

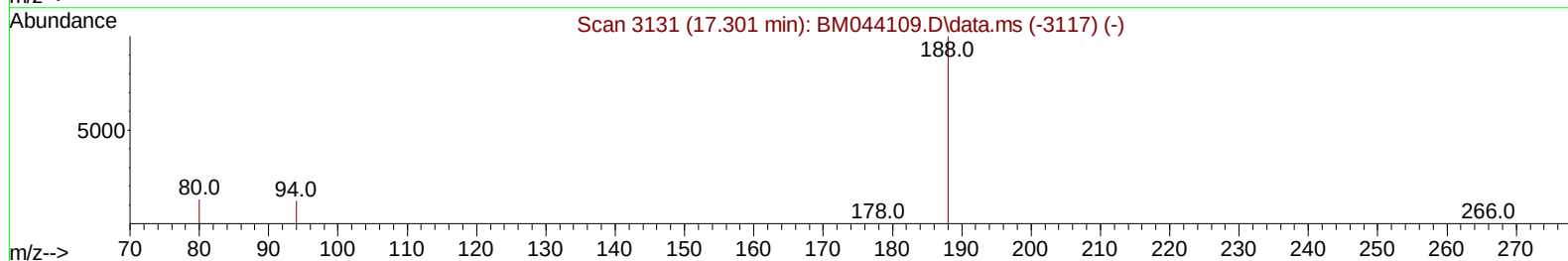
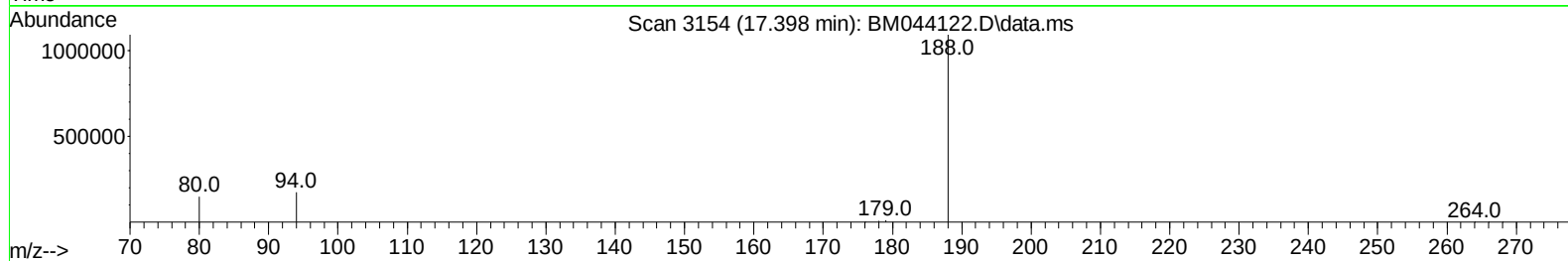
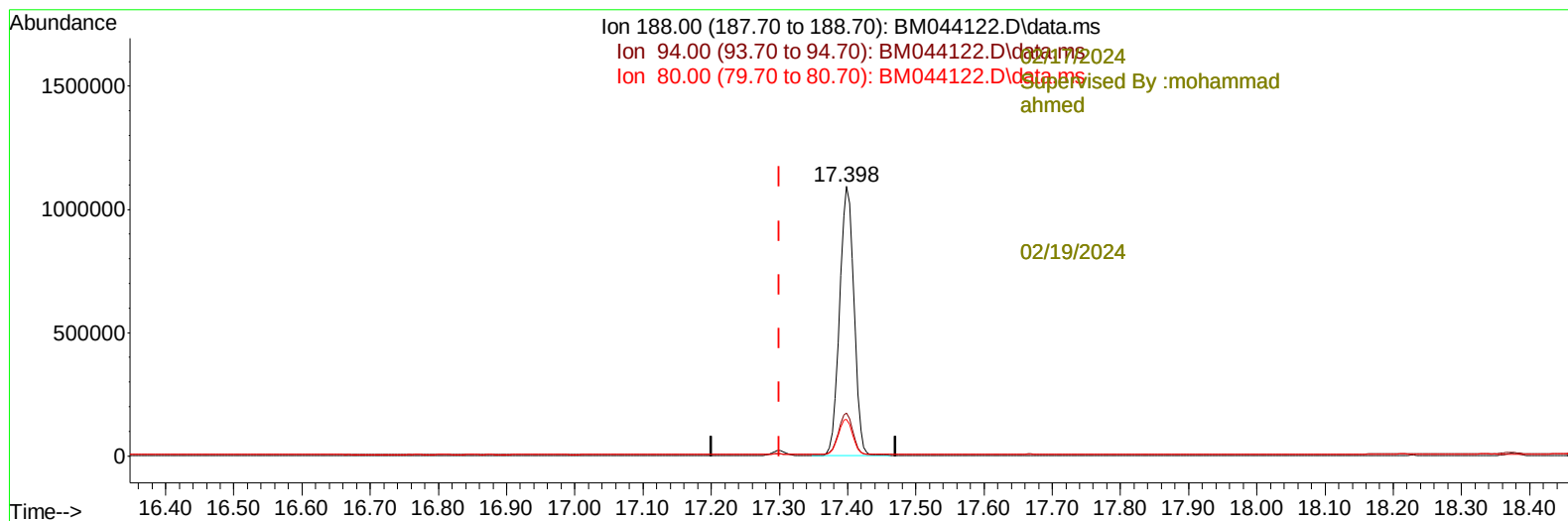
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.098) 0.40 ng/u1

response 1613688

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.86#
80.00	13.40	13.64
0.00	0.00	0.00

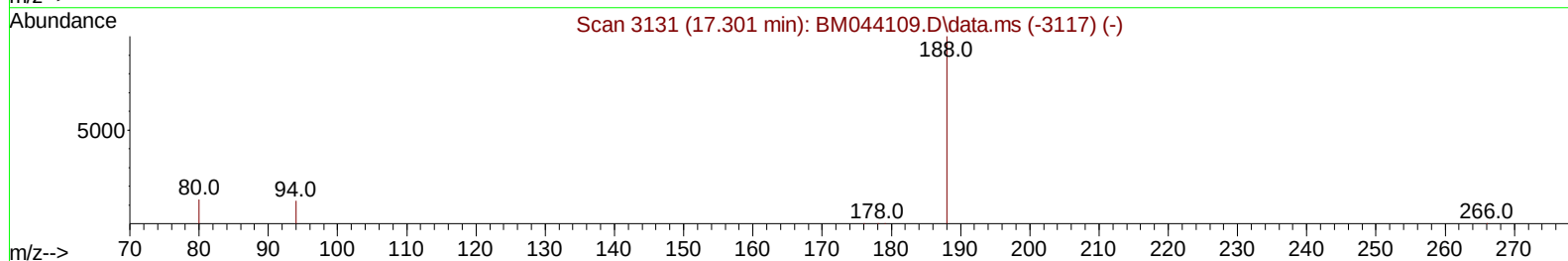
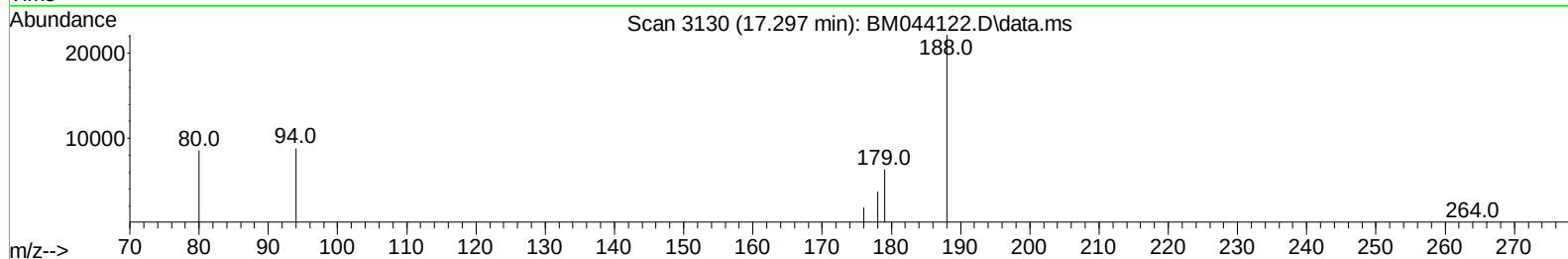
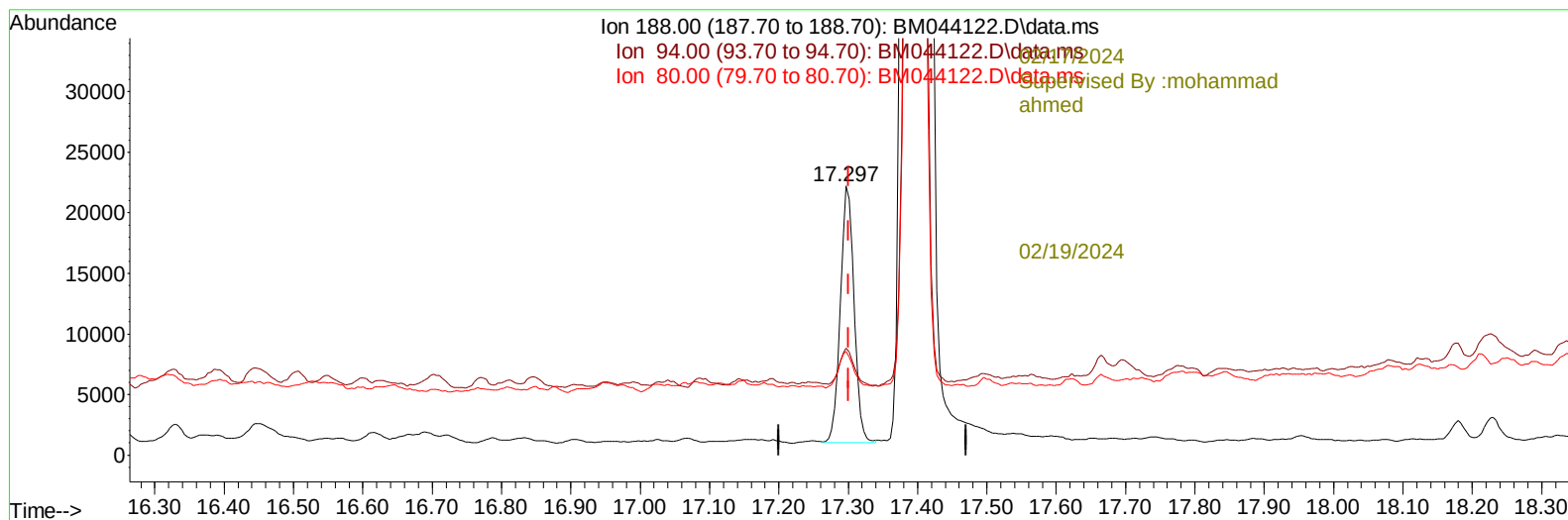
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(13) Phenanthrene-d10 (I)

17.297min (-0.003) 0.40 ng/ul m

response 29302

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	39.70#
80.00	13.40	38.53#
0.00	0.00	0.00

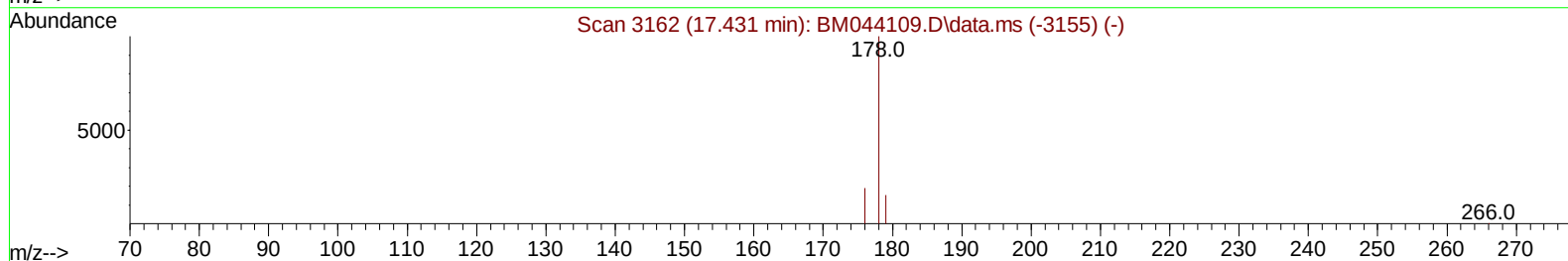
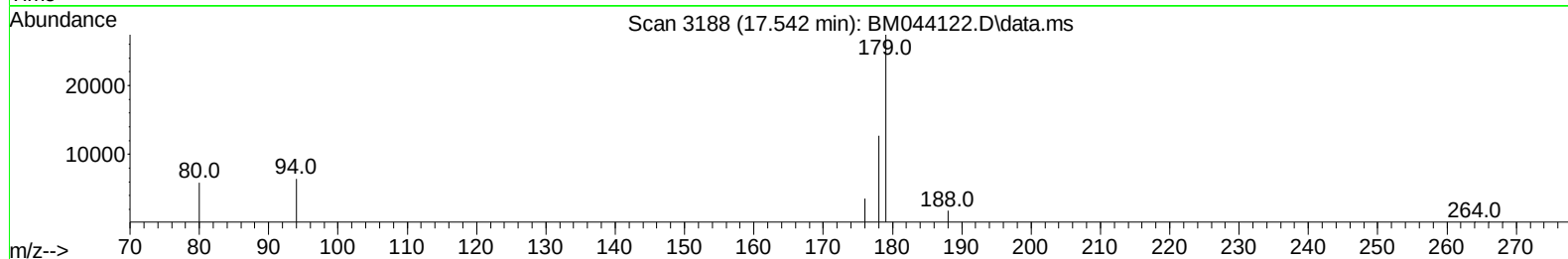
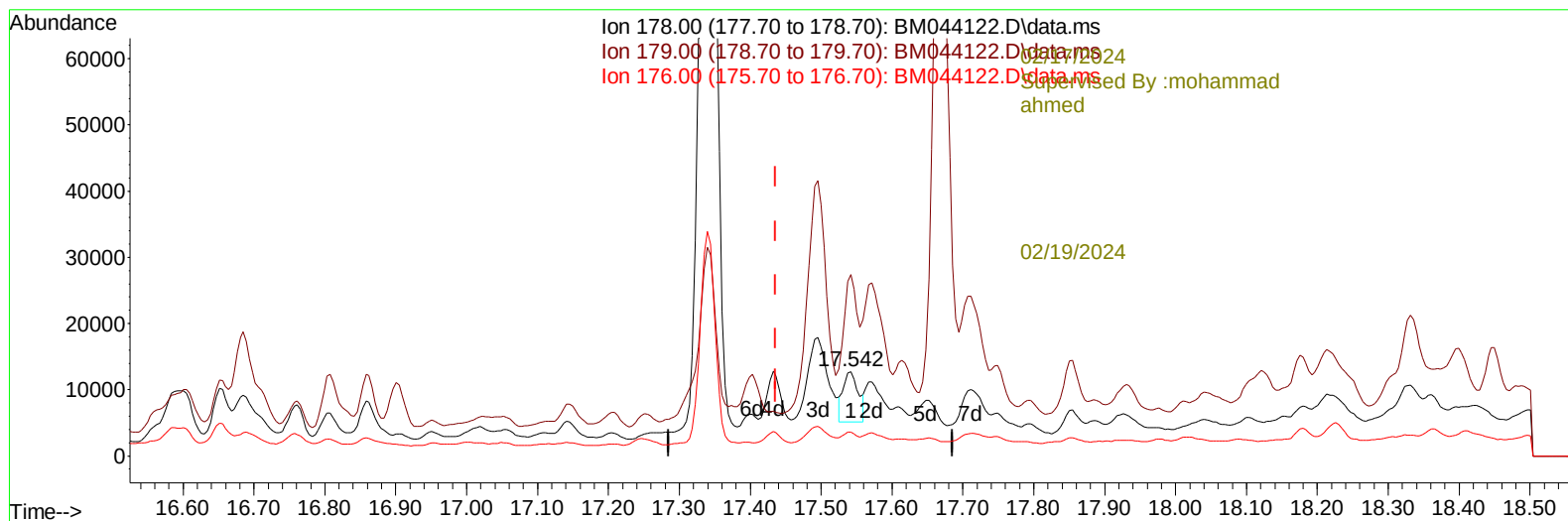
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044122.D\data.ms

(16) Anthracene

17.542min (+ 0.106) 0.12 ng/u1

response 11339

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	215.28#
176.00	19.10	28.18#
0.00	0.00	0.00

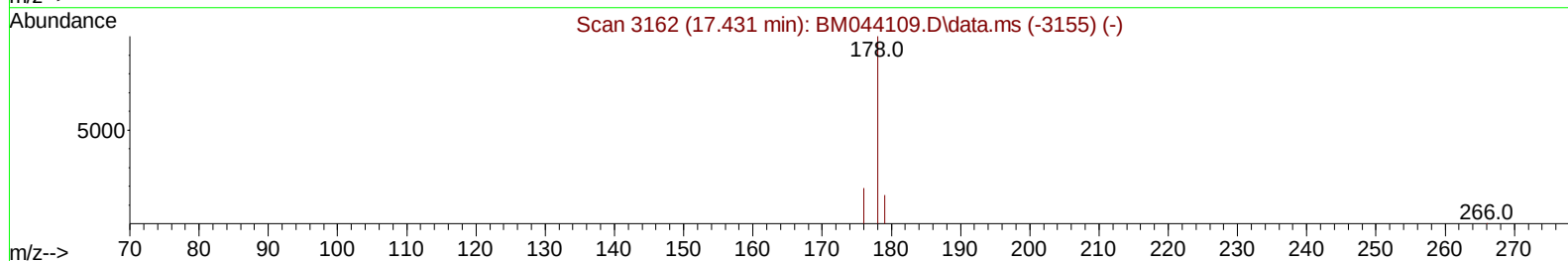
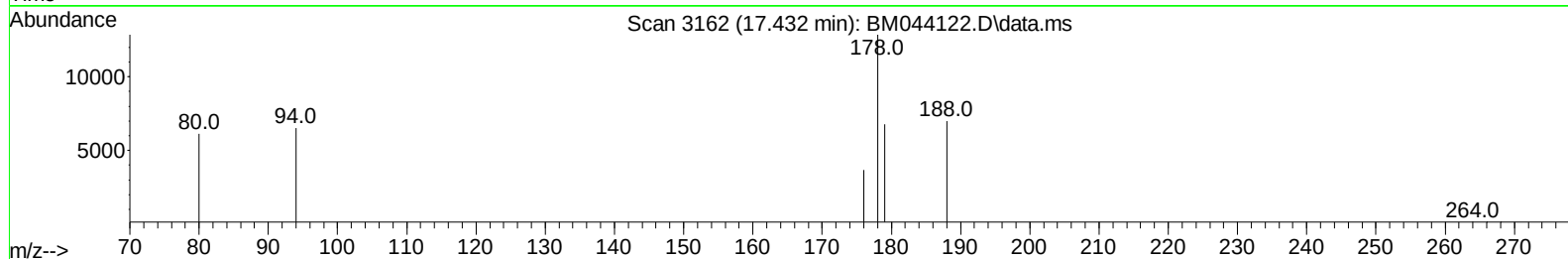
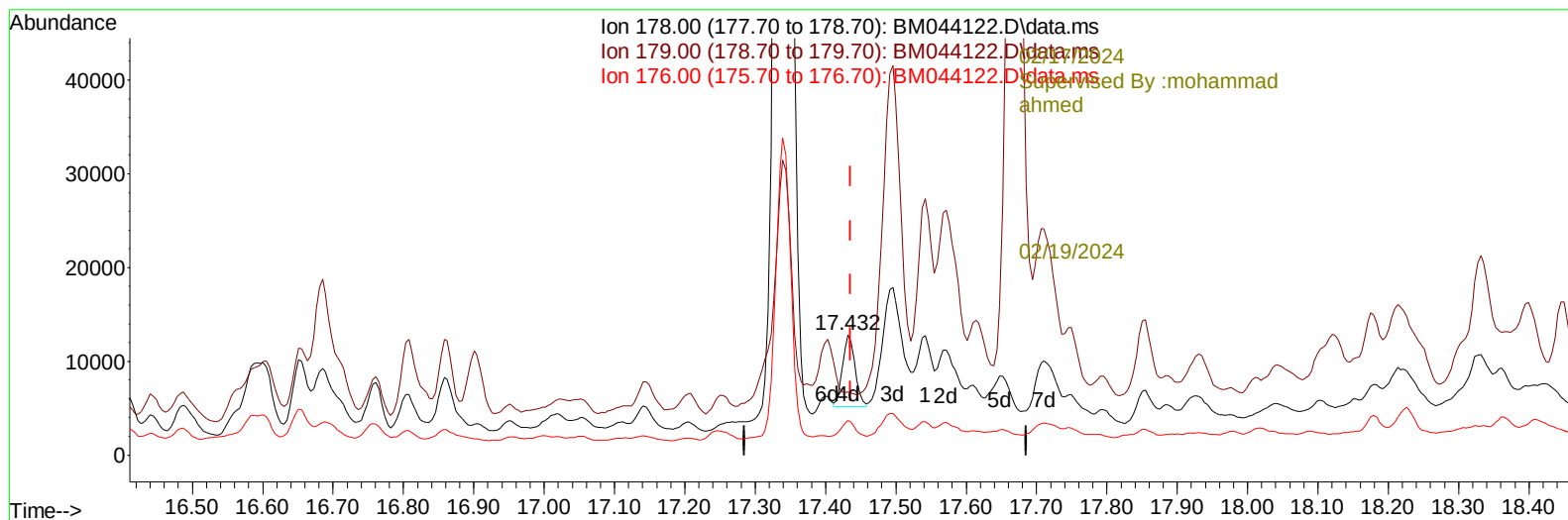
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
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QLast Update : Thu Feb 15 13:40:24 2024
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044122.D\data.ms

(16) Anthracene

17.432min (-0.003) 0.10 ng/ul m

response 9385

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.00	52.65#
176.00	19.10	28.61#
0.00	0.00	0.00

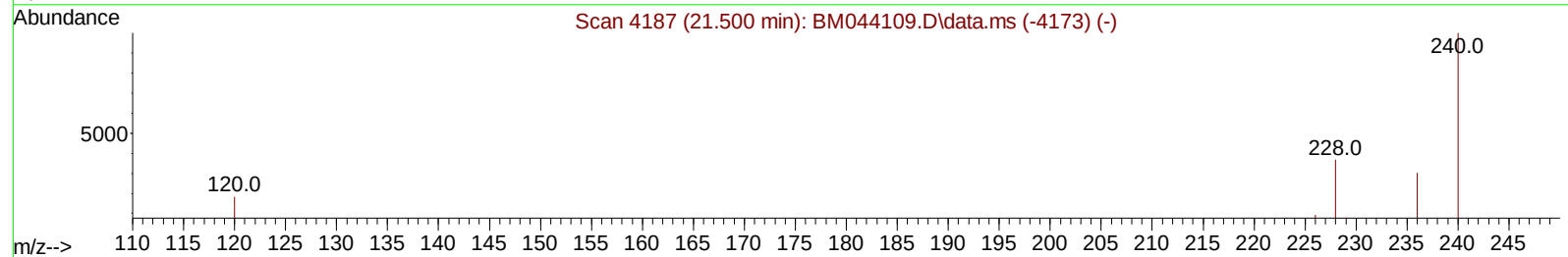
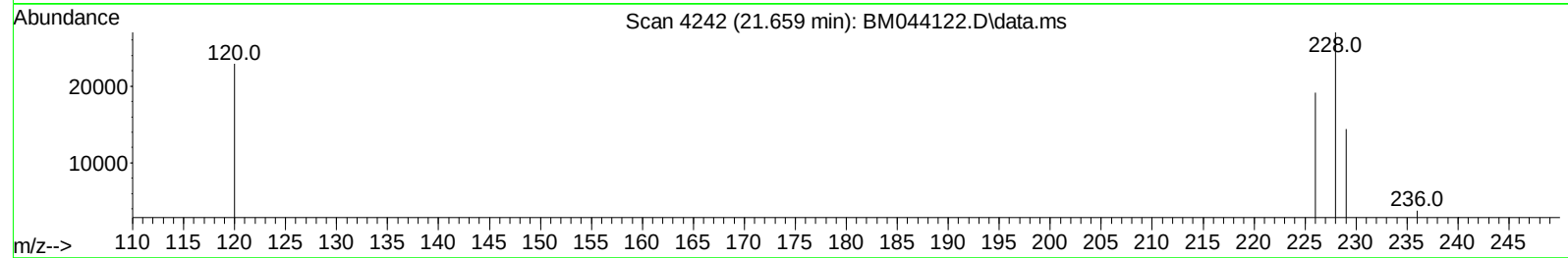
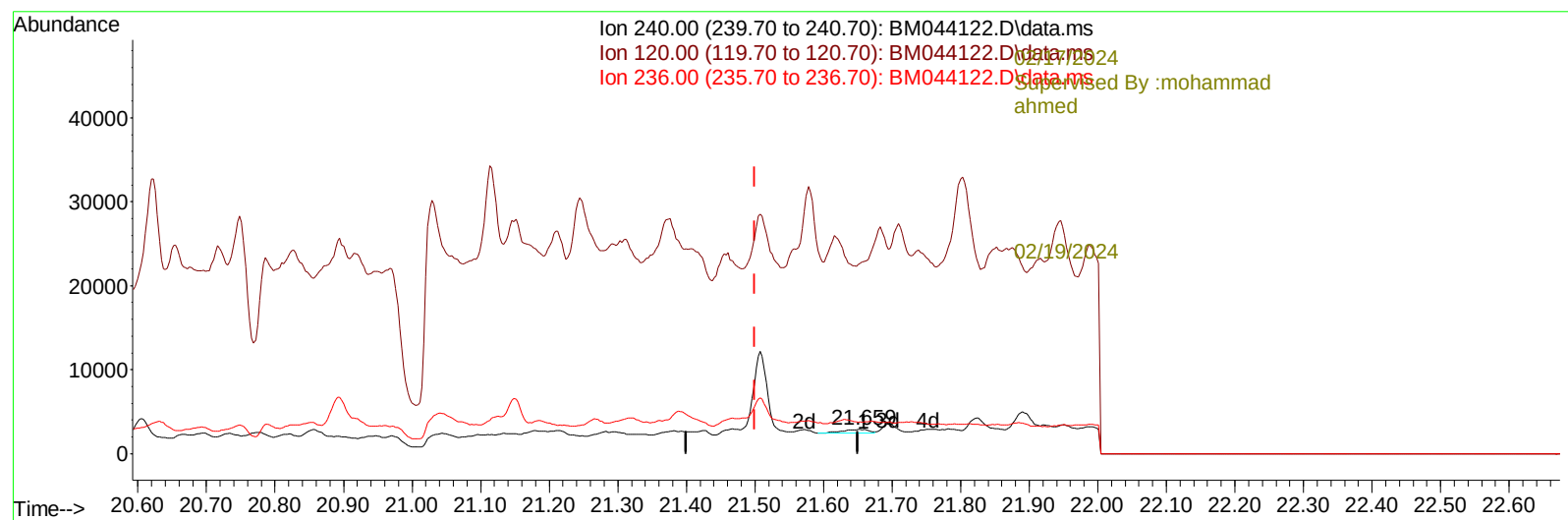
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
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TIC: BM044122.D\data.ms

(17) Chrysene-d12

21.659min (+ 0.160) 0.40 ng/u1

response 1247

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	798.05#
236.00	30.60	132.54#
0.00	0.00	0.00

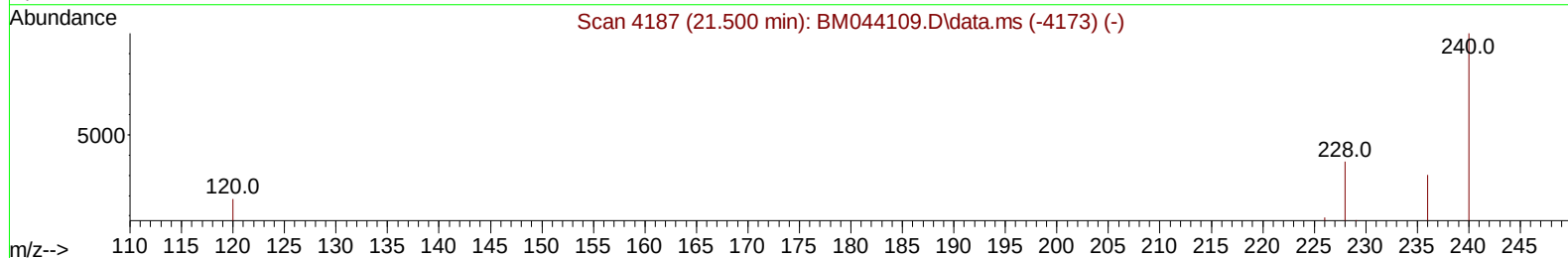
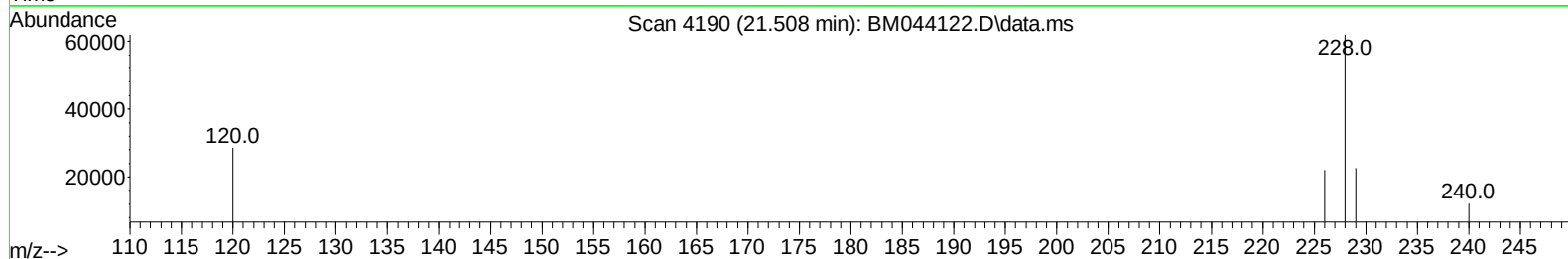
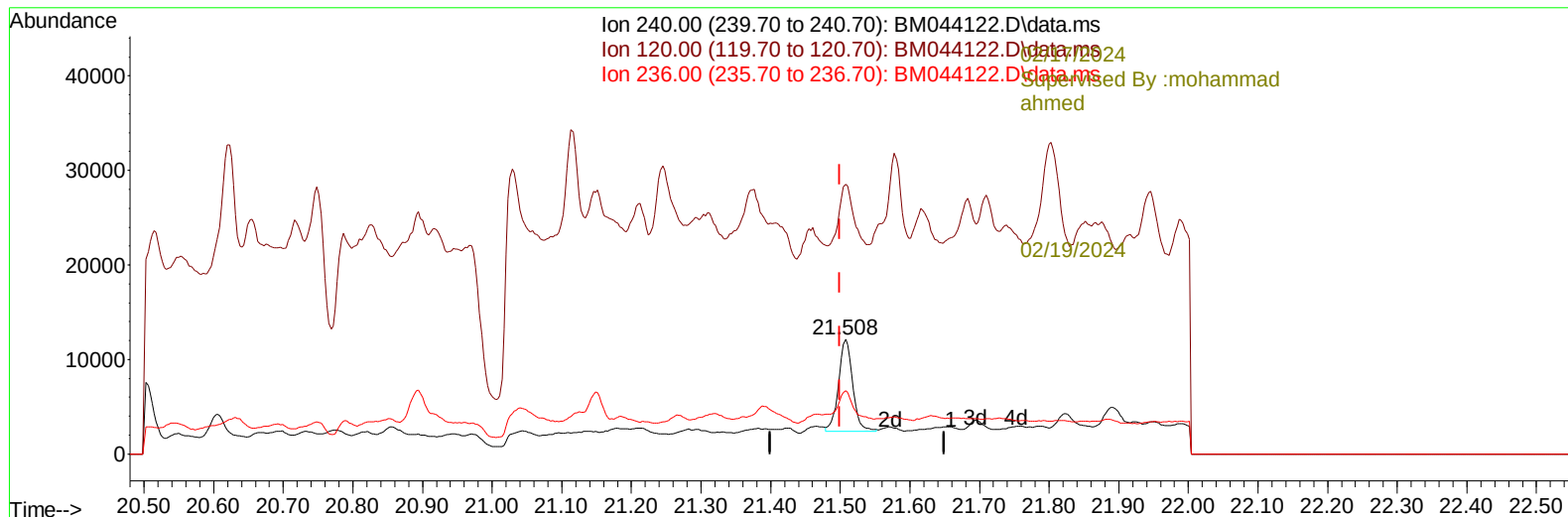
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(17) Chrysene-d12

21.508min (+ 0.008) 0.40 ng/ul m

response 13862

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	234.28#
236.00	30.60	54.83#
0.00	0.00	0.00

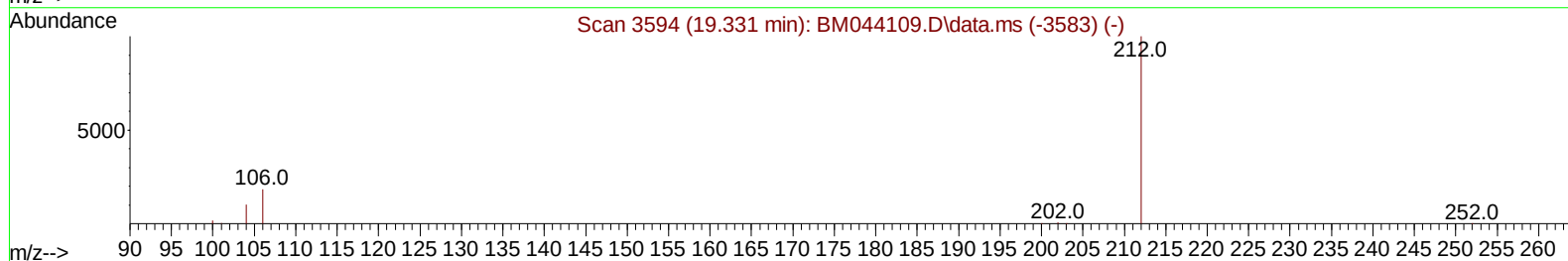
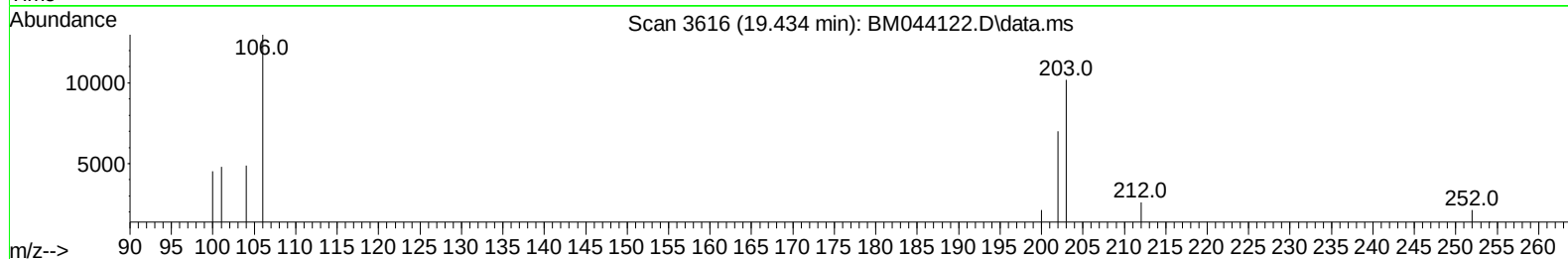
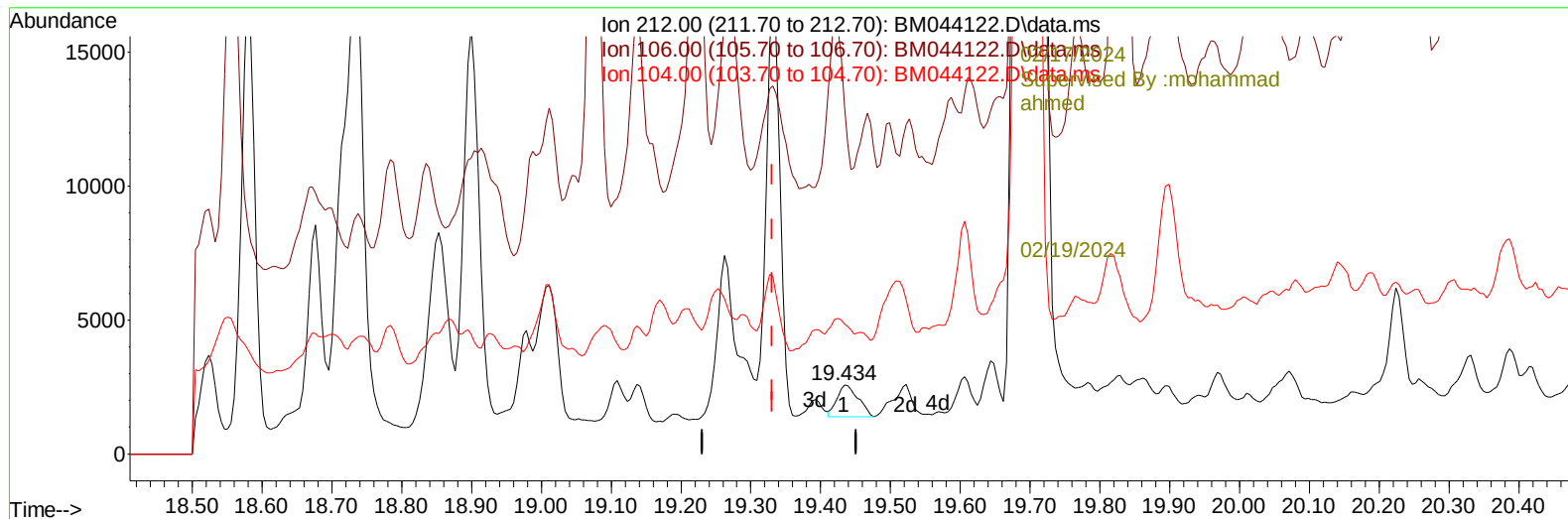
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
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TIC: BM044122.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.434min (+ 0.103) 0.06 ng/u1

response 2474

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	394.58#
104.00	10.10	68.43#
0.00	0.00	0.00

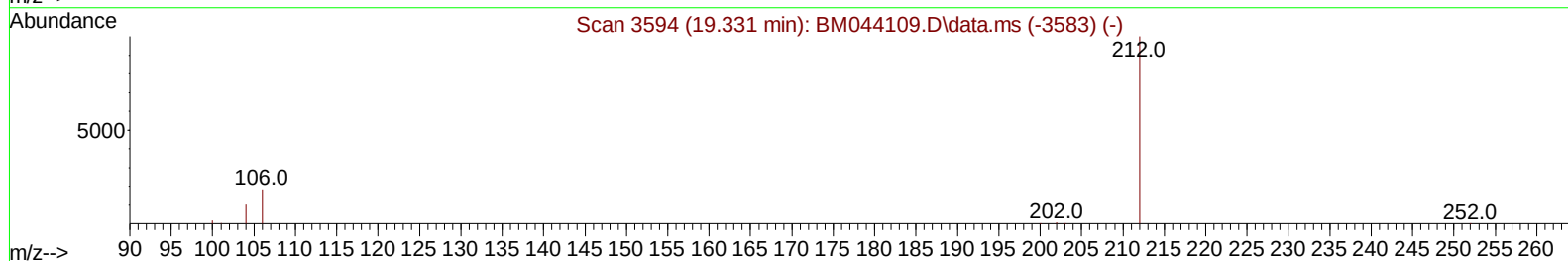
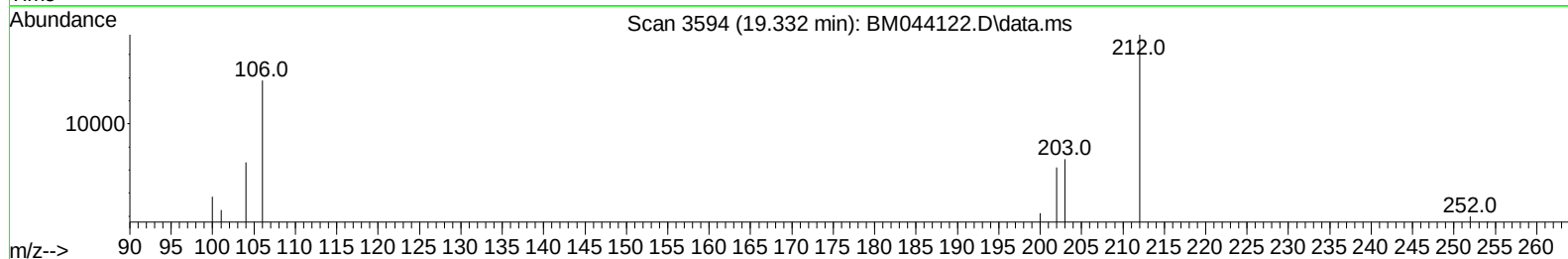
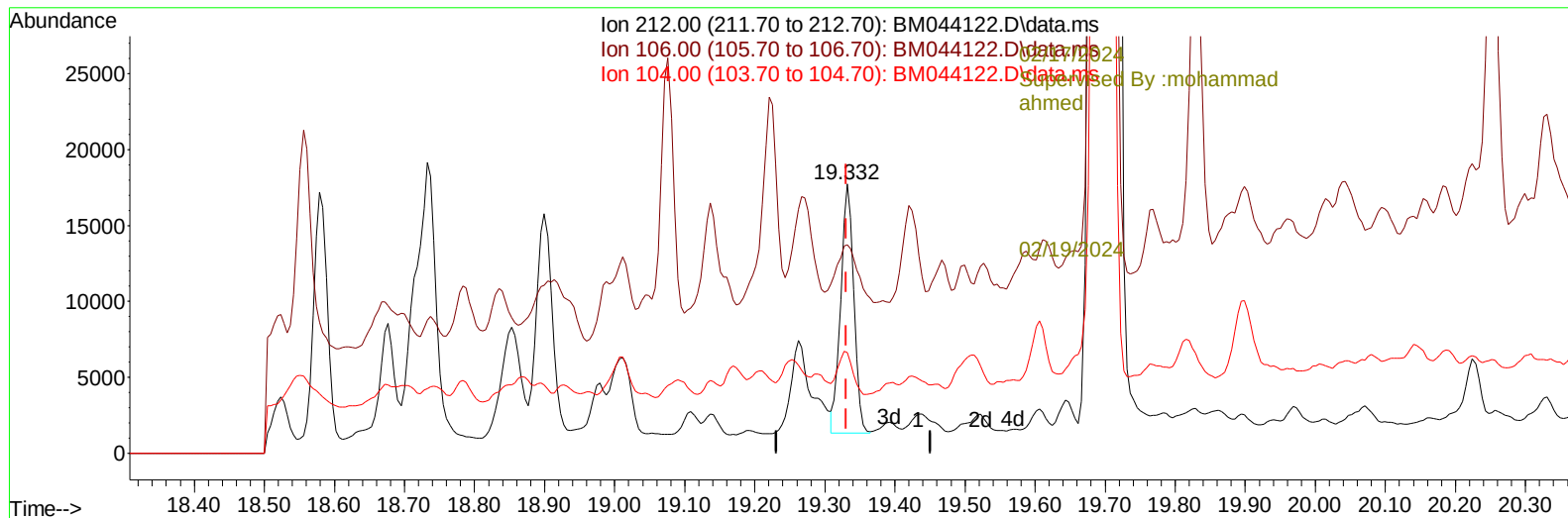
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.332min (+ 0.001) 0.52 ng/ul m

response 21515

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	45.37#
104.00	10.10	7.87#
0.00	0.00	0.00

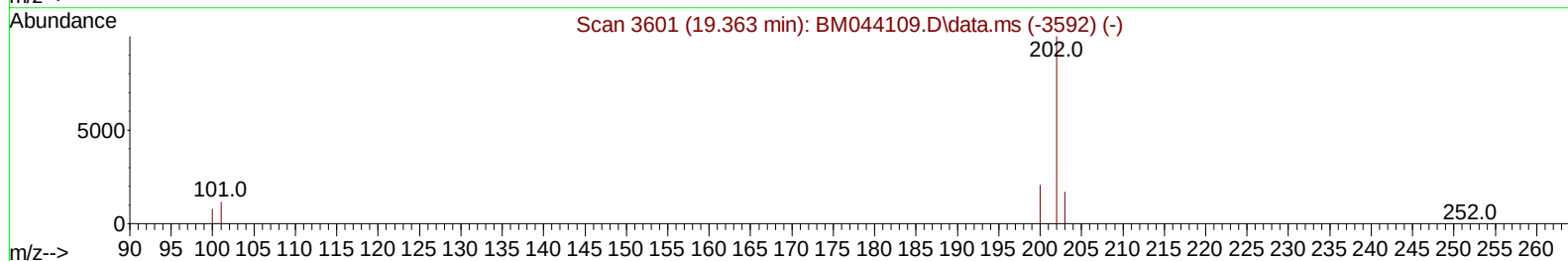
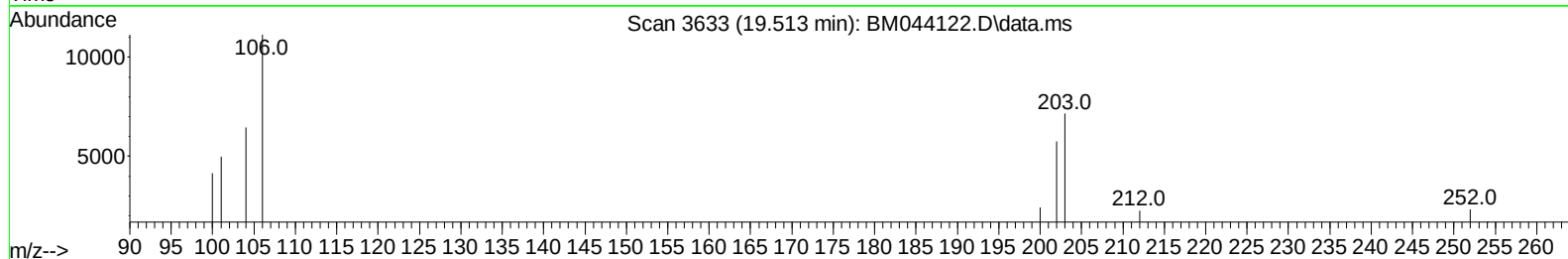
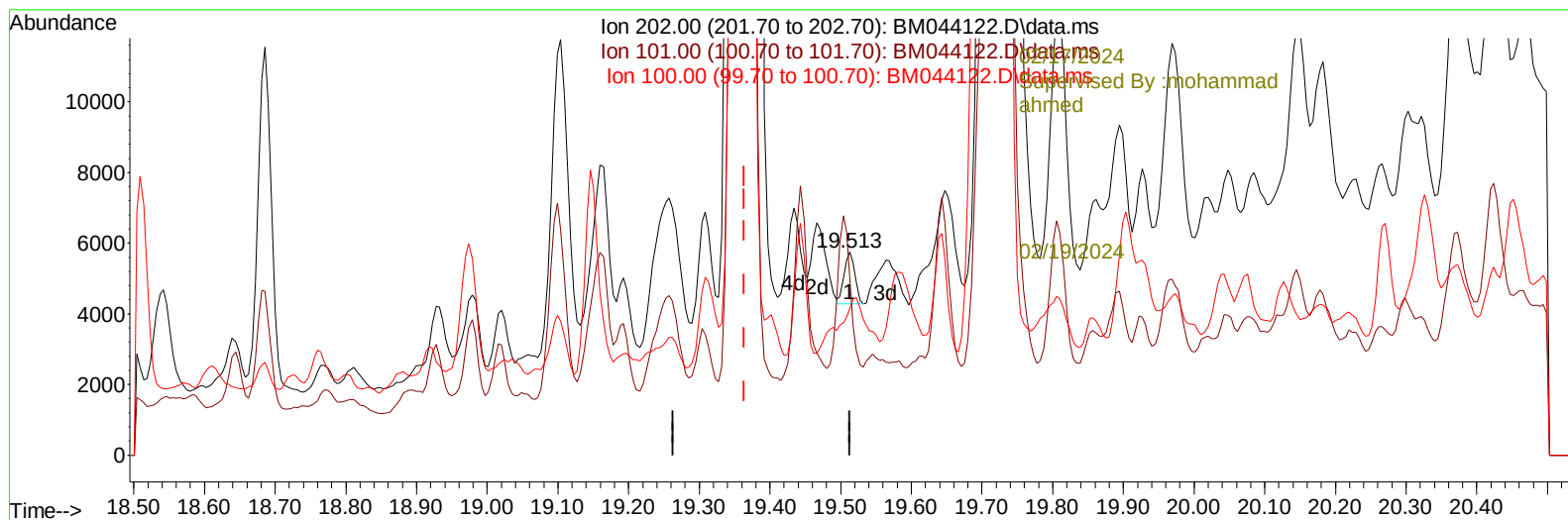
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
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TIC: BM044122.D\data.ms

(19) Fluoranthene (C)

19.513min (+ 0.150) 0.02 ng/u1

response 1551

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	86.64#
100.00	8.70	72.42#
0.00	0.00	0.00

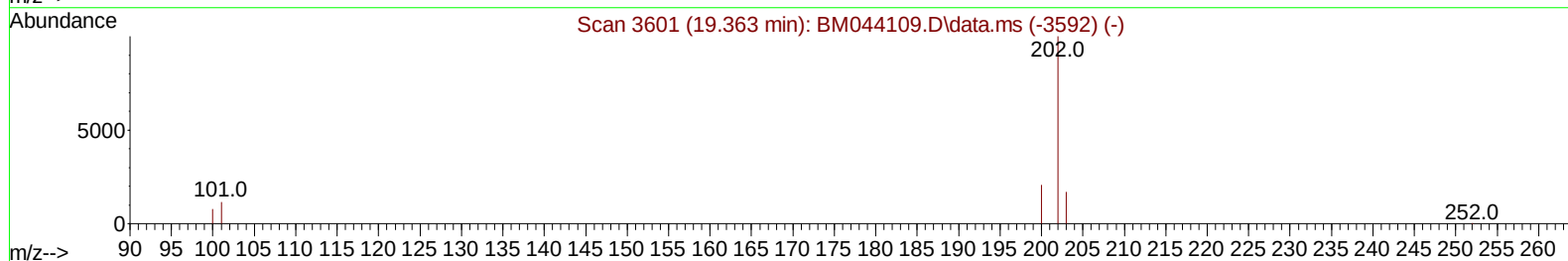
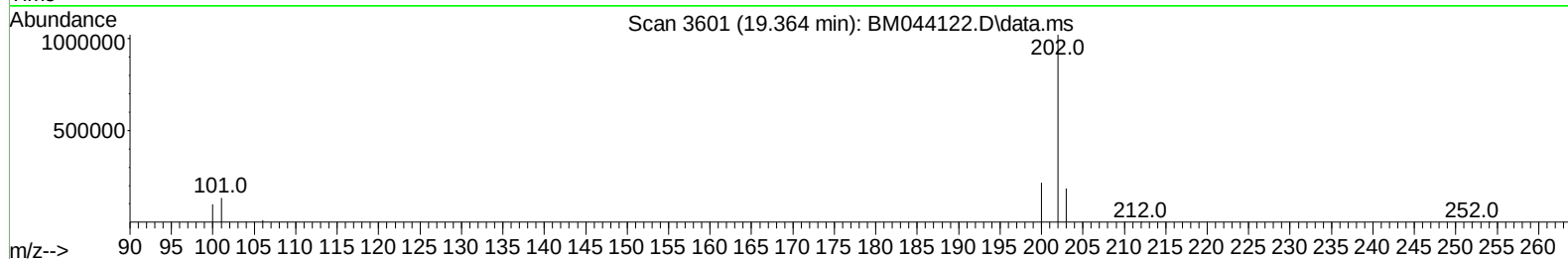
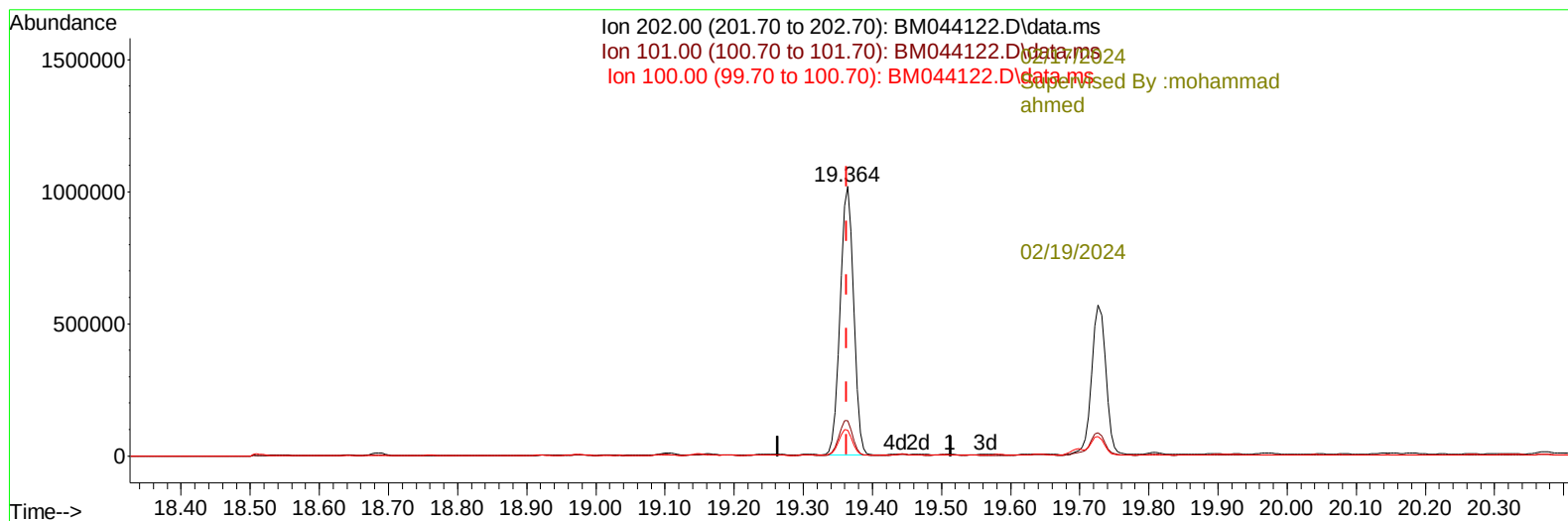
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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TIC: BM044122.D\data.ms

(19) Fluoranthene (C)

19.364min (+ 0.001) 22.03 ng/ul m

response 1391910

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	13.08
100.00	8.70	9.56
0.00	0.00	0.00

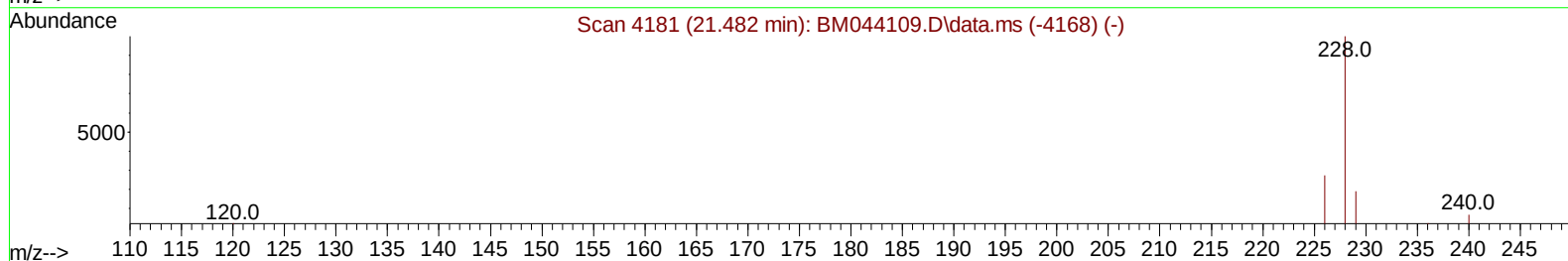
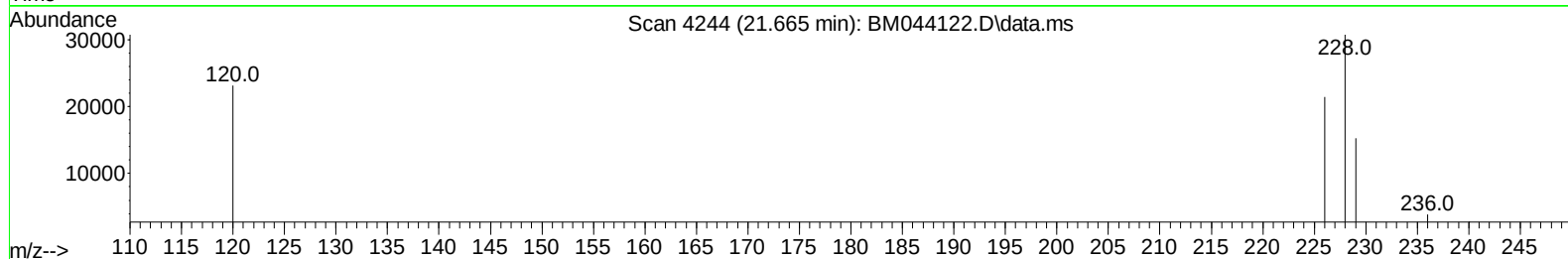
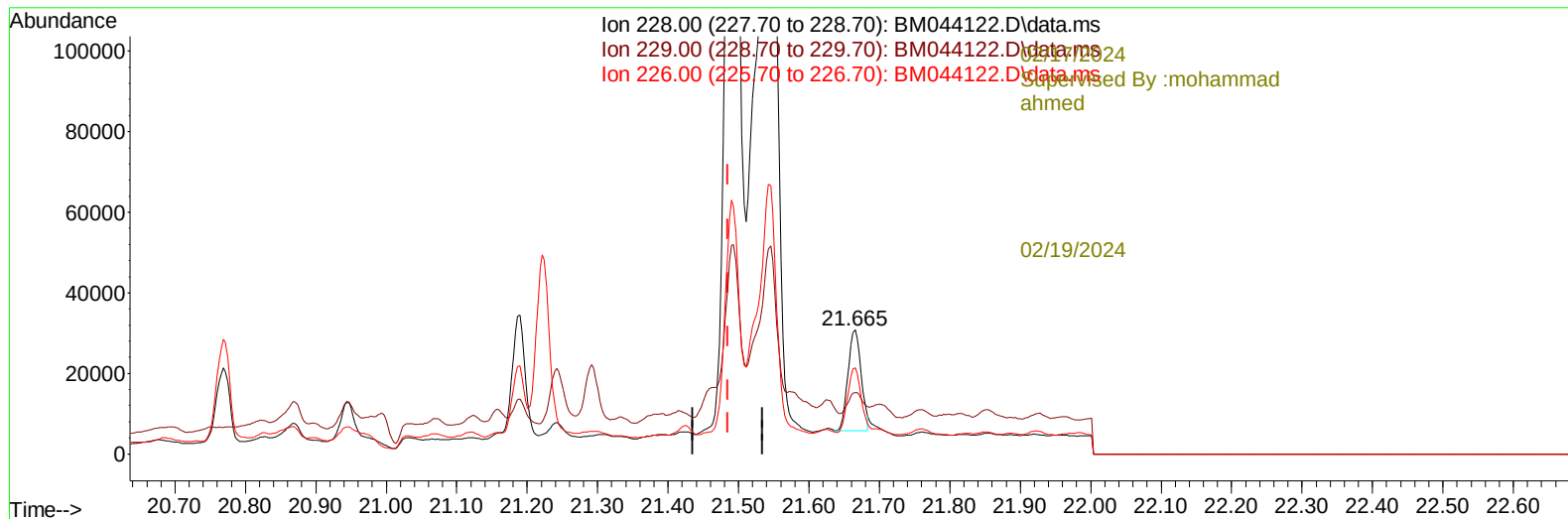
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 2024
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044122.D\data.ms

(21) Benzo(a)anthracene

21.665min (+ 0.180) 0.51 ng/u1

response 32267

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	49.67#
226.00	27.60	69.67#
0.00	0.00	0.00

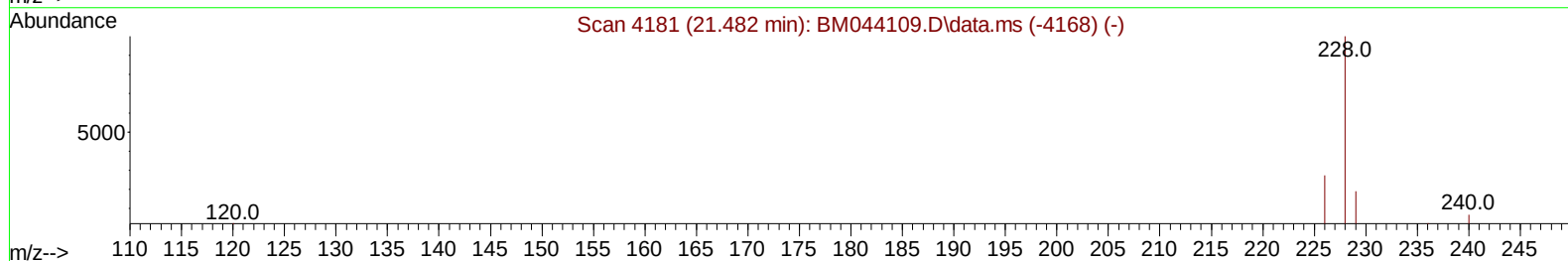
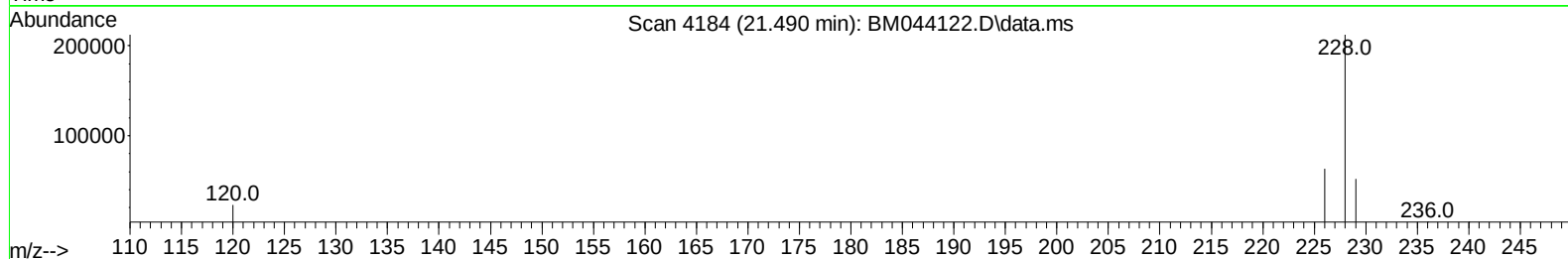
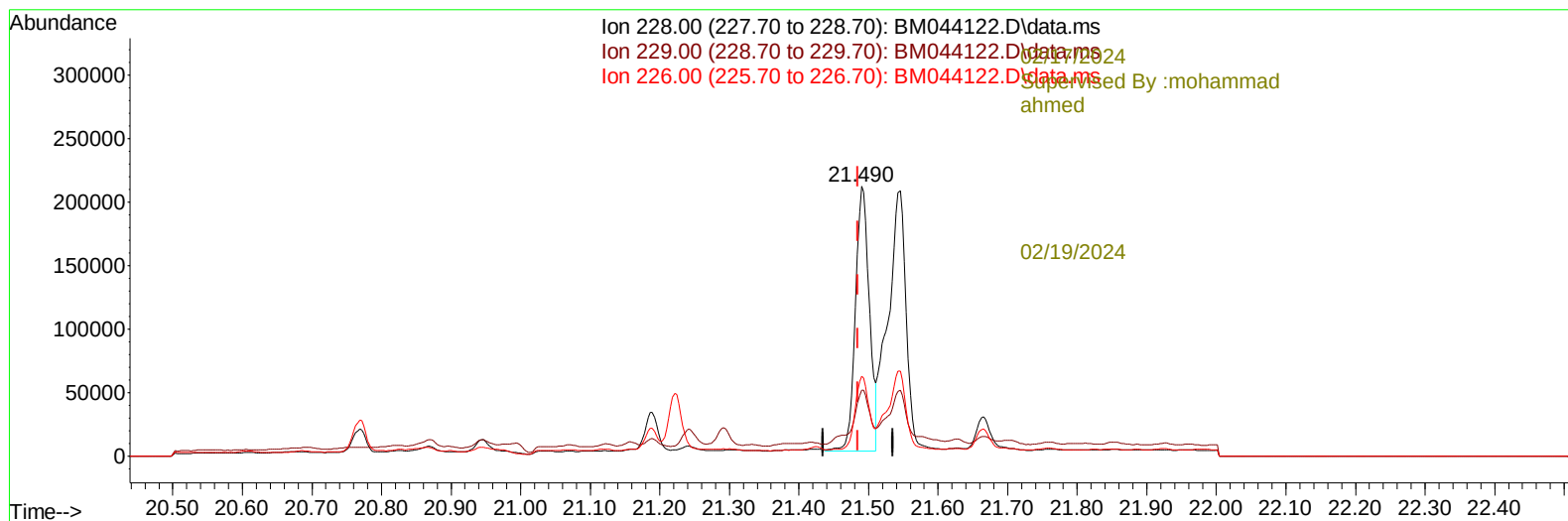
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044122.D\data.ms

(21) Benzo(a)anthracene

21.490min (+ 0.005) 4.60 ng/ul m

response 291850

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	24.42#
226.00	27.60	29.70
0.00	0.00	0.00

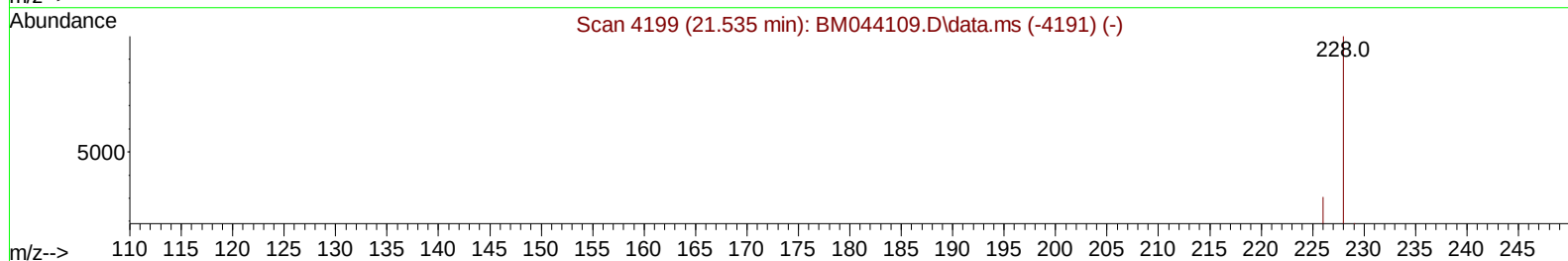
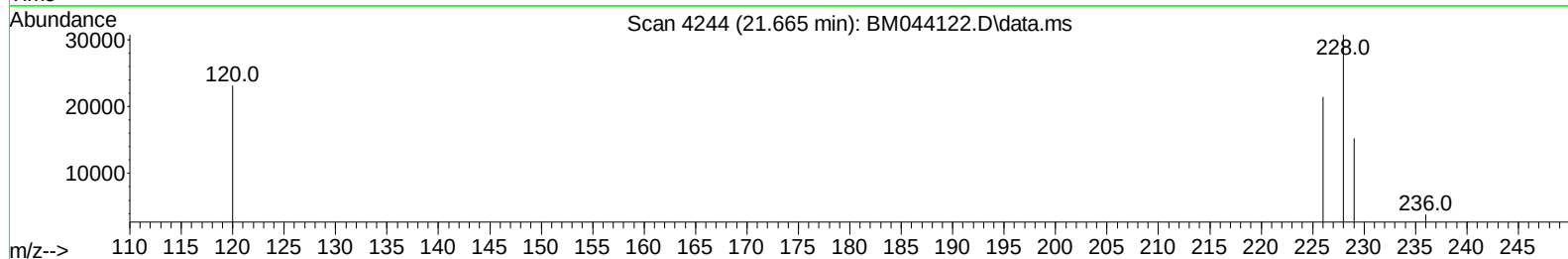
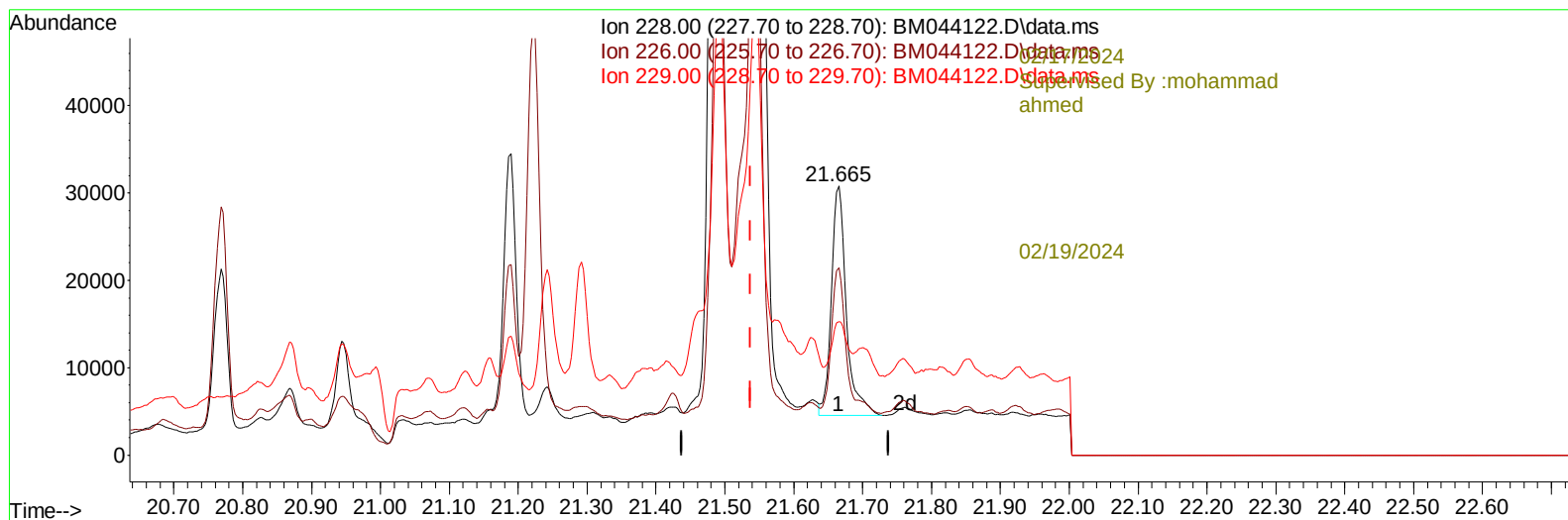
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
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TIC: BM044122.D\data.ms

(22) Chrysene

21.665min (+ 0.128) 0.58 ng/u1

response 39738

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	69.67#
229.00	19.70	49.67#
0.00	0.00	0.00

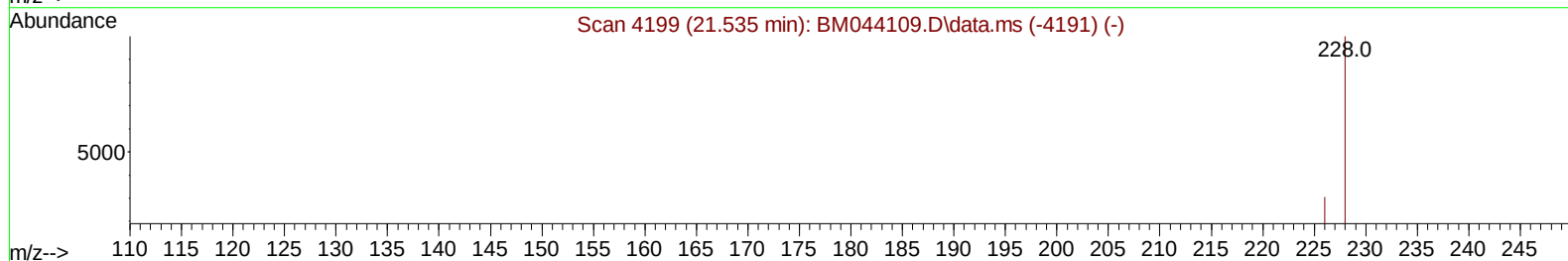
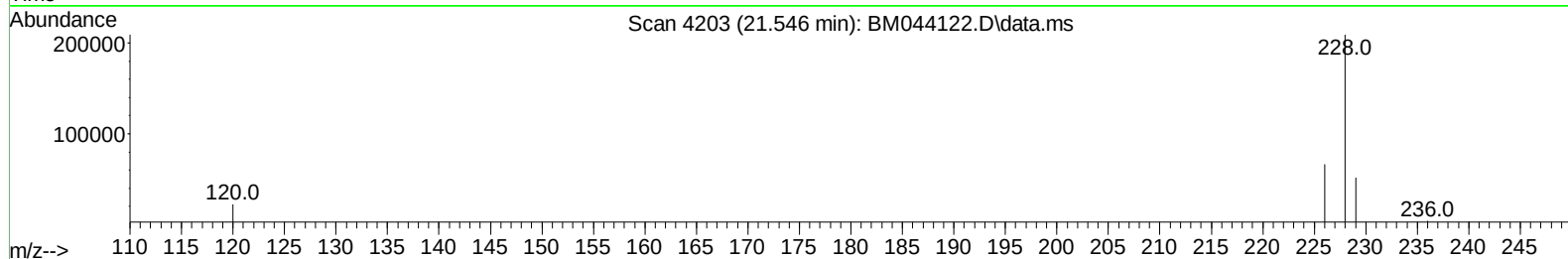
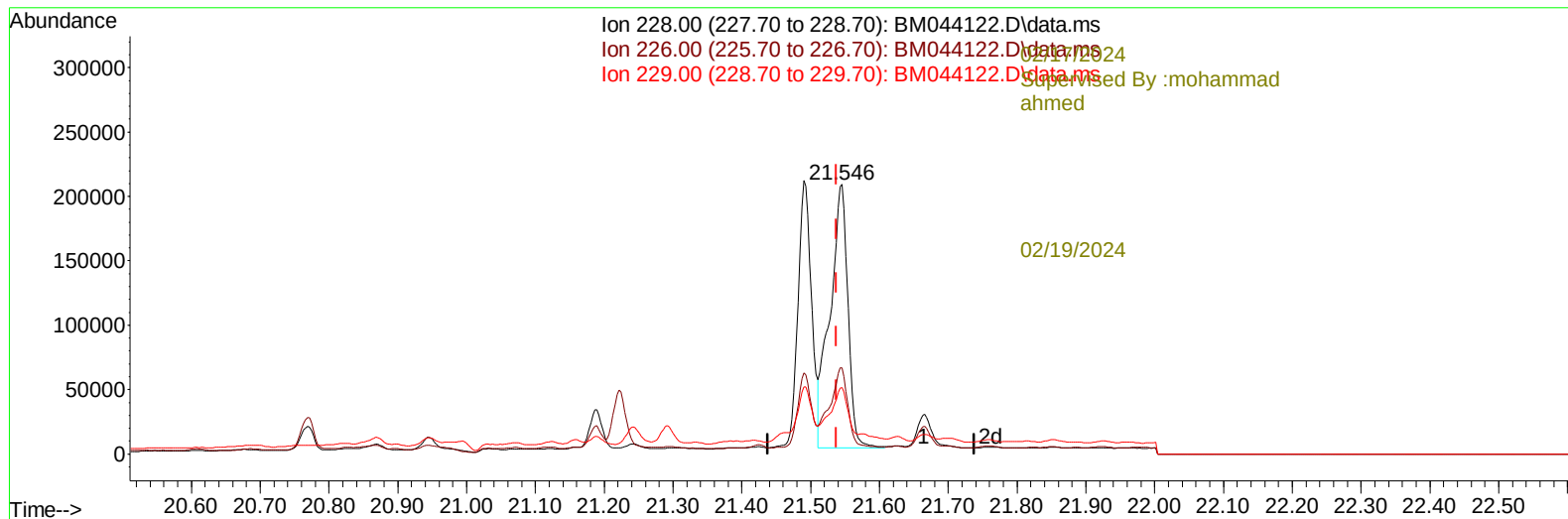
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(22) Chrysene

21.546min (+ 0.008) 5.44 ng/ul m

response 372334

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	31.88
229.00	19.70	24.69#
0.00	0.00	0.00

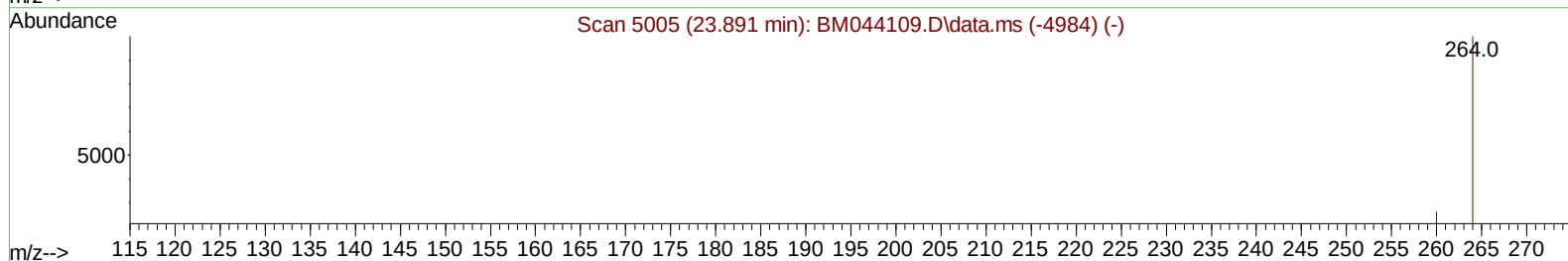
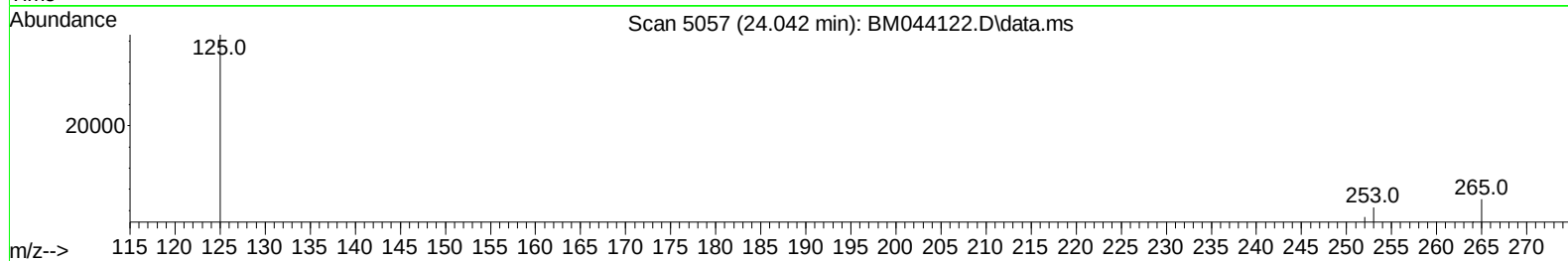
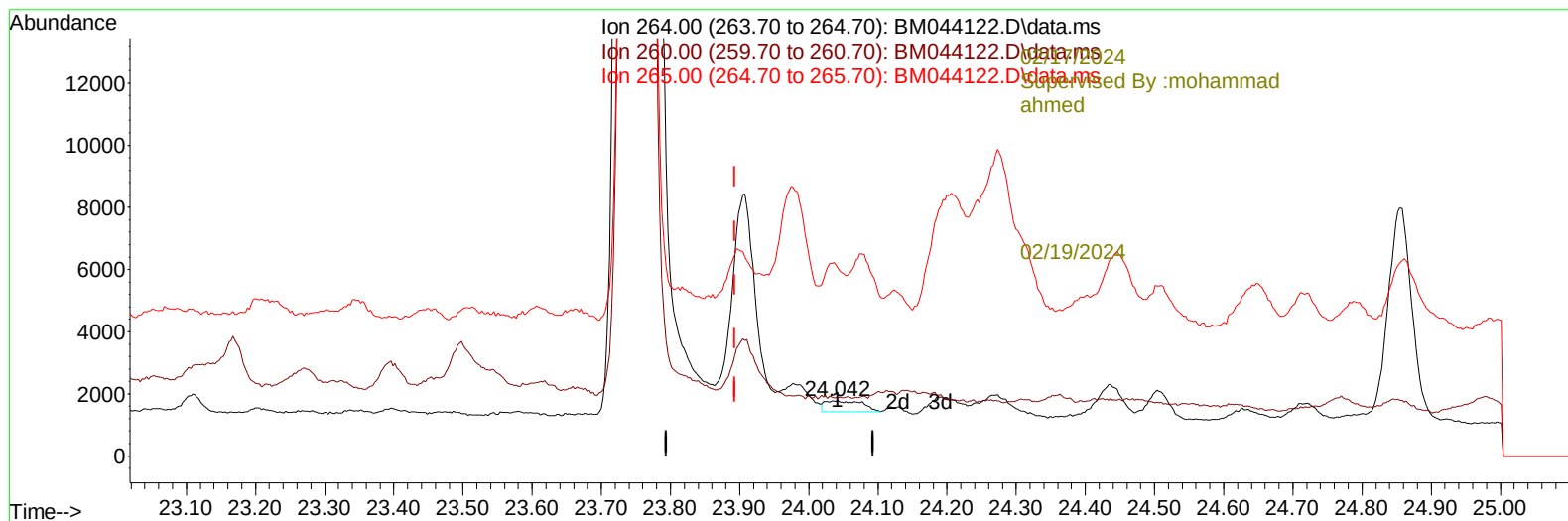
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(23) Perylene-d12 (I)

24.042min (+ 0.148) 0.40 ng/ul

response 1267

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	104.94#
265.00	45.40	340.29#
0.00	0.00	0.00

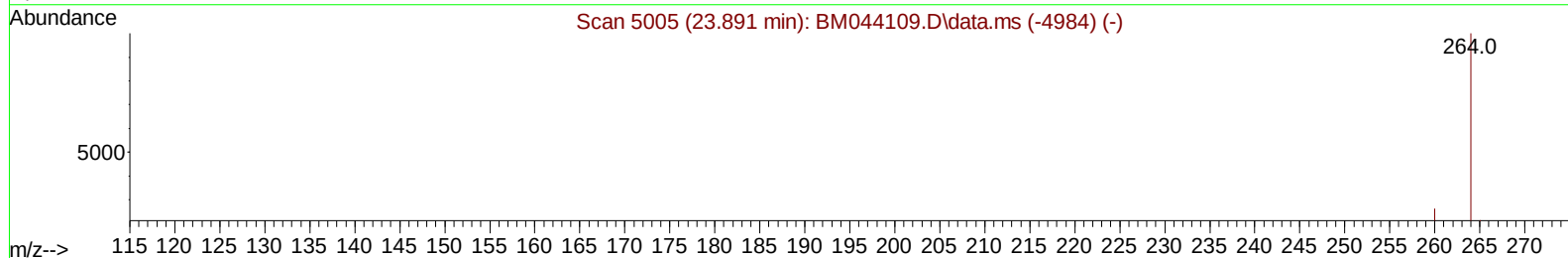
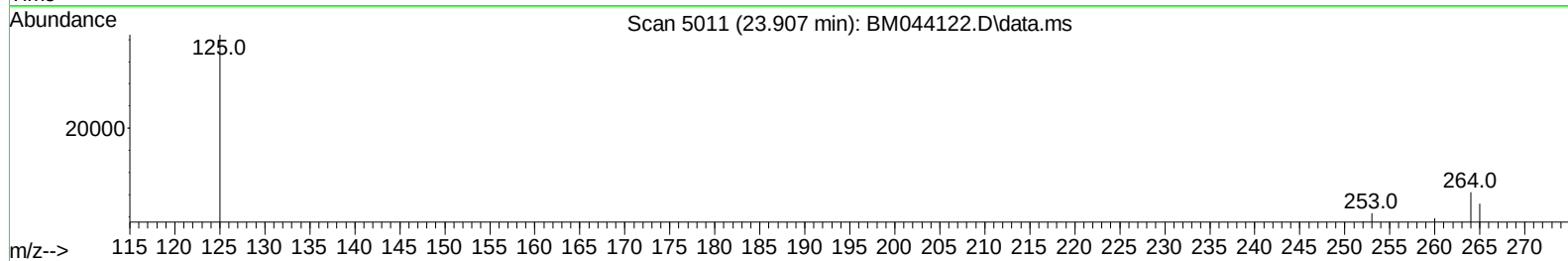
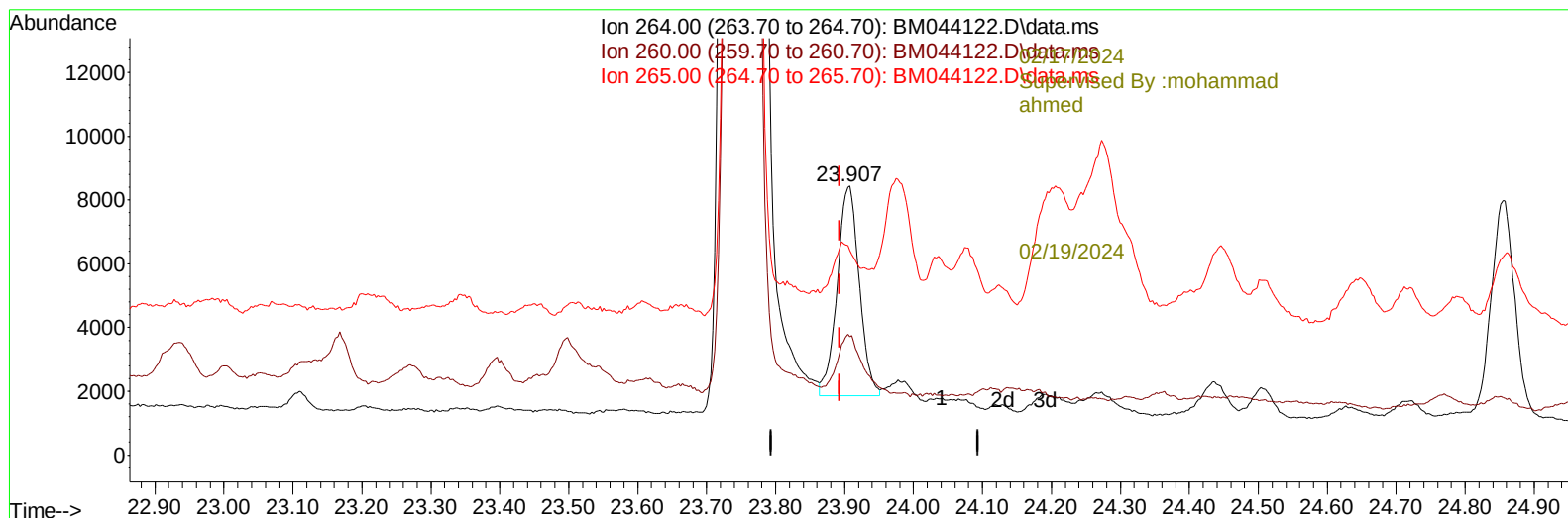
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(23) Perylene-d12 (I)

23.907min (+ 0.014) 0.40 ng/ul m

response 14649

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	43.93#
265.00	45.40	76.09#
0.00	0.00	0.00

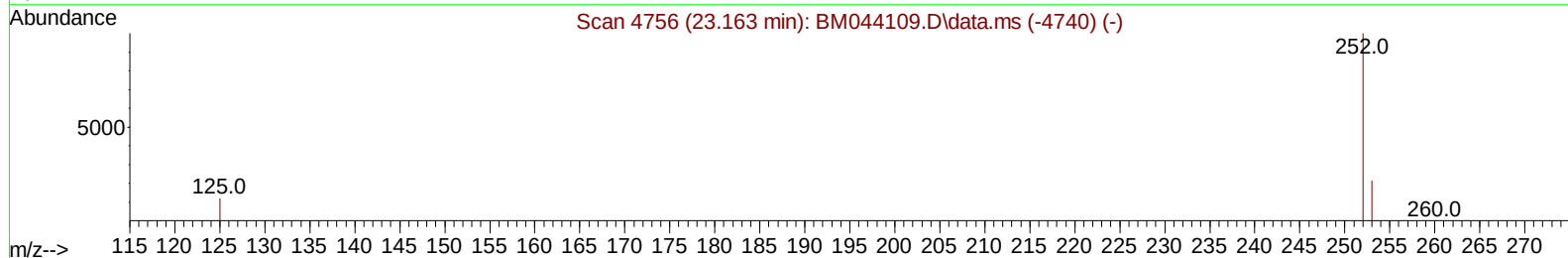
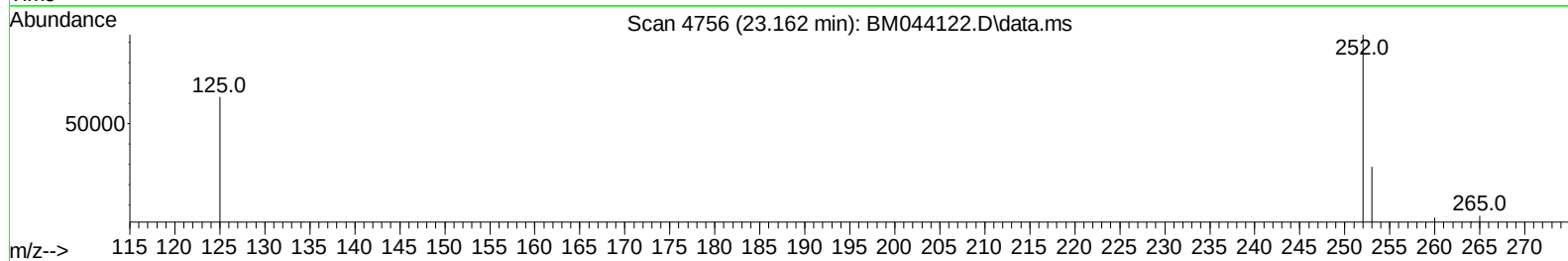
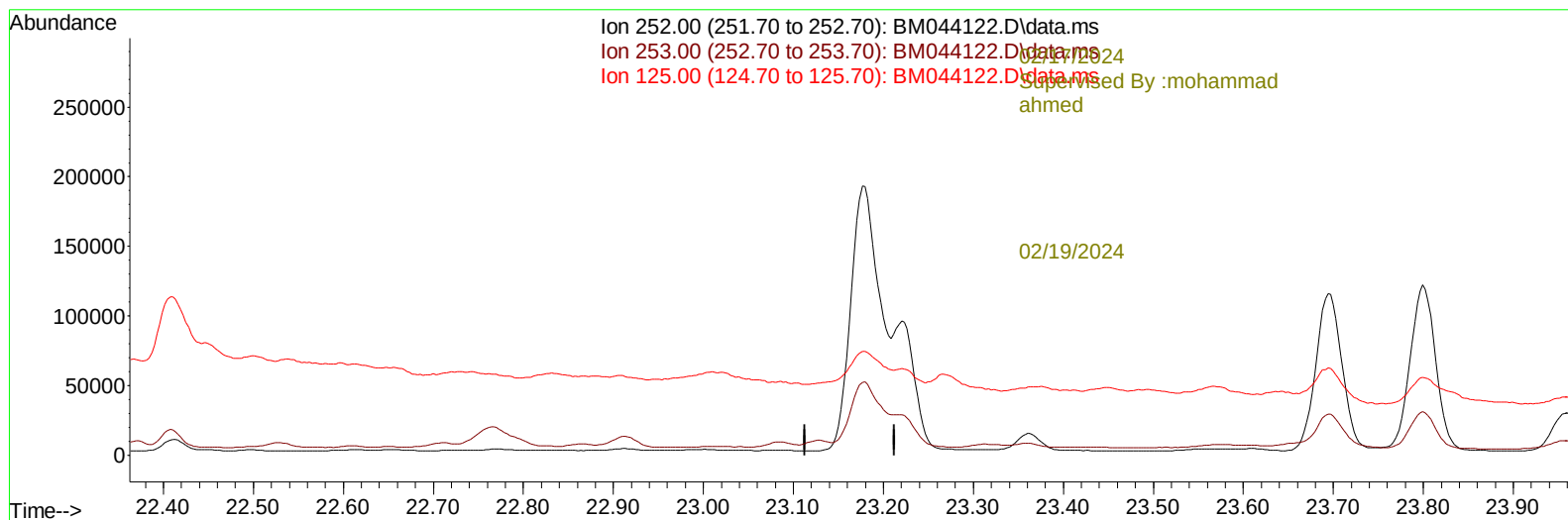
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(24) Benzo(b)fluoranthene

23.163min (-23.163) 0.00 ng/u1

response 0

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

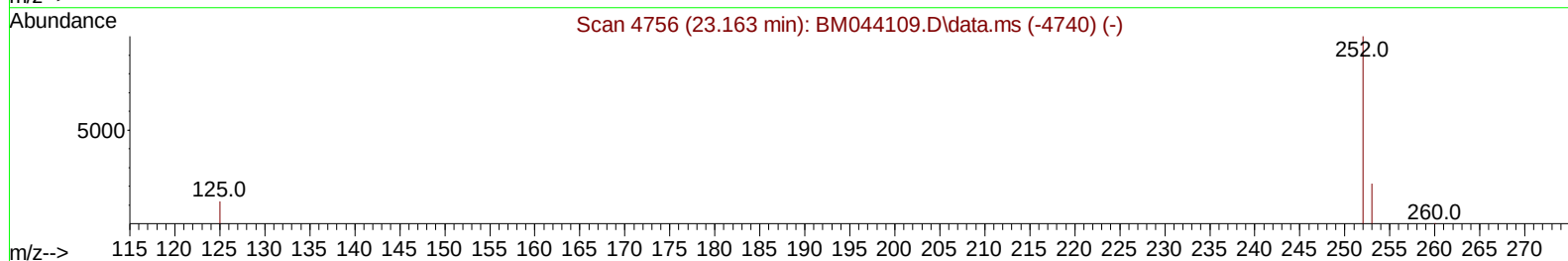
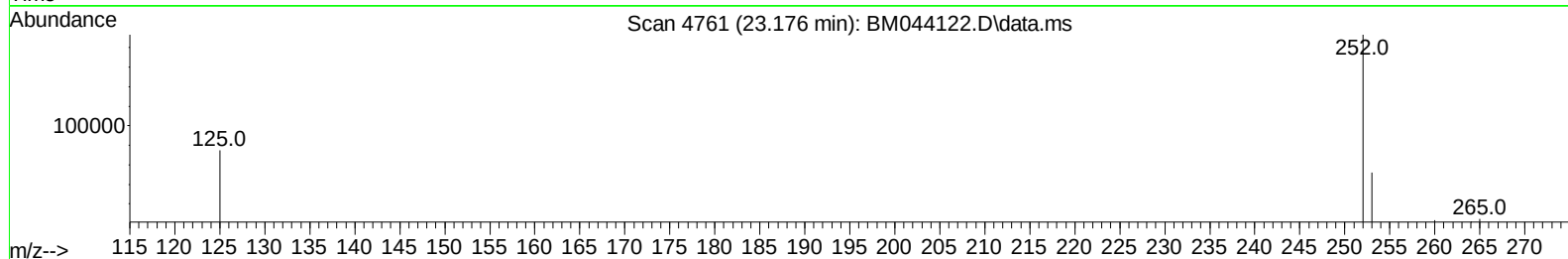
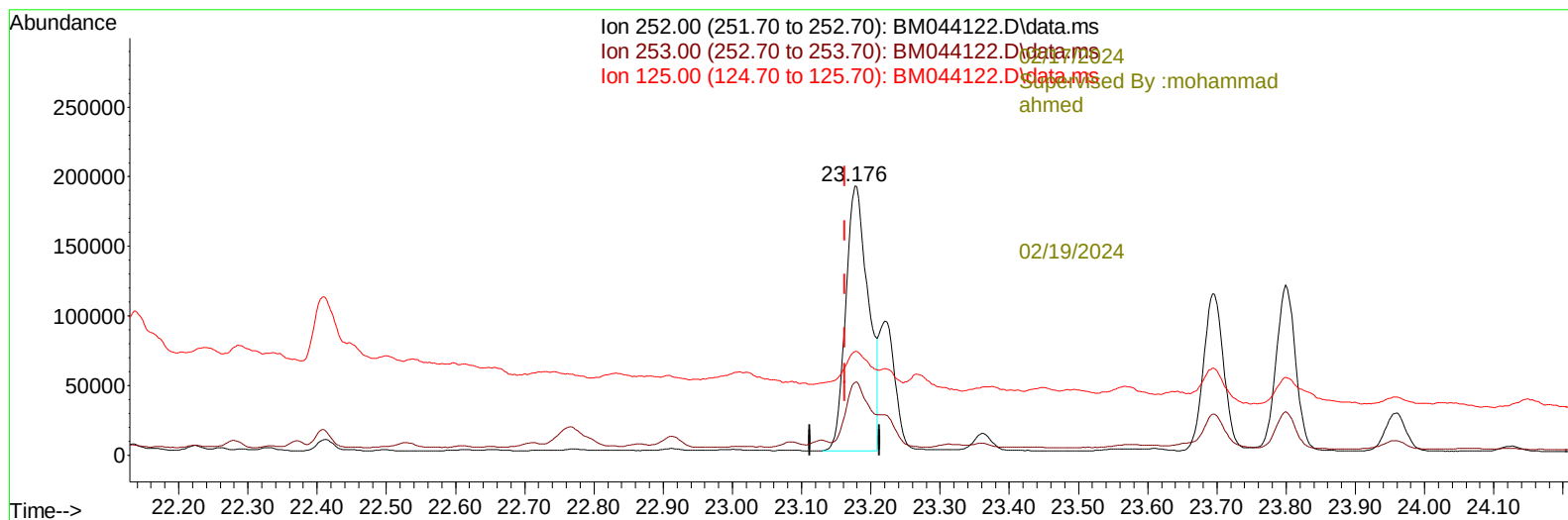
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(24) Benzo(b)fluoranthene

23.176min (+ 0.014) 7.14 ng/ul m

response 431506

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	27.04
125.00	14.10	38.67#
0.00	0.00	0.00

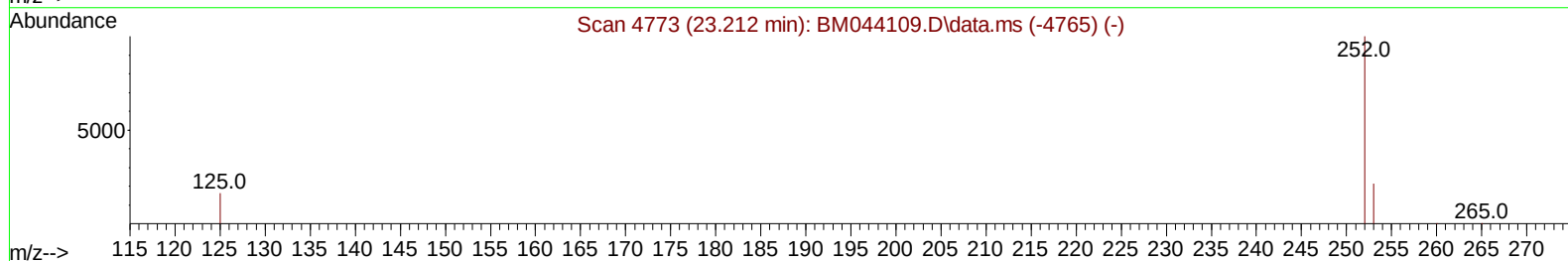
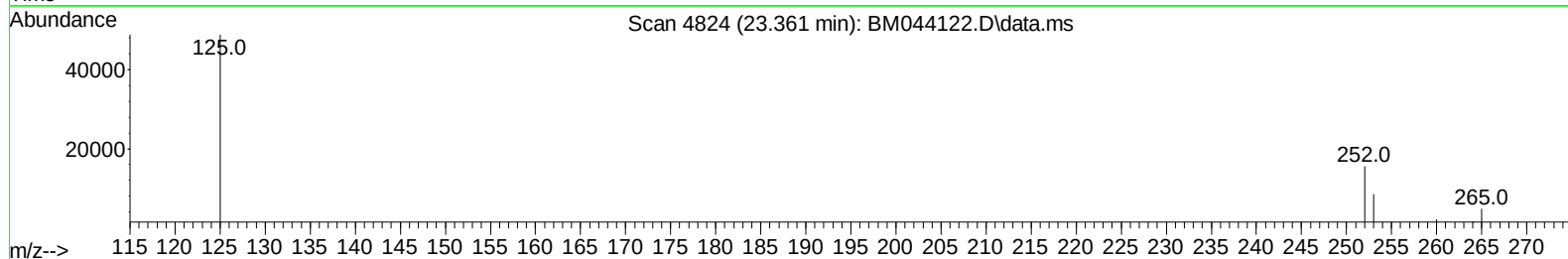
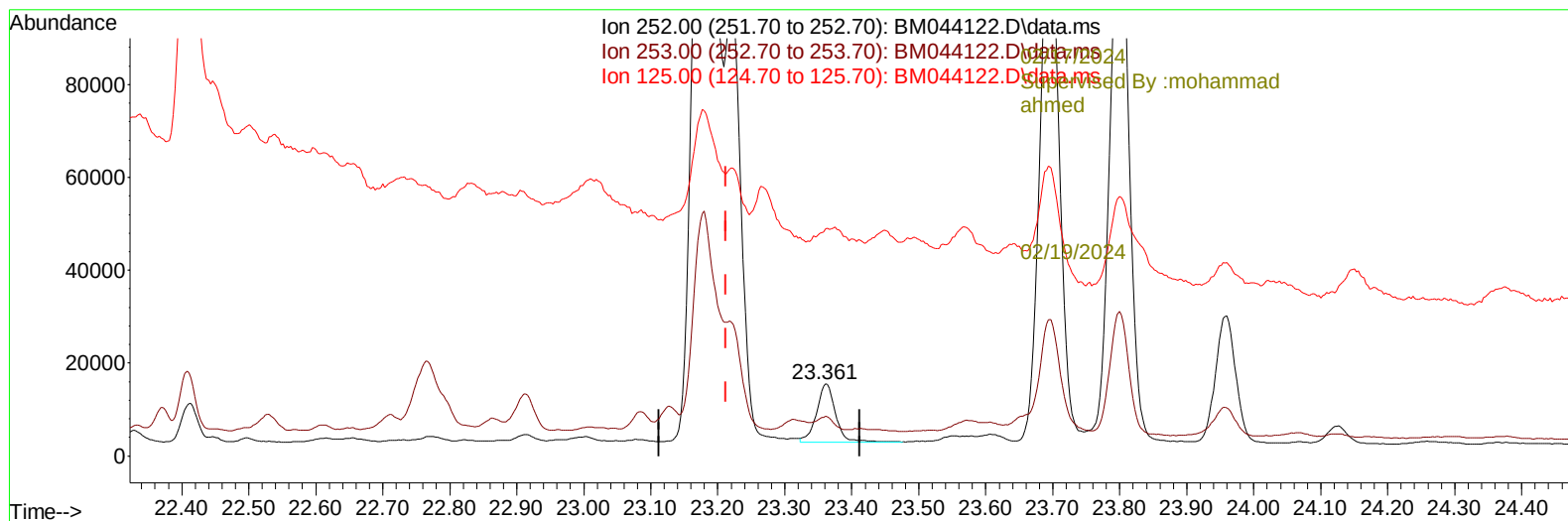
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(25) Benzo(k)fluoranthene

23.361min (+ 0.148) 0.38 ng/u1

response 24788

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	54.72#
125.00	15.40	313.87#
0.00	0.00	0.00

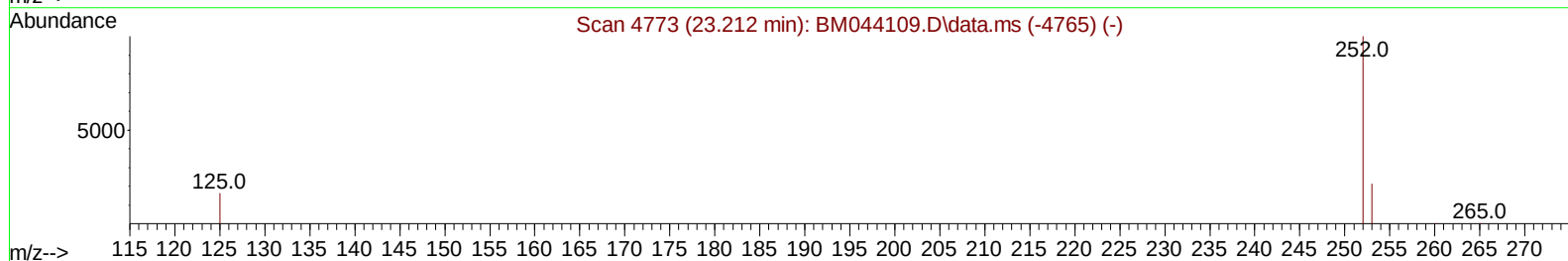
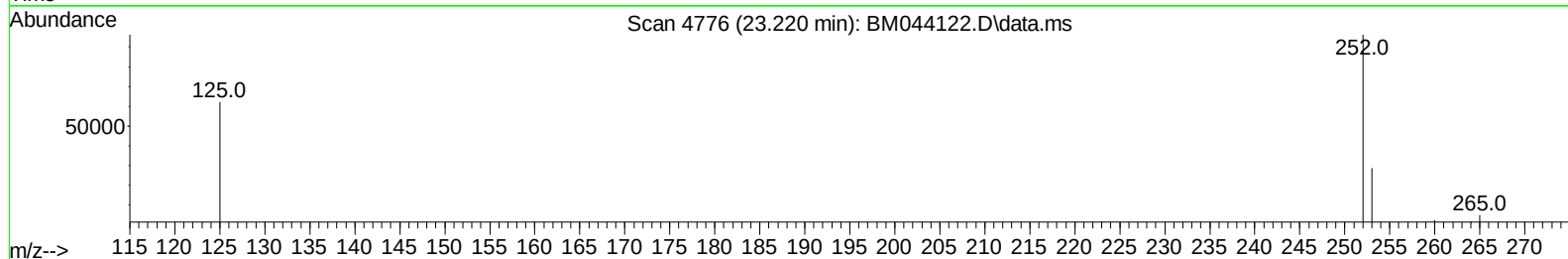
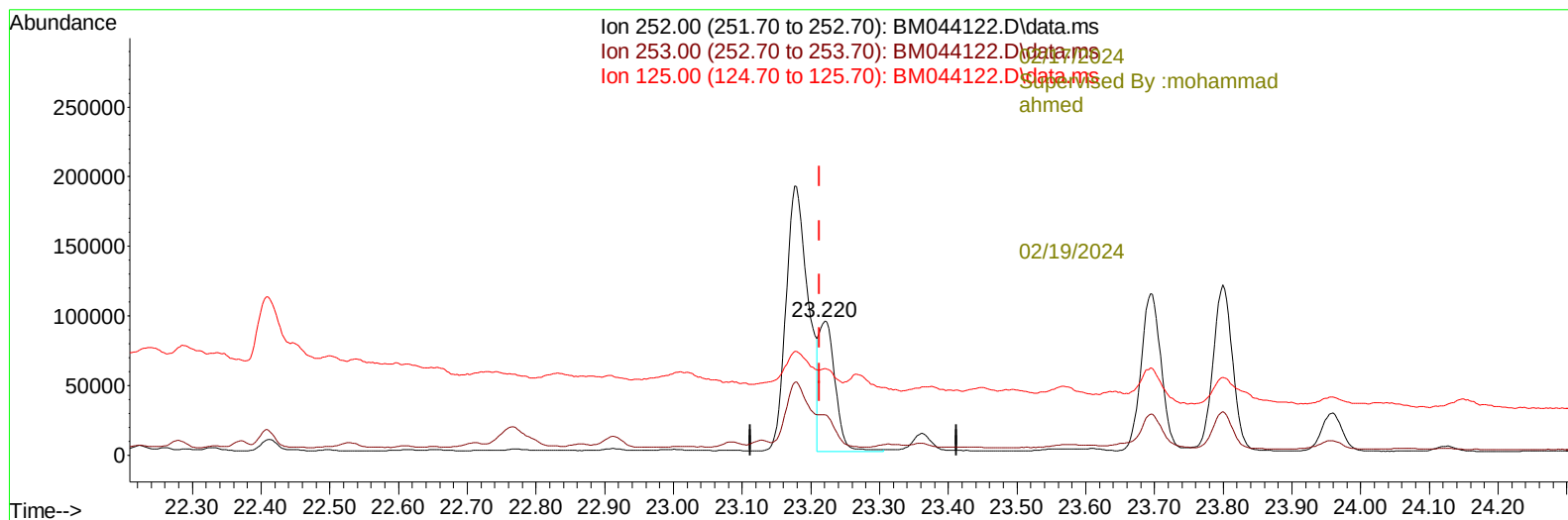
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(25) Benzo(k)fluoranthene

23.220min (+ 0.008) 2.36 ng/ul m

response 154934

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.99
125.00	15.40	64.56#
0.00	0.00	0.00

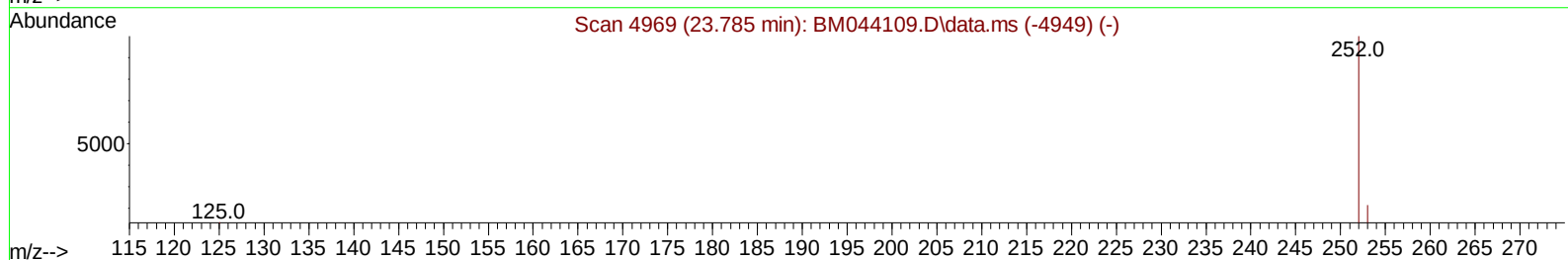
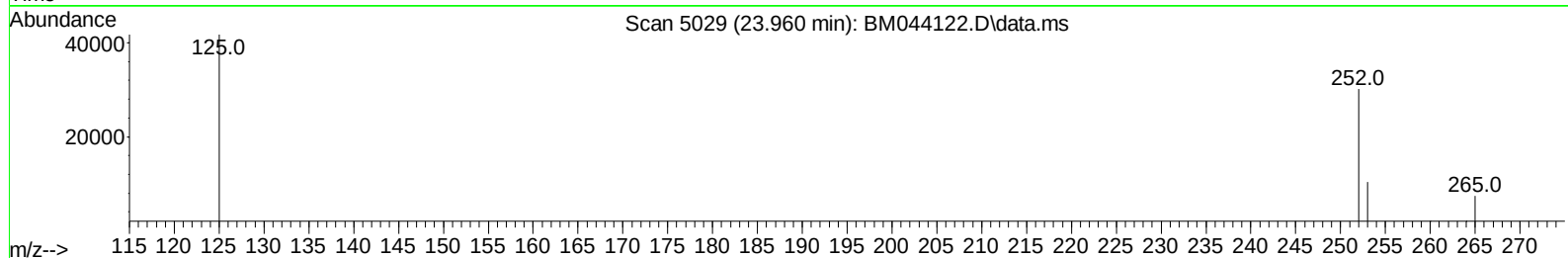
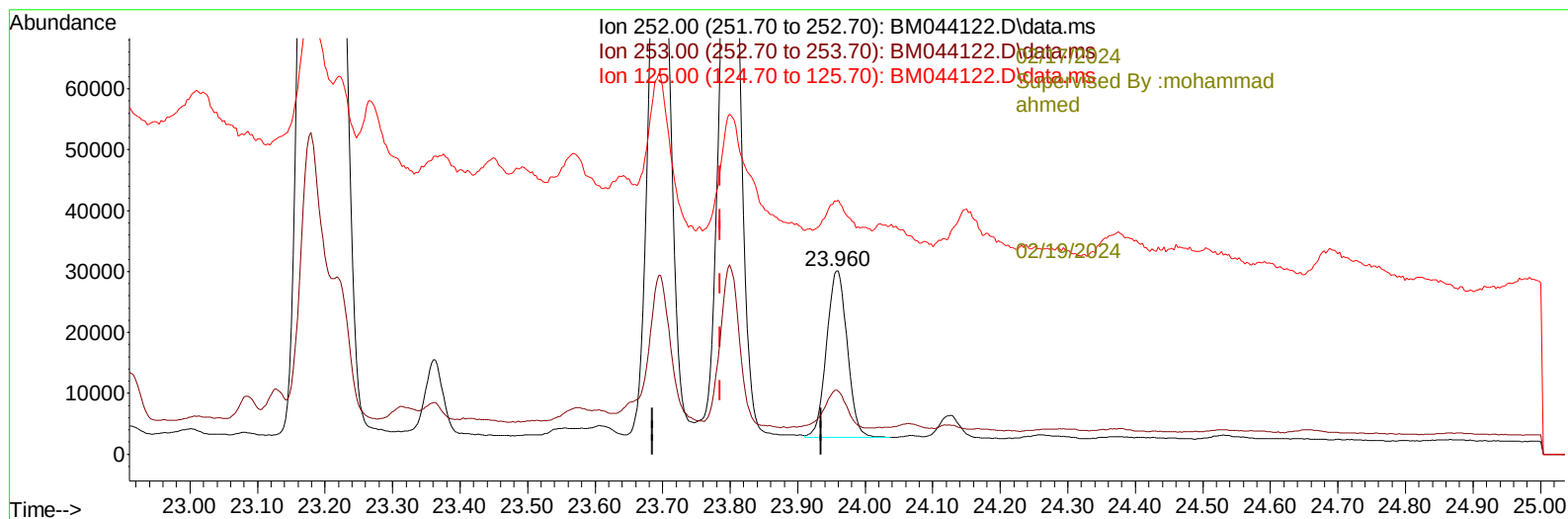
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(26) Benzo(a)pyrene (C)

23.960min (+ 0.175) 1.04 ng/u1

response 58192

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	34.34#
125.00	16.60	138.54#
0.00	0.00	0.00

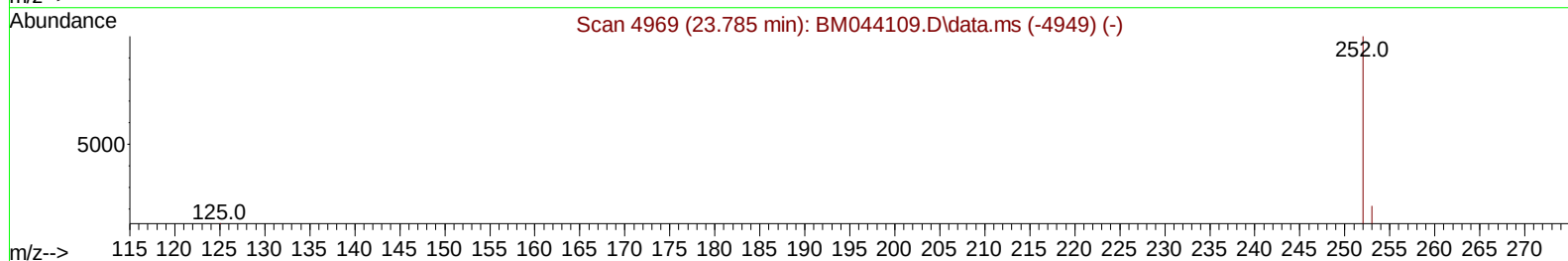
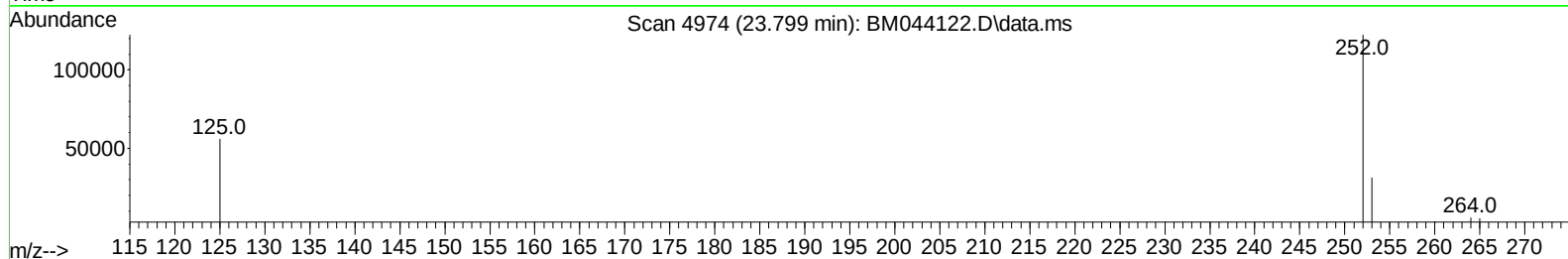
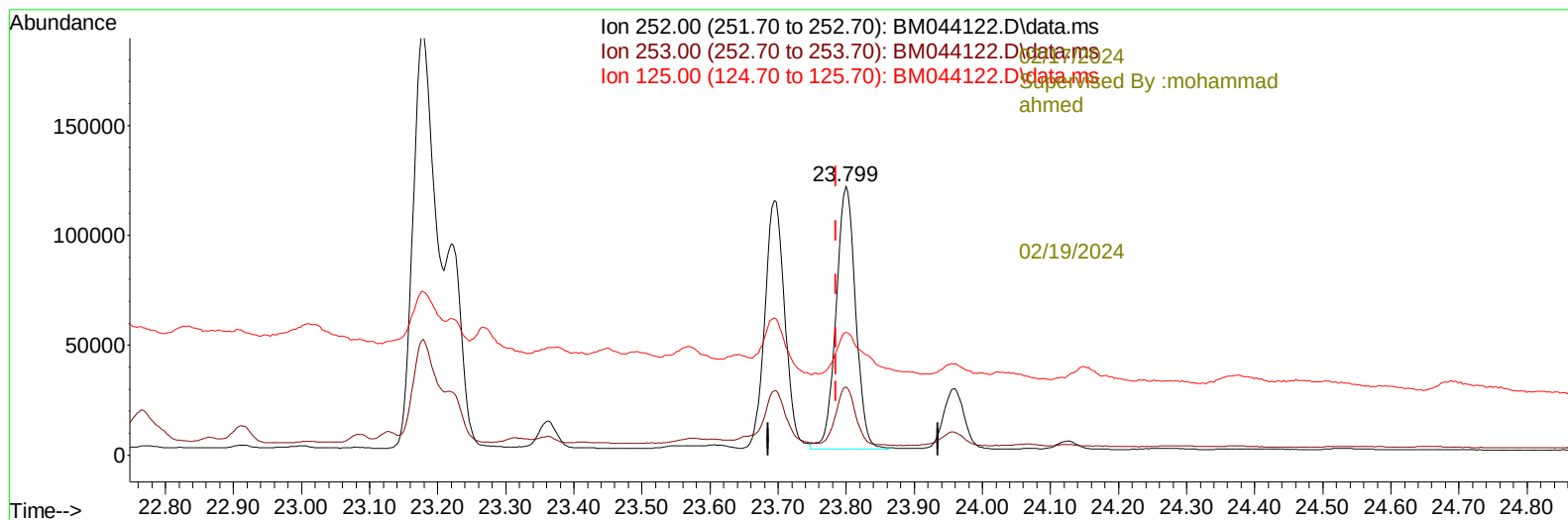
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(26) Benzo(a)pyrene (C)

23.799min (+ 0.014) 4.26 ng/ul m

response 239187

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.80	25.47
125.00	16.60	45.64#
0.00	0.00	0.00

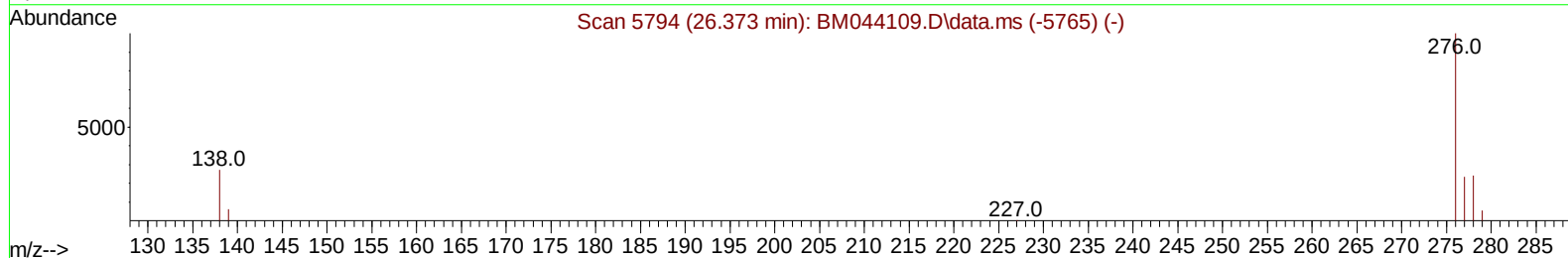
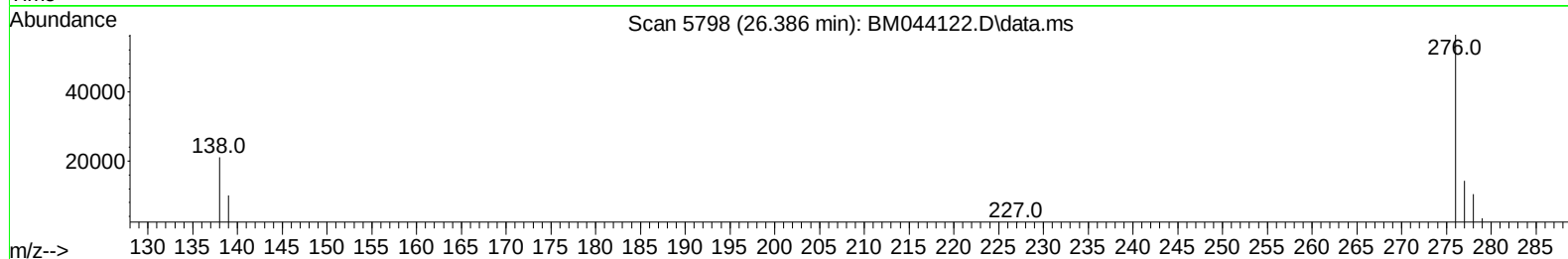
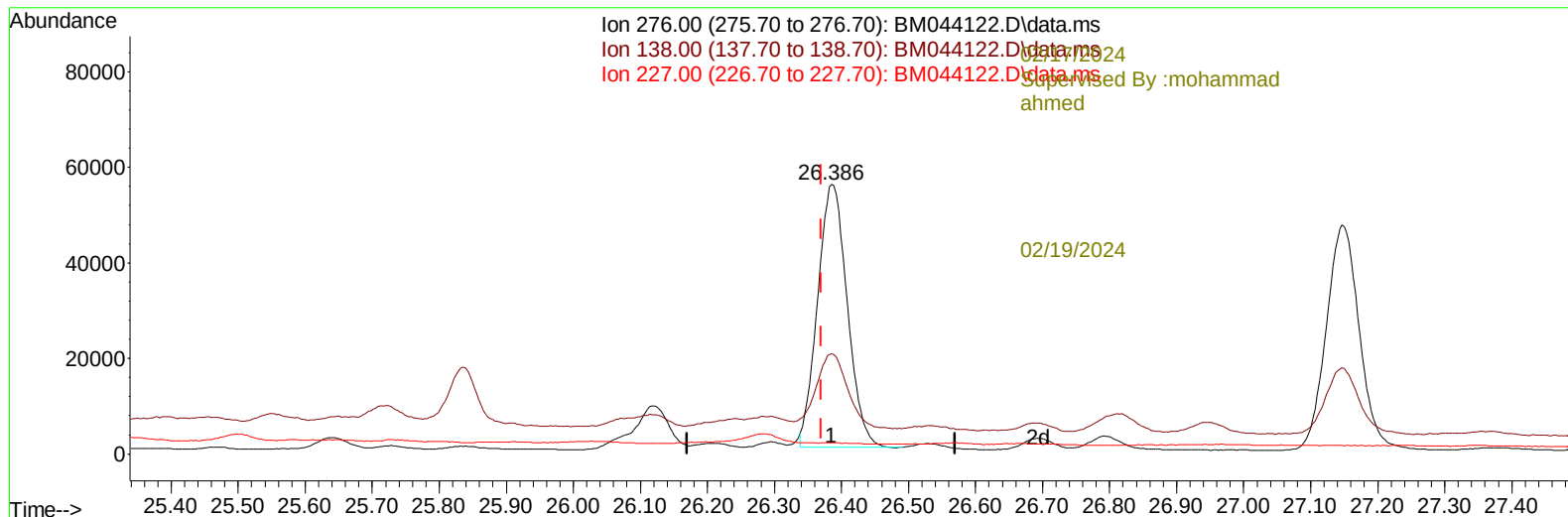
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

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

26.386min (+ 0.016) 2.37 ng/u1

response 169225

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	30.15
227.00	0.10	0.00#
0.00	0.00	0.00

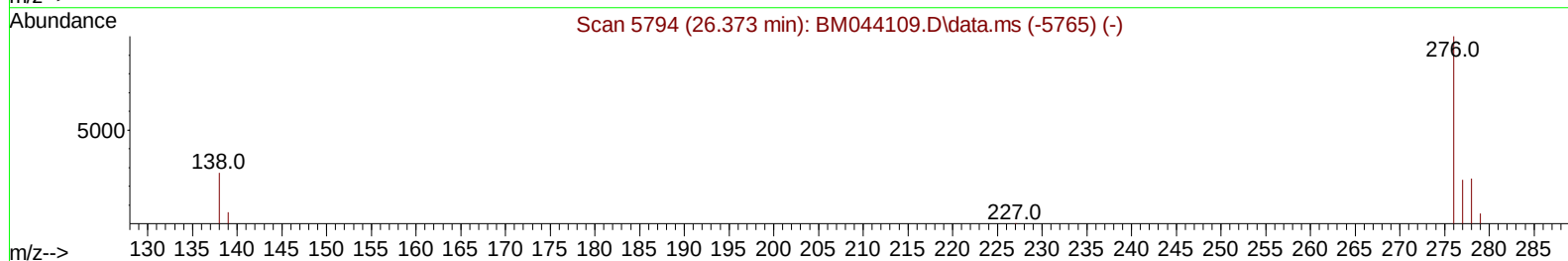
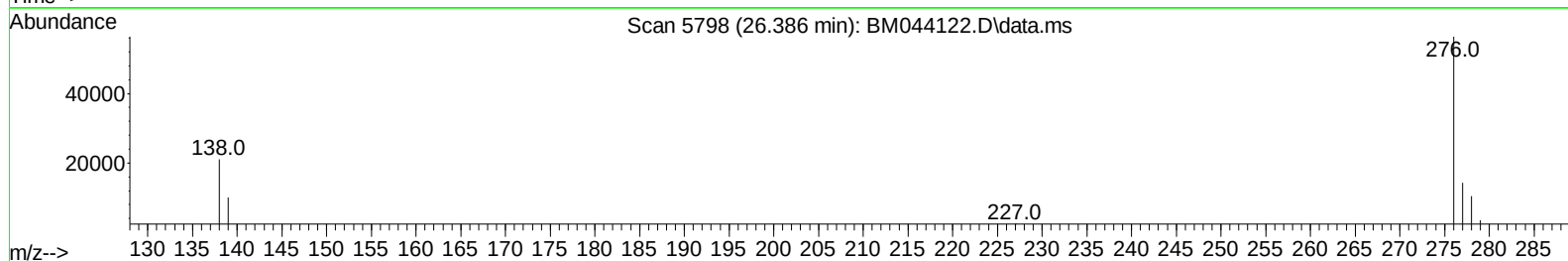
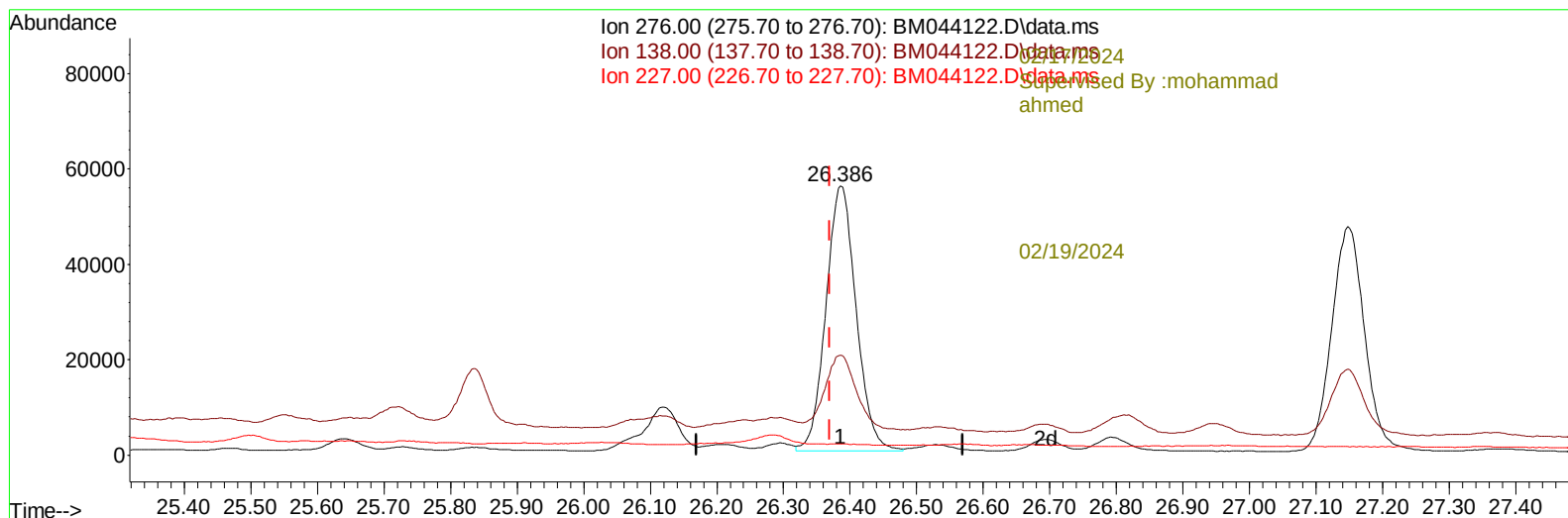
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

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

26.386min (+ 0.016) 2.46 ng/ul m

response 175670

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	31.50	29.05
227.00	0.10	0.00#
0.00	0.00	0.00

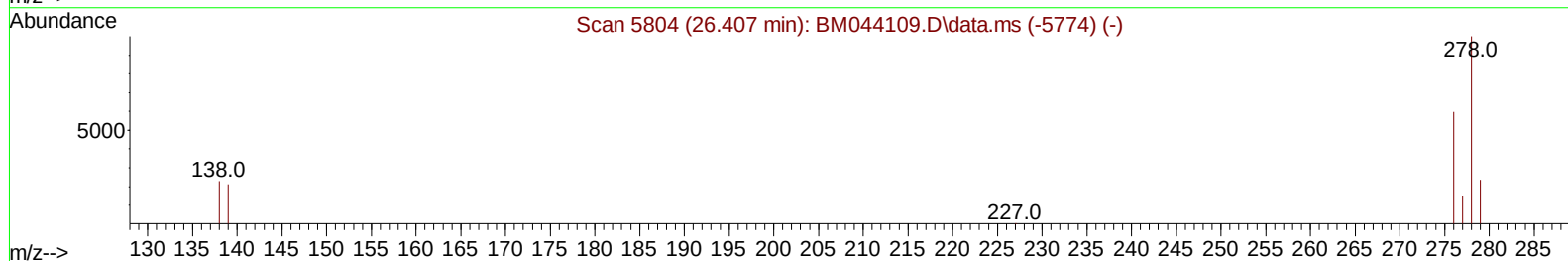
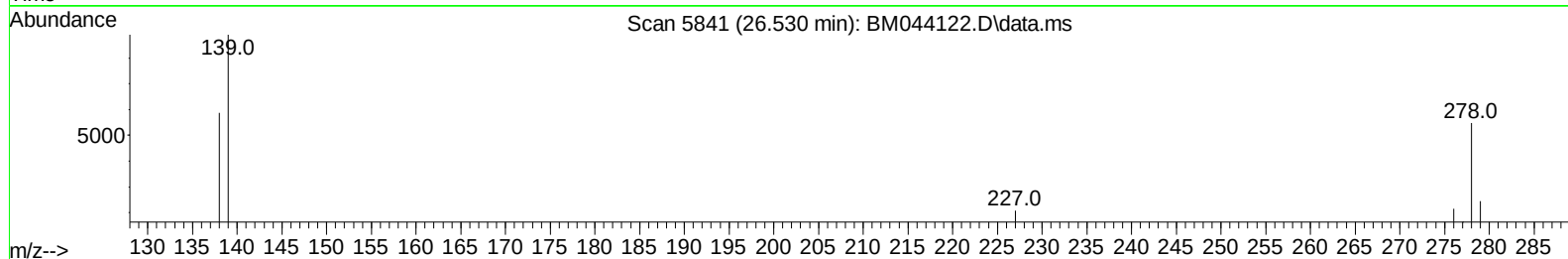
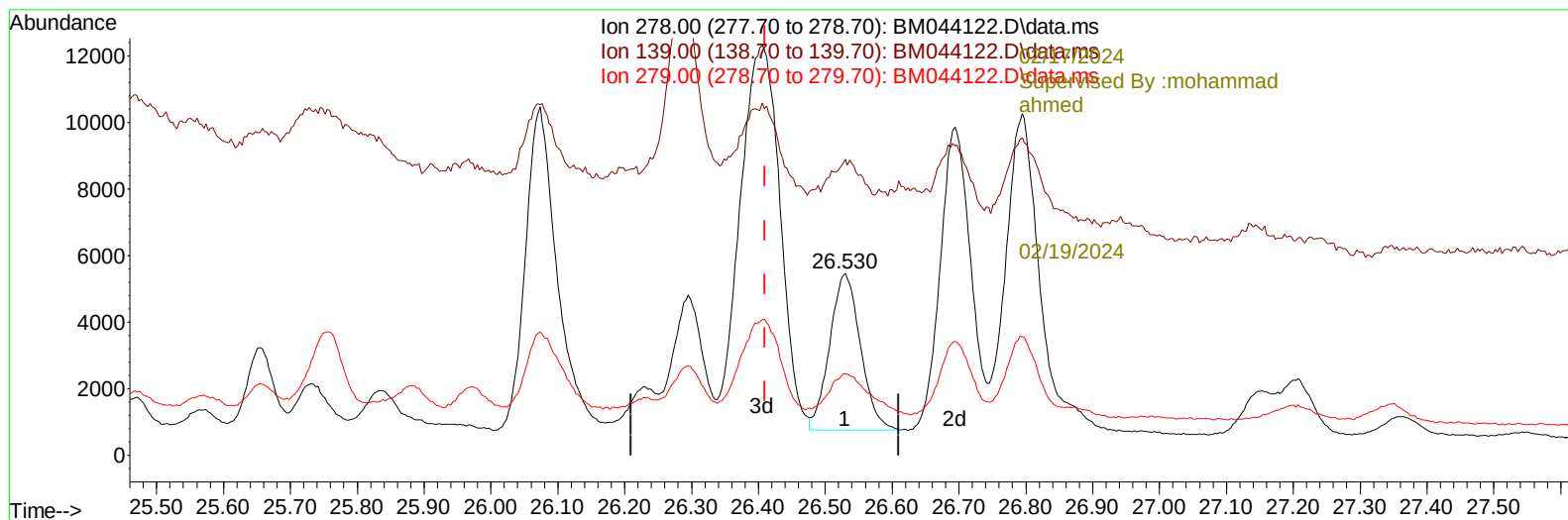
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(28) Dibenzo(a,h)anthracene

26.530min (+ 0.120) 0.27 ng/u1

response 15045

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	162.65#
279.00	27.30	44.97#
0.00	0.00	0.00

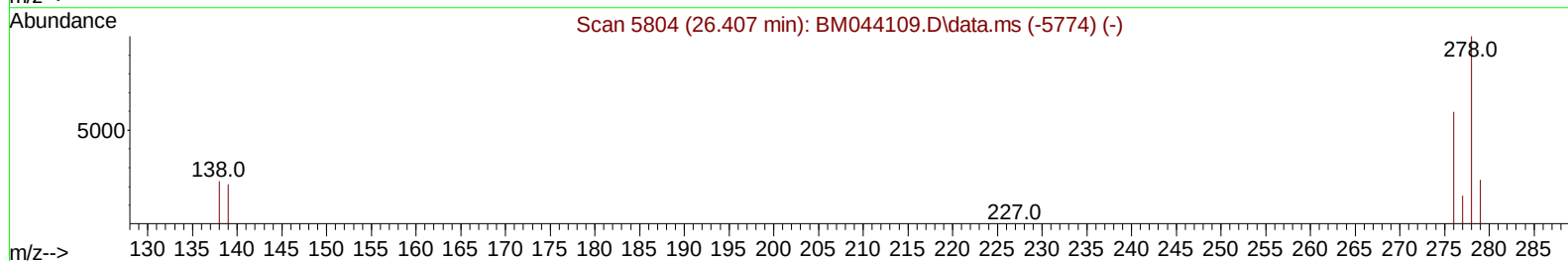
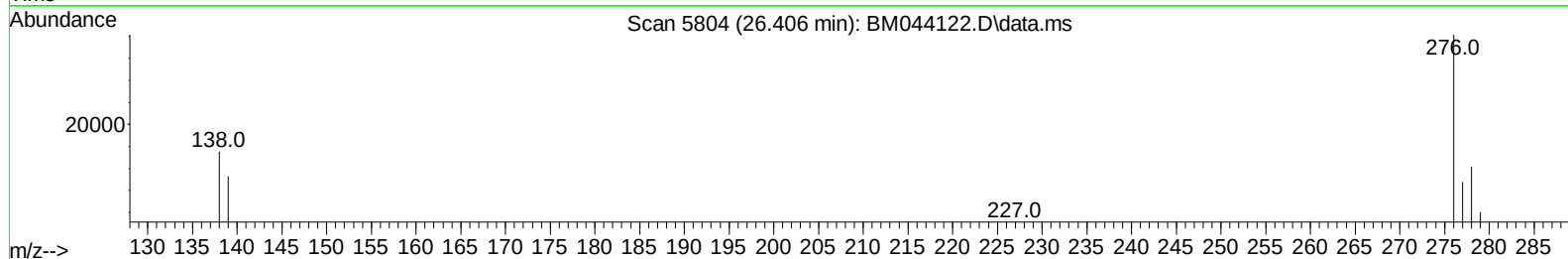
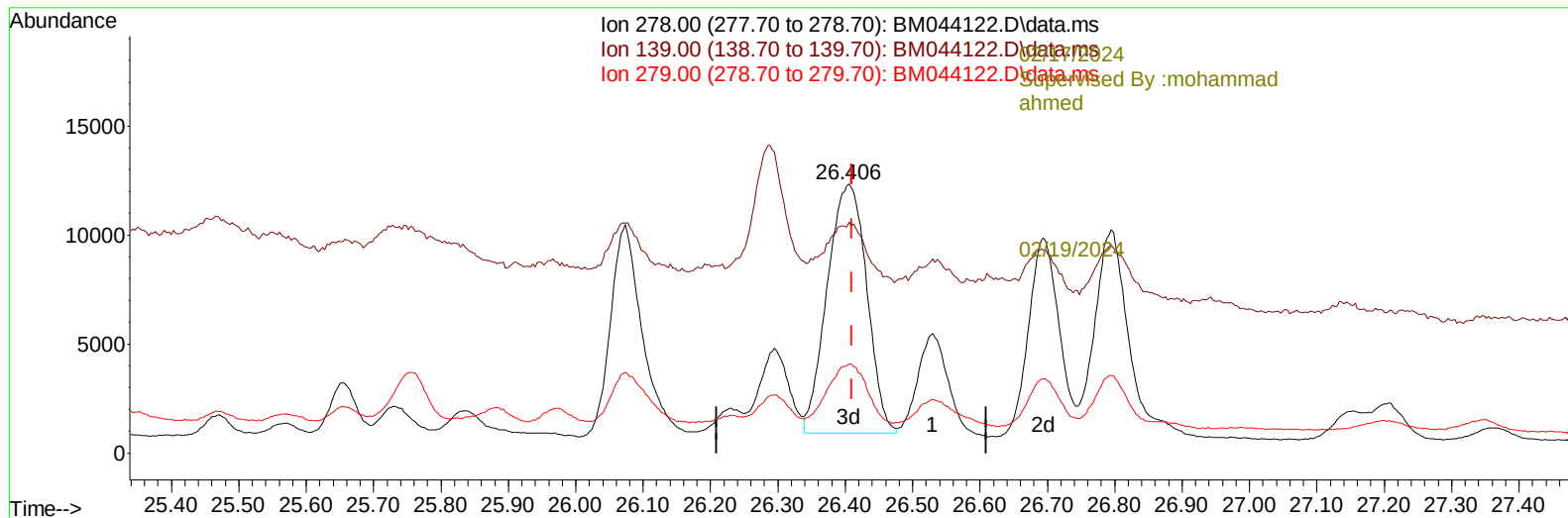
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

(28) Dibenzo(a,h)anthracene

26.406min (-0.004) 0.82 ng/ul m

response 46450

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.30	85.96#
279.00	27.30	33.07#
0.00	0.00	0.00

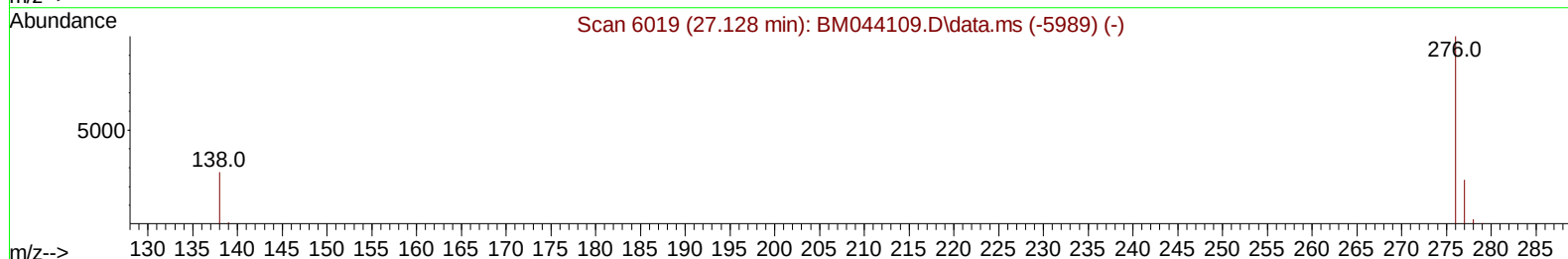
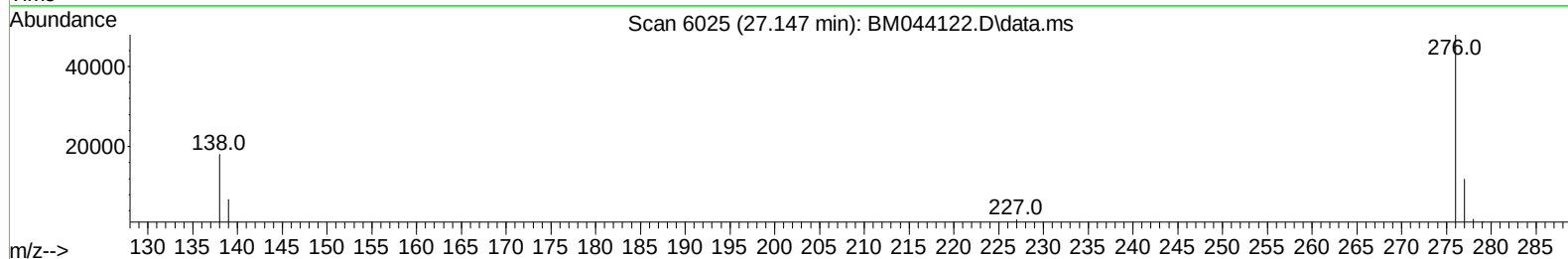
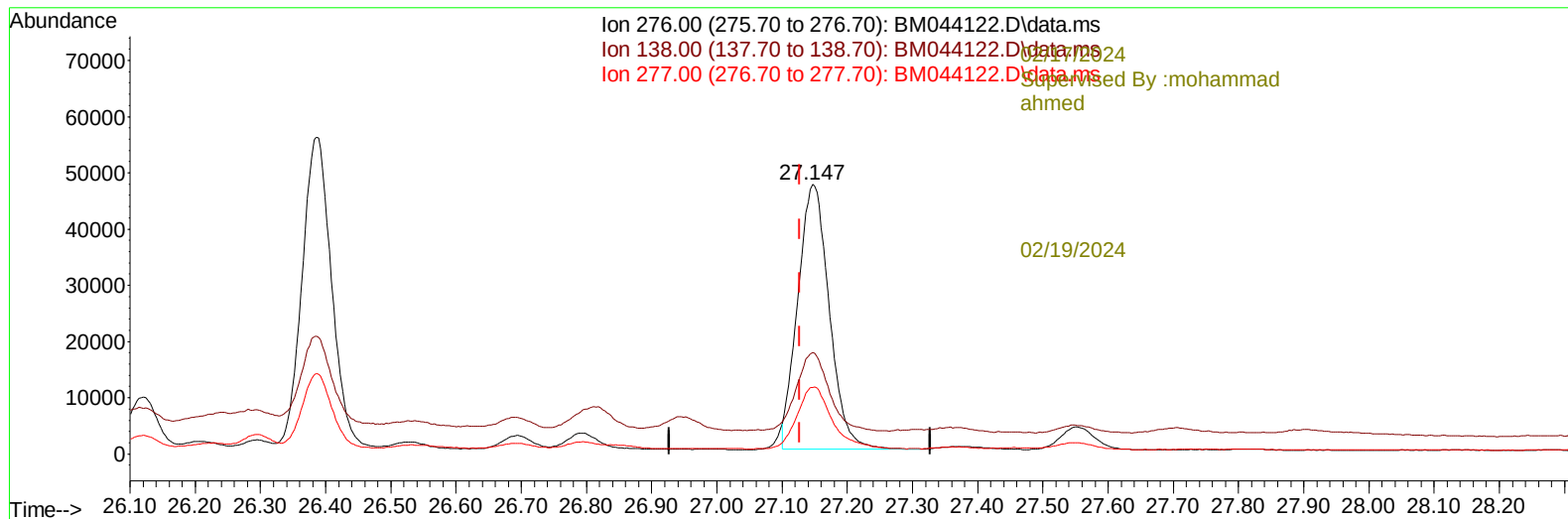
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFNO

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

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

27.147min (+ 0.019) 2.50 ng/u1

response 157882

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	37.67#
277.00	23.80	24.75
0.00	0.00	0.00

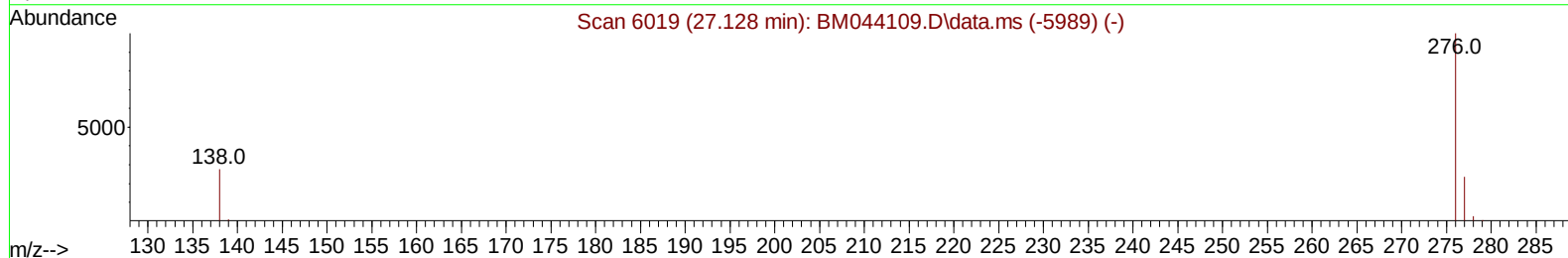
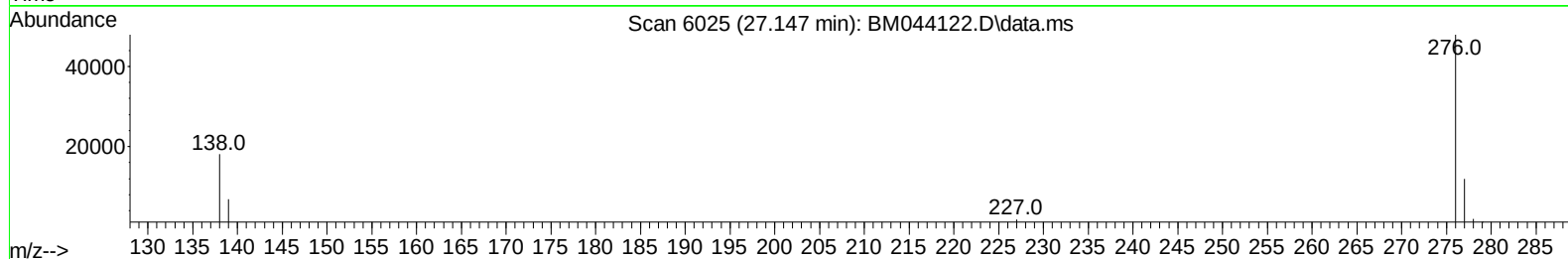
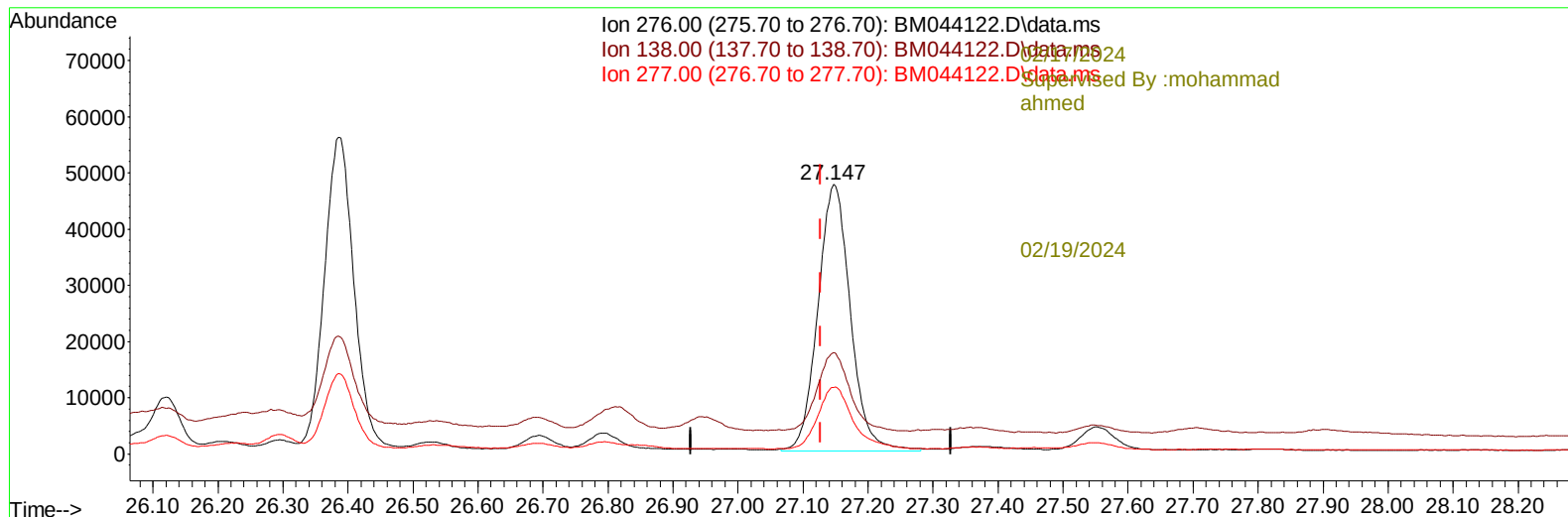
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044122.D
Acq On : 16 Feb 2024 04:15
Operator : MA/JU
Sample : P1329-22
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COFN0

Manual IntegrationsAPPROVED

Quant Time: Feb 17 03:14:57 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: BM044122.D\data.ms

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

27.147min (+ 0.019) 2.61 ng/ul m

response 165214

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	28.40	37.67#
277.00	23.80	24.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044122.D
 Acq On : 16 Feb 2024 04:15
 Operator : MA/JU
 Sample : P1329-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COFNO

Manual IntegrationsAPPROVED

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

Quant Time: Feb 17 03:14:57 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.	QIon	Response	Conc	Units	Dev(Min)
-----02/17/2024						
Supervised By :mohammad						
ahmed						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	9589	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	15046	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	20788	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.297	188	29302m	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	13862m	0.400	ng/ul	0.00
23) Perylene-d12	23.907	264	14649m	0.400	ng/ul	0.00
-----02/19/2024						
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	52302	3.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	27102	1.286	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	21515m	0.520	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.754	128	186078	4.161	ng/ul#	76
7) 2-Methylnaphthalene	12.376	142	415056	15.048	ng/ul	91
8) 1-Methylnaphthalene	12.596	142	378761	13.573	ng/ul	92
10) Acenaphthylene	14.280	152	47015	0.412	ng/ul#	1
11) Acenaphthene	14.613	153	42568	0.514	ng/ul#	83
12) Fluorene	15.603	166	52261	0.560	ng/ul#	78
14) Pentachlorophenol	16.947	266	1365	0.130	ng/ul	96
15) Phenanthrene	17.339	178	247742	2.668	ng/ul	97
16) Anthracene	17.432	178	9385m	0.102	ng/ul	
19) Fluoranthene	19.364	202	1391910m	22.025	ng/ul	
20) Pyrene	19.727	202	795251	11.966	ng/ul#	95
21) Benzo(a)anthracene	21.490	228	291850m	4.597	ng/ul	
22) Chrysene	21.546	228	372334m	5.440	ng/ul	
24) Benzo(b)fluoranthene	23.176	252	431506m	7.138	ng/ul	
25) Benzo(k)fluoranthene	23.220	252	154934m	2.361	ng/ul	
26) Benzo(a)pyrene	23.799	252	239187m	4.257	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.386	276	175670m	2.455	ng/ul	
28) Dibenzo(a,h)anthracene	26.406	278	46450m	0.825	ng/ul	
29) Benzo(g,h,i)perylene	27.147	276	165214m	2.611	ng/ul	

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

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