

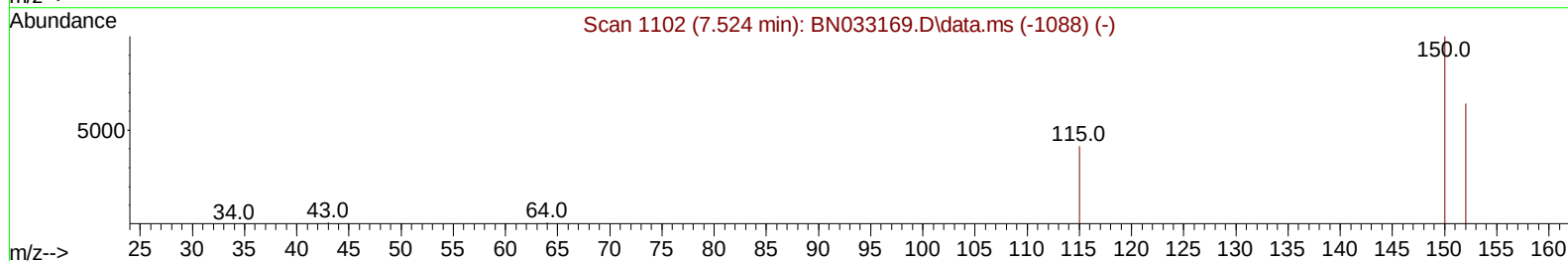
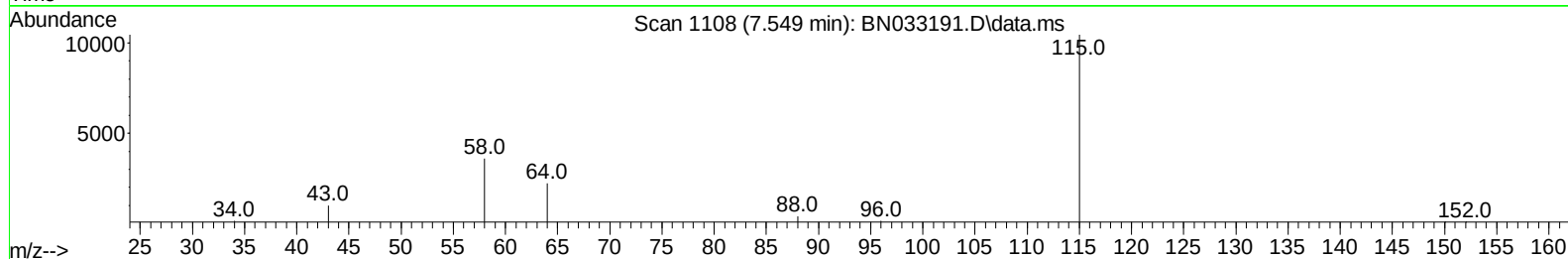
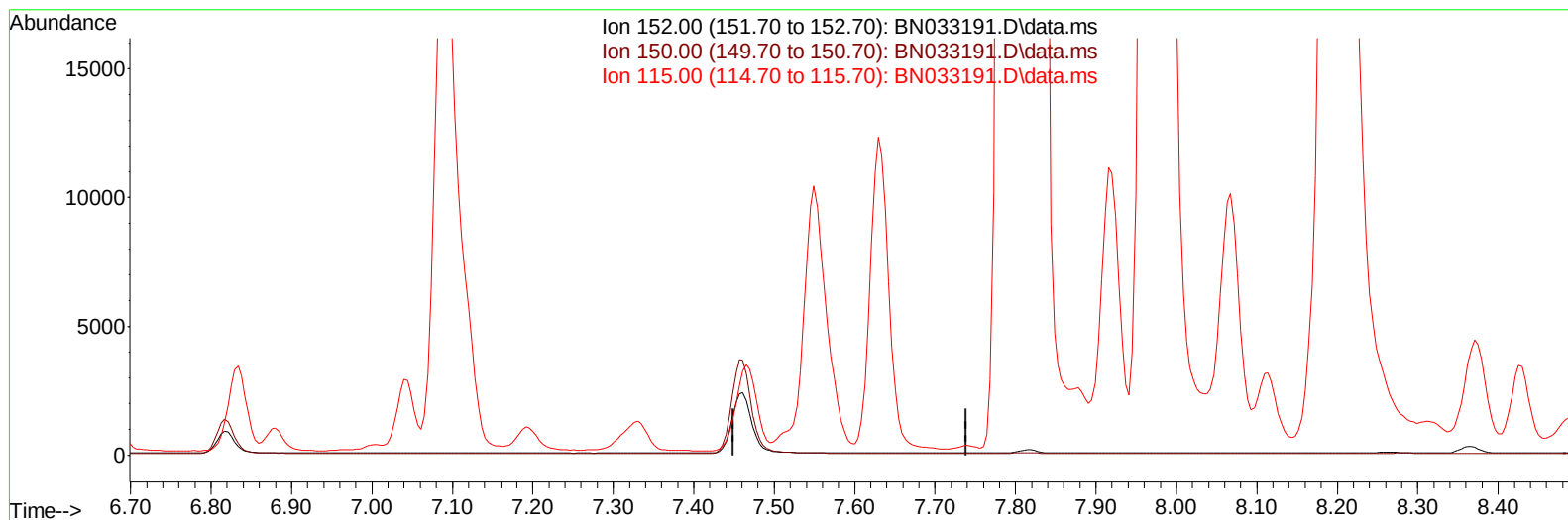
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.549min (-7.549) 0.00 ng/ul

response 0

Ion	Exp%	Act%
152.00	100.00	0.00
150.00	143.10	0.00#
115.00	84.50	0.00#
0.00	0.00	0.00

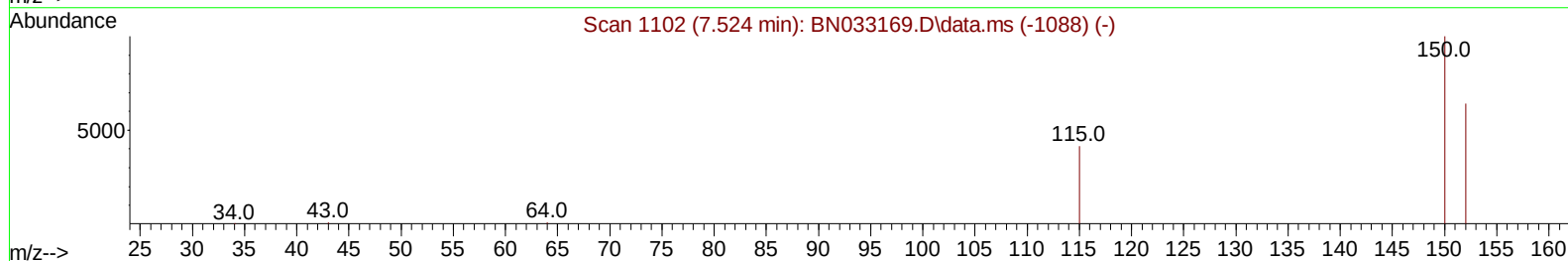
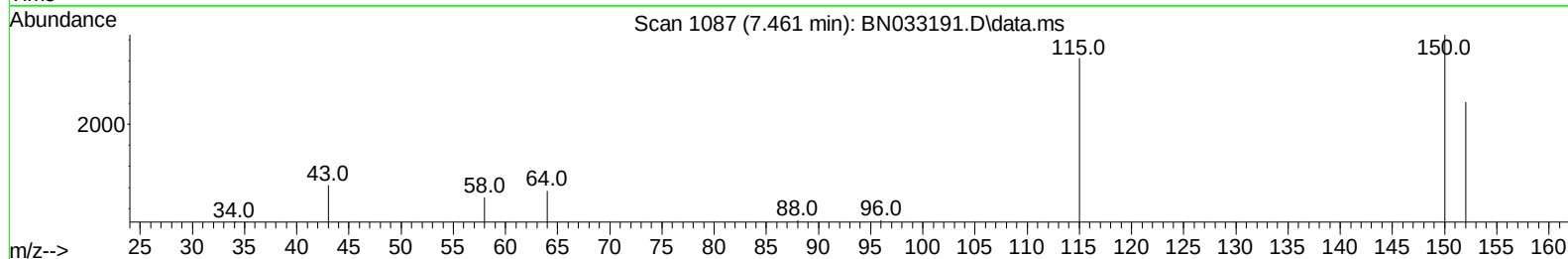
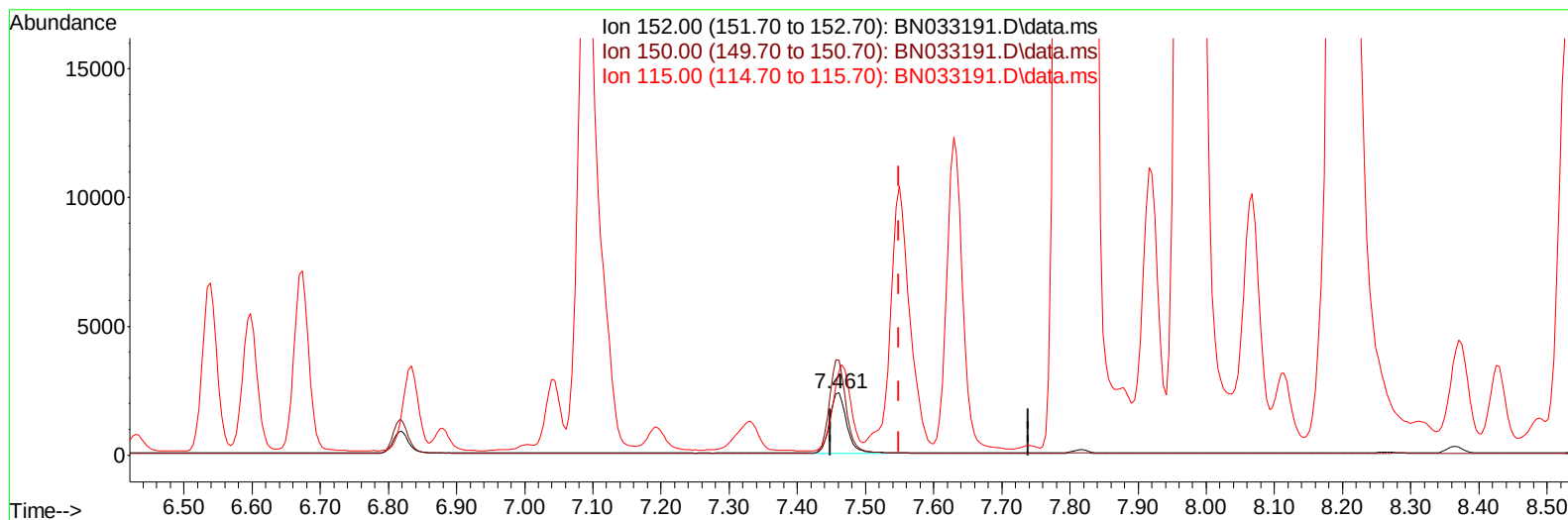
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Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.461min (-0.088) 0.40 ng/ul m

response 4046

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	152.94
115.00	84.50	134.64#
0.00	0.00	0.00

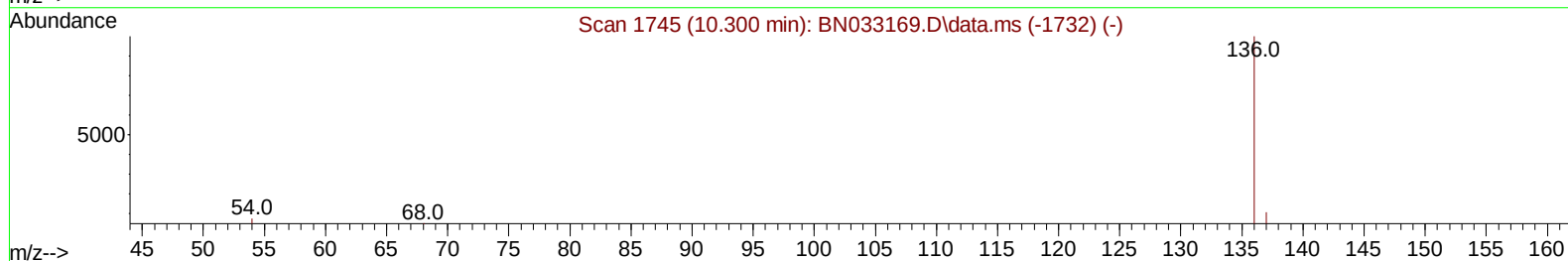
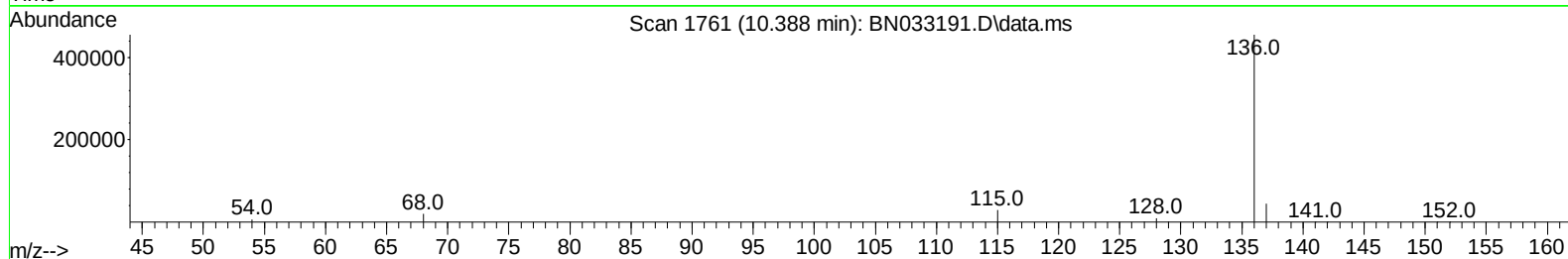
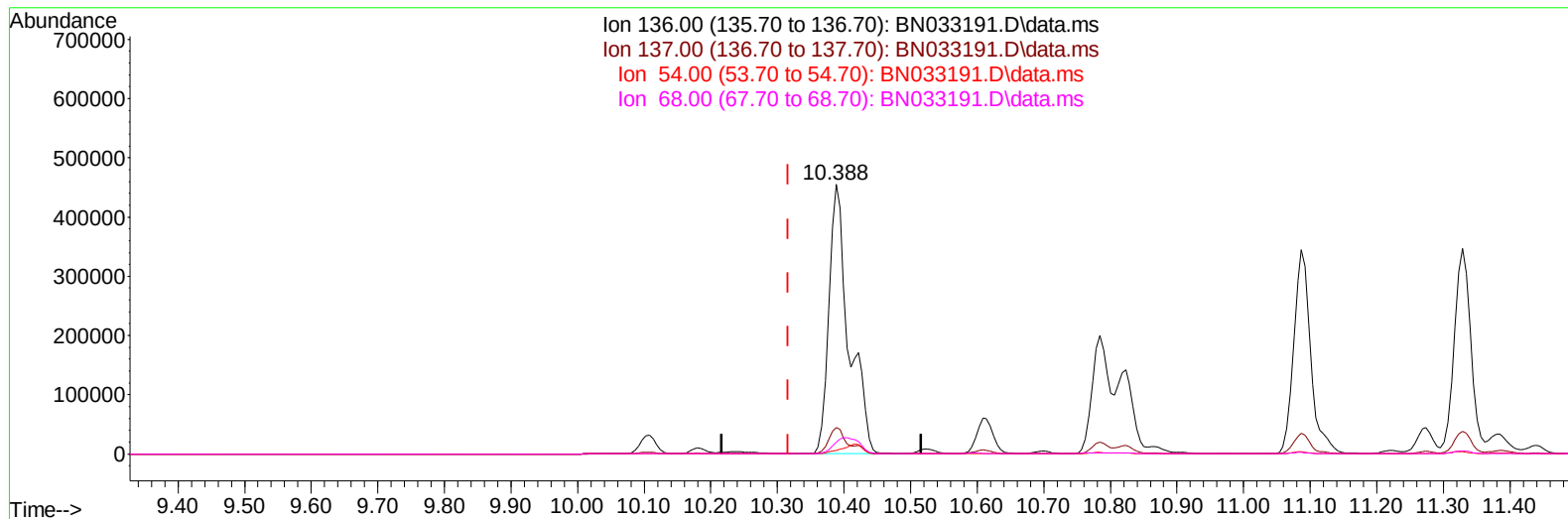
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN033191.D\data.ms

(4) Naphthalene-d8 (I)

10.388min (+ 0.072) 0.40 ng/ul

response 948809

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	13.50	9.88#
54.00	11.40	1.40#
68.00	10.40	4.33#

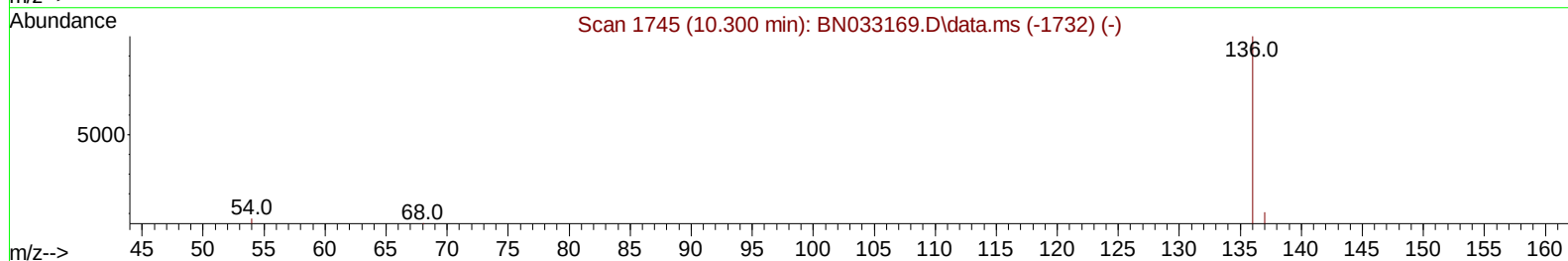
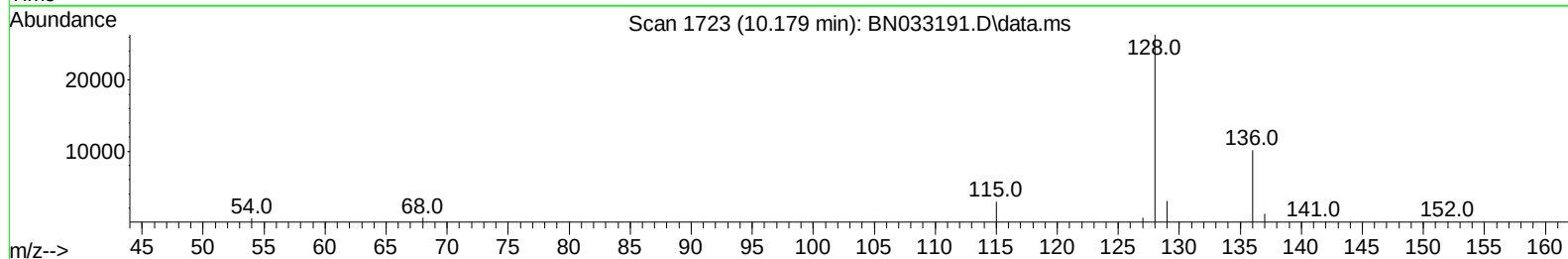
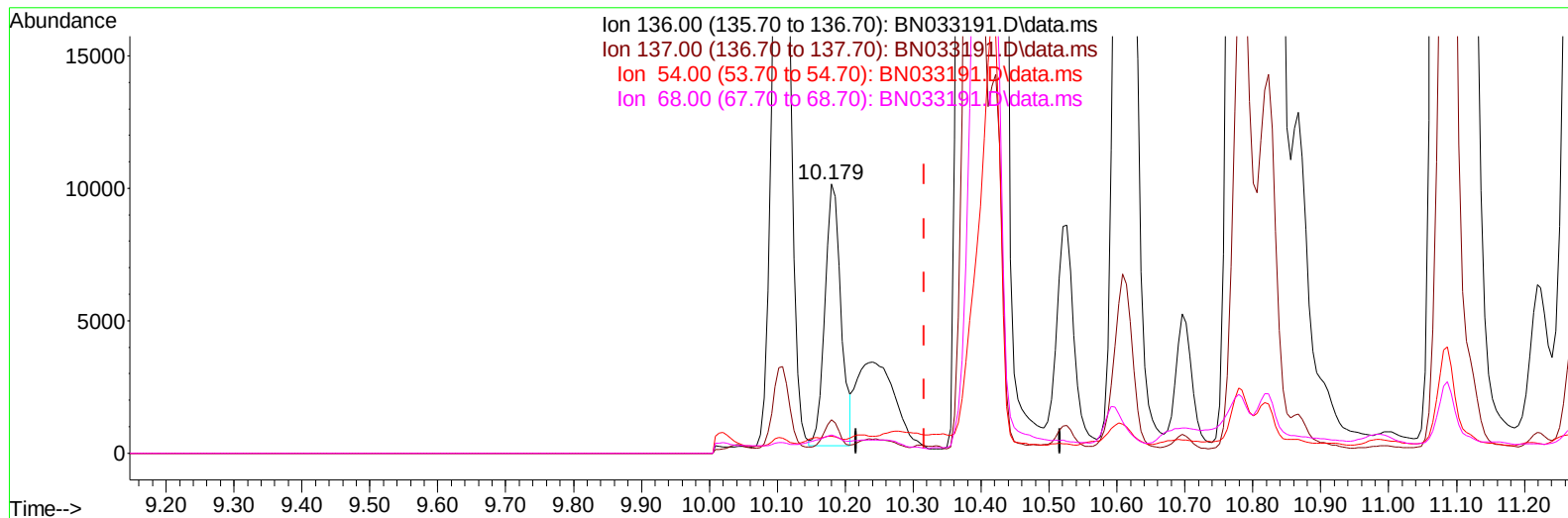
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(4) Naphthalene-d8 (I)

10.179min (-0.137) 0.40 ng/ul m

response 16238

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	13.50	12.31
54.00	11.40	6.35#
68.00	10.40	6.76#

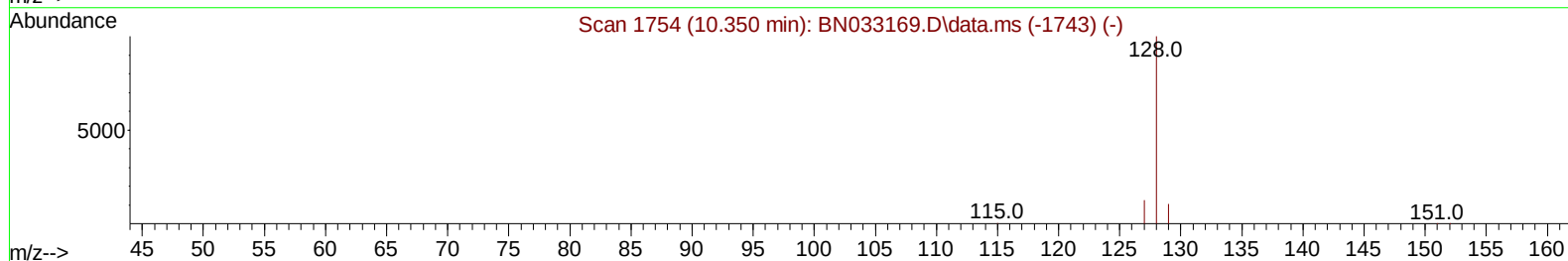
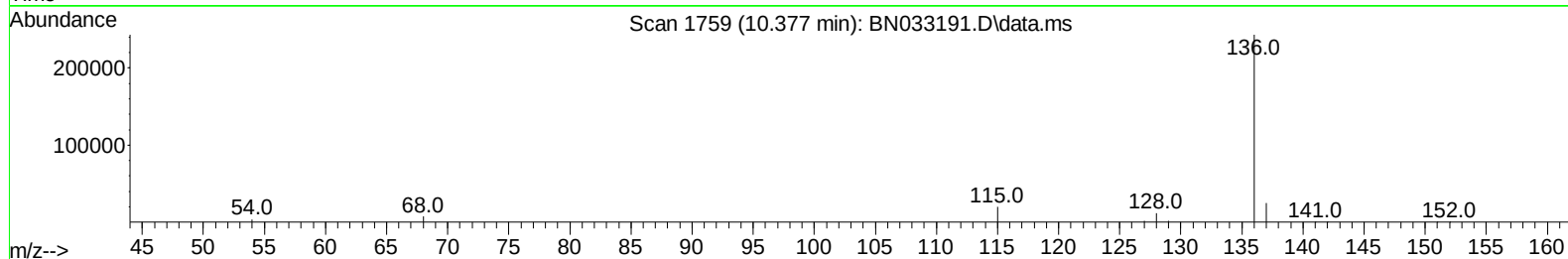
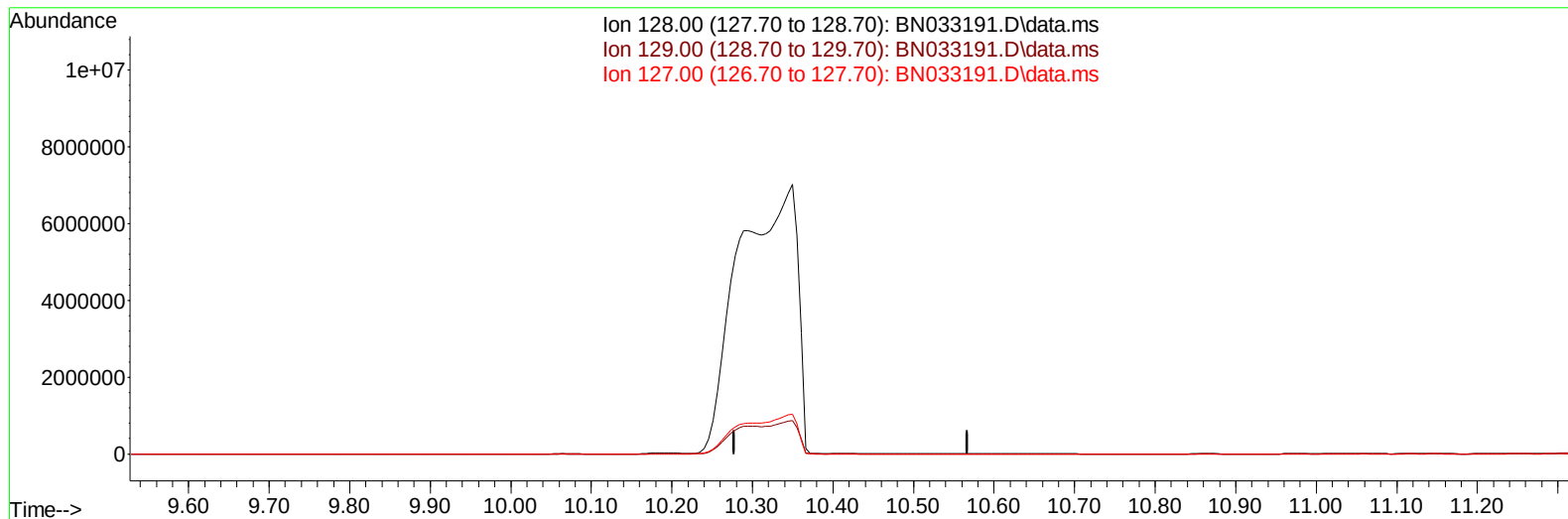
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
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TIC: BN033191.D\data.ms

(5) Naphthalene

10.377min (-10.377) 0.00 ng/ul

response 0

Ion	Exp%	Act%
128.00	100.00	0.00
129.00	15.00	0.00#
127.00	15.90	0.00#
0.00	0.00	0.00

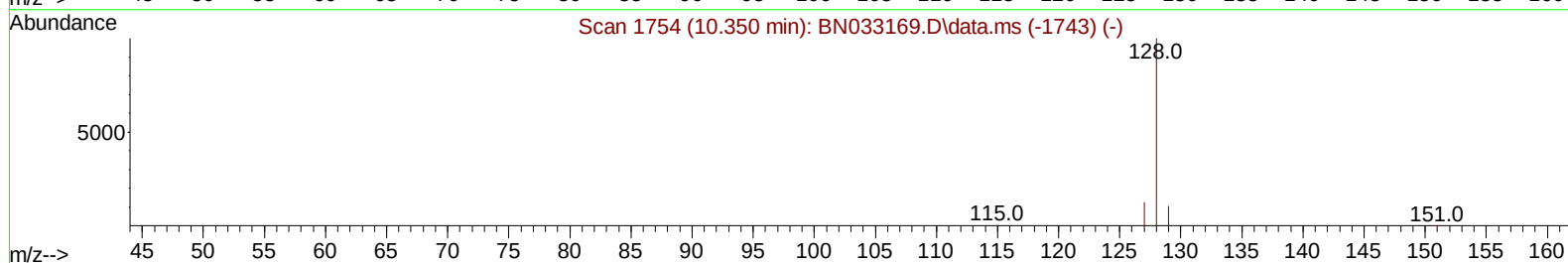
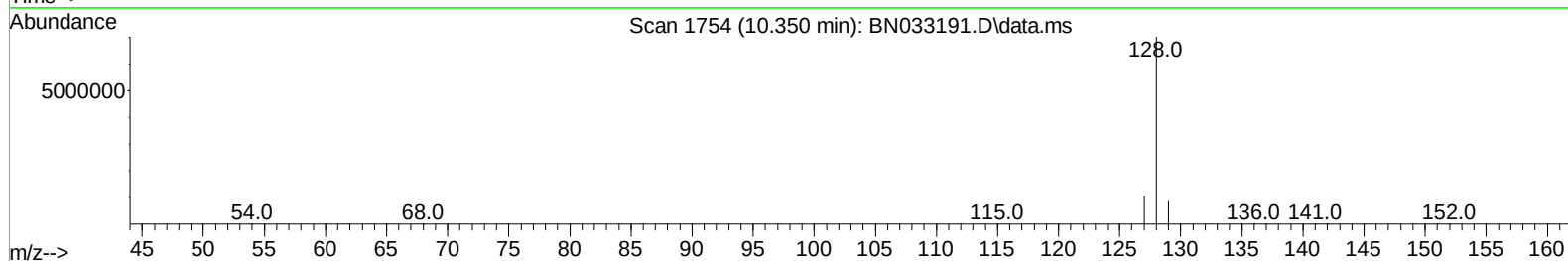
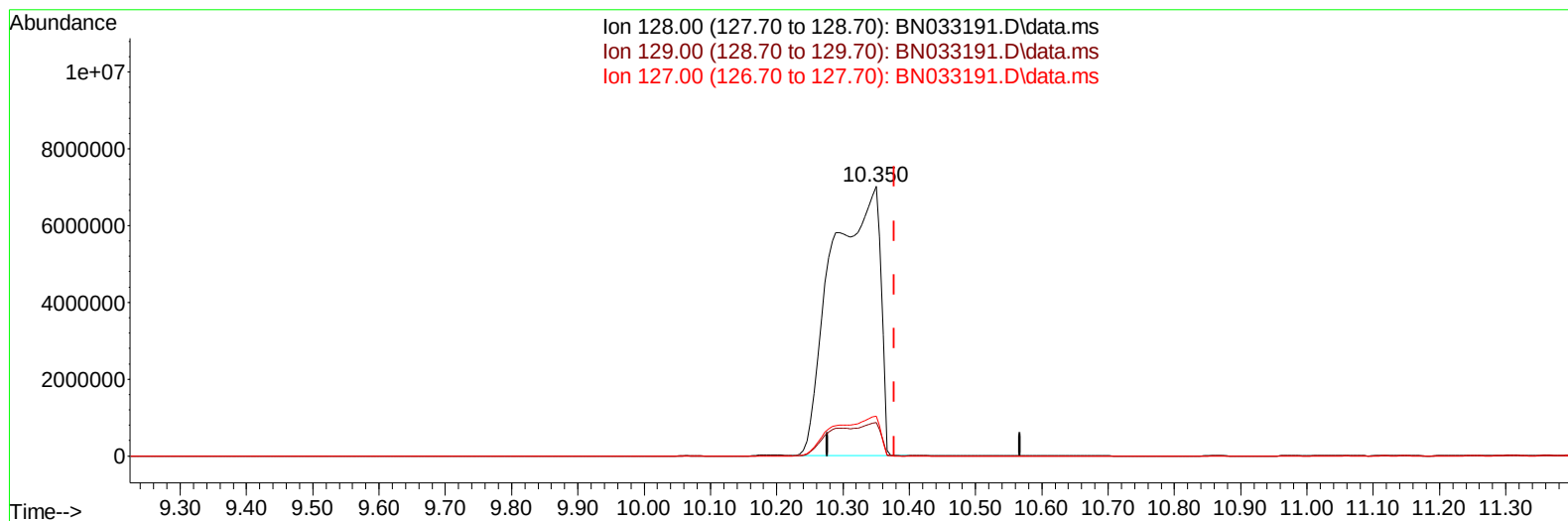
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Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN033191.D\data.ms

(5) Naphthalene

10.350min (-0.027) 841.89 ng/ul m

response 35106260

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	15.00	12.36
127.00	15.90	14.84
0.00	0.00	0.00

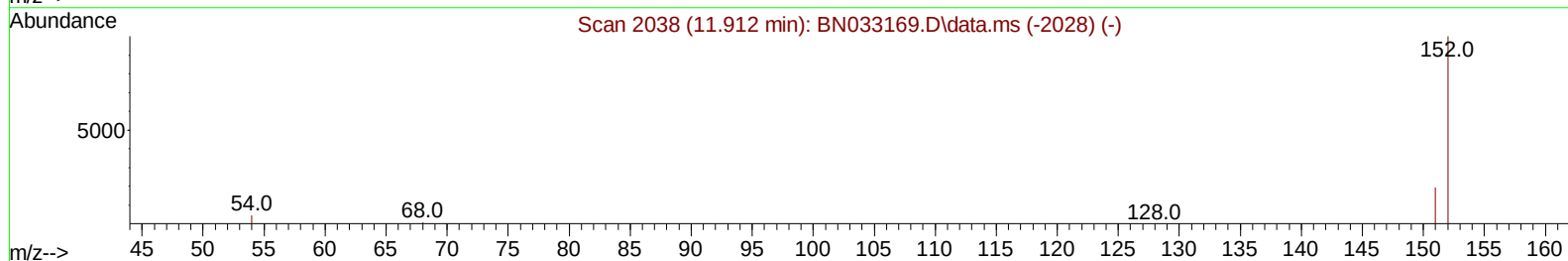
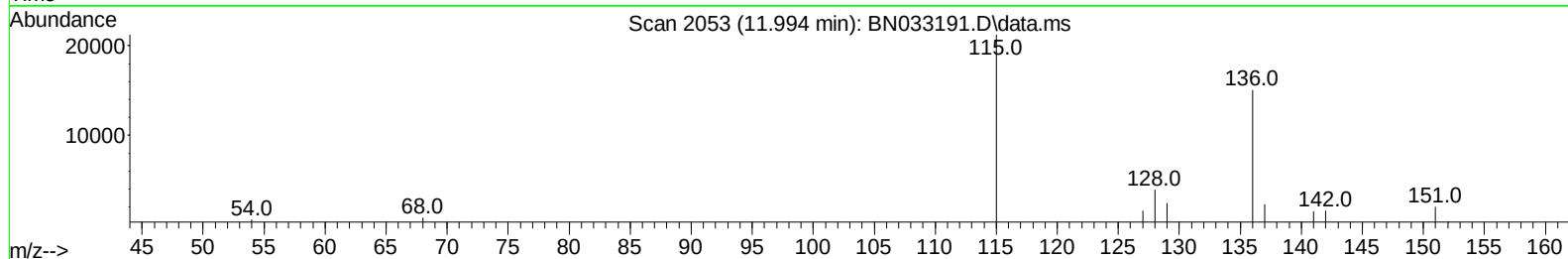
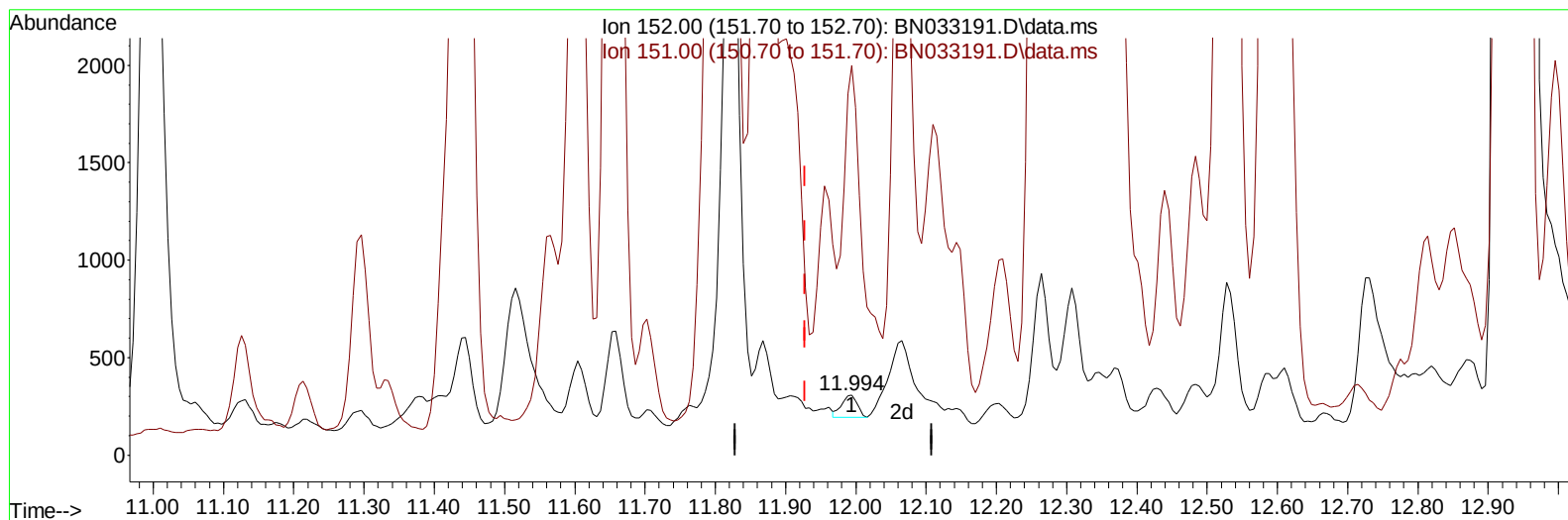
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

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TIC: BN033191.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.994min (+ 0.066) 0.01 ng/u1

response 175

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.80	1397.71#
0.00	0.00	0.00
0.00	0.00	0.00

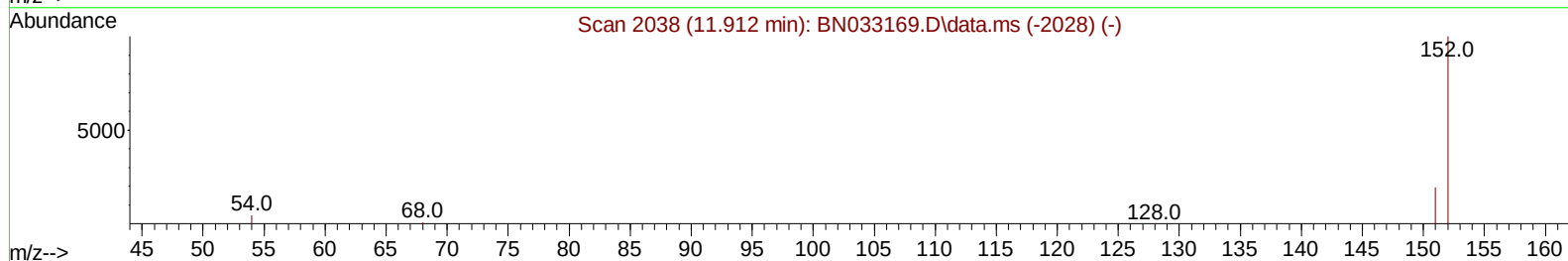
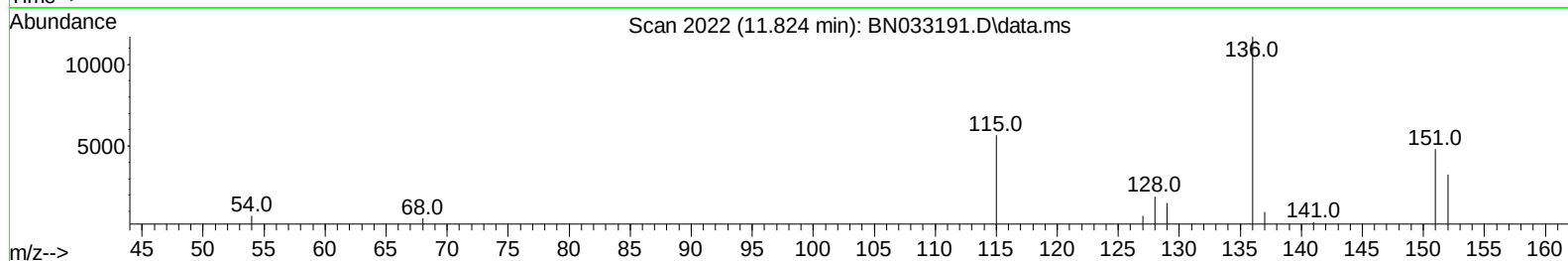
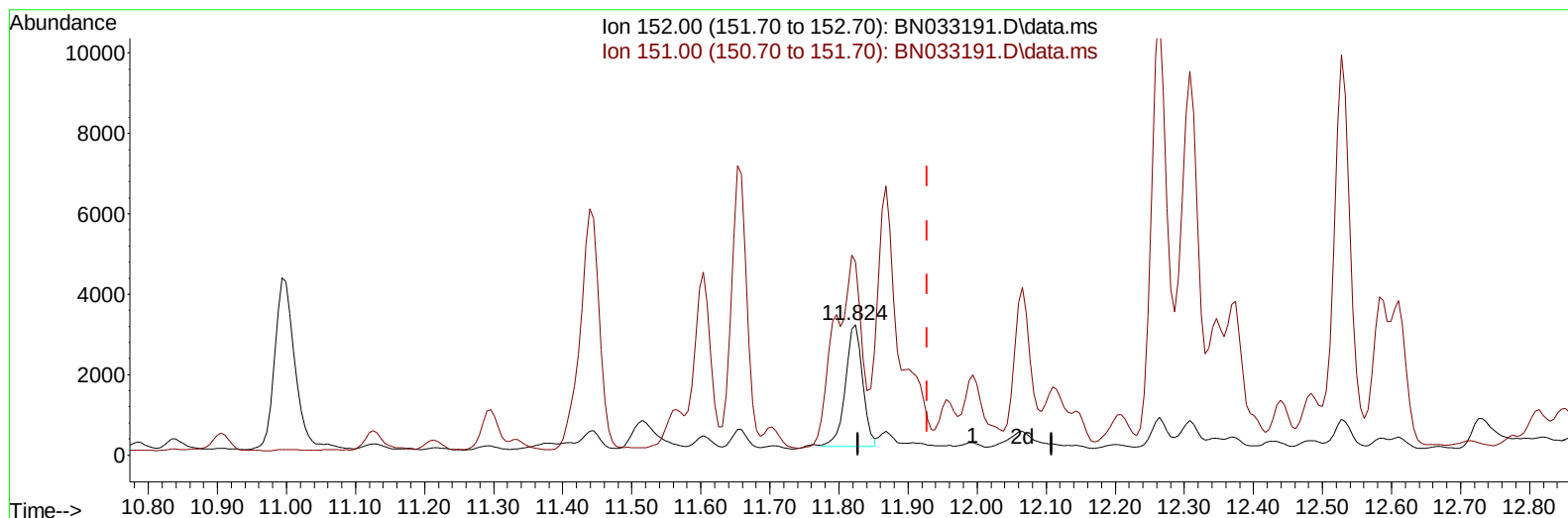
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.824min (-0.104) 0.20 ng/ul m

response 5186

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.80	47.17#
0.00	0.00	0.00
0.00	0.00	0.00

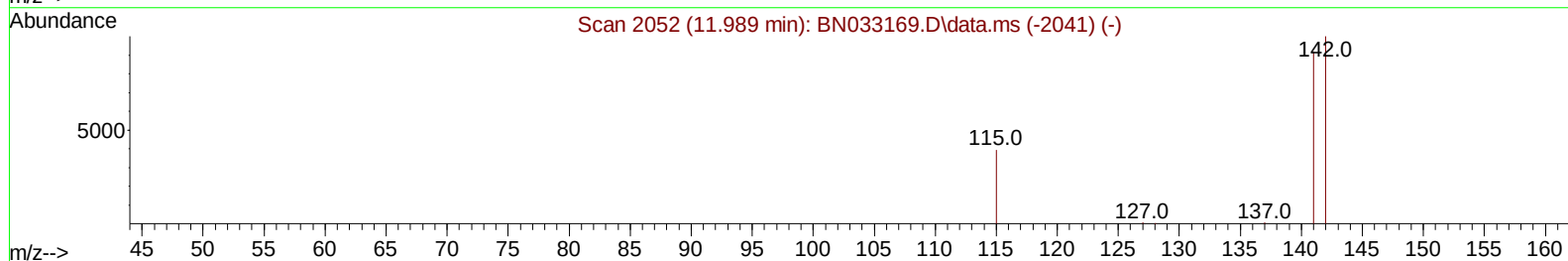
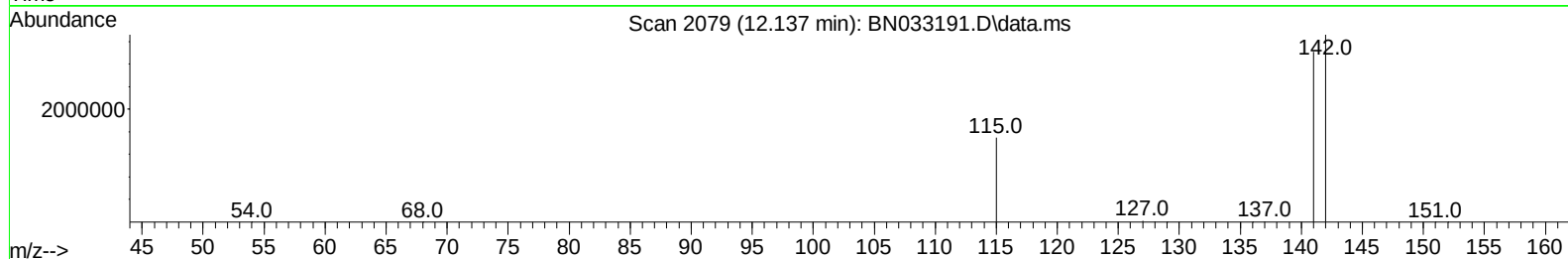
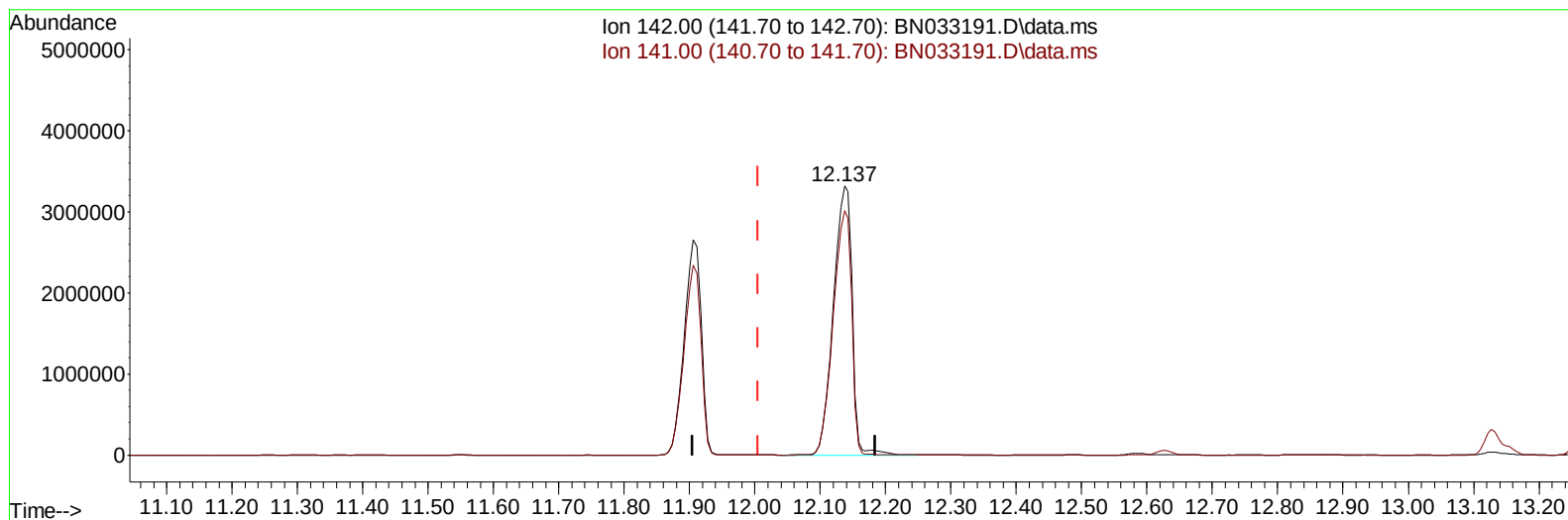
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

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TIC: BN033191.D\data.ms

(7) 2-Methylnaphthalene

12.137min (+ 0.132) 234.39 ng/ul

response 6621146

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	88.97
0.00	0.00	0.00
0.00	0.00	0.00

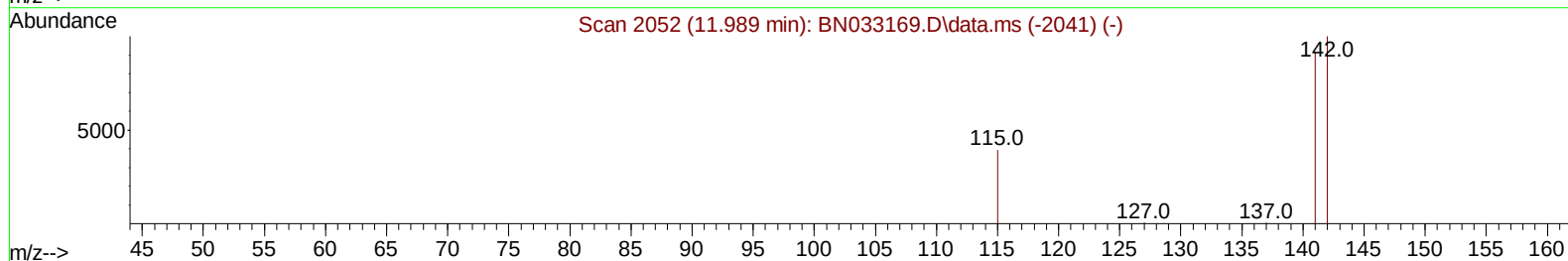
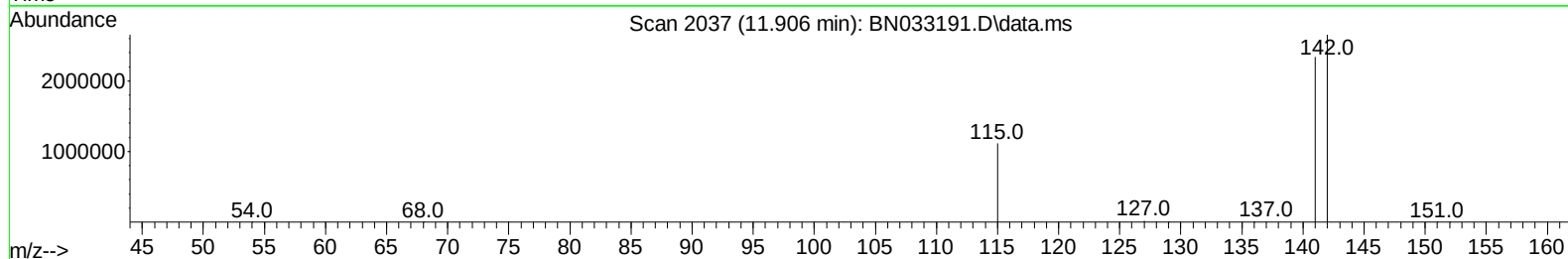
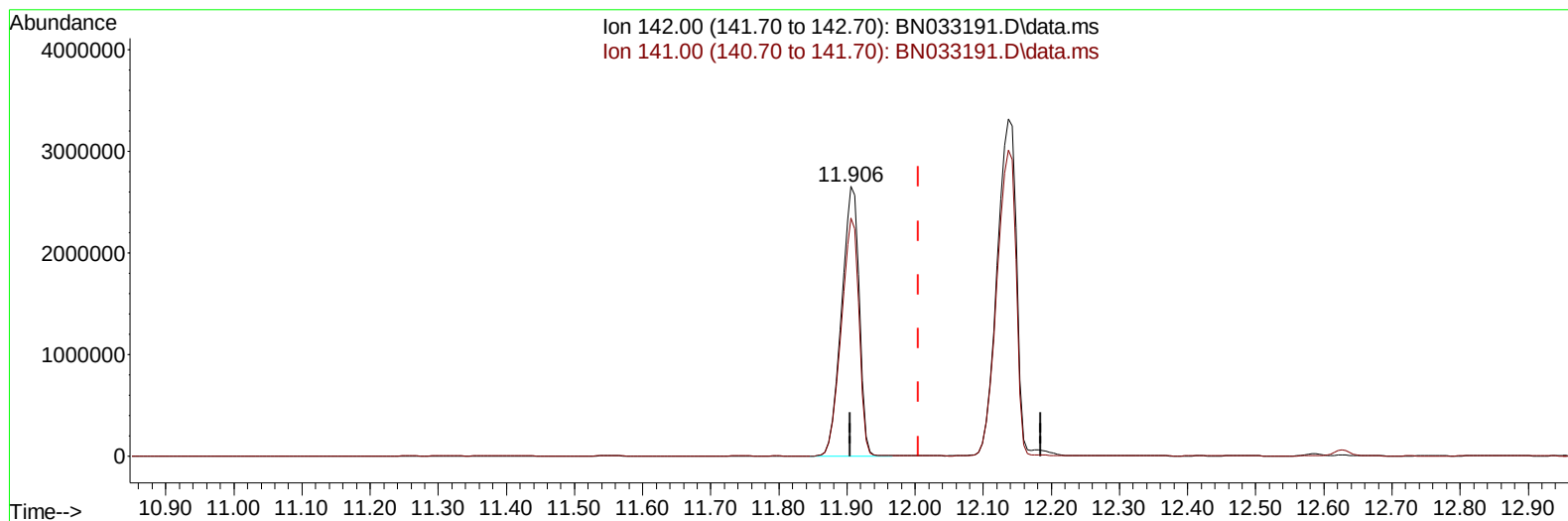
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
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TIC: BN033191.D\data.ms

(7) 2-Methylnaphthalene

11.906min (-0.099) 171.26 ng/ul m

response 4837628

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	121.77#
0.00	0.00	0.00
0.00	0.00	0.00

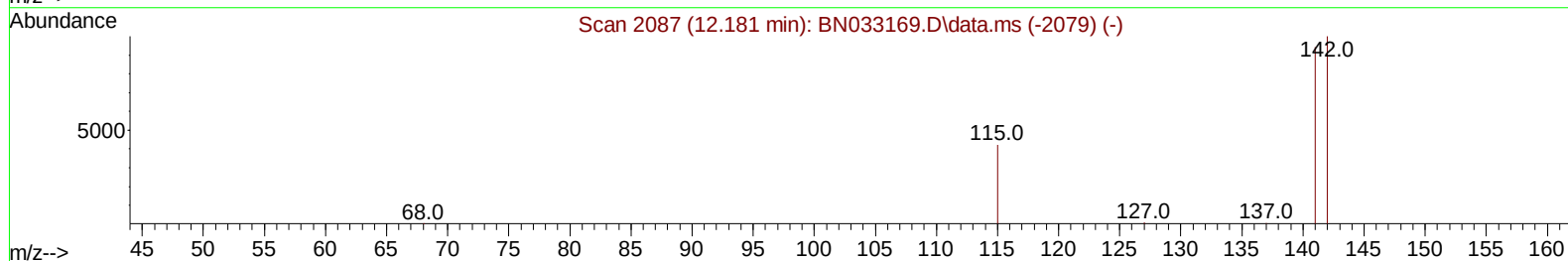
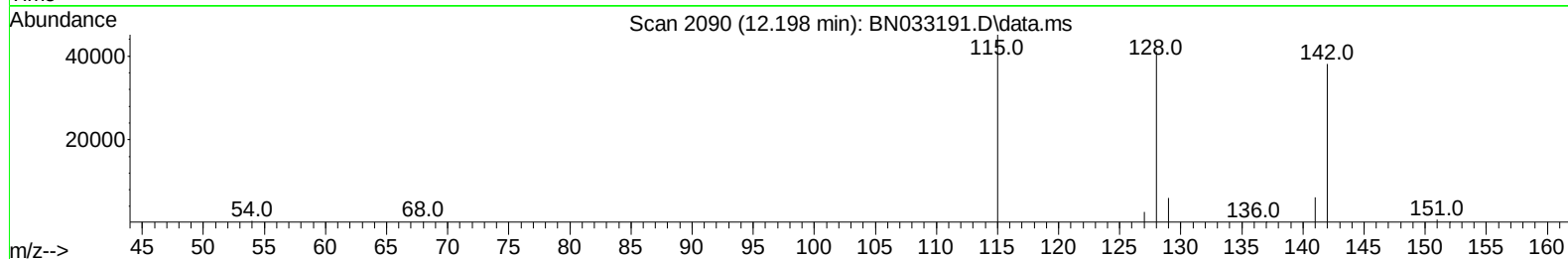
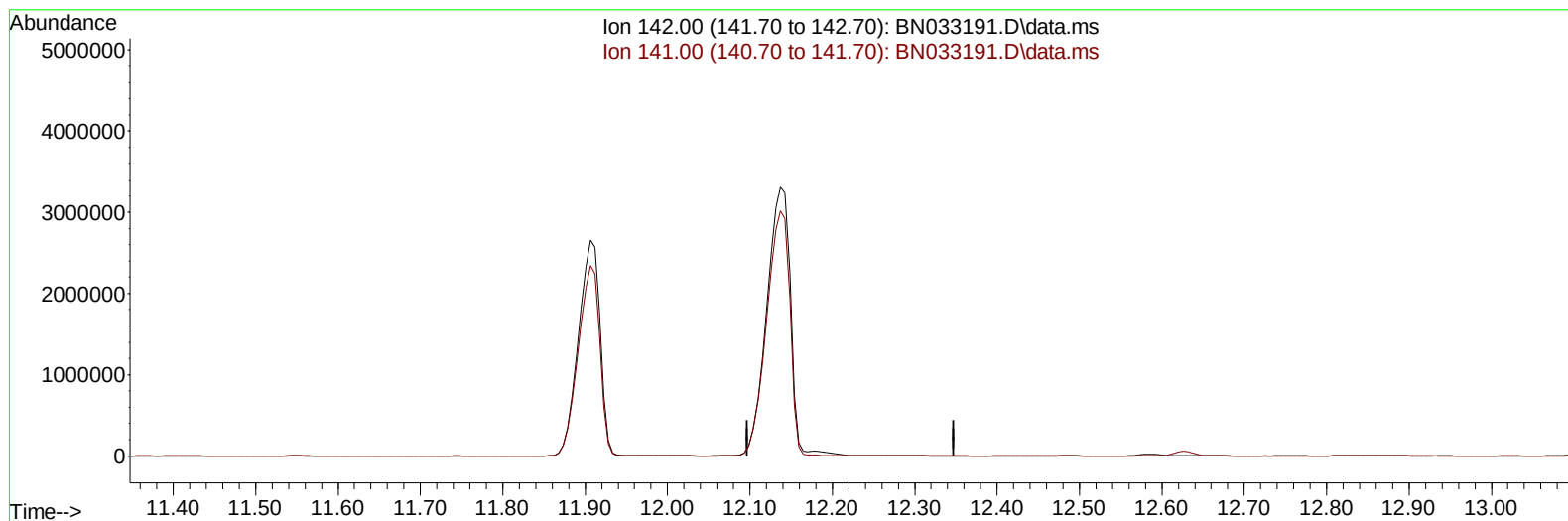
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
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TIC: BN033191.D\data.ms

(8) 1-Methylnaphthalene

12.197min (-12.197) 0.00 ng/ul

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
141.00	92.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

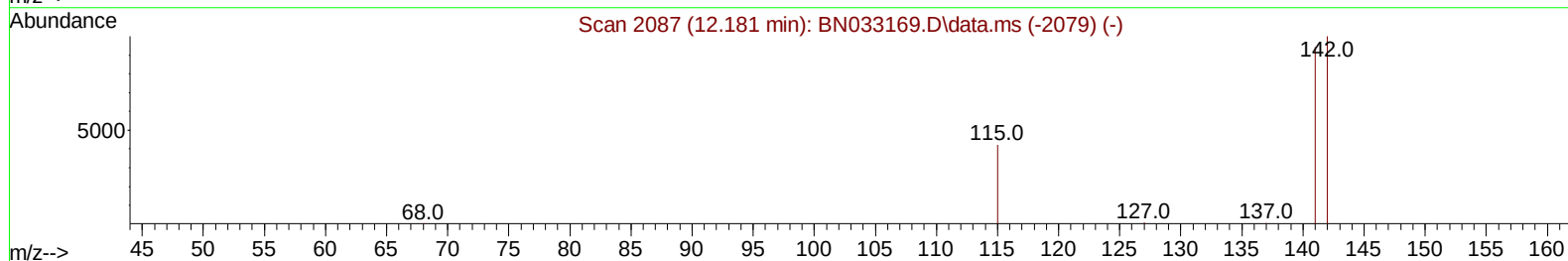
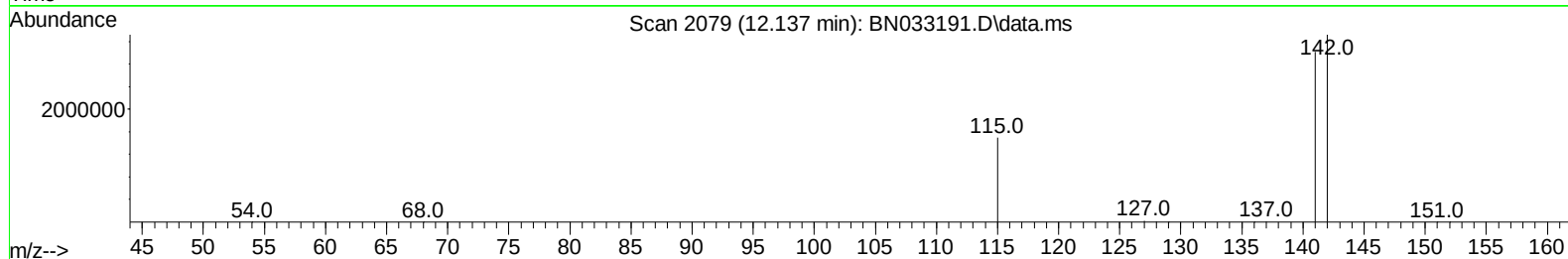
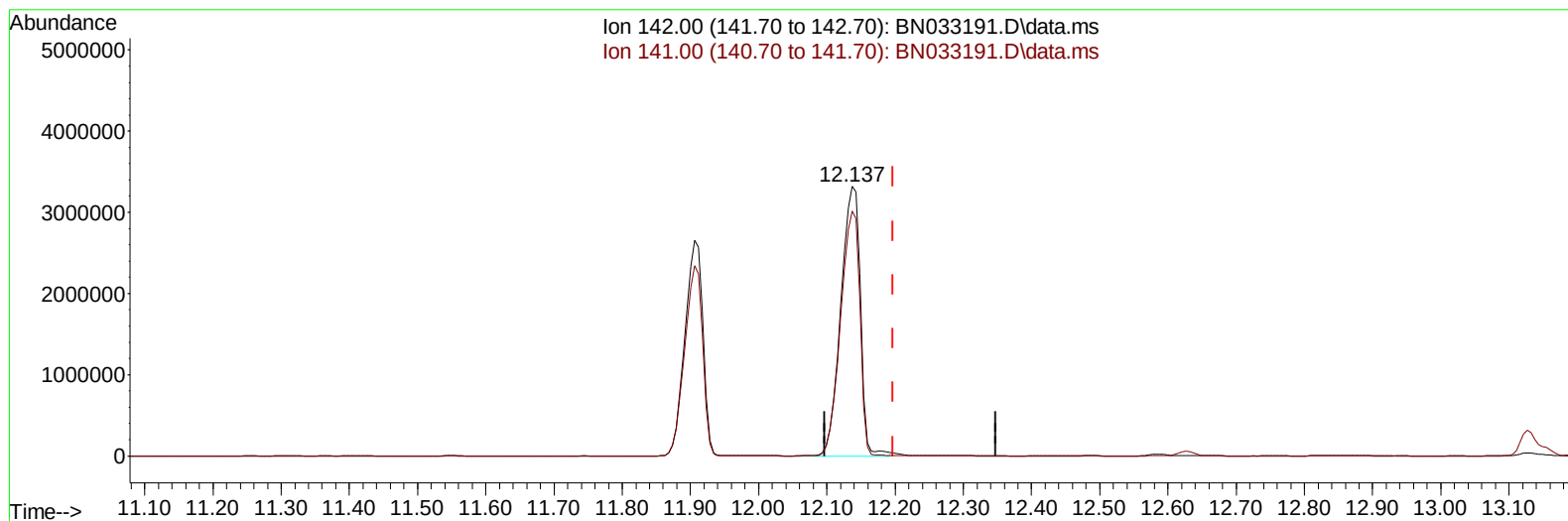
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
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TIC: BN033191.D\data.ms

(8) 1-Methylnaphthalene

12.137min (-0.060) 215.60 ng/ul m

response 6586109

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

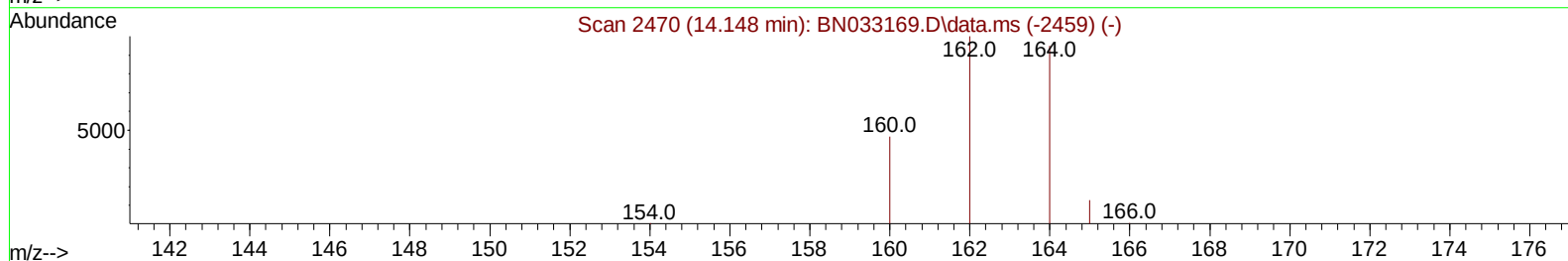
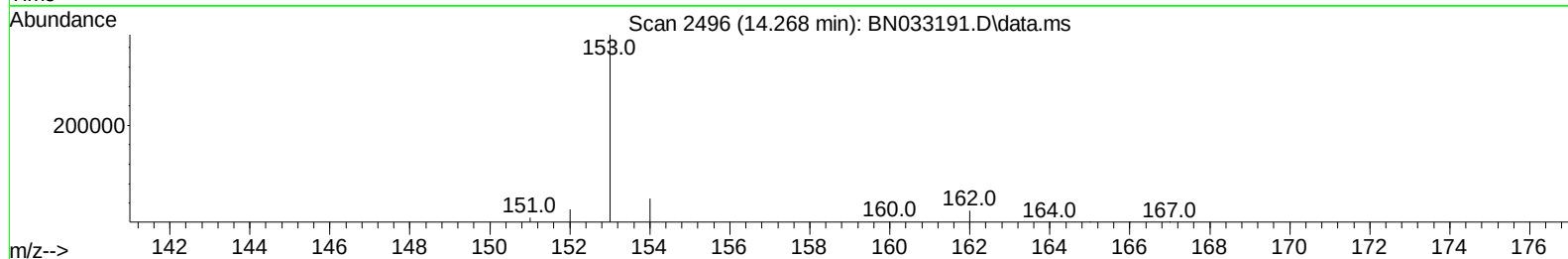
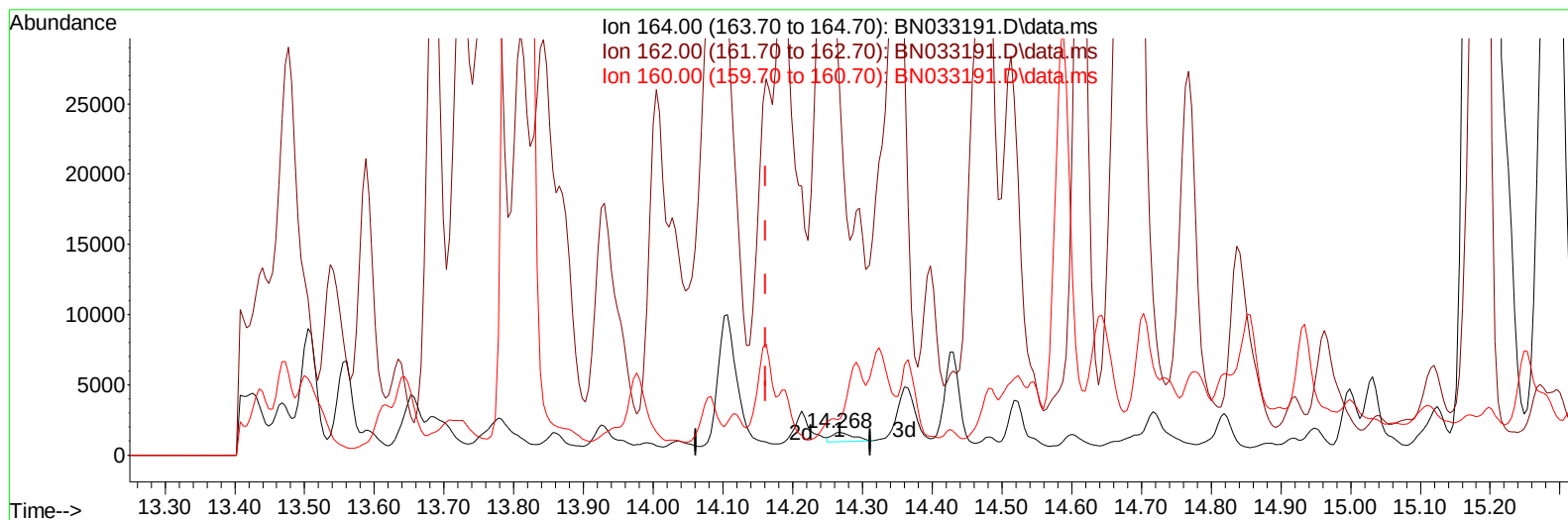
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

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TIC: BN033191.D\data.ms

(9) Acenaphthene-d10 (I)

14.268min (+ 0.107) 0.40 ng/u1

response 1368

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.40	1564.30#
160.00	46.80	163.17#
0.00	0.00	0.00

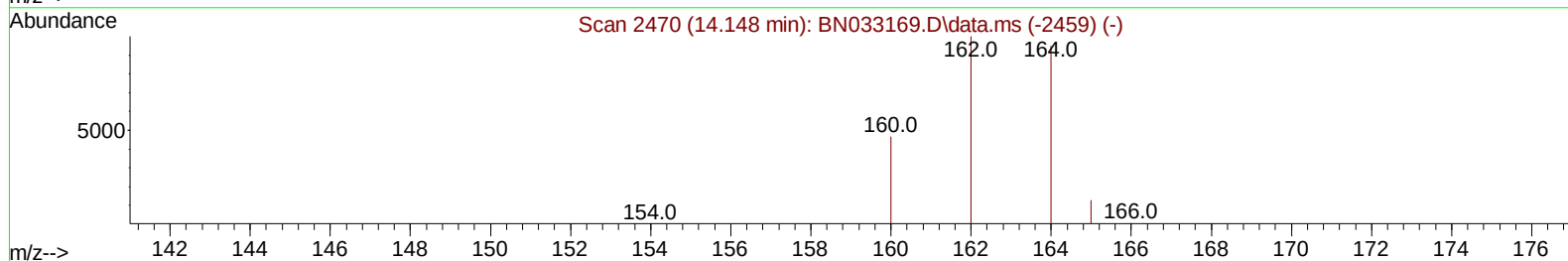
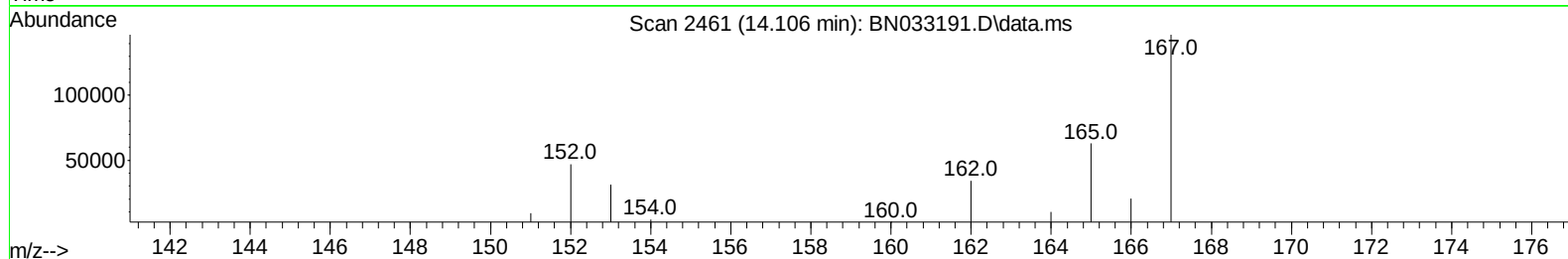
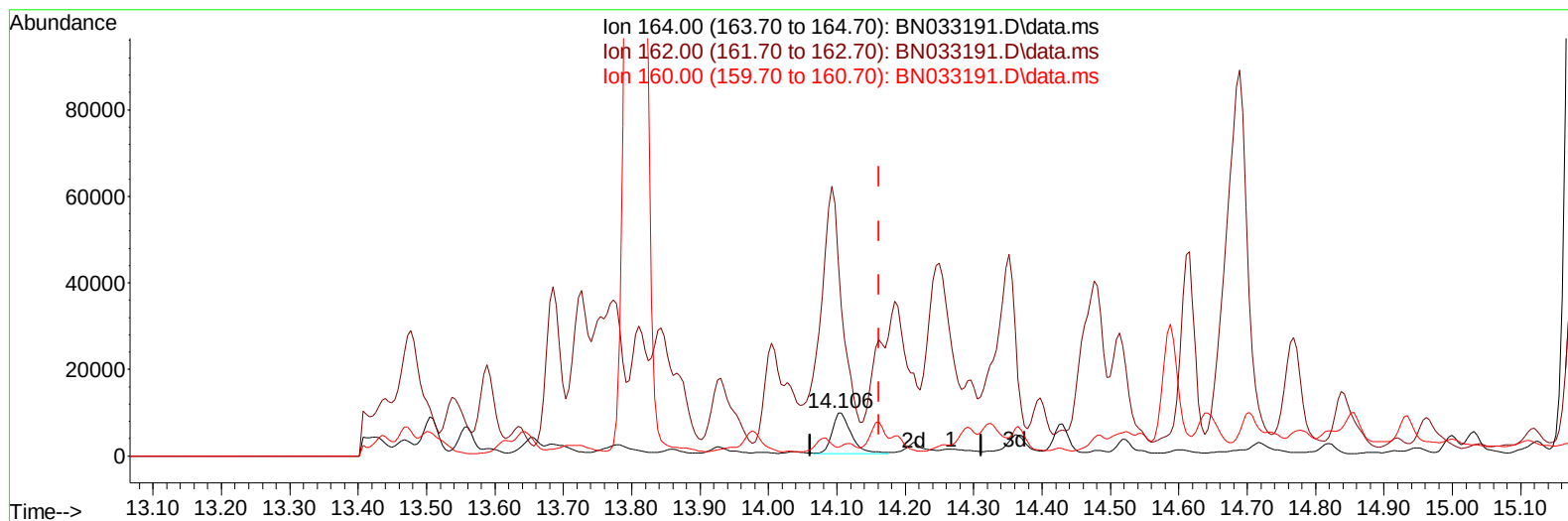
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(9) Acenaphthene-d10 (I)

14.106min (-0.055) 0.40 ng/ul m

response 18481

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.40	341.59#
160.00	46.80	23.16#
0.00	0.00	0.00

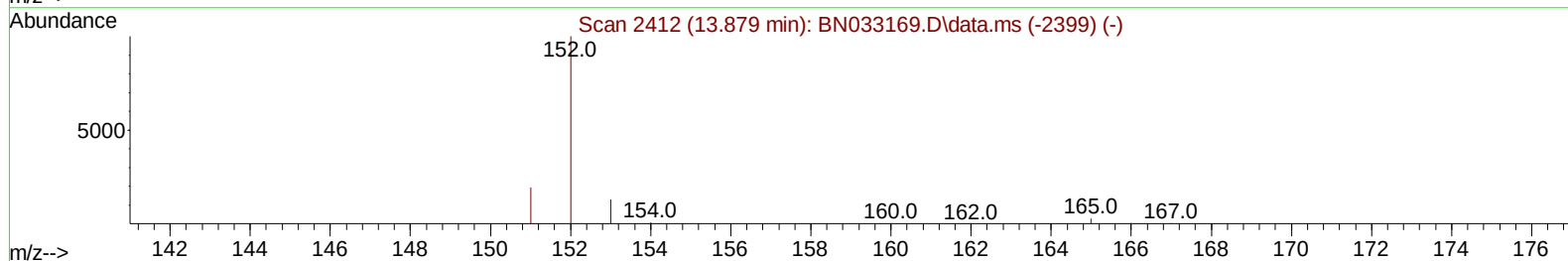
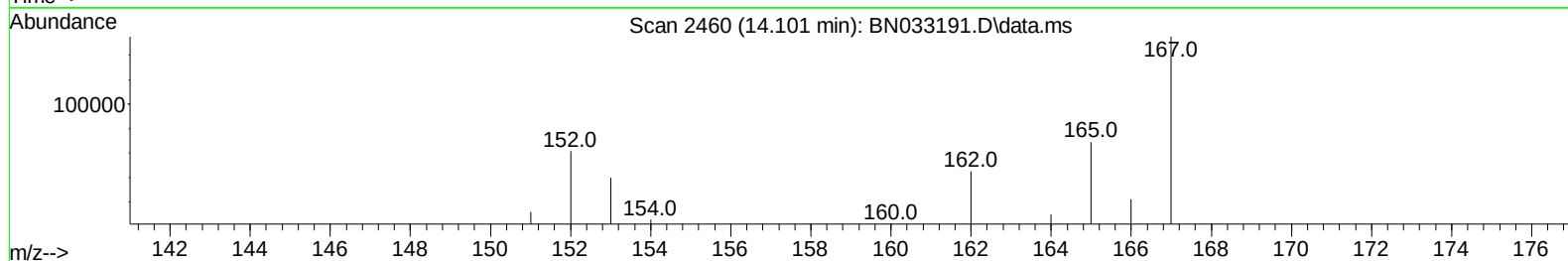
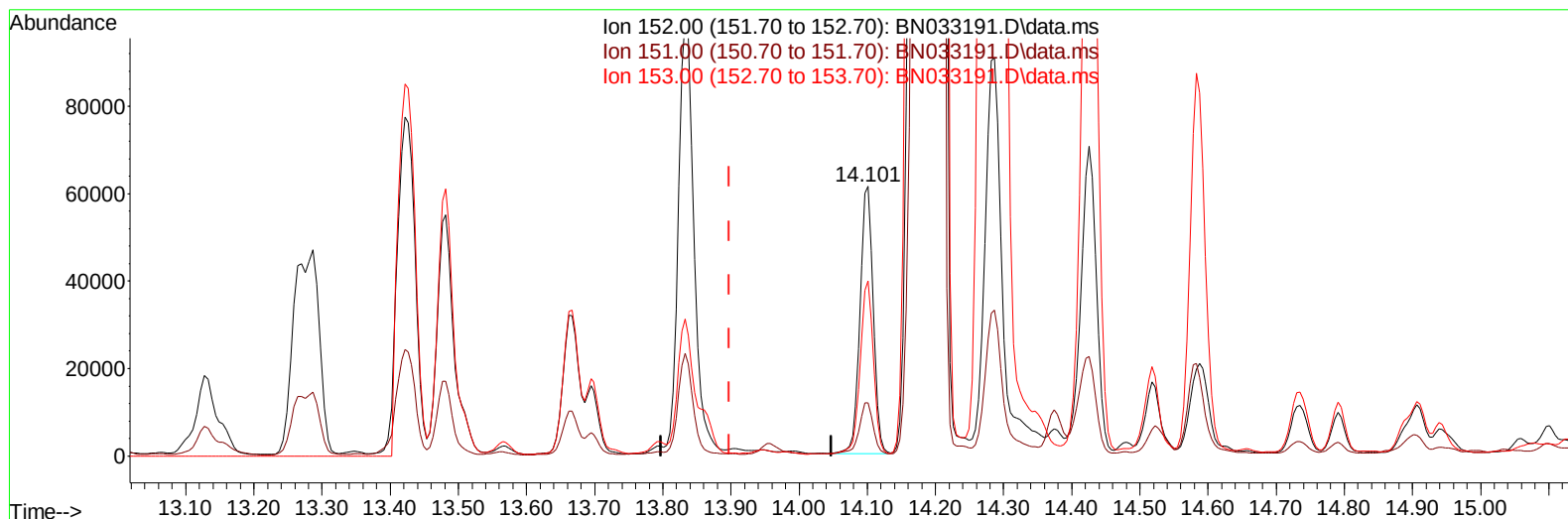
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(10) Acenaphthylene

14.101min (+ 0.204) 1.09 ng/u1

response 82085

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.00	19.64
153.00	14.90	65.01#
0.00	0.00	0.00

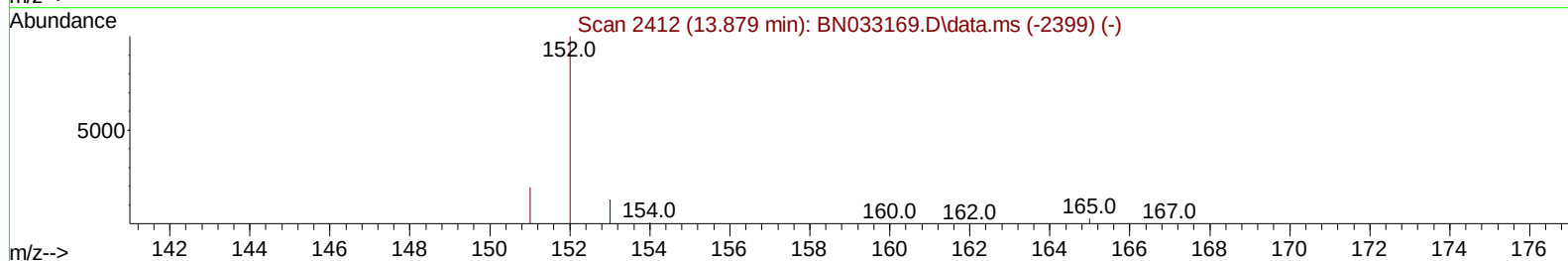
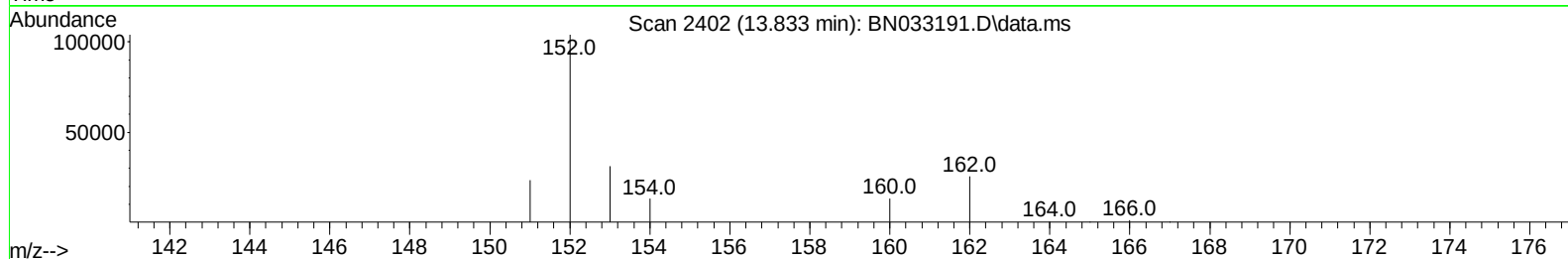
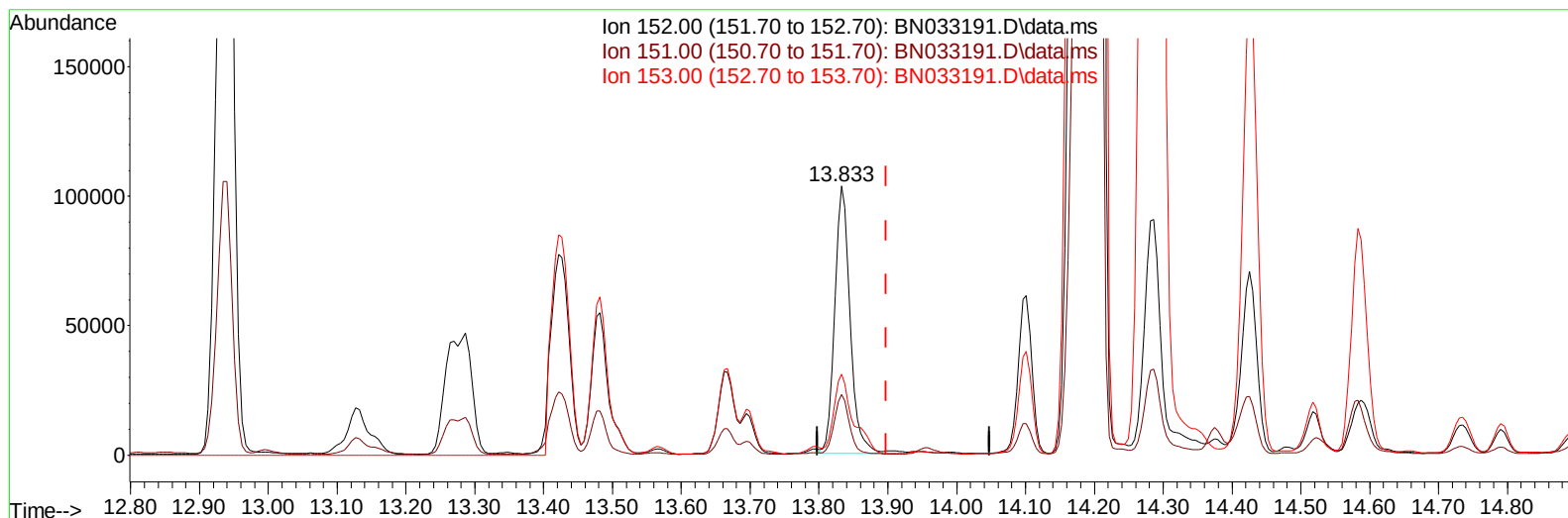
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(10) Acenaphthylene

13.833min (-0.065) 2.11 ng/ul m

response 159759

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	21.00	22.54
153.00	14.90	30.16#
0.00	0.00	0.00

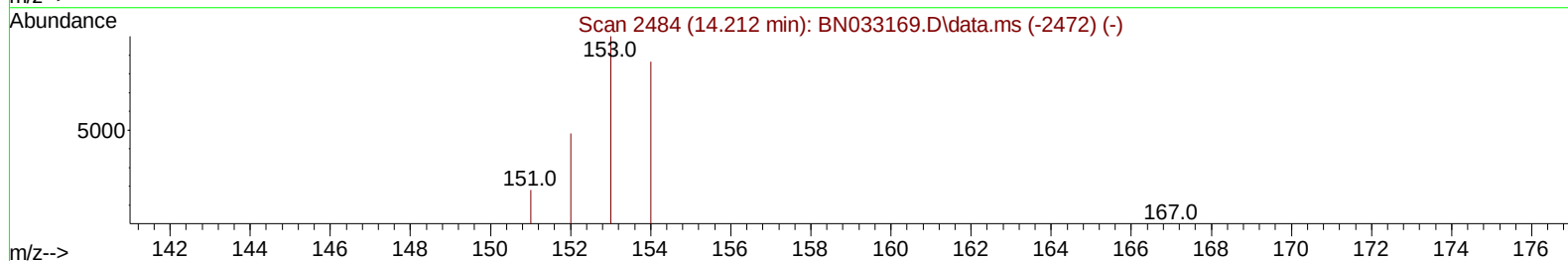
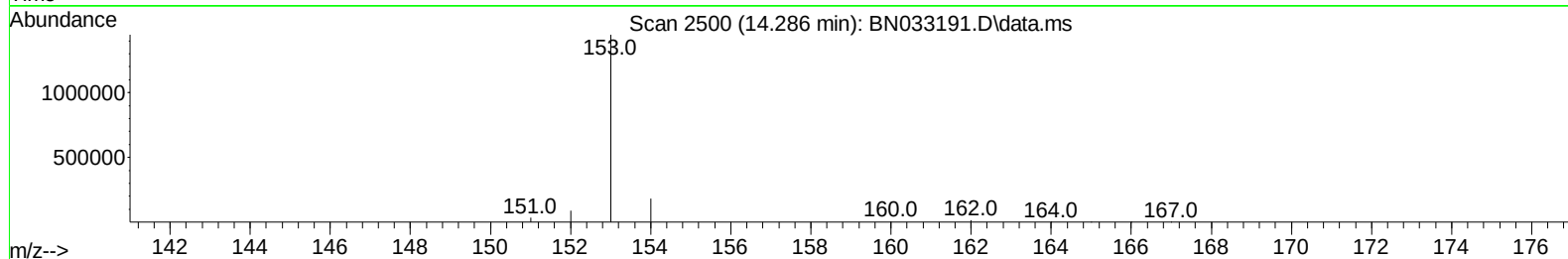
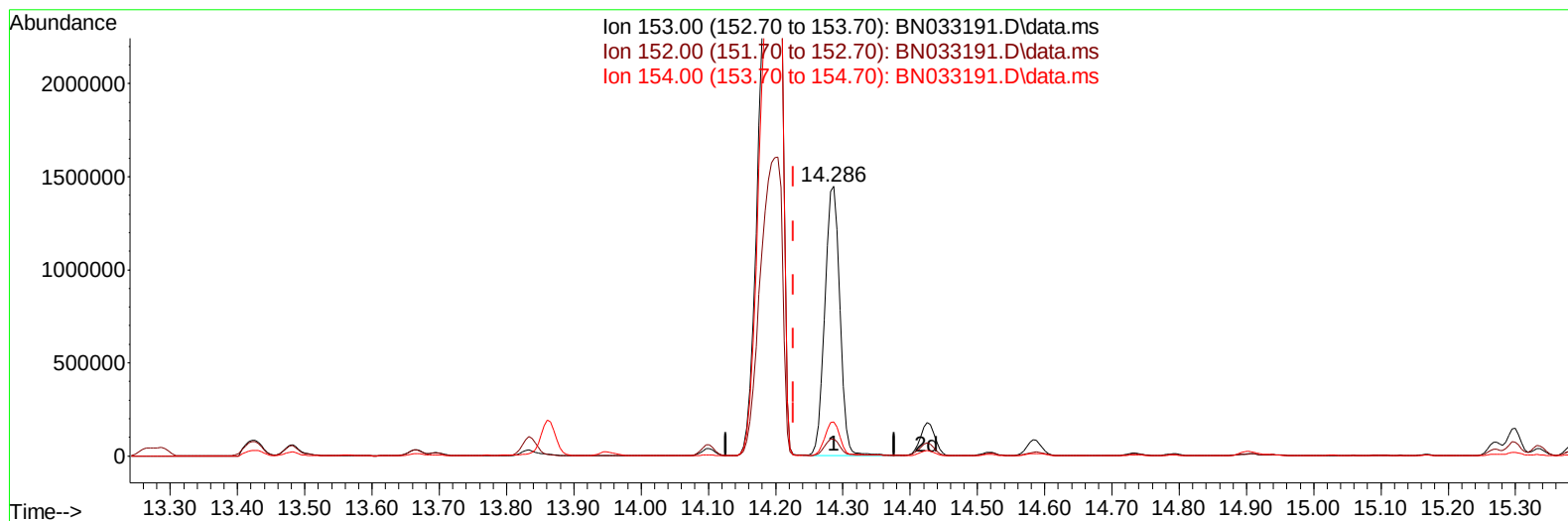
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(11) Acenaphthene (C)

14.286min (+ 0.060) 39.16 ng/ul

response 2227755

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	50.00	6.29#
154.00	87.60	12.67#
0.00	0.00	0.00

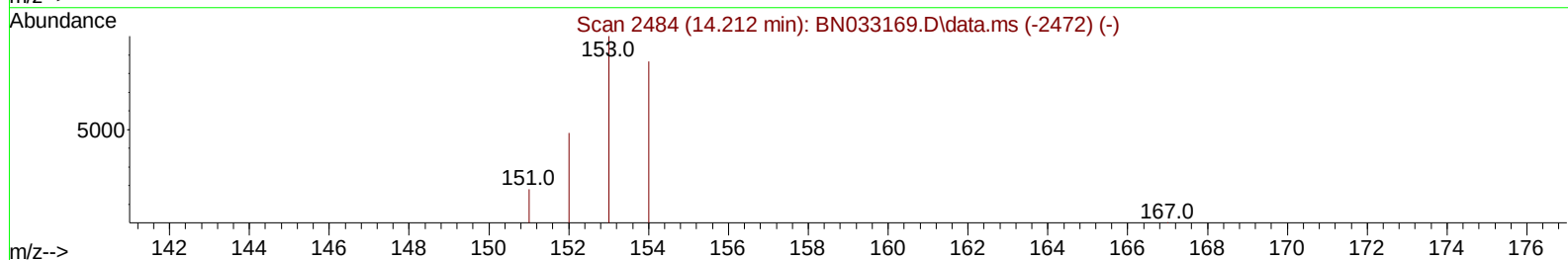
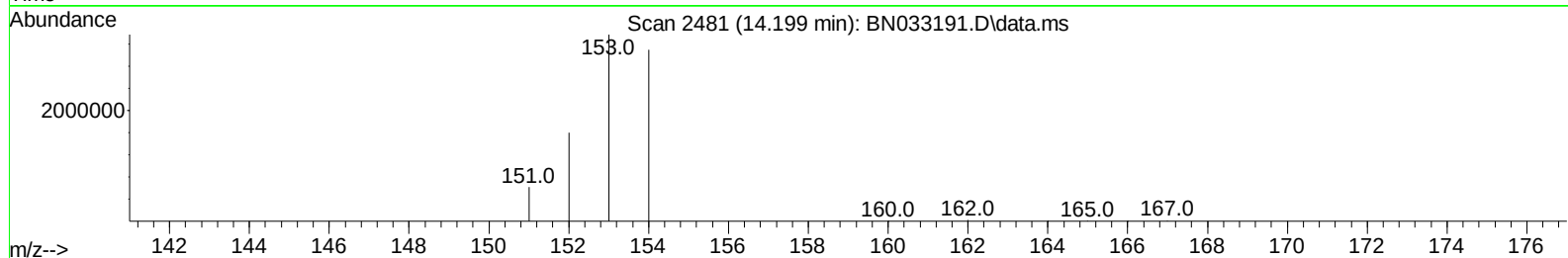
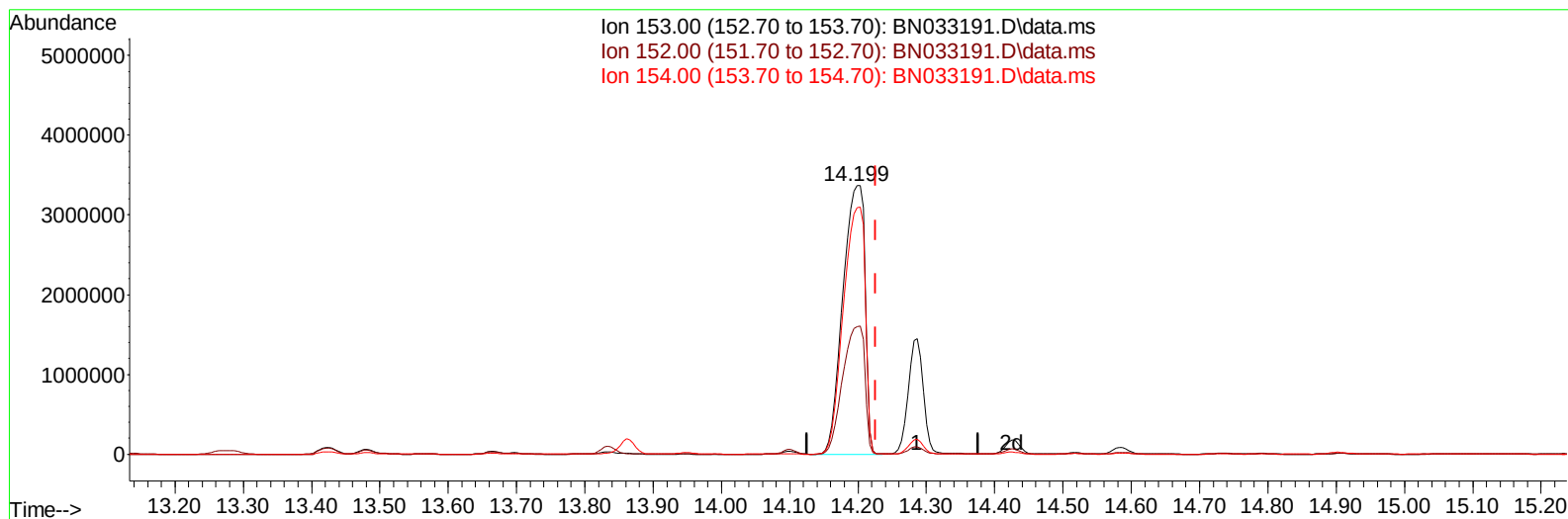
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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 QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(11) Acenaphthene (C)

14.199min (-0.028) 132.98 ng/ul m

response 7565641

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	50.00	47.60
154.00	87.60	91.91
0.00	0.00	0.00

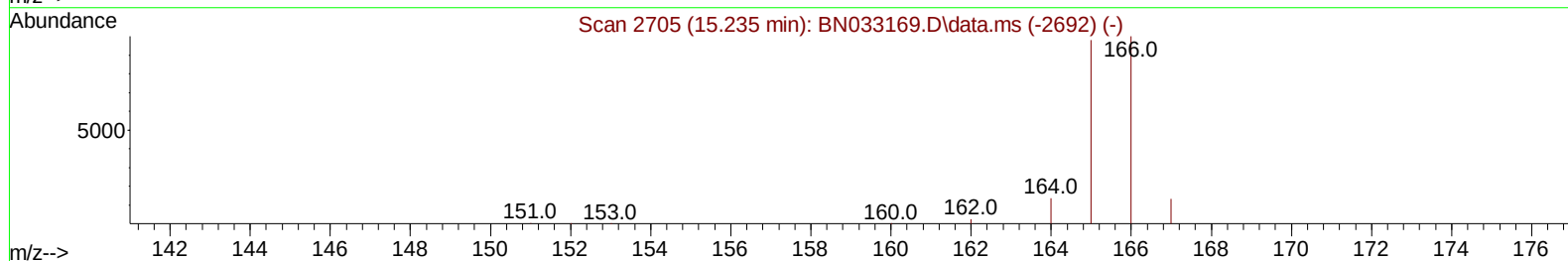
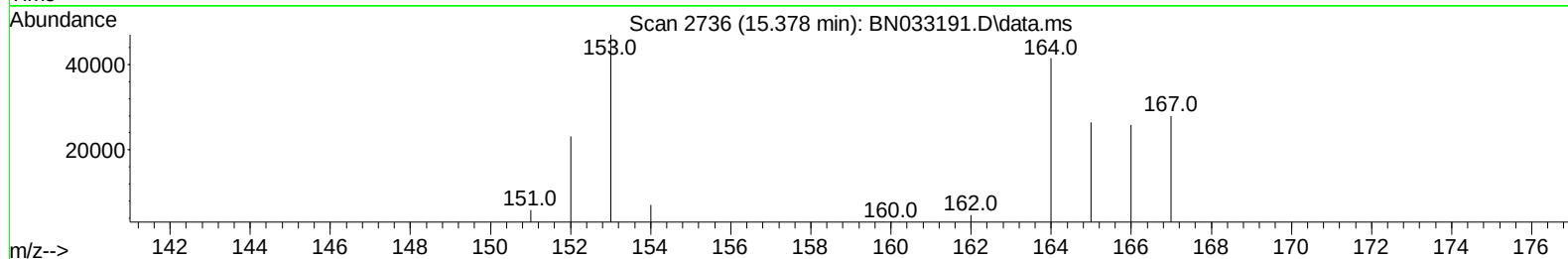
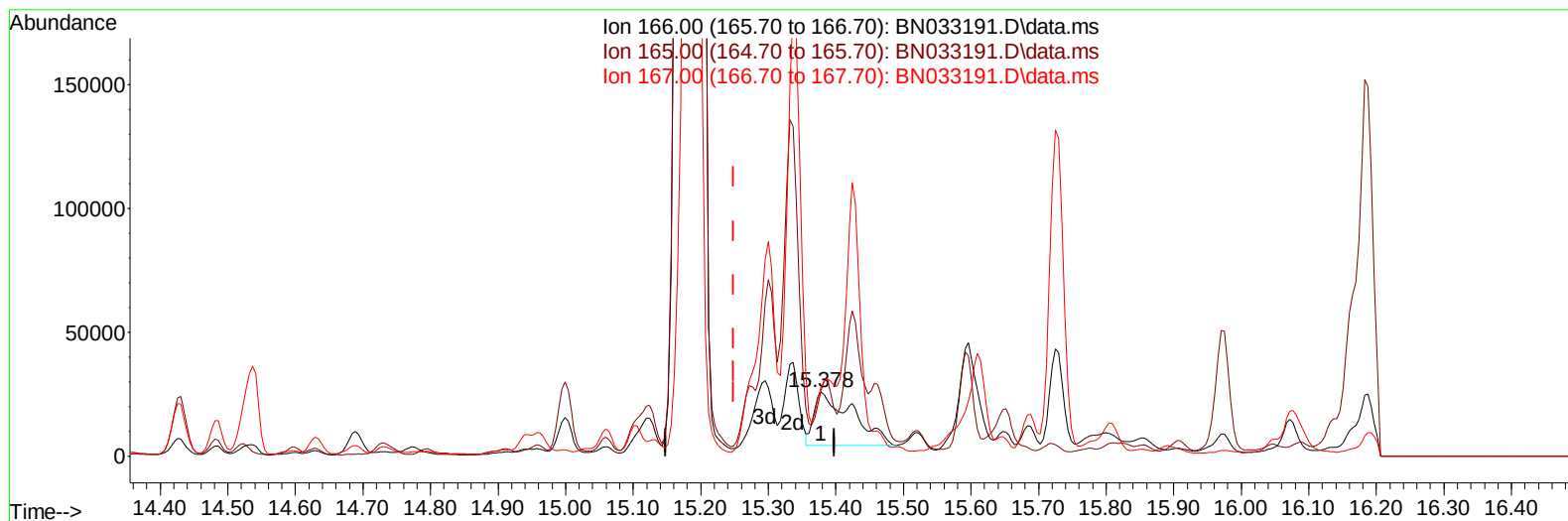
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(12) Fluorene

15.378min (+ 0.130) 1.28 ng/ul

response 84777

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.50	102.22
167.00	15.30	107.94#
0.00	0.00	0.00

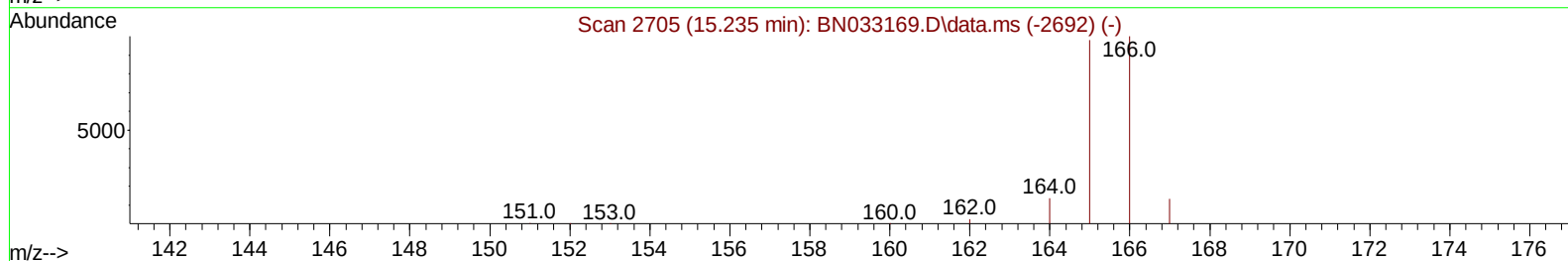
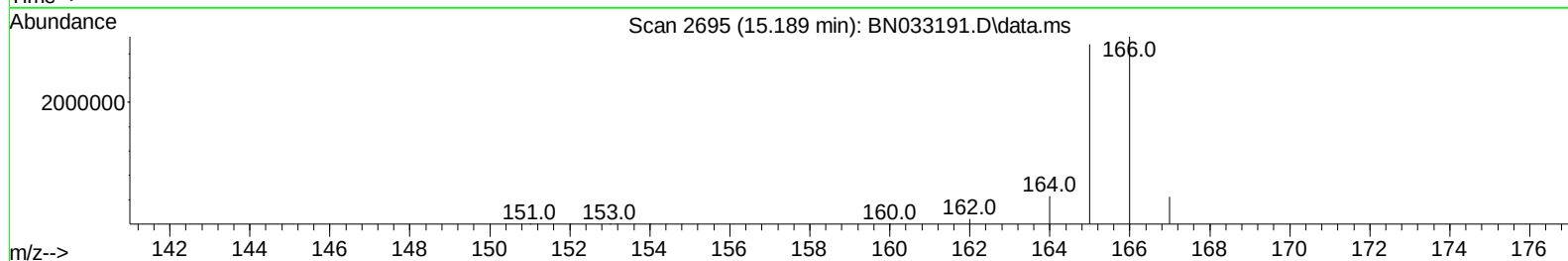
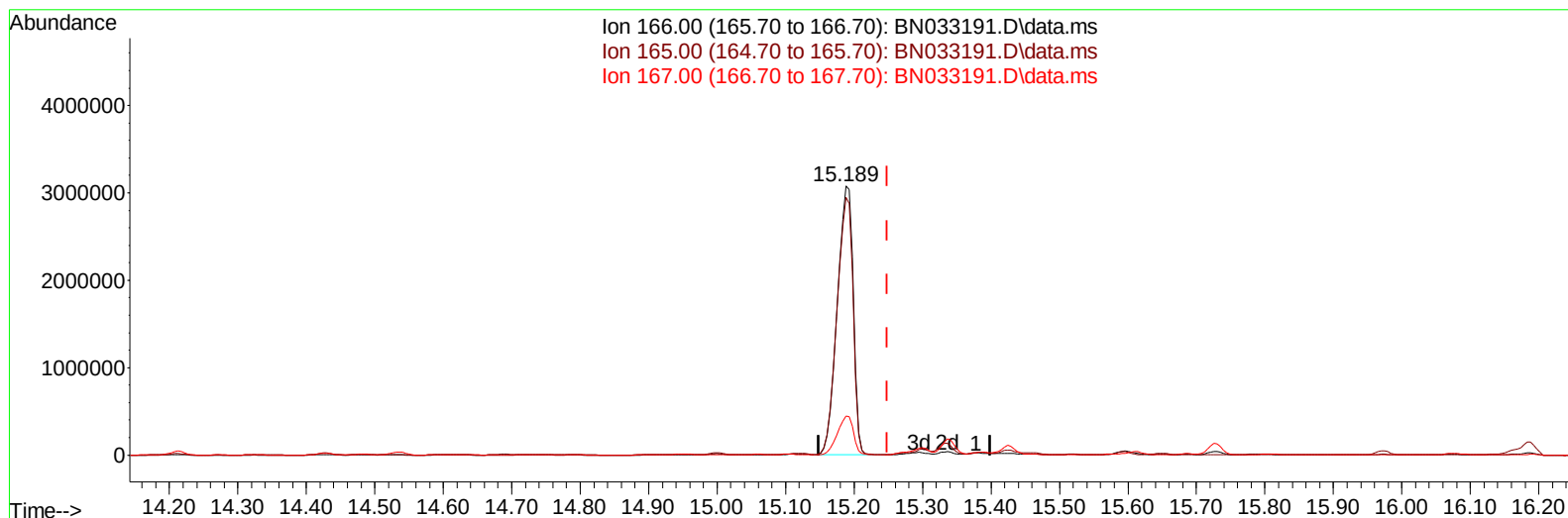
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(12) Fluorene

15.189min (-0.060) 75.16 ng/ul m

response 4983786

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	99.50	95.92
167.00	15.30	14.51
0.00	0.00	0.00

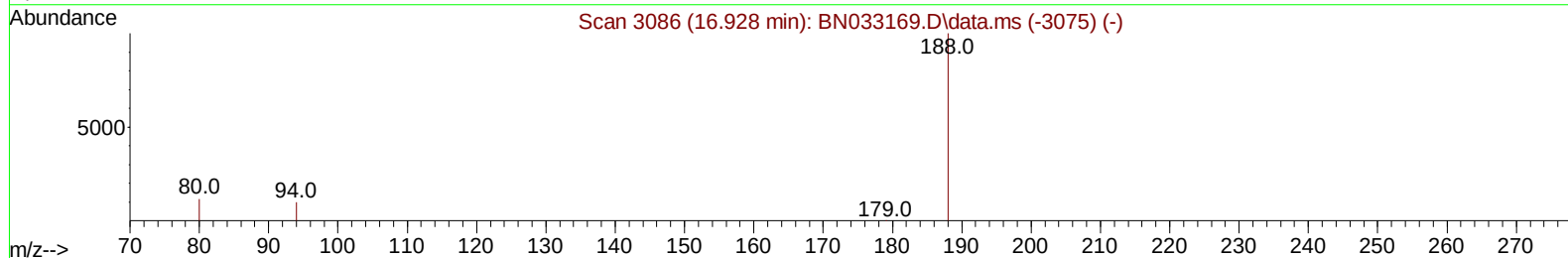
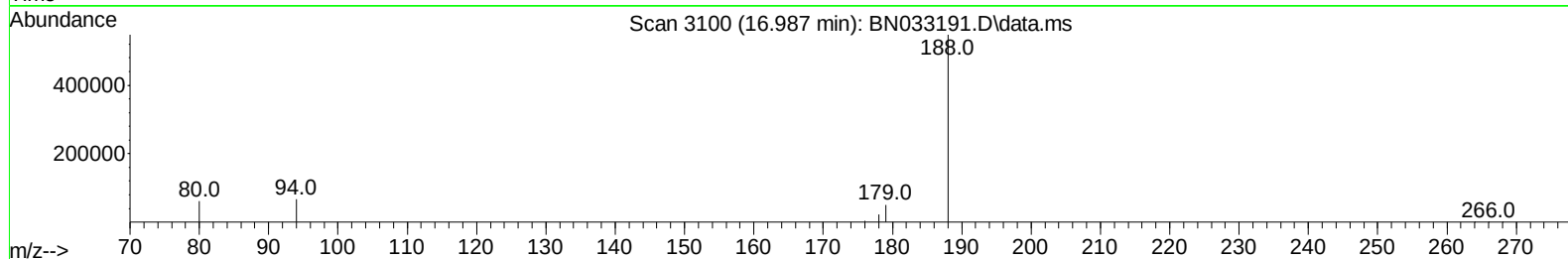
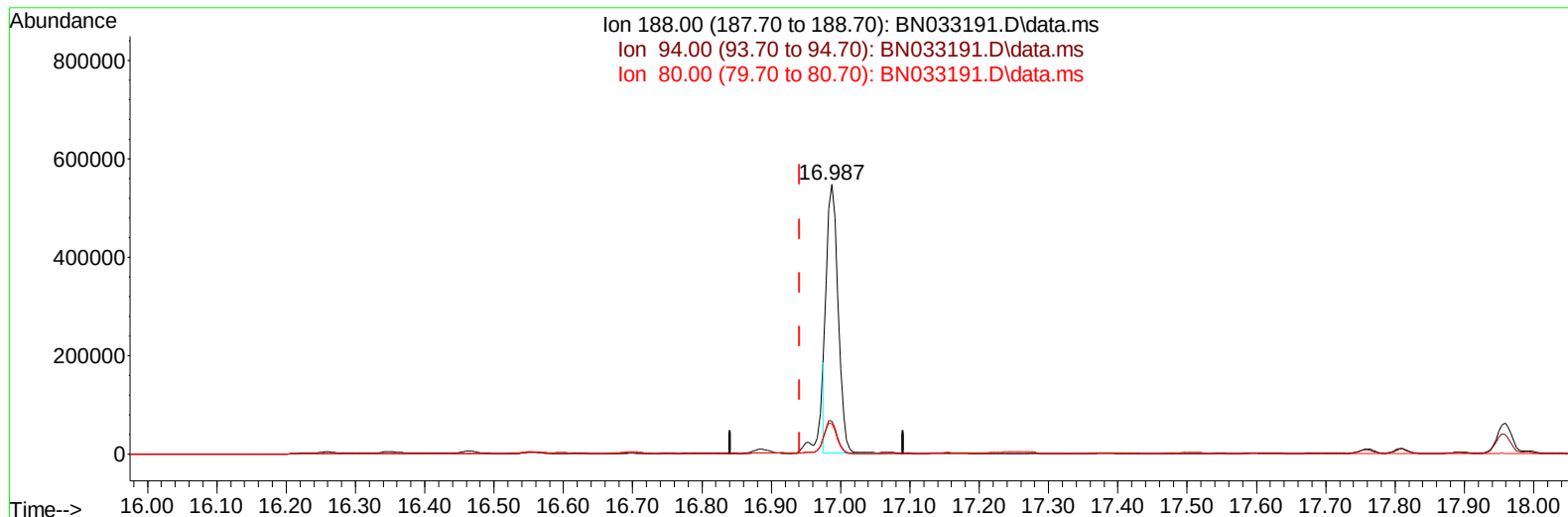
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(13) Phenanthrene-d10 (I)

16.987min (+ 0.047) 0.40 ng/u1

response 624119

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.21
80.00	13.10	11.22
0.00	0.00	0.00

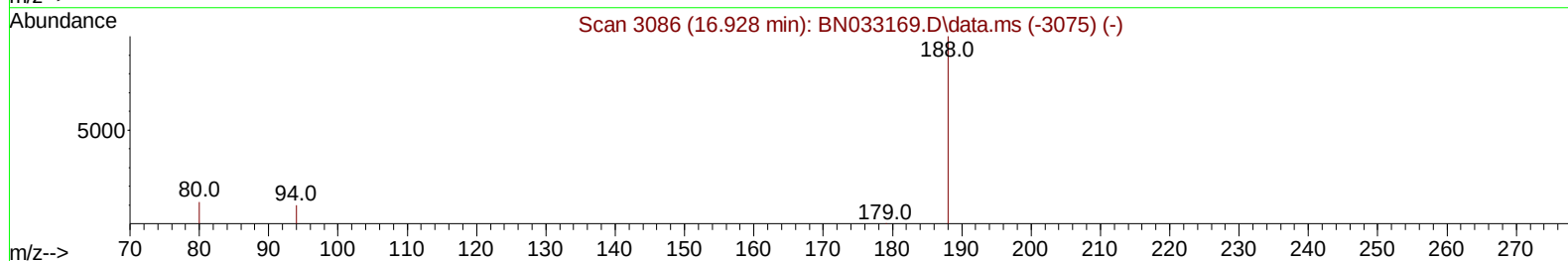
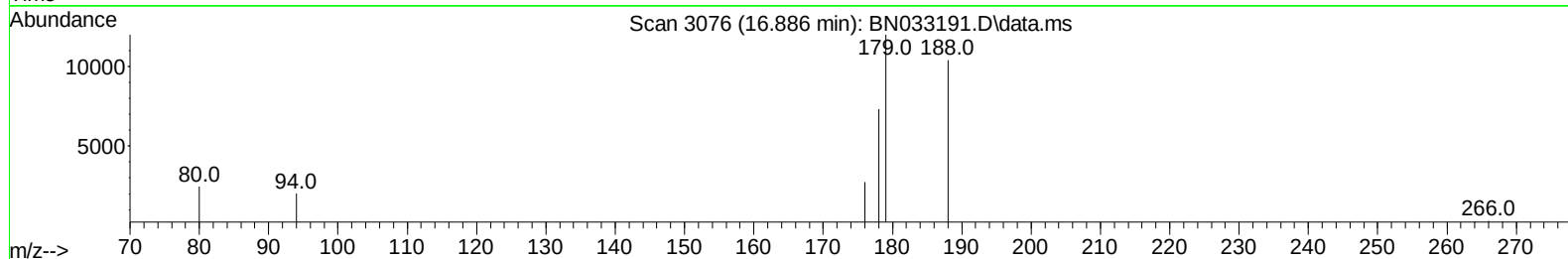
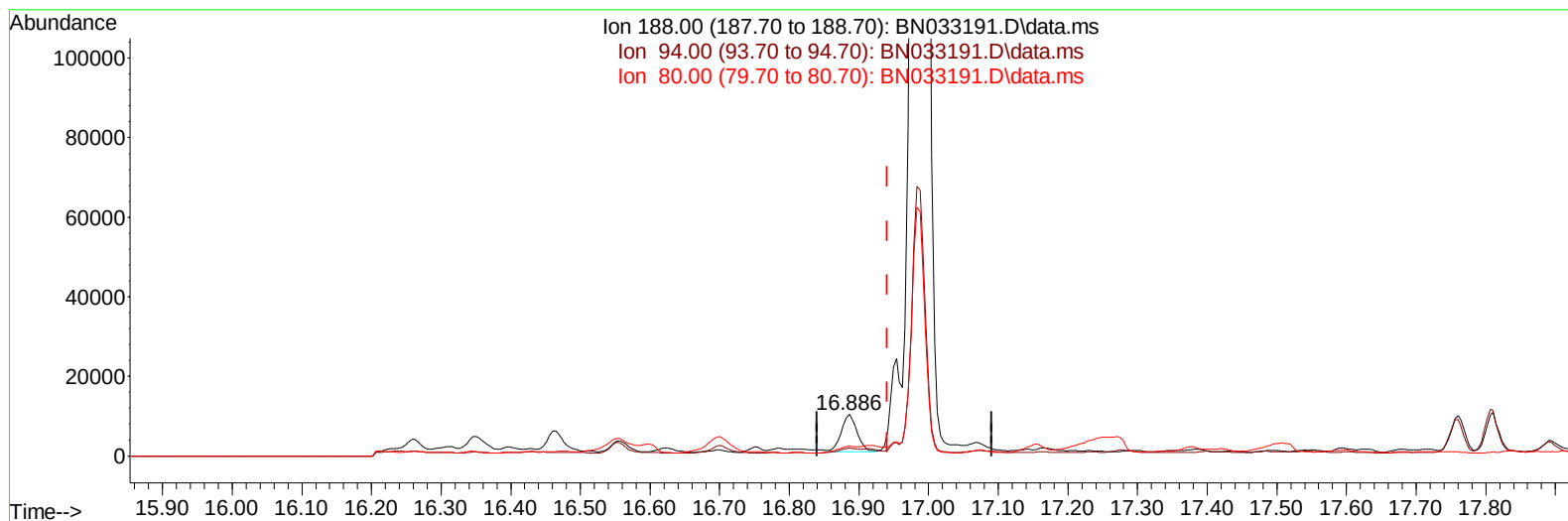
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(13) Phenanthrene-d10 (I)

16.886min (-0.055) 0.40 ng/ul m

response 14902

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	19.55#
80.00	13.10	23.47#
0.00	0.00	0.00

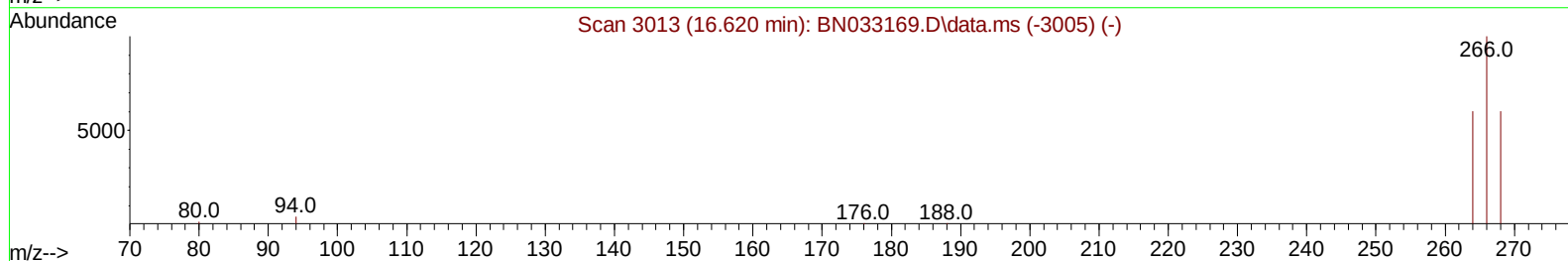
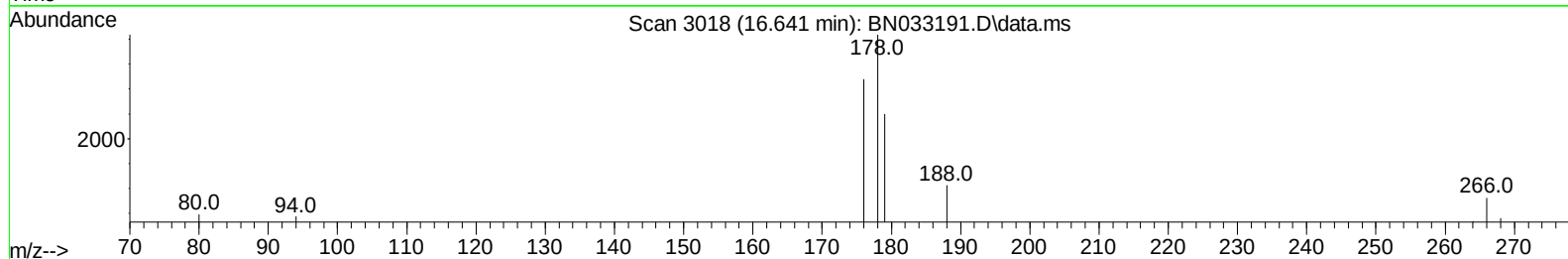
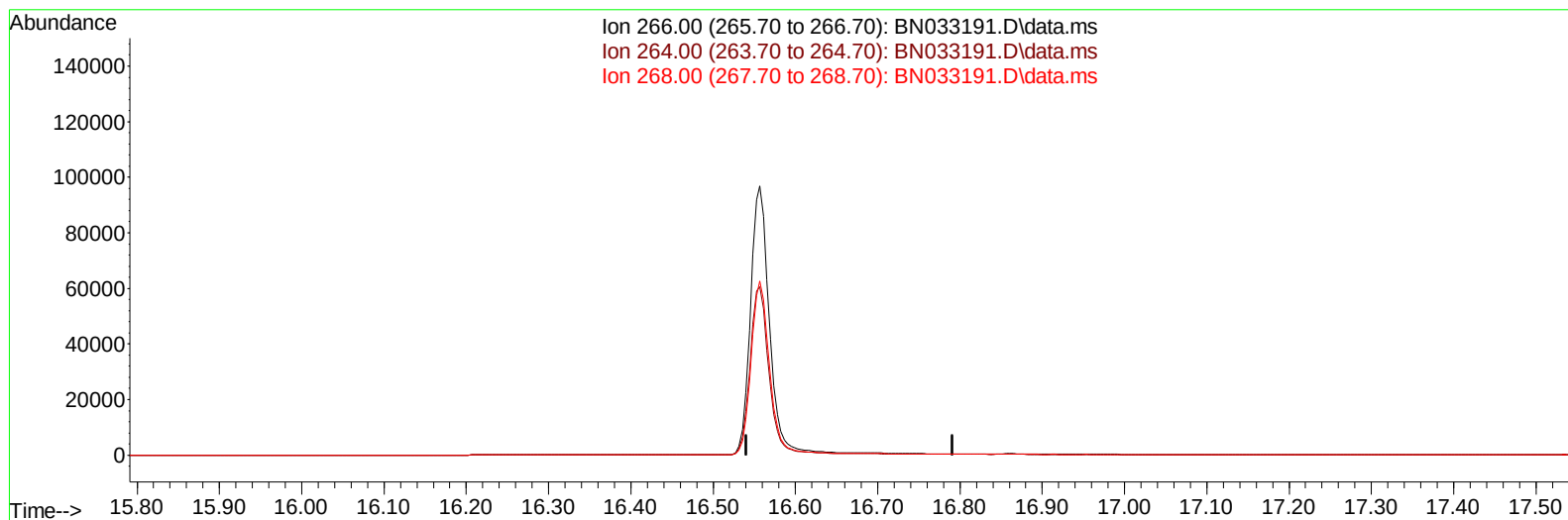
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
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Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(14) Pentachlorophenol

16.641min (-16.641) 0.00 ng/ul

response 0

Ion	Exp%	Act%
266.00	100.00	0.00
264.00	61.60	0.00#
268.00	64.80	0.00#
0.00	0.00	0.00

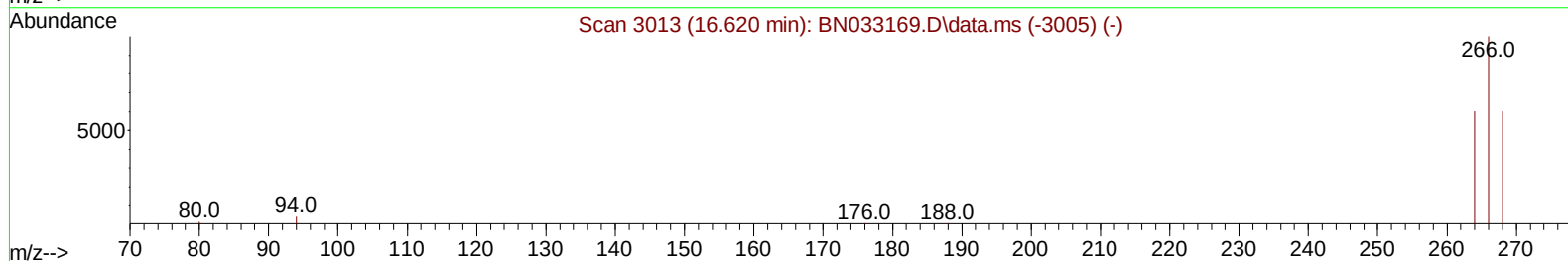
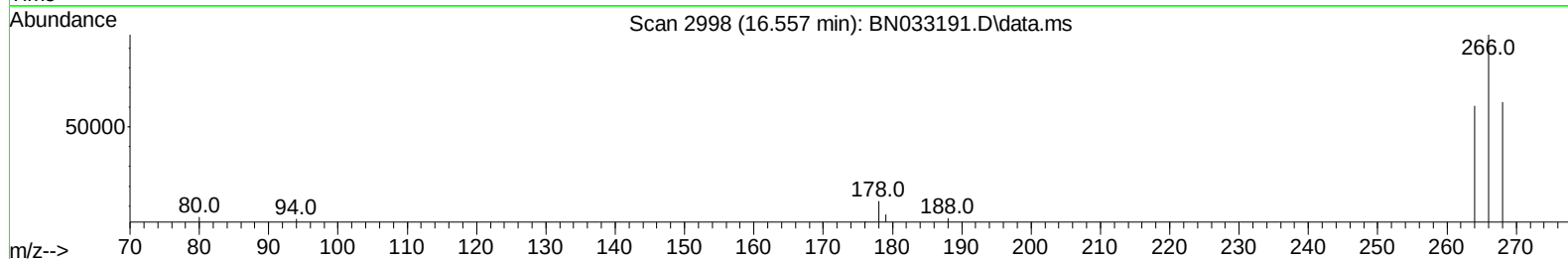
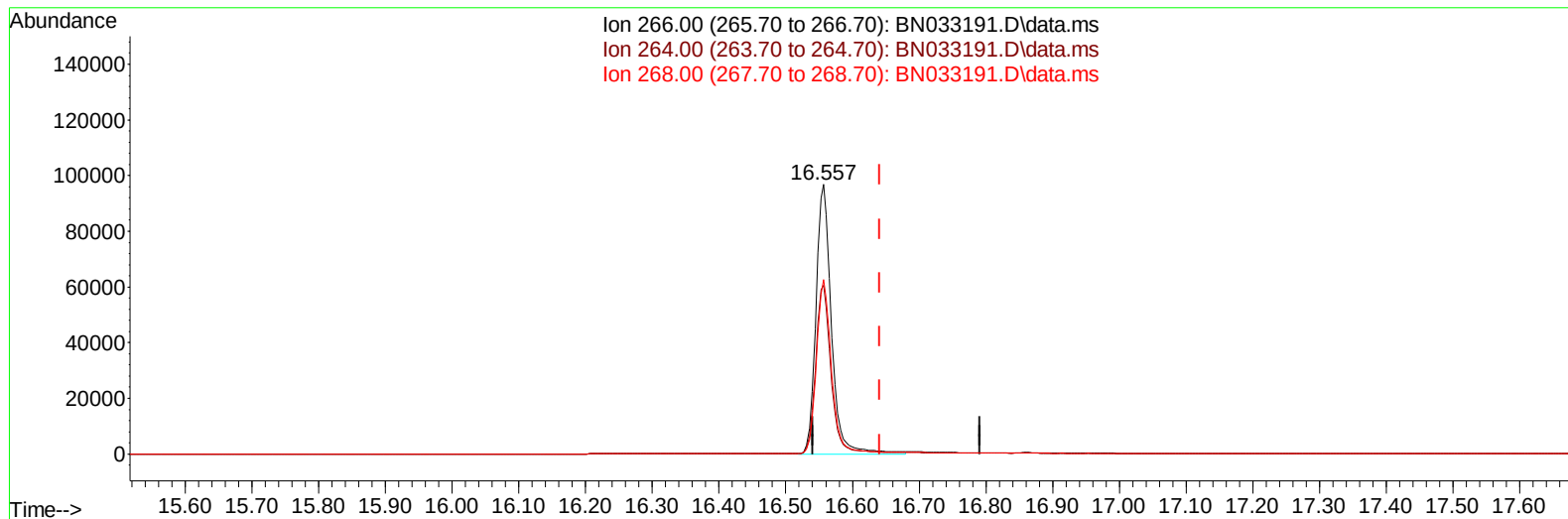
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(14) Pentachlorophenol

16.557min (-0.084) 51.66 ng/ul m

response 156754

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.60	0.00#
268.00	64.80	0.00#
0.00	0.00	0.00

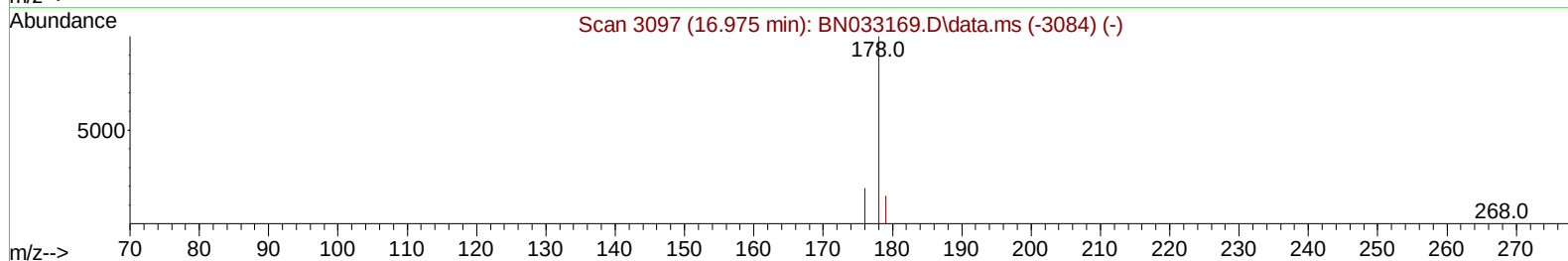
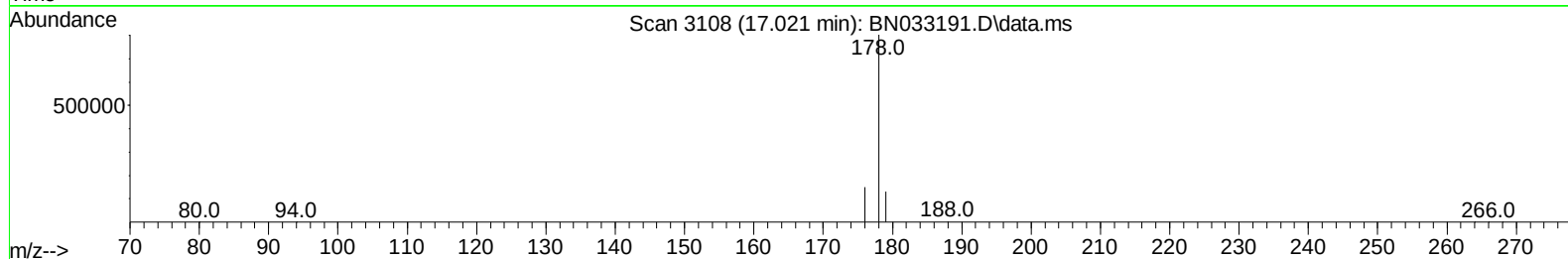
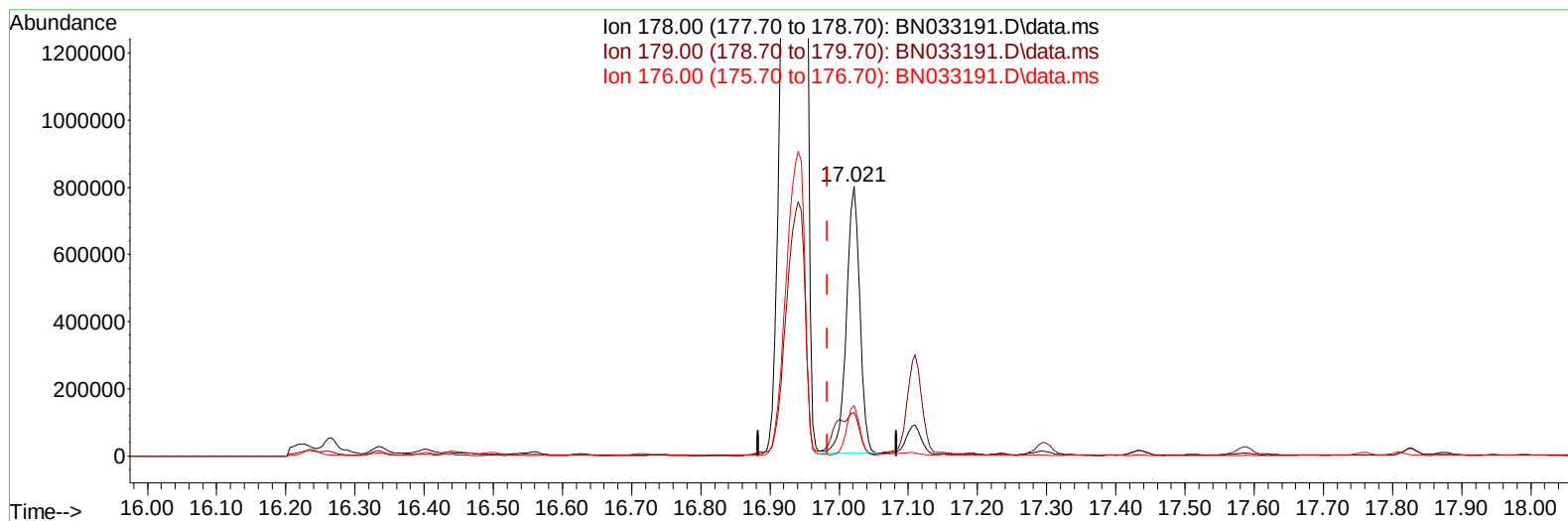
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(15) Phenanthrene

17.021min (+ 0.038) 26.58 ng/ul

response 1062602

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.20
176.00	19.90	18.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024

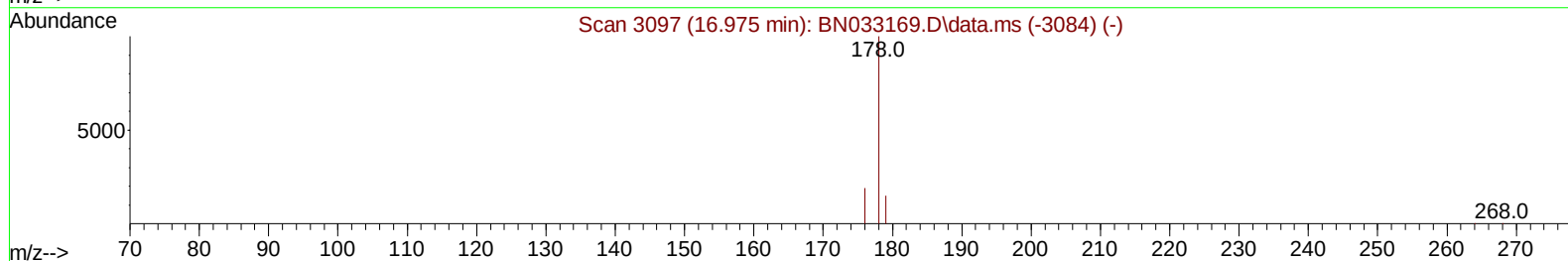
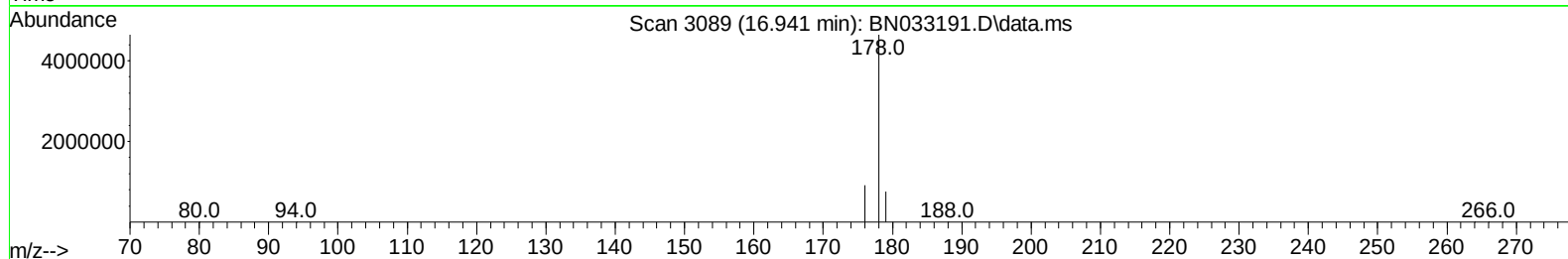
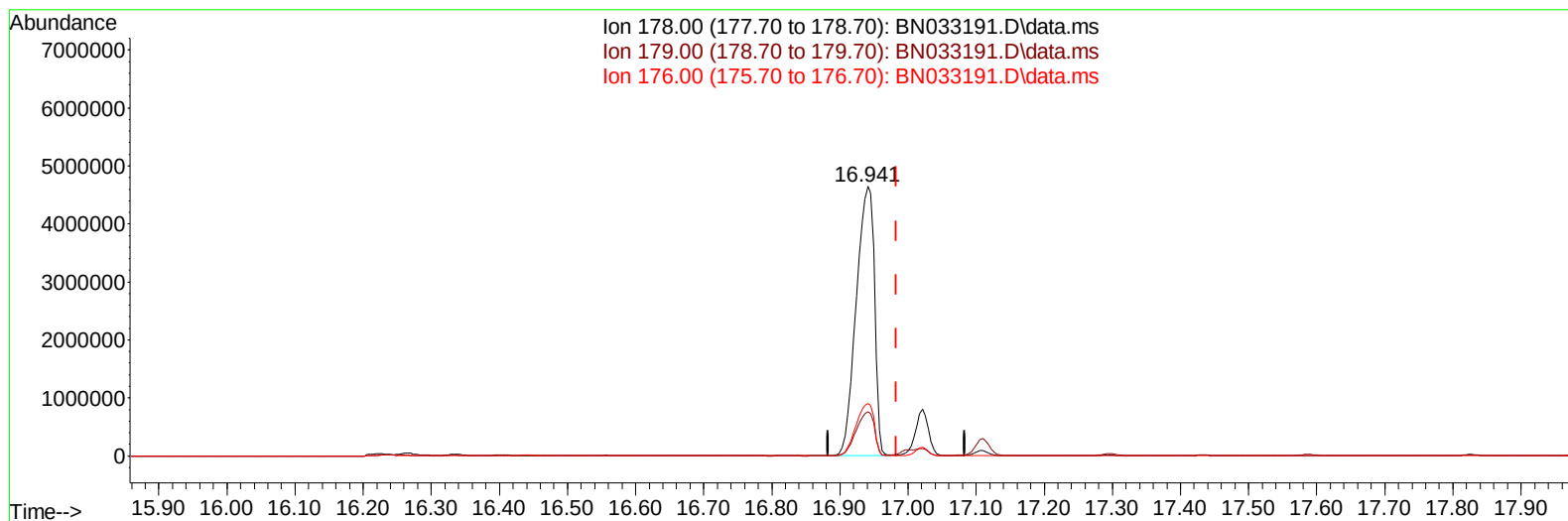
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 14:49:49 2024

Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(15) Phenanthrene

16.941min (-0.042) 216.92 ng/ul m

response 8670675

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	16.32
176.00	19.90	19.52
0.00	0.00	0.00

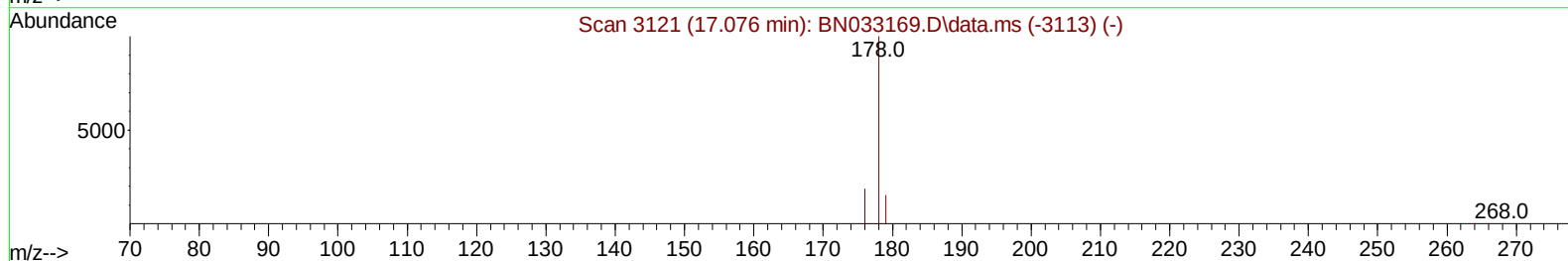
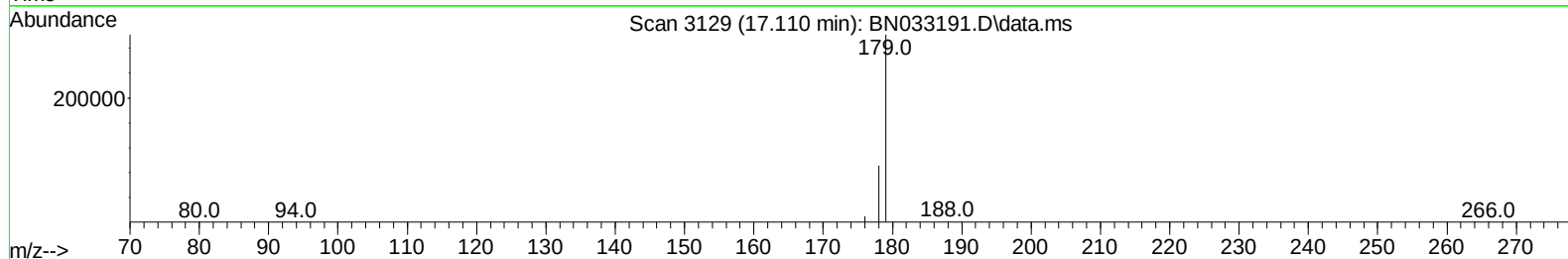
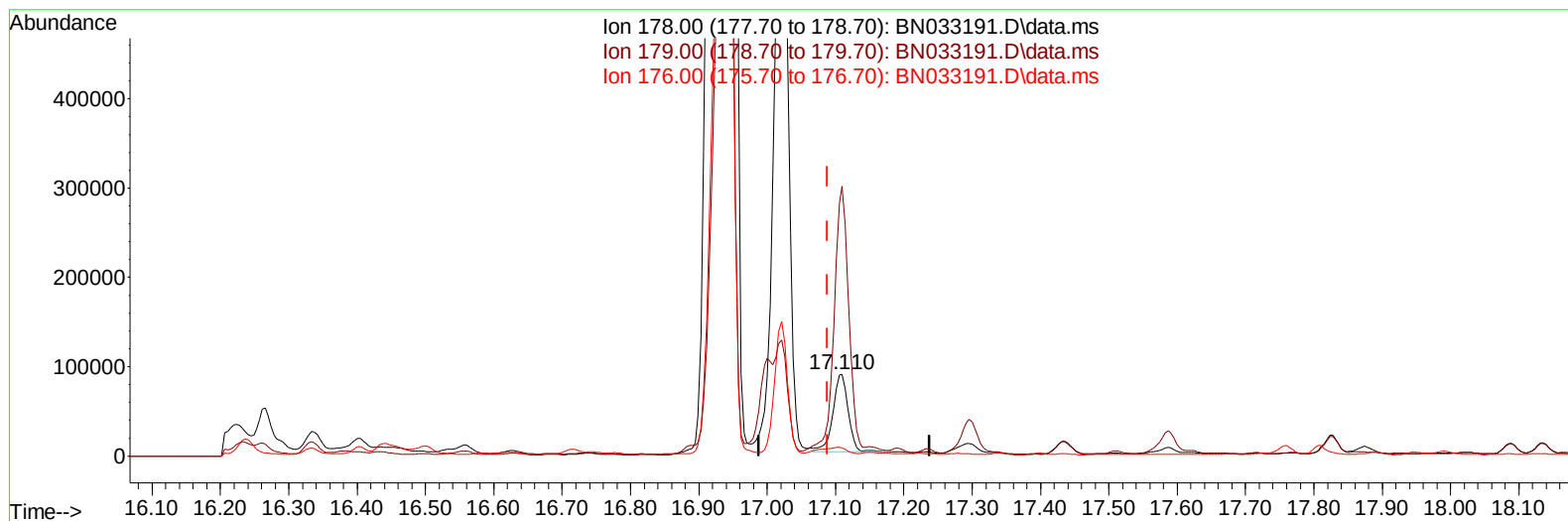
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(16) Anthracene

17.110min (+ 0.021) 3.81 ng/u1

response 136966

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	329.79#
176.00	19.80	9.89#
0.00	0.00	0.00

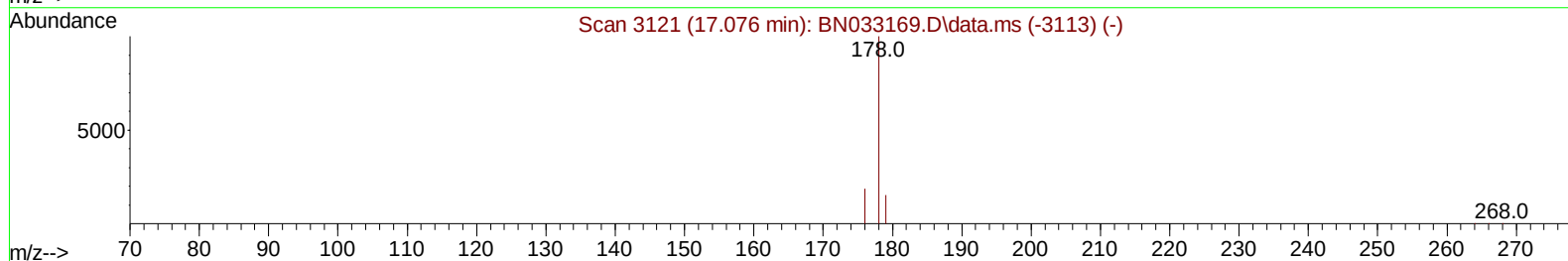
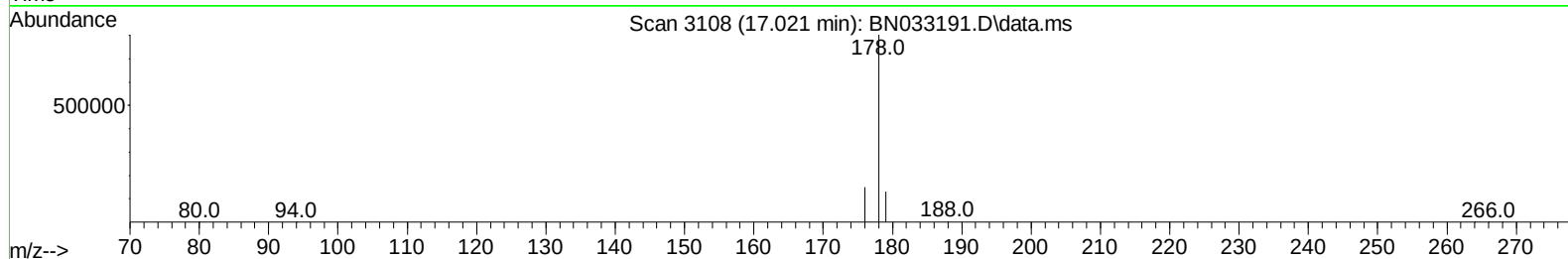
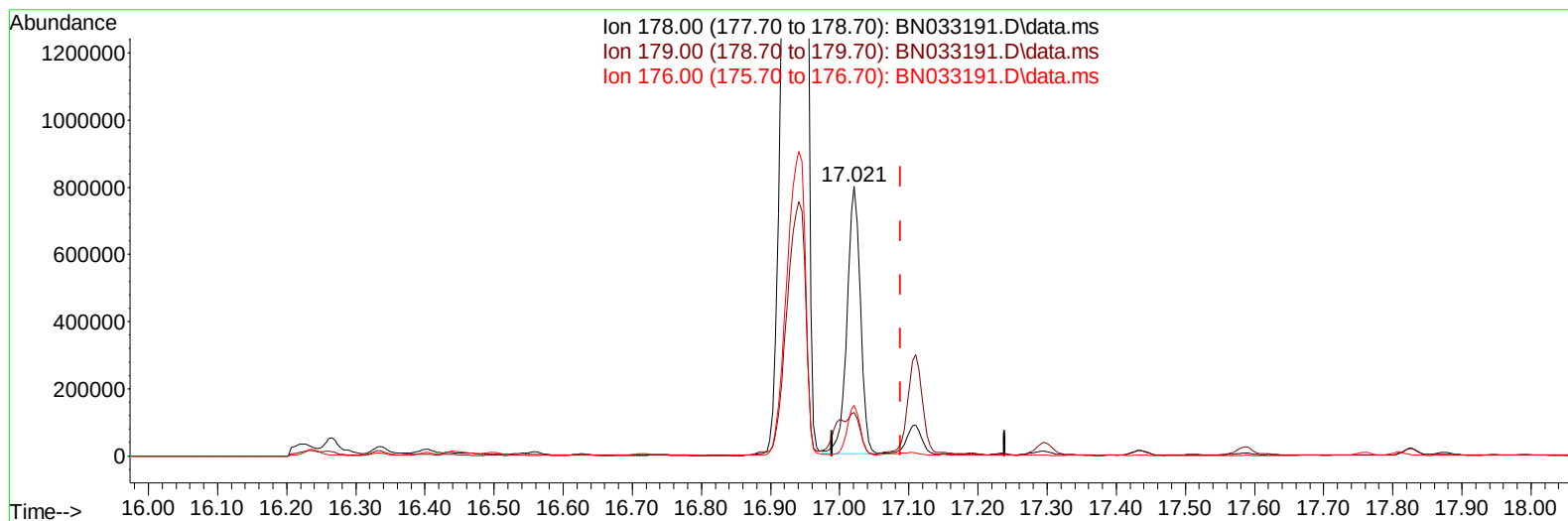
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(16) Anthracene

17.021min (-0.067) 29.88 ng/ul m

response 1073727

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	16.20
176.00	19.80	18.76
0.00	0.00	0.00

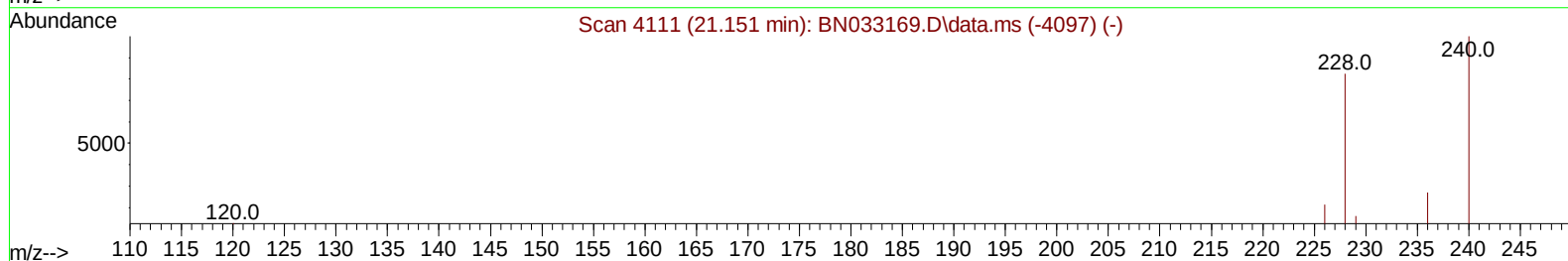
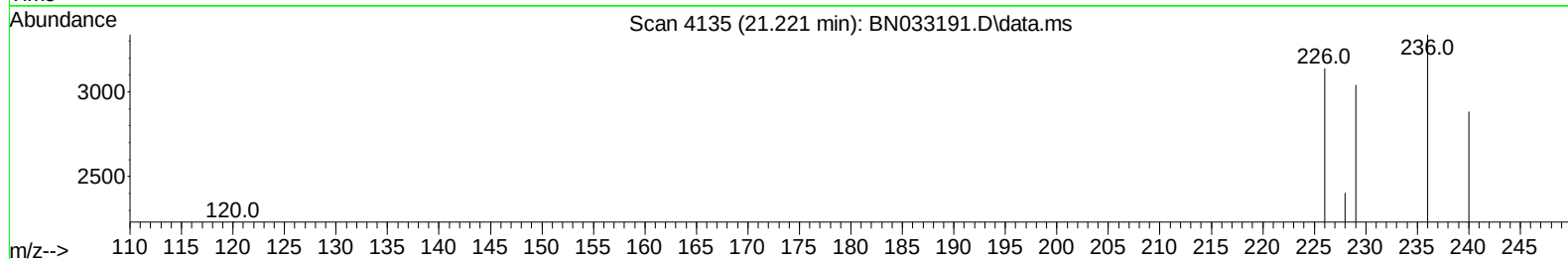
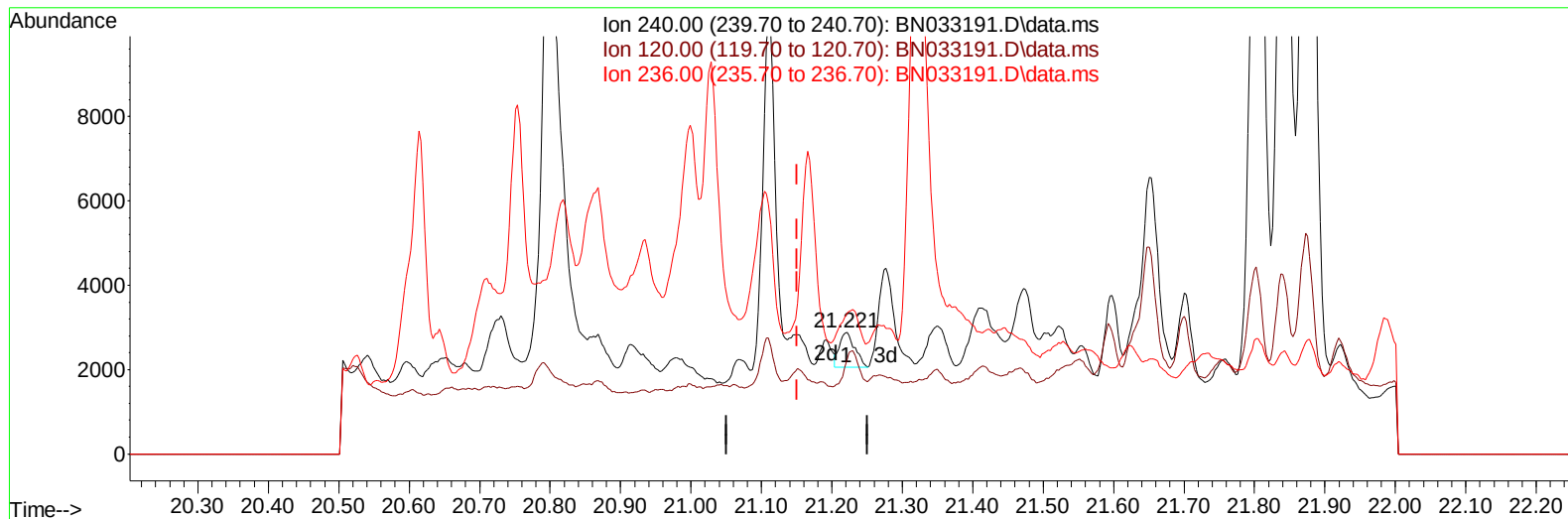
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(17) Chrysene-d12

21.221min (+ 0.070) 0.40 ng/u1

response 1242

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	77.36#
236.00	29.50	115.74#
0.00	0.00	0.00

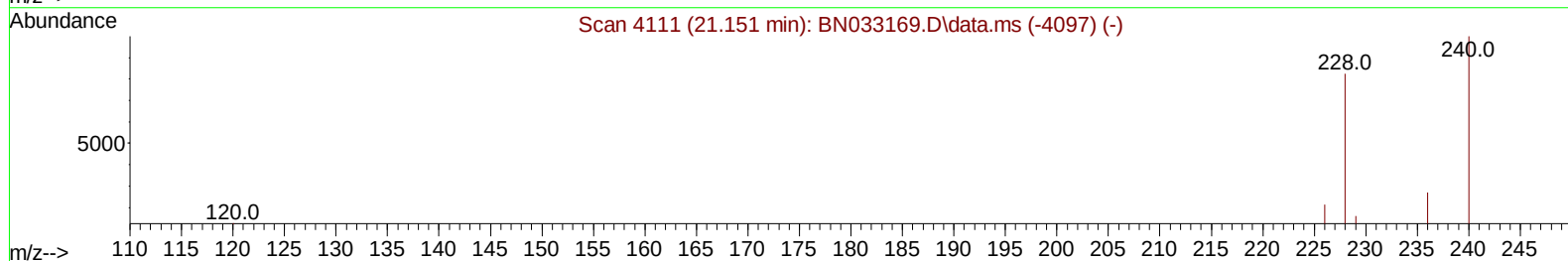
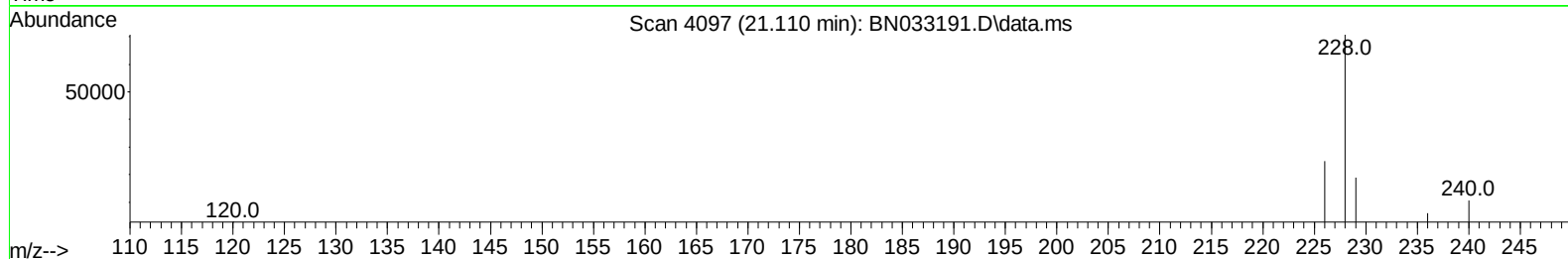
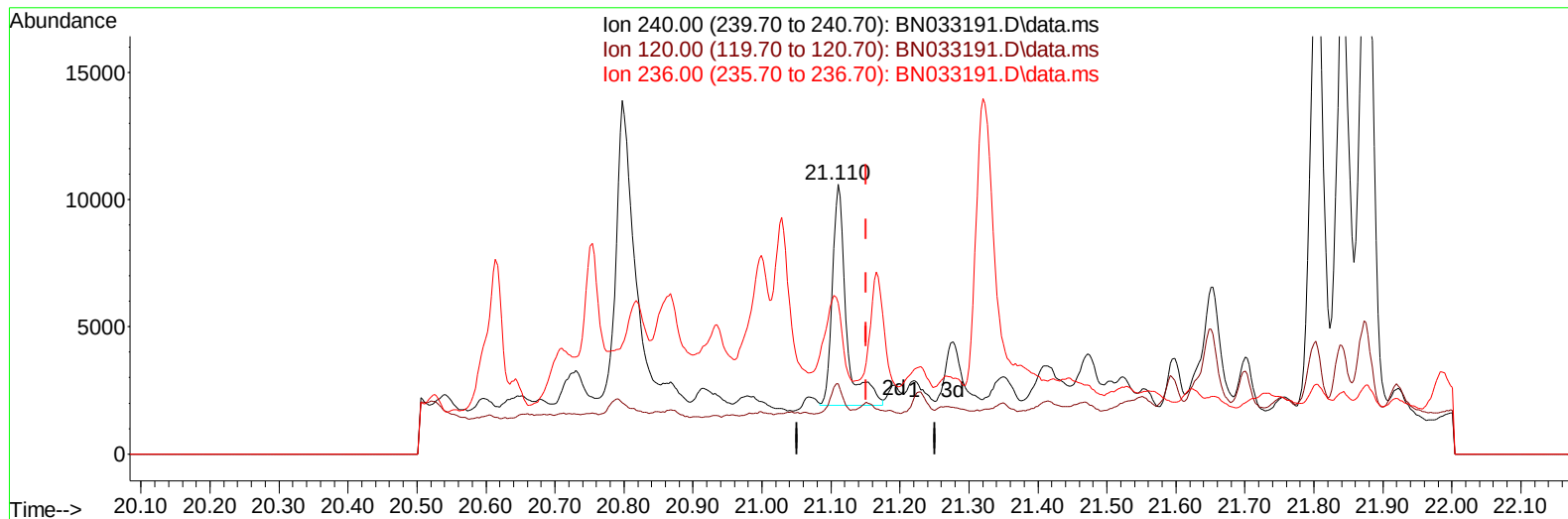
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(17) Chrysene-d12

21.110min (-0.041) 0.40 ng/ul m

response 12342

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	26.01#
236.00	29.50	55.92#
0.00	0.00	0.00

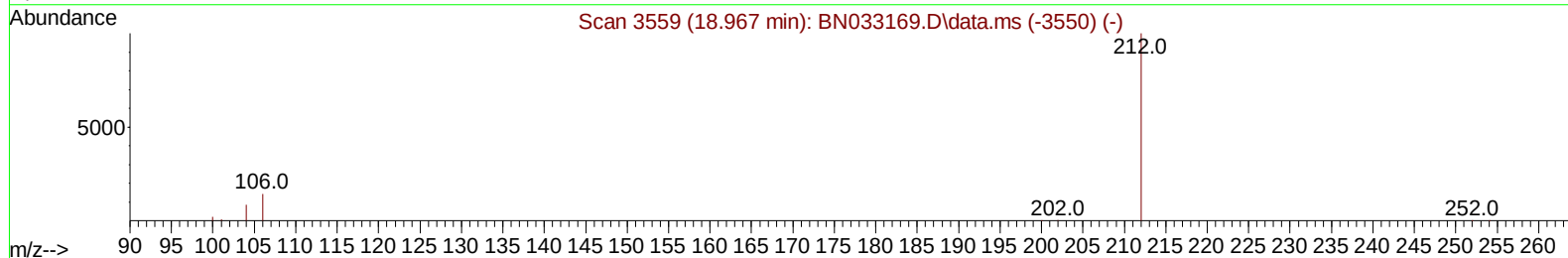
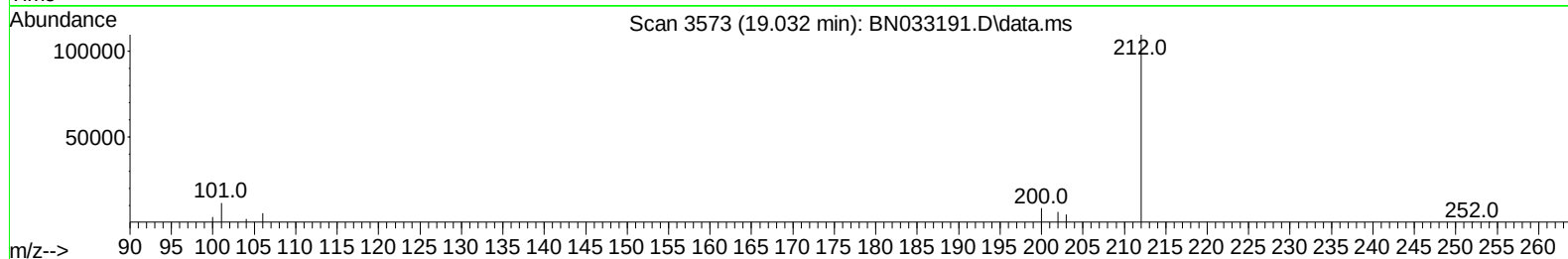
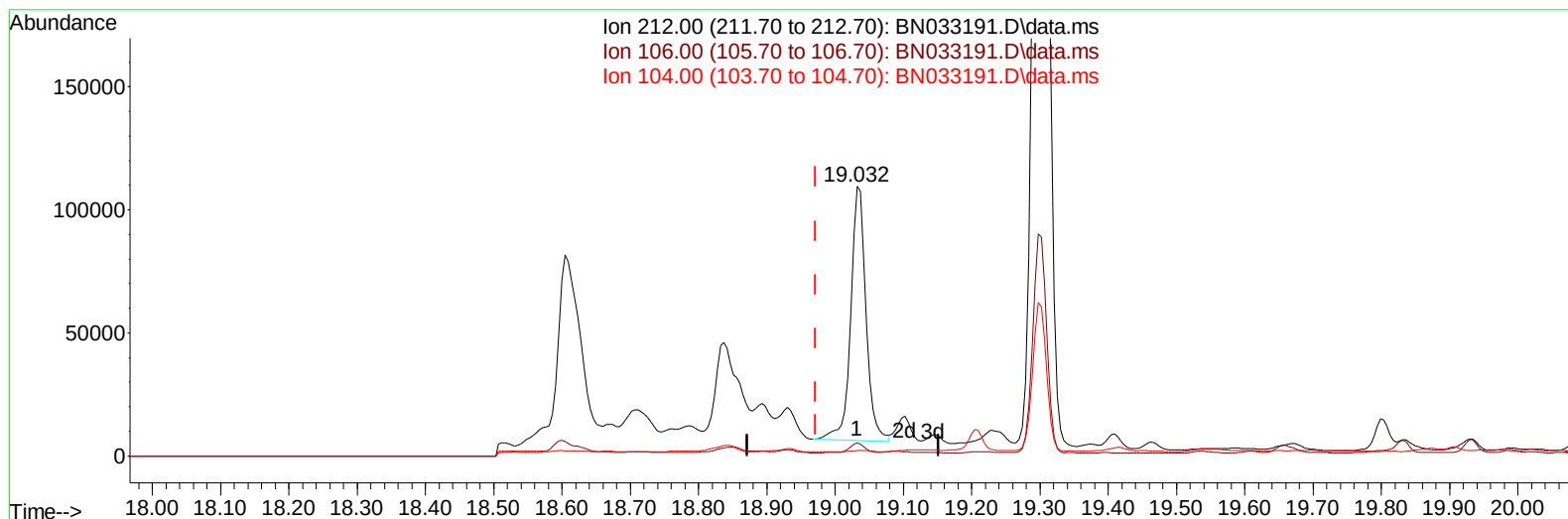
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033191.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.032min (+ 0.061) 4.60 ng/u1

response 160620

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	4.25#
104.00	9.00	0.78#
0.00	0.00	0.00

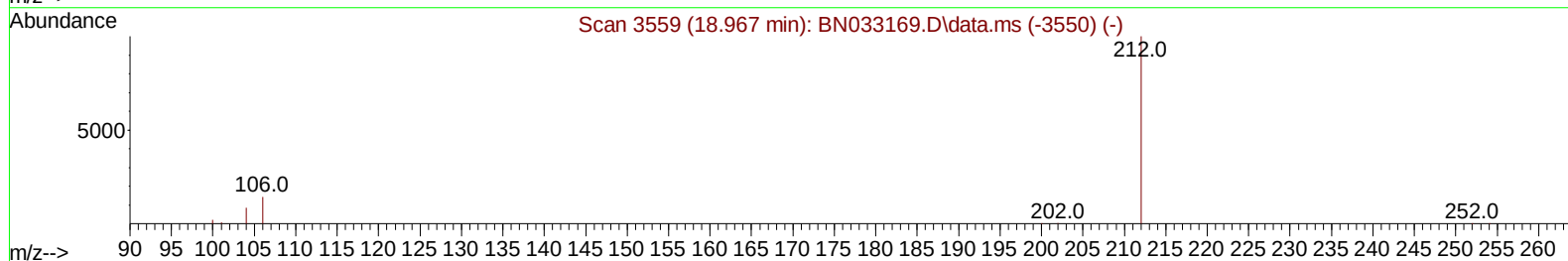
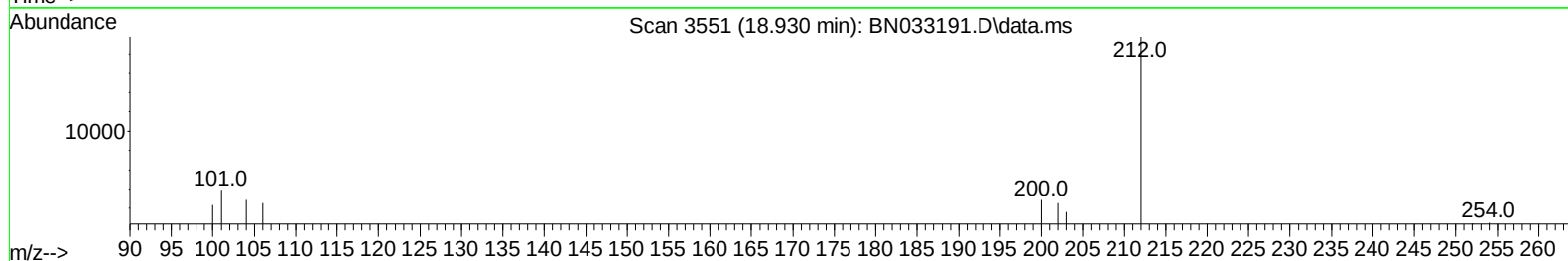
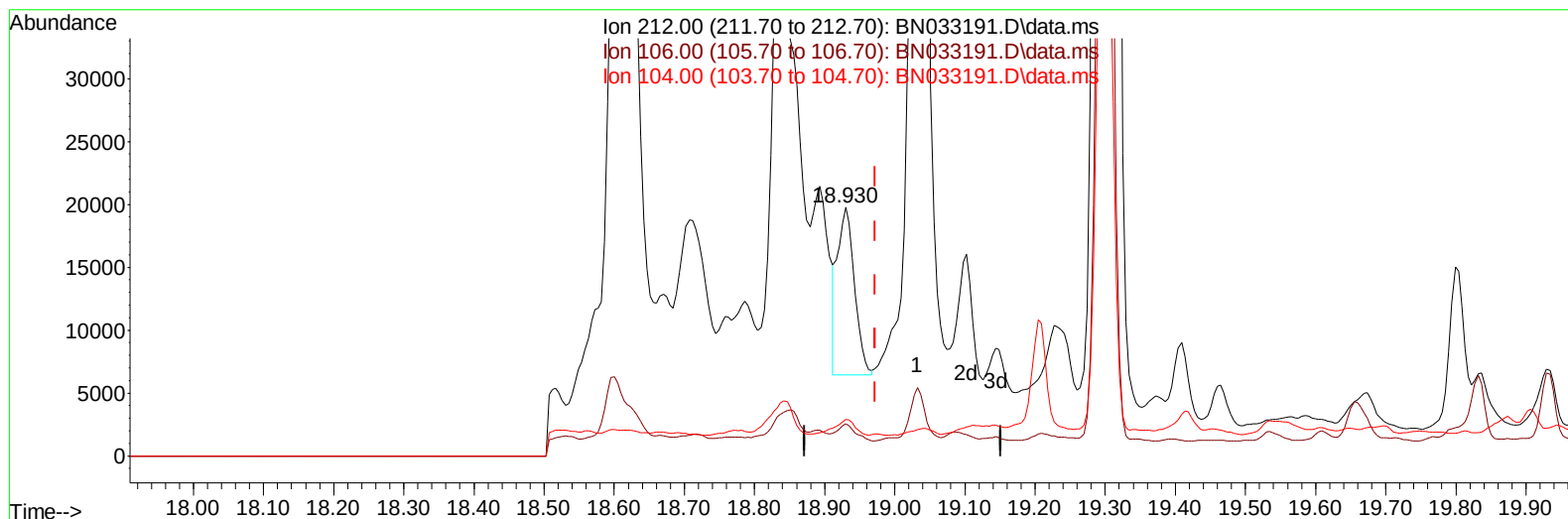
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.930min (-0.042) 0.64 ng/ul m

response 22299

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.00	30.58#
104.00	9.00	5.62#
0.00	0.00	0.00

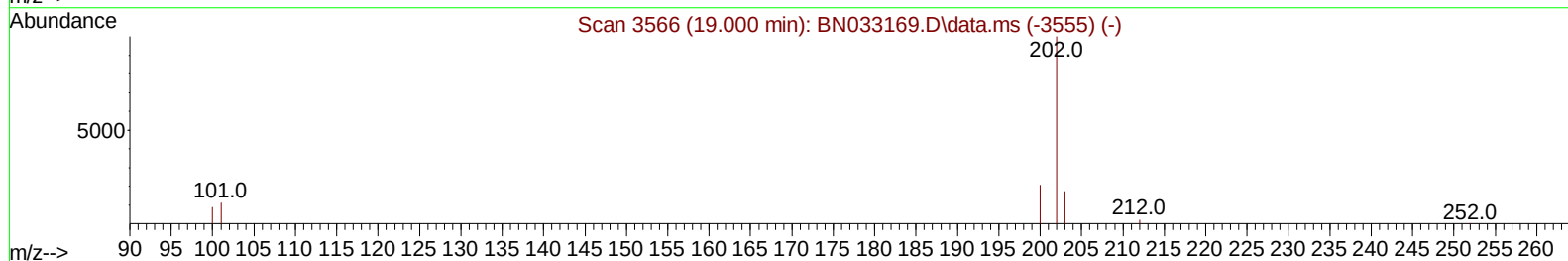
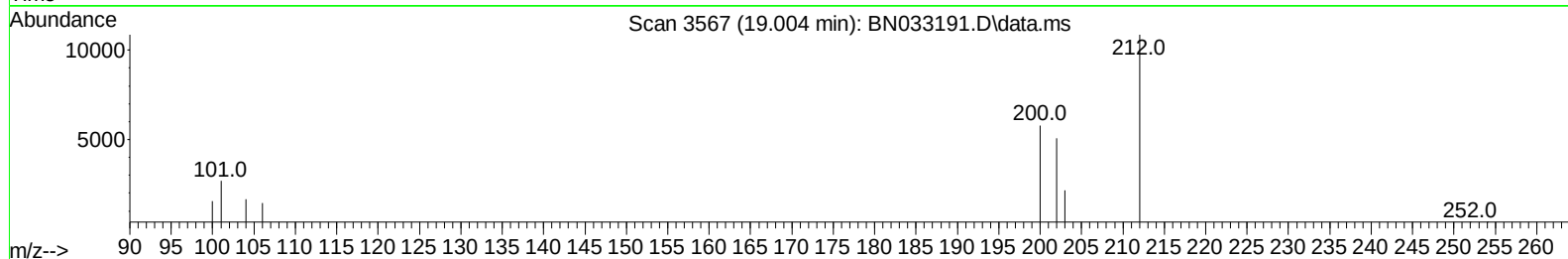
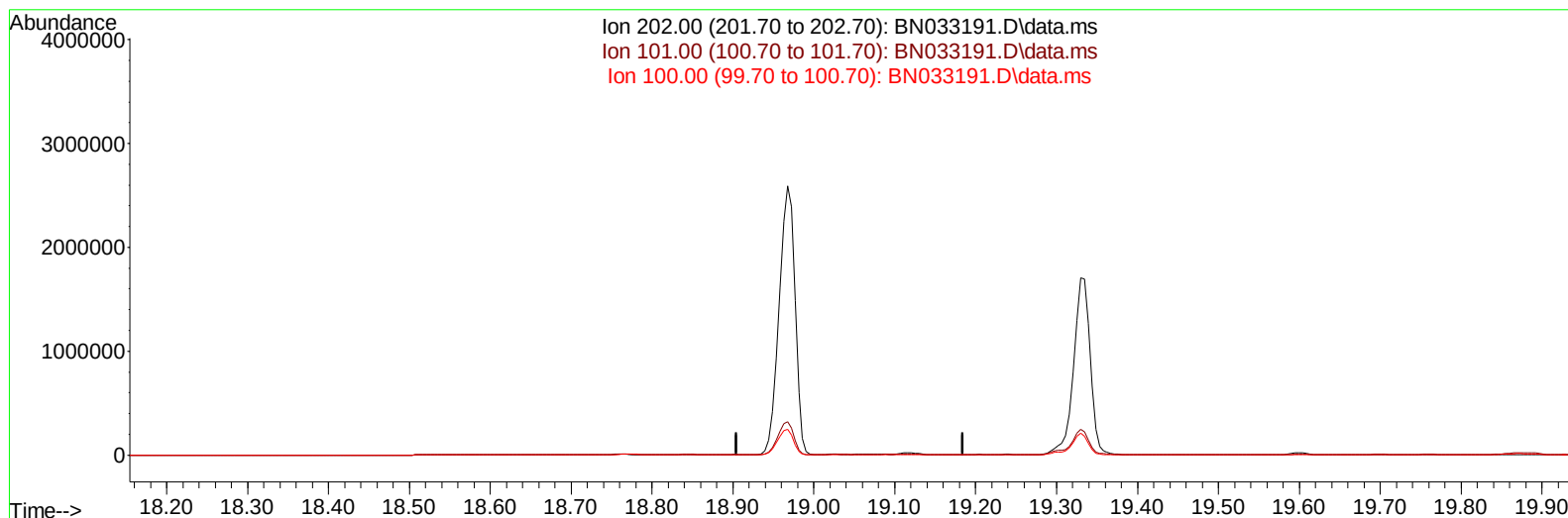
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(19) Fluoranthene (C)

19.004min (-19.004) 0.00 ng/u1

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	13.40	0.00#
100.00	10.40	0.00#
0.00	0.00	0.00

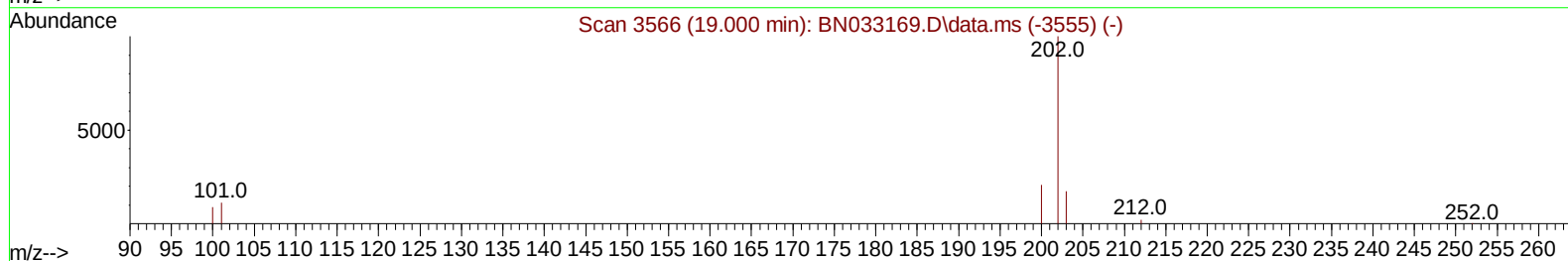
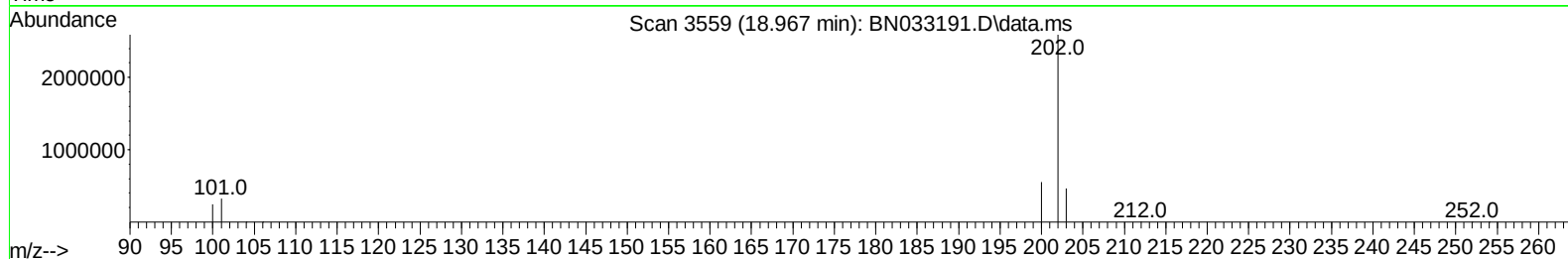
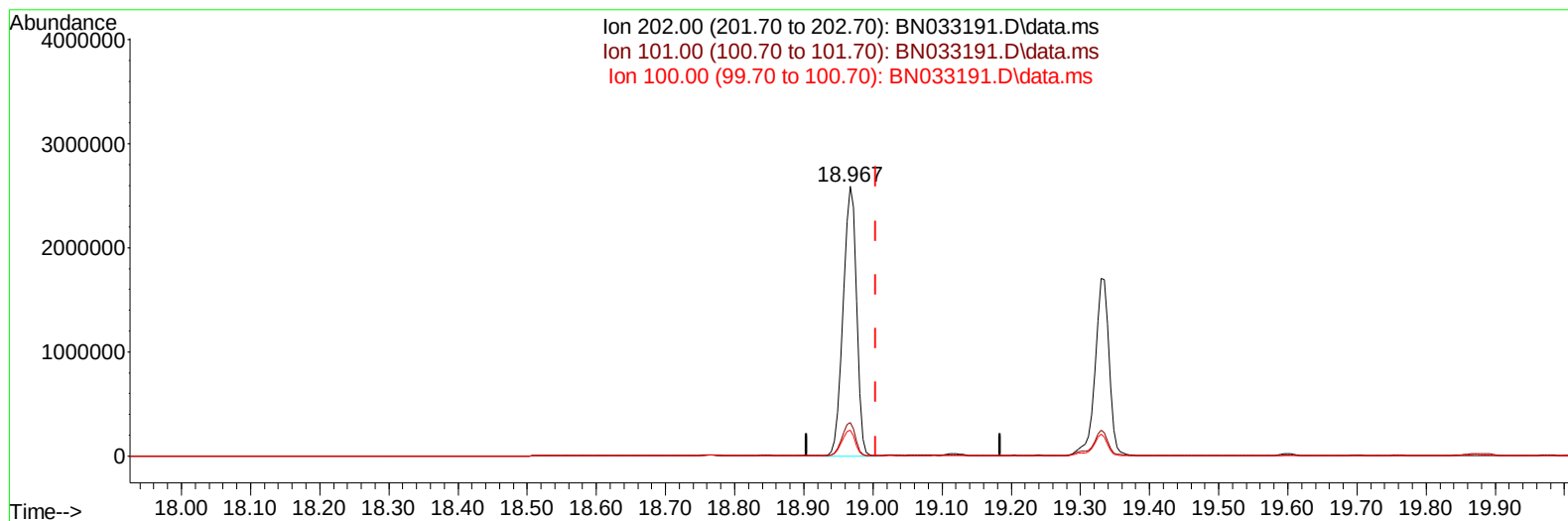
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(19) Fluoranthene (C)

18.967min (-0.037) 87.09 ng/ul m

response 3538998

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.40	12.47
100.00	10.40	9.59
0.00	0.00	0.00

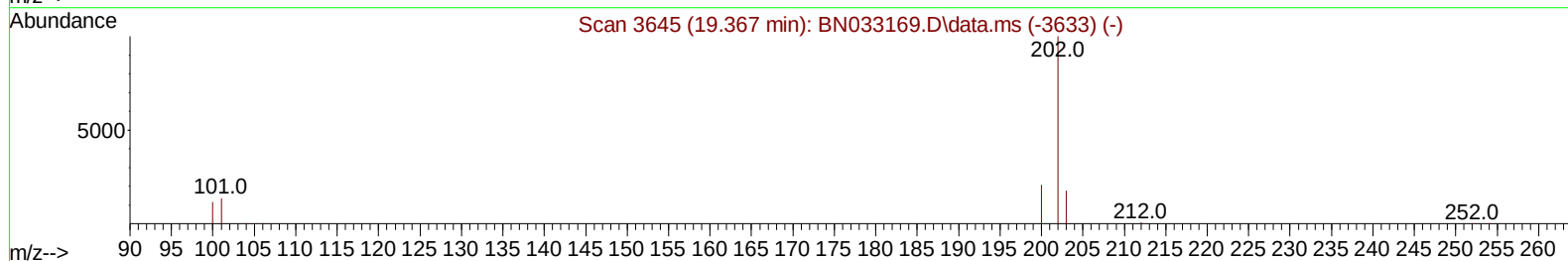
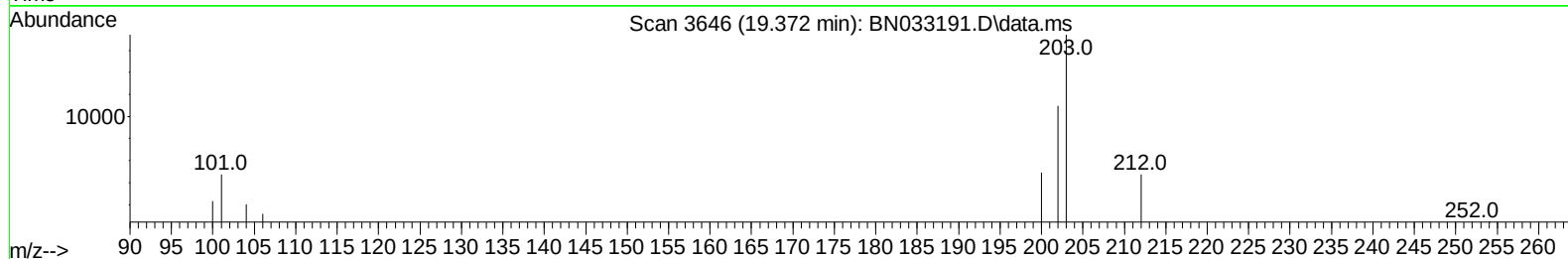
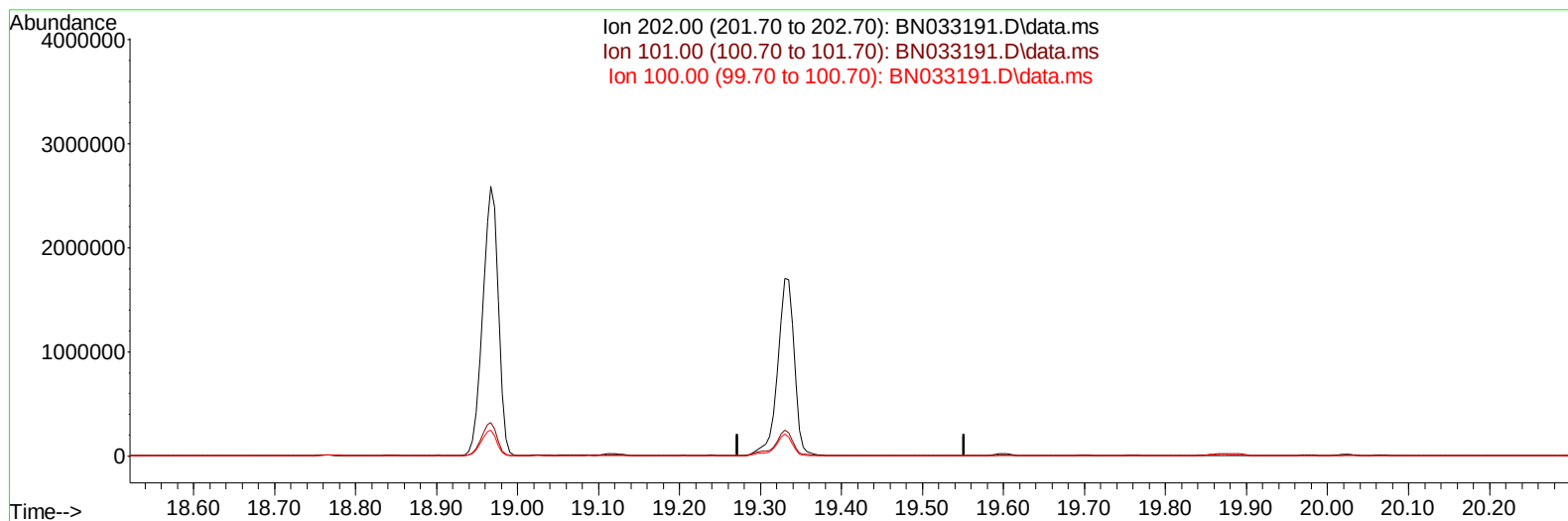
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(20) Pyrene

19.372min (-19.372) 0.00 ng/ul

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	15.70	0.00#
100.00	12.40	0.00#
0.00	0.00	0.00

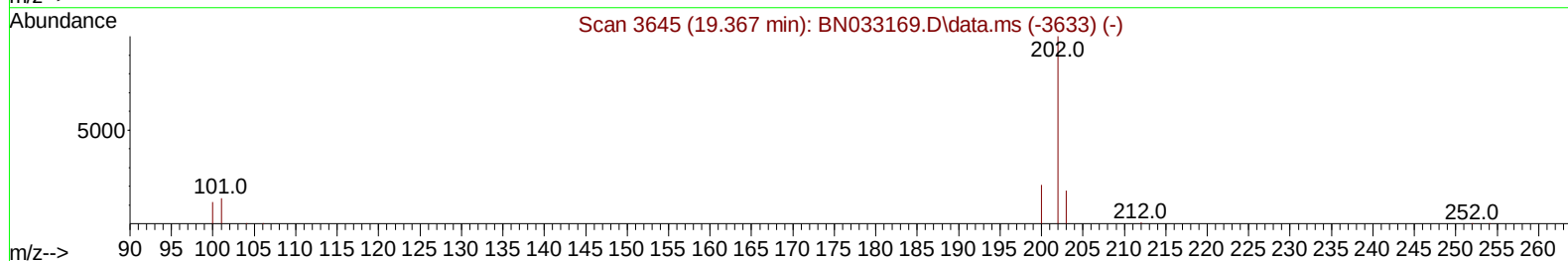
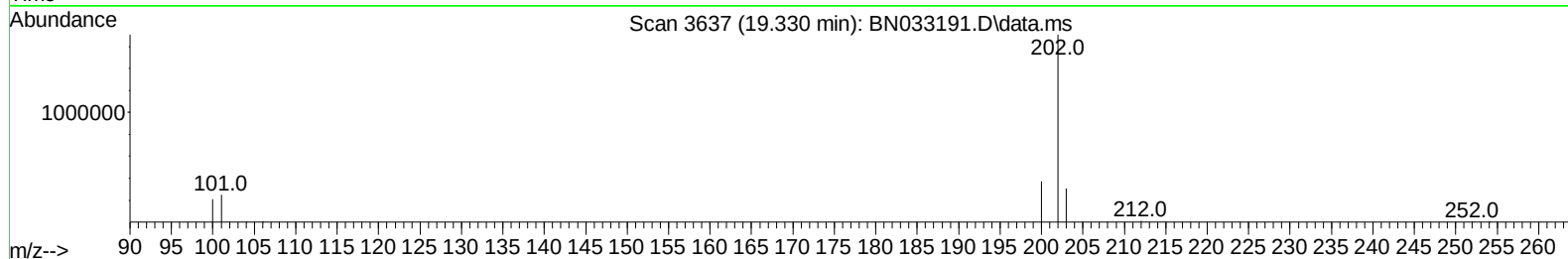
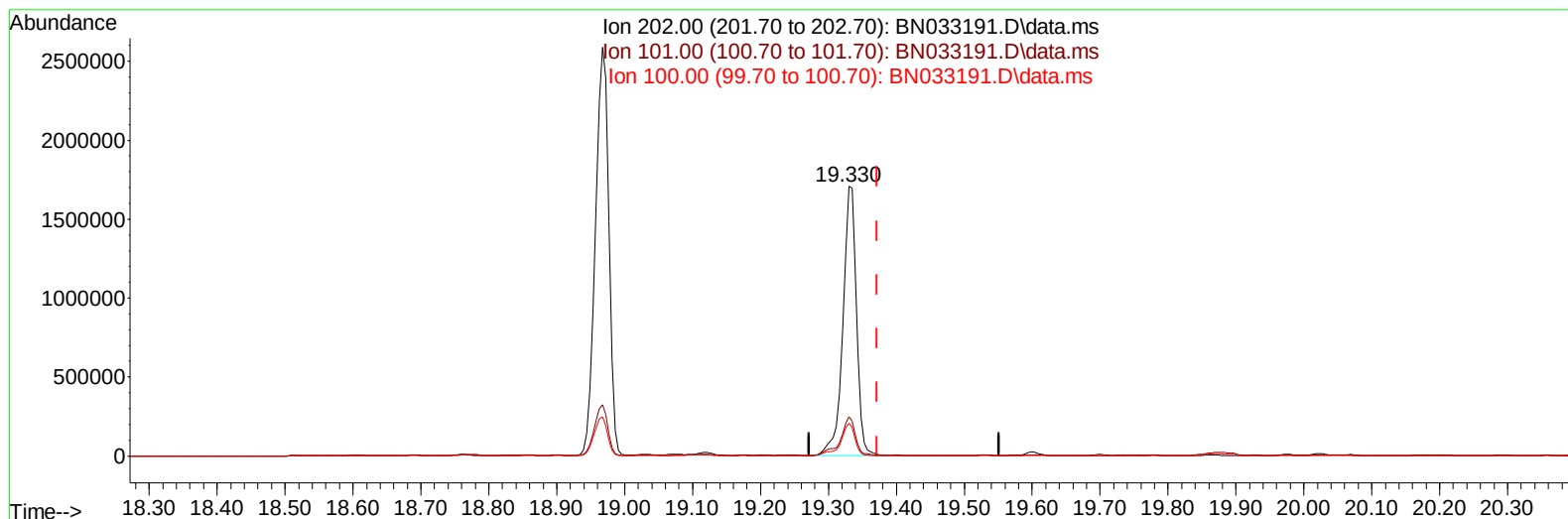
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(20) Pyrene

19.330min (-0.042) 56.09 ng/ul m

response 2444476

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	14.58
100.00	12.40	12.22
0.00	0.00	0.00

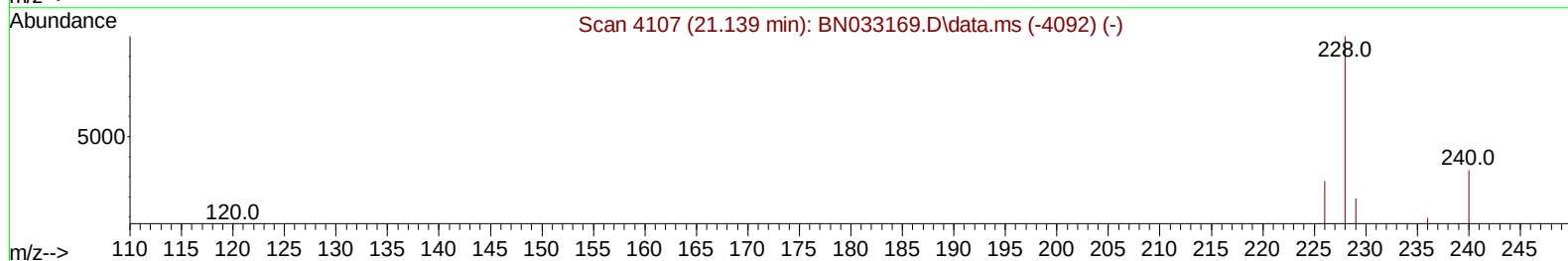
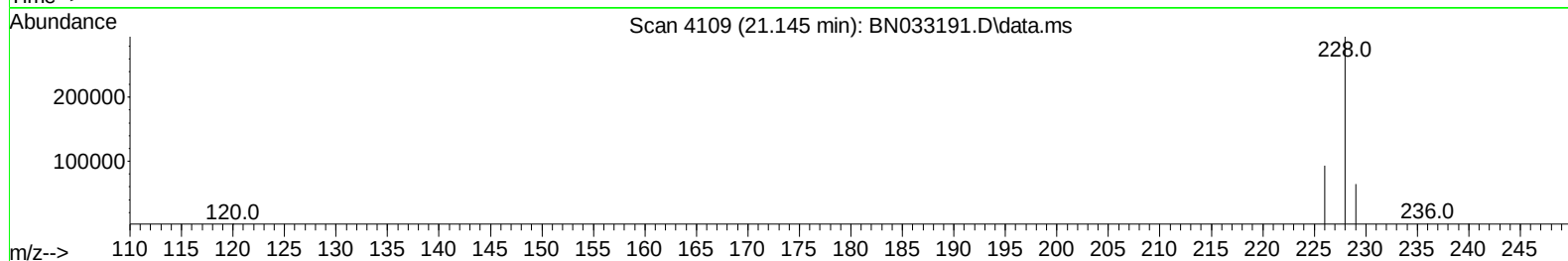
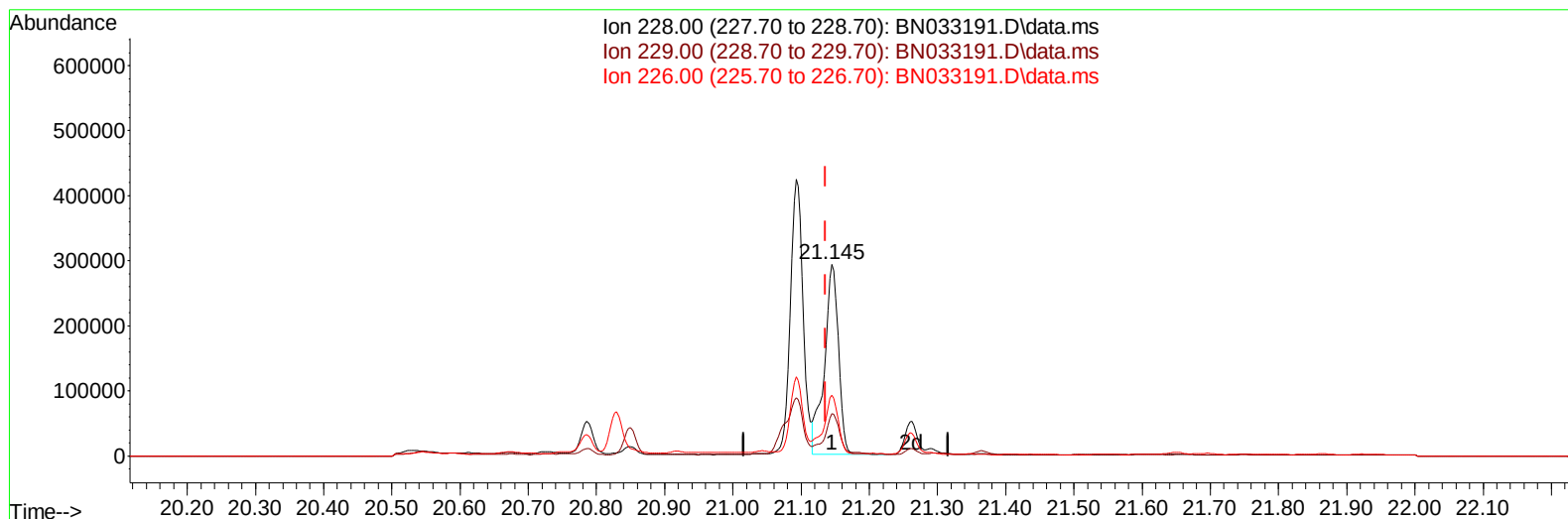
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(21) Benzo(a)anthracene

21.145min (+ 0.009) 10.10 ng/ul

response 425111

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.95
226.00	28.00	31.59
0.00	0.00	0.00

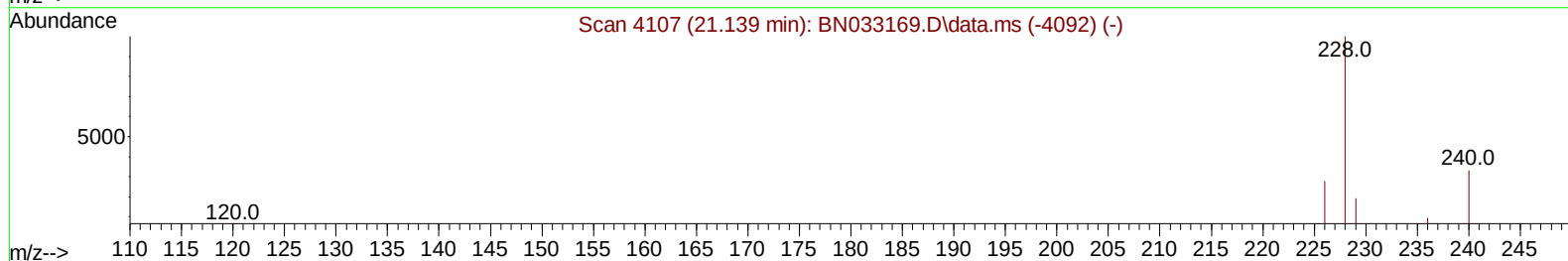
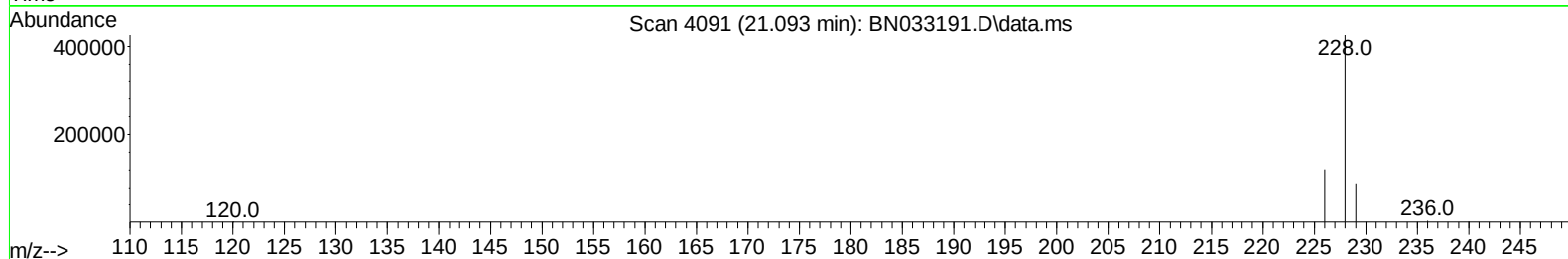
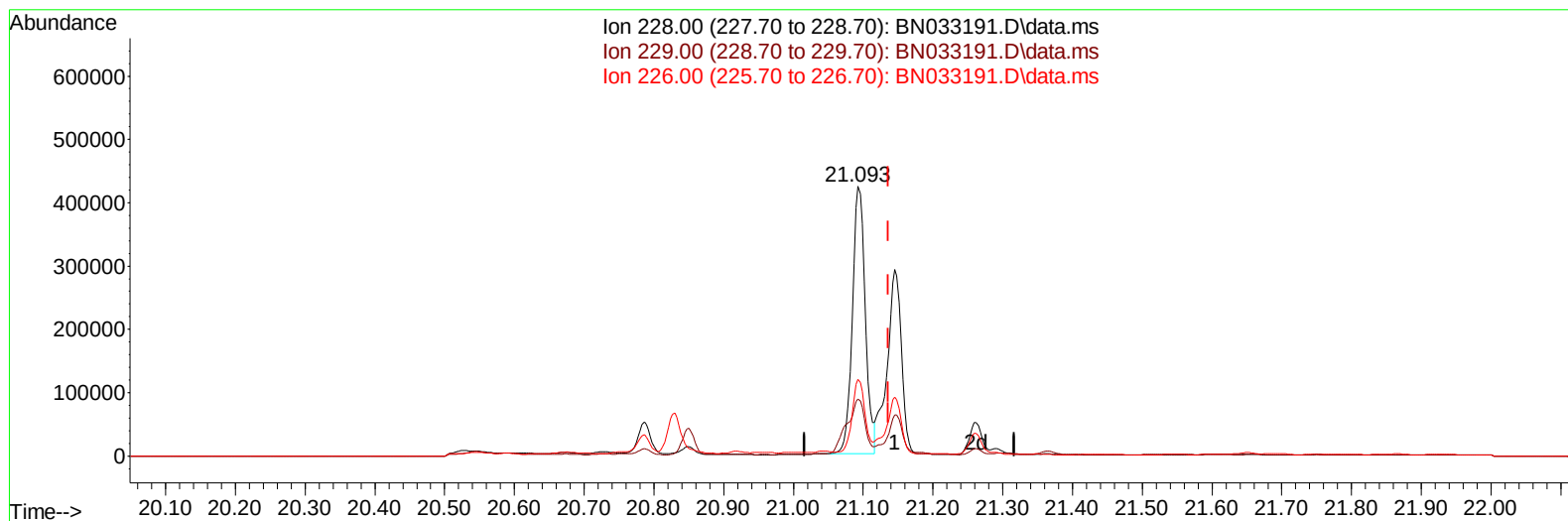
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(21) Benzo(a)anthracene

21.093min (-0.044) 13.00 ng/ul m

response 547129

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	21.08
226.00	28.00	28.48
0.00	0.00	0.00

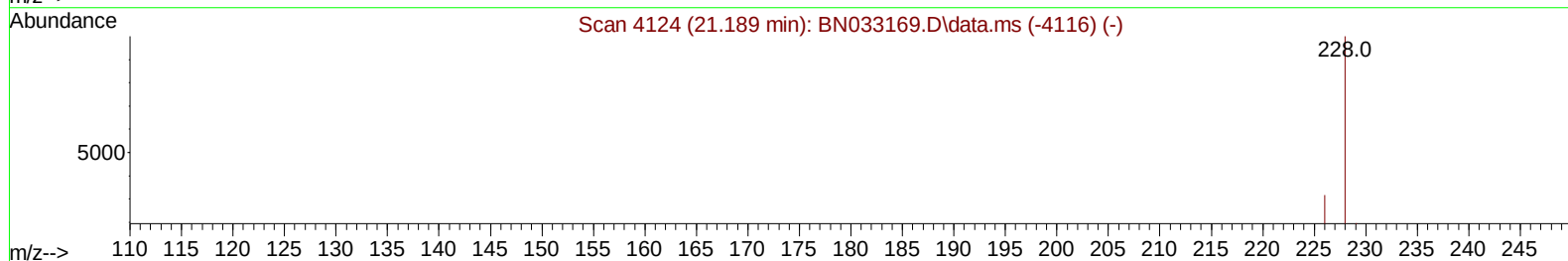
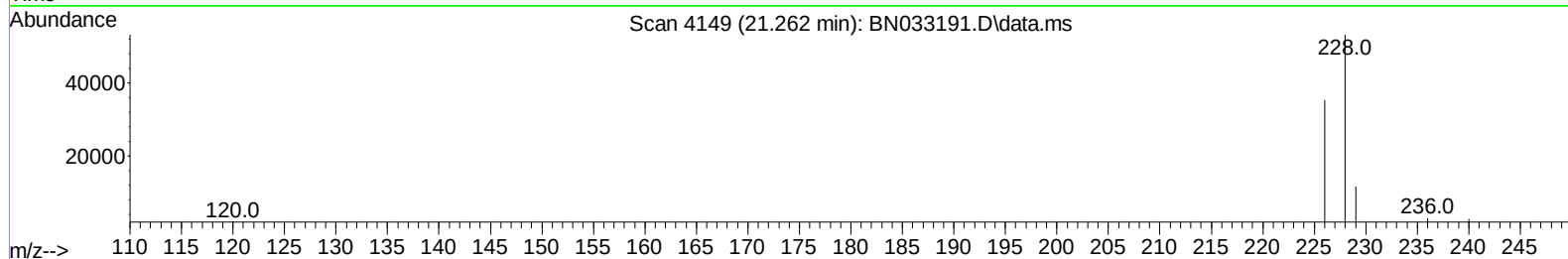
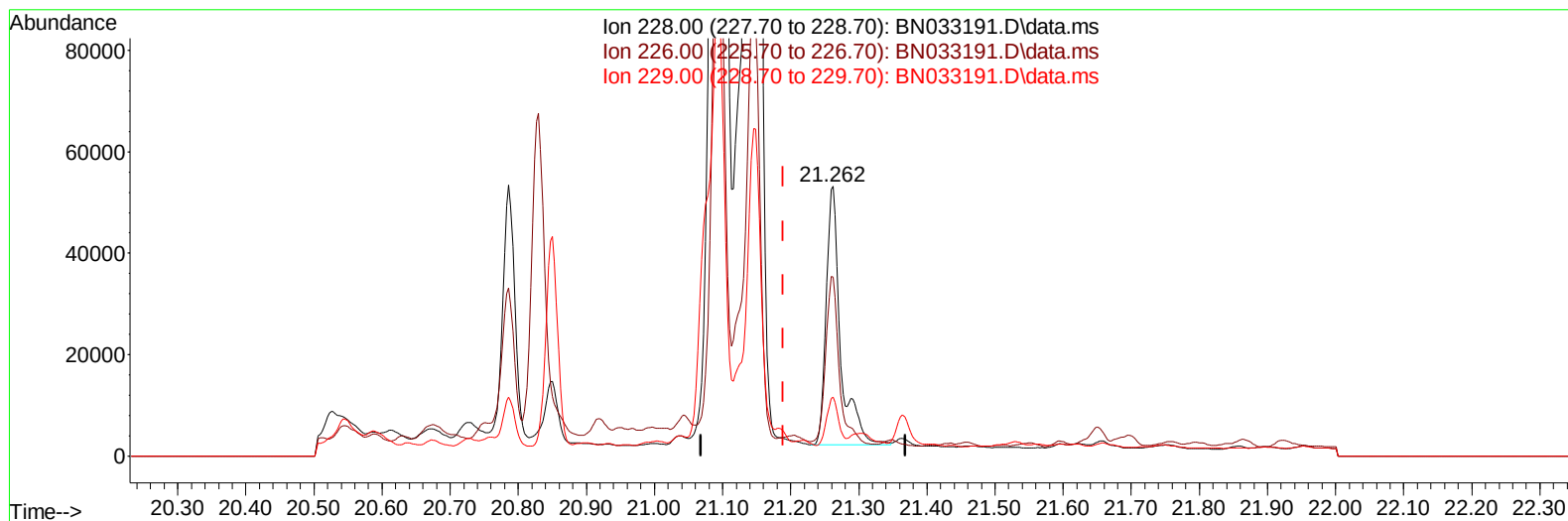
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(22) Chrysene

21.262min (+ 0.073) 1.53 ng/u1

response 75295

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	66.29#
229.00	21.30	21.91
0.00	0.00	0.00

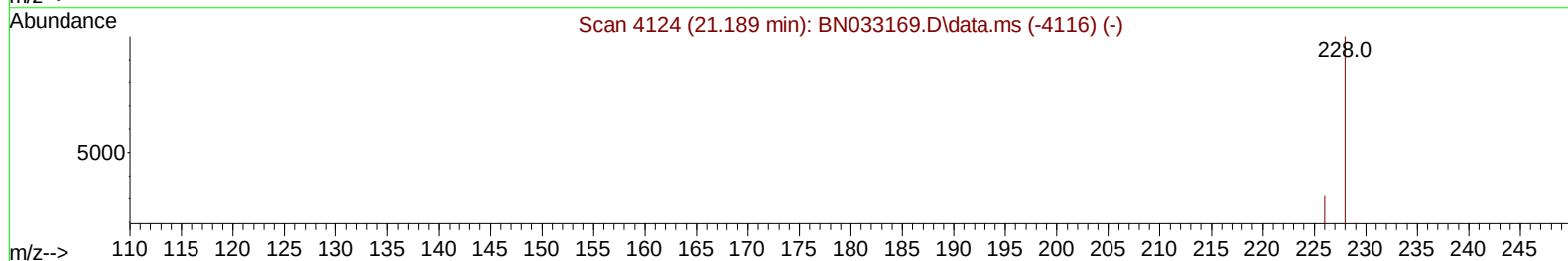
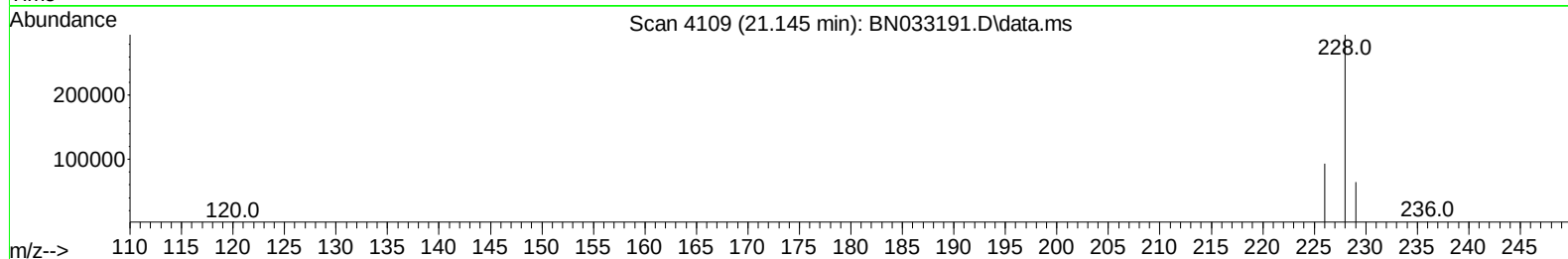
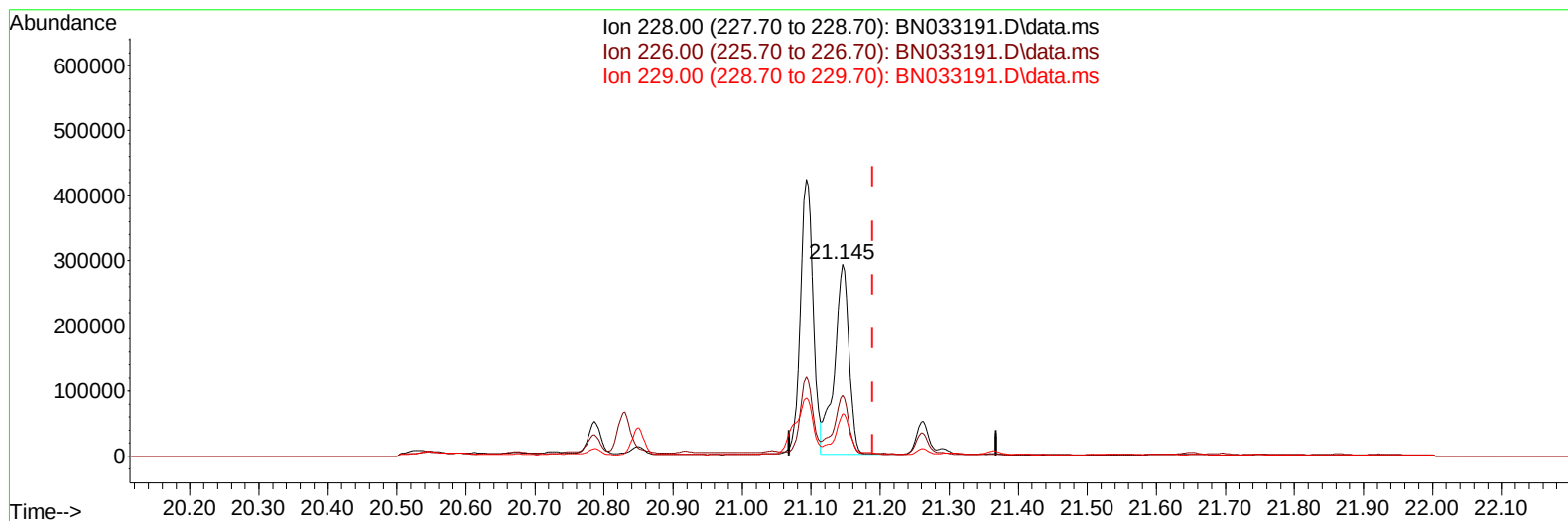
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(22) Chrysene

21.145min (-0.044) 8.80 ng/ul m

response 432457

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	31.59
229.00	21.30	21.95
0.00	0.00	0.00

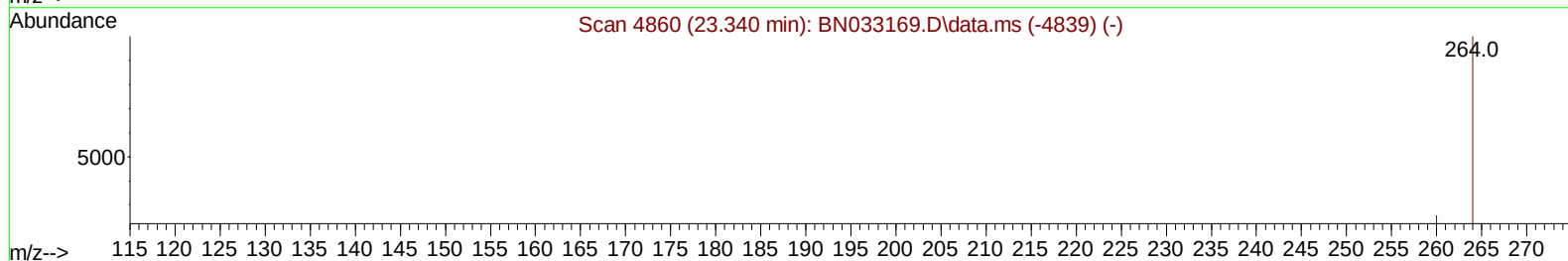
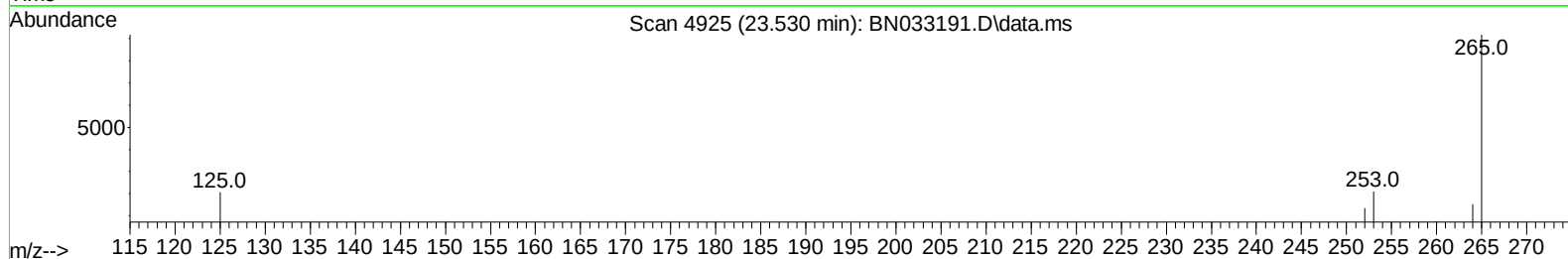
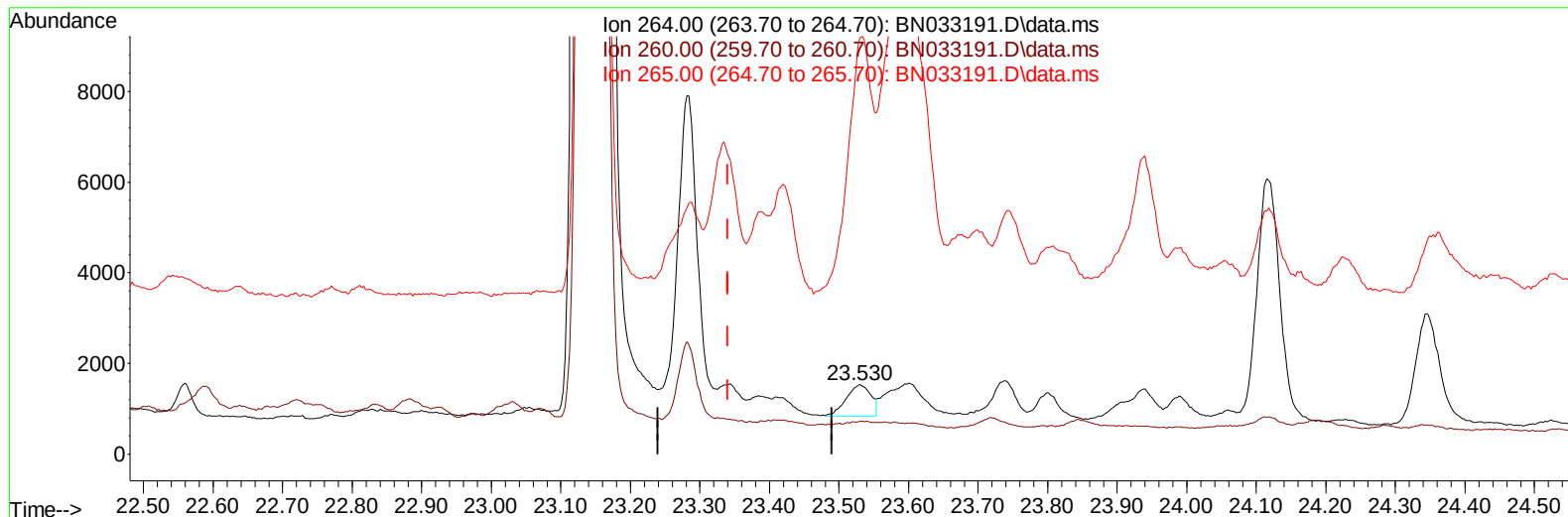
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(23) Perylene-d12 (I)

23.530min (+ 0.190) 0.40 ng/u1

response 1746

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	46.83#
265.00	80.60	599.28#
0.00	0.00	0.00

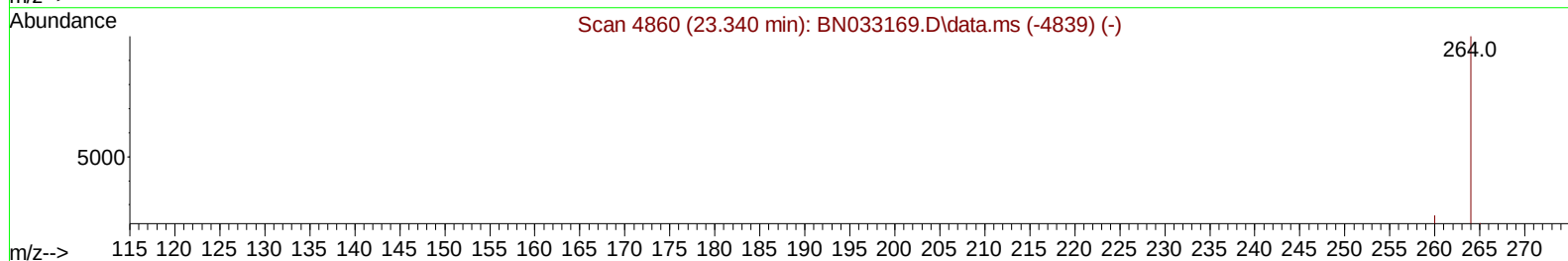
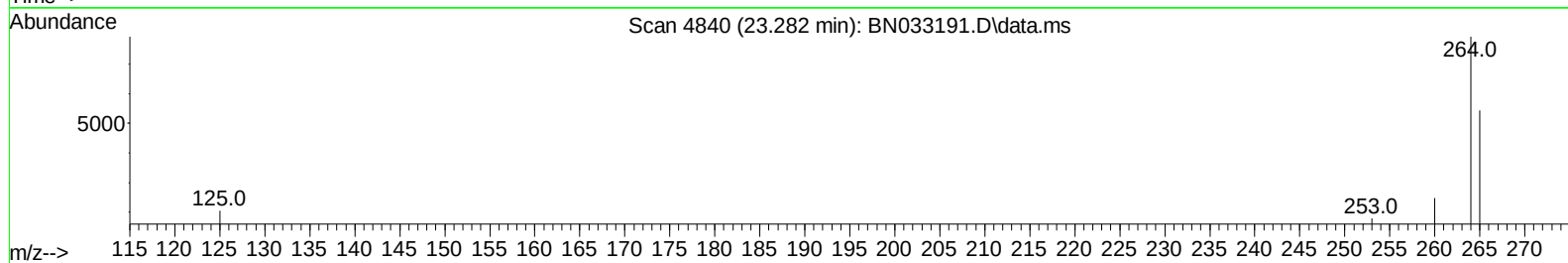
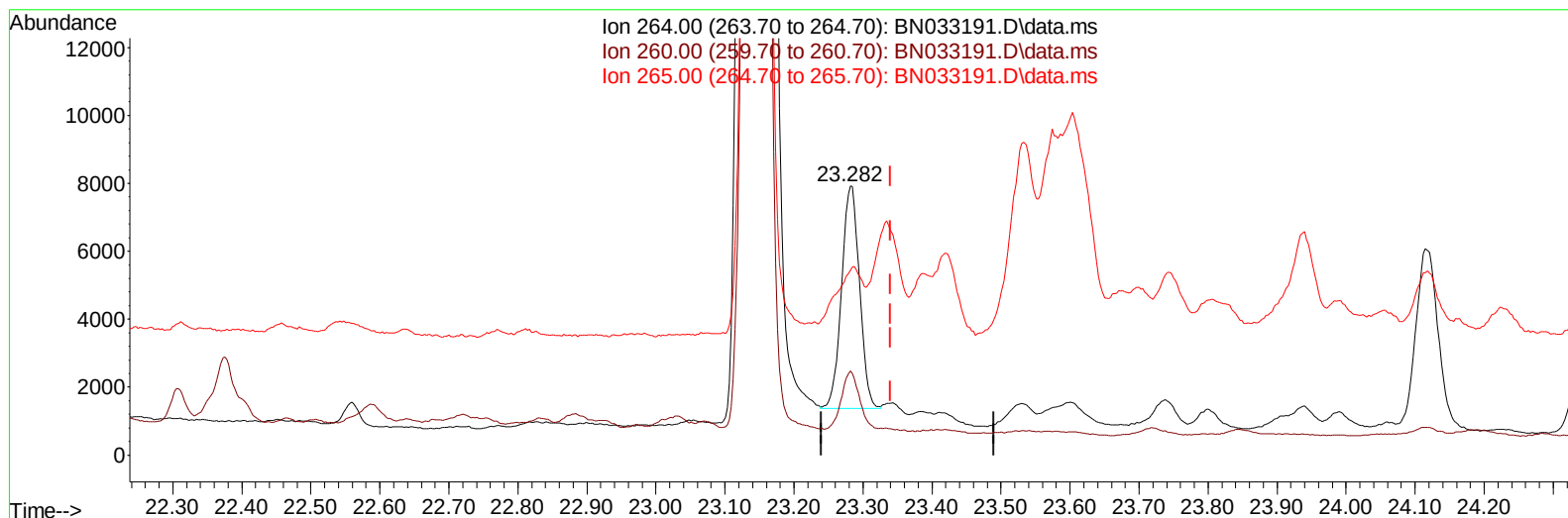
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(23) Perylene-d12 (I)

23.282min (-0.058) 0.40 ng/ul m

response 11834

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	31.32
265.00	80.60	68.72
0.00	0.00	0.00

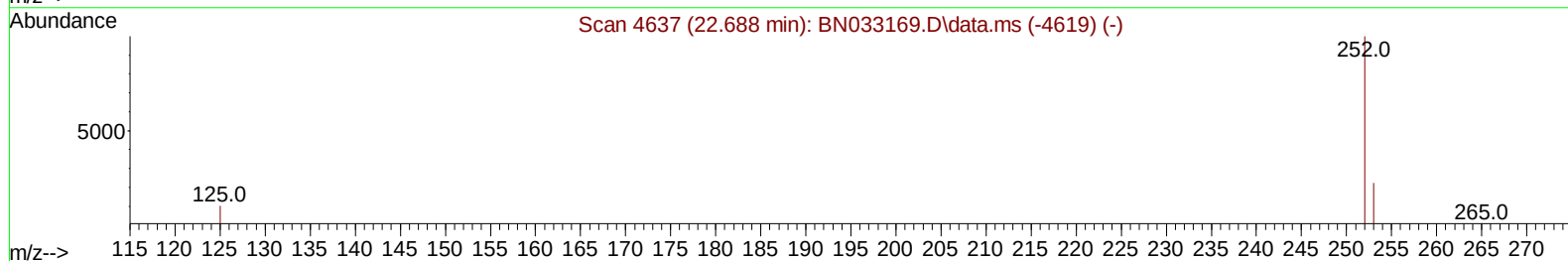
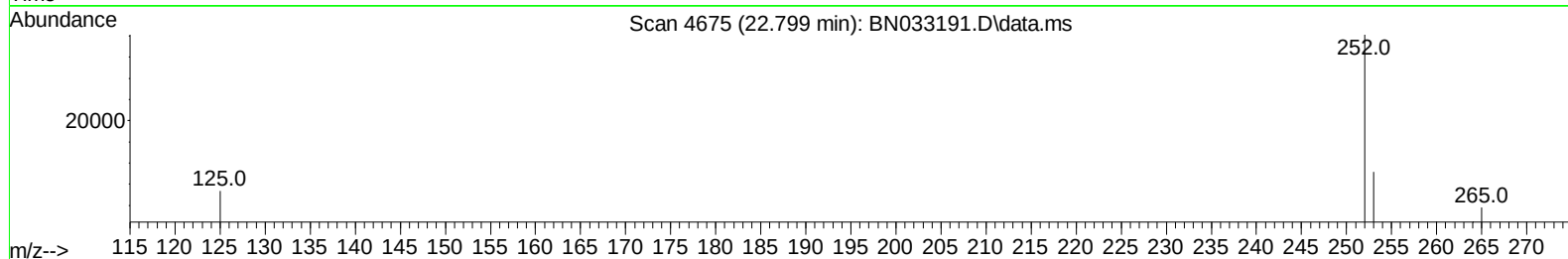
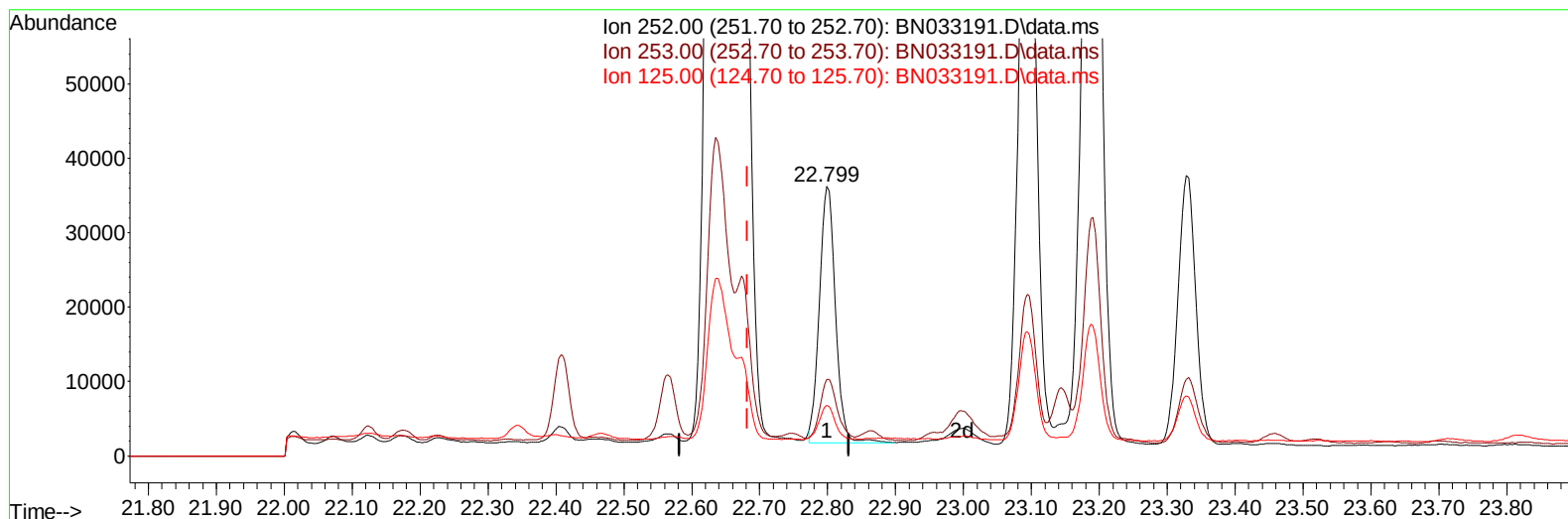
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(24) Benzo(b)fluoranthene

22.799min (+ 0.117) 1.63 ng/u1

response 56291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	28.53
125.00	25.50	18.66
0.00	0.00	0.00

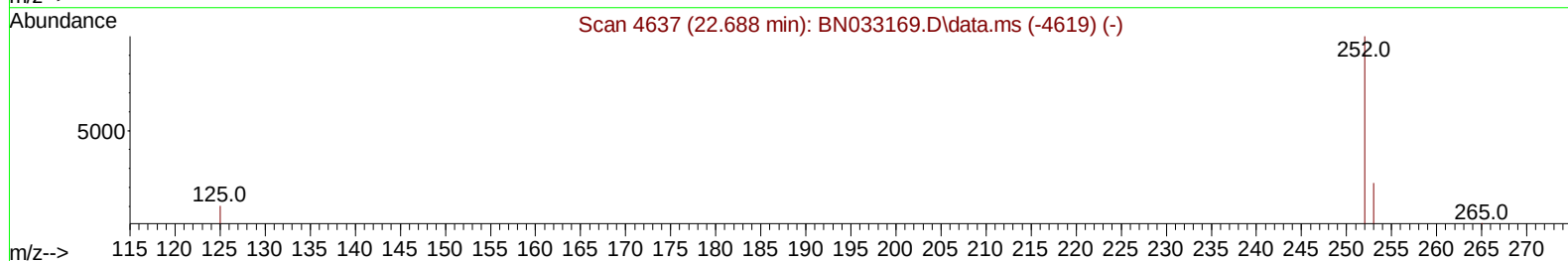
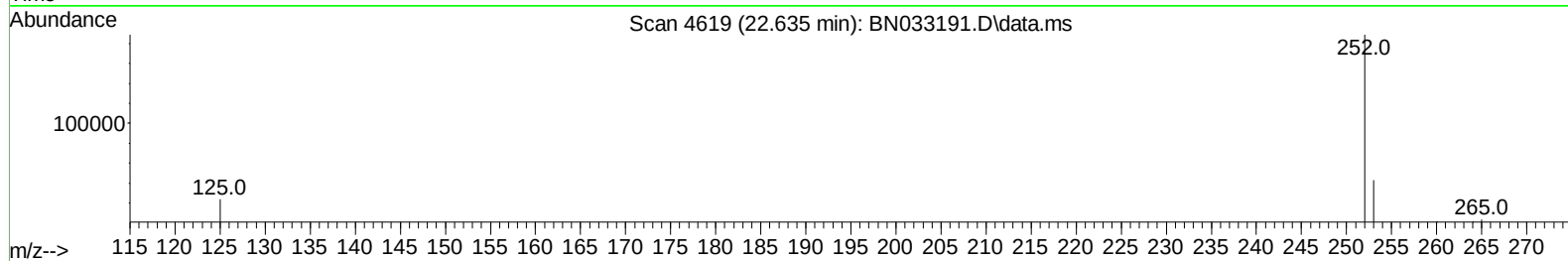
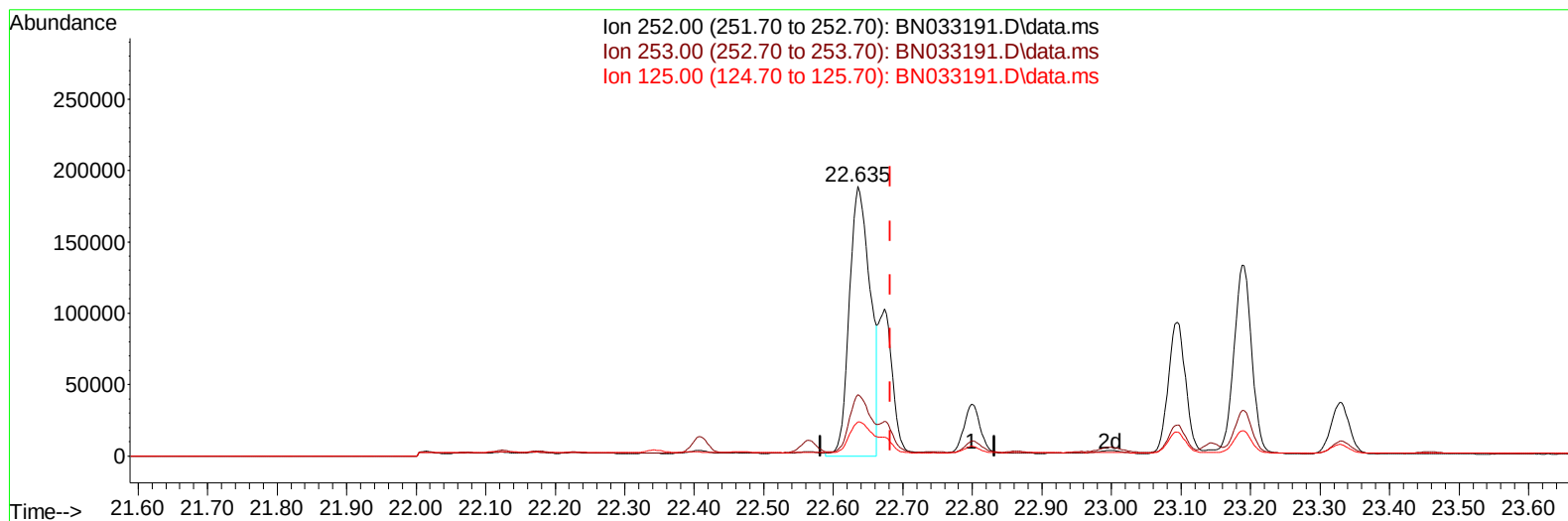
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(24) Benzo(b)fluoranthene

22.635min (-0.047) 11.36 ng/ul m

response 392702

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	22.67
125.00	25.50	12.64
0.00	0.00	0.00

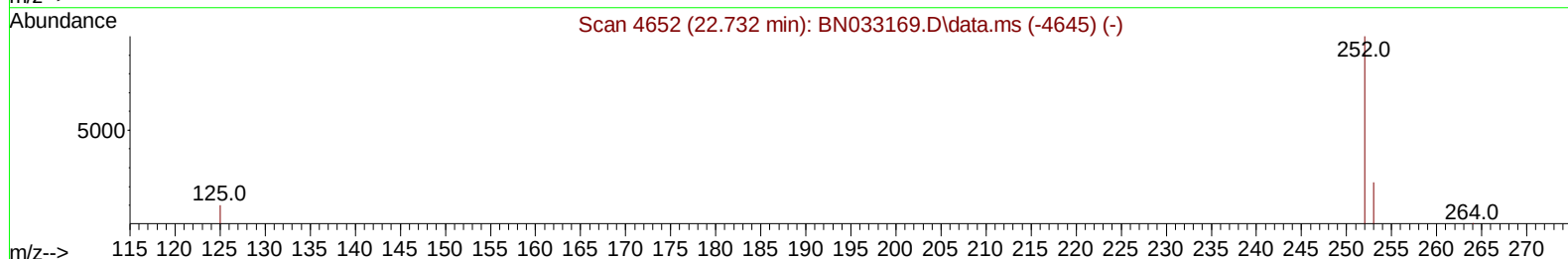
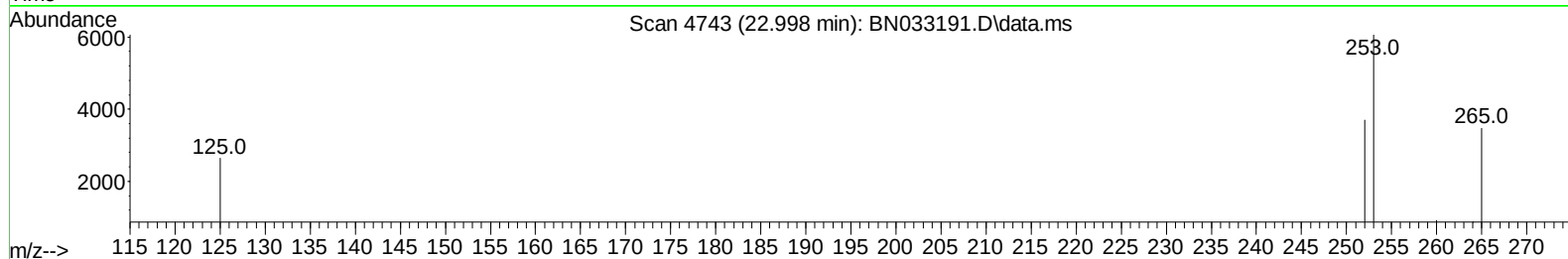
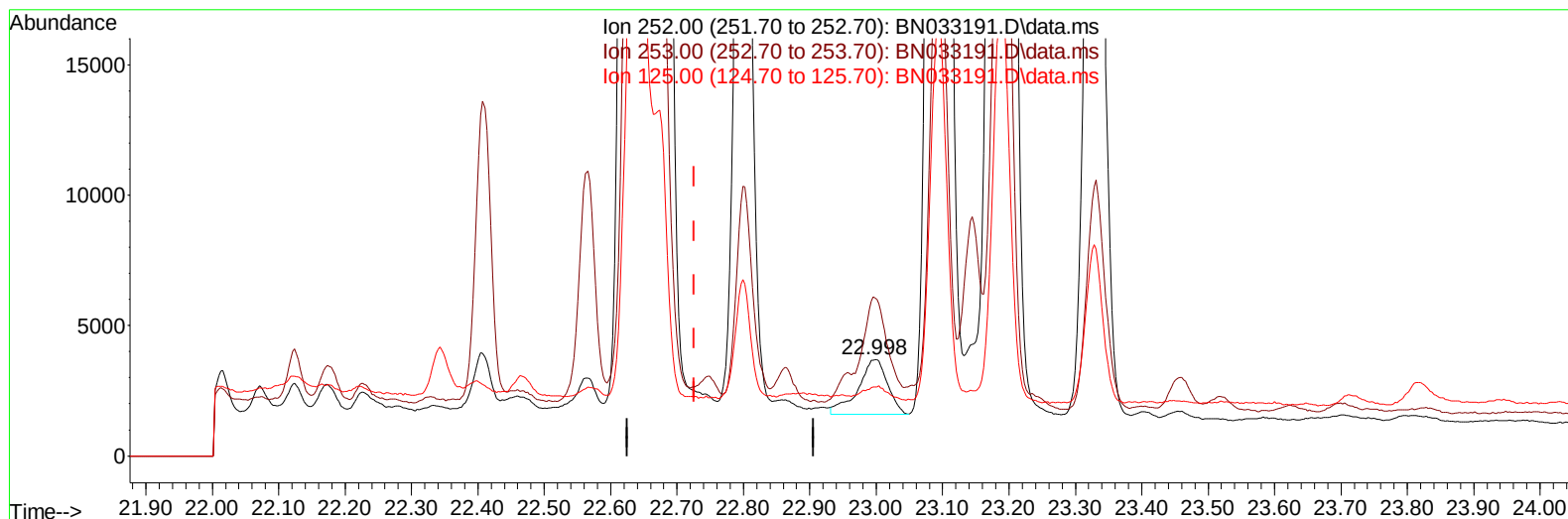
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(25) Benzo(k)fluoranthene

22.998min (+ 0.272) 0.16 ng/u1

response 6560

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	163.90#
125.00	26.10	71.52#
0.00	0.00	0.00

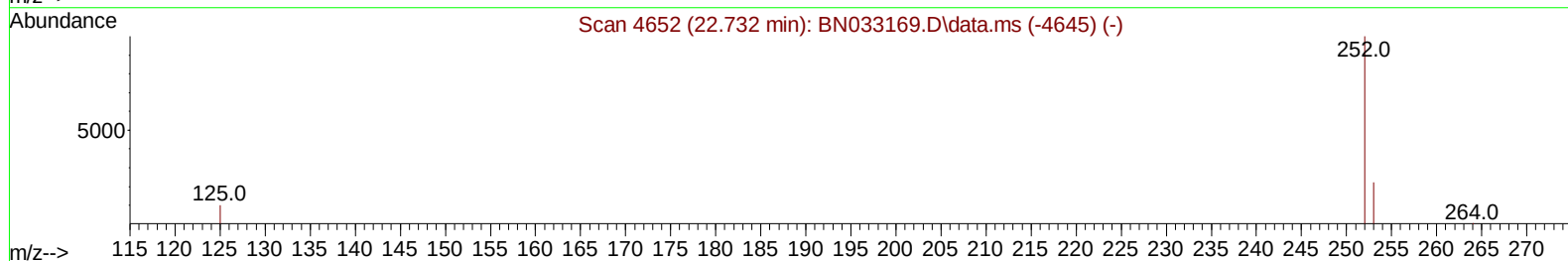
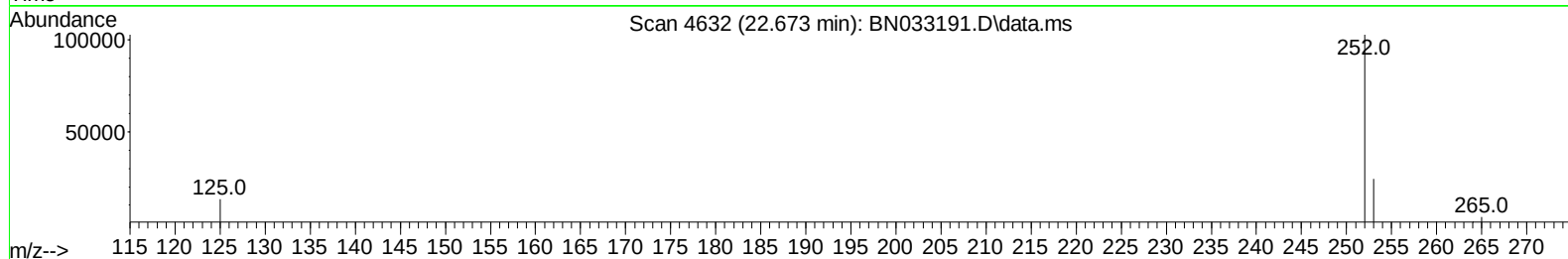
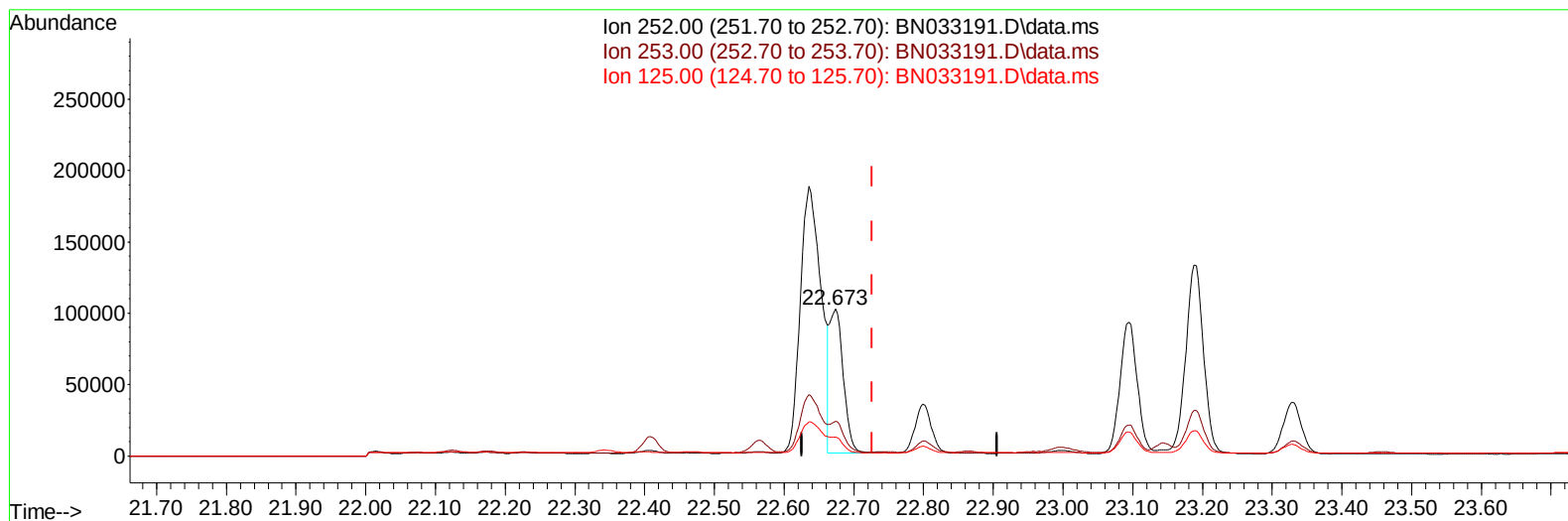
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

(25) Benzo(k)fluoranthene

22.673min (-0.053) 3.39 ng/ul m

response 140418

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	23.50#
125.00	26.10	12.90#
0.00	0.00	0.00

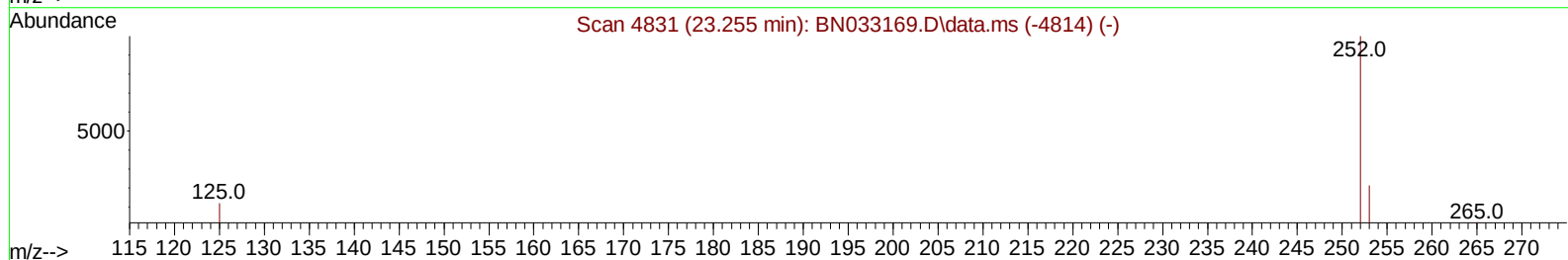
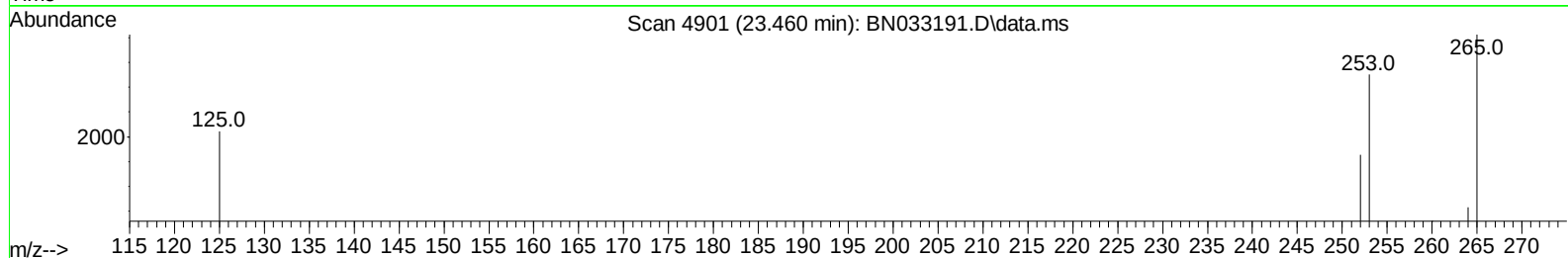
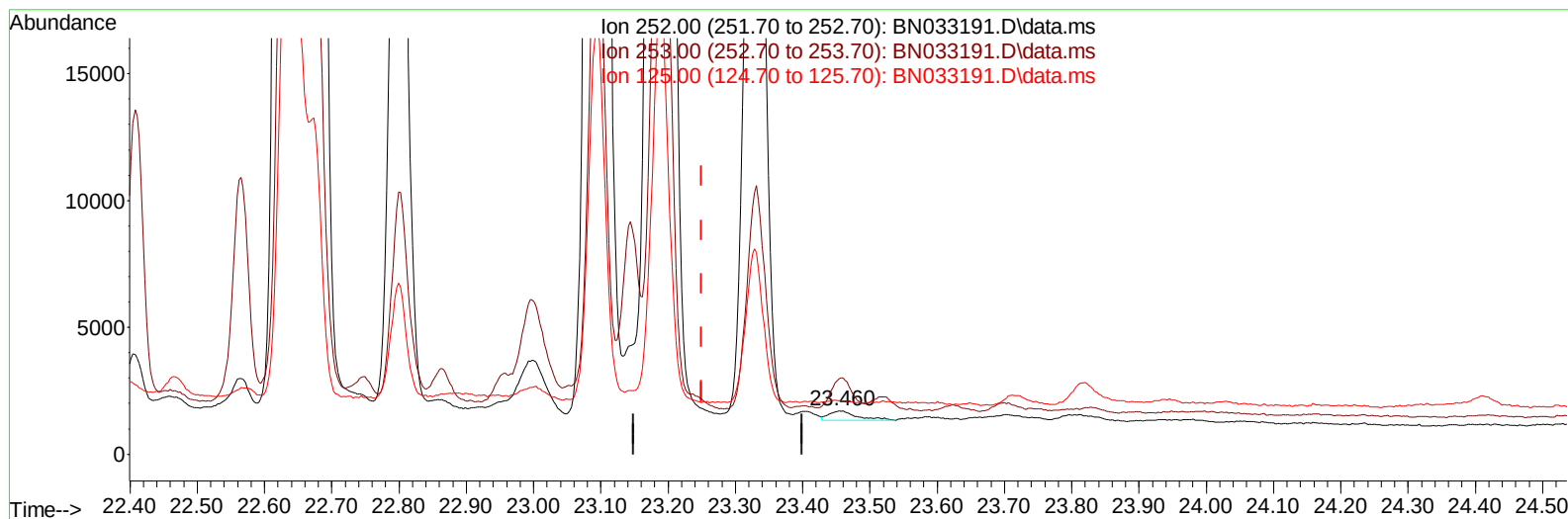
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(26) Benzo(a)pyrene (C)

23.460min (+ 0.211) 0.03 ng/u1

response 1024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	175.26#
125.00	33.80	121.76#
0.00	0.00	0.00

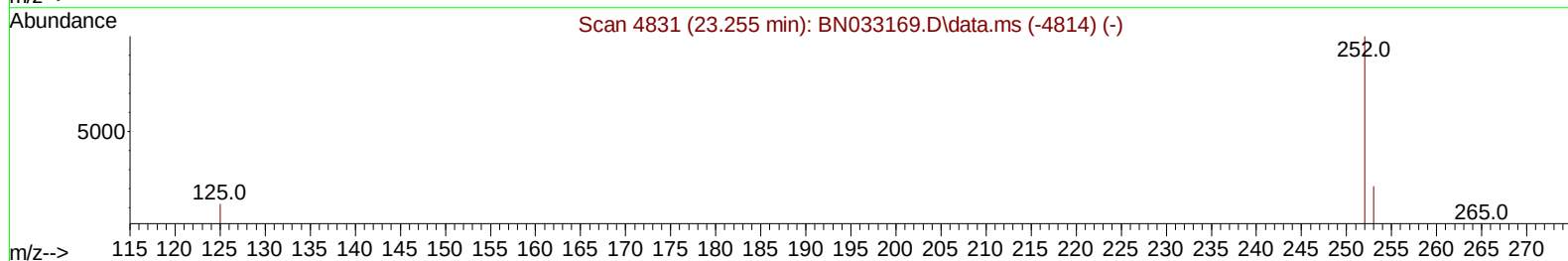
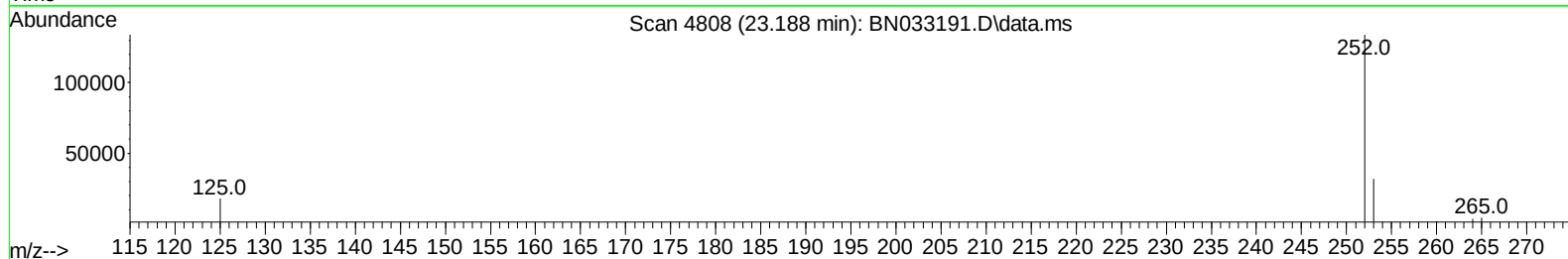
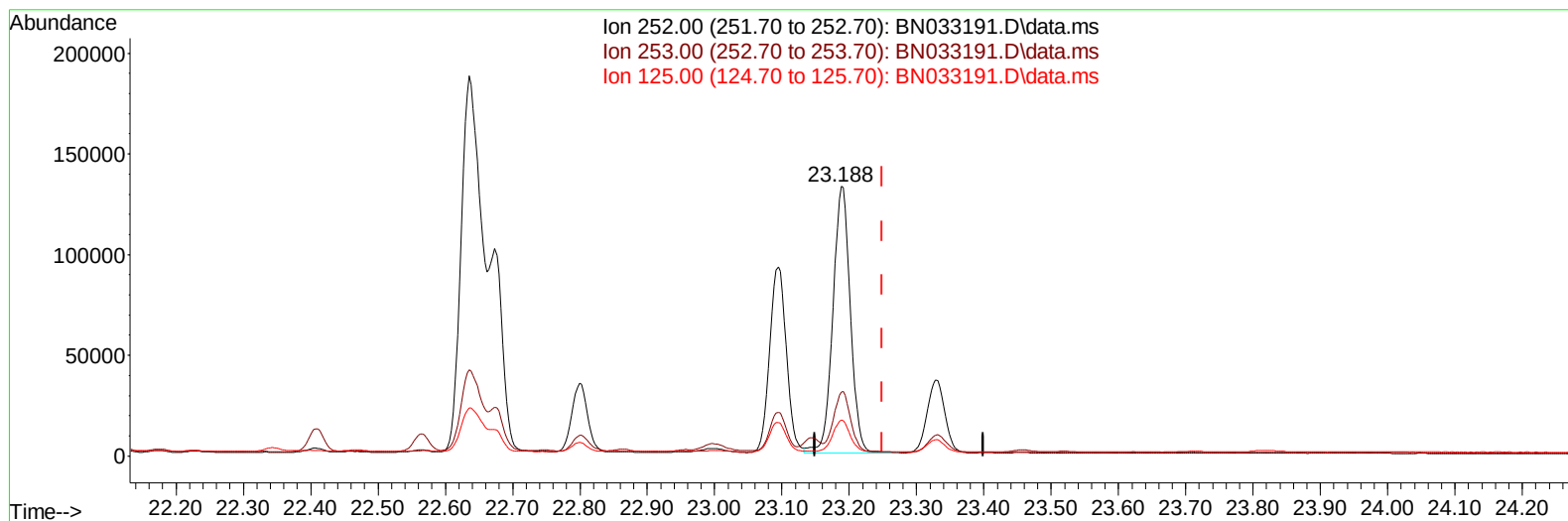
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(26) Benzo(a)pyrene (C)

23.188min (-0.061) 7.34 ng/ul m

response 238916

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.40	23.83#
125.00	33.80	13.24#
0.00	0.00	0.00

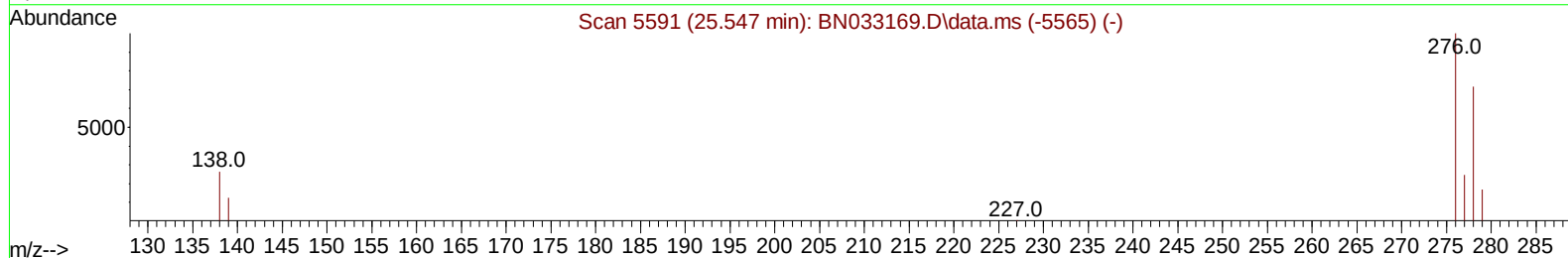
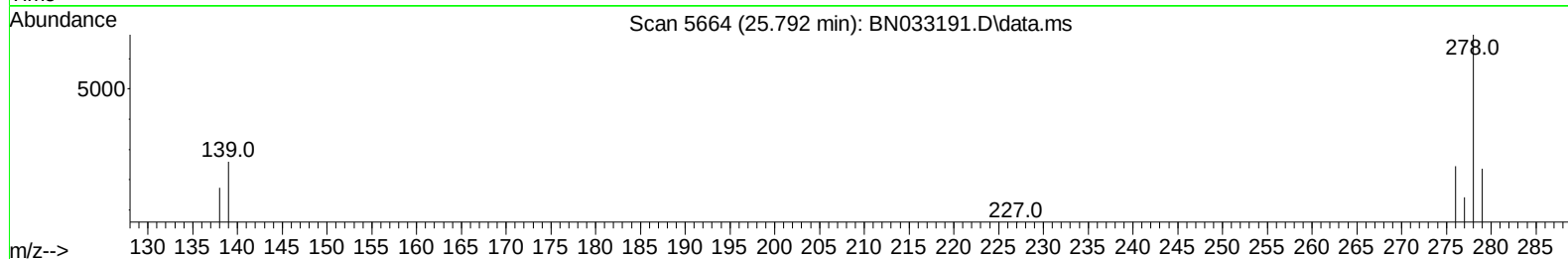
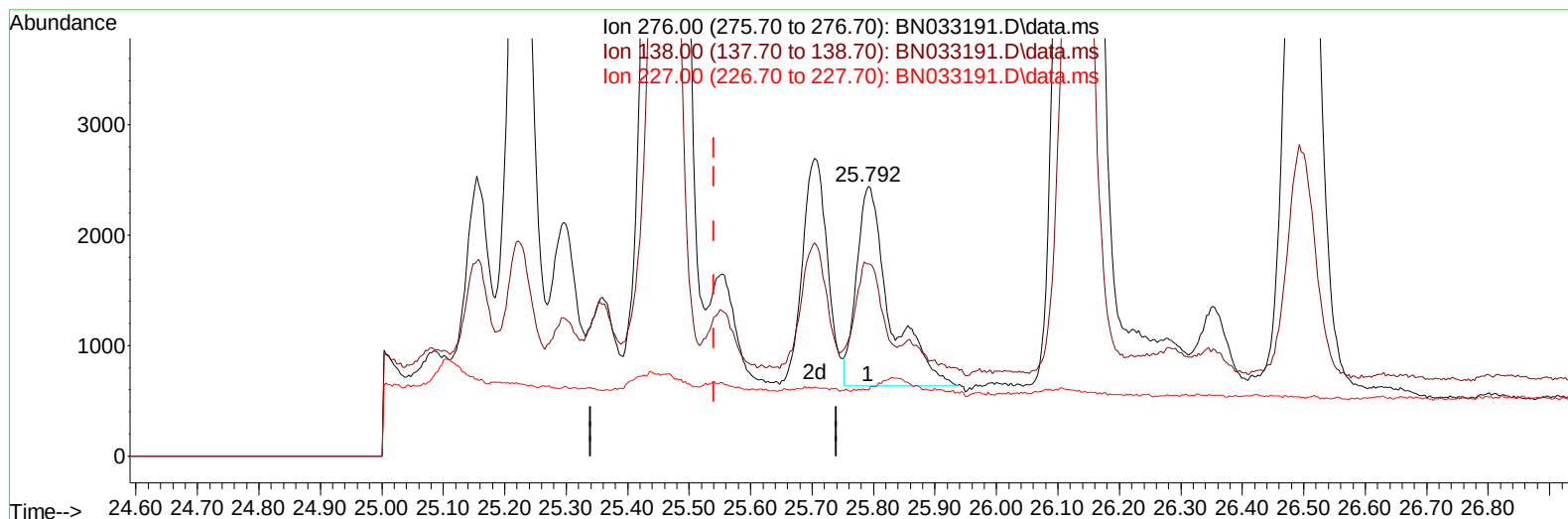
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration



TIC: BN033191.D\data.ms

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

25.792min (+ 0.252) 0.14 ng/u1

response 6866

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	52.75#
227.00	0.20	0.29#
0.00	0.00	0.00

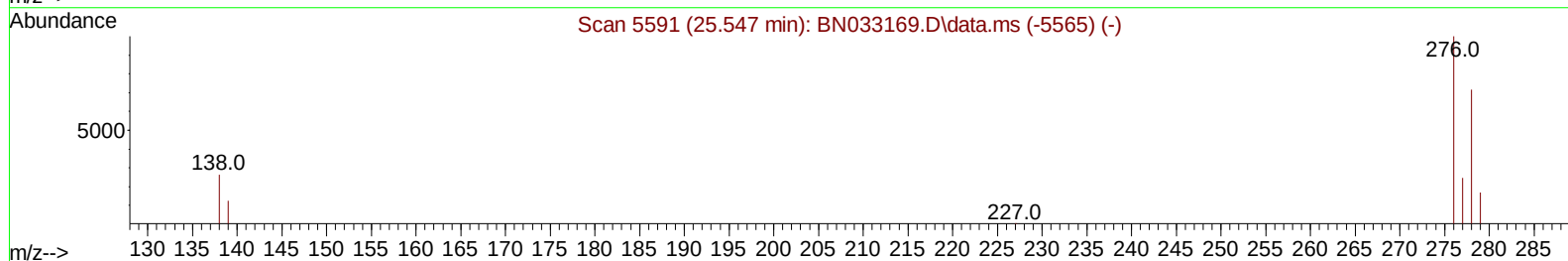
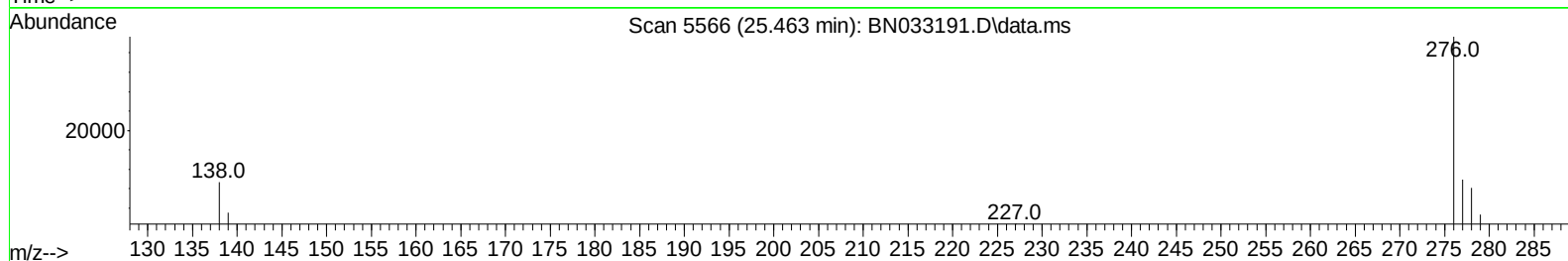
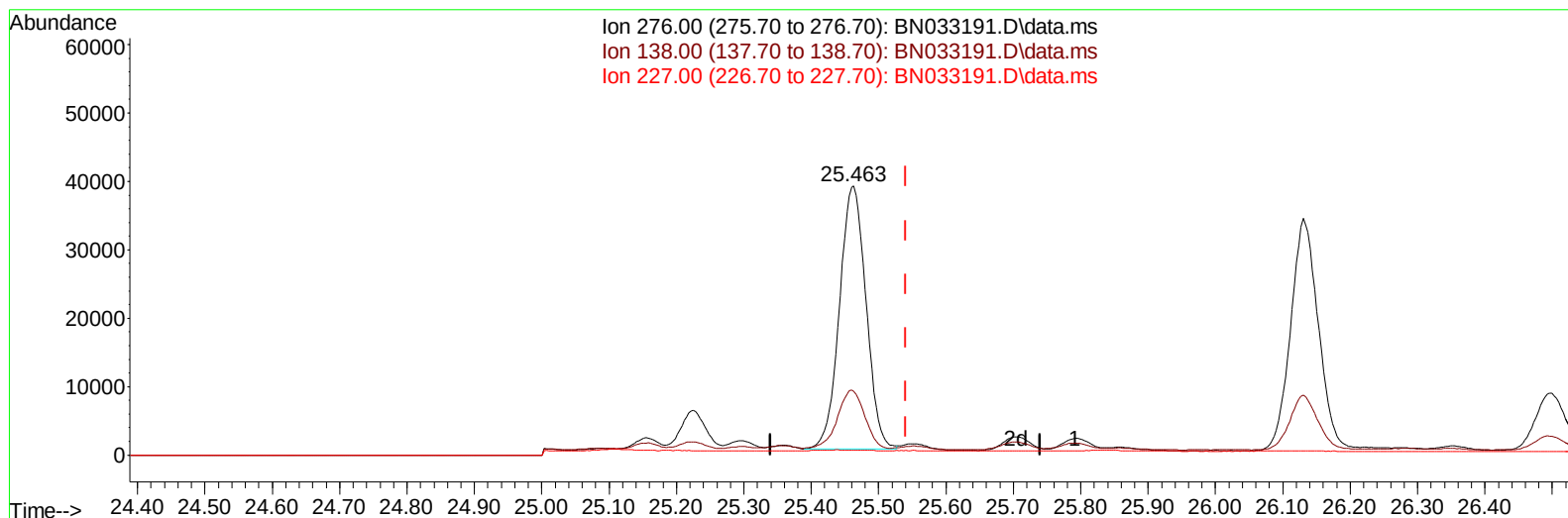
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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 QLast Update : Tue Jul 30 14:49:49 2024
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TIC: BN033191.D\data.ms

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

25.463min (-0.077) 2.13 ng/ul m

response 105382

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.30	3.44#
227.00	0.20	0.02#
0.00	0.00	0.00

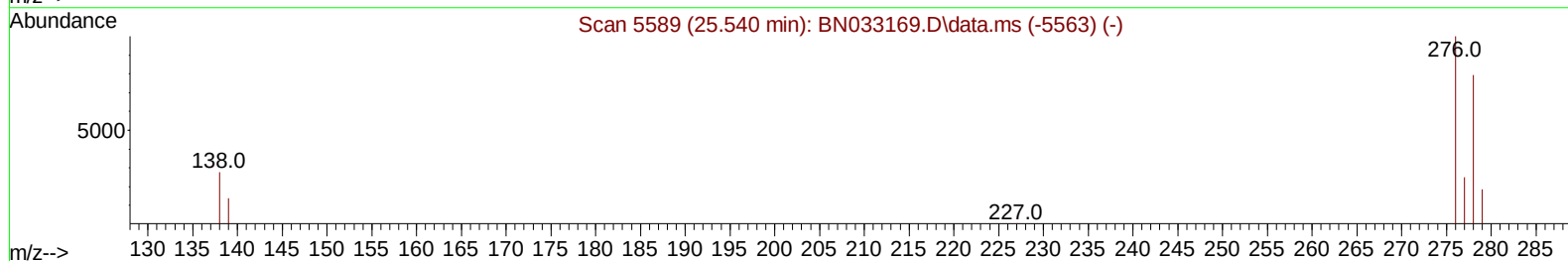
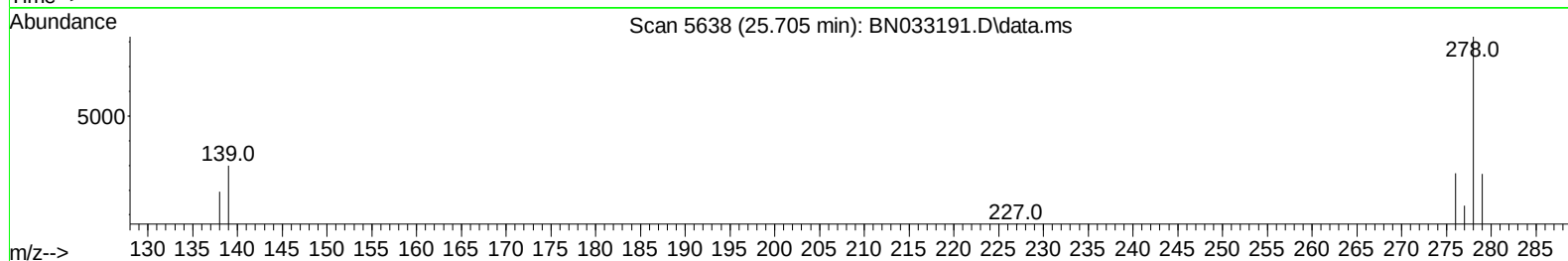
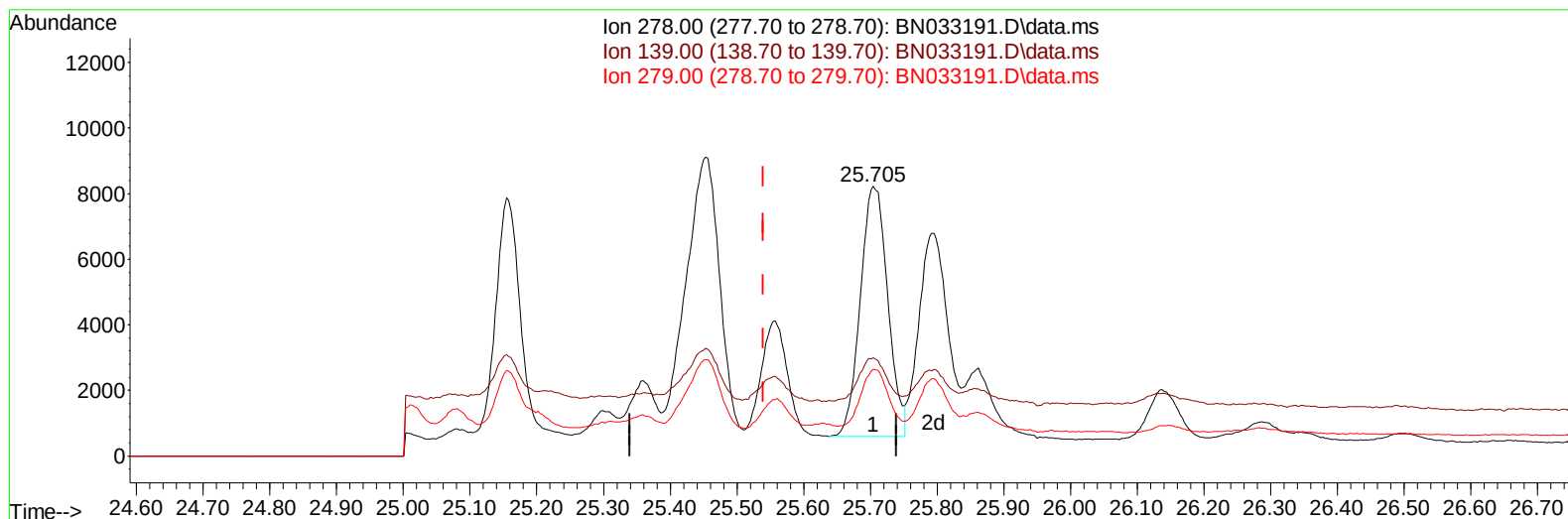
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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Reviewed By :Jagrut Upadhyay 08/02/2024
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TIC: BN033191.D\data.ms

(28) Dibenzo(a,h)anthracene

25.705min (+ 0.164) 0.55 ng/u1

response 21705

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	36.36#
279.00	31.90	32.28
0.00	0.00	0.00

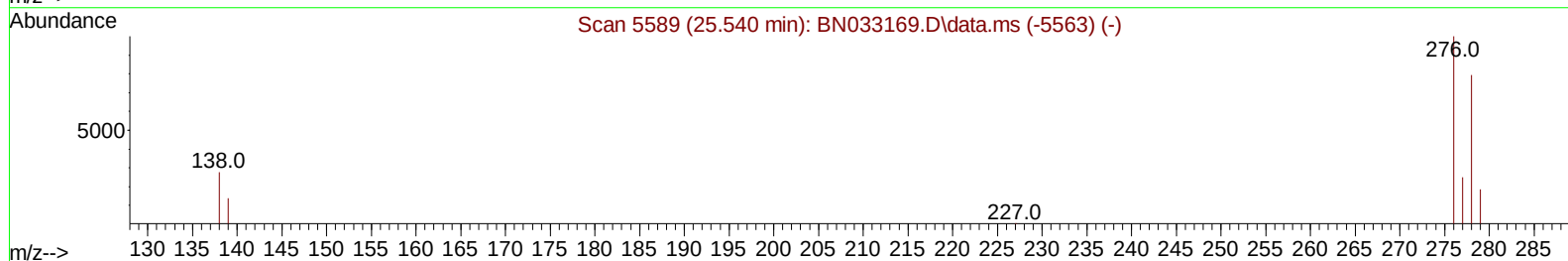
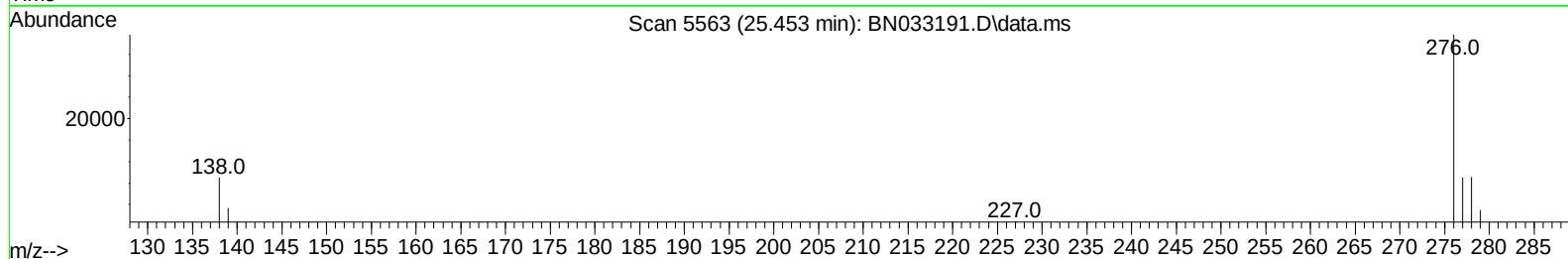
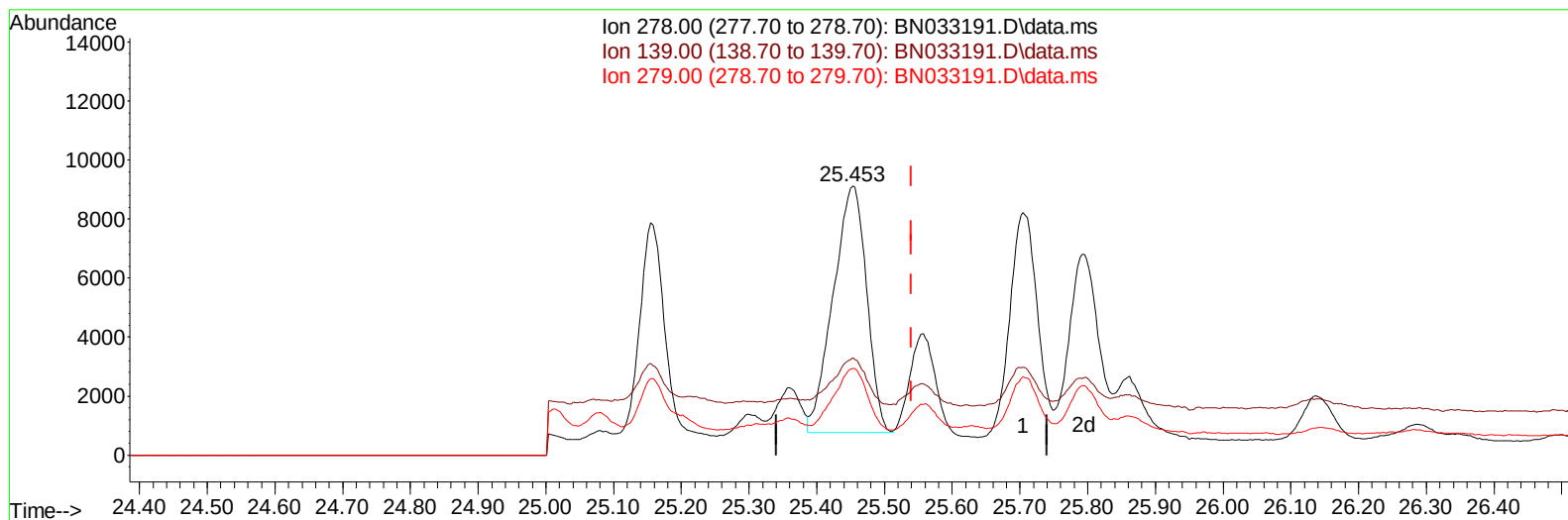
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

(28) Dibenzo(a,h)anthracene

25.453min (-0.087) 0.73 ng/ul m

response 28554

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	28.10	36.10#
279.00	31.90	32.13
0.00	0.00	0.00

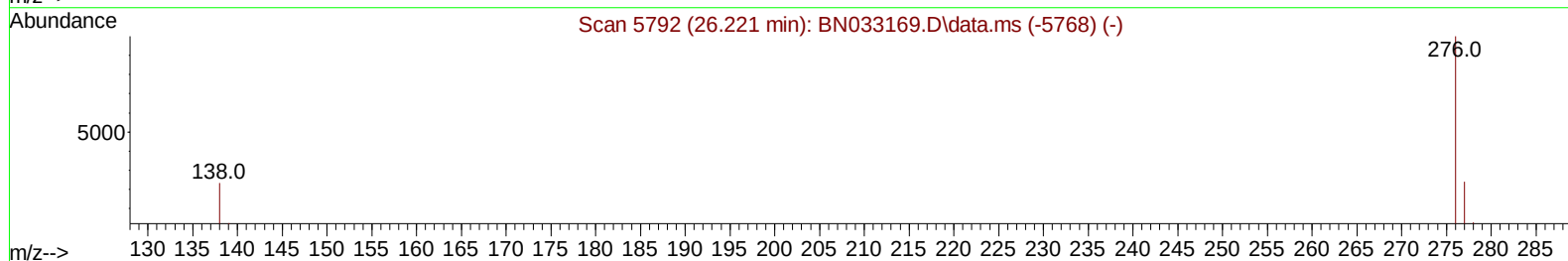
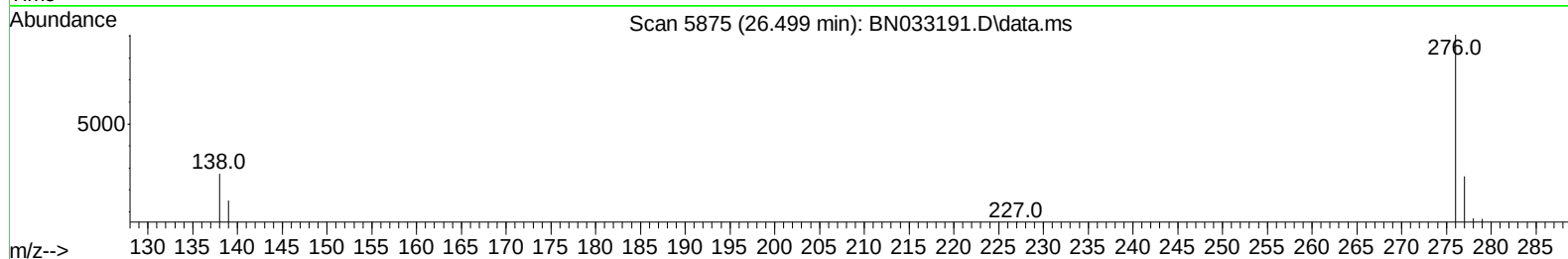
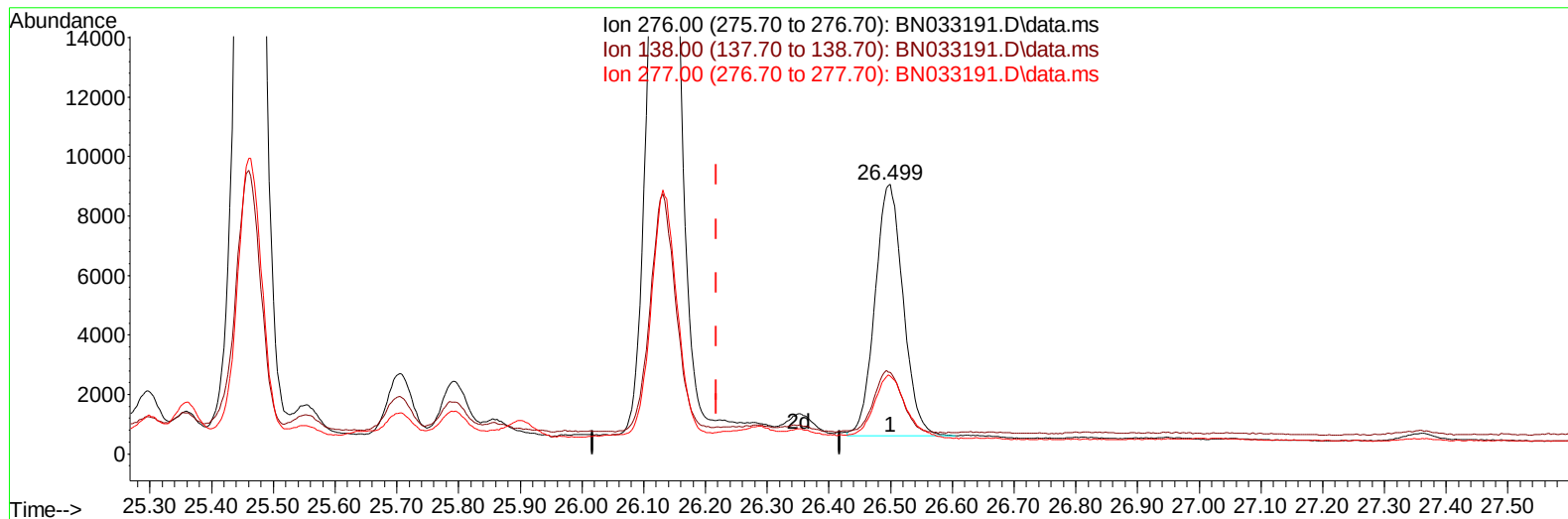
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

Quant Time: Aug 02 07:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BN033191.D\data.ms

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

26.499min (+ 0.282) 0.68 ng/u1

response 26906

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	30.26
277.00	28.30	28.95
0.00	0.00	0.00

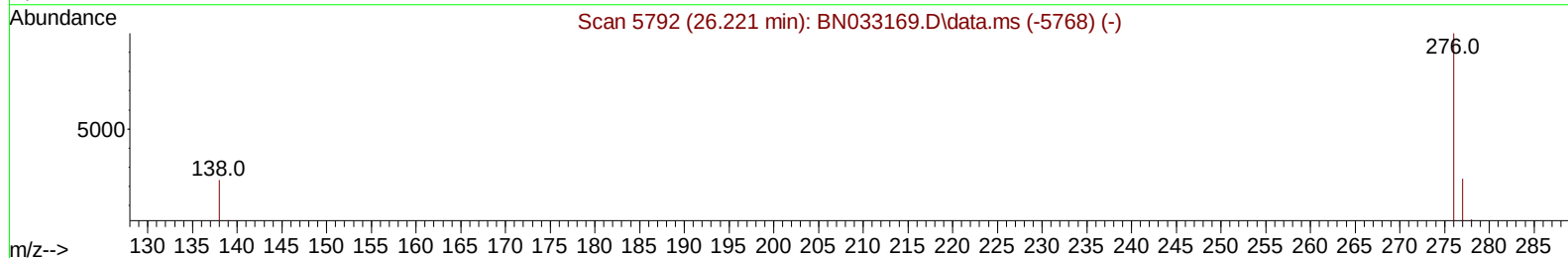
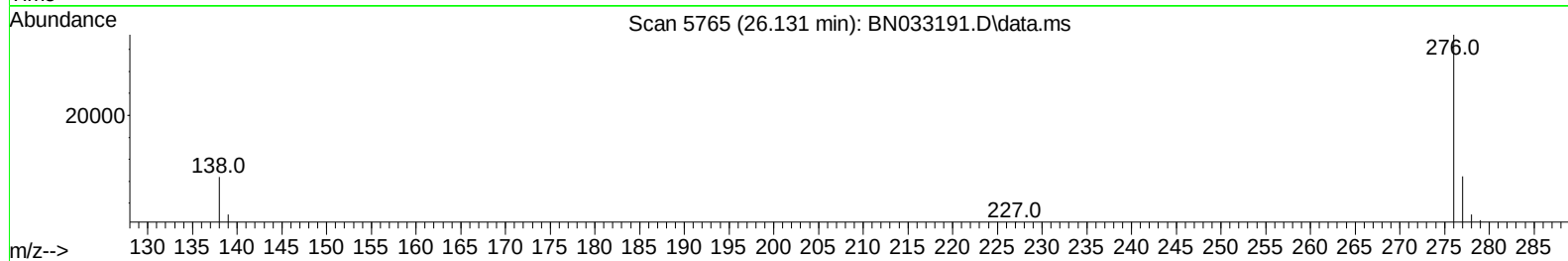
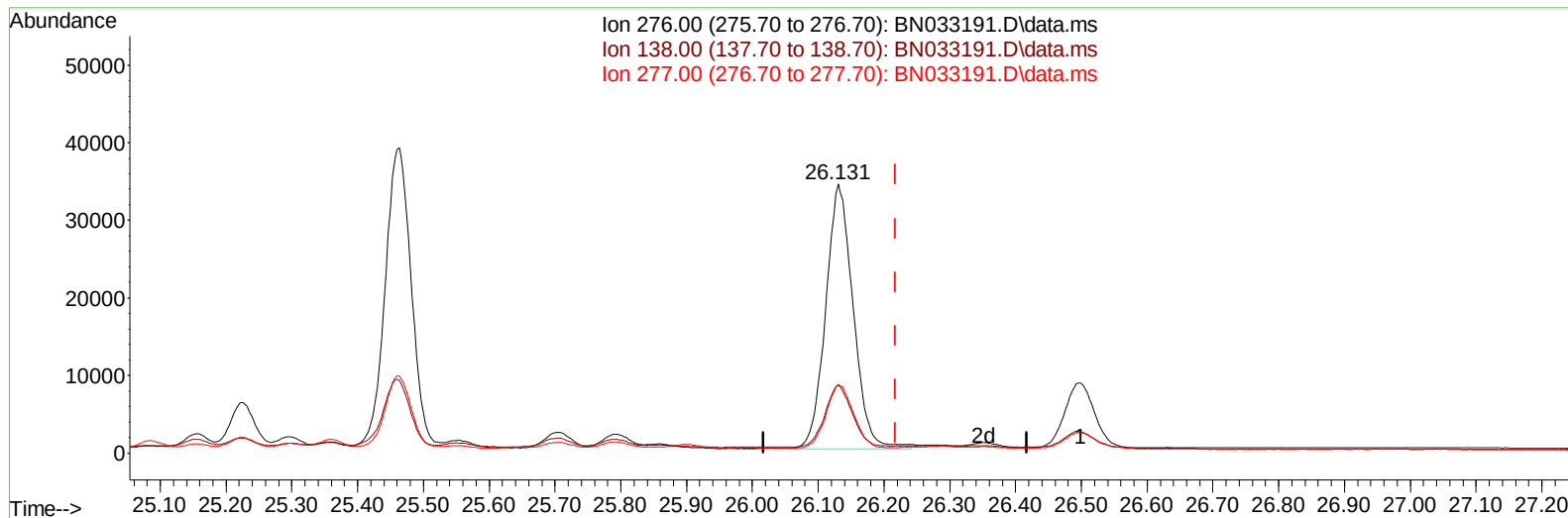
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033191.D
Acq On : 02 Aug 2024 06:21
Operator : MA/JU
Sample : P3378-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AX7

Manual IntegrationsAPPROVED

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TIC: BN033191.D\data.ms

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

26.131min (-0.087) 2.51 ng/ul m

response 98723

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	30.80	25.23
277.00	28.30	25.61
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033191.D
 Acq On : 02 Aug 2024 06:21
 Operator : MA/JU
 Sample : P3378-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.461	152	4046m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.179	136	16238m	0.400	ng/ul	-0.14
9) Acenaphthene-d10	14.106	164	18481m	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.886	188	14902m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.110	240	12342m	0.400	ng/ul	-0.04
23) Perylene-d12	23.282	264	11834m	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	19925	3.893	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.824	152	5186m	0.196	ng/ul	-0.10
18) Fluoranthene-d10	18.930	212	22299m	0.638	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.350	128	35106260m	841.886	ng/ul	
7) 2-Methylnaphthalene	11.906	142	4837628m	171.256	ng/ul	
8) 1-Methylnaphthalene	12.137	142	6586109m	215.600	ng/ul	
10) Acenaphthylene	13.833	152	159759m	2.112	ng/ul	
11) Acenaphthene	14.199	153	7565641m	132.983	ng/ul	
12) Fluorene	15.189	166	4983786m	75.160	ng/ul	
14) Pentachlorophenol	16.557	266	156754m	51.665	ng/ul	
15) Phenanthrene	16.941	178	8670675m	216.924	ng/ul	
16) Anthracene	17.021	178	1073727m	29.878	ng/ul	
19) Fluoranthene	18.967	202	3538998m	87.087	ng/ul	
20) Pyrene	19.330	202	2444476m	56.093	ng/ul	
21) Benzo(a)anthracene	21.093	228	547129m	12.996	ng/ul	
22) Chrysene	21.145	228	432457m	8.802	ng/ul	
24) Benzo(b)fluoranthene	22.635	252	392702m	11.360	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	140418m	3.389	ng/ul	
26) Benzo(a)pyrene	23.188	252	238916m	7.343	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.463	276	105382m	2.130	ng/ul	
28) Dibenzo(a,h)anthracene	25.453	278	28554m	0.728	ng/ul	
29) Benzo(g,h,i)perylene	26.131	276	98723m	2.511	ng/ul	

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

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