

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134039.D
 Acq On : 29 Jun 2023 16:22
 Operator : CG\JU
 Sample : 03361-13RE 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23RE

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	505	507	515	rBV	15117	19376	1.64%	0.136%
2	5.469	572	575	584	rBV	412223	439175	37.25%	3.089%
3	6.475	742	746	762	rBV	539225	510093	43.26%	3.588%
4	6.845	805	809	822	rBV	819331	656986	55.72%	4.621%
5	7.404	900	904	908	rBV	333948	289314	24.54%	2.035%
6	8.122	1023	1026	1029	rBV	879424	799704	67.83%	5.624%
7	8.839	1145	1148	1155	rVB	49671	44355	3.76%	0.312%
8	8.939	1160	1165	1170	rVB	29746	28049	2.38%	0.197%
9	9.198	1206	1209	1219	rBV	745959	603322	51.17%	4.243%
10	9.469	1251	1255	1259	rVB2	11042	13834	1.17%	0.097%
11	9.539	1263	1267	1269	rBV2	18480	18817	1.60%	0.132%
12	9.745	1299	1302	1308	rBV	32480	29653	2.52%	0.209%
13	9.881	1322	1325	1329	rBV	886358	770960	65.39%	5.422%
14	9.916	1329	1331	1335	rVB	44745	34078	2.89%	0.240%
15	10.086	1355	1360	1364	rBV	36017	34085	2.89%	0.240%
16	10.433	1416	1419	1425	rBV	51933	46014	3.90%	0.324%
17	10.598	1443	1447	1453	rVB2	81258	76858	6.52%	0.541%
18	10.675	1457	1460	1464	rBV	165686	156679	13.29%	1.102%
19	10.798	1477	1481	1484	rBV4	13488	19882	1.69%	0.140%
20	10.986	1507	1513	1515	rBV4	14511	21577	1.83%	0.152%
21	11.180	1544	1546	1549	rVB	19094	16555	1.40%	0.116%
22	11.233	1549	1555	1558	rBV3	13174	23878	2.03%	0.168%
23	11.275	1559	1562	1567	rVB	25802	27117	2.30%	0.191%
24	11.375	1576	1579	1582	rBV	804105	804559	68.24%	5.659%
25	11.398	1582	1583	1587	rVV	464199	387885	32.90%	2.728%
26	11.451	1589	1592	1595	rVV	133340	124711	10.58%	0.877%
27	11.480	1595	1597	1601	rVB4	15781	20855	1.77%	0.147%
28	11.610	1615	1619	1627	rBV2	38249	47875	4.06%	0.337%
29	11.675	1627	1630	1634	rVV3	22112	22816	1.94%	0.160%
30	11.710	1634	1636	1642	rVB4	12587	14052	1.19%	0.099%
31	11.880	1662	1665	1667	rBV	59966	53416	4.53%	0.376%
32	11.910	1667	1670	1673	rVV	94367	86452	7.33%	0.608%
33	11.957	1675	1678	1681	rVB	37372	34544	2.93%	0.243%
34	11.992	1681	1684	1687	rBV	122938	135572	11.50%	0.954%
35	12.016	1687	1688	1694	rVB	49700	35106	2.98%	0.247%
36	12.080	1694	1699	1703	rBV7	13945	29153	2.47%	0.205%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134039.D
 Acq On : 29 Jun 2023 16:22
 Operator : CG\JU
 Sample : 03361-13RE 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23RE

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-BF062623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.145	1707	1710	1713	rBV5	9605	15650	1.33%	0.110%
38	12.180	1713	1716	1718	rBV	57189	48452	4.11%	0.341%
39	12.210	1718	1721	1723	rVB	34426	33649	2.85%	0.237%
40	12.257	1726	1729	1736	rBV7	10394	11795	1.00%	0.083%

41	12.327	1739	1741	1744	rVB	16679	13587	1.15%	0.096%
42	12.363	1744	1747	1749	rBV	18680	13002	1.10%	0.091%
43	12.386	1749	1751	1755	rVB	17369	15887	1.35%	0.112%
44	12.433	1755	1759	1762	rBV	40339	43432	3.68%	0.305%
45	12.474	1762	1766	1768	rBV4	26799	28041	2.38%	0.197%

46	12.522	1771	1774	1779	rVB3	44470	46939	3.98%	0.330%
47	12.598	1783	1787	1791	rBV	1008345	907006	76.93%	6.379%
48	12.663	1796	1798	1801	rVB2	17986	13921	1.18%	0.098%
49	12.751	1809	1813	1817	rVV2	40761	57620	4.89%	0.405%
50	12.827	1820	1826	1832	rVV	865049	1012194	85.85%	7.119%

51	12.880	1832	1835	1839	rVB2	34364	44472	3.77%	0.313%
52	12.951	1844	1847	1848	rBV	51836	48802	4.14%	0.343%
53	12.974	1848	1851	1858	rVB	548374	572335	48.54%	4.025%
54	13.051	1859	1864	1867	rBV3	51079	83271	7.06%	0.586%
55	13.133	1875	1878	1880	rBV2	47091	60391	5.12%	0.425%

56	13.157	1880	1882	1886	rVB	114300	122378	10.38%	0.861%
57	13.227	1891	1894	1897	rVB	103694	76969	6.53%	0.541%
58	13.263	1897	1900	1903	rBV2	82221	86441	7.33%	0.608%
59	13.321	1908	1910	1914	rBV4	22664	27143	2.30%	0.191%
60	13.357	1914	1916	1919	rBV	44875	33887	2.87%	0.238%

61	13.392	1919	1922	1925	rBV	46666	53033	4.50%	0.373%
62	13.451	1930	1932	1935	rVB4	25846	19305	1.64%	0.136%
63	13.645	1963	1965	1967	rBV3	19335	20934	1.78%	0.147%
64	13.674	1967	1970	1975	rVB	47841	59859	5.08%	0.421%
65	13.786	1985	1989	1991	rBV2	68909	77809	6.60%	0.547%

66	13.810	1991	1993	1995	rVV	62110	58664	4.98%	0.413%
67	13.839	1995	1998	2002	rVV2	57077	90396	7.67%	0.636%
68	13.886	2003	2006	2013	rVB3	60465	96481	8.18%	0.679%
69	14.039	2024	2032	2034	rBV2	827732	1179003	100.00%	8.292%
70	14.063	2034	2036	2042	rVB	393756	380452	32.27%	2.676%

71	14.145	2047	2050	2053	rVB	86273	71125	6.03%	0.500%
72	14.427	2096	2098	2101	rVB	62529	49548	4.20%	0.348%
73	14.551	2117	2119	2121	rBV2	37929	33287	2.82%	0.234%
74	15.098	2208	2212	2215	rBV	325419	479356	40.66%	3.371%
75	15.210	2228	2231	2235	rVB	69957	71476	6.06%	0.503%

76	15.415	2262	2266	2271	rVB	162284	215385	18.27%	1.515%
----	--------	------	------	------	-----	--------	--------	--------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.474	2272	2276	2282	rVV	254094	357573	30.33%	2.515%
78	15.545	2283	2288	2291	rVV	434644	593572	50.35%	4.175%
79	15.574	2291	2293	2301	rVB2	130992	195233	16.56%	1.373%
80	17.086	2544	2550	2556	rBV2	97315	221234	18.76%	1.556%

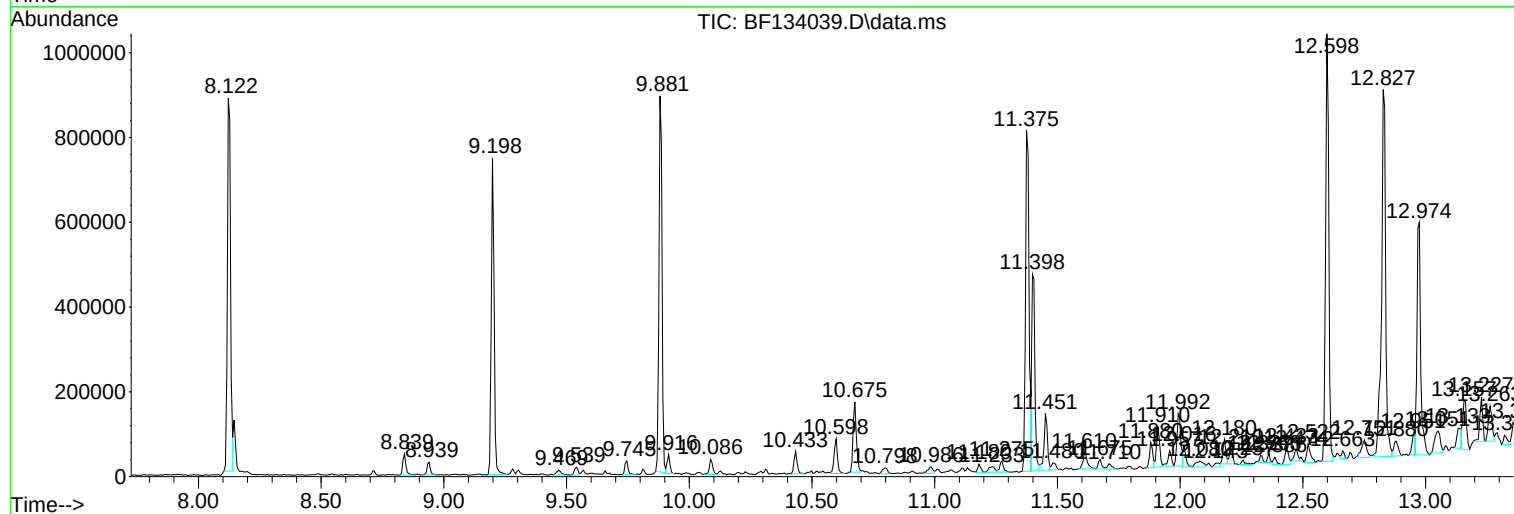
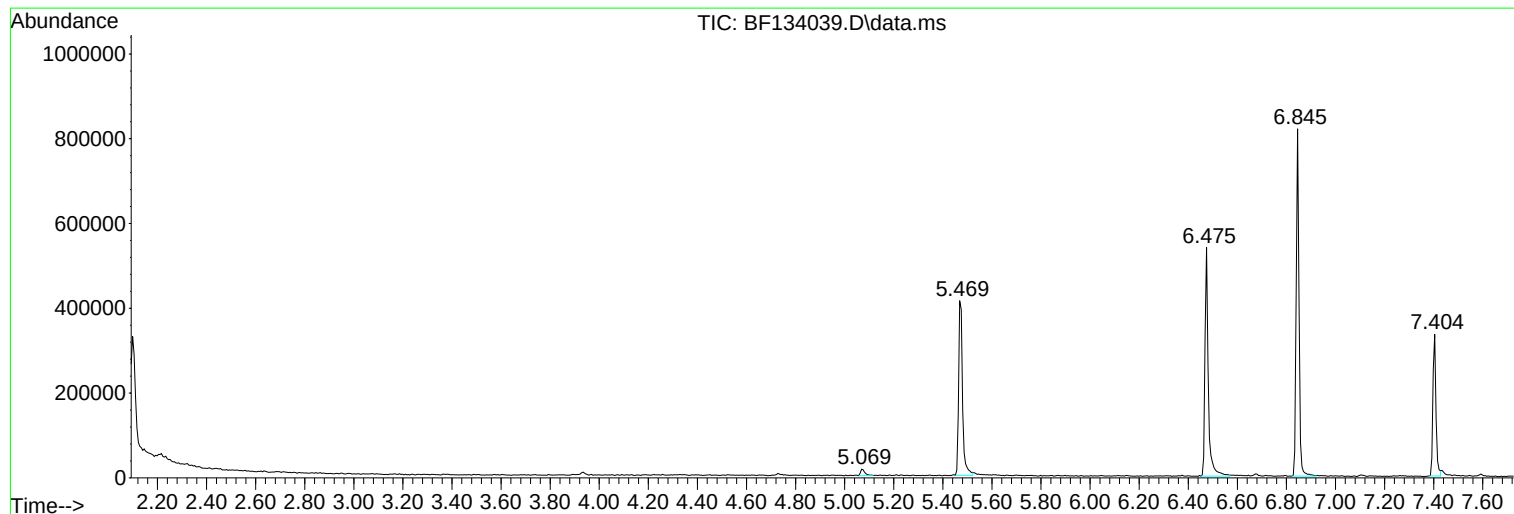
Sum of corrected areas: 14218346

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

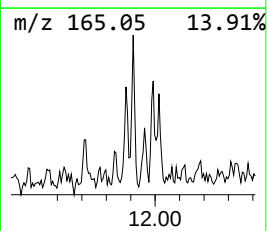
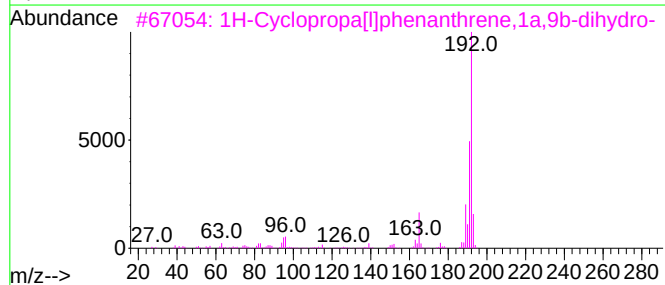
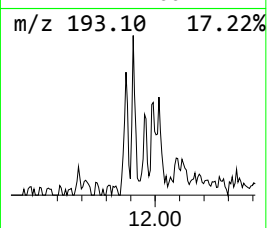
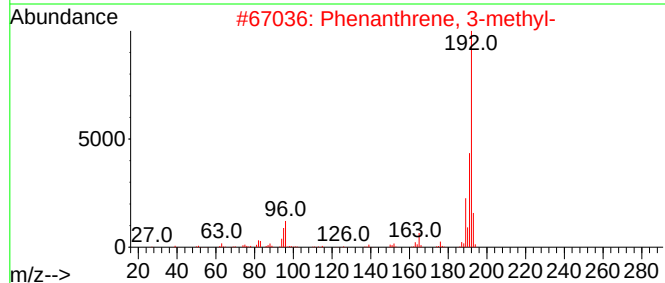
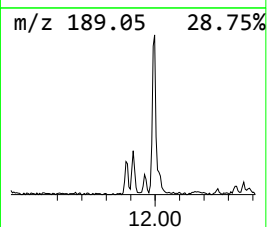
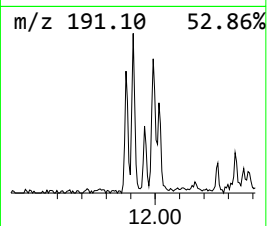
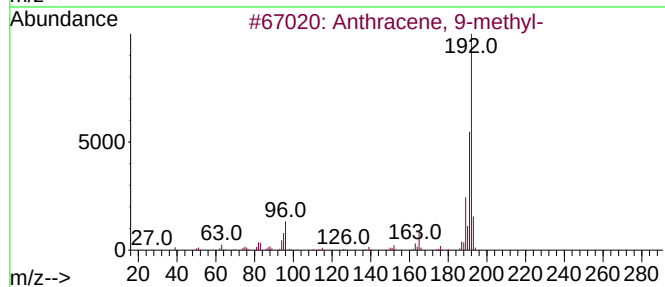
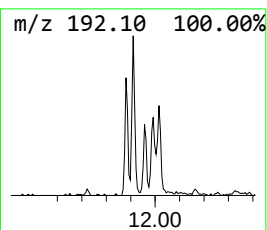
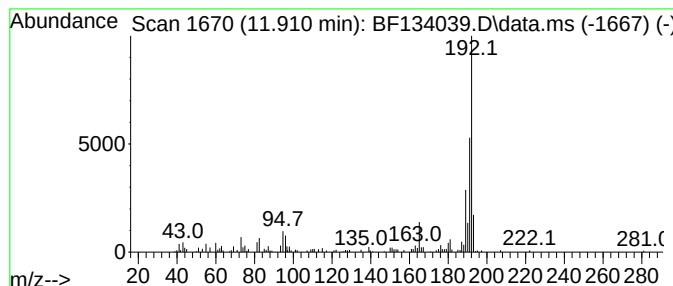
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	2.15 ng	86452	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

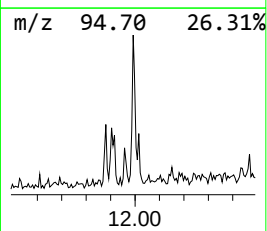
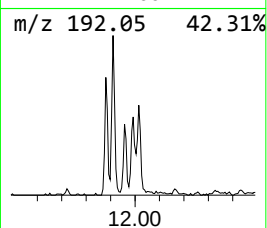
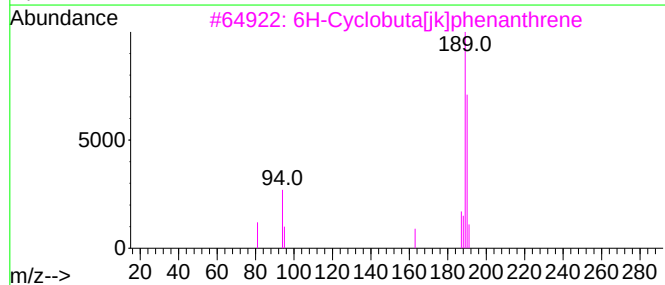
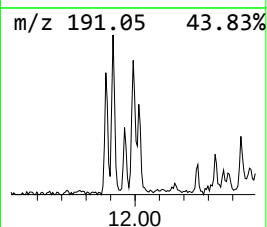
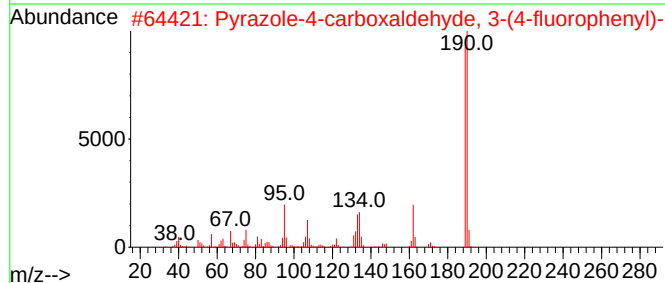
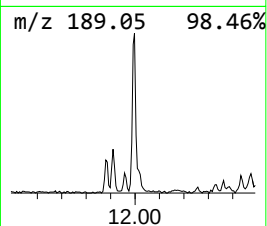
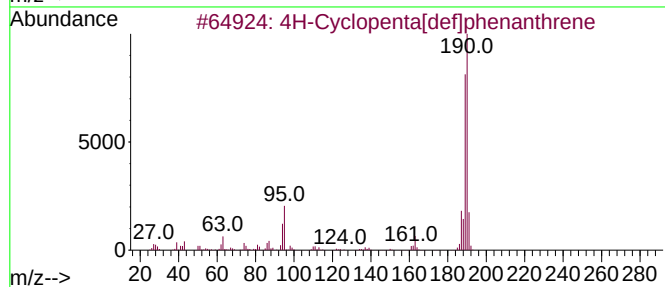
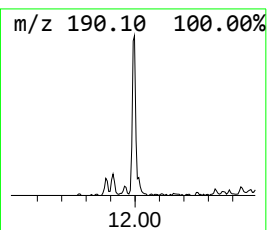
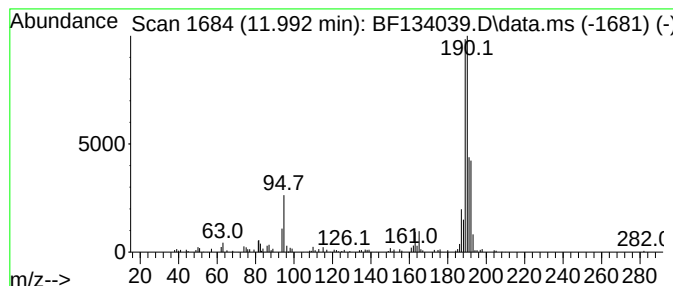
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.37 ng	135572	Phenanthrene-d10	11.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2			Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

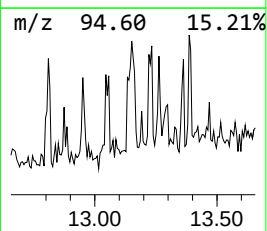
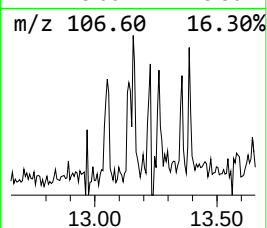
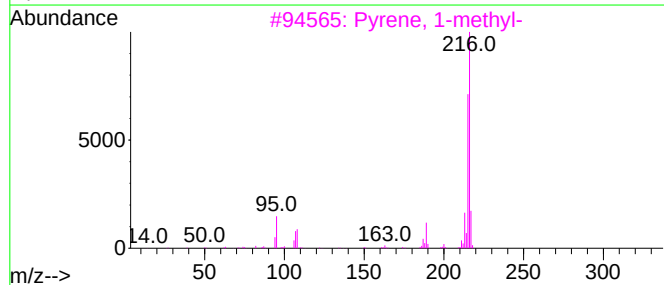
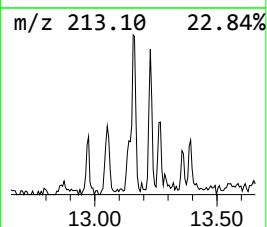
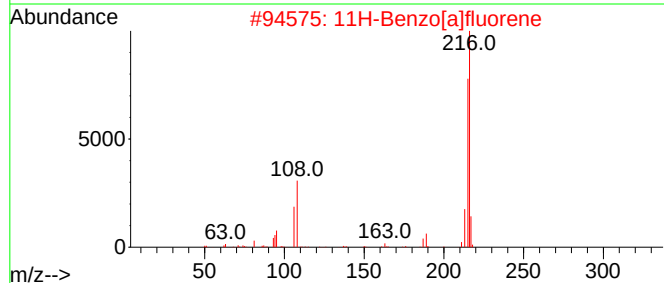
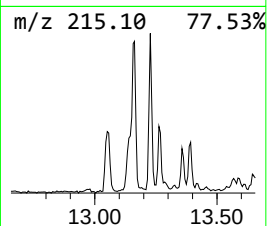
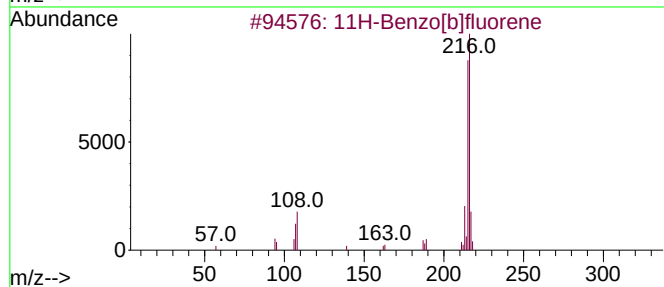
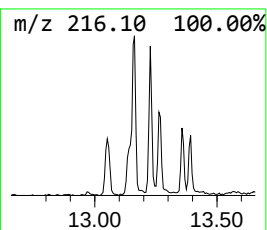
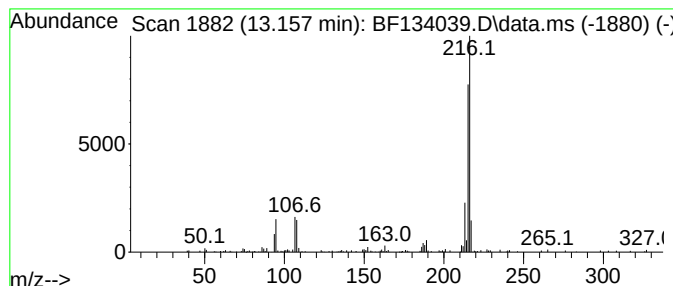
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.08 ng	122378	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

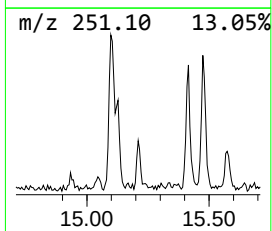
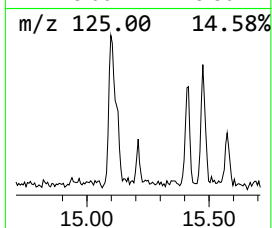
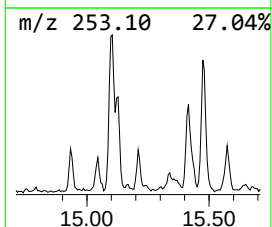
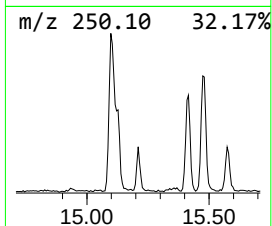
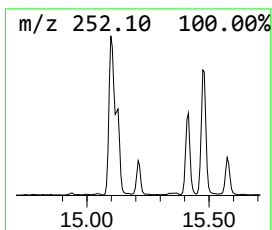
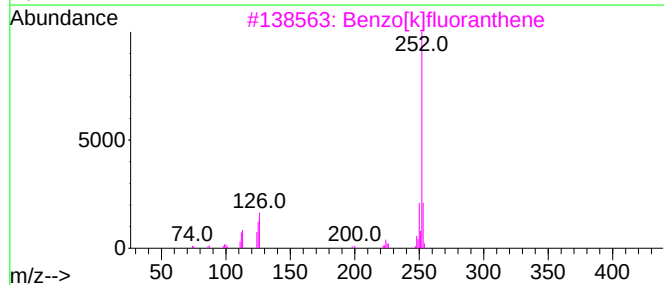
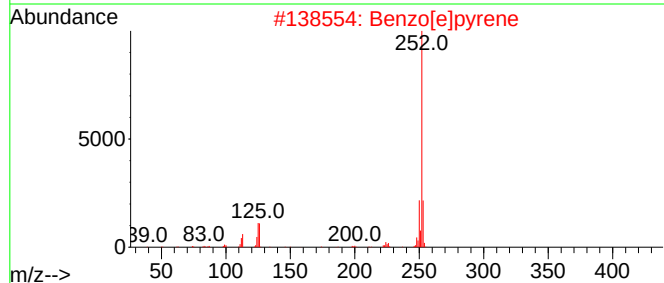
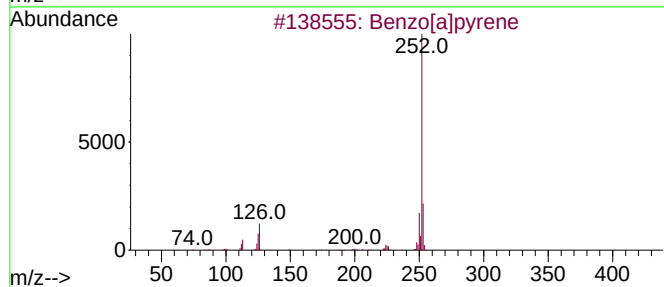
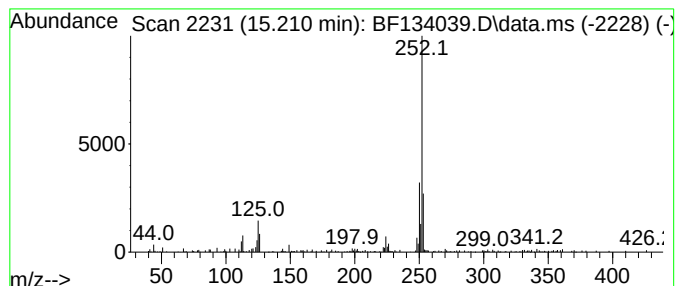
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	2.41 ng	71476	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	90
2			Benzo[e]pyrene	252	C20H12	000192-97-2	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Perylene	252	C20H12	000198-55-0	74
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

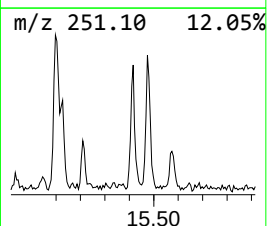
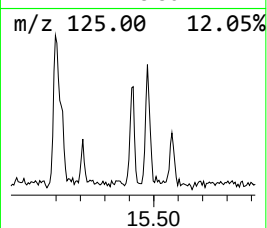
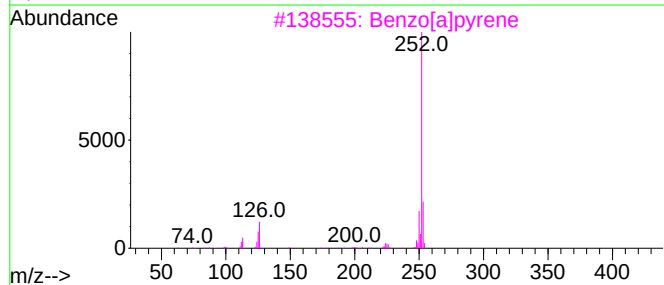
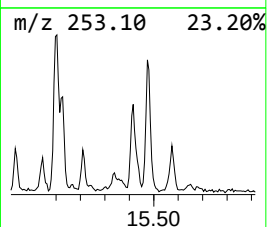
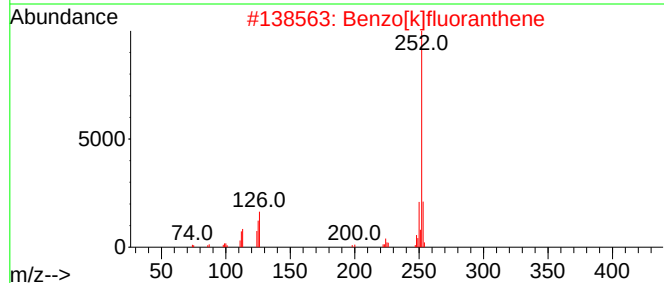
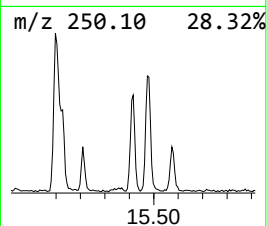
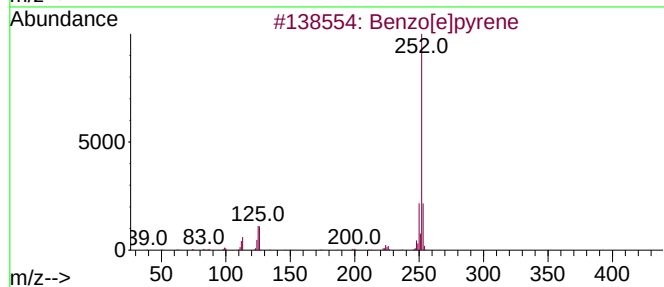
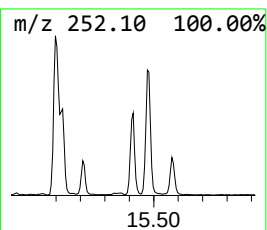
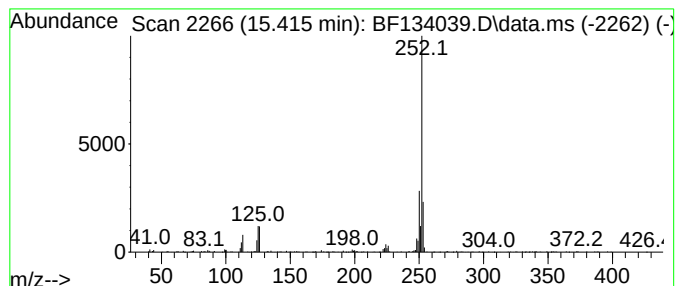
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	7.26 ng	215385	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134039.D
Acq On : 29 Jun 2023 16:22
Operator : CG\JU
Sample : 03361-13RE 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23RE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
Anthracene, 9-m...	11.910	2.1	ng	86452	4	11.374	804559	20.0
4H-Cyclopenta[d...	11.992	3.4	ng	135572	4	11.374	804559	20.0
11H-Benzo[b]flu...	13.157	2.1	ng	122378	5	14.039	1179000	20.0
Benzo[e]pyrene	15.210	2.4	ng	71476	6	15.545	593572	20.0
Benzo[j]fluoran...	15.416	7.3	ng	215385	6	15.545	593572	20.0