

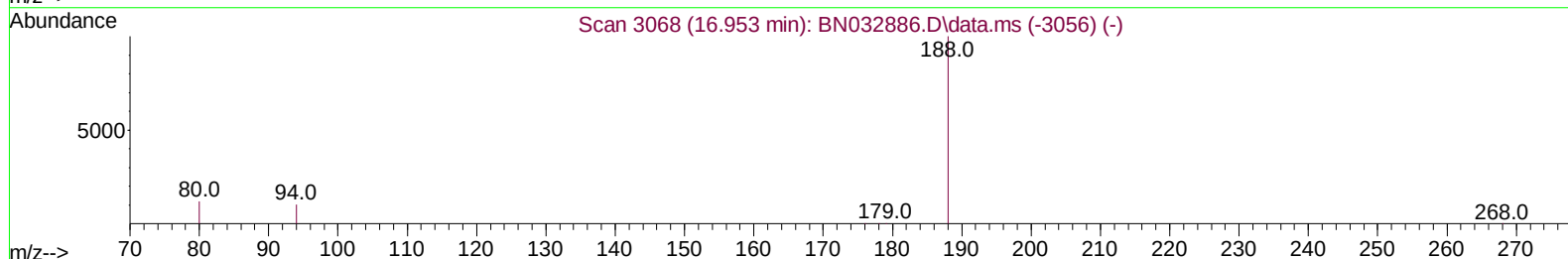
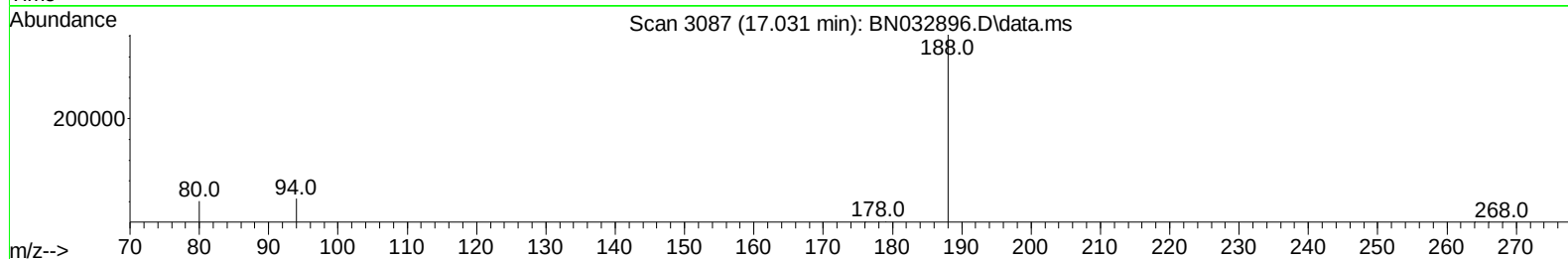
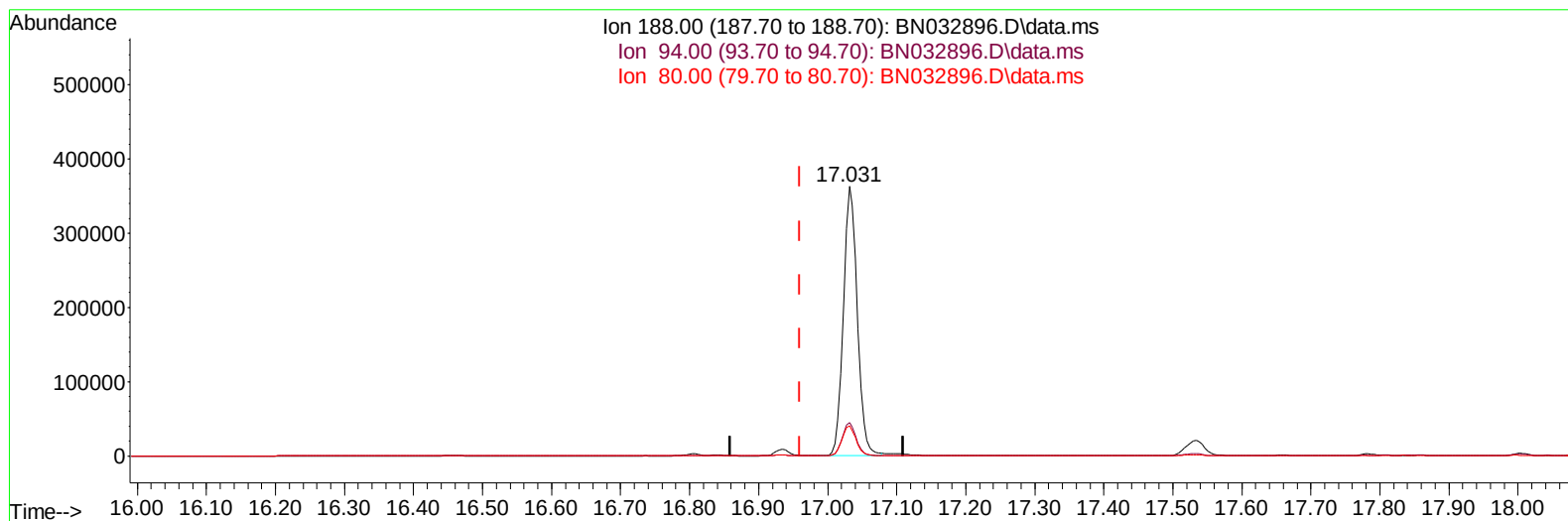
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(13) Phenanthrene-d10 (I)

17.031min (+ 0.072) 0.40 ng/u1

response 511462

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.43
80.00	12.00	11.28
0.00	0.00	0.00

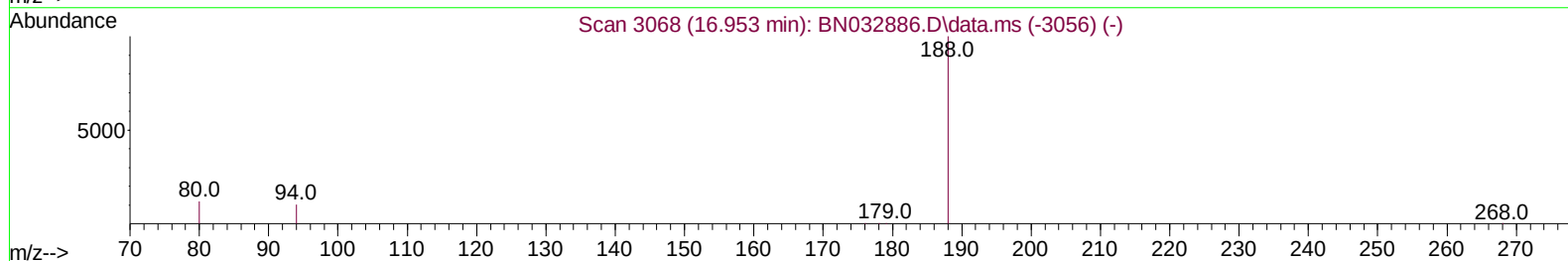
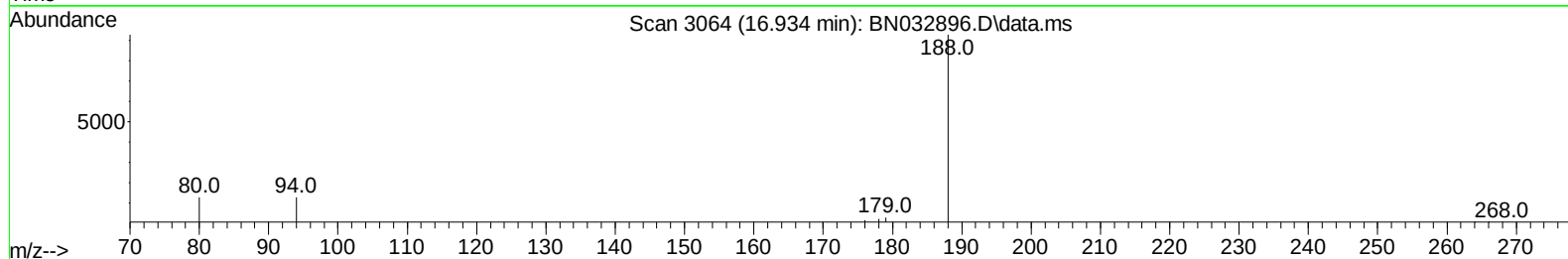
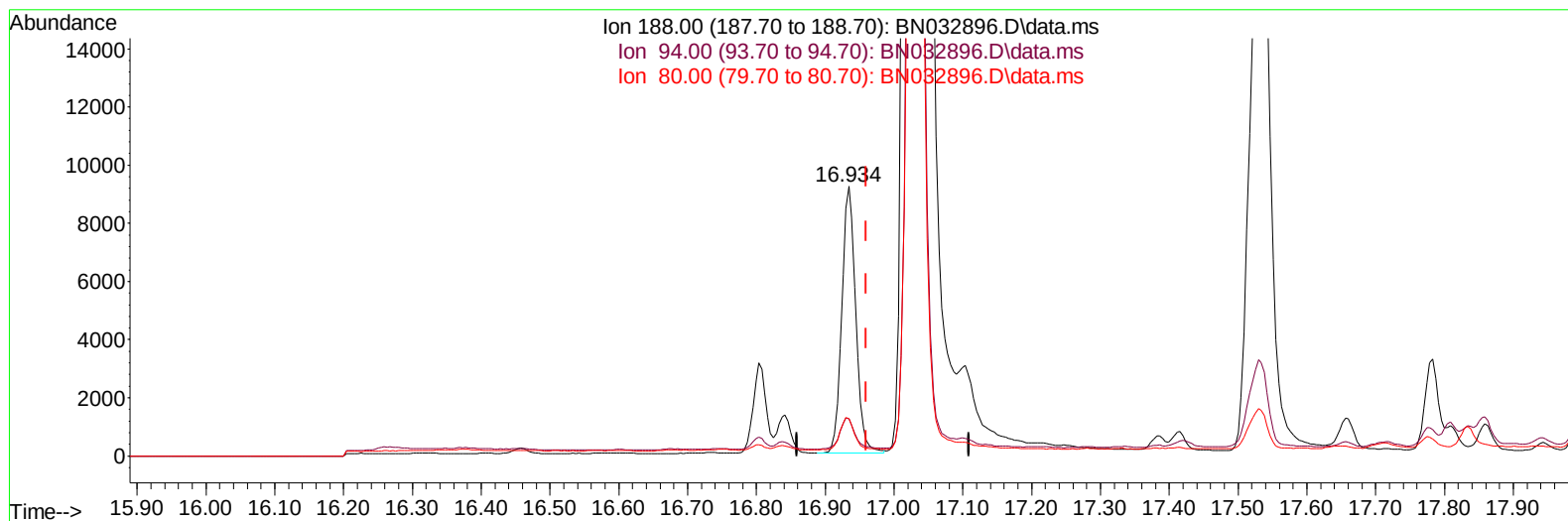
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(13) Phenanthrene-d10 (I)

16.934min (-0.025) 0.40 ng/ul m

response 12894

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.74#
80.00	12.00	13.90
0.00	0.00	0.00

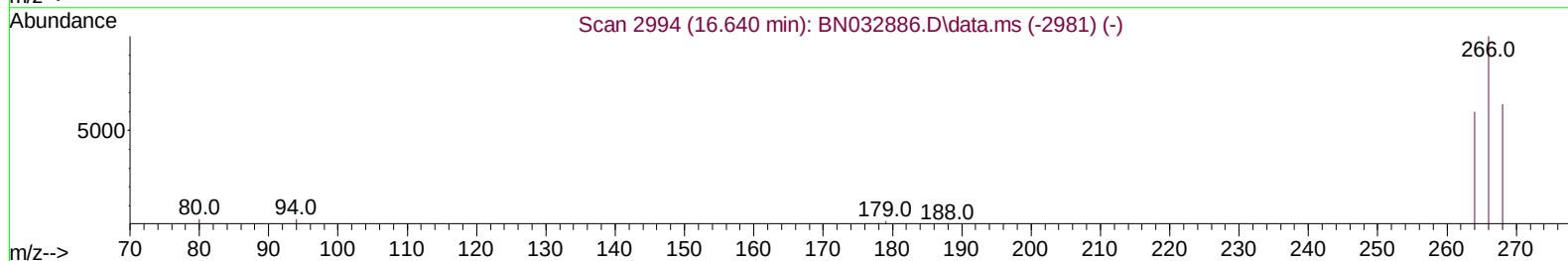
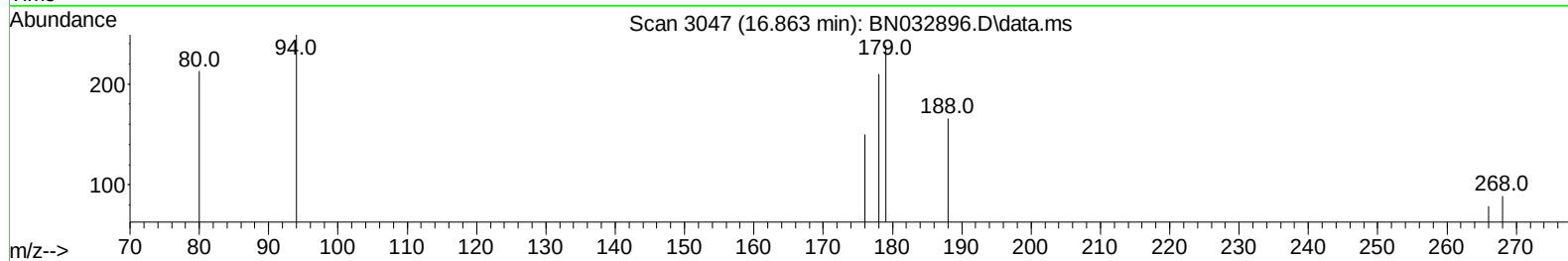
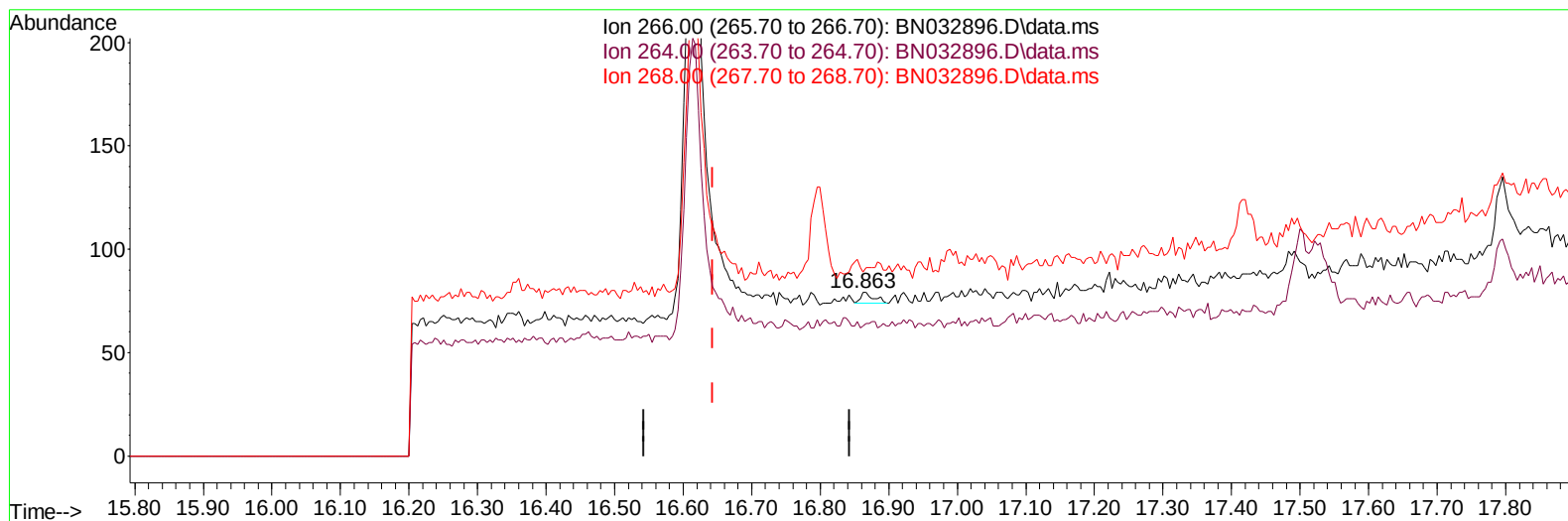
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 17:15:34 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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TIC: BN032896.D\data.ms

(14) Pentachlorophenol

16.863min (+ 0.220) 0.00 ng/u1

response 7

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	142.86#
0.00	0.00	0.00

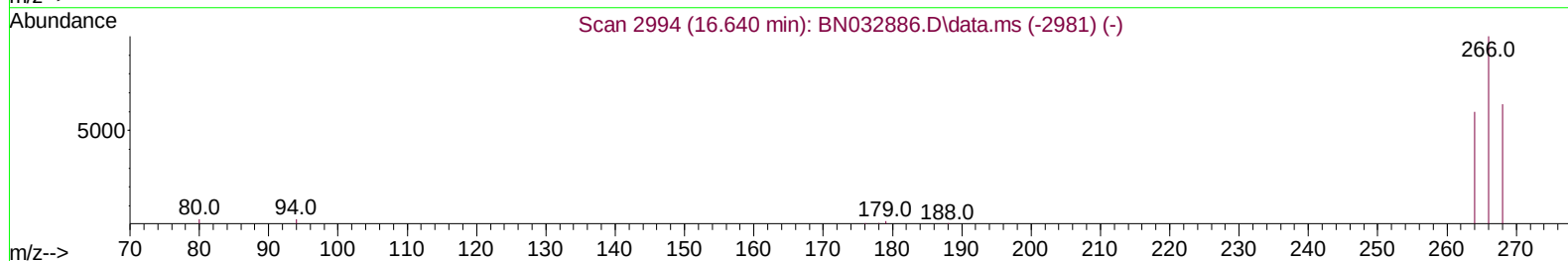
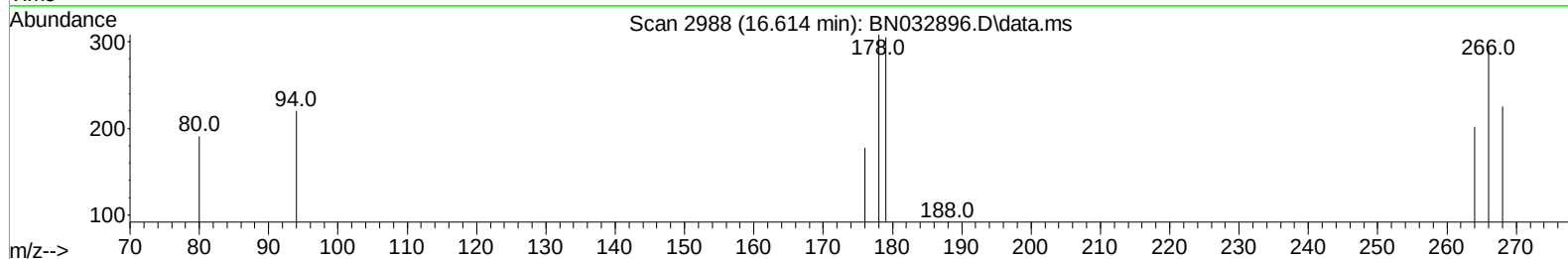
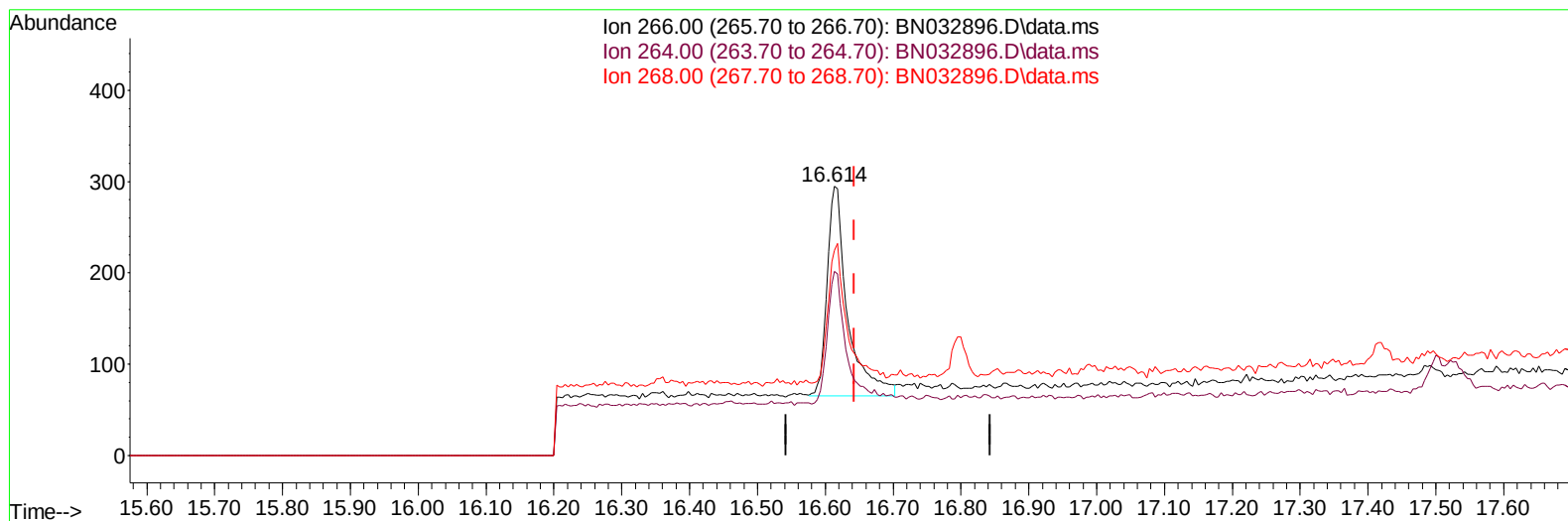
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032896.D\data.ms

(14) Pentachlorophenol

16.614min (-0.029) 0.21 ng/ul m

response 486

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	0.00#
268.00	64.50	2.06#
0.00	0.00	0.00

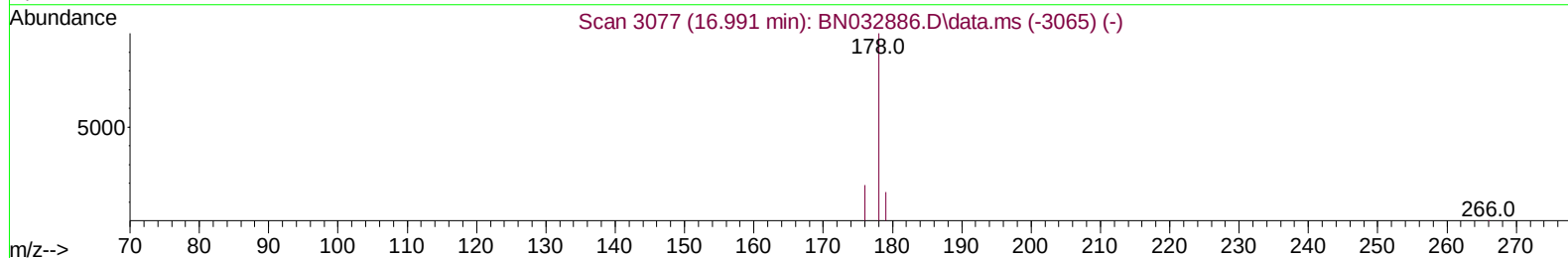
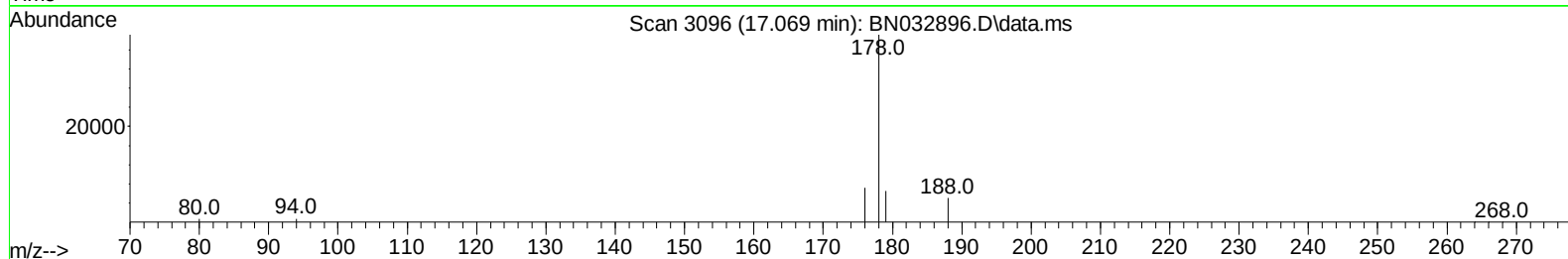
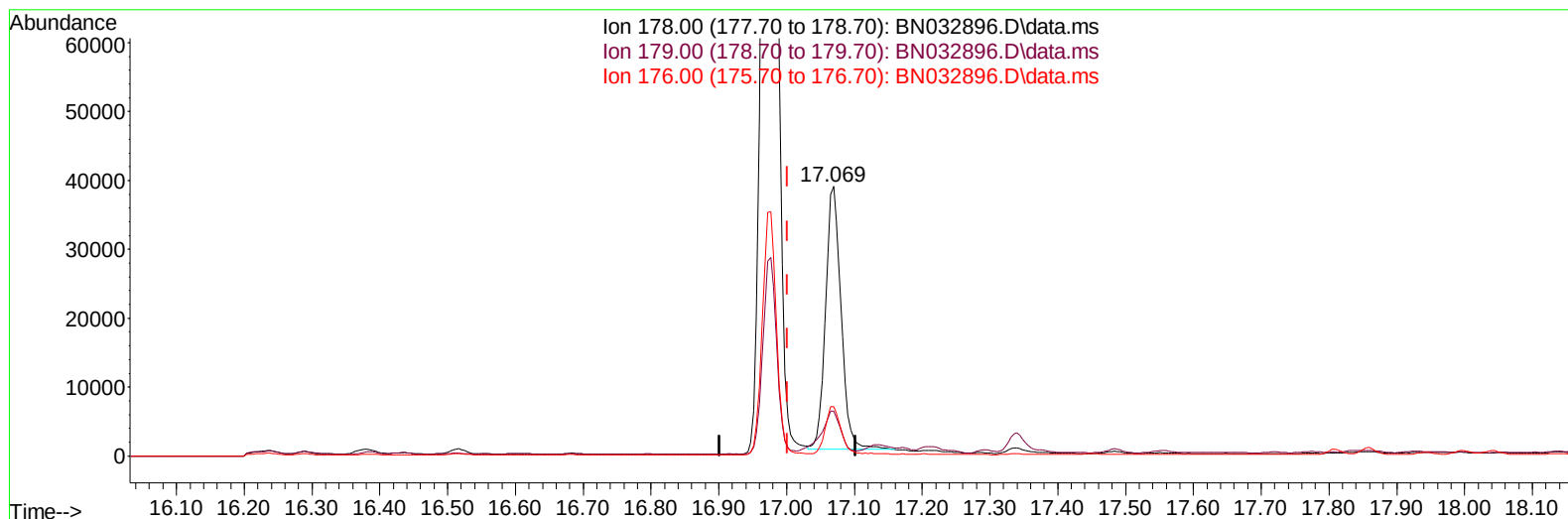
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

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TIC: BN032896.D\data.ms

(15) Phenanthrene

17.069min (+ 0.068) 1.72 ng/u1

response 60319

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.70
176.00	19.50	18.38
0.00	0.00	0.00

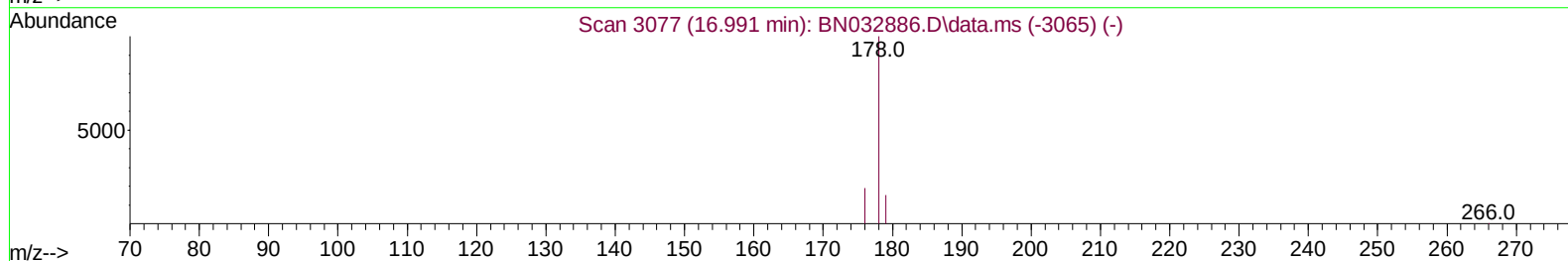
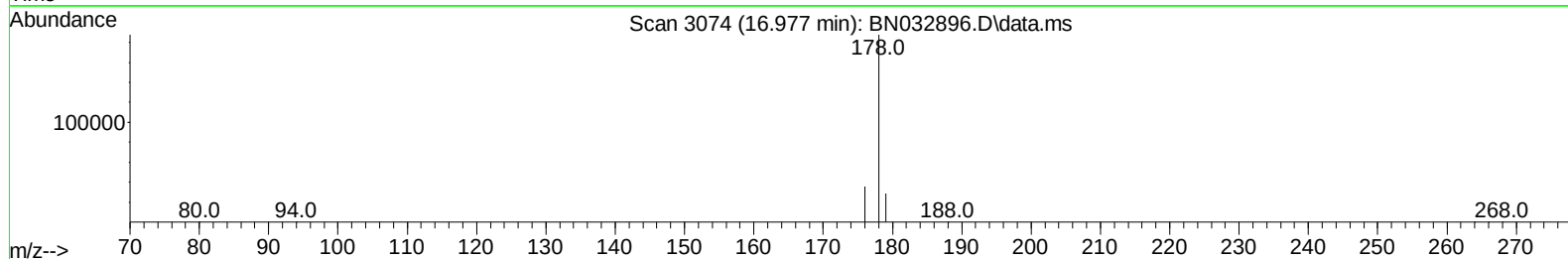
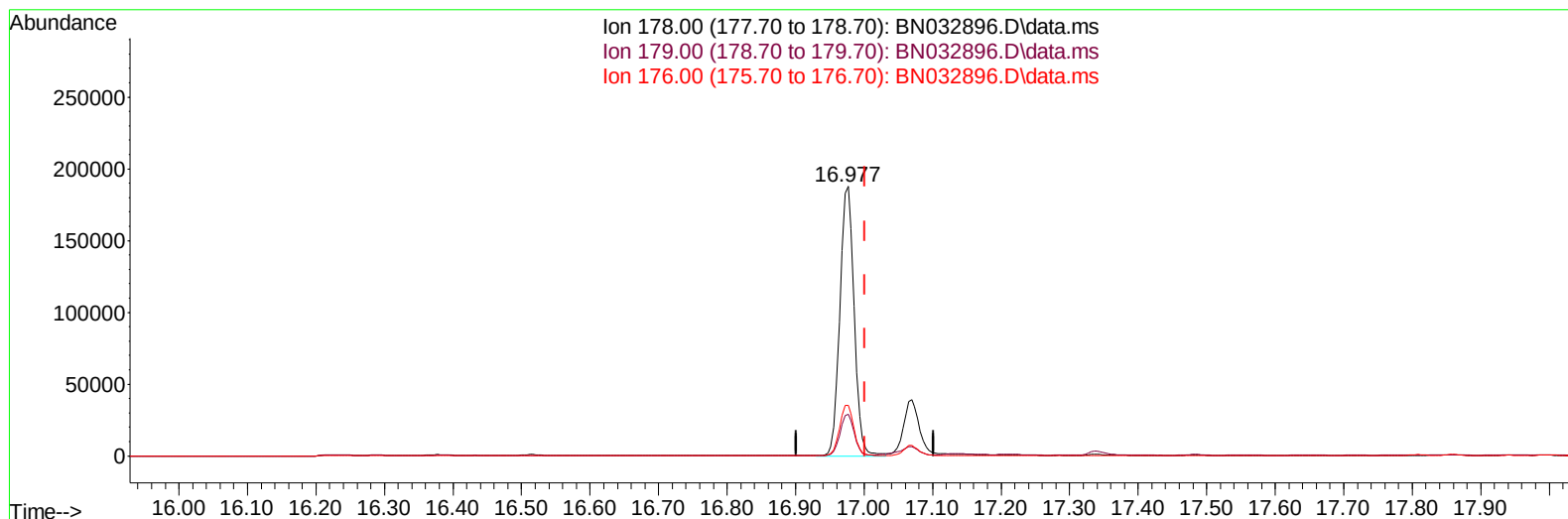
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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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Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(15) Phenanthrene

16.977min (-0.025) 7.69 ng/ul m

response 269911

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.37
176.00	19.50	18.88
0.00	0.00	0.00

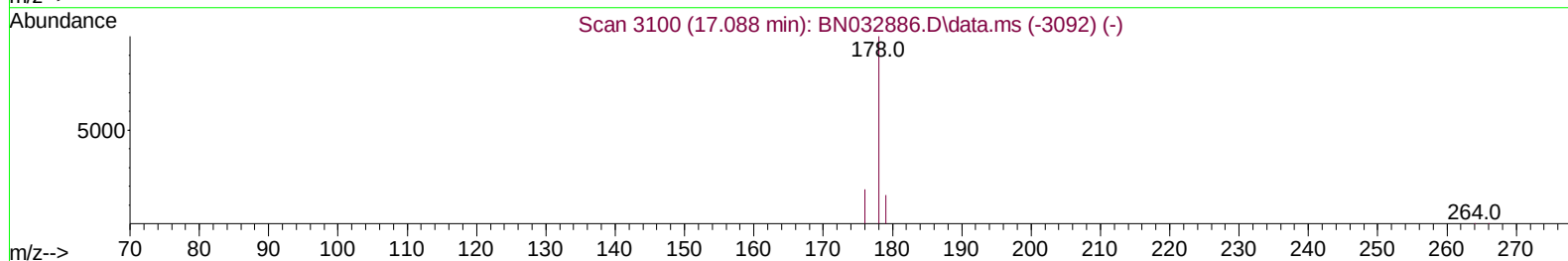
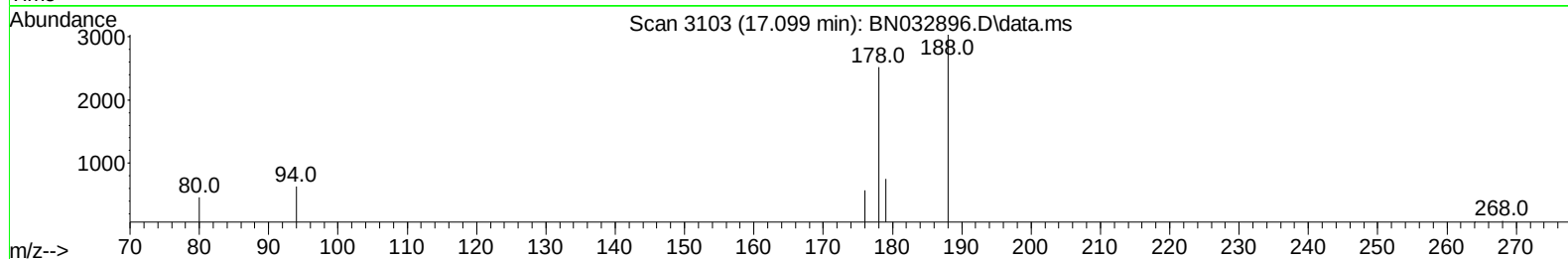
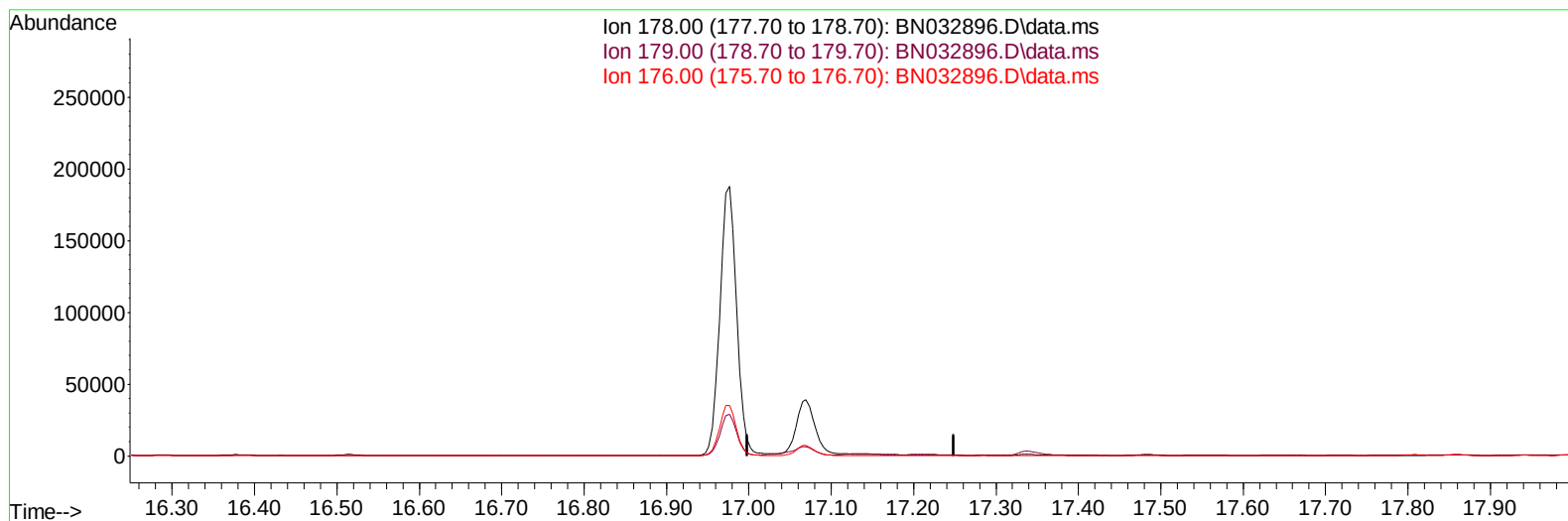
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032896.D
 Acq On : 22 Jul 2024 16:47
 Operator : MA/JU
 Sample : P3215-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(16) Anthracene

17.099min (-17.099) 0.00 ng/u1

response 0

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

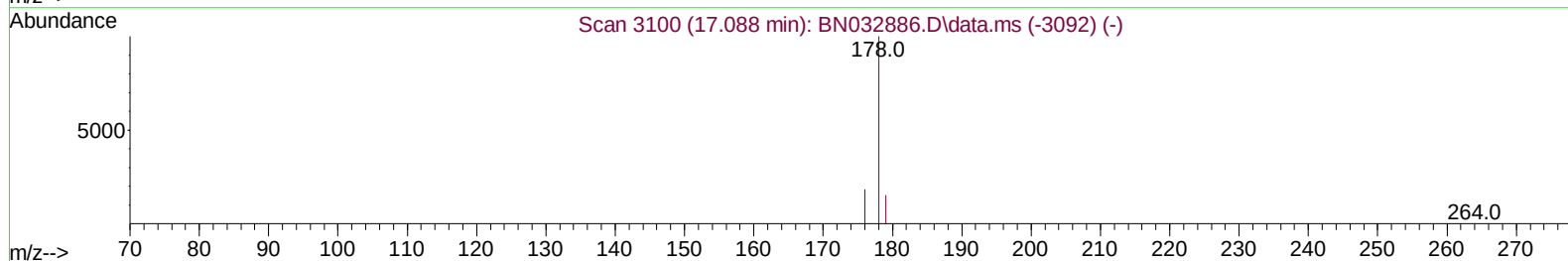
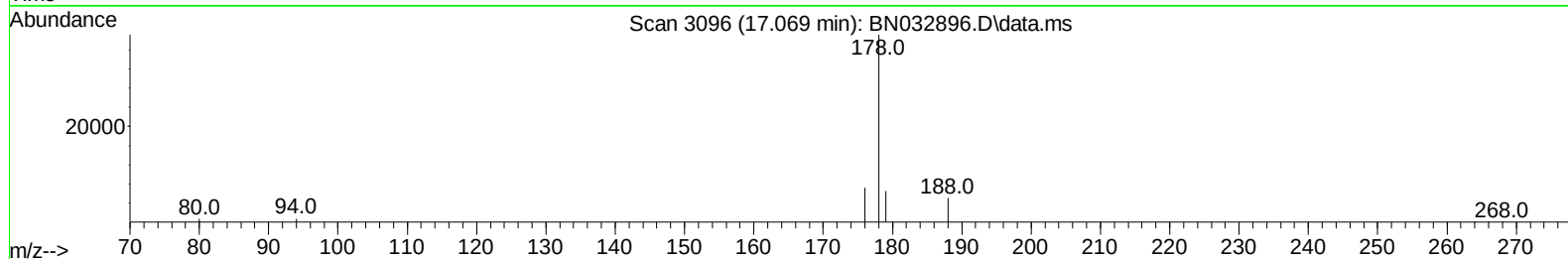
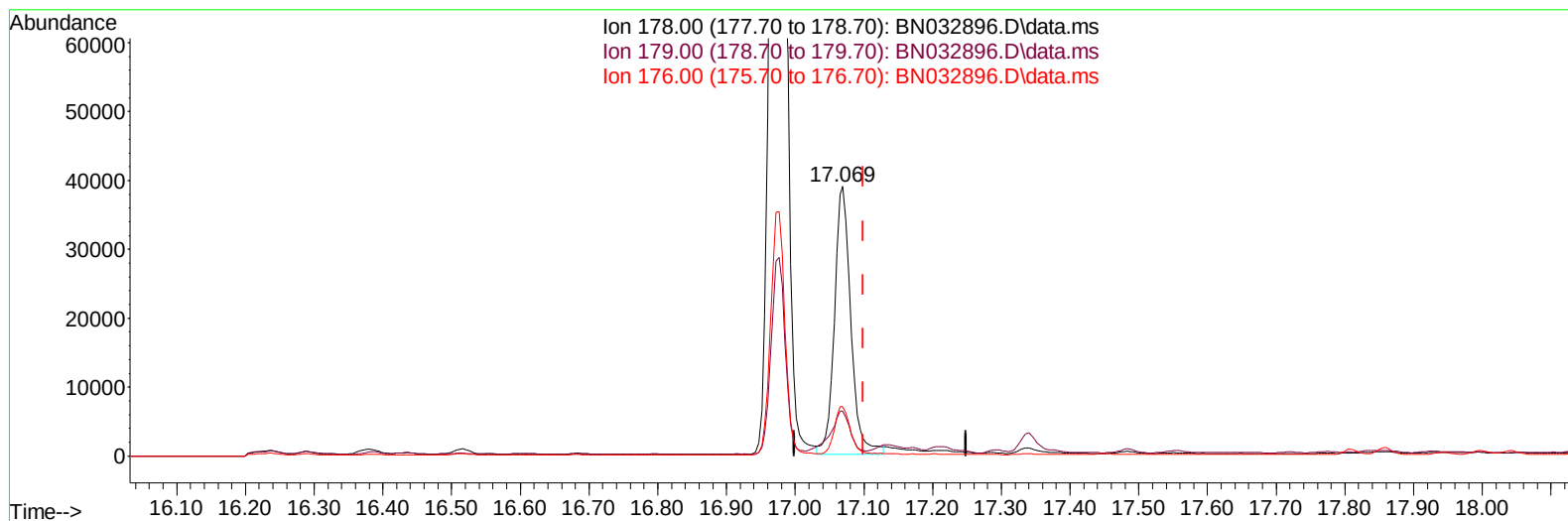
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(16) Anthracene

17.069min (-0.029) 2.24 ng/ul m

response 64401

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.70
176.00	19.20	18.38
0.00	0.00	0.00

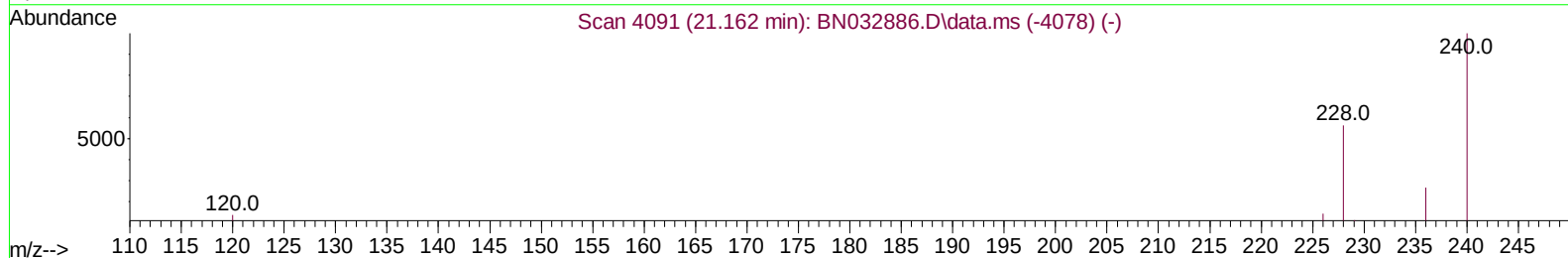
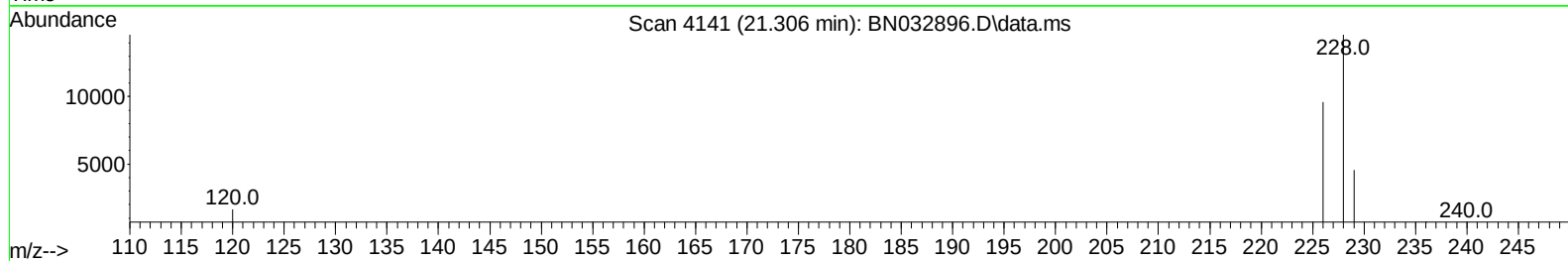
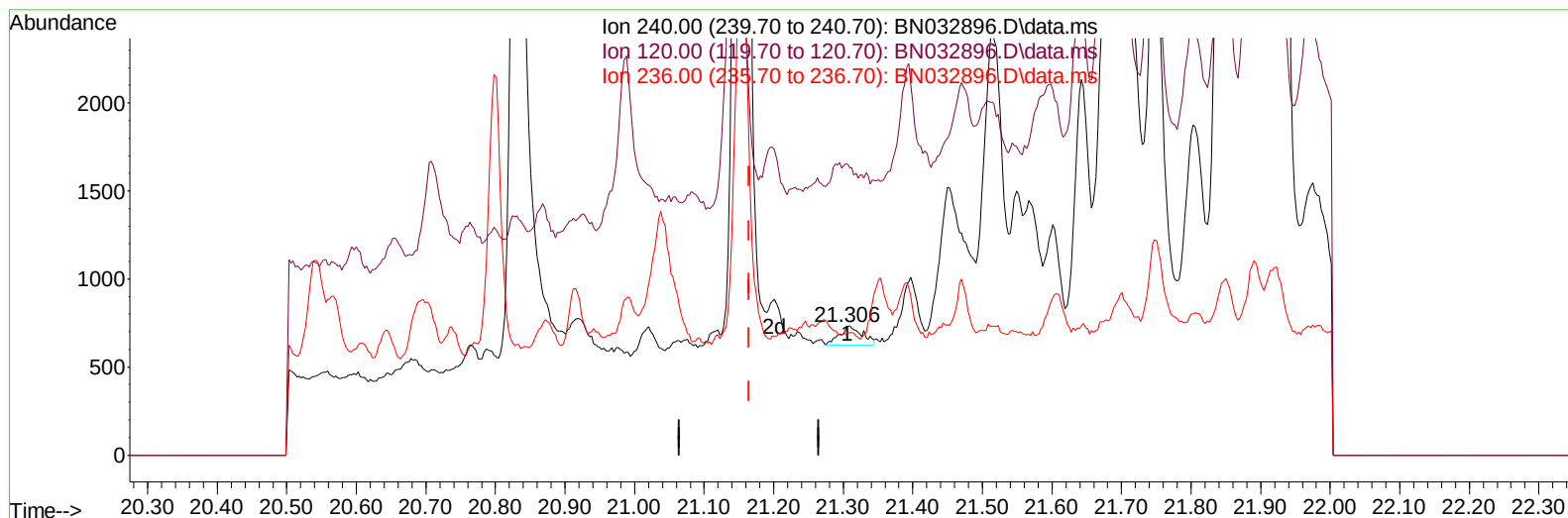
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032896.D\data.ms

(17) Chrysene-d12

21.306min (+ 0.142) 0.40 ng/u1

response 250

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	225.41#
236.00	28.40	95.22#
0.00	0.00	0.00

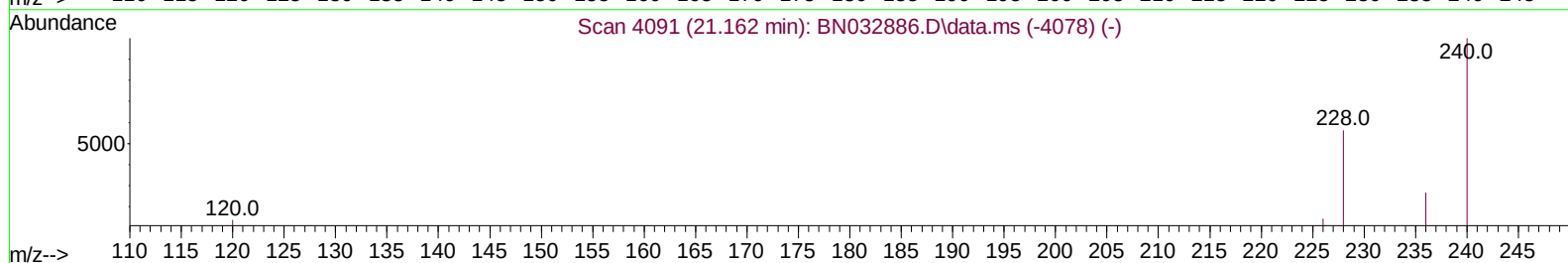
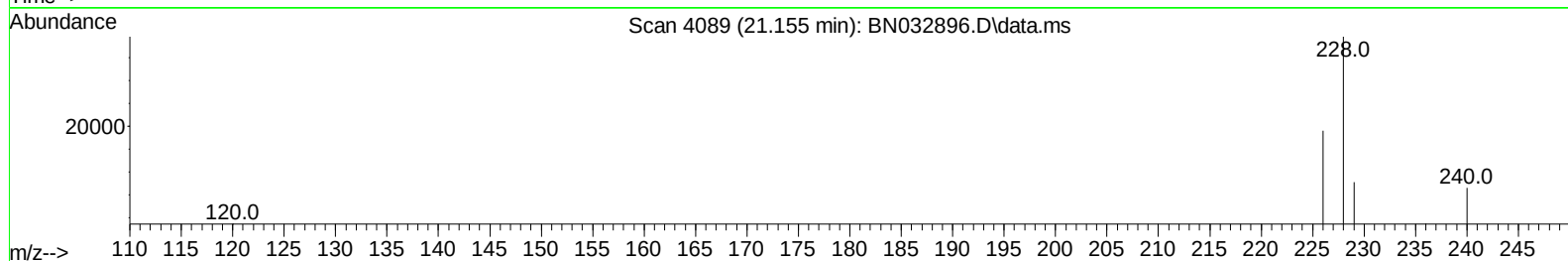
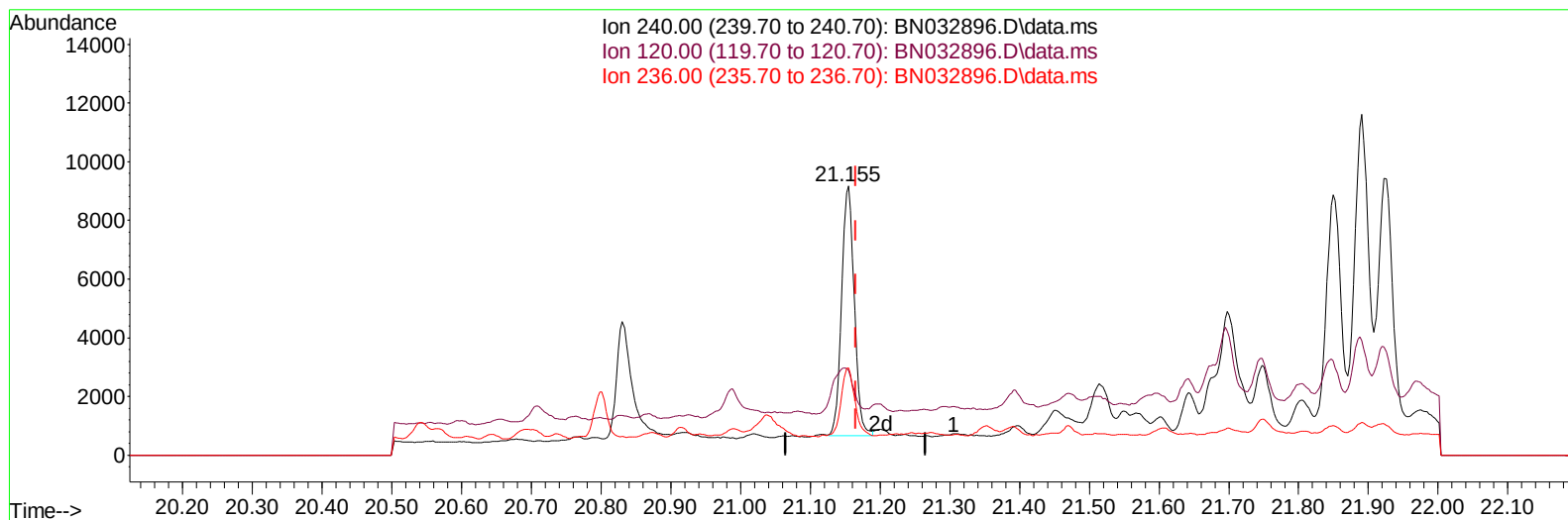
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(17) Chrysene-d12

21.155min (-0.010) 0.40 ng/ul m

response 10675

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	31.38#
236.00	28.40	32.46
0.00	0.00	0.00

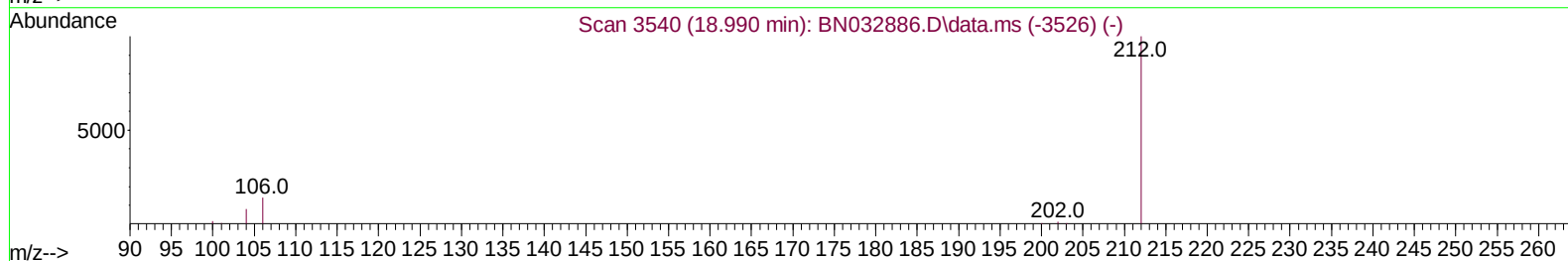
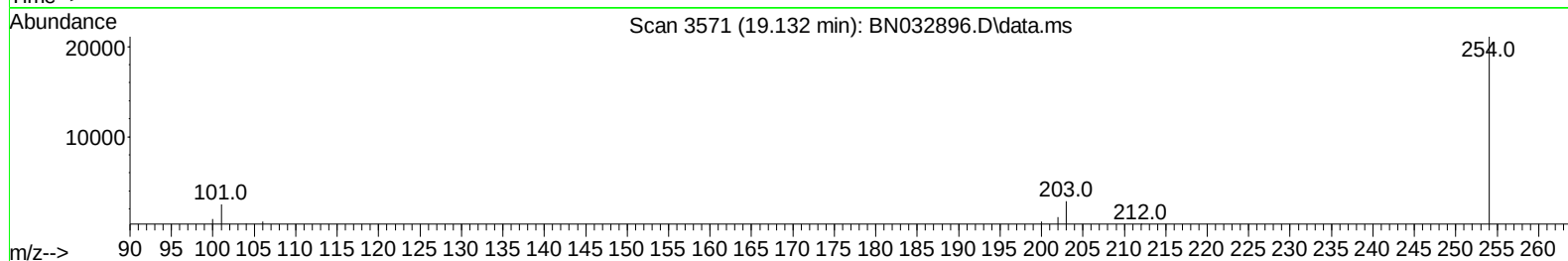
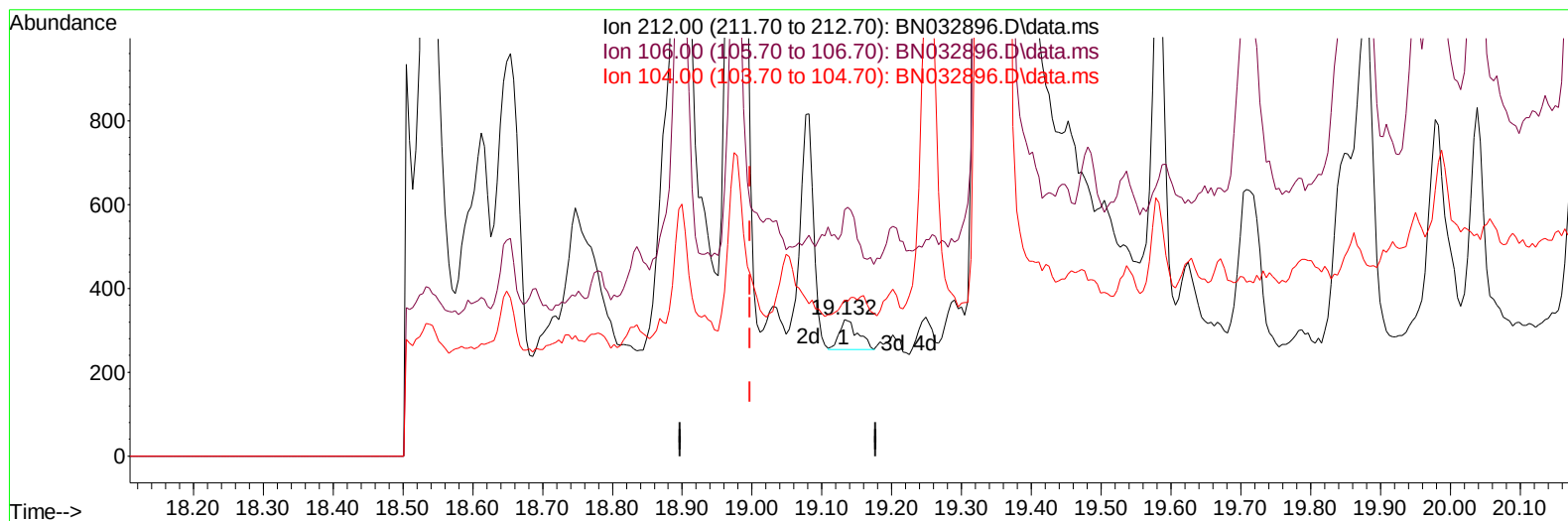
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
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TIC: BN032896.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.132min (+ 0.135) 0.00 ng/u1

response 130

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	155.38#
104.00	9.00	0.00#
0.00	0.00	0.00

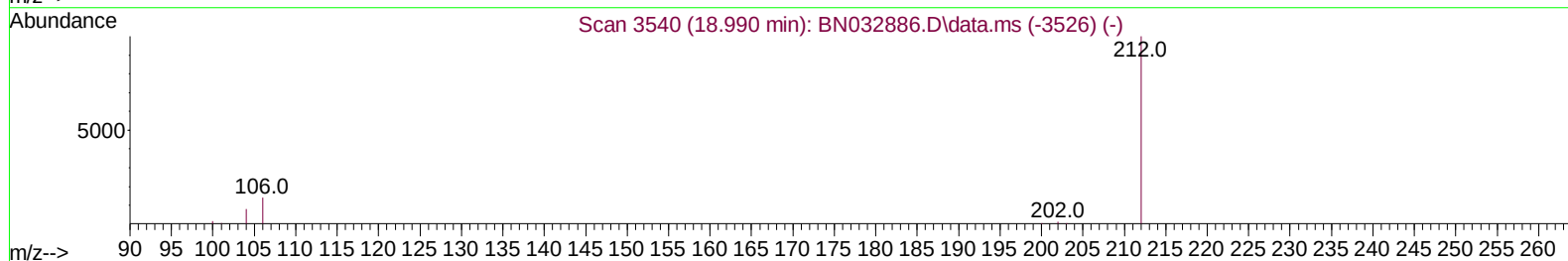
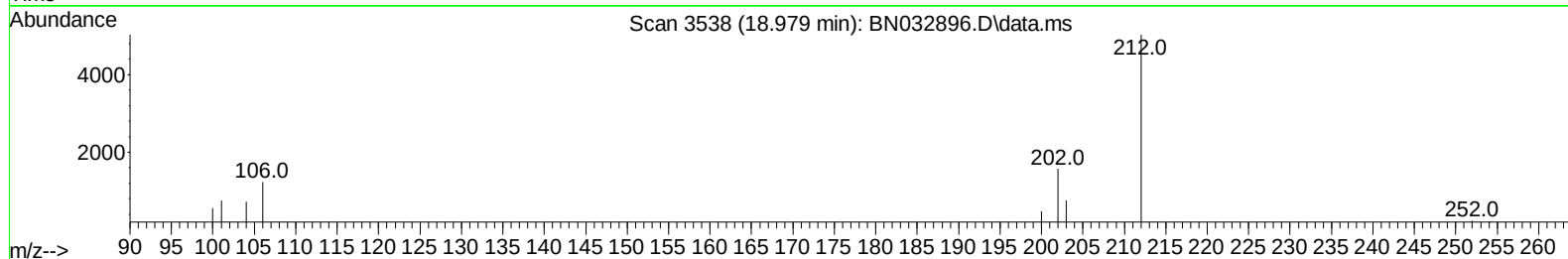
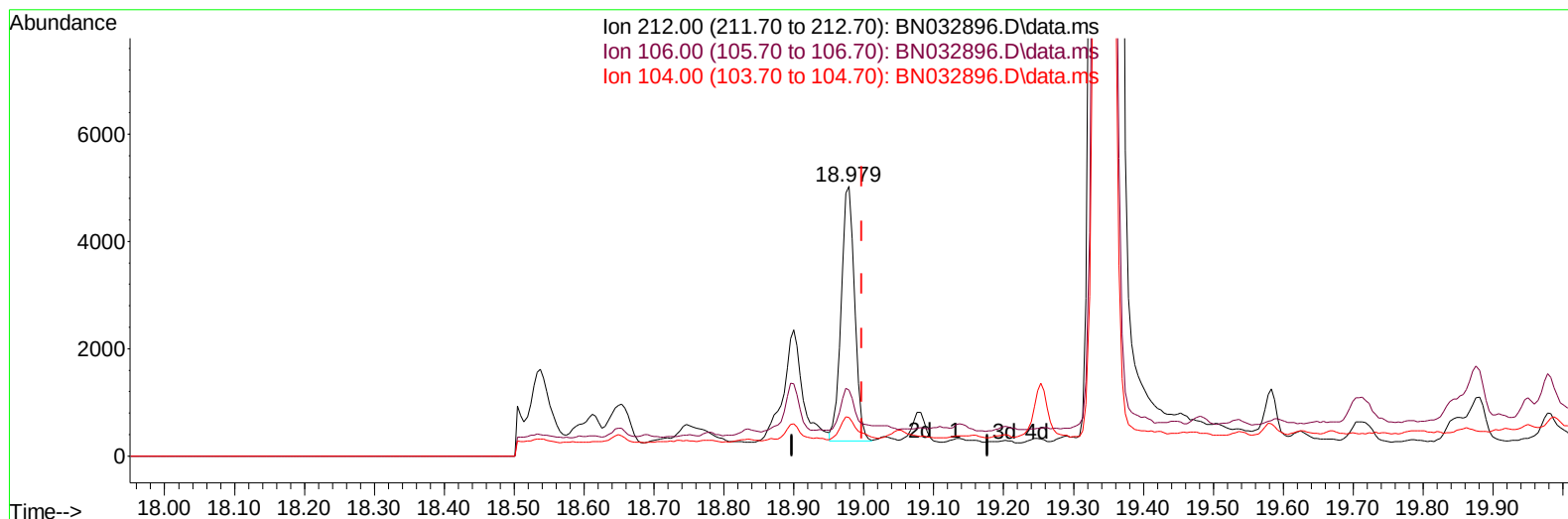
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
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TIC: BN032896.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.979min (-0.018) 0.18 ng/ul m

response 6424

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	3.14#
104.00	9.00	0.00#
0.00	0.00	0.00

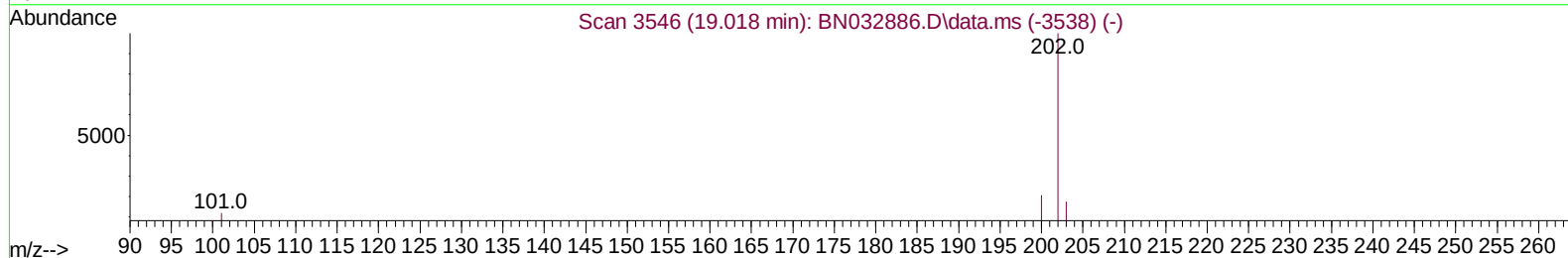
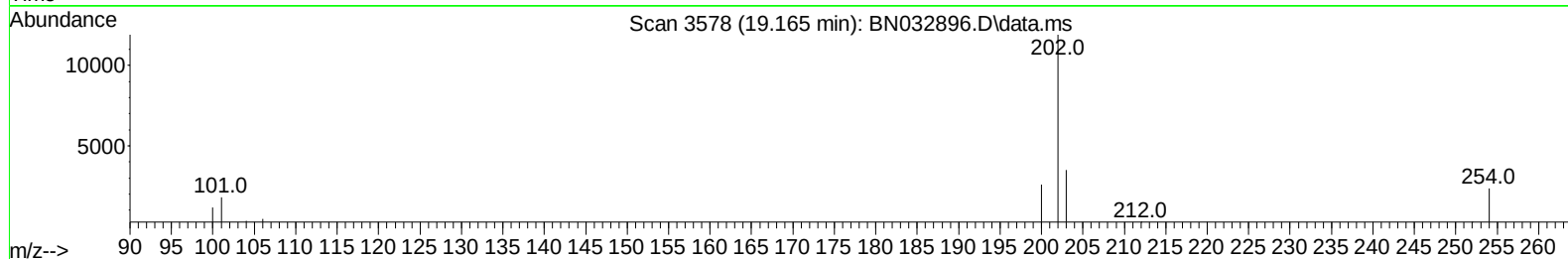
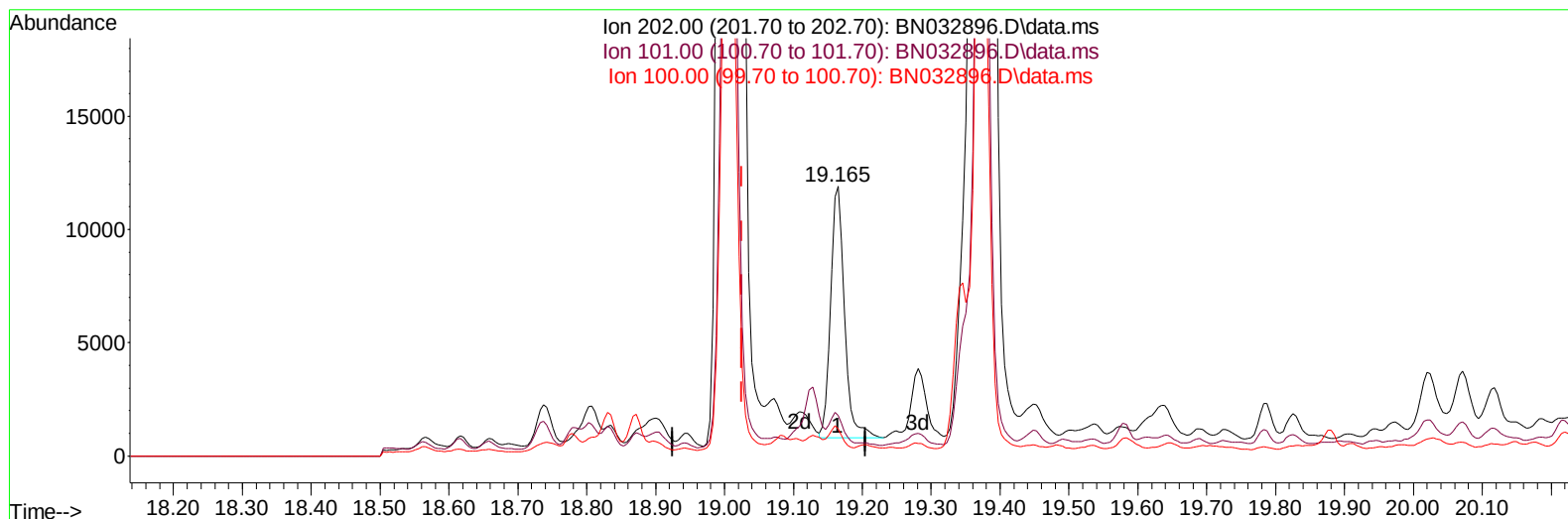
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(19) Fluoranthene (C)

19.165min (+ 0.140) 0.36 ng/u1

response 15642

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	15.08#
100.00	9.90	9.93
0.00	0.00	0.00

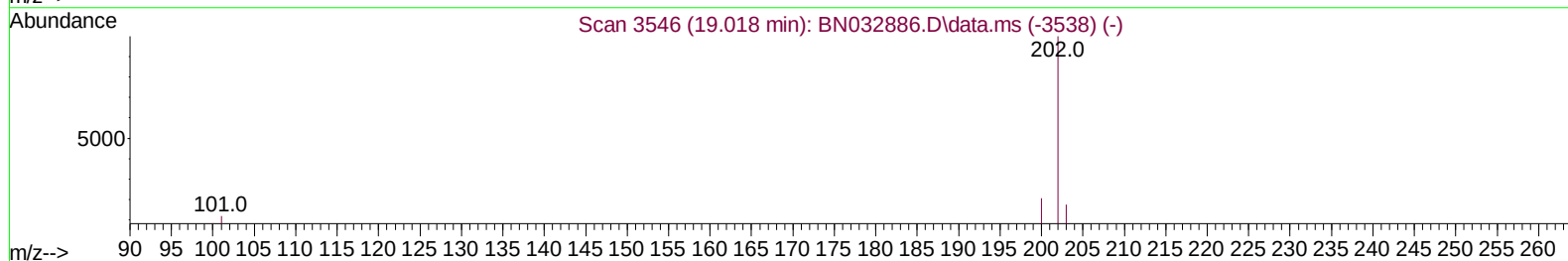
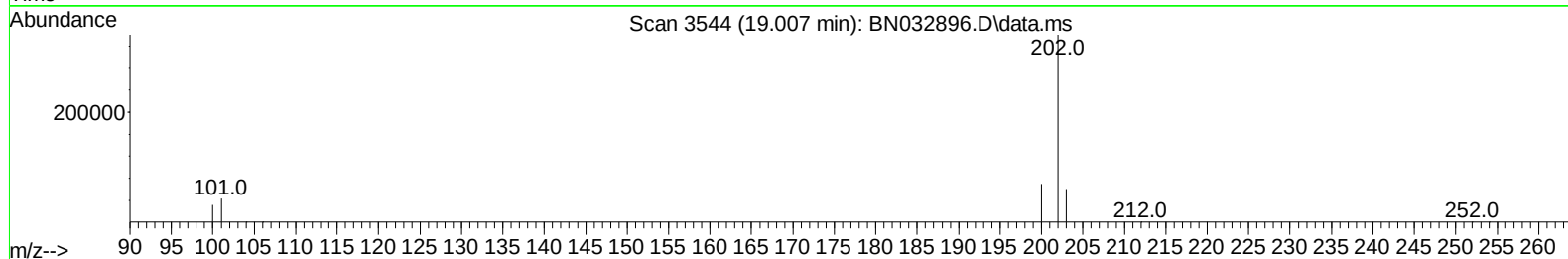
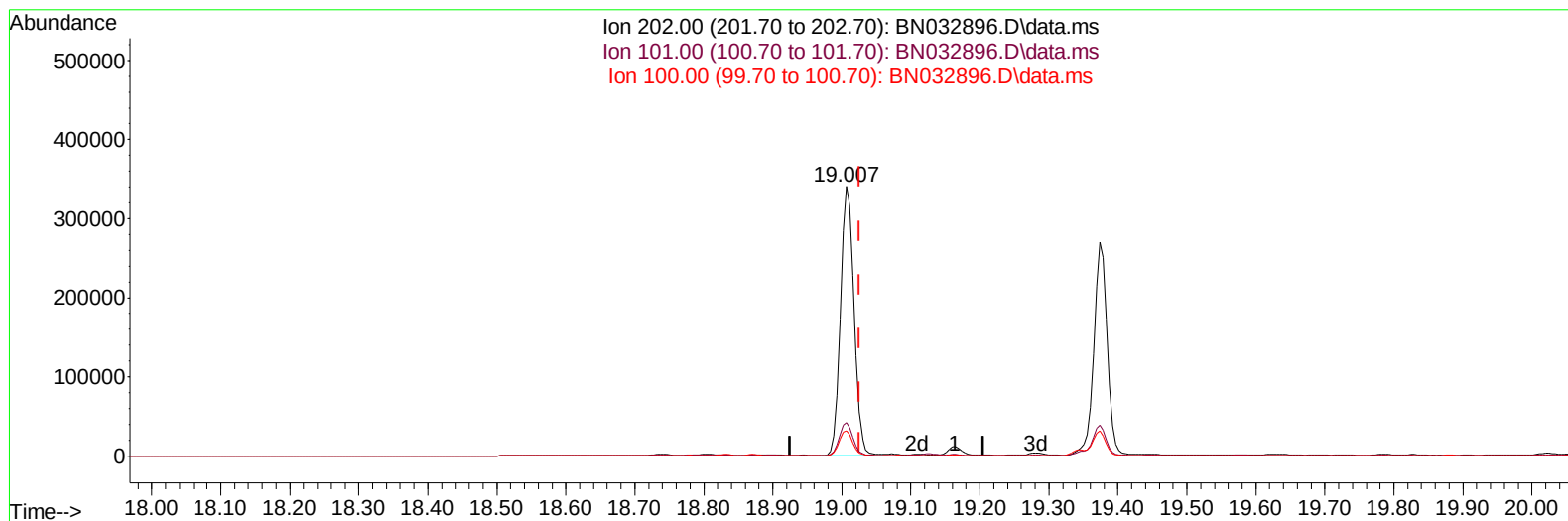
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(19) Fluoranthene (C)

19.007min (-0.018) 10.75 ng/ul m

response 466576

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.51
100.00	9.90	9.36
0.00	0.00	0.00

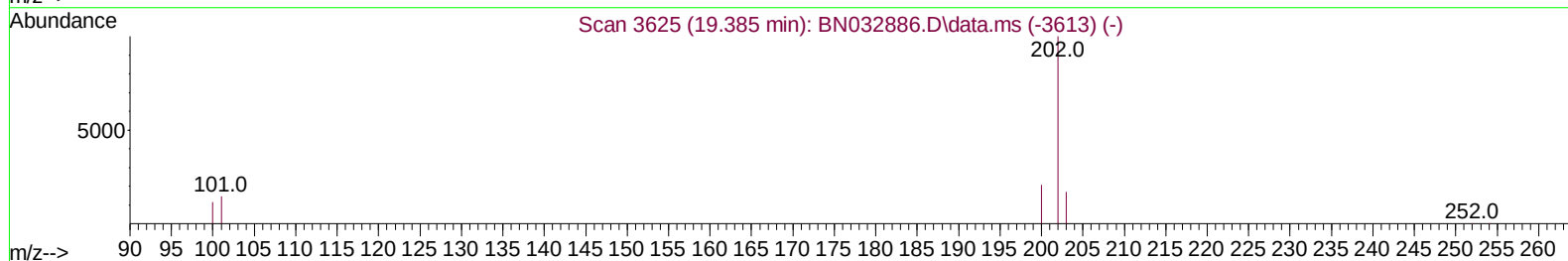
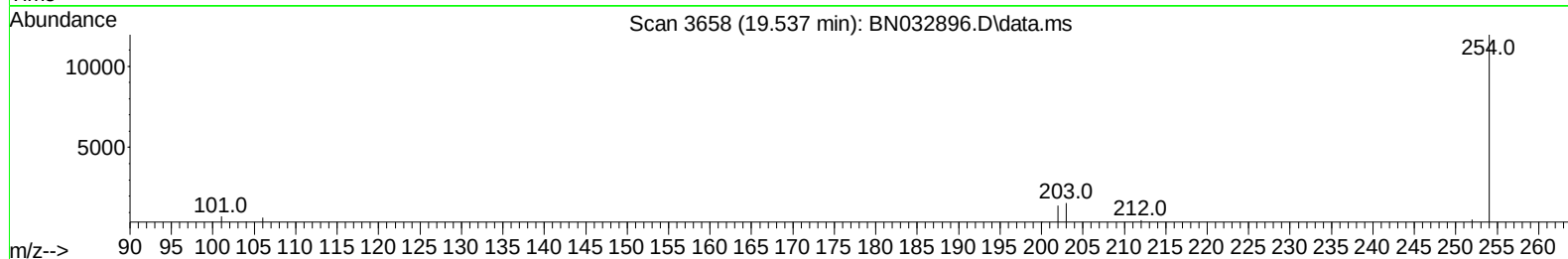
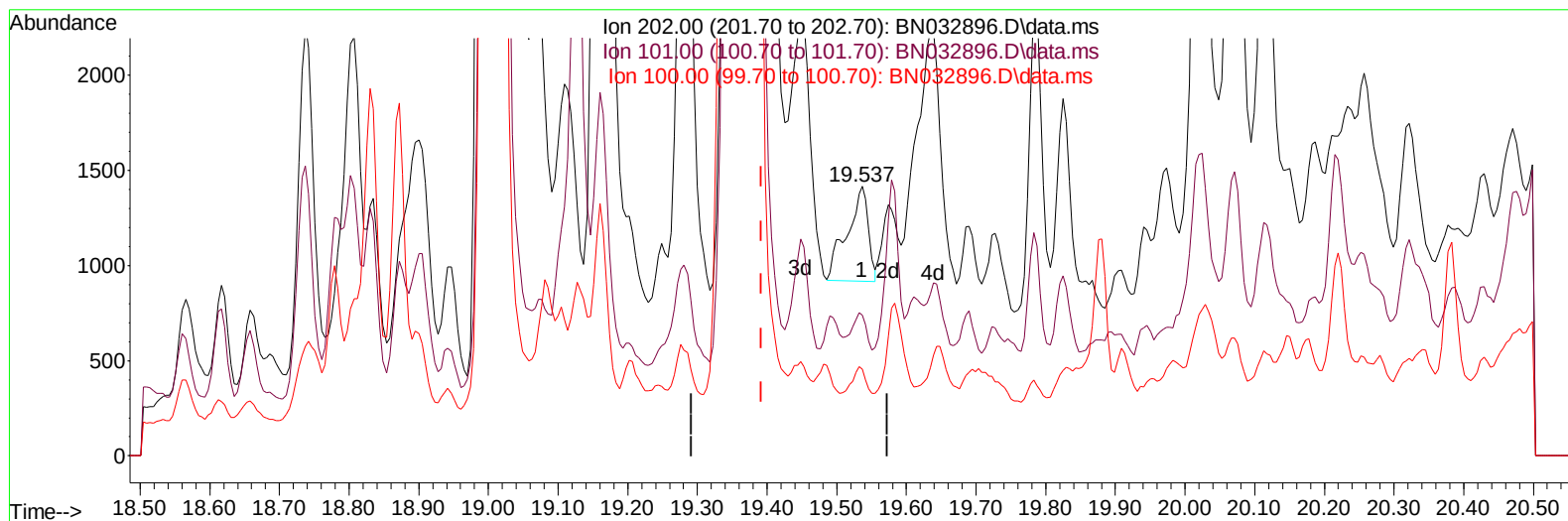
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(20) Pyrene

19.537min (+ 0.144) 0.02 ng/u1

response 1061

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	52.30#
100.00	12.00	32.08#
0.00	0.00	0.00

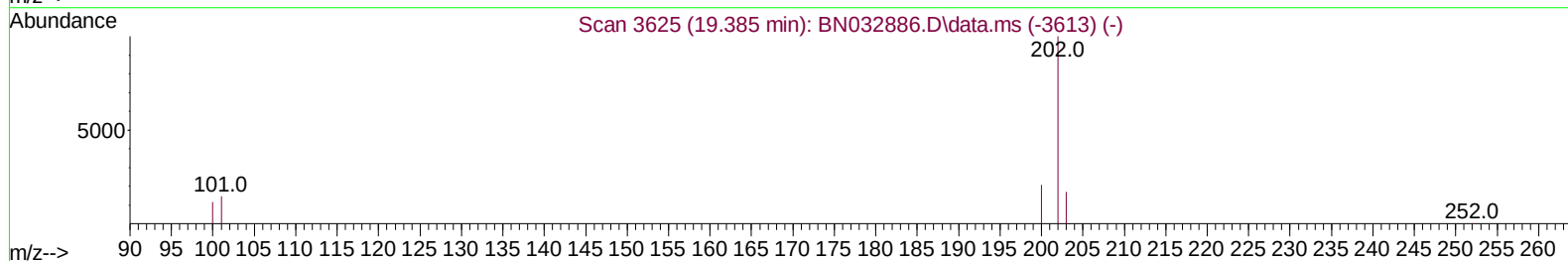
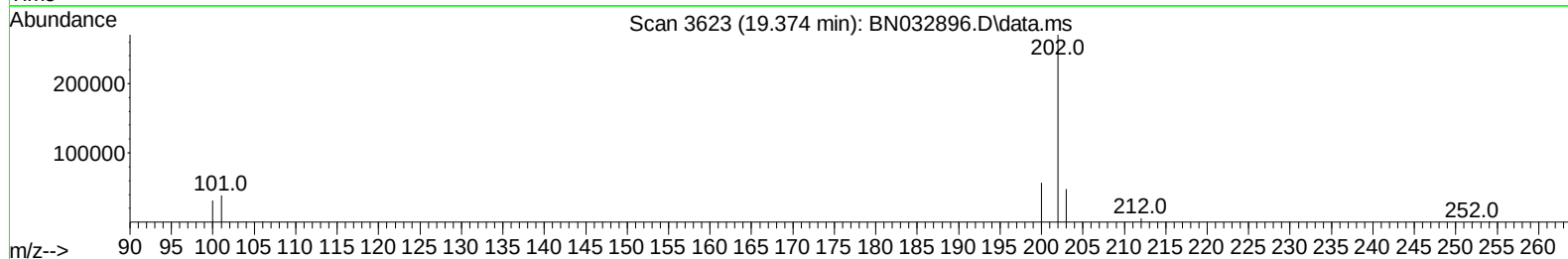
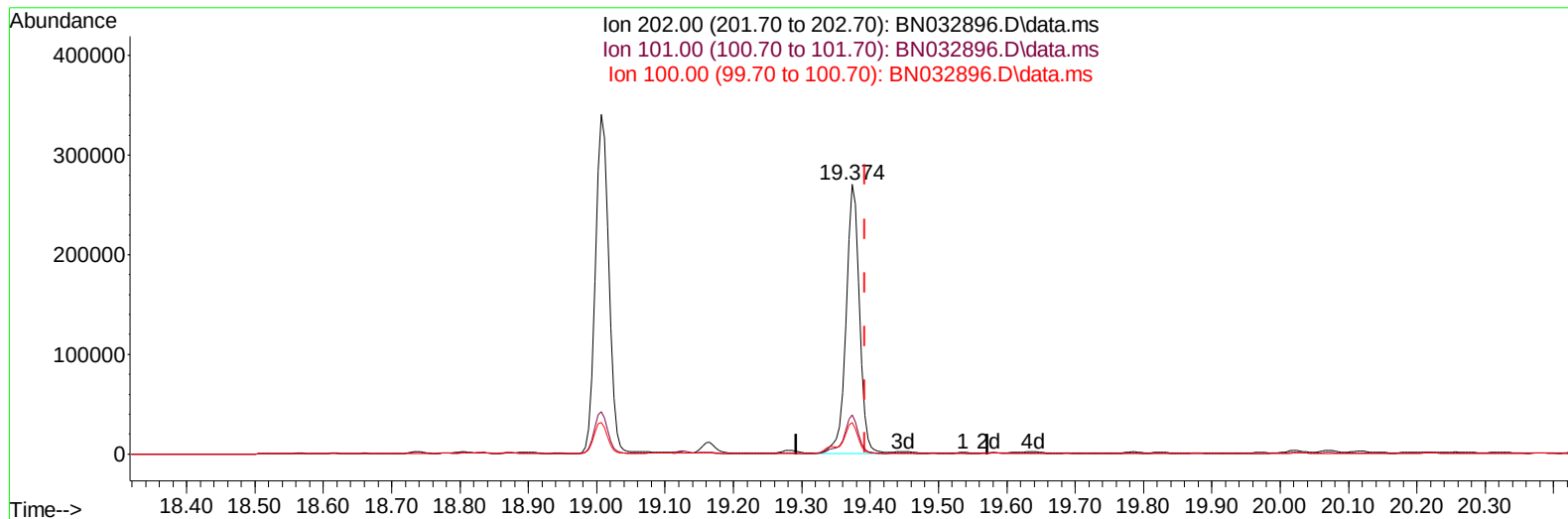
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(20) Pyrene

19.374min (-0.018) 8.20 ng/ul m

response 368591

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.43
100.00	12.00	11.73
0.00	0.00	0.00

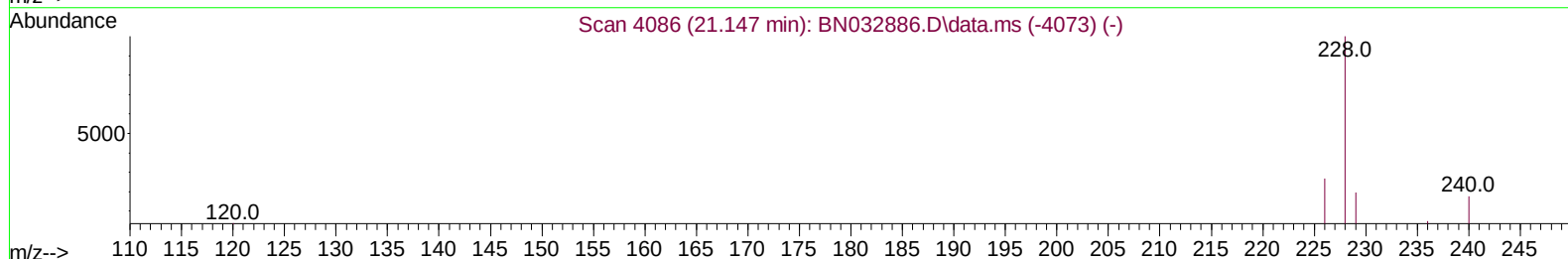
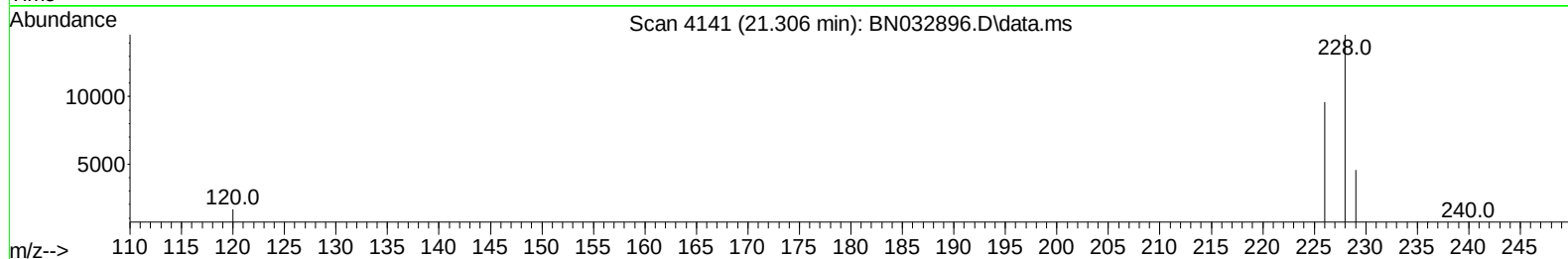
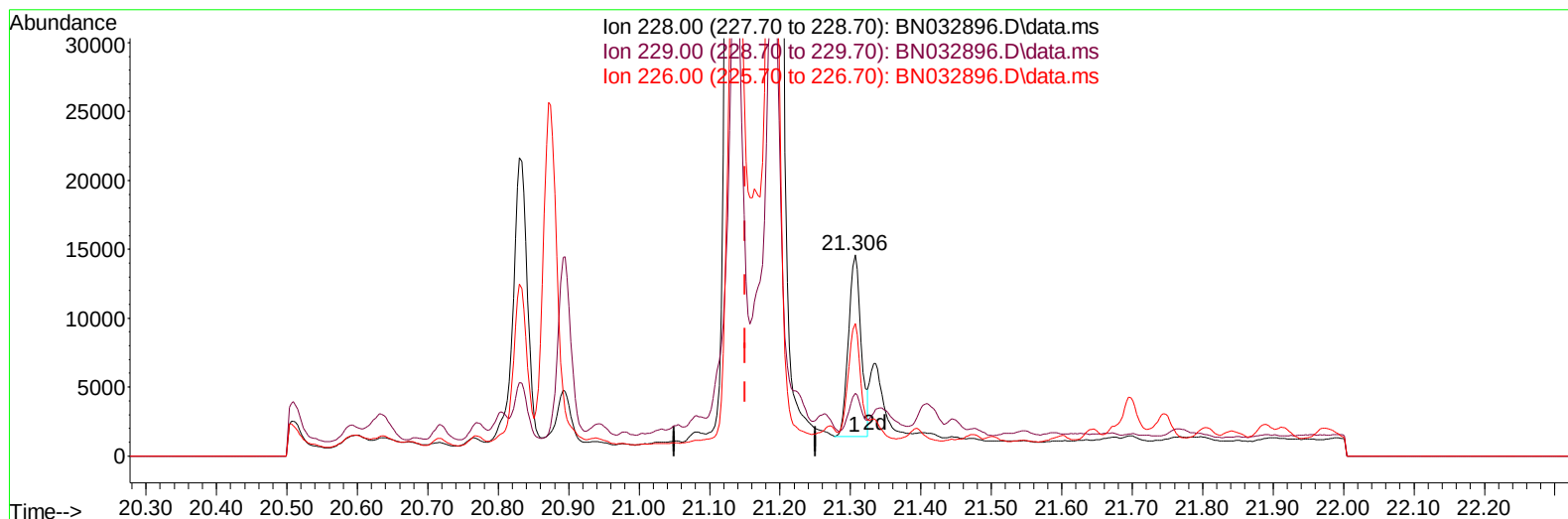
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
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TIC: BN032896.D\data.ms

(21) Benzo(a)anthracene

21.306min (+ 0.156) 0.48 ng/uI

response 16393

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	31.31#
226.00	27.40	65.78#
0.00	0.00	0.00

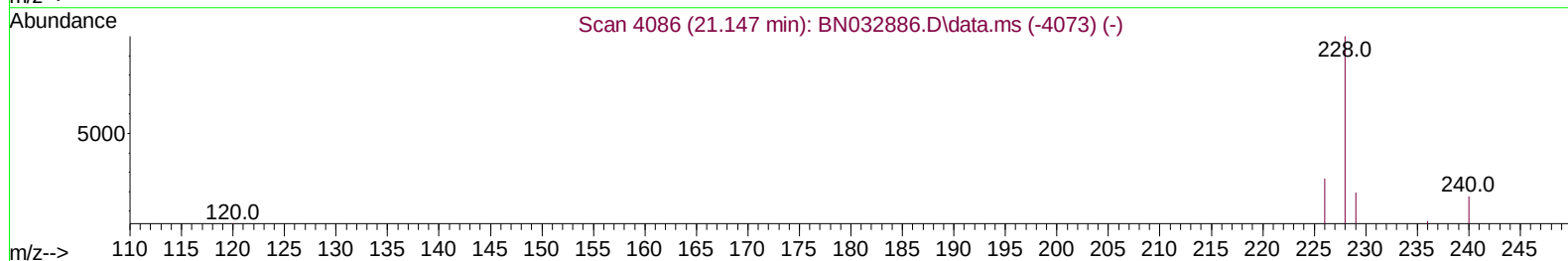
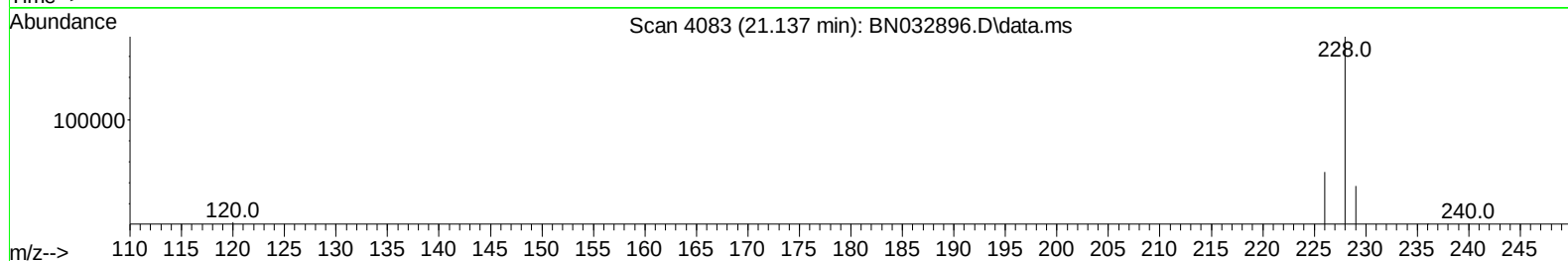
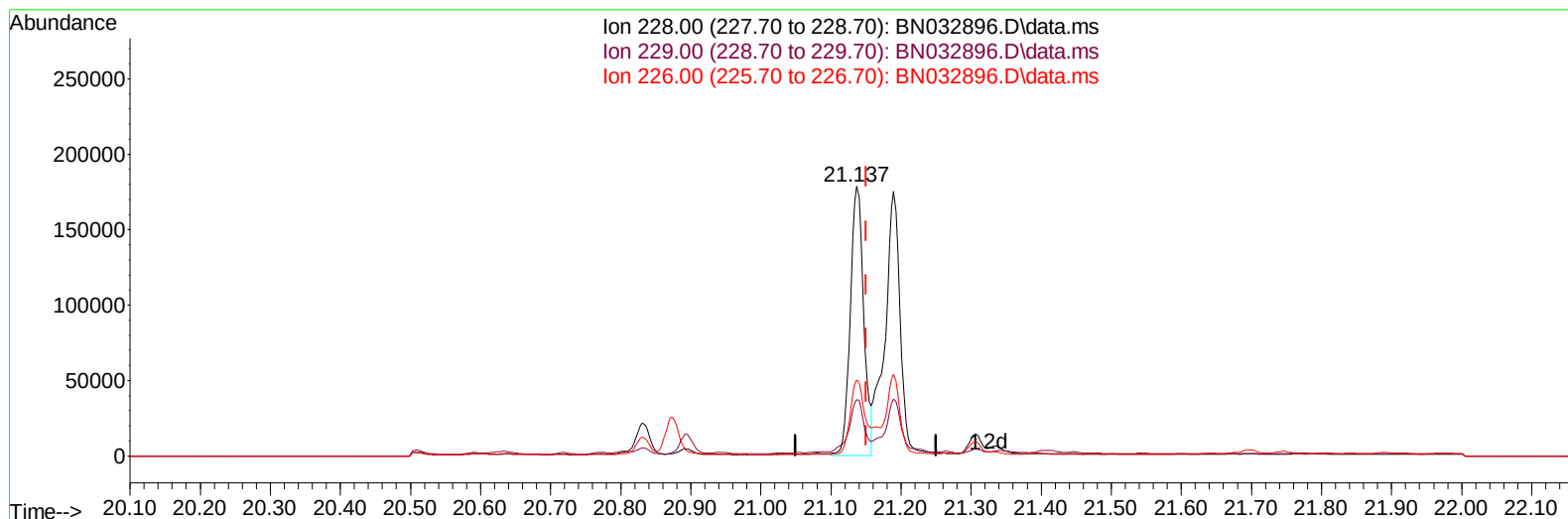
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(21) Benzo(a)anthracene

21.137min (-0.013) 7.01 ng/ul m

response 238081

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.96
226.00	27.40	28.30
0.00	0.00	0.00

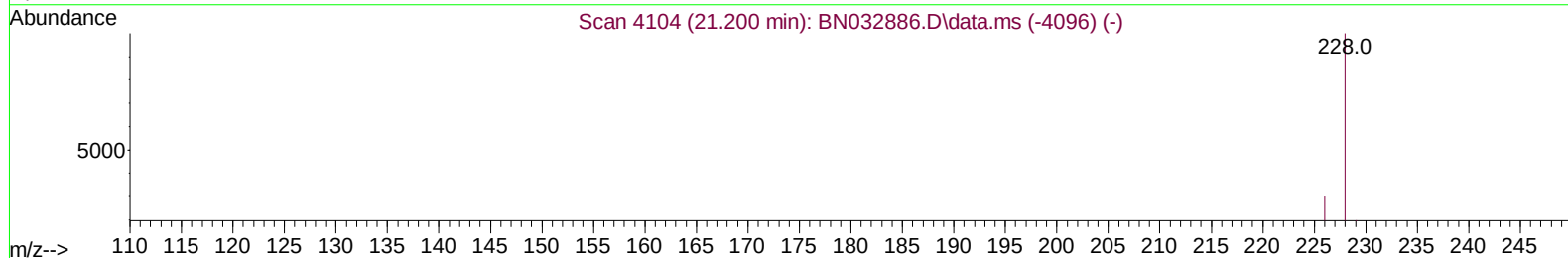
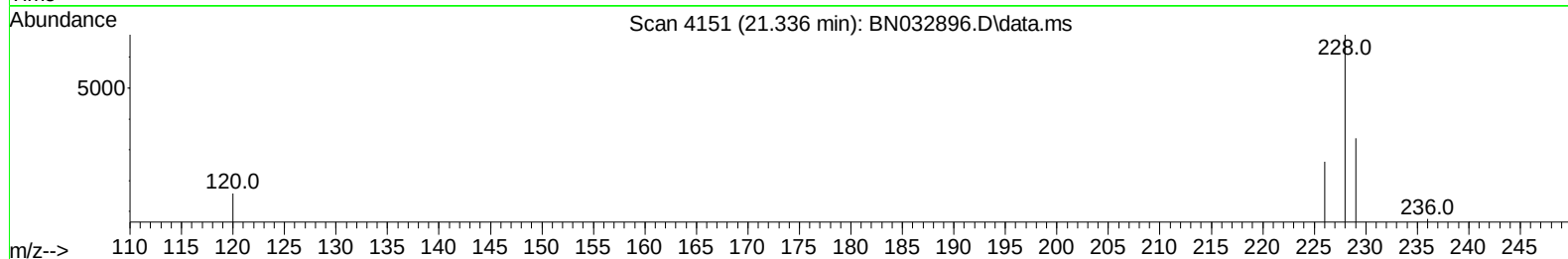
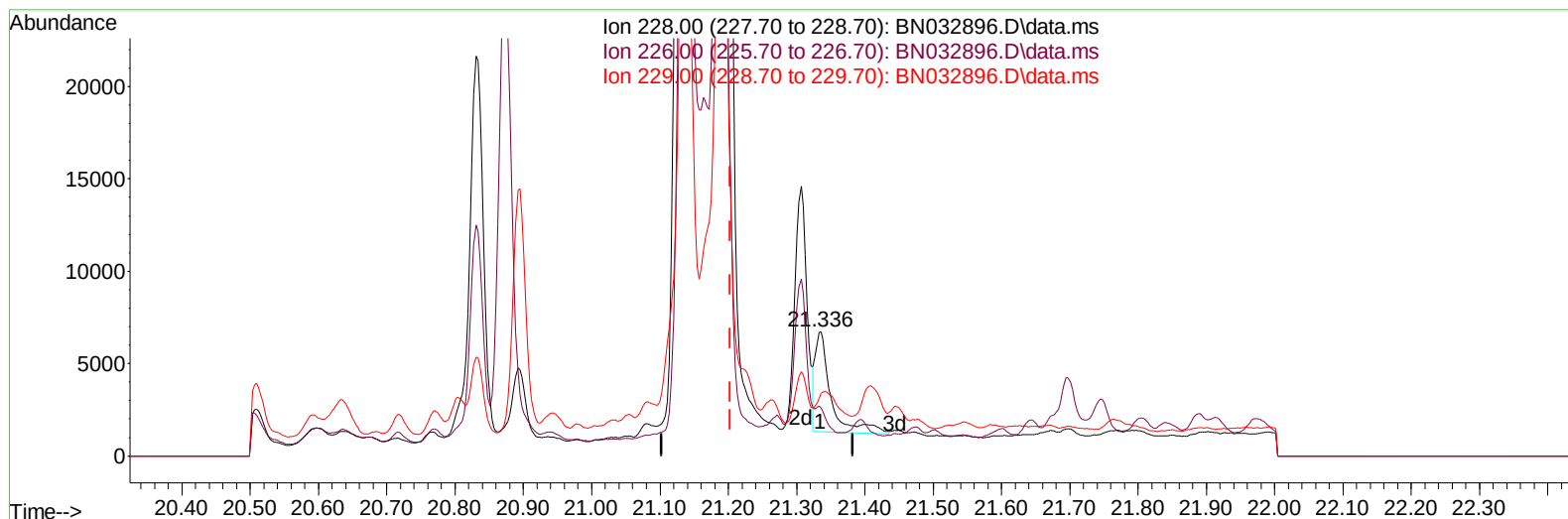
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(22) Chrysene

21.336min (+ 0.133) 0.18 ng/u1

response 8642

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	38.88#
229.00	19.70	50.16#
0.00	0.00	0.00

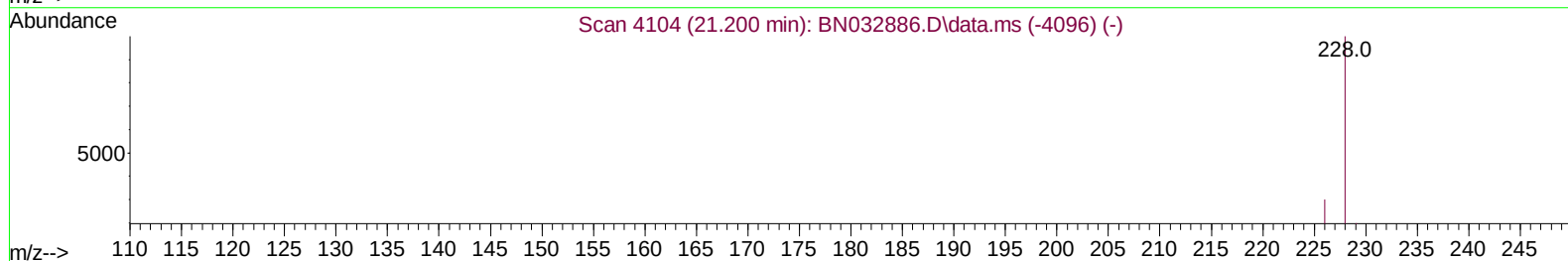
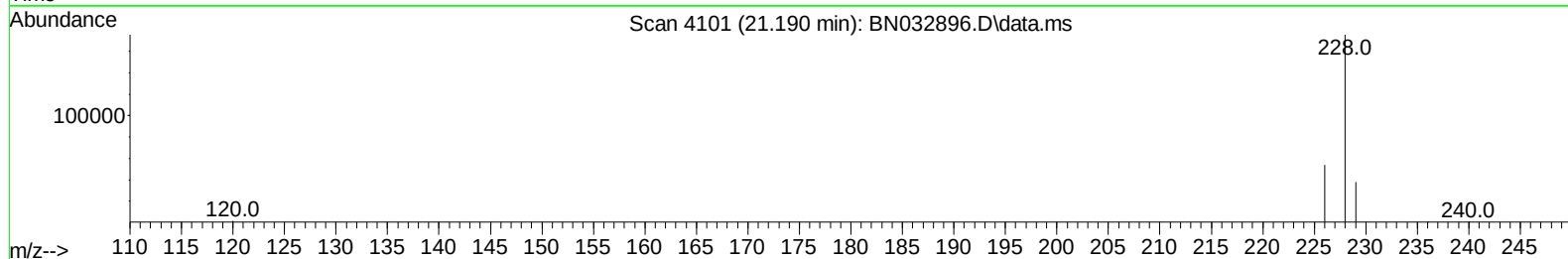
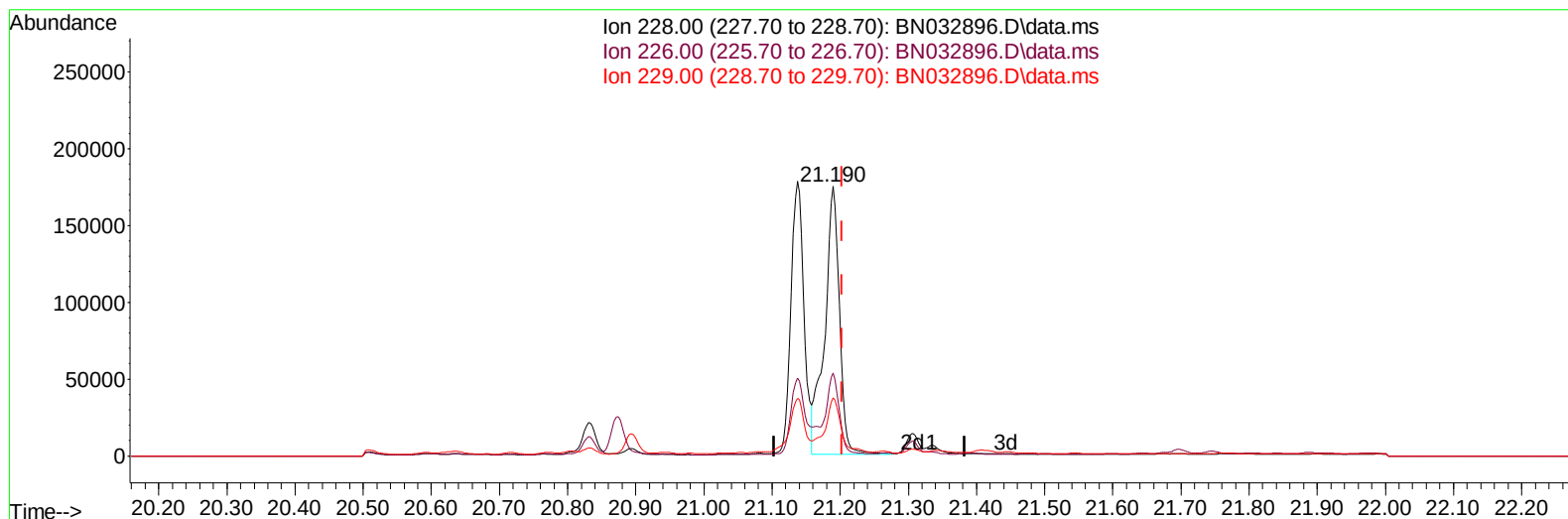
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032896.D
 Acq On : 22 Jul 2024 16:47
 Operator : MA/JU
 Sample : P3215-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(22) Chrysene

21.190min (-0.013) 5.39 ng/ul m

response 264949

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.77
229.00	19.70	21.55
0.00	0.00	0.00

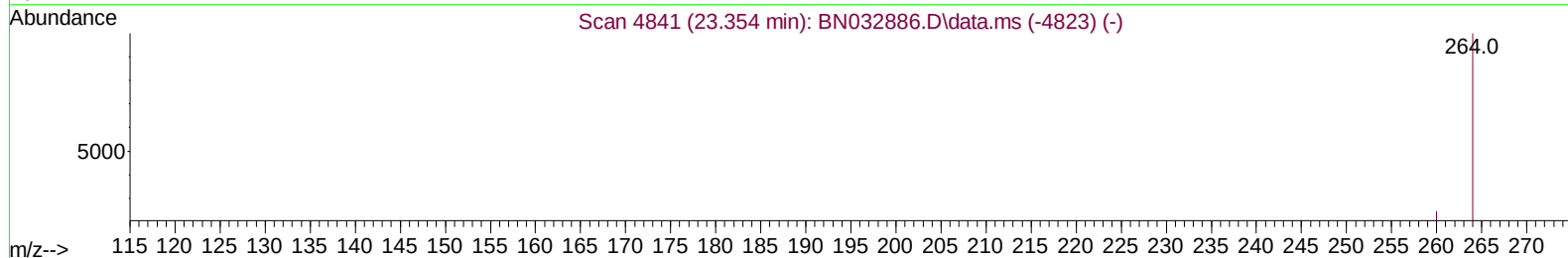
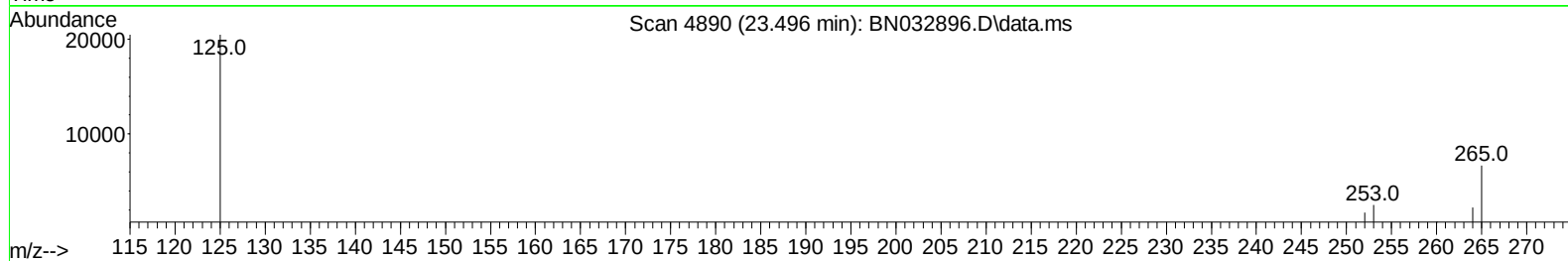
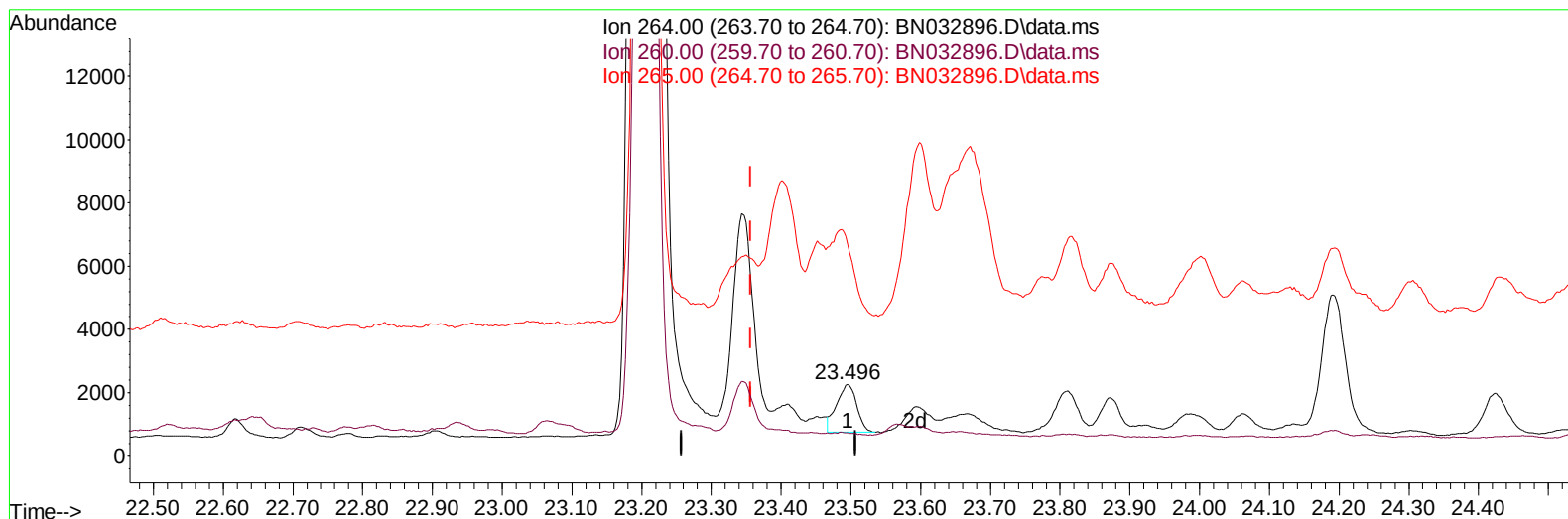
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(23) Perylene-d12 (I)

23.496min (+ 0.139) 0.40 ng/ul

response 3000

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.20#
265.00	95.50	295.05#
0.00	0.00	0.00

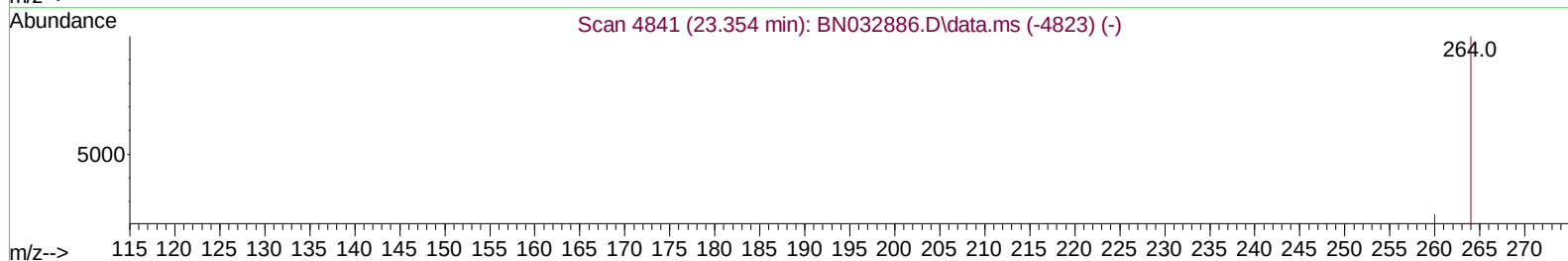
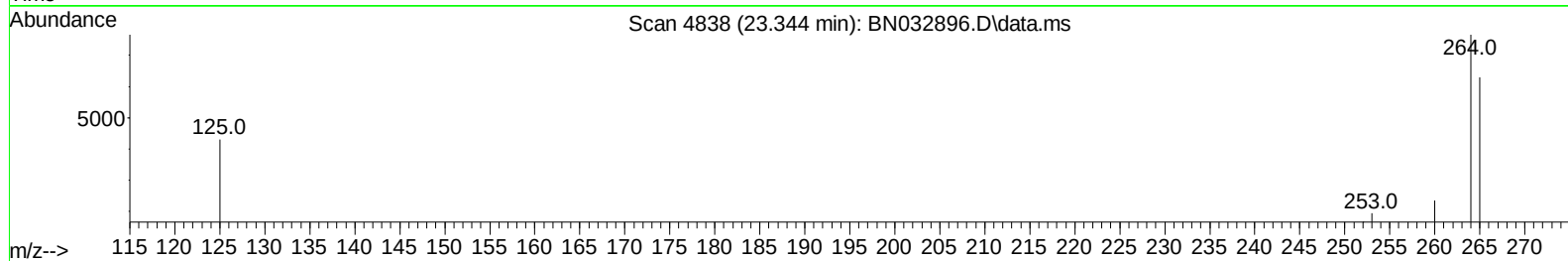
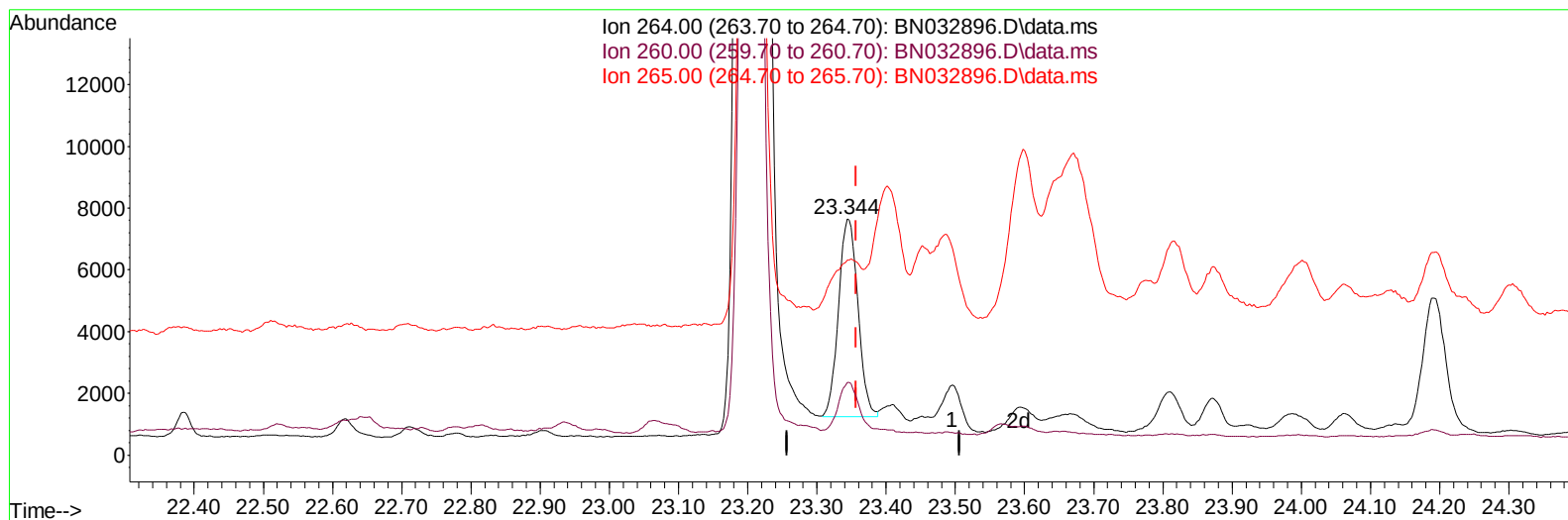
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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

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Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(23) Perylene-d12 (I)

23.344min (-0.013) 0.40 ng/ul m

response 12480

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	30.74
265.00	95.50	82.34
0.00	0.00	0.00

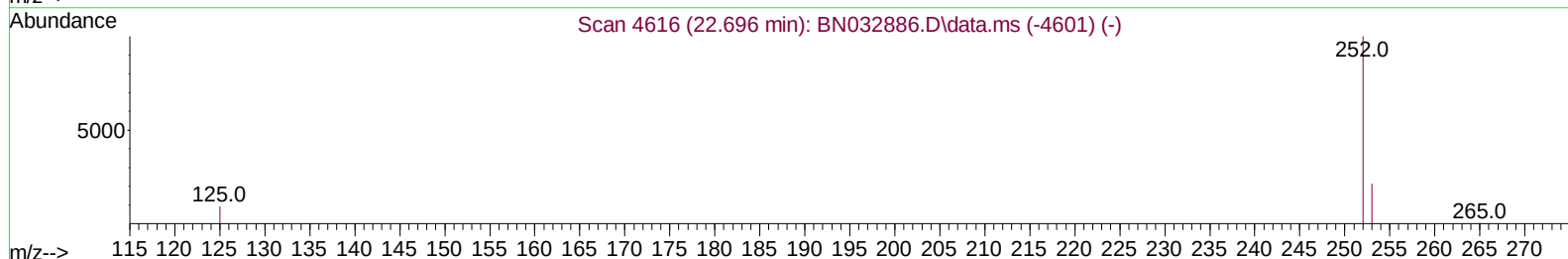
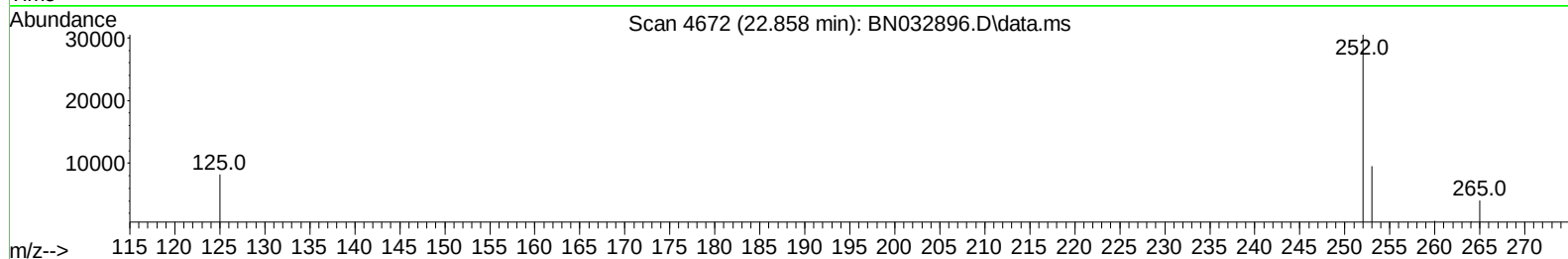
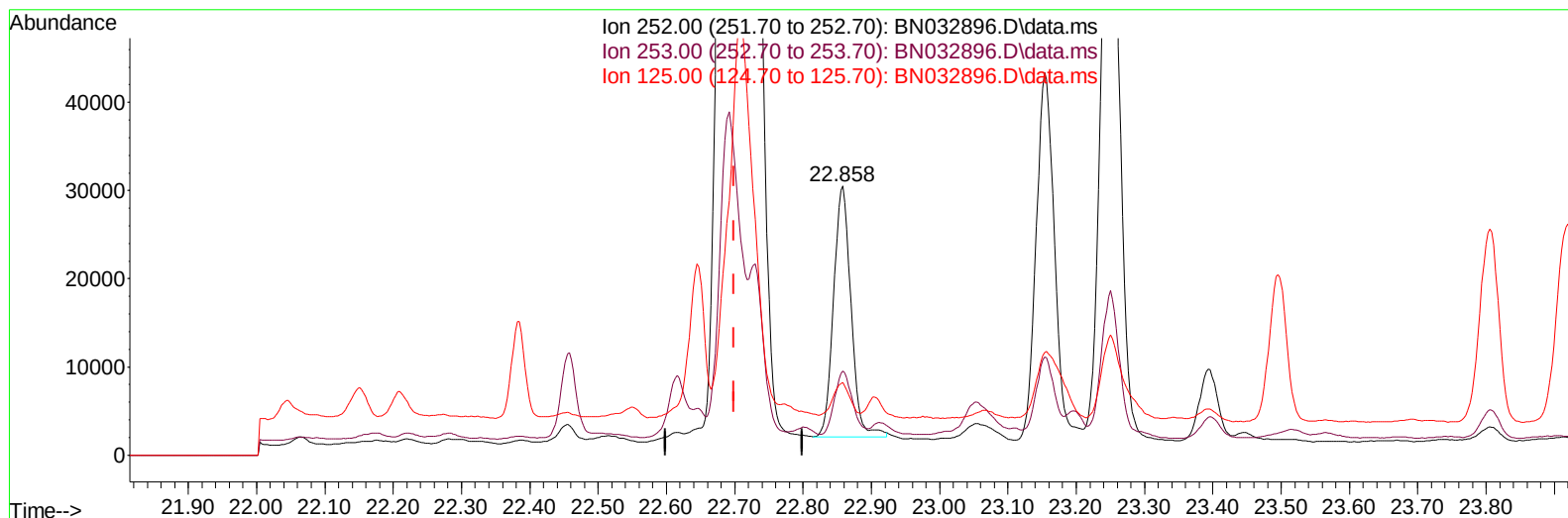
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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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Reviewed By :Yogesh Patel 07/23/2024
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TIC: BN032896.D\data.ms

(24) Benzo(b)fluoranthene

22.858min (+ 0.159) 1.15 ng/u1

response 50431

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.32
125.00	18.00	26.92
0.00	0.00	0.00

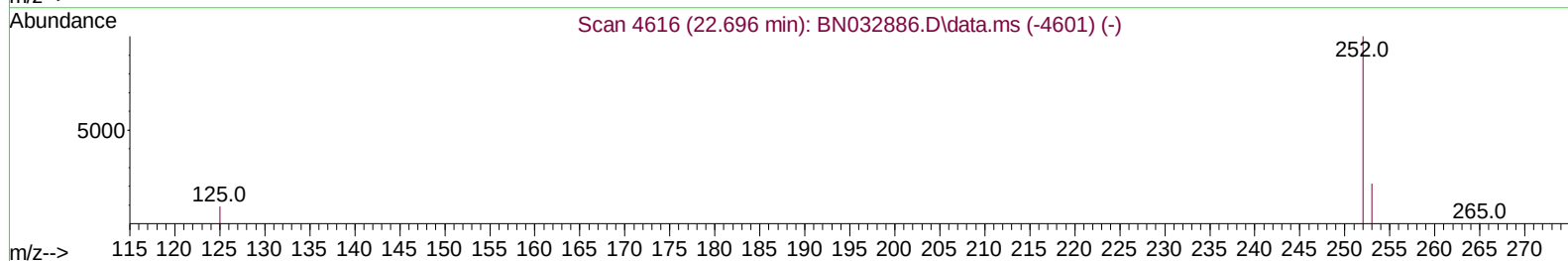
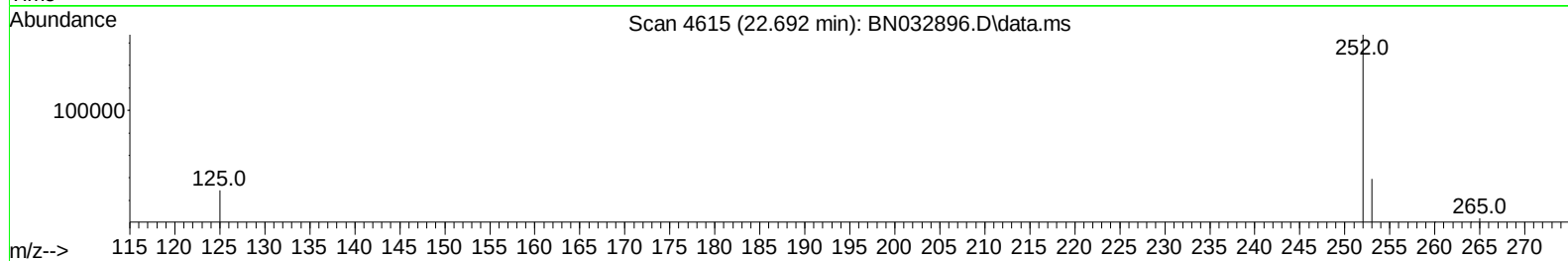
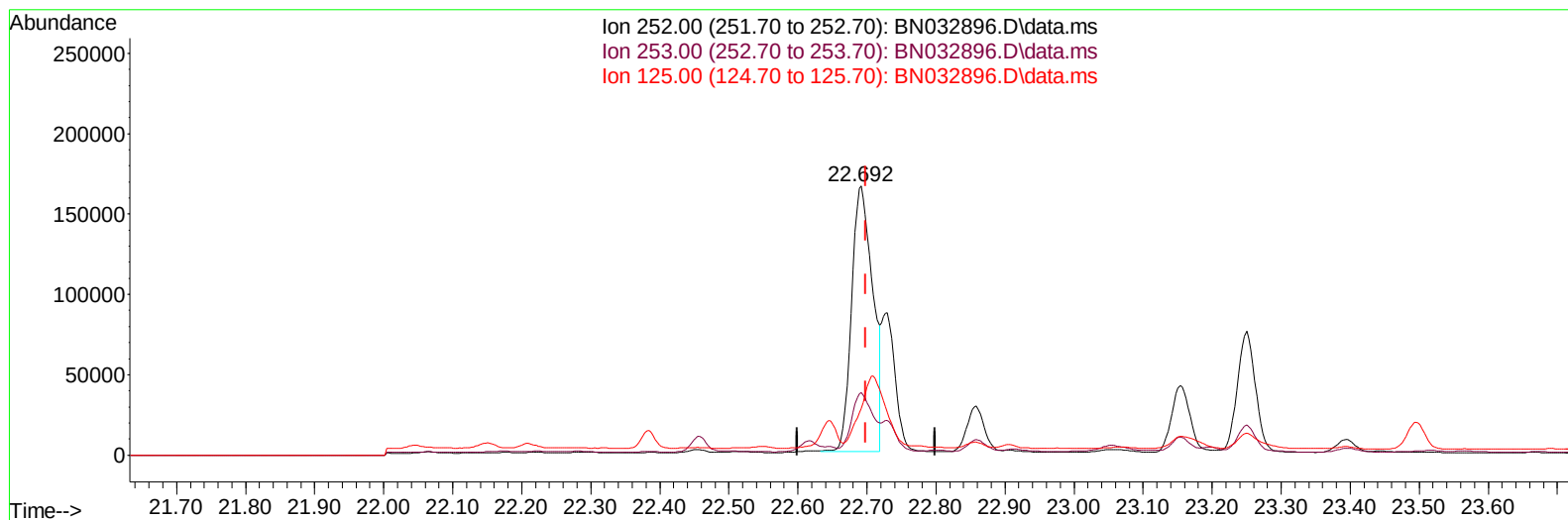
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(24) Benzo(b)fluoranthene

22.692min (-0.007) 7.95 ng/ul m

response 350120

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	23.26
125.00	18.00	17.27
0.00	0.00	0.00

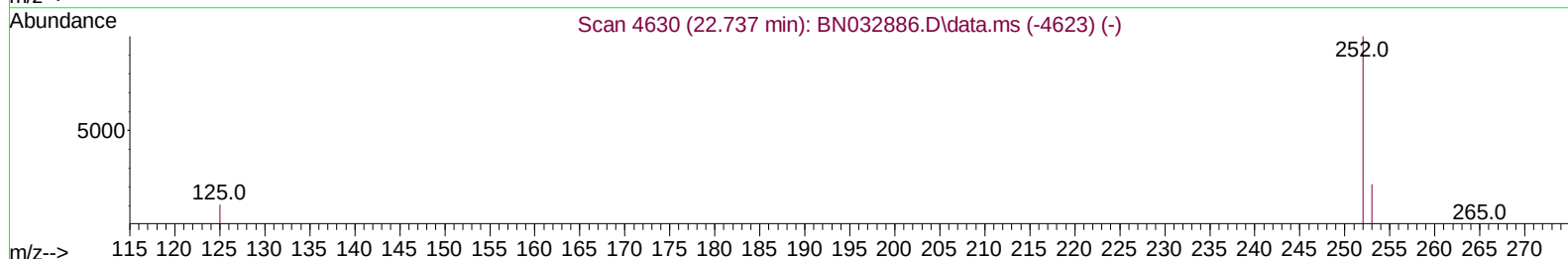
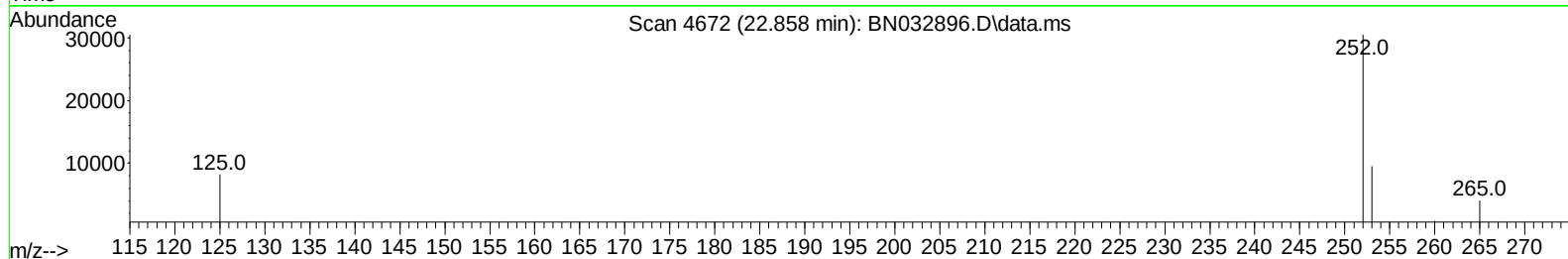
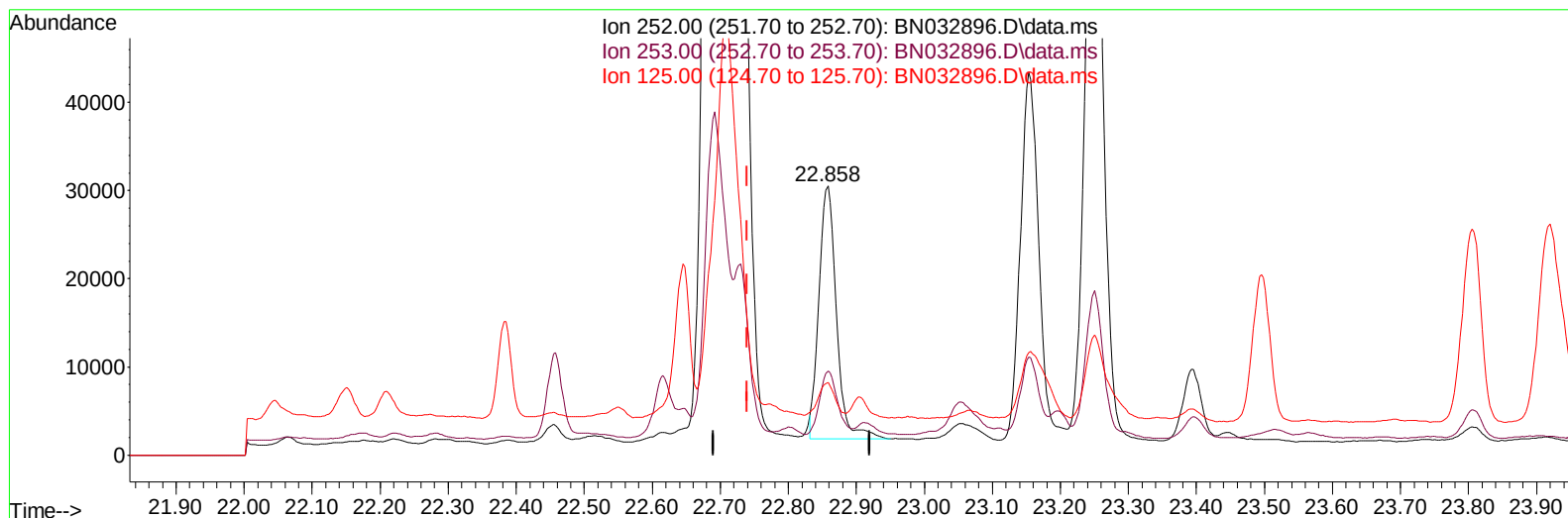
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(25) Benzo(k)fluoranthene

22.858min (+ 0.118) 0.96 ng/u1

response 51388

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	31.32
125.00	18.50	26.92#
0.00	0.00	0.00

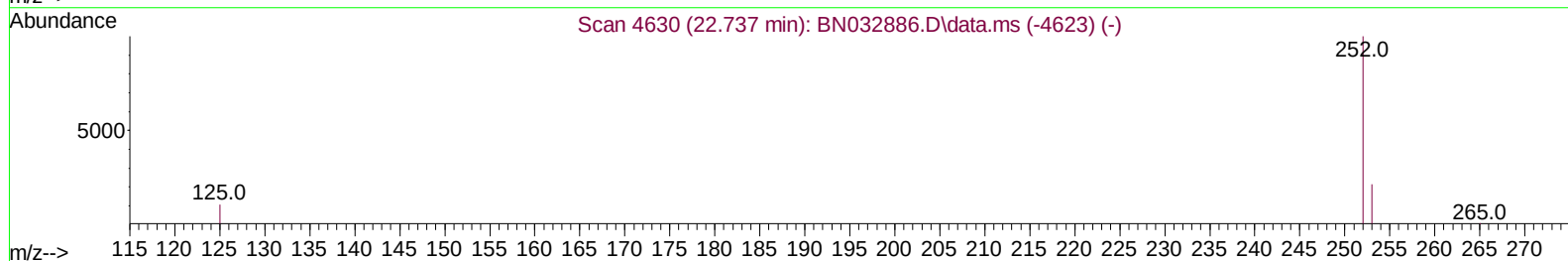
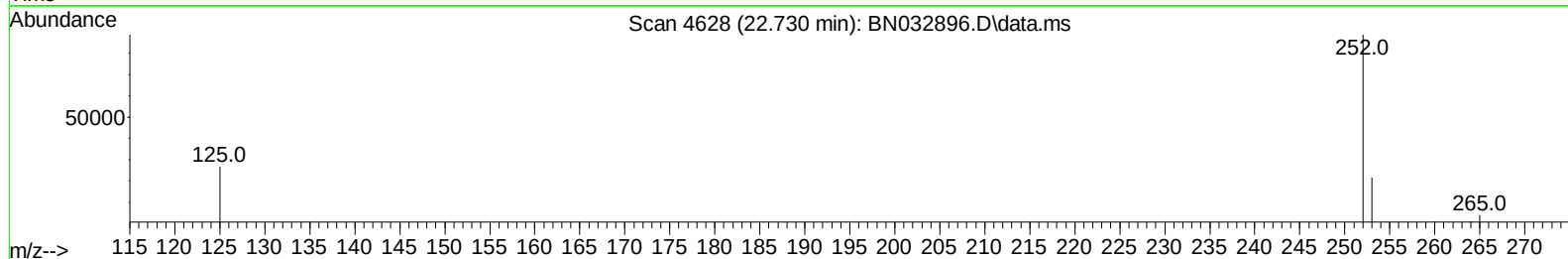
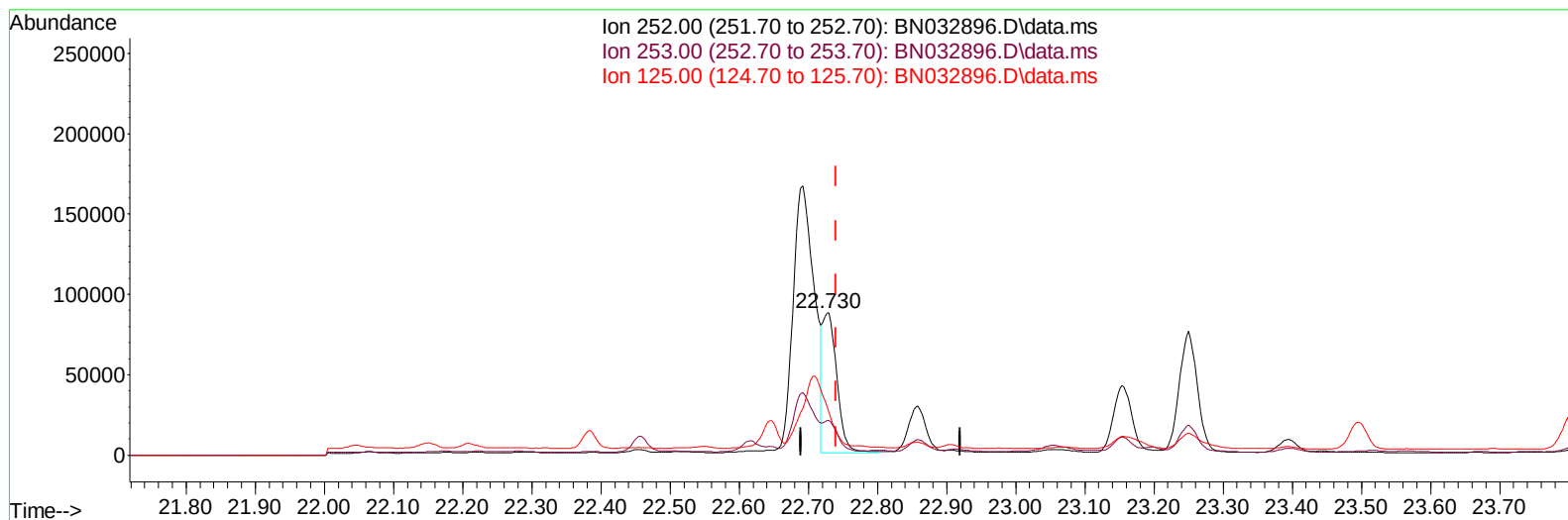
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 17:15:34 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: BN032896.D\data.ms

(25) Benzo(k)fluoranthene

22.730min (-0.010) 2.32 ng/ul m

response 124422

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.43
125.00	18.50	30.15#
0.00	0.00	0.00

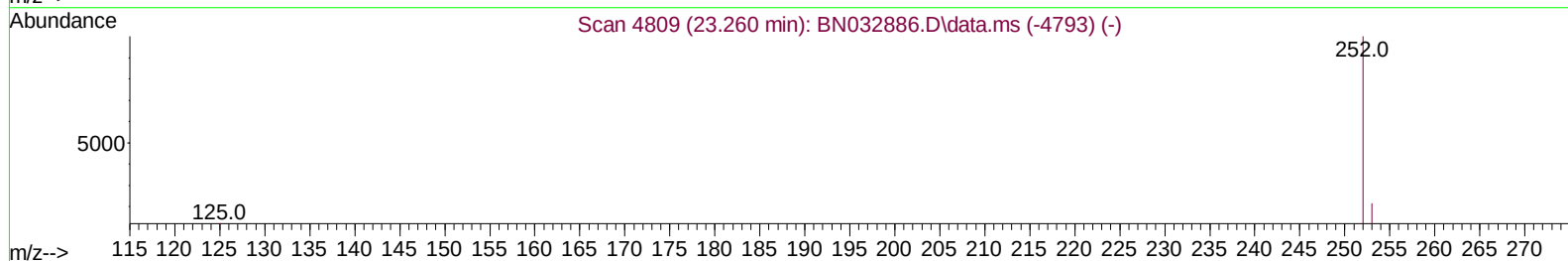
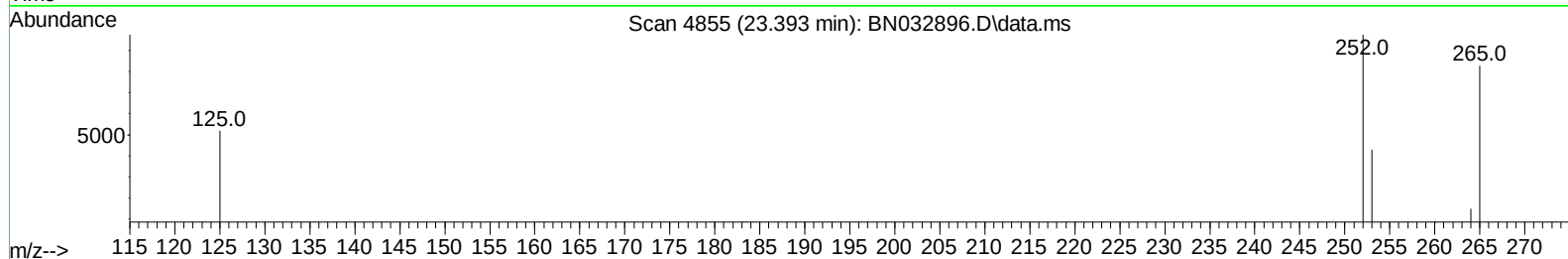
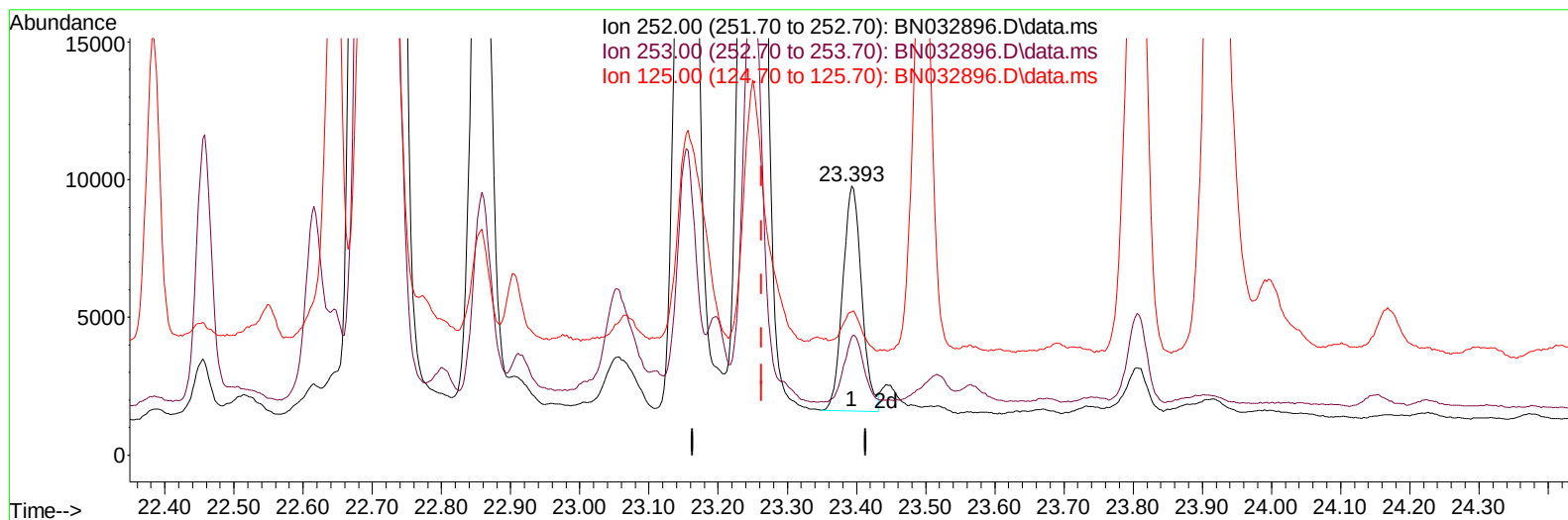
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(26) Benzo(a)pyrene (C)

23.393min (+ 0.130) 0.41 ng/ul

response 15584

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	44.01#
125.00	25.70	53.17#
0.00	0.00	0.00

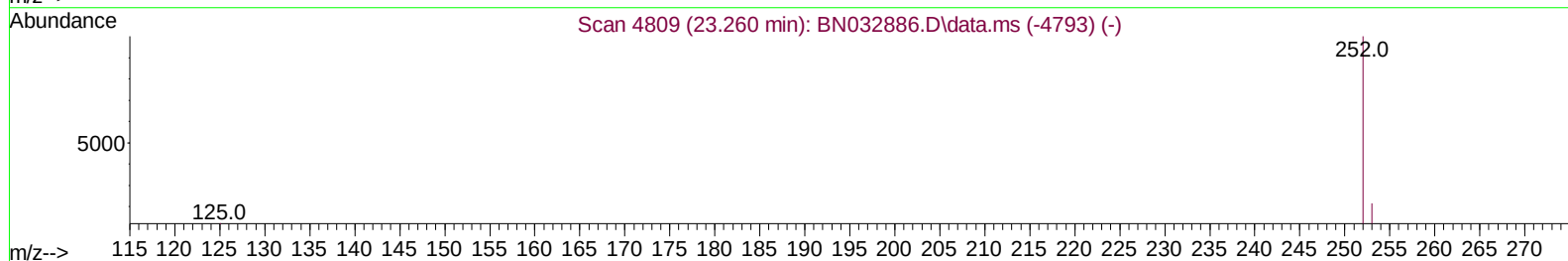
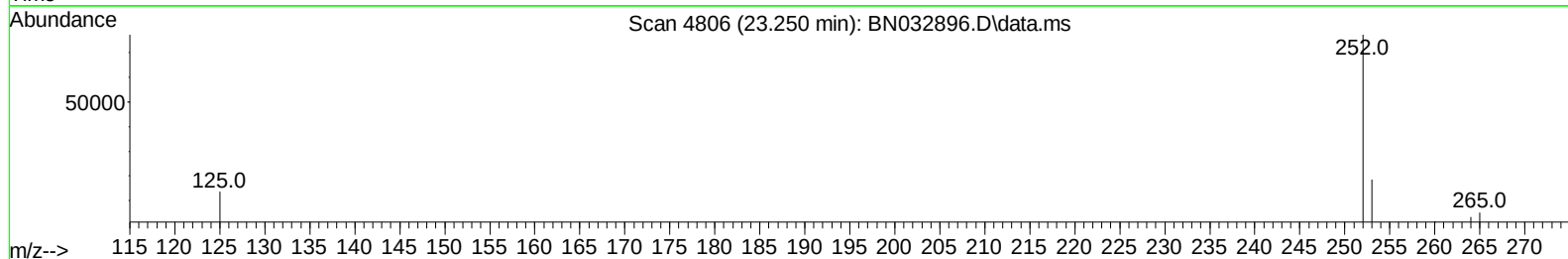
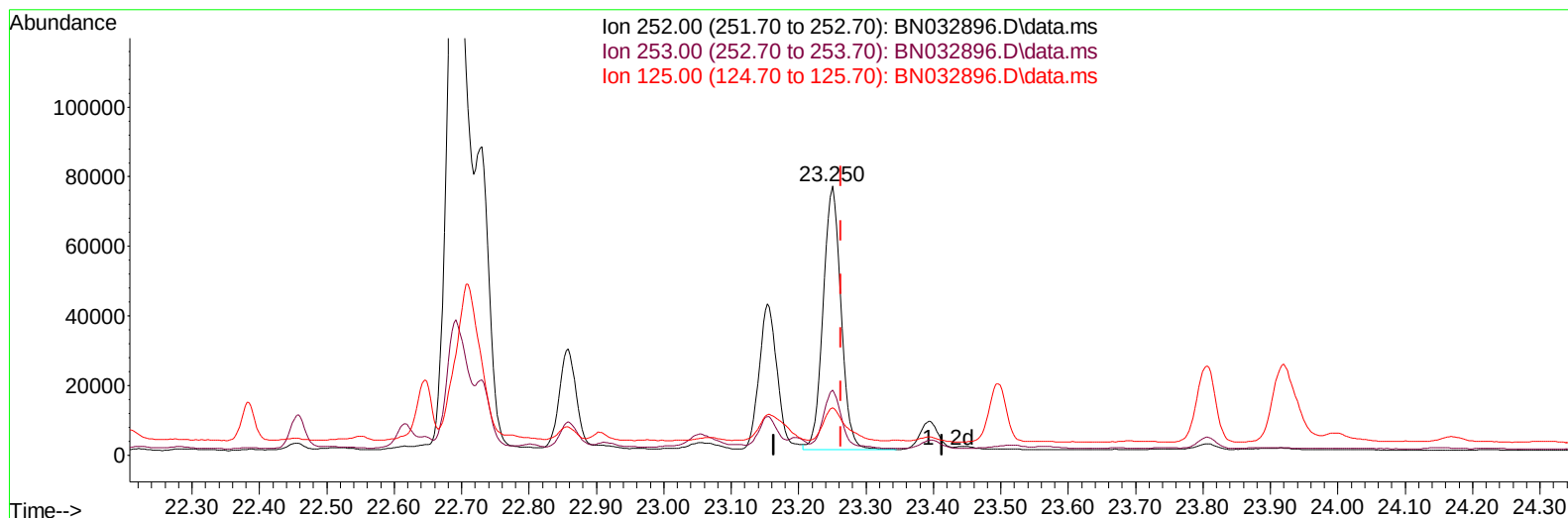
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(26) Benzo(a)pyrene (C)

23.250min (-0.013) 3.66 ng/ul m

response 139656

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.12#
125.00	25.70	17.62#
0.00	0.00	0.00

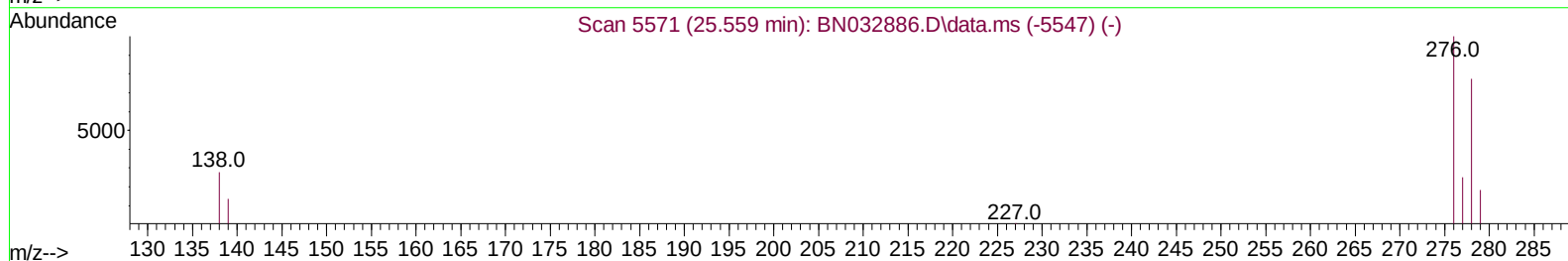
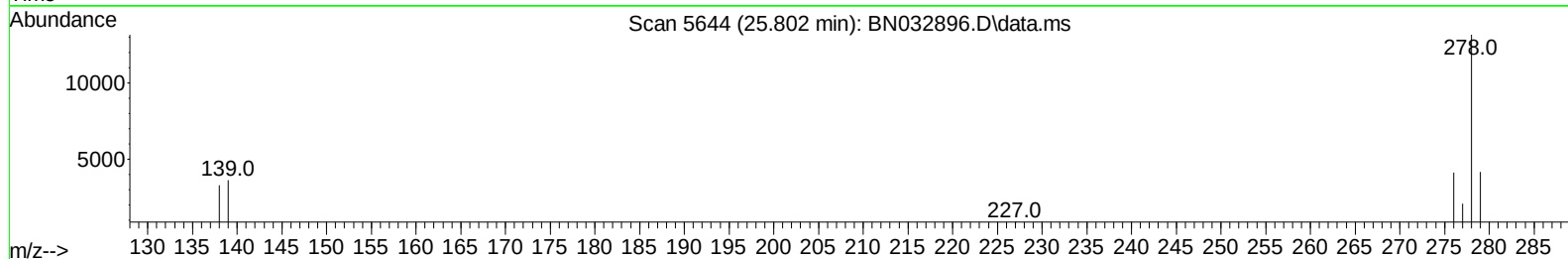
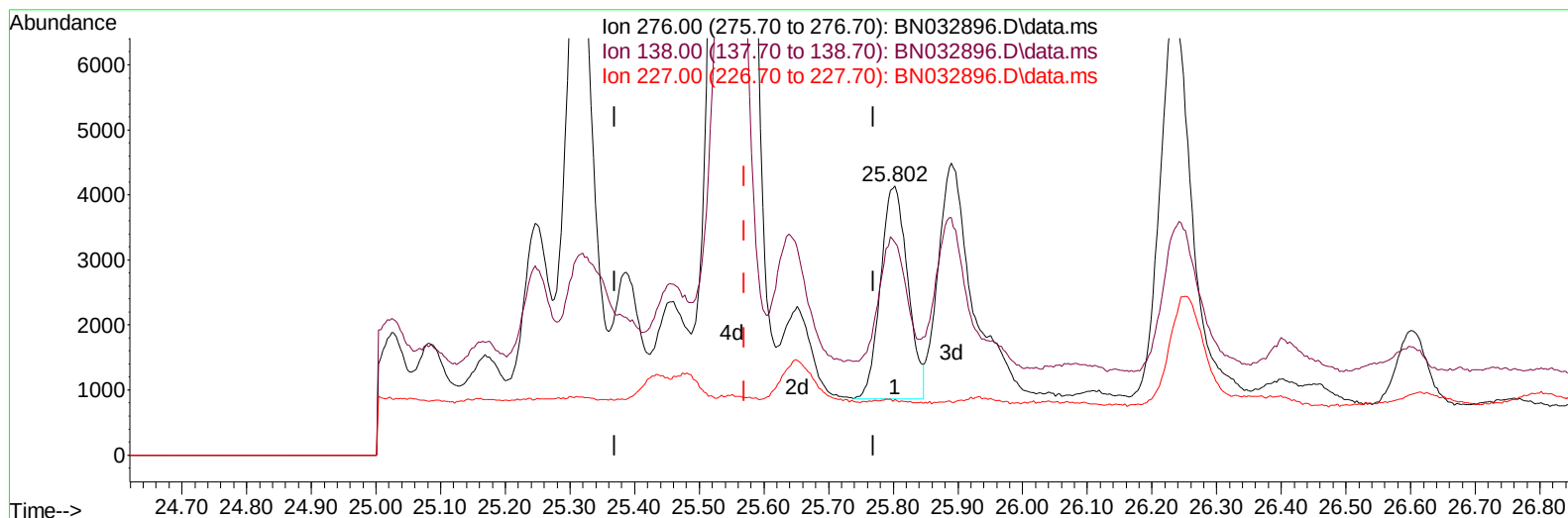
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
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Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

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

25.802min (+ 0.233) 0.19 ng/u1

response 9565

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.74#
227.00	0.00	1.43#
0.00	0.00	0.00

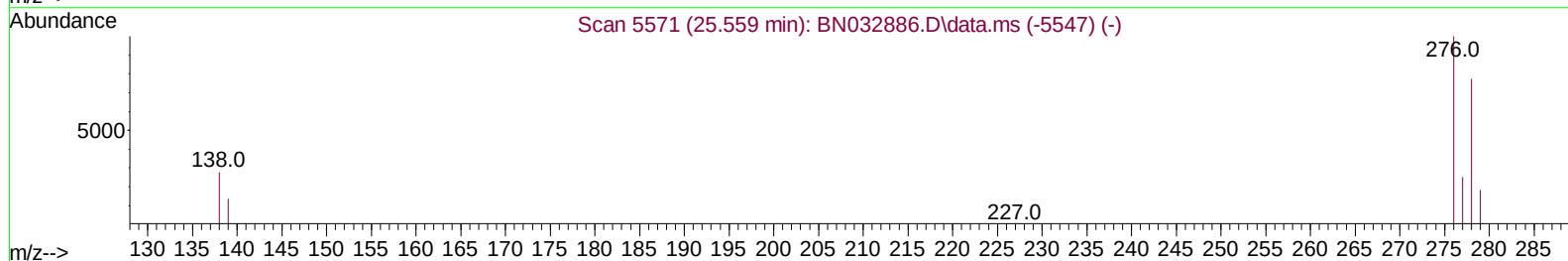
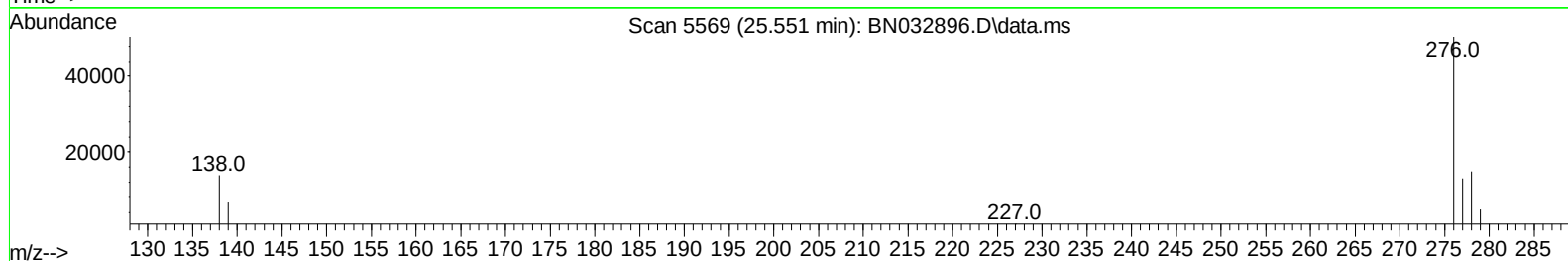
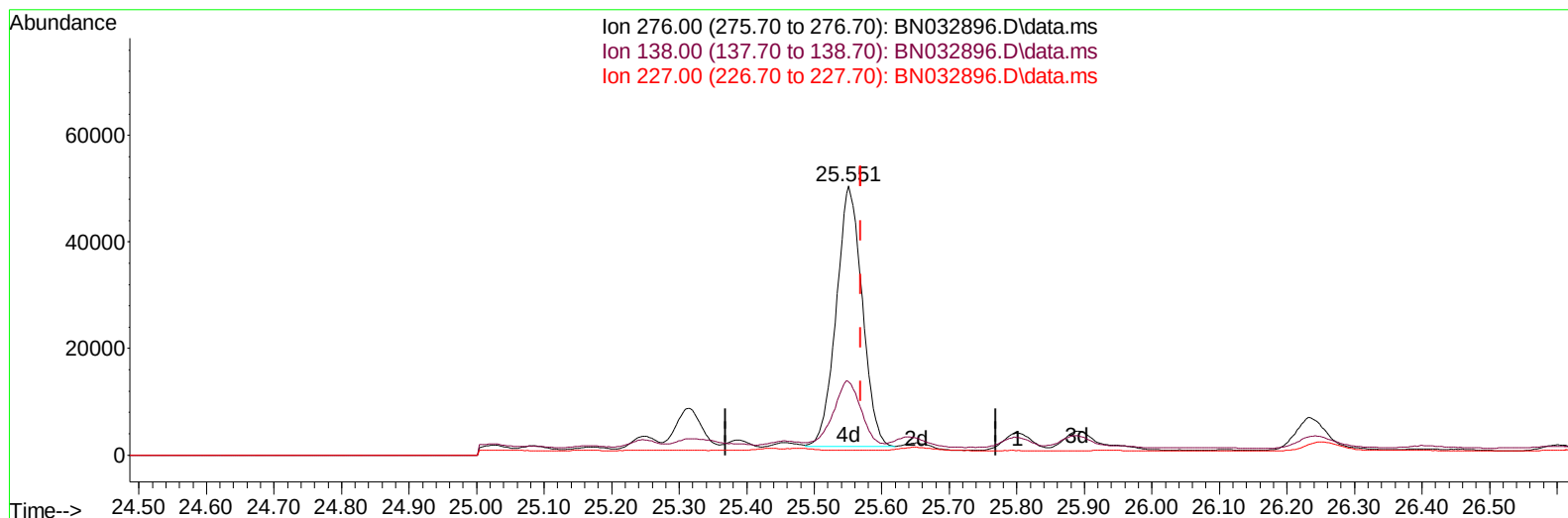
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

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

25.551min (-0.018) 2.53 ng/ul m

response 130493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	4.23#
227.00	0.00	0.10#
0.00	0.00	0.00

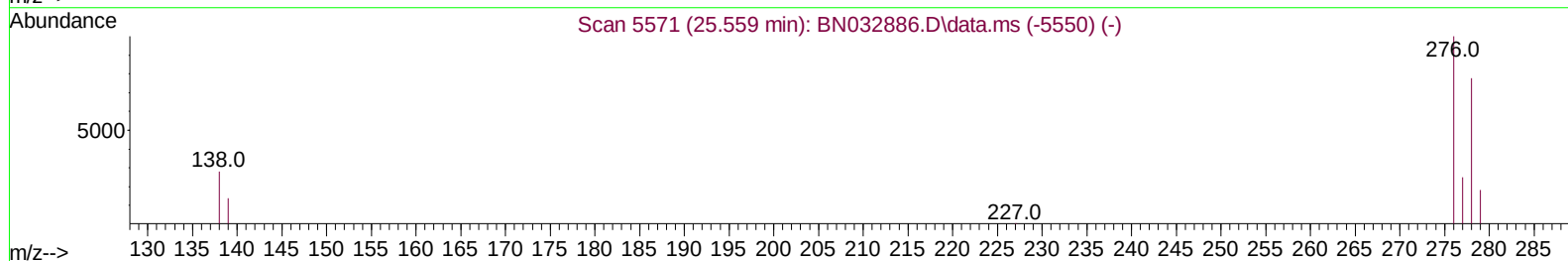
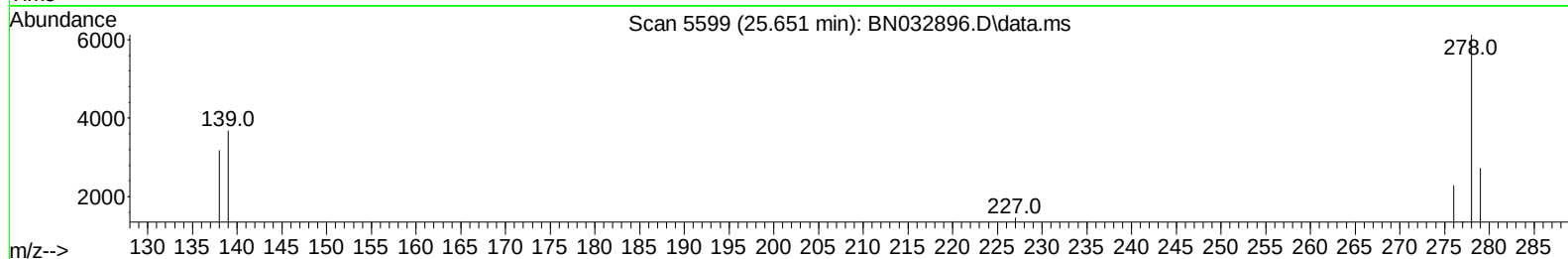
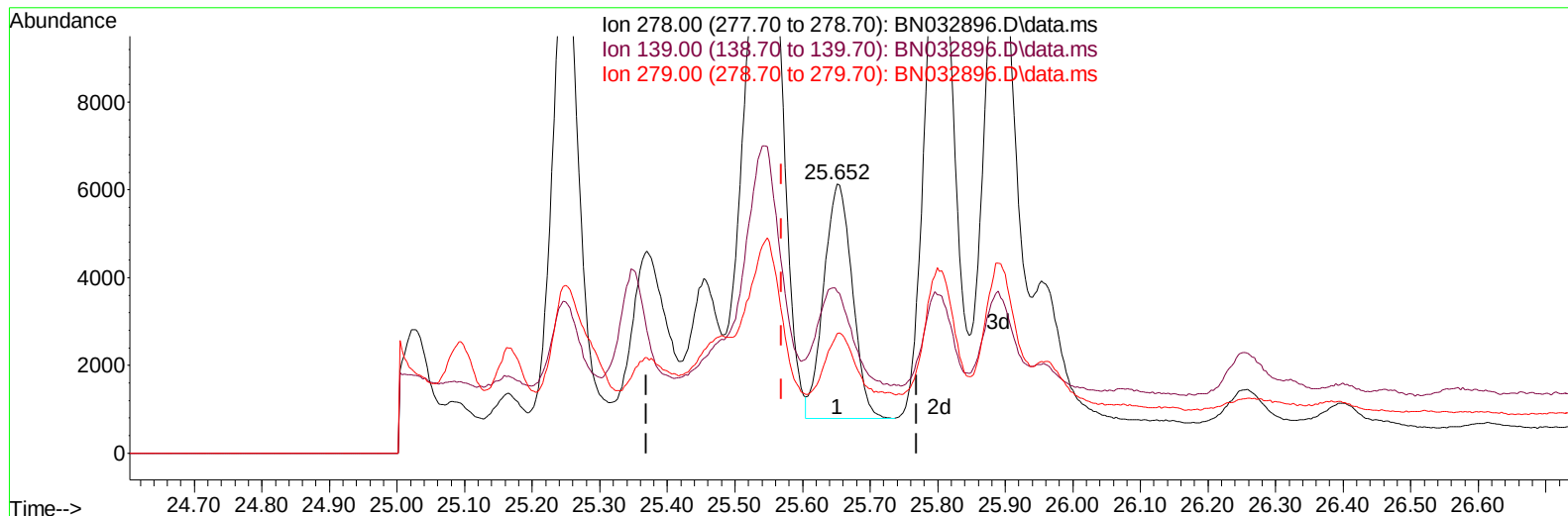
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/23/2024
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TIC: BN032896.D\data.ms

(28) Dibenzo(a,h)anthracene

25.651min (+ 0.082) 0.39 ng/u1

response 15681

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	60.01#
279.00	29.60	44.41#
0.00	0.00	0.00

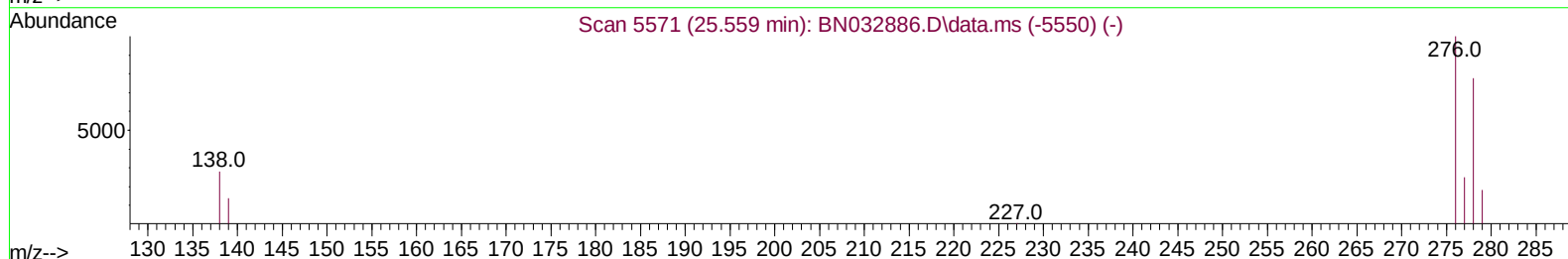
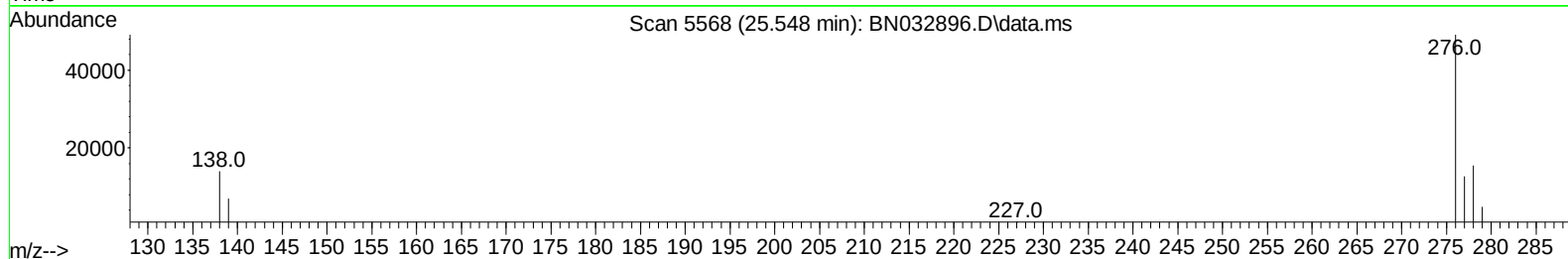
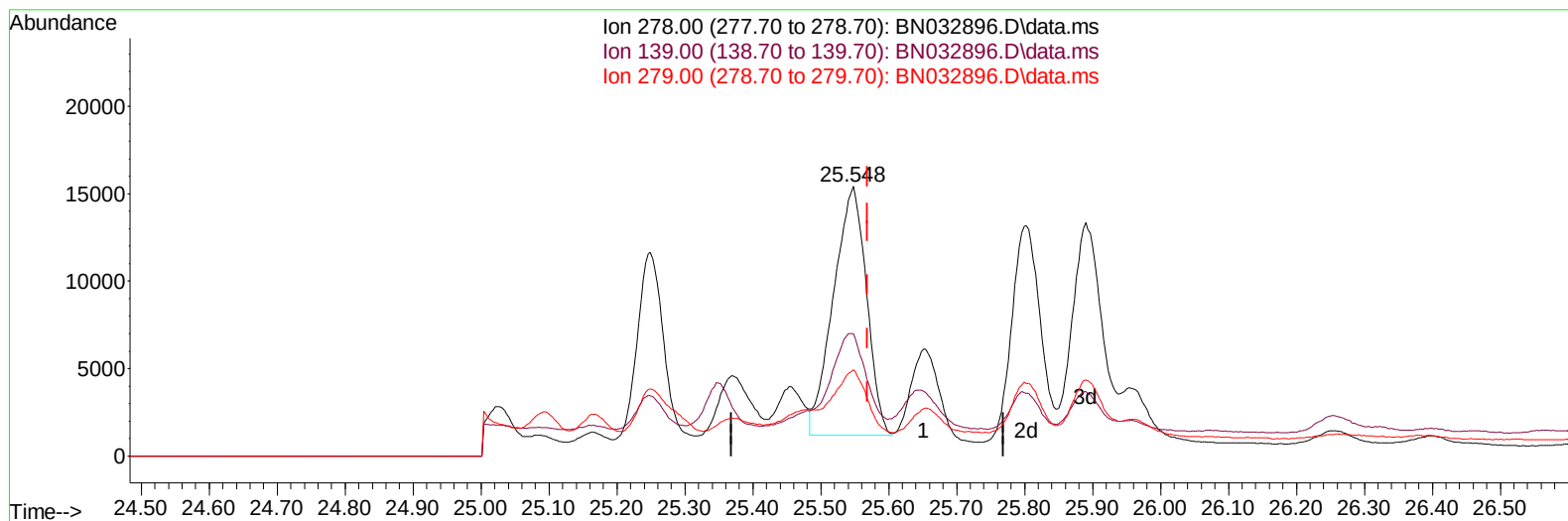
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 2024
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

(28) Dibenzo(a,h)anthracene

25.548min (-0.022) 1.20 ng/ul m

response 47891

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	45.36#
279.00	29.60	31.85
0.00	0.00	0.00

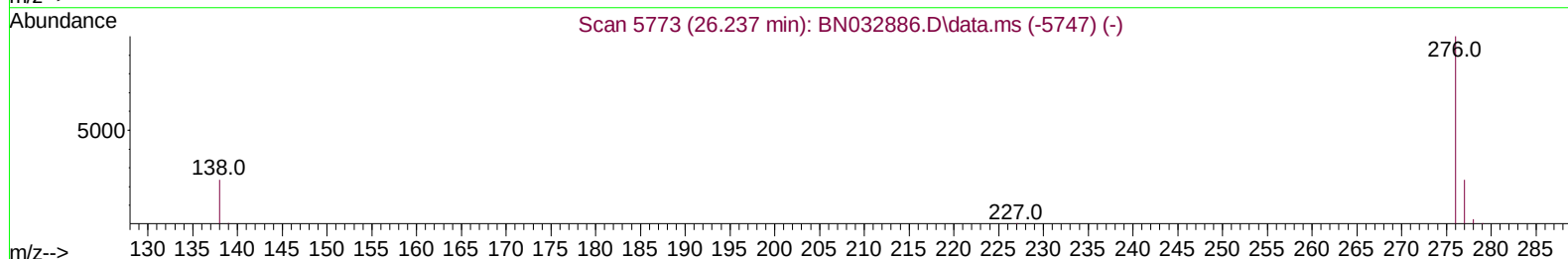
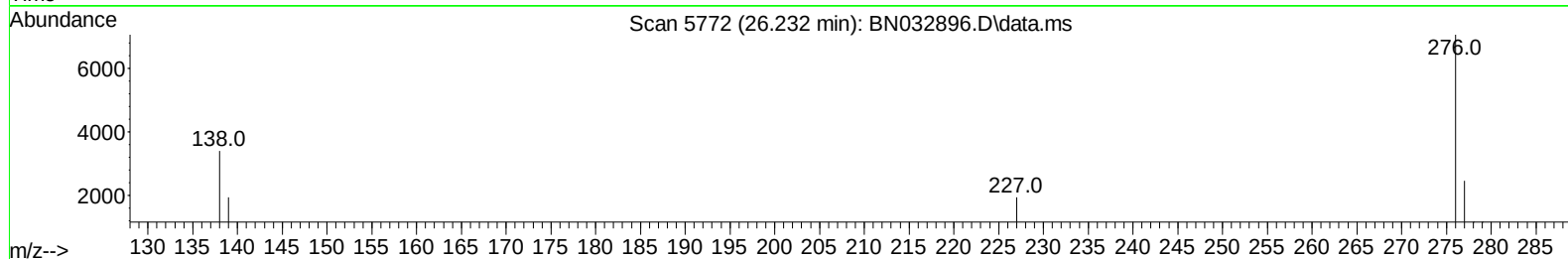
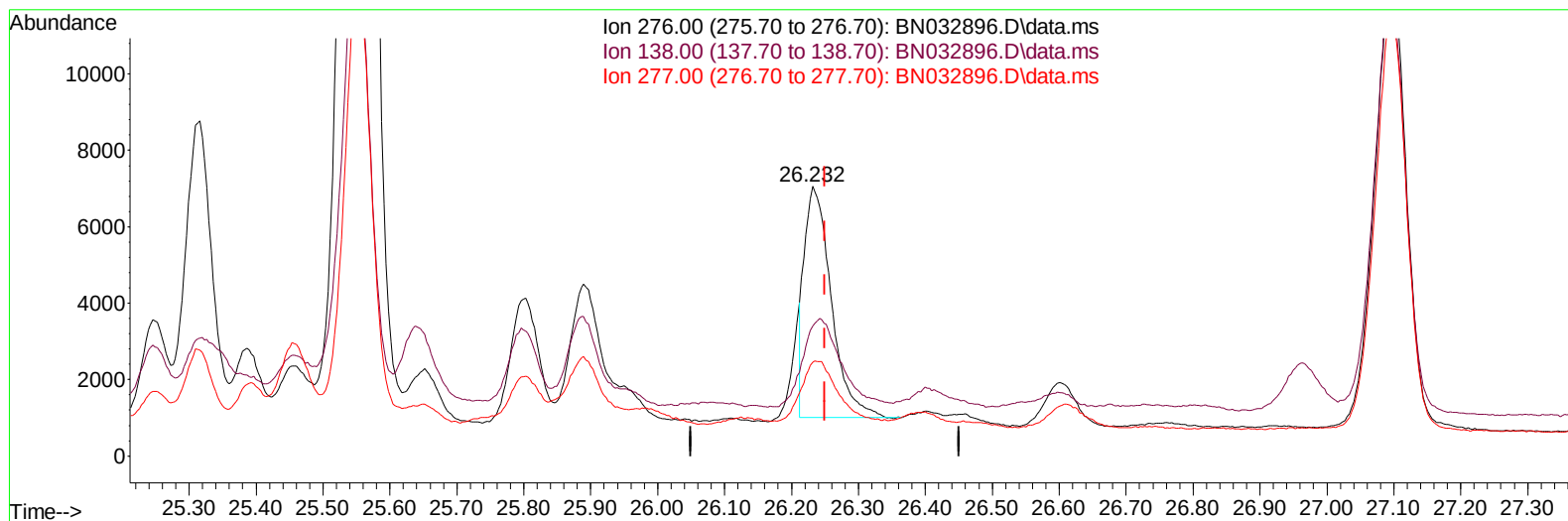
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

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TIC: BN032896.D\data.ms

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

26.232min (-0.018) 0.39 ng/u1

response 16905

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	48.24#
277.00	25.80	34.89#
0.00	0.00	0.00

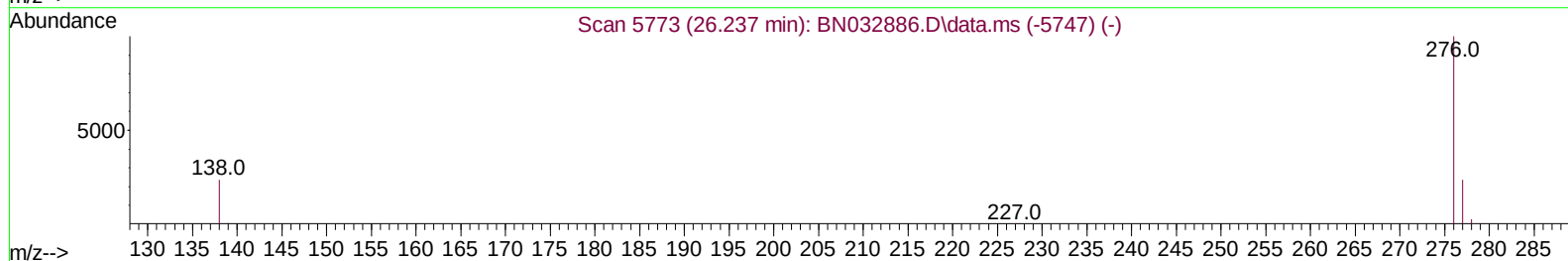
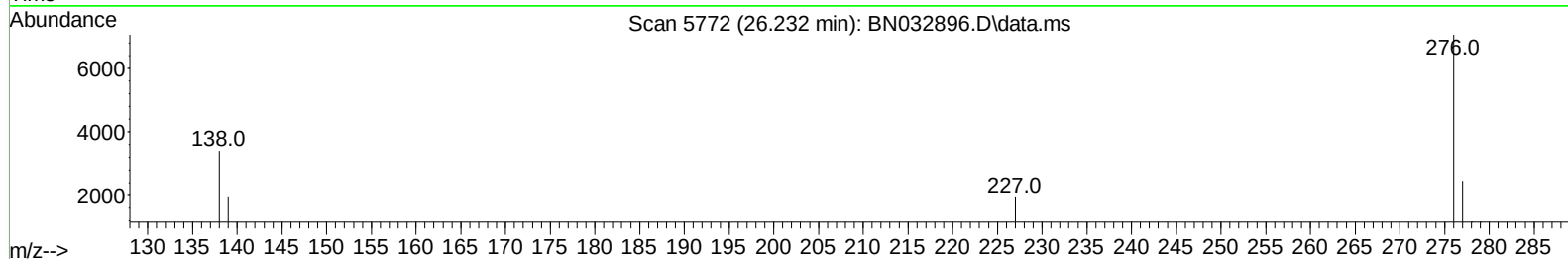
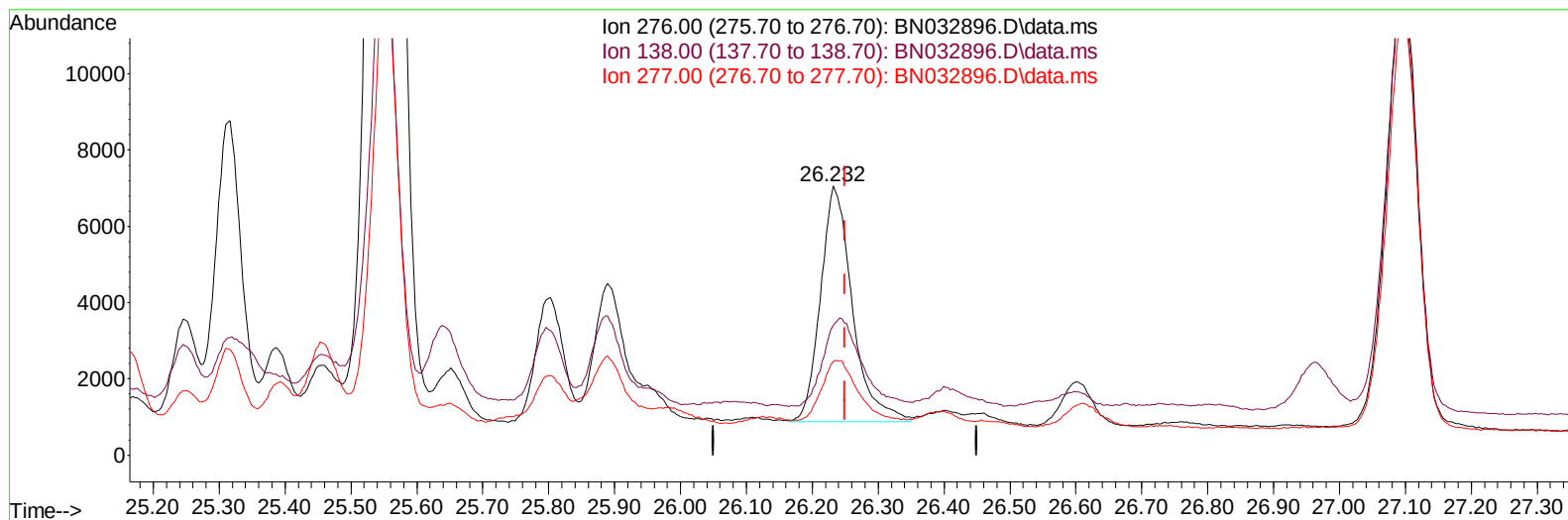
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
Acq On : 22 Jul 2024 16:47
Operator : MA/JU
Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

Quant Time: Jul 22 17:15:34 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032896.D\data.ms

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

26.232min (-0.018) 0.48 ng/ul m

response 20788

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	48.24#
277.00	25.80	34.89#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032896.D
 Acq On : 22 Jul 2024 16:47
 Operator : MA/JU
 Sample : P3215-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 17:15:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4224	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.287	136	13358	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.173	164	7476	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	12894m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.155	240	10675m	0.400	ng/ul	-0.01
23) Perylene-d12	23.344	264	12480m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	13093	2.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.893	152	3965	0.196	ng/ul	-0.03
18) Fluoranthene-d10	18.979	212	6424m	0.185	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.336	128	16947	0.472	ng/ul	99
7) 2-Methylnaphthalene	11.970	142	7834	0.350	ng/ul	97
8) 1-Methylnaphthalene	12.190	142	5528	0.239	ng/ul	99
10) Acenaphthylene	13.895	152	27914	0.924	ng/ul	100
11) Acenaphthene	14.233	153	13991	0.560	ng/ul	99
12) Fluorene	15.232	166	14366	0.503	ng/ul	99
14) Pentachlorophenol	16.614	266	486m	0.215	ng/ul	
15) Phenanthrene	16.977	178	269911m	7.686	ng/ul	
16) Anthracene	17.069	178	64401m	2.245	ng/ul	
19) Fluoranthene	19.007	202	466576m	10.750	ng/ul	
20) Pyrene	19.374	202	368591m	8.205	ng/ul	
21) Benzo(a)anthracene	21.137	228	238081m	7.007	ng/ul	
22) Chrysene	21.190	228	264949m	5.390	ng/ul	
24) Benzo(b)fluoranthene	22.692	252	350120m	7.951	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	124422m	2.319	ng/ul	
26) Benzo(a)pyrene	23.250	252	139656m	3.665	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.551	276	130493m	2.529	ng/ul	
28) Dibenzo(a,h)anthracene	25.548	278	47891m	1.197	ng/ul	
29) Benzo(g,h,i)perylene	26.232	276	20788m	0.482	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032896.D
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Sample : P3215-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ8

Manual IntegrationsAPPROVED

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