

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136161.D
 Acq On : 06 Nov 2023 18:29
 Operator : CG\JU
 Sample : 05257-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

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-BF103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.445	566	571	574	rBV	1633773	1487480	59.24%	3.638%
2	6.451	737	742	745	rBV	1618777	1511511	60.20%	3.697%
3	6.816	801	804	808	rVB	611910	483517	19.26%	1.183%
4	7.381	895	900	903	rBV	1230881	987942	39.35%	2.417%
5	8.098	1018	1022	1024	rBV	866650	633083	25.21%	1.549%
6	9.180	1202	1206	1209	rVB	2062228	1830982	72.92%	4.479%
7	9.439	1246	1250	1254	rBV2	56590	82030	3.27%	0.201%
8	9.516	1259	1263	1265	rBV	125743	122655	4.89%	0.300%
9	9.716	1292	1297	1301	rBV	313928	248417	9.89%	0.608%
10	9.857	1315	1321	1324	rBV	824706	686526	27.34%	1.679%
11	9.886	1324	1326	1330	rVB	115202	92523	3.69%	0.226%
12	10.057	1350	1355	1359	rVV	114649	111937	4.46%	0.274%
13	10.175	1370	1375	1377	rBV2	75123	82257	3.28%	0.201%
14	10.263	1386	1390	1392	rBV2	54483	72145	2.87%	0.176%
15	10.404	1411	1414	1420	rVV2	206771	200060	7.97%	0.489%
16	10.469	1420	1425	1427	rVV2	56830	75484	3.01%	0.185%
17	10.563	1438	1441	1447	rVV3	75847	94875	3.78%	0.232%
18	10.645	1450	1455	1459	rVV	1244007	1057611	42.12%	2.587%
19	10.774	1473	1477	1483	rVB3	83704	92382	3.68%	0.226%
20	10.957	1502	1508	1510	rBV3	92770	126781	5.05%	0.310%
21	10.980	1510	1512	1515	rVV2	75619	71954	2.87%	0.176%
22	11.104	1531	1533	1536	rVV	65371	72007	2.87%	0.176%
23	11.151	1538	1541	1545	rVV2	75360	78526	3.13%	0.192%
24	11.245	1554	1557	1562	rVB	116552	123216	4.91%	0.301%
25	11.351	1571	1575	1576	rBV	586086	538375	21.44%	1.317%
26	11.374	1576	1579	1582	rVV	1623293	1260271	50.19%	3.083%
27	11.421	1584	1587	1590	rVB	331333	266157	10.60%	0.651%
28	11.457	1590	1593	1596	rBV2	65145	73986	2.95%	0.181%
29	11.580	1611	1614	1616	rBV	83211	68403	2.72%	0.167%
30	11.680	1628	1631	1635	rVB	138897	120817	4.81%	0.296%
31	11.763	1642	1645	1649	rVB	76910	87279	3.48%	0.213%
32	11.857	1657	1661	1663	rVV	386058	371066	14.78%	0.908%
33	11.880	1663	1665	1670	rVV	544162	538120	21.43%	1.316%
34	11.927	1670	1673	1676	rVV	155534	142466	5.67%	0.348%
35	11.963	1676	1679	1682	rVV	568485	618507	24.63%	1.513%
36	11.986	1682	1683	1688	rVB	316418	234457	9.34%	0.573%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136161.D
 Acq On : 06 Nov 2023 18:29
 Operator : CG\JU
 Sample : 05257-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

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-BF103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.151	1708	1711	1713	rVV	239773	219956	8.76%	0.538%
38	12.174	1713	1715	1719	rVB2	254443	214770	8.55%	0.525%
39	12.304	1735	1737	1739	rVV2	85540	78271	3.12%	0.191%
40	12.333	1739	1742	1744	rVV	130182	98823	3.94%	0.242%
41	12.357	1744	1746	1748	rVB	102132	74623	2.97%	0.183%
42	12.410	1748	1755	1758	rBV	345225	380303	15.15%	0.930%
43	12.445	1758	1761	1763	rVV2	161560	180994	7.21%	0.443%
44	12.492	1766	1769	1774	rVB2	212453	234058	9.32%	0.573%
45	12.574	1778	1783	1786	rBV	2557529	2302586	91.71%	5.632%
46	12.621	1786	1791	1792	rBV	70180	69462	2.77%	0.170%
47	12.663	1796	1798	1802	rVB	146843	119162	4.75%	0.291%
48	12.804	1816	1822	1825	rBV	2167333	2510798	100.00%	6.142%
49	12.851	1827	1830	1835	rVB2	113459	174878	6.97%	0.428%
50	12.921	1838	1842	1843	rBV2	138817	123714	4.93%	0.303%
51	12.951	1843	1847	1850	rVV	1562665	1327855	52.89%	3.248%
52	13.021	1853	1859	1862	rBV2	277971	416445	16.59%	1.019%
53	13.104	1870	1873	1875	rVV3	211254	251840	10.03%	0.616%
54	13.133	1875	1878	1881	rVB	439630	418443	16.67%	1.024%
55	13.198	1886	1889	1892	rVV	303045	245949	9.80%	0.602%
56	13.233	1892	1895	1899	rVV	391072	388924	15.49%	0.951%
57	13.298	1903	1906	1908	rBV2	64756	74724	2.98%	0.183%
58	13.327	1908	1911	1914	rVV	248758	201099	8.01%	0.492%
59	13.357	1914	1916	1920	rVV	235207	205996	8.20%	0.504%
60	13.439	1927	1930	1935	rVB5	47493	71216	2.84%	0.174%
61	13.639	1961	1964	1969	rVV	351440	393222	15.66%	0.962%
62	13.751	1978	1983	1986	rVV2	340619	456650	18.19%	1.117%
63	13.786	1986	1989	1990	rVV	267714	252154	10.04%	0.617%
64	13.804	1990	1992	1996	rVV2	213758	270089	10.76%	0.661%
65	13.851	1997	2000	2004	rVB	319124	291690	11.62%	0.713%
66	13.921	2010	2012	2019	rVB2	76837	122896	4.89%	0.301%
67	14.004	2021	2026	2030	rBV2	1555554	2365691	94.22%	5.787%
68	14.039	2030	2032	2037	rVB	1648591	1359544	54.15%	3.326%
69	14.115	2043	2045	2047	rVB	112412	81979	3.27%	0.201%
70	14.151	2048	2051	2053	rBV	218472	188859	7.52%	0.462%
71	14.233	2061	2065	2068	rBV2	100263	146776	5.85%	0.359%
72	14.262	2068	2070	2073	rVB2	105175	104759	4.17%	0.256%
73	14.333	2078	2082	2084	rBV3	62420	86704	3.45%	0.212%
74	14.362	2084	2087	2089	rBV	97688	95079	3.79%	0.233%
75	14.398	2089	2093	2096	rVV	409938	441135	17.57%	1.079%
76	14.433	2096	2099	2102	rVV2	292582	282678	11.26%	0.691%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136161.D
 Acq On : 06 Nov 2023 18:29
 Operator : CG\JU
 Sample : 05257-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

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-BF103023.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.468	2102	2105	2106	rVV3	77345	76157	3.03%	0.186%
78	14.492	2106	2109	2111	rVV2	215586	236280	9.41%	0.578%
79	14.521	2111	2114	2116	rVV2	234686	255033	10.16%	0.624%
80	14.545	2116	2118	2122	rVV4	178412	197444	7.86%	0.483%
81	14.598	2125	2127	2130	rVB	115102	103810	4.13%	0.254%
82	14.733	2148	2150	2156	rVB5	63268	109604	4.37%	0.268%
83	14.792	2157	2160	2162	rBV	108792	107236	4.27%	0.262%
84	14.898	2171	2178	2181	rBV4	101662	221902	8.84%	0.543%
85	14.968	2186	2190	2194	rBV2	118497	153698	6.12%	0.376%
86	15.068	2201	2207	2210	rBV	1148992	1953742	77.81%	4.779%
87	15.174	2221	2225	2229	rVB	281379	310058	12.35%	0.758%
88	15.374	2254	2259	2265	rVB	639797	869960	34.65%	2.128%
89	15.445	2265	2271	2276	rVB	923824	1171115	46.64%	2.865%
90	15.504	2276	2281	2284	rBV	350230	457336	18.21%	1.119%
91	15.533	2284	2286	2293	rVB2	233023	338769	13.49%	0.829%
92	15.680	2304	2311	2314	rBV5	63296	142969	5.69%	0.350%
93	15.868	2340	2343	2351	rVB3	60448	125853	5.01%	0.308%
94	16.080	2376	2379	2383	rVB3	58549	71780	2.86%	0.176%
95	16.839	2498	2508	2522	rVB5	83803	310738	12.38%	0.760%
96	17.015	2532	2538	2548	rVB3	327793	722484	28.78%	1.767%
97	17.198	2564	2569	2575	rBV	68931	148349	5.91%	0.363%
98	17.256	2575	2579	2584	rVV	58468	103215	4.11%	0.252%
99	17.474	2608	2616	2627	rVB	242281	528662	21.06%	1.293%
100	17.709	2651	2656	2662	rBV	47630	95378	3.80%	0.233%

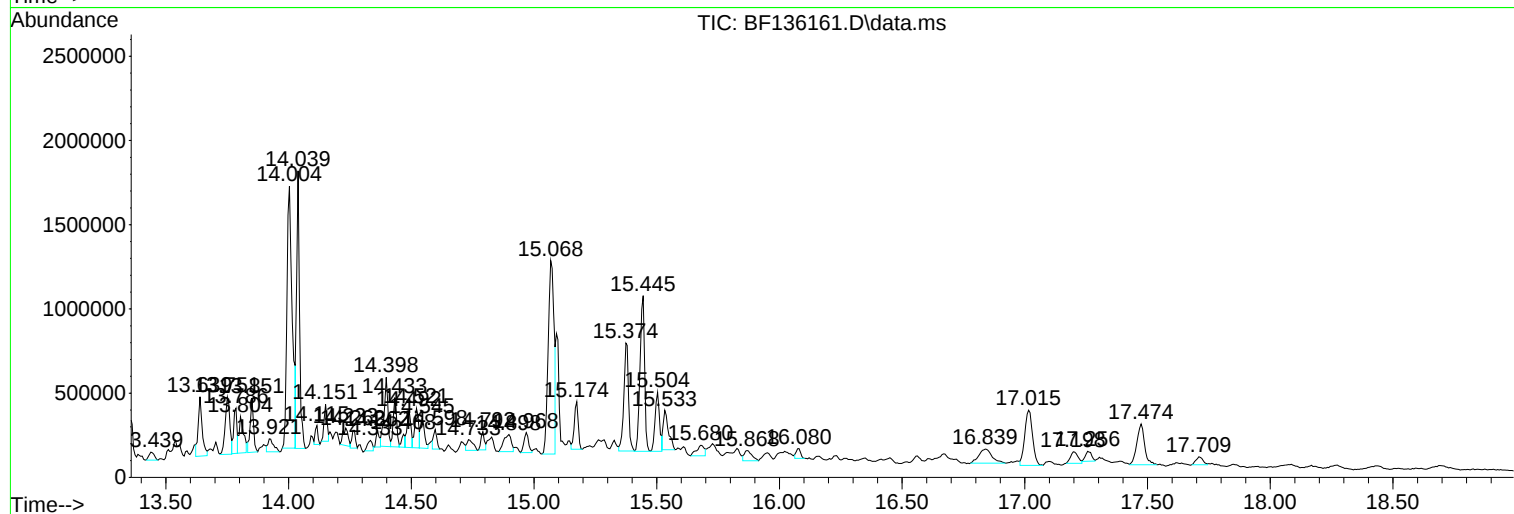
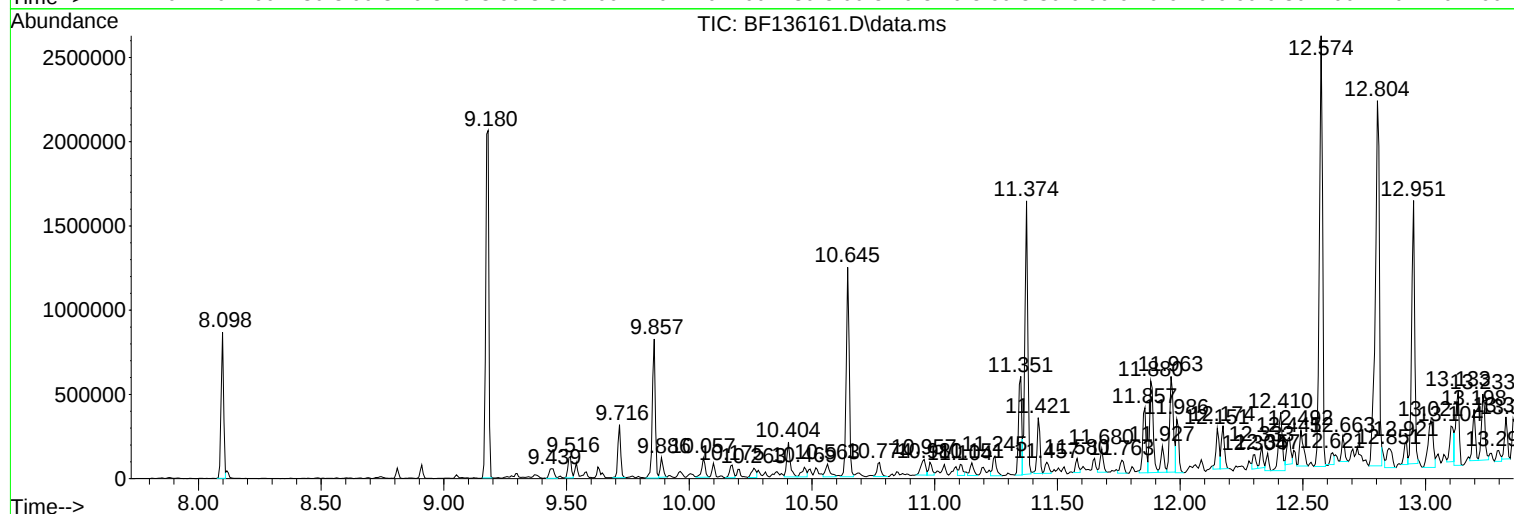
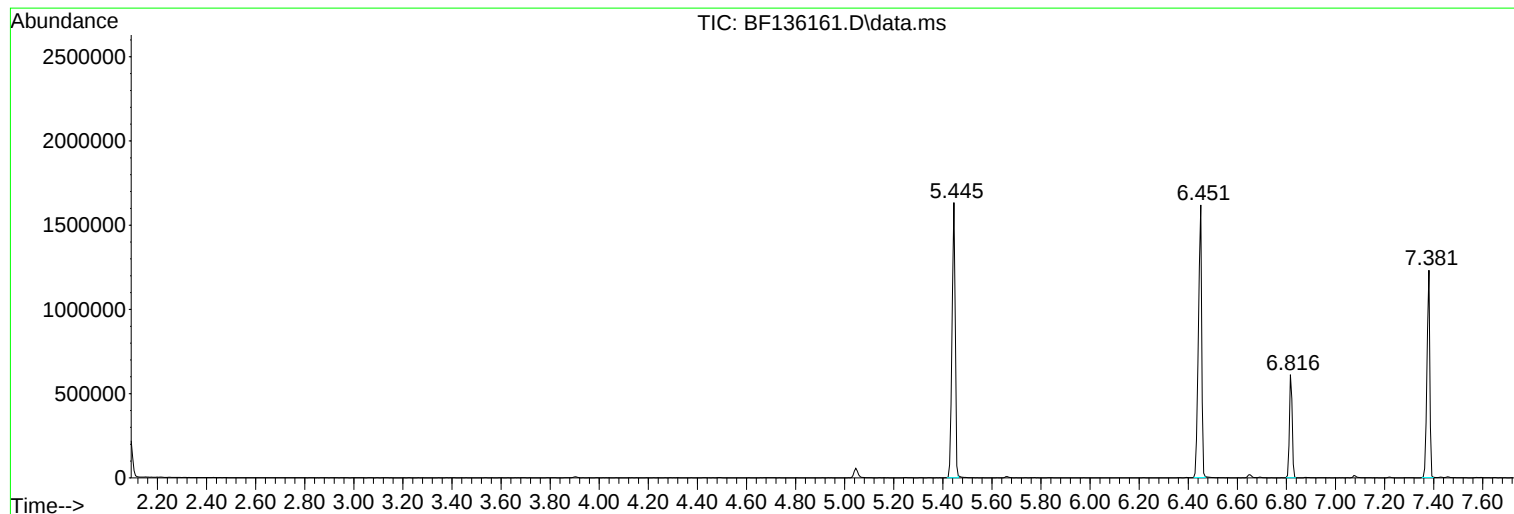
Sum of corrected areas: 40882171

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

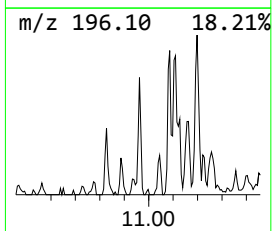
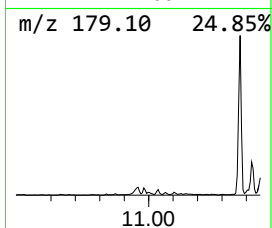
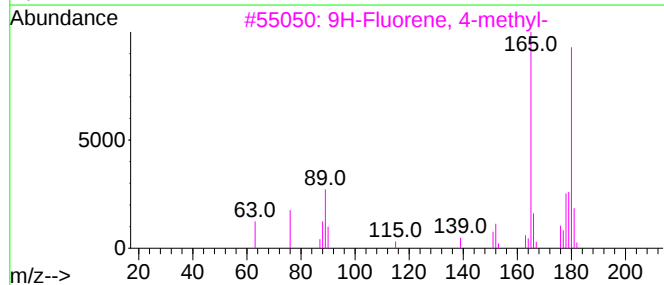
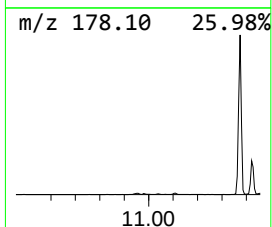
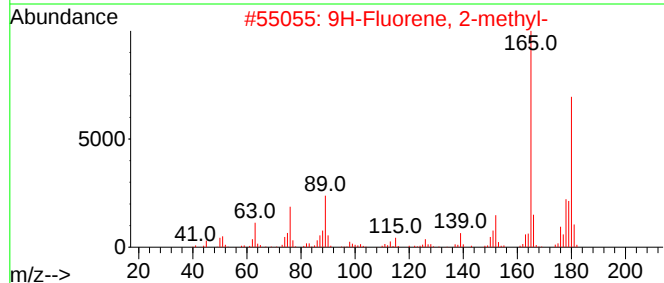
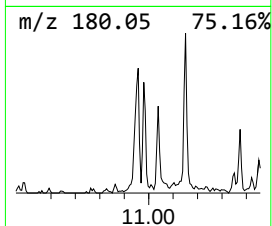
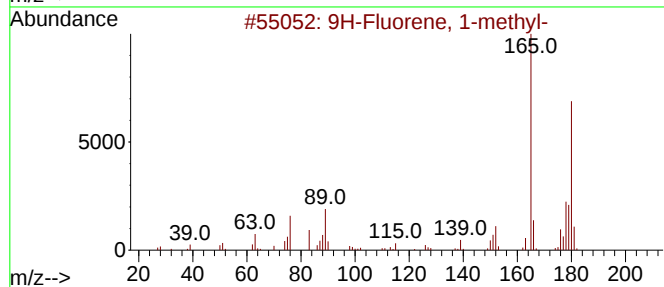
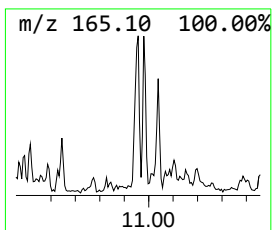
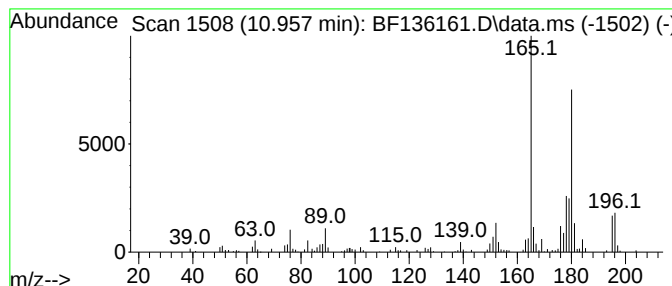
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	4.71 ng	126781	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
3	9H-Fluorene, 4-methyl-			180	C14H12	001556-99-6	89
4	4a,9a-Methano-9H-fluorene			180	C14H12	019540-84-2	86
5	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

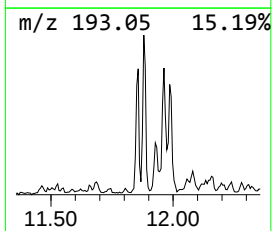
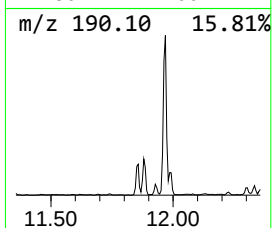
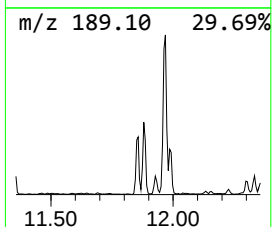
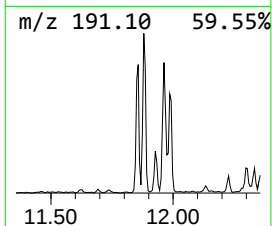
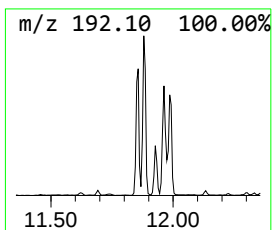
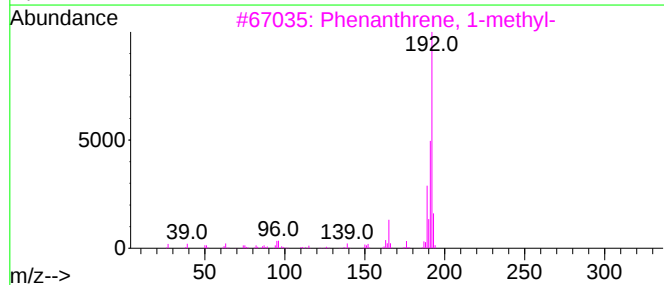
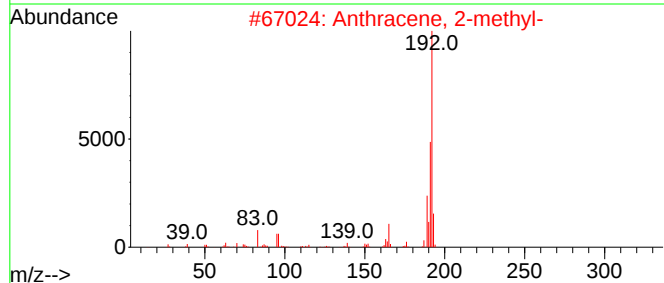
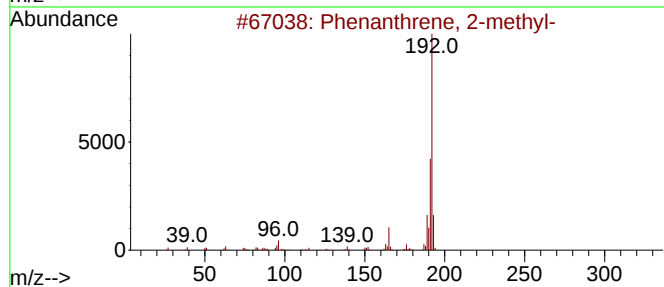
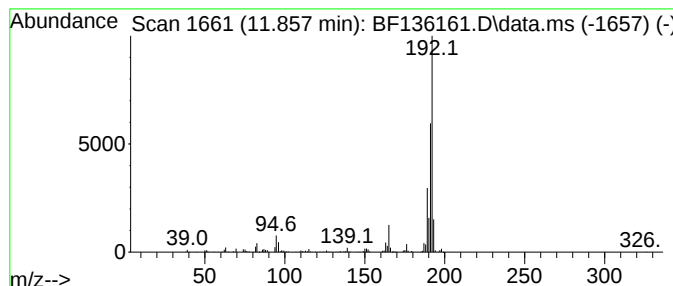
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	13.78 ng	371066	Phenanthrene-d10	11.351

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

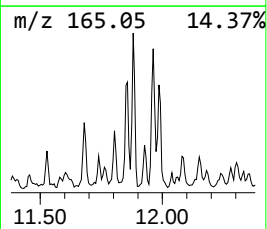
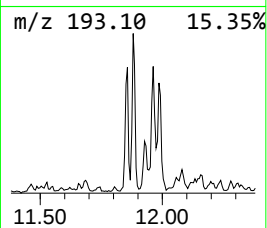
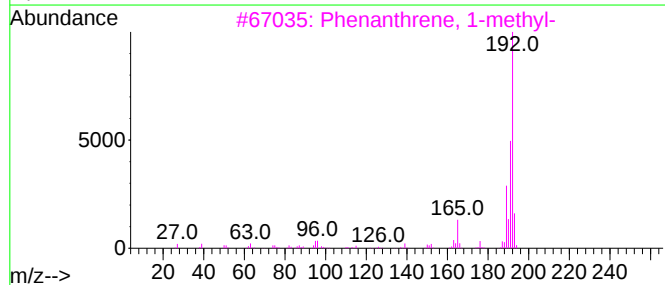
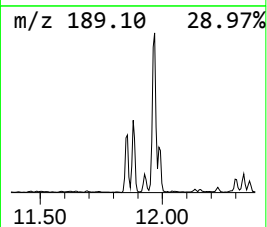
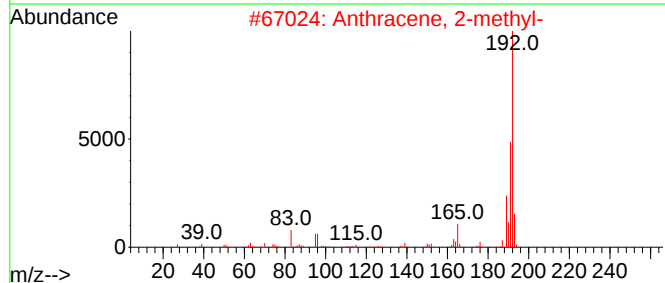
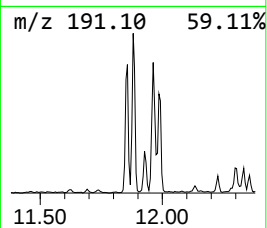
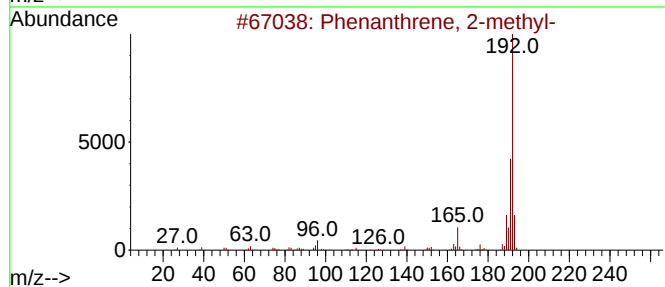
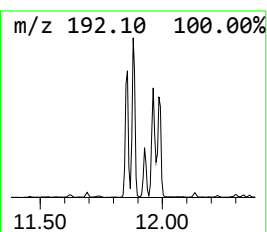
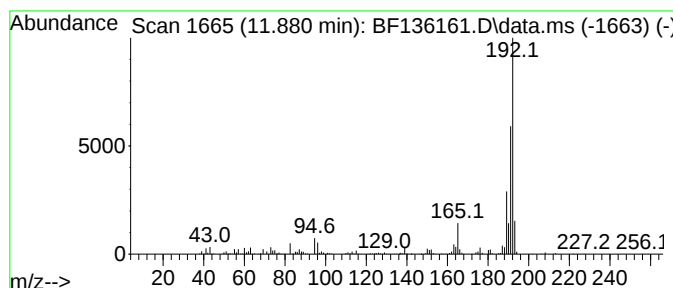
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	19.99 ng	538120	Phenanthrene-d10	11.351

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

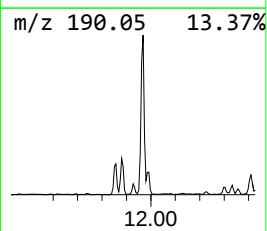
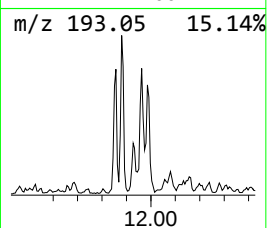
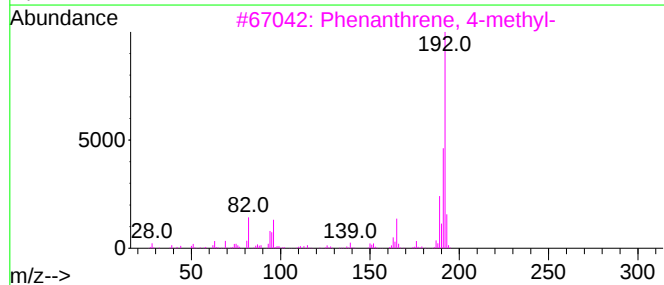
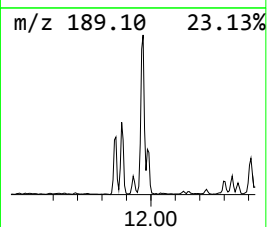
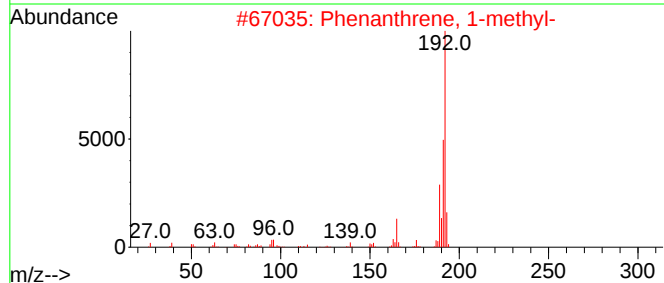
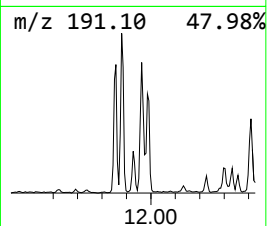
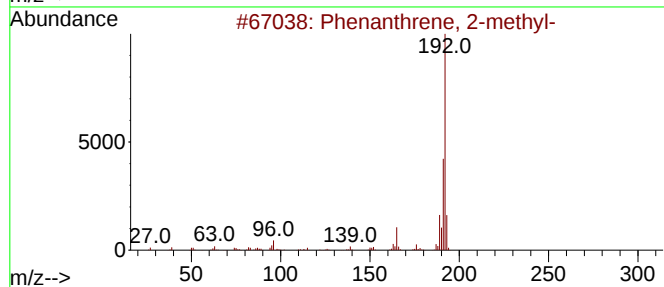
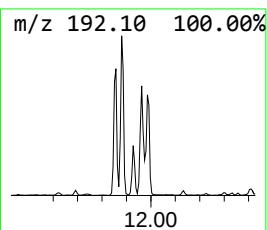
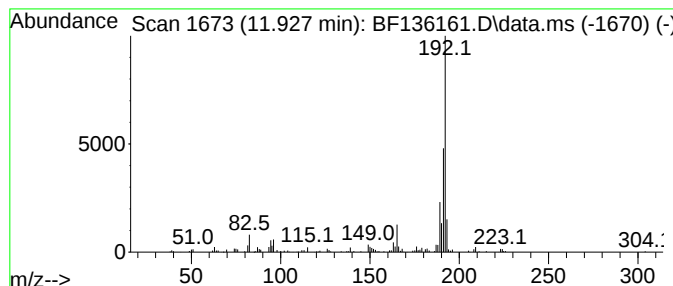
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	5.29 ng	142466	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

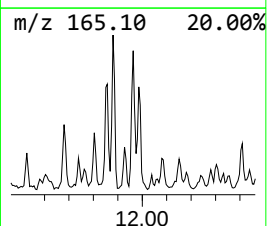
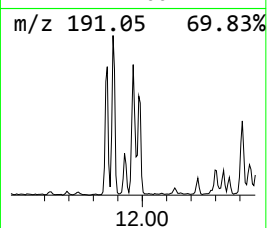
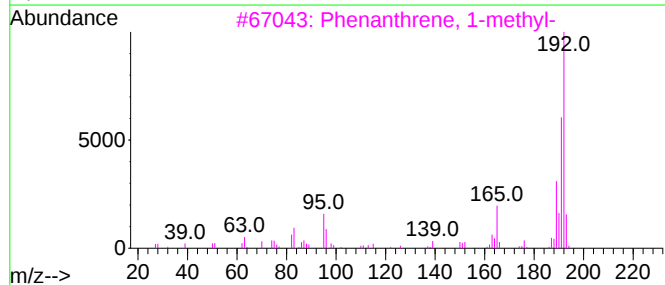
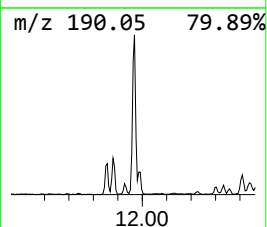
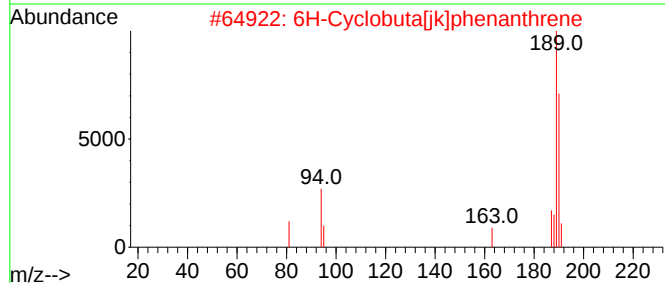
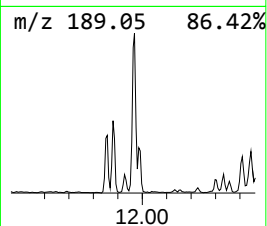
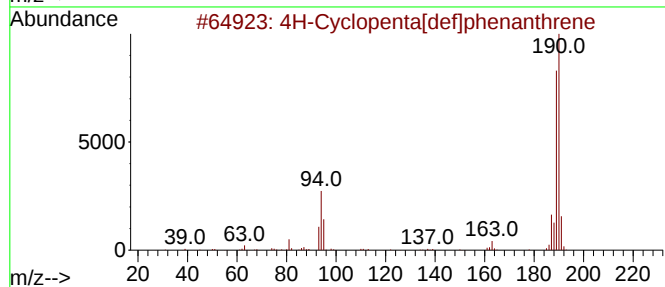
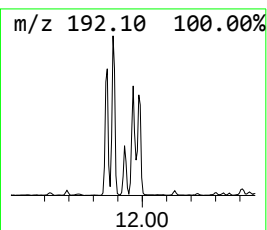
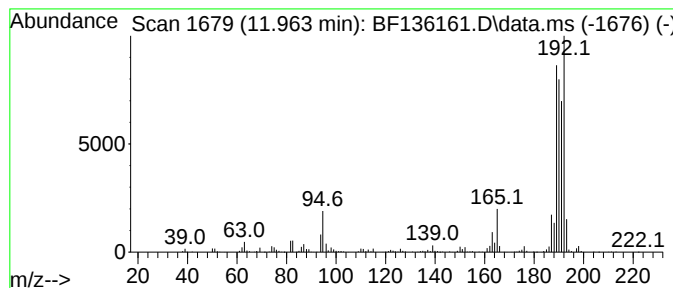
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	22.98 ng	618507	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

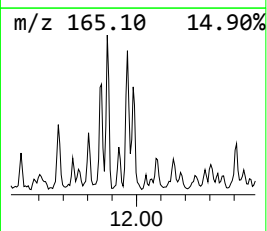
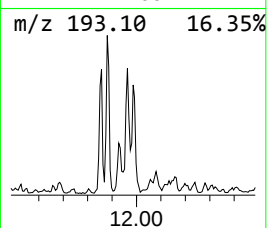
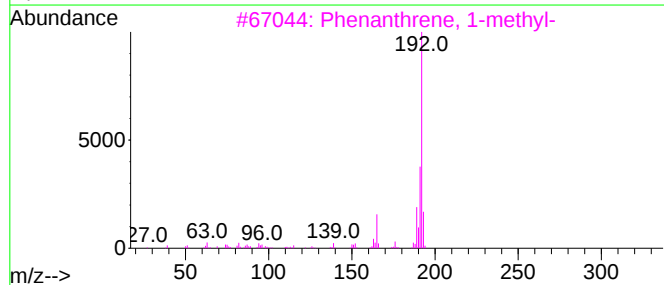
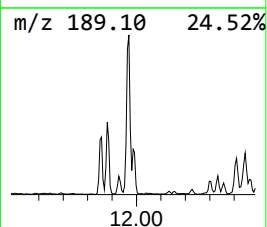
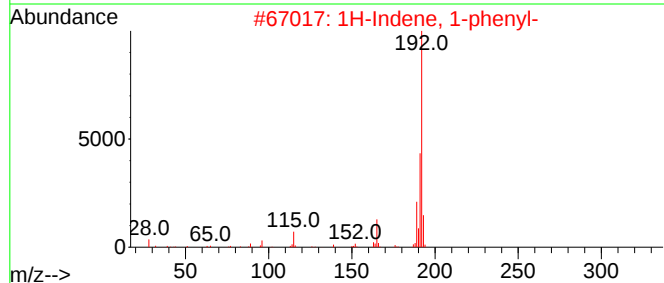
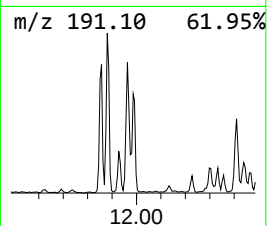
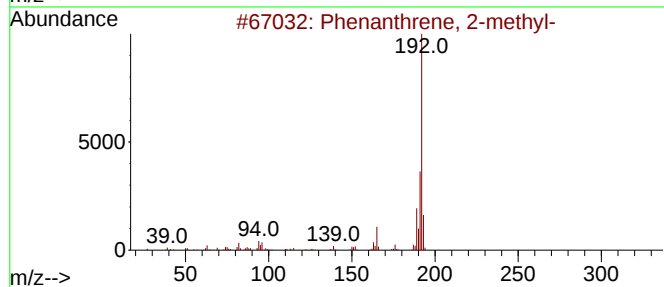
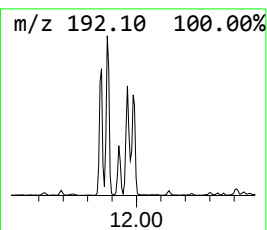
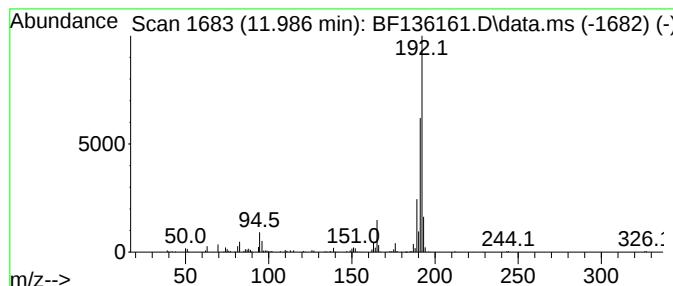
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1H-Indene, 1-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	8.71 ng	234457	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

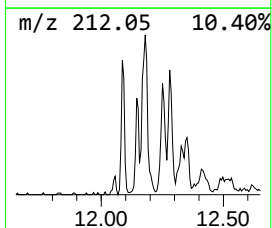
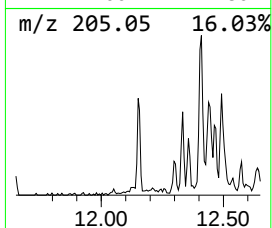
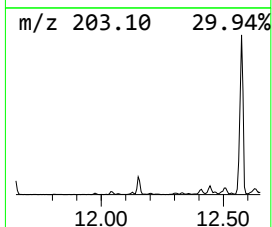
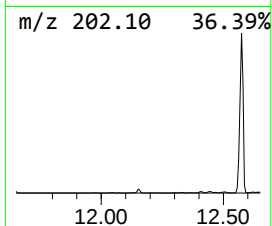
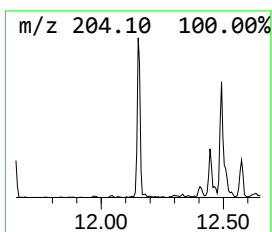
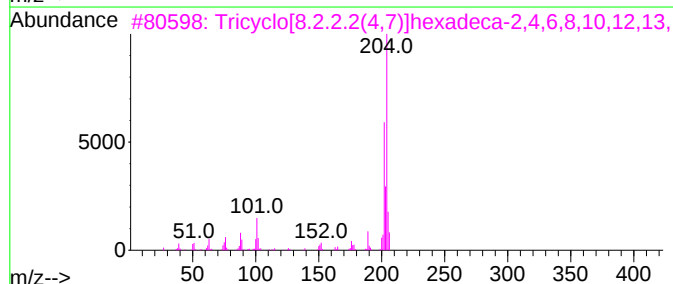
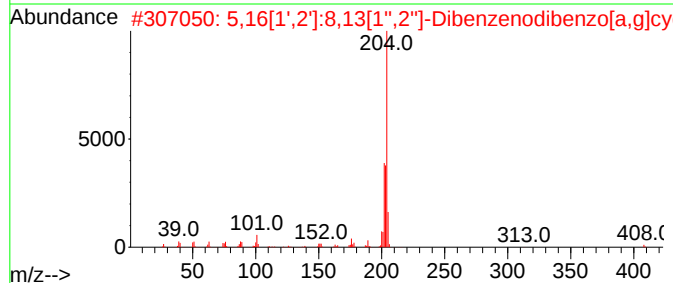
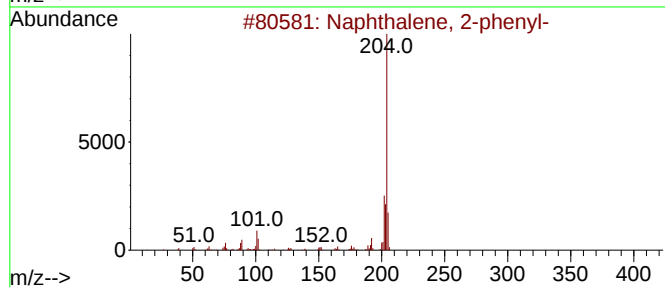
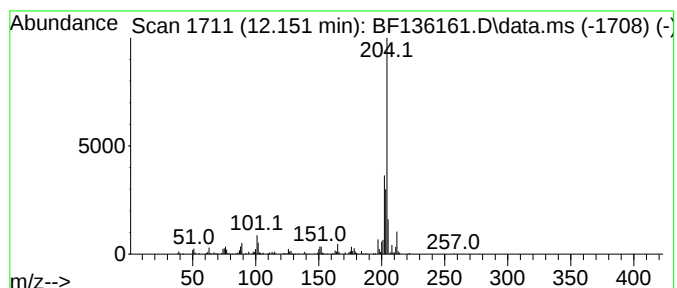
Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.151	8.17 ng	219956	Phenanthrene-d10	11.351	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

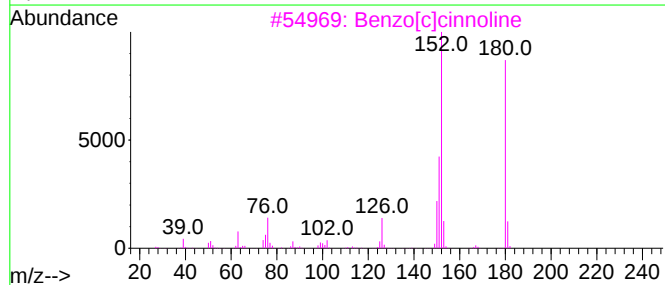
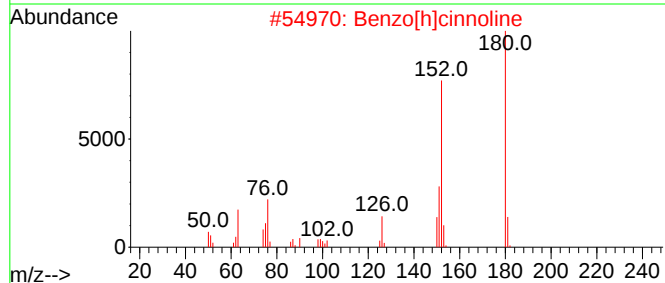
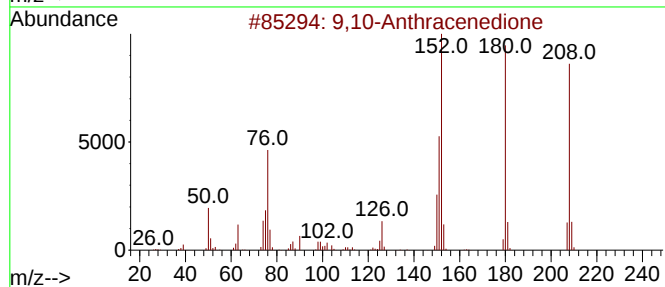
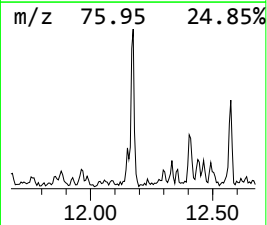
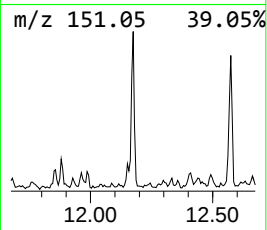
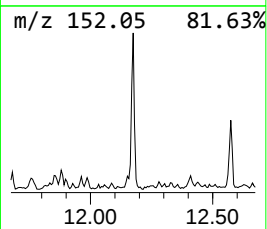
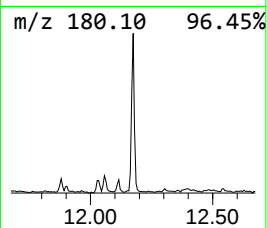
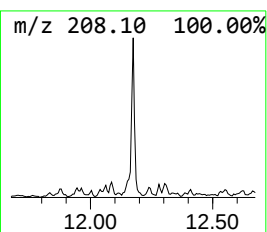
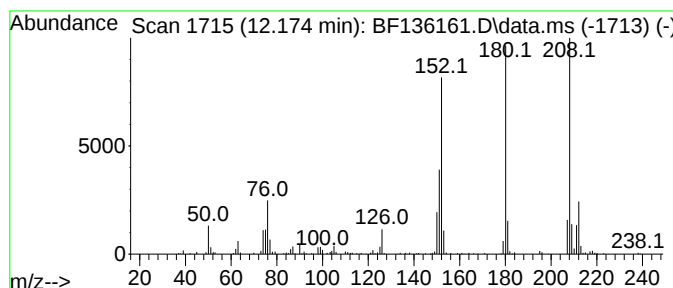
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.174	7.98 ng	214770	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	70
3	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	64
4	1,4-Anthracenedione			208	C14H8O2	000635-12-1	60
5	1H-Phenalen-1-one			180	C13H8O	000548-39-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

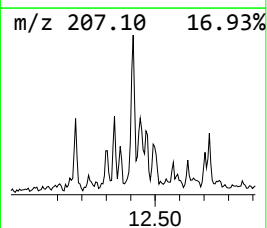
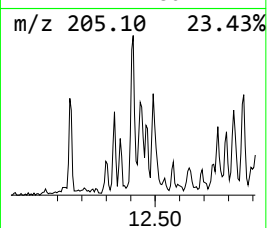
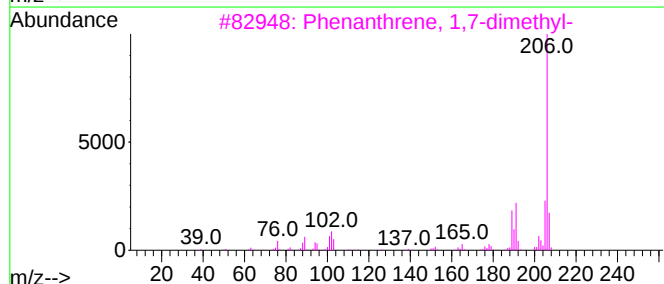
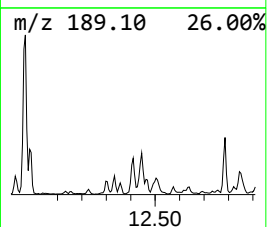
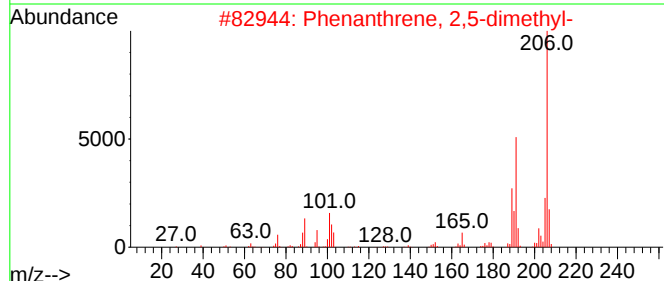
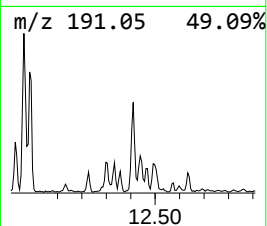
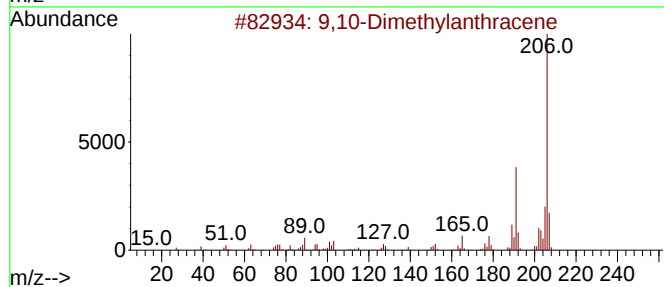
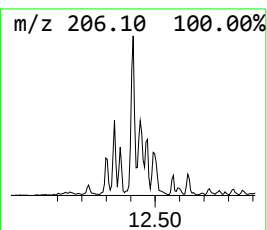
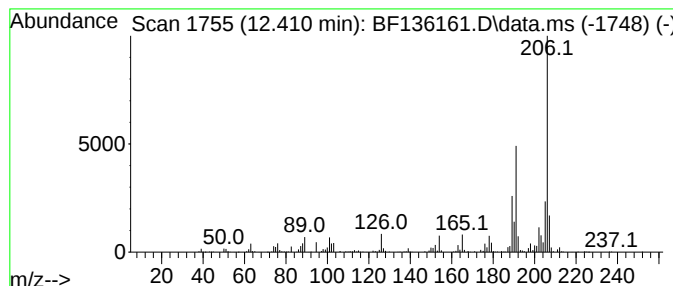
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	14.13 ng	380303	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

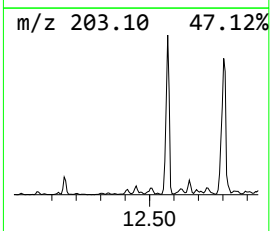
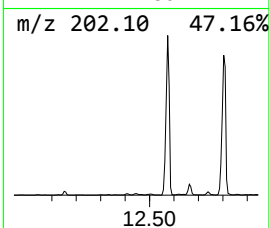
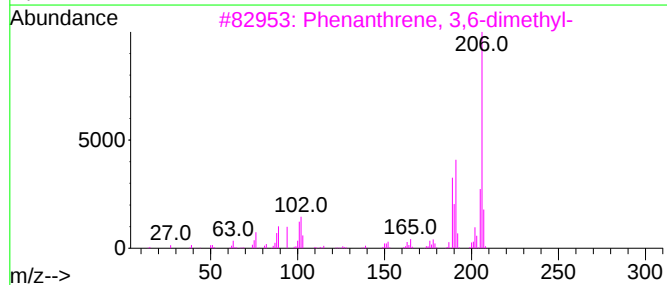
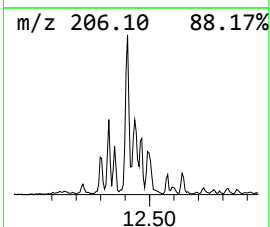
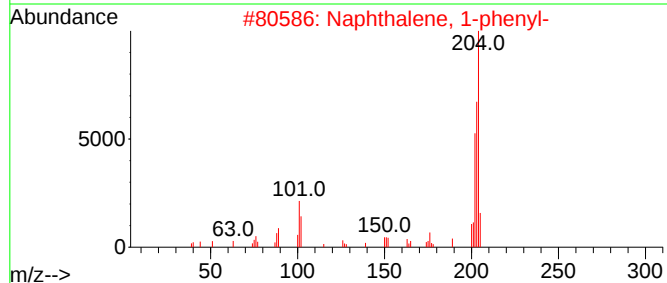
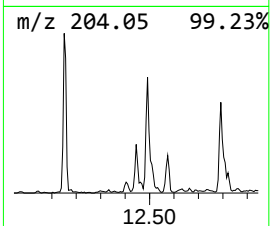
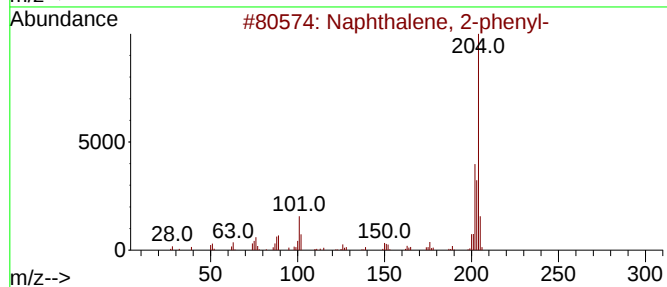
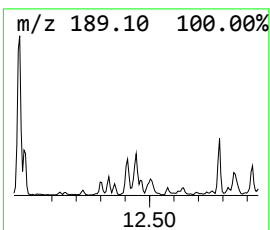
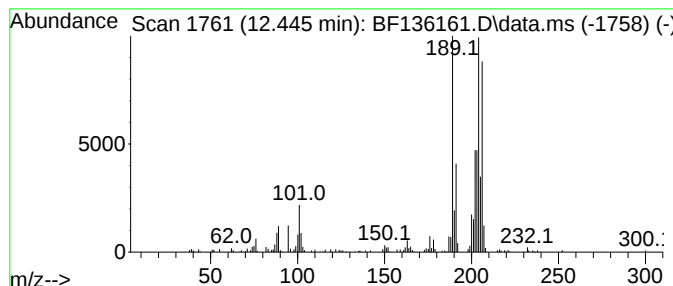
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.445 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	6.72 ng	180994	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
4			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
5			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

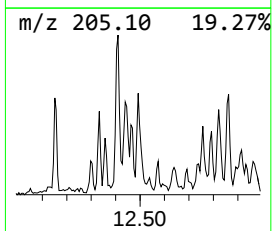
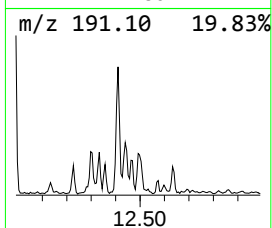
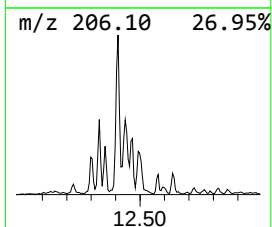
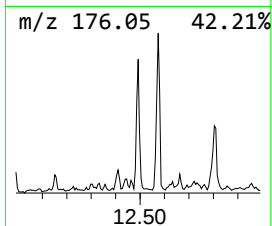
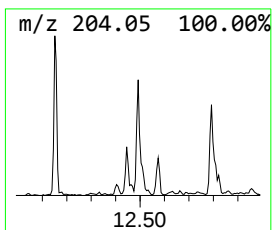
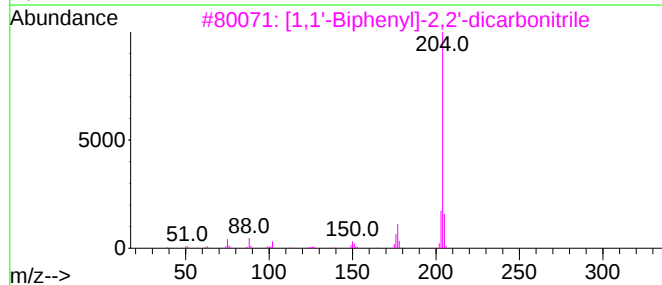
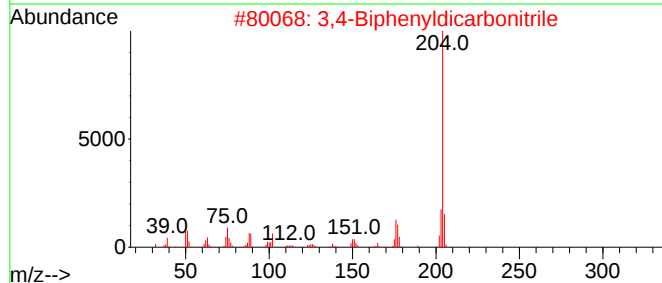
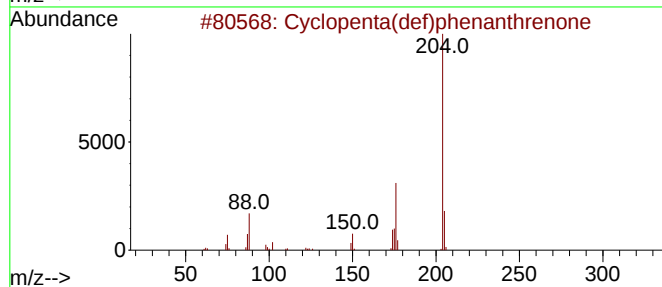
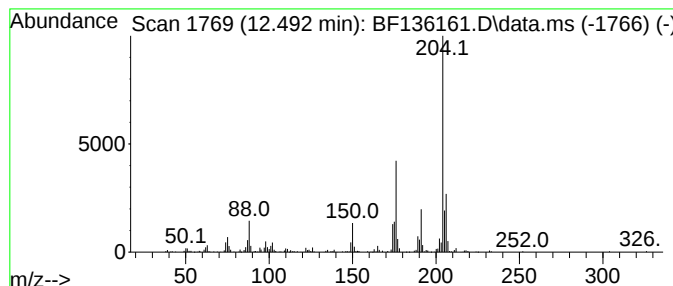
Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.492	8.69 ng	234058	Phenanthrene-d10		11.351	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	47
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

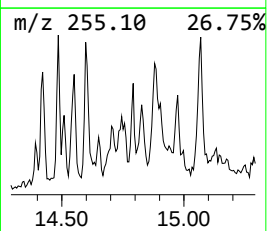
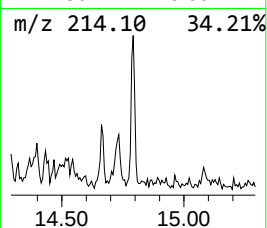
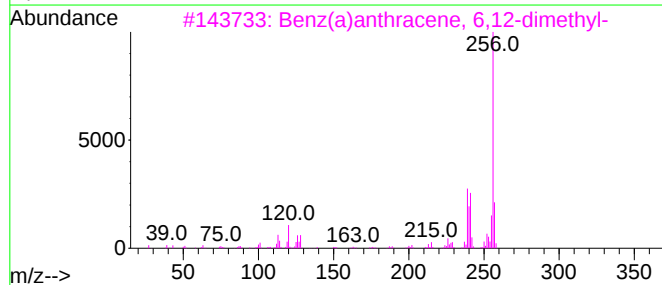
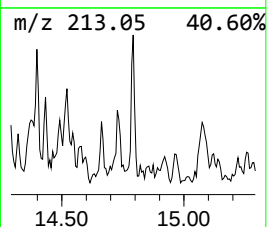
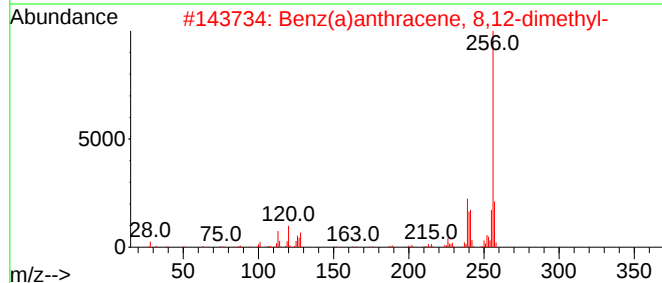
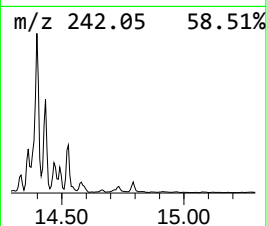
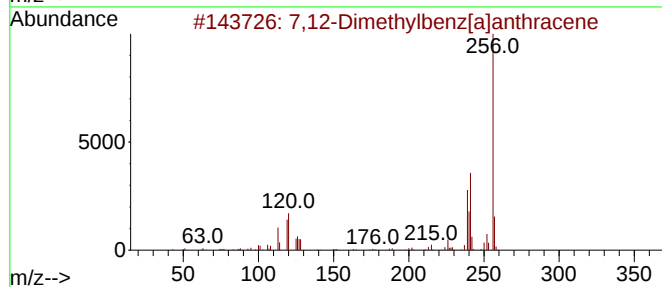
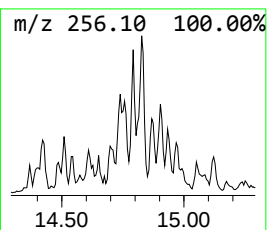
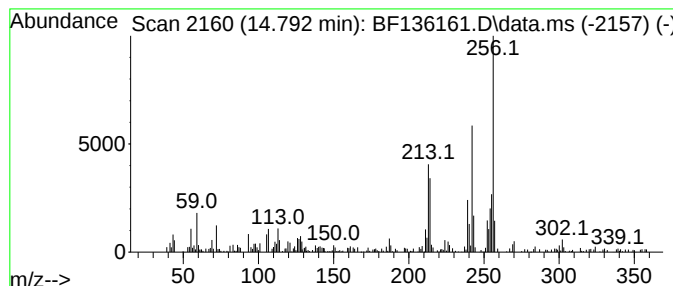
Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 7,12-Dimethylbenz[a]anthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.792	4.69 ng	107236	Perylene-d12	15.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dimethylbenz[a]anthracene	256	C20H16	000057-97-6	56
2	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	46
3	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	46
4	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	46
5	Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

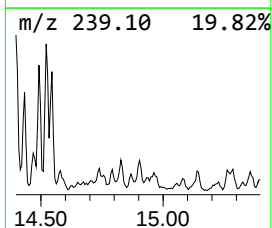
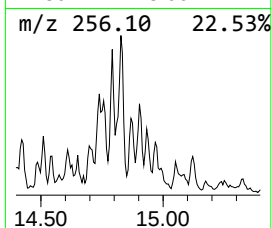
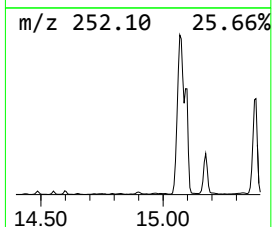
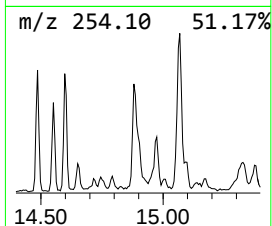
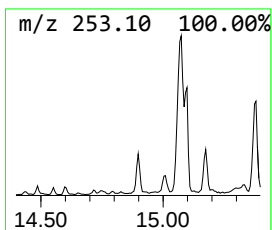
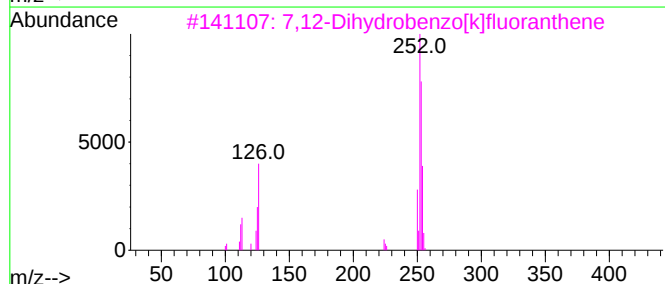
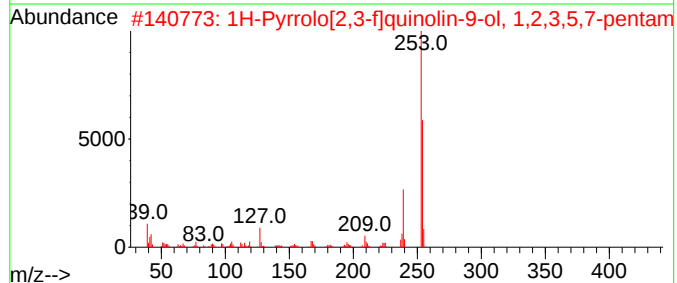
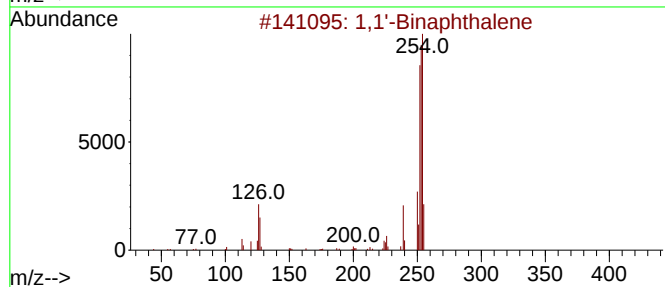
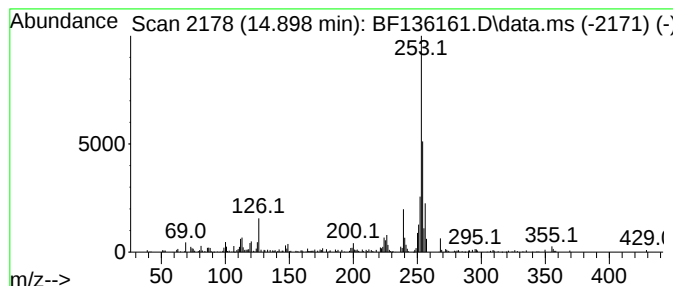
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Binaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	9.70 ng	221902	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2			1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	58
3			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	58
4			9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	53
5			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

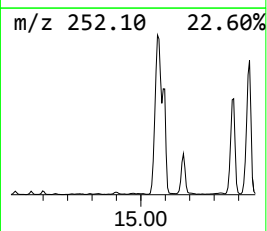
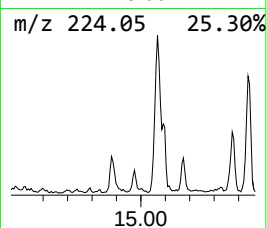
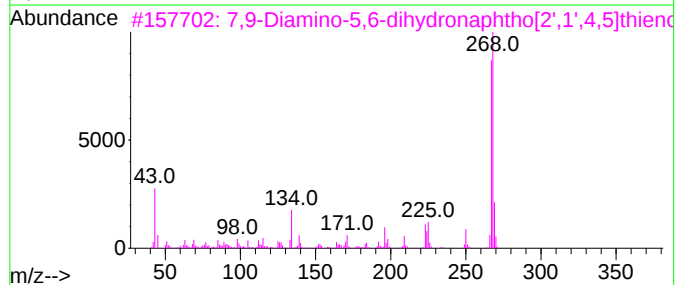
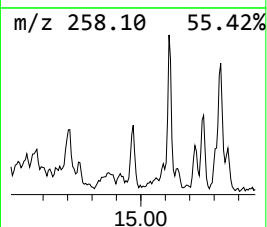
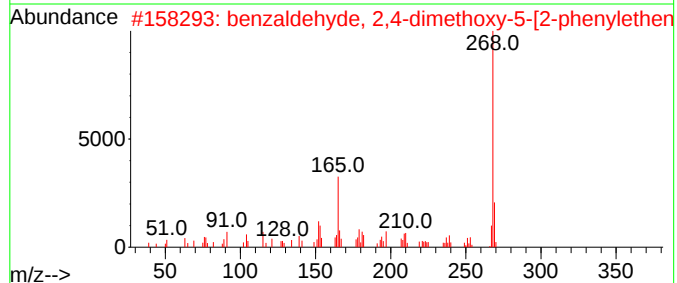
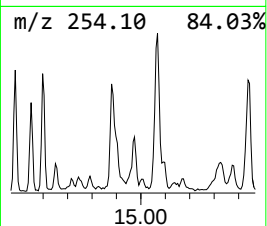
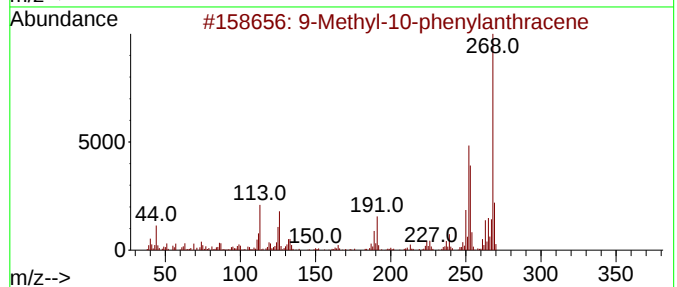
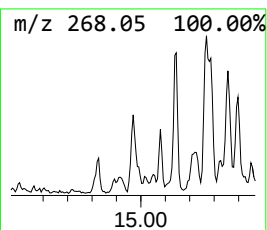
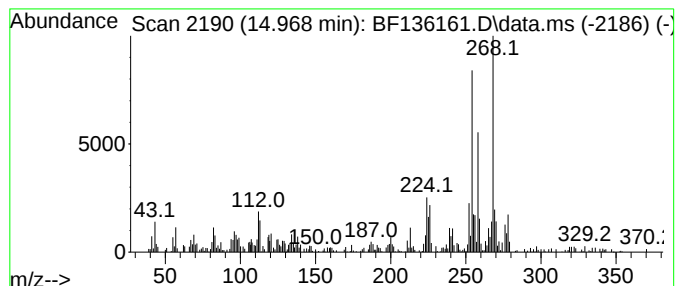
Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.968 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.968	6.72 ng	153698	Perylene-d12	15.504	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	38
2	benzaldehyde, 2,4-dimethoxy-5-[2...	268	C17H16O3	1000396-95-6	35
3	7,9-Diamino-5,6-dihydronaphtho[2...	268	C14H12N4S	037071-29-7	35
4	[1-Cyano-4,5-dihydronaphtho[2,1-...	268	C14H12N4S	037071-33-3	30
5	Phenol, 4,4'-cyclohexylidenebis-	268	C18H20O2	000843-55-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

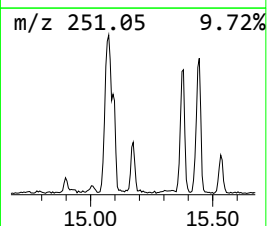
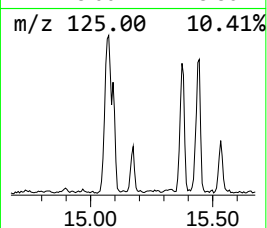
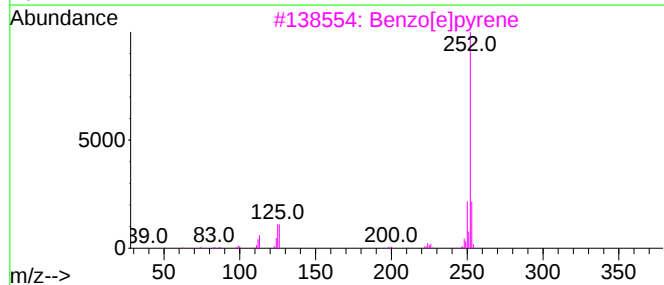
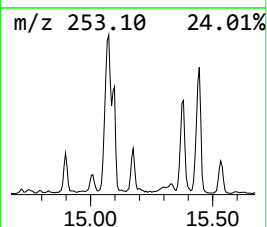
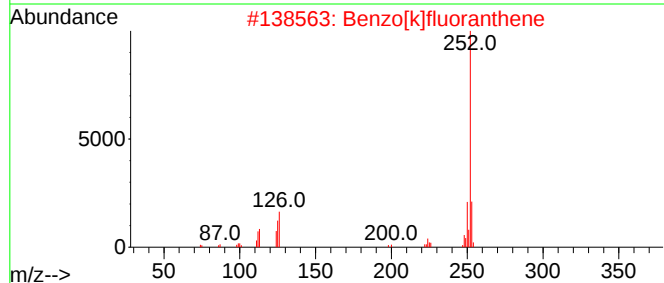
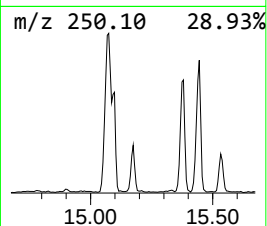
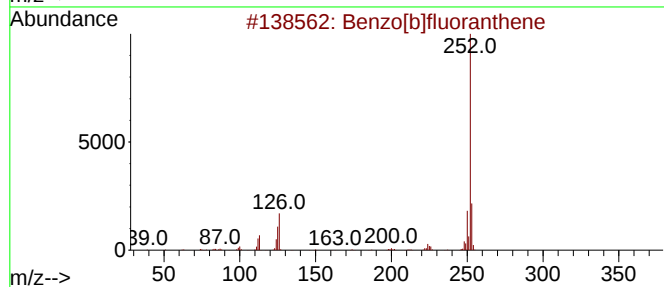
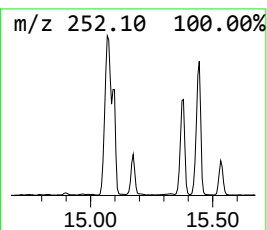
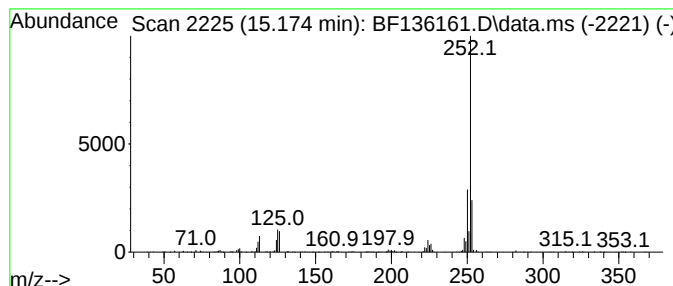
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	13.56 ng	310058	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[e]pyrene	252	C20H12	000192-97-2	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

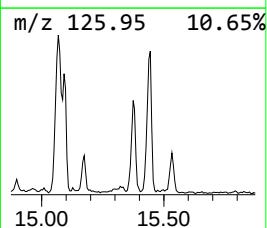
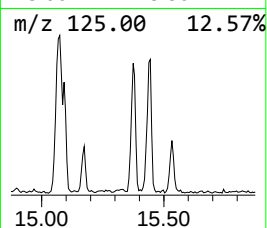
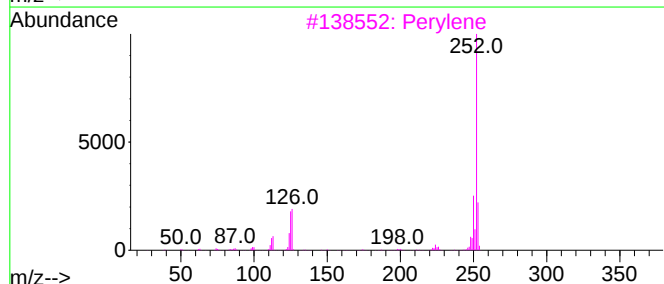
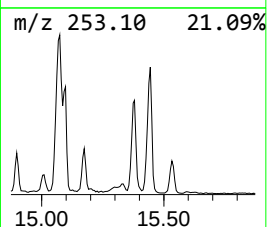
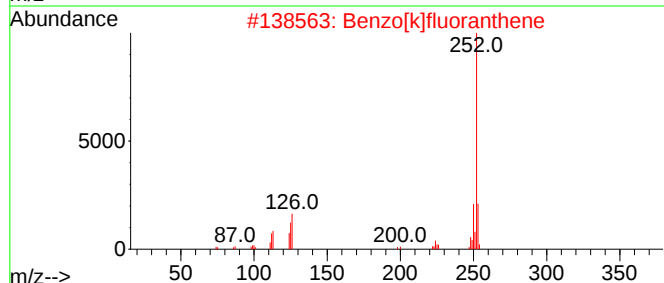
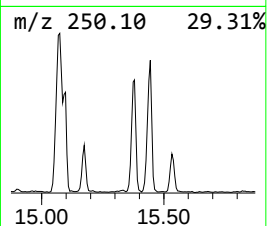
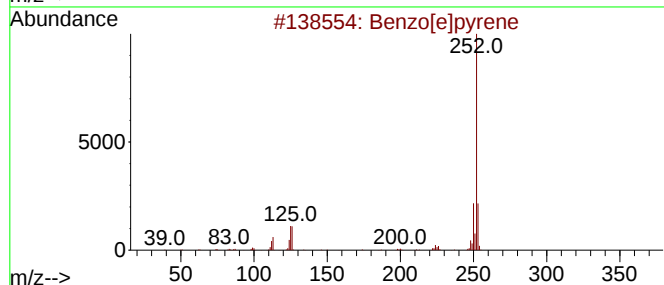
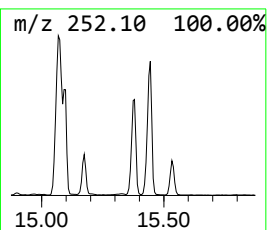
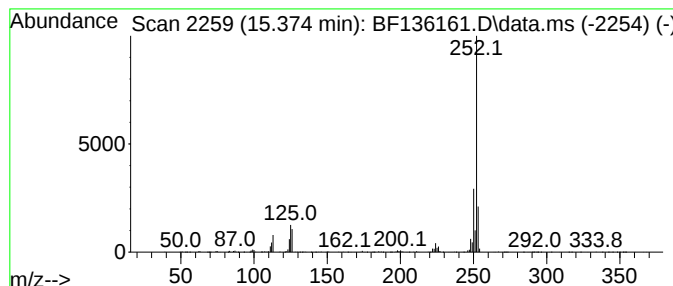
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	38.04 ng	869960	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

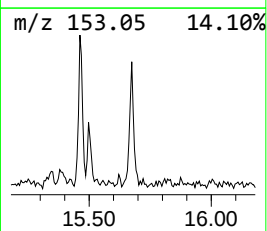
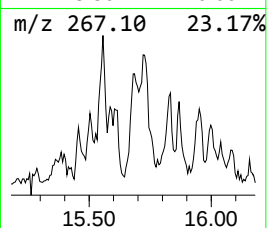
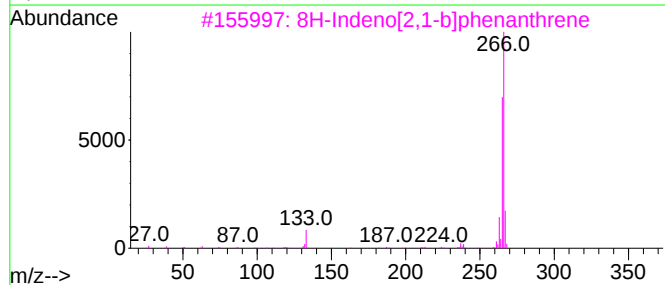
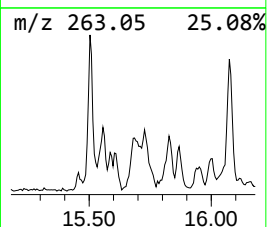
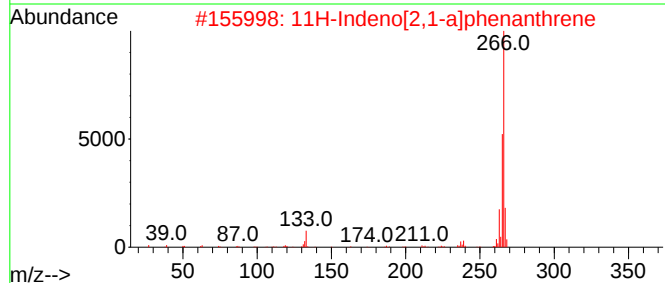
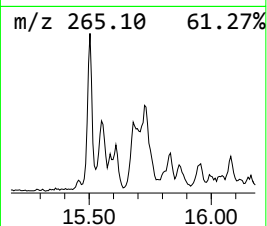
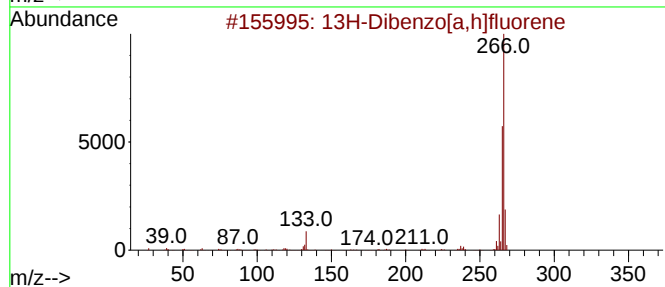
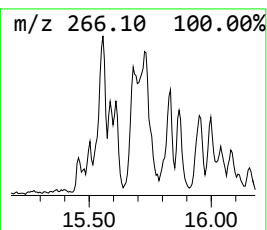
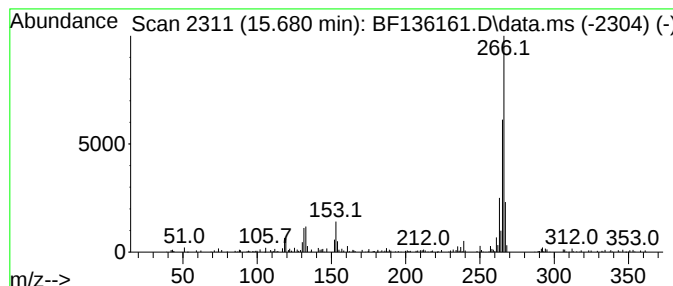
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13H-Dibenzo[a,h]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.680	6.25 ng	142969	Perylene-d12	15.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	76
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	70
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	68
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	68
5		10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

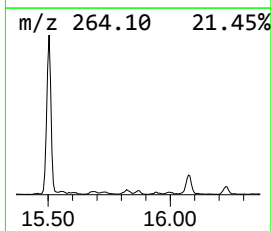
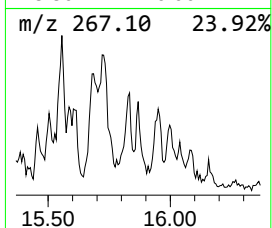
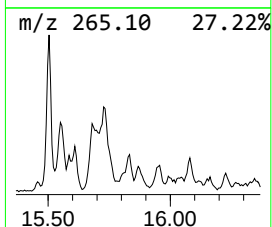
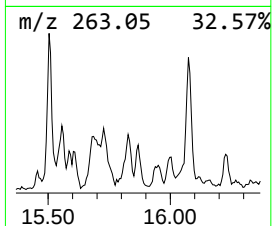
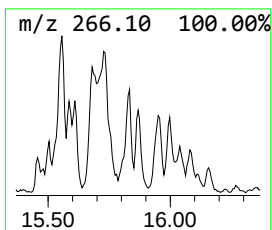
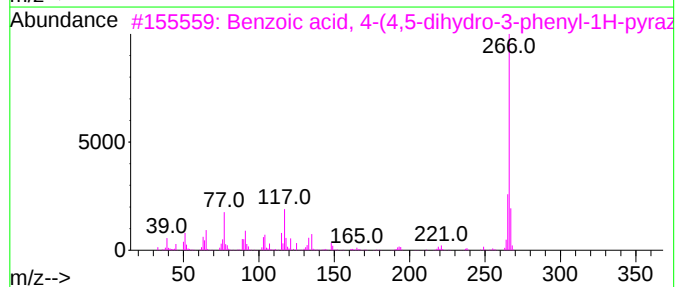
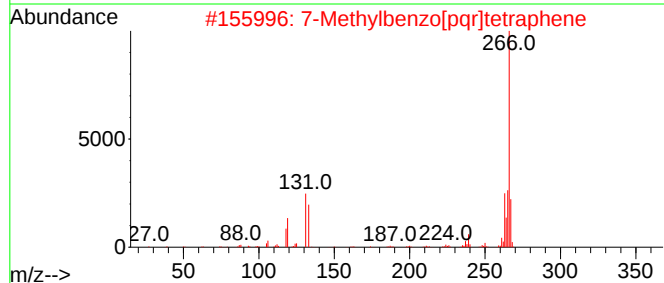
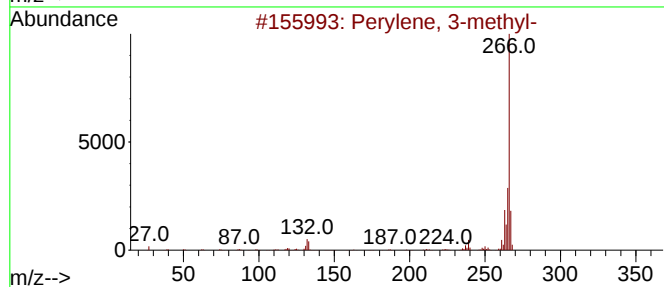
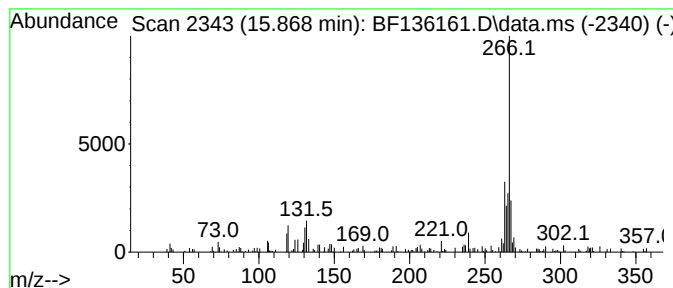
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.868	5.50 ng	125853	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene, 3-methyl-	266	C21H14	024471-47-4	76
2			7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	70
3			Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	58
4			(.+/-)-Uleine	266	C18H22N2	019775-50-9	53
5			10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

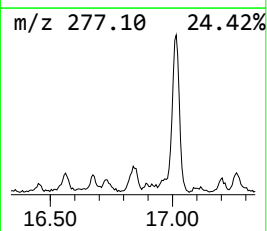
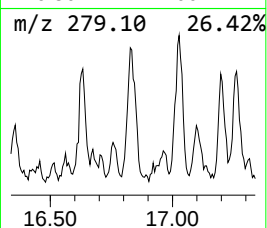
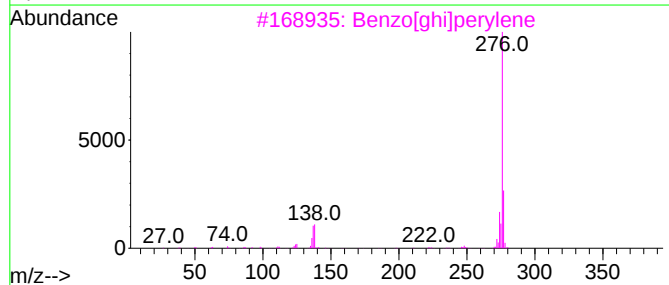
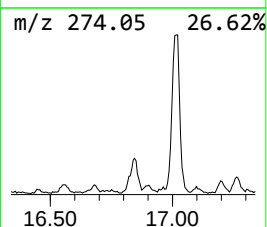
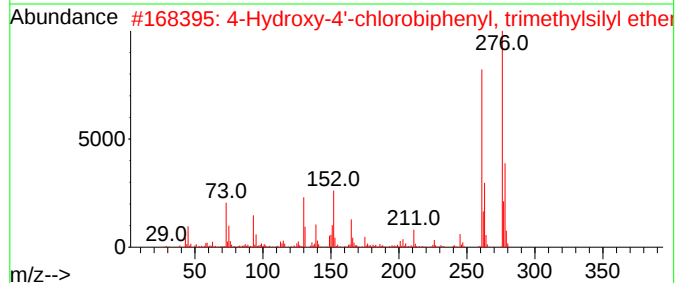
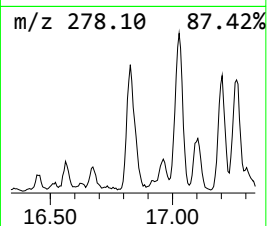
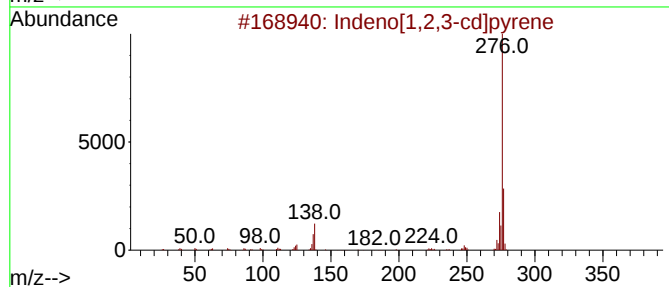
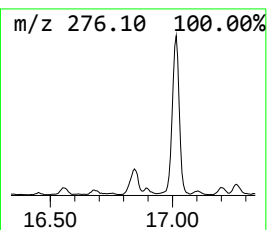
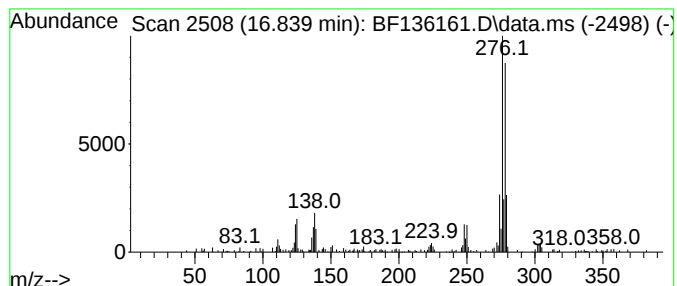
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.839 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.839	13.59 ng	310738	Perylene-d12	15.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
2		4-Hydroxy-4'-chlorobiphenyl, tri...	276	C15H17ClOSi	1010447-63-1	43
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	41
4		Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	38
5		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

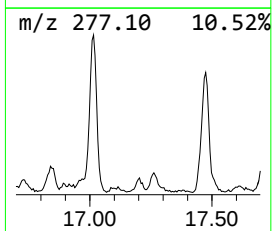
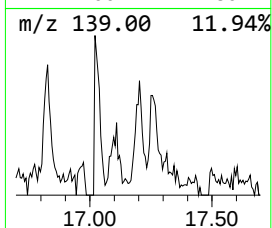
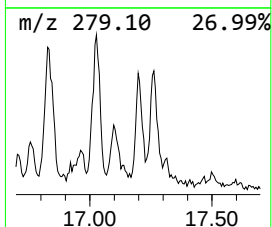
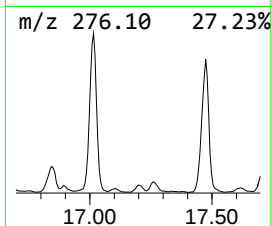
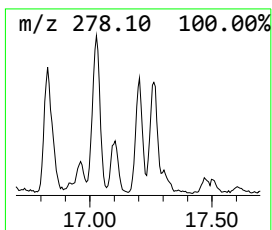
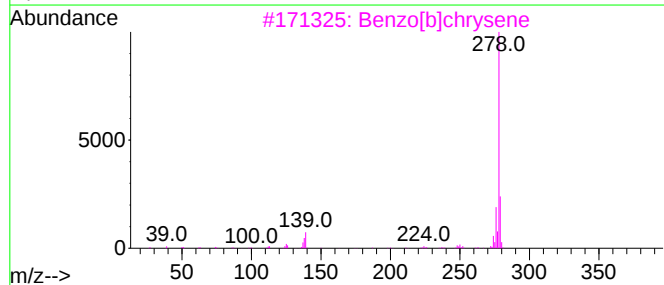
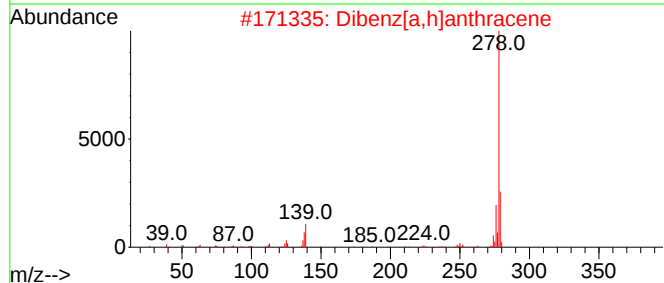
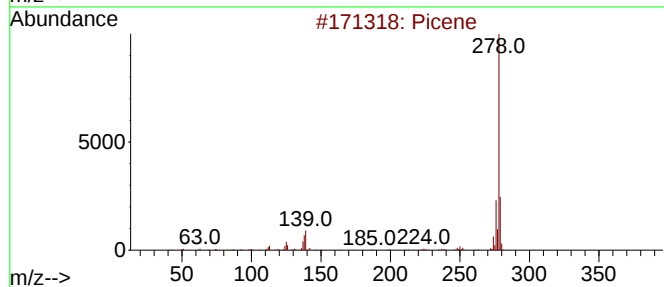
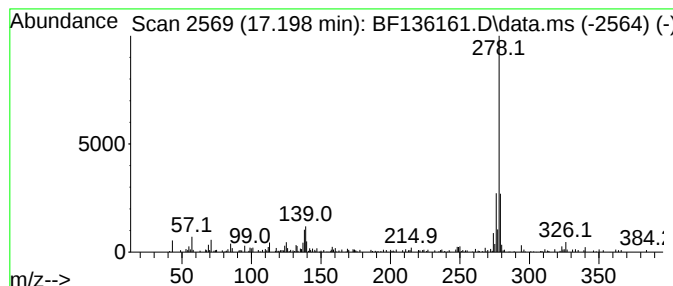
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	6.49 ng	148349	Perylene-d12	15.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Picene	278	C22H14	000213-46-7	97
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3		Benzo[b]chrysene	278	C22H14	000214-17-5	96
4		Pentaphene	278	C22H14	000222-93-5	93
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136161.D
Acq On : 06 Nov 2023 18:29
Operator : CG\JU
Sample : 05257-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.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
9H-Fluorene, 1-...	10.957	4.7	ng	126781	4	11.351	538375	20.0
Phenanthrene, 2...	11.857	13.8	ng	371066	4	11.351	538375	20.0
Anthracene, 2-m...	11.880	20.0	ng	538120	4	11.351	538375	20.0
Phenanthrene, 1...	11.927	5.3	ng	142466	4	11.351	538375	20.0
4H-Cyclopenta[d...	11.963	23.0	ng	618507	4	11.351	538375	20.0
1H-Indene, 1-ph...	11.986	8.7	ng	234457	4	11.351	538375	20.0
Naphthalene, 2-...	12.151	8.2	ng	219956	4	11.351	538375	20.0
9,10-Anthracene...	12.174	8.0	ng	214770	4	11.351	538375	20.0
9,10-Dimethylan...	12.410	14.1	ng	380303	4	11.351	538375	20.0
unknown12.445	12.445	6.7	ng	180994	4	11.351	538375	20.0
Cyclopenta(def)...	12.492	8.7	ng	234058	4	11.351	538375	20.0
7,12-Dimethylbe...	14.792	4.7	ng	107236	6	15.504	457336	20.0
1,1'-Binaphthalene	14.898	9.7	ng	221902	6	15.504	457336	20.0
unknown14.968	14.968	6.7	ng	153698	6	15.504	457336	20.0
Benzo[e]pyrene	15.174	13.6	ng	310058	6	15.504	457336	20.0
Perylene	15.374	38.0	ng	869960	6	15.504	457336	20.0
13H-Dibenzo[a,h...	15.680	6.3	ng	142969	6	15.504	457336	20.0
Perylene, 3-met...	15.868	5.5	ng	125853	6	15.504	457336	20.0
unknown16.839	16.839	13.6	ng	310738	6	15.504	457336	20.0
Picene	17.198	6.5	ng	148349	6	15.504	457336	20.0