

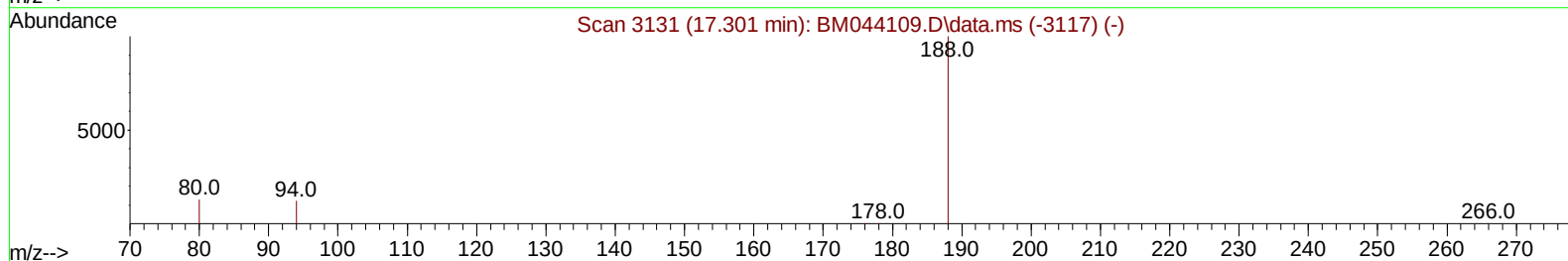
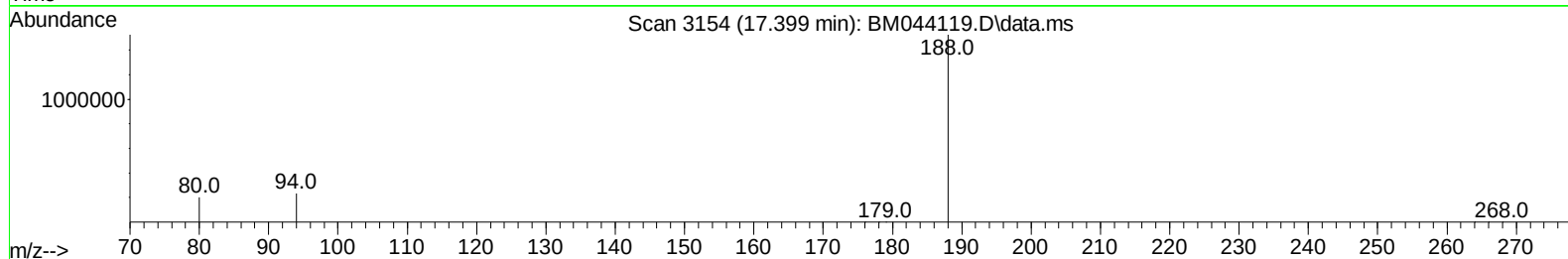
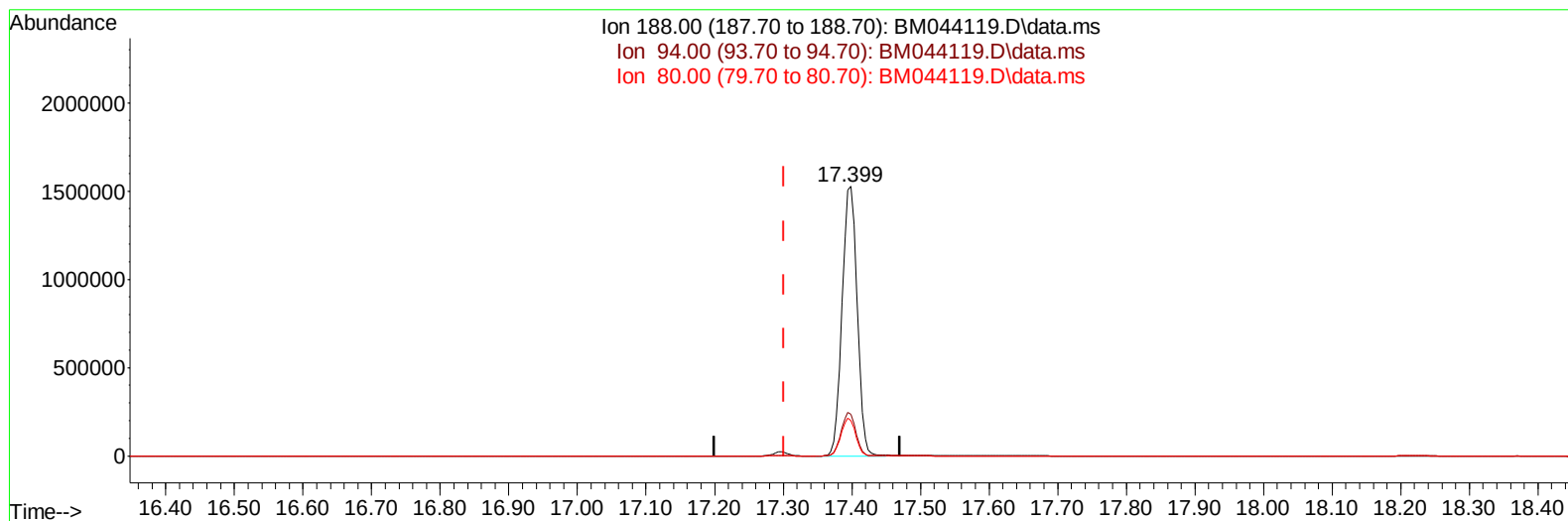
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(13) Phenanthrene-d10 (I)

17.399min (+ 0.098) 0.40 ng/u1

response 2321288

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.36#
80.00	13.40	13.11
0.00	0.00	0.00

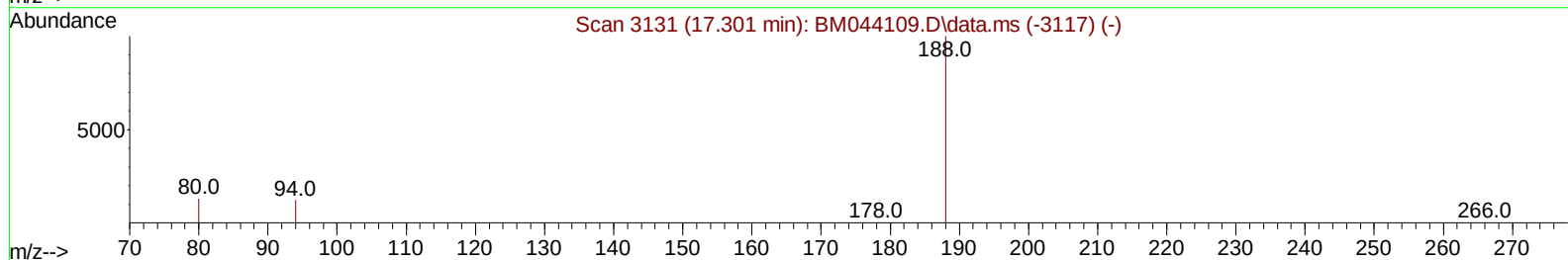
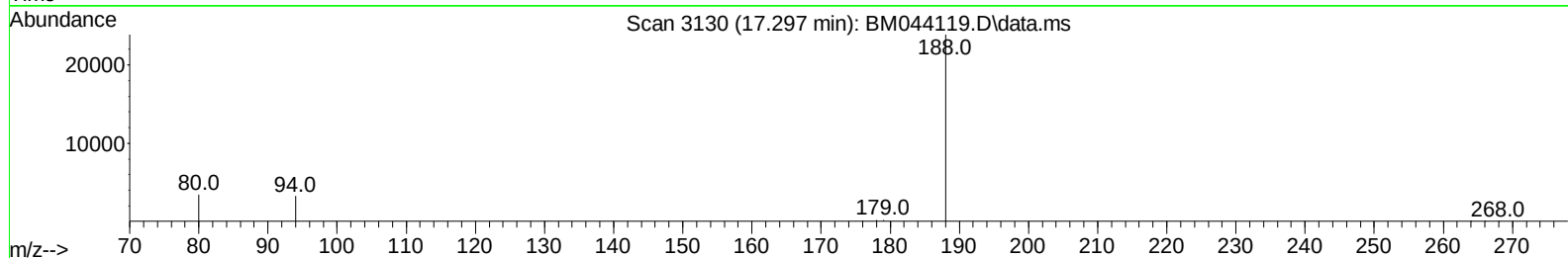
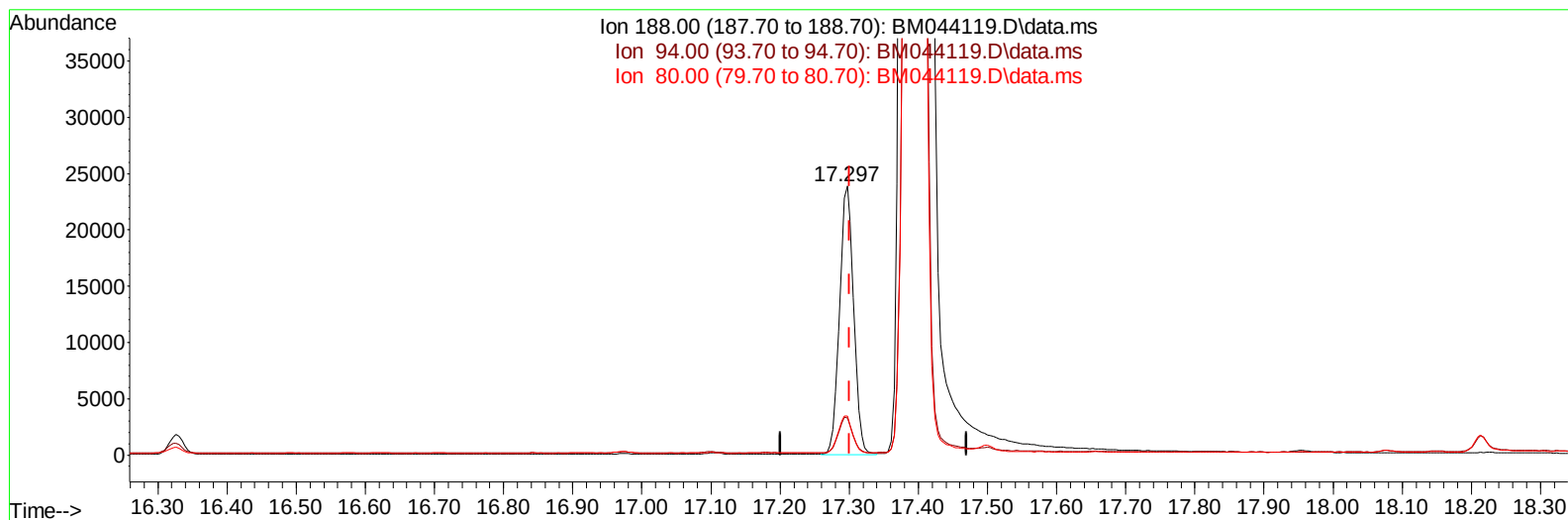
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(13) Phenanthrene-d10 (I)

17.297min (-0.003) 0.40 ng/ul m

response 33985

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	13.76
80.00	13.40	14.41
0.00	0.00	0.00

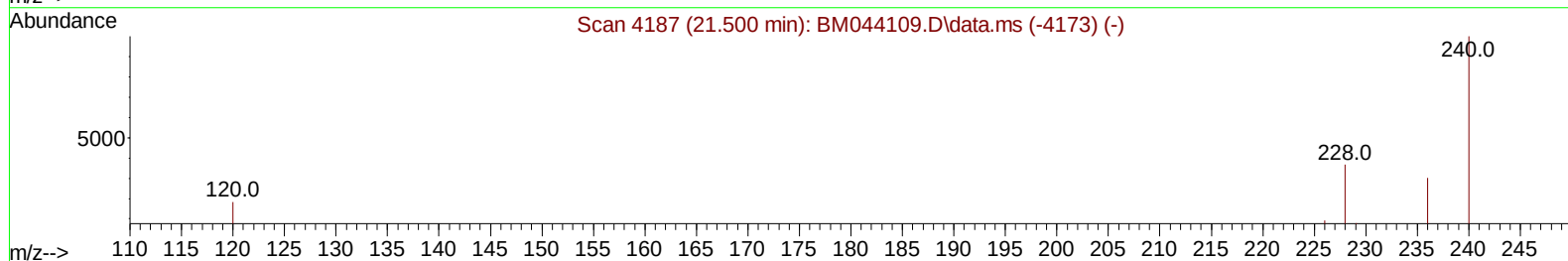
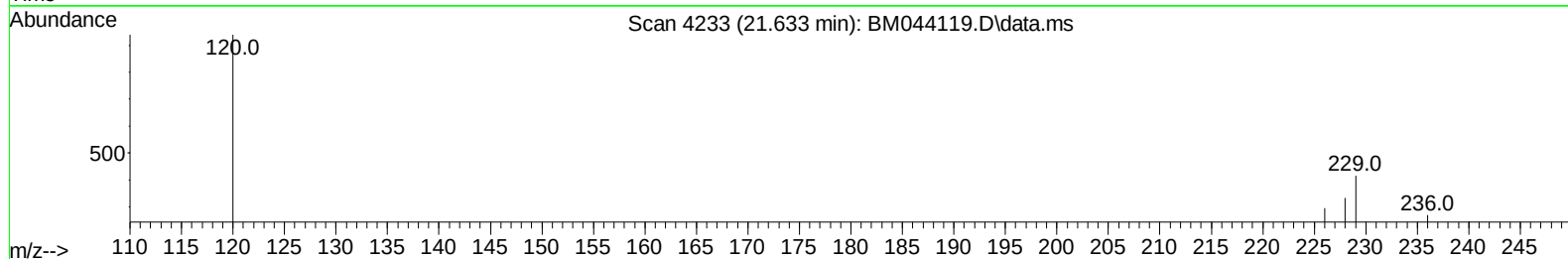
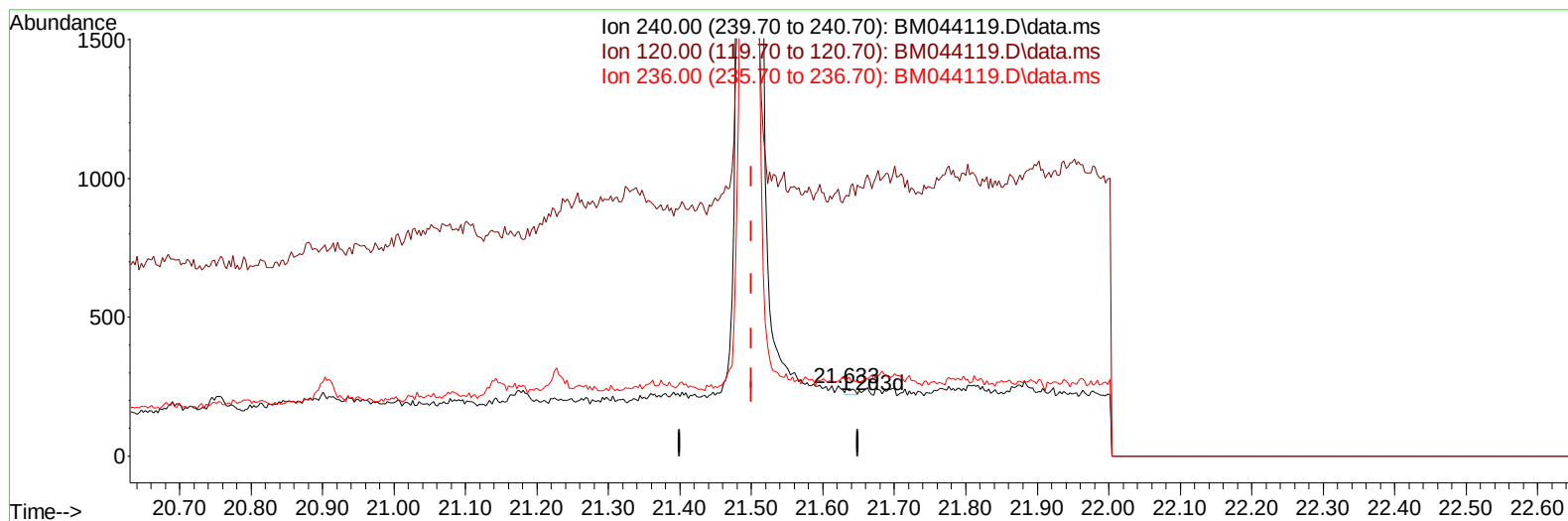
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 02/17/2024
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TIC: BM044119.D\data.ms

(17) Chrysene-d12

21.633min (+ 0.134) 0.40 ng/u1

response 15

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	384.84#
236.00	30.60	111.07#
0.00	0.00	0.00

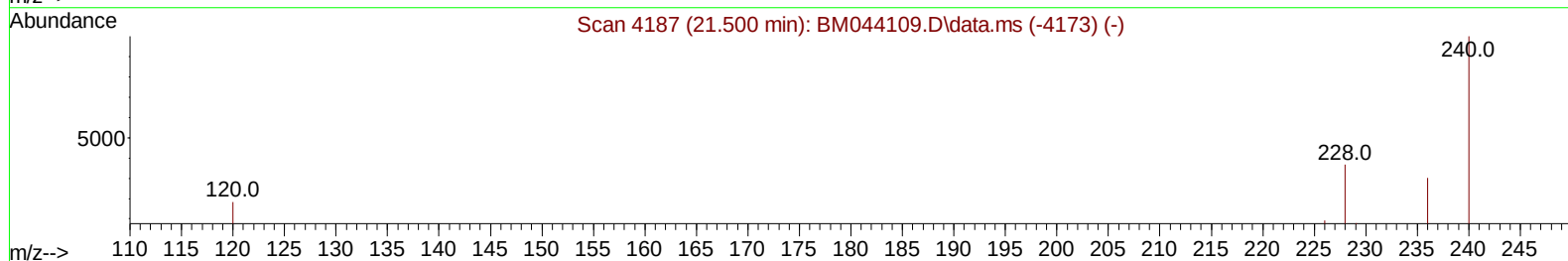
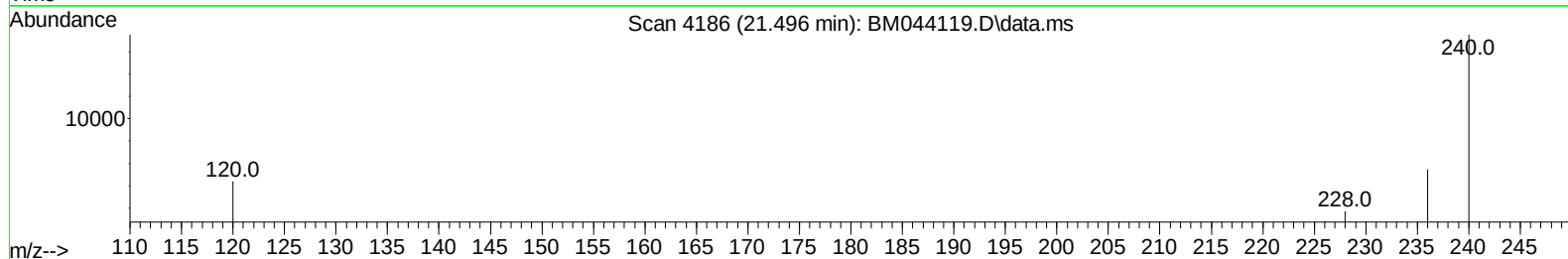
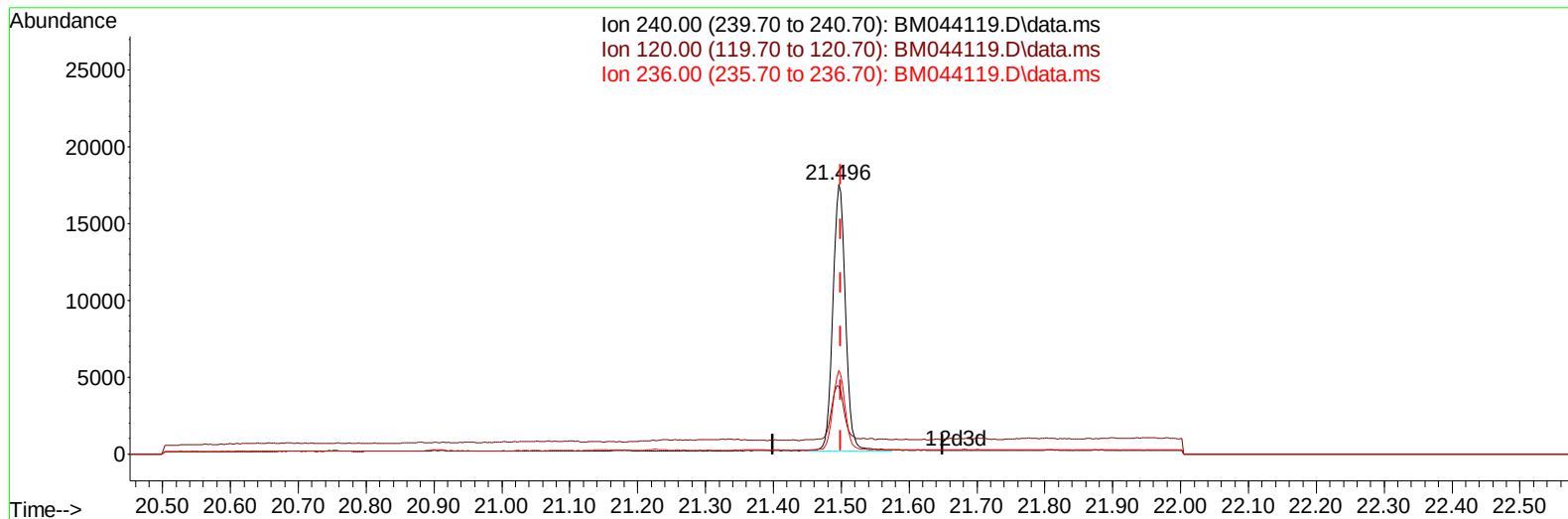
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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
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TIC: BM044119.D\data.ms

(17) Chrysene-d12

21.496min (-0.004) 0.40 ng/ul m

response 22480

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	25.03#
236.00	30.60	31.04
0.00	0.00	0.00

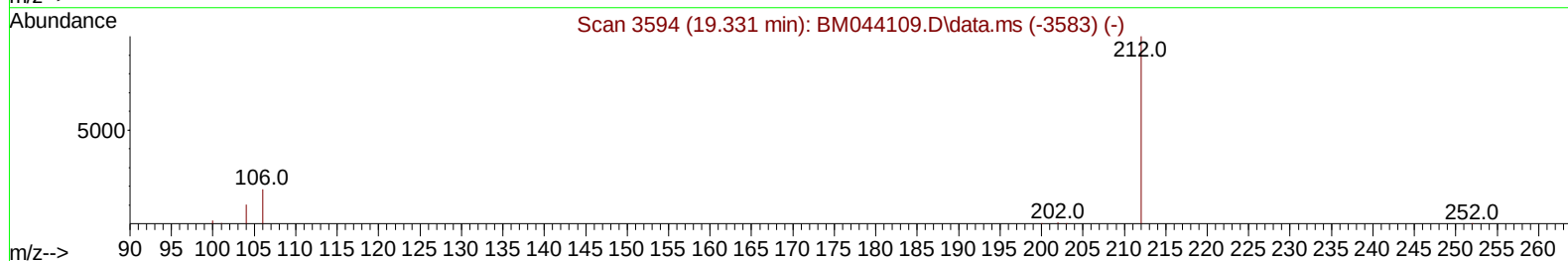
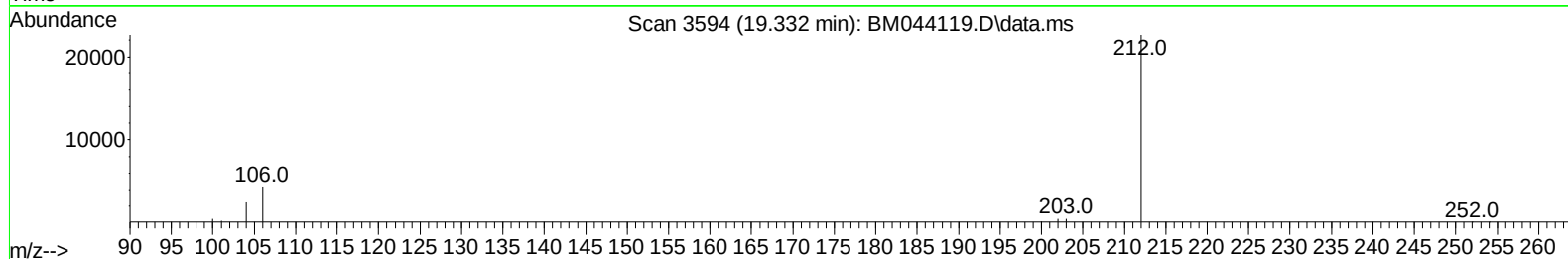
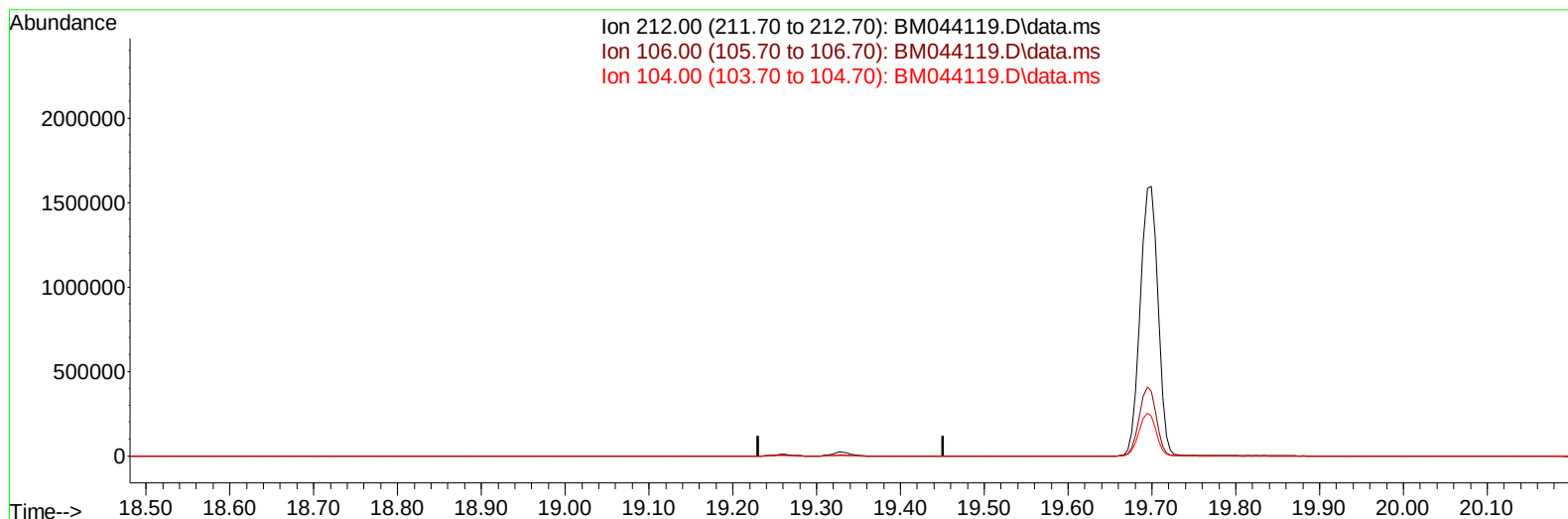
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
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TIC: BM044119.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.331min (-19.331) 0.00 ng/u1

response 0

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

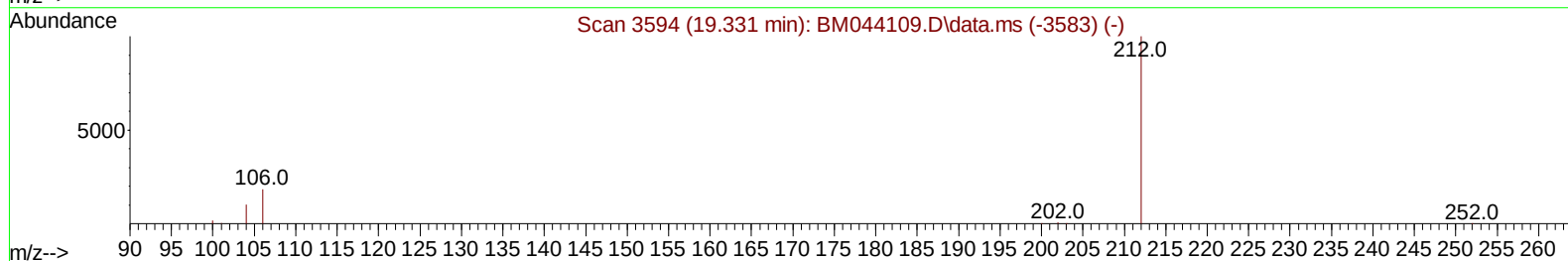
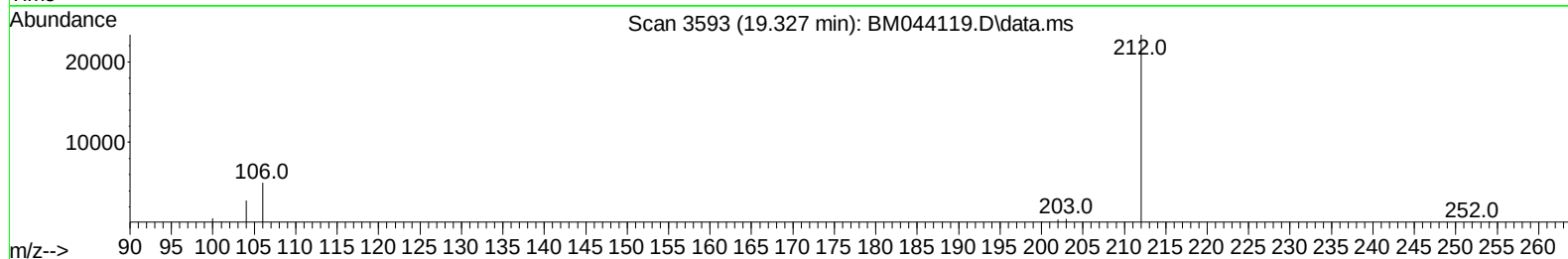
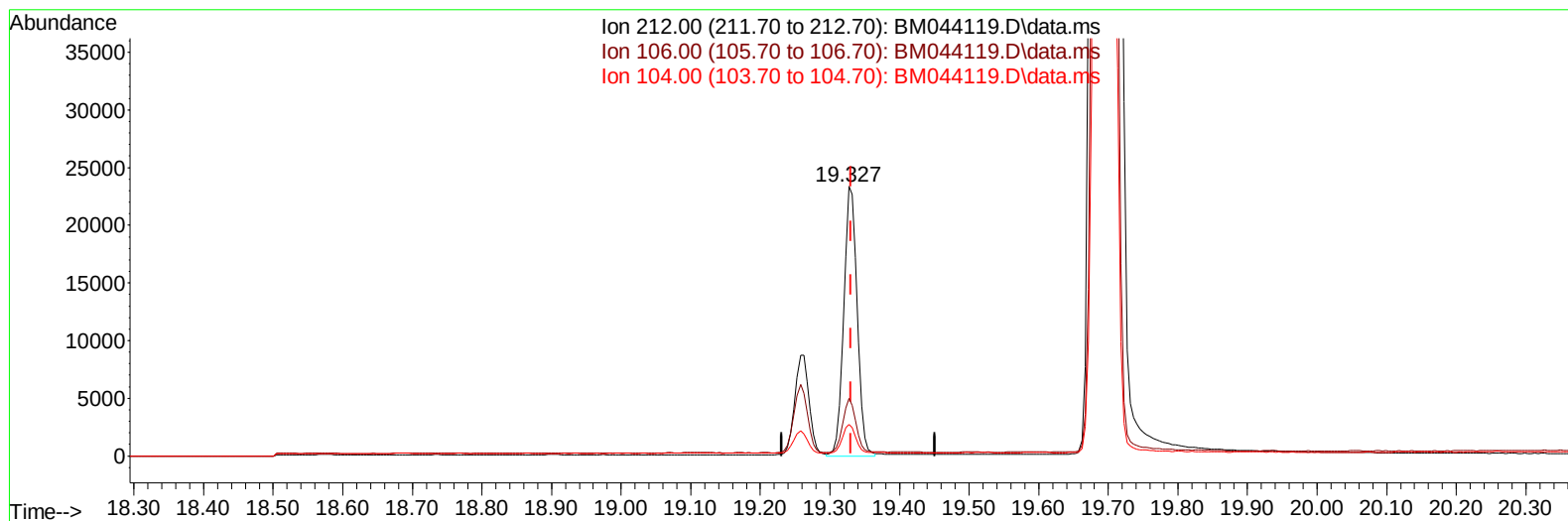
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.327min (-0.004) 0.47 ng/ul m

response 31805

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

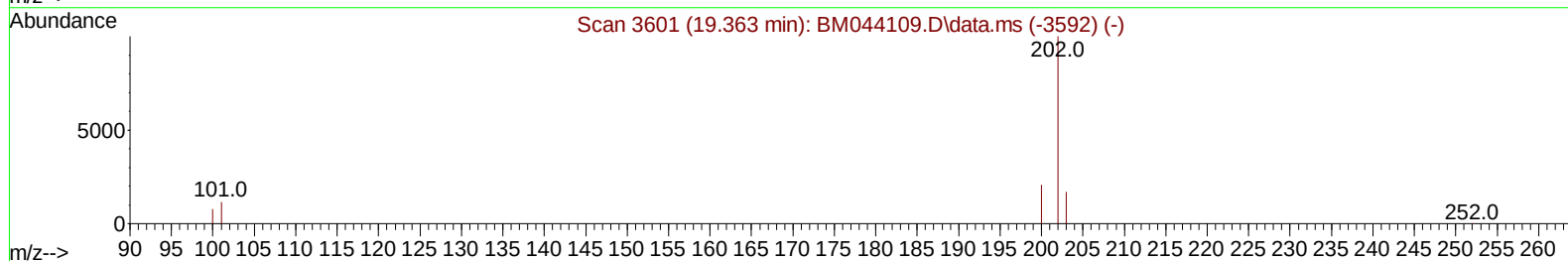
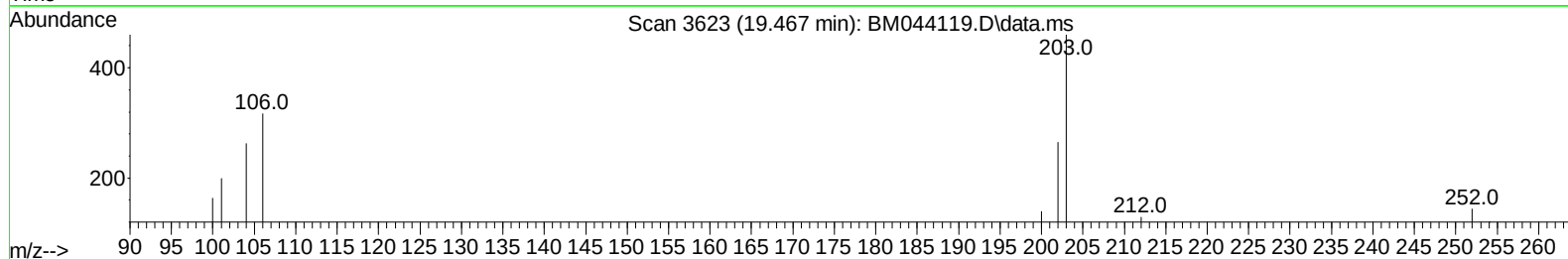
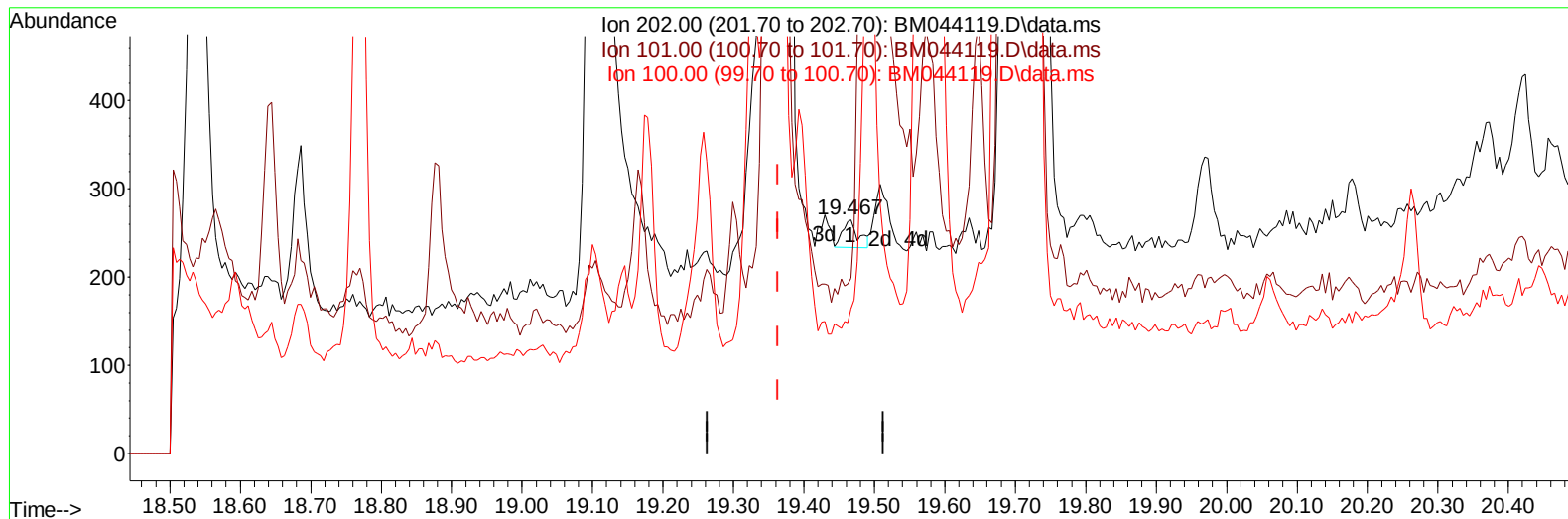
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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
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TIC: BM044119.D\data.ms

(19) Fluoranthene (C)

19.467min (+ 0.103) 0.00 ng/u1

response 49

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	75.09#
100.00	8.70	61.89#
0.00	0.00	0.00

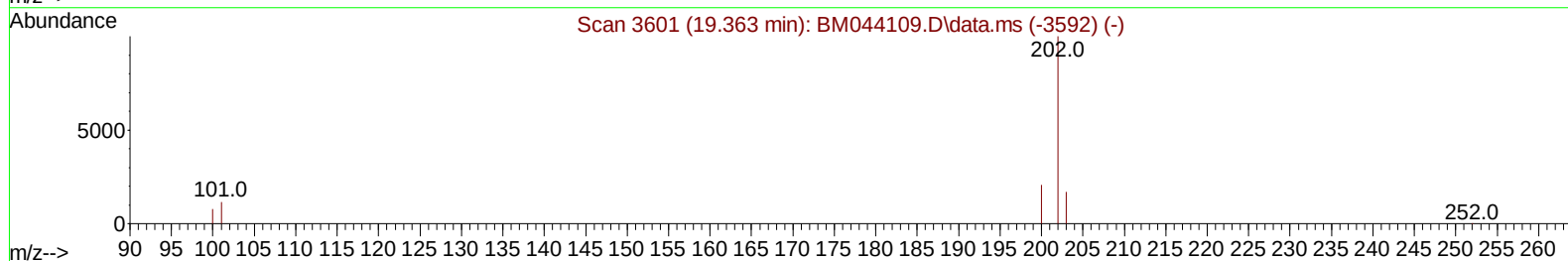
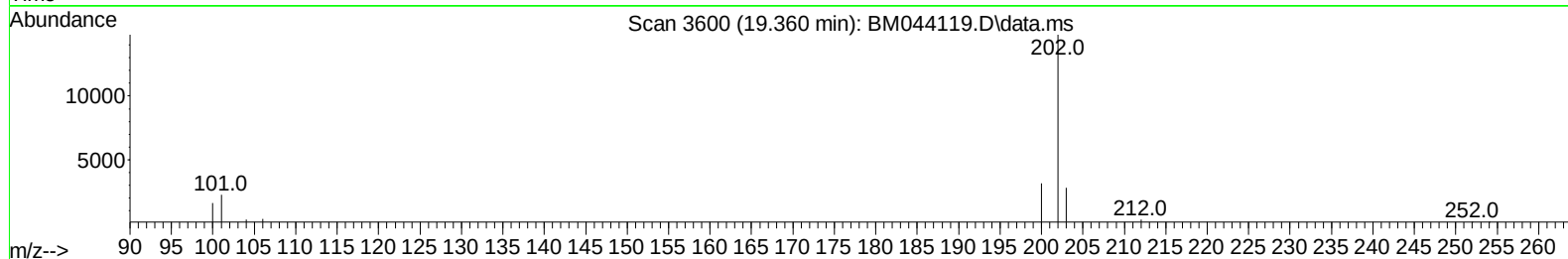
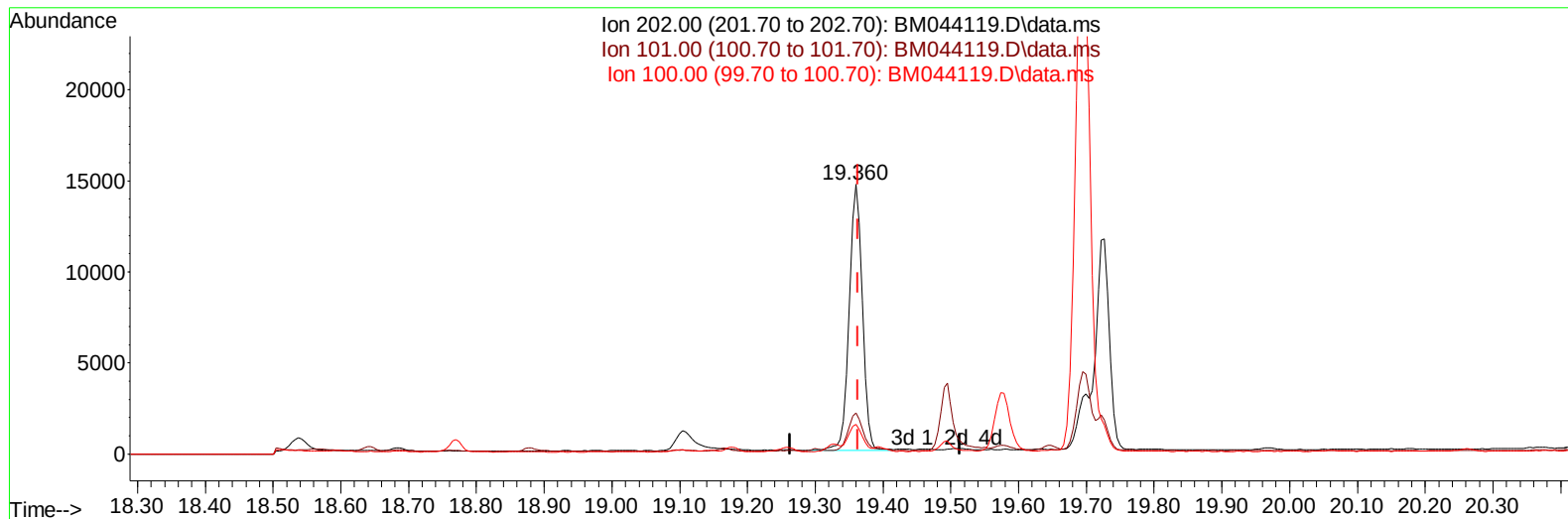
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(19) Fluoranthene (C)

19.360min (-0.004) 0.19 ng/ul m

response 19613

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	15.23#
100.00	8.70	10.98#
0.00	0.00	0.00

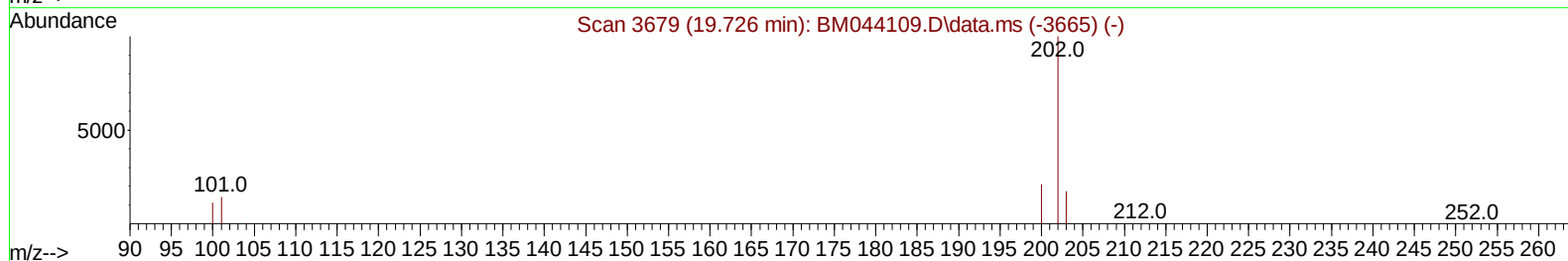
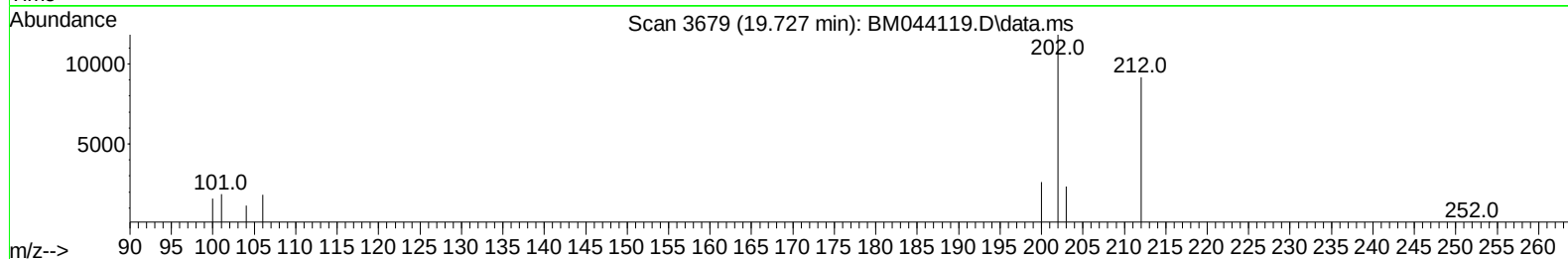
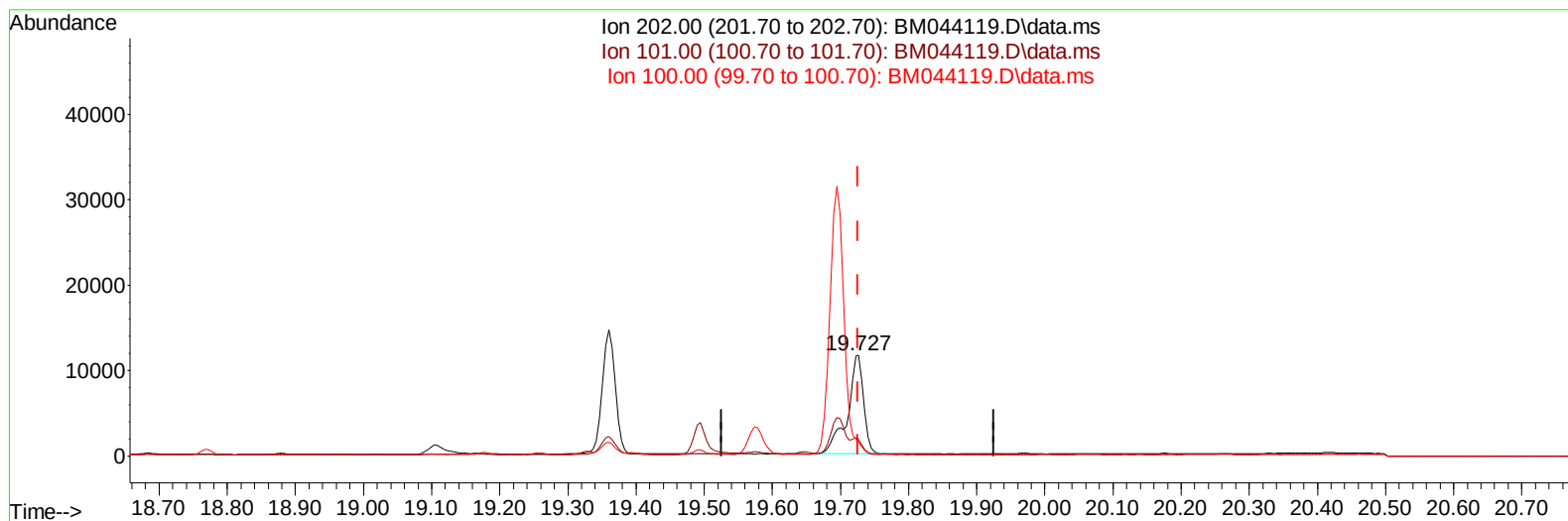
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
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TIC: BM044119.D\data.ms

(20) Pyrene

19.727min (+ 0.001) 0.18 ng/u1

response 19589

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	15.87
100.00	10.80	13.39#
0.00	0.00	0.00

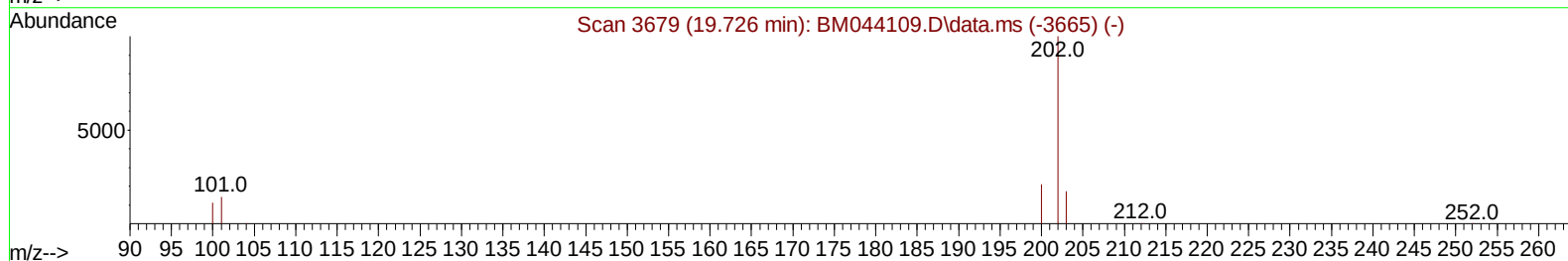
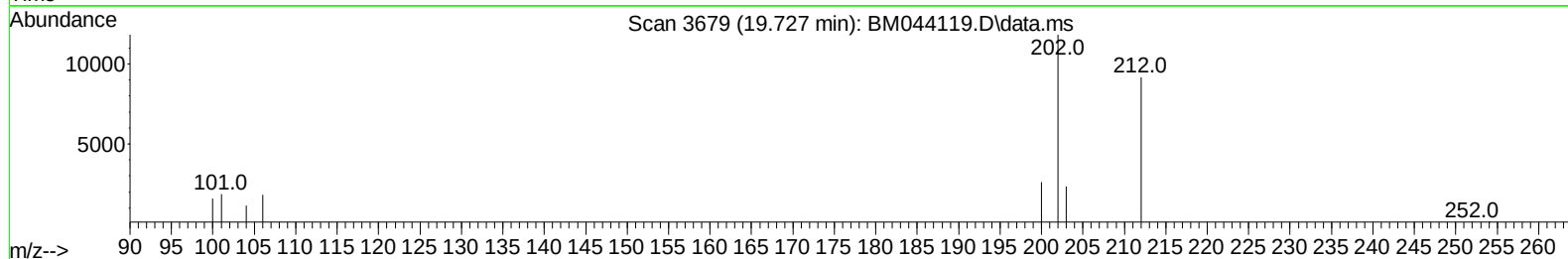
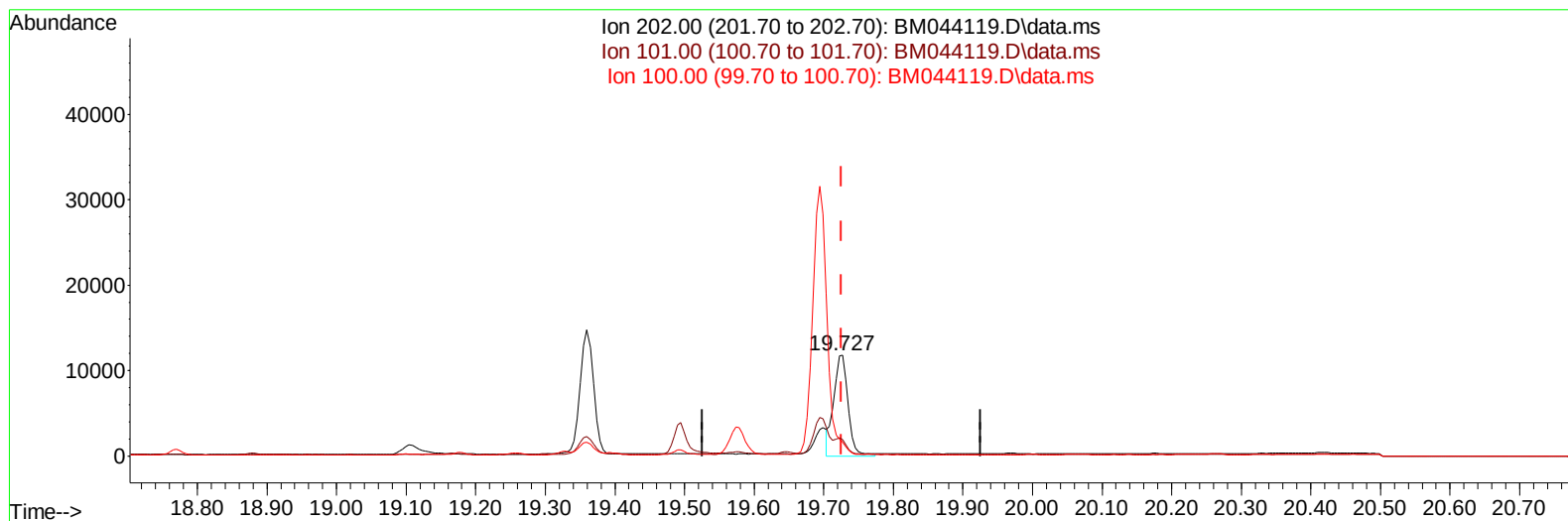
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM044119.D\data.ms

(20) Pyrene

19.727min (+ 0.001) 0.16 ng/ul m

response 16868

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.00	15.87
100.00	10.80	13.39#
0.00	0.00	0.00

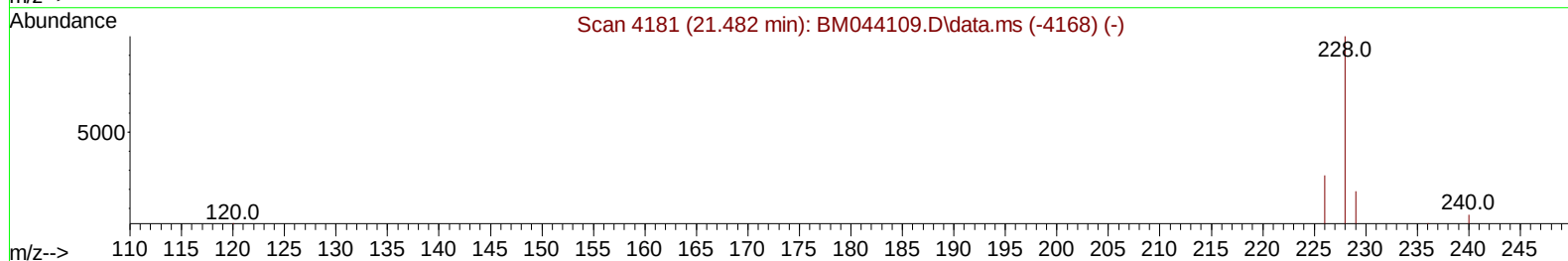
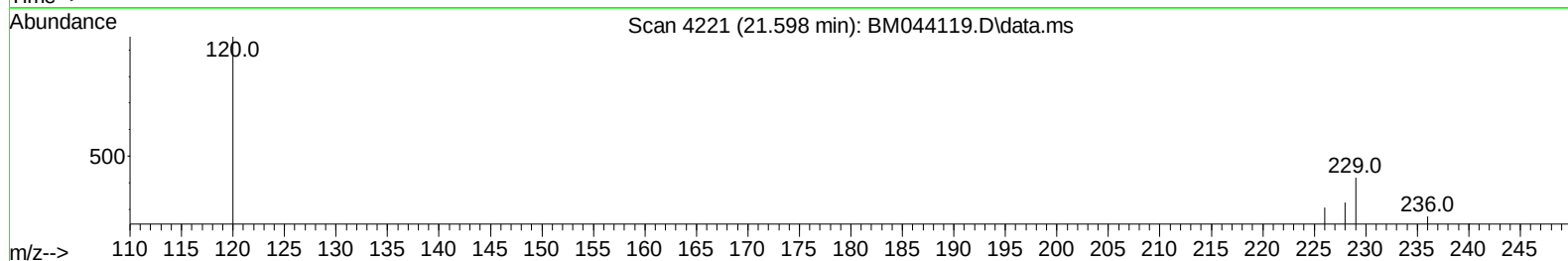
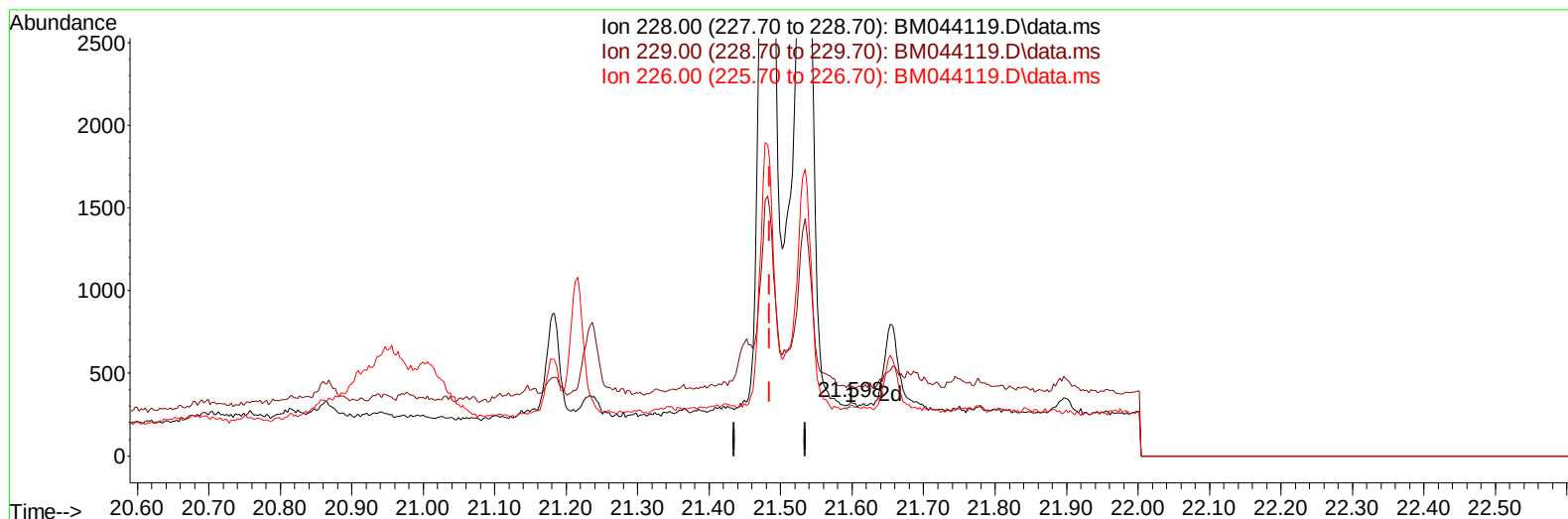
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

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TIC: BM044119.D\data.ms

(21) Benzo(a)anthracene

21.598min (+ 0.113) 0.00 ng/u1

response 19

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	128.92#
226.00	27.60	94.46#
0.00	0.00	0.00

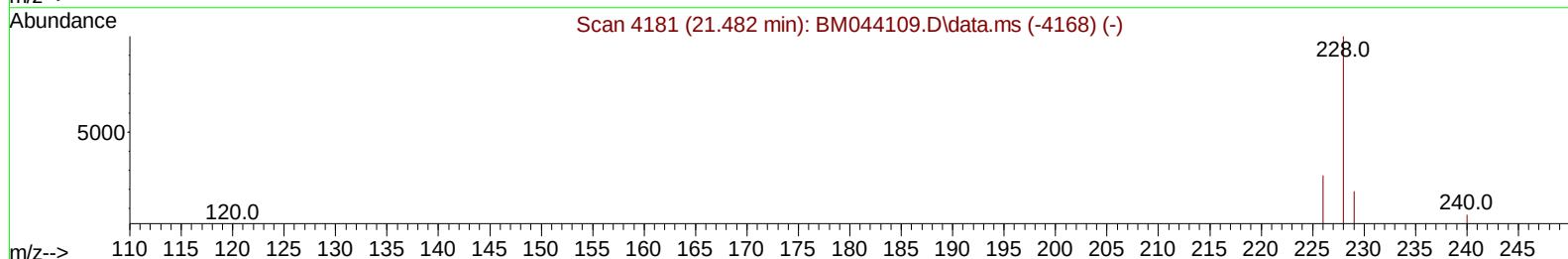
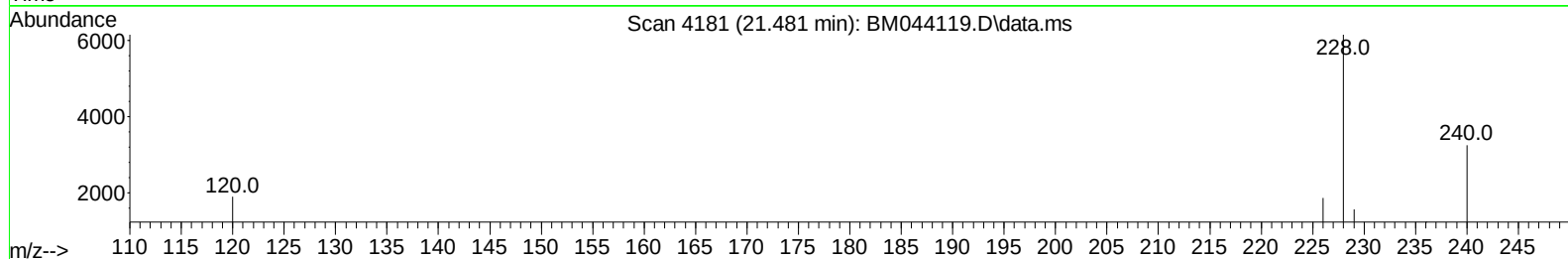
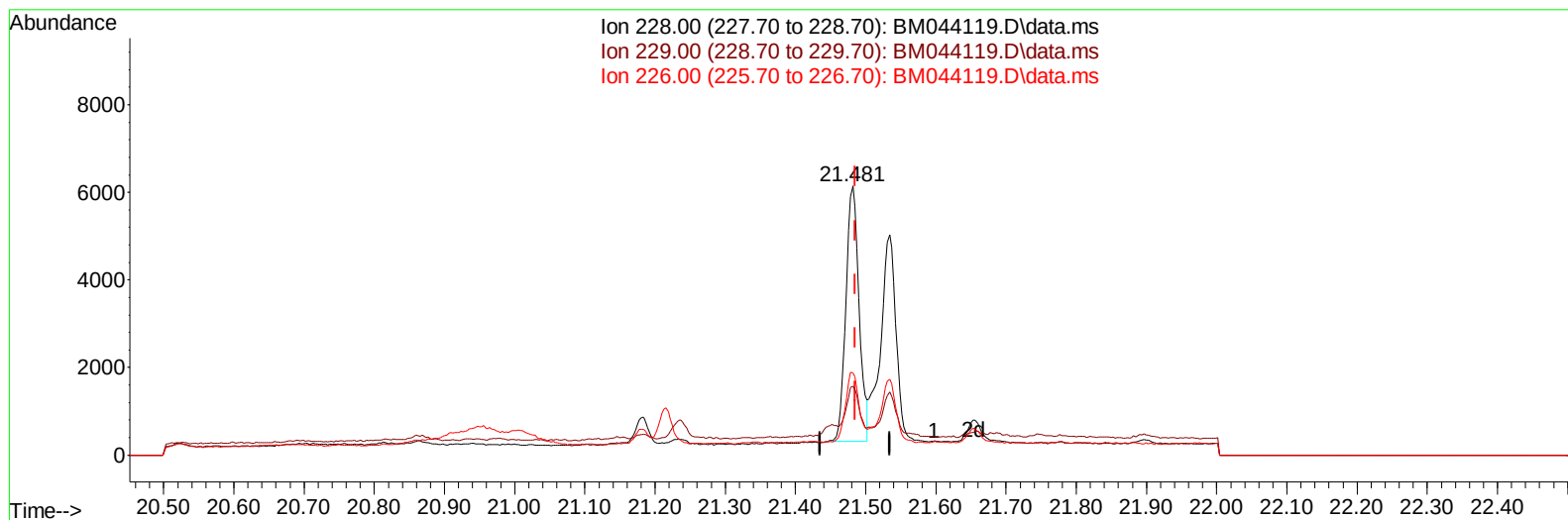
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044119.D\data.ms

(21) Benzo(a)anthracene

21.481min (-0.004) 0.07 ng/ul m

response 7646

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	25.58#
226.00	27.60	30.59
0.00	0.00	0.00

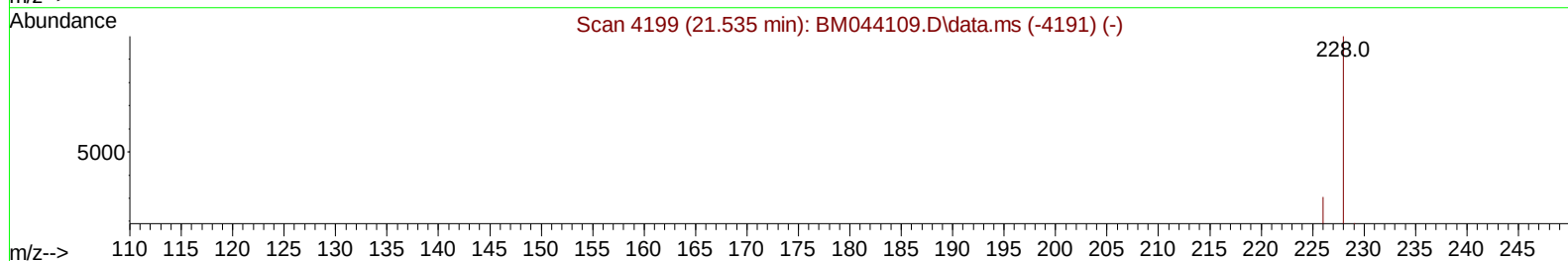
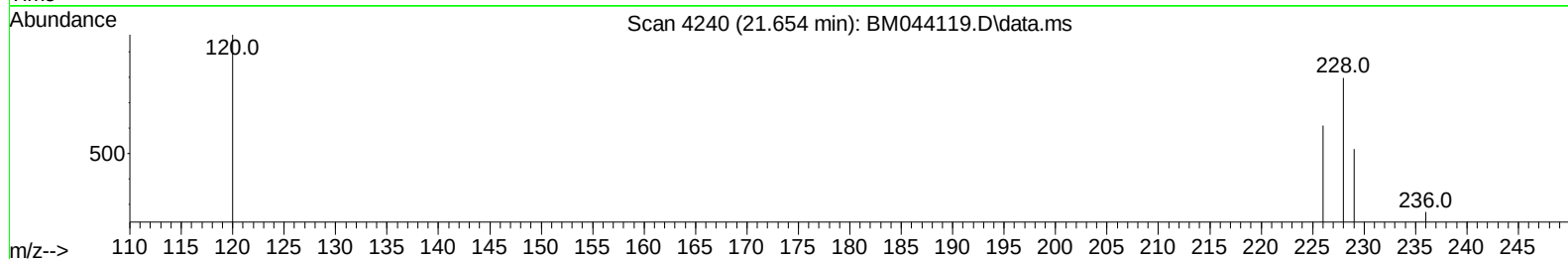
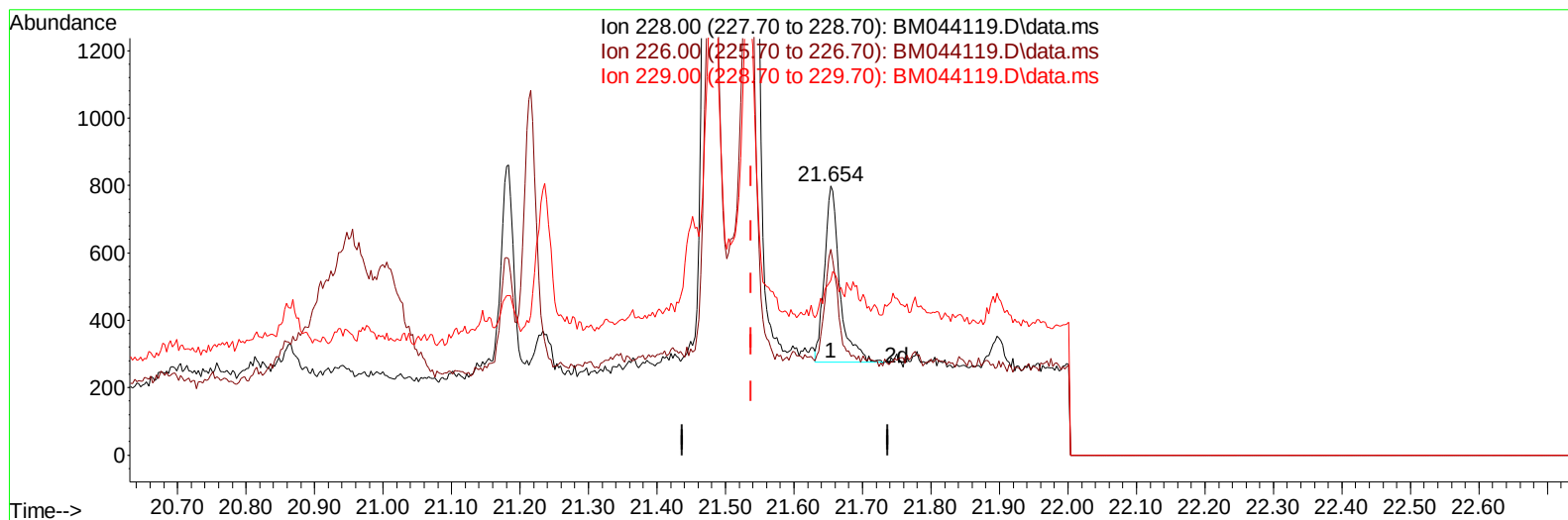
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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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: BM044119.D\data.ms

(22) Chrysene

21.654min (+ 0.116) 0.01 ng/u1

response 808

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	76.44#
229.00	19.70	64.91#
0.00	0.00	0.00

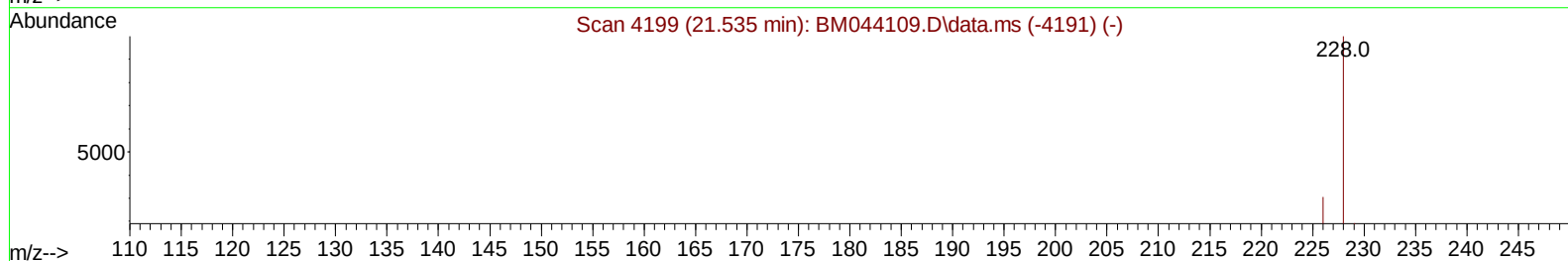
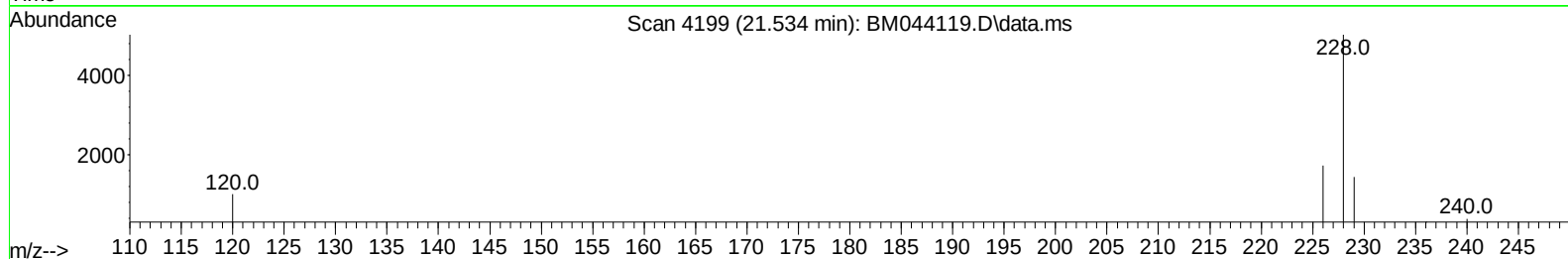
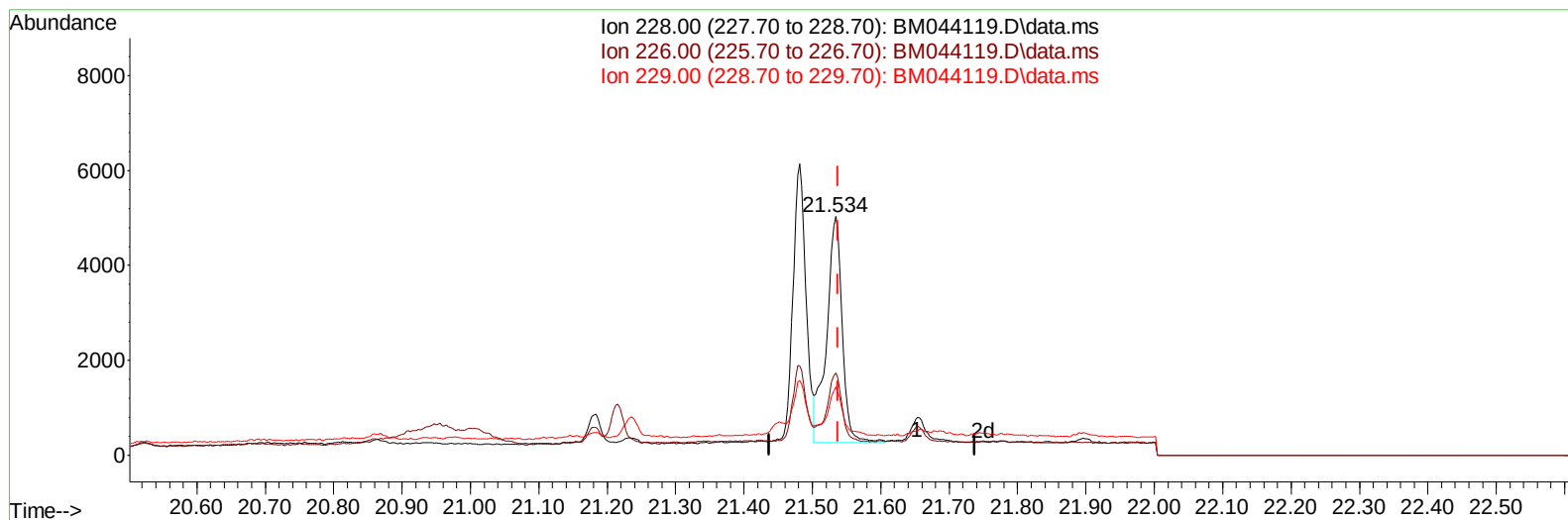
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(22) Chrysene

21.534min (-0.004) 0.07 ng/ul m

response 7603

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	34.49
229.00	19.70	28.53#
0.00	0.00	0.00

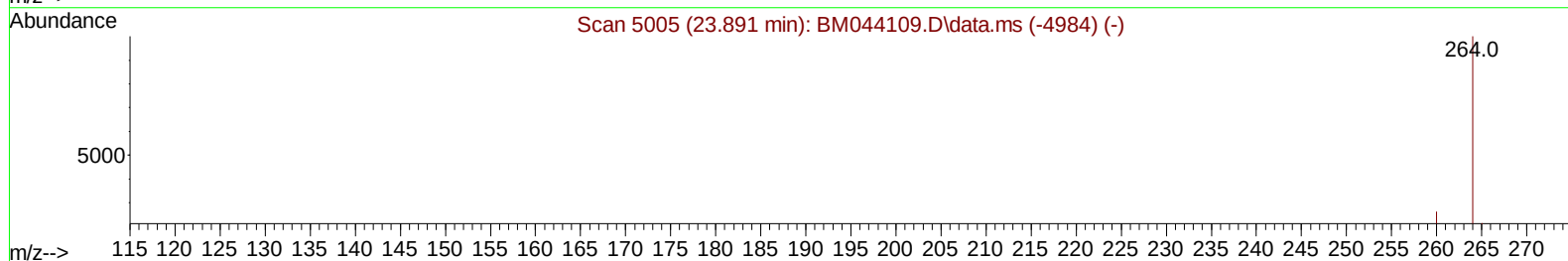
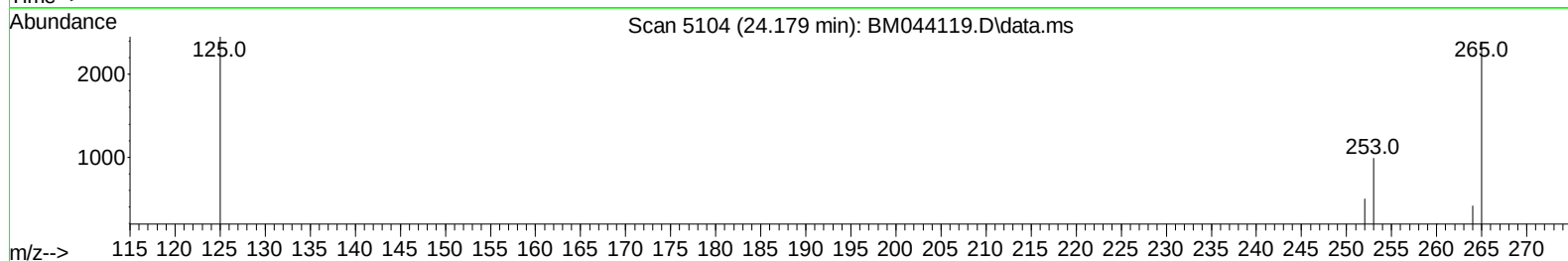
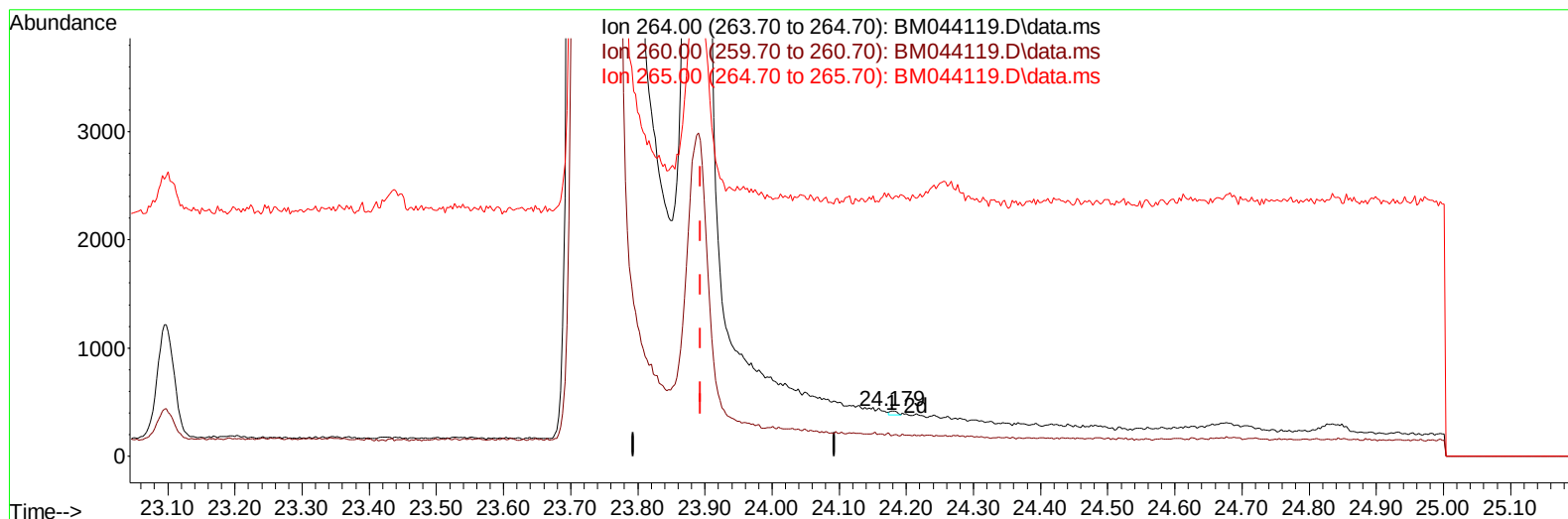
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(23) Perylene-d12 (I)

24.179min (+ 0.286) 0.40 ng/ul

response 24

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	46.65#
265.00	45.40	569.38#
0.00	0.00	0.00

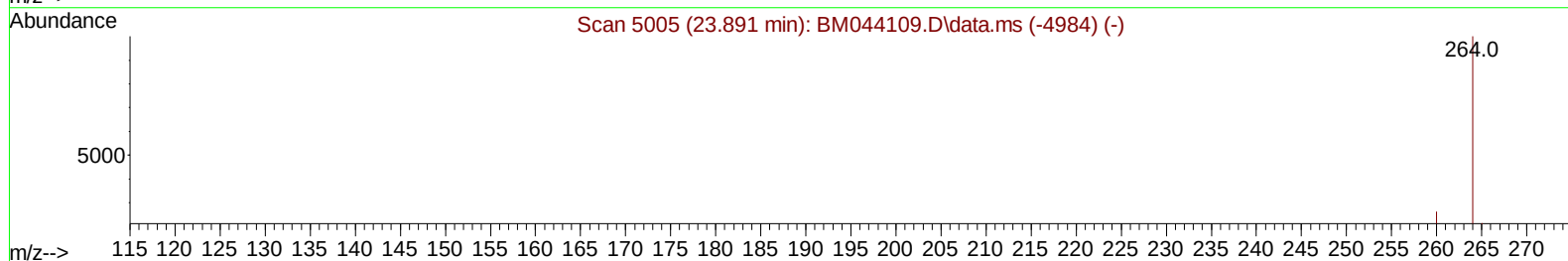
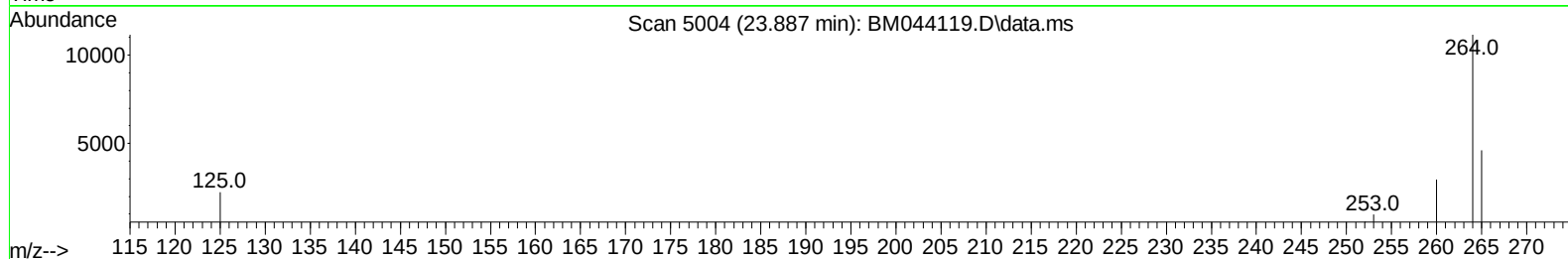
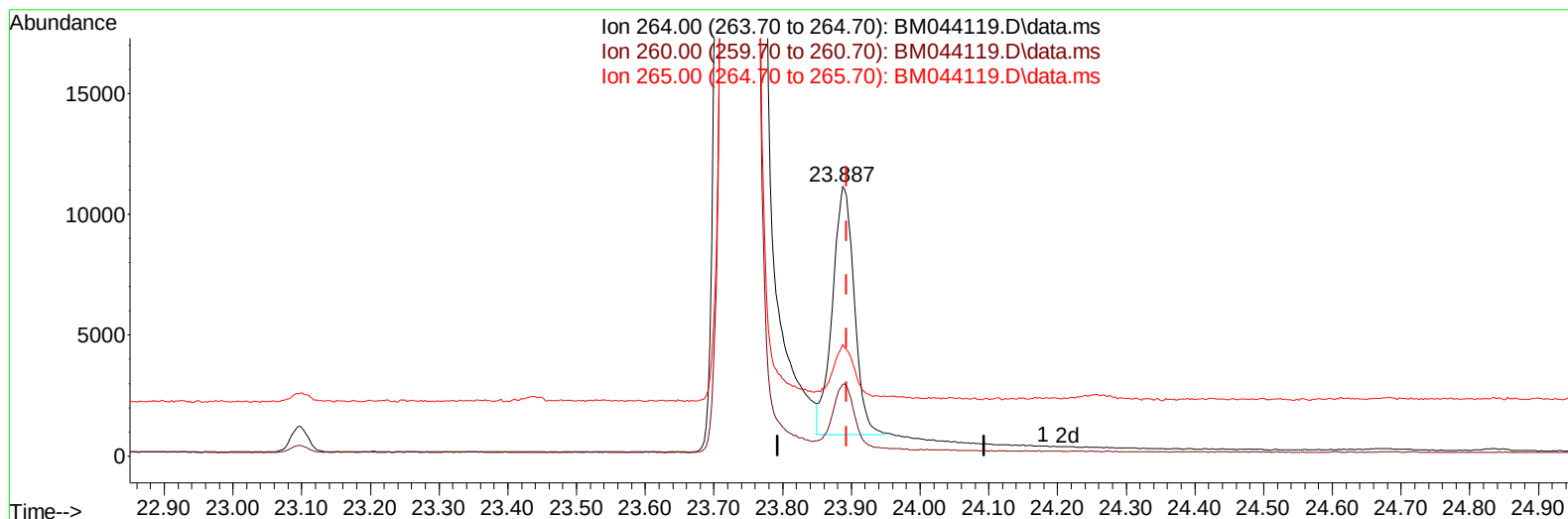
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044119.D
 Acq On : 16 Feb 2024 02:26
 Operator : MA/JU
 Sample : P1329-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(23) Perylene-d12 (I)

23.887min (-0.007) 0.40 ng/ul m

response 22691

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	26.60
265.00	45.40	41.31
0.00	0.00	0.00

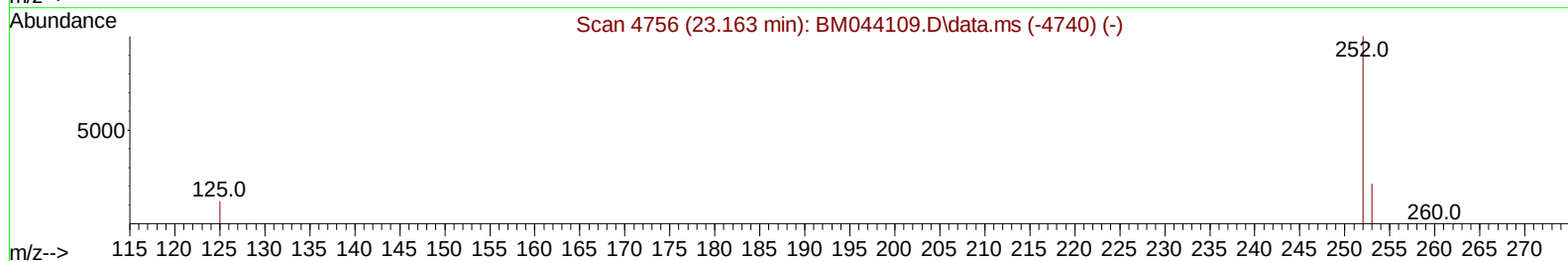
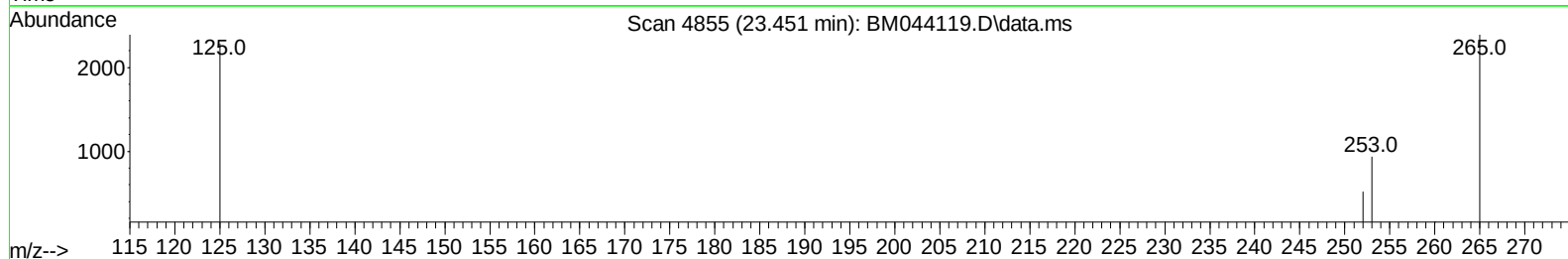
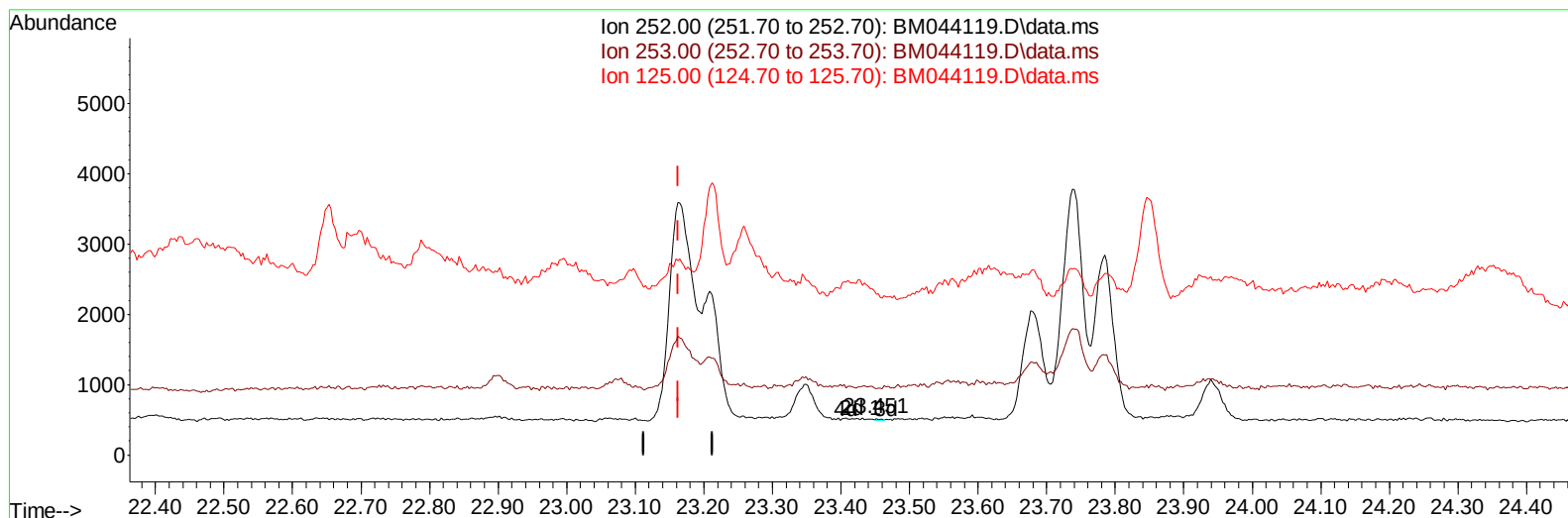
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(24) Benzo(b)fluoranthene

23.451min (+ 0.289) 0.00 ng/u1

response 10

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	180.58#
125.00	14.10	439.81#
0.00	0.00	0.00

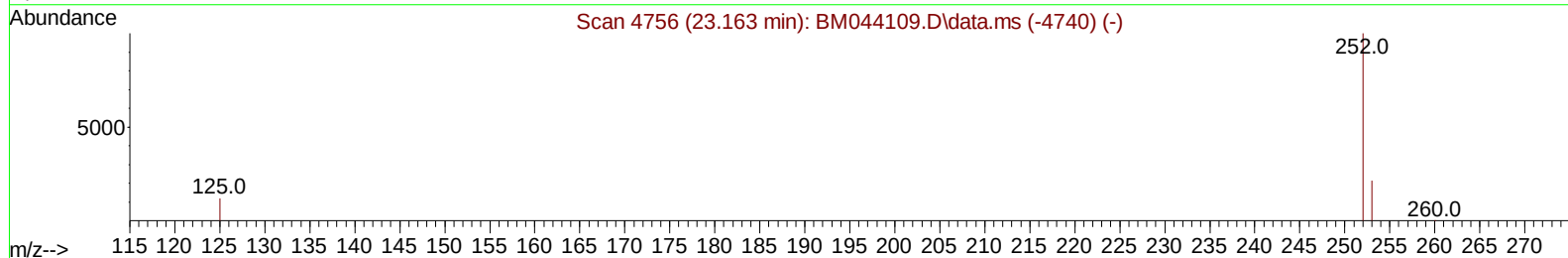
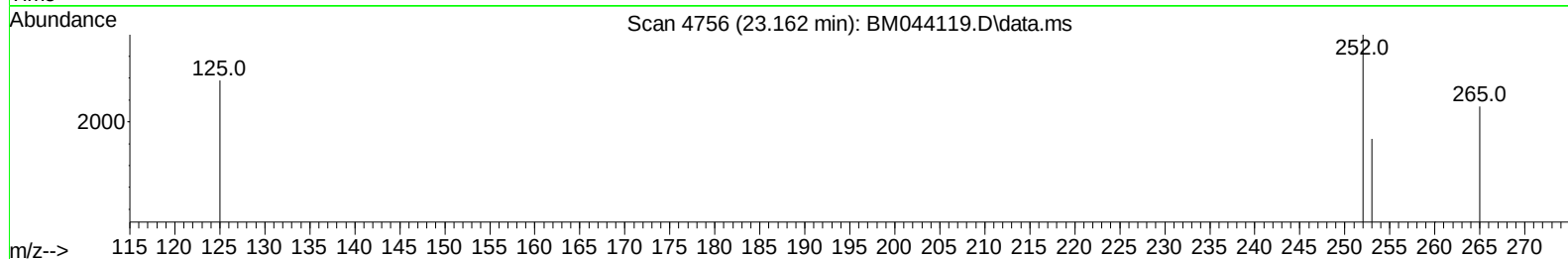
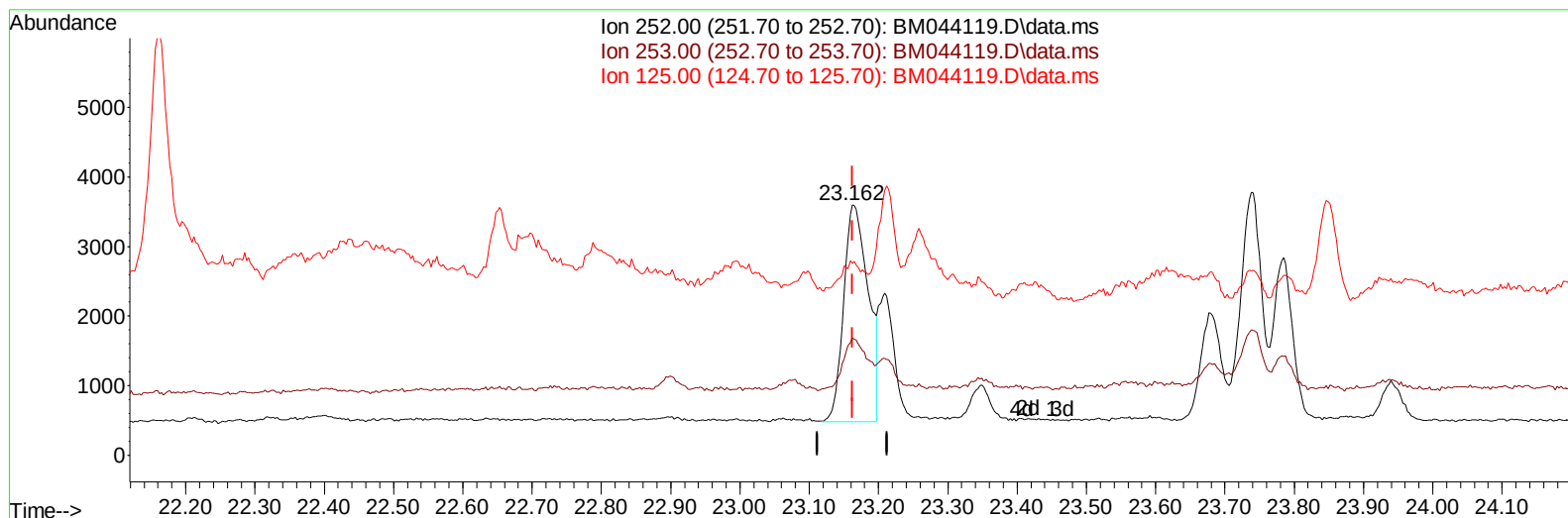
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(24) Benzo(b)fluoranthene

23.162min (-0.001) 0.08 ng/ul m

response 7702

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	46.91
125.00	14.10	76.72#
0.00	0.00	0.00

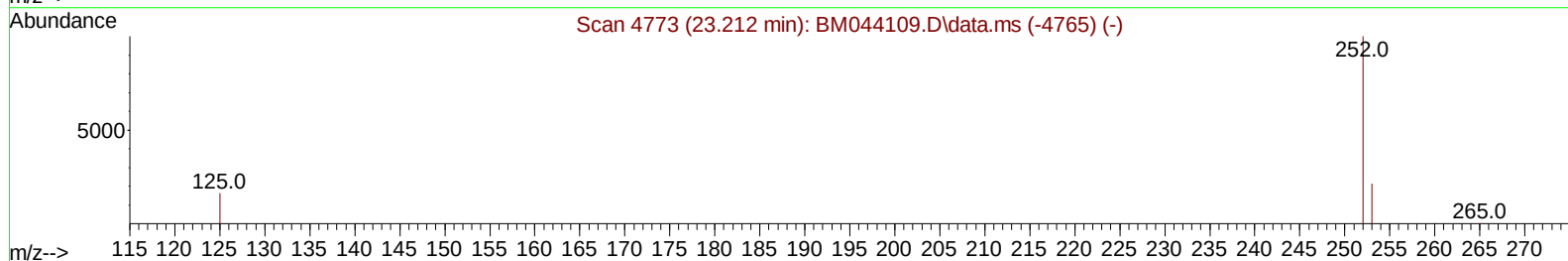
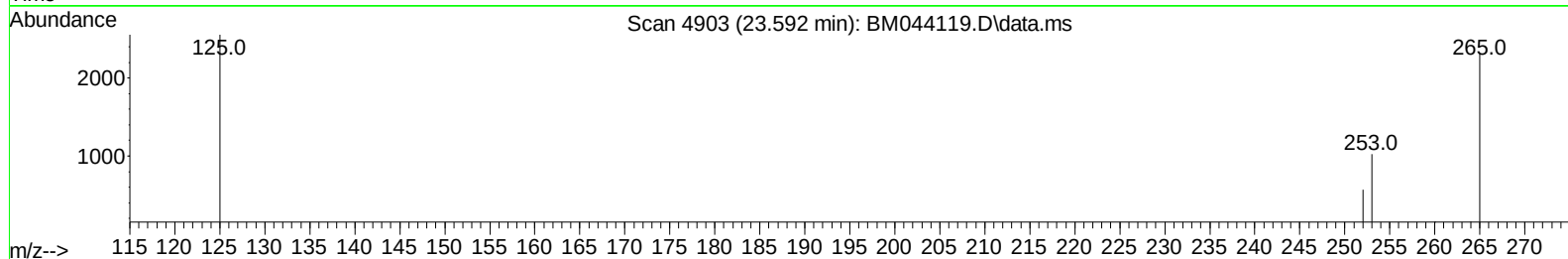
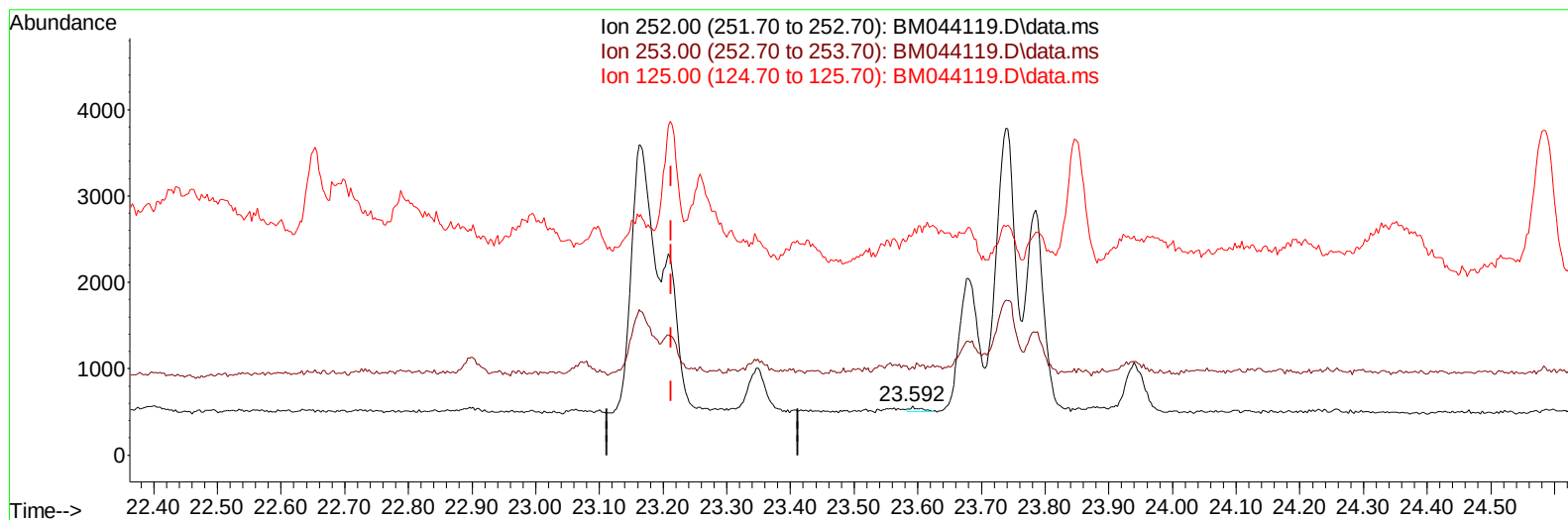
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(25) Benzo(k)fluoranthene

23.592min (+ 0.379) 0.00 ng/u1

response 71

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	179.65#
125.00	15.40	448.07#
0.00	0.00	0.00

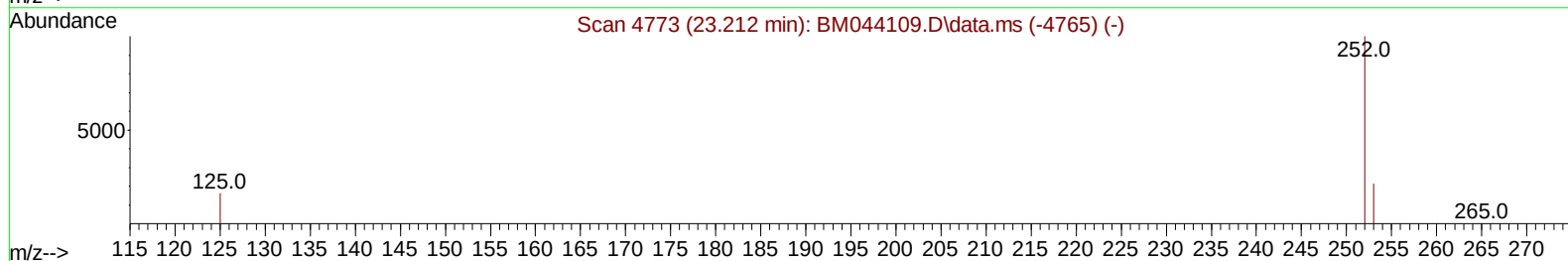
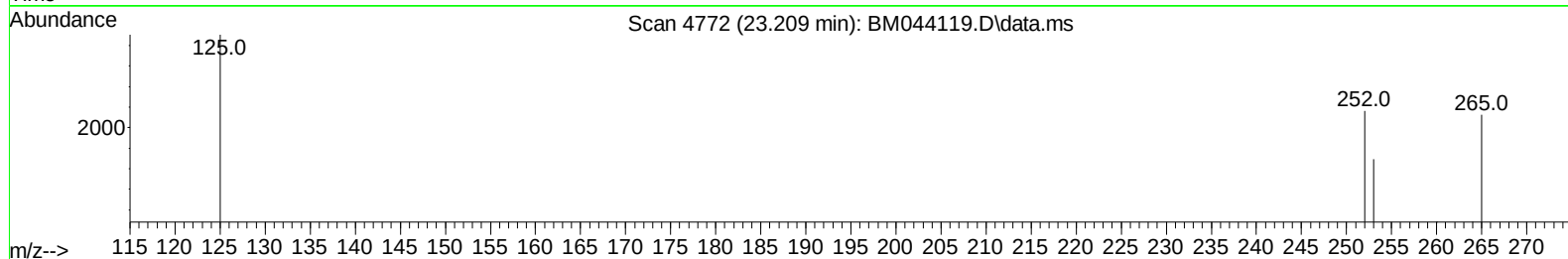
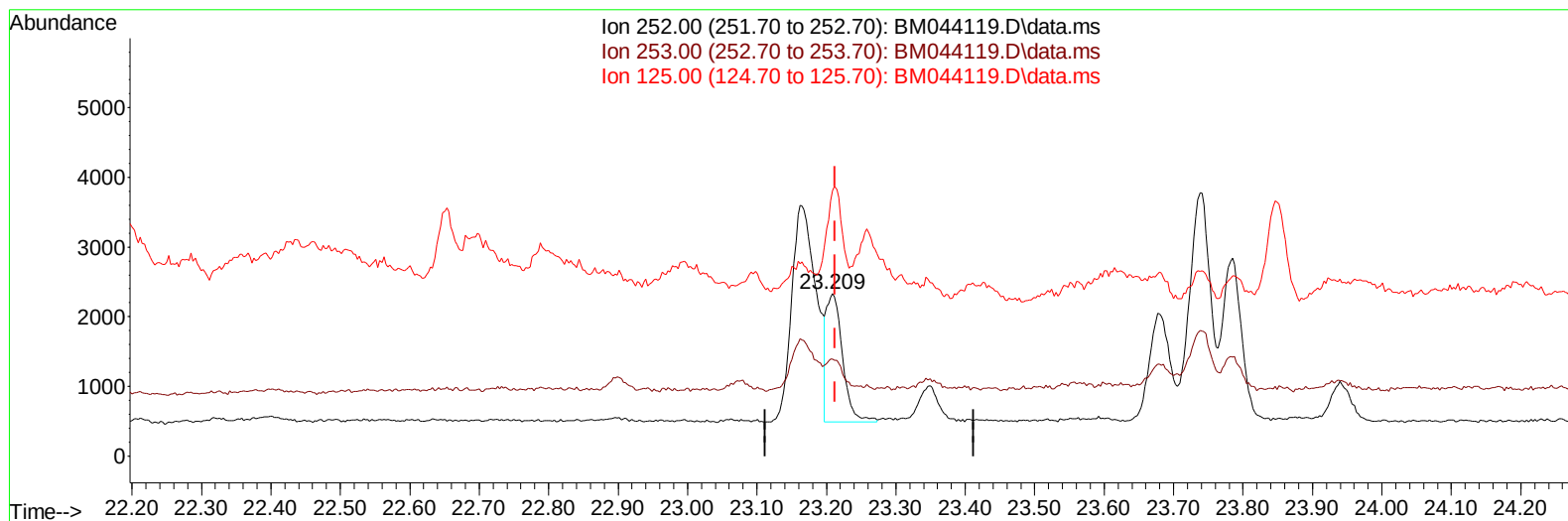
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(25) Benzo(k)fluoranthene

23.209min (-0.004) 0.03 ng/ul m

response 2934

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	59.65#
125.00	15.40	163.46#
0.00	0.00	0.00

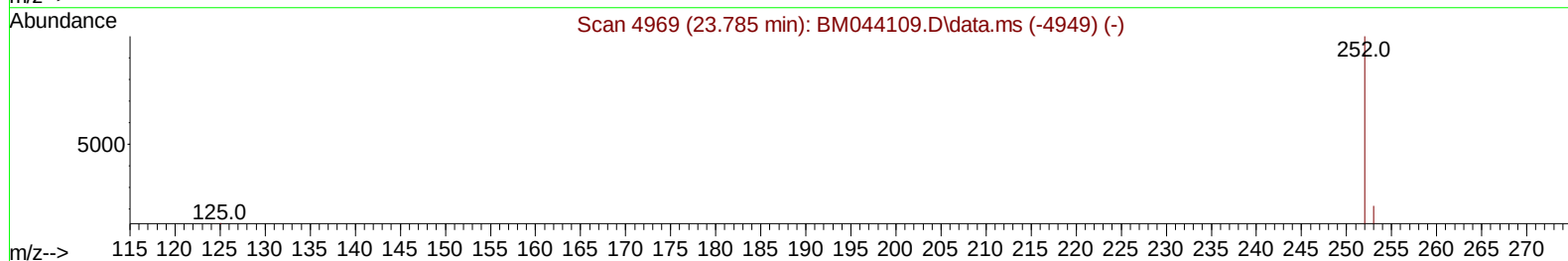
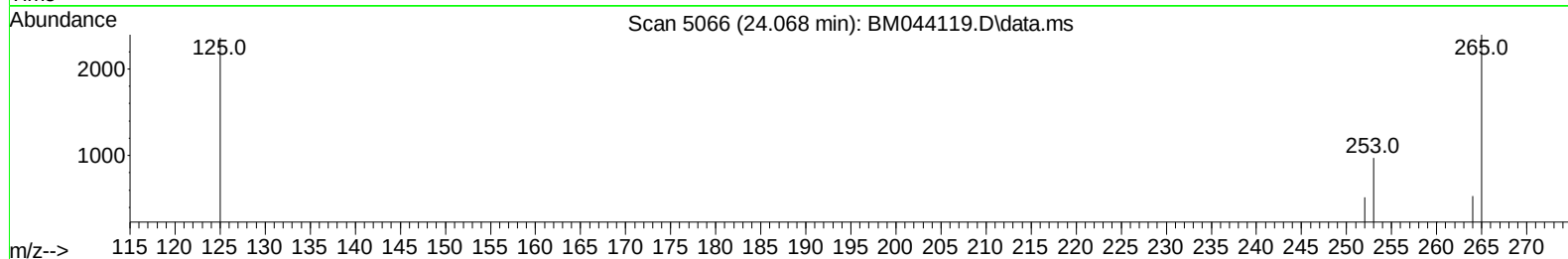
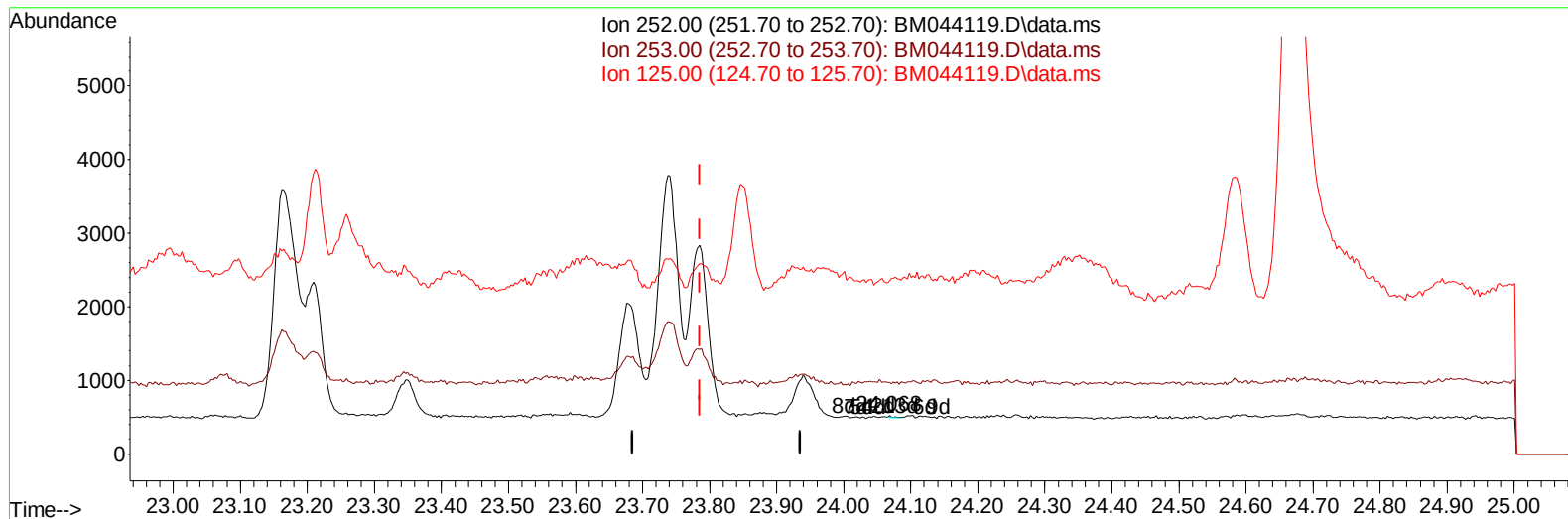
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(26) Benzo(a)pyrene (C)

24.068min (+ 0.283) 0.00 ng/u1

response	12
Ion	Exp% Act%
252.00	100.00 100.00
253.00	26.80 187.86#
125.00	16.60 453.95#
0.00	0.00 0.00

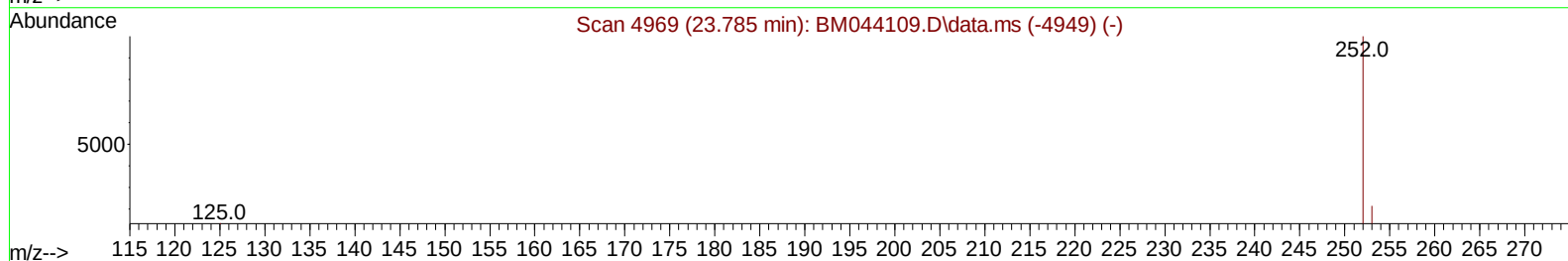
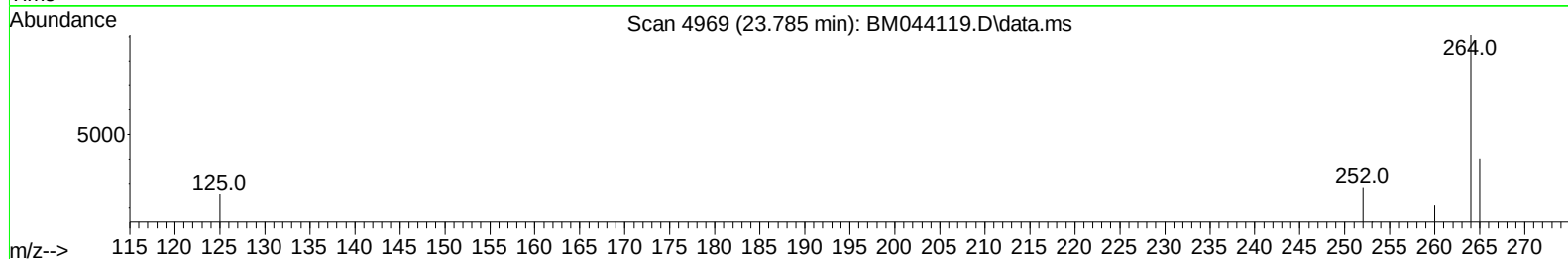
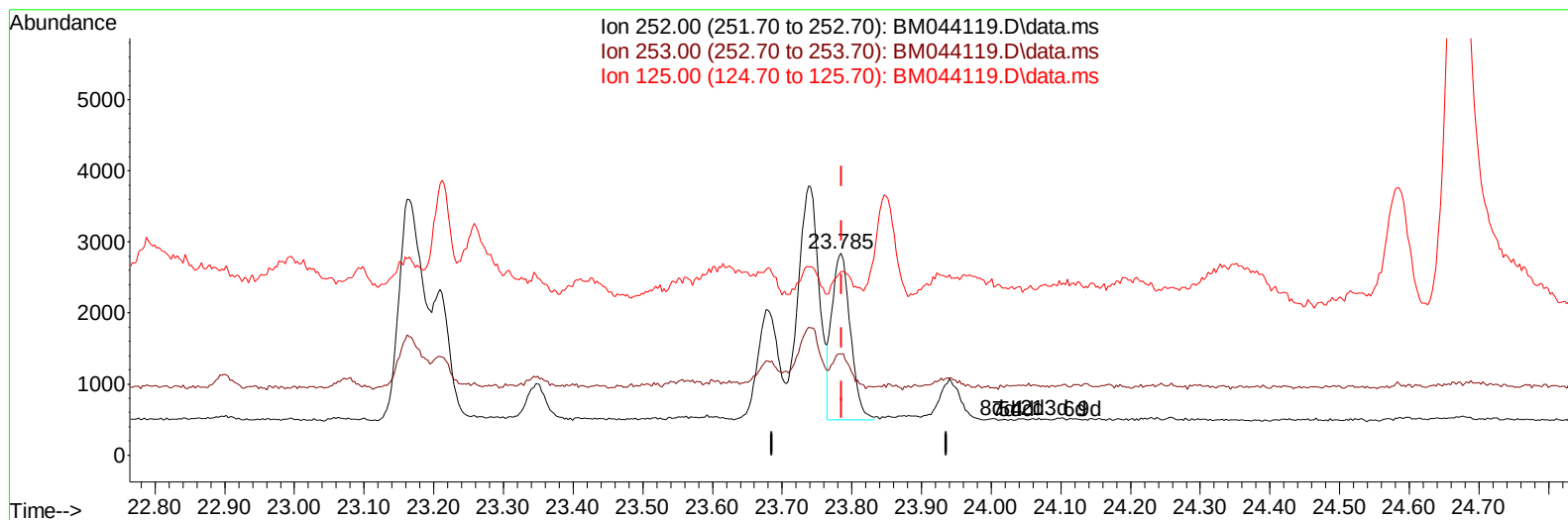
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

(26) Benzo(a)pyrene (C)

23.785min (-0.001) 0.05 ng/ul m

response 4312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	50.04#
125.00	16.60	90.95#
0.00	0.00	0.00

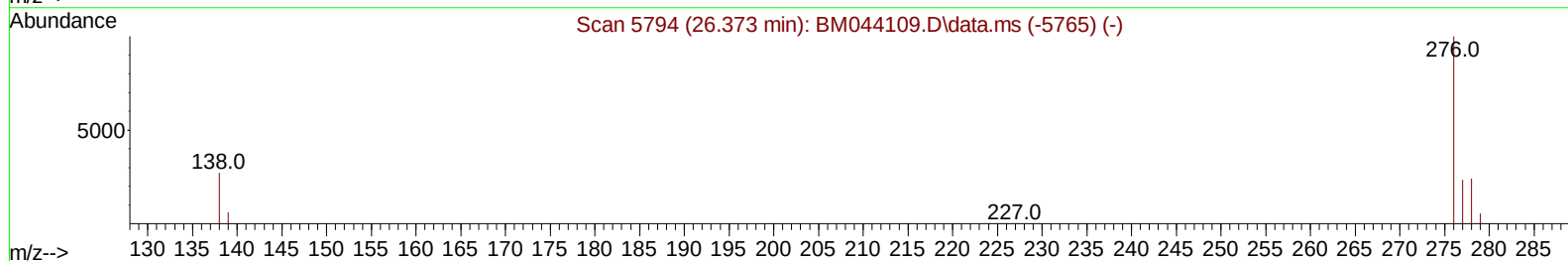
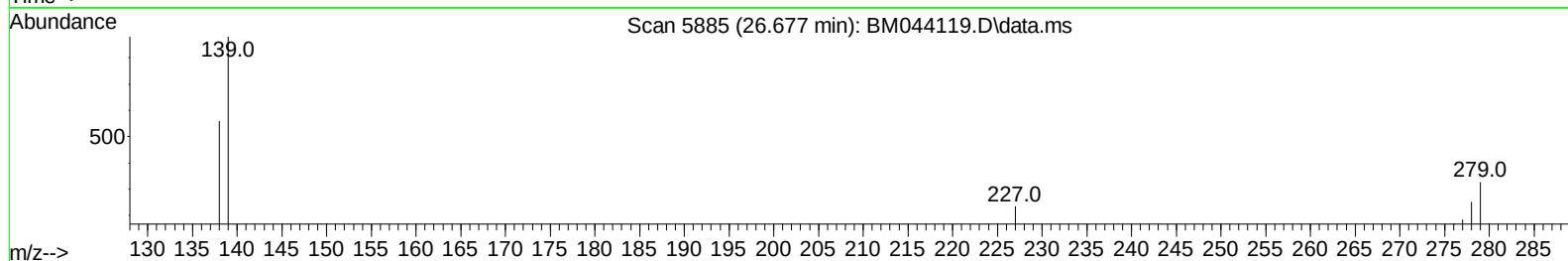
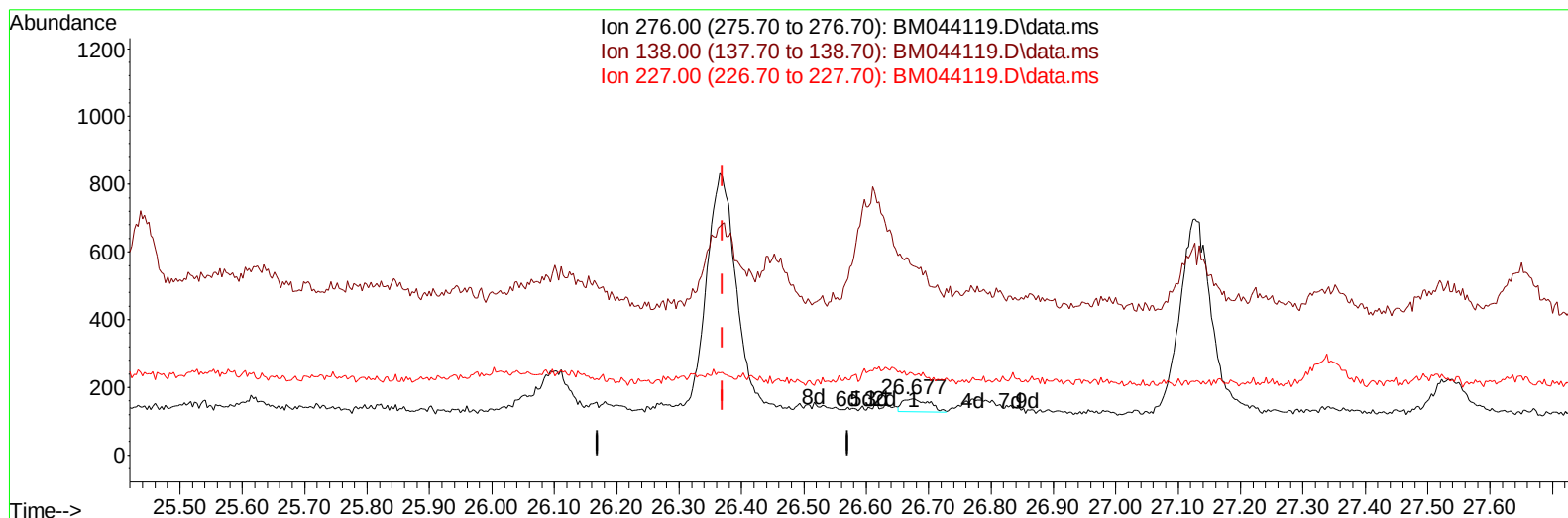
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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
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TIC: BM044119.D\data.ms

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

26.677min (+ 0.308) 0.00 ng/u1

response 115

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

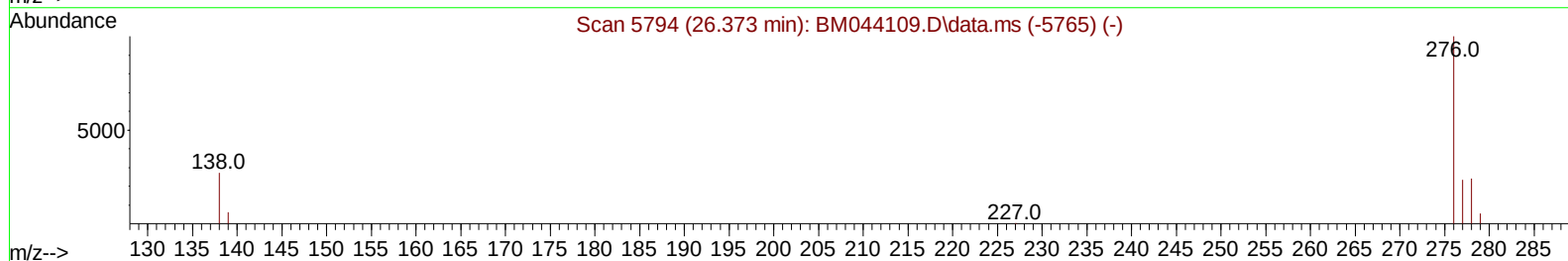
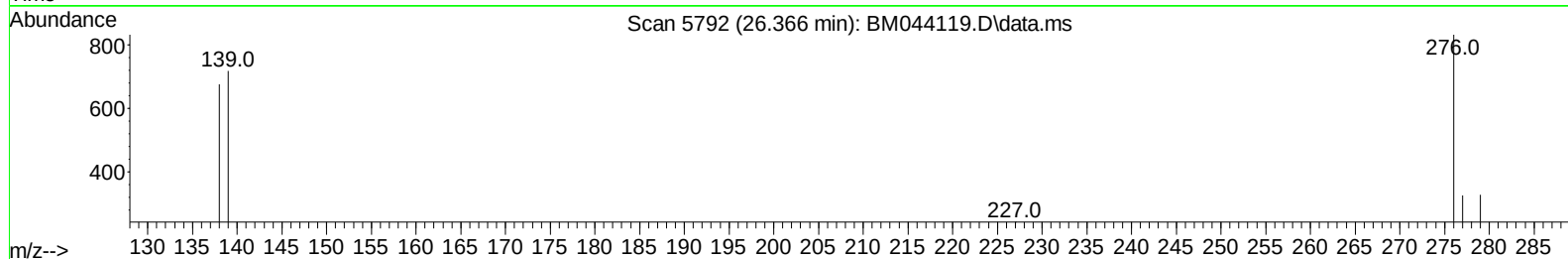
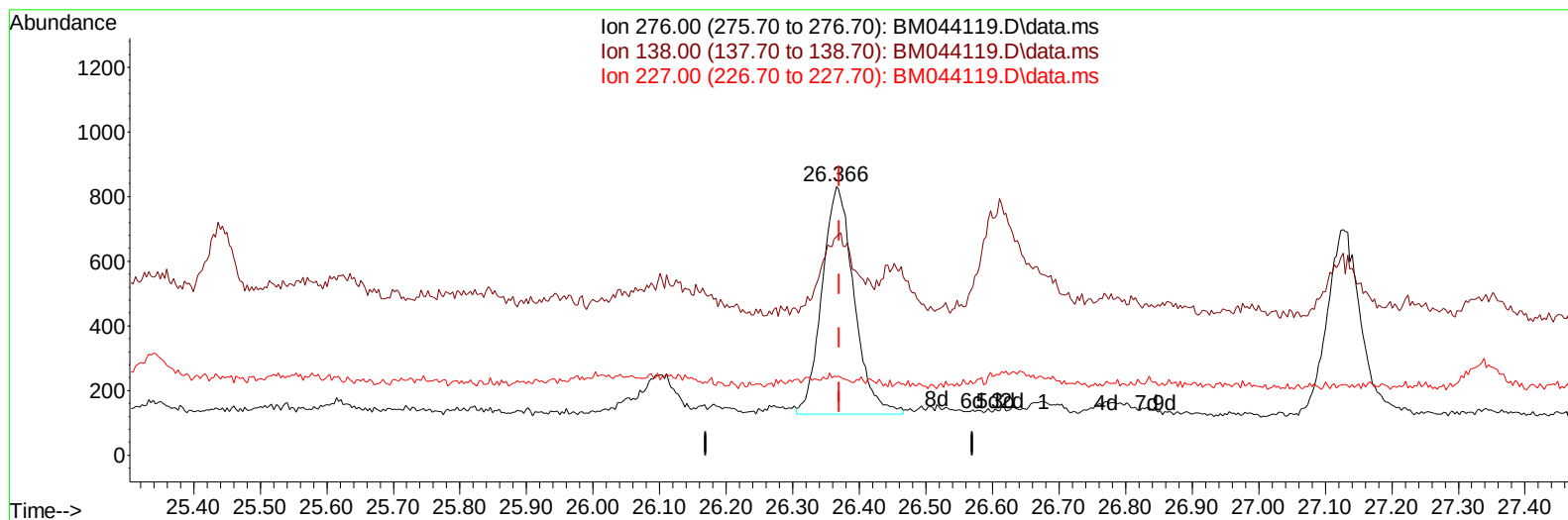
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

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

26.366min (-0.004) 0.02 ng/ul m

response 2353

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

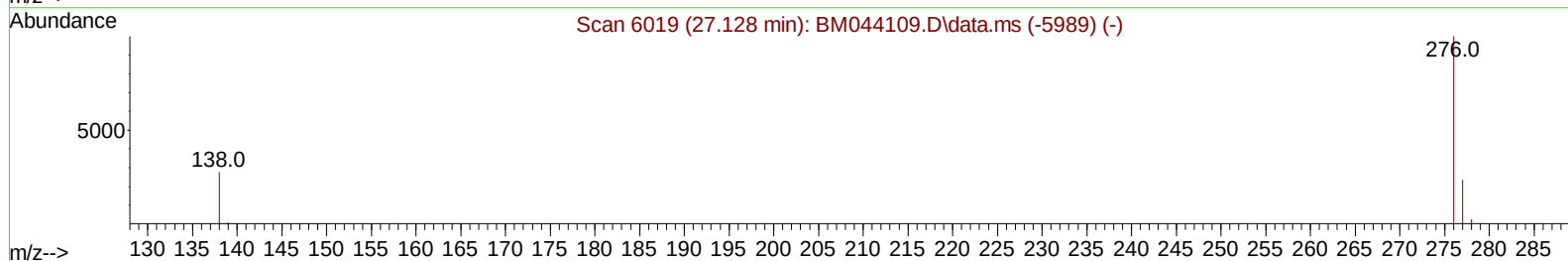
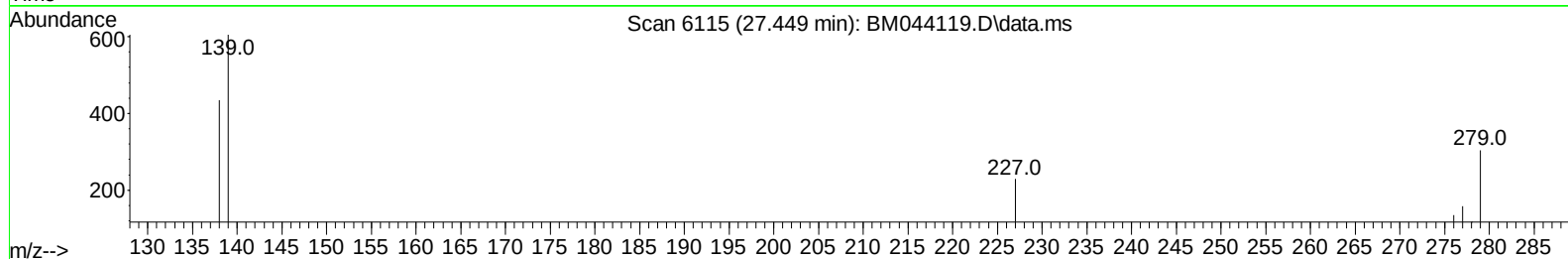
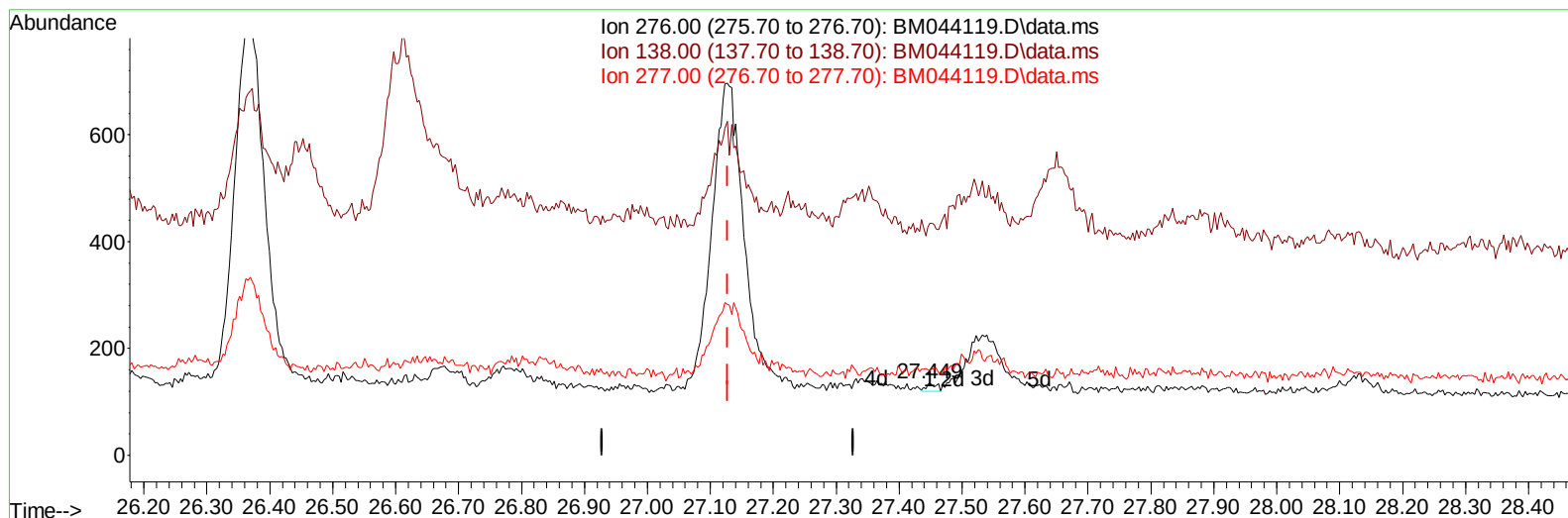
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044119.D
 Acq On : 16 Feb 2024 02:26
 Operator : MA/JU
 Sample : P1329-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

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

27.449min (+ 0.321) 0.00 ng/u1

response 17

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	321.48#
277.00	23.80	117.78#
0.00	0.00	0.00

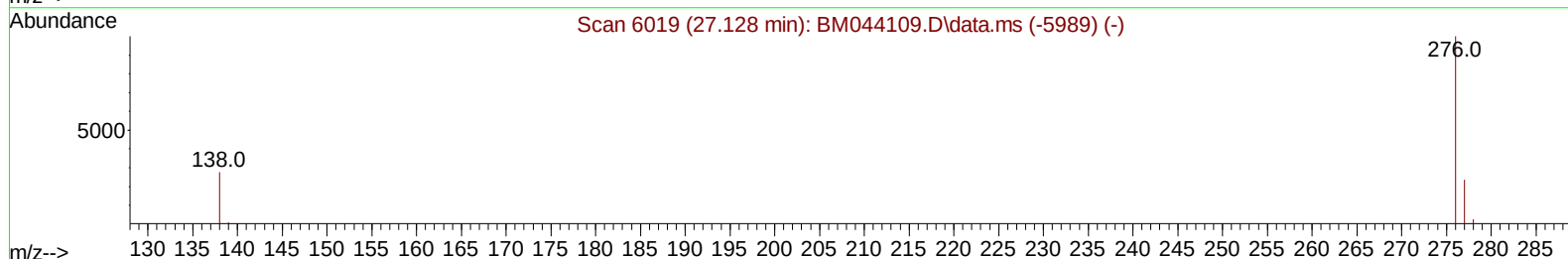
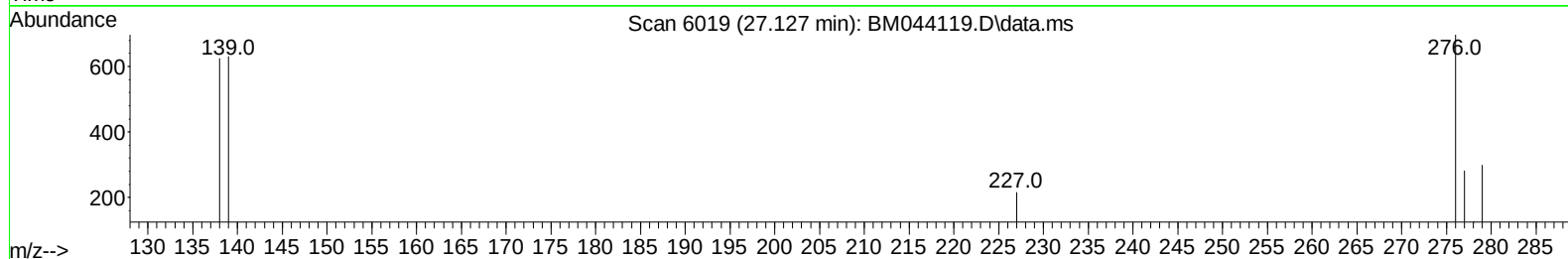
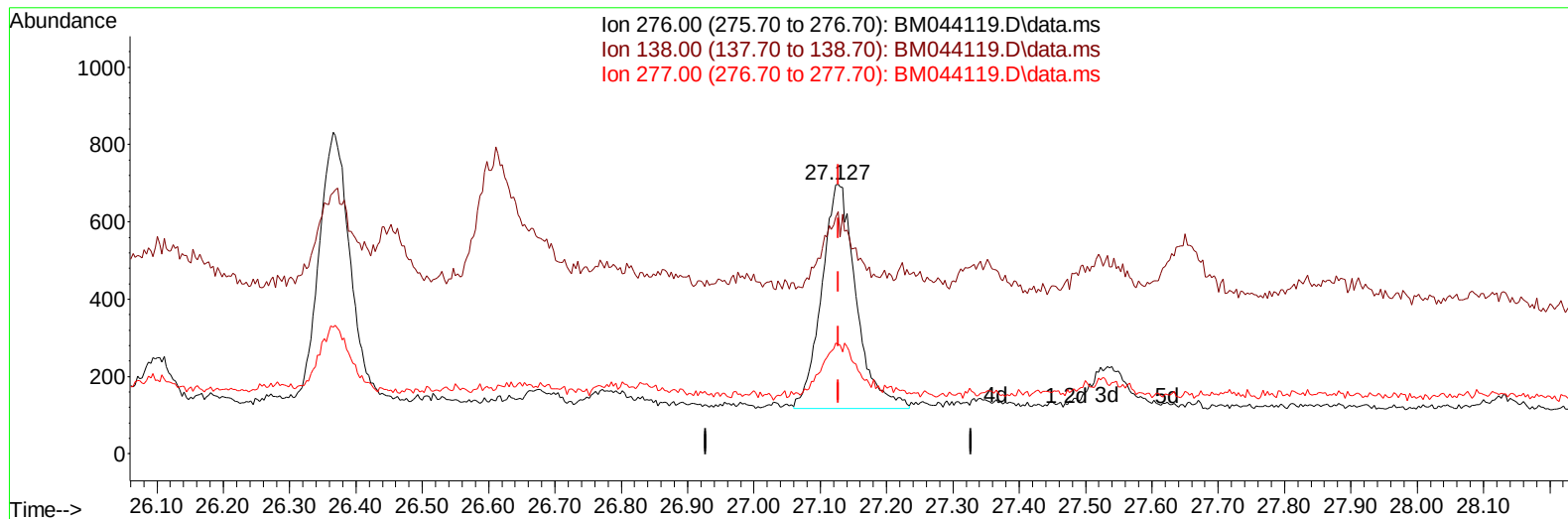
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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: BM044119.D\data.ms

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

27.127min (-0.001) 0.02 ng/ul m

response 2104

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	89.81#
277.00	23.80	40.60#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044119.D
 Acq On : 16 Feb 2024 02:26
 Operator : MA/JU
 Sample : P1329-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM4

Manual IntegrationsAPPROVED

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

Quant Time: Feb 17 03:02:47 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

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152		8539	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136		29092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.544	164		16112	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188		33985m	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240		22480m	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264		22691m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		66488	5.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152		15591	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.327	212		31805m	0.474	ng/ul	0.00
Target Compounds							
							Qvalue
14) Pentachlorophenol	16.943	266		344	0.028	ng/ul	96
15) Phenanthrene	17.339	178		7440	0.069	ng/ul	96
19) Fluoranthene	19.360	202		19613m	0.191	ng/ul	
20) Pyrene	19.727	202		16868m	0.157	ng/ul	
21) Benzo(a)anthracene	21.481	228		7646m	0.074	ng/ul	
22) Chrysene	21.534	228		7603m	0.068	ng/ul	
24) Benzo(b)fluoranthene	23.162	252		7702m	0.082	ng/ul	
25) Benzo(k)fluoranthene	23.209	252		2934m	0.029	ng/ul	
26) Benzo(a)pyrene	23.785	252		4312m	0.050	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.366	276		2353m	0.021	ng/ul	
29) Benzo(g,h,i)perylene	27.127	276		2104m	0.021	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044119.D
Acq On : 16 Feb 2024 02:26
Operator : MA/JU
Sample : P1329-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM4

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:02:47 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

