

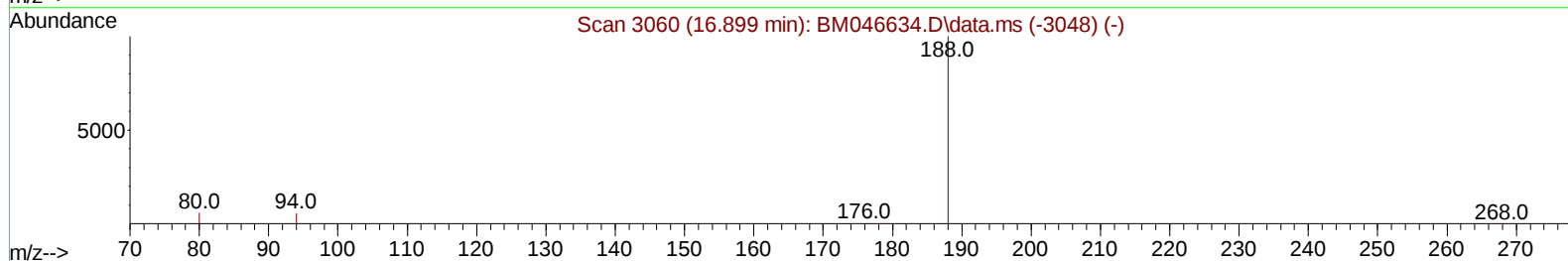
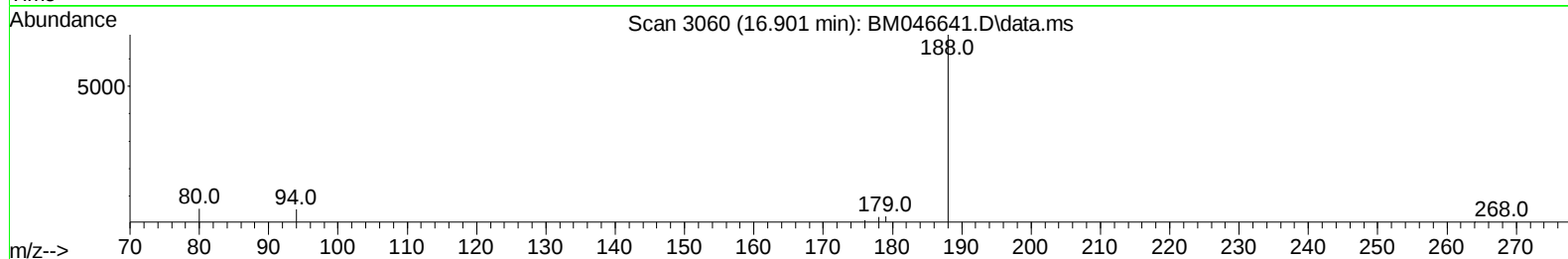
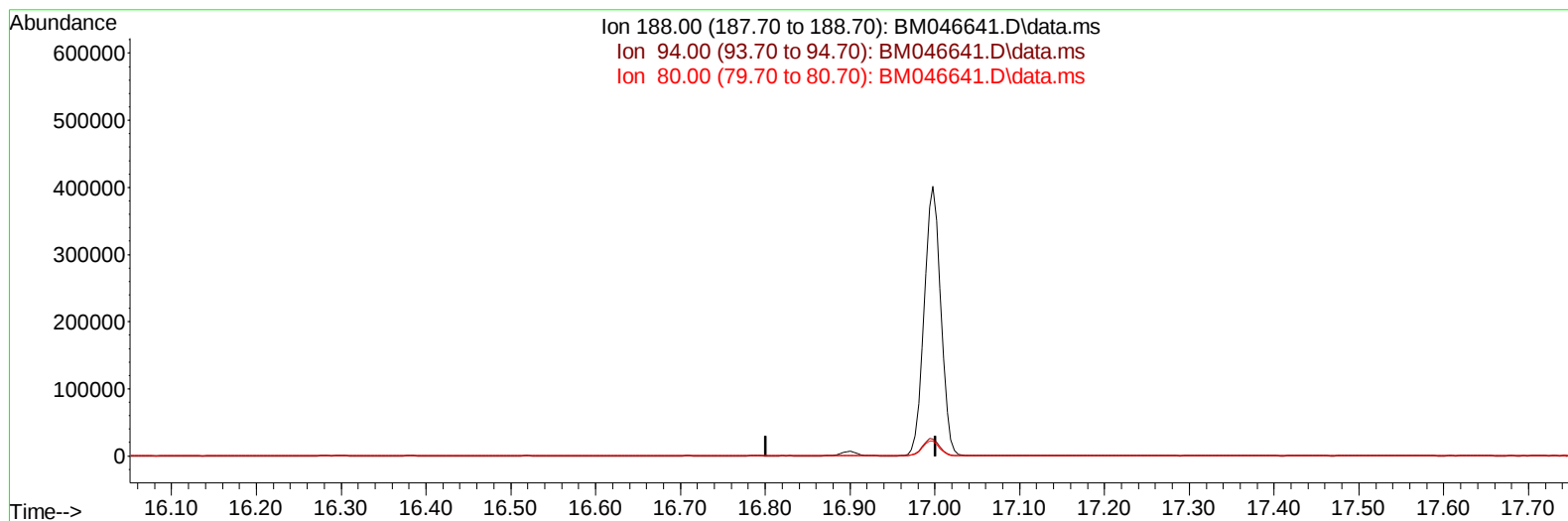
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-16.901) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.40	0.00#
80.00	6.60	0.00#
0.00	0.00	0.00

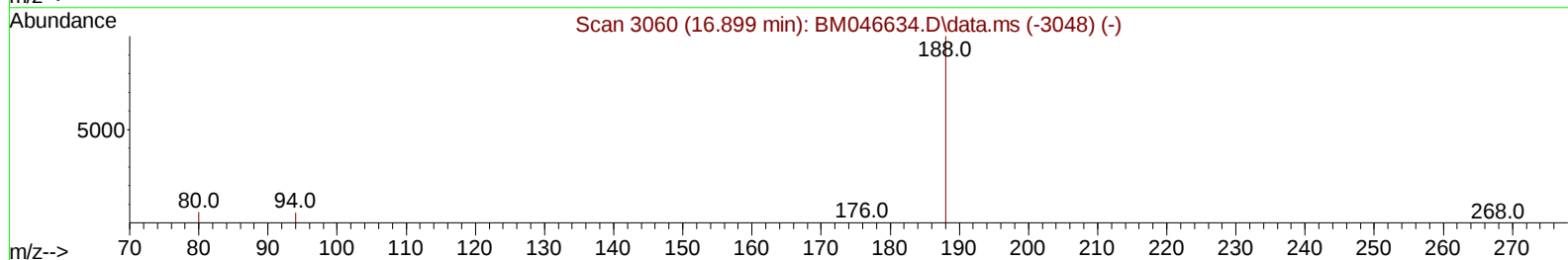
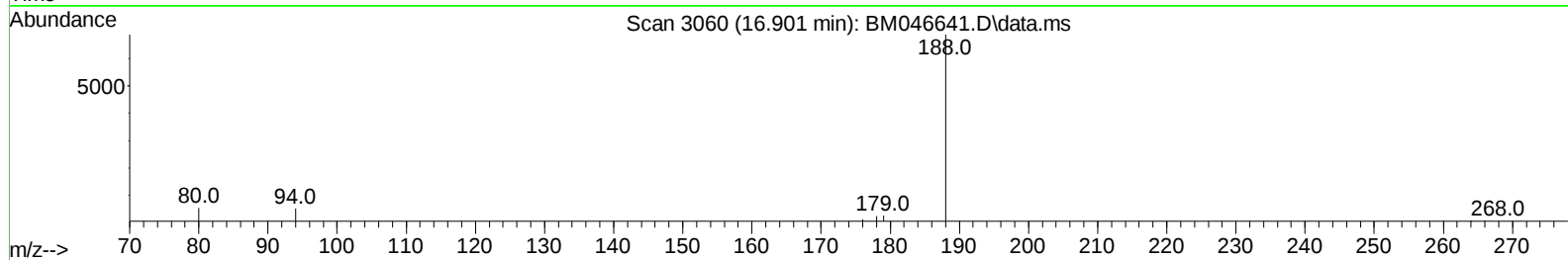
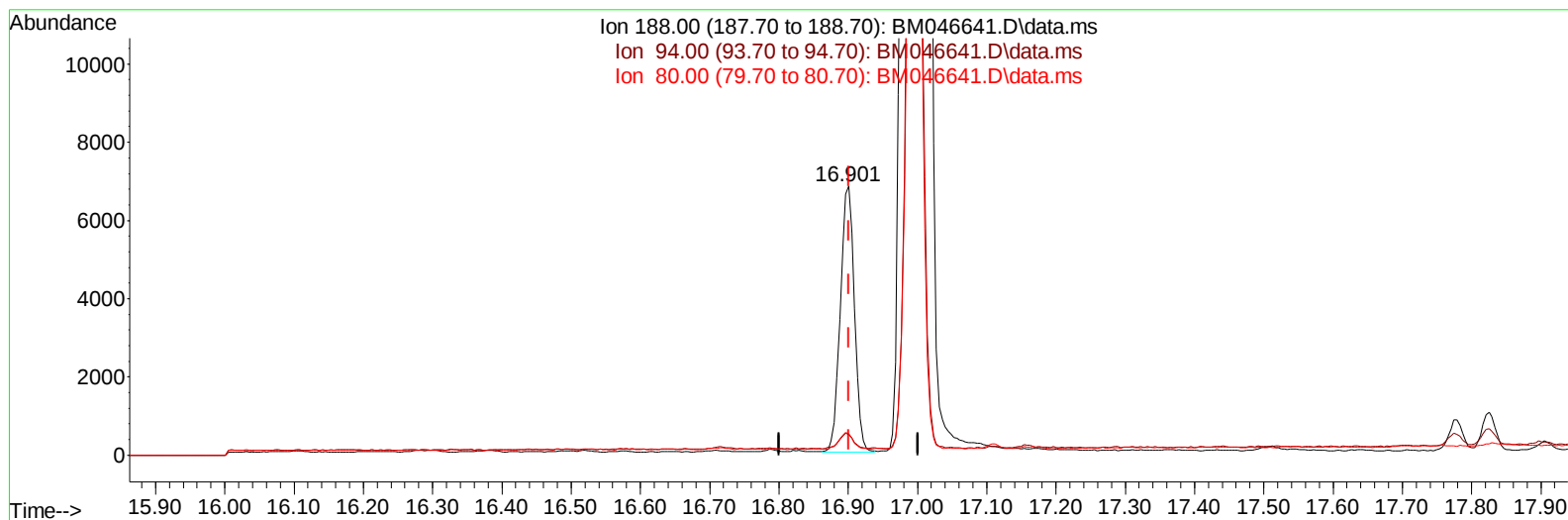
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-0.000) 0.40 ng/ul m

response 9534

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	7.63
80.00	6.60	7.89
0.00	0.00	0.00

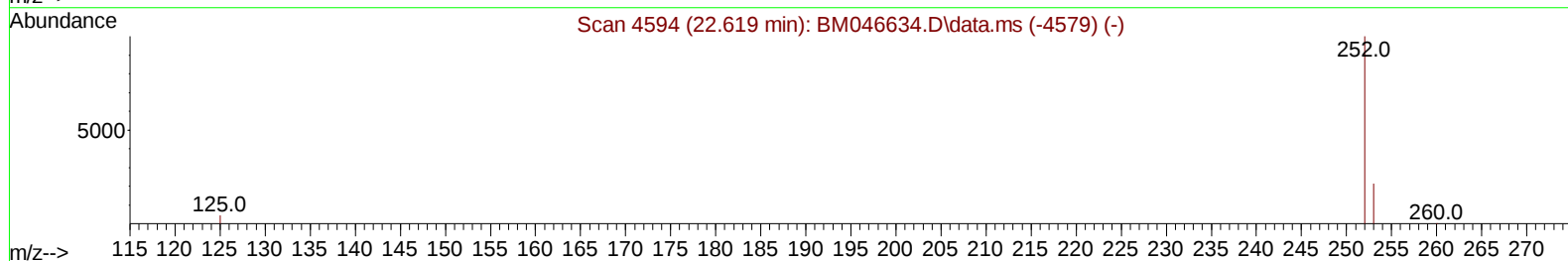
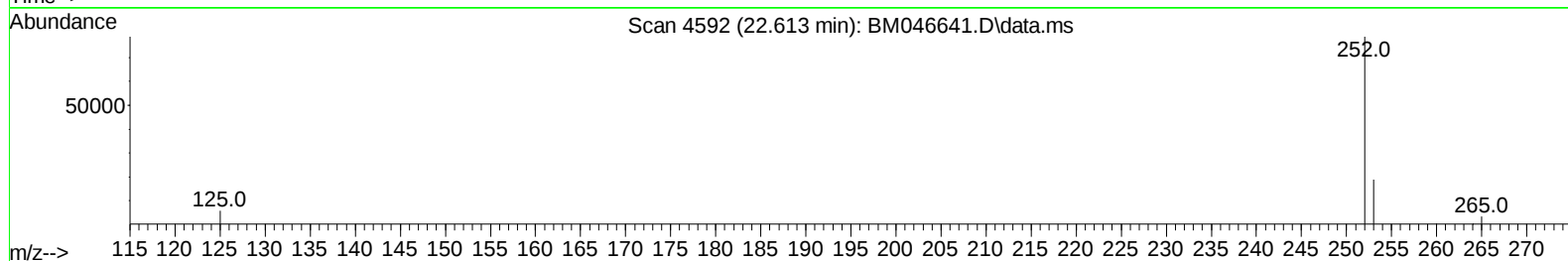
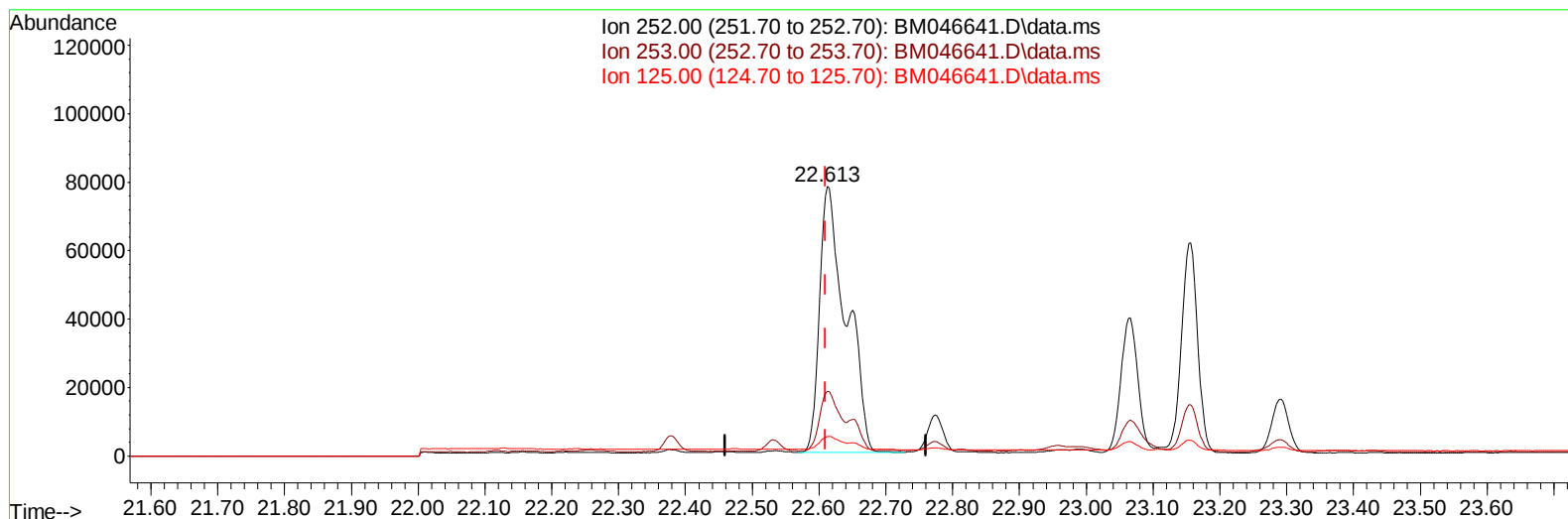
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



TIC: BM046641.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (+ 0.003) 6.47 ng/u1

response 215610

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	24.05
125.00	8.90	7.31
0.00	0.00	0.00

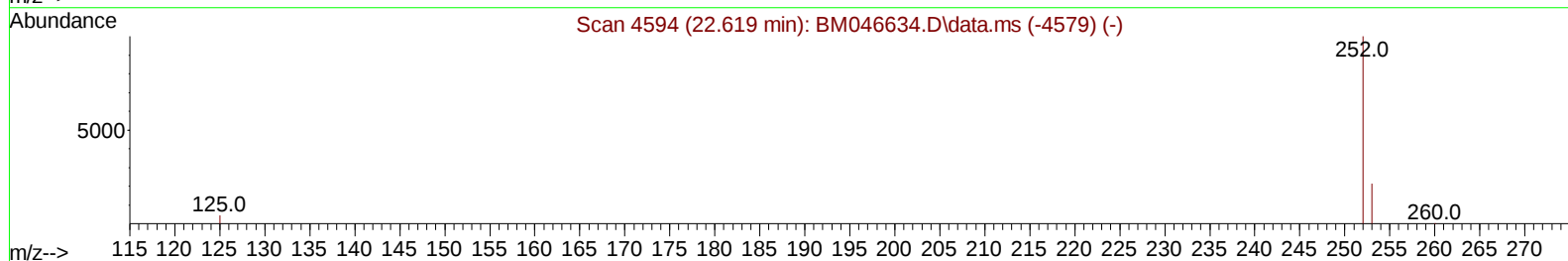
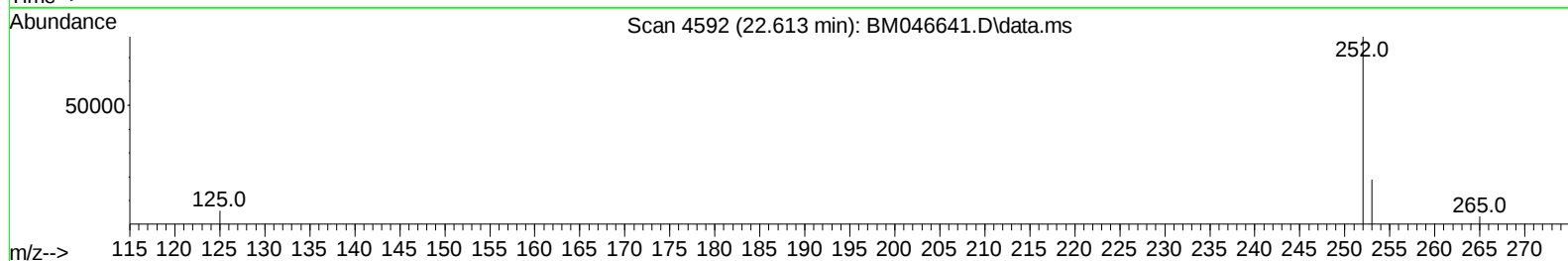
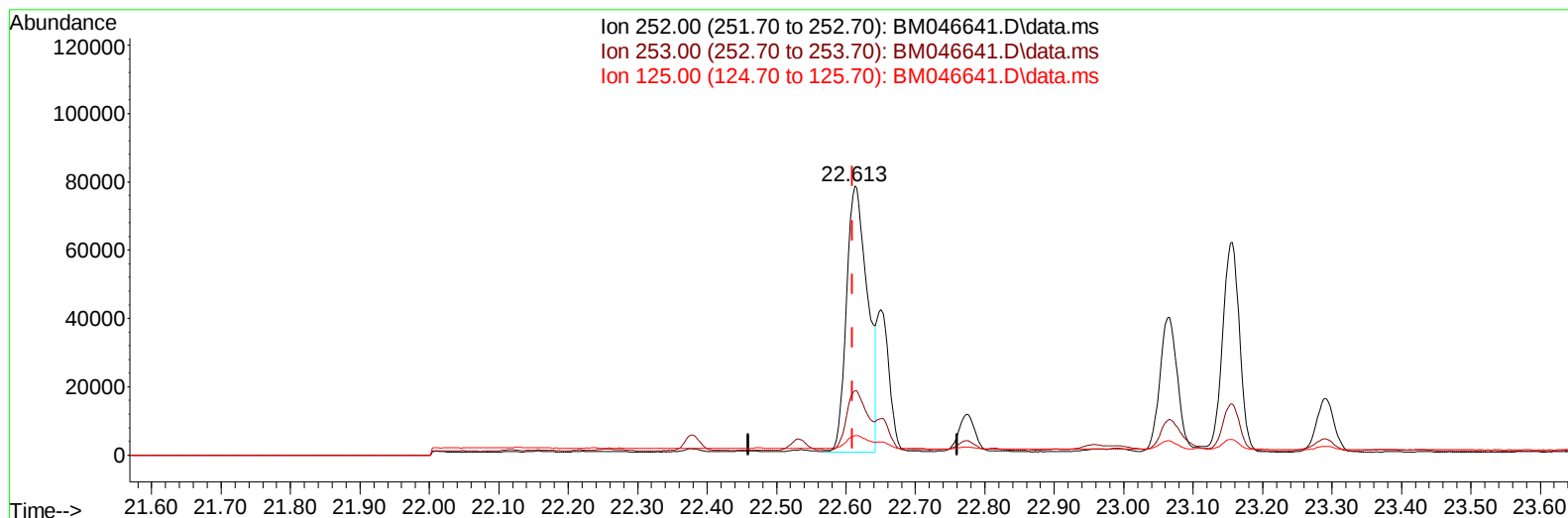
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (+ 0.003) 4.95 ng/u1 m

response 164846

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	24.05
125.00	8.90	7.31
0.00	0.00	0.00

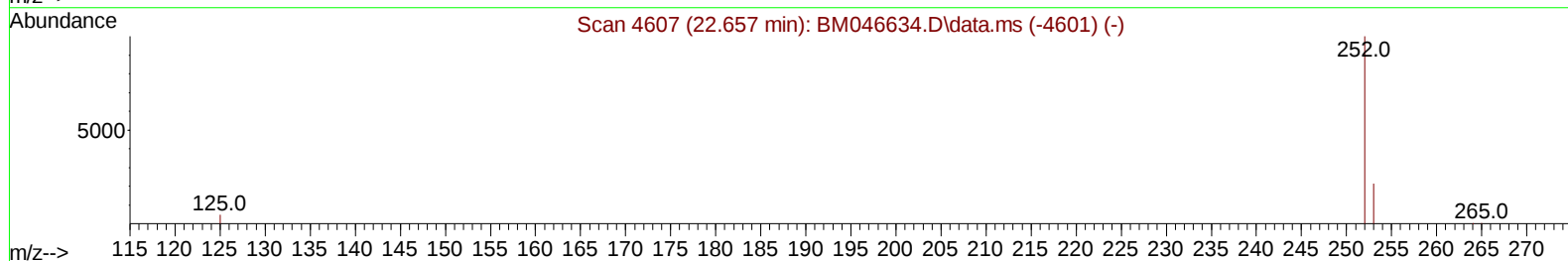
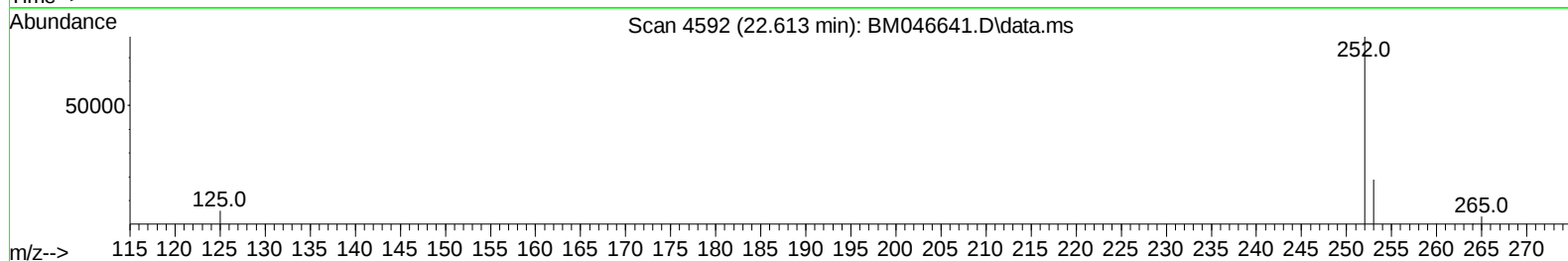
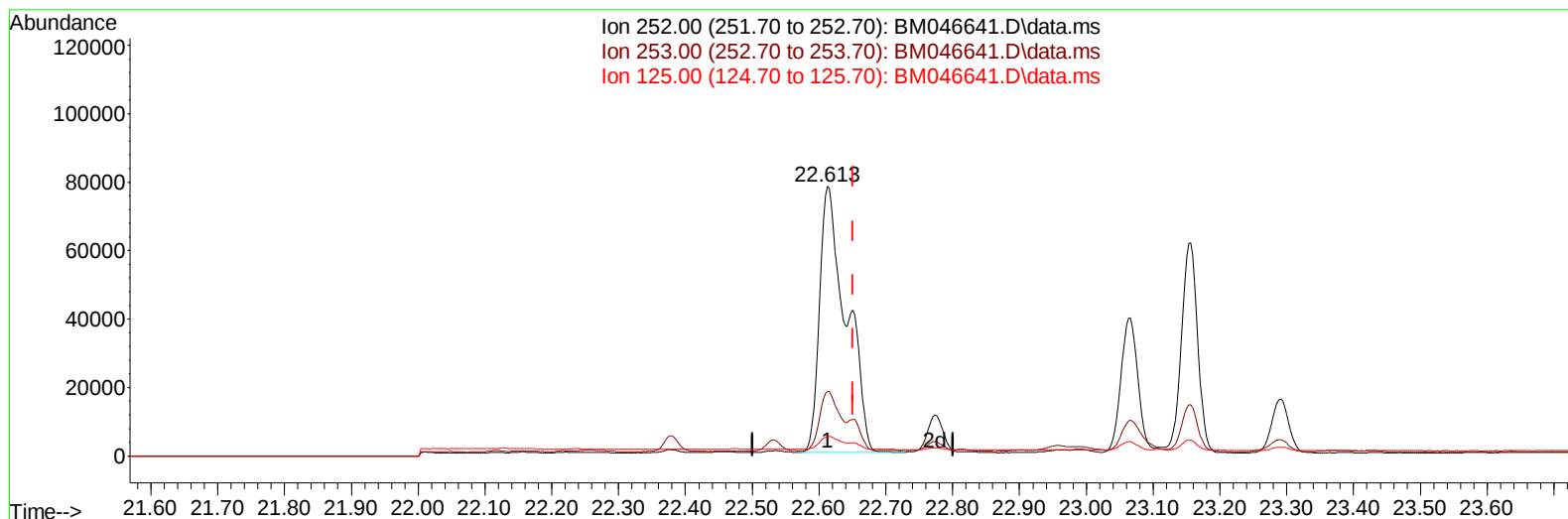
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(25) Benzo(k)fluoranthene

22.613min (-0.038) 6.59 ng/u1

response 215610

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	24.05
125.00	8.70	7.31
0.00	0.00	0.00

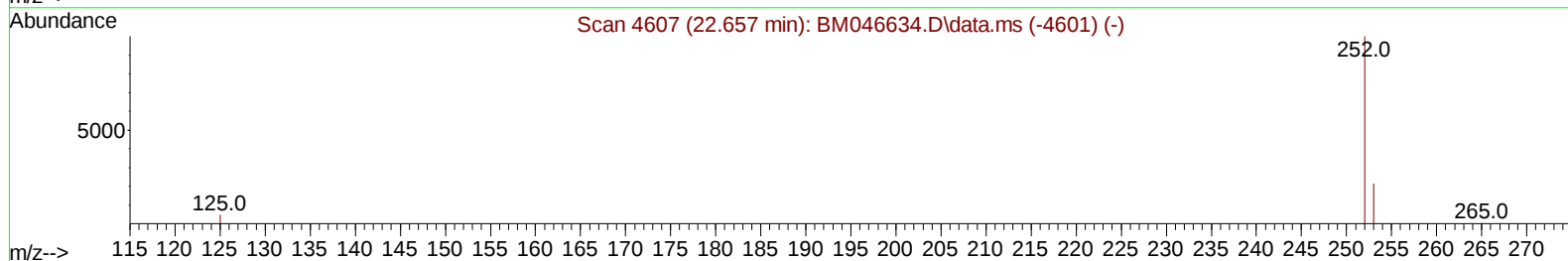
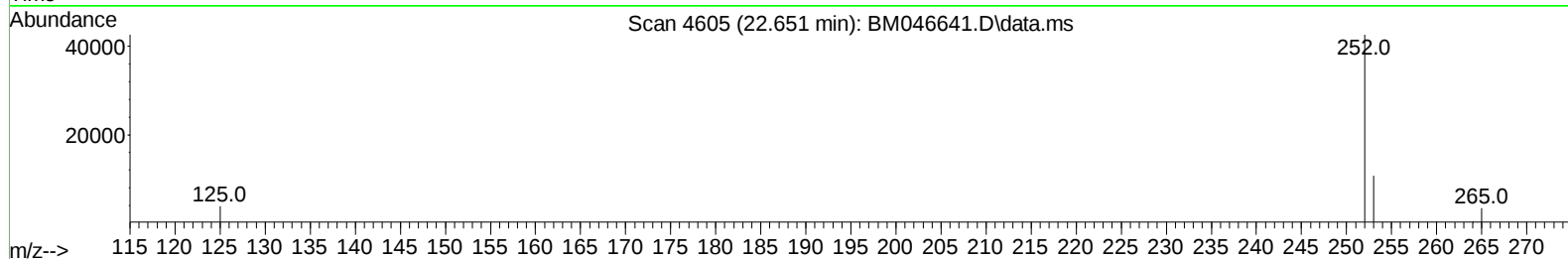
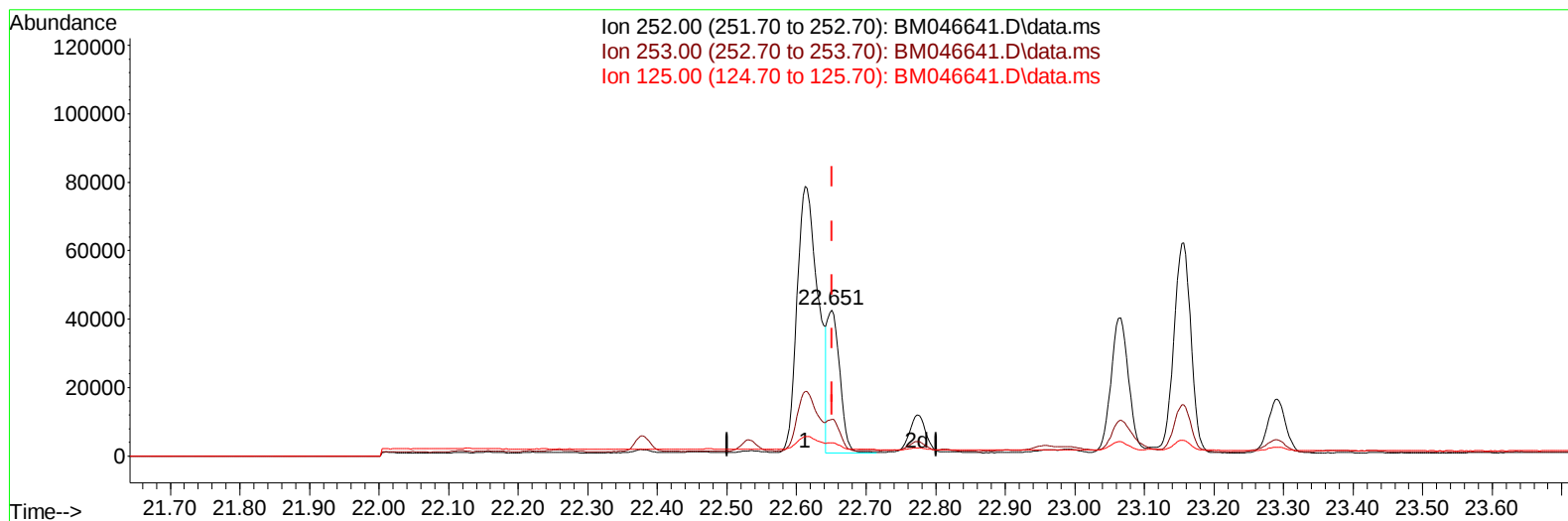
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (-0.000) 1.59 ng/u1 m

response 51929

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	25.28
125.00	8.70	9.14
0.00	0.00	0.00

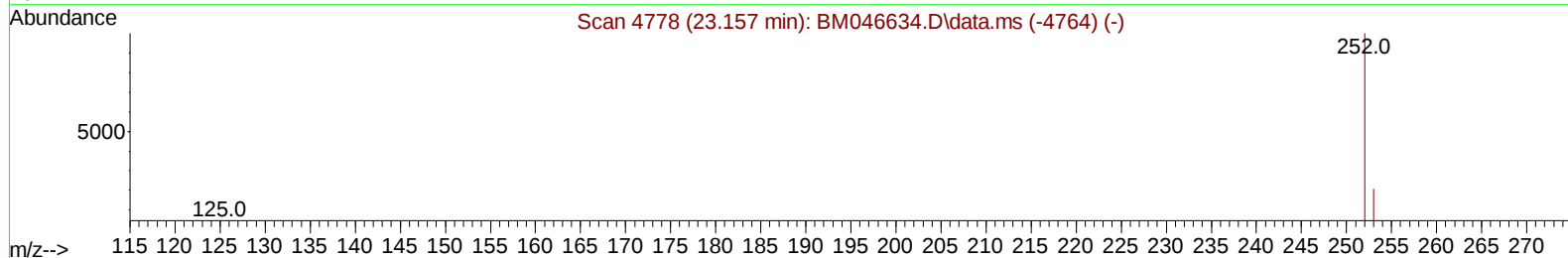
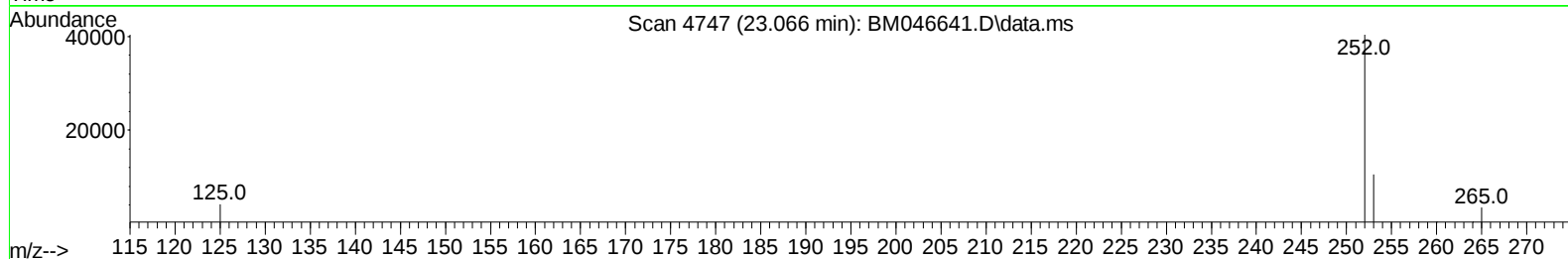
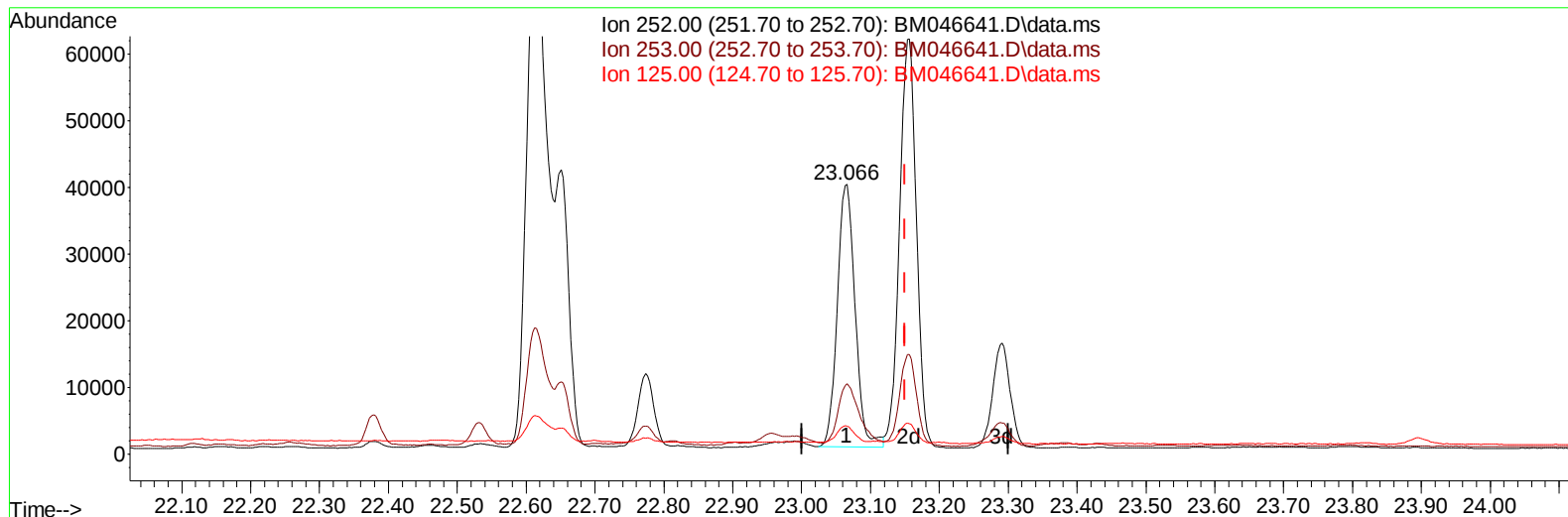
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(26) Benzo(a)pyrene (C)

23.066min (-0.085) 2.59 ng/u1

response 70939

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	26.01
125.00	10.20	10.29
0.00	0.00	0.00

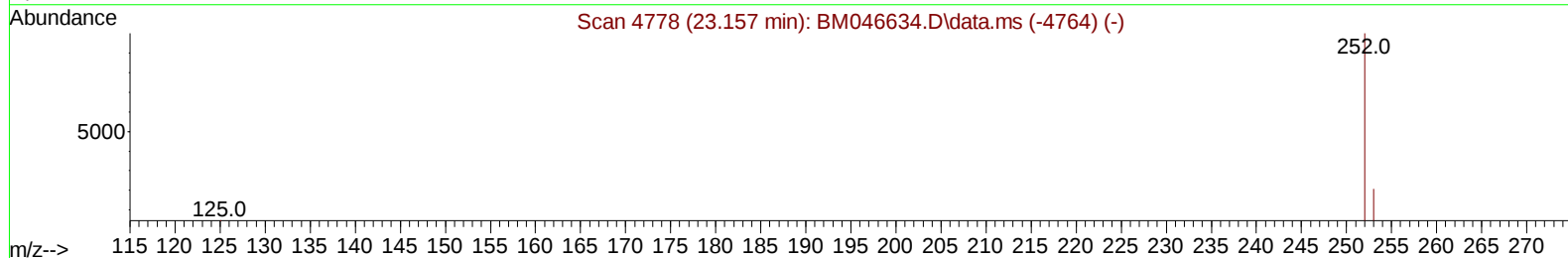
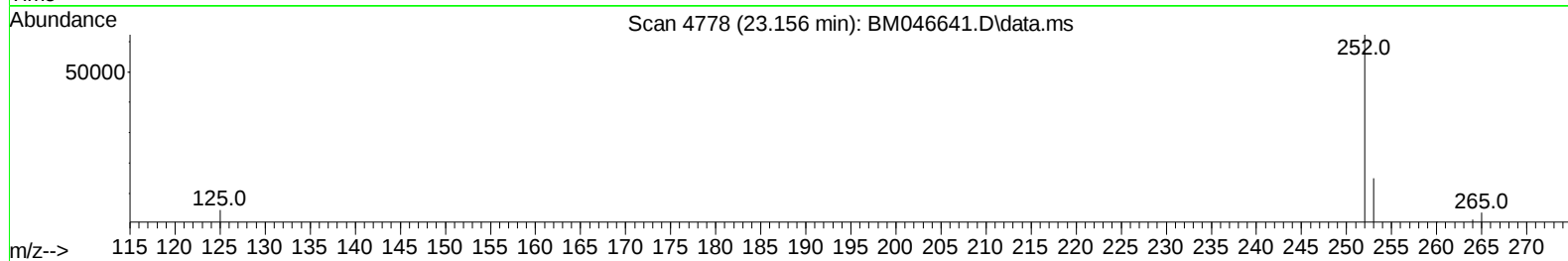
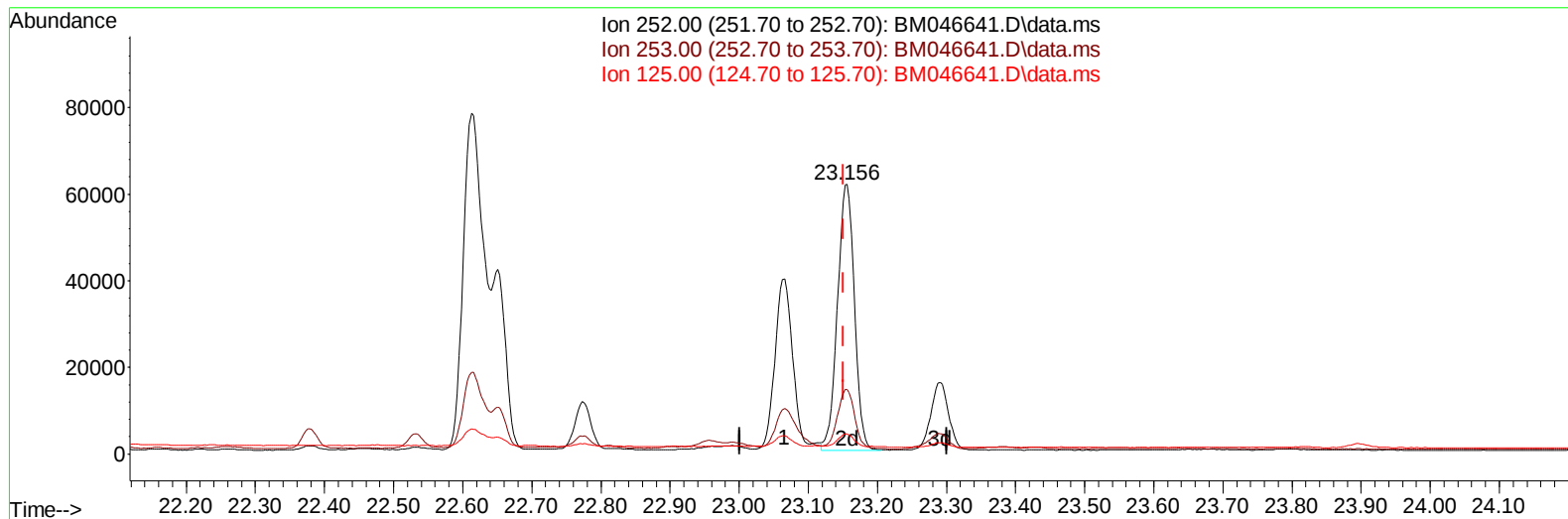
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046641.D\data.ms

(26) Benzo(a)pyrene (C)

23.156min (+ 0.005) 3.84 ng/u1 m

response 105399

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.00	24.01
125.00	10.20	7.36#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046641.D
 Acq On : 16 Jul 2024 20:05
 Operator : MA/JU
 Sample : P3177-12
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BX5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 00:39:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2388	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	6443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	4331	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	9534m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	7992	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	8345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	6425	3.275	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2716	0.261	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7078	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	25265	1.541	ng/ul	95
7) 2-Methylnaphthalene	11.937	142	11464	0.996	ng/ul	100
8) 1-Methylnaphthalene	12.157	142	9606	0.817	ng/ul	99
10) Acenaphthylene	13.859	152	4593	0.233	ng/ul#	94
11) Acenaphthene	14.206	153	41953	3.176	ng/ul	97
12) Fluorene	15.205	166	39683	2.428	ng/ul	98
15) Phenanthrene	16.939	178	430129	15.810	ng/ul	98
16) Anthracene	17.032	178	52845	1.990	ng/ul	98
19) Fluoranthene	18.970	202	446284	13.595	ng/ul	99
20) Pyrene	19.332	202	346715	9.755	ng/ul	99
21) Benzo(a)anthracene	21.087	228	137328	3.884	ng/ul	99
22) Chrysene	21.140	228	134934	3.944	ng/ul	98
24) Benzo(b)fluoranthene	22.613	252	164846m	4.946	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	51929m	1.587	ng/ul	
26) Benzo(a)pyrene	23.156	252	105399m	3.842	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.366	276	71629	1.716	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	16722	0.506	ng/ul#	88
29) Benzo(g,h,i)perylene	26.010	276	66463	1.995	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046641.D
Acq On : 16 Jul 2024 20:05
Operator : MA/JU
Sample : P3177-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BX5

Manual IntegrationsAPPROVED

Quant Time: Jul 17 00:39:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

