

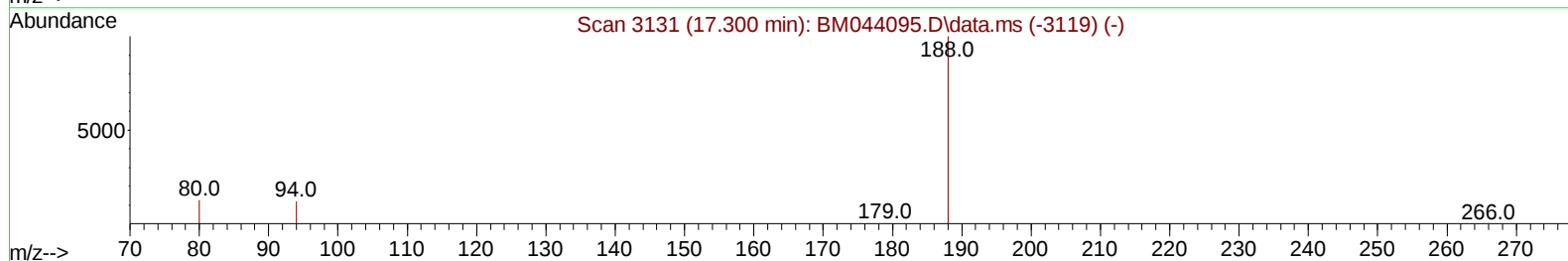
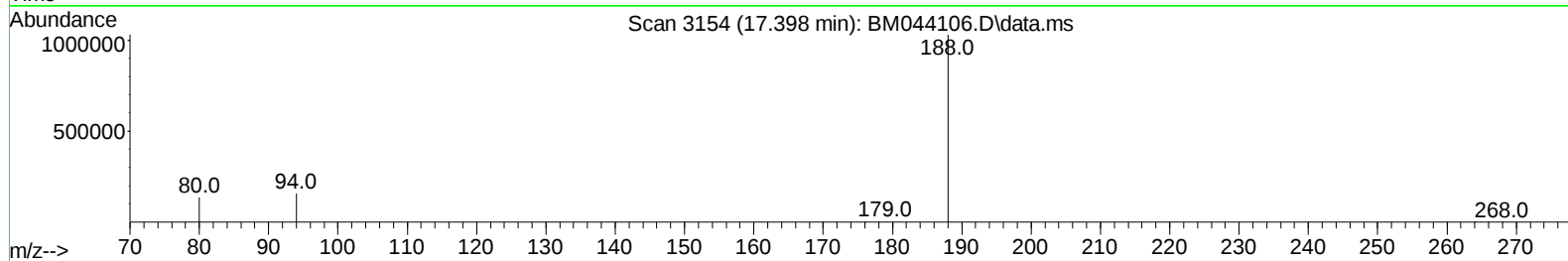
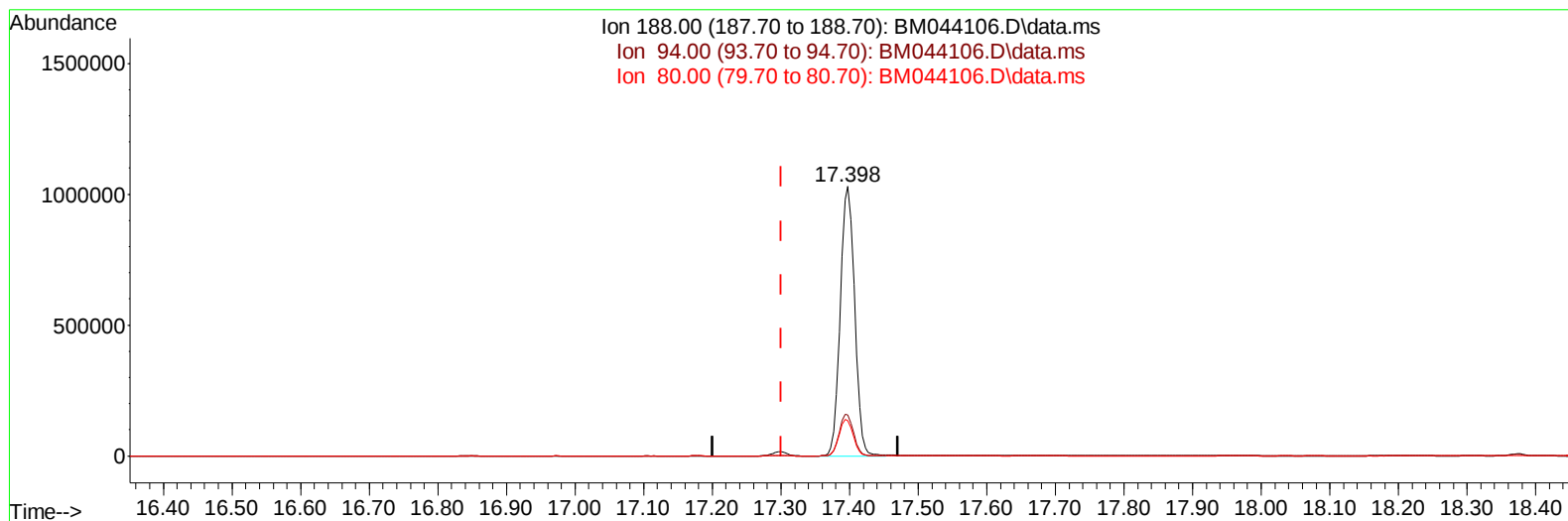
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.097) 0.40 ng/u1

response 1495003

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.29#
80.00	13.40	13.23
0.00	0.00	0.00

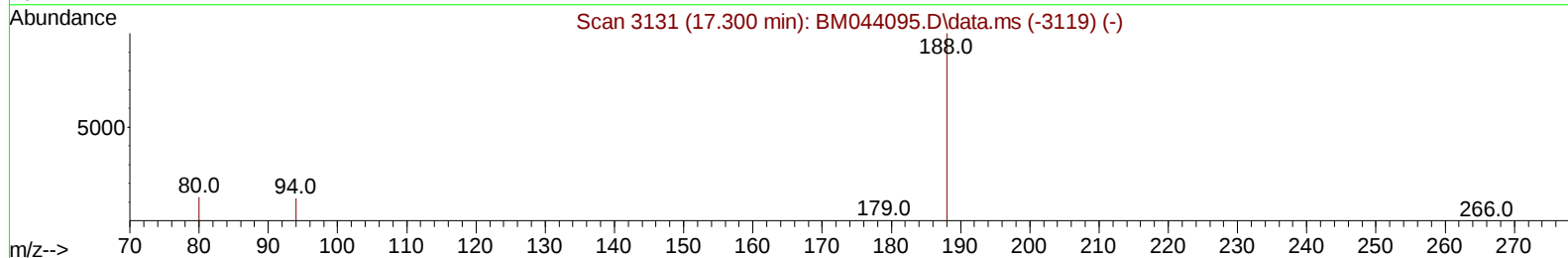
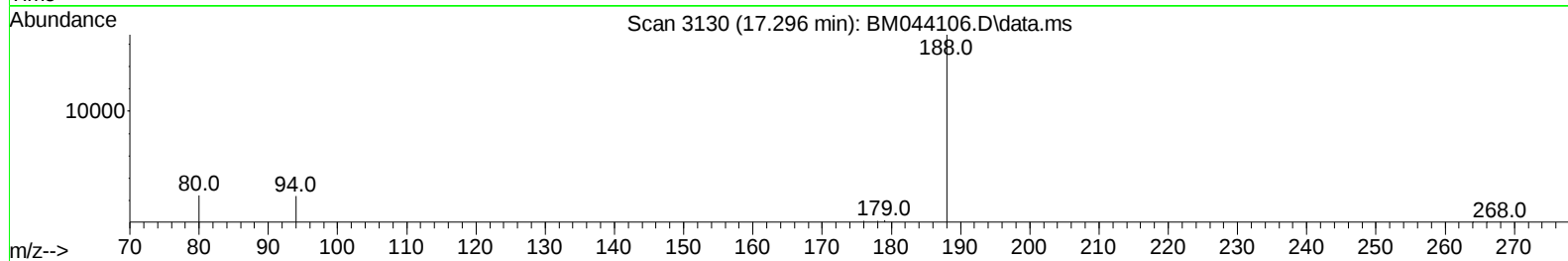
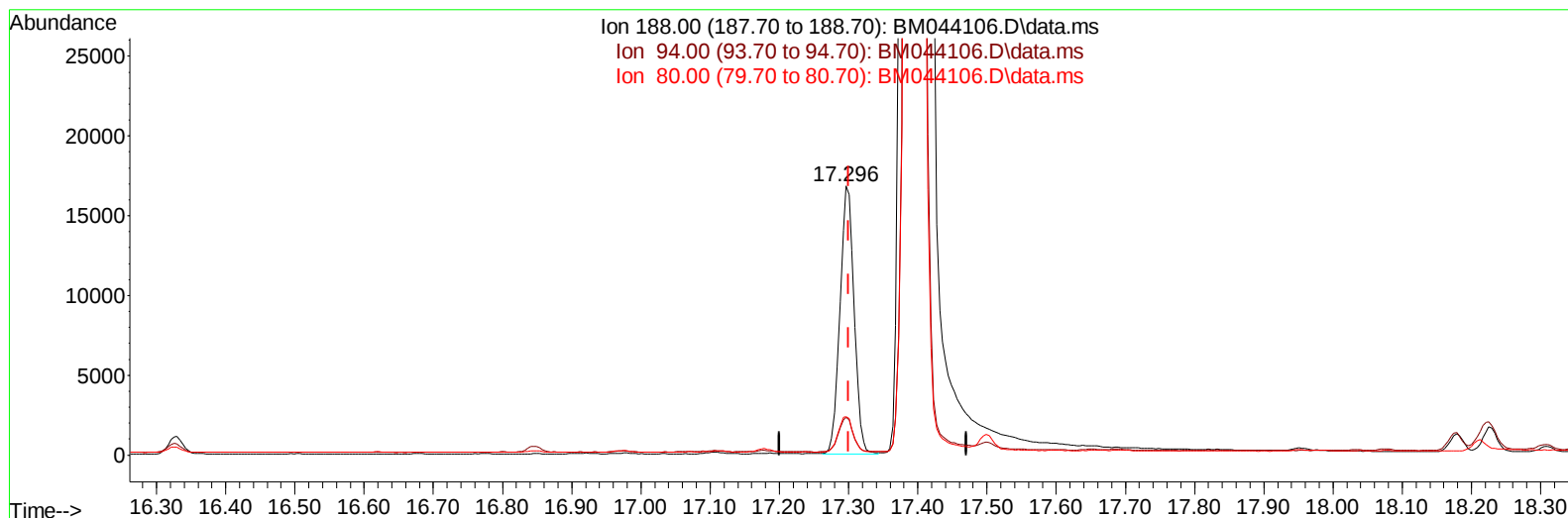
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(13) Phenanthrene-d10 (I)

17.296min (-0.004) 0.40 ng/ul m

response 23900

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	14.14
80.00	13.40	14.40
0.00	0.00	0.00

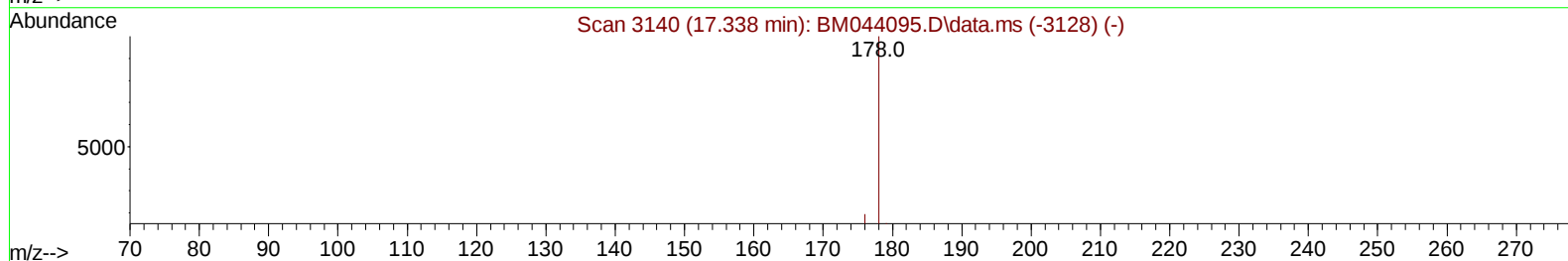
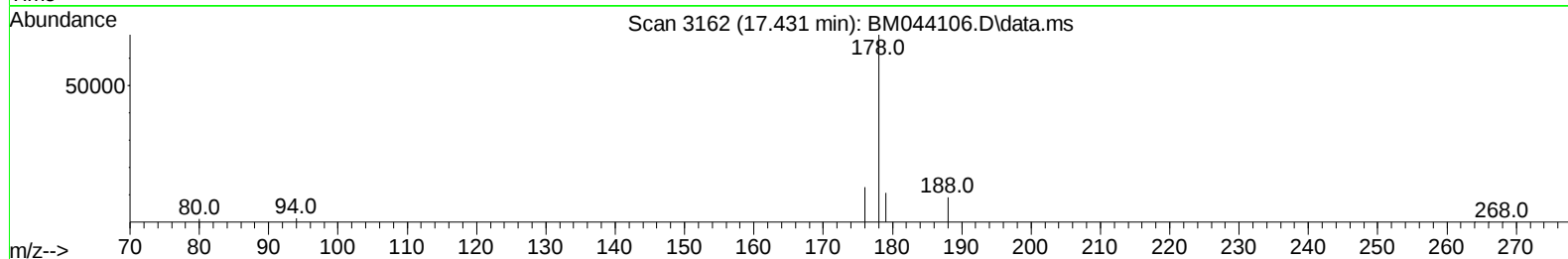
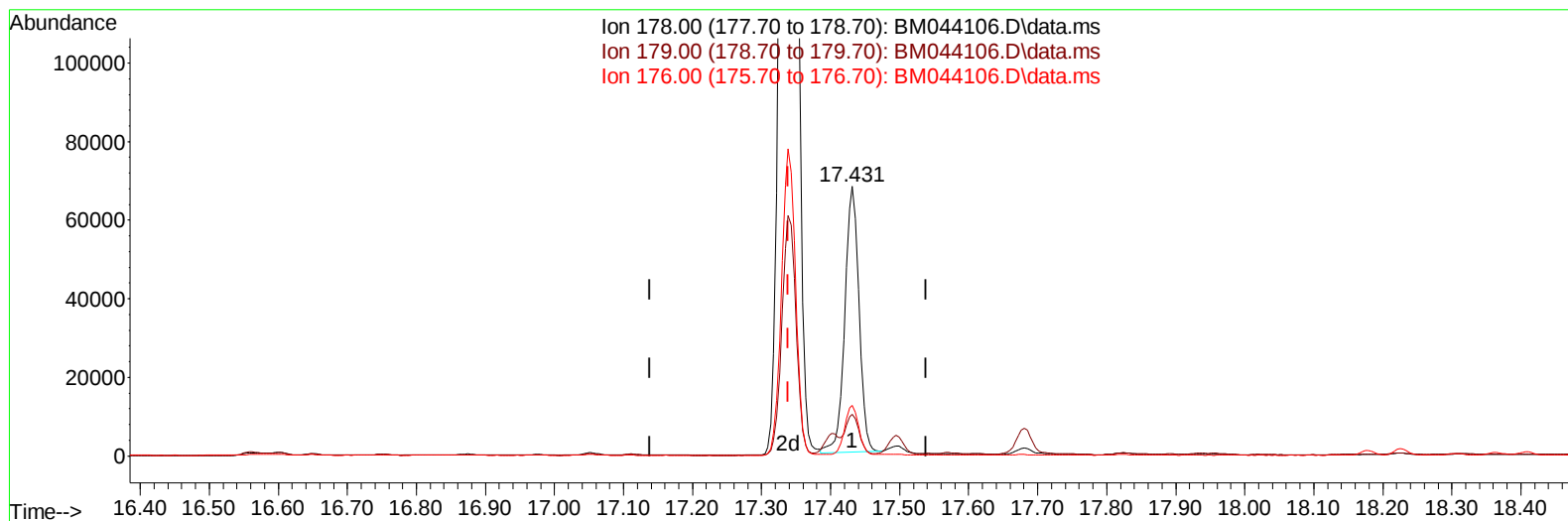
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(15) Phenanthrene

17.431min (+ 0.093) 1.27 ng/u1

response 96046

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.56
176.00	20.00	18.80
0.00	0.00	0.00

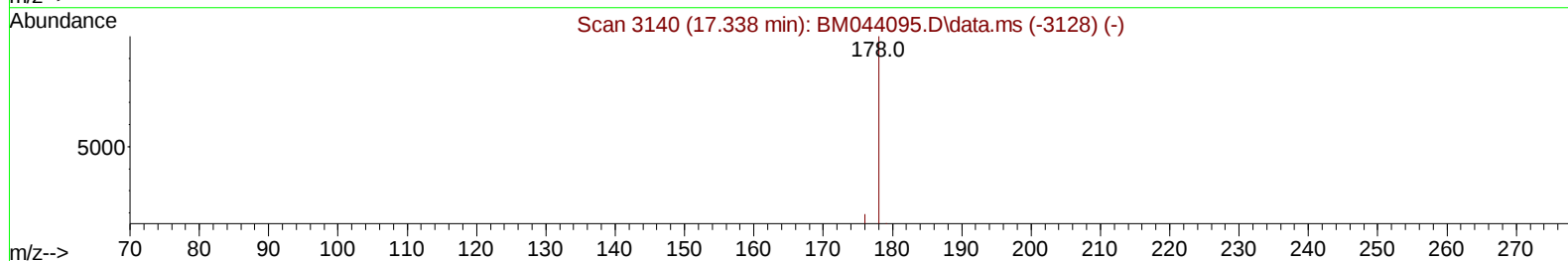
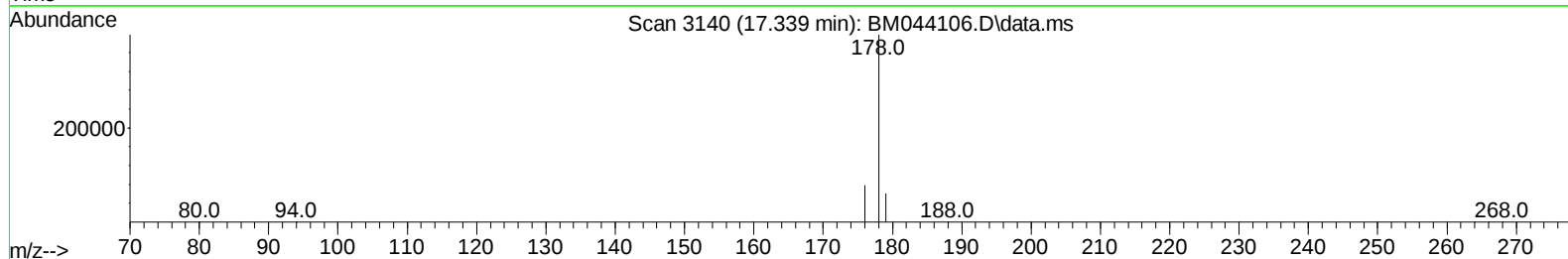
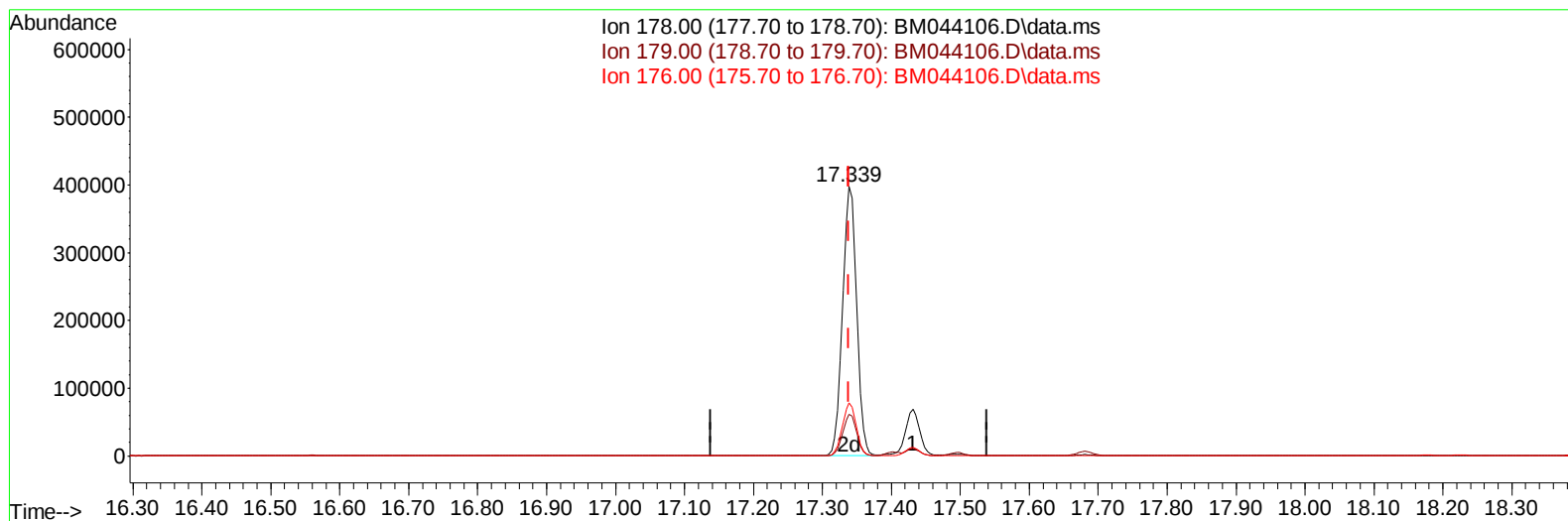
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(15) Phenanthrene

17.339min (+ 0.000) 7.51 ng/ul m

response 568507

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	15.38
176.00	20.00	19.66
0.00	0.00	0.00

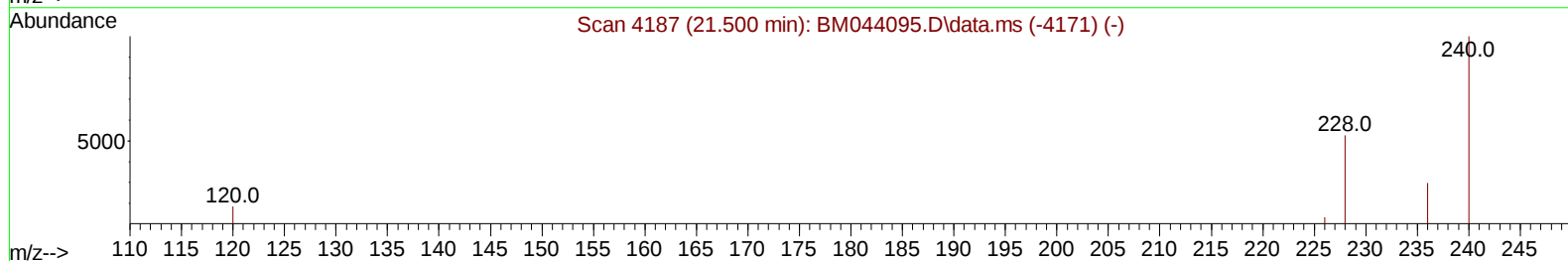
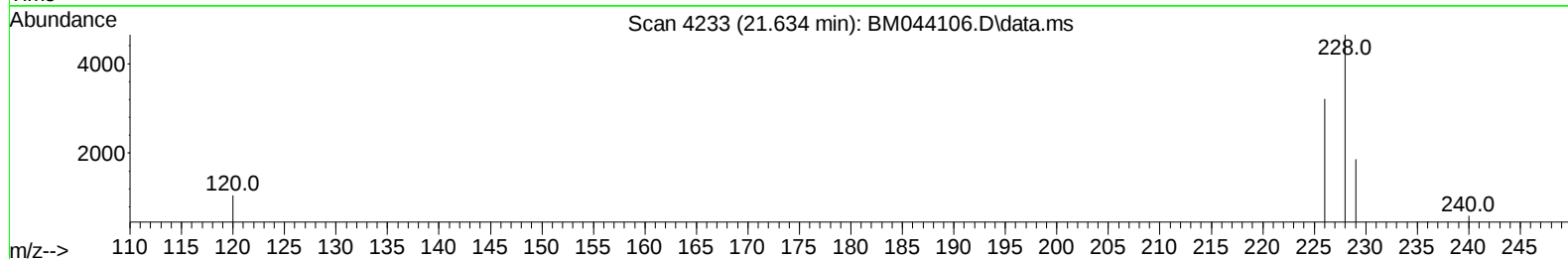
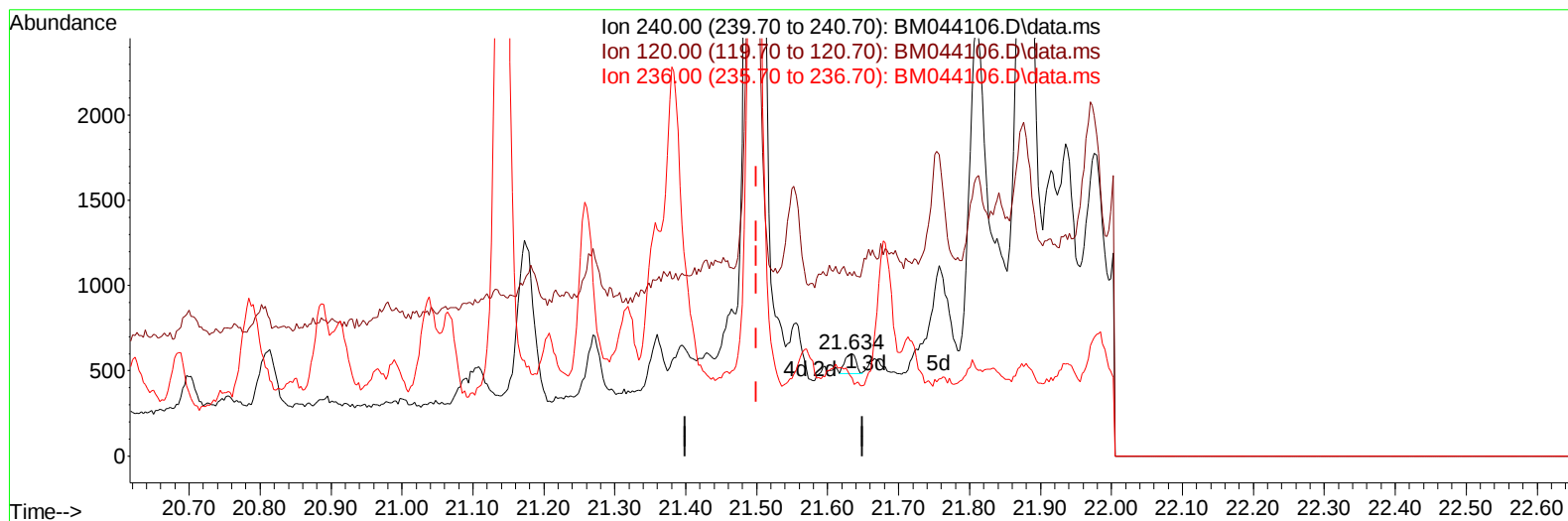
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
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TIC: BM044106.D\data.ms

(17) Chrysene-d12

21.634min (+ 0.134) 0.40 ng/u1

response 126

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	176.33#
236.00	30.60	76.33#
0.00	0.00	0.00

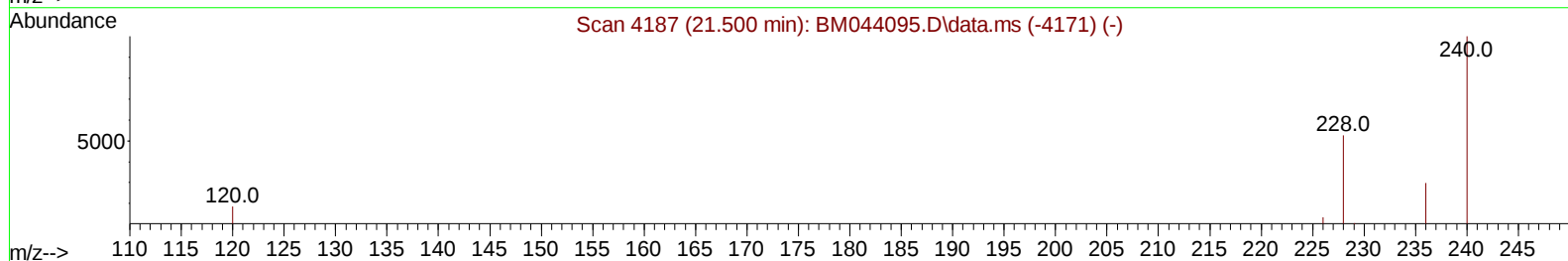
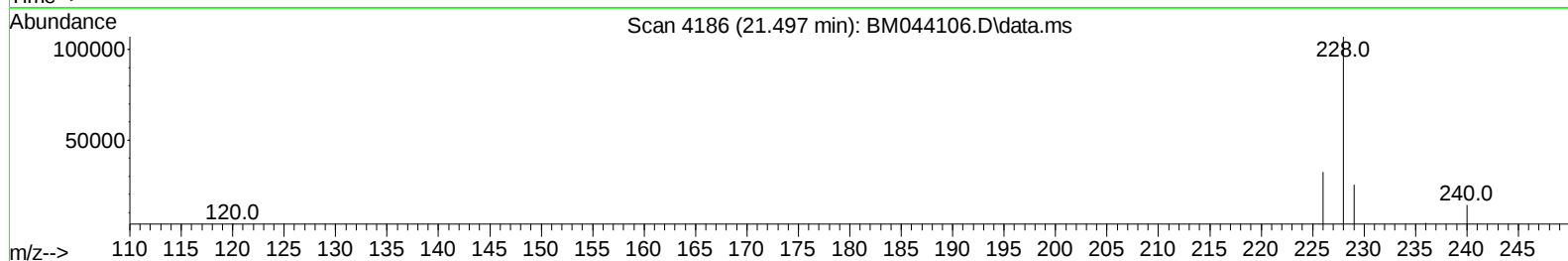
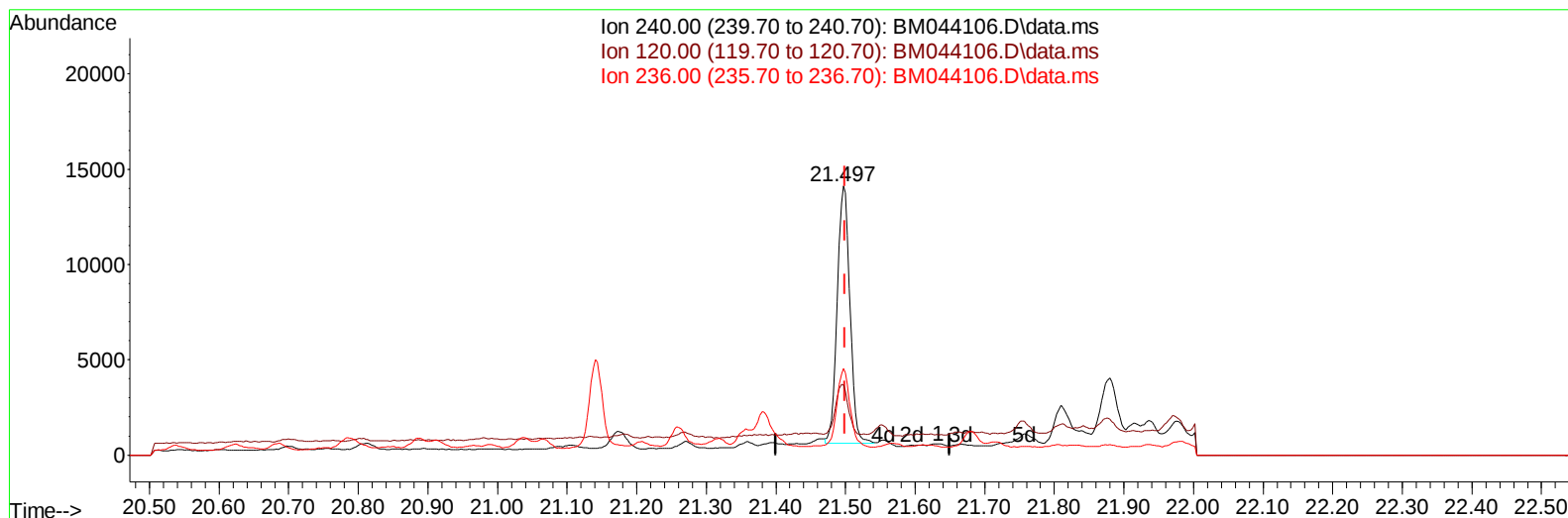
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(17) Chrysene-d12

21.497min (-0.003) 0.40 ng/ul m

response 17101

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	26.09#
236.00	30.60	32.19
0.00	0.00	0.00

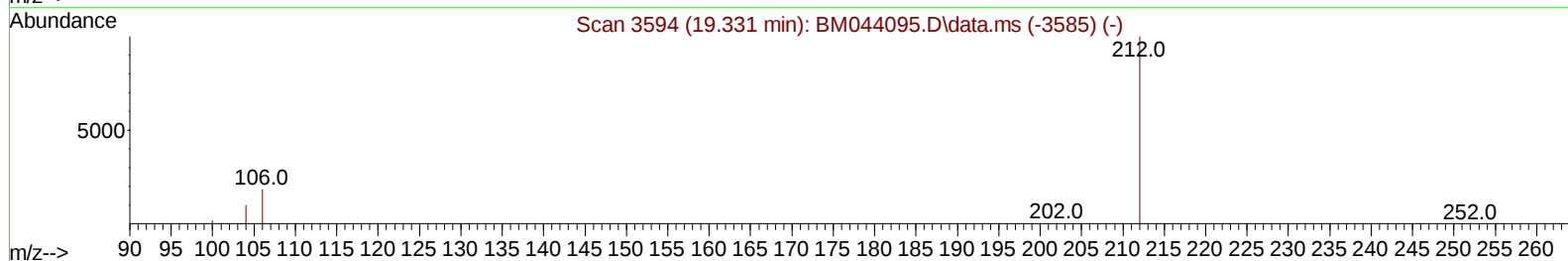
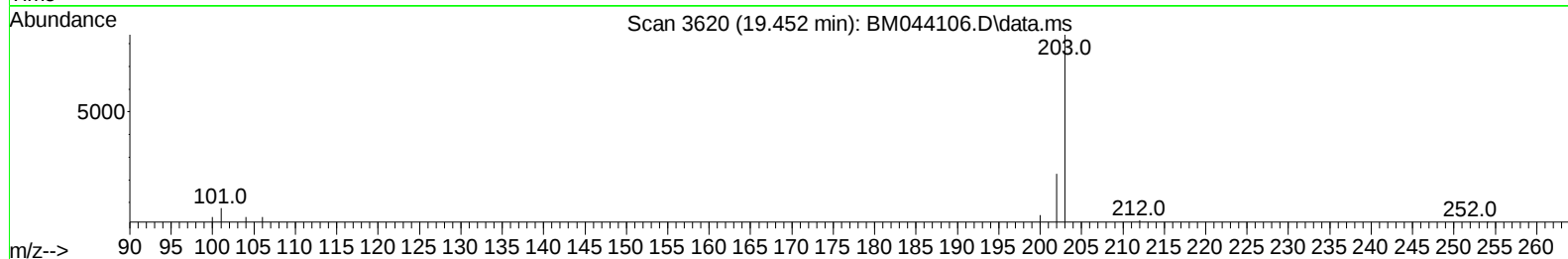
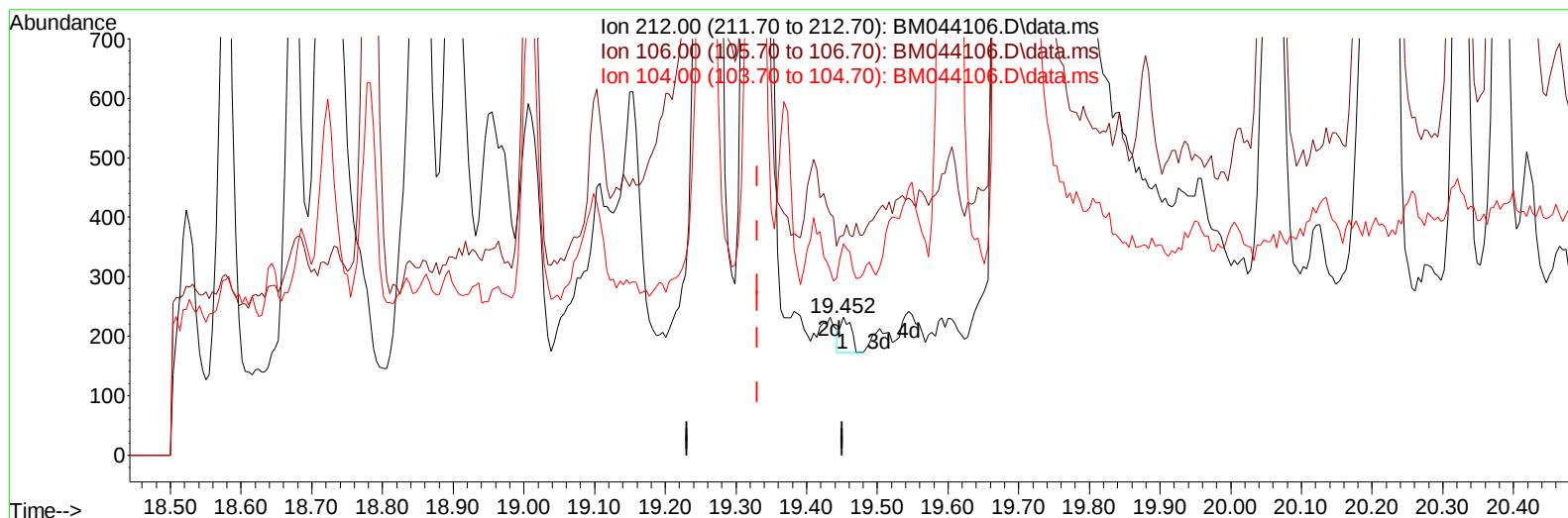
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
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TIC: BM044106.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.452min (+ 0.121) 0.00 ng/u1

response 65

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	12.31#
104.00	10.10	98.46#
0.00	0.00	0.00

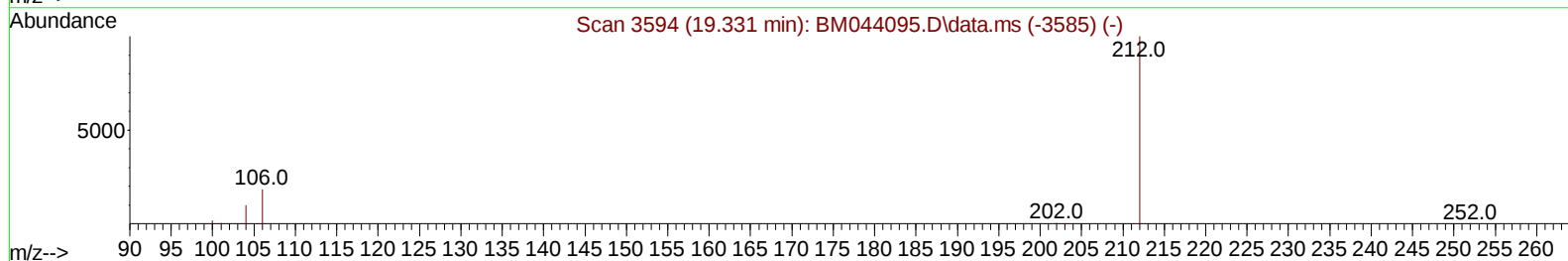
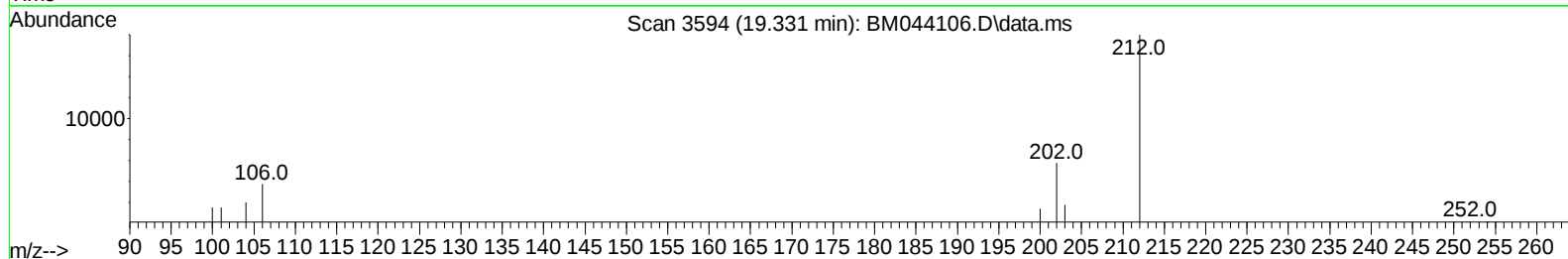
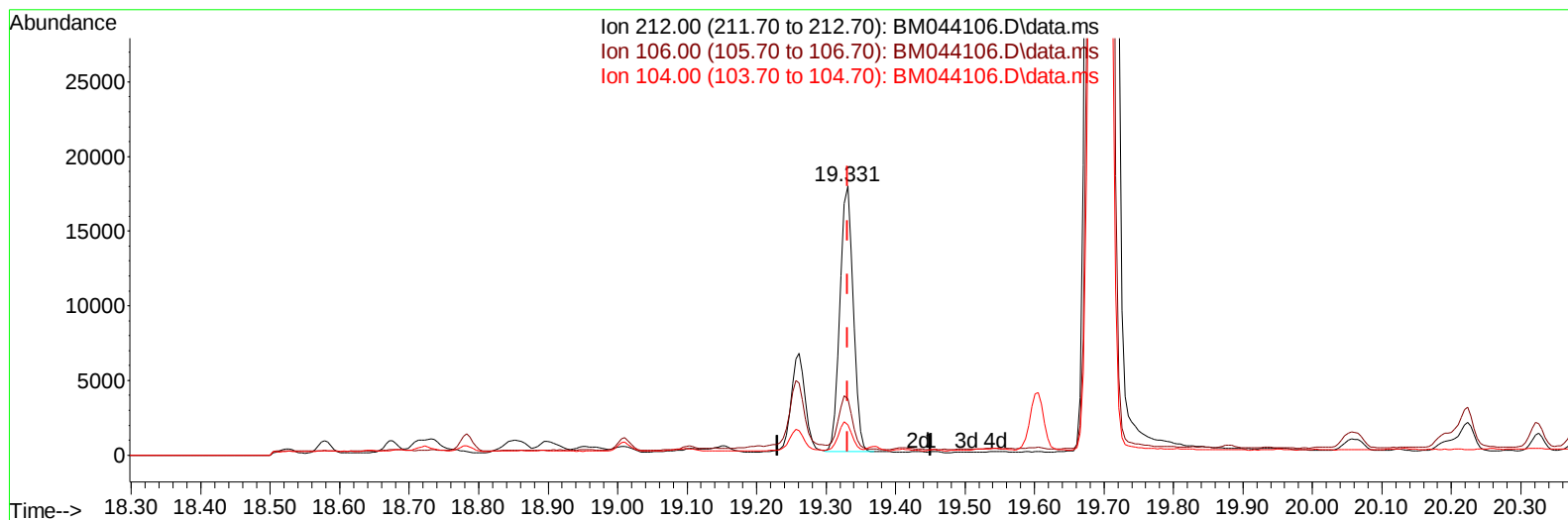
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.331min (+ 0.000) 0.46 ng/ul m

response 23316

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	0.03#
104.00	10.10	0.27#
0.00	0.00	0.00

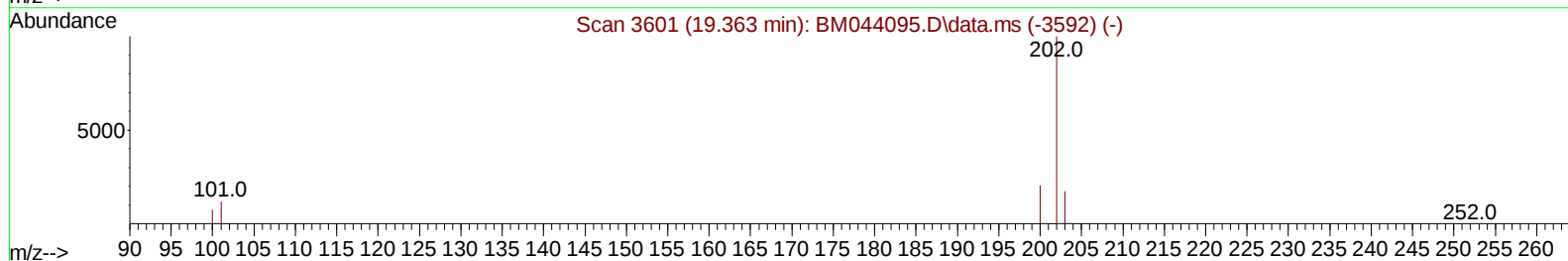
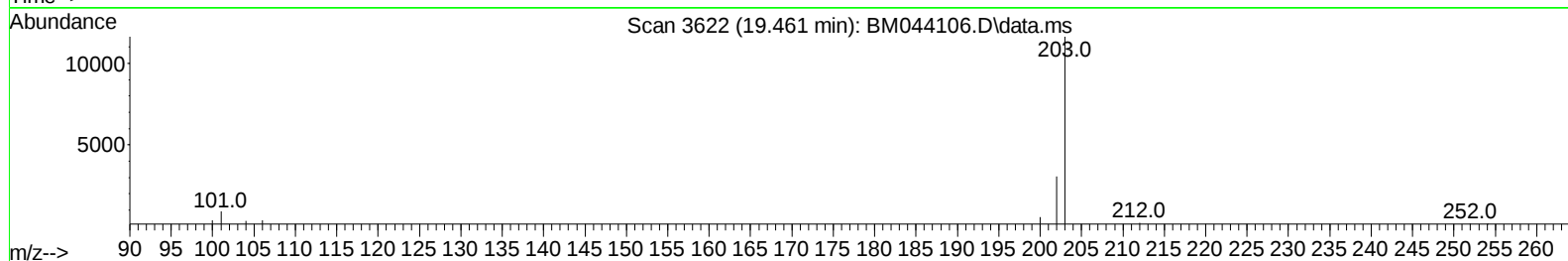
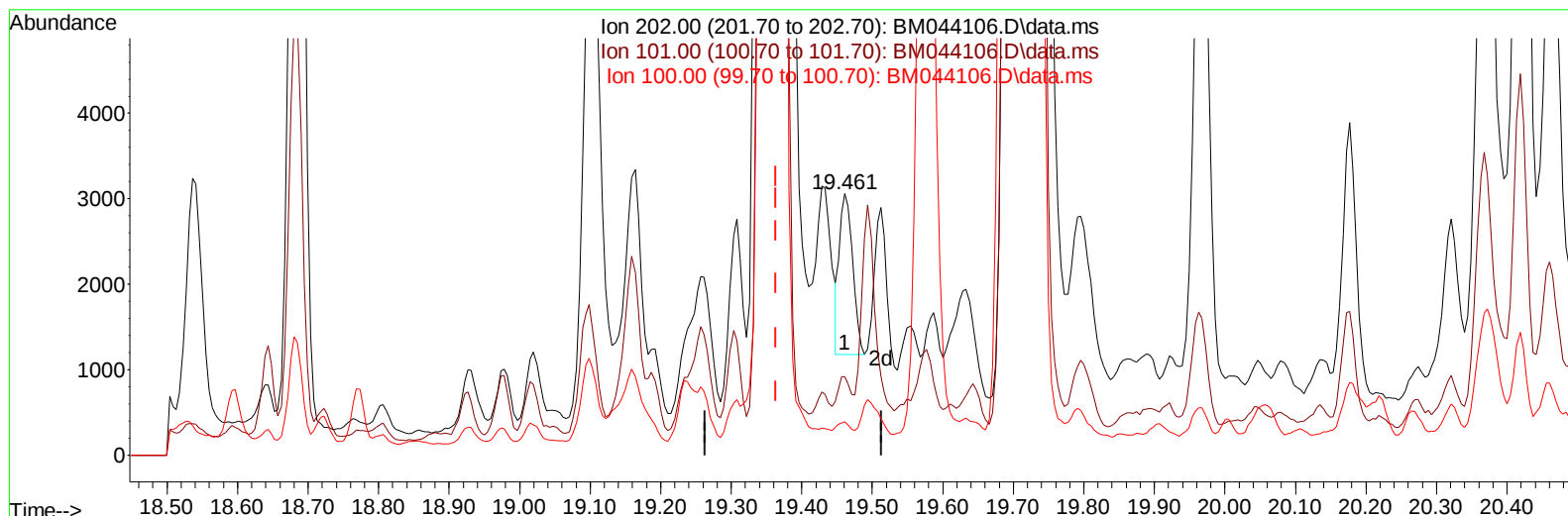
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
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TIC: BM044106.D\data.ms

(19) Fluoranthene (C)

19.461min (+ 0.098) 0.03 ng/u1

response 2457

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	30.03#
100.00	8.70	12.81#
0.00	0.00	0.00

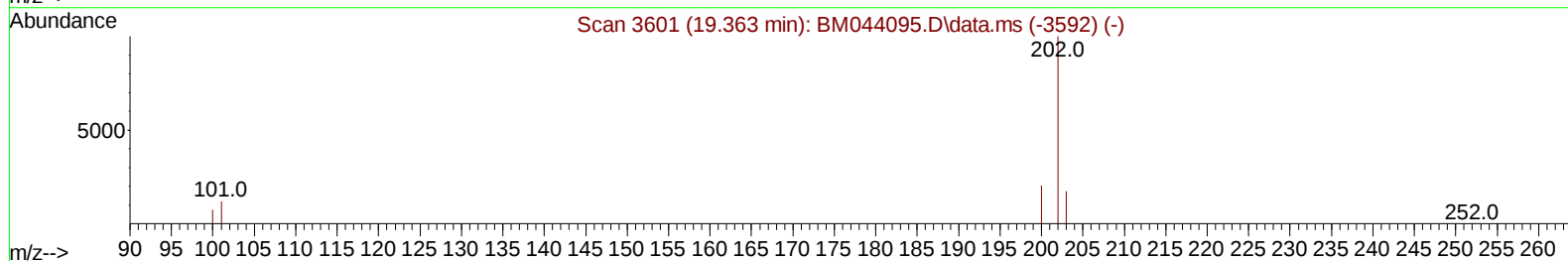
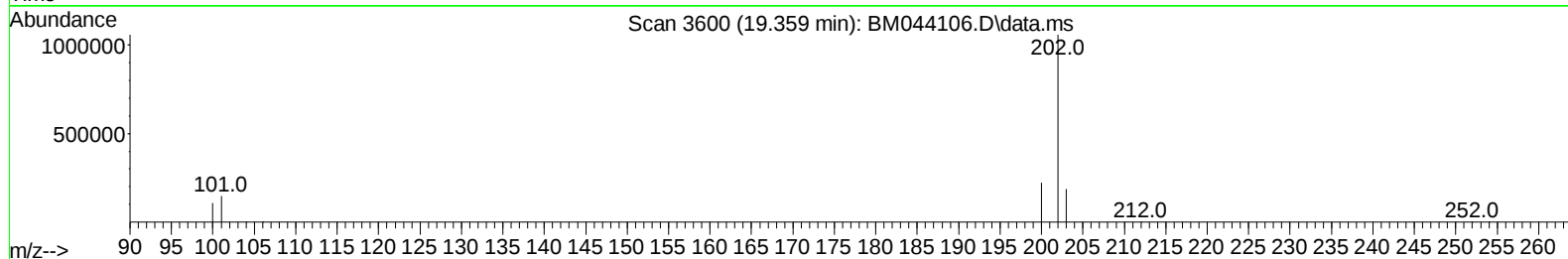
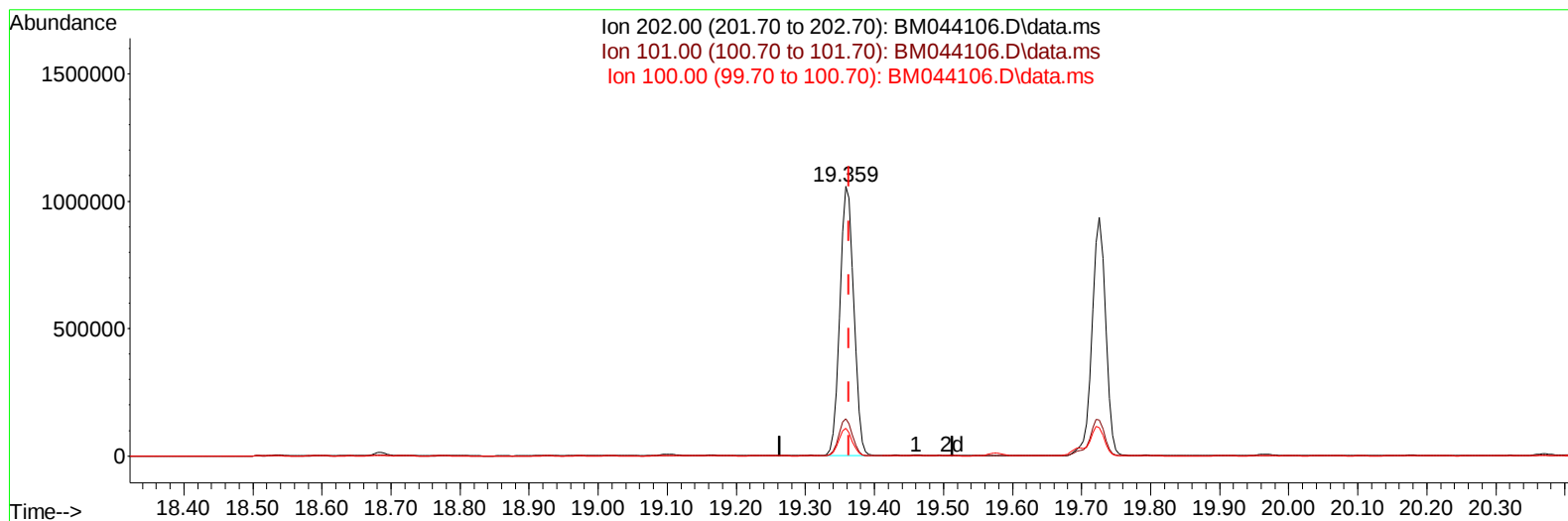
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(19) Fluoranthene (C)

19.359min (-0.005) 18.76 ng/ul m

response 1462701

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	13.90
100.00	8.70	10.19
0.00	0.00	0.00

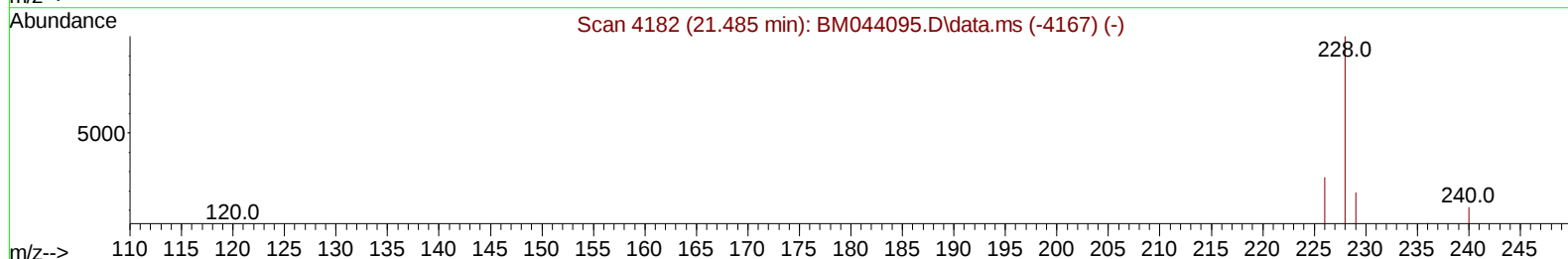
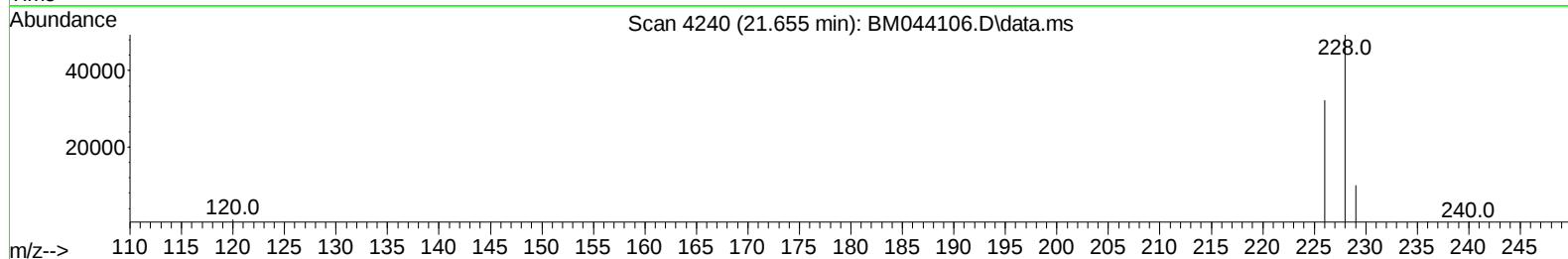
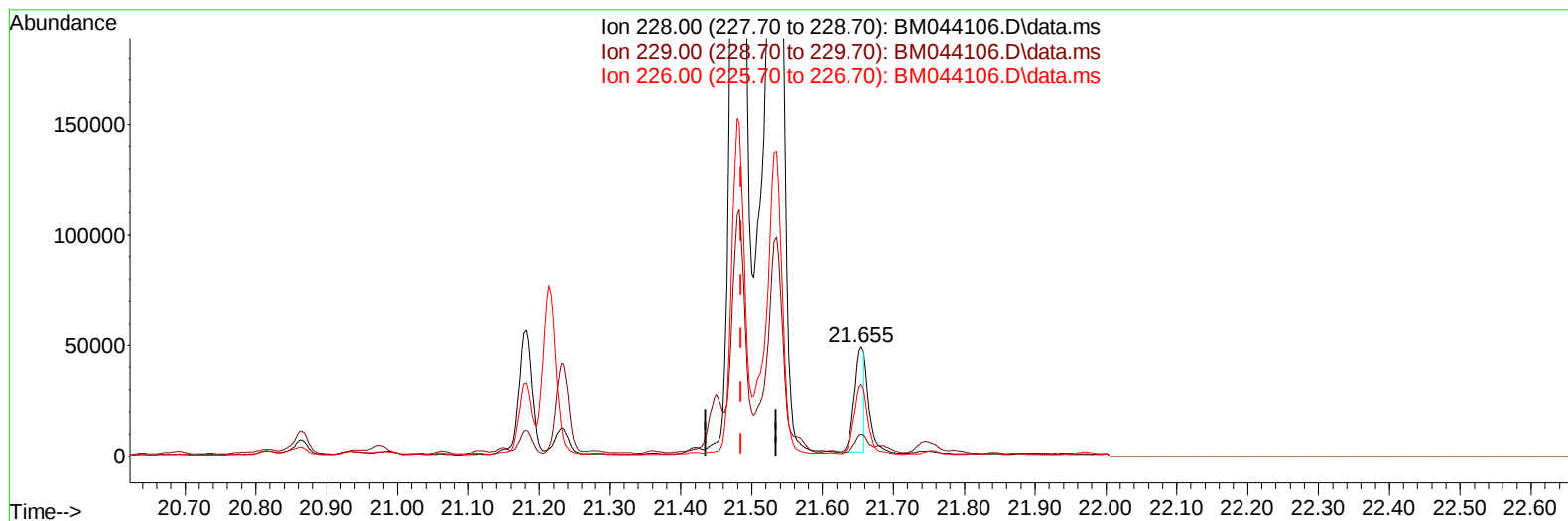
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(21) Benzo(a)anthracene

21.655min (+ 0.170) 0.56 ng/u1

response 43700

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	20.31
226.00	27.60	65.57#
0.00	0.00	0.00

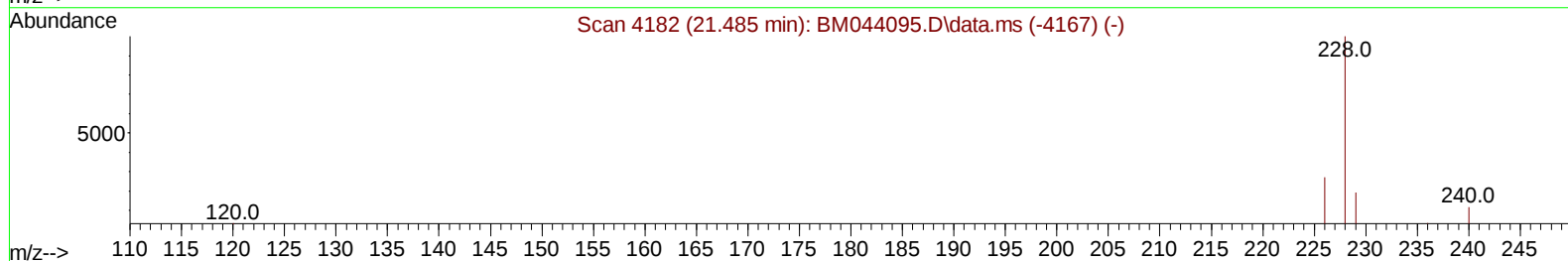
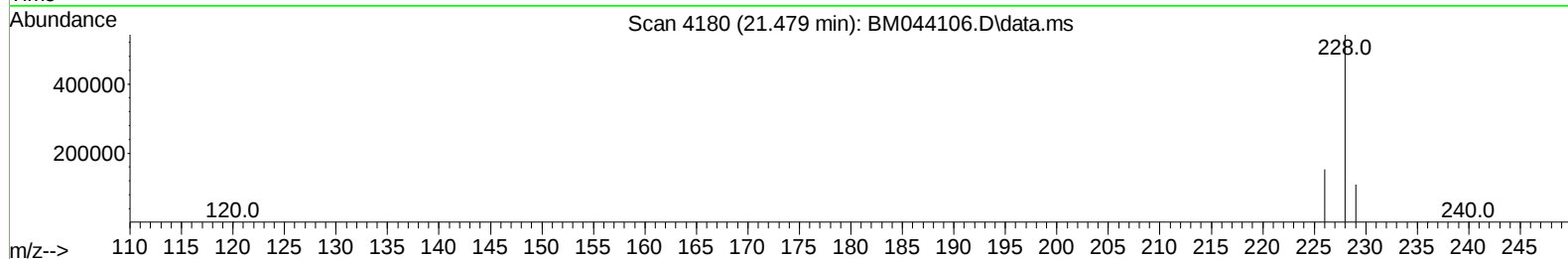
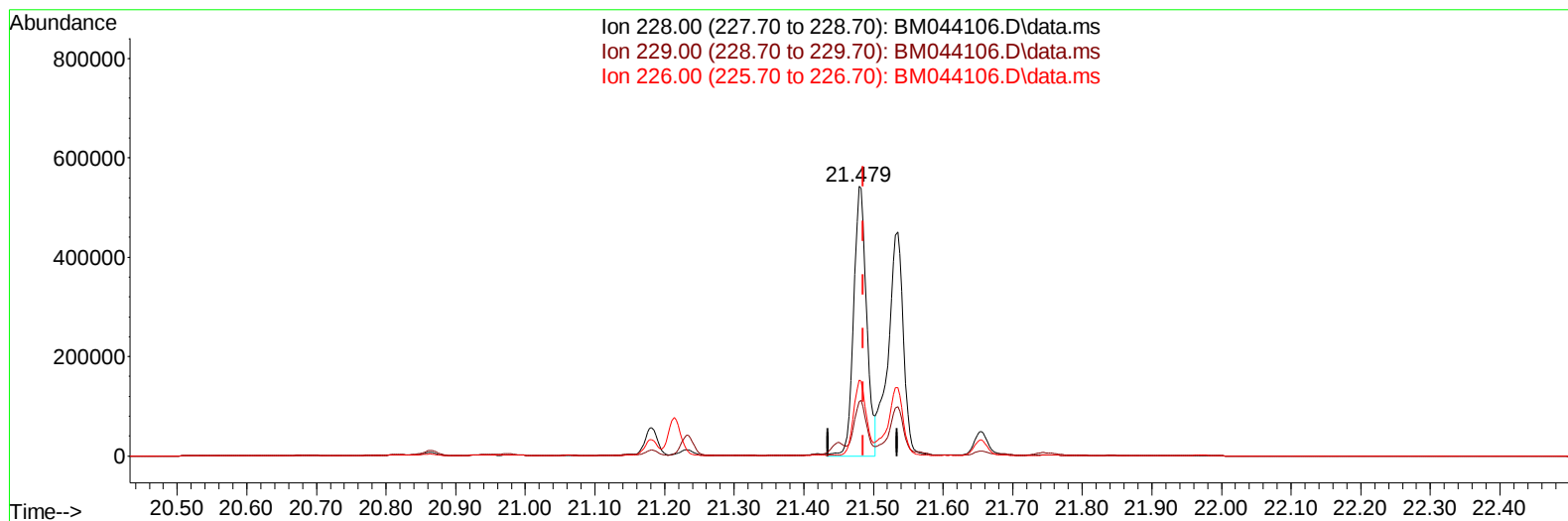
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0FL5

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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(21) Benzo(a)anthracene

21.479min (-0.006) 9.01 ng/u1 m

response 705333

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	20.10
226.00	27.60	28.18
0.00	0.00	0.00

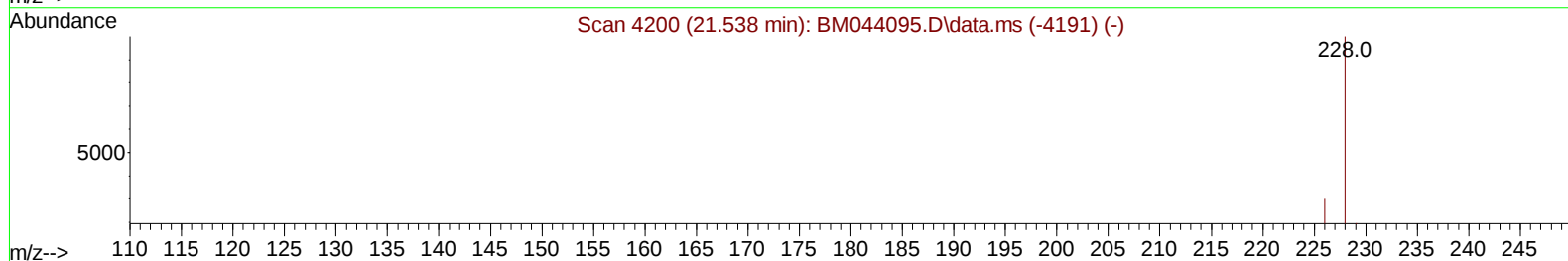
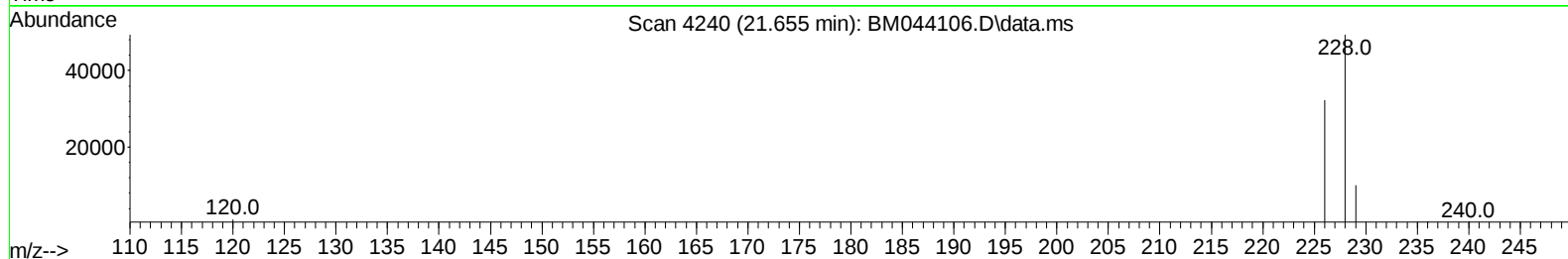
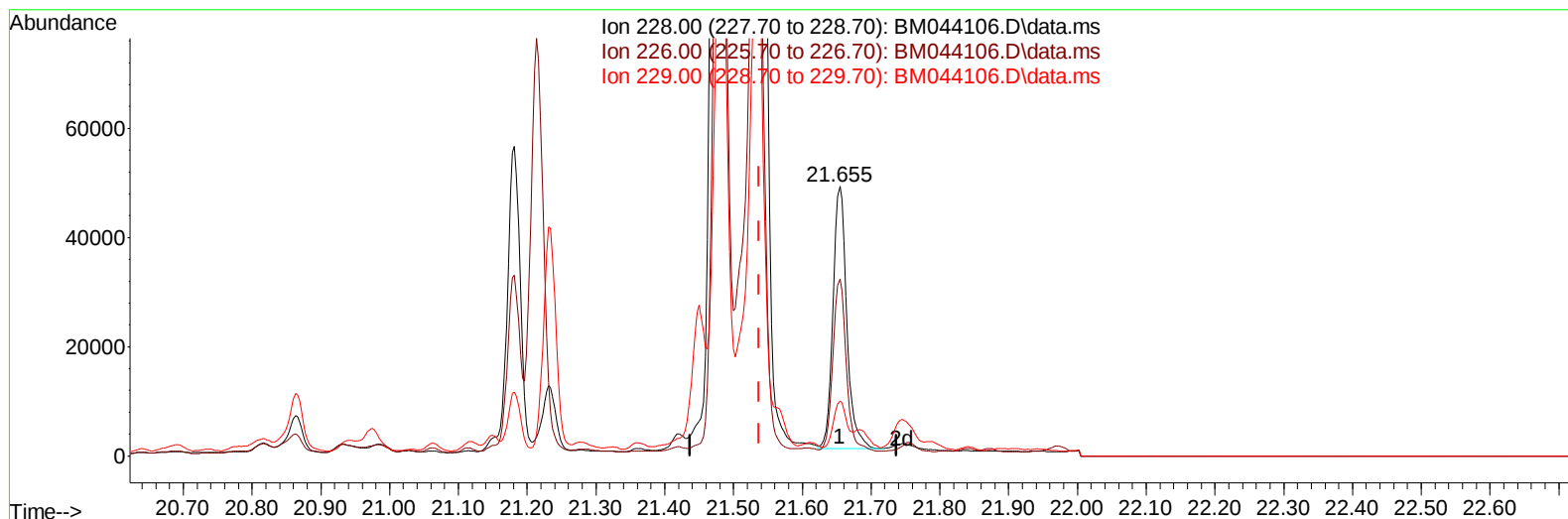
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(22) Chrysene

21.655min (+ 0.117) 0.79 ng/u1

response 66748

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	65.57#
229.00	19.70	20.31
0.00	0.00	0.00

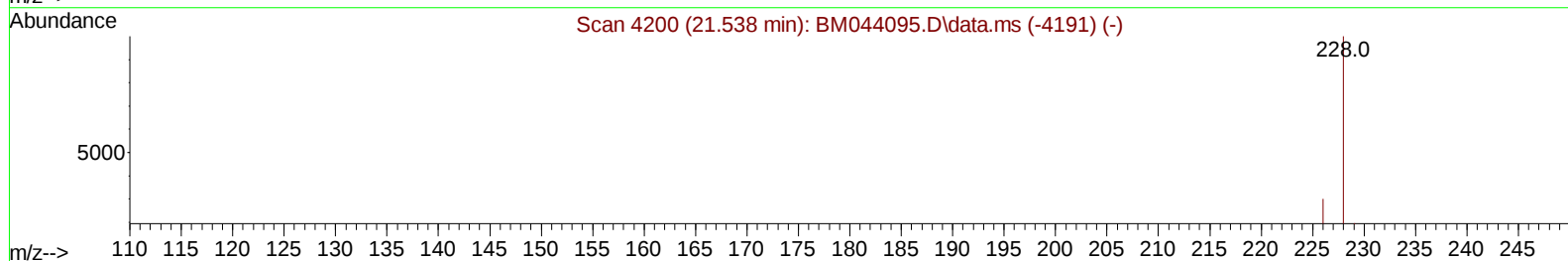
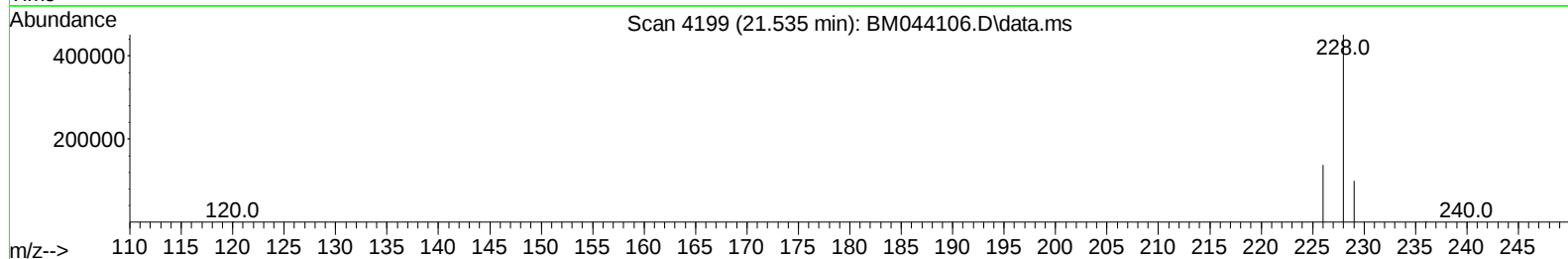
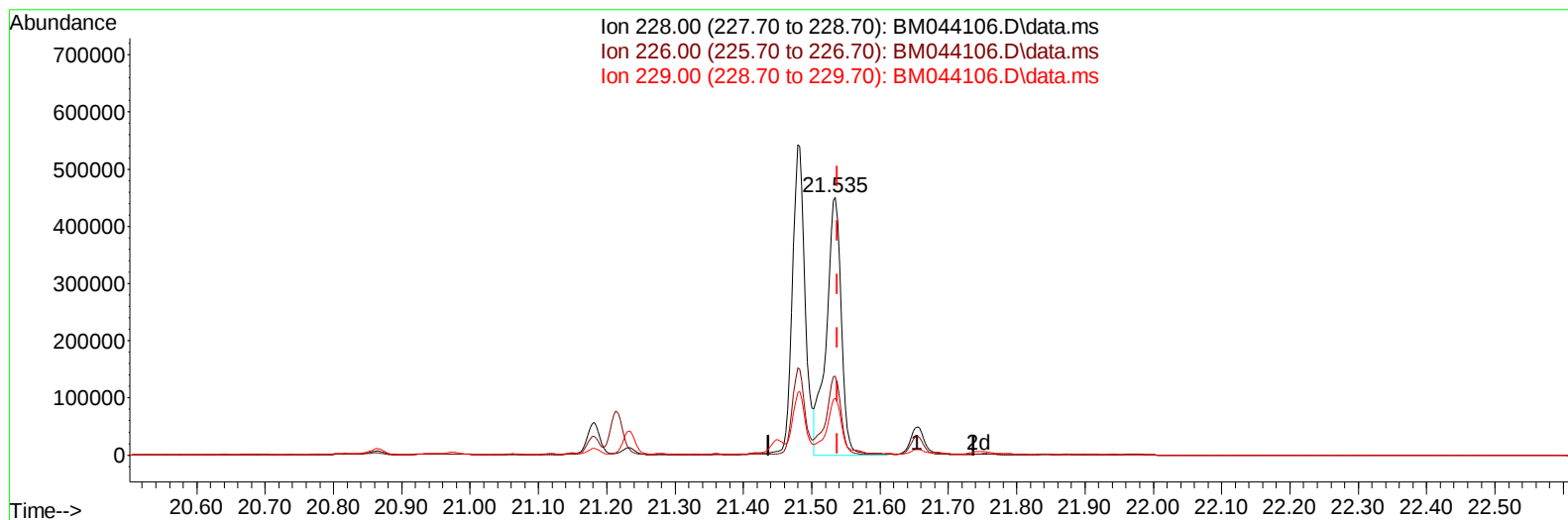
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(22) Chrysene

21.535min (-0.003) 8.22 ng/u1 m

response 694366

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	30.55
229.00	19.70	21.98
0.00	0.00	0.00

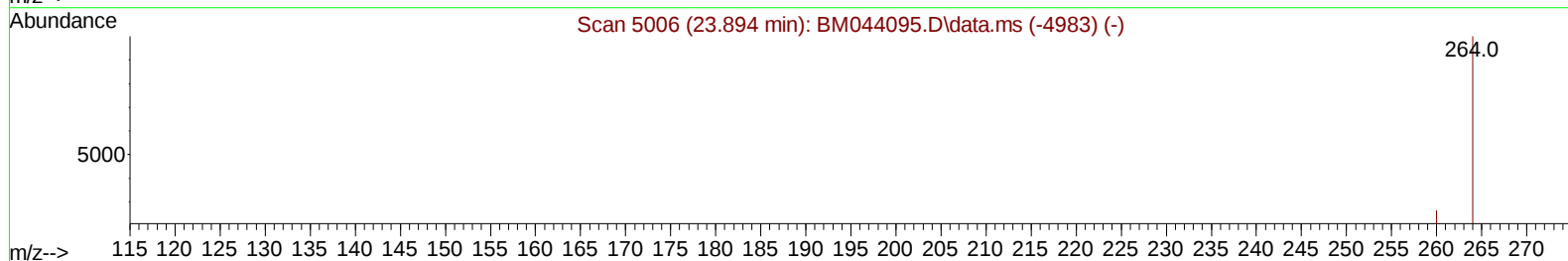
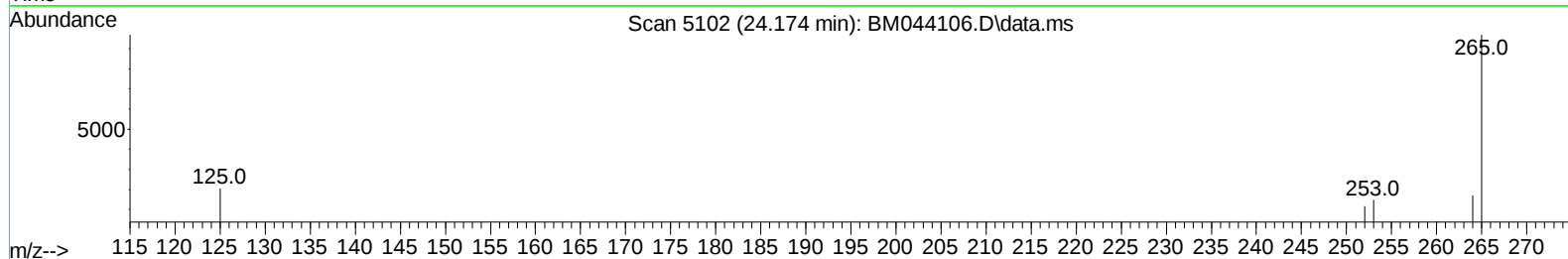
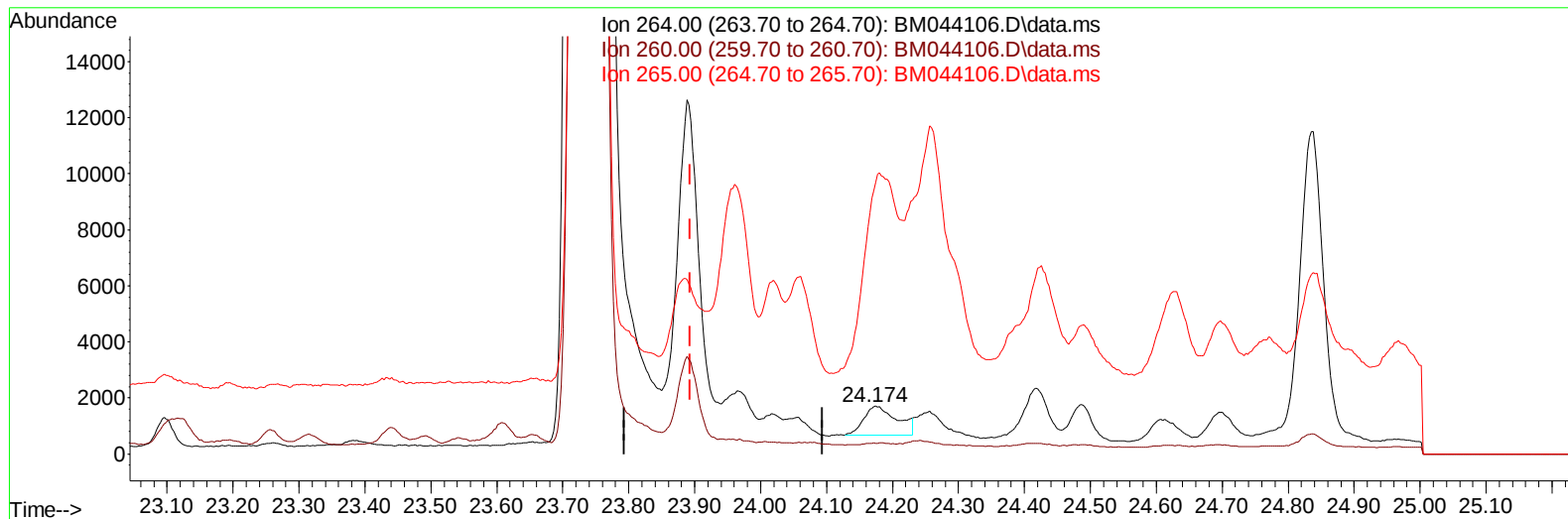
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(23) Perylene-d12 (I)

24.174min (+ 0.281) 0.40 ng/u1

response 3716

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	22.02
265.00	45.40	566.24#
0.00	0.00	0.00

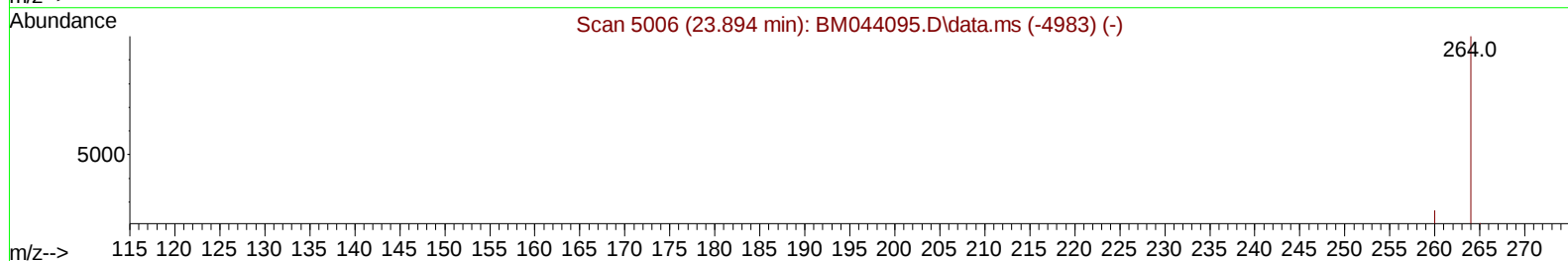
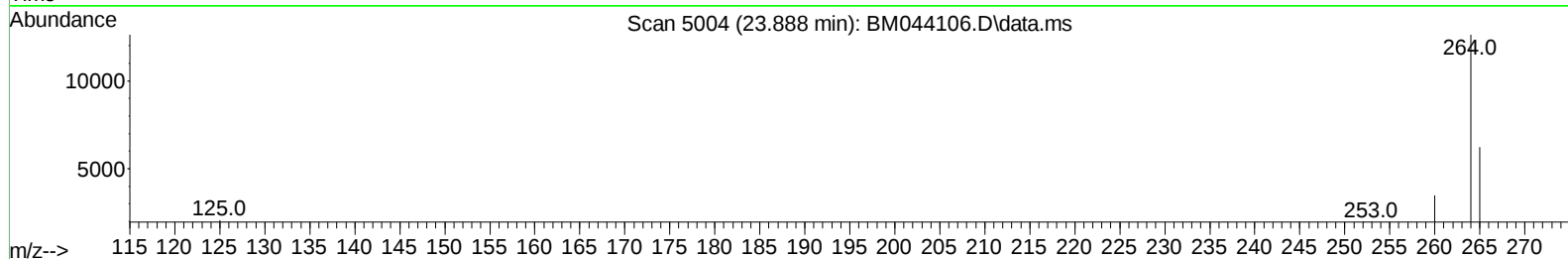
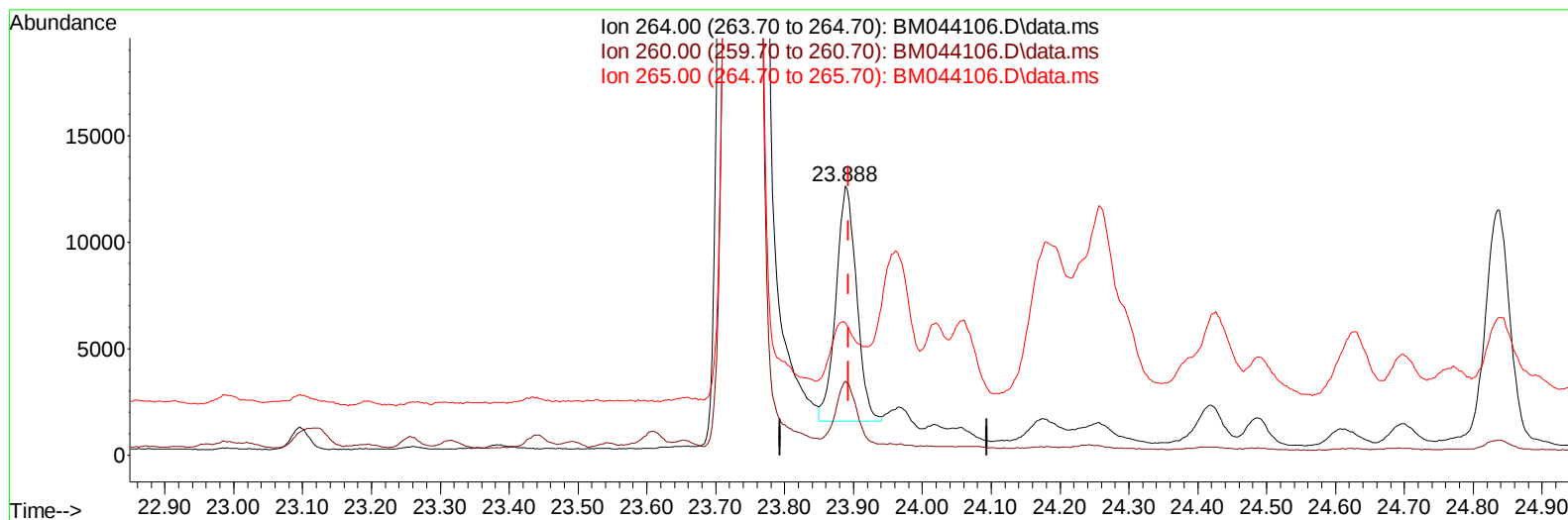
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(23) Perylene-d12 (I)

23.888min (-0.006) 0.40 ng/u1 m

response 22941

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	27.50
265.00	45.40	49.21
0.00	0.00	0.00

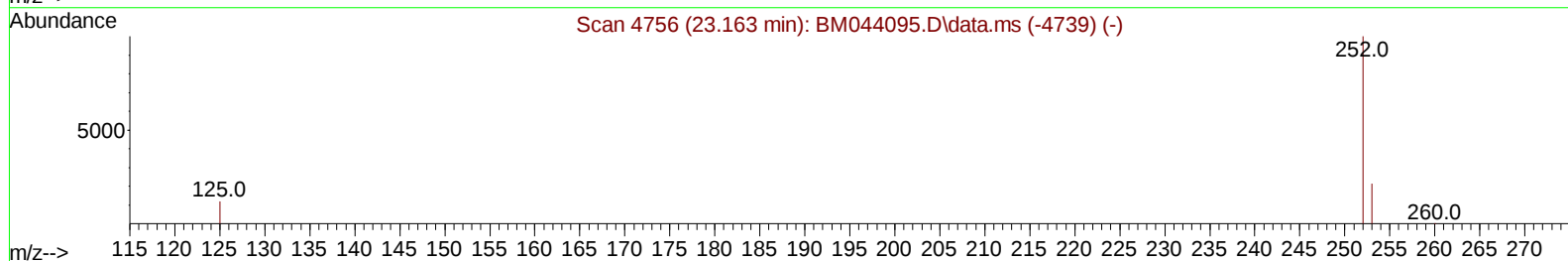
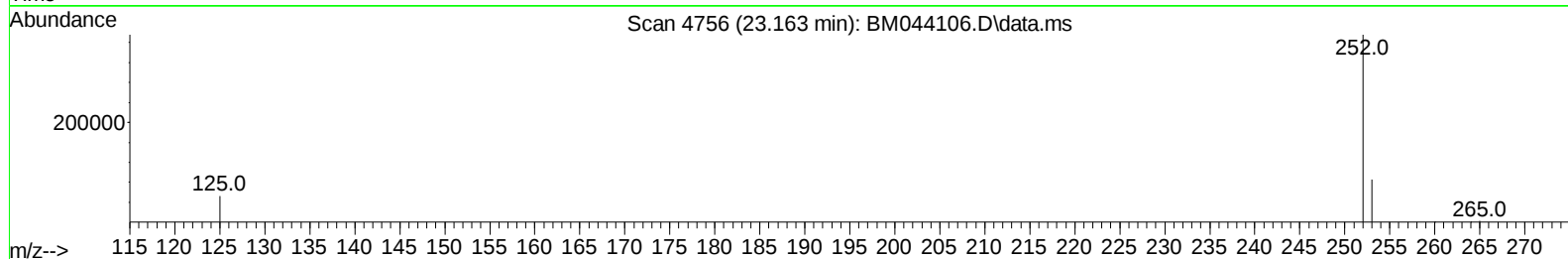
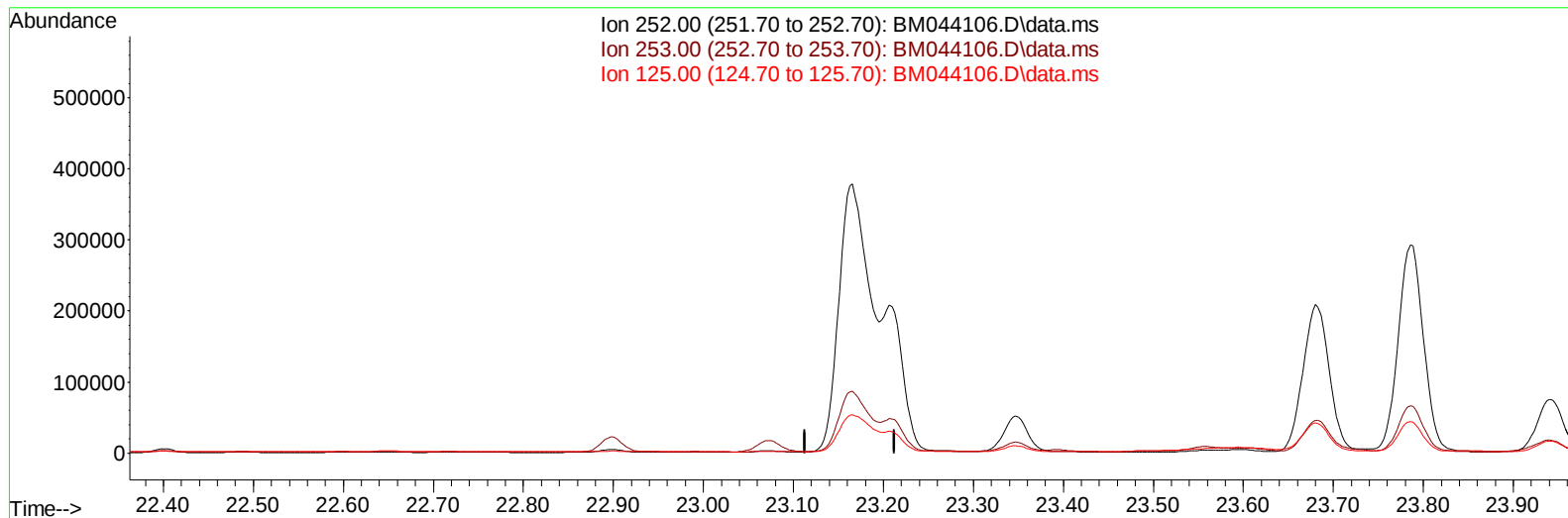
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.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

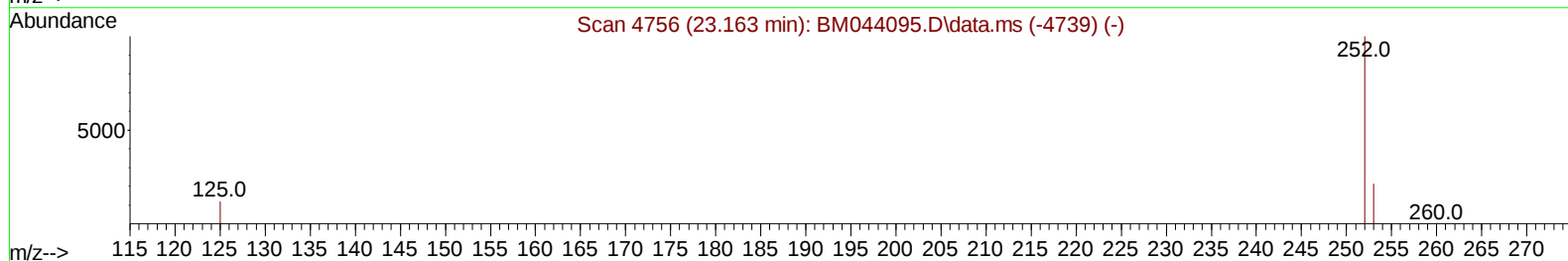
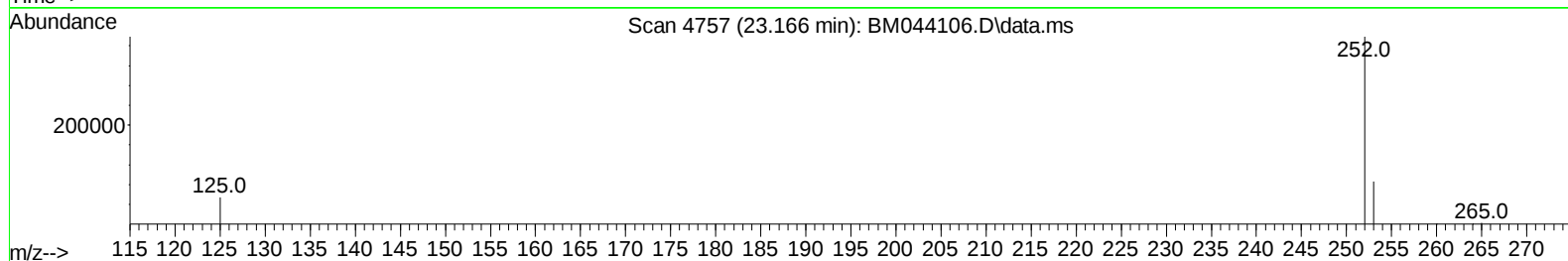
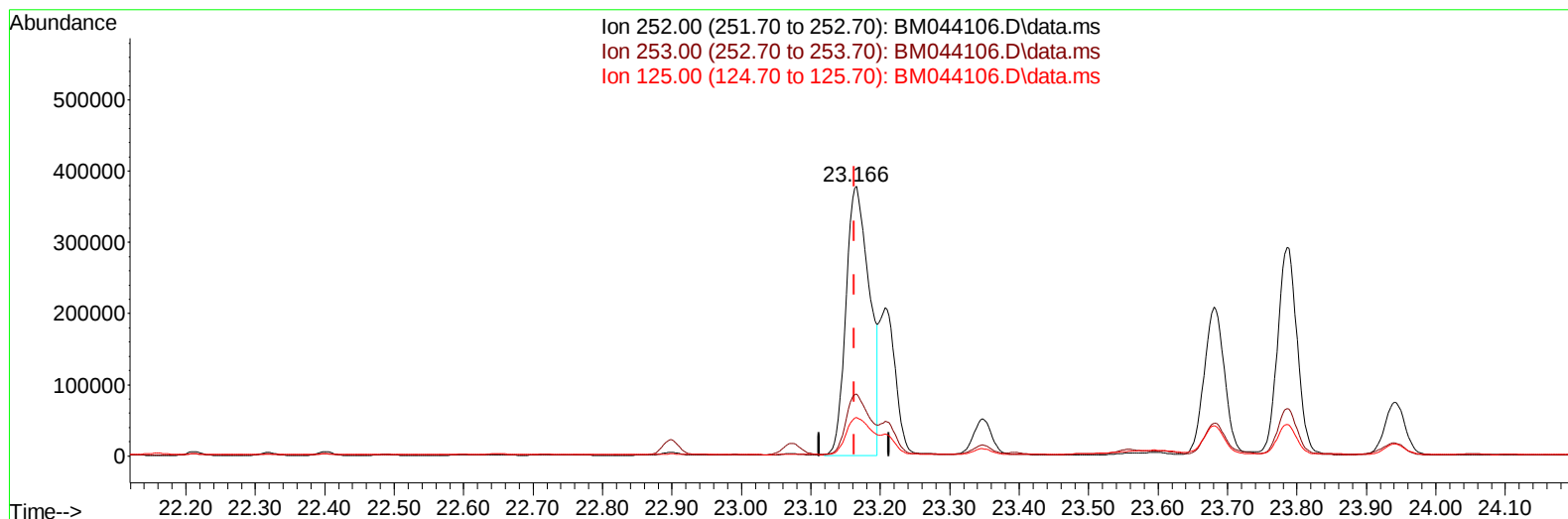
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(24) Benzo(b)fluoranthene

23.166min (+ 0.003) 9.36 ng/u1 m

response 886067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	22.94
125.00	14.10	14.28
0.00	0.00	0.00

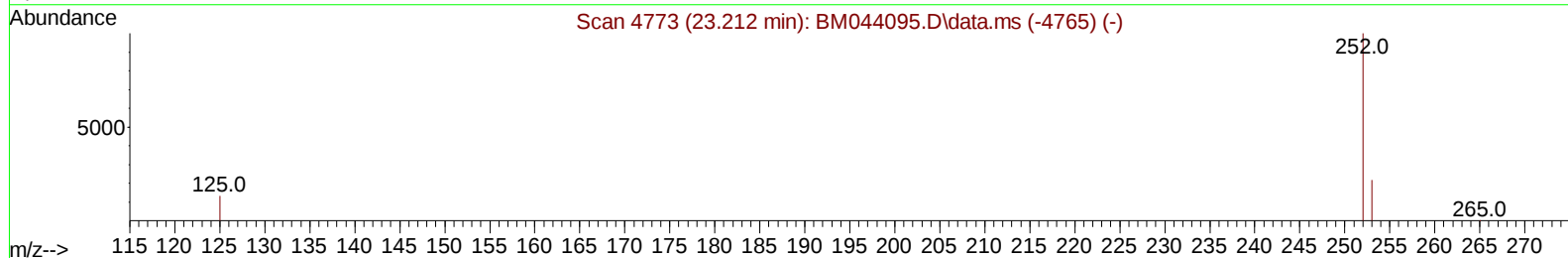
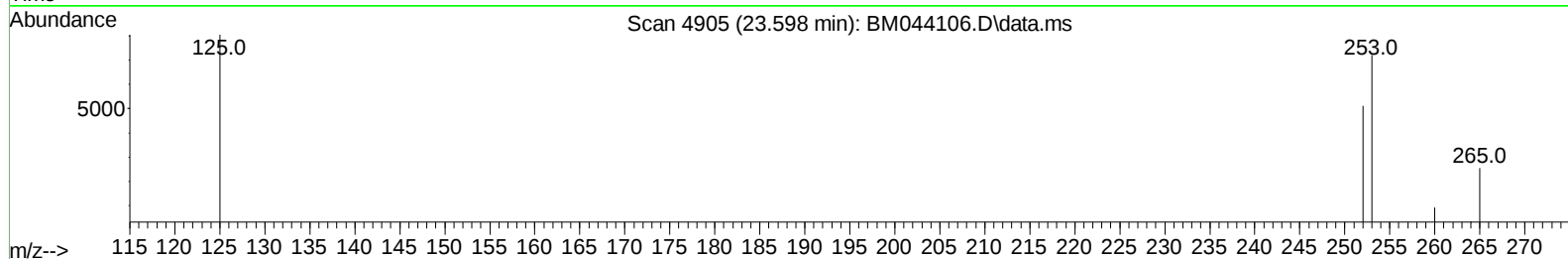
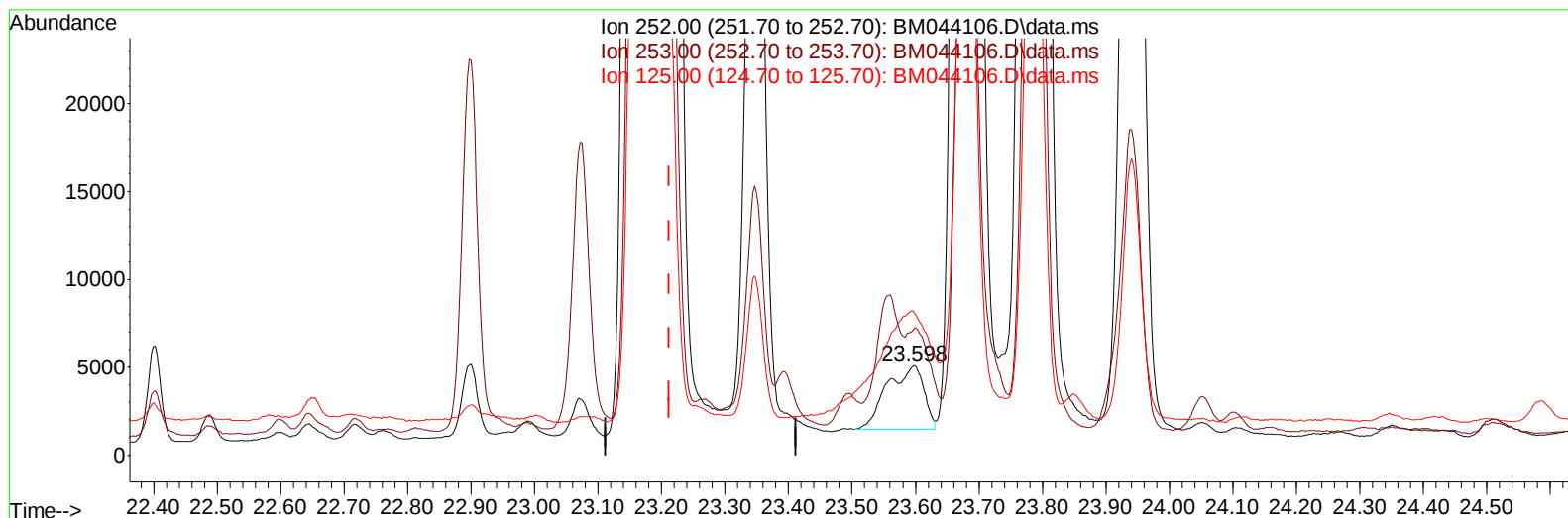
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(25) Benzo(k)fluoranthene

23.598min (+ 0.386) 0.14 ng/u1

response 14469

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	141.16#
125.00	15.40	157.30#
0.00	0.00	0.00

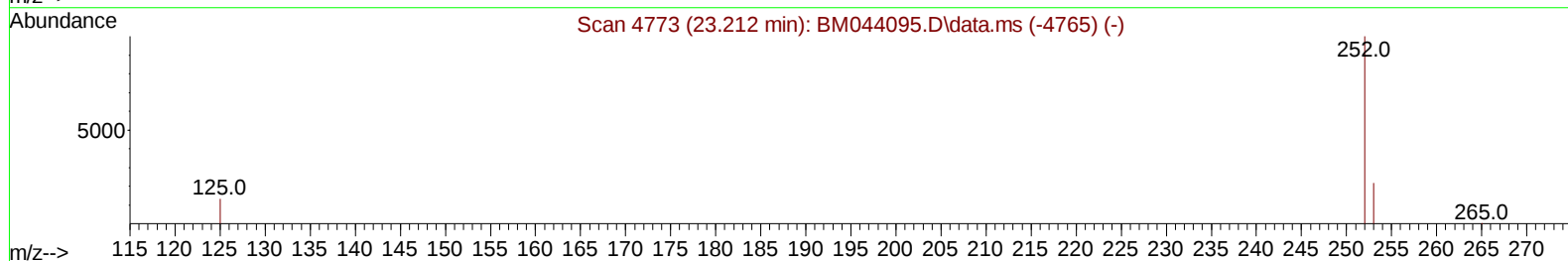
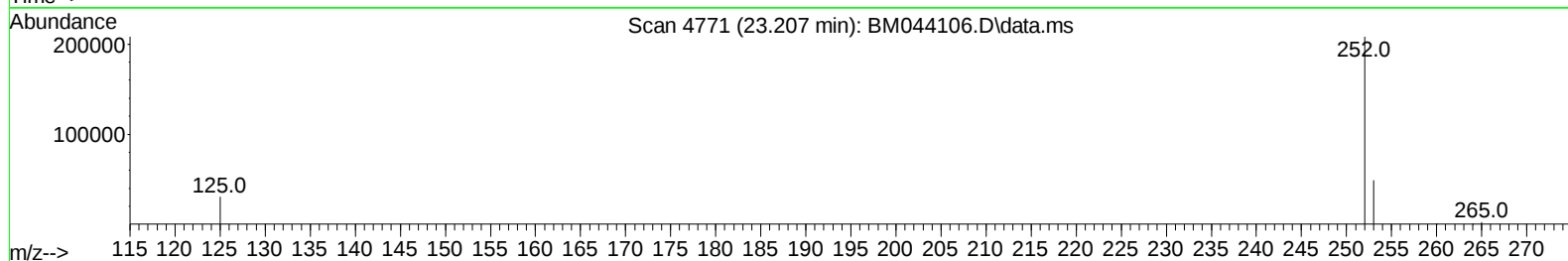
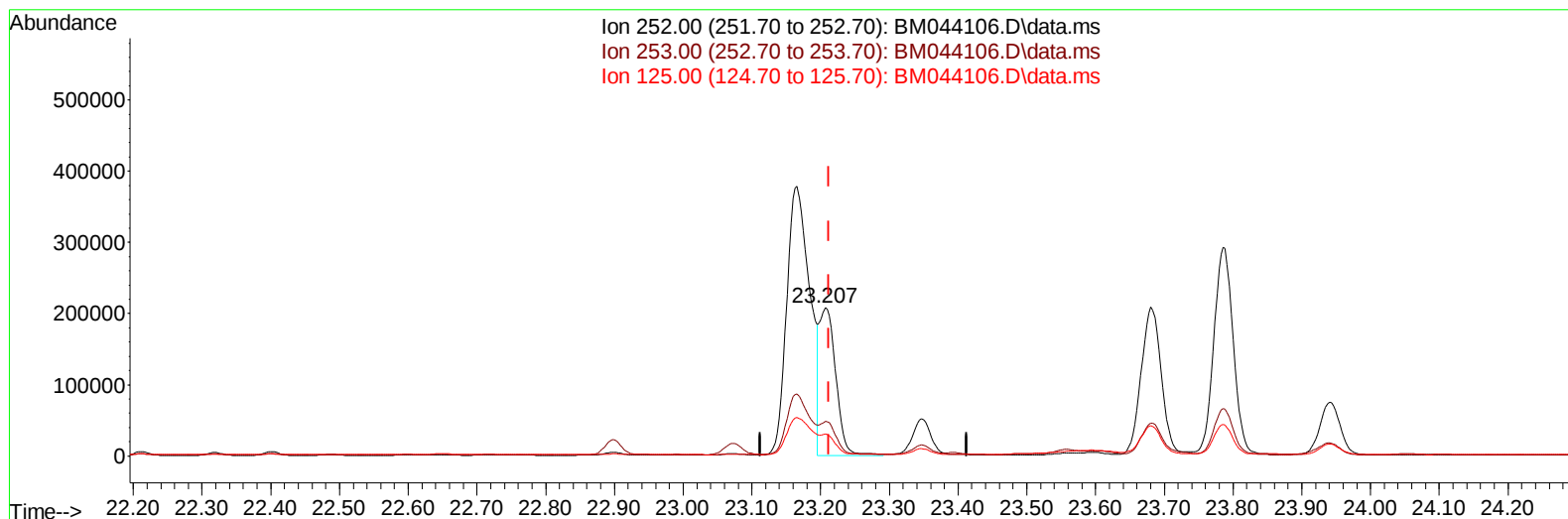
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(25) Benzo(k)fluoranthene

23.207min (-0.006) 3.34 ng/u1 m

response 343231

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.40
125.00	15.40	14.69
0.00	0.00	0.00

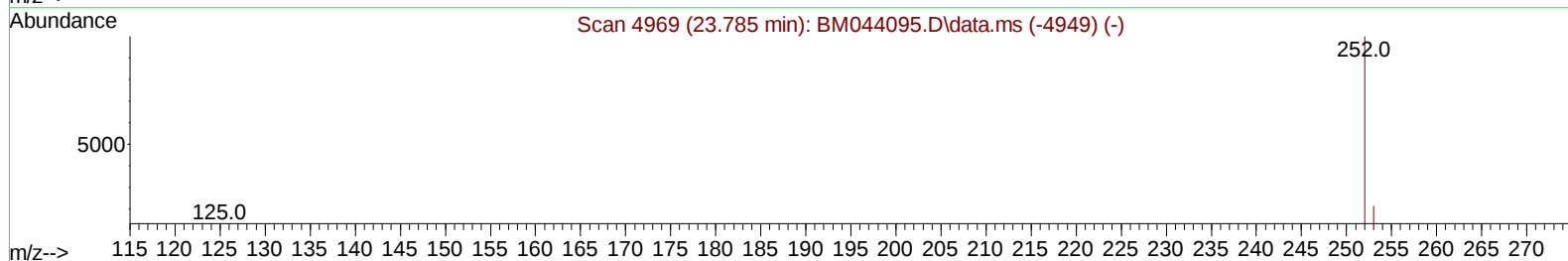
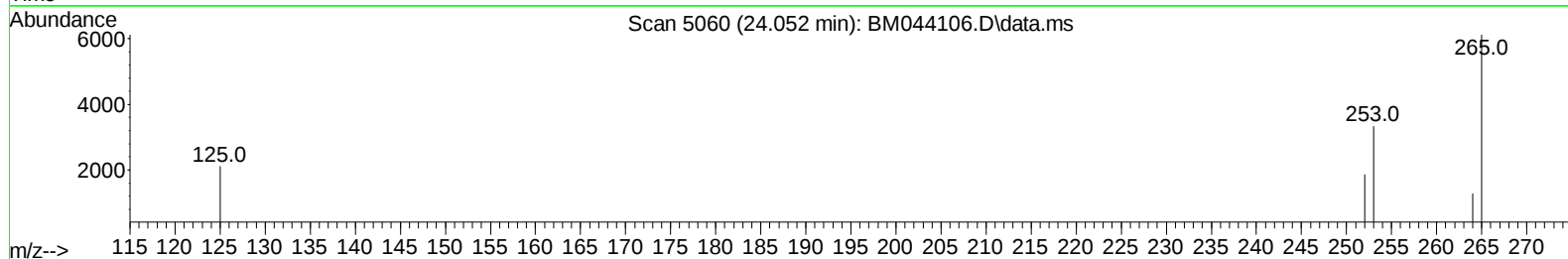
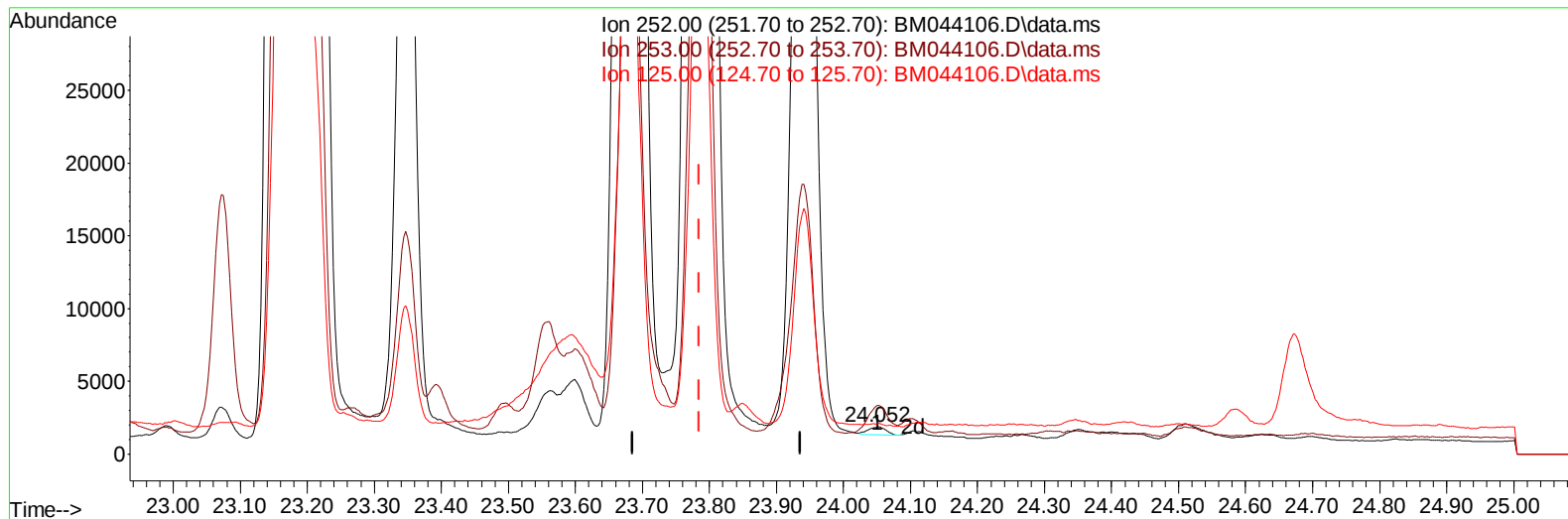
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(26) Benzo(a)pyrene (C)

24.052min (+ 0.266) 0.01 ng/u1

response 971

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	178.91#
125.00	16.60	112.79#
0.00	0.00	0.00

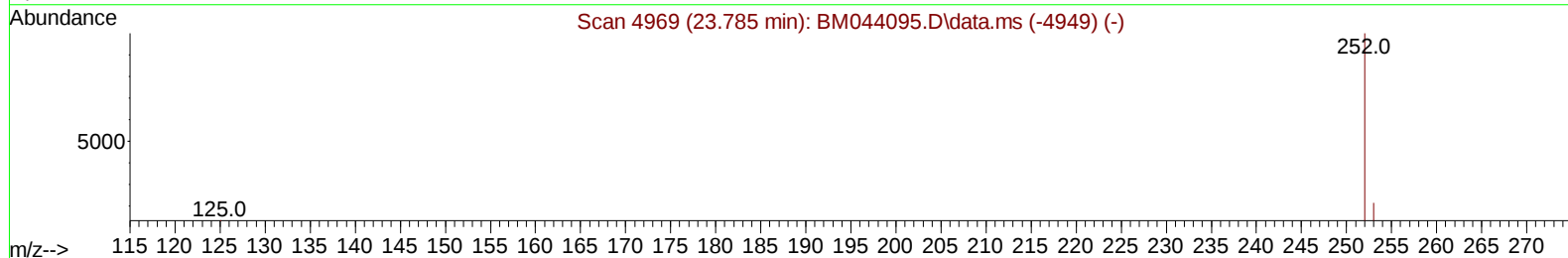
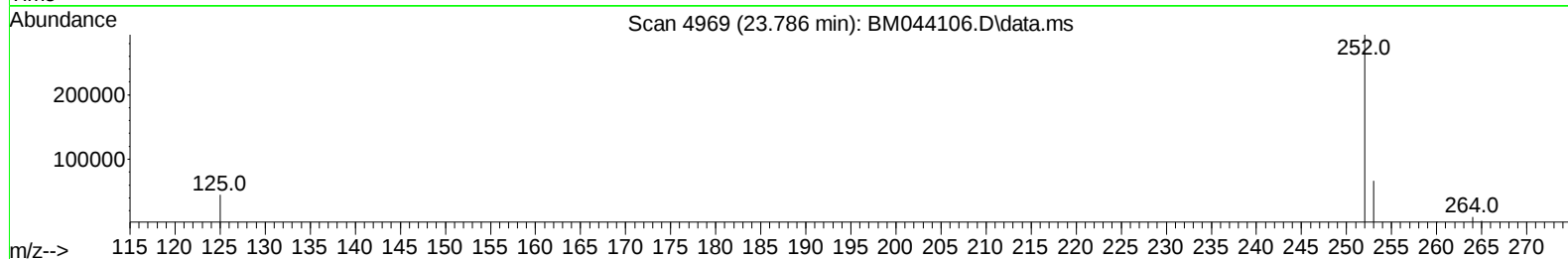
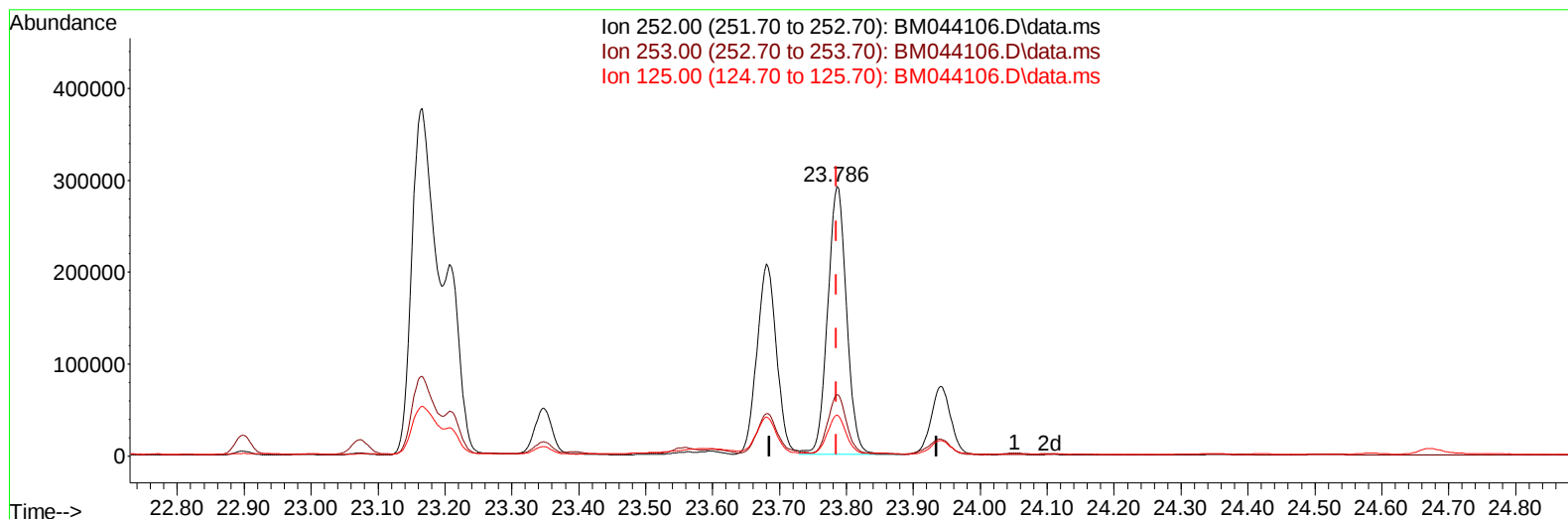
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(26) Benzo(a)pyrene (C)

23.786min (+ 0.000) 6.55 ng/u1 m

response 576347

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	22.70
125.00	16.60	15.22
0.00	0.00	0.00

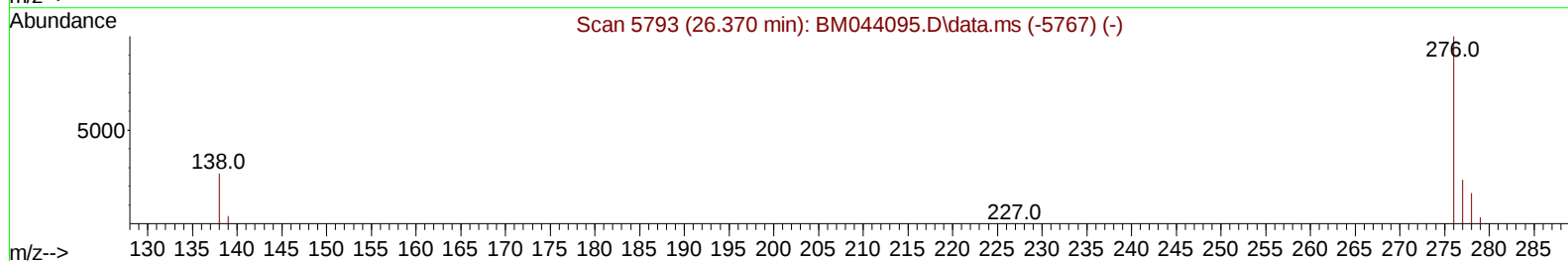
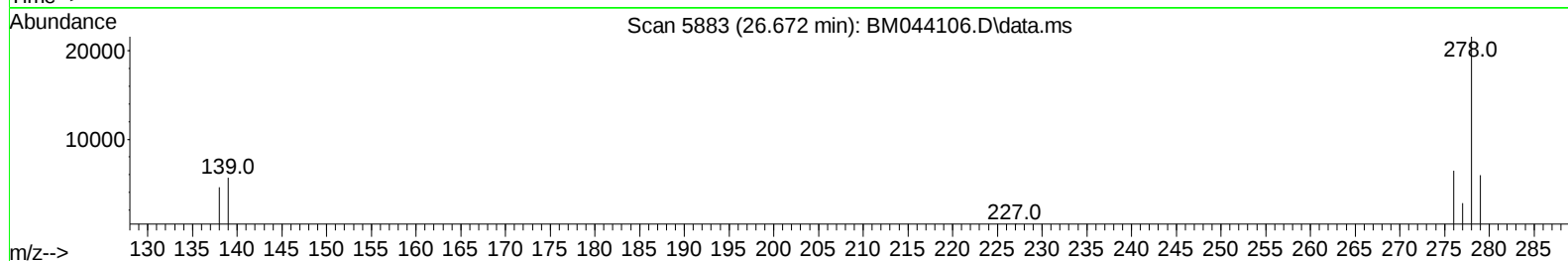
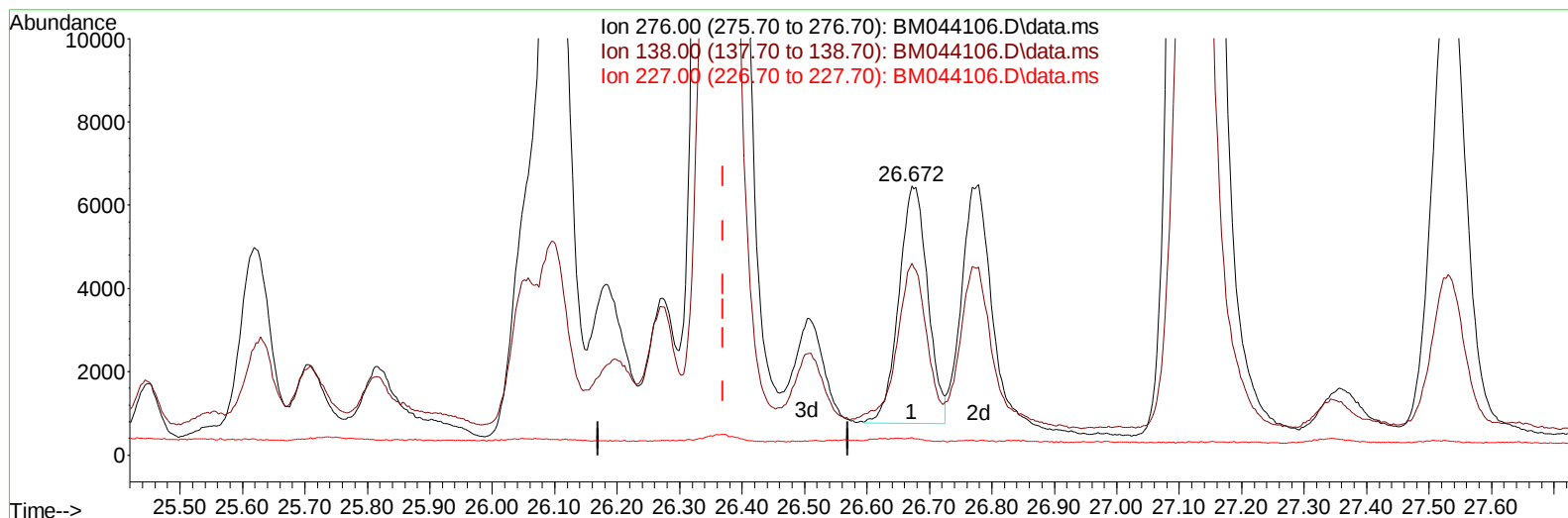
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

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

26.672min (+ 0.302) 0.16 ng/u1

response 18344

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	66.35#
227.00	0.10	2.26#
0.00	0.00	0.00

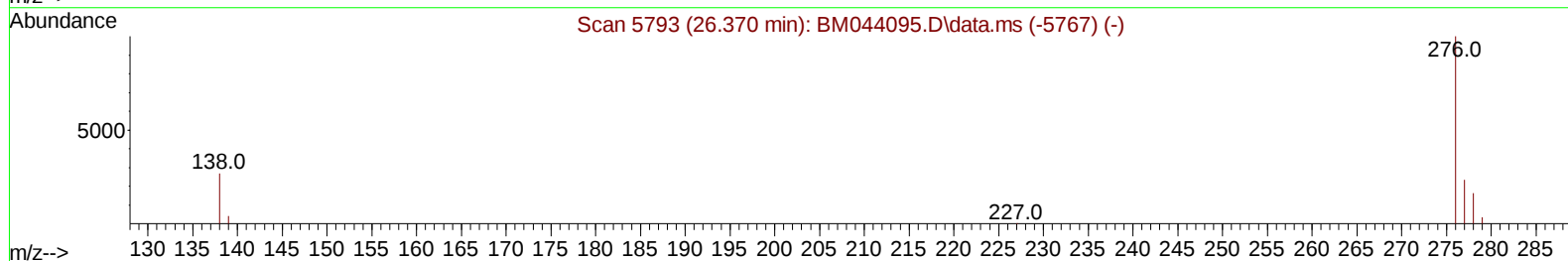
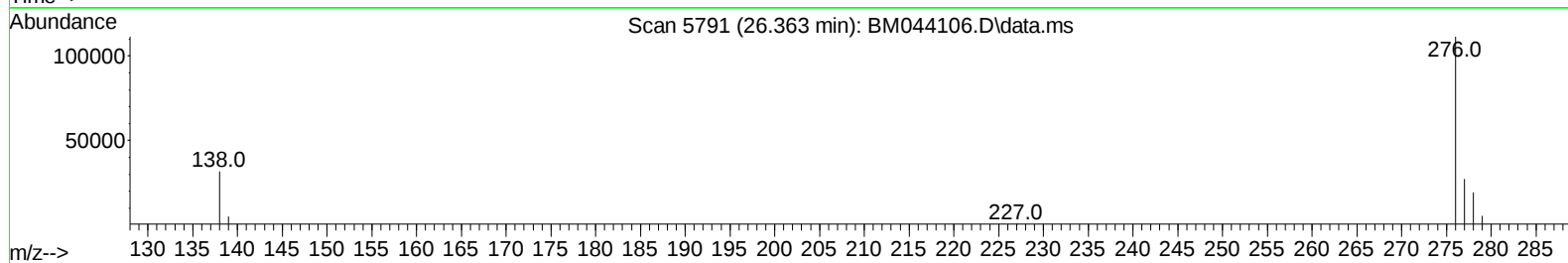
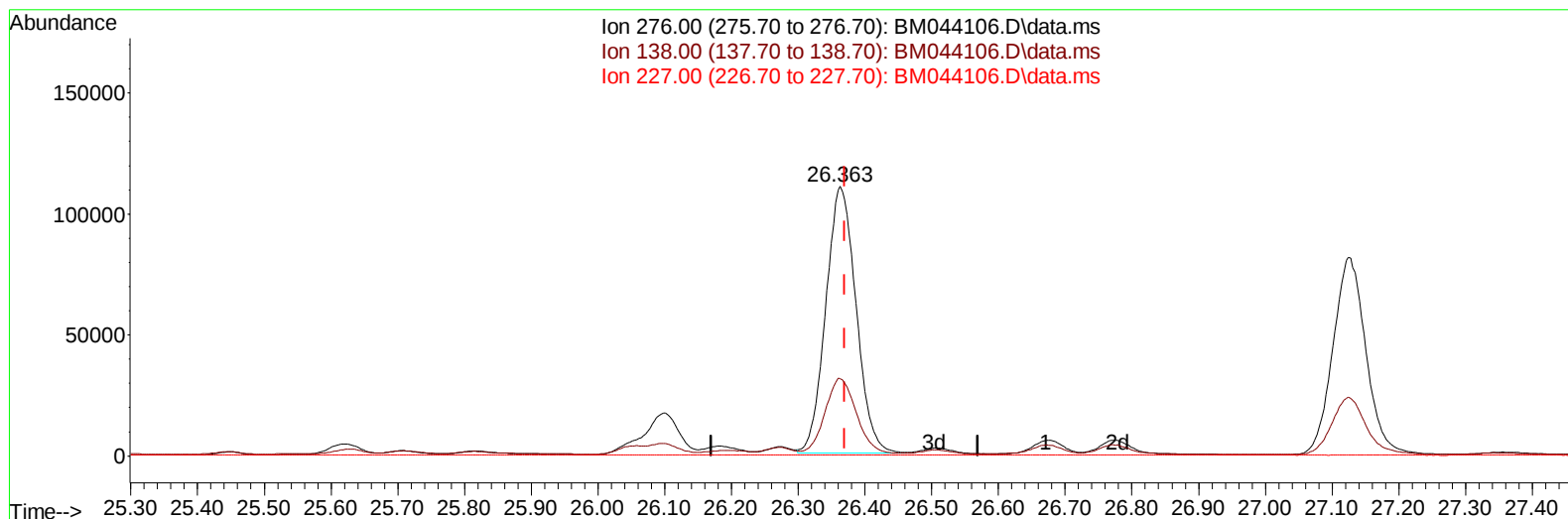
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

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

26.363min (-0.007) 3.09 ng/u1 m

response 346309

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	3.51#
227.00	0.10	0.12
0.00	0.00	0.00

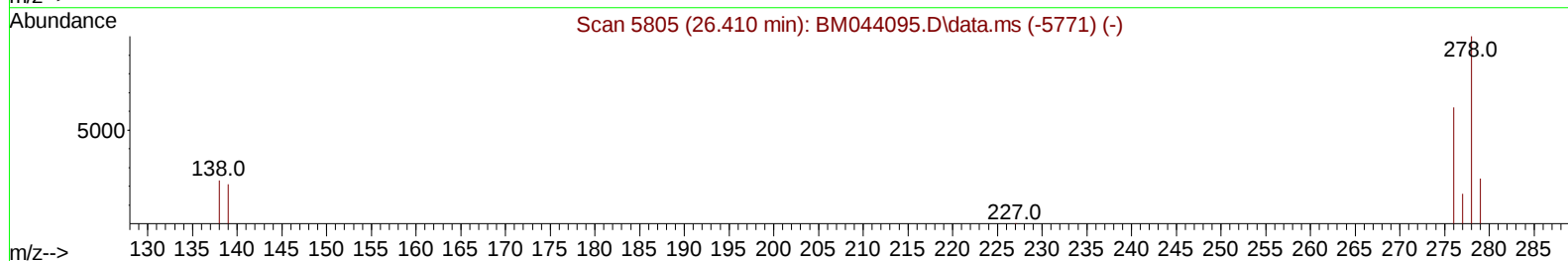
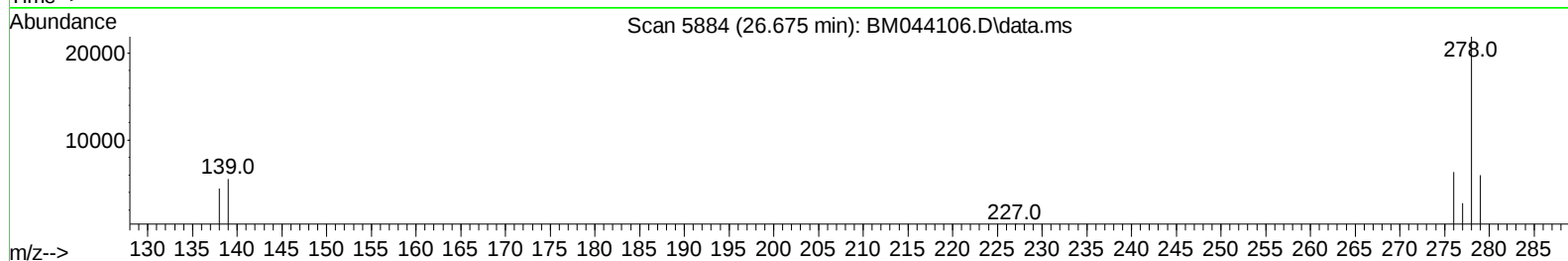
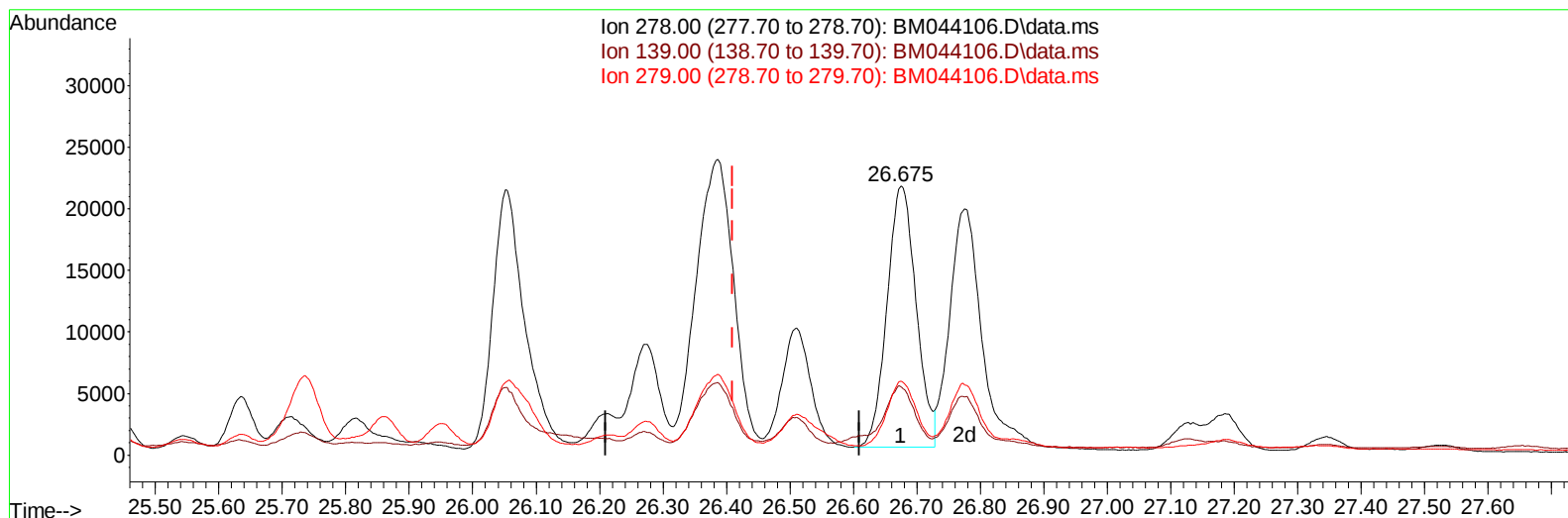
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(28) Dibenzo(a,h)anthracene

26.675min (+ 0.265) 0.77 ng/u1

response 68155

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	25.42
279.00	27.30	27.37
0.00	0.00	0.00

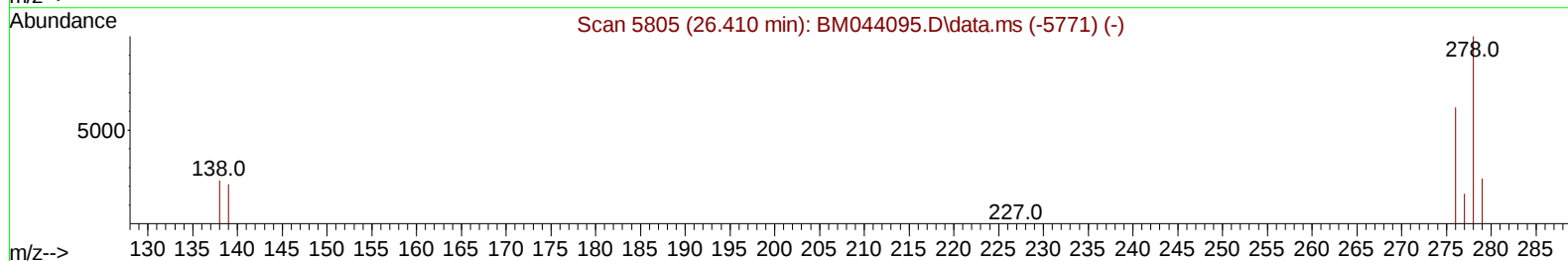
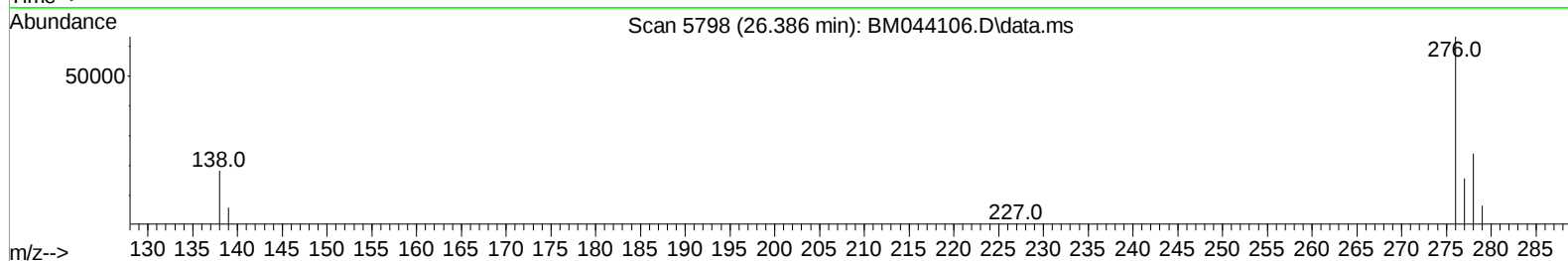
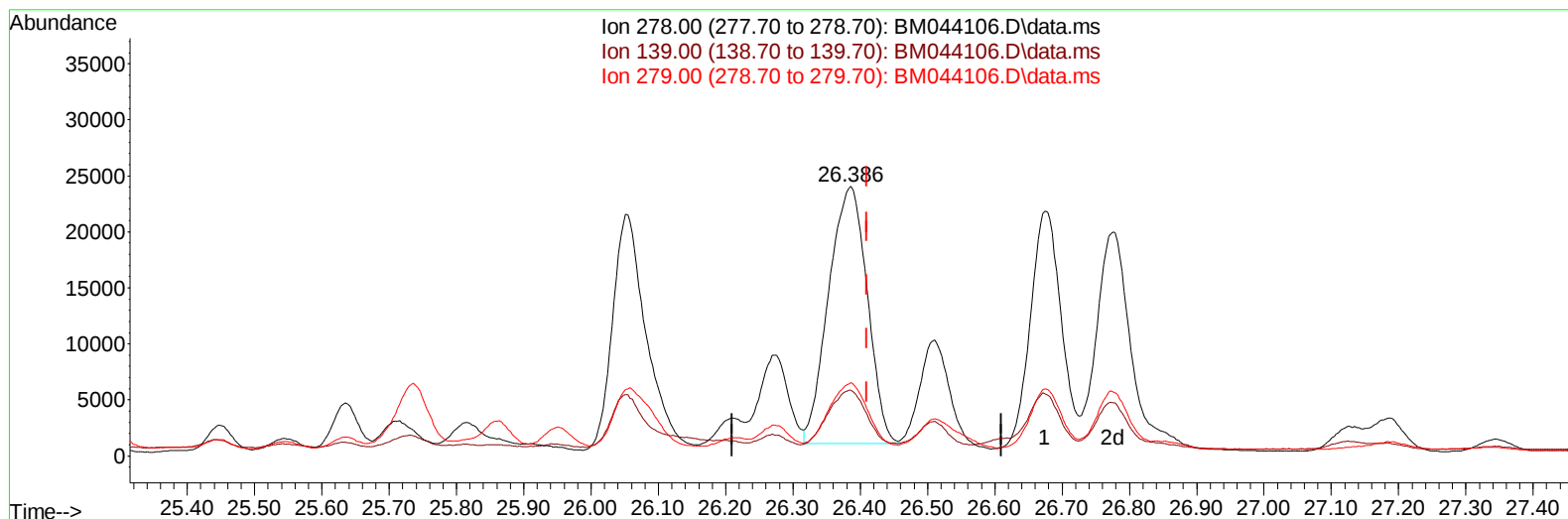
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

(28) Dibenzo(a,h)anthracene

26.386min (-0.023) 1.04 ng/u1 m

response 91425

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	24.53
279.00	27.30	27.35
0.00	0.00	0.00

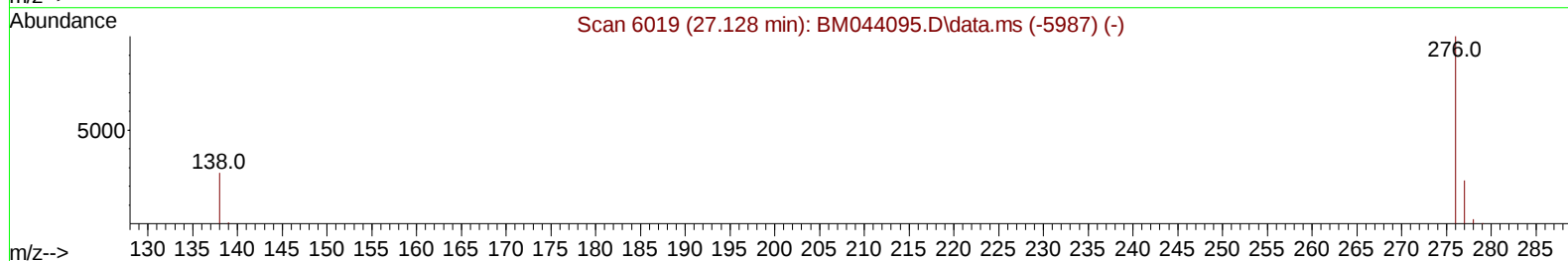
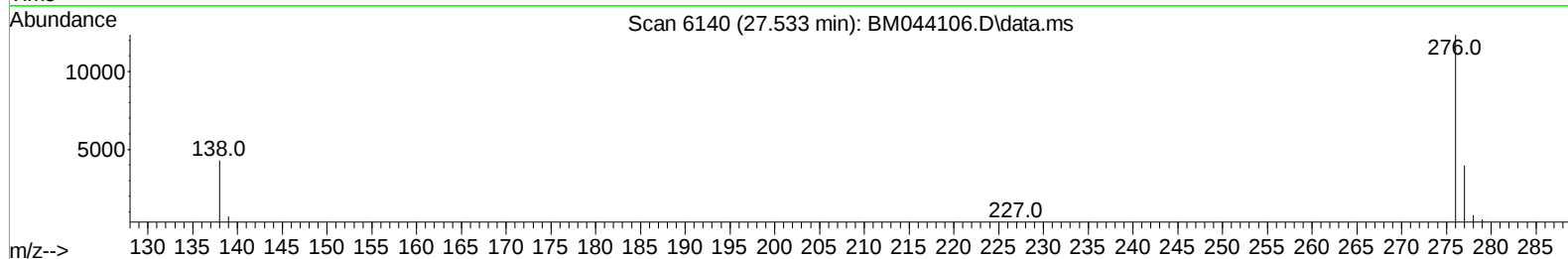
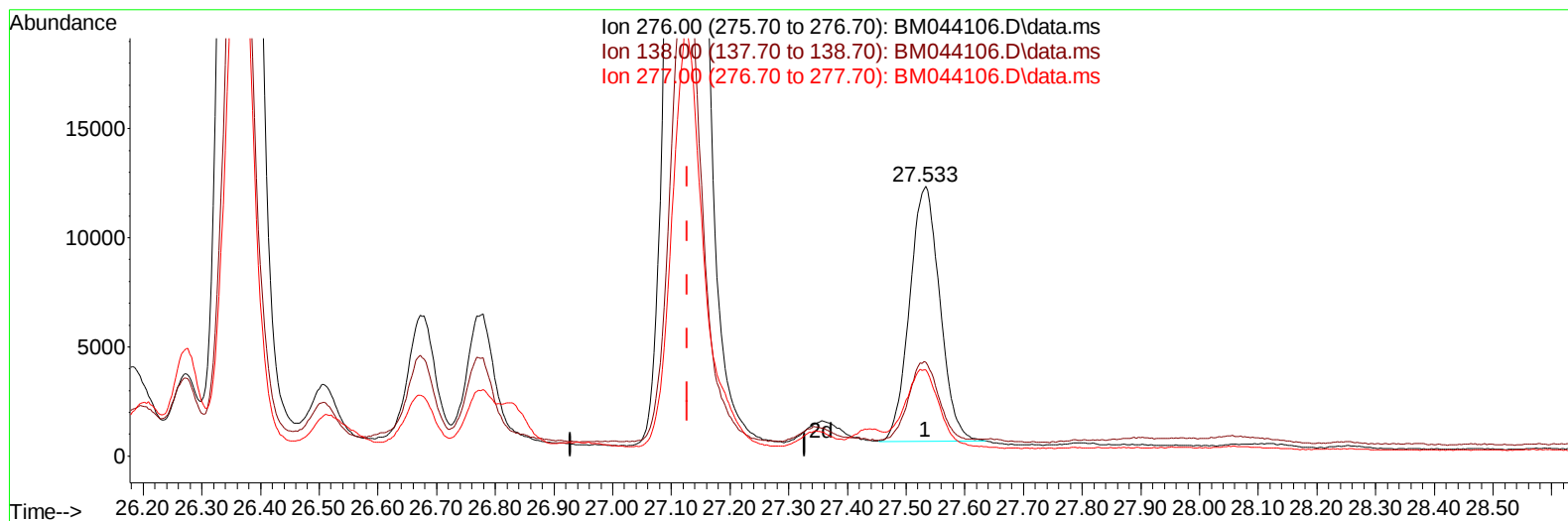
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 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 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

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

27.533min (+ 0.406) 0.42 ng/u1

response 41934

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	34.69#
277.00	23.80	32.06#
0.00	0.00	0.00

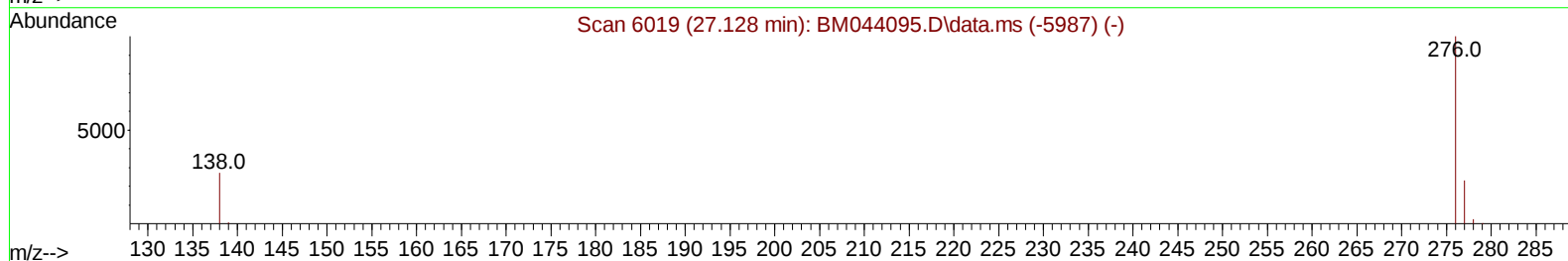
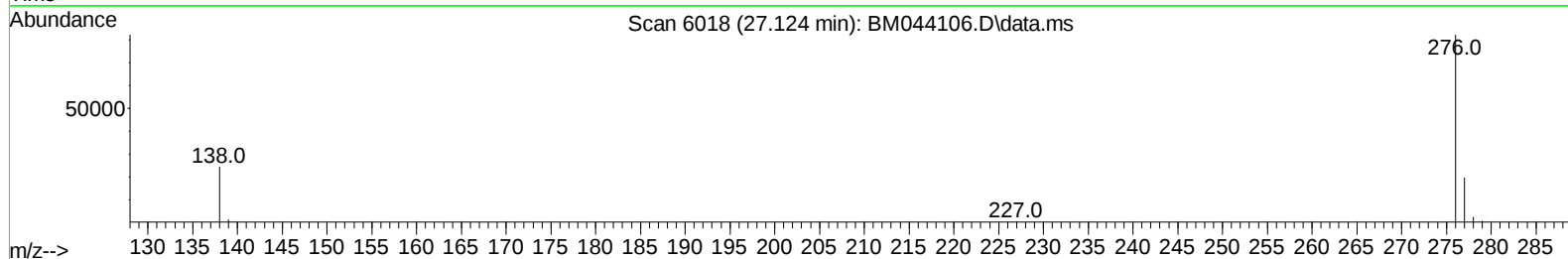
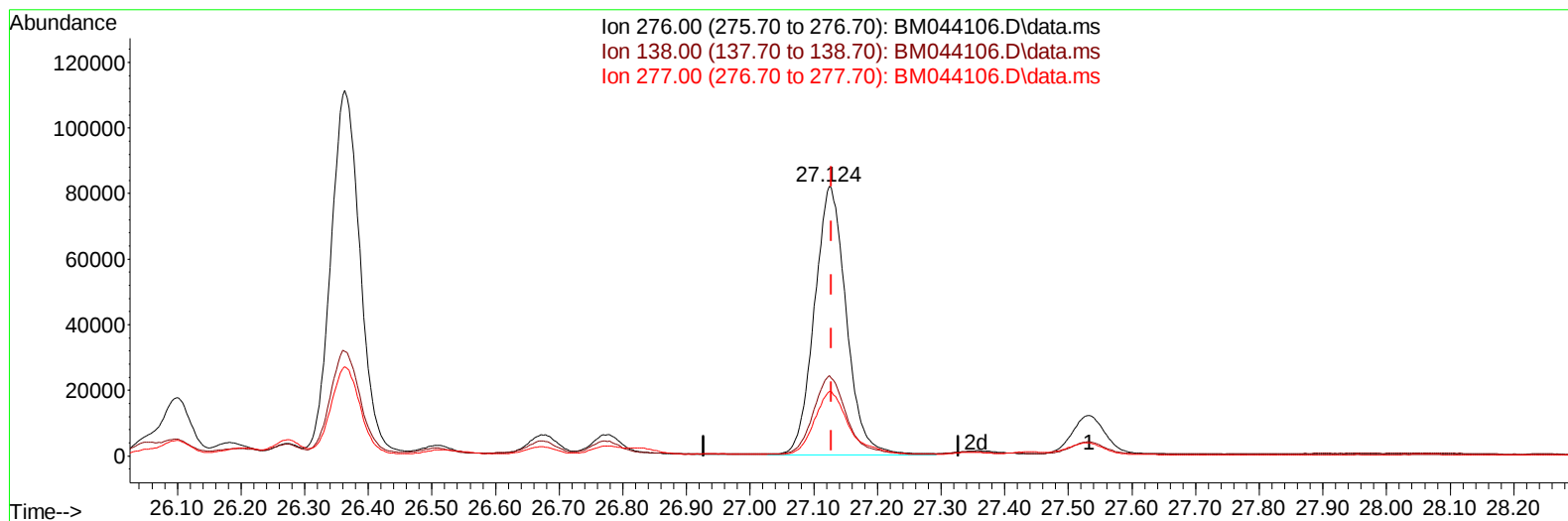
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044106.D
Acq On : 15 Feb 2024 17:56
Operator : MA/JU
Sample : P1329-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FL5

Manual IntegrationsAPPROVED

Quant Time: Feb 15 23:31:25 2024
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044106.D\data.ms

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

27.124min (-0.003) 2.88 ng/u1 m

response 285610

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	29.74
277.00	23.80	23.94
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044106.D
 Acq On : 15 Feb 2024 17:56
 Operator : MA/JU
 Sample : P1329-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 15 23:31:25 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	19343	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	10788	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23900m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	17101m	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	22941m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	37923	4.905	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	8881	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	23316m	0.457	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.754	128	1806	0.031	ng/ul#	78
7) 2-Methylnaphthalene	12.371	142	1261	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	1084	0.030	ng/ul	99
10) Acenaphthylene	14.265	152	2506	0.042	ng/ul#	84
11) Acenaphthene	14.607	153	15019	0.349	ng/ul	99
12) Fluorene	15.597	166	19612	0.405	ng/ul	99
14) Pentachlorophenol	16.942	266	496	0.058	ng/ul	95
15) Phenanthrene	17.339	178	568507m	7.505	ng/ul	
16) Anthracene	17.431	178	94670	1.263	ng/ul	99
19) Fluoranthene	19.359	202	1462701m	18.761	ng/ul	
20) Pyrene	19.726	202	1260993	15.380	ng/ul	97
21) Benzo(a)anthracene	21.479	228	705333m	9.006	ng/ul	
22) Chrysene	21.535	228	694366m	8.223	ng/ul	
24) Benzo(b)fluoranthene	23.166	252	886067m	9.359	ng/ul	
25) Benzo(k)fluoranthene	23.207	252	343231m	3.340	ng/ul	
26) Benzo(a)pyrene	23.786	252	576347m	6.549	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276	346309m	3.091	ng/ul	
28) Dibenzo(a,h)anthracene	26.386	278	91425m	1.036	ng/ul	
29) Benzo(g,h,i)perylene	27.124	276	285610m	2.882	ng/ul	

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

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