

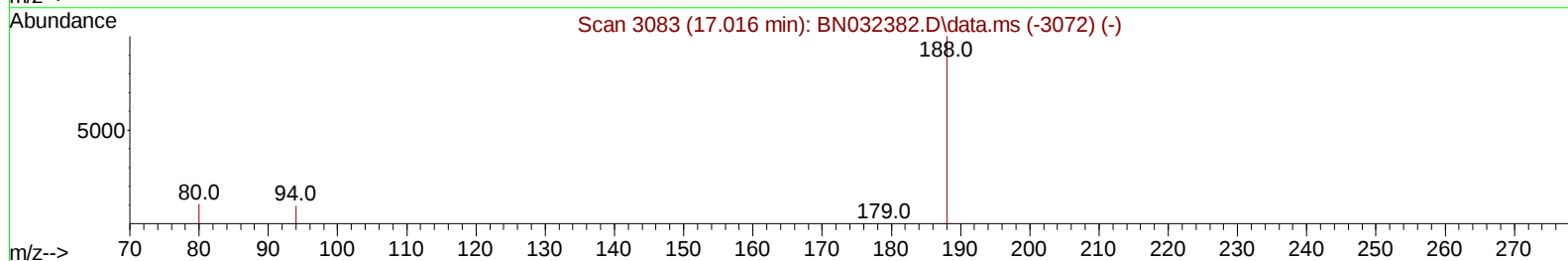
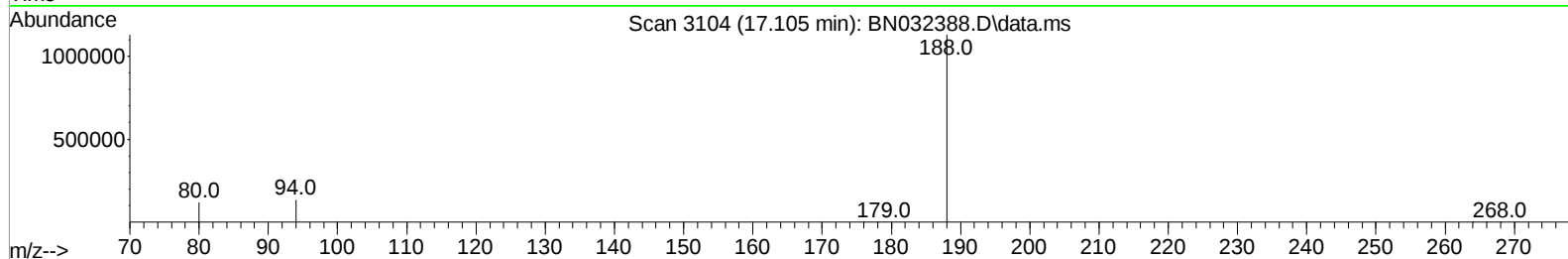
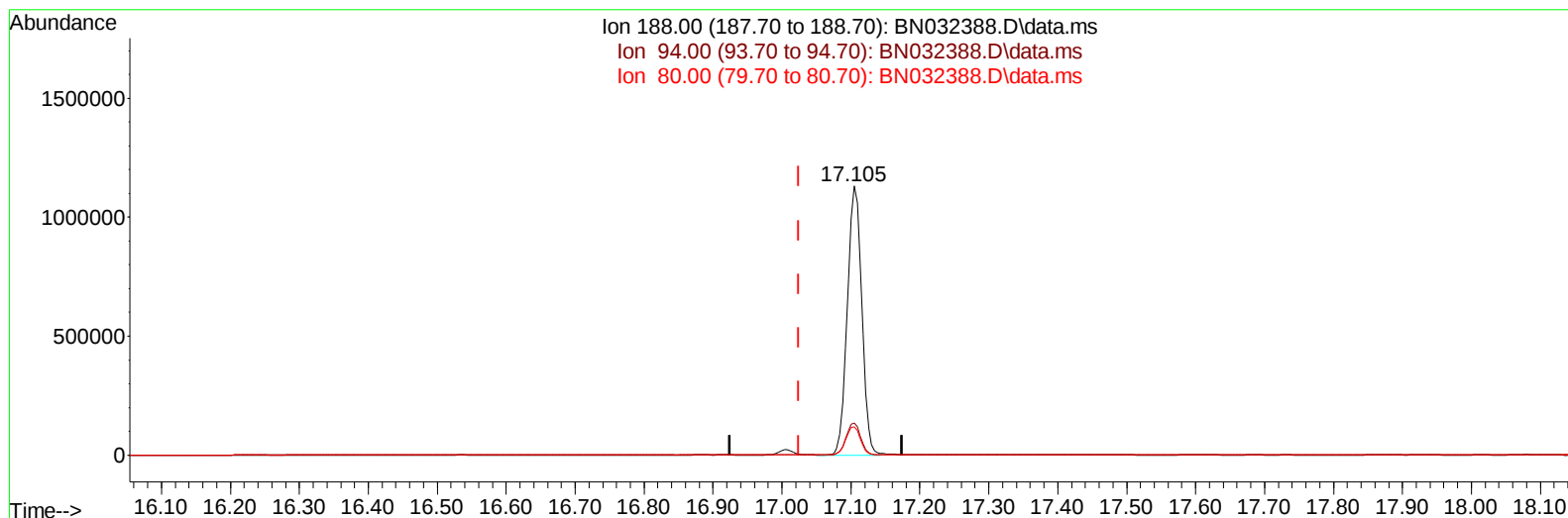
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 1645347

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.01
80.00	10.50	10.57
0.00	0.00	0.00

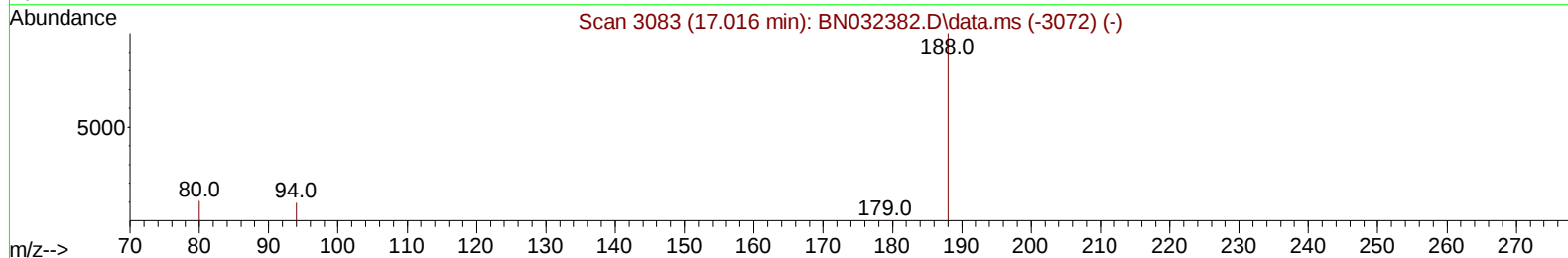
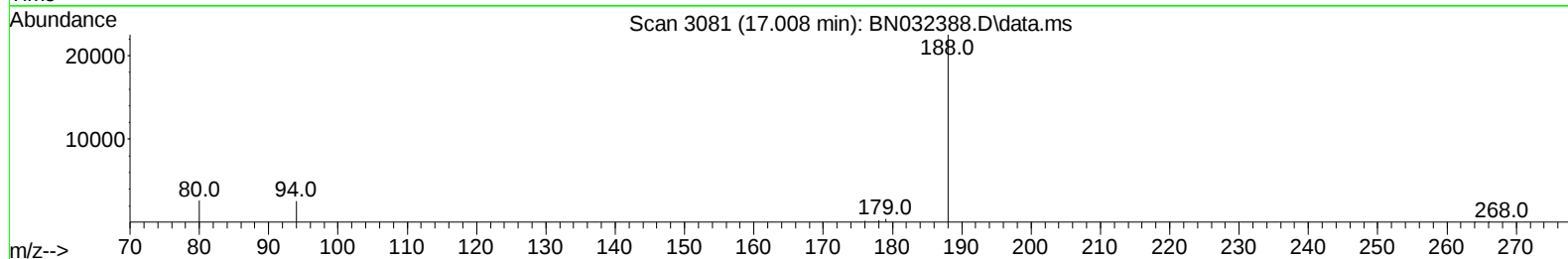
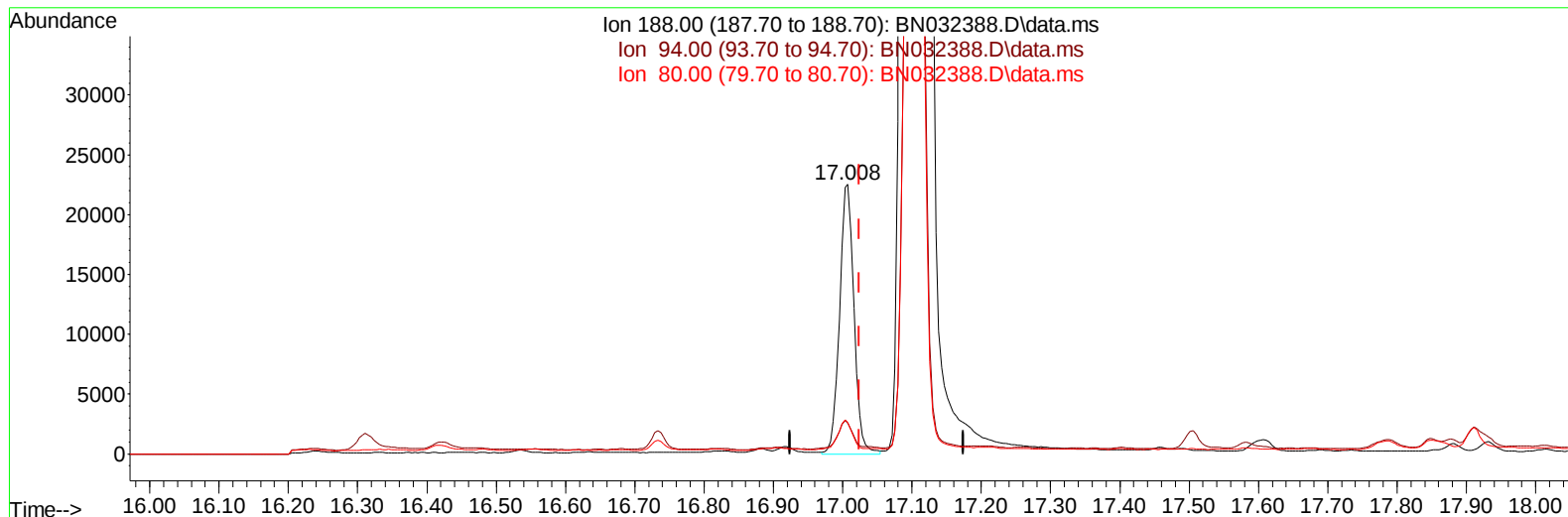
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (-0.017) 0.40 ng/ul m

response 32550

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.52
80.00	10.50	11.69
0.00	0.00	0.00

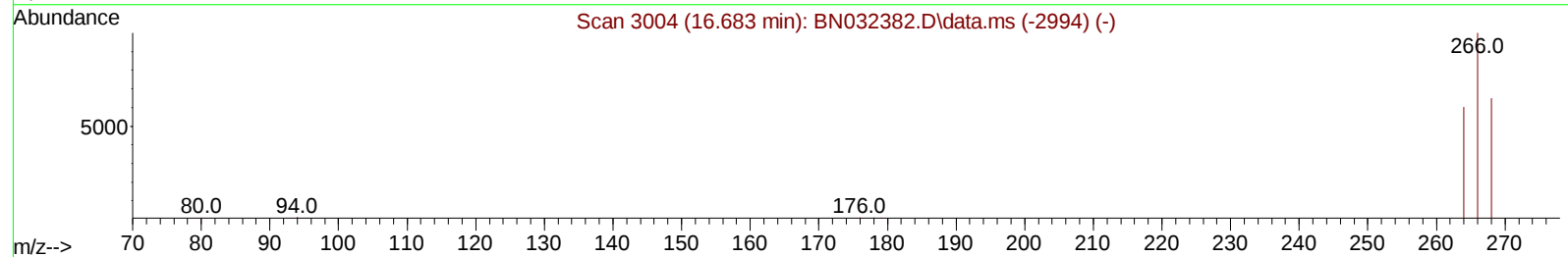
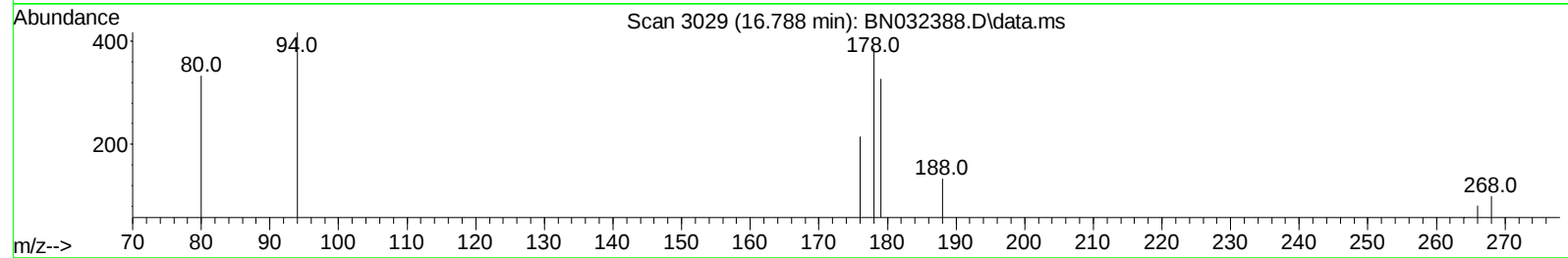
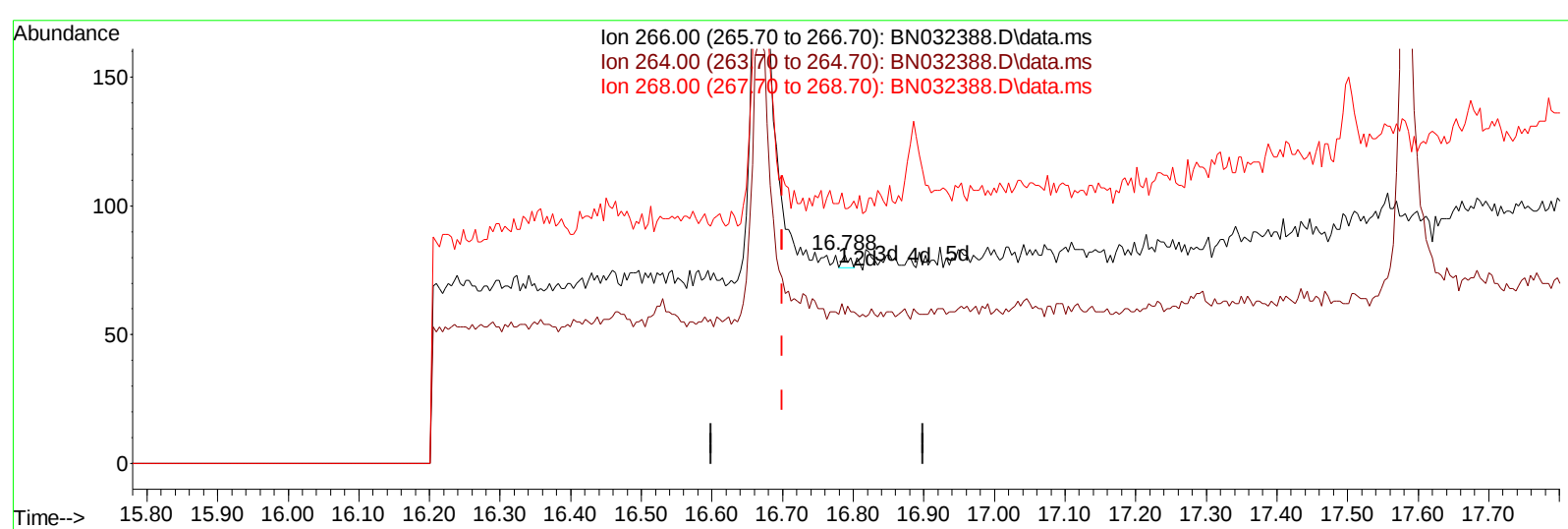
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
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TIC: BN032388.D\data.ms

(14) Pentachloropheno1

16.788min (+ 0.089) 0.00 ng/u1

response 4

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	200.00#
268.00	65.50	0.00#
0.00	0.00	0.00

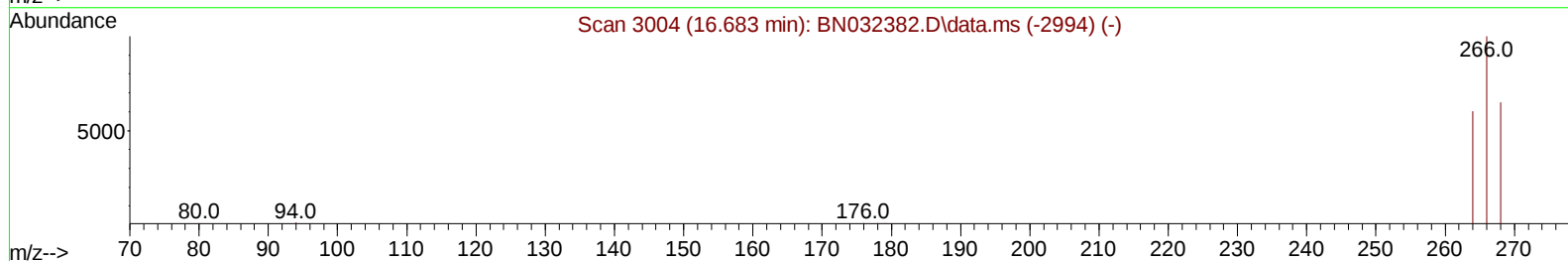
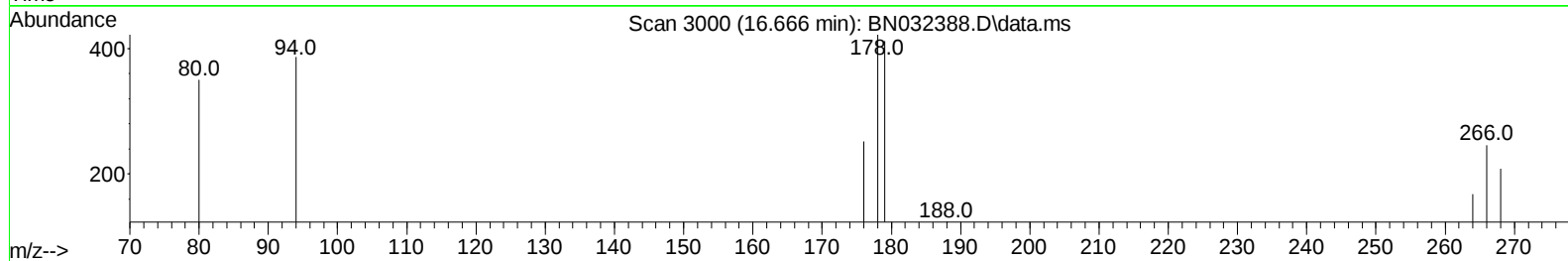
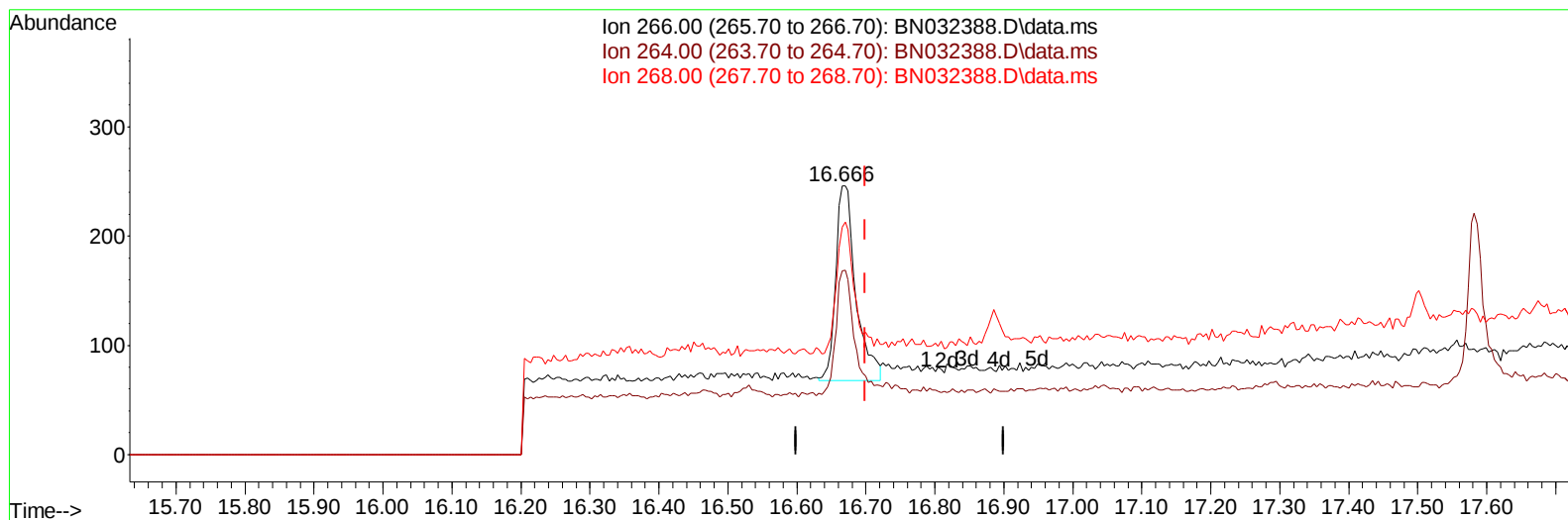
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(14) Pentachloropheno1

16.666min (-0.034) 0.05 ng/u1 m

response 360

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	2.22#
268.00	65.50	0.00#
0.00	0.00	0.00

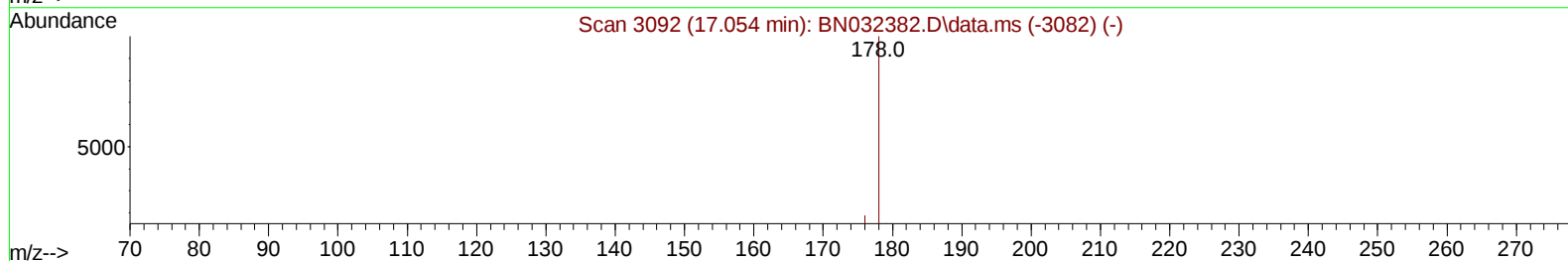
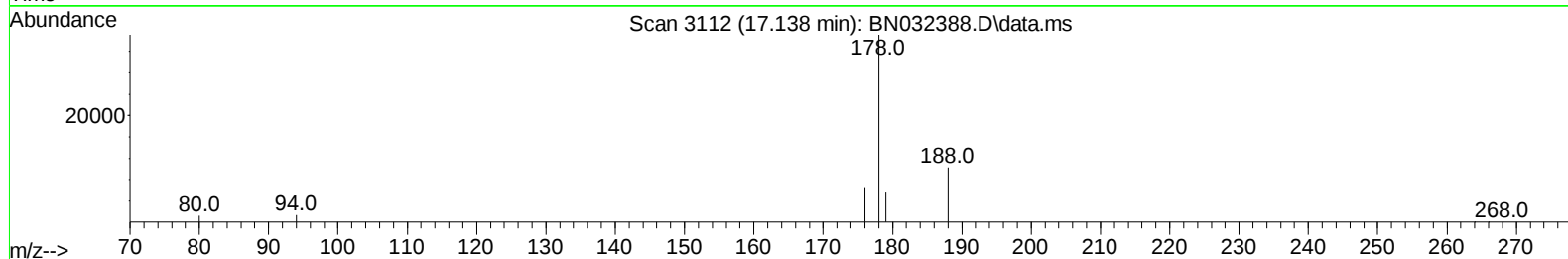
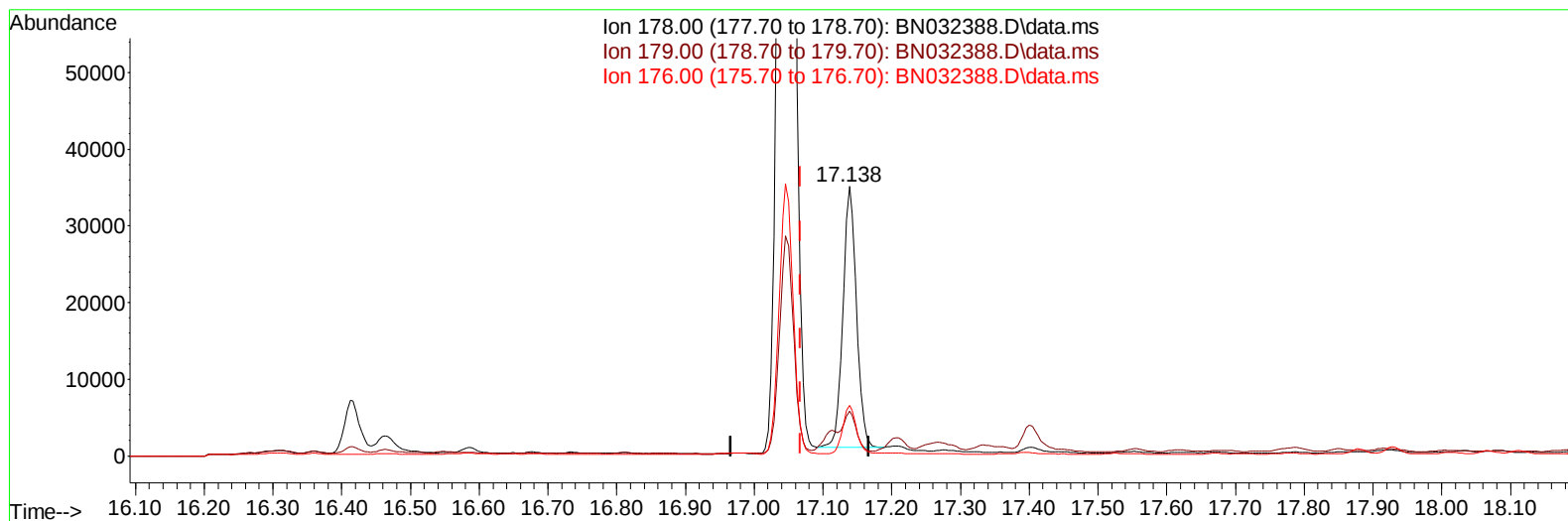
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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TIC: BN032388.D\data.ms

(15) Phenanthrene

17.138min (+ 0.072) 0.52 ng/u1

response 46568

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.53
176.00	19.50	18.77
0.00	0.00	0.00

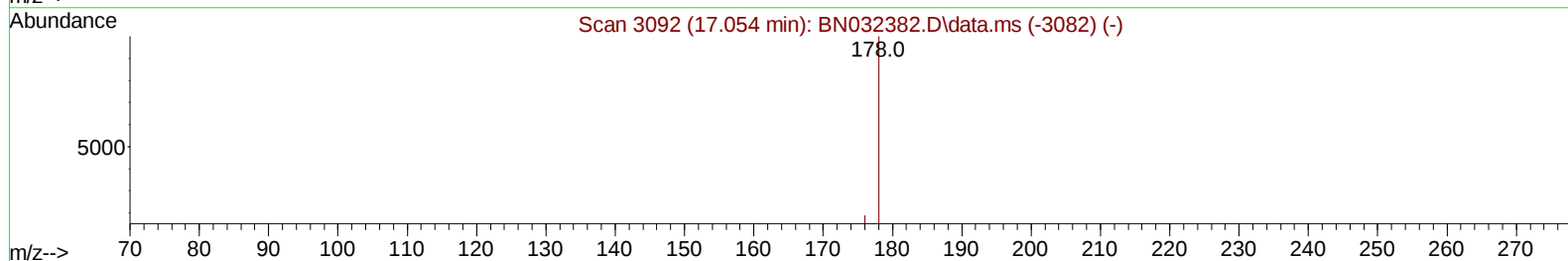
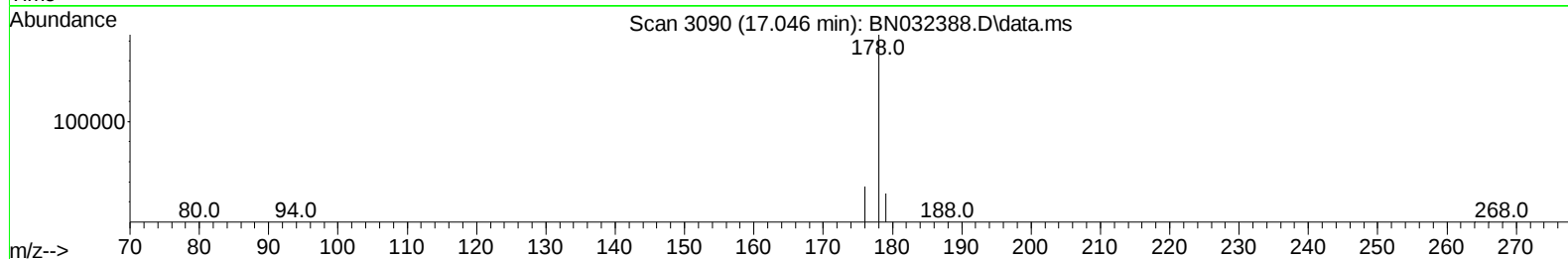
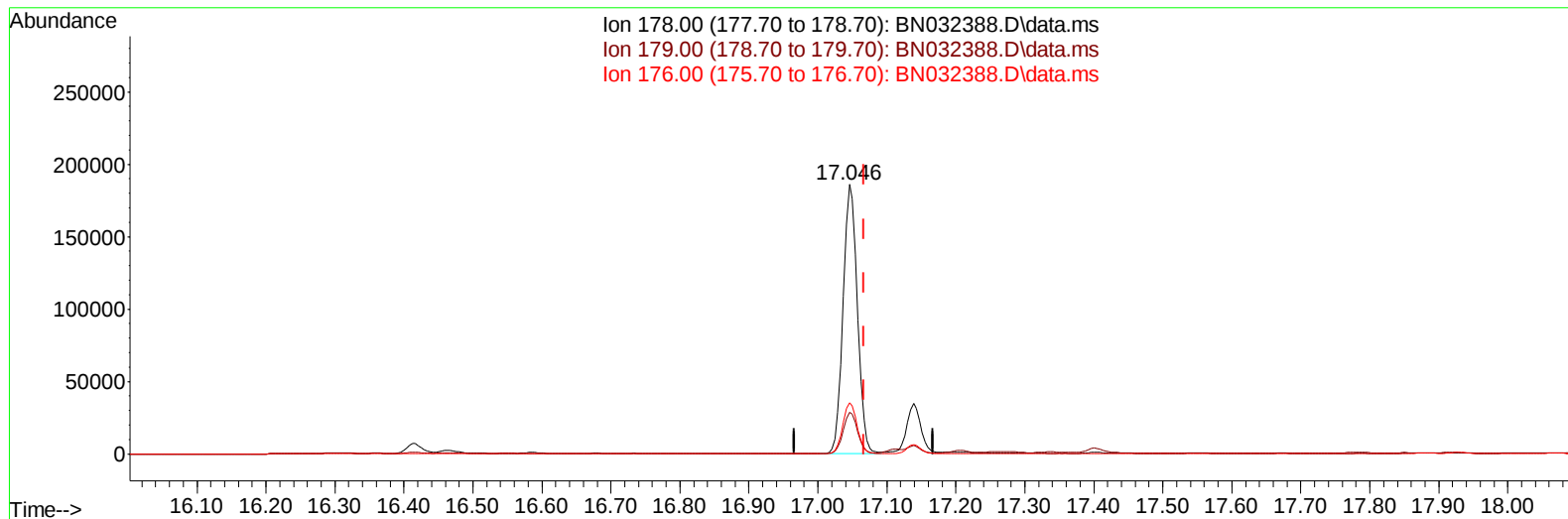
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
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TIC: BN032388.D\data.ms

(15) Phenanthrene

17.046min (-0.021) 2.99 ng/u1 m

response 266756

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.43
176.00	19.50	19.07
0.00	0.00	0.00

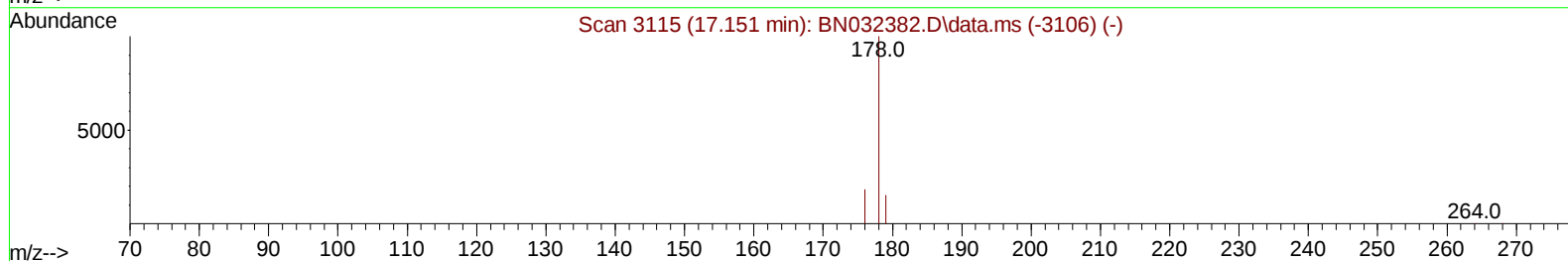
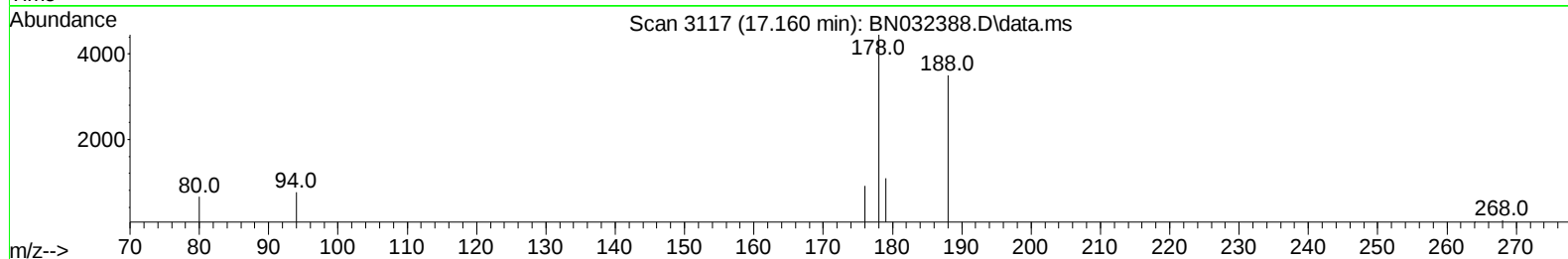
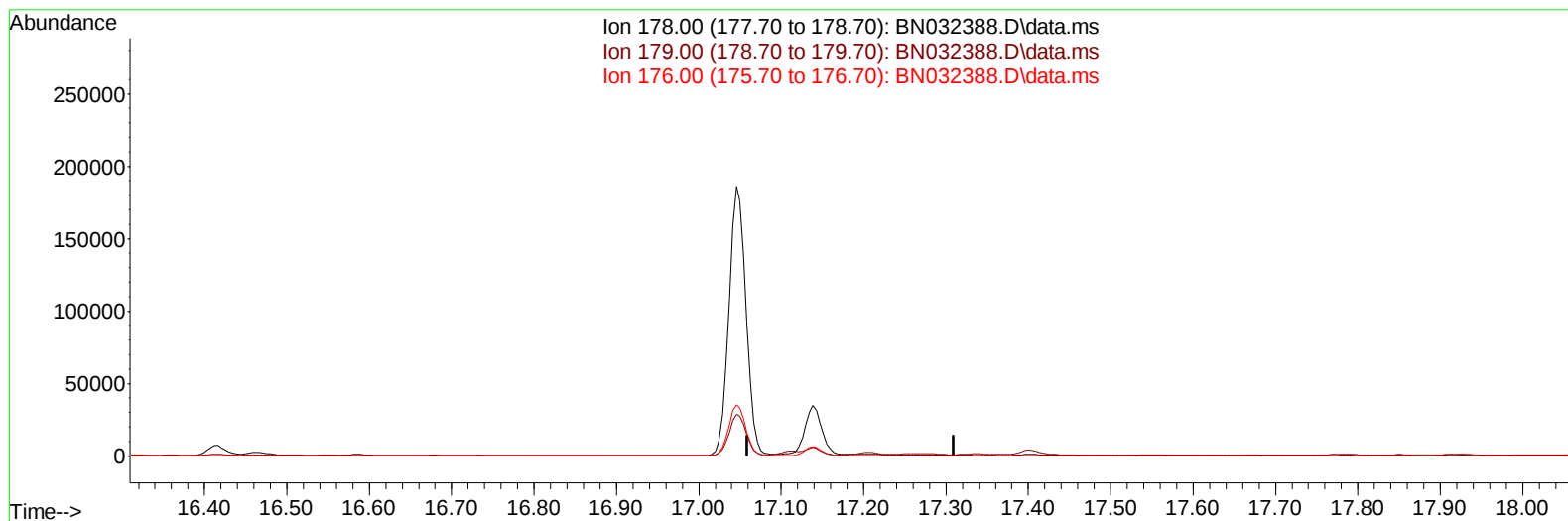
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/u1

response 0

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

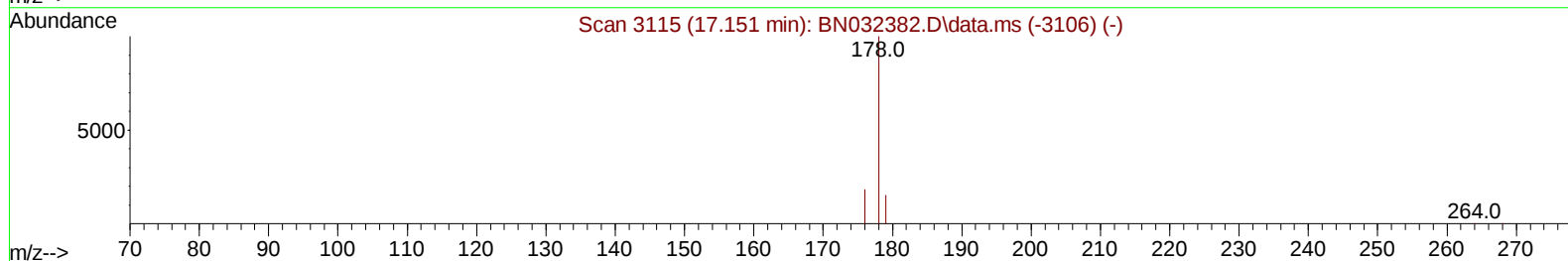
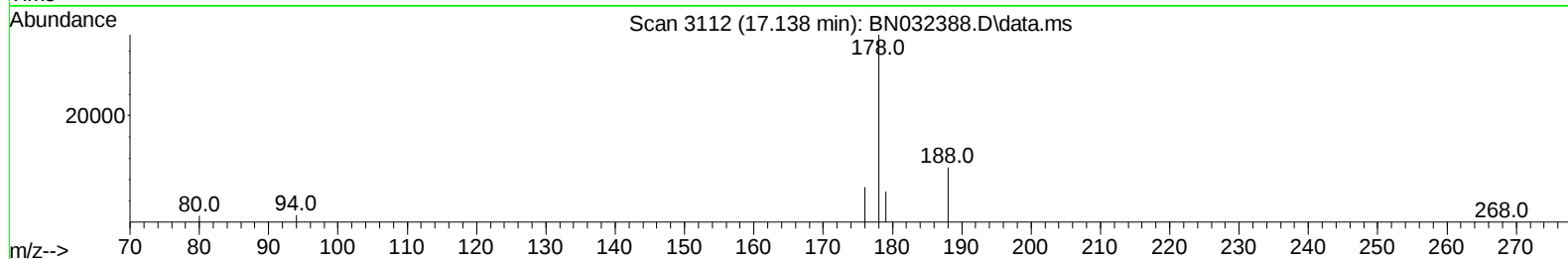
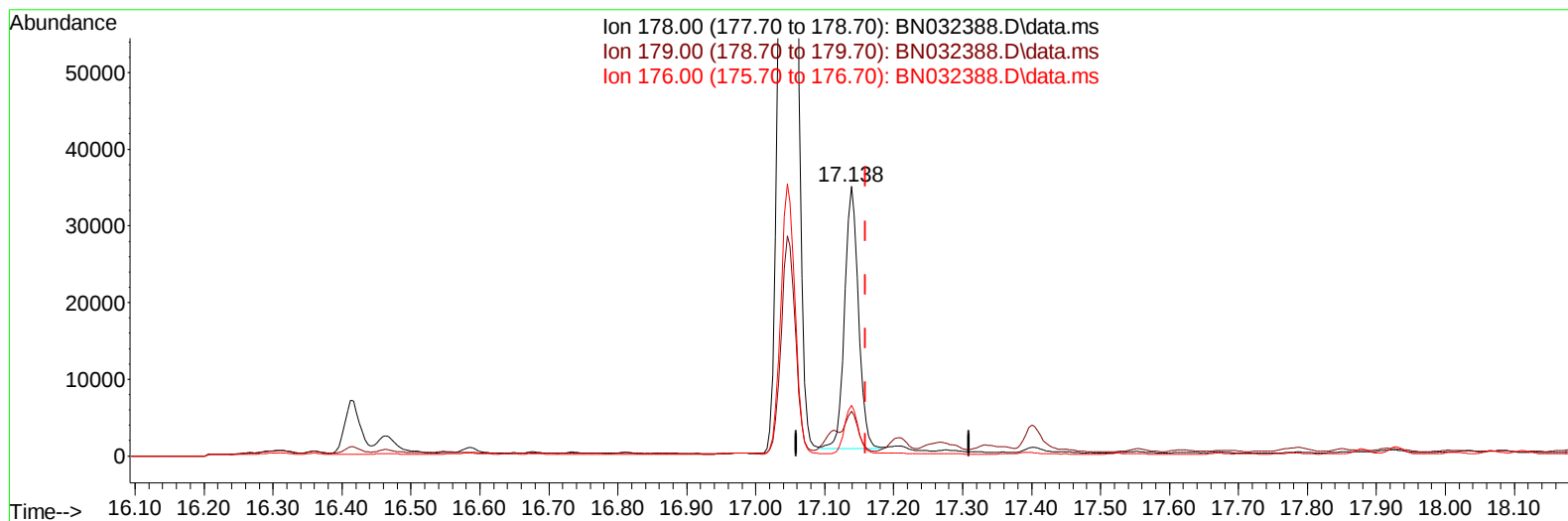
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(16) Anthracene

17.138min (-0.021) 0.60 ng/u1 m

response 47524

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.53
176.00	18.80	18.77
0.00	0.00	0.00

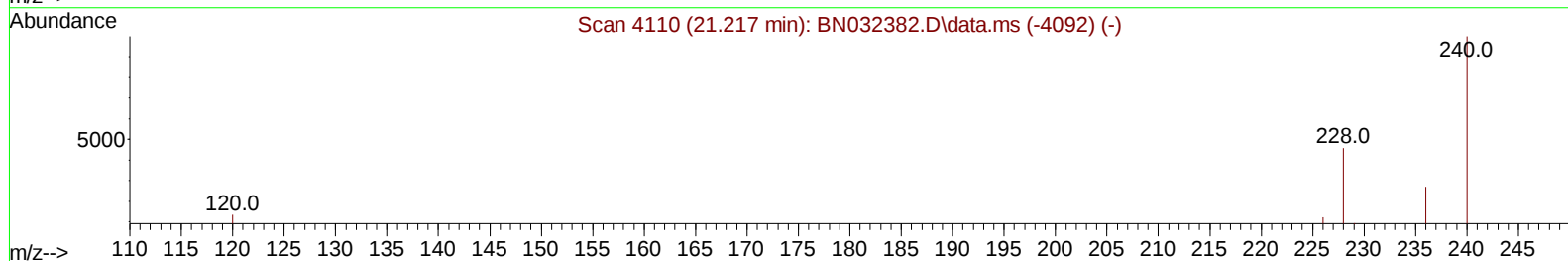
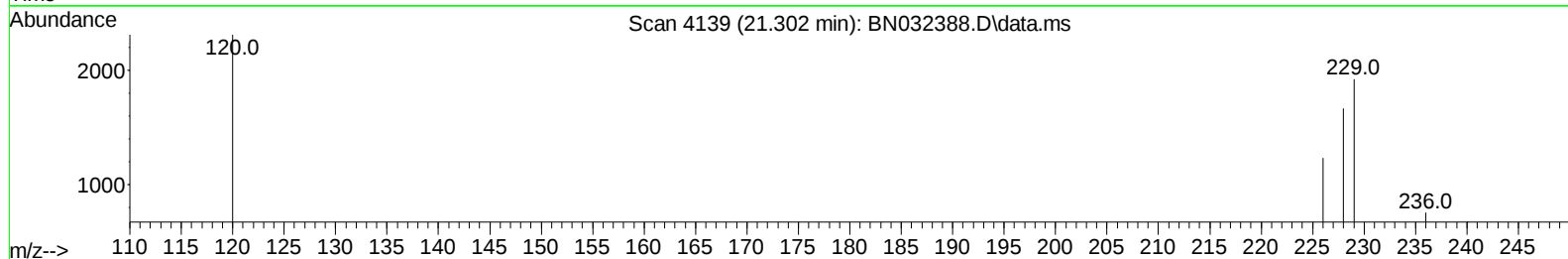
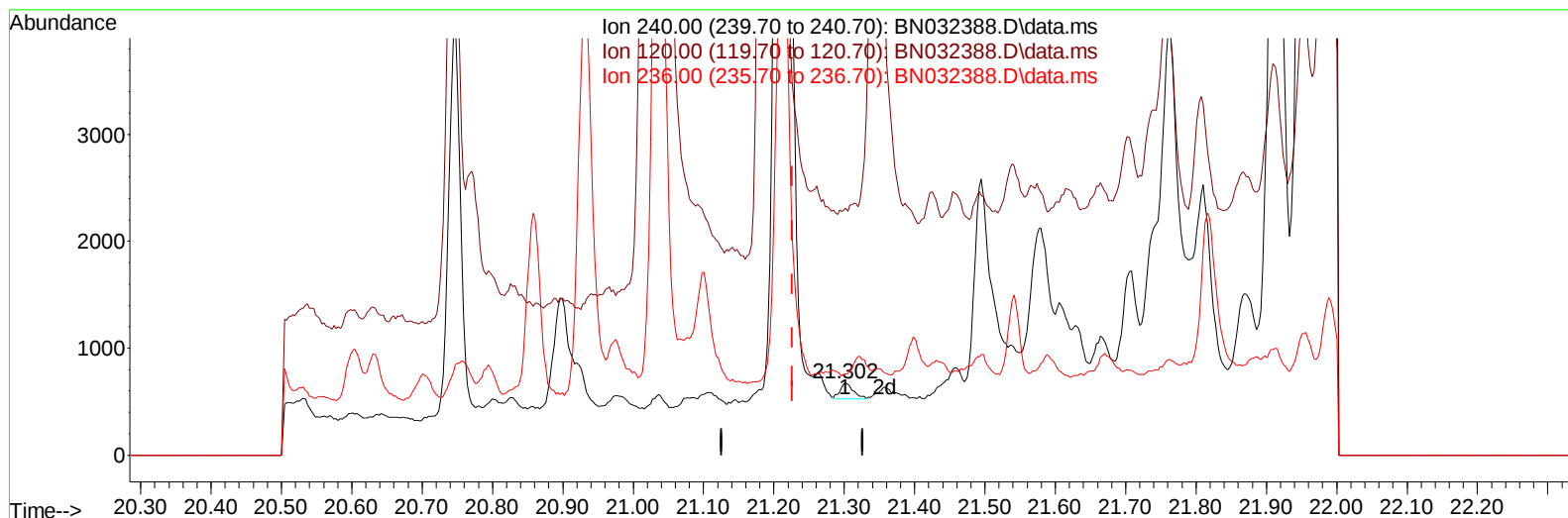
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032388.D\data.ms

(17) Chrysene-d12

21.302min (+ 0.076) 0.40 ng/u1

response 187

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	343.09#
236.00	28.40	112.33#
0.00	0.00	0.00

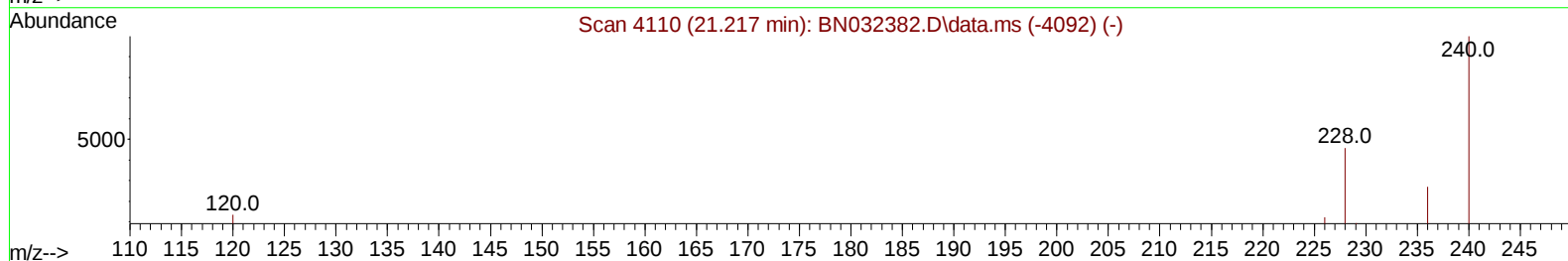
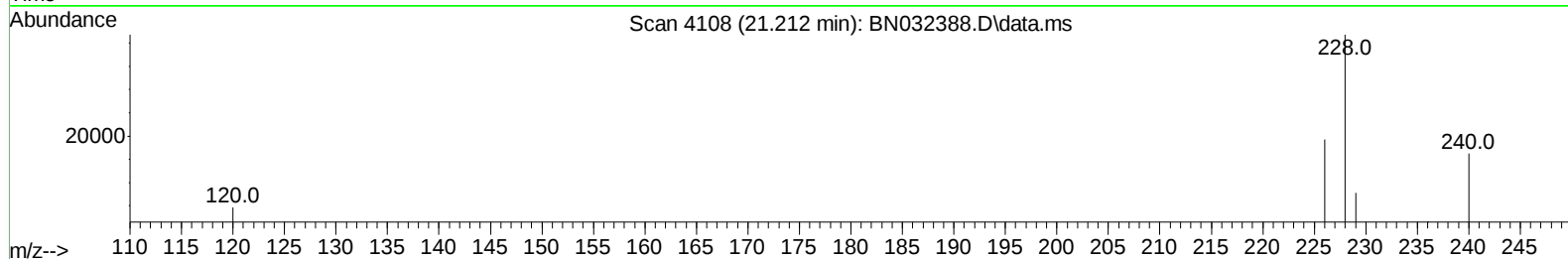
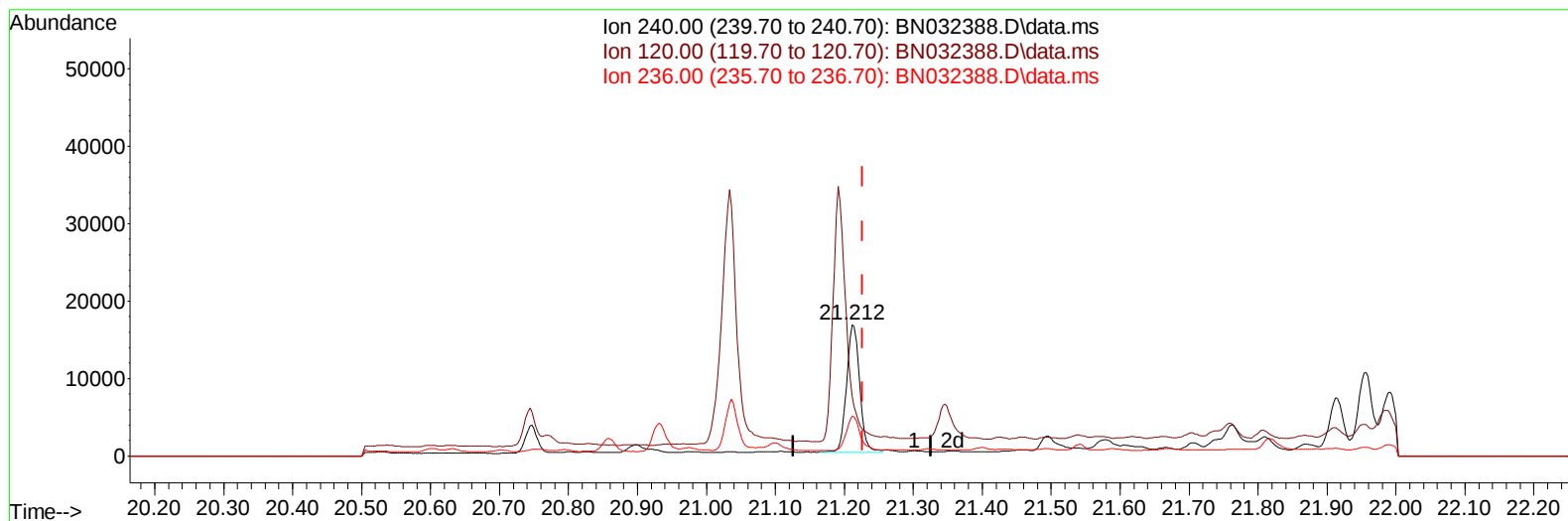
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(17) Chrysene-d12

21.212min (-0.015) 0.40 ng/u1 m

response 21705

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	45.20#
236.00	28.40	30.31
0.00	0.00	0.00

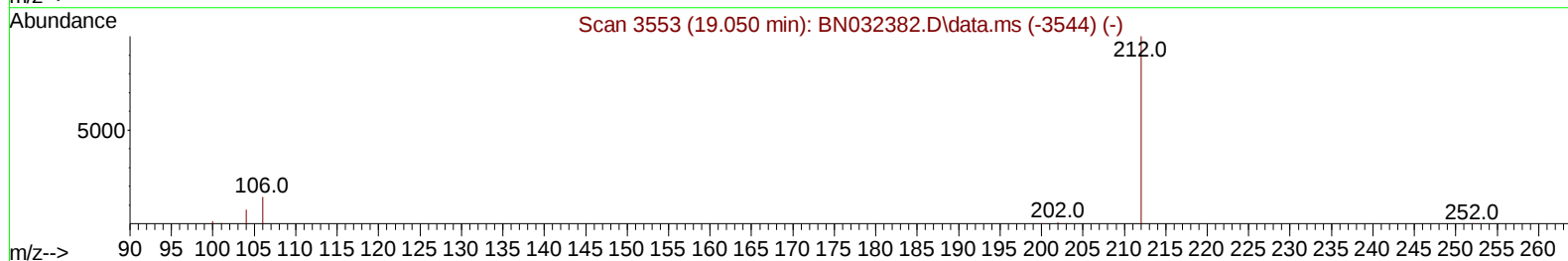
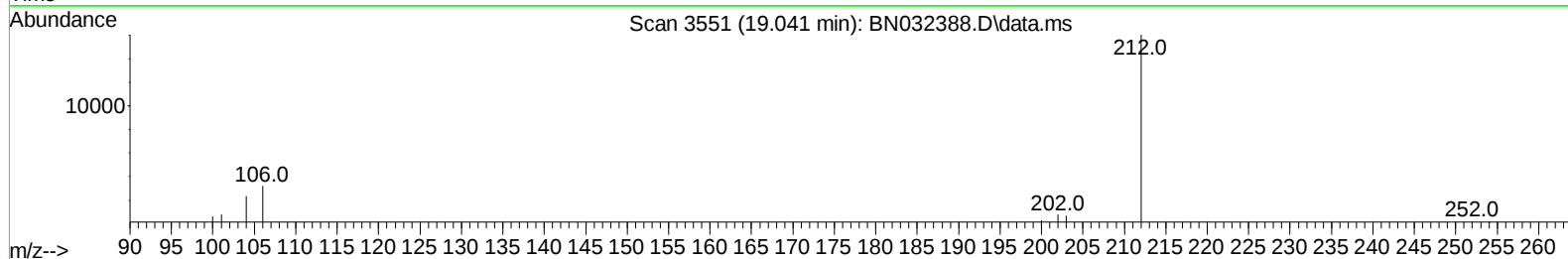
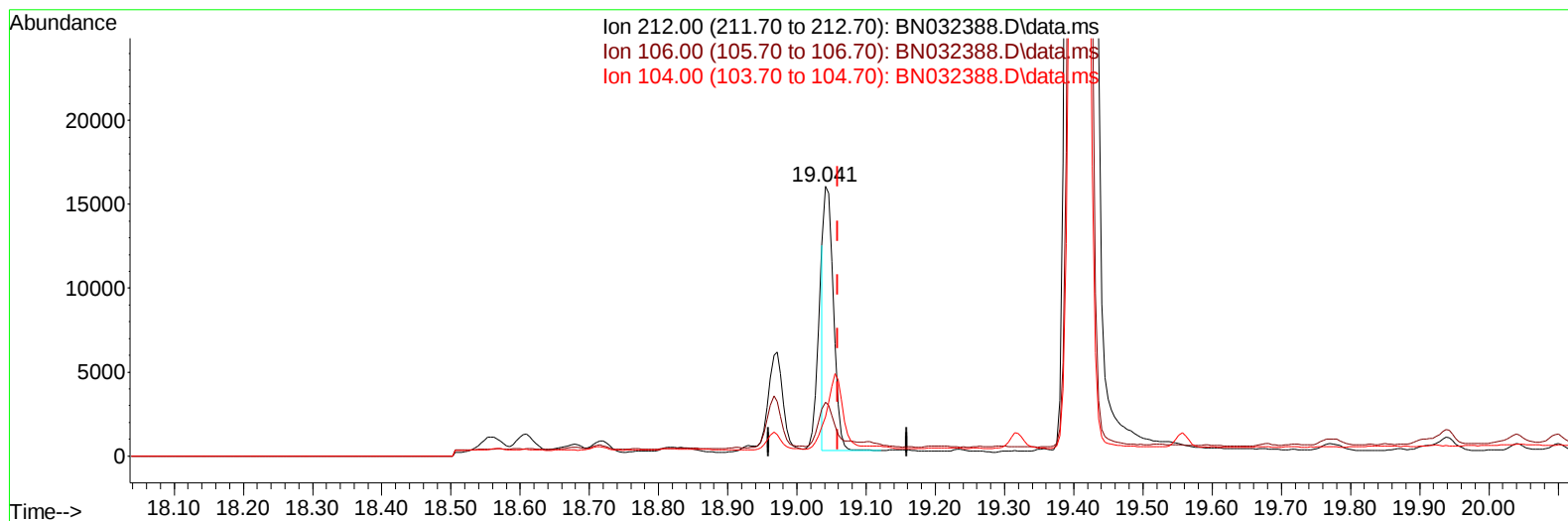
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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TIC: BN032388.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.019) 0.23 ng/u1

response 14805

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	25.36#
104.00	8.40	46.63#
0.00	0.00	0.00

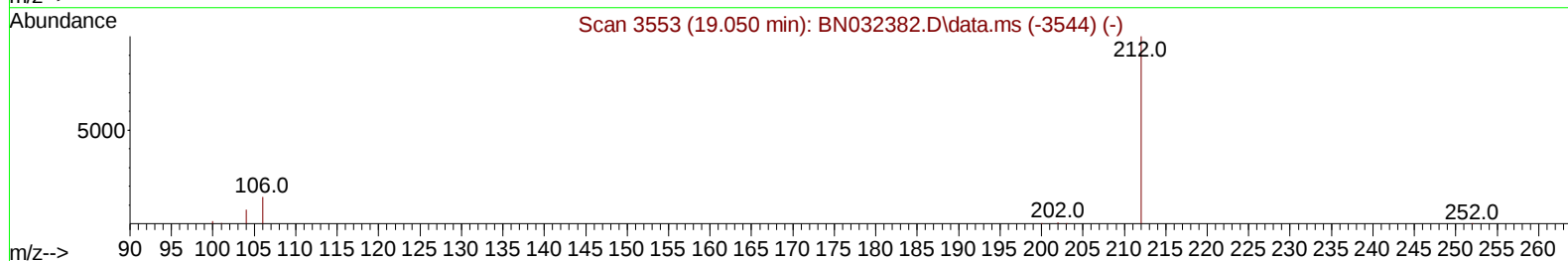
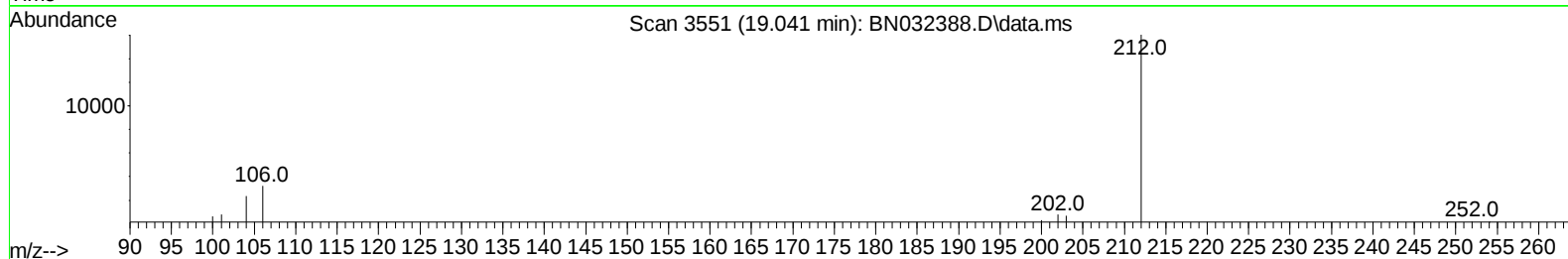
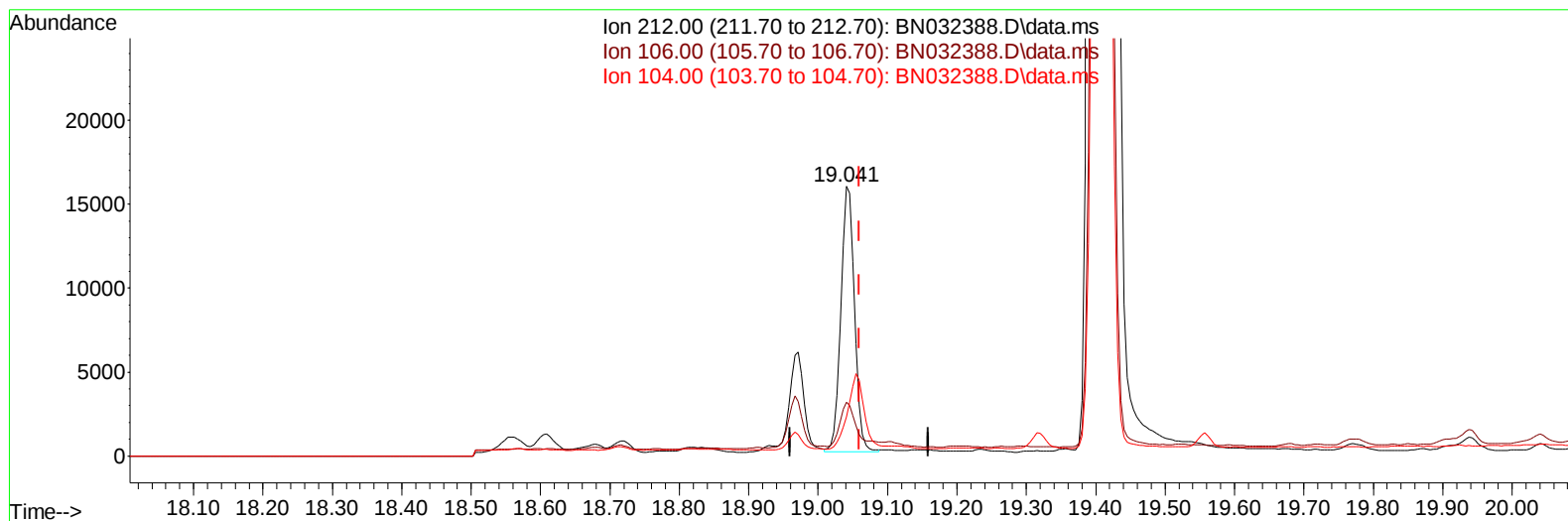
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.019) 0.33 ng/u1 m

response 21878

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	17.16
104.00	8.40	31.56#
0.00	0.00	0.00

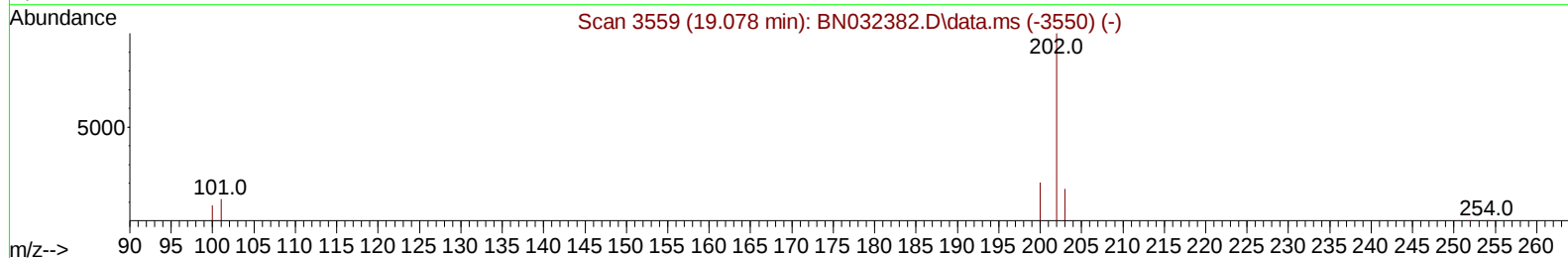
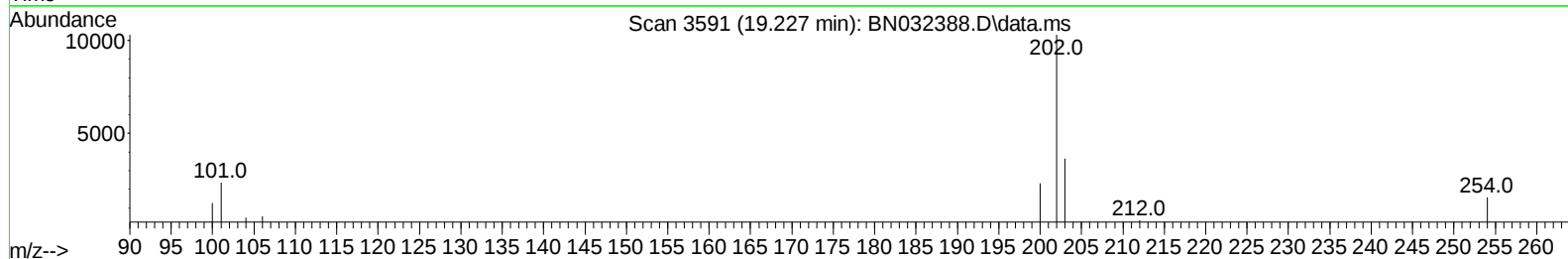
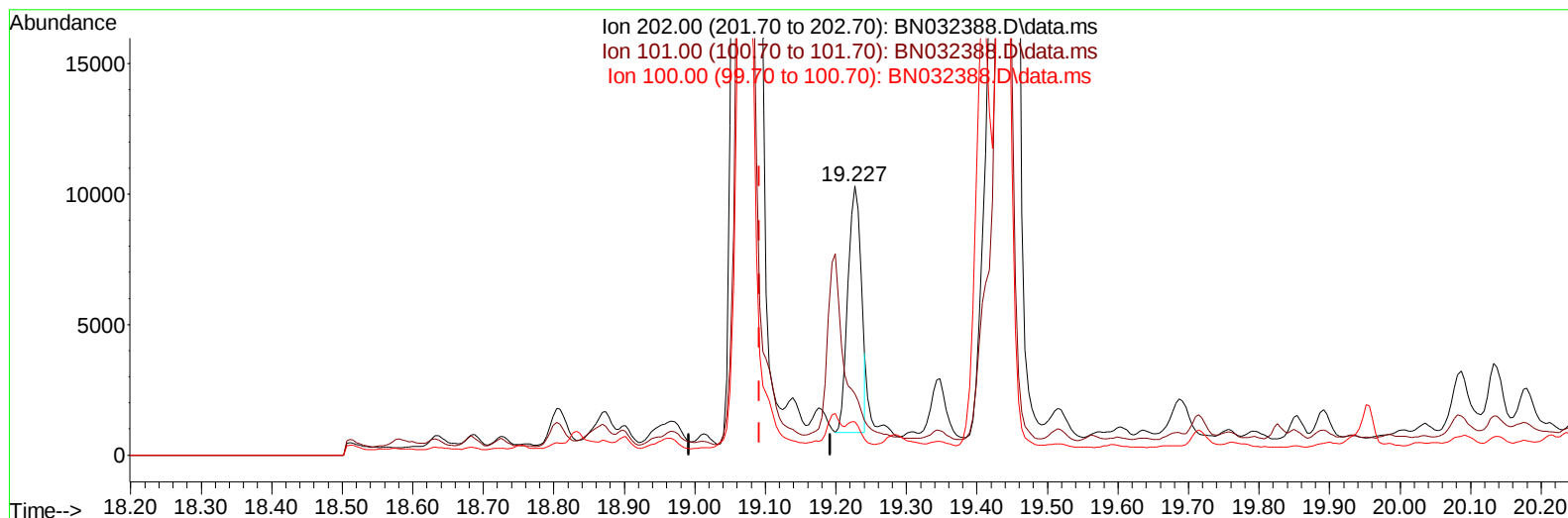
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(19) Fluoranthene (C)

19.227min (+ 0.135) 0.15 ng/u1

response 12538

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	22.89#
100.00	8.00	12.38#
0.00	0.00	0.00

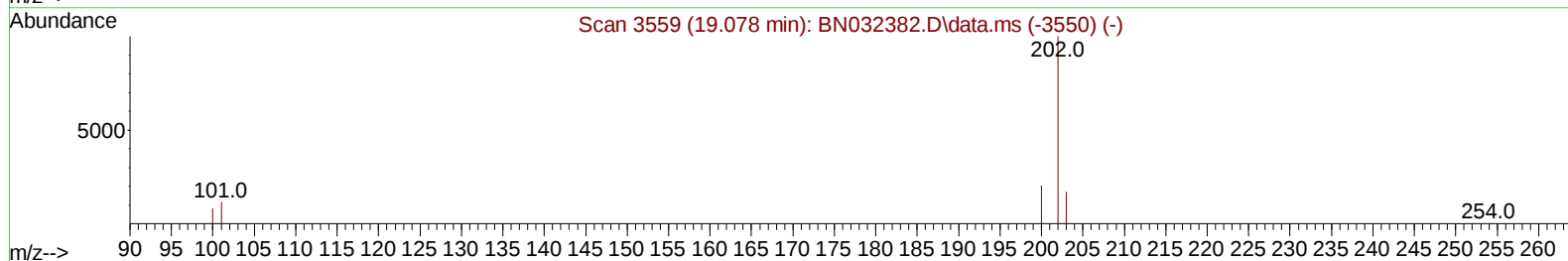
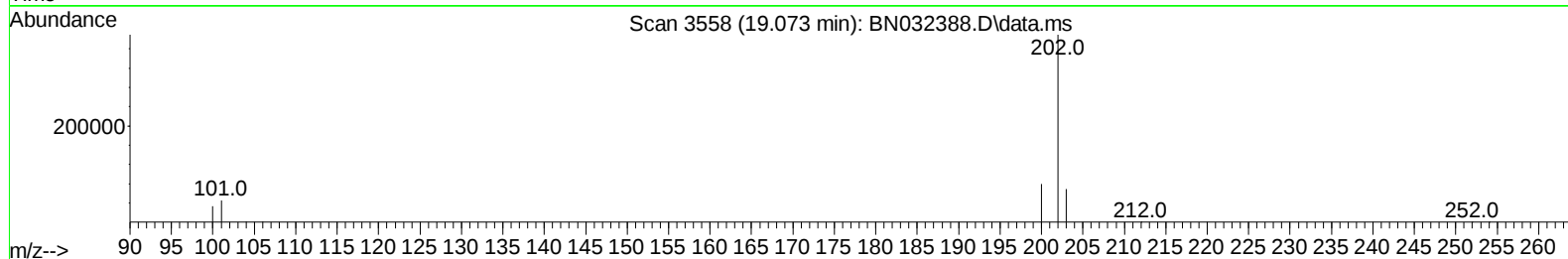
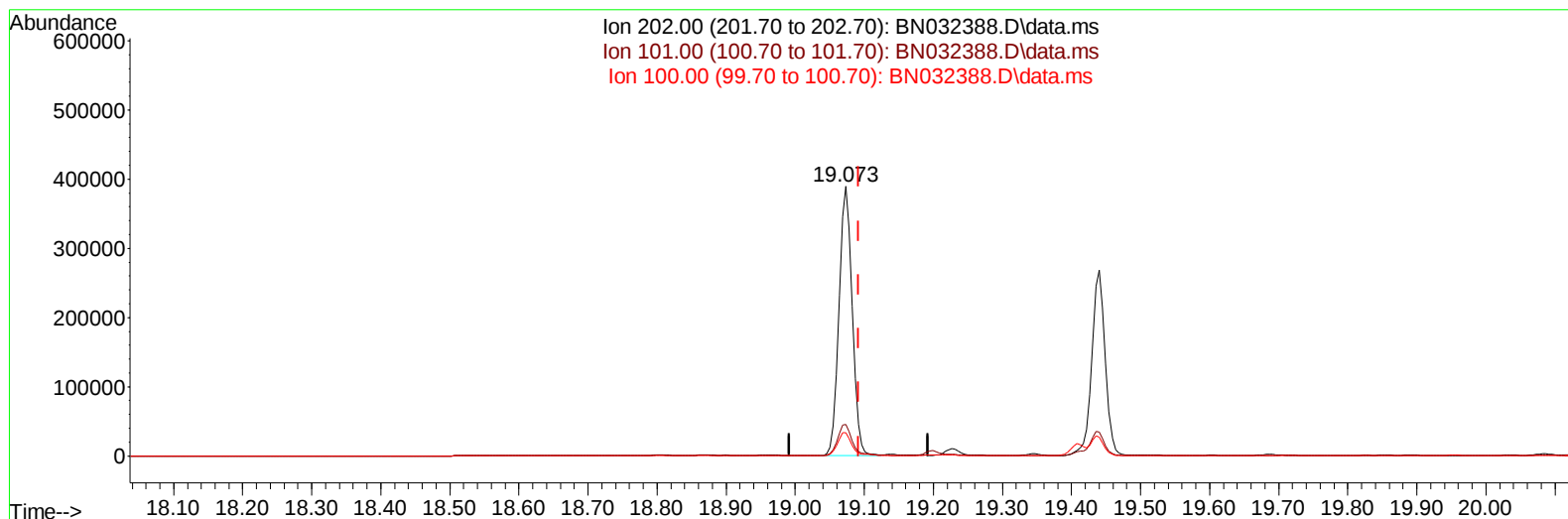
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.019) 6.32 ng/ul m

response 522564

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.72
100.00	8.00	8.61
0.00	0.00	0.00

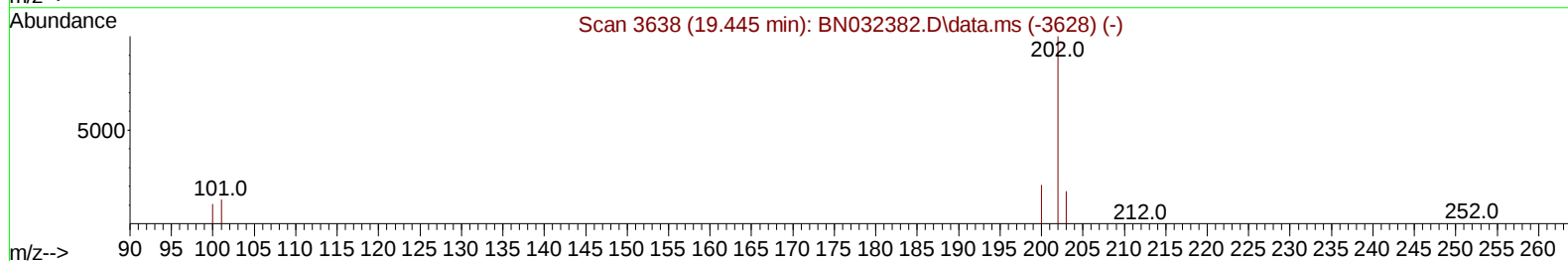
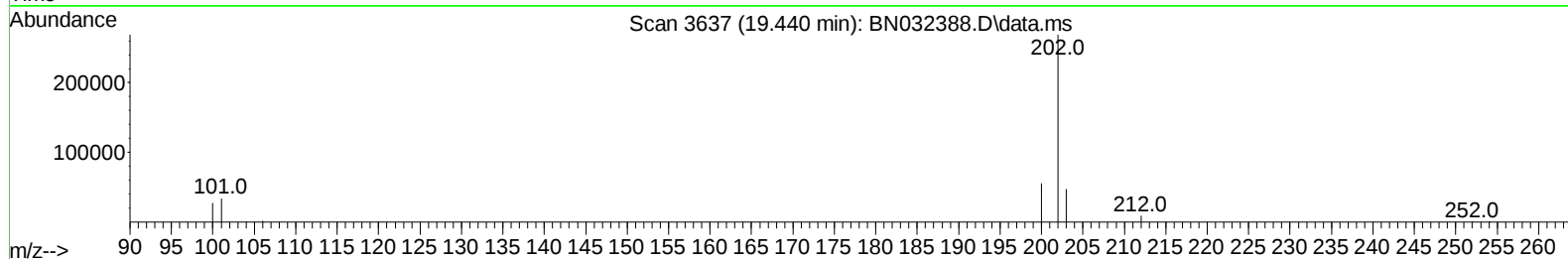
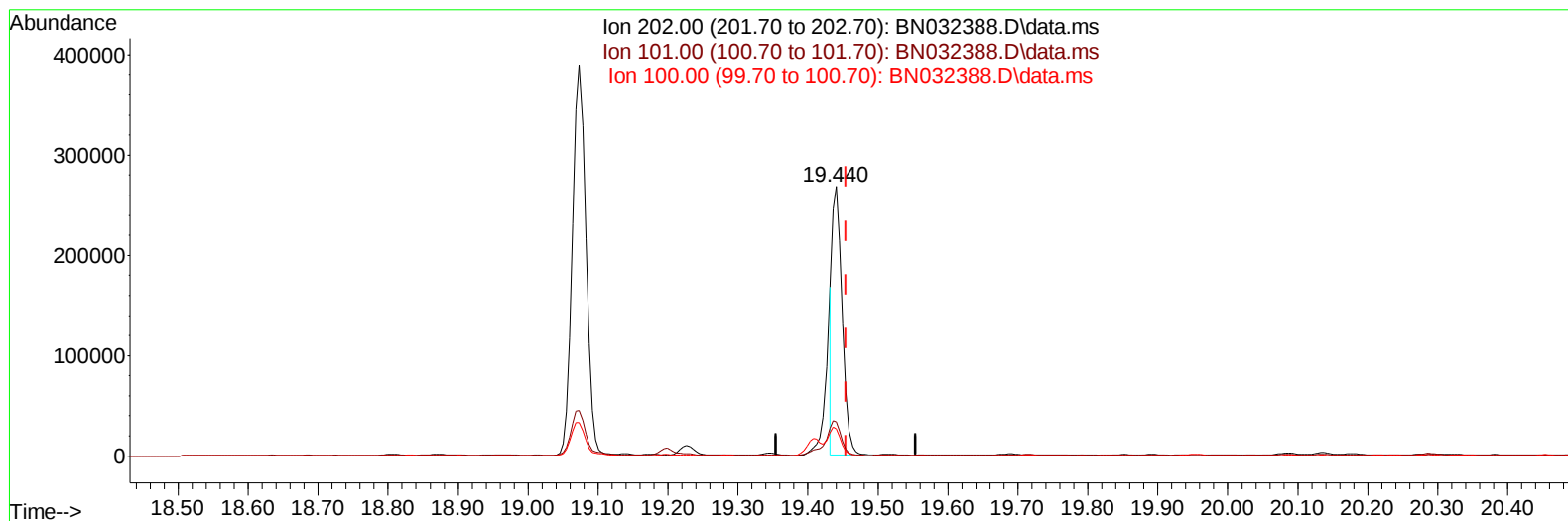
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(20) Pyrene

19.440min (-0.014) 3.09 ng/u1

response 266747

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.71
100.00	10.90	10.12
0.00	0.00	0.00

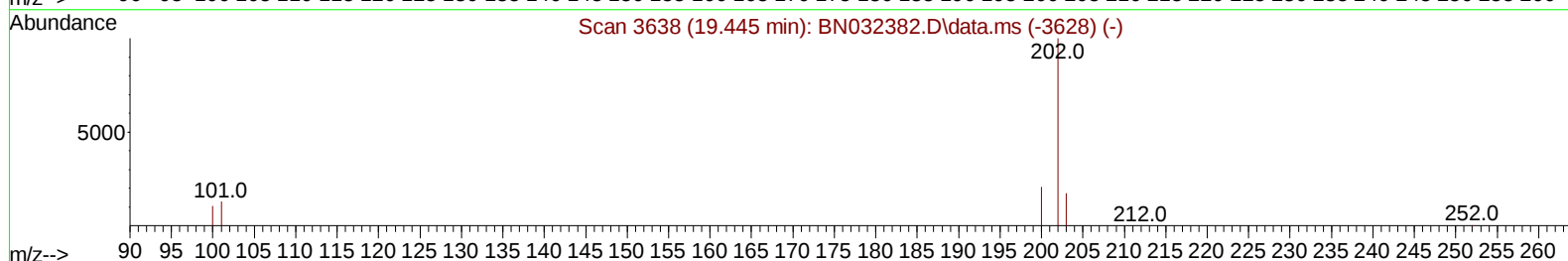
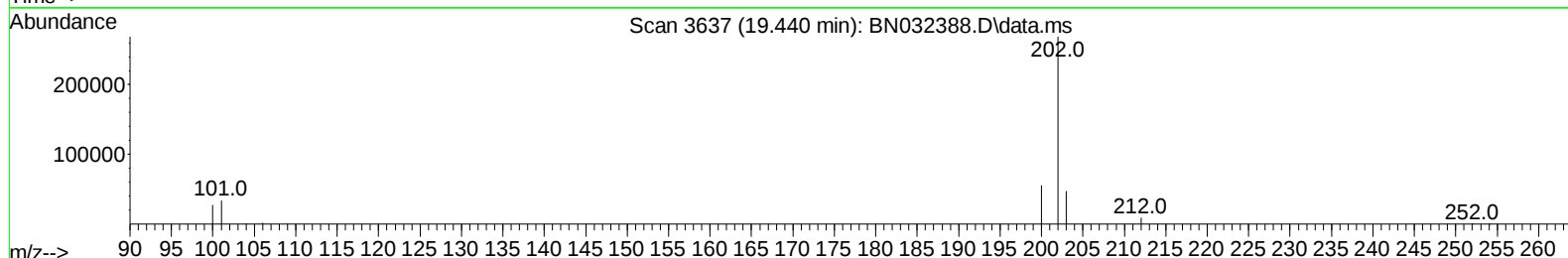
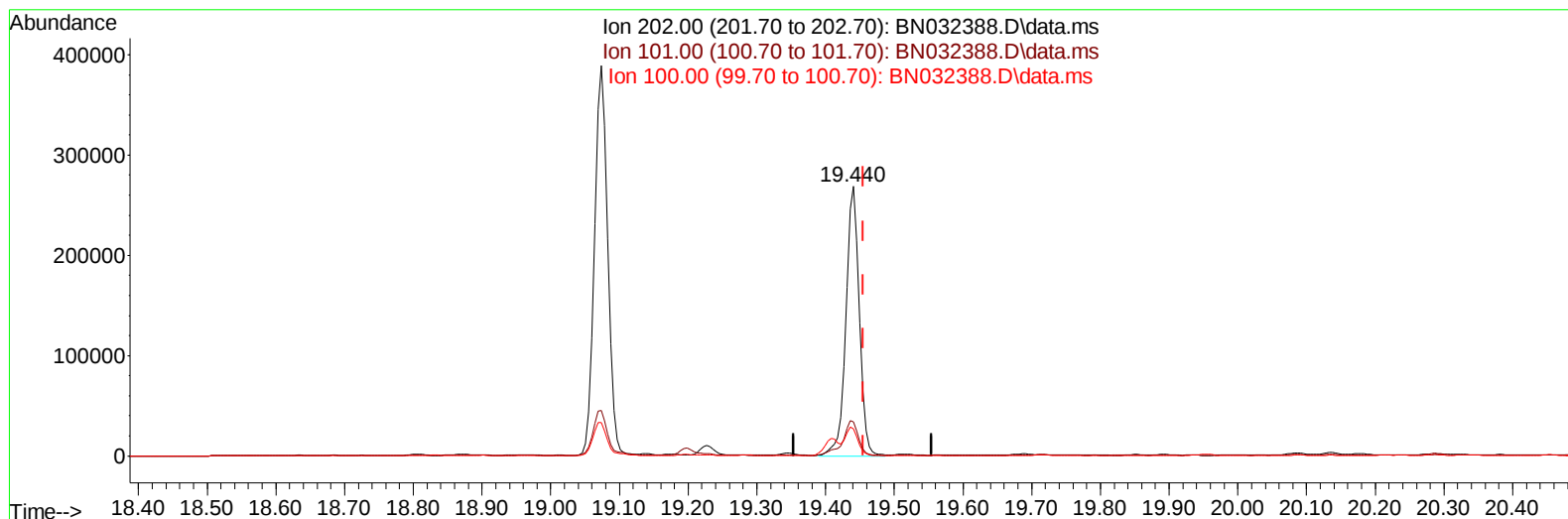
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(20) Pyrene

19.440min (-0.014) 4.24 ng/ul m

response 366222

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.71
100.00	10.90	10.12
0.00	0.00	0.00

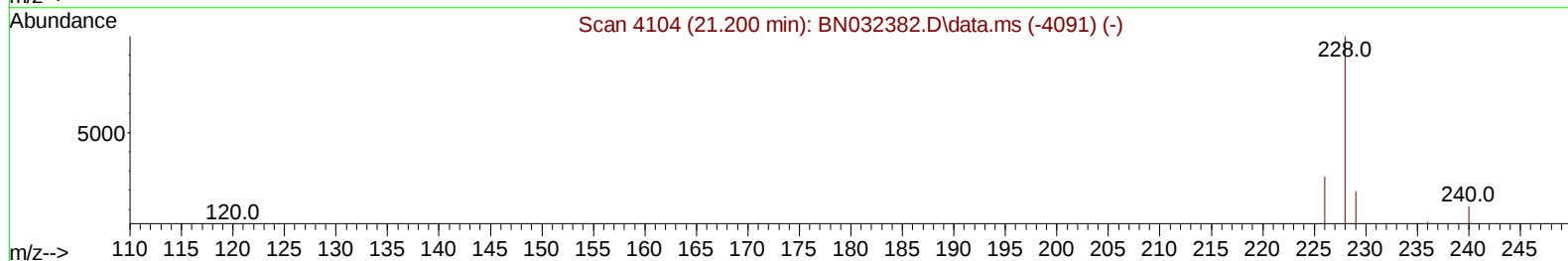
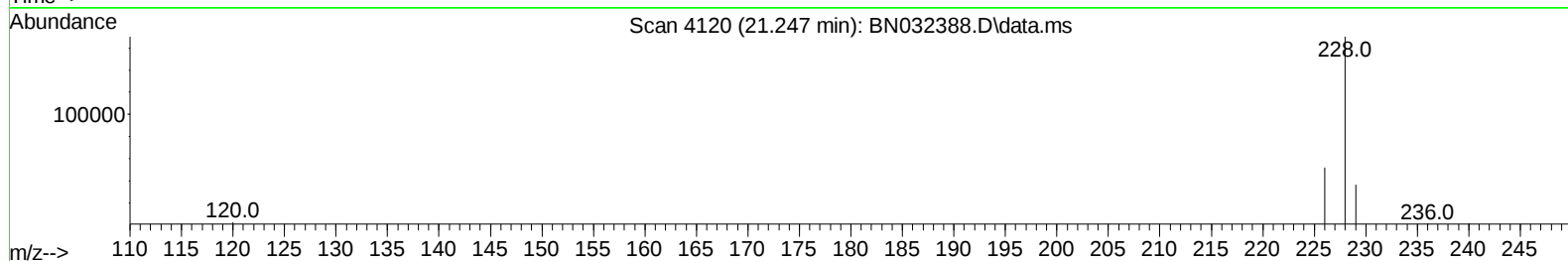
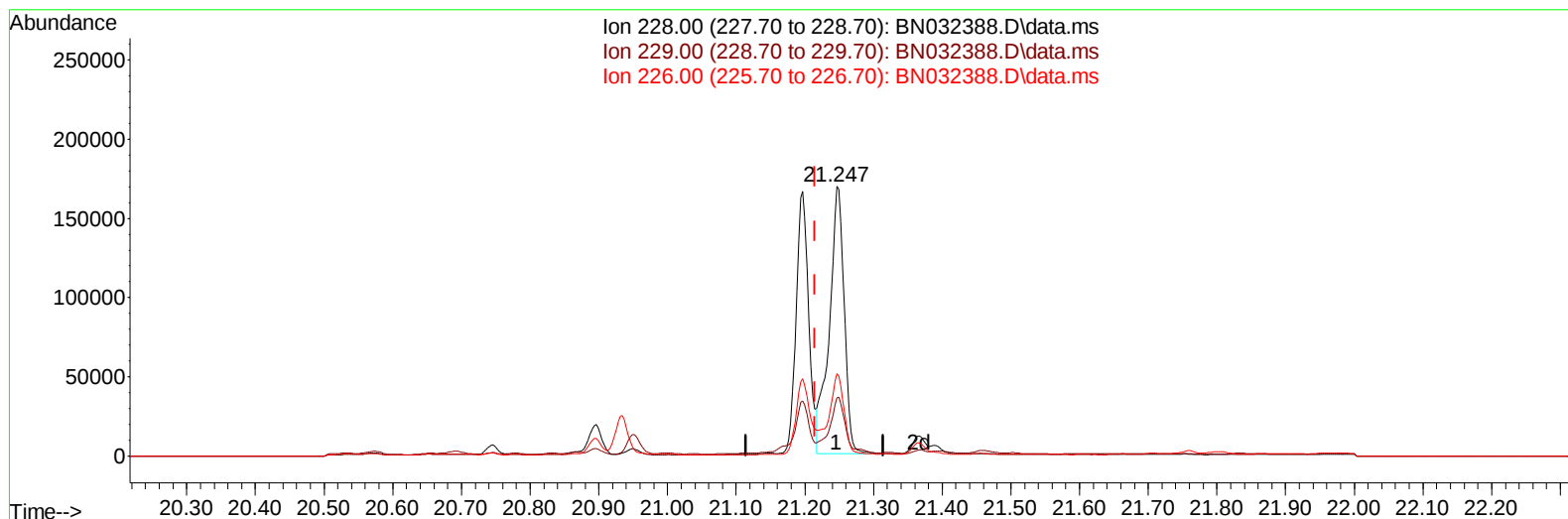
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(21) Benzo(a)anthracene

21.247min (+ 0.032) 3.25 ng/u1

response 254253

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.51
226.00	27.30	30.66
0.00	0.00	0.00

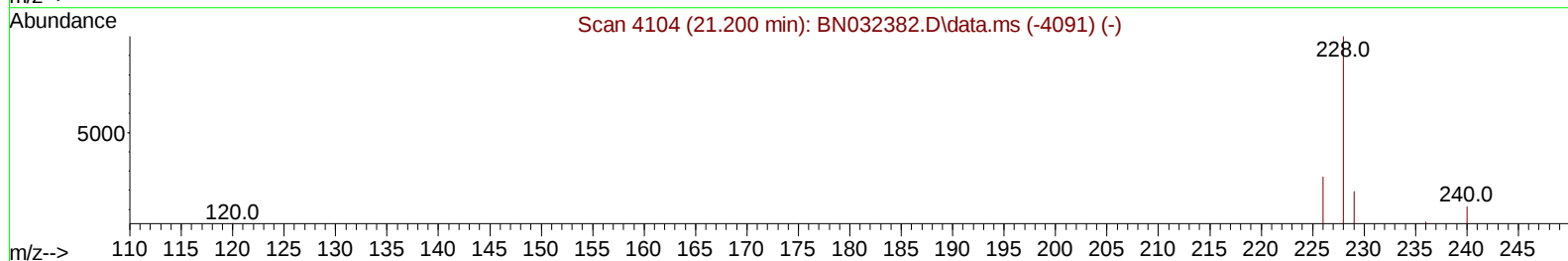
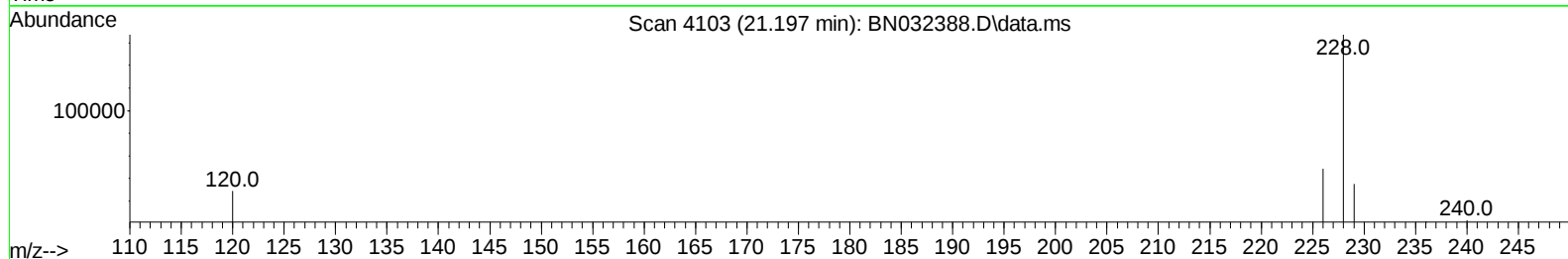
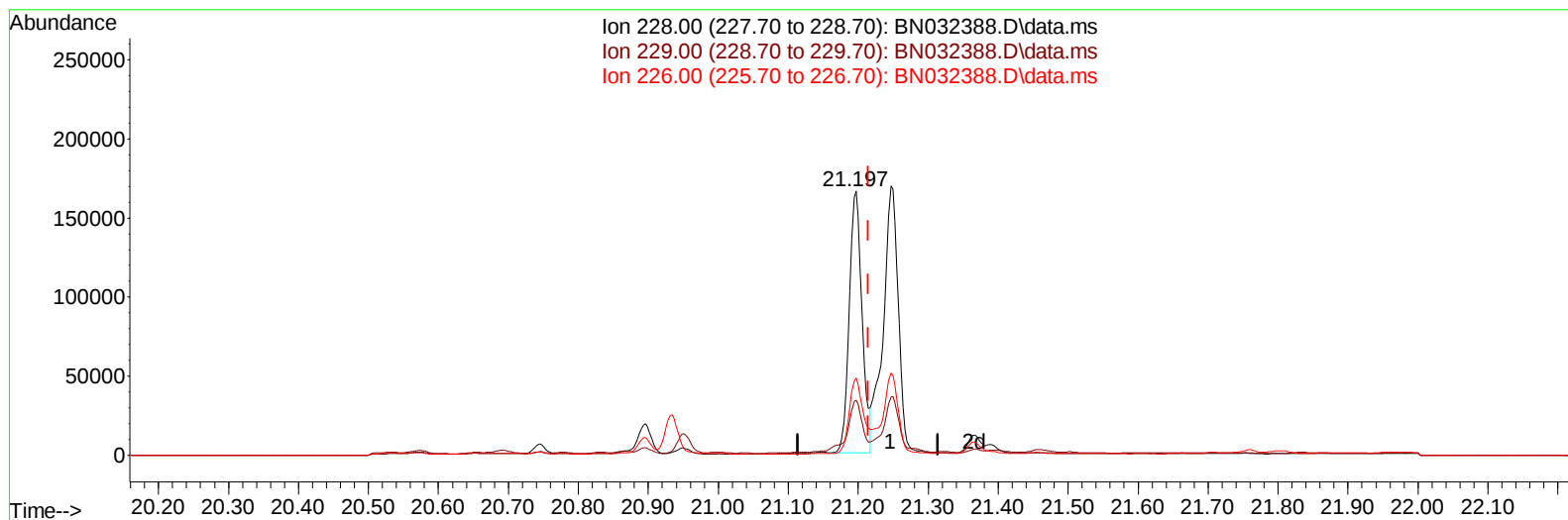
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(21) Benzo(a)anthracene

21.197min (-0.018) 2.70 ng/u1 m

response 211259

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.90
226.00	27.30	29.10
0.00	0.00	0.00

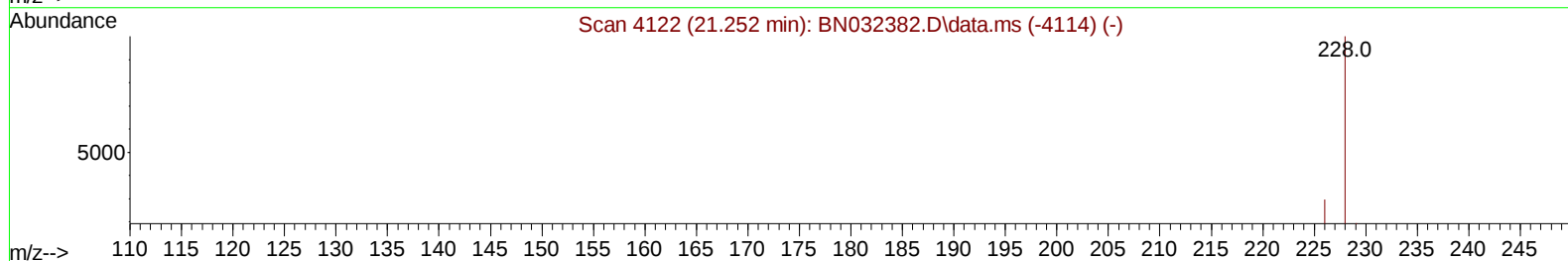
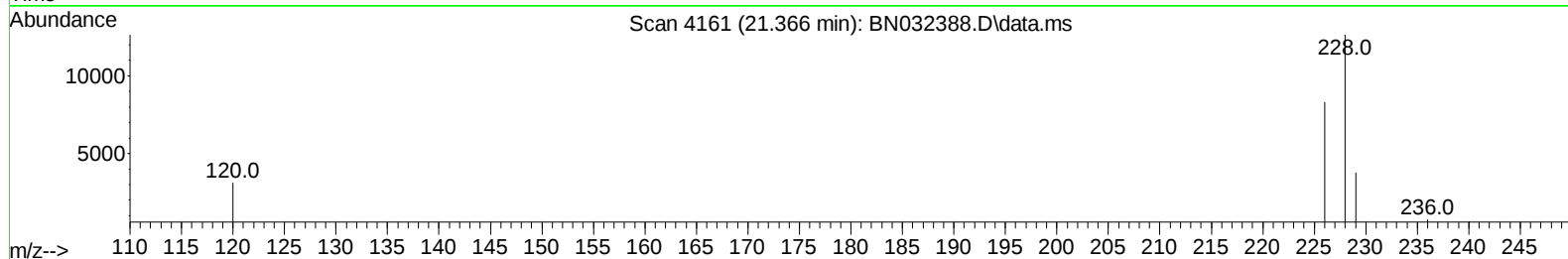
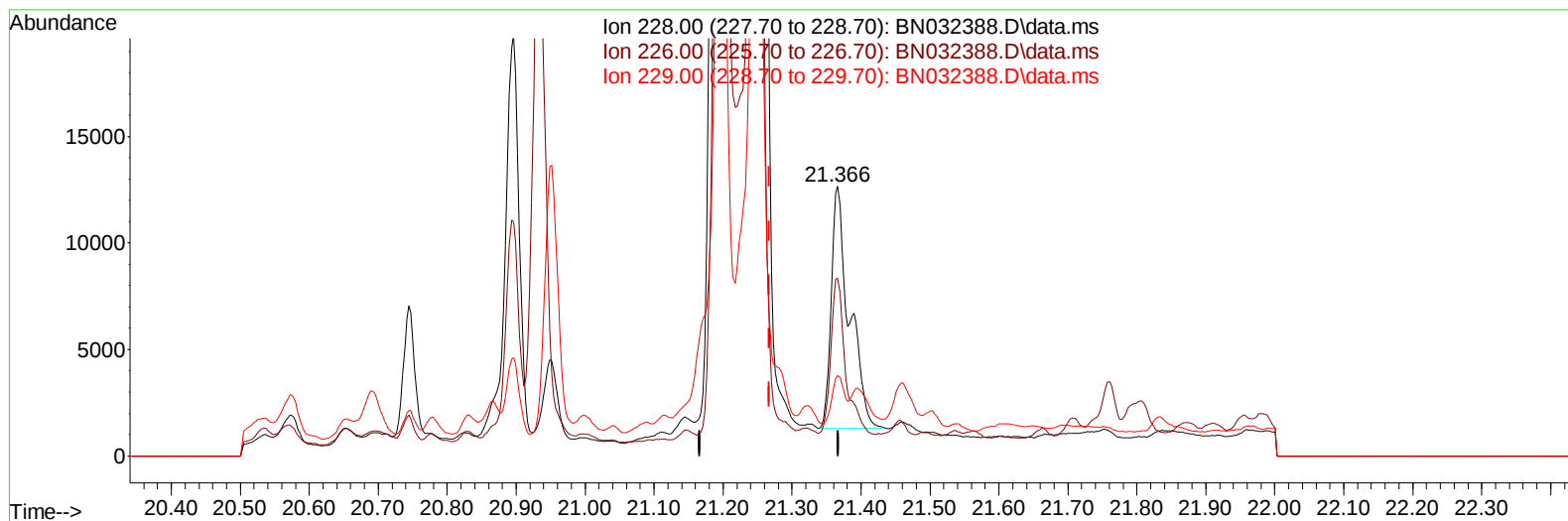
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(22) Chrysene

21.366min (+ 0.099) 0.24 ng/u1

response 20710

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	65.79#
229.00	19.60	29.80#
0.00	0.00	0.00

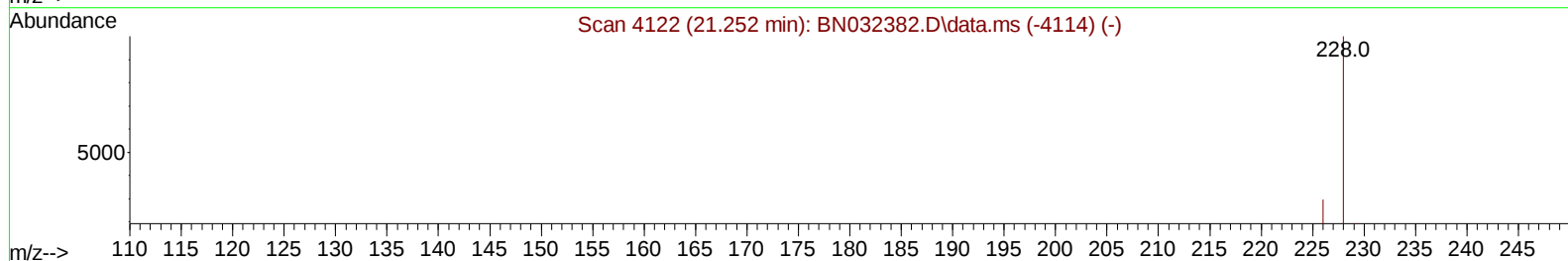
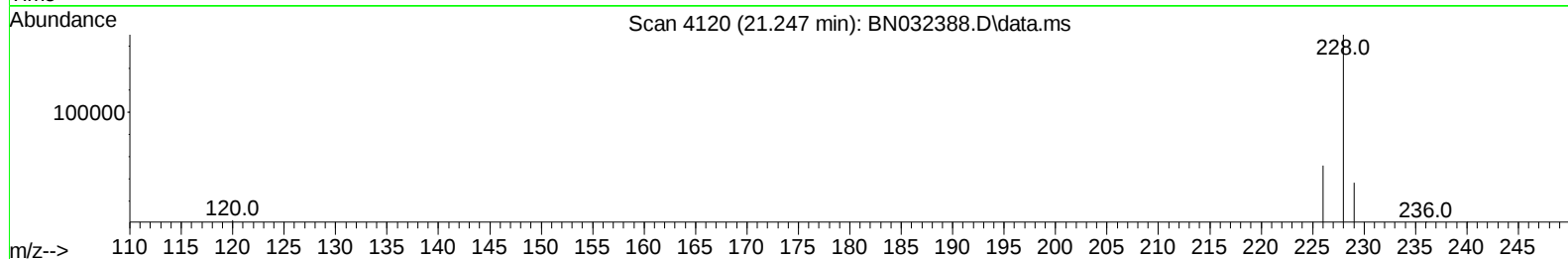
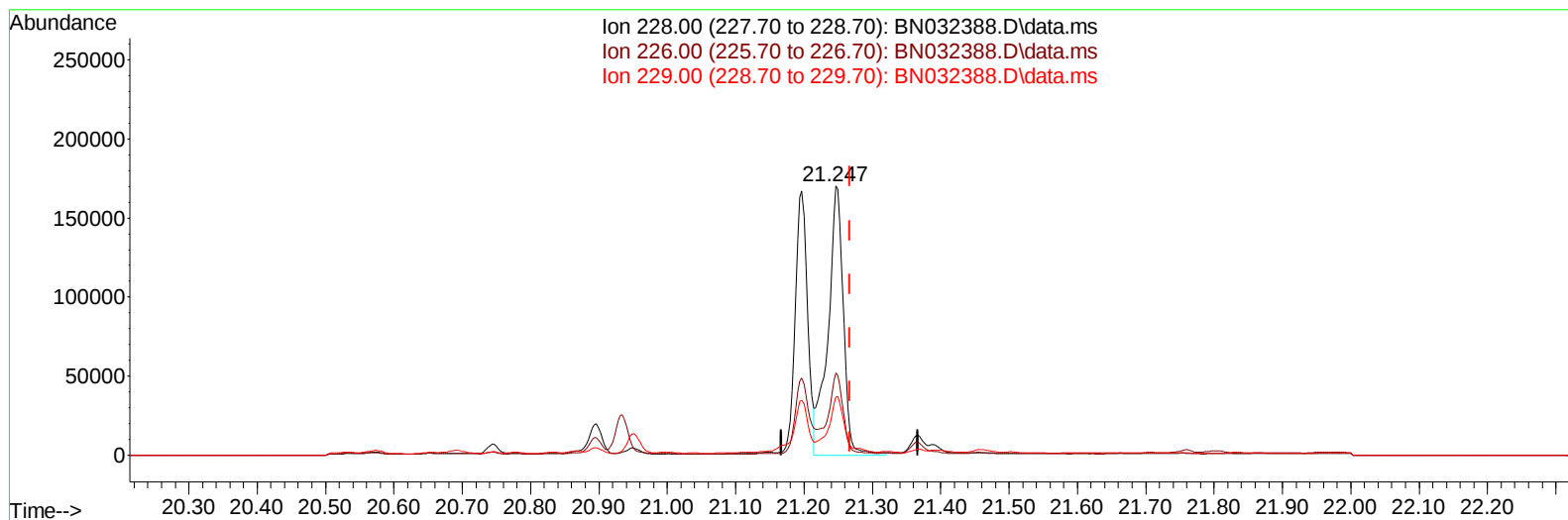
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032388.D\data.ms

(22) Chrysene

21.247min (-0.020) 3.12 ng/u1 m

response 268305

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.66
229.00	19.60	21.51
0.00	0.00	0.00

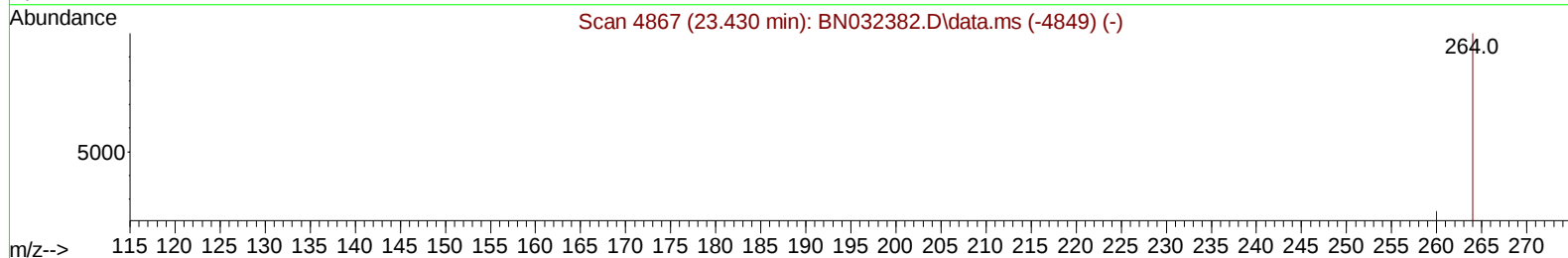
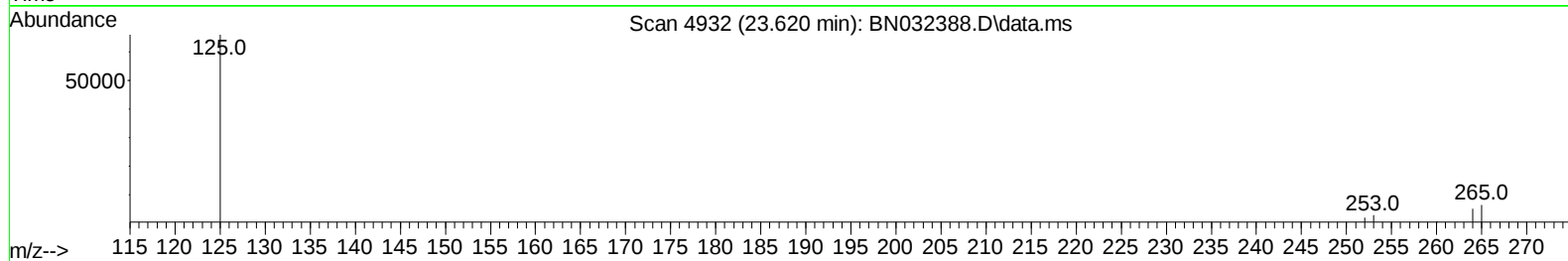
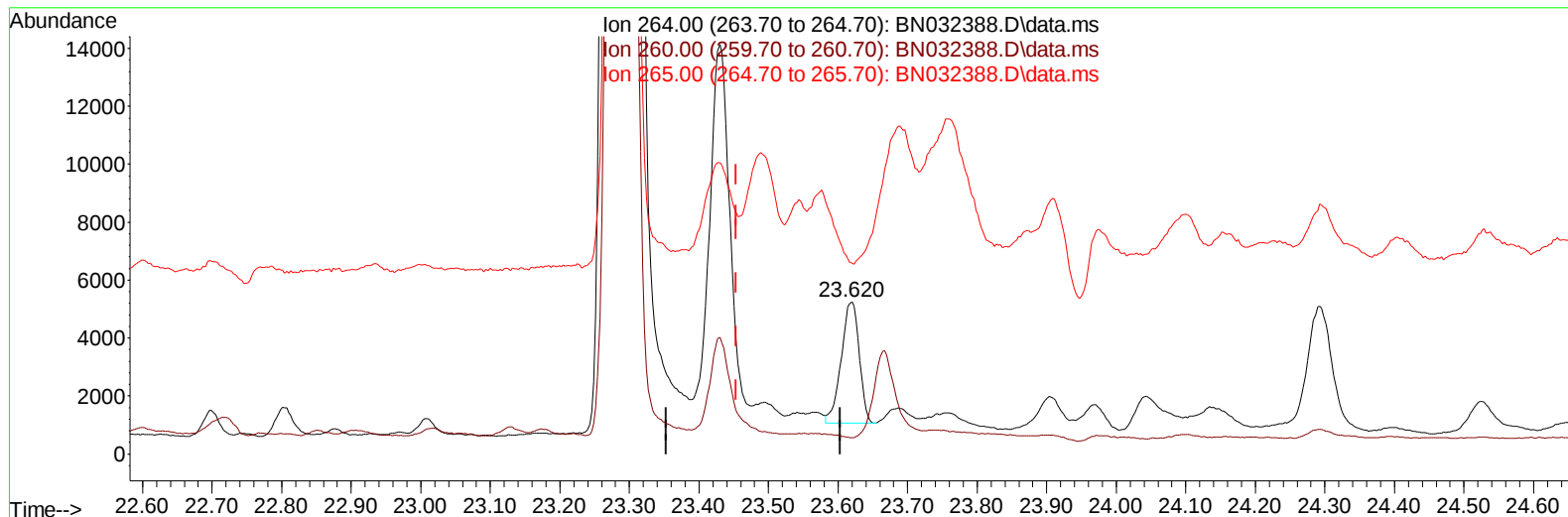
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(23) Perylene-d12 (I)

23.620min (+ 0.167) 0.40 ng/u1

response 7530

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	10.56#
265.00	67.20	125.59#
0.00	0.00	0.00

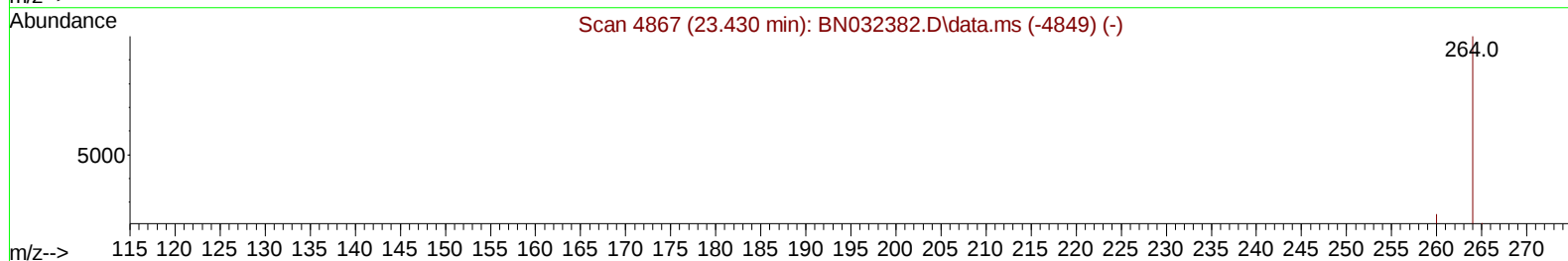
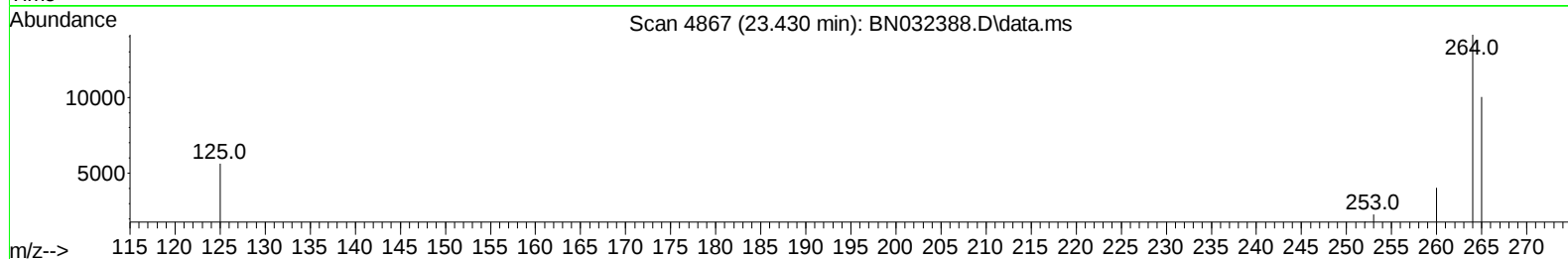
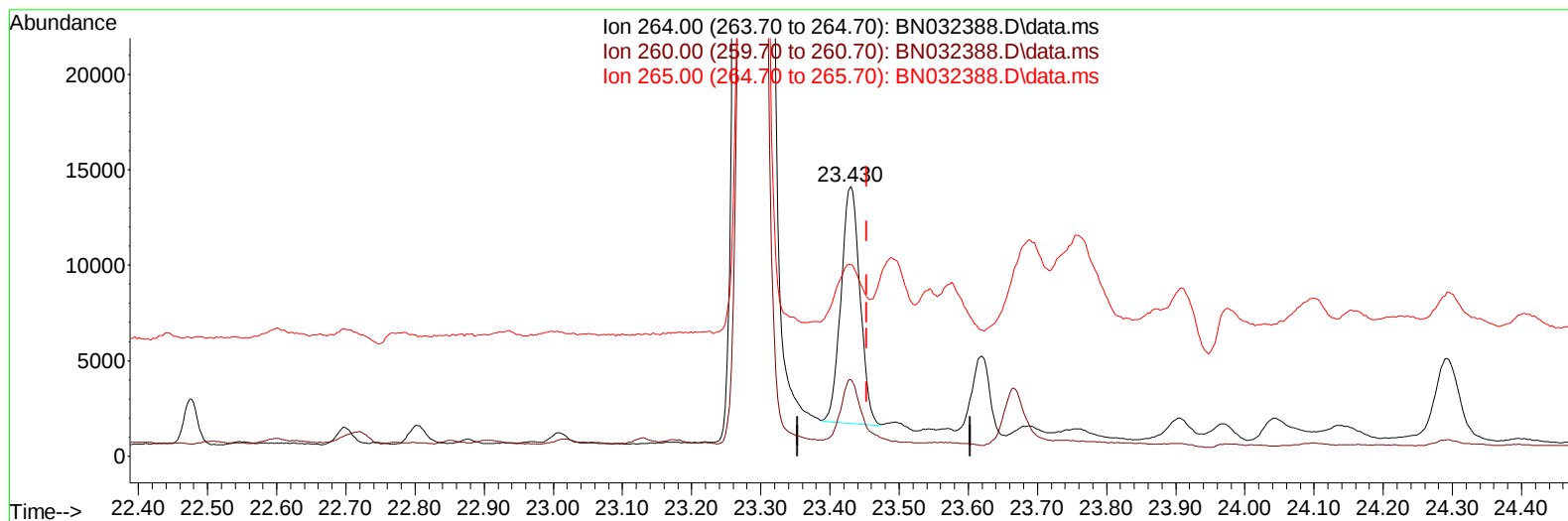
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.023) 0.40 ng/ul m

response 23647

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	28.50
265.00	67.20	71.07
0.00	0.00	0.00

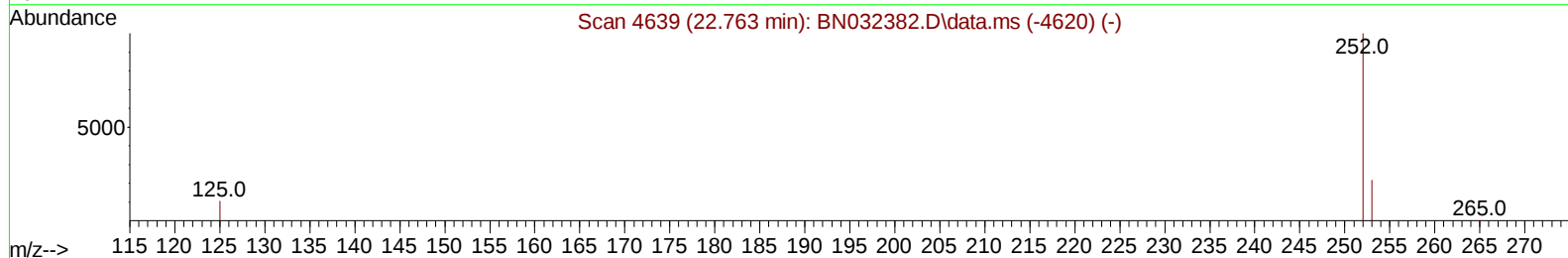
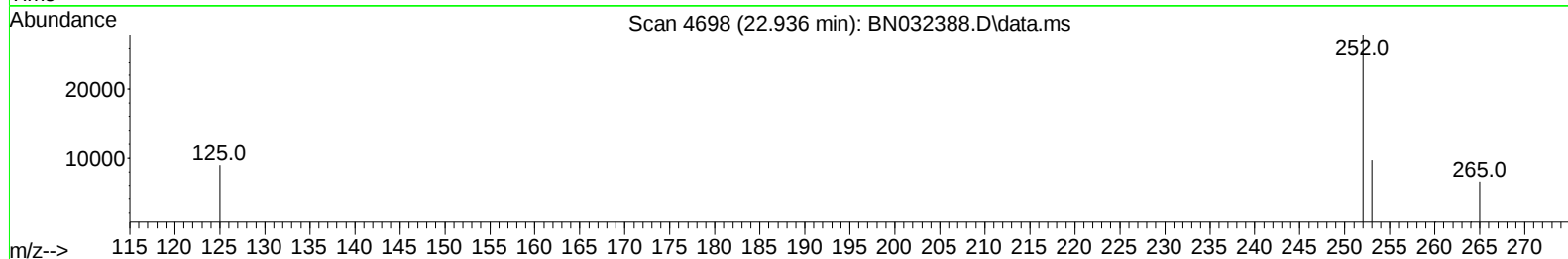
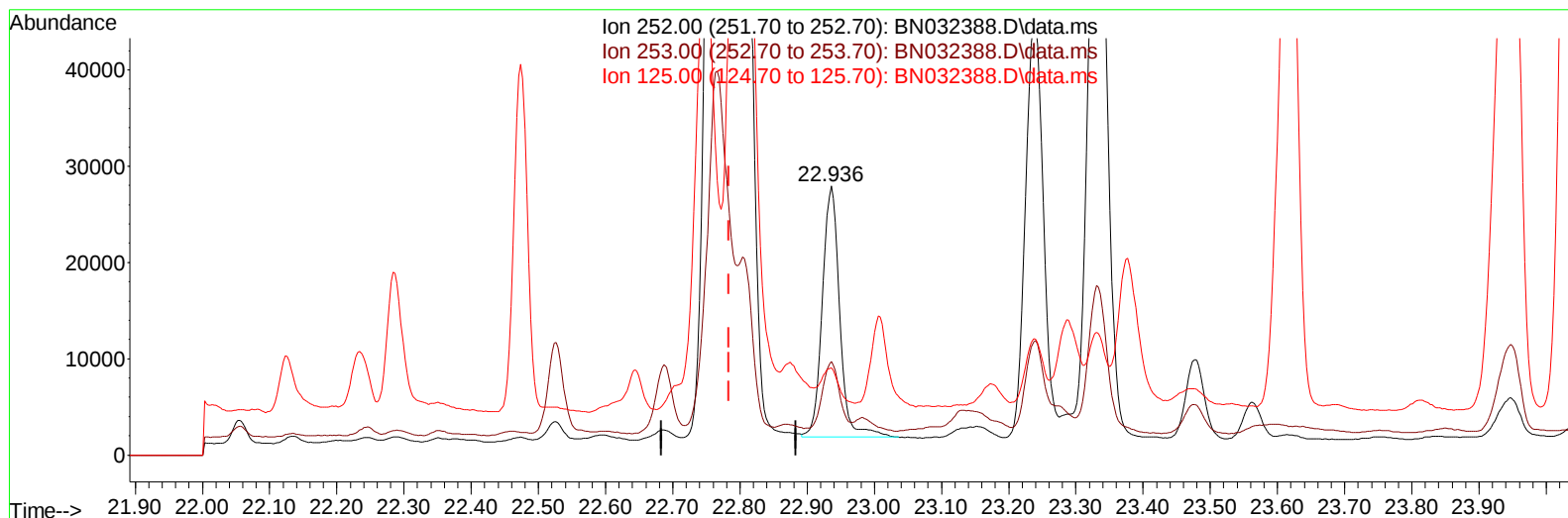
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(24) Benzo(b)fluoranthene

22.936min (+ 0.152) 0.46 ng/u1

response 47010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	34.78
125.00	16.00	32.36#
0.00	0.00	0.00

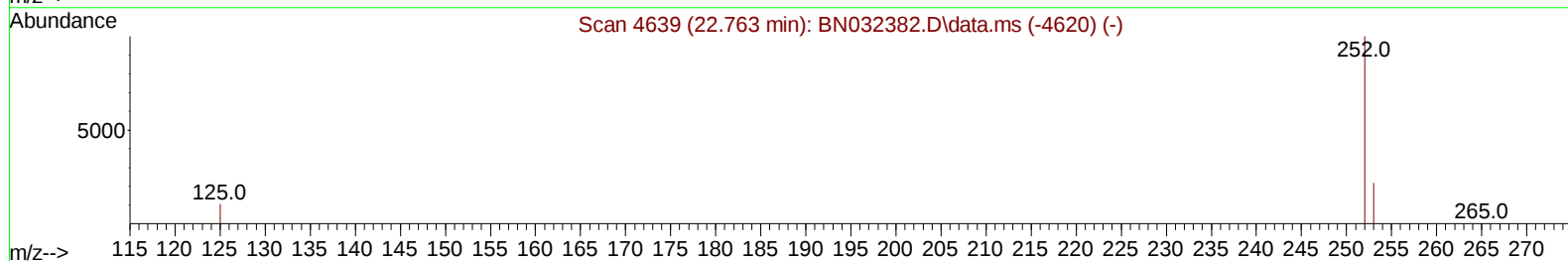
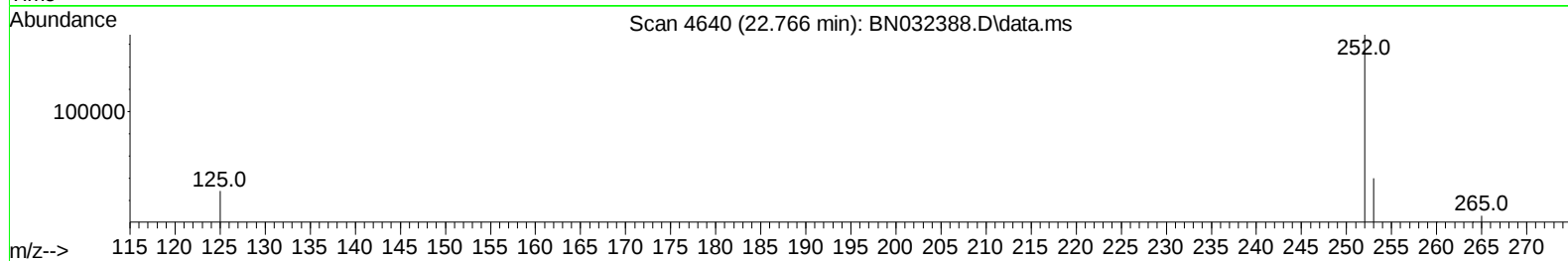
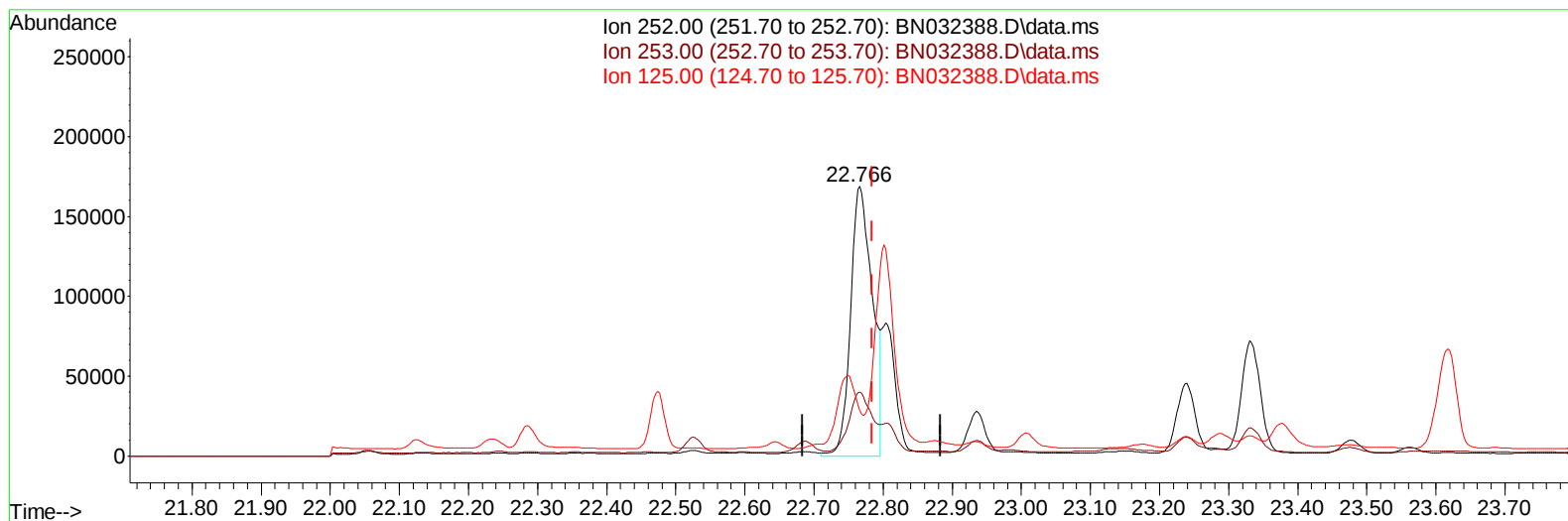
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (-0.018) 3.61 ng/u1 m

response 370367

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.63
125.00	16.00	16.88
0.00	0.00	0.00

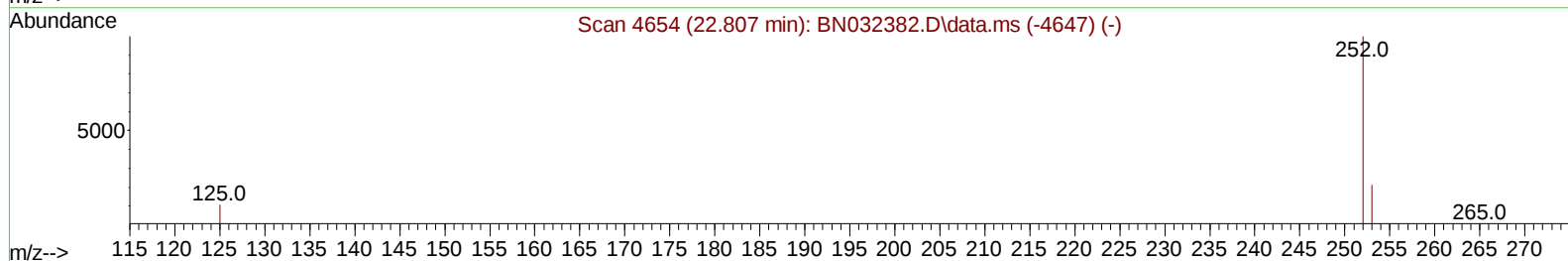
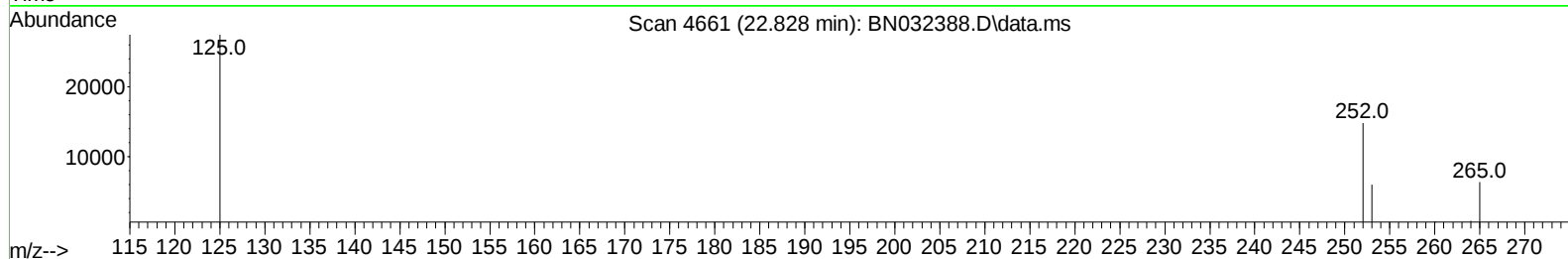
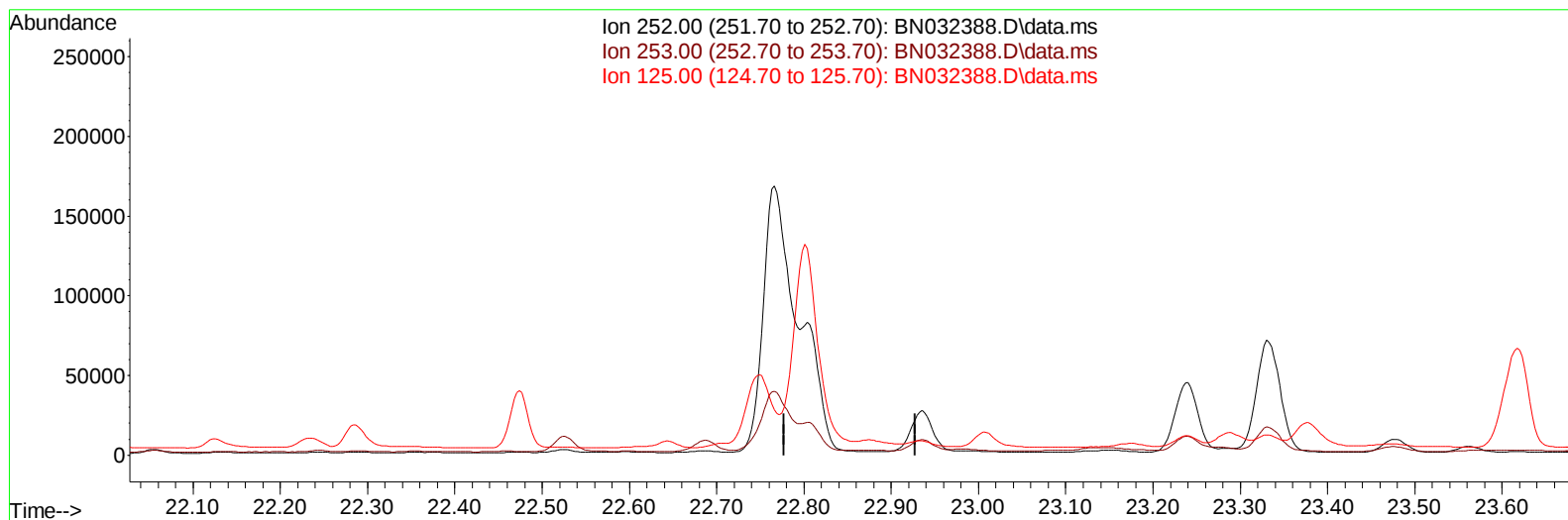
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

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

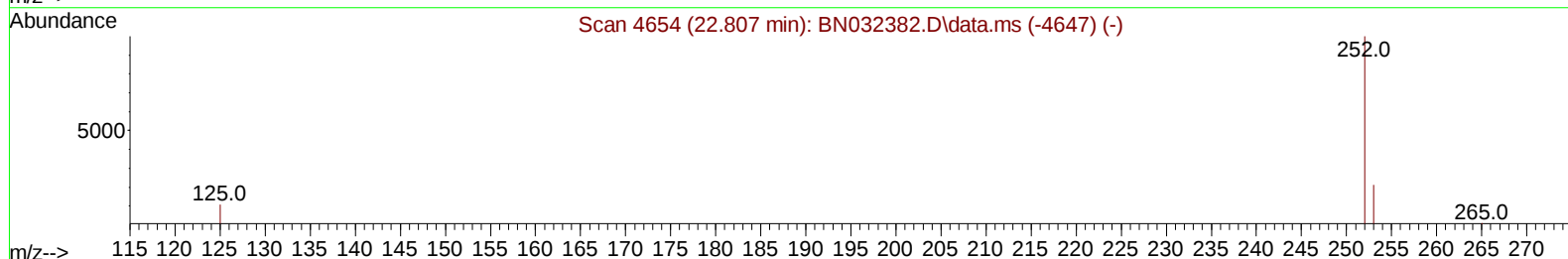
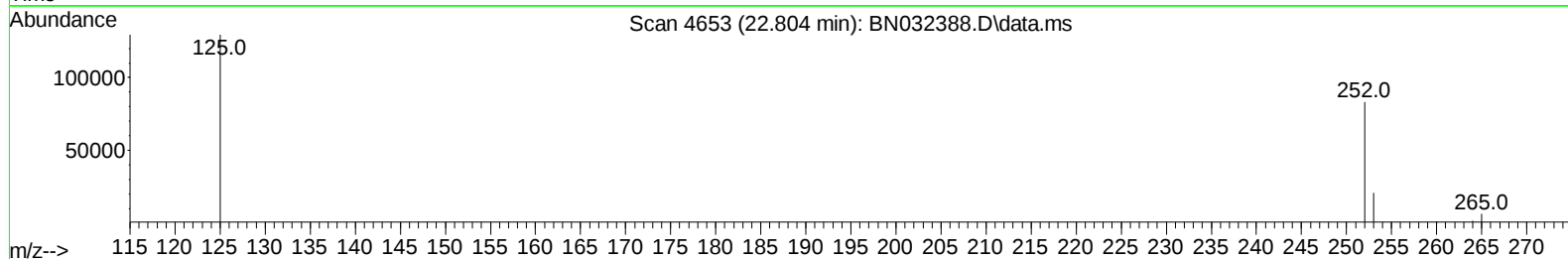
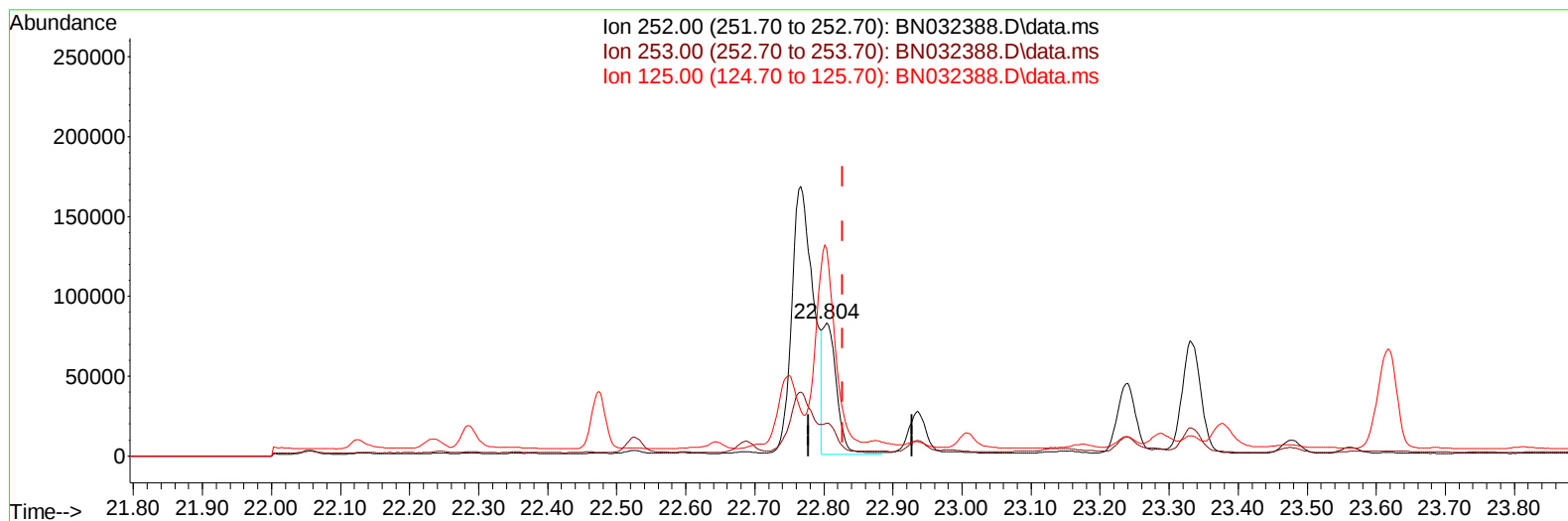
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (-0.023) 1.16 ng/u1 m

response 115859

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.70
125.00	16.00	155.38#
0.00	0.00	0.00

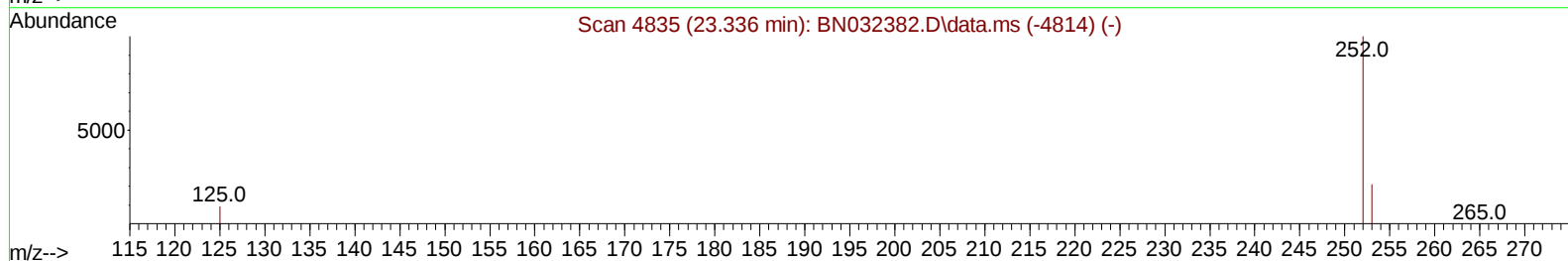
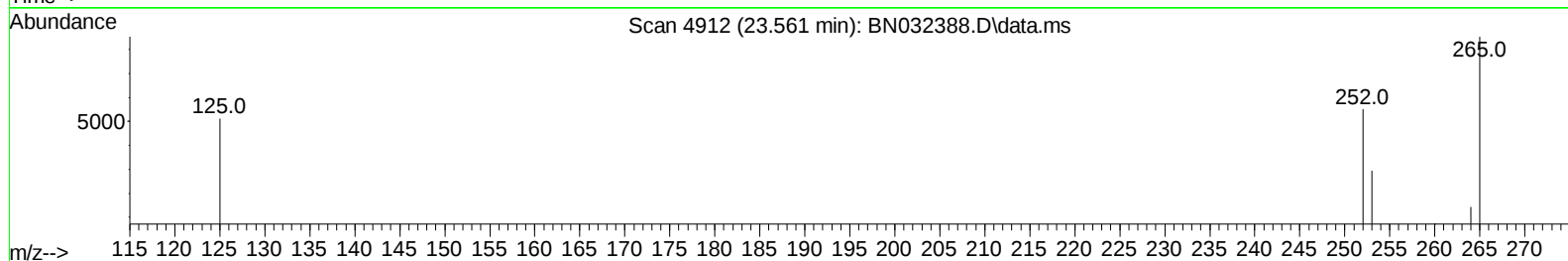
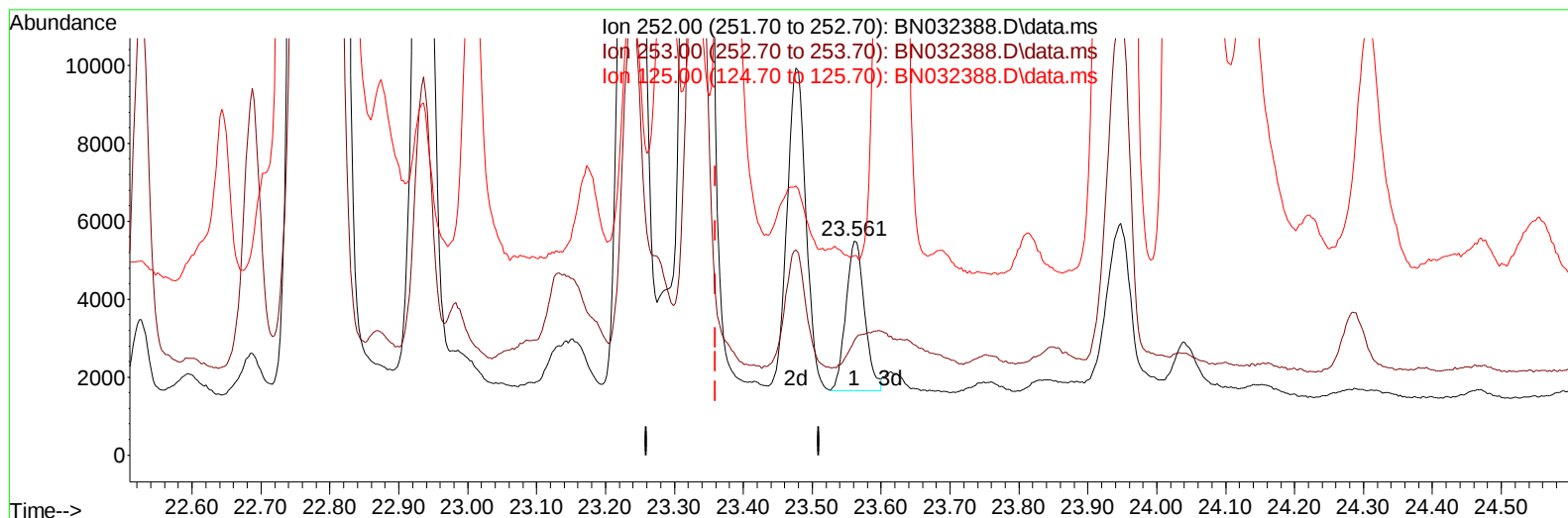
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(26) Benzo(a)pyrene (C)

23.561min (+ 0.202) 0.10 ng/u1

response 7236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	53.57#
125.00	20.50	93.25#
0.00	0.00	0.00

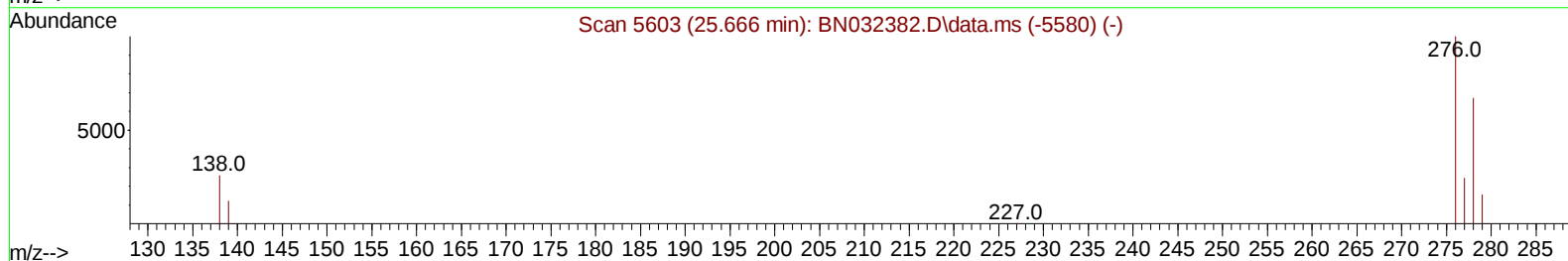
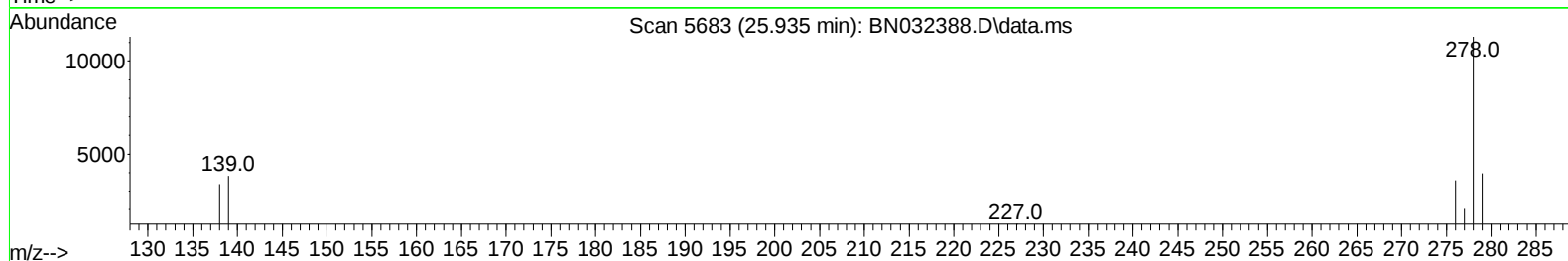
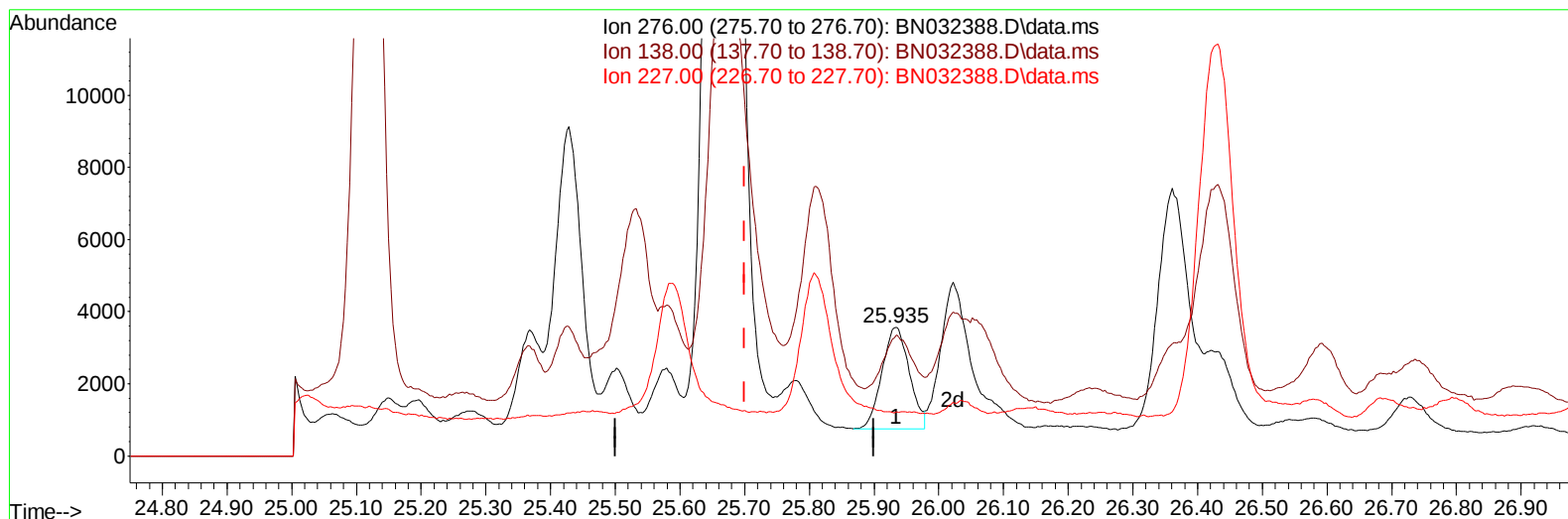
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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TIC: BN032388.D\data.ms

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

25.935min (+ 0.235) 0.07 ng/u1

response 8328

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	51.95#
227.00	0.10	0.00#
0.00	0.00	0.00

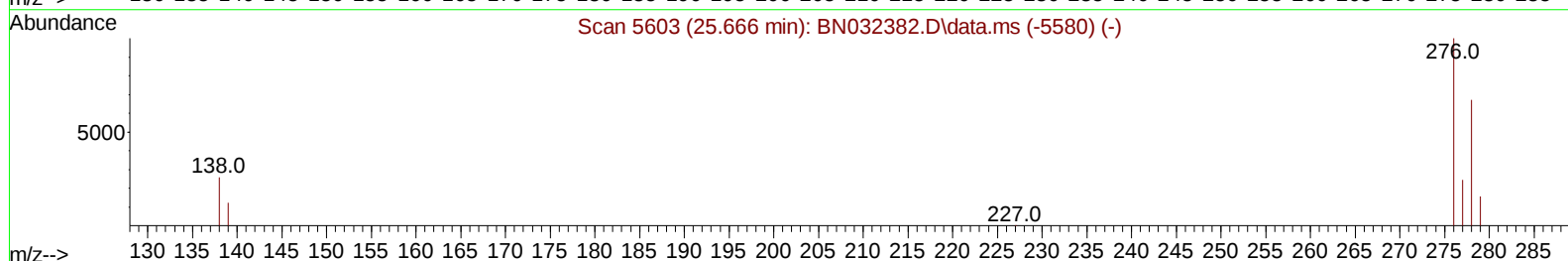
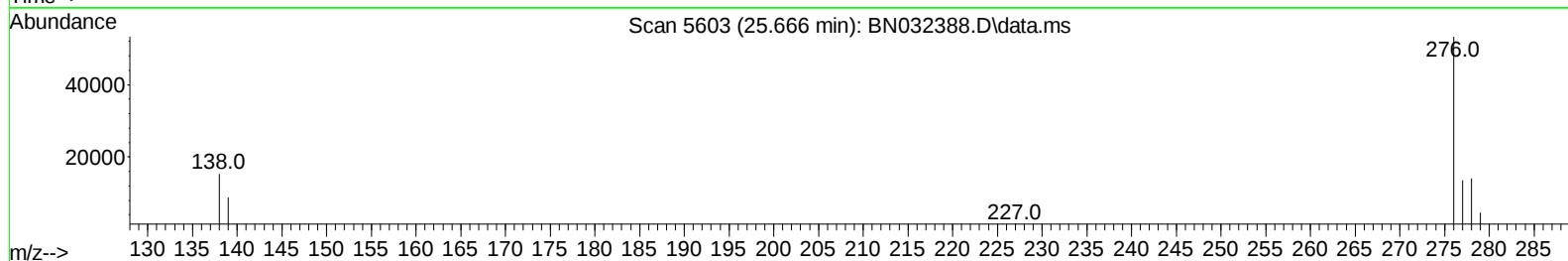
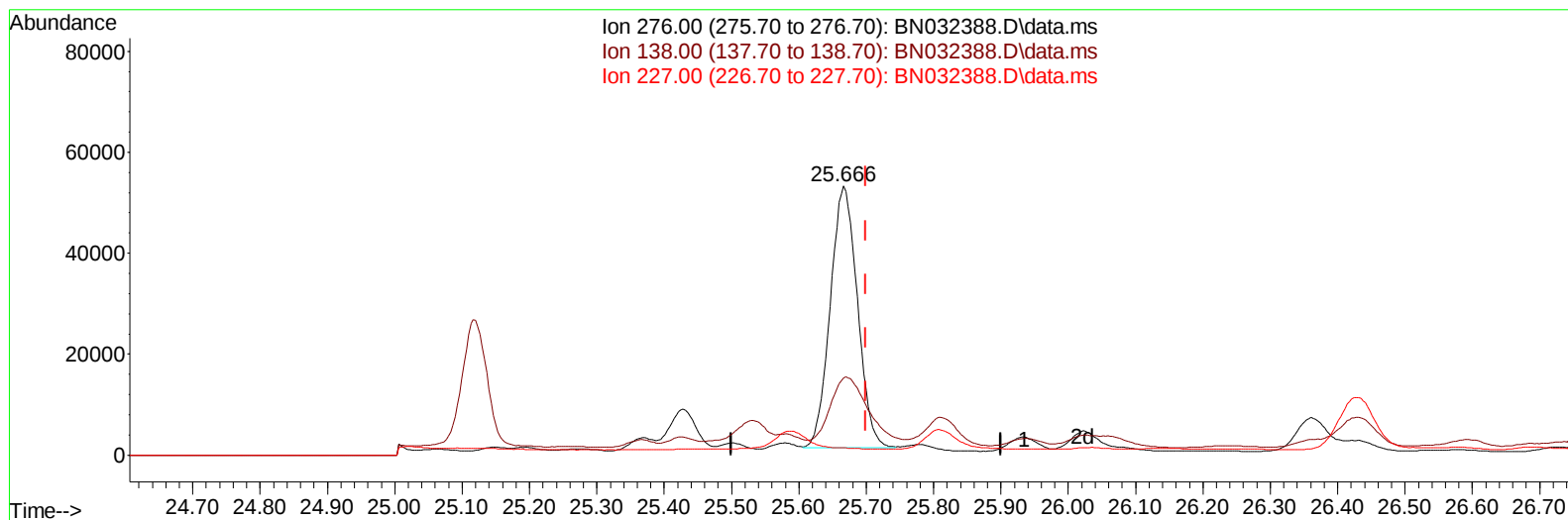
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

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TIC: BN032388.D\data.ms

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

25.666min (-0.034) 1.29 ng/u1 m

response 144844

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	2.99#
227.00	0.10	0.00#
0.00	0.00	0.00

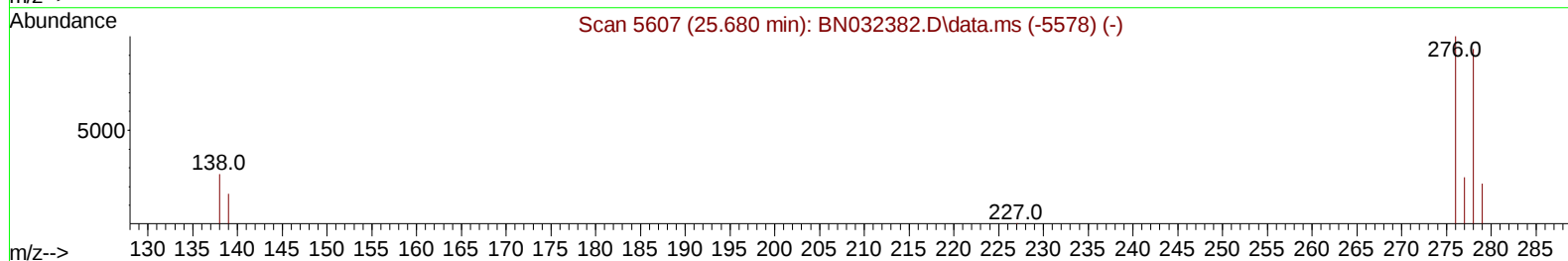
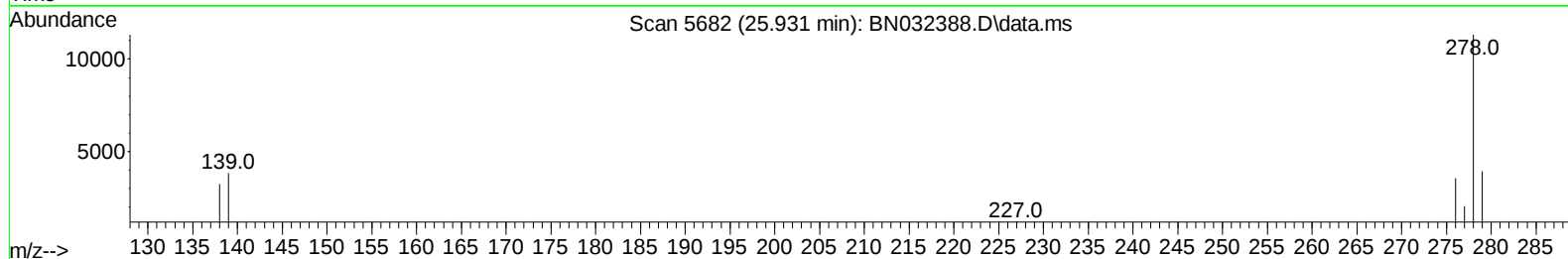
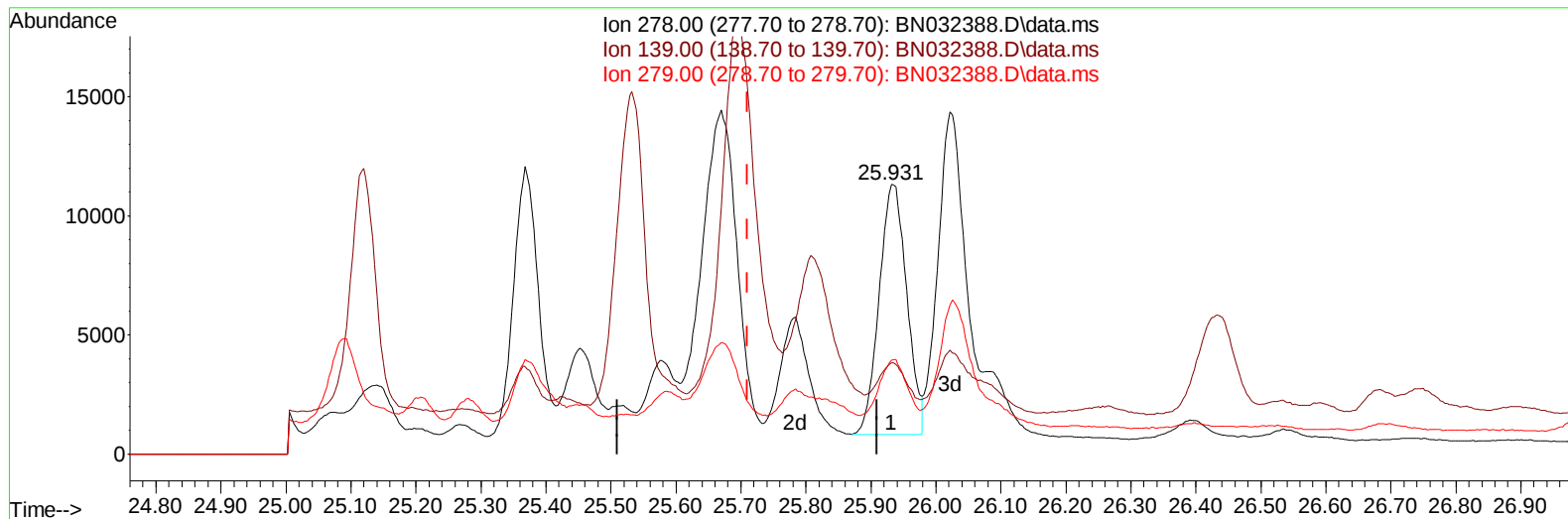
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 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 : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032388.D\data.ms

(28) Dibenzo(a,h)anthracene

25.931min (+ 0.221) 0.37 ng/u1

response 31016

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	33.75#
279.00	26.40	34.79#
0.00	0.00	0.00

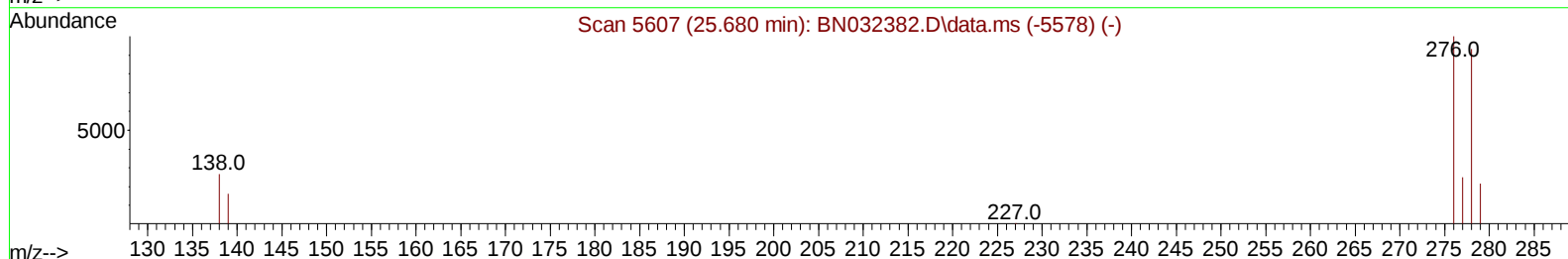
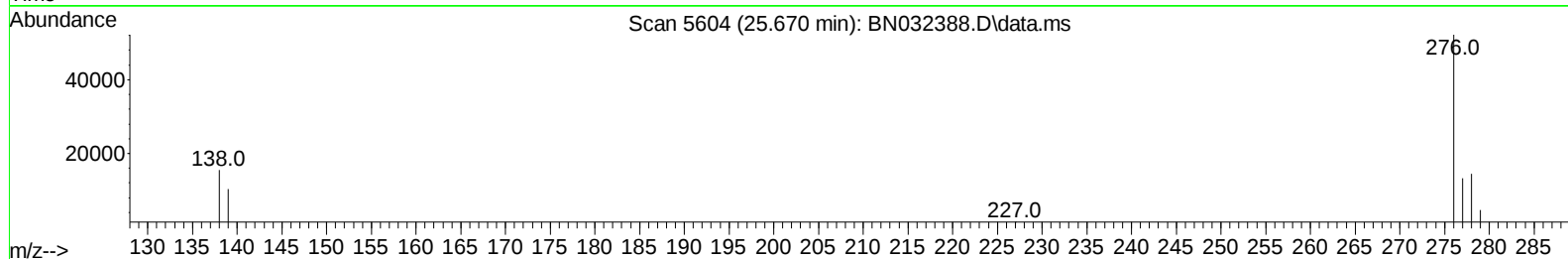
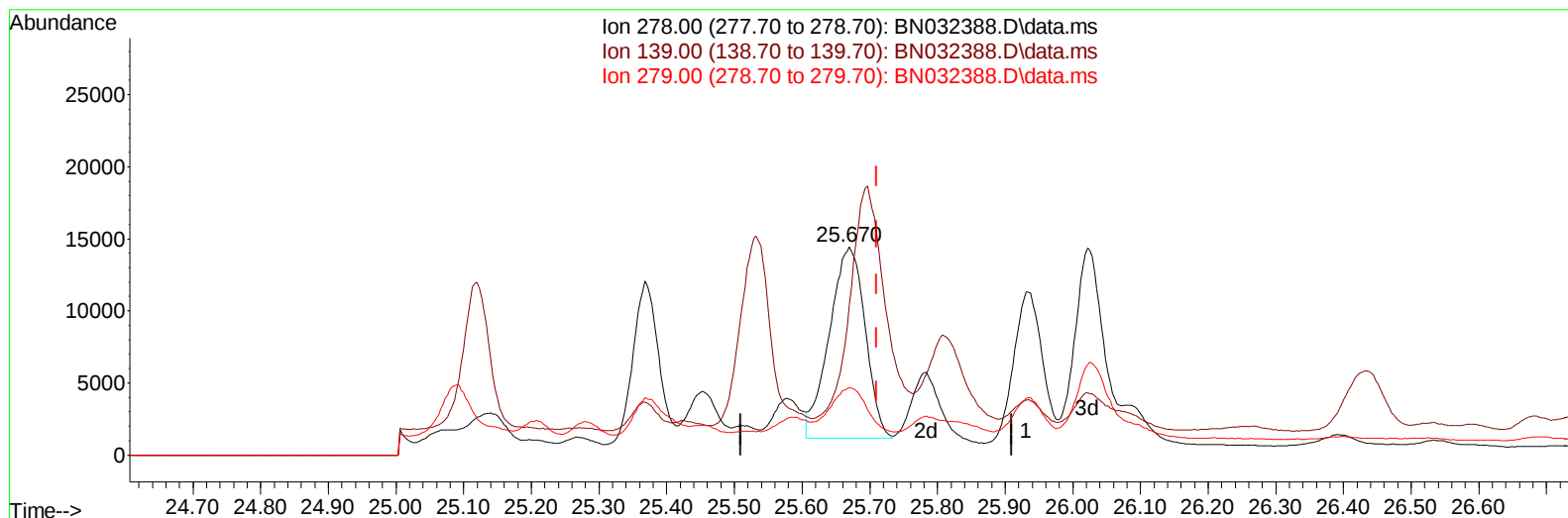
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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TIC: BN032388.D\data.ms

(28) Dibenzo(a,h)anthracene

25.670min (-0.040) 0.59 ng/ul m

response 48738

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	71.74#
279.00	26.40	32.36#
0.00	0.00	0.00

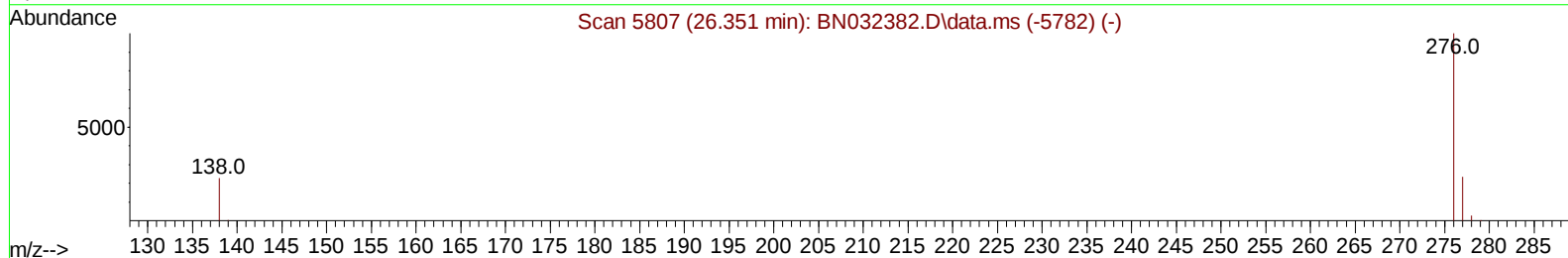
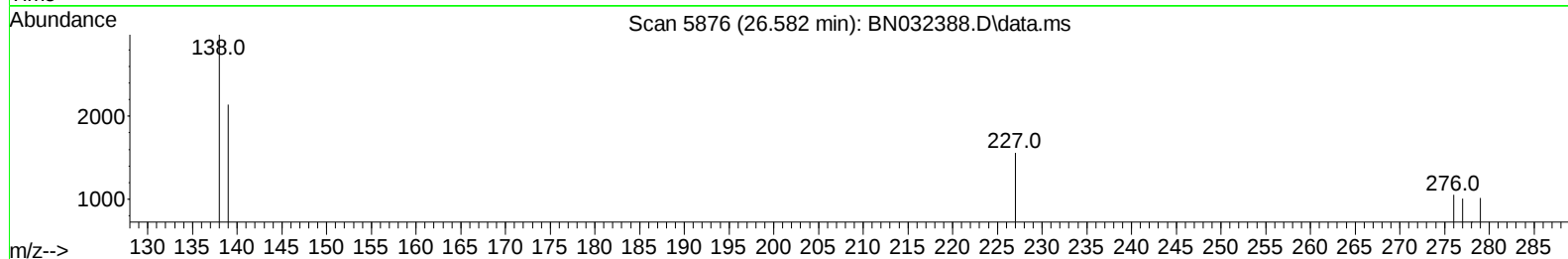
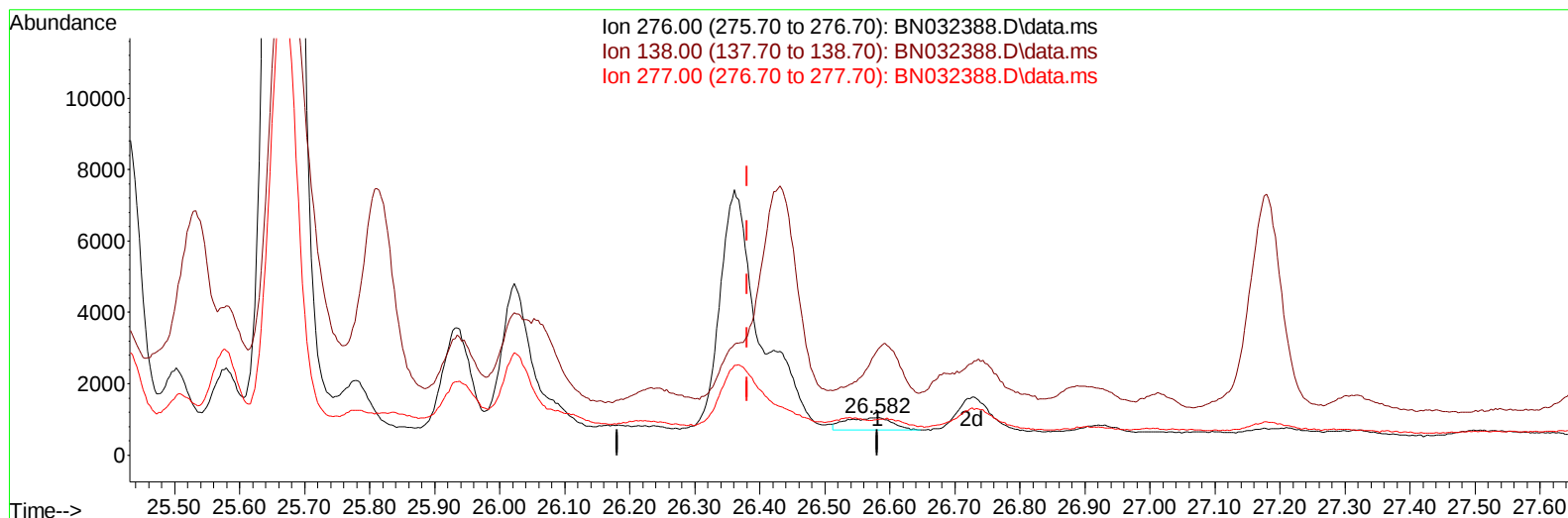
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN7

Manual IntegrationsAPPROVED

Quant Time: Jul 02 07:58:06 2024
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TIC: BN032388.D\data.ms

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

26.582min (+ 0.201) 0.02 ng/u1

response 1776

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	283.63#
277.00	24.70	95.81#
0.00	0.00	0.00

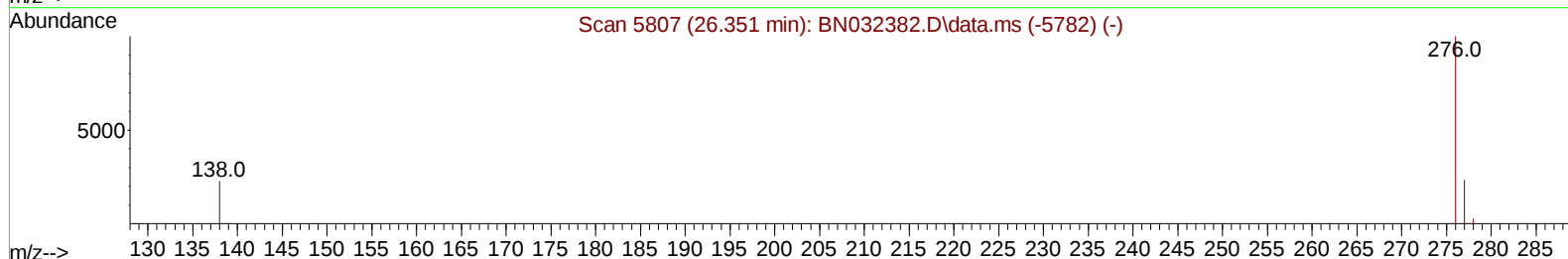
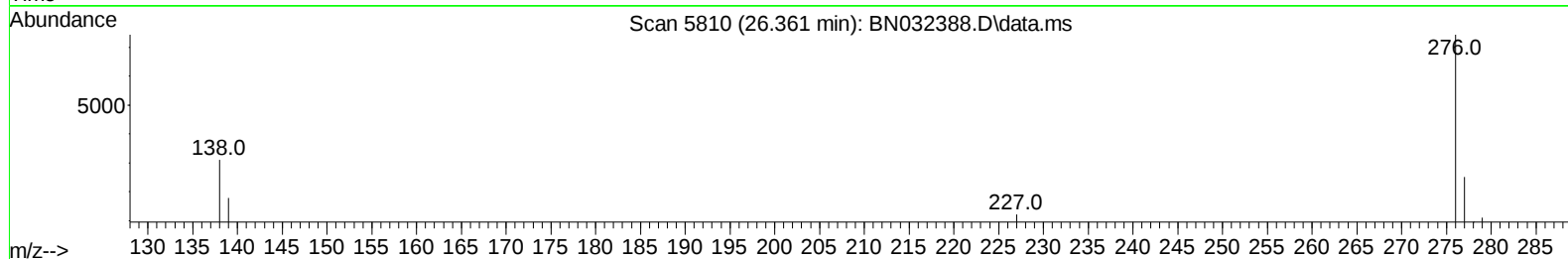
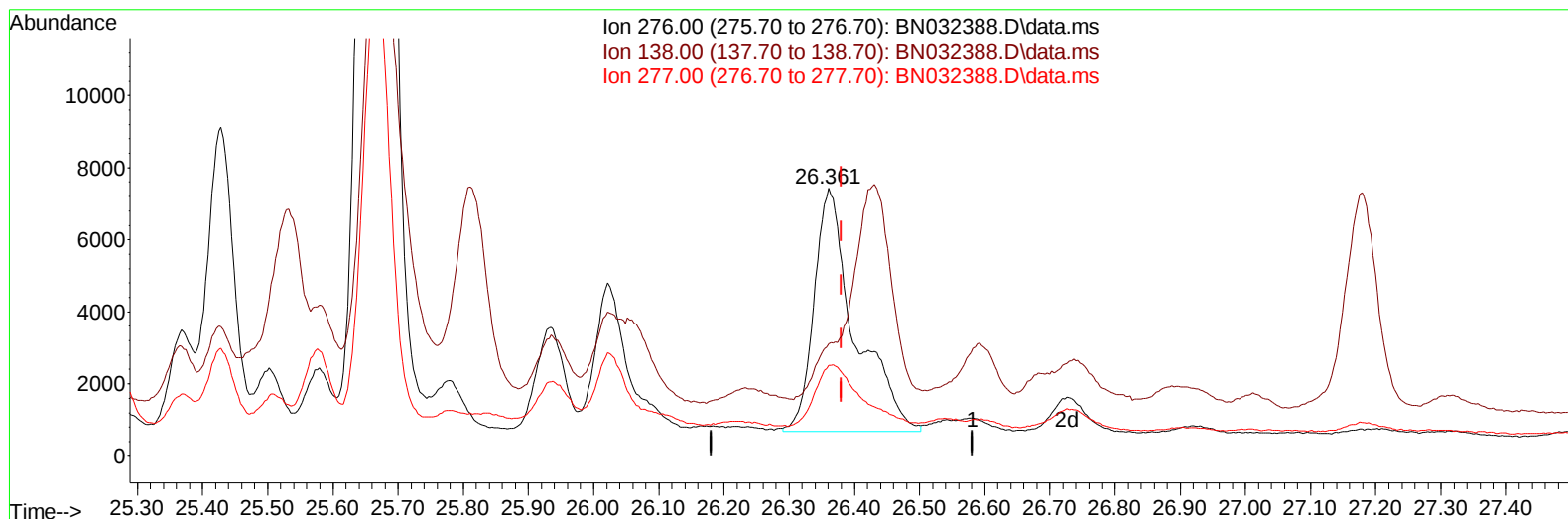
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

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TIC: BN032388.D\data.ms

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

26.361min (-0.020) 0.33 ng/ul m

response 29440

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	41.86#
277.00	24.70	33.83#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 07:58:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	10136	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	32303	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	18901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	32550m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	21705m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	23647m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	44036	3.909	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	14200	0.293	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	21878m	0.335	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.431	128	17473	0.204	ng/ul	98
7) 2-Methylnaphthalene	12.054	142	7239	0.128	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	4577	0.078	ng/ul	97
10) Acenaphthylene	13.971	152	26251	0.334	ng/ul	98
11) Acenaphthene	14.313	153	10452	0.171	ng/ul	98
12) Fluorene	15.308	166	12731	0.175	ng/ul#	98
14) Pentachlorophenol	16.666	266	360m	0.049	ng/ul	
15) Phenanthrene	17.046	178	266756m	2.989	ng/ul	
16) Anthracene	17.138	178	47524m	0.597	ng/ul	
19) Fluoranthene	19.073	202	522564m	6.323	ng/ul	
20) Pyrene	19.440	202	366222m	4.240	ng/ul	
21) Benzo(a)anthracene	21.197	228	211259m	2.697	ng/ul	
22) Chrysene	21.247	228	268305m	3.120	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	370367m	3.605	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	115859m	1.161	ng/ul	
26) Benzo(a)pyrene	23.330	252	136618m	1.911	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	144844m	1.294	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	48738m	0.586	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	29440m	0.330	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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