

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132282.D
 Acq On : 02 Feb 2023 02:54
 Operator : CG\JU
 Sample : 01385-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-013123

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-BF013123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132282.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.684	480	484	488	rBV	931533	772557	3.15%	0.291%
2	6.678	649	653	656	rBV	899562	755641	3.08%	0.284%
3	7.072	716	720	723	rBV	1287936	990737	4.04%	0.373%
4	8.360	935	939	941	rBV	1481935	1447476	5.90%	0.545%
5	8.384	941	943	946	rVV	3729609	2838517	11.57%	1.068%
6	9.078	1057	1061	1064	rVB	3015895	2506306	10.22%	0.943%
7	9.178	1072	1078	1081	rBV	3035859	2572750	10.49%	0.968%
8	9.431	1118	1121	1125	rVB	1122294	862866	3.52%	0.325%
9	9.537	1136	1139	1143	rVB	1063191	802515	3.27%	0.302%
10	9.637	1153	1156	1161	rVB	752401	826117	3.37%	0.311%
11	9.707	1161	1168	1171	rBV	1683674	2247840	9.17%	0.846%
12	9.778	1176	1180	1183	rBV	2345523	2488863	10.15%	0.937%
13	9.807	1183	1185	1188	rVB	1796174	1265088	5.16%	0.476%
14	9.895	1197	1200	1202	rBV	1247611	1016968	4.15%	0.383%
15	9.984	1212	1215	1219	rVB	1359349	1190757	4.86%	0.448%
16	10.101	1232	1235	1237	rVV	779861	616983	2.52%	0.232%
17	10.125	1237	1239	1242	rVV	1411764	1215843	4.96%	0.458%
18	10.166	1242	1246	1248	rVV	5927465	5565055	22.69%	2.095%
19	10.225	1253	1256	1261	rVV2	510810	696925	2.84%	0.262%
20	10.284	1261	1266	1270	rVV2	603272	770049	3.14%	0.290%
21	10.336	1270	1275	1277	rVV	4655881	4782048	19.50%	1.800%
22	10.366	1277	1280	1283	rVB	976449	796771	3.25%	0.300%
23	10.442	1288	1293	1295	rBV2	808286	841800	3.43%	0.317%
24	10.466	1295	1297	1304	rVB	730473	666297	2.72%	0.251%
25	10.531	1304	1308	1310	rBV	596100	825206	3.36%	0.311%
26	10.684	1330	1334	1338	rVV	5820800	6670486	27.20%	2.511%
27	10.731	1338	1342	1343	rVV	619846	687954	2.81%	0.259%
28	10.742	1343	1344	1346	rVV	943781	842701	3.44%	0.317%
29	10.766	1346	1348	1350	rVV2	1337448	1133910	4.62%	0.427%
30	10.836	1357	1360	1363	rVB	1954779	1801929	7.35%	0.678%
31	10.919	1363	1374	1378	rBV	2261089	3025855	12.34%	1.139%
32	11.231	1419	1427	1429	rVV	1825507	2413254	9.84%	0.908%
33	11.254	1429	1431	1434	rVV2	1026987	1020104	4.16%	0.384%
34	11.313	1438	1441	1443	rVV2	918793	843091	3.44%	0.317%
35	11.354	1443	1448	1450	rVV3	822259	1135597	4.63%	0.427%
36	11.378	1450	1452	1458	rVV2	931185	1225850	5.00%	0.461%

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Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.431	1458	1461	1464	rVV2	824225	906585	3.70%	0.341%
38	11.472	1464	1468	1472	rVV2	999546	1325060	5.40%	0.499%
39	11.525	1474	1477	1483	rVB	2841708	2615445	10.67%	0.984%
40	11.683	1491	1504	1506	rBV	12065247	24523432	100.00%	9.230%
41	11.725	1506	1511	1513	rVV	8146910	9012289	36.75%	3.392%
42	11.742	1513	1514	1519	rVV	887680	680193	2.77%	0.256%
43	11.860	1530	1534	1539	rVV	2846401	3072993	12.53%	1.157%
44	11.919	1542	1544	1547	rVV	845536	860575	3.51%	0.324%
45	11.960	1549	1551	1555	rVV2	892568	899934	3.67%	0.339%
46	12.042	1562	1565	1570	rVB	588727	716469	2.92%	0.270%
47	12.136	1575	1581	1583	rBV	3745529	3862785	15.75%	1.454%
48	12.166	1583	1586	1589	rVB	4706124	4620854	18.84%	1.739%
49	12.219	1589	1595	1597	rBV	2255913	2490896	10.16%	0.938%
50	12.260	1597	1602	1607	rVV2	5607574	8663968	35.33%	3.261%
51	12.430	1627	1631	1634	rVV	2798267	2538584	10.35%	0.955%
52	12.460	1634	1636	1641	rVB	1024807	942783	3.84%	0.355%
53	12.578	1651	1656	1659	rBV2	888411	952281	3.88%	0.358%
54	12.607	1659	1661	1663	rVV	807352	643243	2.62%	0.242%
55	12.630	1663	1665	1668	rVB	757197	708242	2.89%	0.267%
56	12.689	1668	1675	1677	rBV	1798499	2314743	9.44%	0.871%
57	12.730	1677	1682	1687	rVB3	1137049	2018459	8.23%	0.760%
58	12.795	1687	1693	1698	rVB2	984967	1502031	6.12%	0.565%
59	12.889	1699	1709	1711	rBV	11132115	21338018	87.01%	8.031%
60	12.919	1712	1714	1718	rVB	709551	649731	2.65%	0.245%
61	13.013	1724	1730	1733	rBV2	1303016	1493789	6.09%	0.562%
62	13.107	1739	1746	1747	rBV2	8979878	15320933	62.47%	5.767%
63	13.136	1750	1751	1756	rVB2	1531914	1284970	5.24%	0.484%
64	13.213	1759	1764	1767	rVV2	1634187	2223315	9.07%	0.837%
65	13.248	1767	1770	1773	rVB	1001581	1049048	4.28%	0.395%
66	13.313	1775	1781	1783	rBV2	1595833	2779511	11.33%	1.046%
67	13.389	1791	1794	1796	rVV4	1171446	1513646	6.17%	0.570%
68	13.425	1796	1800	1802	rVB	3572855	3605872	14.70%	1.357%
69	13.489	1807	1811	1813	rVV	3277523	3232728	13.18%	1.217%
70	13.530	1813	1818	1820	rVV2	2113861	2970363	12.11%	1.118%
71	13.548	1820	1821	1824	rVV	928000	785899	3.20%	0.296%
72	13.619	1830	1833	1835	rVV	1219319	1150475	4.69%	0.433%
73	13.648	1835	1838	1844	rVB2	1309475	1614151	6.58%	0.608%
74	13.901	1878	1881	1883	rBV	591077	656130	2.68%	0.247%
75	13.930	1883	1886	1890	rVB	1101724	1130328	4.61%	0.425%
76	14.042	1901	1905	1908	rBV2	1466121	1814473	7.40%	0.683%

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Peak Location: TOP

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77	14.072	1908	1910	1912	rVV	1825520	1558533	6.36%	0.587%
78	14.101	1912	1915	1918	rVV2	1636279	2000182	8.16%	0.753%
79	14.142	1920	1922	1926	rVB	880832	813835	3.32%	0.306%
80	14.213	1929	1934	1940	rBV	523015	881405	3.59%	0.332%
81	14.301	1941	1949	1952	rBV2	6977291	11354770	46.30%	4.274%
82	14.342	1952	1956	1961	rVB	6439185	7343343	29.94%	2.764%
83	14.413	1965	1968	1971	rVV	2151146	1972232	8.04%	0.742%
84	14.442	1971	1973	1977	rVV4	465480	734014	2.99%	0.276%
85	14.483	1978	1980	1983	rVB	645889	657523	2.68%	0.247%
86	14.519	1983	1986	1990	rBV2	1126234	1364648	5.56%	0.514%
87	14.689	2010	2015	2018	rVV	1547472	1754923	7.16%	0.661%
88	14.724	2018	2021	2025	rVB	819894	733062	2.99%	0.276%
89	14.824	2036	2038	2040	rVV	790599	772010	3.15%	0.291%
90	14.848	2040	2042	2046	rVB3	1092000	1078402	4.40%	0.406%
91	14.895	2046	2050	2056	rVB4	608561	901281	3.68%	0.339%
92	15.236	2104	2108	2115	rVB2	491565	739009	3.01%	0.278%
93	15.436	2134	2142	2145	rBV	3862207	8601478	35.07%	3.238%
94	15.460	2145	2146	2149	rVB	2813885	1851896	7.55%	0.697%
95	15.542	2156	2160	2164	rVB	1188724	1292092	5.27%	0.486%
96	15.771	2193	2199	2205	rVB	2419928	4032334	16.44%	1.518%
97	15.854	2205	2213	2216	rBV	3738638	6167059	25.15%	2.321%
98	15.942	2224	2228	2234	rVB2	1423520	2091531	8.53%	0.787%
99	17.583	2499	2507	2514	rVB2	1487359	3547092	14.46%	1.335%
100	18.095	2586	2594	2605	rVB	1055193	2791274	11.38%	1.051%

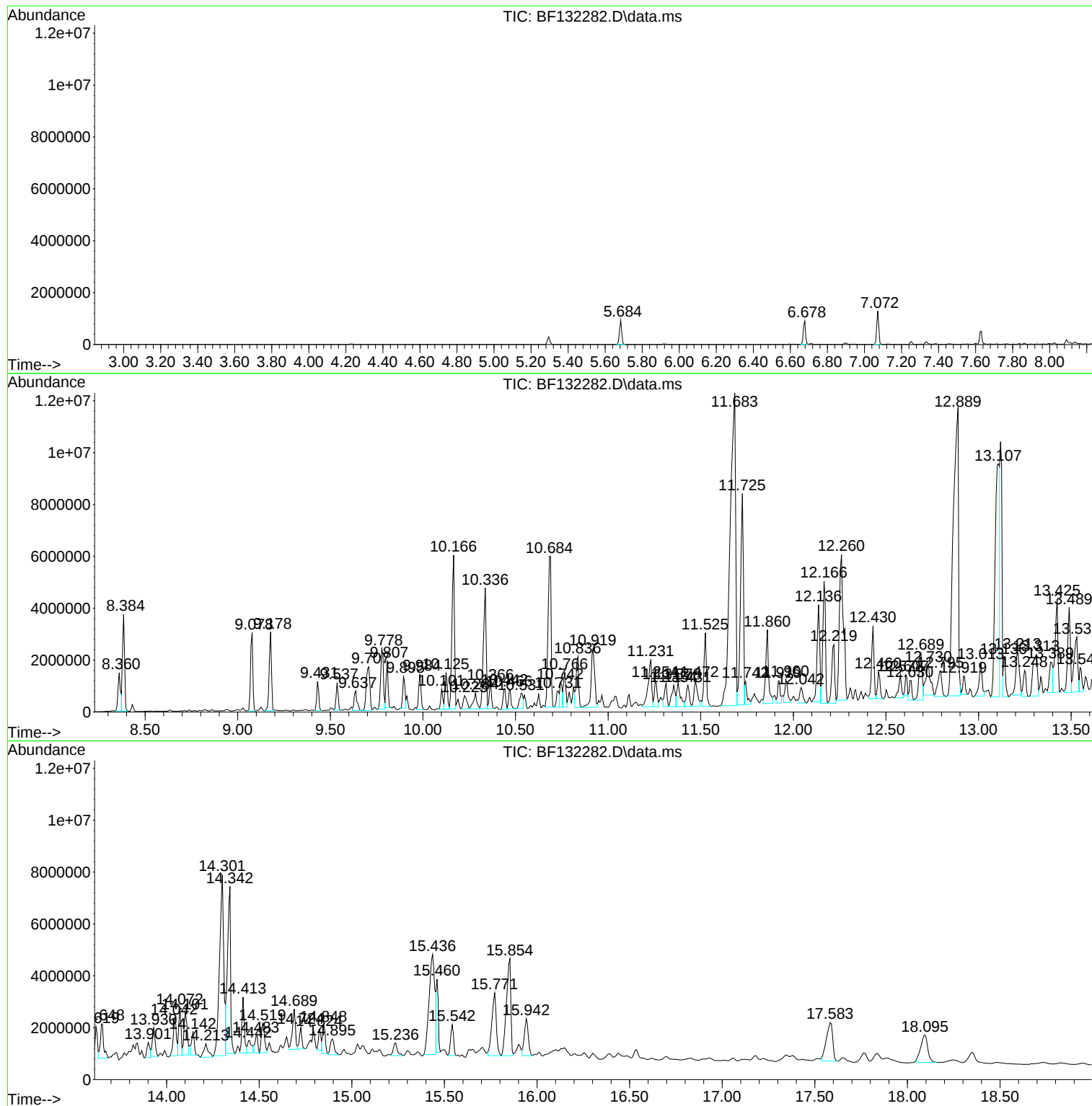
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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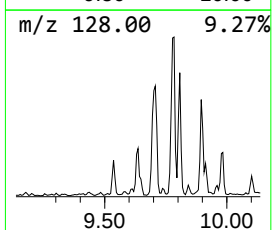
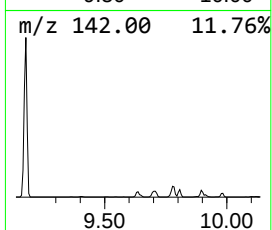
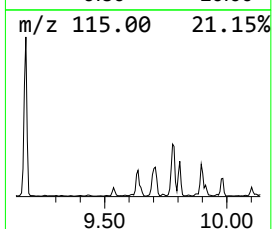
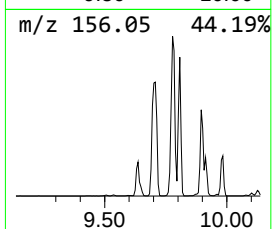
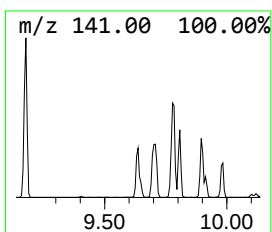
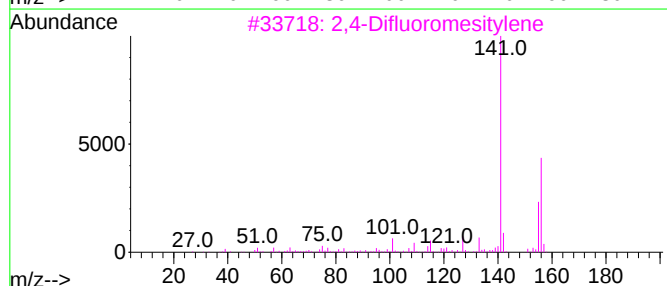
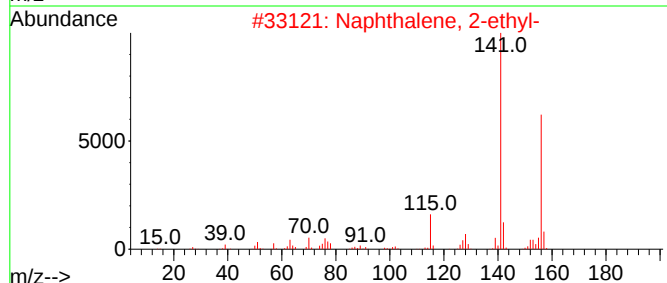
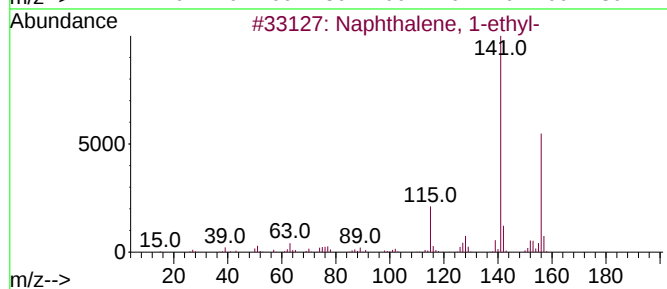
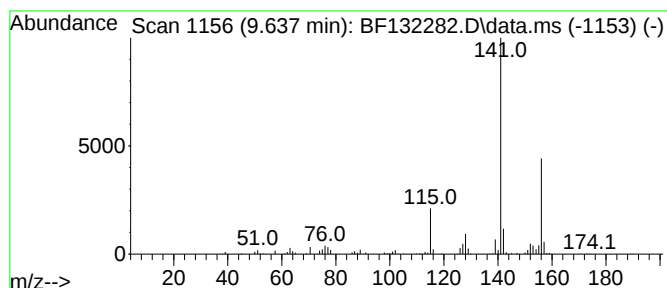
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.637	13.59 ng	826117	Acenaphthene-d10	10.125

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	95
3			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50



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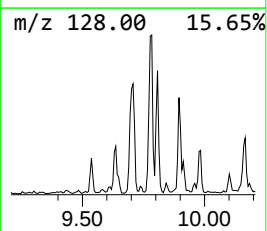
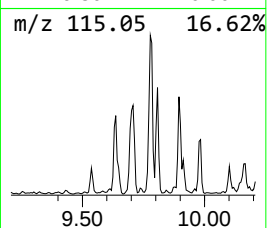
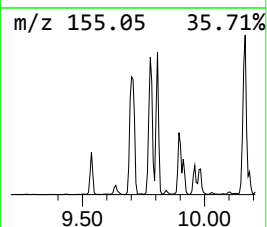
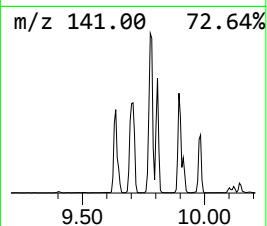
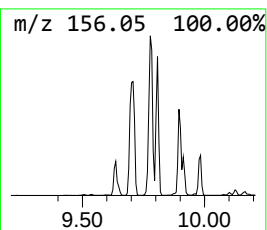
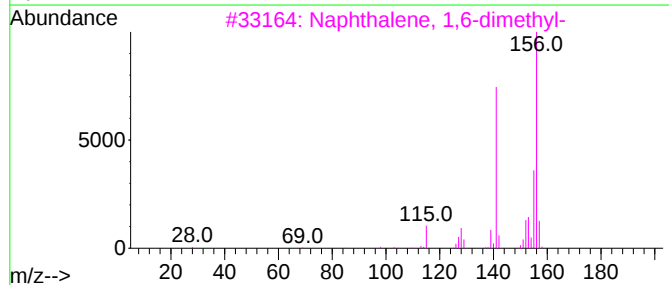
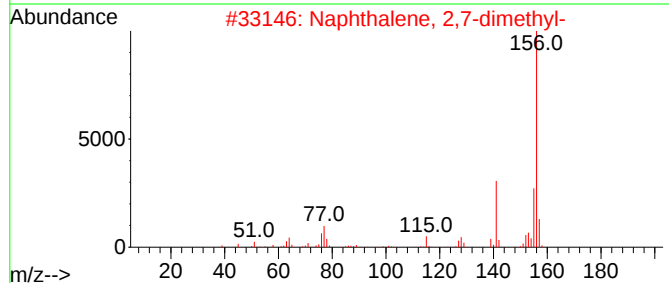
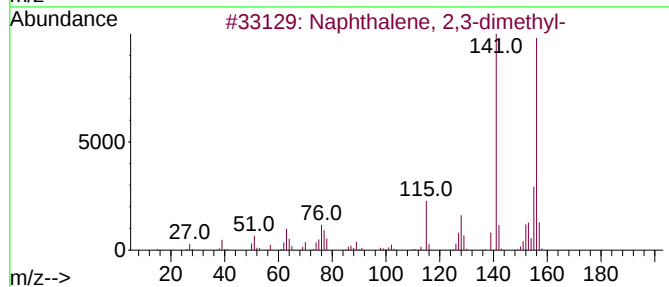
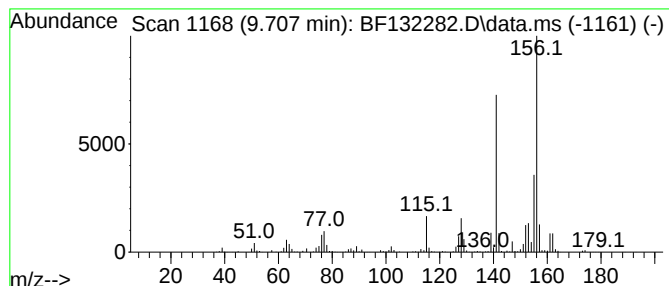
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.707	36.98 ng	2247840	Acenaphthene-d10	10.125

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



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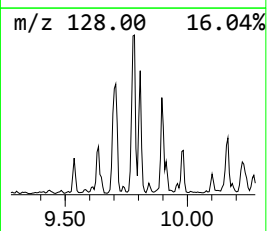
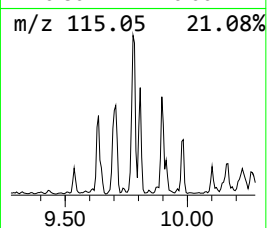
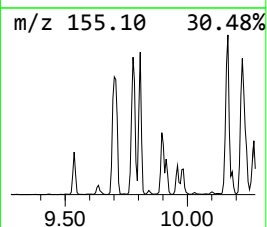
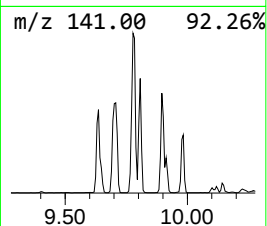
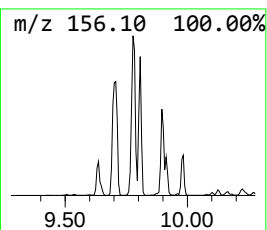
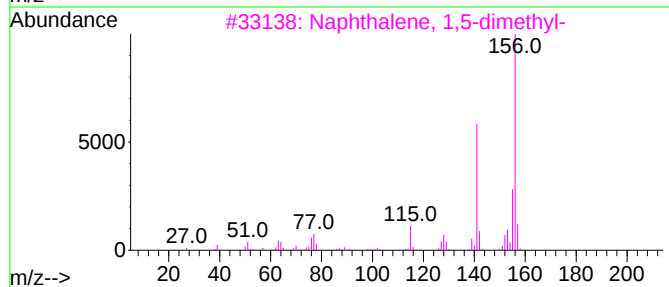
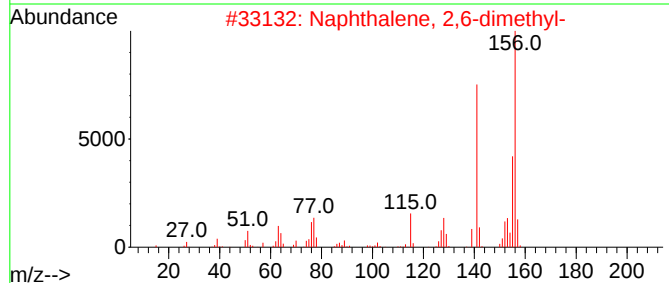
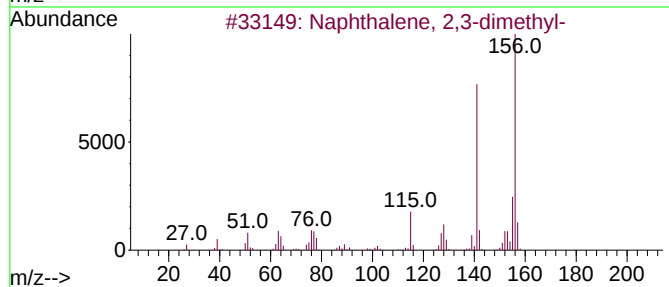
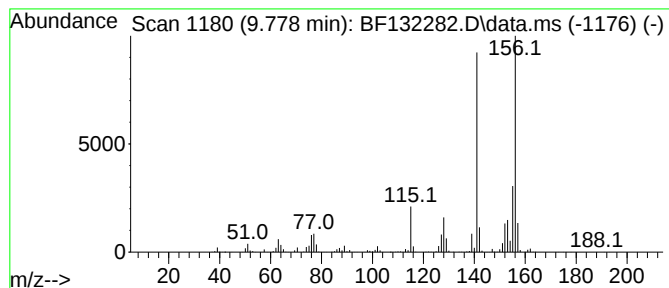
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.778	40.94 ng	2488860	Acenaphthene-d10	10.125

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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-013123

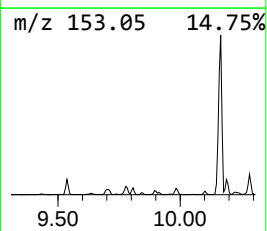
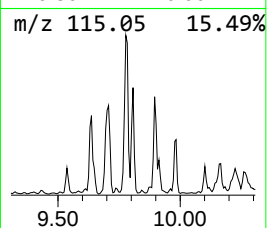
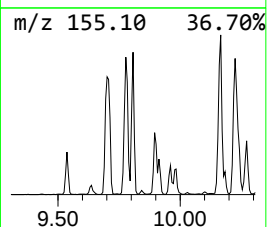
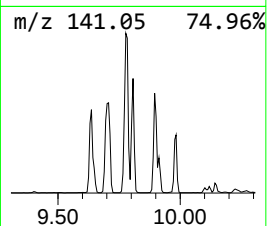
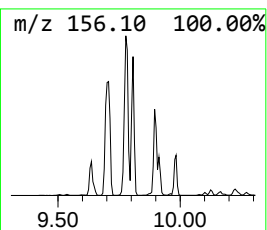
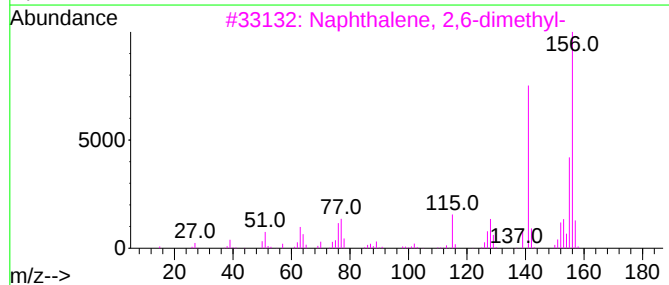
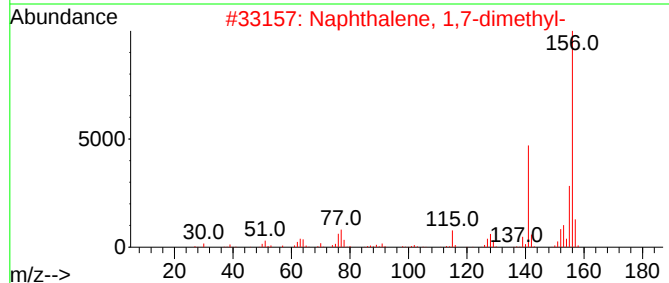
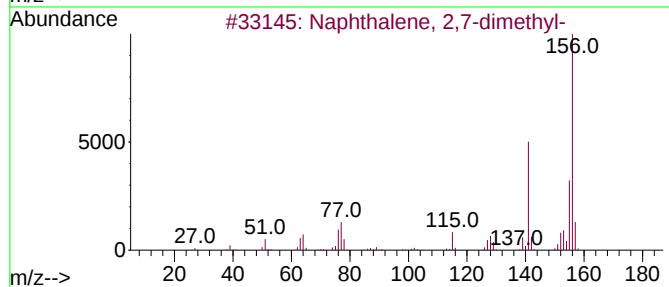
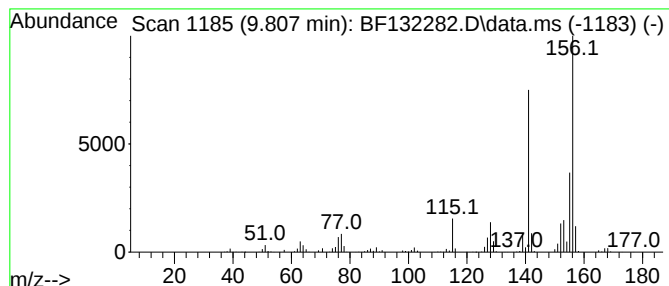
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.807	20.81 ng	1265090	Acenaphthene-d10	10.125

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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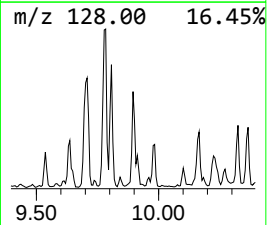
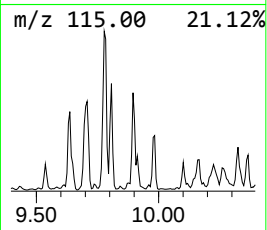
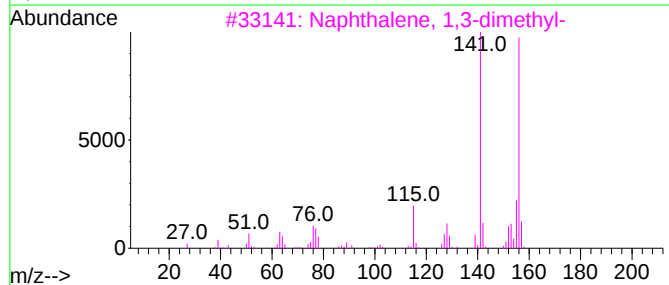
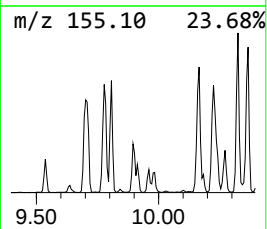
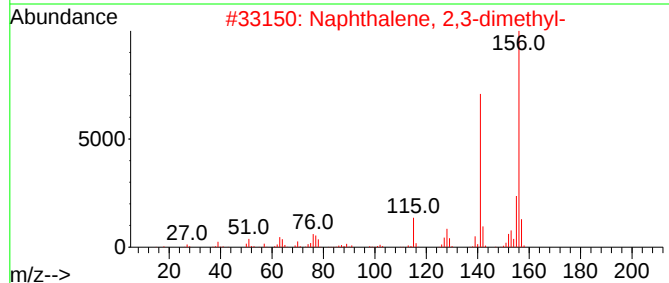
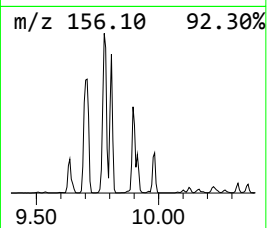
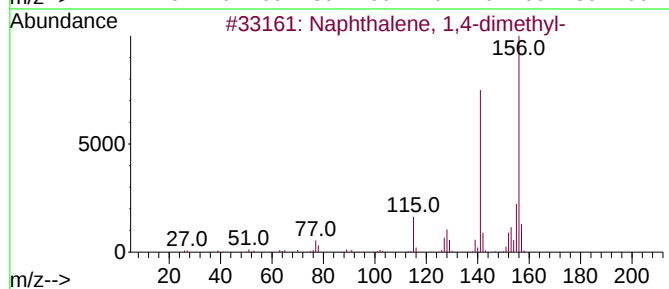
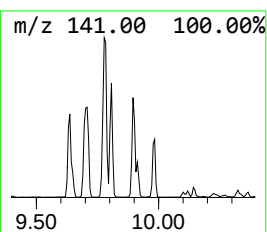
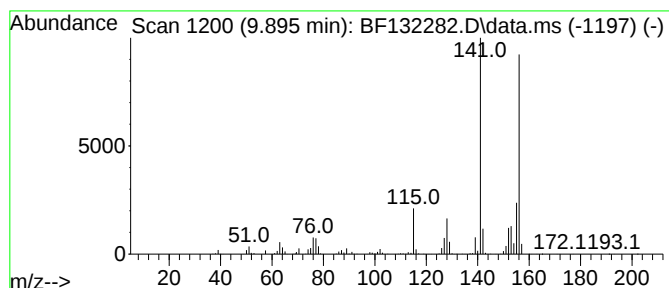
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.895	16.73 ng	1016970	Acenaphthene-d10	10.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

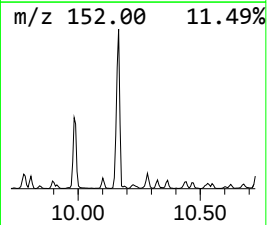
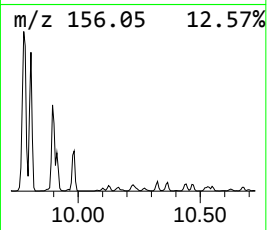
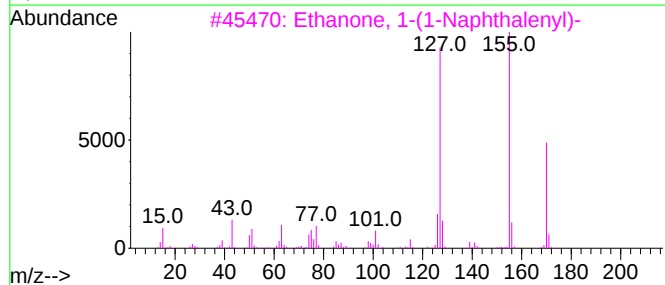
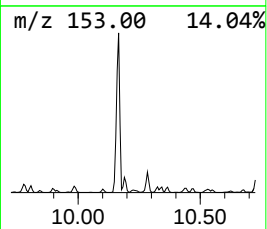
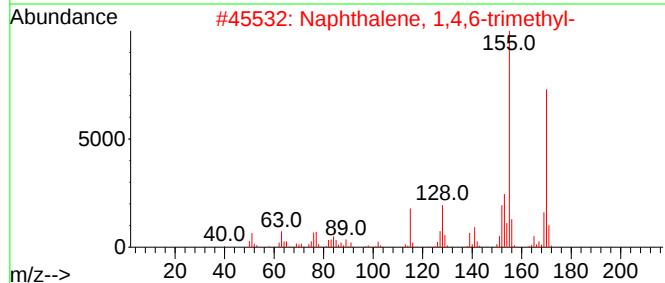
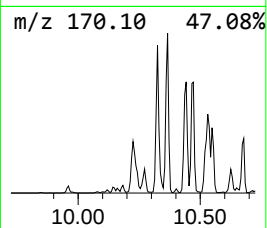
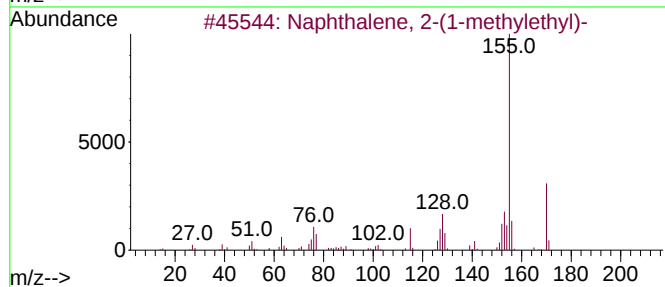
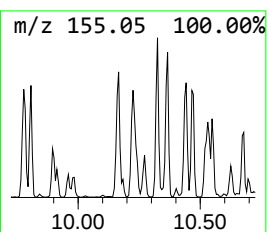
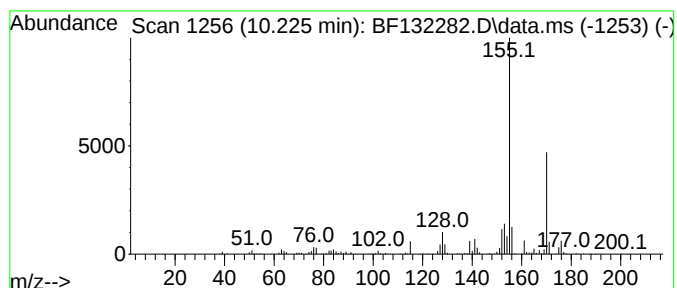
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.225	11.46 ng	696925	Acenaphthene-d10		10.125	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-		170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	86
3	Ethanone, 1-(1-Naphthalenyl)-		170	C12H10O	000941-98-0	72
4	2-Naphthyl methyl ketone		170	C12H10O	000093-08-3	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...		170	C8H7ClO2	001450-74-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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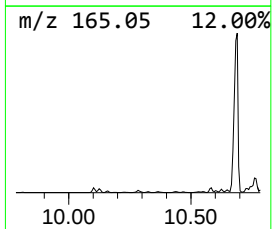
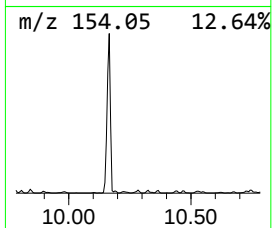
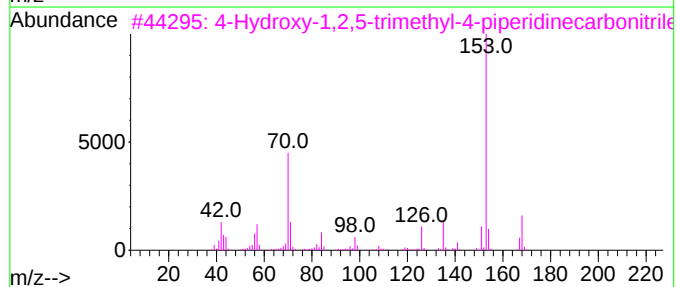
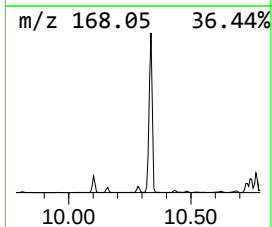
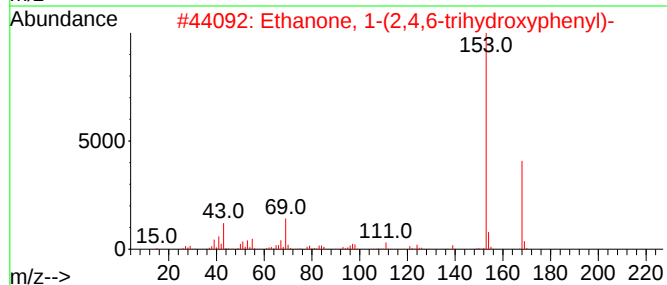
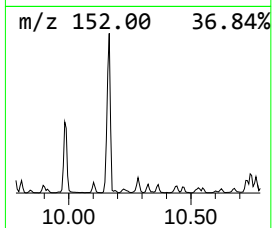
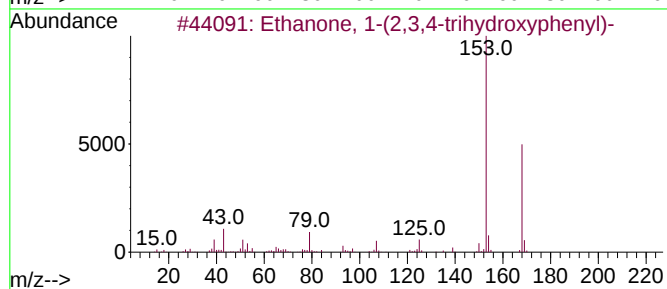
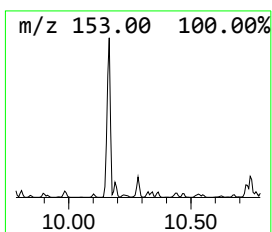
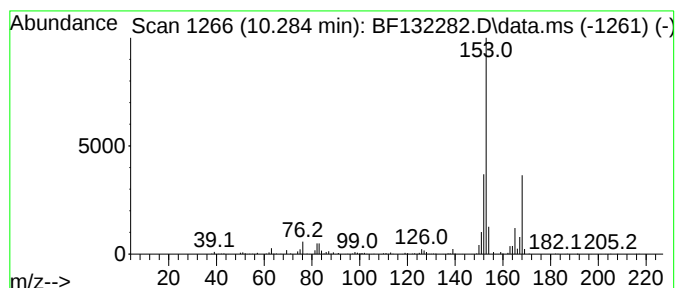
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanone, 1-(2,3,4-trihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.284	12.67 ng	770049	Acenaphthene-d10	10.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
2			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50
3			4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	42
4			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9F02	000455-91-4	40
5			1-Isopropenyl-naphthalene	168	C13H12	001855-47-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
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Operator : CG\JU
Sample : 01385-01 5X
Misc :
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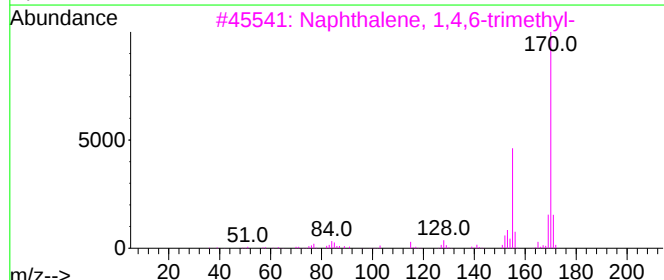
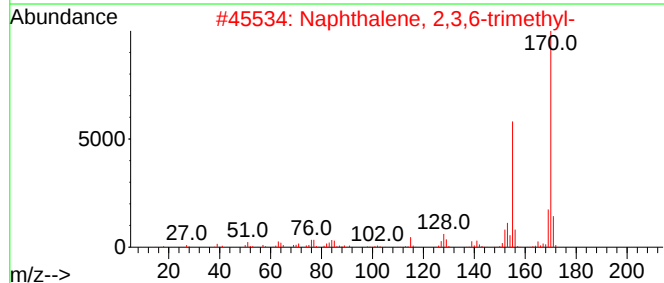
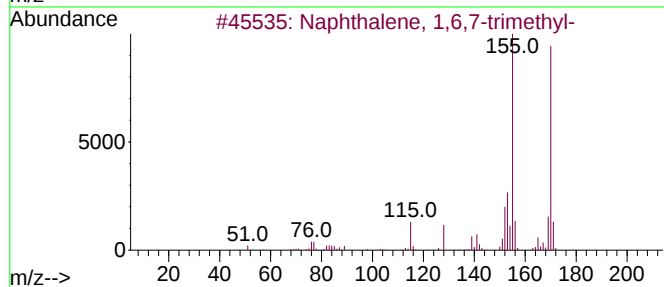
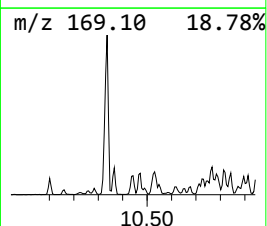
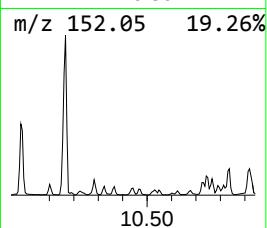
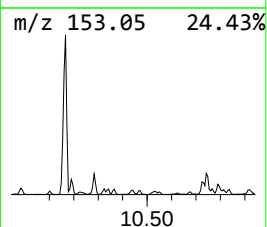
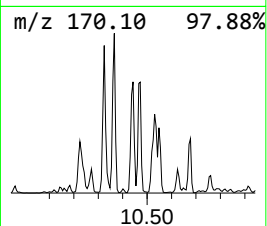
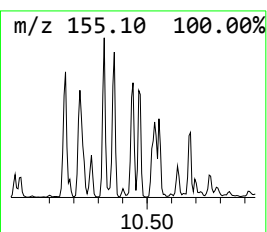
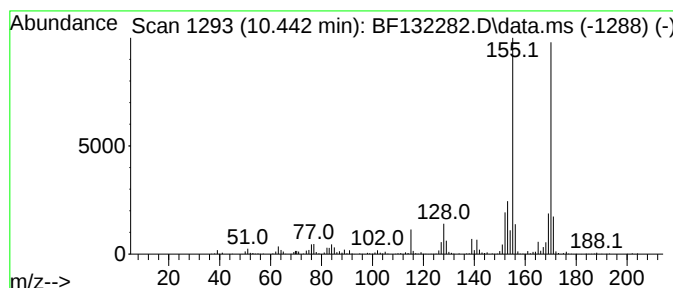
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.442	13.85 ng	841800	Acenaphthene-d10	10.125	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
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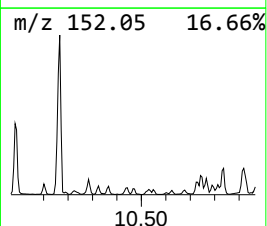
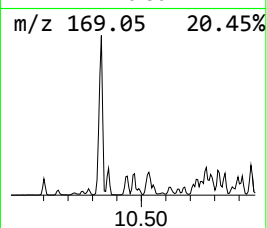
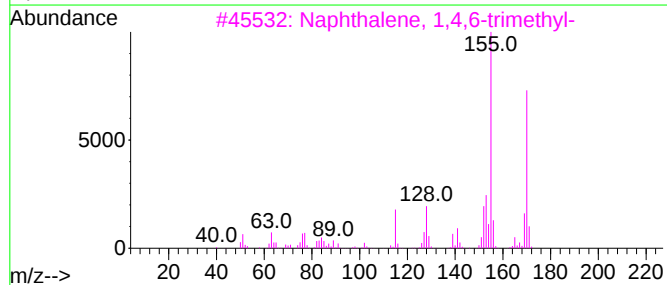
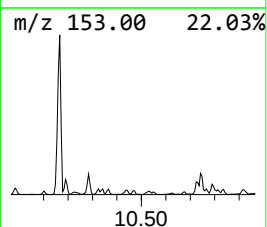
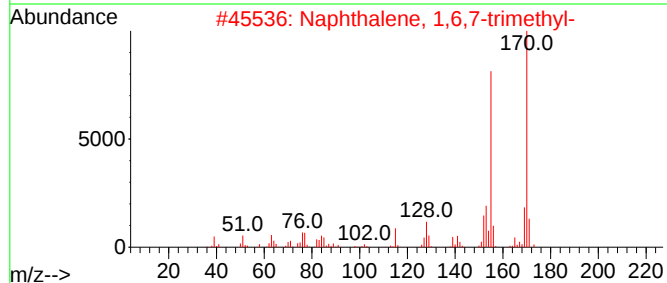
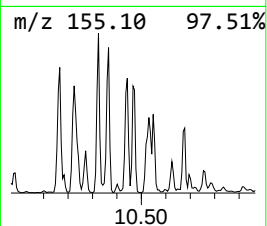
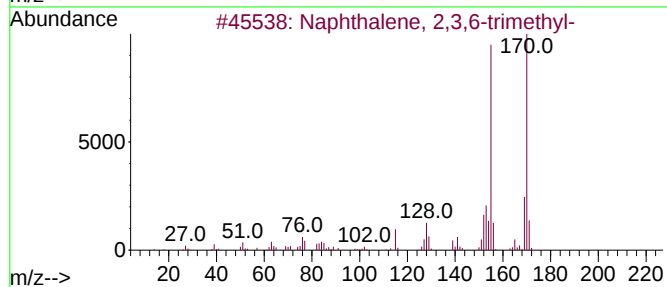
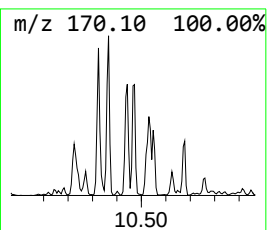
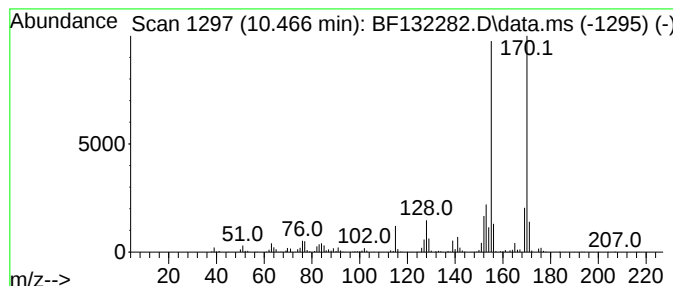
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.466	10.96 ng	666297	Acenaphthene-d10	10.125	
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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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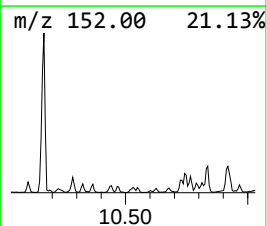
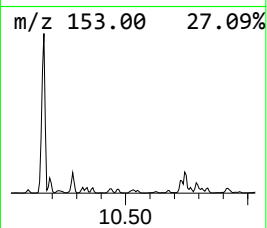
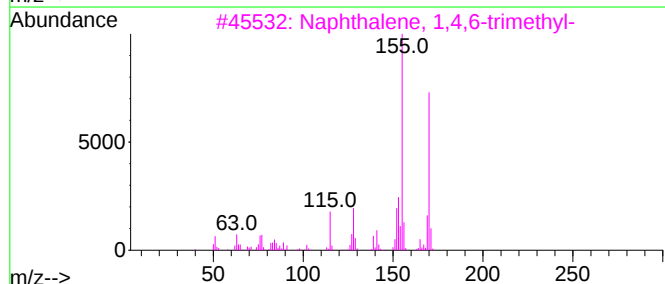
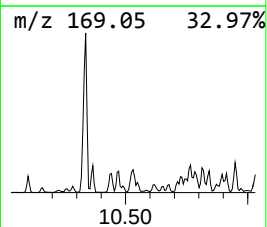
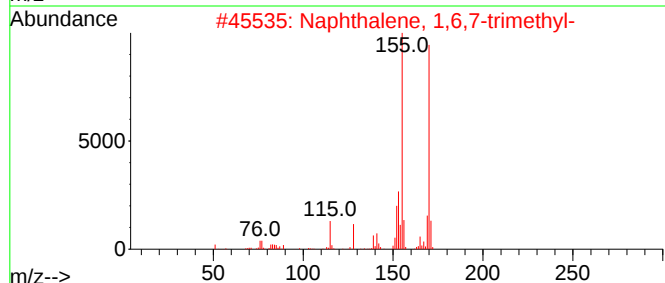
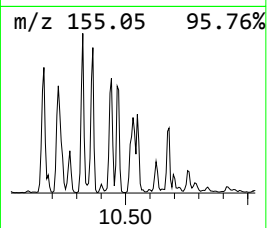
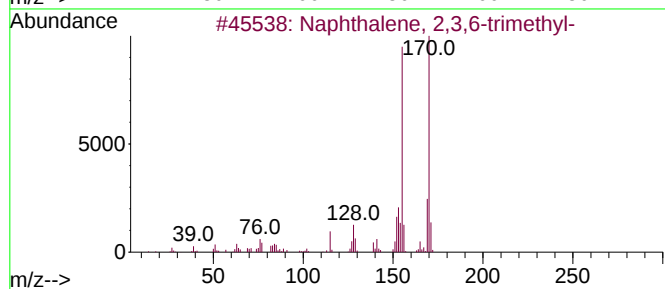
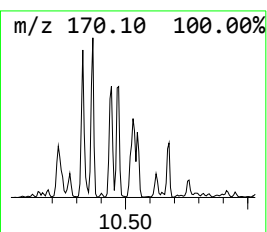
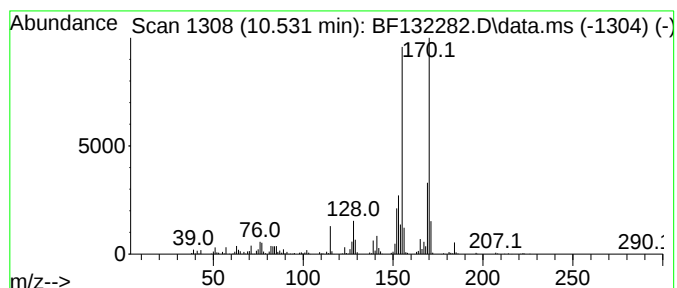
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.531	13.57 ng	825206	Acenaphthene-d10	10.125

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	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-013123

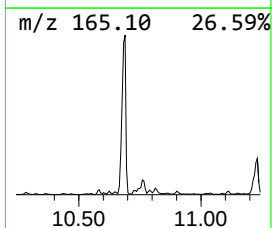
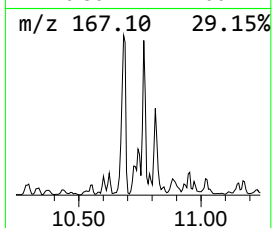
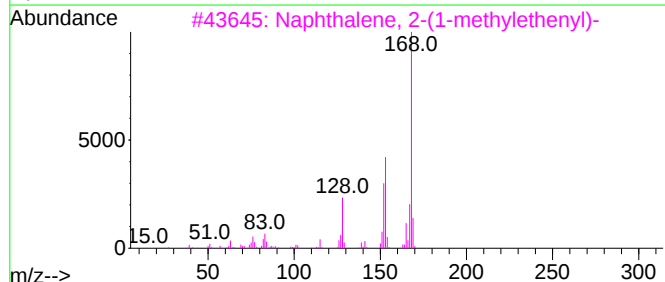
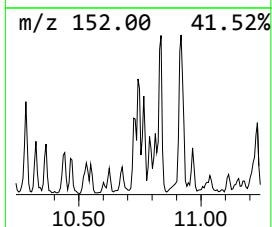
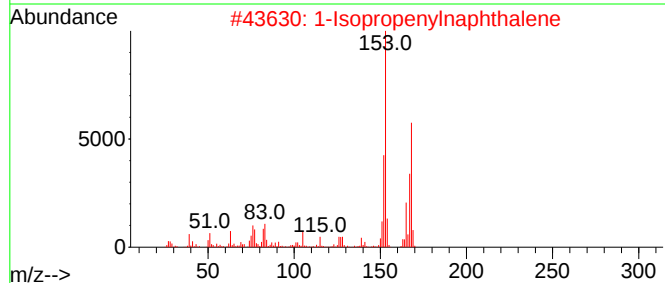
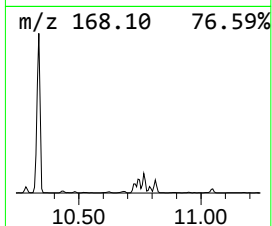
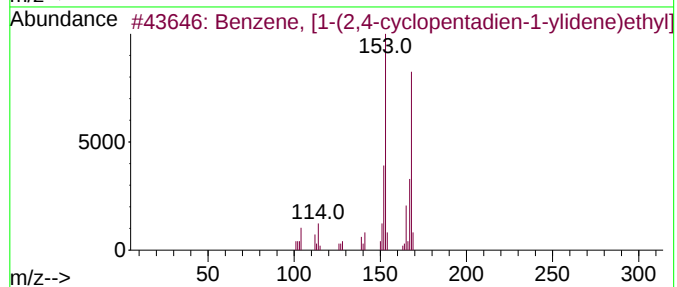
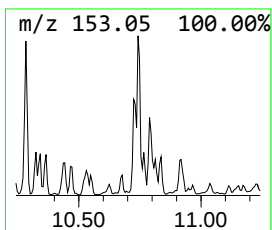
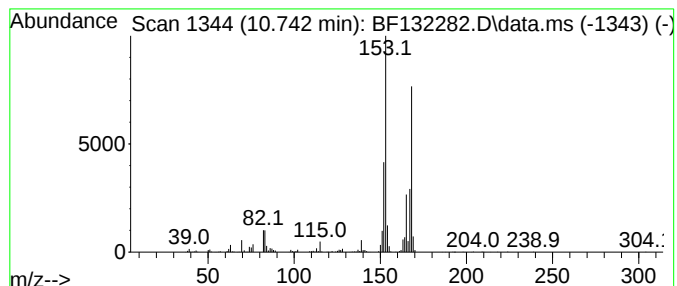
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, [1-(2,4-cyclopenta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.742	13.86 ng	842701	Acenaphthene-d10	10.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
3			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
4			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
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ALS Vial : 22 Sample Multiplier: 1

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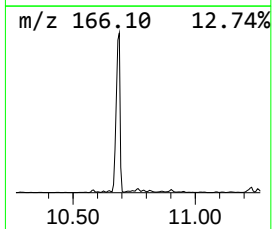
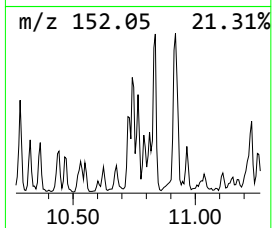
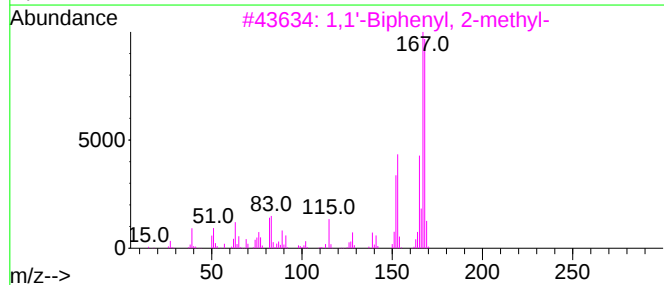
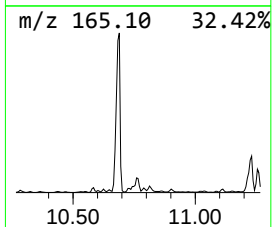
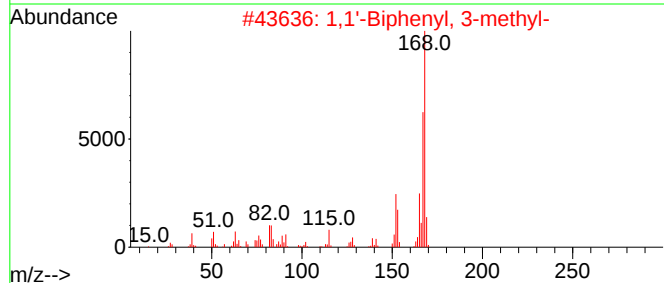
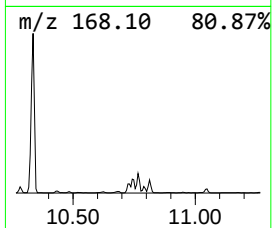
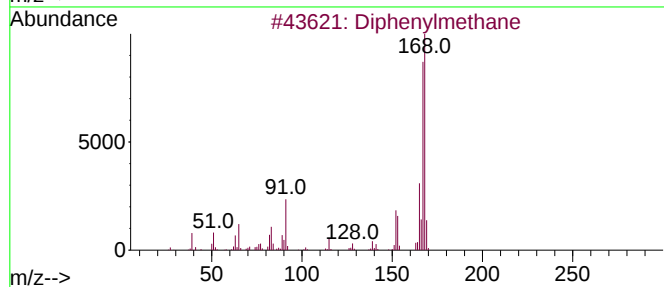
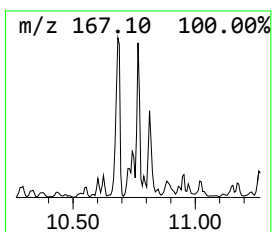
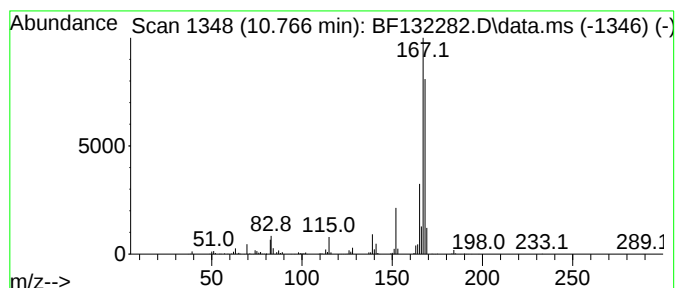
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Diphenylmethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.766	18.65 ng	1133910	Acenaphthene-d10	10.125

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	83
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68
4			Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	64
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

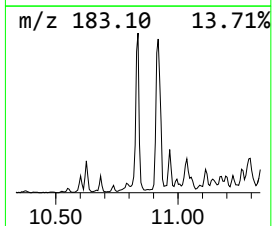
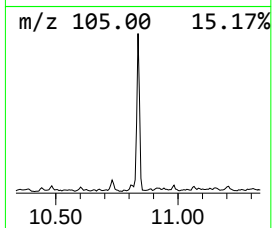
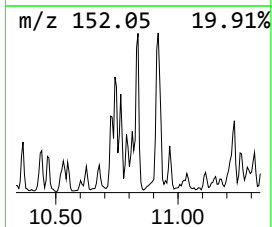
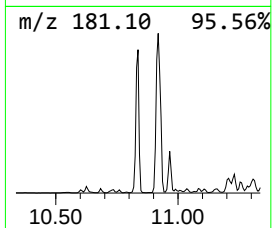
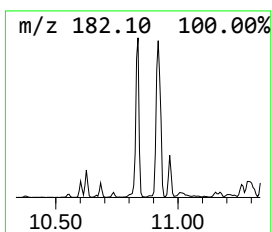
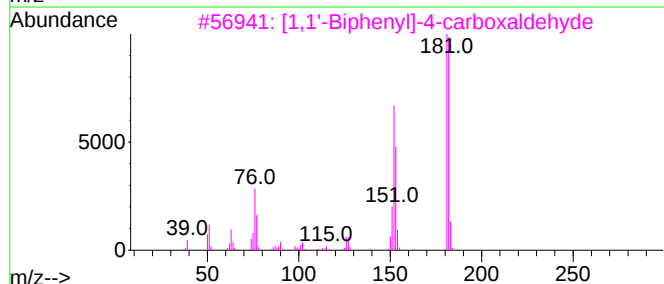
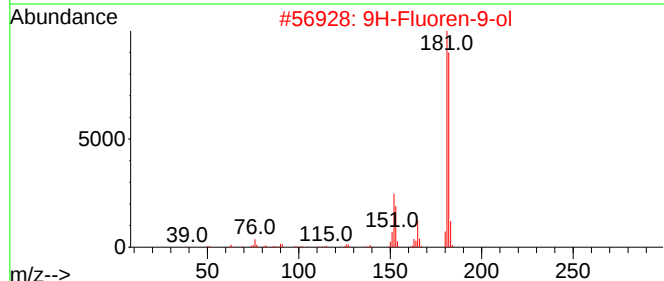
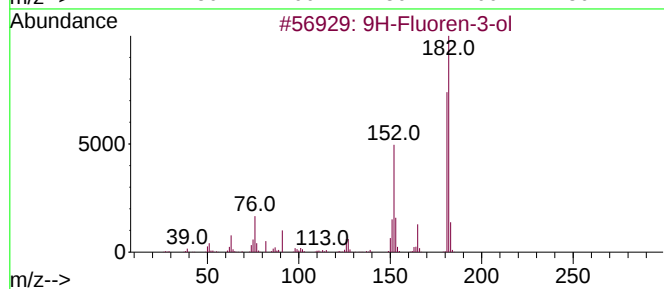
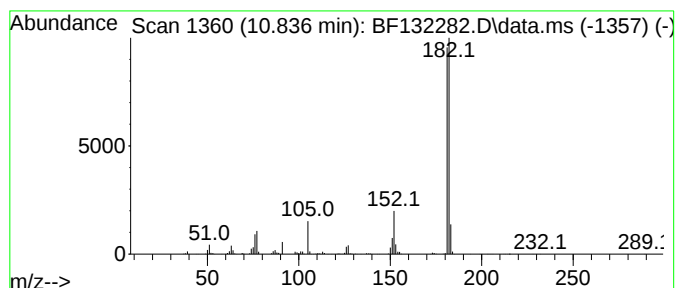
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluoren-3-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.836	29.64 ng	1801930	Acenaphthene-d10	10.125	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
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Operator : CG\JU
Sample : 01385-01 5X
Misc :
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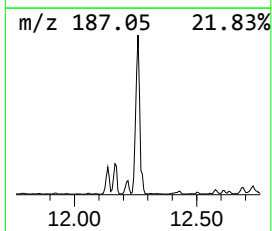
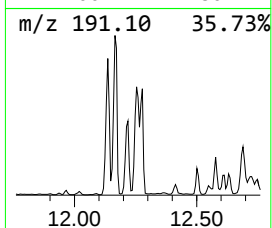
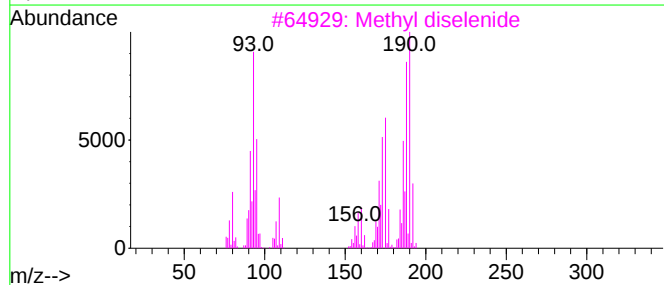
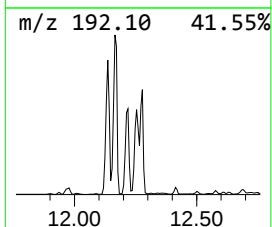
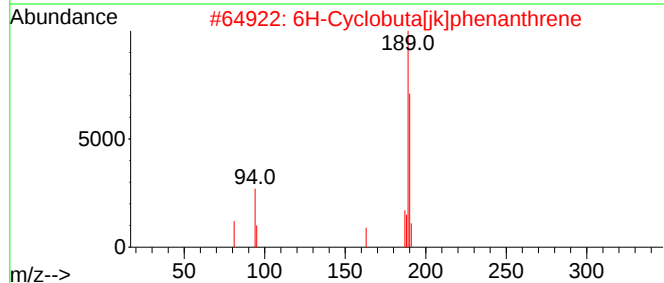
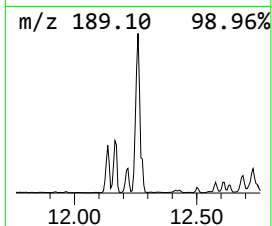
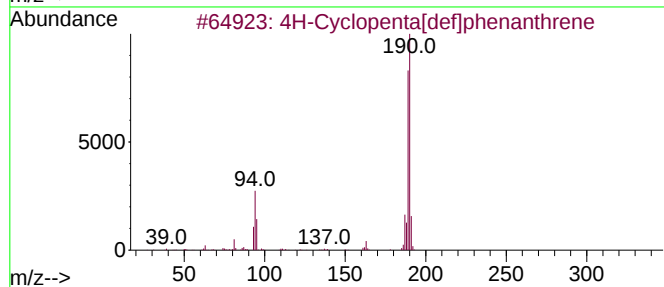
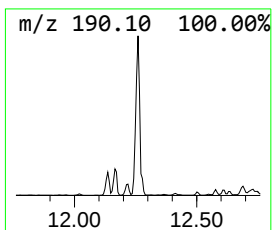
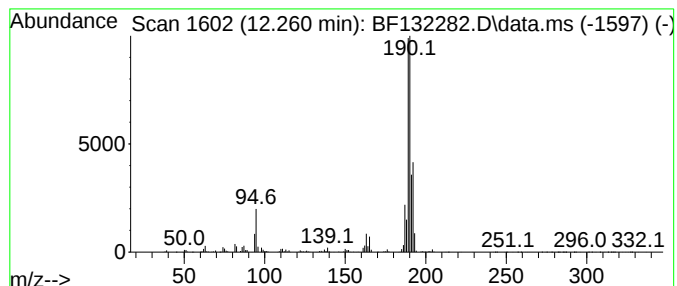
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.260	7.07 ng	8663970	Phenanthrene-d10			11.631
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	Methyl diselenide		190	C2H6Se2	007101-31-7	60
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthald...		190	C12H14O2	007072-01-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-013123

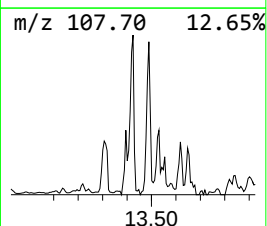
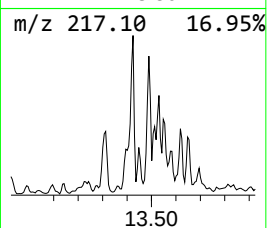
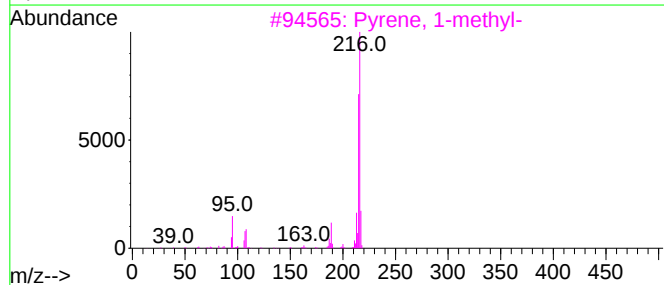
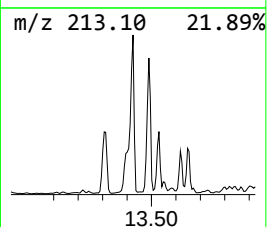
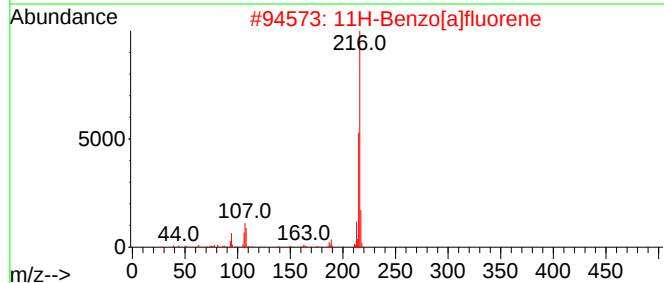
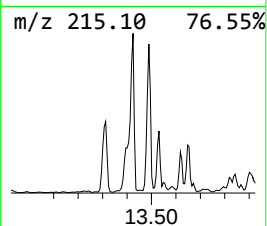
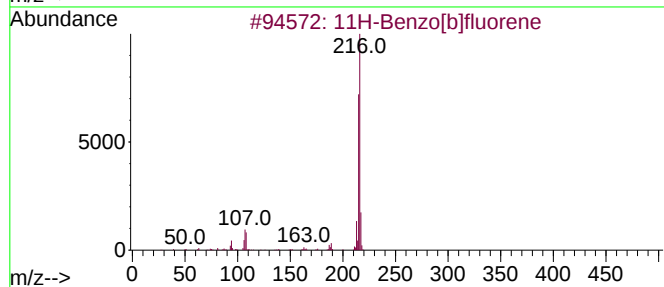
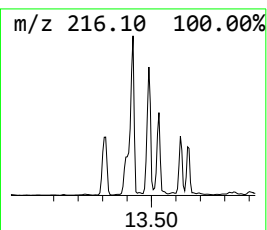
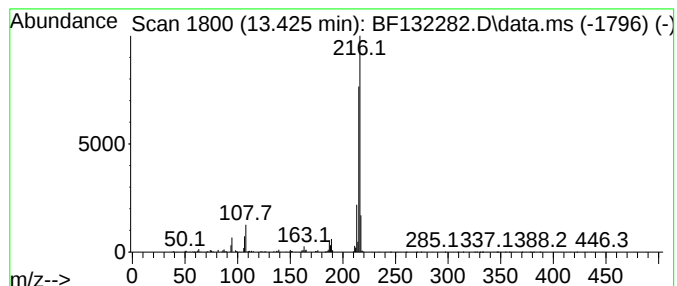
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.425	6.35 ng	3605870	Chrysene-d12	14.307

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
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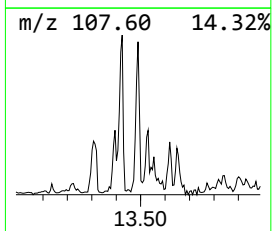
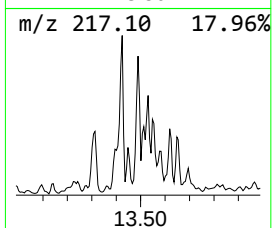
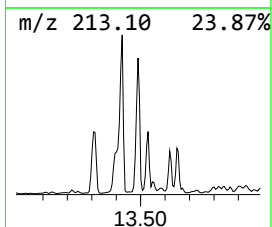
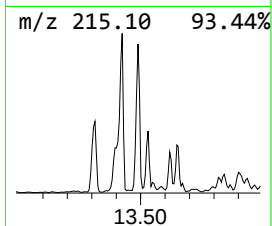
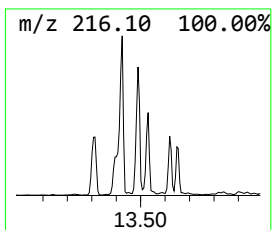
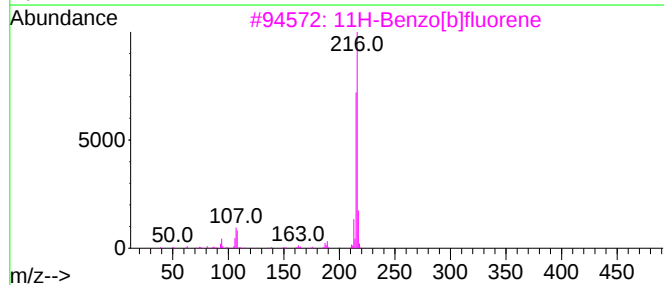
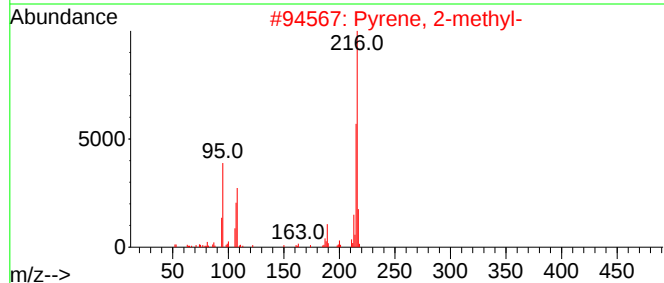
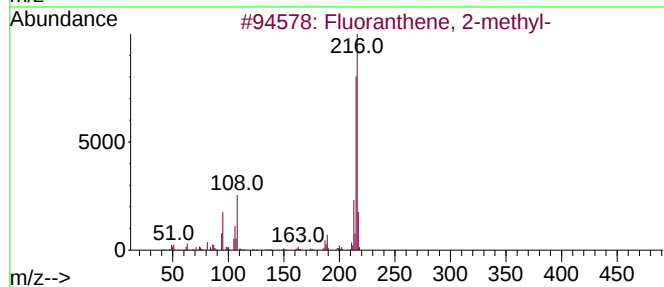
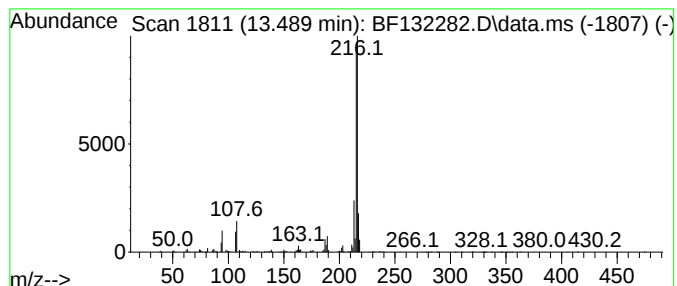
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.489	5.69 ng	3232730	Chrysene-d12	14.307	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

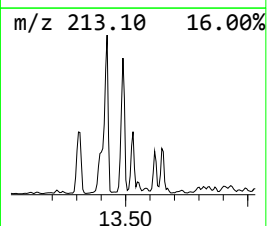
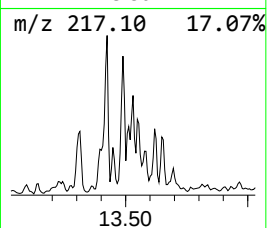
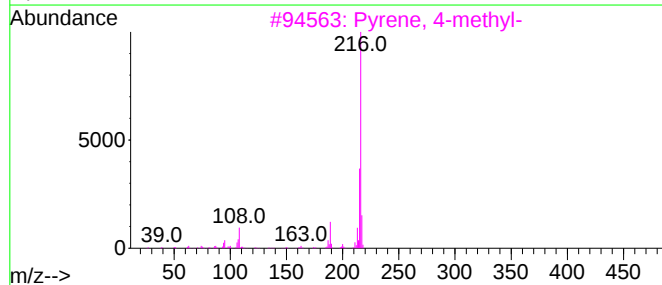
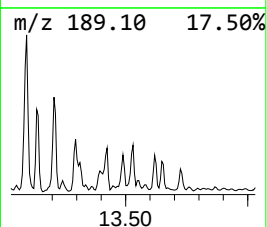
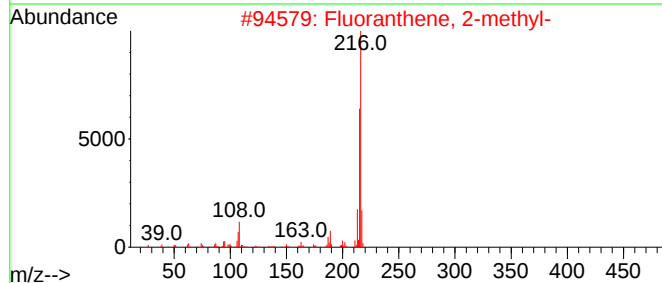
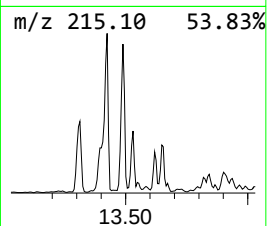
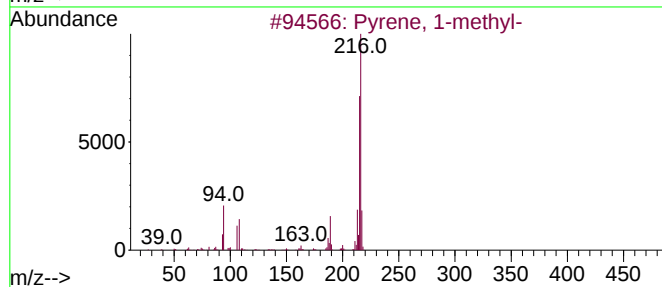
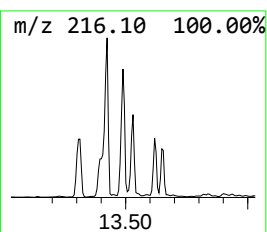
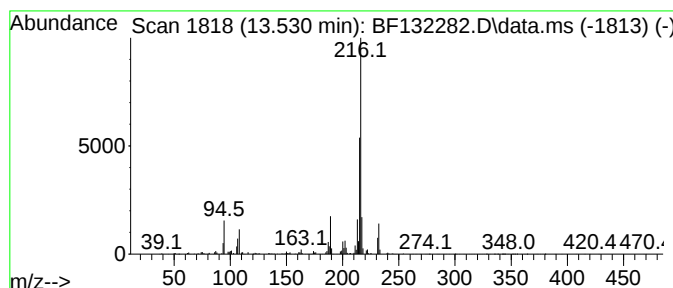
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.530	5.23 ng	2970360	Chrysene-d12		14.307	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	95
3	Pyrene, 4-methyl-		216	C17H12	003353-12-6	95
4	Pyrene, 2-methyl-		216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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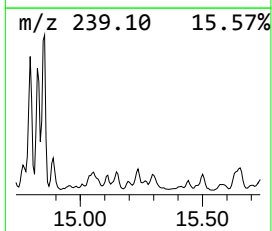
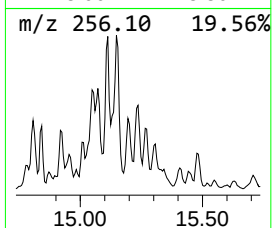
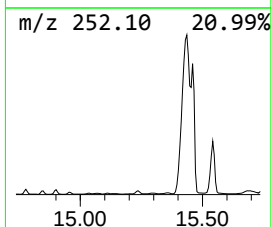
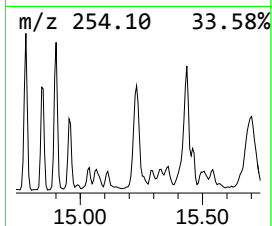
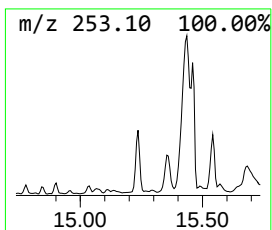
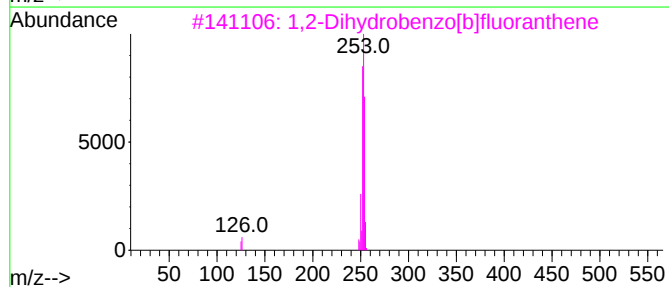
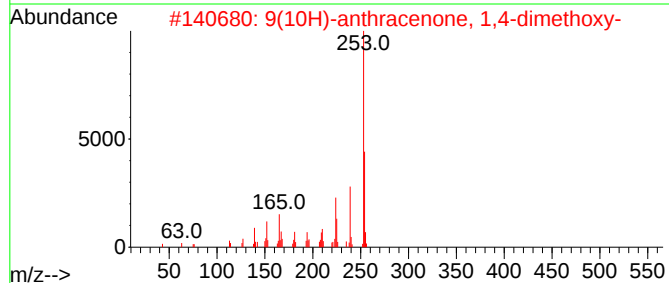
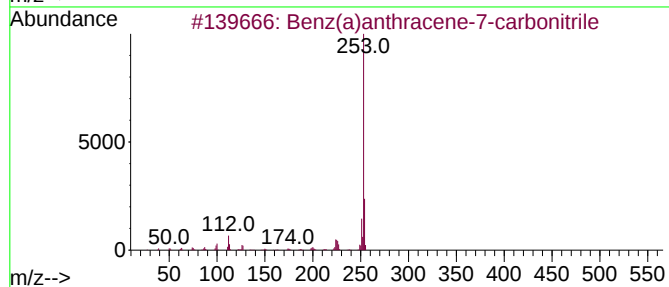
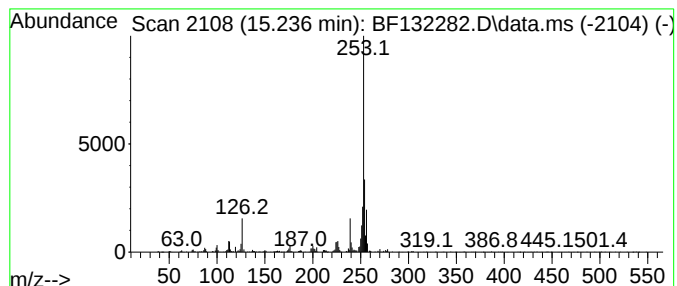
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benz(a)anthracene-7-carboni... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.236	7.07 ng	739009	Perylene-d12	15.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
2			9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	50
3			1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	50
4			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	50
5			3-(2-Chlorophenyl)-2-thioxo-2,3-...	288	C14H9ClN2OS	065141-60-8	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
Sample : 01385-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-013123

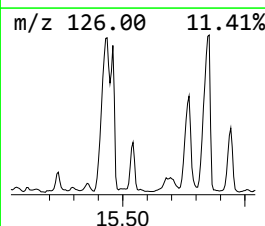
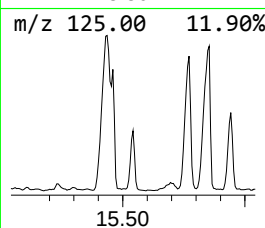
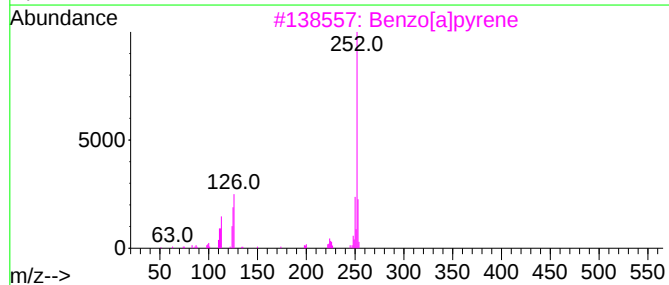
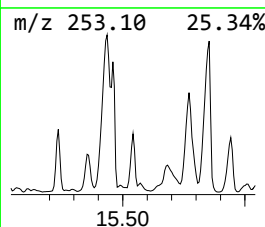
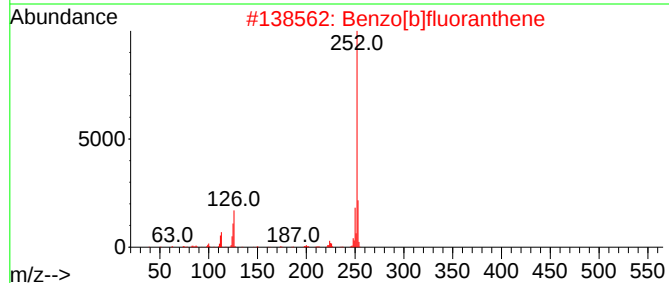
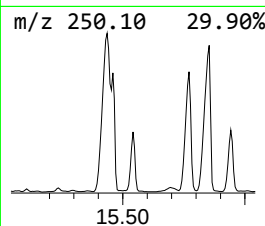
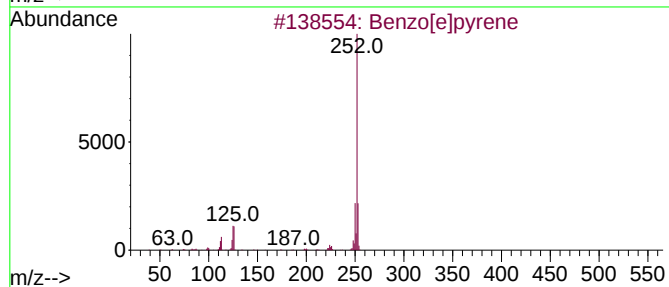
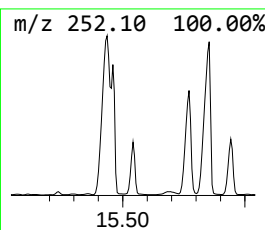
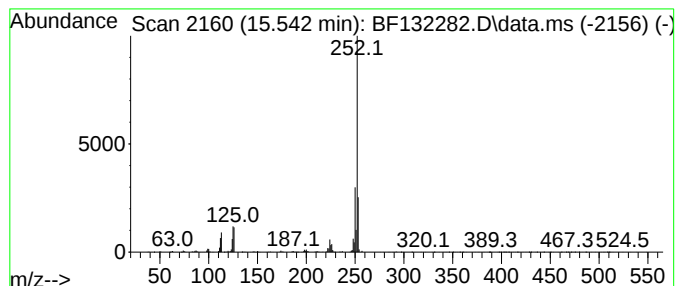
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.542	12.36 ng	1292090	Perylene-d12	15.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
Data File : BF132282.D
Acq On : 02 Feb 2023 02:54
Operator : CG\JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-02-013123

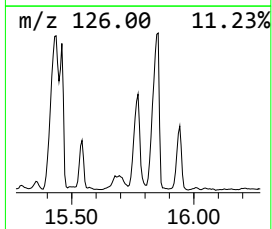
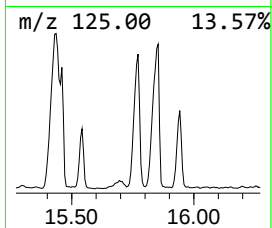
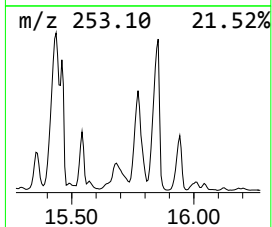
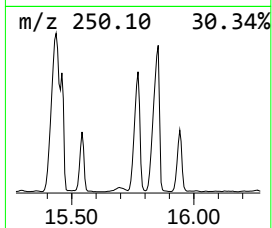
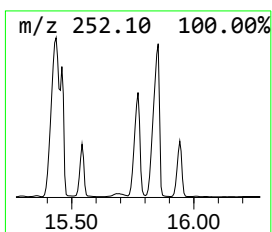
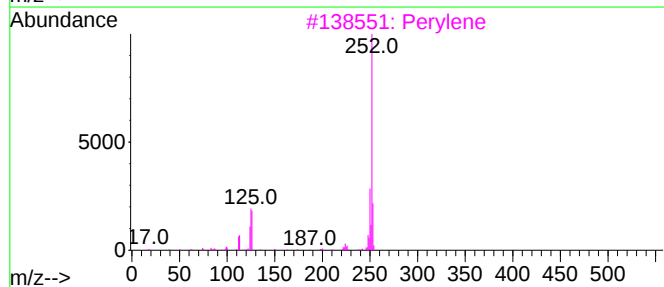
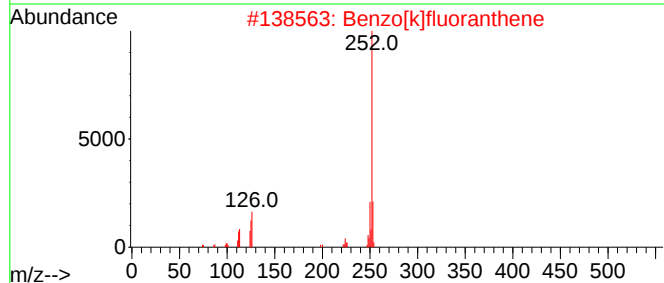
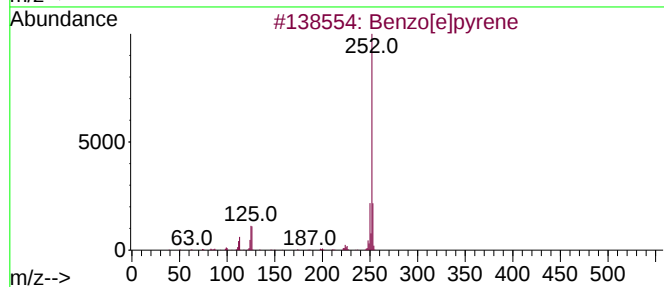
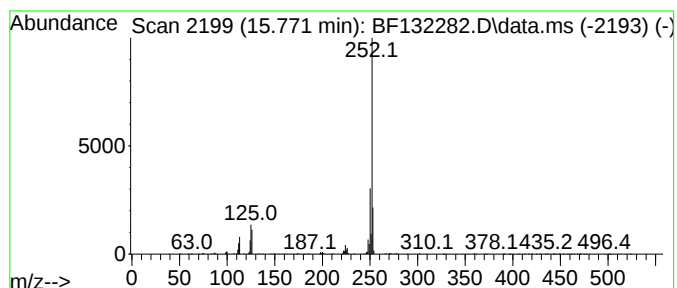
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.771	38.56 ng	4032330	Perylene-d12	15.907

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132282.D
 Acq On : 02 Feb 2023 02:54
 Operator : CG\JU
 Sample : 01385-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-013123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-...	9.637	13.6	ng	826117	3	10.125	1215840	20.0
Naphthalene, 2,...	9.707	37.0	ng	2247840	3	10.125	1215840	20.0
Naphthalene, 2,...	9.778	40.9	ng	2488860	3	10.125	1215840	20.0
Naphthalene, 2,...	9.807	20.8	ng	1265090	3	10.125	1215840	20.0
Naphthalene, 1,...	9.895	16.7	ng	1016970	3	10.125	1215840	20.0
Naphthalene, 2-...	10.225	11.5	ng	696925	3	10.125	1215840	20.0
Ethanone, 1-(2,...	10.284	12.7	ng	770049	3	10.125	1215840	20.0
Naphthalene, 1,...	10.442	13.9	ng	841800	3	10.125	1215840	20.0
Naphthalene, 2,...	10.466	11.0	ng	666297	3	10.125	1215840	20.0
Naphthalene, 1,...	10.531	13.6	ng	825206	3	10.125	1215840	20.0
Benzene, [1-(2,...	10.742	13.9	ng	842701	3	10.125	1215840	20.0
Diphenylmethane	10.766	18.6	ng	1133910	3	10.125	1215840	20.0
9H-Fluoren-3-ol	10.836	29.6	ng	1801930	3	10.125	1215840	20.0
4H-Cyclopenta[d...	12.260	7.1	ng	8663970	4	11.631	24523400	20.0
11H-Benzo[b]flu...	13.425	6.3	ng	3605870	5	14.307	11354800	20.0
Fluoranthene, 2...	13.489	5.7	ng	3232730	5	14.307	11354800	20.0
Pyrene, 1-methyl-	13.530	5.2	ng	2970360	5	14.307	11354800	20.0
Benz(a)anthrace...	15.236	7.1	ng	739009	6	15.907	2091530	20.0
Benzo[e]pyrene	15.542	12.4	ng	1292090	6	15.907	2091530	20.0
Perylene	15.771	38.6	ng	4032330	6	15.907	2091530	20.0