

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142166.D
 Acq On : 28 Mar 2025 18:03
 Operator : RC/JU
 Sample : Q1654-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3407

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142166.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	25	rVB	881536	1426688	1.97%	0.208%
2	5.487	571	577	593	rBV	2192404	3036995	4.19%	0.443%
3	6.493	740	748	759	rBV	2061661	3075564	4.24%	0.449%
4	6.869	807	812	818	rBV	727848	900577	1.24%	0.131%
5	7.434	899	908	918	rBV	1505662	2272578	3.14%	0.332%
6	7.892	980	986	990	rBV3	899400	1497939	2.07%	0.219%
7	8.198	1023	1038	1042	rBV	11600419	25825800	35.63%	3.768%
8	8.234	1042	1044	1049	rVB	1971560	2121184	2.93%	0.309%
9	8.510	1087	1091	1093	rVV	653234	870866	1.20%	0.127%
10	8.751	1128	1132	1136	rVV3	541624	773265	1.07%	0.113%
11	8.822	1140	1144	1147	rVV	497452	745432	1.03%	0.109%
12	8.892	1147	1156	1160	rVV	13502199	28298193	39.04%	4.129%
13	8.928	1160	1162	1165	rVV	1055667	1356627	1.87%	0.198%
14	8.986	1165	1172	1177	rVV	10016698	16523742	22.80%	2.411%
15	9.228	1209	1213	1218	rVB	2965472	3765066	5.19%	0.549%
16	9.339	1223	1232	1236	rVV	6390982	9811609	13.54%	1.432%
17	9.434	1240	1248	1253	rVB	3265724	5295537	7.31%	0.773%
18	9.504	1253	1260	1266	rBV	6533229	11291495	15.58%	1.647%
19	9.581	1266	1273	1276	rVV	6707547	12285096	16.95%	1.792%
20	9.604	1276	1277	1286	rVV	4840693	4980398	6.87%	0.727%
21	9.692	1286	1292	1299	rVV	3201864	5239760	7.23%	0.764%
22	9.775	1299	1306	1310	rVB2	2012278	2824682	3.90%	0.412%
23	9.922	1322	1331	1333	rBV	4538106	7038936	9.71%	1.027%
24	9.981	1333	1341	1346	rVV	15483198	36739820	50.69%	5.360%
25	10.022	1346	1348	1353	rVB	1397657	1857496	2.56%	0.271%
26	10.075	1353	1357	1361	rBV	1879218	2736413	3.78%	0.399%
27	10.145	1361	1369	1379	rVB	13265468	29308650	40.44%	4.276%
28	10.233	1379	1384	1386	rBV	1526447	2108368	2.91%	0.308%
29	10.263	1386	1389	1394	rVB	1571549	1952515	2.69%	0.285%
30	10.322	1394	1399	1401	rBV	1360182	2193833	3.03%	0.320%
31	10.416	1410	1415	1416	rBV	941137	1150560	1.59%	0.168%
32	10.492	1416	1428	1433	rVV2	15275821	40924934	56.47%	5.971%
33	10.563	1433	1440	1445	rVV3	5469019	13760088	18.99%	2.008%
34	10.628	1445	1451	1456	rVB2	5884455	11505743	15.87%	1.679%
35	10.716	1456	1466	1471	rBV	7027952	13291410	18.34%	1.939%
36	10.757	1471	1473	1478	rVB	1244925	1273442	1.76%	0.186%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.816	1478	1483	1490	rVB2	5214750	8017047	11.06%	1.170%
38	10.892	1490	1496	1500	rBV4	1237886	1871353	2.58%	0.273%
39	10.945	1500	1505	1509	rBV2	929732	1416855	1.95%	0.207%
40	11.016	1509	1517	1520	rBV2	4329314	7536410	10.40%	1.100%
41	11.045	1520	1522	1525	rVV2	1466640	1601404	2.21%	0.234%
42	11.098	1527	1531	1534	rVV2	1320605	1693483	2.34%	0.247%
43	11.163	1534	1542	1548	rVV4	1691163	4673366	6.45%	0.682%
44	11.263	1554	1559	1562	rBV2	1958498	3220764	4.44%	0.470%
45	11.310	1562	1567	1577	rVB	6304834	9844275	13.58%	1.436%
46	11.486	1580	1597	1601	rBV	18958825	72477466	100.00%	10.575%
47	11.522	1601	1603	1609	rVV	10049825	12179044	16.80%	1.777%
48	11.645	1617	1624	1630	rVV2	3294326	6295259	8.69%	0.918%
49	11.704	1630	1634	1637	rVV2	1471481	2254455	3.11%	0.329%
50	11.739	1637	1640	1645	rVB4	981046	1538506	2.12%	0.224%
51	11.822	1650	1654	1659	rVB	837692	1141116	1.57%	0.166%
52	11.916	1663	1670	1672	rBV	5193164	8163283	11.26%	1.191%
53	11.945	1672	1675	1679	rVB	6474740	8798735	12.14%	1.284%
54	11.998	1679	1684	1686	rBV	2381398	3435310	4.74%	0.501%
55	12.039	1686	1691	1697	rVB3	9182503	16620219	22.93%	2.425%
56	12.204	1714	1719	1723	rBV	3716663	4674865	6.45%	0.682%
57	12.351	1739	1744	1746	rBV2	937393	1323596	1.83%	0.193%
58	12.457	1757	1762	1765	rBV	1507766	2354508	3.25%	0.344%
59	12.498	1765	1769	1775	rVB3	1293955	2305103	3.18%	0.336%
60	12.663	1785	1797	1804	rBV	16251997	47590967	65.66%	6.944%
61	12.722	1804	1807	1812	rVB2	1466163	2102068	2.90%	0.307%
62	12.780	1813	1817	1821	rVB	1635479	2071064	2.86%	0.302%
63	12.880	1822	1834	1844	rVB3	15810216	43699019	60.29%	6.376%
64	12.986	1845	1852	1860	rVB3	2935956	6550360	9.04%	0.956%
65	13.074	1860	1867	1871	rBV3	2067556	4391279	6.06%	0.641%
66	13.186	1877	1886	1892	rBV	4795776	9178296	12.66%	1.339%
67	13.257	1892	1898	1901	rVV	5426266	8322449	11.48%	1.214%
68	13.292	1901	1904	1910	rVV4	2366083	4648177	6.41%	0.678%
69	13.339	1910	1912	1916	rVV	710188	846674	1.17%	0.124%
70	13.380	1916	1919	1921	rVV	875239	1145066	1.58%	0.167%
71	13.410	1921	1924	1931	rVB2	1107347	1681944	2.32%	0.245%
72	13.527	1941	1944	1947	rBV2	502441	771546	1.06%	0.113%
73	13.657	1962	1966	1969	rBV	764048	1178502	1.63%	0.172%
74	13.798	1985	1990	1993	rBV	2078249	3302498	4.56%	0.482%
75	13.827	1993	1995	1997	rVV	1802741	2062724	2.85%	0.301%
76	13.857	1997	2000	2010	rVB4	1535269	3558260	4.91%	0.519%

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 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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.963	2015	2018	2024	rVB	556075	778711	1.07%	0.114%
78	14.051	2025	2033	2036	rBV2	7250598	14463130	19.96%	2.110%
79	14.086	2036	2039	2045	rVB	6431208	9407229	12.98%	1.373%
80	14.163	2048	2052	2055	rBV	1509462	1852220	2.56%	0.270%
81	14.263	2066	2069	2074	rVB2	780760	1117610	1.54%	0.163%
82	14.427	2093	2097	2101	rVV	1135475	1980535	2.73%	0.289%
83	14.463	2101	2103	2106	rVV	618106	725085	1.00%	0.106%
84	14.521	2107	2113	2116	rVV3	731922	1674226	2.31%	0.244%
85	14.574	2116	2122	2126	rVV3	856273	1951131	2.69%	0.285%
86	14.739	2146	2150	2159	rBV4	353562	835774	1.15%	0.122%
87	15.098	2204	2211	2219	rBV	2641044	6684636	9.22%	0.975%
88	15.398	2257	2262	2268	rVB	1213393	1914451	2.64%	0.279%
89	15.463	2268	2273	2278	rVV	1718147	2687533	3.71%	0.392%
90	15.521	2278	2283	2286	rVV2	576280	1141008	1.57%	0.166%
91	15.551	2286	2288	2295	rVB2	509220	782605	1.08%	0.114%
92	17.004	2529	2535	2542	rBV2	378932	800992	1.11%	0.117%

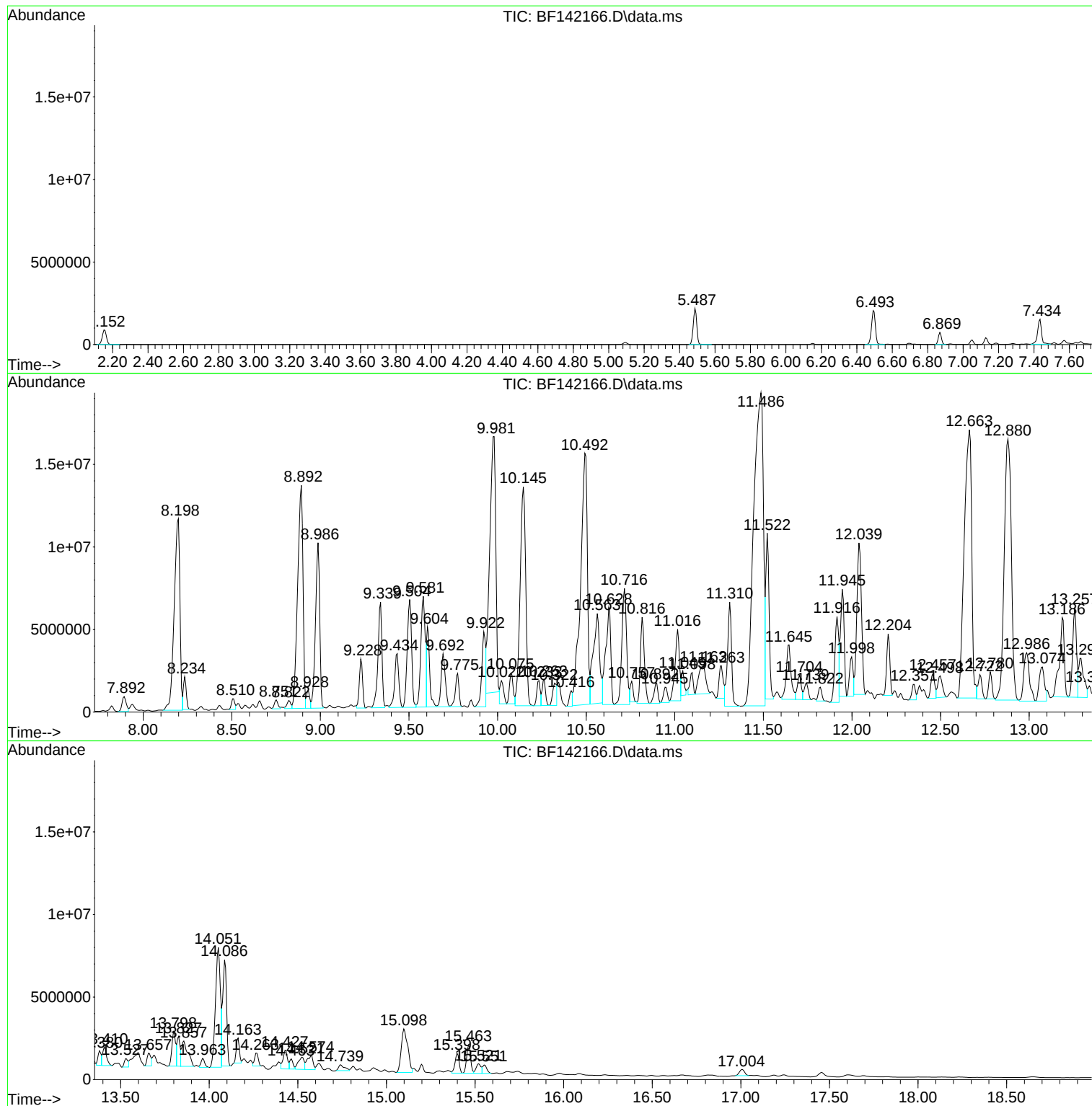
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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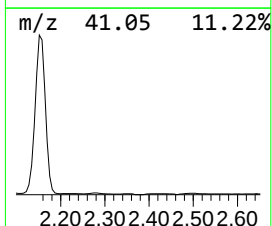
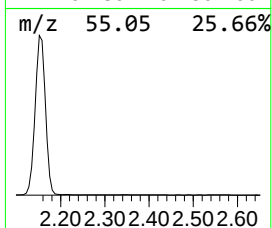
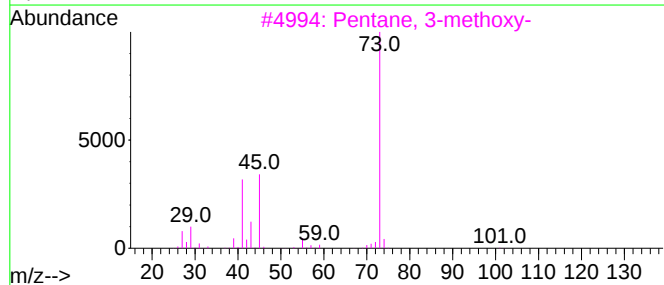
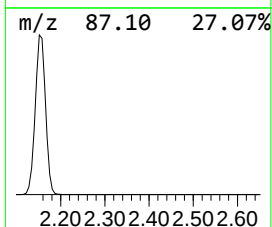
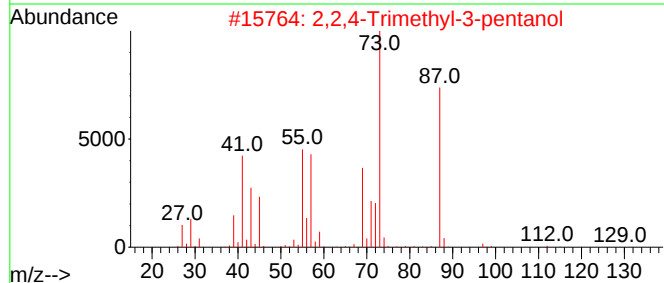
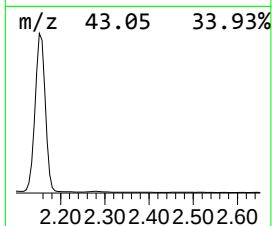
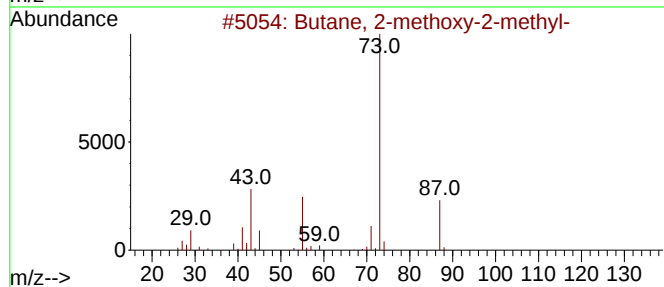
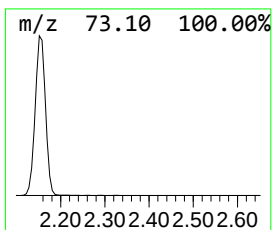
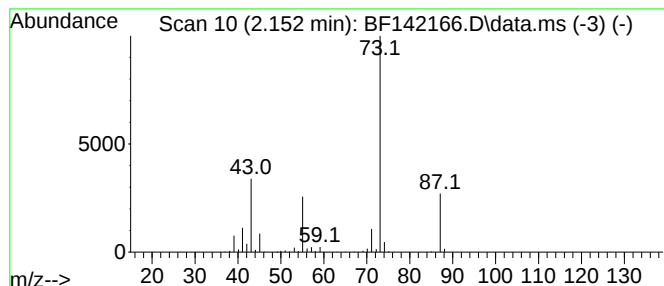
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	31.68 ng	1426690	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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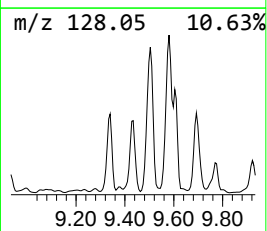
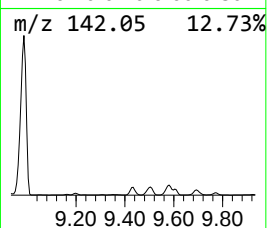
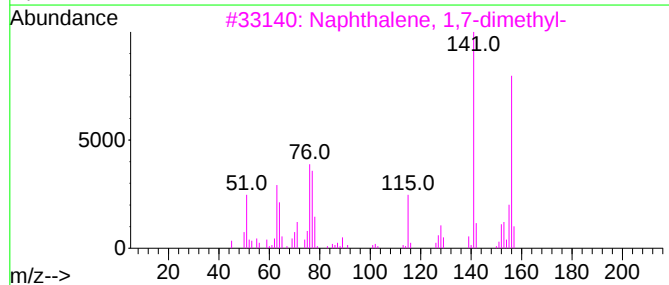
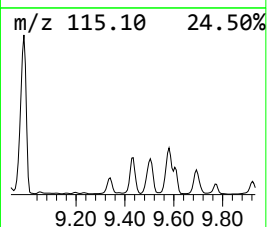
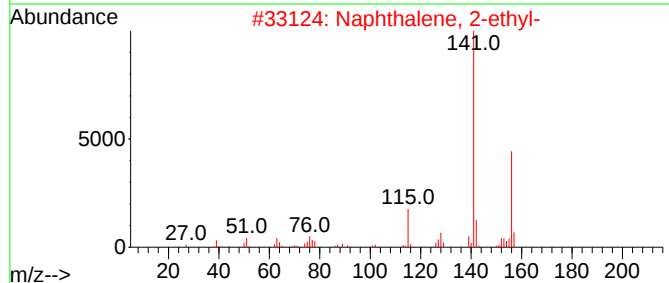
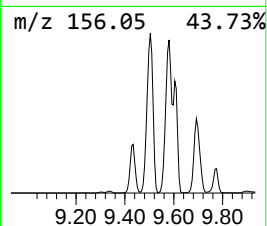
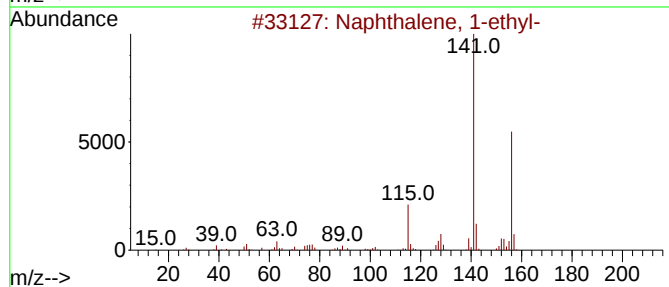
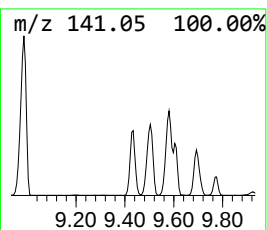
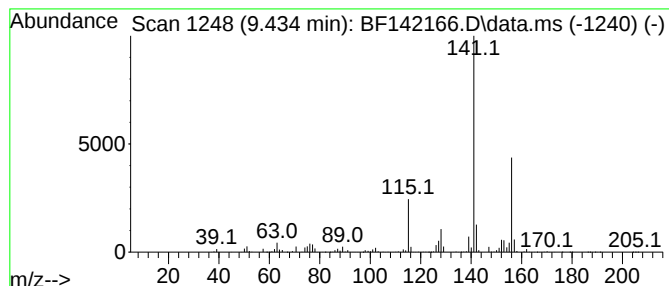
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	15.05 ng	5295540	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5		2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



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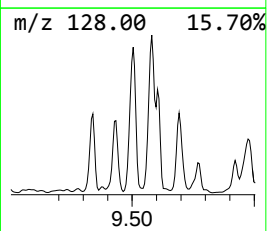
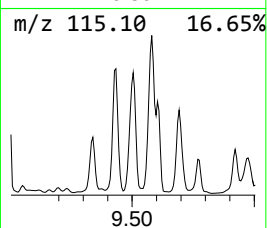
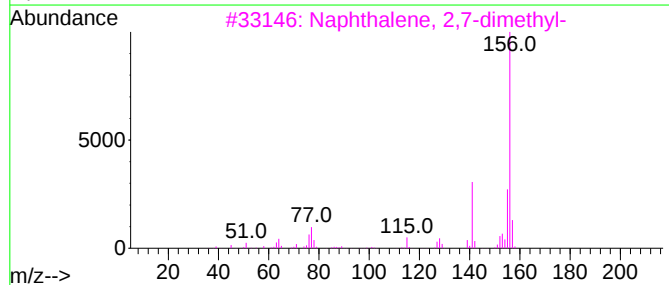
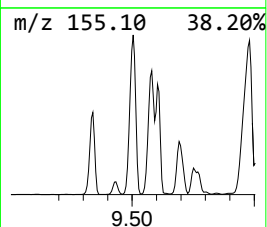
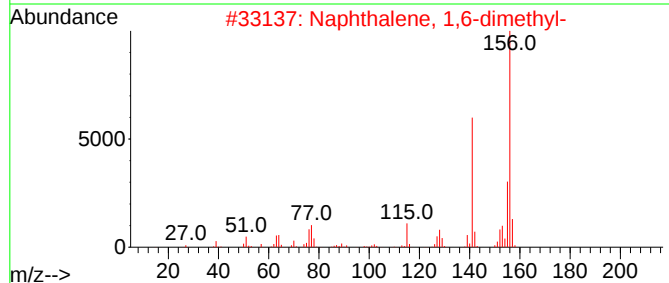
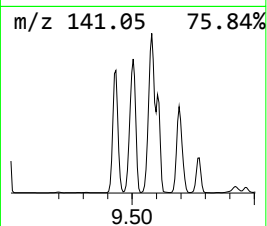
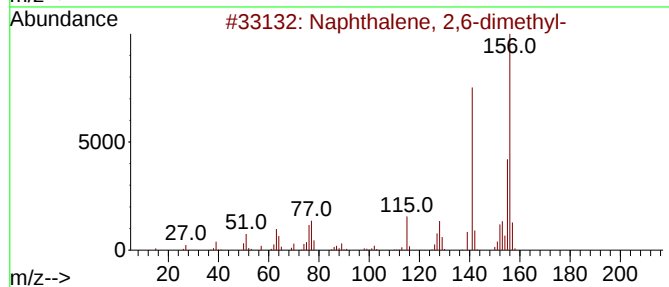
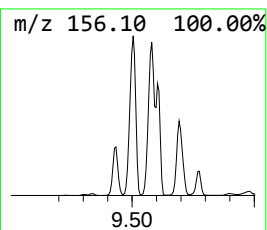
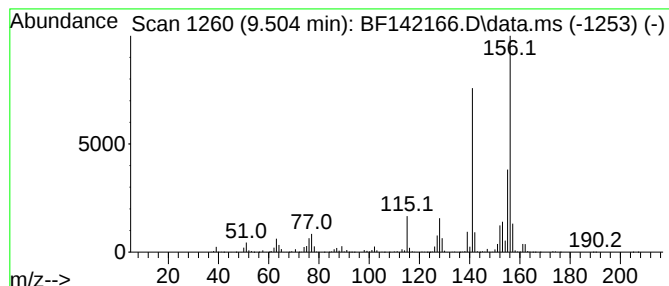
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	32.08 ng	11291500	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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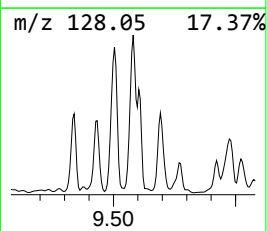
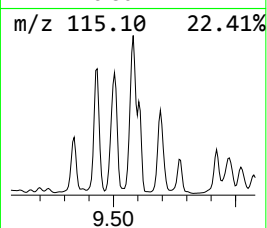
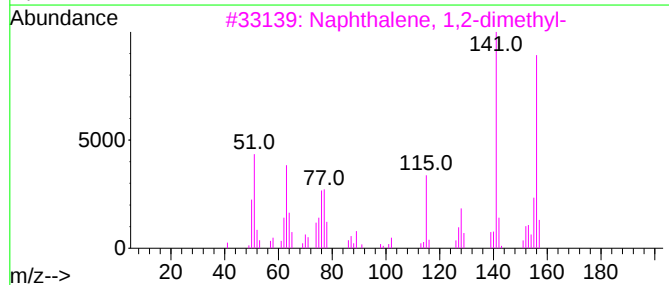
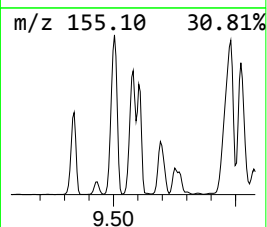
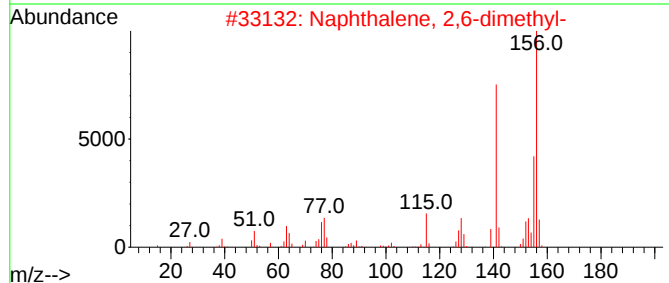
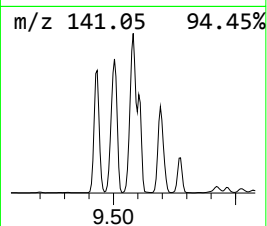
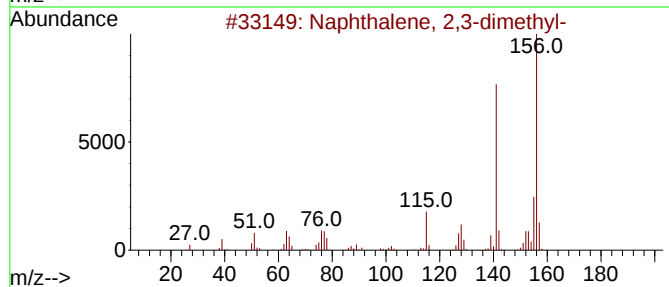
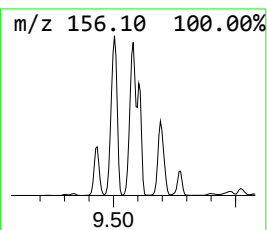
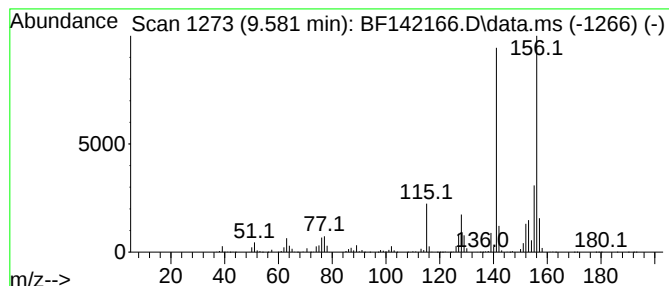
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	34.91 ng	12285100	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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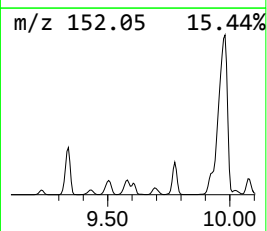
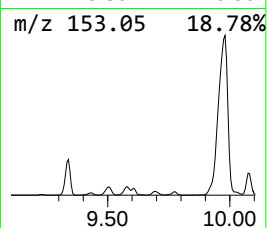
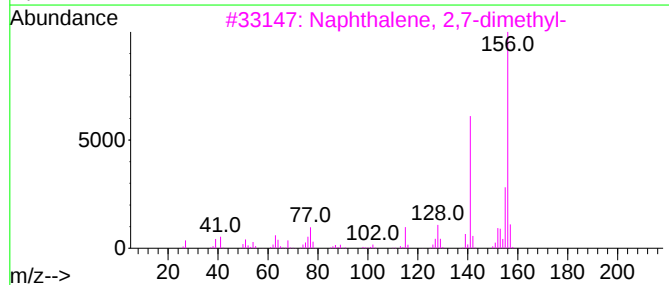
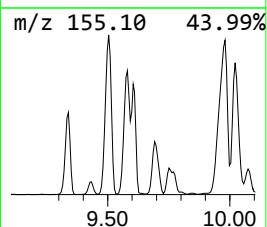
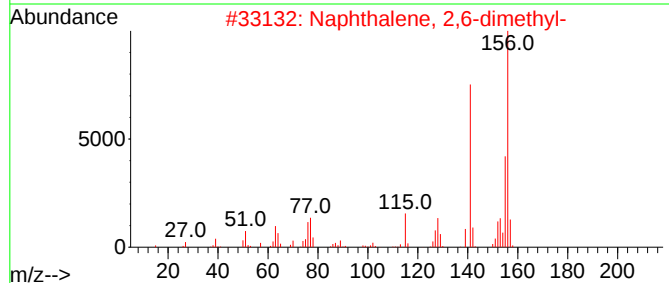
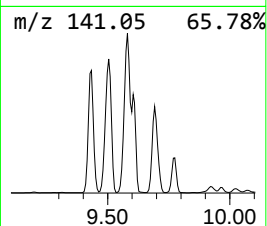
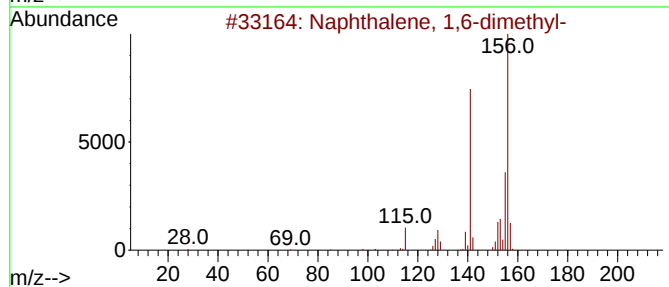
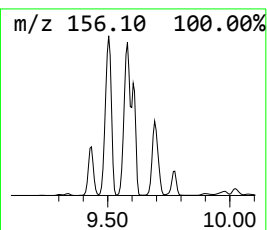
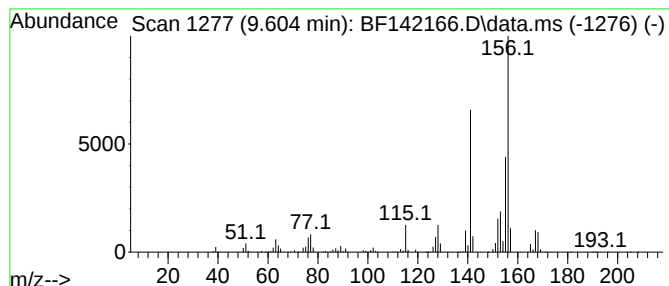
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	14.15 ng	4980400	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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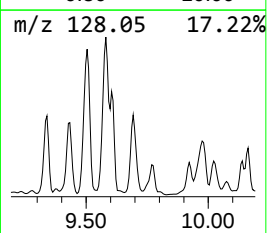
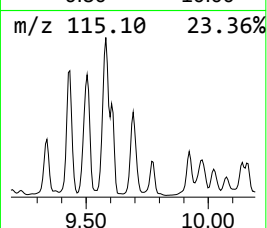
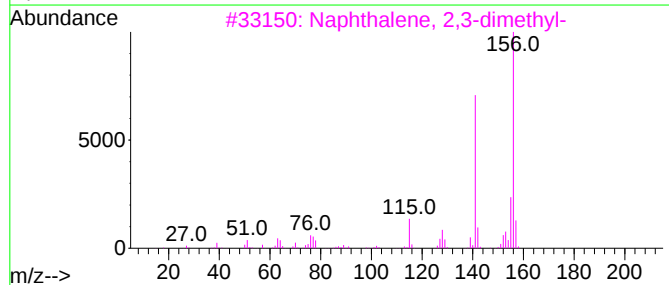
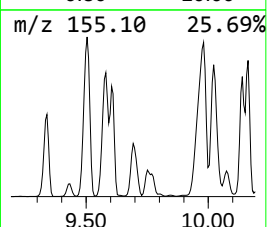
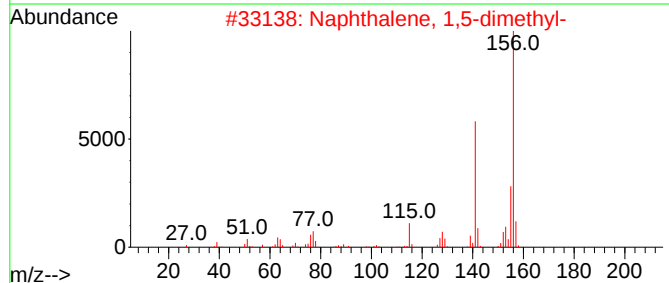
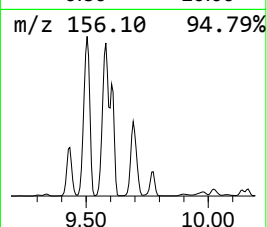
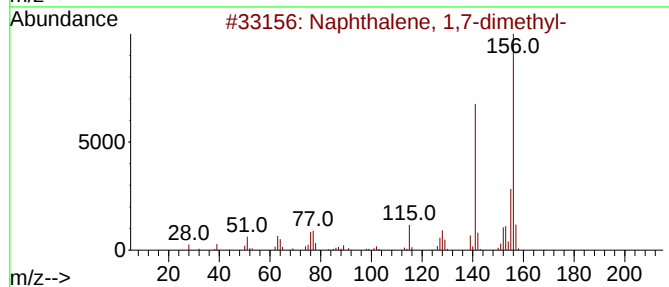
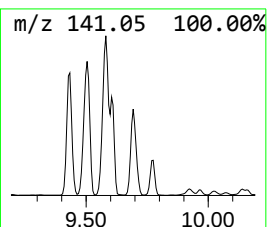
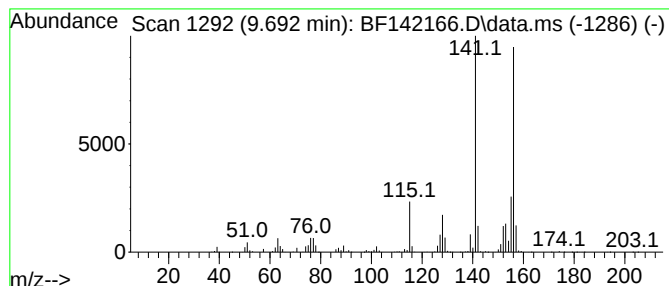
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	14.89 ng	5239760	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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Sample : Q1654-01
Misc :
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ClientSampleId :
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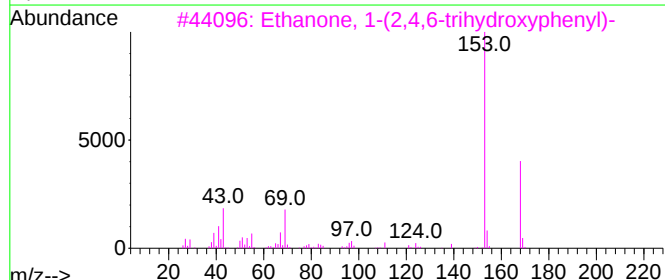
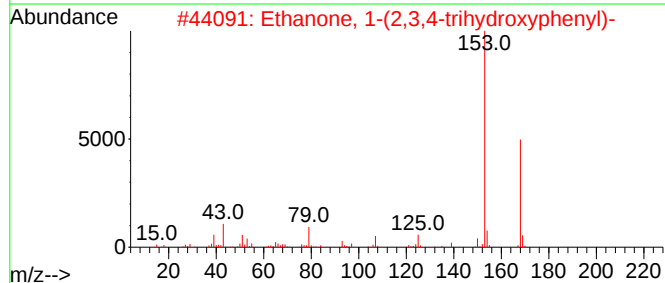
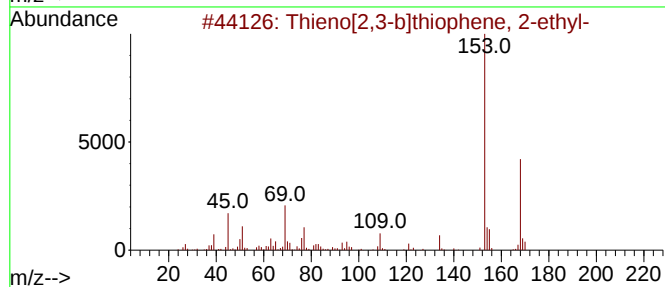
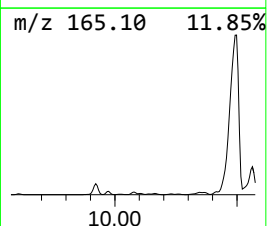
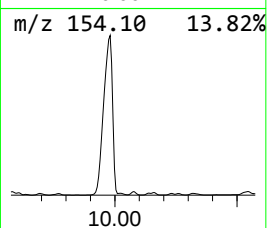
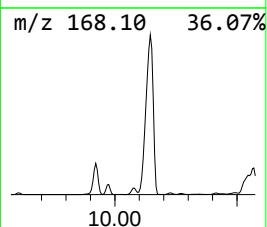
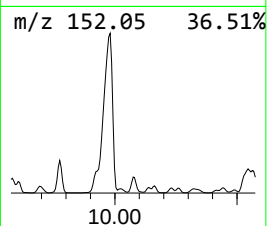
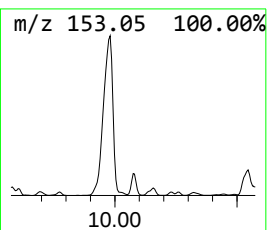
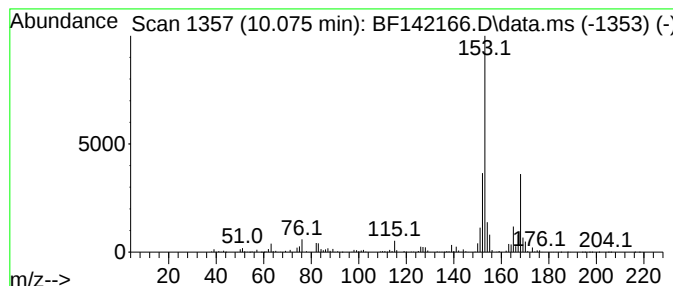
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Thieno[2,3-b]thiophene, 2-e... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	7.78 ng	2736410	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
2			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
3			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
4			1-Fluoro-1-hex-1-ynyl-2,2-dimeth...	168	C11H17F	1000300-49-2	50
5			1-Isopropenyl-naphthalene	168	C13H12	001855-47-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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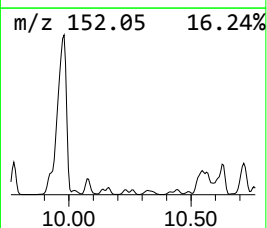
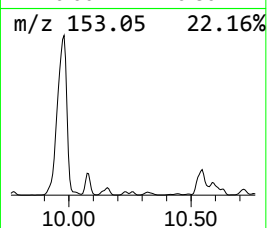
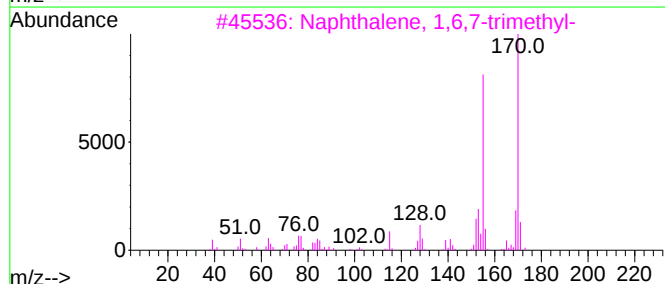
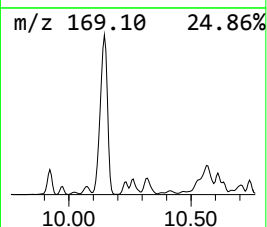
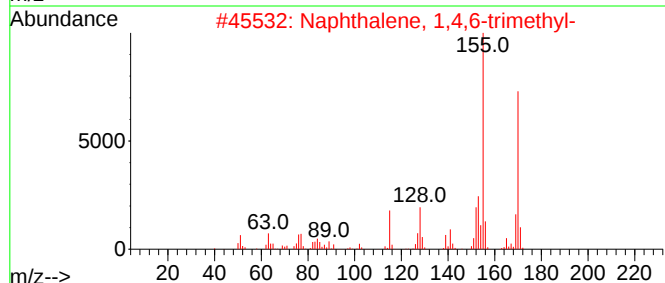
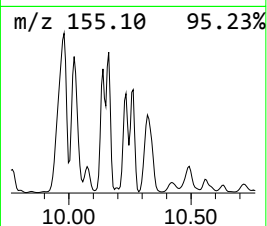
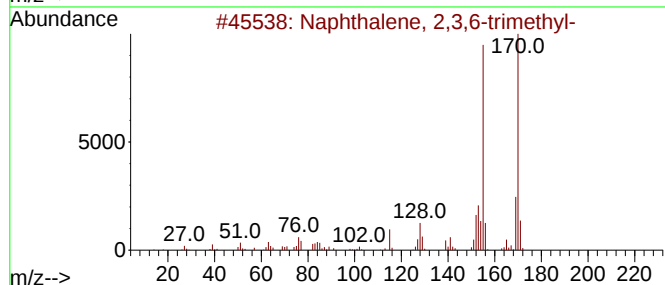
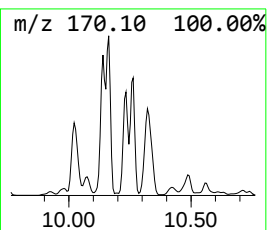
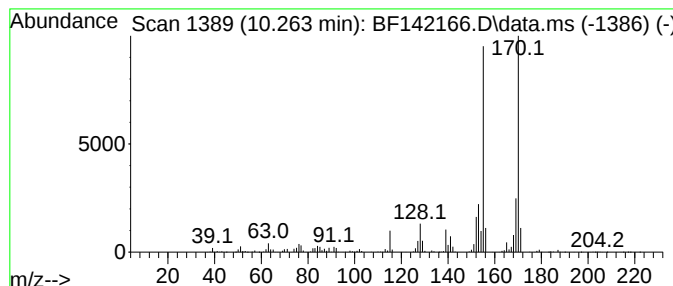
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.263	5.55 ng	1952520	Acenaphthene-d10	9.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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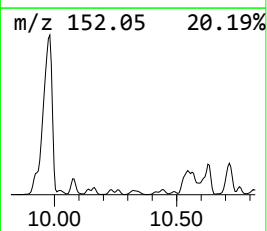
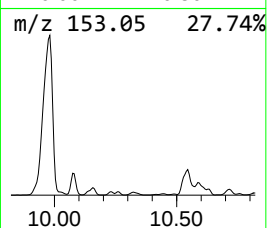
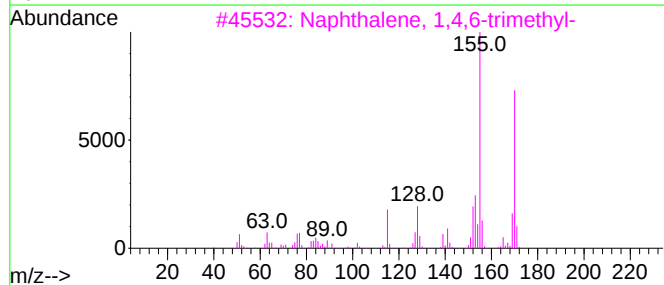
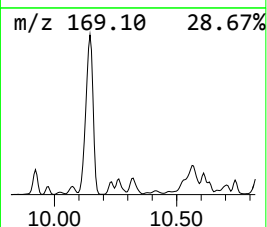
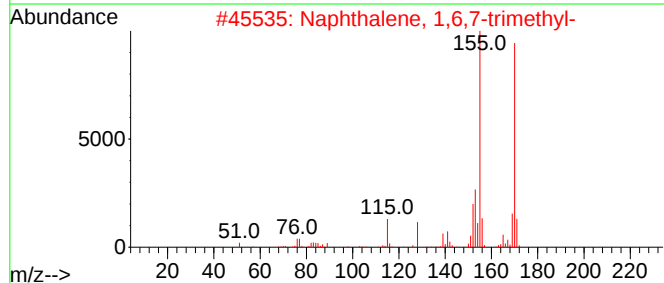
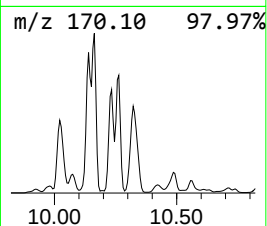
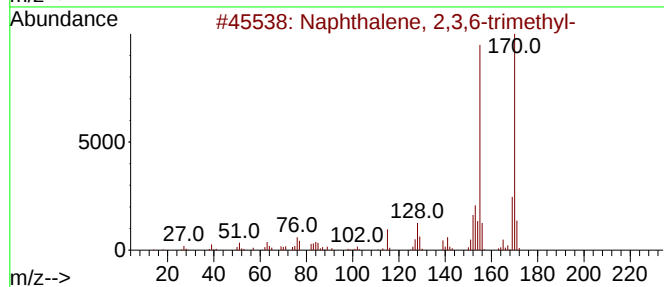
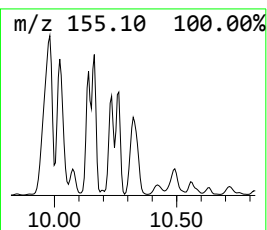
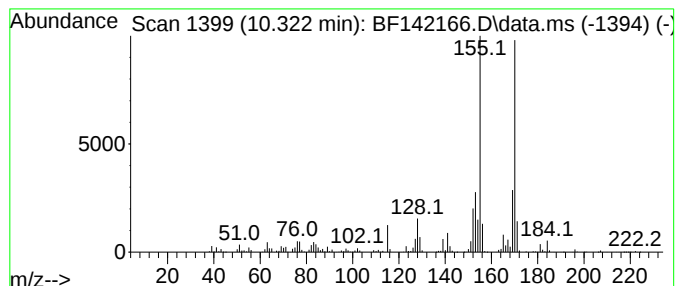
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	6.23 ng	2193830	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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Sample : Q1654-01
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ALS Vial : 17 Sample Multiplier: 1

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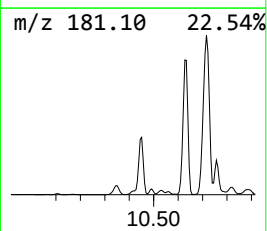
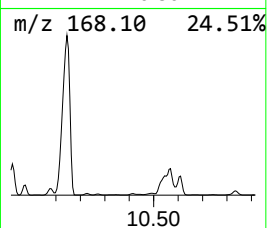
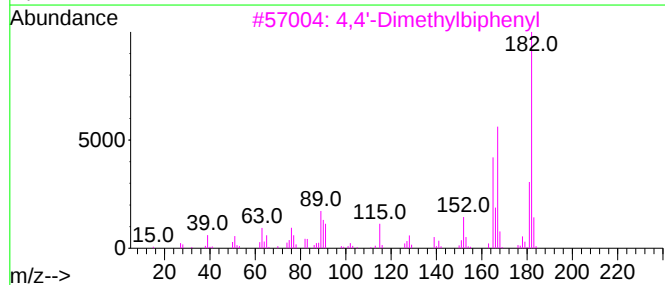
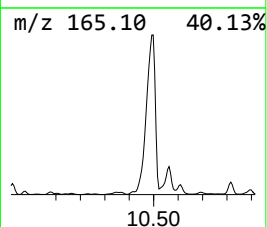
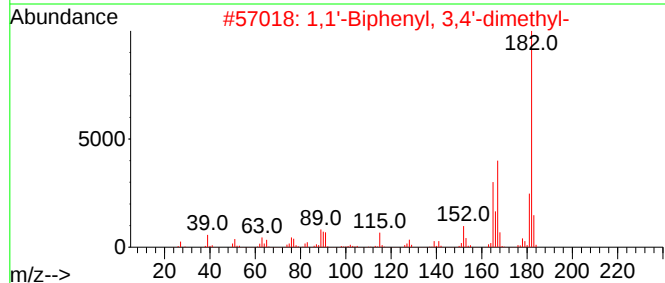
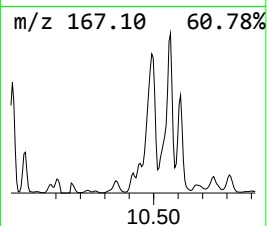
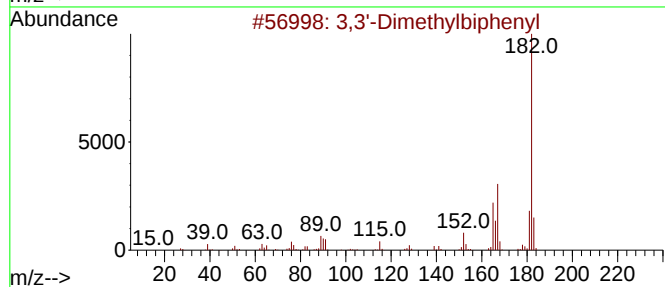
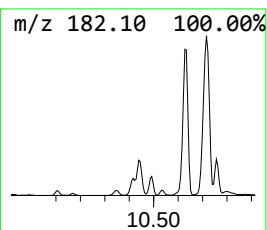
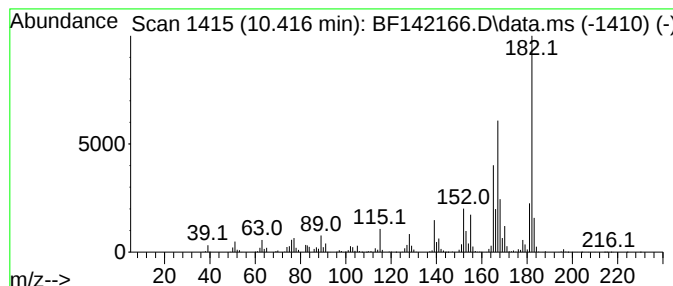
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3,3'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	3.27 ng	1150560	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	91
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	91
3		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
4		4-Ethylbiphenyl	182	C14H14	005707-44-8	64
5		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
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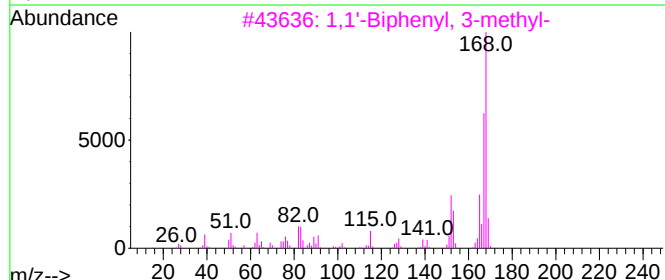
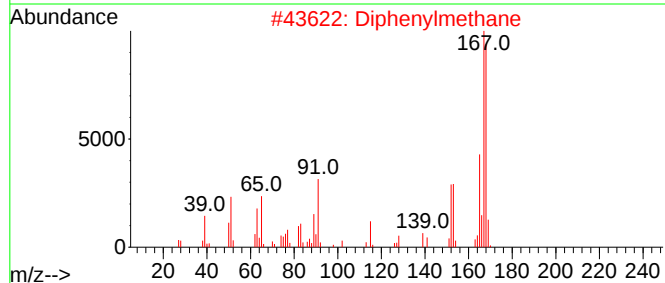
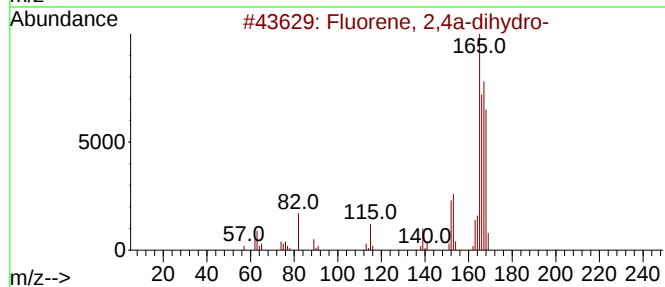
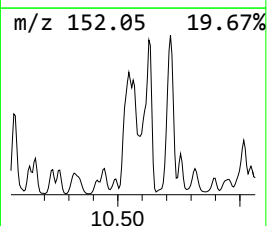
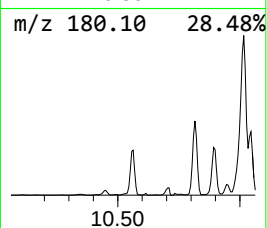
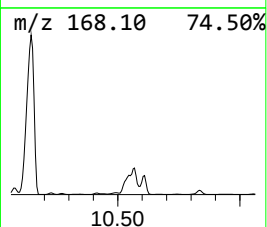
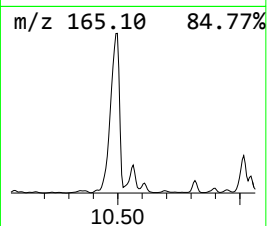
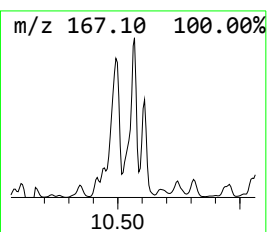
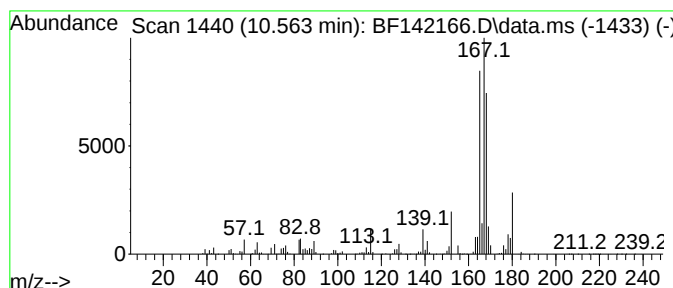
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluorene, 2,4a-dihydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.563	39.10 ng	13760100	Acenaphthene-d10	9.922	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	78
2	Diphenylmethane	168	C13H12	000101-81-5	60
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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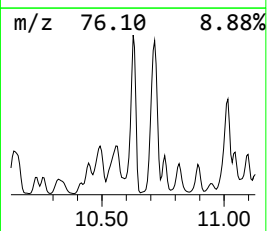
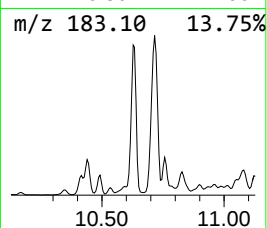
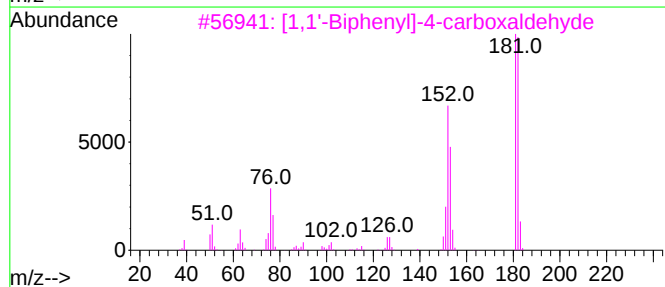
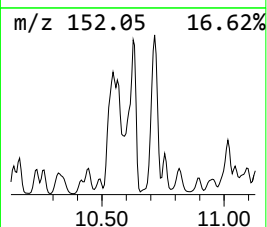
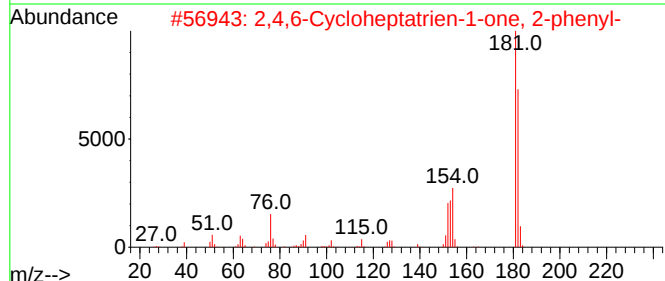
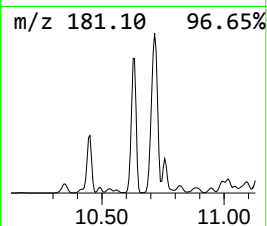
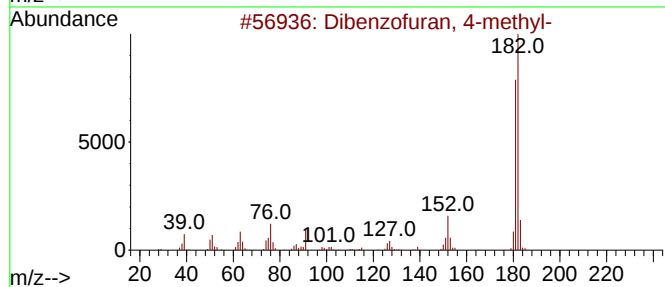
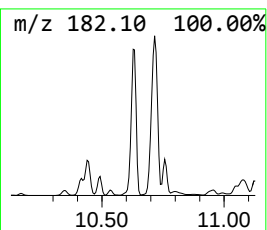
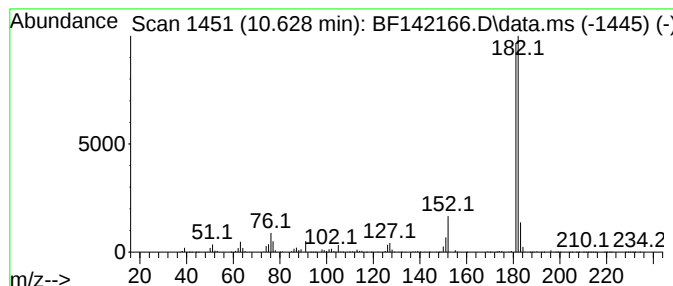
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	32.69 ng	11505700	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
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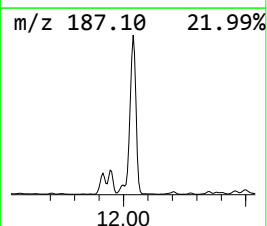
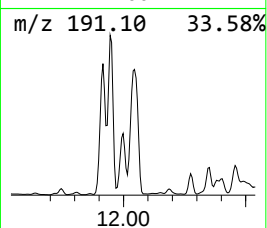
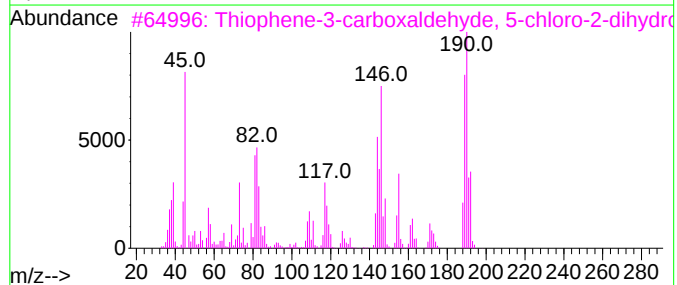
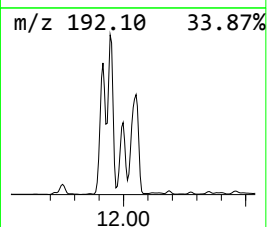
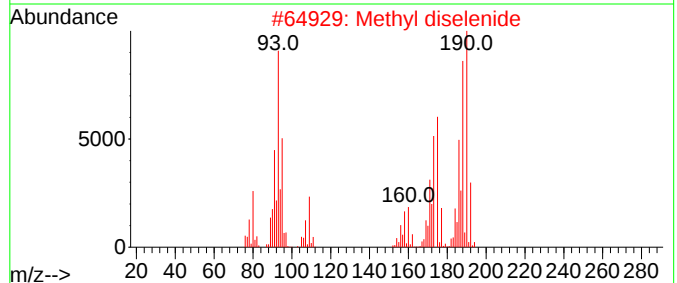
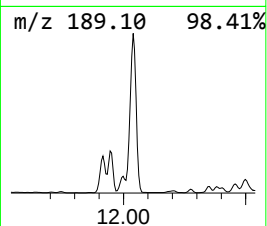
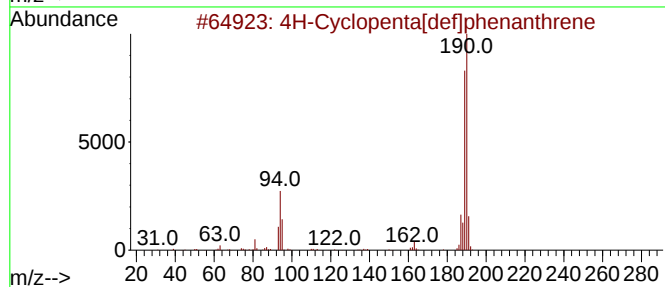
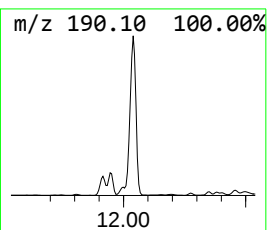
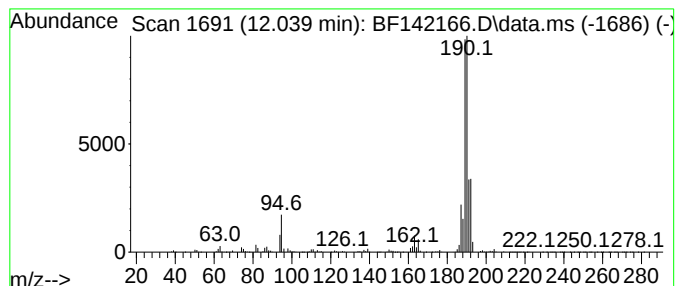
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.59 ng	16620200	Phenanthrene-d10	11.428

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			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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Sample : Q1654-01
Misc :
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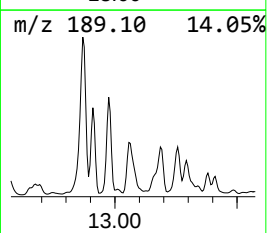
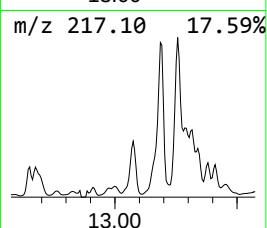
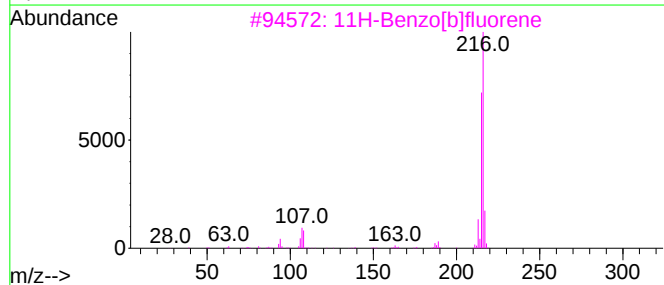
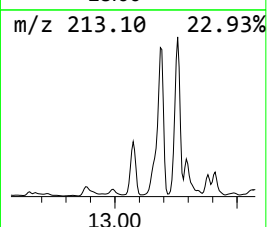
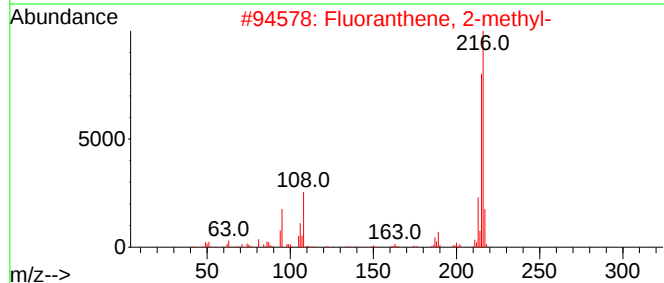
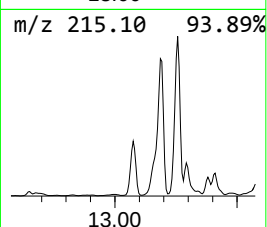
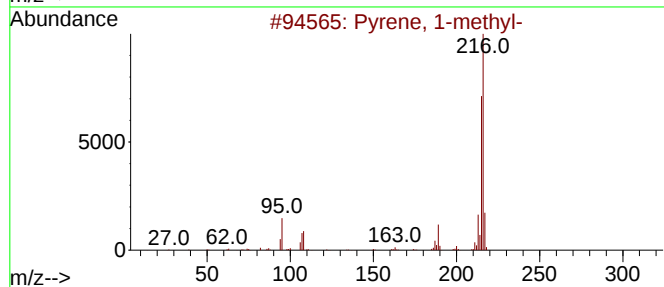
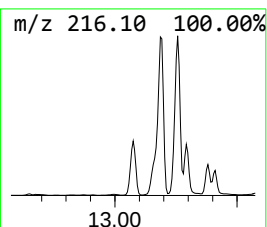
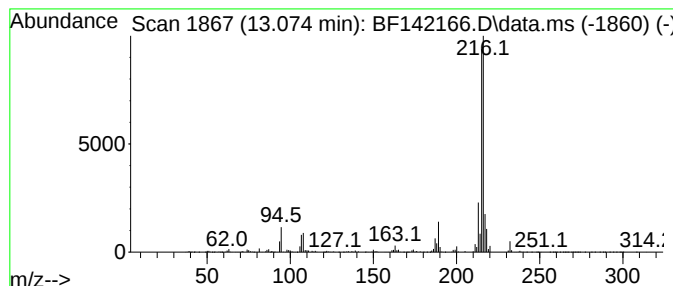
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	6.07 ng	4391280	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
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Sample : Q1654-01
Misc :
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ClientSampleId :
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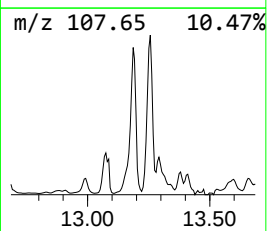
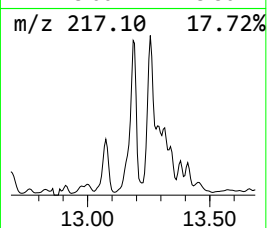
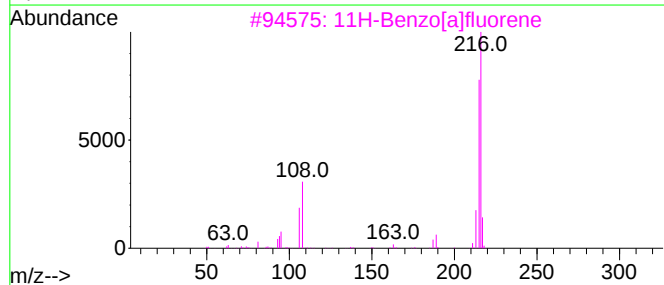
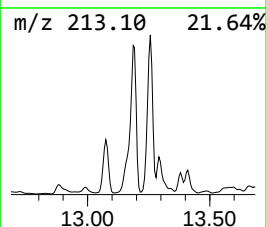
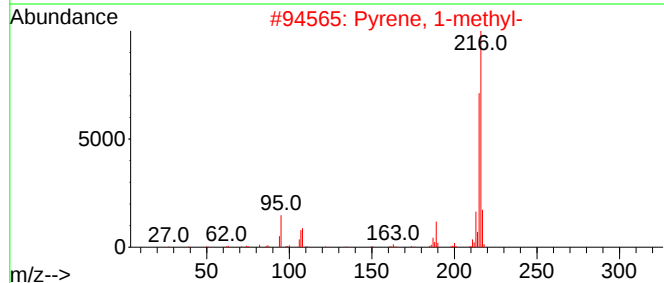
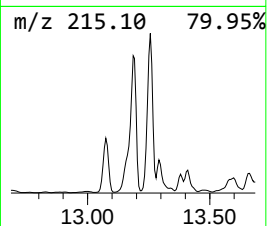
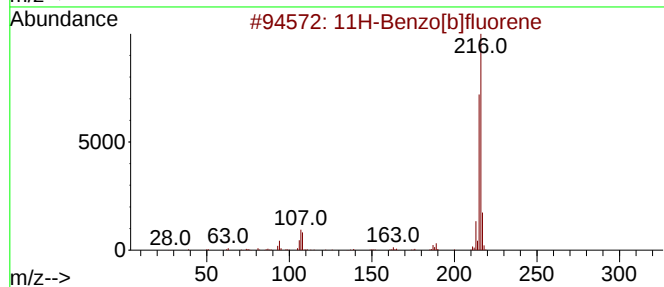
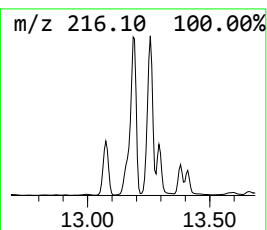
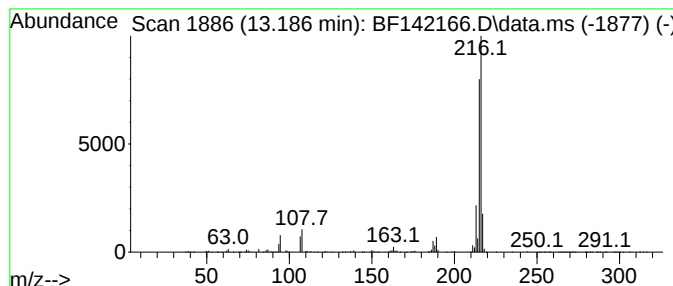
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	12.69 ng	9178300	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
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Acq On : 28 Mar 2025 18:03
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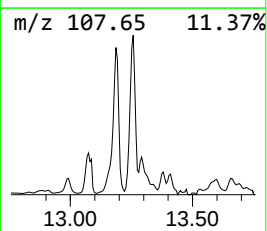
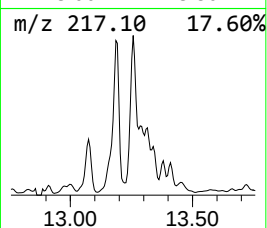
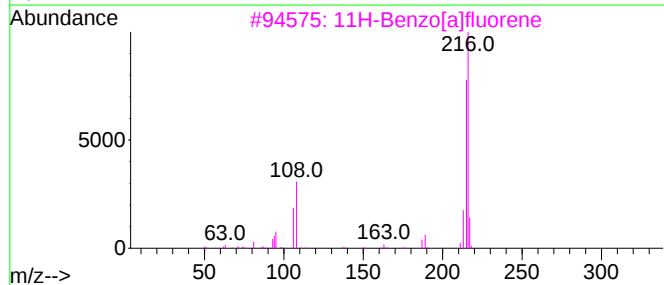
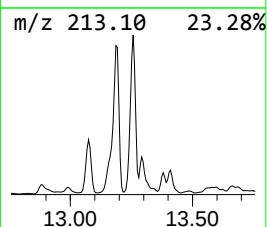
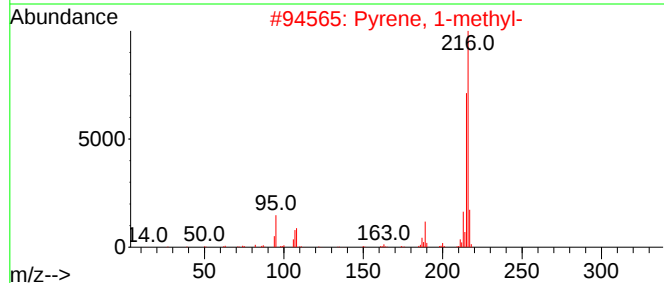
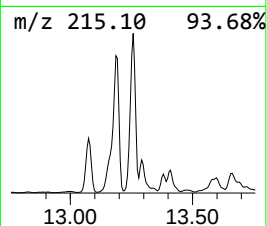
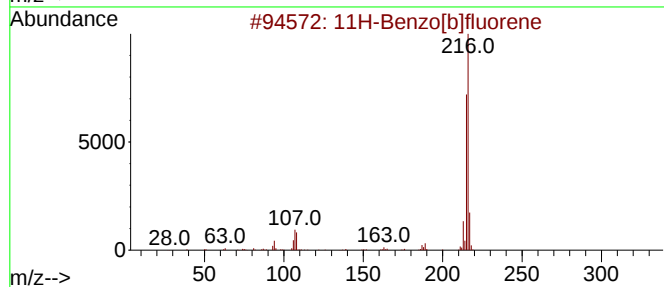
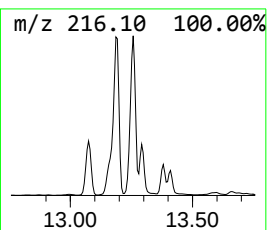
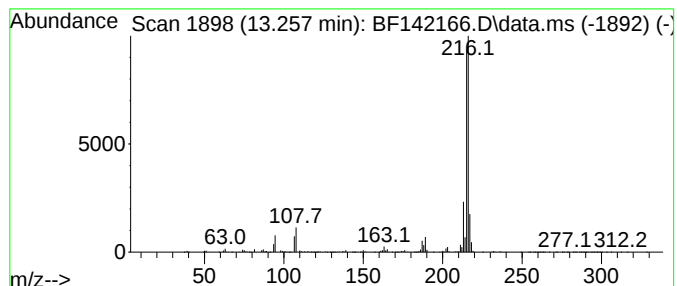
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	11.51 ng	8322450	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
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ALS Vial : 17 Sample Multiplier: 1

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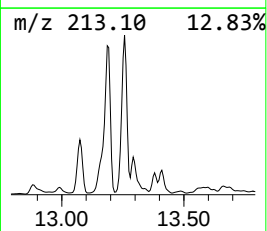
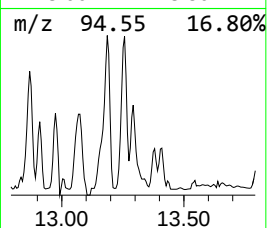
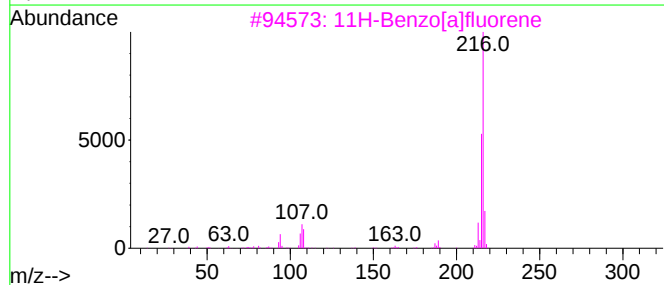
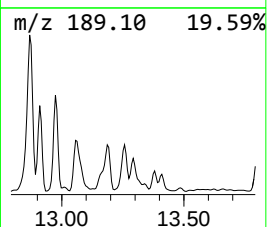
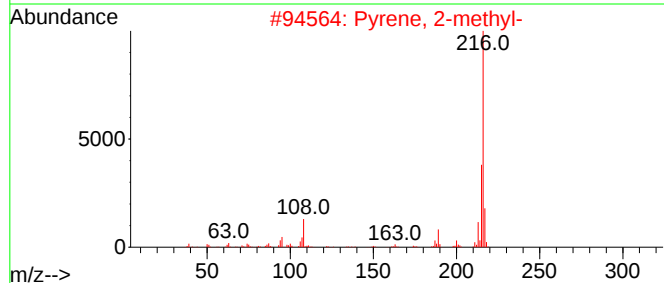
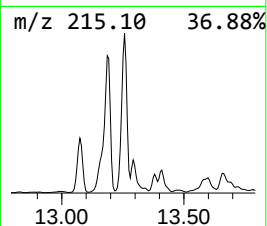
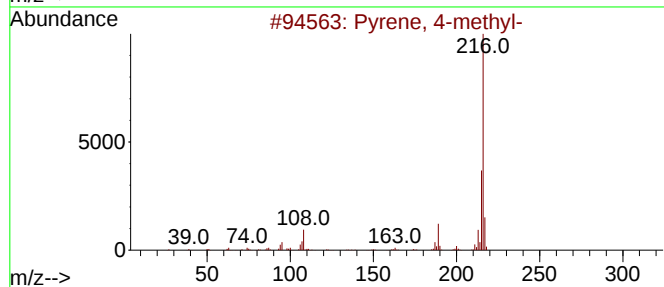
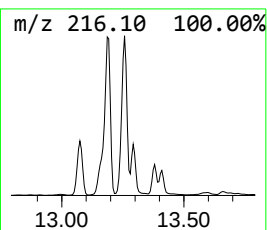
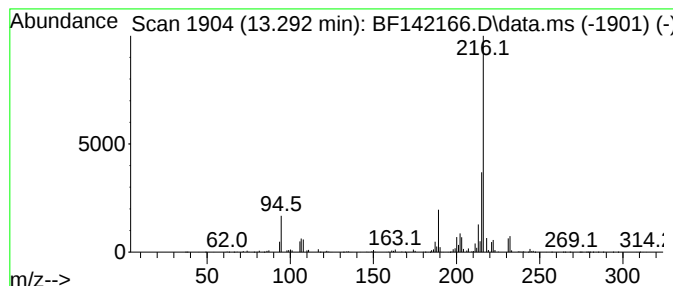
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	6.43 ng	4648180	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

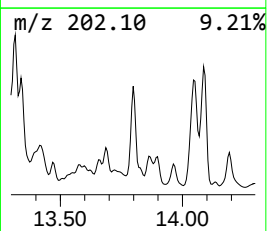
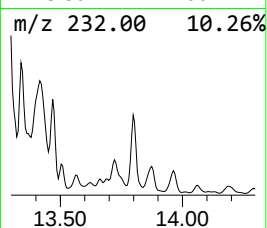
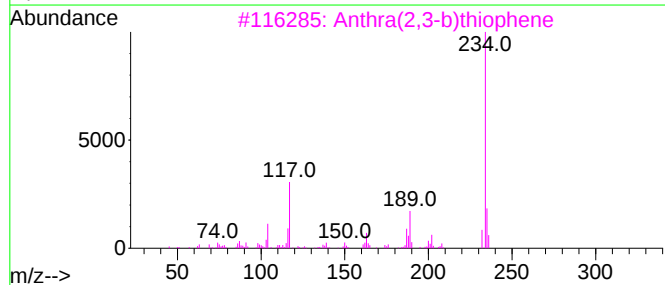
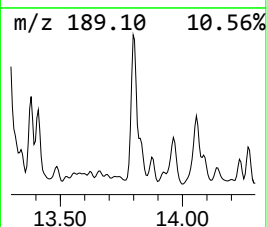
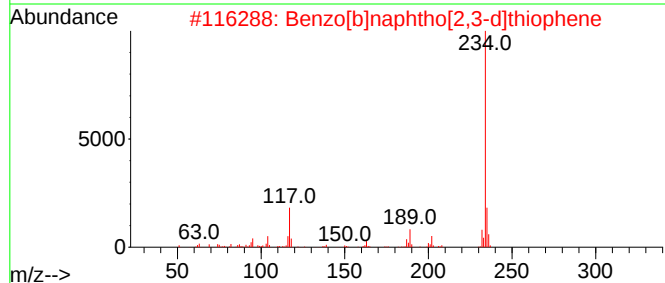
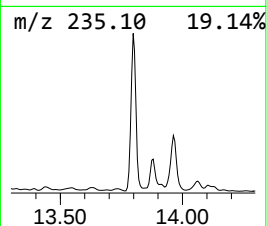
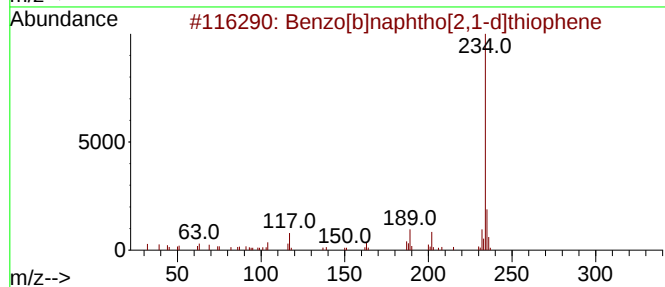
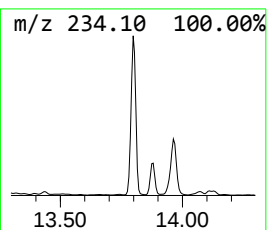
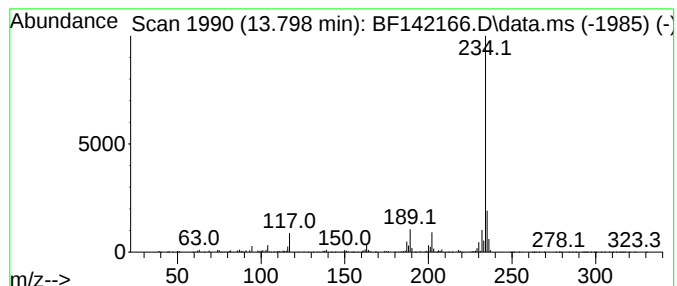
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.798	4.57 ng	3302500	Chrysene-d12	14.057	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	95
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT3407

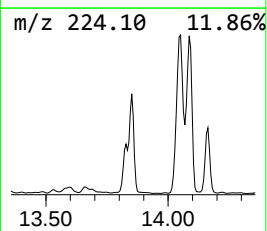
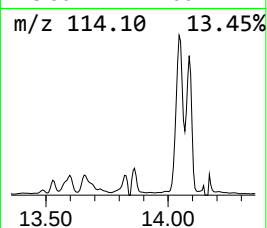
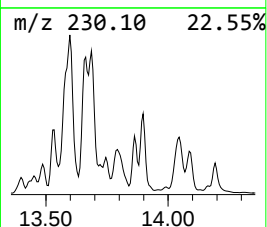
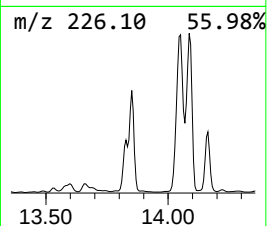
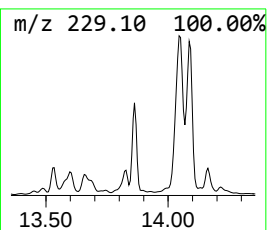
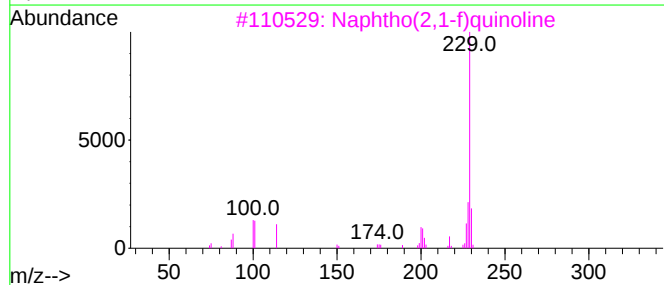
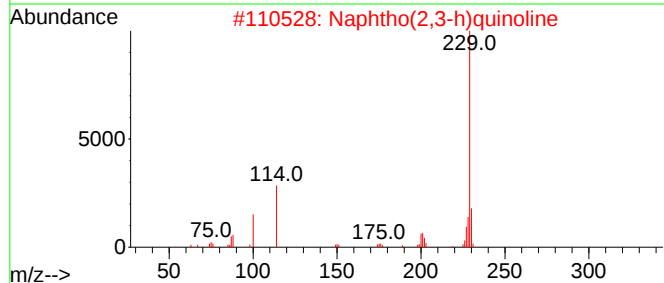
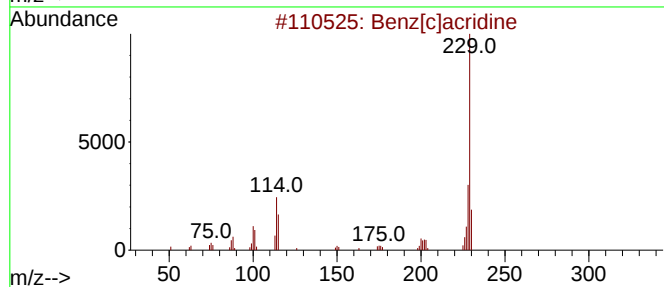
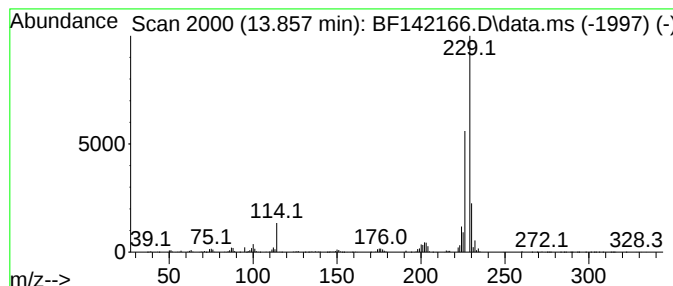
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benz[c]acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	4.92 ng	3558260	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[c]acridine	229	C17H11N	000225-51-4	64
2			Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	47
3			Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	47
4			Benzo(a)acridine	229	C17H11N	000225-11-6	47
5			(10H)Acridin-9-one, 4-chloro-	229	C13H8ClNO	069220-40-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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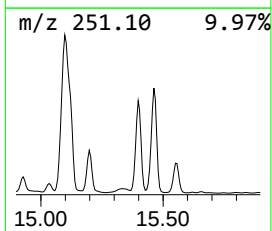
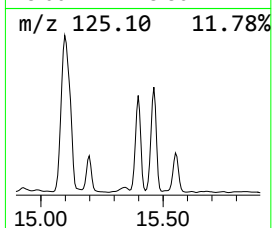
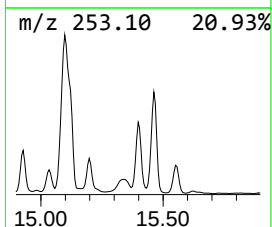
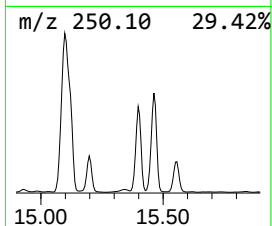
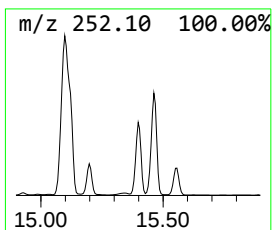
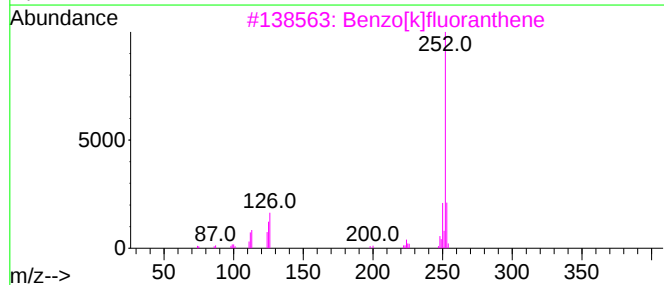
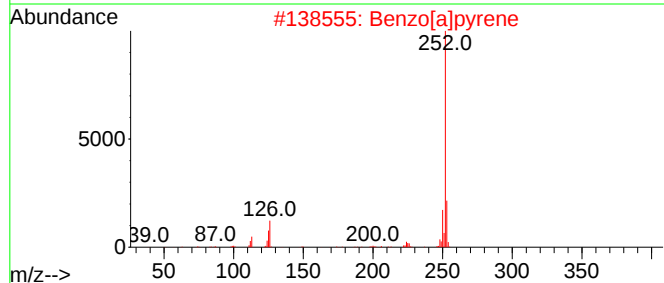
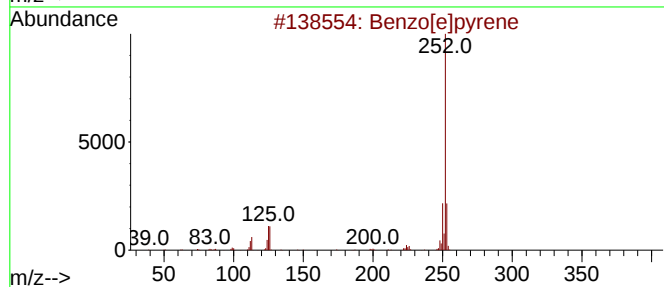
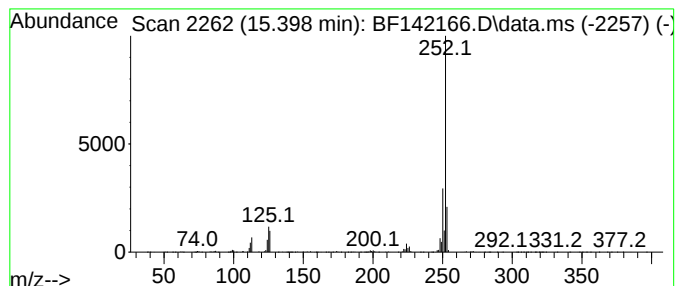
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	33.56 ng	1914450	Perylene-d12	15.521

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142166.D
Acq On : 28 Mar 2025 18:03
Operator : RC/JU
Sample : Q1654-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT3407

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.152	31.7	ng	1426690	1	6.869	900577	20.0
Naphthalene, 1-...	9.434	15.1	ng	5295540	3	9.922	7038940	20.0
Naphthalene, 2,...	9.504	32.1	ng	11291500	3	9.922	7038940	20.0
Naphthalene, 2,...	9.581	34.9	ng	12285100	3	9.922	7038940	20.0
Naphthalene, 1,...	9.604	14.2	ng	4980400	3	9.922	7038940	20.0
Naphthalene, 1,...	9.692	14.9	ng	5239760	3	9.922	7038940	20.0
Thieno[2,3-b]th...	10.075	7.8	ng	2736410	3	9.922	7038940	20.0
Naphthalene, 2,...	10.263	5.5	ng	1952520	3	9.922	7038940	20.0
Naphthalene, 1,...	10.322	6.2	ng	2193830	3	9.922	7038940	20.0
3,3'-Dimethylbi...	10.416	3.3	ng	1150560	3	9.922	7038940	20.0
Fluorene, 2,4a-...	10.563	39.1	ng	13760100	3	9.922	7038940	20.0
Dibenzofuran, 4...	10.628	32.7	ng	11505700	3	9.922	7038940	20.0
4H-Cyclopenta[d...	12.039	4.6	ng	16620200	4	11.428	72477500	20.0
Pyrene, 1-methyl-	13.074	6.1	ng	4391280	5	14.057	14463100	20.0
11H-Benzo[b]flu...	13.186	12.7	ng	9178300	5	14.057	14463100	20.0
11H-Benzo[a]flu...	13.257	11.5	ng	8322450	5	14.057	14463100	20.0
Pyrene, 4-methyl-	13.292	6.4	ng	4648180	5	14.057	14463100	20.0
Benzo[b]naphtho...	13.798	4.6	ng	3302500	5	14.057	14463100	20.0
Benz[c]acridine	13.857	4.9	ng	3558260	5	14.057	14463100	20.0
Benzo[e]pyrene	15.398	33.6	ng	1914450	6	15.521	1141010	20.0