

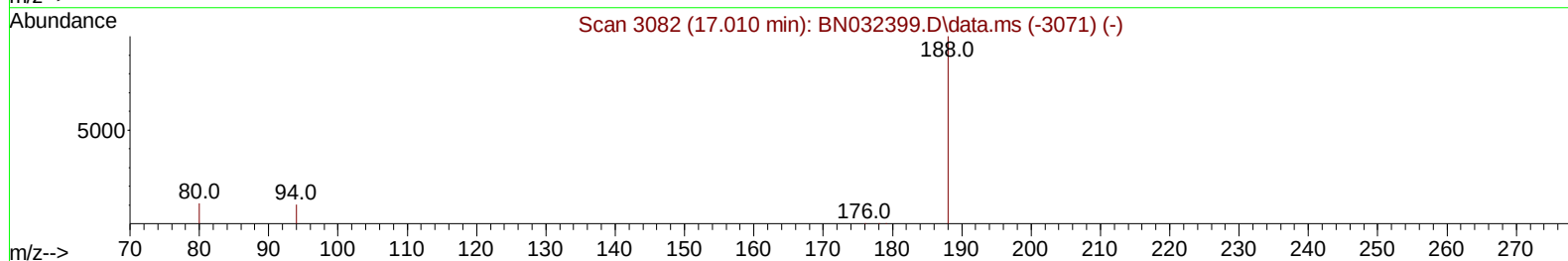
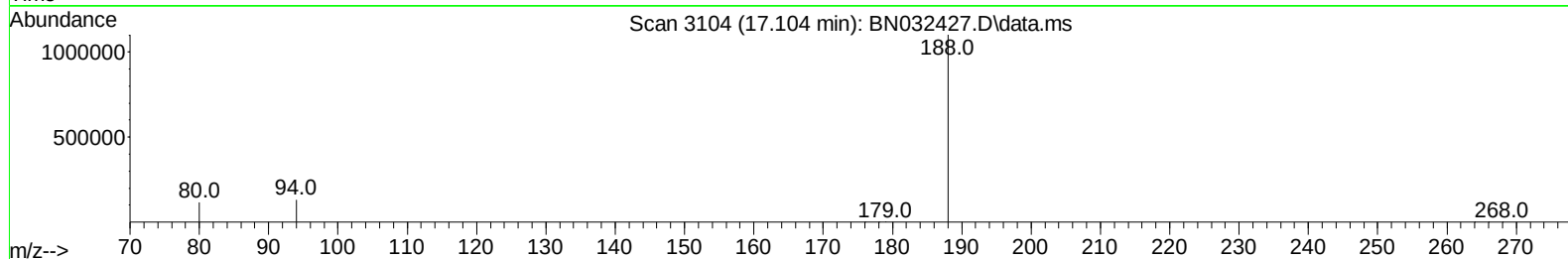
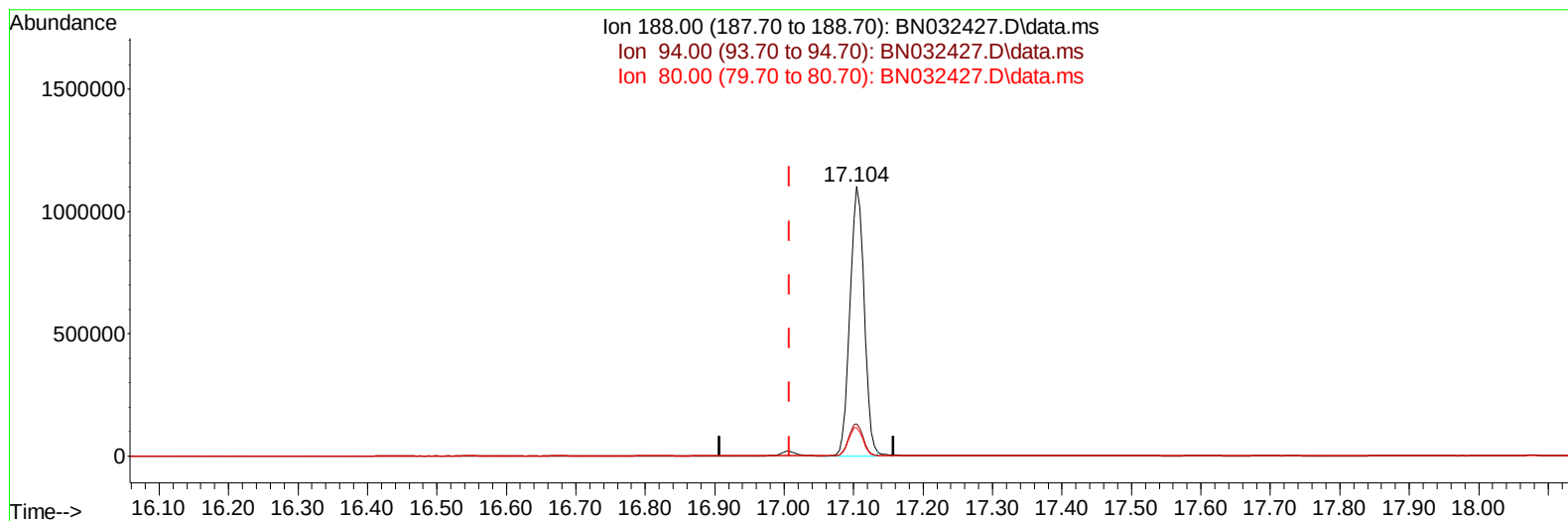
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(13) Phenanthrene-d10 (I)

17.104min (+ 0.097) 0.40 ng/ul

response 1557714

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.99
80.00	10.50	10.61
0.00	0.00	0.00

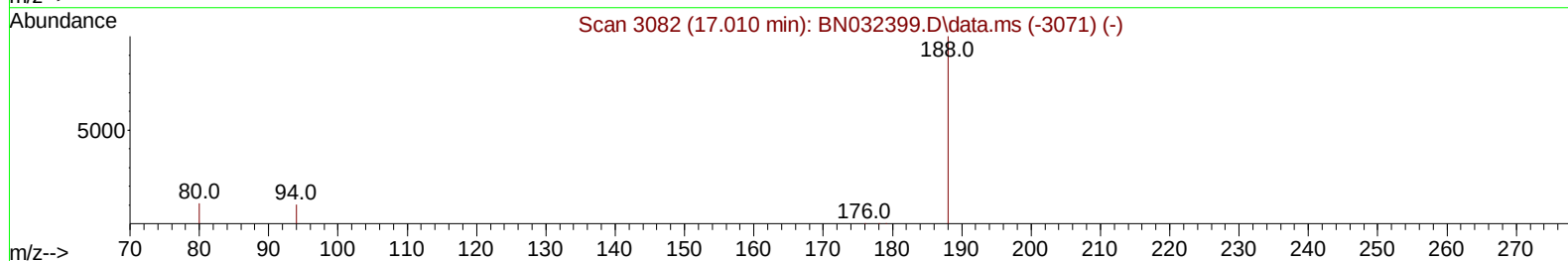
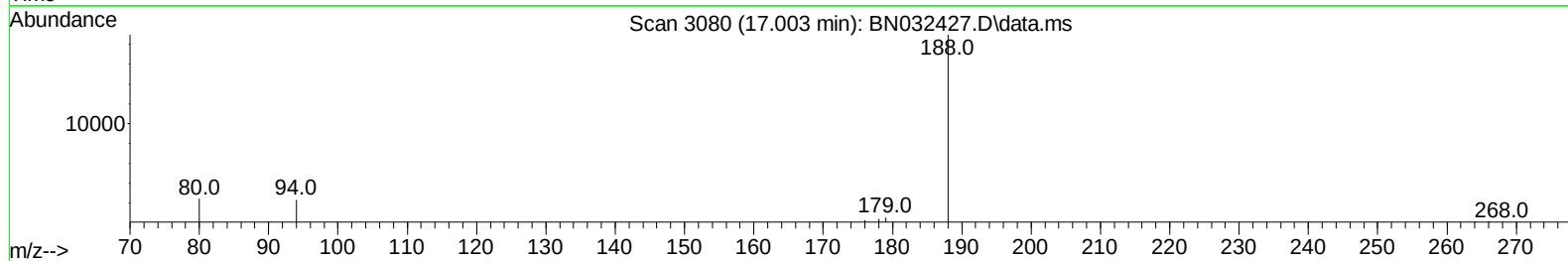
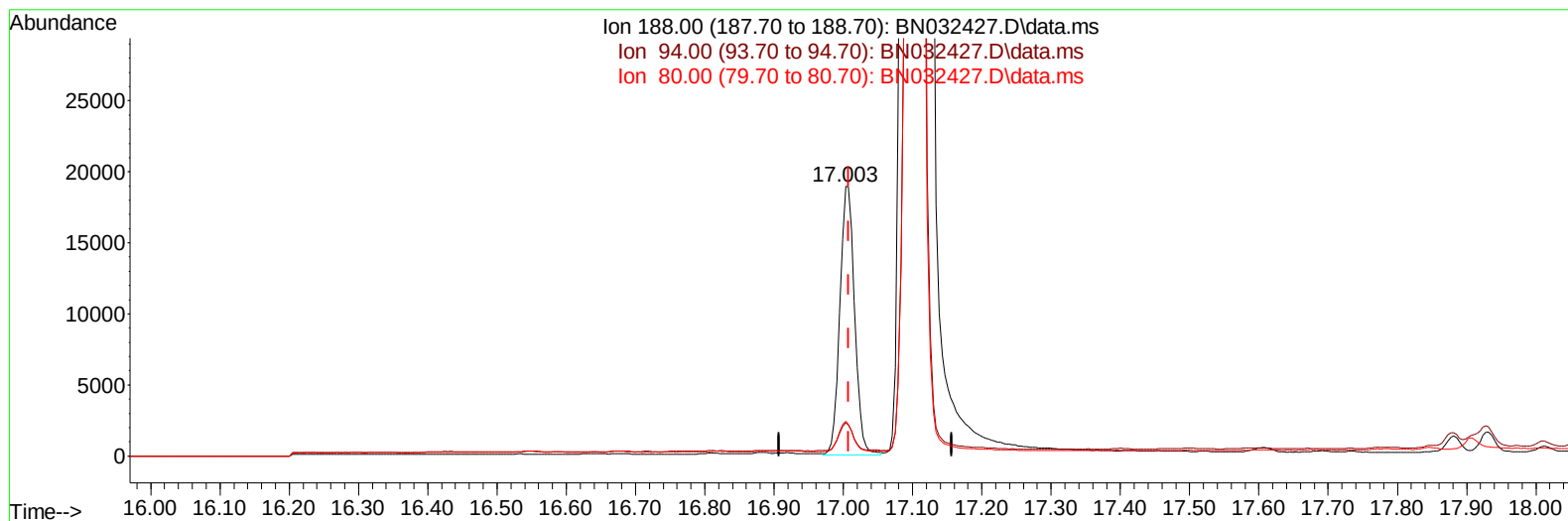
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(13) Phenanthrene-d10 (I)

17.003min (-0.004) 0.40 ng/ul m

response 27916

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.28#
80.00	10.50	12.85#
0.00	0.00	0.00

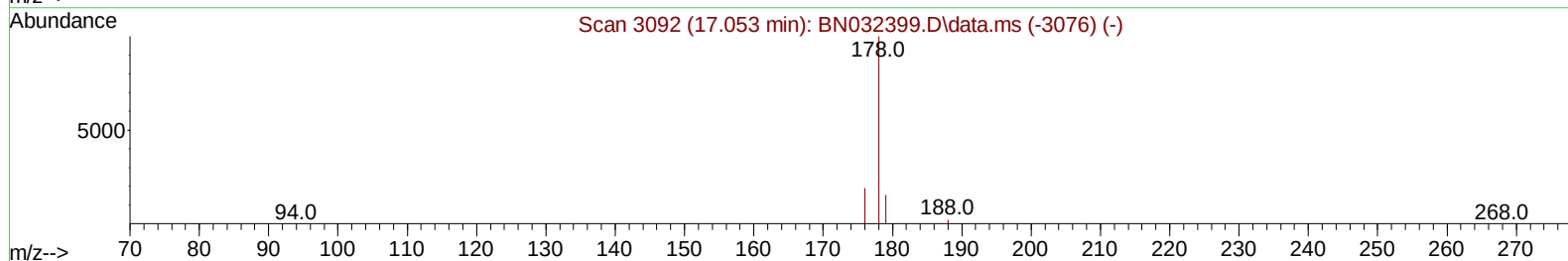
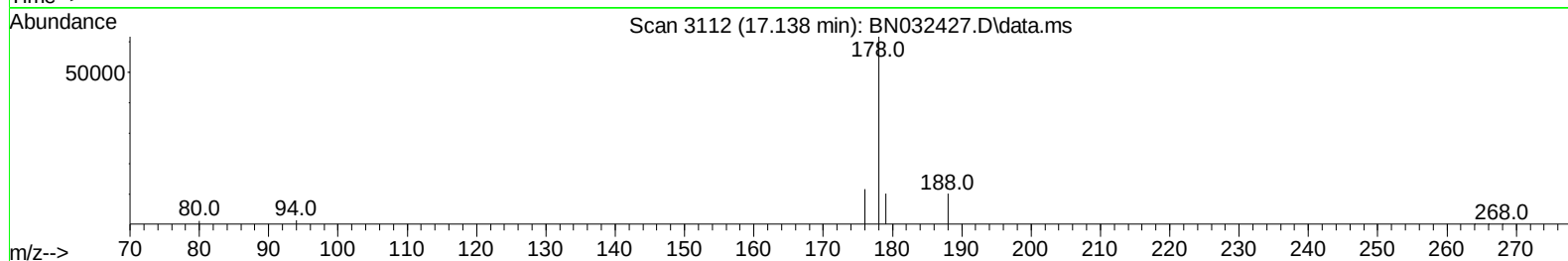
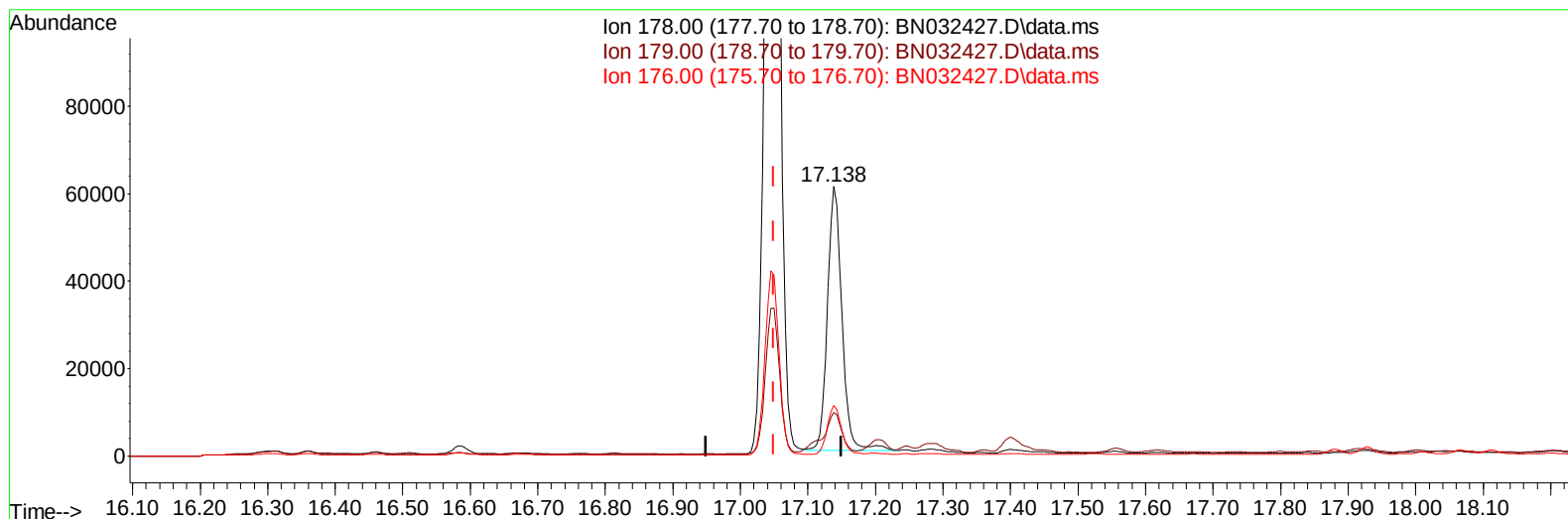
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(15) Phenanthrene

17.138min (+ 0.089) 1.19 ng/u1

response 90888

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.29
176.00	19.50	18.84
0.00	0.00	0.00

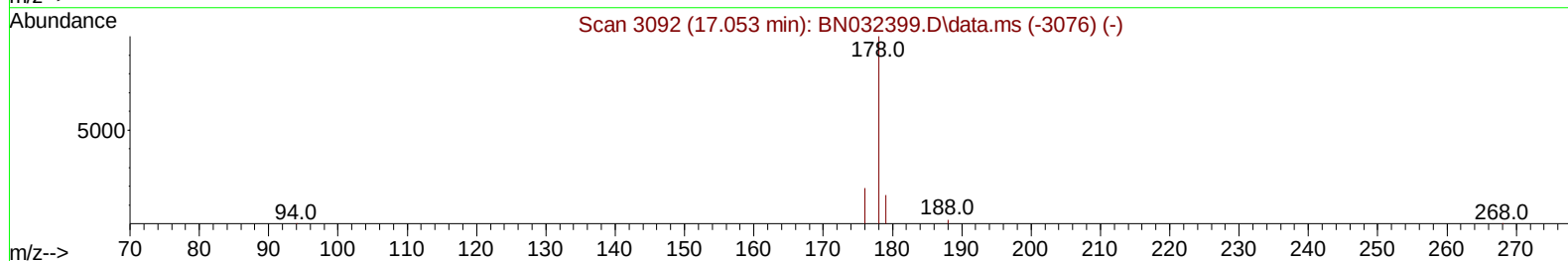
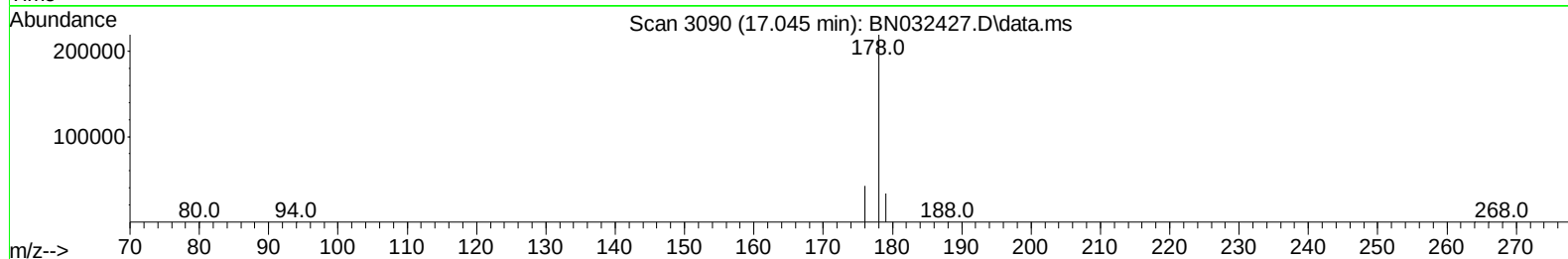
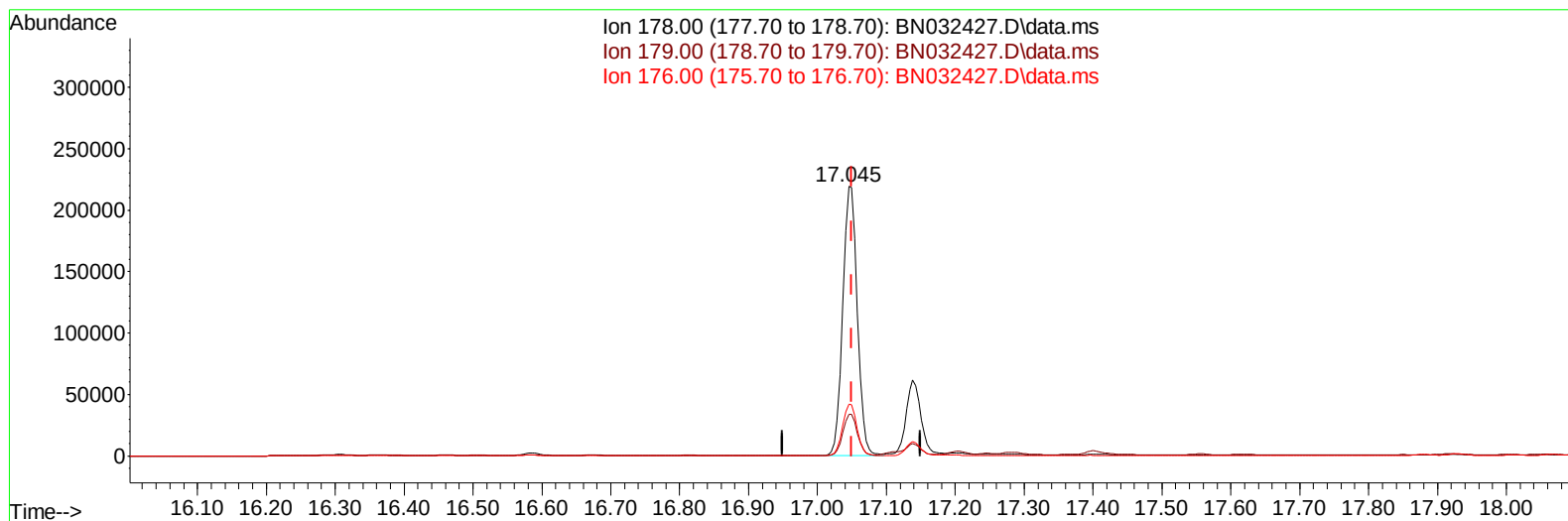
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(15) Phenanthrene

17.045min (-0.004) 4.18 ng/ul m

response 319634

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.45
176.00	19.50	19.33
0.00	0.00	0.00

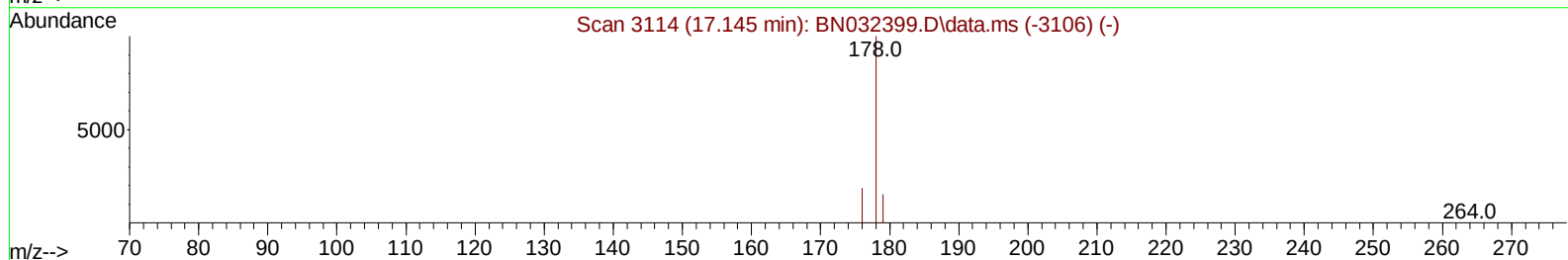
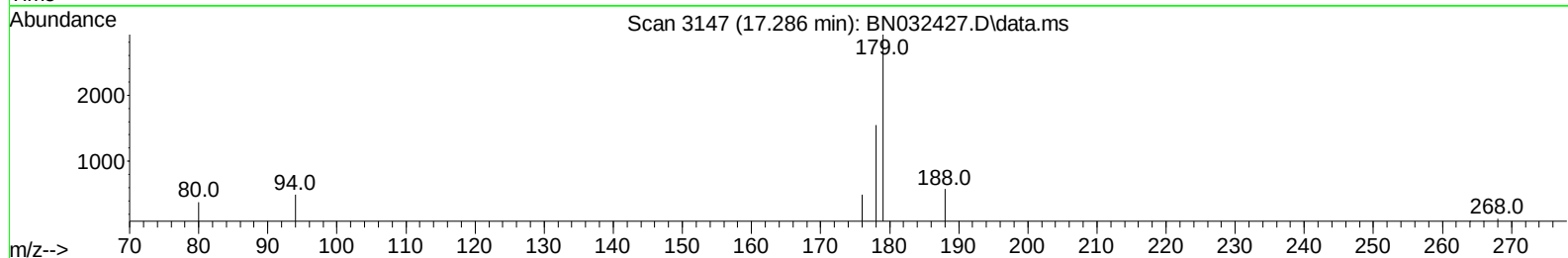
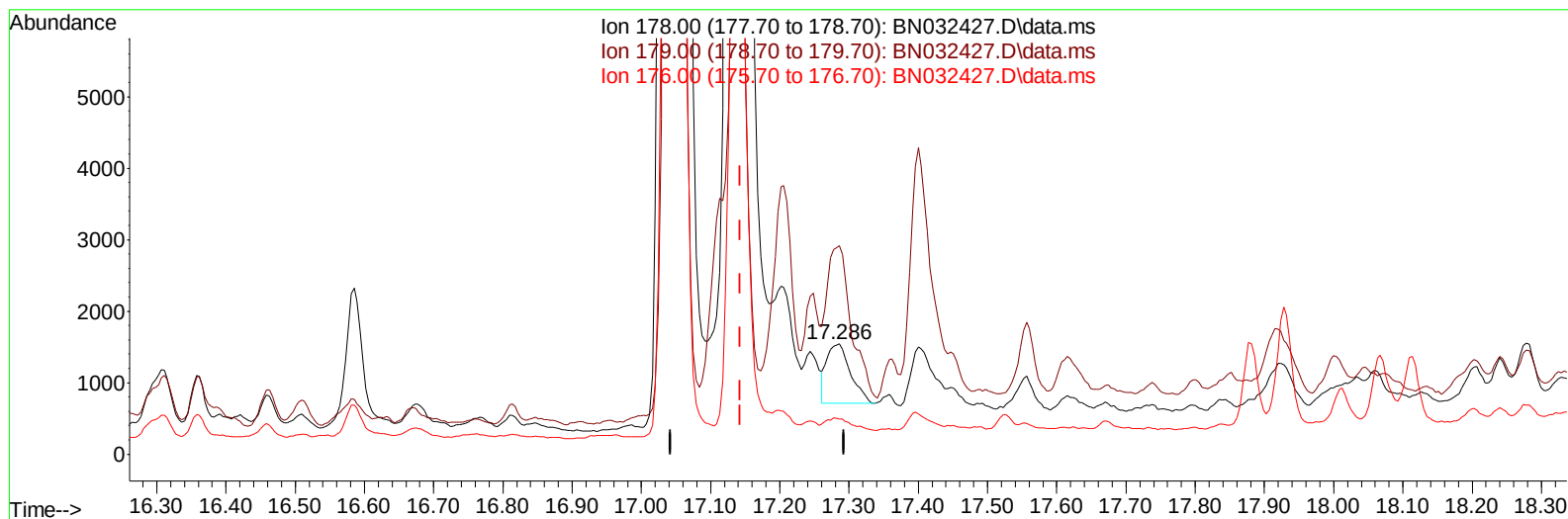
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(16) Anthracene

17.286min (+ 0.143) 0.03 ng/u1

response 1943

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	188.44#
176.00	18.80	32.04#
0.00	0.00	0.00

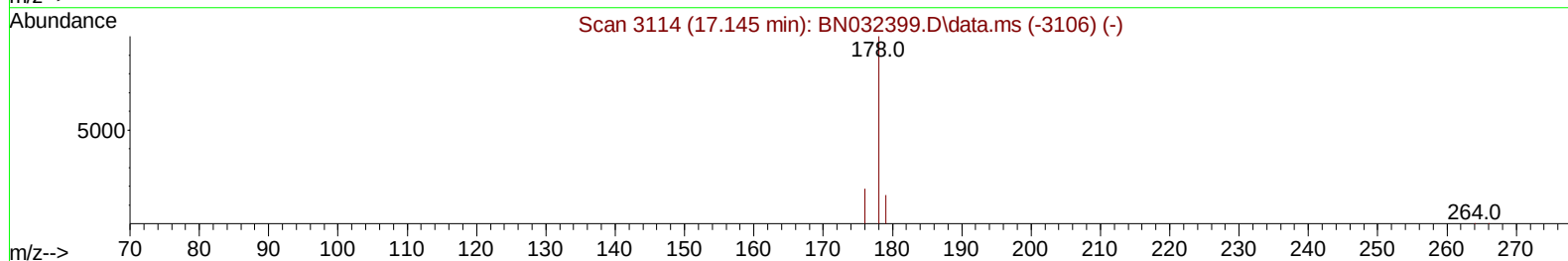
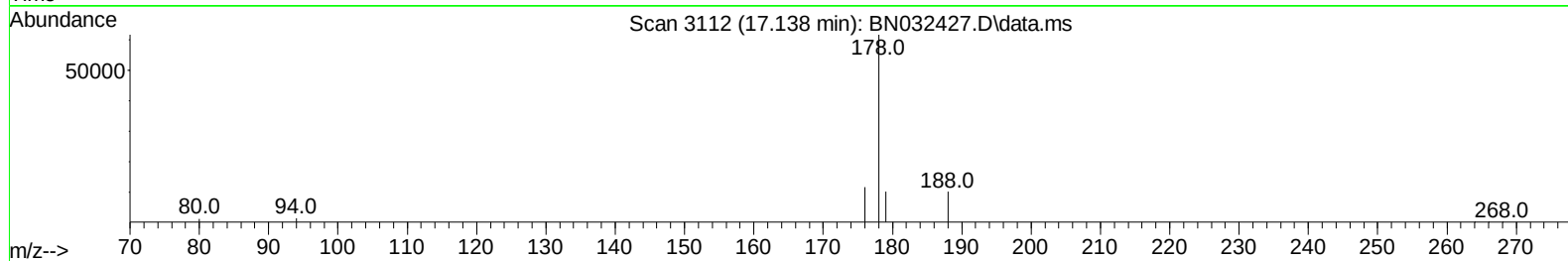
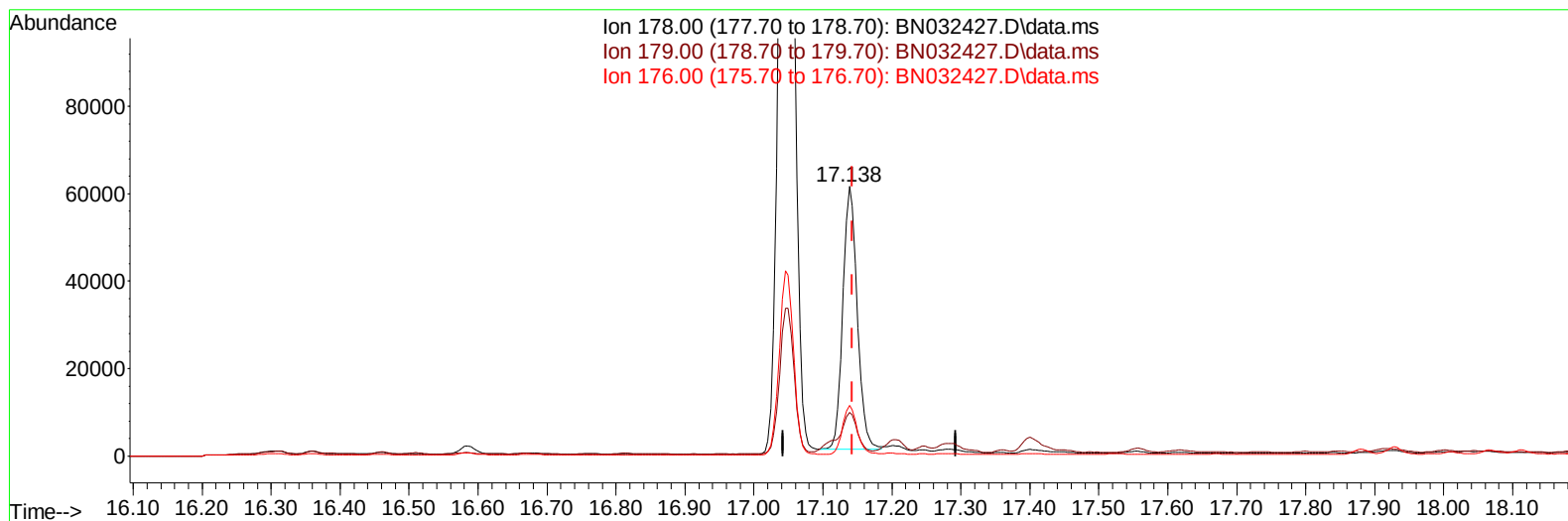
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(16) Anthracene

17.138min (-0.004) 1.27 ng/ul m

response 86899

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.29
176.00	18.80	18.84
0.00	0.00	0.00

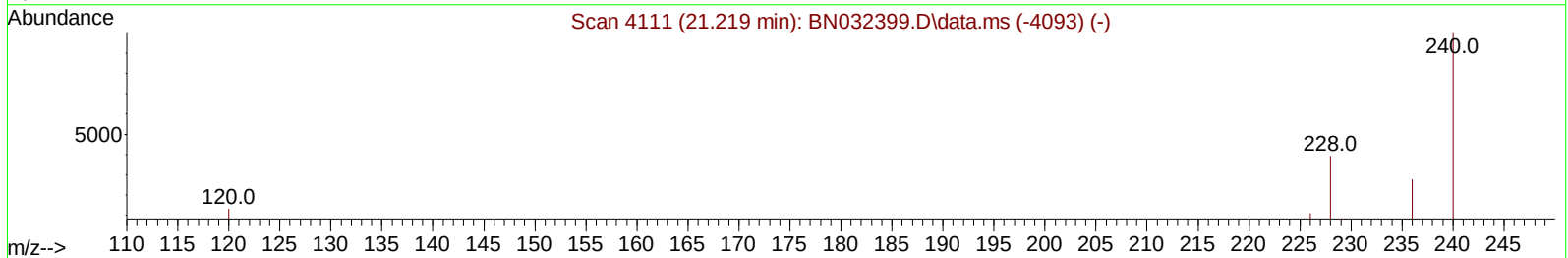
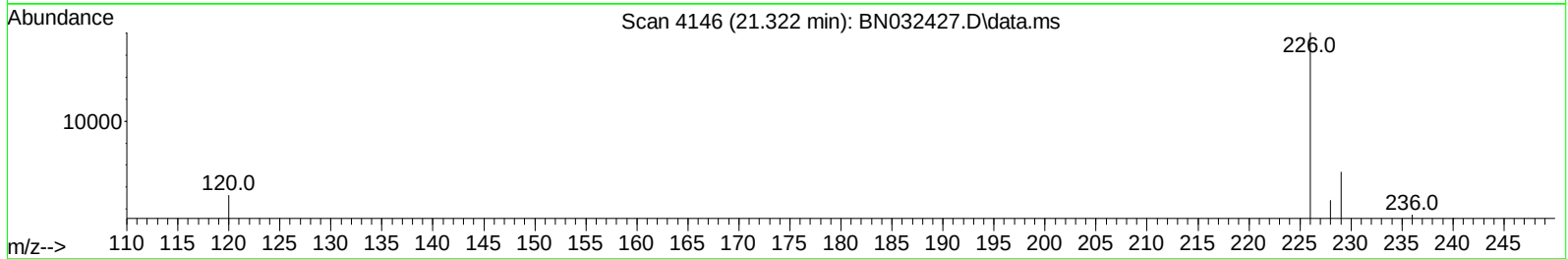
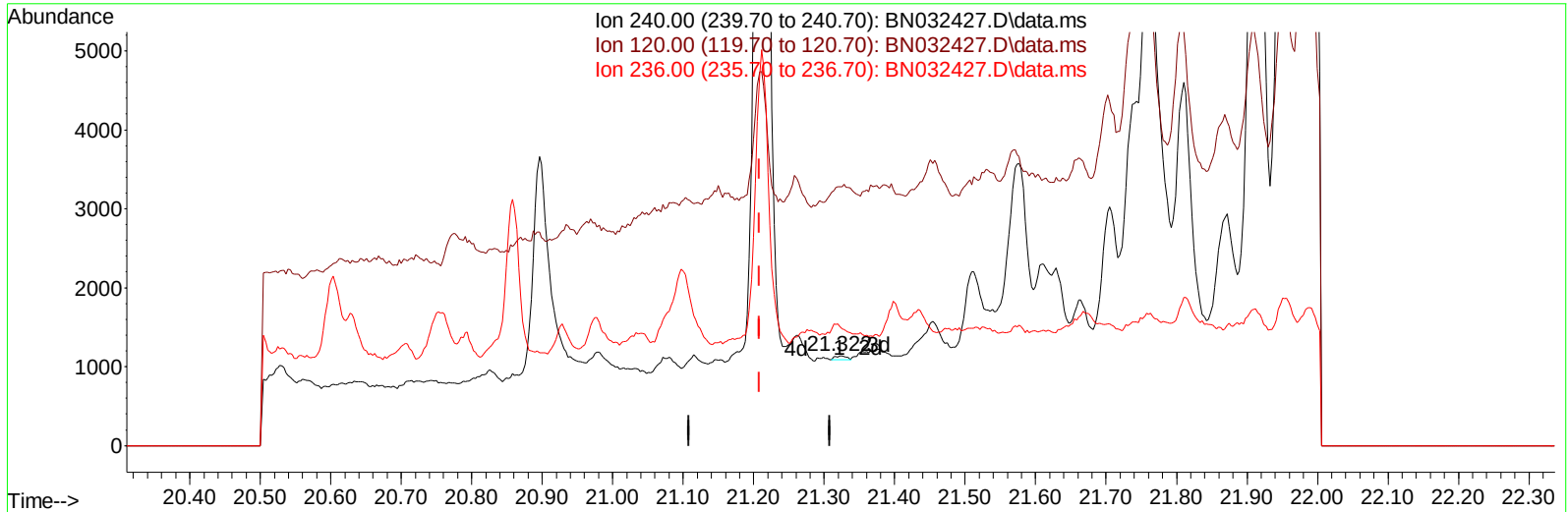
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(17) Chrysene-d12

21.322min (+ 0.114) 0.40 ng/u1

response 52

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	288.13#
236.00	28.40	132.89#
0.00	0.00	0.00

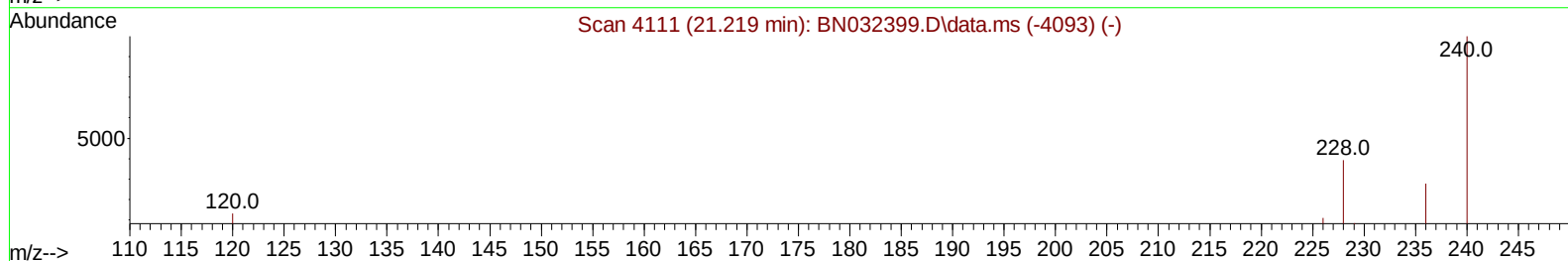
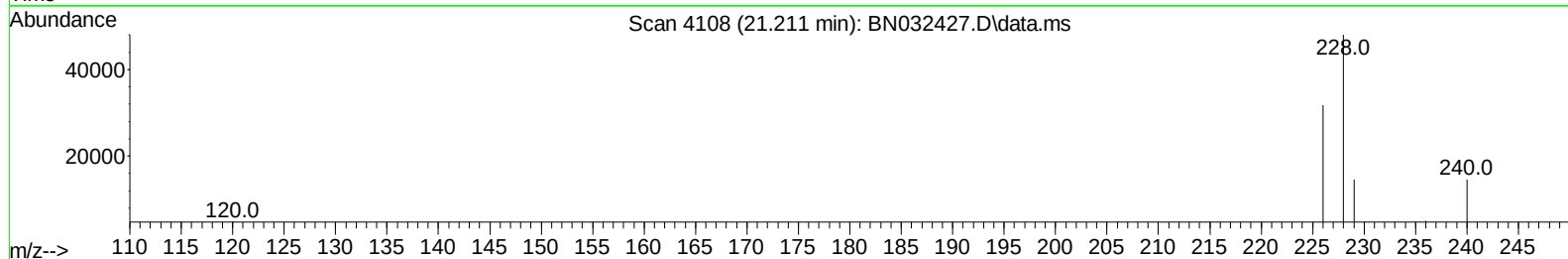
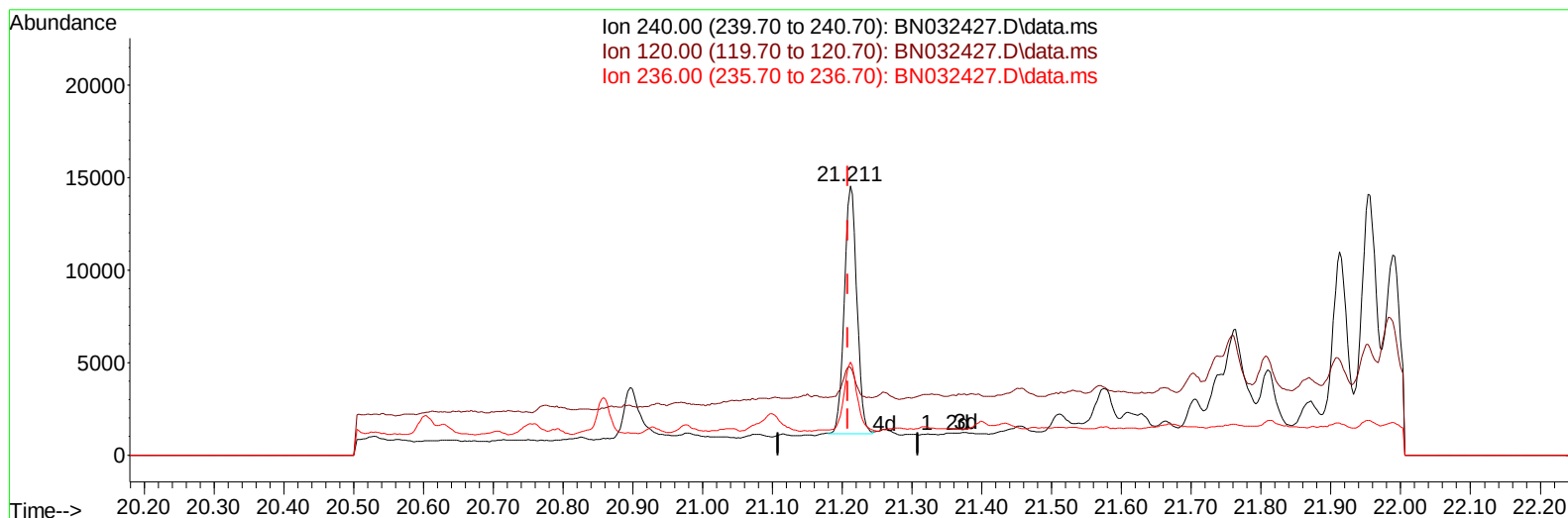
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(17) Chrysene-d12

21.211min (+ 0.003) 0.40 ng/ul m

response 16681

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	32.60#
236.00	28.40	34.50#
0.00	0.00	0.00

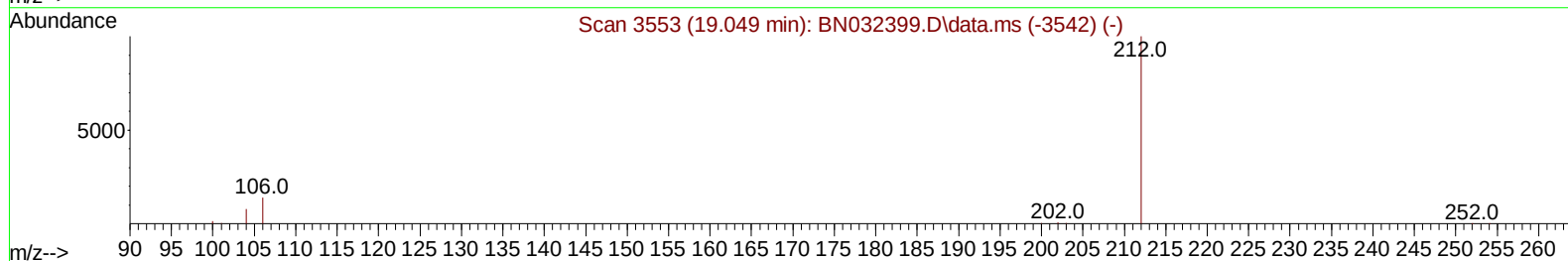
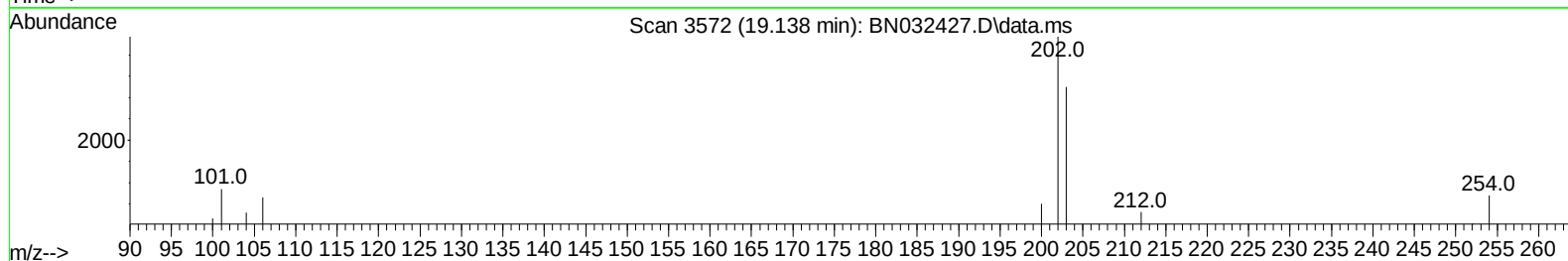
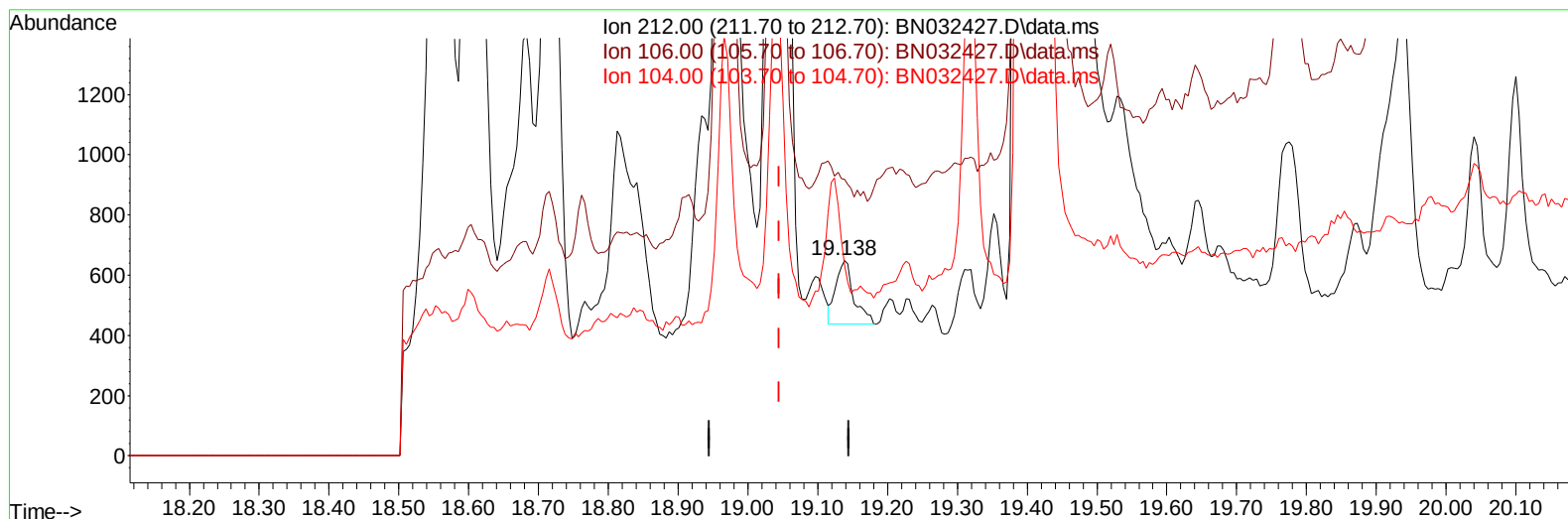
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032427.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.138min (+ 0.093) 0.01 ng/u1

response 381

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

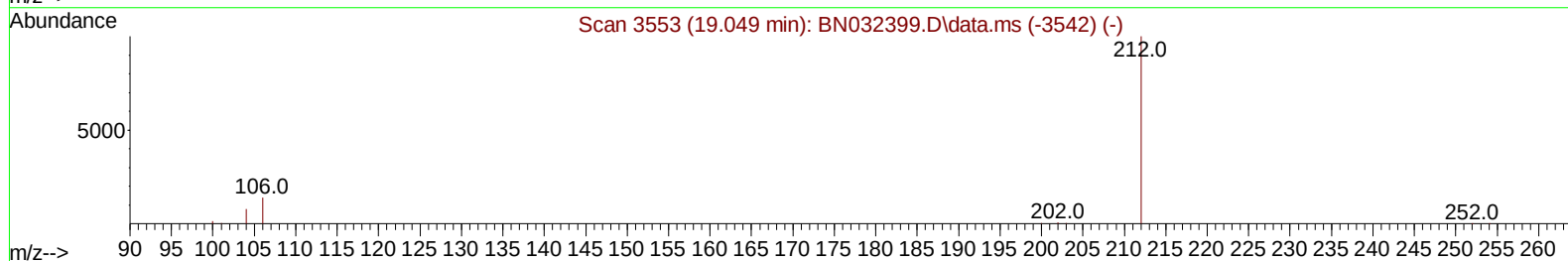
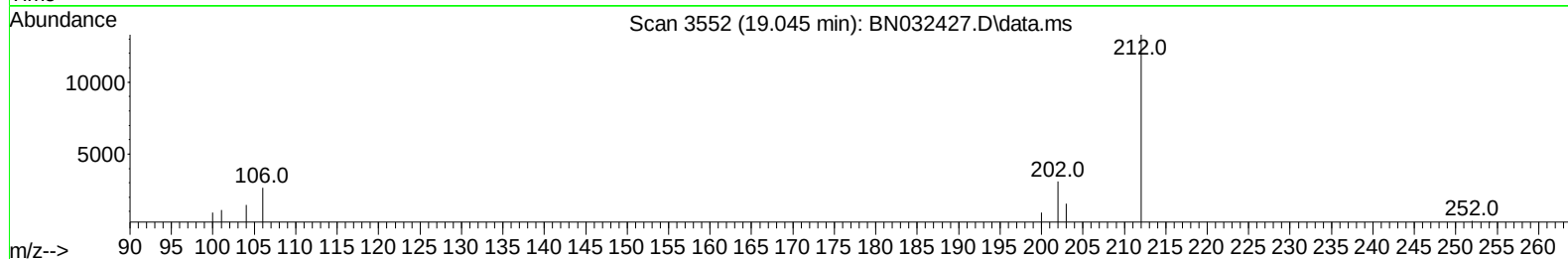
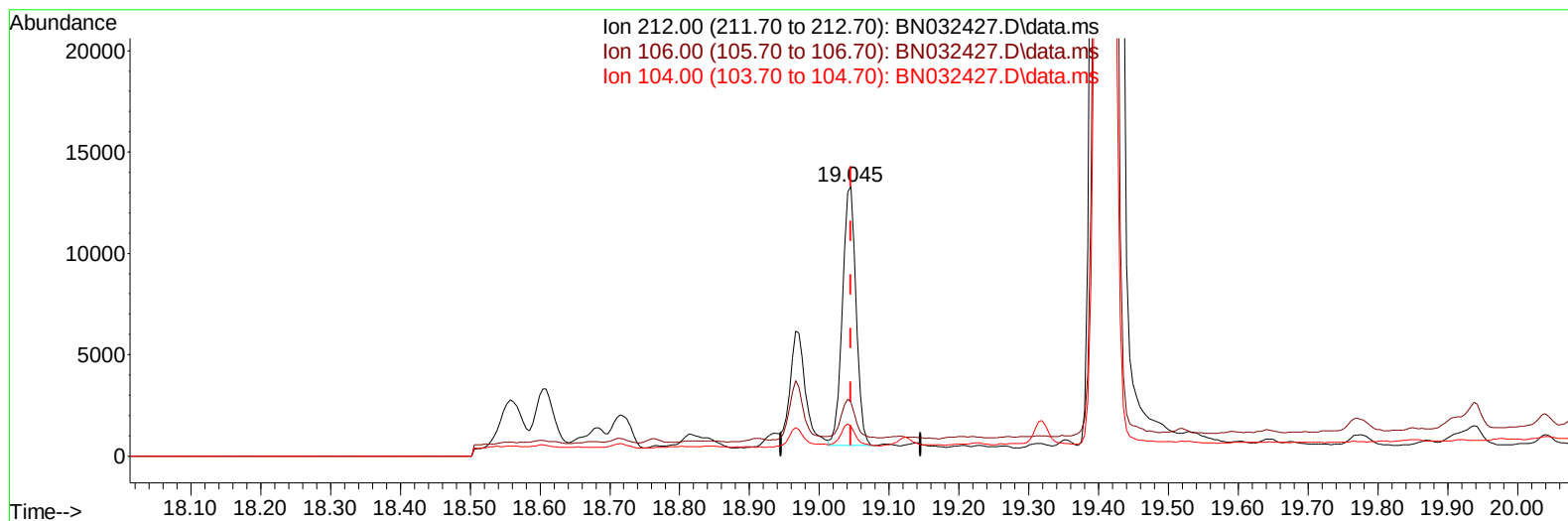
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

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TIC: BN032427.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.045min (-0.000) 0.35 ng/ul m

response 17607

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	0.00#
104.00	8.40	0.00#
0.00	0.00	0.00

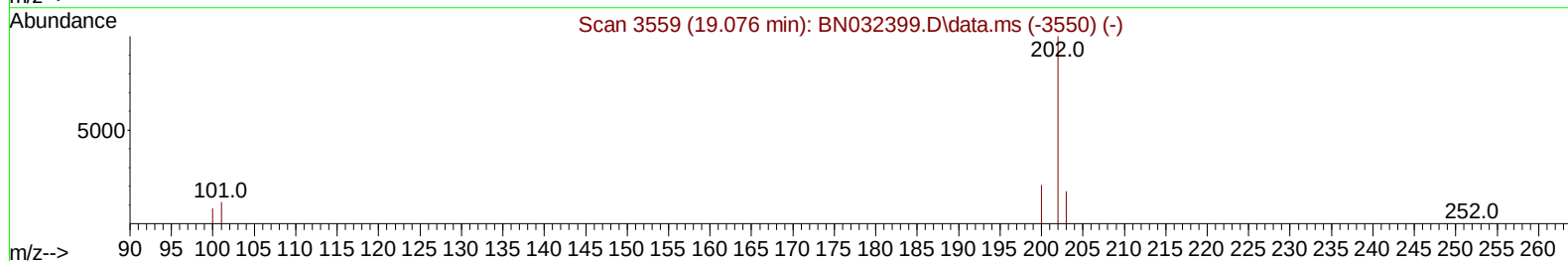
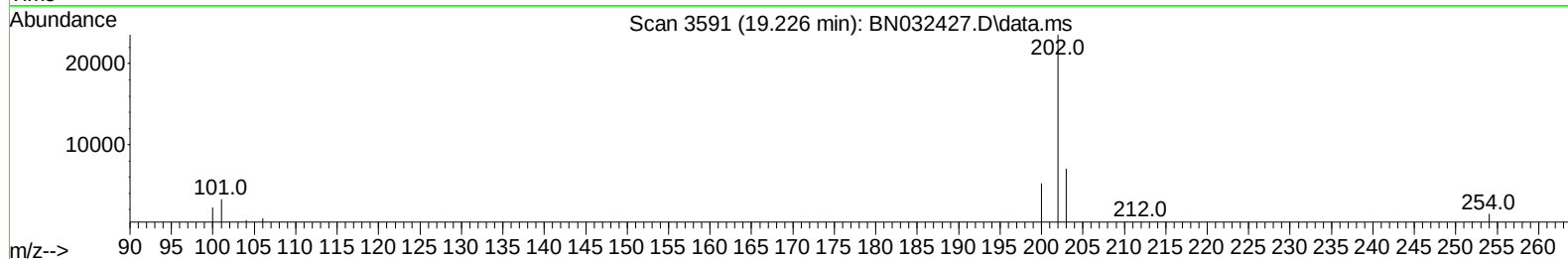
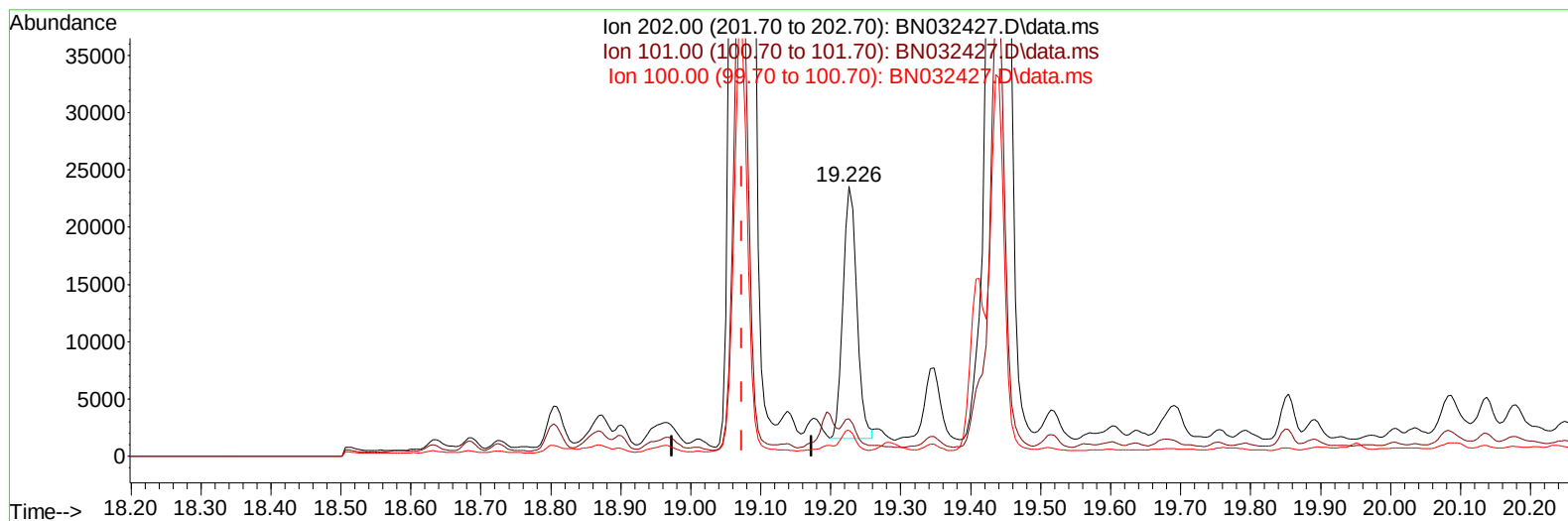
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
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QLast Update : Wed Jul 03 03:26:42 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(19) Fluoranthene (C)

19.226min (+ 0.153) 0.47 ng/u1

response 29842

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	13.81#
100.00	8.00	9.53
0.00	0.00	0.00

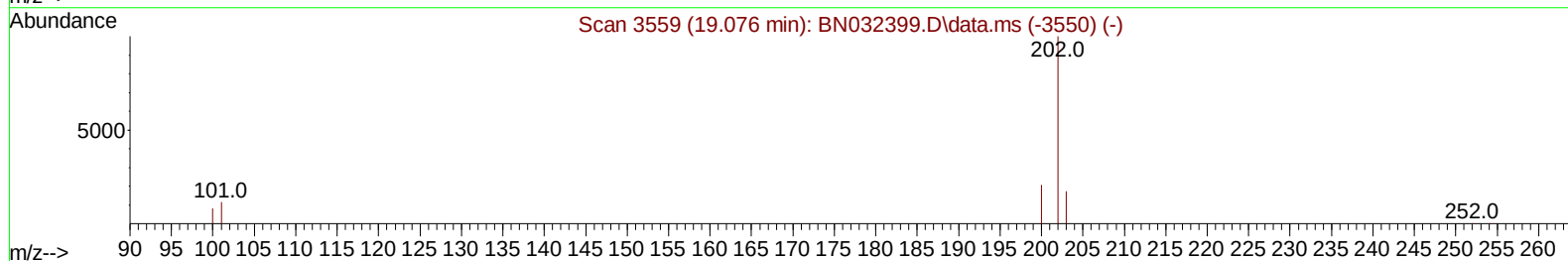
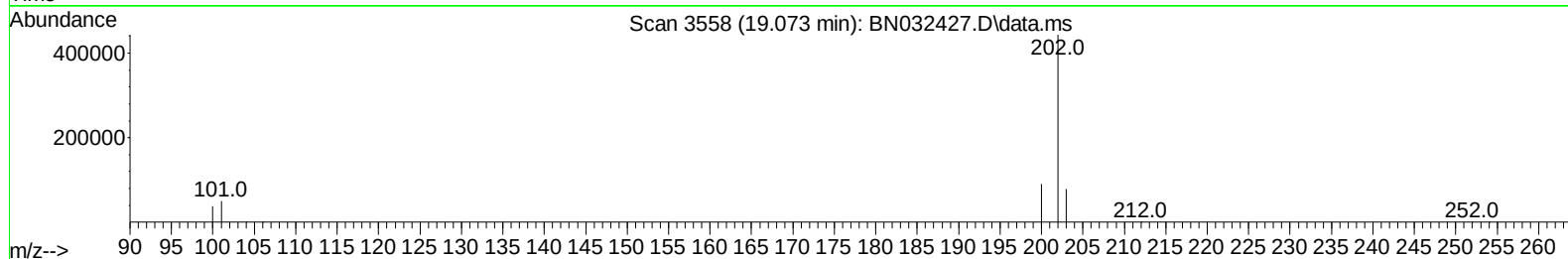
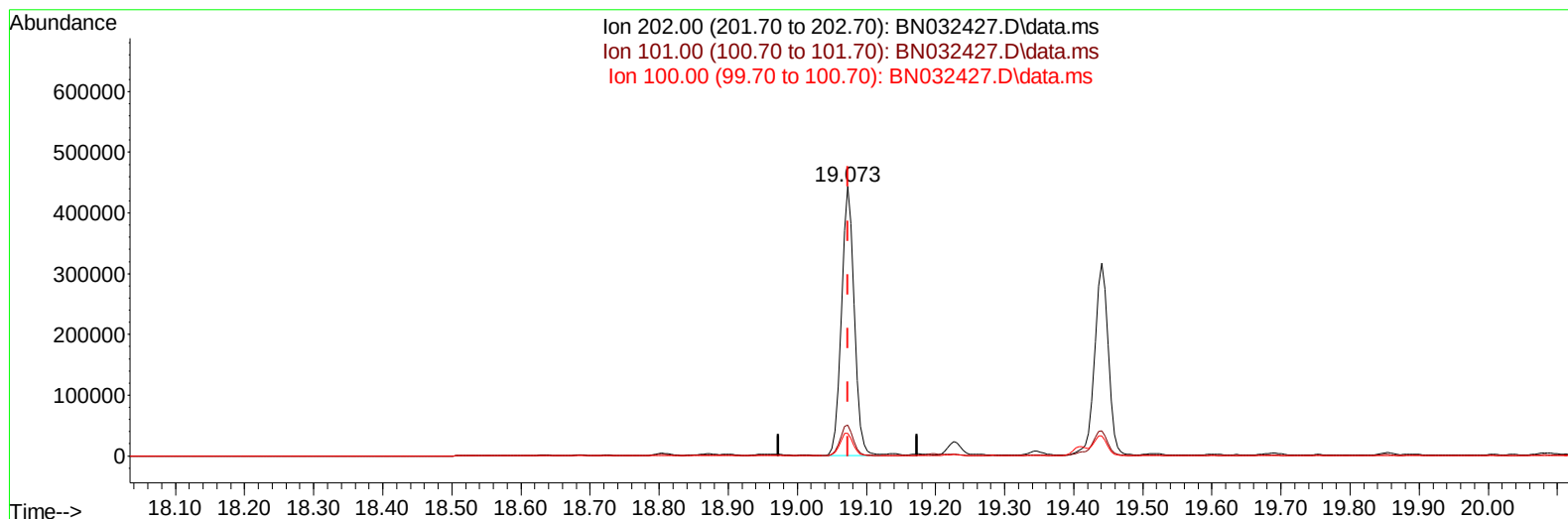
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.000) 9.01 ng/ul m

response 572076

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.41
100.00	8.00	8.41
0.00	0.00	0.00

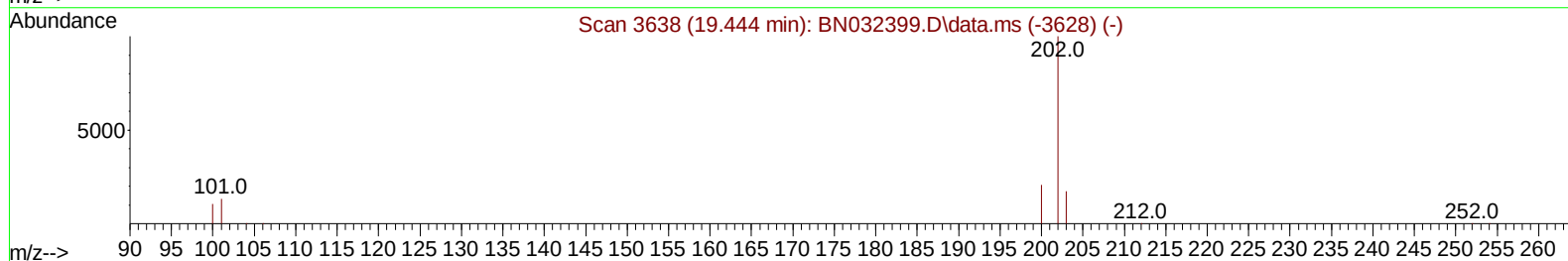
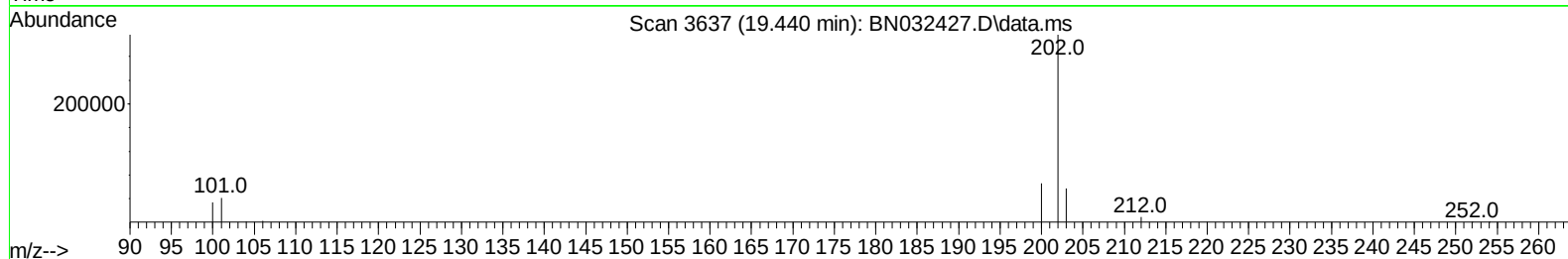
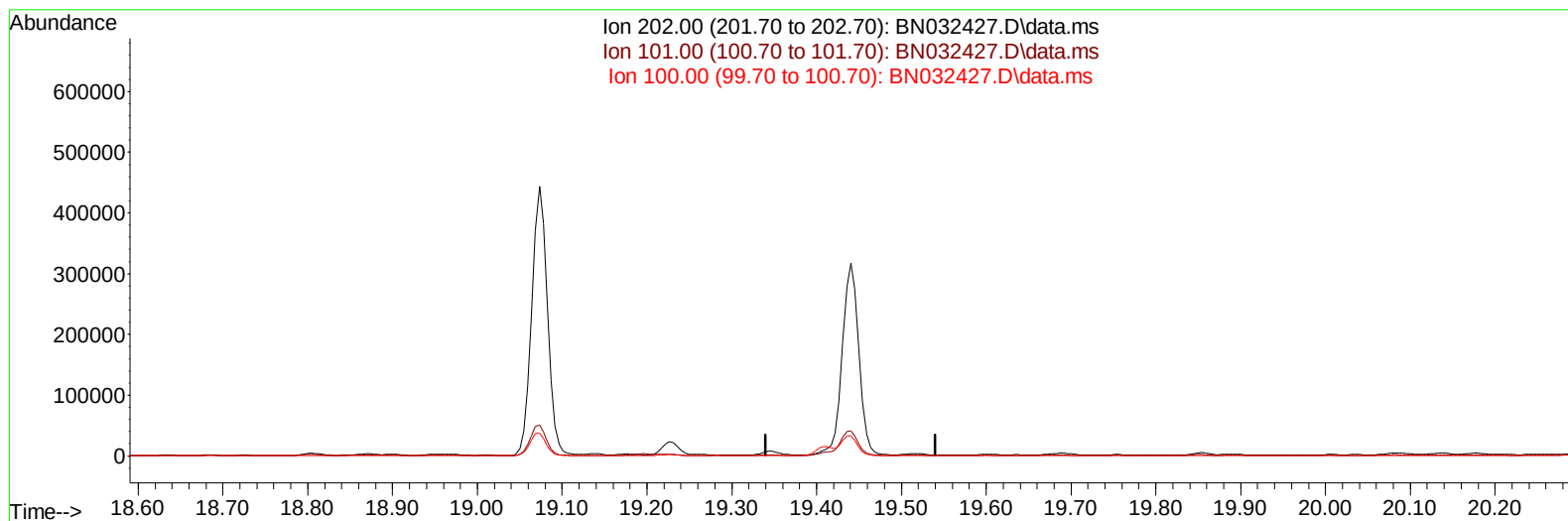
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/ul

response 0

Ion	Exp%	Act%
202.00	100.00	0.00
101.00	13.70	0.00#
100.00	10.90	0.00#
0.00	0.00	0.00

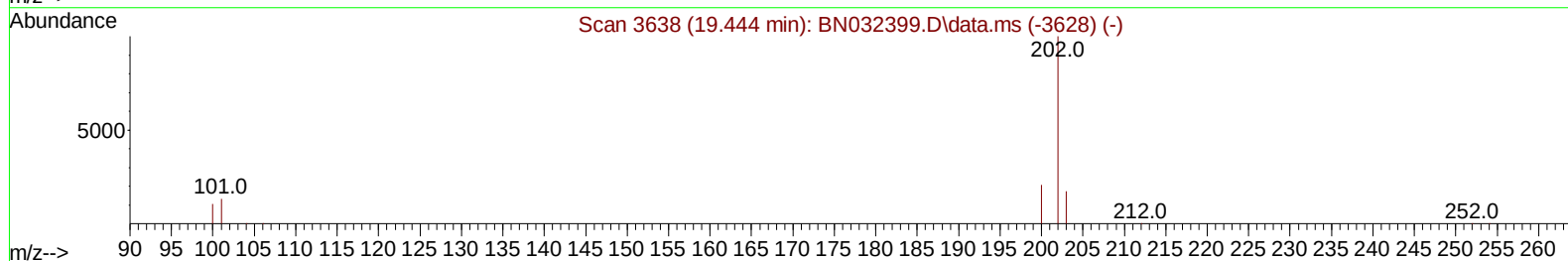
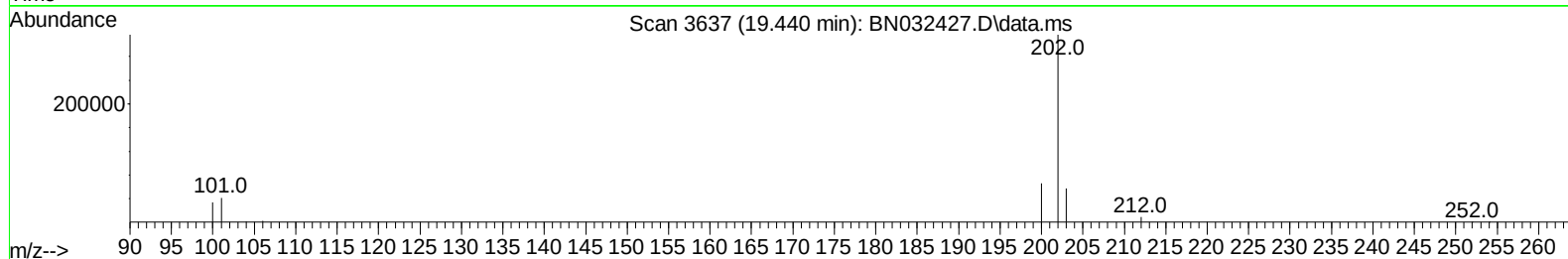
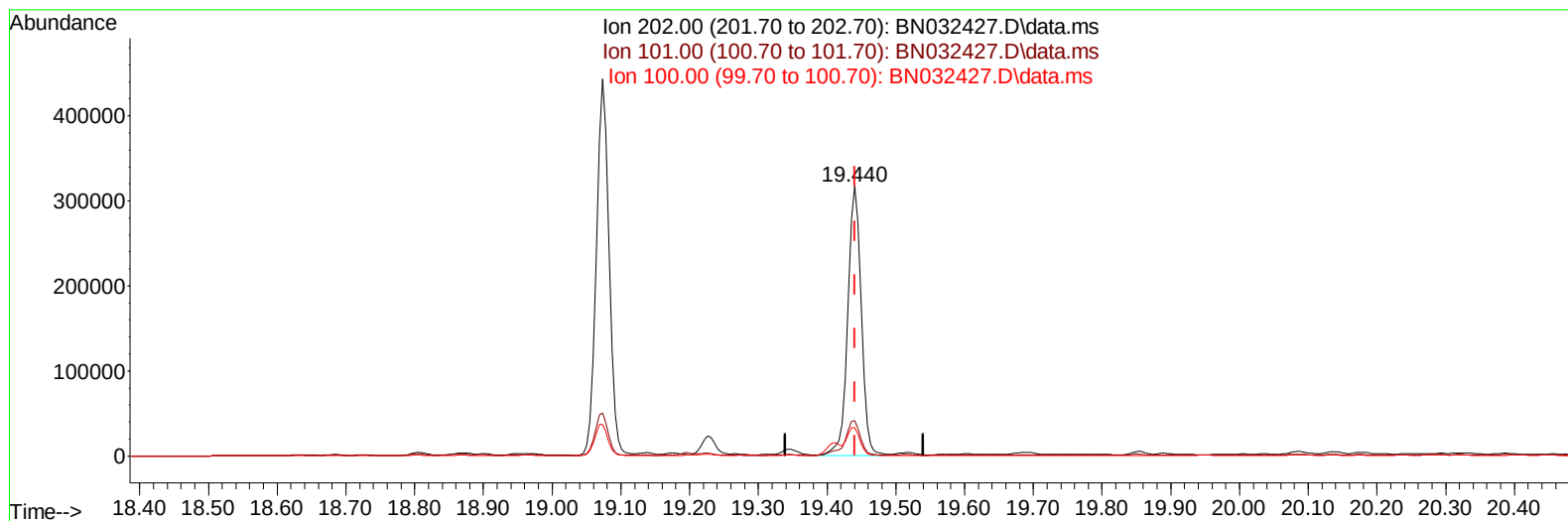
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(20) Pyrene

19.440min (-0.000) 6.58 ng/ul m

response 436504

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.03
100.00	10.90	10.44
0.00	0.00	0.00

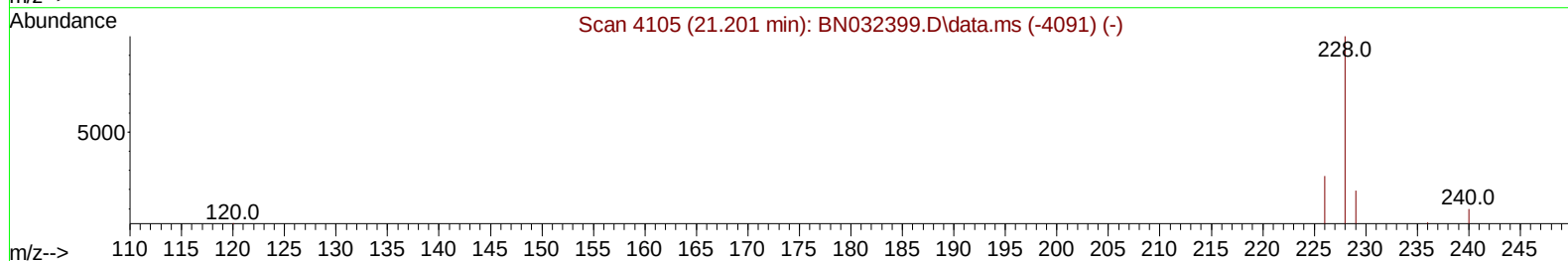
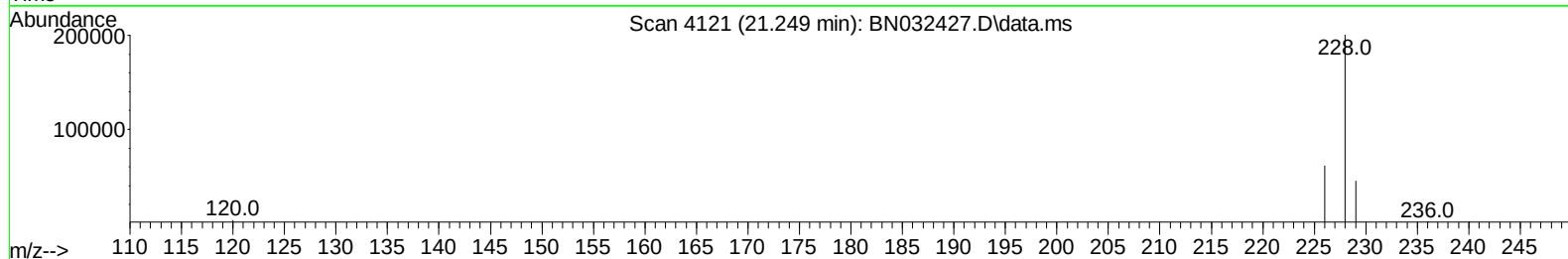
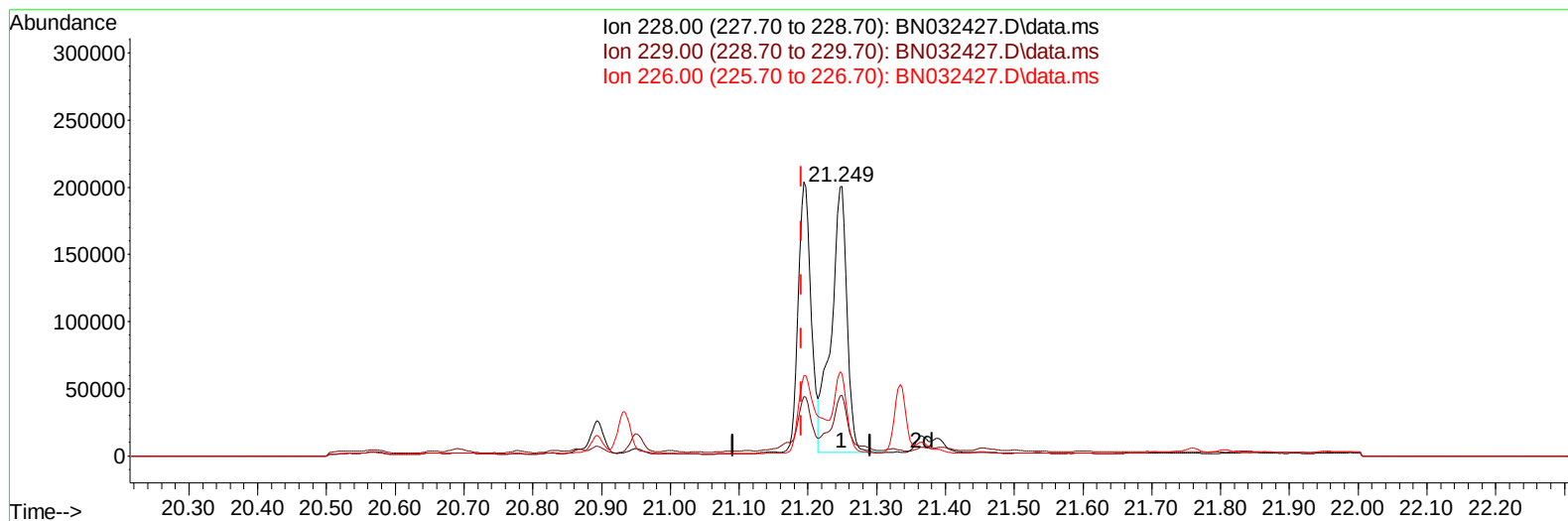
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(21) Benzo(a)anthracene

21.249min (+ 0.058) 5.28 ng/u1

response 317818

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.49
226.00	27.30	30.55
0.00	0.00	0.00

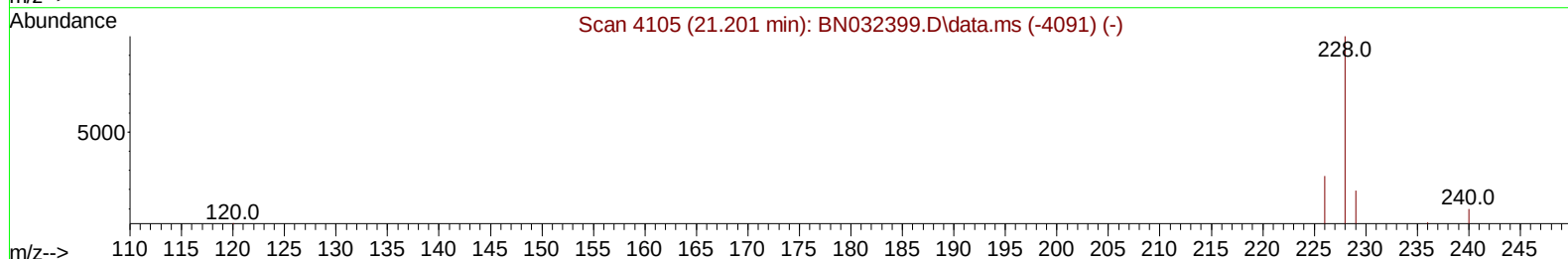
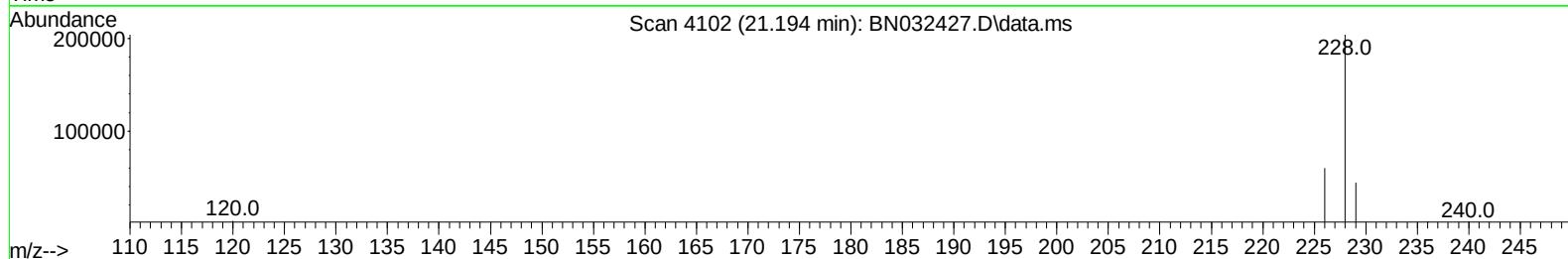
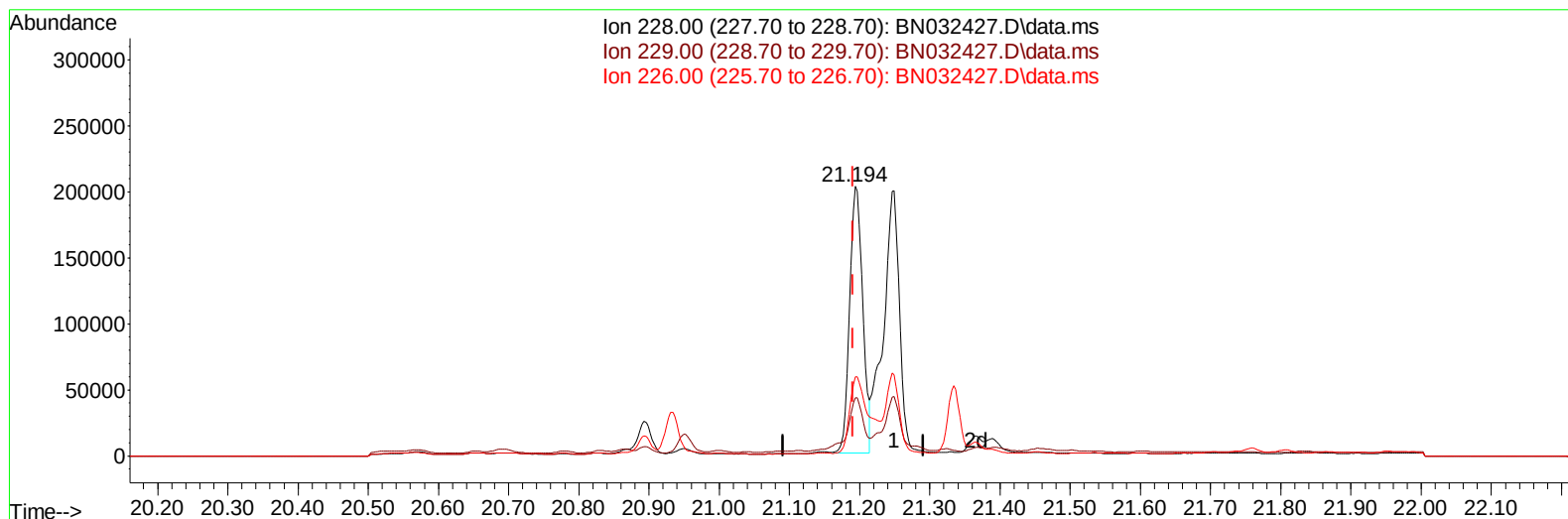
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(21) Benzo(a)anthracene

21.194min (+ 0.003) 4.36 ng/ul m

response 262434

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.66
226.00	27.30	29.35
0.00	0.00	0.00

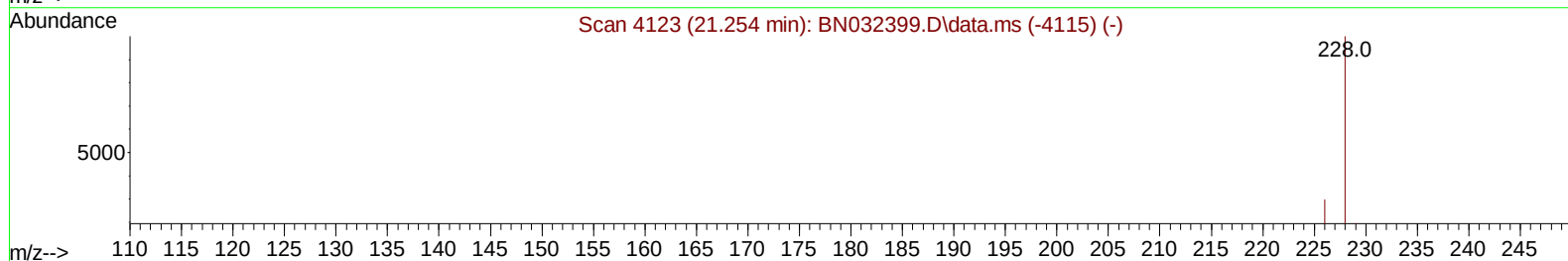
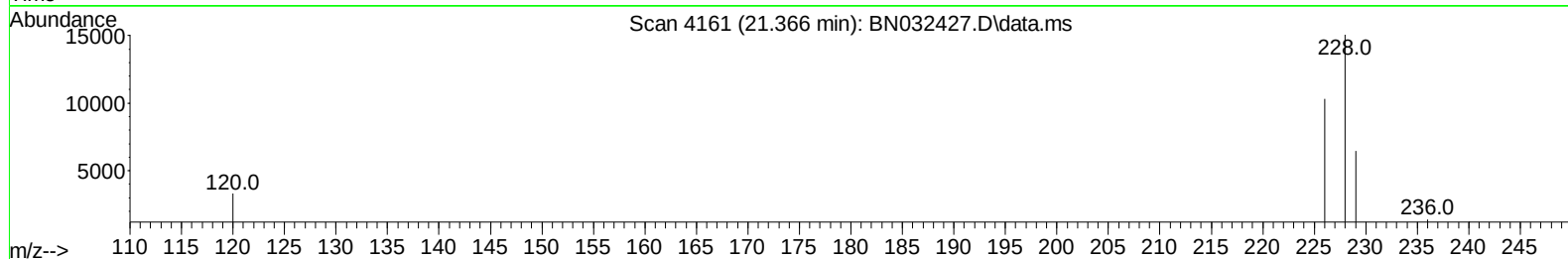
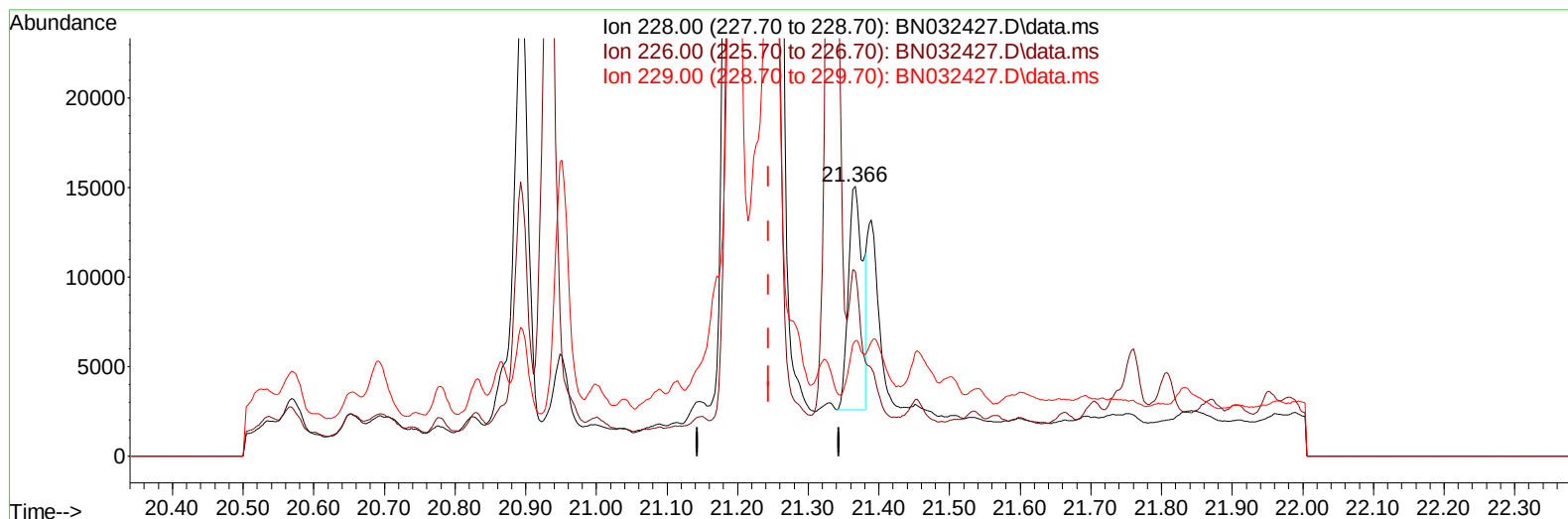
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(22) Chrysene

21.366min (+ 0.123) 0.26 ng/u1

response 17497

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	68.45#
229.00	19.60	42.83#
0.00	0.00	0.00

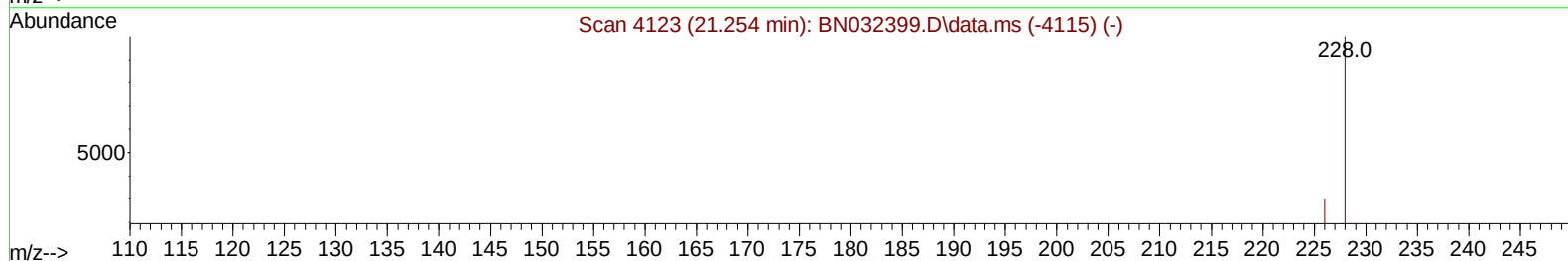
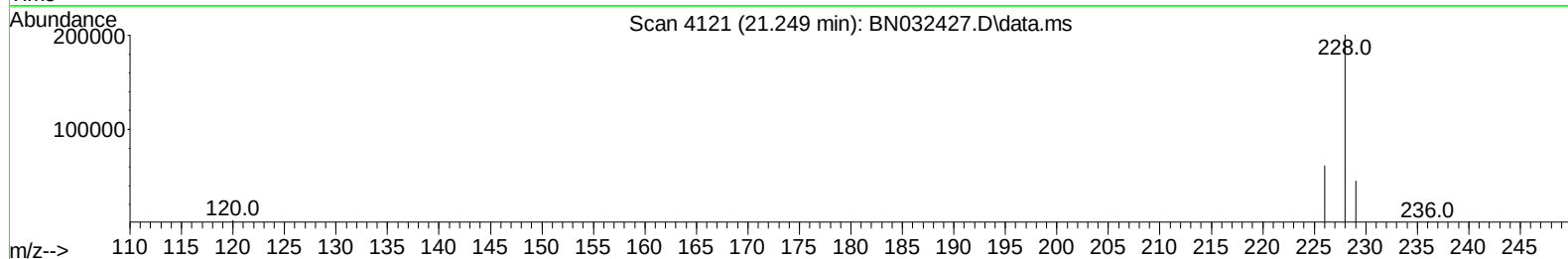
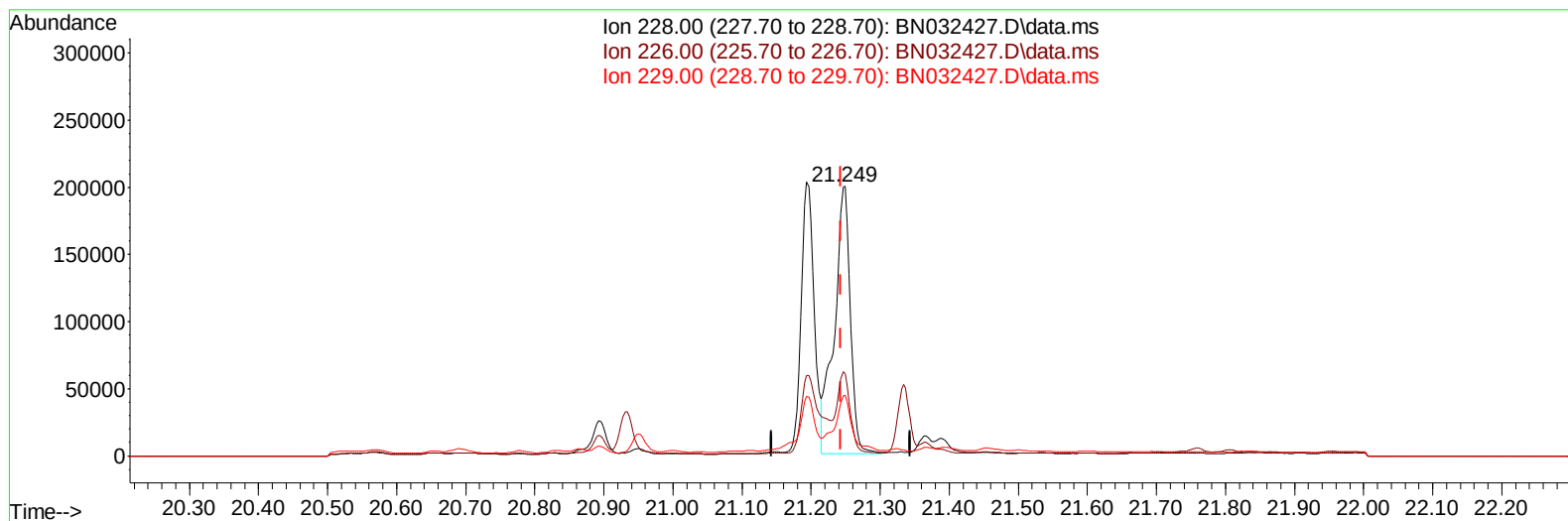
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(22) Chrysene

21.249min (+ 0.006) 4.88 ng/ul m

response 322574

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.55
229.00	19.60	22.49
0.00	0.00	0.00

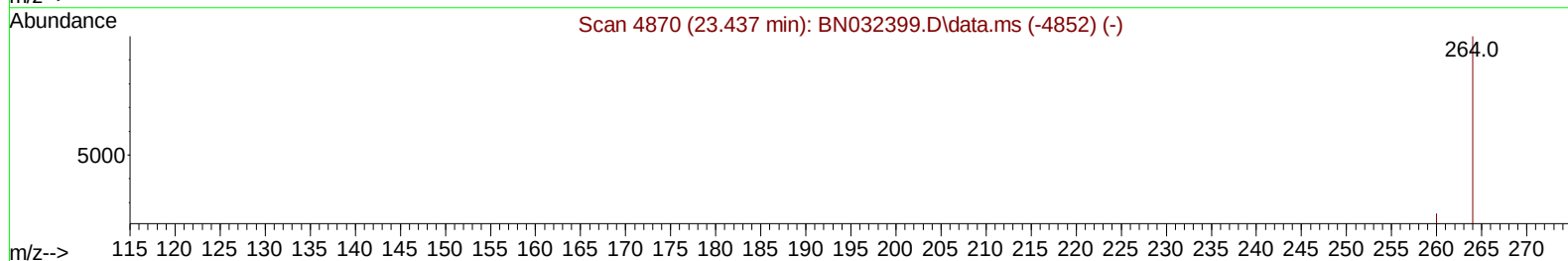
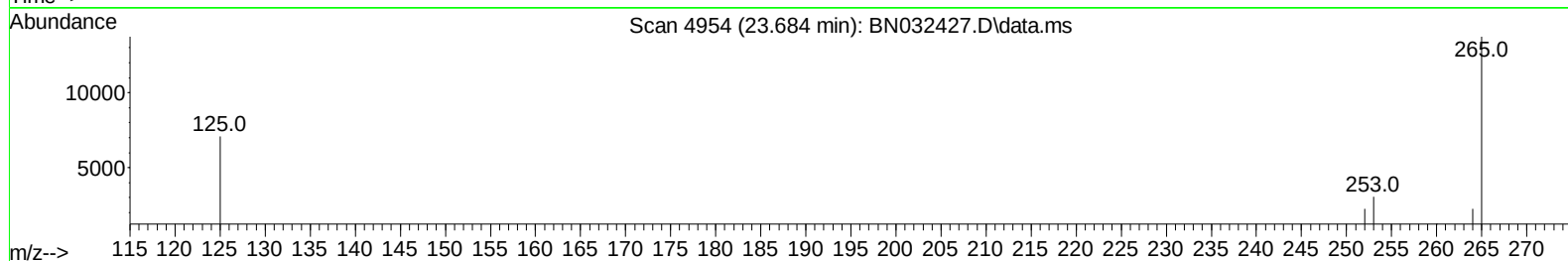
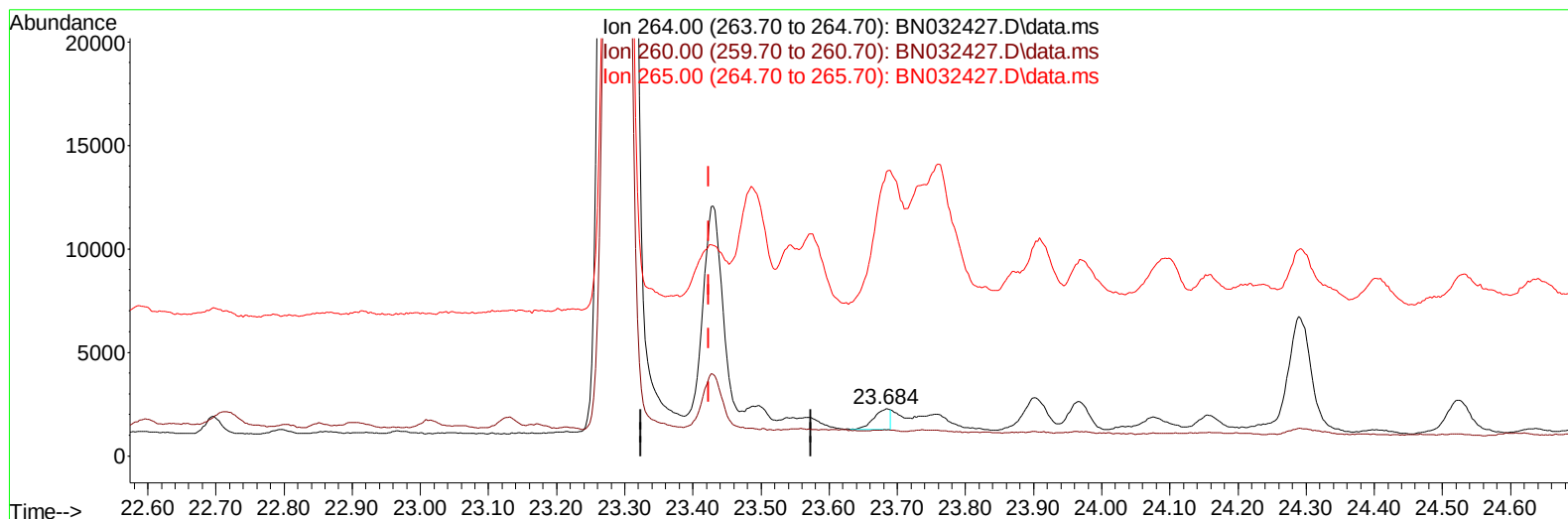
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032427.D\data.ms

(23) Perylene-d12 (I)

23.684min (+ 0.260) 0.40 ng/ul

response 1674

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	54.41#
265.00	67.20	602.68#
0.00	0.00	0.00

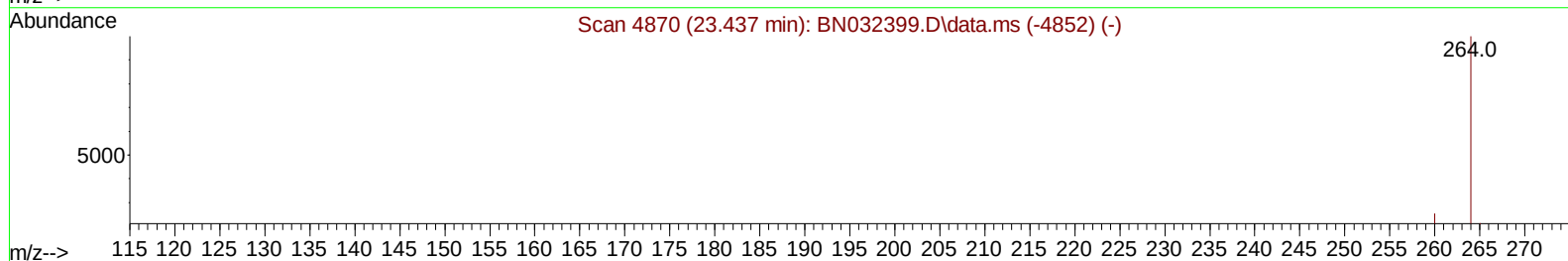
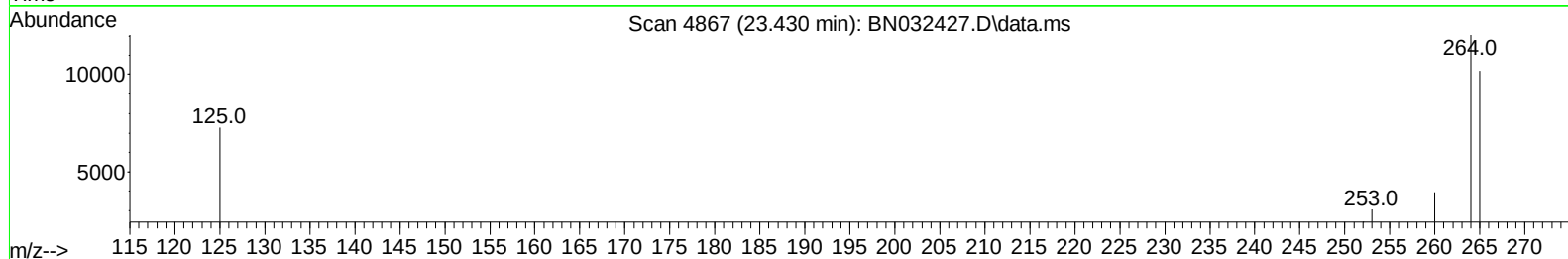
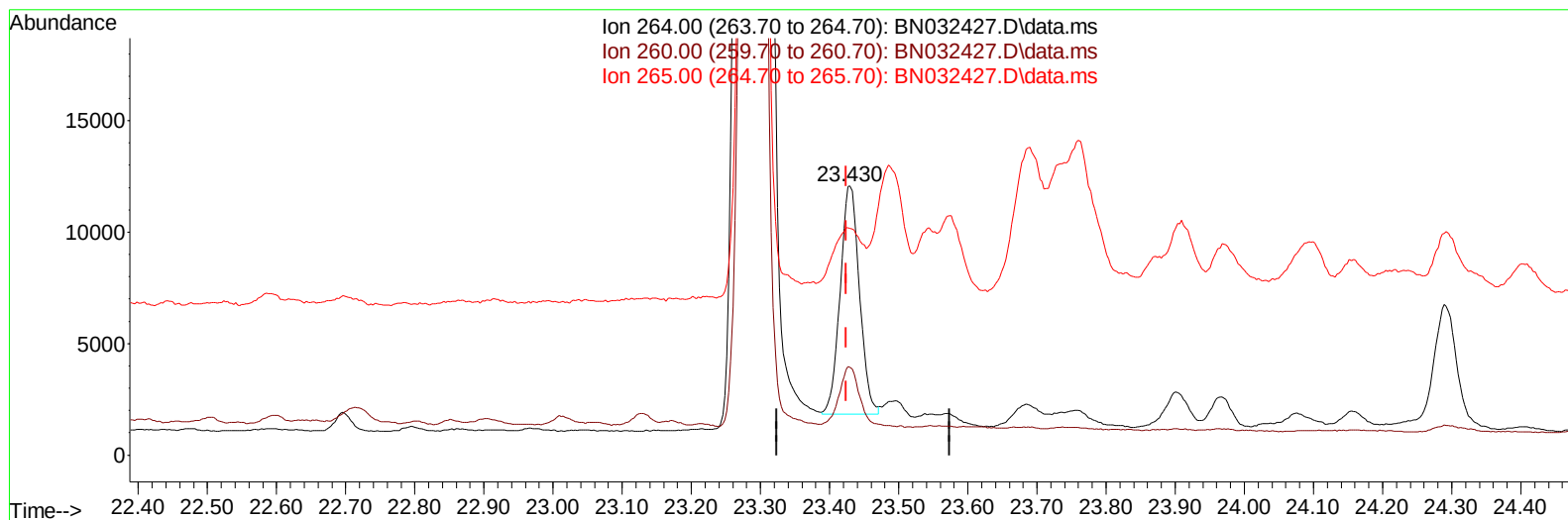
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(23) Perylene-d12 (I)

23.430min (+ 0.006) 0.40 ng/ul m

response 19968

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	32.59#
265.00	67.20	84.31#
0.00	0.00	0.00

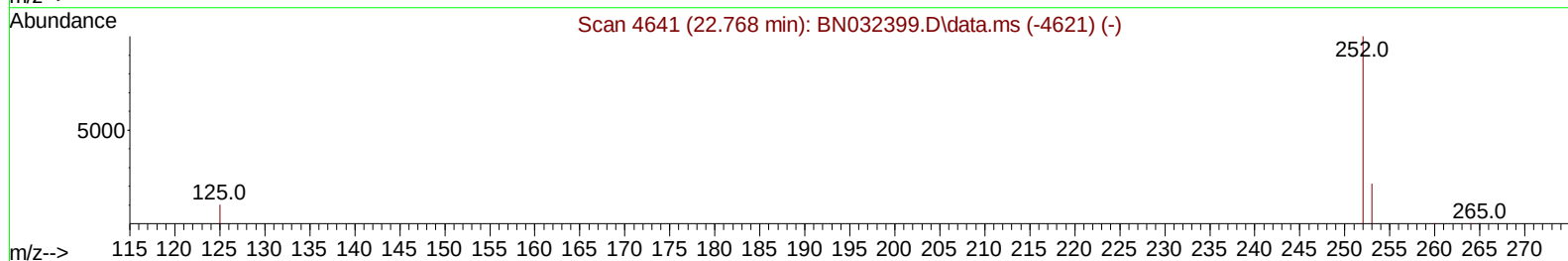
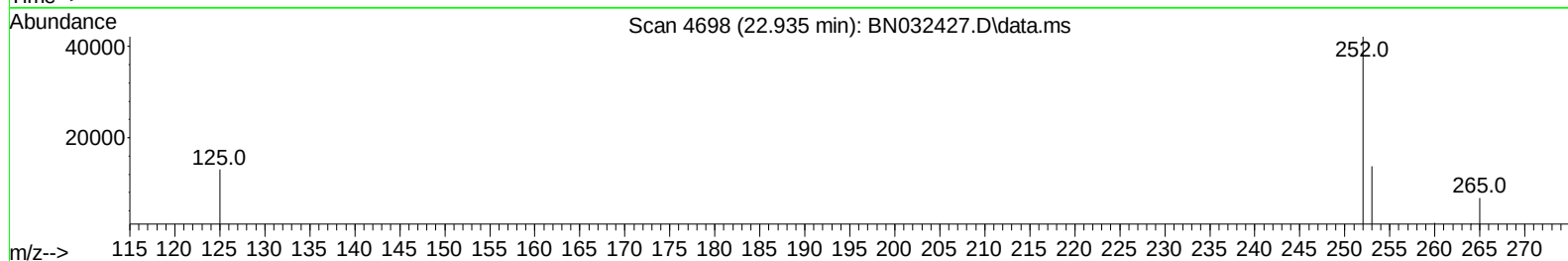
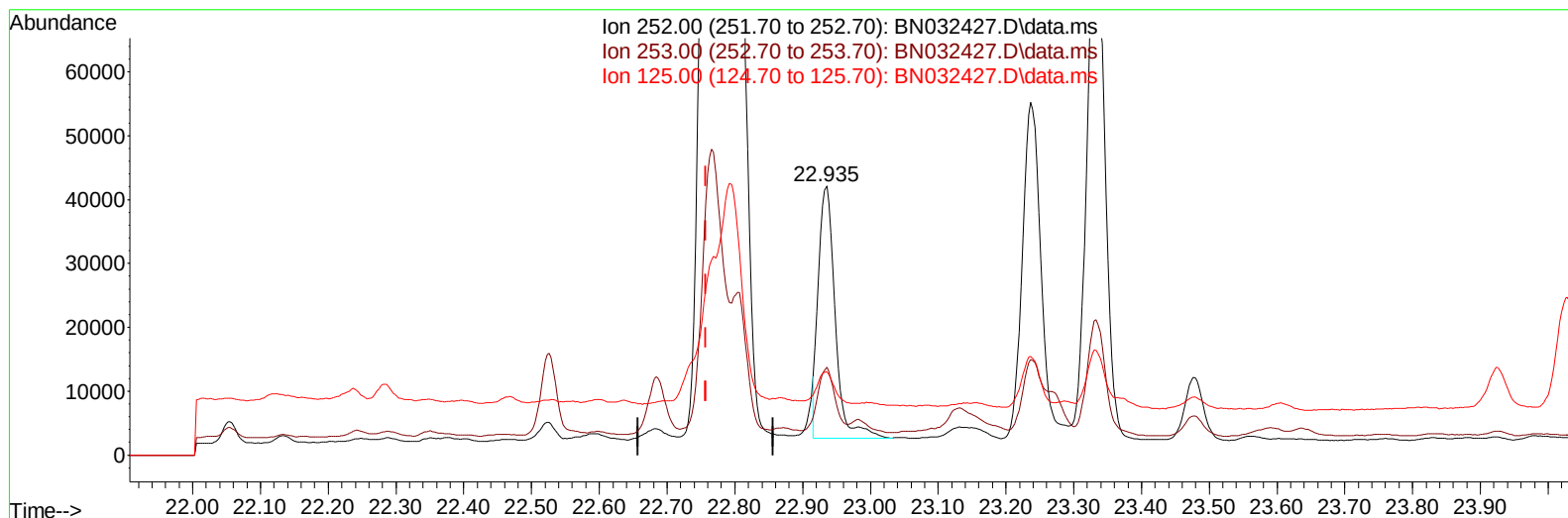
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(24) Benzo(b)fluoranthene

22.935min (+ 0.178) 0.79 ng/u1

response 68298

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	32.58
125.00	16.00	31.07
0.00	0.00	0.00

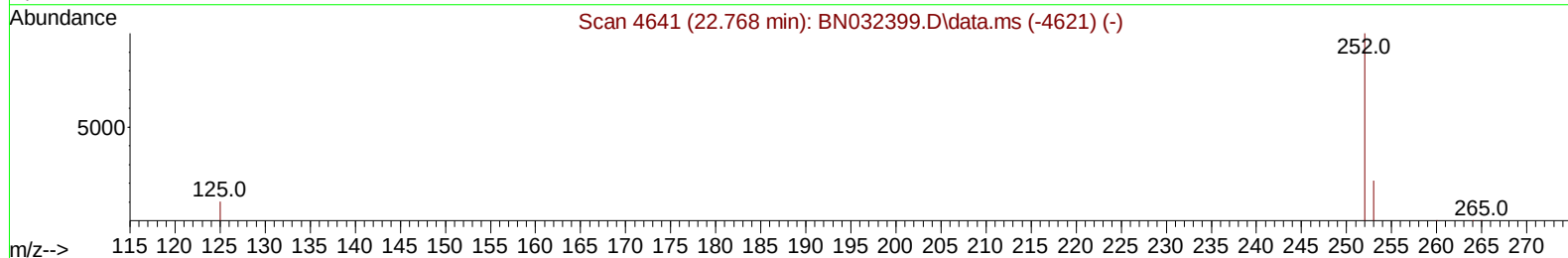
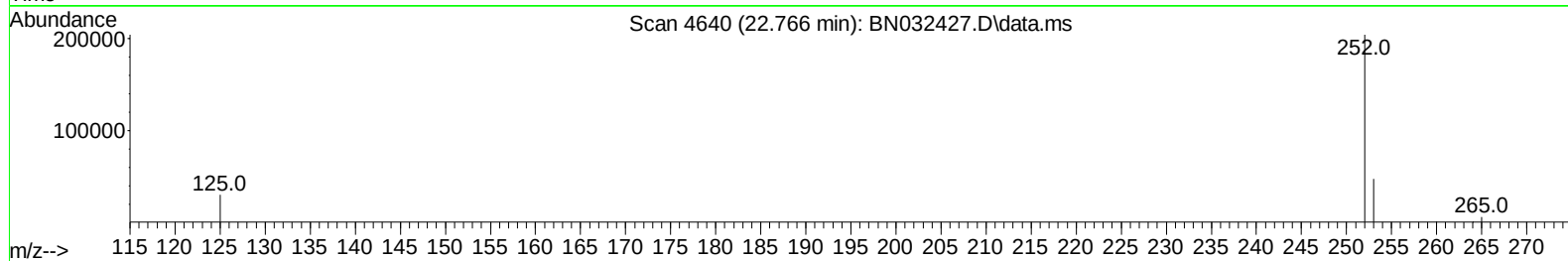
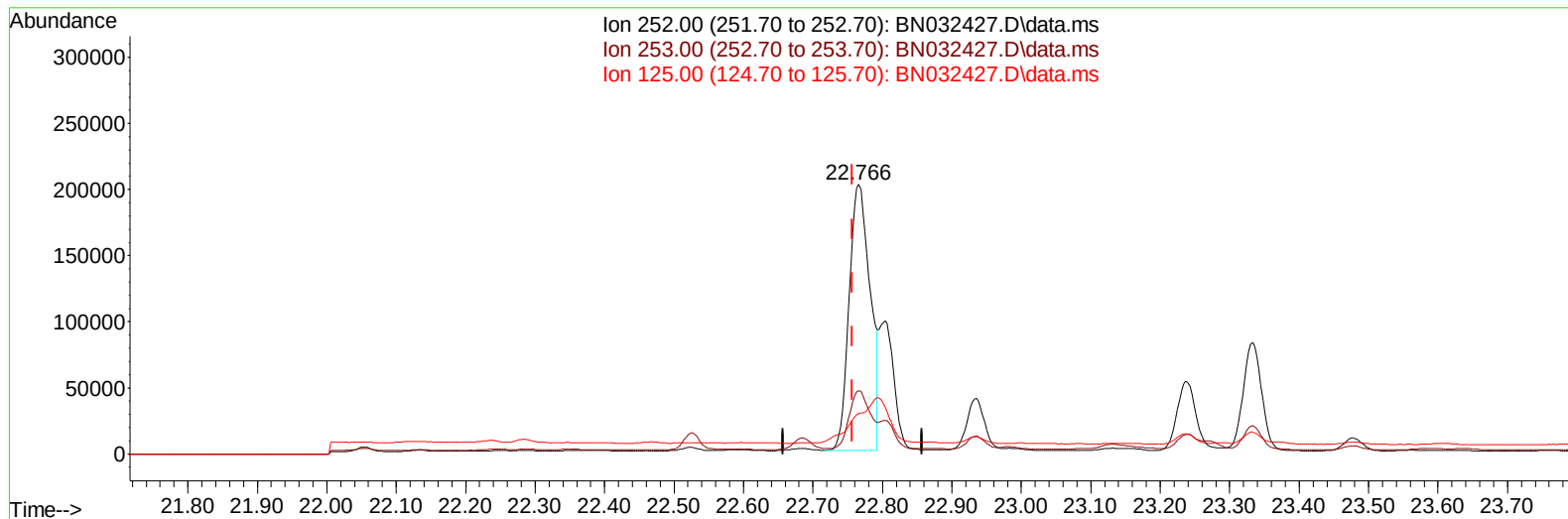
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 4.89 ng/ul m

response 424560

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.50
125.00	16.00	15.00
0.00	0.00	0.00

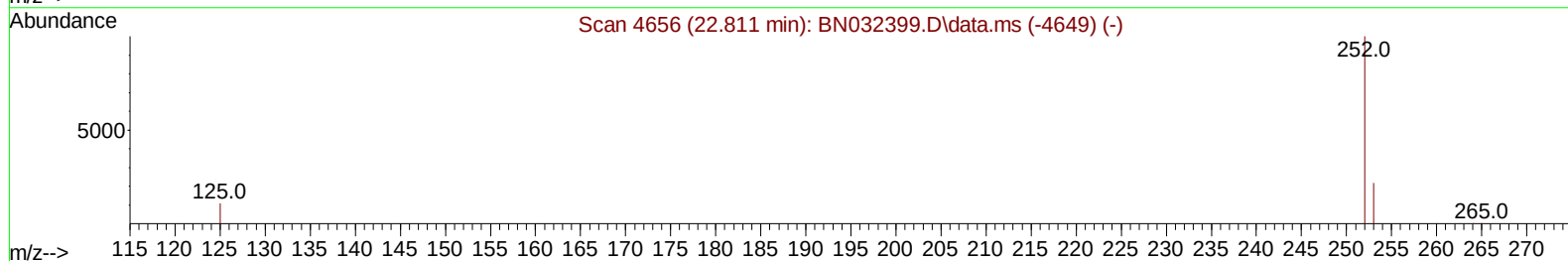
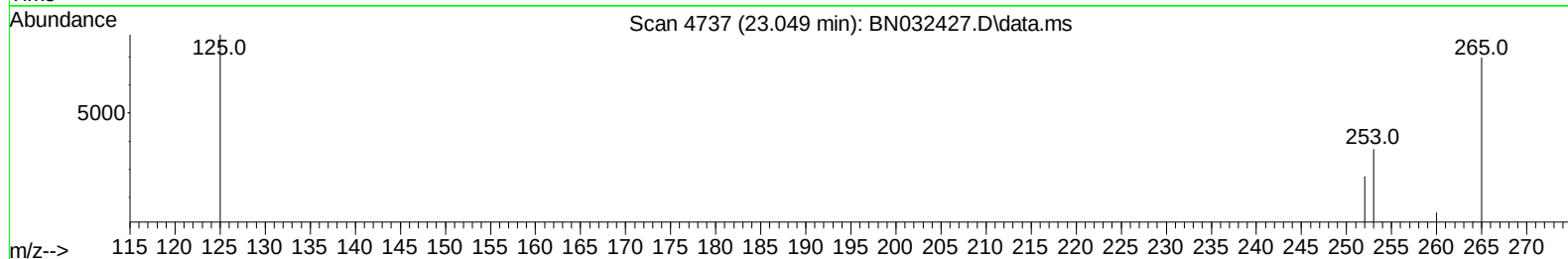
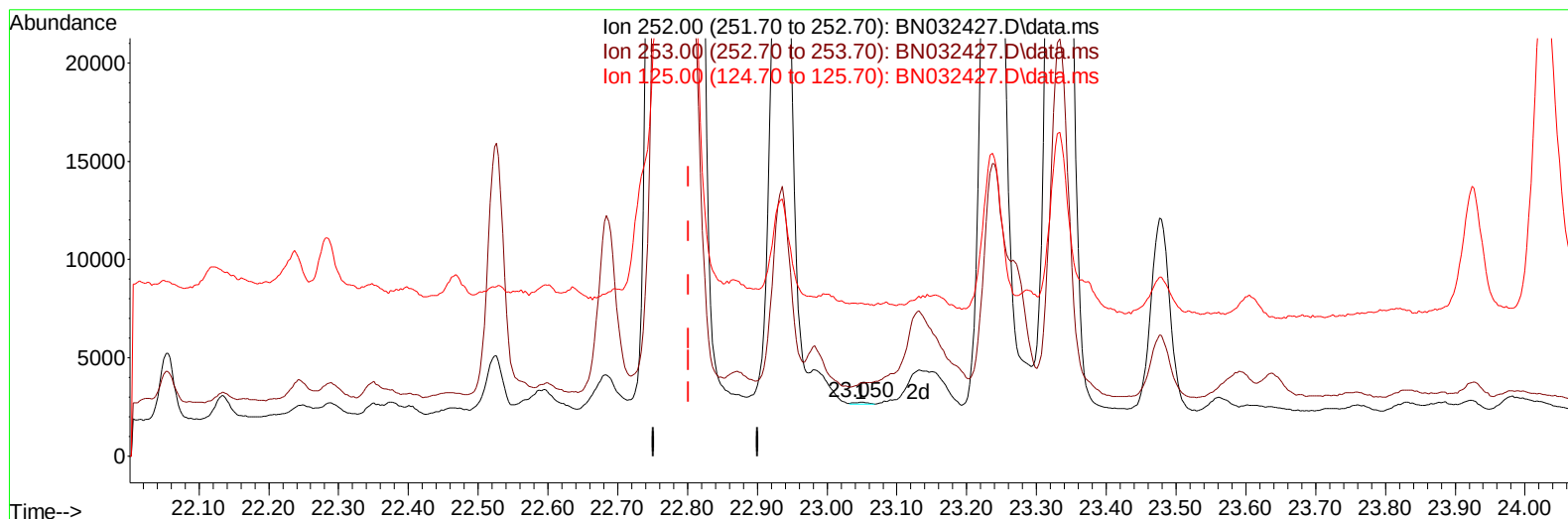
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032427.D
 Acq On : 03 Jul 2024 07:34
 Operator : MA/JU
 Sample : P2963-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(25) Benzo(k)fluoranthene

23.049min (+ 0.248) 0.00 ng/ul

response 114

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	136.05#
125.00	16.00	284.44#
0.00	0.00	0.00

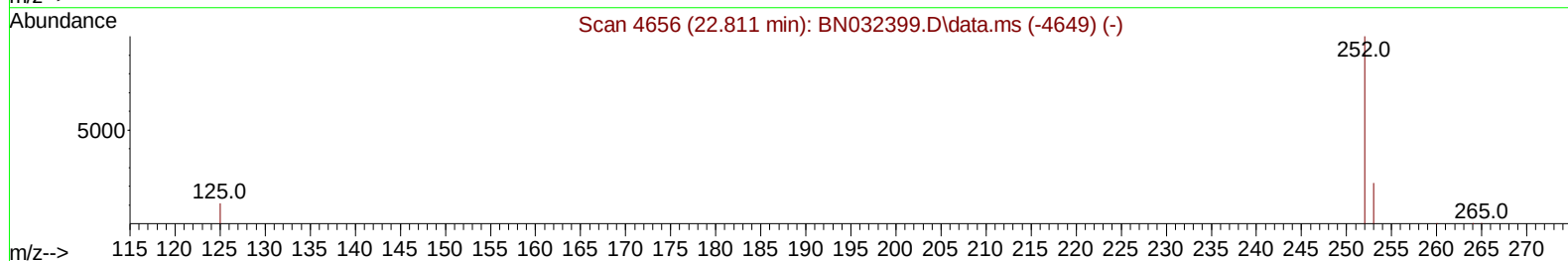
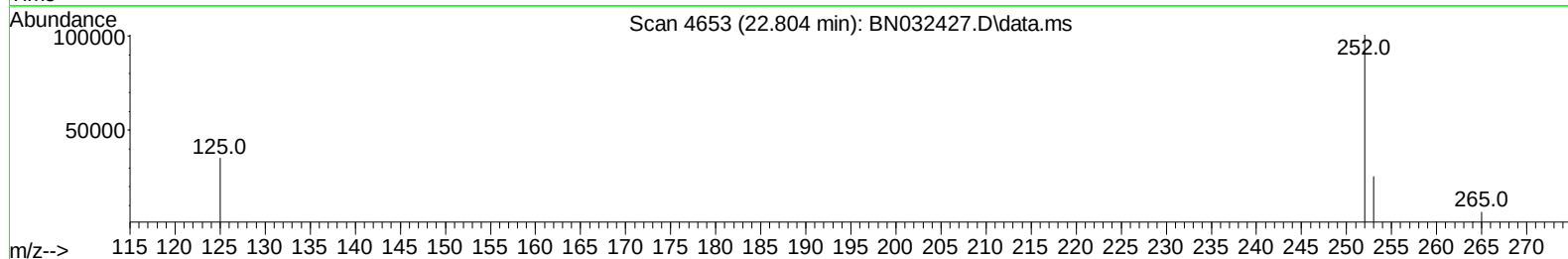
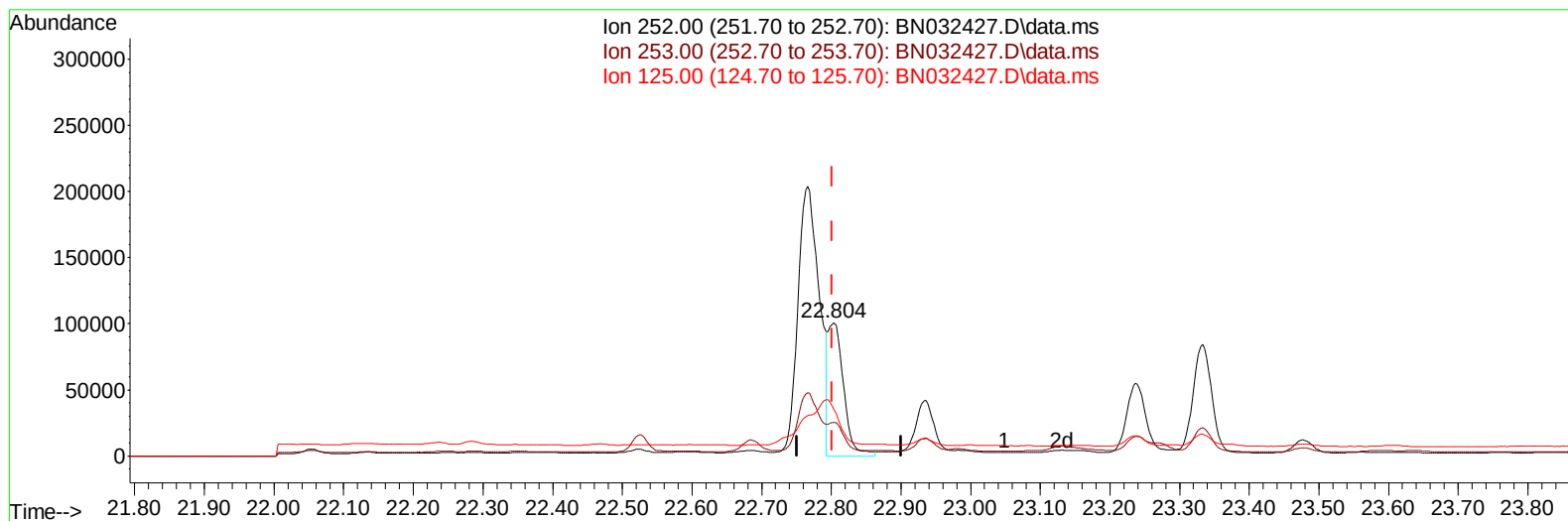
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 1.87 ng/ul m

response 157923

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	25.27
125.00	16.00	34.92#
0.00	0.00	0.00

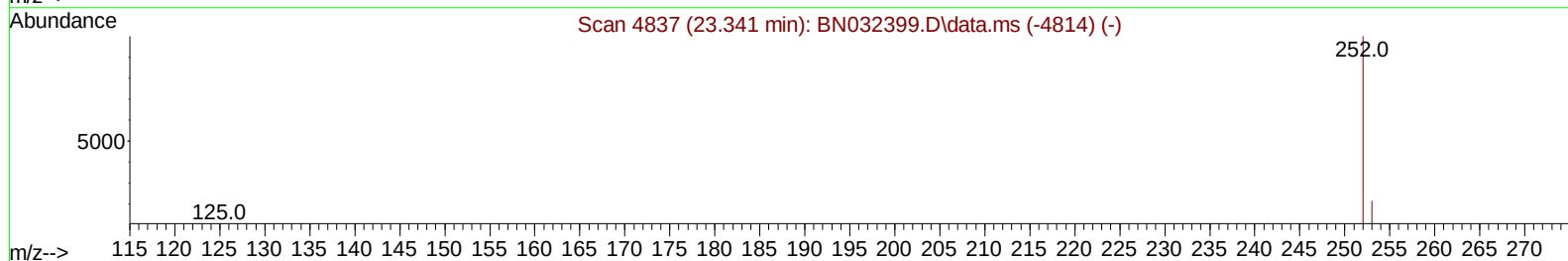
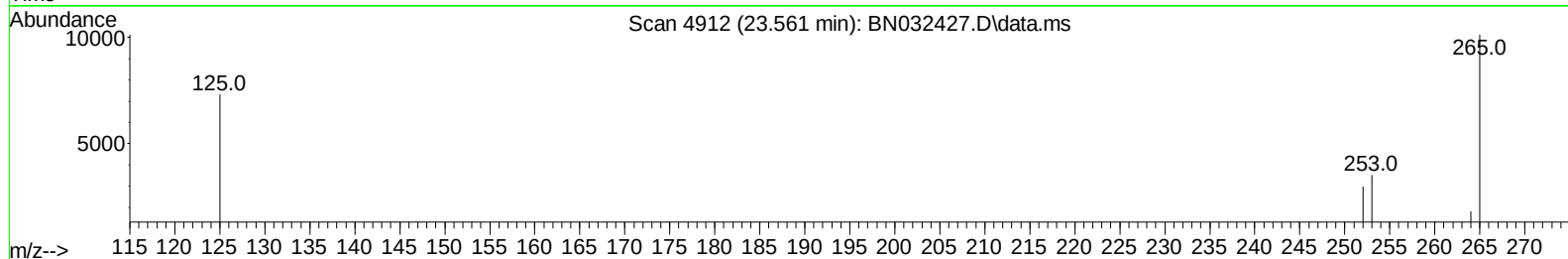
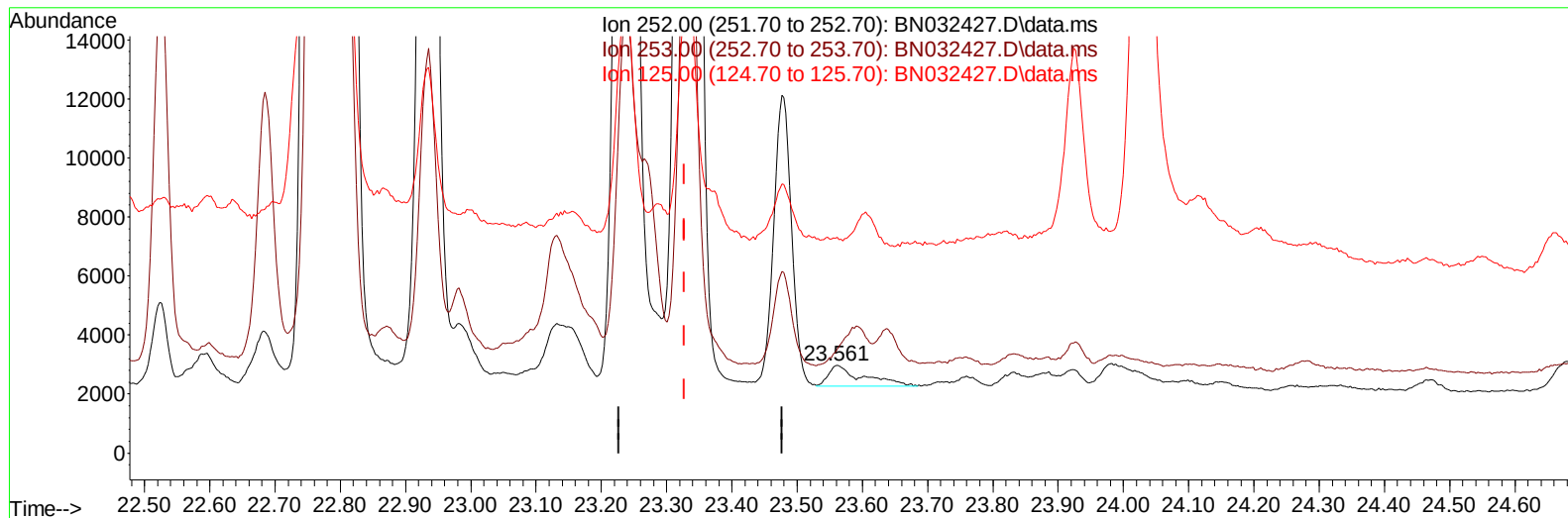
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(26) Benzo(a)pyrene (C)

23.561min (+ 0.234) 0.04 ng/ul

response 2599

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	117.73#
125.00	20.50	245.01#
0.00	0.00	0.00

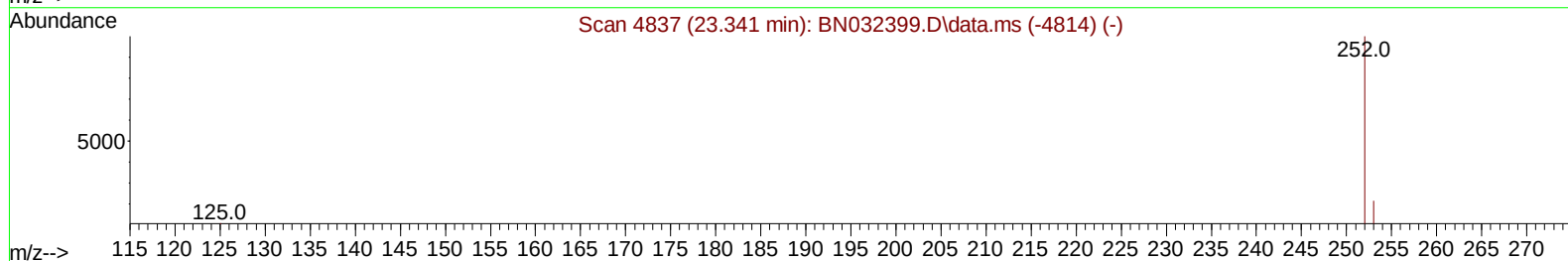
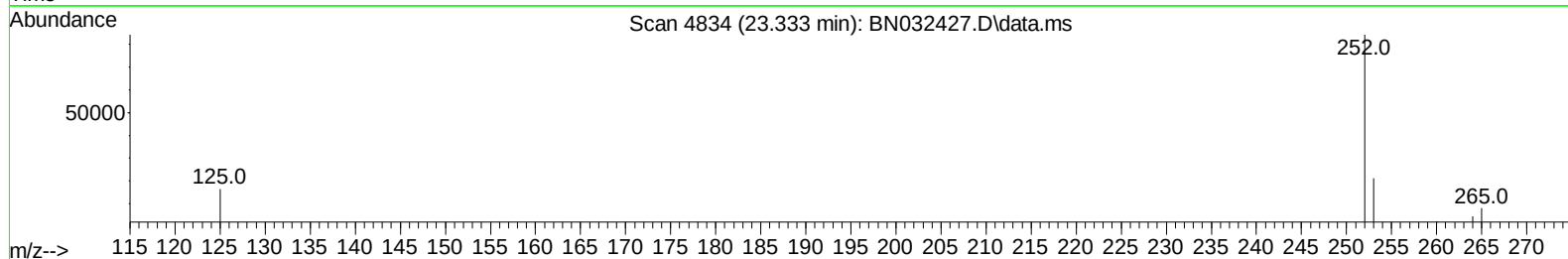
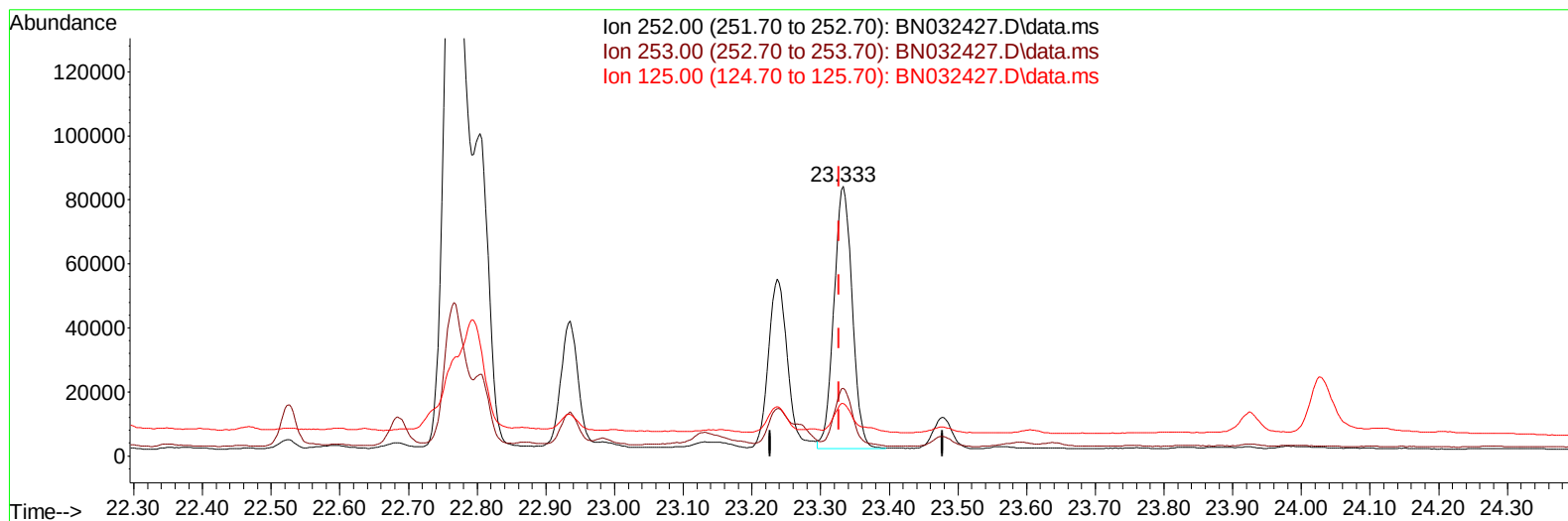
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 2.52 ng/ul m

response 151902

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	25.21
125.00	20.50	19.58
0.00	0.00	0.00

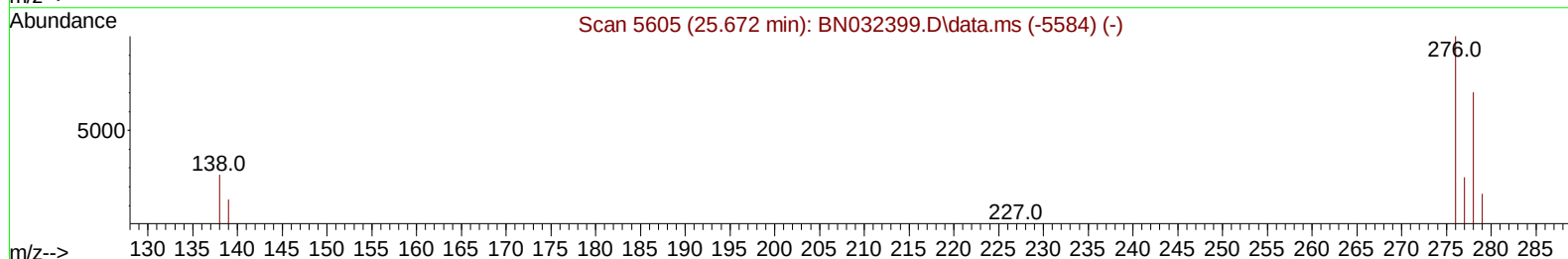
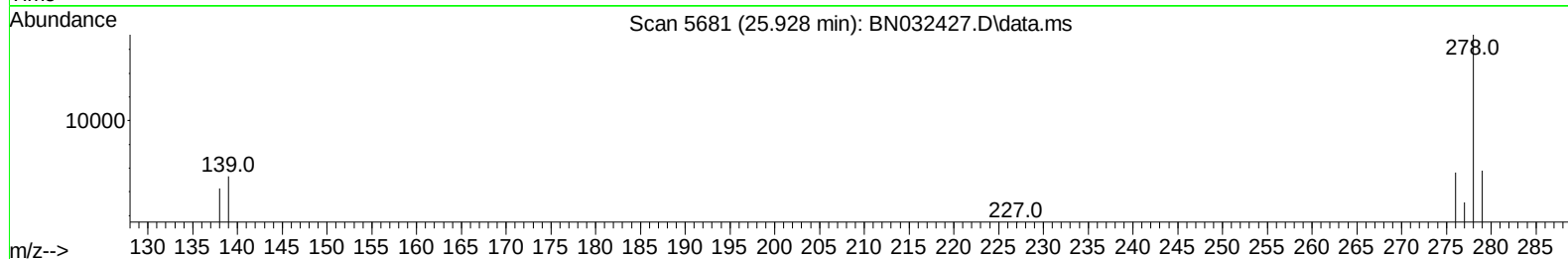
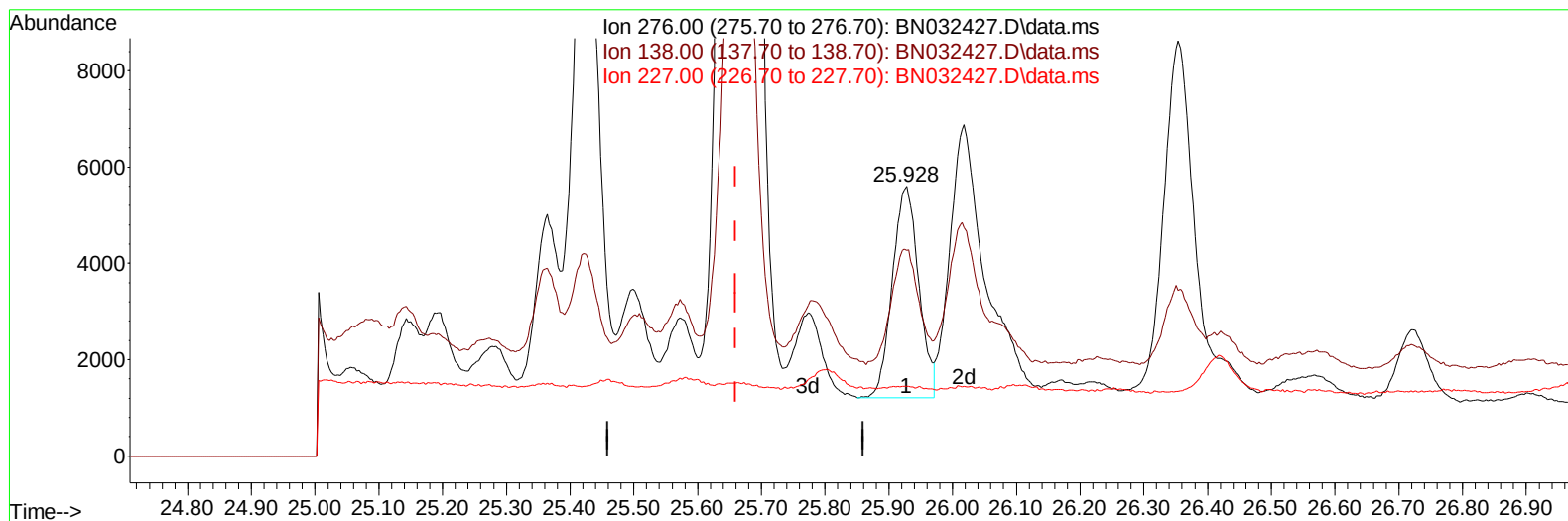
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

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

25.928min (+ 0.268) 0.13 ng/u1

response 12664

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	57.74#
227.00	0.10	1.18#
0.00	0.00	0.00

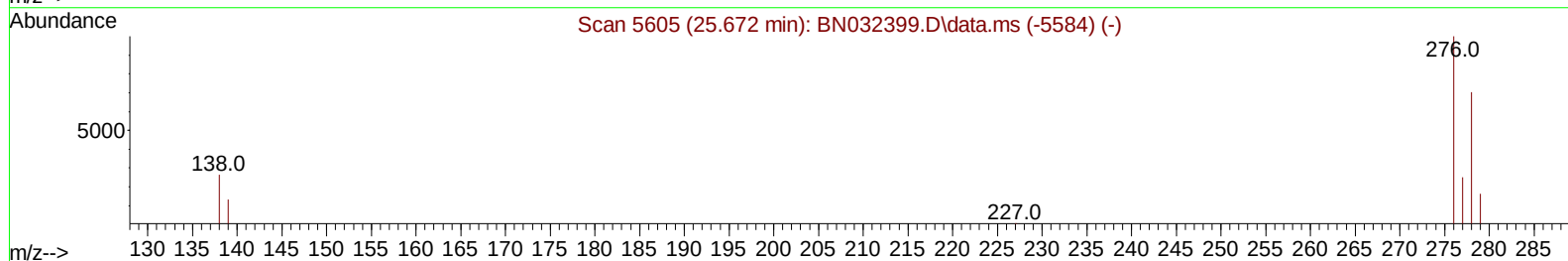
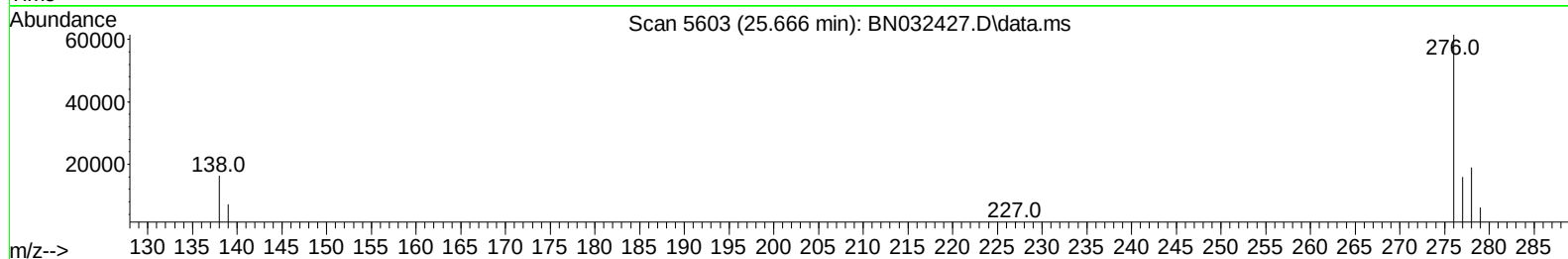
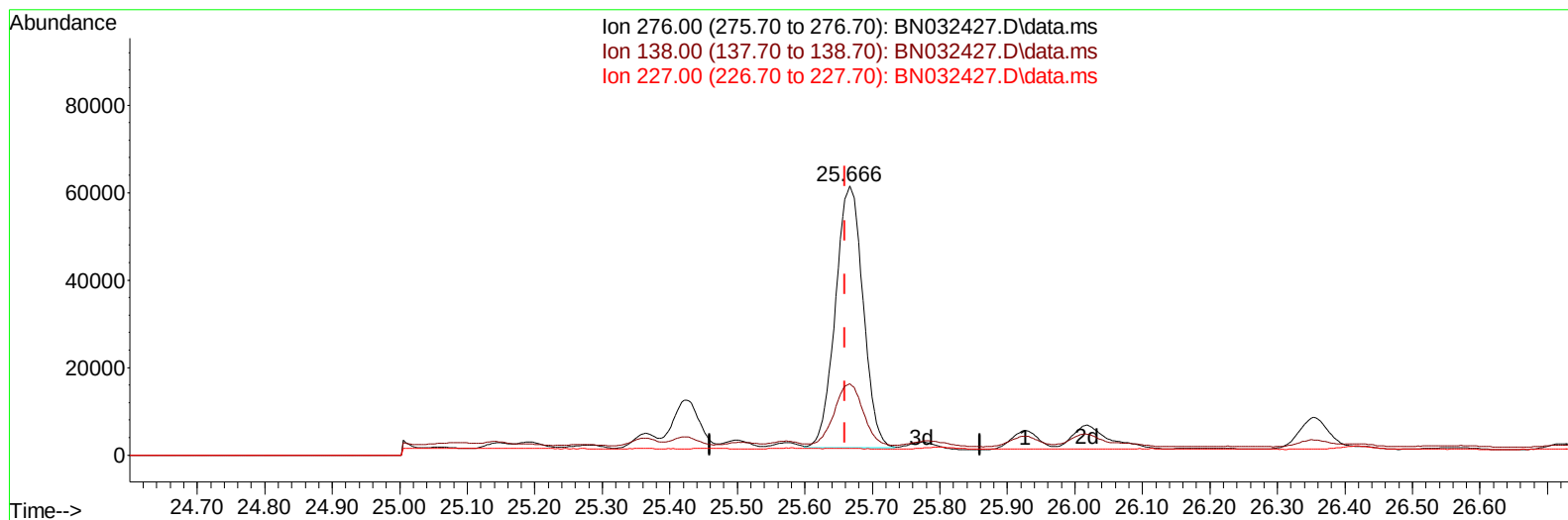
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

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

25.666min (+ 0.007) 1.80 ng/ul m

response 169994

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	4.30#
227.00	0.10	0.09
0.00	0.00	0.00

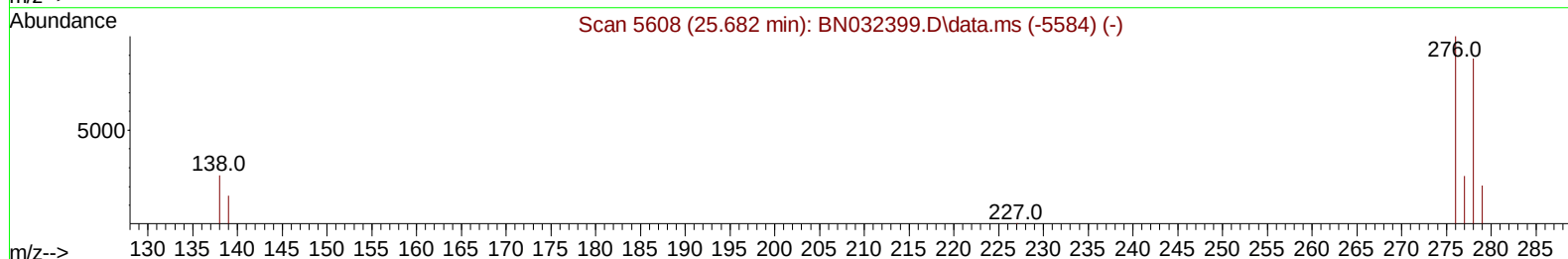
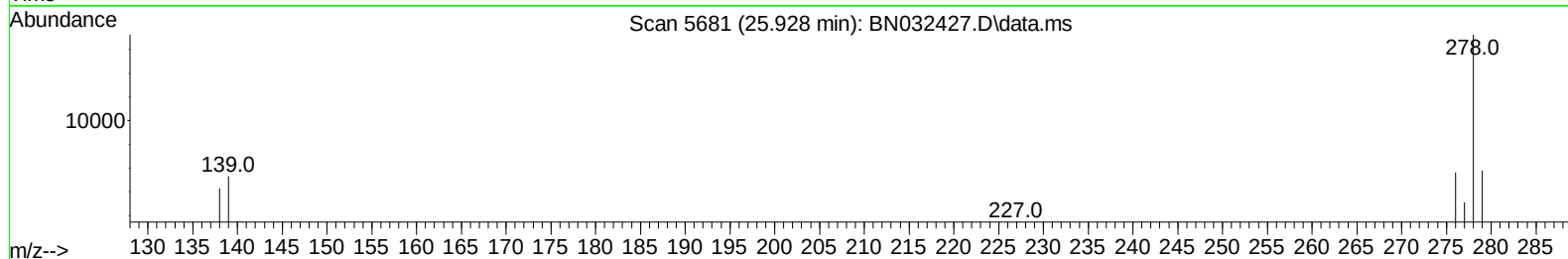
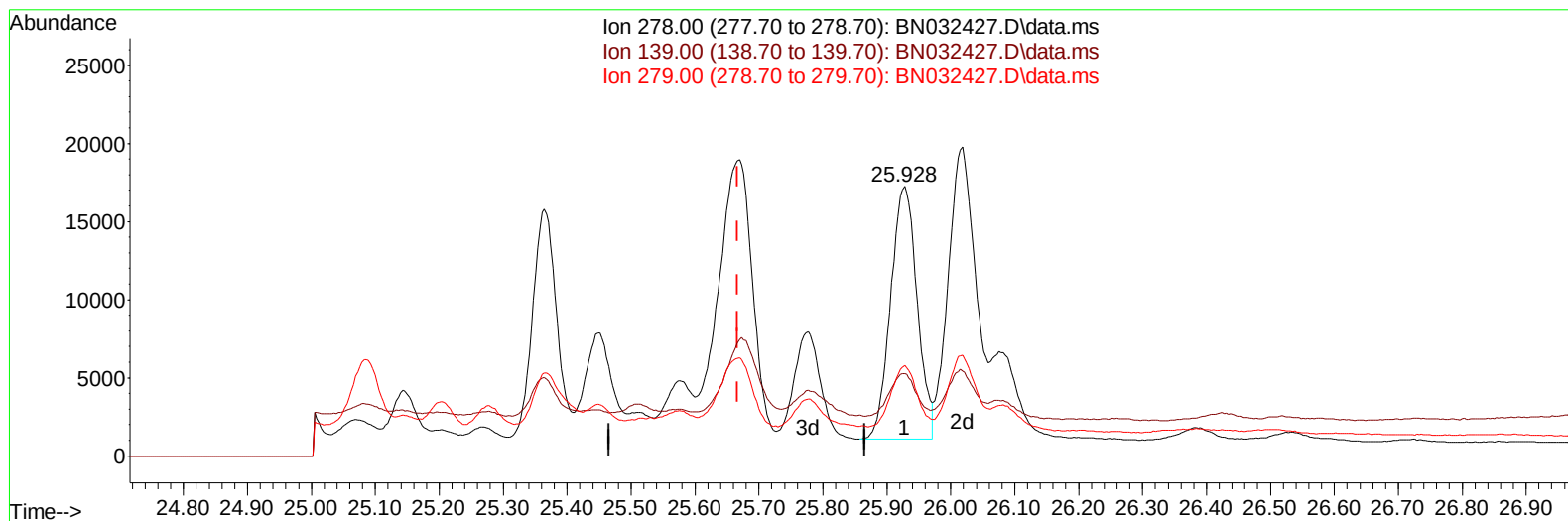
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(28) Dibenzo(a,h)anthracene

25.928min (+ 0.261) 0.67 ng/u1

response 46835

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	30.62#
279.00	26.40	33.54#
0.00	0.00	0.00

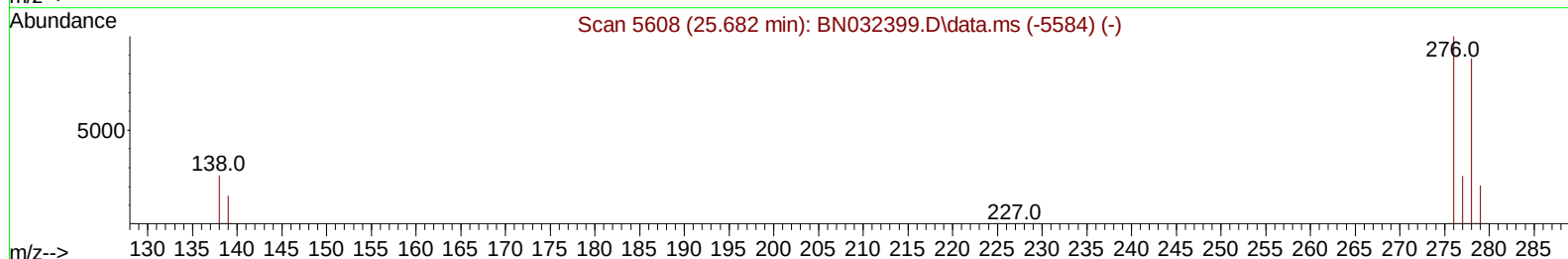
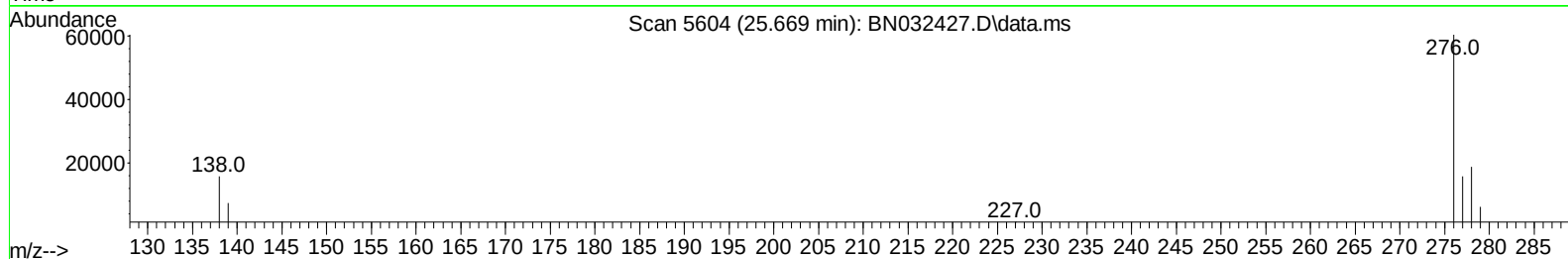
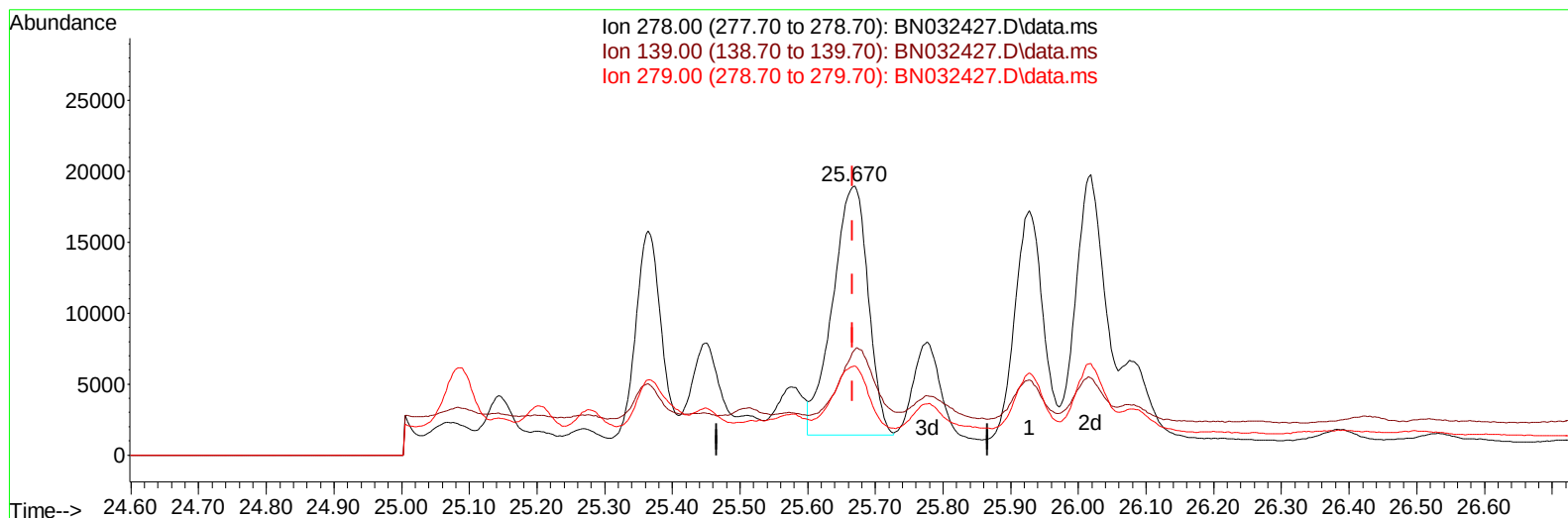
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

(28) Dibenzo(a,h)anthracene

25.669min (+ 0.003) 0.91 ng/ul m

response 64039

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	39.29#
279.00	26.40	33.07#
0.00	0.00	0.00

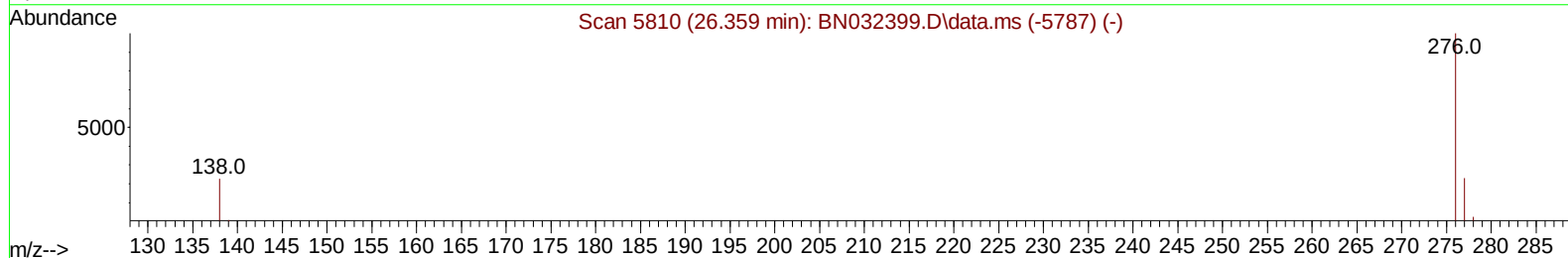
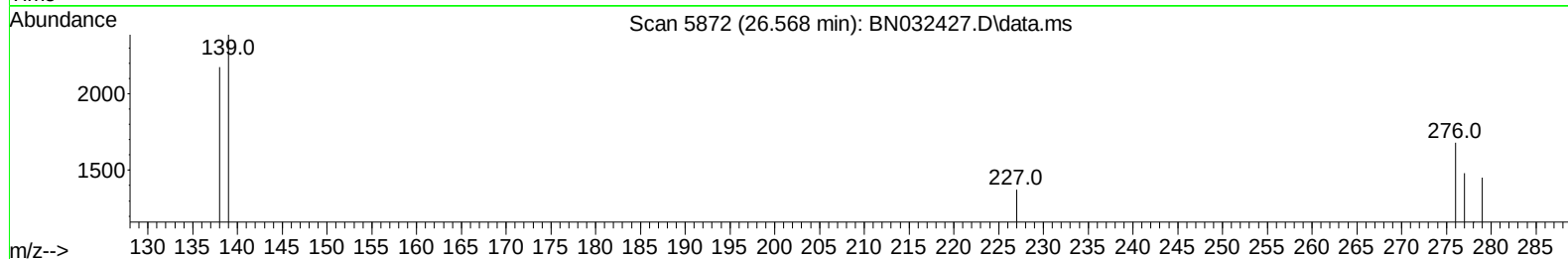
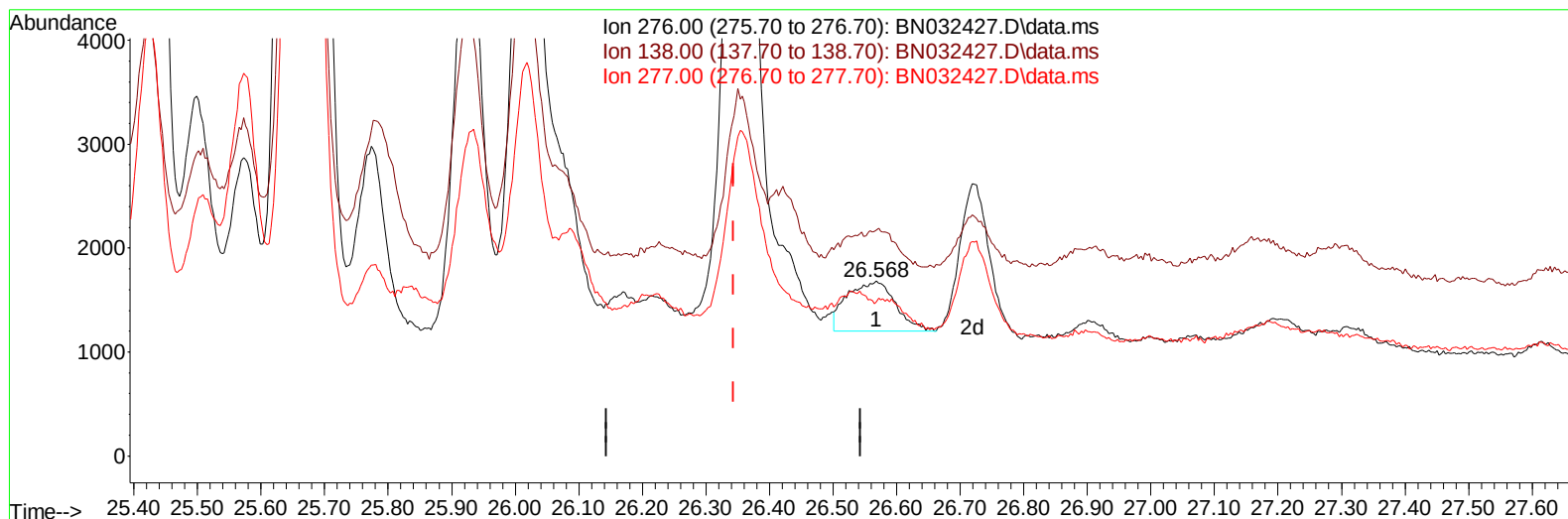
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

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

26.568min (+ 0.225) 0.03 ng/u1

response 2529

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	129.19#
277.00	24.70	87.99#
0.00	0.00	0.00

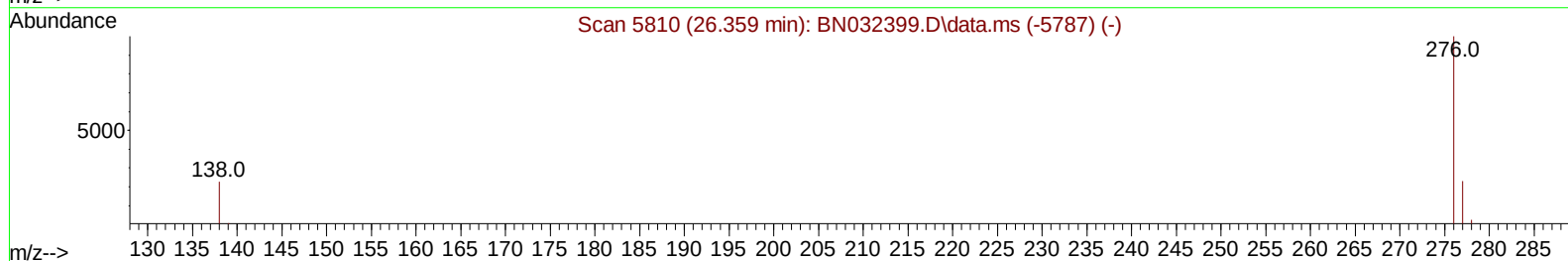
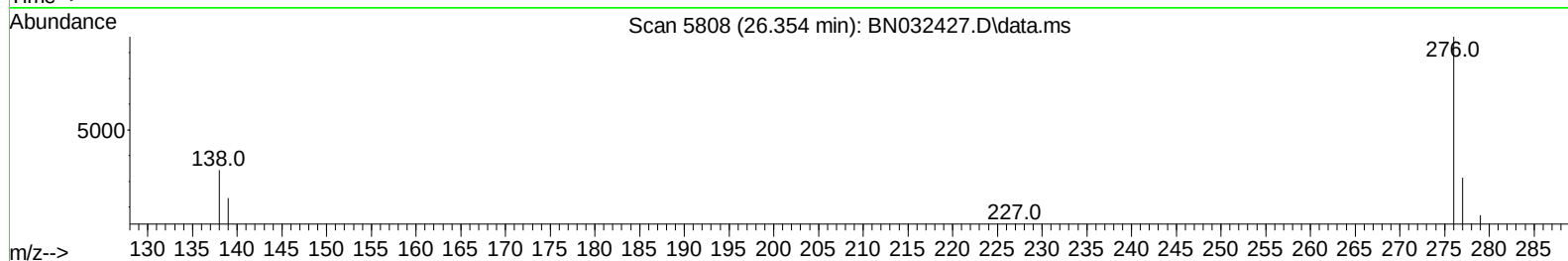
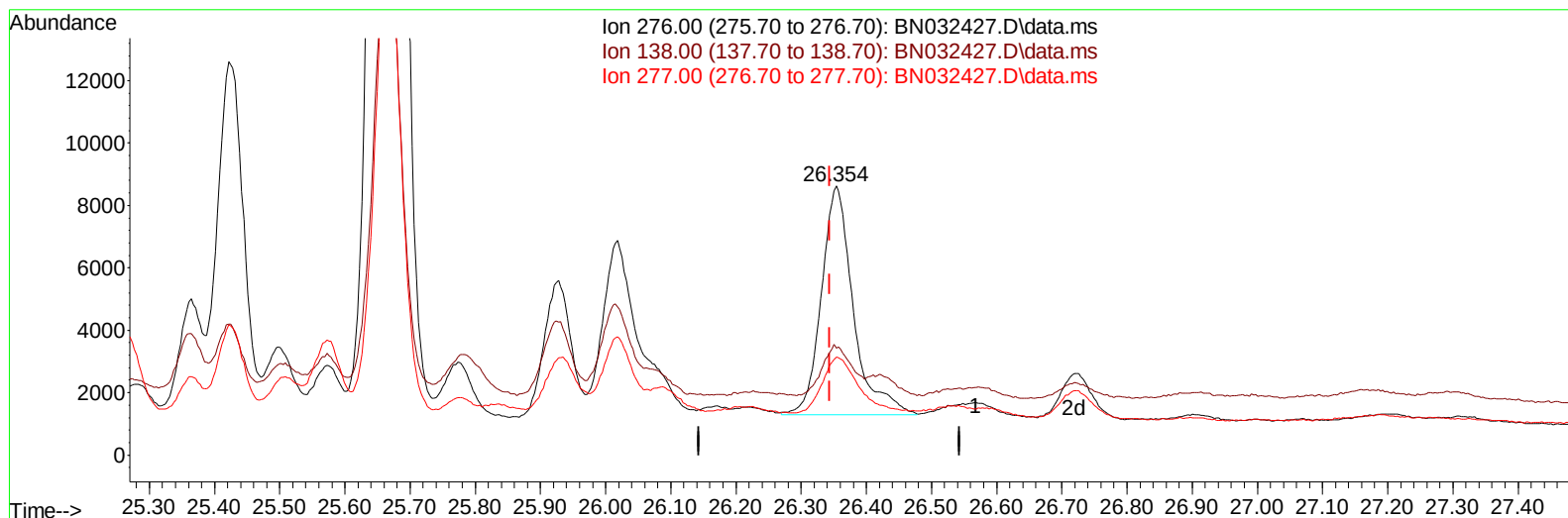
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032427.D\data.ms

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

26.354min (+ 0.010) 0.33 ng/ul m

response 25078

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	39.83#
277.00	24.70	36.33#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032427.D
 Acq On : 03 Jul 2024 07:34
 Operator : MA/JU
 Sample : P2963-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 08:01:50 2024
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 QLast Update : Wed Jul 03 03:26:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7277	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	24011	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	14938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	27916m	0.400	ng/ul	0.00
17) Chrysene-d12	21.211	240	16681m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	19968m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30097	3.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	10068	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.045	212	17607m	0.351	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	32926	0.518	ng/ul	100
7) 2-Methylnaphthalene	12.054	142	14133	0.336	ng/ul	98
8) 1-Methylnaphthalene	12.273	142	8164	0.187	ng/ul	98
10) Acenaphthylene	13.971	152	64468	1.038	ng/ul	99
11) Acenaphthene	14.313	153	9690	0.201	ng/ul	98
12) Fluorene	15.308	166	14461	0.252	ng/ul#	98
15) Phenanthrene	17.045	178	319634m	4.176	ng/ul	
16) Anthracene	17.138	178	86899m	1.273	ng/ul	
19) Fluoranthene	19.073	202	572076m	9.006	ng/ul	
20) Pyrene	19.440	202	436504m	6.576	ng/ul	
21) Benzo(a)anthracene	21.194	228	262434m	4.359	ng/ul	
22) Chrysene	21.249	228	322574m	4.881	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	424560m	4.894	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	157923m	1.874	ng/ul	
26) Benzo(a)pyrene	23.333	252	151902m	2.517	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	169994m	1.799	ng/ul	
28) Dibenzo(a,h)anthracene	25.669	278	64039m	0.912	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	25078m	0.333	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032427.D
Acq On : 03 Jul 2024 07:34
Operator : MA/JU
Sample : P2963-17
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS8

Manual IntegrationsAPPROVED

Quant Time: Jul 03 08:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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