

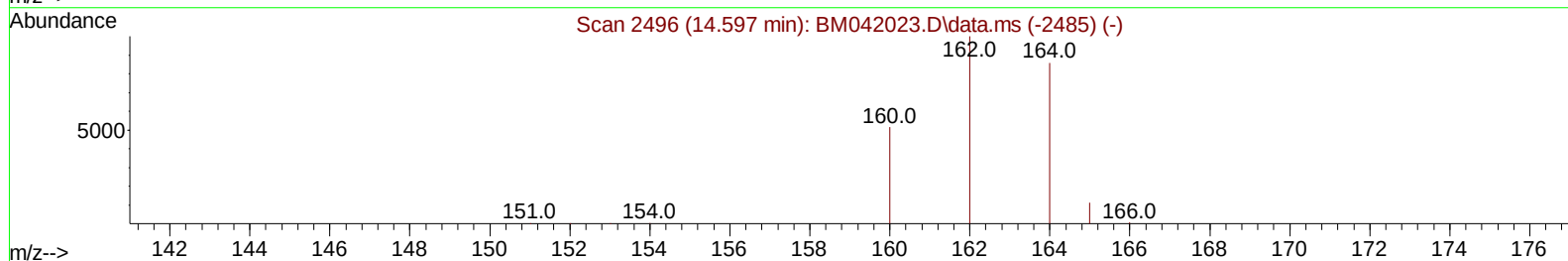
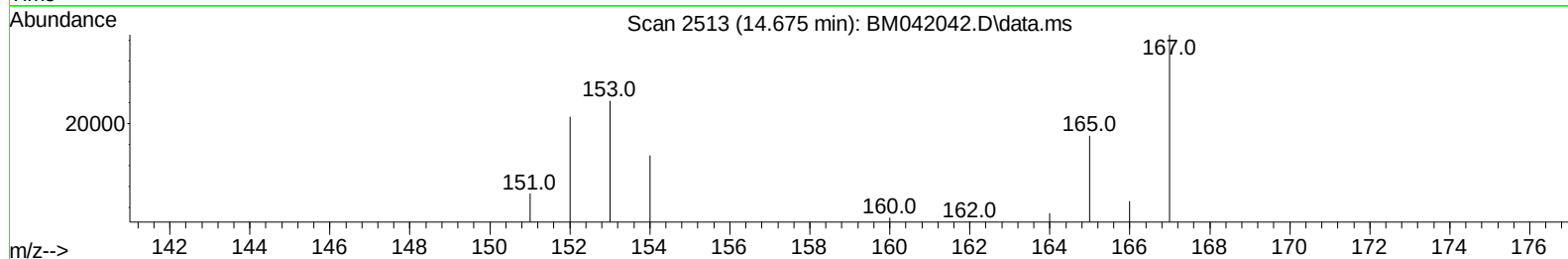
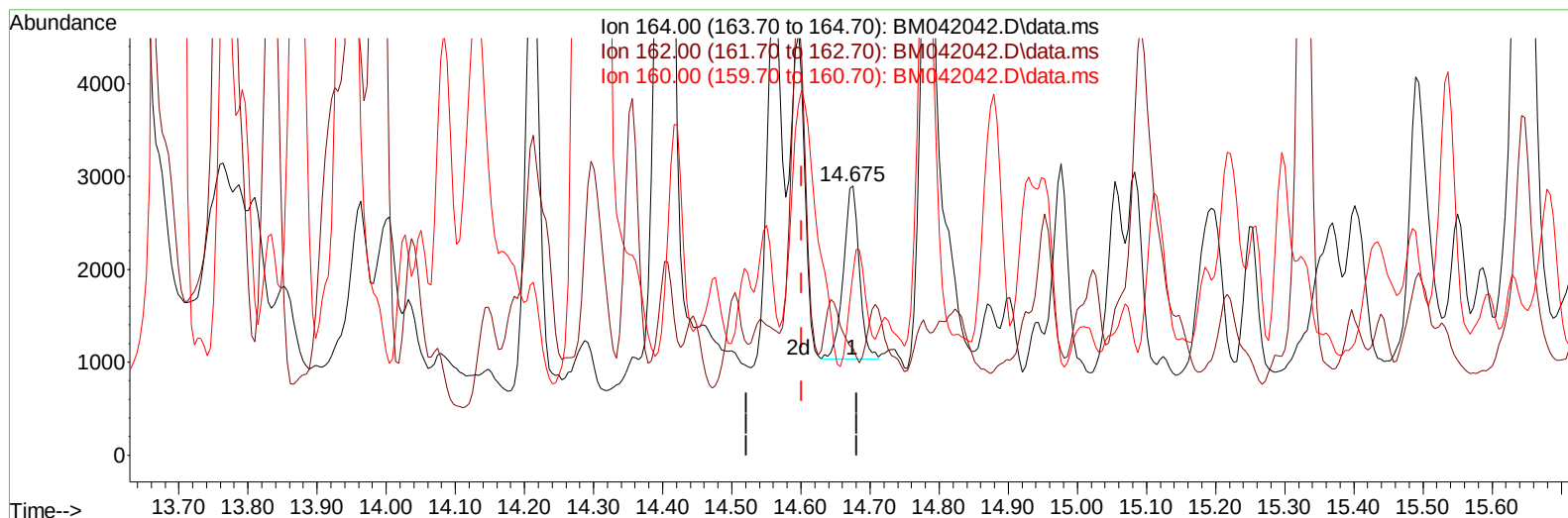
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(9) Acenaphthene-d10 (I)

14.675min (+ 0.074) 0.40 ng/u1

response 2997

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	39.64#
160.00	59.20	67.82
0.00	0.00	0.00

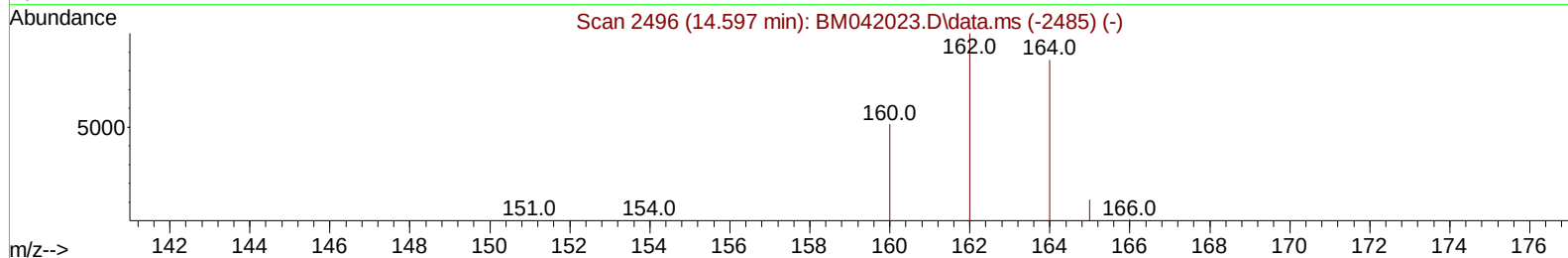
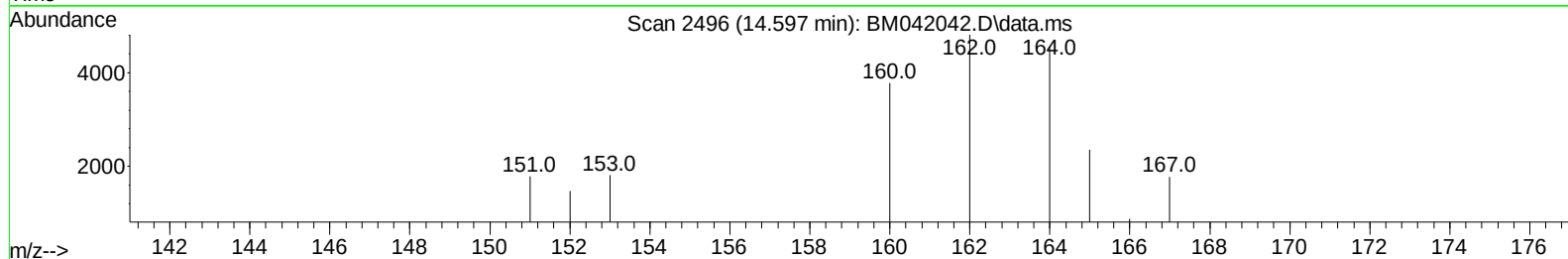
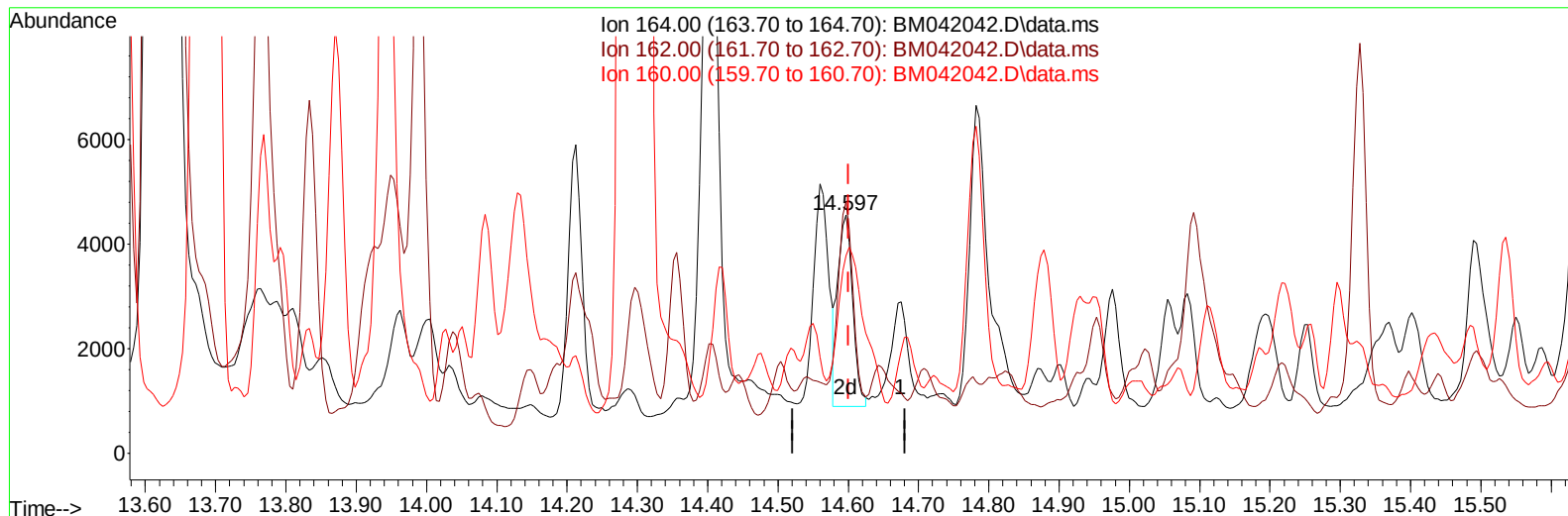
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(9) Acenaphthene-d10 (I)

14.597min (-0.005) 0.40 ng/ul m

response 5326

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	105.53
160.00	59.20	82.82#
0.00	0.00	0.00

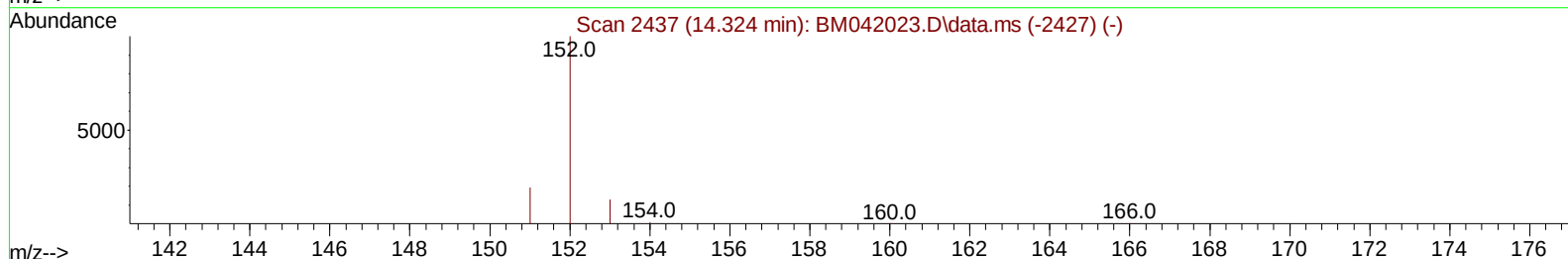
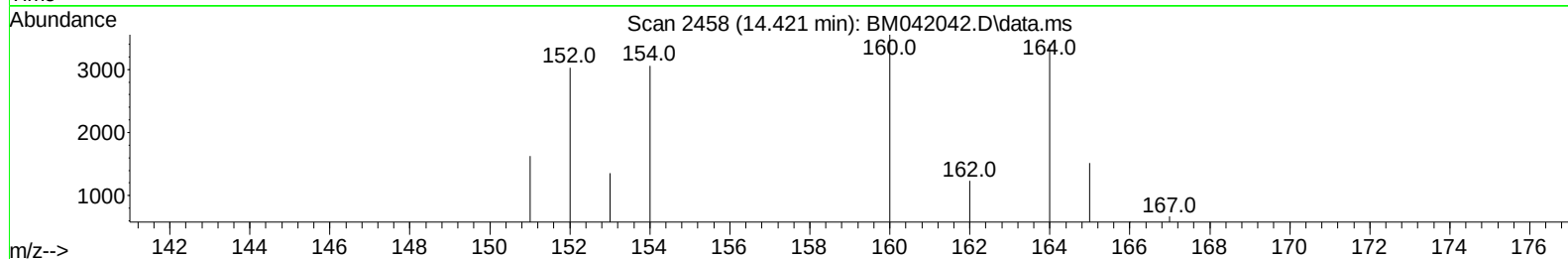
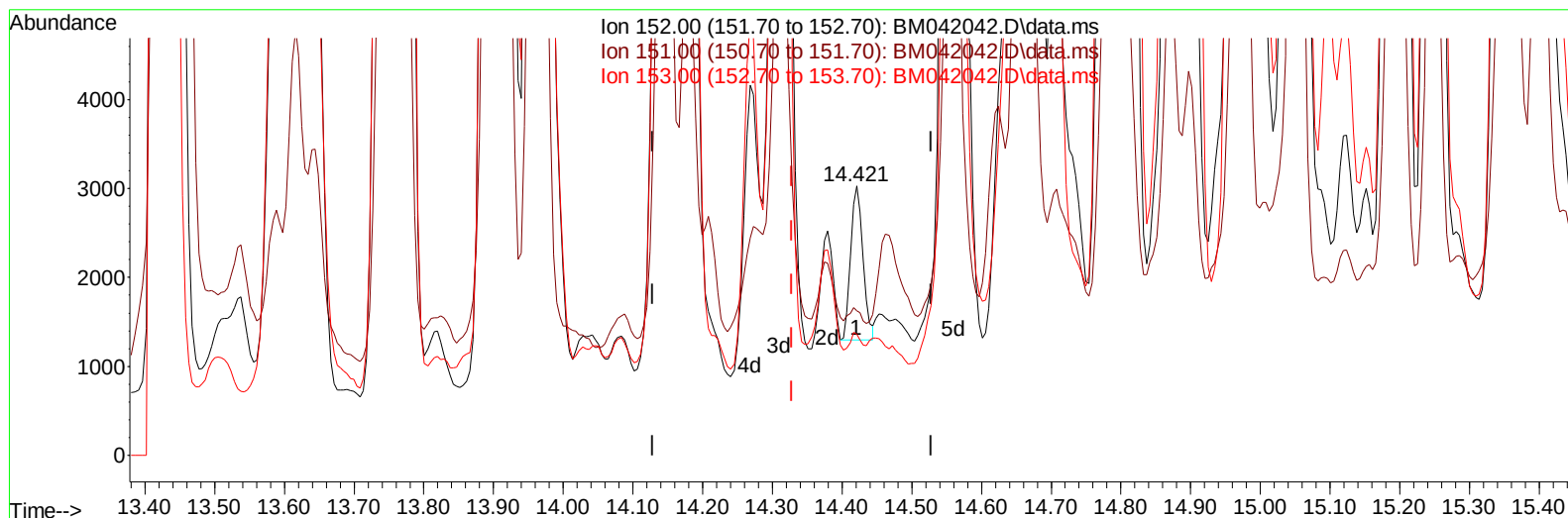
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

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TIC: BM042042.D\data.ms

(10) Acenaphthylene

14.421min (+ 0.093) 0.06 ng/ul

response 2123

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.30	53.68#
153.00	13.50	44.87#
0.00	0.00	0.00

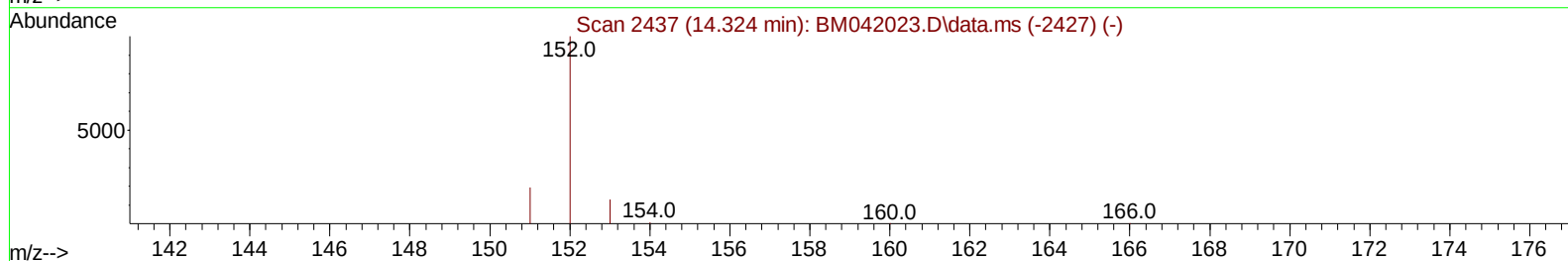
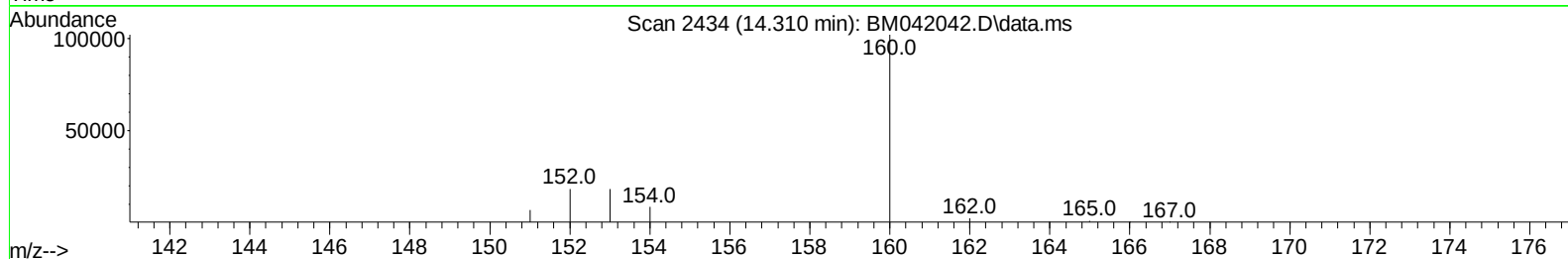
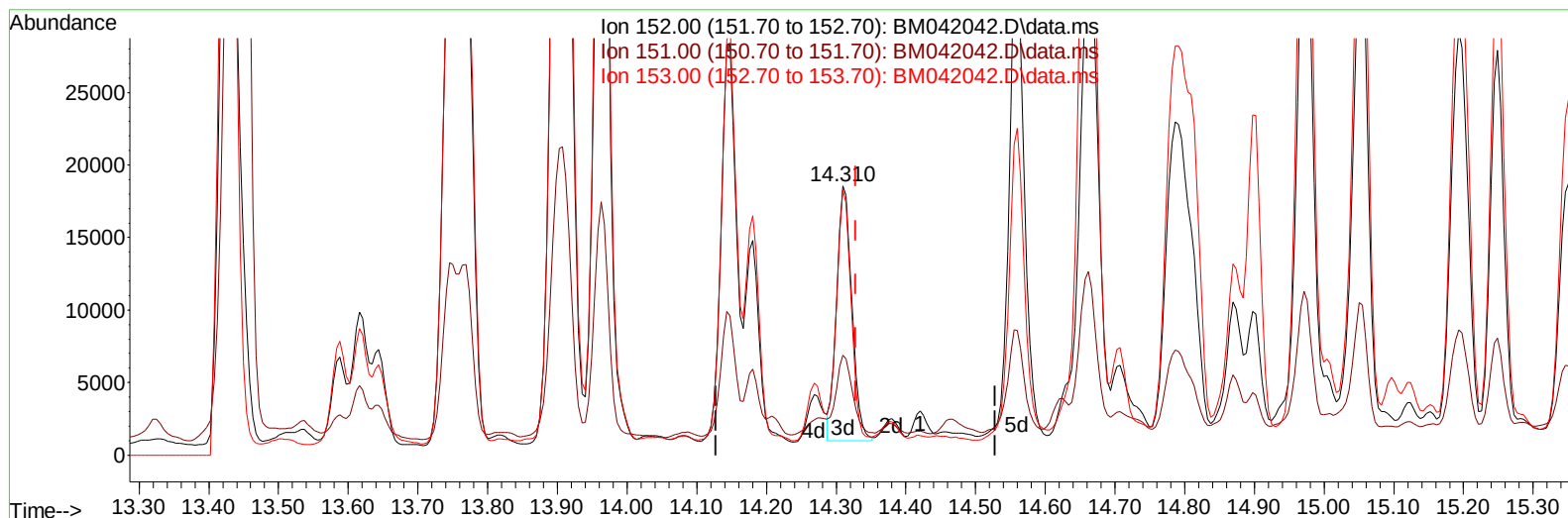
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
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TIC: BM042042.D\data.ms

(10) Acenaphthylene

14.310min (-0.018) 0.75 ng/ul m

response 26714

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.30	37.27#
153.00	13.50	98.62#
0.00	0.00	0.00

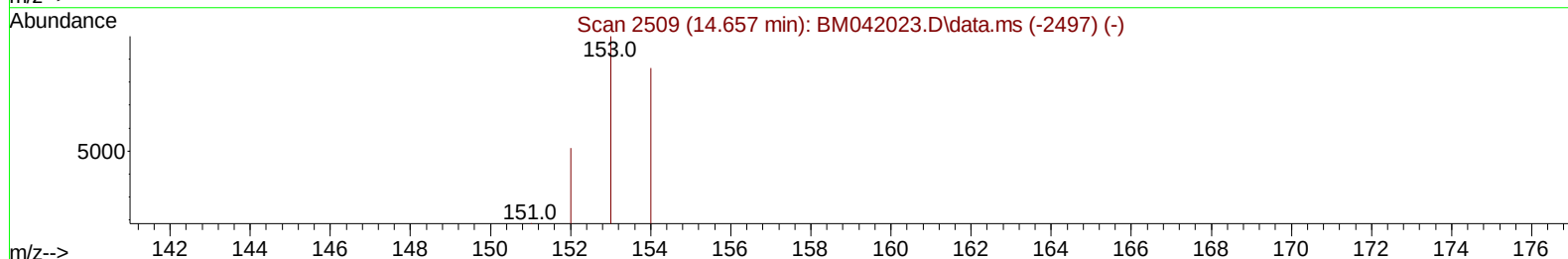
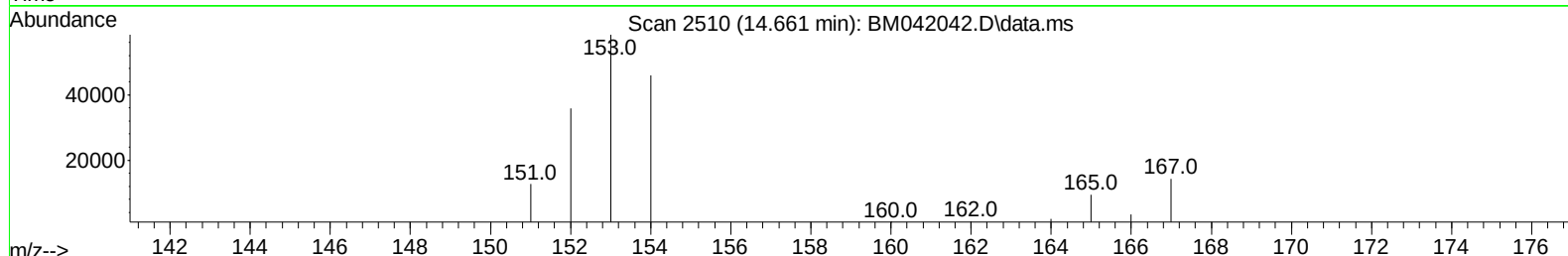
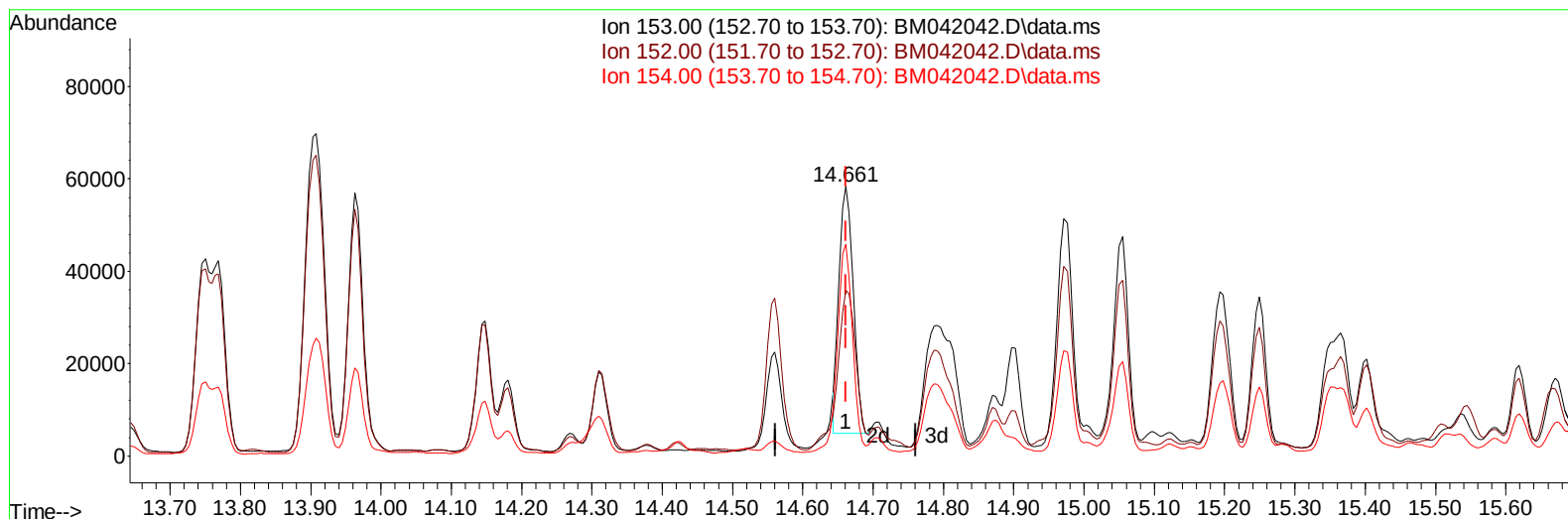
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
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 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(11) Acenaphthene (C)

14.661min (+ 0.000) 2.75 ng/ul

response 75115

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	52.30	61.49
154.00	86.30	78.57
0.00	0.00	0.00

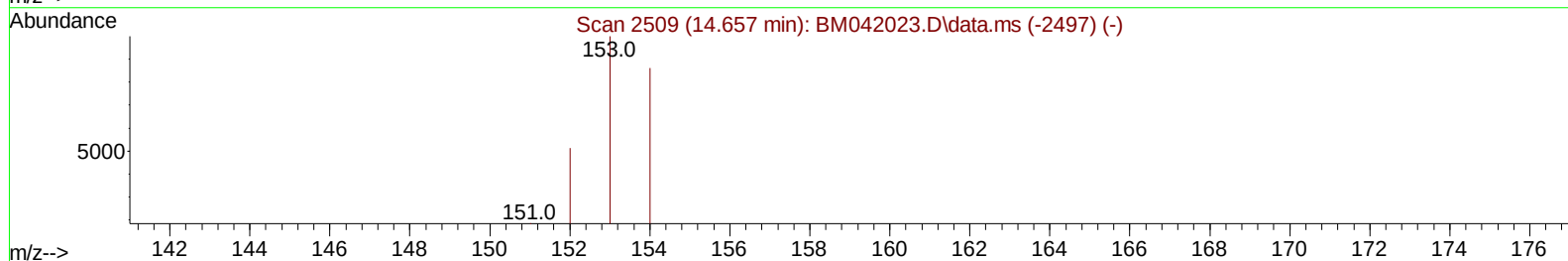
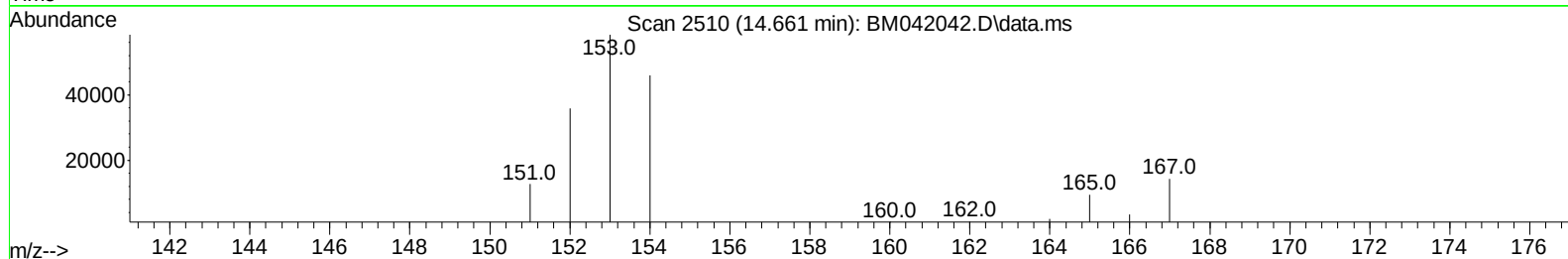
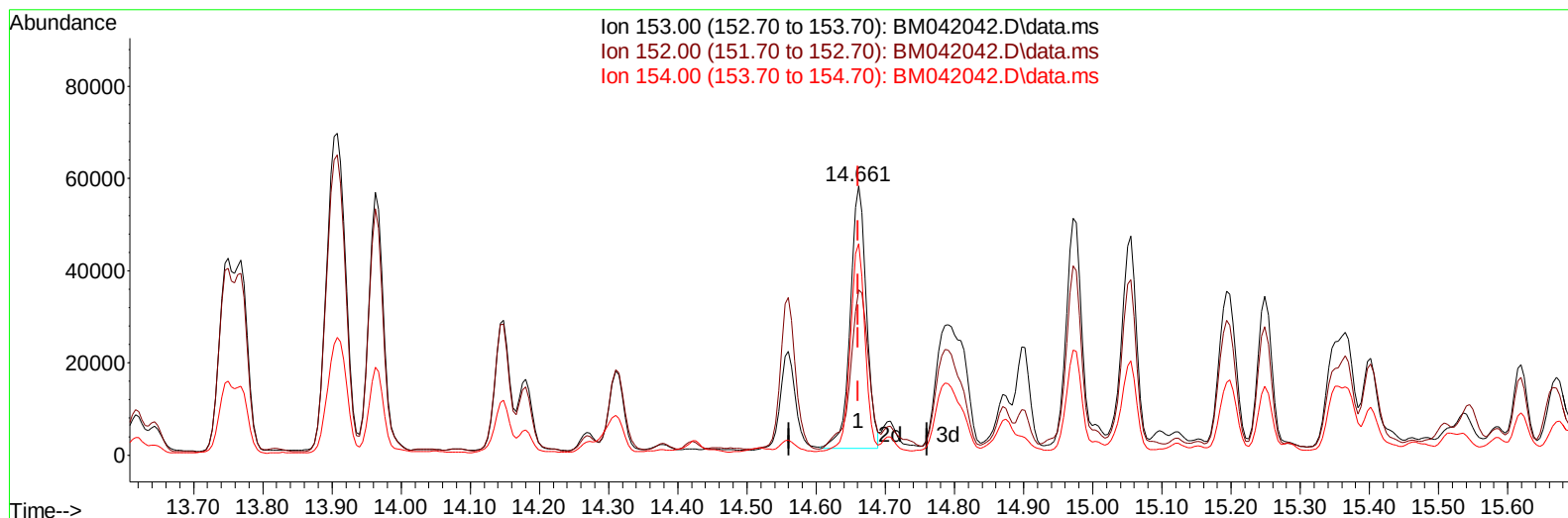
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(11) Acenaphthene (C)

14.661min (+ 0.000) 3.39 ng/ul m

response 92785

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	52.30	61.49
154.00	86.30	78.57
0.00	0.00	0.00

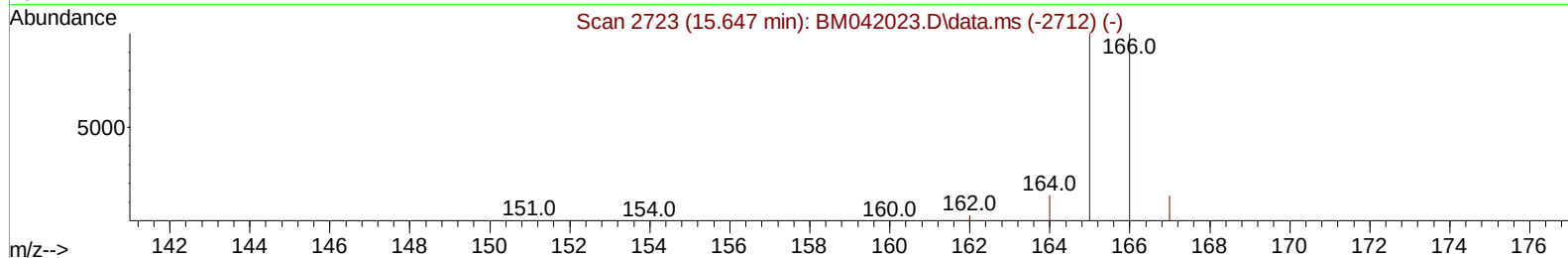
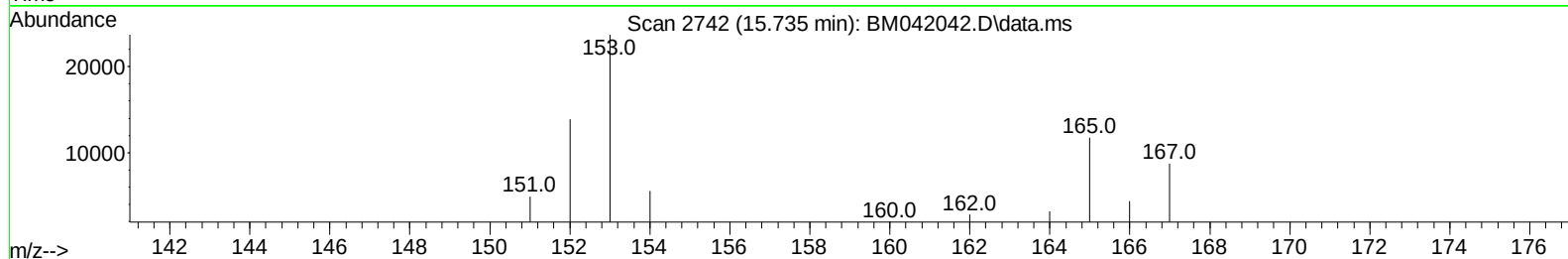
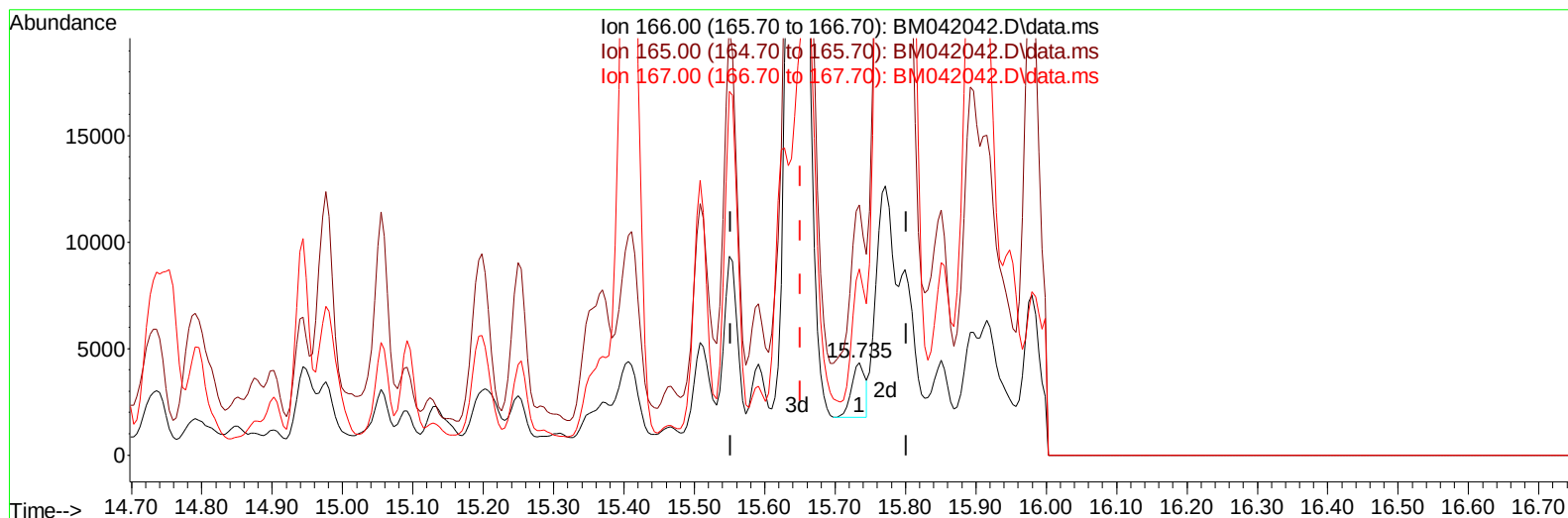
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
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TIC: BM042042.D\data.ms

(12) Fluorene

15.735min (+ 0.083) 0.11 ng/u1

response 3390

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.80	270.62#
167.00	13.90	200.87#
0.00	0.00	0.00

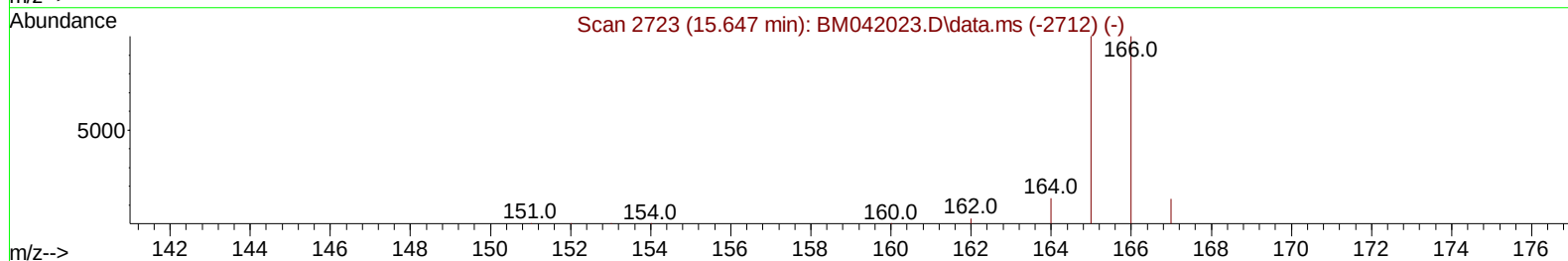
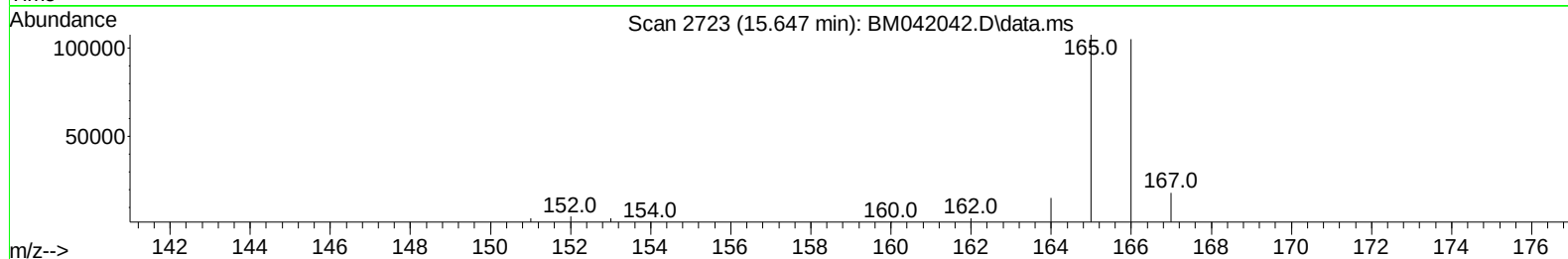
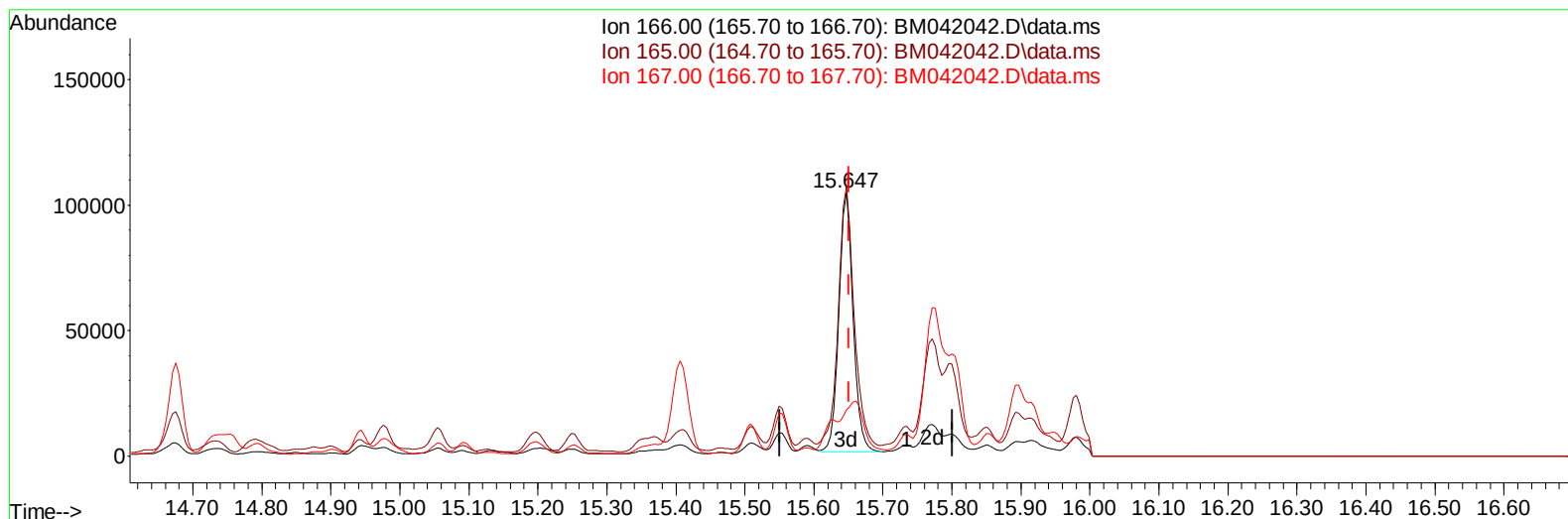
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(12) Fluorene

15.647min (-0.005) 4.84 ng/ul m

response 149076

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.80	102.33
167.00	13.90	17.41#
0.00	0.00	0.00

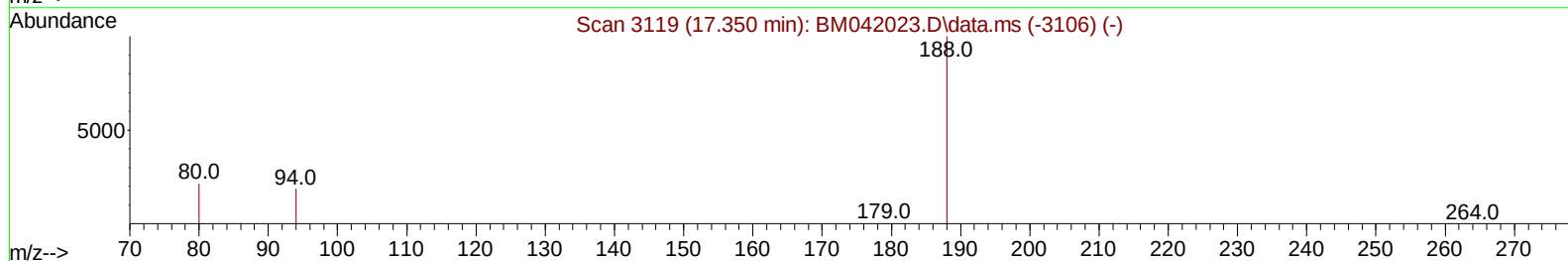
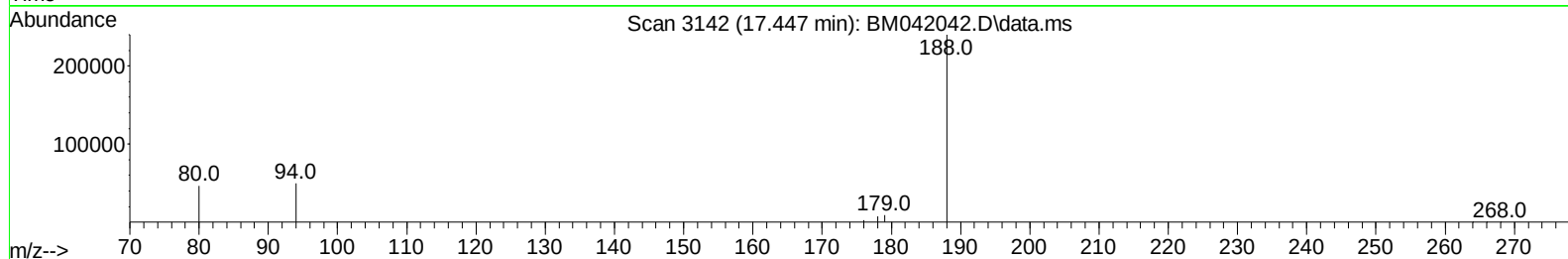
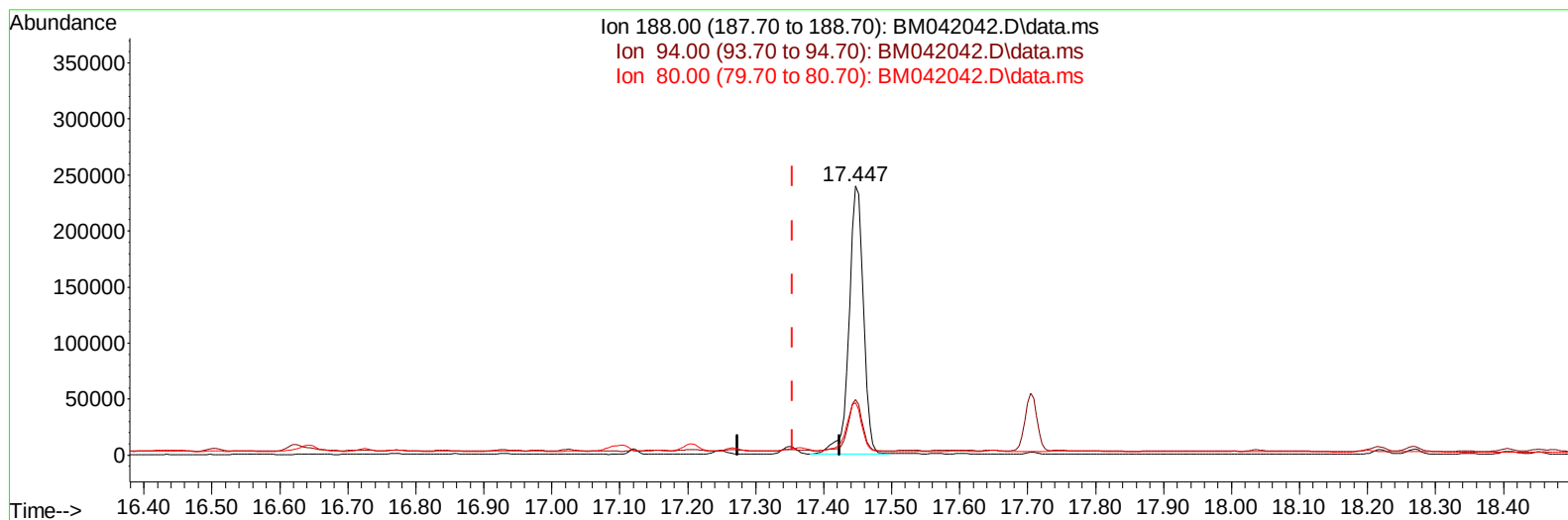
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
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TIC: BM042042.D\data.ms

(13) Phenanthrene-d10 (I)

17.447min (+ 0.093) 0.40 ng/ul

response 347245

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	18.20	20.68
80.00	20.40	19.50
0.00	0.00	0.00

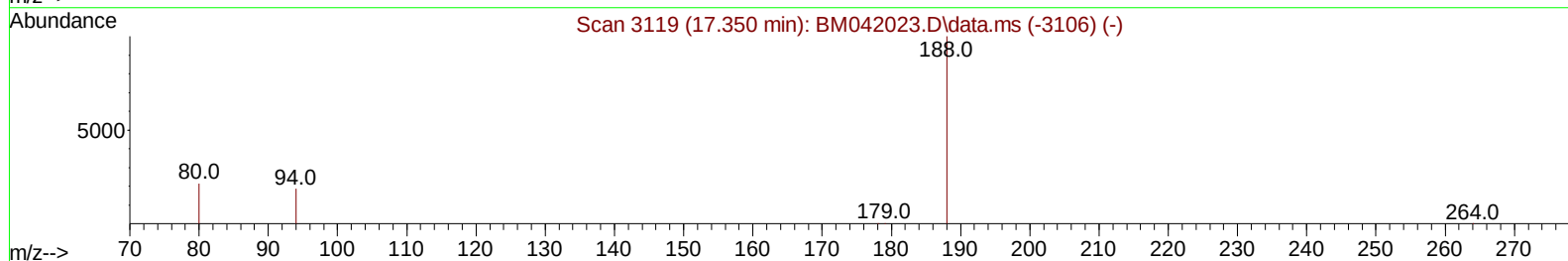
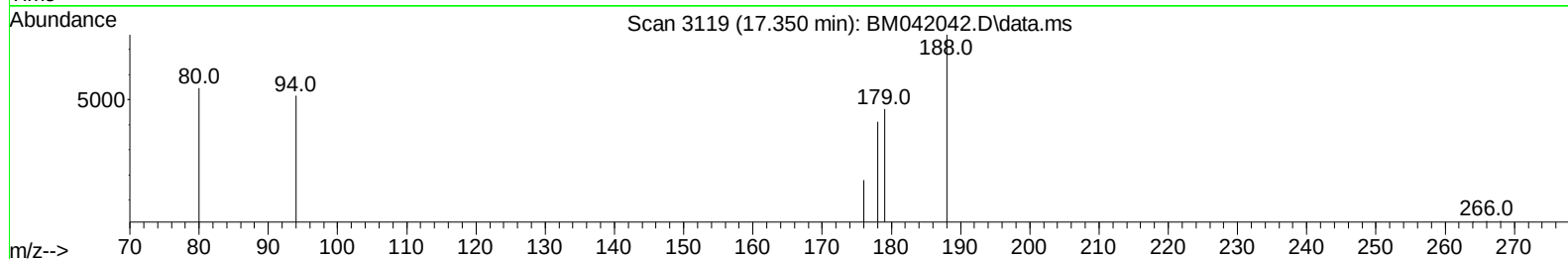
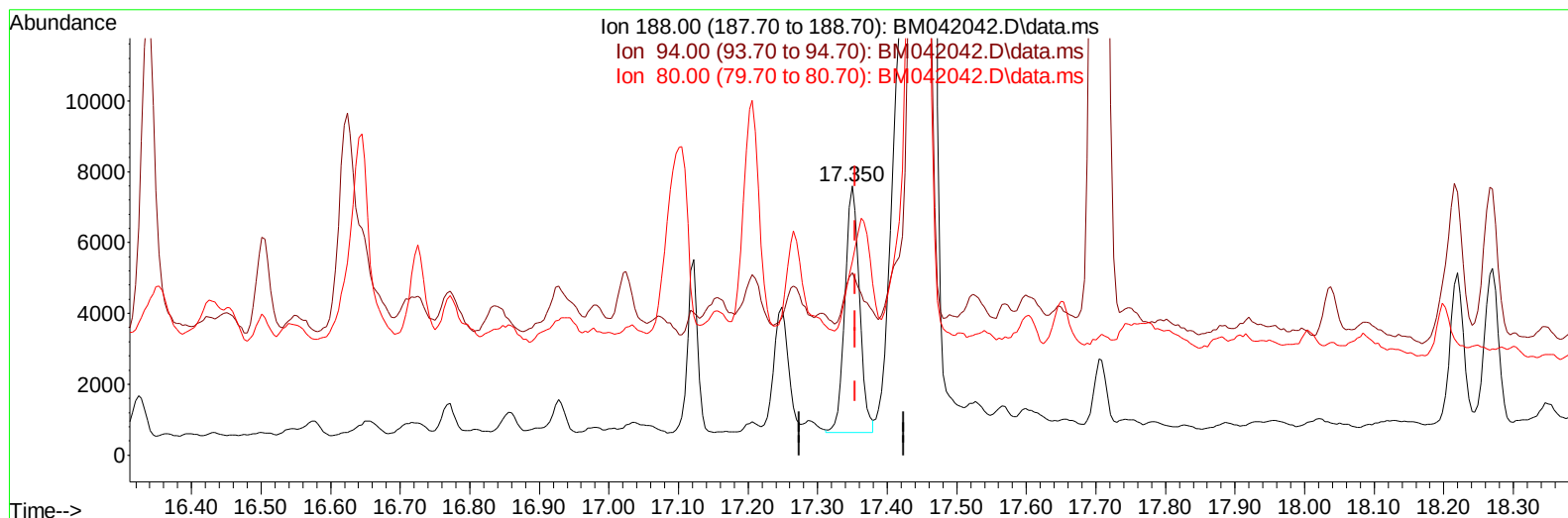
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(13) Phenanthrene-d10 (I)

17.350min (-0.004) 0.40 ng/ul m

response 10201

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	18.20	67.86#
80.00	20.40	72.05#
0.00	0.00	0.00

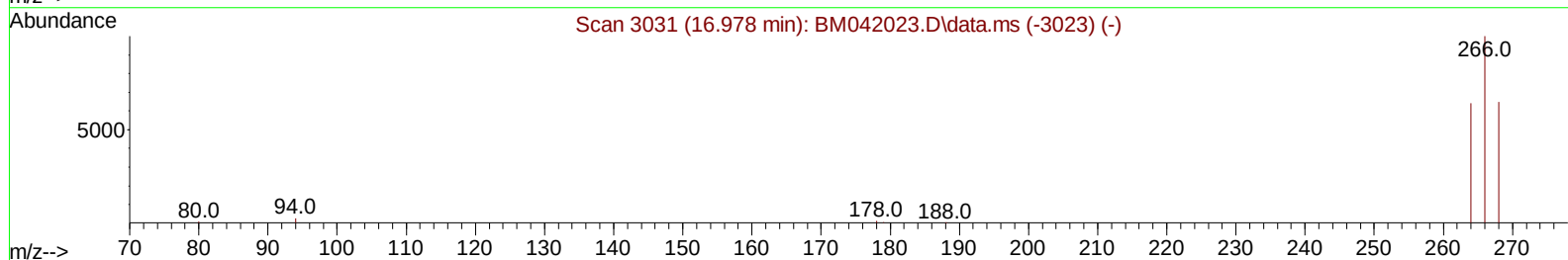
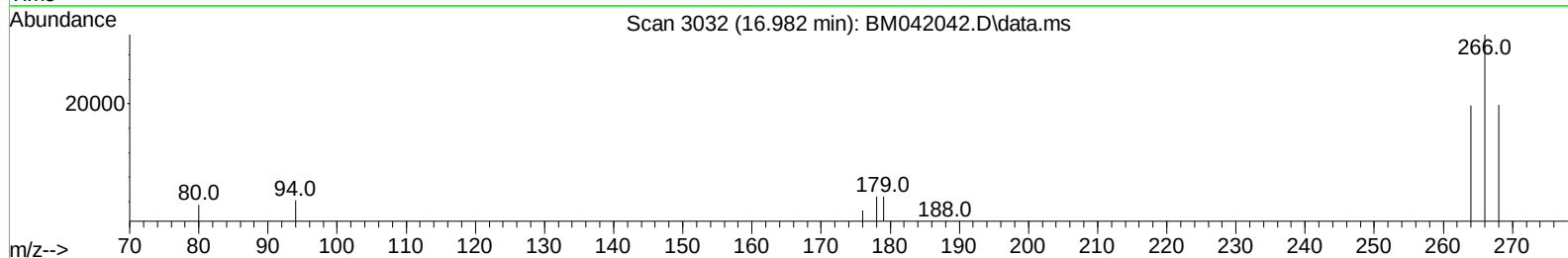
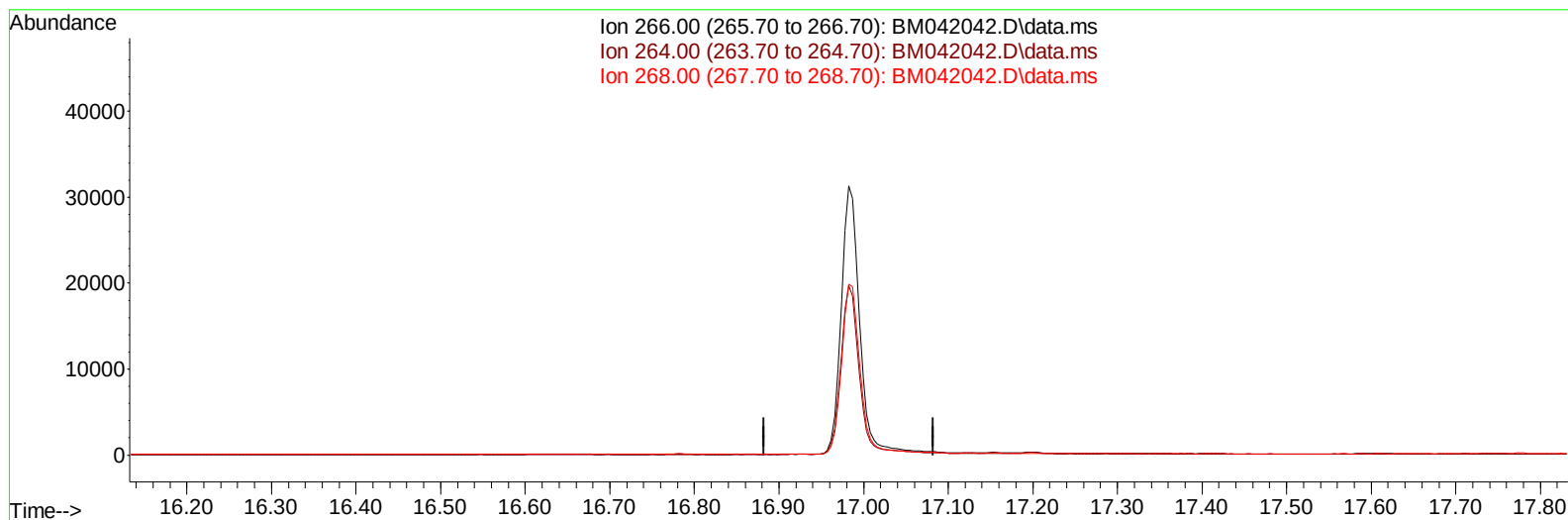
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

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TIC: BM042042.D\data.ms

(14) Pentachlorophenol

16.982min (-16.982) 0.00 ng/ul

response 0

Ion	Exp%	Act%
266.00	100.00	0.00
264.00	62.80	0.00#
268.00	63.70	0.00#
0.00	0.00	0.00

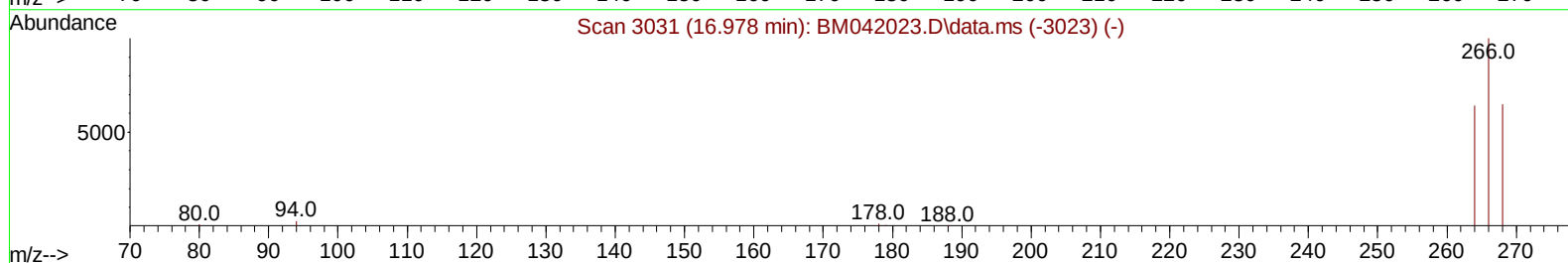
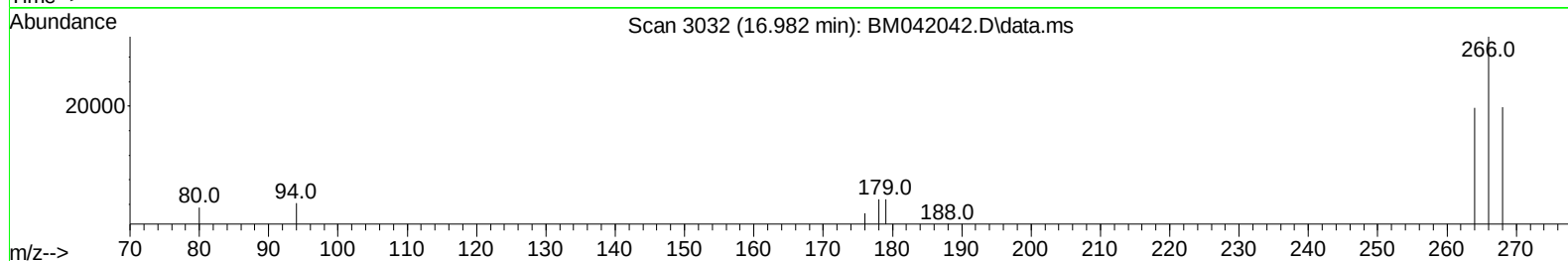
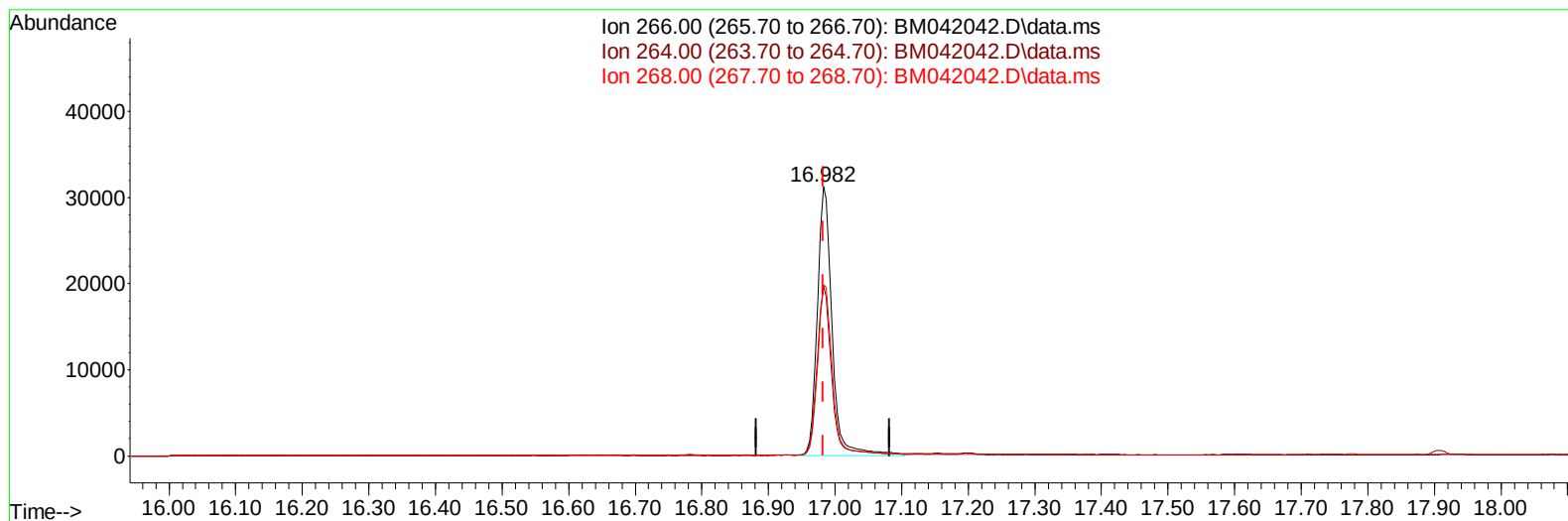
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

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TIC: BM042042.D\data.ms

(14) Pentachlorophenol

16.982min (+ 0.000) 8.94 ng/ul m

response 48223

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.80	0.00#
268.00	63.70	0.00#
0.00	0.00	0.00

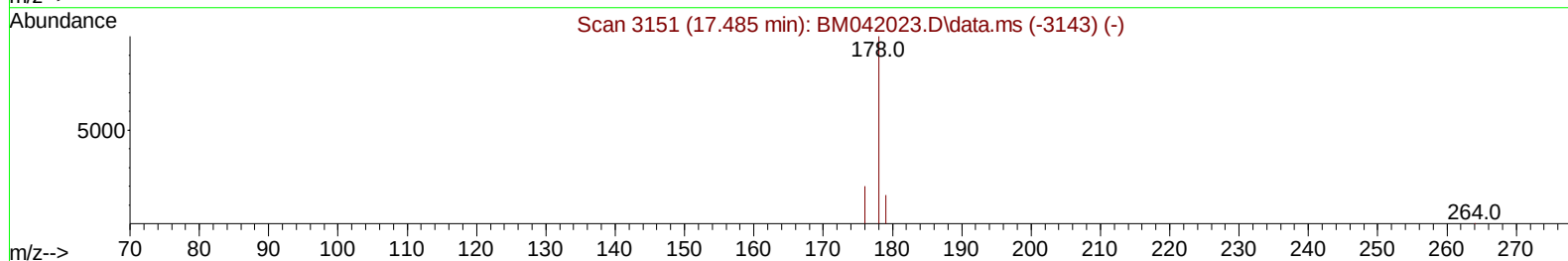
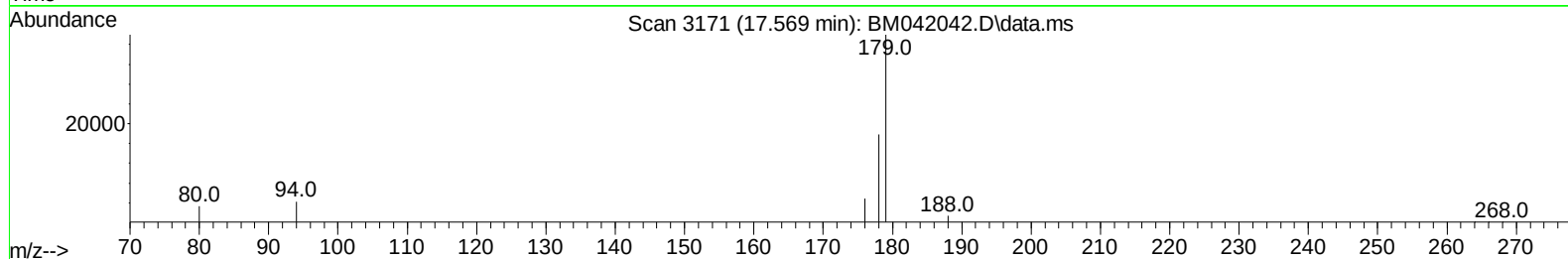
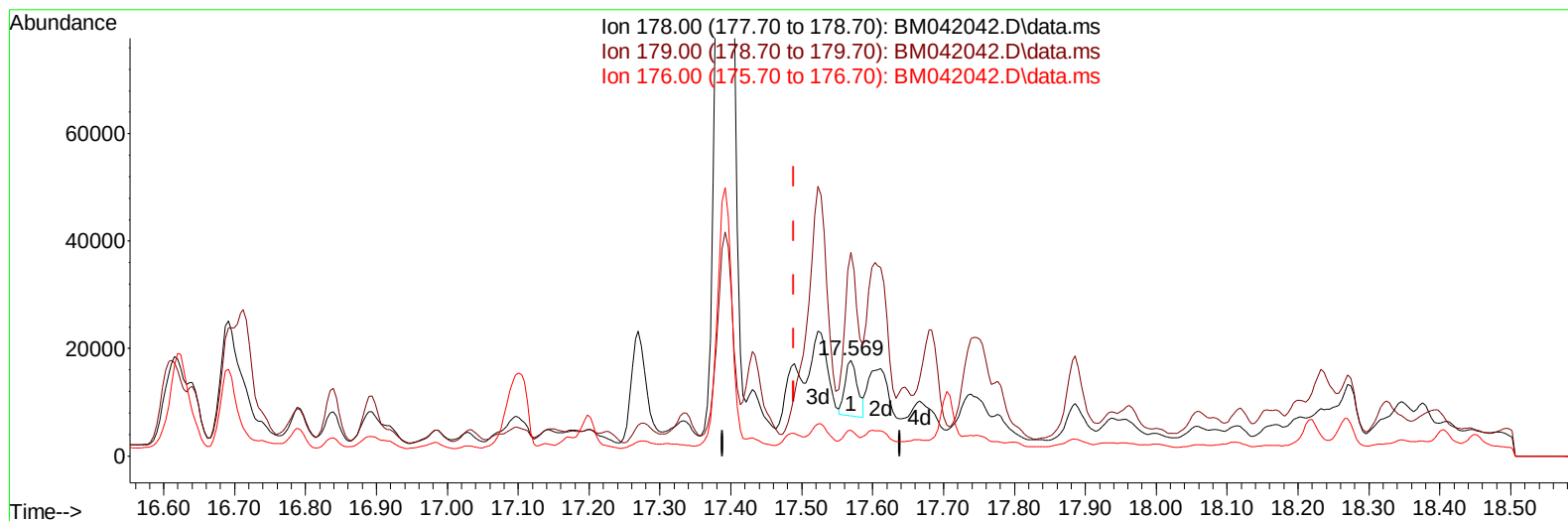
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
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 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

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TIC: BM042042.D\data.ms

(16) Anthracene

17.569min (+ 0.080) 0.31 ng/u1

response 12769

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	212.92#
176.00	20.20	27.09#
0.00	0.00	0.00

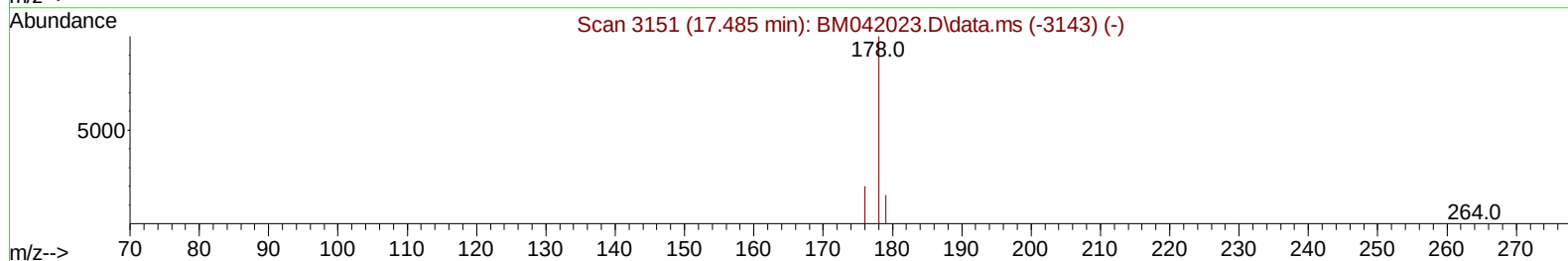
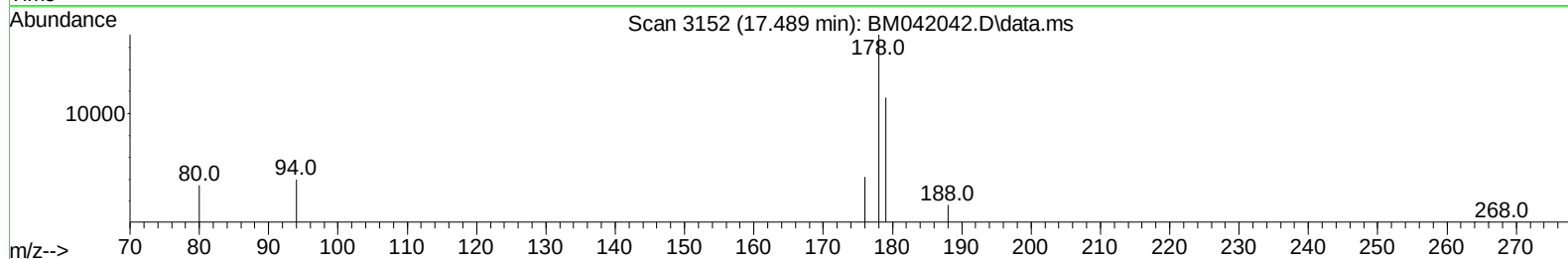
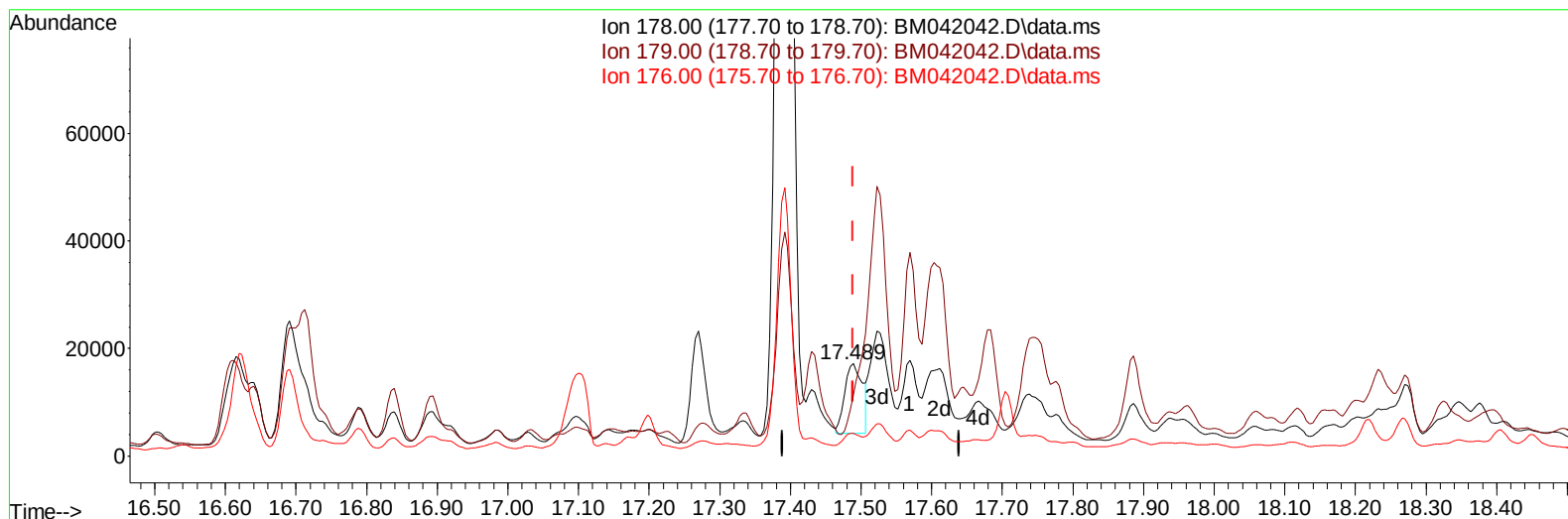
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(16) Anthracene

17.489min (+ 0.000) 0.56 ng/ul m

response 22768

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	66.66#
176.00	20.20	24.74#
0.00	0.00	0.00

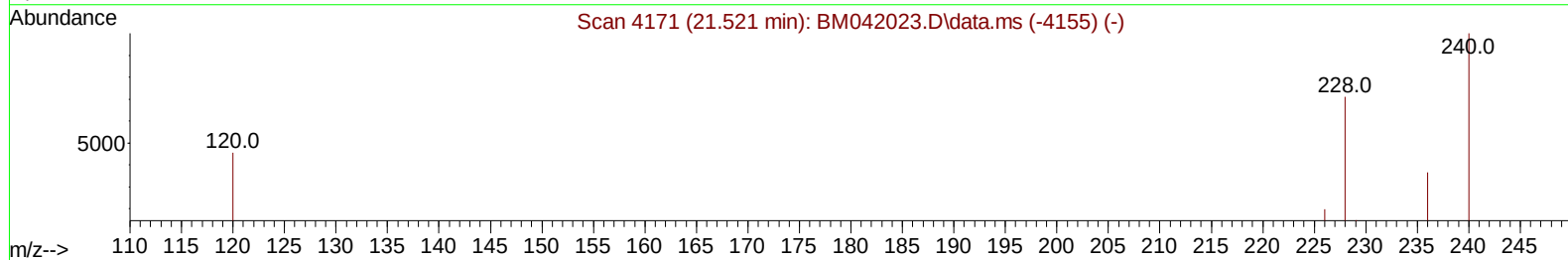
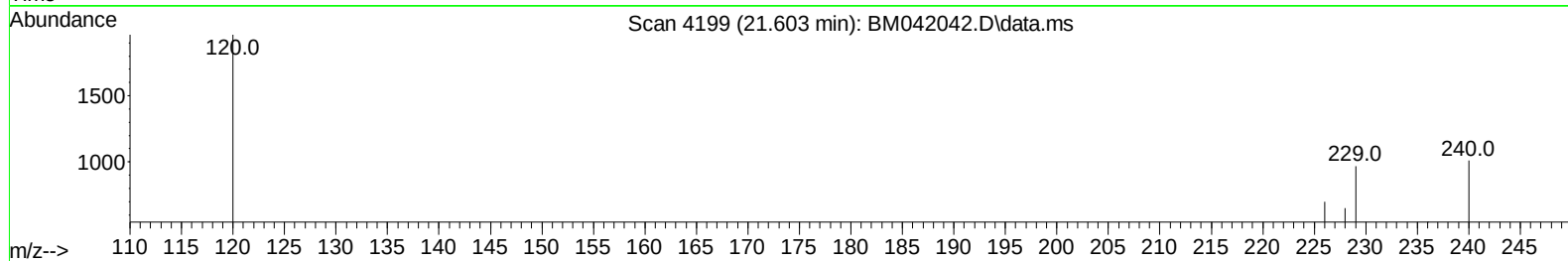
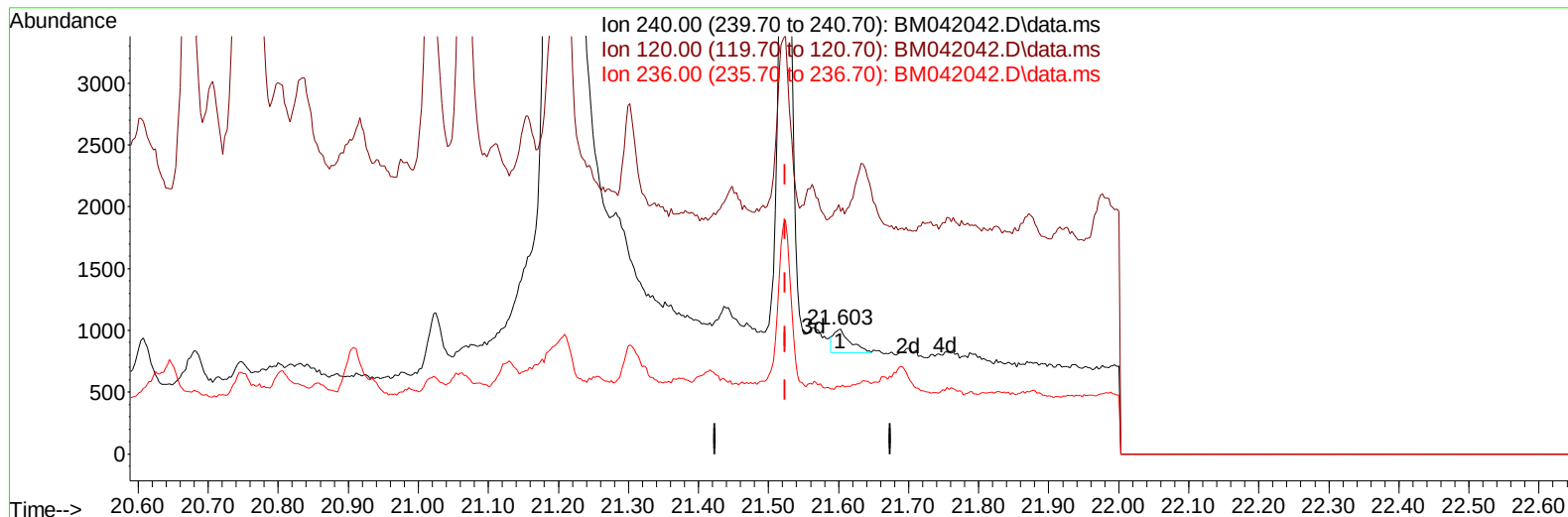
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(17) Chrysene-d12

21.603min (+ 0.079) 0.40 ng/u1

response 315

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	50.40	194.16#
236.00	38.80	53.96#
0.00	0.00	0.00

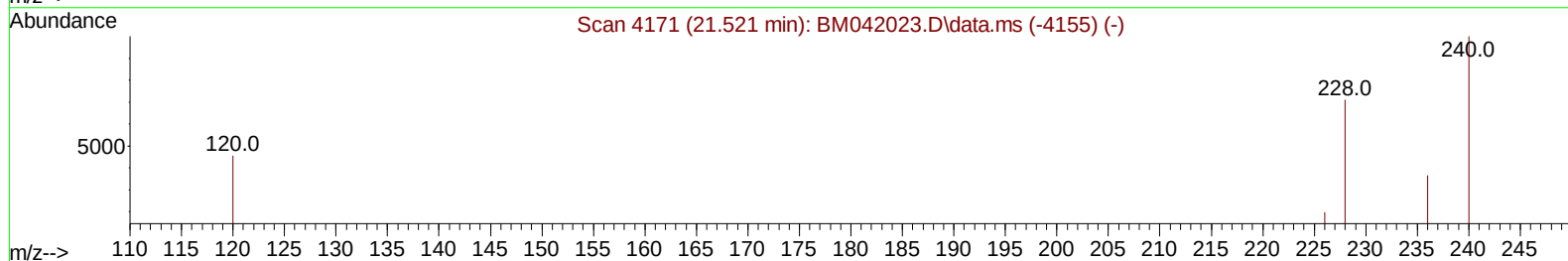
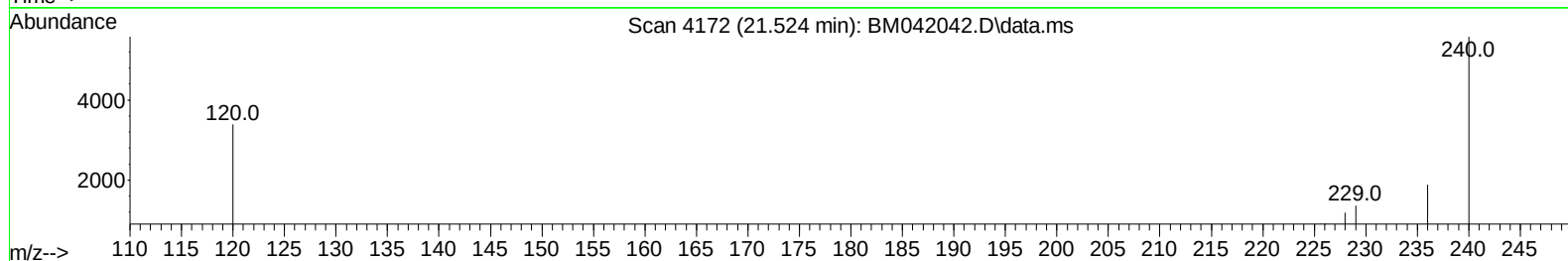
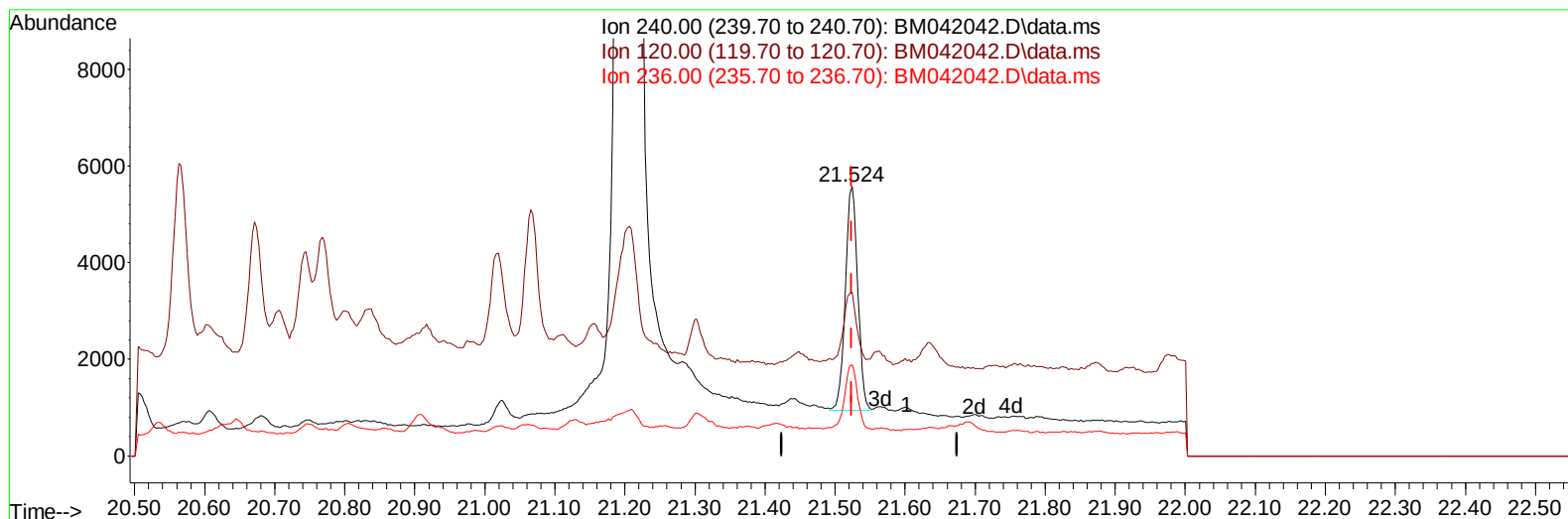
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(17) Chrysene-d12

21.524min (+ 0.000) 0.40 ng/ul m

response 5659

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	50.40	60.74#
236.00	38.80	33.90
0.00	0.00	0.00

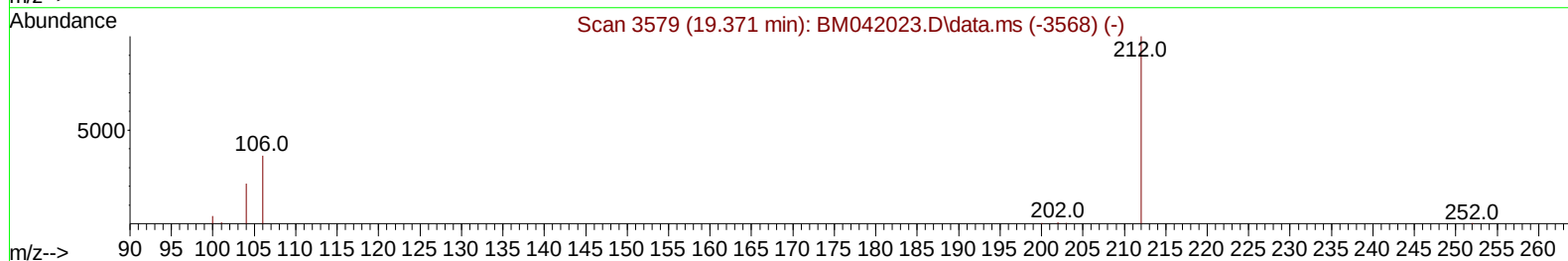
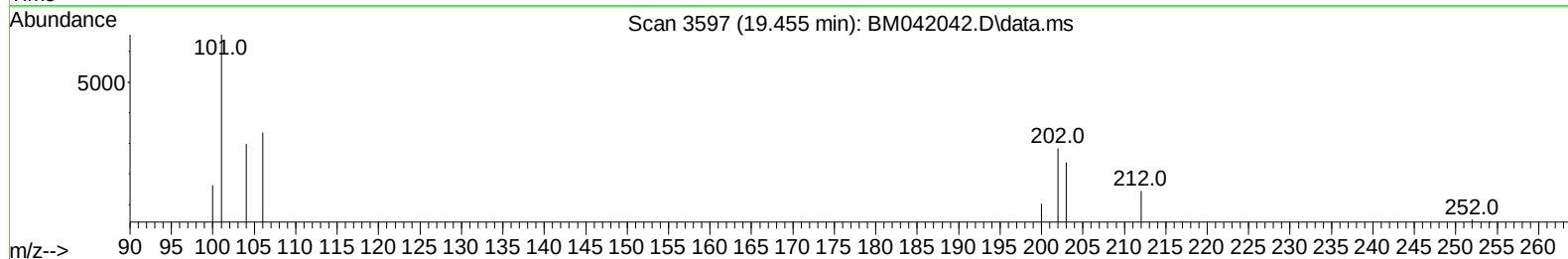
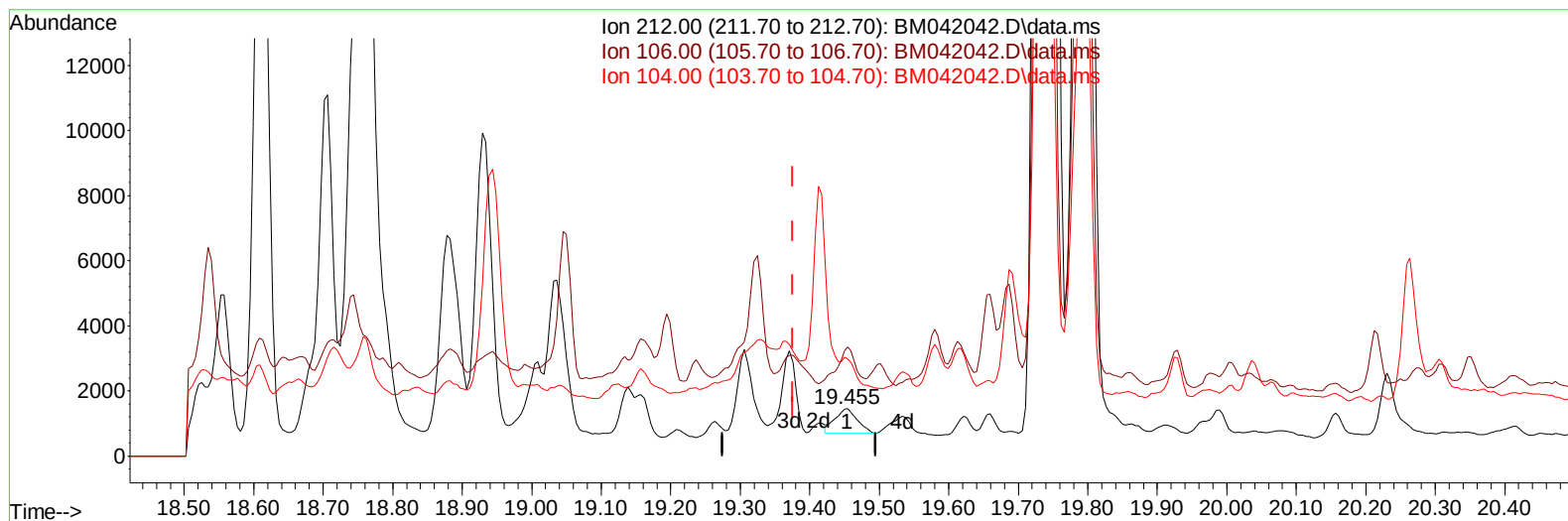
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.455min (+ 0.079) 0.07 ng/u1

response 1696

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	35.20	126.89#
104.00	19.70	0.00#
0.00	0.00	0.00

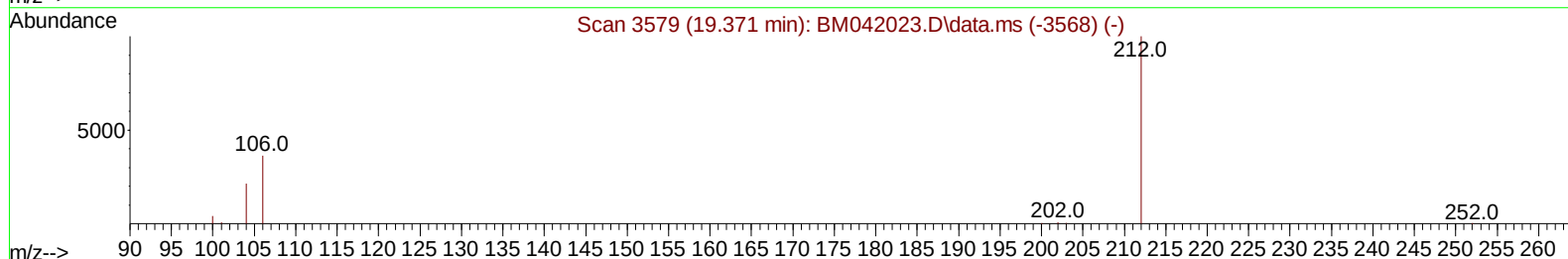
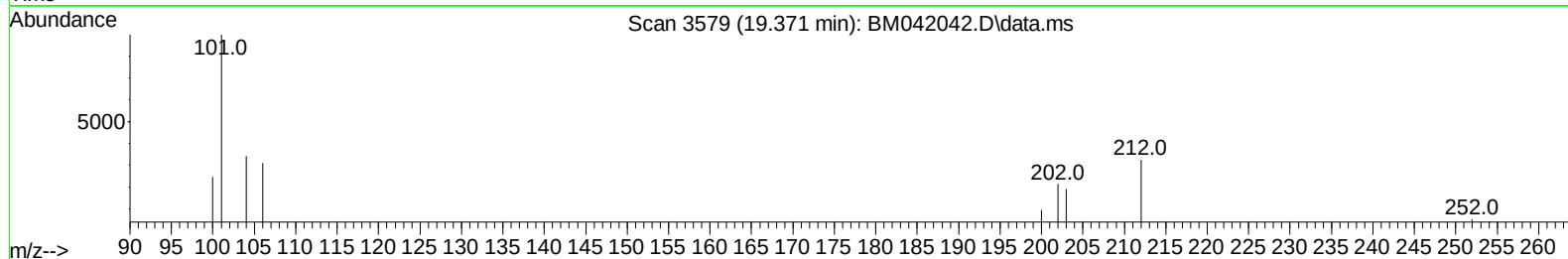
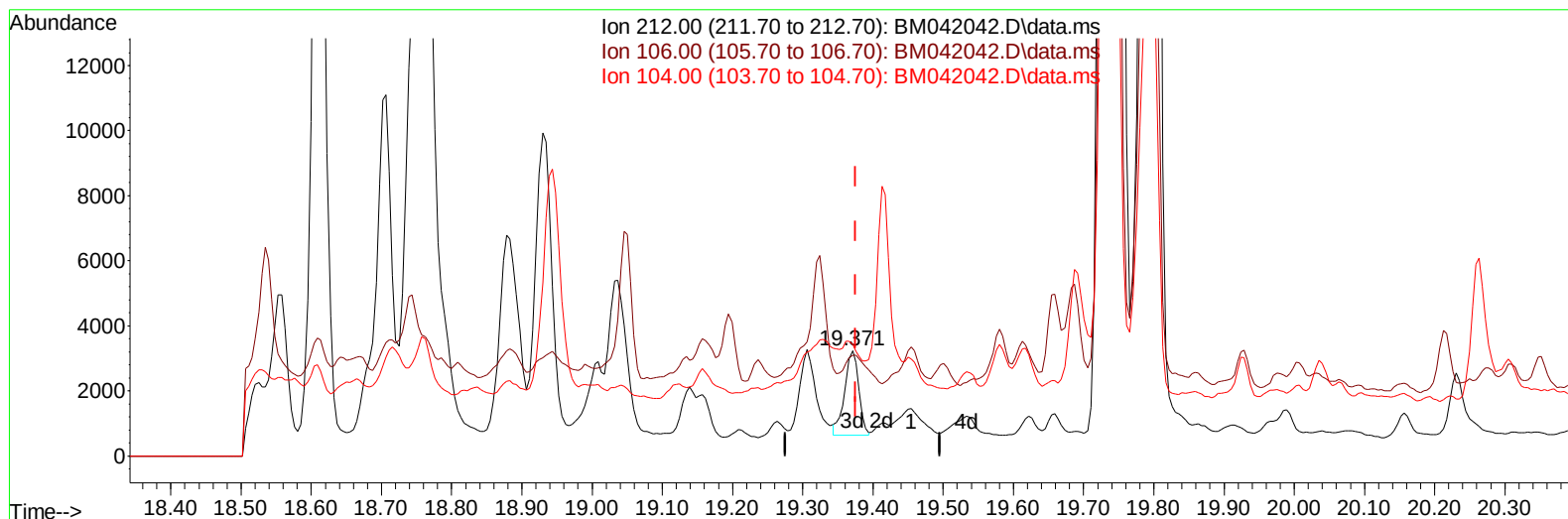
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.371min (-0.005) 0.16 ng/ul m

response 3615

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	35.20	59.53#
104.00	19.70	0.00#
0.00	0.00	0.00

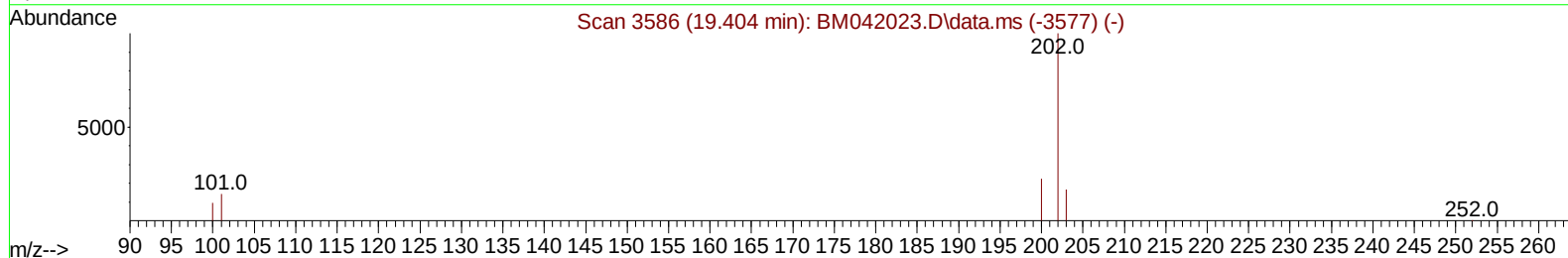
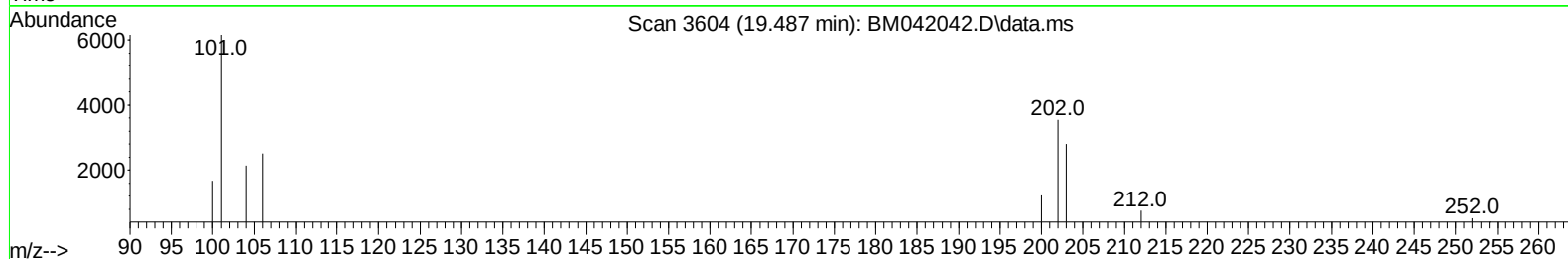
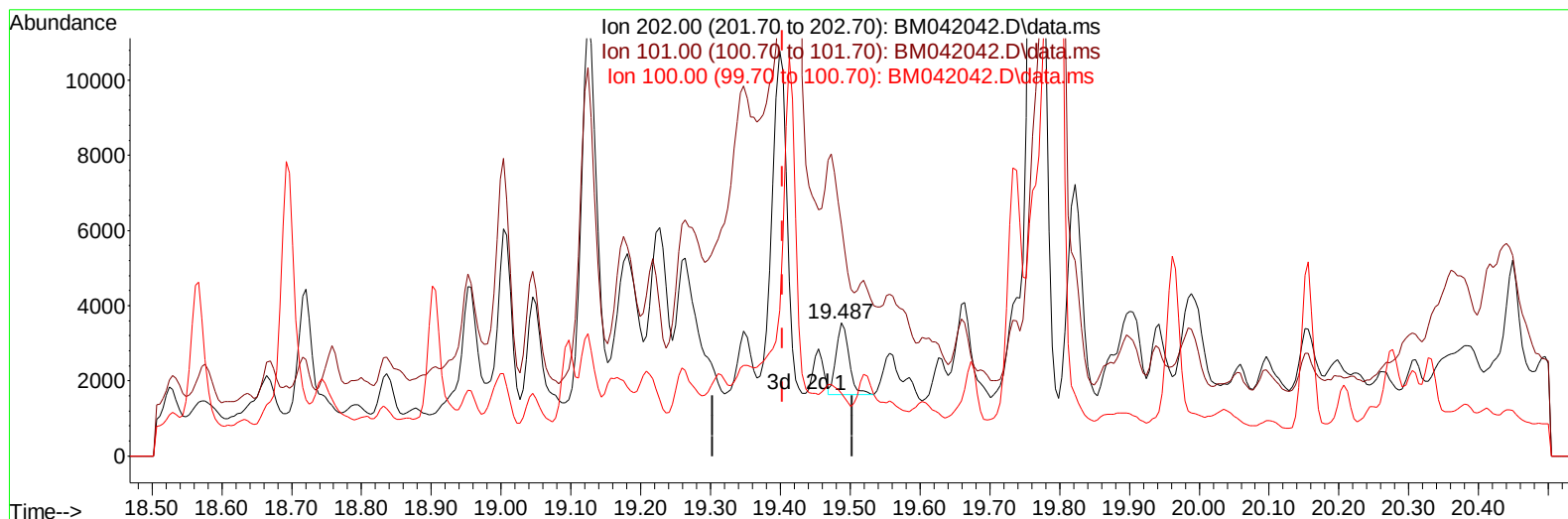
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(19) Fluoranthene (C)

19.487min (+ 0.084) 0.04 ng/u1

response 2406

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	173.88#
100.00	11.40	47.22#
0.00	0.00	0.00

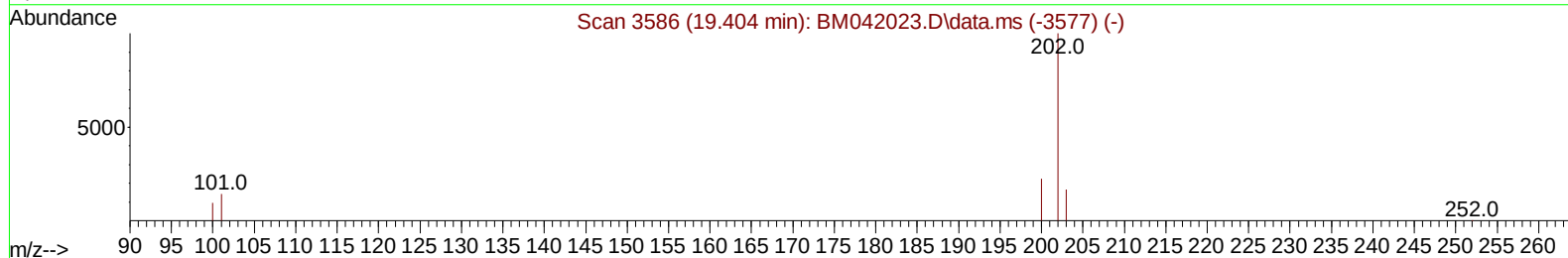
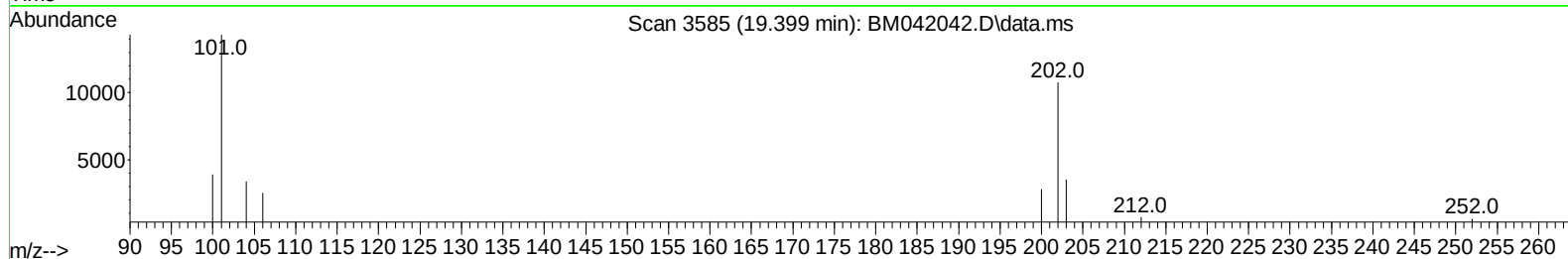
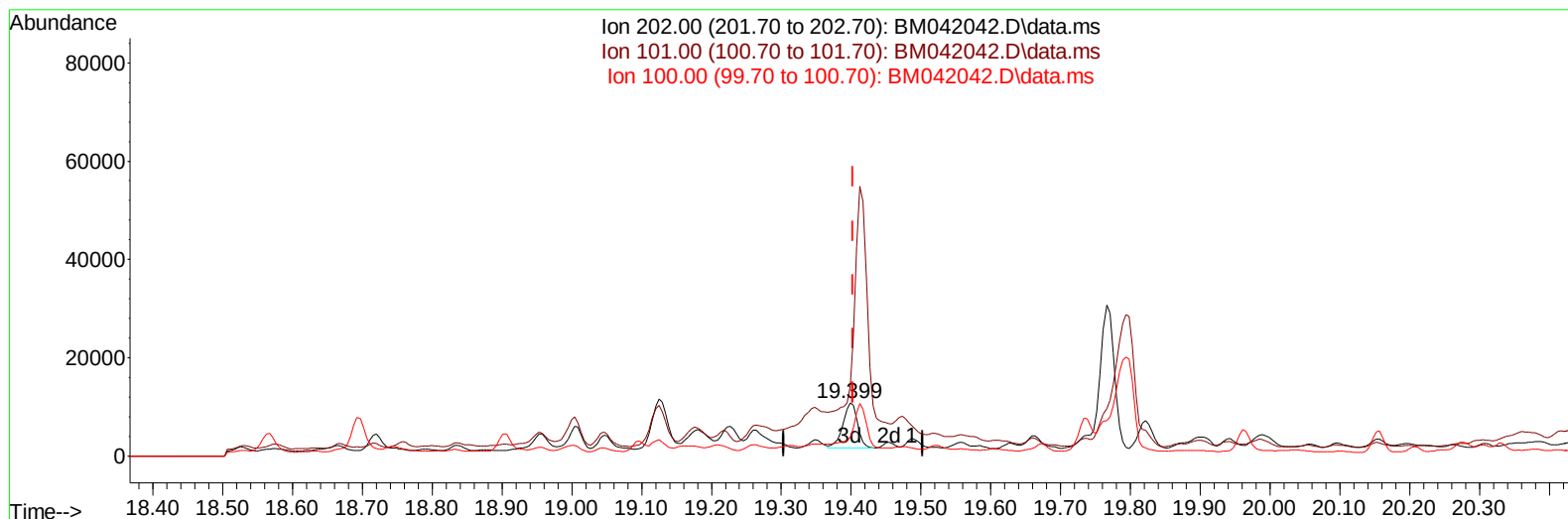
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(19) Fluoranthene (C)

19.399min (-0.005) 0.21 ng/ul m

response 13649

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	132.92#
100.00	11.40	36.08#
0.00	0.00	0.00

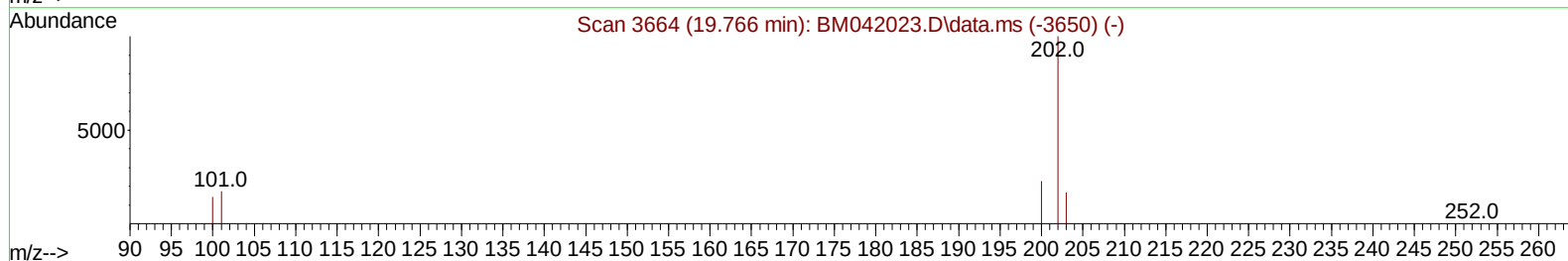
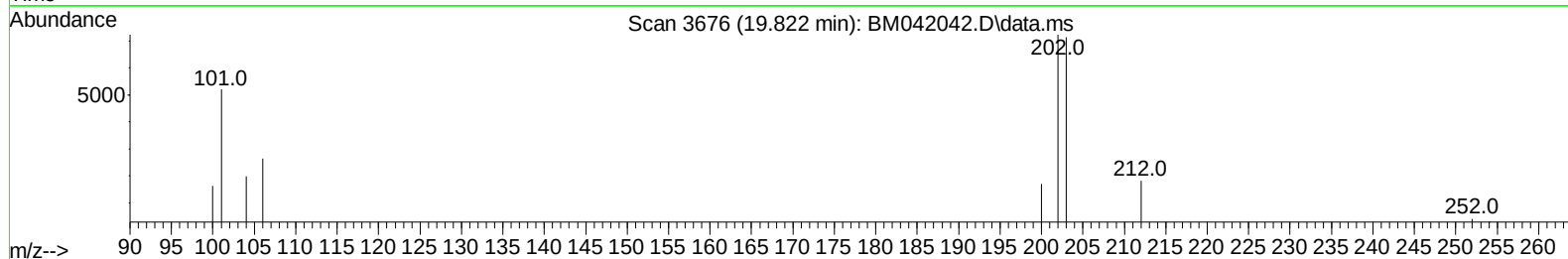
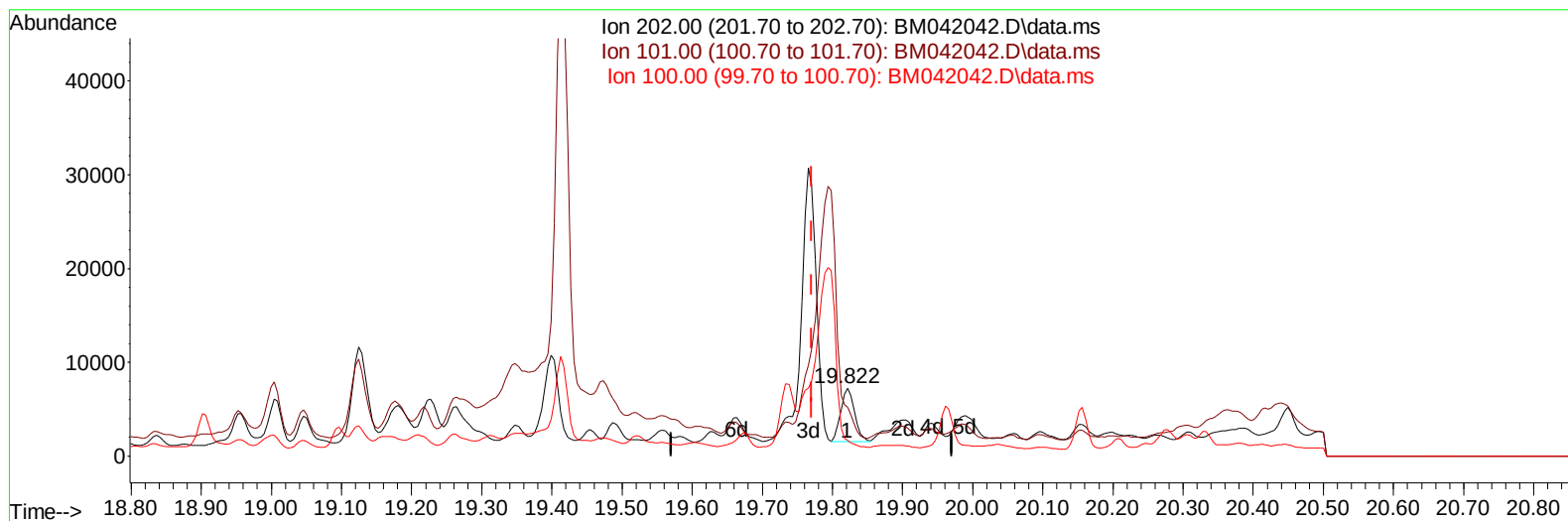
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(20) Pyrene

19.822min (+ 0.051) 0.13 ng/u1

response 7891

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	17.60	71.92#
100.00	14.20	22.64#
0.00	0.00	0.00

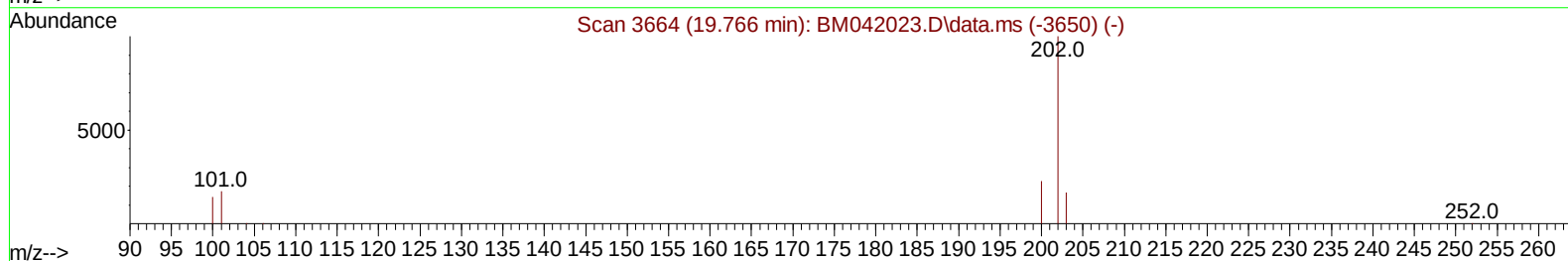
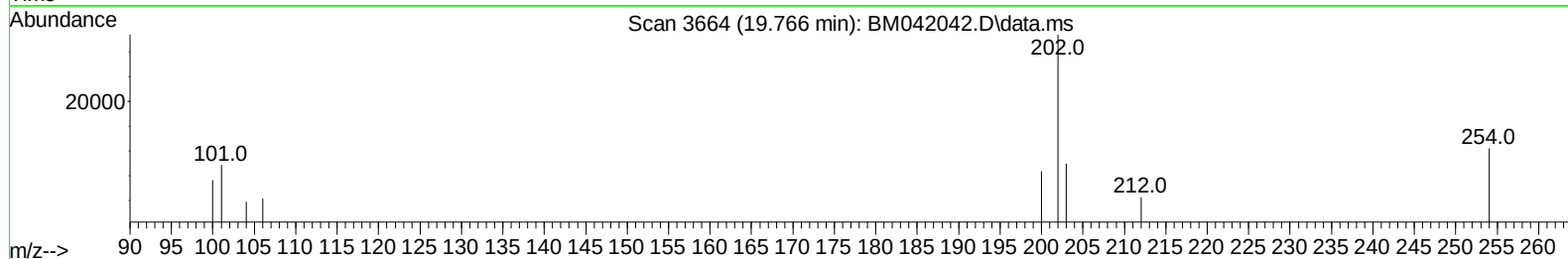
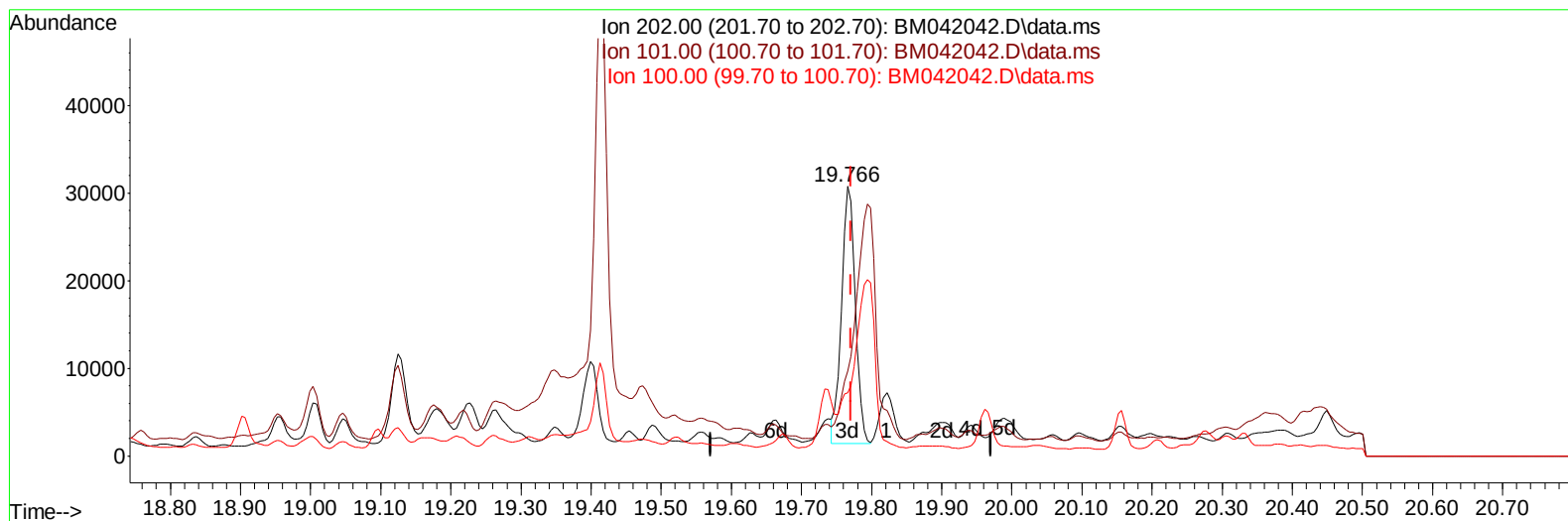
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(20) Pyrene

19.766min (-0.005) 0.64 ng/ul m

response 40298

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	17.60	31.53#
100.00	14.20	23.44#
0.00	0.00	0.00

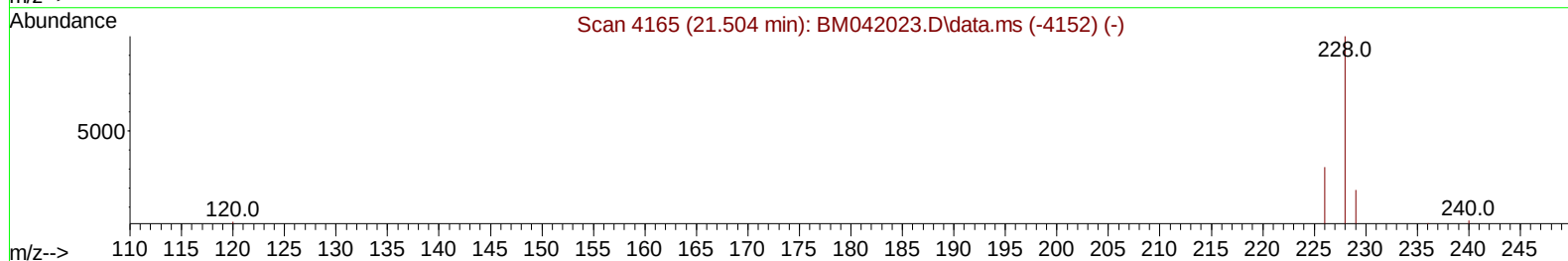
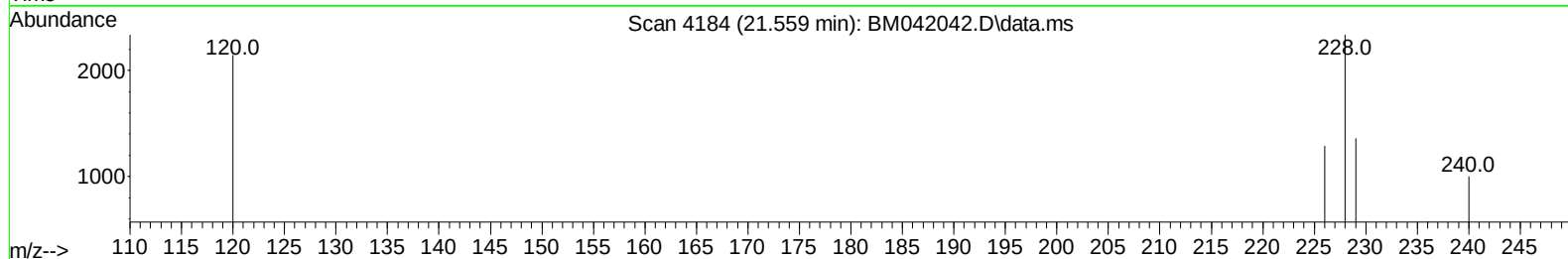
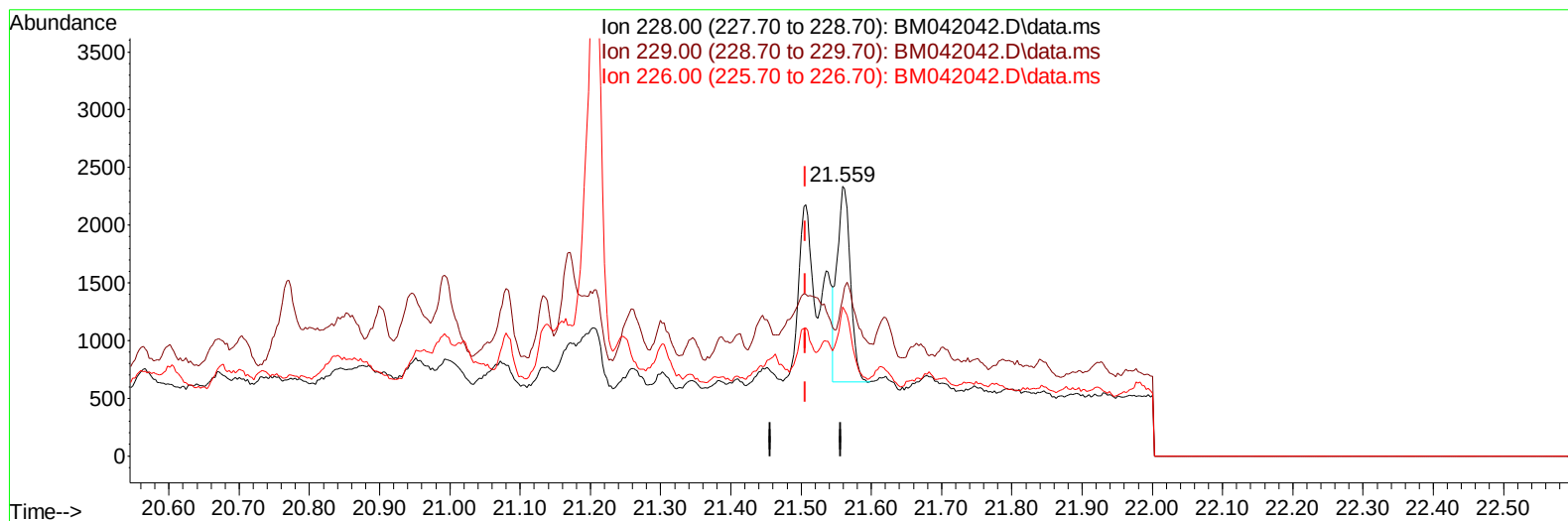
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

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Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(21) Benzo(a)anthracene

21.559min (+ 0.053) 0.05 ng/u1

response 2216

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	58.29#
226.00	31.00	55.25#
0.00	0.00	0.00

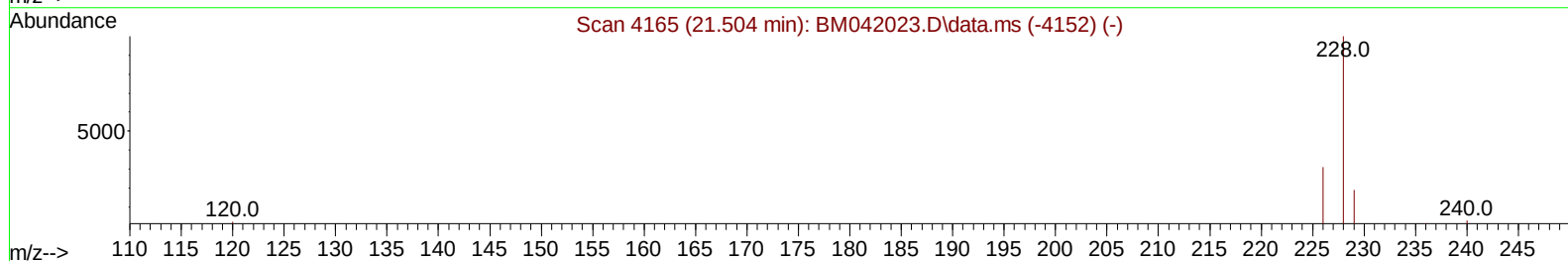
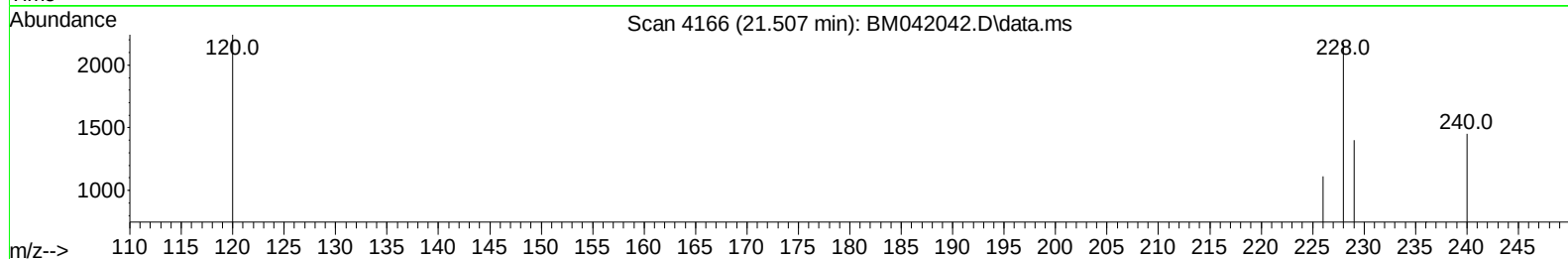
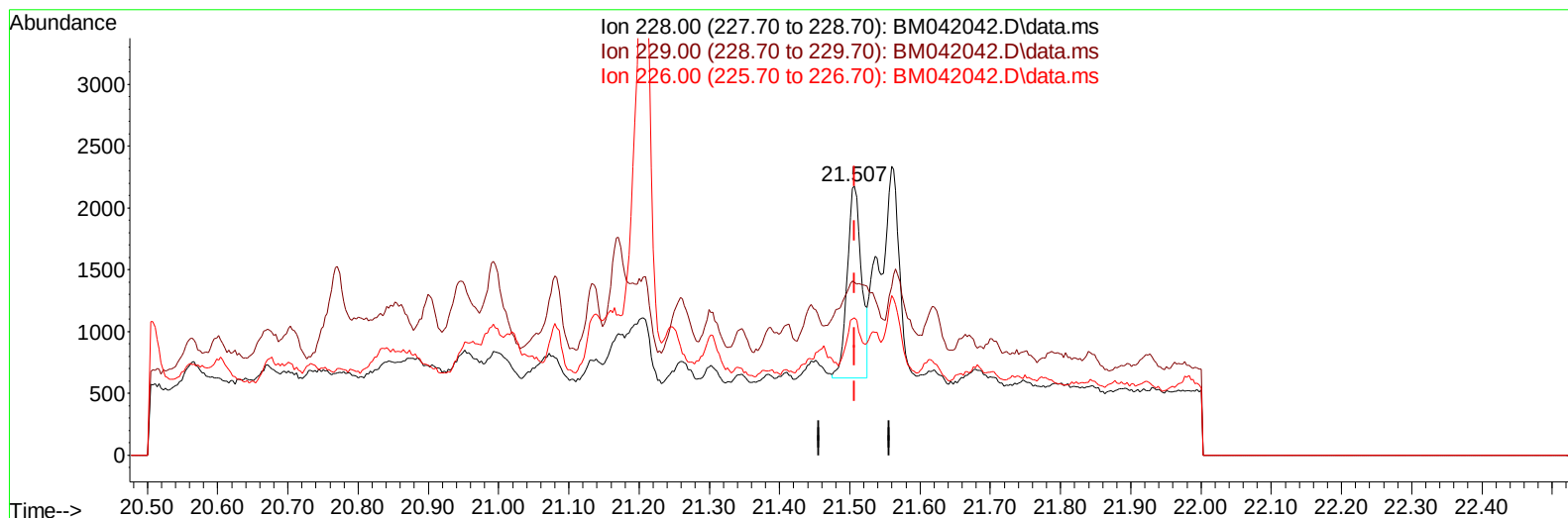
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(21) Benzo(a)anthracene

21.507min (+ 0.000) 0.05 ng/ul m

response 2199

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	64.29#
226.00	31.00	51.06#
0.00	0.00	0.00

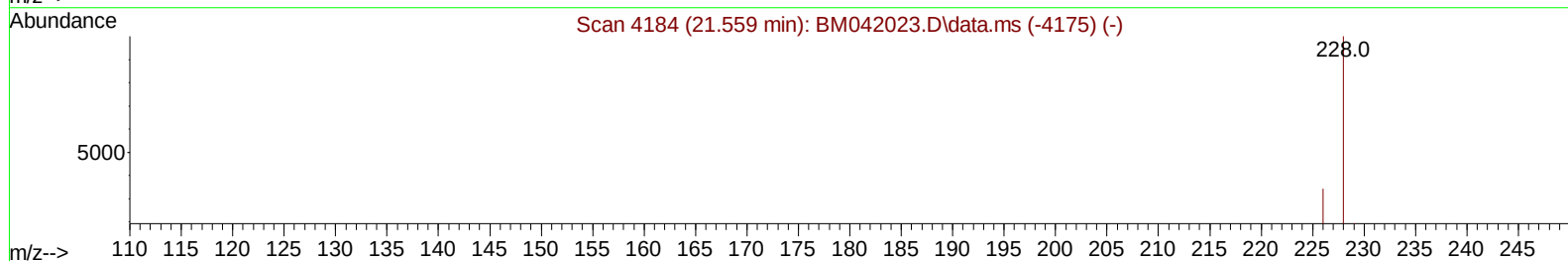
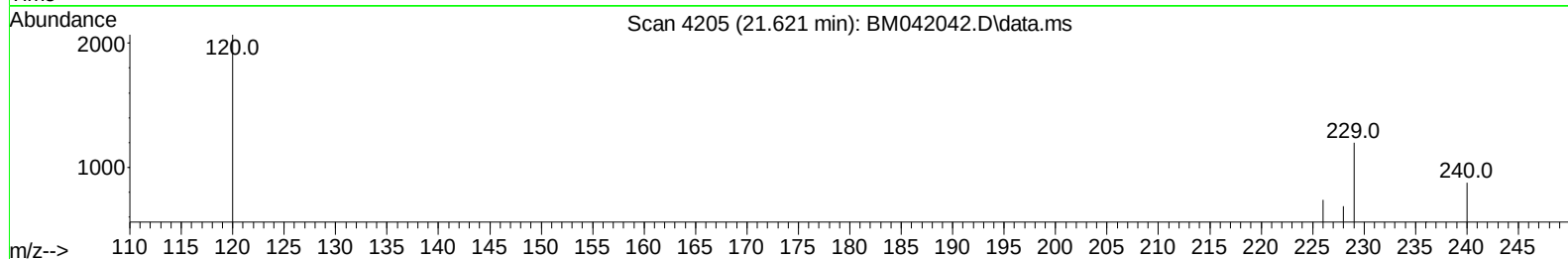
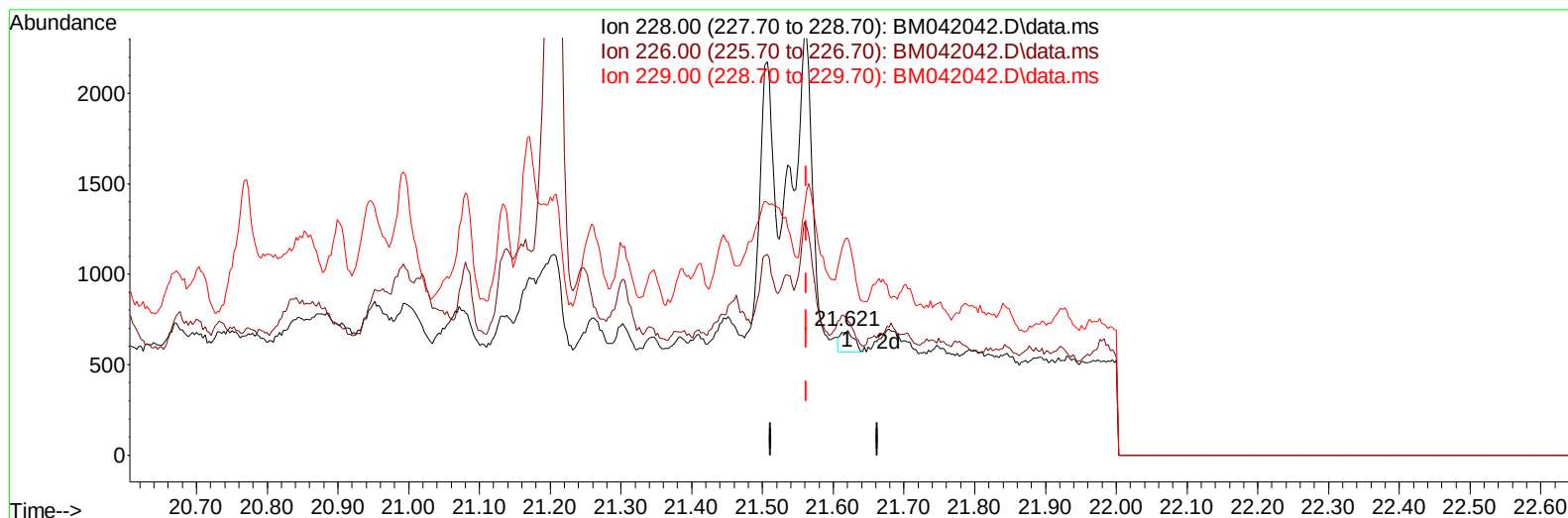
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(22) Chrysene

21.621min (+ 0.058) 0.00 ng/u1

response 154

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.70	107.39#
229.00	19.50	173.62#
0.00	0.00	0.00

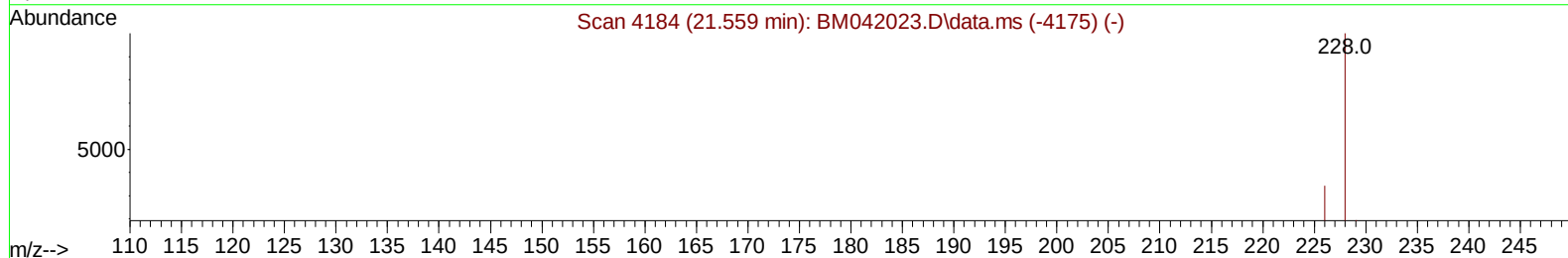
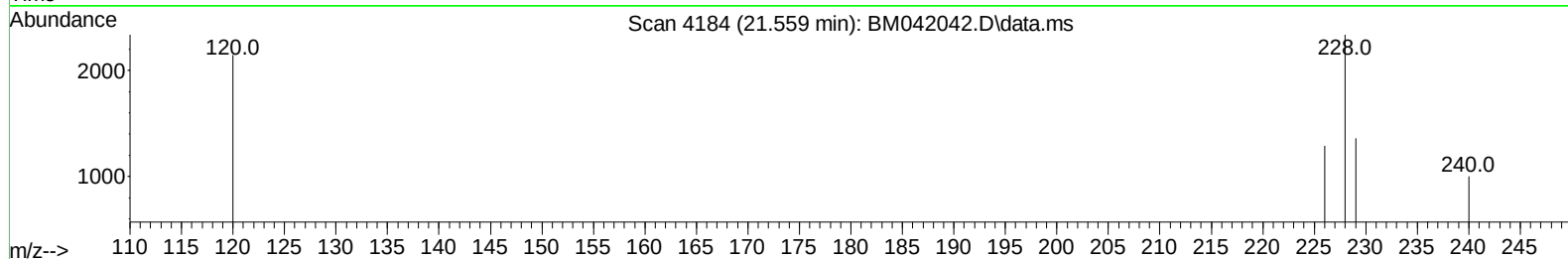
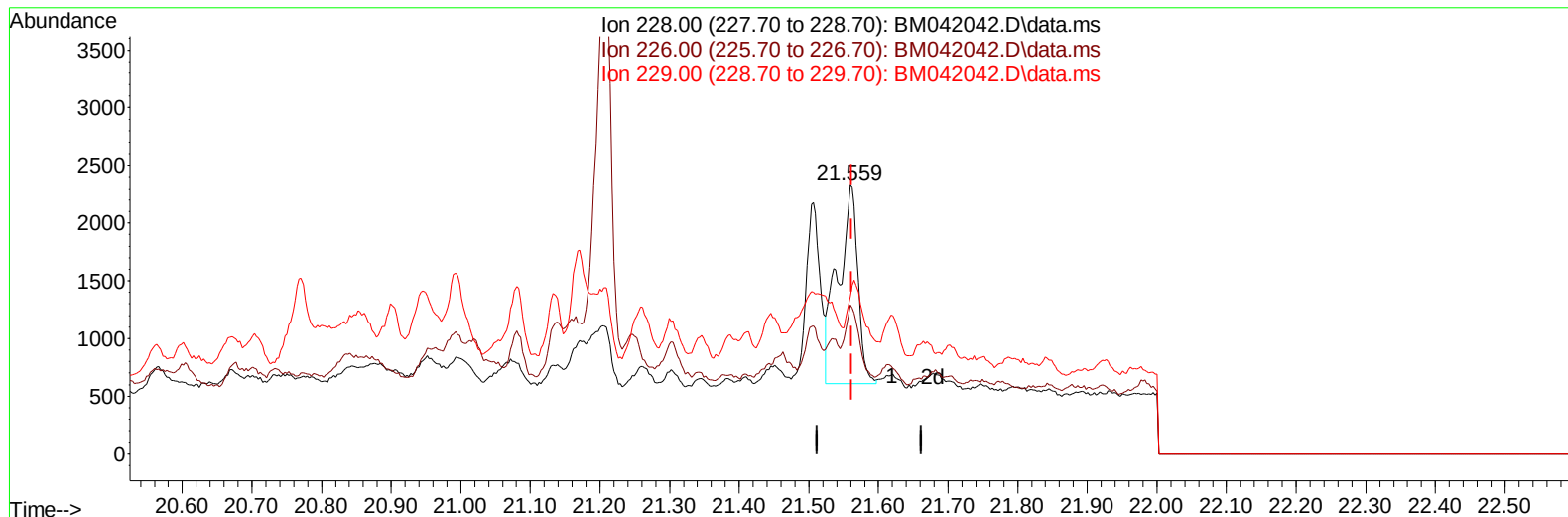
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042042.D
Acq On : 25 Sep 2023 21:00
Operator : MA/JU
Sample : 04429-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(22) Chrysene

21.559min (-0.003) 0.08 ng/ul m

response 3384

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.70	55.25#
229.00	19.50	58.29#
0.00	0.00	0.00

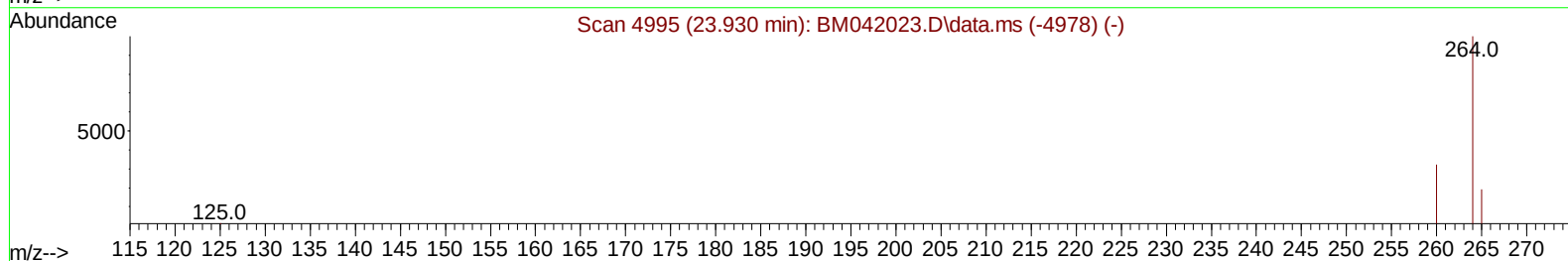
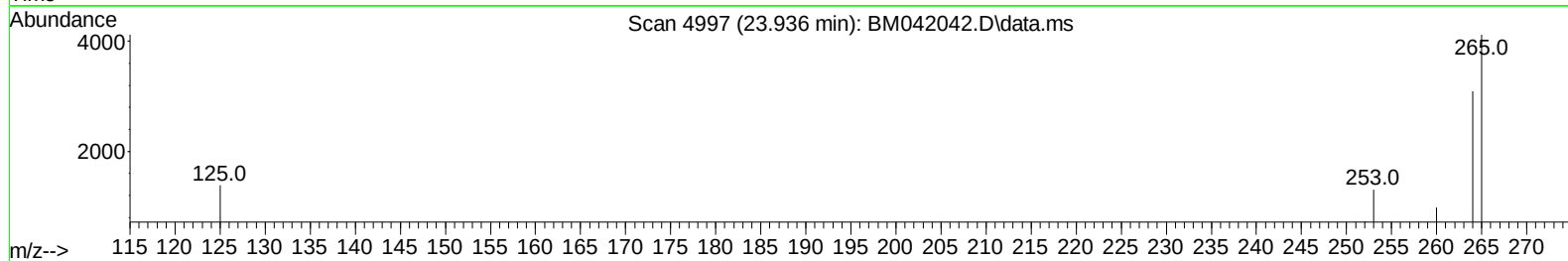
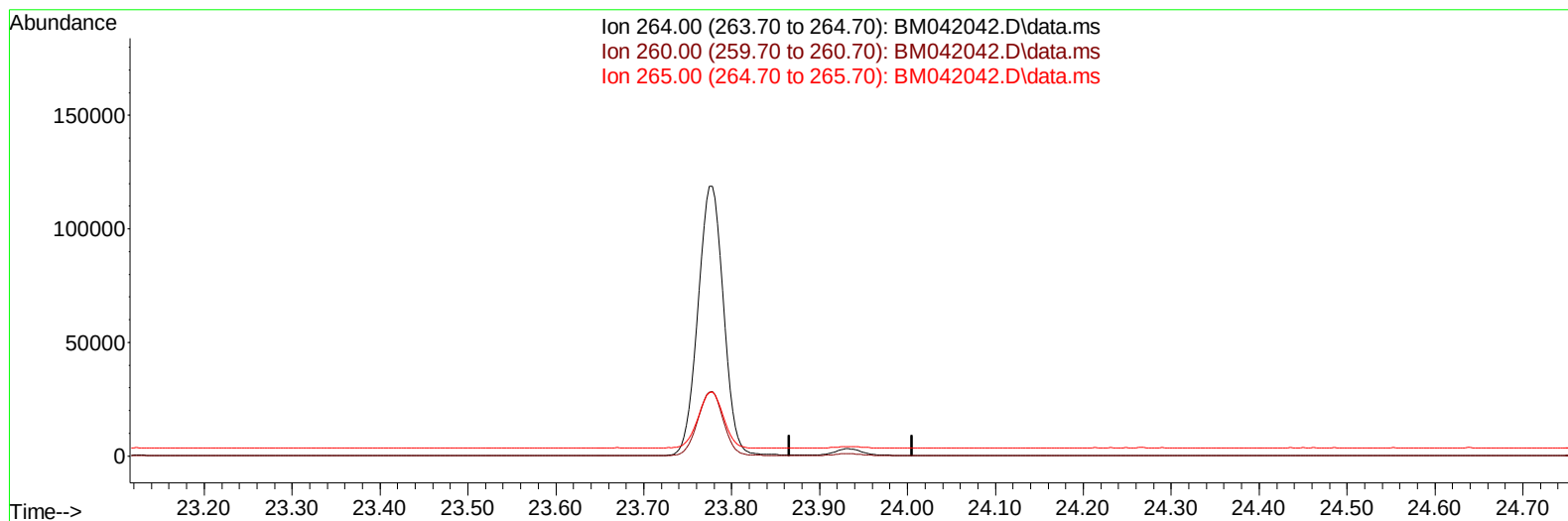
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042042.D\data.ms

(23) Perylene-d12 (I)

23.936min (-23.936) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	33.20	0.00#
265.00	124.10	0.00#
0.00	0.00	0.00

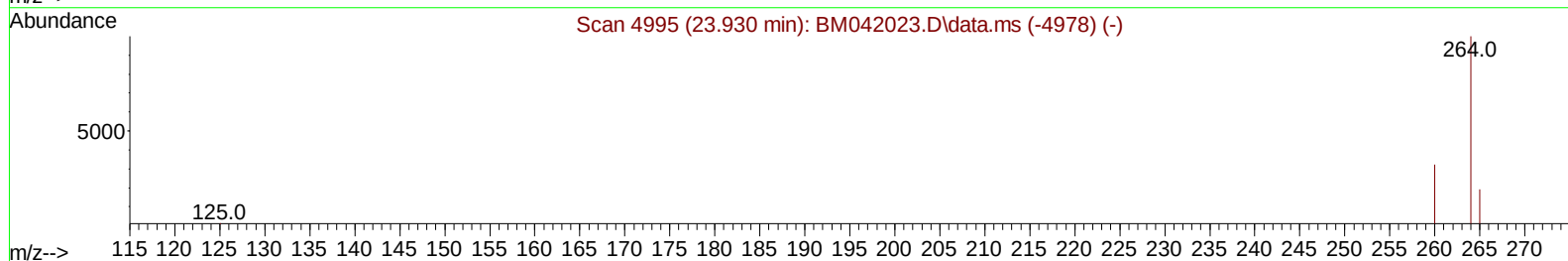
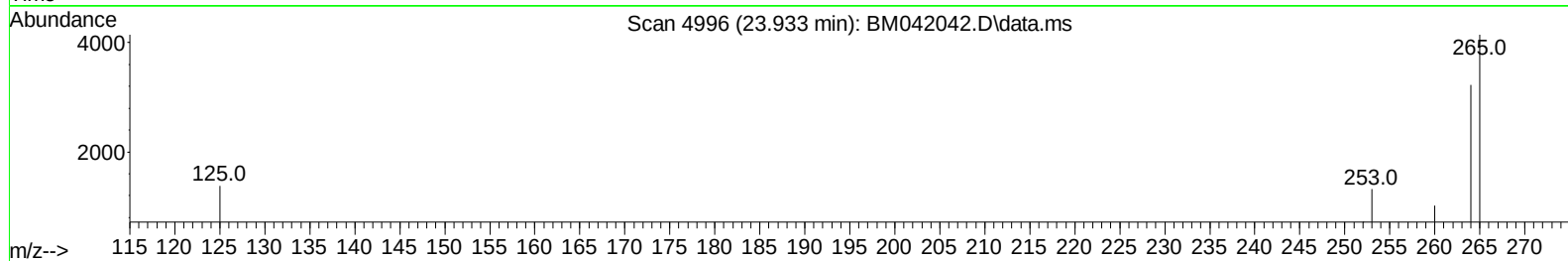
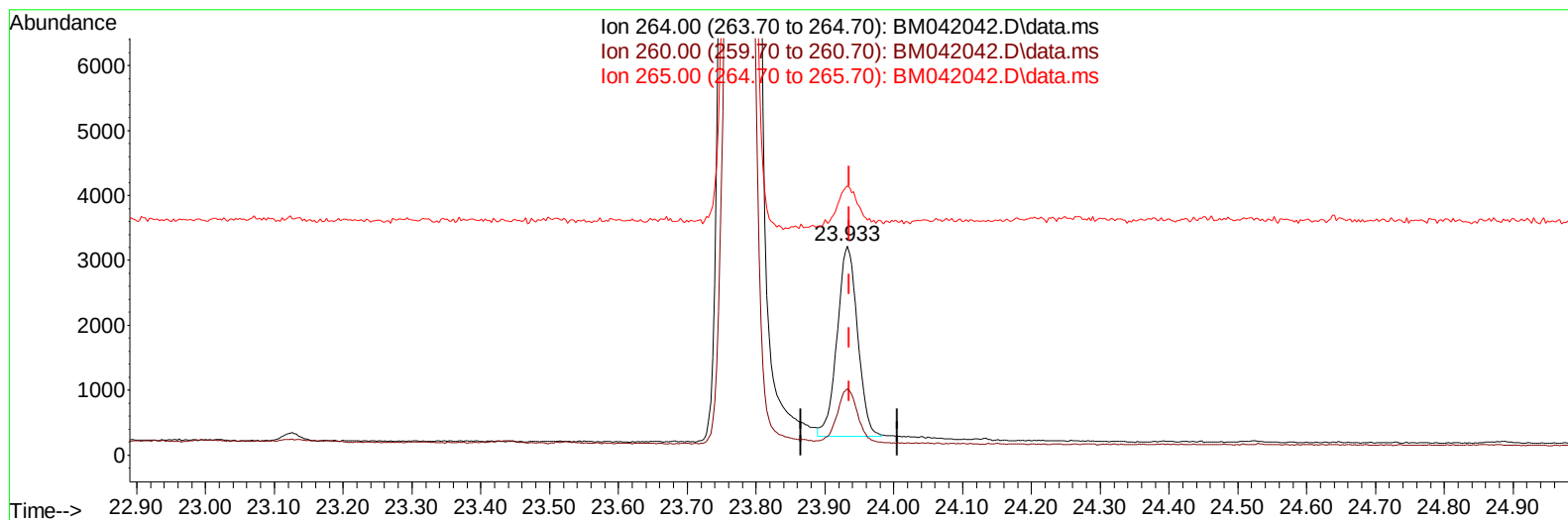
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BM042042.D\data.ms

(23) Perylene-d12 (I)

23.933min (-0.003) 0.40 ng/ul m

response 6050

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.20	31.69
265.00	124.10	128.62
0.00	0.00	0.00

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 Data File : BM042042.D
 Acq On : 25 Sep 2023 21:00
 Operator : MA/JU
 Sample : 04429-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBBL9

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4537	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	9195m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5326m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10201m	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	5659m	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	6050m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21599	3.494	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3907	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	3615m	0.155	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	104439	16.056	ng/ul#	85
5) Naphthalene	10.818	128	1243162	40.358	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	1003637	54.658	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	1155920	62.007	ng/ul	98
10) Acenaphthylene	14.310	152	26714m	0.749	ng/ul	
11) Acenaphthene	14.661	153	92785m	3.393	ng/ul	
12) Fluorene	15.647	166	149076m	4.837	ng/ul	
14) Pentachlorophenol	16.982	266	48223m	8.938	ng/ul	
15) Phenanthrene	17.392	178	327808	6.929	ng/ul	98
16) Anthracene	17.489	178	22768m	0.557	ng/ul	
19) Fluoranthene	19.399	202	13649m	0.213	ng/ul	
20) Pyrene	19.766	202	40298m	0.641	ng/ul	
21) Benzo(a)anthracene	21.507	228	2199m	0.051	ng/ul	
22) Chrysene	21.559	228	3384m	0.076	ng/ul	
24) Benzo(b)fluoranthene	23.190	252	1472	0.032	ng/ul#	1

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

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