

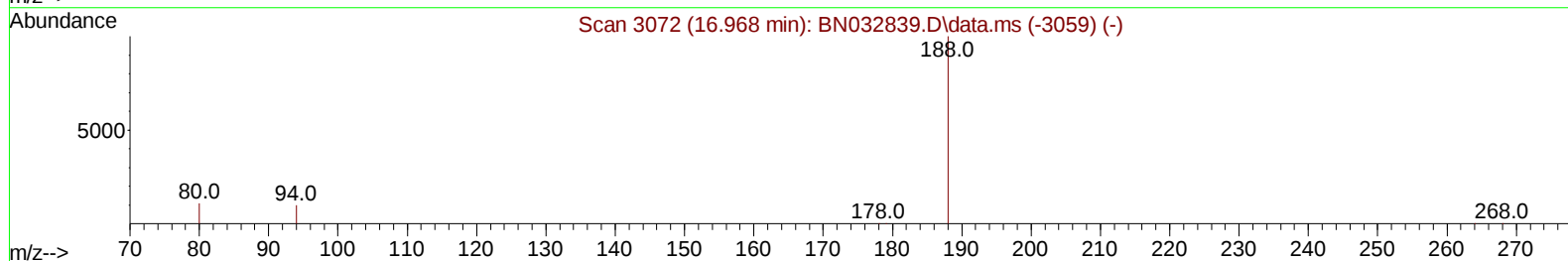
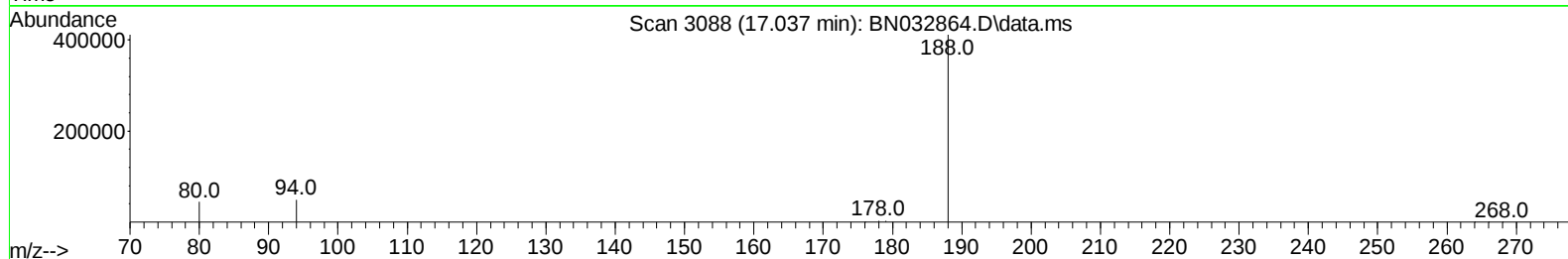
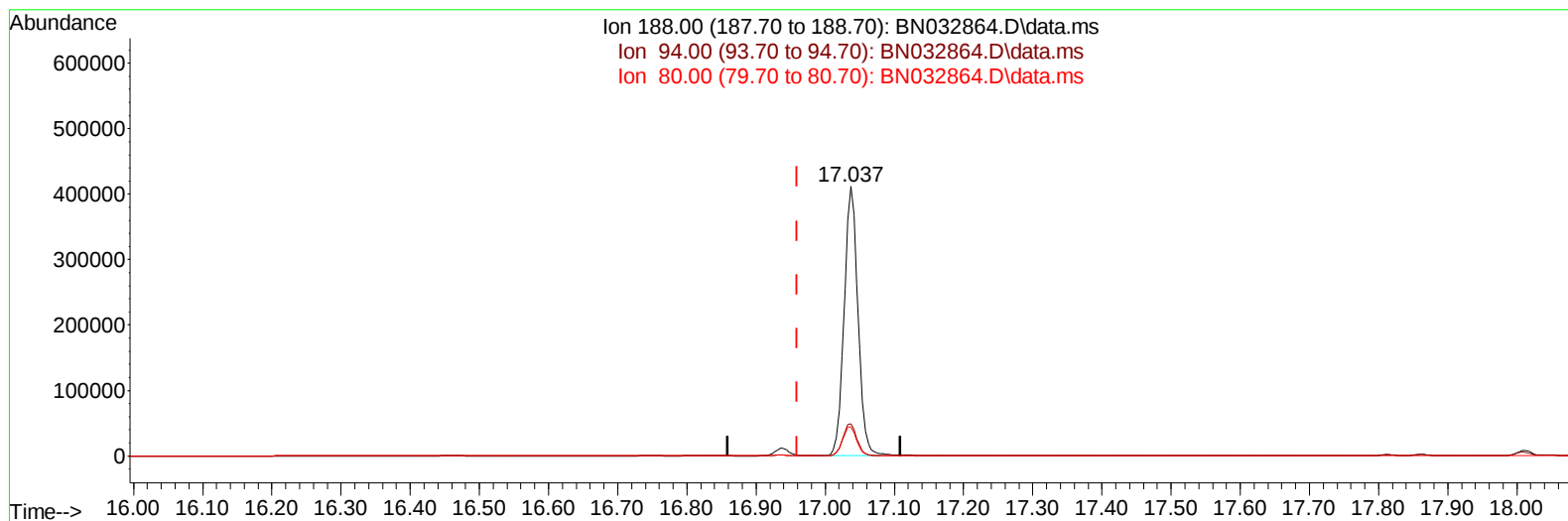
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.078) 0.40 ng/u1

response 568406

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.94
80.00	12.00	10.71
0.00	0.00	0.00

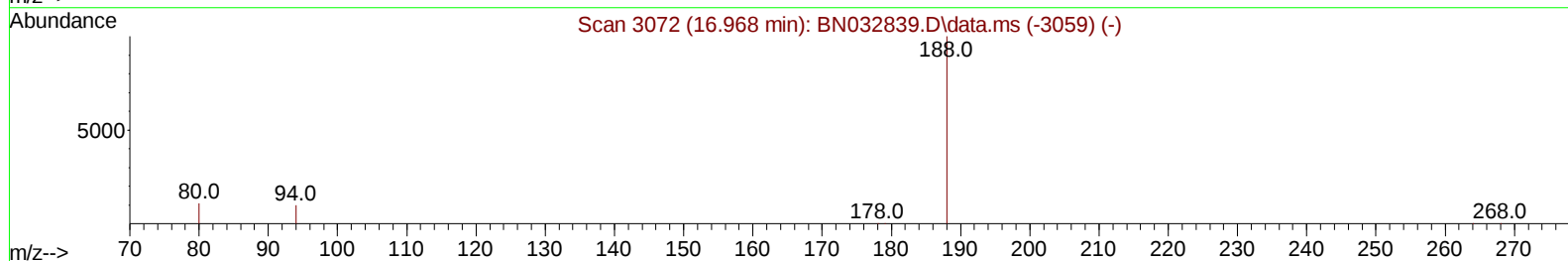
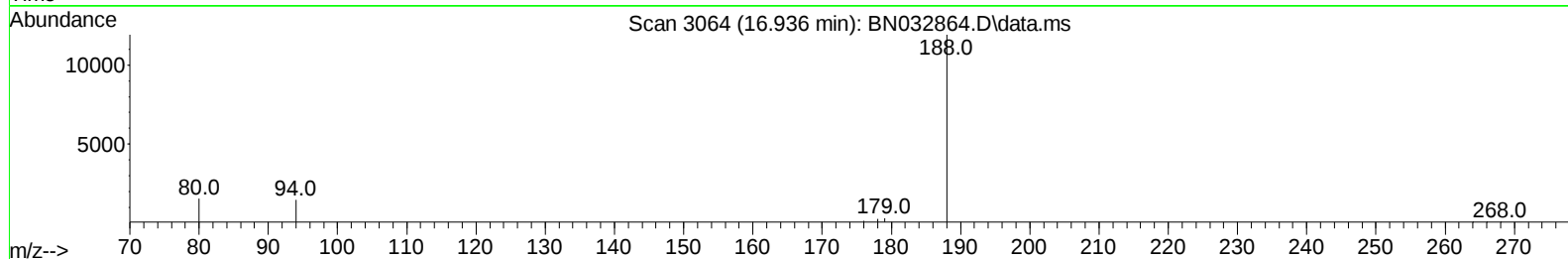
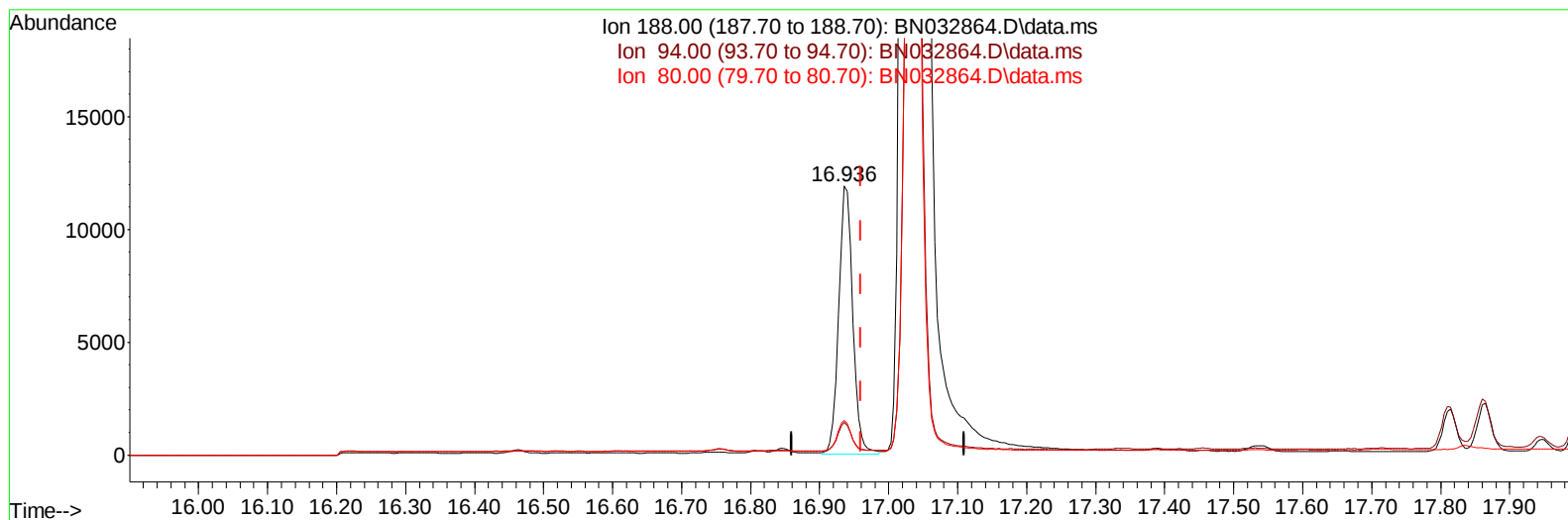
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(13) Phenanthrene-d10 (I)

16.936min (-0.024) 0.40 ng/u1 m

response 16762

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.21
80.00	12.00	12.88
0.00	0.00	0.00

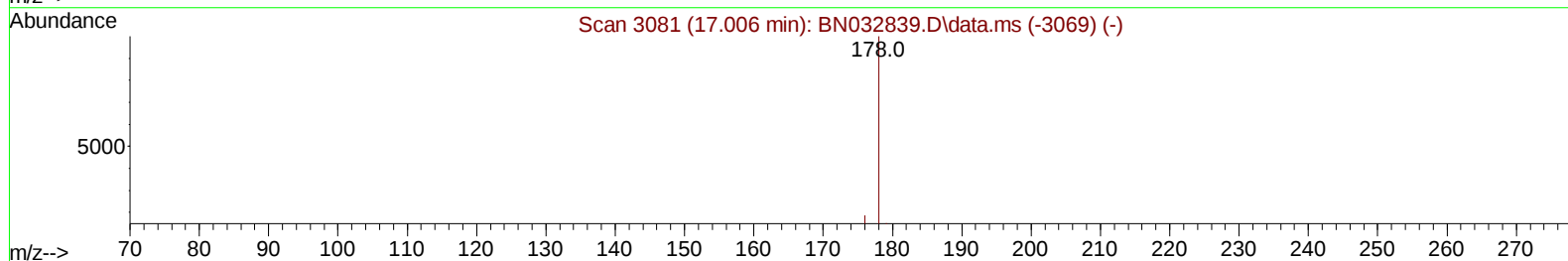
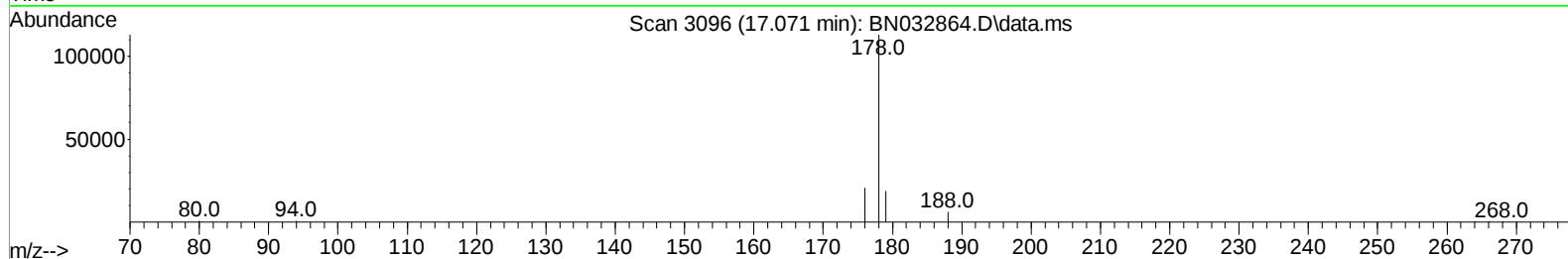
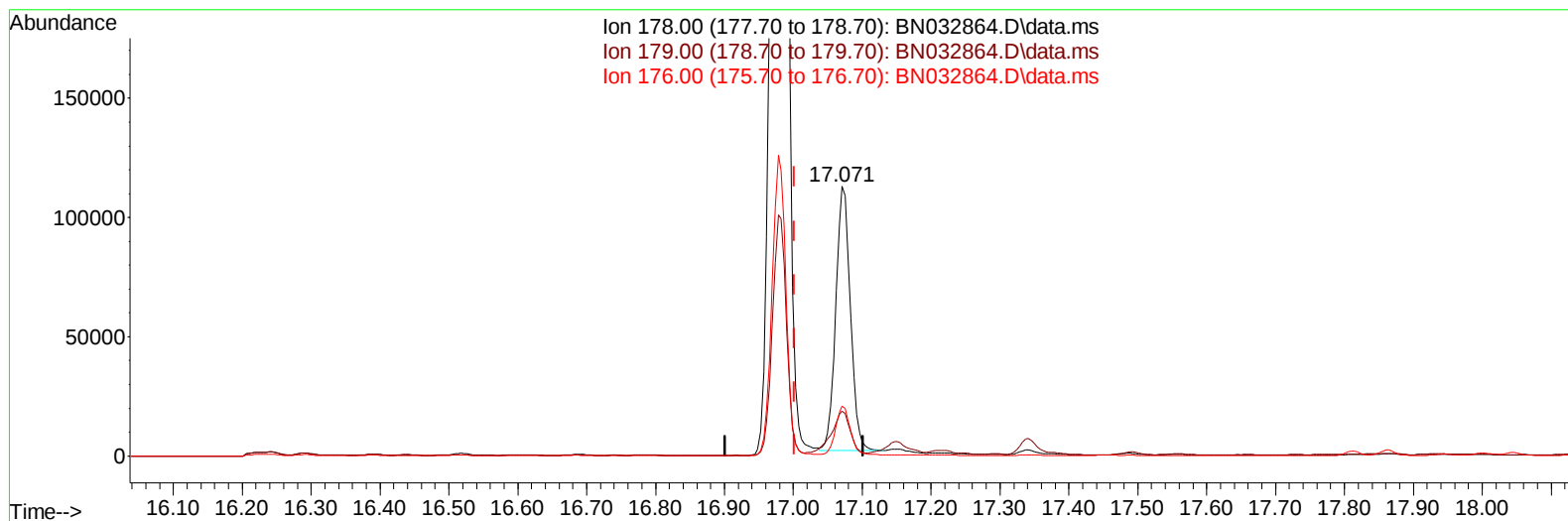
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(15) Phenanthrene

17.071min (+ 0.069) 3.58 ng/u1

response 163654

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.72
176.00	19.50	18.46
0.00	0.00	0.00

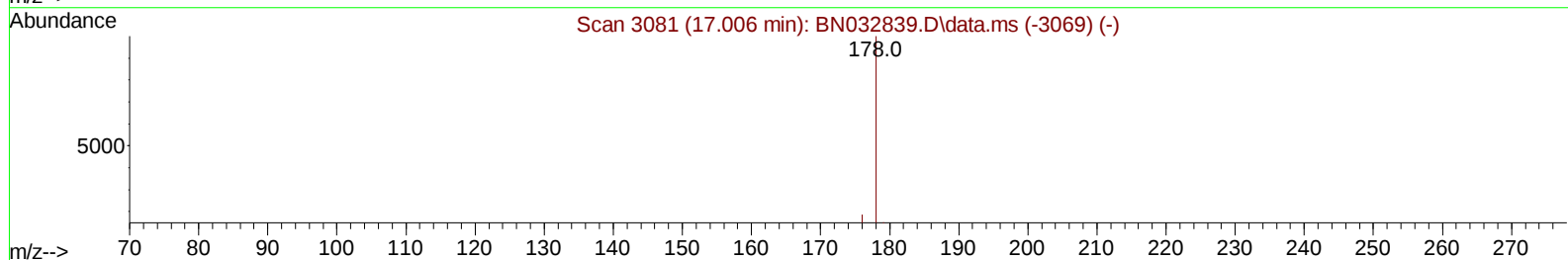
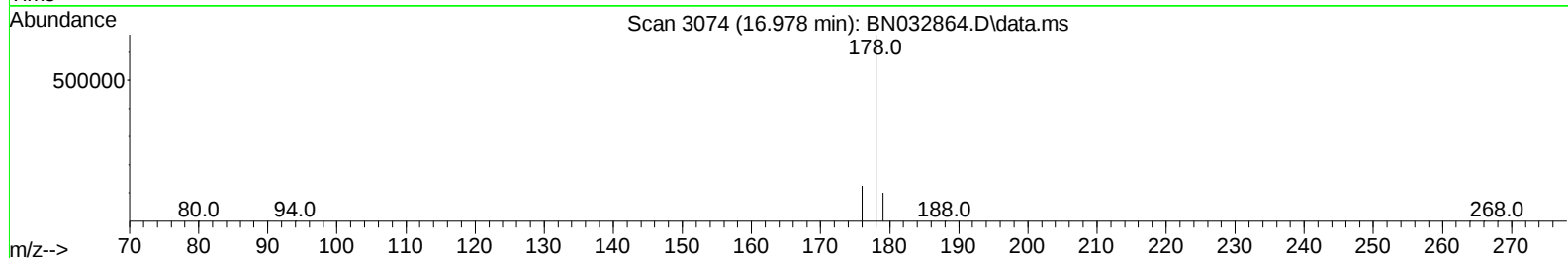
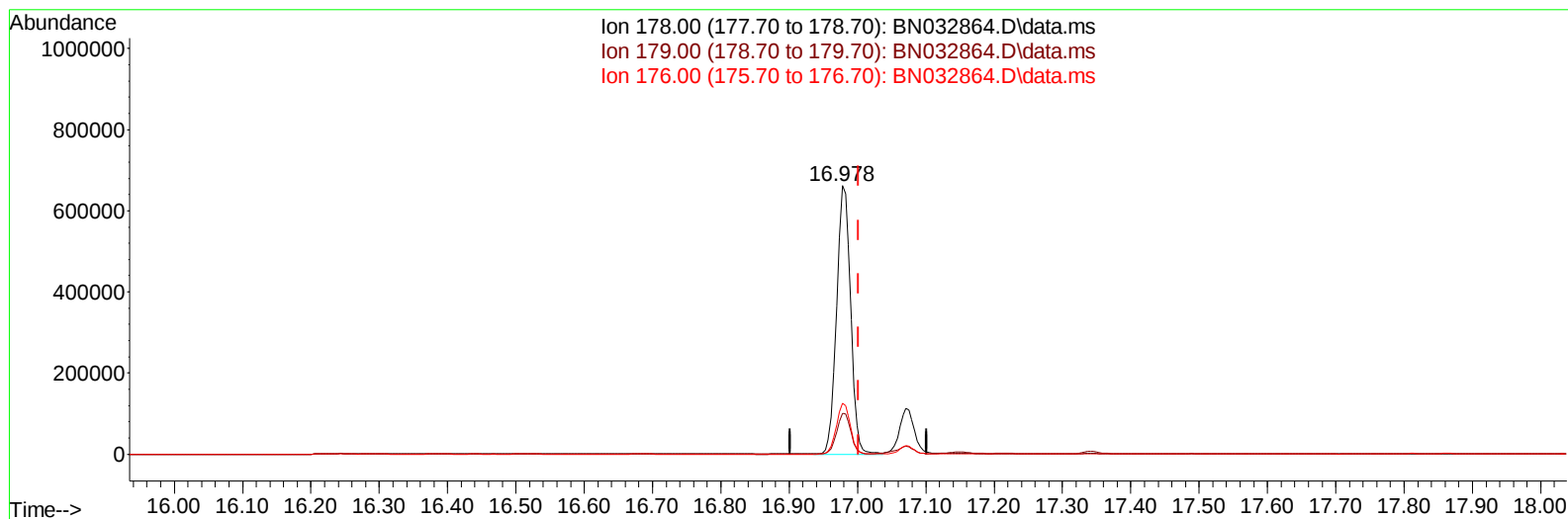
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(15) Phenanthrene

16.978min (-0.024) 20.54 ng/ul m

response 937587

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.28
176.00	19.50	19.09
0.00	0.00	0.00

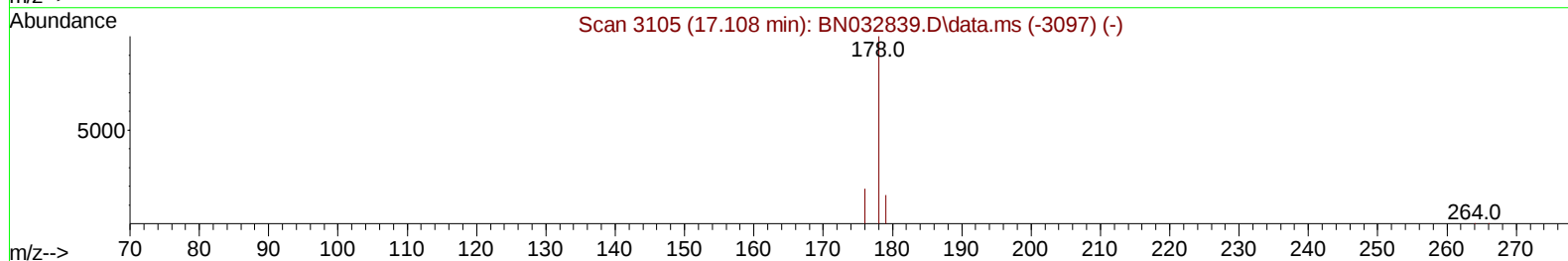
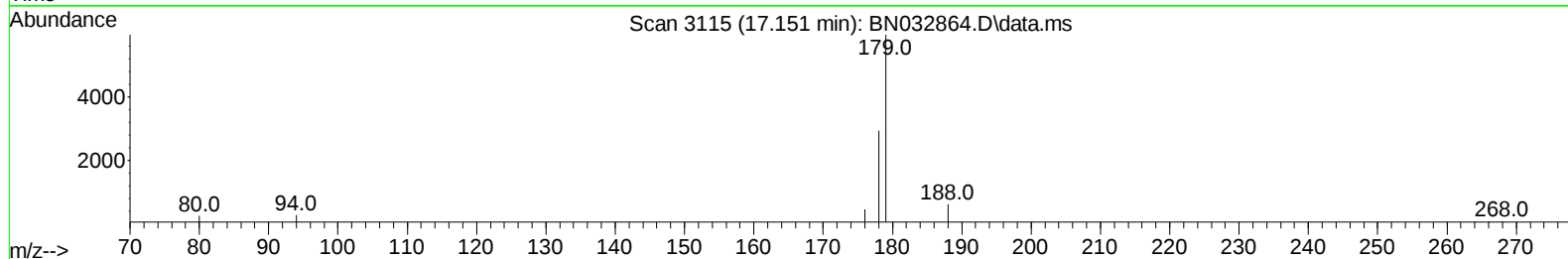
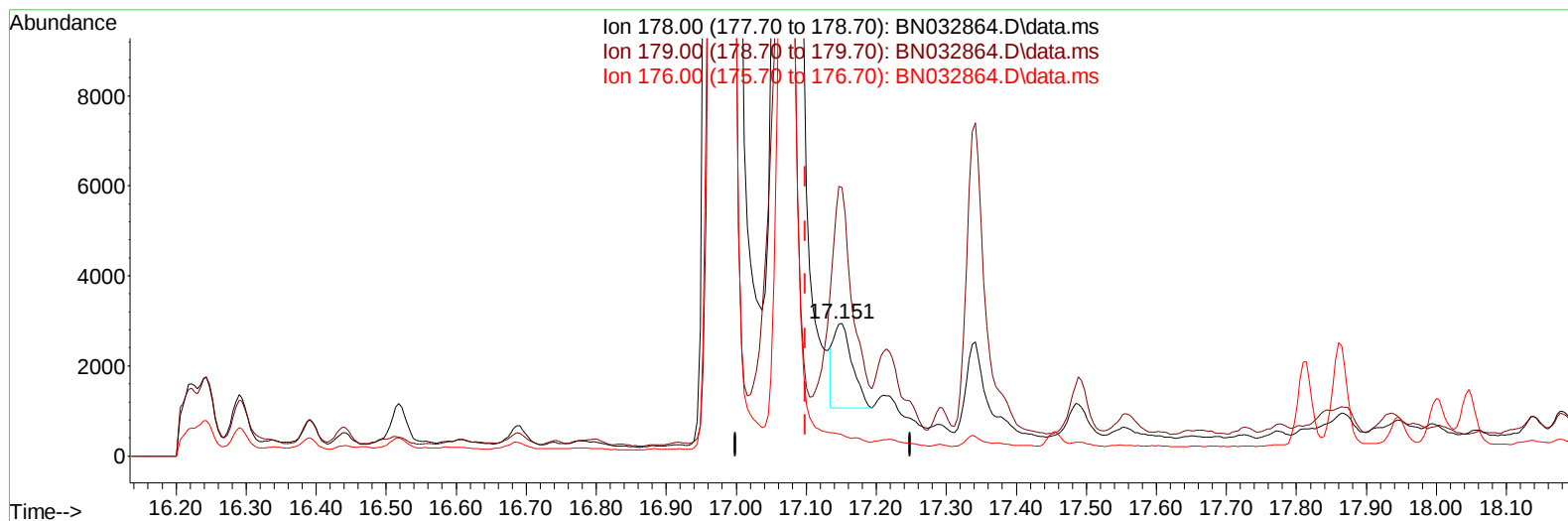
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(16) Anthracene

17.151min (+ 0.052) 0.09 ng/u1

response 3468

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	202.48#
176.00	19.20	16.10
0.00	0.00	0.00

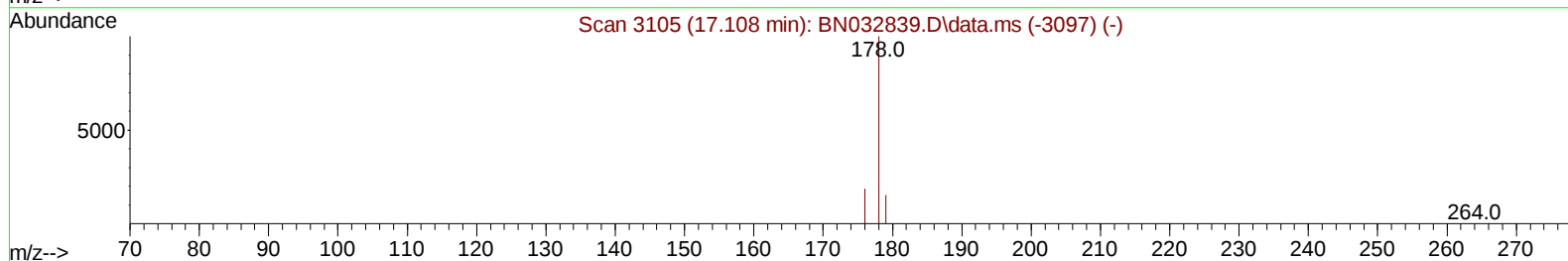
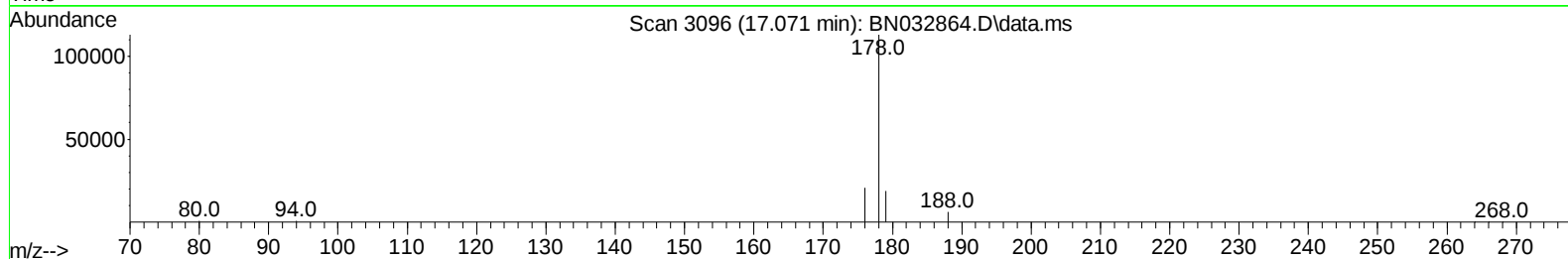
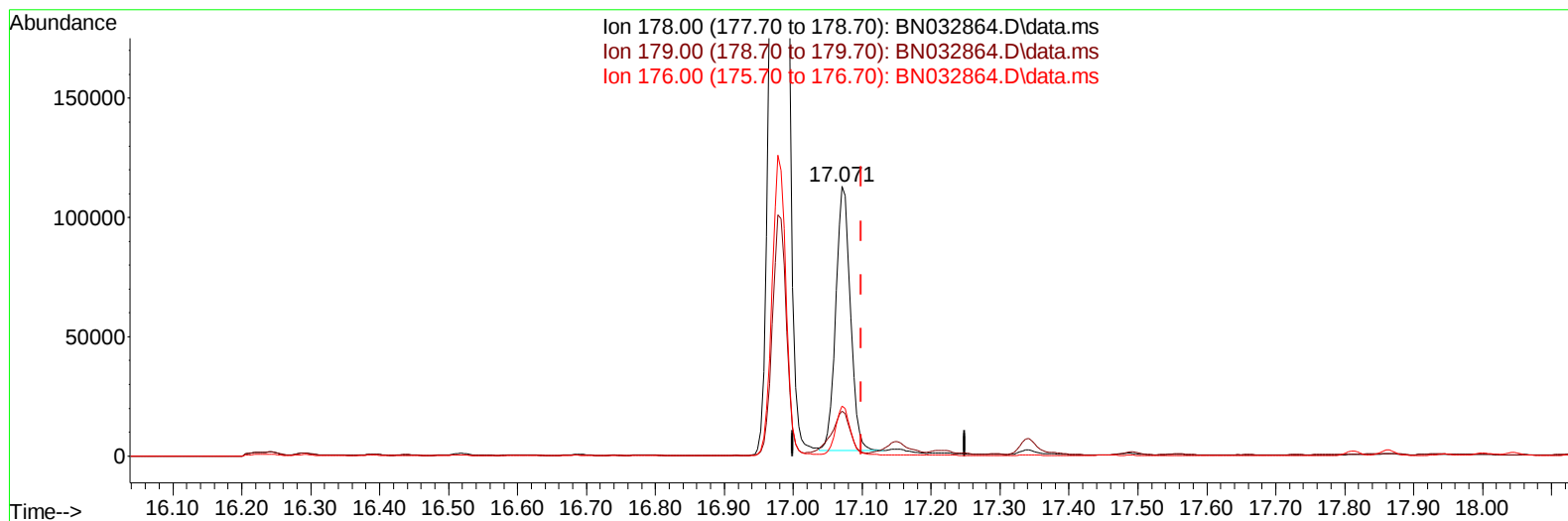
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032864.D\data.ms

(16) Anthracene

17.071min (-0.028) 4.40 ng/ul m

response 164100

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.72
176.00	19.20	18.46
0.00	0.00	0.00

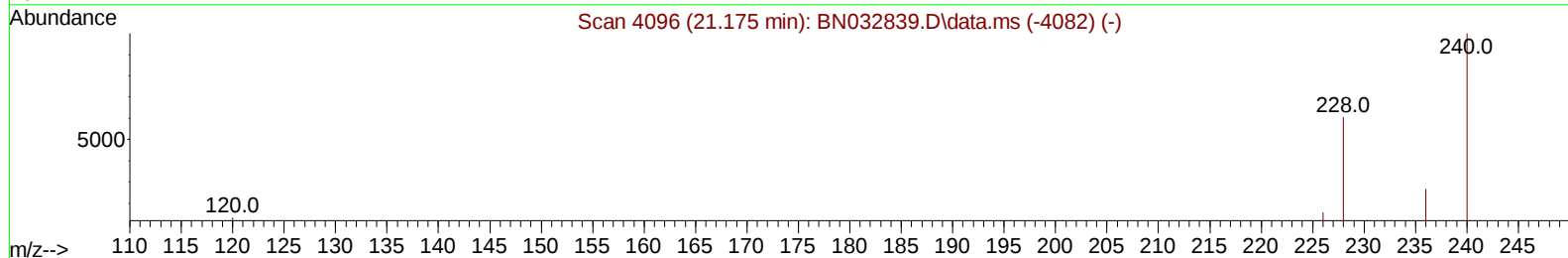
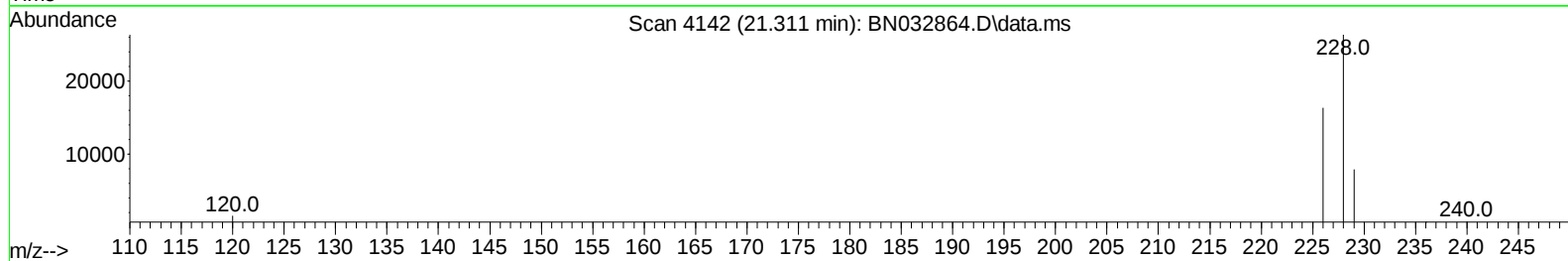
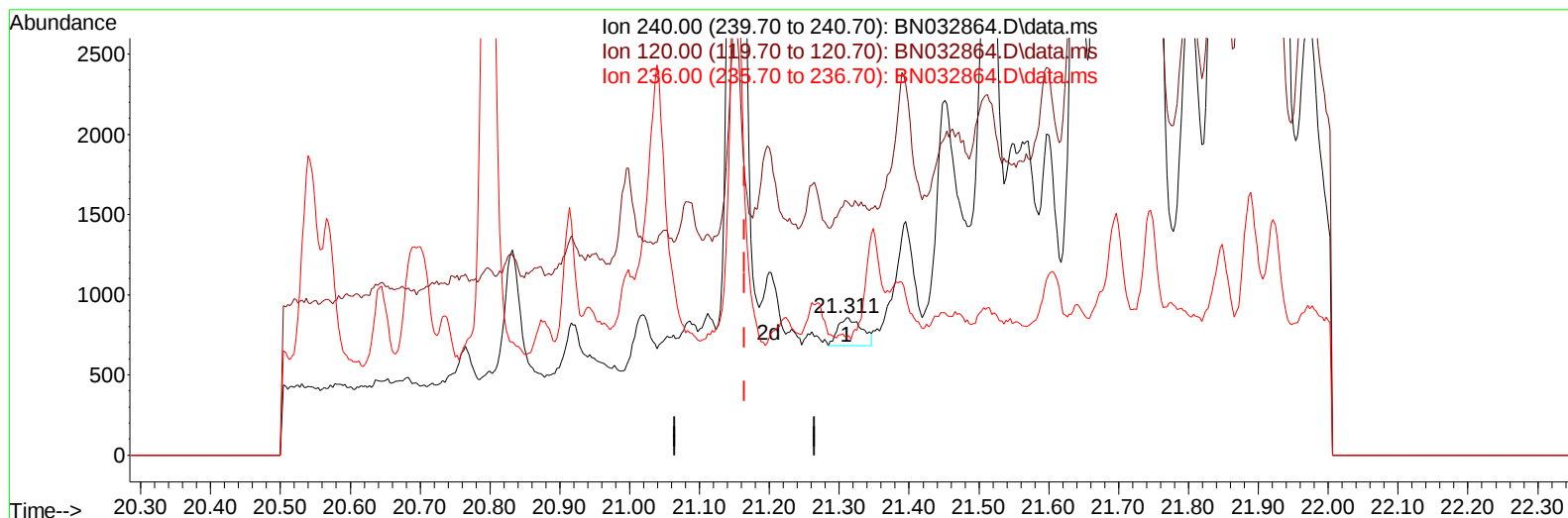
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032864.D\data.ms

(17) Chrysene-d12

21.311min (+ 0.146) 0.40 ng/u1

response 423

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	184.71#
236.00	28.40	86.11#
0.00	0.00	0.00

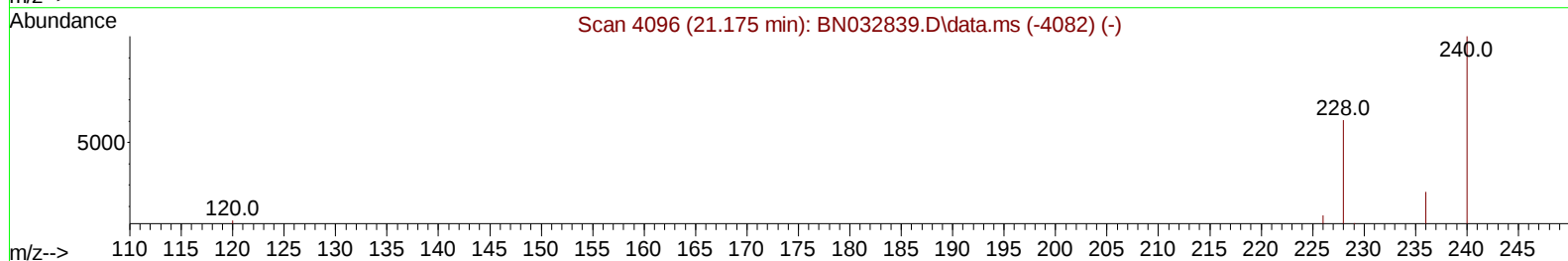
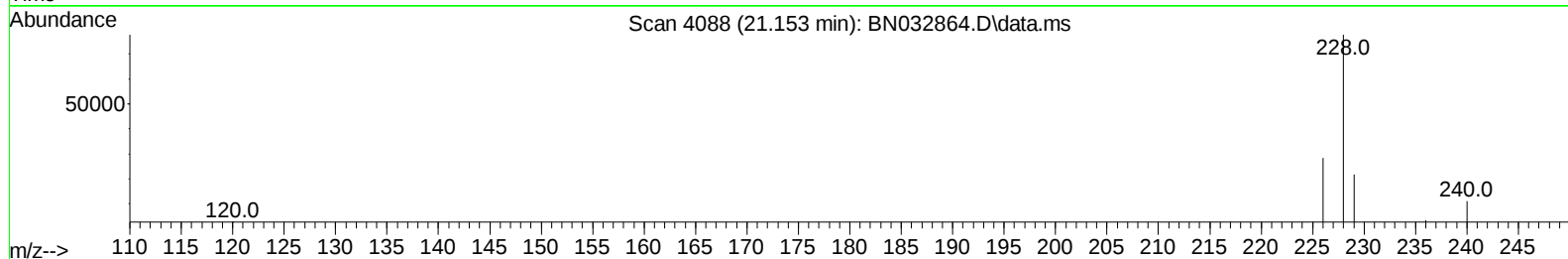
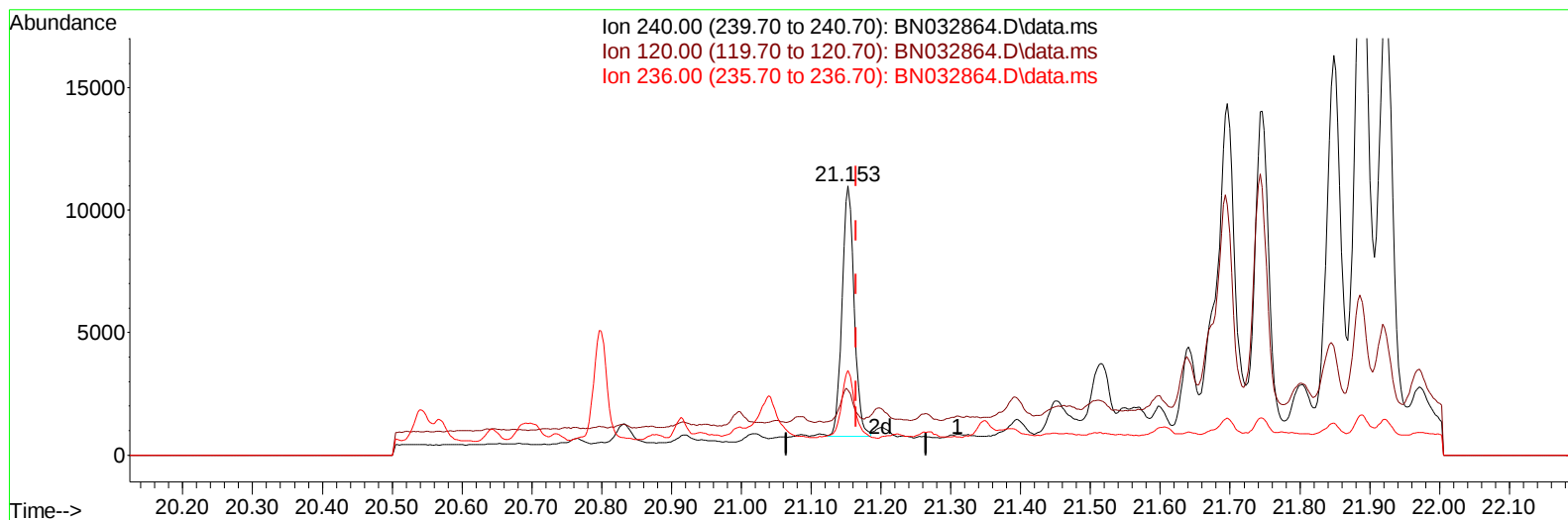
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(17) Chrysene-d12

21.153min (-0.012) 0.40 ng/ul m

response 12249

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	24.24#
236.00	28.40	31.61
0.00	0.00	0.00

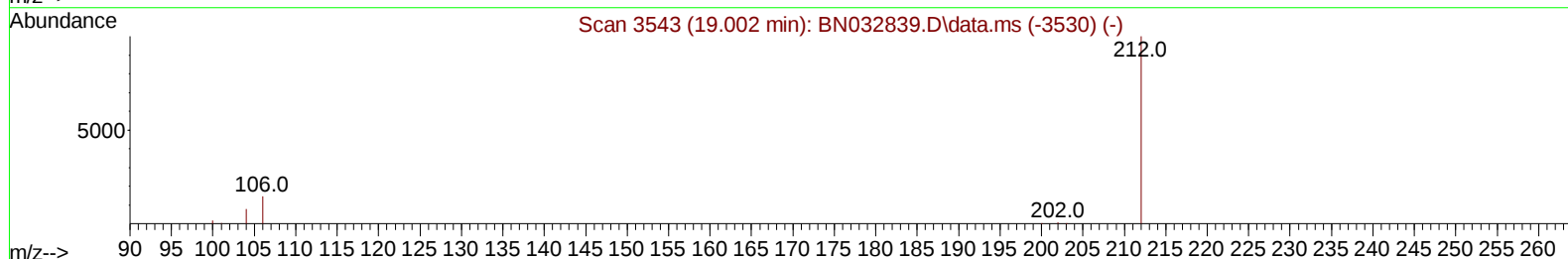
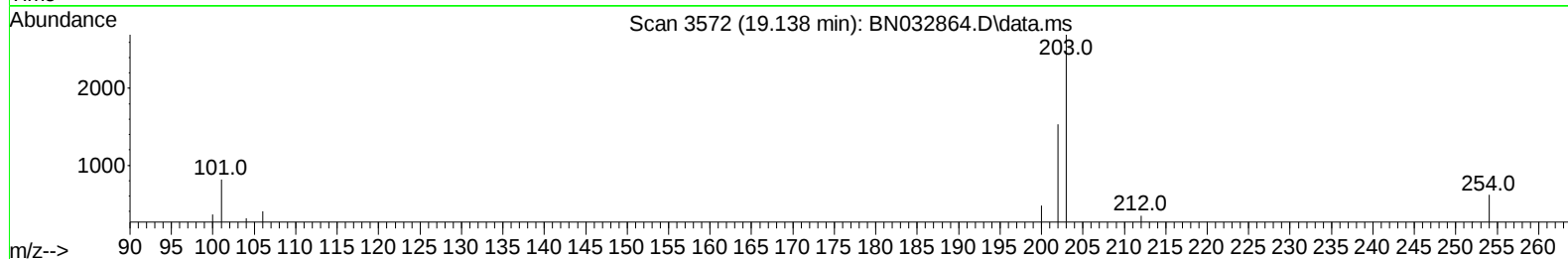
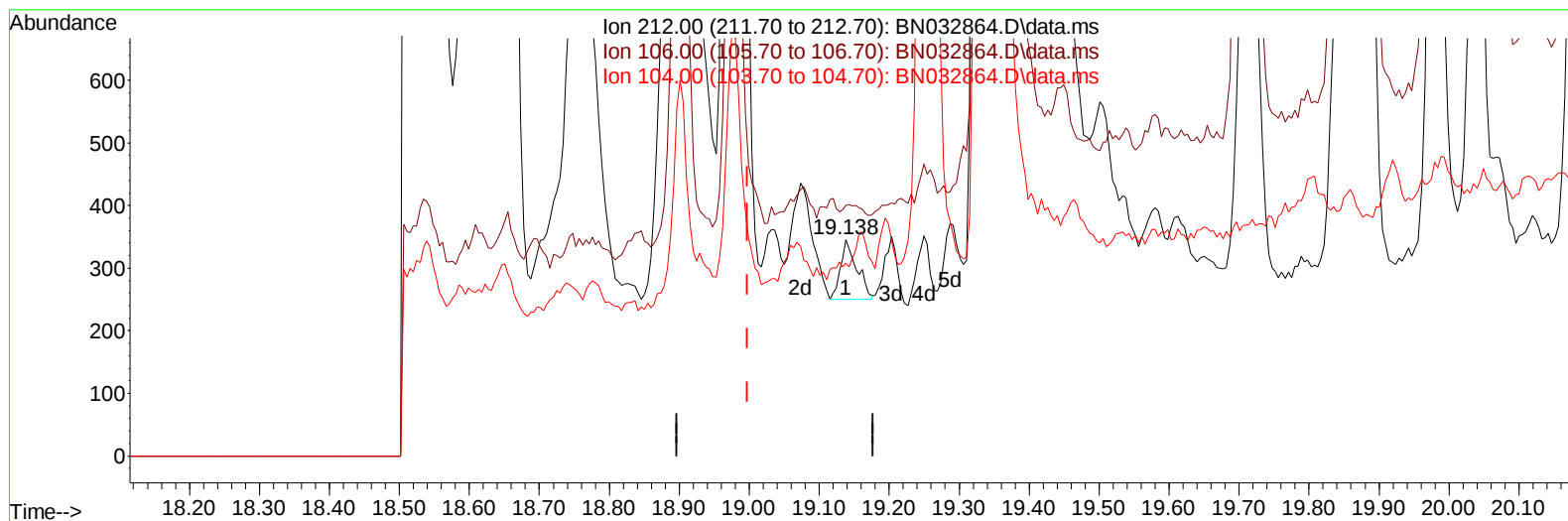
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.141) 0.00 ng/u1

response 155

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	17.42
104.00	9.00	0.00#
0.00	0.00	0.00

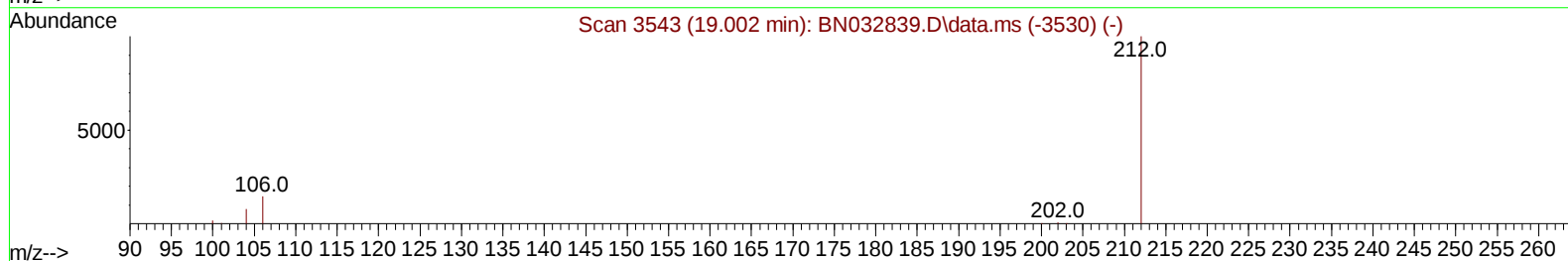
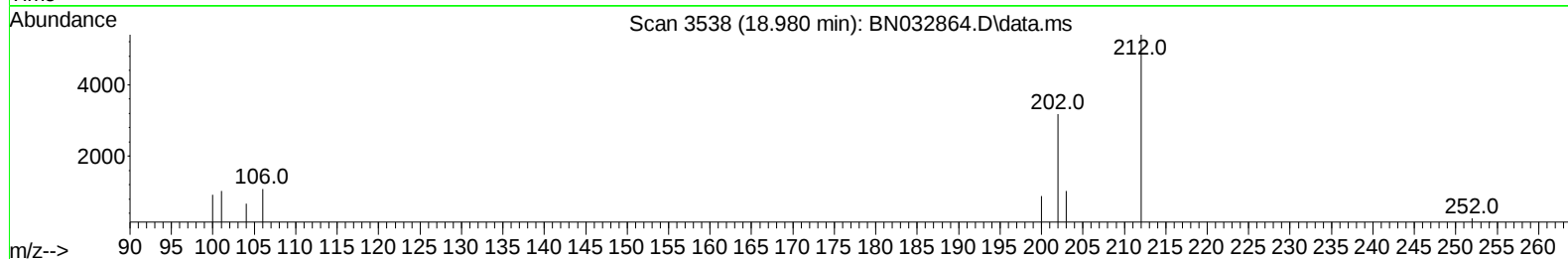
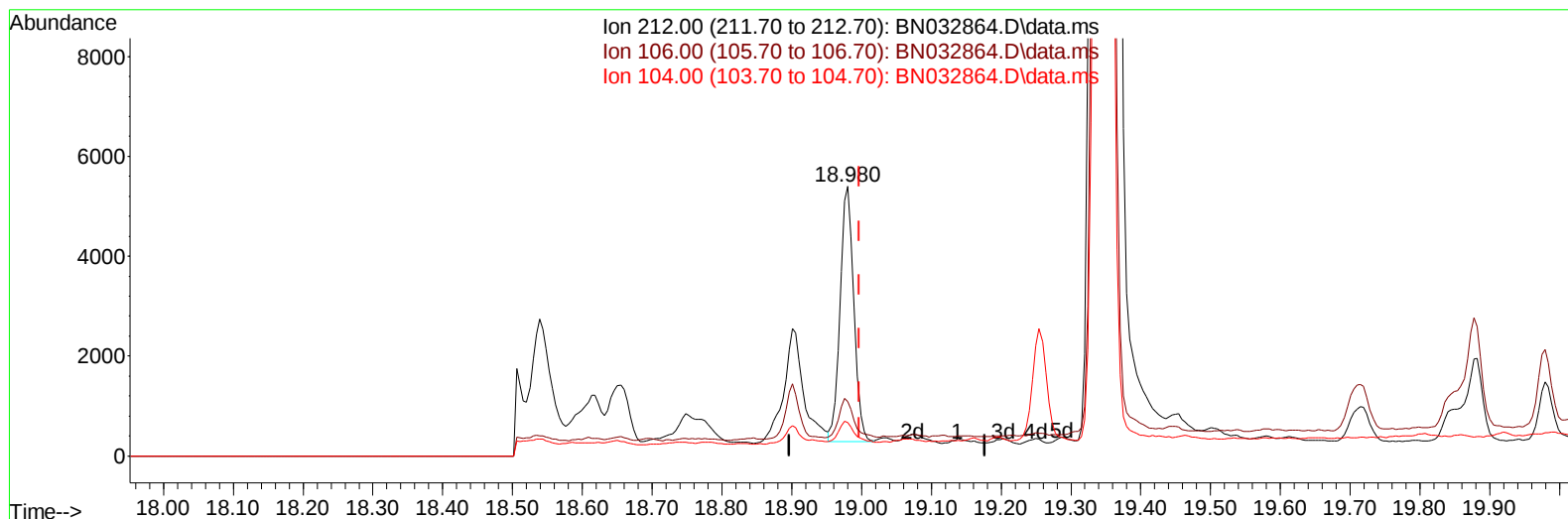
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 2024
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TIC: BN032864.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.980min (-0.017) 0.18 ng/u1 m

response 7024

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.38#
104.00	9.00	0.00#
0.00	0.00	0.00

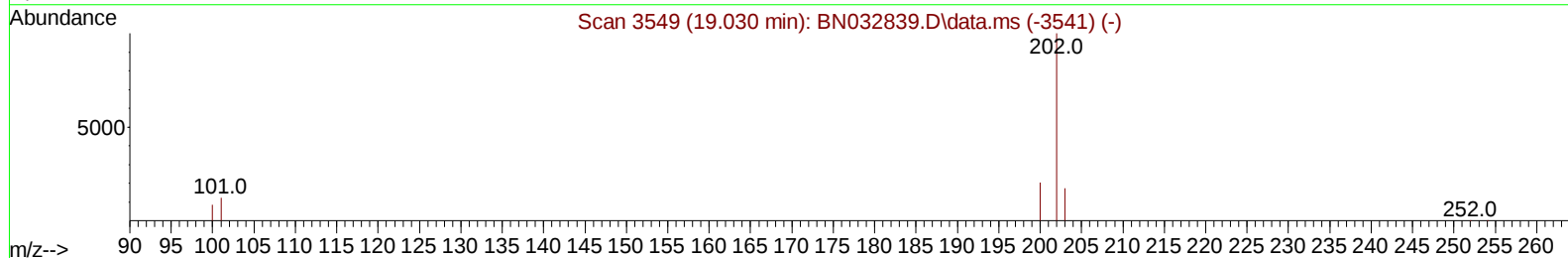
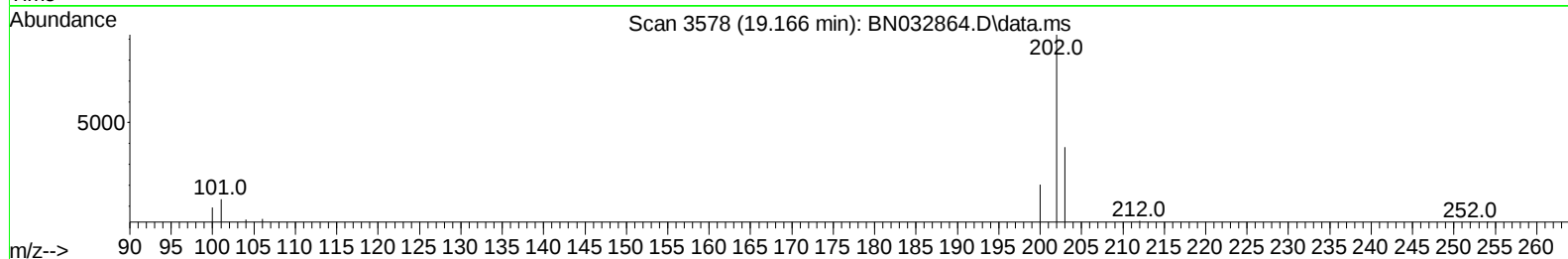
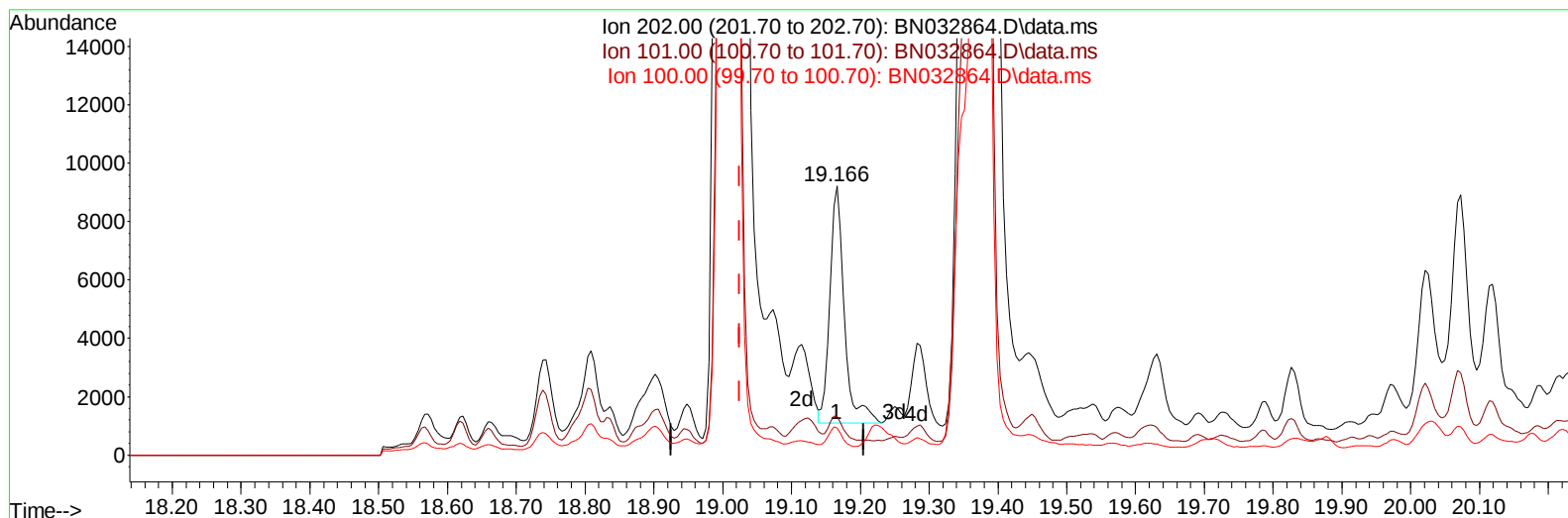
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032864.D
 Acq On : 20 Jul 2024 05:38
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(19) Fluoranthene (C)

19.166min (+ 0.141) 0.24 ng/u1

response 12009

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.30
100.00	9.90	10.12
0.00	0.00	0.00

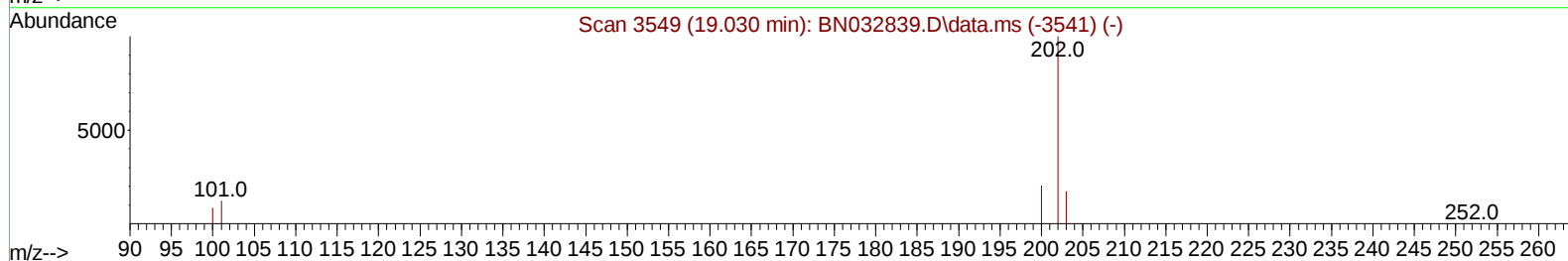
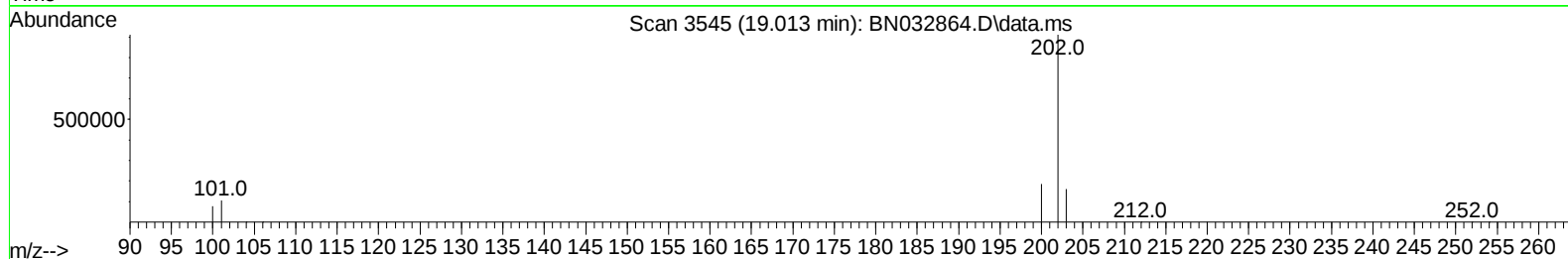
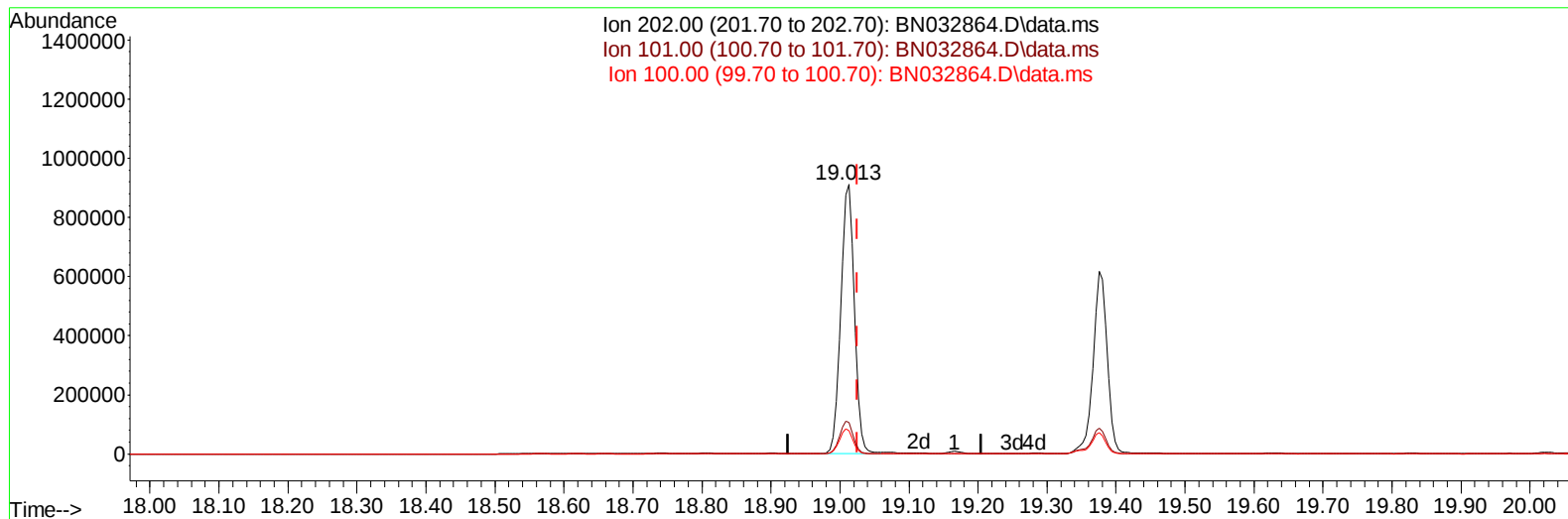
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/22/2024



TIC: BN032864.D\data.ms

(19) Fluoranthene (C)

19.013min (-0.012) 25.23 ng/ul m

response 1256536

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.65
100.00	9.90	8.67
0.00	0.00	0.00

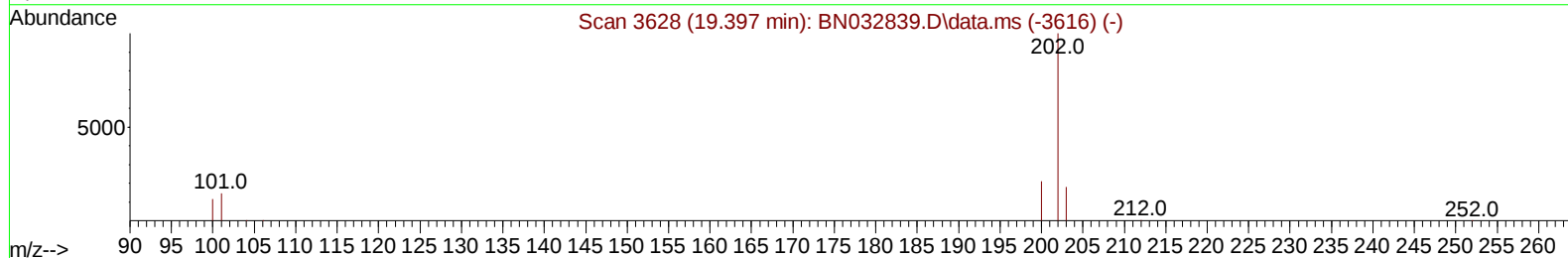
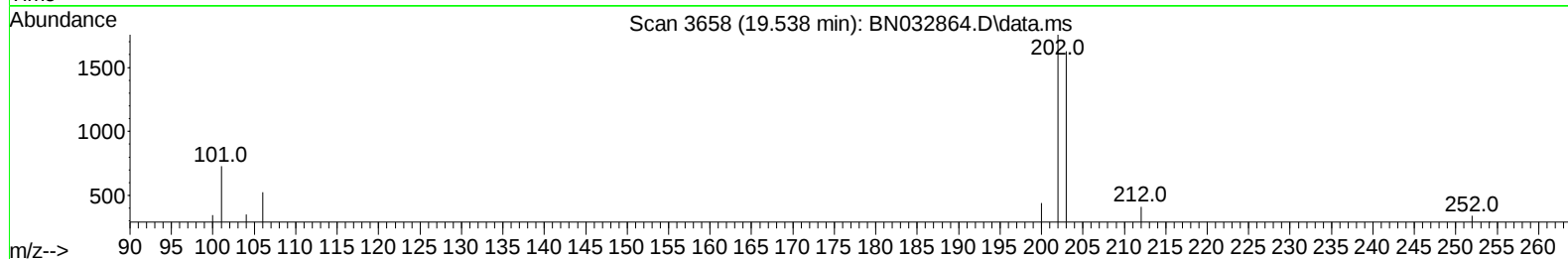
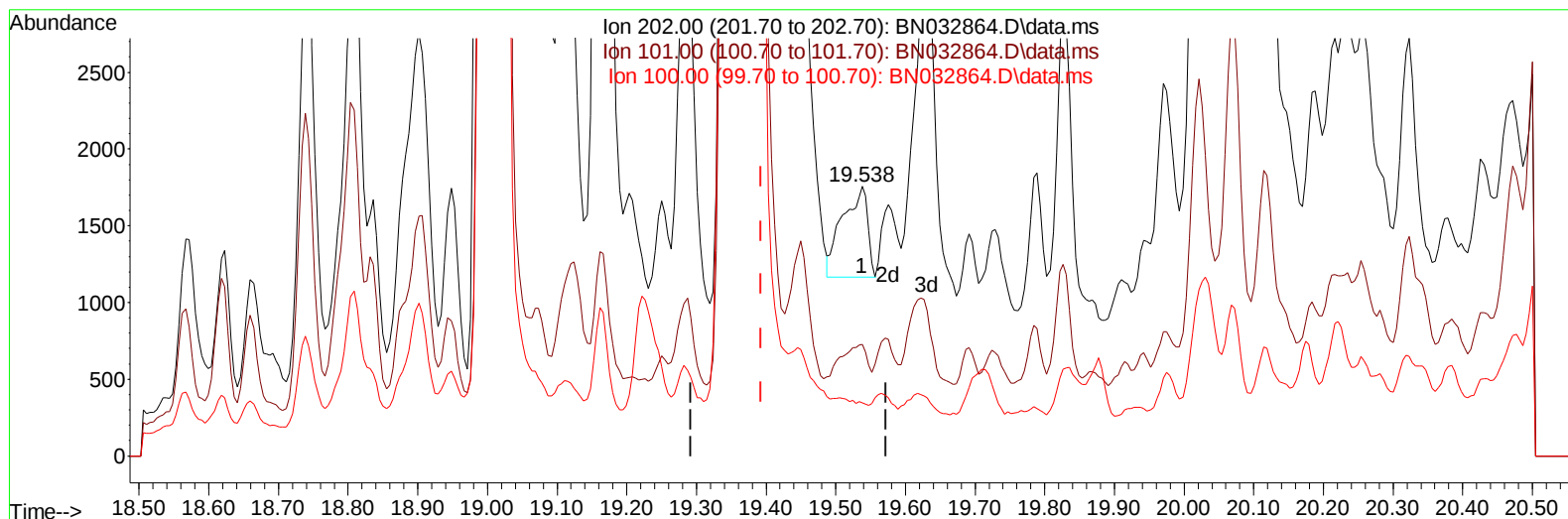
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(20) Pyrene

19.538min (+ 0.146) 0.03 ng/u1

response 1473

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	41.40#
100.00	12.00	19.76#
0.00	0.00	0.00

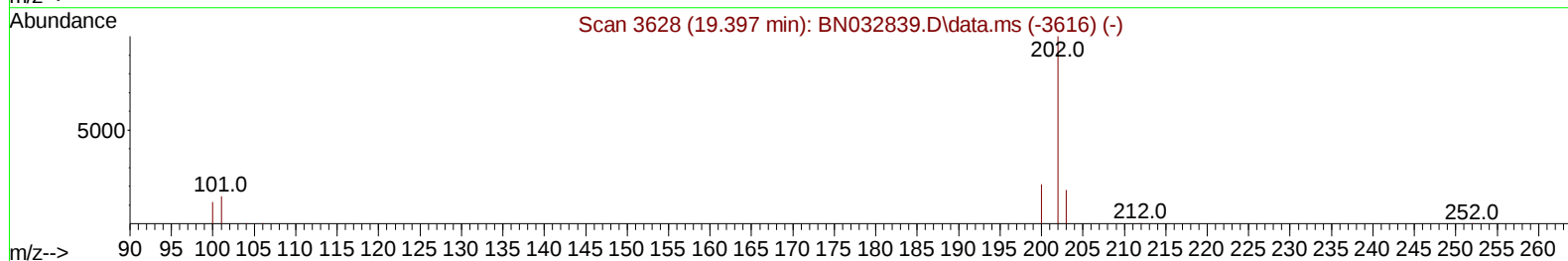
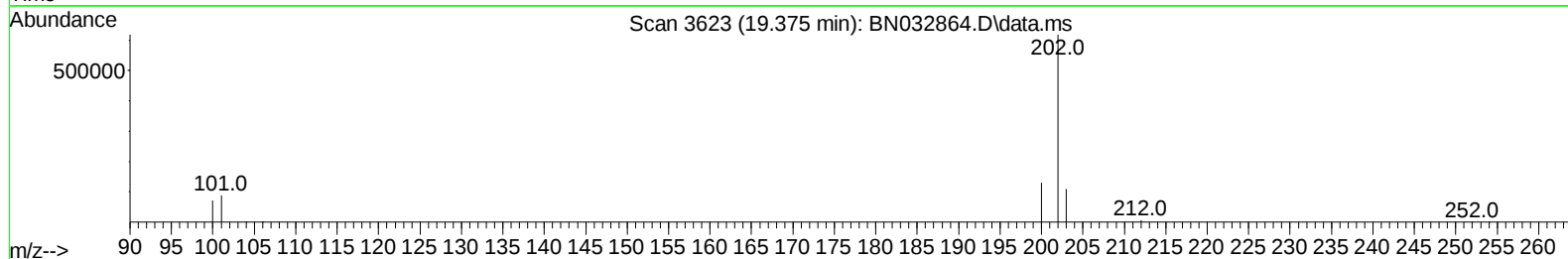
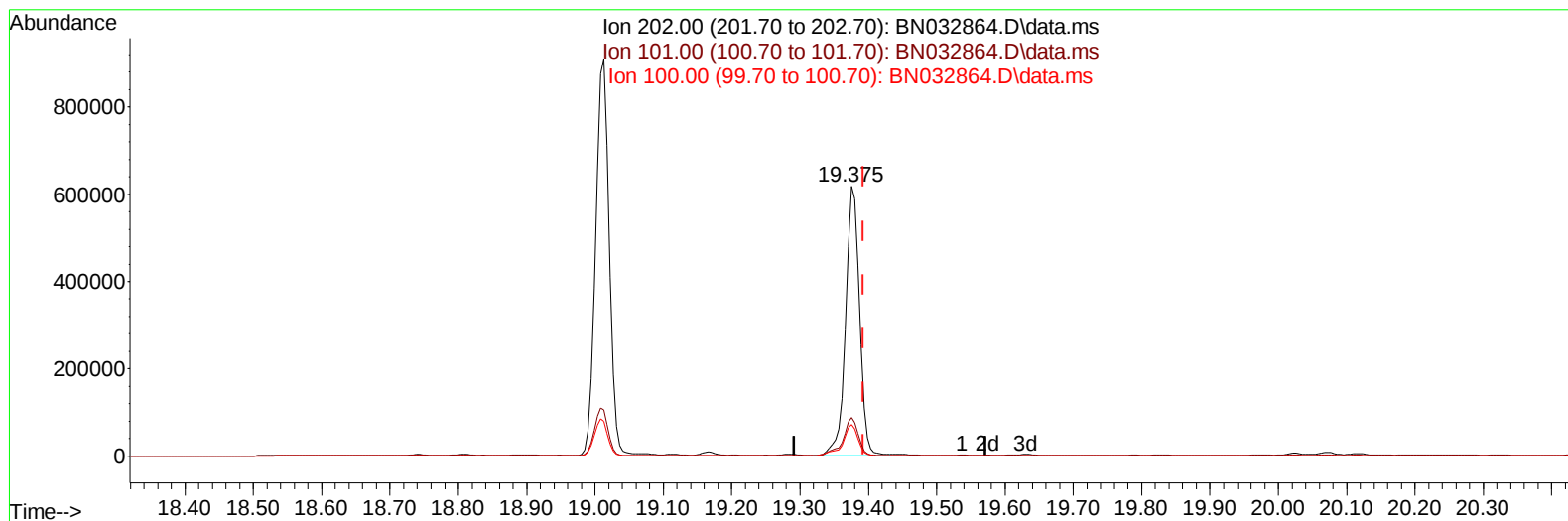
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(20) Pyrene

19.375min (-0.017) 16.99 ng/ul m

response 875728

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.28
100.00	12.00	11.71
0.00	0.00	0.00

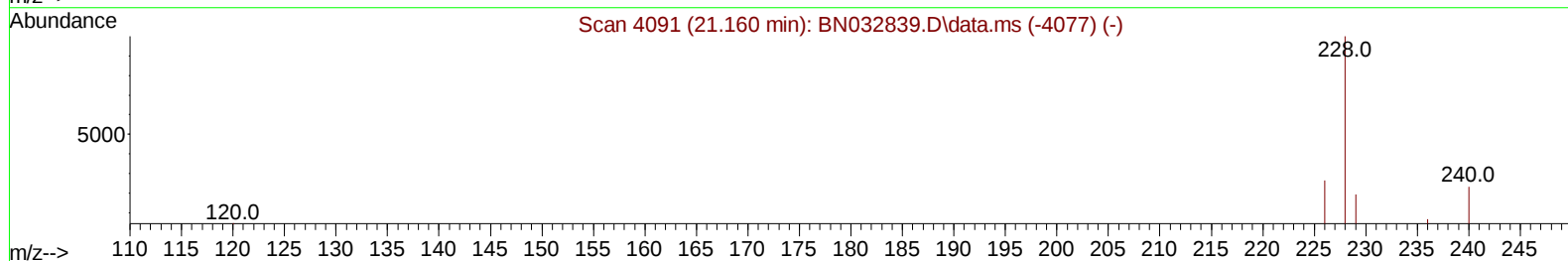
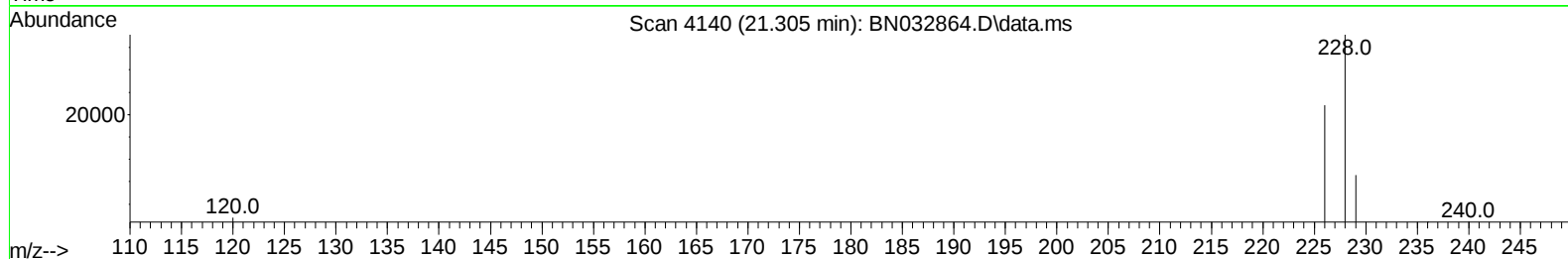
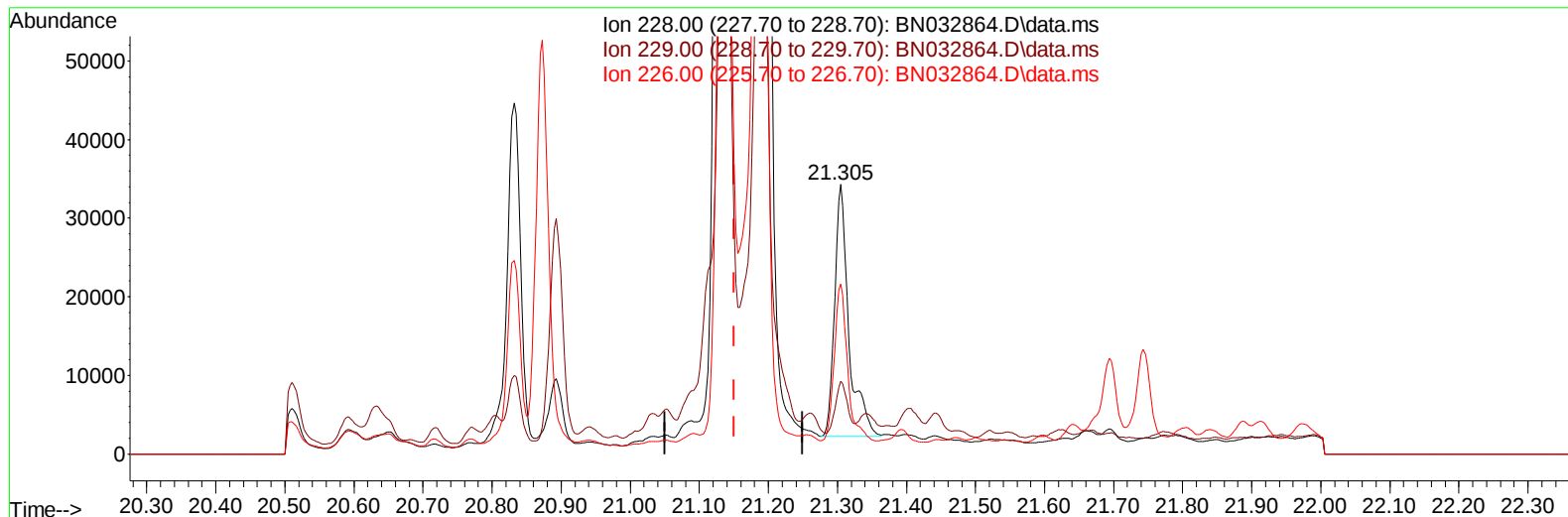
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(21) Benzo(a)anthracene

21.305min (+ 0.155) 1.18 ng/u1

response 45915

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	26.90#
226.00	27.40	63.16#
0.00	0.00	0.00

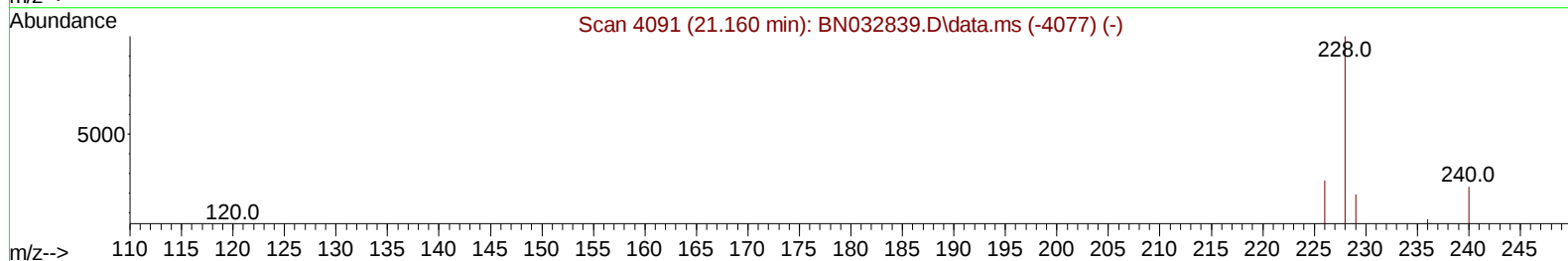
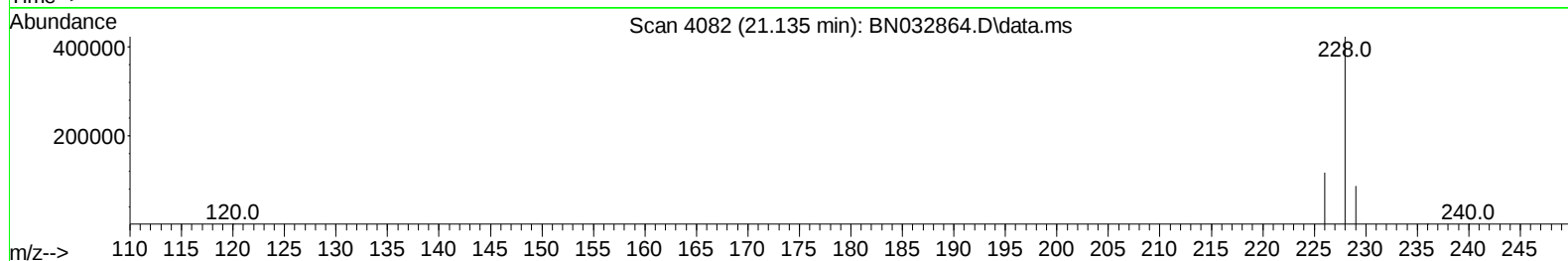
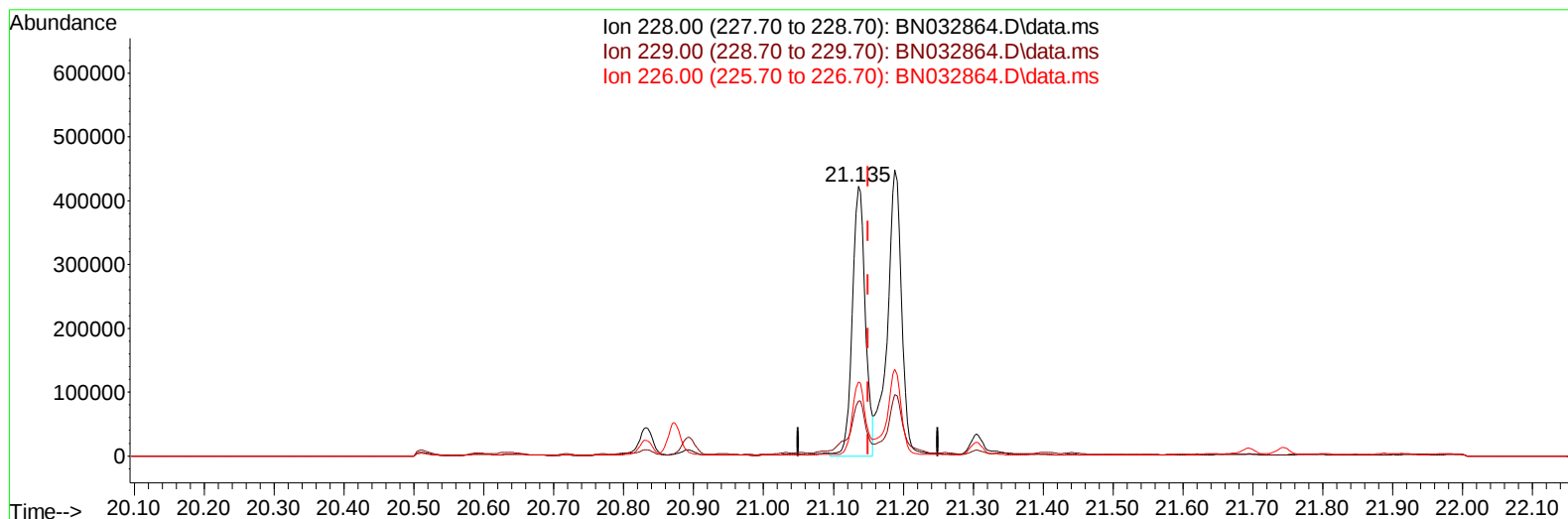
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(21) Benzo(a)anthracene

21.135min (-0.015) 14.03 ng/ul m

response 547136

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.47
226.00	27.40	27.54
0.00	0.00	0.00

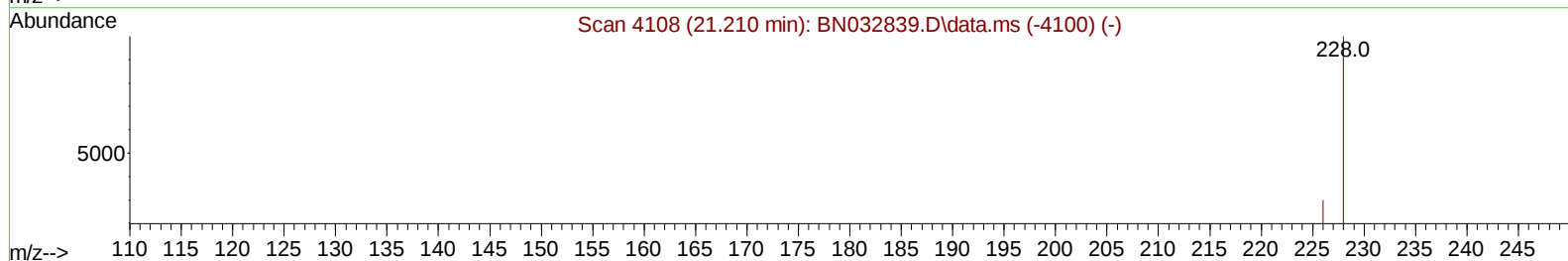
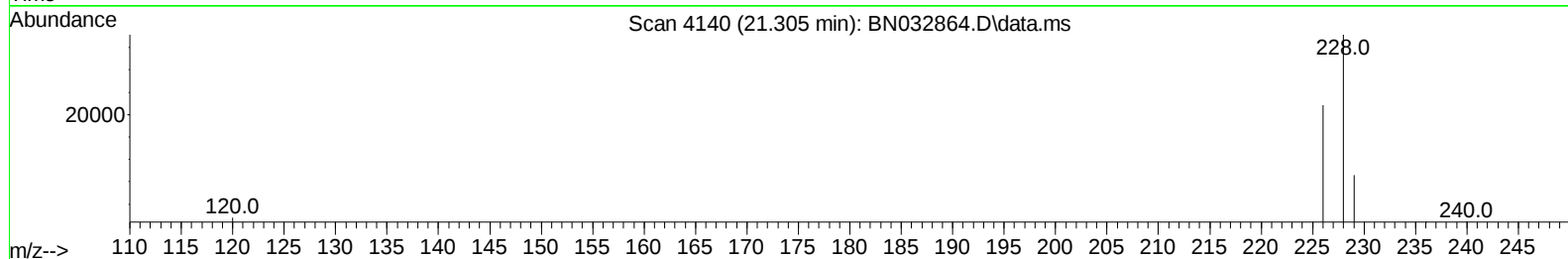
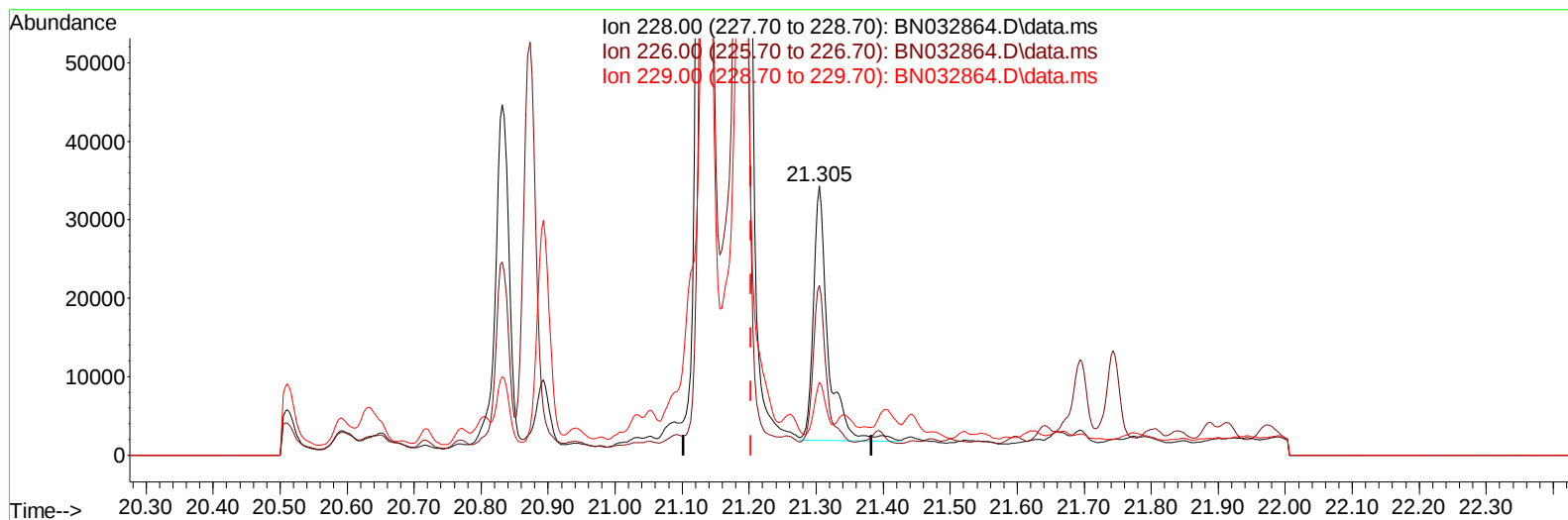
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(22) Chrysene

21.305min (+ 0.102) 0.88 ng/u1

response 49782

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	63.16#
229.00	19.70	26.90#
0.00	0.00	0.00

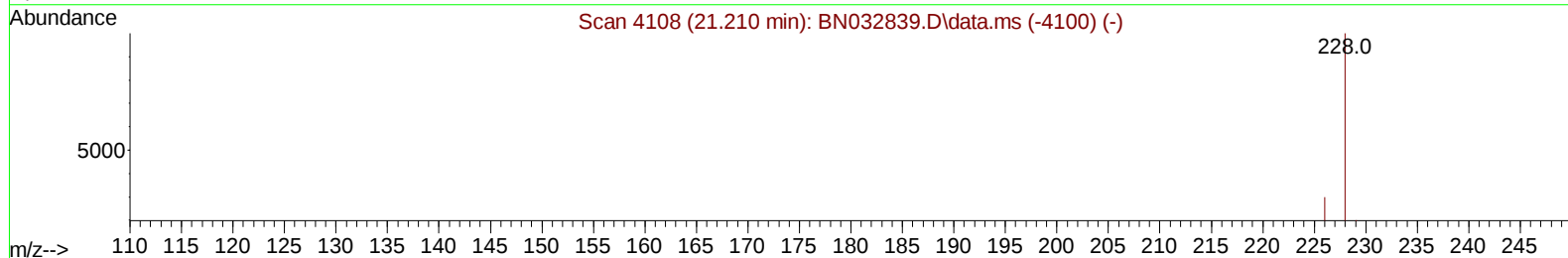
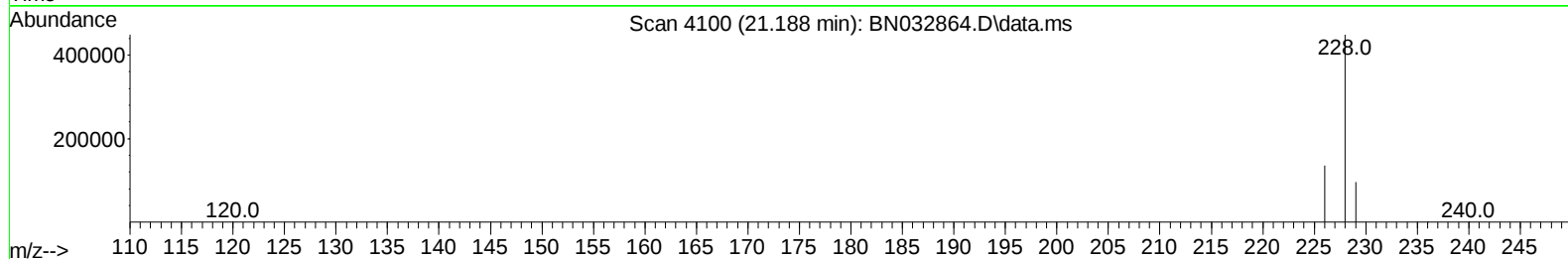
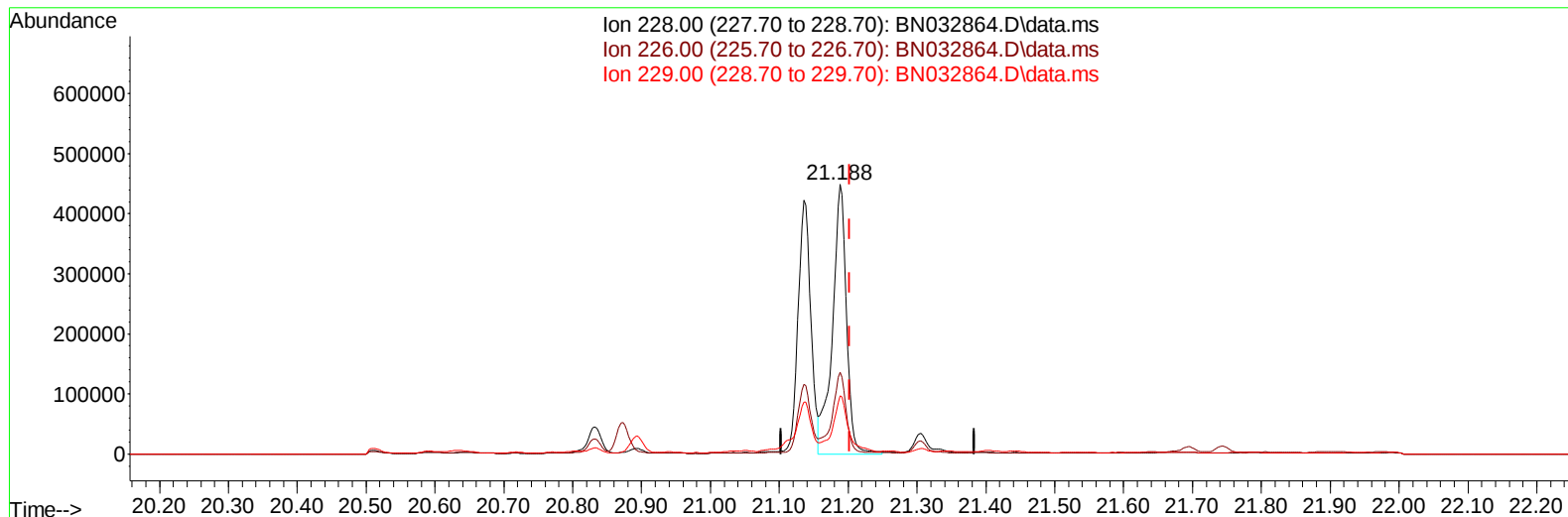
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(22) Chrysene

21.188min (-0.015) 11.40 ng/ul m

response 642803

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.36
229.00	19.70	21.50
0.00	0.00	0.00

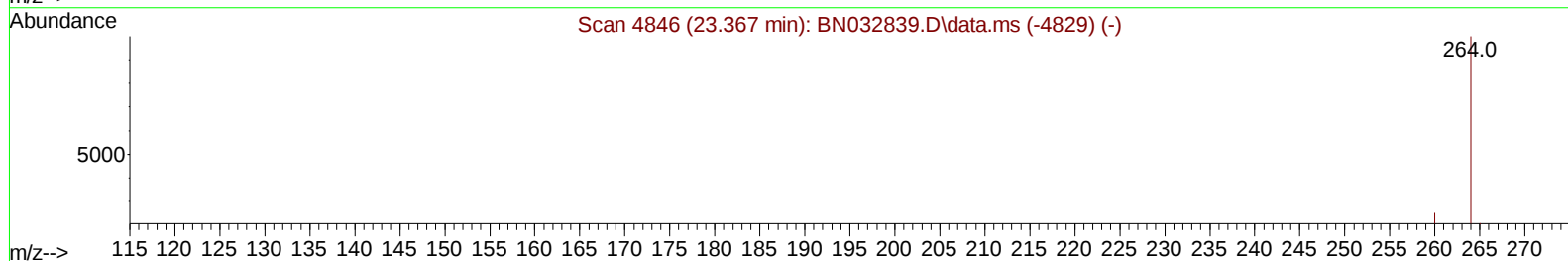
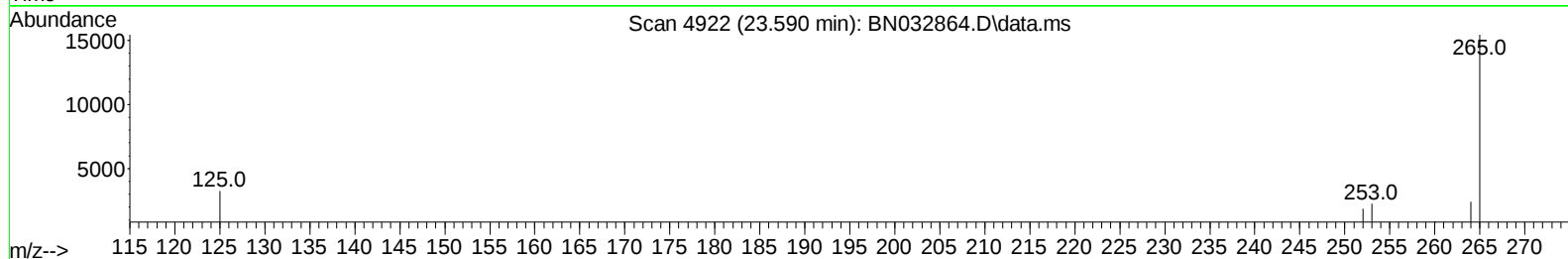
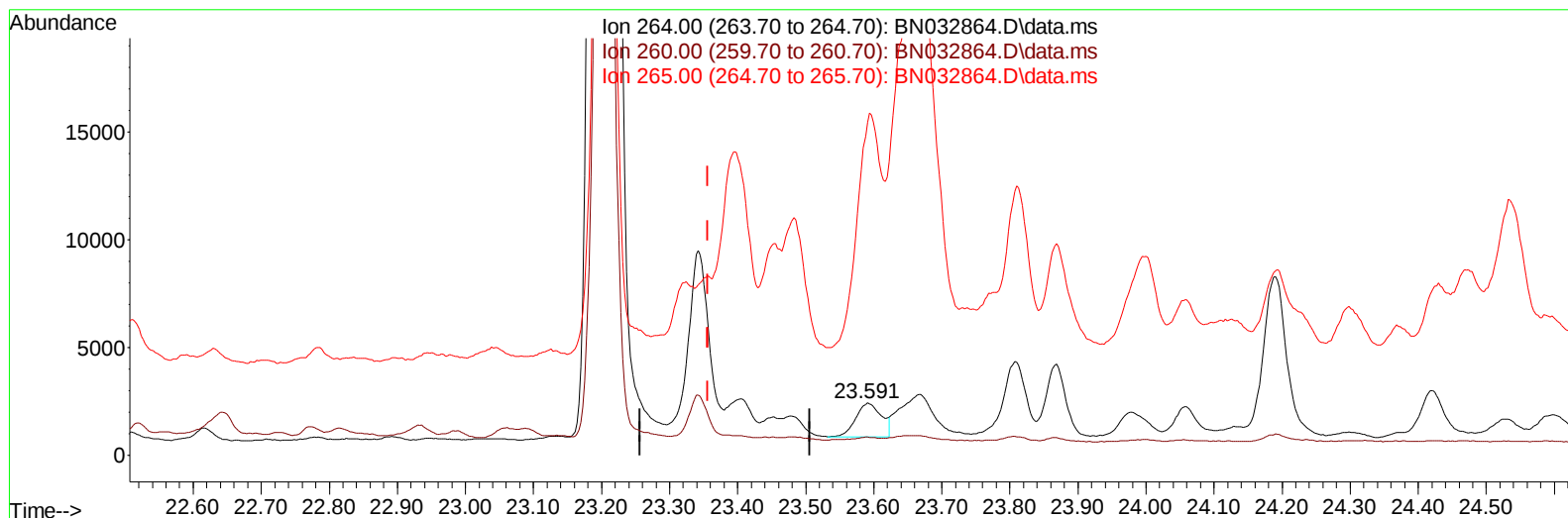
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(23) Perylene-d12 (I)

23.590min (+ 0.234) 0.40 ng/u1

response 4193

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	34.16#
265.00	95.50	638.08#
0.00	0.00	0.00

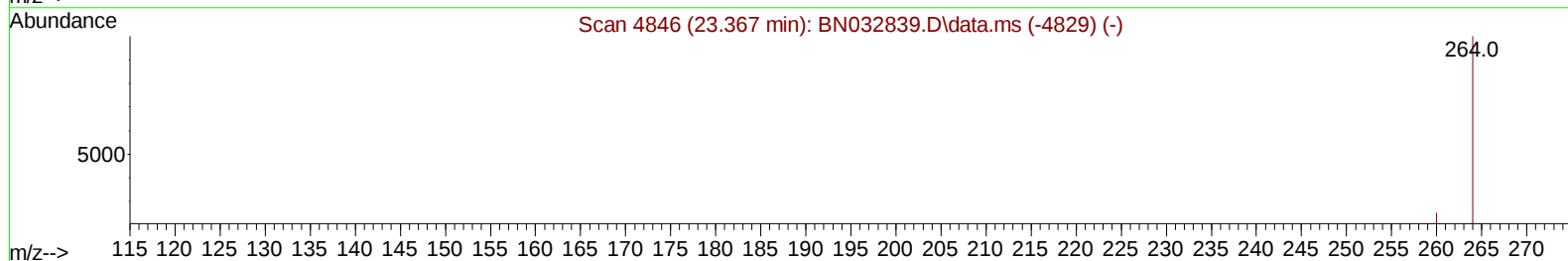
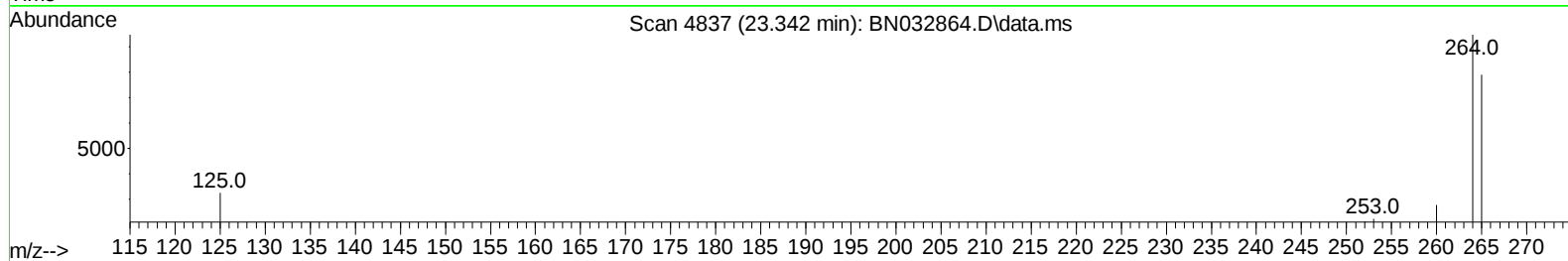
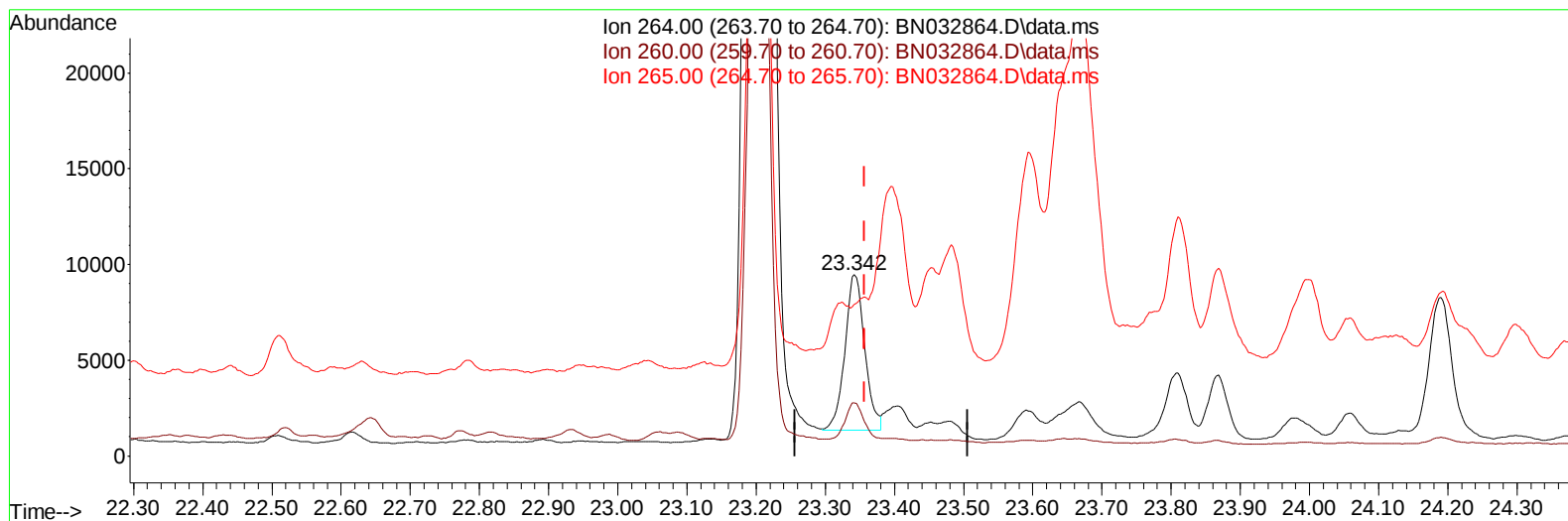
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(23) Perylene-d12 (I)

23.342min (-0.015) 0.40 ng/ul m

response 16315

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.23
265.00	95.50	83.34
0.00	0.00	0.00

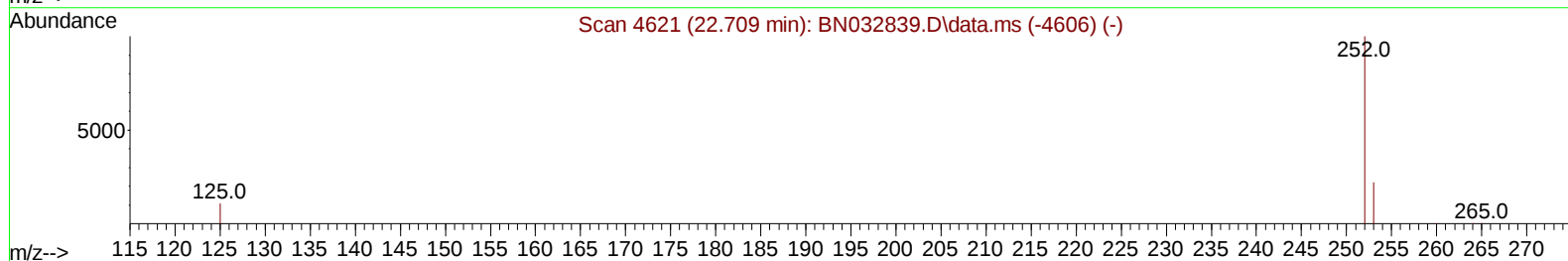
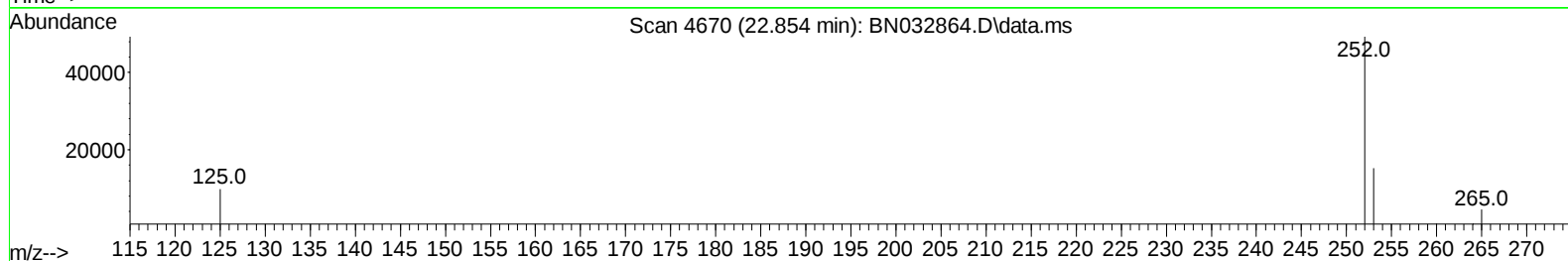
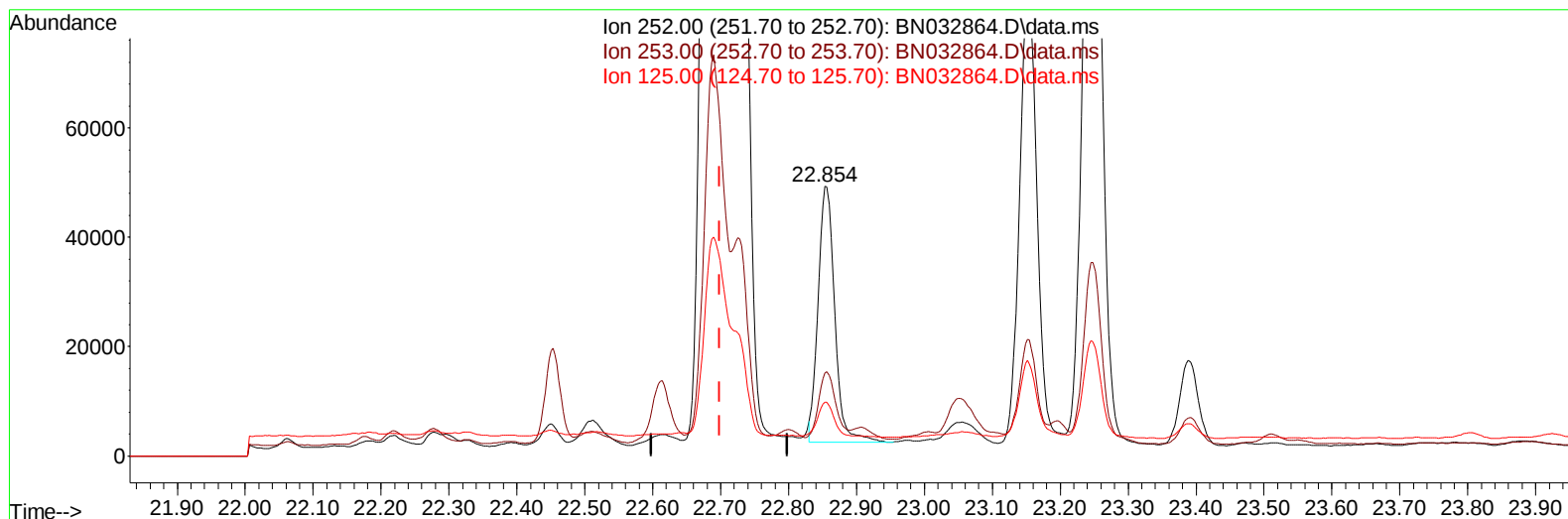
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(24) Benzo(b)fluoranthene

22.854min (+ 0.155) 1.39 ng/u1

response 79858

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.86
125.00	18.00	20.01
0.00	0.00	0.00

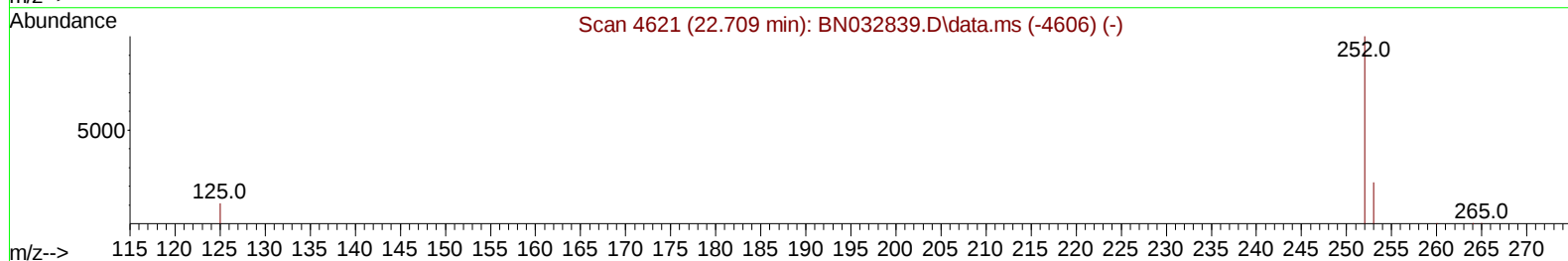
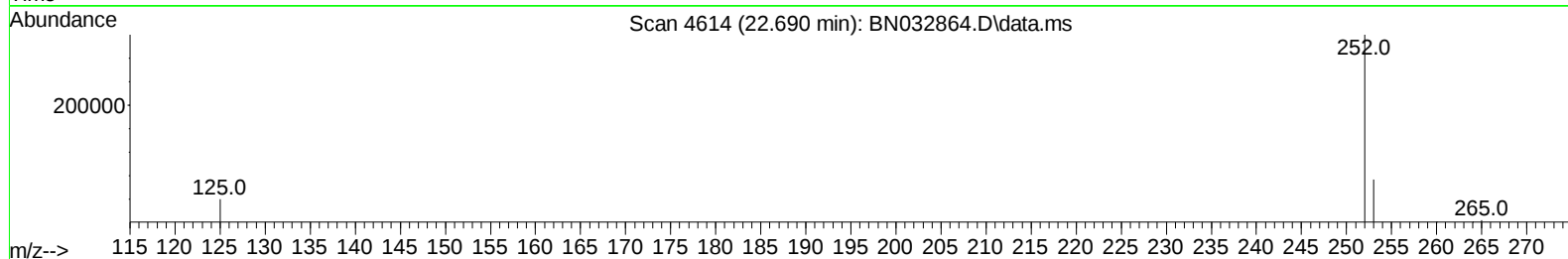
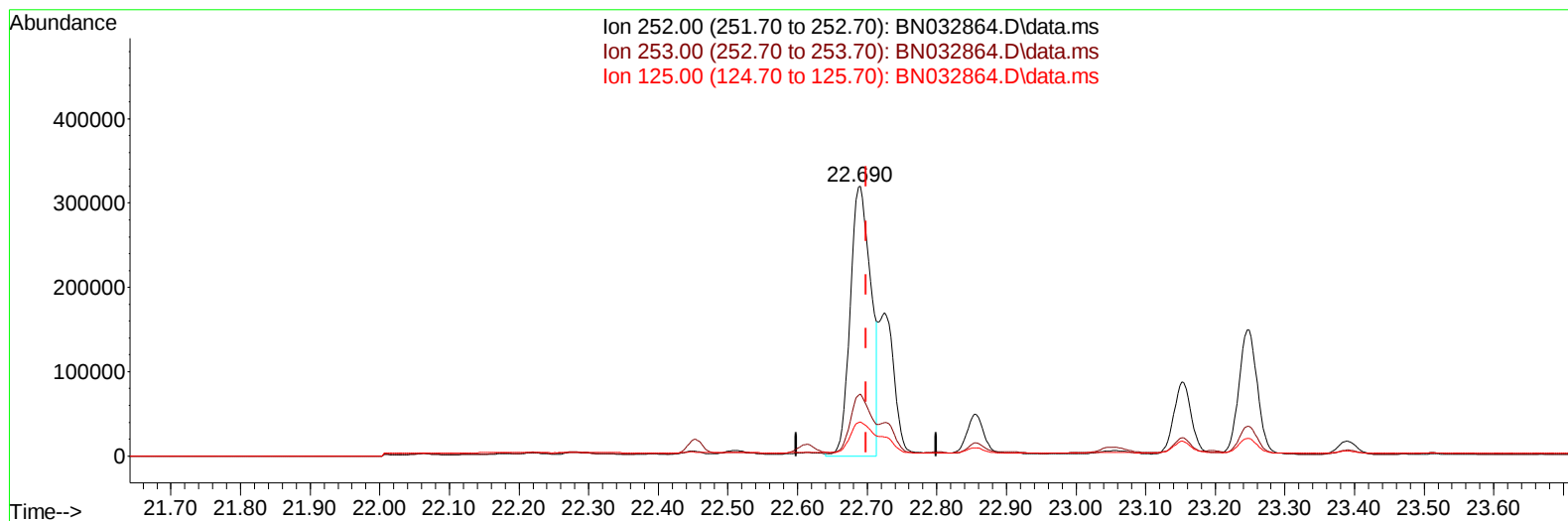
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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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Response via : Initial Calibration

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



TIC: BN032864.D\data.ms

(24) Benzo(b)fluoranthene

22.690min (-0.009) 11.49 ng/u1 m

response 661298

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.97
125.00	18.00	12.54
0.00	0.00	0.00

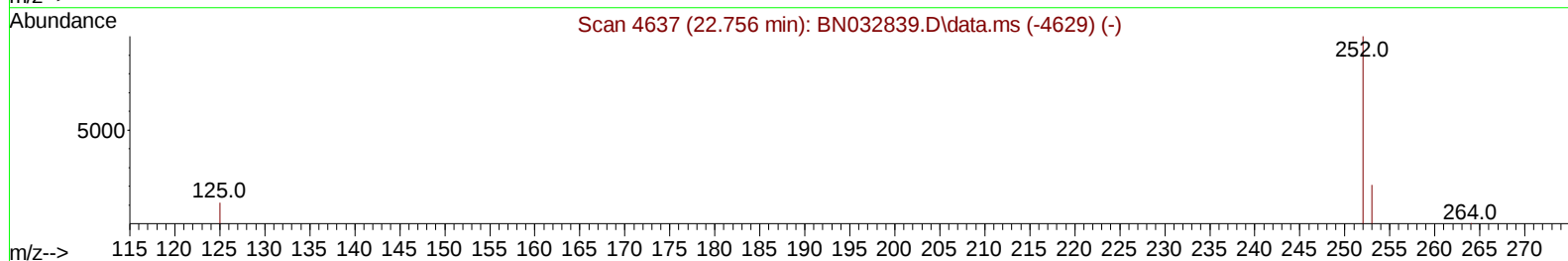
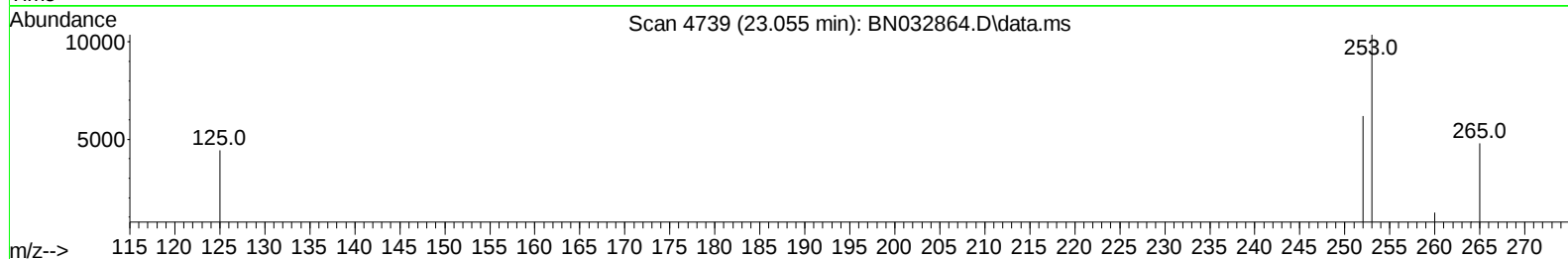
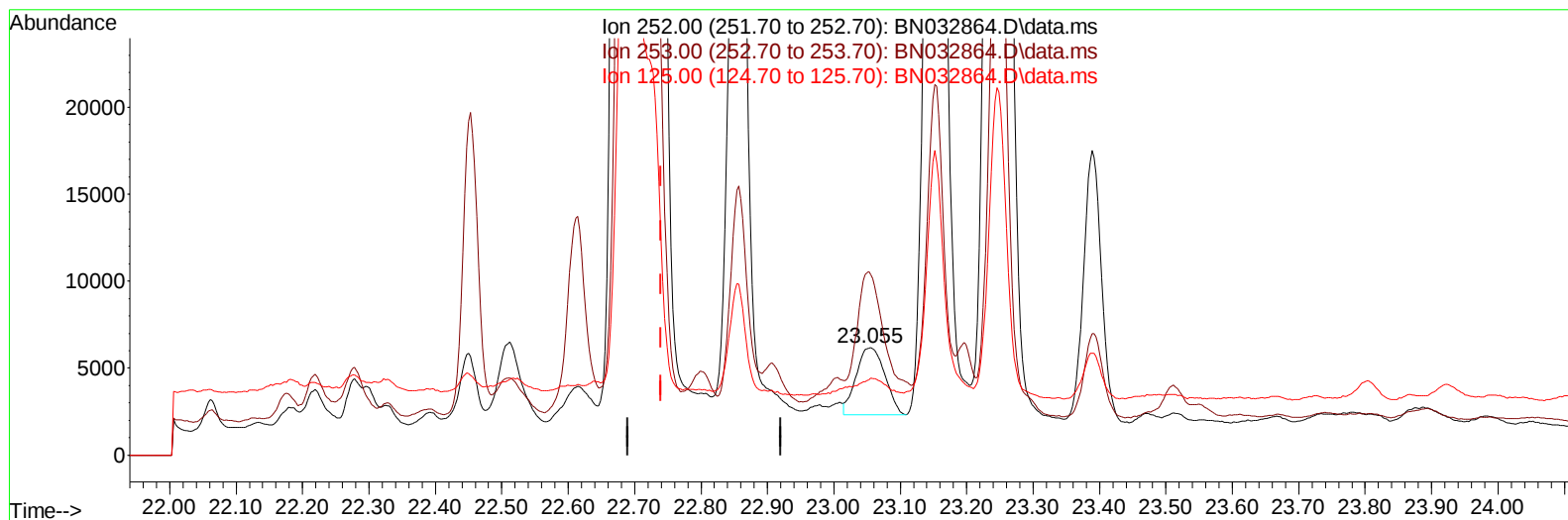
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(25) Benzo(k)fluoranthene

23.055min (+ 0.316) 0.17 ng/u1

response 11643

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	167.62#
125.00	18.50	71.69#
0.00	0.00	0.00

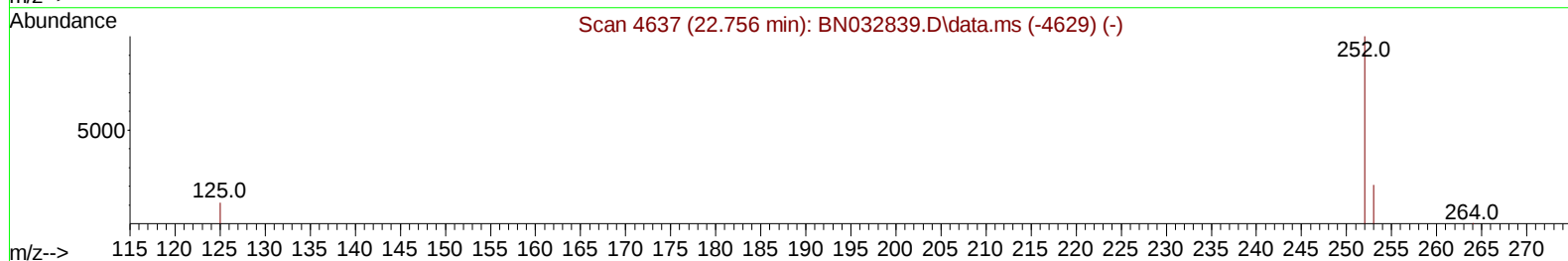
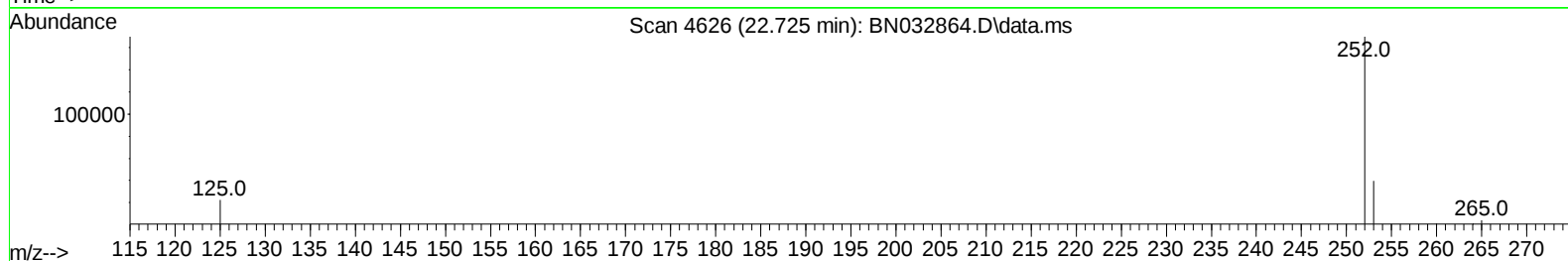
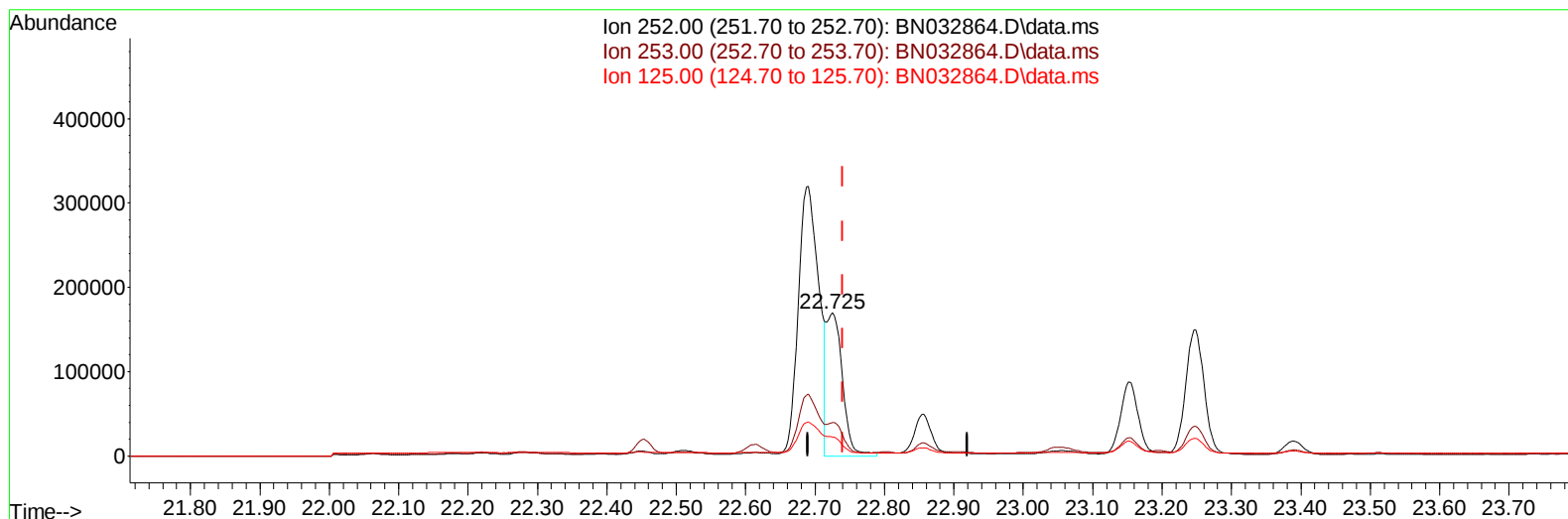
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(25) Benzo(k)fluoranthene

22.725min (-0.015) 3.88 ng/u1 m

response 272022

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.53
125.00	18.50	13.22#
0.00	0.00	0.00

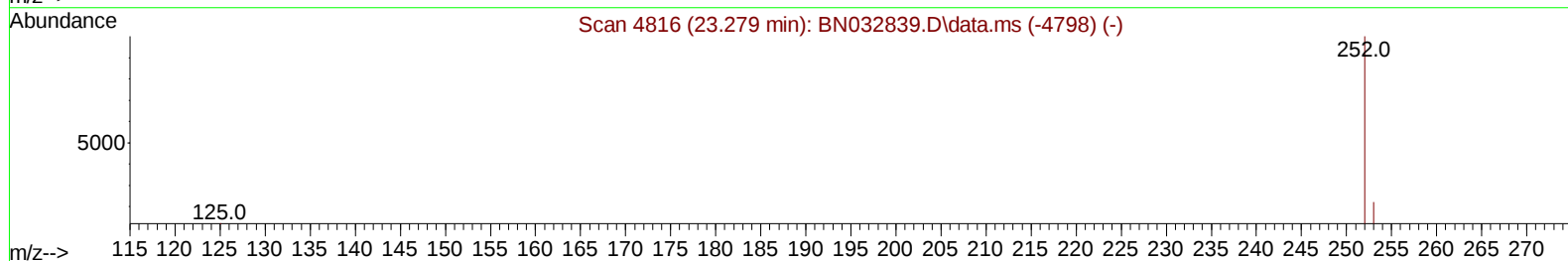
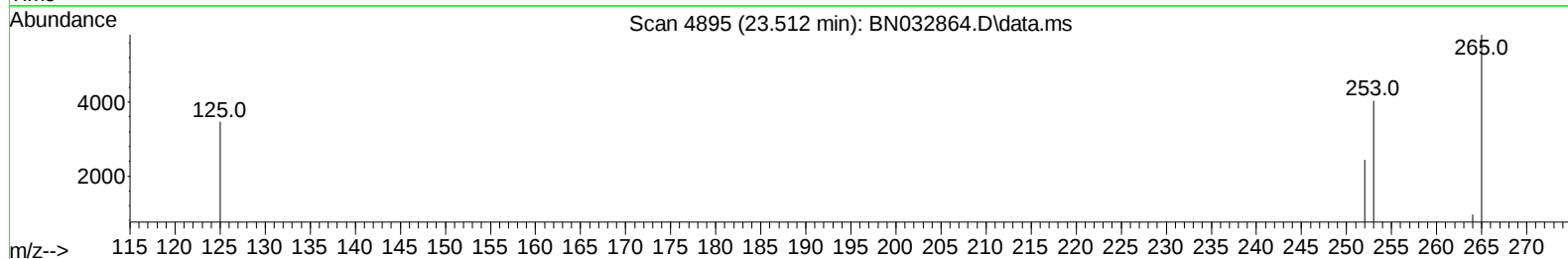
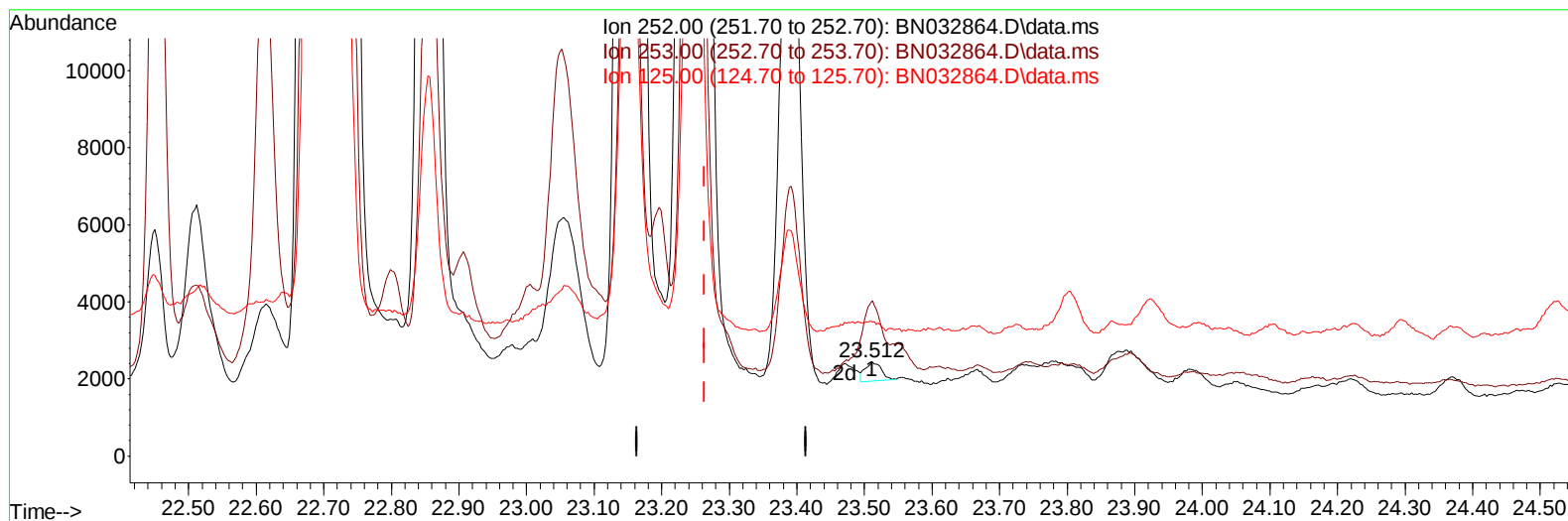
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032864.D\data.ms

(26) Benzo(a)pyrene (C)

23.512min (+ 0.248) 0.02 ng/u1

response 813

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	165.72#
125.00	25.70	142.57#
0.00	0.00	0.00

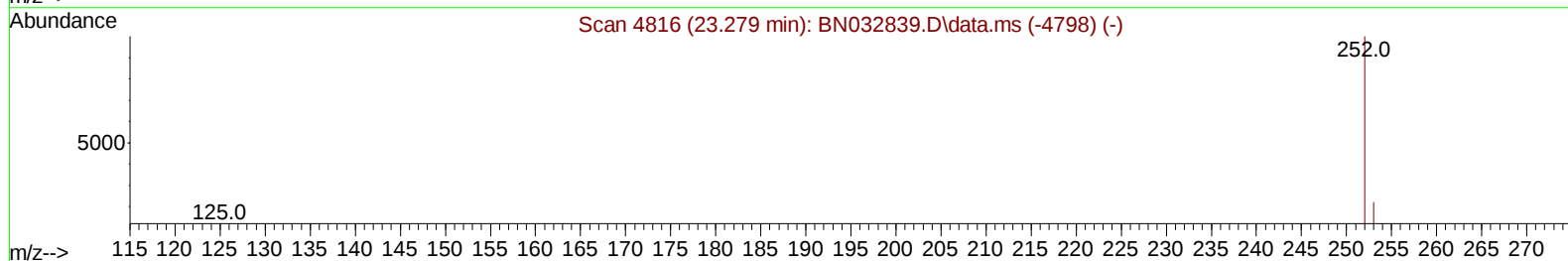
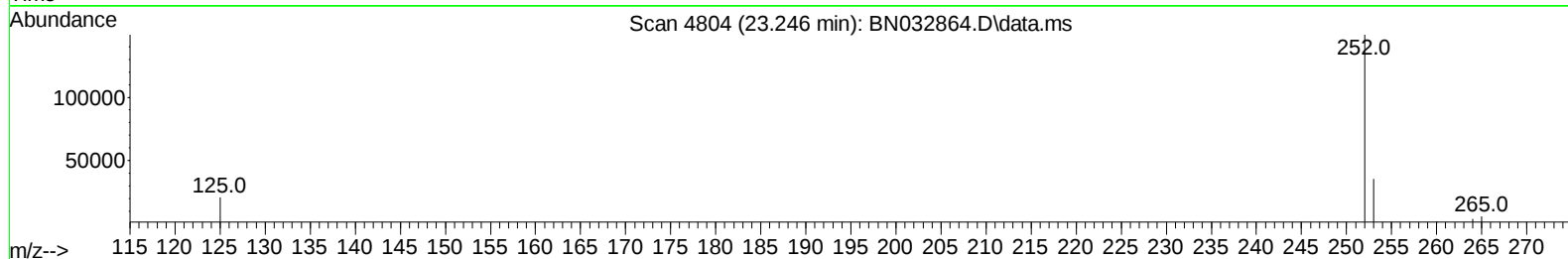
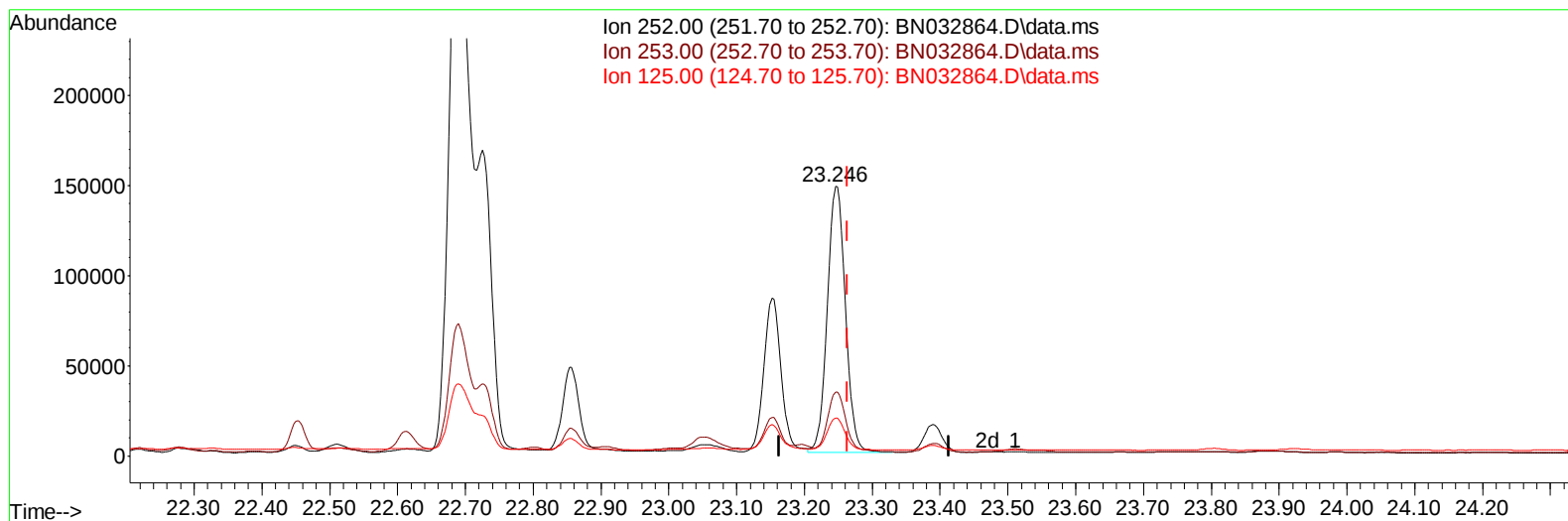
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

(26) Benzo(a)pyrene (C)

23.246min (-0.018) 5.51 ng/u1 m

response 274449

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.69#
125.00	25.70	14.13#
0.00	0.00	0.00

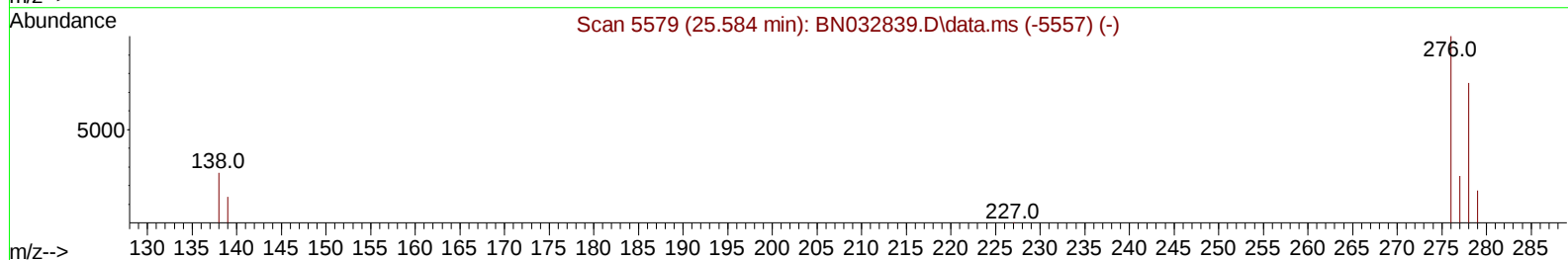
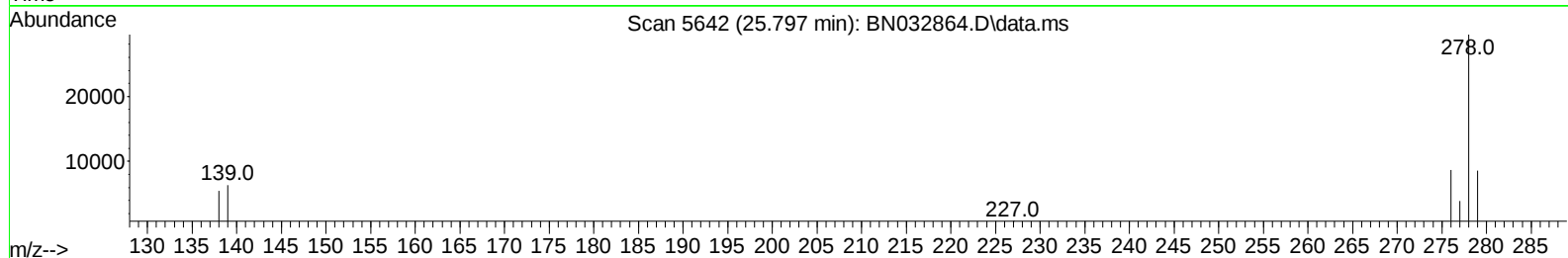
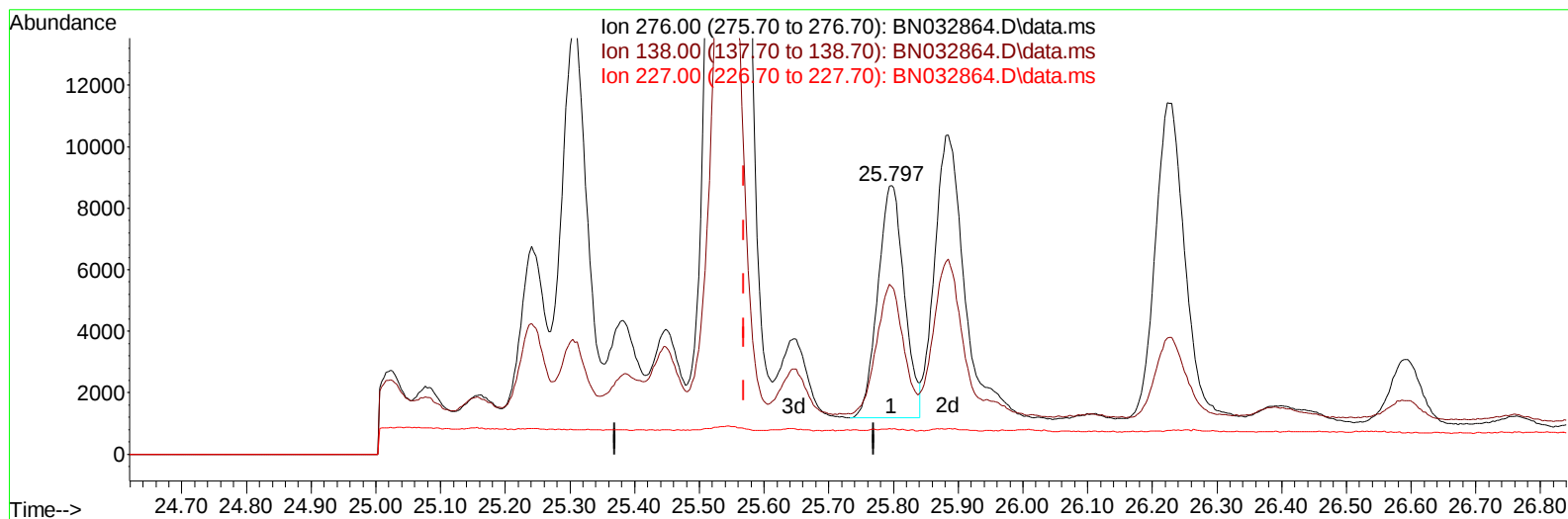
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032864.D
 Acq On : 20 Jul 2024 05:38
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

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

25.797min (+ 0.228) 0.32 ng/u1

response 21576

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	56.03#
227.00	0.00	0.54#
0.00	0.00	0.00

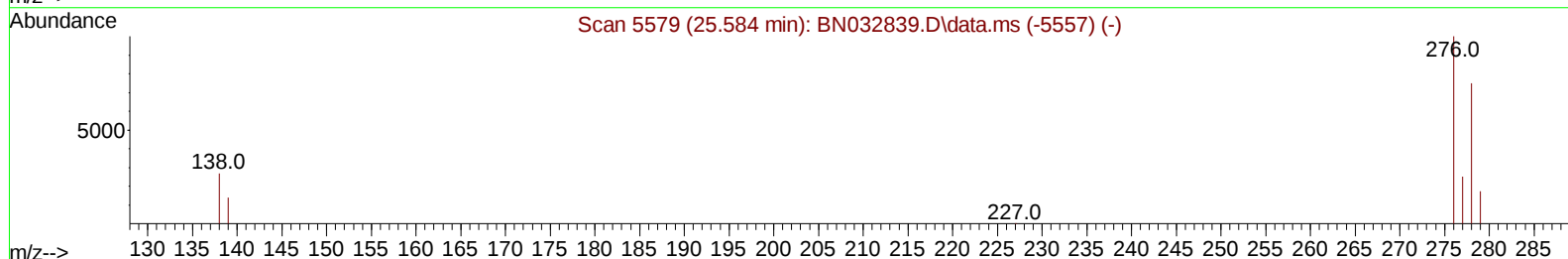
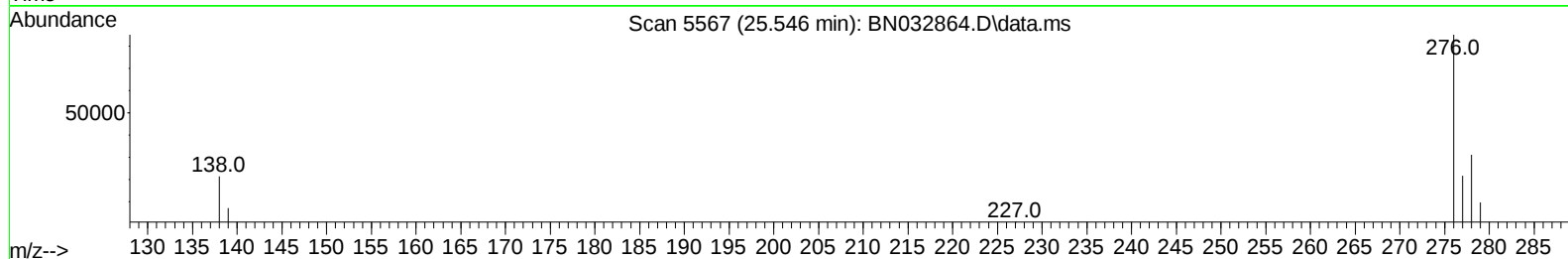
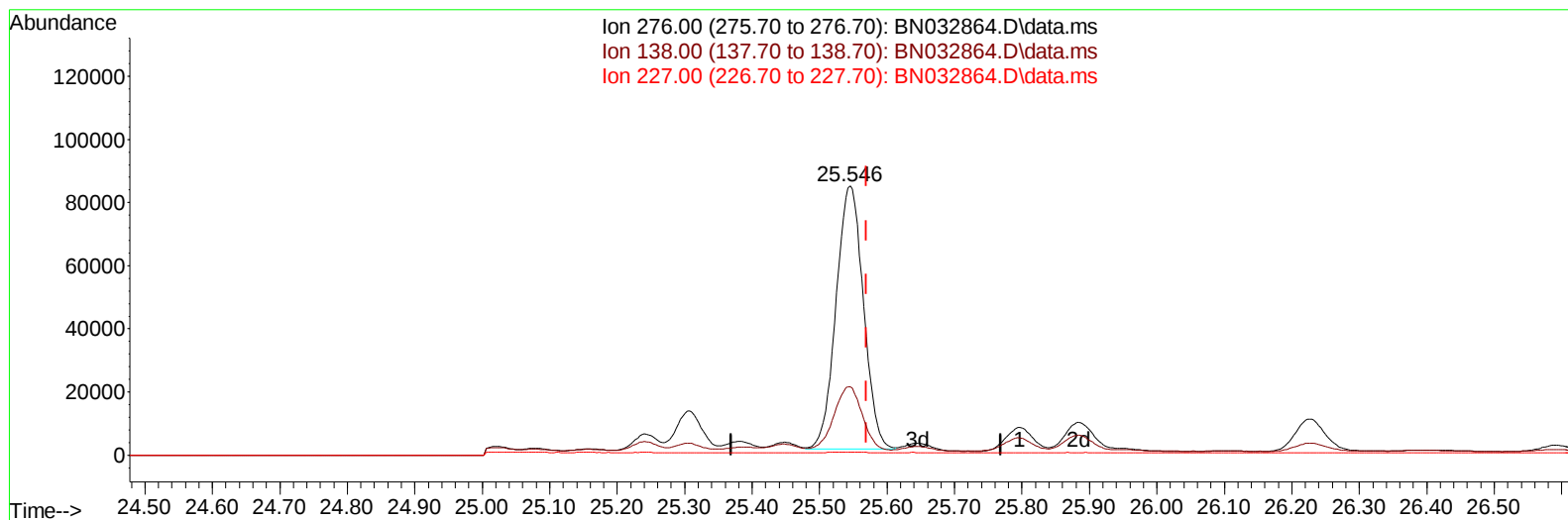
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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: BN032864.D\data.ms

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

25.546min (-0.024) 3.47 ng/u1 m

response 234070

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	5.16#
227.00	0.00	0.05#
0.00	0.00	0.00

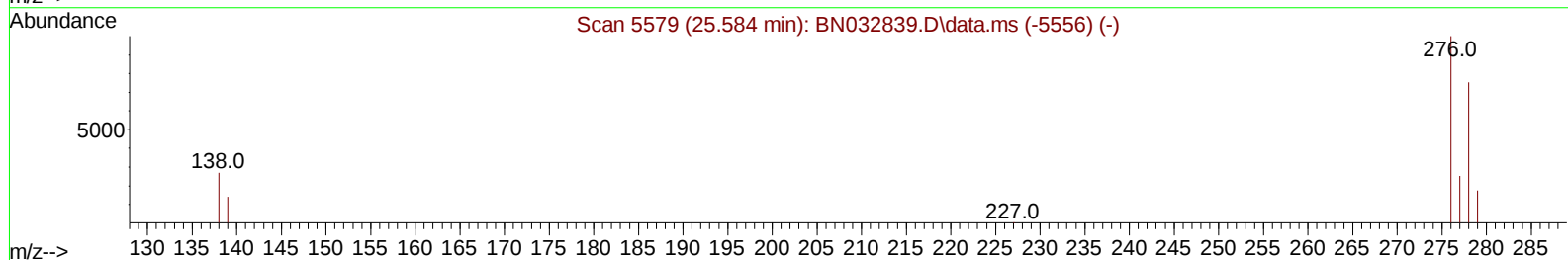
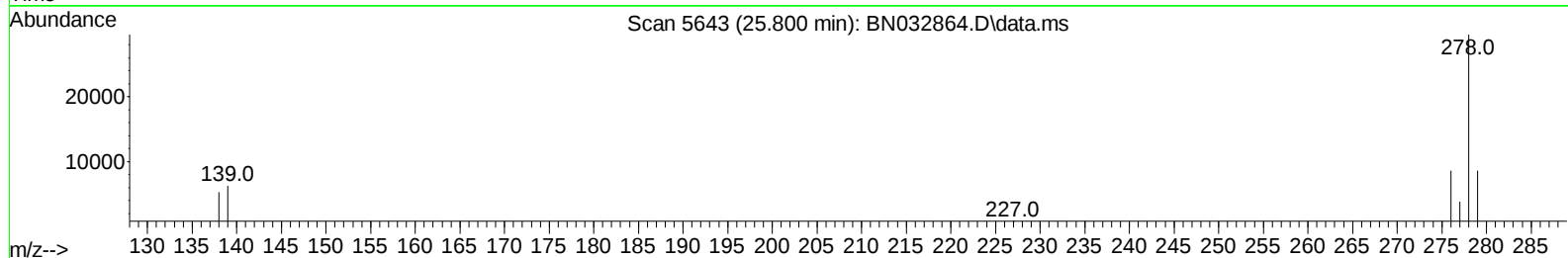
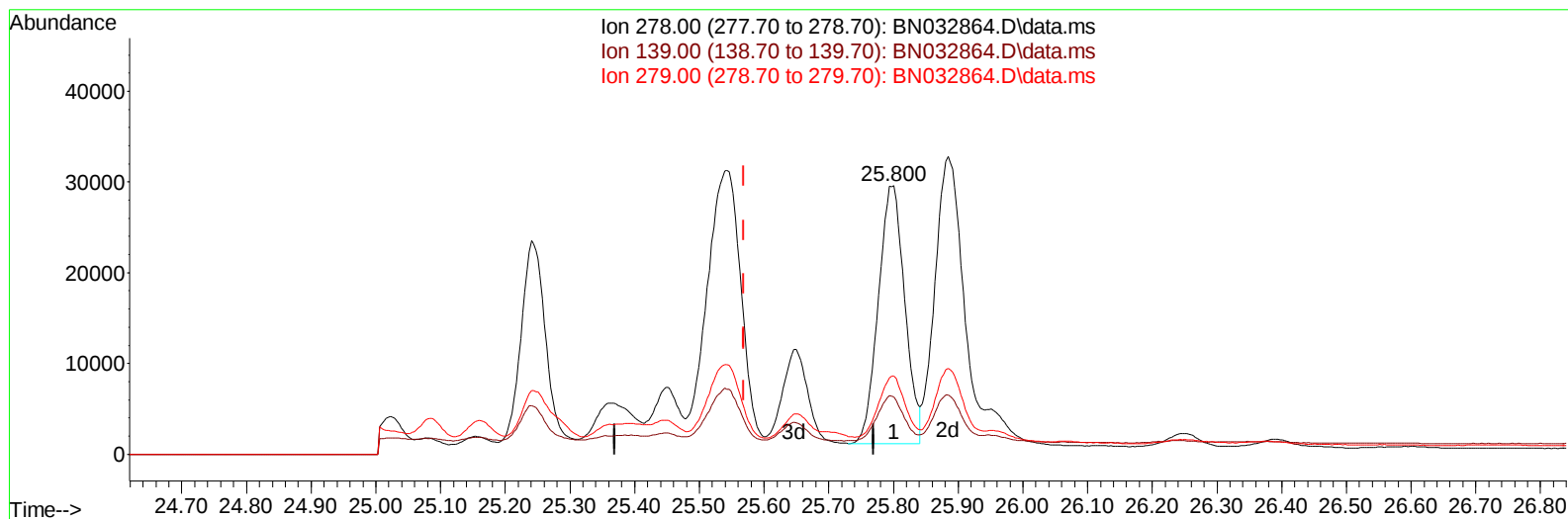
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

Quant Time: Jul 20 06:05:59 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
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TIC: BN032864.D\data.ms

(28) Dibenzo(a,h)anthracene

25.800min (+ 0.231) 1.55 ng/u1

response 81026

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	21.36
279.00	29.60	29.04
0.00	0.00	0.00

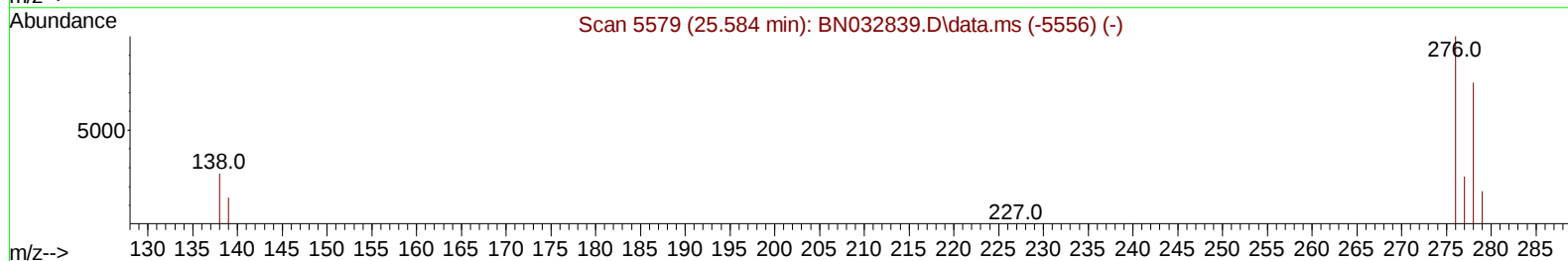
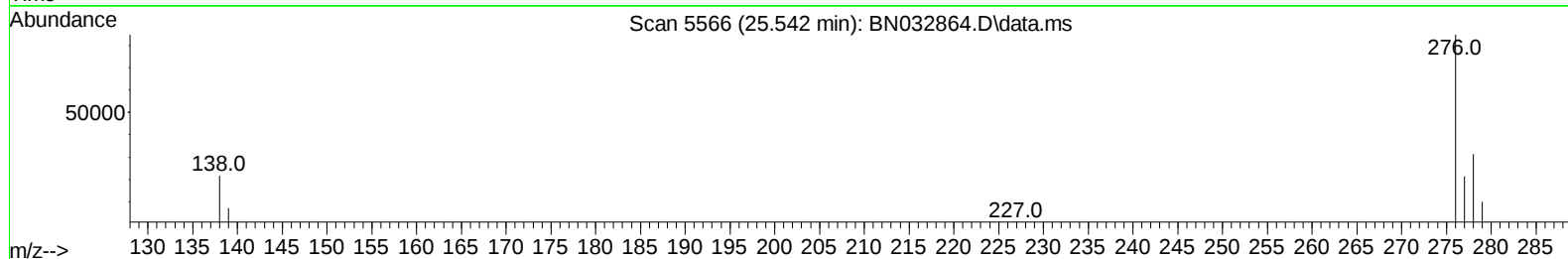
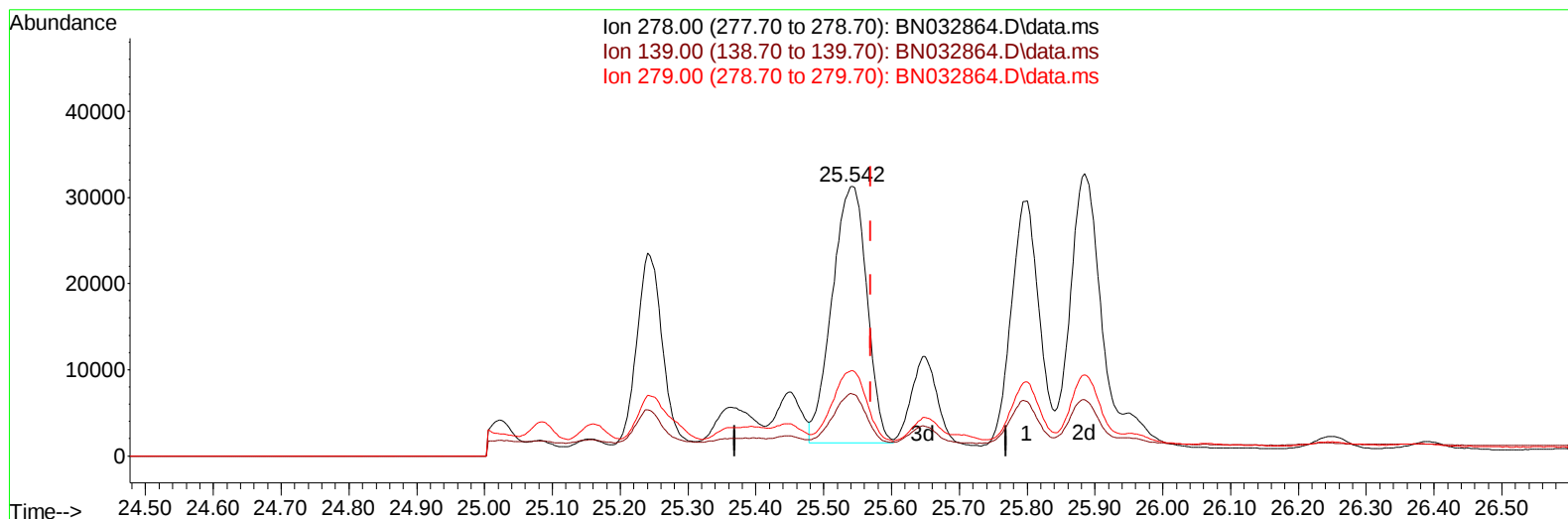
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032864.D
 Acq On : 20 Jul 2024 05:38
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6

Manual IntegrationsAPPROVED

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TIC: BN032864.D\data.ms

(28) Dibenzo(a,h)anthracene

25.542min (-0.027) 2.02 ng/u1 m

response 105662

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.90
279.00	29.60	31.63
0.00	0.00	0.00

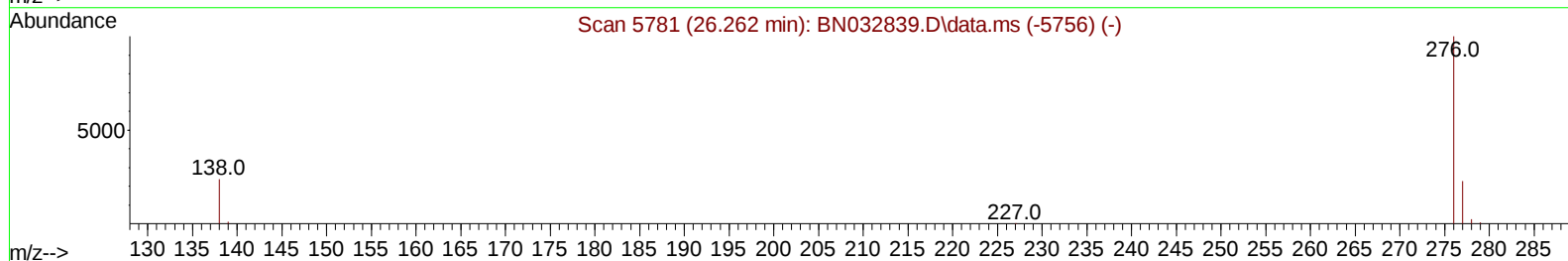
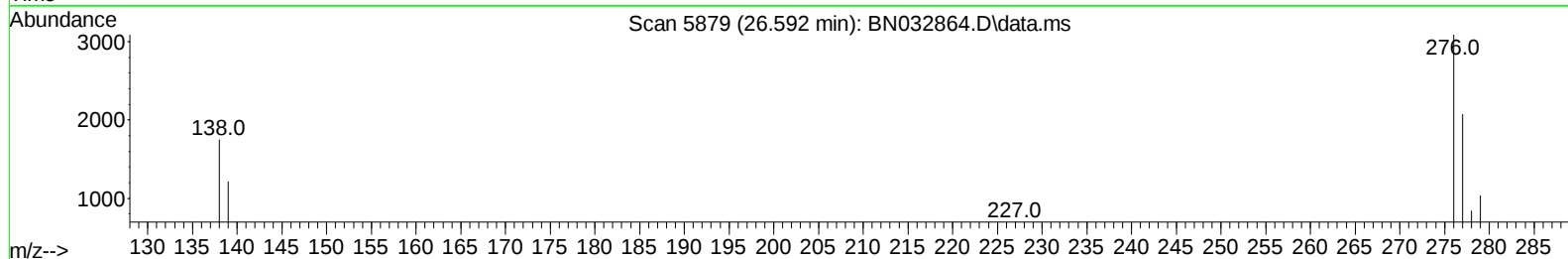
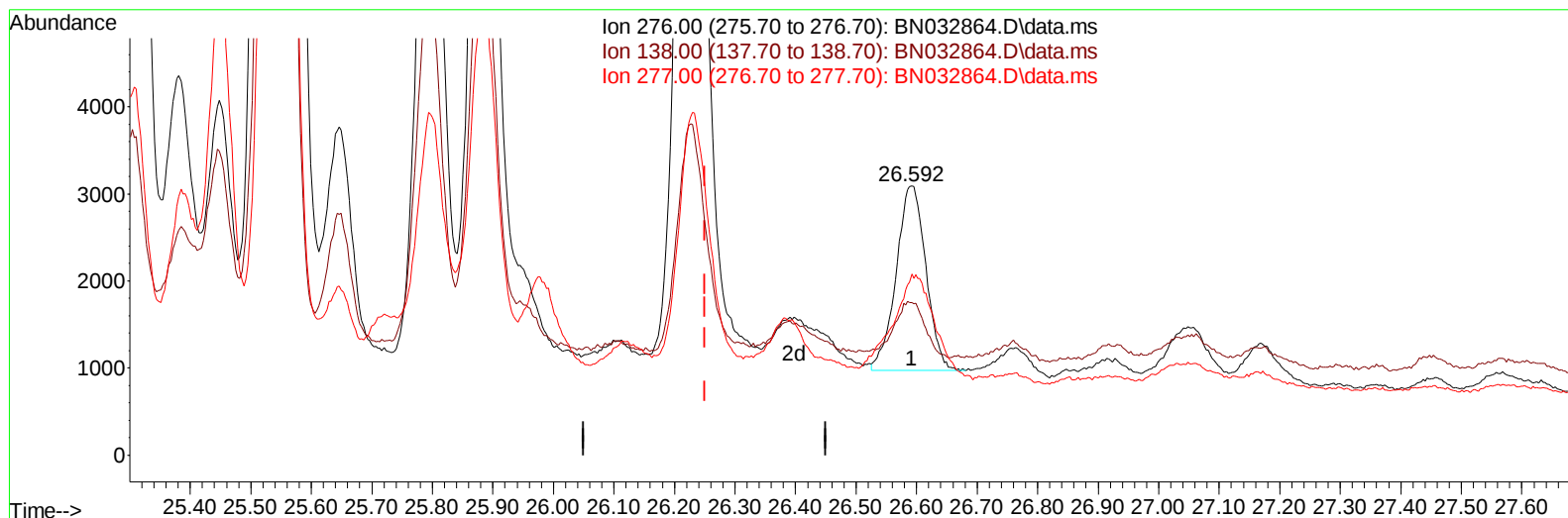
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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



TIC: BN032864.D\data.ms

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

26.592min (+ 0.342) 0.13 ng/u1

response 7256

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	56.62#
277.00	25.80	67.27#
0.00	0.00	0.00

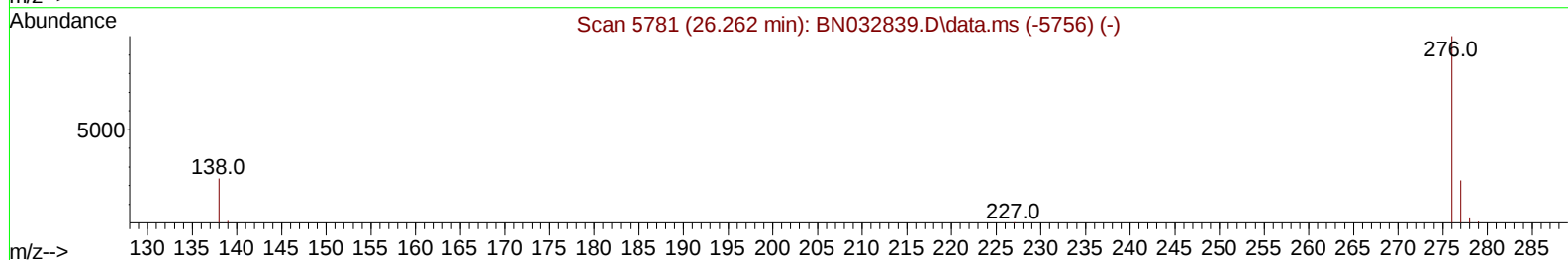
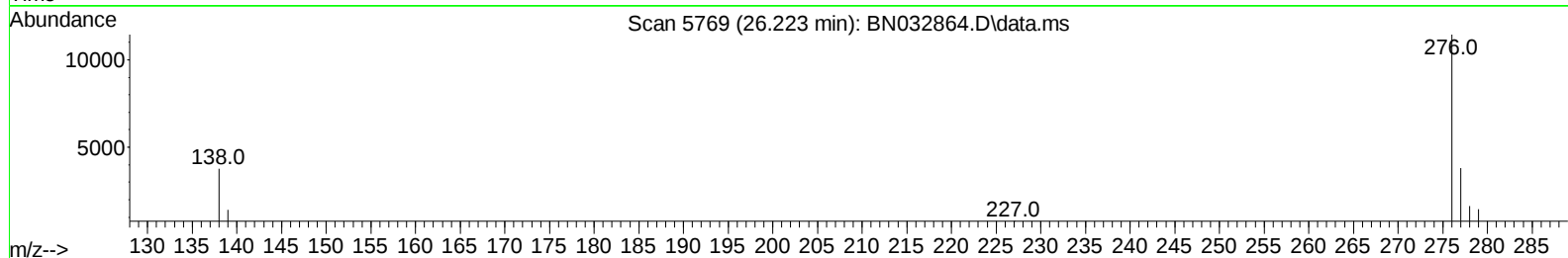
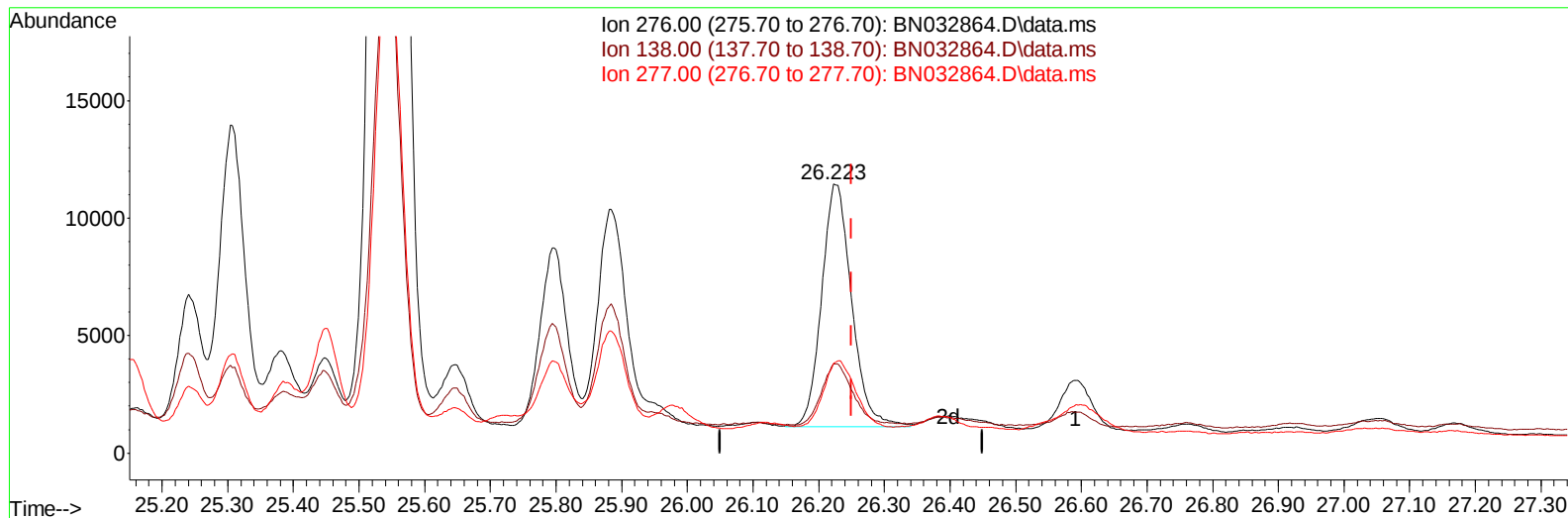
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF6

Manual IntegrationsAPPROVED

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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
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TIC: BN032864.D\data.ms

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

26.223min (-0.027) 0.58 ng/u1 m

response 32828

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	33.05#
277.00	25.80	33.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032864.D
 Acq On : 20 Jul 2024 05:38
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6

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	7.527	152	5302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	16804	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	10034	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	16762m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	12249m	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	16315m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	14351	2.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4273	0.168	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7024m	0.176	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	22159	0.491	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	9015	0.320	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	7623	0.262	ng/ul	100
10) Acenaphthylene	13.897	152	17134	0.423	ng/ul	97
11) Acenaphthene	14.239	153	47962	1.431	ng/ul	98
12) Fluorene	15.238	166	50802	1.326	ng/ul	98
15) Phenanthrene	16.978	178	937587m	20.539	ng/ul	
16) Anthracene	17.071	178	164100m	4.400	ng/ul	
19) Fluoranthene	19.013	202	1256536m	25.231	ng/ul	
20) Pyrene	19.375	202	875728m	16.988	ng/ul	
21) Benzo(a)anthracene	21.135	228	547136m	14.033	ng/ul	
22) Chrysene	21.188	228	642803m	11.396	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	661298m	11.488	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	272022m	3.878	ng/ul	
26) Benzo(a)pyrene	23.246	252	274449m	5.509	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.546	276	234070m	3.470	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	105662m	2.021	ng/ul	
29) Benzo(g,h,i)perylene	26.223	276	32828m	0.582	ng/ul	

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

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Operator : MA/JU
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Manual IntegrationsAPPROVED

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