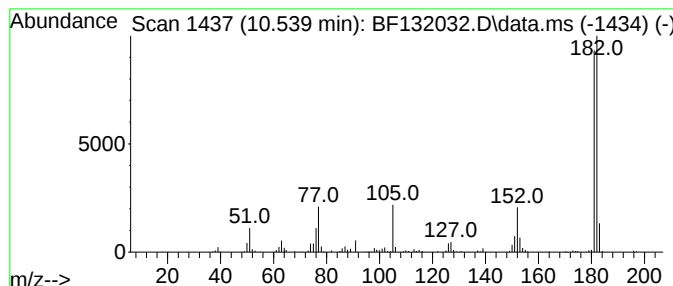
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	10.68 ng	465785	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59
5			8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
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Instrument :
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ClientSampleId :
B-3-(40-42)

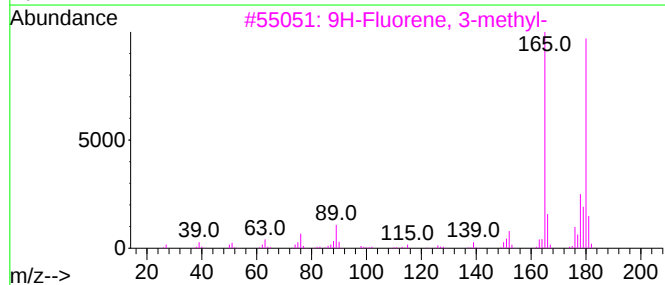
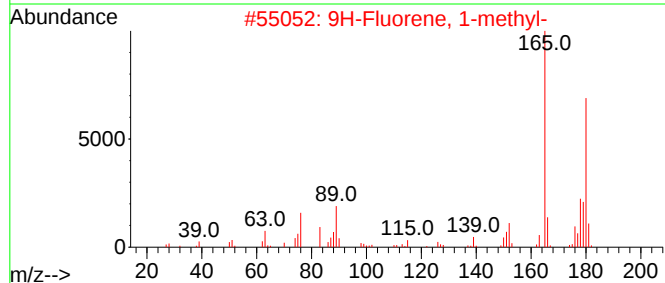
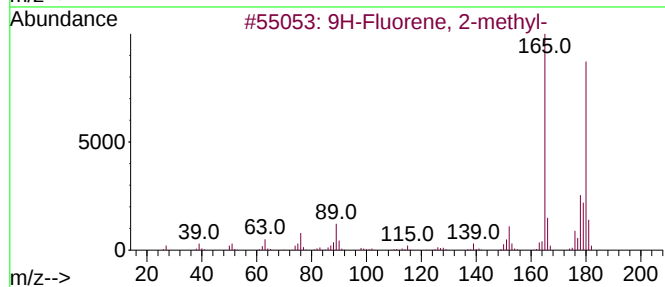
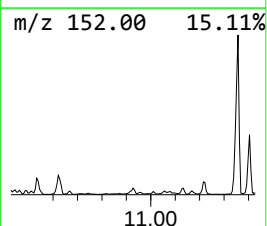
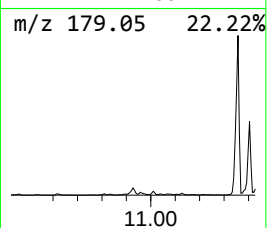
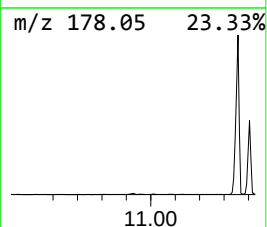
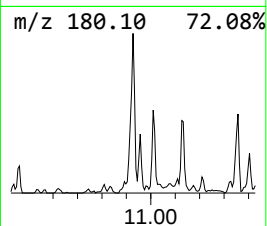
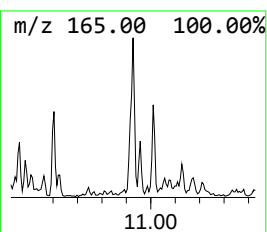
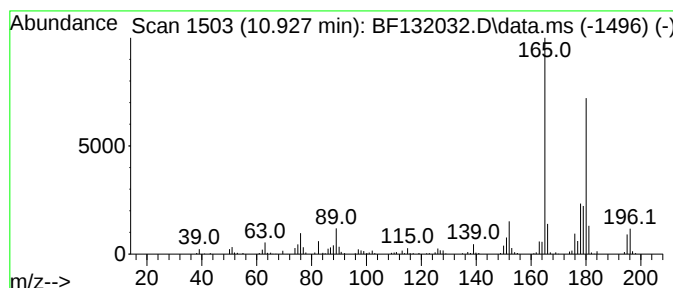
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	7.45 ng	252306	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
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ClientSampleId :
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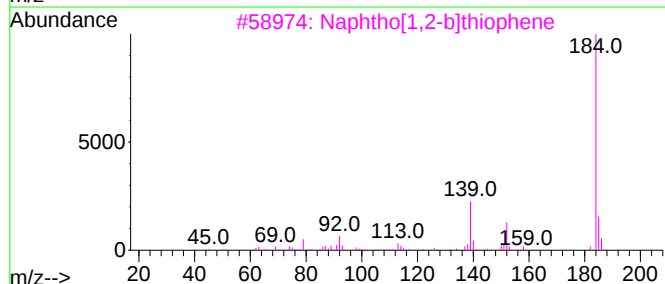
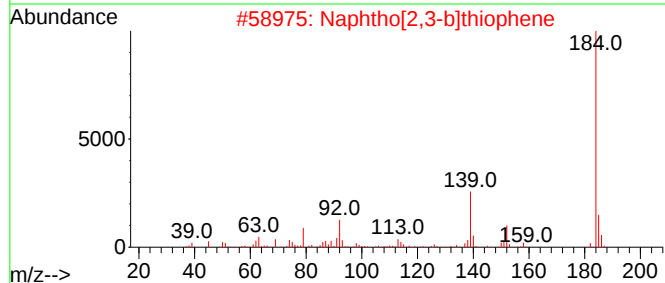
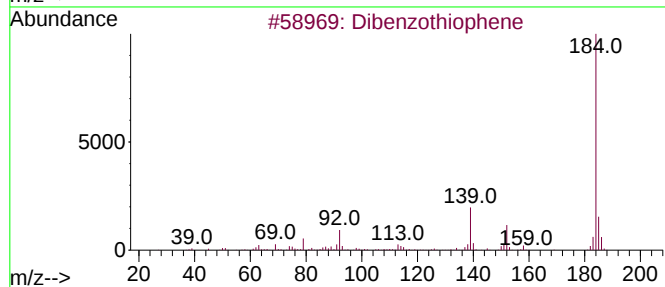
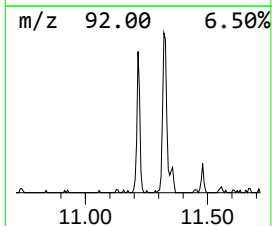
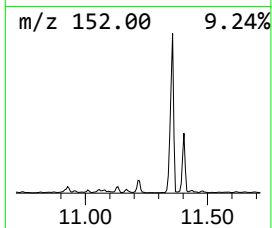
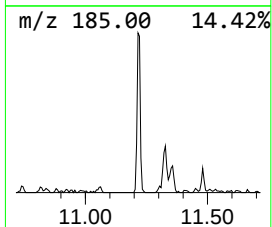
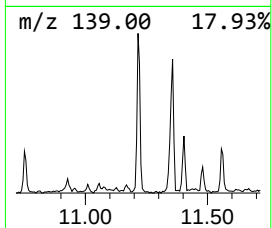
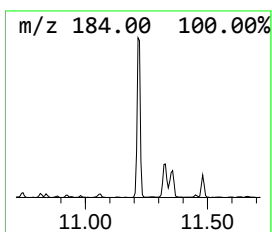
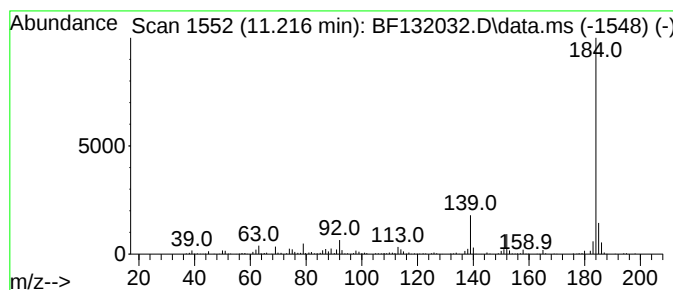
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	11.63 ng	394039	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
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Instrument :
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ClientSampleId :
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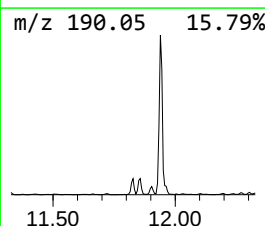
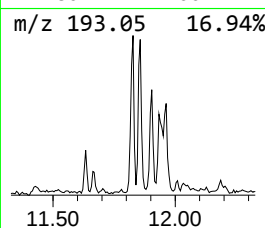
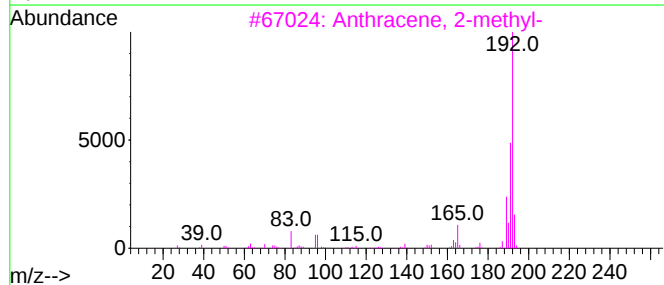
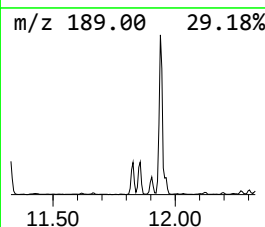
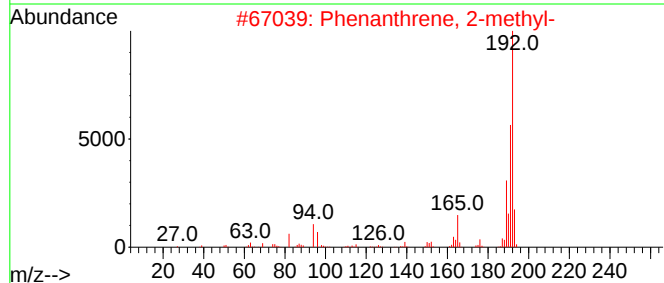
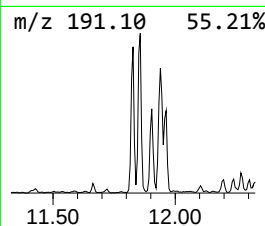
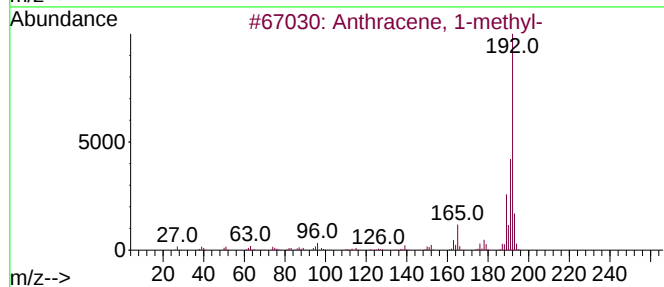
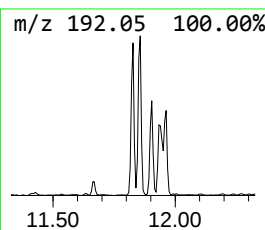
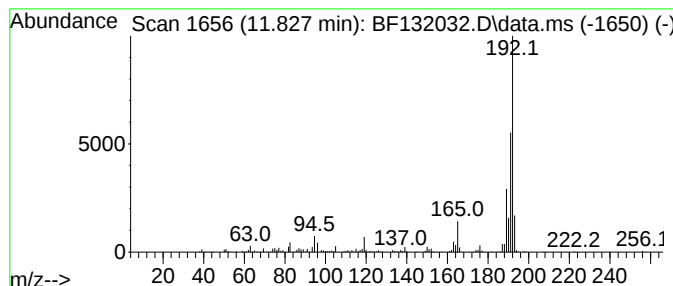
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	11.27 ng	381604	Phenanthrene-d10	11.327

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, 2-methyl-	192	C15H12	000613-12-7	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
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Instrument :
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ClientSampleId :
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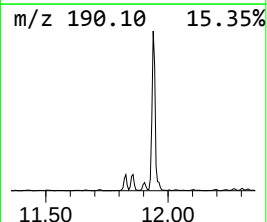
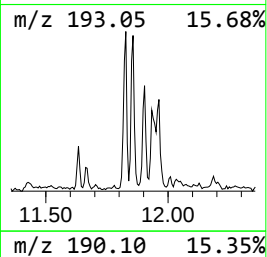
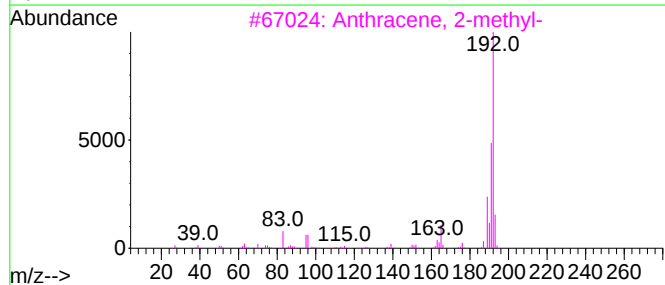
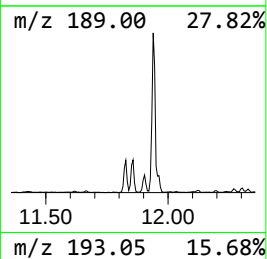
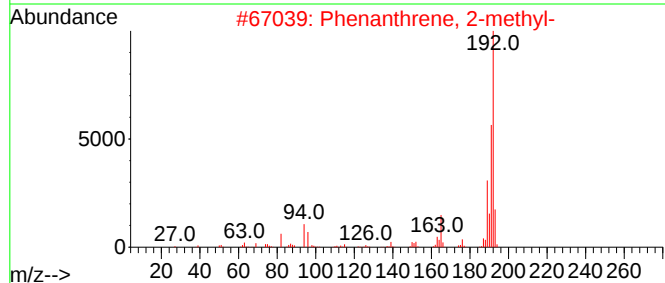
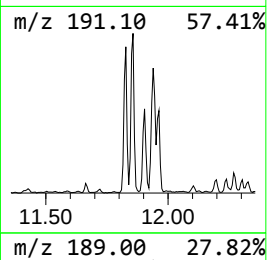
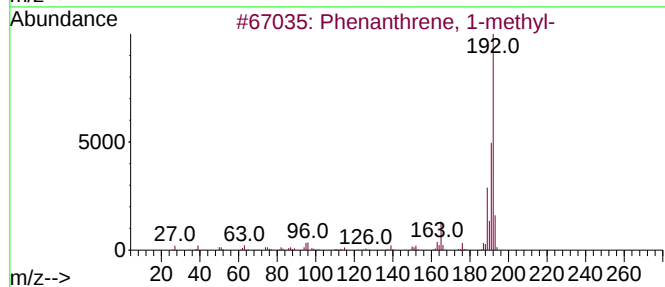
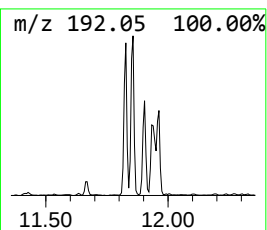
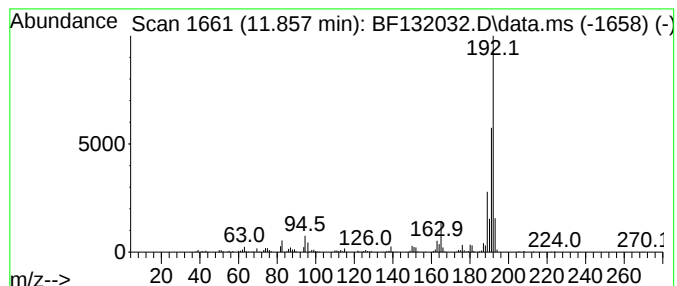
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	11.50 ng	389518	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-3-(40-42)

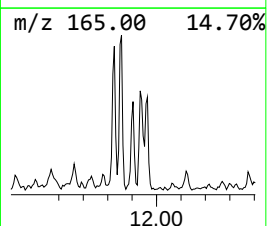
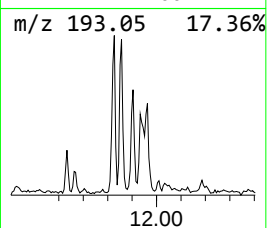
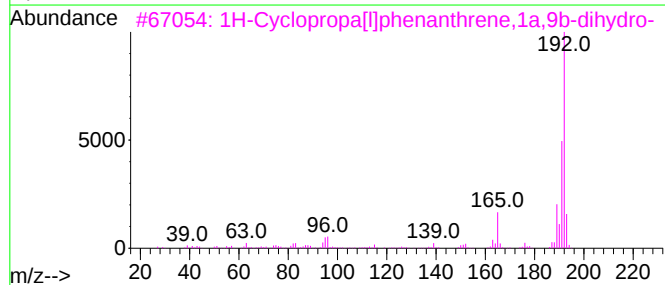
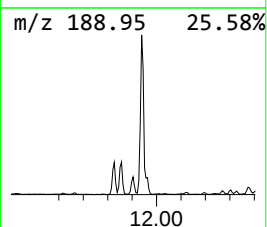
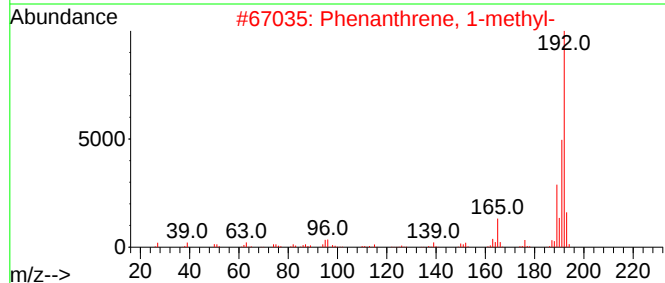
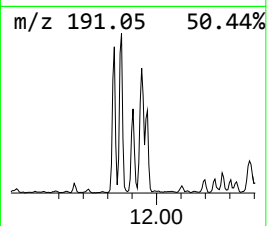
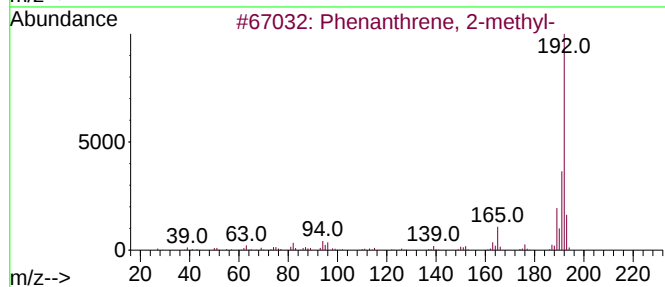
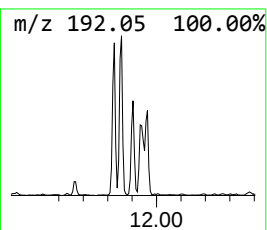
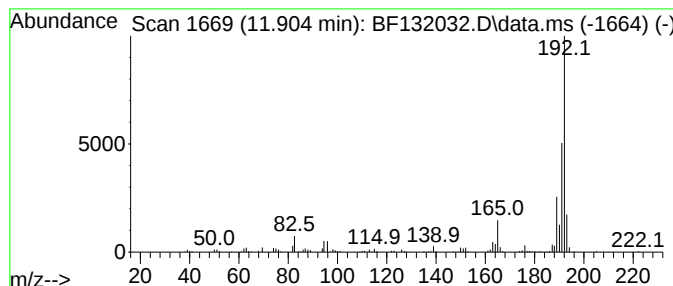
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	6.07 ng	205468	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	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\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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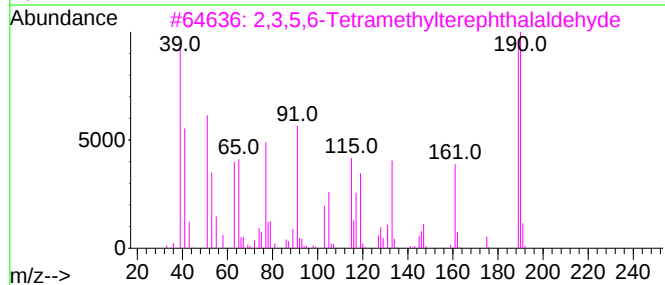
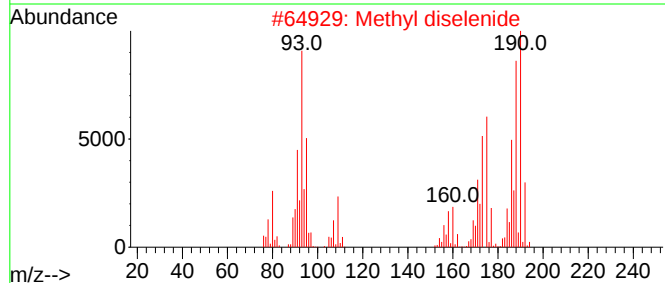
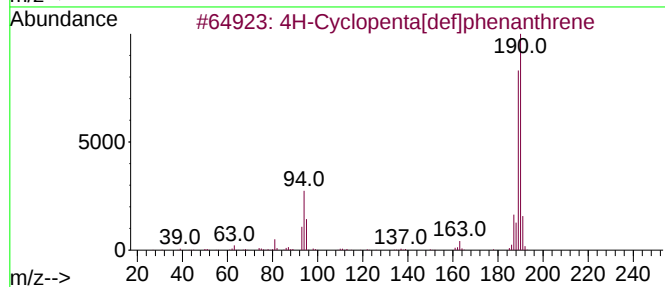
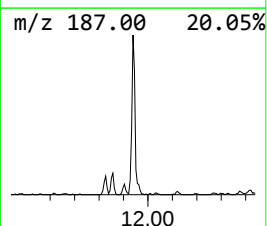
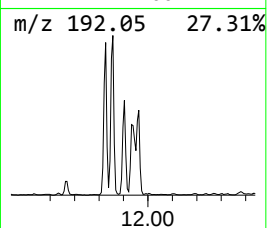
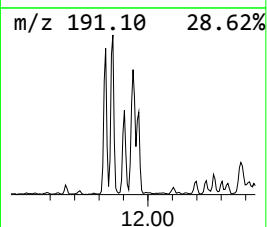
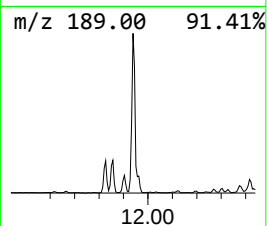
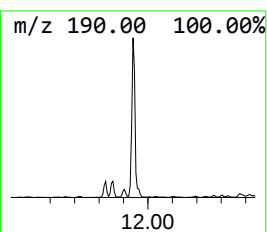
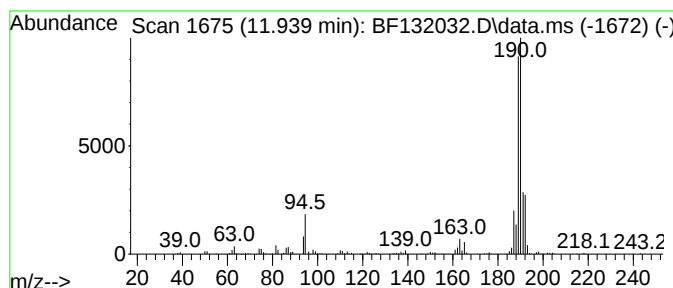
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	21.66 ng	733867	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			Methyl diselenide	190	C2H6Se2	007101-31-7	55
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

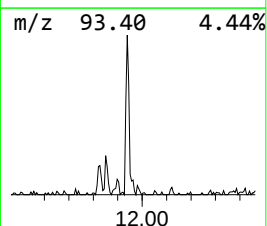
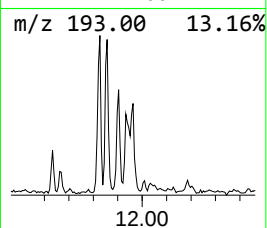
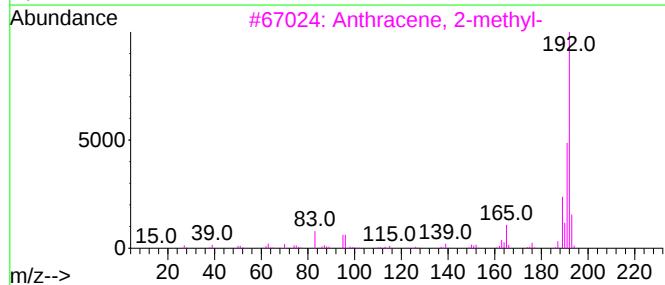
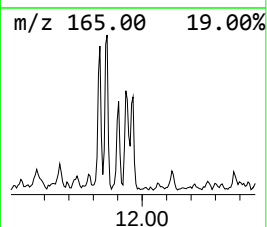
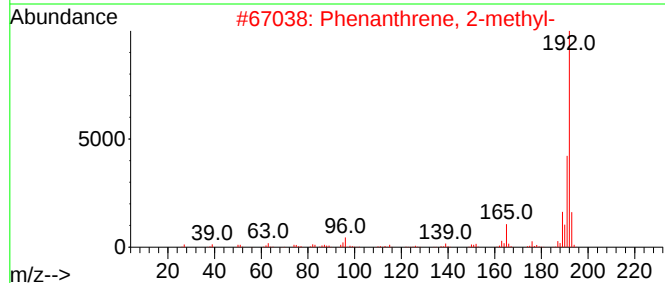
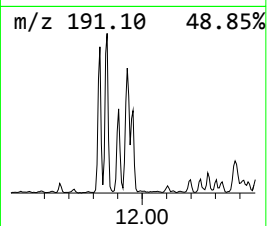
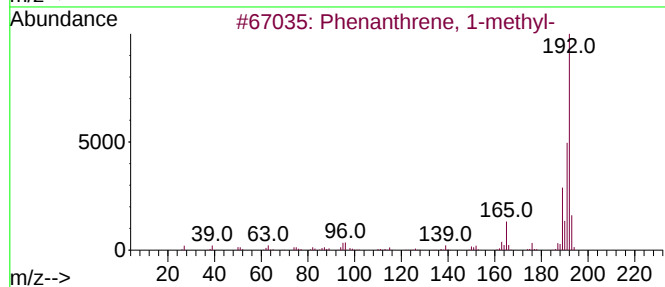
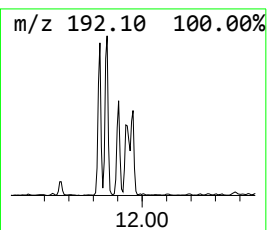
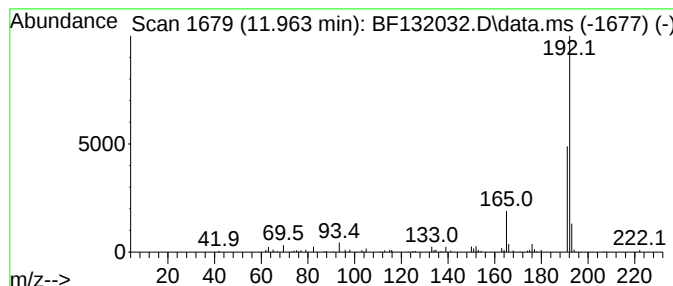
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.963	5.12 ng	173563	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	91
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	90
5	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
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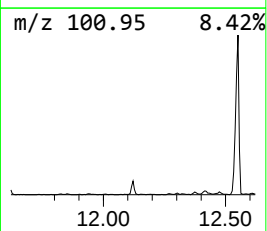
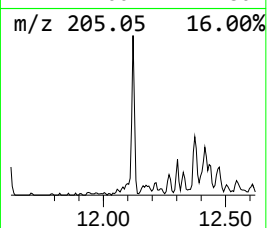
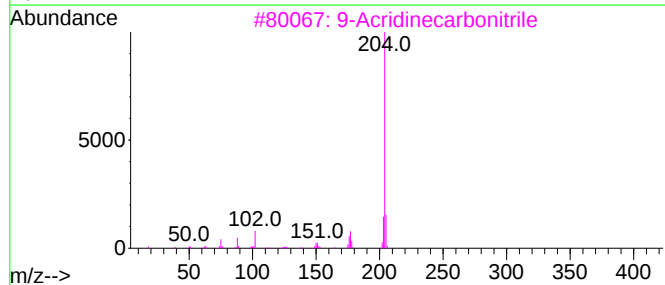
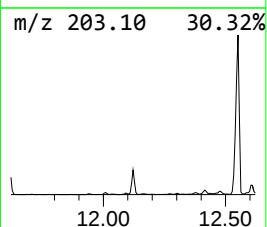
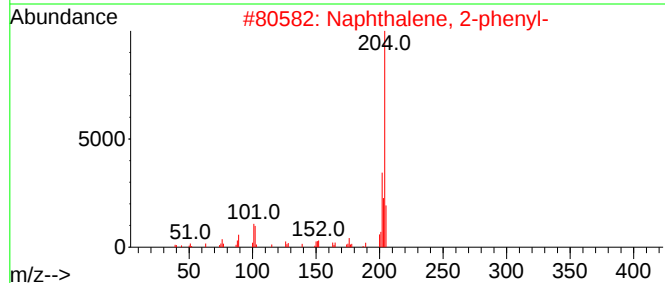
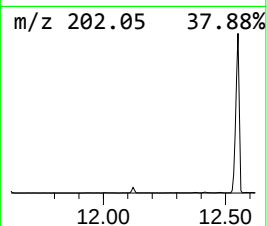
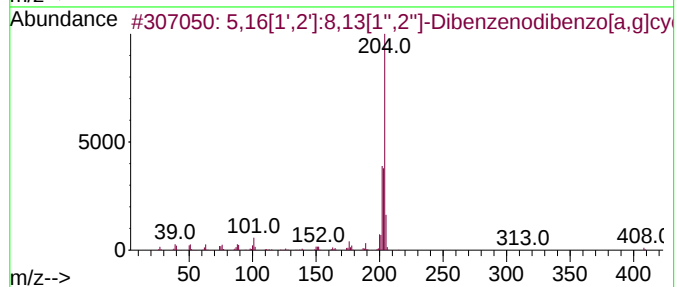
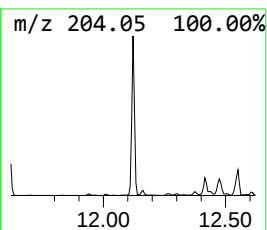
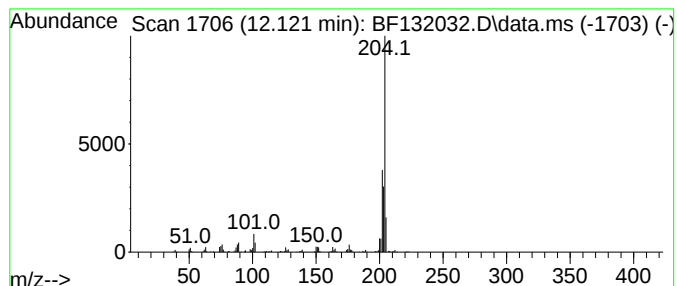
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	8.45 ng	286149	Phenanthrene-d10	11.327

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	89	
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58	
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58	
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
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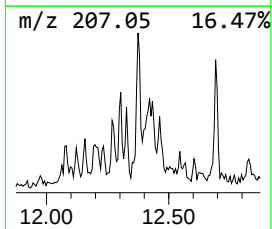
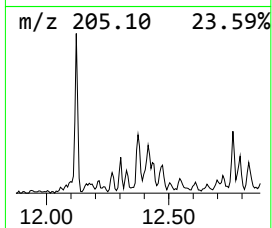
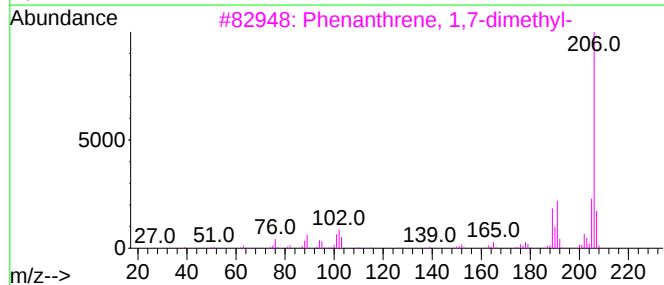
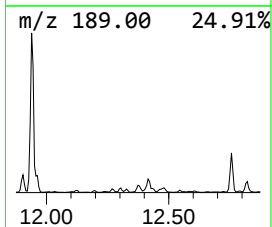
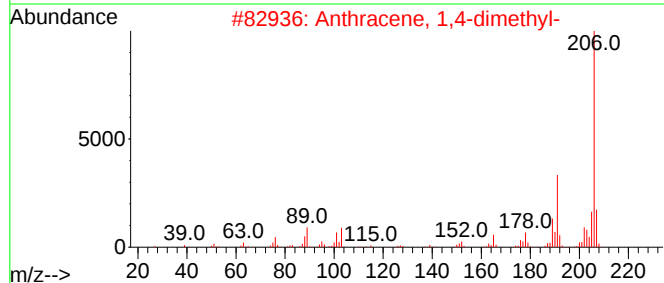
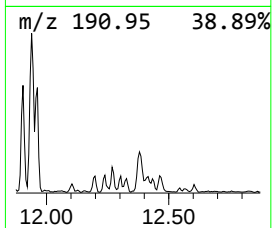
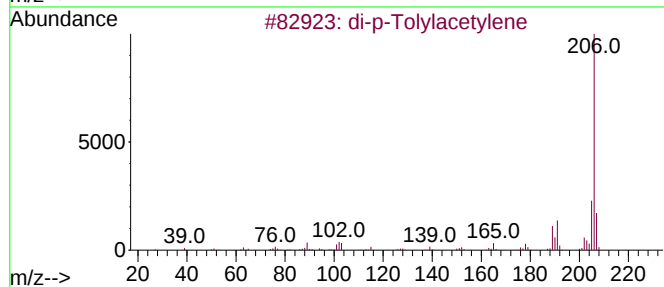
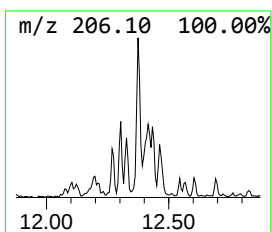
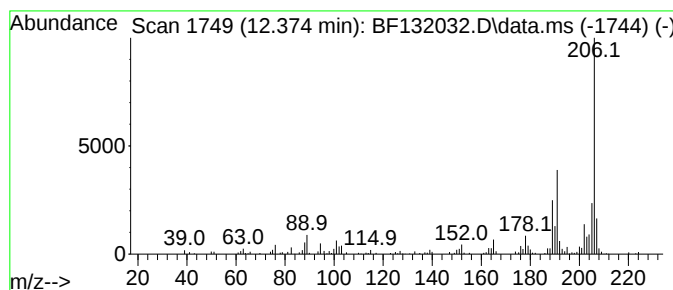
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	4.64 ng	157076	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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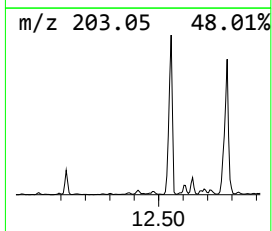
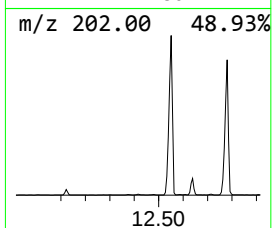
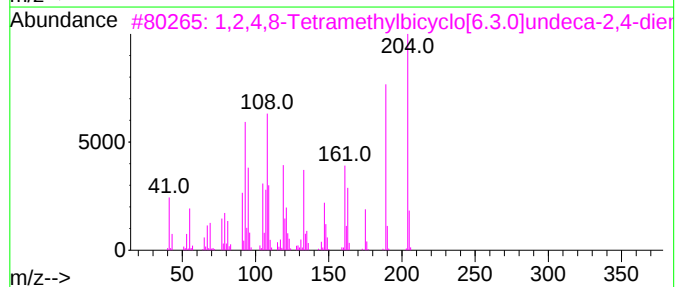
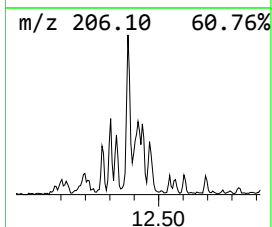
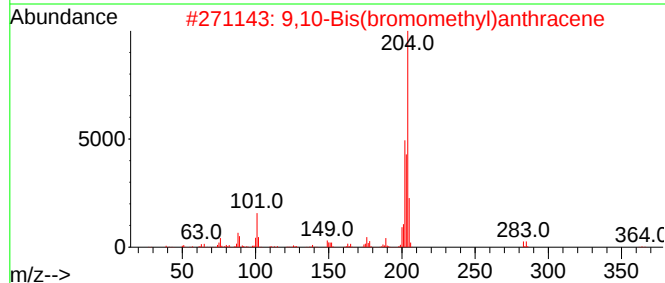
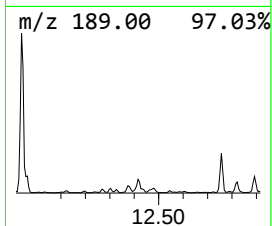
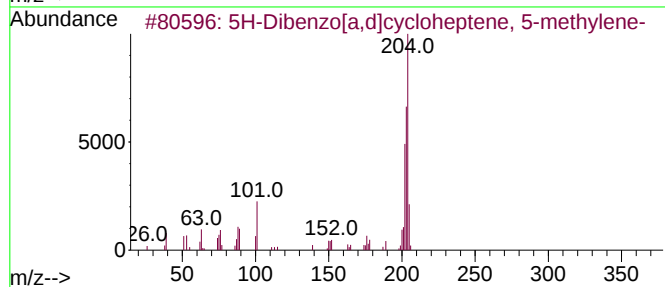
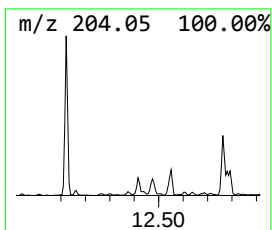
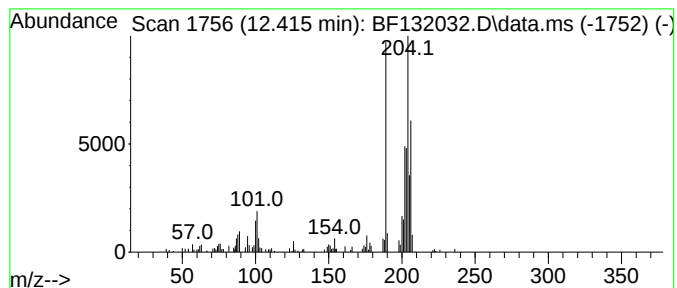
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	4.45 ng	150857	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50
2			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
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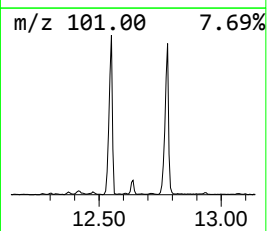
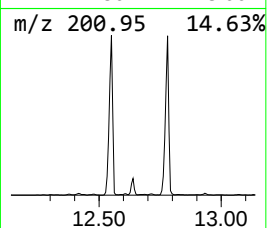
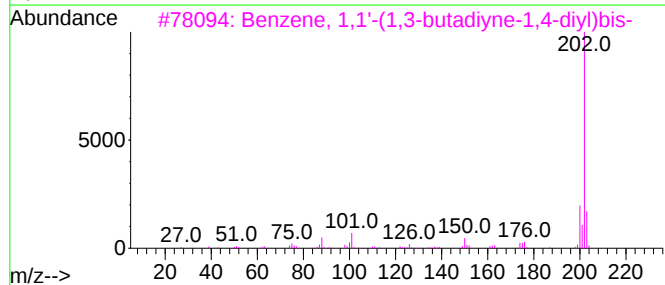
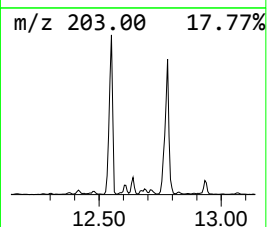
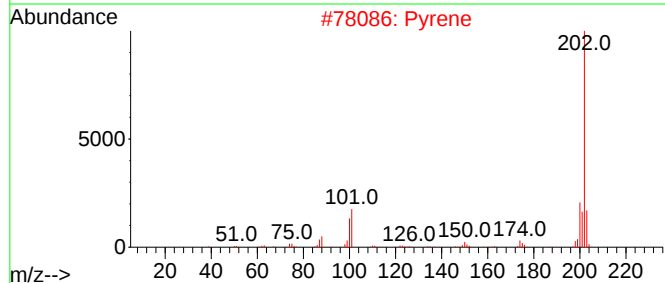
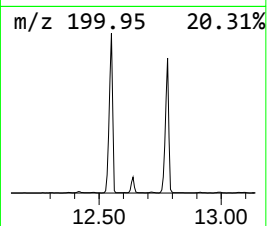
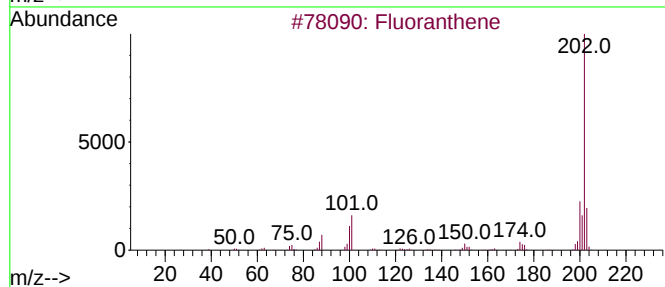
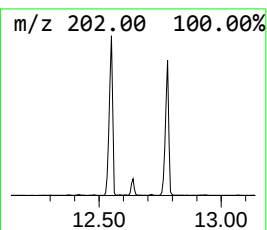
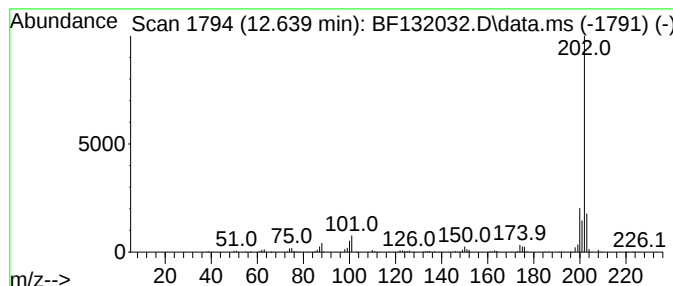
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.639	7.40 ng	250565	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Fluoranthene		202	C16H10	000206-44-0	96
2	Pyrene		202	C16H10	000129-00-0	87
3	Benzene, 1,1'-(1,3-butadiyne-1,4...		202	C16H10	000886-66-8	81
4	Succinic acid, di(4-cyanophenyl)...		320	C18H12N2O4	1000360-71-2	38
5	2-pyrazinol, 3-bromo-5,6-dimethyl-		202	C6H7BrN2O	1010396-05-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
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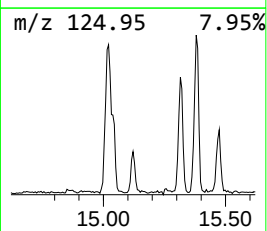
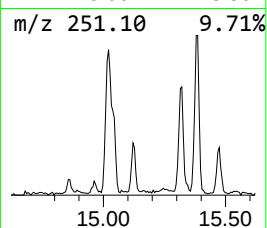
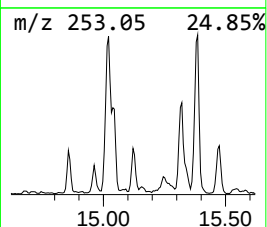
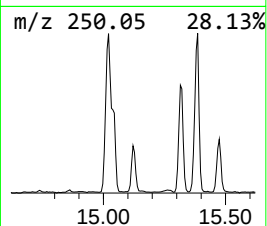
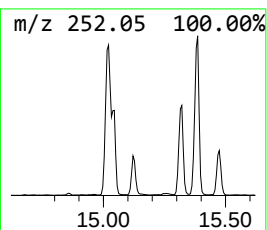
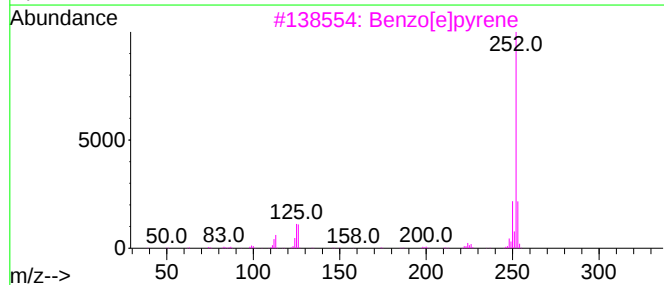
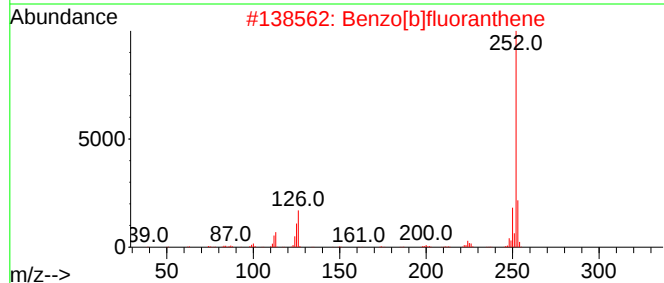
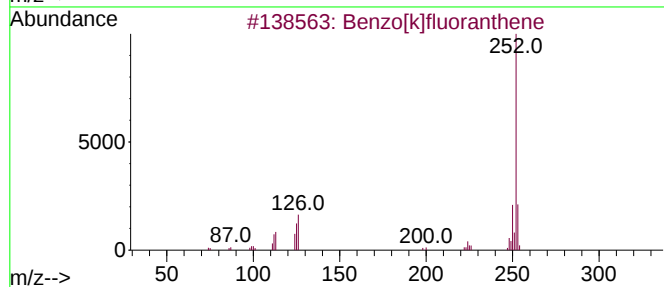
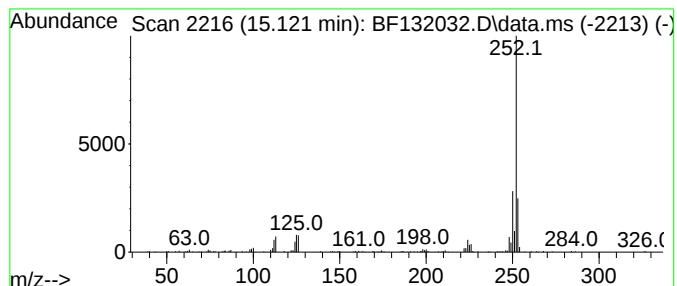
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	8.92 ng	183426	Perylene-d12	15.445

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3		Benzo[e]pyrene	252	C20H12	000192-97-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
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ALS Vial : 17 Sample Multiplier: 1

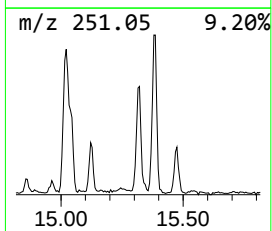
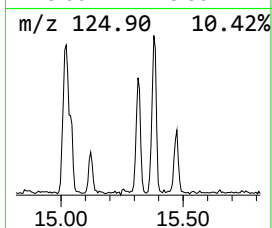
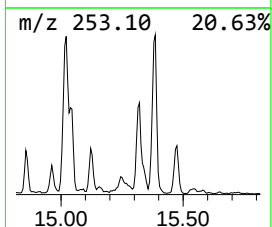
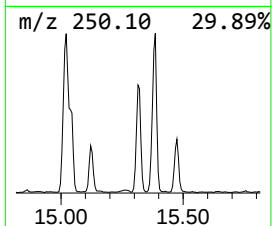
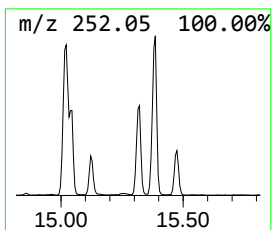
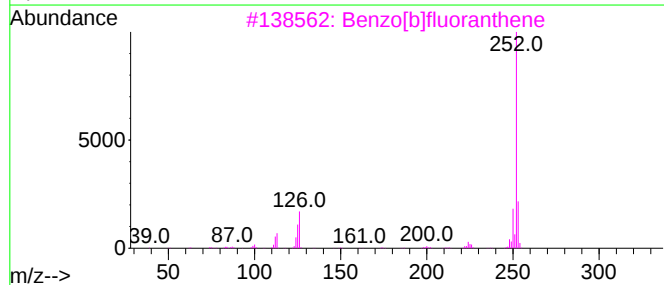
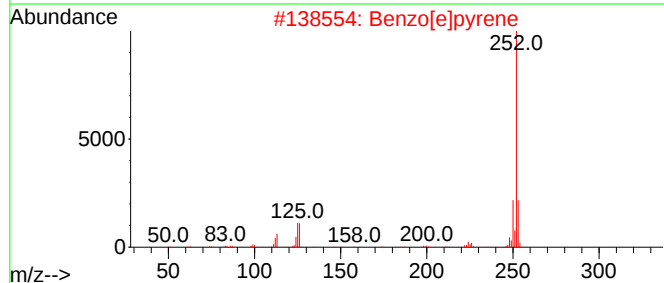
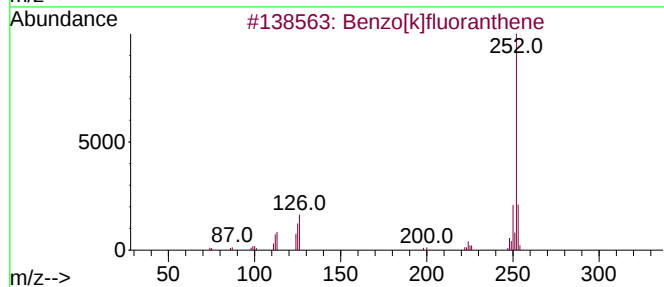
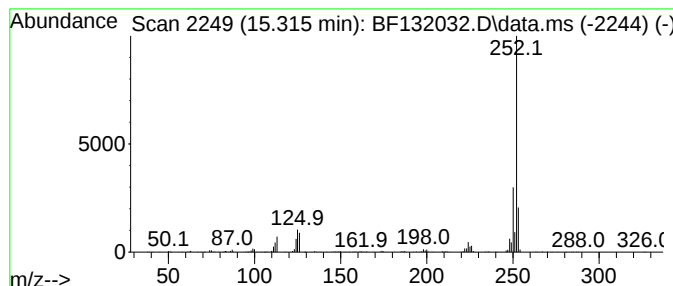
Instrument :
BNA_F
ClientSampleId :
B-3-(40-42)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.315	27.03 ng	556115	Perylene-d12	15.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(40-42)

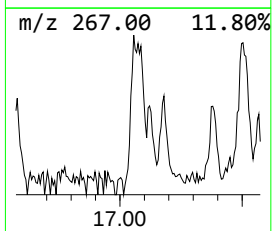
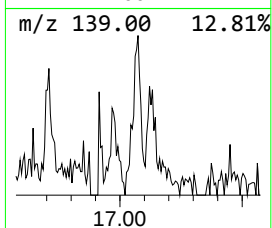
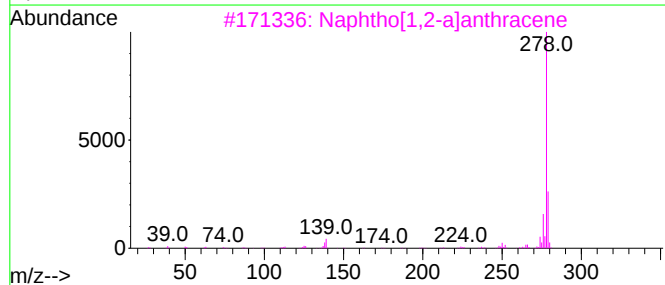
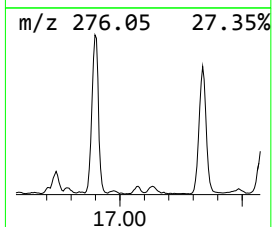
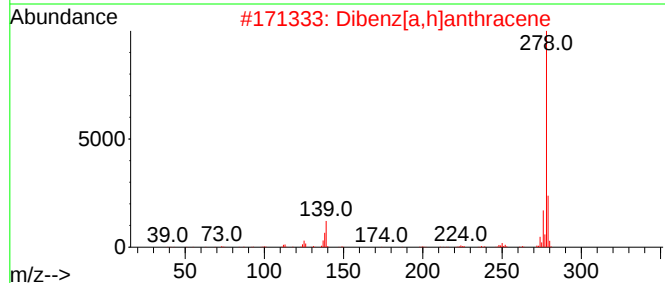
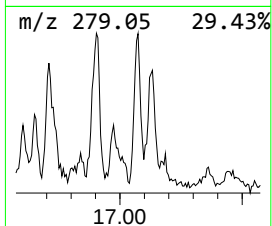
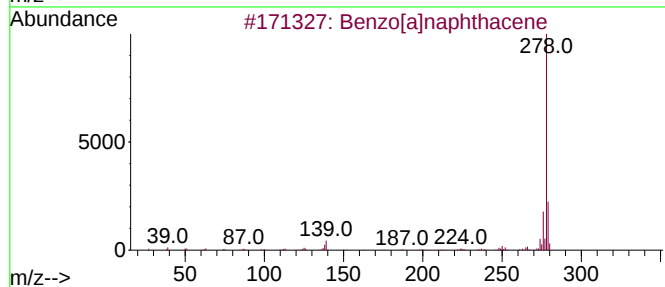
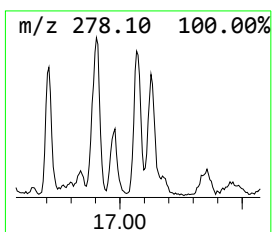
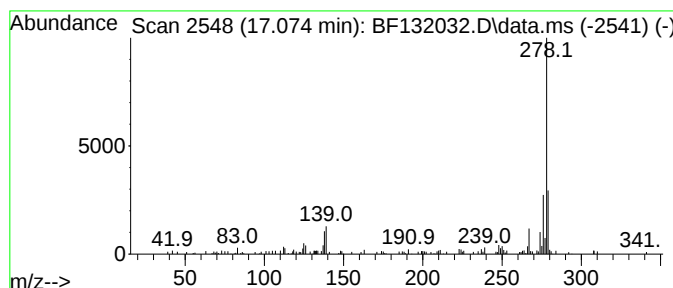
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[a]naphthacene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.074	5.98 ng	122981	Perylene-d12	15.445

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]naphthacene	278	C22H14	000226-88-0	90
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
3		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	86
4		Picene	278	C22H14	000213-46-7	83
5		Pentacene	278	C22H14	000135-48-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(40-42)

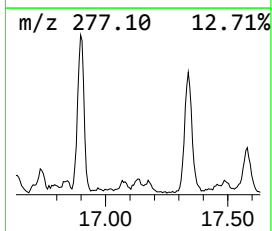
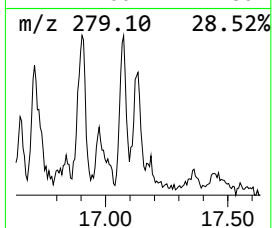
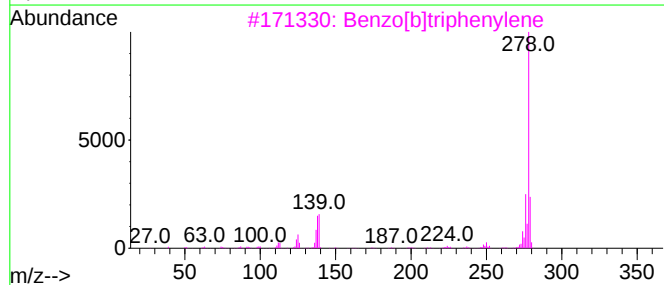
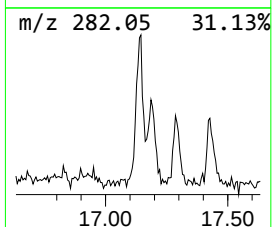
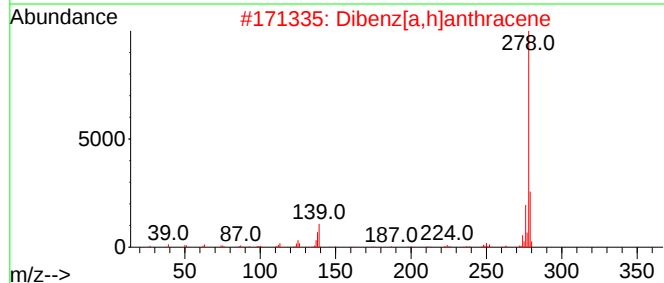
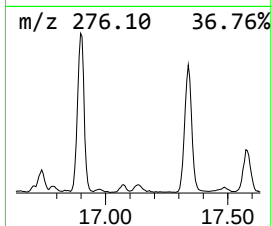
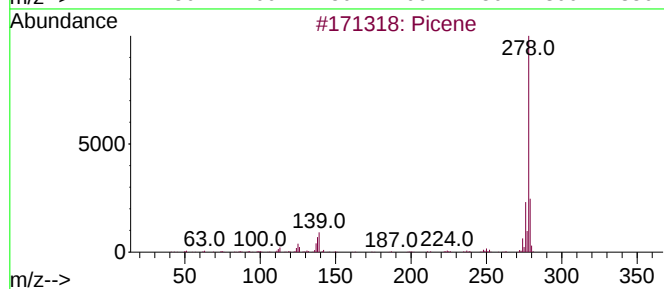
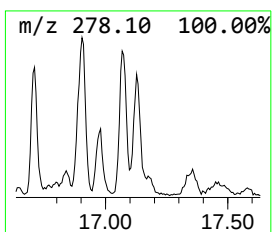
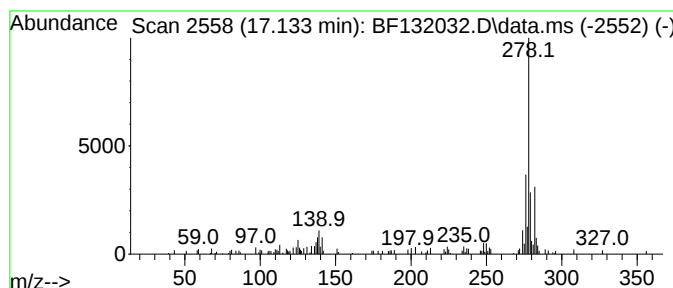
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.133	4.81 ng	98871	Perylene-d12	15.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	93
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	64
4			Benzo[a]naphthacene	278	C22H14	000226-88-0	64
5			Pentacene	278	C22H14	000135-48-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(40-42)

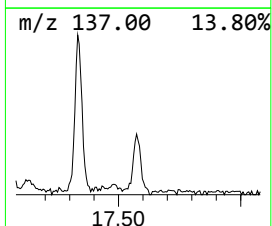
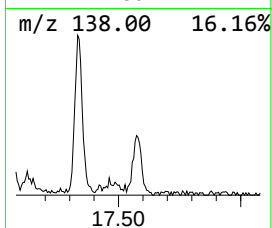
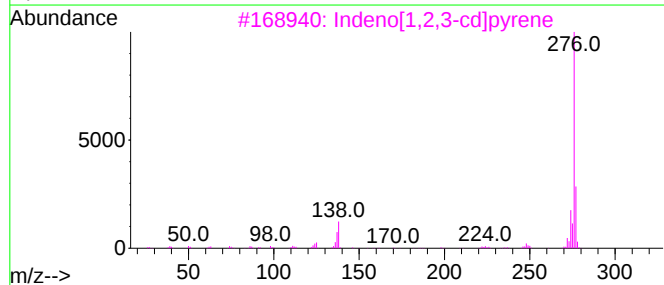
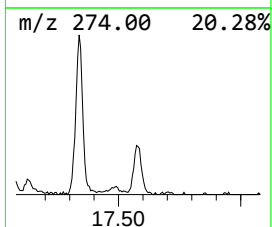
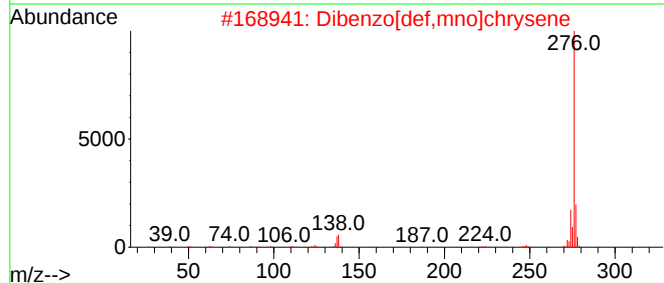
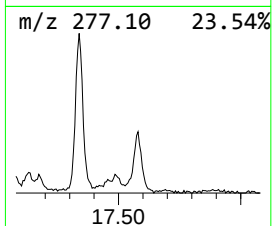
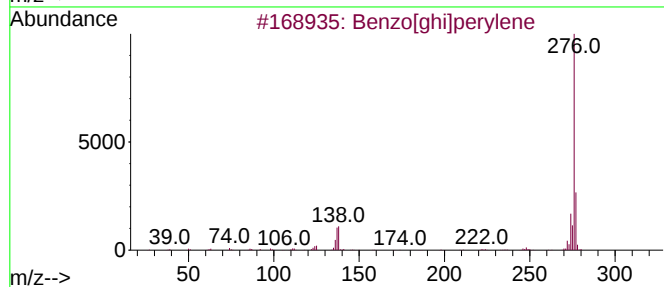
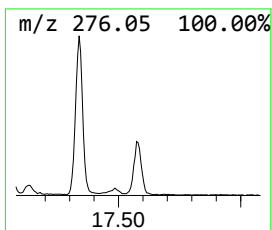
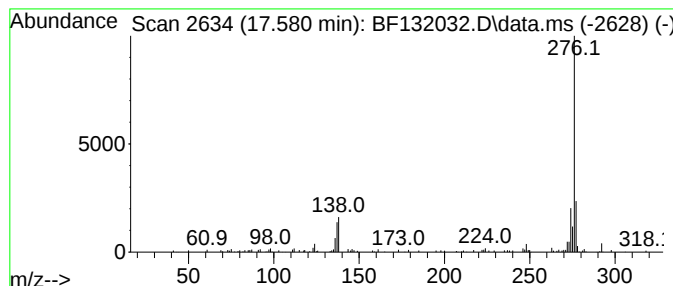
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	9.11 ng	187342	Perylene-d12	15.445

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
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\BF011123\
Data File : BF132032.D
Acq On : 11 Jan 2023 20:04
Operator : CG\JU
Sample : 01080-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-(40-42)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.987	32.9	ng	877202	1	6.775	532735	20.0
Naphthalene, 1,...	9.416	4.4	ng	189893	3	9.827	871962	20.0
Naphthalene, 1,...	9.486	6.1	ng	264324	3	9.827	871962	20.0
Dibenzofuran, 4...	10.539	10.7	ng	465785	3	9.827	871962	20.0
9H-Fluorene, 2-...	10.927	7.5	ng	252306	4	11.327	677476	20.0
Dibenzothiophene	11.216	11.6	ng	394039	4	11.327	677476	20.0
Anthracene, 1-m...	11.827	11.3	ng	381604	4	11.327	677476	20.0
Phenanthrene, 1...	11.857	11.5	ng	389518	4	11.327	677476	20.0
Phenanthrene, 2...	11.904	6.1	ng	205468	4	11.327	677476	20.0
4H-Cyclopenta[d...	11.939	21.7	ng	733867	4	11.327	677476	20.0
Anthracene, 2-m...	11.963	5.1	ng	173563	4	11.327	677476	20.0
5,16[1',2']:8,1...	12.121	8.4	ng	286149	4	11.327	677476	20.0
di-p-Tolylacety...	12.374	4.6	ng	157076	4	11.327	677476	20.0
5H-Dibenzo[a,d]...	12.416	4.5	ng	150857	4	11.327	677476	20.0
Benzene, 1,1'-(...	12.639	7.4	ng	250565	4	11.327	677476	20.0
Benzo[e]pyrene	15.121	8.9	ng	183426	6	15.445	411489	20.0
Benzo[j]fluoran...	15.315	27.0	ng	556115	6	15.445	411489	20.0
Benzo[a]naphtha...	17.074	6.0	ng	122981	6	15.445	411489	20.0
Picene	17.133	4.8	ng	98871	6	15.445	411489	20.0
Dibenzo[def,mno...	17.580	9.1	ng	187342	6	15.445	411489	20.0