

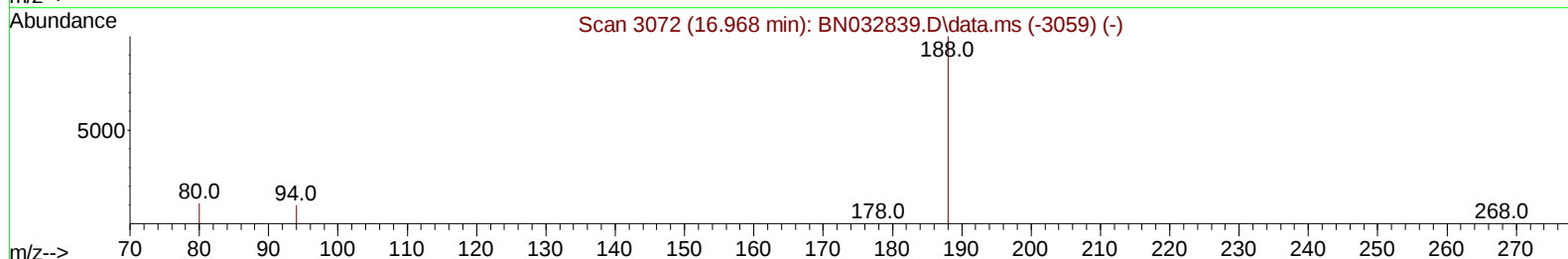
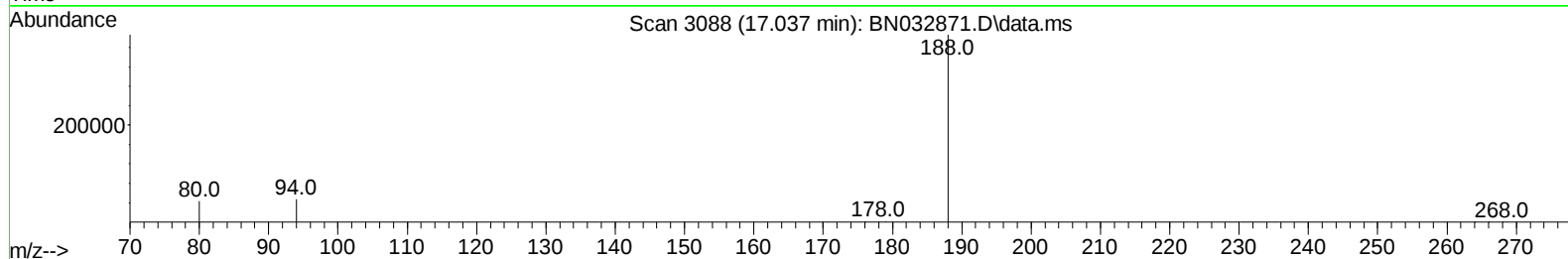
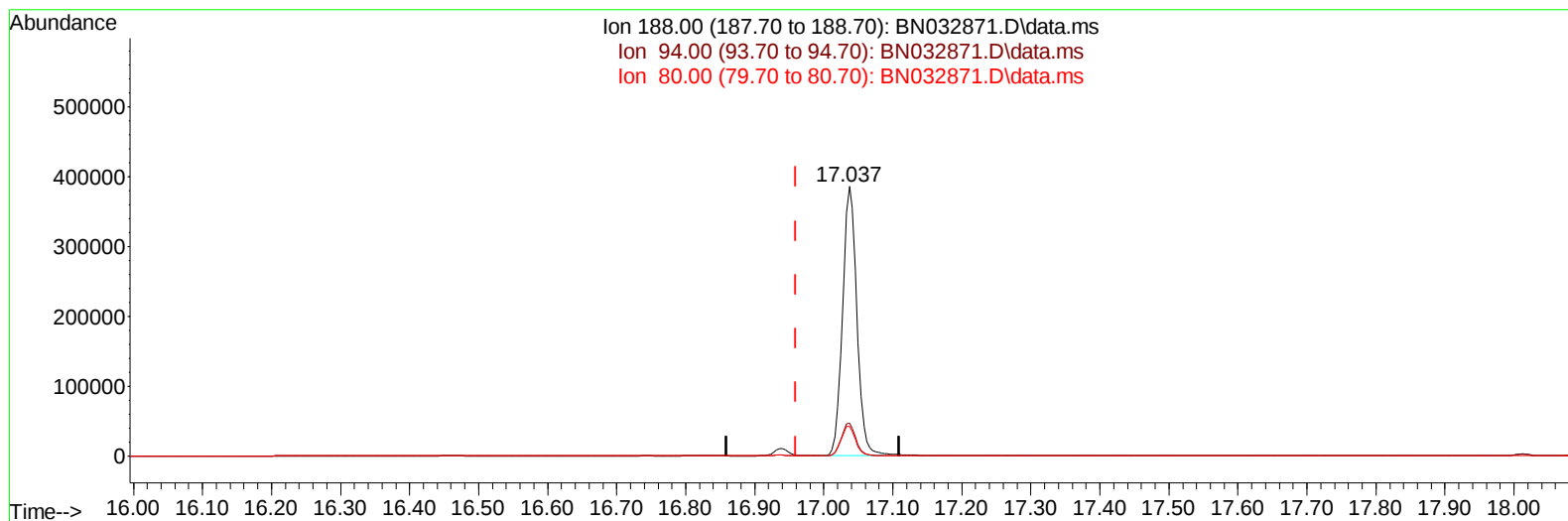
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.078) 0.40 ng/u1

response 558629

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.25
80.00	12.00	11.08
0.00	0.00	0.00

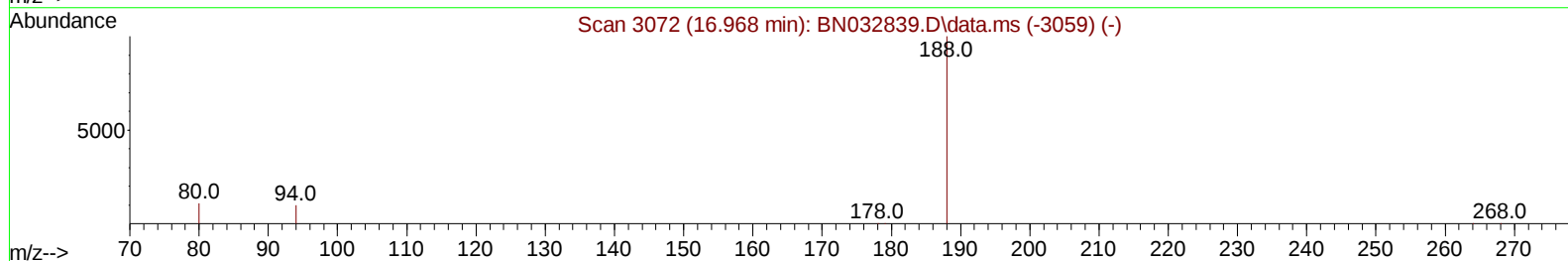
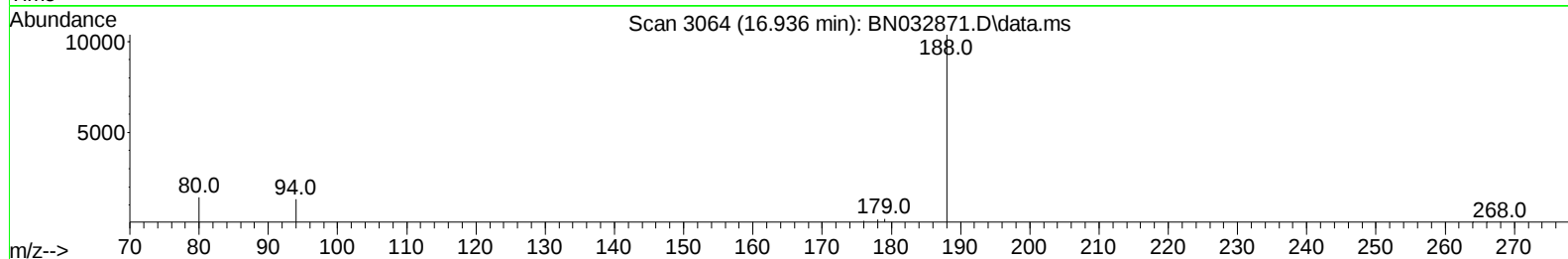
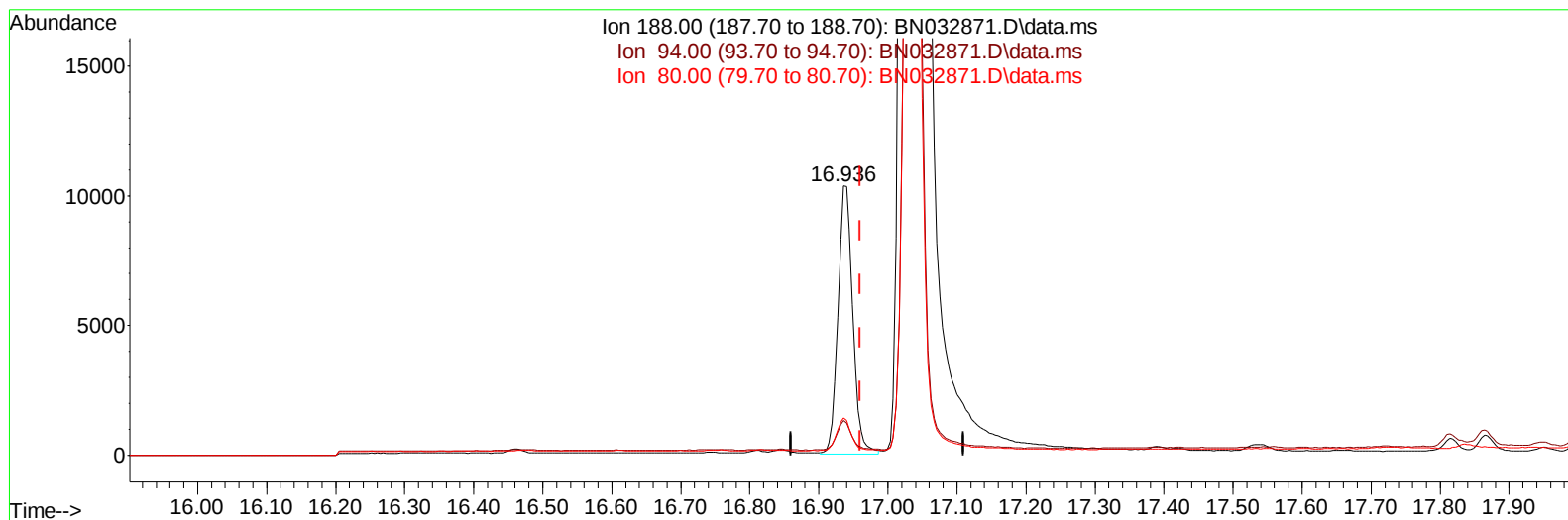
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(13) Phenanthrene-d10 (I)

16.936min (-0.024) 0.40 ng/u1 m

response 15338

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.77
80.00	12.00	13.79
0.00	0.00	0.00

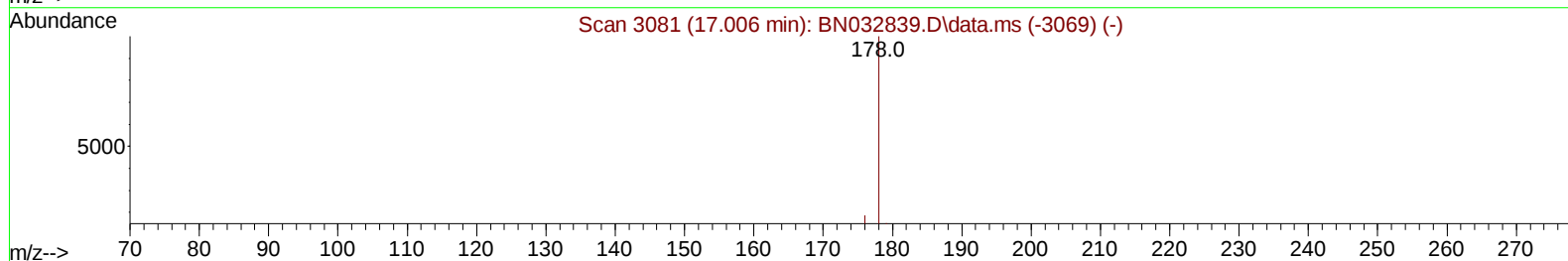
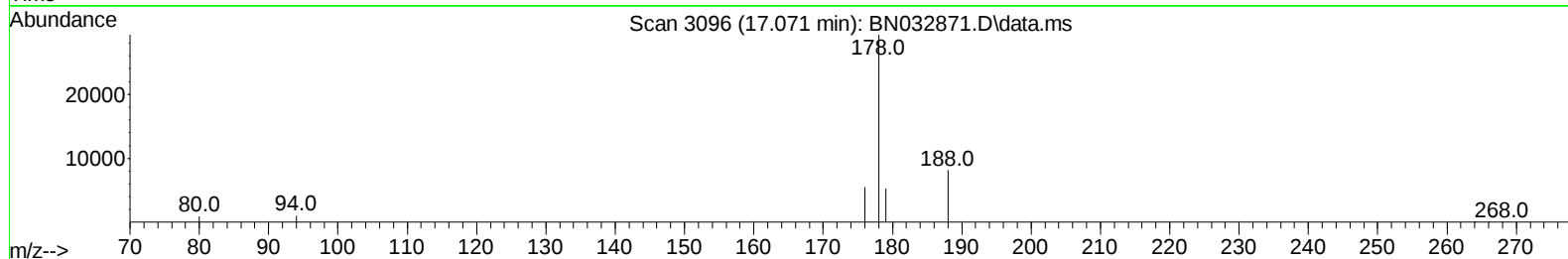
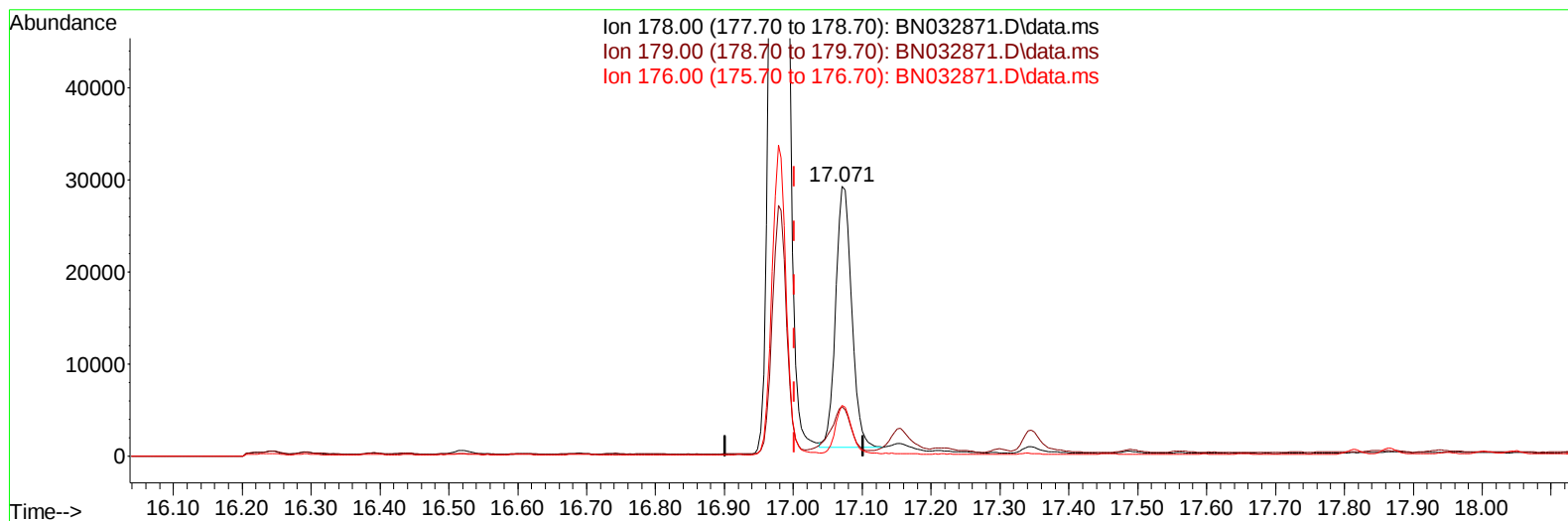
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(15) Phenanthrene

17.071min (+ 0.069) 1.10 ng/u1

response 45777

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	18.18
176.00	19.50	18.69
0.00	0.00	0.00

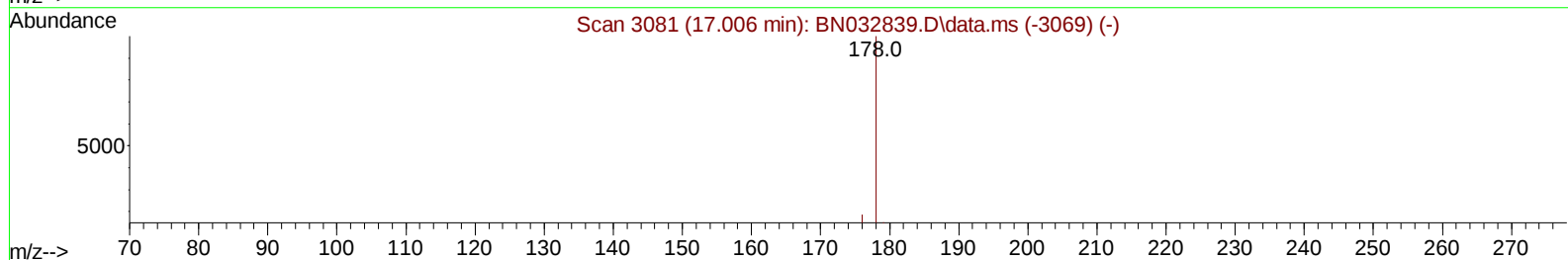
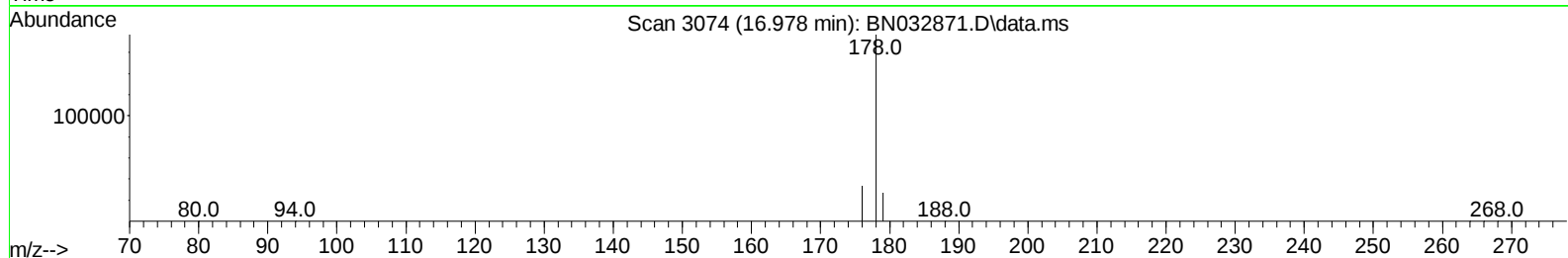
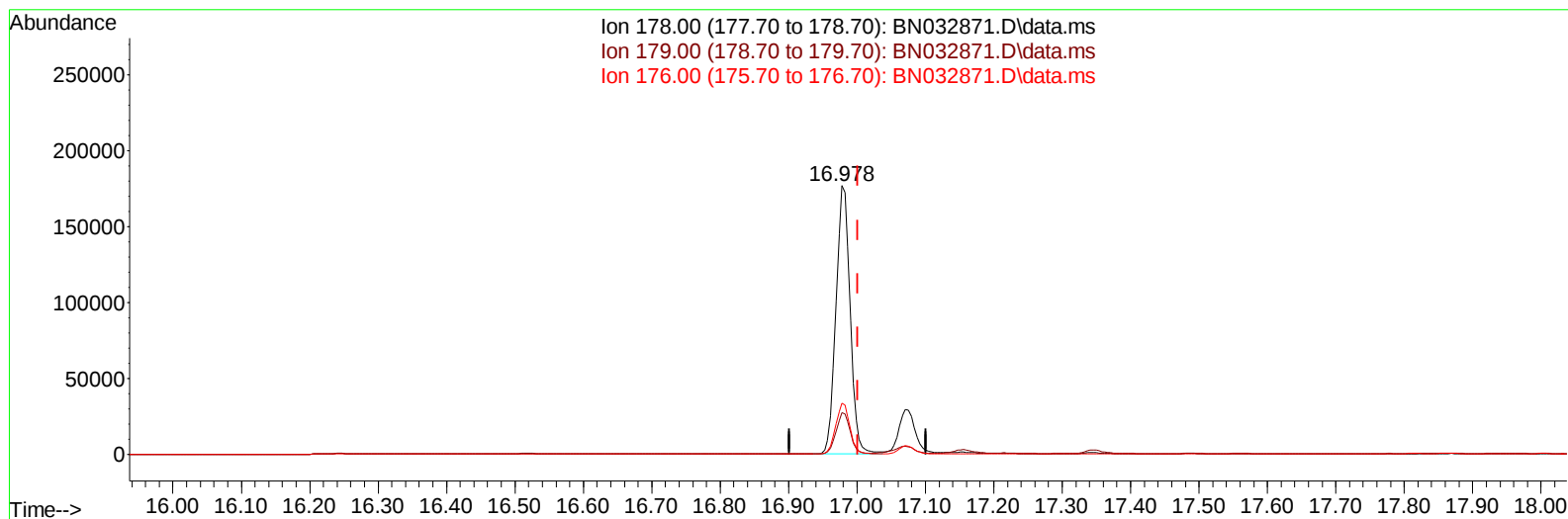
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 6.12 ng/u1 m

response 255721

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.39
176.00	19.50	19.09
0.00	0.00	0.00

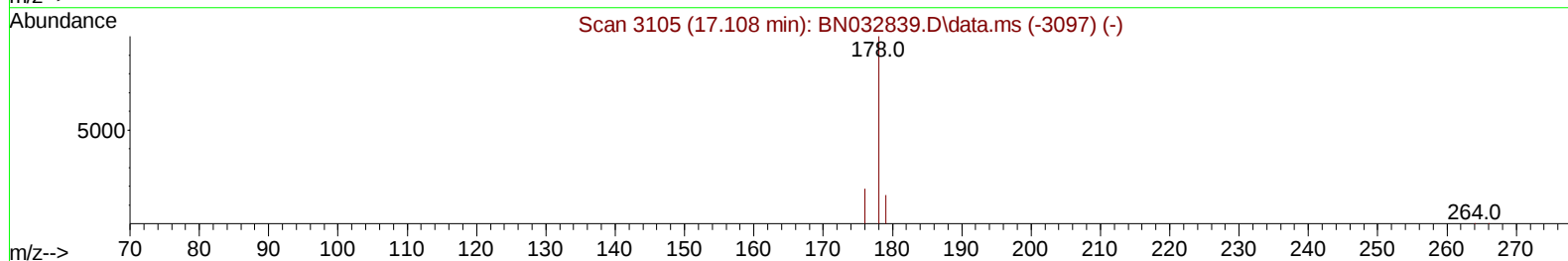
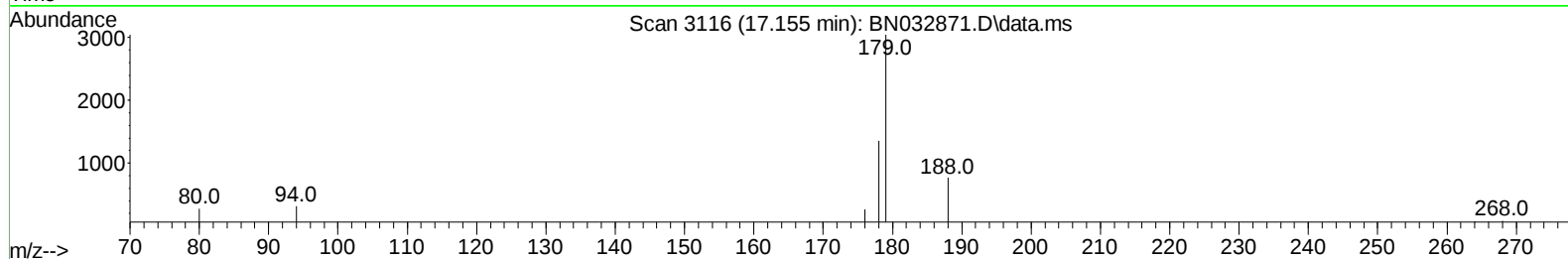
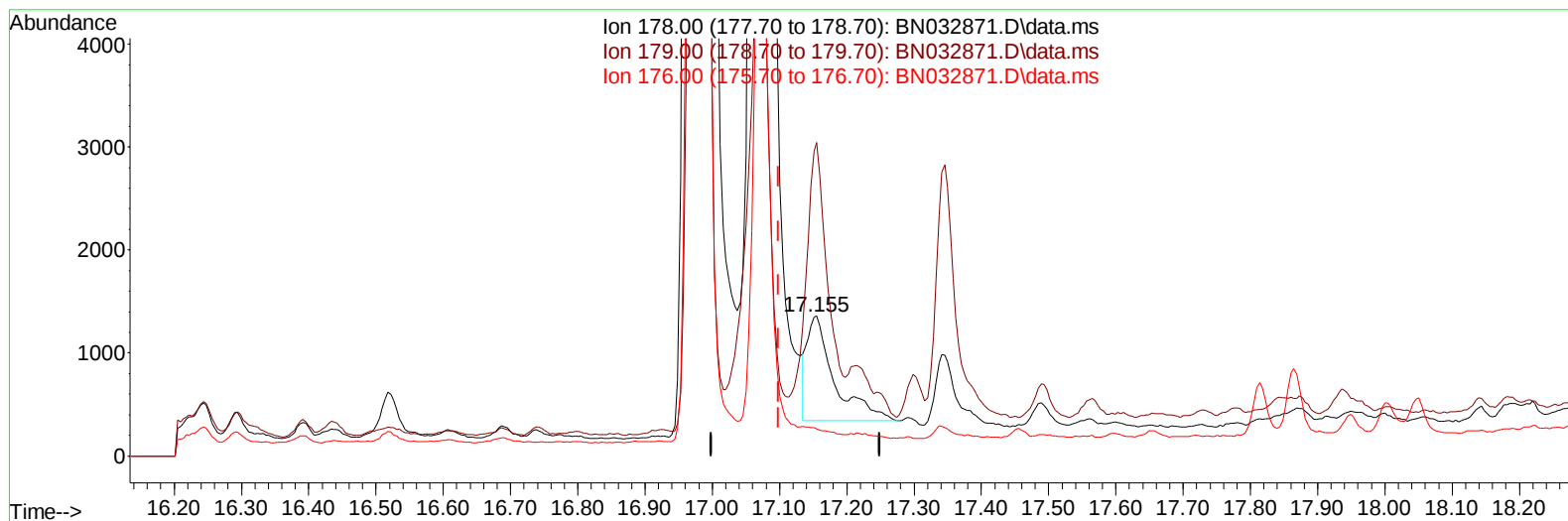
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(16) Anthracene

17.155min (+ 0.056) 0.08 ng/u1

response 2861

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	224.01#
176.00	19.20	19.44
0.00	0.00	0.00

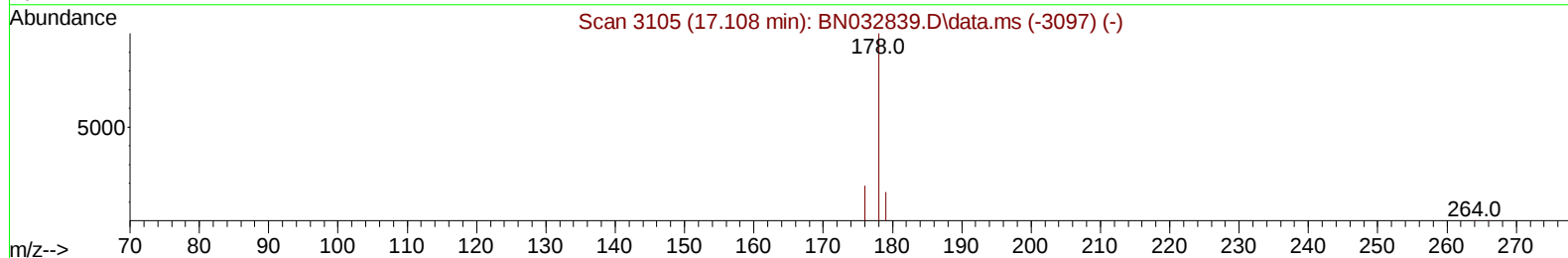
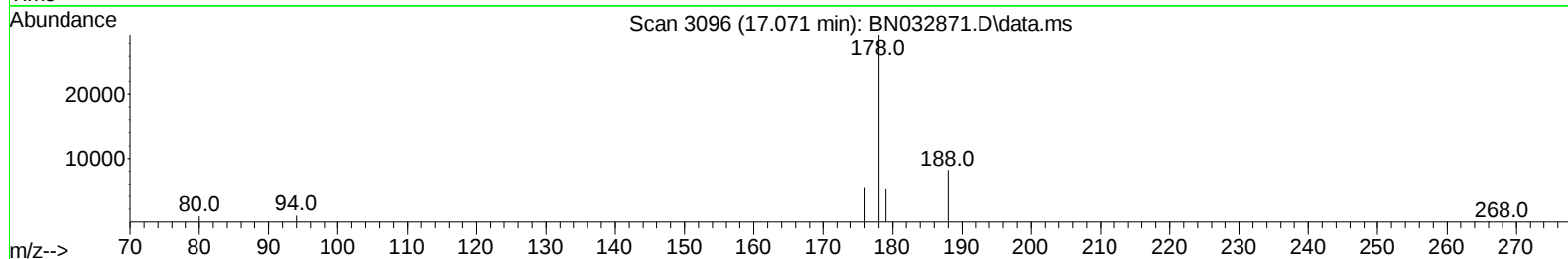
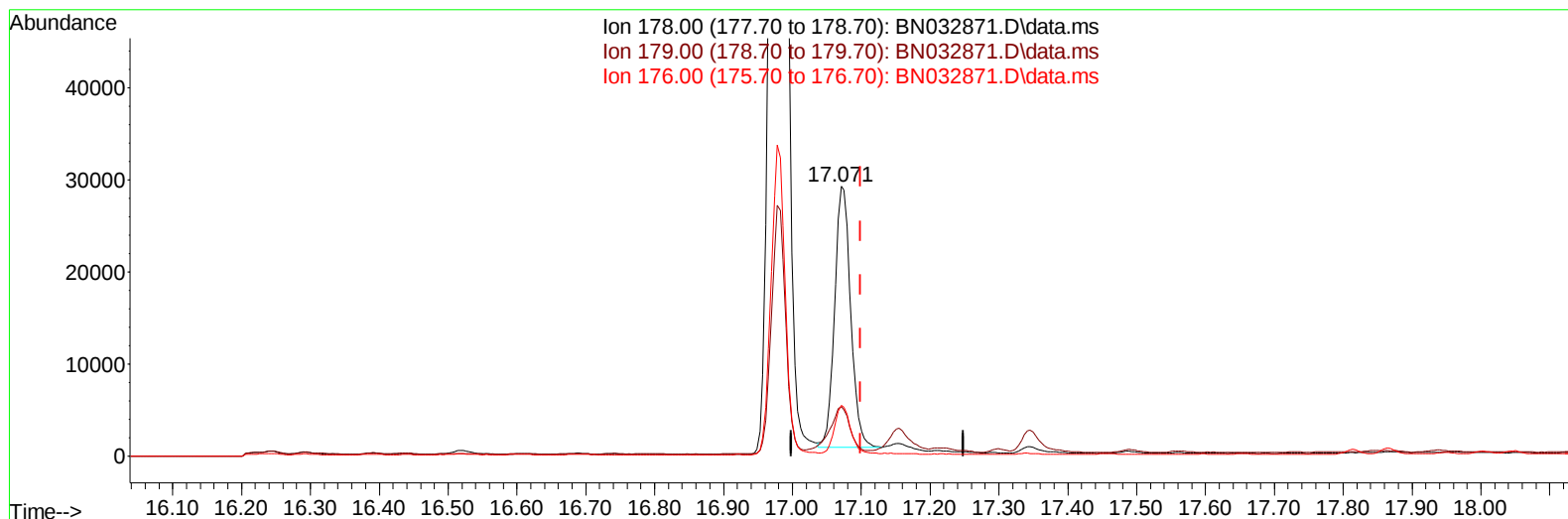
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(16) Anthracene

17.071min (-0.028) 1.35 ng/ul m

response 46100

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	18.18
176.00	19.20	18.69
0.00	0.00	0.00

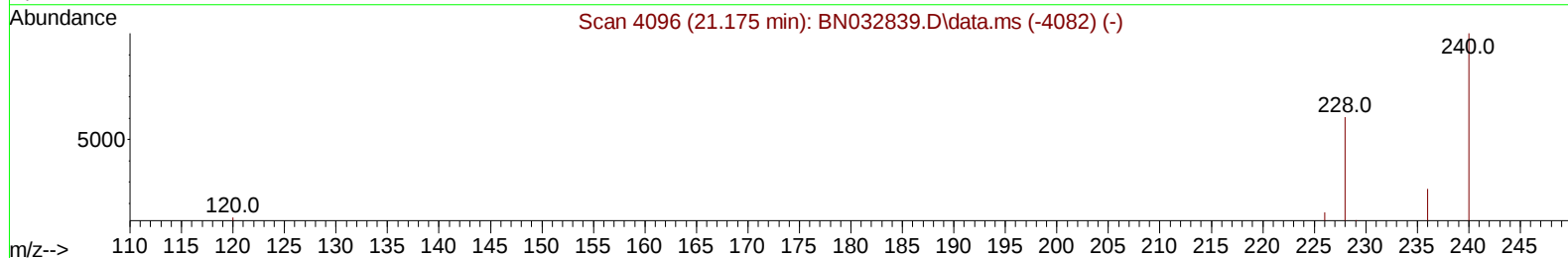
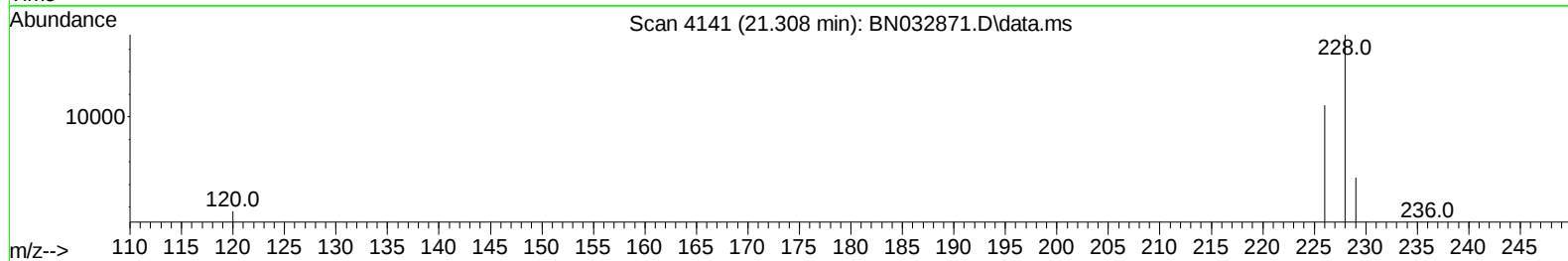
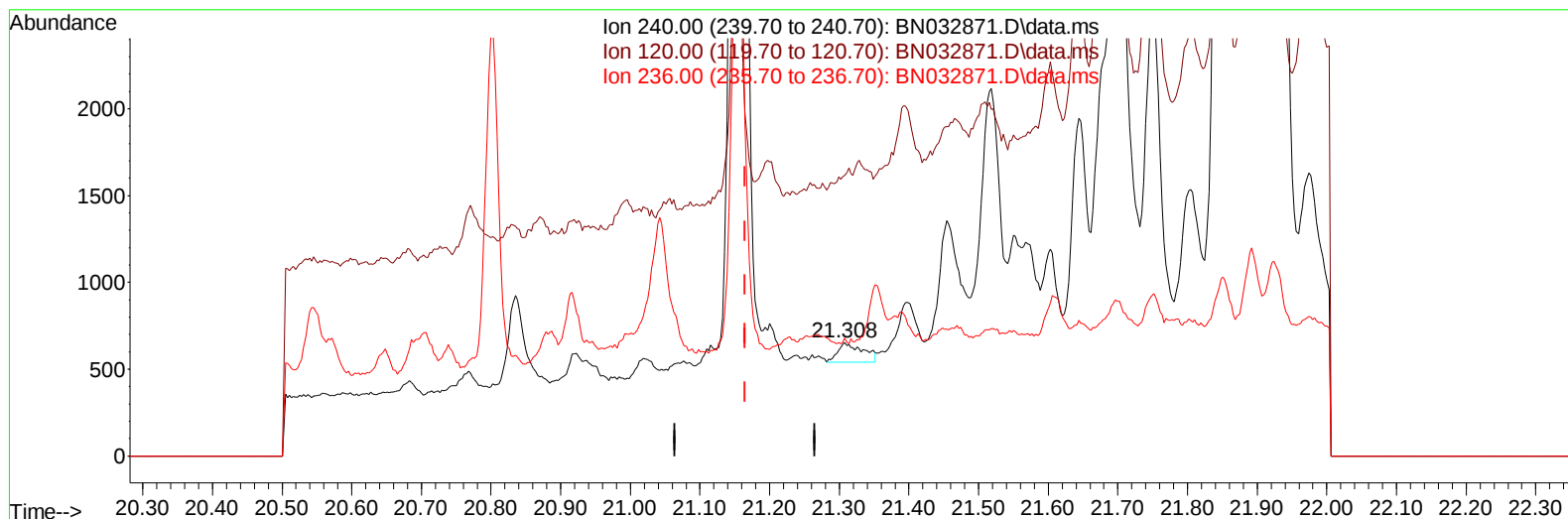
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(17) Chrysene-d12

21.308min (+ 0.143) 0.40 ng/u1

response 282

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	247.09#
236.00	28.40	103.67#
0.00	0.00	0.00

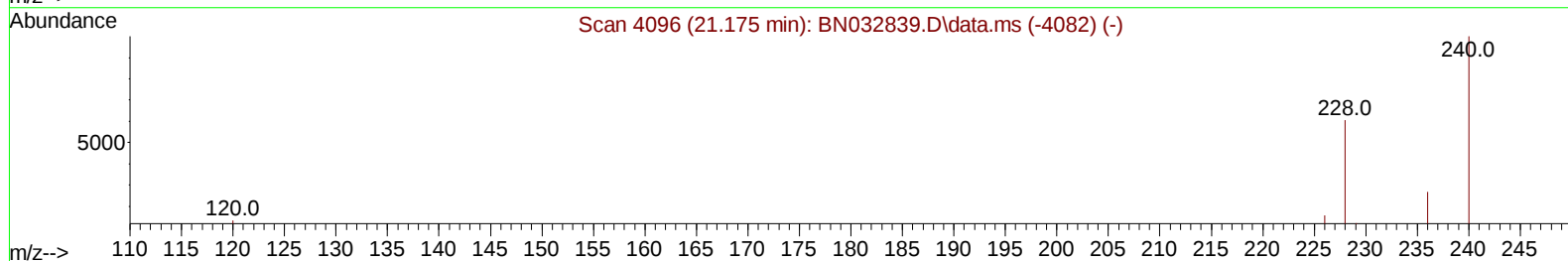
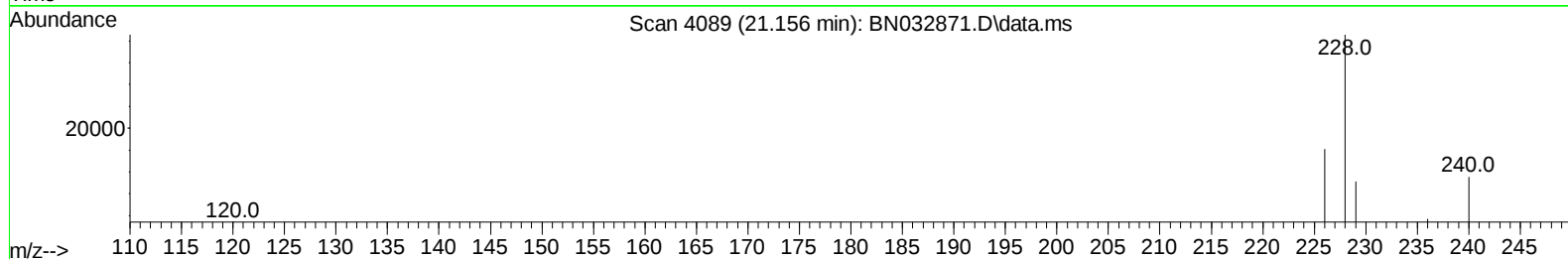
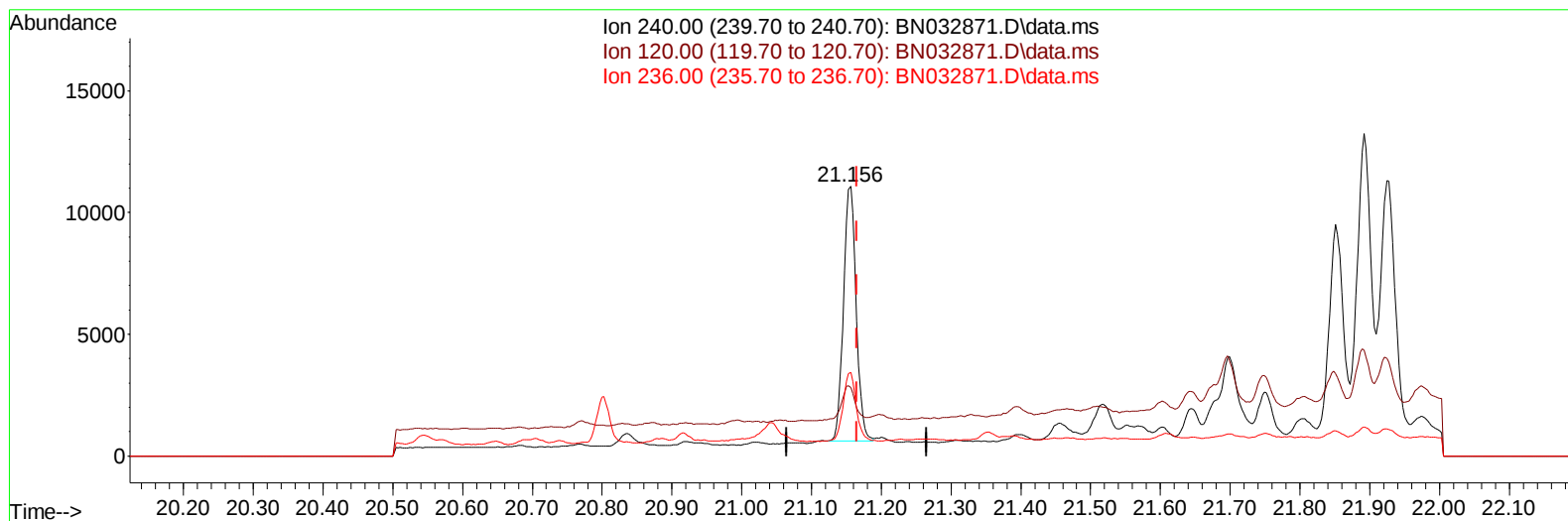
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(17) Chrysene-d12

21.156min (-0.009) 0.40 ng/u1 m

response 13186

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	25.32#
236.00	28.40	30.98
0.00	0.00	0.00

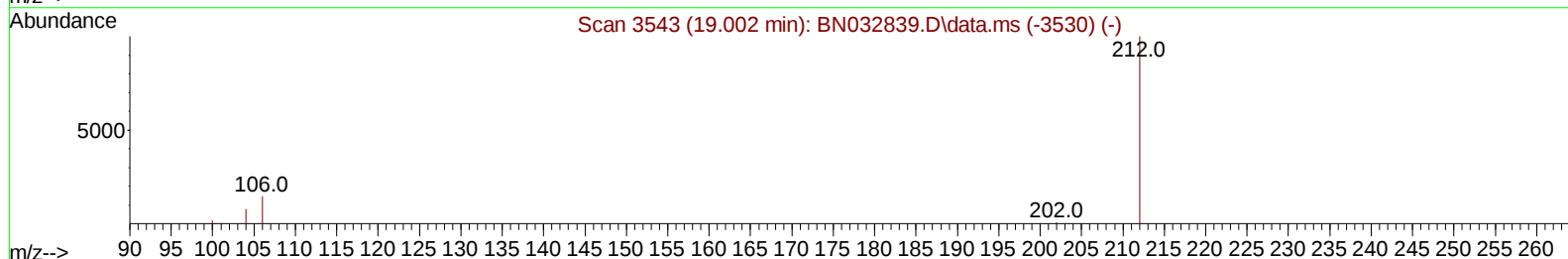
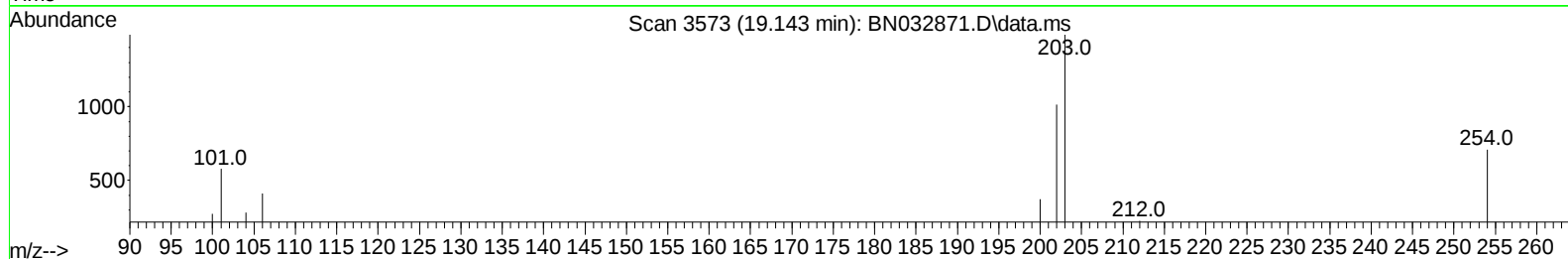
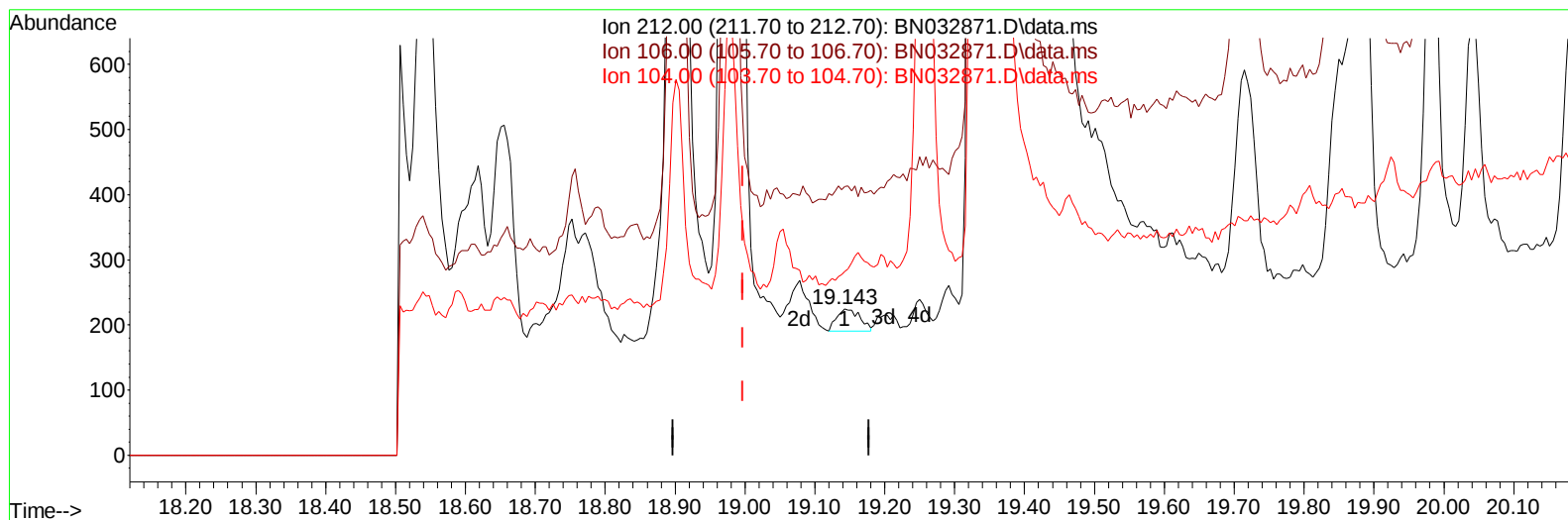
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.143min (+ 0.146) 0.00 ng/u1

response 77

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	63.64#
104.00	9.00	0.00#
0.00	0.00	0.00

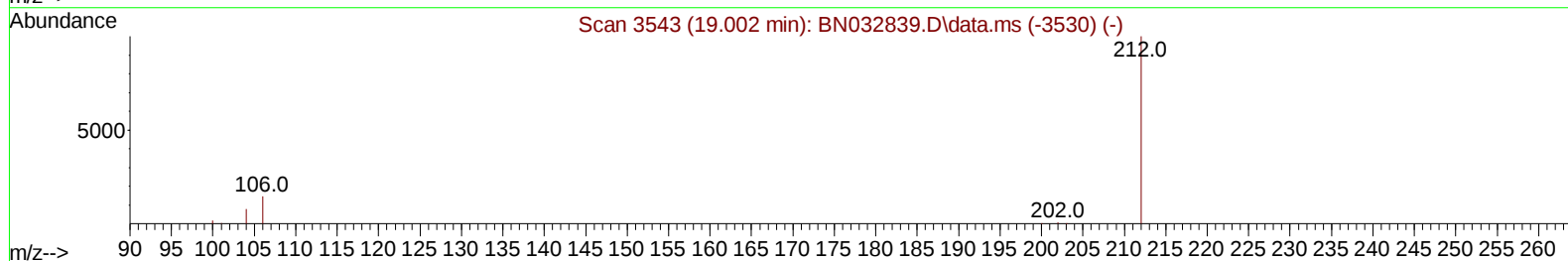
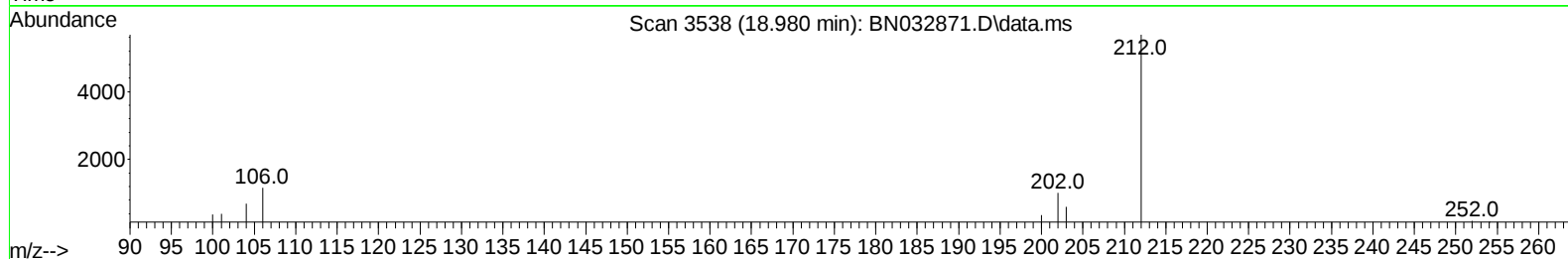
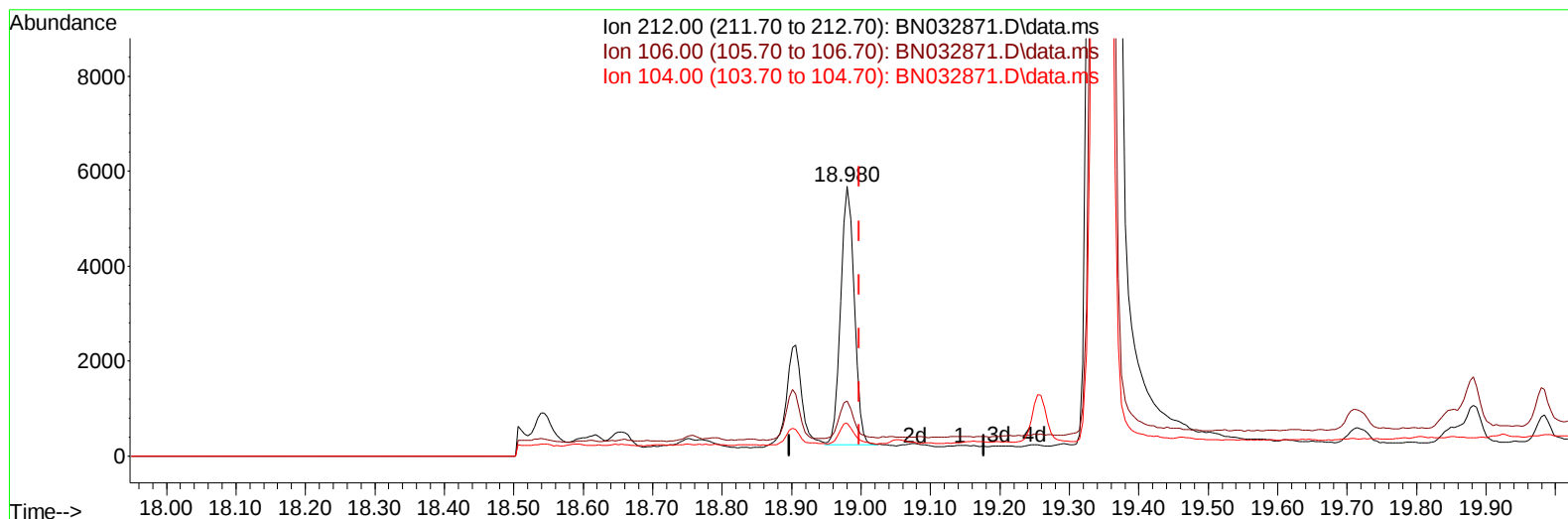
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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TIC: BN032871.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.017) 0.17 ng/ul m

response 7288

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.67#
104.00	9.00	0.00#
0.00	0.00	0.00

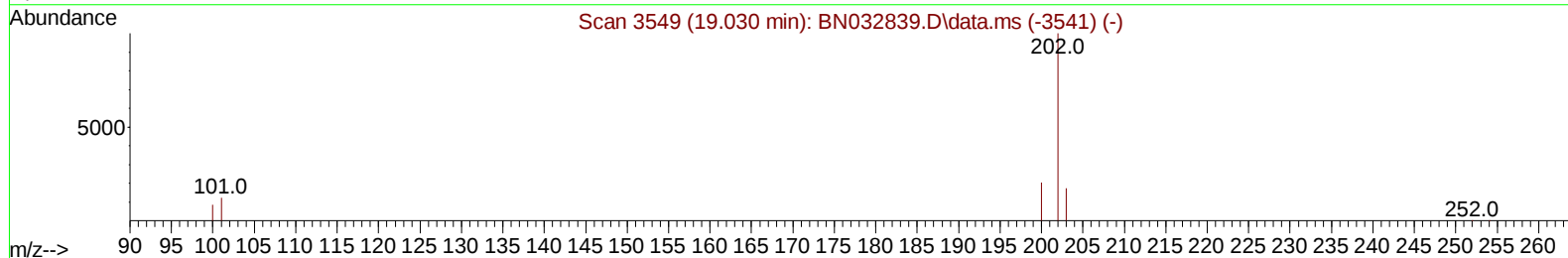
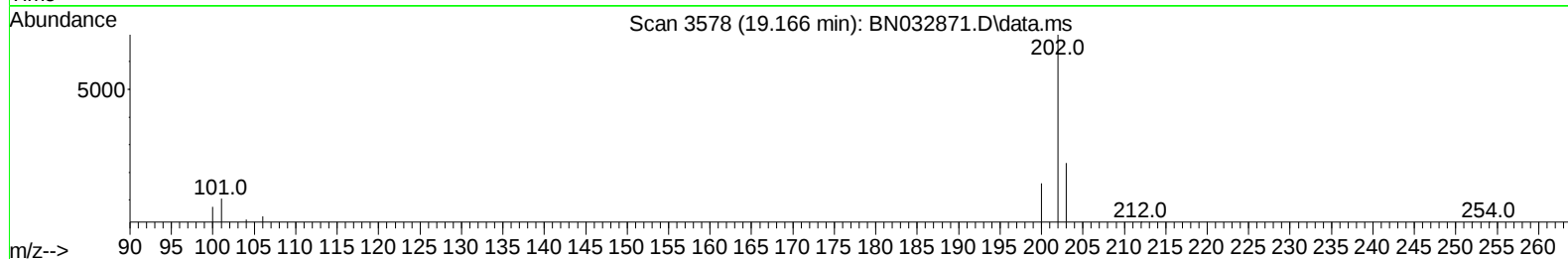
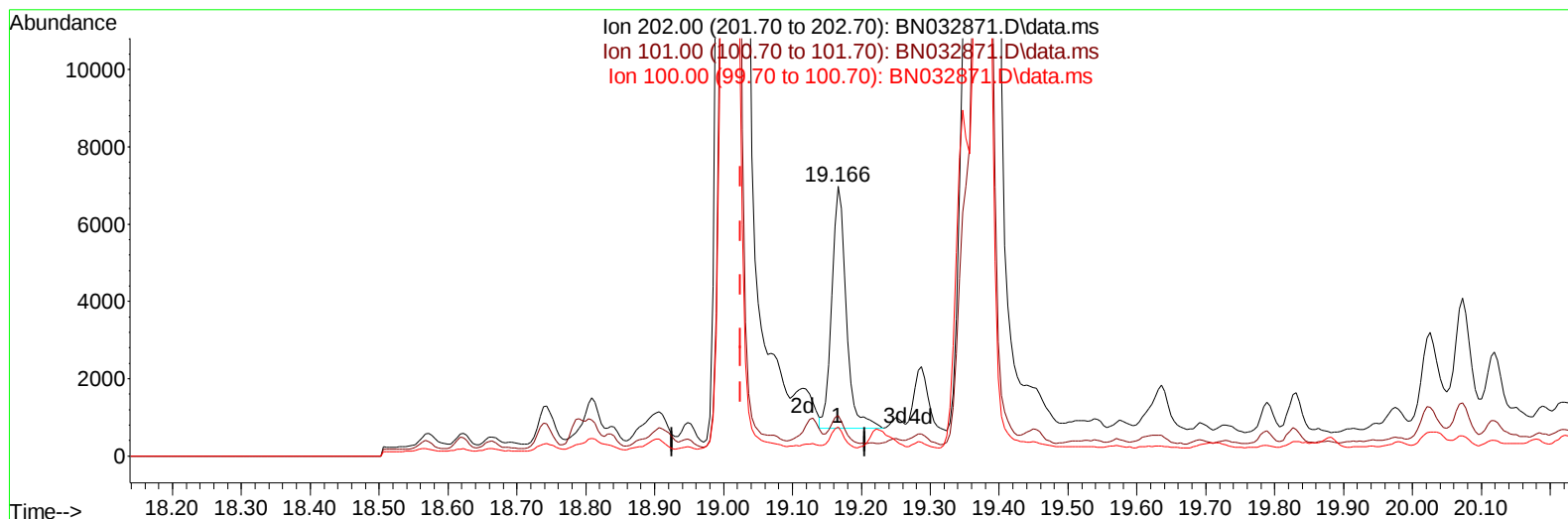
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.17 ng/u1

response 9155

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.90#
100.00	9.90	10.74
0.00	0.00	0.00

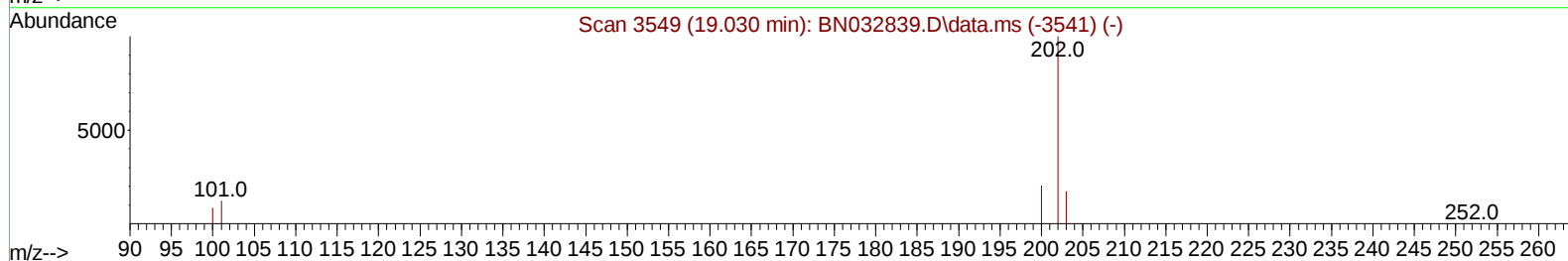
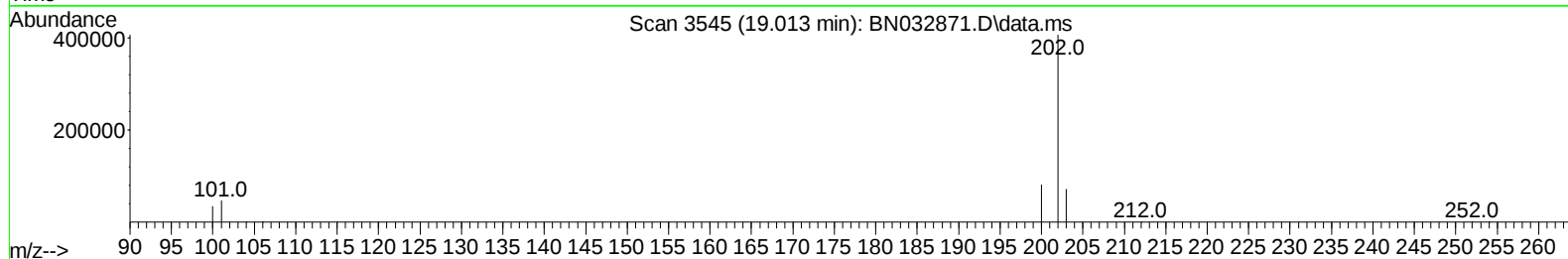
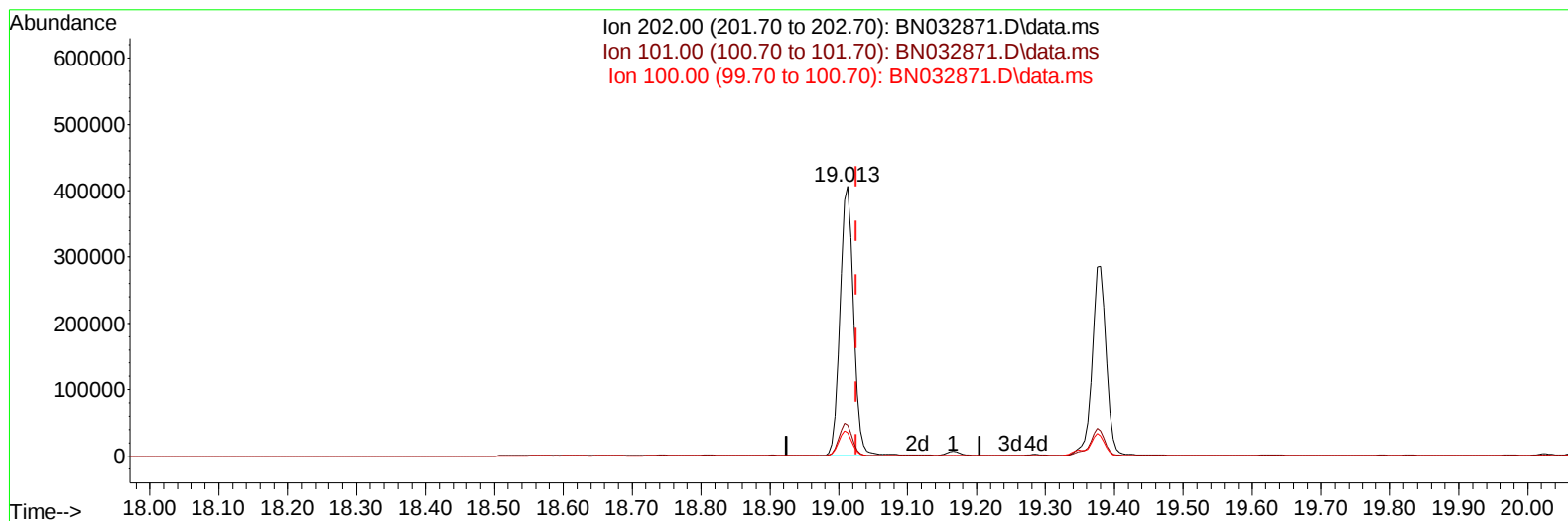
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

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TIC: BN032871.D\data.ms

(19) Fluoranthene (C)

19.013min (-0.012) 10.39 ng/ul m

response 556851

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.51
100.00	9.90	8.60
0.00	0.00	0.00

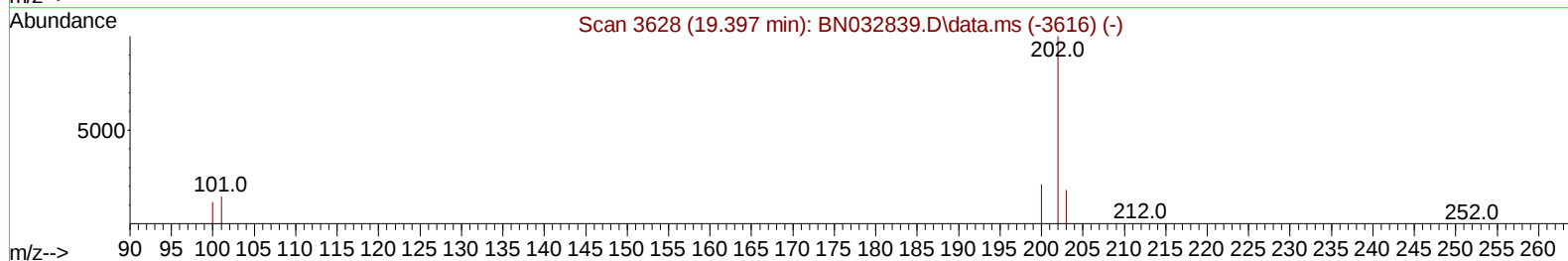
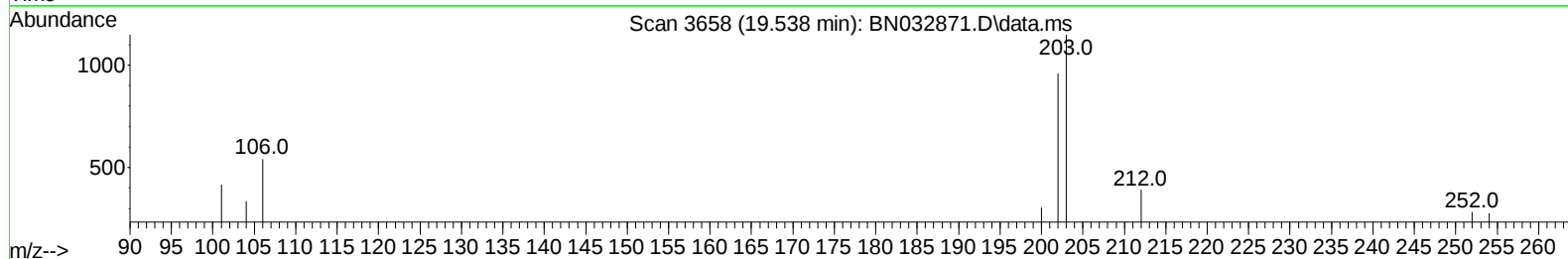
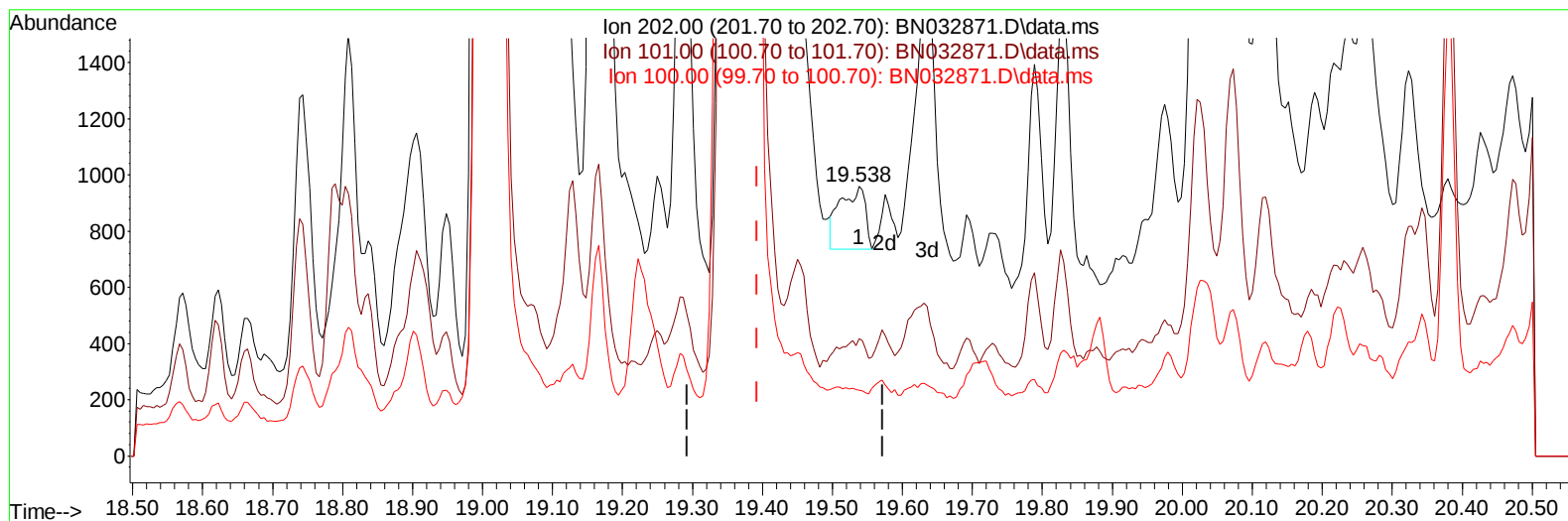
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

(20) Pyrene

19.538min (+ 0.146) 0.01 ng/u1

response 555

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	43.38#
100.00	12.00	24.40#
0.00	0.00	0.00

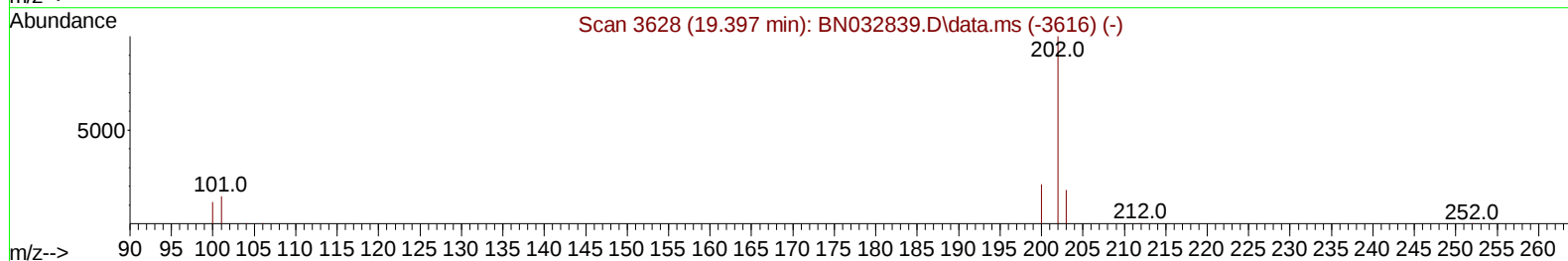
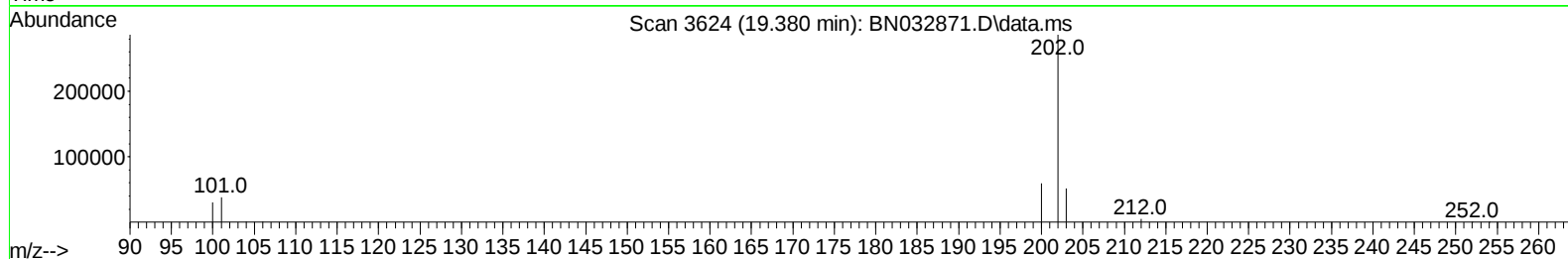
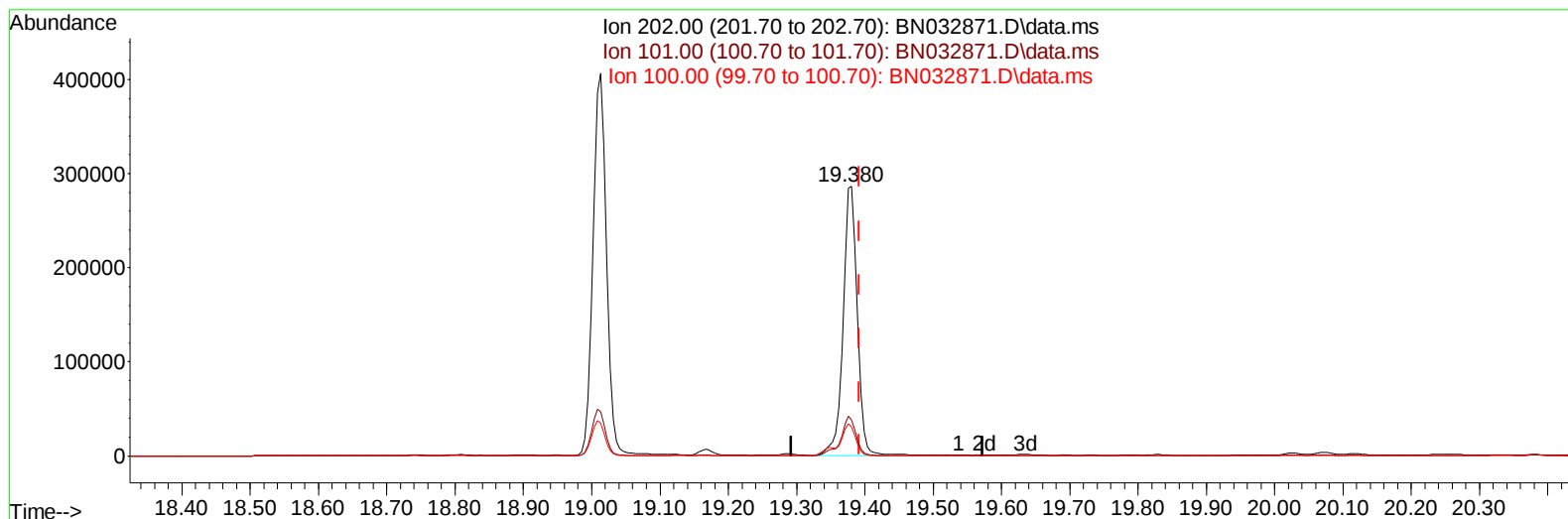
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(20) Pyrene

19.380min (-0.012) 7.37 ng/ul m

response 409136

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.36
100.00	12.00	10.70
0.00	0.00	0.00

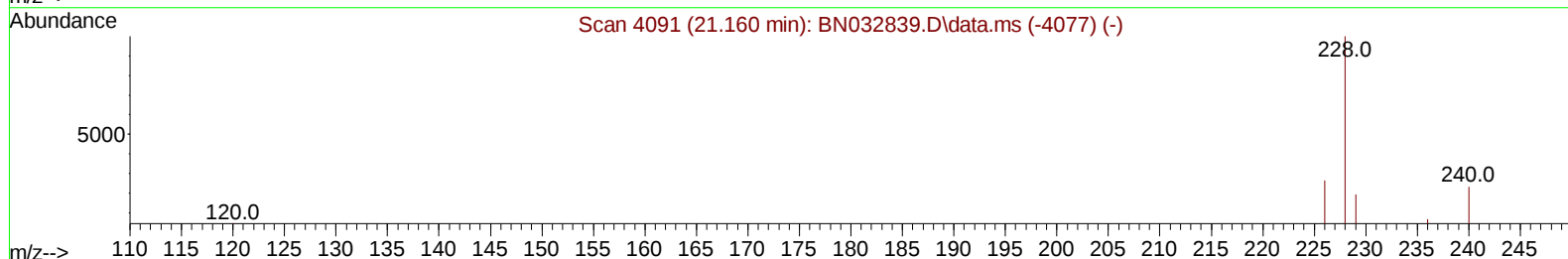
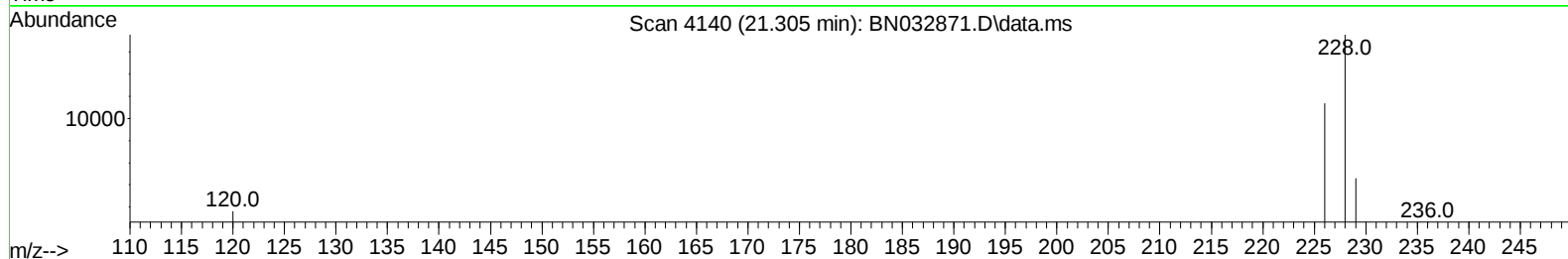
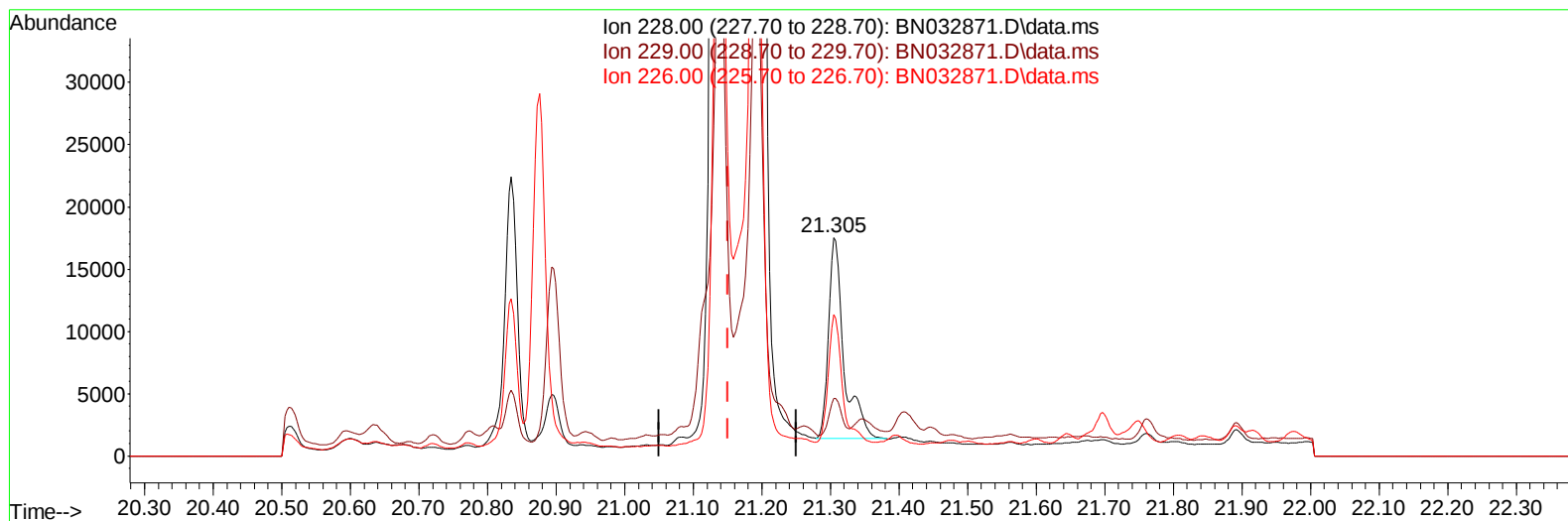
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(21) Benzo(a)anthracene

21.305min (+ 0.155) 0.60 ng/u1

response 25351

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.36#
226.00	27.40	64.77#
0.00	0.00	0.00

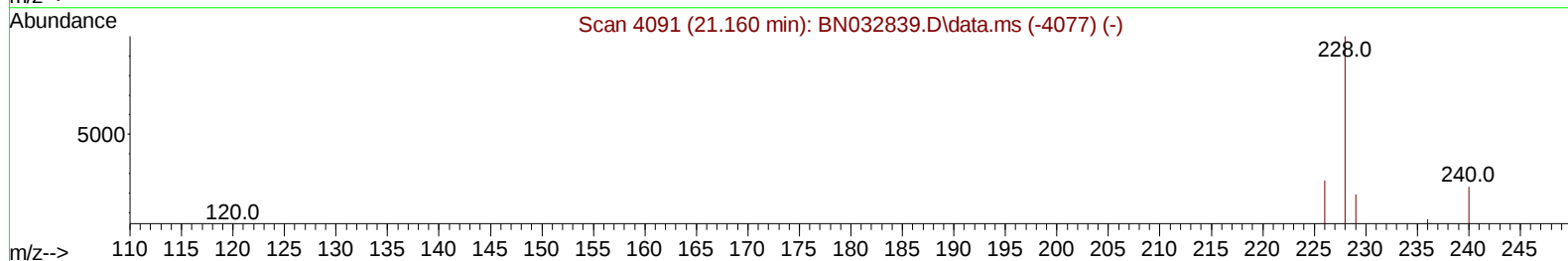
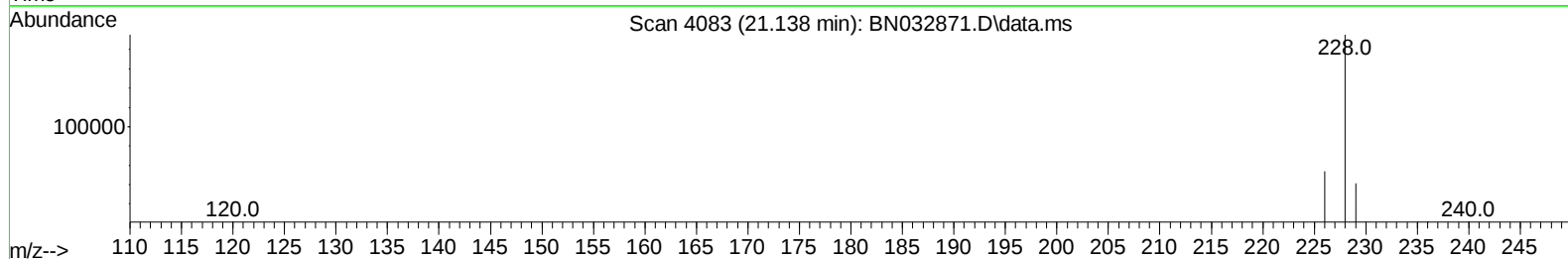
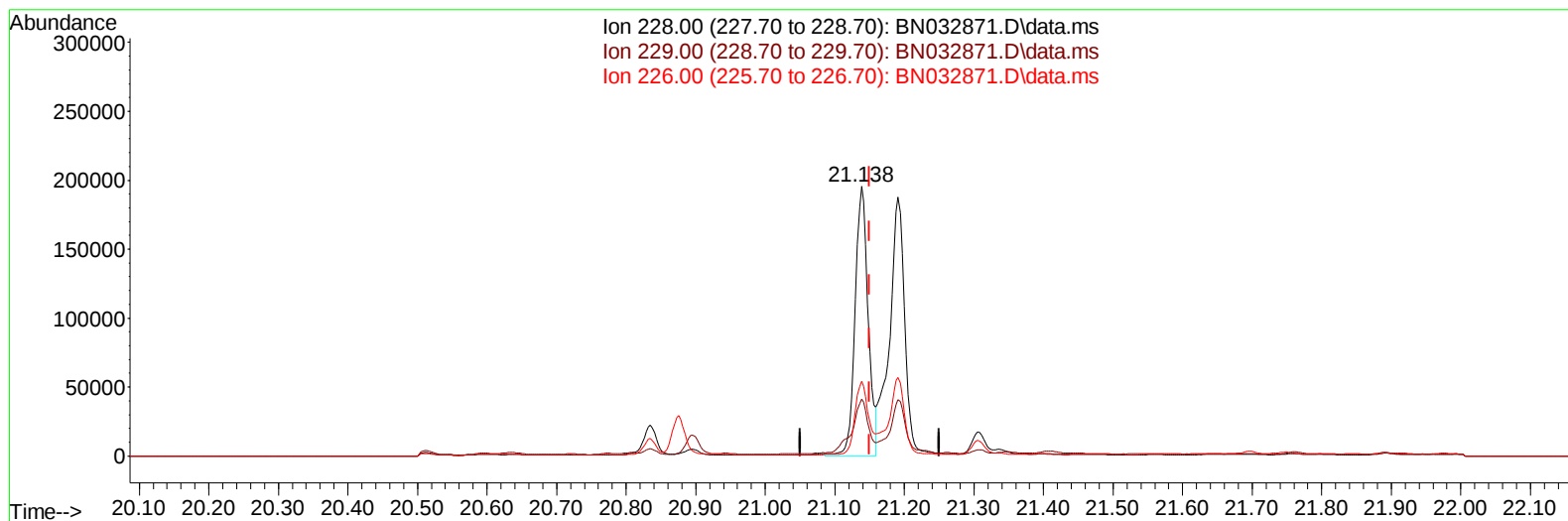
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032871.D\data.ms

(21) Benzo(a)anthracene

21.138min (-0.012) 6.11 ng/u1 m

response 256317

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	21.07
226.00	27.40	27.65
0.00	0.00	0.00

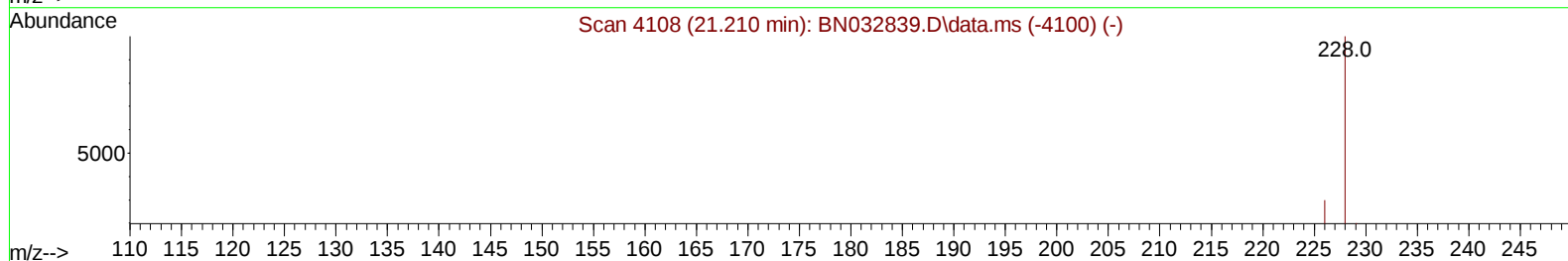
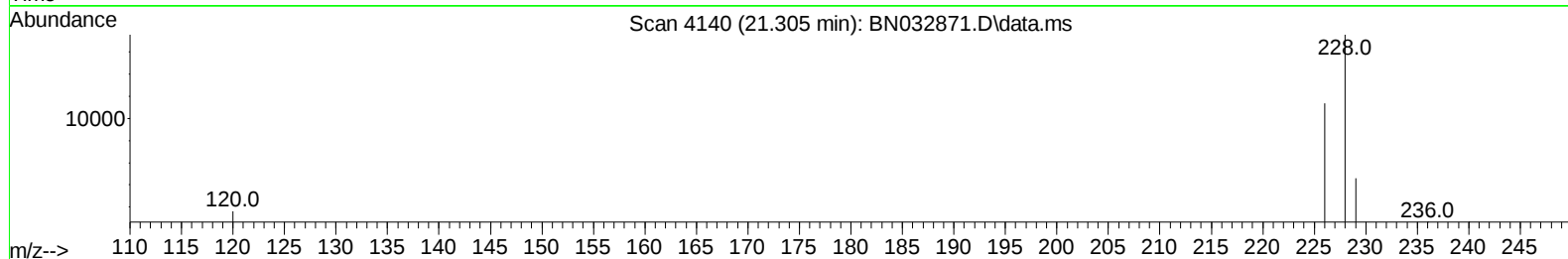
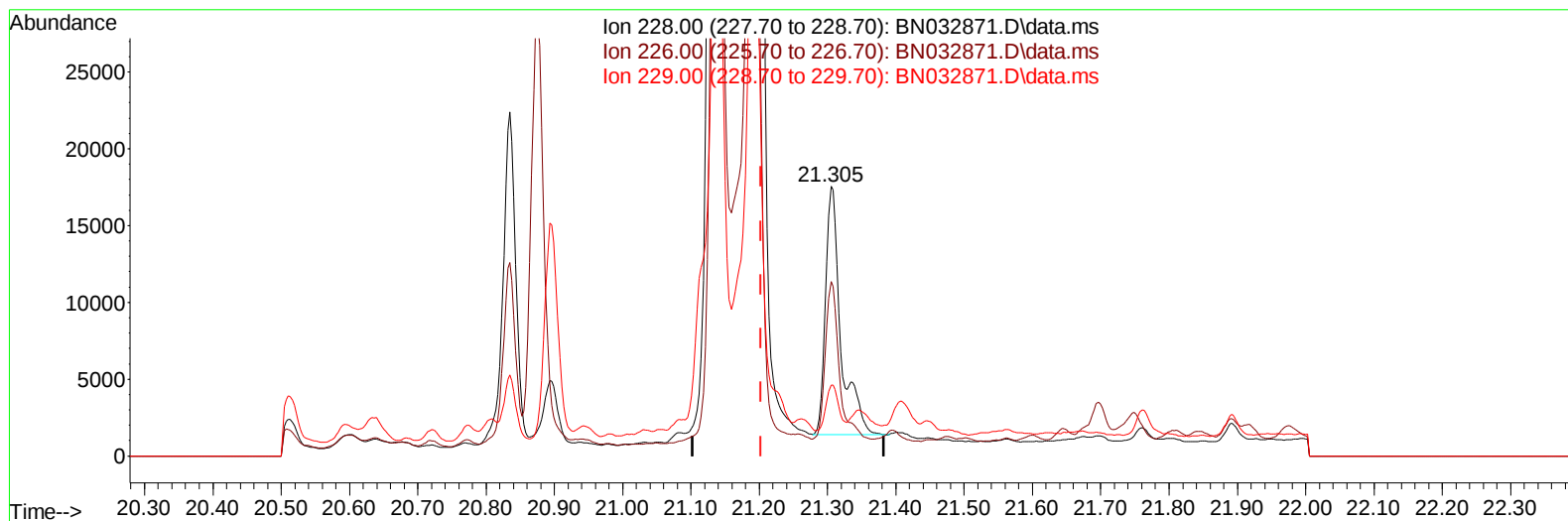
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(22) Chrysene

21.305min (+ 0.102) 0.42 ng/u1

response 25309

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.77#
229.00	19.70	26.36#
0.00	0.00	0.00

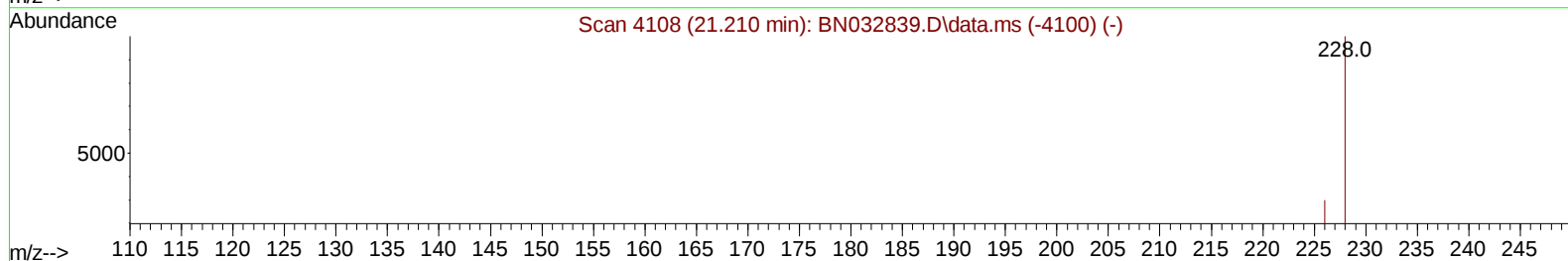
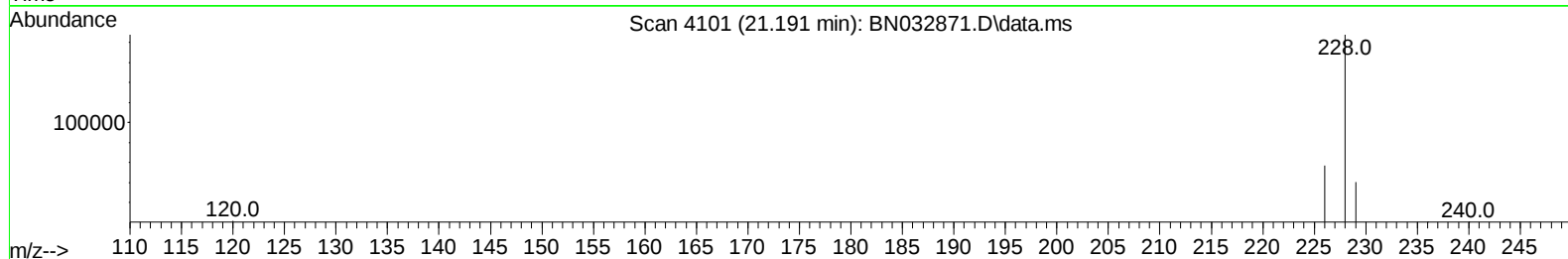
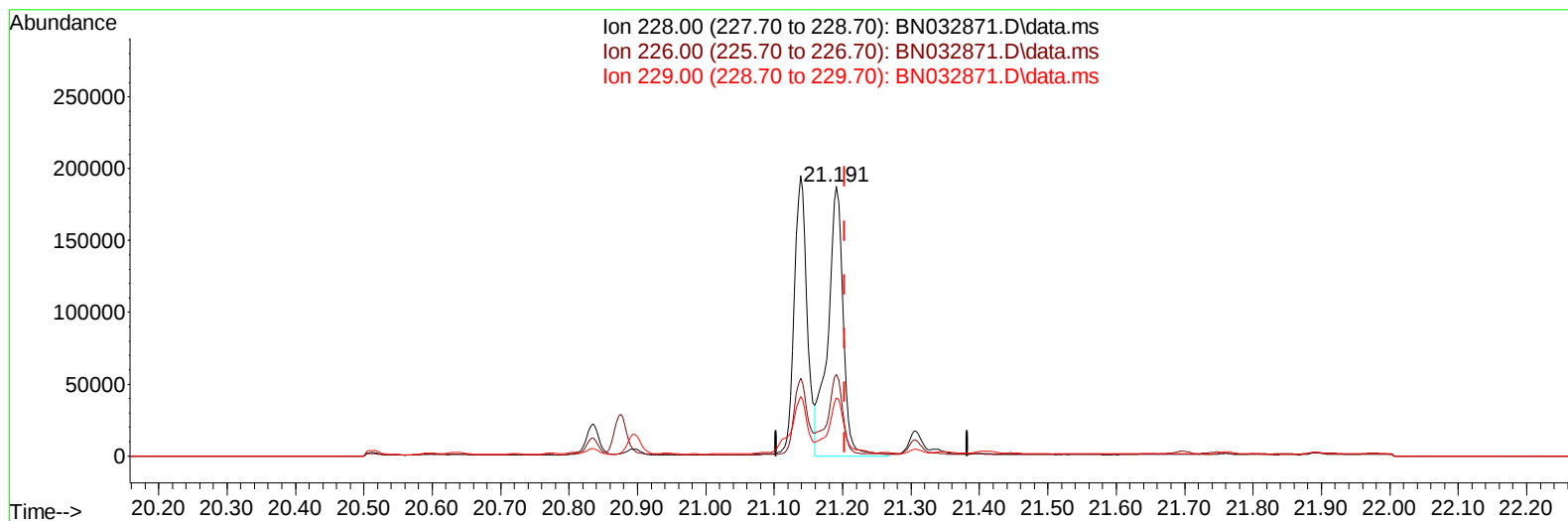
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(22) Chrysene

21.191min (-0.012) 4.83 ng/ul m

response 293100

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.40
229.00	19.70	21.65
0.00	0.00	0.00

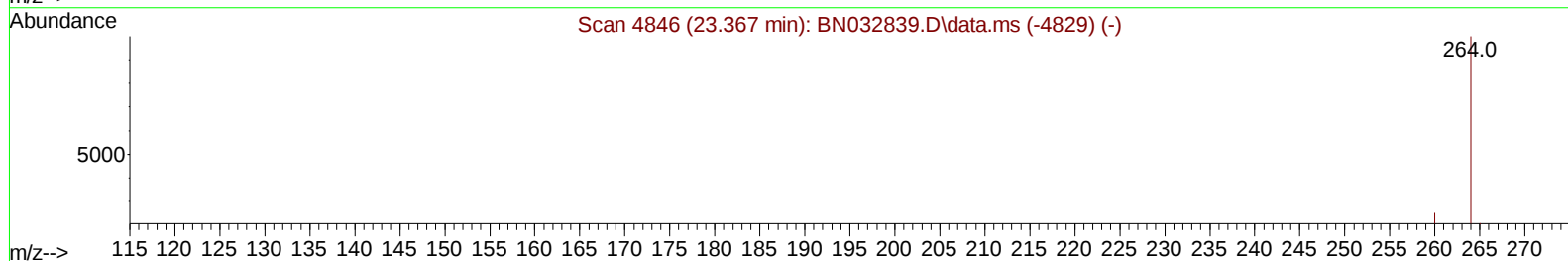
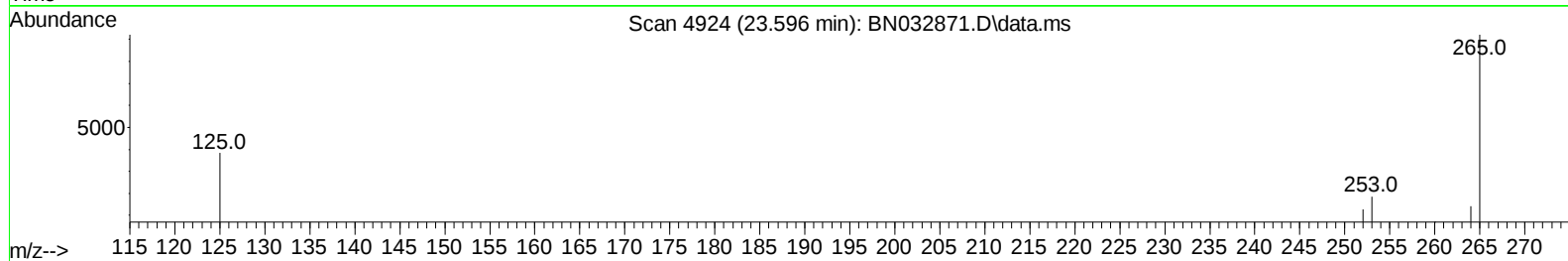
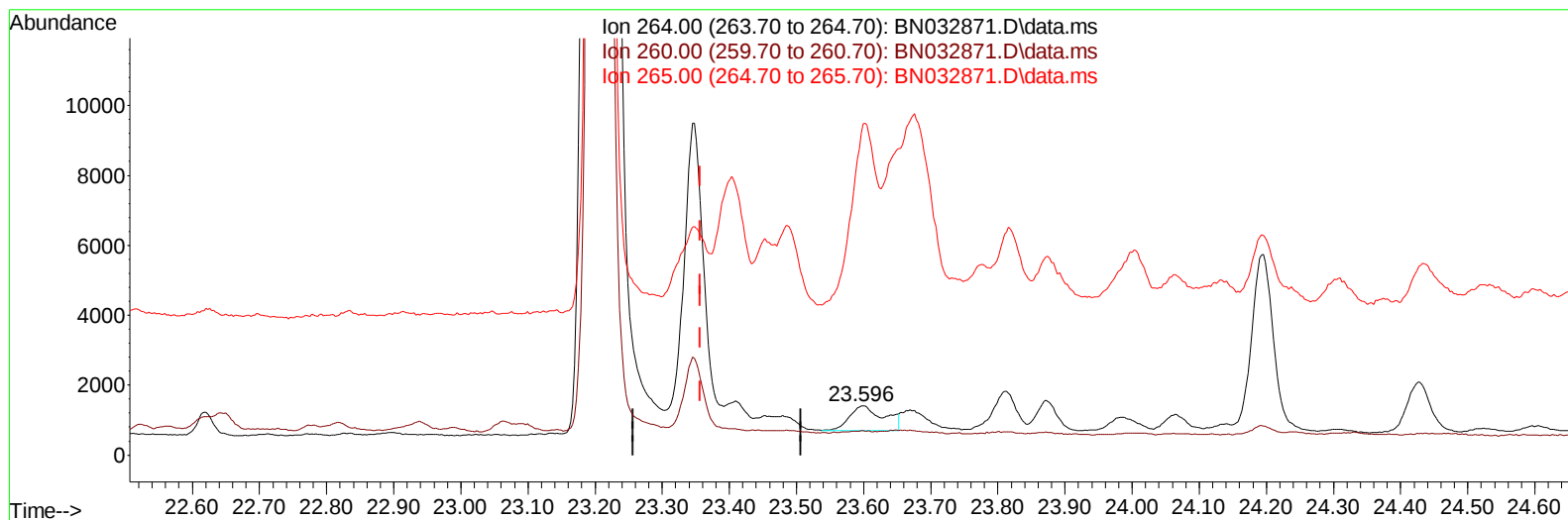
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032871.D\data.ms

(23) Perylene-d12 (I)

23.596min (+ 0.240) 0.40 ng/u1

response 2558

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	49.12#
265.00	95.50	651.24#
0.00	0.00	0.00

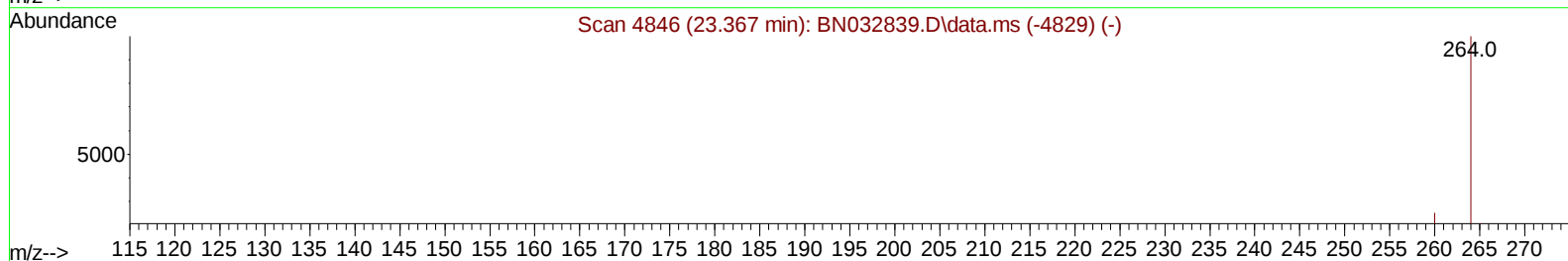
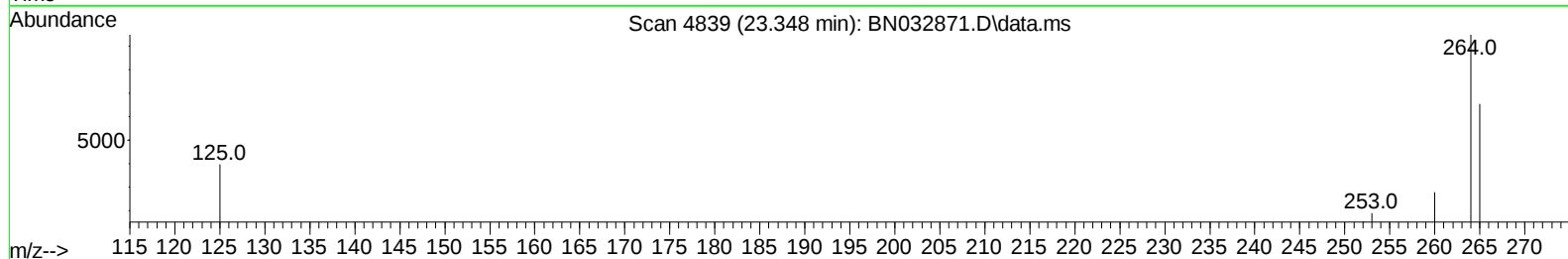
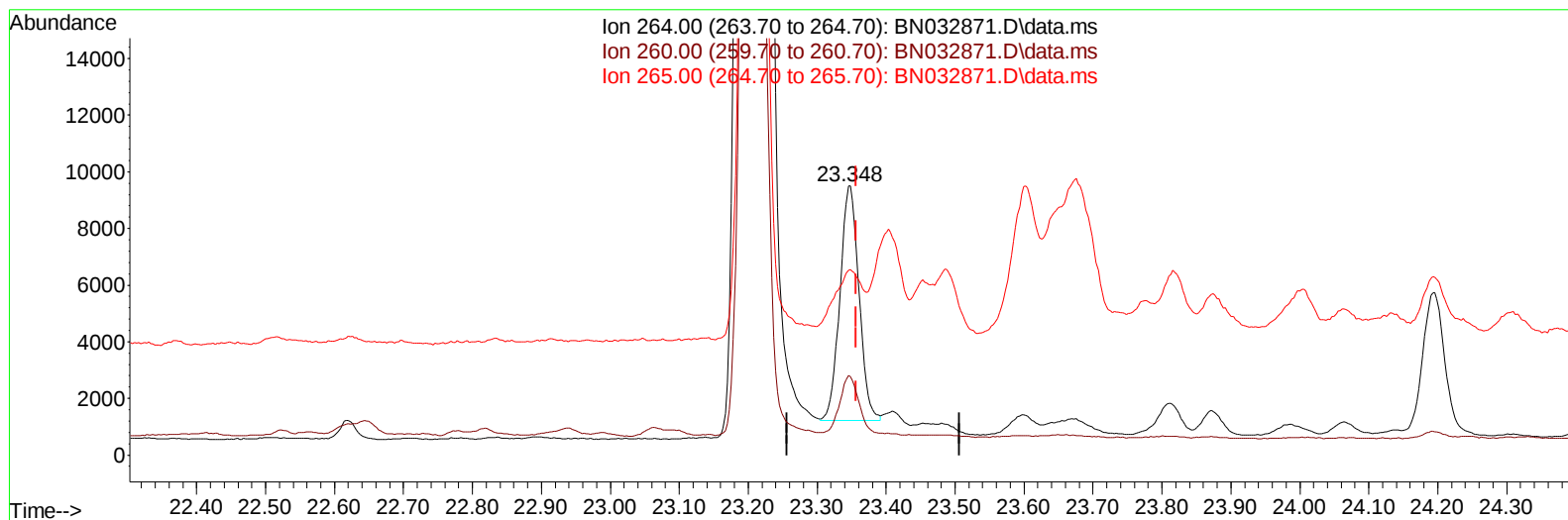
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.009) 0.40 ng/ul m

response 15820

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.23
265.00	95.50	68.86#
0.00	0.00	0.00

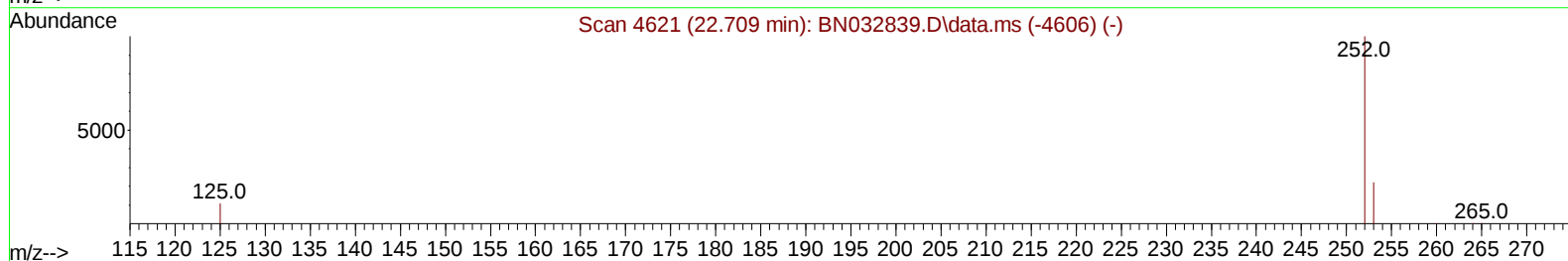
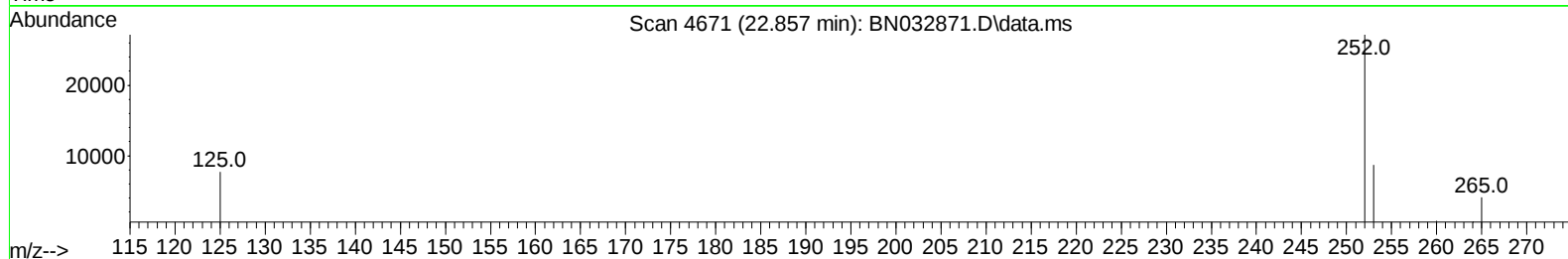
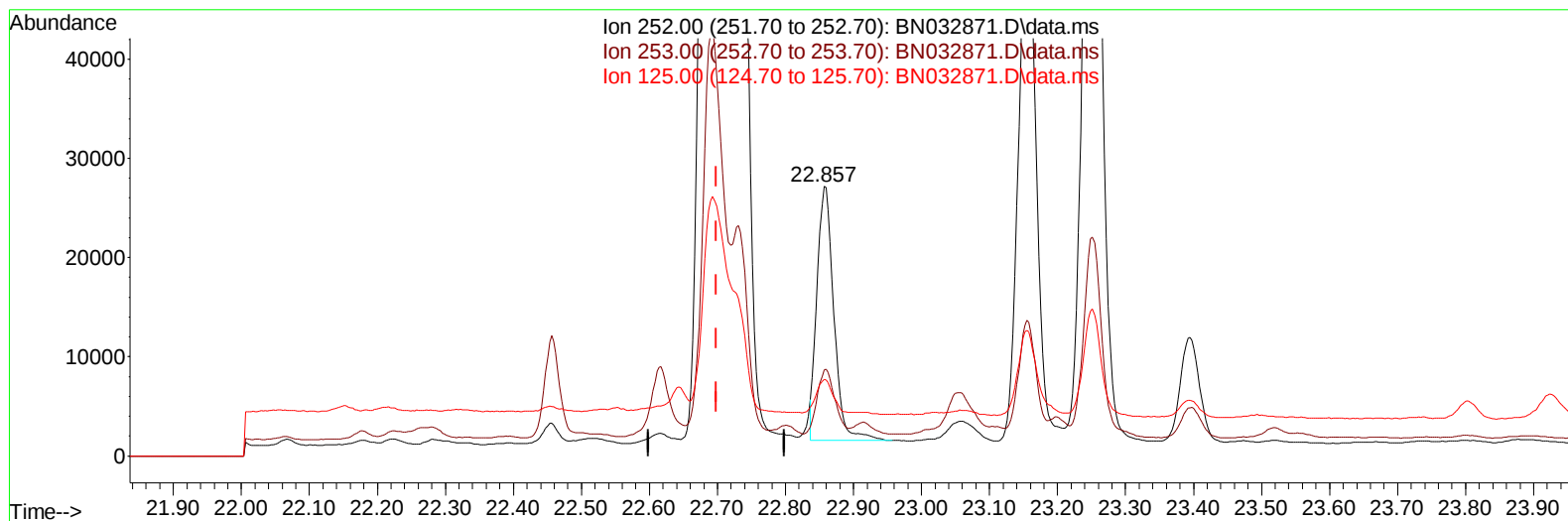
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(24) Benzo(b)fluoranthene

22.857min (+ 0.158) 0.79 ng/u1

response 44069

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.04
125.00	18.00	28.54
0.00	0.00	0.00

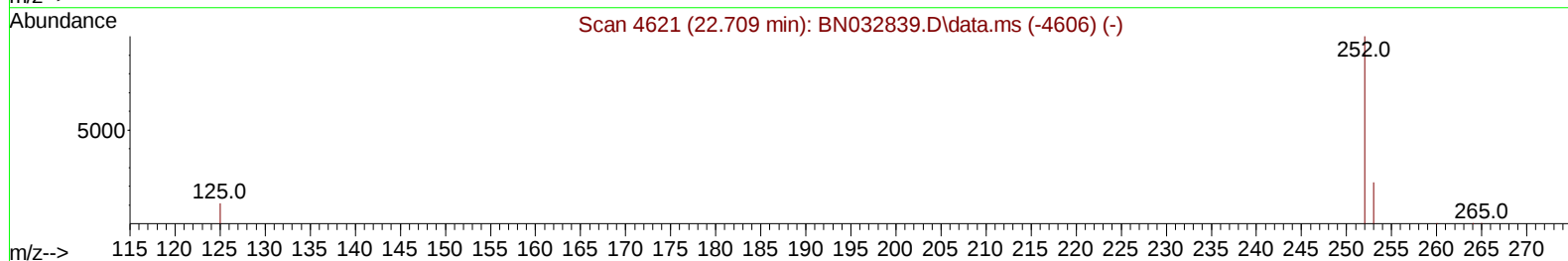
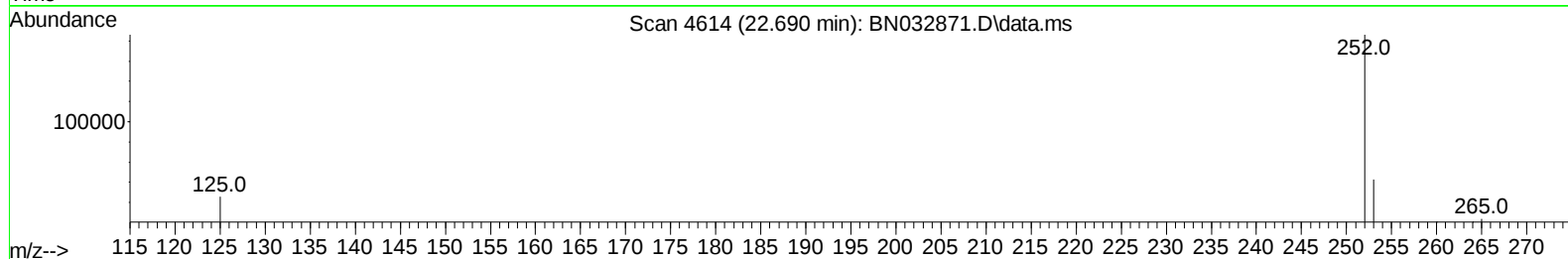
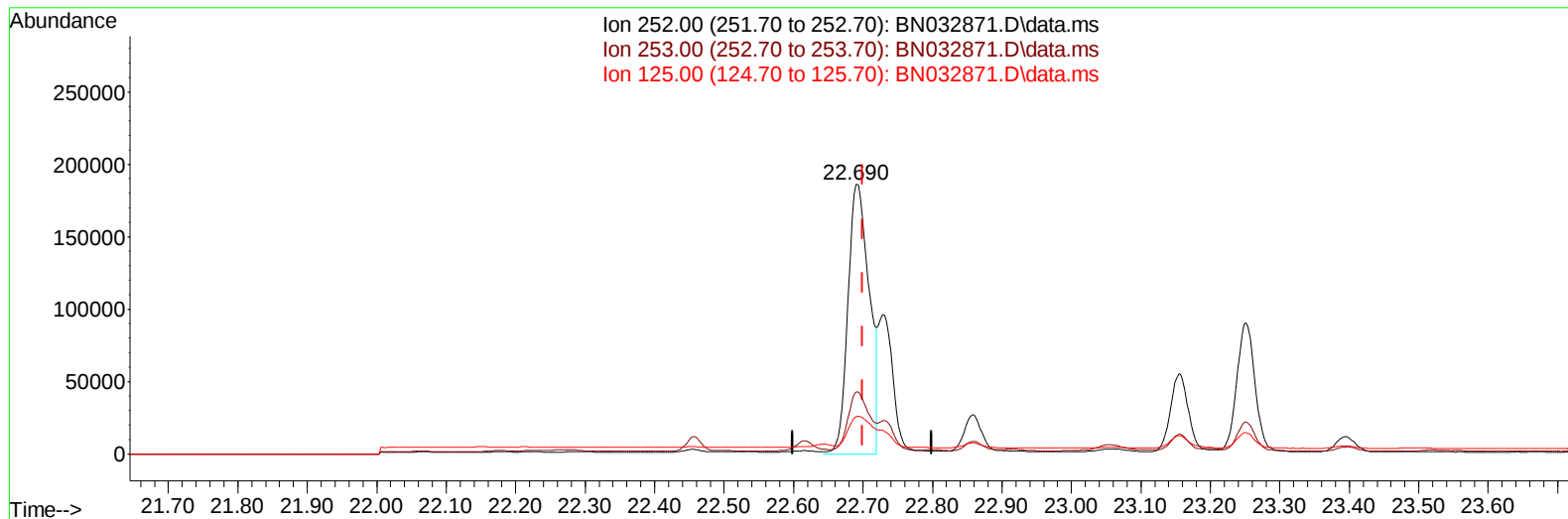
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(24) Benzo(b)fluoranthene

22.690min (-0.009) 7.16 ng/u1 m

response 399894

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.97
125.00	18.00	13.83
0.00	0.00	0.00

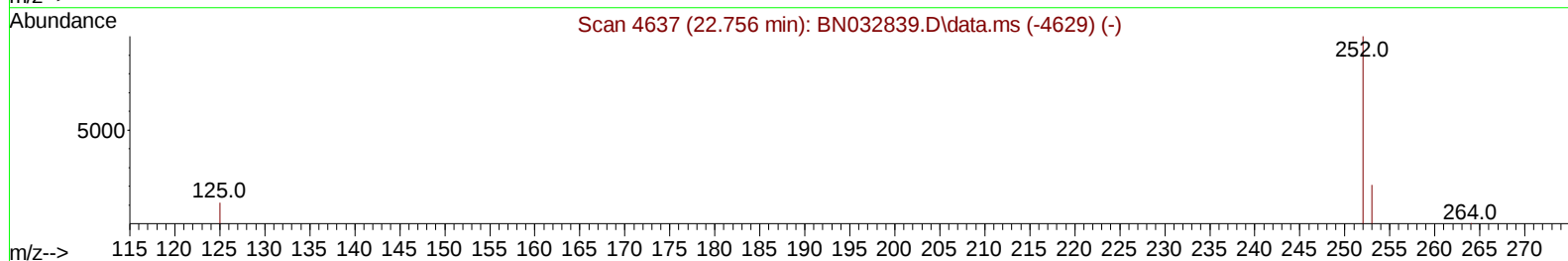
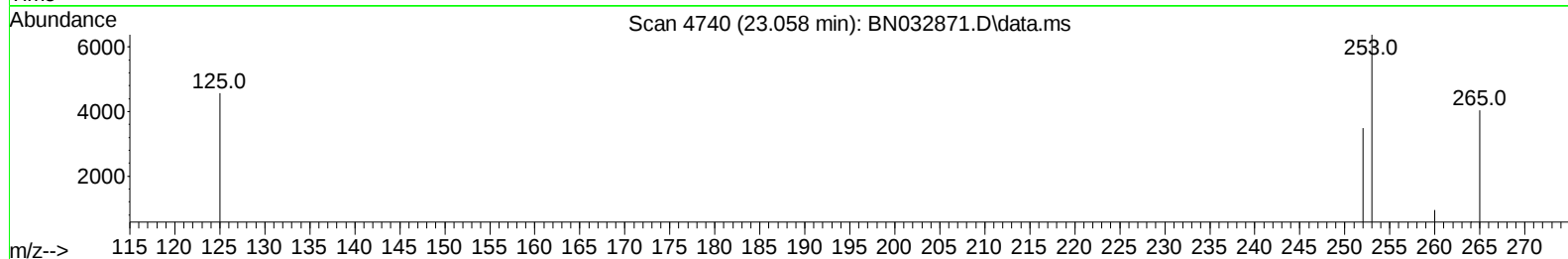
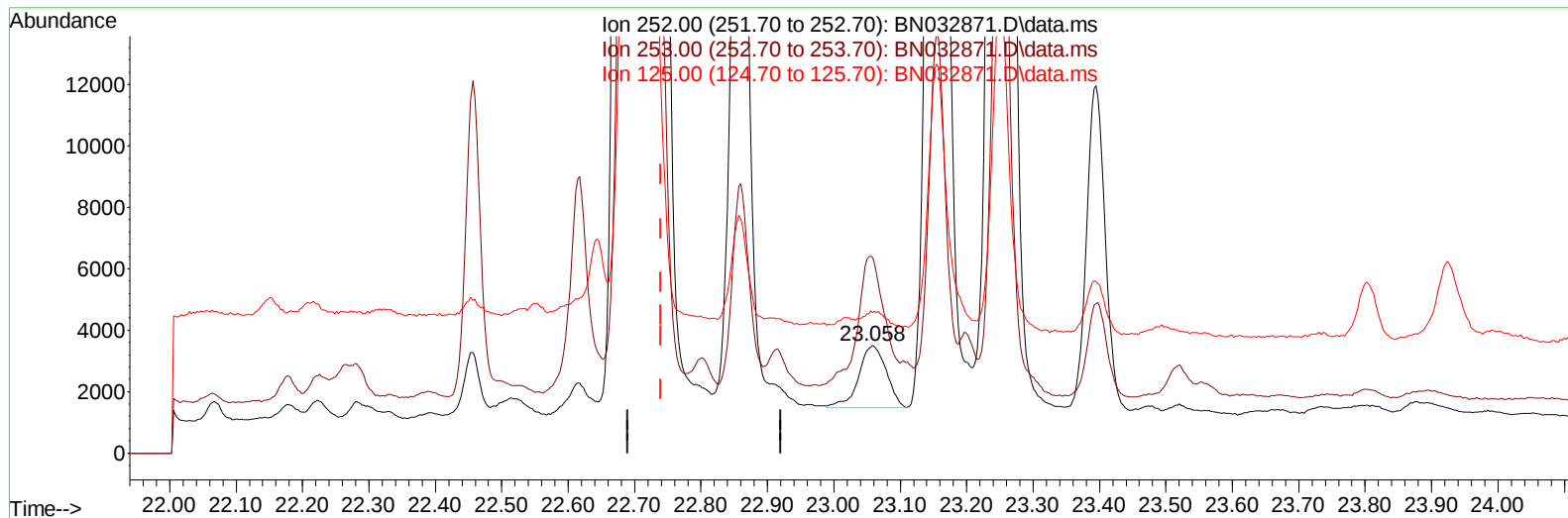
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(25) Benzo(k)fluoranthene

23.058min (+ 0.319) 0.09 ng/u1

response 5866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	182.44#
125.00	18.50	130.55#
0.00	0.00	0.00

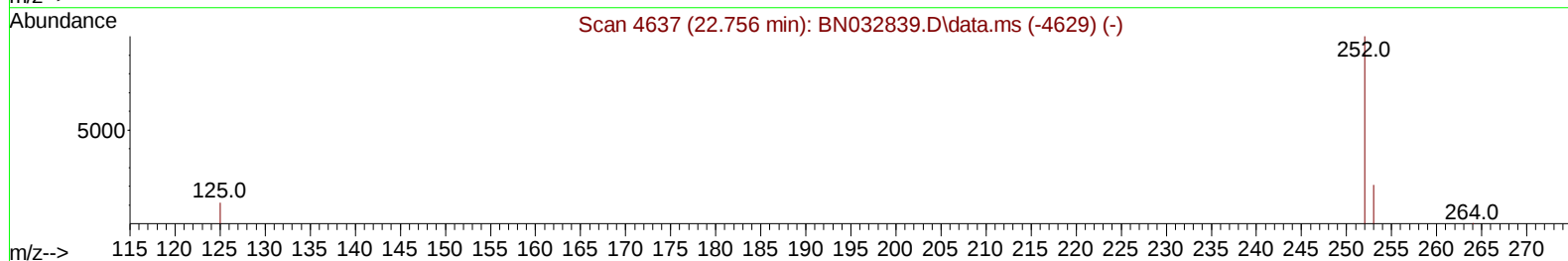
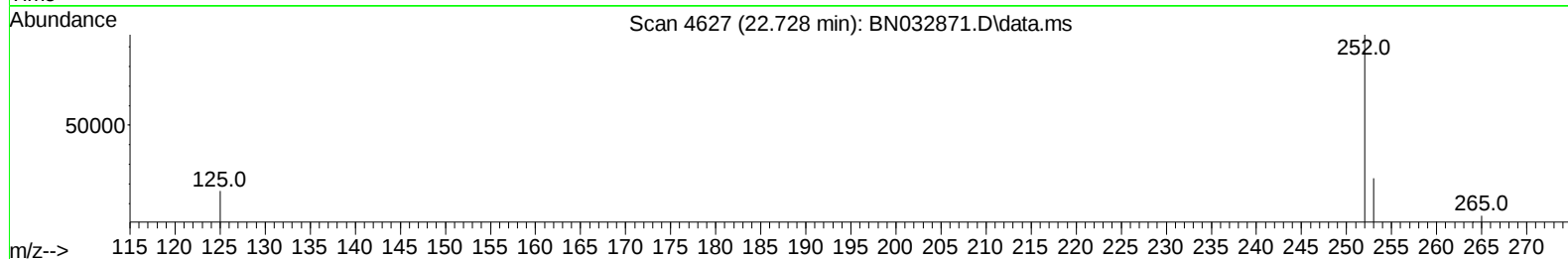
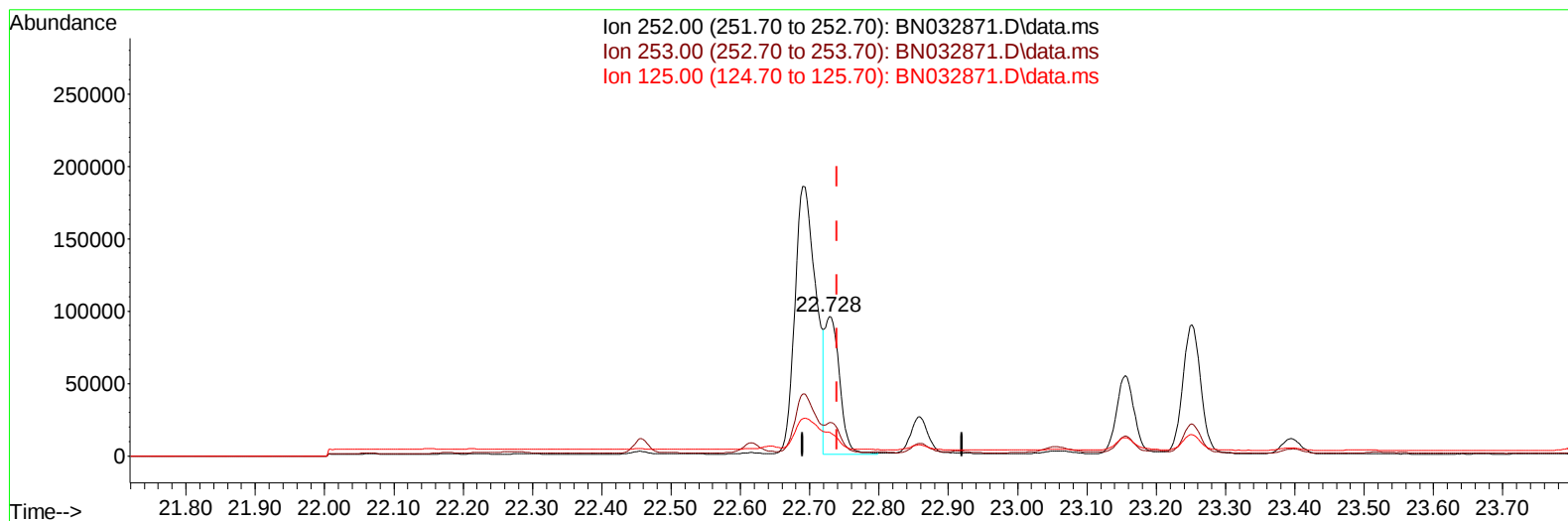
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(25) Benzo(k)fluoranthene

22.728min (-0.012) 2.04 ng/u1 m

response 138814

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.00
125.00	18.50	17.00
0.00	0.00	0.00

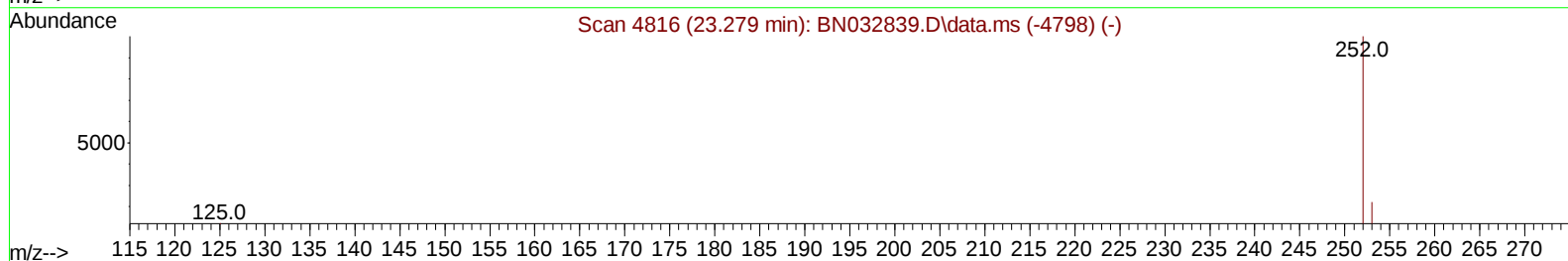
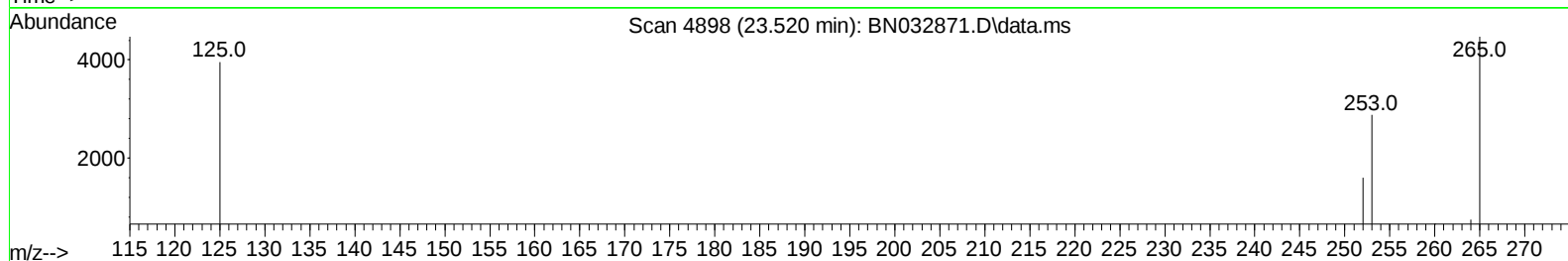
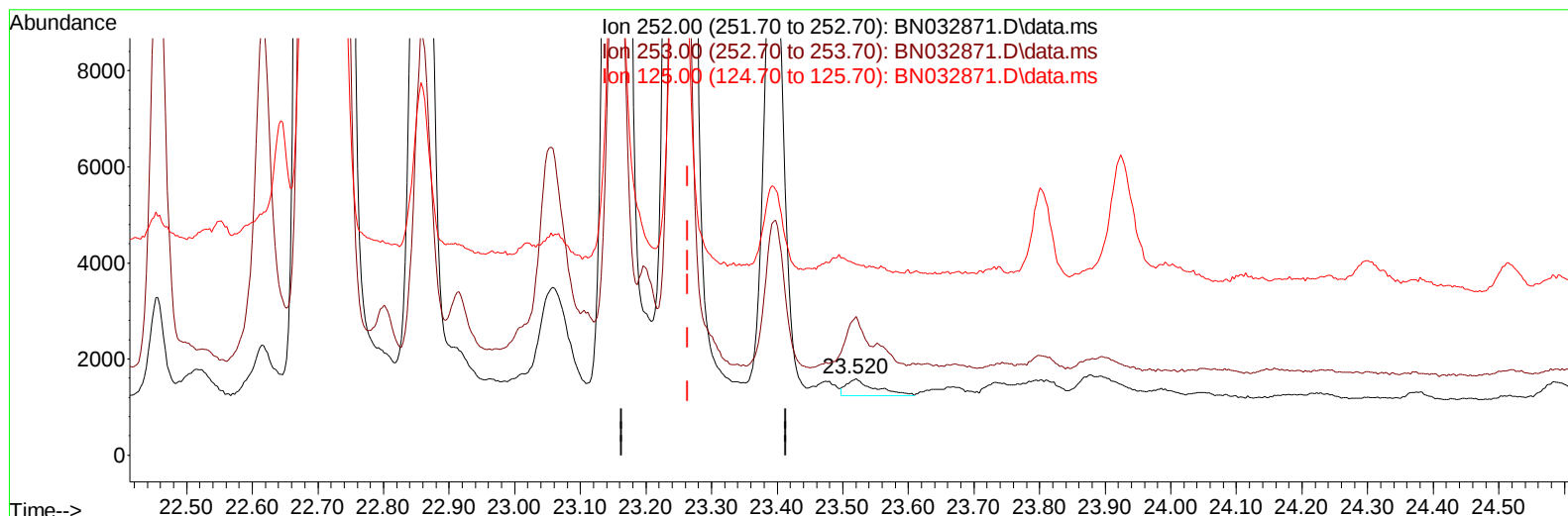
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(26) Benzo(a)pyrene (C)

23.520min (+ 0.257) 0.02 ng/u1

response 1020

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	180.53#
125.00	25.70	248.03#
0.00	0.00	0.00

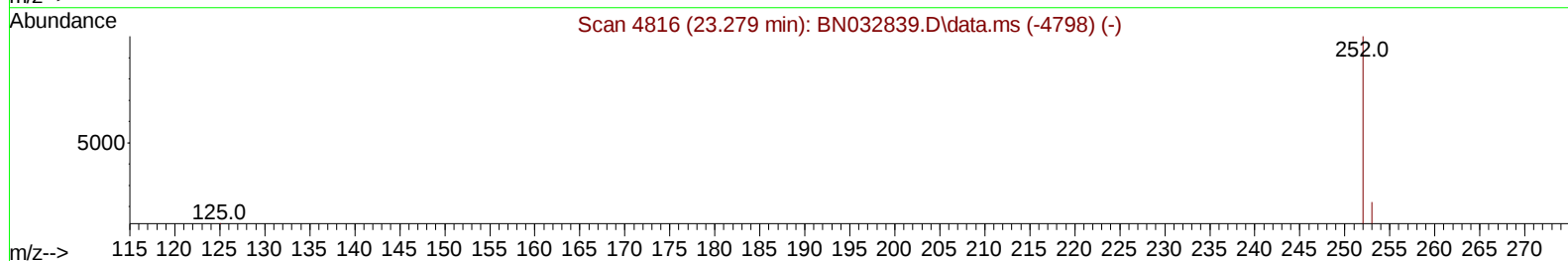
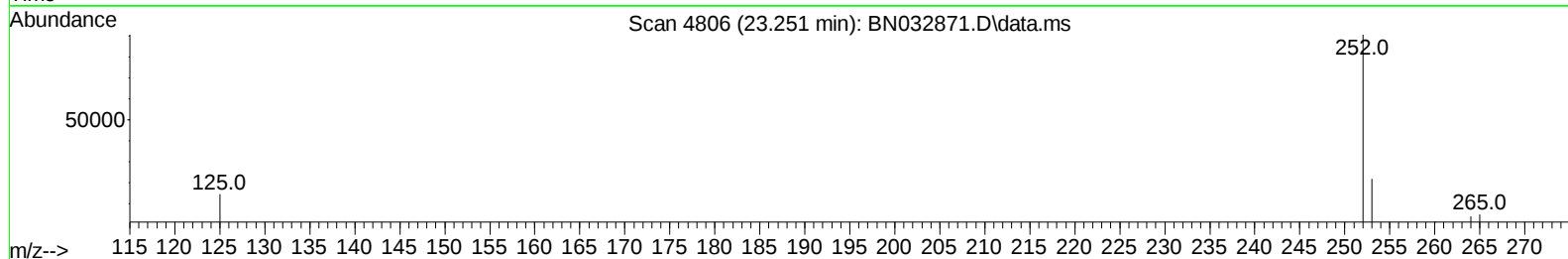
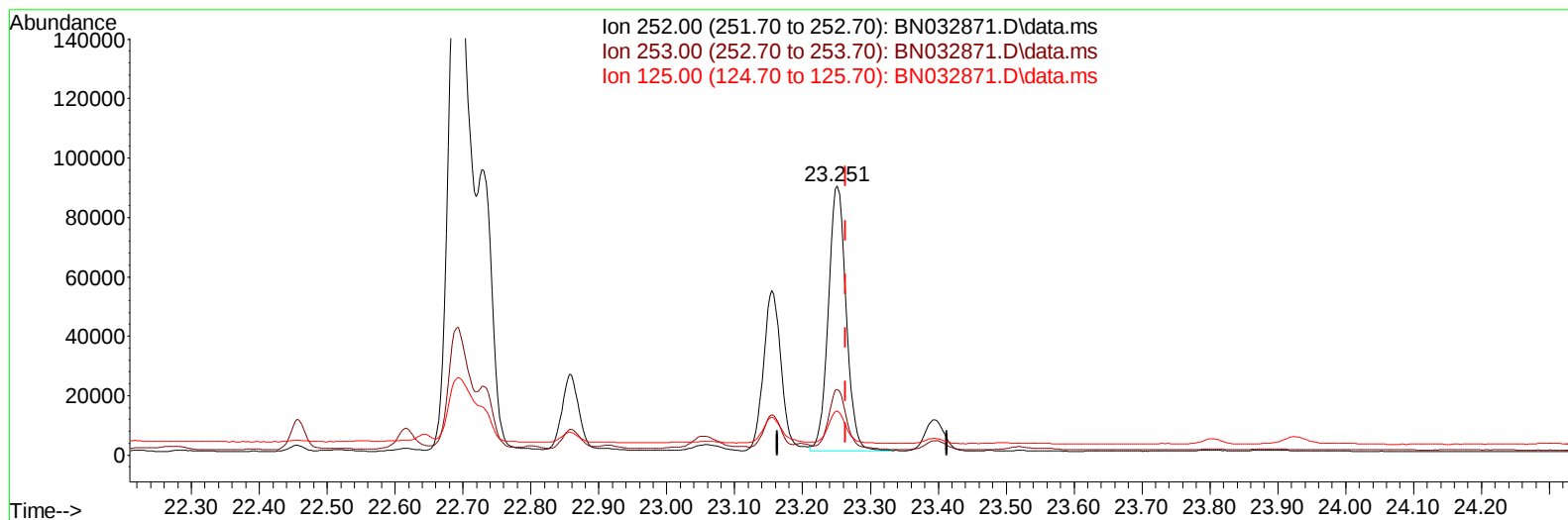
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(26) Benzo(a)pyrene (C)

23.251min (-0.012) 3.38 ng/u1 m

response 163307

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.34#
125.00	25.70	16.34#
0.00	0.00	0.00

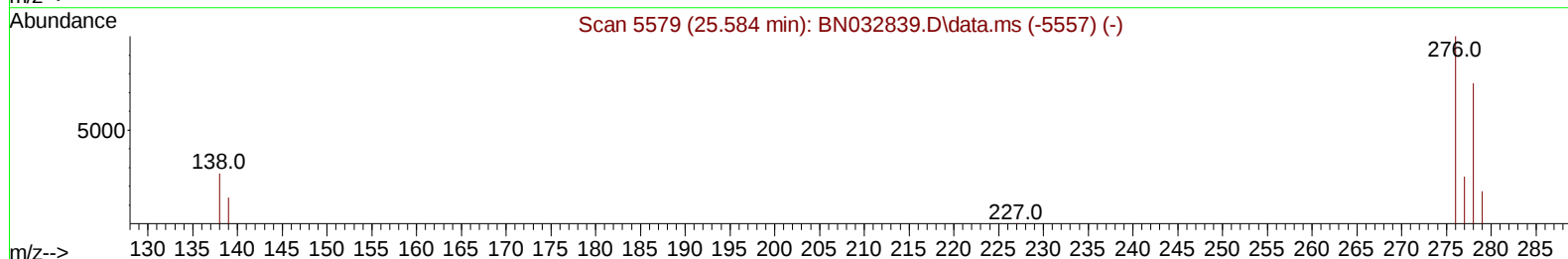
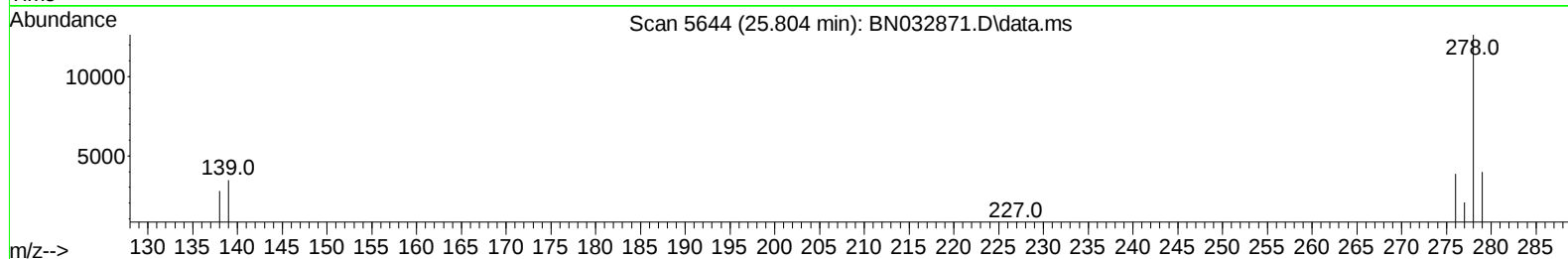
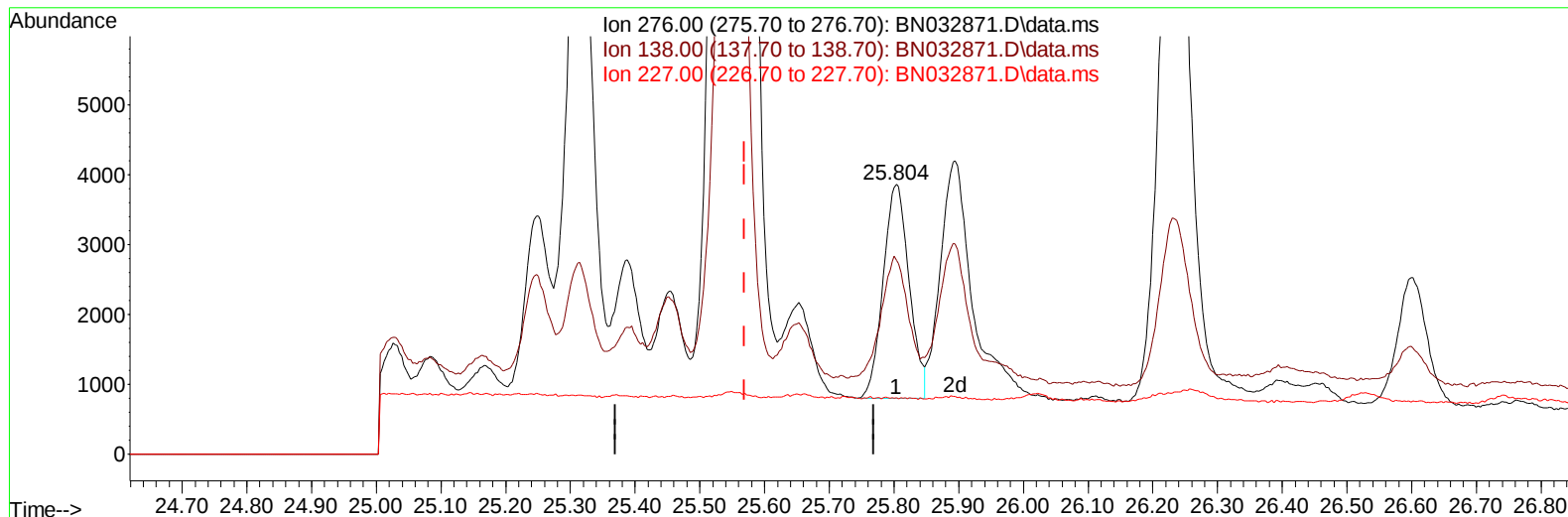
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032871.D
 Acq On : 20 Jul 2024 09:51
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

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

25.804min (+ 0.235) 0.13 ng/u1

response 8578

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	59.51#
227.00	0.00	0.28#
0.00	0.00	0.00

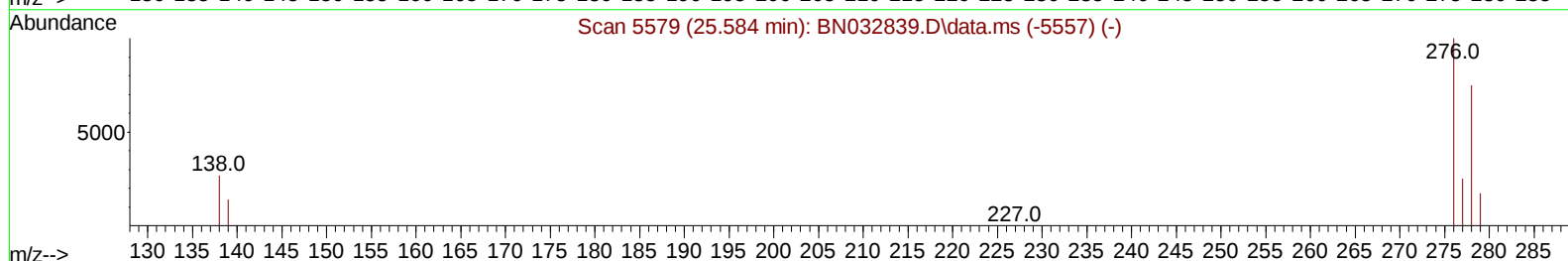
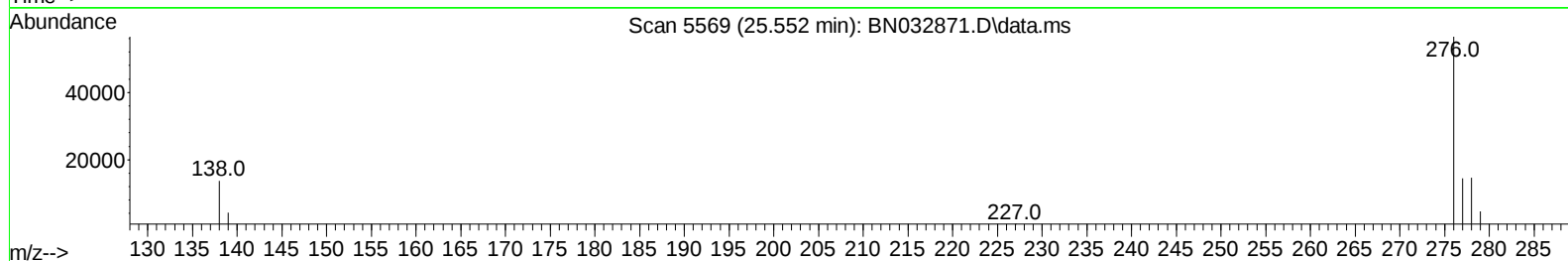
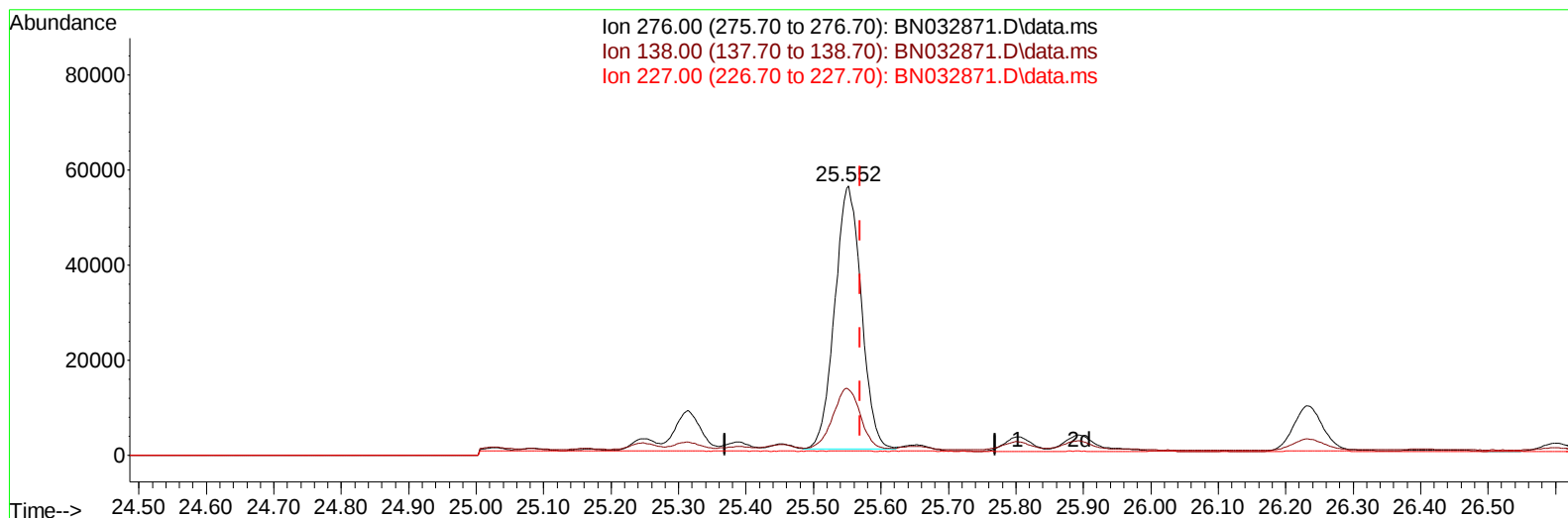
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:43:30 2024
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration



TIC: BN032871.D\data.ms

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

25.552min (-0.017) 2.31 ng/u1 m

response 151231

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.38#
227.00	0.00	0.02#
0.00	0.00	0.00

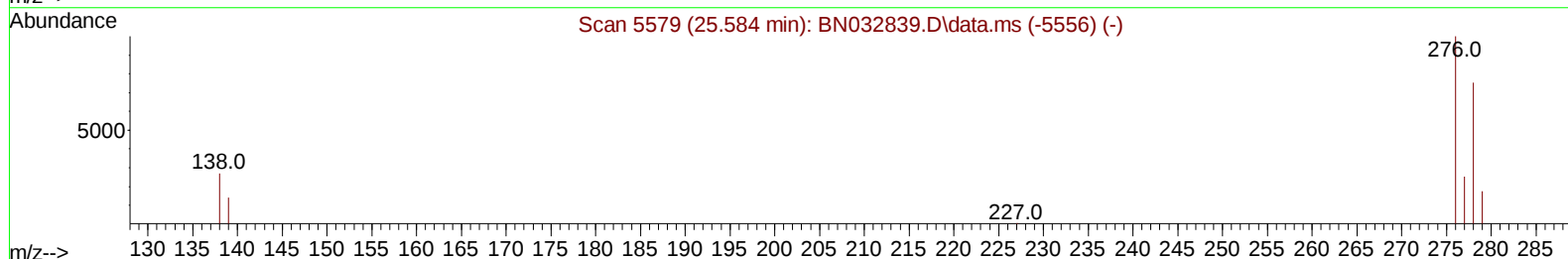
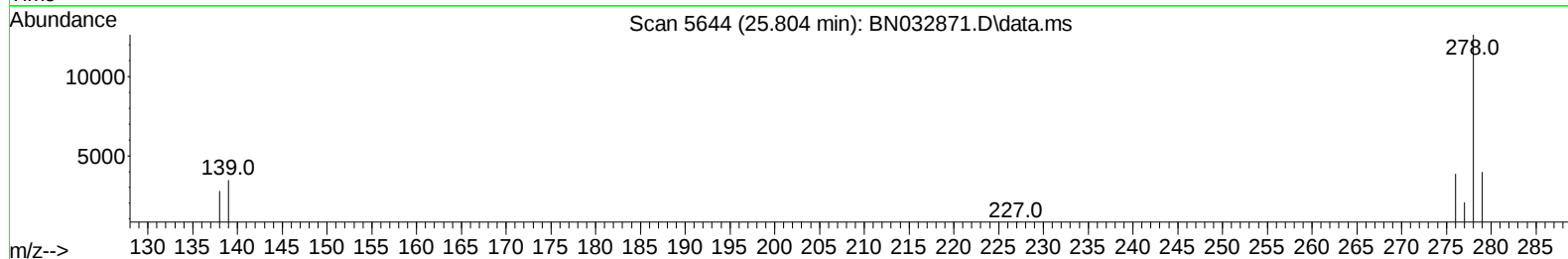
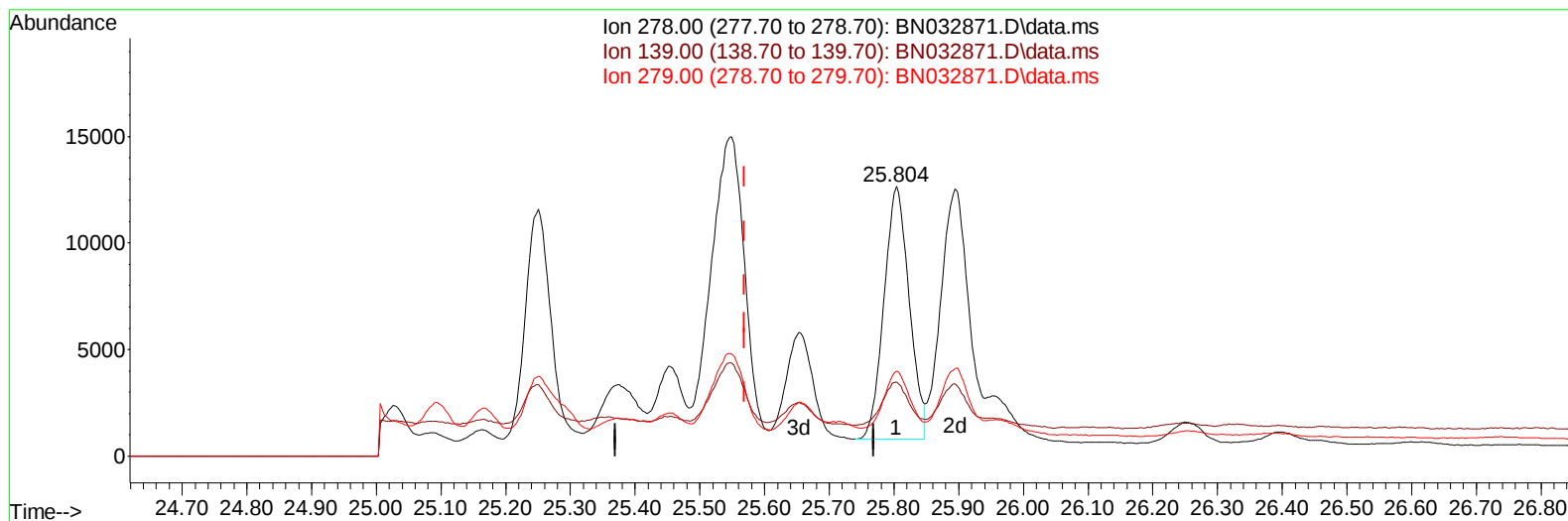
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
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TIC: BN032871.D\data.ms

(28) Dibenzo(a,h)anthracene

25.804min (+ 0.235) 0.64 ng/u1

response 32307

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	27.43#
279.00	29.60	31.44
0.00	0.00	0.00

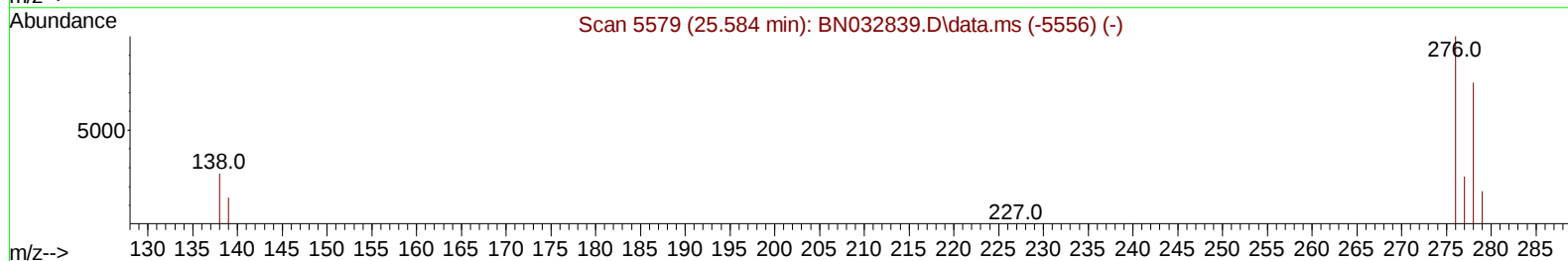
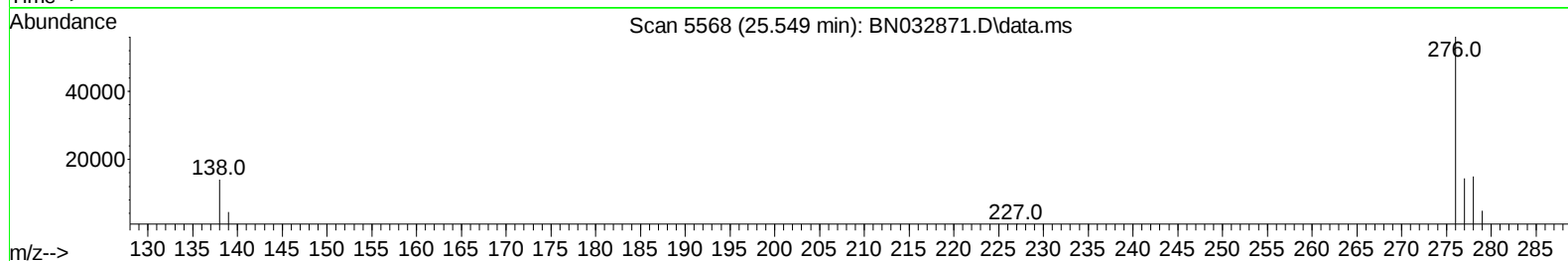
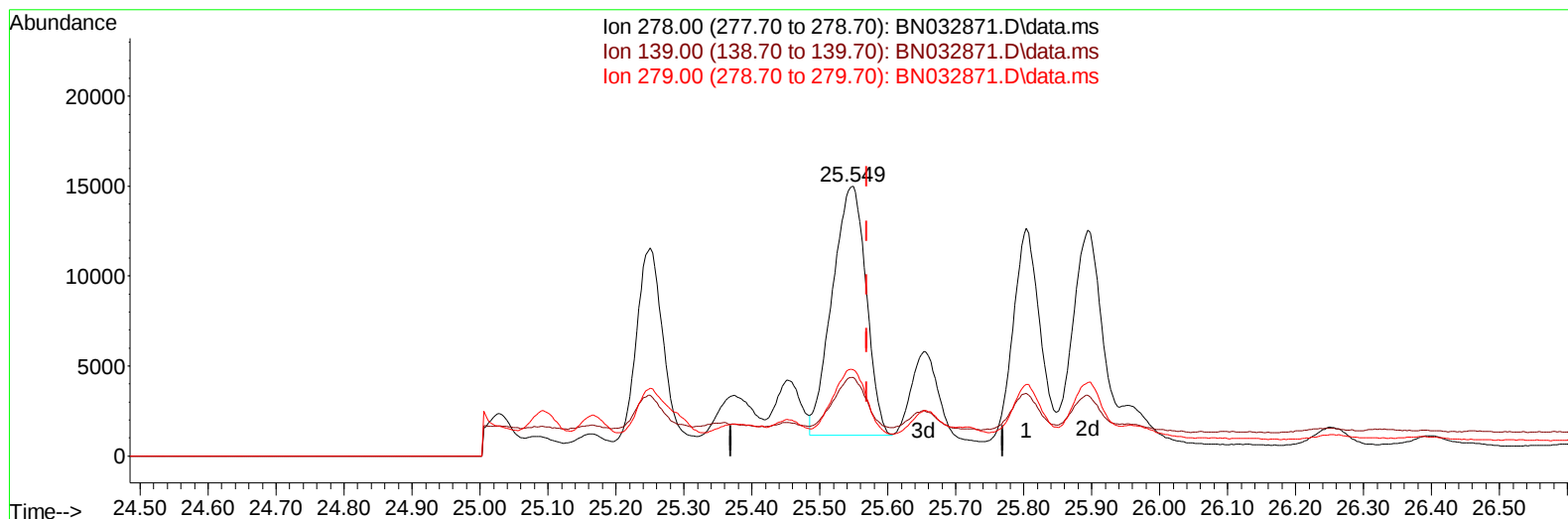
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

(28) Dibenzo(a,h)anthracene

25.549min (-0.020) 0.94 ng/u1 m

response 47860

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	29.23#
279.00	29.60	31.92
0.00	0.00	0.00

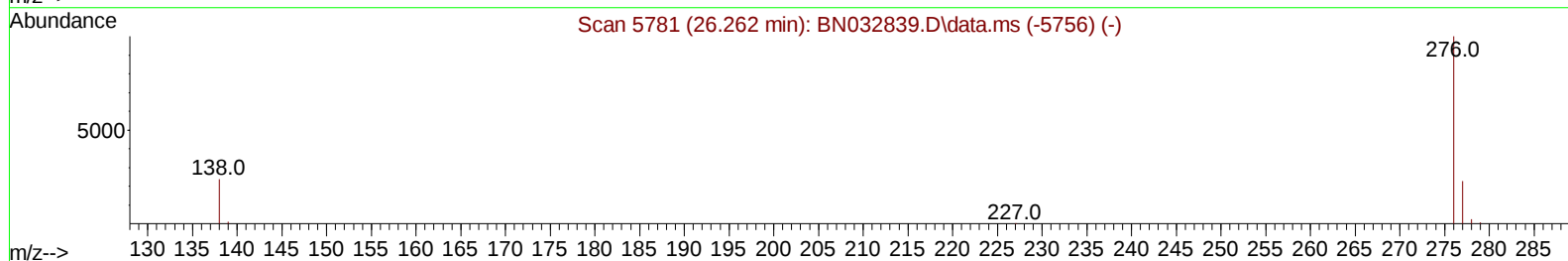
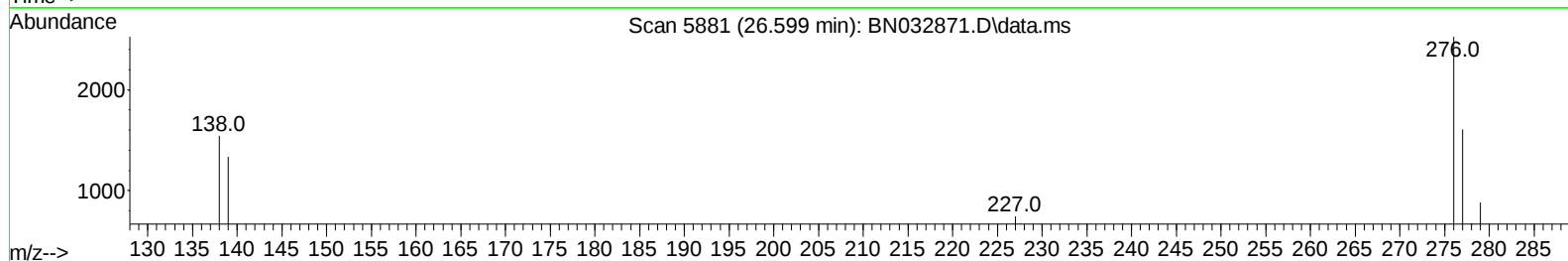
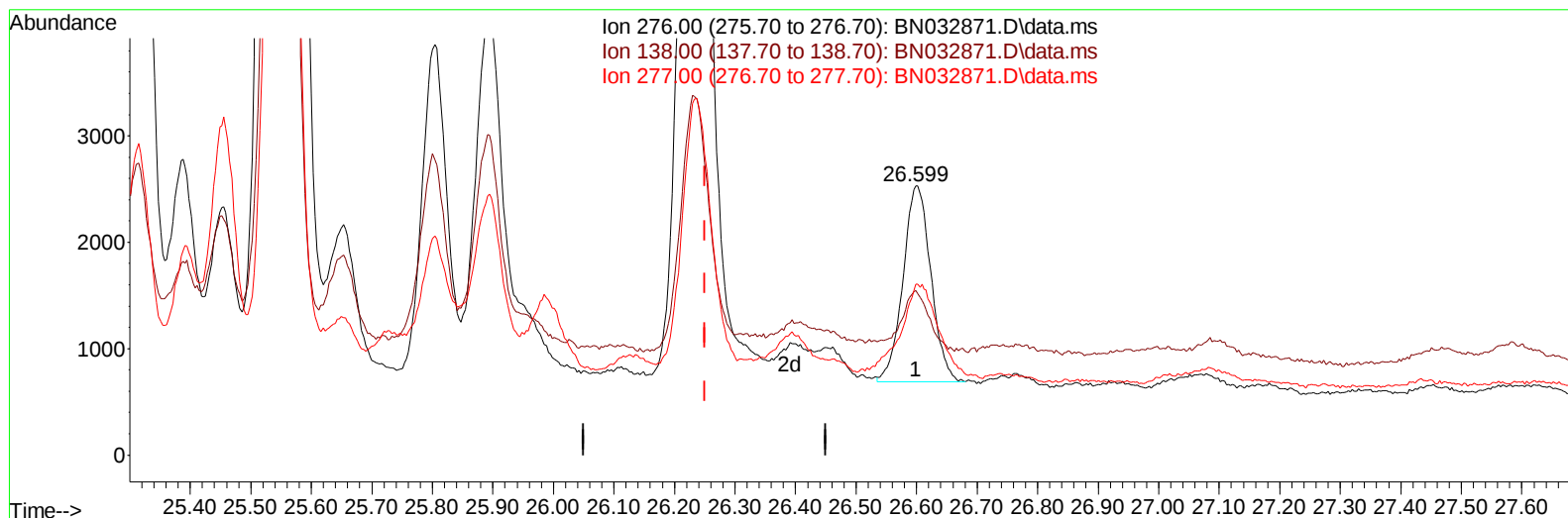
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

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TIC: BN032871.D\data.ms

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

26.599min (+ 0.349) 0.11 ng/u1

response 5881

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	61.08#
277.00	25.80	63.57#
0.00	0.00	0.00

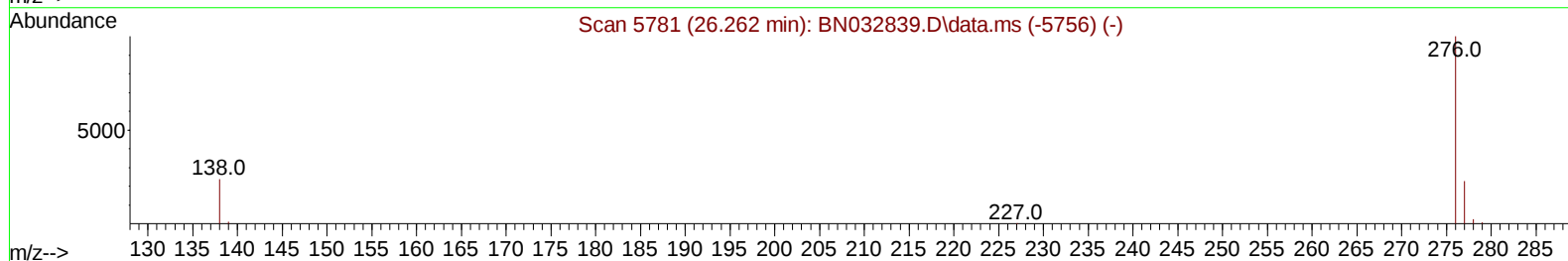
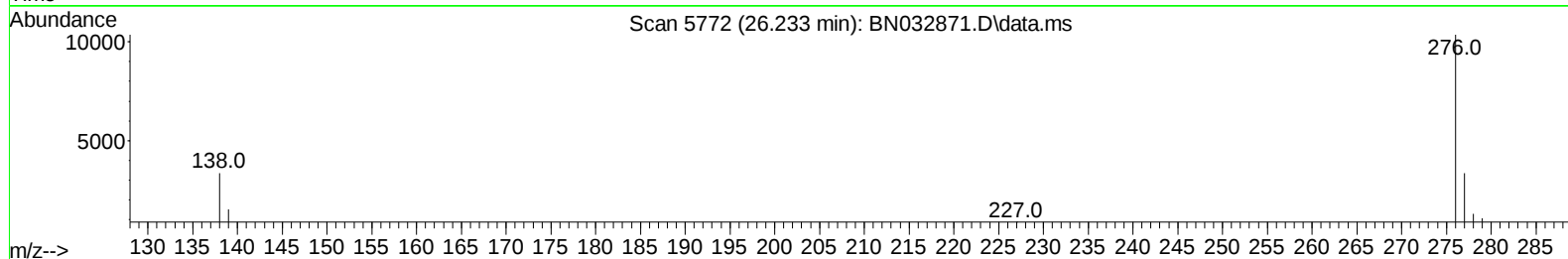
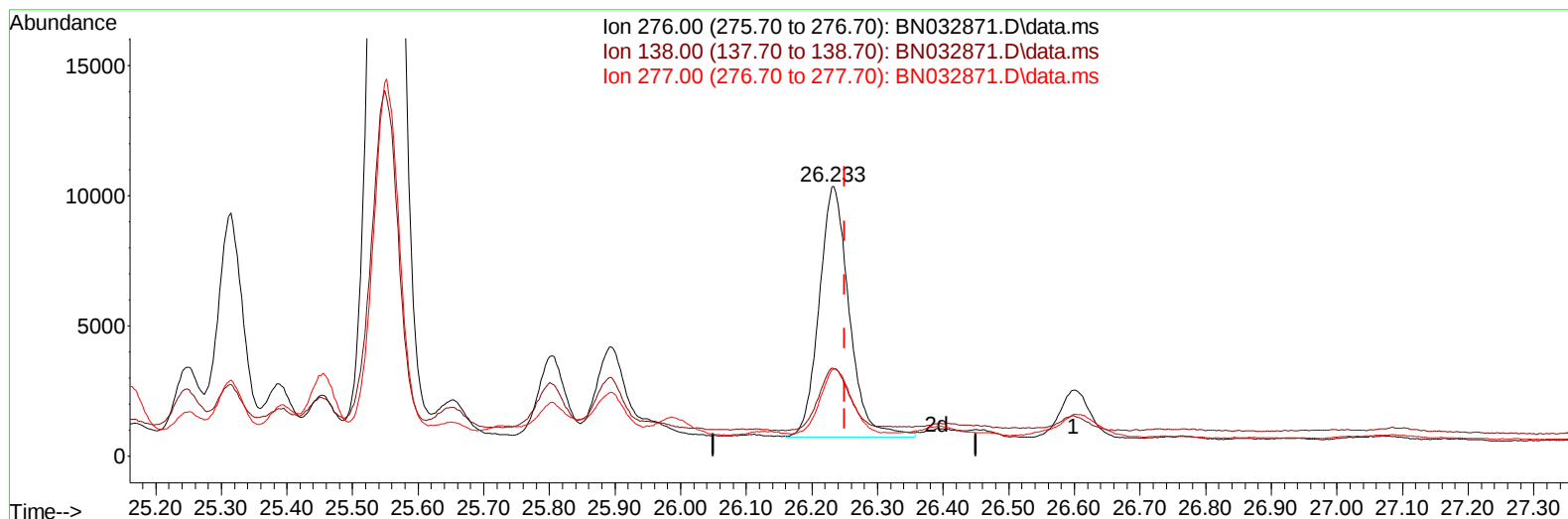
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032871.D\data.ms

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

26.233min (-0.017) 0.56 ng/u1 m

response 30711

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	32.52#
277.00	25.80	32.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032871.D
 Acq On : 20 Jul 2024 09:51
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4187	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	13141	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7629	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	15338m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	13186m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15820m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12187	2.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3200	0.161	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7288m	0.170	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.343	128	7007	0.199	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	2429	0.110	ng/ul	98
8) 1-Methylnaphthalene	12.197	142	1904	0.084	ng/ul	99
10) Acenaphthylene	13.897	152	12956	0.420	ng/ul	99
11) Acenaphthene	14.239	153	10559	0.414	ng/ul	99
12) Fluorene	15.239	166	10761	0.369	ng/ul	98
15) Phenanthrene	16.978	178	255721m	6.122	ng/ul	
16) Anthracene	17.071	178	46100m	1.351	ng/ul	
19) Fluoranthene	19.013	202	556851m	10.387	ng/ul	
20) Pyrene	19.380	202	409136m	7.373	ng/ul	
21) Benzo(a)anthracene	21.138	228	256317m	6.107	ng/ul	
22) Chrysene	21.191	228	293100m	4.827	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	399894m	7.164	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	138814m	2.041	ng/ul	
26) Benzo(a)pyrene	23.251	252	163307m	3.381	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.552	276	151231m	2.312	ng/ul	
28) Dibenzo(a,h)anthracene	25.549	278	47860m	0.944	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	30711m	0.562	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF9

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:30 2024
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