

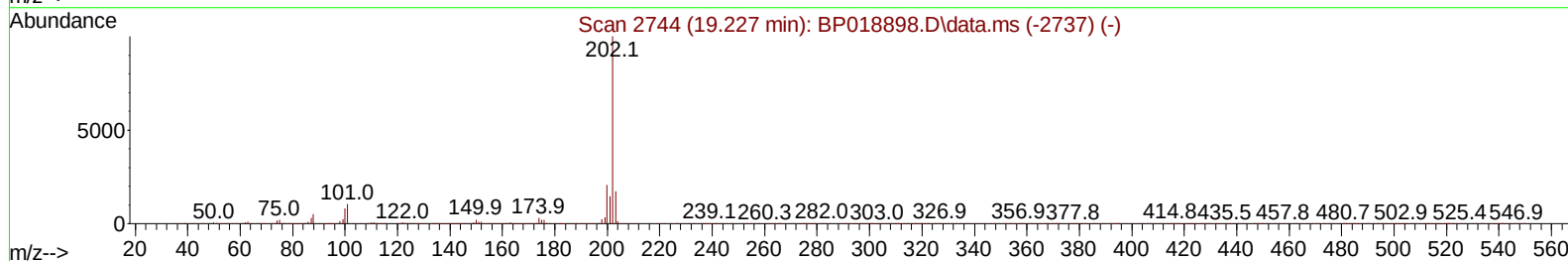
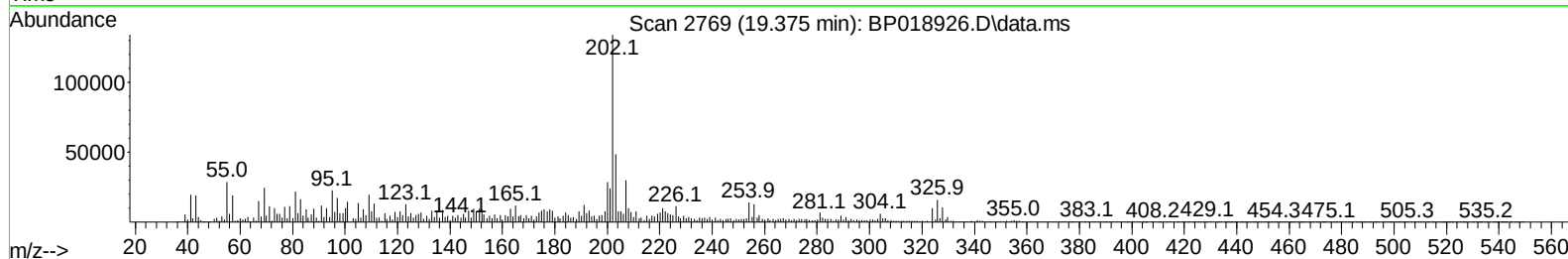
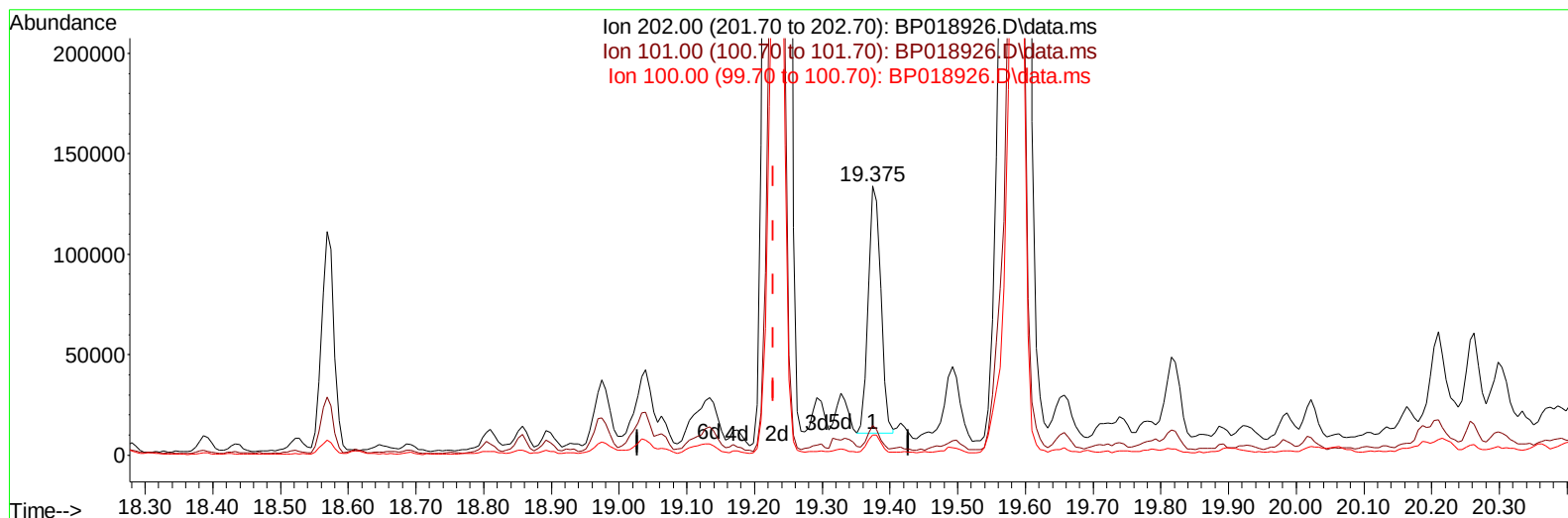
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018926.D
Acq On : 19 Dec 2023 02:06
Operator : MA/JU
Sample : 05794-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:49:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018926.D\data.ms

(80) Fluoranthene

19.375min (+ 0.147) 1.70 ng/u1

response 159611

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	10.97
100.00	8.90	7.47
0.00	0.00	0.00

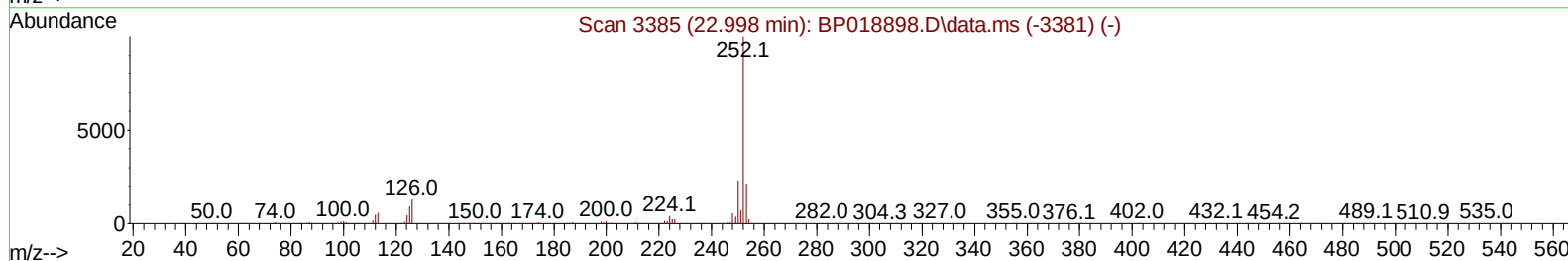
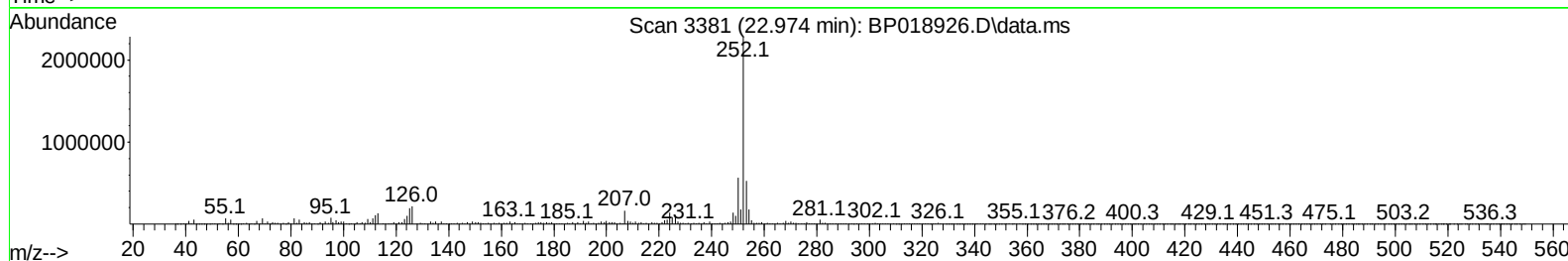
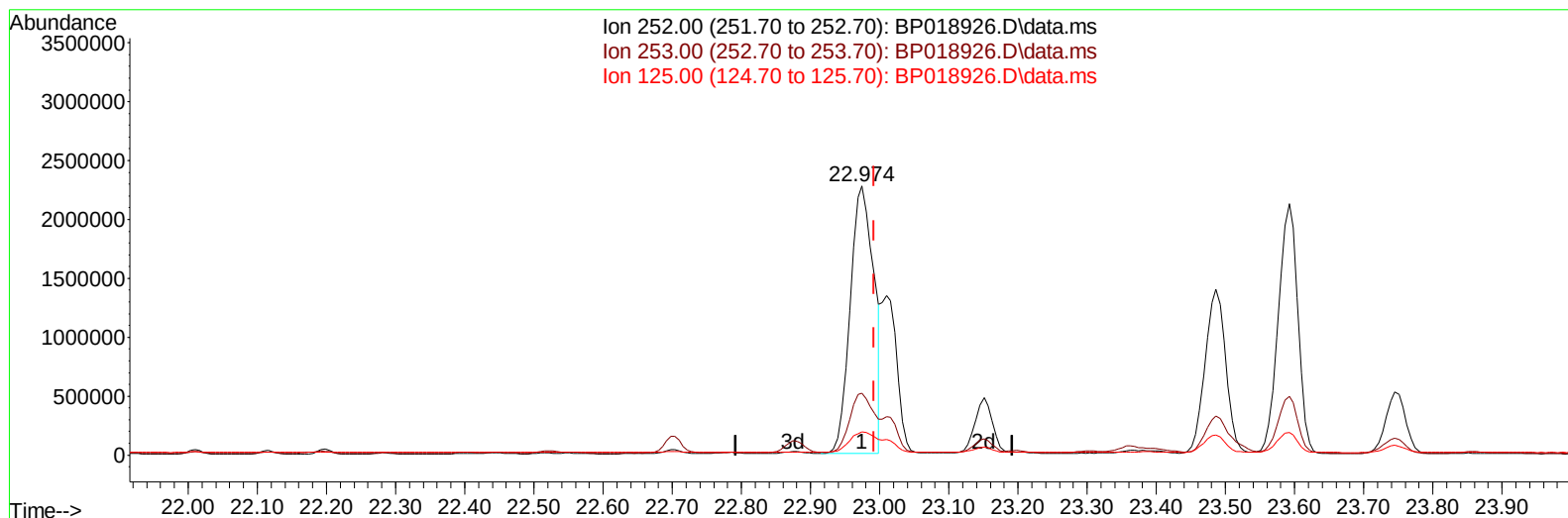
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018926.D\data.ms

(91) Benzo(k)fluoranthene

22.974min (-0.018) 57.23 ng/u1

response 5370054

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.10
125.00	10.00	8.62
0.00	0.00	0.00

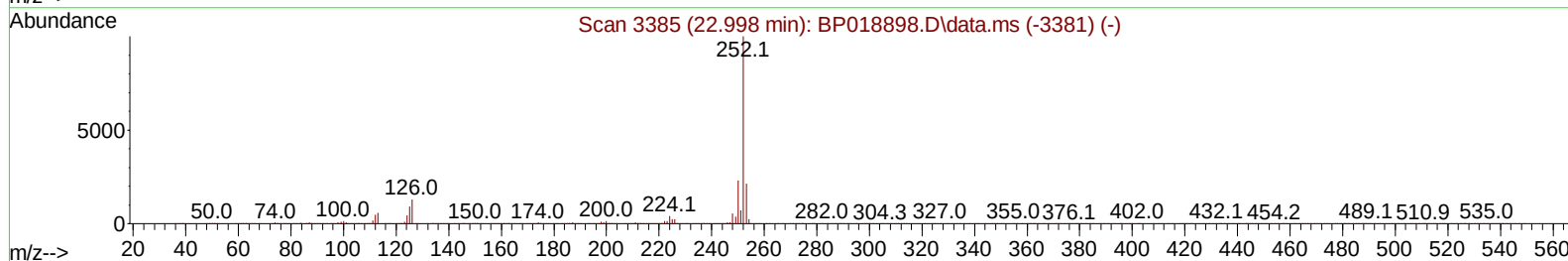
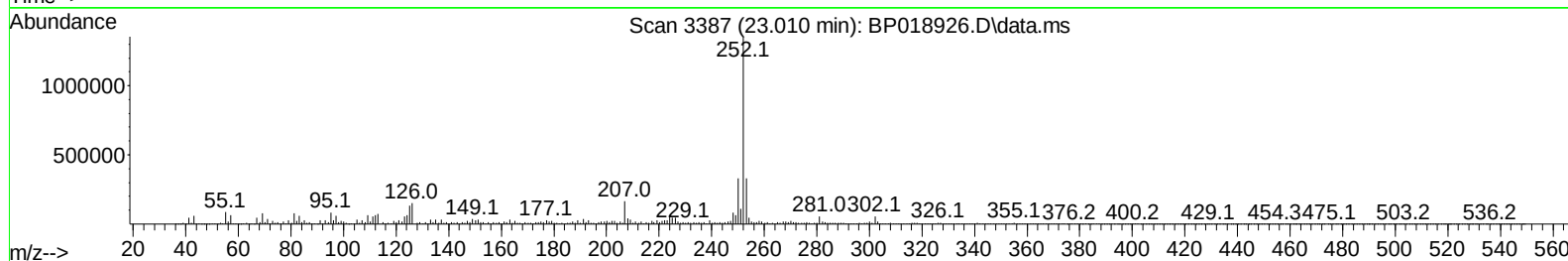
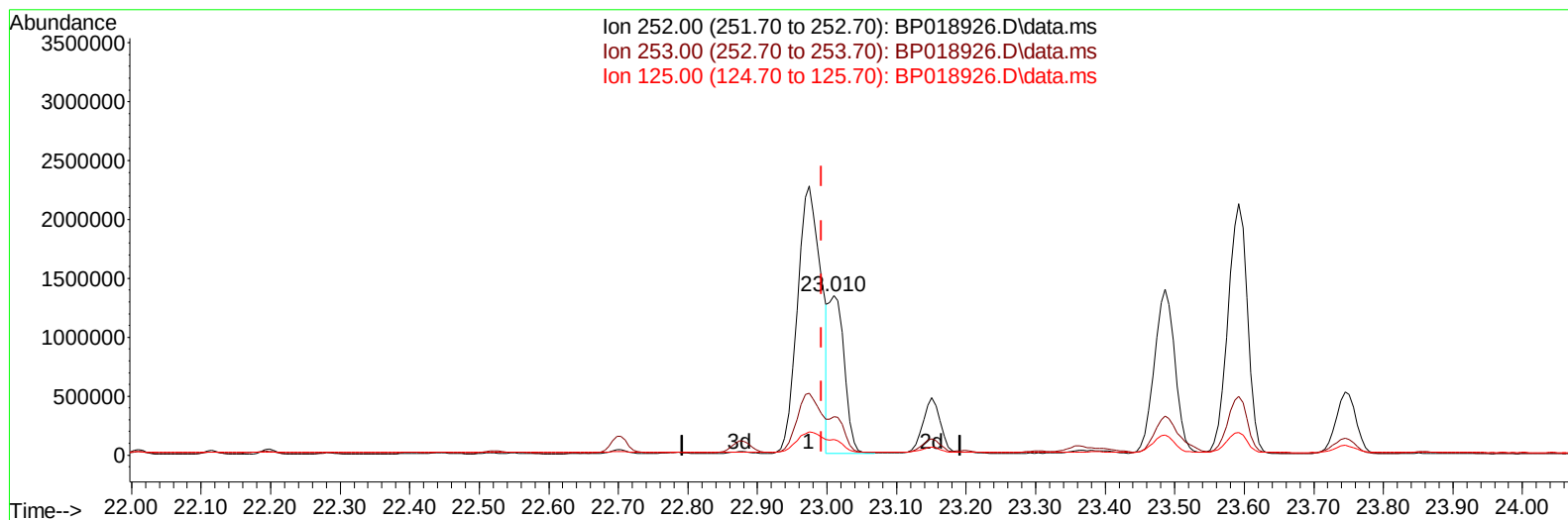
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018926.D\data.ms

(91) Benzo(k)fluoranthene

23.010min (+ 0.018) 22.43 ng/ul m

response 2104539

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.26
125.00	10.00	9.71
0.00	0.00	0.00

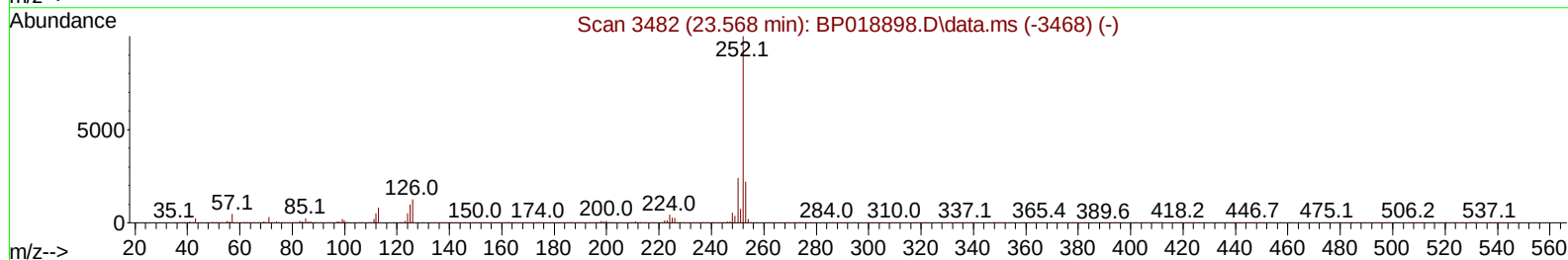
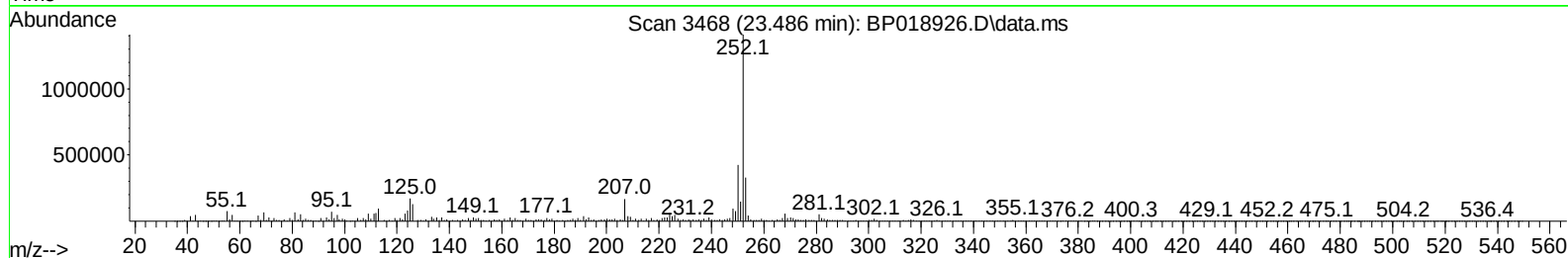
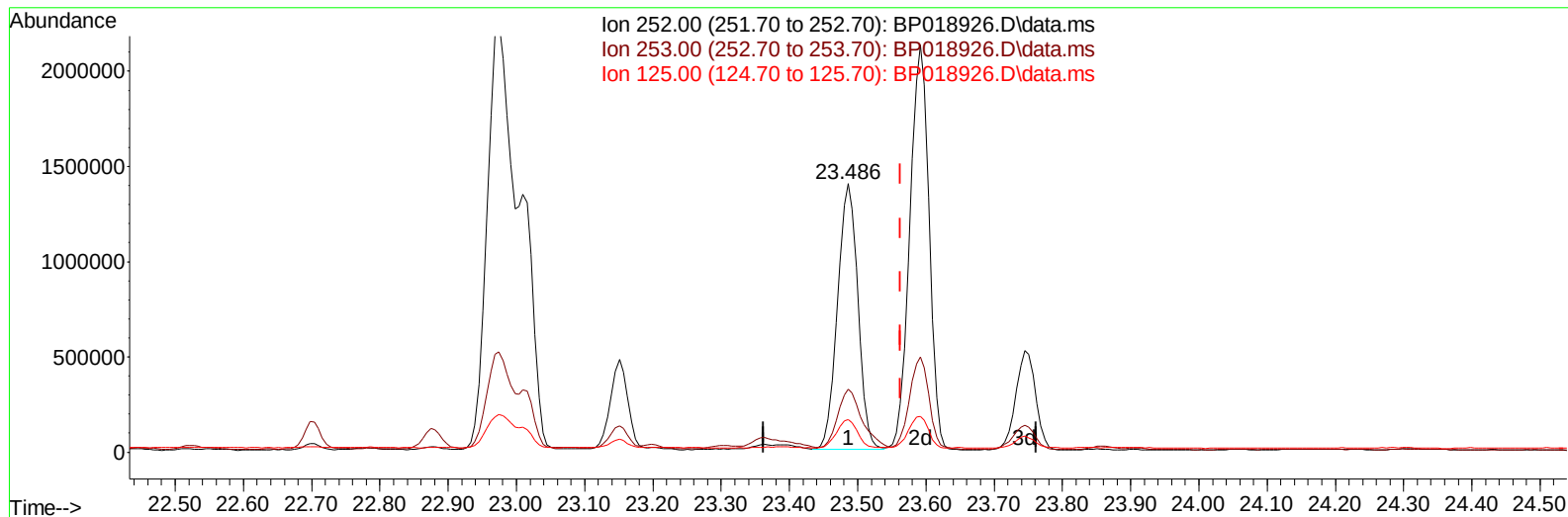
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018926.D\data.ms

(93) Benzo(a)pyrene (C)

23.486min (-0.076) 32.62 ng/u1

response 2890920

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.56
125.00	11.50	12.05
0.00	0.00	0.00

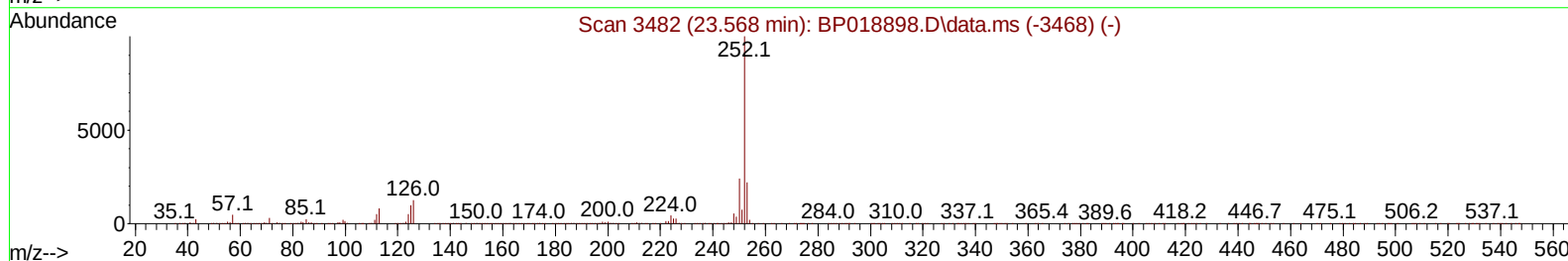
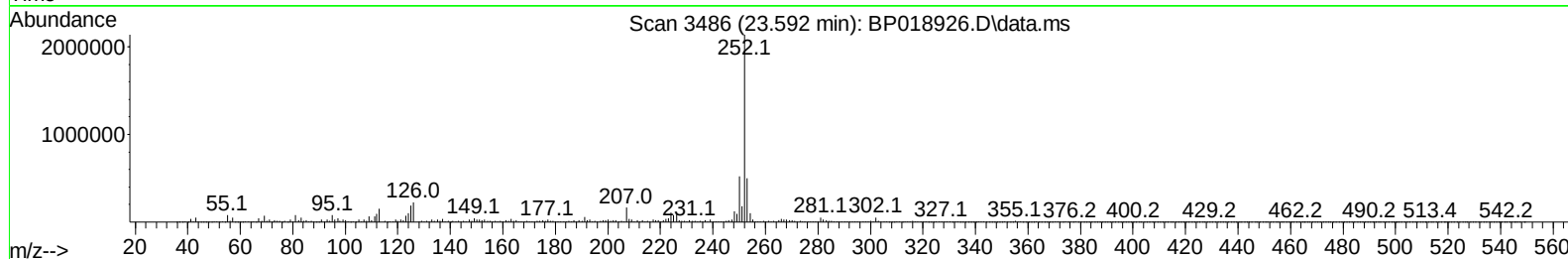
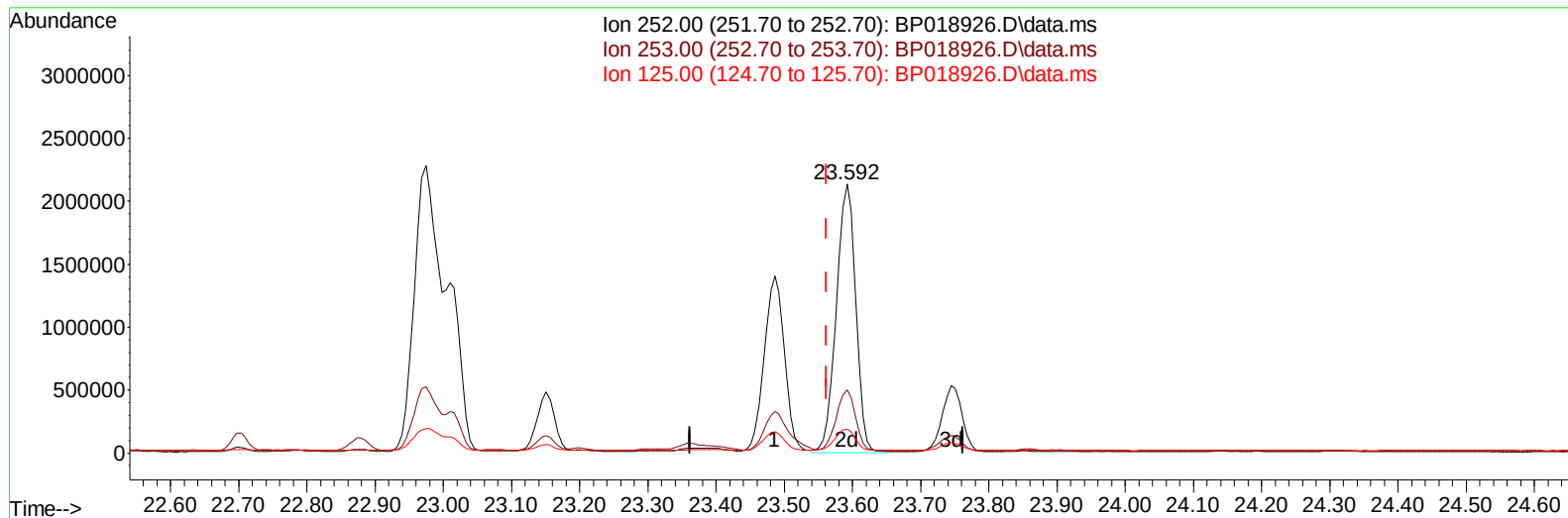
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018926.D\data.ms

(93) Benzo(a)pyrene (C)

23.592min (+ 0.029) 47.72 ng/ul m

response 4228524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.40
125.00	11.50	8.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	209500	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	755182	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	466103	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1054114	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1019271	20.000	ng/ul	0.01
88) Perylene-d12	23.692	264	1315371	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	18269	2.972	ng/uL	0.00
4) Pyridine-d5	3.687	84	41573	2.525	ng/ul	0.01
7) Phenol-d5	7.011	99	288270	13.711	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	169995	13.642	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	239385	14.592	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	182342	10.717	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	110569	16.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	120371	17.274	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	228015	16.002	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	81820	4.394	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	637248	15.318	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	775168	16.922	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	84377	12.357	ng/ul	0.02
60) Fluorene-d10	15.457	176	603550	17.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	23795	3.765	ng/ul	0.00
73) Anthracene-d10	17.316	188	974389	17.583	ng/ul	0.00
81) Pyrene-d10	19.557	212	1178055	14.848	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	1256074	16.377	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.975	77	28177	2.596	ng/ul	91
8) Phenol	7.040	94	132650	6.434	ng/ul	99
16) Acetophenone	8.657	105	772582	30.468	ng/ul	100
30) Naphthalene	10.675	128	187828	4.100	ng/ul	99
36) 2-Methylnaphthalene	12.287	142	78423	2.416	ng/ul	97
37) 1-Methylnaphthalene	12.504	142	68144	2.079	ng/ul#	100
50) Acenaphthylene	14.187	152	328705	6.382	ng/ul	98
52) Acenaphthene	14.528	153	143939	4.227	ng/ul	95
56) Dibenzofuran	14.863	168	161093	3.404	ng/ul	97
61) Fluorene	15.516	166	252051	6.730	ng/ul	99
72) Phenanthrene	17.257	178	3773159	59.267	ng/ul	99
74) Anthracene	17.351	178	1025930	16.077	ng/ul	100
77) Carbazole	17.628	167	381632	7.504	ng/ul	99
80) Fluoranthene	19.233	202	7058229m	75.259	ng/ul	
82) Pyrene	19.586	202	6880592	72.724	ng/ul#	93
85) Benzo(a)anthracene	21.298	228	4192975	50.681	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.222	149	273904	5.753	ng/ul#	95
87) Chrysene	21.351	228	3922909	51.490	ng/ul	96
90) Benzo(b)fluoranthene	22.974	252	5370054	55.371	ng/ul	97
91) Benzo(k)fluoranthene	23.010	252	2104539m	22.427	ng/ul	
93) Benzo(a)pyrene	23.592	252	4228524m	47.717	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.174	276	3009471	28.424	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.174	278	822333	9.337	ng/ul#	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 02:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----	-----
96) Benzo(g,h,i)perylene	26.939	276		1922326	22.560	ng/ul#	94
-----	-----	-----	-----	-----	-----	-----	-----

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018926.D
 Acq On : 19 Dec 2023 02:06
 Operator : MA/JU
 Sample : 05794-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGRF9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 02:51:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

