

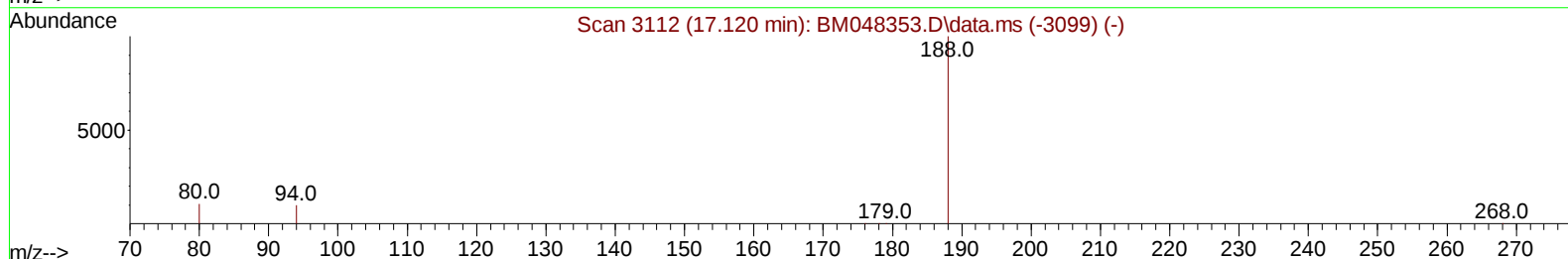
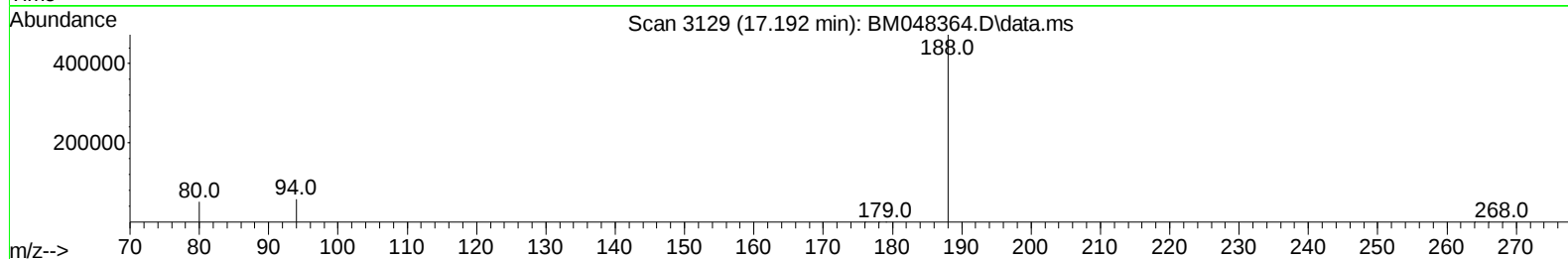
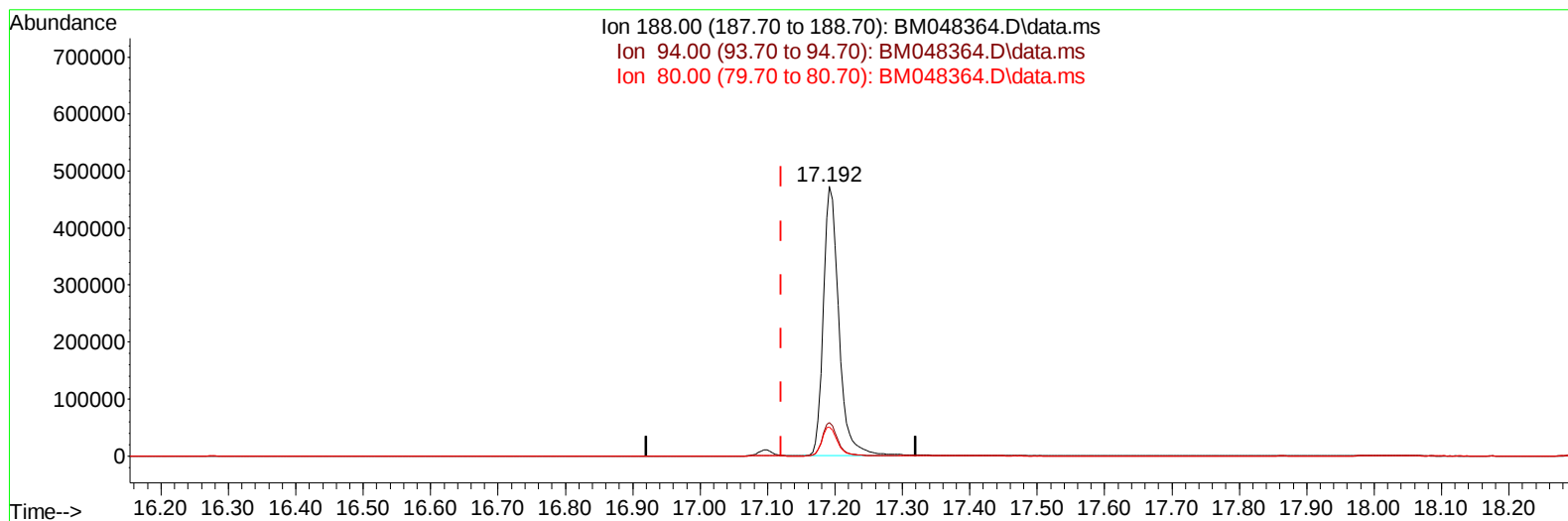
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.072) 0.40 ng/u1

response 756487

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.34
80.00	12.10	10.77
0.00	0.00	0.00

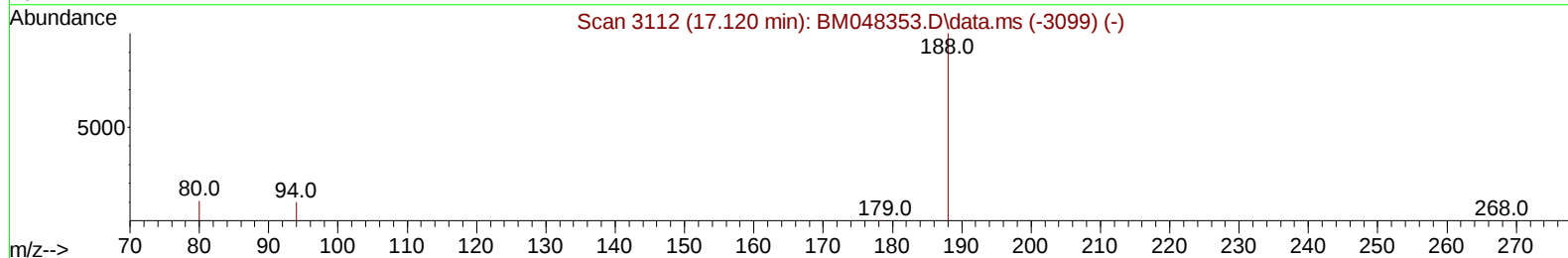
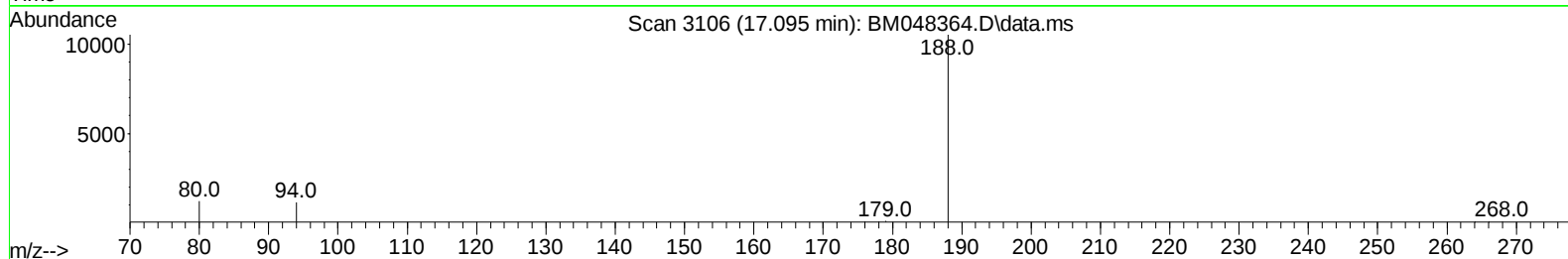
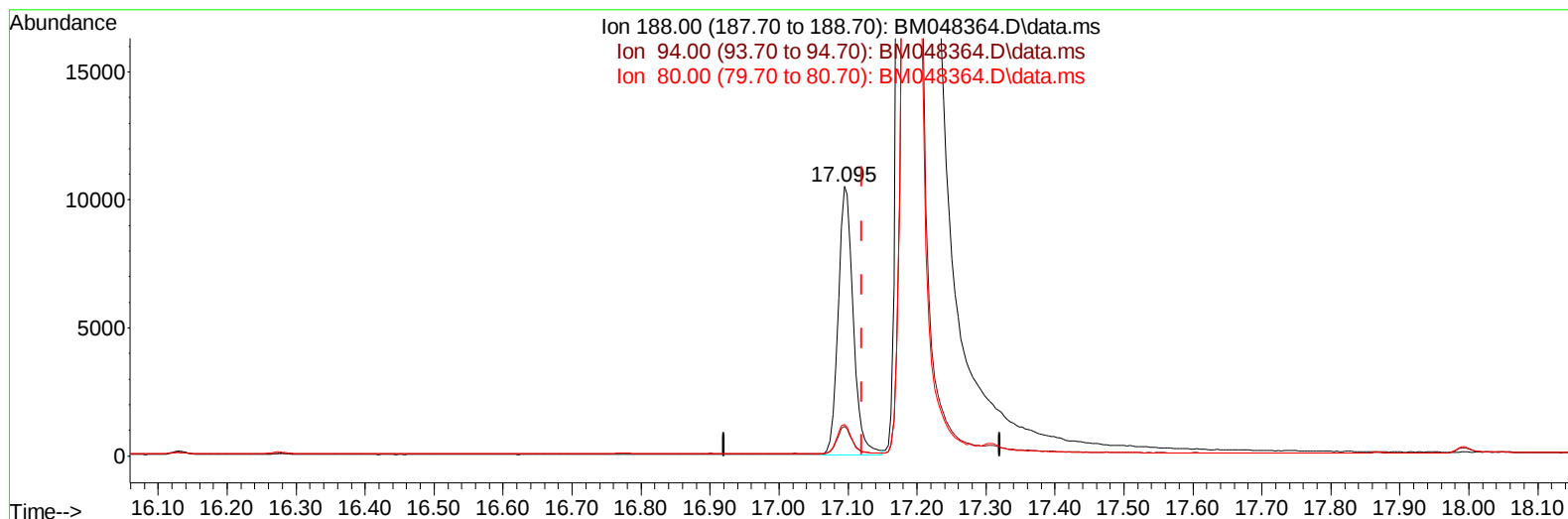
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(13) Phenanthrene-d10 (I)

17.095min (-0.025) 0.40 ng/ul m

response 15818

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	11.09
80.00	12.10	11.72
0.00	0.00	0.00

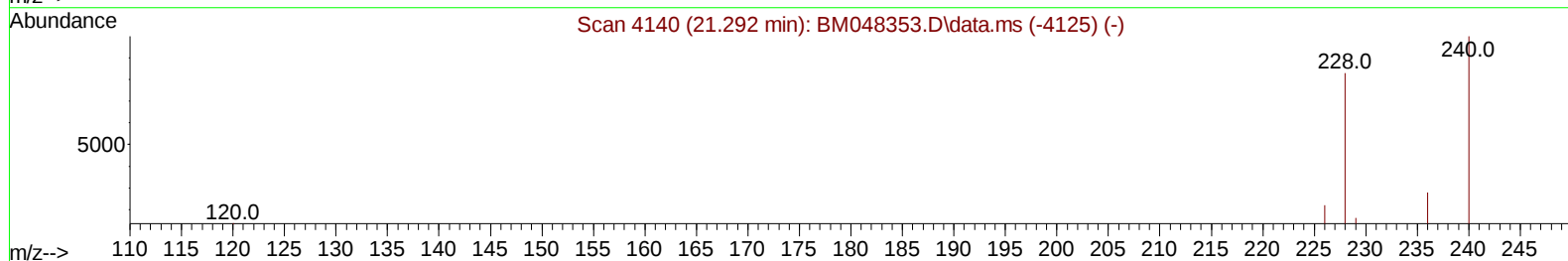
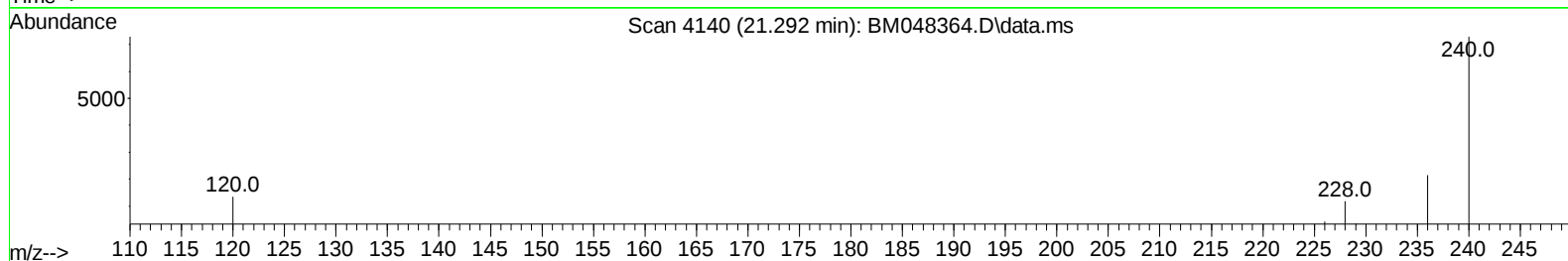
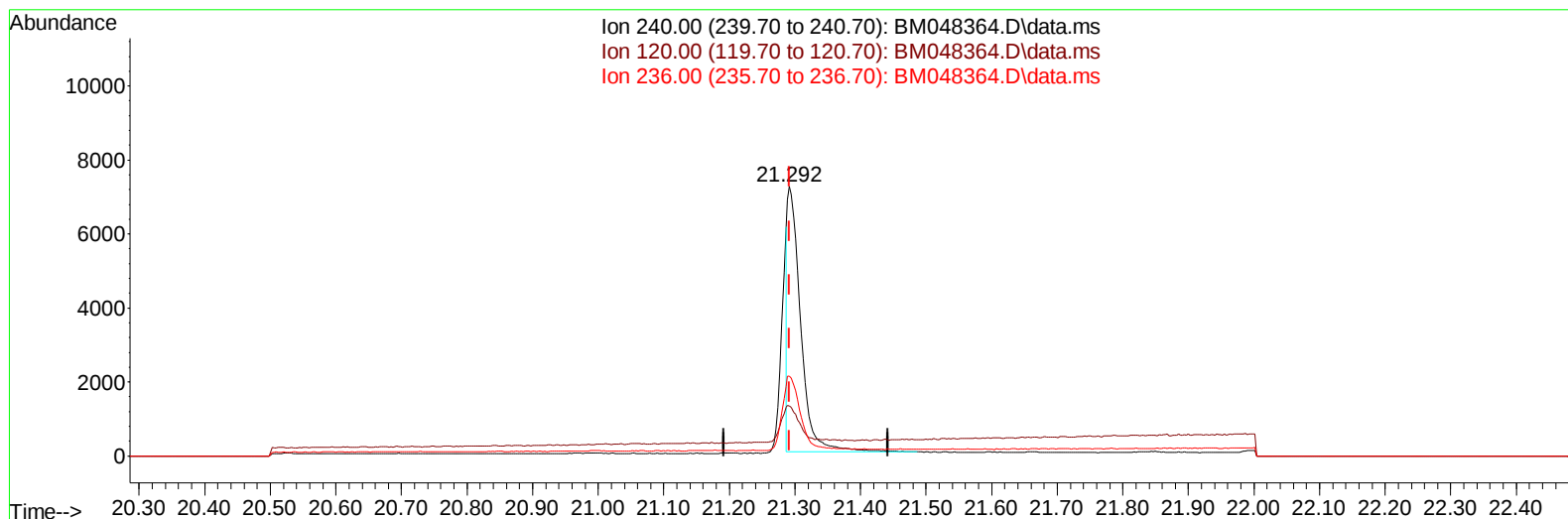
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(17) Chrysene-d12

21.292min (0.000) 0.40 ng/u1

response 10092

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	18.56
236.00	29.90	29.50
0.00	0.00	0.00

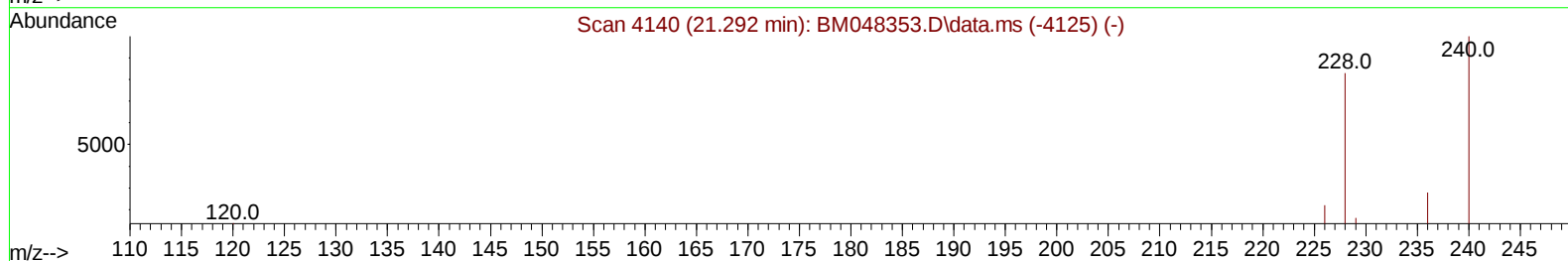
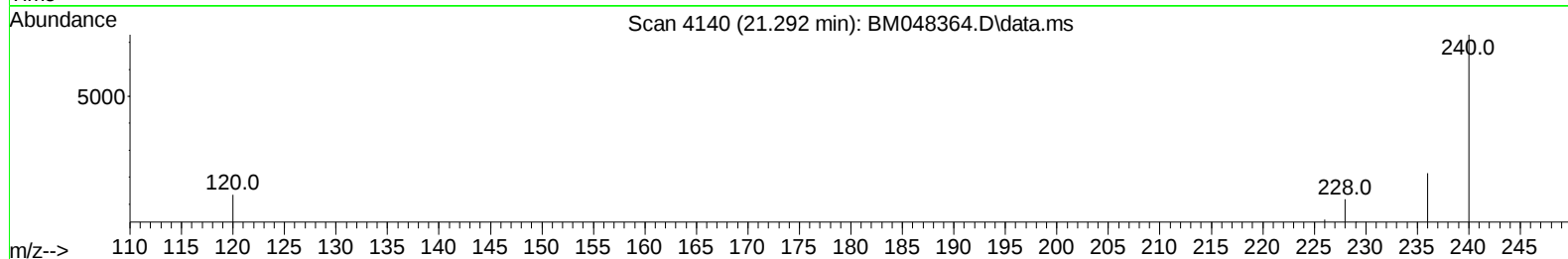
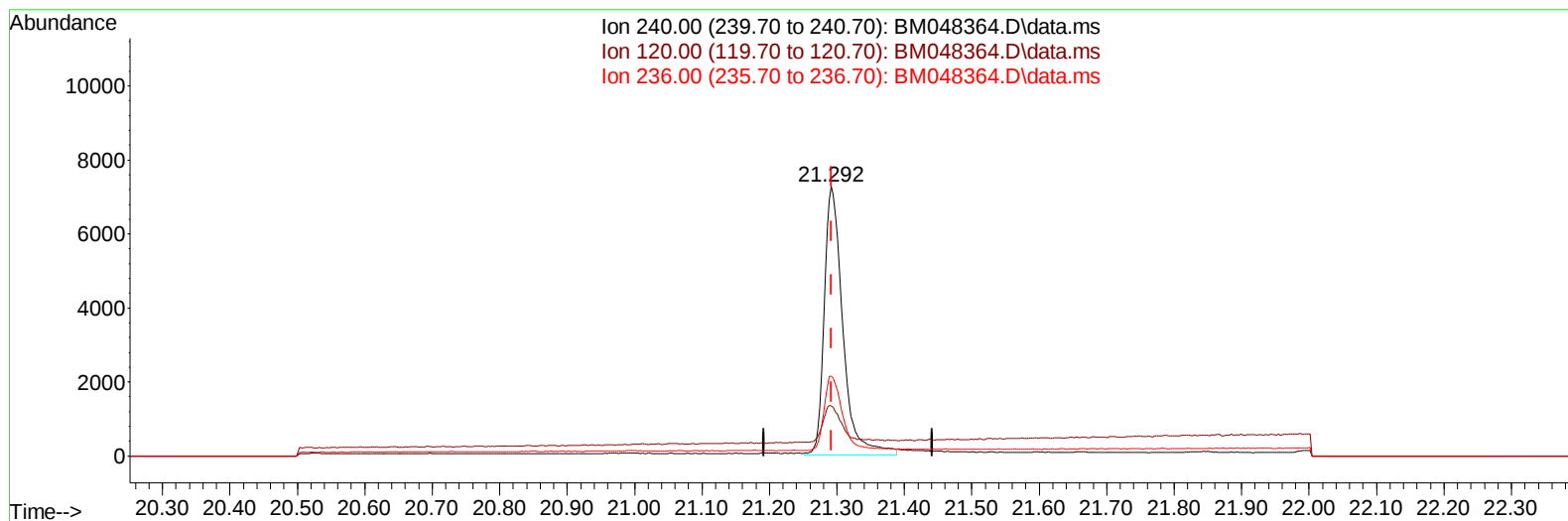
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(17) Chrysene-d12

21.292min (0.000) 0.40 ng/u1 m

response 13899

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	18.56
236.00	29.90	29.50
0.00	0.00	0.00

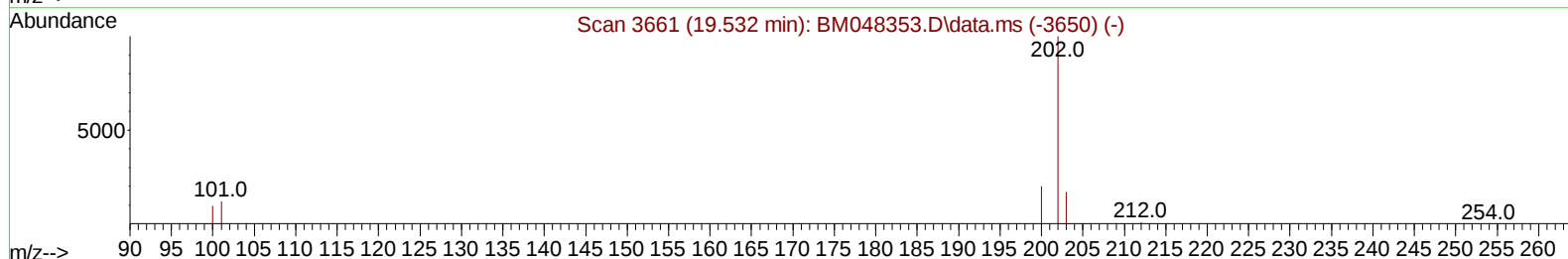
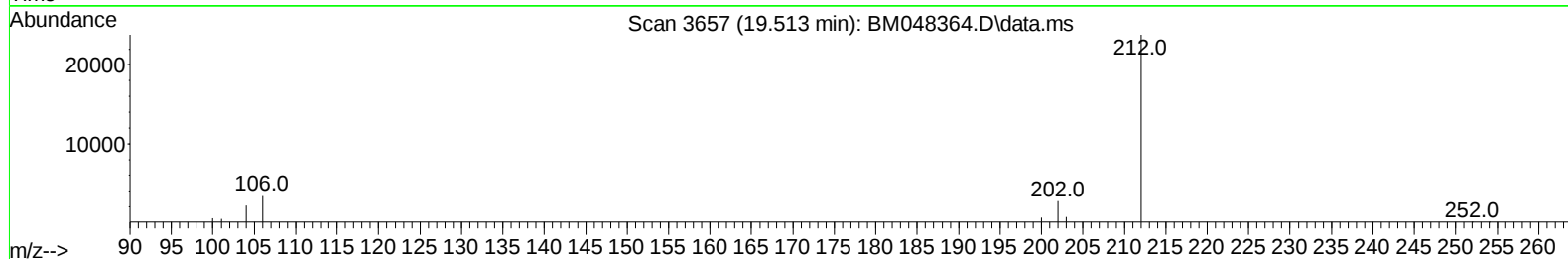
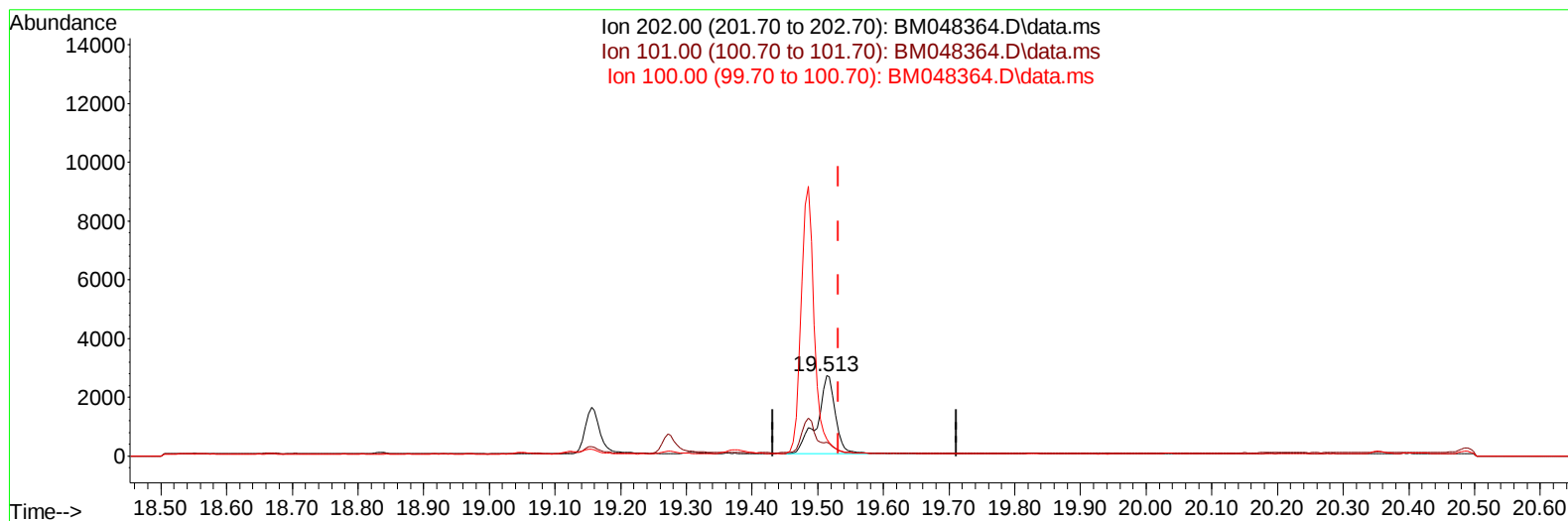
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(20) Pyrene

19.513min (-0.019) 0.10 ng/u1

response 5203

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	16.83#
100.00	10.00	20.97#
0.00	0.00	0.00

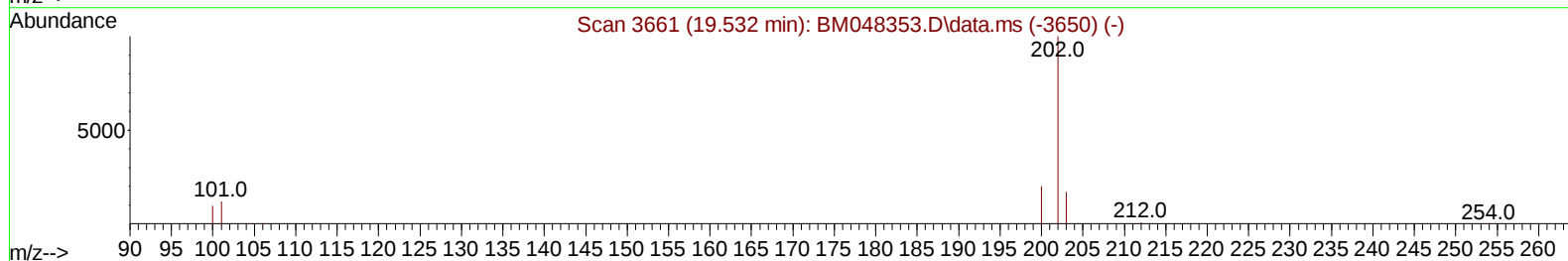
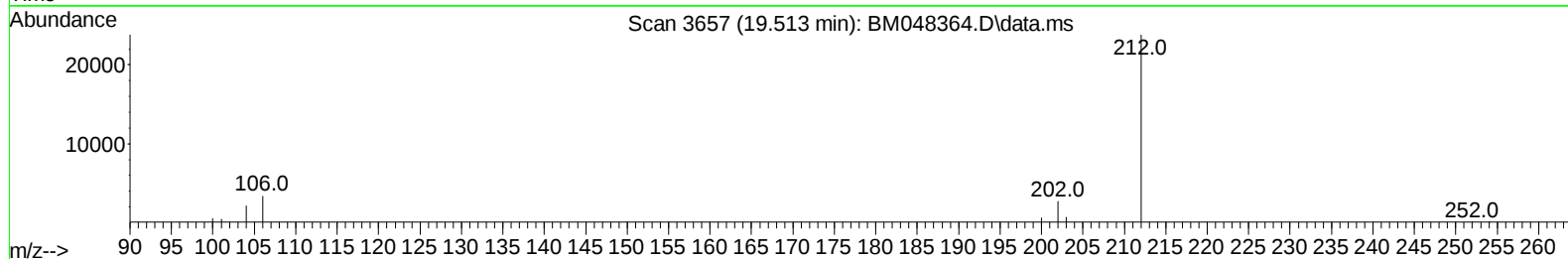
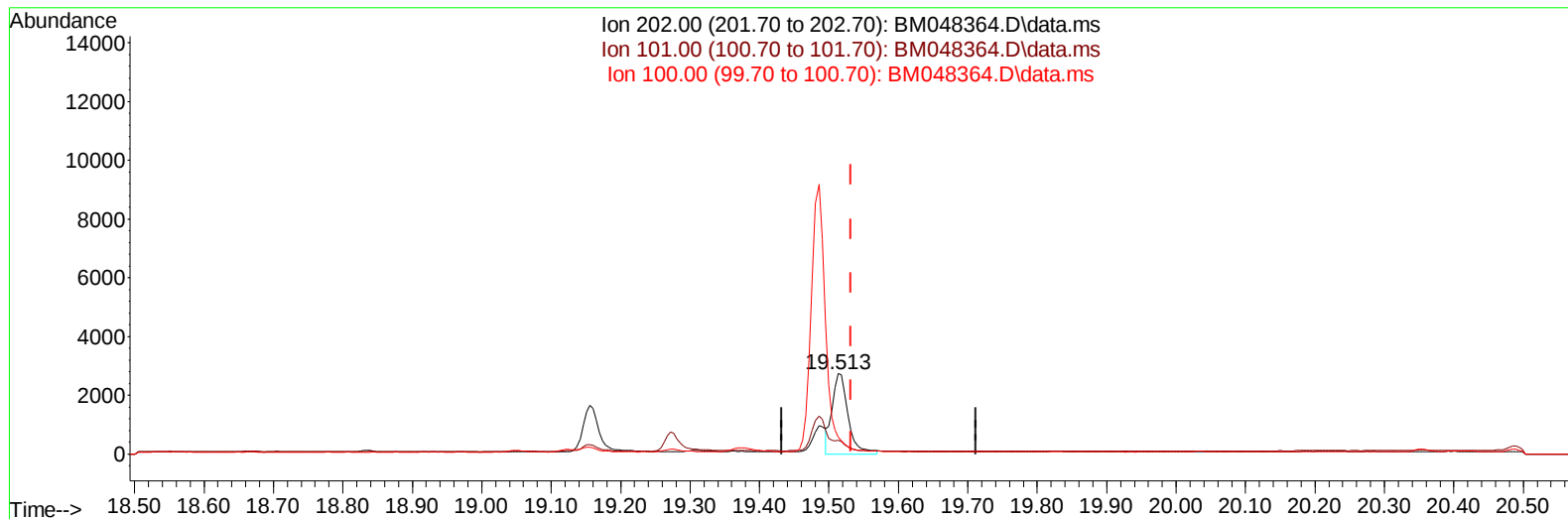
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(20) Pyrene

19.513min (-0.019) 0.09 ng/u1 m

response 4440

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	16.83#
100.00	10.00	20.97#
0.00	0.00	0.00

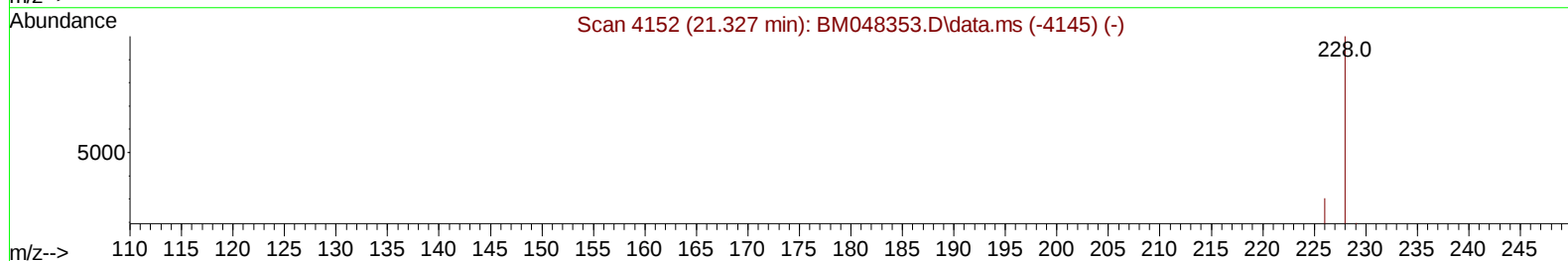
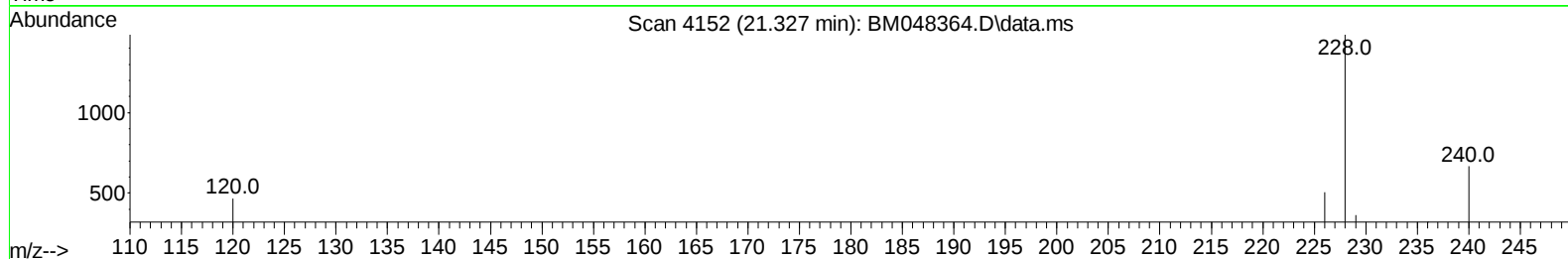
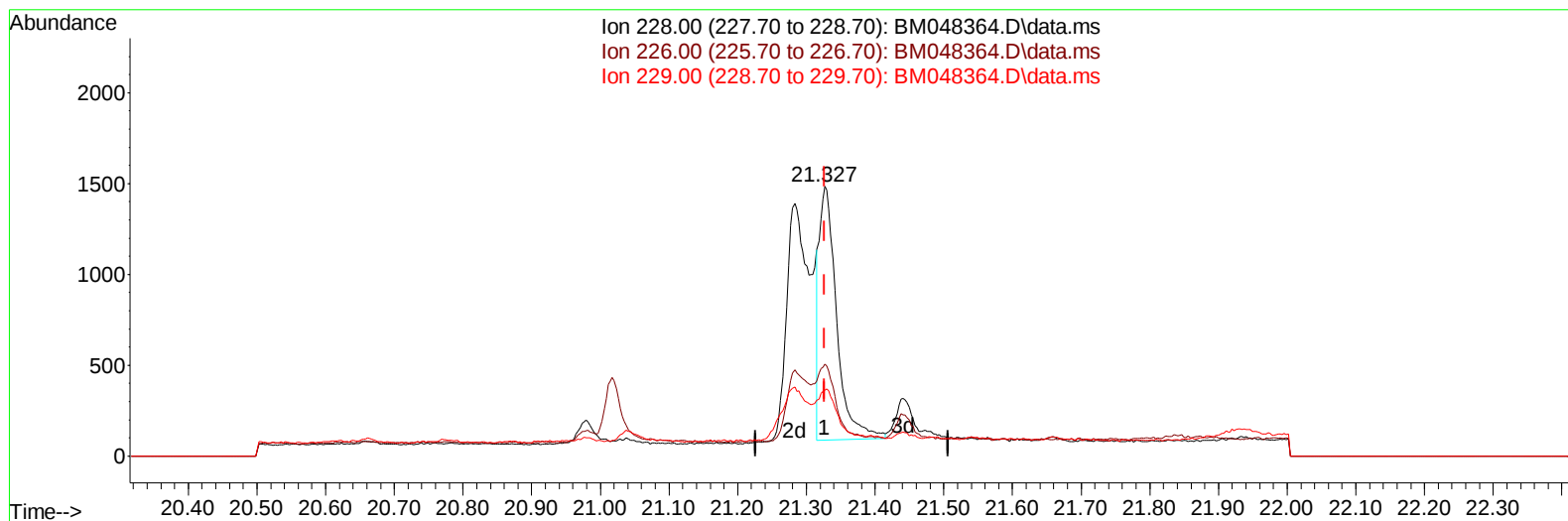
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(22) Chrysene

21.327min (-0.000) 0.04 ng/u1

response 2449

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	34.16
229.00	19.90	24.46#
0.00	0.00	0.00

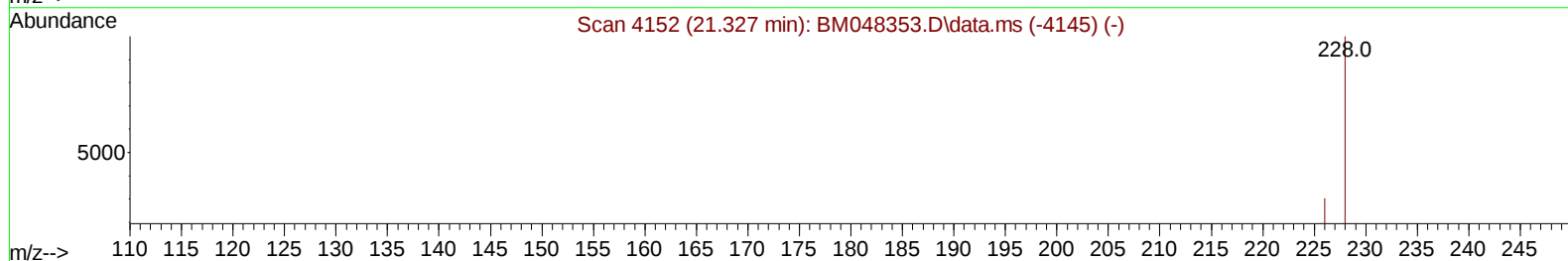
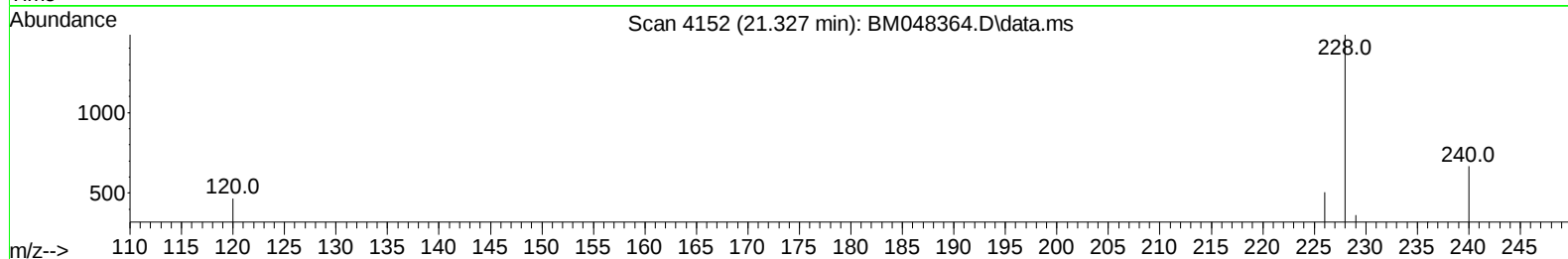
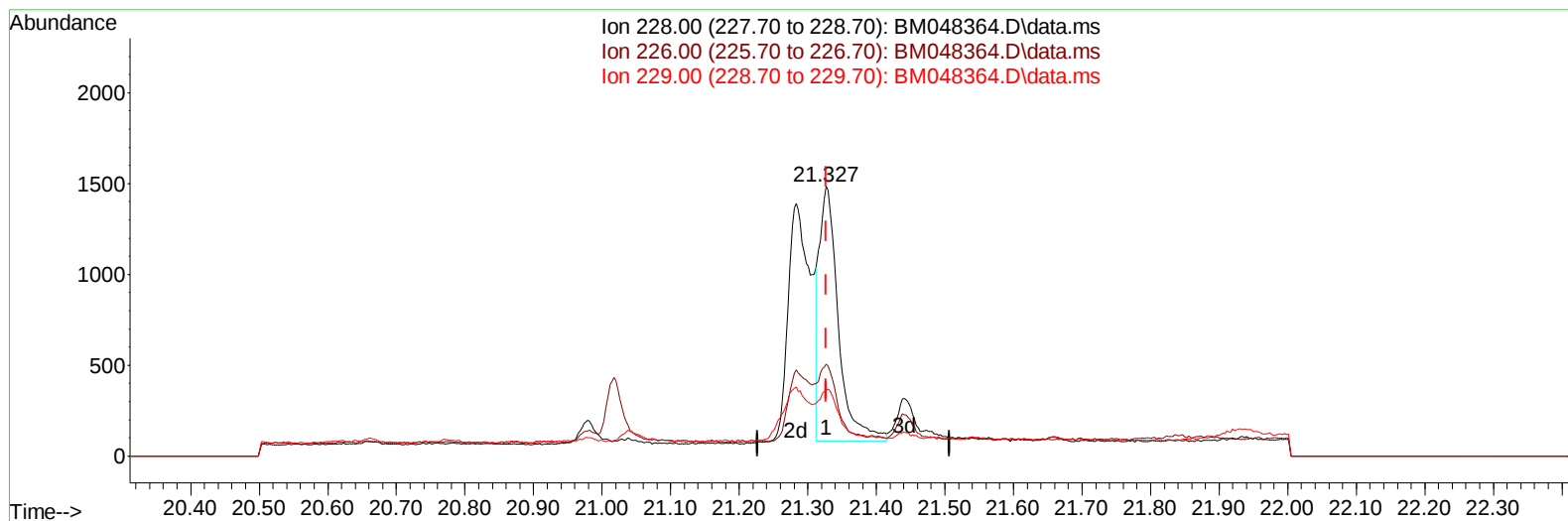
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(22) Chrysene

21.327min (-0.000) 0.05 ng/u1 m

response 2681

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	34.16
229.00	19.90	24.46#
0.00	0.00	0.00

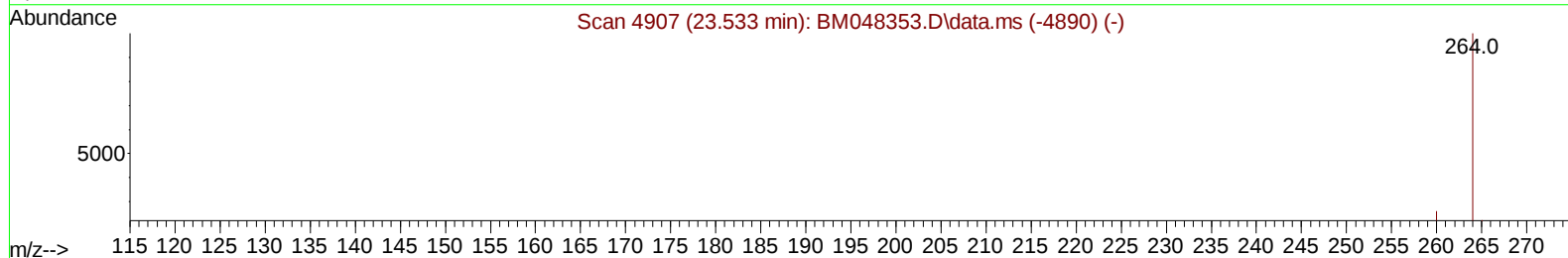
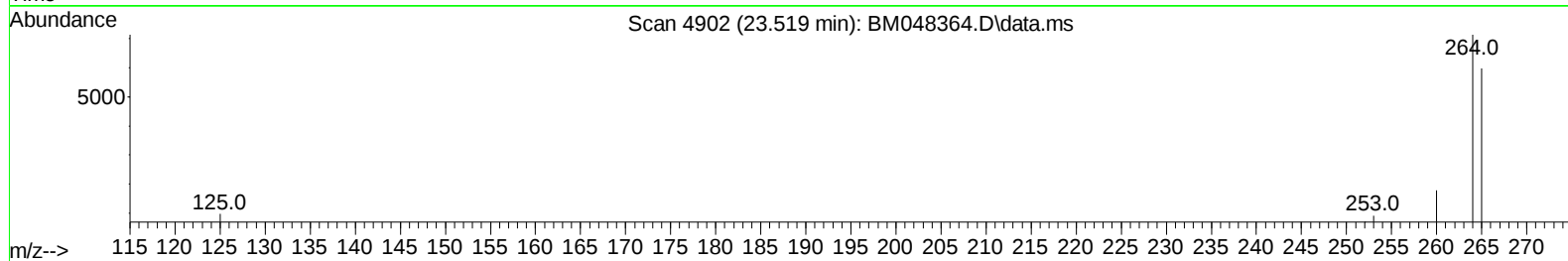
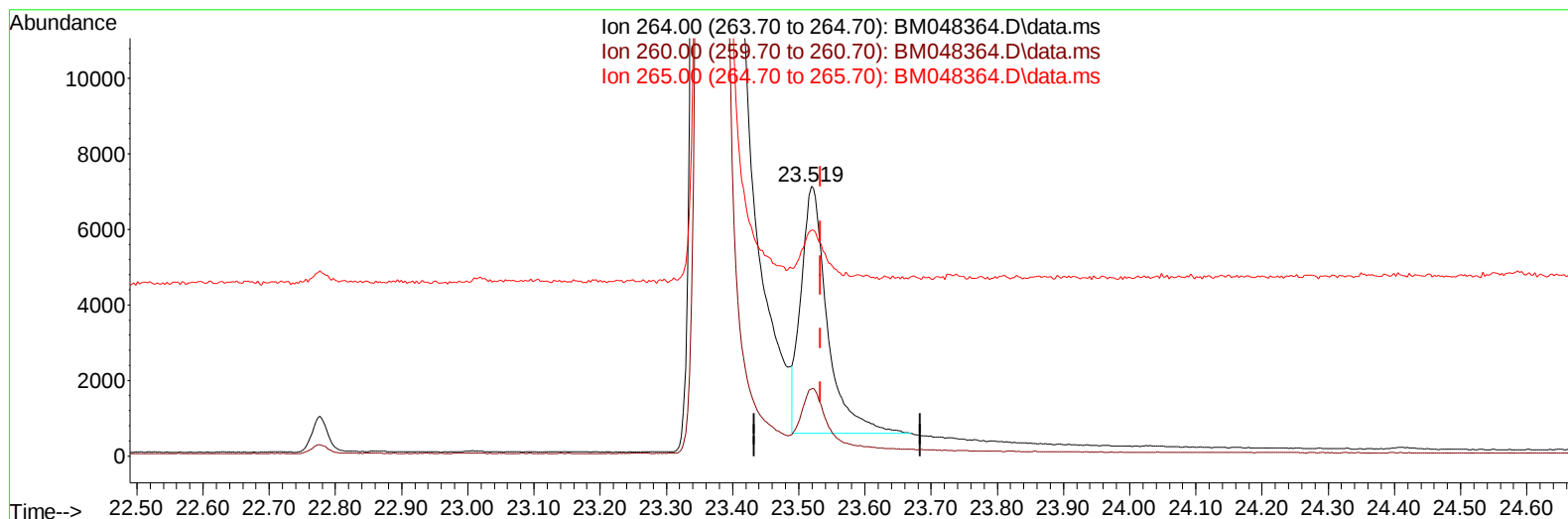
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(23) Perylene-d12 (I)

23.519min (-0.015) 0.40 ng/u1

response 18093

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.87
265.00	120.80	83.82#
0.00	0.00	0.00

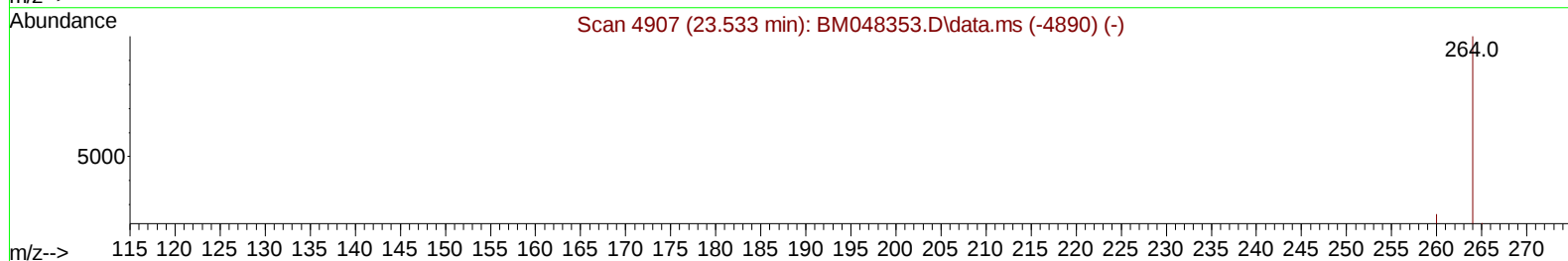
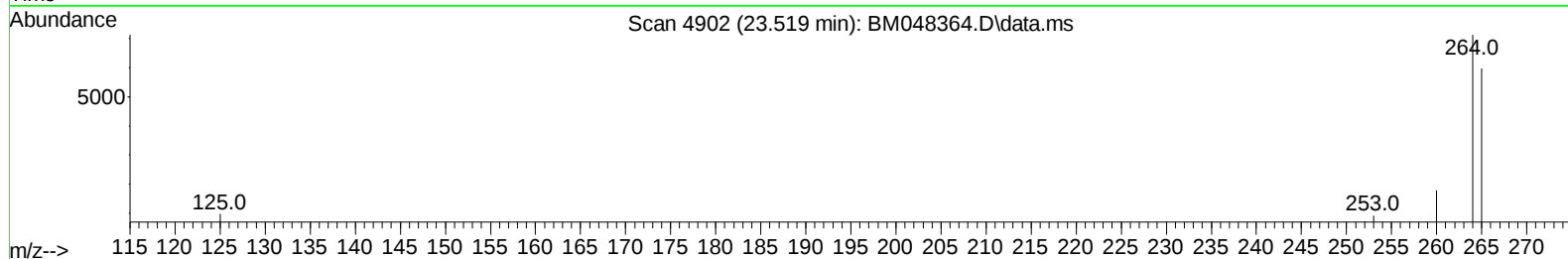
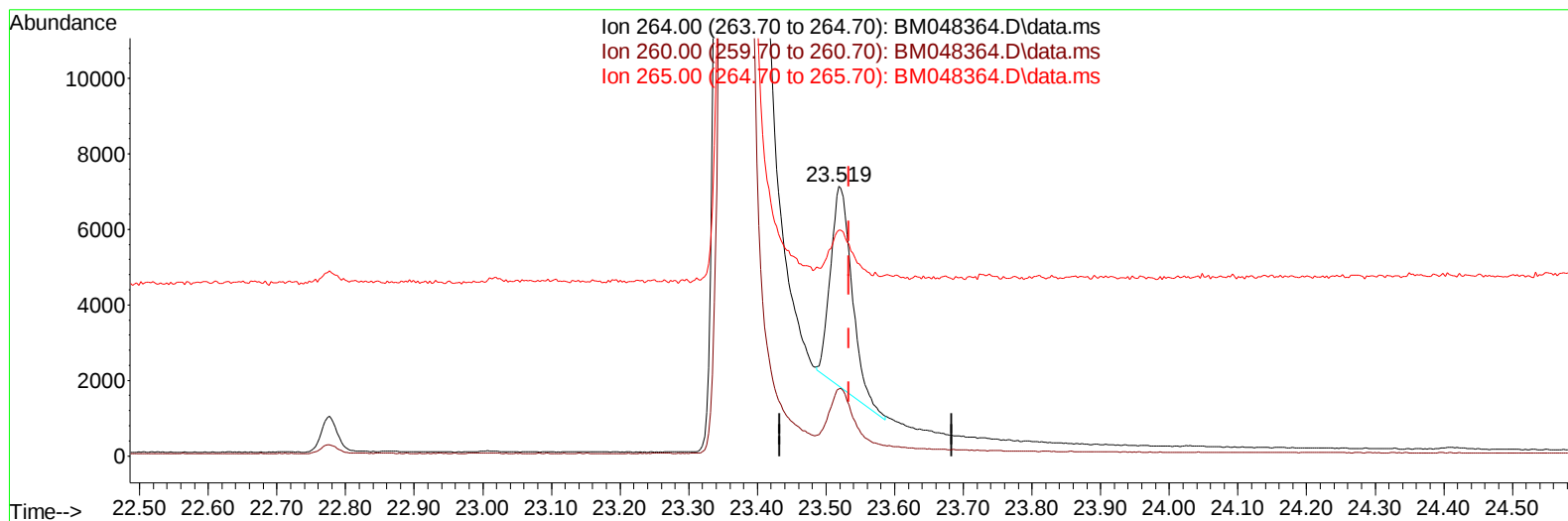
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(23) Perylene-d12 (I)

23.519min (-0.015) 0.40 ng/ul m

response 11427

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.87
265.00	120.80	83.82#
0.00	0.00	0.00

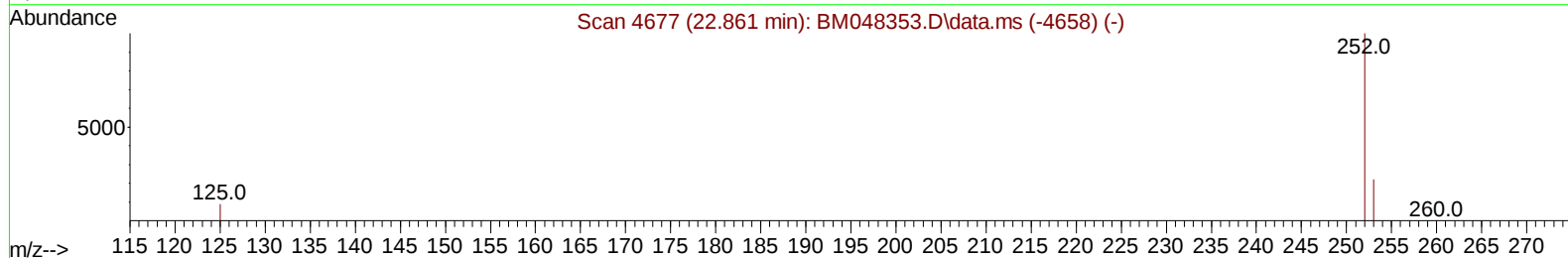
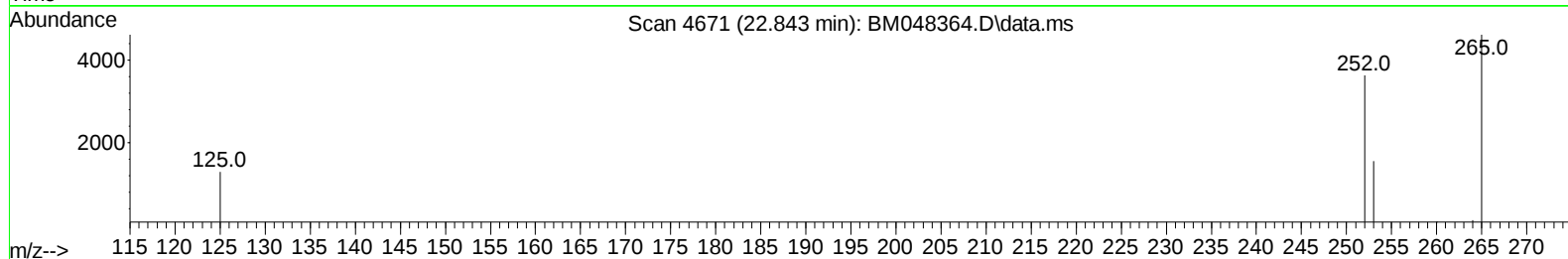
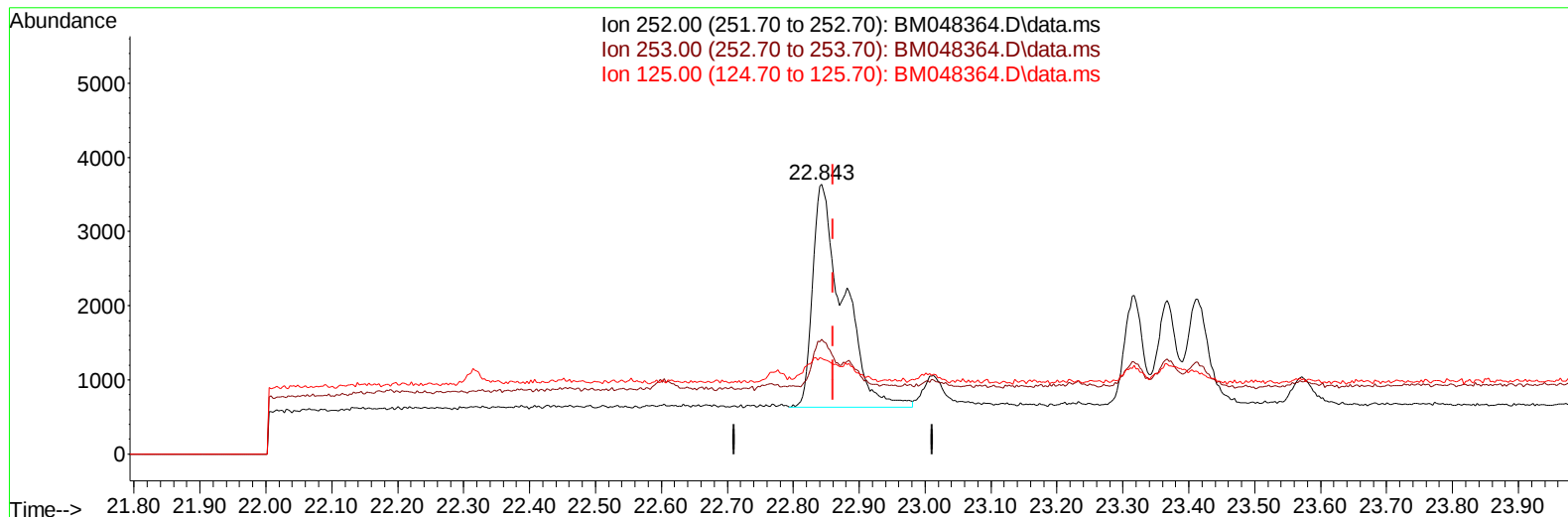
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(24) Benzo(b)fluoranthene

22.843min (-0.018) 0.25 ng/u1

response 9693

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	42.49
125.00	19.00	35.47
0.00	0.00	0.00

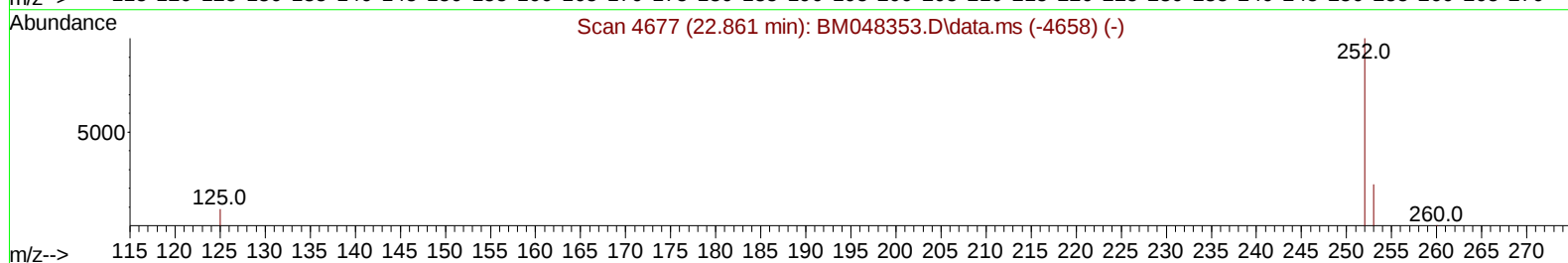
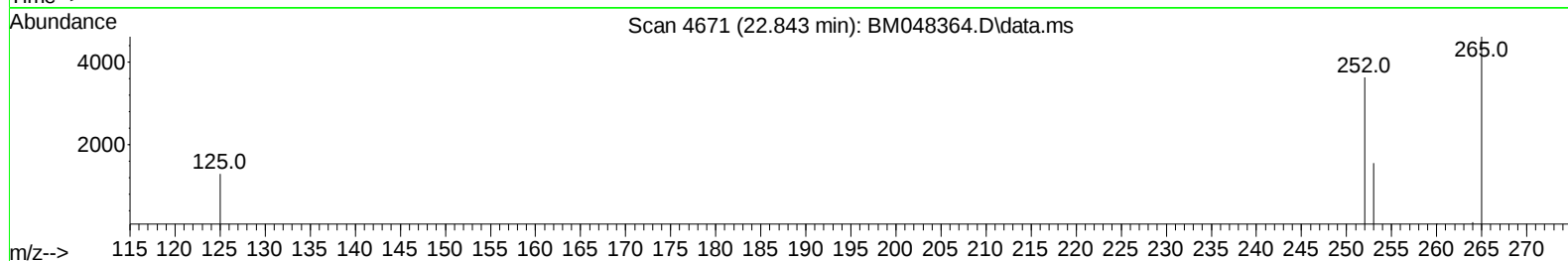
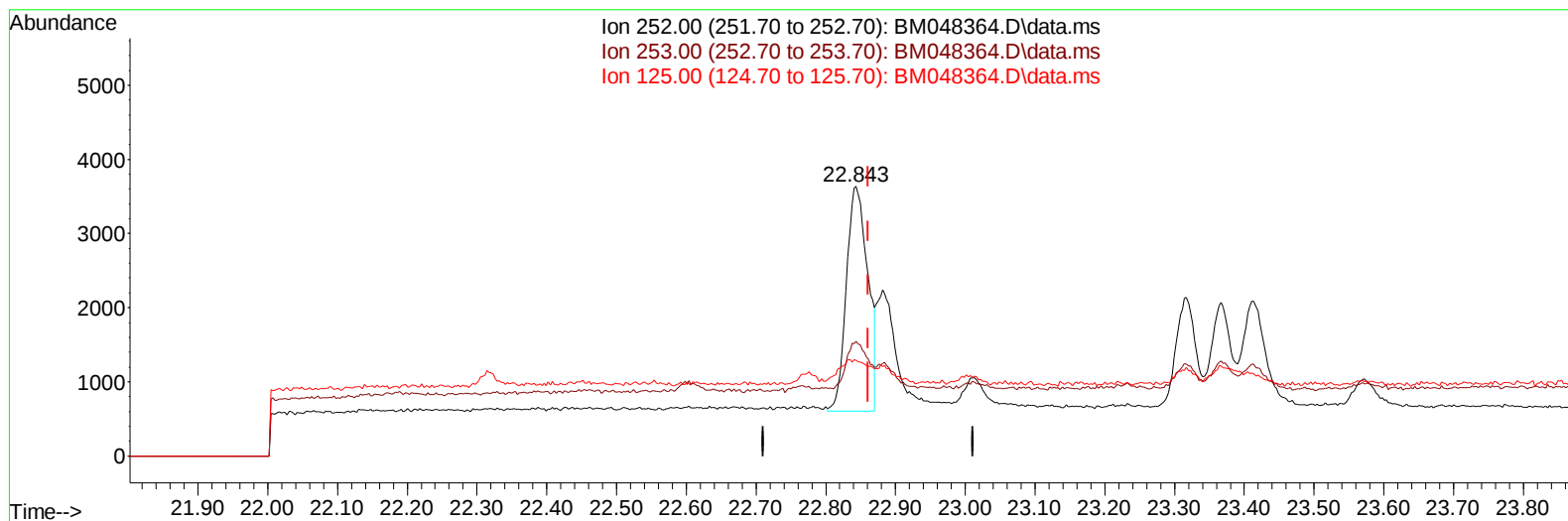
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(24) Benzo(b)fluoranthene

22.843min (-0.018) 0.17 ng/u1 m

response 6471

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	42.49
125.00	19.00	35.47
0.00	0.00	0.00

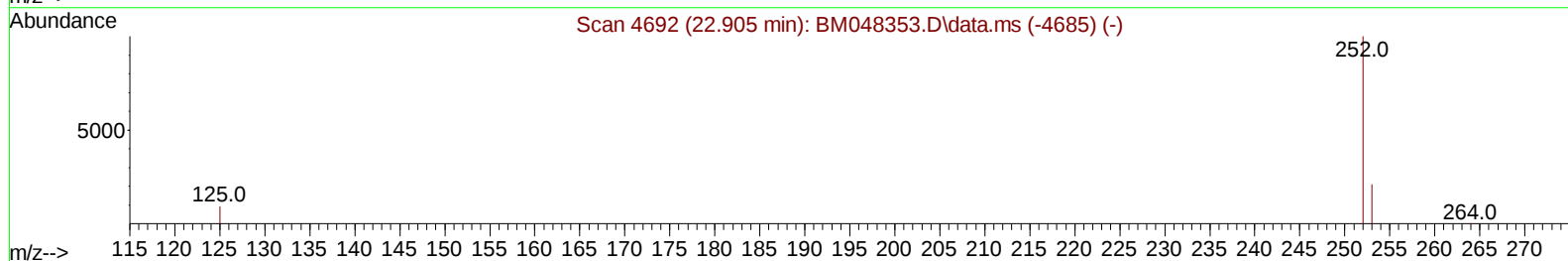
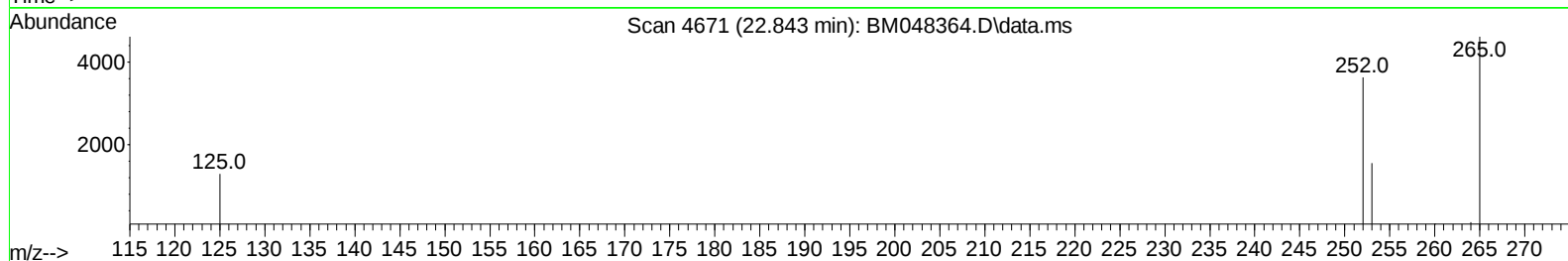
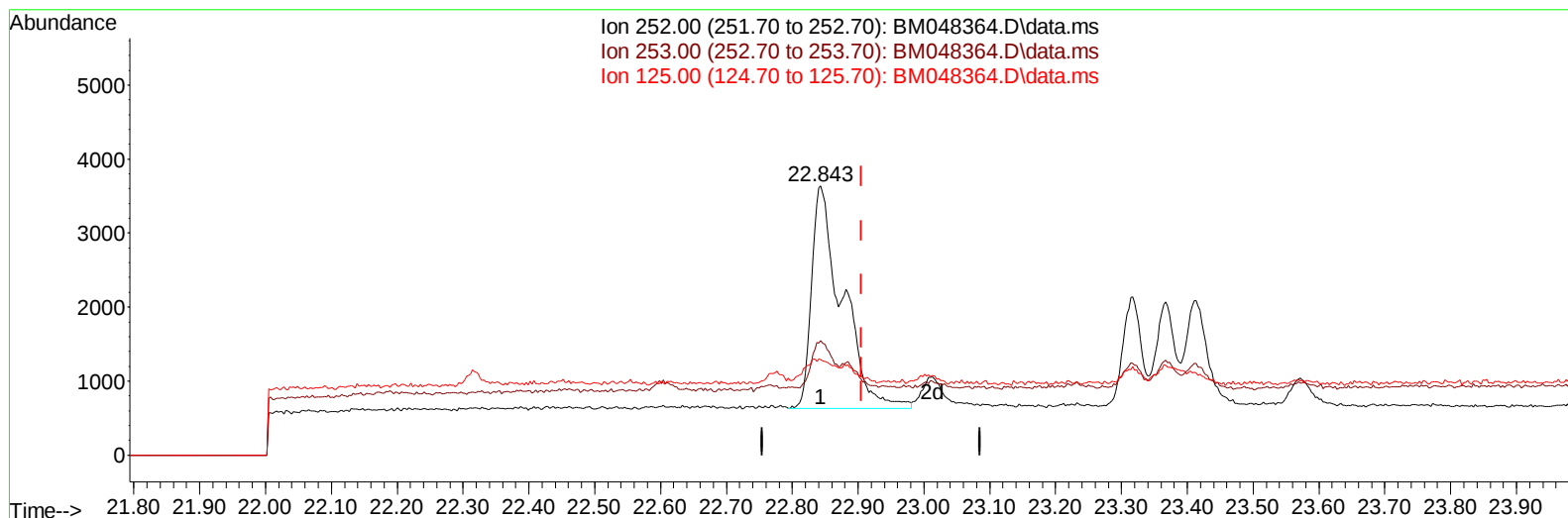
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(25) Benzo(k)fluoranthene

22.843min (-0.061) 0.21 ng/u1

response 9693

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	42.49#
125.00	19.10	35.47#
0.00	0.00	0.00

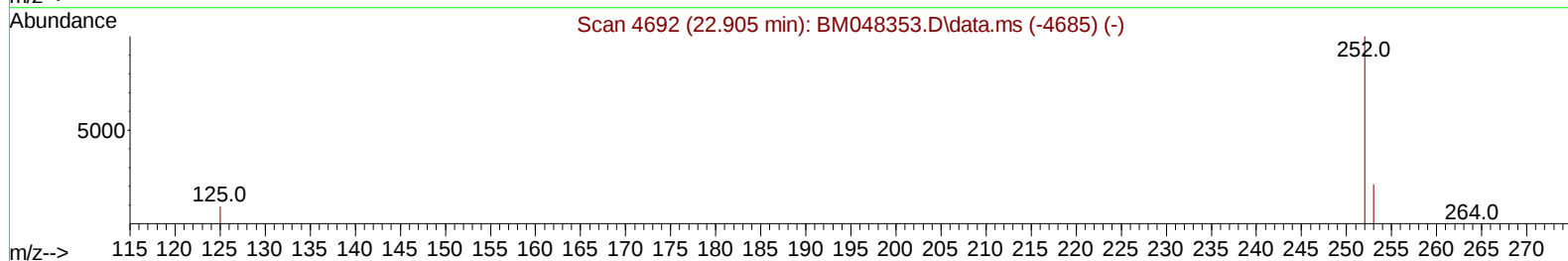
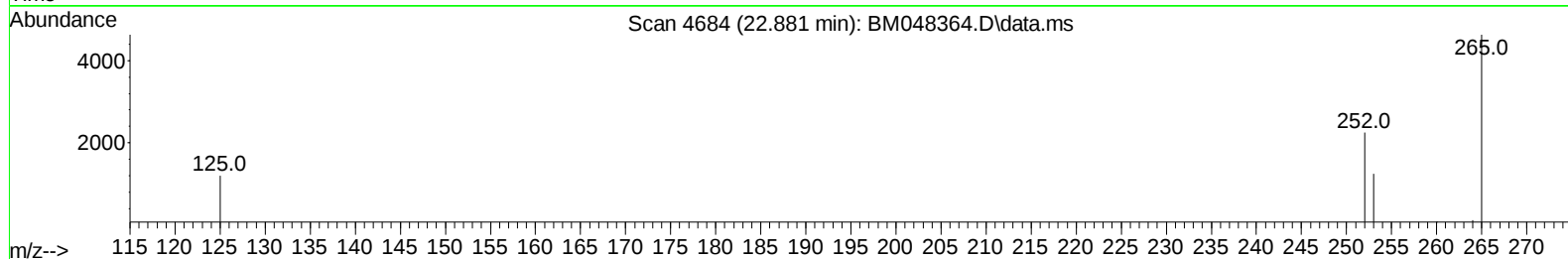
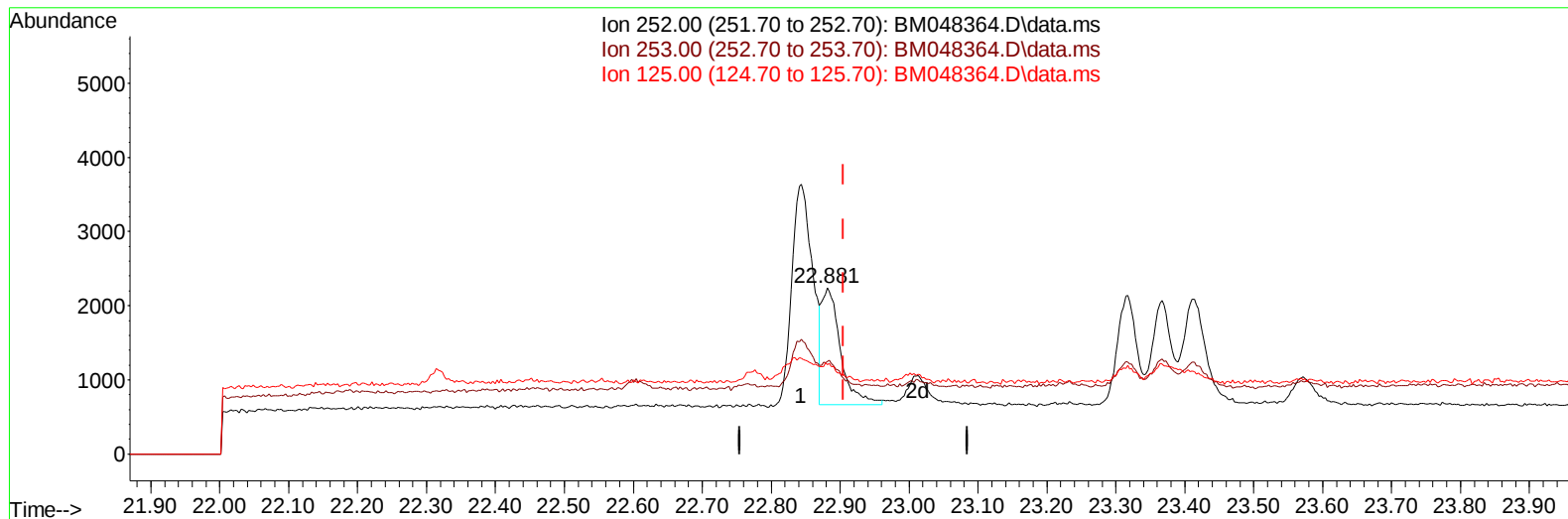
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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: BM048364.D\data.ms

(25) Benzo(k)fluoranthene

22.881min (-0.023) 0.06 ng/u1 m

response 3002

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	55.73#
125.00	19.10	53.59#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048364.D
 Acq On : 31 Oct 2024 19:01
 Operator : RC/JU
 Sample : P4530-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H31

Manual IntegrationsAPPROVED

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

Quant Time: Nov 03 07:03:34 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	7.712	152		4556	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136		14390	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.354	164		7803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.095	188		15818m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.292	240		13899m	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264		11427m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		17105	3.057	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152		4073	0.222	ng/ul	-0.02
18) Fluoranthene-d10	19.128	212		9703	0.275	ng/ul	0.00
Target Compounds							Qvalue
19) Fluoranthene	19.155	202		2550	0.053	ng/ul#	82
20) Pyrene	19.513	202		4440m	0.086	ng/ul	
21) Benzo(a)anthracene	21.283	228		3012	0.072	ng/ul#	86
22) Chrysene	21.327	228		2681m	0.047	ng/ul	
24) Benzo(b)fluoranthene	22.843	252		6471m	0.166	ng/ul	
25) Benzo(k)fluoranthene	22.881	252		3002m	0.065	ng/ul	
26) Benzo(a)pyrene	23.414	252		3053	0.083	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	25.832	276		2800	0.055	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.846	278		959	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.517	276		2712	0.063	ng/ul#	71

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048364.D
Acq On : 31 Oct 2024 19:01
Operator : RC/JU
Sample : P4530-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H31

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:03:34 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

