

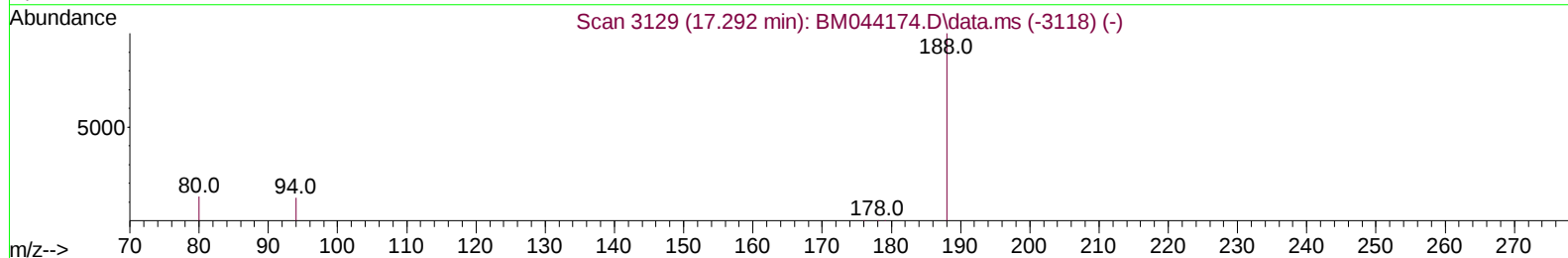
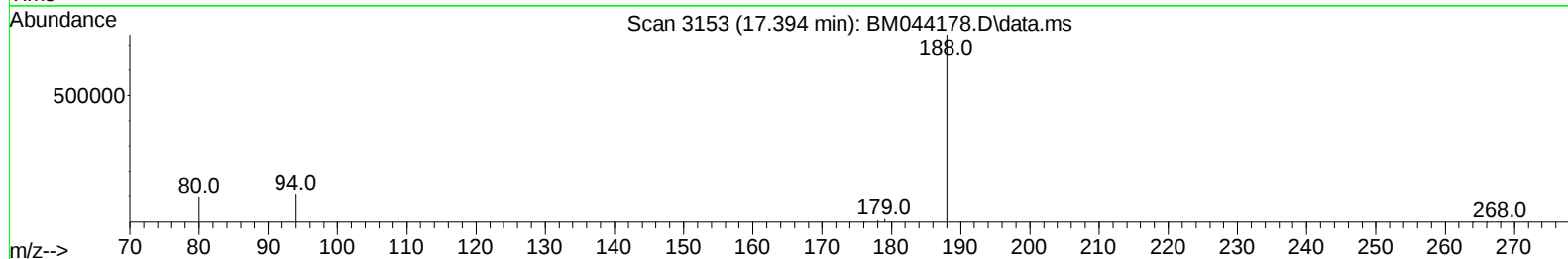
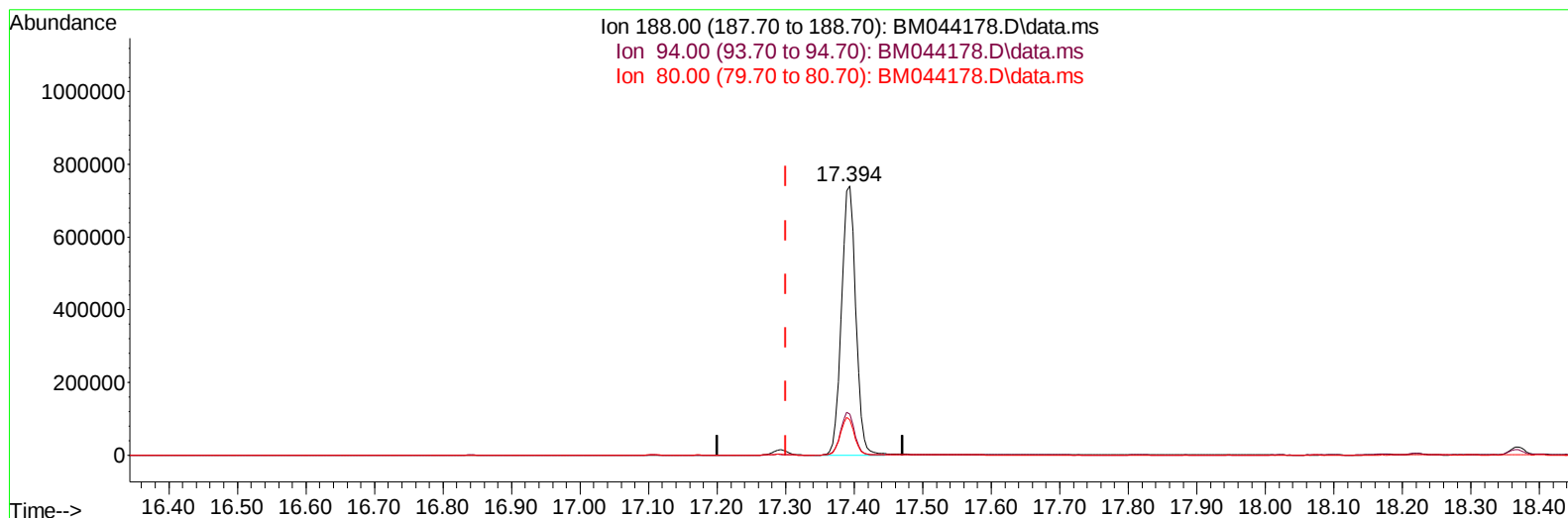
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(13) Phenanthrene-d10 (I)

17.394min (+ 0.093) 0.40 ng/u1

response 1066453

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.14#
80.00	13.40	13.14
0.00	0.00	0.00

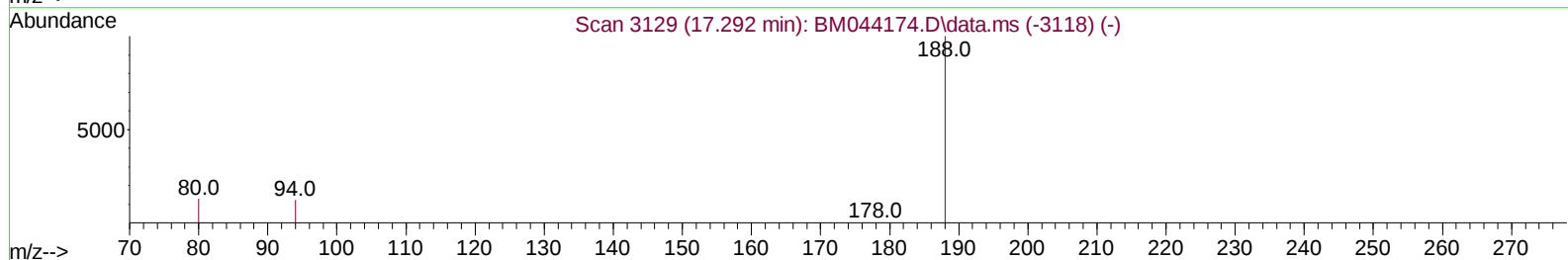
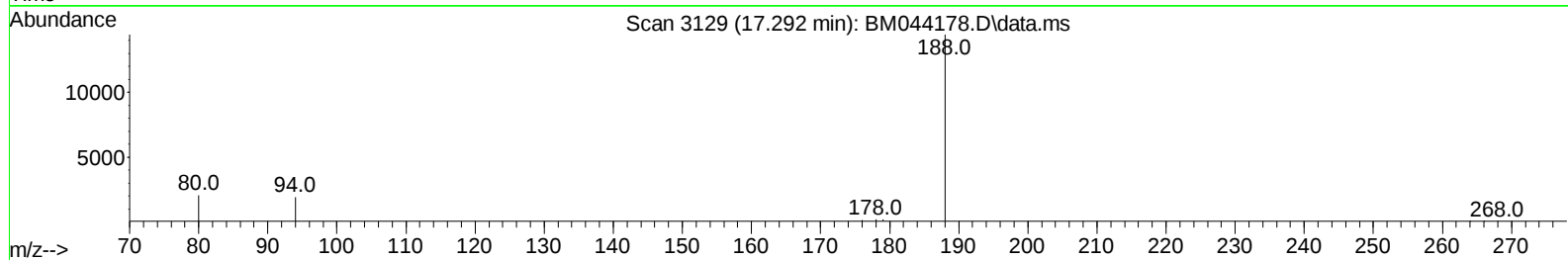
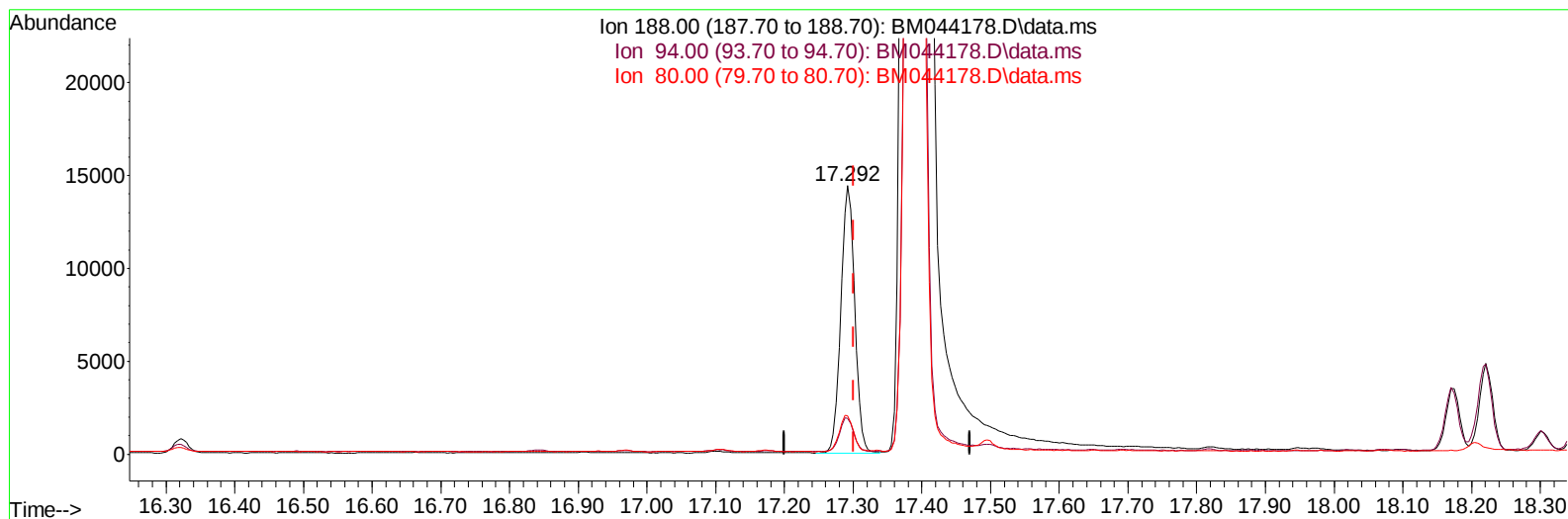
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(13) Phenanthrene-d10 (I)

17.292min (-0.008) 0.40 ng/u1 m

response 20069

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.29
80.00	13.40	14.26
0.00	0.00	0.00

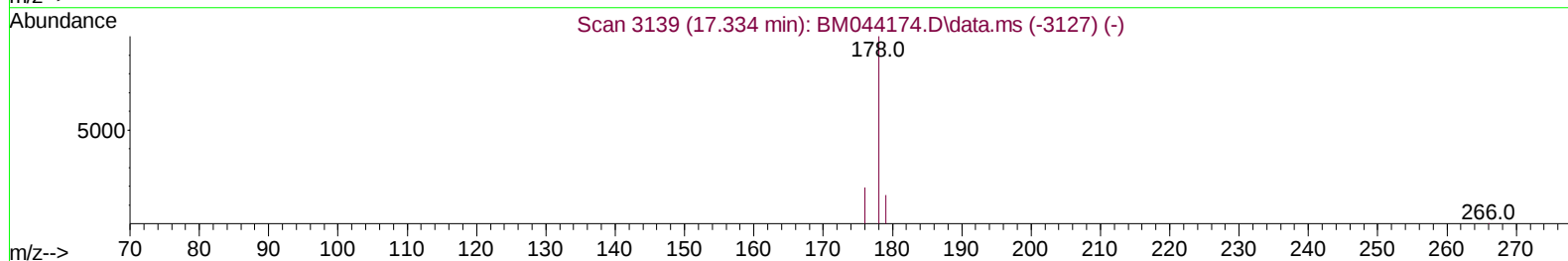
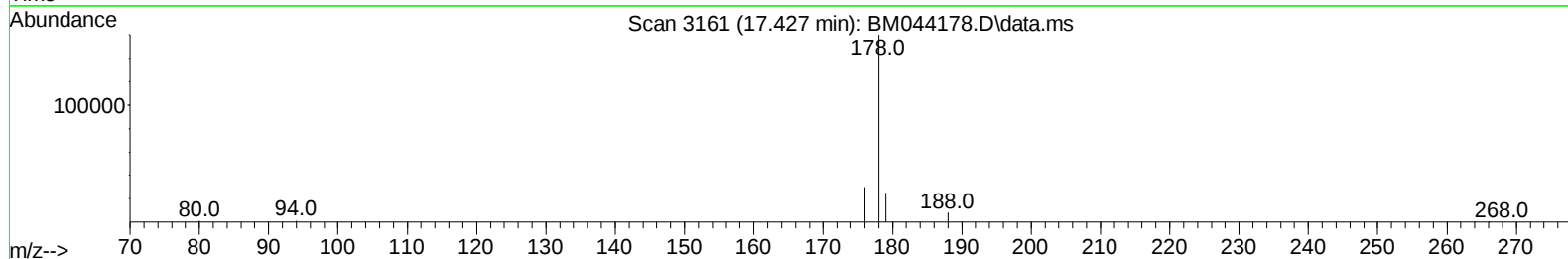
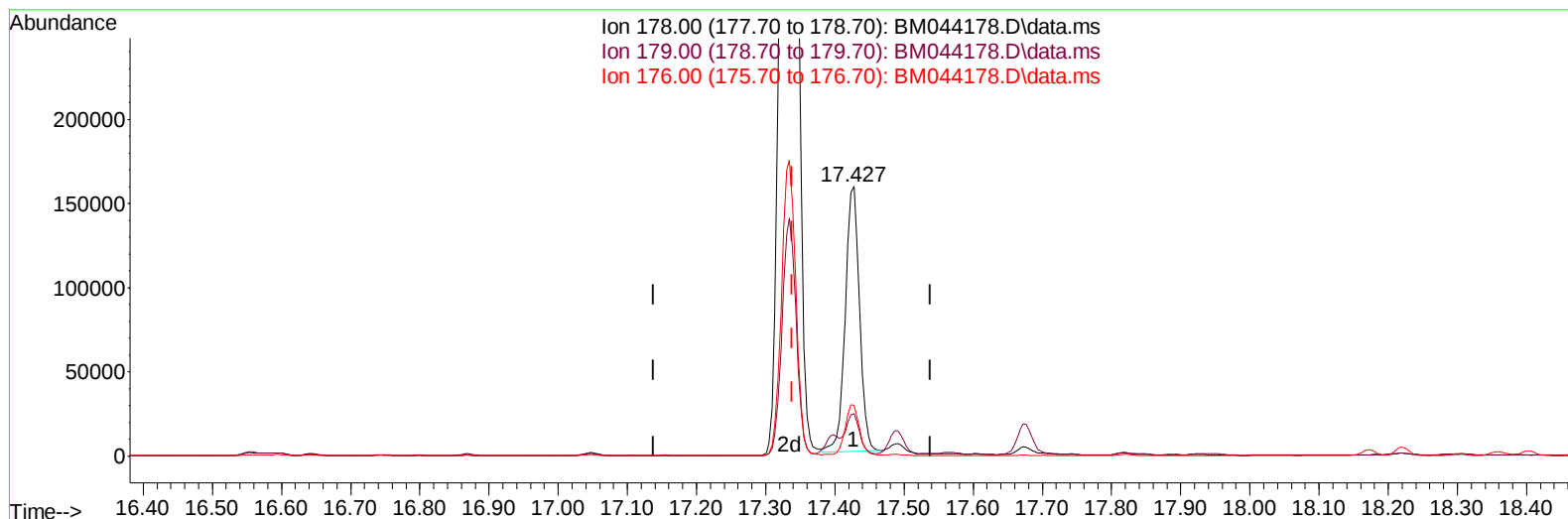
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(15) Phenanthrene

17.427min (+ 0.089) 3.55 ng/u1

response 225623

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.62
176.00	20.00	18.78
0.00	0.00	0.00

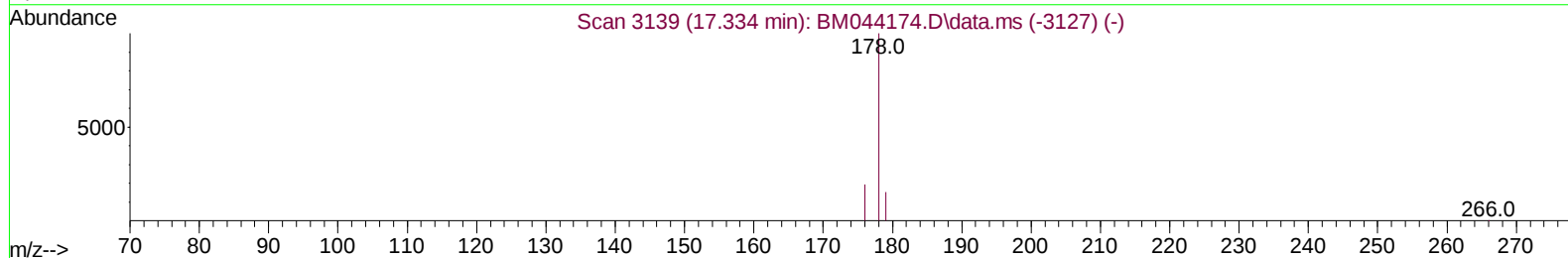
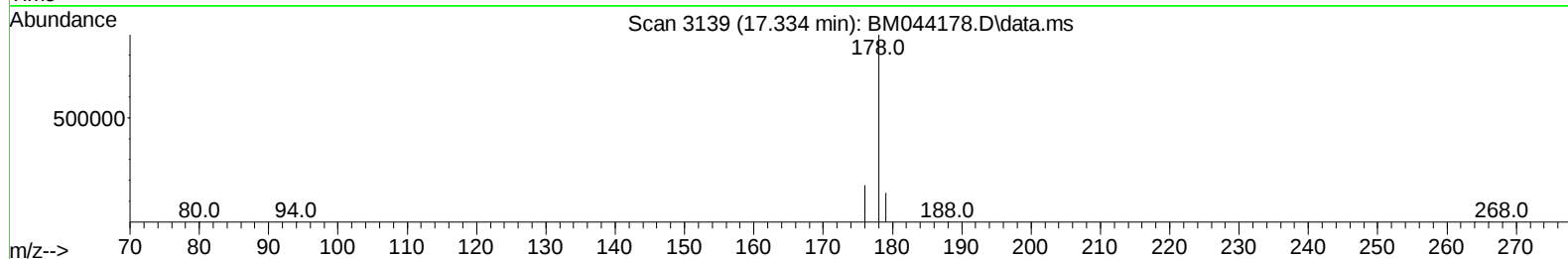
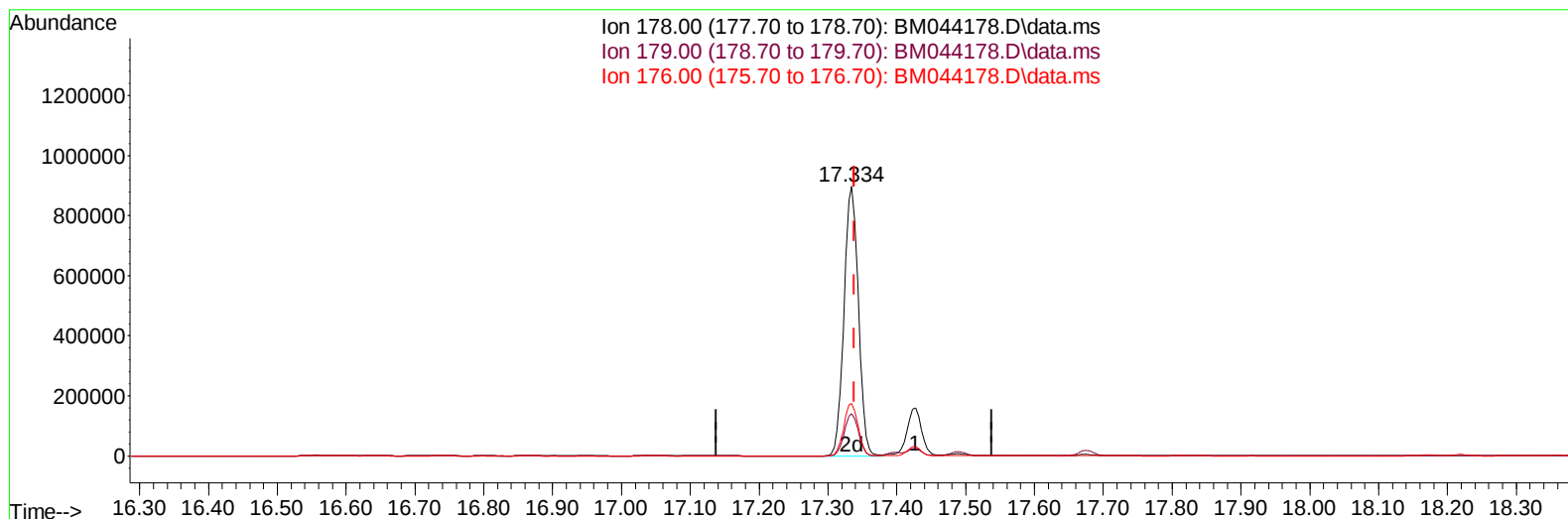
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(15) Phenanthrene

17.334min (-0.004) 20.36 ng/ul m

response 1295143

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.74
176.00	20.00	19.57
0.00	0.00	0.00

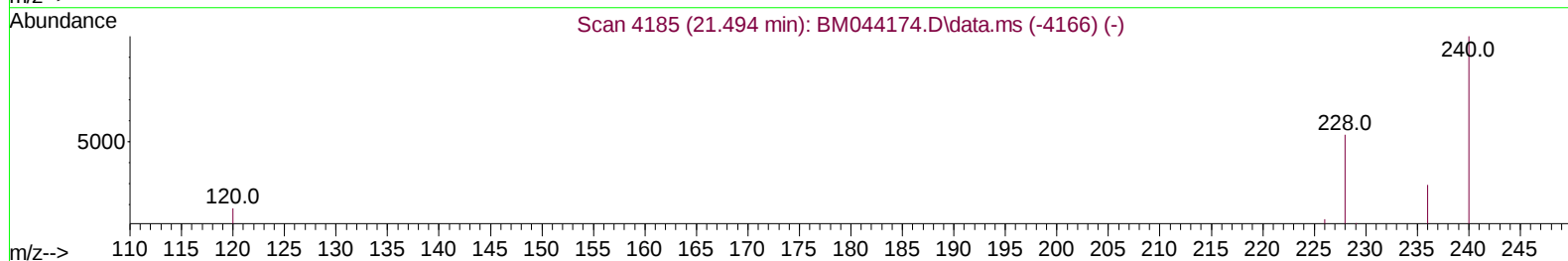
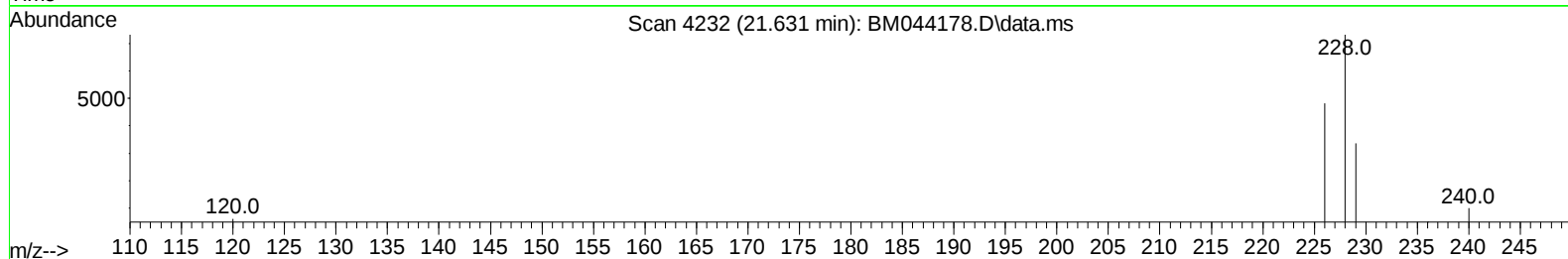
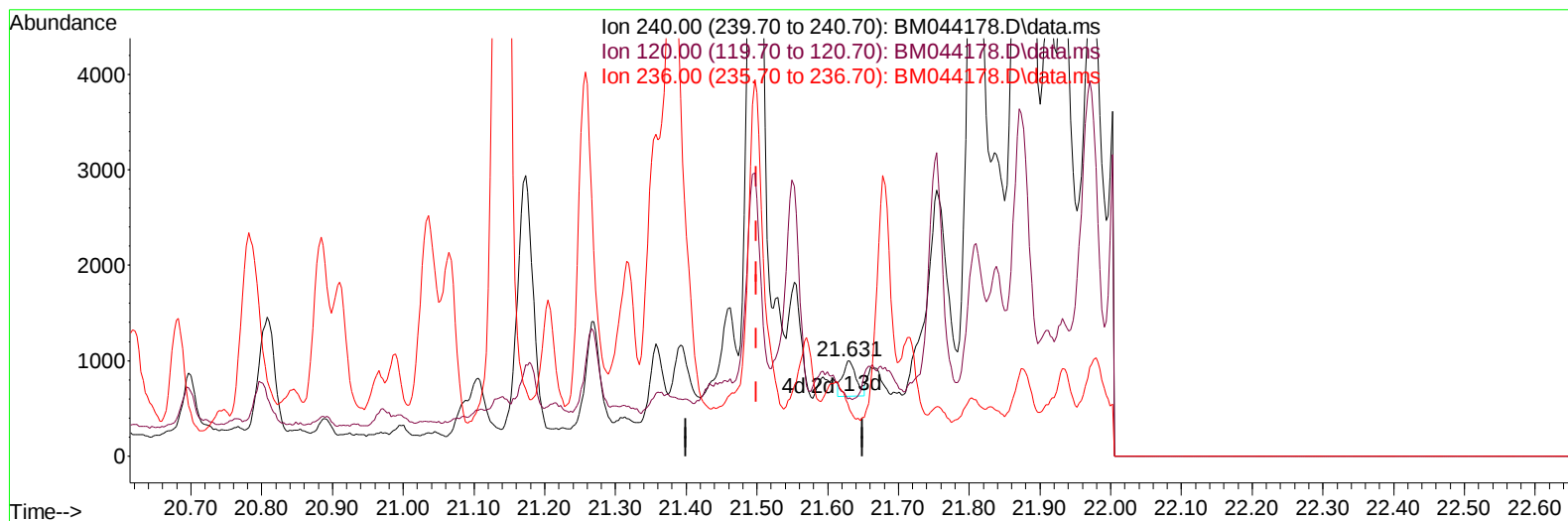
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(17) Chrysene-d12

21.631min (+ 0.132) 0.40 ng/u1

response 494

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	60.90#
236.00	30.60	48.40#
0.00	0.00	0.00

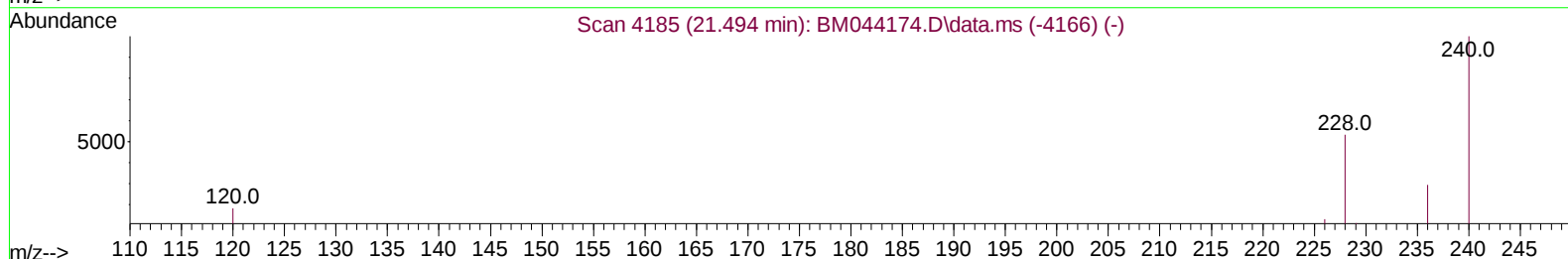
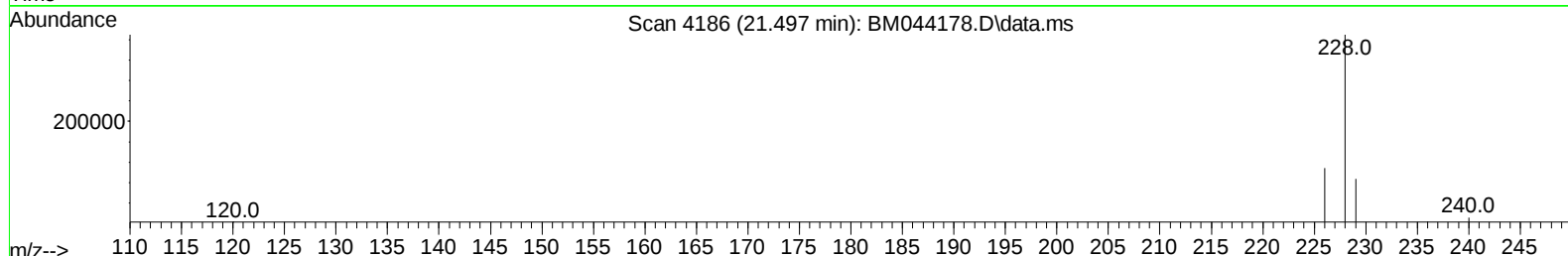
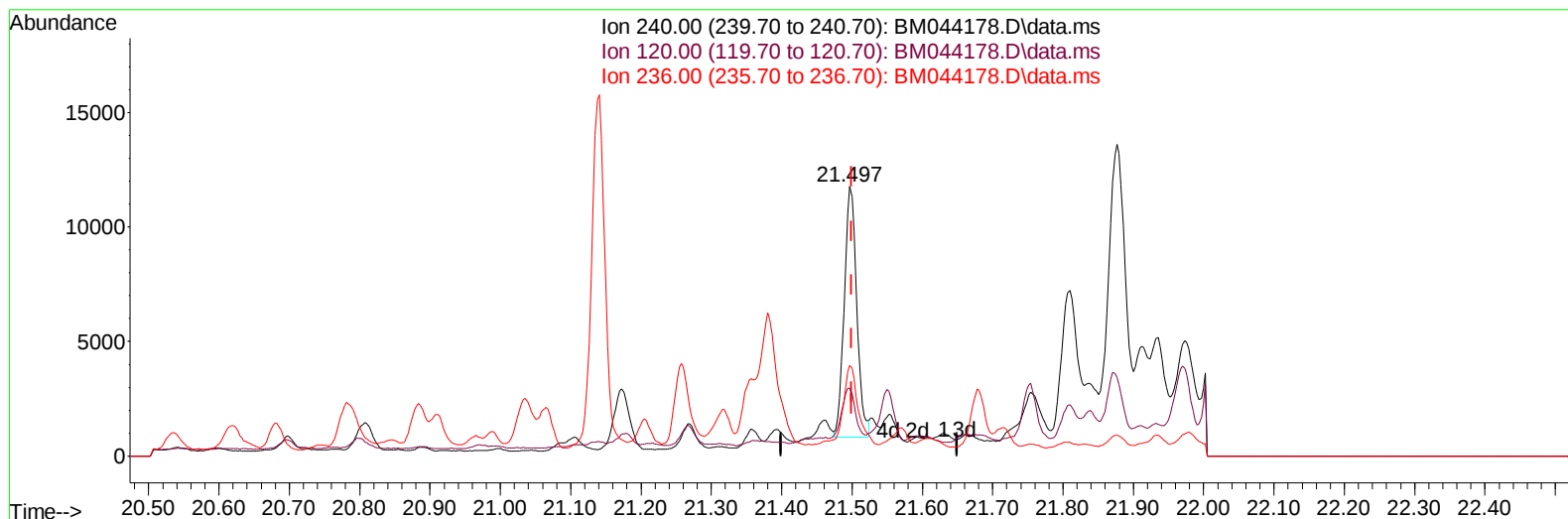
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(17) Chrysene-d12

21.497min (-0.003) 0.40 ng/u1 m

response 13497

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	25.23#
236.00	30.60	33.52
0.00	0.00	0.00

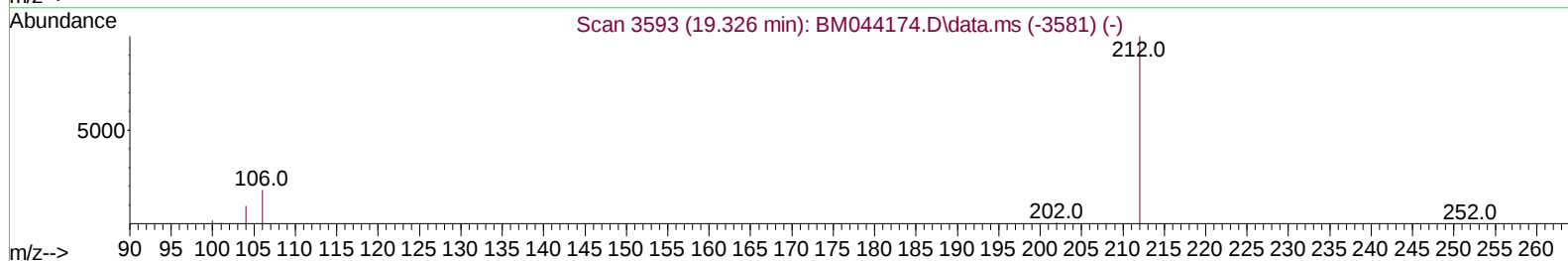
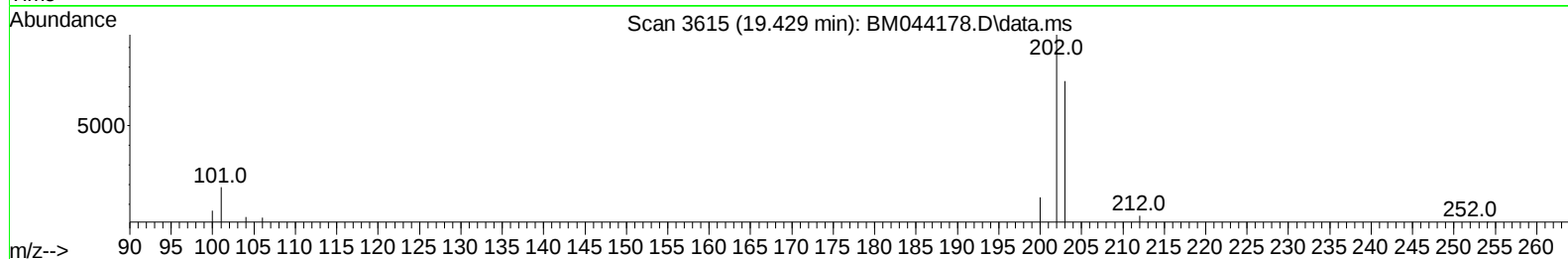
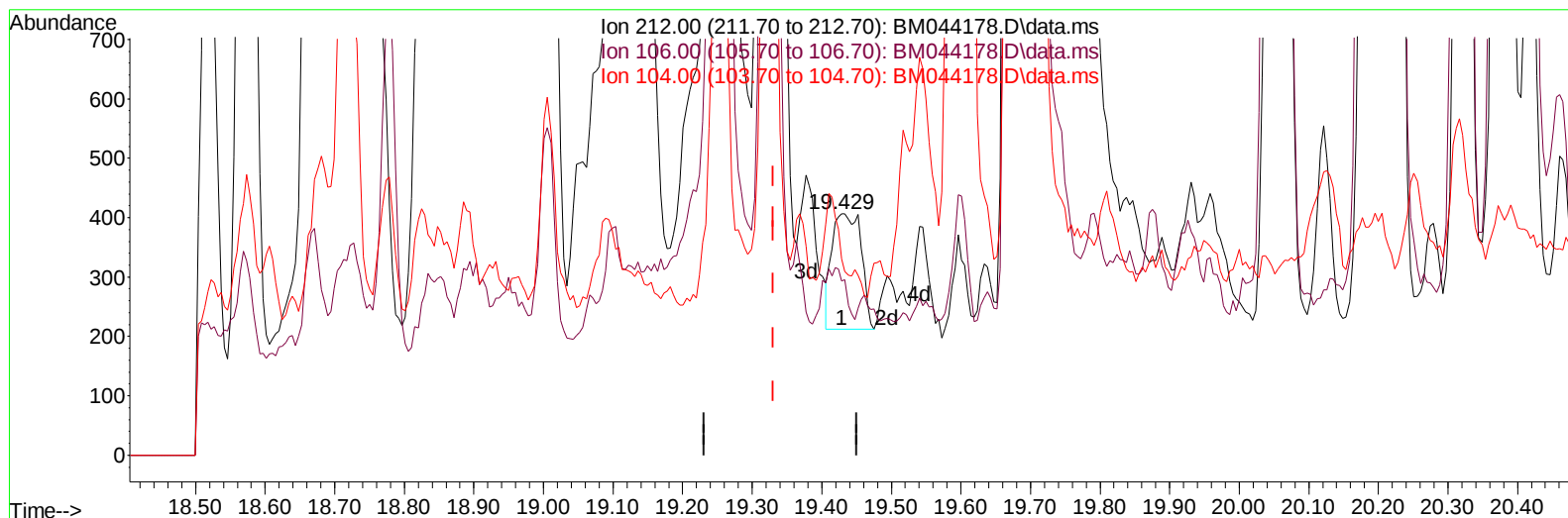
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.429min (+ 0.098) 0.01 ng/u1

response 565

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	36.81#
104.00	10.10	55.58#
0.00	0.00	0.00

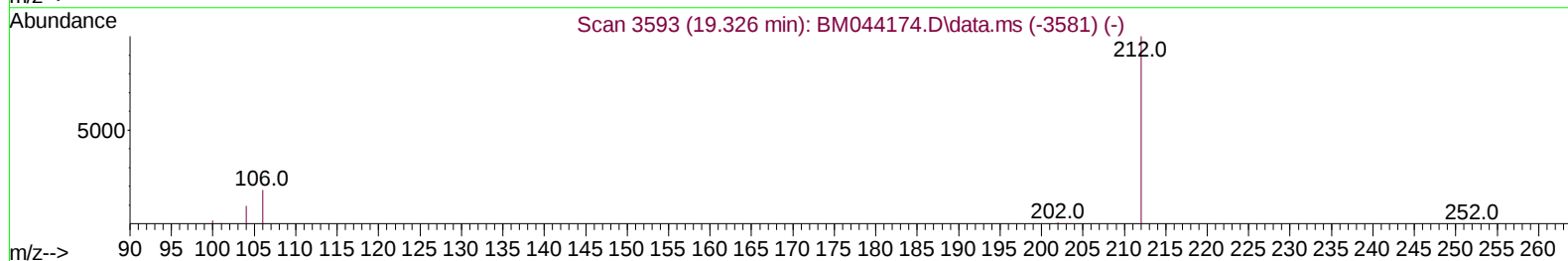
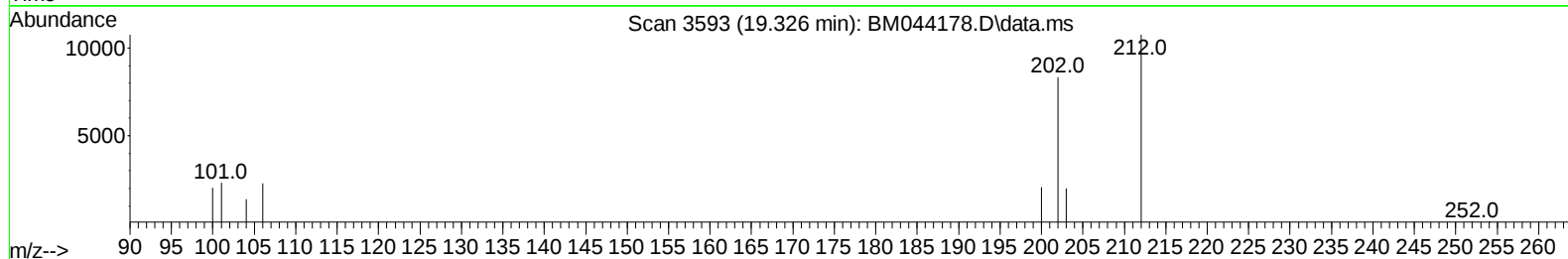
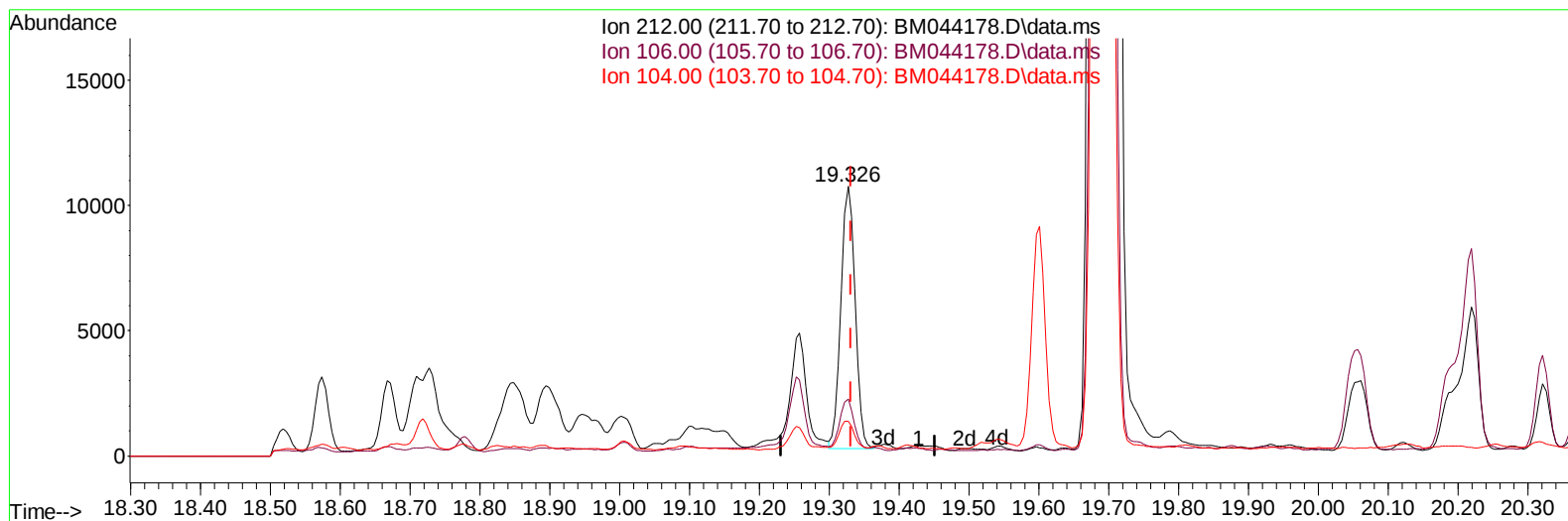
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.326min (-0.004) 0.36 ng/u1 m

response 14650

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	1.42#
104.00	10.10	2.14#
0.00	0.00	0.00

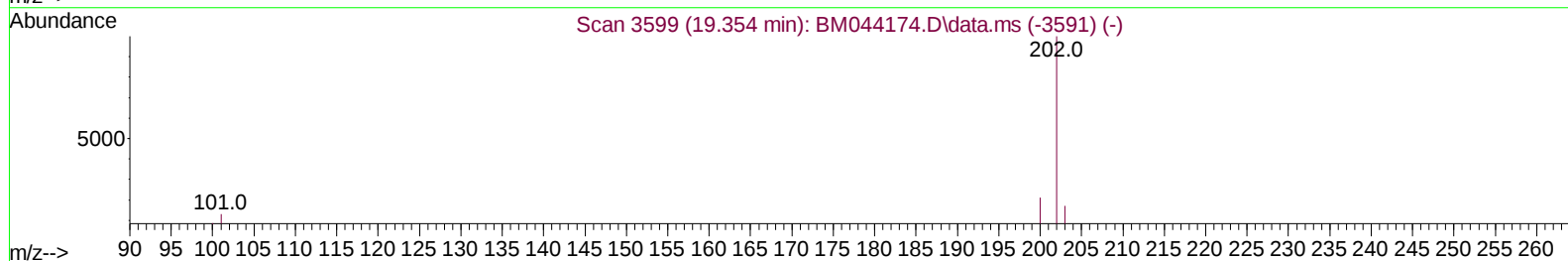
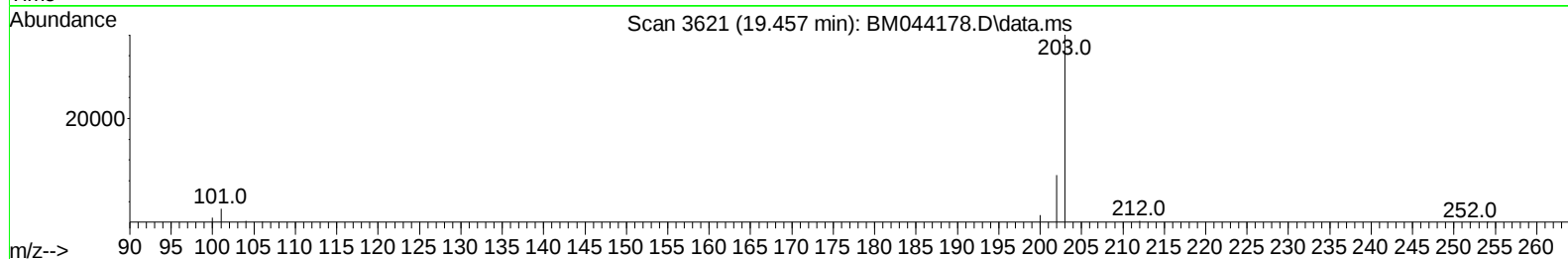
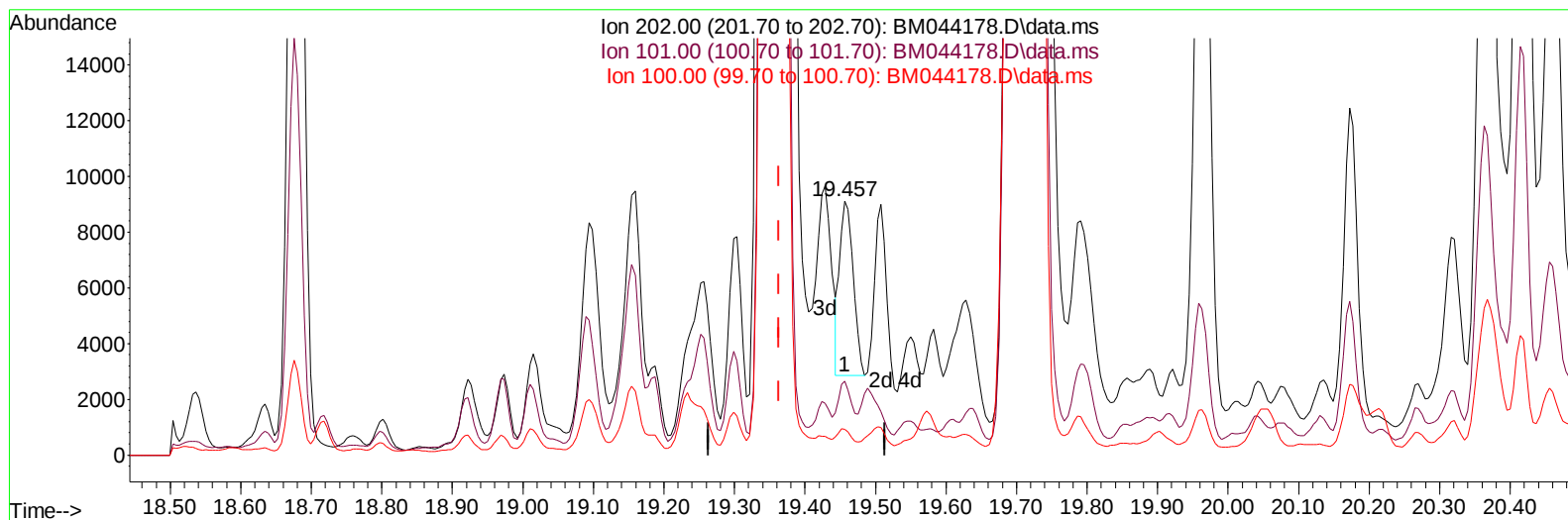
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(19) Fluoranthene (C)

19.457min (+ 0.093) 0.14 ng/u1

response 8408

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	29.01#
100.00	8.70	10.11
0.00	0.00	0.00

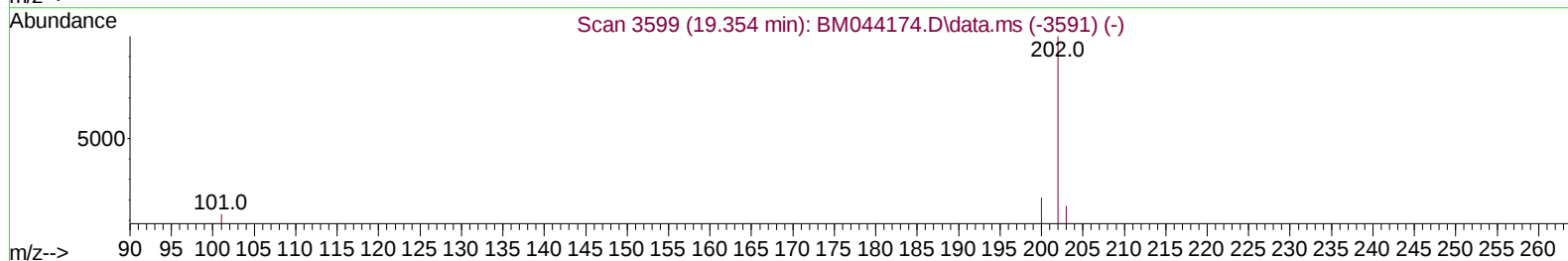
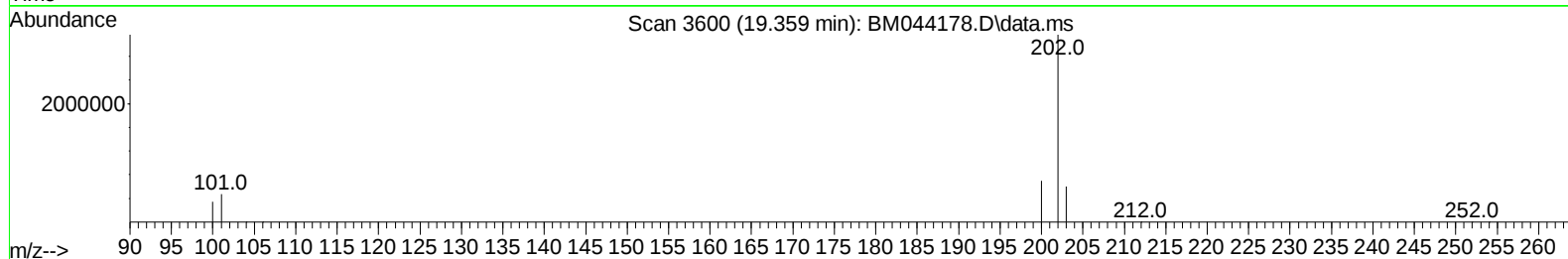
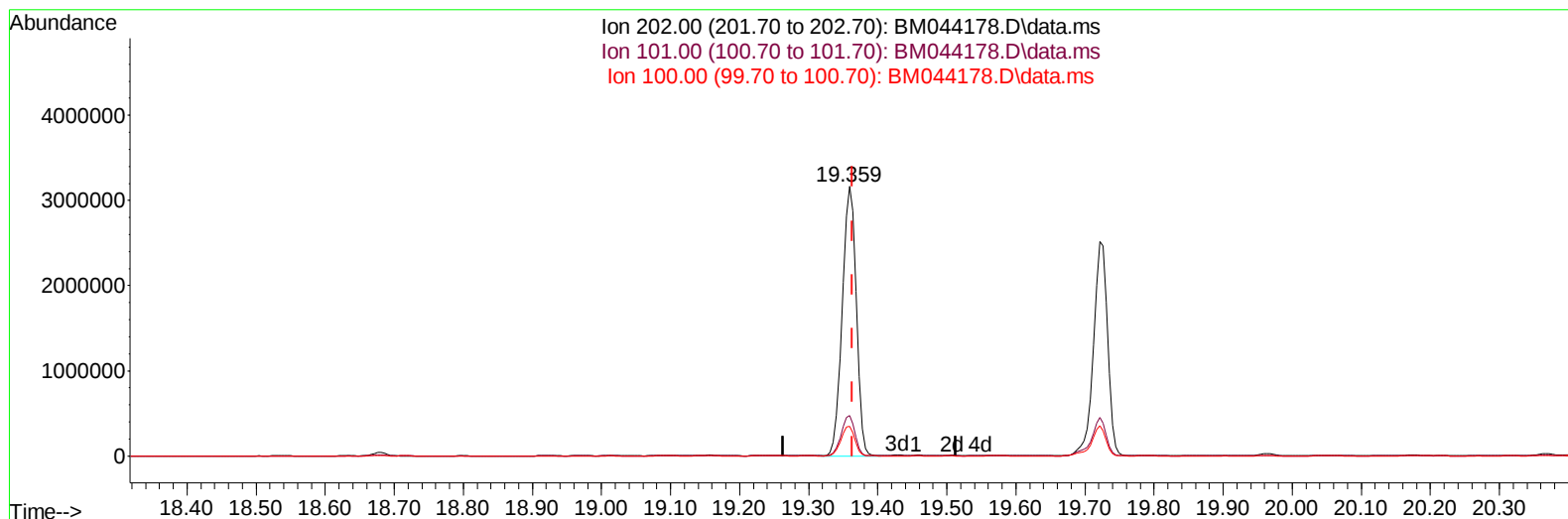
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(19) Fluoranthene (C)

19.359min (-0.004) 72.73 ng/ul m

response 4475286

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	14.89#
100.00	8.70	10.89#
0.00	0.00	0.00

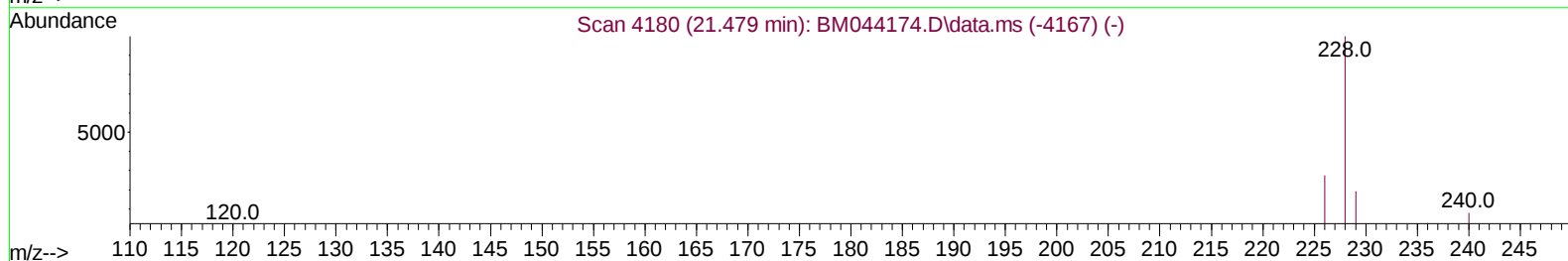
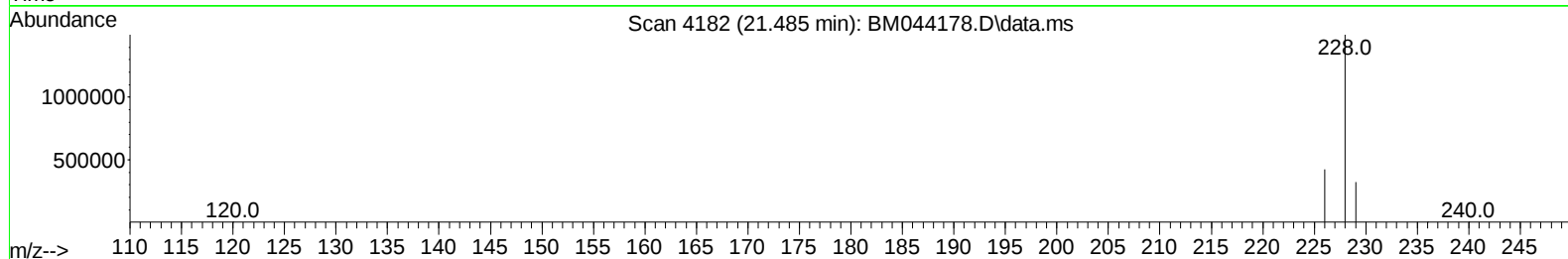
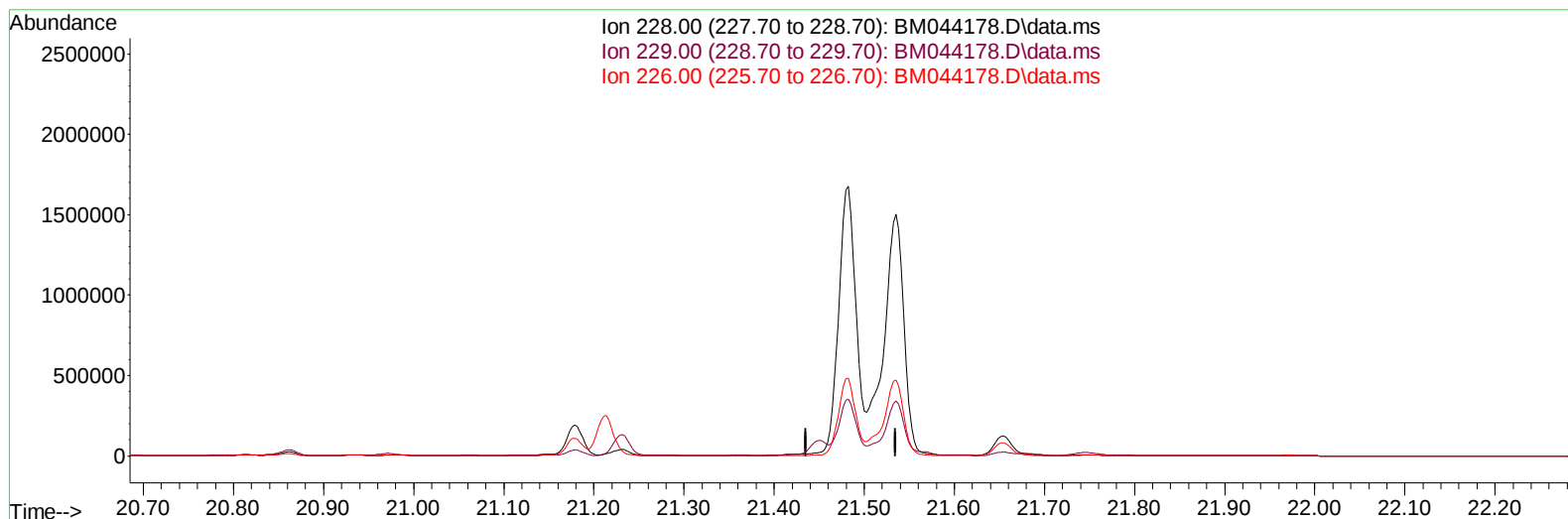
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(21) Benzo(a)anthracene

21.485min (-21.485) 0.00 ng/u1

response 0

Ion	Exp%	Act%
228.00	100.00	0.00
229.00	19.30	0.00#
226.00	27.60	0.00#
0.00	0.00	0.00

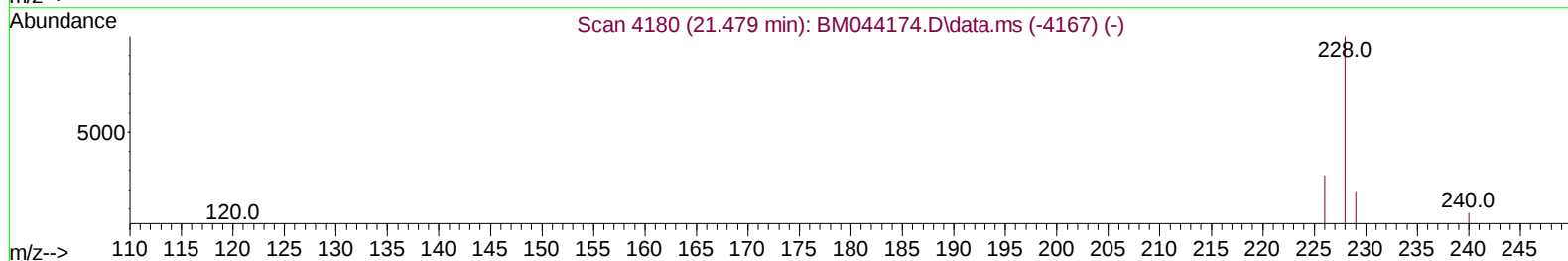
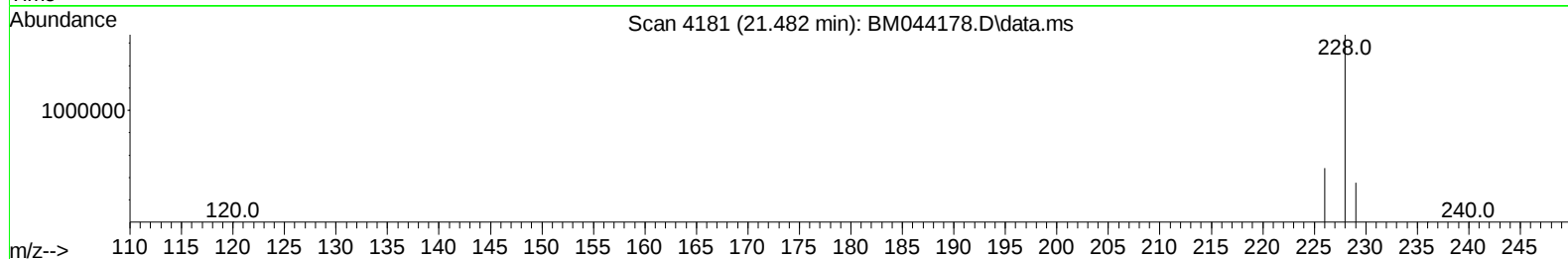
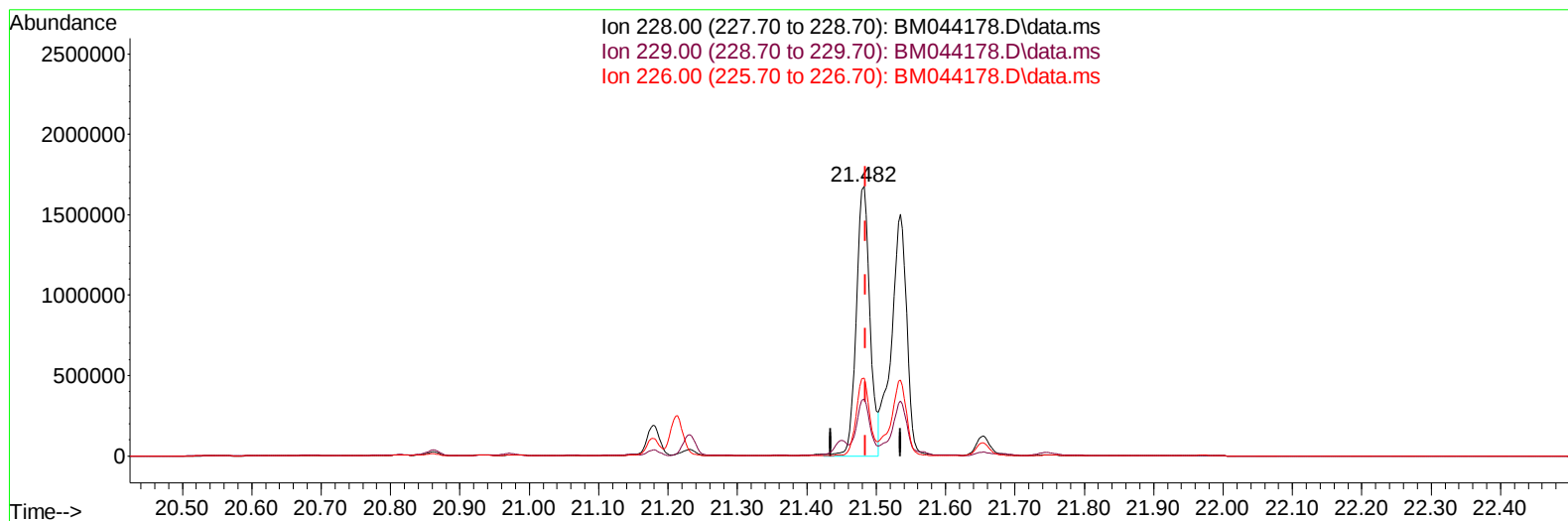
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(21) Benzo(a)anthracene

21.482min (-0.003) 37.16 ng/u1 m

response 2296781

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	21.15
226.00	27.60	28.85
0.00	0.00	0.00

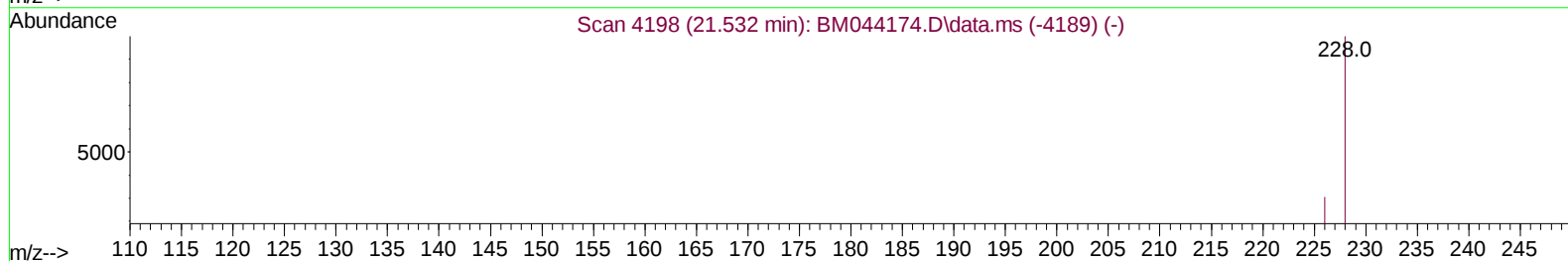
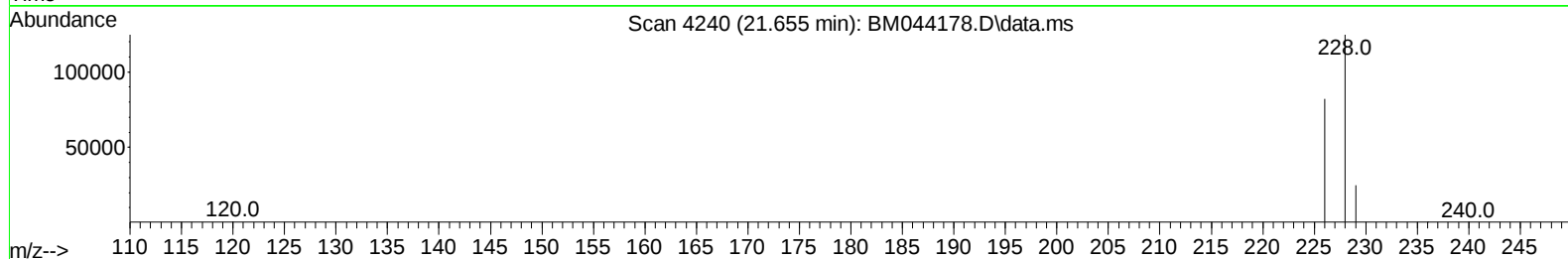
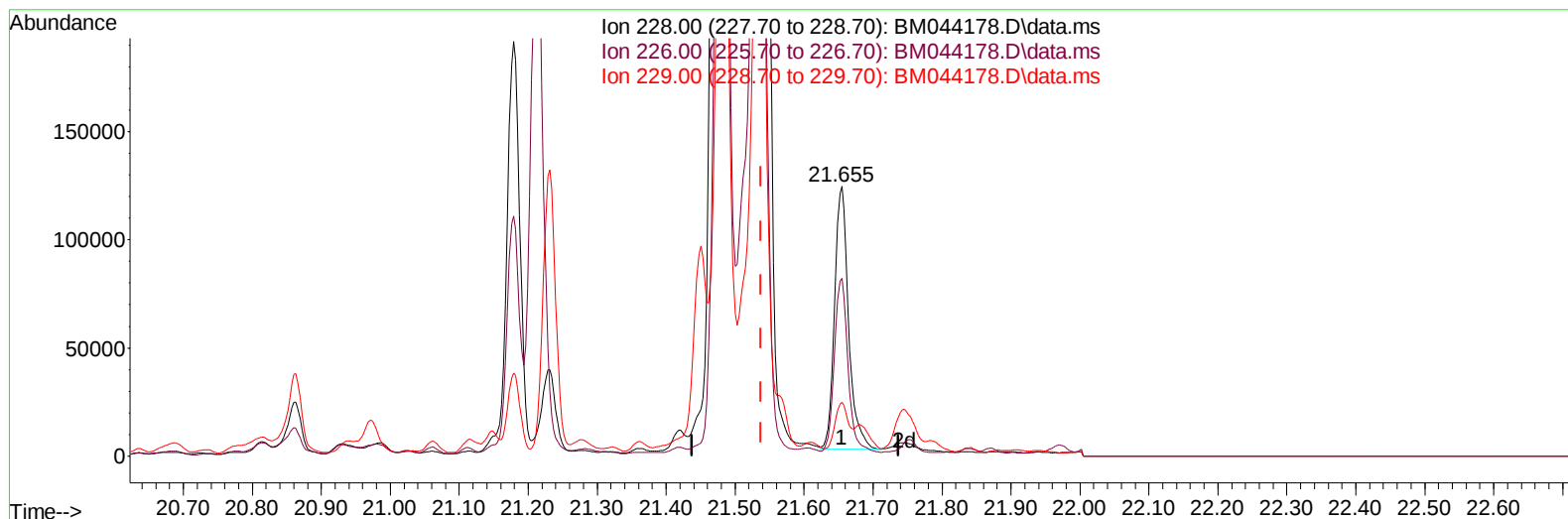
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(22) Chrysene

21.655min (+ 0.117) 2.58 ng/u1

response 171781

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	65.95#
229.00	19.70	19.84
0.00	0.00	0.00

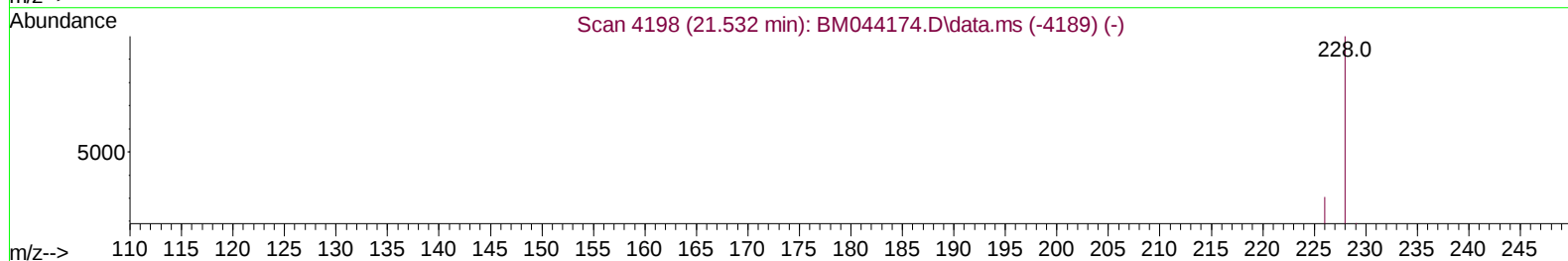
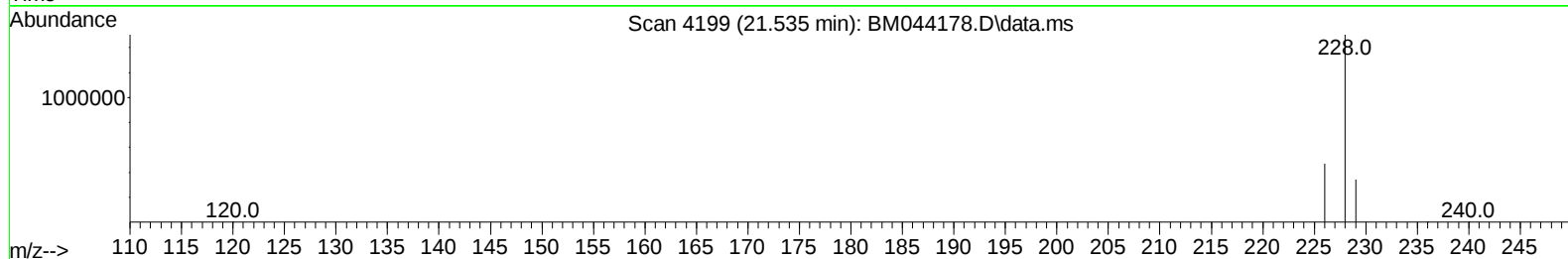
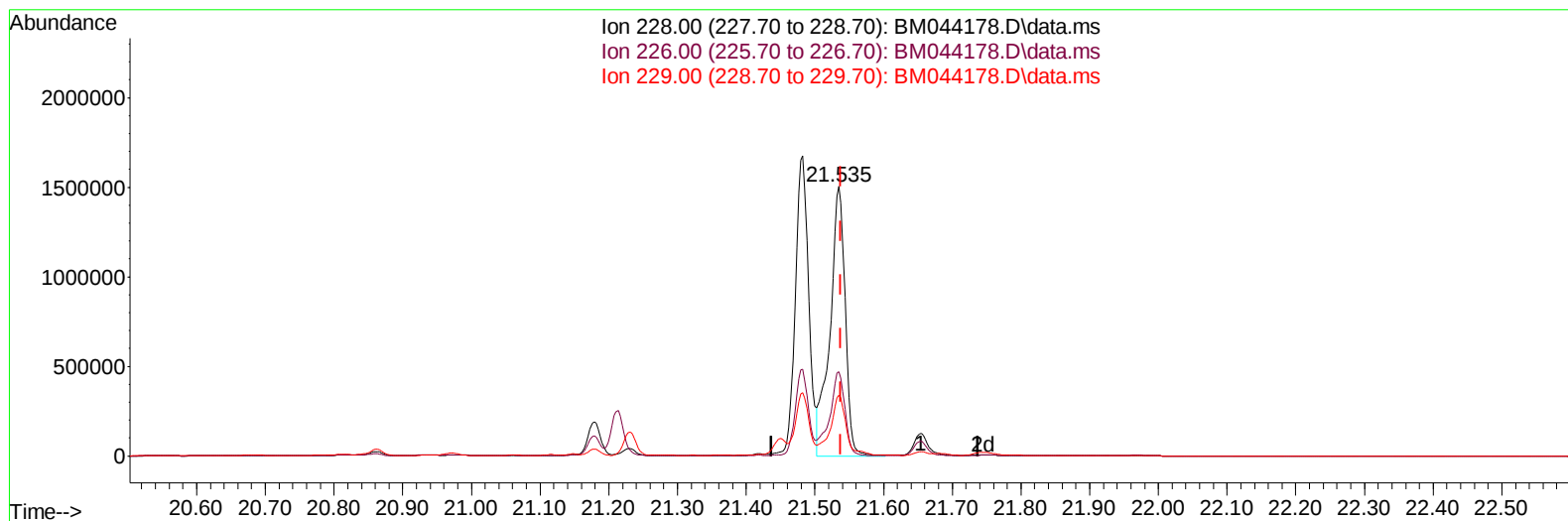
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(22) Chrysene

21.535min (-0.003) 35.09 ng/u1 m

response 2338806

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	31.36
229.00	19.70	22.63
0.00	0.00	0.00

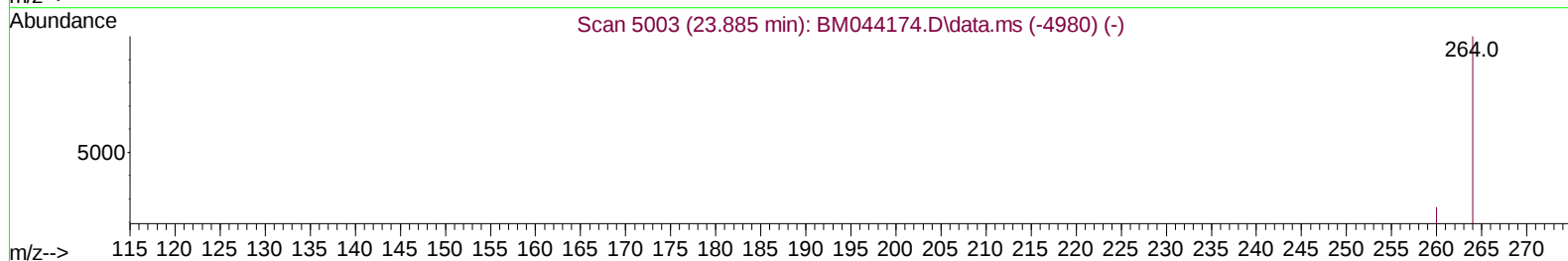
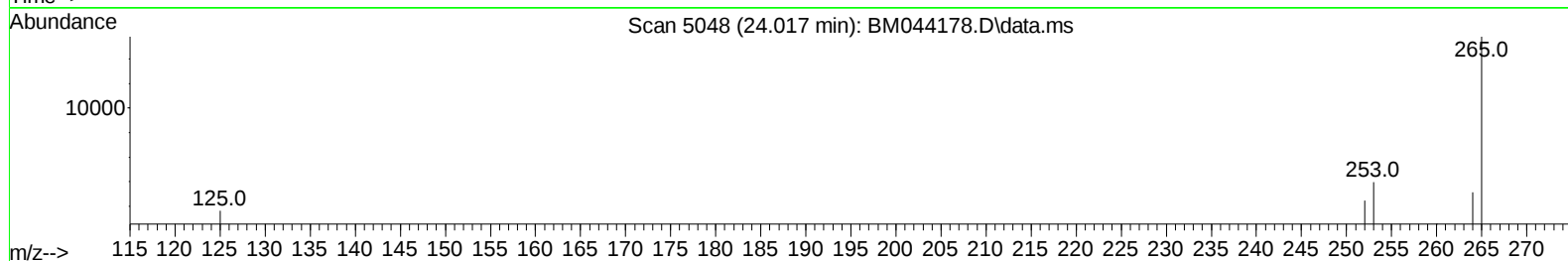
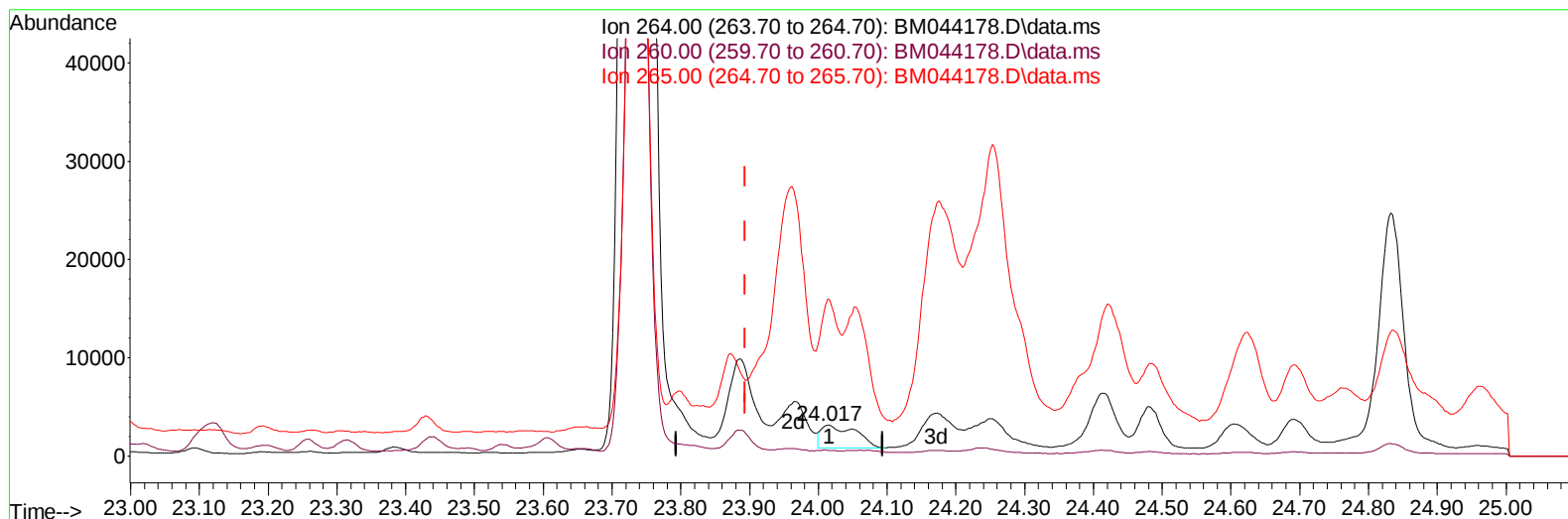
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(23) Perylene-d12 (I)

24.017min (+ 0.123) 0.40 ng/u1

response 8166

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	18.03#
265.00	45.40	504.09#
0.00	0.00	0.00

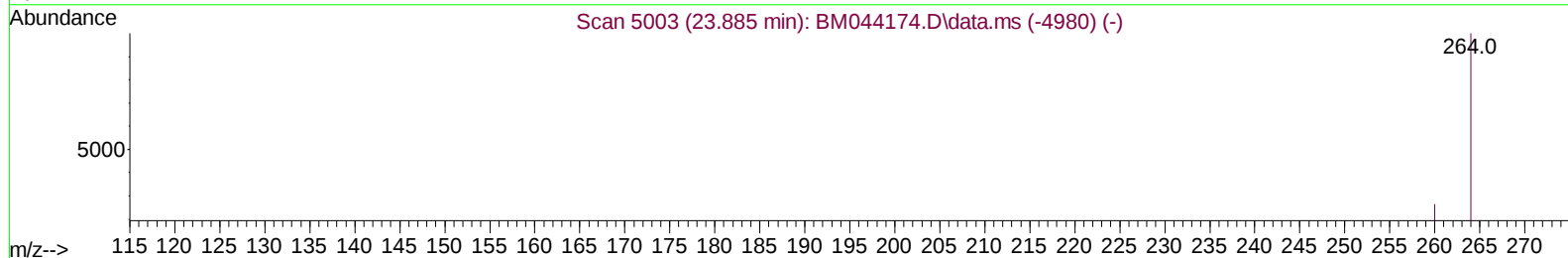
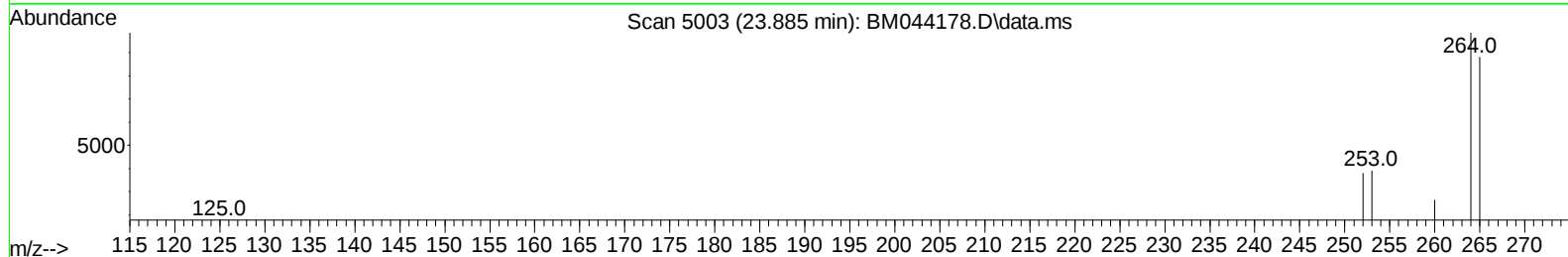
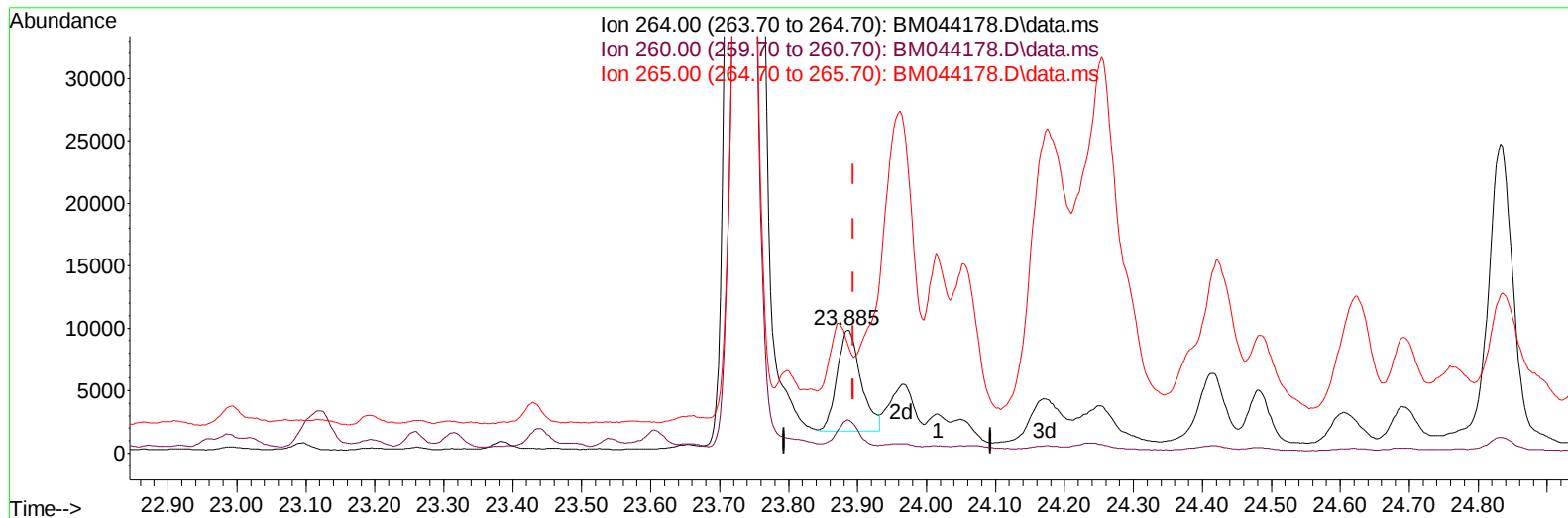
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(23) Perylene-d12 (I)

23.885min (-0.009) 0.40 ng/ul m

response 19685

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	26.96
265.00	45.40	89.52#
0.00	0.00	0.00

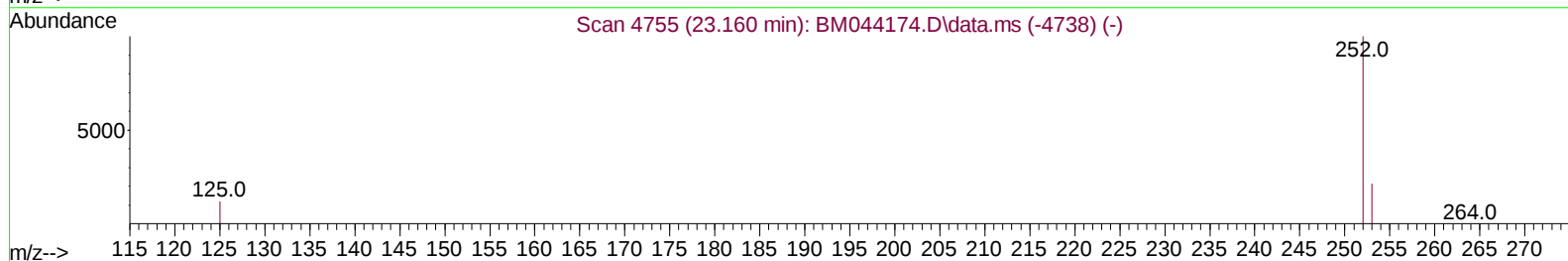
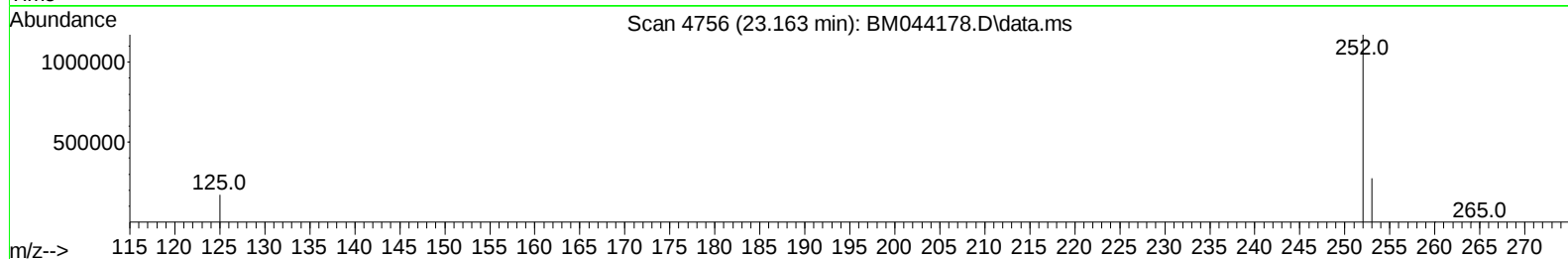
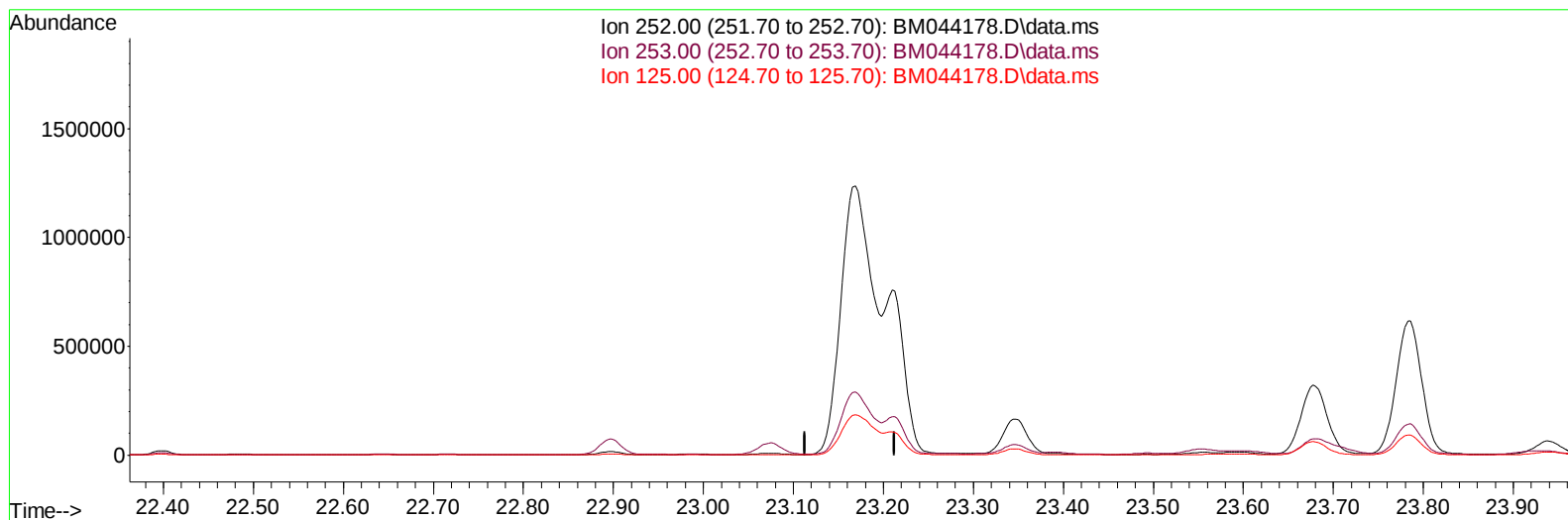
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(24) Benzo(b)fluoranthene

23.163min (-23.163) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.00	0.00
125.00	14.10	0.00
0.00	0.00	0.00

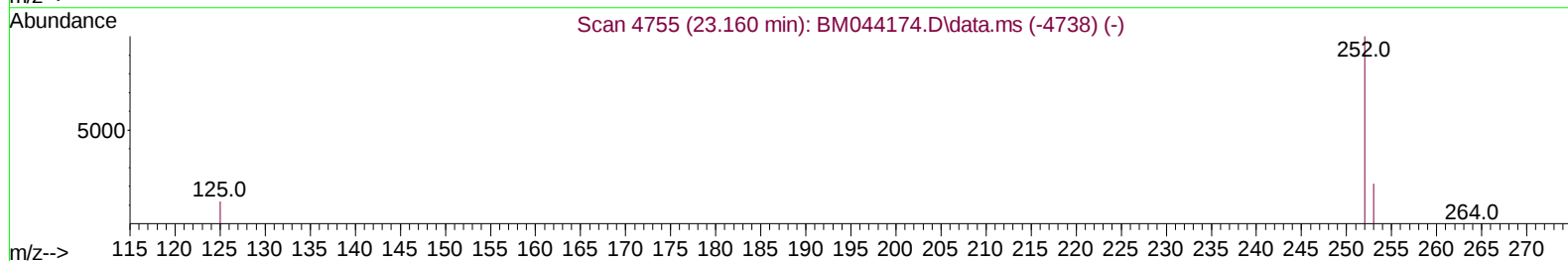
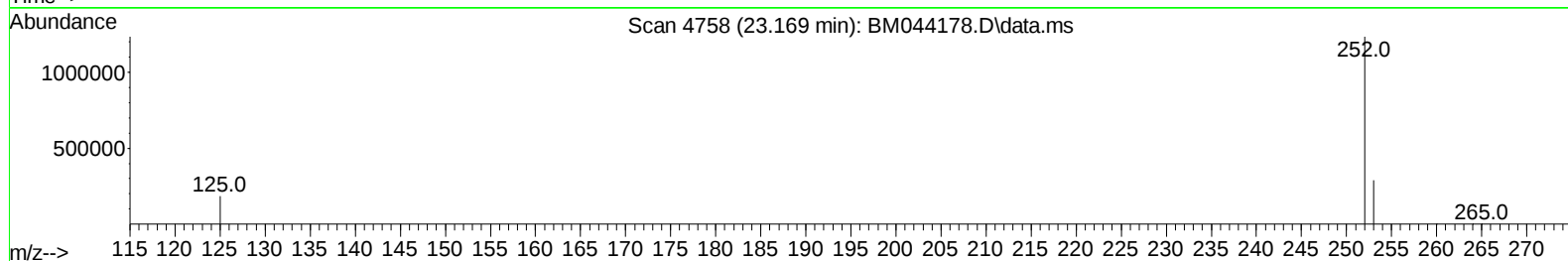
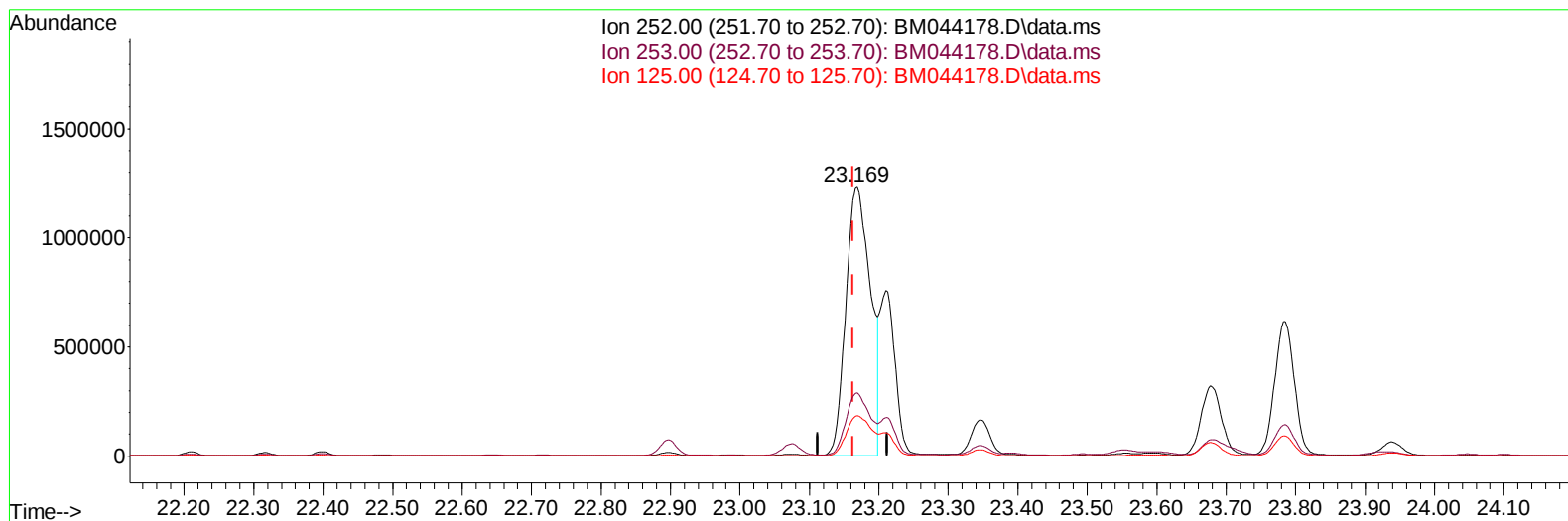
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(24) Benzo(b)fluoranthene

23.169min (+ 0.006) 37.20 ng/ul m

response 3022130

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	23.50
125.00	14.10	14.90
0.00	0.00	0.00

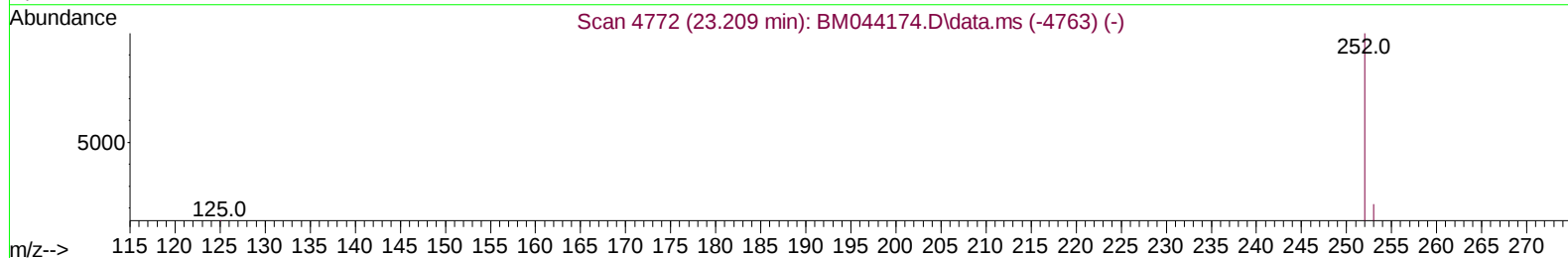
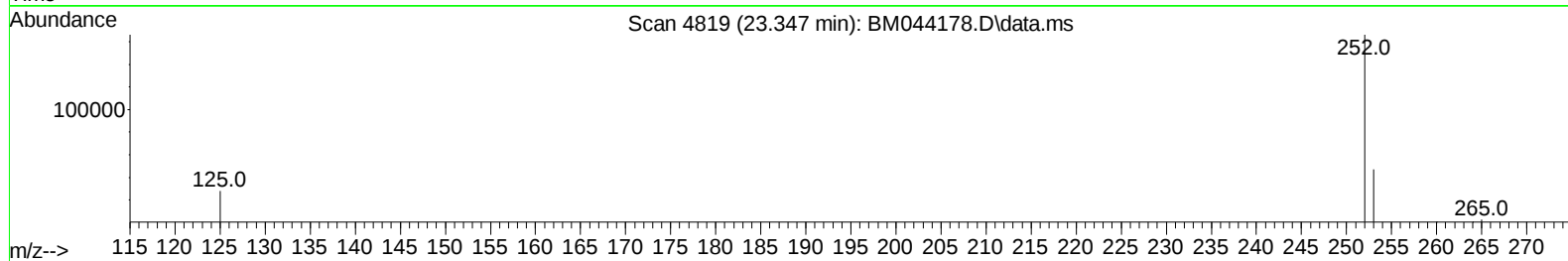
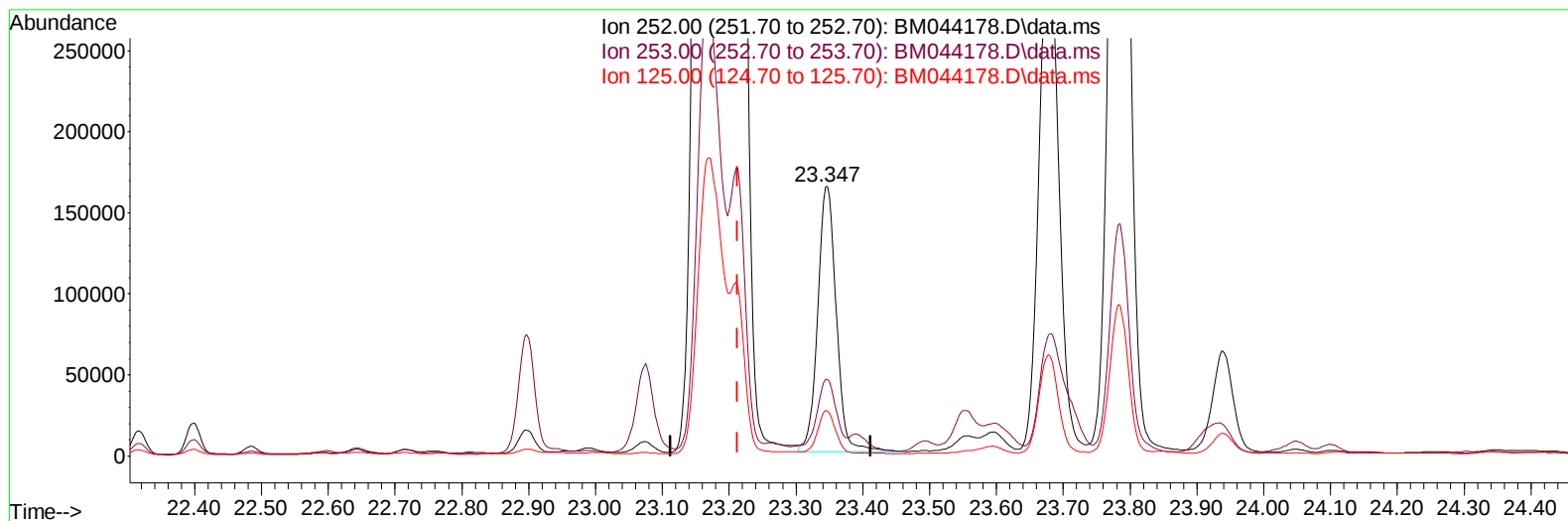
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(25) Benzo(k)fluoranthene

23.347min (+ 0.135) 3.60 ng/u1

response 317662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.46
125.00	15.40	16.71
0.00	0.00	0.00

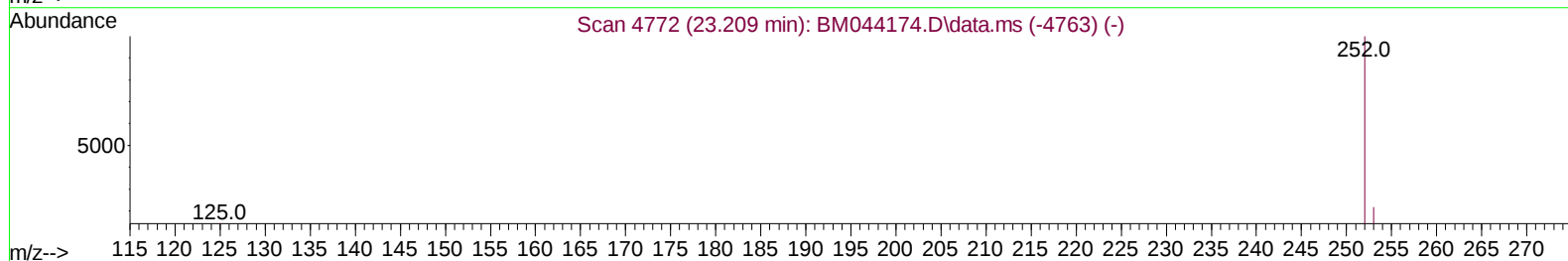
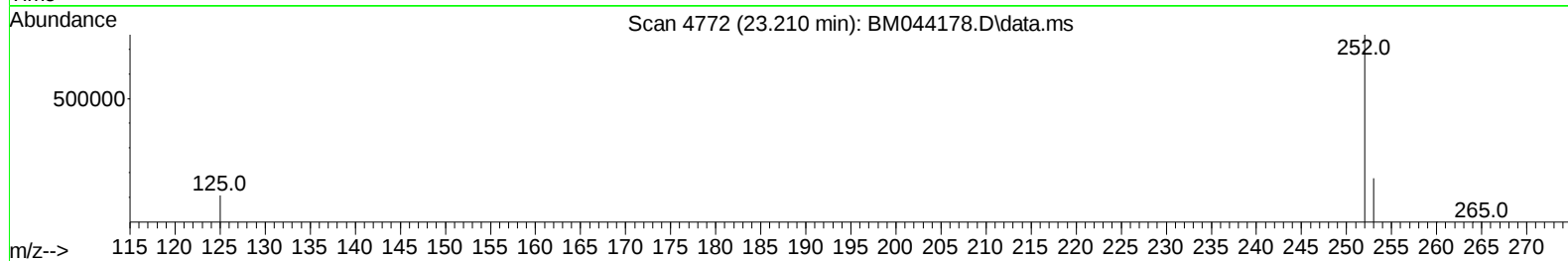
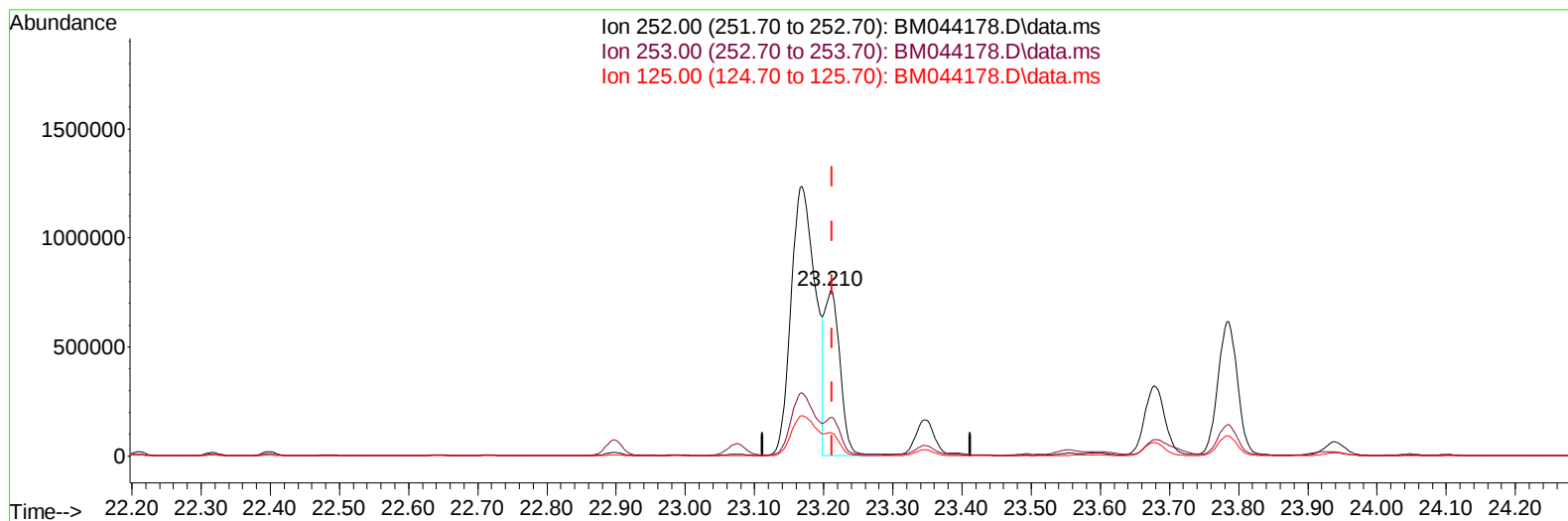
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(25) Benzo(k)fluoranthene

23.210min (-0.003) 13.28 ng/ul m

response 1170718

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.42
125.00	15.40	14.13
0.00	0.00	0.00

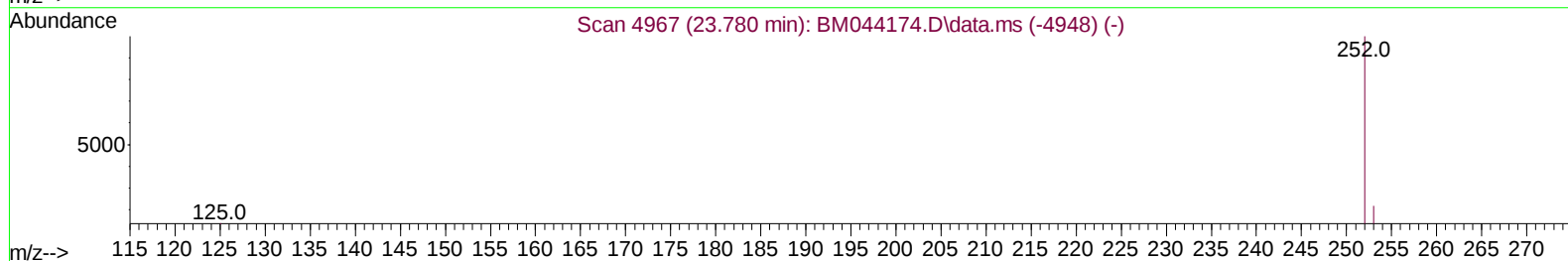
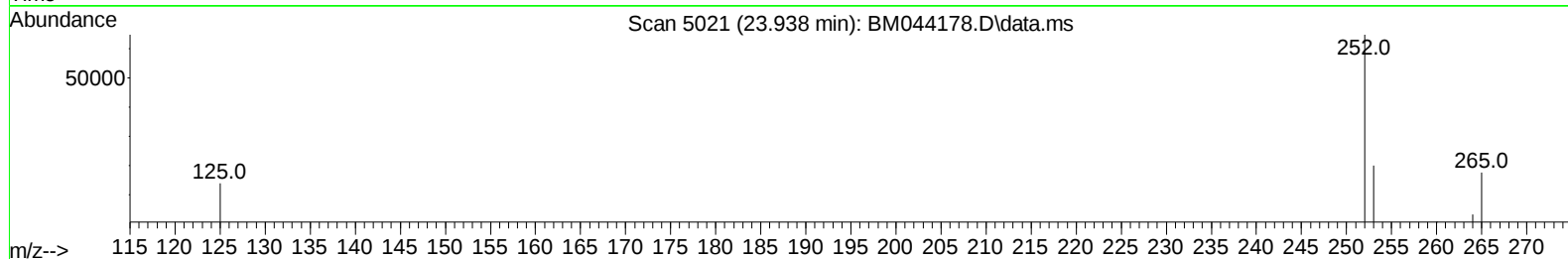
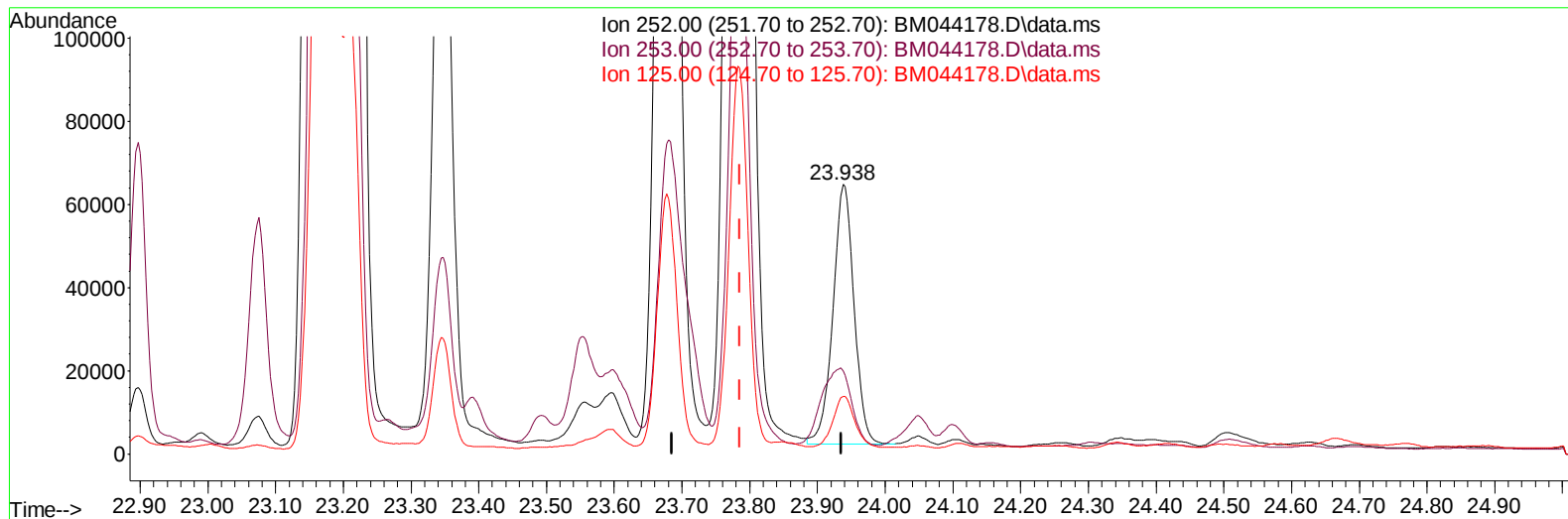
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(26) Benzo(a)pyrene (C)

23.938min (+ 0.152) 1.78 ng/u1

response 134226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	30.86
125.00	16.60	21.47#
0.00	0.00	0.00

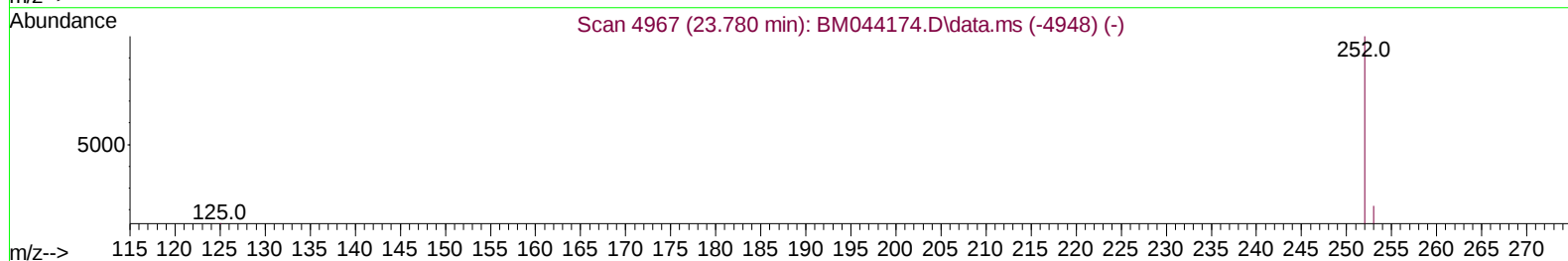
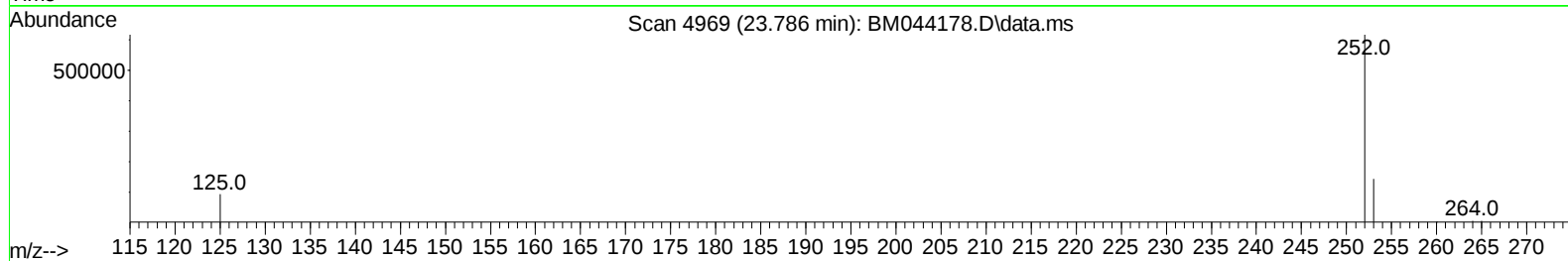
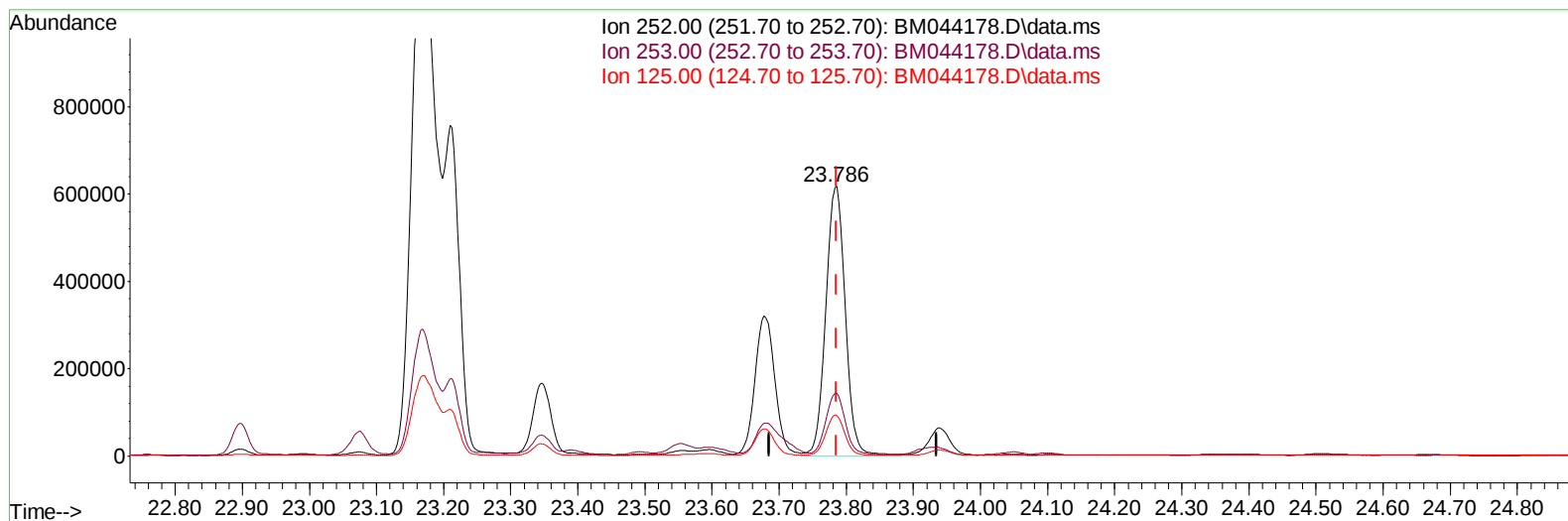
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(26) Benzo(a)pyrene (C)

23.786min (+ 0.000) 16.57 ng/ul m

response 1251309

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	23.23
125.00	16.60	15.02
0.00	0.00	0.00

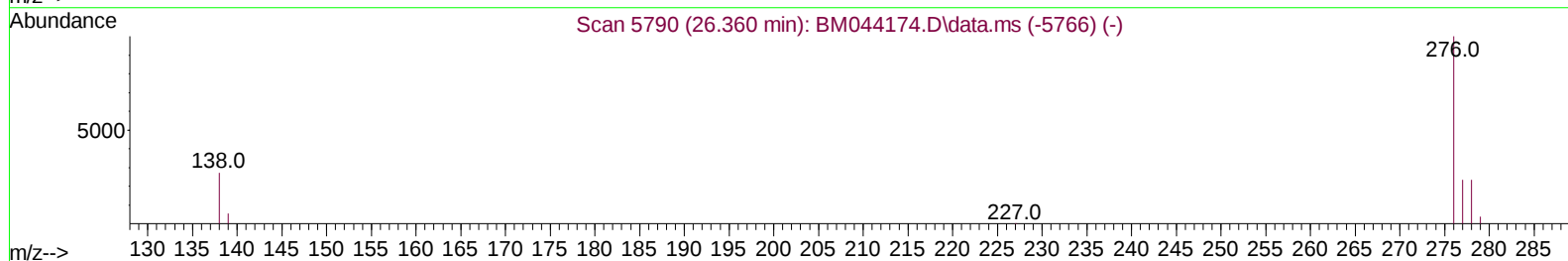
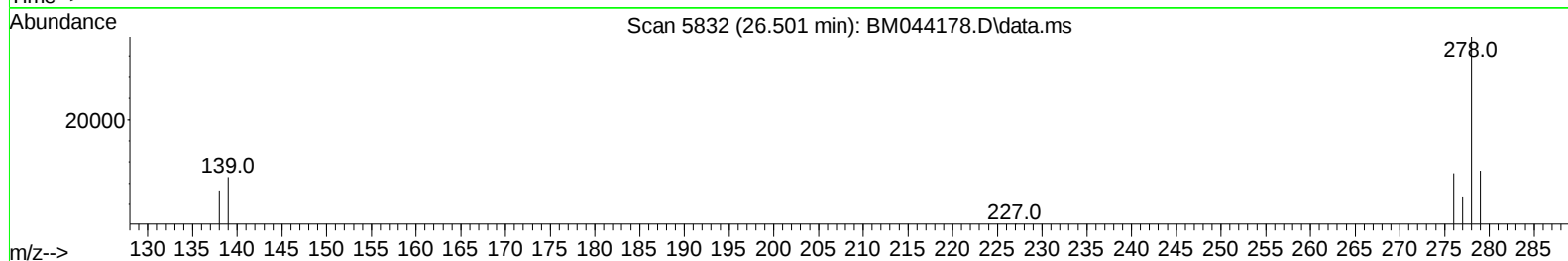
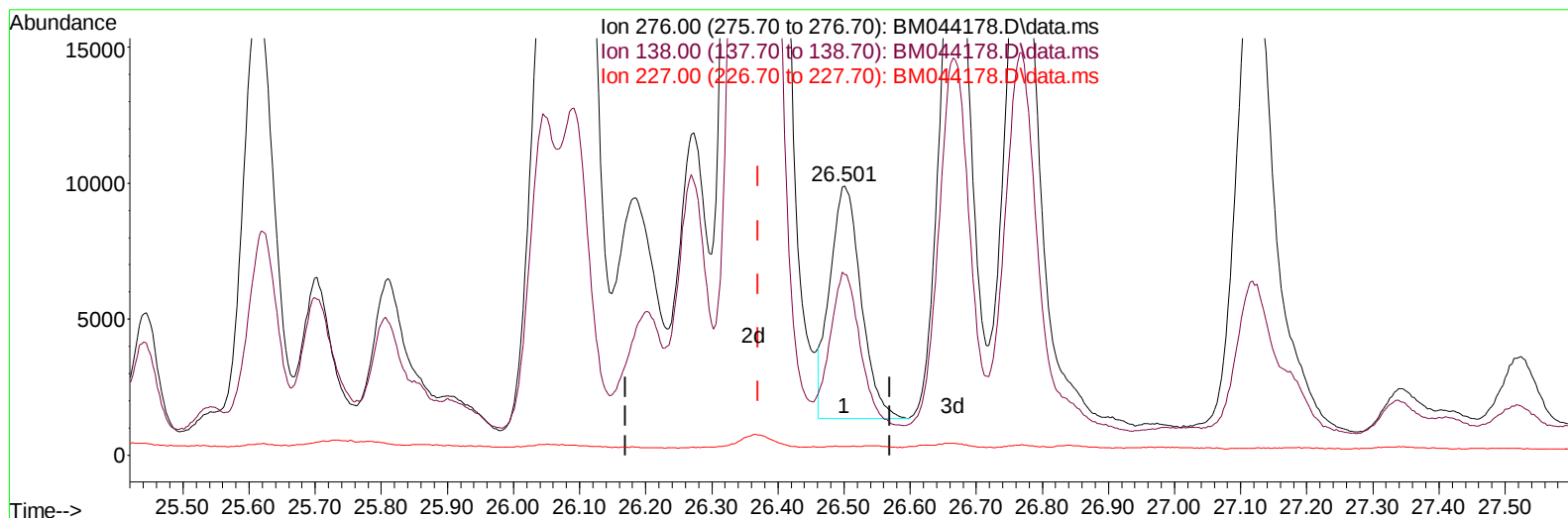
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

26.501min (+ 0.131) 0.29 ng/u1

response 28174

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	64.11#
227.00	0.10	0.27#
0.00	0.00	0.00

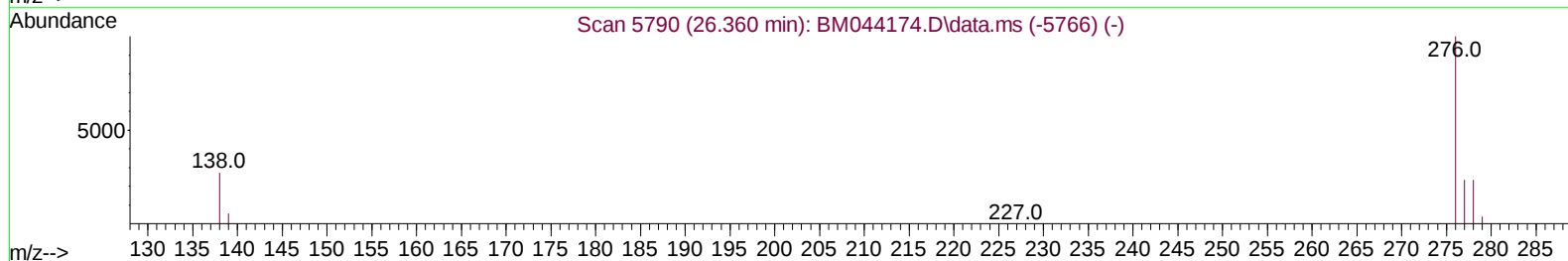
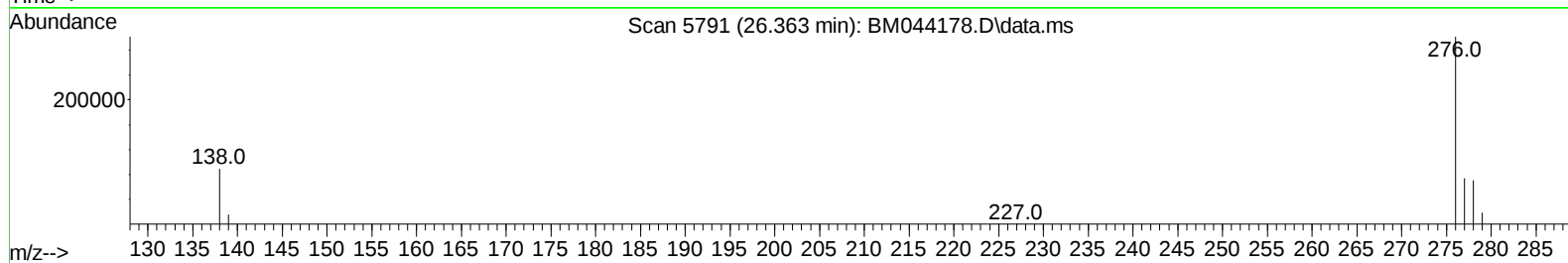
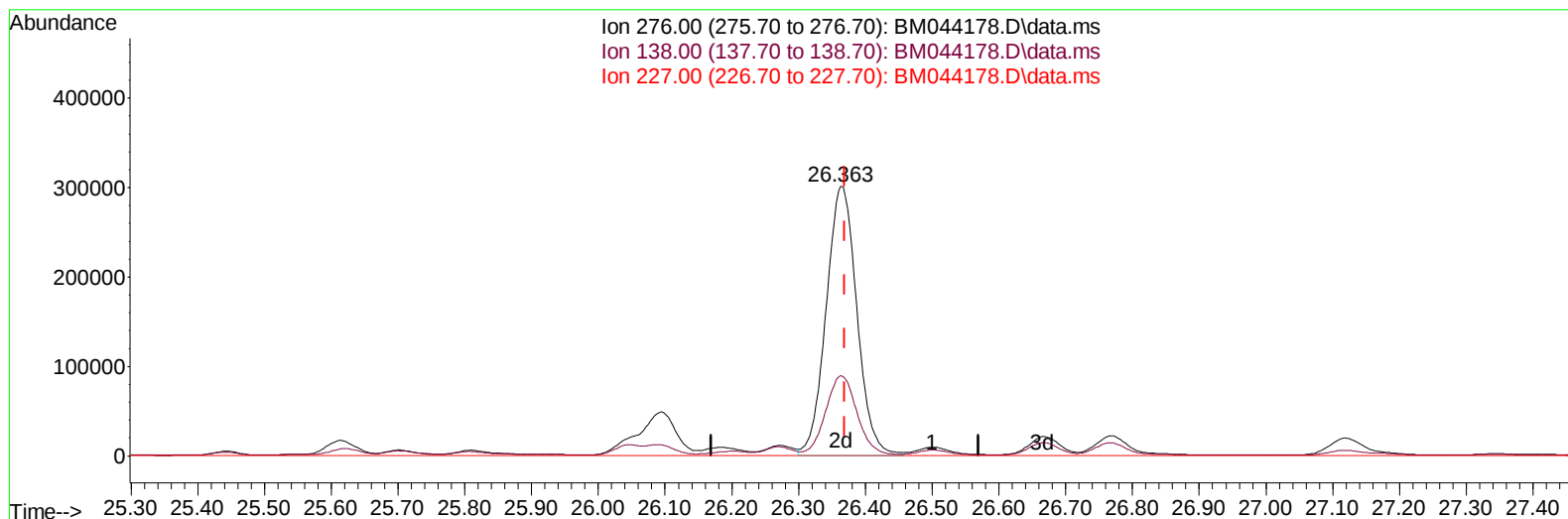
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

26.363min (-0.006) 9.99 ng/ul m

response 960143

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	1.88#
227.00	0.10	0.01#
0.00	0.00	0.00

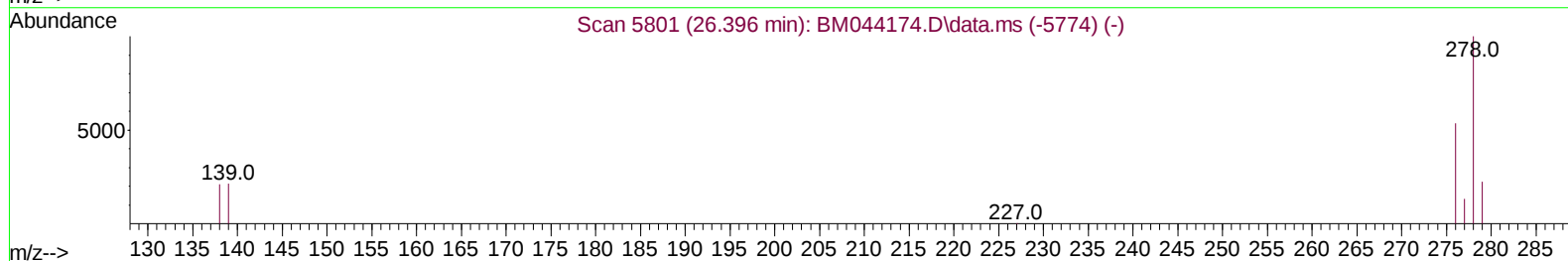
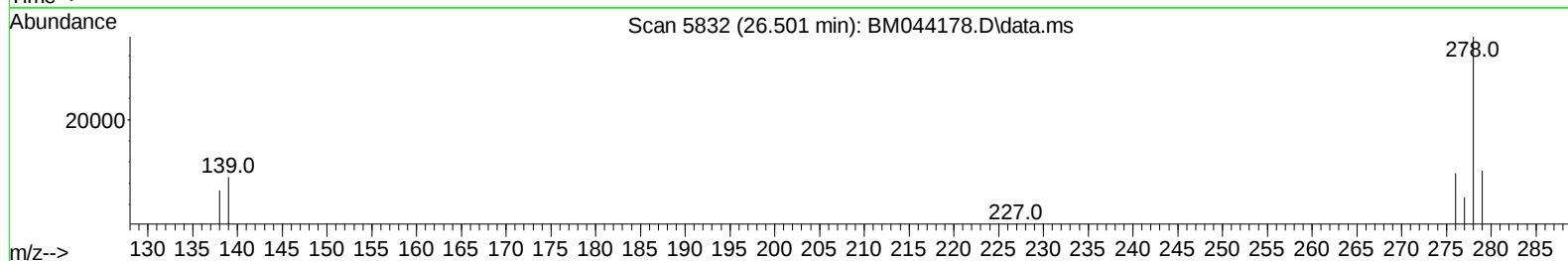
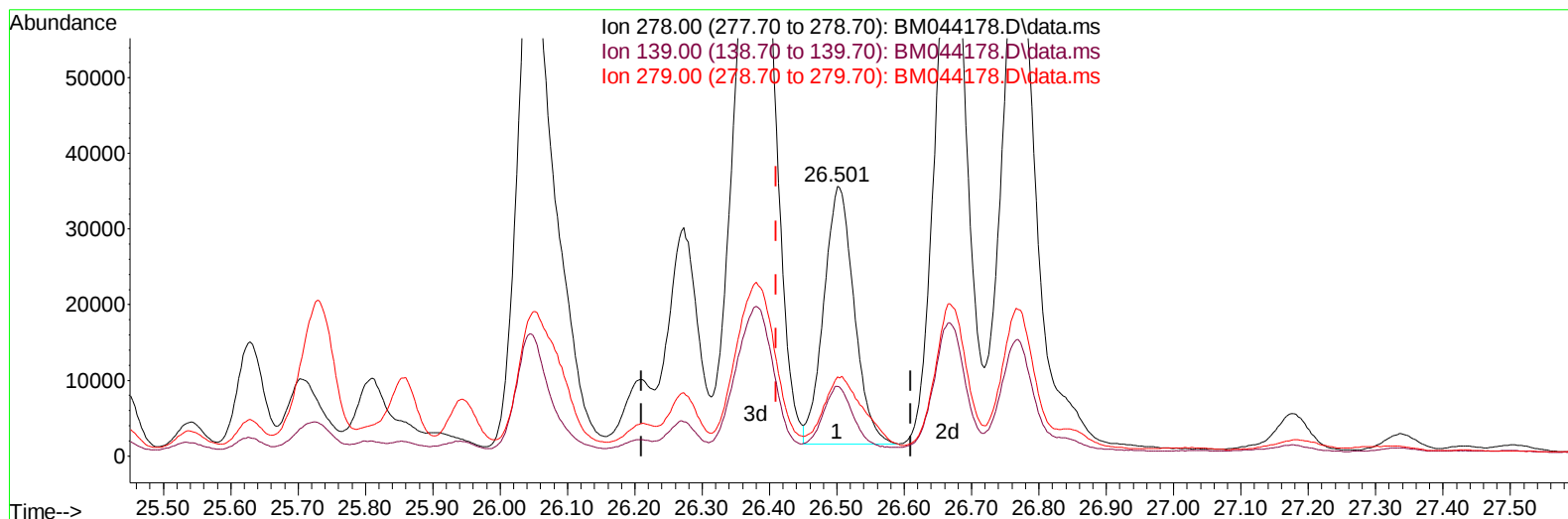
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(28) Dibenzo(a,h)anthracene

26.501min (+ 0.091) 1.40 ng/u1

response 106127

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	25.77
279.00	27.30	29.26
0.00	0.00	0.00

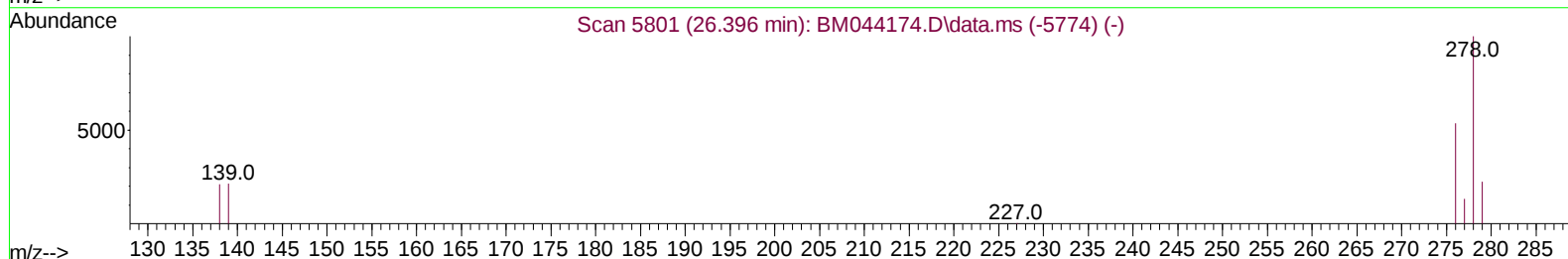
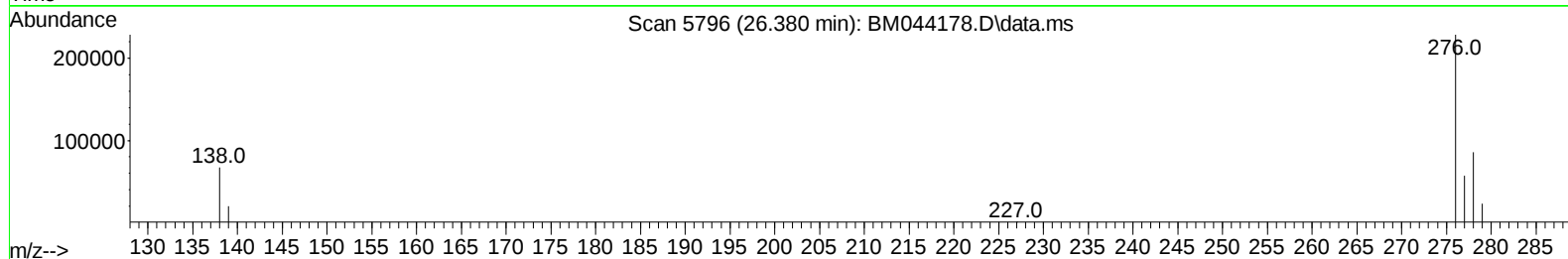
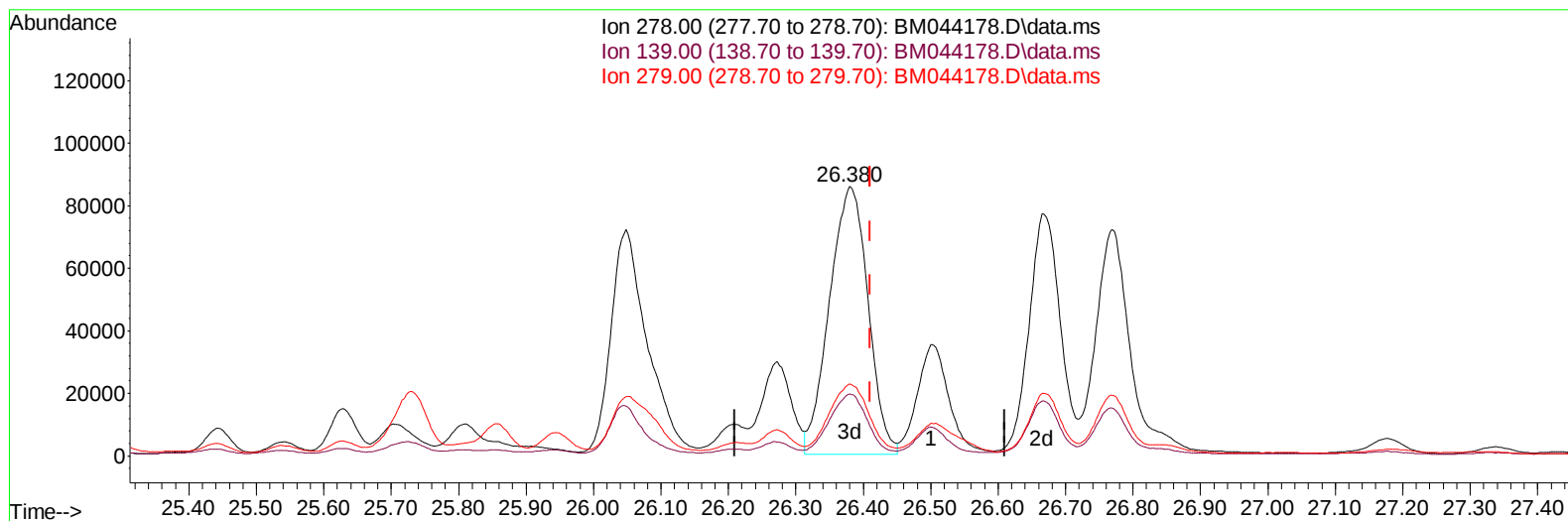
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(28) Dibenzo(a,h)anthracene

26.380min (-0.030) 4.50 ng/u1 m

response 340544

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	22.94
279.00	27.30	26.68
0.00	0.00	0.00

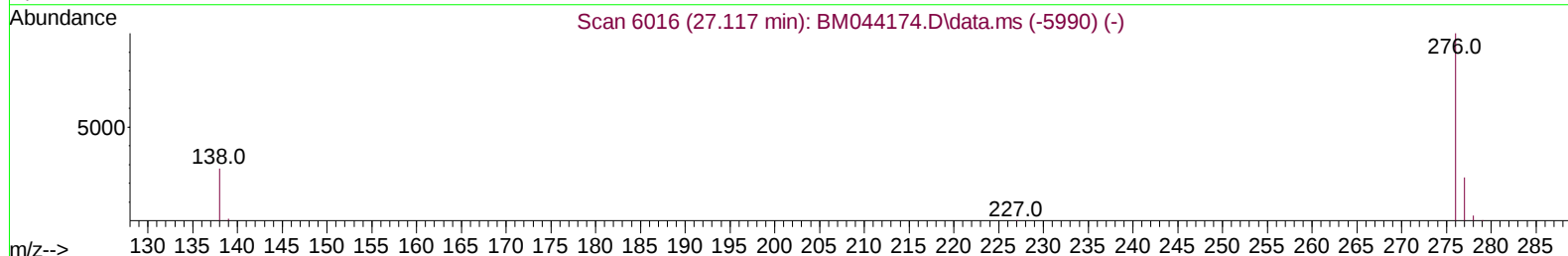
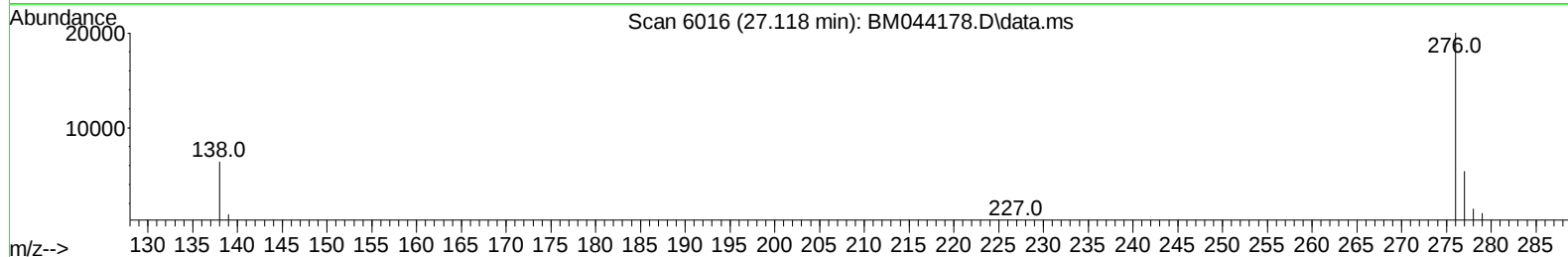
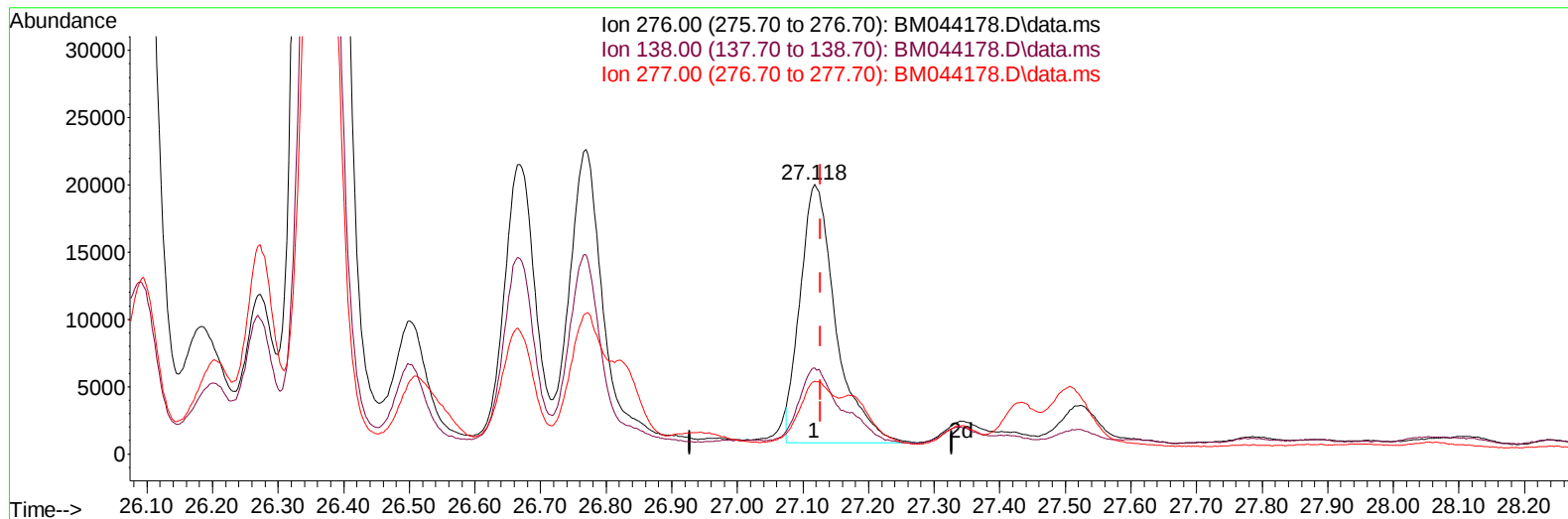
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(29) Benzo(g,h,i)perylene

27.118min (-0.010) 0.85 ng/u1

response 72583

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	31.96
277.00	23.80	27.08
0.00	0.00	0.00

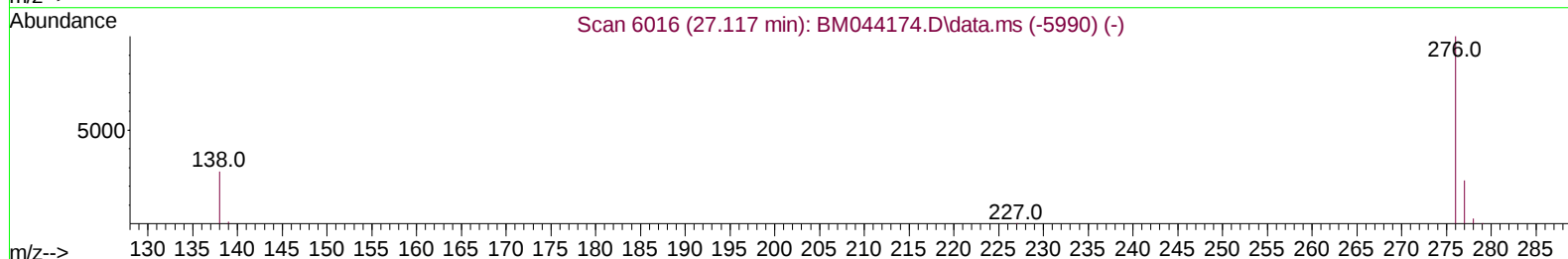
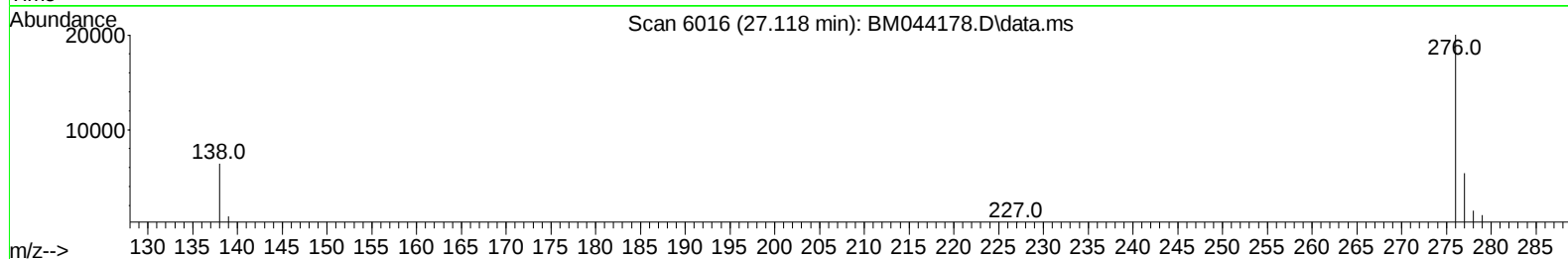
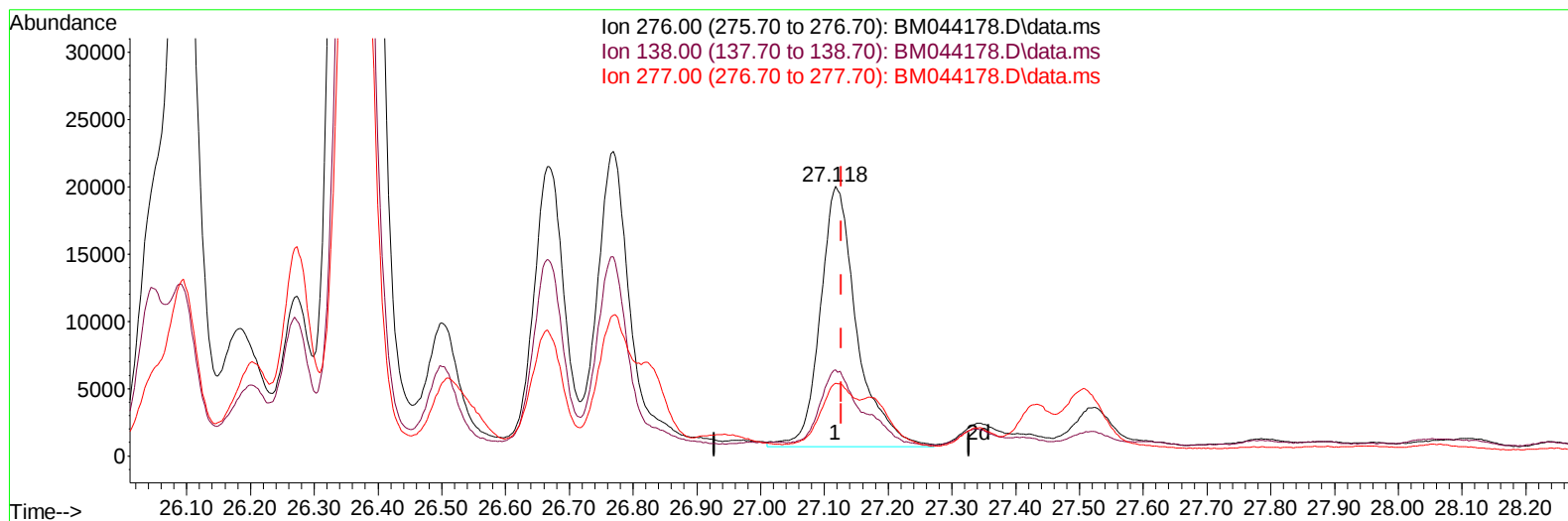
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044178.D\data.ms

(29) Benzo(g,h,i)perylene

27.118min (-0.010) 0.91 ng/u1 m

response 77526

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	31.96
277.00	23.80	27.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	6478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19688	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.538	164	9553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20069m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13497m	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	19685m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	43912	4.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7662	0.278	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	14650m	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	4265	0.073	ng/ul#	87
7) 2-Methylnaphthalene	12.365	142	2324	0.064	ng/ul	94
8) 1-Methylnaphthalene	12.580	142	2619	0.072	ng/ul	93
10) Acenaphthylene	14.261	152	8980	0.171	ng/ul#	92
11) Acenaphthene	14.603	153	37134	0.976	ng/ul	99
12) Fluorene	15.593	166	31405	0.732	ng/ul	97
14) Pentachlorophenol	16.938	266	178	0.025	ng/ul	91
15) Phenanthrene	17.334	178	1295143m	20.362	ng/ul	
16) Anthracene	17.427	178	222723	3.539	ng/ul	99
19) Fluoranthene	19.359	202	4475286m	72.730	ng/ul	
20) Pyrene	19.721	202	3618561	55.919	ng/ul#	91
21) Benzo(a)anthracene	21.482	228	2296781m	37.158	ng/ul	
22) Chrysene	21.535	228	2338806m	35.095	ng/ul	
24) Benzo(b)fluoranthene	23.169	252	3022130m	37.202	ng/ul	
25) Benzo(k)fluoranthene	23.210	252	1170718m	13.276	ng/ul	
26) Benzo(a)pyrene	23.786	252	1251309m	16.572	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276	960143m	9.987	ng/ul	
28) Dibenzo(a,h)anthracene	26.380	278	340544m	4.499	ng/ul	
29) Benzo(g,h,i)perylene	27.118	276	77526m	0.912	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN3

Manual IntegrationsAPPROVED

Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

