

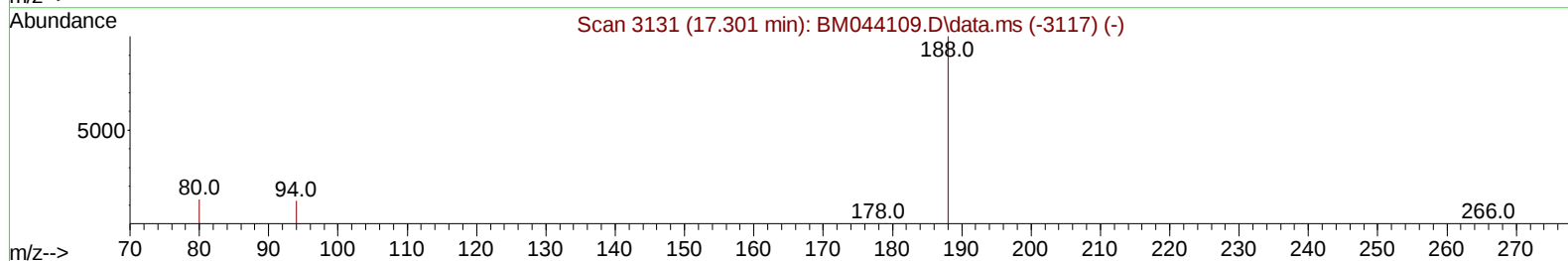
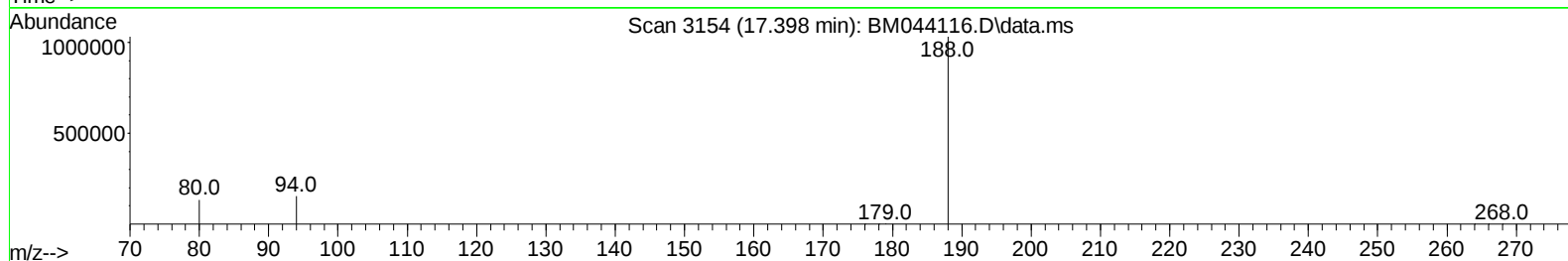
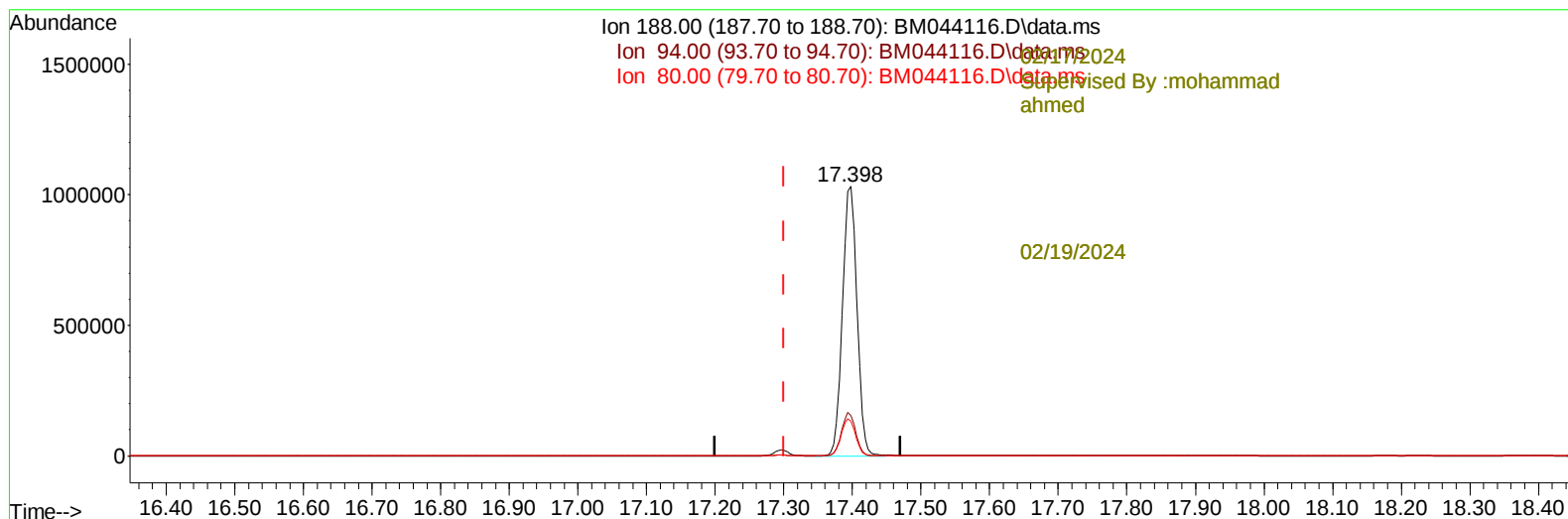
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044116.D
 Acq On : 16 Feb 2024 00:37
 Operator : MA/JU
 Sample : P1329-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.097) 0.40 ng/u1

response 1512714

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.10#
80.00	13.40	12.95
0.00	0.00	0.00

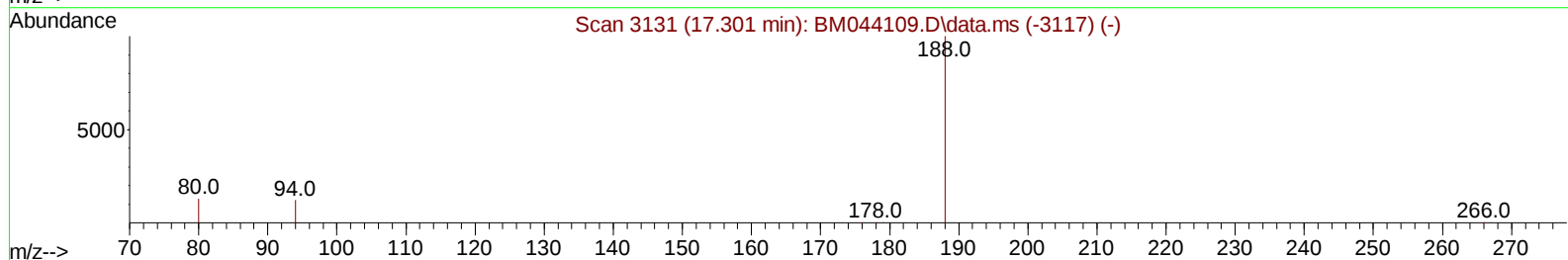
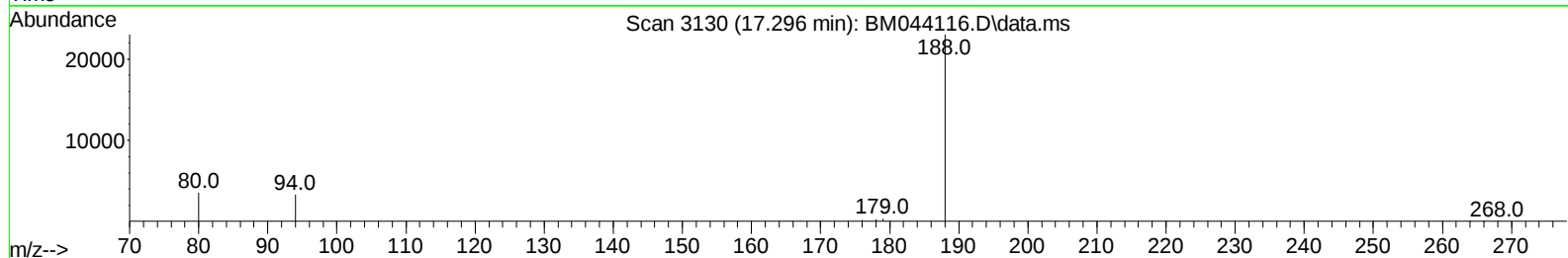
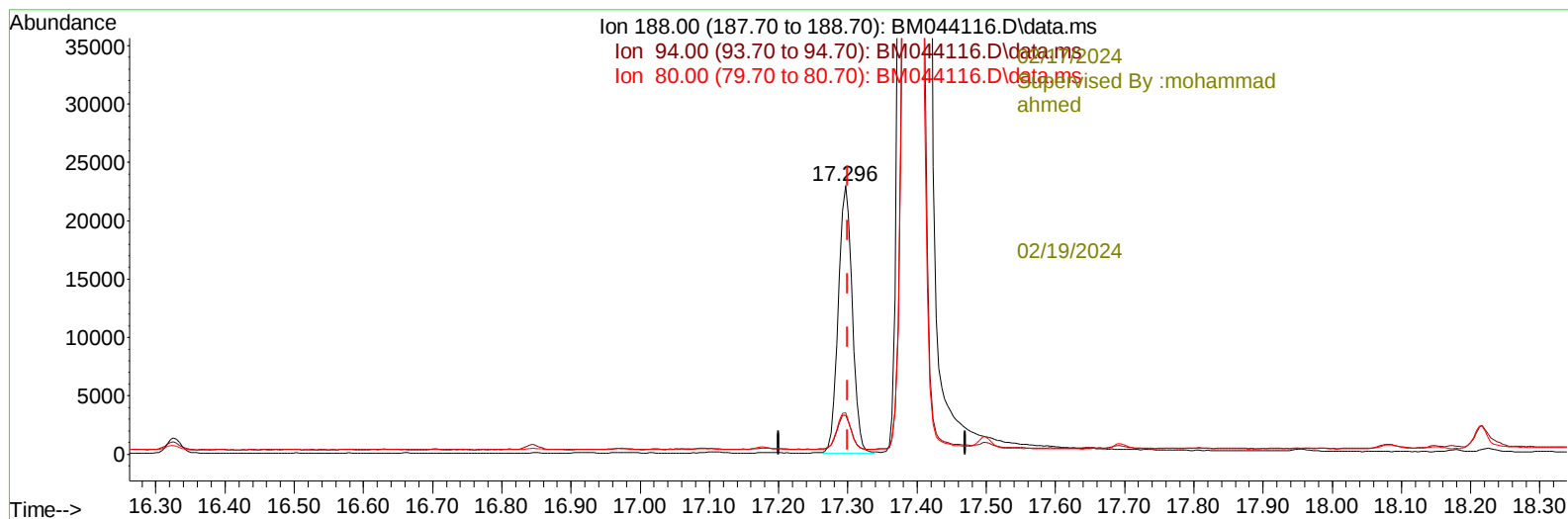
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(13) Phenanthrene-d10 (I)

17.296min (-0.004) 0.40 ng/ul m

response 32175

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	14.50
80.00	13.40	15.54
0.00	0.00	0.00

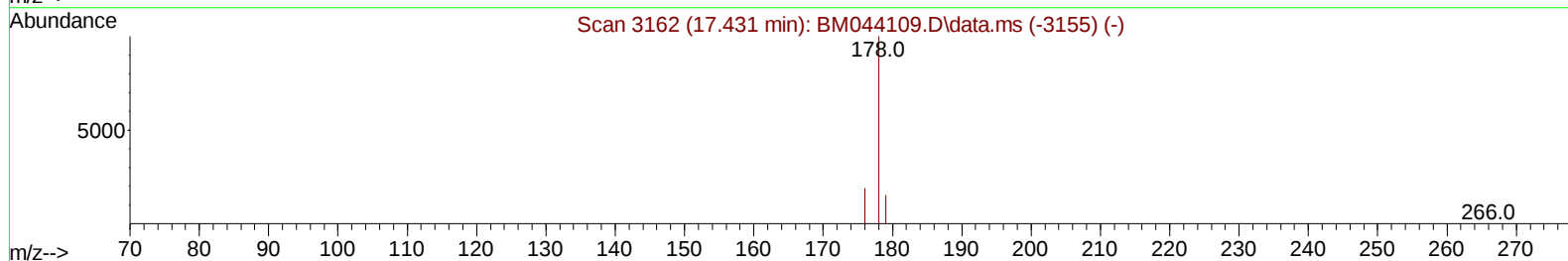
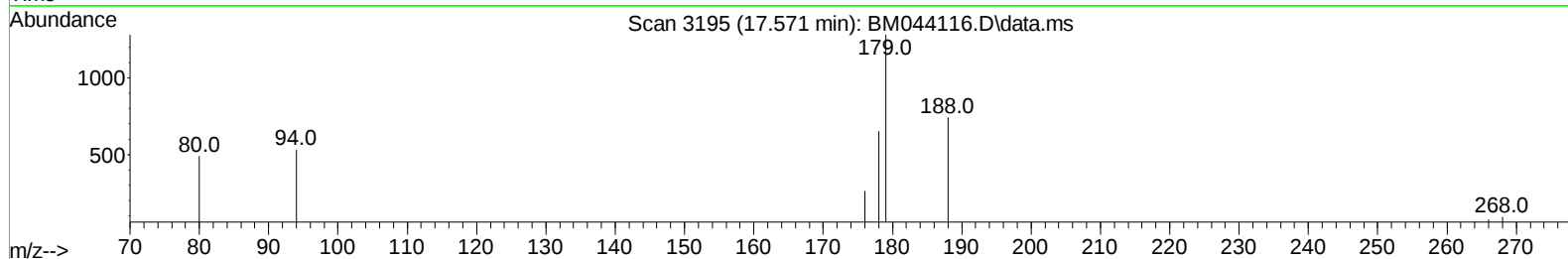
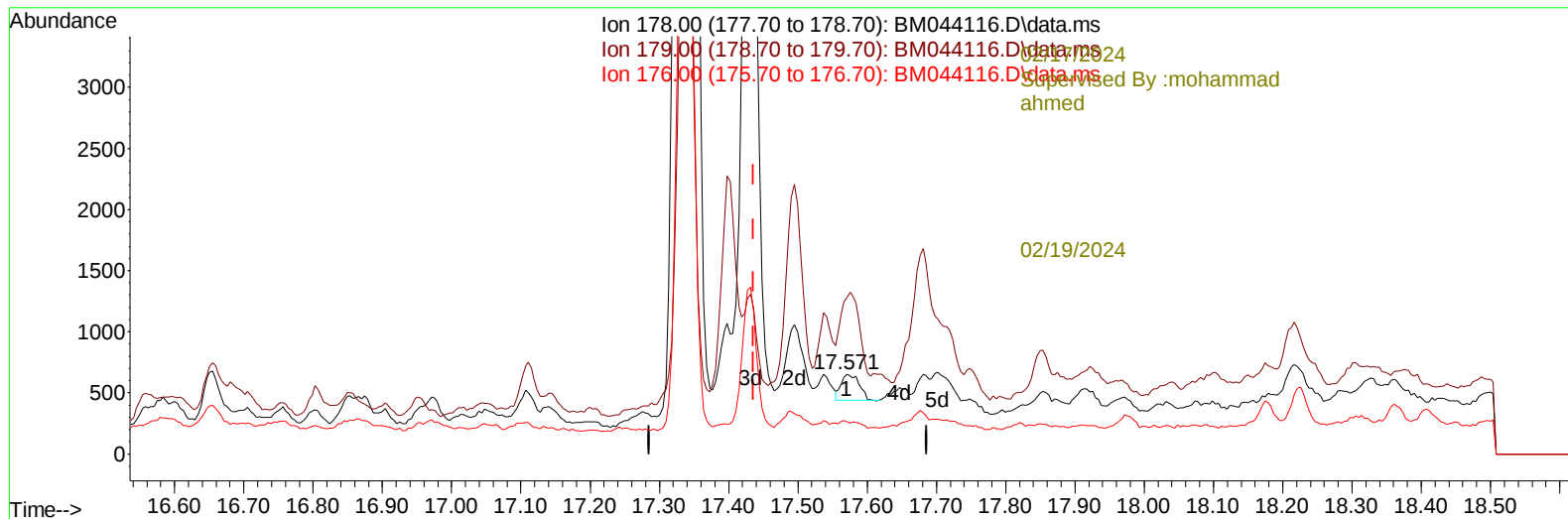
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(16) Anthracene

17.571min (+ 0.135) 0.00 ng/u1

response 383

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	195.87#
176.00	19.10	40.37#
0.00	0.00	0.00

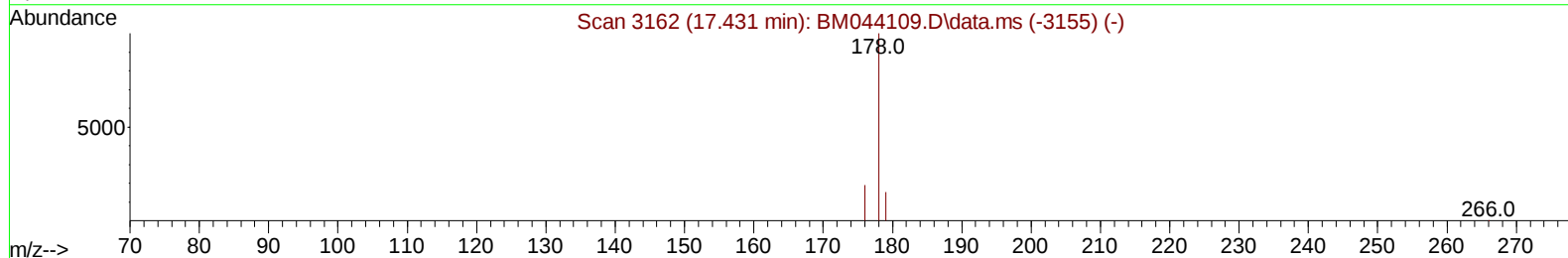
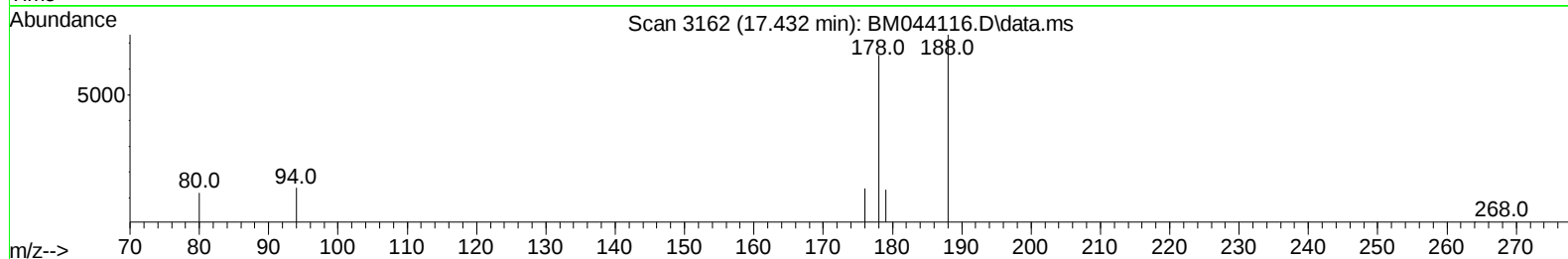
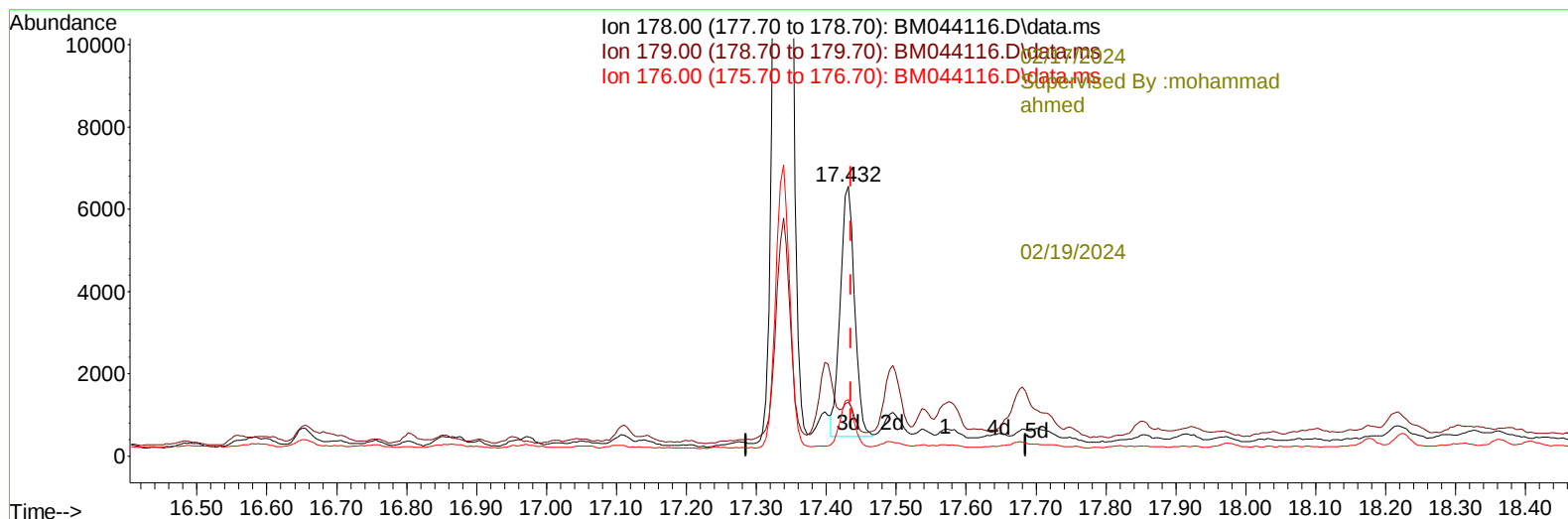
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(16) Anthracene

17.432min (-0.004) 0.08 ng/u1 m

response 8567

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	19.91#
176.00	19.10	20.81
0.00	0.00	0.00

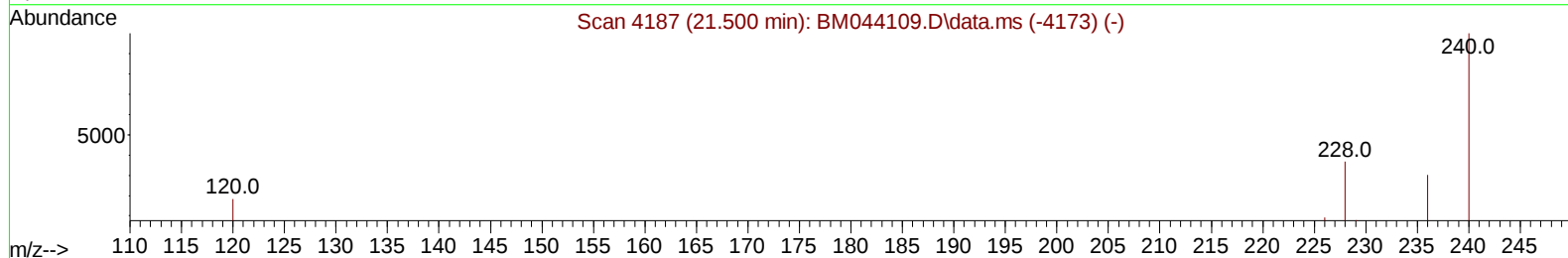
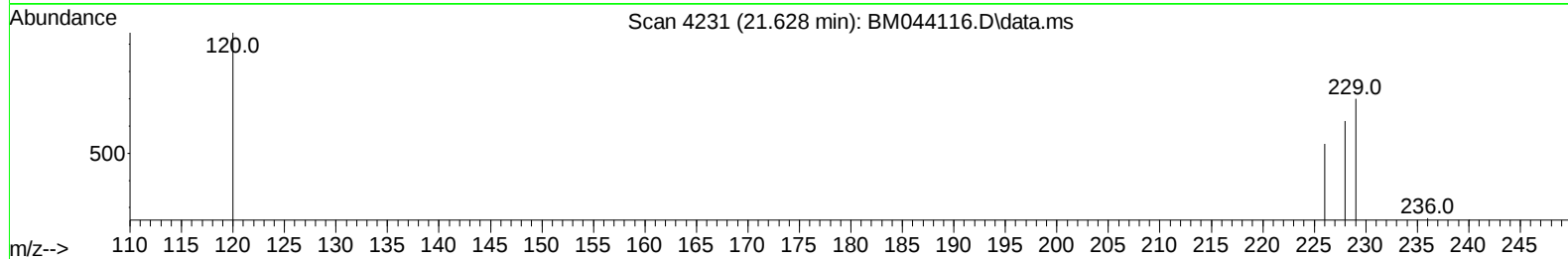
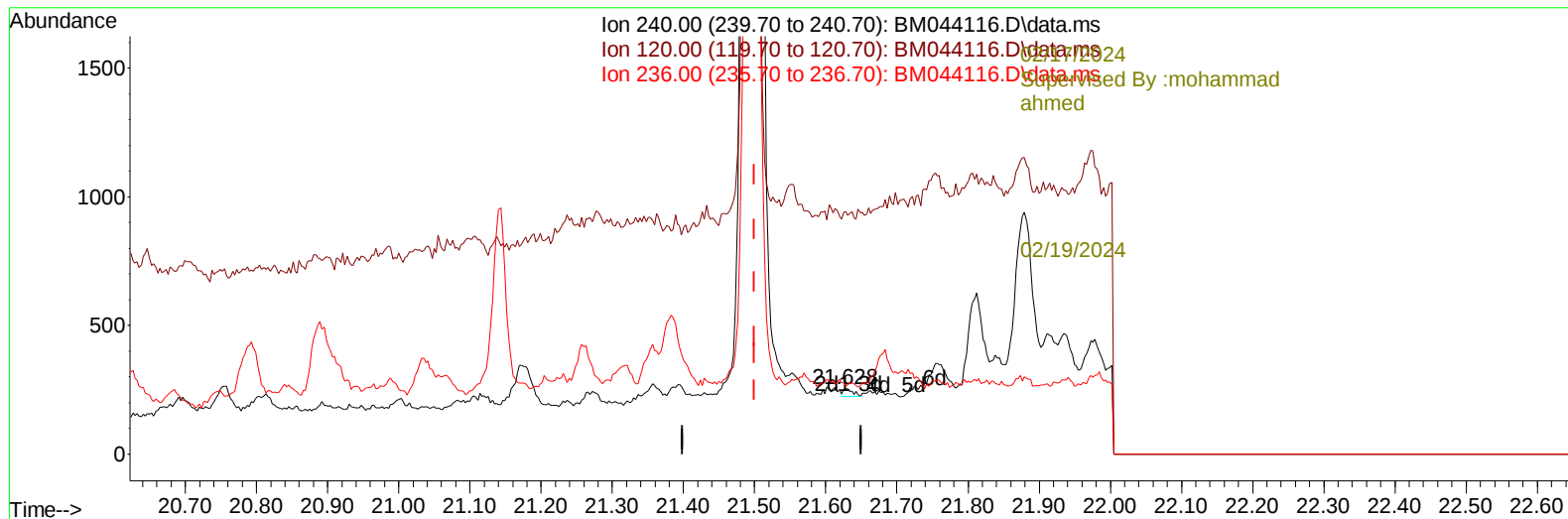
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(17) Chrysene-d12

21.628min (+ 0.128) 0.40 ng/u1

response 28

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	371.26#
236.00	30.60	103.15#
0.00	0.00	0.00

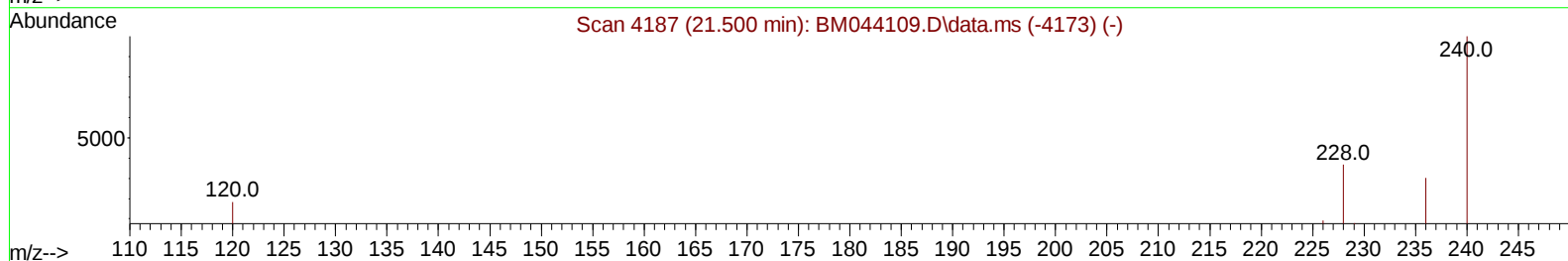
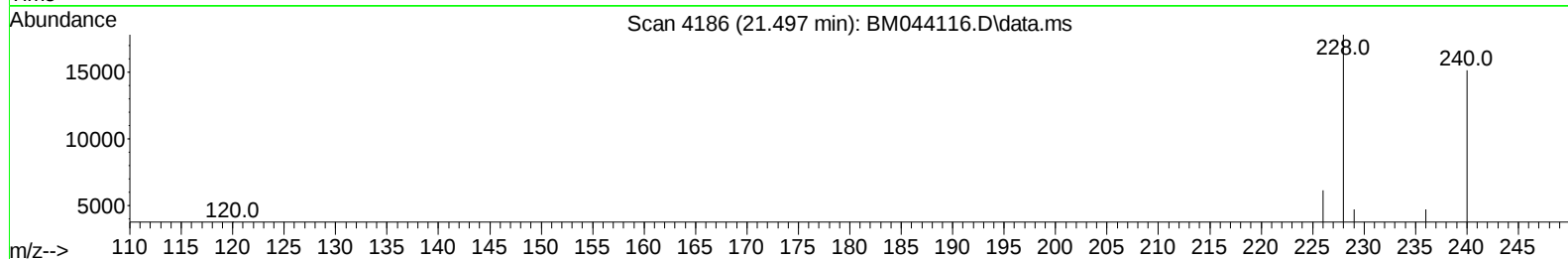
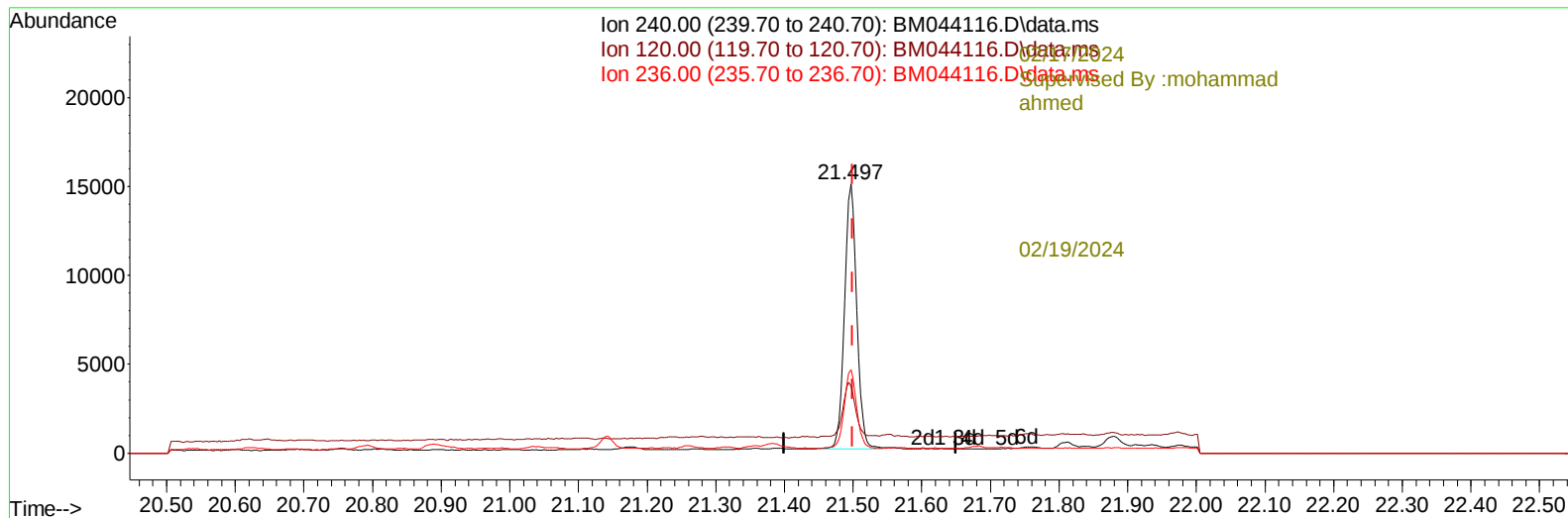
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(17) Chrysene-d12

21.497min (-0.003) 0.40 ng/u1 m

response 18453

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	24.92#
236.00	30.60	31.10
0.00	0.00	0.00

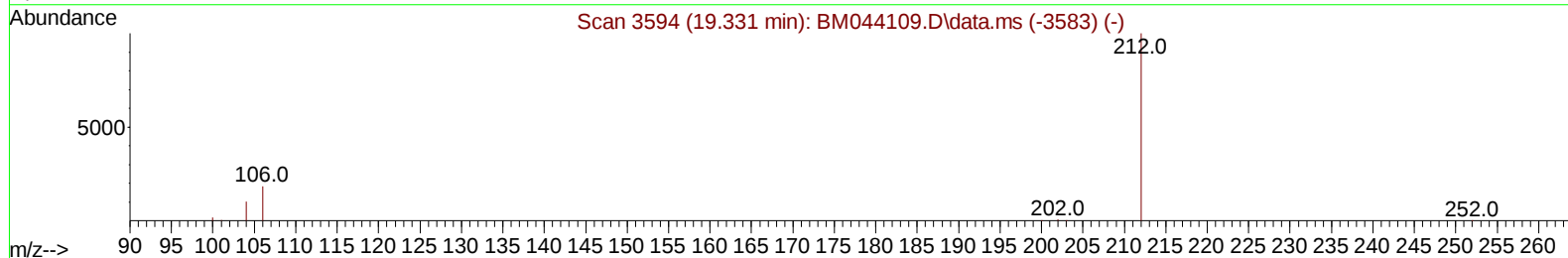
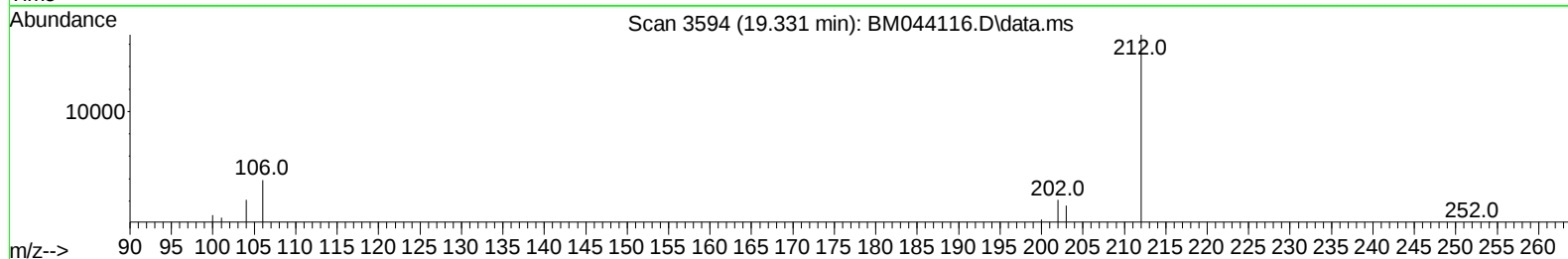
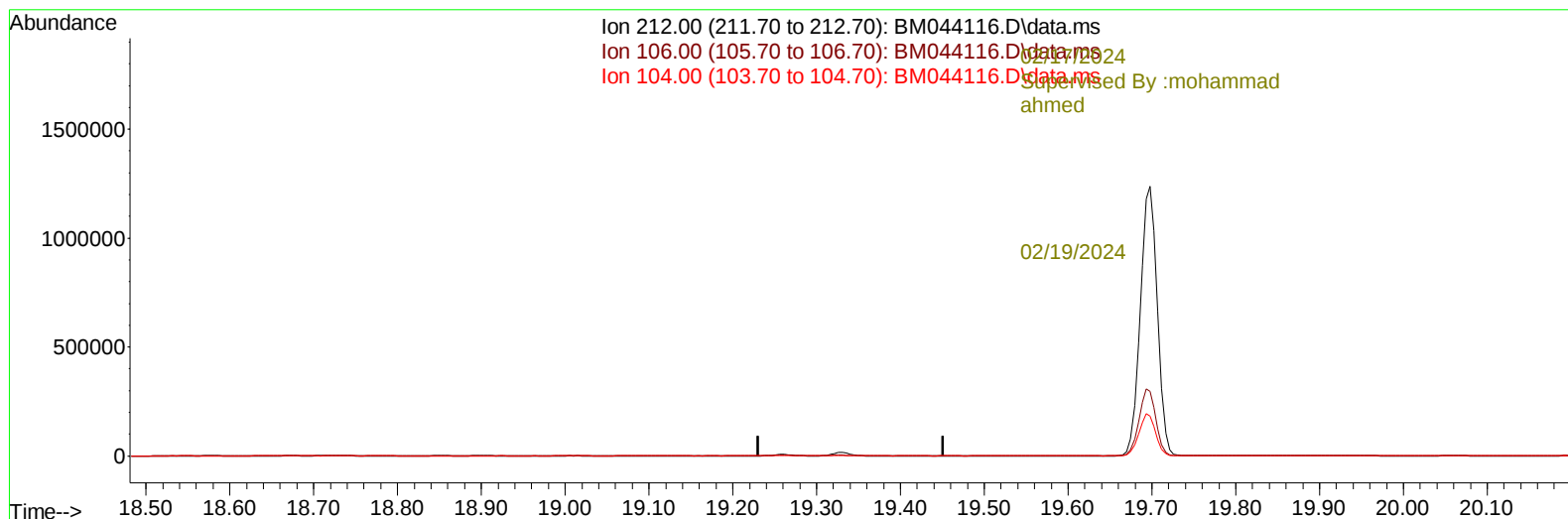
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.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

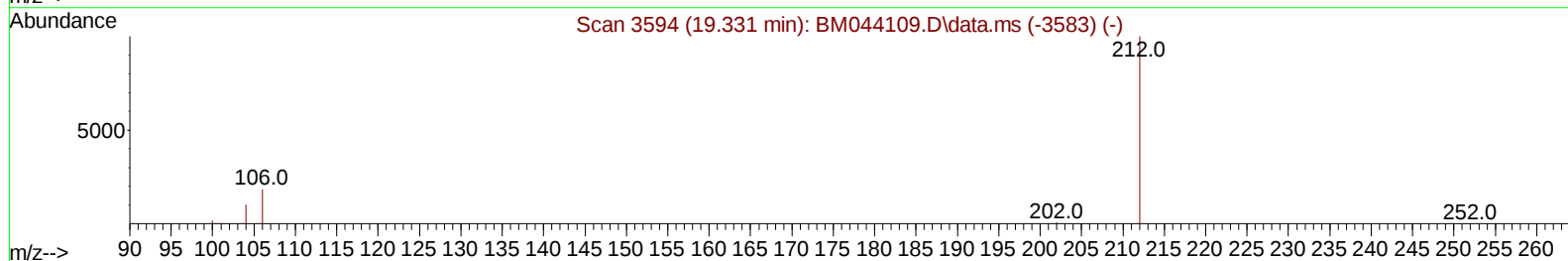
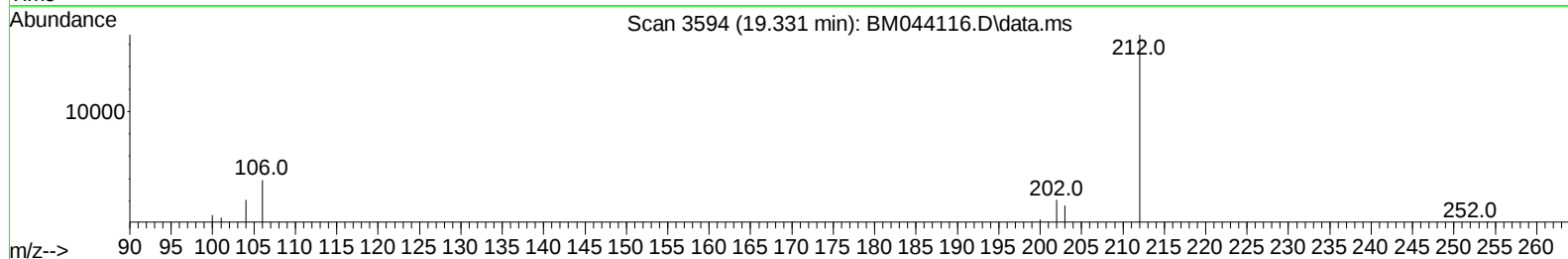
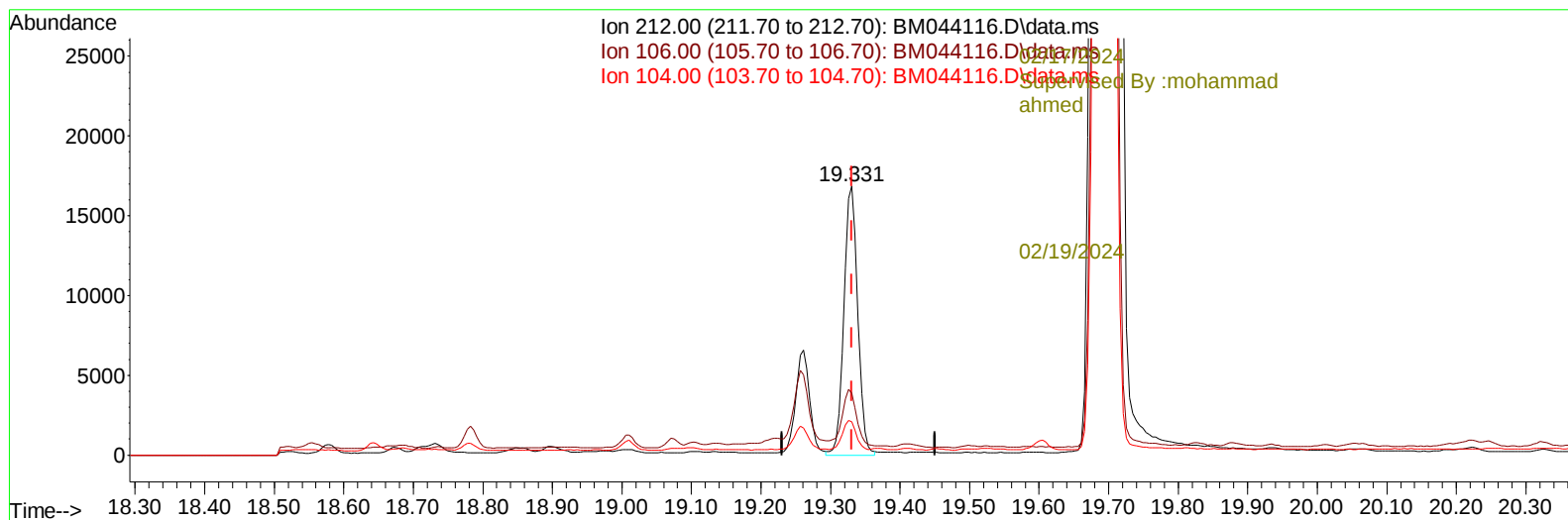
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.331min (-0.000) 0.42 ng/ul m

response 23338

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

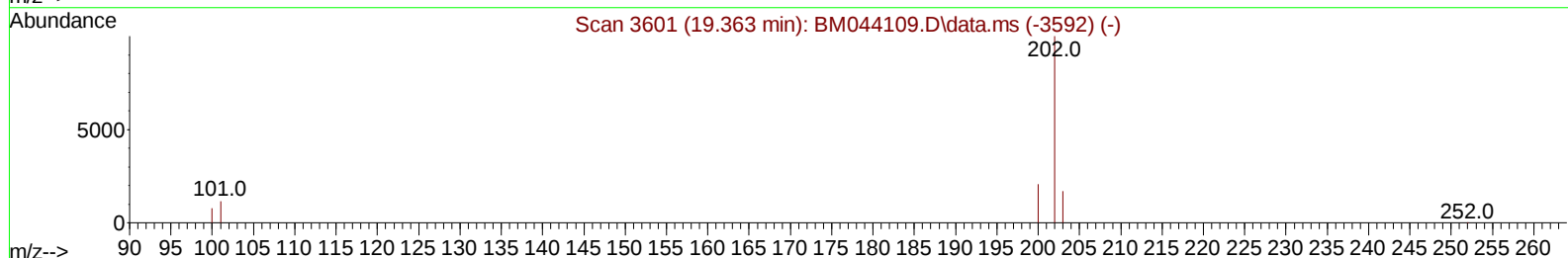
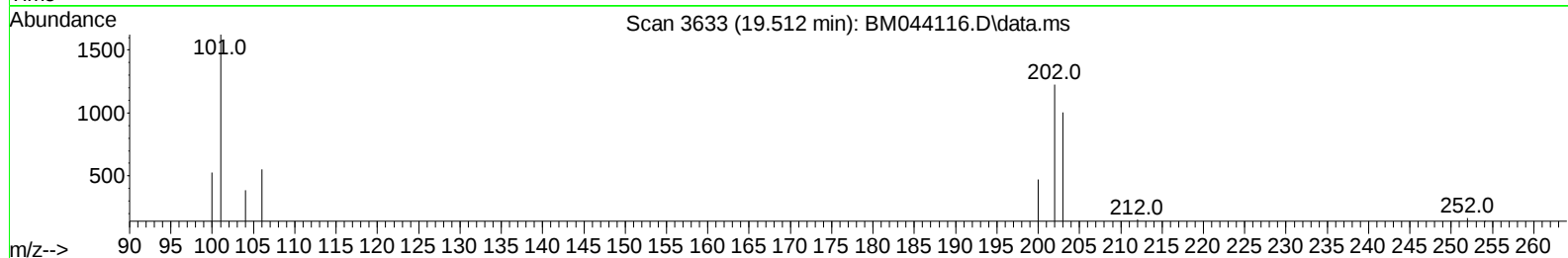
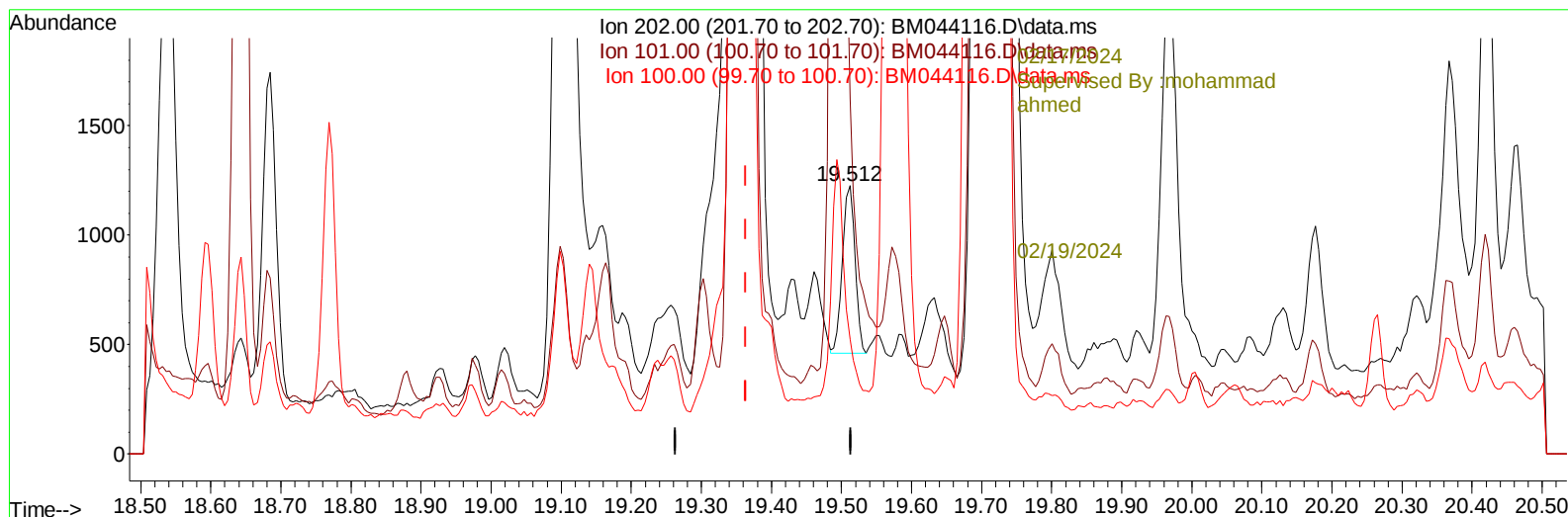
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(19) Fluoranthene (C)

19.512min (+ 0.149) 0.01 ng/u1

response 947

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	132.38#
100.00	8.70	42.82#
0.00	0.00	0.00

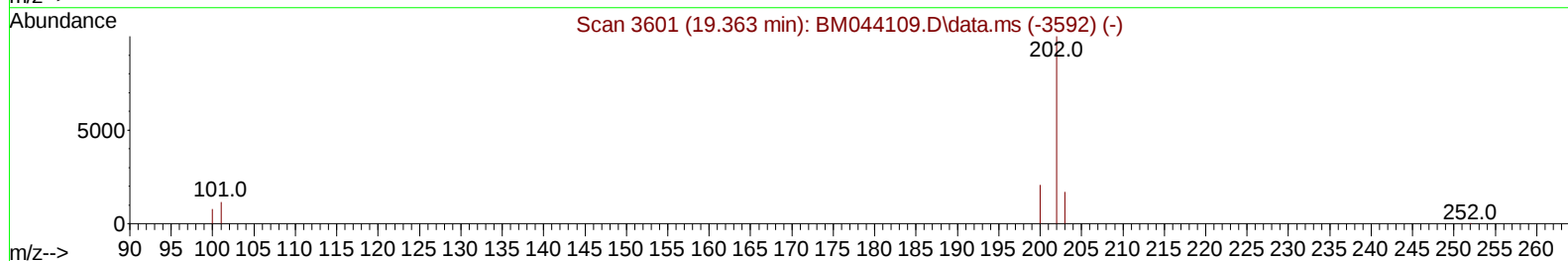
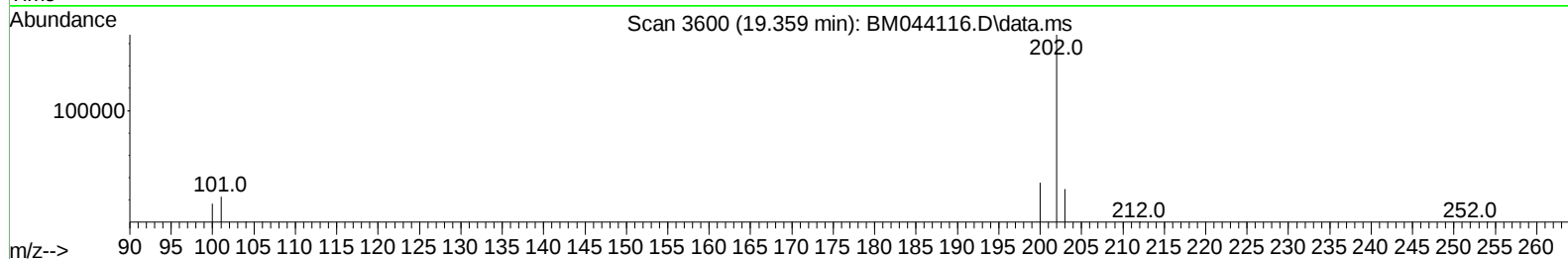
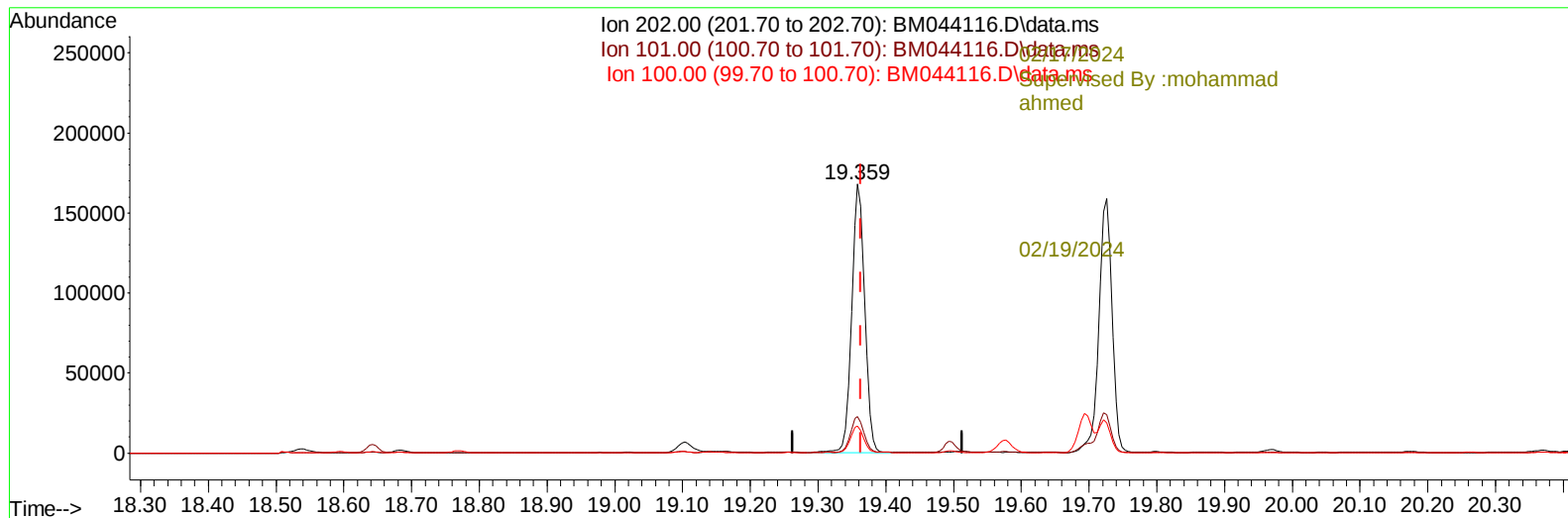
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(19) Fluoranthene (C)

19.359min (-0.005) 2.73 ng/u1 m

response 229743

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	13.68
100.00	8.70	9.99
0.00	0.00	0.00

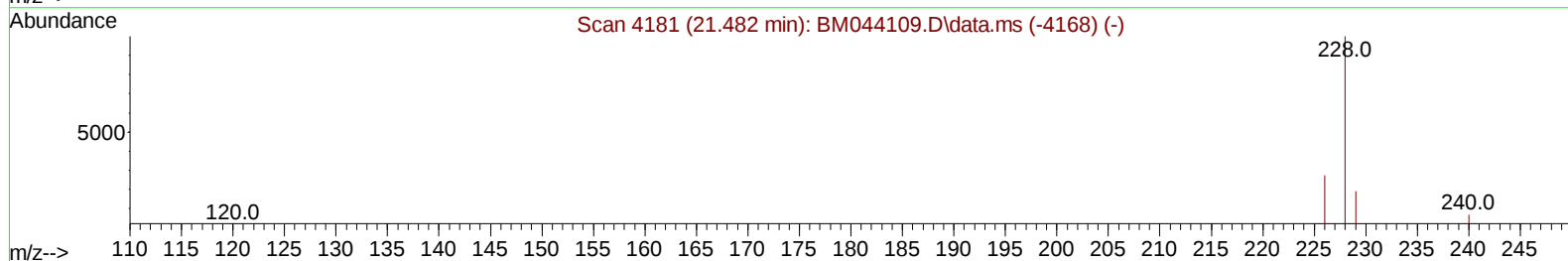
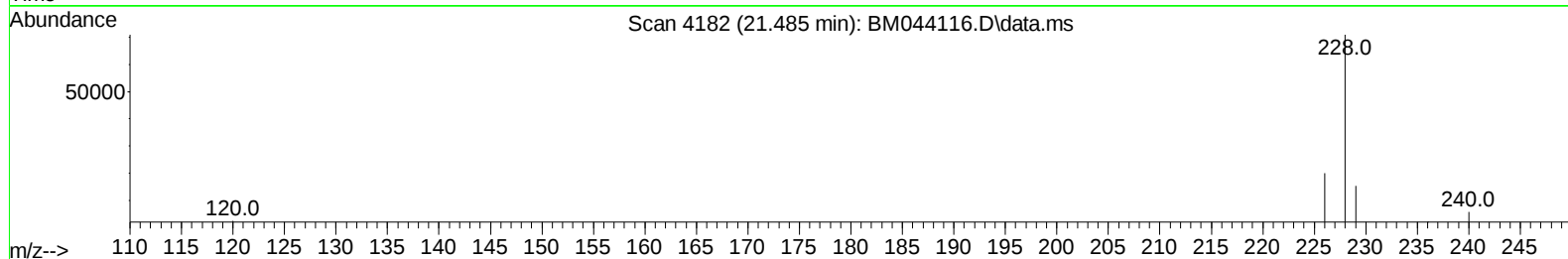
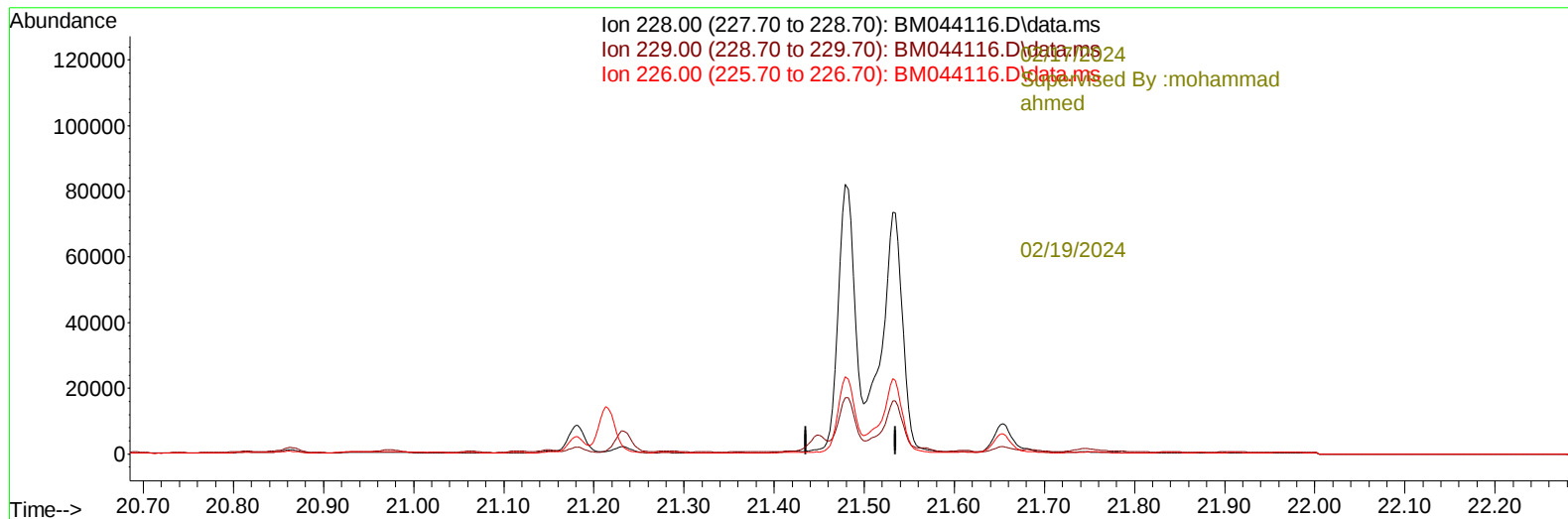
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.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

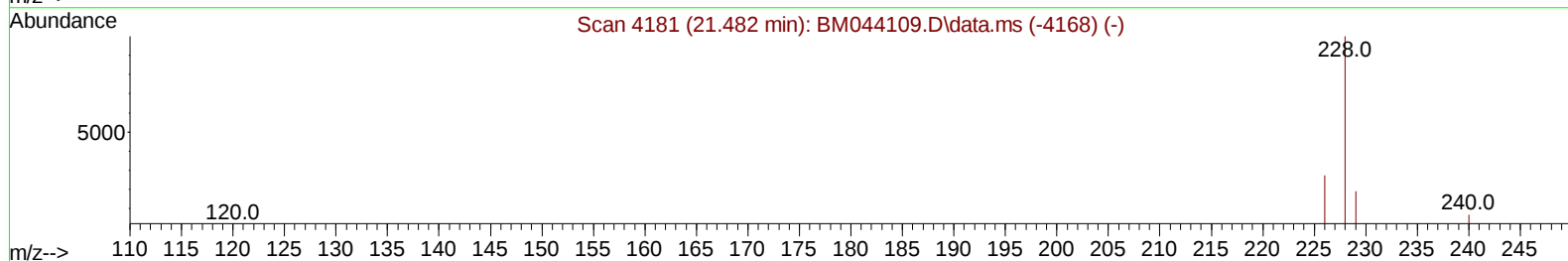
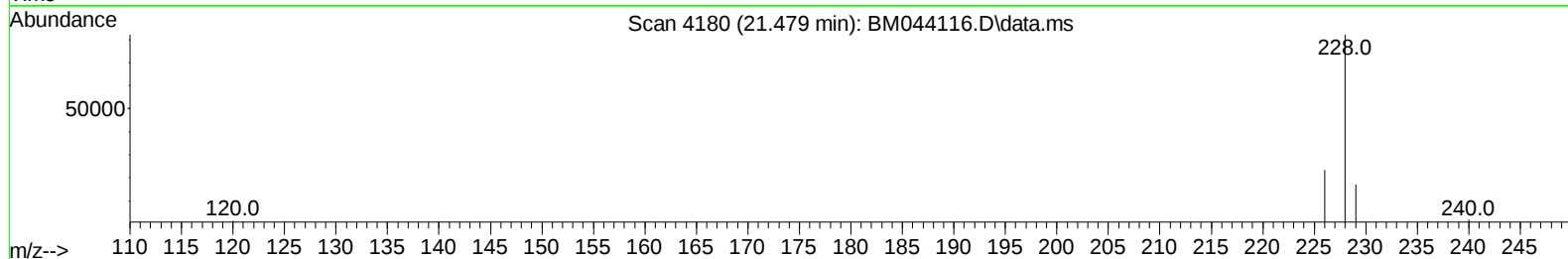
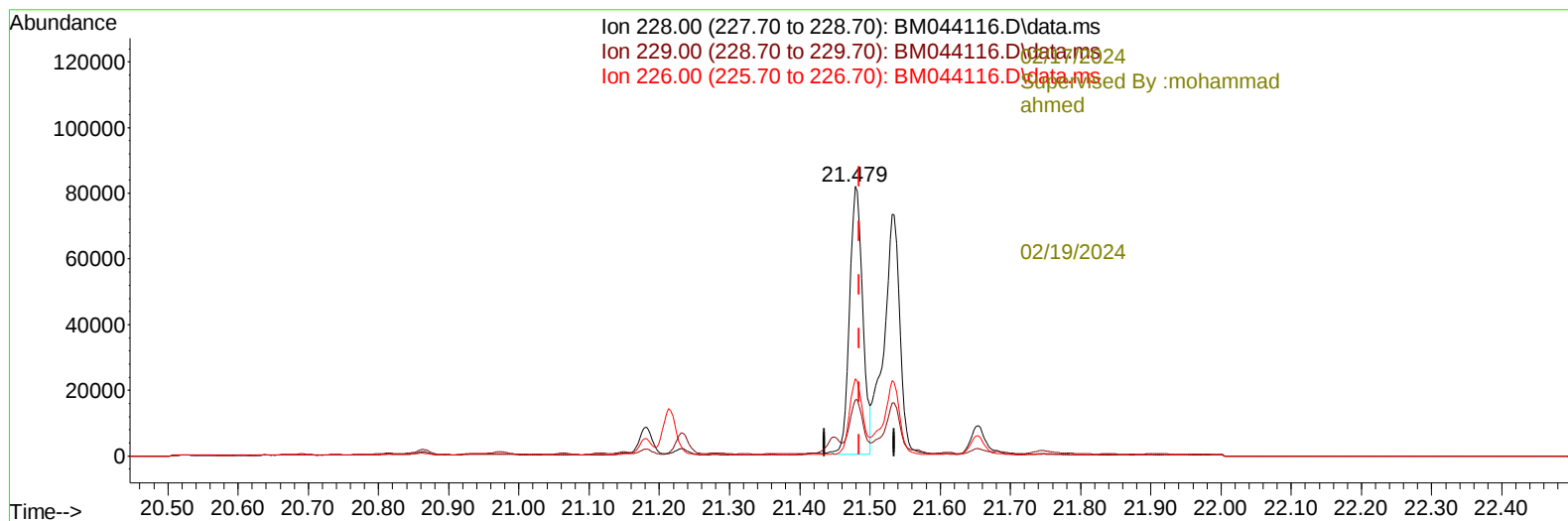
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(21) Benzo(a)anthracene

21.479min (-0.006) 1.25 ng/u1 m

response 105942

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	20.83
226.00	27.60	28.58
0.00	0.00	0.00

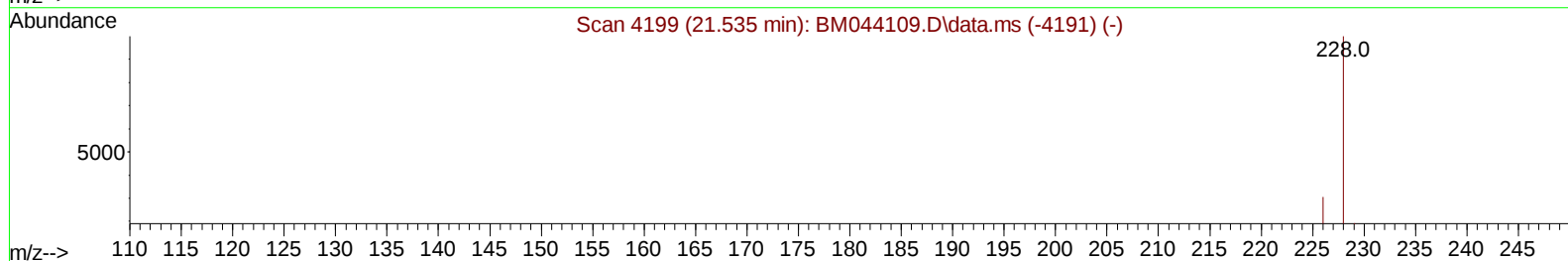
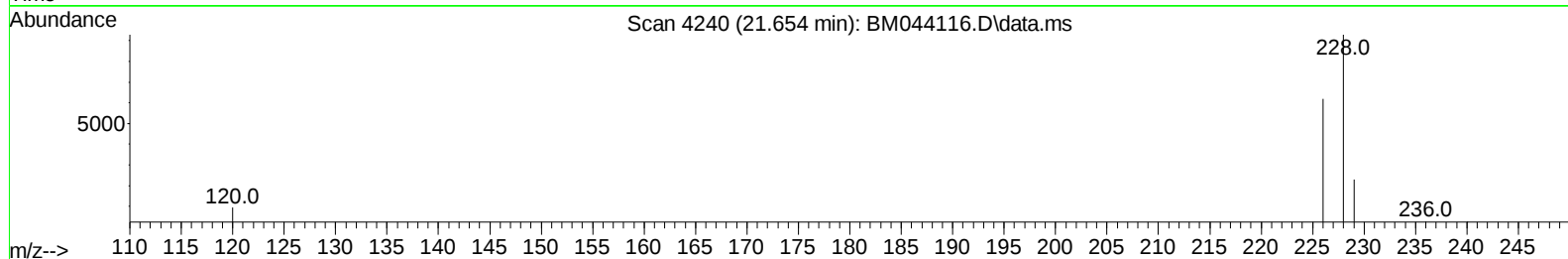
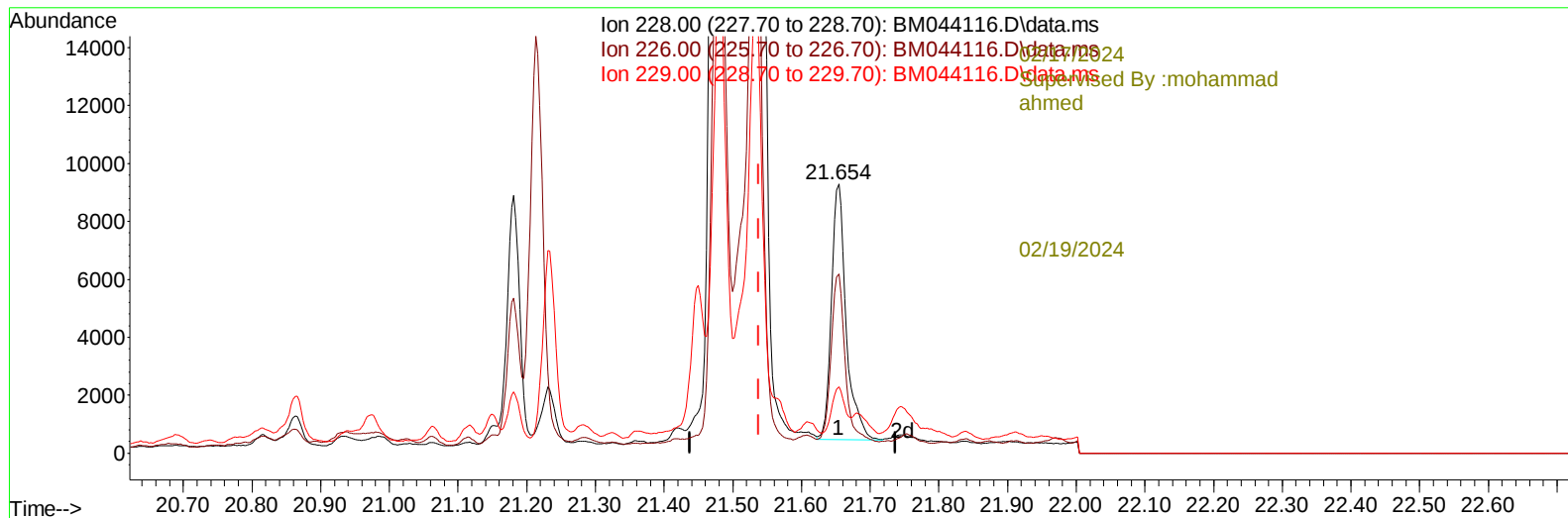
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(22) Chrysene

21.654min (+ 0.117) 0.14 ng/u1

response 13118

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	66.49#
229.00	19.70	24.70#
0.00	0.00	0.00

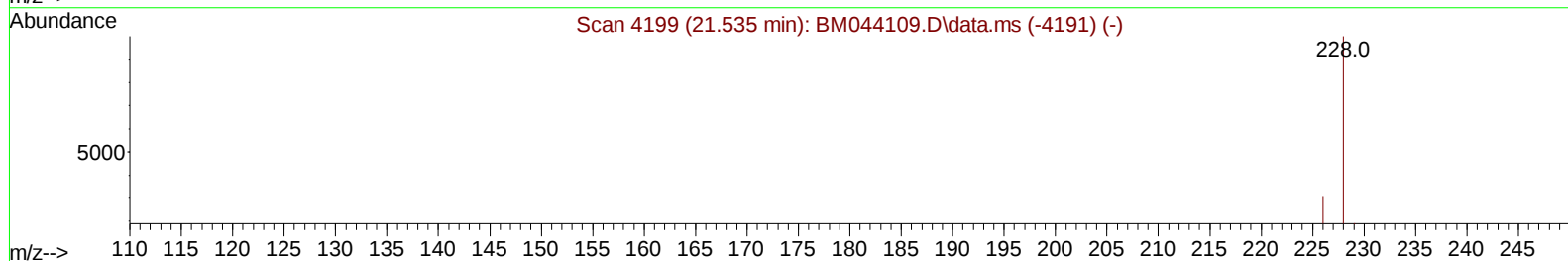
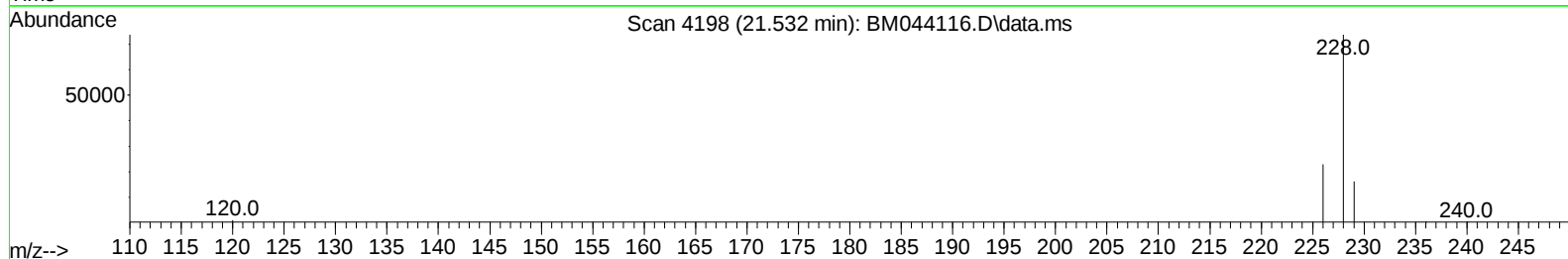
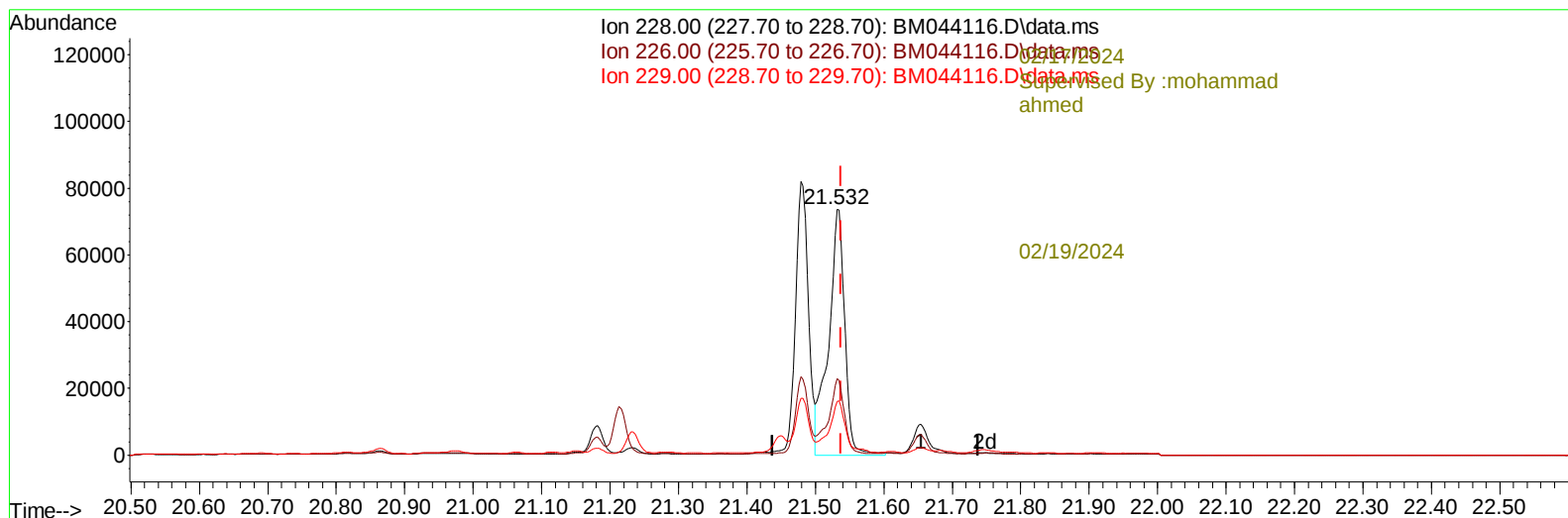
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(22) Chrysene

21.532min (-0.006) 1.33 ng/u1 m

response 120956

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	31.13
229.00	19.70	21.92
0.00	0.00	0.00

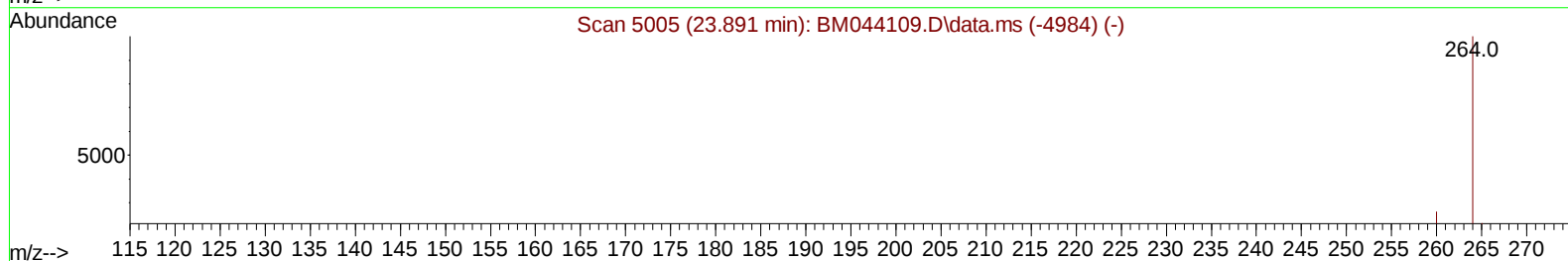
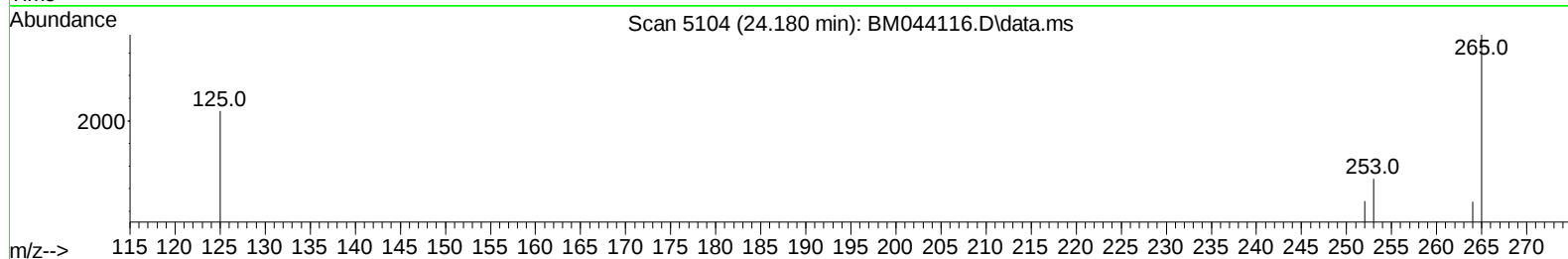
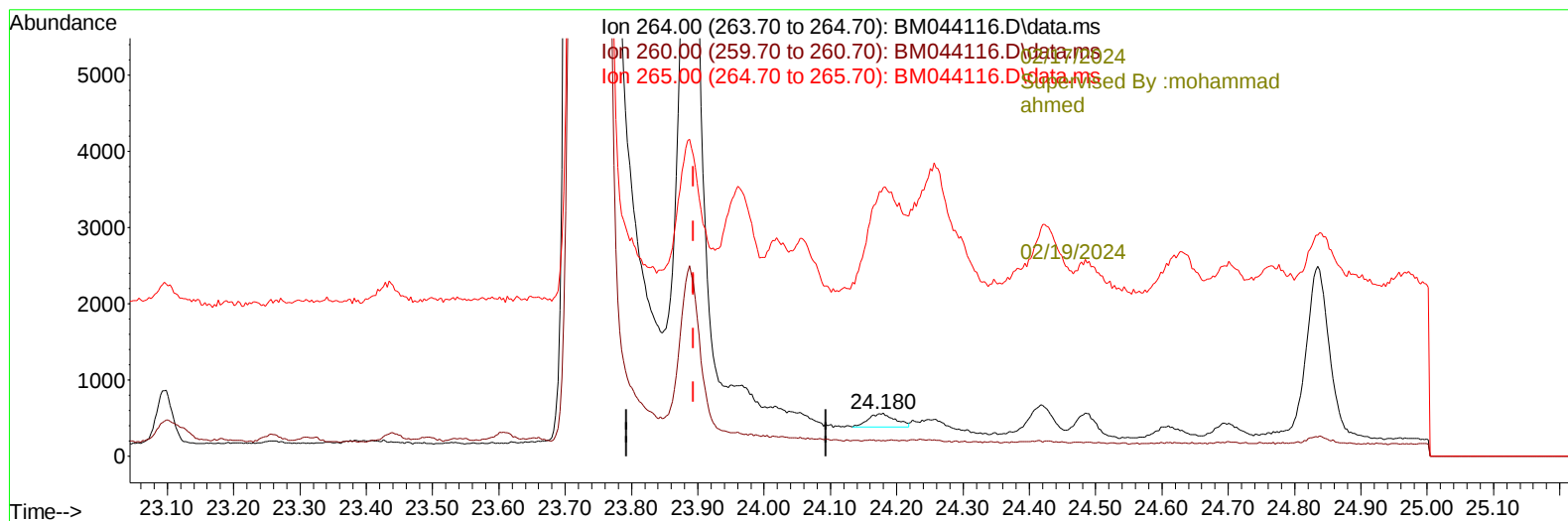
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(23) Perylene-d12 (I)

24.180min (+ 0.286) 0.40 ng/u1

response 501

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	36.72#
265.00	45.40	628.34#
0.00	0.00	0.00

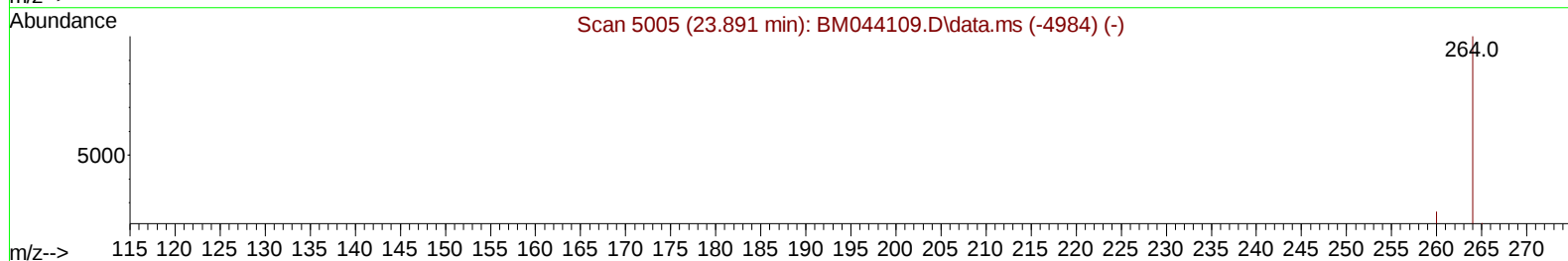
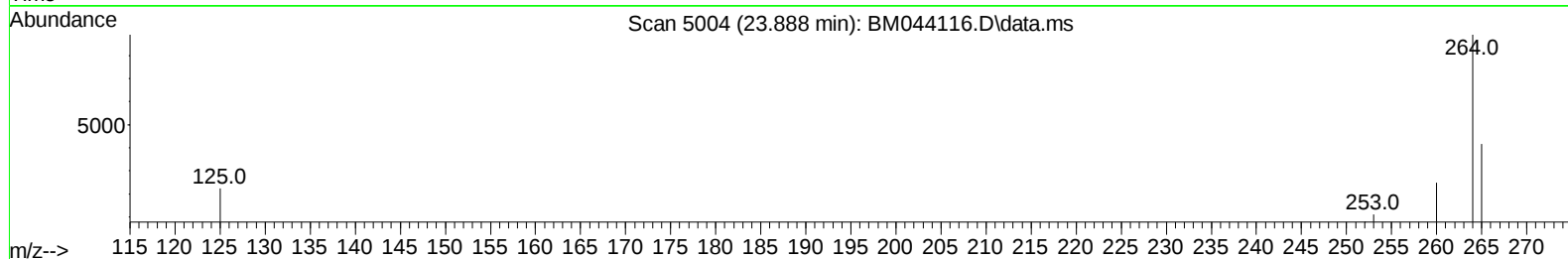
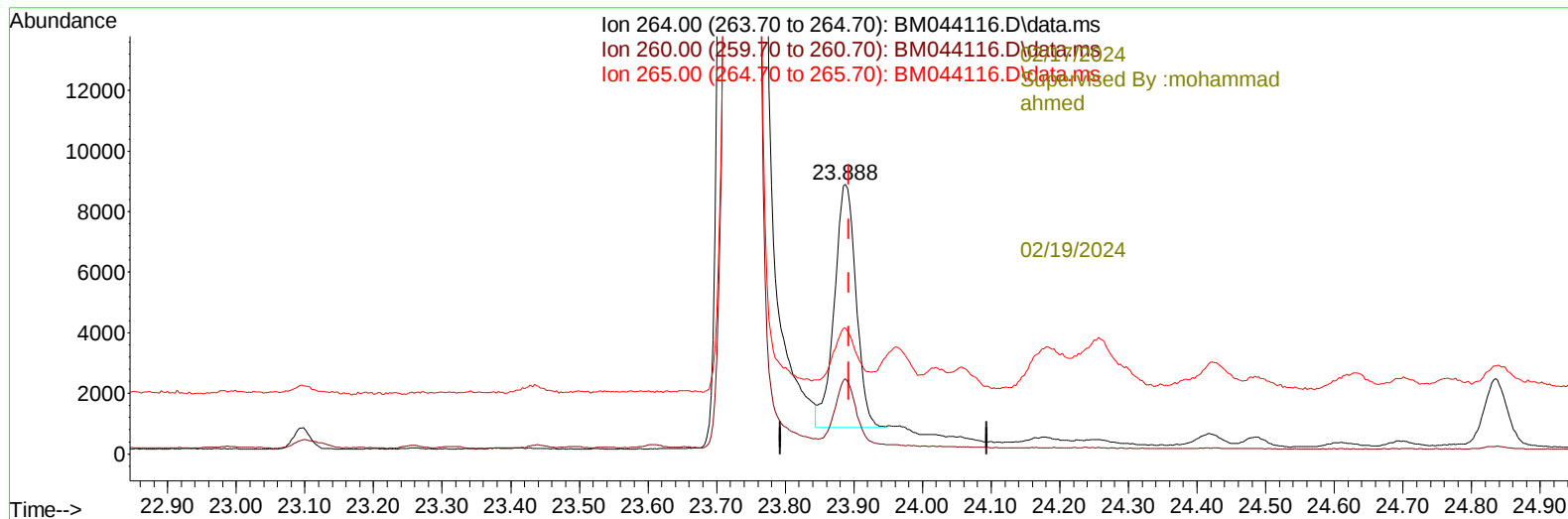
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(23) Perylene-d12 (I)

23.888min (-0.006) 0.40 ng/ul m

response 17675

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	28.06
265.00	45.40	46.75
0.00	0.00	0.00

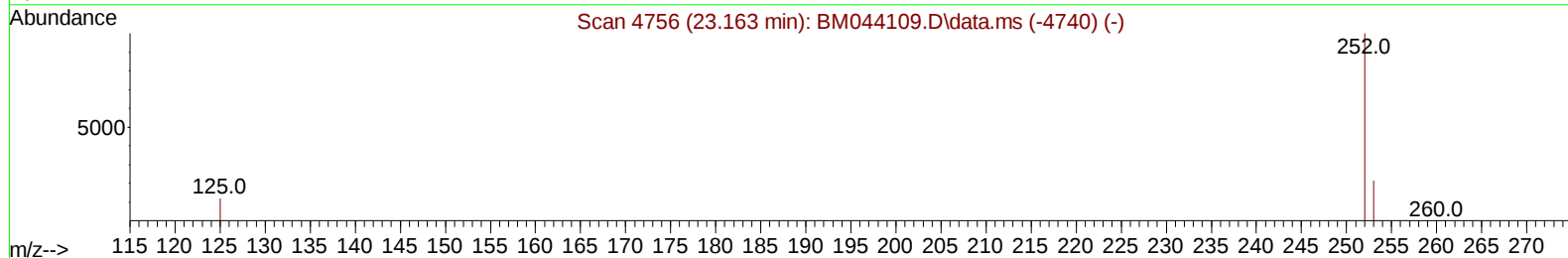
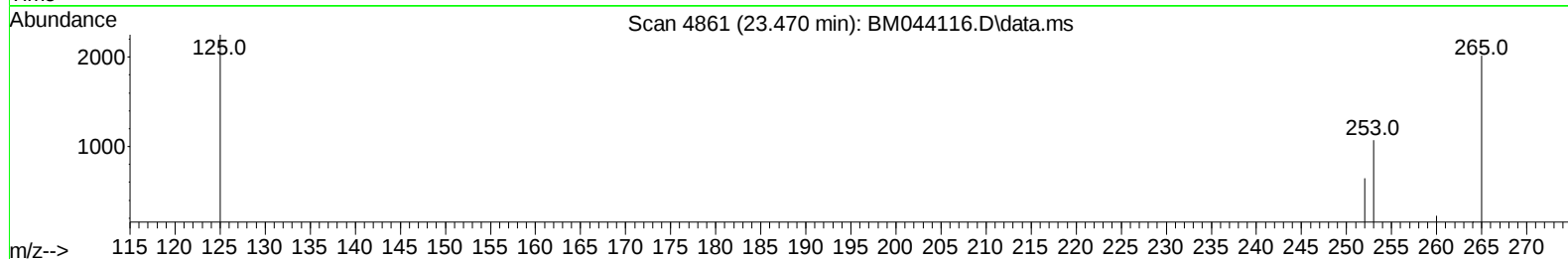
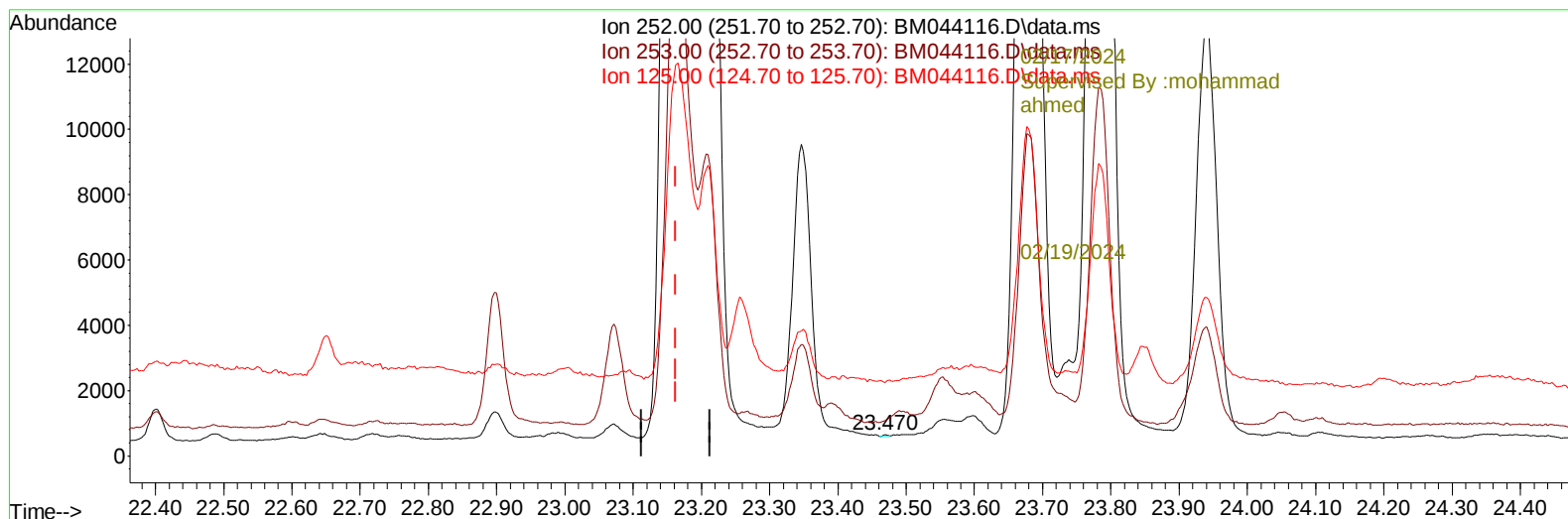
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(24) Benzo(b)fluoranthene

23.470min (+ 0.307) 0.00 ng/u1

response	35	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	166.10#
125.00	14.10	348.14#
0.00	0.00	0.00

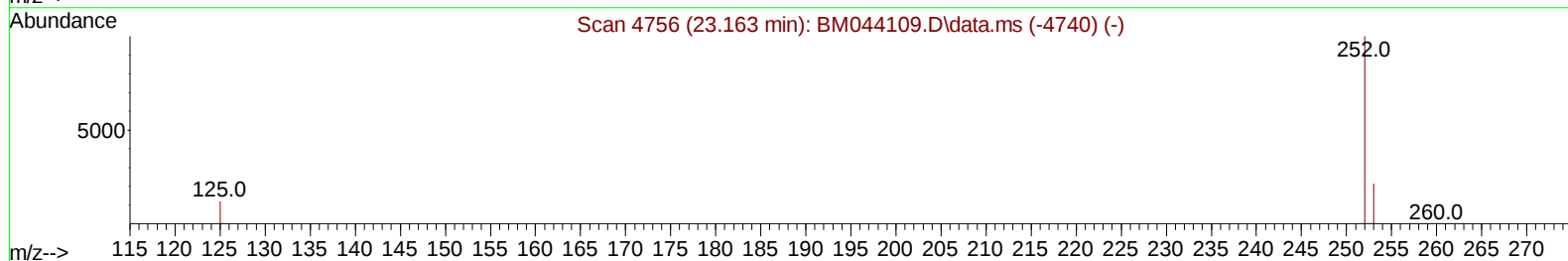
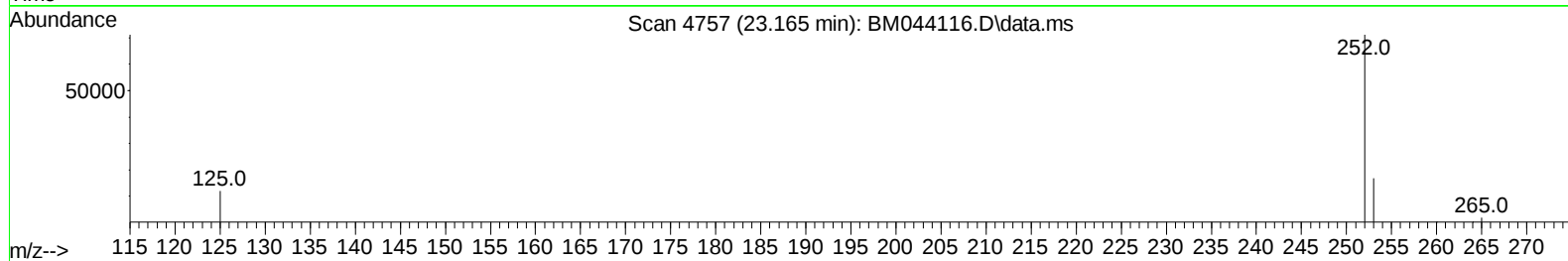
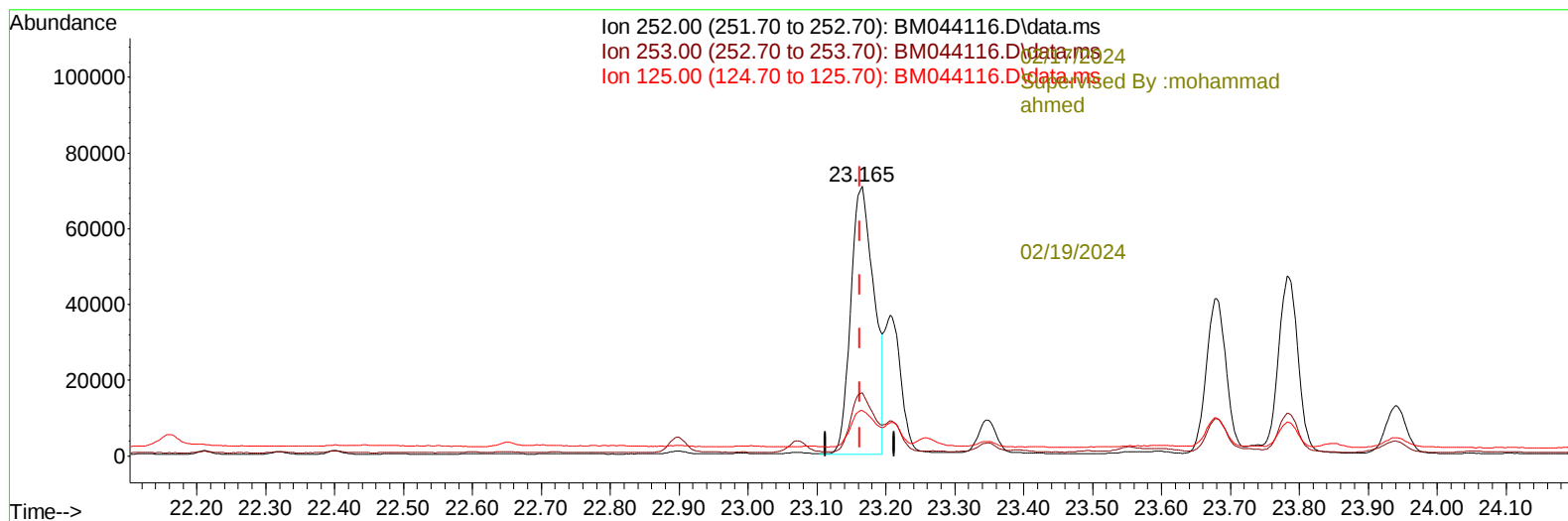
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044116.D
 Acq On : 16 Feb 2024 00:37
 Operator : MA/JU
 Sample : P1329-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR5

Manual IntegrationsAPPROVED

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

Quant Time: Feb 17 02:46:22 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



TIC: BM044116.D\data.ms

(24) Benzo(b)fluoranthene

23.165min (+ 0.003) 2.29 ng/ul m

response 167367

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	23.45
125.00	14.10	16.91
0.00	0.00	0.00

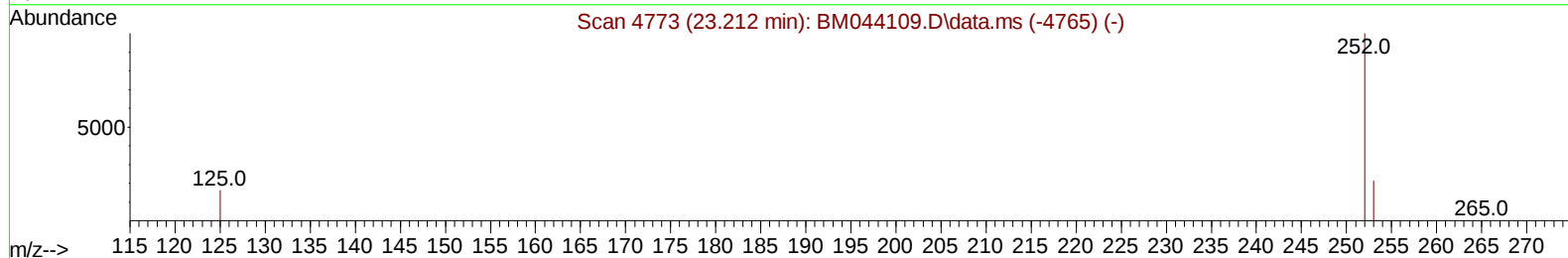
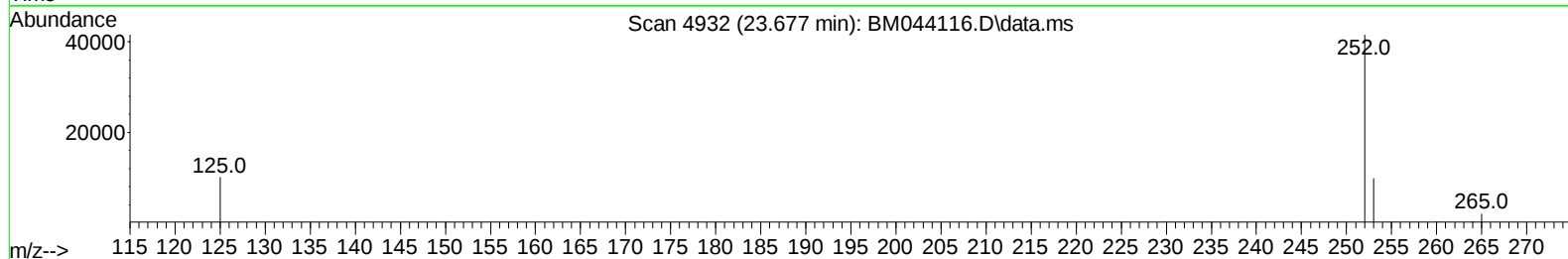
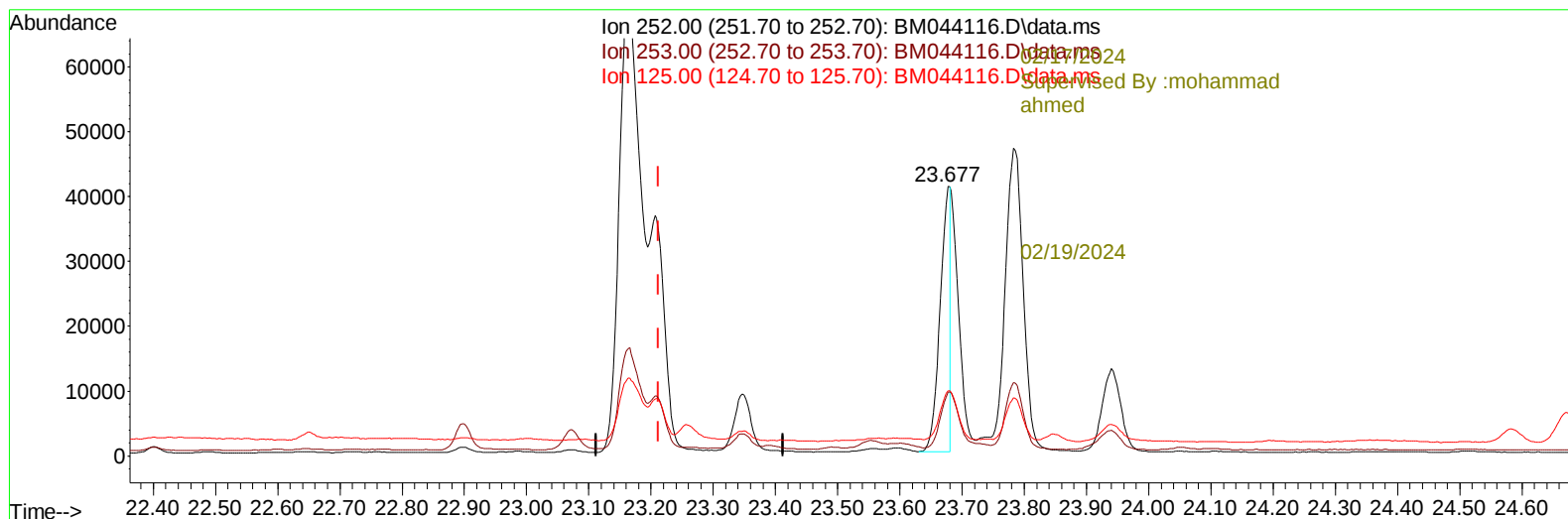
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(25) Benzo(k)fluoranthene

23.677min (+ 0.465) 0.58 ng/u1

response 45871

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.74
125.00	15.40	24.28#
0.00	0.00	0.00

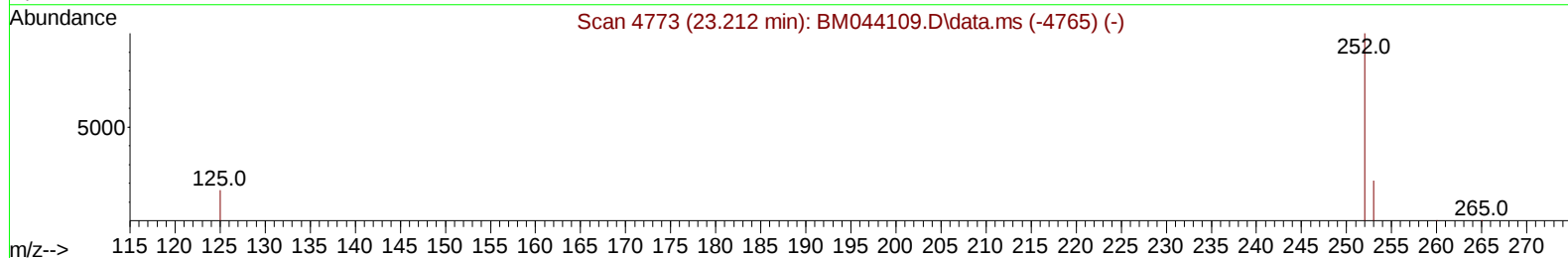
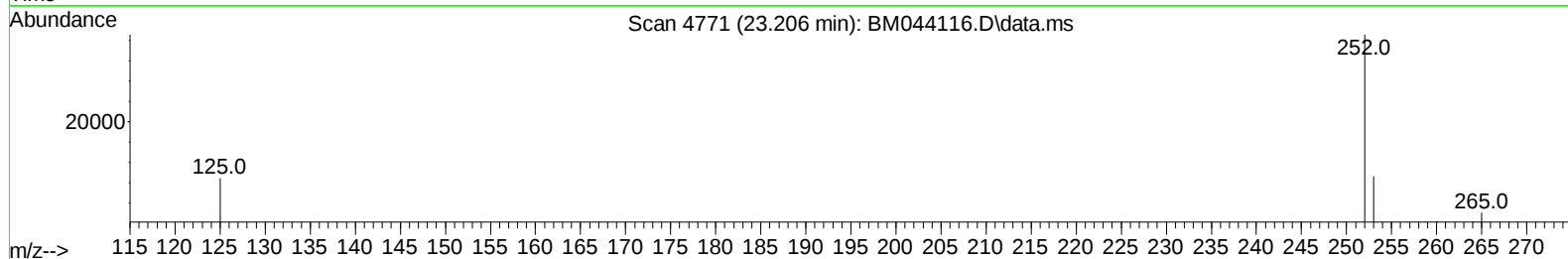
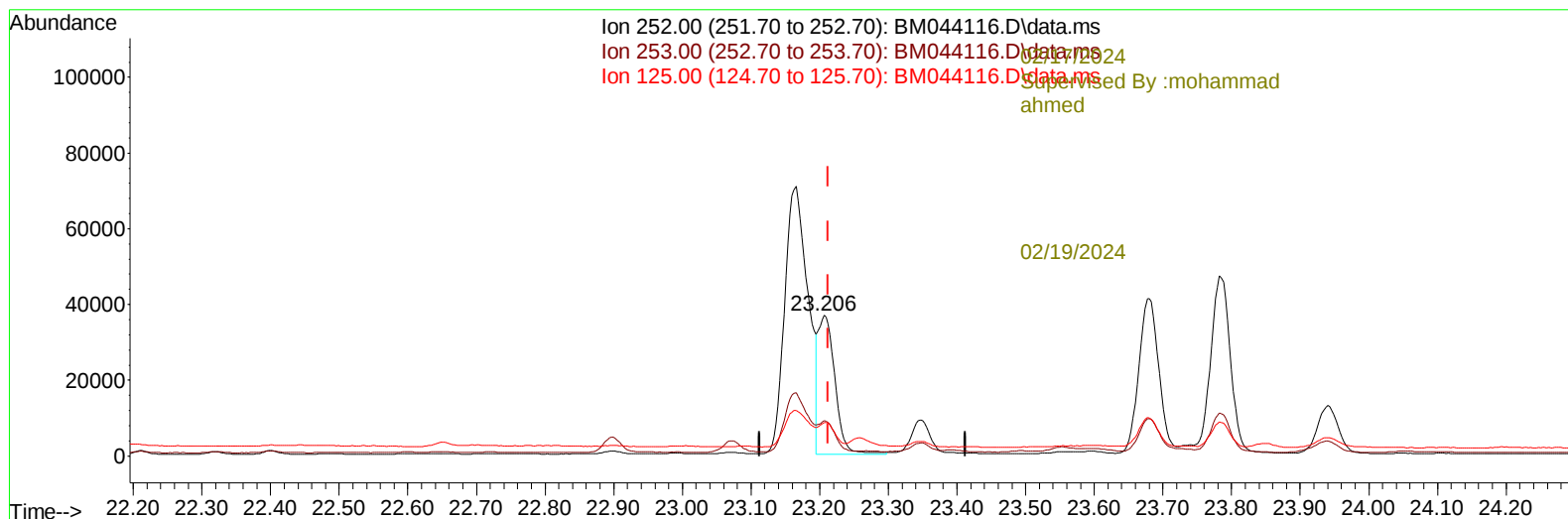
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(25) Benzo(k)fluoranthene

23.206min (-0.006) 0.78 ng/u1 m

response 61786

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.89
125.00	15.40	23.60#
0.00	0.00	0.00

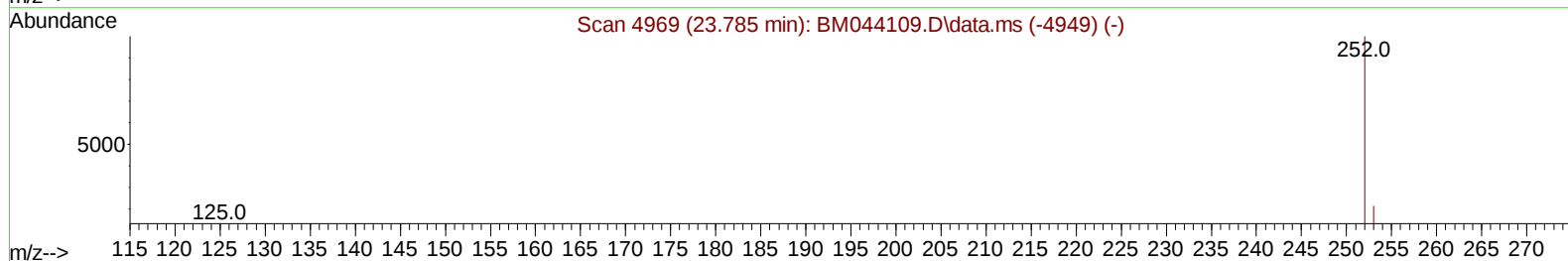
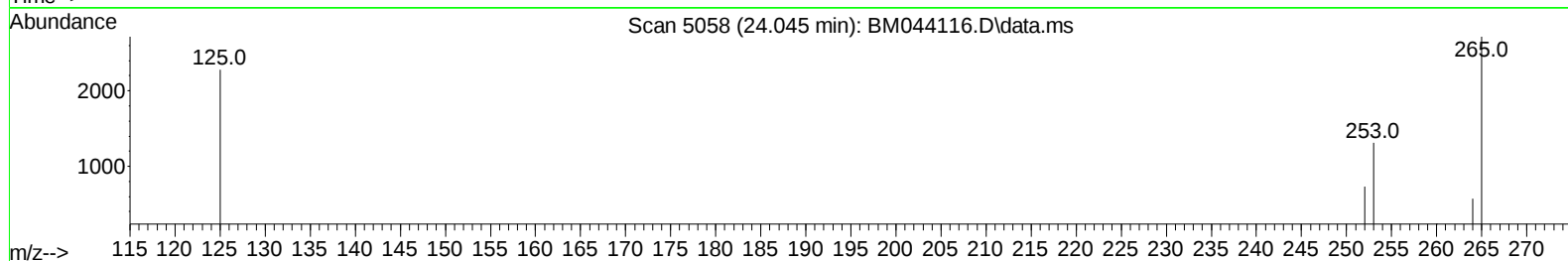
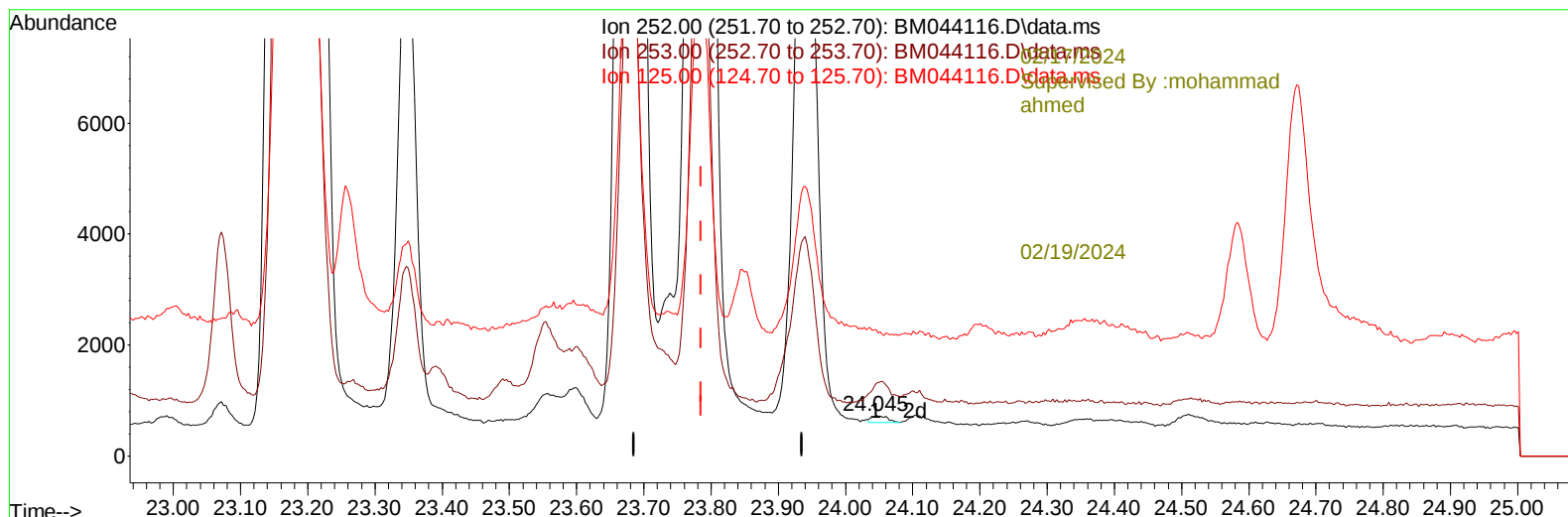
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(26) Benzo(a)pyrene (C)

24.045min (+ 0.260) 0.00 ng/u1

response 197

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	179.73#
125.00	16.60	312.33#
0.00	0.00	0.00

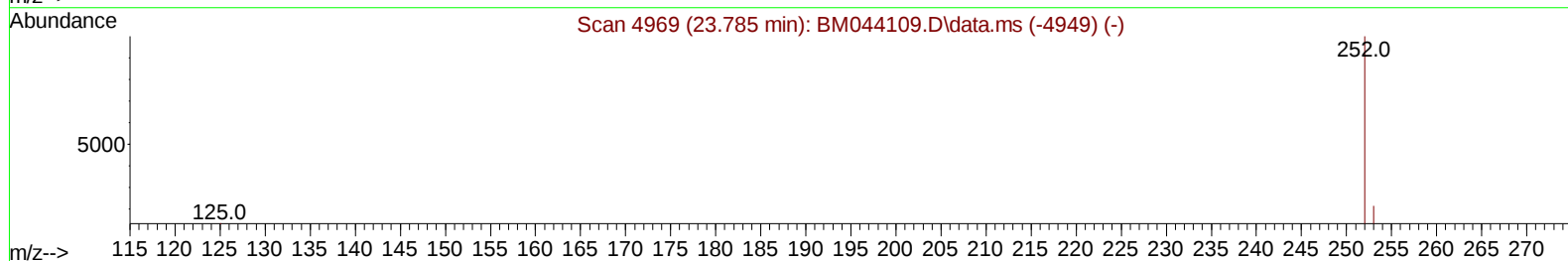
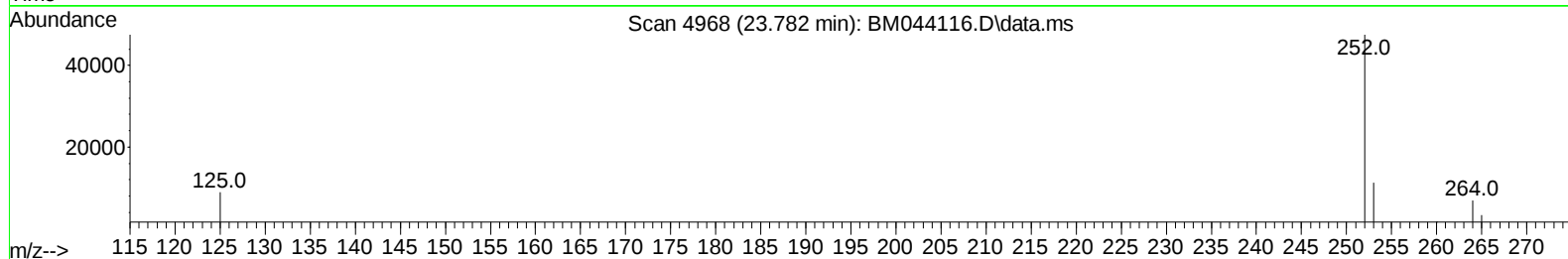
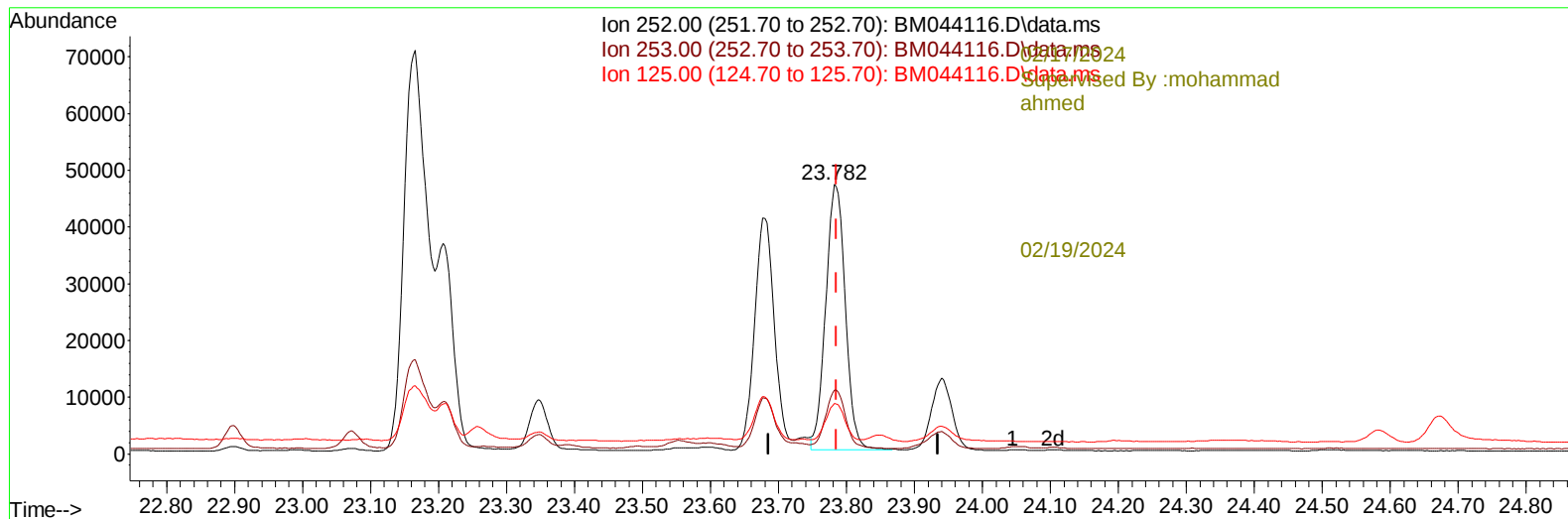
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(26) Benzo(a)pyrene (C)

23.782min (-0.003) 1.38 ng/u1 m

response 93588

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	23.78
125.00	16.60	18.88
0.00	0.00	0.00

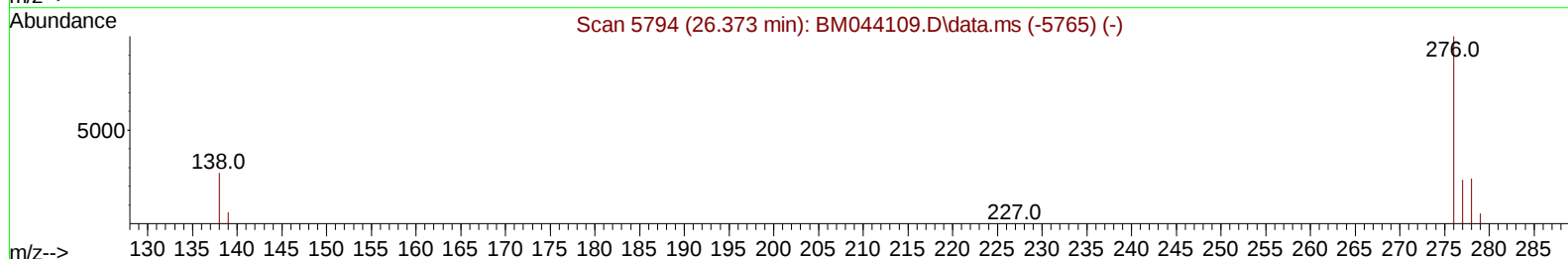
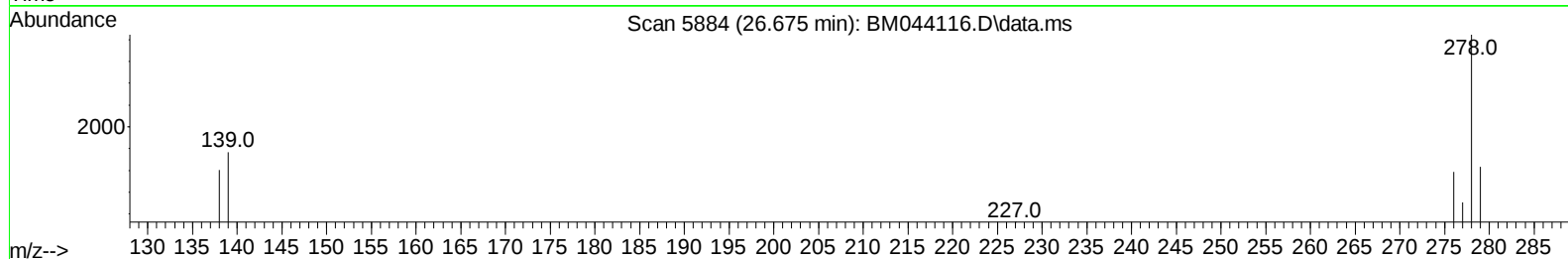
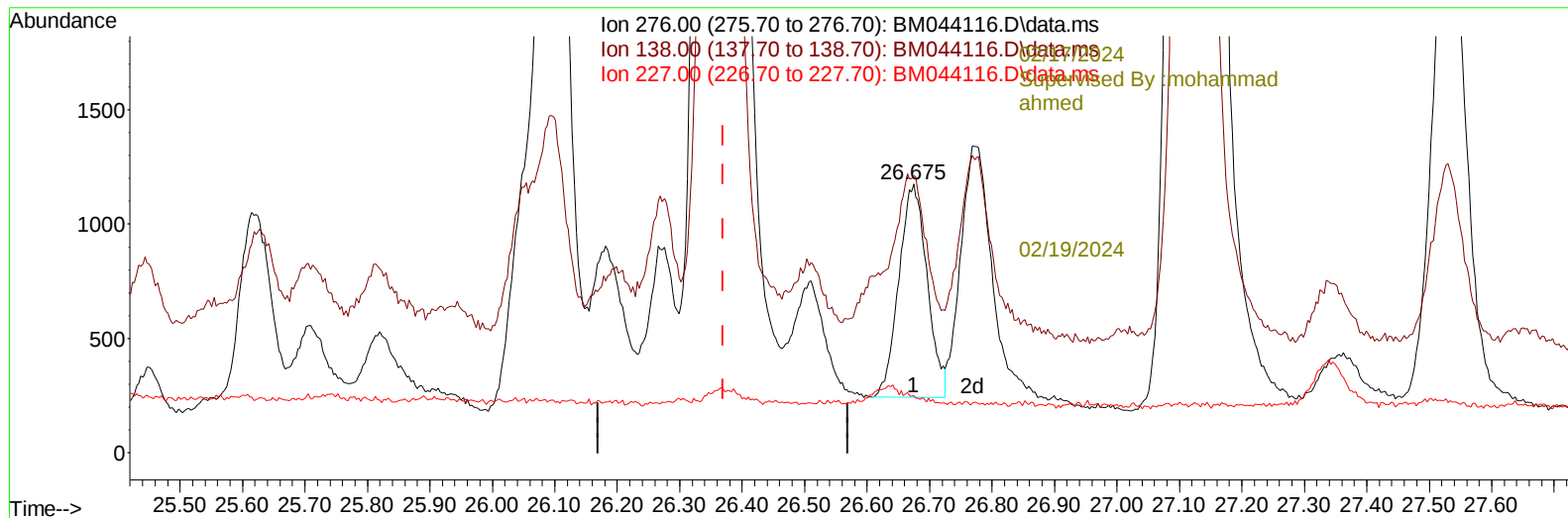
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

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

26.675min (+ 0.305) 0.03 ng/u1

response 2932

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	94.44#
227.00	0.10	0.00#
0.00	0.00	0.00

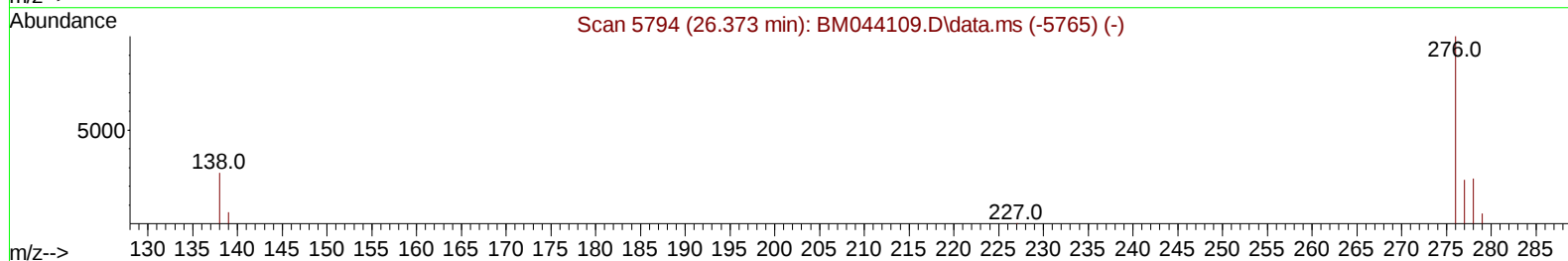
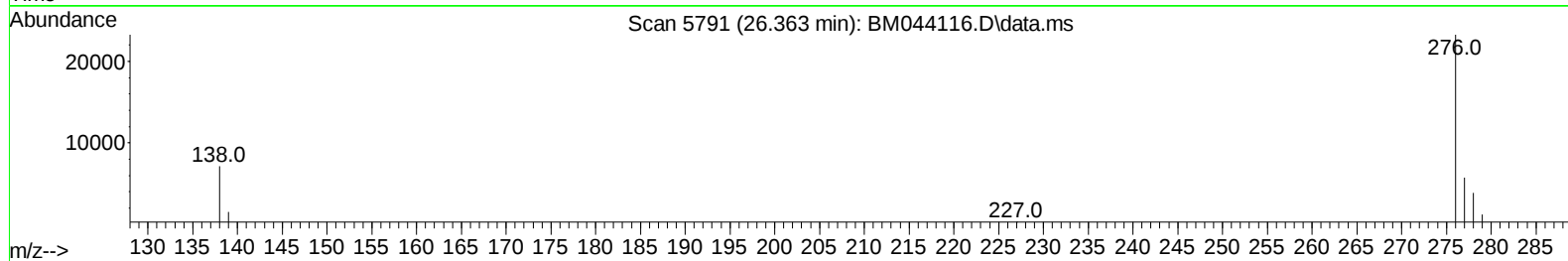
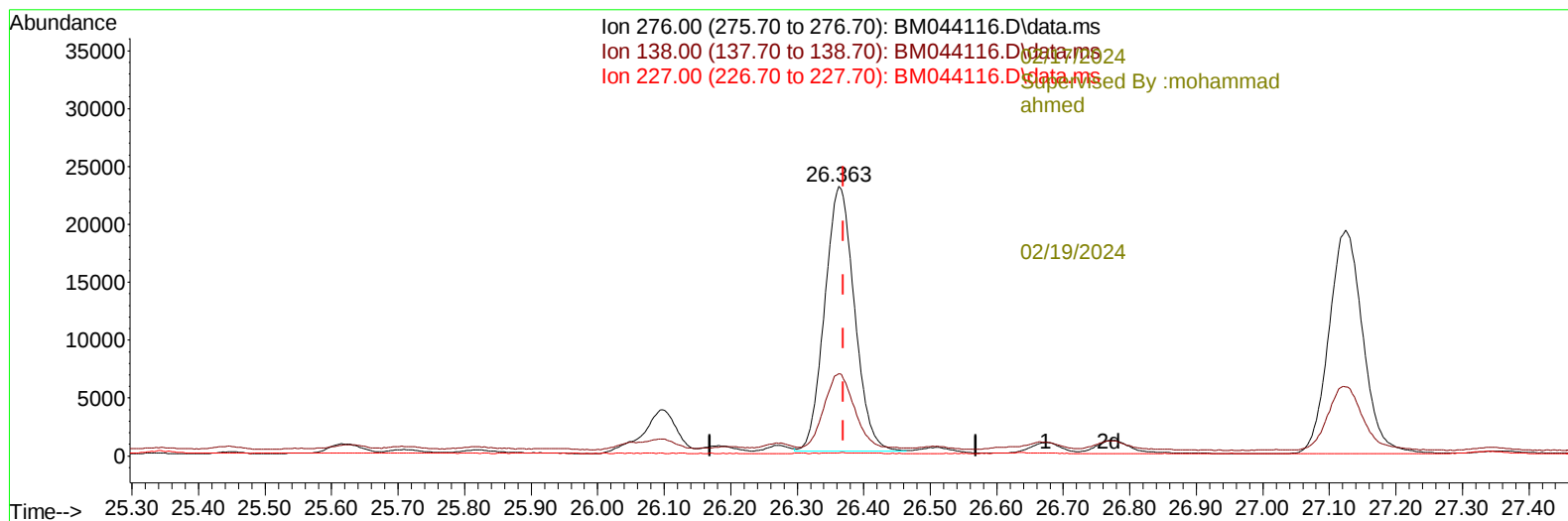
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

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

26.363min (-0.007) 0.83 ng/u1 m

response 71295

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	3.88#
227.00	0.10	0.00#
0.00	0.00	0.00

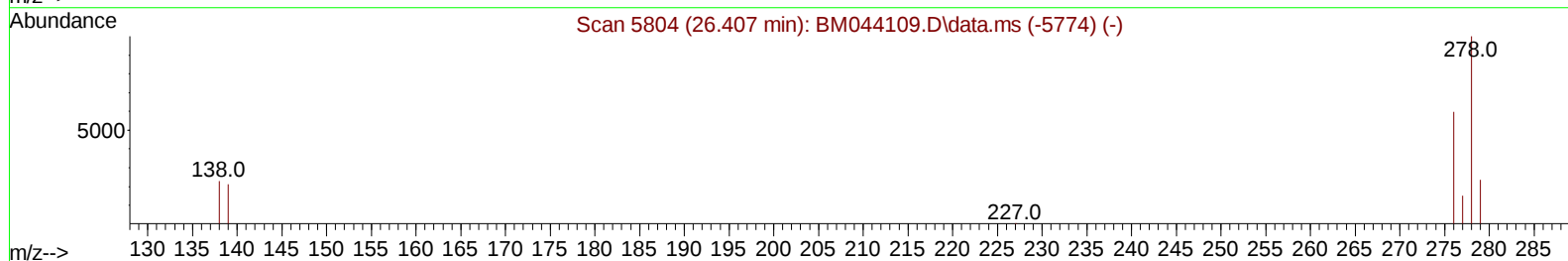
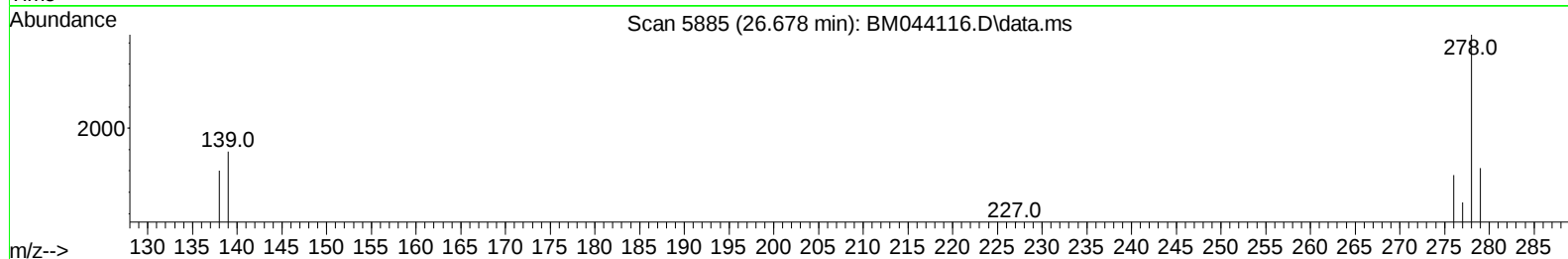
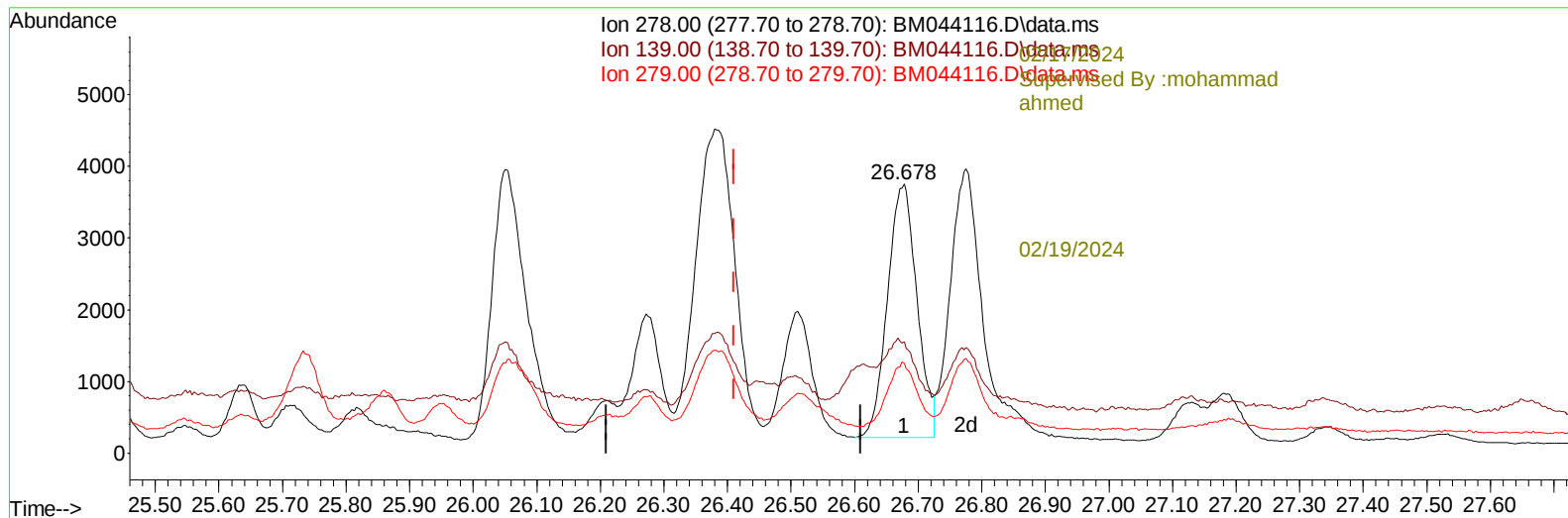
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(28) Dibenzo(a,h)anthracene

26.678min (+ 0.268) 0.17 ng/u1

response 11391

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	41.51#
279.00	27.30	33.33#
0.00	0.00	0.00

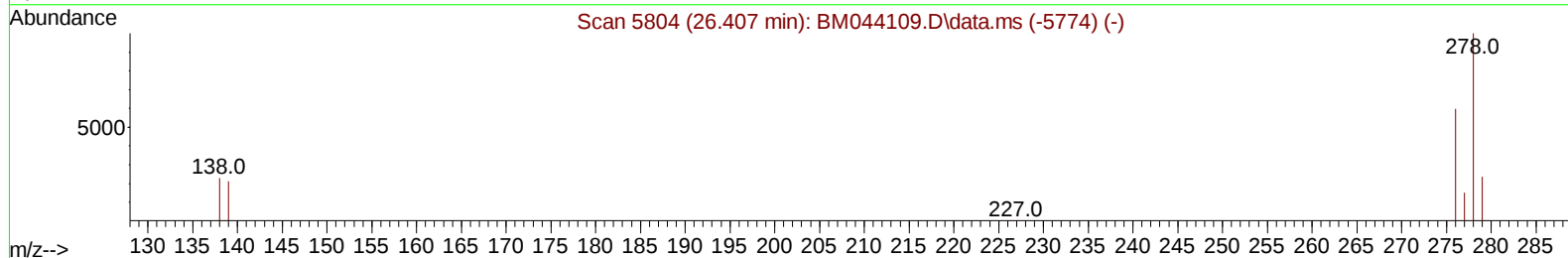
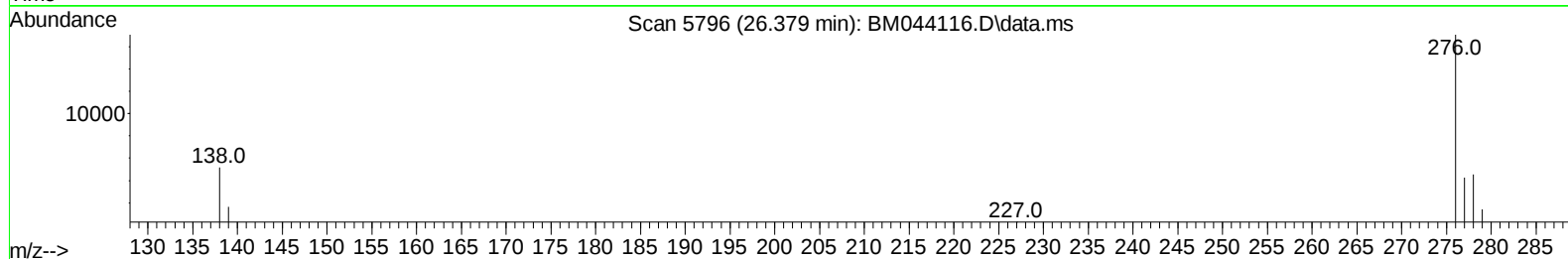
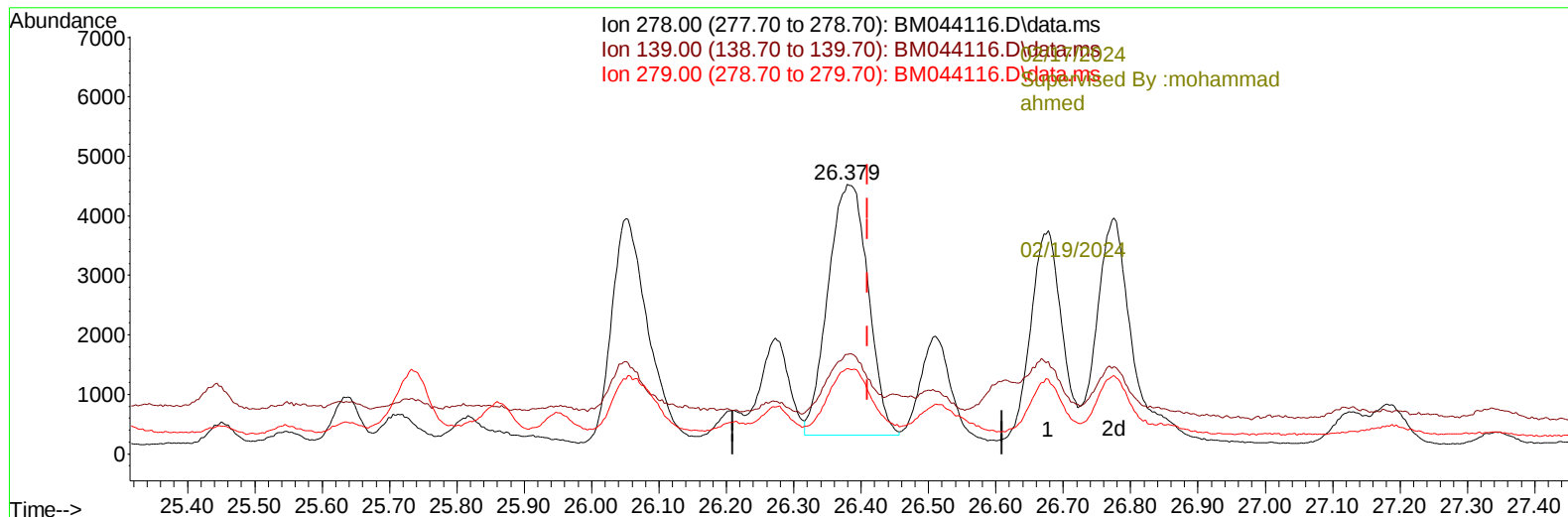
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

(28) Dibenzo(a,h)anthracene

26.379min (-0.030) 0.26 ng/u1 m

response 17412

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	36.85#
279.00	27.30	31.74
0.00	0.00	0.00

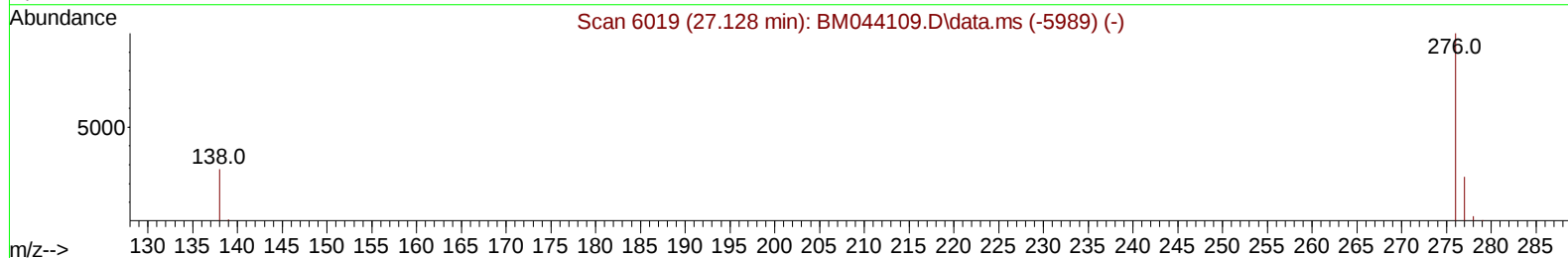
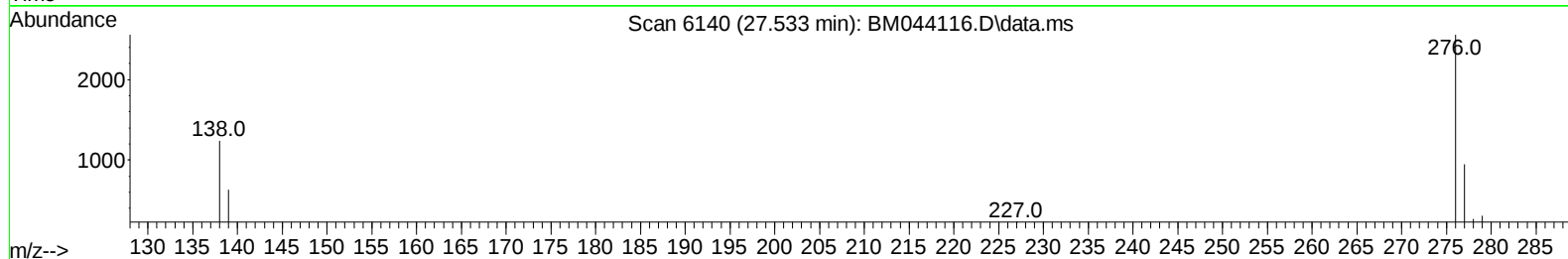
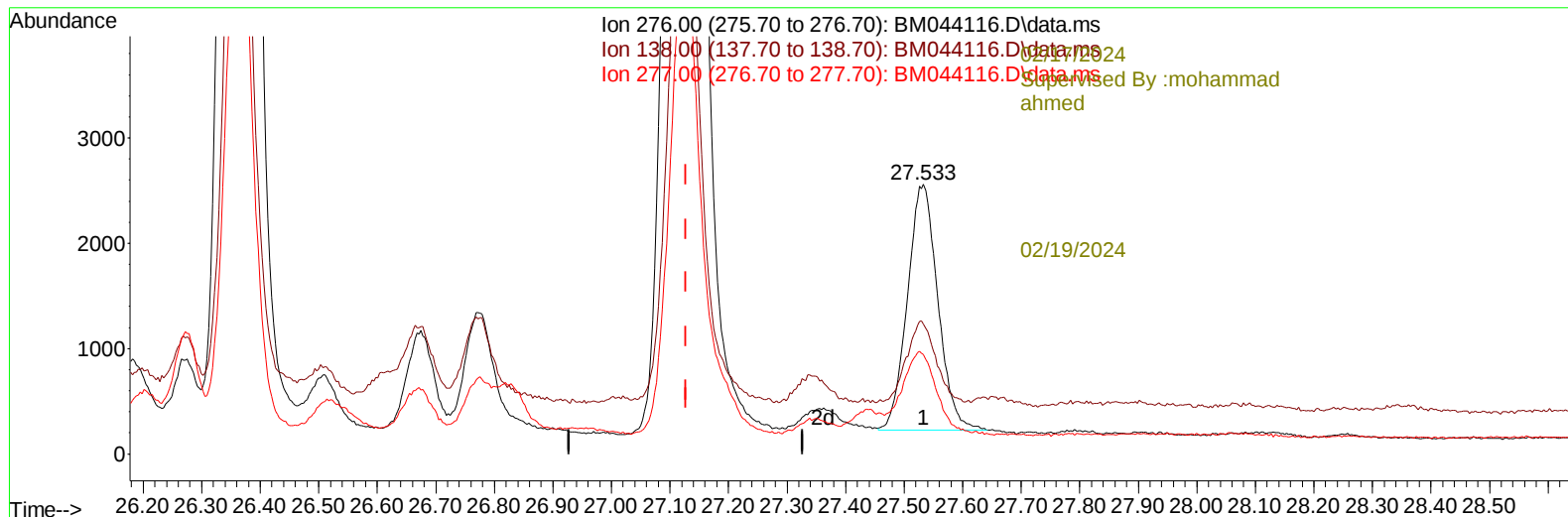
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

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

27.533min (+ 0.406) 0.11 ng/u1

response 8373

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	48.32#
277.00	23.80	36.94#
0.00	0.00	0.00

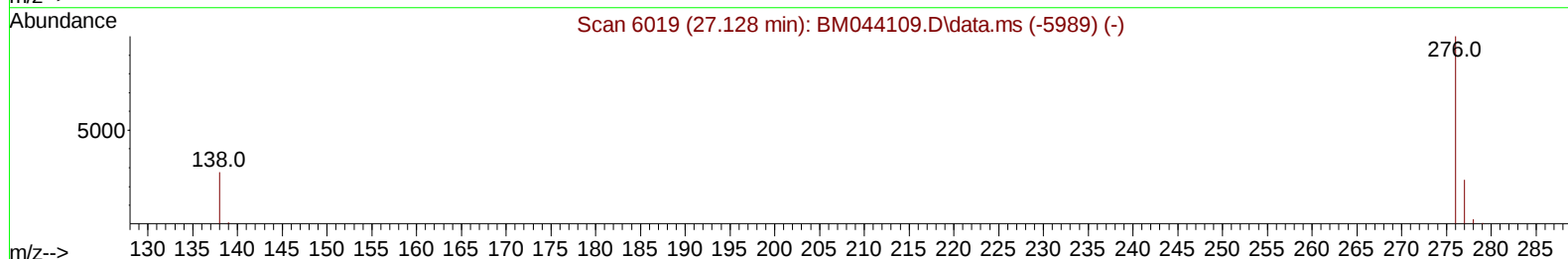
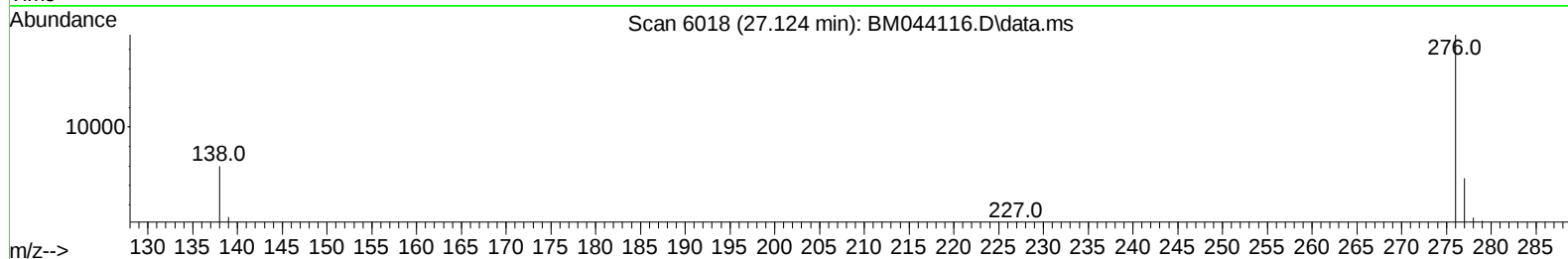
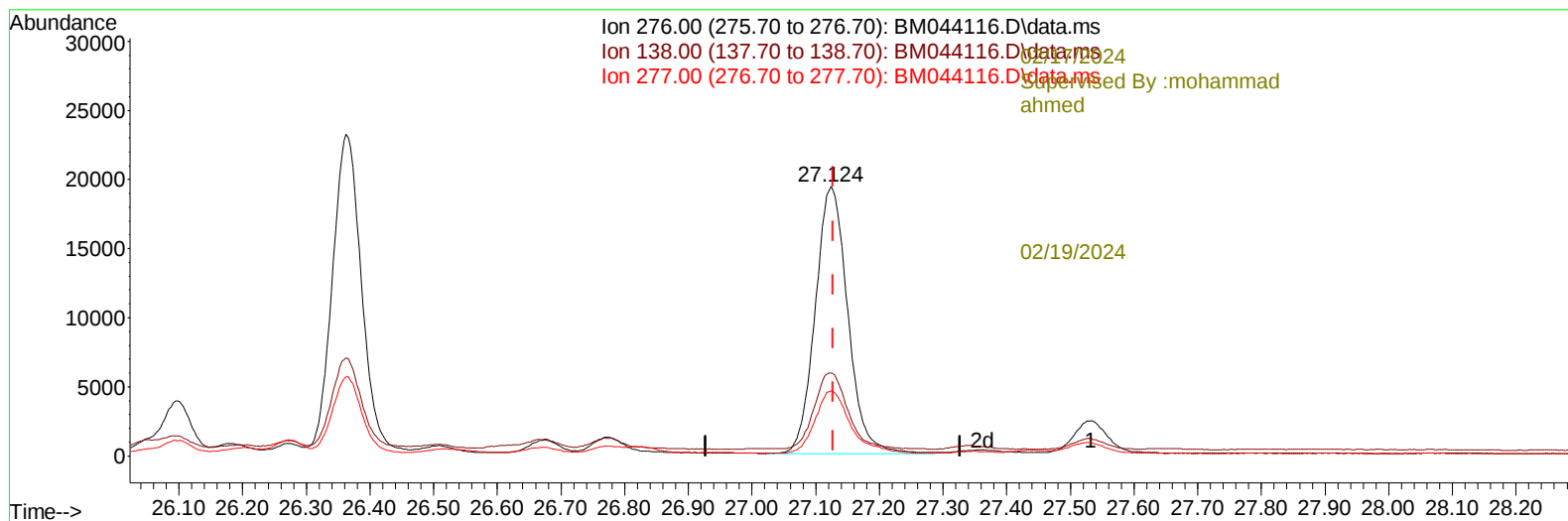
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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: BM044116.D\data.ms

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

27.124min (-0.004) 0.90 ng/ul m

response 68548

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	30.68
277.00	23.80	24.11
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044116.D
 Acq On : 16 Feb 2024 00:37
 Operator : MA/JU
 Sample : P1329-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR5

Manual IntegrationsAPPROVED

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

Quant Time: Feb 17 02:46:22 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)
-----02/17/2024							
Supervised By :mohammad							
ahmed							
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152		8354	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136		28557	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164		15796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188		32175m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240		18453m	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264		17675m	0.400	ng/ul	0.00
-----02/19/2024							
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.357	96		45827	3.874	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152		11412	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.331	212		23338m	0.424	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.754	128		6001	0.071	ng/ul#	89
7) 2-Methylnaphthalene	12.365	142		8297	0.158	ng/ul	96
8) 1-Methylnaphthalene	12.585	142		4635	0.088	ng/ul	86
11) Acenaphthene	14.608	153		2871	0.046	ng/ul	97
12) Fluorene	15.598	166		1973	0.028	ng/ul#	81
14) Pentachlorophenol	16.942	266		502	0.044	ng/ul	97
15) Phenanthrene	17.339	178		49700	0.487	ng/ul	99
16) Anthracene	17.432	178		8567m	0.085	ng/ul	
19) Fluoranthene	19.359	202		229743m	2.731	ng/ul	
20) Pyrene	19.726	202		214691	2.427	ng/ul	97
21) Benzo(a)anthracene	21.479	228		105942m	1.254	ng/ul	
22) Chrysene	21.532	228		120956m	1.328	ng/ul	
24) Benzo(b)fluoranthene	23.165	252		167367m	2.295	ng/ul	
25) Benzo(k)fluoranthene	23.206	252		61786m	0.780	ng/ul	
26) Benzo(a)pyrene	23.782	252		93588m	1.380	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276		71295m	0.826	ng/ul	
28) Dibenzo(a,h)anthracene	26.379	278		17412m	0.256	ng/ul	
29) Benzo(g,h,i)perylene	27.124	276		68548m	0.898	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044116.D
Acq On : 16 Feb 2024 00:37
Operator : MA/JU
Sample : P1329-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:46:22 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

