

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044118.D
 Acq On : 16 Feb 2024 01:50
 Operator : MA/JU
 Sample : P1329-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7

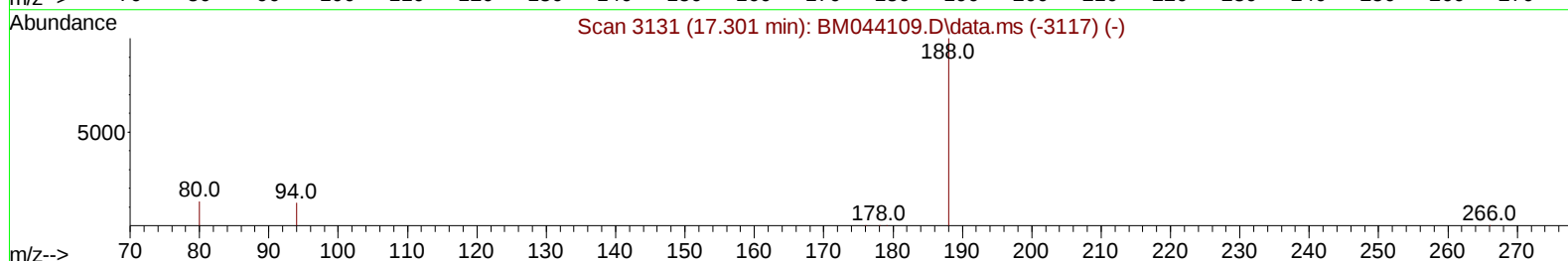
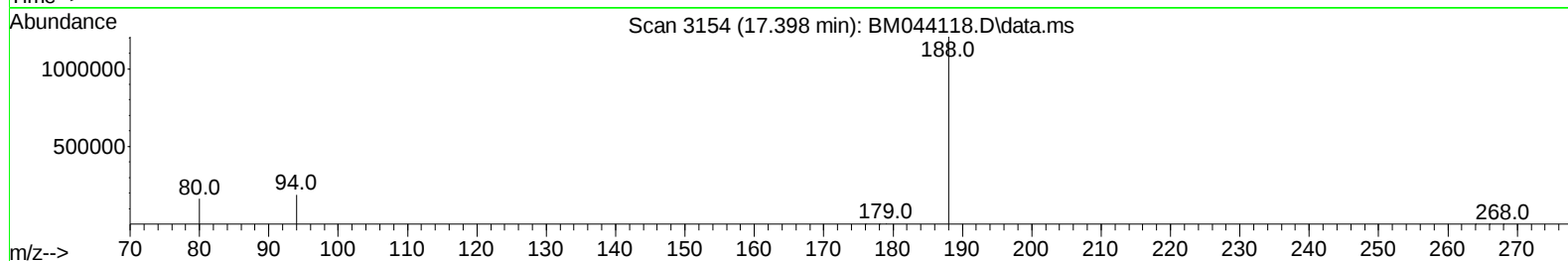
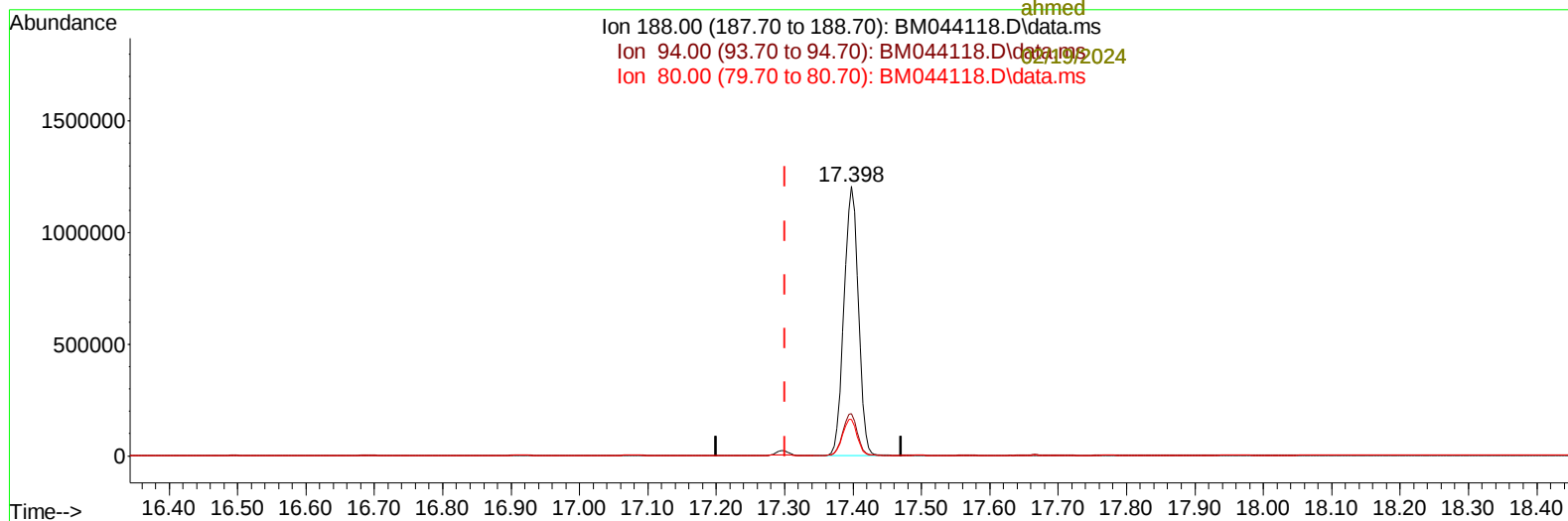
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
 Supervised By :mohammad
 ahmed

Ion 188.00 (187.70 to 188.70): BM044118.D\data.ms
 Ion 94.00 (93.70 to 94.70): BM044118.D\data.ms
 Ion 80.00 (79.70 to 80.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.097) 0.40 ng/u1

response 1766424

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.75#
80.00	13.40	13.55
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
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Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

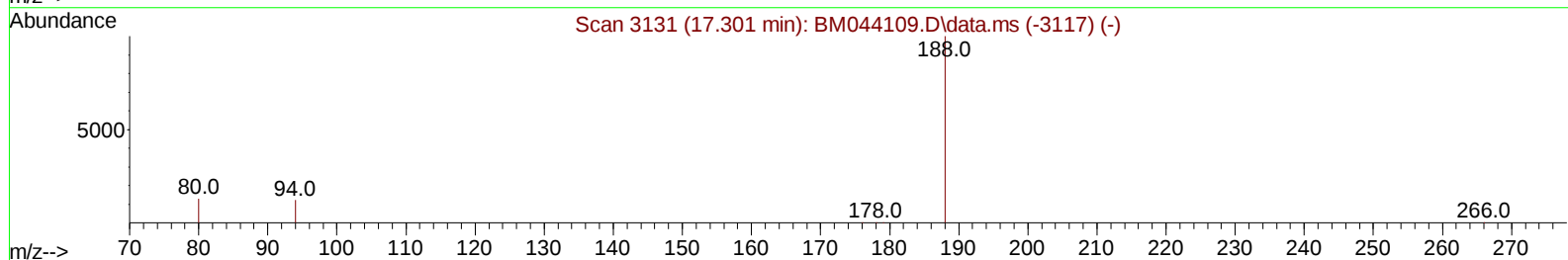
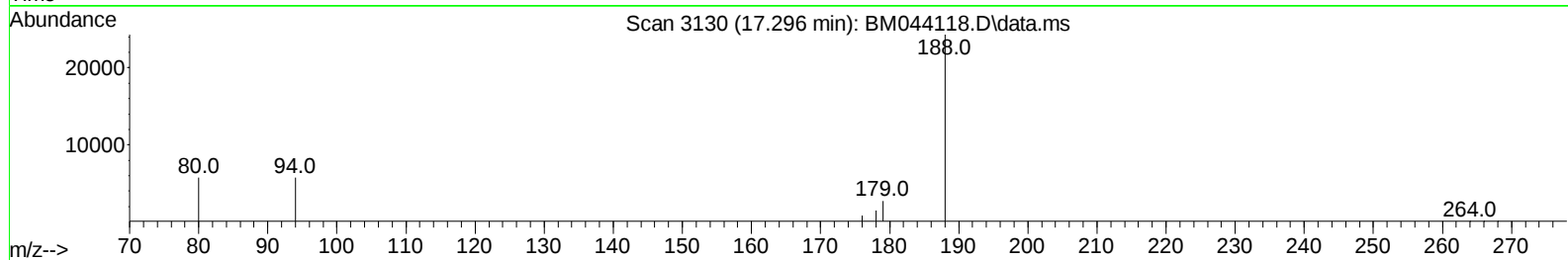
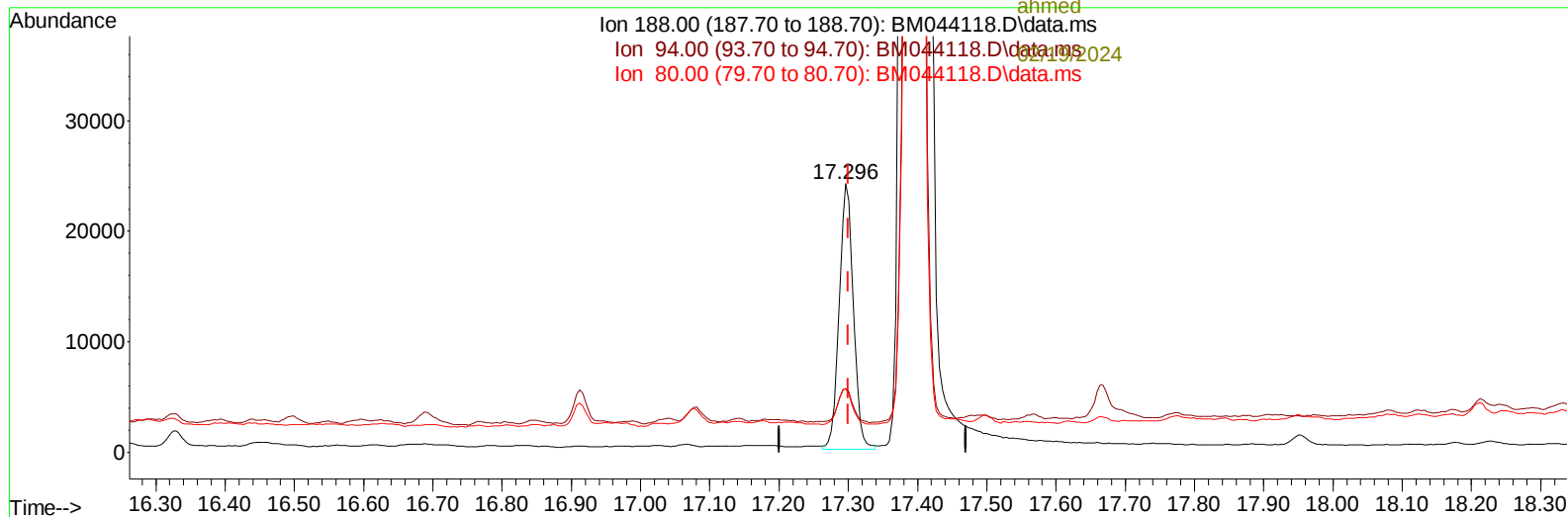
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02/17/2024
Supervised By :mohammad
ahmed

Ion 188.00 (187.70 to 188.70): BM044118.D\data.ms
Ion 94.00 (93.70 to 94.70): BM044118.D\data.ms
Ion 80.00 (79.70 to 80.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(13) Phenanthrene-d10 (I)

17.296min (-0.004) 0.40 ng/ul m

response 34348

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	23.64#
80.00	13.40	23.78#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P1329-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7

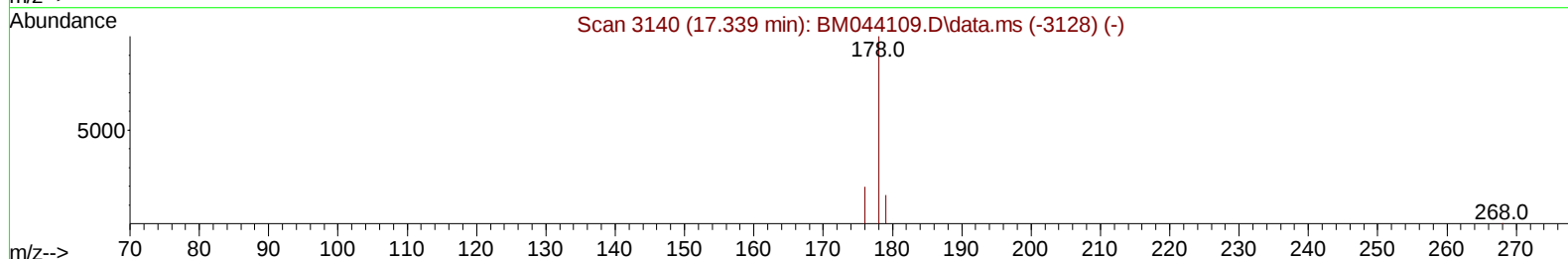
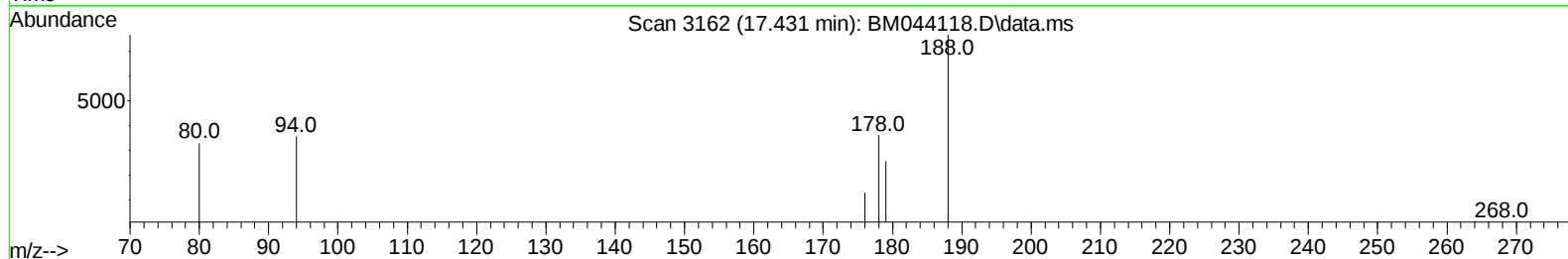
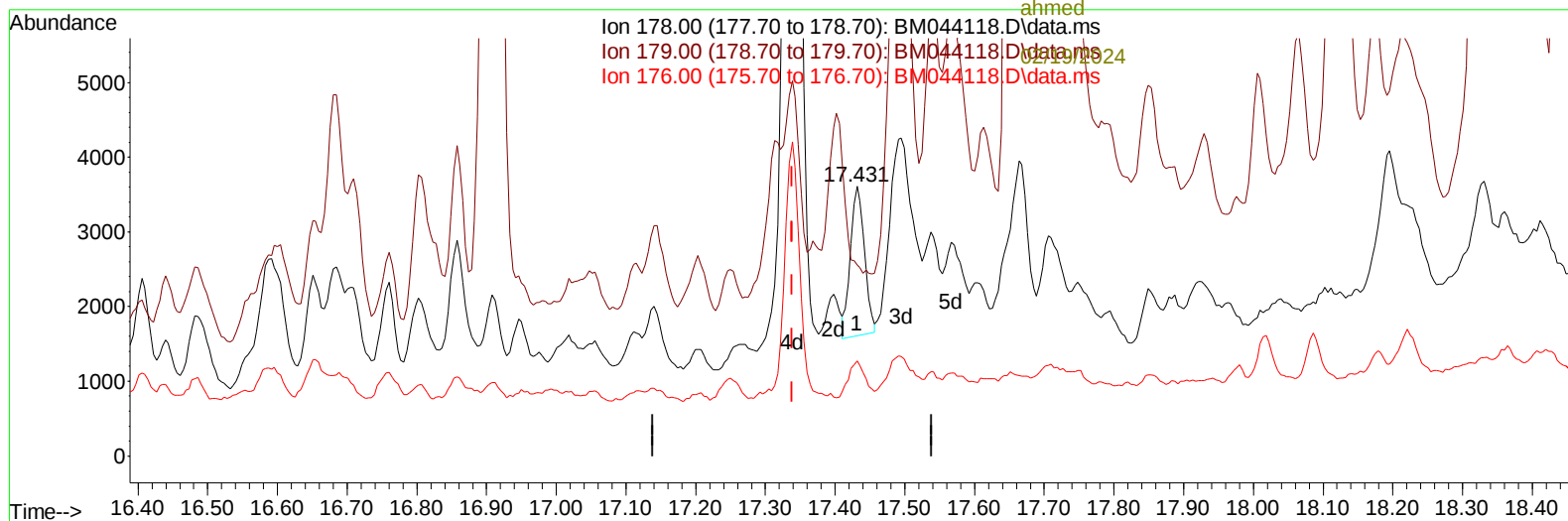
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02/17/2024
 Supervised By :mohammad
 ahmed

Ion 178.00 (177.70 to 178.70): BM044118.D\data.ms
 Ion 179.00 (178.70 to 179.70): BM044118.D\data.ms
 Ion 176.00 (175.70 to 176.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(15) Phenanthrene

17.431min (+ 0.093) 0.03 ng/u1

response 2793

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	70.78#
176.00	20.00	35.18#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

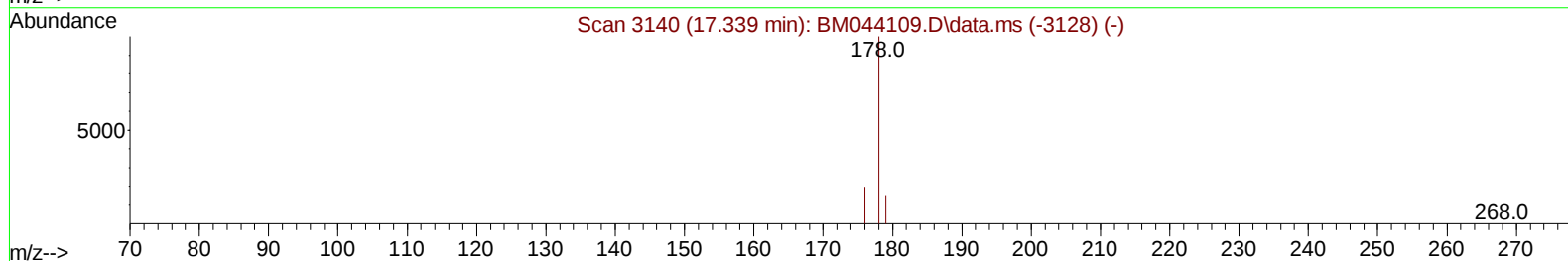
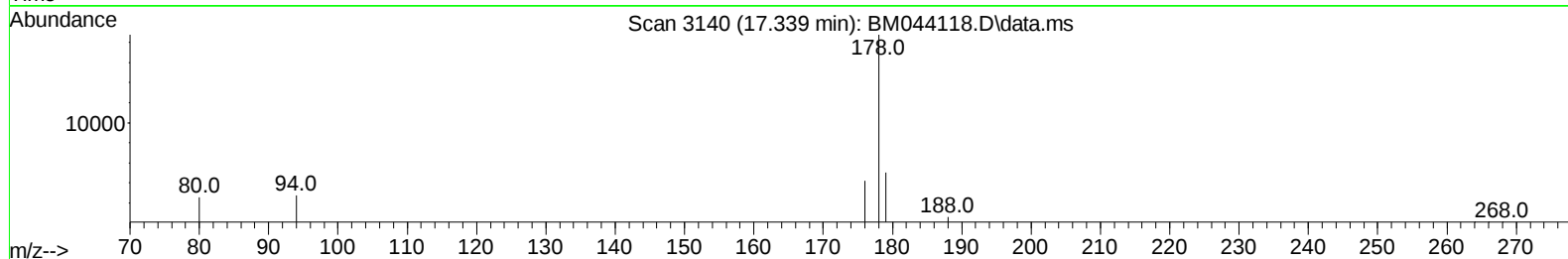
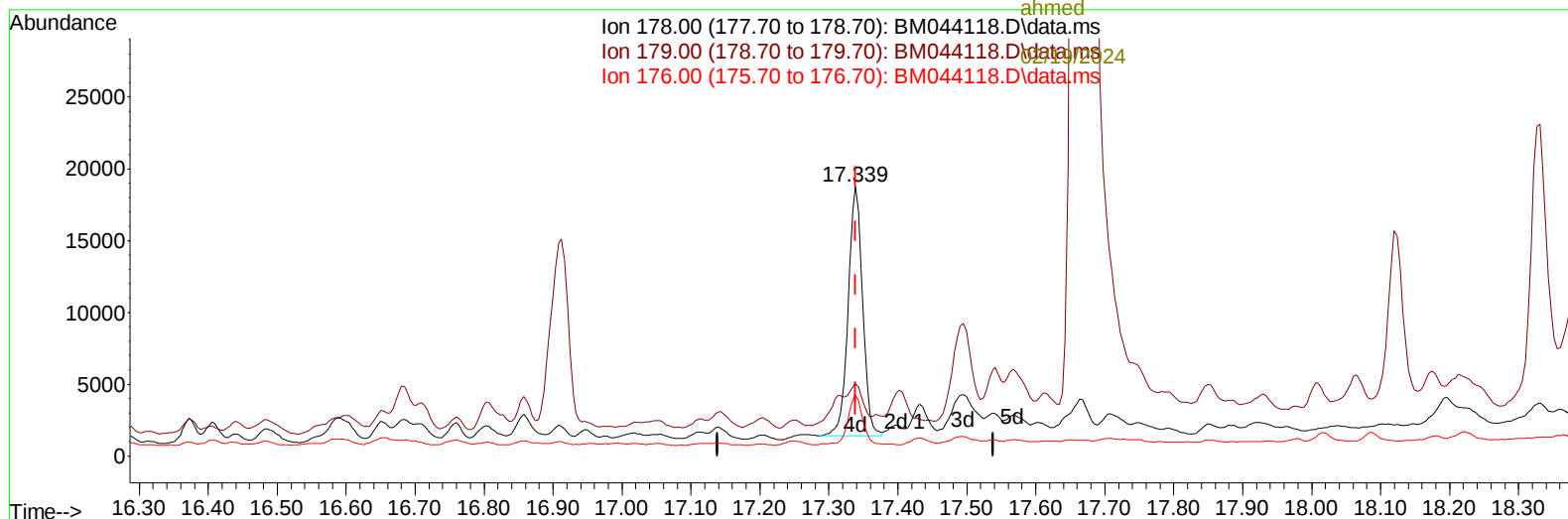
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Supervised By :mohammad ahmed 02/19/2024

02/17/2024
Supervised By :mohammad
ahmed

Ion 178.00 (177.70 to 178.70): BM044118.D\data.ms
Ion 179.00 (178.70 to 179.70): BM044118.D\data.ms
Ion 176.00 (175.70 to 176.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(15) Phenanthrene

17.339min (+ 0.000) 0.23 ng/ul m

response 25509

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	26.76#
176.00	20.00	22.42
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P1329-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7

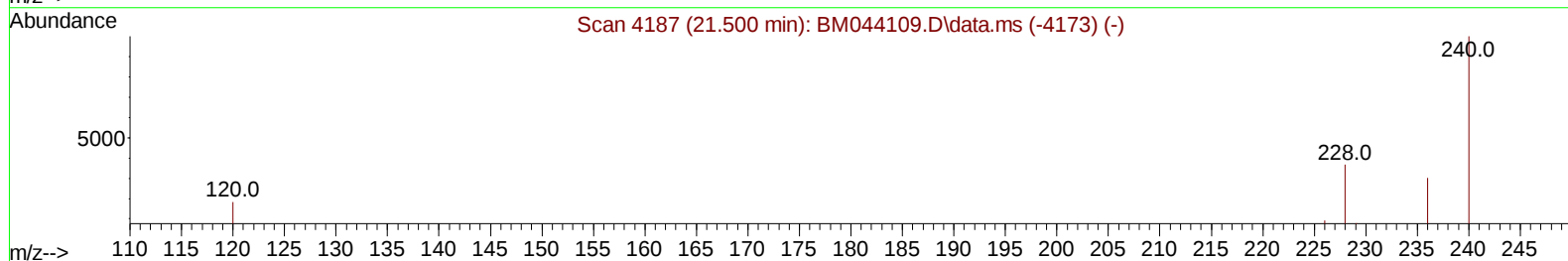
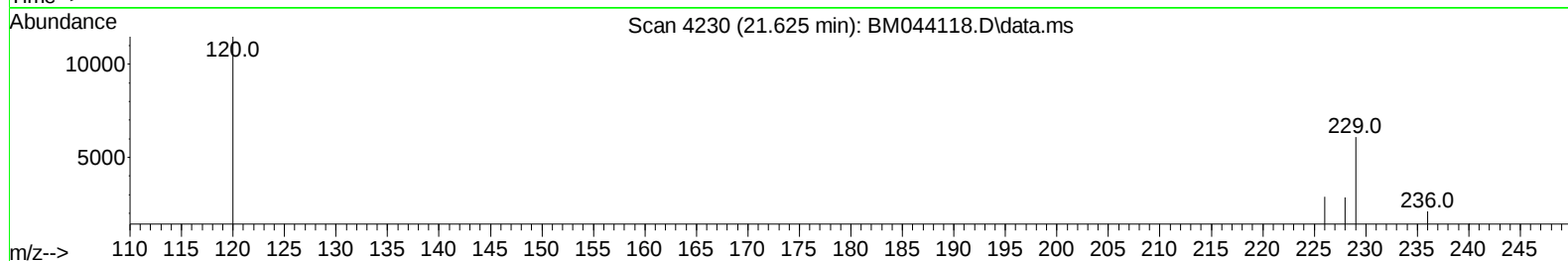
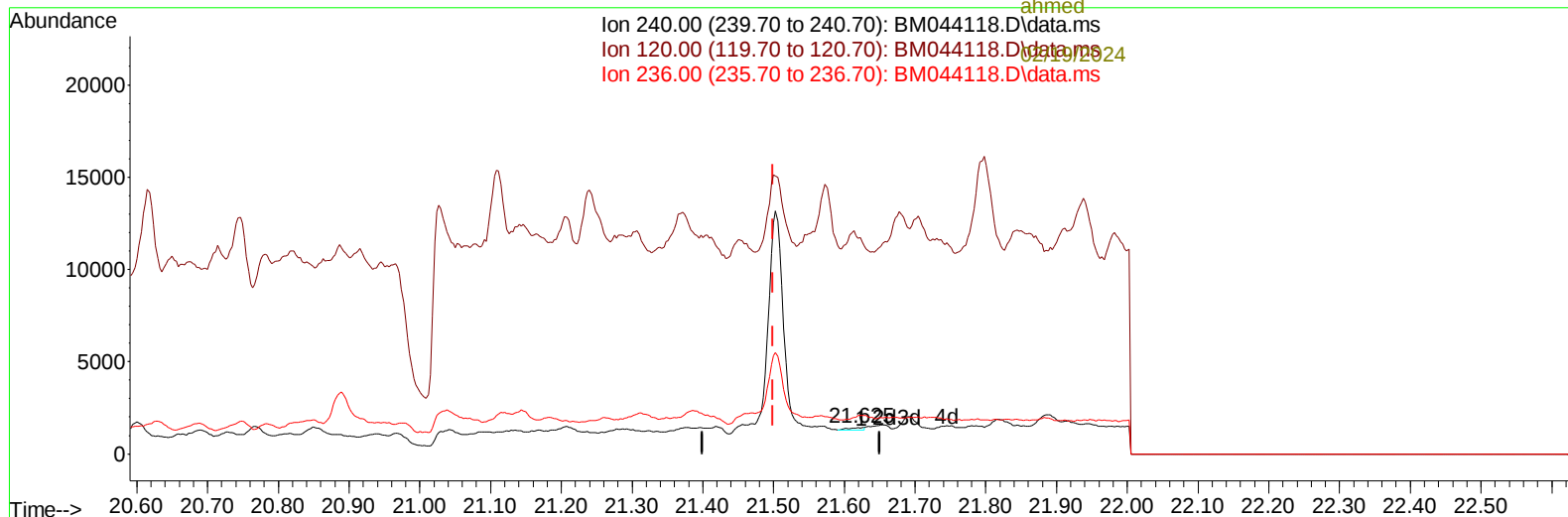
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 Supervised By :mohammad ahmed 02/19/2024

02/17/2024
 Supervised By :mohammad
 ahmed

Ion 240.00 (239.70 to 240.70): BM044118.D\data.ms
 Ion 120.00 (119.70 to 120.70): BM044118.D\data.ms
 Ion 236.00 (235.70 to 236.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(17) Chrysene-d12

21.625min (+ 0.126) 0.40 ng/u1

response 219

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	806.11#
236.00	30.60	147.01#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

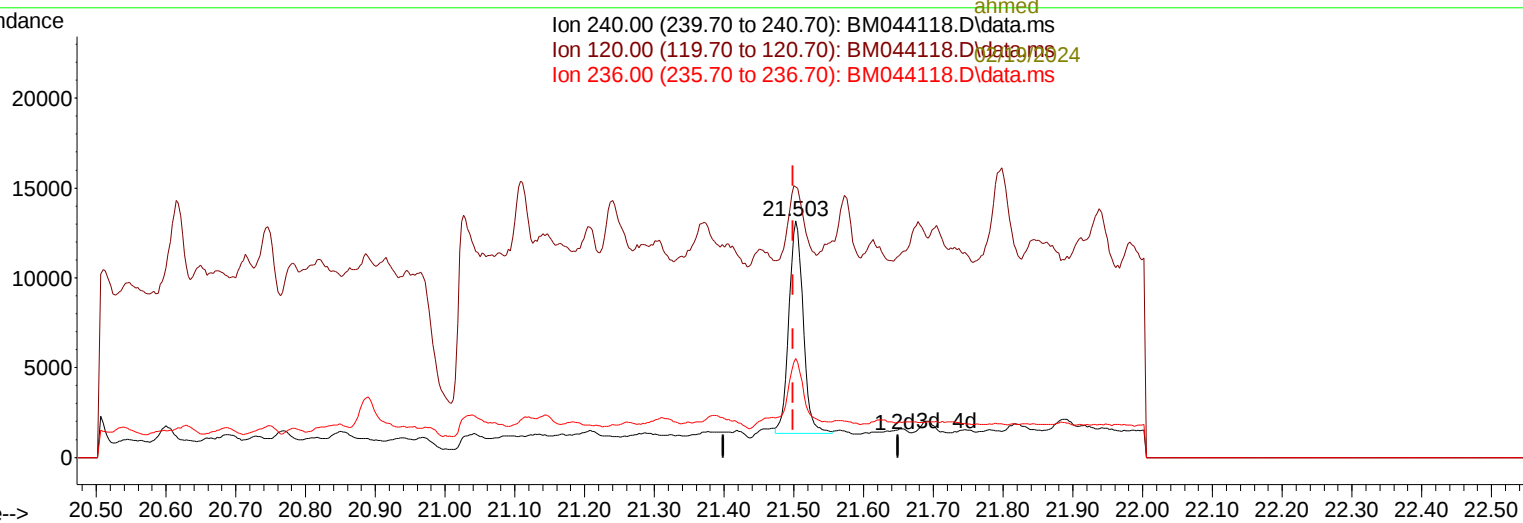
Manual IntegrationsAPPROVED

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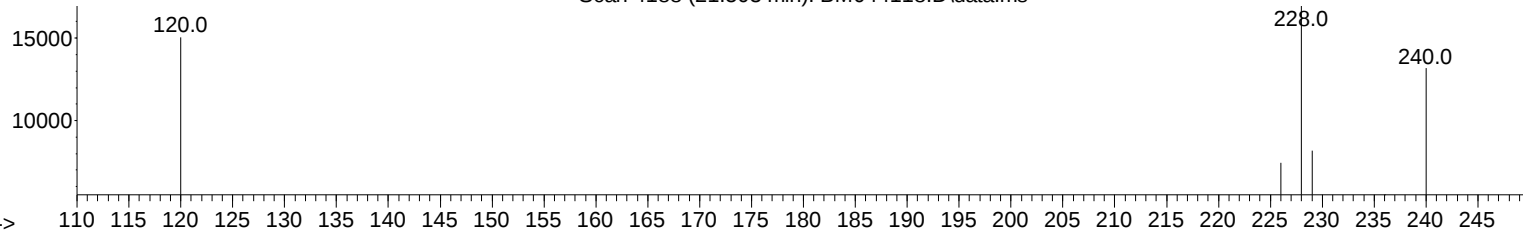
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

02/17/2024
Supervised By :mohammad
ahmed

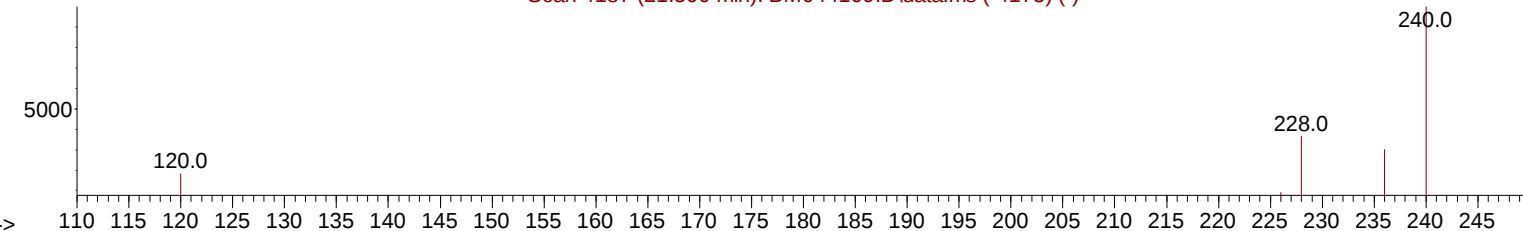
Ion 240.00 (239.70 to 240.70): BM044118.D\data.ms
Ion 120.00 (119.70 to 120.70): BM044118.D\data.ms
Ion 236.00 (235.70 to 236.70): BM044118.D\data.ms



Scan 4188 (21.503 min): BM044118.D\data.ms



Scan 4187 (21.500 min): BM044109.D\data.ms (-4173) (-)



TIC: BM044118.D\data.ms

(17) Chrysene-d12

21.503min (+ 0.003) 0.40 ng/ul m

response 16756

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	114.34#
236.00	30.60	41.79#
0.00	0.00	0.00

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Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

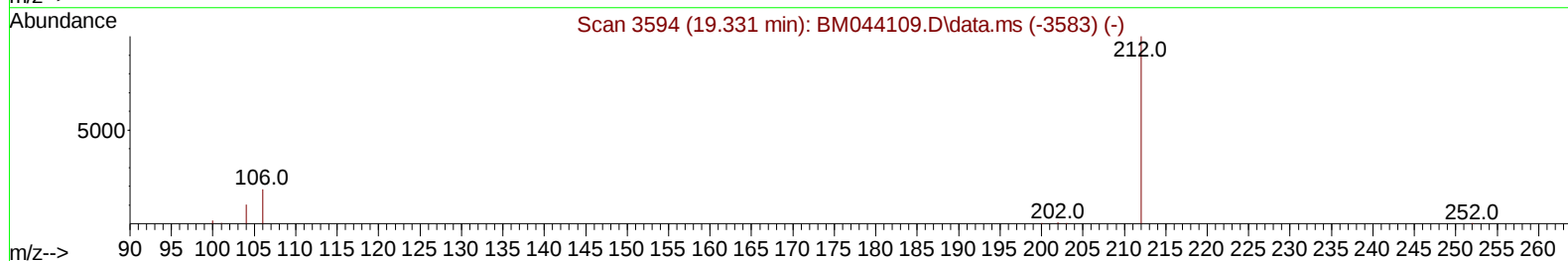
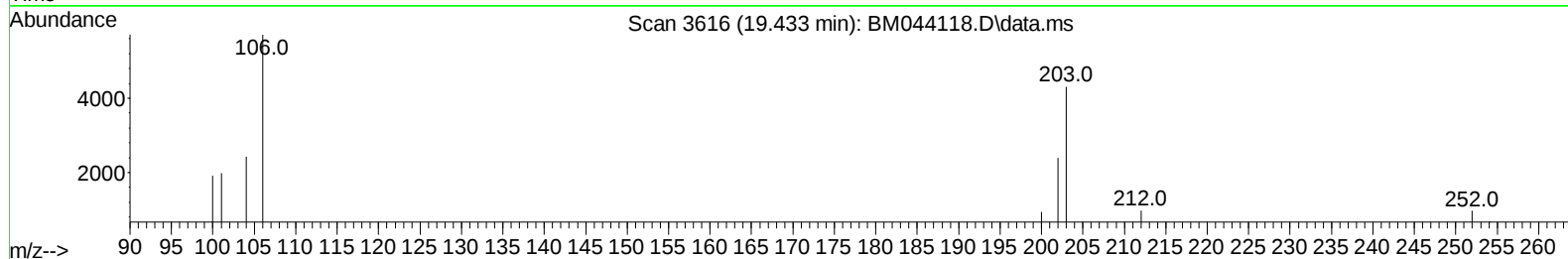
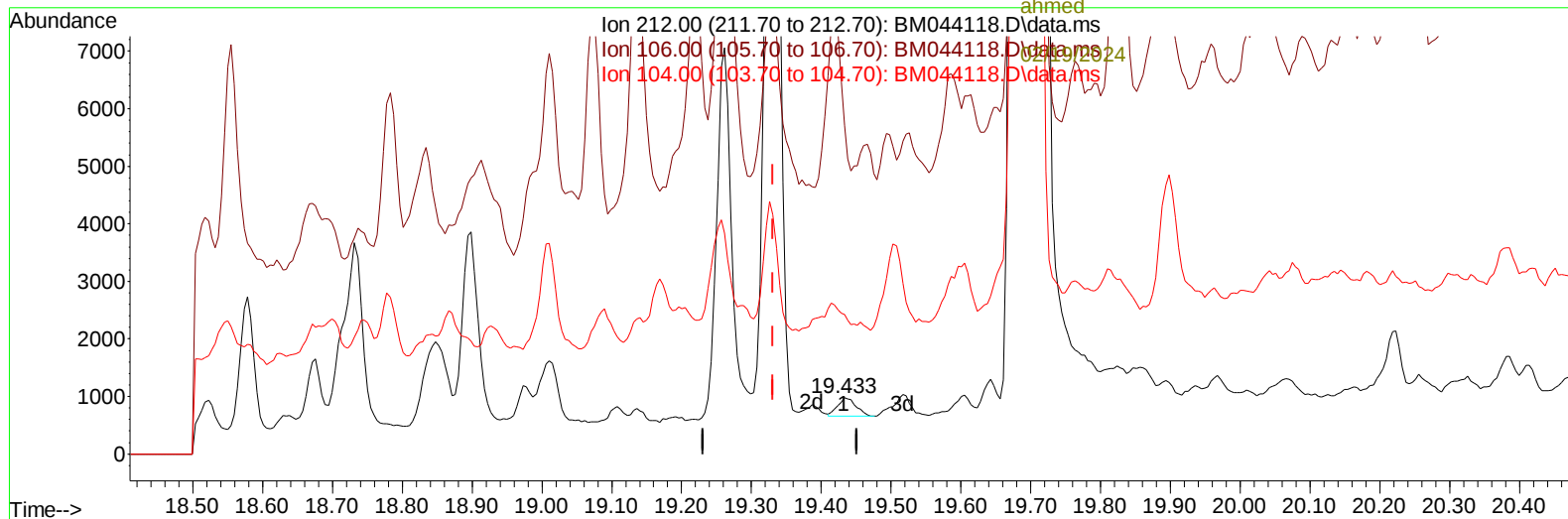
Instrument :
BNA_M
ClientSampleId :
C0FR7

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Manual IntegrationsAPPROVED

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02/17/2024
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ahmed



TIC: BM044118.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.433min (+ 0.102) 0.01 ng/u1

response 573

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	796.86#
104.00	10.10	218.32#
0.00	0.00	0.00

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Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

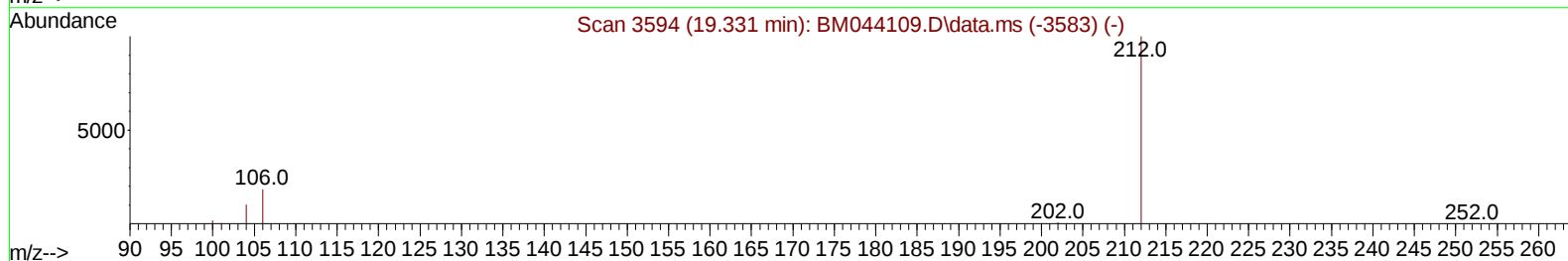
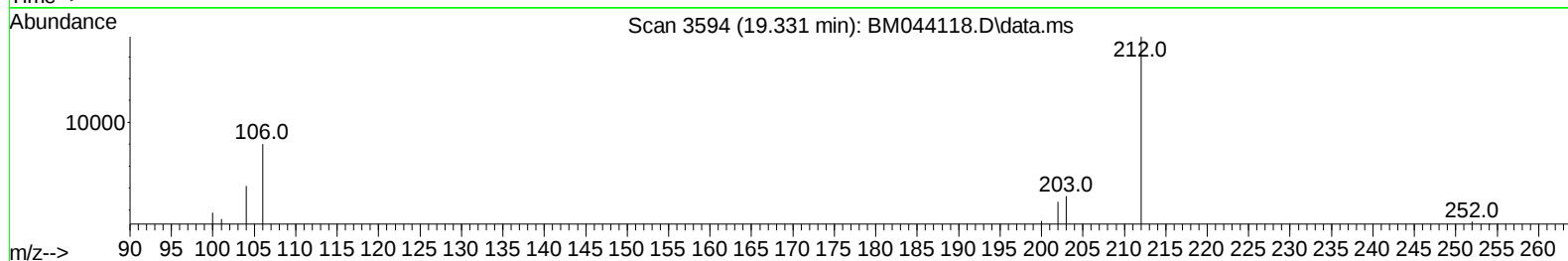
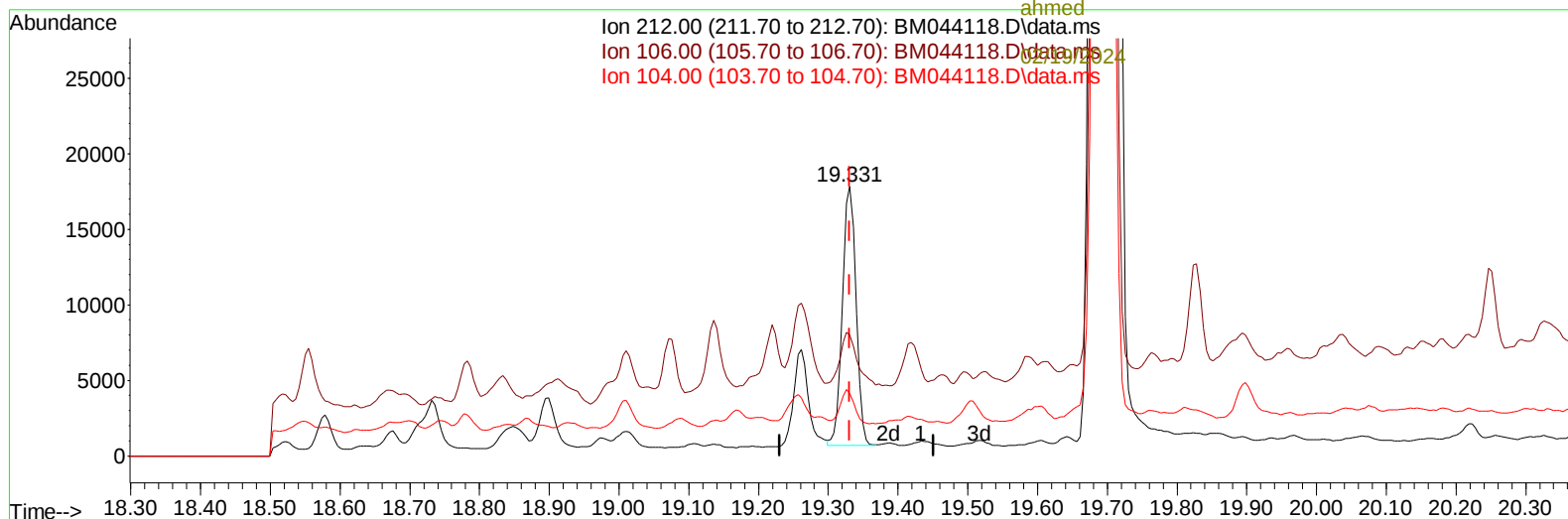
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02/17/2024
Supervised By :mohammad
ahmed

Ion 212.00 (211.70 to 212.70): BM044118.D\data.ms
Ion 106.00 (105.70 to 106.70): BM044118.D\data.ms
Ion 104.00 (103.70 to 104.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.331min (+ 0.000) 0.46 ng/ul m

response 22997

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	19.85
104.00	10.10	5.44#
0.00	0.00	0.00

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Data File : BM044118.D
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Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

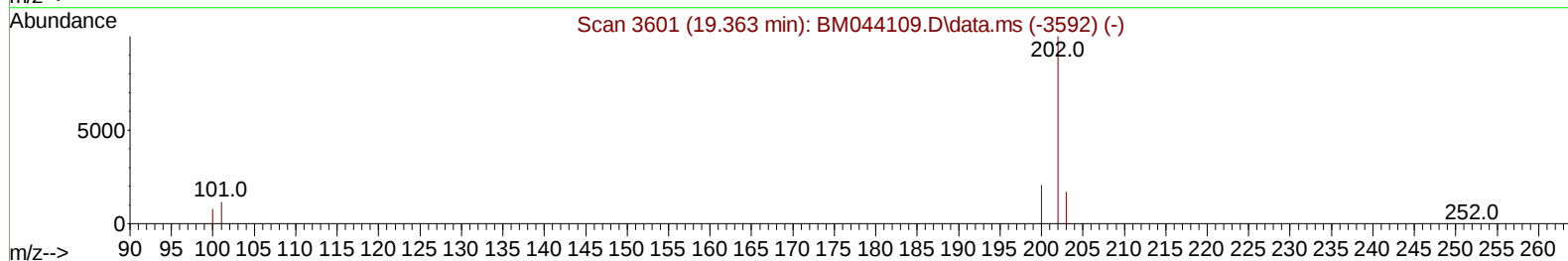
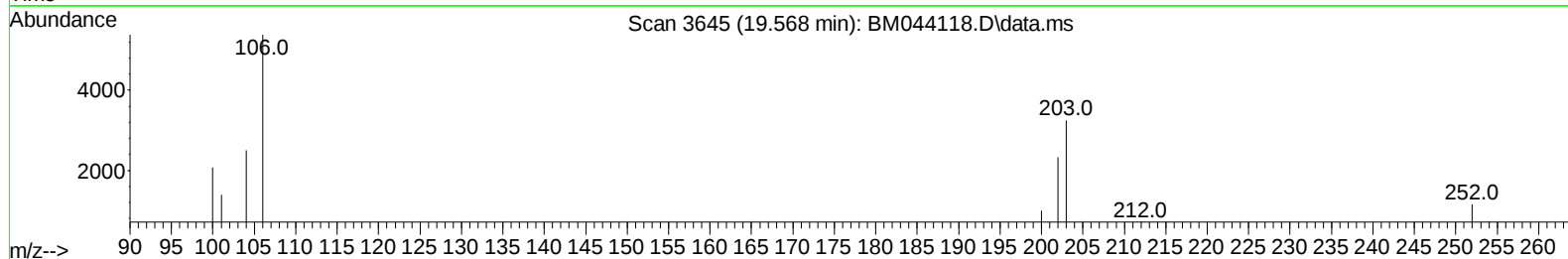
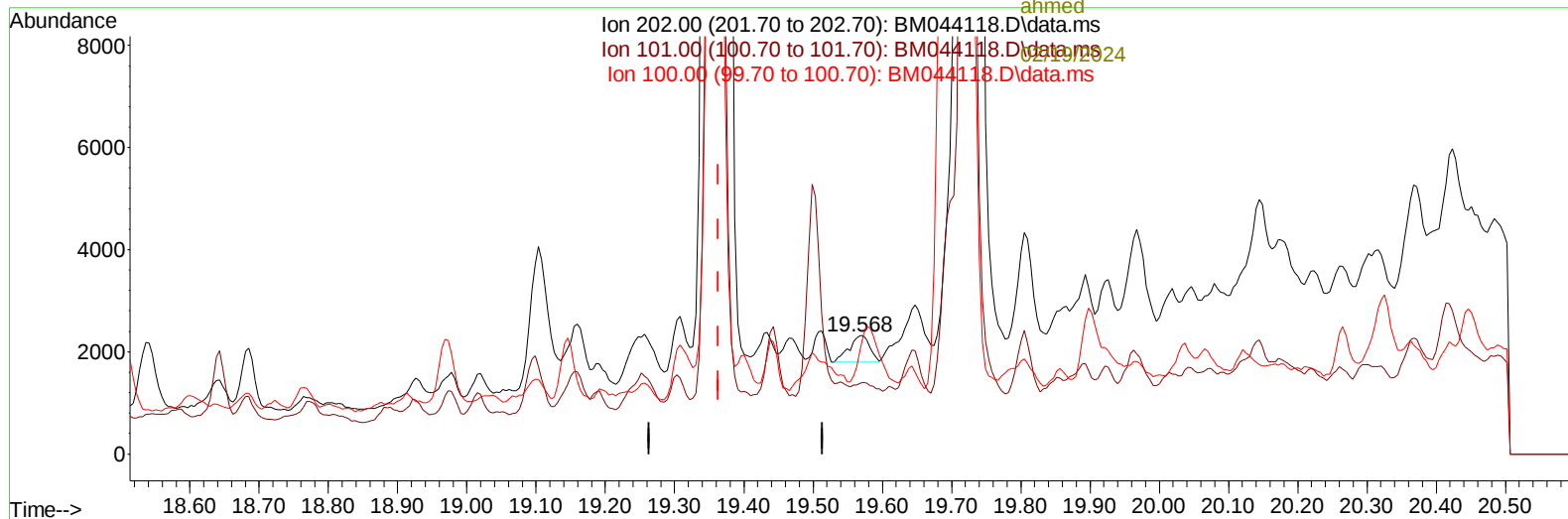
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ClientSampleId :
C0FR7

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ahmed



TIC: BM044118.D\data.ms

(19) Fluoranthene (C)

19.568min (+ 0.205) 0.01 ng/u1

response 1061

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	59.87#
100.00	8.70	89.48#
0.00	0.00	0.00

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 Sample : P1329-16
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7

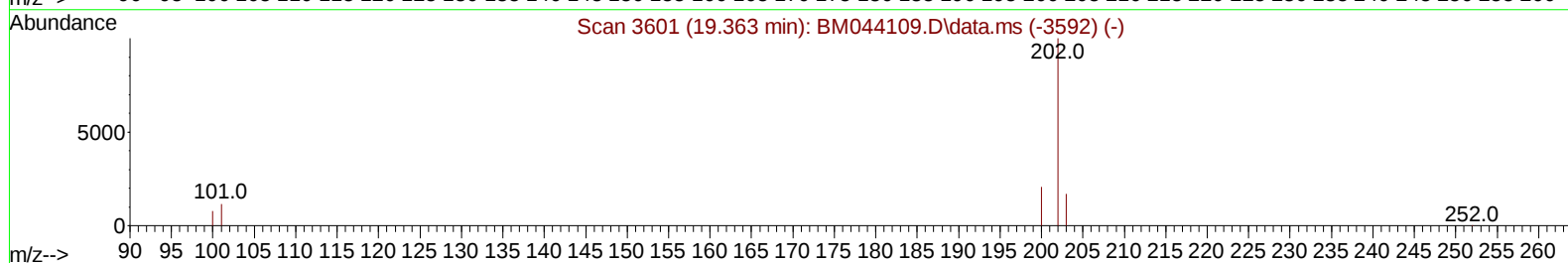
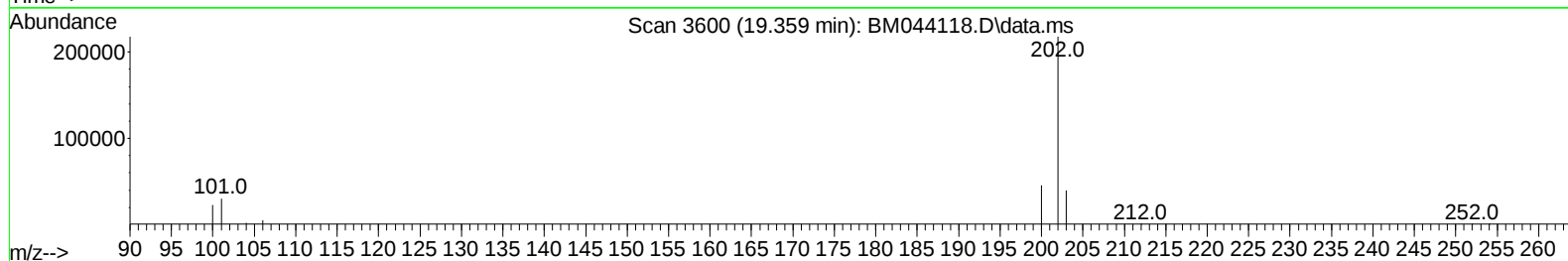
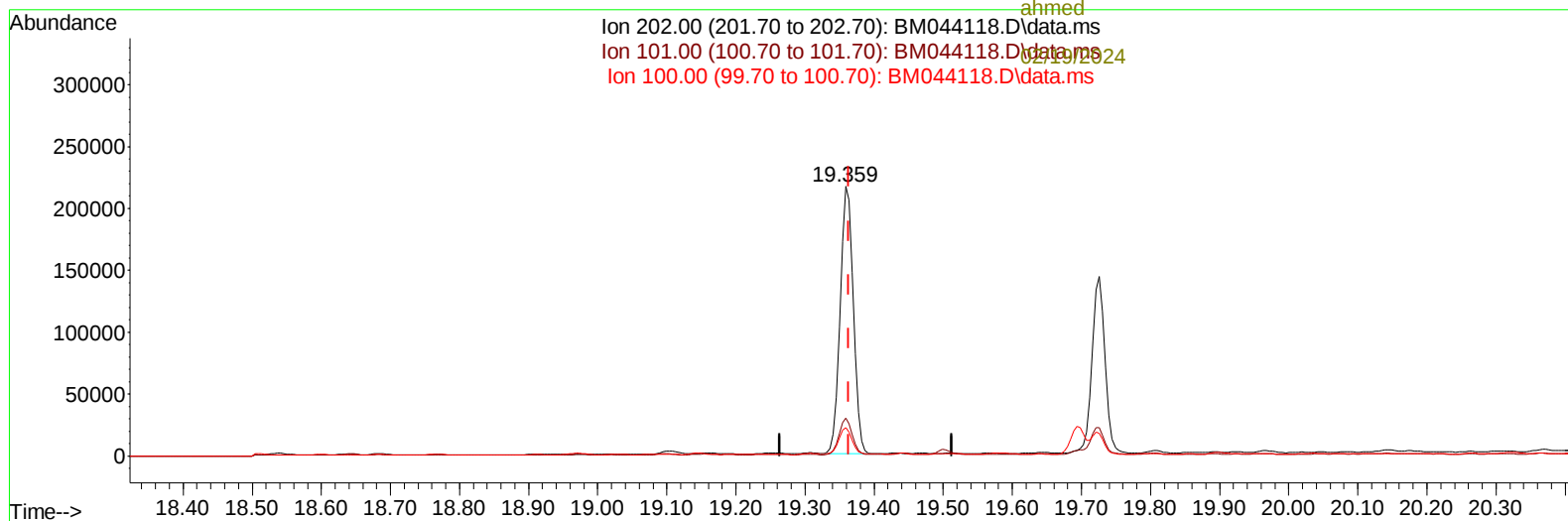
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02/17/2024
 Supervised By :mohammad
 ahmed

Ion 202.00 (201.70 to 202.70): BM044118.D\data.ms
 Ion 101.00 (100.70 to 101.70): BM044118.D\data.ms
 Ion 100.00 (99.70 to 100.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(19) Fluoranthene (C)

19.359min (-0.005) 3.78 ng/u1 m

response 288926

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	14.01
100.00	8.70	10.59#
0.00	0.00	0.00

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ALS Vial : 28 Sample Multiplier: 1

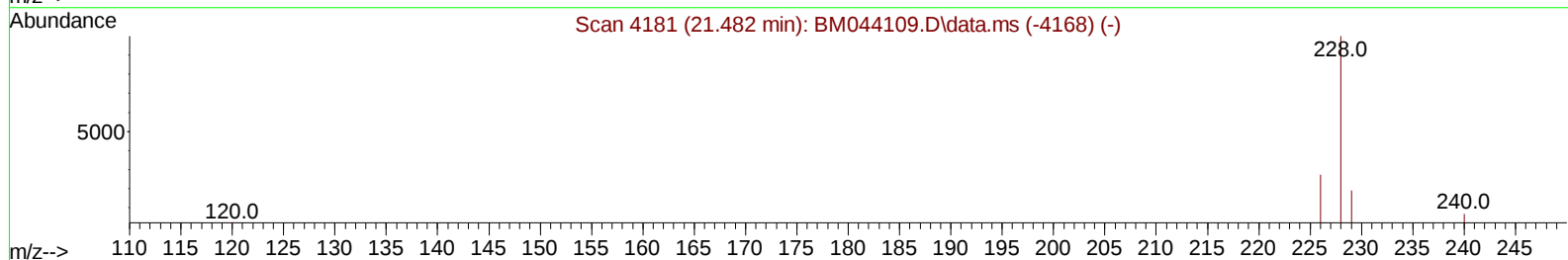
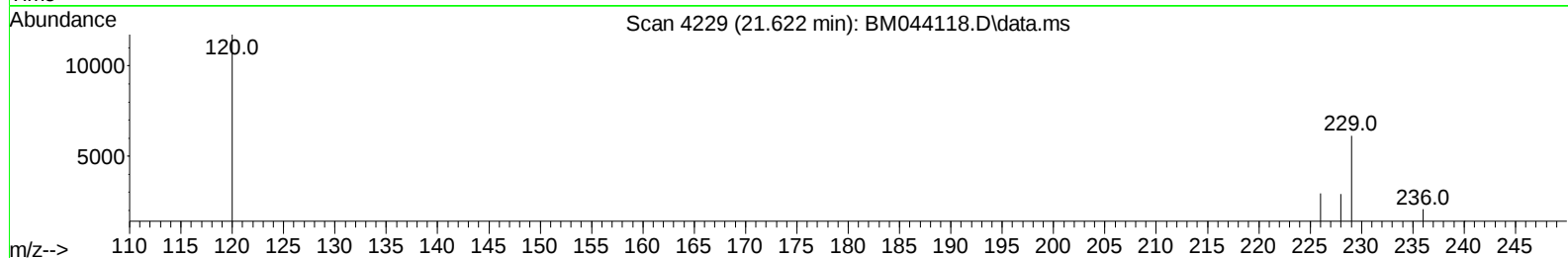
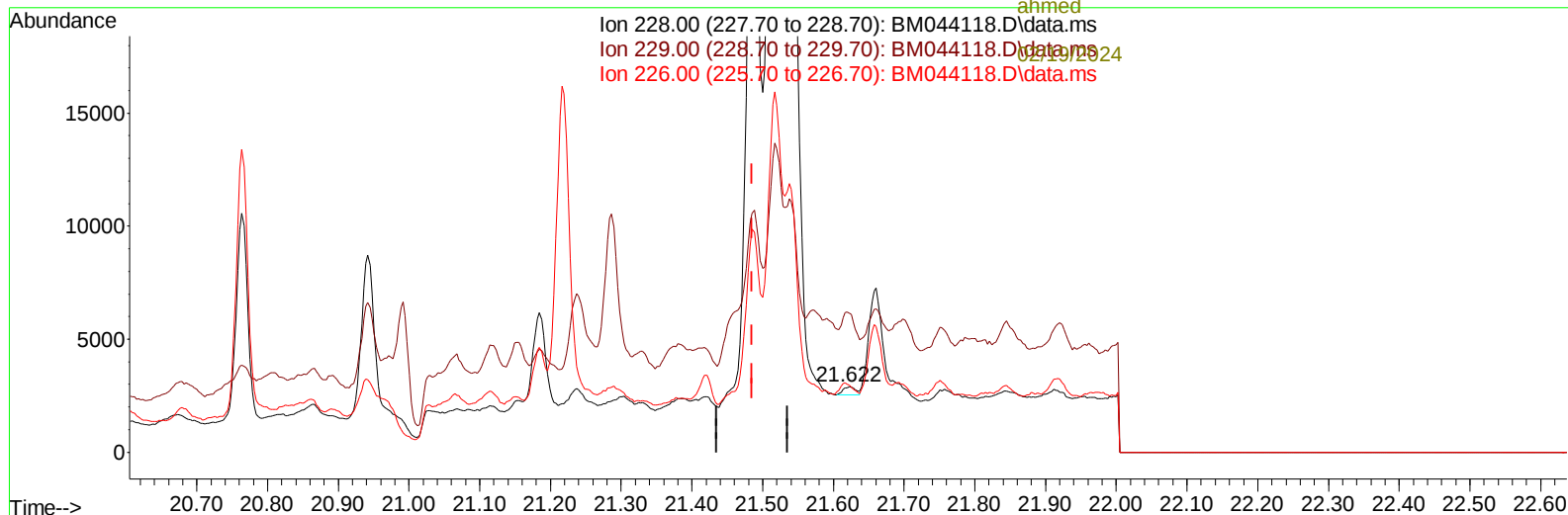
Instrument :
BNA_M
ClientSampleId :
C0FR7

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02/17/2024
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ahmed



TIC: BM044118.D\data.ms

(21) Benzo(a)anthracene

21.622min (+ 0.137) 0.01 ng/u1

response 484

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	210.85#
226.00	27.60	101.41#
0.00	0.00	0.00

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ALS Vial : 28 Sample Multiplier: 1

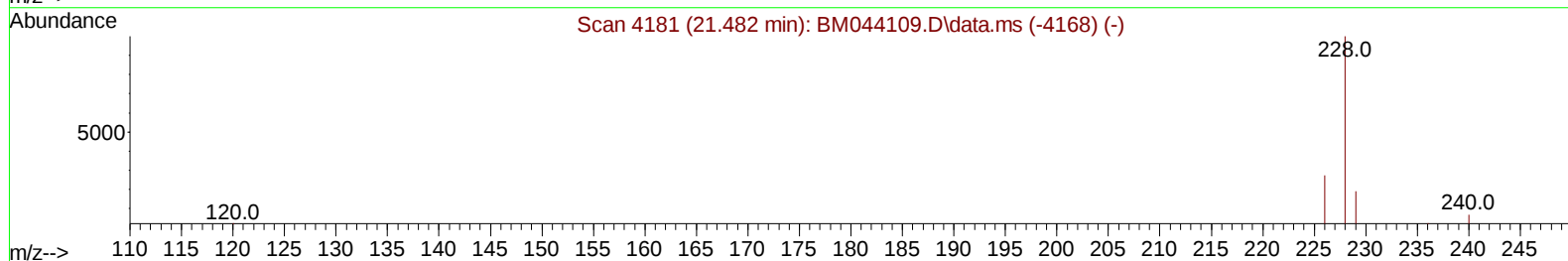
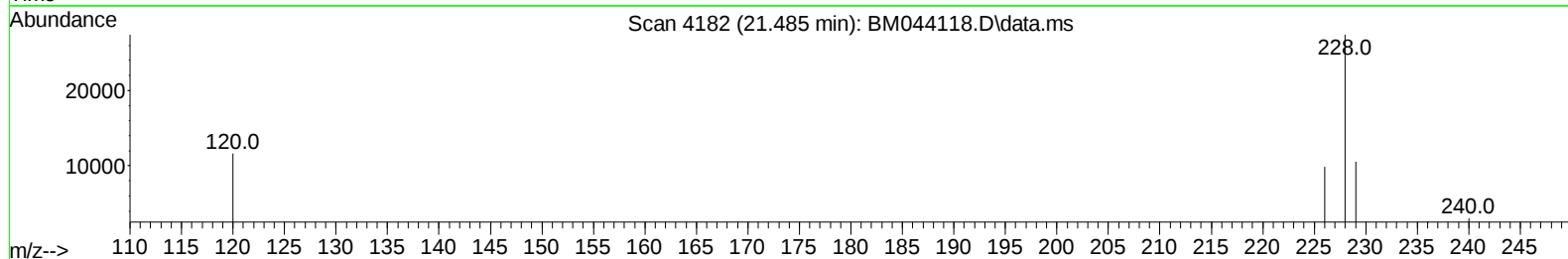
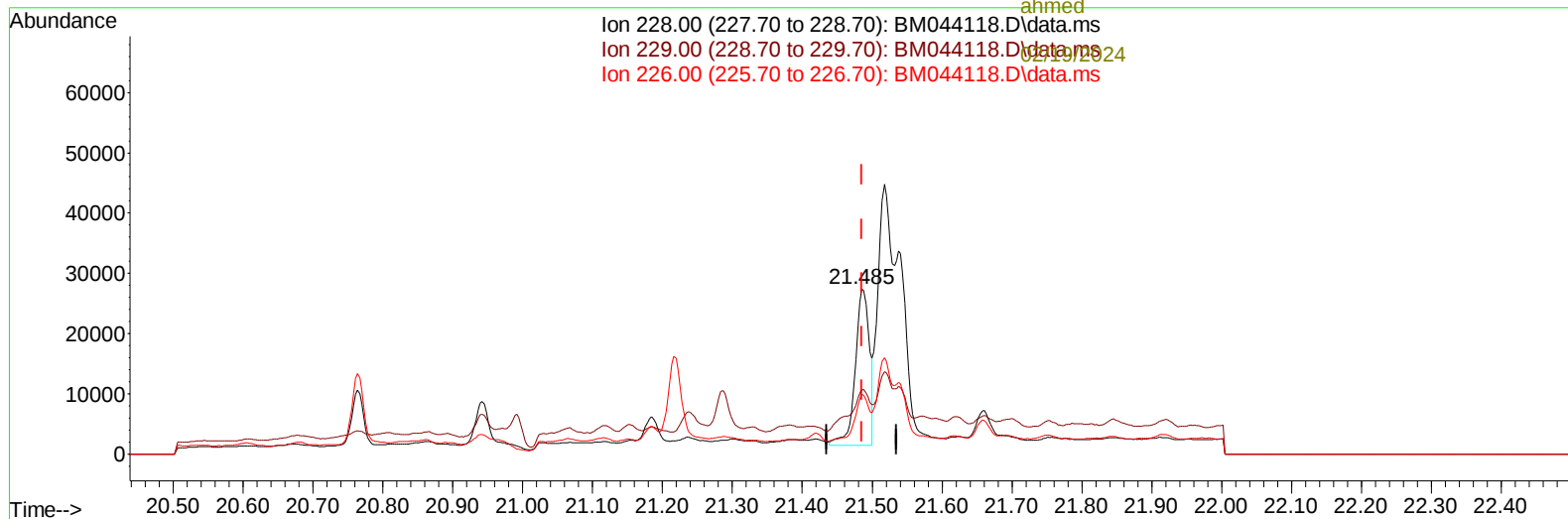
Instrument :
BNA_M
ClientSampleId :
C0FR7

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Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed



TIC: BM044118.D\data.ms

(21) Benzo(a)anthracene

21.485min (+ 0.000) 0.48 ng/ul m

response 36950

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	38.60#
226.00	27.60	36.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

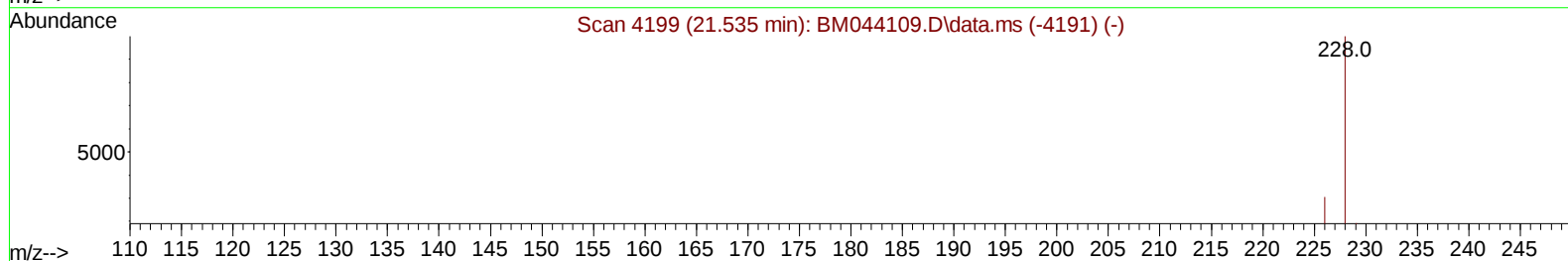
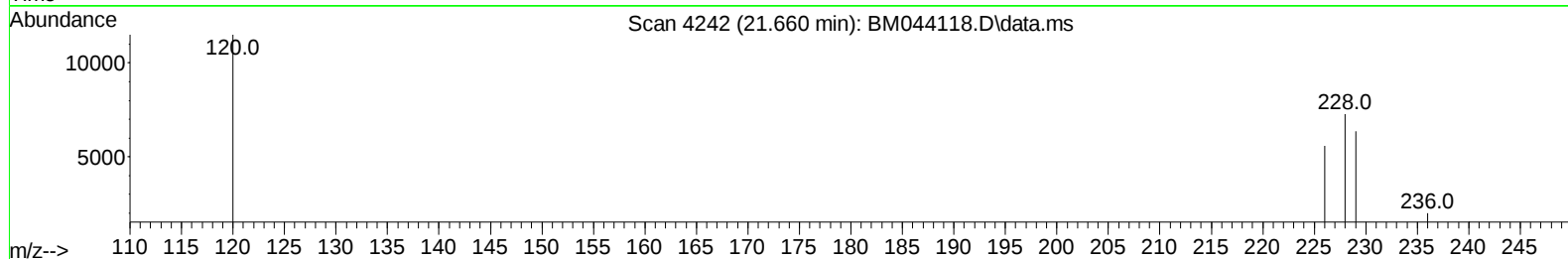
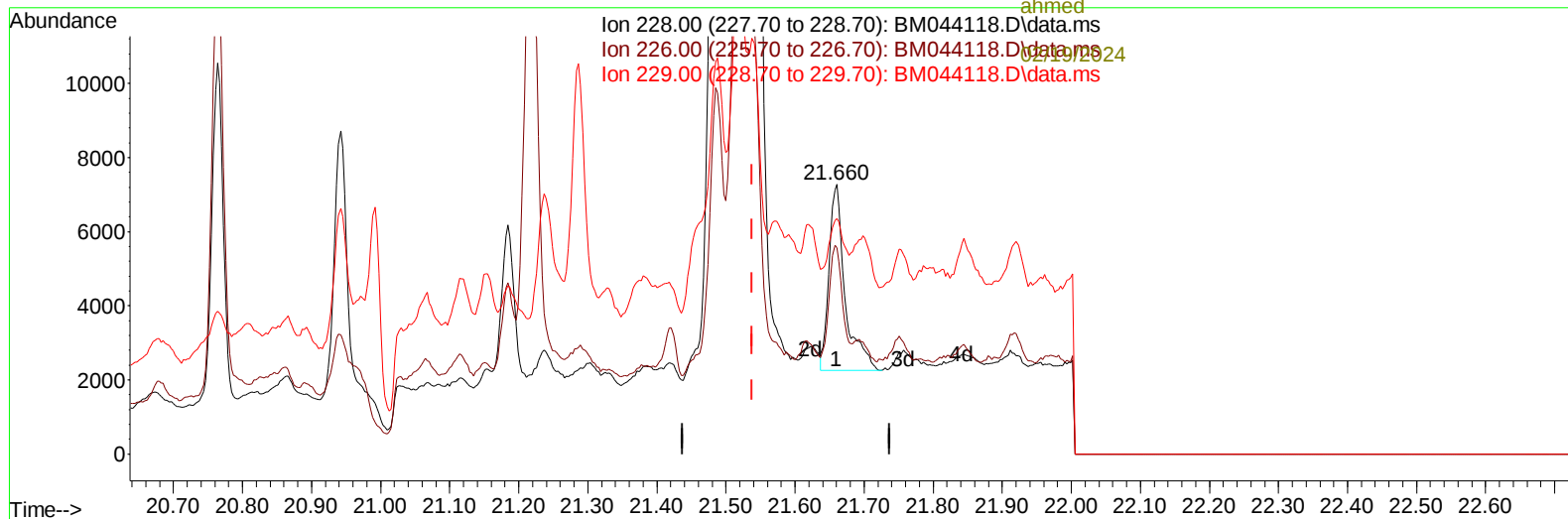
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed

Ion 228.00 (227.70 to 228.70): BM044118.D\data.ms
Ion 226.00 (225.70 to 226.70): BM044118.D\data.ms
Ion 229.00 (228.70 to 229.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(22) Chrysene

21.660min (+ 0.123) 0.10 ng/u1

response 8166

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	76.55#
229.00	19.70	87.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

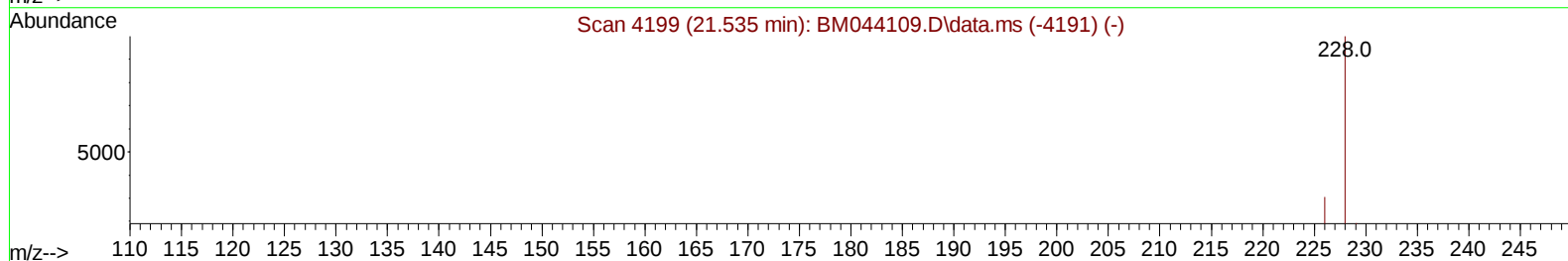
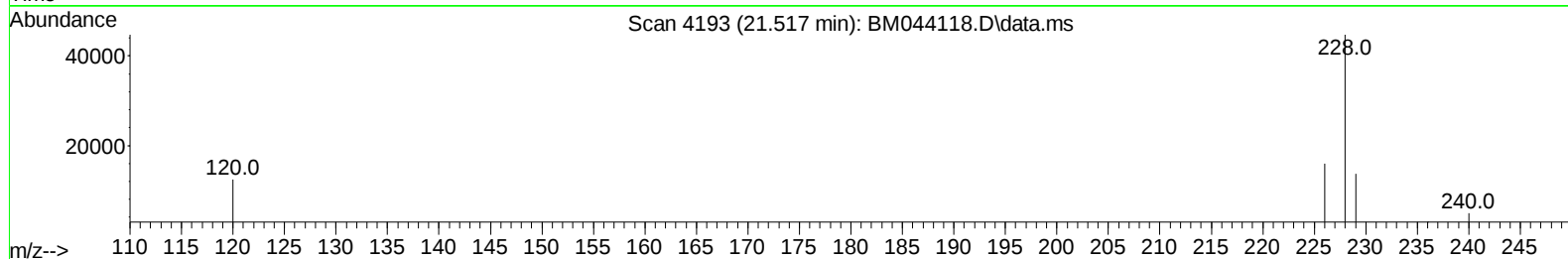
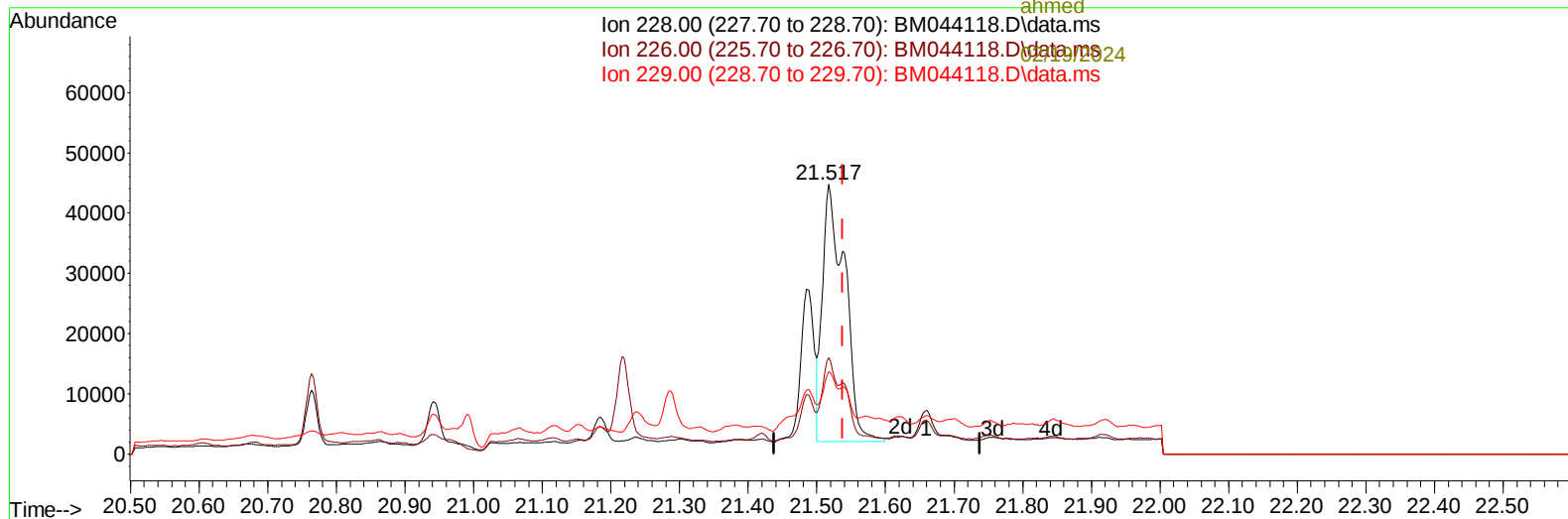
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed

Ion 228.00 (227.70 to 228.70): BM044118.D\data.ms
Ion 226.00 (225.70 to 226.70): BM044118.D\data.ms
Ion 229.00 (228.70 to 229.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(22) Chrysene

21.517min (-0.020) 1.16 ng/u1 m

response 96119

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	35.62
229.00	19.70	30.54#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

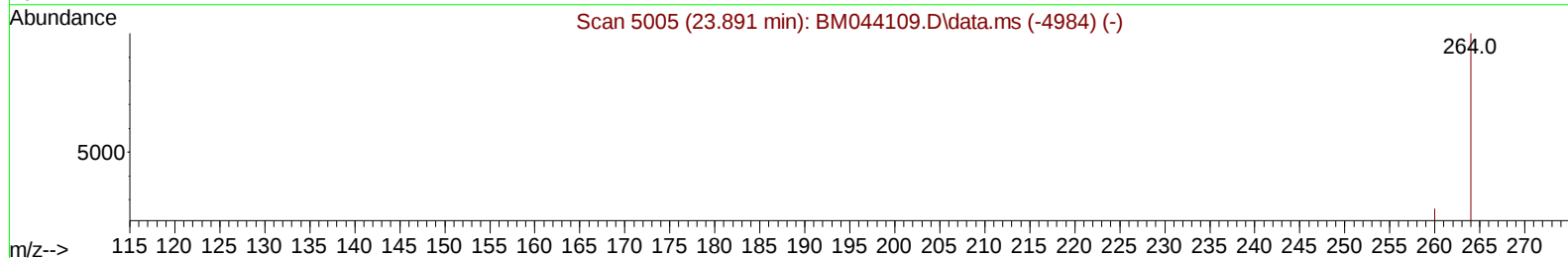
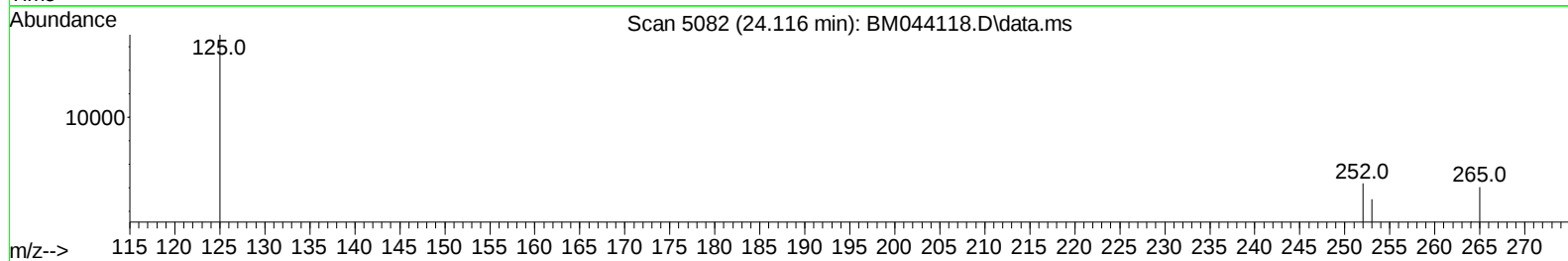
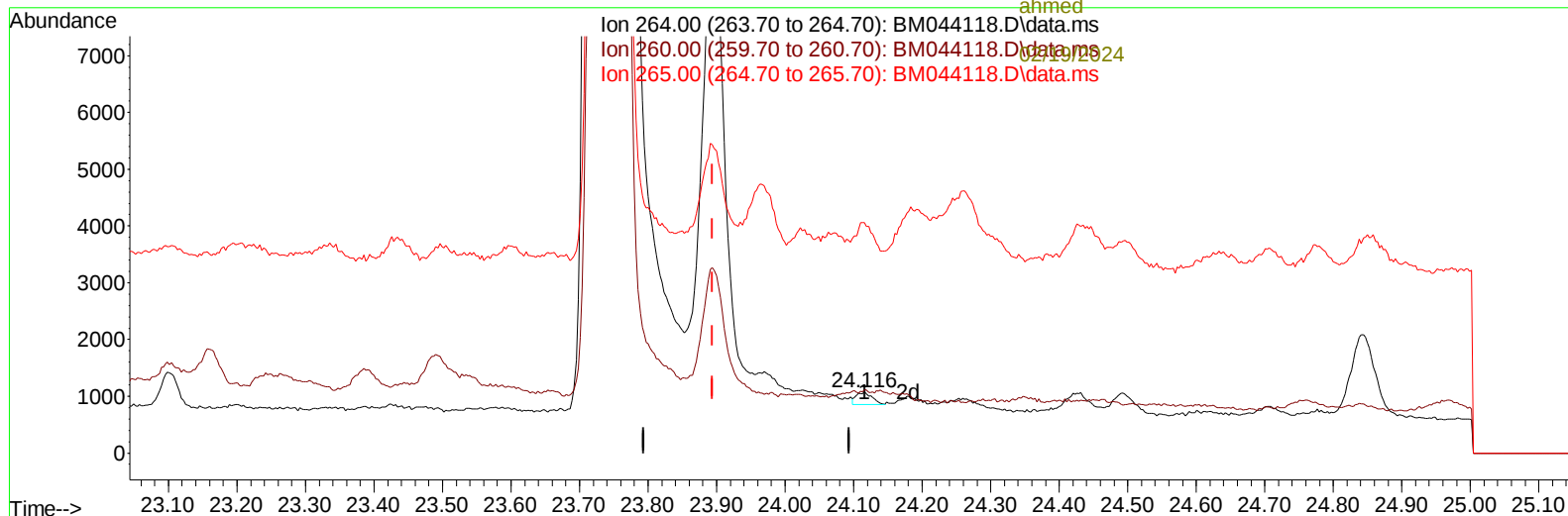
Instrument :
BNA_M
ClientSampleId :
C0FR7

Quant Time: Feb 17 02:56:02 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

Manual IntegrationsAPPROVED

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

02/17/2024
Supervised By :mohammad
ahmed



TIC: BM044118.D\data.ms

(23) Perylene-d12 (I)

24.116min (+ 0.222) 0.40 ng/u1

response 329

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	103.17#
265.00	45.40	378.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

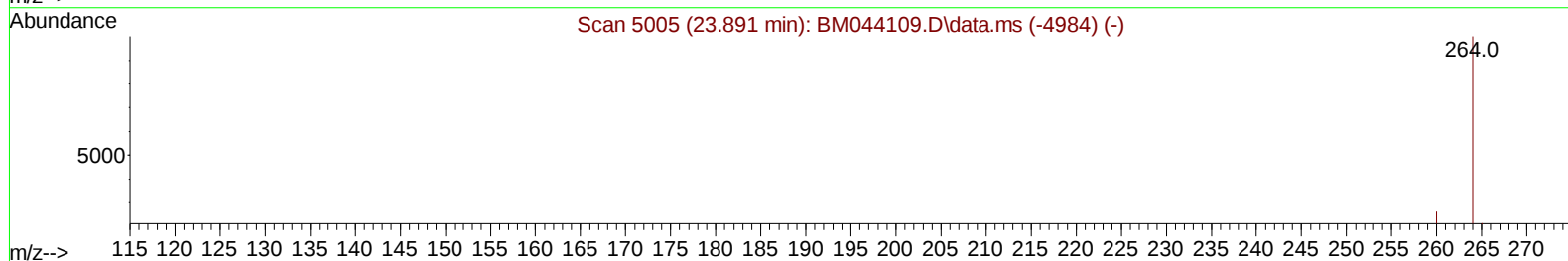
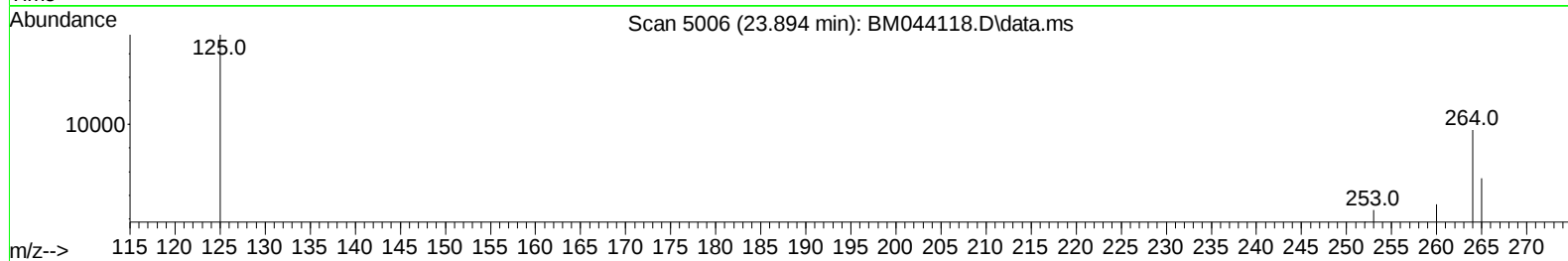
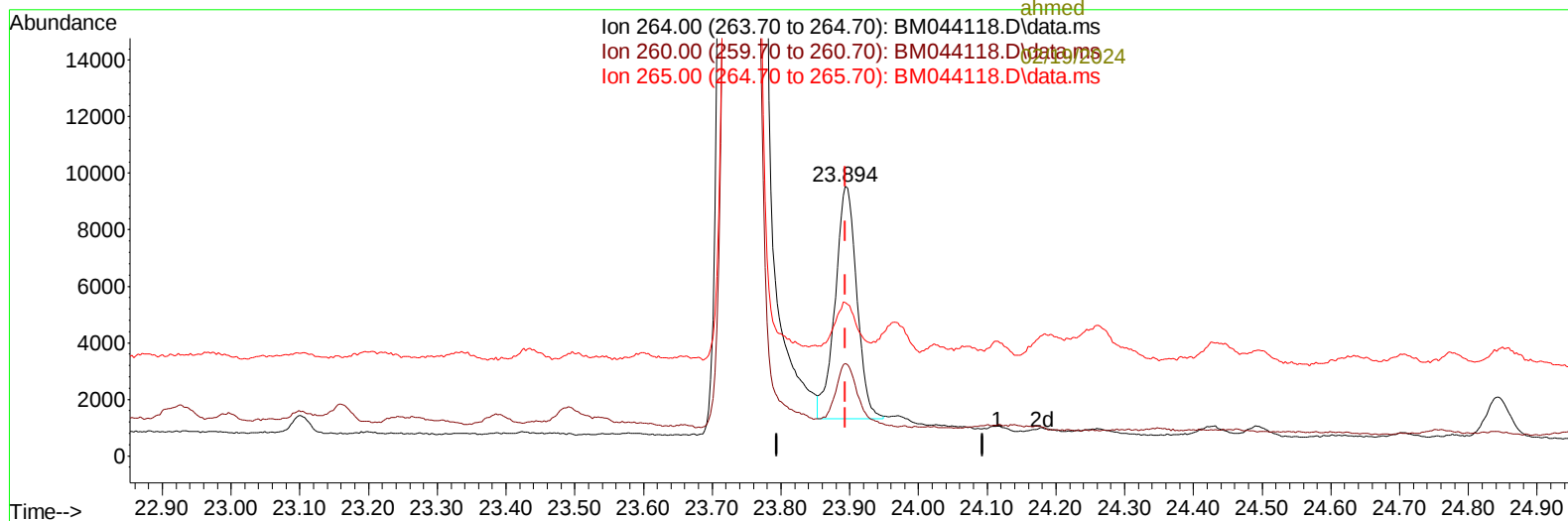
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed



TIC: BM044118.D\data.ms

(23) Perylene-d12 (I)

23.894min (+ 0.000) 0.40 ng/ul m

response 17986

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	34.24#
265.00	45.40	56.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

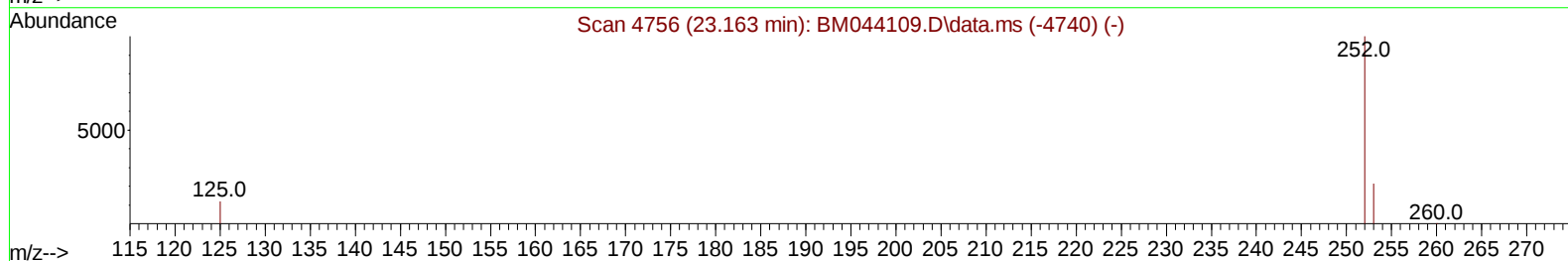
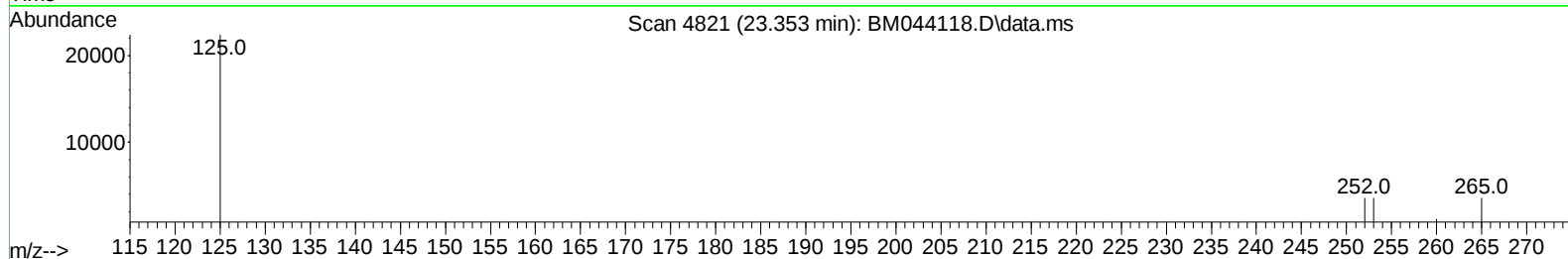
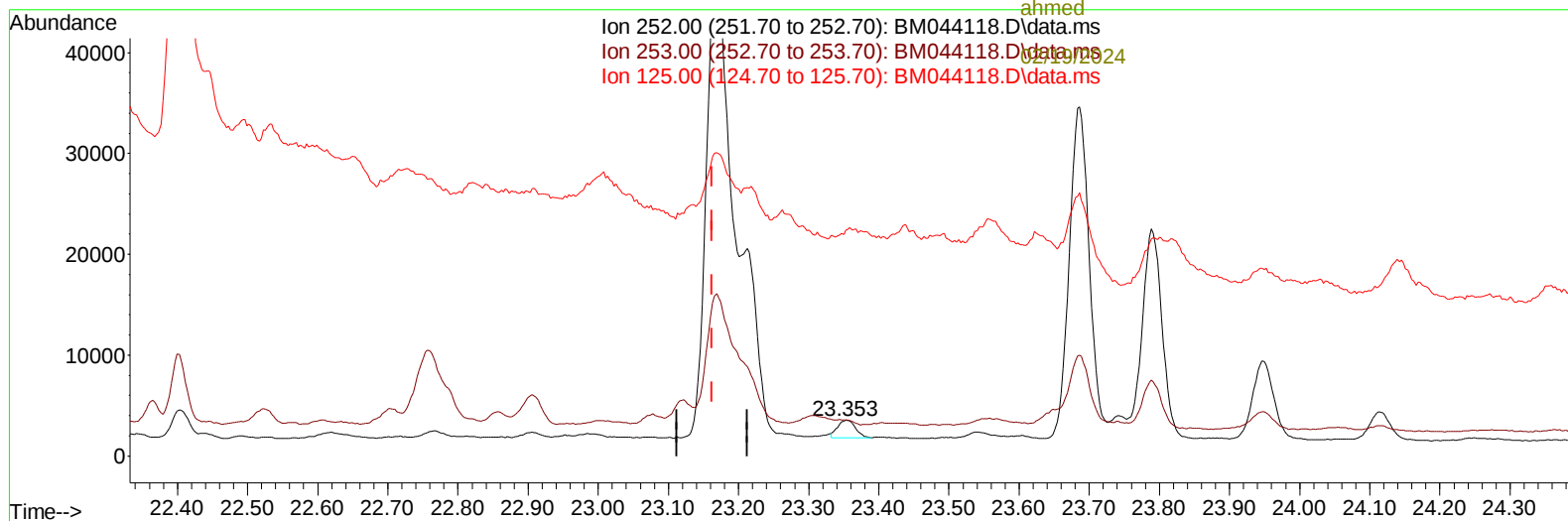
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 2024
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Supervised By :mohammad
ahmed



TIC: BM044118.D\data.ms

(24) Benzo(b)fluoranthene

23.353min (+ 0.190) 0.04 ng/u1

response 3070

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	99.97#
125.00	14.10	629.78#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

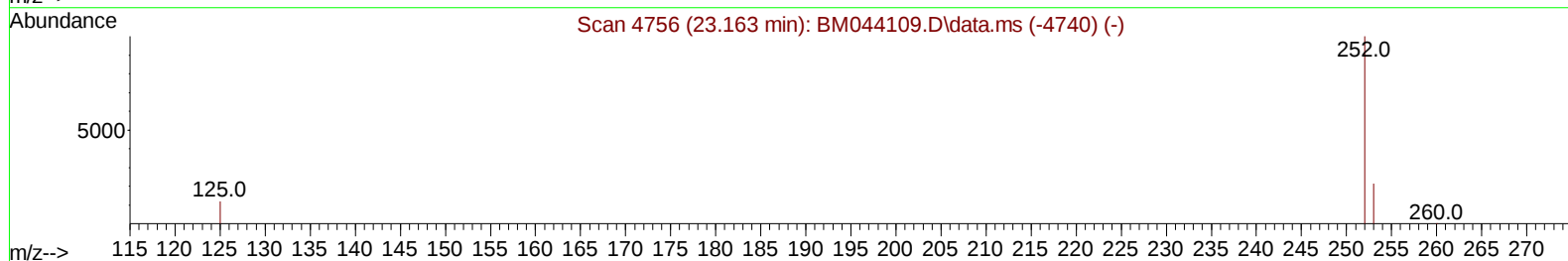
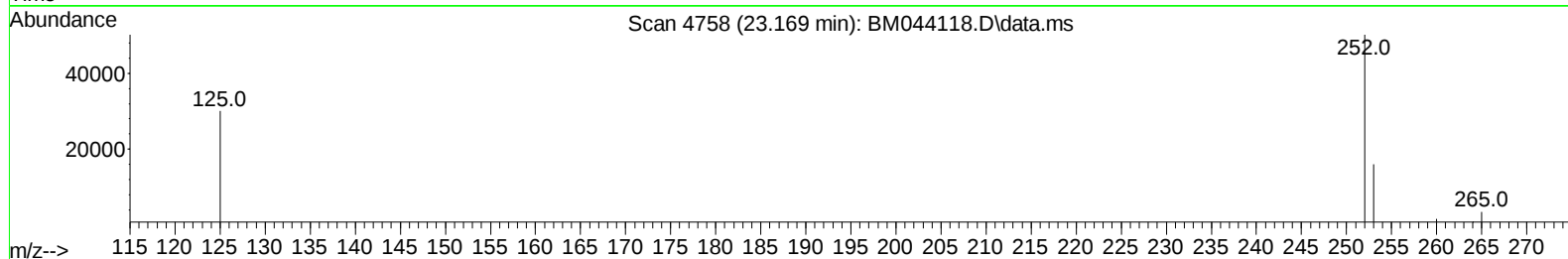
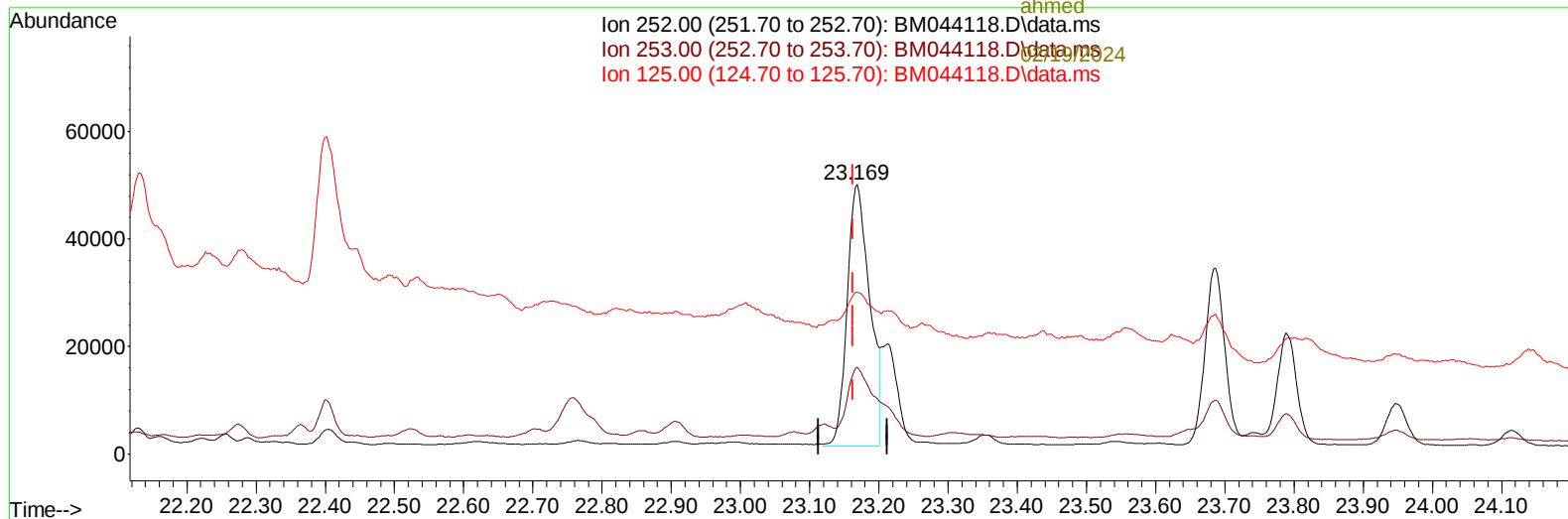
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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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Supervised By :mohammad ahmed 02/19/2024

02/17/2024
Supervised By :mohammad
ahmed

Ion 252.00 (251.70 to 252.70): BM044118.D\data.ms
Ion 253.00 (252.70 to 253.70): BM044118.D\data.ms
Ion 125.00 (124.70 to 125.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(24) Benzo(b)fluoranthene

23.169min (+ 0.006) 1.49 ng/u1 m

response 110554

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	32.09
125.00	14.10	60.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

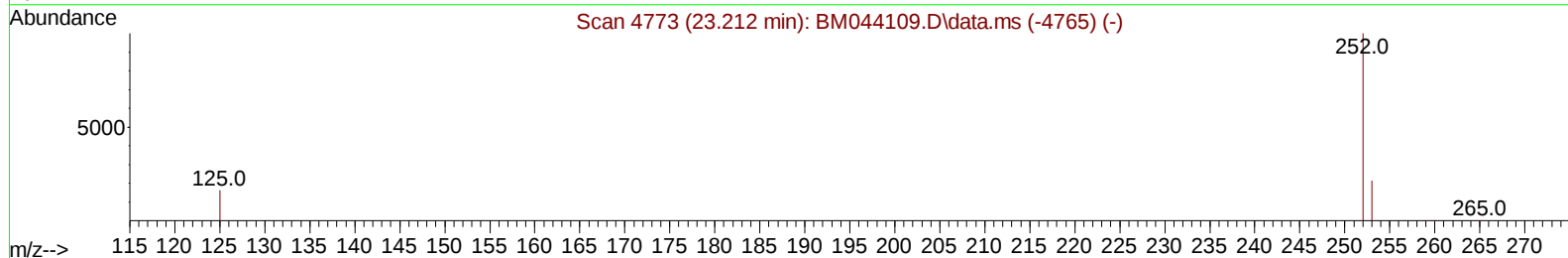
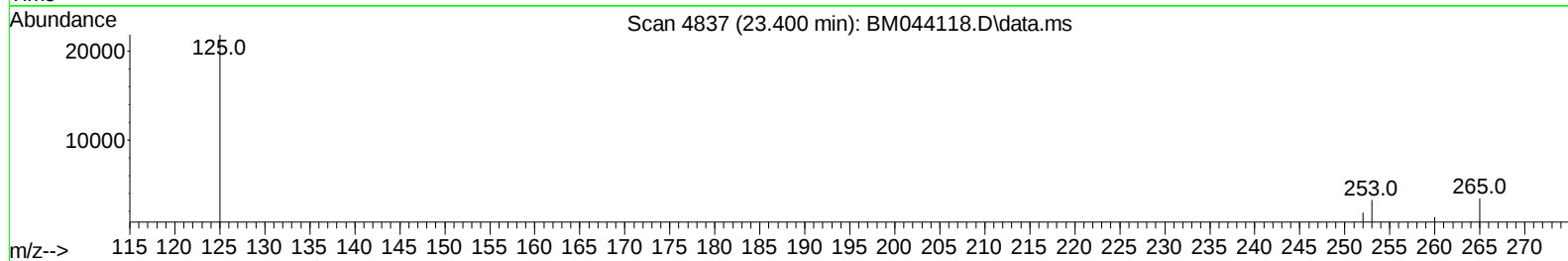
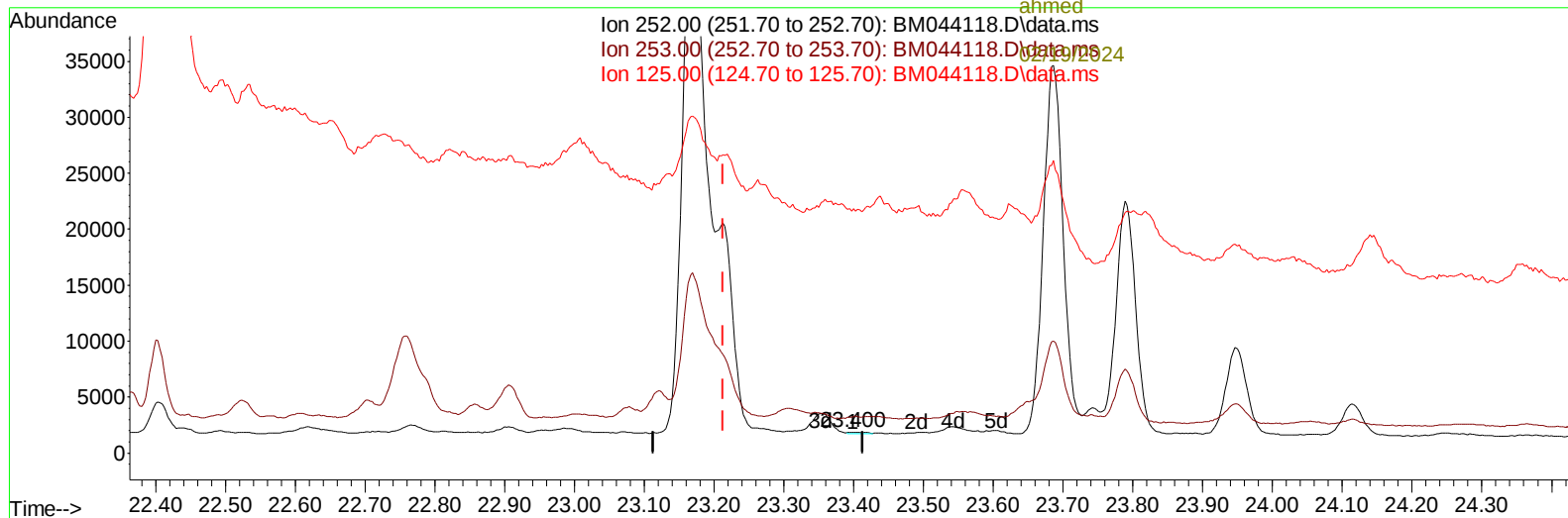
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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02/17/2024
Supervised By :mohammad
ahmed



TIC: BM044118.D\data.ms

(25) Benzo(k)fluoranthene

23.400min (+ 0.187) 0.00 ng/u1

response 140

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	175.71#
125.00	15.40	1170.62#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

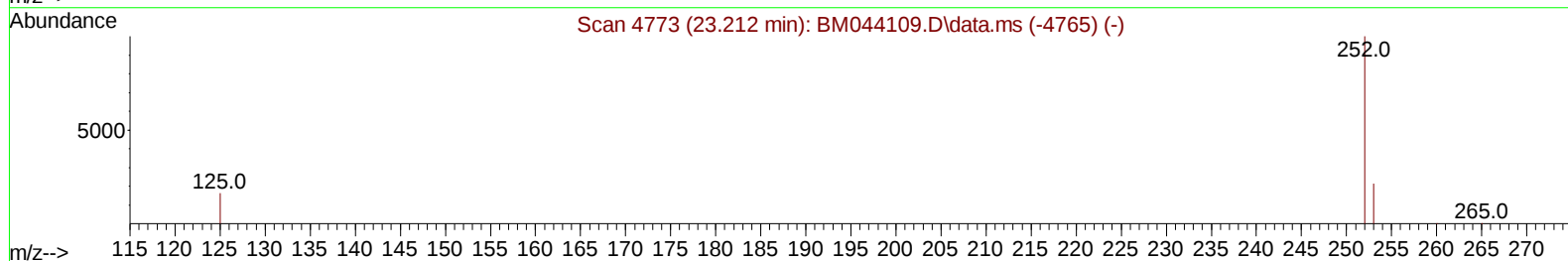
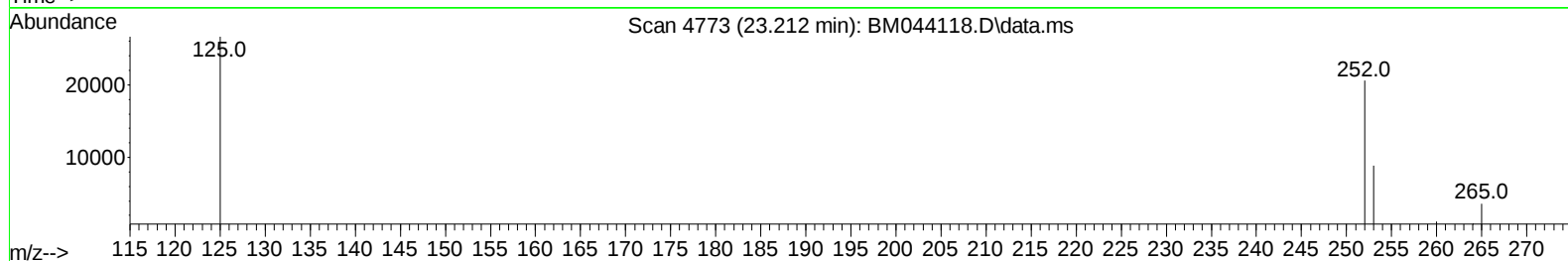
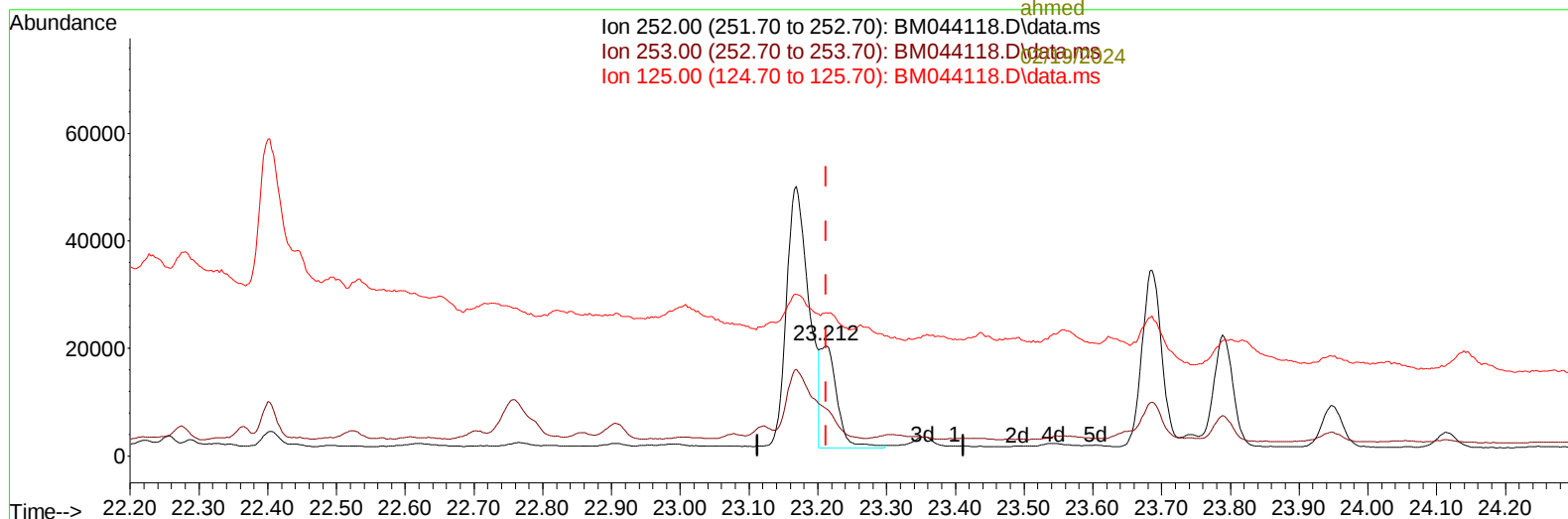
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed

Ion 252.00 (251.70 to 252.70): BM044118.D\data.ms
Ion 253.00 (252.70 to 253.70): BM044118.D\data.ms
Ion 125.00 (124.70 to 125.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

(25) Benzo(k)fluoranthene

23.212min (+ 0.000) 0.41 ng/u1 m

response 32638

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	42.96#
125.00	15.40	129.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

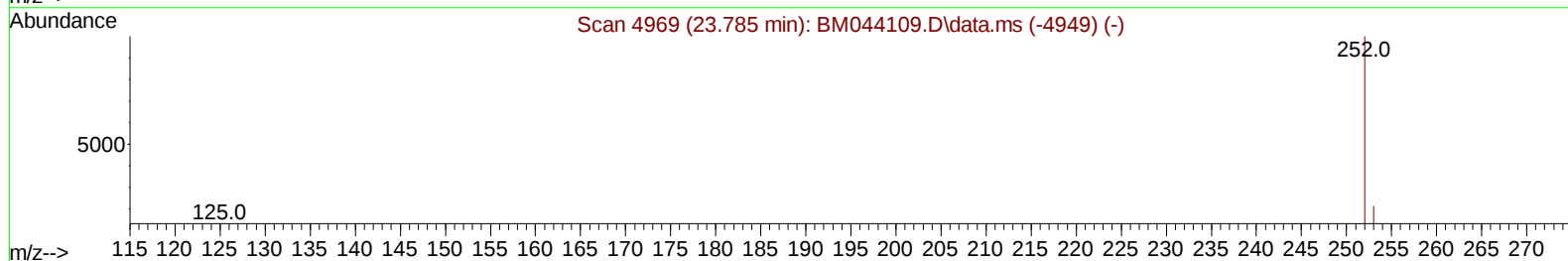
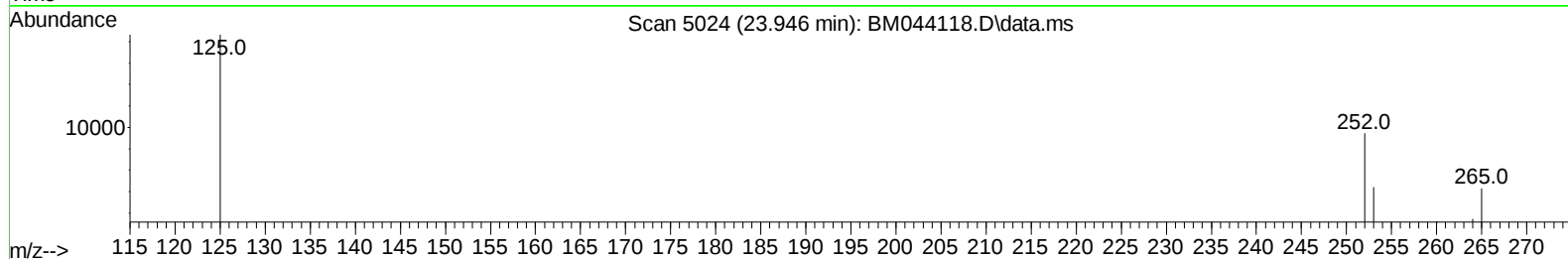
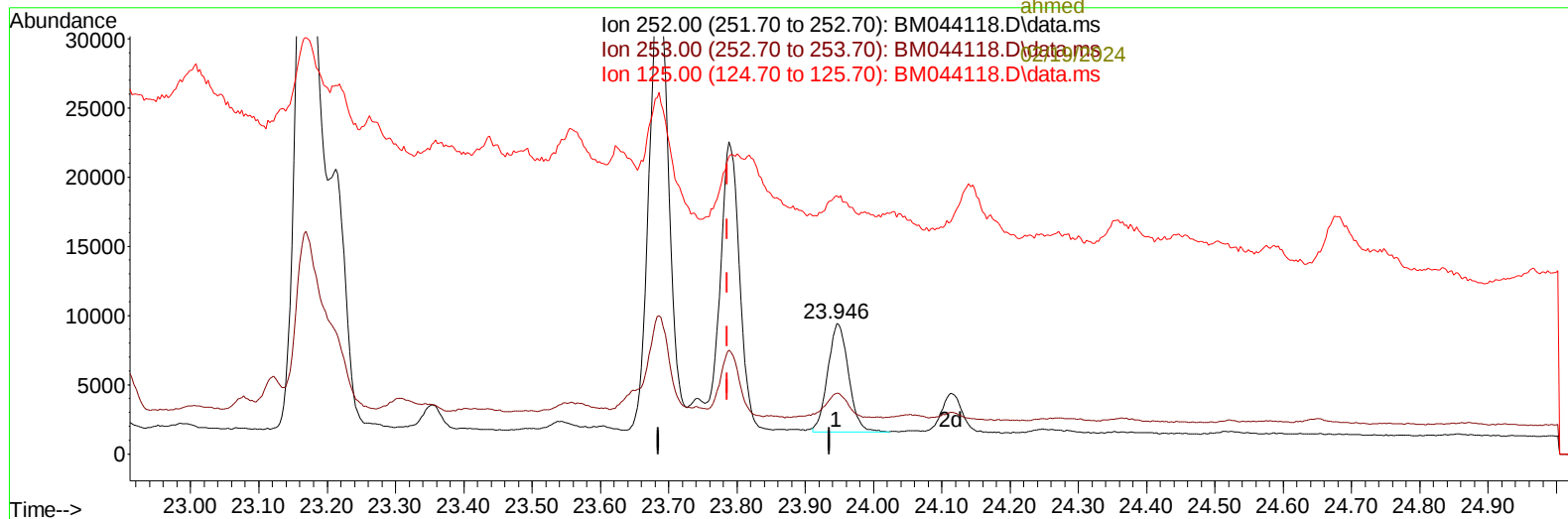
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 2024
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Supervised By :mohammad ahmed 02/19/2024

02/17/2024
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ahmed



TIC: BM044118.D\data.ms

(26) Benzo(a)pyrene (C)

23.946min (+ 0.161) 0.24 ng/u1

response 16397

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	46.67#
125.00	16.60	197.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

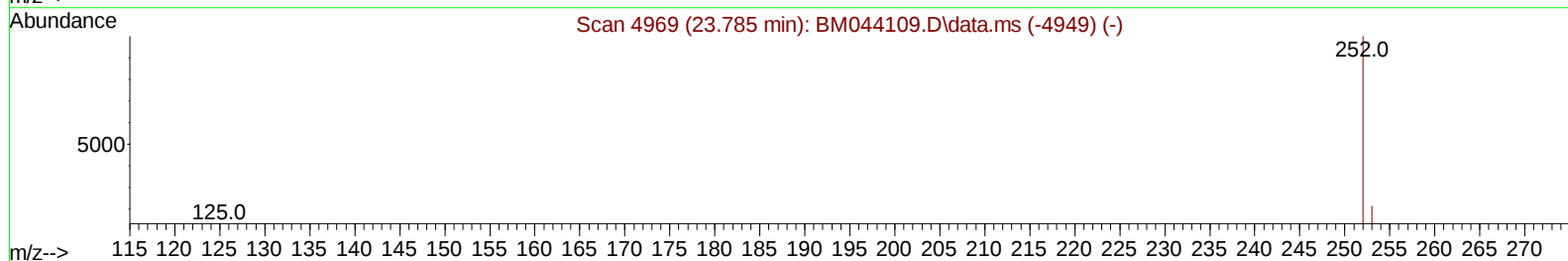
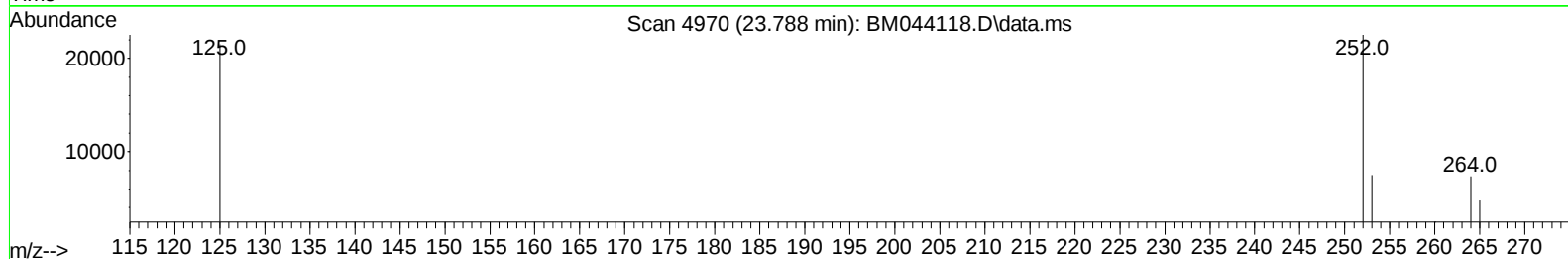
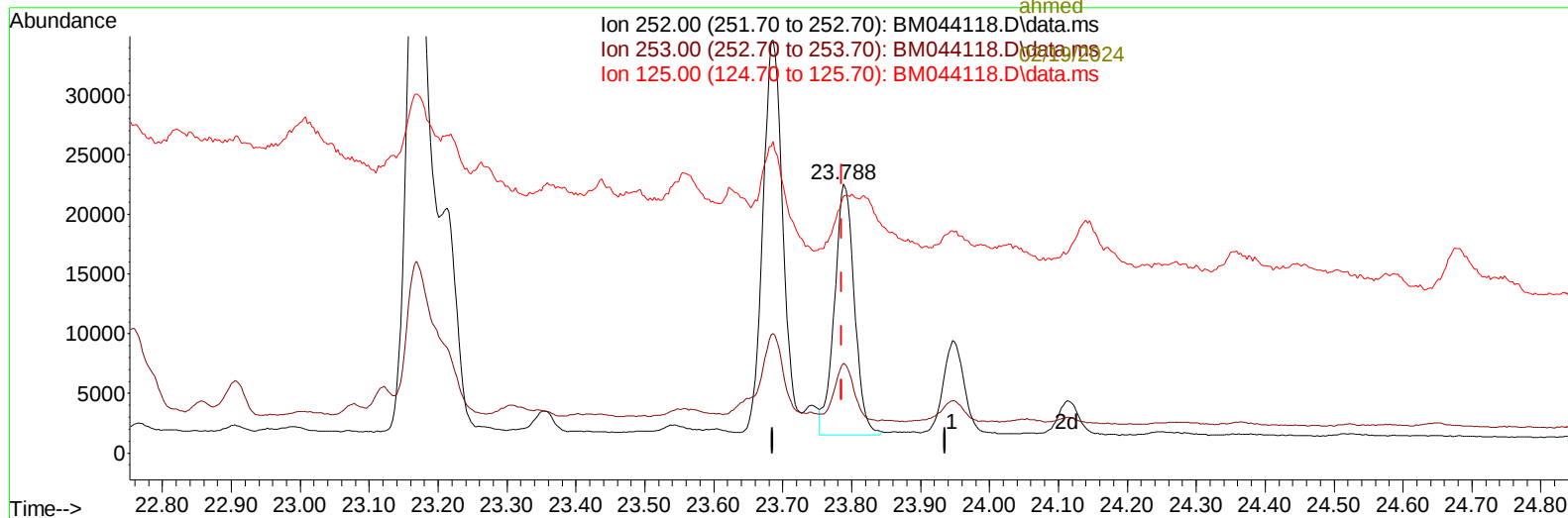
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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ahmed



TIC: BM044118.D\data.ms

(26) Benzo(a)pyrene (C)

23.788min (+ 0.003) 0.61 ng/u1 m

response 42281

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	33.39#
125.00	16.60	95.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

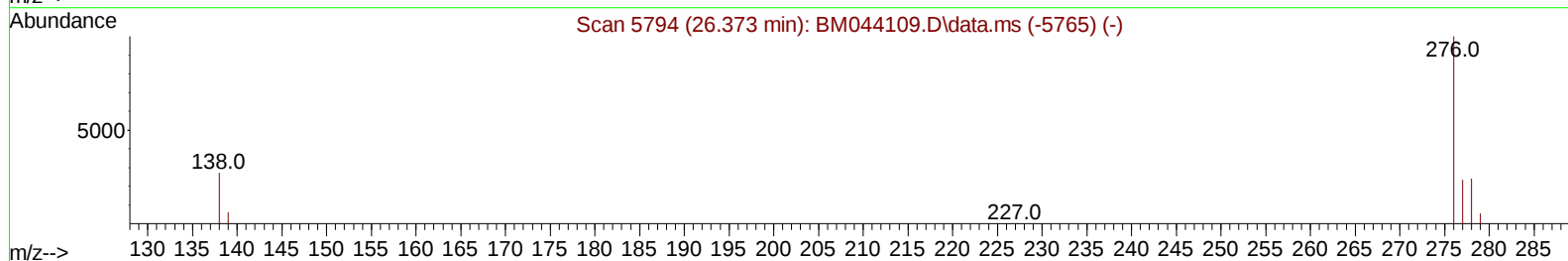
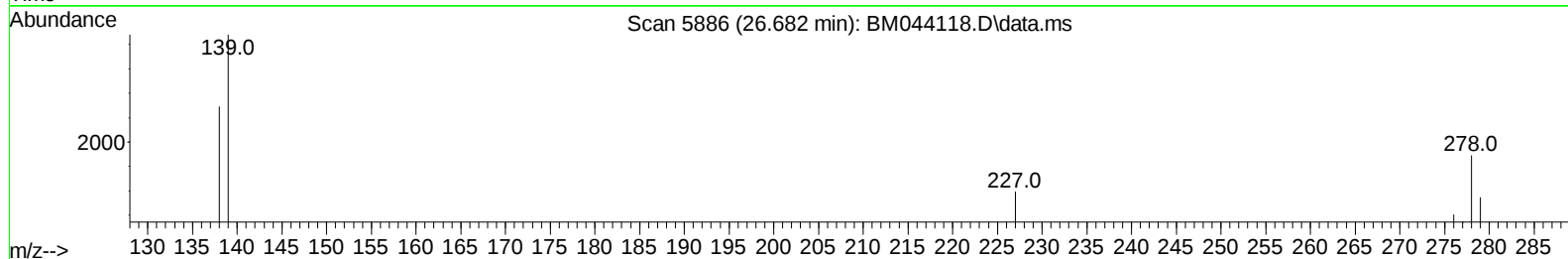
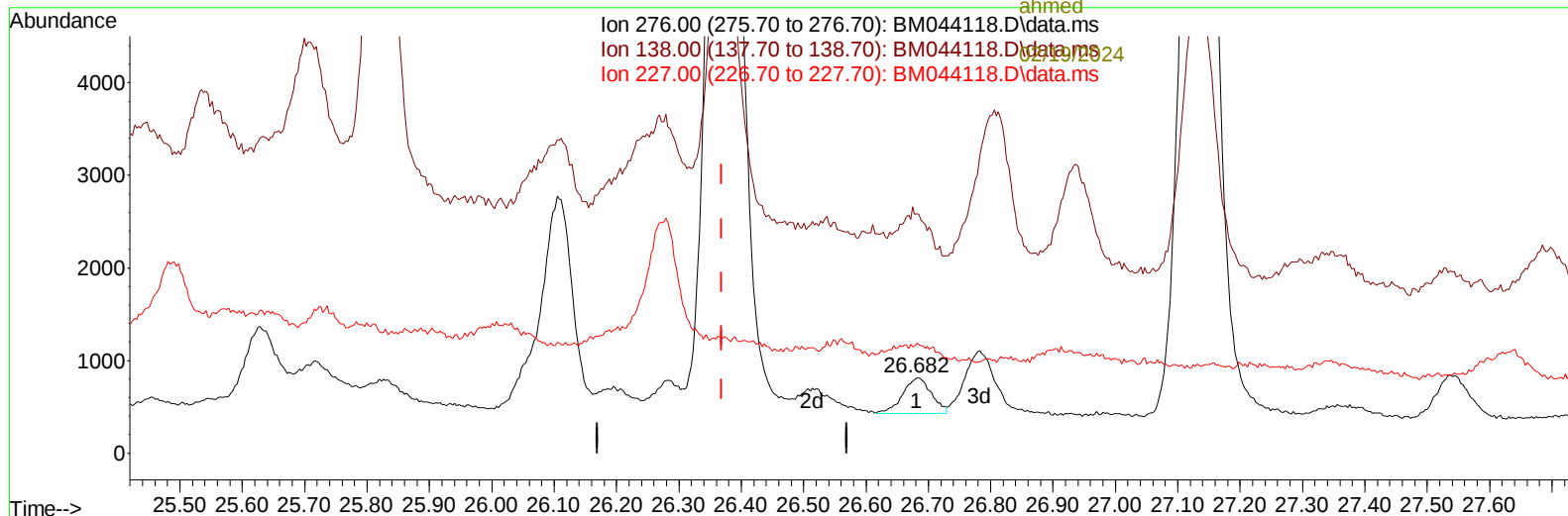
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed

Ion 276.00 (275.70 to 276.70): BM044118.D\data.ms
Ion 138.00 (137.70 to 138.70): BM044118.D\data.ms
Ion 227.00 (226.70 to 227.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

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

26.682min (+ 0.312) 0.01 ng/u1

response 1222

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	130.44#
227.00	0.10	74.96#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

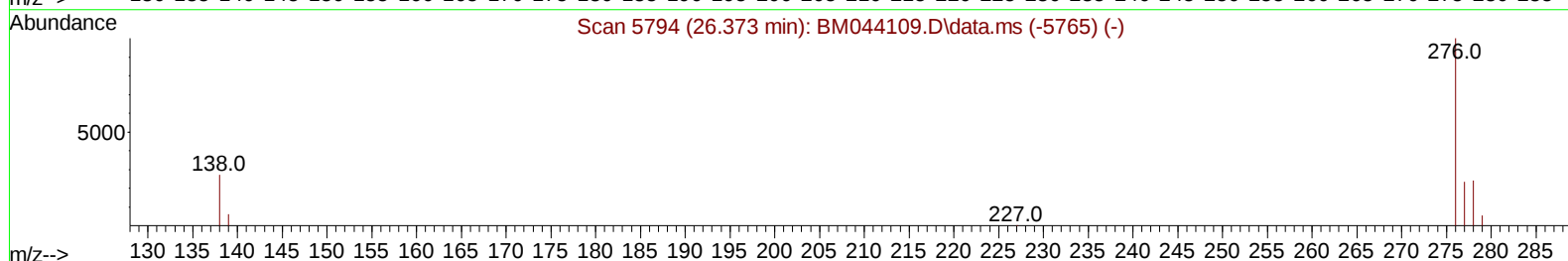
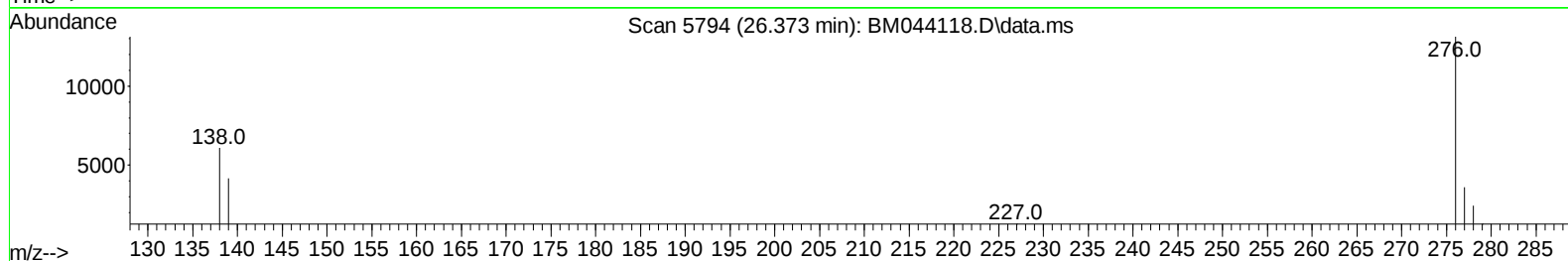
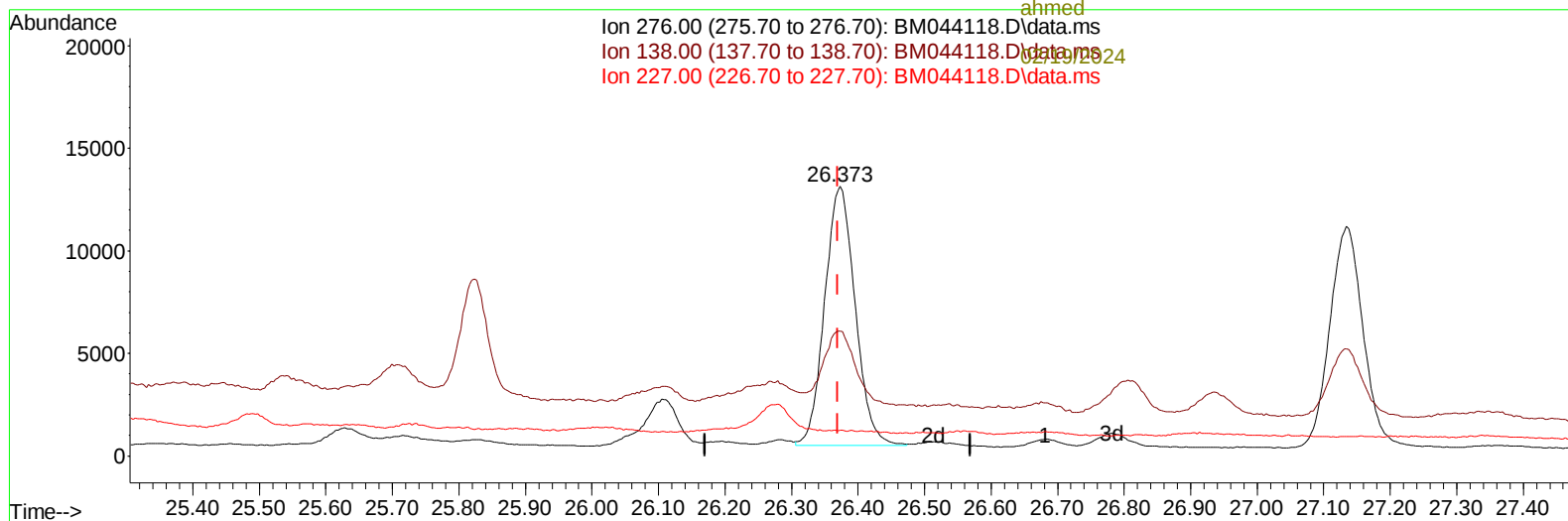
Manual IntegrationsAPPROVED

Quant Time: Feb 17 02:56:02 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

02/17/2024
Supervised By :mohammad
ahmed

Ion 276.00 (275.70 to 276.70): BM044118.D\data.ms
Ion 138.00 (137.70 to 138.70): BM044118.D\data.ms
Ion 227.00 (226.70 to 227.70): BM044118.D\data.ms



TIC: BM044118.D\data.ms

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

26.373min (+ 0.003) 0.46 ng/u1 m

response 40031

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	3.98#
227.00	0.10	2.29#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

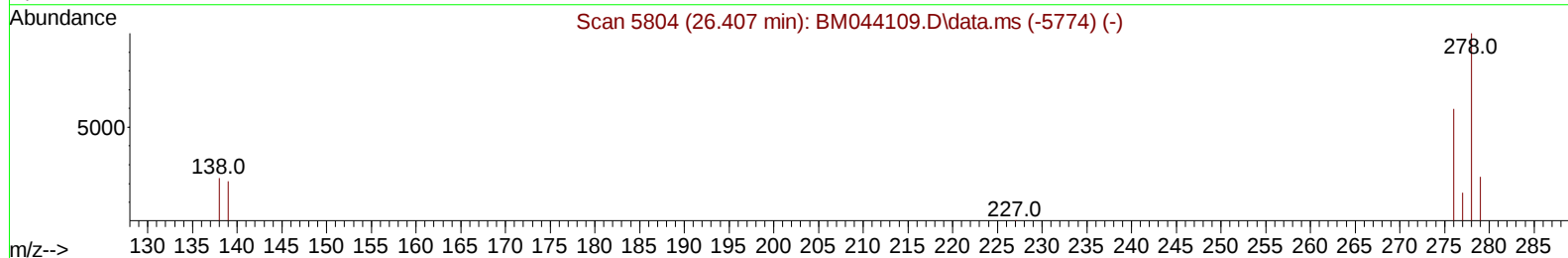
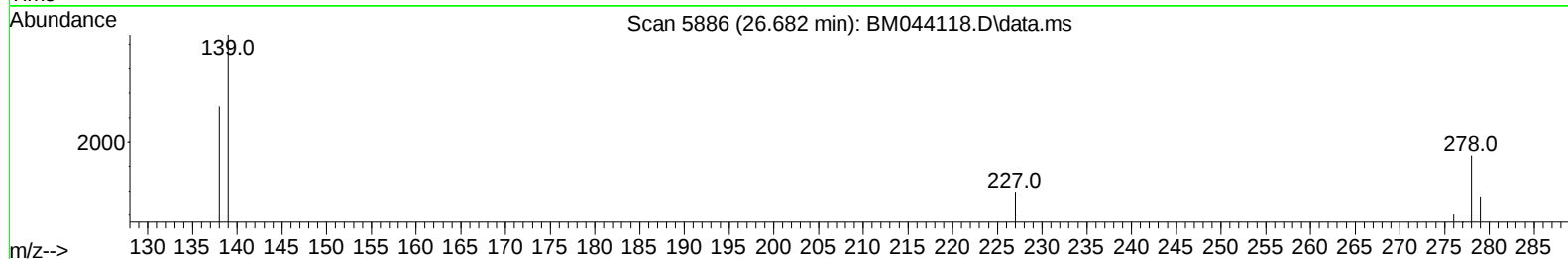
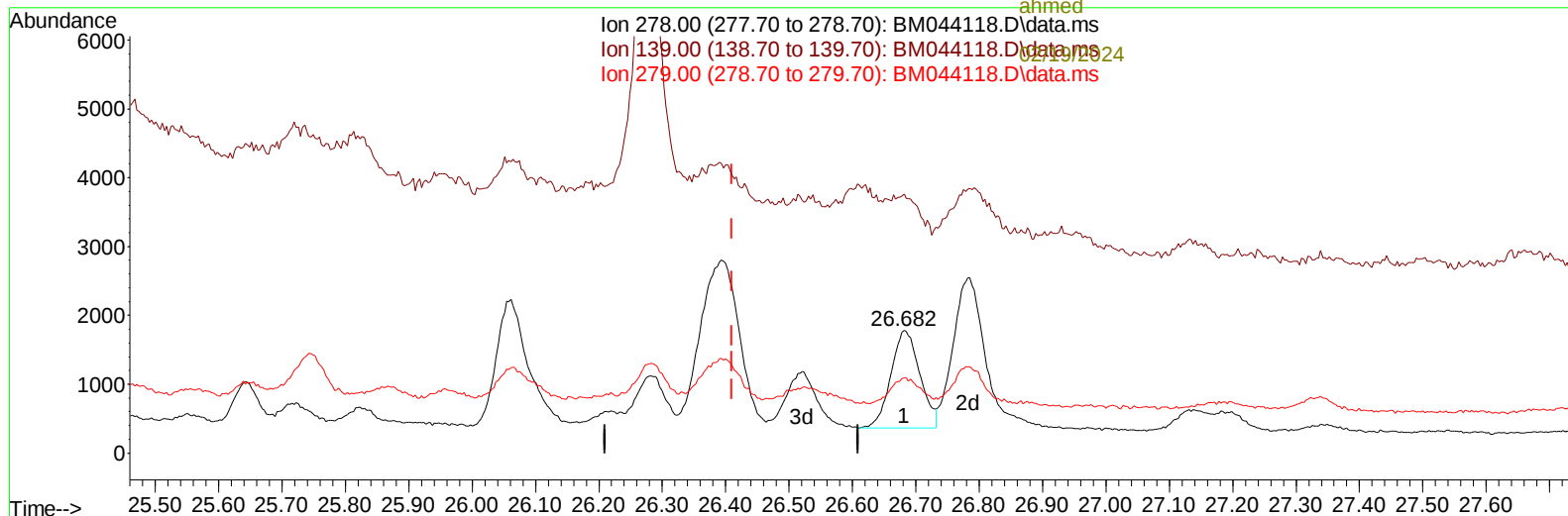
Instrument :
BNA_M
ClientSampleId :
C0FR7

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TIC: BM044118.D\data.ms

(28) Dibenzo(a,h)anthracene

26.682min (+ 0.272) 0.07 ng/u1

response 4503

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	211.30#
279.00	27.30	61.44#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

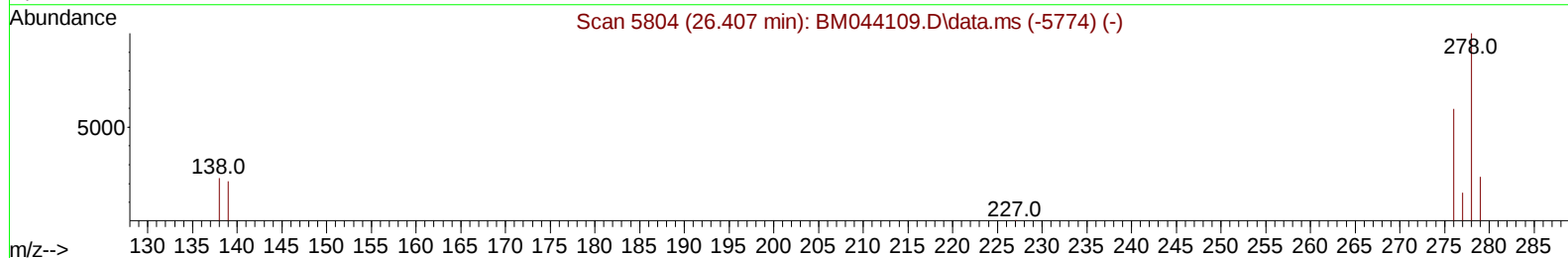
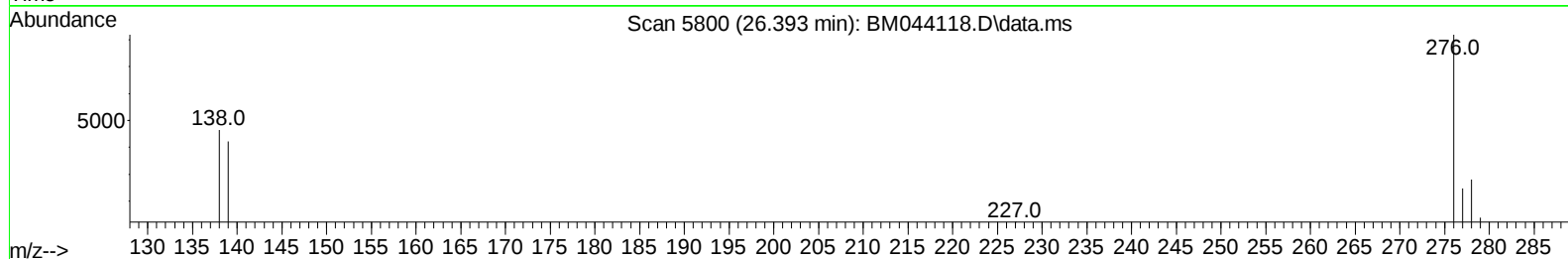
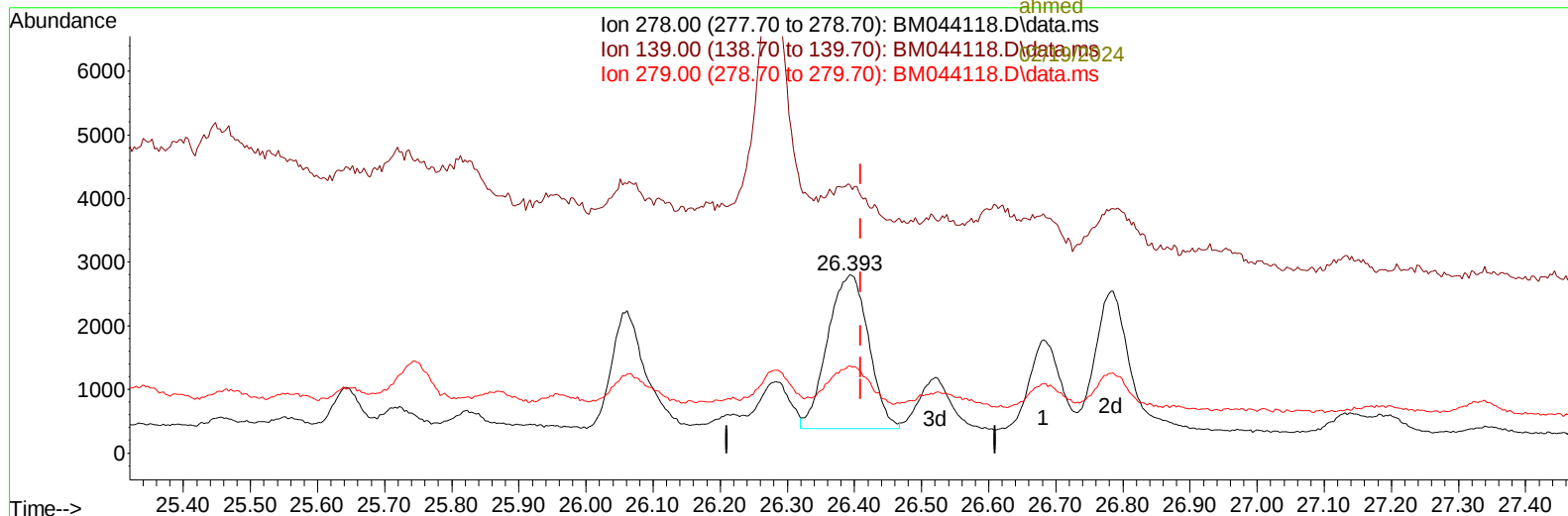
Instrument :
BNA_M
ClientSampleId :
C0FR7

Manual IntegrationsAPPROVED

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ahmed



TIC: BM044118.D\data.ms

(28) Dibenzo(a,h)anthracene

26.393min (-0.017) 0.15 ng/ul m

response 10247

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	150.43#
279.00	27.30	49.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR7

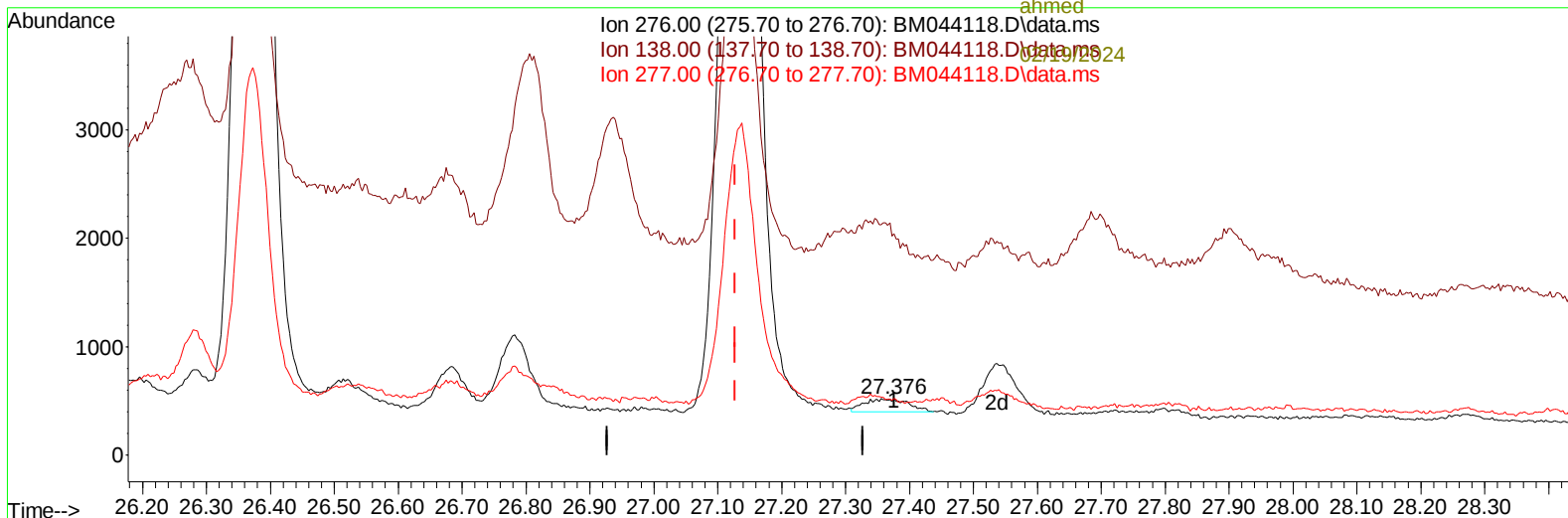
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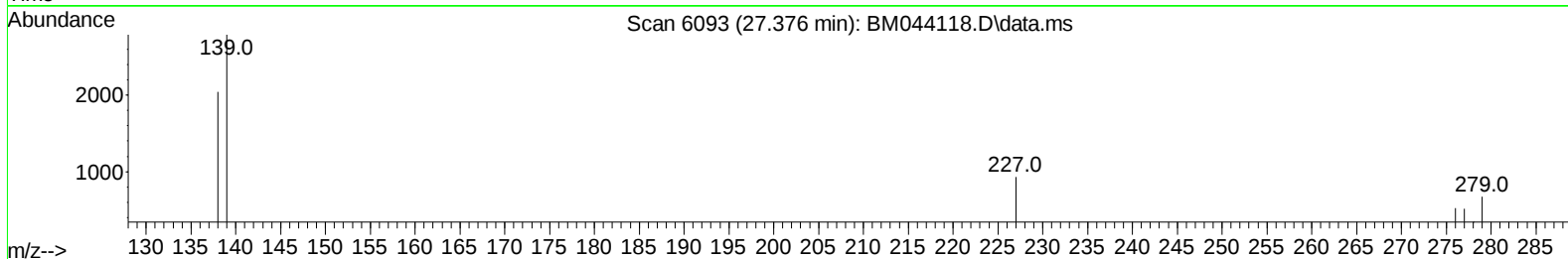
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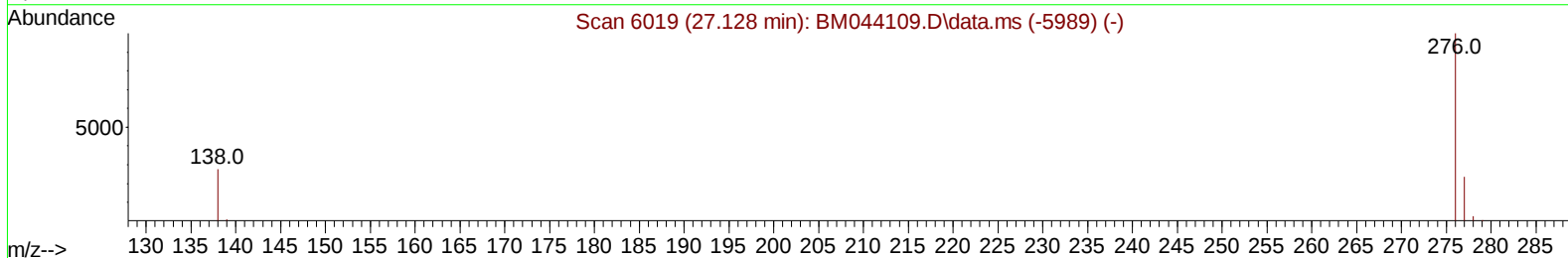
Ion 276.00 (275.70 to 276.70): BM044118.D\data.ms
Ion 138.00 (137.70 to 138.70): BM044118.D\data.ms
Ion 277.00 (276.70 to 277.70): BM044118.D\data.ms



Scan 6093 (27.376 min): BM044118.D\data.ms



Scan 6019 (27.128 min): BM044109.D\data.ms (-5989) (-)



TIC: BM044118.D\data.ms

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

27.376min (+ 0.248) 0.01 ng/u1

response 584

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	389.69#
277.00	23.80	99.05#
0.00	0.00	0.00

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Data File : BM044118.D
Acq On : 16 Feb 2024 01:50
Operator : MA/JU
Sample : P1329-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

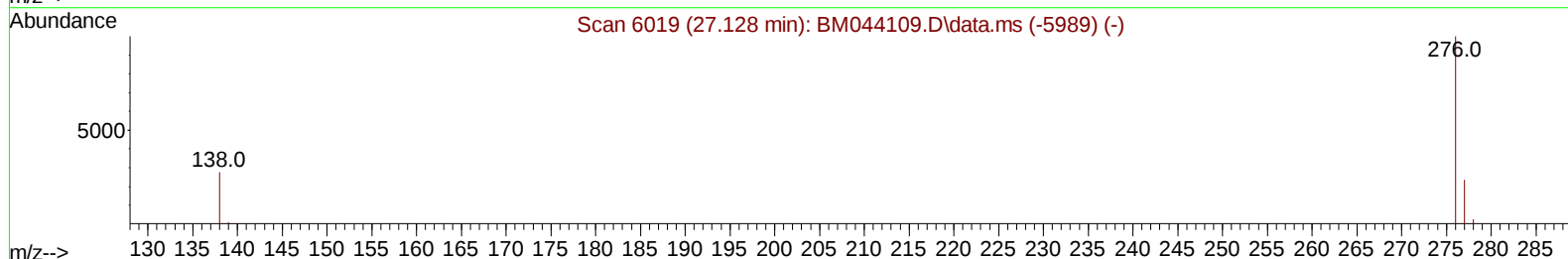
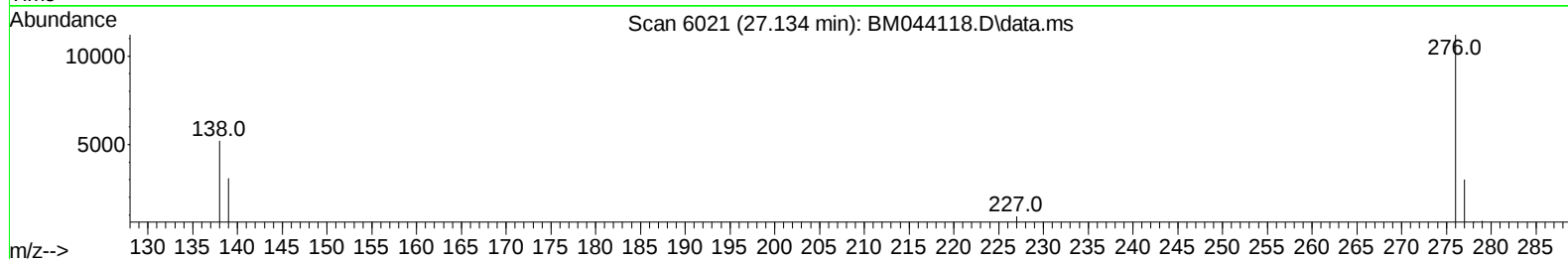
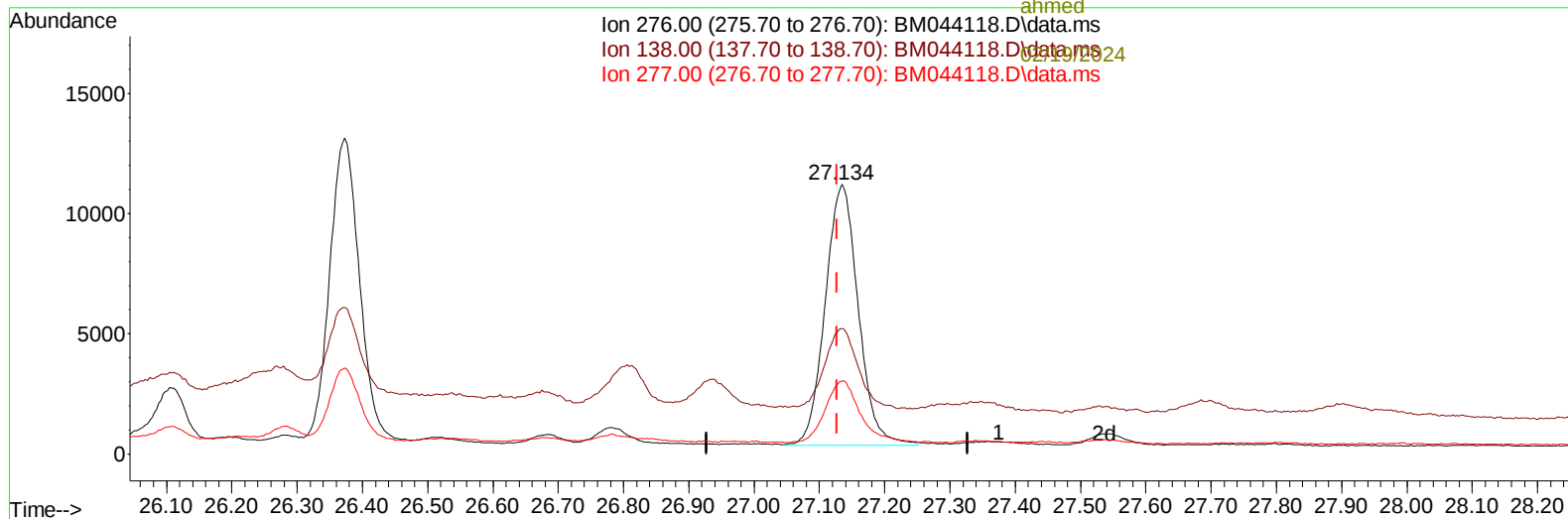
Instrument :
BNA_M
ClientSampleId :
C0FR7

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ahmed



TIC: BM044118.D\data.ms

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

27.134min (+ 0.007) 0.49 ng/ul m

response 38062

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	46.51#
277.00	23.80	27.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044118.D
 Acq On : 16 Feb 2024 01:50
 Operator : MA/JU
 Sample : P1329-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FR7

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 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	8441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	32188	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	18476	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.296	188	34348m	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16756m	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	17986m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	47303	3.957	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	19215	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	22997m	0.460	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.754	128	33322	0.348	ng/ul#	75
7) 2-Methylnaphthalene	12.371	142	39523	0.670	ng/ul#	69
8) 1-Methylnaphthalene	12.585	142	35354	0.592	ng/ul#	71
10) Acenaphthylene	14.279	152	14219	0.140	ng/ul#	1
11) Acenaphthene	14.607	153	4873	0.066	ng/ul#	65
12) Fluorene	15.597	166	3848	0.046	ng/ul#	34
14) Pentachlorophenol	16.942	266	915	0.074	ng/ul	98
15) Phenanthrene	17.339	178	25509m	0.234	ng/ul	
19) Fluoranthene	19.359	202	288926m	3.782	ng/ul	
20) Pyrene	19.726	202	189367	2.357	ng/ul	96
21) Benzo(a)anthracene	21.485	228	36950m	0.482	ng/ul	
22) Chrysene	21.517	228	96119m	1.162	ng/ul	
24) Benzo(b)fluoranthene	23.169	252	110554m	1.489	ng/ul	
25) Benzo(k)fluoranthene	23.212	252	32638m	0.405	ng/ul	
26) Benzo(a)pyrene	23.788	252	42281m	0.613	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.373	276	40031m	0.456	ng/ul	
28) Dibenzo(a,h)anthracene	26.393	278	10247m	0.148	ng/ul	
29) Benzo(g,h,i)perylene	27.134	276	38062m	0.490	ng/ul	

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

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