

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133820.D
 Acq On : 16 Jun 2023 22:28
 Operator : CG\JU
 Sample : 03224-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-10

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: BF133820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.540	412	417	424	rBV5	6730	10306	1.33%	0.096%
2	5.087	506	510	518	rBV	44728	51921	6.69%	0.486%
3	5.487	574	578	593	rVB	741728	696102	89.69%	6.515%
4	6.422	734	737	741	rBV	18046	17568	2.26%	0.164%
5	6.492	745	749	760	rVV	905386	776150	100.00%	7.264%
6	6.692	780	783	787	rVB3	12603	15609	2.01%	0.146%
7	6.863	809	812	816	rBV	665926	520287	67.03%	4.869%
8	7.422	903	907	911	rBV	561627	454608	58.57%	4.255%
9	8.145	1026	1030	1032	rBV	592746	530327	68.33%	4.963%
10	8.163	1032	1033	1038	rVB	25228	14156	1.82%	0.132%
11	8.857	1147	1151	1158	rVB	16883	18258	2.35%	0.171%
12	8.957	1164	1168	1171	rVB	11412	10302	1.33%	0.096%
13	9.216	1208	1212	1215	rBV	1046055	775736	99.95%	7.260%
14	9.486	1254	1258	1263	rVB3	9482	12776	1.65%	0.120%
15	9.557	1267	1270	1272	rBV	13765	13724	1.77%	0.128%
16	9.757	1301	1304	1307	rBV	25083	22552	2.91%	0.211%
17	9.828	1313	1316	1321	rVB2	10871	10558	1.36%	0.099%
18	9.898	1321	1328	1331	rBV	676366	550292	70.90%	5.150%
19	9.933	1331	1334	1337	rVB	23774	23001	2.96%	0.215%
20	10.104	1359	1363	1367	rVB2	19031	15943	2.05%	0.149%
21	10.445	1418	1421	1425	rBV2	24094	23047	2.97%	0.216%
22	10.610	1445	1449	1452	rBV2	43066	42668	5.50%	0.399%
23	10.686	1459	1462	1467	rBV	489948	421064	54.25%	3.941%
24	10.816	1479	1484	1491	rBV6	17885	26271	3.38%	0.246%
25	10.998	1510	1515	1518	rBV4	9237	11931	1.54%	0.112%
26	11.192	1545	1548	1552	rVB	19913	20526	2.64%	0.192%
27	11.286	1562	1564	1569	rVB	22792	21517	2.77%	0.201%
28	11.351	1569	1575	1578	rBV8	6180	14088	1.82%	0.132%
29	11.392	1578	1582	1584	rVV	636873	540884	69.69%	5.062%
30	11.416	1584	1586	1589	rVV	317015	236461	30.47%	2.213%
31	11.469	1592	1595	1598	rVV	57987	55179	7.11%	0.516%
32	11.504	1598	1601	1603	rVB2	11423	12900	1.66%	0.121%
33	11.627	1616	1622	1624	rBV2	30276	36827	4.74%	0.345%
34	11.727	1636	1639	1644	rVB6	11665	14386	1.85%	0.135%
35	11.780	1644	1648	1650	rBV5	8129	10089	1.30%	0.094%
36	11.892	1663	1667	1669	rBV	47631	54252	6.99%	0.508%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133820.D
 Acq On : 16 Jun 2023 22:28
 Operator : CG\JU
 Sample : 03224-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-10

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	11.921	1669	1672	1677	rVV2	139776	154185	19.87%	1.443%
38	11.969	1679	1680	1683	rVV	25455	22744	2.93%	0.213%
39	12.010	1683	1687	1689	rVV	78051	87541	11.28%	0.819%
40	12.033	1689	1691	1694	rVB	33941	30710	3.96%	0.287%
41	12.104	1700	1703	1705	rVB3	17938	14356	1.85%	0.134%
42	12.192	1716	1718	1720	rBV	34310	25047	3.23%	0.234%
43	12.216	1720	1722	1727	rVB2	34216	34607	4.46%	0.324%
44	12.316	1737	1739	1742	rBV3	15472	18480	2.38%	0.173%
45	12.345	1742	1744	1747	rVB3	18459	14379	1.85%	0.135%
46	12.374	1747	1749	1751	rBV2	21086	13330	1.72%	0.125%
47	12.451	1758	1762	1763	rBV	42228	48947	6.31%	0.458%
48	12.486	1766	1768	1770	rVV2	27820	24530	3.16%	0.230%
49	12.533	1774	1776	1779	rBV	32596	29928	3.86%	0.280%
50	12.610	1786	1789	1792	rBV	468405	444395	57.26%	4.159%
51	12.710	1803	1806	1809	rBV	34625	32390	4.17%	0.303%
52	12.763	1813	1815	1818	rVV	12907	12172	1.57%	0.114%
53	12.845	1823	1829	1835	rBV	438207	505968	65.19%	4.735%
54	12.986	1849	1853	1859	rVB	819038	690762	89.00%	6.465%
55	13.063	1862	1866	1869	rBV4	31170	47634	6.14%	0.446%
56	13.145	1878	1880	1882	rBV2	28662	32110	4.14%	0.301%
57	13.174	1882	1885	1888	rVB	51772	53923	6.95%	0.505%
58	13.239	1894	1896	1899	rBV	37121	26319	3.39%	0.246%
59	13.274	1899	1902	1905	rBV2	49389	56839	7.32%	0.532%
60	13.363	1914	1917	1921	rBV2	165815	180116	23.21%	1.686%
61	13.404	1921	1924	1928	rVB3	33728	33054	4.26%	0.309%
62	13.686	1969	1972	1977	rVB	57206	52582	6.77%	0.492%
63	13.798	1987	1991	1994	rBV2	48468	65477	8.44%	0.613%
64	13.827	1994	1996	1997	rVV	37742	27046	3.48%	0.253%
65	13.845	1997	1999	2004	rVV2	50435	61010	7.86%	0.571%
66	13.898	2005	2008	2011	rVB	67499	73861	9.52%	0.691%
67	14.051	2027	2034	2036	rBV3	484370	720578	92.84%	6.744%
68	14.074	2036	2038	2044	rVB	209402	188167	24.24%	1.761%
69	14.151	2048	2051	2054	rVB2	63526	72465	9.34%	0.678%
70	15.110	2211	2214	2218	rBV	138094	199672	25.73%	1.869%
71	15.427	2266	2268	2274	rVB	76612	84919	10.94%	0.795%
72	15.492	2276	2279	2282	rVB	103301	122060	15.73%	1.142%
73	15.557	2287	2290	2294	rBV	200432	251218	32.37%	2.351%
74	16.033	2369	2371	2375	rBV	41062	48874	6.30%	0.457%

Sum of corrected areas: 10684661

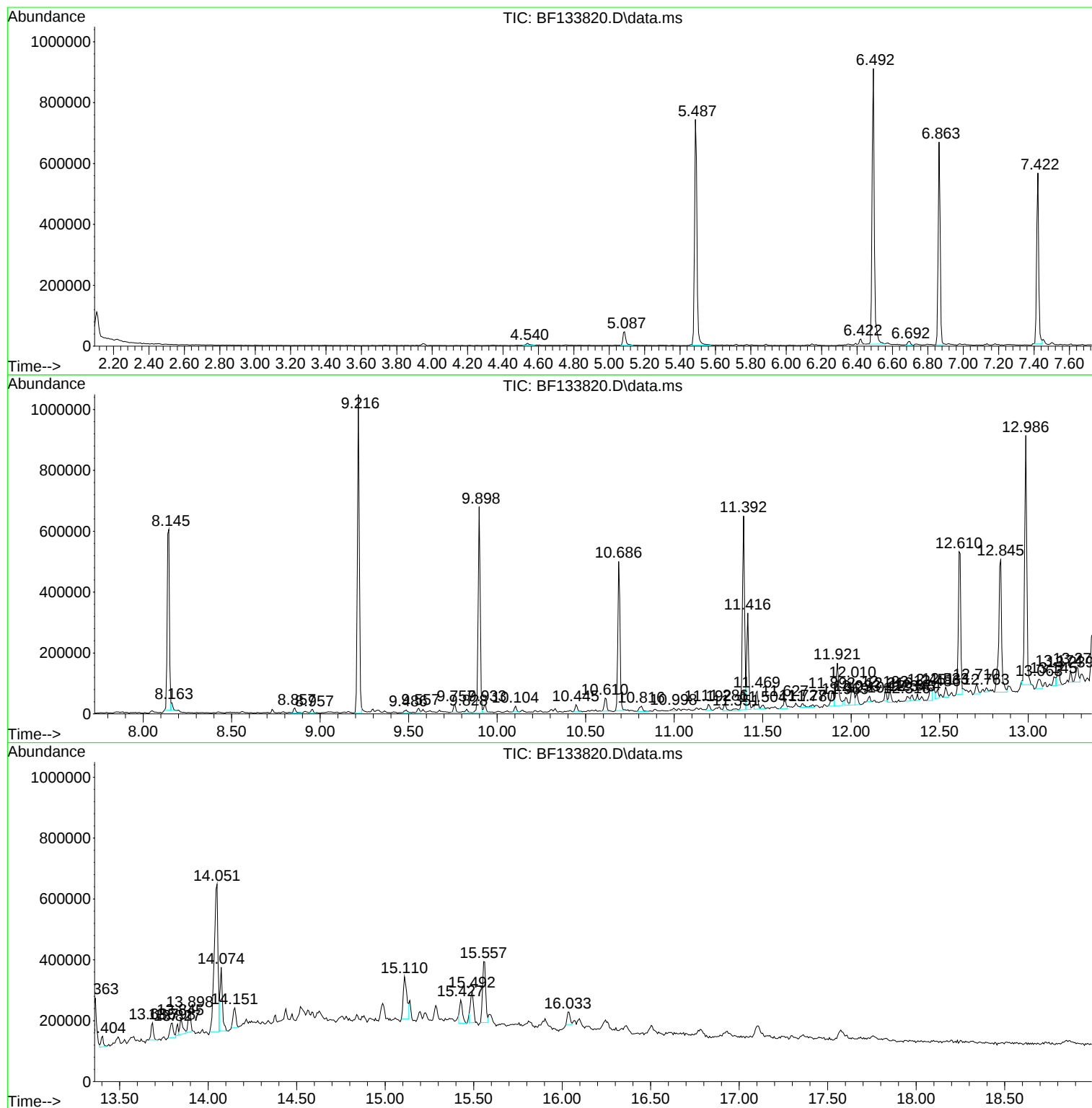
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

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 : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

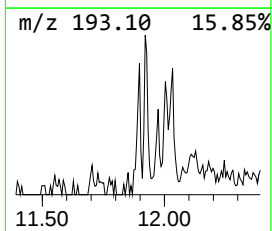
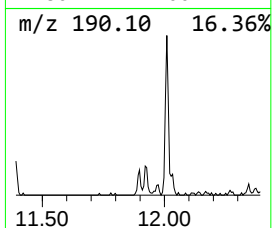
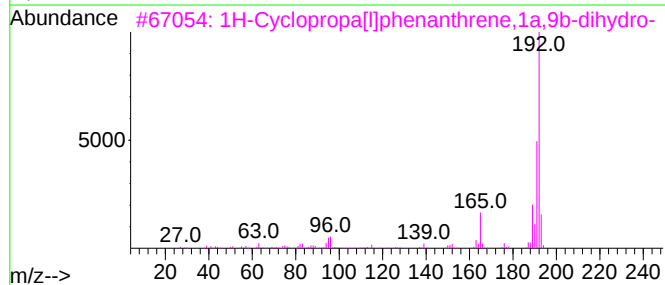
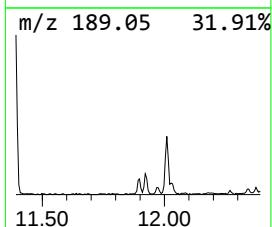
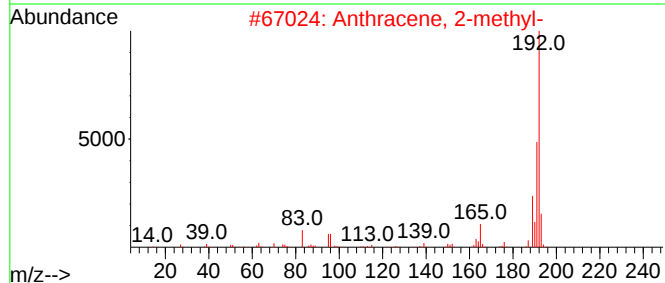
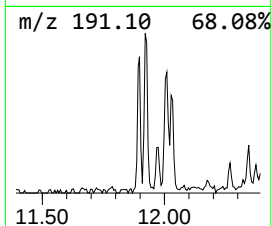
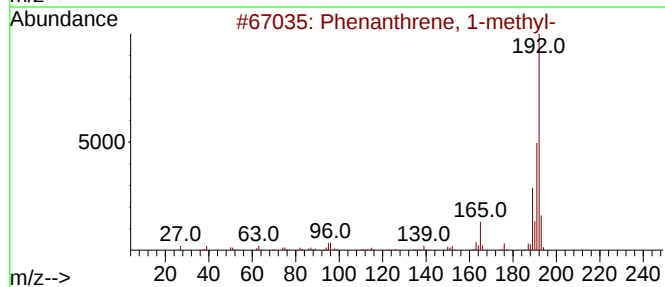
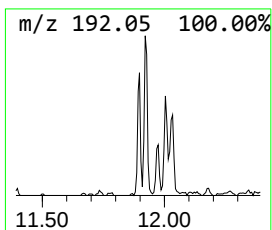
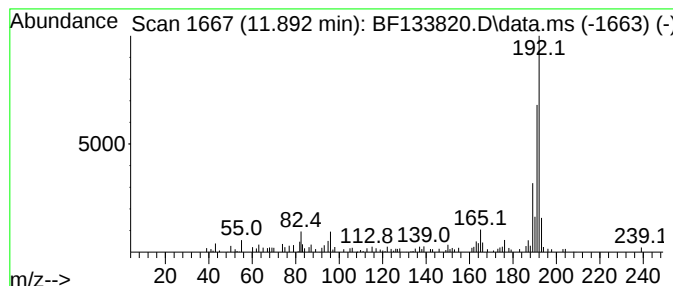
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.01 ng	54252	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

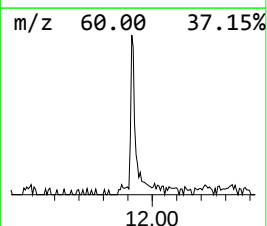
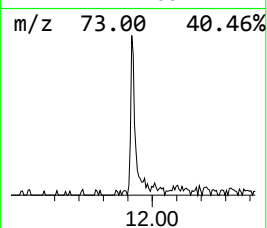
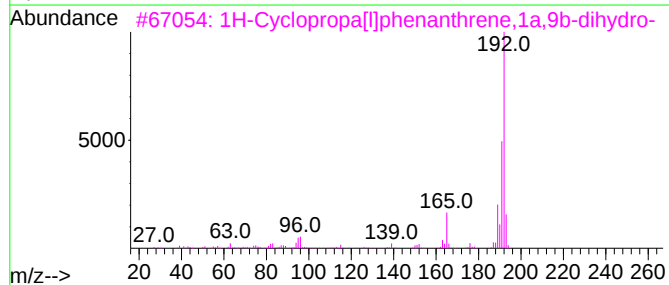
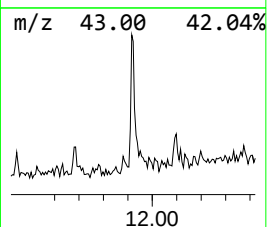
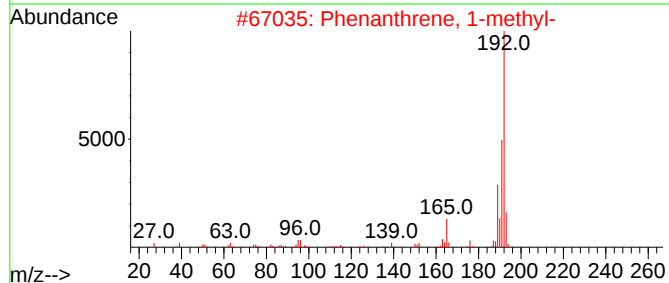
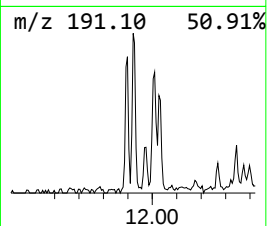
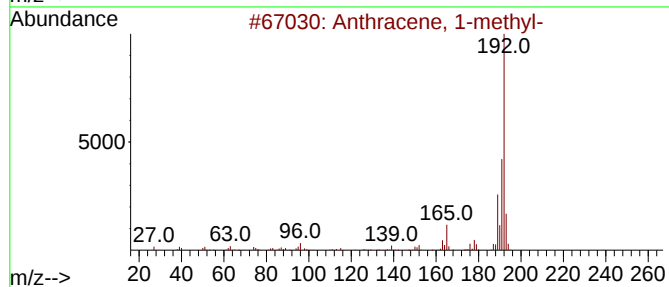
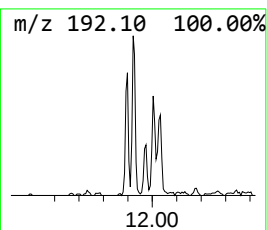
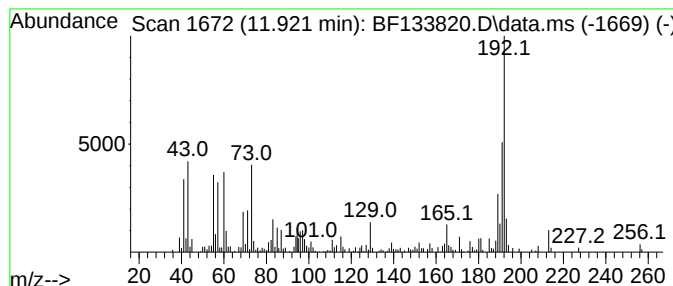
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

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 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.922	5.70 ng	154185	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

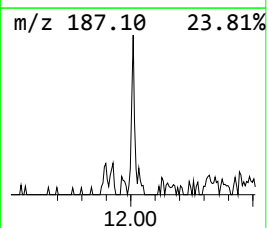
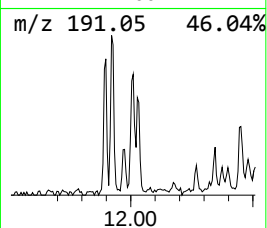
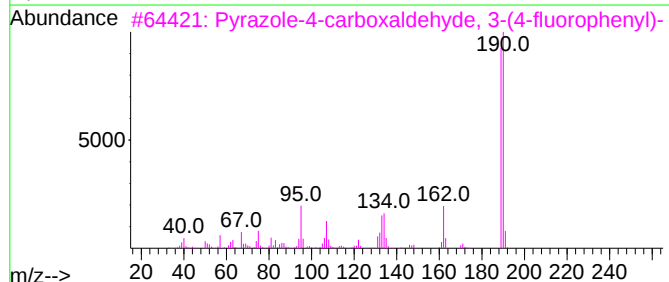
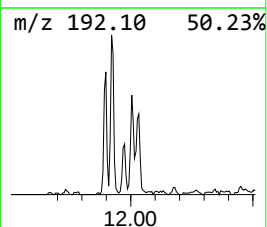
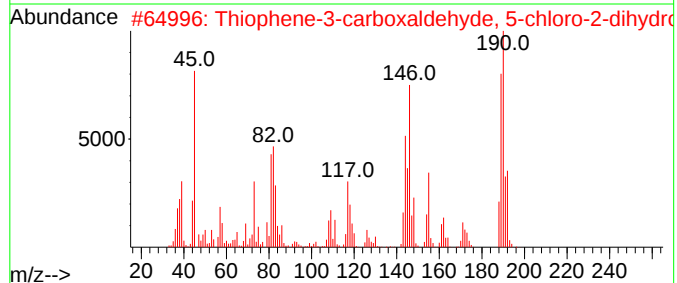
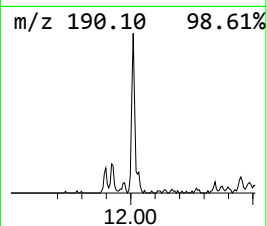
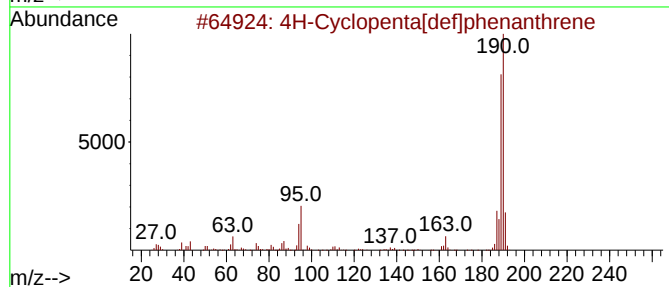
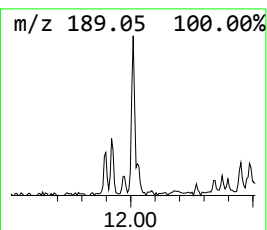
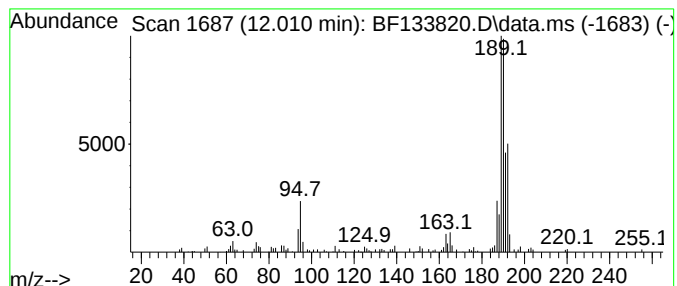
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

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 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.010	3.24 ng	87541	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

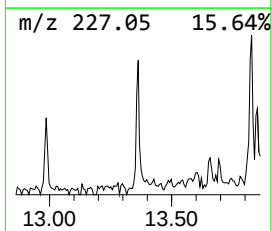
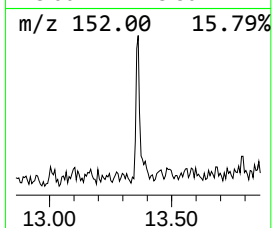
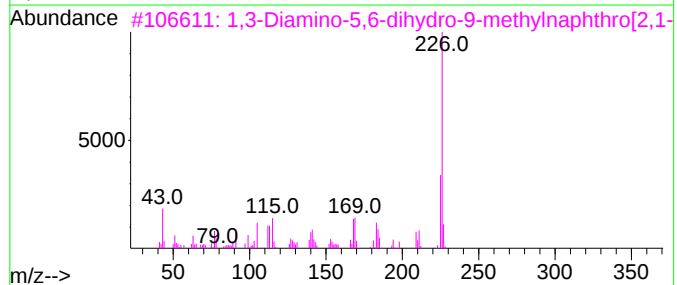
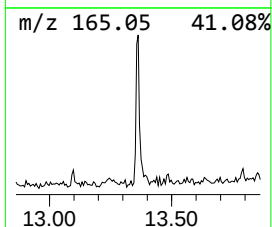
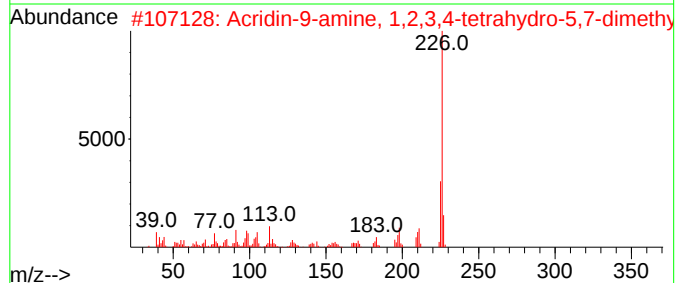
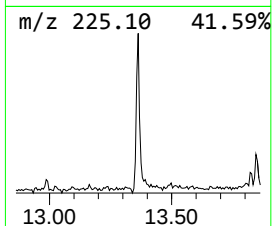
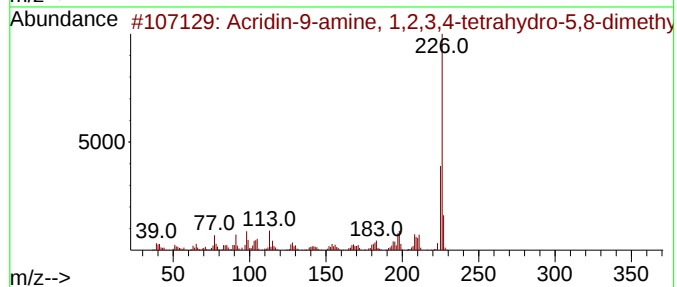
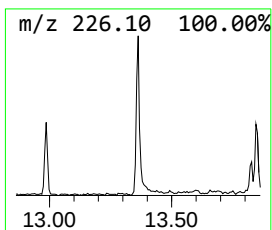
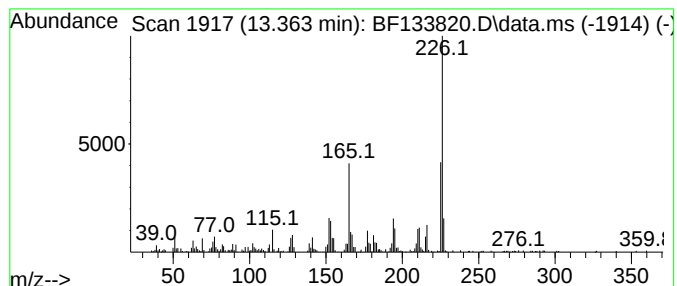
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

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 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.363	5.00 ng	180116	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	58
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	50
4	N,N-Dimethylindooaniline	226	C14H14N2O	002150-58-5	47
5	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

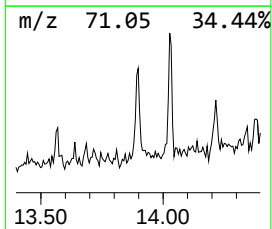
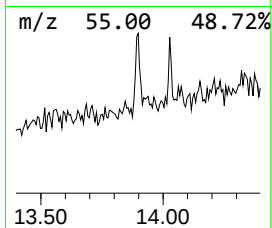
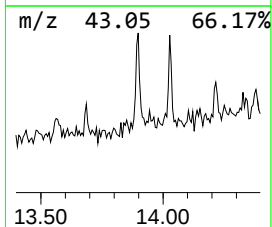
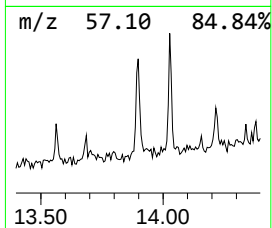
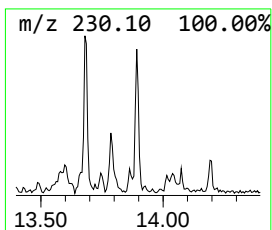
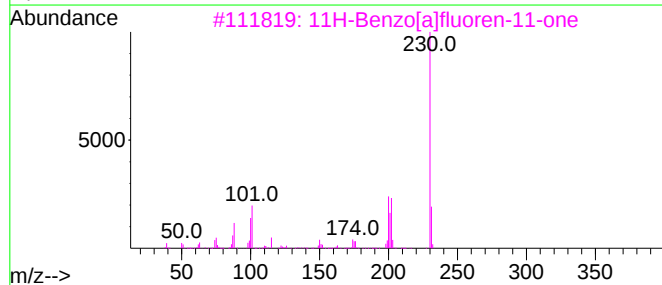
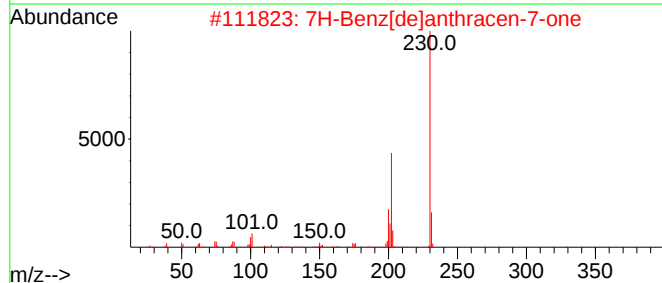
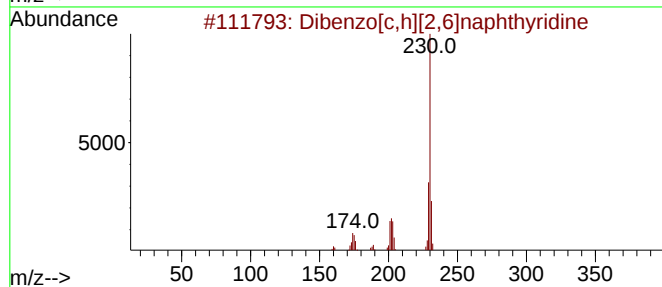
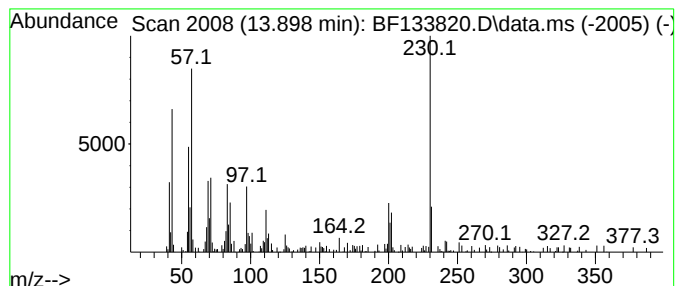
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

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 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.898	2.05 ng	73861	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	52
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
5	8-Chlorobenzo[h][1,6]-naphthyrid...	230	C12H7ClN2O	025100-26-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

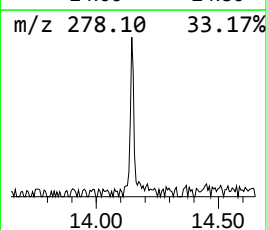
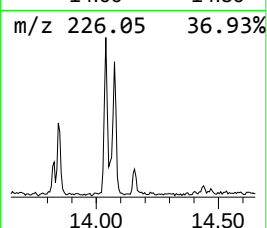
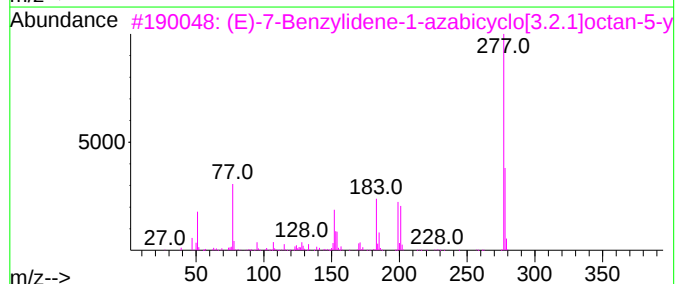
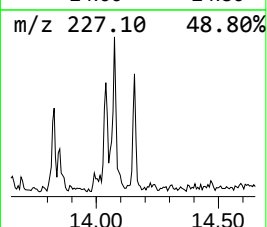
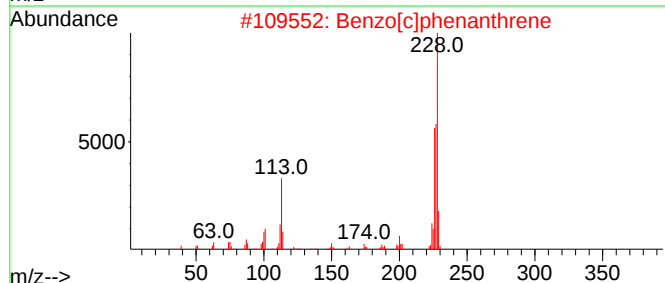
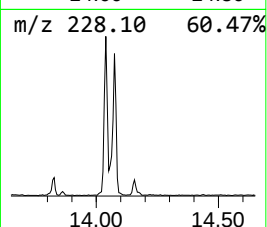
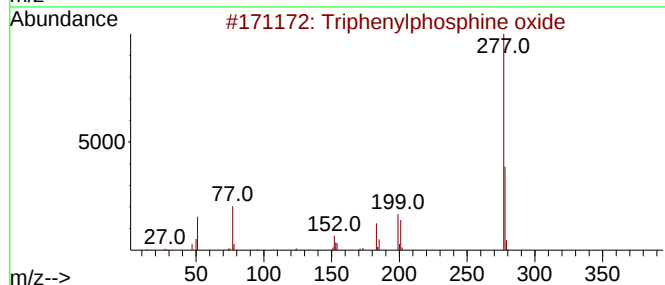
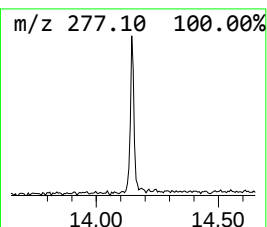
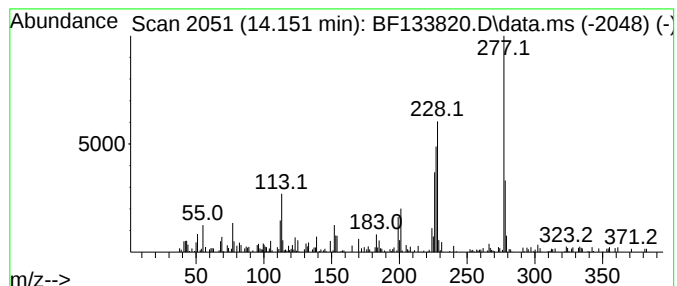
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.151 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	2.01 ng	72465	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	46
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	25
3			(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	25
4			Citrusol, 3TMS	510	C24H42O6Si3	1000513-04-6	16
5			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

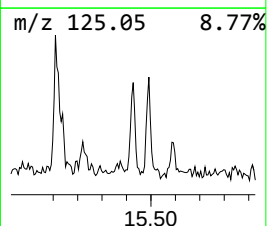
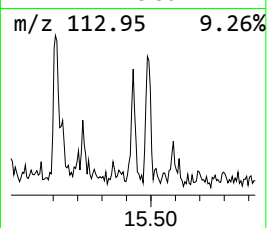
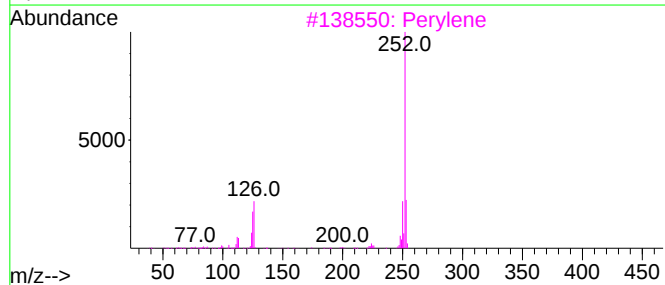
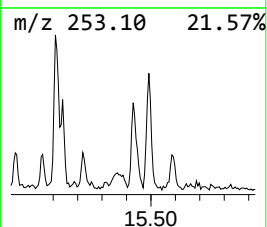
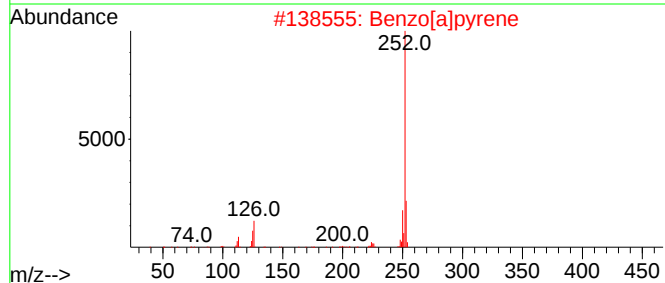
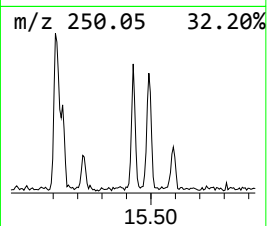
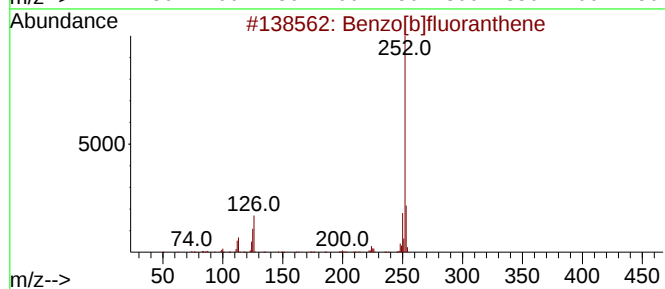
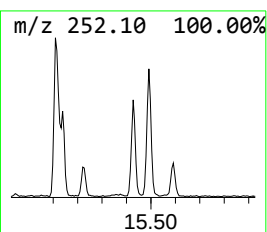
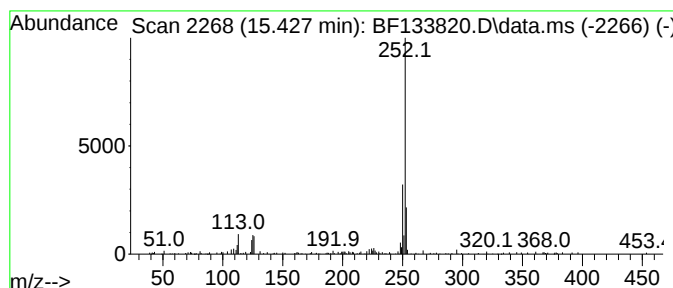
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	6.76 ng	84919	Perylene-d12	15.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	89
3			Perylene	252	C20H12	000198-55-0	86
4			Benzo[e]pyrene	252	C20H12	000192-97-2	83
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

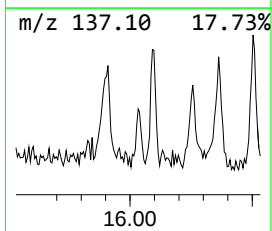
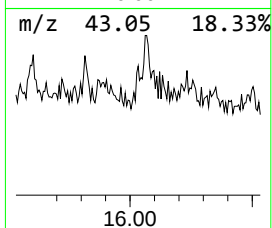
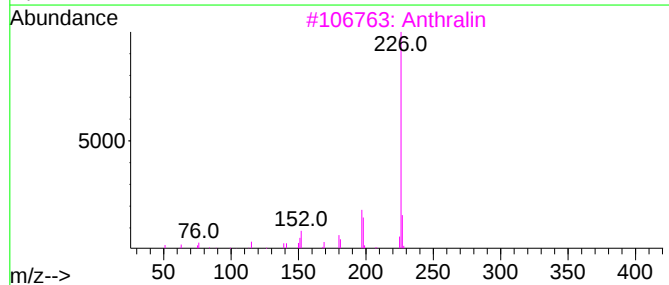
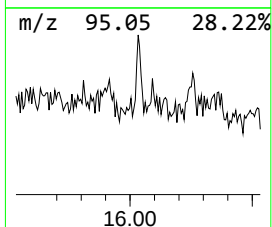
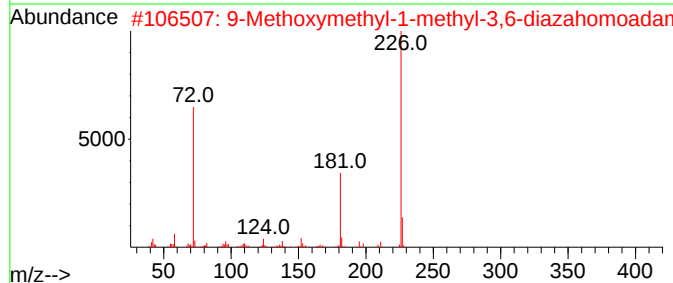
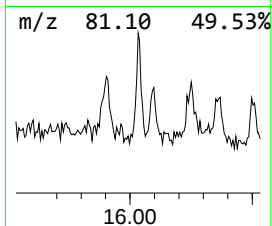
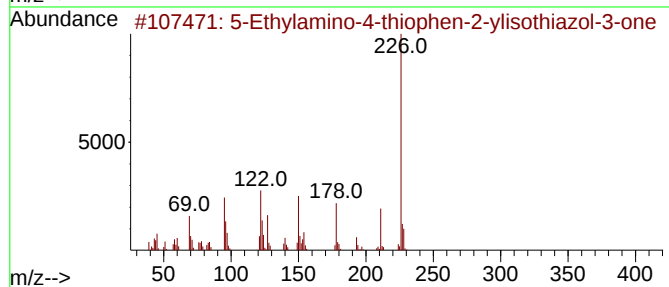
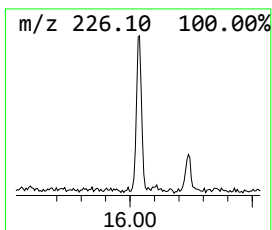
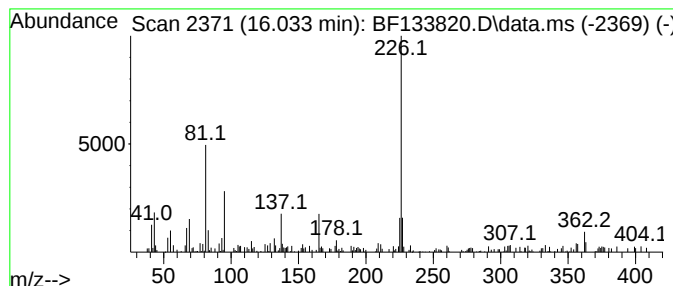
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Ethylamino-4-thiophen-2-y... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	3.89 ng	48874	Perylene-d12	15.562

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Ethylamino-4-thiophen-2-ylisot...	226	C9H10N2OS2	1010311-85-2	50
2			9-Methoxymethyl-1-methyl-3,6-dia...	226	C12H22N2O2	1000216-30-2	49
3			Anthralin	226	C14H10O3	001143-38-0	49
4			Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	47
5			1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133820.D
Acq On : 16 Jun 2023 22:28
Operator : CG\JU
Sample : 03224-07 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Phenanthrene, 1...	11.892	2.0	ng	54252	4	11.392	540884	20.0
Anthracene, 1-m...	11.922	5.7	ng	154185	4	11.392	540884	20.0
4H-Cyclopenta[d...	12.010	3.2	ng	87541	4	11.392	540884	20.0
Acridin-9-amine...	13.363	5.0	ng	180116	5	14.051	720578	20.0
Dibenzo[c,h][2,...	13.898	2.0	ng	73861	5	14.051	720578	20.0
unknown14.151	14.151	2.0	ng	72465	5	14.051	720578	20.0
Perylene	15.427	6.8	ng	84919	6	15.562	251218	20.0
5-Ethylamino-4-...	16.033	3.9	ng	48874	6	15.562	251218	20.0