

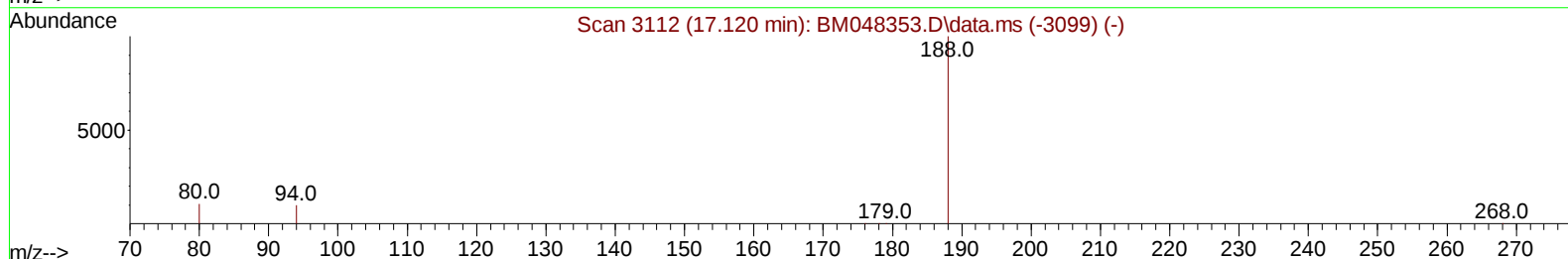
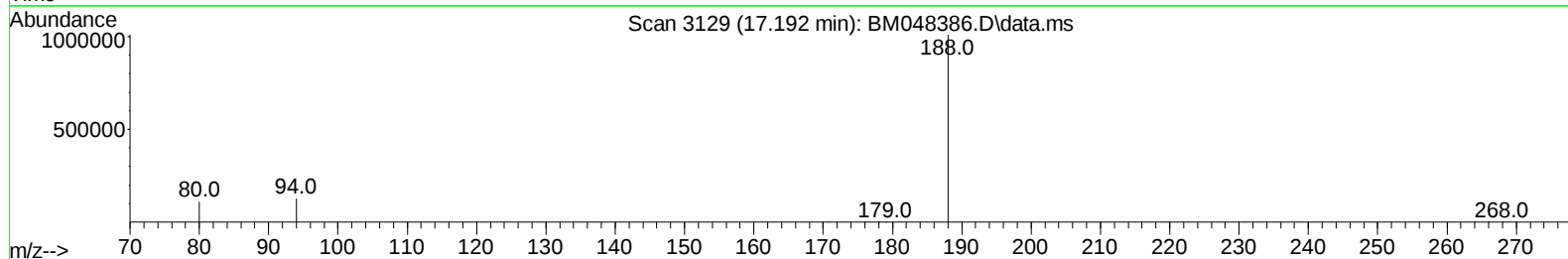
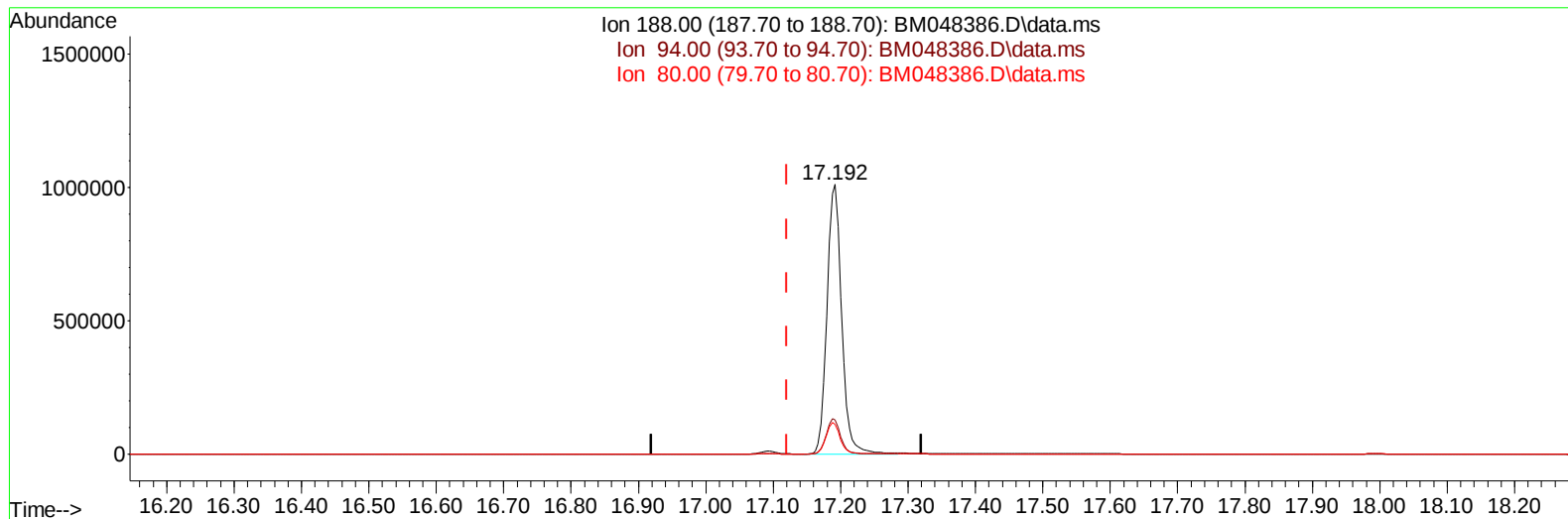
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.072) 0.40 ng/u1

response 1522731

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.68
80.00	12.10	10.93
0.00	0.00	0.00

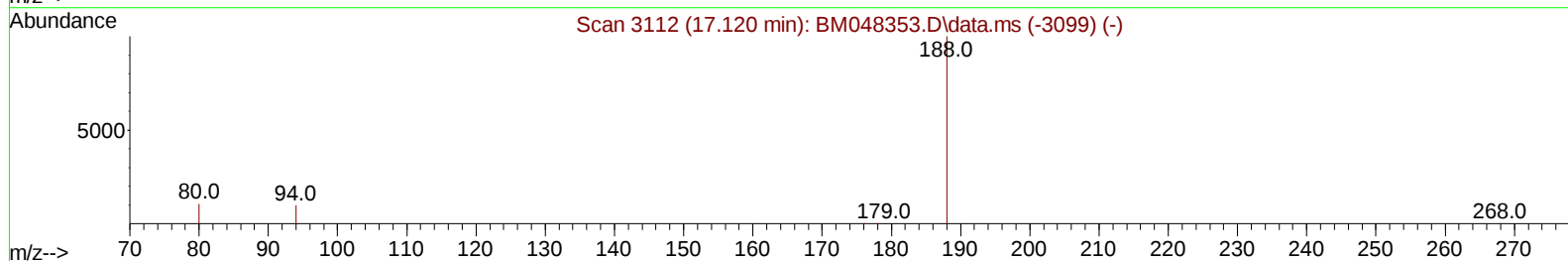
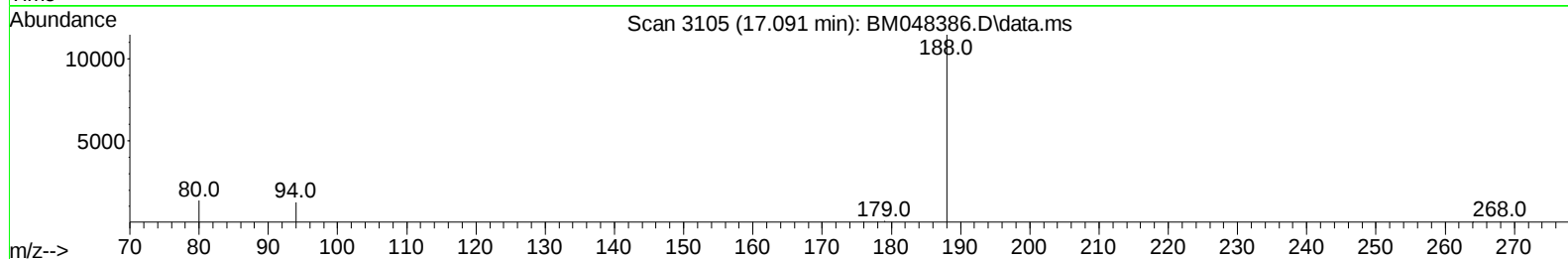
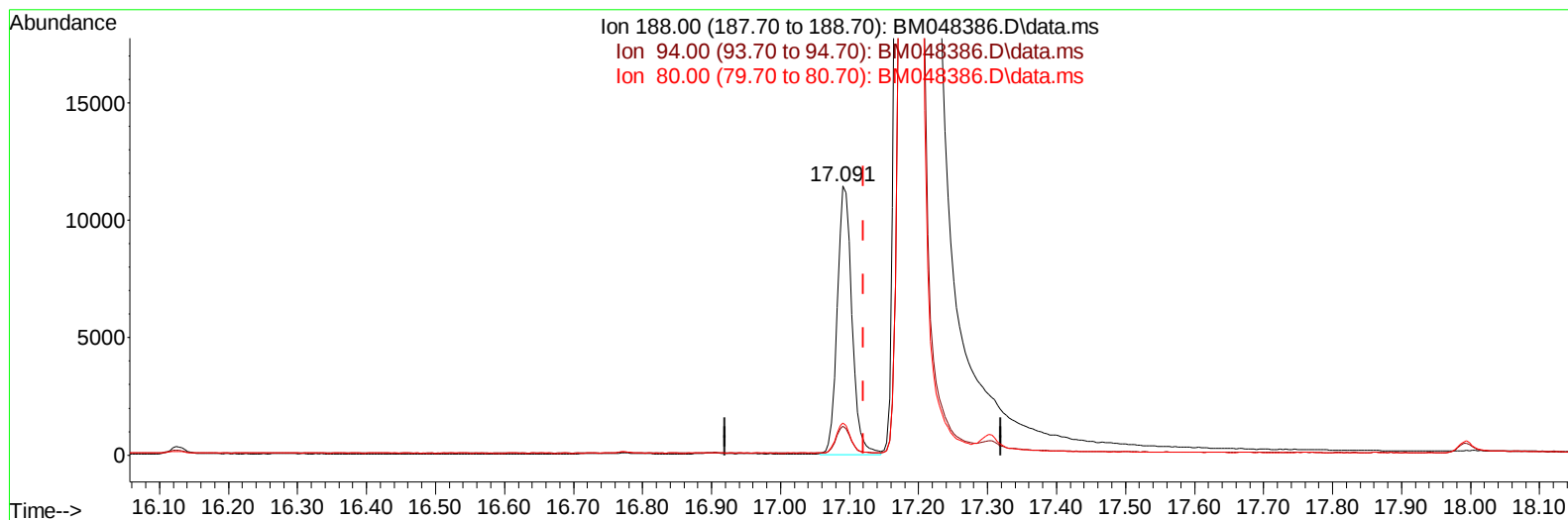
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(13) Phenanthrene-d10 (I)

17.091min (-0.030) 0.40 ng/ul m

response 16892

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	10.84
80.00	12.10	11.82
0.00	0.00	0.00

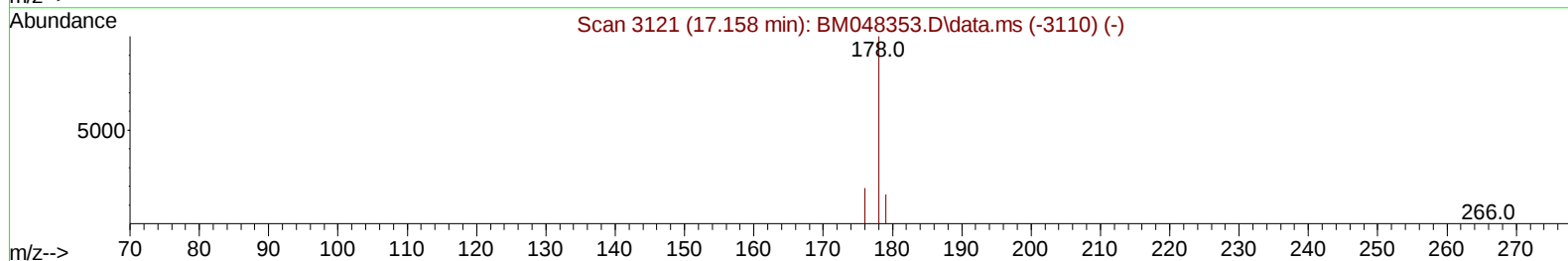
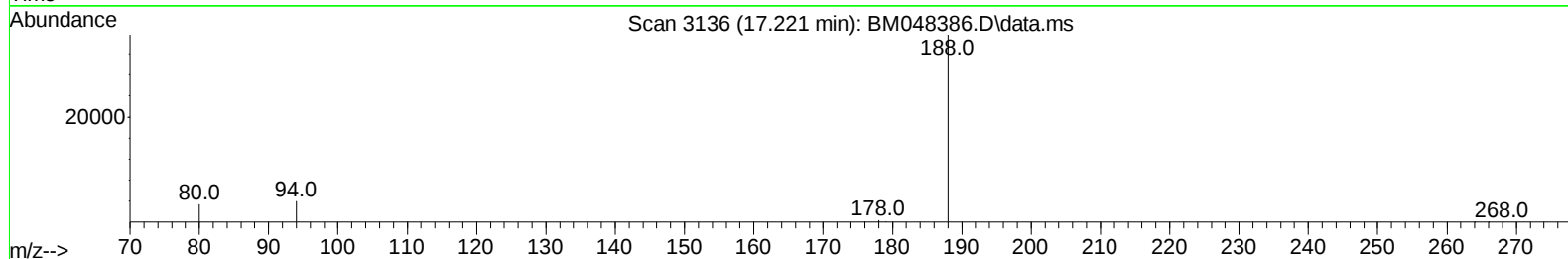
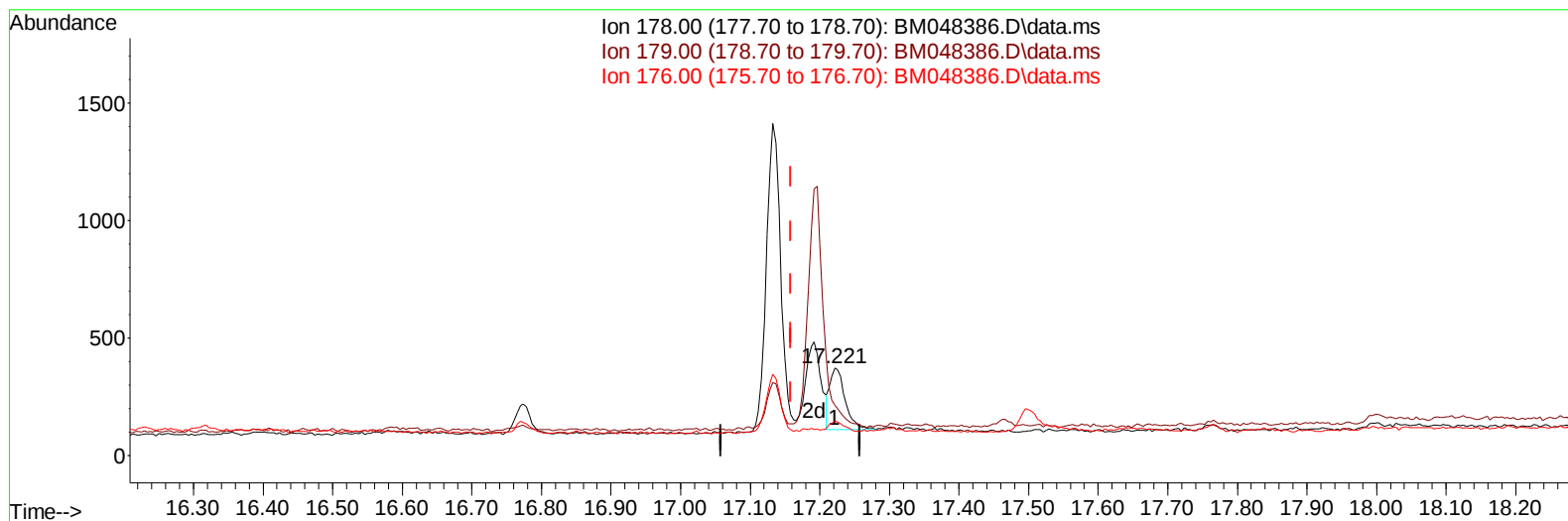
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(15) Phenanthrene

17.221min (+ 0.063) 0.01 ng/u1

response 400

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	57.22#
176.00	20.00	39.30#
0.00	0.00	0.00

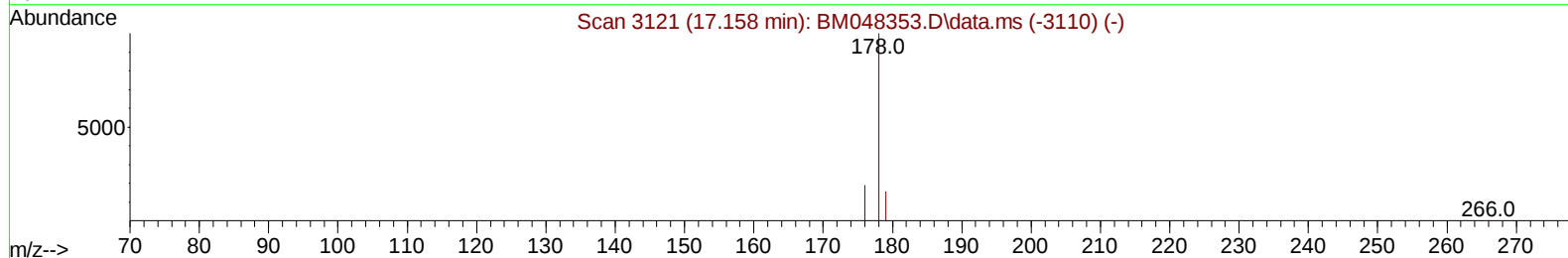
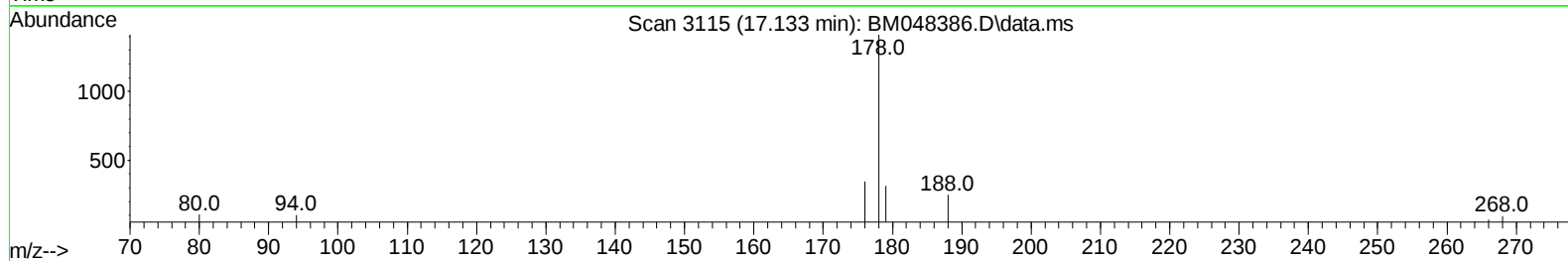
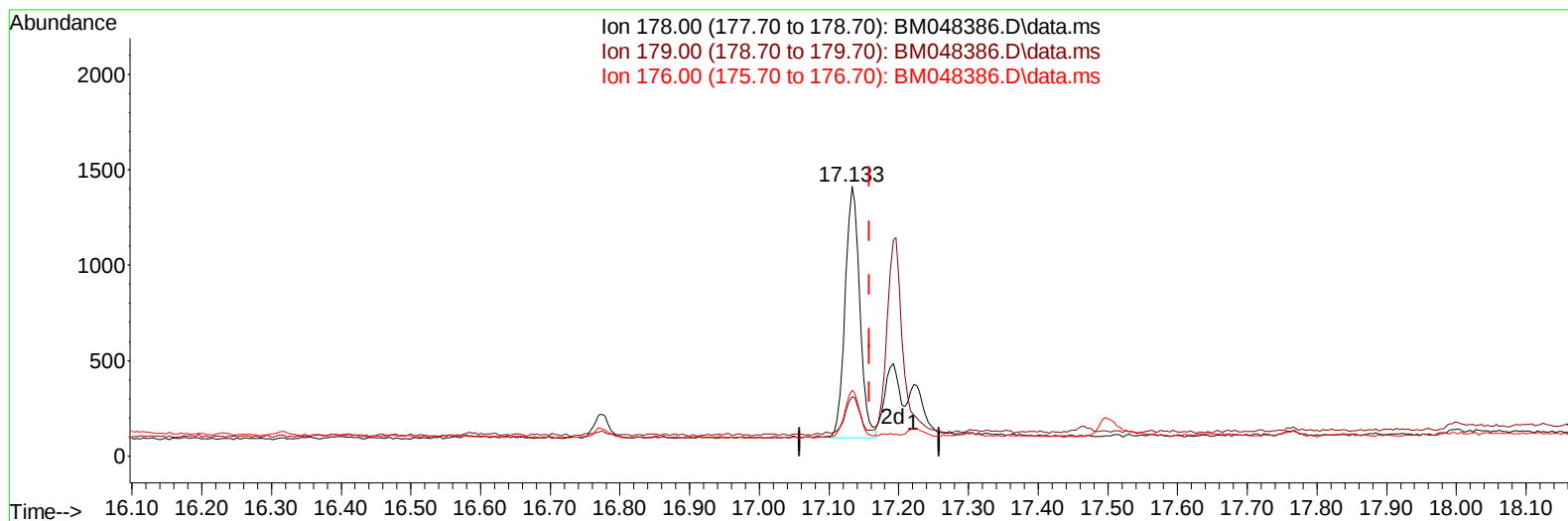
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(15) Phenanthrene

17.133min (-0.025) 0.05 ng/u1 m

response 1905

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	22.08#
176.00	20.00	24.49#
0.00	0.00	0.00

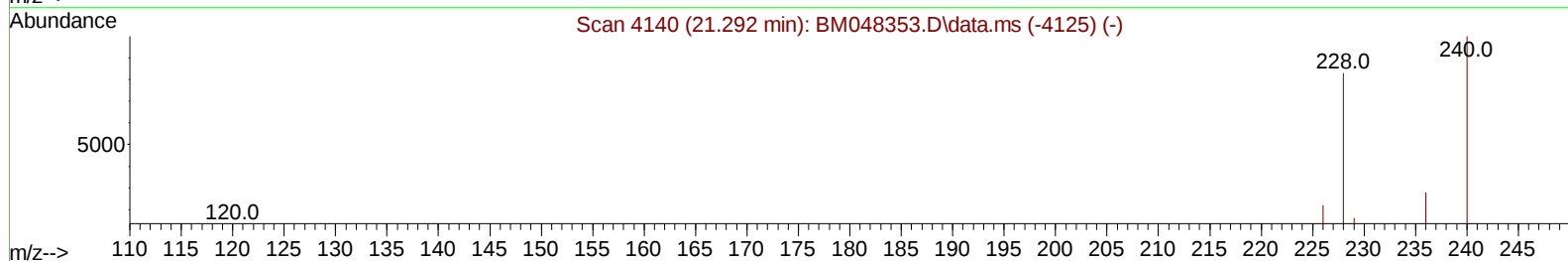
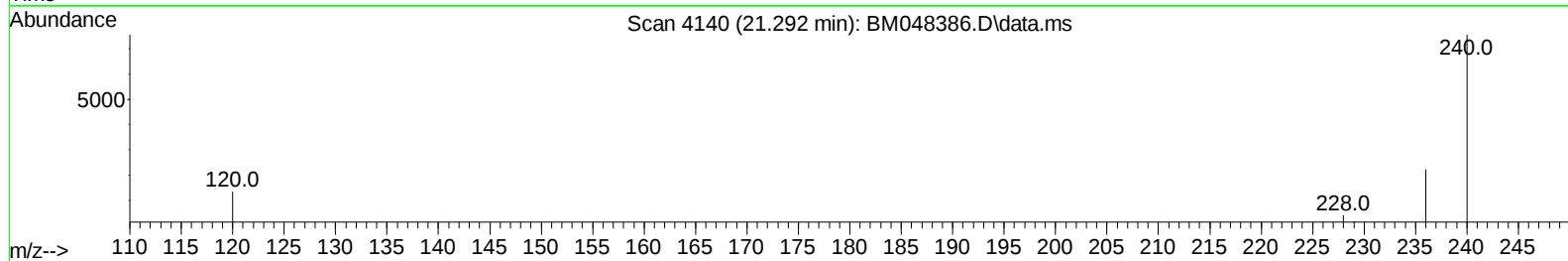
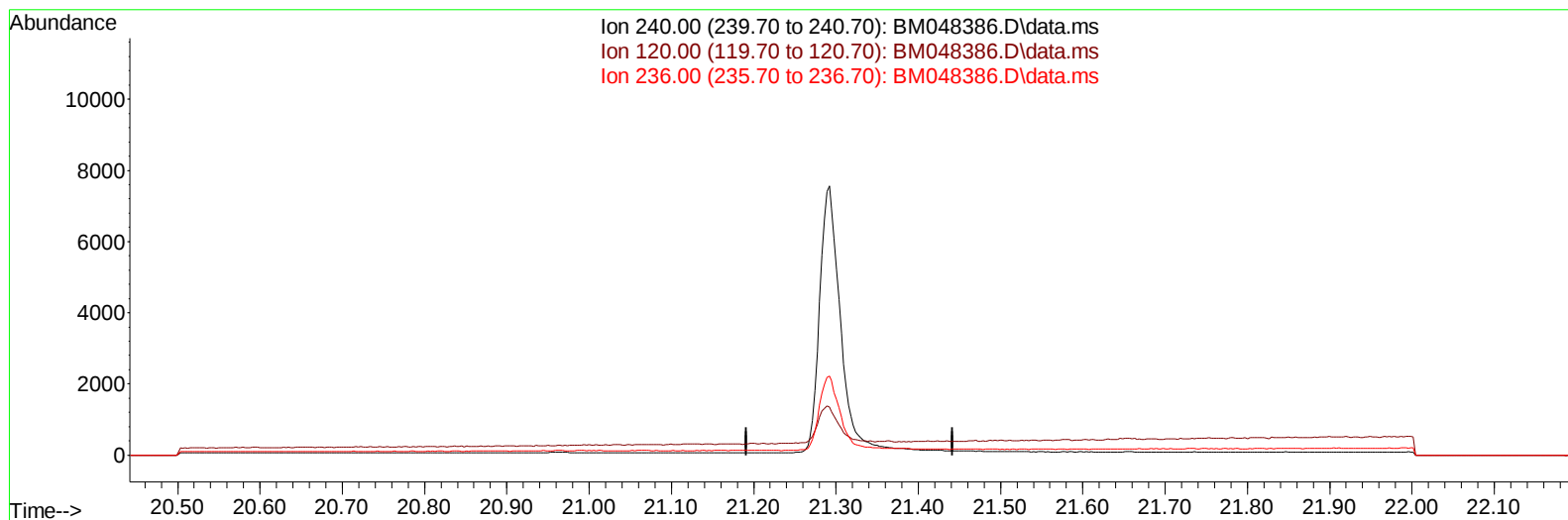
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(17) Chrysene-d12

21.292min (-21.292) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	19.00	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

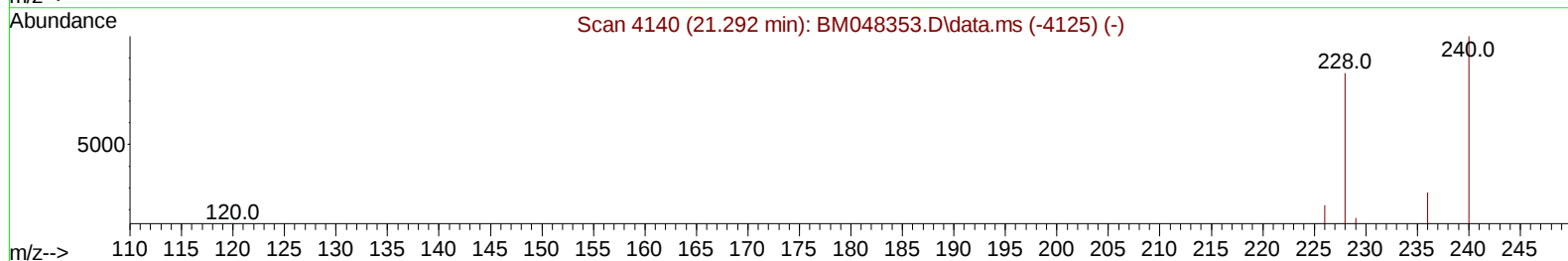
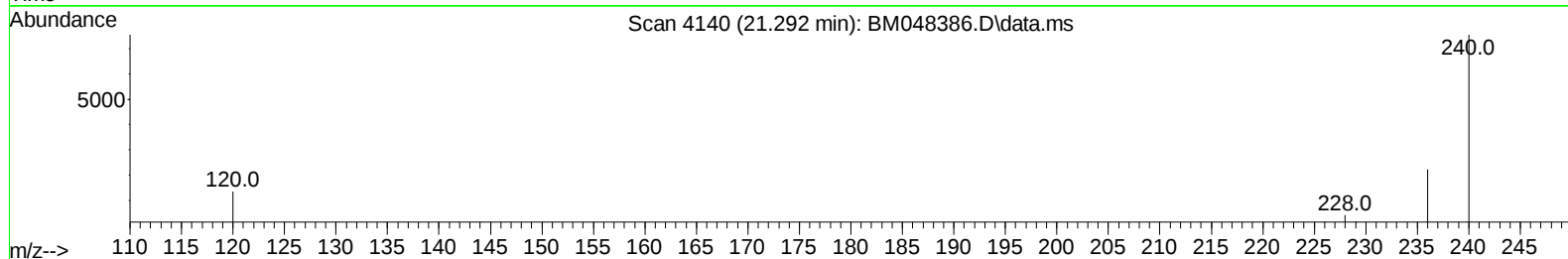
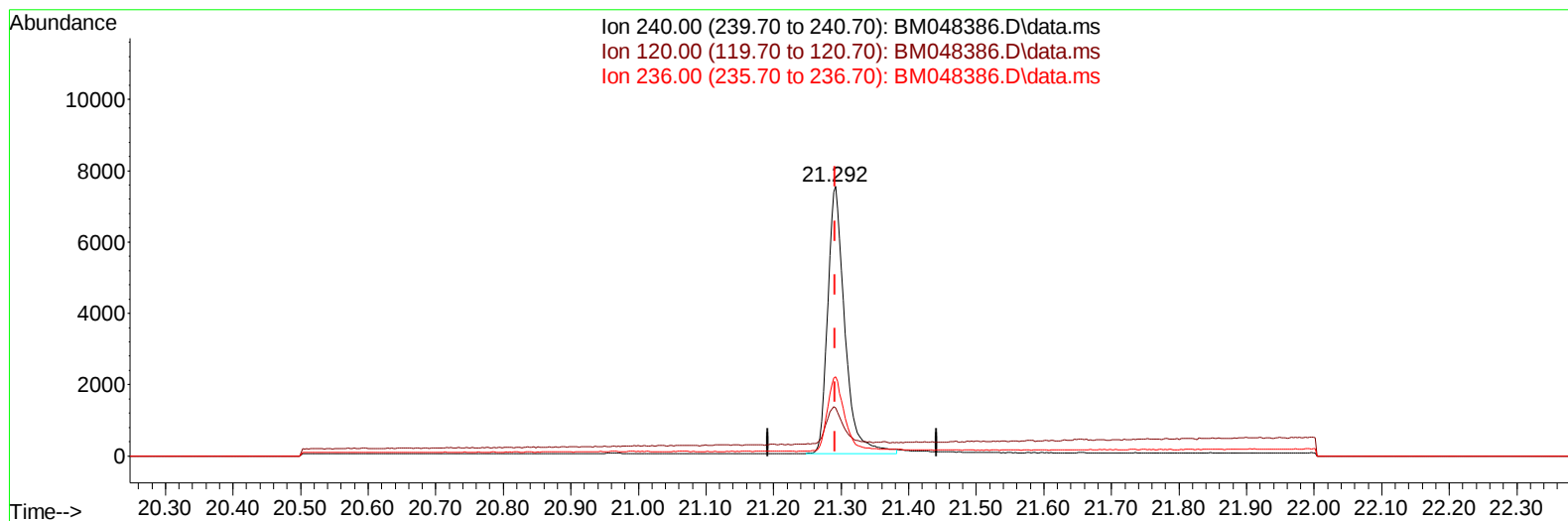
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(17) Chrysene-d12

21.292min (+ 0.000) 0.40 ng/ul m

response 13300

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	17.77
236.00	29.90	29.37
0.00	0.00	0.00

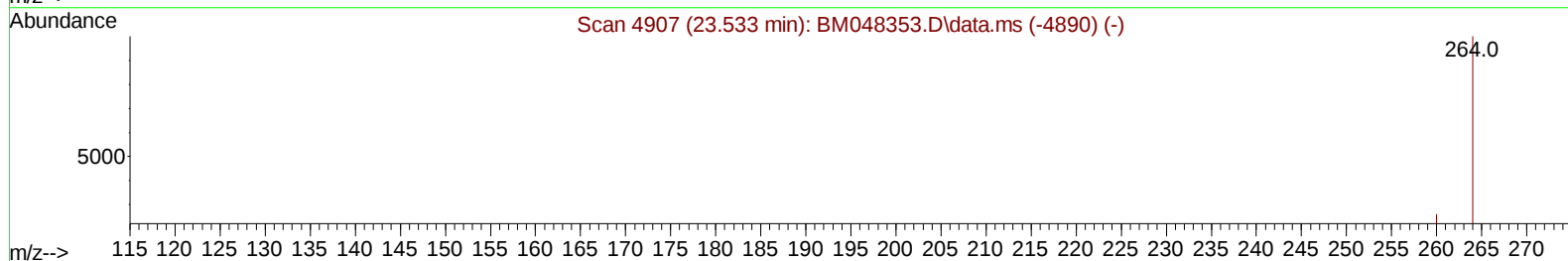
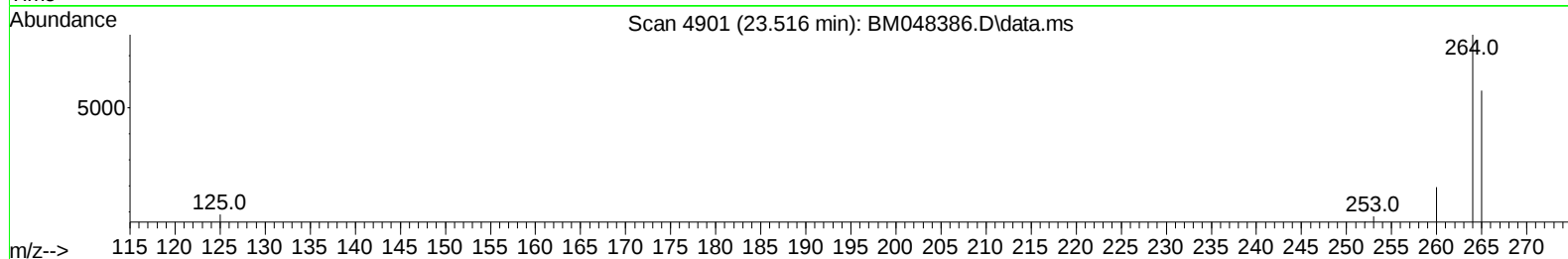
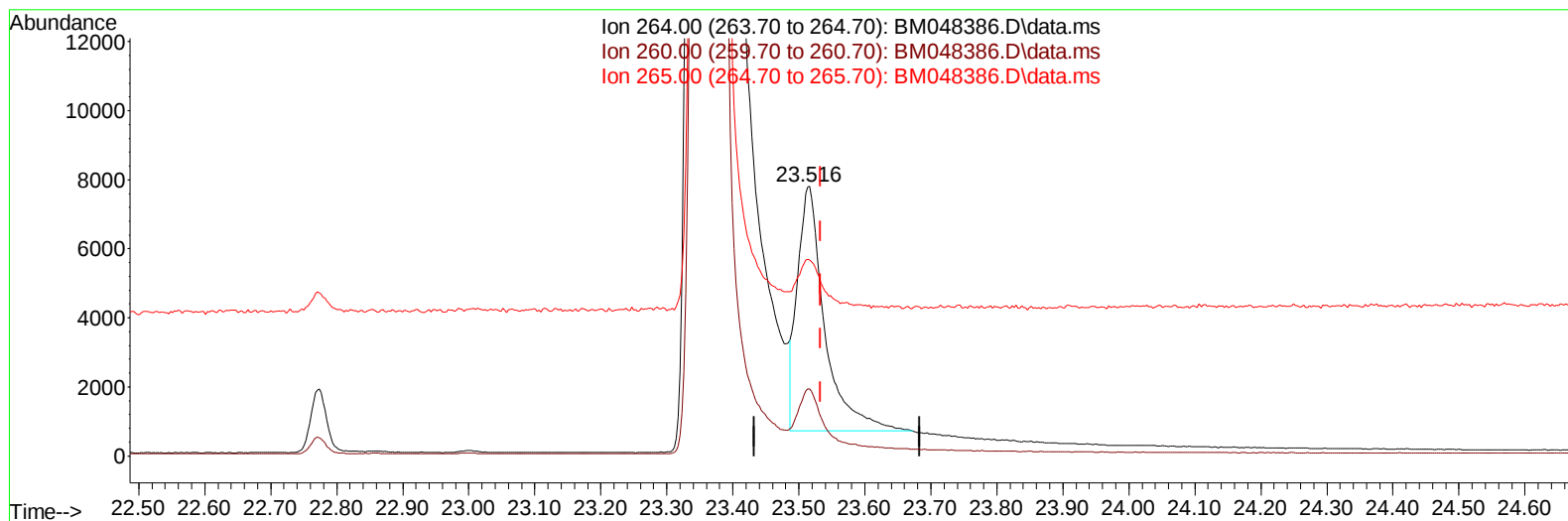
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



TIC: BM048386.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/u1

response 20287

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.93
265.00	120.80	72.66#
0.00	0.00	0.00

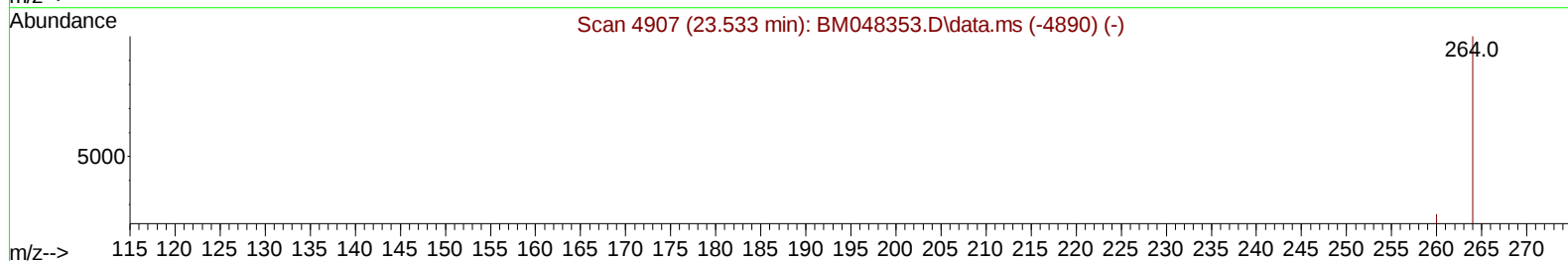
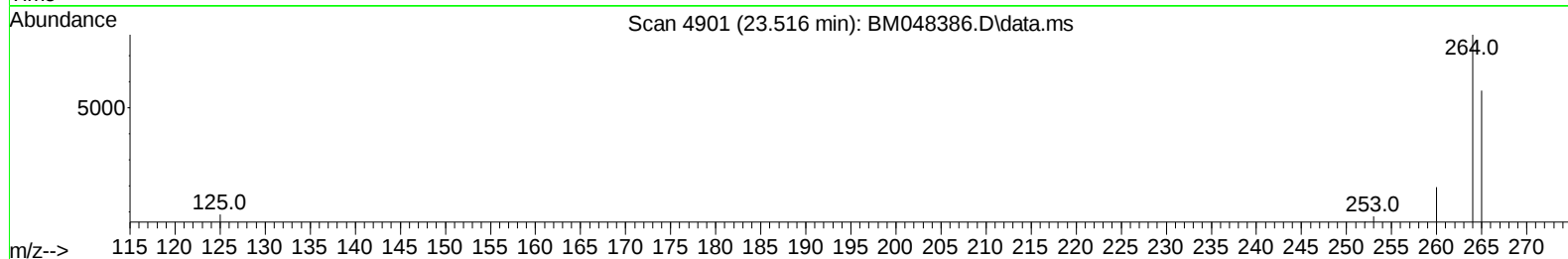
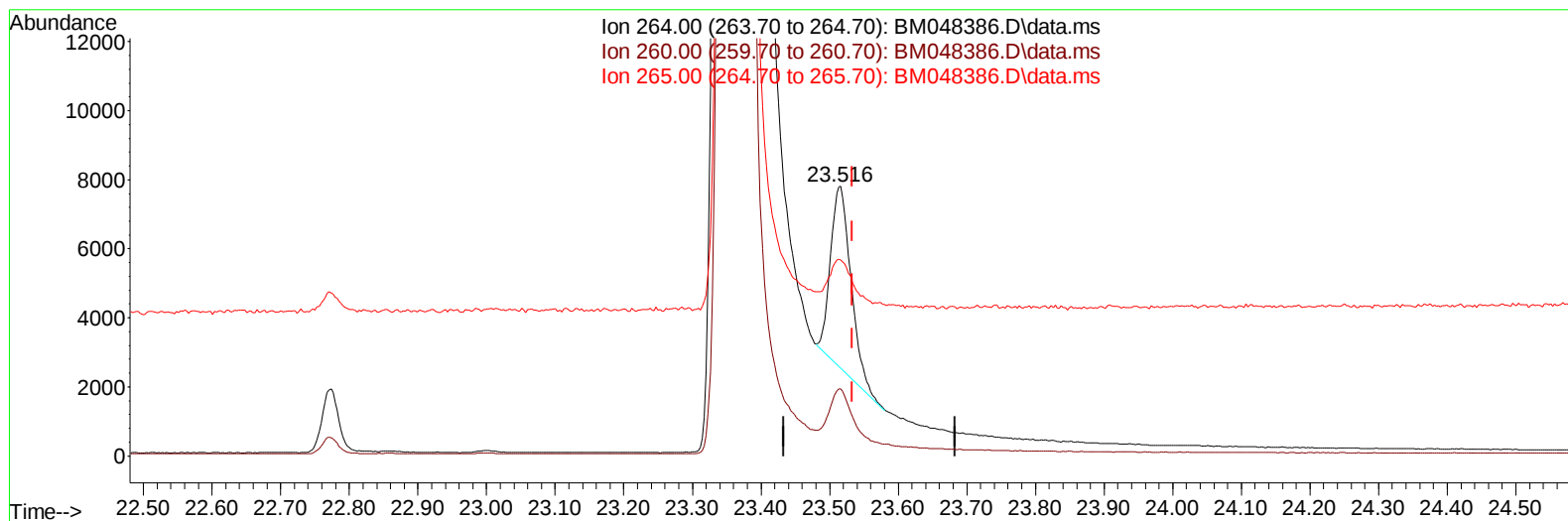
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/ul m

response 10761

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.93
265.00	120.80	72.66#
0.00	0.00	0.00

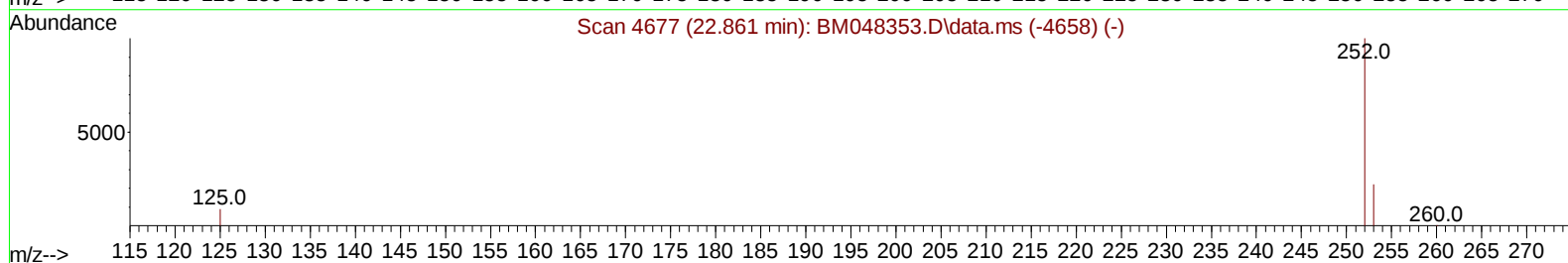
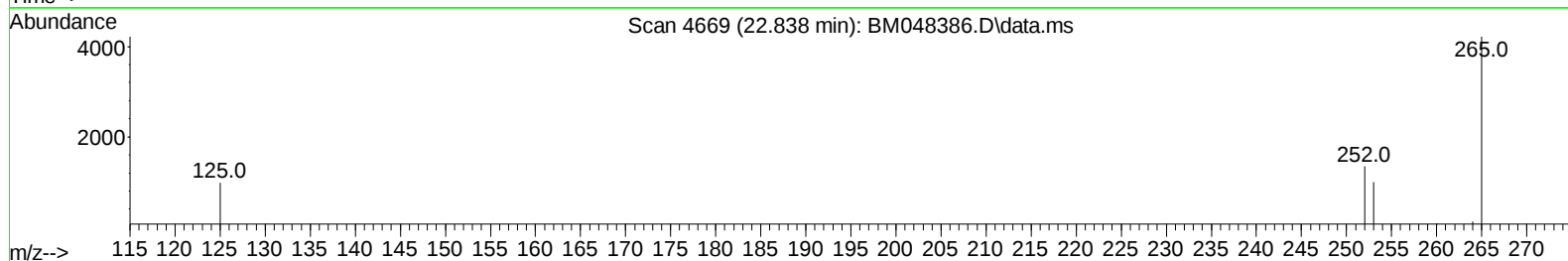
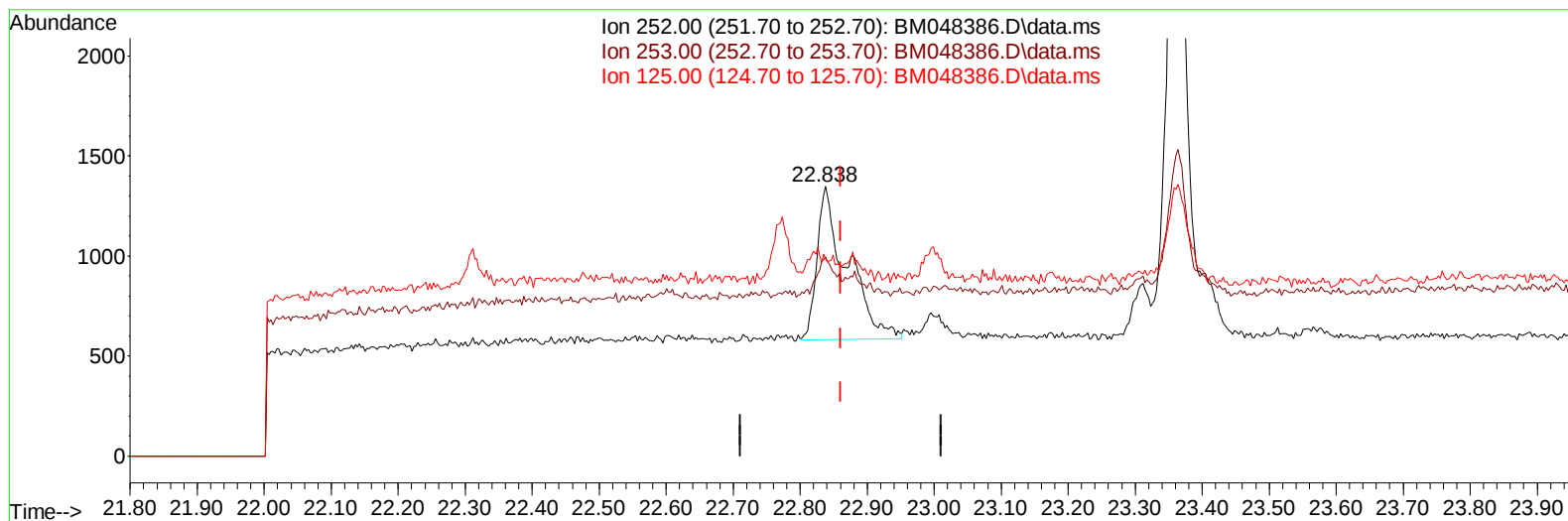
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 0.07 ng/u1

response 2393

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	73.89#
125.00	19.00	73.29#
0.00	0.00	0.00

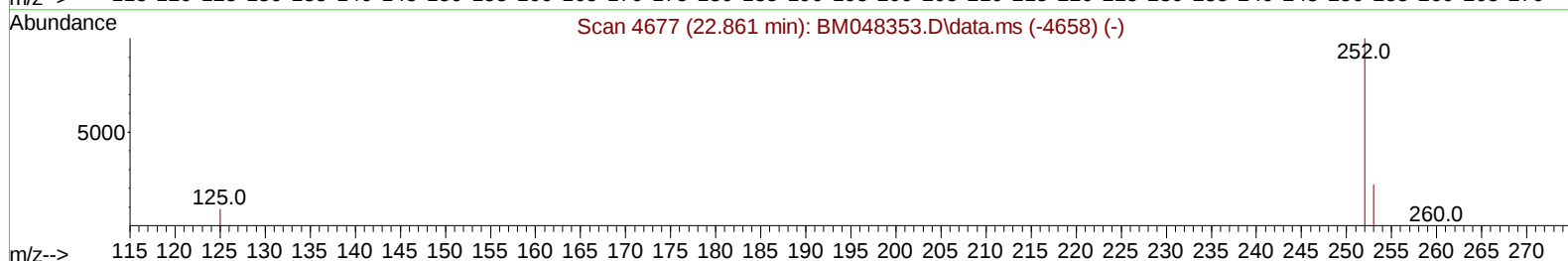
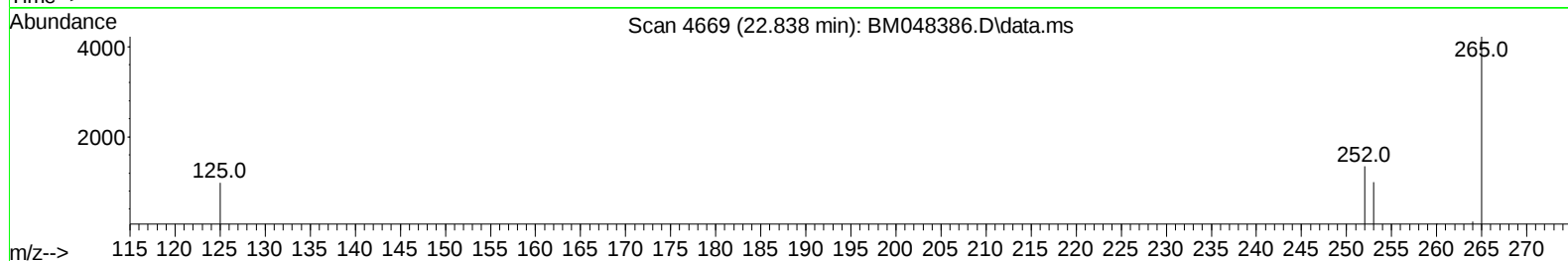
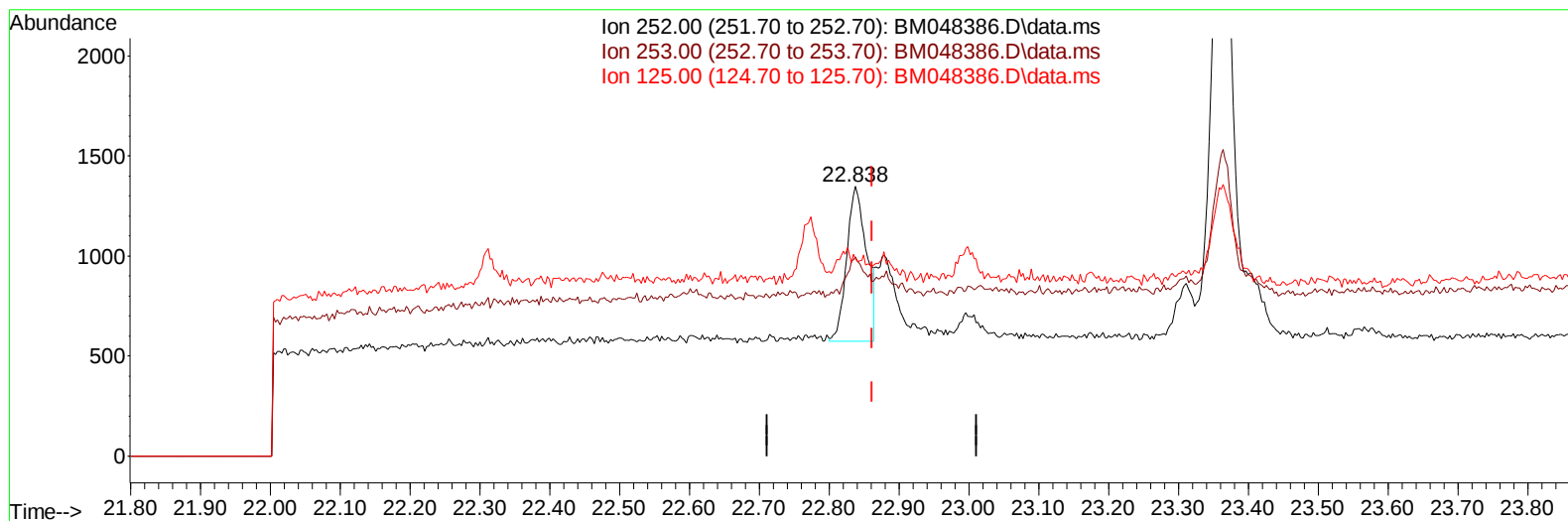
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 0.04 ng/u1 m

response 1541

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	73.89#
125.00	19.00	73.29#
0.00	0.00	0.00

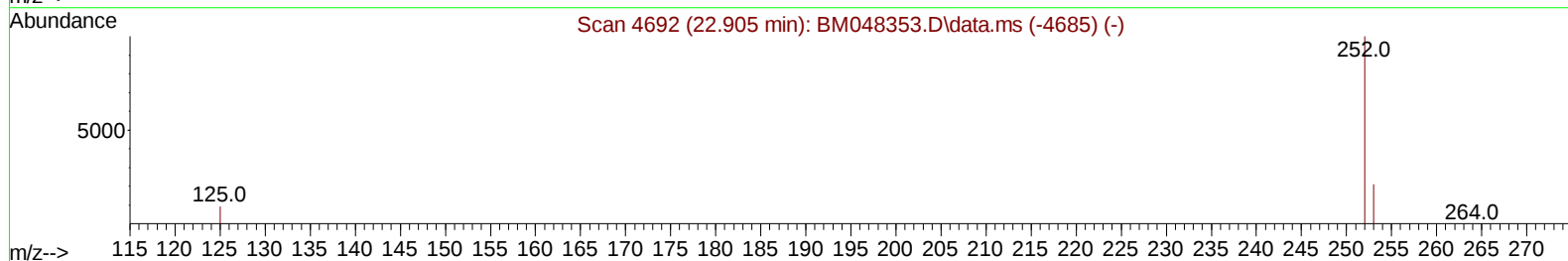
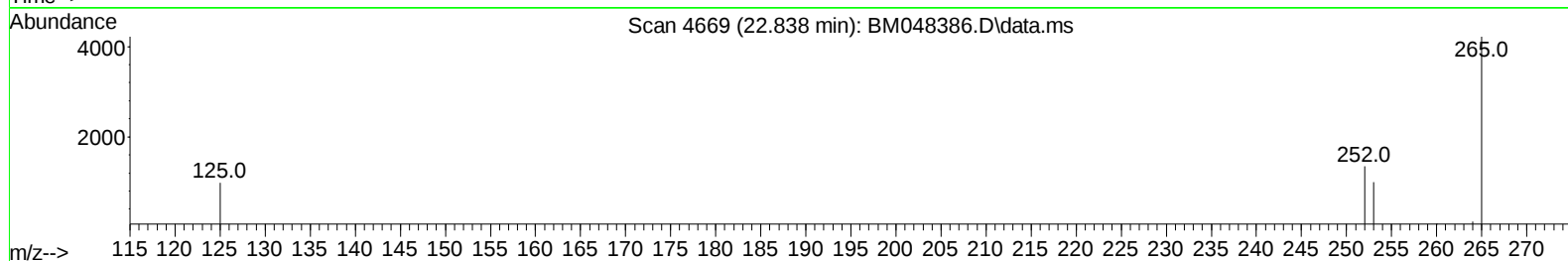
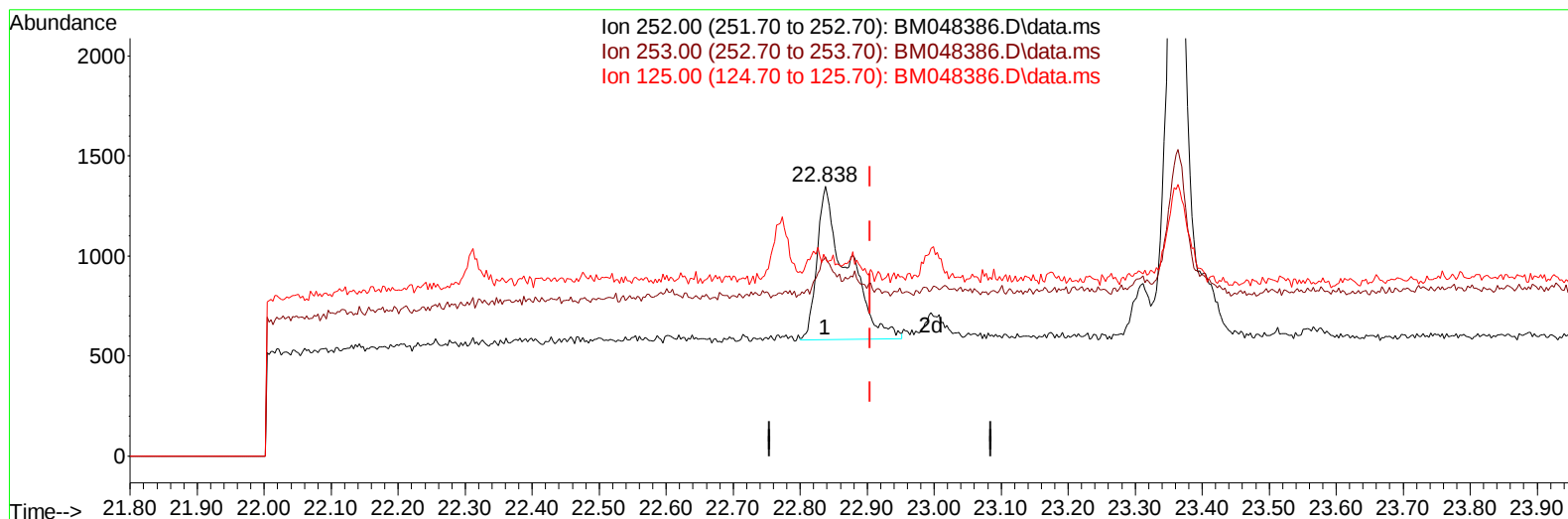
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048386.D\data.ms

(25) Benzo(k)fluoranthene

22.838min (-0.067) 0.05 ng/u1

response 2393

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	73.89#
125.00	19.10	73.29#
0.00	0.00	0.00

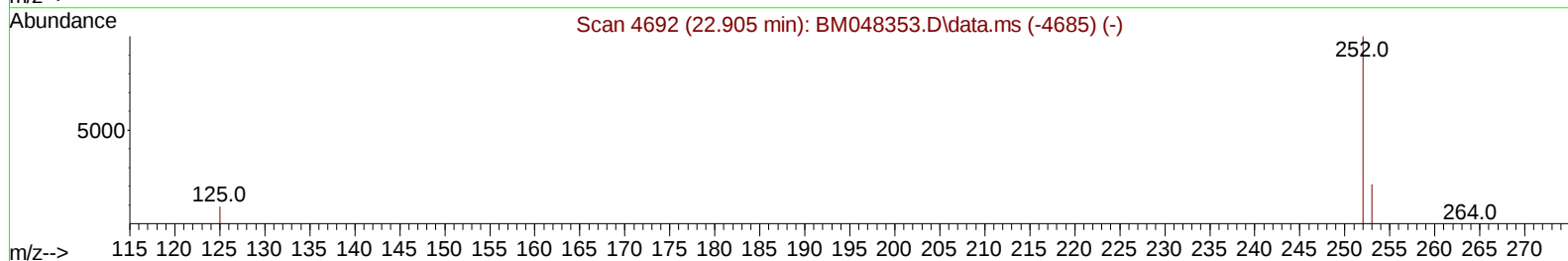
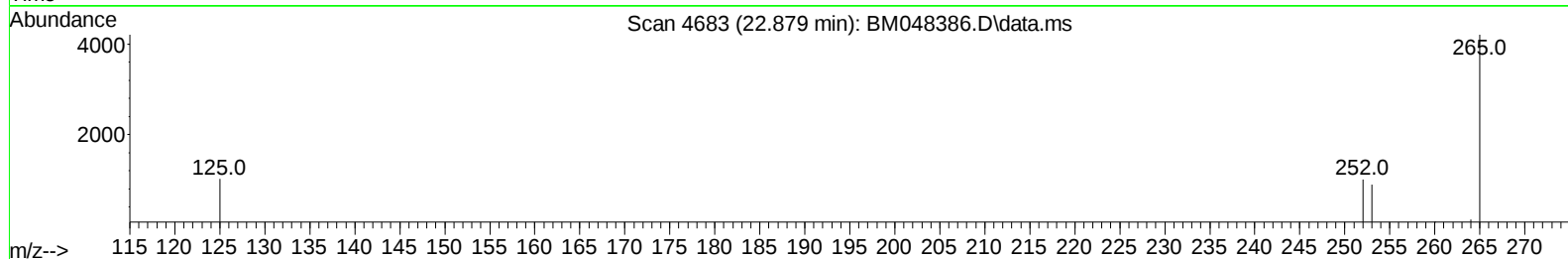
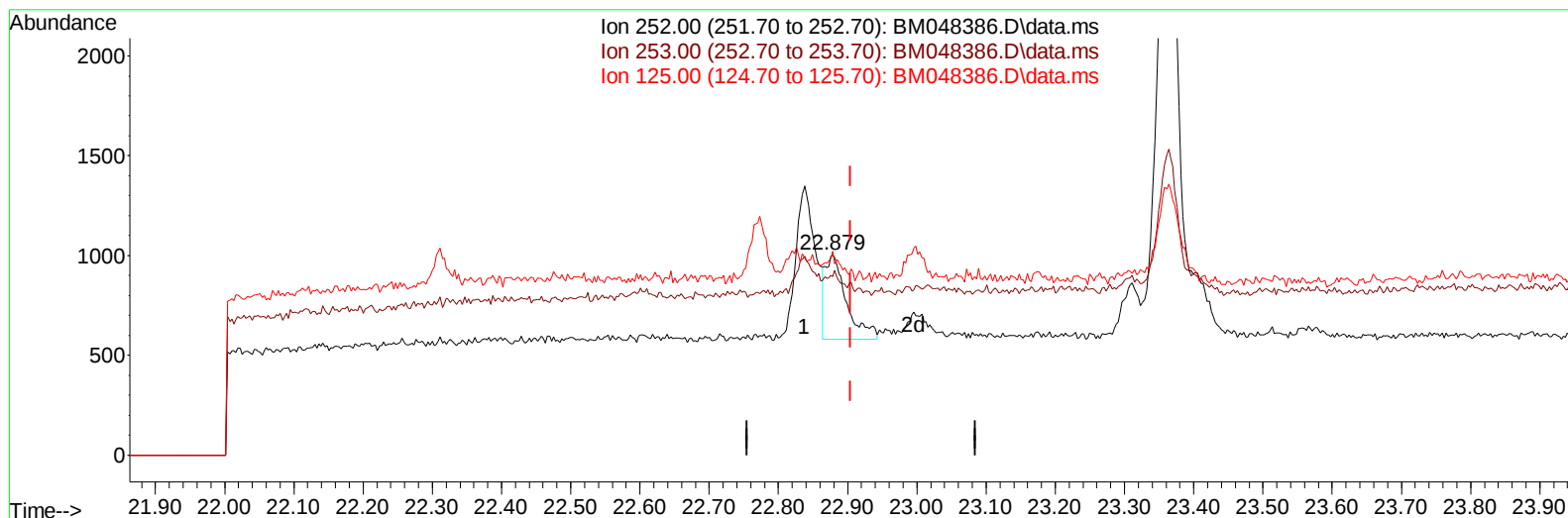
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



TIC: BM048386.D\data.ms

(25) Benzo(k)fluoranthene

22.879min (-0.026) 0.02 ng/u1 m

response 895

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	89.14#
125.00	19.10	101.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048386.D
 Acq On : 01 Nov 2024 09:32
 Operator : RC/JU
 Sample : P4592-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H06

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 21:48:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152		4662	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136		15203	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164		8270	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.091	188		16892m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.292	240		13300m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264		10761m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.160	96		35727	6.240	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.113	152		9297	0.481	ng/ul	-0.03
18) Fluoranthene-d10	19.123	212		20129	0.596	ng/ul	-0.01
Target Compounds							Qvalue
5) Naphthalene	10.541	128		2493	0.063	ng/ul#	94
11) Acenaphthene	14.410	153		524	0.020	ng/ul	95
15) Phenanthrene	17.133	178		1905m	0.045	ng/ul	
19) Fluoranthene	19.151	202		2080	0.045	ng/ul#	74
21) Benzo(a)anthracene	21.283	228		857	0.022	ng/ul#	75
24) Benzo(b)fluoranthene	22.838	252		1541m	0.042	ng/ul	
25) Benzo(k)fluoranthene	22.879	252		895m	0.021	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048386.D
Acq On : 01 Nov 2024 09:32
Operator : RC/JU
Sample : P4592-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H06

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

