

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133817.D
 Acq On : 16 Jun 2023 20:49
 Operator : CG\JU
 Sample : 03214-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HYATT-PIPE-TP

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	17	rVB	115171	158625	15.64%	0.905%
2	5.487	575	578	592	rVB	465861	473137	46.64%	2.698%
3	6.492	745	749	762	rVB	497095	497328	49.03%	2.836%
4	6.698	779	784	789	rBV2	50953	71522	7.05%	0.408%
5	6.863	808	812	819	rBV	585817	464038	45.75%	2.646%
6	7.422	903	907	911	rBV	318487	289856	28.58%	1.653%
7	7.716	955	957	962	rVB	115526	104004	10.25%	0.593%
8	8.139	1026	1029	1032	rBV	624424	568936	56.09%	3.244%
9	8.163	1032	1033	1037	rVB	217276	115970	11.43%	0.661%
10	8.357	1062	1066	1070	rBV	108640	88764	8.75%	0.506%
11	8.416	1073	1076	1083	rVB	117459	105301	10.38%	0.600%
12	8.857	1147	1151	1154	rVB2	238990	211874	20.89%	1.208%
13	8.951	1164	1167	1171	rVB	116552	100522	9.91%	0.573%
14	9.216	1208	1212	1217	rBV	790401	590320	58.20%	3.366%
15	9.298	1222	1226	1228	rBV	82704	84383	8.32%	0.481%
16	9.410	1243	1245	1251	rVB2	32293	47061	4.64%	0.268%
17	9.486	1251	1258	1261	rBV2	85806	125392	12.36%	0.715%
18	9.557	1266	1270	1272	rVV2	85947	92664	9.14%	0.528%
19	9.580	1272	1274	1276	rVV	69301	59012	5.82%	0.337%
20	9.604	1276	1278	1279	rVV	130399	102061	10.06%	0.582%
21	9.622	1279	1281	1285	rVV2	130283	119916	11.82%	0.684%
22	9.674	1285	1290	1295	rVB2	46493	57953	5.71%	0.330%
23	9.757	1301	1304	1308	rBV	372423	348390	34.35%	1.987%
24	9.810	1310	1313	1314	rVV	70126	55731	5.49%	0.318%
25	9.827	1314	1316	1318	rVB	66581	42201	4.16%	0.241%
26	9.898	1325	1328	1332	rVB	697501	545672	53.80%	3.112%
27	10.004	1343	1346	1350	rVB2	38941	48214	4.75%	0.275%
28	10.057	1350	1355	1358	rBV5	32709	57514	5.67%	0.328%
29	10.098	1358	1362	1367	rVB2	46027	60143	5.93%	0.343%
30	10.139	1367	1369	1374	rBV3	46953	45004	4.44%	0.257%
31	10.210	1378	1381	1384	rBV2	77920	97792	9.64%	0.558%
32	10.304	1393	1397	1399	rBV3	72469	79763	7.86%	0.455%
33	10.327	1399	1401	1403	rVB2	108731	74320	7.33%	0.424%
34	10.351	1403	1405	1409	rBV	62576	64319	6.34%	0.367%
35	10.463	1422	1424	1428	rVB2	44620	47805	4.71%	0.273%
36	10.551	1435	1439	1444	rVB3	65727	94403	9.31%	0.538%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133817.D
 Acq On : 16 Jun 2023 20:49
 Operator : CG\JU
 Sample : 03214-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HYATT-PIPE-TP

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-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.610	1445	1449	1451	rVV3	52012	59255	5.84%	0.338%
38	10.686	1457	1462	1466	rBV	389572	348367	34.34%	1.987%
39	10.816	1479	1484	1491	rVB2	213193	276072	27.22%	1.574%
40	10.998	1511	1515	1517	rBV3	37507	49632	4.89%	0.283%
41	11.198	1546	1549	1552	rVV3	44327	41386	4.08%	0.236%
42	11.257	1556	1559	1561	rVV	97505	86250	8.50%	0.492%
43	11.286	1561	1564	1571	rVB	124512	128291	12.65%	0.732%
44	11.392	1578	1582	1584	rBV	659126	545385	53.77%	3.110%
45	11.416	1584	1586	1592	rVB	219510	188258	18.56%	1.074%
46	11.468	1592	1595	1597	rVB	87038	74353	7.33%	0.424%
47	11.498	1597	1600	1604	rBV3	49272	68941	6.80%	0.393%
48	11.633	1619	1623	1625	rBV5	38567	56772	5.60%	0.324%
49	11.686	1630	1632	1635	rVV2	118961	97971	9.66%	0.559%
50	11.721	1636	1638	1644	rVB	85380	79851	7.87%	0.455%
51	11.804	1650	1652	1656	rVB	52849	60223	5.94%	0.343%
52	11.898	1665	1668	1670	rBV	150010	143191	14.12%	0.817%
53	11.921	1670	1672	1678	rVB	219294	202347	19.95%	1.154%
54	11.974	1678	1681	1683	rBV	72168	76464	7.54%	0.436%
55	12.004	1683	1686	1689	rVV2	207866	239643	23.63%	1.367%
56	12.033	1689	1691	1695	rVB	127254	108044	10.65%	0.616%
57	12.098	1699	1702	1705	rVV	83684	81047	7.99%	0.462%
58	12.127	1705	1707	1710	rVB2	62364	50349	4.96%	0.287%
59	12.192	1715	1718	1720	rVV2	90227	83976	8.28%	0.479%
60	12.221	1720	1723	1729	rVB2	83499	112113	11.05%	0.639%
61	12.321	1738	1740	1742	rBV	52618	53061	5.23%	0.303%
62	12.345	1742	1744	1746	rVV	86571	73588	7.25%	0.420%
63	12.374	1746	1749	1751	rVV	142917	124471	12.27%	0.710%
64	12.398	1751	1753	1756	rVB	104197	80050	7.89%	0.456%
65	12.451	1758	1762	1765	rBV	288235	295432	29.13%	1.685%
66	12.486	1765	1768	1770	rVV2	215749	219939	21.68%	1.254%
67	12.504	1770	1771	1774	rVB	90009	62067	6.12%	0.354%
68	12.533	1774	1776	1780	rBV3	125930	132978	13.11%	0.758%
69	12.610	1786	1789	1792	rBV	413574	356441	35.14%	2.033%
70	12.657	1794	1797	1799	rBV	75992	68795	6.78%	0.392%
71	12.710	1803	1806	1808	rBV	110678	100683	9.93%	0.574%
72	12.768	1813	1816	1818	rBV2	59476	61908	6.10%	0.353%
73	12.845	1825	1829	1835	rVV	968269	1014338	100.00%	5.784%
74	12.898	1835	1838	1842	rVB2	154865	170634	16.82%	0.973%
75	12.986	1850	1853	1860	rVB	621436	653386	64.42%	3.726%
76	13.062	1862	1866	1873	rBV3	132751	230058	22.68%	1.312%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133817.D
 Acq On : 16 Jun 2023 20:49
 Operator : CG\JU
 Sample : 03214-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HYATT-PIPE-TP

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-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.115	1873	1875	1878	rBV3	63412	58776	5.79%	0.335%
78	13.151	1878	1881	1883	rBV3	115762	160784	15.85%	0.917%
79	13.221	1890	1893	1895	rBV	80196	72729	7.17%	0.415%
80	13.280	1900	1903	1907	rVB	247260	221294	21.82%	1.262%
81	13.368	1916	1918	1921	rVB	216195	181728	17.92%	1.036%
82	13.404	1921	1924	1927	rVV	184979	175989	17.35%	1.004%
83	13.433	1927	1929	1933	rVB3	80255	89006	8.77%	0.508%
84	13.686	1969	1972	1976	rVB	125589	144158	14.21%	0.822%
85	13.745	1980	1982	1985	rVB	80545	64501	6.36%	0.368%
86	13.786	1986	1989	1990	rBV2	96487	105420	10.39%	0.601%
87	13.851	1998	2000	2001	rBV	57536	42274	4.17%	0.241%
88	13.898	2005	2008	2011	rVB2	111884	110219	10.87%	0.629%
89	14.045	2029	2033	2036	rBV2	575180	780331	76.93%	4.450%
90	14.074	2036	2038	2044	rVB	269806	264240	26.05%	1.507%
91	14.139	2046	2049	2053	rBV3	90645	123430	12.17%	0.704%
92	14.439	2098	2100	2103	rVB	151279	124716	12.30%	0.711%
93	14.474	2103	2106	2109	rBV	94404	82549	8.14%	0.471%
94	14.562	2119	2121	2124	rBV2	77807	64800	6.39%	0.370%
95	15.115	2211	2215	2222	rVB	154468	278700	27.48%	1.589%
96	15.427	2265	2268	2275	rVB	166124	199229	19.64%	1.136%
97	15.492	2275	2279	2285	rVB	214527	290520	28.64%	1.657%
98	15.562	2286	2291	2294	rBV	234501	302499	29.82%	1.725%
99	17.103	2550	2553	2561	rVB2	81893	163614	16.13%	0.933%
100	17.580	2629	2634	2646	rVB	137366	289048	28.50%	1.648%

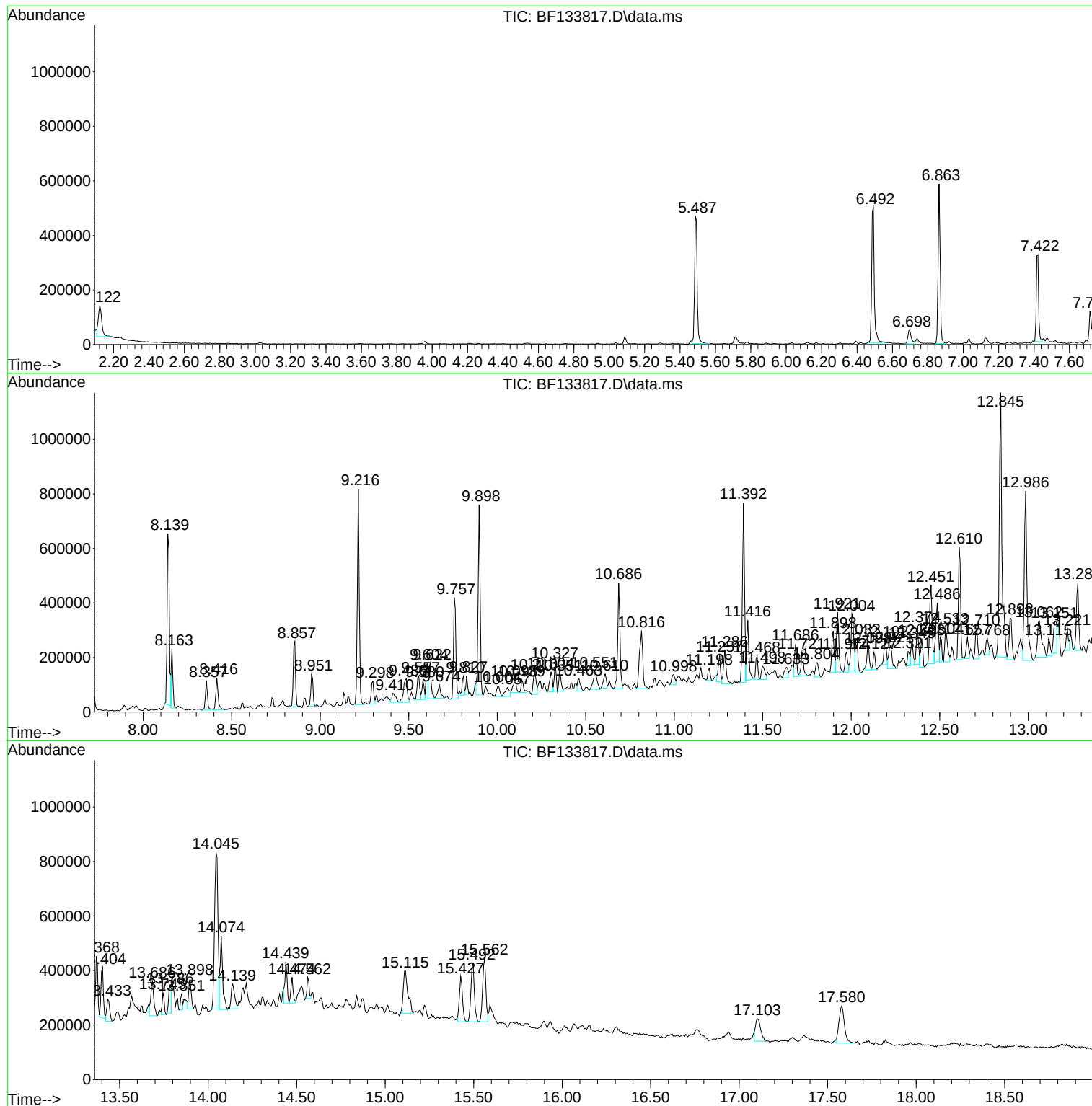
Sum of corrected areas: 17536474

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

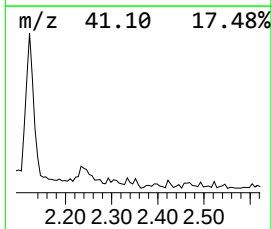
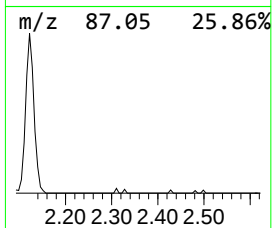
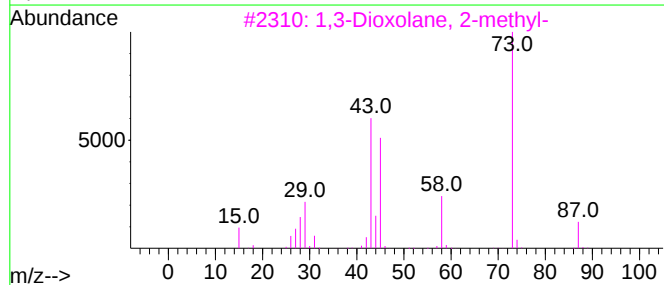
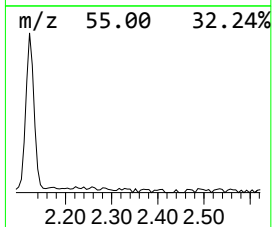
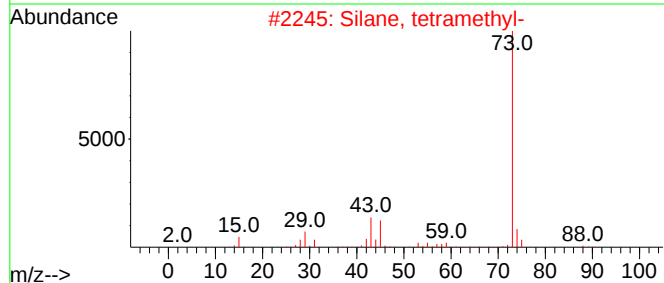
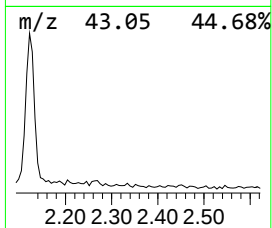
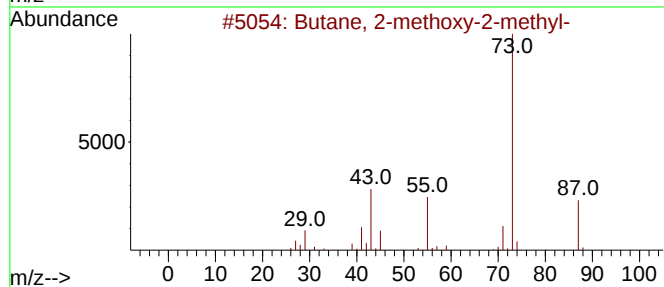
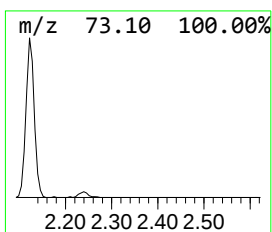
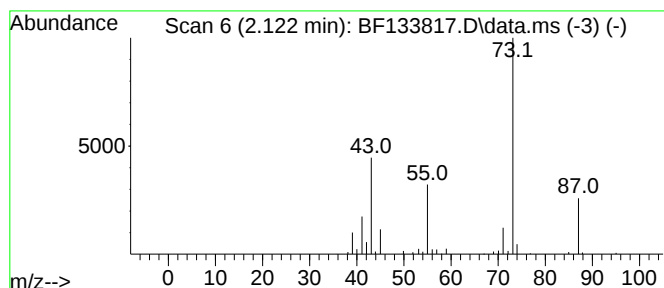
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	6.84 ng	158625	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

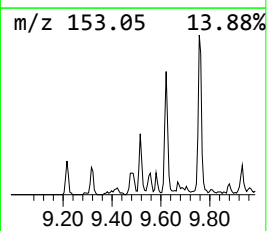
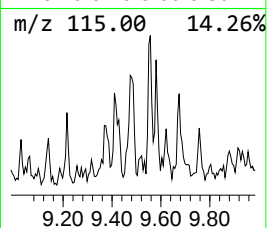
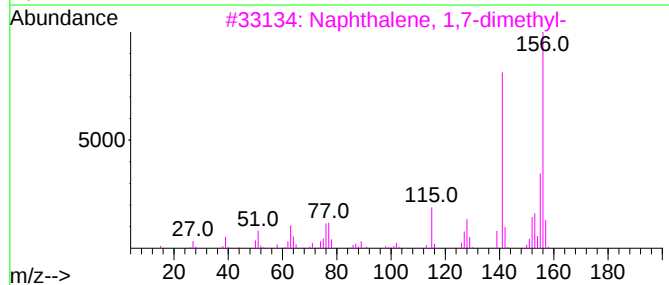
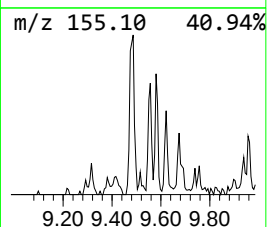
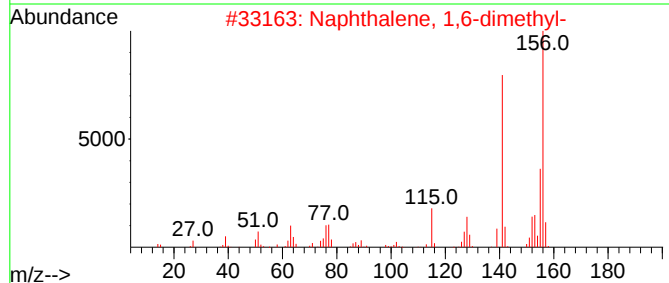
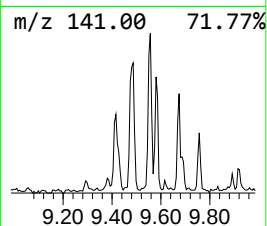
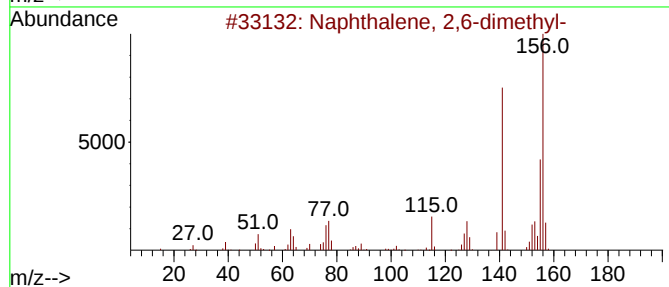
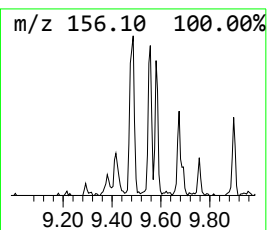
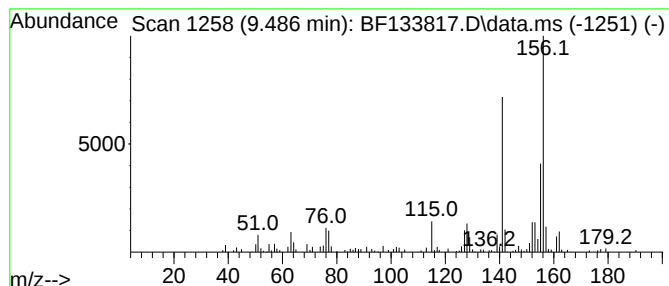
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.60 ng	125392	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

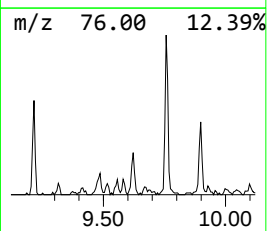
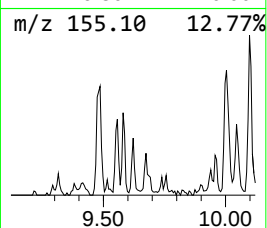
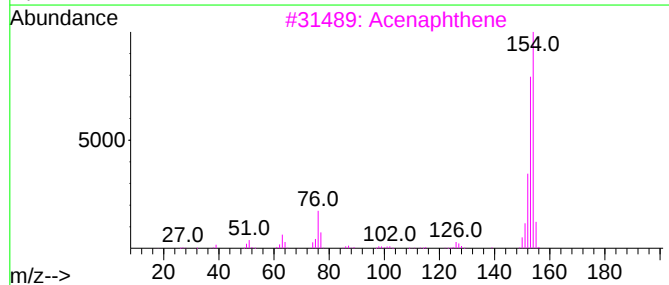
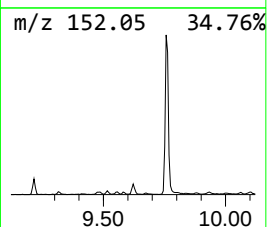
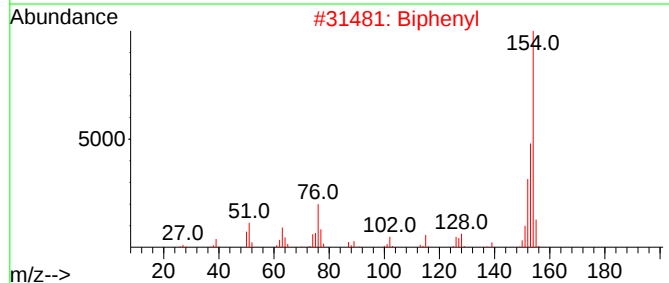
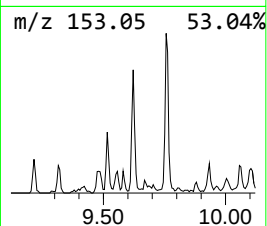
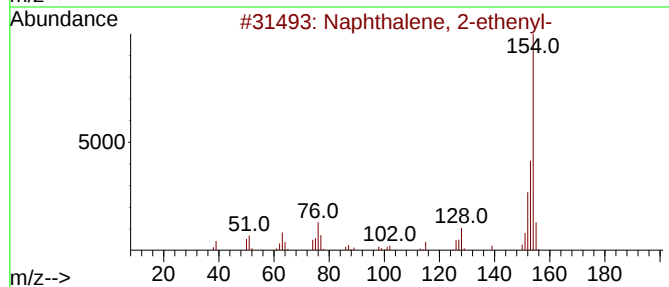
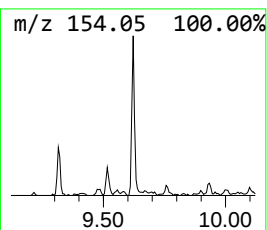
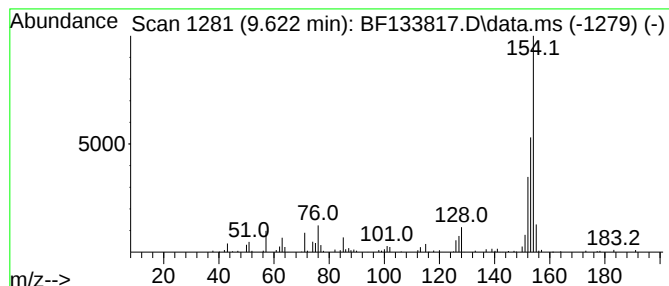
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	4.40 ng	119916	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
2			Biphenyl	154	C12H10	000092-52-4	87
3			Acenaphthene	154	C12H10	000083-32-9	76
4			1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	47
5			Propanedinitrile, 2,4,6-cyclohep...	154	C10H6N2	002860-54-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

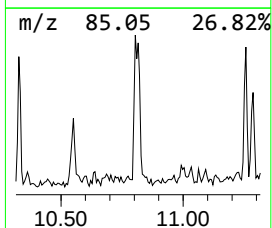
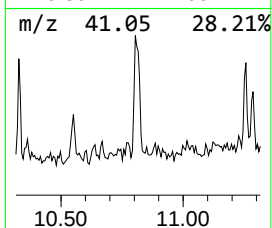
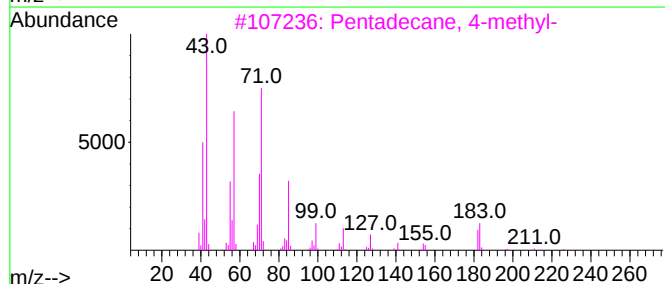
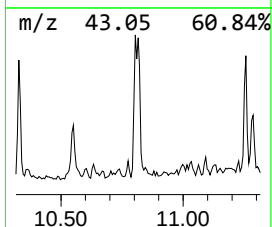
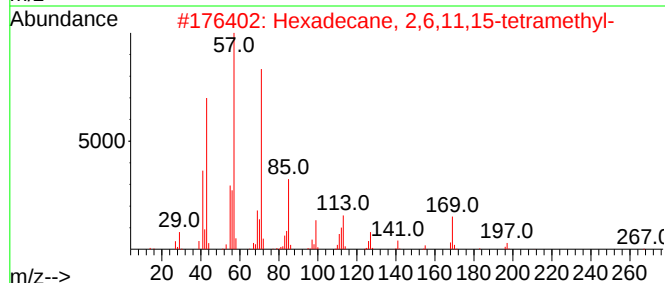
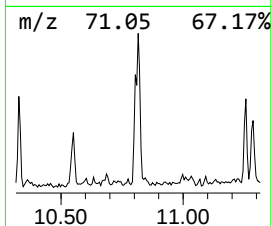
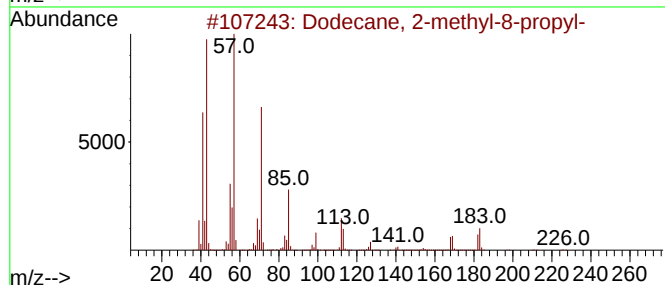
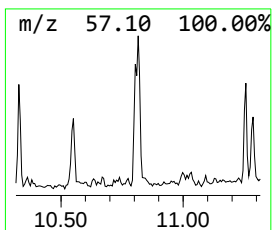
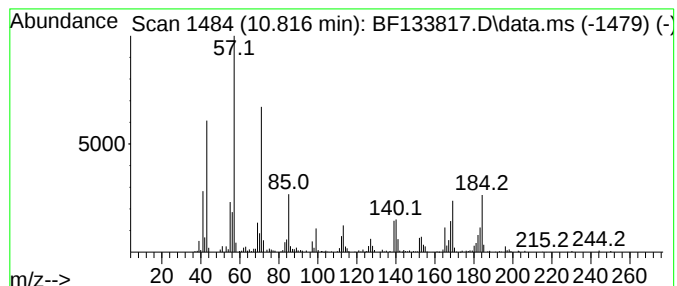
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown10.816 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	10.12 ng	276072	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	46
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	45
3			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	43
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	38
5			5-Ethyldecane	170	C12H26	017302-36-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

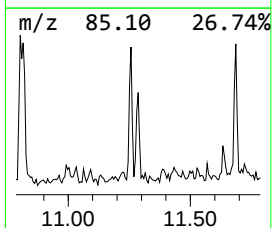
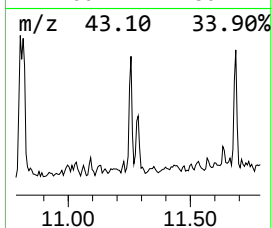
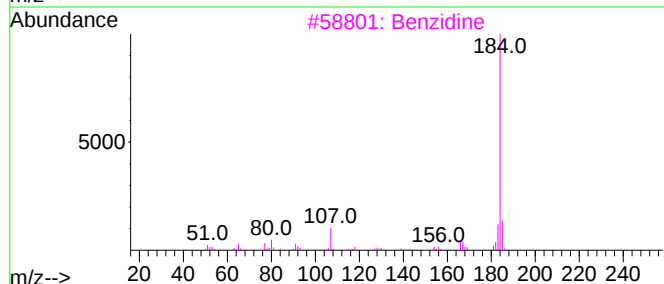
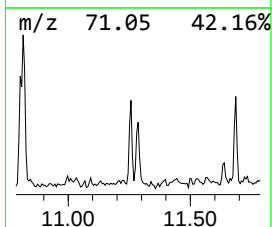
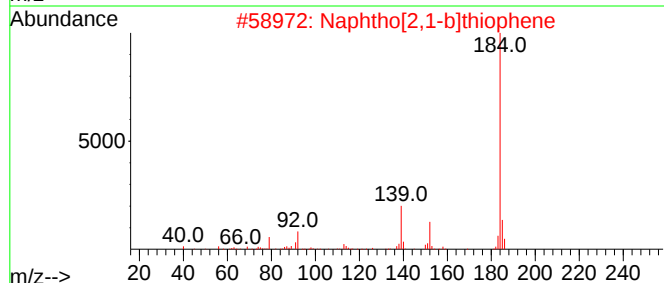
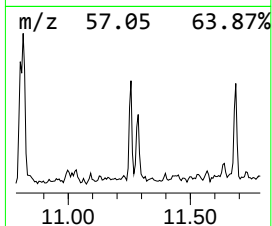
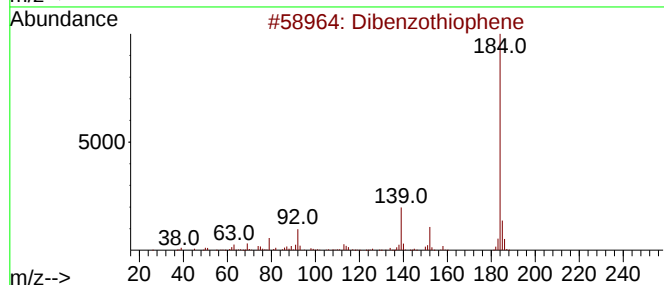
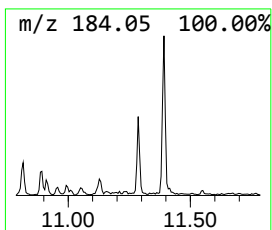
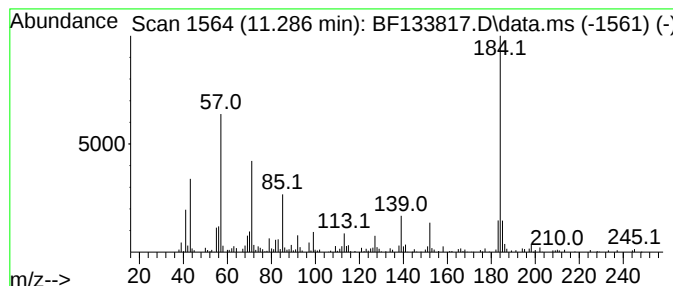
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	4.70 ng	128291	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	90
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	46
3			Benzidine	184	C12H12N2	000092-87-5	43
4			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	43
5			2-Dibenzofuranol	184	C12H8O2	000086-77-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

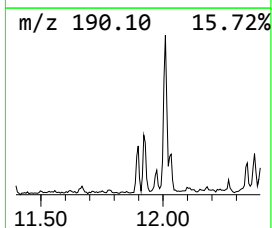
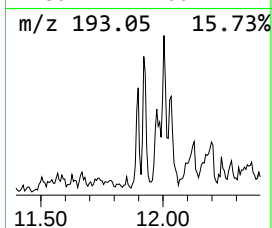
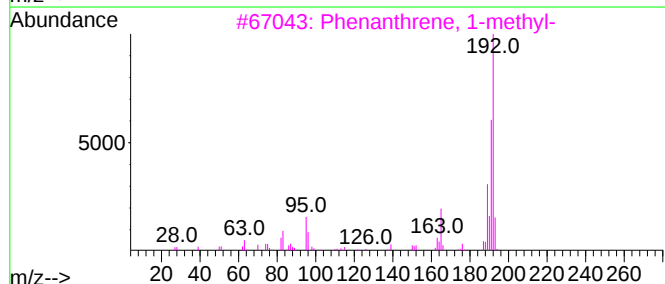
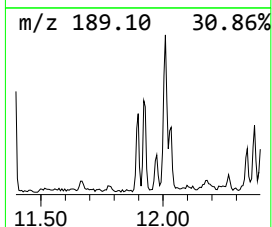
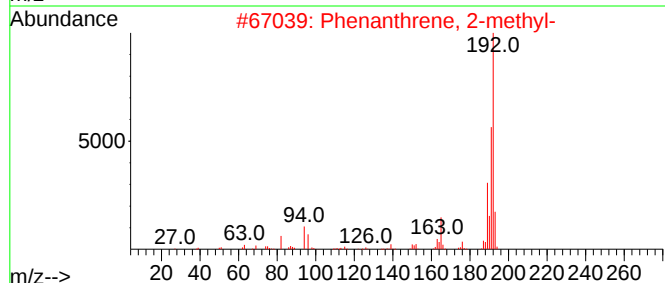
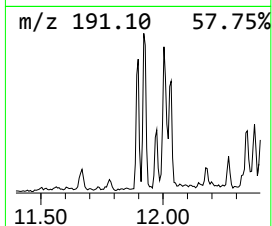
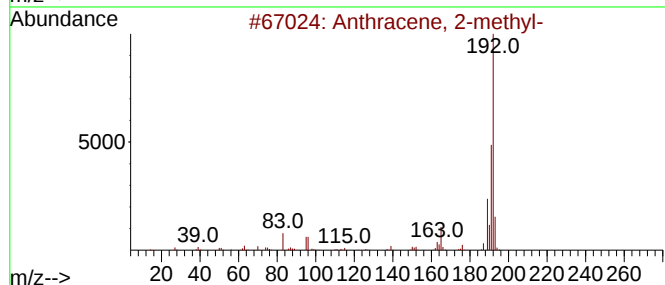
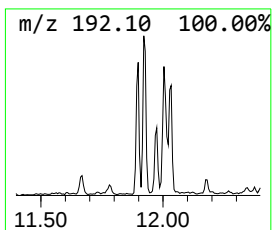
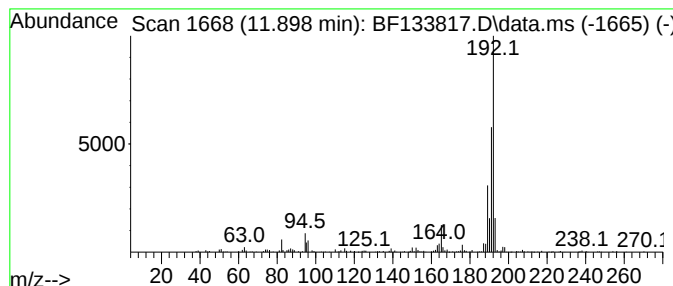
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.25 ng	143191	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

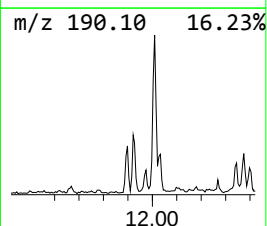
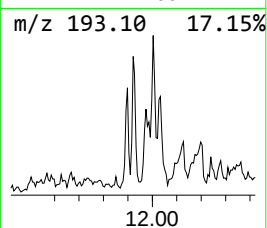
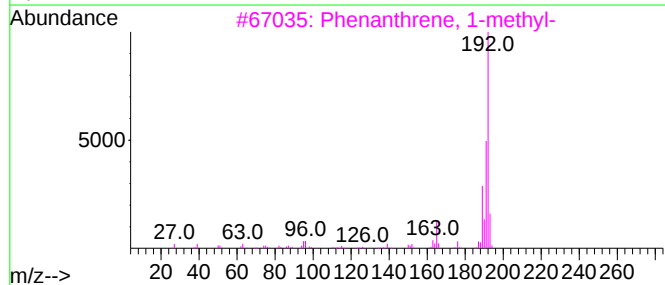
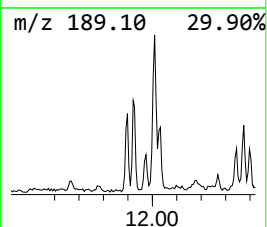
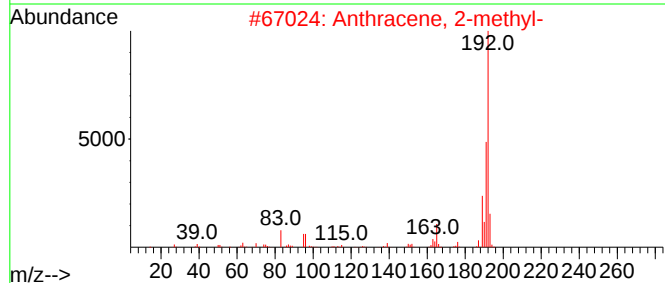
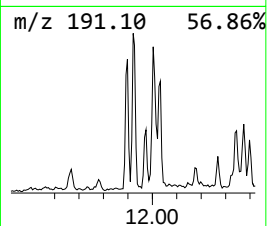
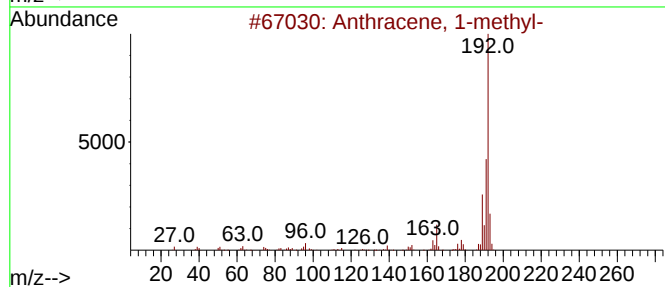
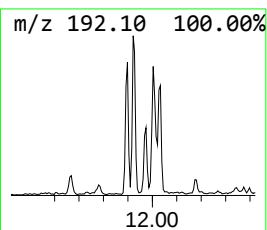
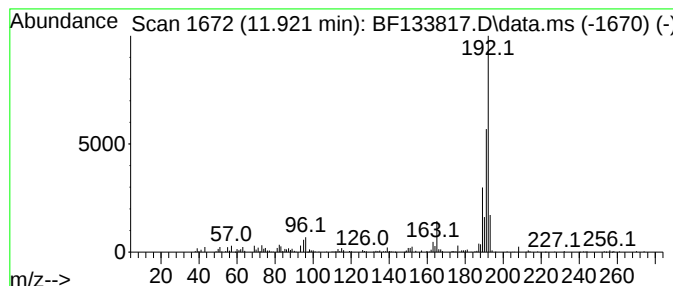
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	7.42 ng	202347	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	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			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

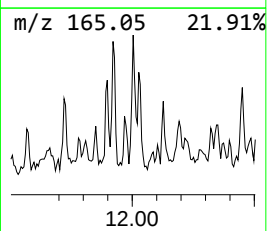
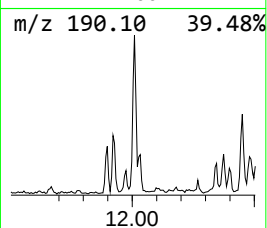
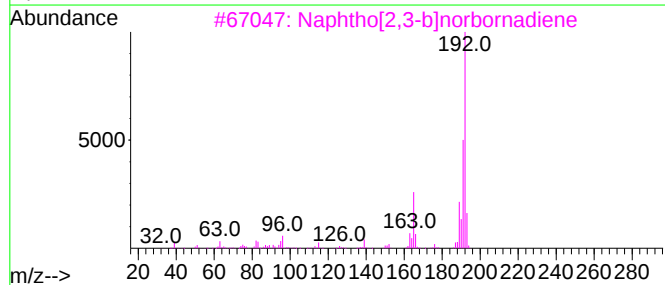
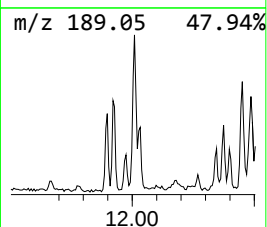
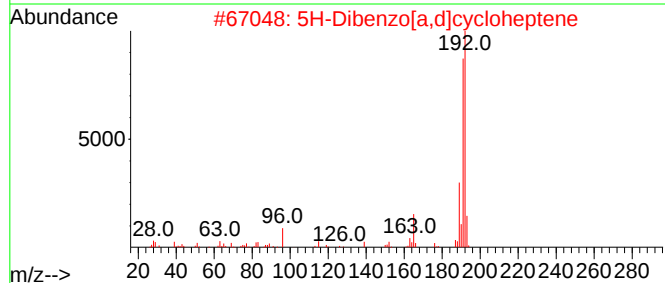
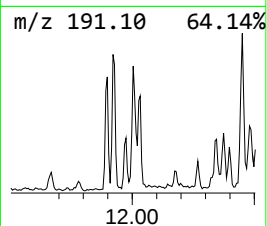
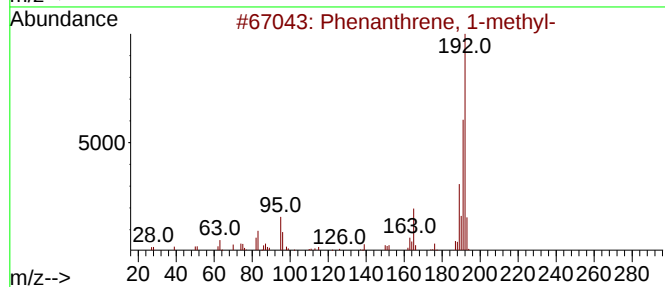
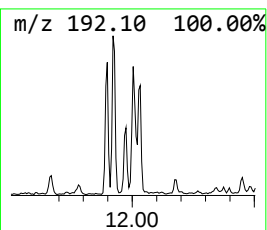
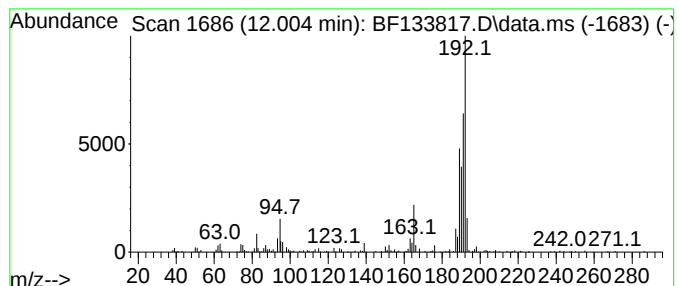
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.79 ng	239643	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	60
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

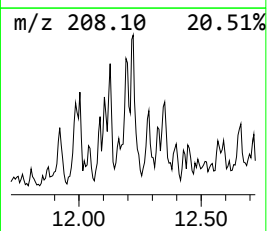
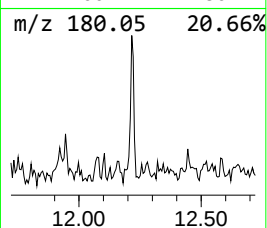
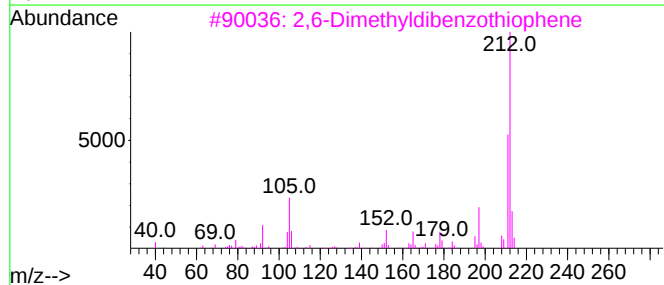
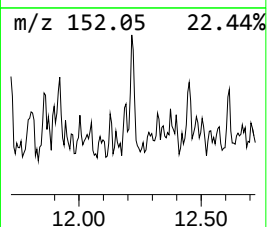
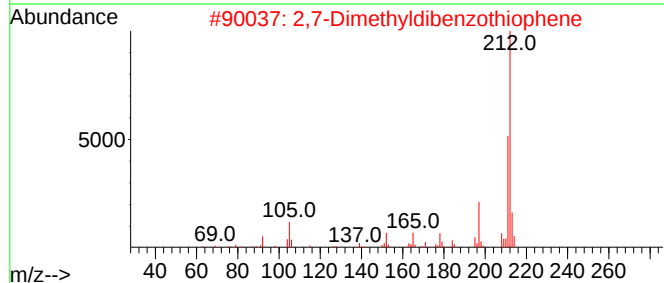
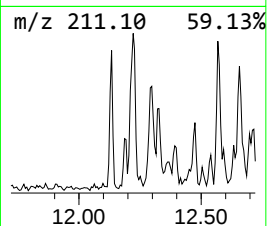
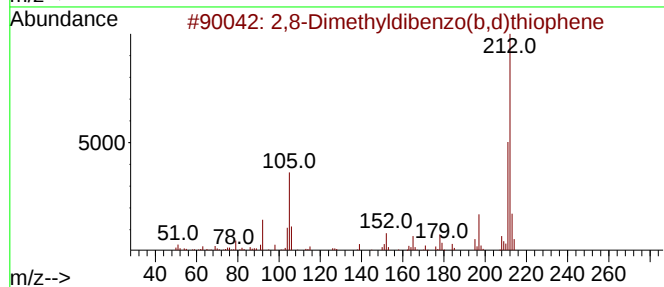
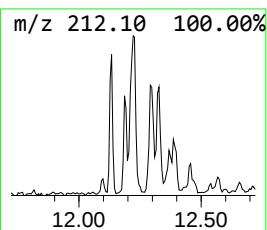
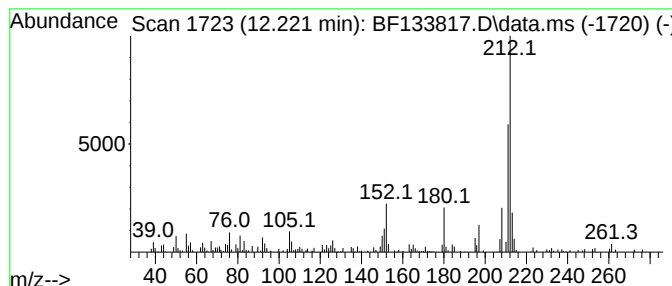
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.221	4.11 ng	112113	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	70	
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	62	
3	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	62	
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	52	
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	52	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

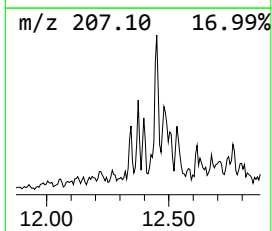
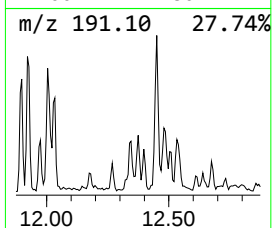
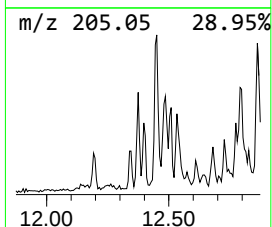
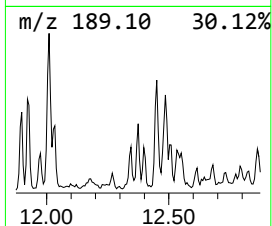
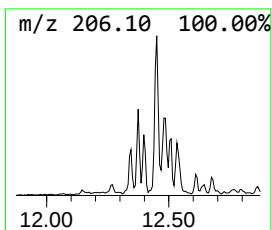
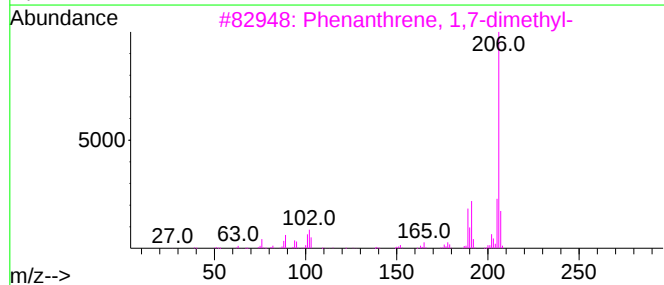
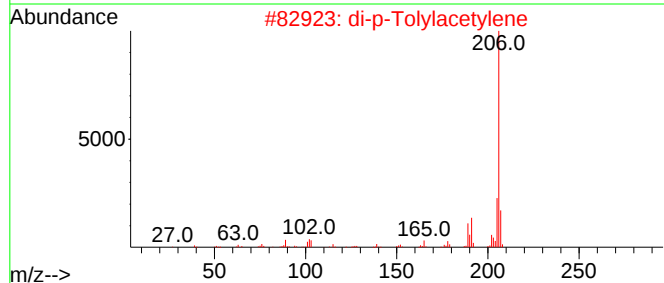
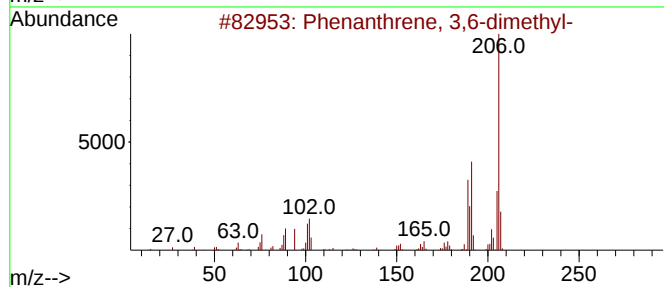
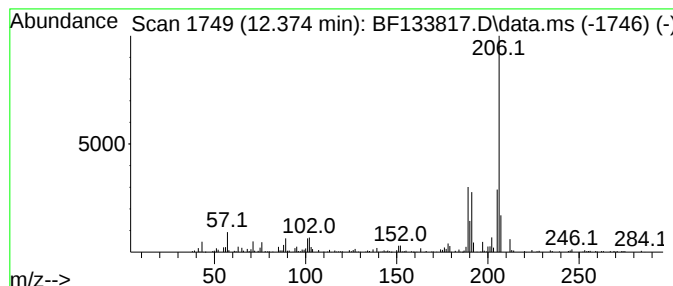
Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.374	4.56 ng	124471	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	87
4	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	86
5	1,3-Butadiene, 1,4-diphenyl-, (E...		206	C16H14	000538-81-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

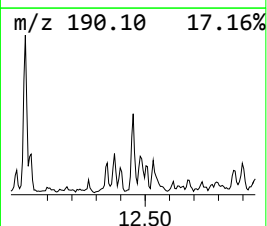
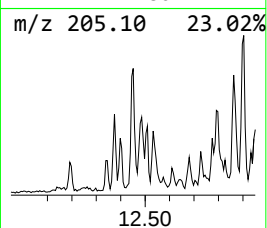
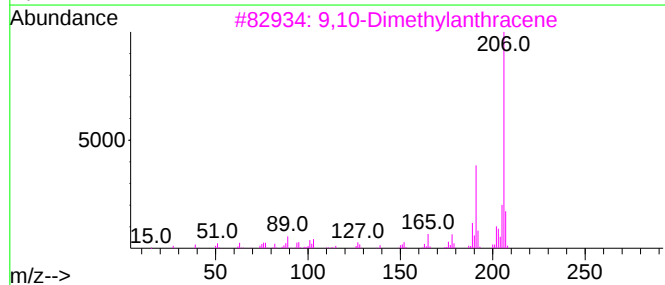
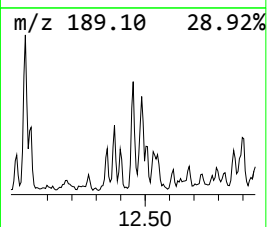
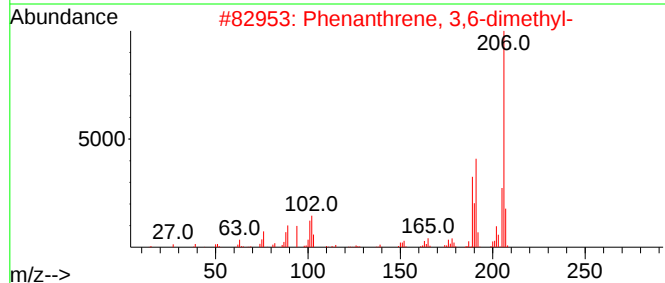
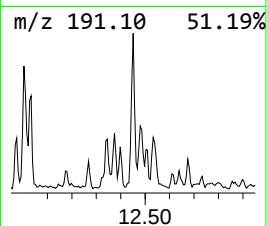
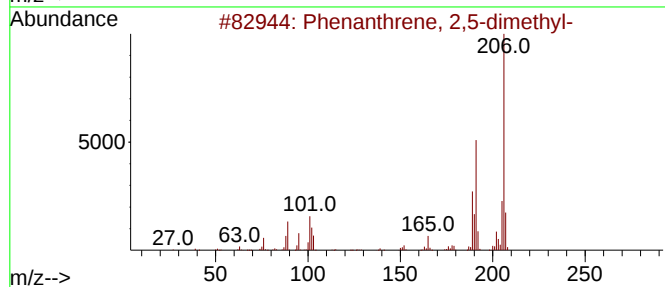
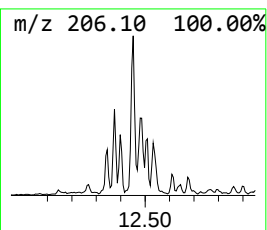
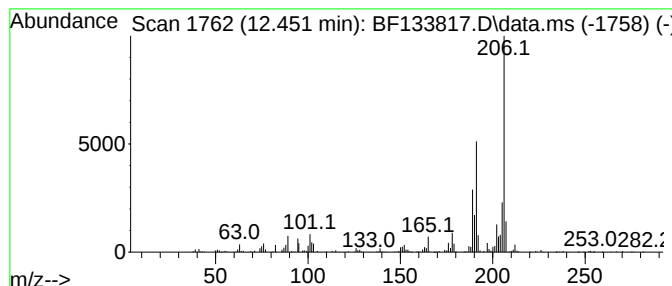
Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.451	10.83 ng	295432	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene		206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

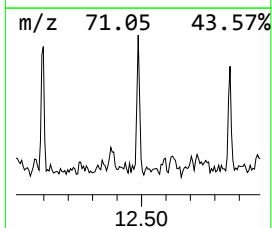
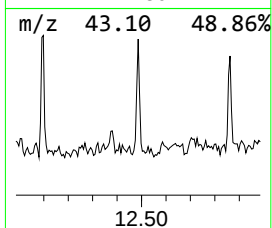
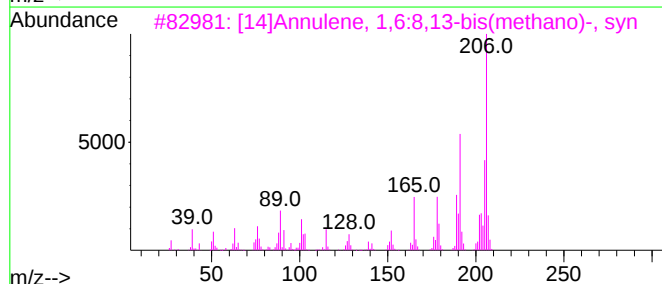
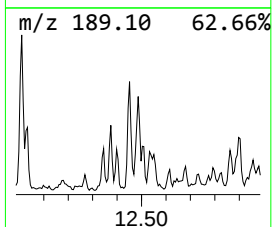
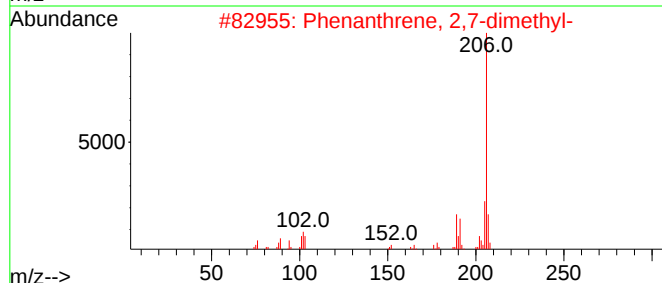
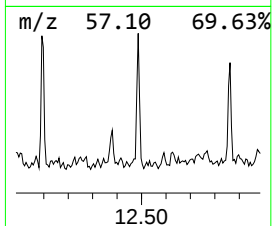
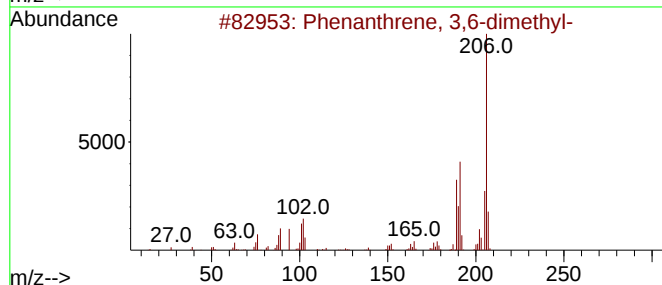
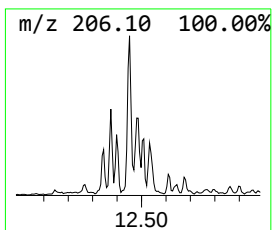
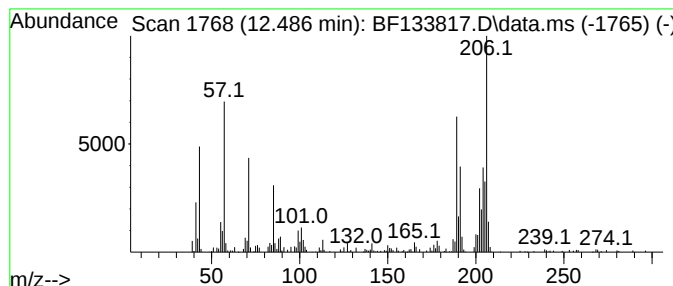
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	8.07 ng	219939	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
3			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	45
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	43
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

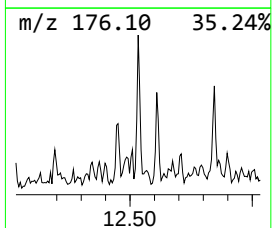
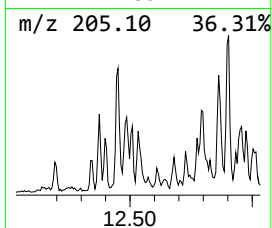
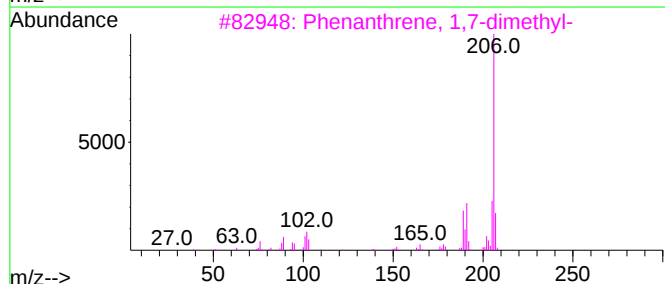
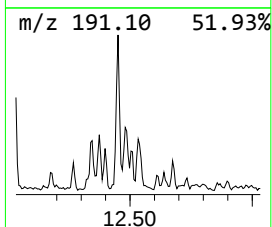
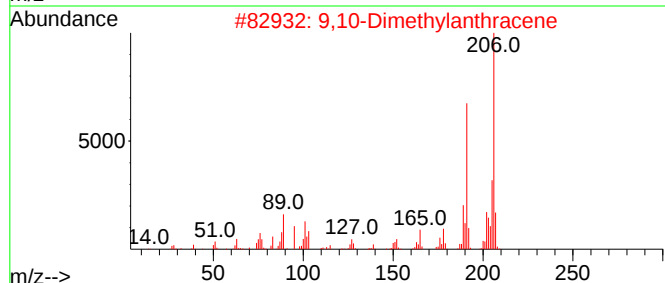
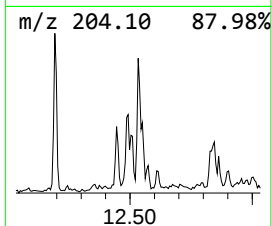
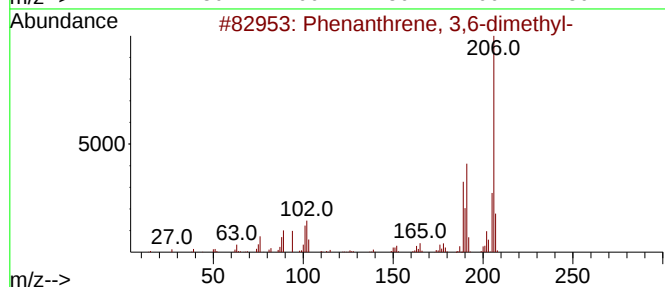
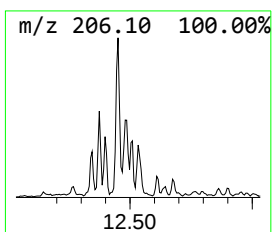
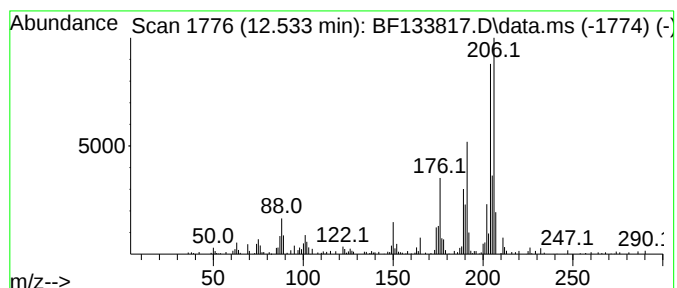
Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.533	4.88 ng	132978	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	83
2	9,10-Dimethylantracene		206	C16H14	000781-43-1	78
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	55
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	53
5	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

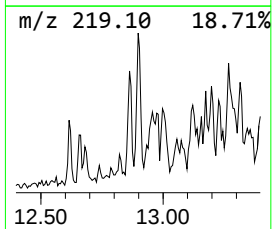
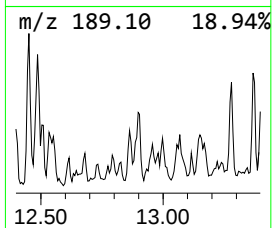
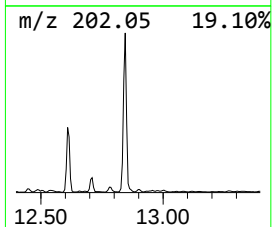
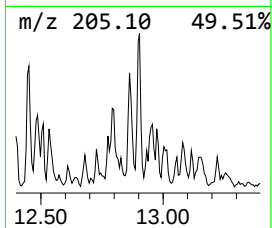
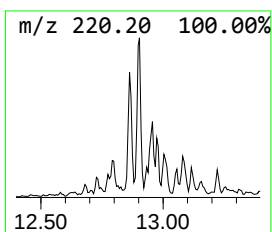
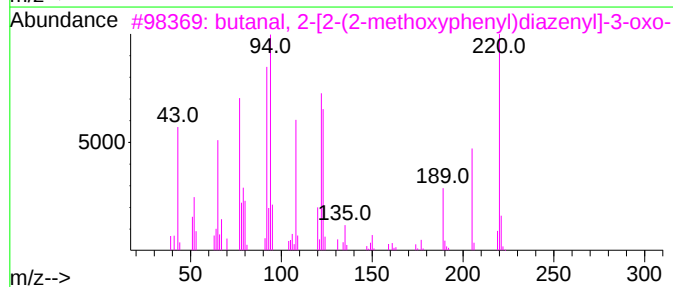
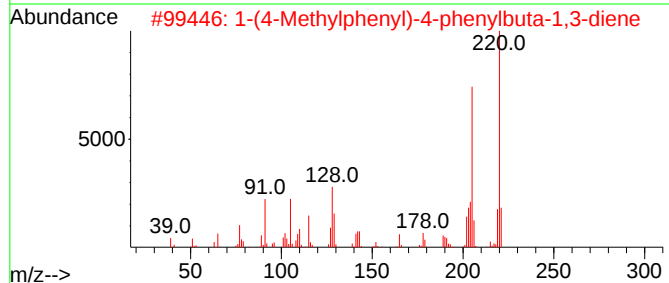
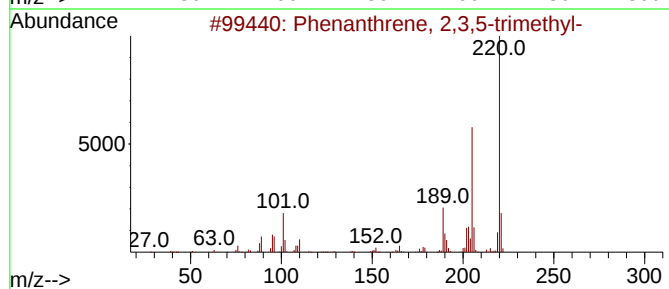
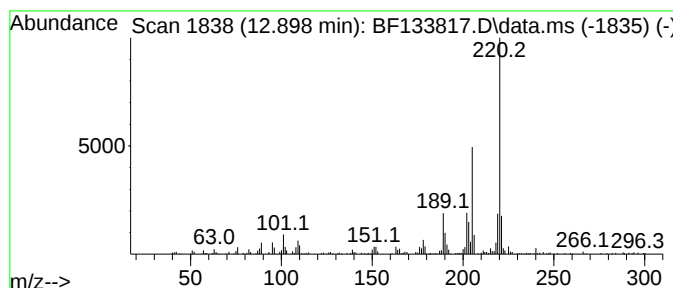
Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.898	4.37 ng	170634	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	97
2	1-(4-Methylphenyl)-4-phenylbuta...	220	C17H16	037985-11-8	87
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	58
4	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2O5	056929-61-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

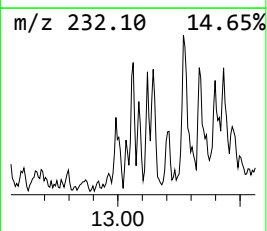
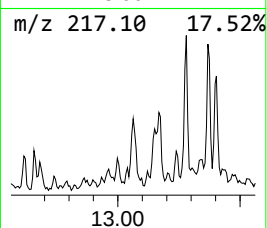
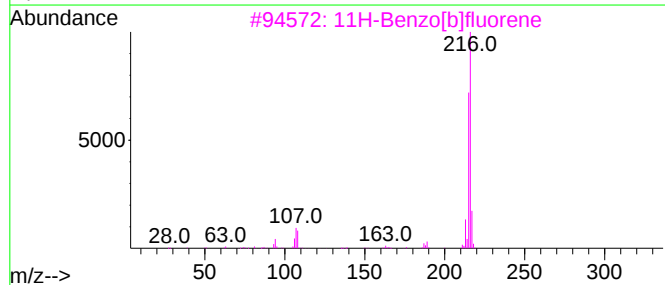
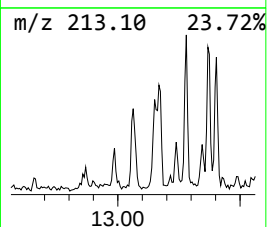
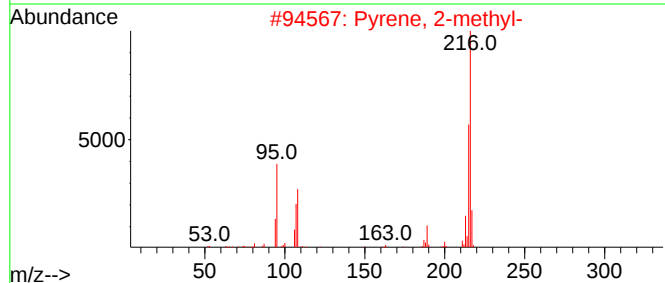
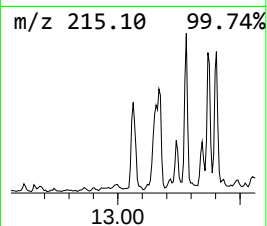
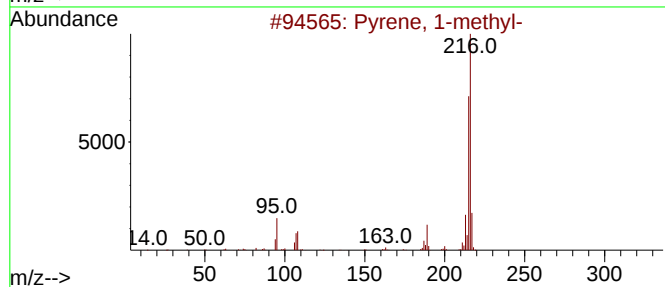
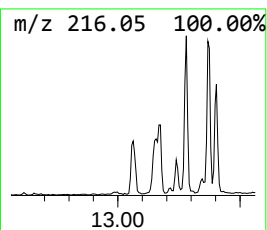
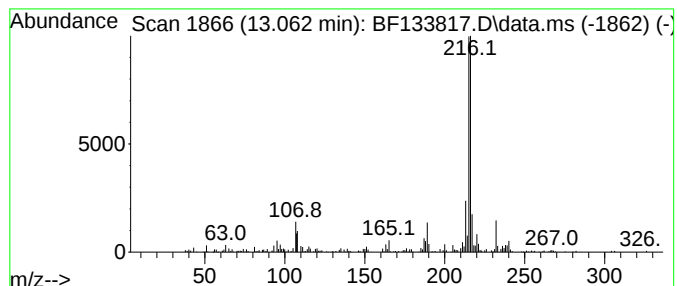
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	5.90 ng	230058	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

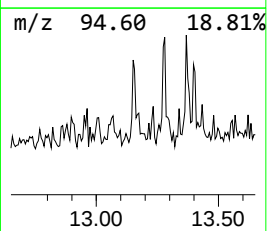
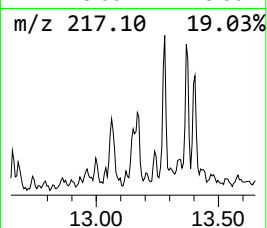
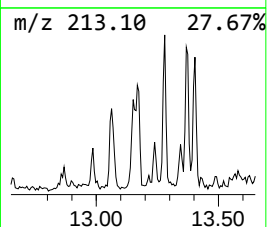
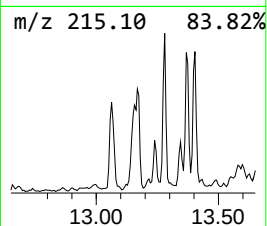
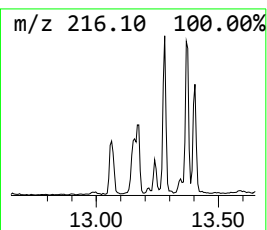
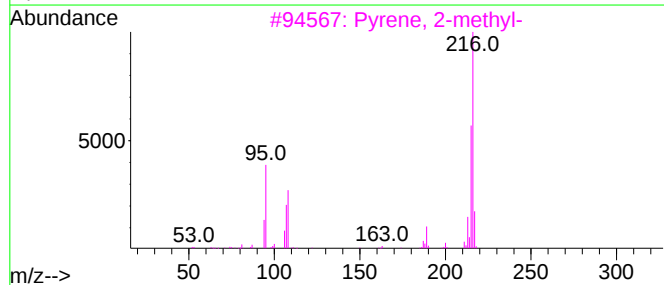
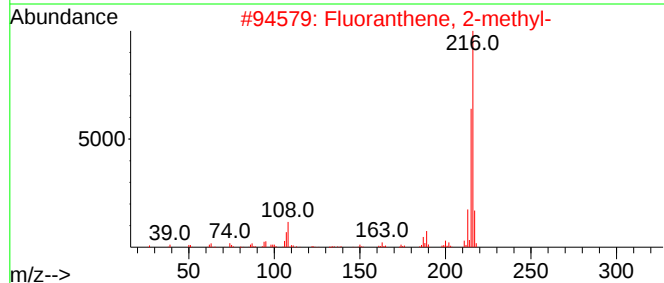
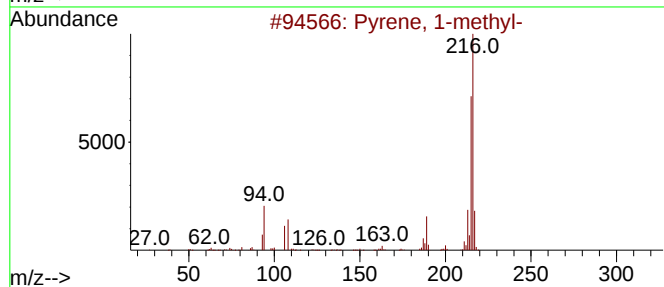
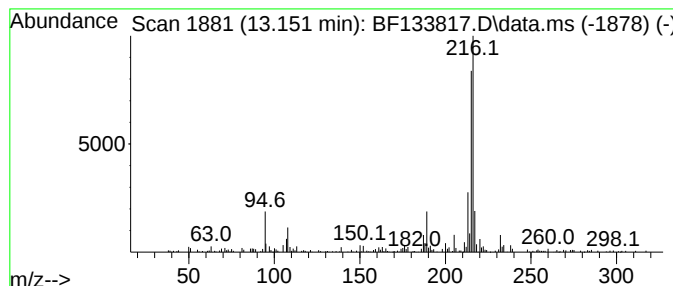
Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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.	
13.151	4.12 ng	160784	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

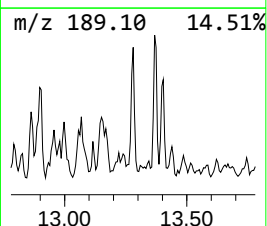
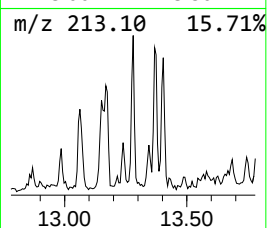
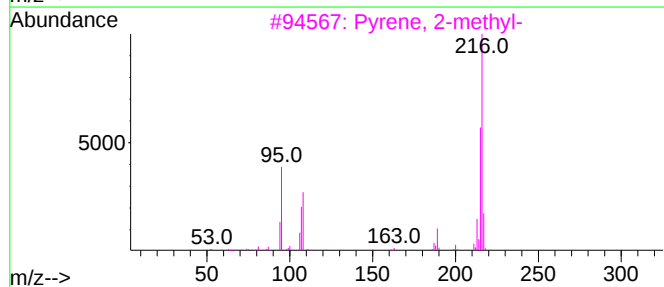
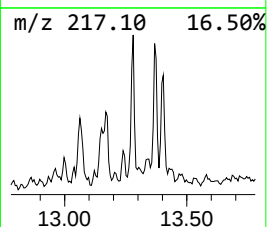
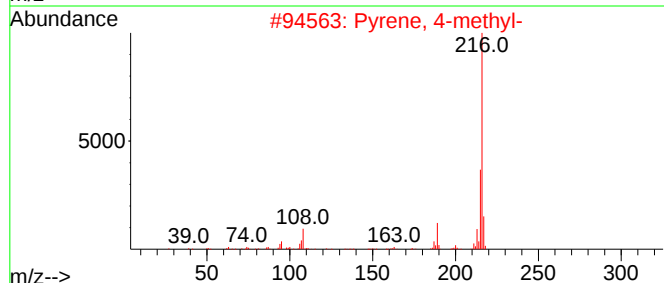
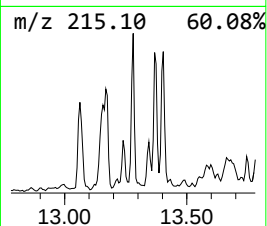
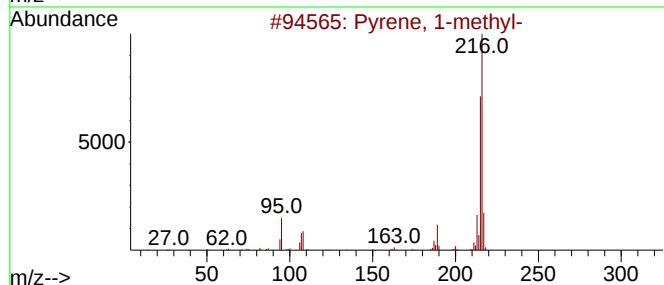
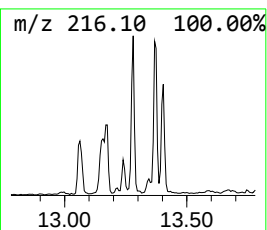
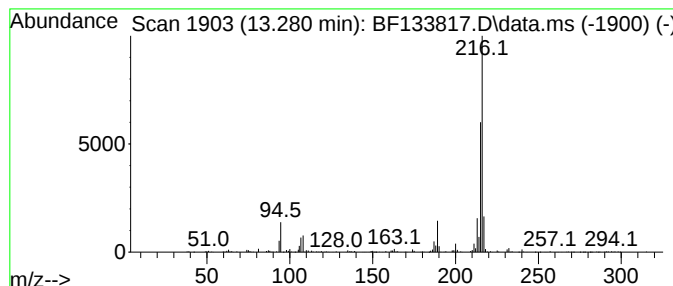
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	5.67 ng	221294	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

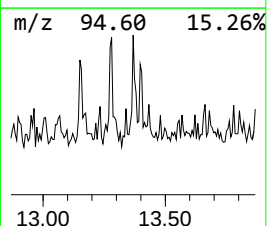
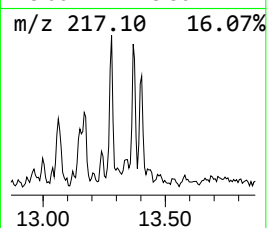
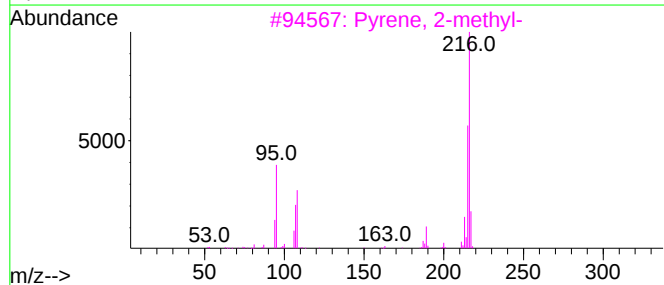
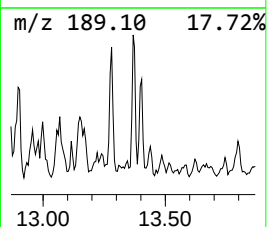
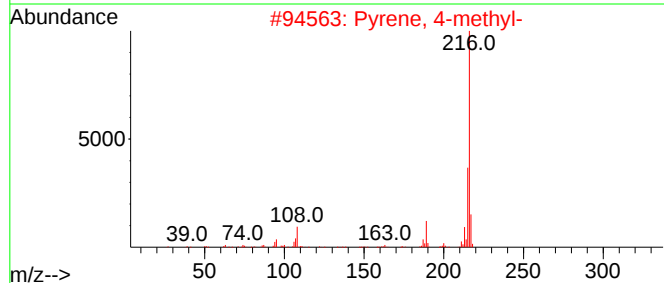
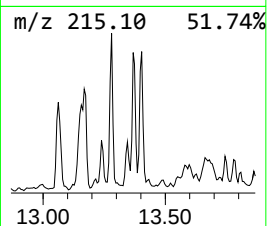
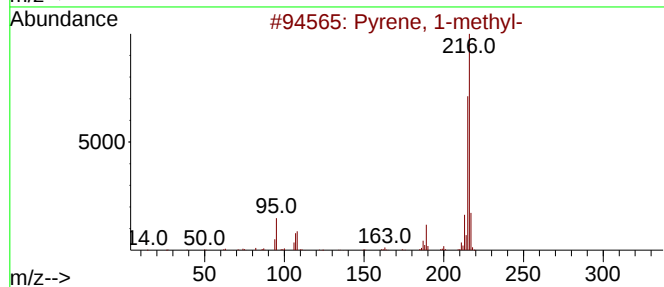
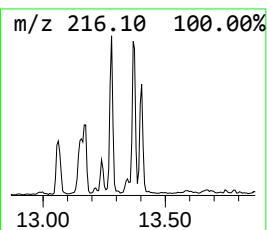
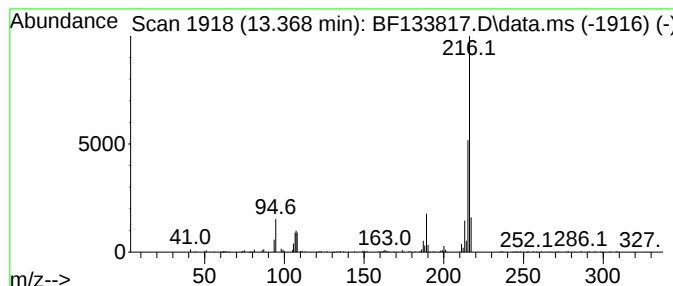
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	4.66 ng	181728	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

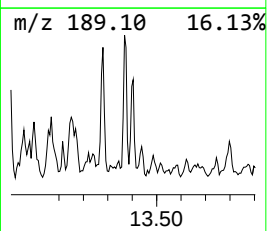
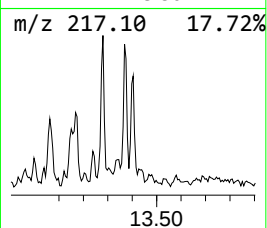
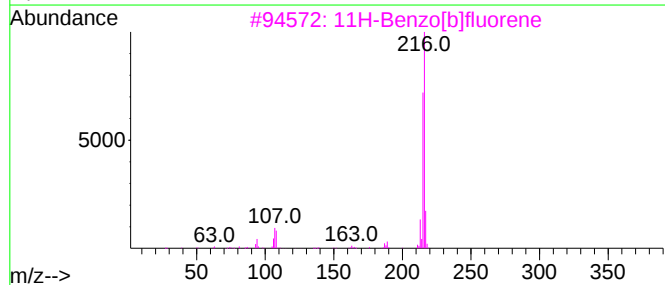
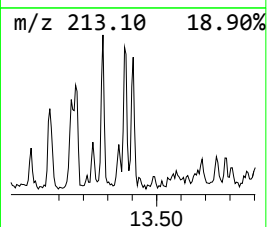
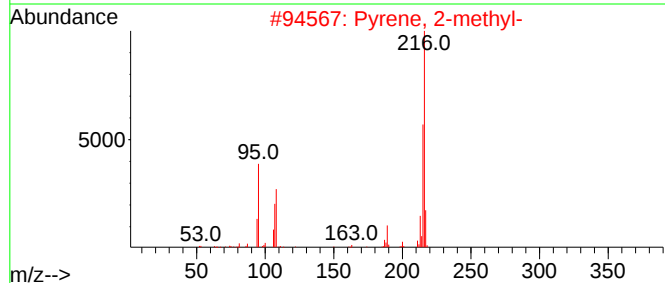
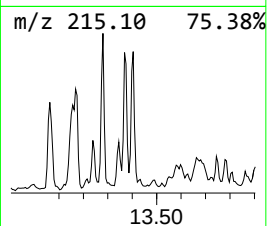
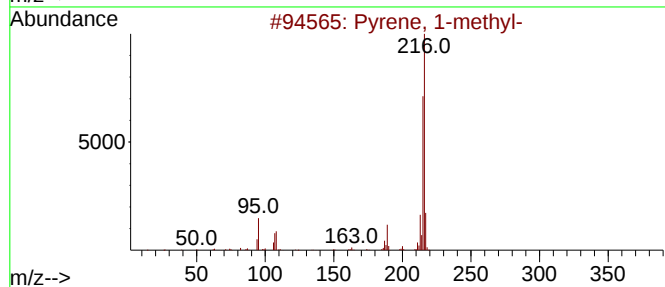
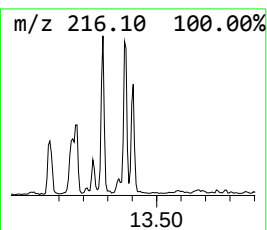
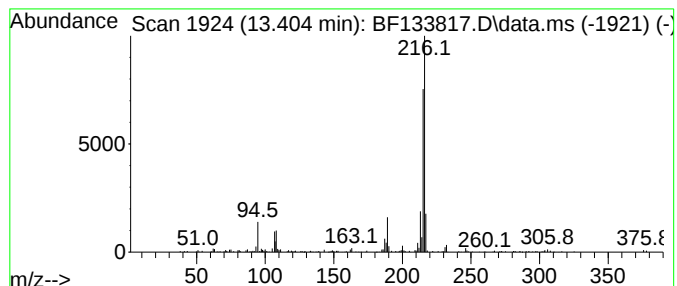
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.404	4.51 ng	175989	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12		002381-21-7	96
2	Pyrene, 2-methyl-		216	C17H12		003442-78-2	93
3	11H-Benzo[b]fluorene		216	C17H12		000243-17-4	90
4	Fluoranthene, 2-methyl-		216	C17H12		033543-31-6	87
5	7H-Benzo[c]fluorene		216	C17H12		000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

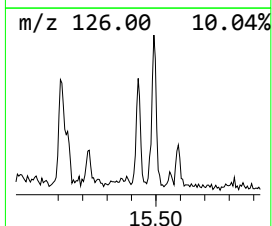
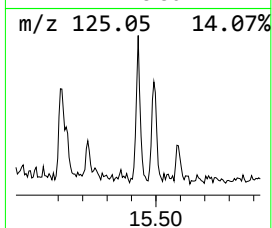
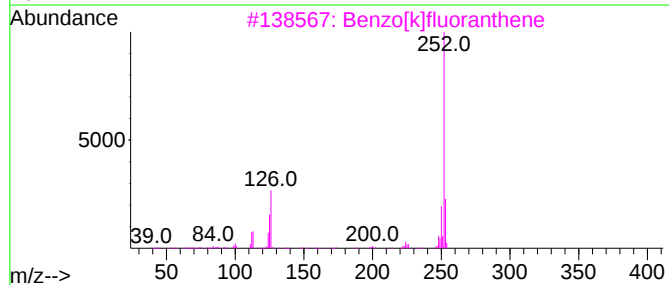
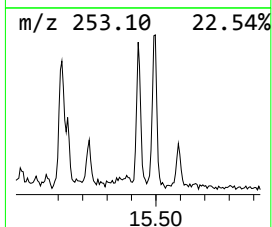
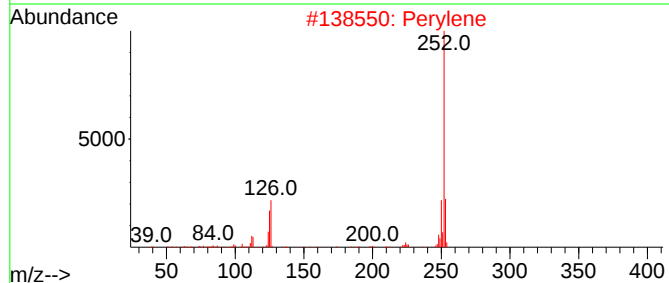
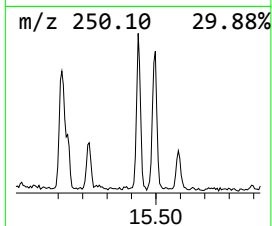
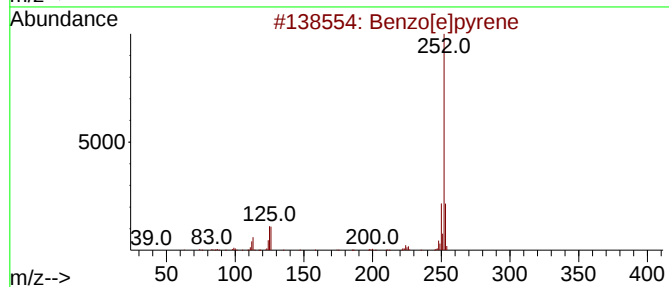
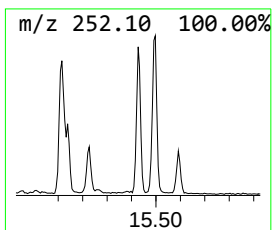
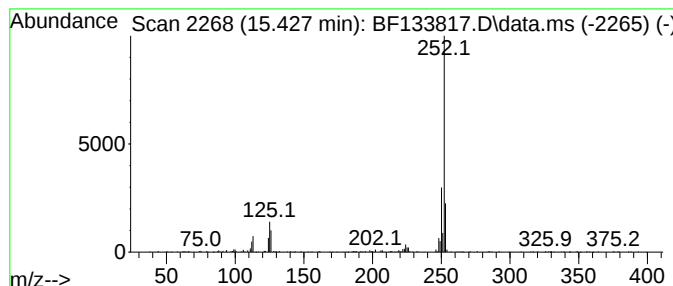
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	13.17 ng	199229	Perylene-d12	15.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133817.D
Acq On : 16 Jun 2023 20:49
Operator : CG\JU
Sample : 03214-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HYATT-PIPE-TP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.122	6.8	ng	158625	1	6.863	464038	20.0
Naphthalene, 2,...	9.486	4.6	ng	125392	3	9.898	545672	20.0
Naphthalene, 2-...	9.622	4.4	ng	119916	3	9.898	545672	20.0
unknown10.816	10.816	10.1	ng	276072	4	11.392	545385	20.0
Dibenzothiophene	11.286	4.7	ng	128291	4	11.392	545385	20.0
Anthracene, 2-m...	11.898	5.3	ng	143191	4	11.392	545385	20.0
Anthracene, 1-m...	11.921	7.4	ng	202347	4	11.392	545385	20.0
Phenanthrene, 1...	12.004	8.8	ng	239643	4	11.392	545385	20.0
2,8-Dimethyldib...	12.221	4.1	ng	112113	4	11.392	545385	20.0
Phenanthrene, 3...	12.374	4.6	ng	124471	4	11.392	545385	20.0
Phenanthrene, 2...	12.451	10.8	ng	295432	4	11.392	545385	20.0
Phenanthrene, 2...	12.486	8.1	ng	219939	4	11.392	545385	20.0
9,10-Dimethylan...	12.533	4.9	ng	132978	4	11.392	545385	20.0
Phenanthrene, 2...	12.898	4.4	ng	170634	5	14.051	780331	20.0
Pyrene, 1-methyl-	13.063	5.9	ng	230058	5	14.051	780331	20.0
Fluoranthene, 2...	13.151	4.1	ng	160784	5	14.051	780331	20.0
Pyrene, 4-methyl-	13.280	5.7	ng	221294	5	14.051	780331	20.0
Pyrene, 2-methyl-	13.368	4.7	ng	181728	5	14.051	780331	20.0
11H-Benzo[b]flu...	13.404	4.5	ng	175989	5	14.051	780331	20.0
Benzo[e]pyrene	15.427	13.2	ng	199229	6	15.562	302499	20.0