

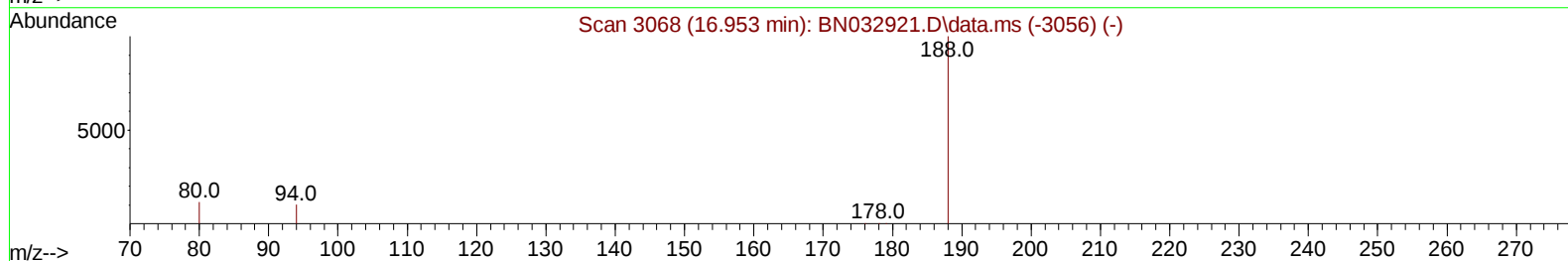
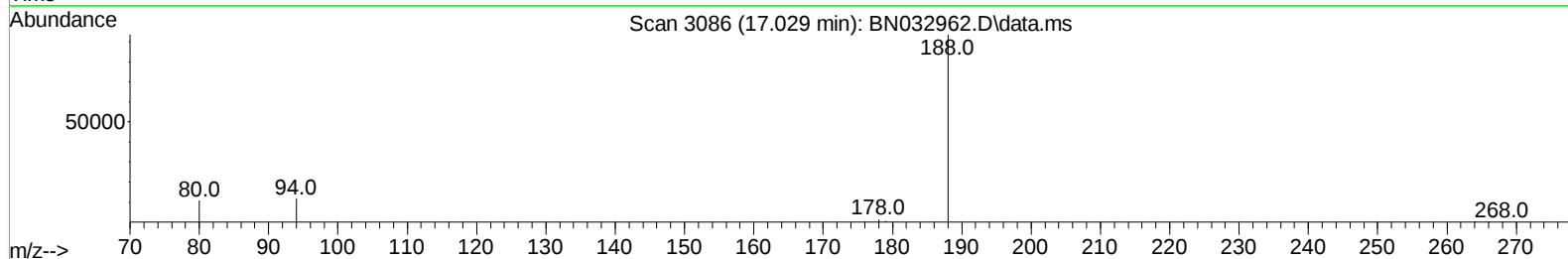
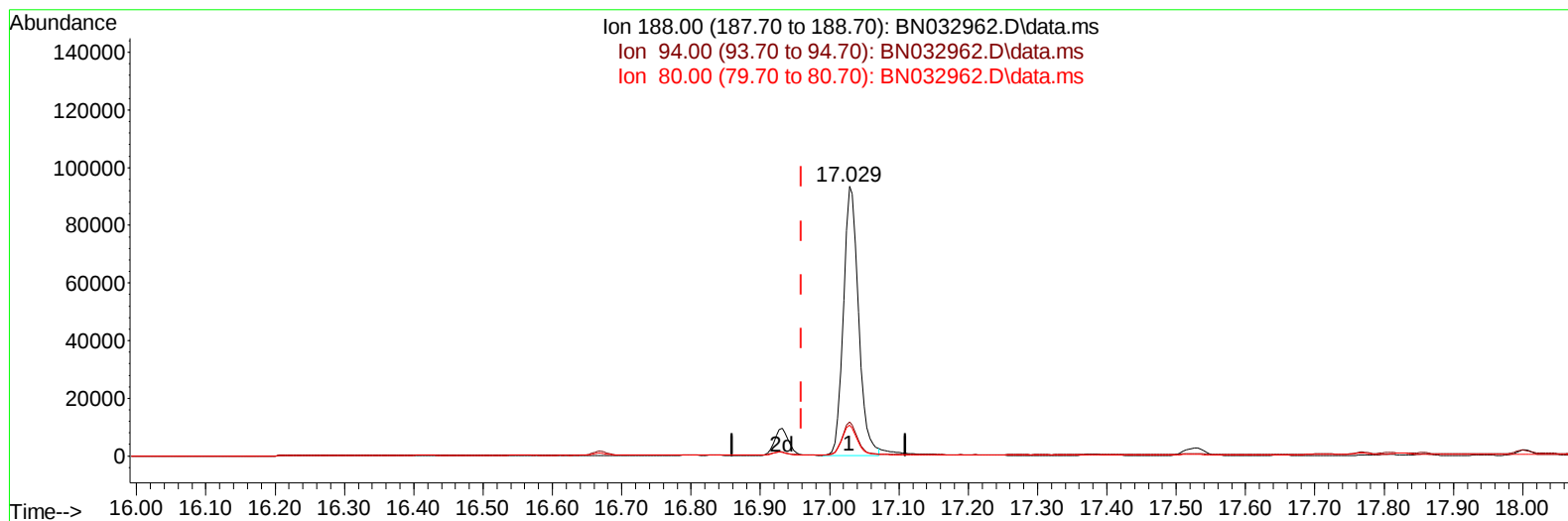
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(13) Phenanthrene-d10 (I)

17.029min (+ 0.069) 0.40 ng/u1

response 141509

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.55
80.00	12.00	11.48
0.00	0.00	0.00

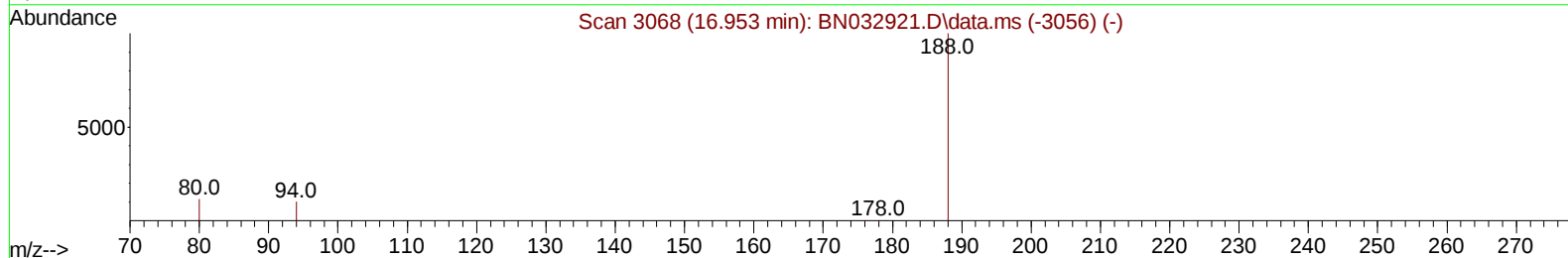
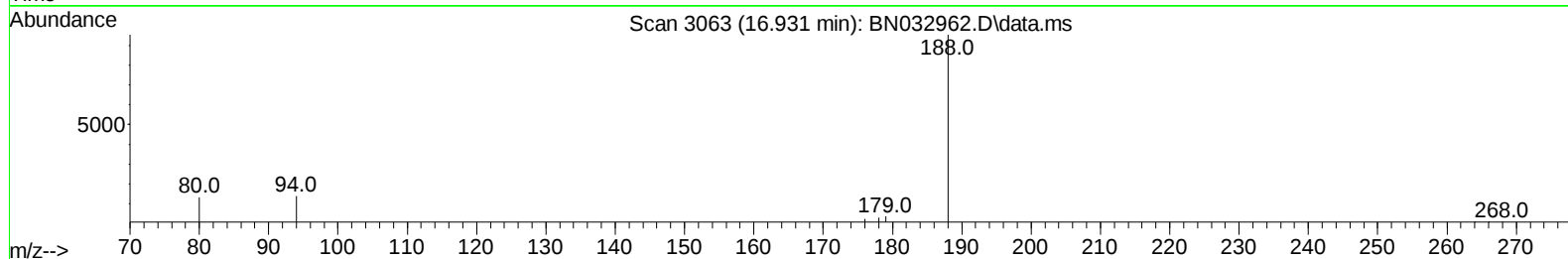
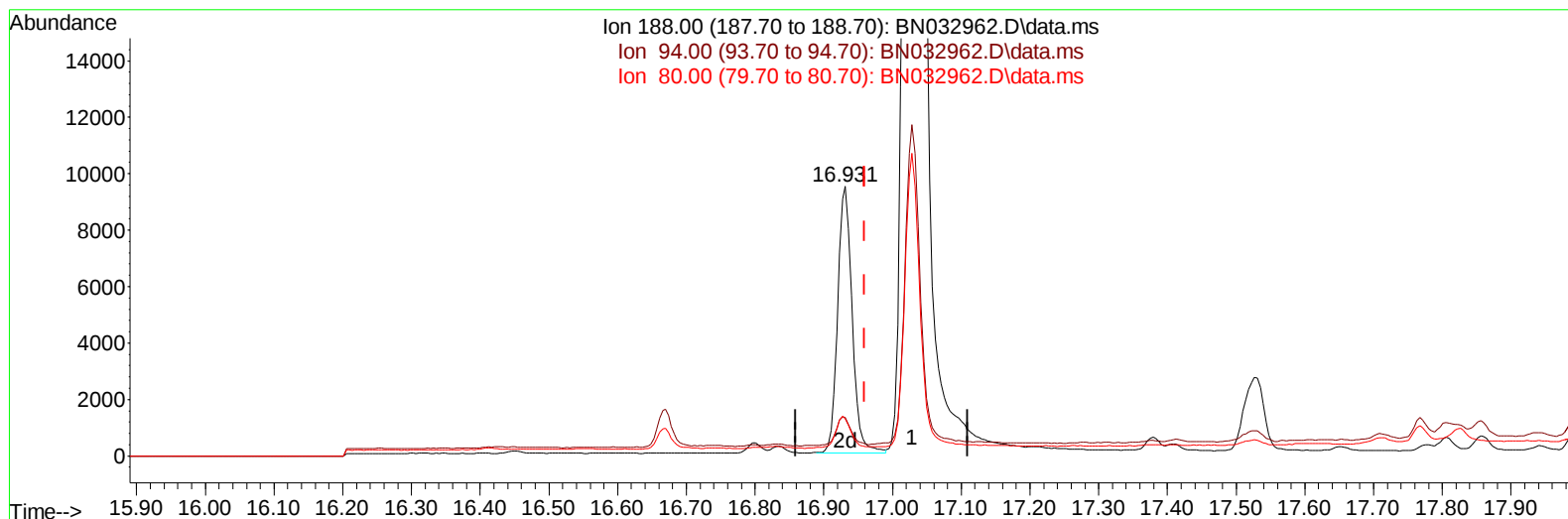
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032962.D
 Acq On : 24 Jul 2024 23:49
 Operator : MA/JU
 Sample : P3215-15DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(13) Phenanthrene-d10 (I)

16.931min (-0.028) 0.40 ng/ul m

response 13755

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	14.36#
80.00	12.00	13.88
0.00	0.00	0.00

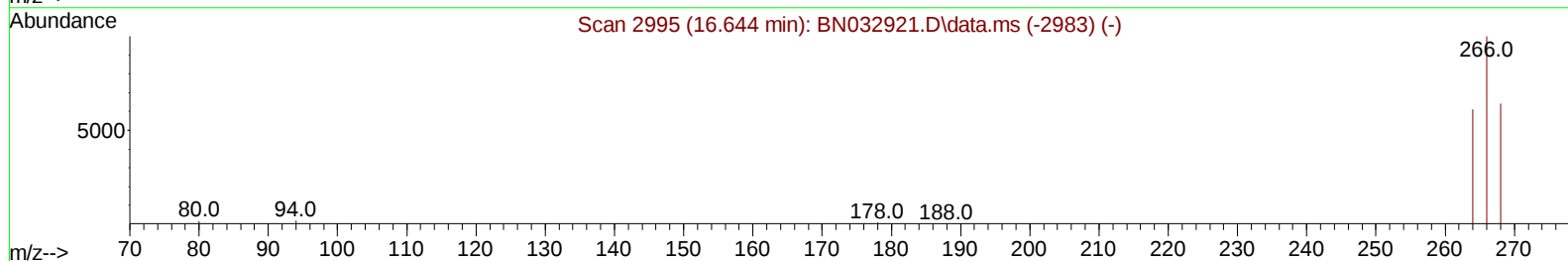
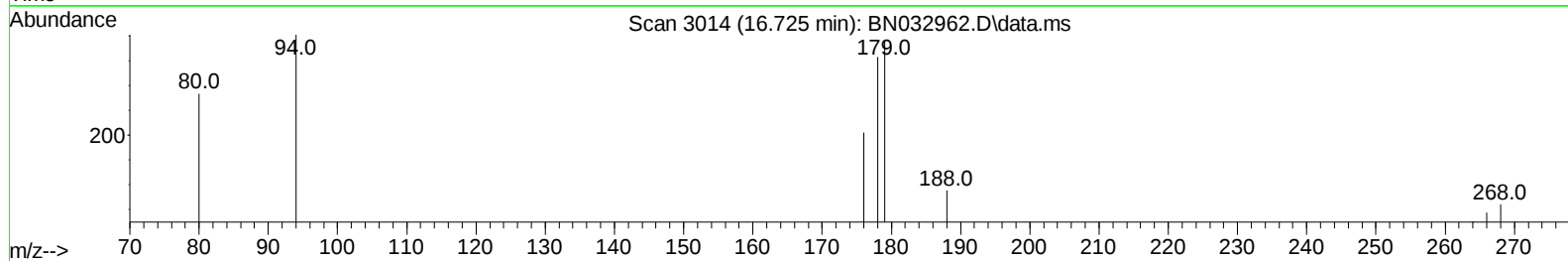
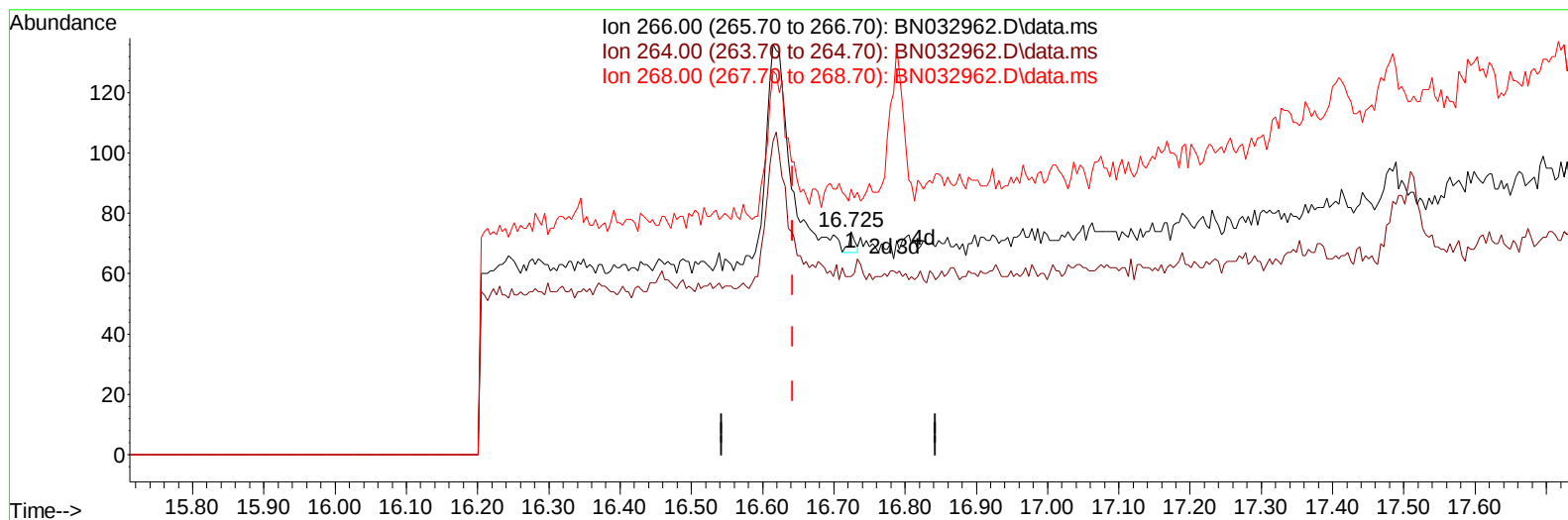
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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TIC: BN032962.D\data.ms

(14) Pentachlorophenol

16.725min (+ 0.082) 0.00 ng/u1

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	75.00#
268.00	64.50	50.00#
0.00	0.00	0.00

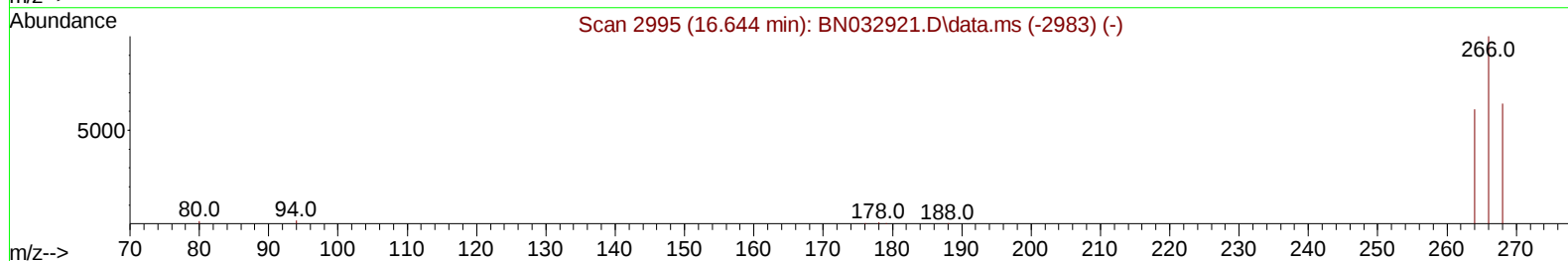
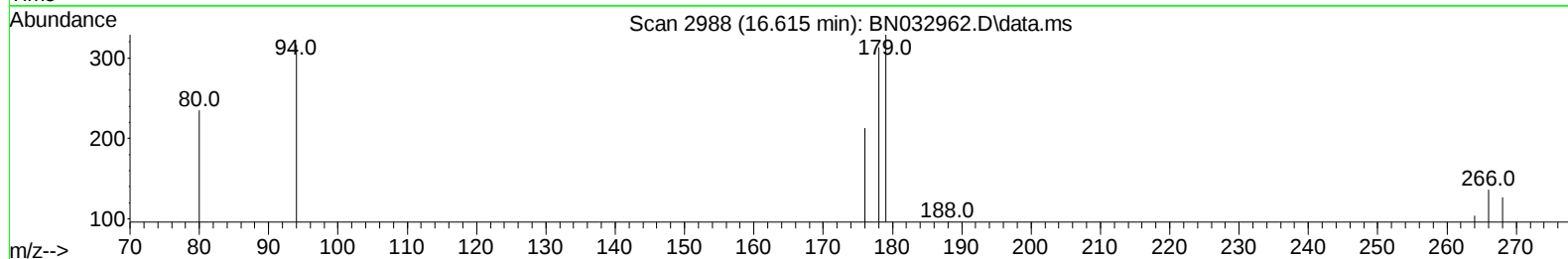
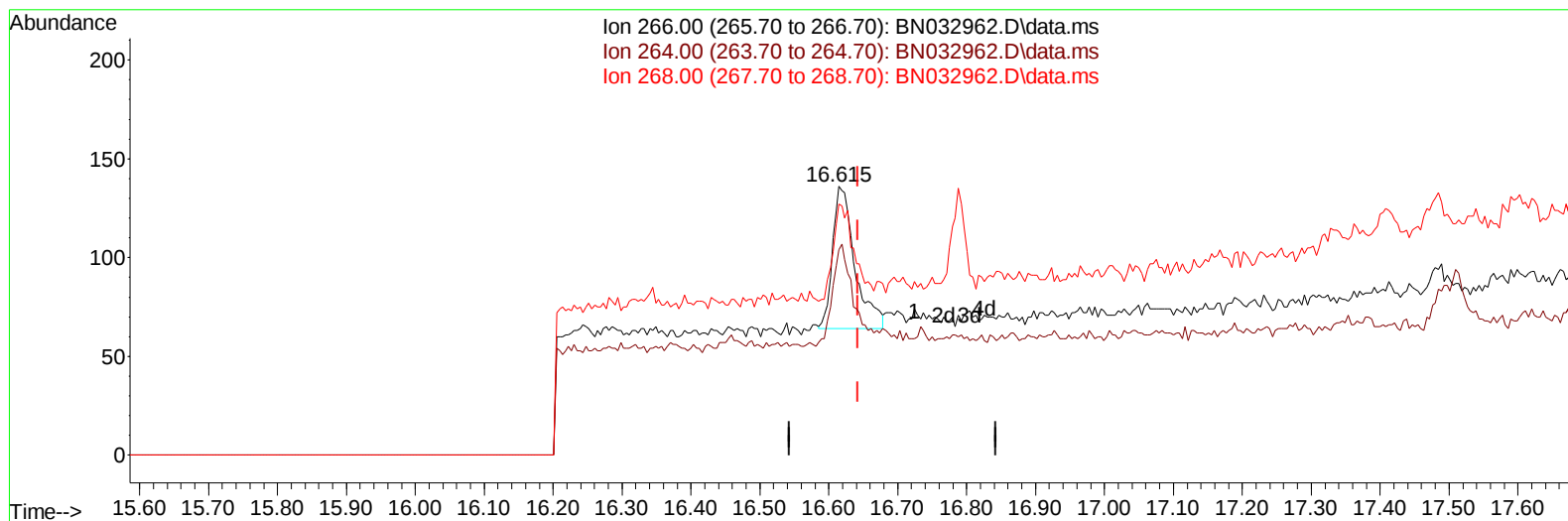
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032962.D\data.ms

(14) Pentachloropheno1

16.615min (-0.028) 0.07 ng/u1 m

response 163

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	1.84#
268.00	64.50	1.23#
0.00	0.00	0.00

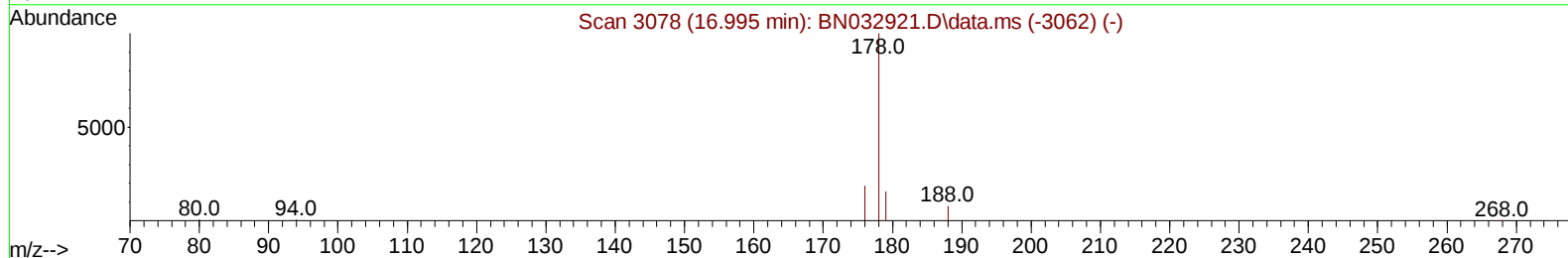
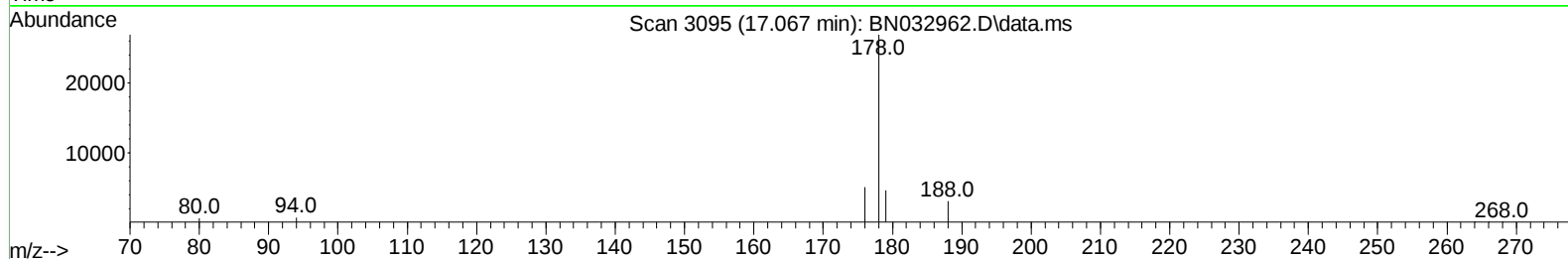
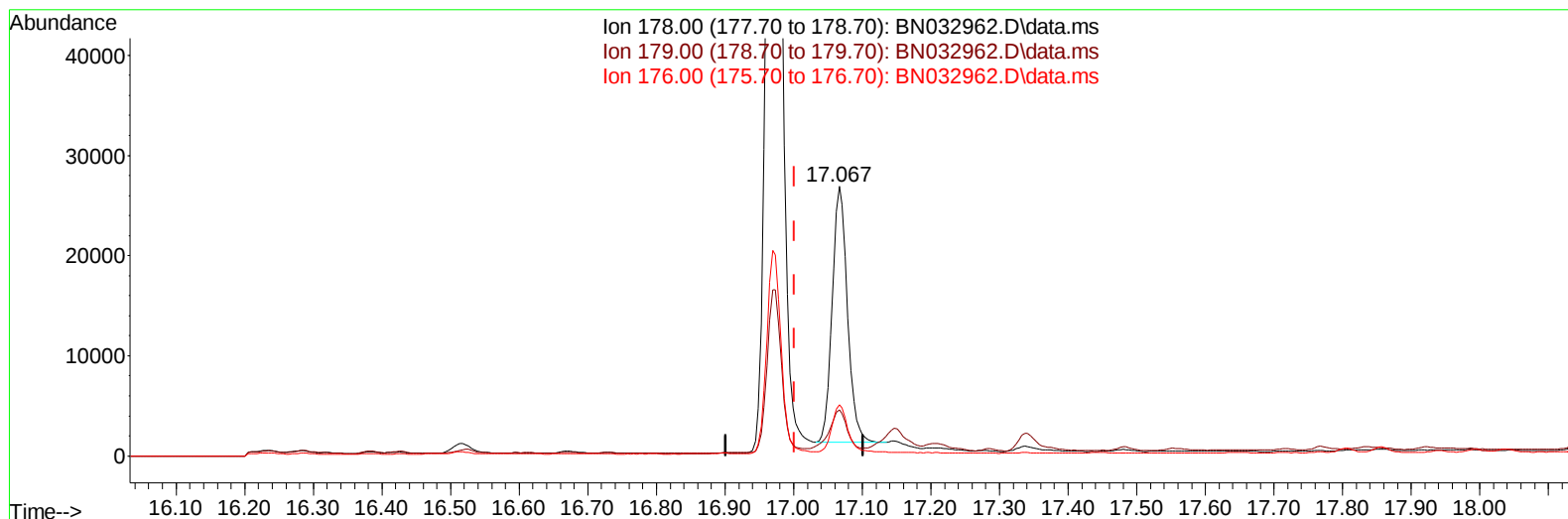
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

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TIC: BN032962.D\data.ms

(15) Phenanthrene

17.067min (+ 0.065) 1.05 ng/u1

response 39457

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.09
176.00	19.50	18.95
0.00	0.00	0.00

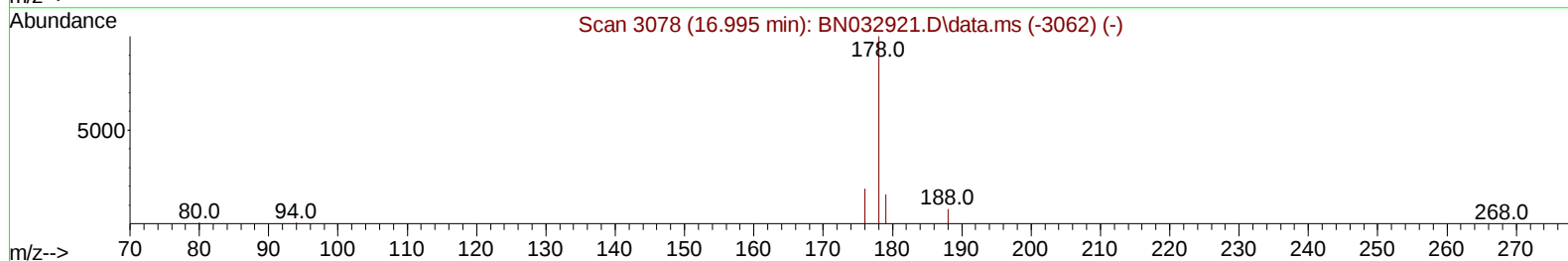
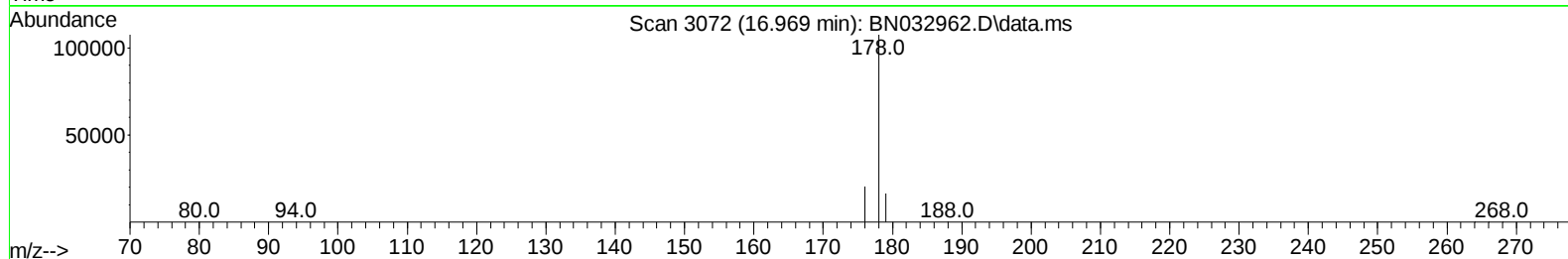
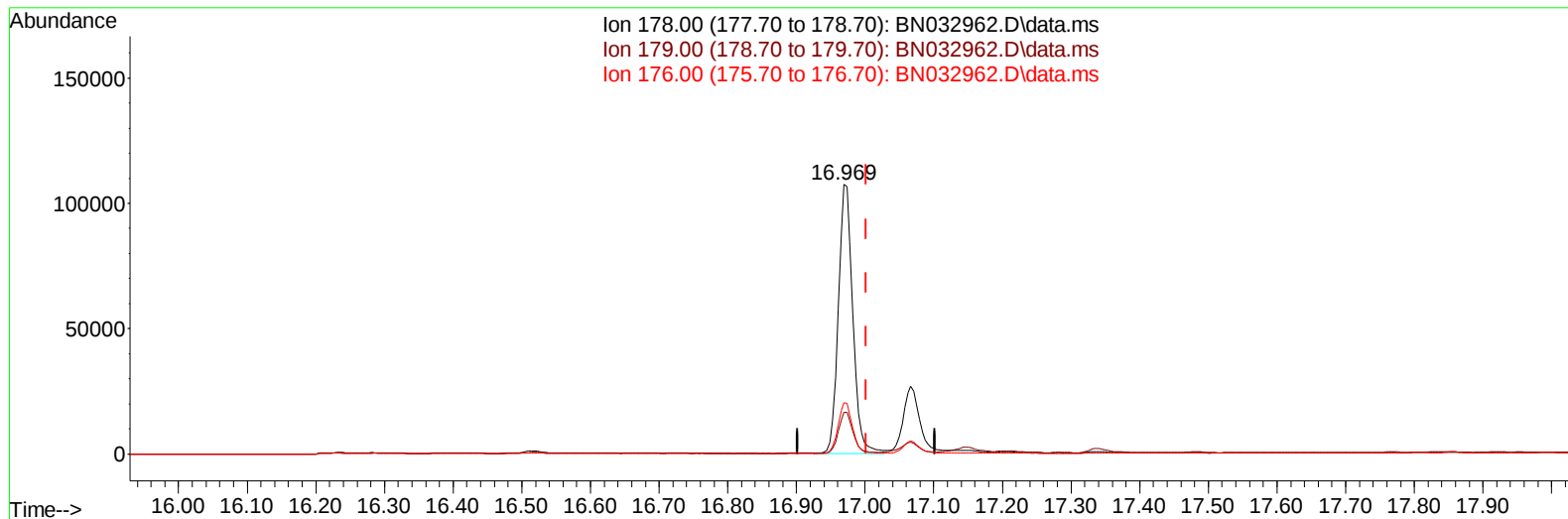
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032962.D\data.ms

(15) Phenanthrene

16.969min (-0.032) 4.20 ng/ul m

response 157228

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.45
176.00	19.50	19.10
0.00	0.00	0.00

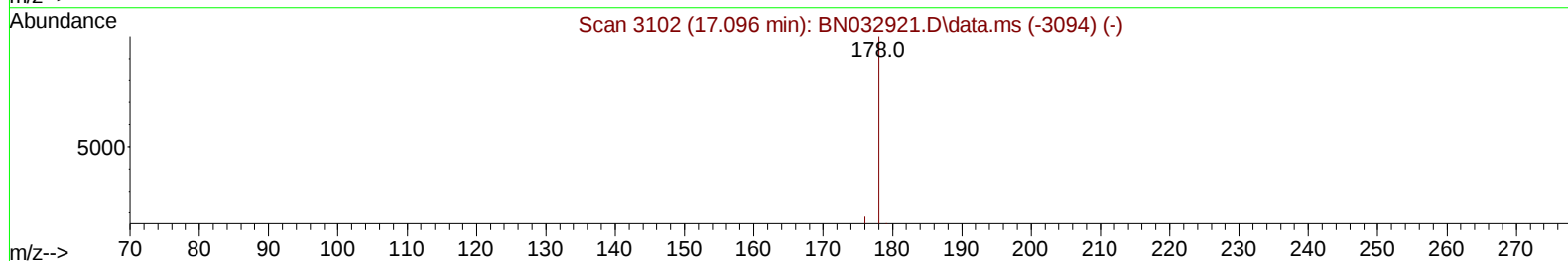
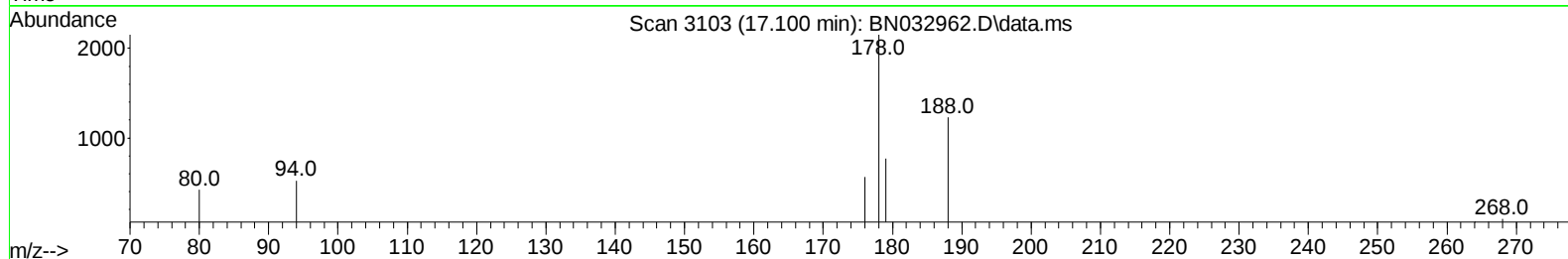
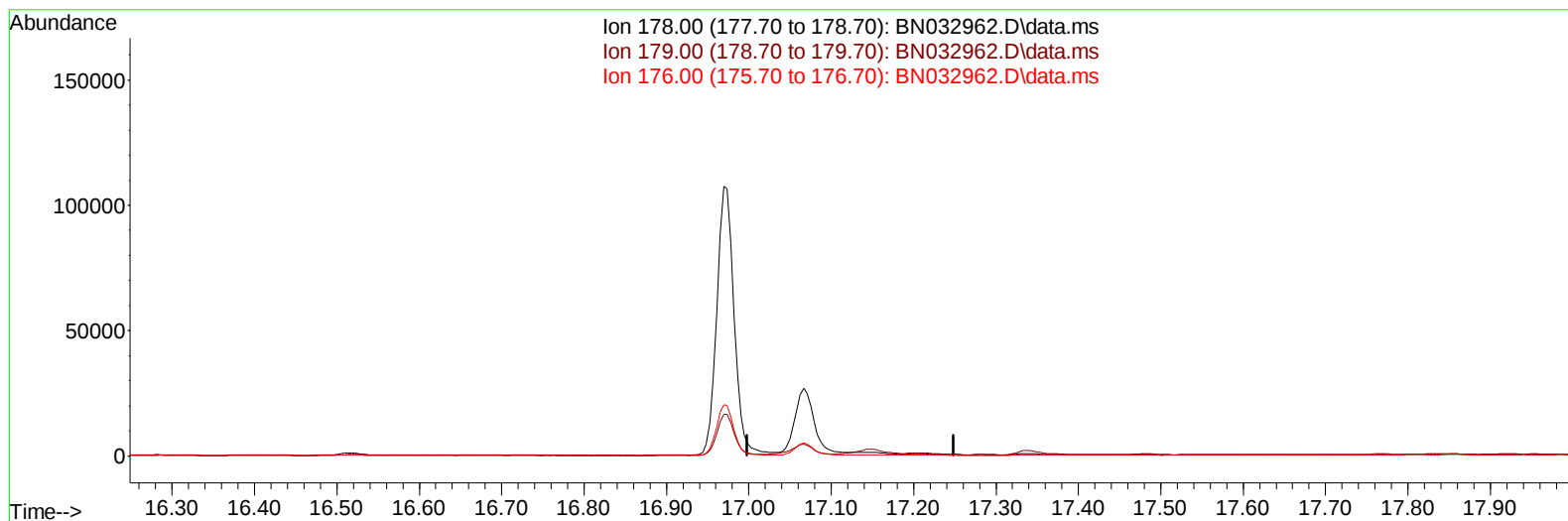
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:50:10 2024
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Response via : Initial Calibration



TIC: BN032962.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

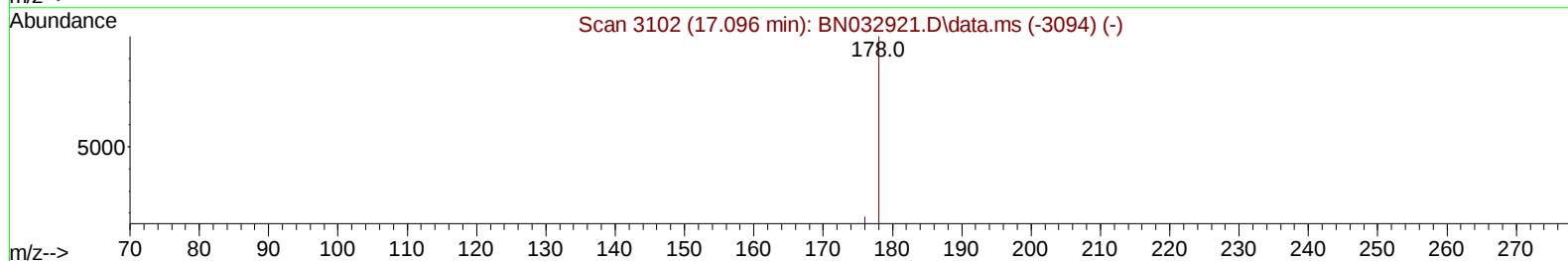
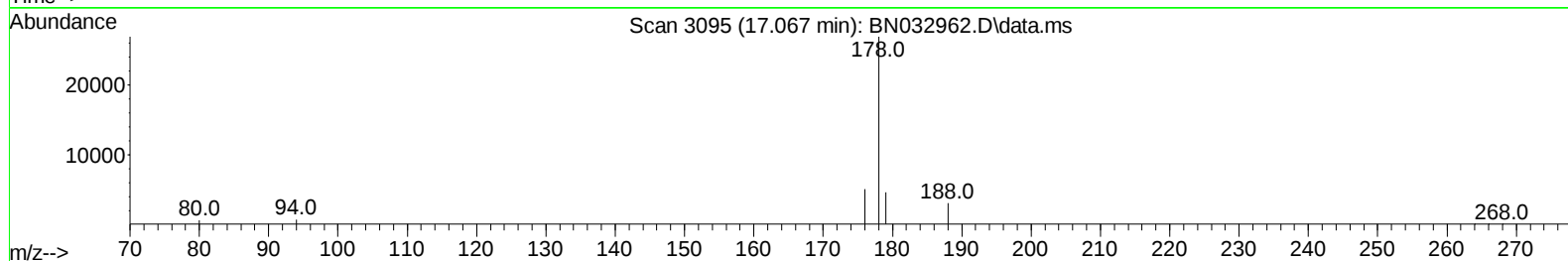
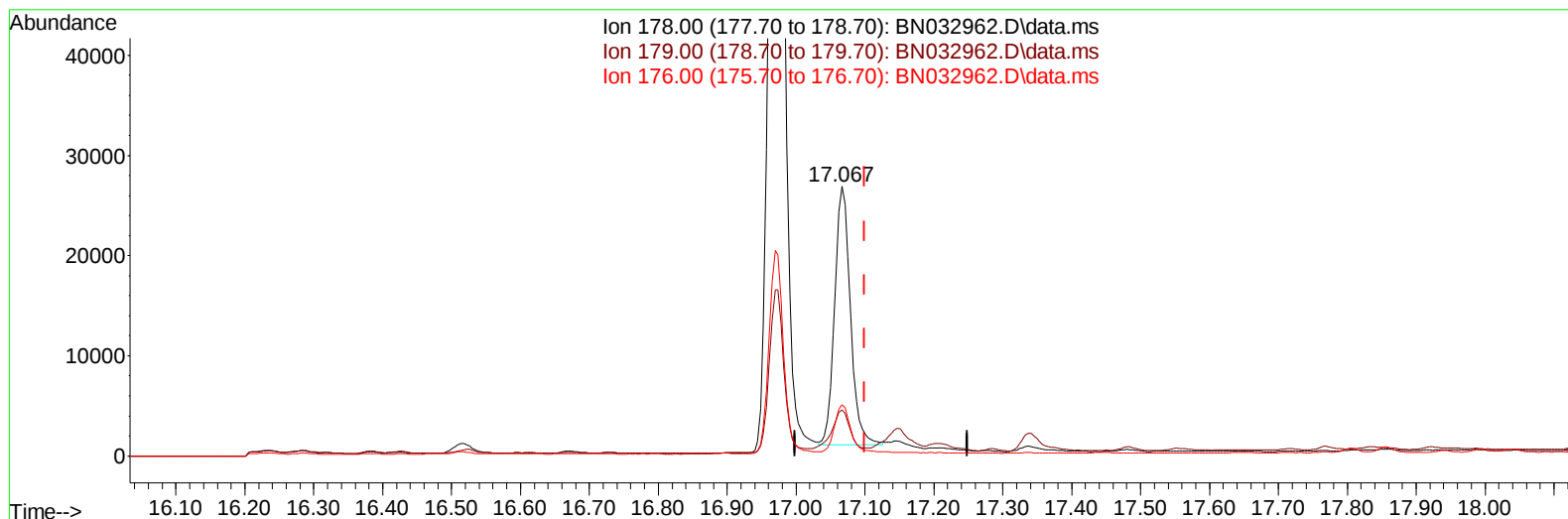
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032962.D\data.ms

(16) Anthracene

17.067min (-0.032) 1.34 ng/ul m

response 40964

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	17.09
176.00	19.20	18.95
0.00	0.00	0.00

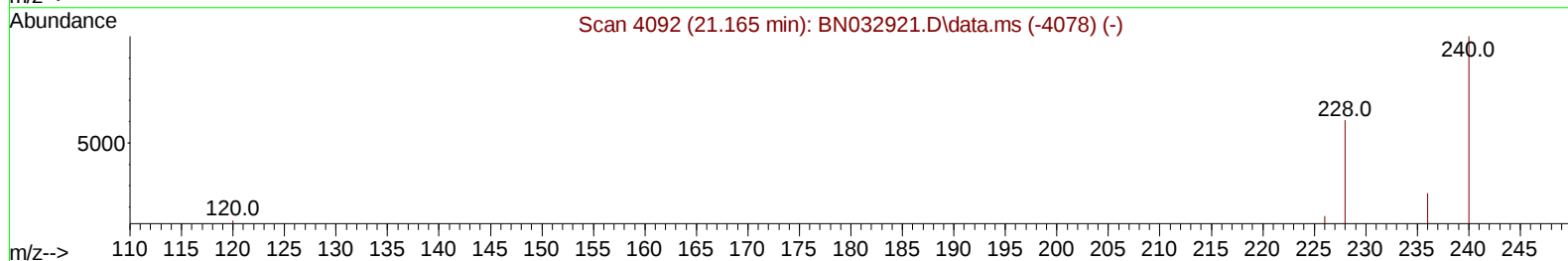
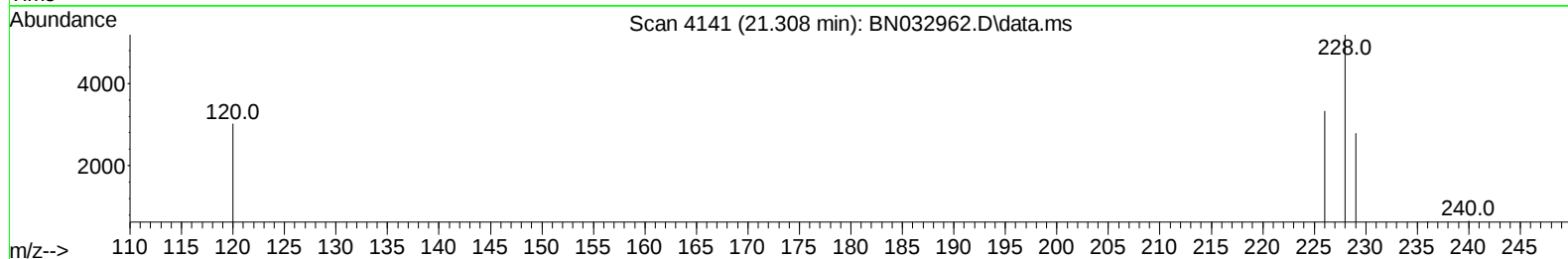
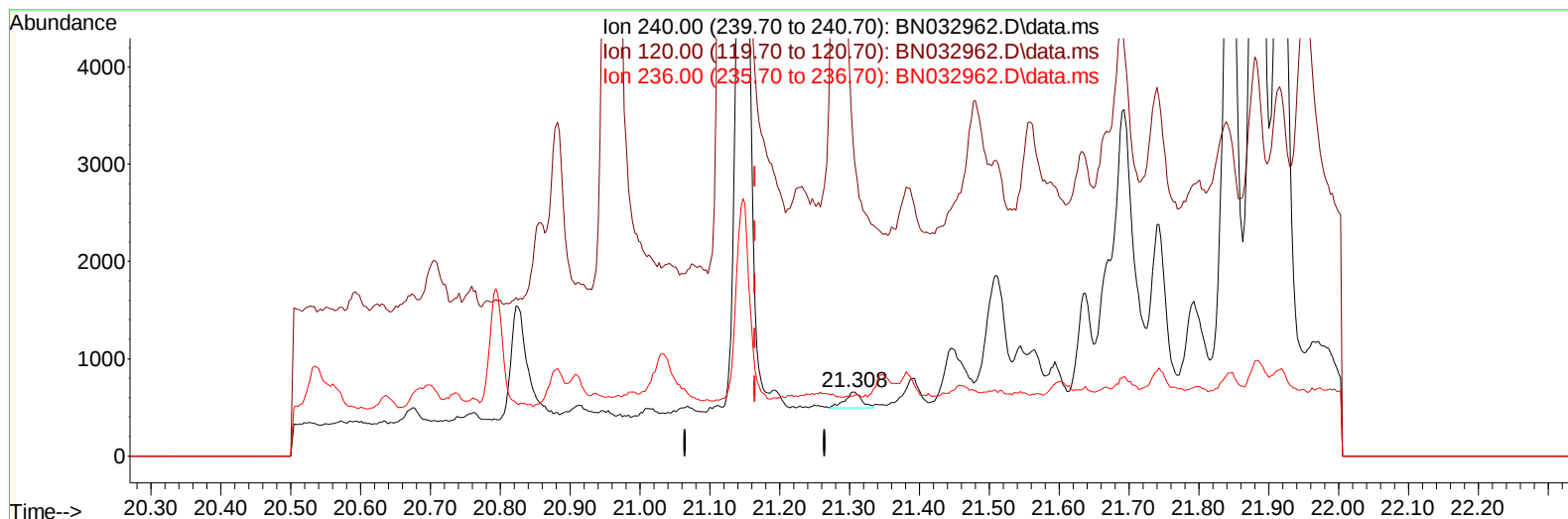
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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TIC: BN032962.D\data.ms

(17) Chrysene-d12

21.308min (+ 0.143) 0.40 ng/u1

response 266

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	459.06#
236.00	28.40	94.98#
0.00	0.00	0.00

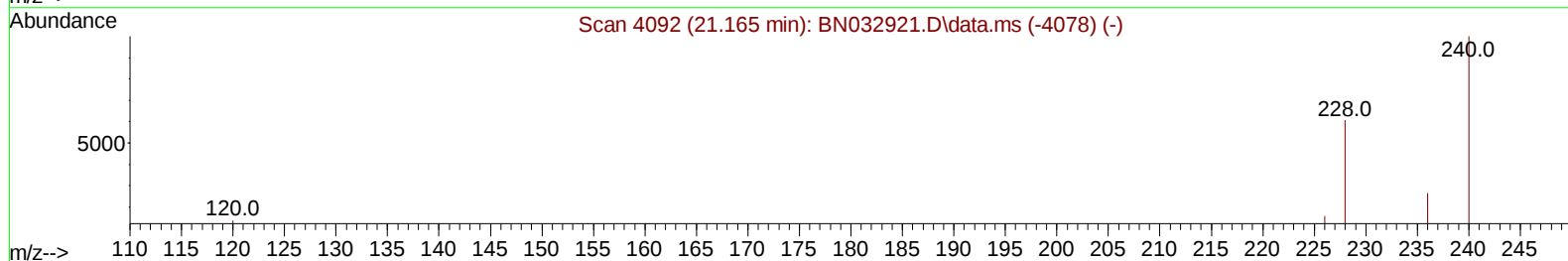
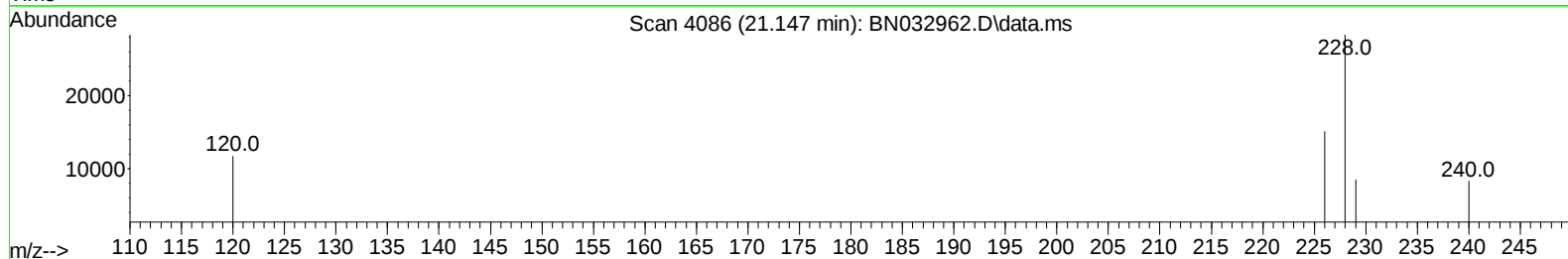
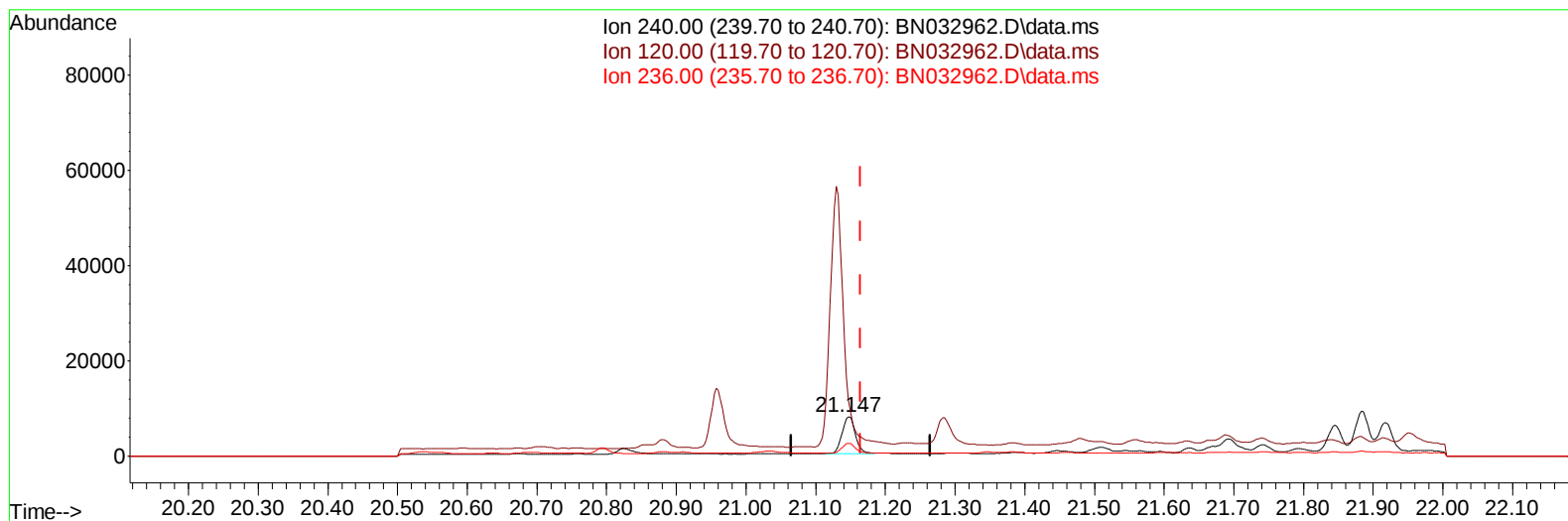
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032962.D\data.ms

(17) Chrysene-d12

21.147min (-0.018) 0.40 ng/ul m

response 10230

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	141.48#
236.00	28.40	32.03
0.00	0.00	0.00

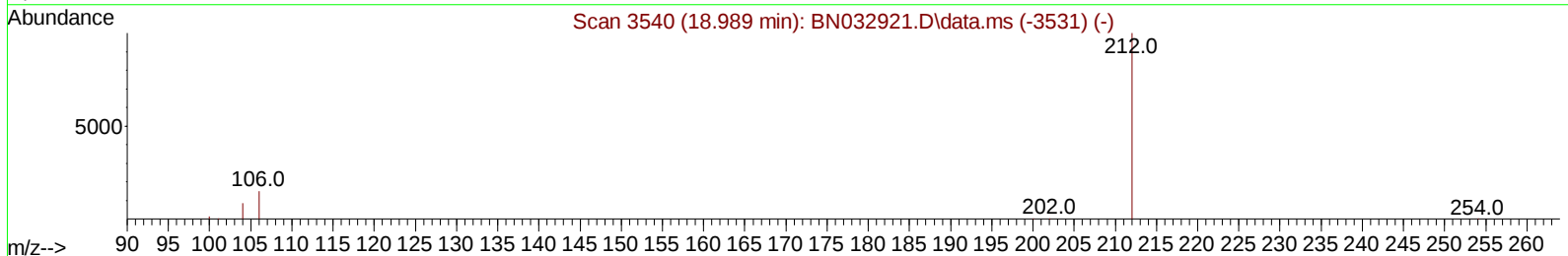
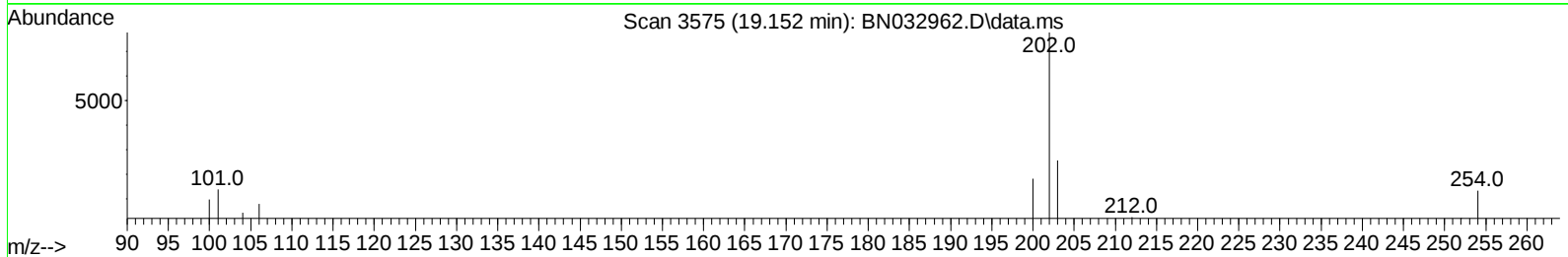
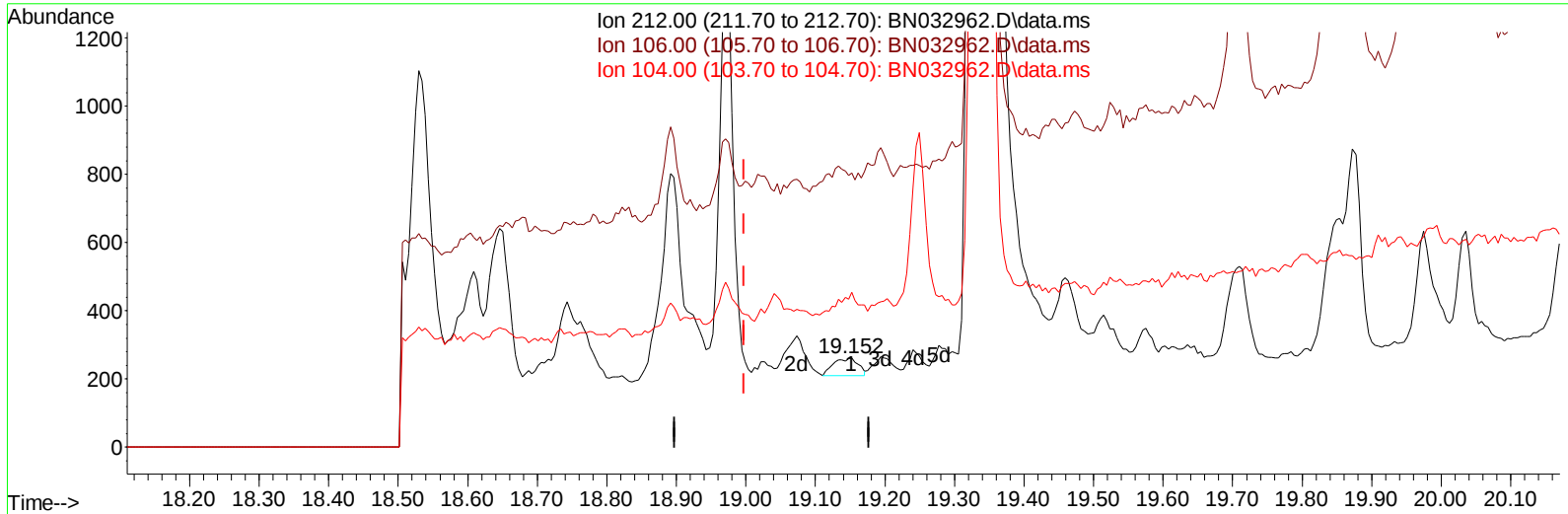
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

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TIC: BN032962.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.152min (+ 0.155) 0.00 ng/u1

response 128

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	161.72#
104.00	9.00	113.28#
0.00	0.00	0.00

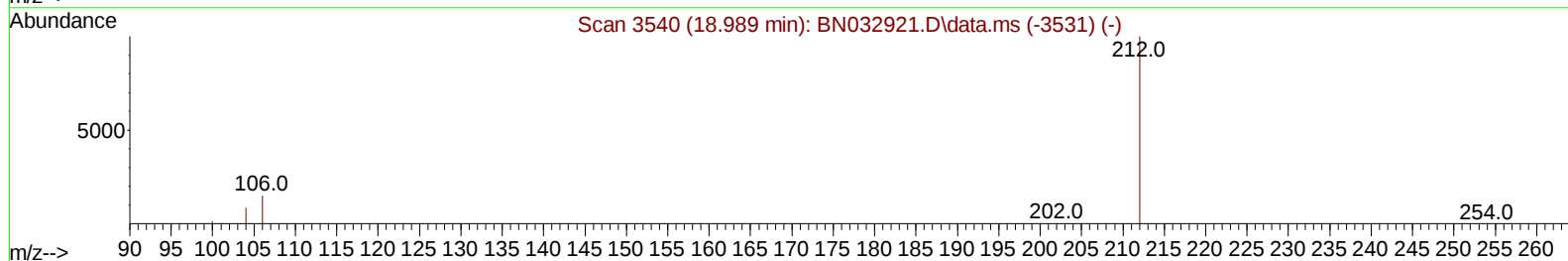
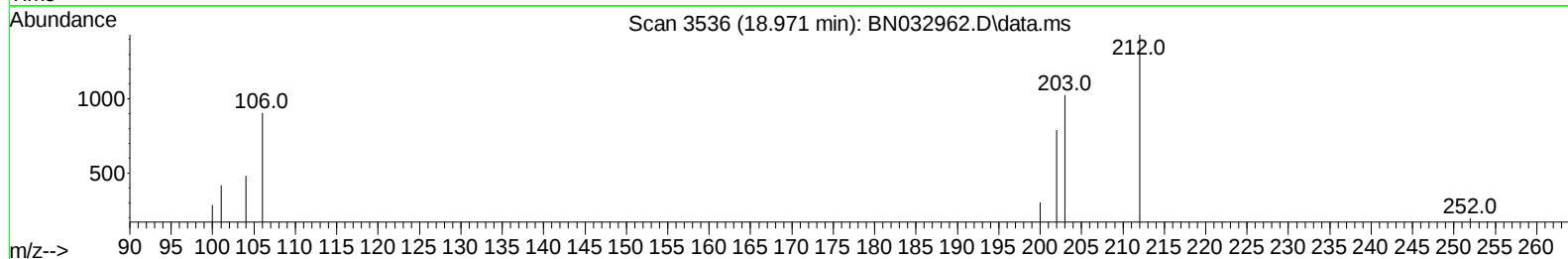
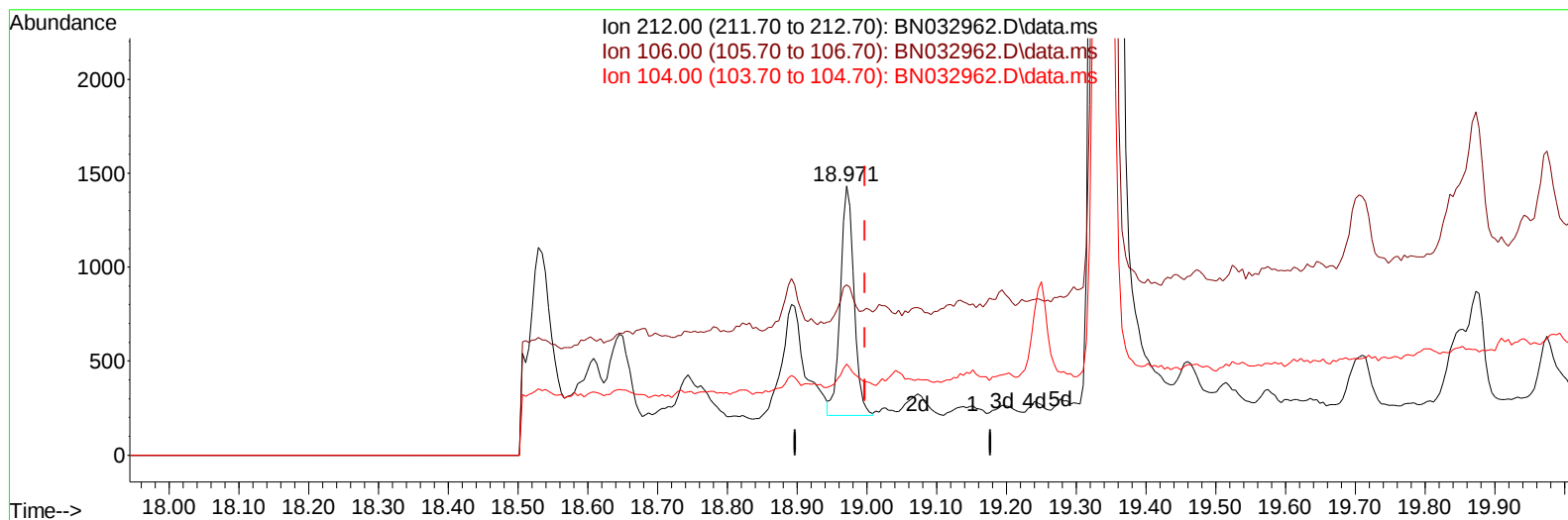
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
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Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032962.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.971min (-0.026) 0.05 ng/u1 m

response 1678

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	12.34
104.00	9.00	8.64
0.00	0.00	0.00

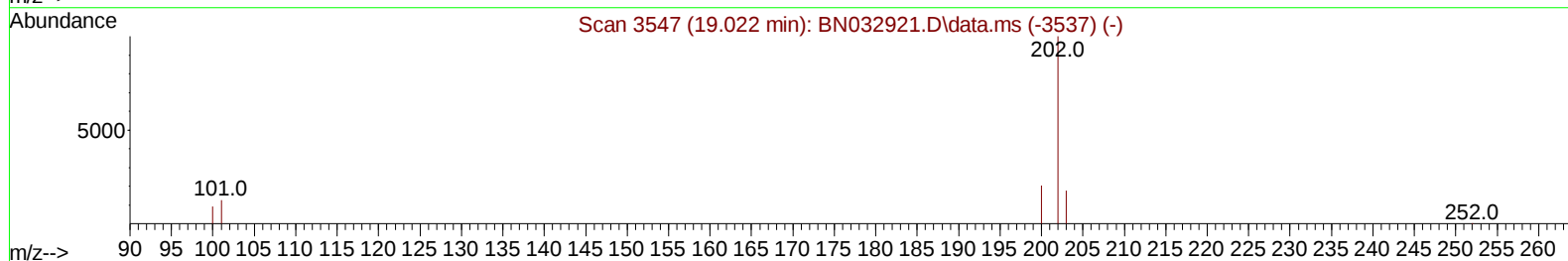
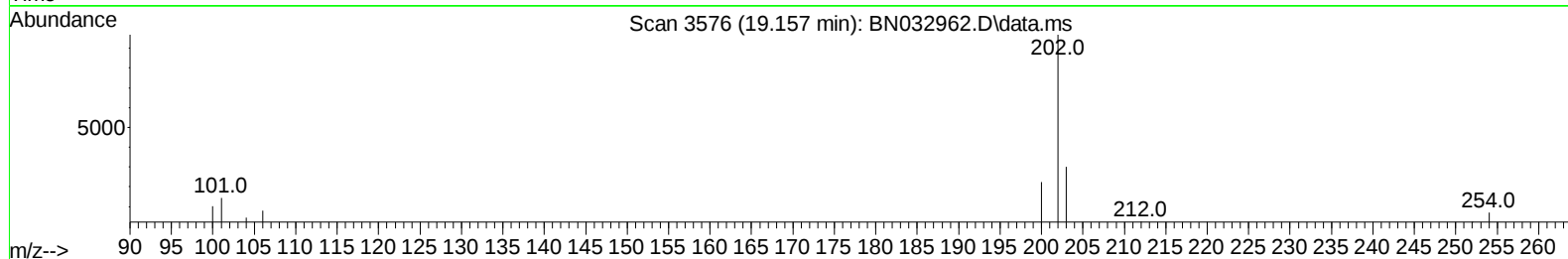
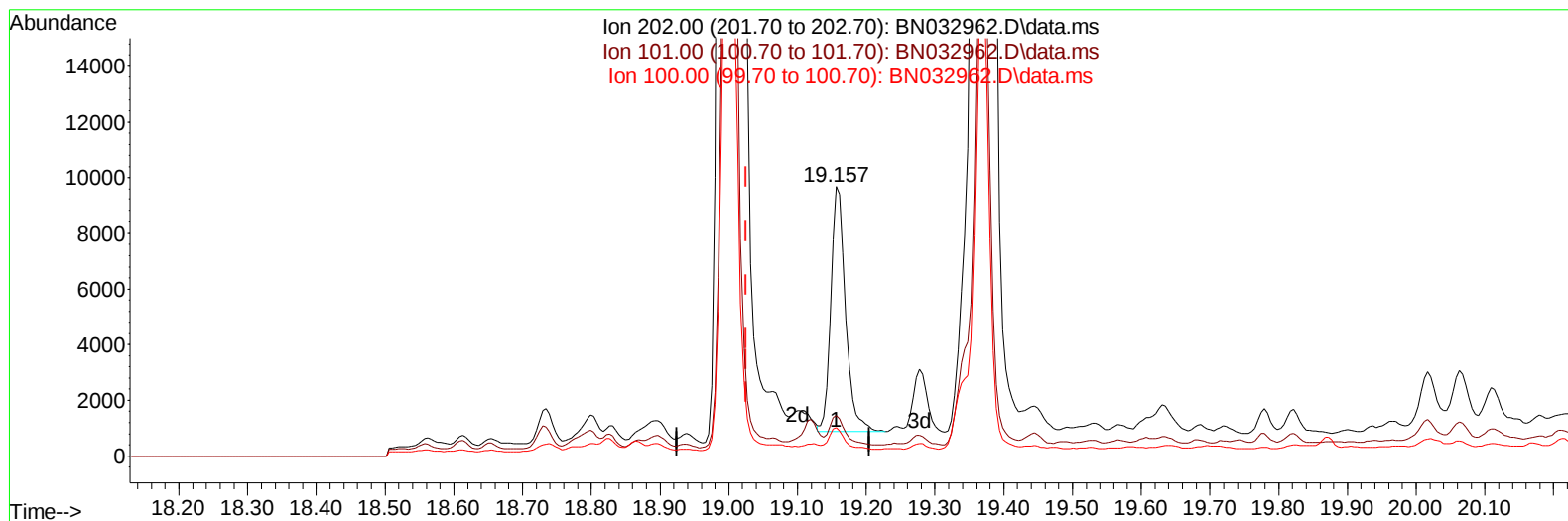
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

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TIC: BN032962.D\data.ms

(19) Fluoranthene (C)

19.157min (+ 0.132) 0.31 ng/u1

response 12959

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	14.93#
100.00	9.90	10.53
0.00	0.00	0.00

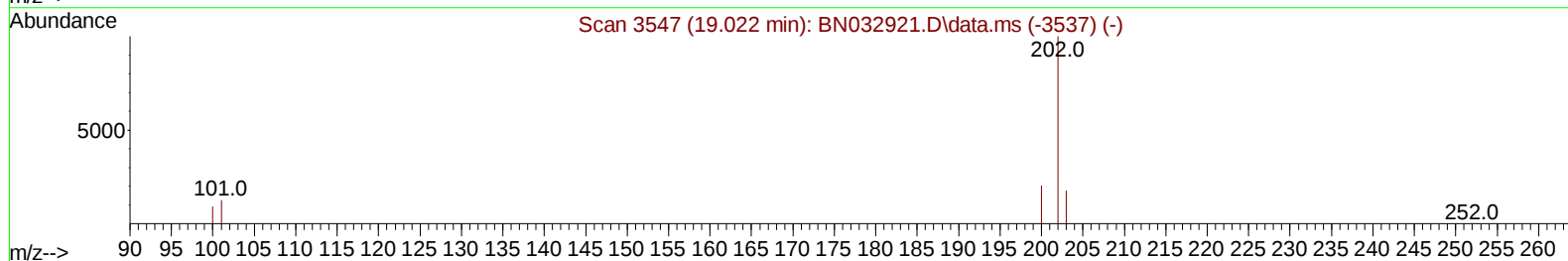
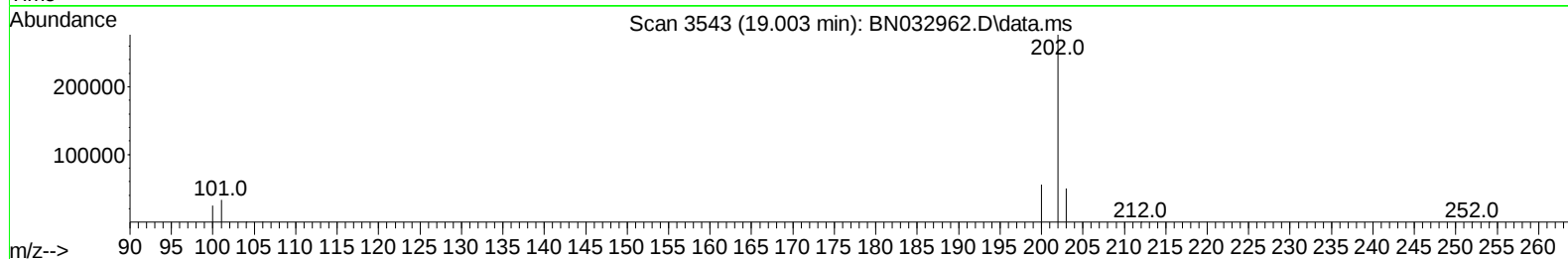
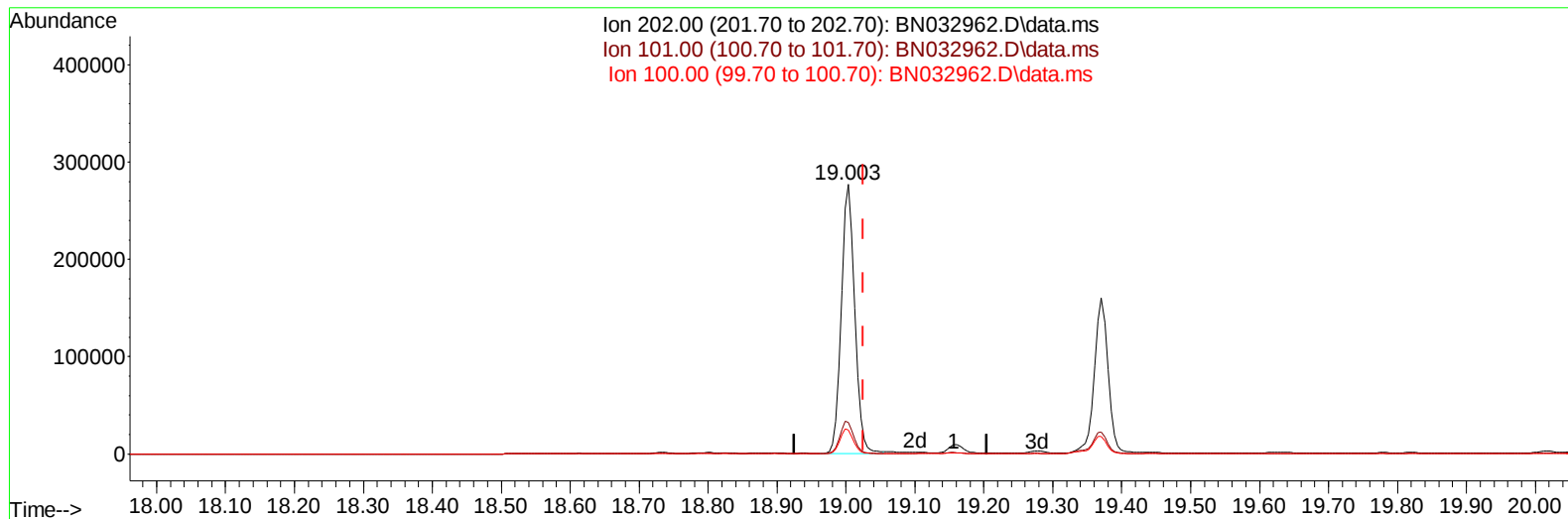
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(19) Fluoranthene (C)

19.003min (-0.022) 9.07 ng/u1 m

response 377207

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	11.81
100.00	9.90	8.83
0.00	0.00	0.00

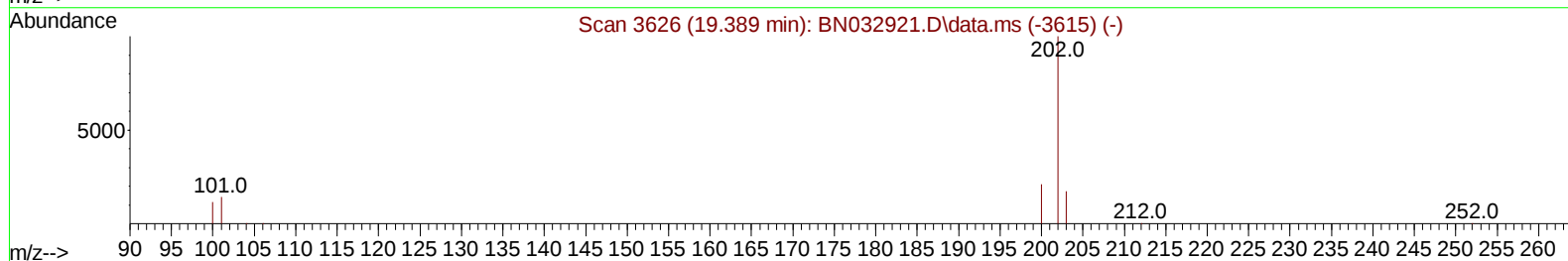
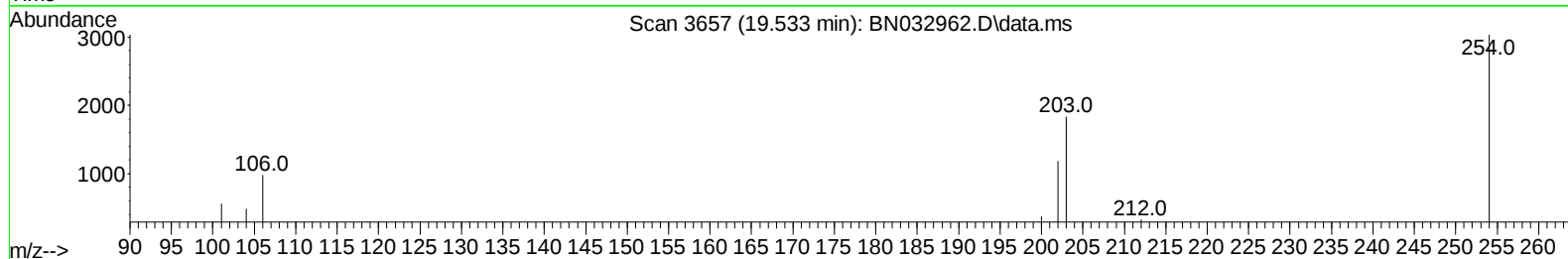
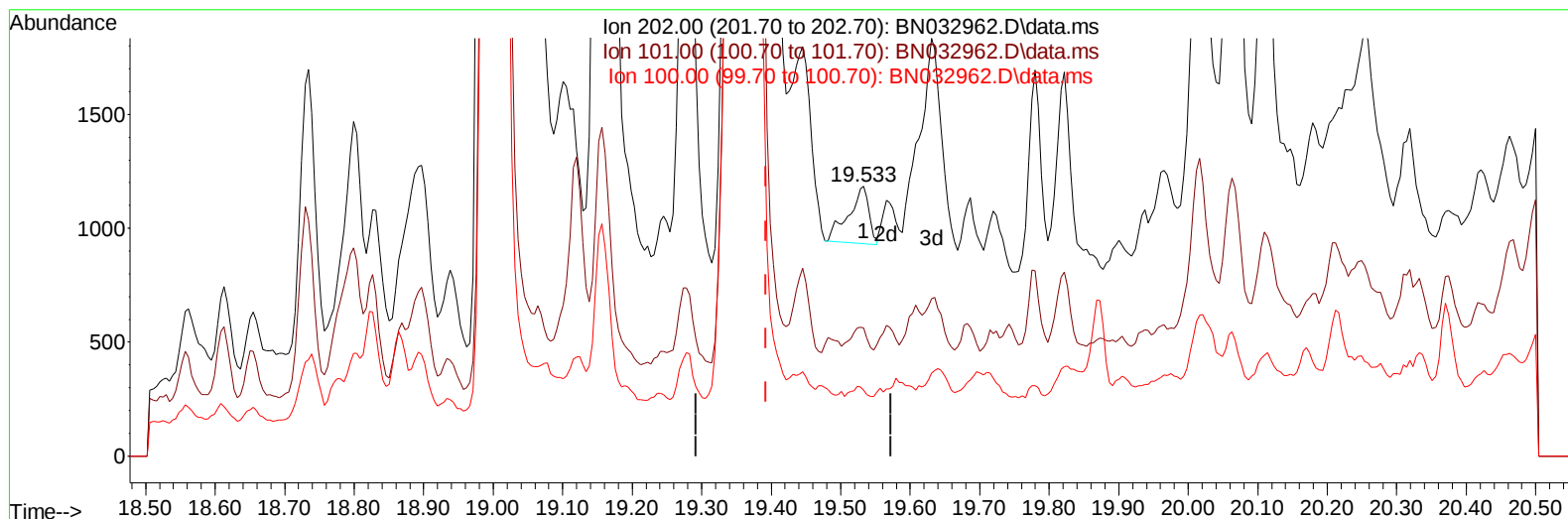
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(20) Pyrene

19.533min (+ 0.141) 0.01 ng/u1

response 505

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	47.59#
100.00	12.00	24.34#
0.00	0.00	0.00

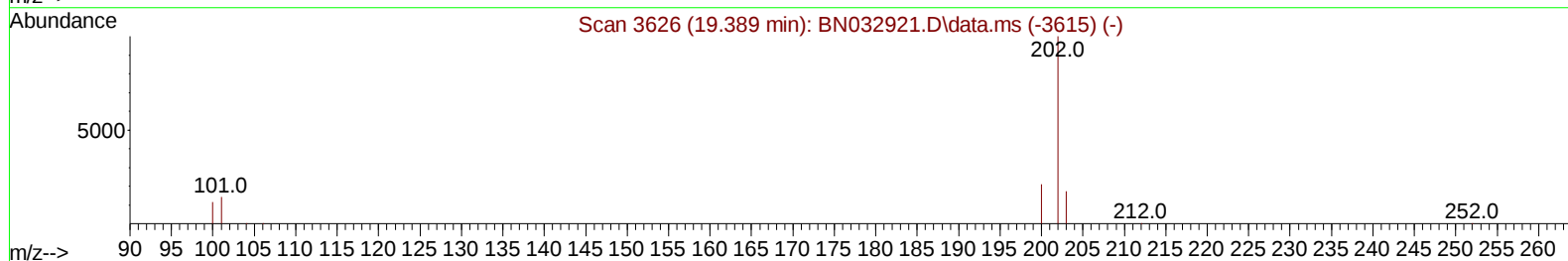
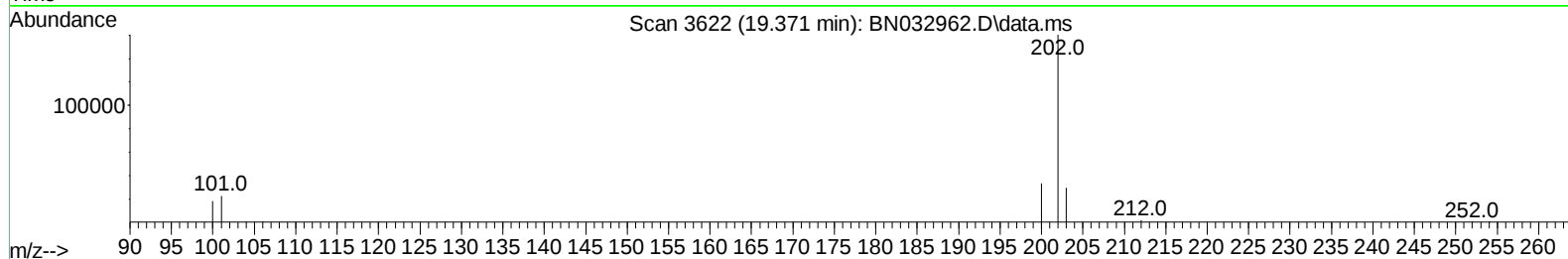
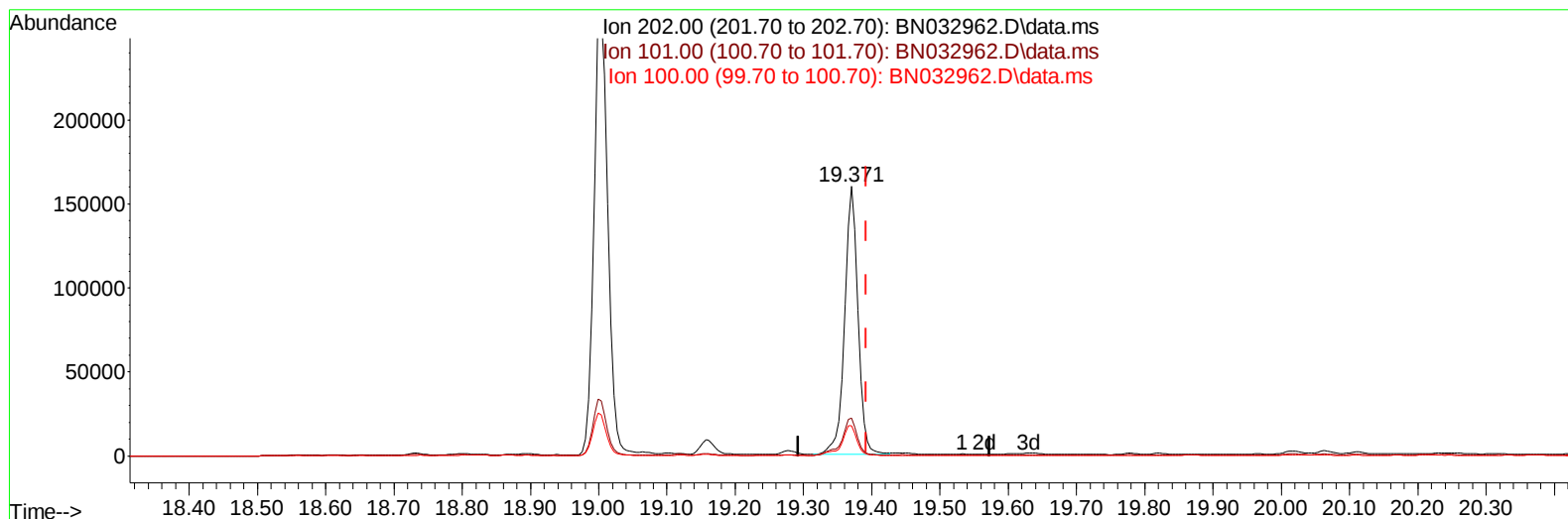
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(20) Pyrene

19.371min (-0.022) 5.04 ng/ul m

response 216931

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	14.11
100.00	12.00	11.25
0.00	0.00	0.00

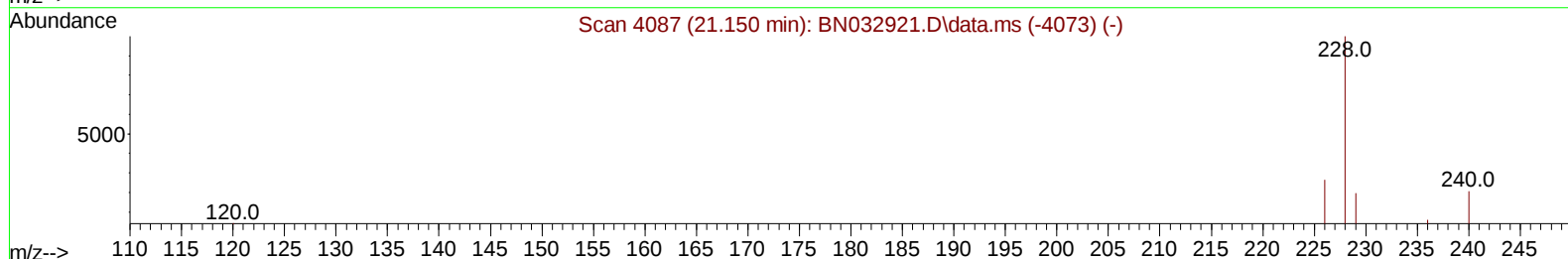
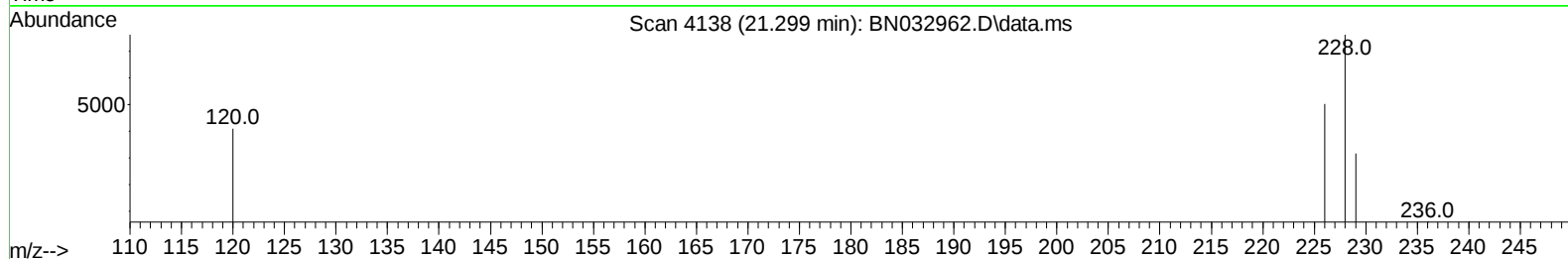
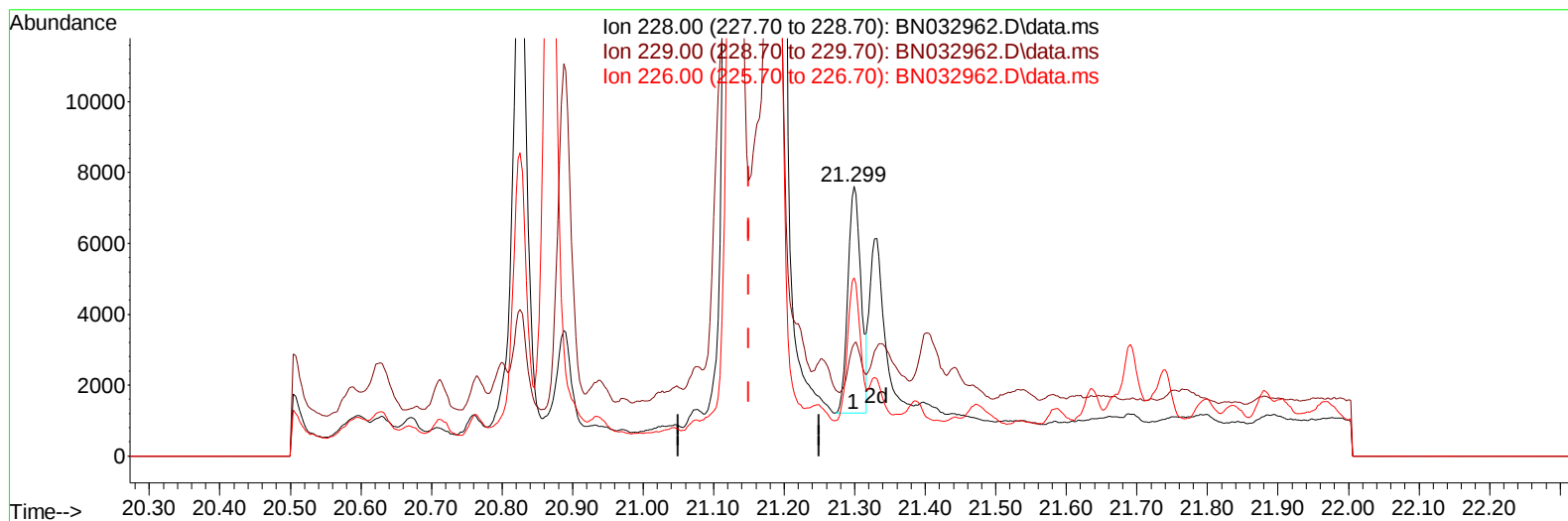
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
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TIC: BN032962.D\data.ms

(21) Benzo(a)anthracene

21.299min (+ 0.149) 0.26 ng/u1

response 8344

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	41.59#
226.00	27.40	66.10#
0.00	0.00	0.00

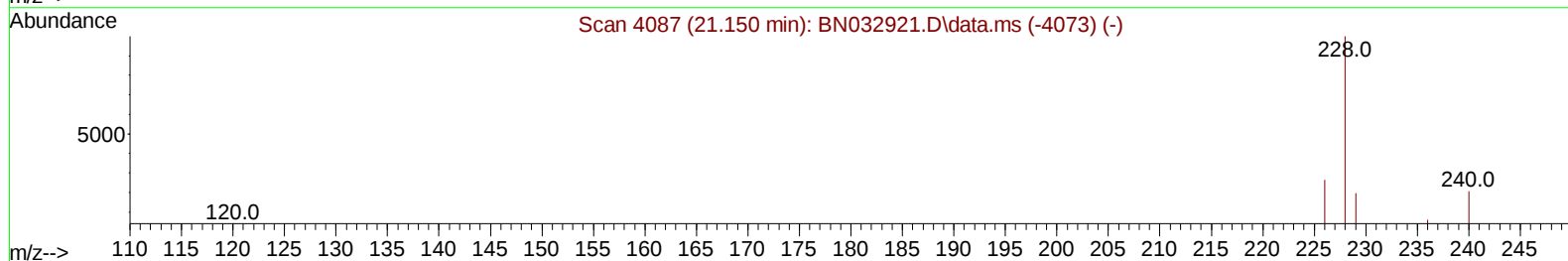
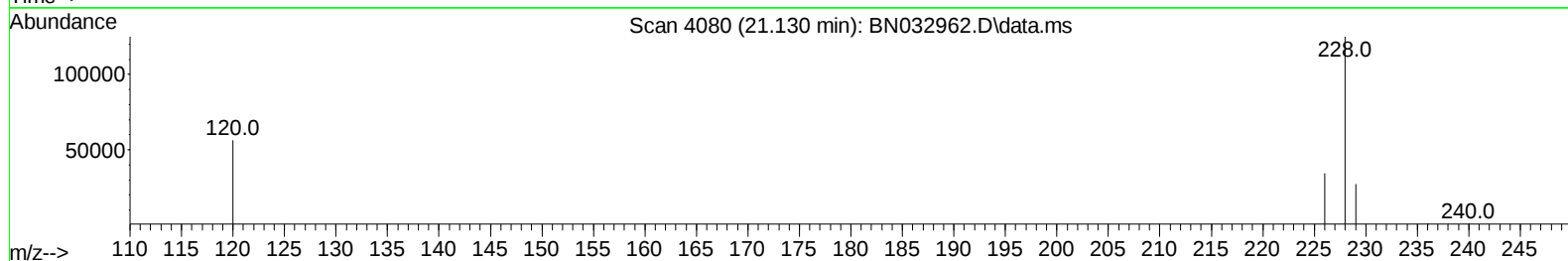
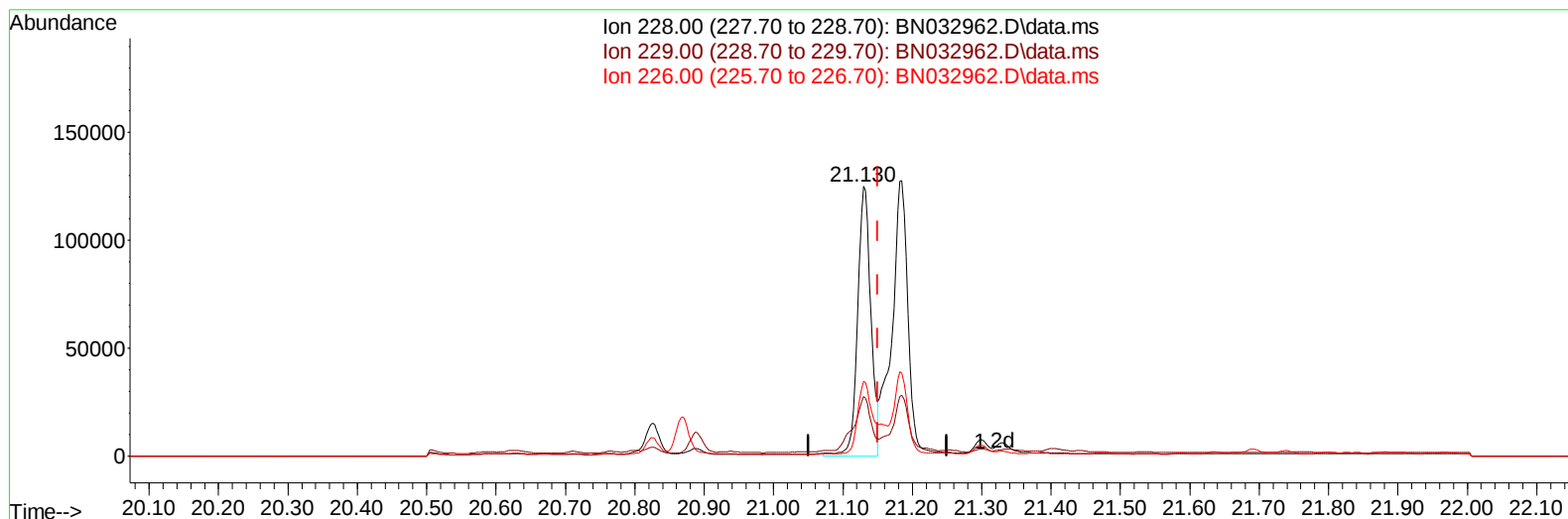
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
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TIC: BN032962.D\data.ms

(21) Benzo(a)anthracene

21.130min (-0.021) 5.09 ng/u1 m

response 165744

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.02
226.00	27.40	27.69
0.00	0.00	0.00

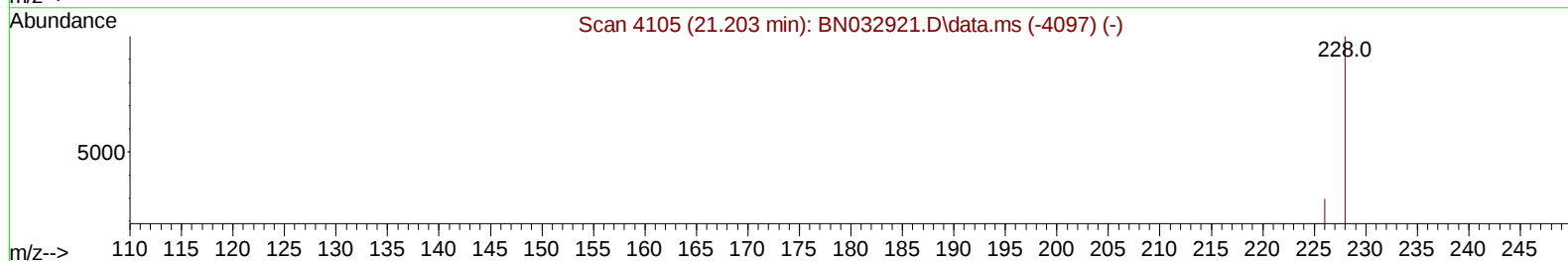
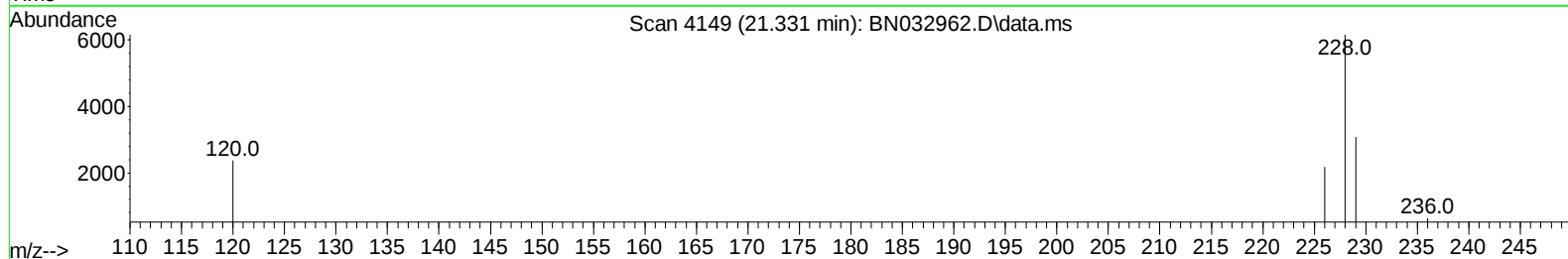
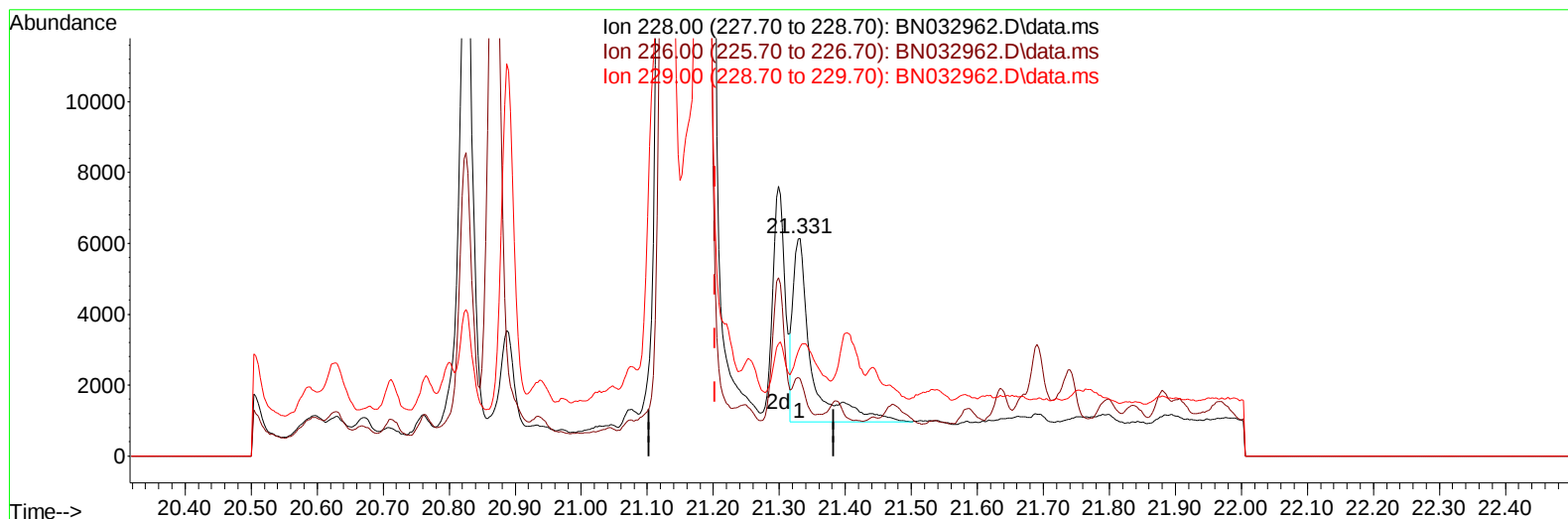
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(22) Chrysene

21.331min (+ 0.128) 0.21 ng/u1

response 9965

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	35.58
229.00	19.70	50.01#
0.00	0.00	0.00

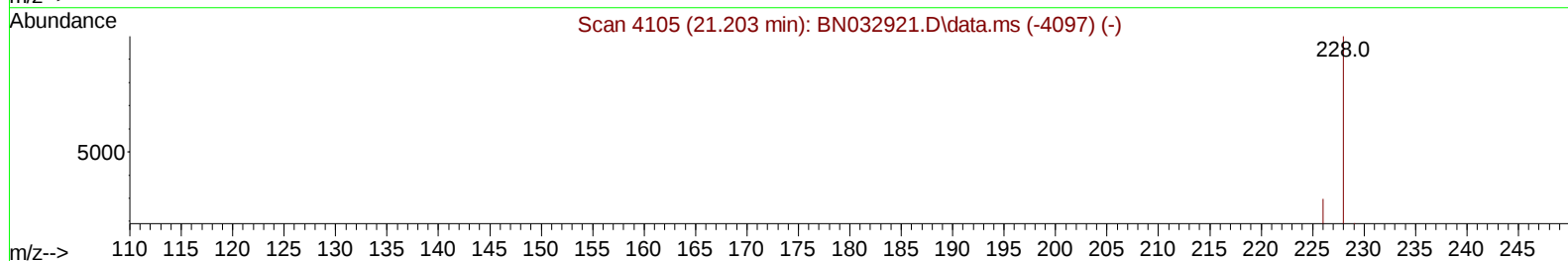
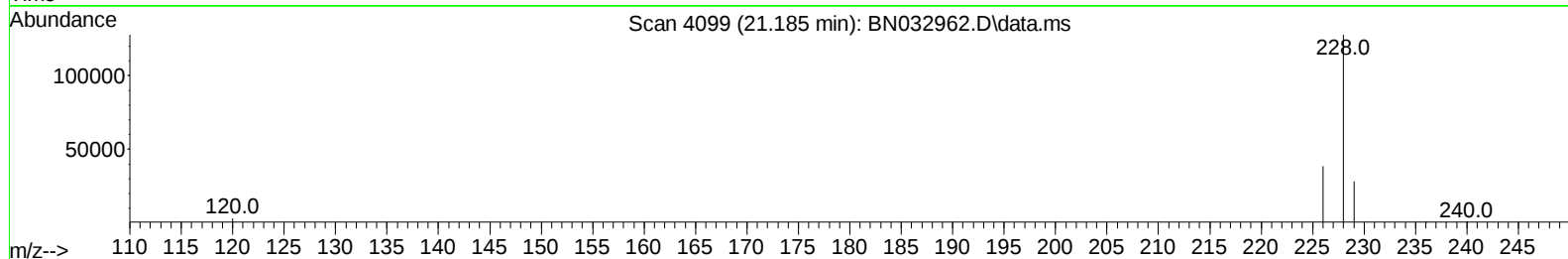
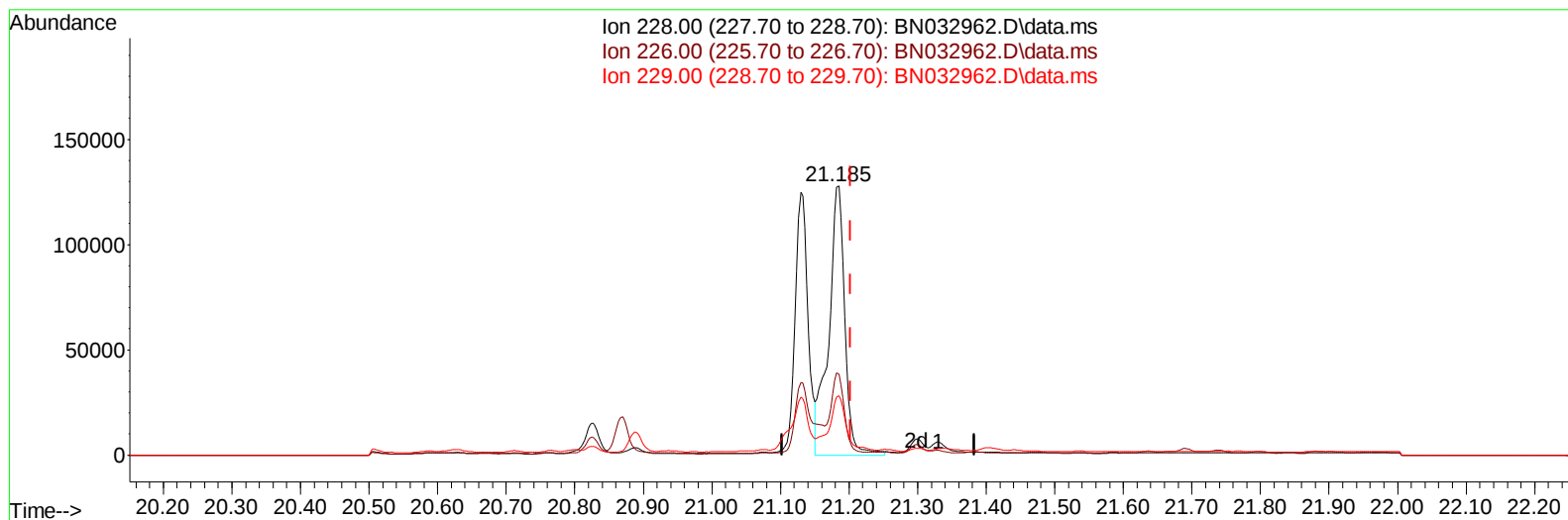
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(22) Chrysene

21.185min (-0.018) 4.45 ng/u1 m

response 209786

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.03
229.00	19.70	22.05
0.00	0.00	0.00

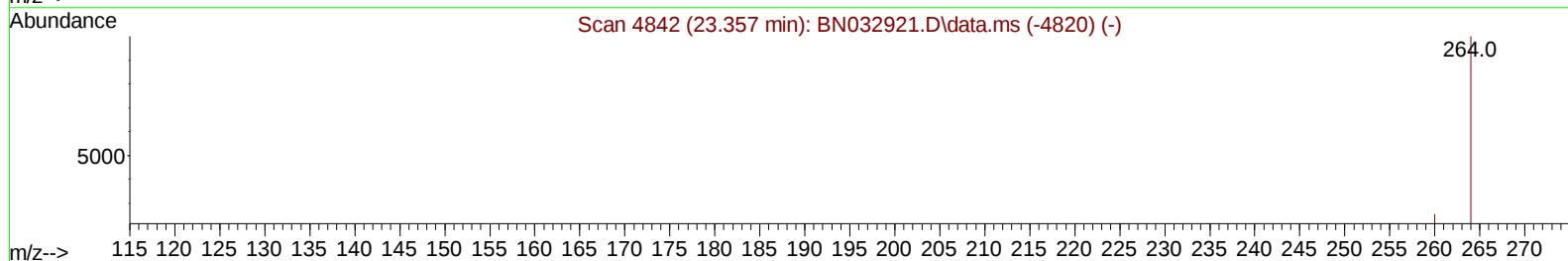
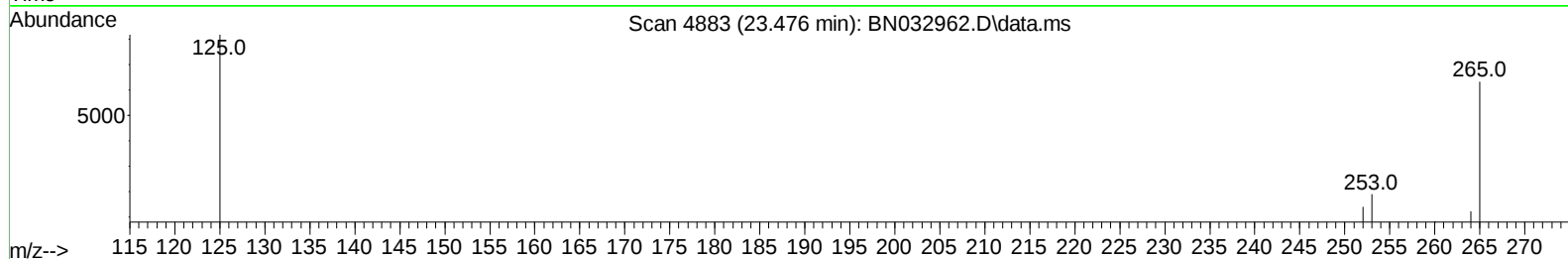
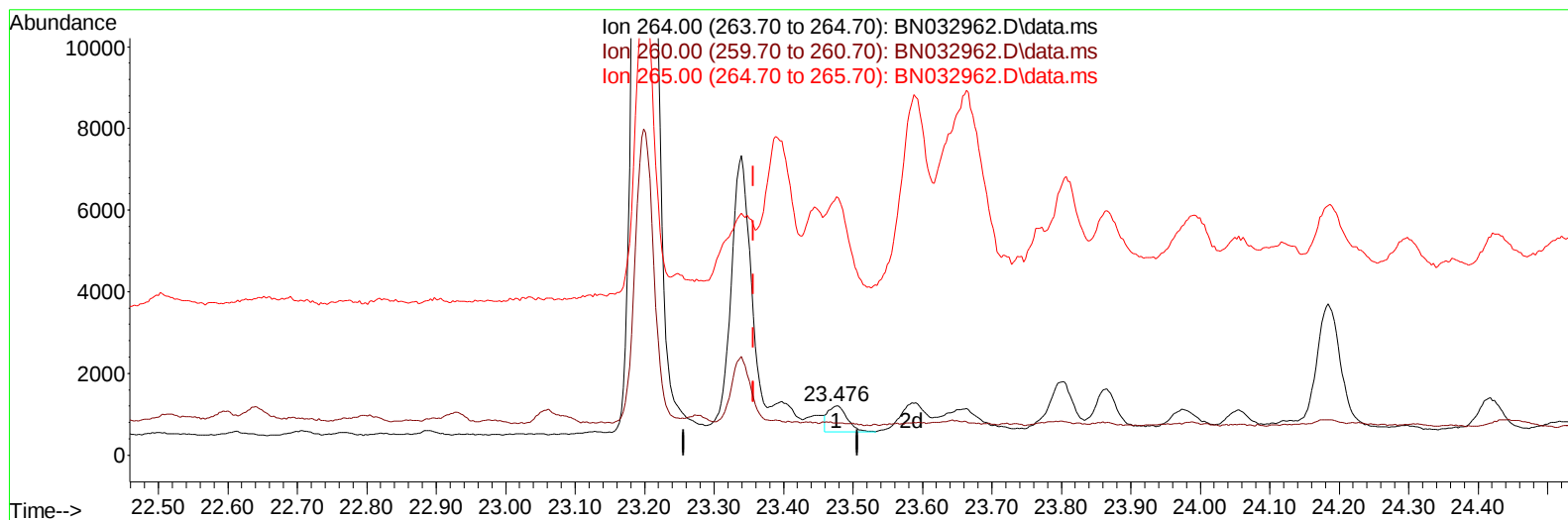
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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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TIC: BN032962.D\data.ms

(23) Perylene-d12 (I)

23.476min (+ 0.120) 0.40 ng/u1

response 1233

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	65.40#
265.00	95.50	522.63#
0.00	0.00	0.00

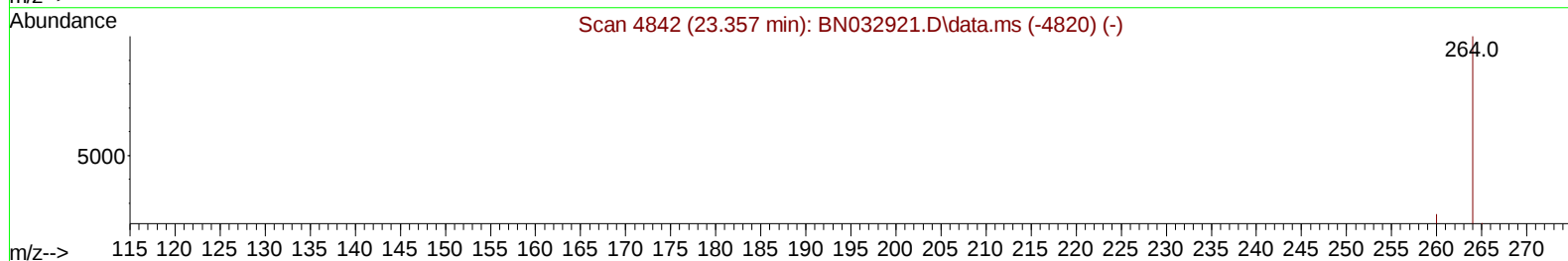
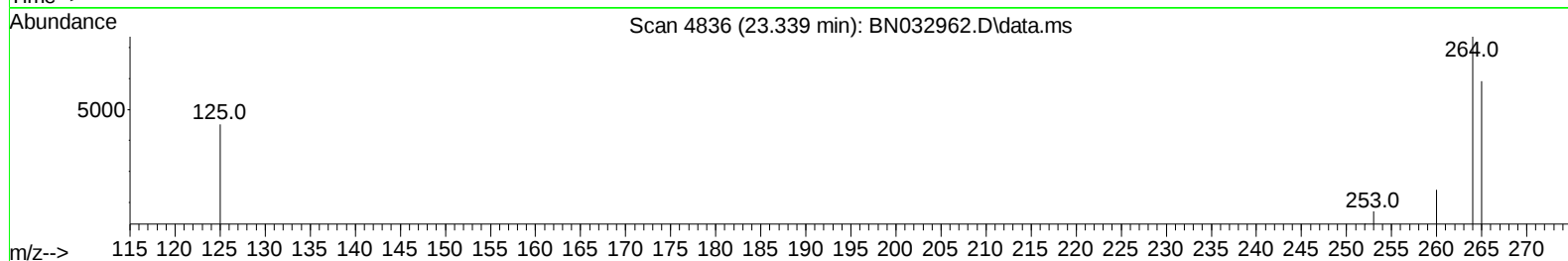
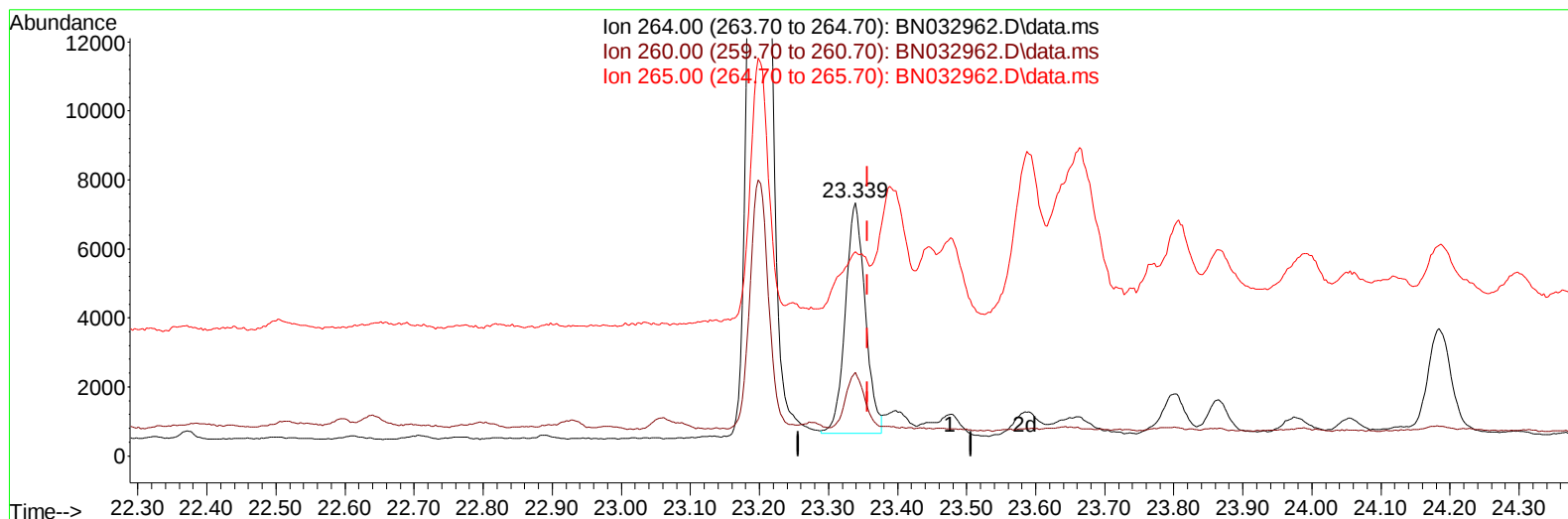
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:50:10 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: BN032962.D\data.ms

(23) Perylene-d12 (I)

23.339min (-0.018) 0.40 ng/ul m

response 13304

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	32.87#
265.00	95.50	80.63
0.00	0.00	0.00

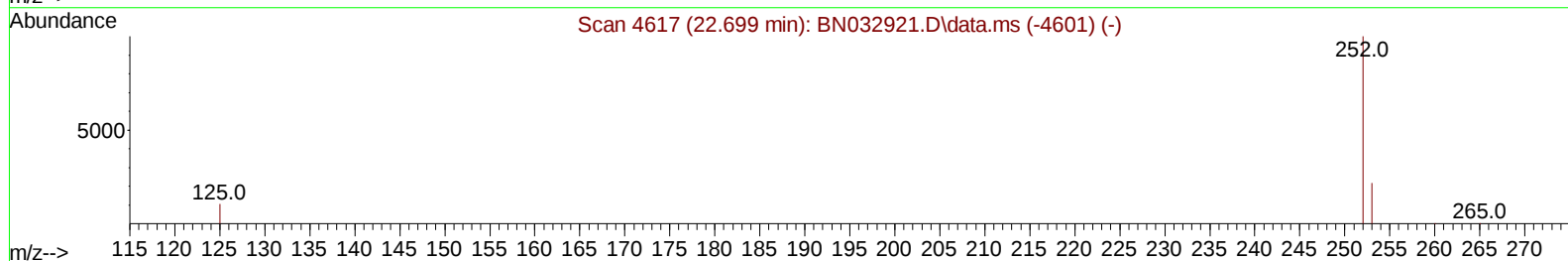
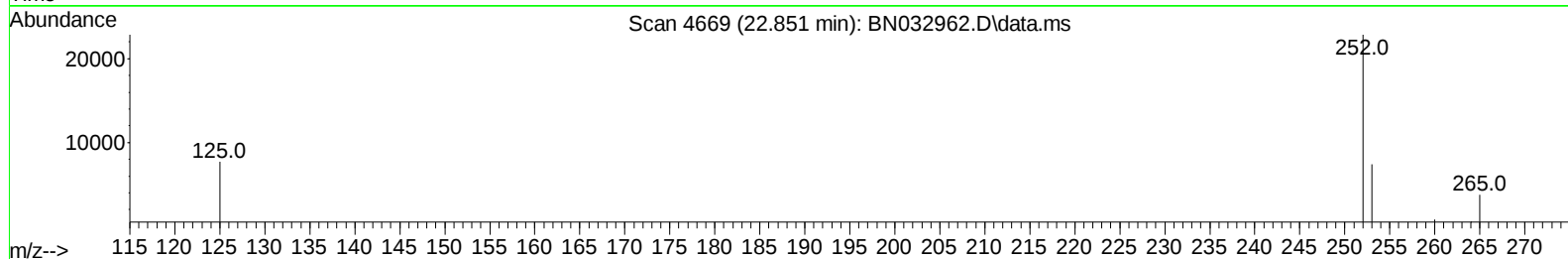
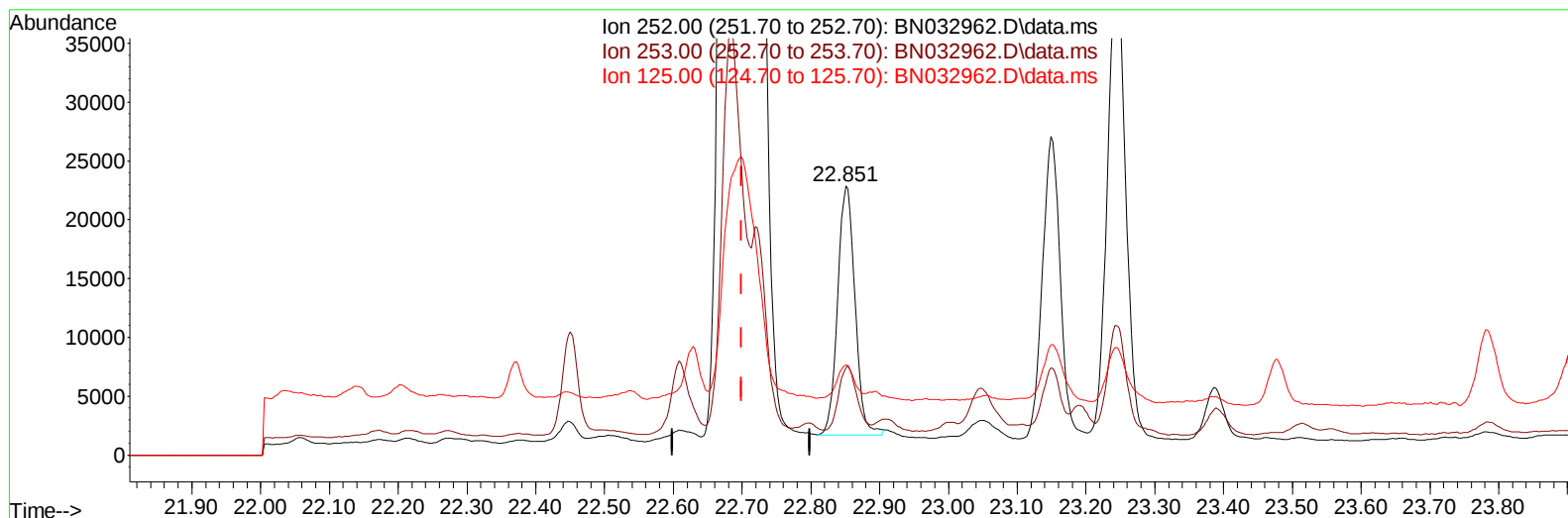
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032962.D\data.ms

(24) Benzo(b)fluoranthene

22.851min (+ 0.152) 0.79 ng/u1

response 37208

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	32.46
125.00	18.00	33.65
0.00	0.00	0.00

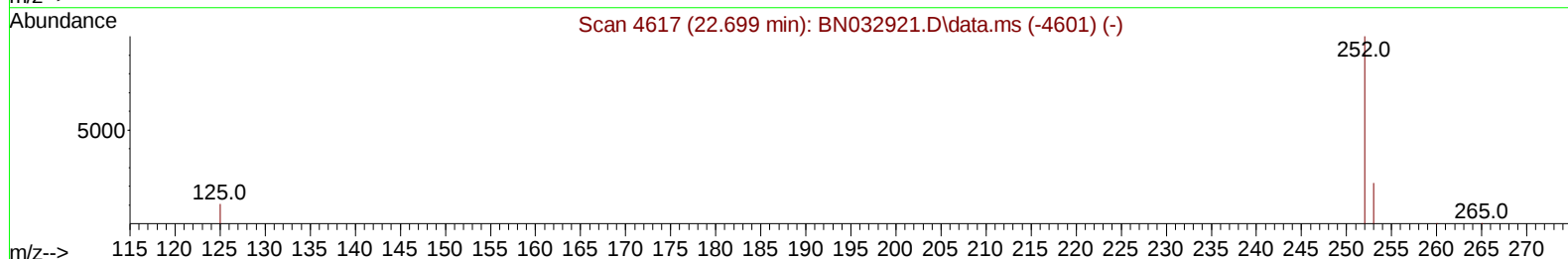
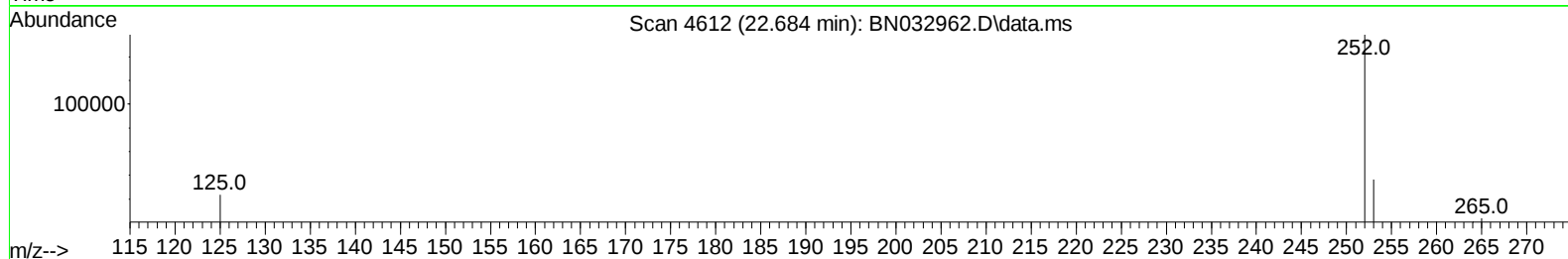
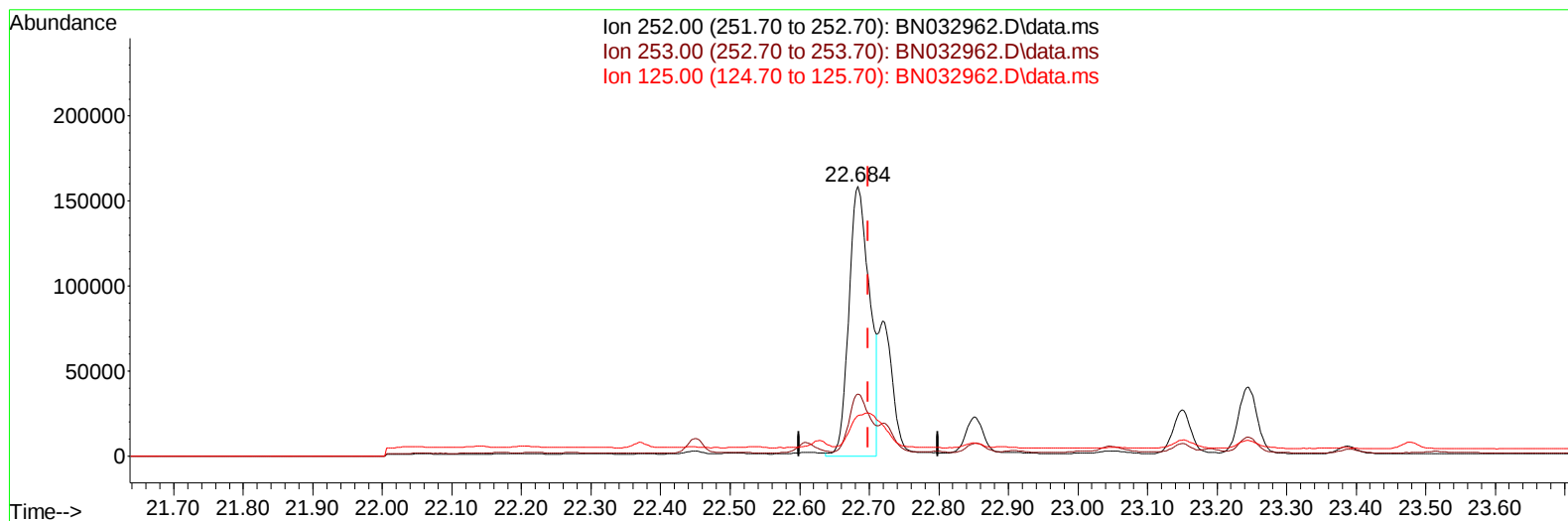
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(24) Benzo(b)fluoranthene

22.684min (-0.015) 7.00 ng/u1 m

response 328511

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.95
125.00	18.00	14.89
0.00	0.00	0.00

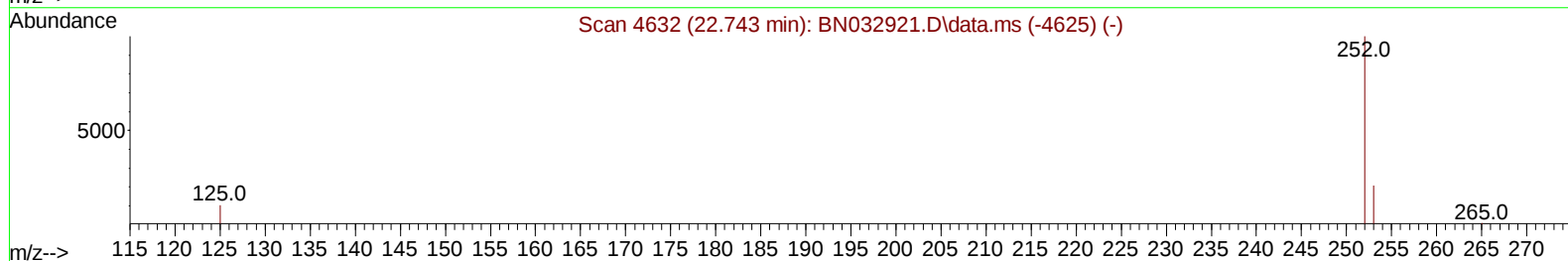
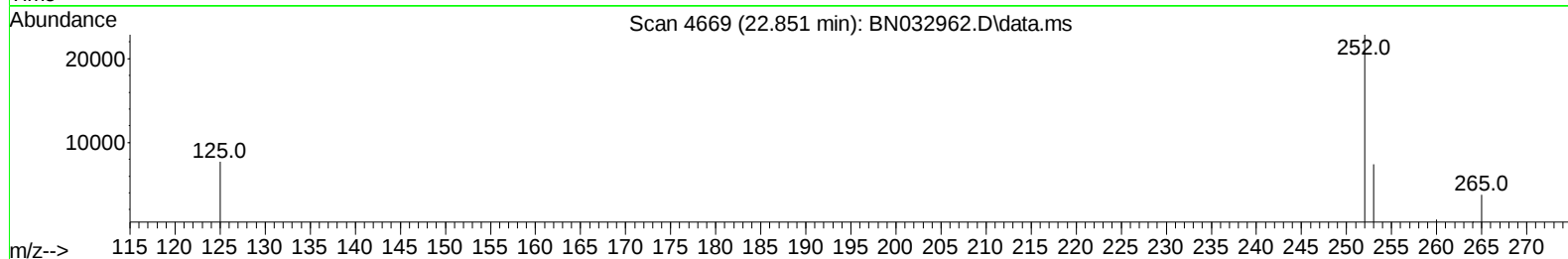
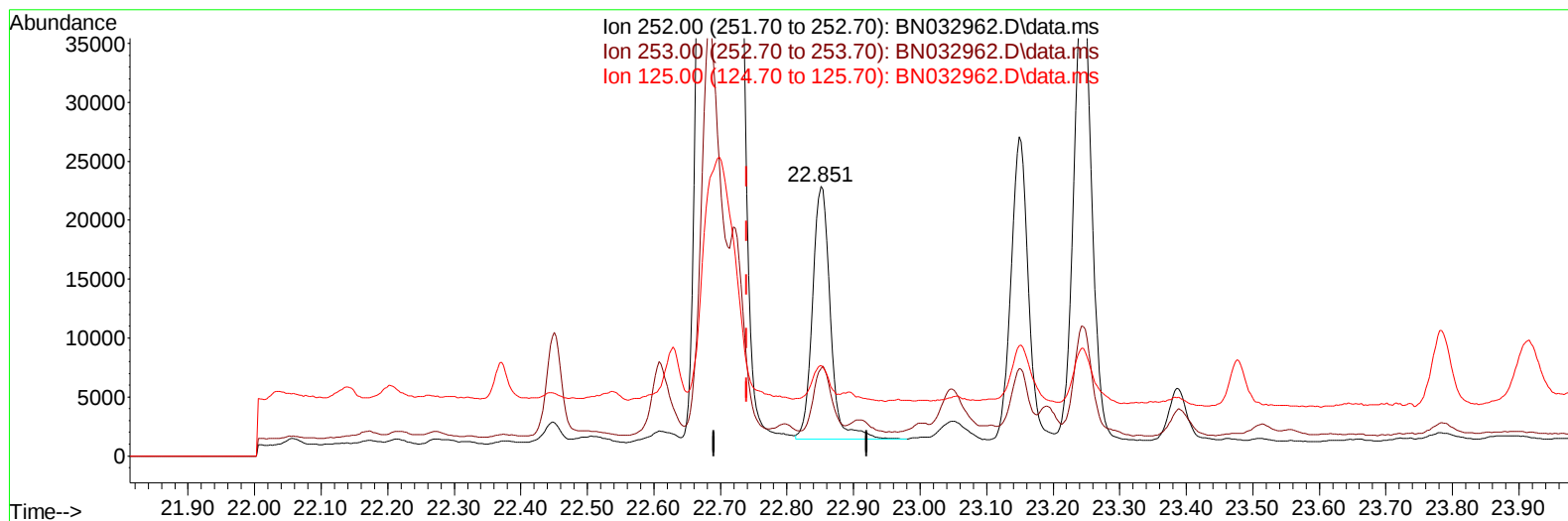
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(25) Benzo(k)fluoranthene

22.851min (+ 0.111) 0.69 ng/u1

response 39541

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	32.46#
125.00	18.50	33.65#
0.00	0.00	0.00

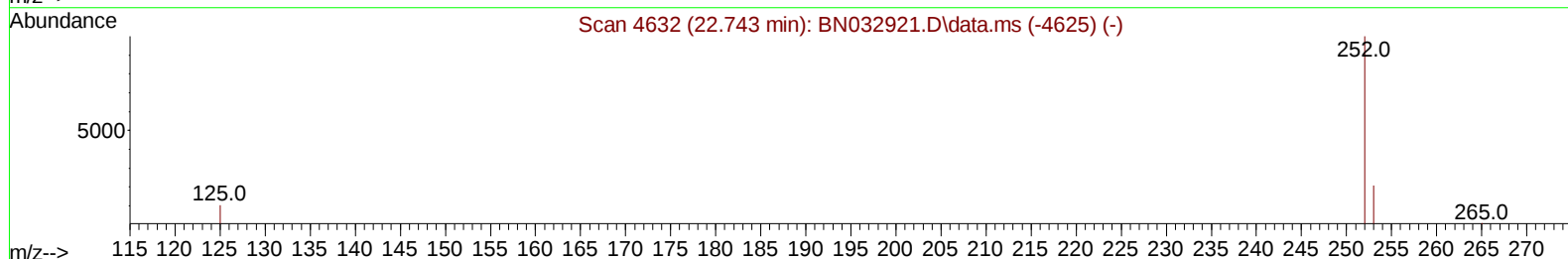
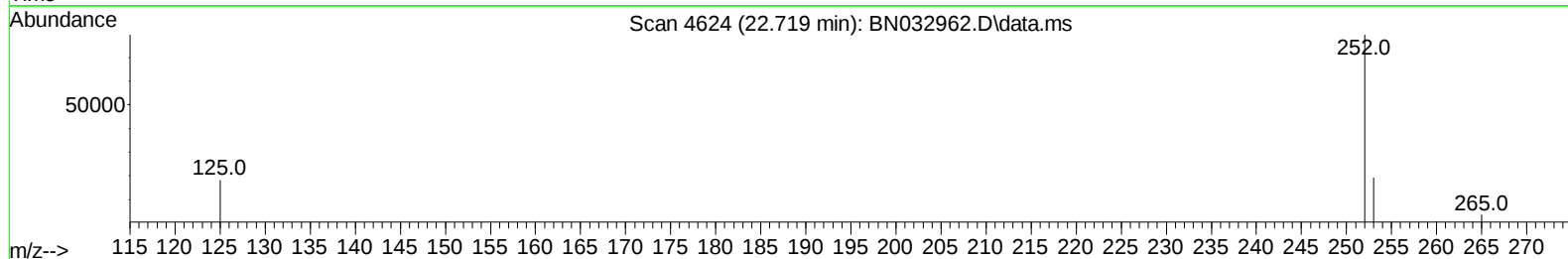
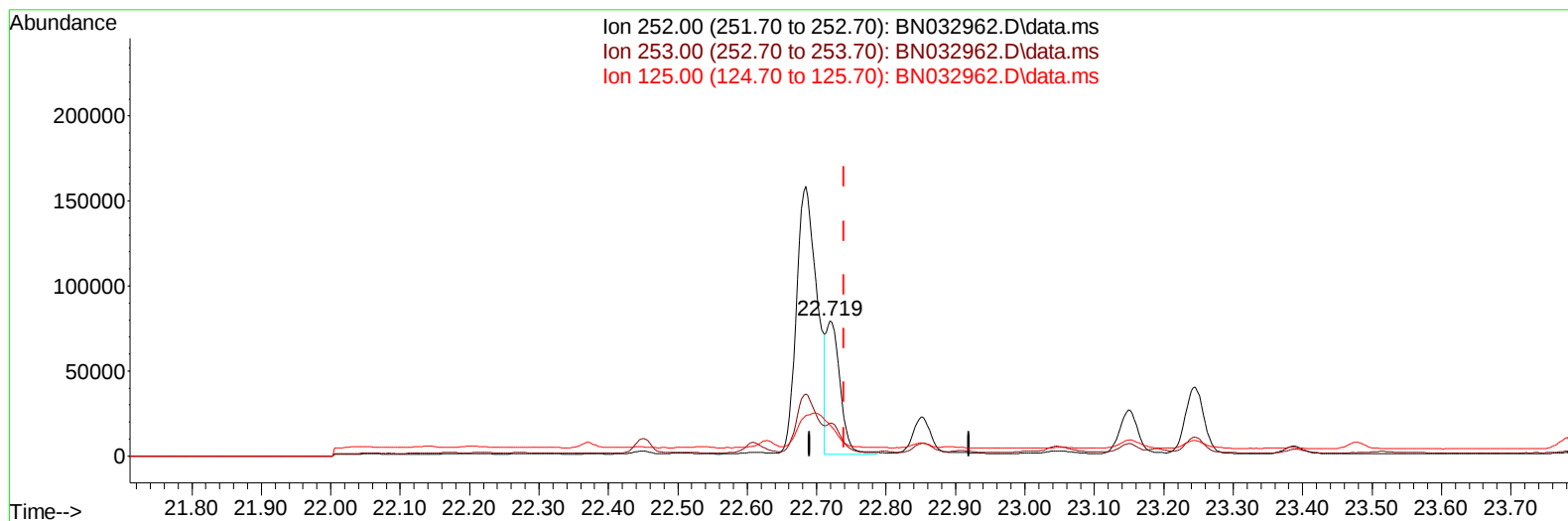
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
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TIC: BN032962.D\data.ms

(25) Benzo(k)fluoranthene

22.719min (-0.021) 1.96 ng/u1 m

response 111855

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.43
125.00	18.50	23.06#
0.00	0.00	0.00

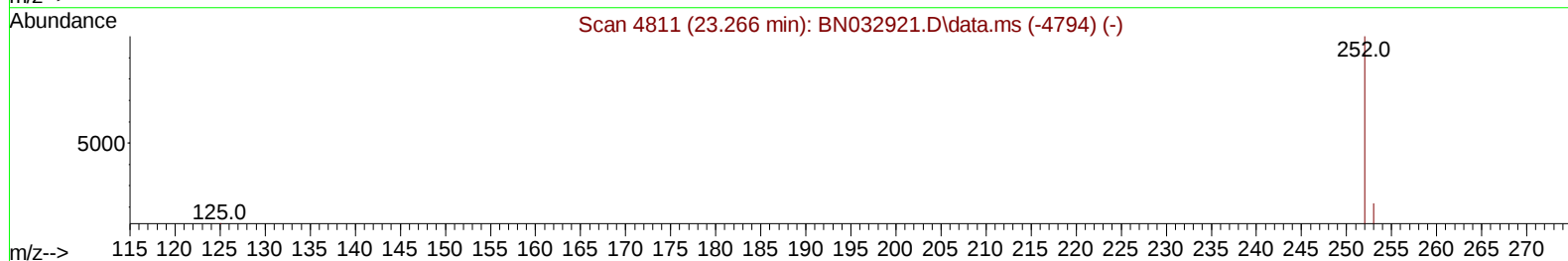
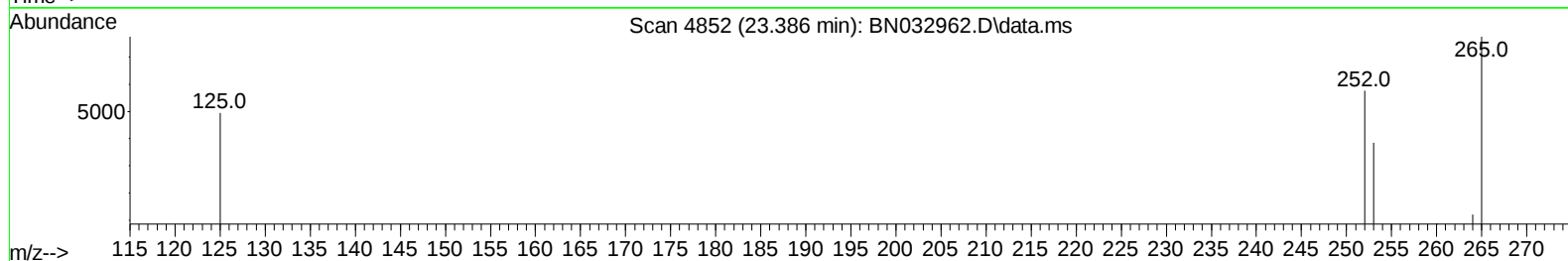
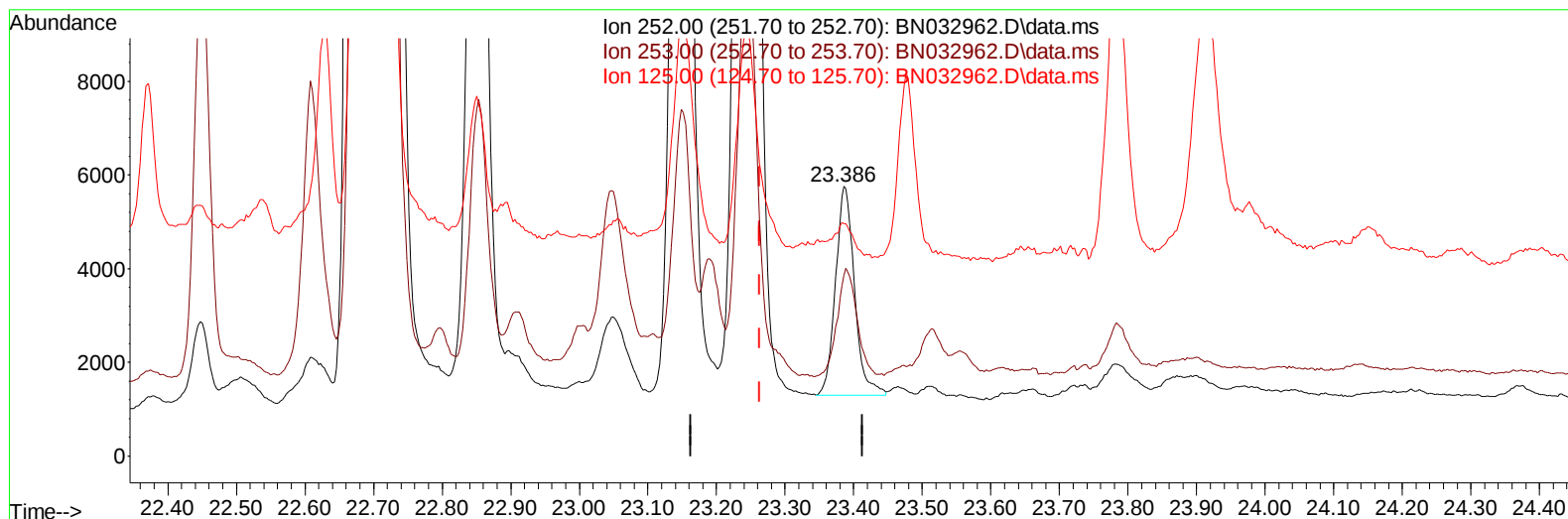
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(26) Benzo(a)pyrene (C)

23.386min (+ 0.122) 0.21 ng/u1

response 8585

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	67.03#
125.00	25.70	86.10#
0.00	0.00	0.00

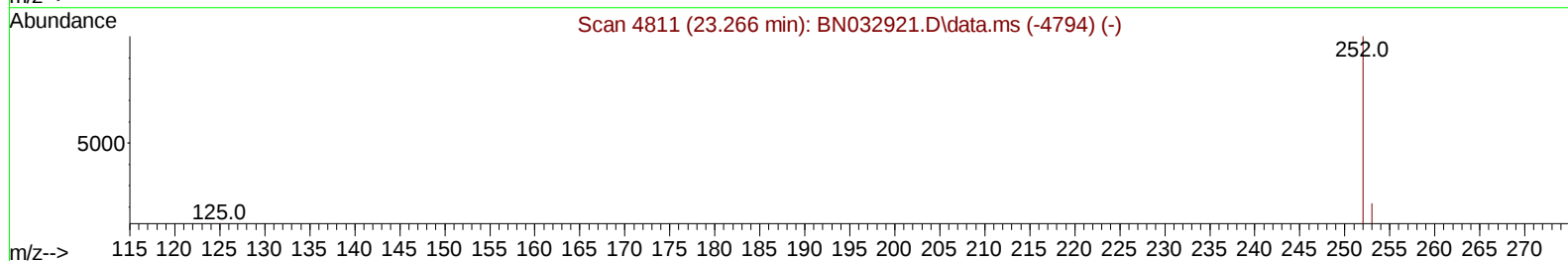
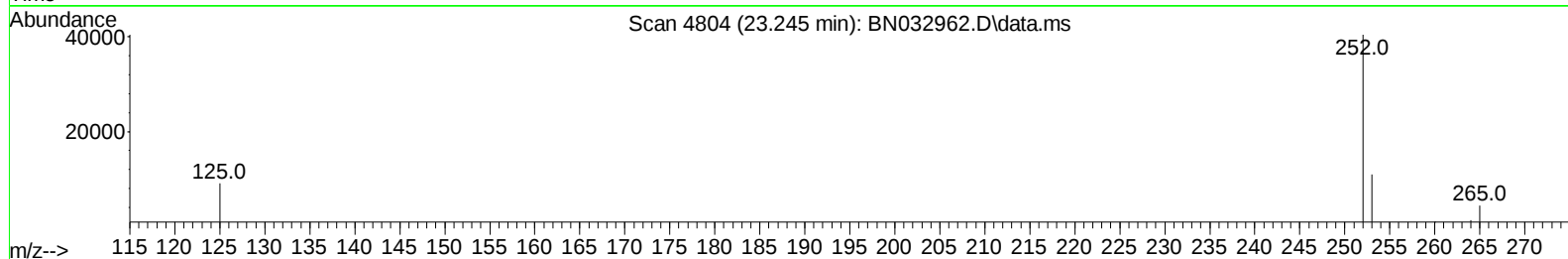
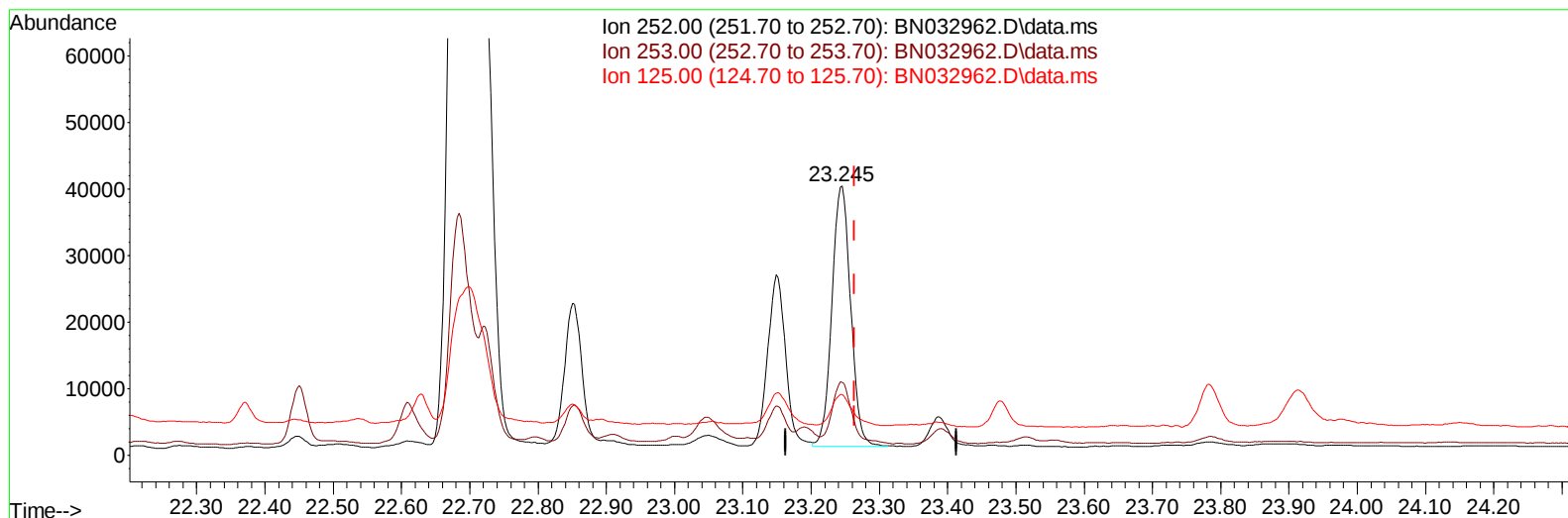
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(26) Benzo(a)pyrene (C)

23.245min (-0.018) 1.85 ng/u1 m

response 74969

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	27.11
125.00	25.70	22.61
0.00	0.00	0.00

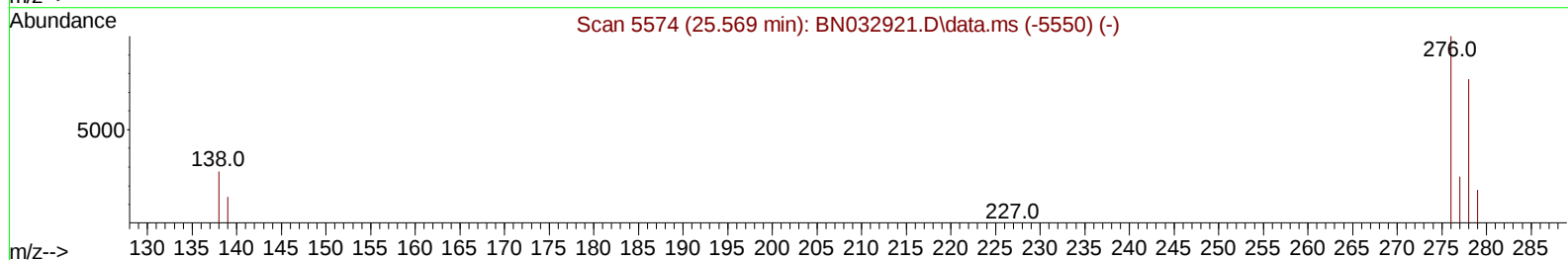
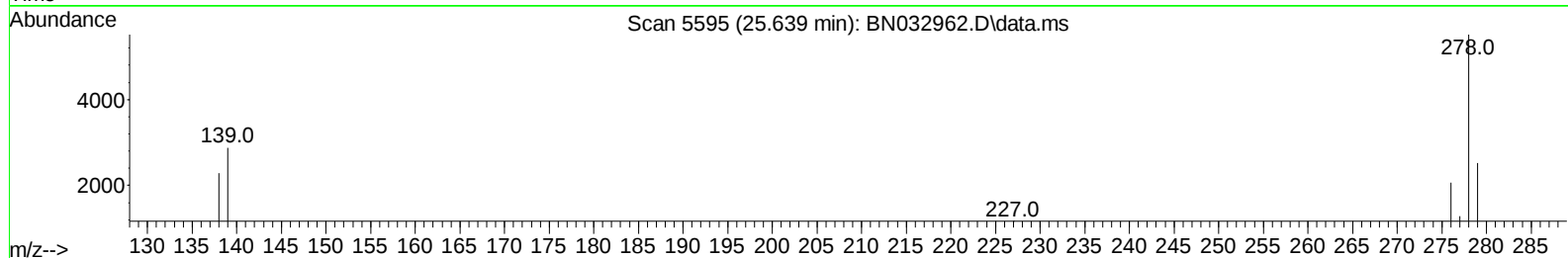
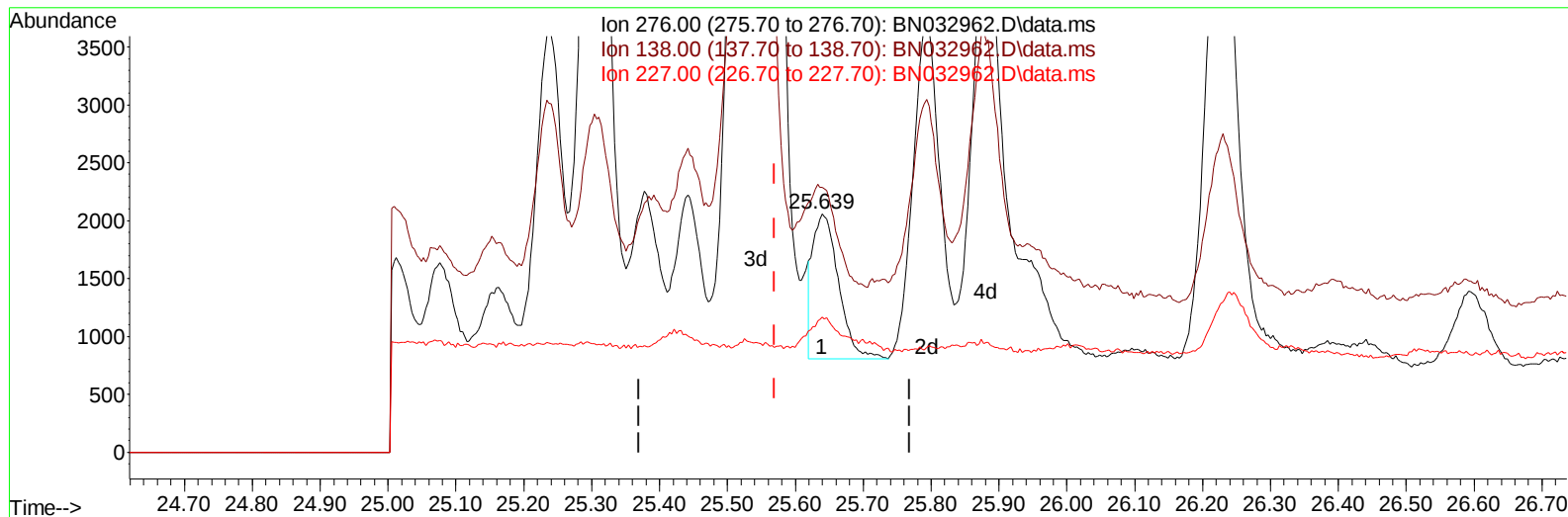
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
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TIC: BN032962.D\data.ms

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

25.639min (+ 0.070) 0.06 ng/u1

response 3316

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	0.00#
227.00	0.00	24.37#
0.00	0.00	0.00

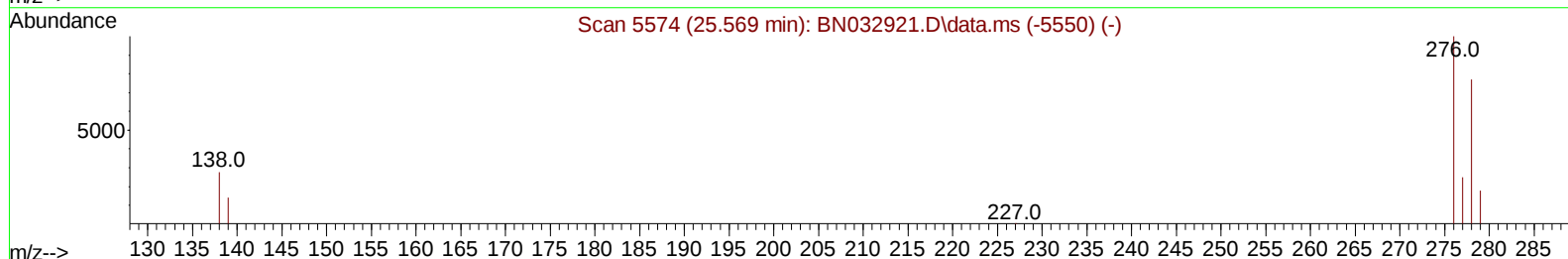
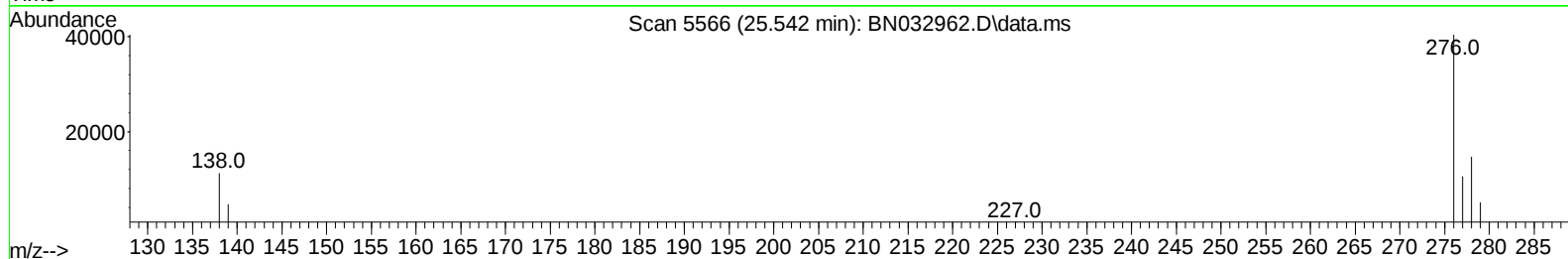
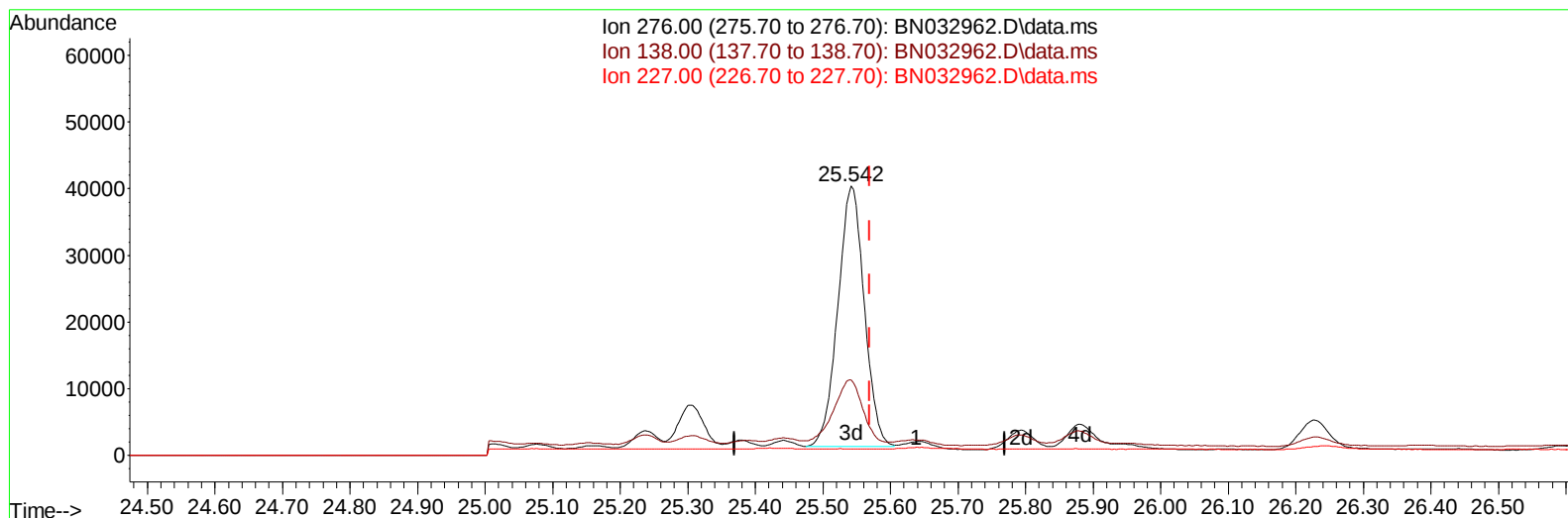
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032962.D
 Acq On : 24 Jul 2024 23:49
 Operator : MA/JU
 Sample : P3215-15DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

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

25.542min (-0.027) 1.93 ng/ul m

response 106278

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	0.00#
227.00	0.00	0.76#
0.00	0.00	0.00

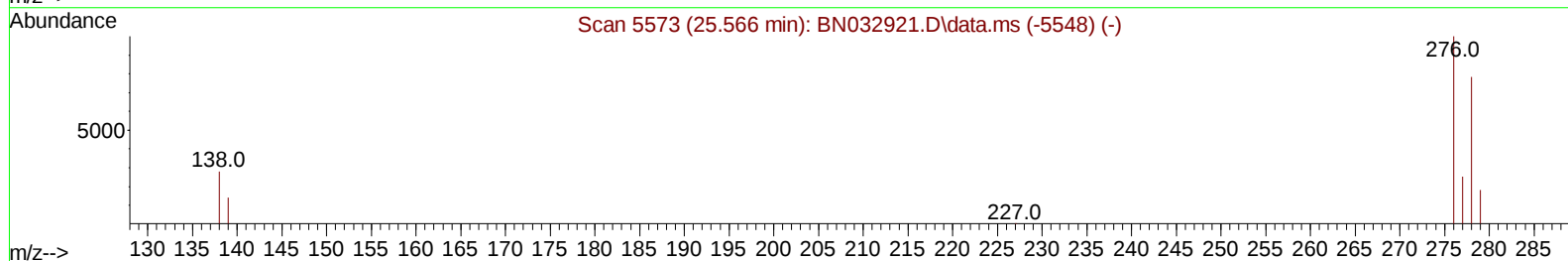
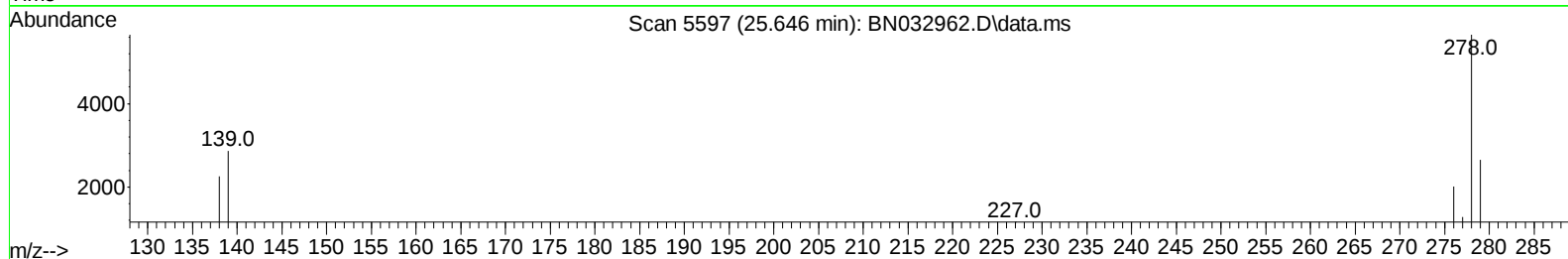
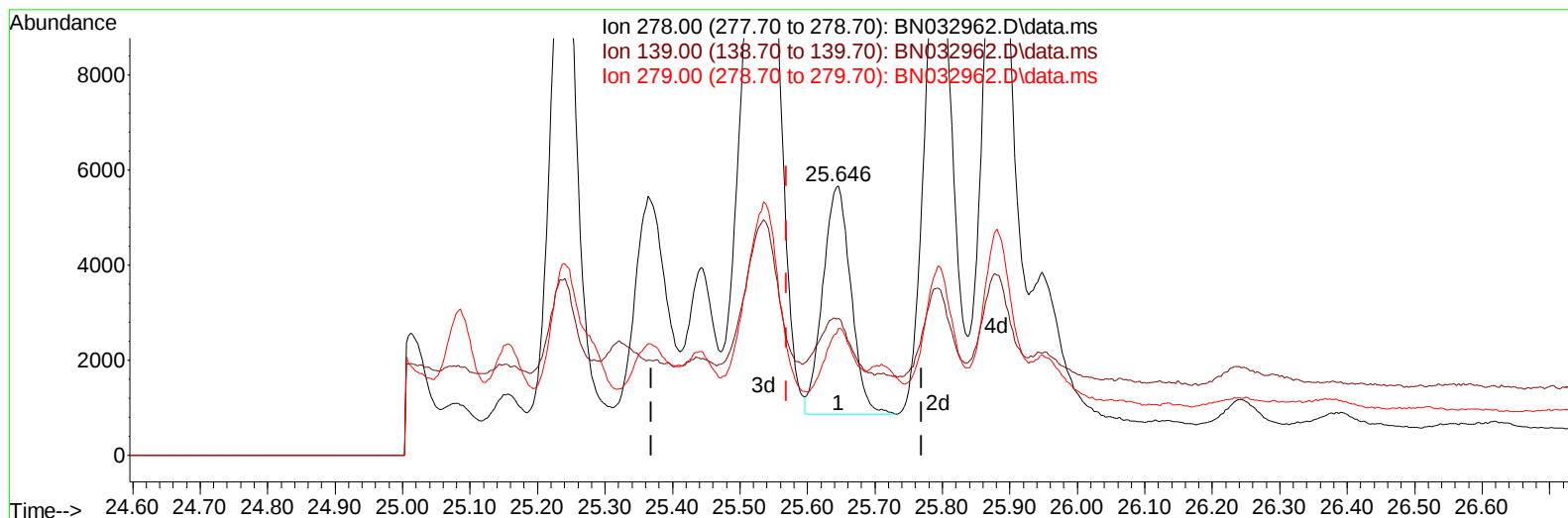
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(28) Dibenzo(a,h)anthracene

25.646min (+ 0.077) 0.33 ng/u1

response 13866

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	50.80#
279.00	29.60	47.05#
0.00	0.00	0.00

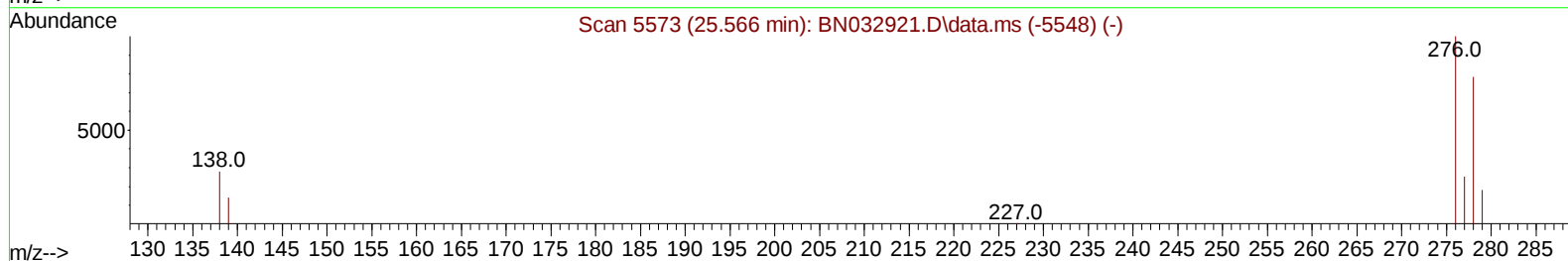
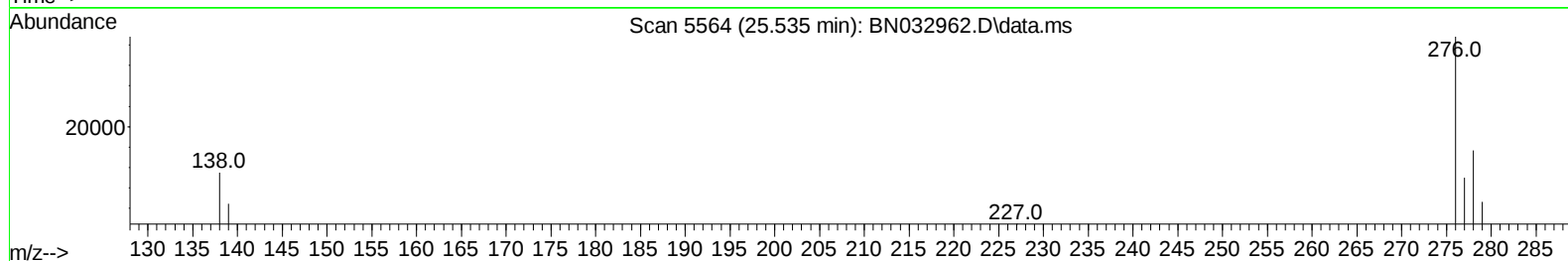
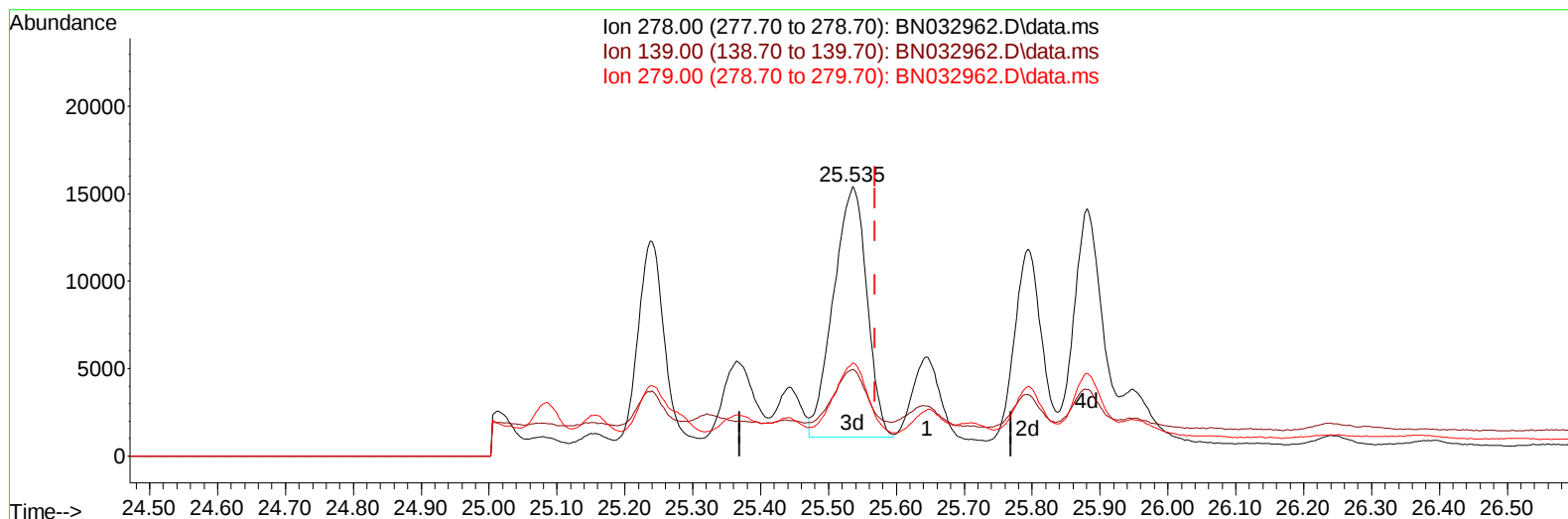
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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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Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

(28) Dibenzo(a,h)anthracene

25.535min (-0.034) 1.15 ng/ul m

response 49118

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	32.10#
279.00	29.60	34.52
0.00	0.00	0.00

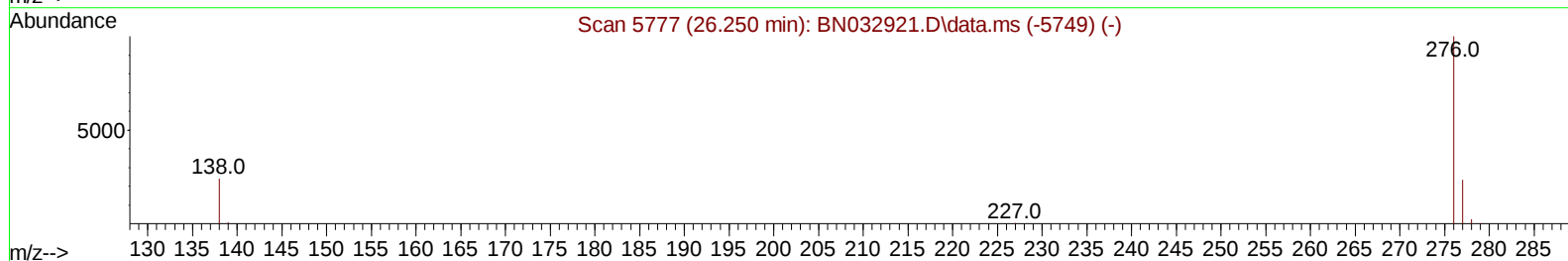
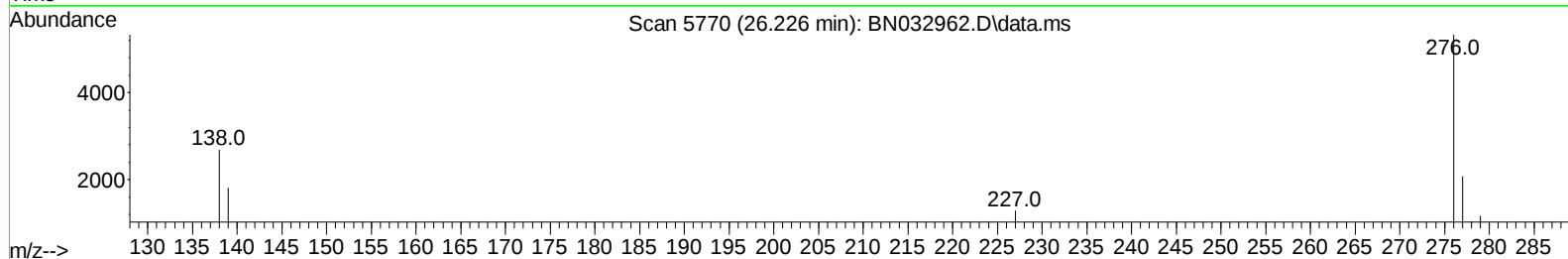
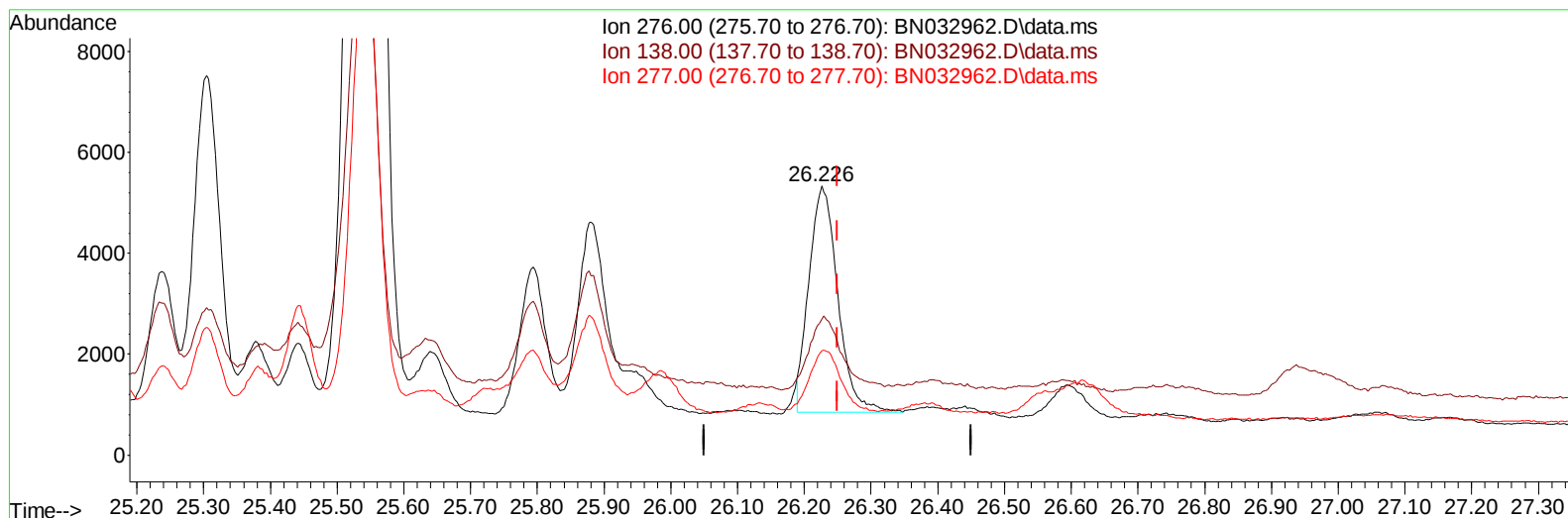
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

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

26.226min (-0.024) 0.29 ng/u1

response 13427

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	50.54#
277.00	25.80	38.82#
0.00	0.00	0.00

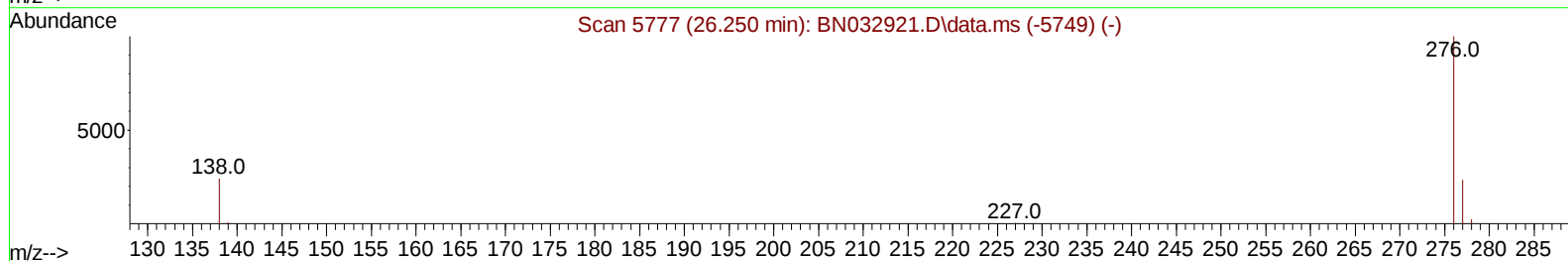
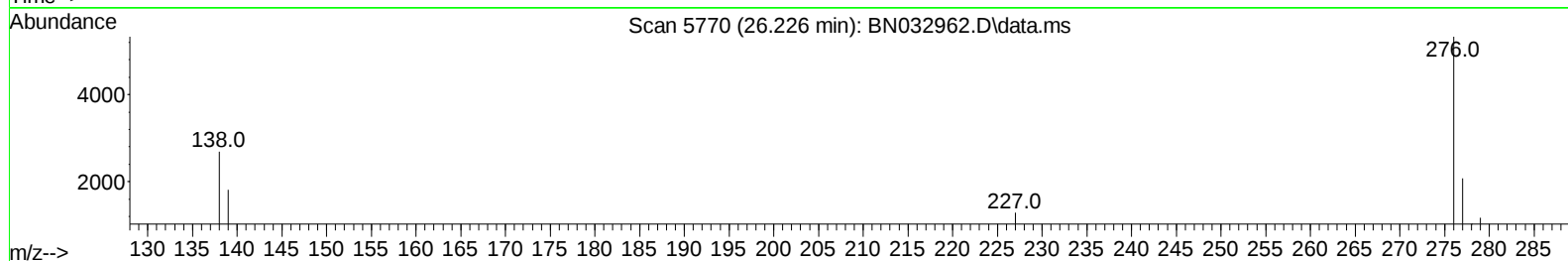
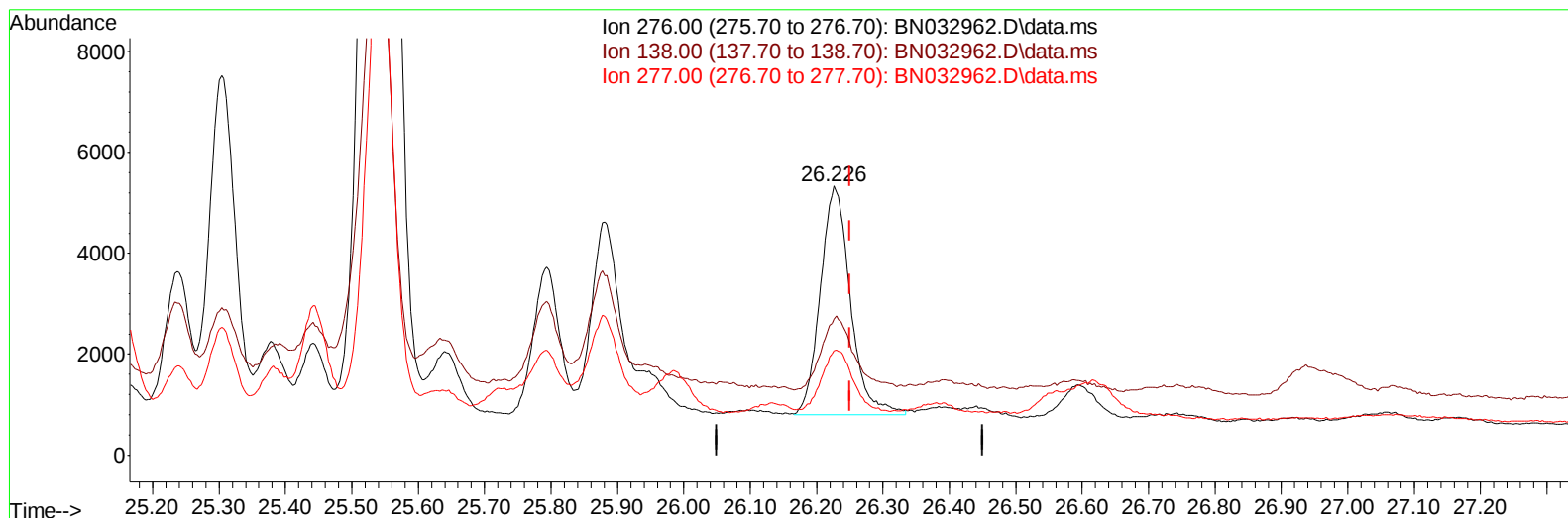
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 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 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032962.D\data.ms

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

26.226min (-0.024) 0.31 ng/ul m

response 14305

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	50.54#
277.00	25.80	38.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032962.D
 Acq On : 24 Jul 2024 23:49
 Operator : MA/JU
 Sample : P3215-15DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D43DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:50:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4492	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	13277	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	8043	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.931	188	13755m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.147	240	10230m	0.400	ng/ul	-0.02
23) Perylene-d12	23.339	264	13304m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3474	0.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	1020	0.051	ng/ul	-0.03
18) Fluoranthene-d10	18.971	212	1678m	0.050	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.338	128	9108	0.255	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	4427	0.199	ng/ul	95
8) 1-Methylnaphthalene	12.185	142	3089	0.134	ng/ul	100
10) Acenaphthylene	13.887	152	28262	0.870	ng/ul	99
11) Acenaphthene	14.230	153	6394	0.238	ng/ul	99
12) Fluorene	15.229	166	7833	0.255	ng/ul	99
14) Pentachlorophenol	16.615	266	163m	0.068	ng/ul	
15) Phenanthrene	16.969	178	157228m	4.197	ng/ul	
16) Anthracene	17.067	178	40964m	1.338	ng/ul	
19) Fluoranthene	19.003	202	377207m	9.069	ng/ul	
20) Pyrene	19.371	202	216931m	5.039	ng/ul	
21) Benzo(a)anthracene	21.130	228	165744m	5.090	ng/ul	
22) Chrysene	21.185	228	209786m	4.453	ng/ul	
24) Benzo(b)fluoranthene	22.684	252	328511m	6.998	ng/ul	
25) Benzo(k)fluoranthene	22.719	252	111855m	1.955	ng/ul	
26) Benzo(a)pyrene	23.245	252	74969m	1.845	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.542	276	106278m	1.932	ng/ul	
28) Dibenzo(a,h)anthracene	25.535	278	49118m	1.152	ng/ul	
29) Benzo(g,h,i)perylene	26.226	276	14305m	0.311	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032962.D
Acq On : 24 Jul 2024 23:49
Operator : MA/JU
Sample : P3215-15DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D43DL

Manual IntegrationsAPPROVED

Quant Time: Jul 25 00:50:10 2024
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