

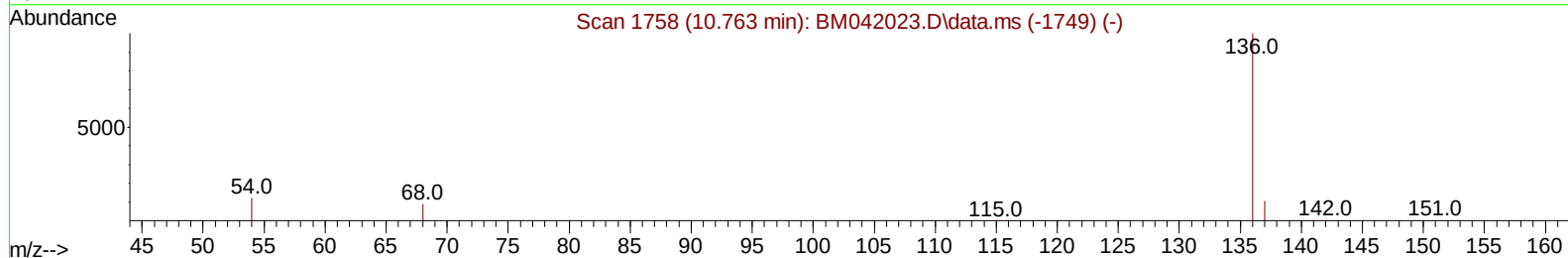
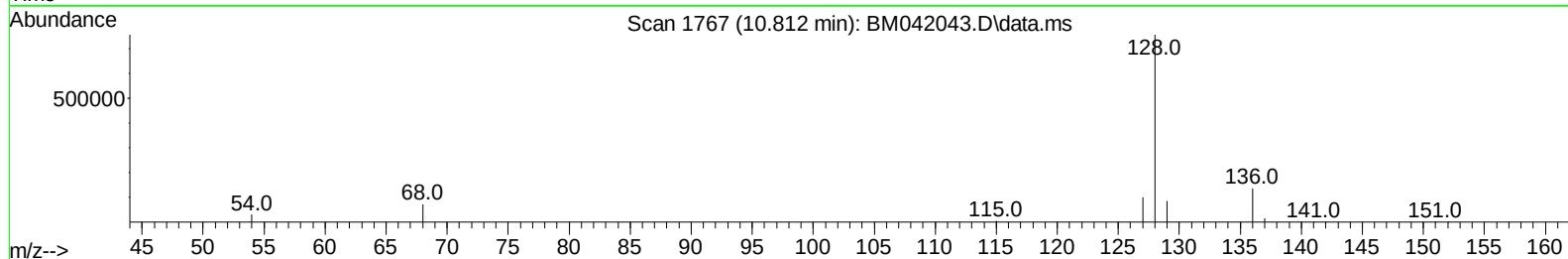
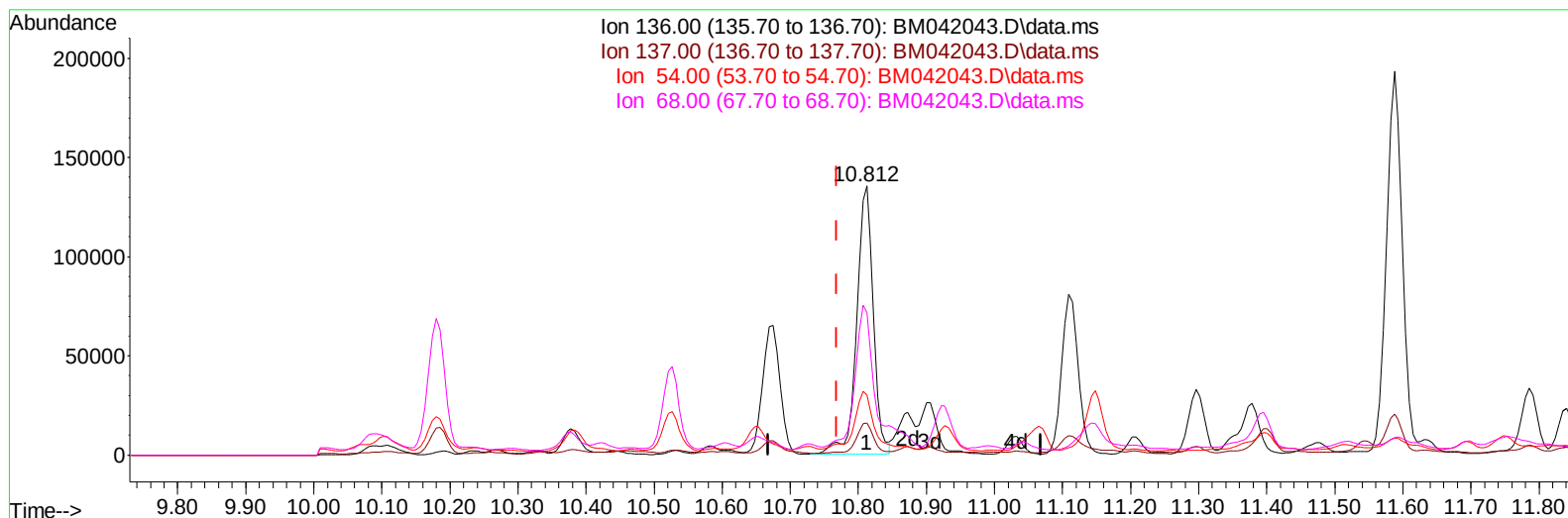
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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: BM042043.D\data.ms

(4) Naphthalene-d8 (I)

10.812min (+ 0.044) 0.40 ng/u1

response 231998

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.40	12.02
54.00	13.20	22.24#
68.00	9.70	53.03#

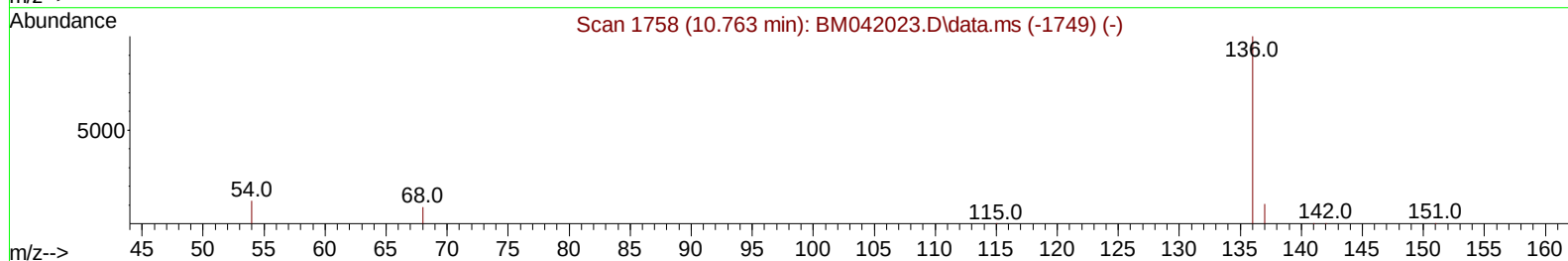
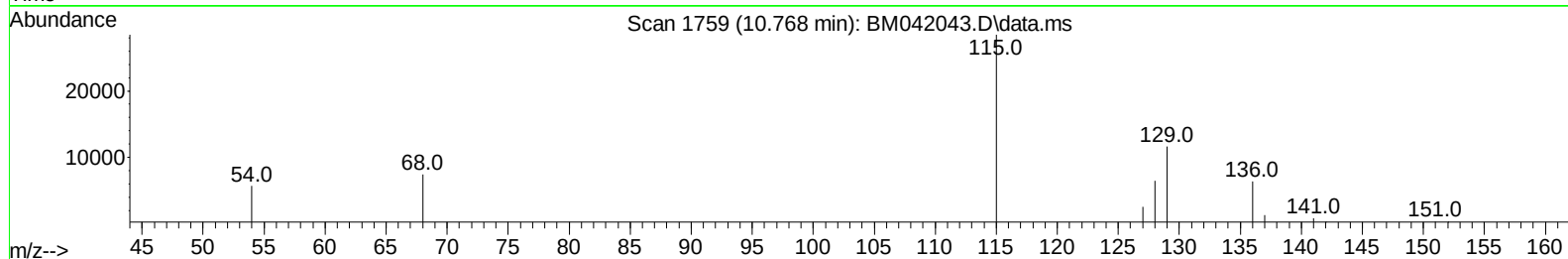
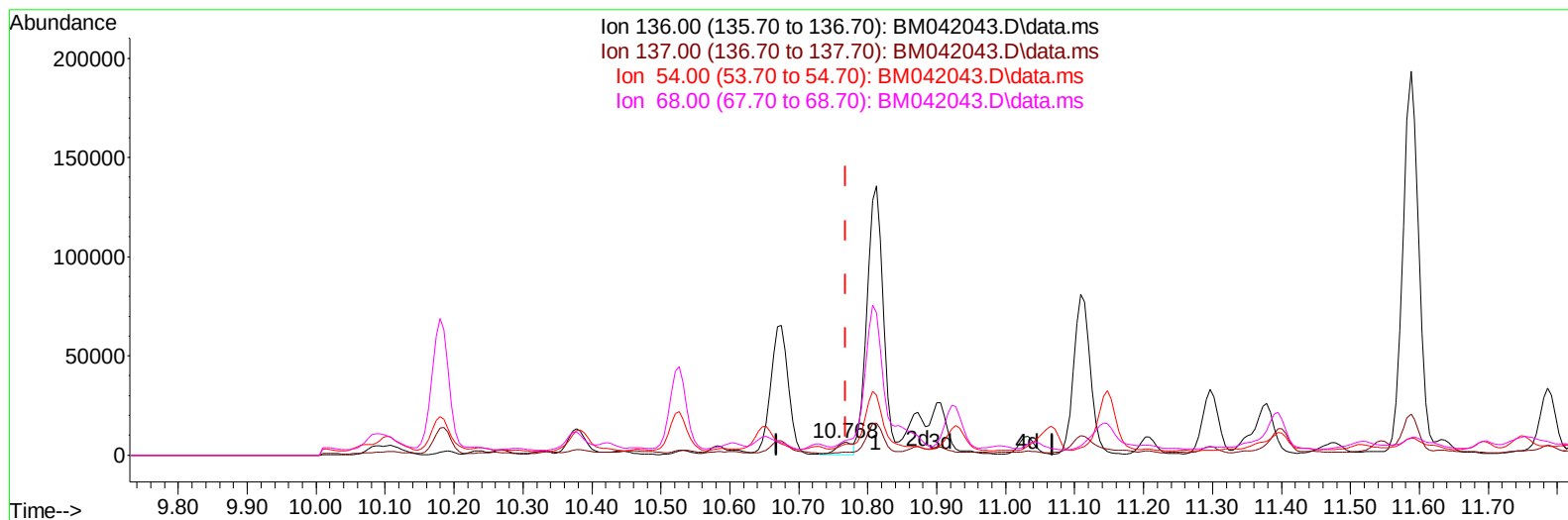
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

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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: BM042043.D\data.ms

(4) Naphthalene-d8 (I)

10.768min (+ 0.000) 0.40 ng/ul m

response 11133

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.40	21.87#
54.00	13.20	88.55#
68.00	9.70	116.48#

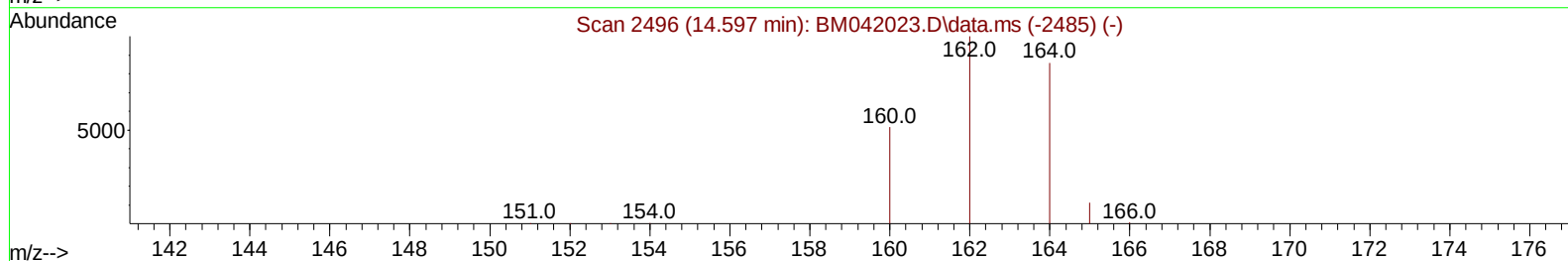
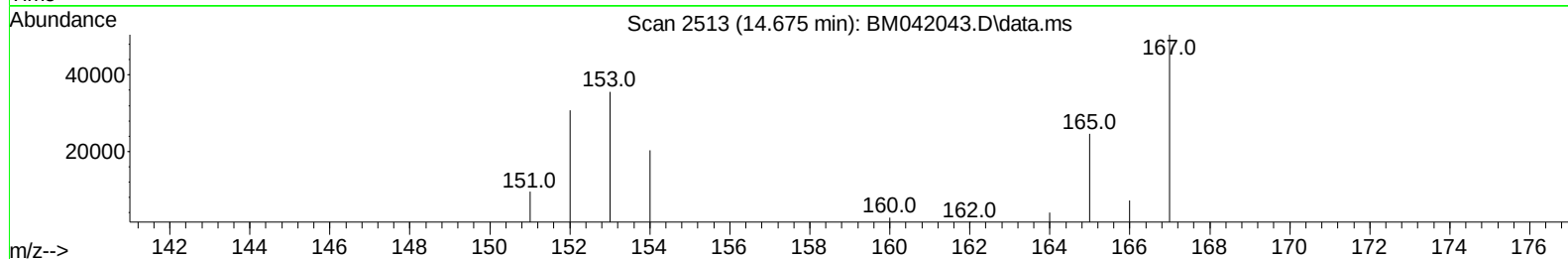
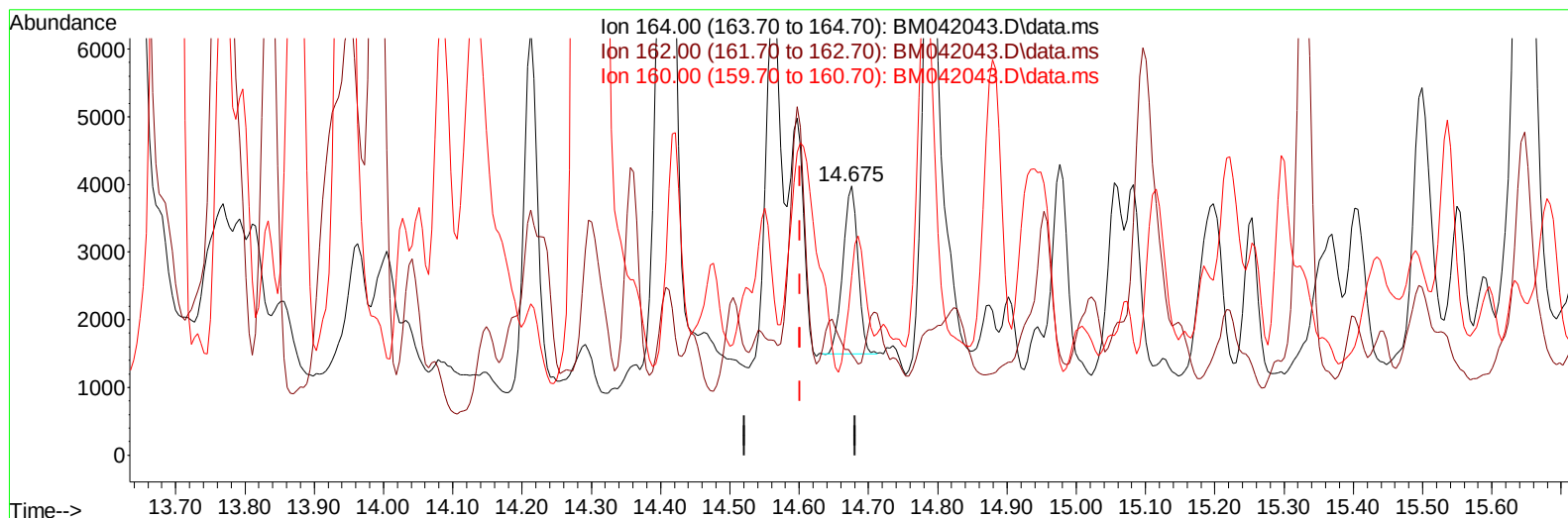
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

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TIC: BM042043.D\data.ms

(9) Acenaphthene-d10 (I)

14.675min (+ 0.074) 0.40 ng/u1

response 3642

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	37.29#
160.00	59.20	66.58
0.00	0.00	0.00

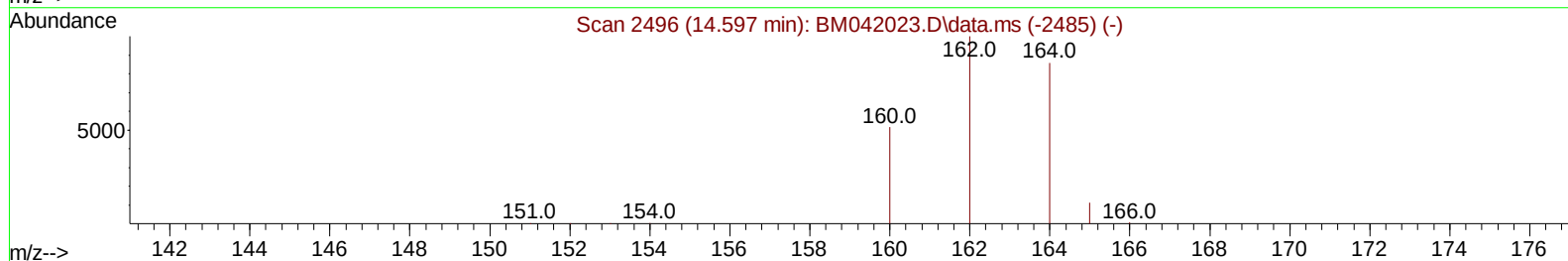
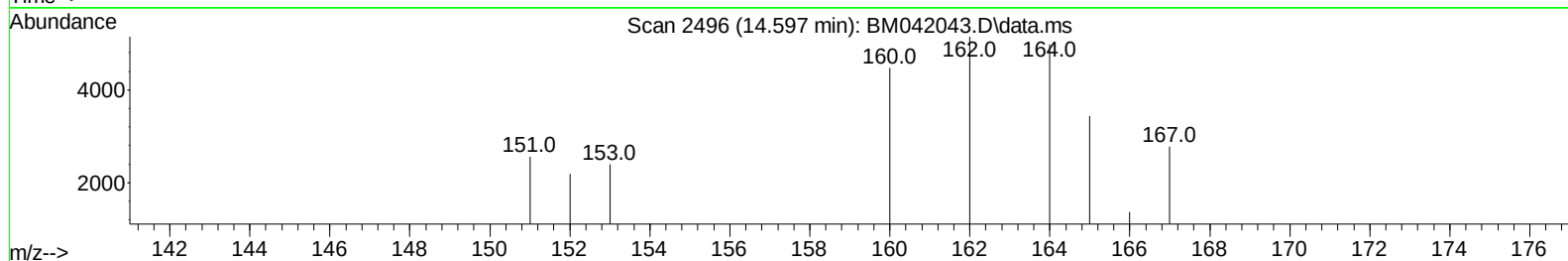
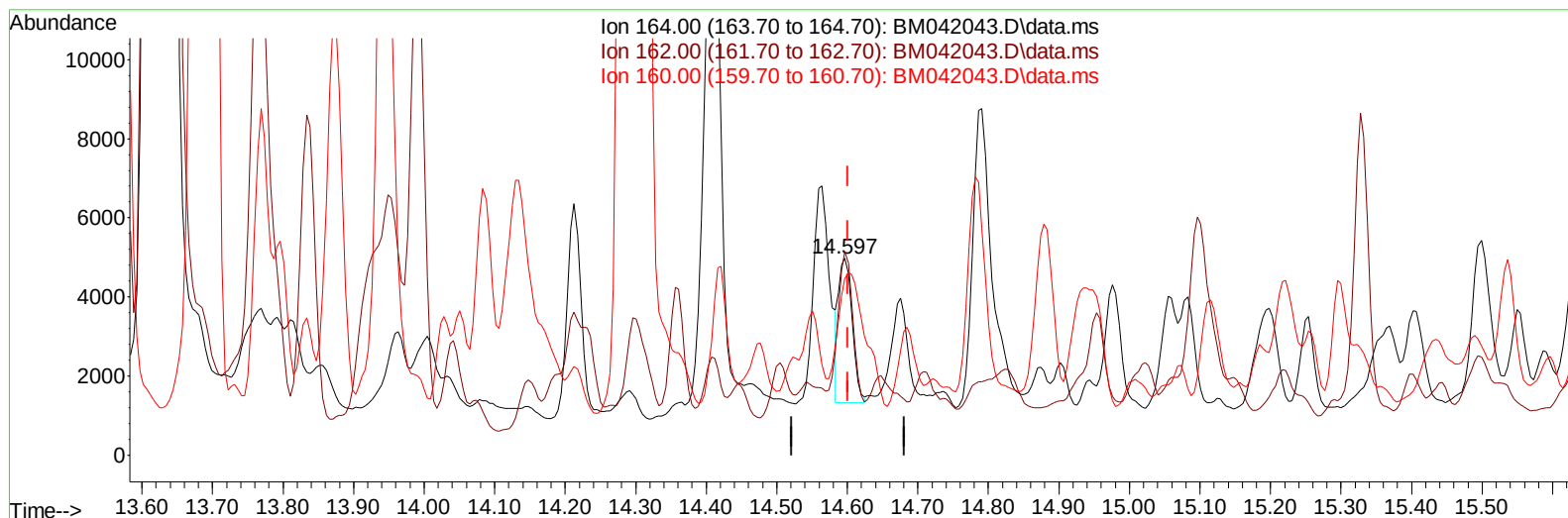
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

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



TIC: BM042043.D\data.ms

(9) Acenaphthene-d10 (I)

14.597min (-0.004) 0.40 ng/ul m

response 4872

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	103.33
160.00	59.20	89.76#
0.00	0.00	0.00

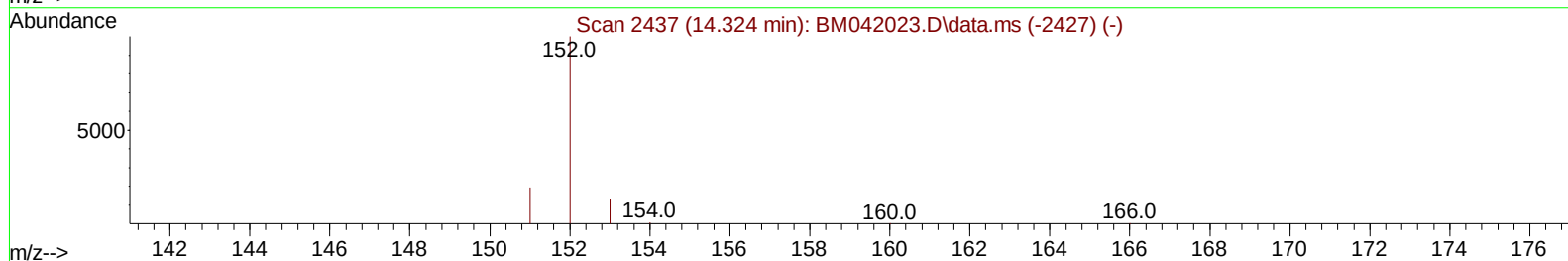
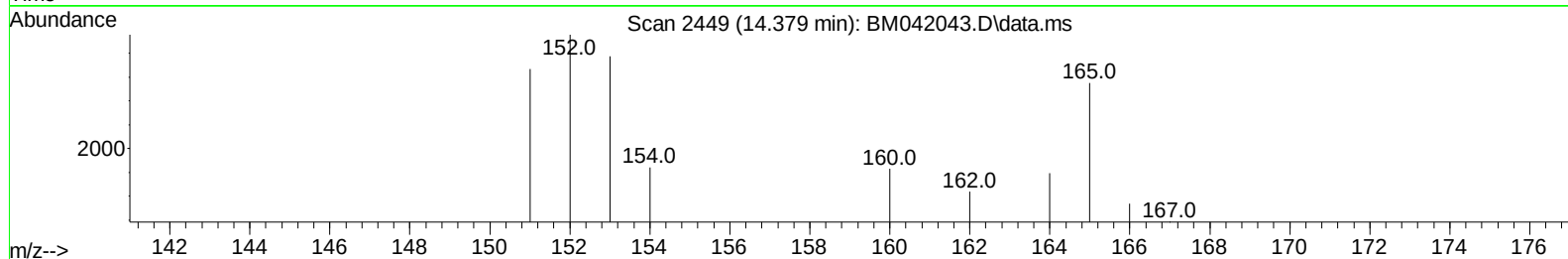
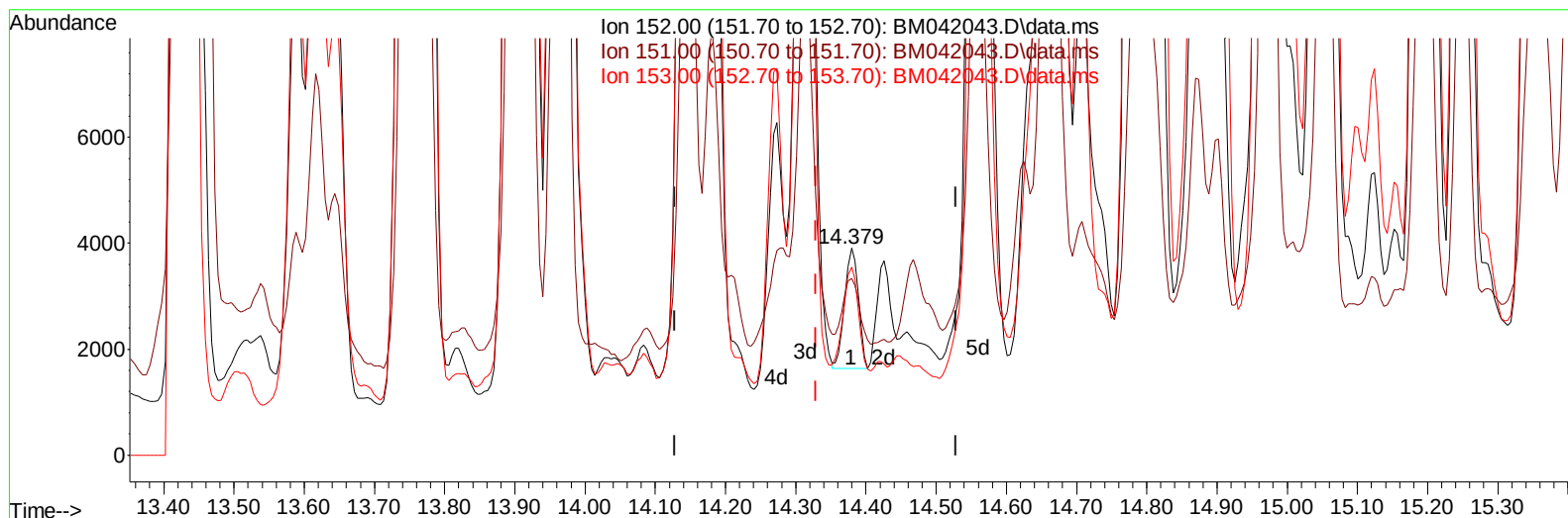
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(10) Acenaphthylene

14.379min (+ 0.051) 0.09 ng/u1

response 3080

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.30	85.37#
153.00	13.50	90.74#
0.00	0.00	0.00

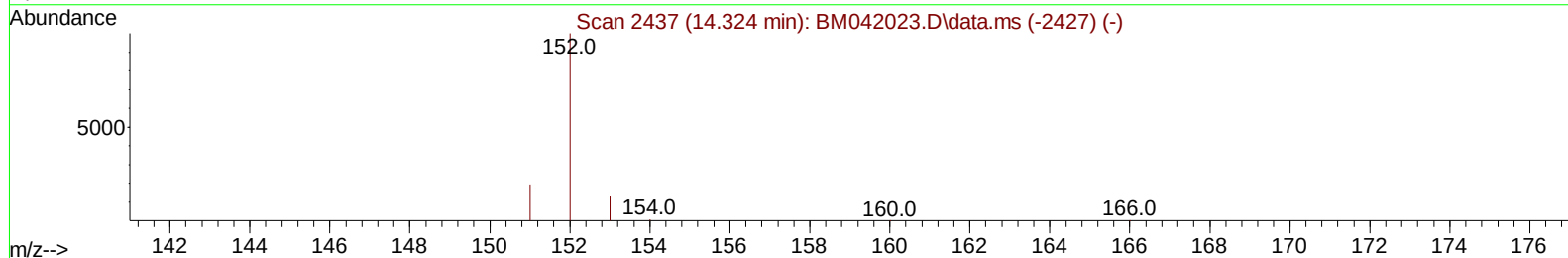
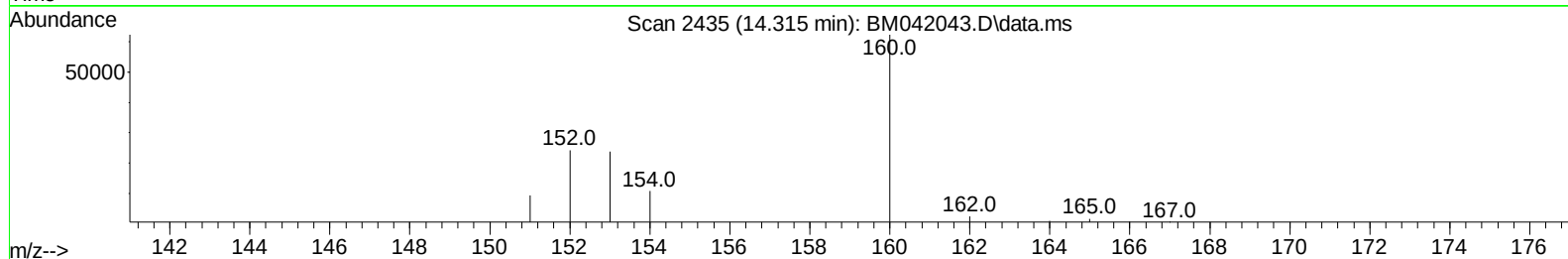
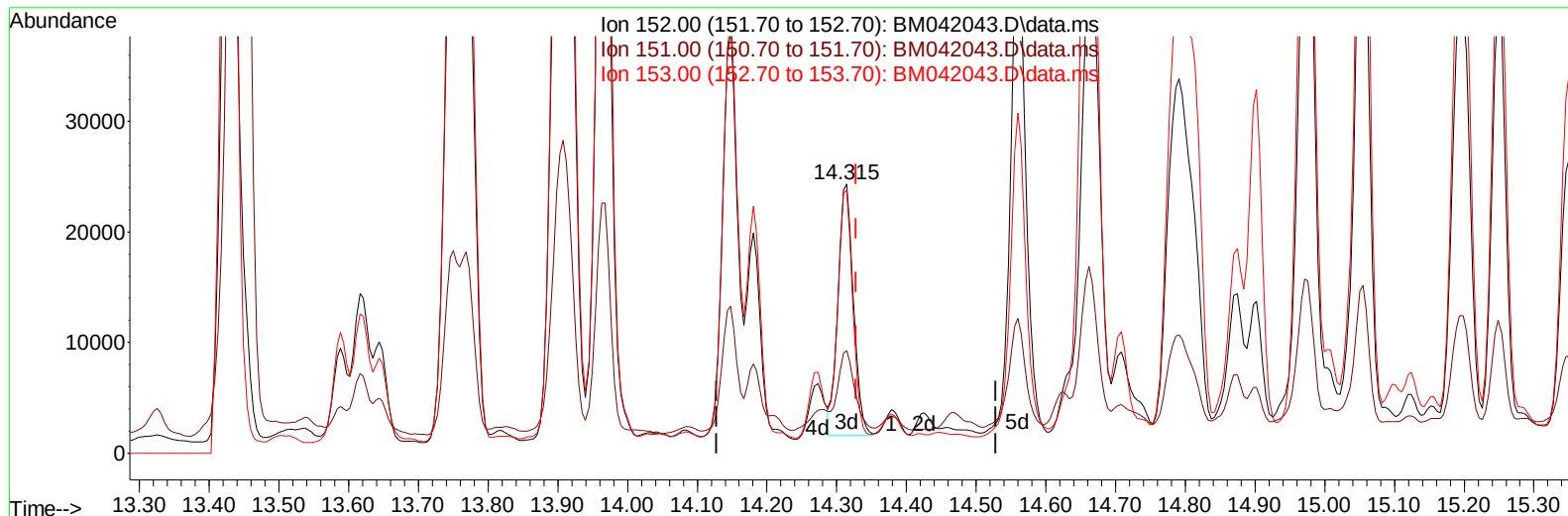
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(10) Acenaphthylene

14.315min (-0.014) 1.08 ng/ul m

response 35222

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.30	38.17#
153.00	13.50	97.63#
0.00	0.00	0.00

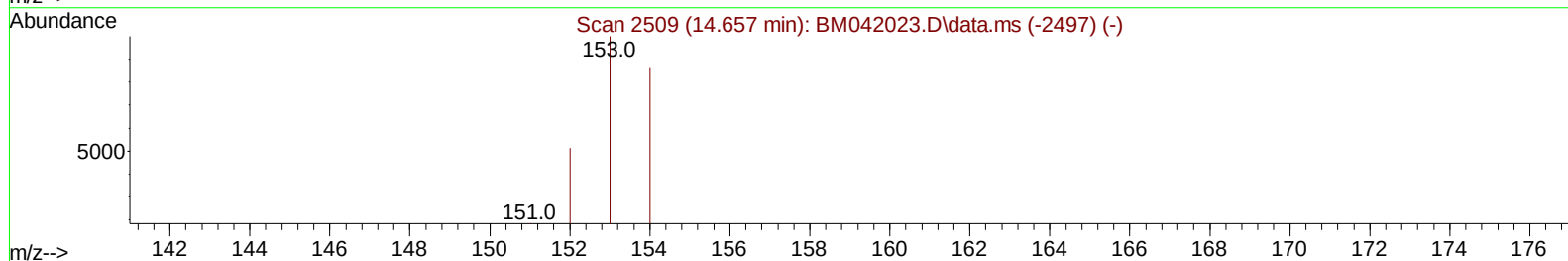
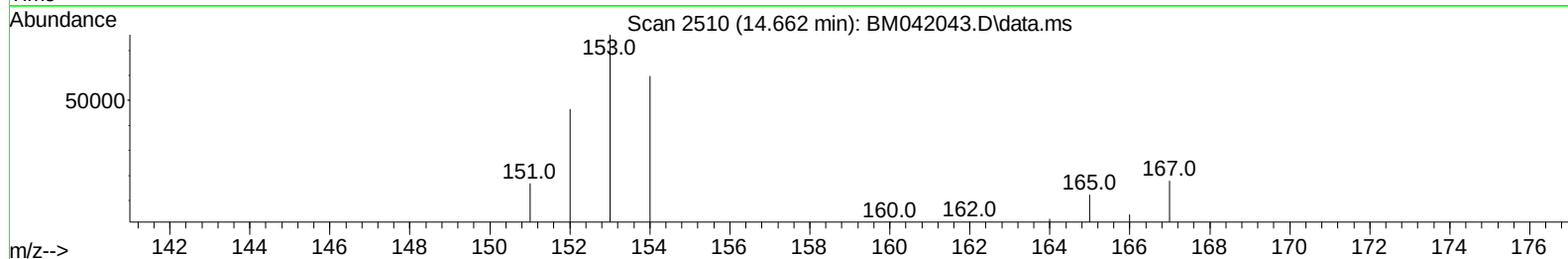
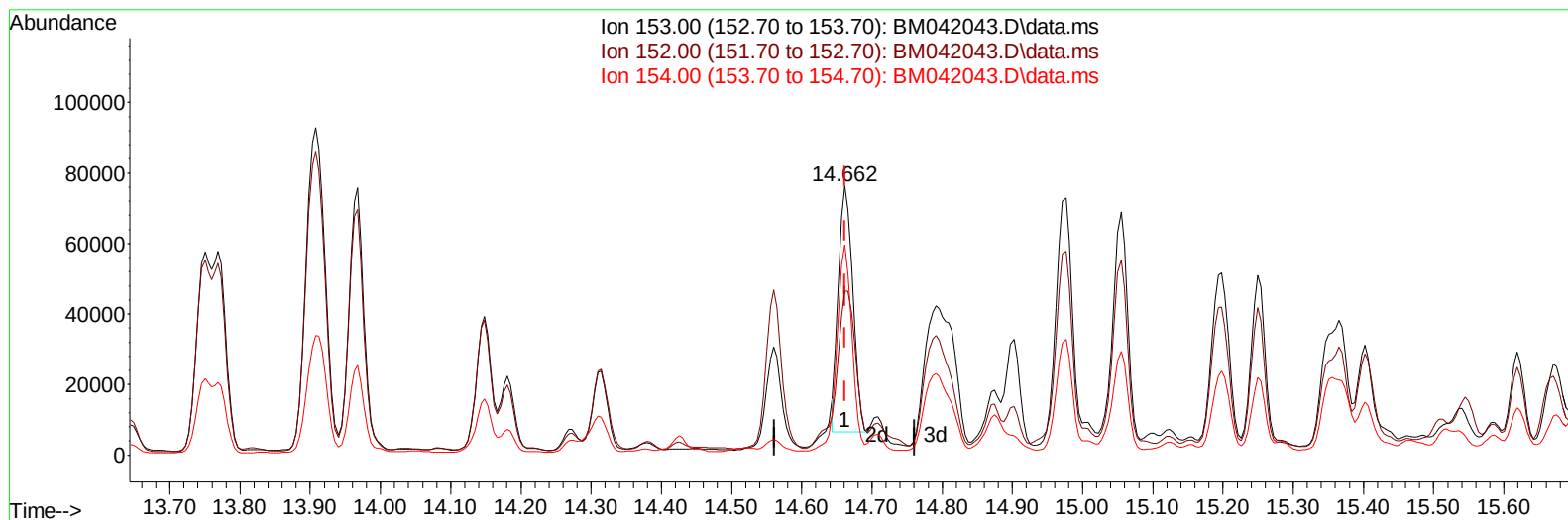
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(11) Acenaphthene (C)

14.662min (+ 0.000) 3.94 ng/u1

response 98652

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	52.30	61.02
154.00	86.30	78.26
0.00	0.00	0.00

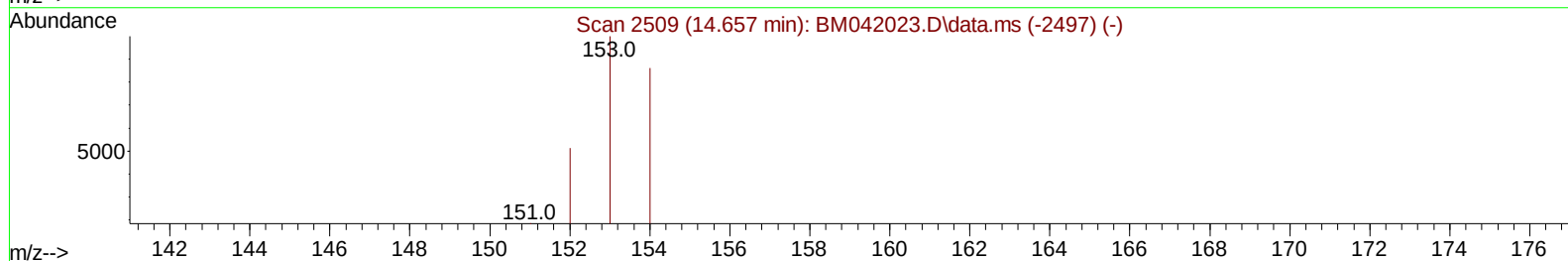
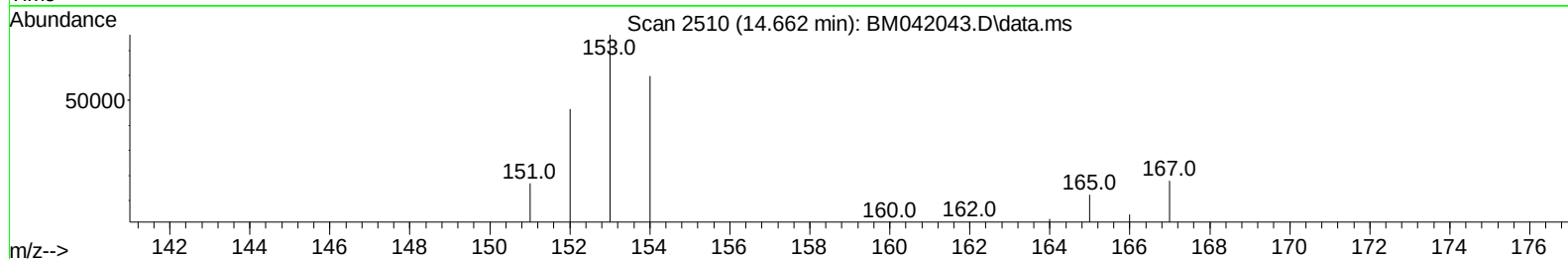
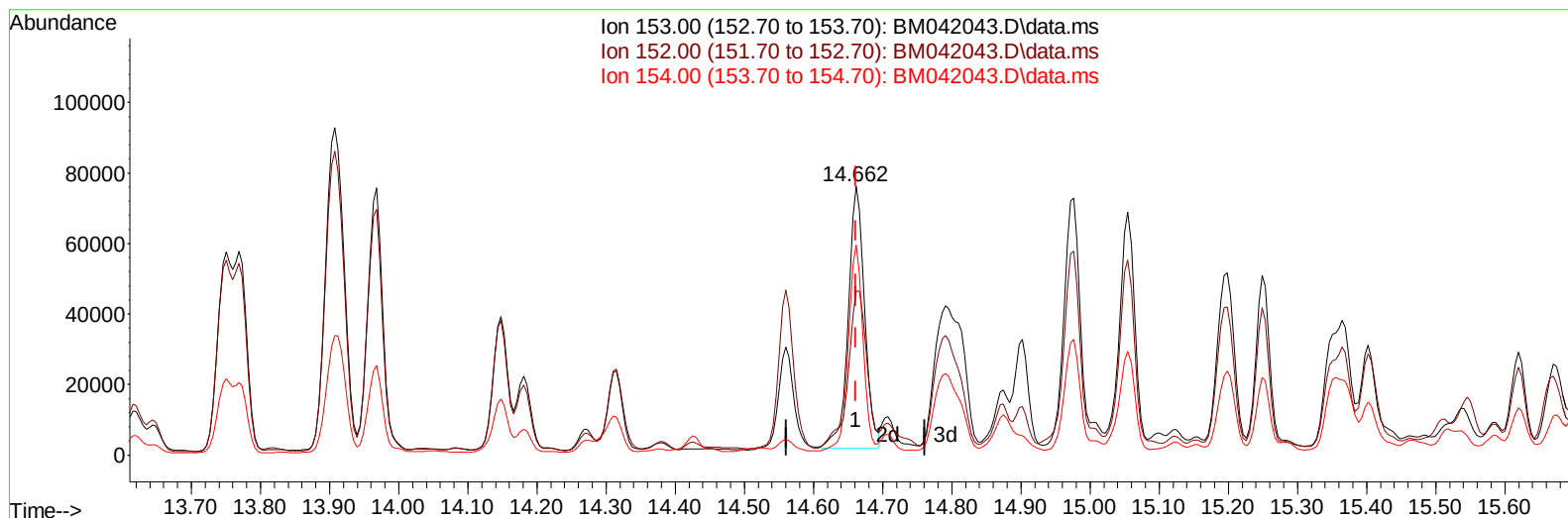
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
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 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042043.D\data.ms

(11) Acenaphthene (C)

14.662min (+ 0.000) 4.92 ng/ul m

response 123113

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	52.30	61.02
154.00	86.30	78.26
0.00	0.00	0.00

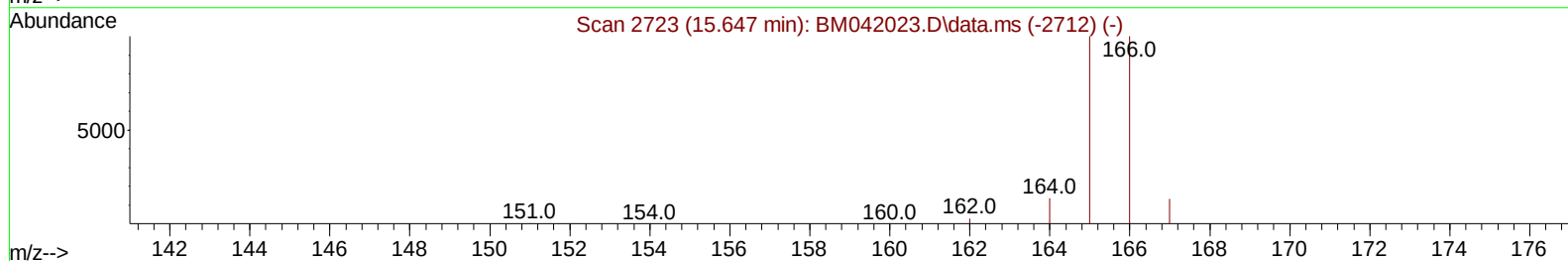
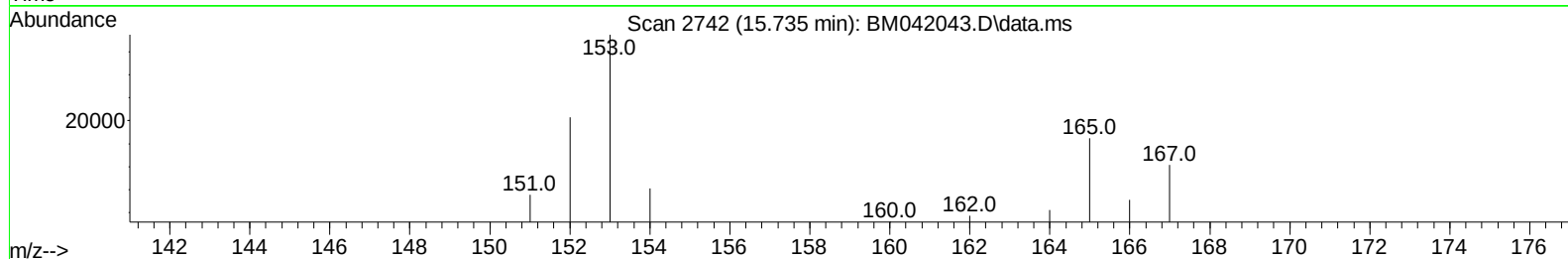
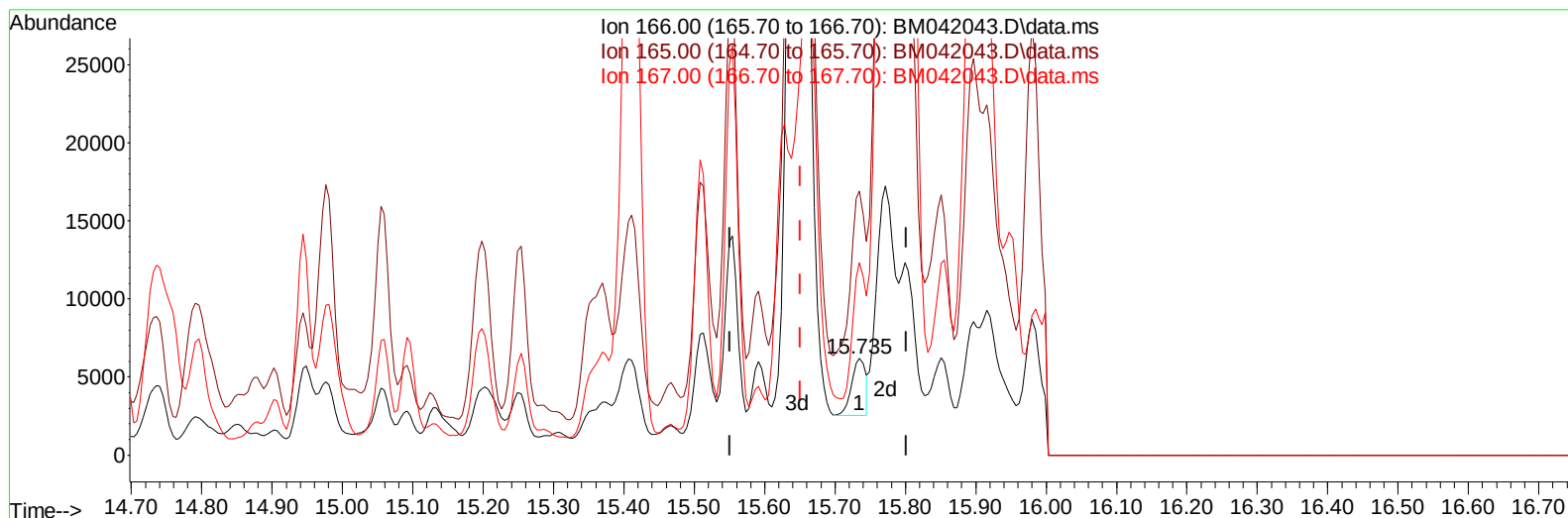
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(12) Fluorene

15.735min (+ 0.083) 0.18 ng/u1

response 4954

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.80	272.42#
167.00	13.90	198.05#
0.00	0.00	0.00

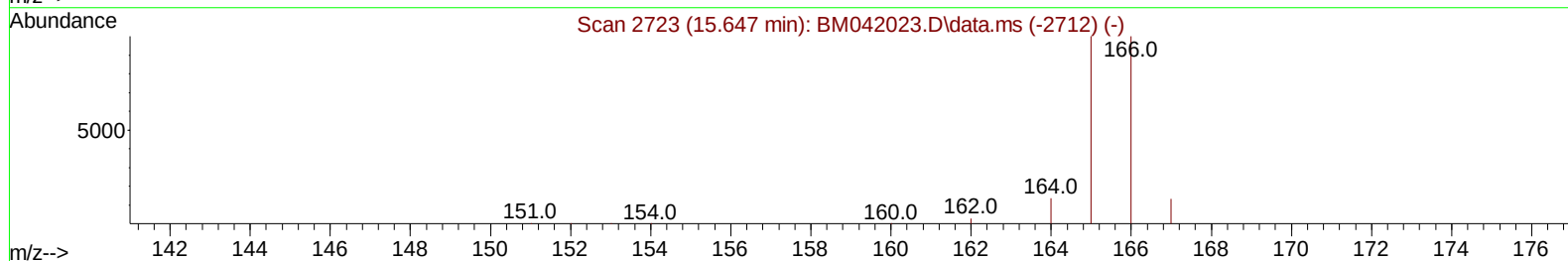
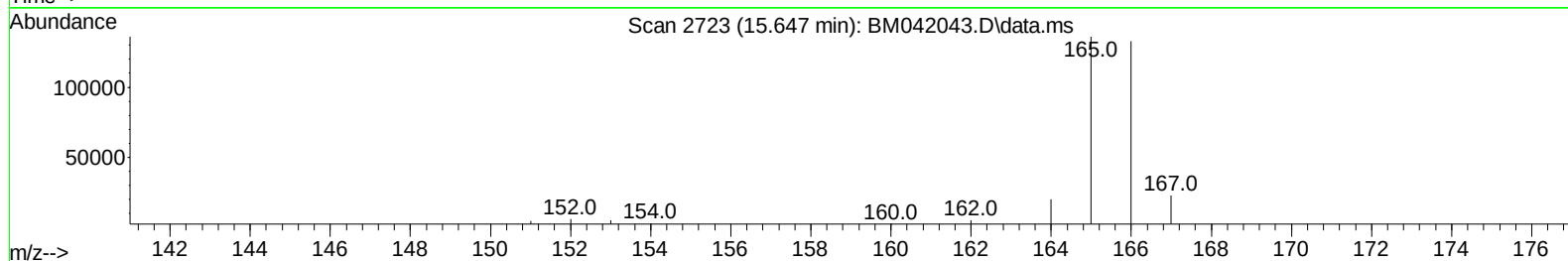
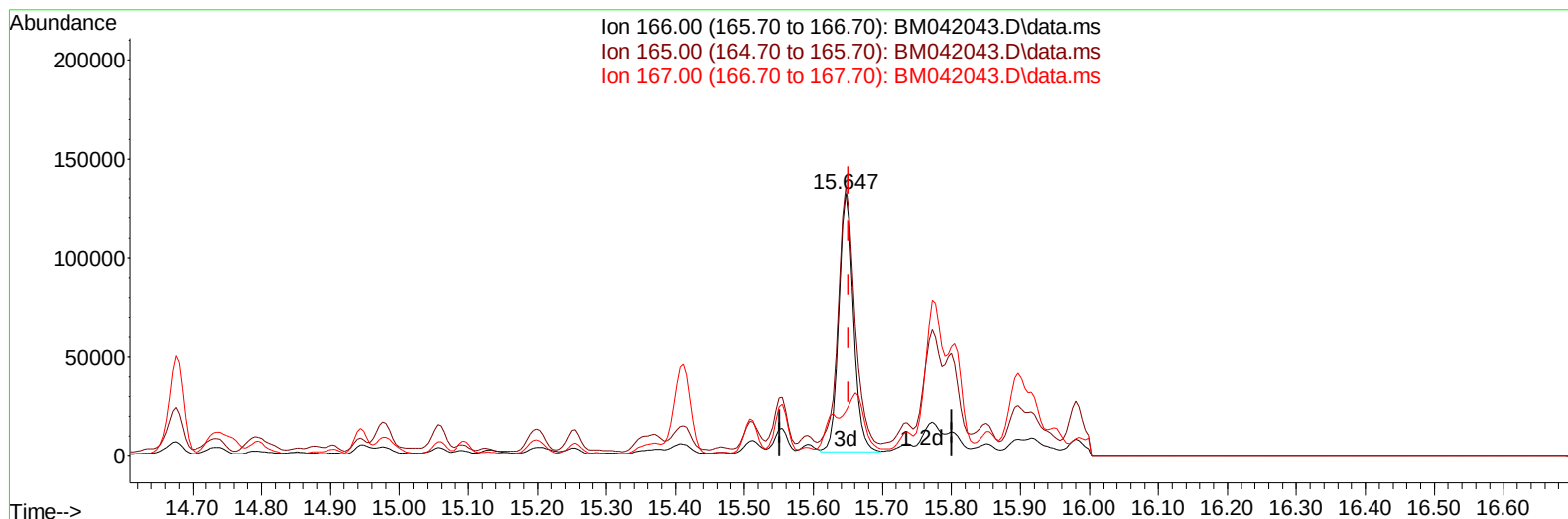
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(12) Fluorene

15.647min (-0.004) 6.87 ng/ul m

response 193574

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.80	102.46
167.00	13.90	17.16#
0.00	0.00	0.00

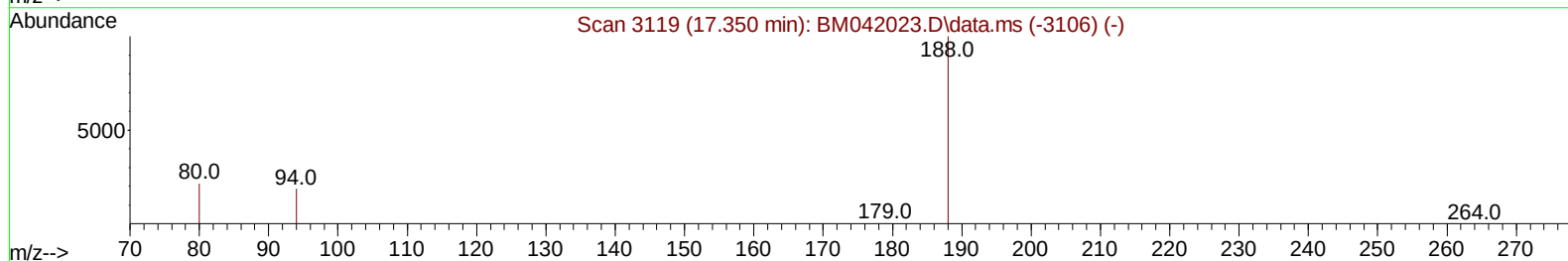
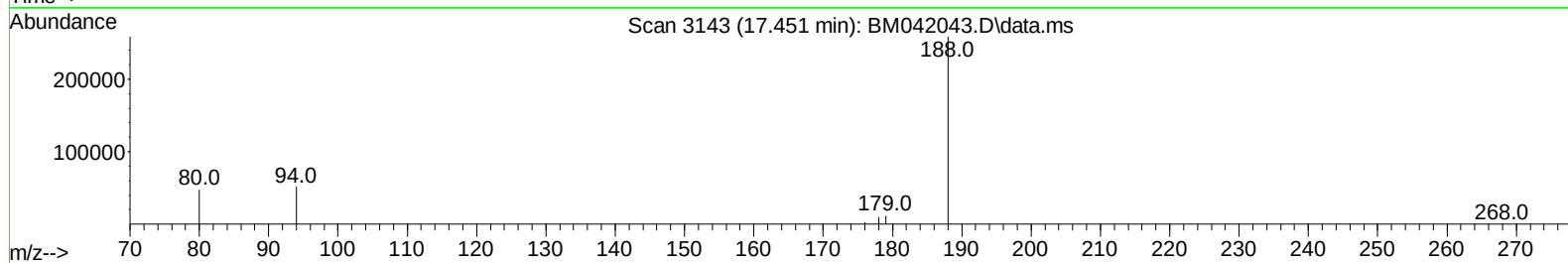
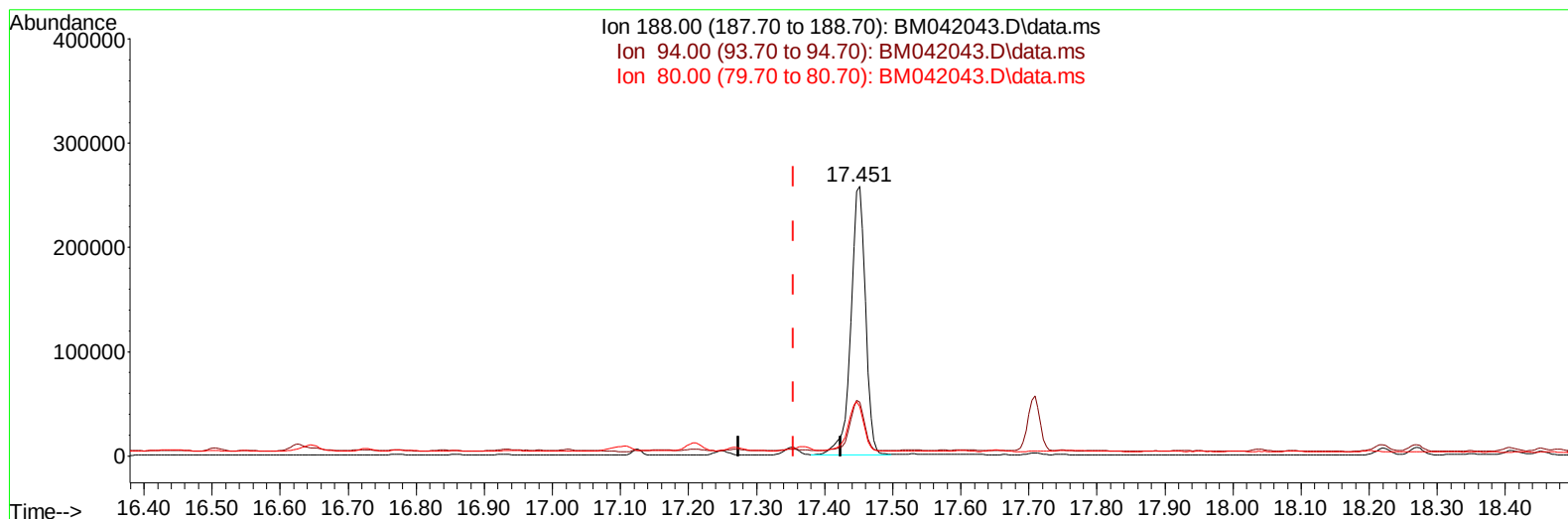
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(13) Phenanthrene-d10 (I)

17.451min (+ 0.097) 0.40 ng/u1

response 382421

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	18.20	19.92
80.00	20.40	18.37
0.00	0.00	0.00

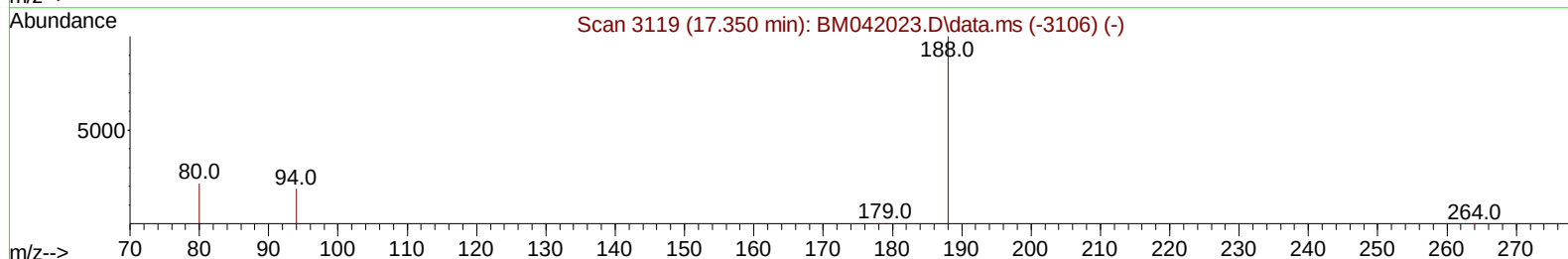
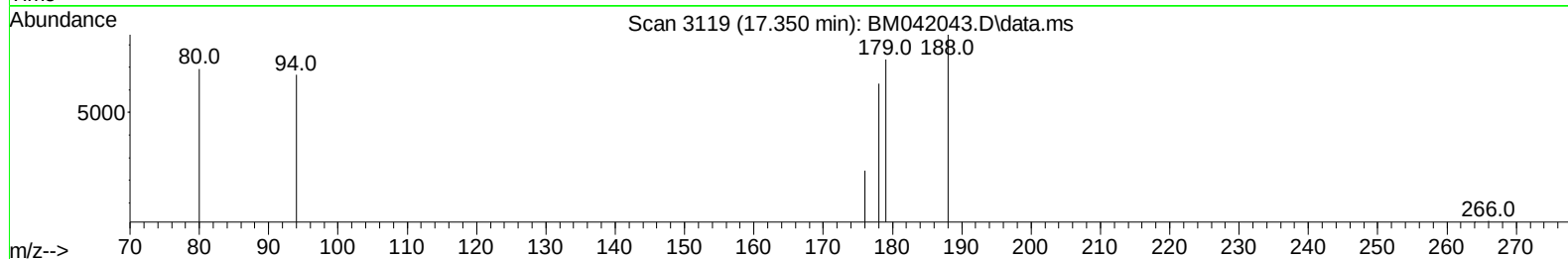
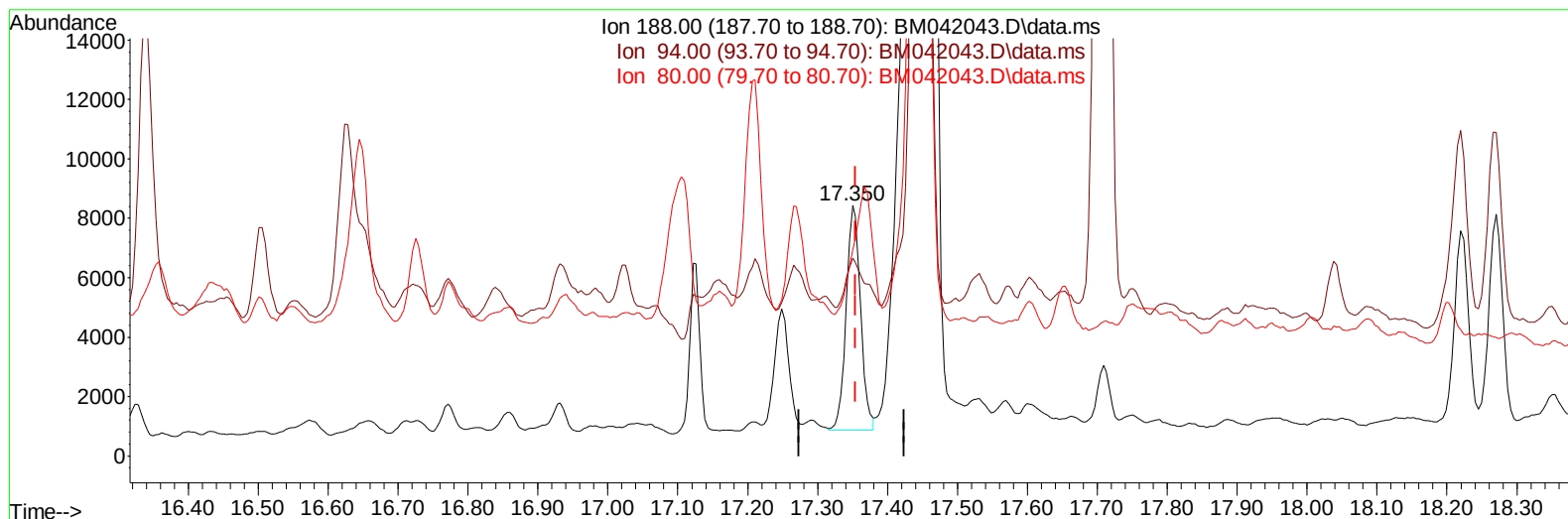
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
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Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM042043.D\data.ms

(13) Phenanthrene-d10 (I)

17.350min (-0.004) 0.40 ng/ul m

response 10781

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	18.20	79.00#
80.00	20.40	82.15#
0.00	0.00	0.00

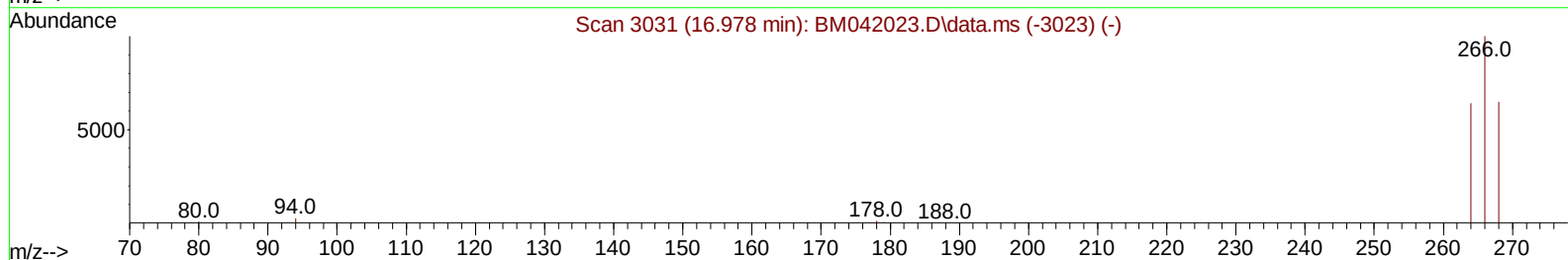
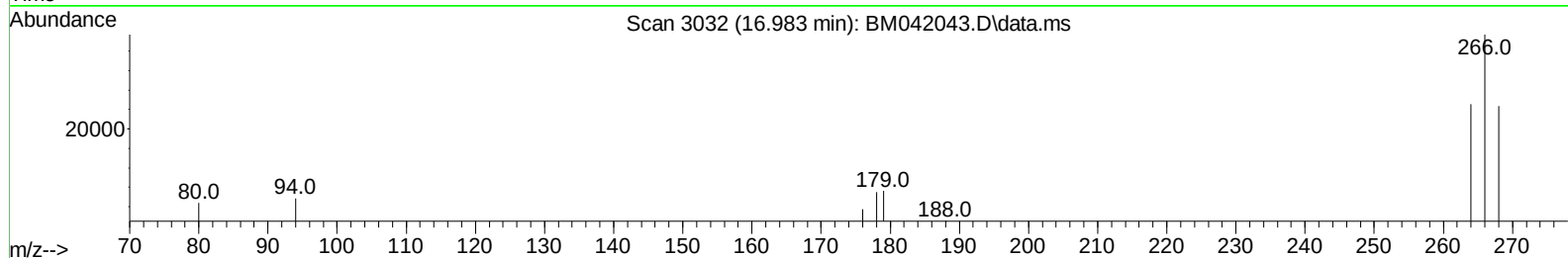
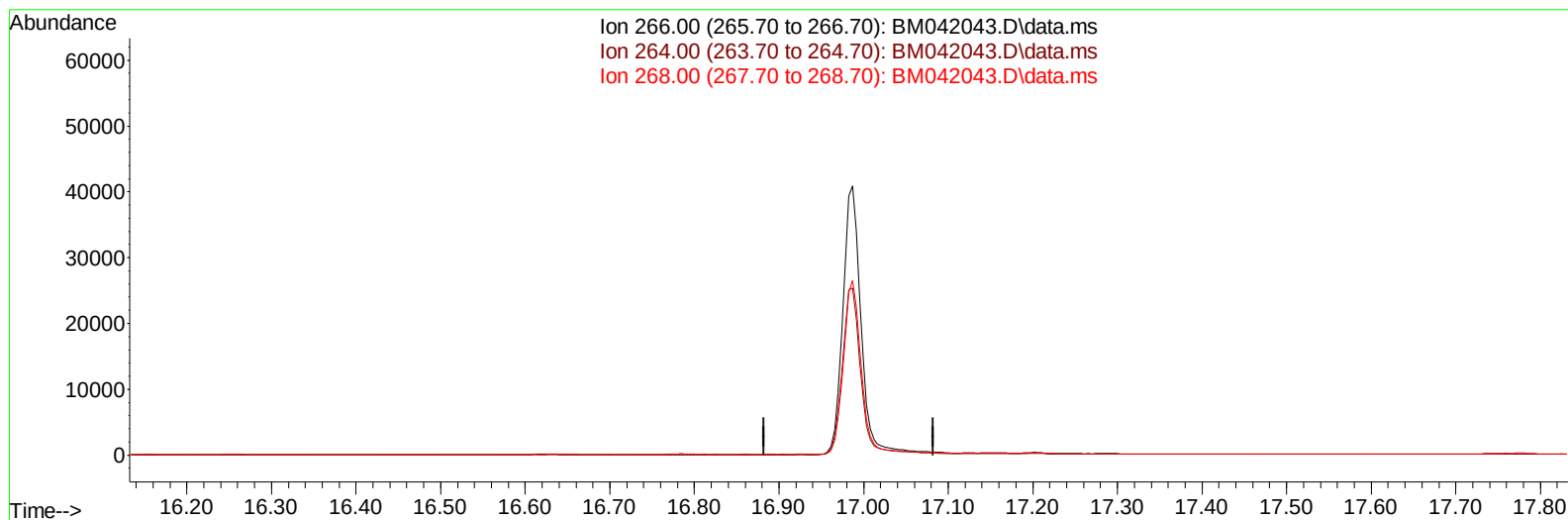
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM042043.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

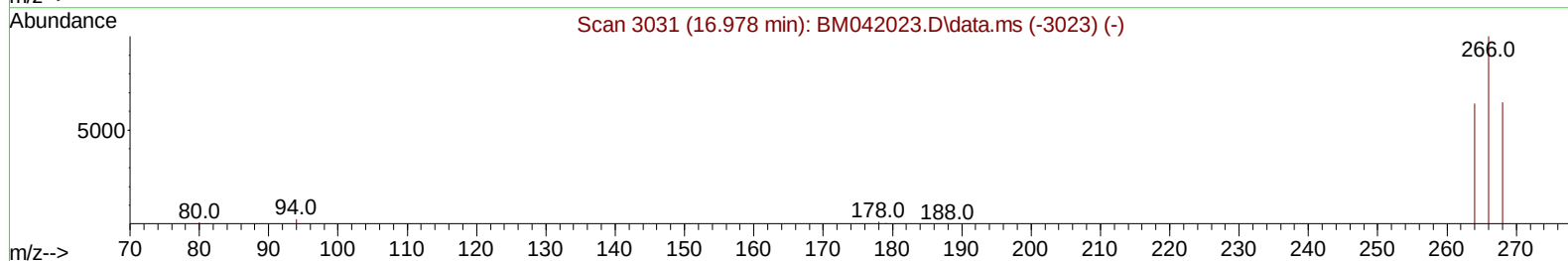
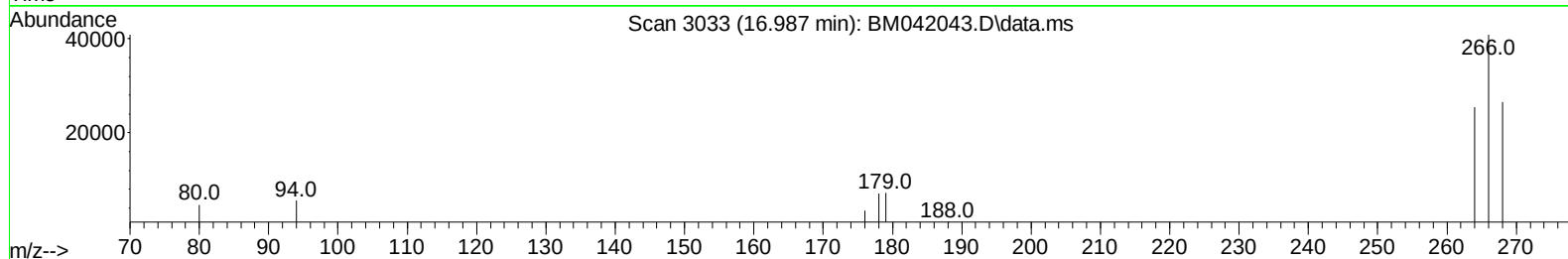
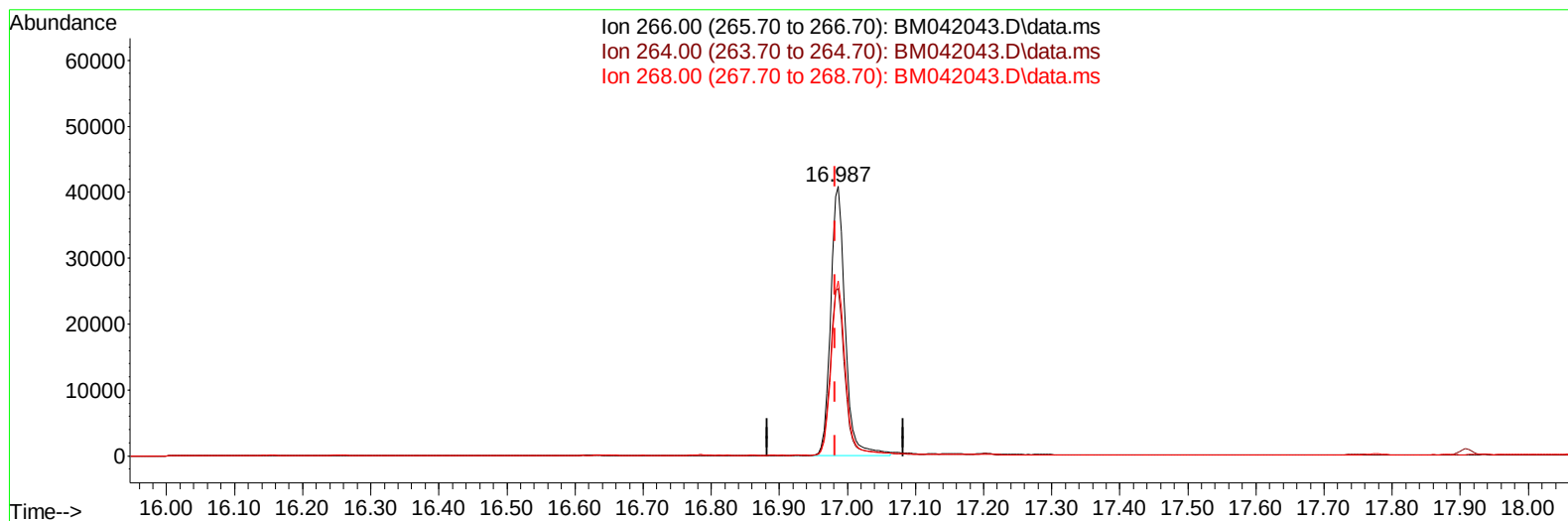
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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: BM042043.D\data.ms

(14) Pentachlorophenol

16.987min (+ 0.004) 10.72 ng/ul m

response 61154

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

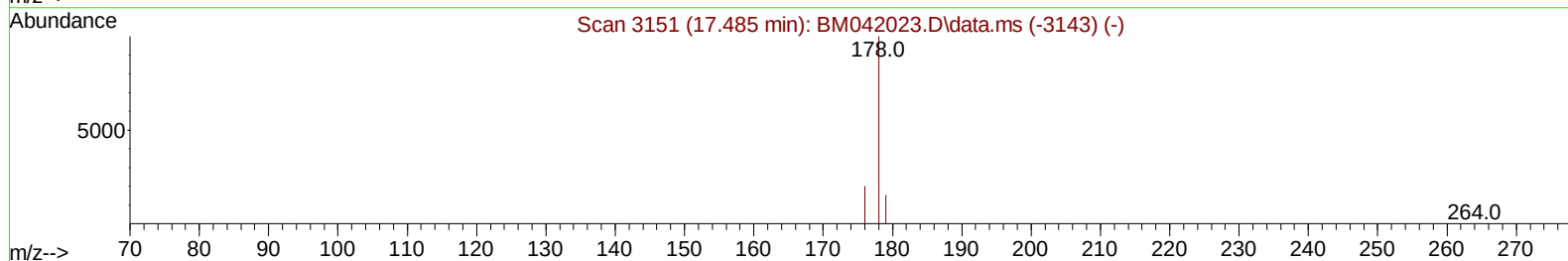
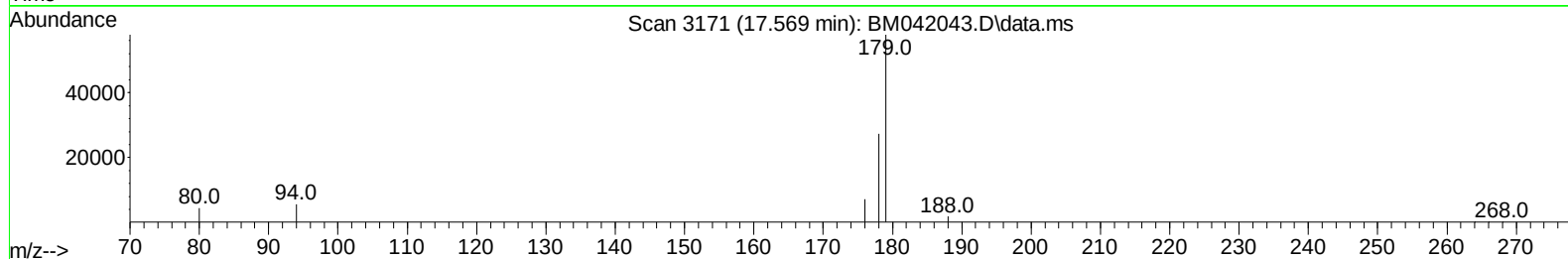
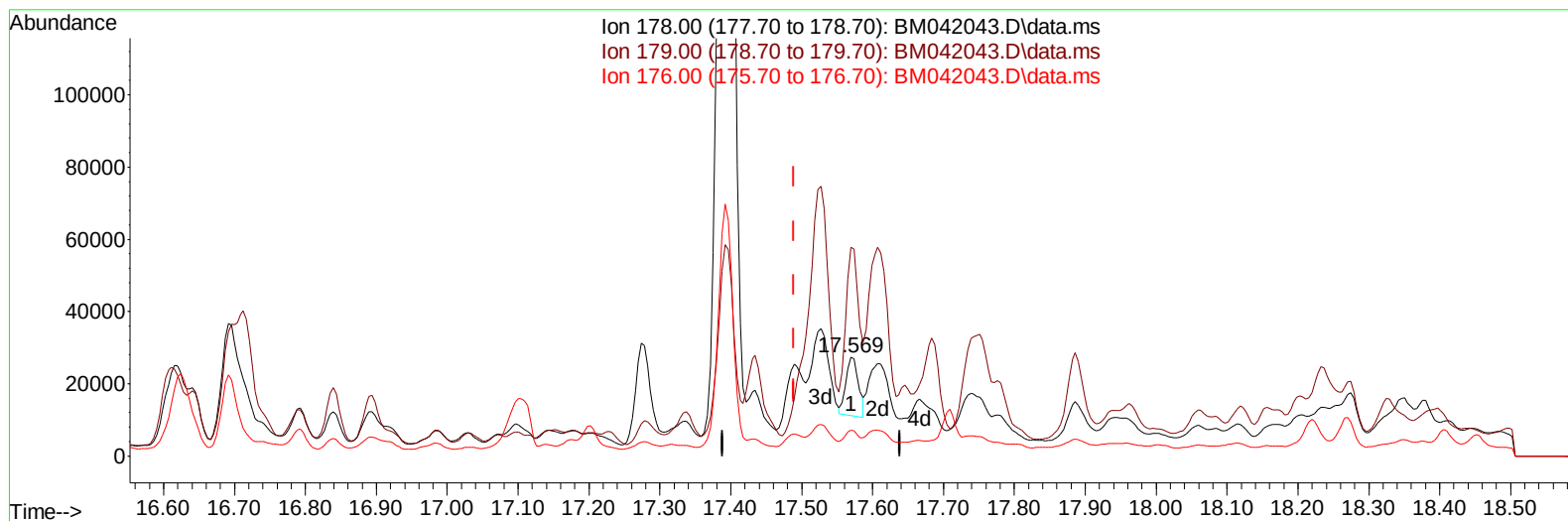
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(16) Anthracene

17.569min (+ 0.080) 0.46 ng/u1

response 19986

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	210.97#
176.00	20.20	26.12#
0.00	0.00	0.00

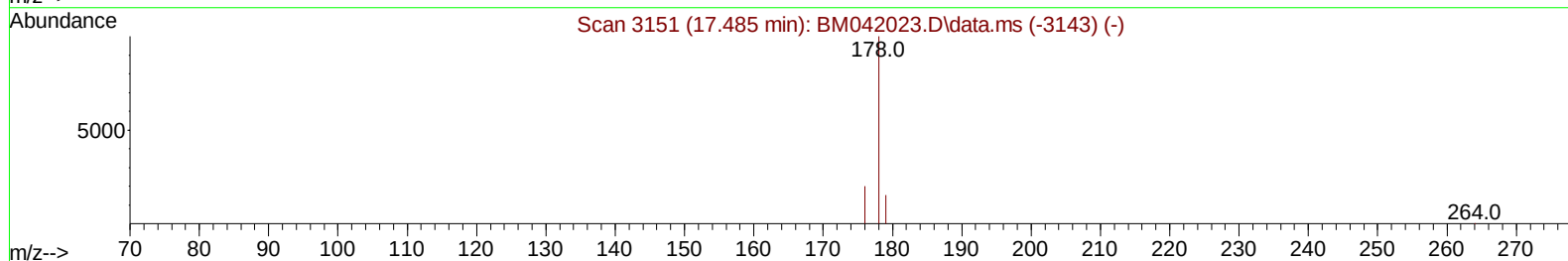
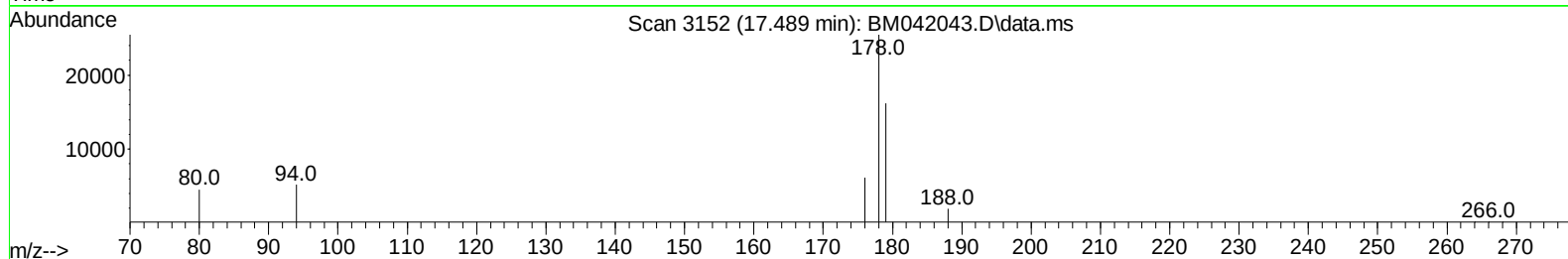
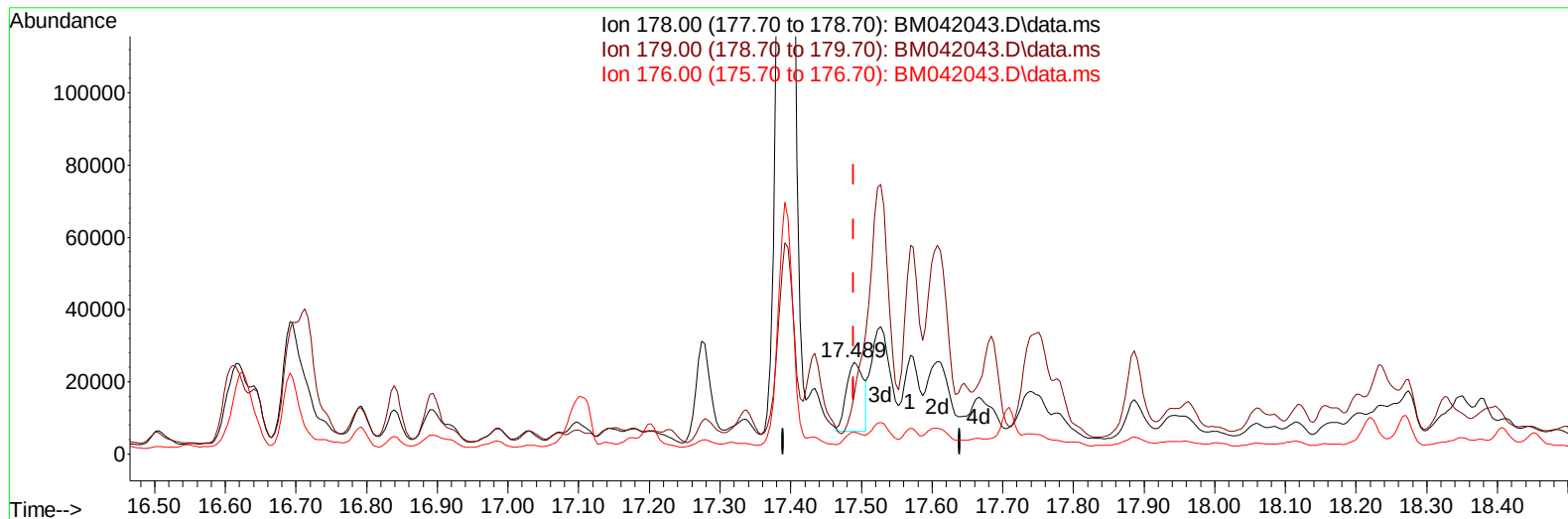
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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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Supervised By :mohammad ahmed 09/28/2023



TIC: BM042043.D\data.ms

(16) Anthracene

17.489min (+ 0.000) 0.75 ng/u l m

response 32592

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	63.44#
176.00	20.20	24.20
0.00	0.00	0.00

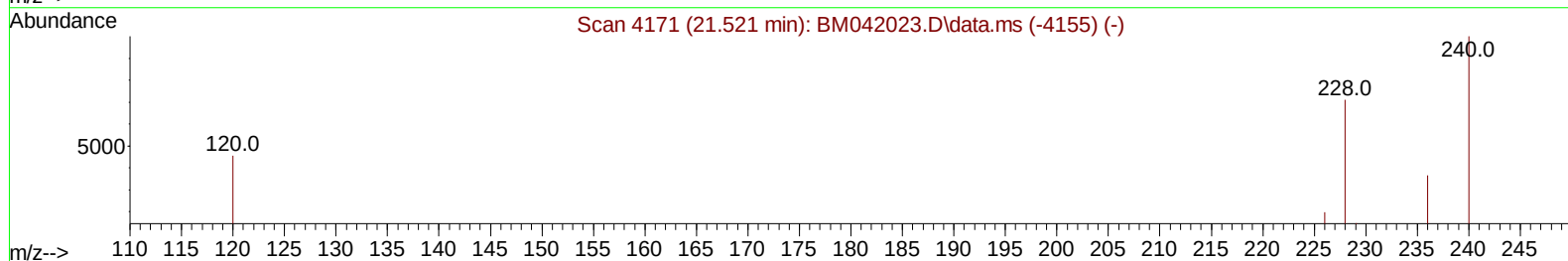
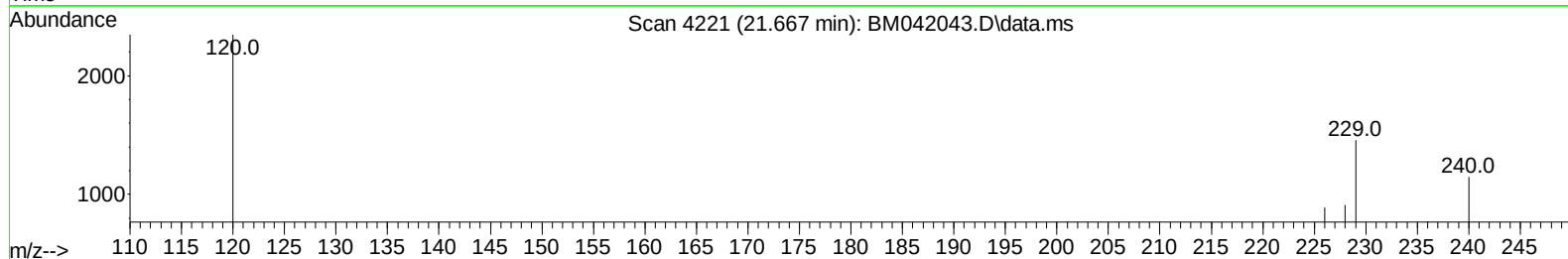
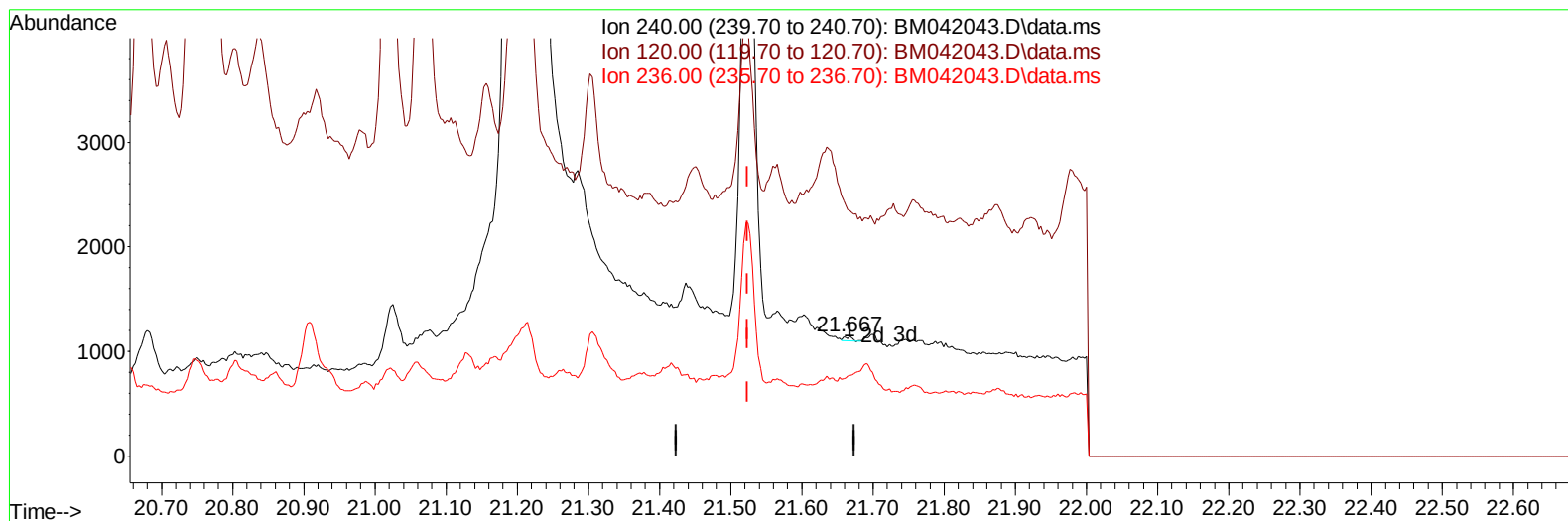
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(17) Chrysene-d12

21.667min (+ 0.143) 0.40 ng/u1

response 31

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	50.40	204.80#
236.00	38.80	66.99#
0.00	0.00	0.00

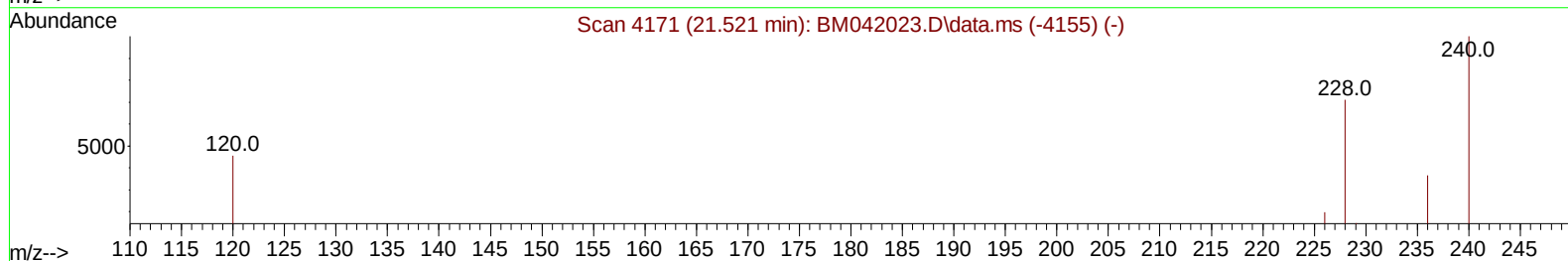
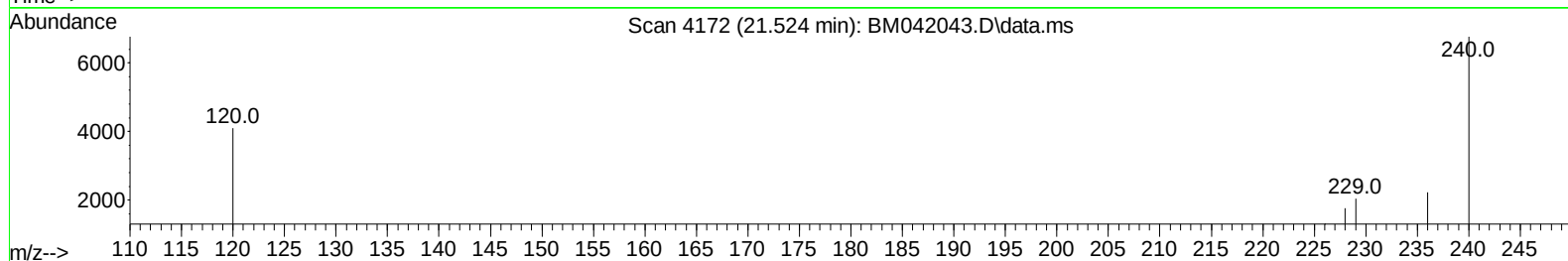
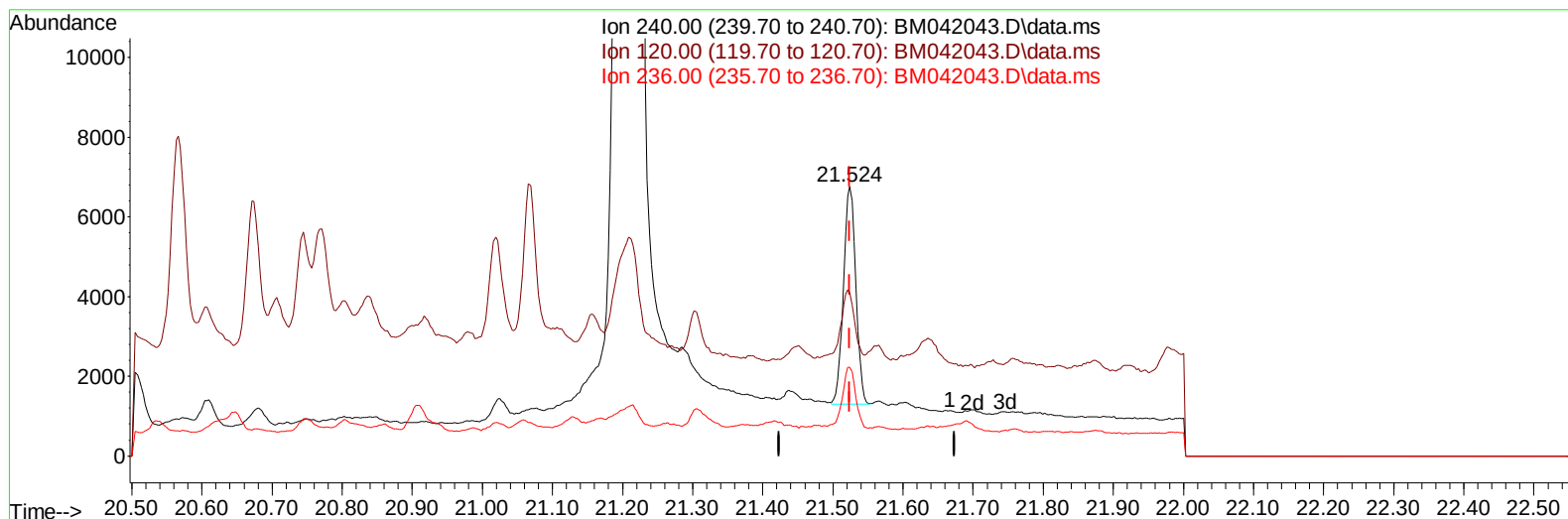
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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: BM042043.D\data.ms

(17) Chrysene-d12

21.524min (+ 0.000) 0.40 ng/ul m

response 6706

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	50.40	60.69#
236.00	38.80	32.89
0.00	0.00	0.00

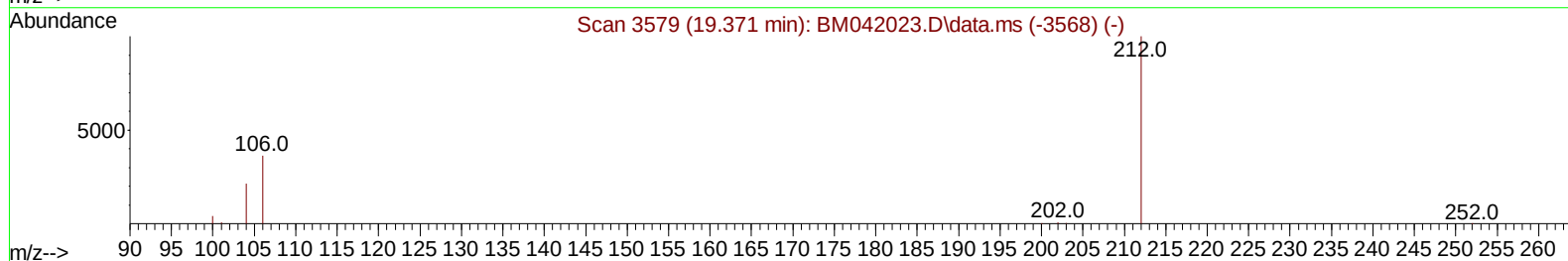
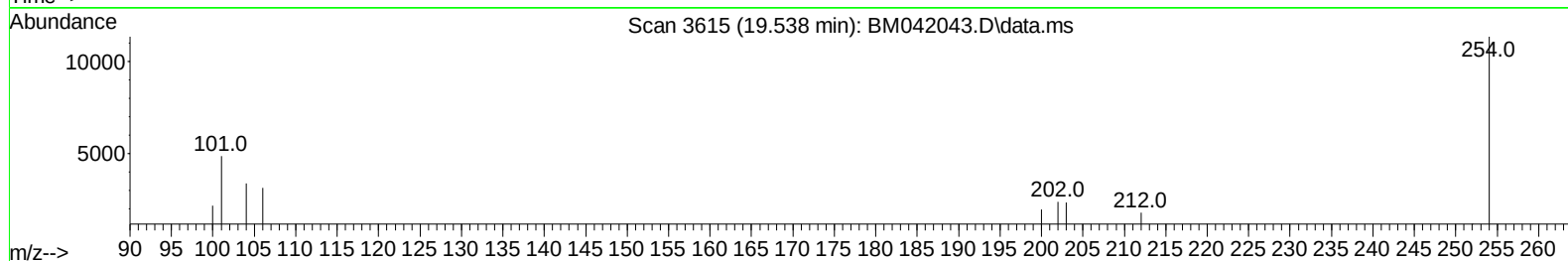
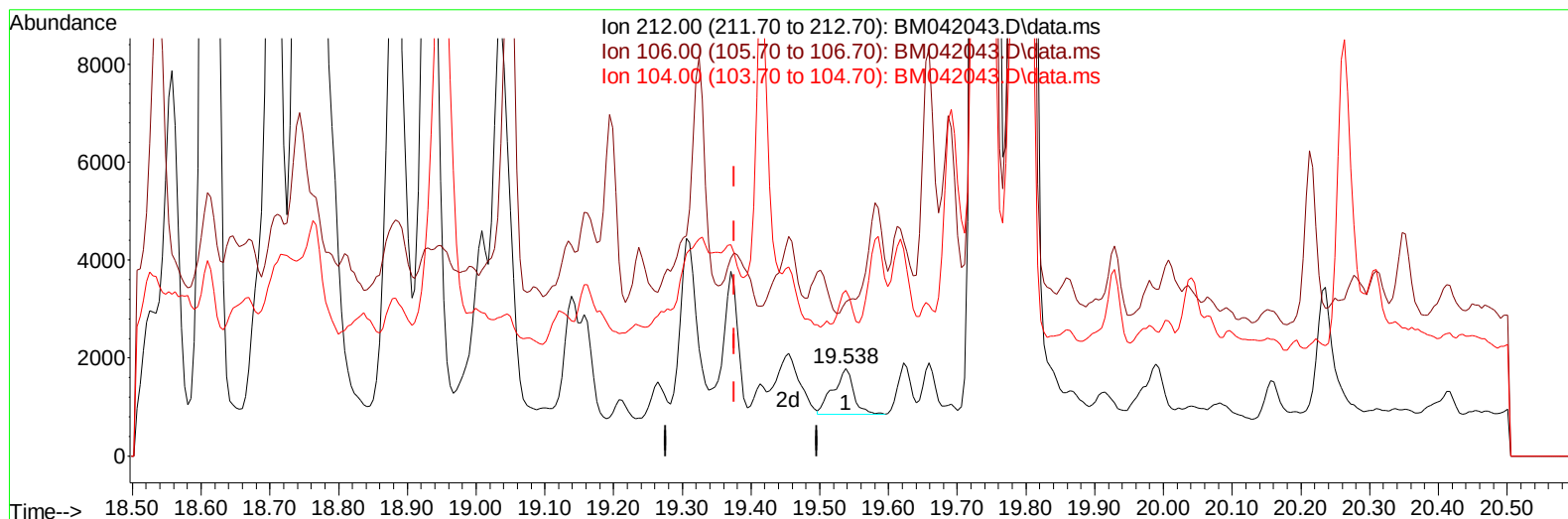
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.538min (+ 0.163) 0.07 ng/u1

response 1920

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	35.20	0.00#
104.00	19.70	51.20#
0.00	0.00	0.00

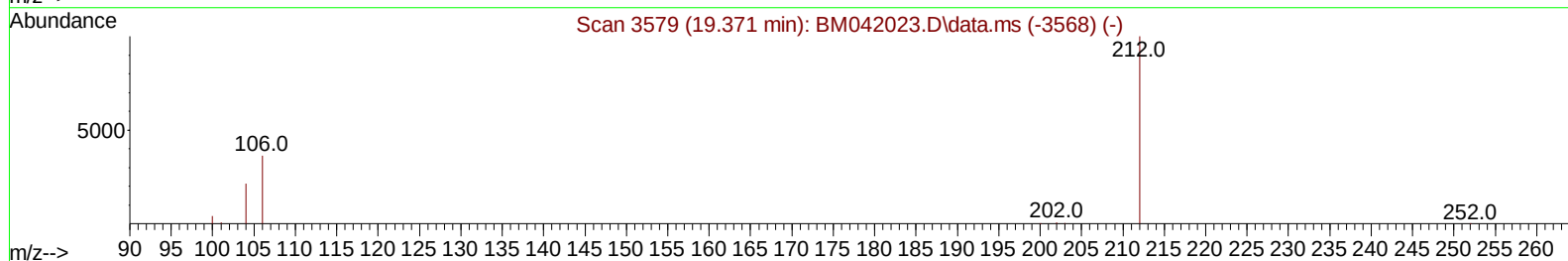
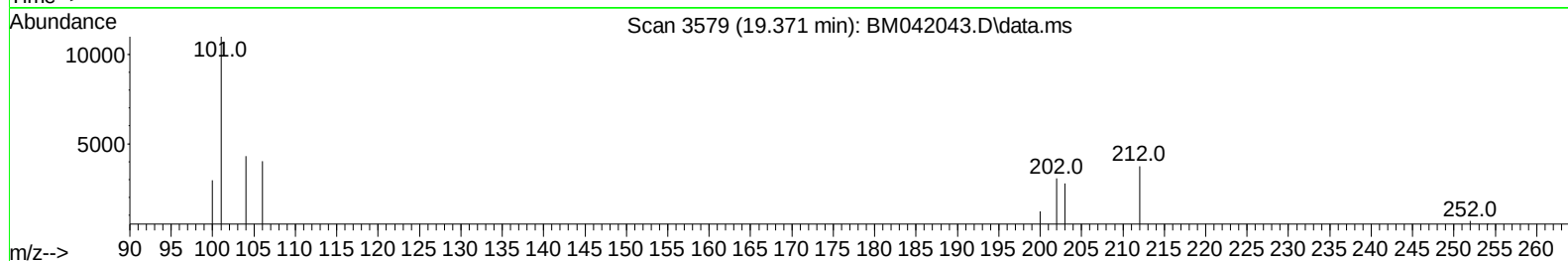
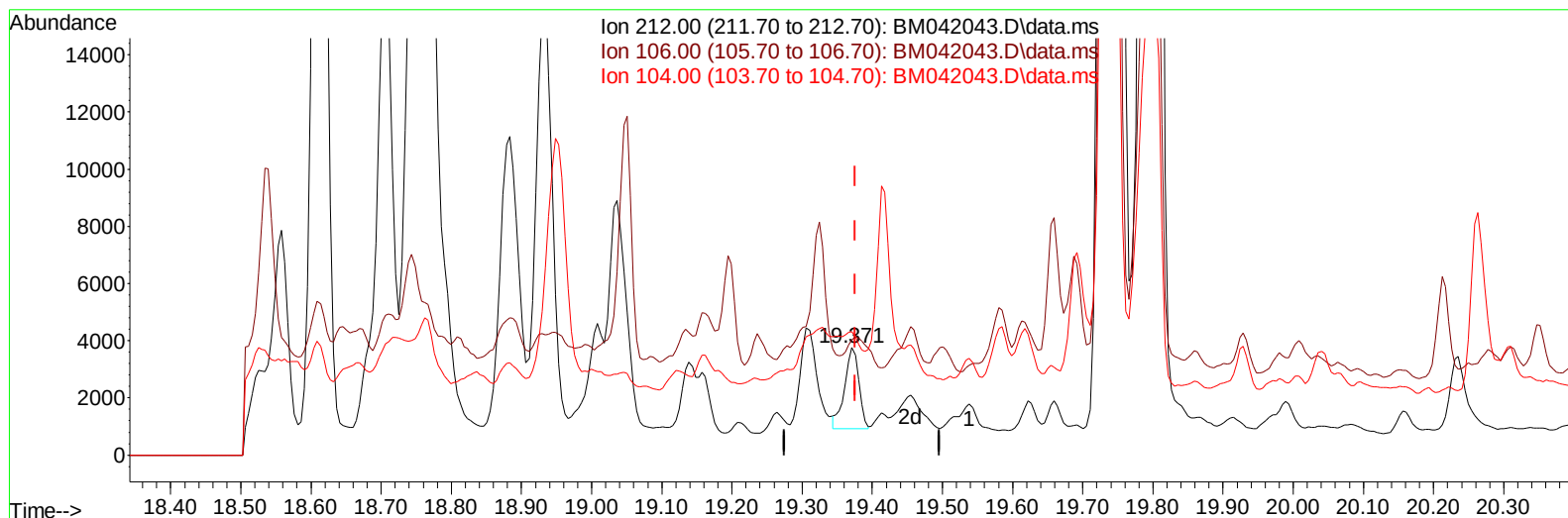
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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 QLast Update : Fri Sep 22 13:50:58 2023
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TIC: BM042043.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.371min (-0.004) 0.14 ng/ul m

response 3961

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	35.20	0.00#
104.00	19.70	24.82#
0.00	0.00	0.00

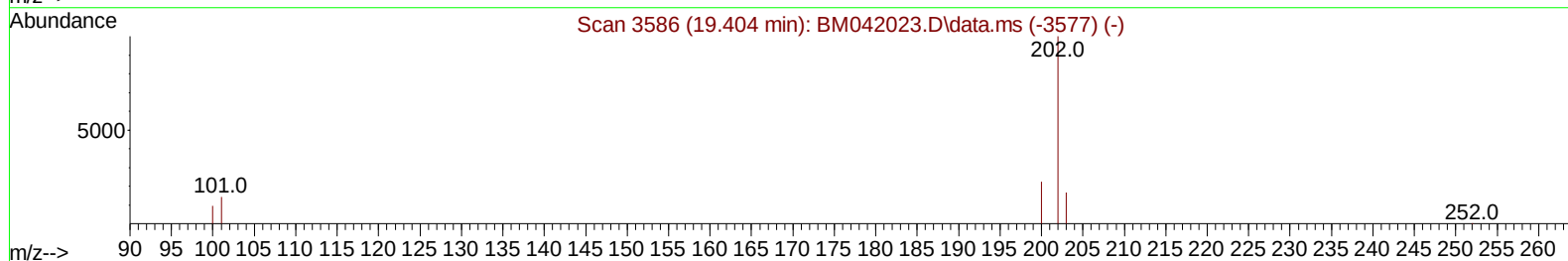
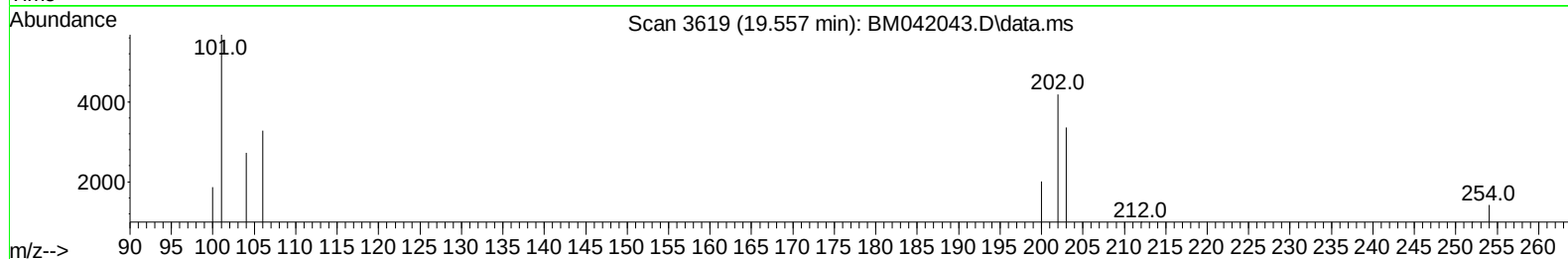
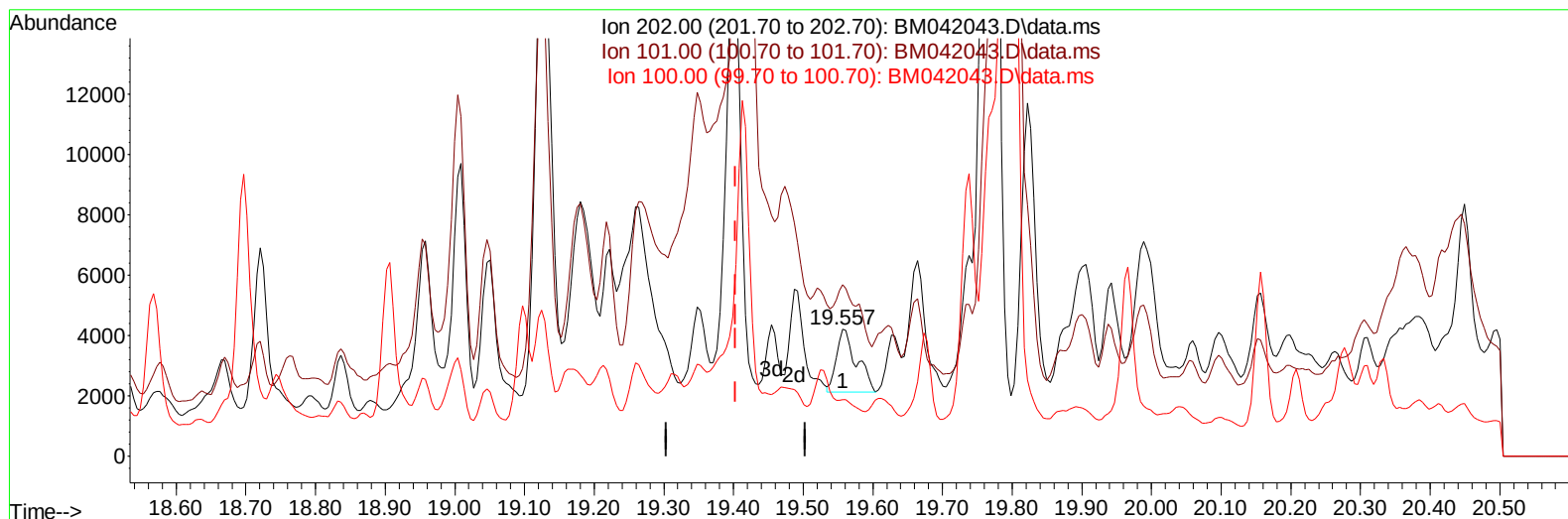
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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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TIC: BM042043.D\data.ms

(19) Fluoranthene (C)

19.557min (+ 0.154) 0.05 ng/u1

response 4156

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	135.42#
100.00	11.40	44.39#
0.00	0.00	0.00

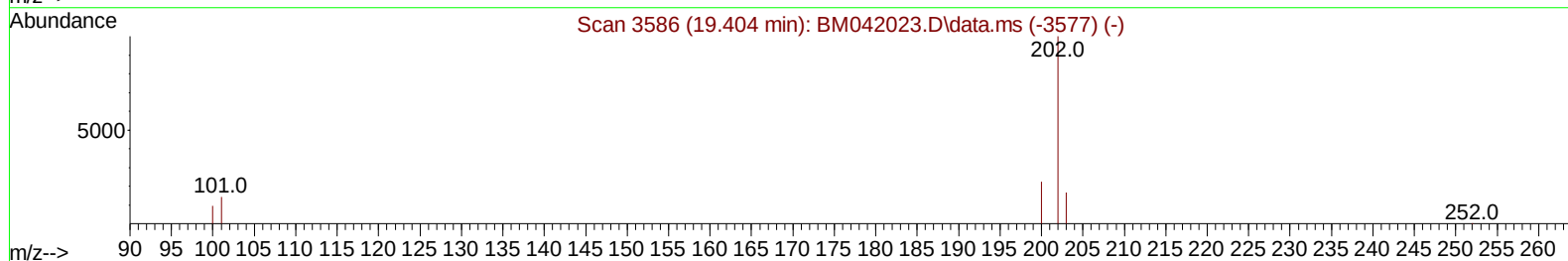
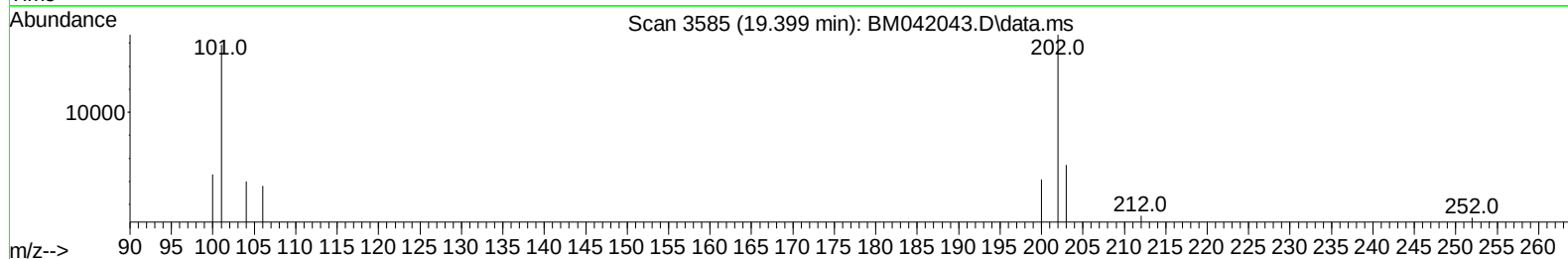
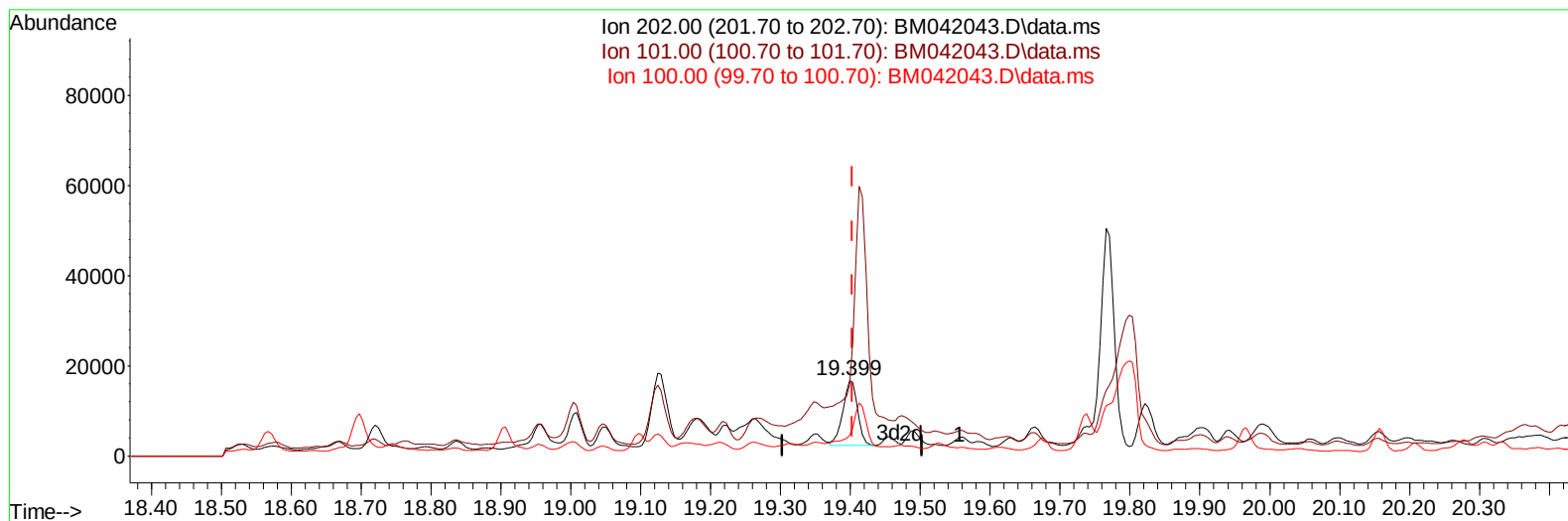
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(19) Fluoranthene (C)

19.399min (-0.004) 0.28 ng/ul m

response 21333

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	94.60#
100.00	11.40	27.65#
0.00	0.00	0.00

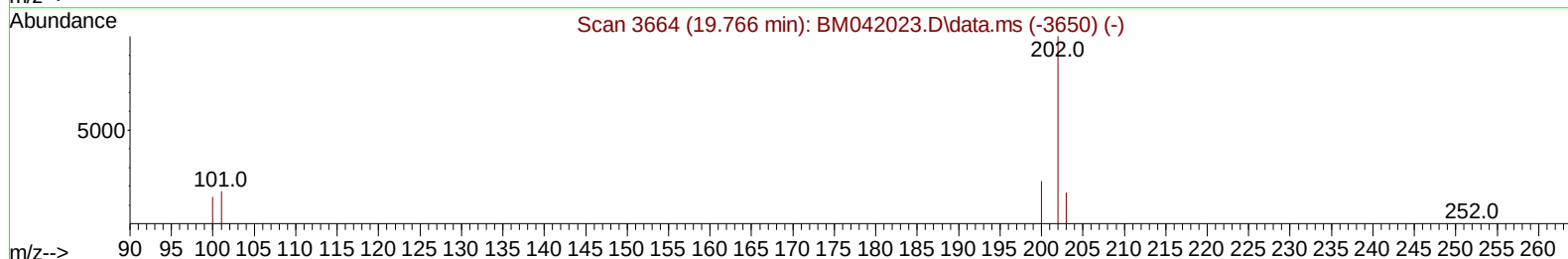
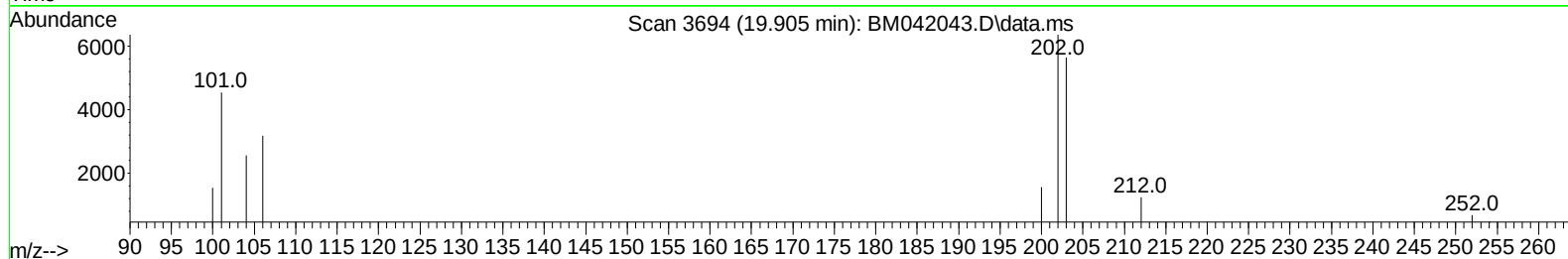
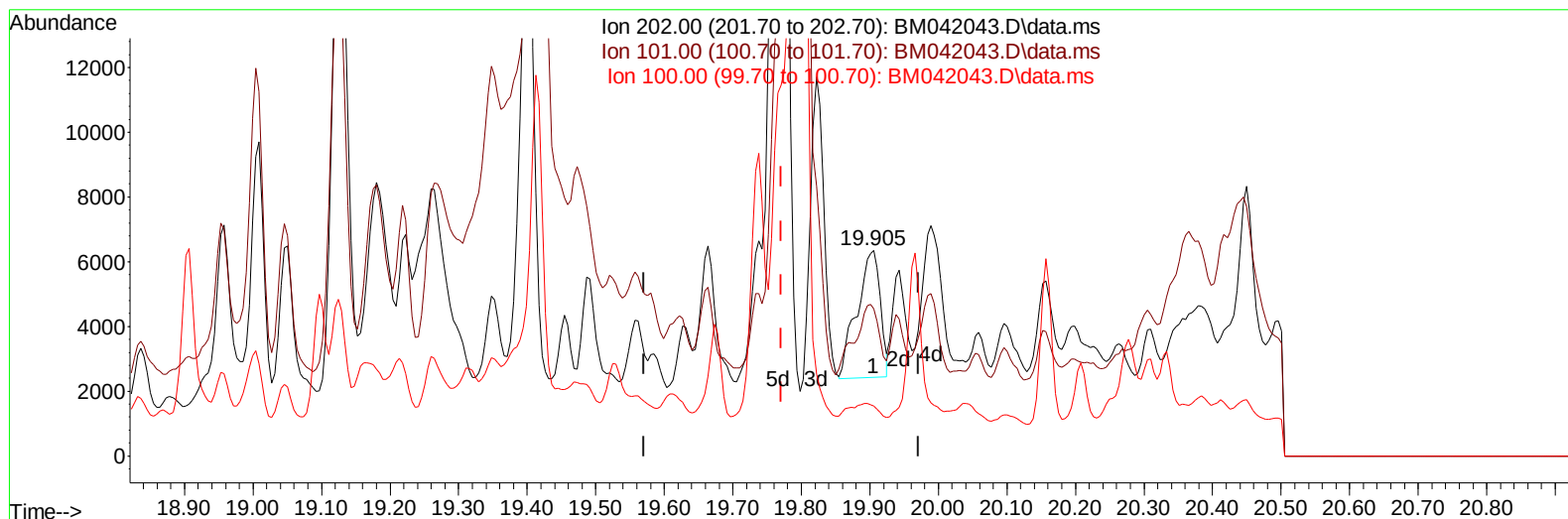
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(20) Pyrene

19.905min (+ 0.135) 0.12 ng/u1

response 9269

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	17.60	71.45#
100.00	14.20	24.20#
0.00	0.00	0.00

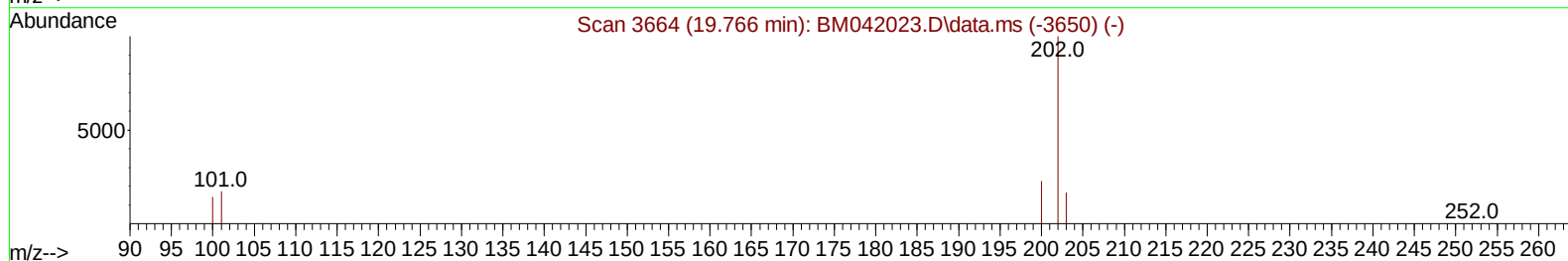
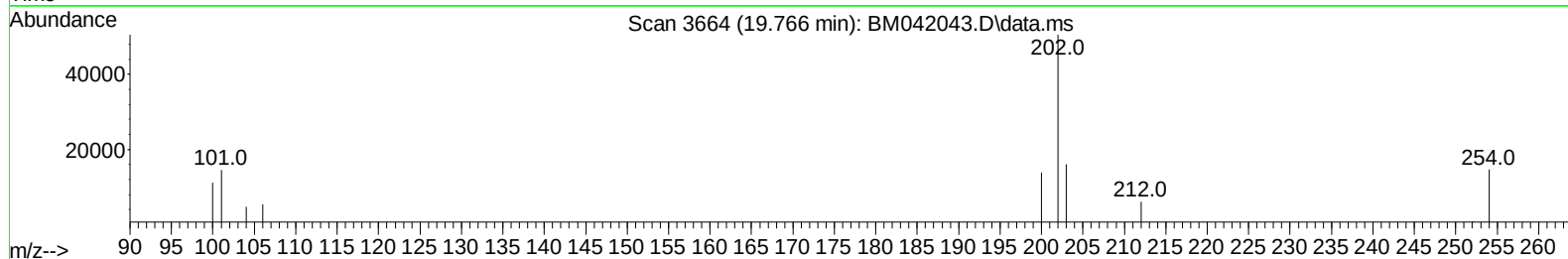
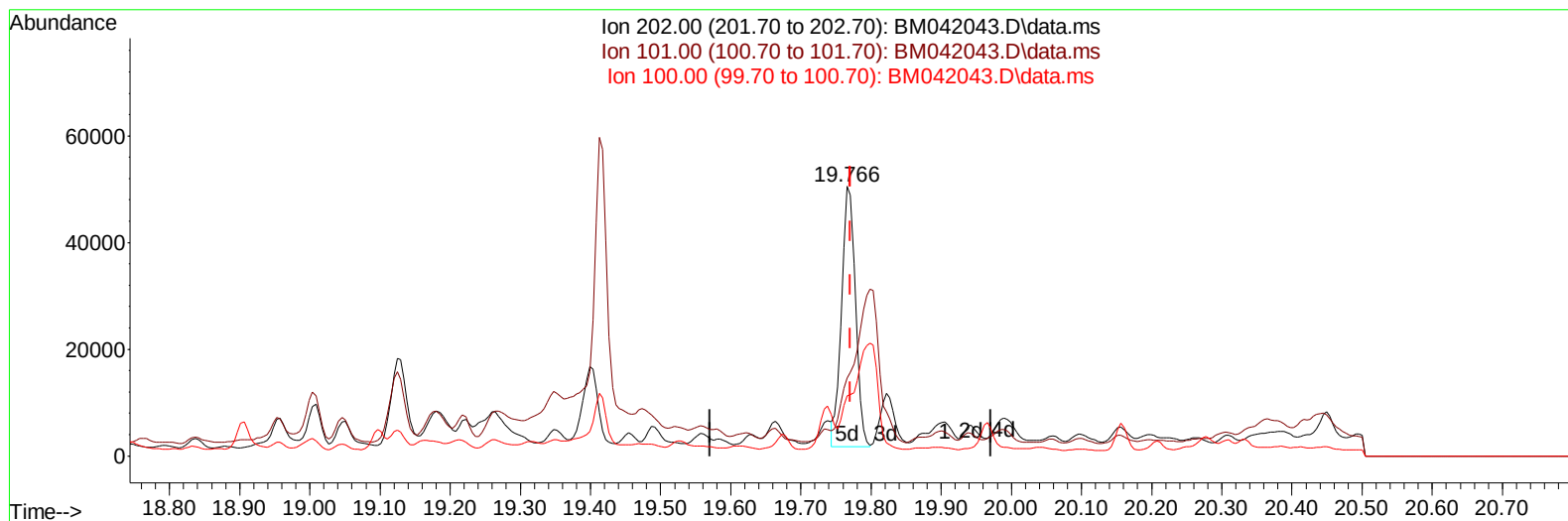
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(20) Pyrene

19.766min (-0.004) 0.90 ng/ul m

response 66755

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	17.60	28.83#
100.00	14.20	22.18#
0.00	0.00	0.00

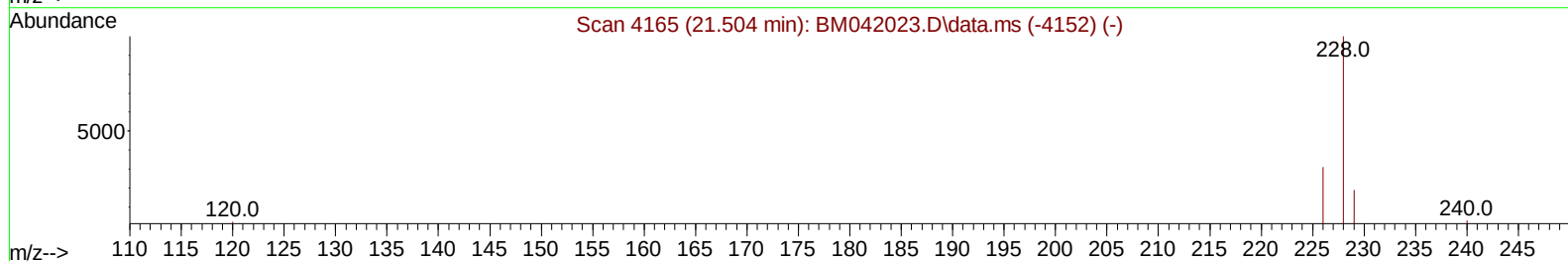
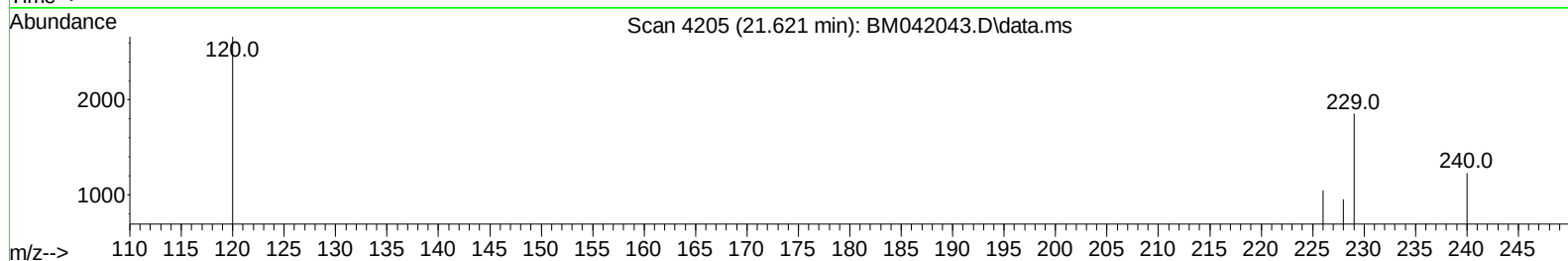
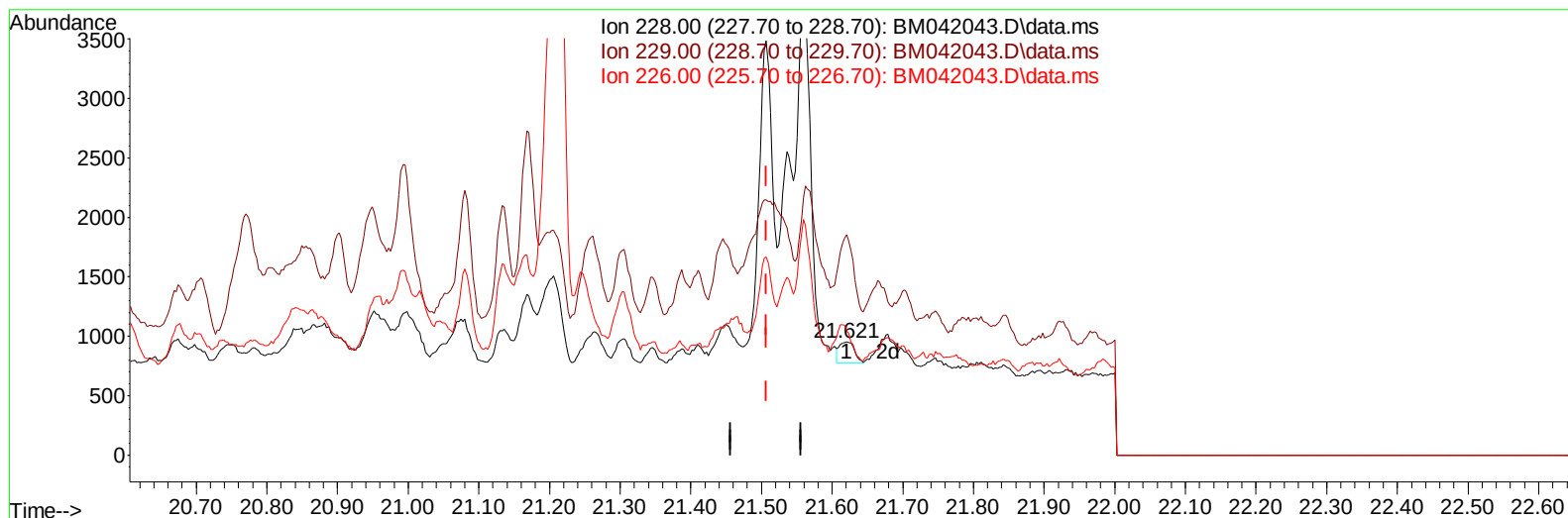
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(21) Benzo(a)anthracene

21.621min (+ 0.114) 0.01 ng/u1

response 258

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	194.75#
226.00	31.00	109.66#
0.00	0.00	0.00

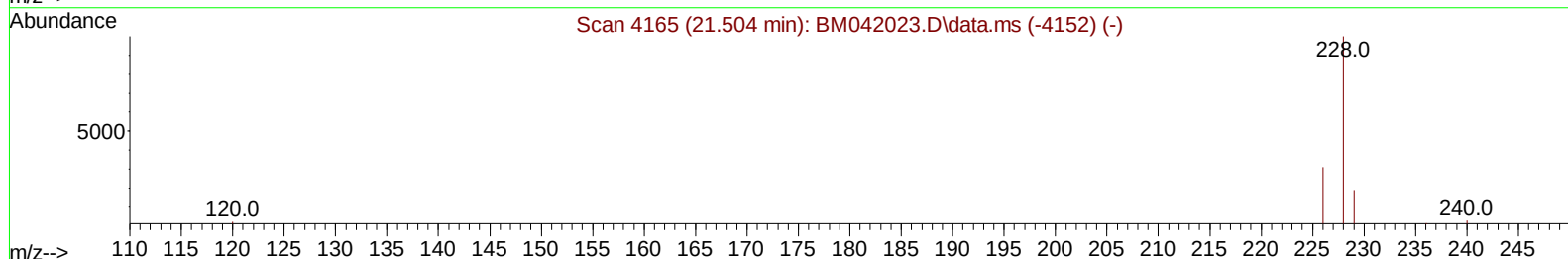
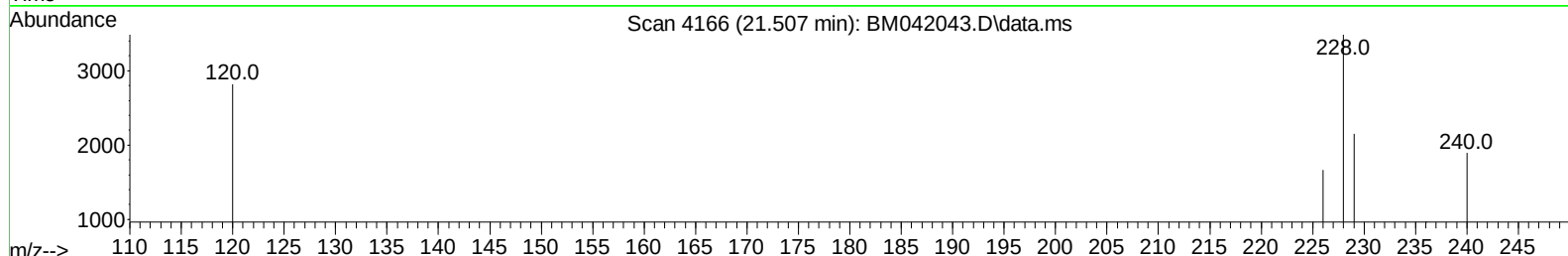
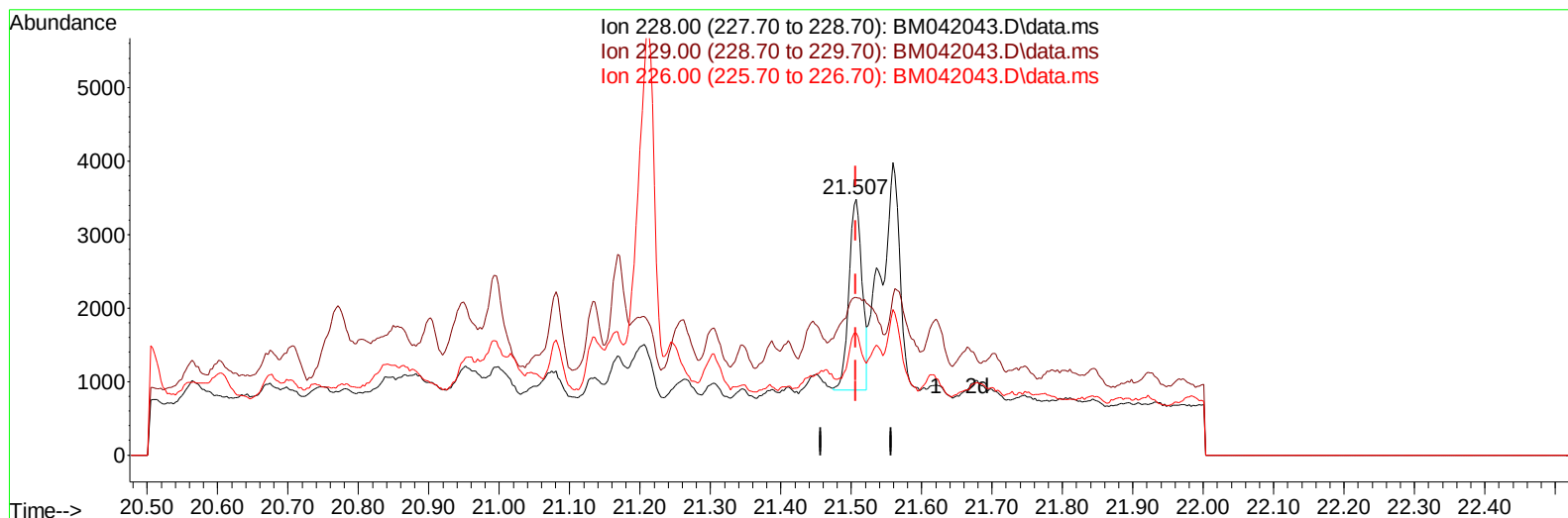
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042043.D\data.ms

(21) Benzo(a)anthracene

21.507min (+ 0.000) 0.07 ng/ul m

response 3405

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.40	61.68#
226.00	31.00	47.79#
0.00	0.00	0.00

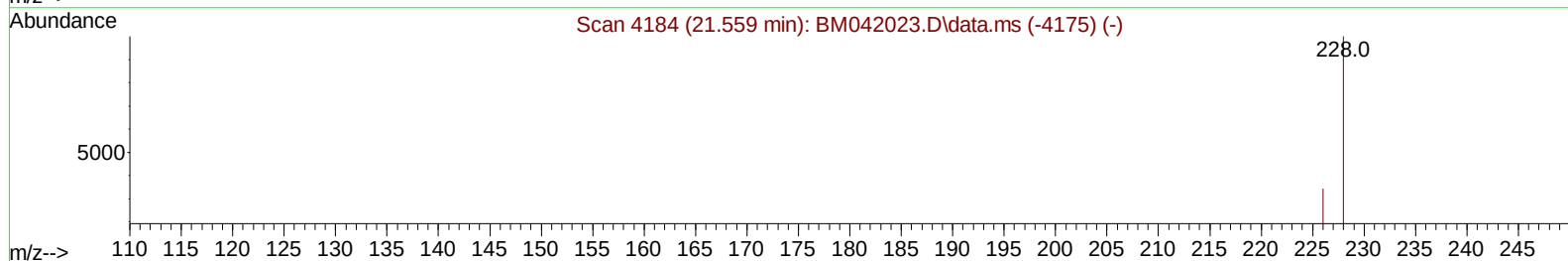
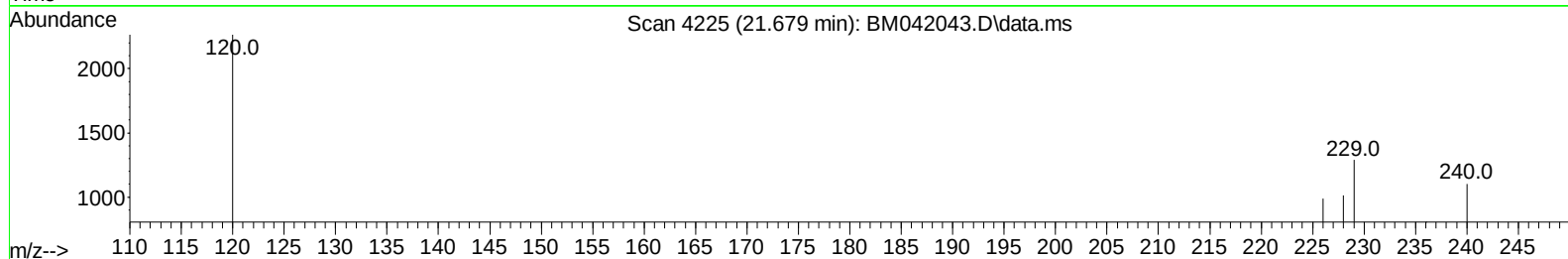
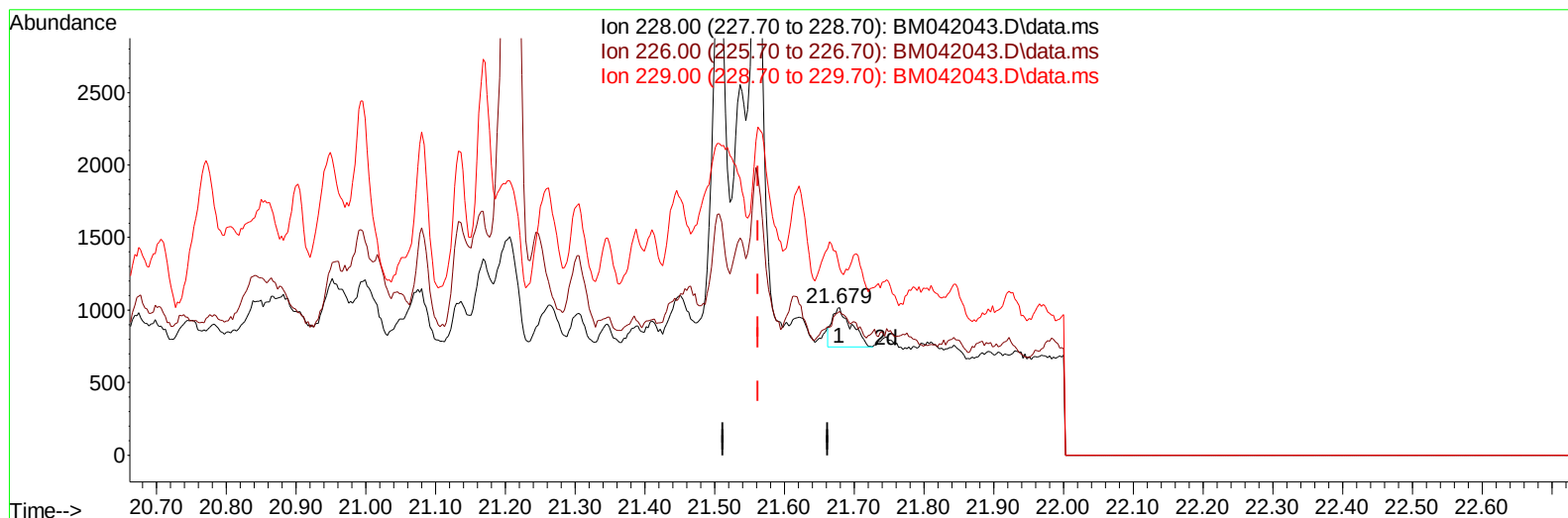
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042043.D
Acq On : 25 Sep 2023 21:36
Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 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: BM042043.D\data.ms

(22) Chrysene

21.679min (+ 0.117) 0.01 ng/u1

response 532

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.70	97.54#
229.00	19.50	126.90#
0.00	0.00	0.00

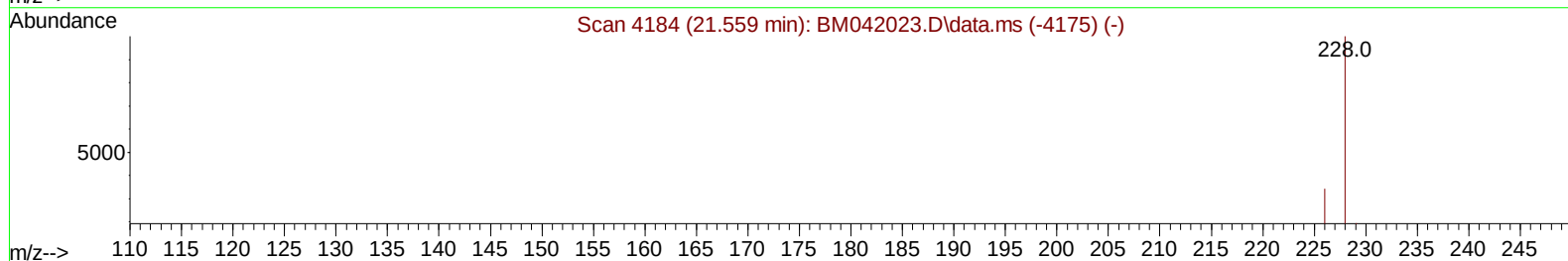
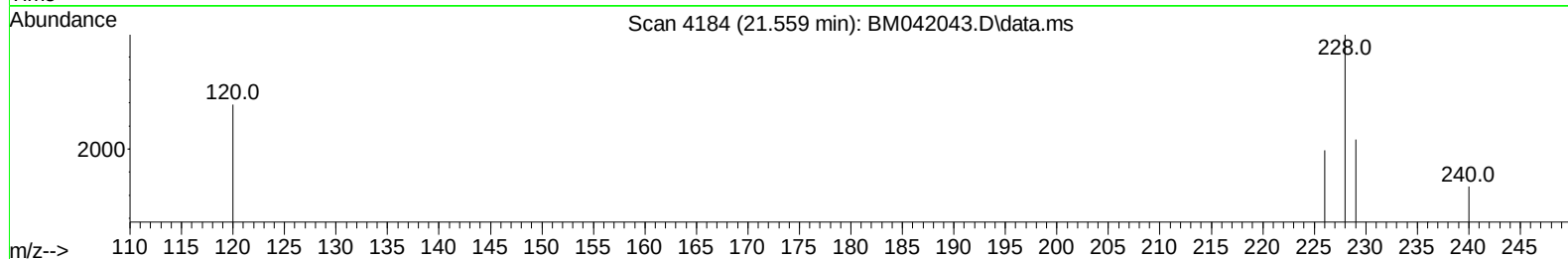
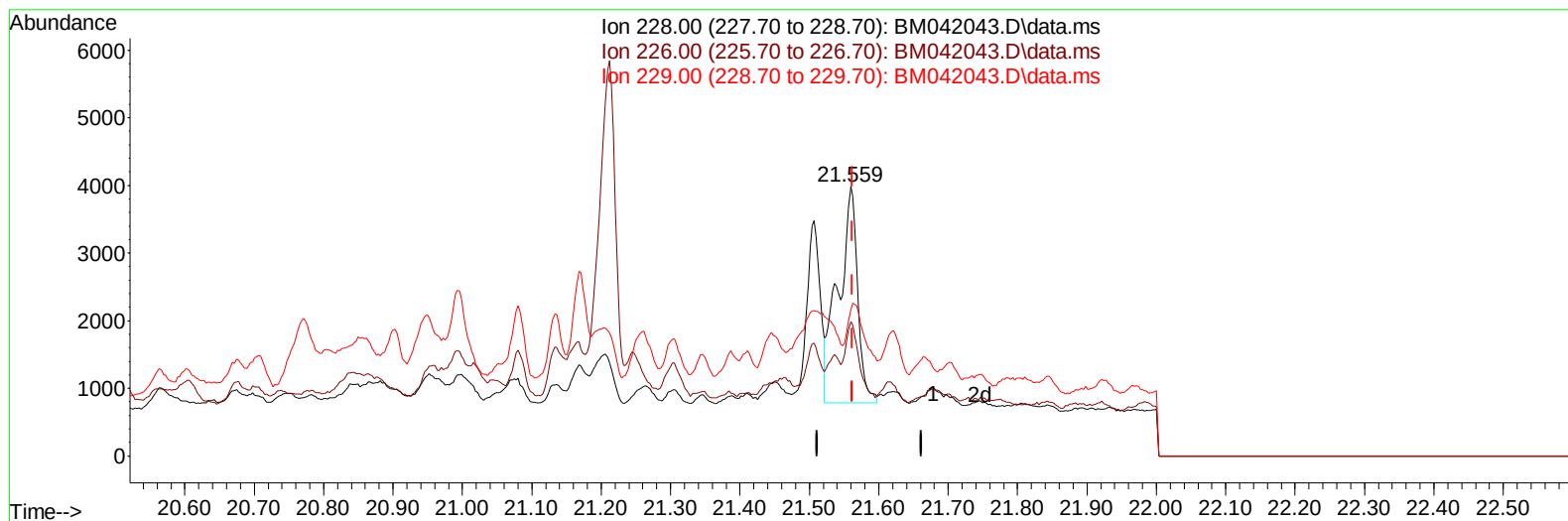
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 09/28/2023



TIC: BM042043.D\data.ms

(22) Chrysene

21.559min (-0.003) 0.12 ng/ul m

response 6227

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.70	49.77#
229.00	19.50	54.37#
0.00	0.00	0.00

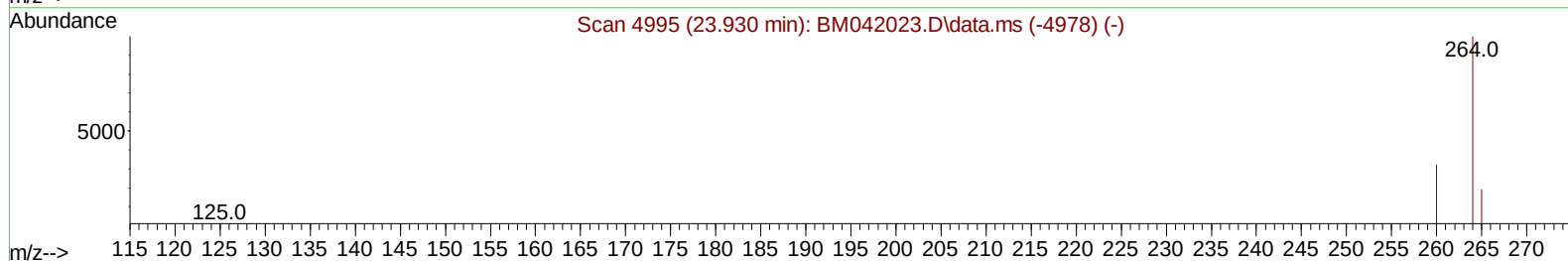
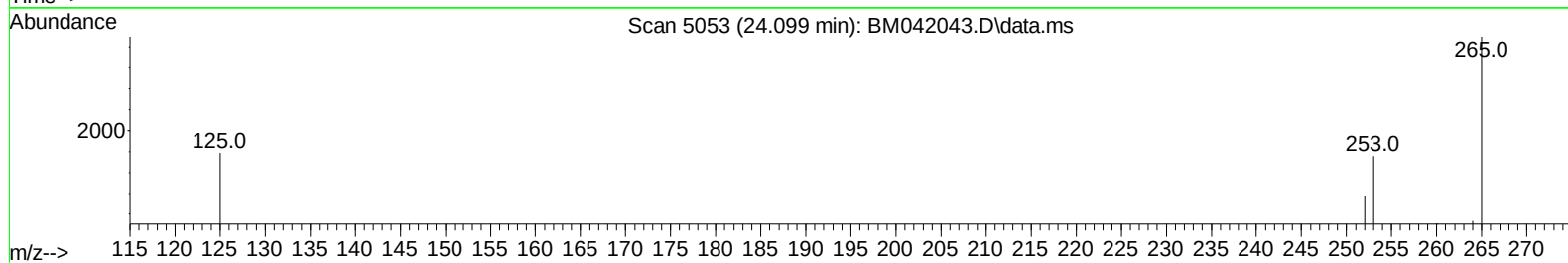
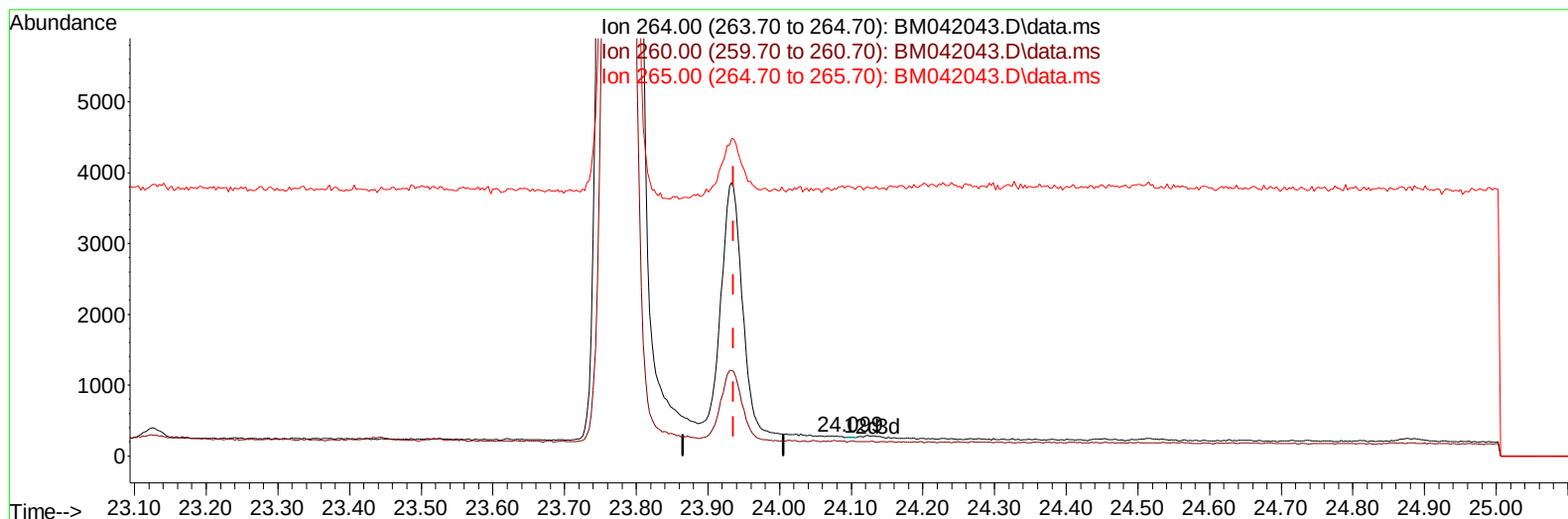
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

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TIC: BM042043.D\data.ms

(23) Perylene-d12 (I)

24.099min (+ 0.164) 0.40 ng/ul

response 4

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.20	78.73#
265.00	124.10	1417.16#
0.00	0.00	0.00

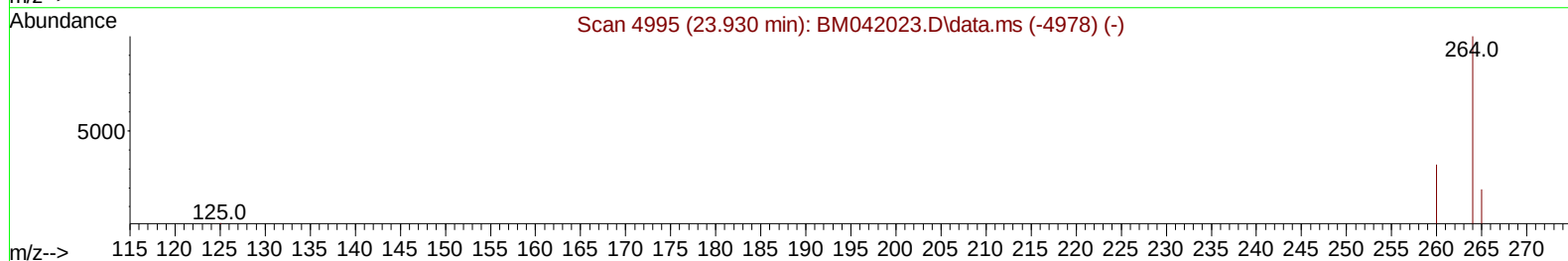
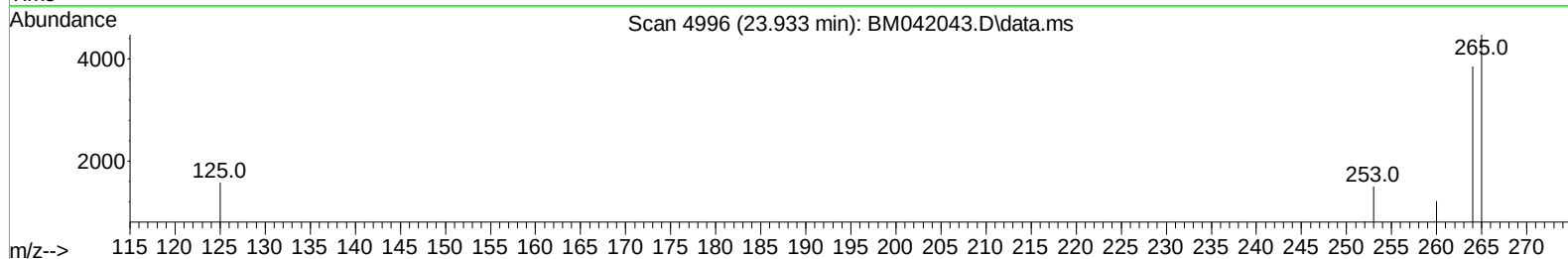
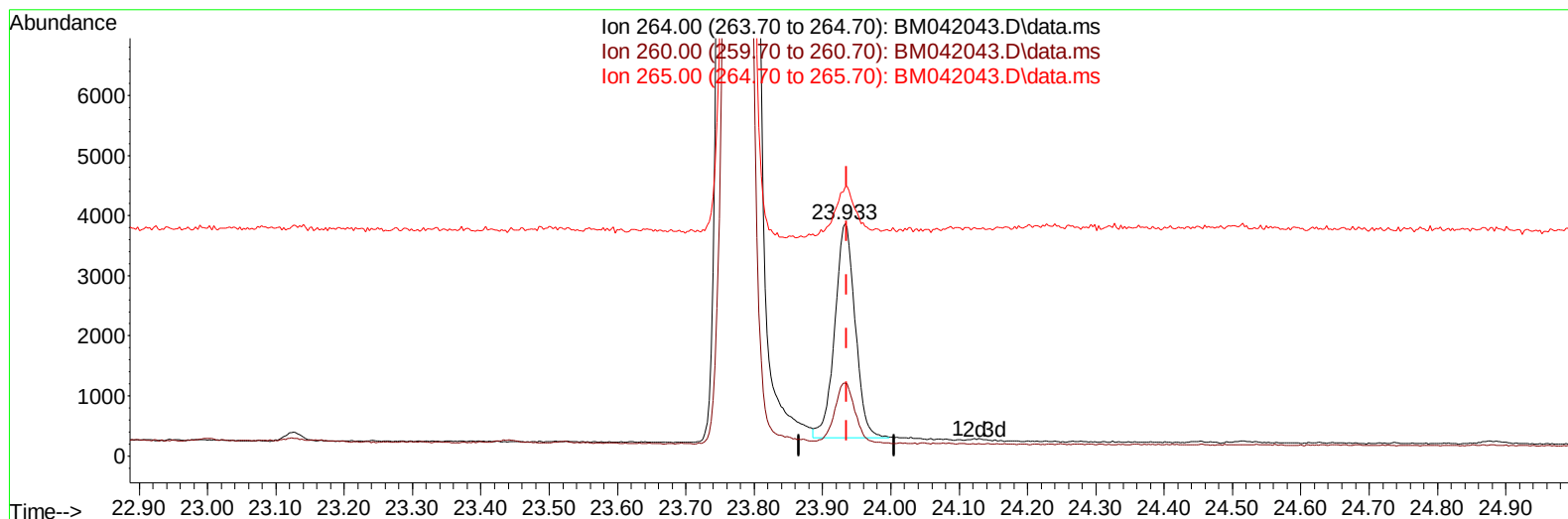
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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TIC: BM042043.D\data.ms

(23) Perylene-d12 (I)

23.933min (-0.003) 0.40 ng/ul m

response 7363

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.20	31.36
265.00	124.10	115.98
0.00	0.00	0.00

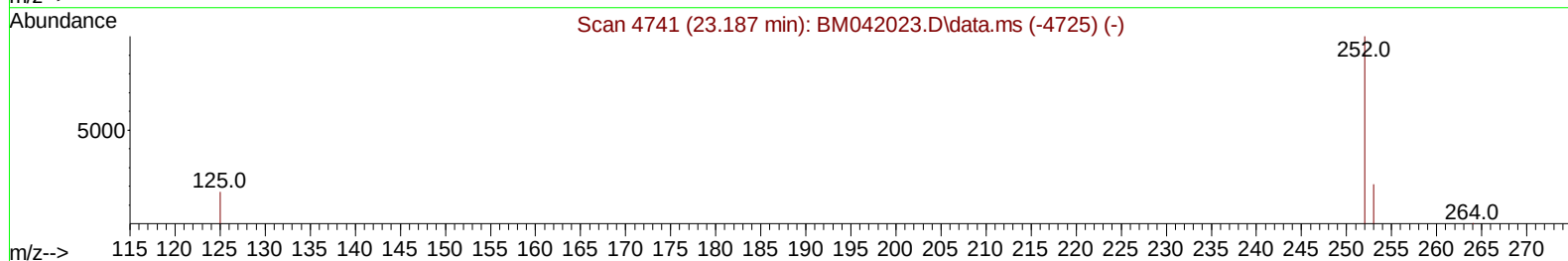
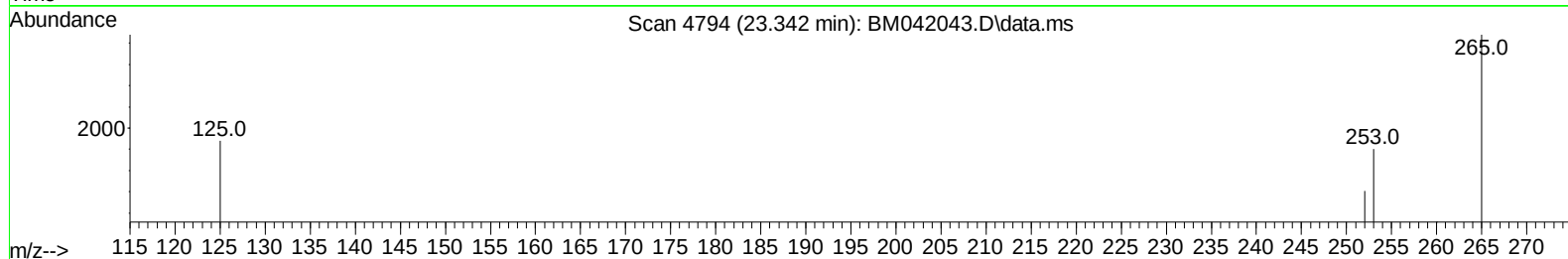
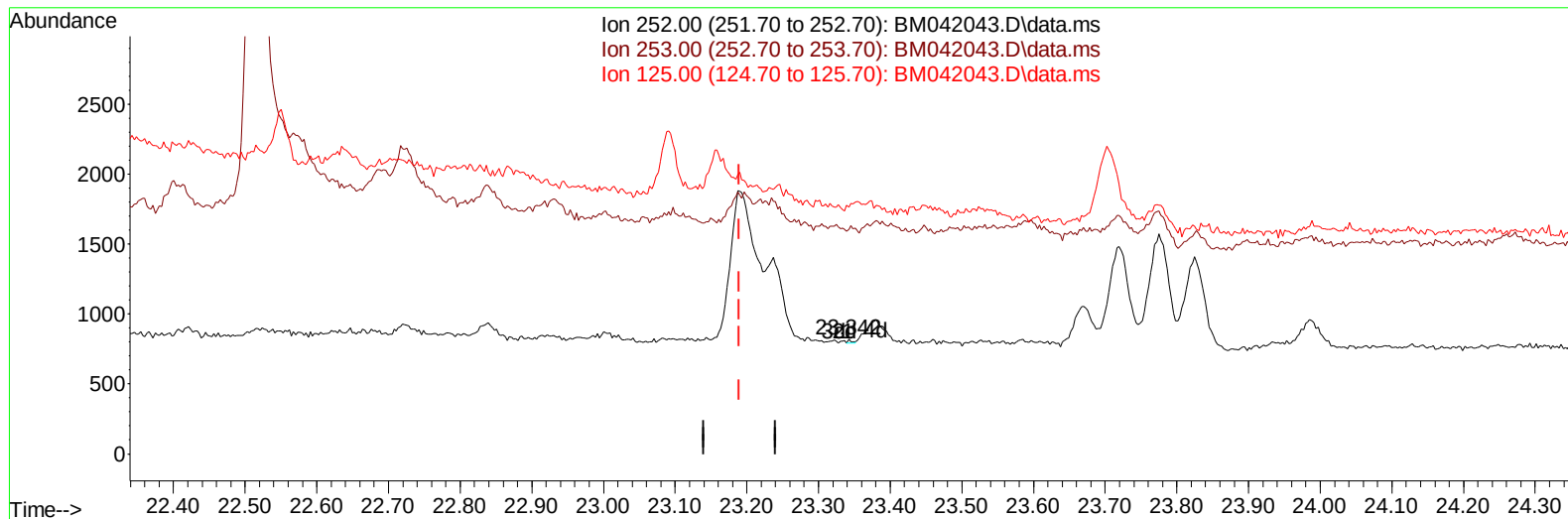
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
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Operator : MA/JU
Sample : 04429-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHJ4

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TIC: BM042043.D\data.ms

(24) Benzo(b)fluoranthene

23.342min (+ 0.152) 0.00 ng/u1

response 9

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	196.45#
125.00	23.10	215.54#
0.00	0.00	0.00

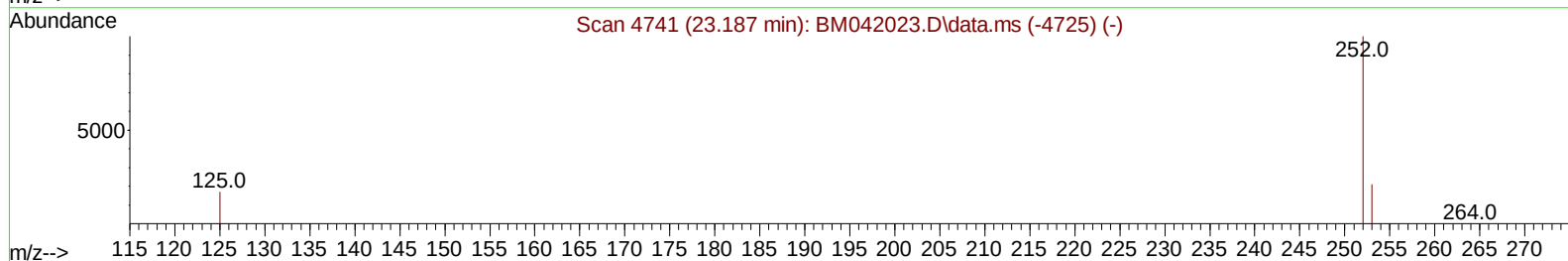
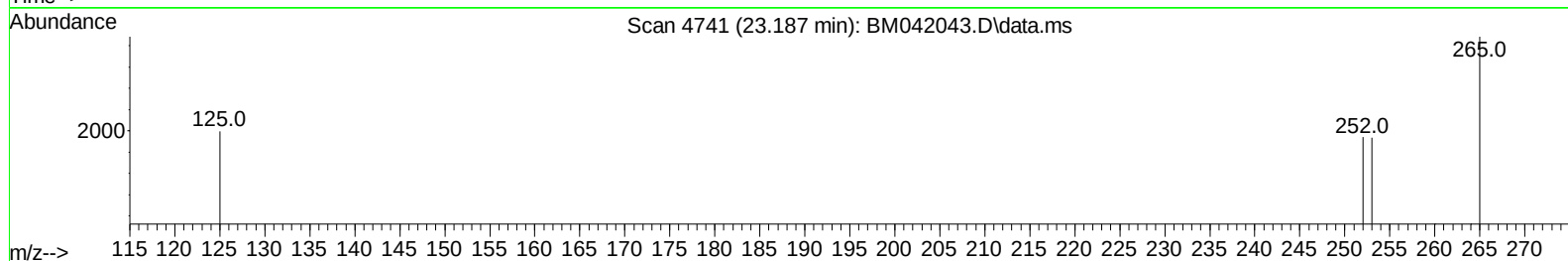
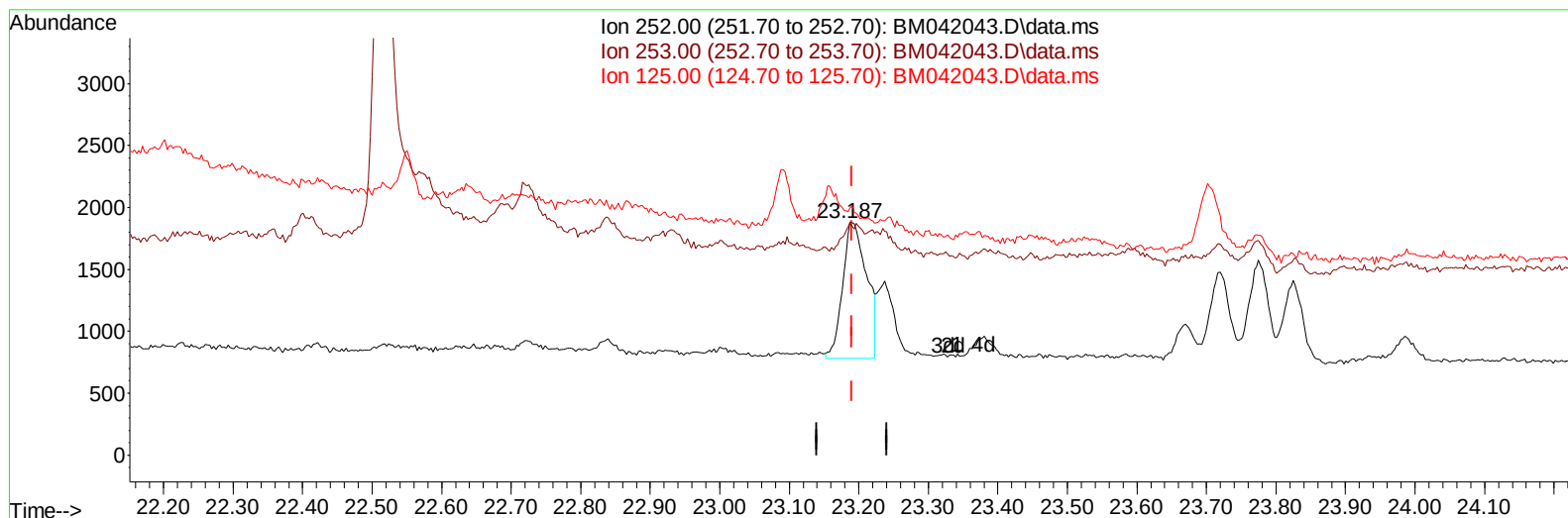
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
 Data File : BM042043.D
 Acq On : 25 Sep 2023 21:36
 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHJ4

Manual IntegrationsAPPROVED

Quant Time: Sep 26 02:20:27 2023
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Reviewed By :Yogesh Patel 09/26/2023
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TIC: BM042043.D\data.ms

(24) Benzo(b)fluoranthene

23.187min (-0.003) 0.05 ng/ul m

response 2626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	99.52#
125.00	23.10	106.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
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 Operator : MA/JU
 Sample : 04429-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4677	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.768	136	11133m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	4872m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10781m	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	6706m	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	7363m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	21399	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	4923	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	3961m	0.143	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	125782	18.758	ng/ul#	85
5) Naphthalene	10.818	128	1569278	42.076	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	1274233	57.314	ng/ul	99
8) 1-Methylnaphthalene	12.649	142	1425723	63.166	ng/ul	98
10) Acenaphthylene	14.315	152	35222m	1.079	ng/ul	
11) Acenaphthene	14.662	153	123113m	4.921	ng/ul	
12) Fluorene	15.647	166	193574m	6.865	ng/ul	
14) Pentachlorophenol	16.987	266	61154m	10.724	ng/ul	
15) Phenanthrene	17.392	178	463722	9.274	ng/ul	98
16) Anthracene	17.489	178	32592m	0.754	ng/ul	
19) Fluoranthene	19.399	202	21333m	0.281	ng/ul	
20) Pyrene	19.766	202	66755m	0.896	ng/ul	
21) Benzo(a)anthracene	21.507	228	3405m	0.067	ng/ul	
22) Chrysene	21.559	228	6227m	0.119	ng/ul	
24) Benzo(b)fluoranthene	23.187	252	2626m	0.046	ng/ul	

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

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