

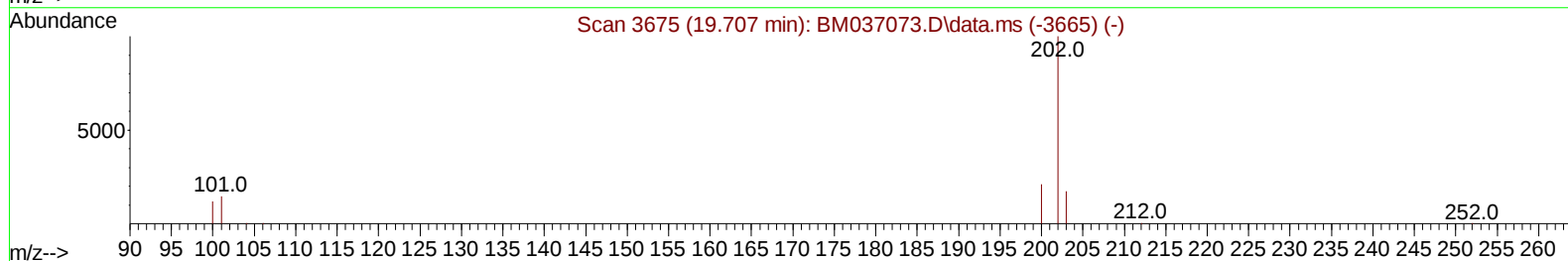
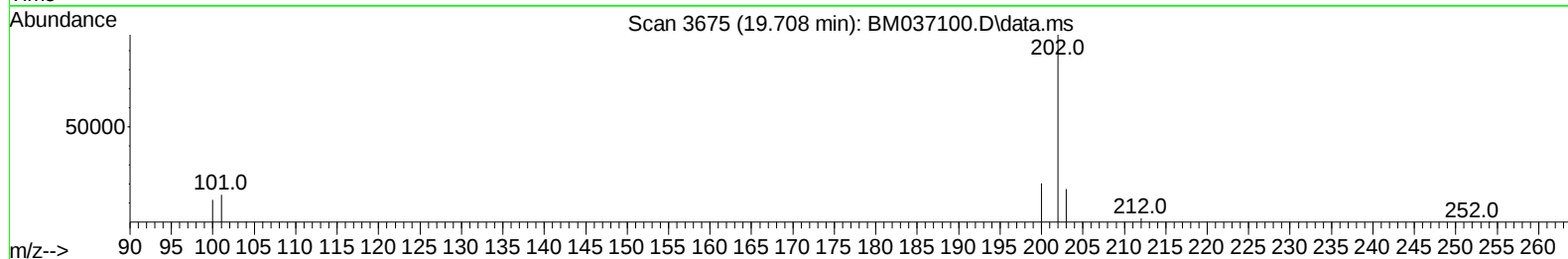
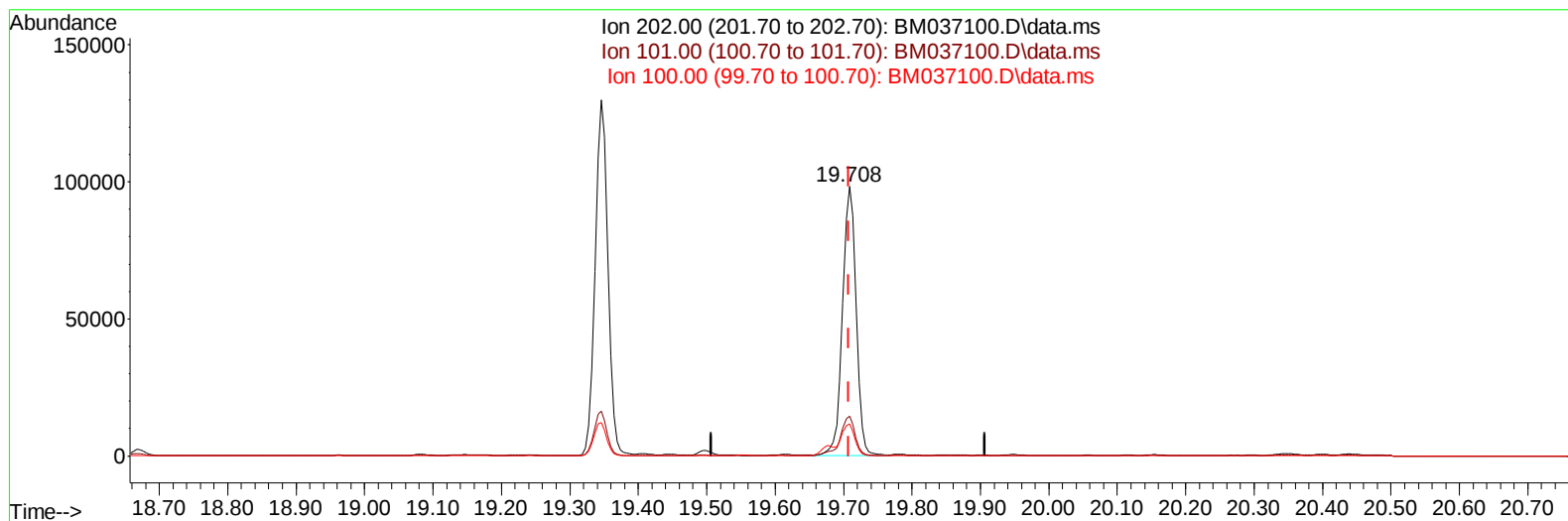
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037100.D
Acq On : 15 Oct 2022 19:57
Operator : CG/JU
Sample : N5049-16DL 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



TIC: BM037100.D\data.ms

(20) Pyrene

19.708min (+ 0.001) 2.45 ng/u1

response 132468

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.00	14.70
100.00	12.20	11.88
0.00	0.00	0.00

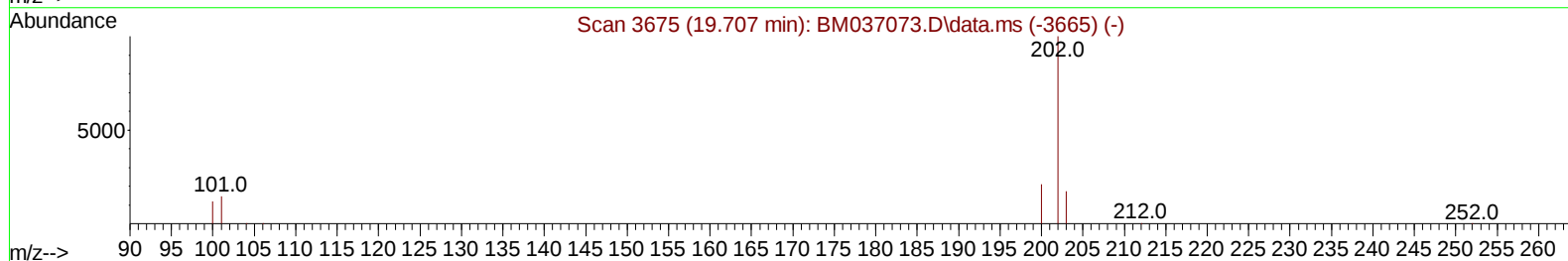
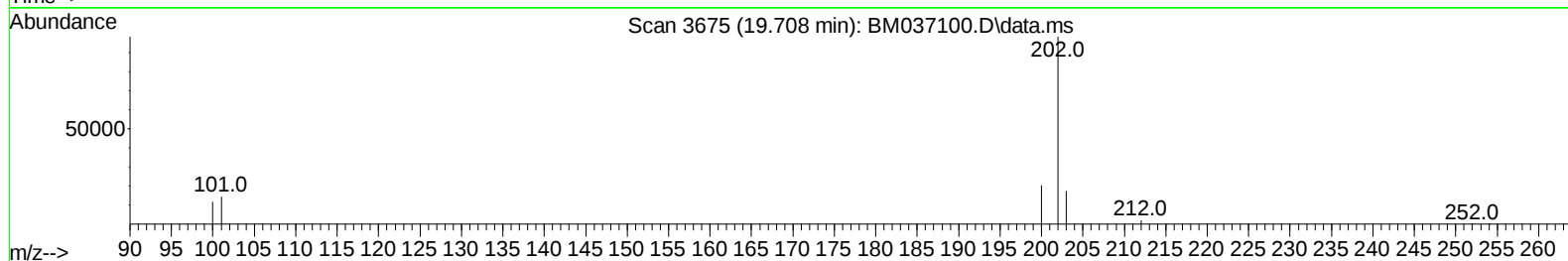
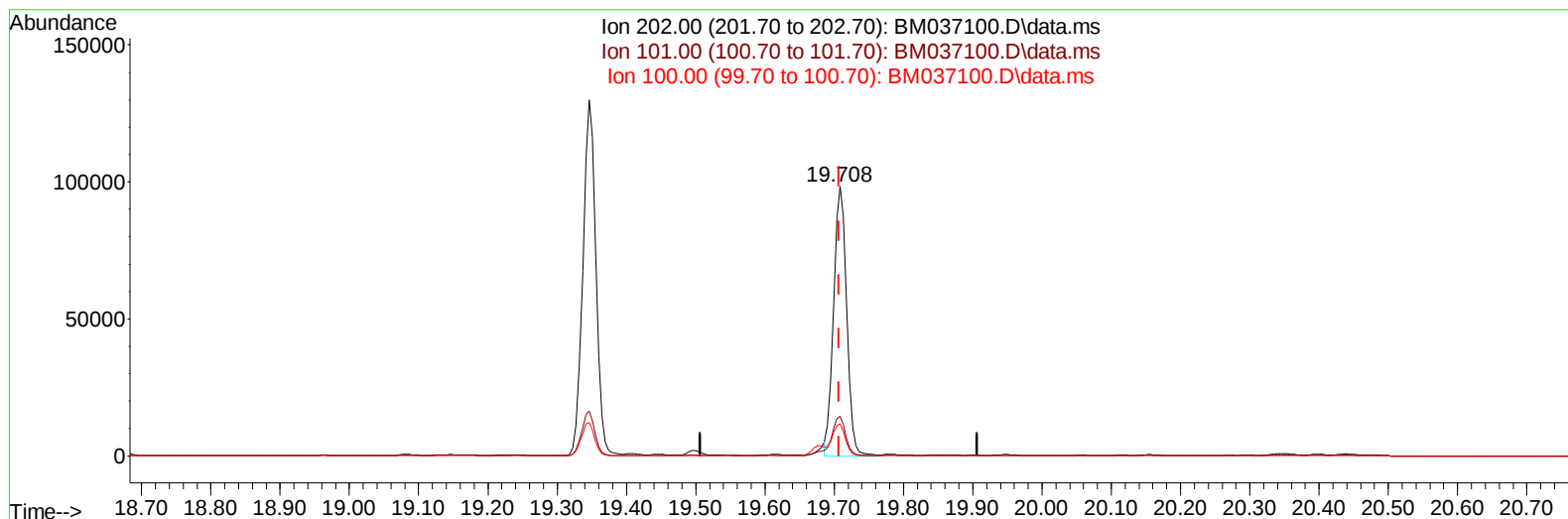
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037100.D
 Acq On : 15 Oct 2022 19:57
 Operator : CG/JU
 Sample : N5049-16DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:57:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



TIC: BM037100.D\data.ms

(20) Pyrene

19.708min (+ 0.001) 2.42 ng/ul m

response 130757

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.00	14.70
100.00	12.20	11.88
0.00	0.00	0.00

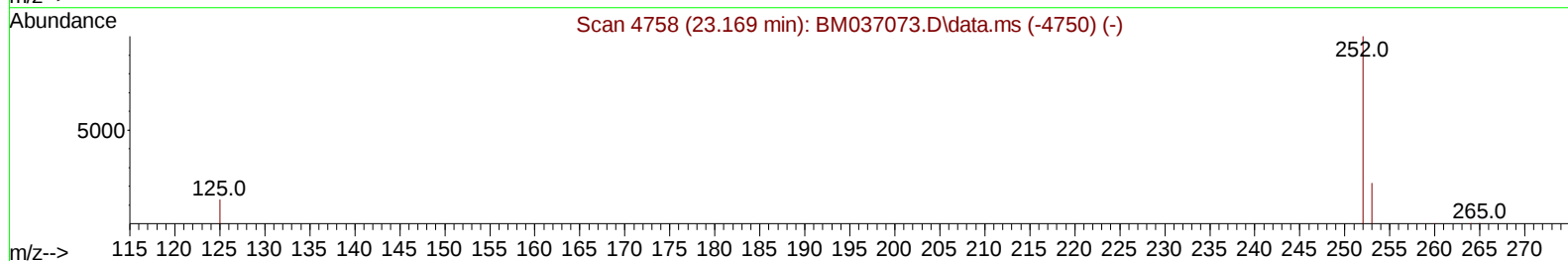
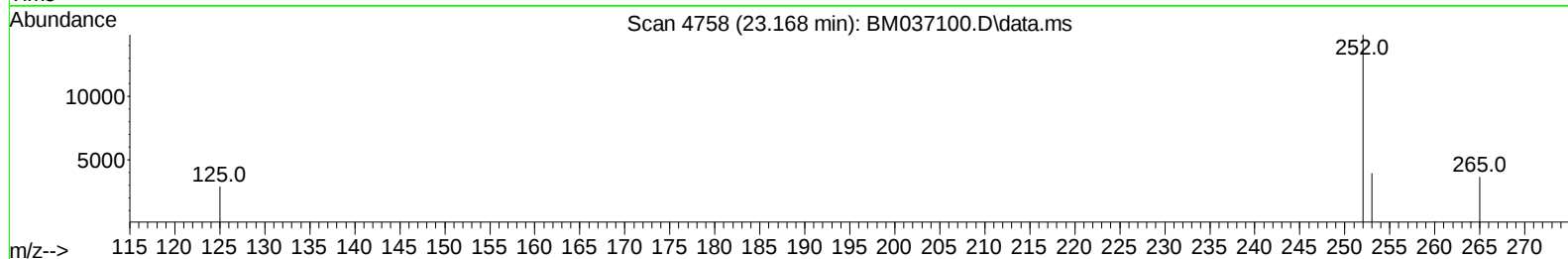
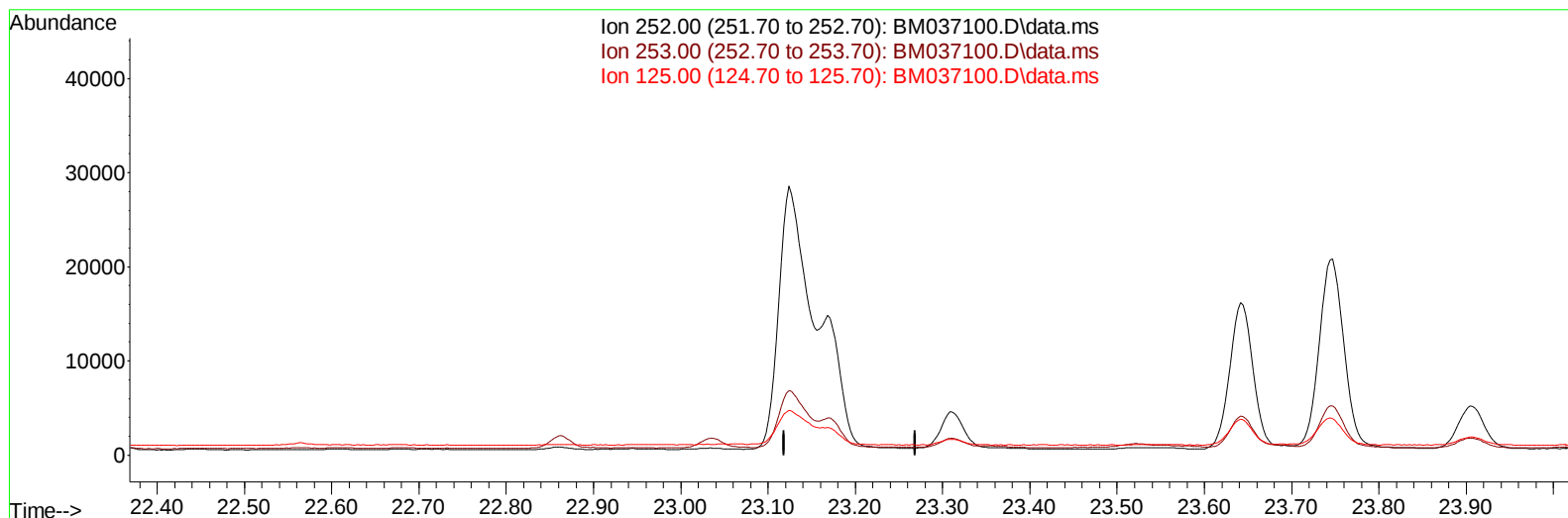
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037100.D
 Acq On : 15 Oct 2022 19:57
 Operator : CG/JU
 Sample : N5049-16DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:57:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



TIC: BM037100.D\data.ms

(25) Benzo(k)fluoranthene

23.169min (-23.169) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	31.50	0.00#
125.00	22.90	0.00#
0.00	0.00	0.00

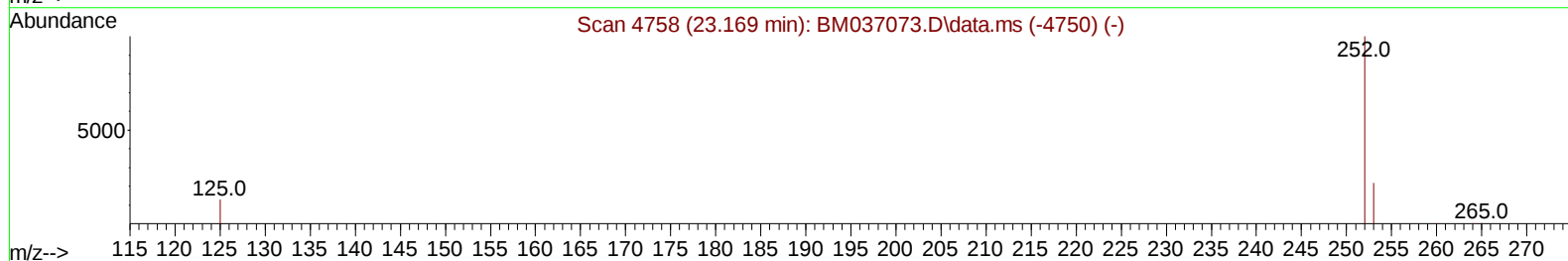
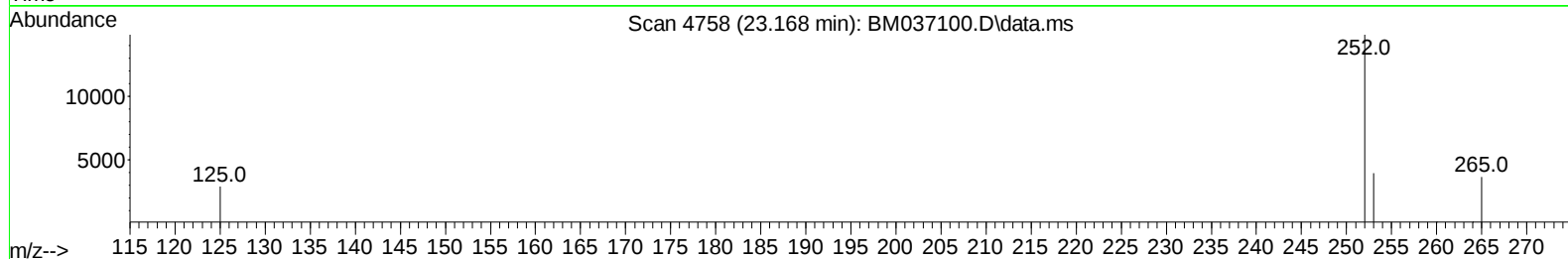
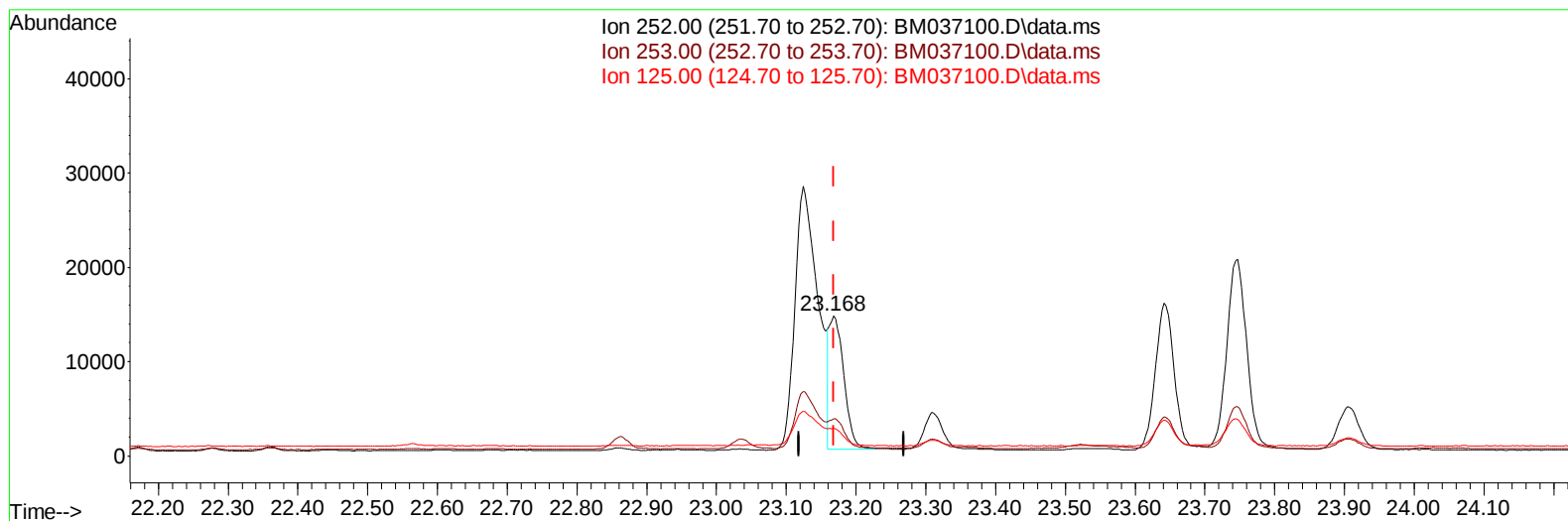
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037100.D
Acq On : 15 Oct 2022 19:57
Operator : CG/JU
Sample : N5049-16DL 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



TIC: BM037100.D\data.ms

(25) Benzo(k)fluoranthene

23.168min (-0.001) 0.45 ng/u1 m

response 20313

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.50	26.68
125.00	22.90	19.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037100.D
 Acq On : 15 Oct 2022 19:57
 Operator : CG/JU
 Sample : N5049-16DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 00:57:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6167	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22190	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	11707	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	22013	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	13041	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	10434	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6613	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1681	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	2693	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	30889	0.487	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	20122	0.519	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	16240	0.412	ng/ul	99
10) Acenaphthylene	14.275	152	5294	0.109	ng/ul#	90
11) Acenaphthene	14.618	153	3667	0.087	ng/ul	99
12) Fluorene	15.603	166	5143	0.107	ng/ul#	98
15) Phenanthrene	17.335	178	134194	1.910	ng/ul	99
16) Anthracene	17.424	178	22908	0.390	ng/ul	100
19) Fluoranthene	19.346	202	169501	3.268	ng/ul	99
20) Pyrene	19.708	202	130757m	2.417	ng/ul	
21) Benzo(a)anthracene	21.452	228	56649	1.202	ng/ul	99
22) Chrysene	21.502	228	58941	1.165	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	66363	1.424	ng/ul	89
25) Benzo(k)fluoranthene	23.168	252	20313m	0.447	ng/ul	
26) Benzo(a)pyrene	23.747	252	40258	1.064	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.325	276	27322	0.510	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.332	278	7512	0.174	ng/ul	97
29) Benzo(g,h,i)perylene	27.087	276	22432	0.475	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037100.D
Acq On : 15 Oct 2022 19:57
Operator : CG/JU
Sample : N5049-16DL 5X
Misc :
ALS Vial : 98 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS4DL

Manual IntegrationsAPPROVED

Quant Time: Oct 17 00:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

