

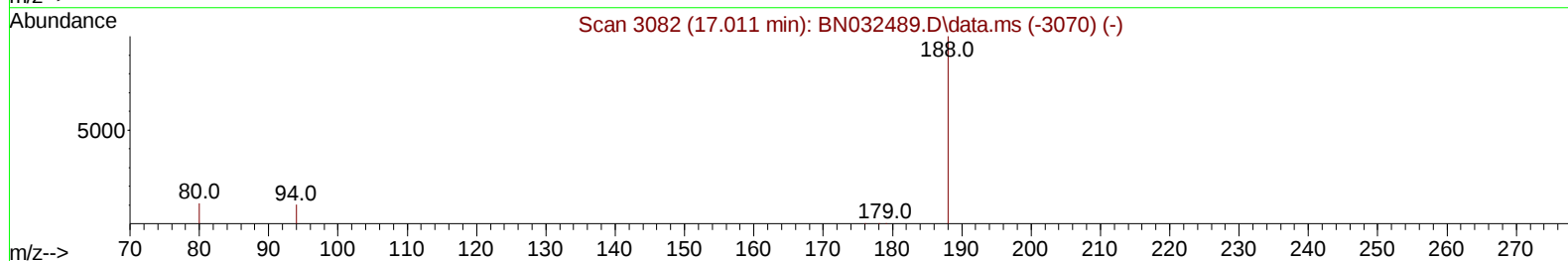
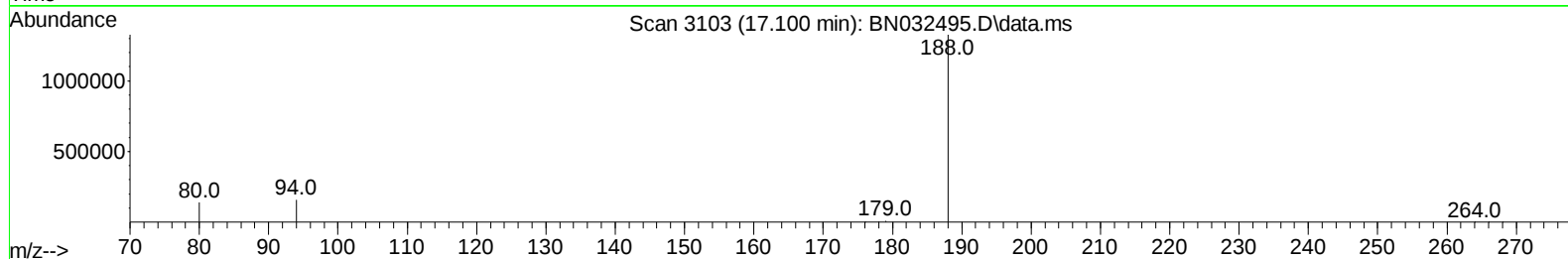
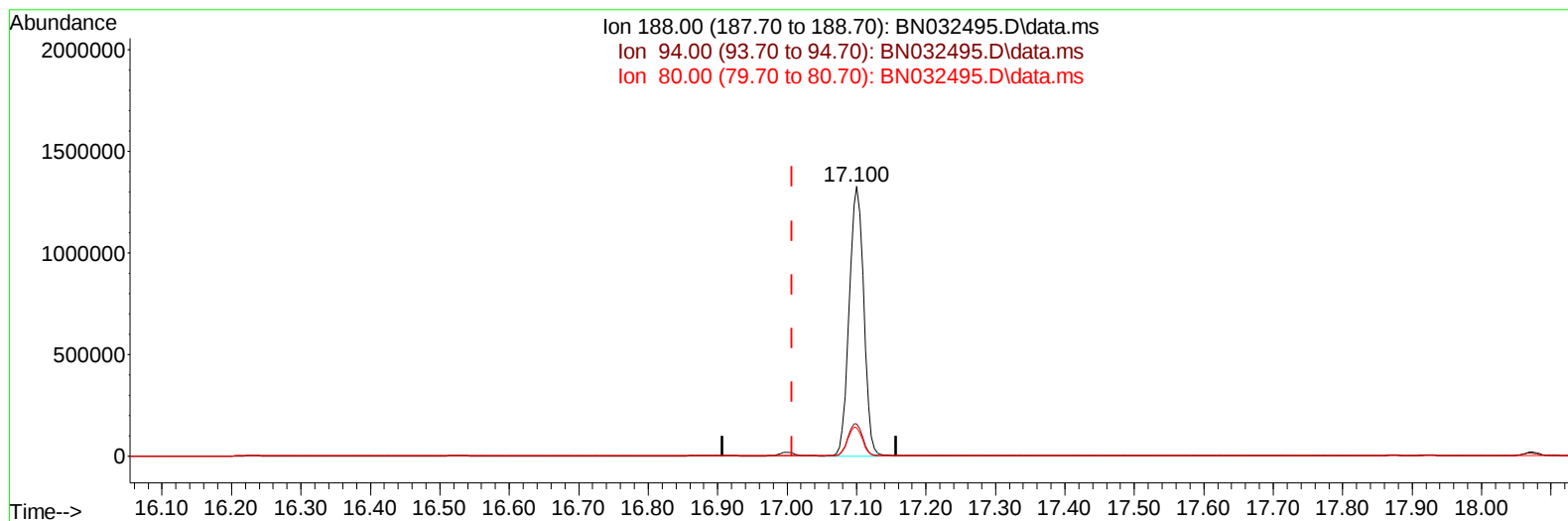
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(13) Phenanthrene-d10 (I)

17.100min (+ 0.093) 0.40 ng/u1

response 1912131

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.03
80.00	10.50	10.63
0.00	0.00	0.00

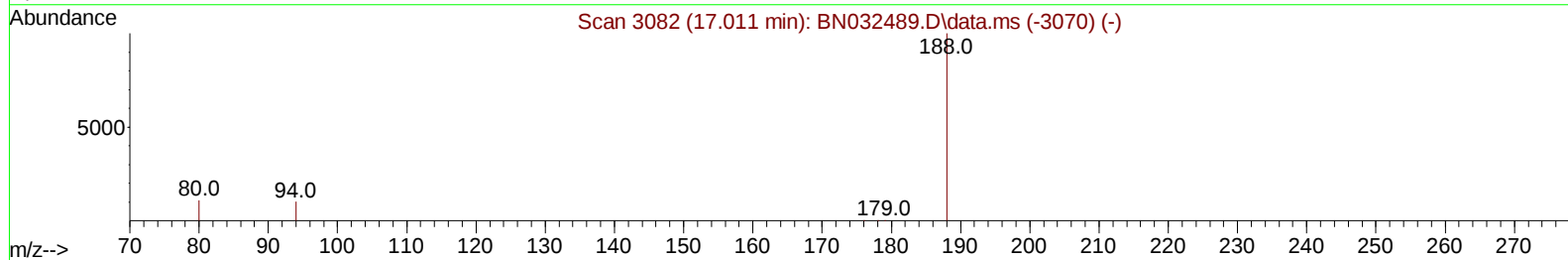
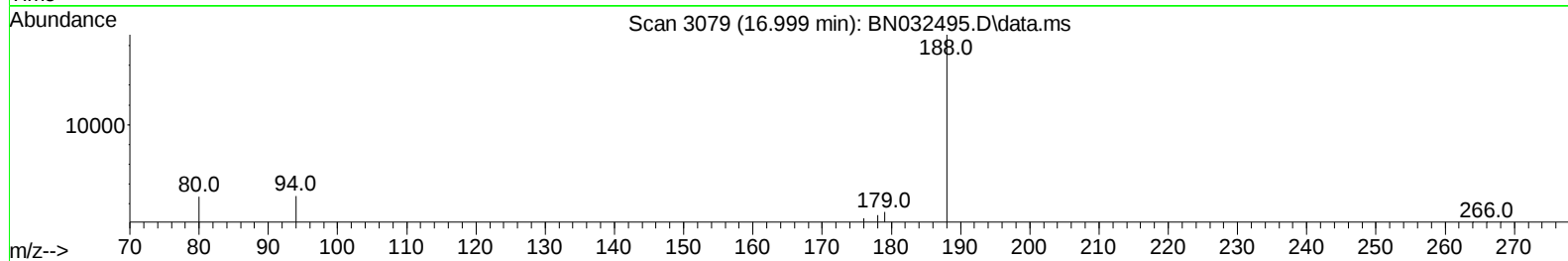
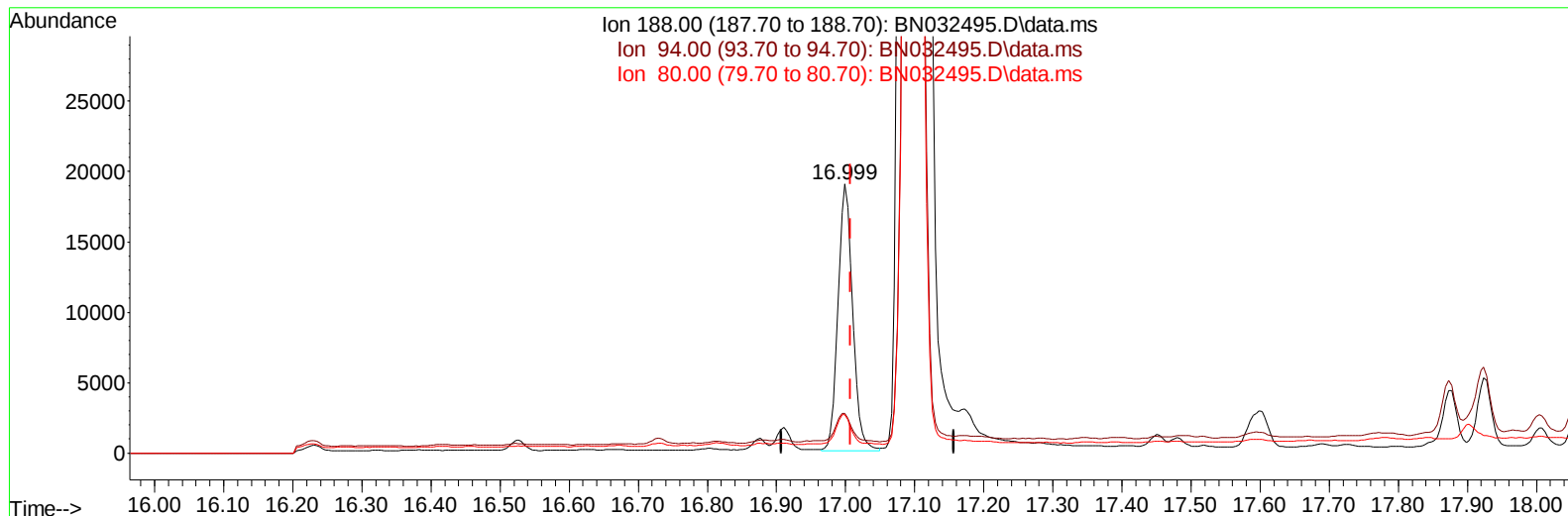
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(13) Phenanthrene-d10 (I)

16.999min (-0.009) 0.40 ng/ul m

response 27914

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	14.69#
80.00	10.50	14.25#
0.00	0.00	0.00

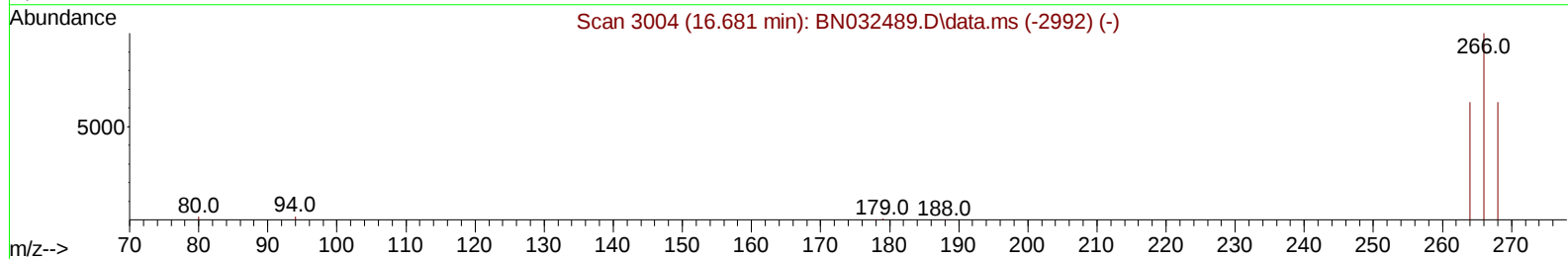
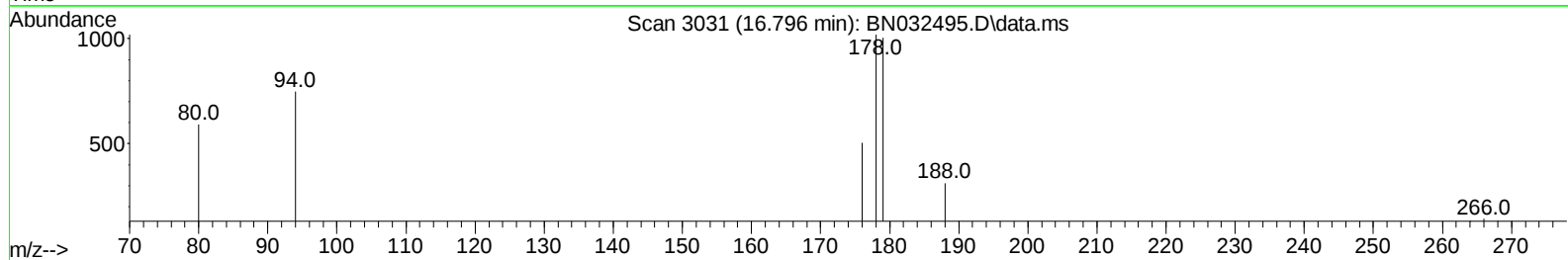
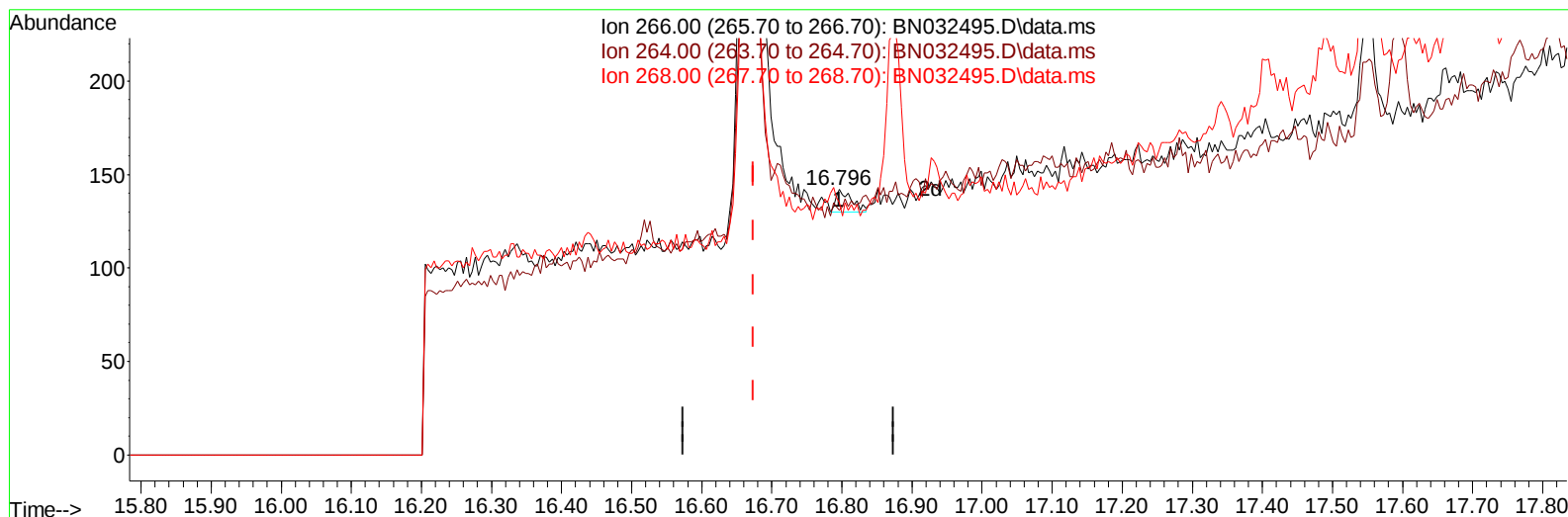
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
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TIC: BN032495.D\data.ms

(14) Pentachloropheno1

16.796min (+ 0.122) 0.00 ng/u1

response 18

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	127.78#
0.00	0.00	0.00

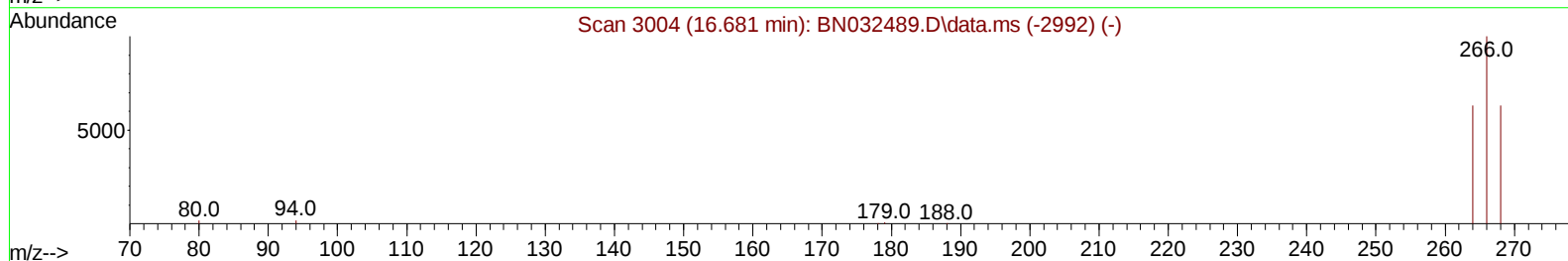
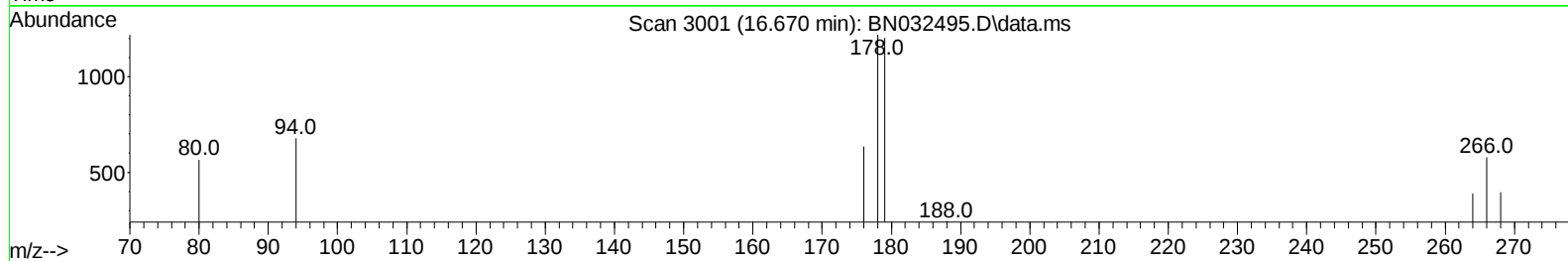
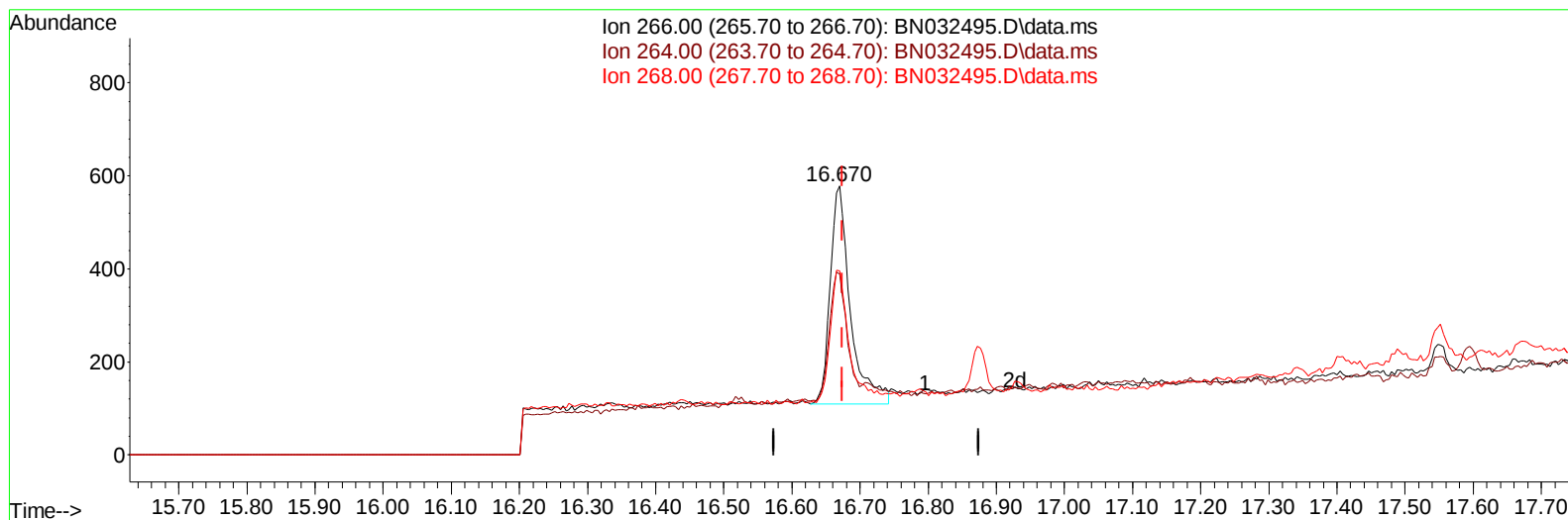
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032495.D
 Acq On : 05 Jul 2024 04:22
 Operator : MA/JU
 Sample : P3065-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(14) Pentachlorophenol

16.670min (-0.004) 0.15 ng/ul m

response 968

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.40	0.00#
268.00	65.50	2.38#
0.00	0.00	0.00

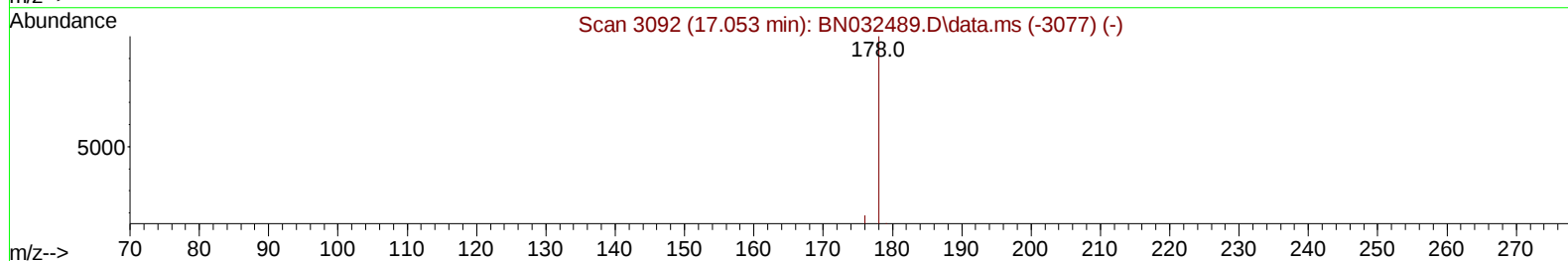
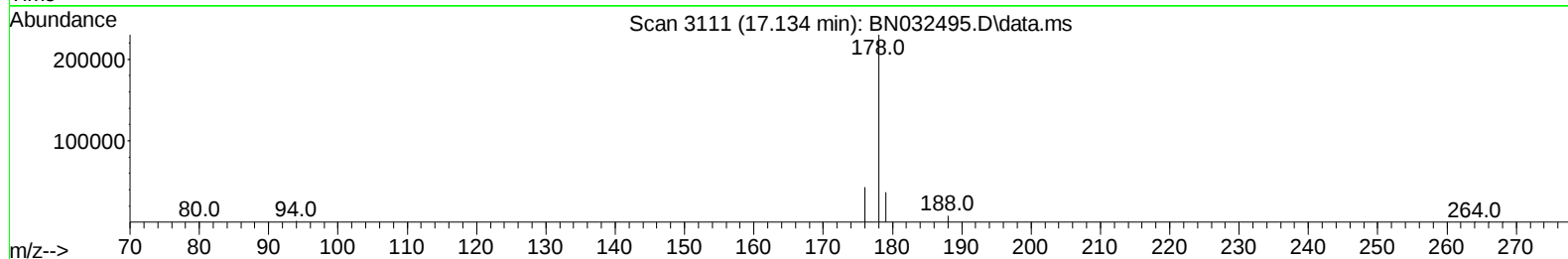
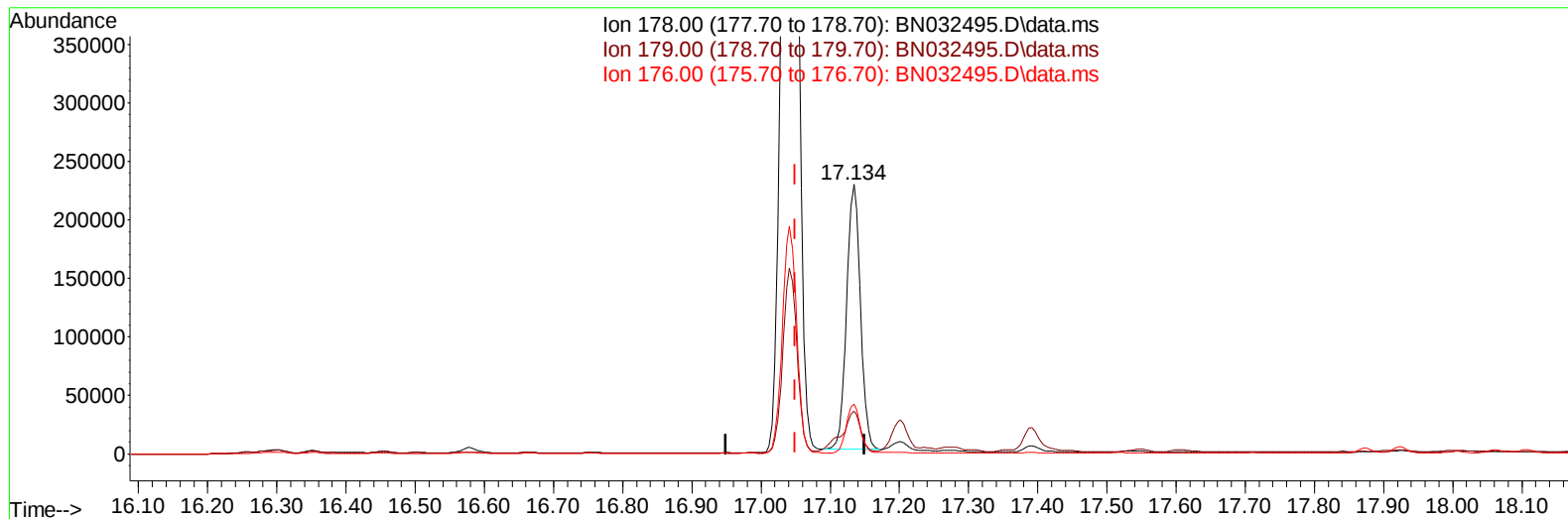
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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TIC: BN032495.D\data.ms

(15) Phenanthrene

17.134min (+ 0.084) 4.08 ng/u1

response 312575

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.89
176.00	19.50	18.55
0.00	0.00	0.00

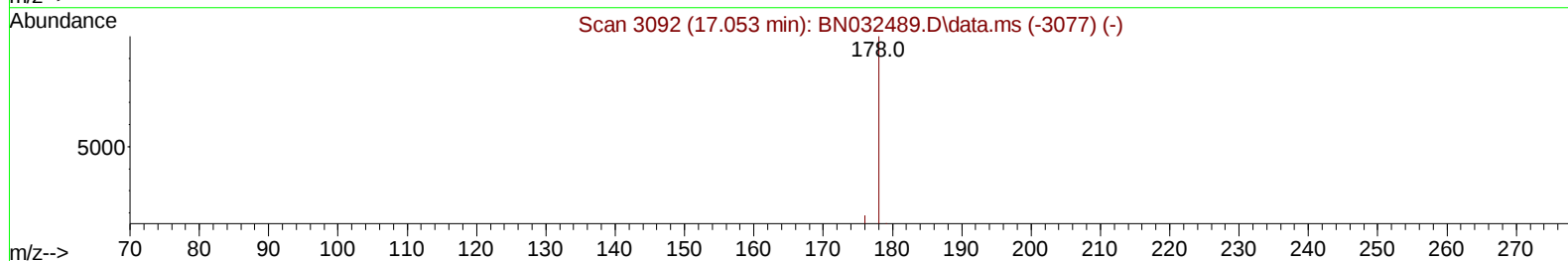
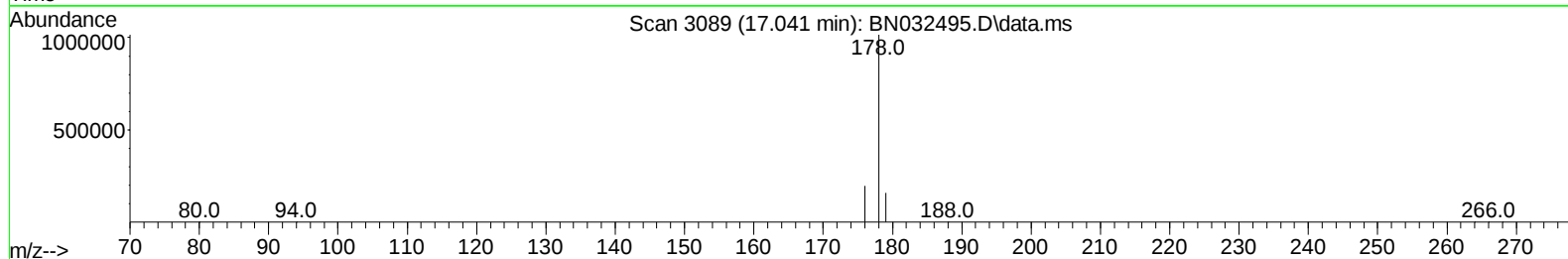
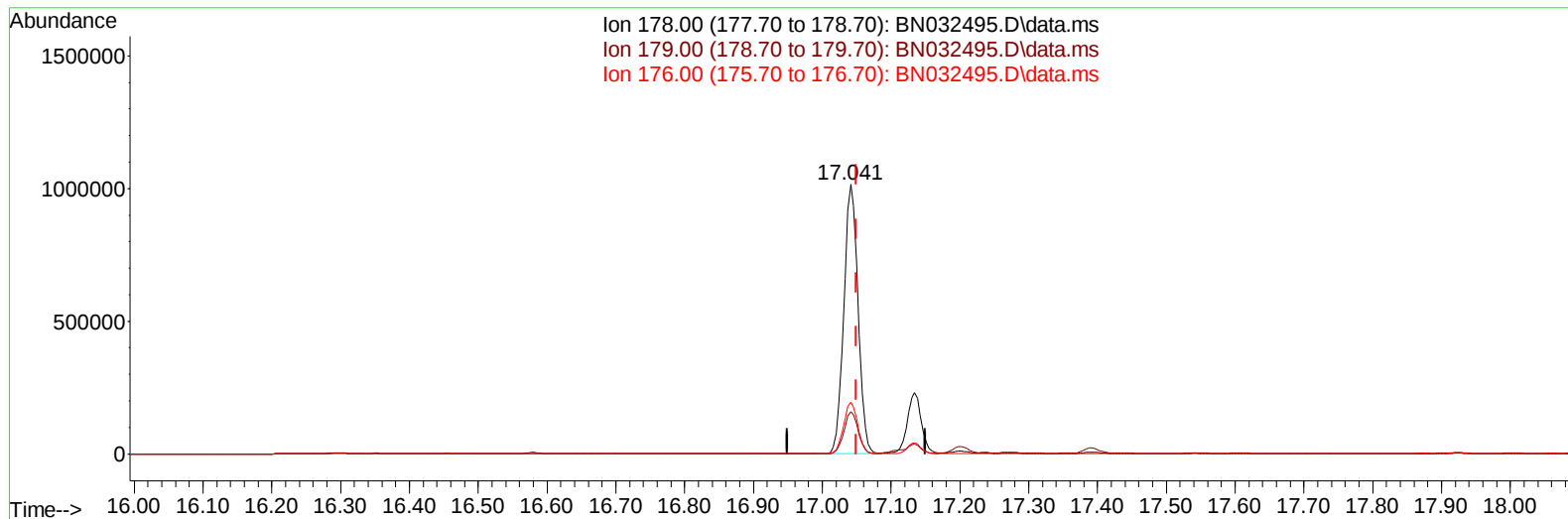
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(15) Phenanthrene

17.041min (-0.009) 19.12 ng/ul m

response 1463536

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.63
176.00	19.50	19.18
0.00	0.00	0.00

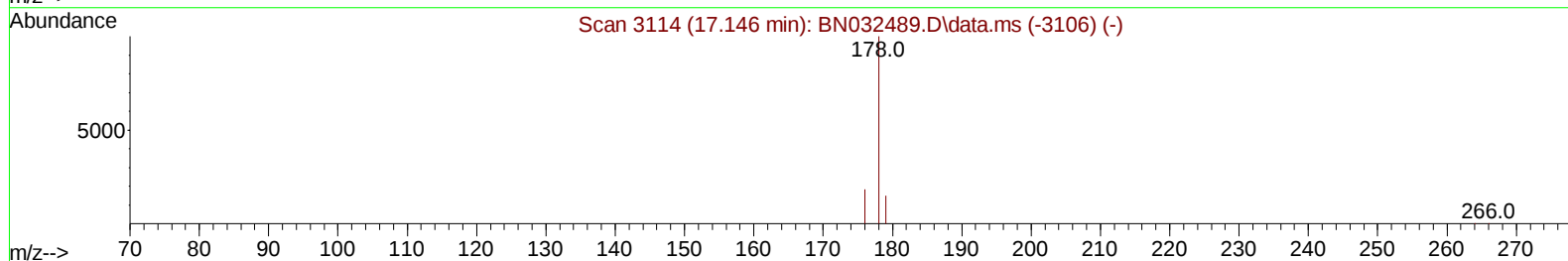
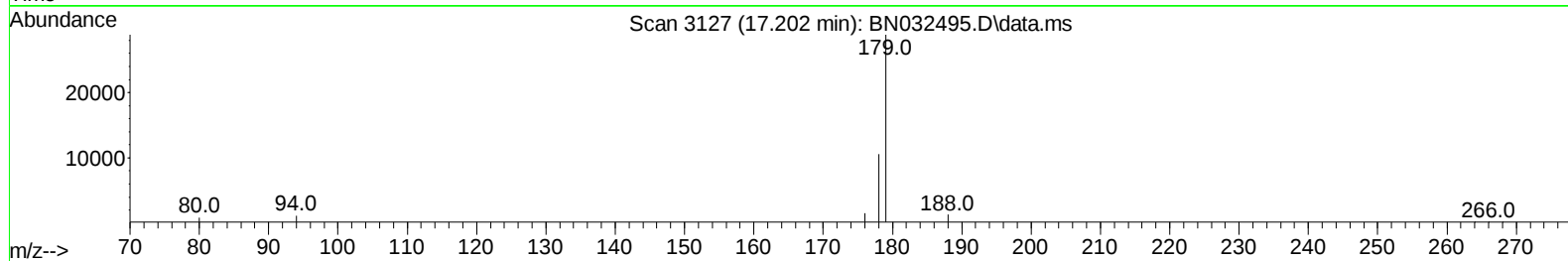
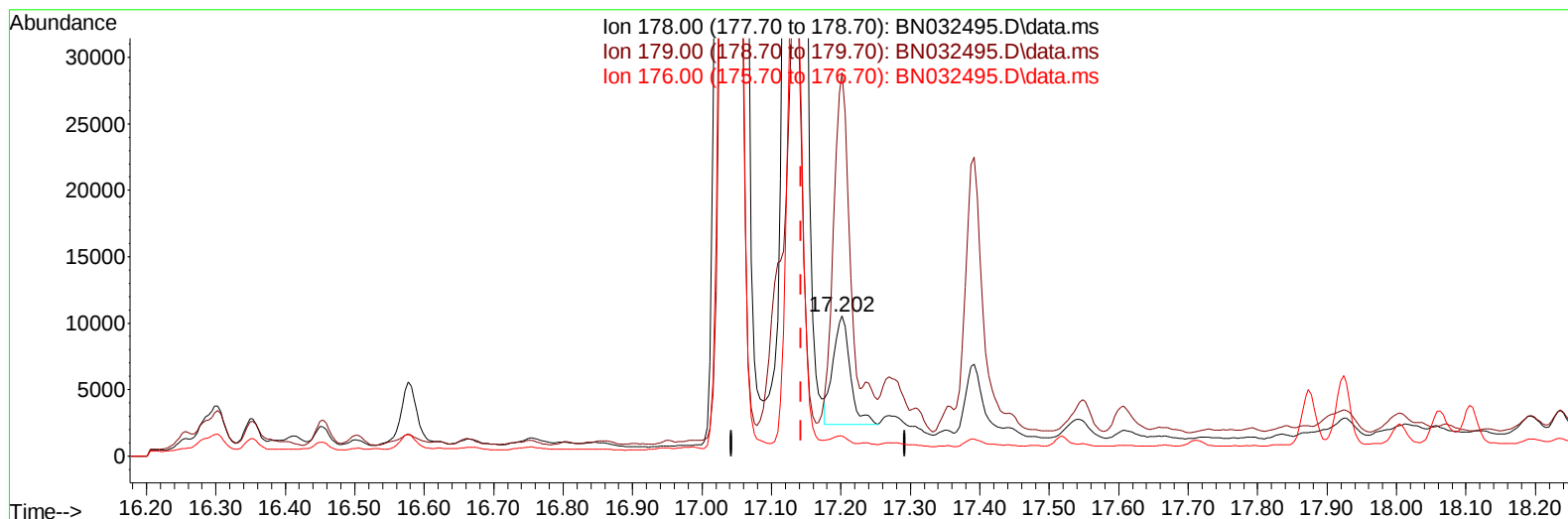
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(16) Anthracene

17.202min (+ 0.059) 0.20 ng/u1

response 13917

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	274.11#
176.00	18.80	14.17#
0.00	0.00	0.00

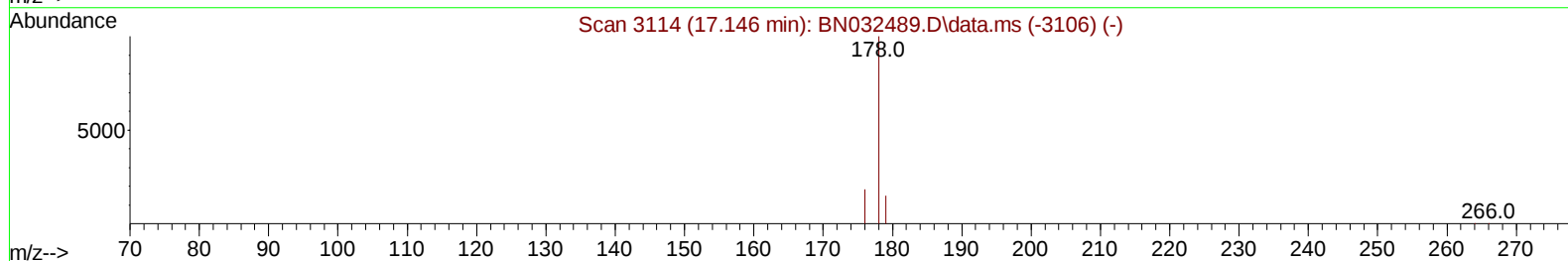
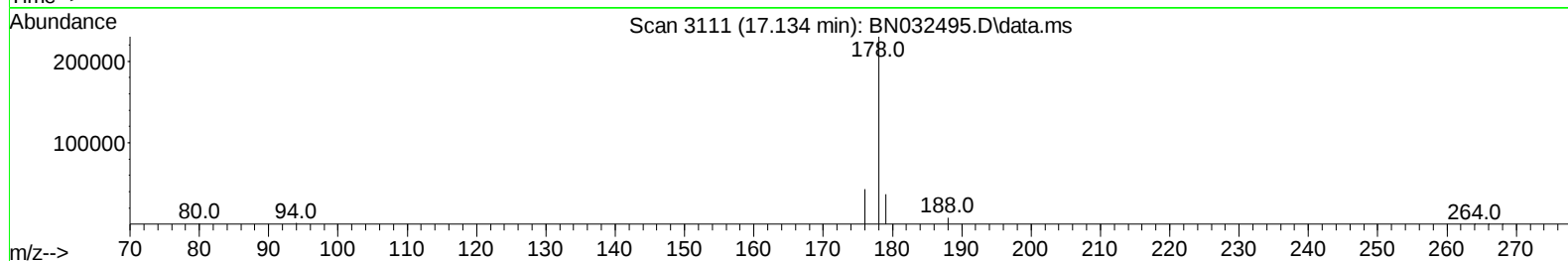
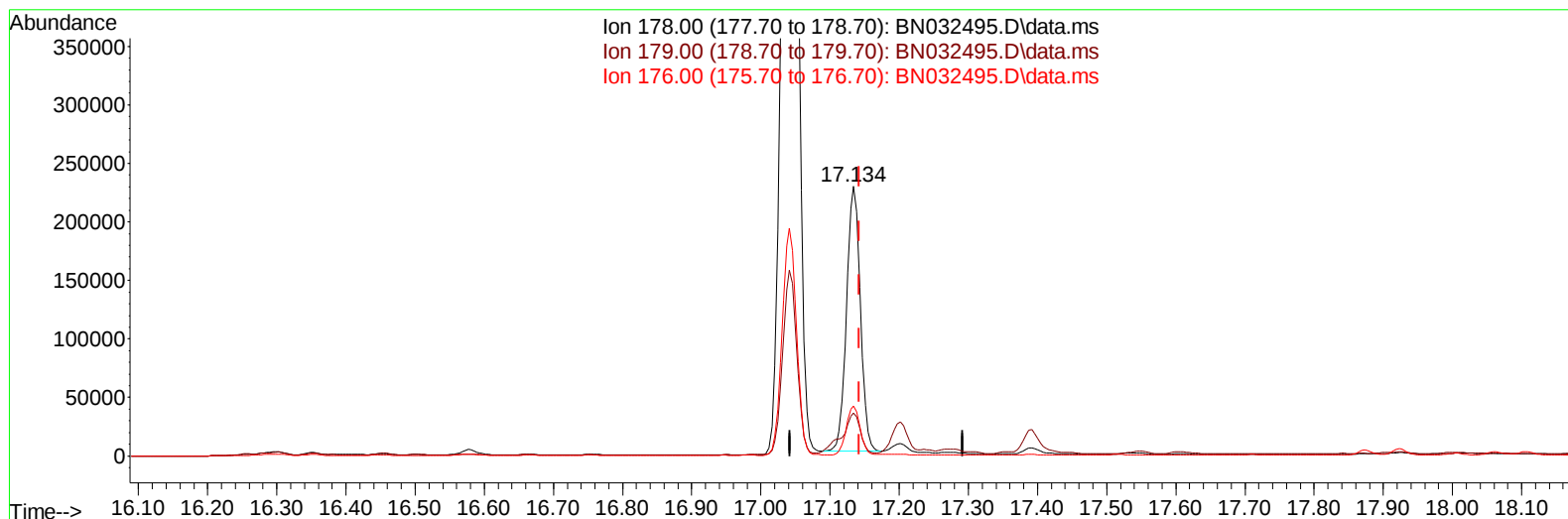
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(16) Anthracene

17.134min (-0.009) 4.59 ng/u1 m

response 313315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	15.89
176.00	18.80	18.55
0.00	0.00	0.00

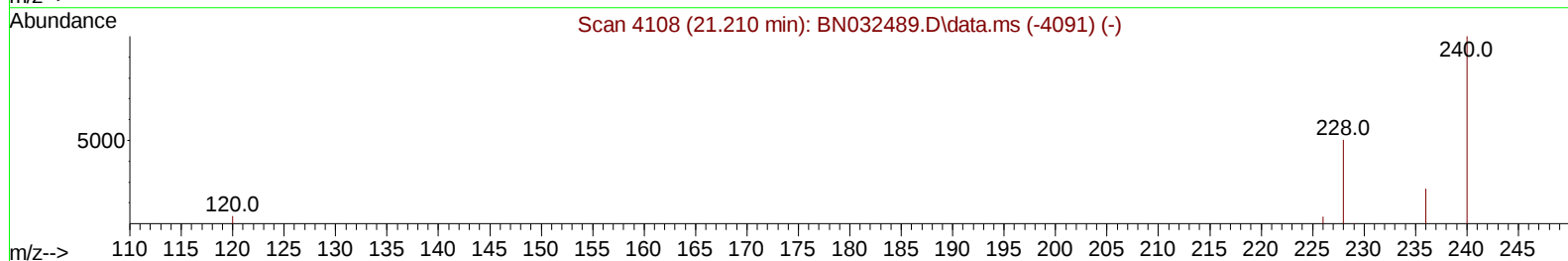
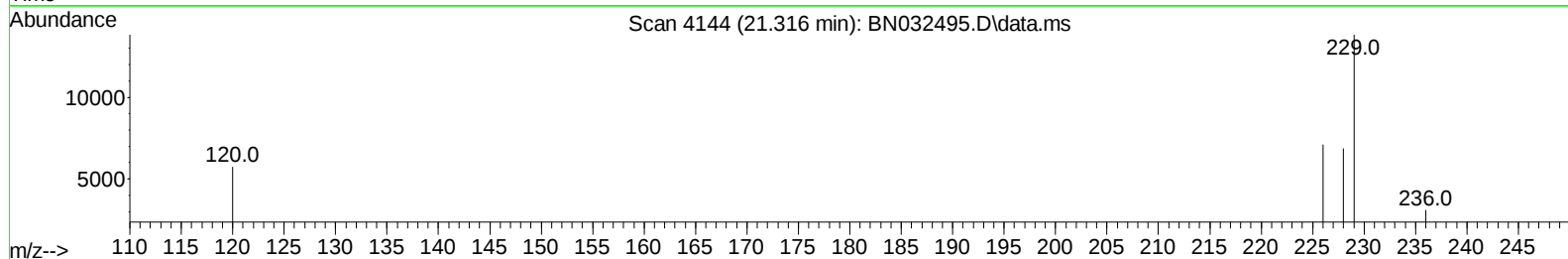
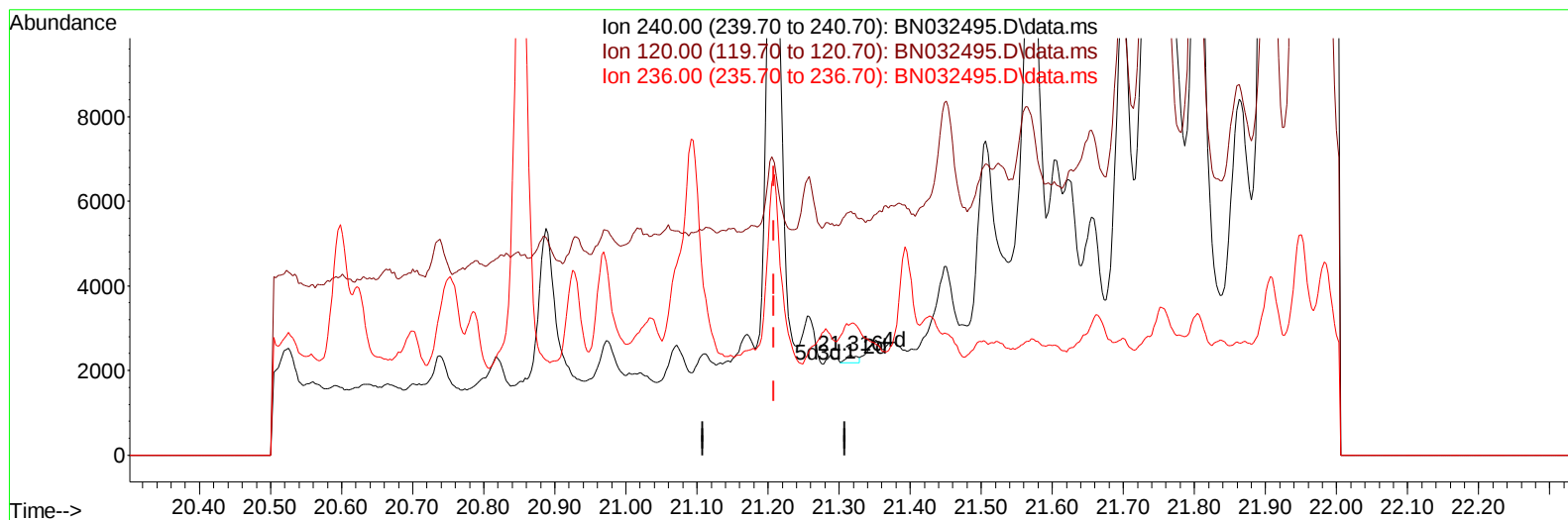
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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TIC: BN032495.D\data.ms

(17) Chrysene-d12

21.316min (+ 0.108) 0.40 ng/u1

response 202

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	243.98#
236.00	28.40	131.57#
0.00	0.00	0.00

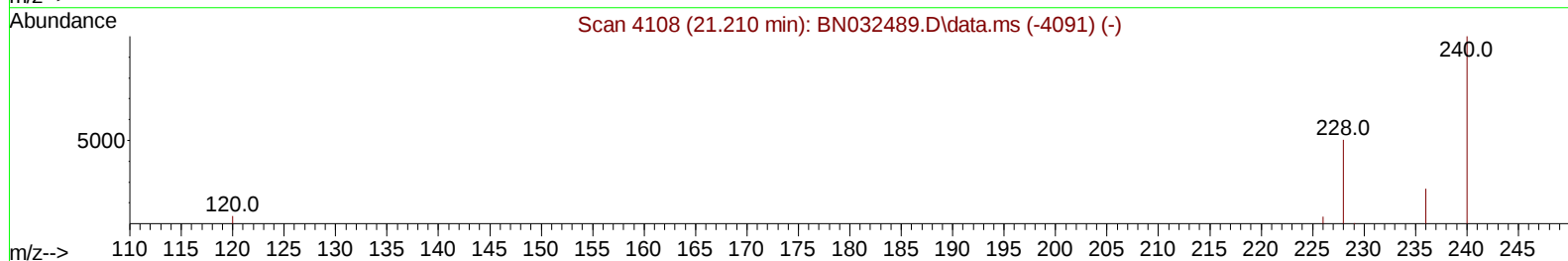
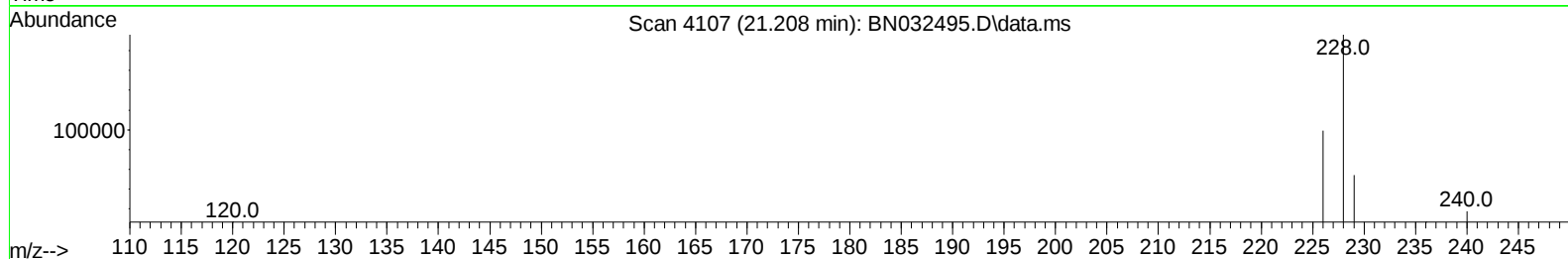
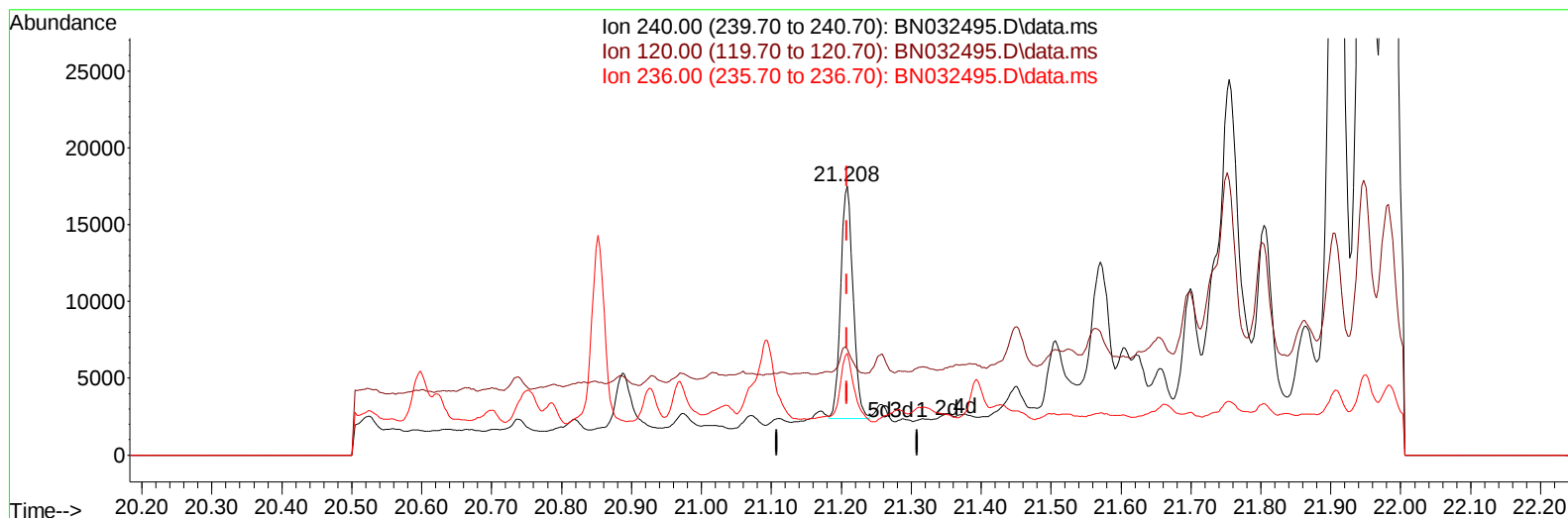
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(17) Chrysene-d12

21.208min (-0.000) 0.40 ng/ul m

response 18509

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	39.52#
236.00	28.40	37.88#
0.00	0.00	0.00

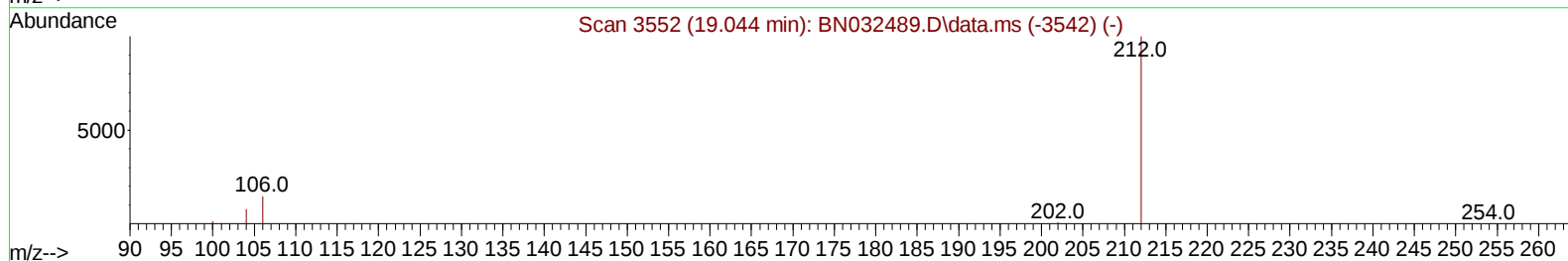
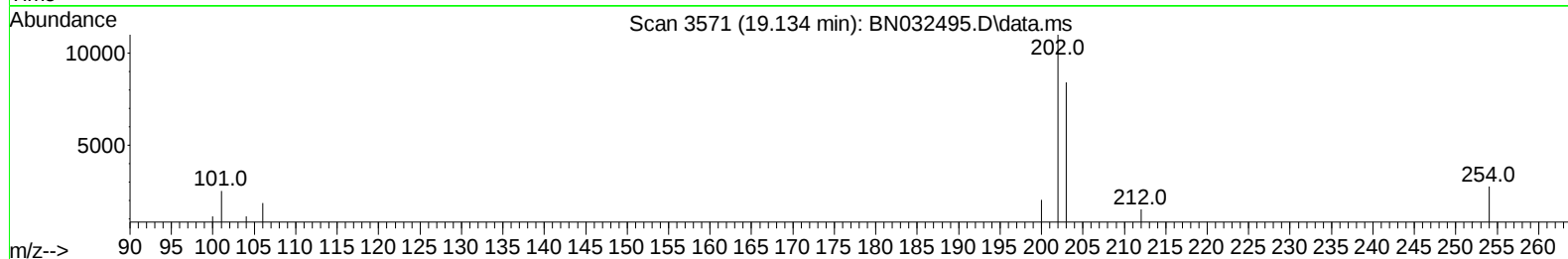
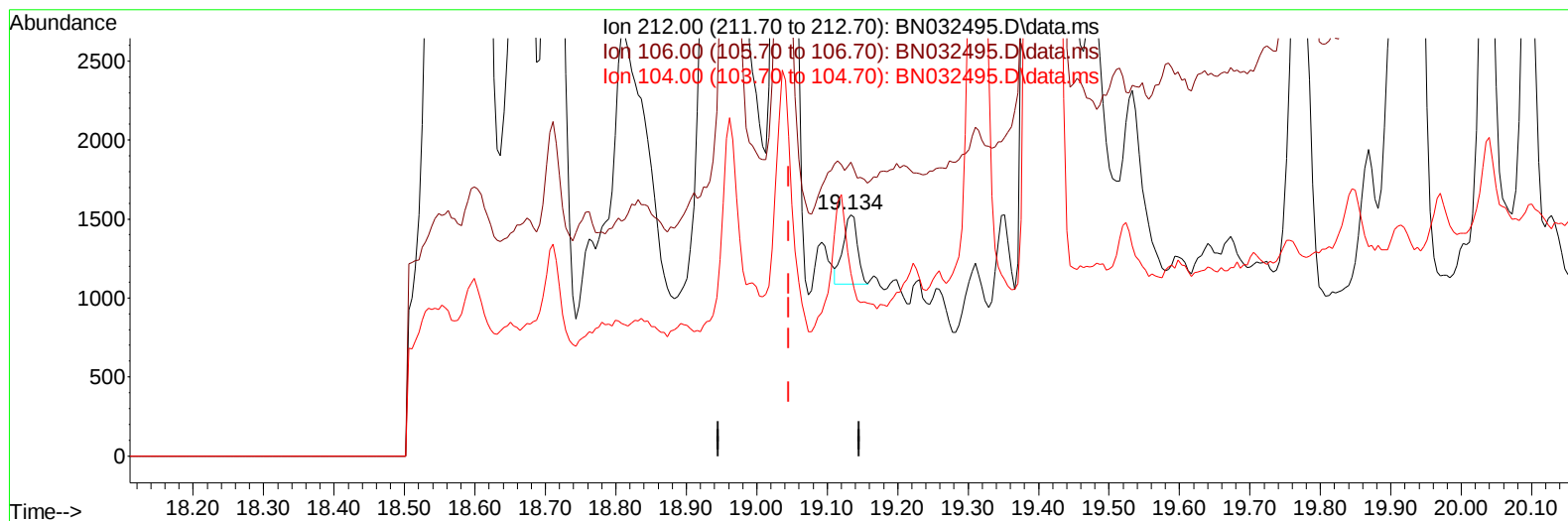
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.134min (+ 0.088) 0.01 ng/u1

response 625

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	193.76#
104.00	8.40	310.40#
0.00	0.00	0.00

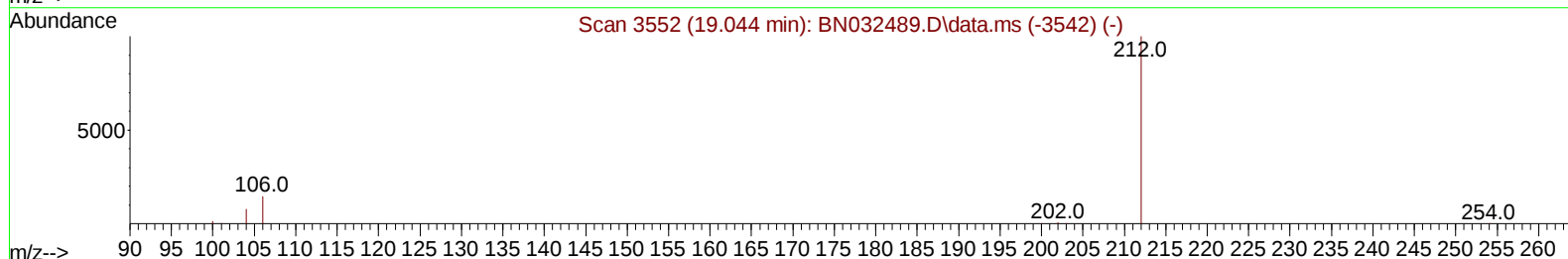
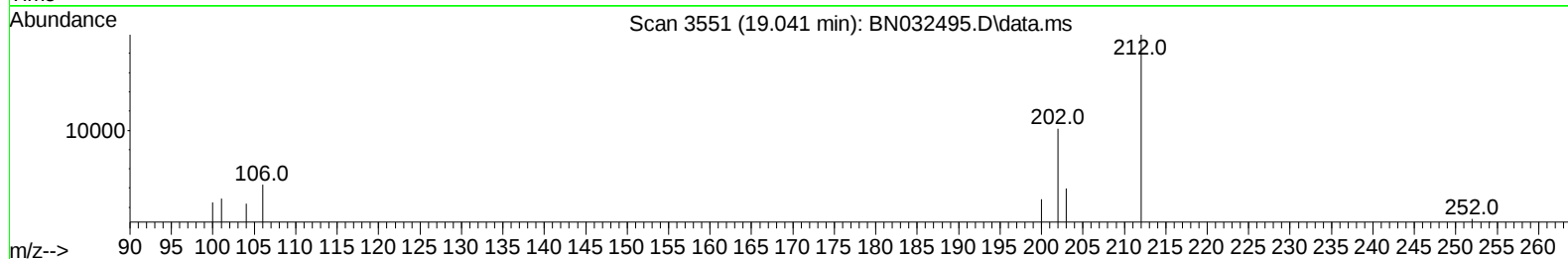
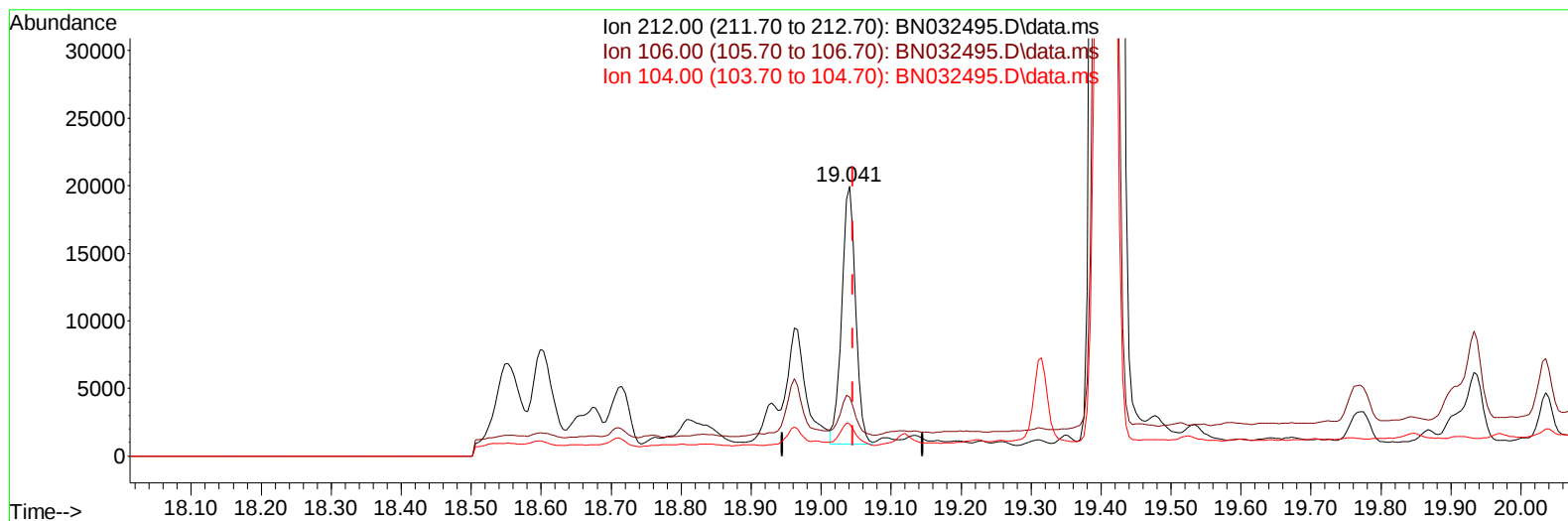
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.041min (-0.005) 0.47 ng/ul m

response 26339

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.70	4.60#
104.00	8.40	7.37
0.00	0.00	0.00

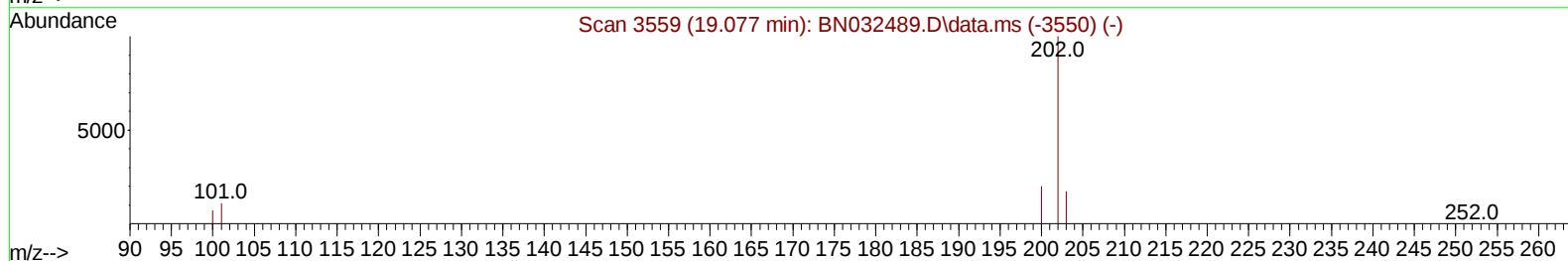
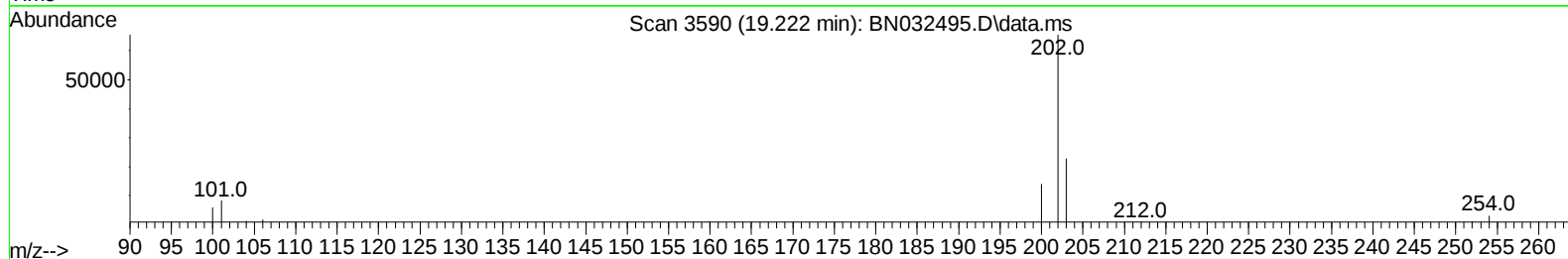
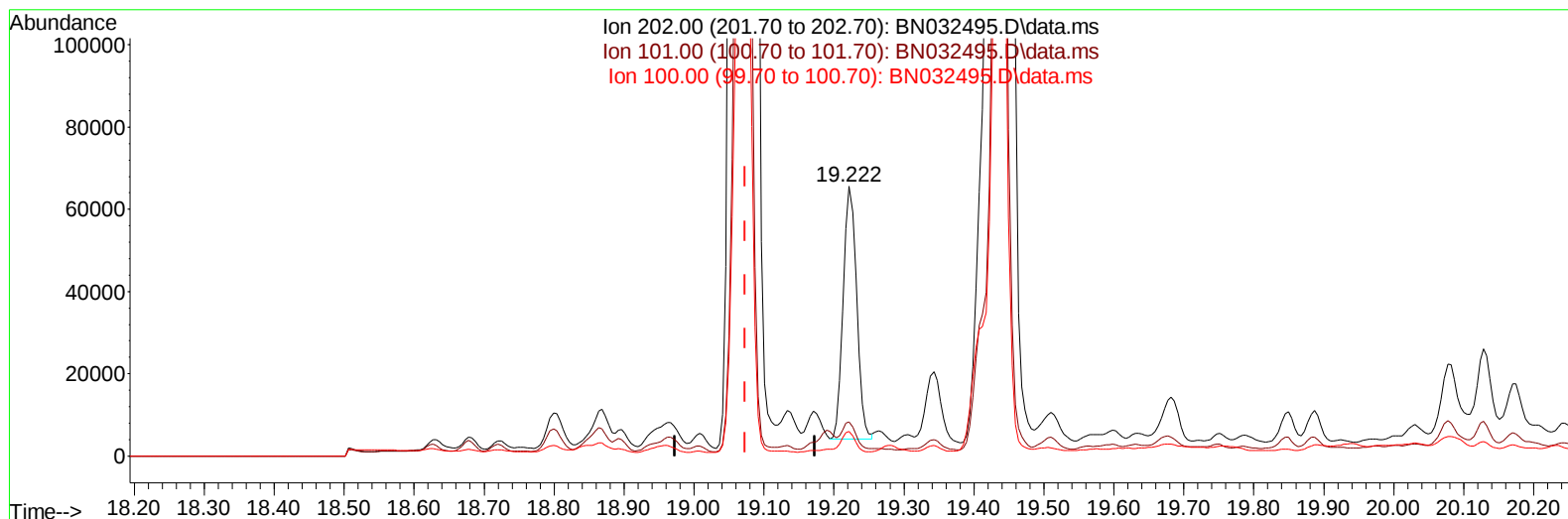
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(19) Fluoranthene (C)

19.222min (+ 0.149) 1.16 ng/u1

response 81622

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	12.60
100.00	8.00	8.99
0.00	0.00	0.00

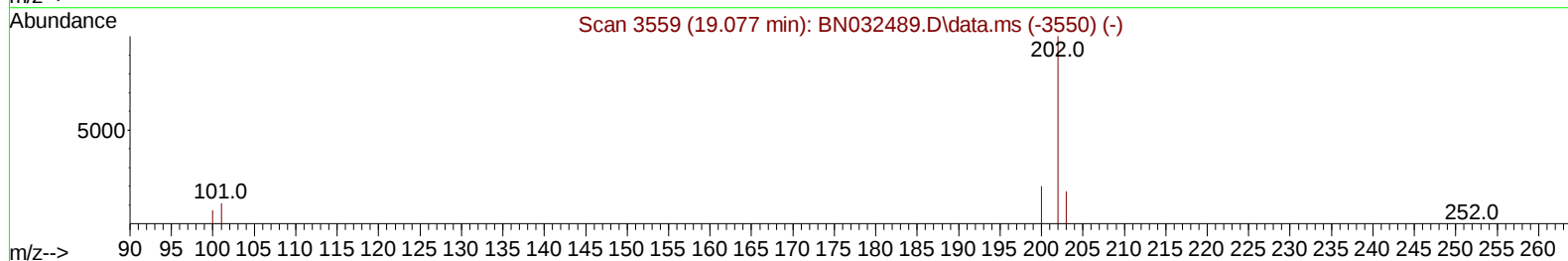
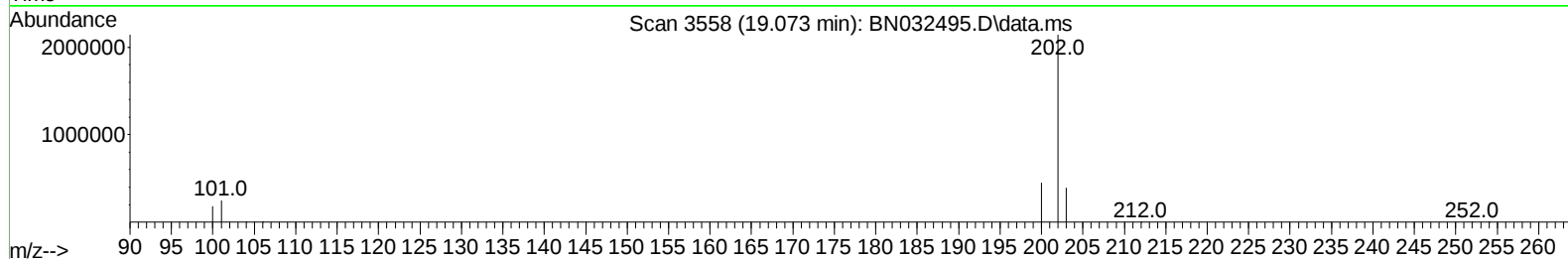
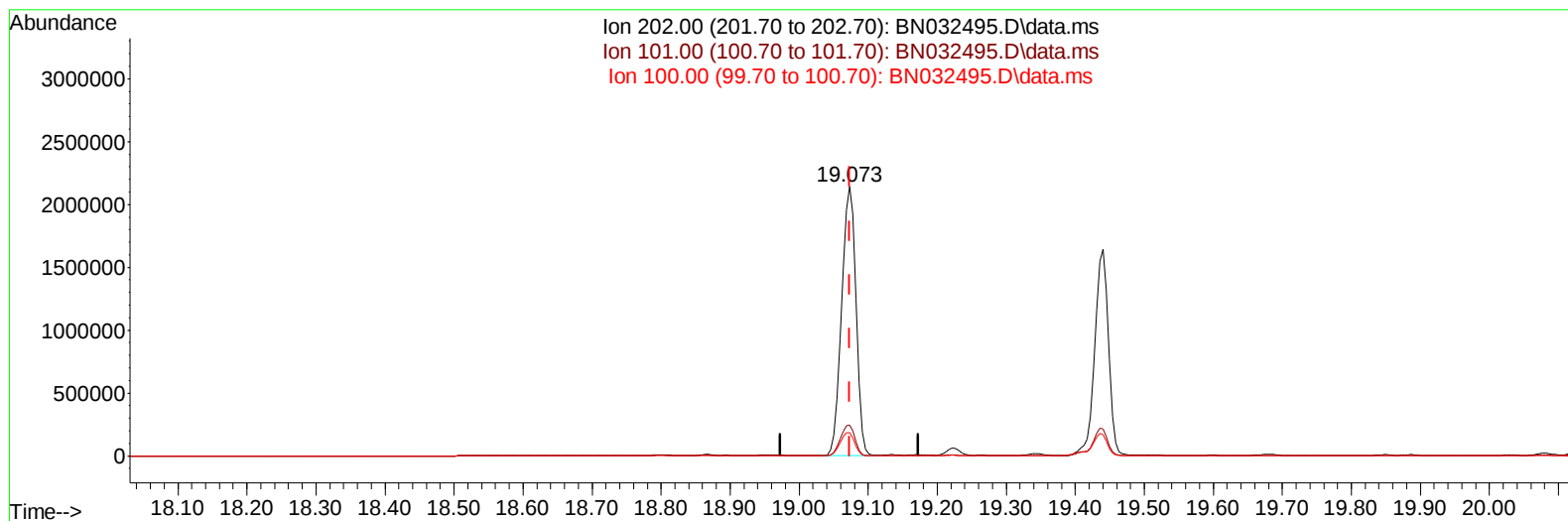
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(19) Fluoranthene (C)

19.073min (-0.000) 44.35 ng/ul m

response 3125660

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.00	11.57
100.00	8.00	8.62
0.00	0.00	0.00

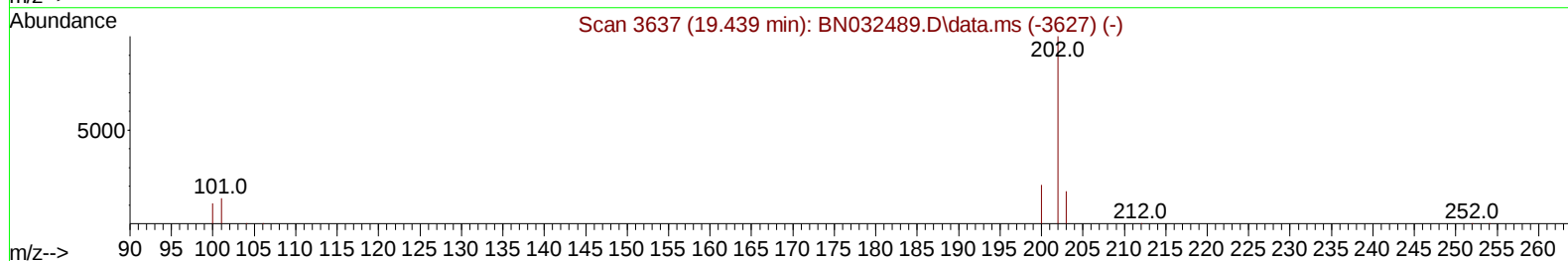
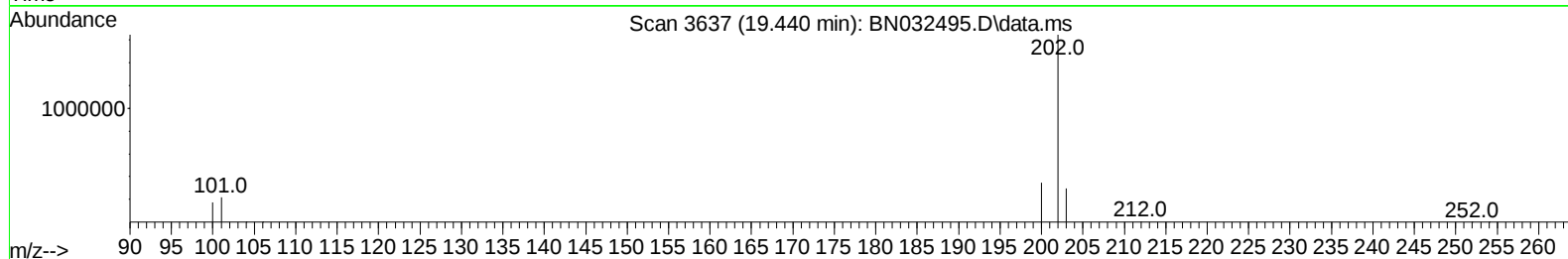
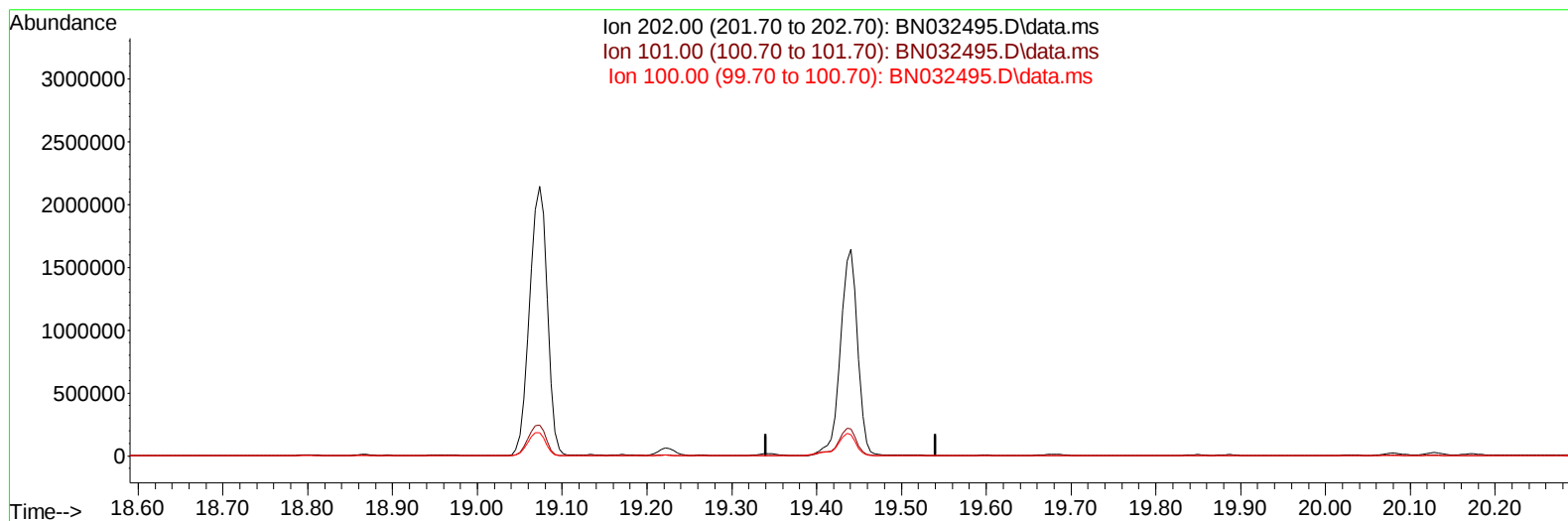
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(20) Pyrene

19.440min (-19.440) 0.00 ng/u1

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

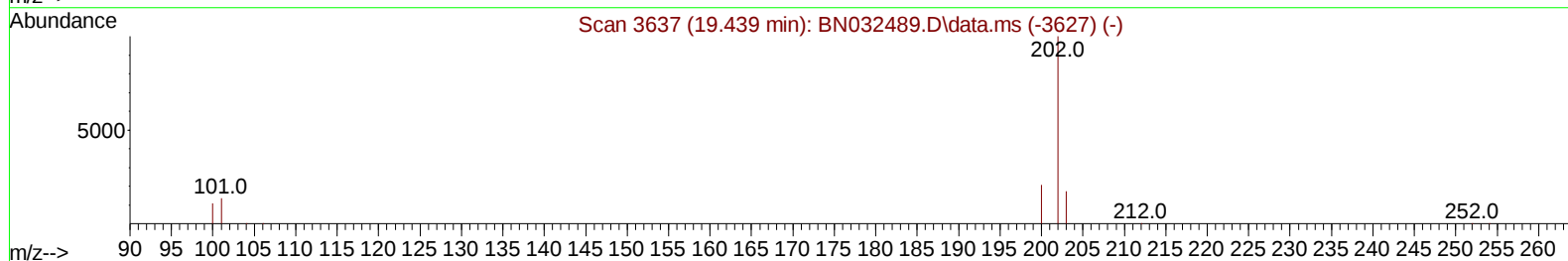
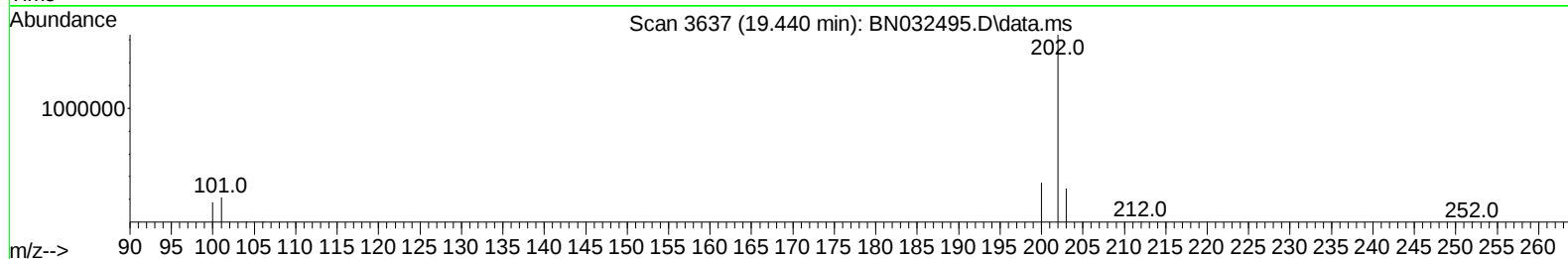
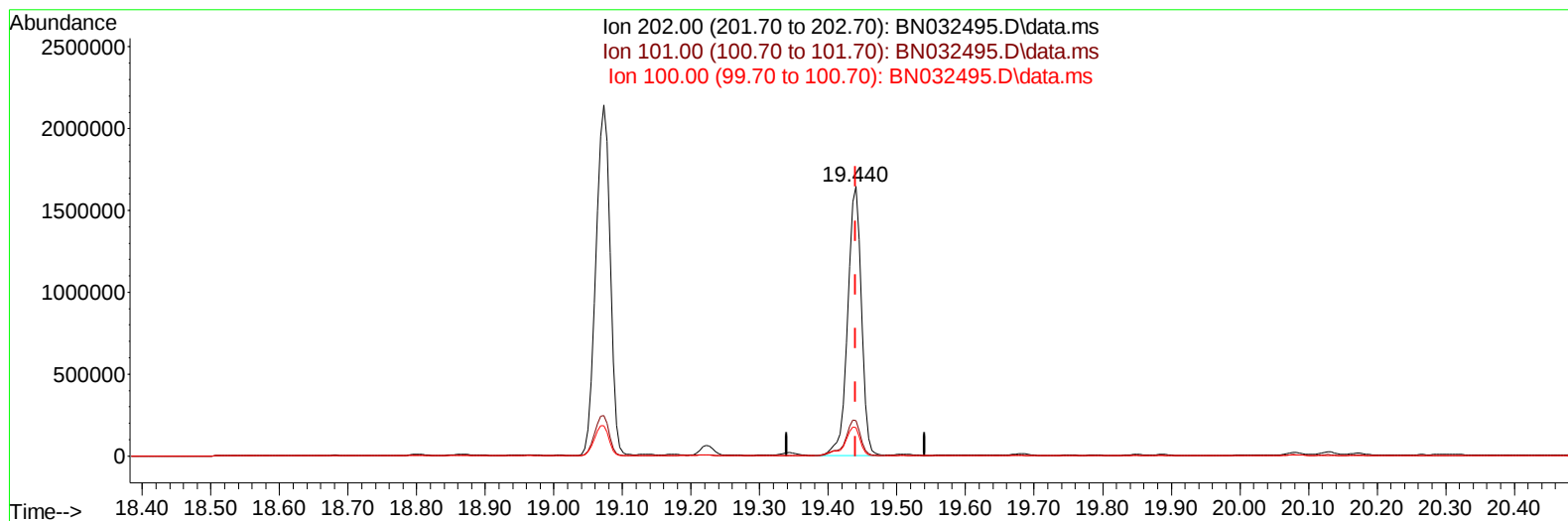
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(20) Pyrene

19.440min (-0.000) 31.36 ng/ul m

response 2309837

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	13.09
100.00	10.90	10.44
0.00	0.00	0.00

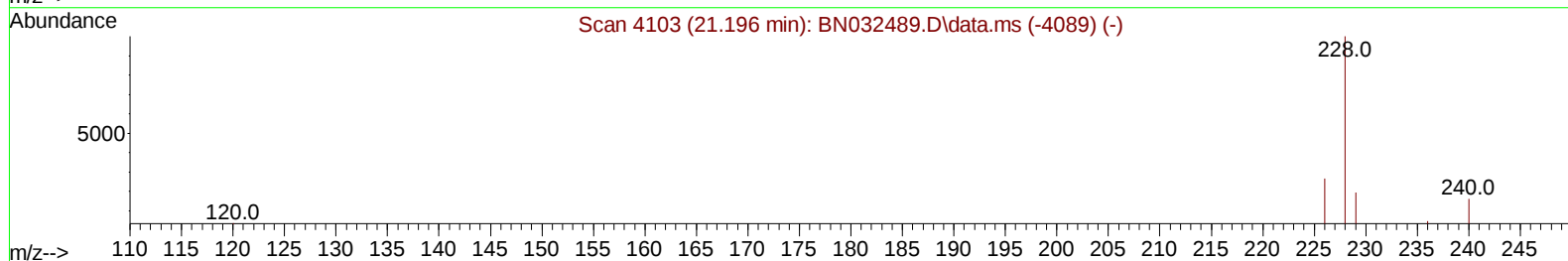
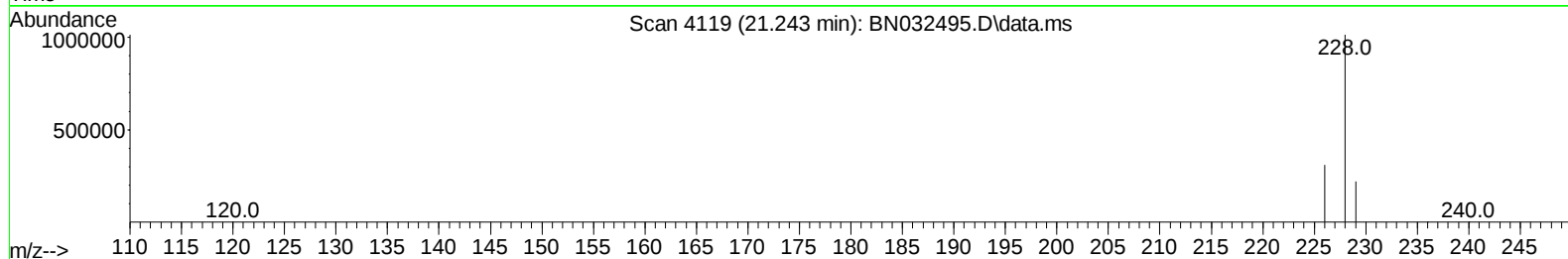
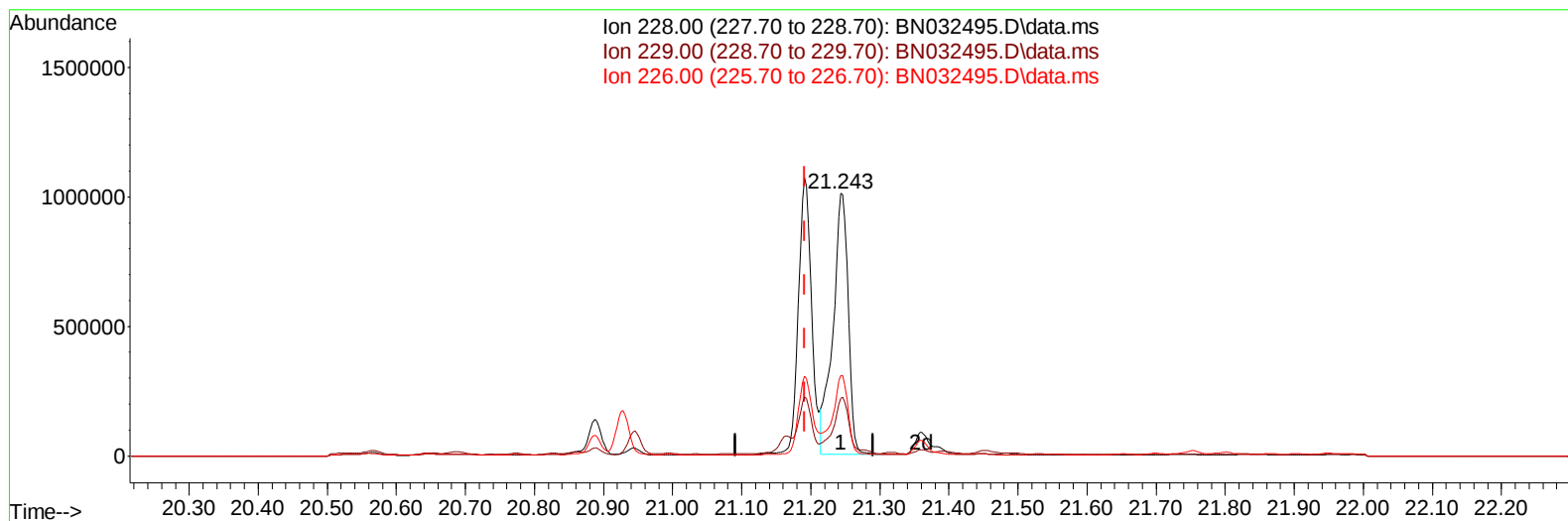
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
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TIC: BN032495.D\data.ms

(21) Benzo(a)anthracene

21.243min (+ 0.052) 23.26 ng/u1

response 1553999

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.03
226.00	27.30	30.67
0.00	0.00	0.00

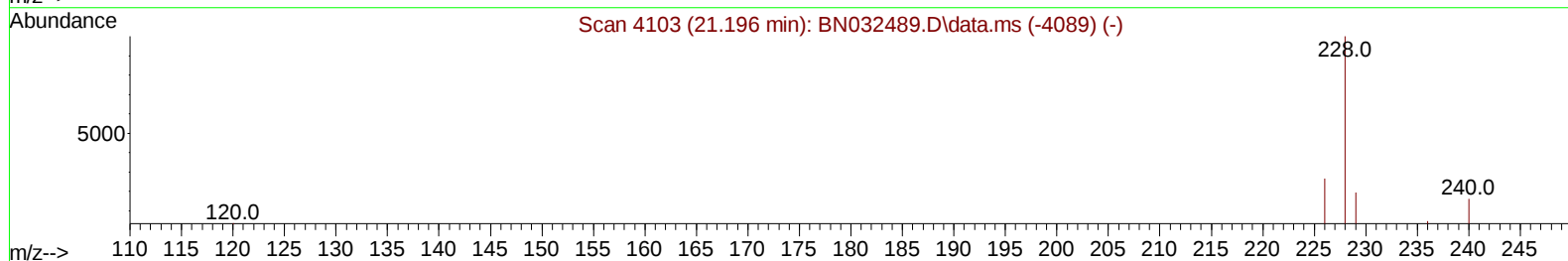
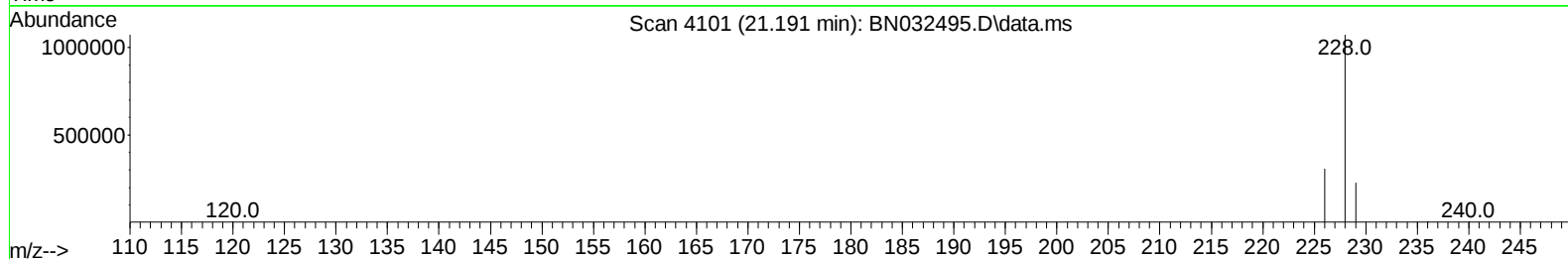
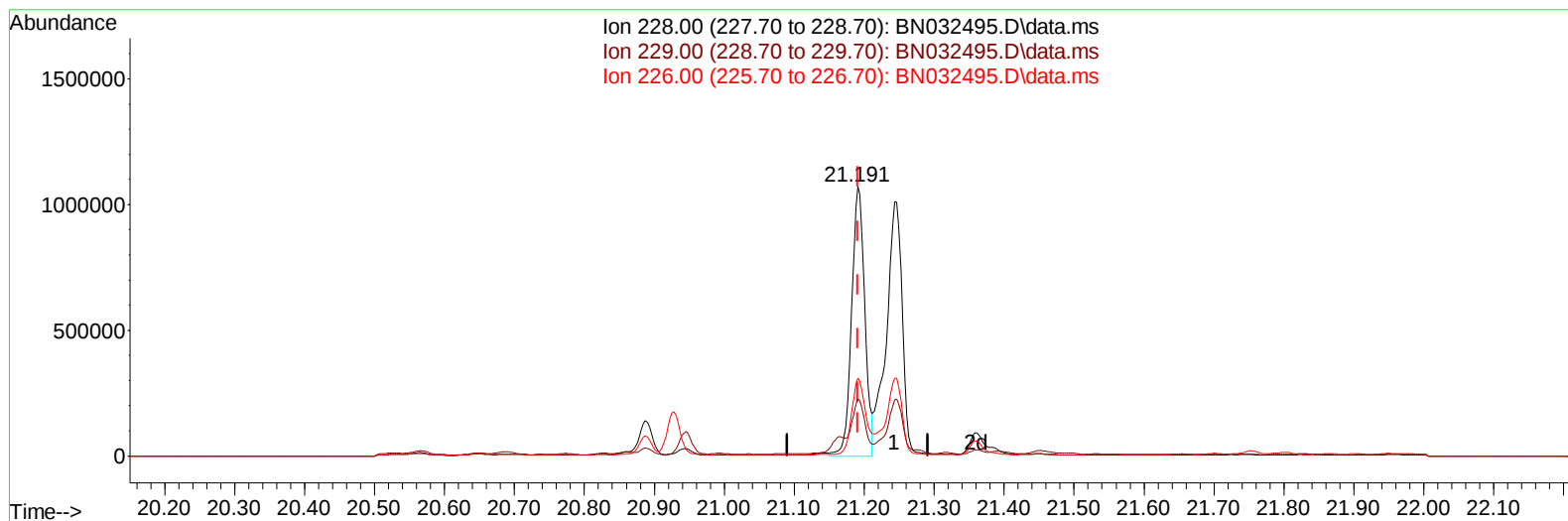
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(21) Benzo(a)anthracene

21.191min (-0.000) 21.09 ng/ul m

response 1408877

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	21.11
226.00	27.30	28.80
0.00	0.00	0.00

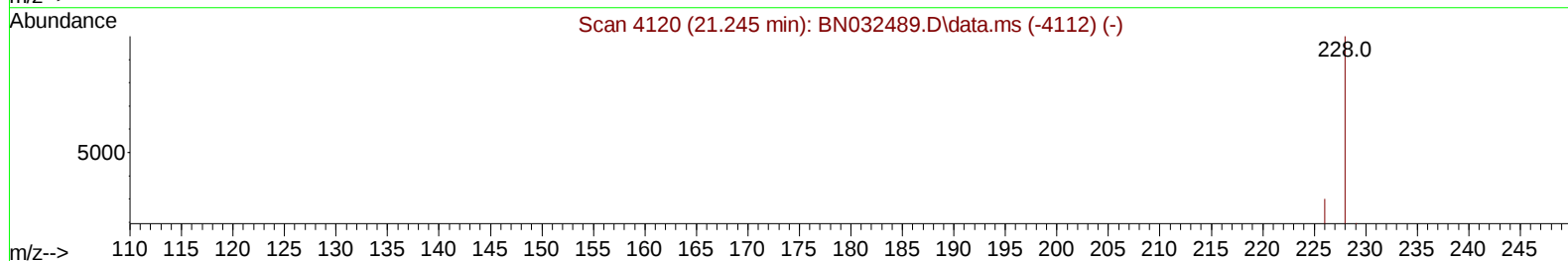
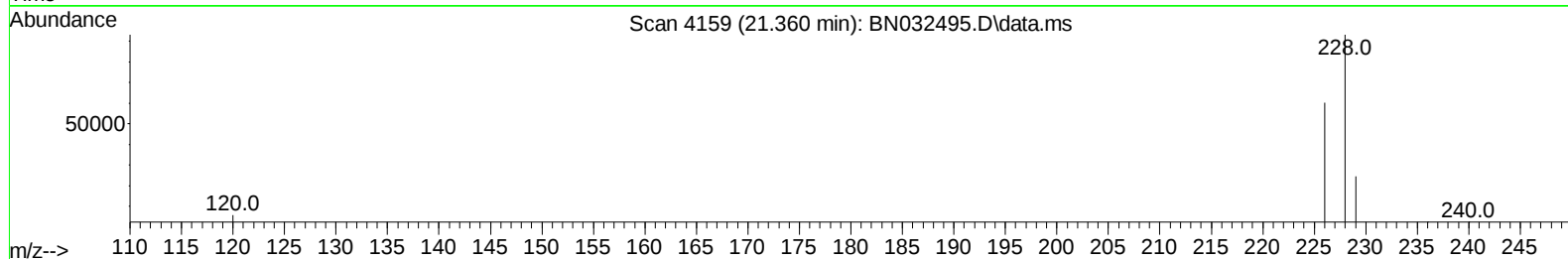
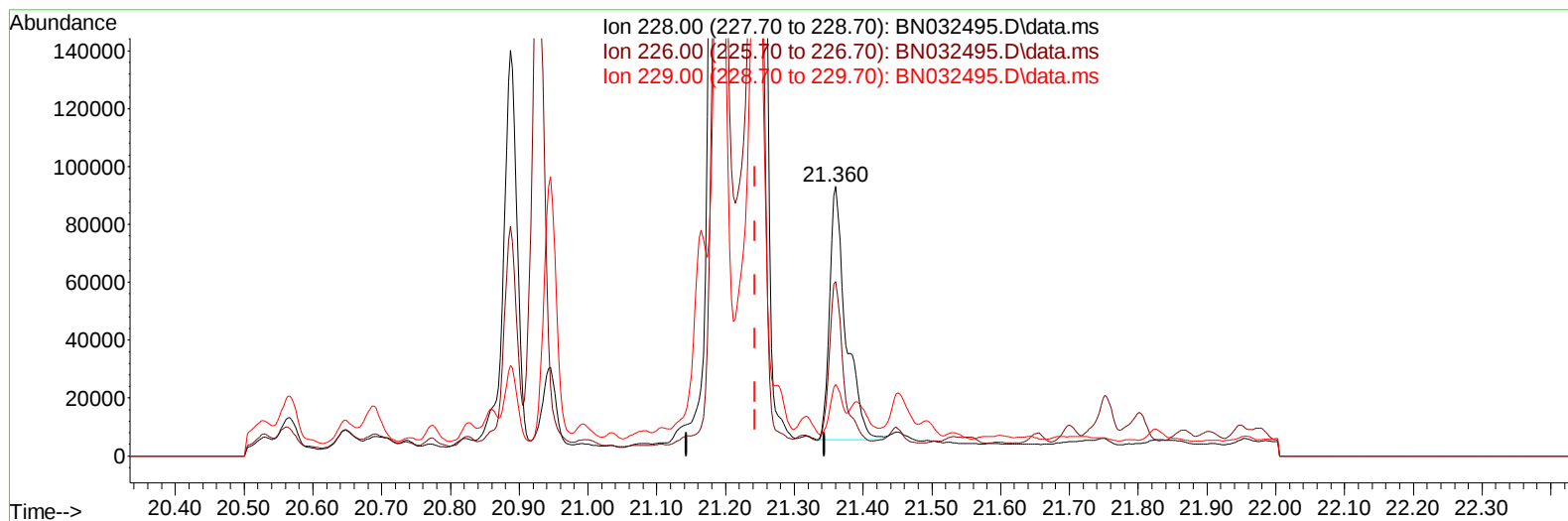
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(22) Chrysene

21.360min (+ 0.117) 1.99 ng/u1

response 145682

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	64.63#
229.00	19.60	26.44#
0.00	0.00	0.00

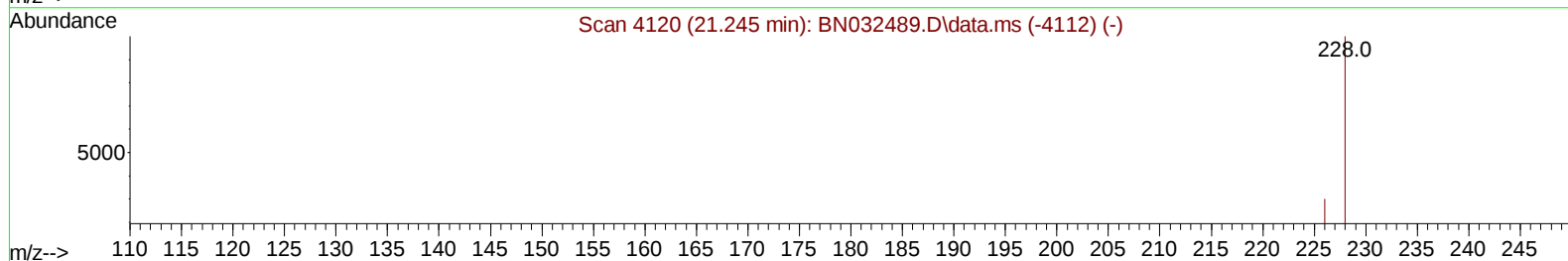
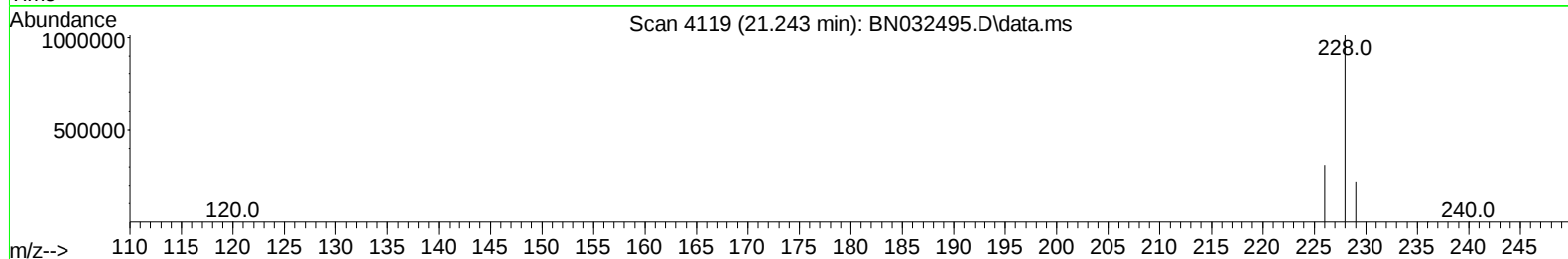
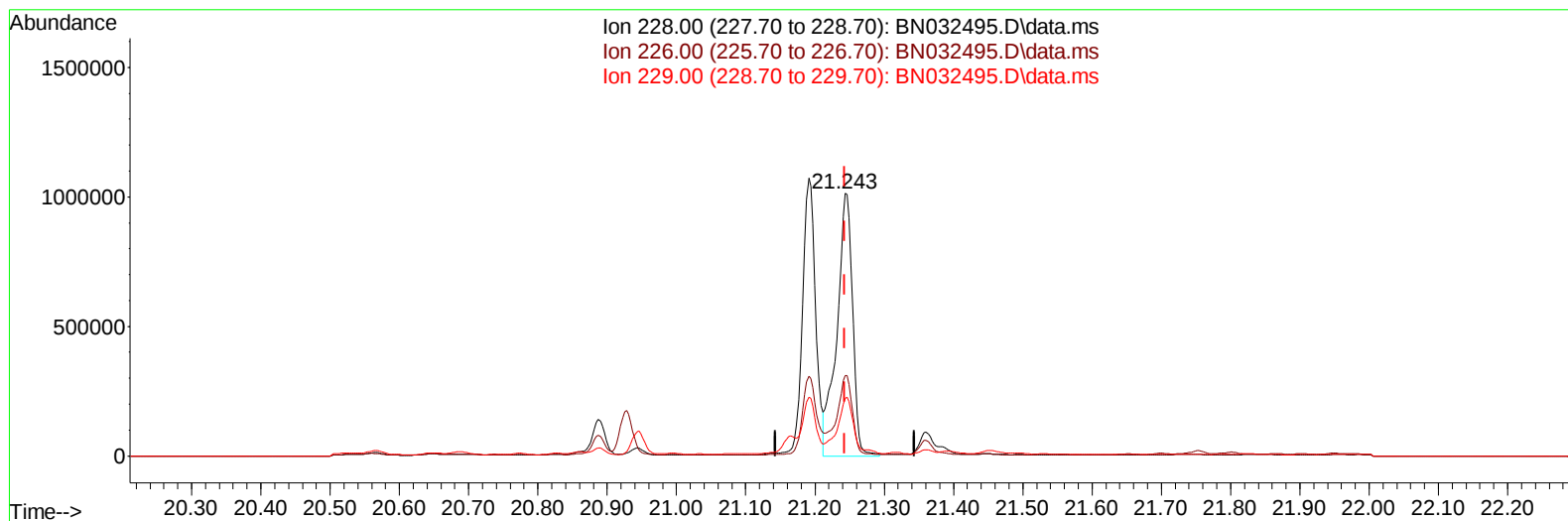
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(22) Chrysene

21.243min (-0.000) 22.01 ng/ul m

response 1614105

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	30.67
229.00	19.60	22.03
0.00	0.00	0.00

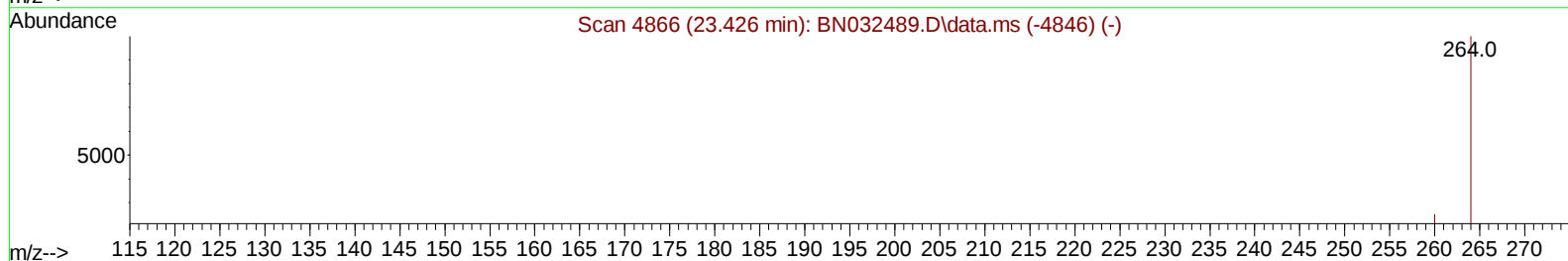
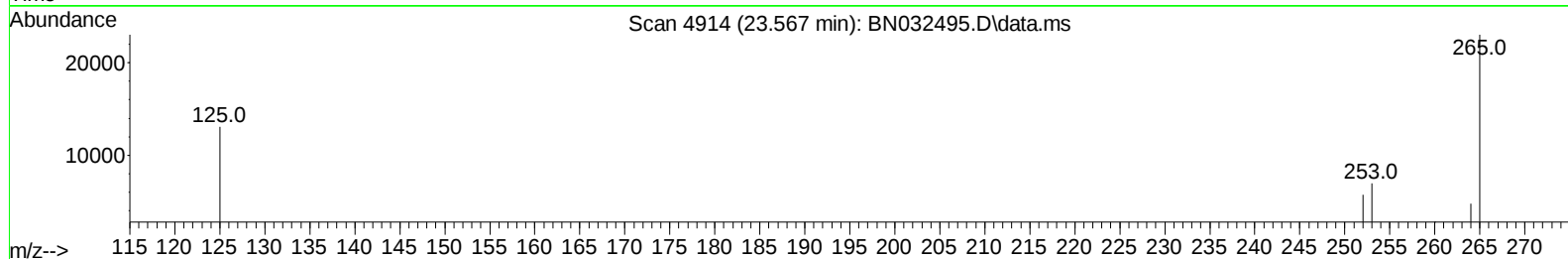
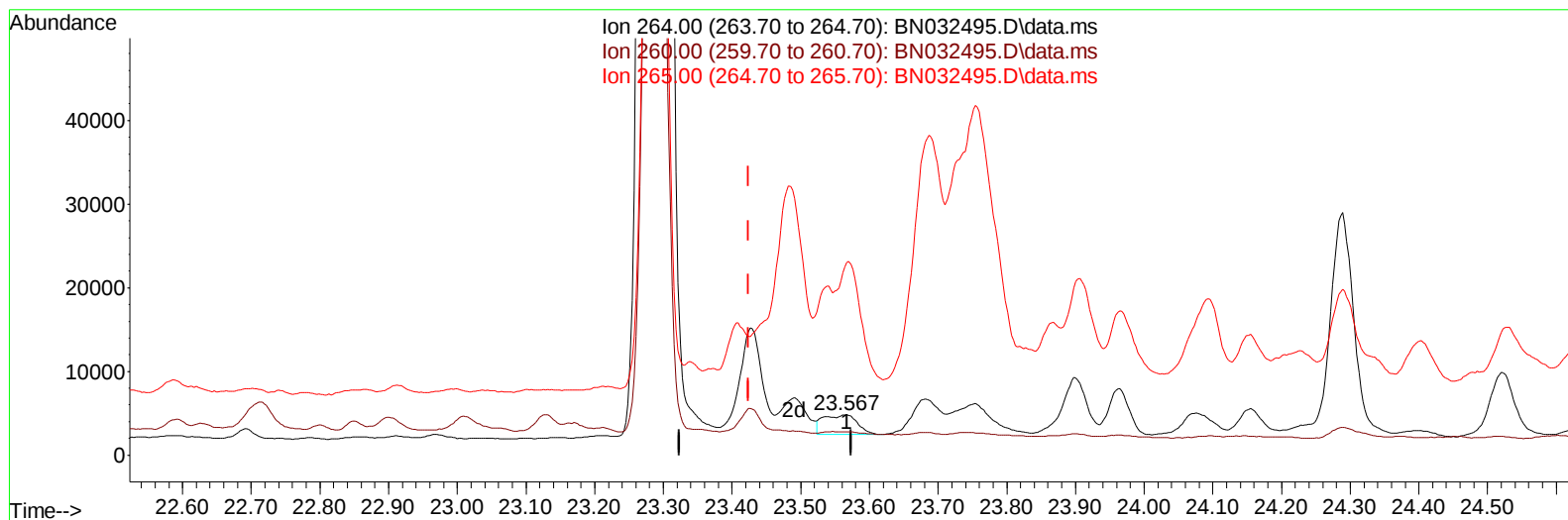
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
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TIC: BN032495.D\data.ms

(23) Perylene-d12 (I)

23.567min (+ 0.143) 0.40 ng/u1

response 8013

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	58.33#
265.00	67.20	480.00#
0.00	0.00	0.00

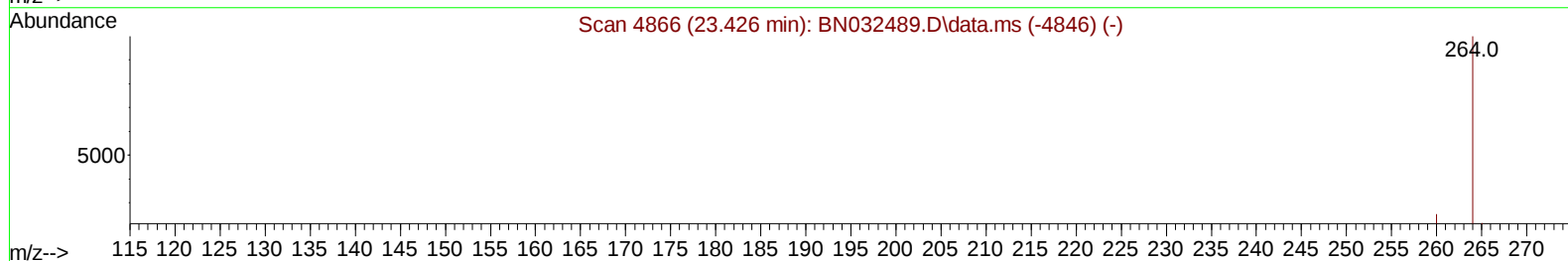
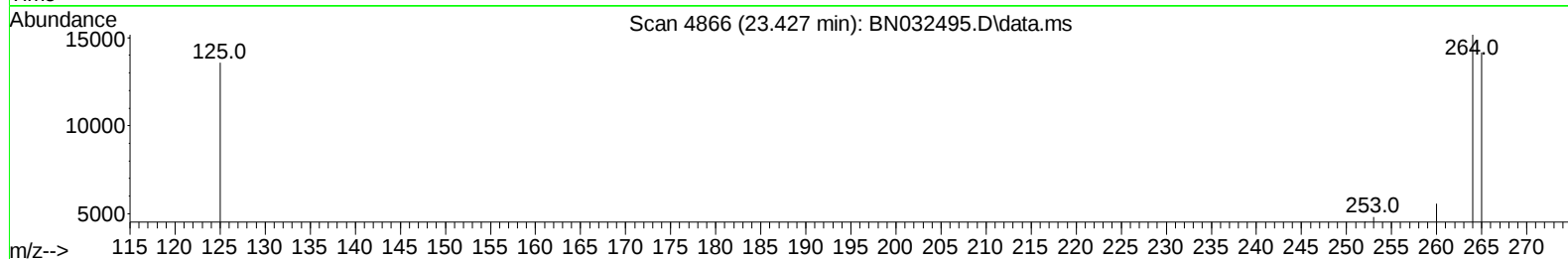
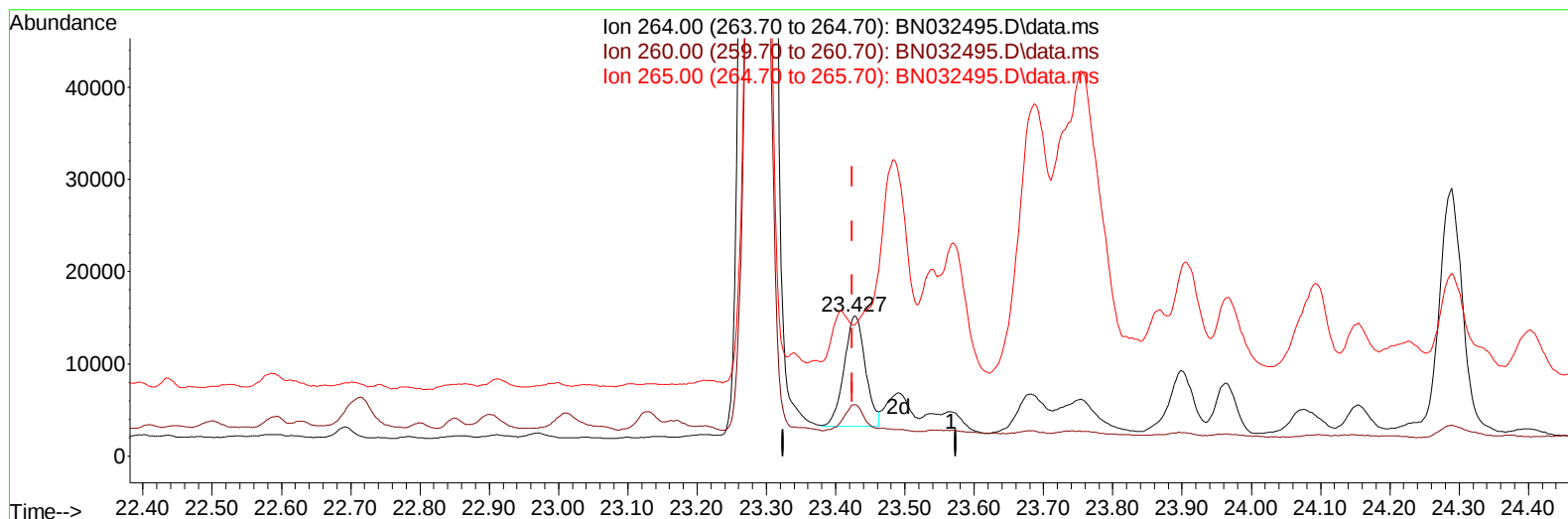
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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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Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(23) Perylene-d12 (I)

23.427min (+ 0.003) 0.40 ng/ul m

response 25677

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	36.71#
265.00	67.20	93.41#
0.00	0.00	0.00

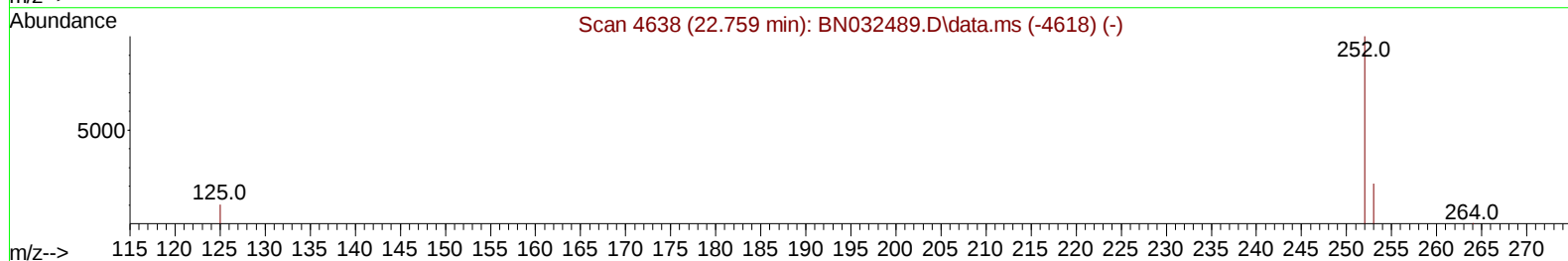
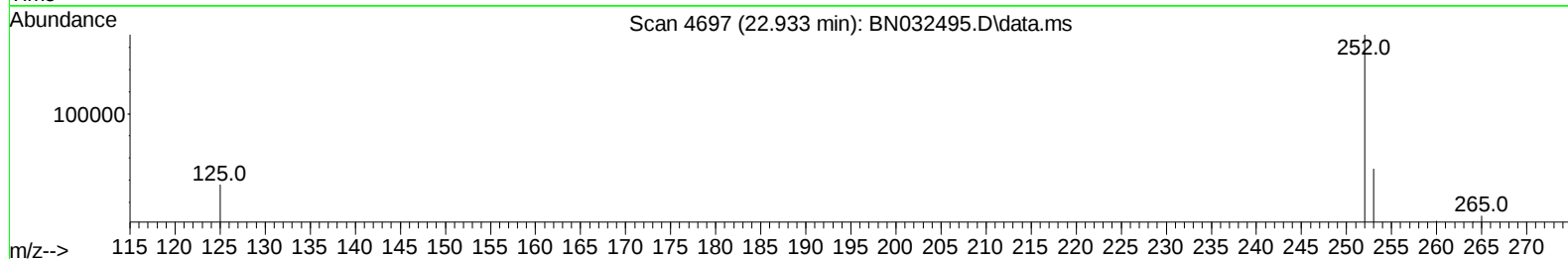
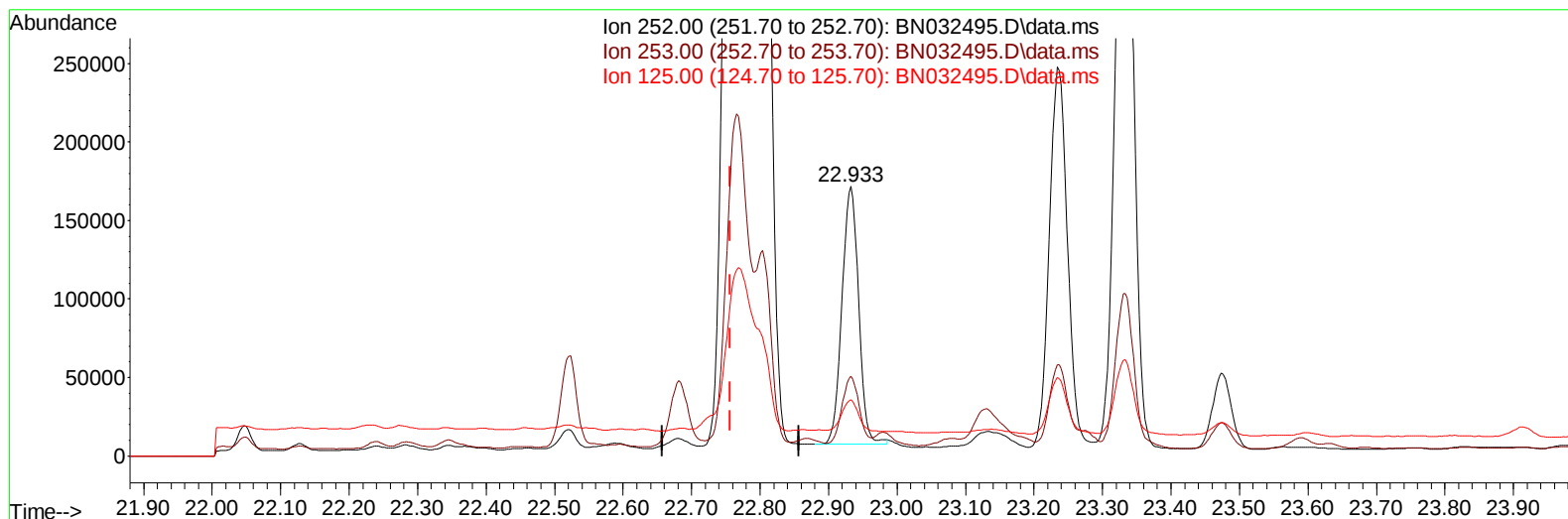
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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Reviewed By :Yogesh Patel 07/05/2024
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TIC: BN032495.D\data.ms

(24) Benzo(b)fluoranthene

22.933min (+ 0.175) 2.49 ng/u1

response 277371

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	29.53
125.00	16.00	20.89
0.00	0.00	0.00

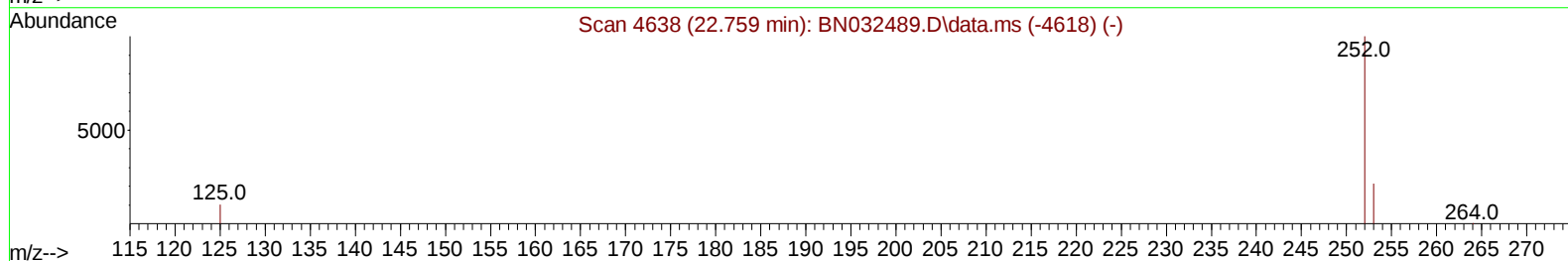
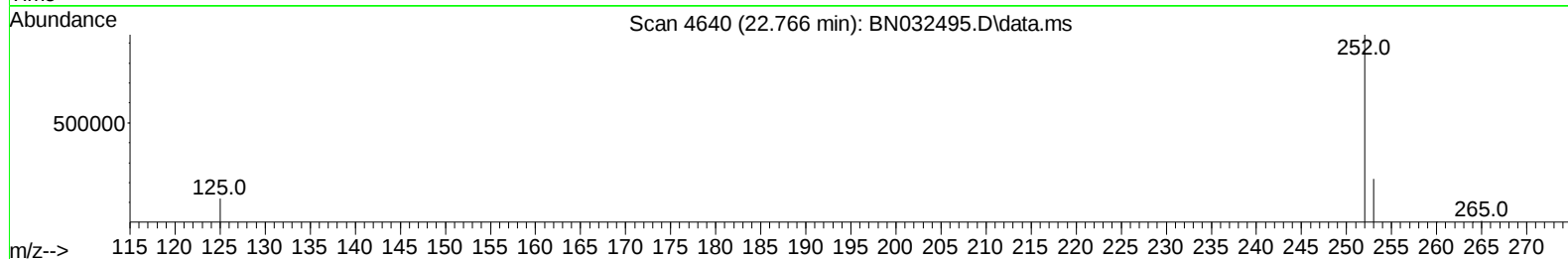
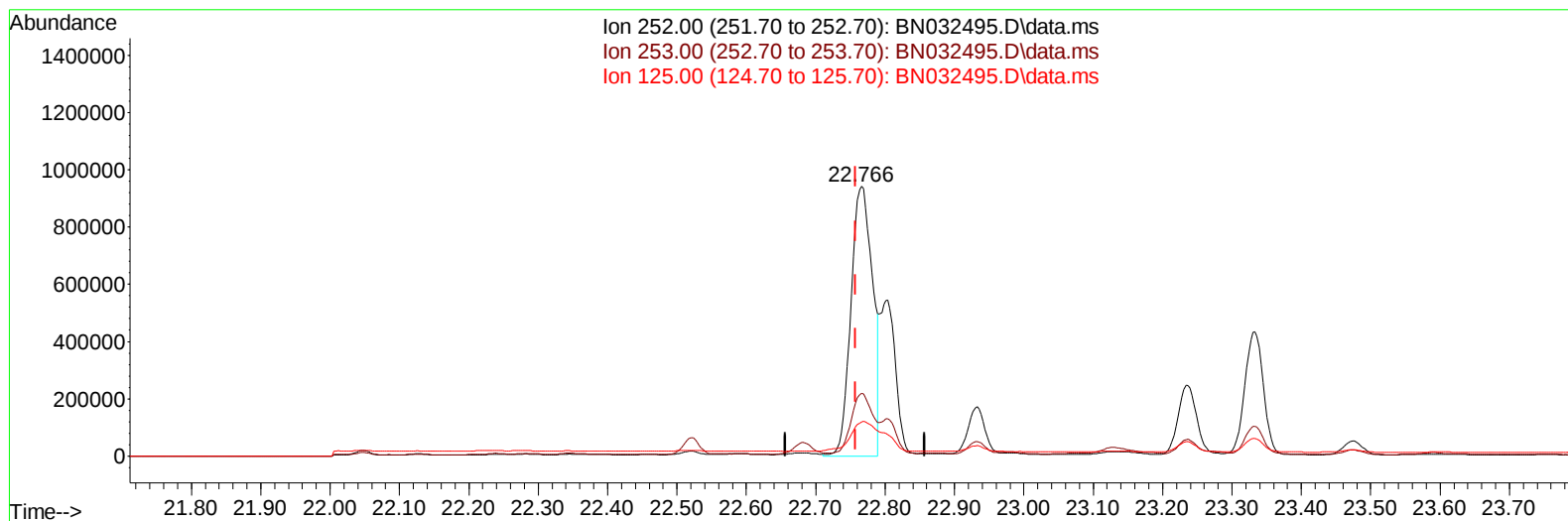
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(24) Benzo(b)fluoranthene

22.766min (+ 0.009) 18.39 ng/ul m

response 2051672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.14
125.00	16.00	12.58
0.00	0.00	0.00

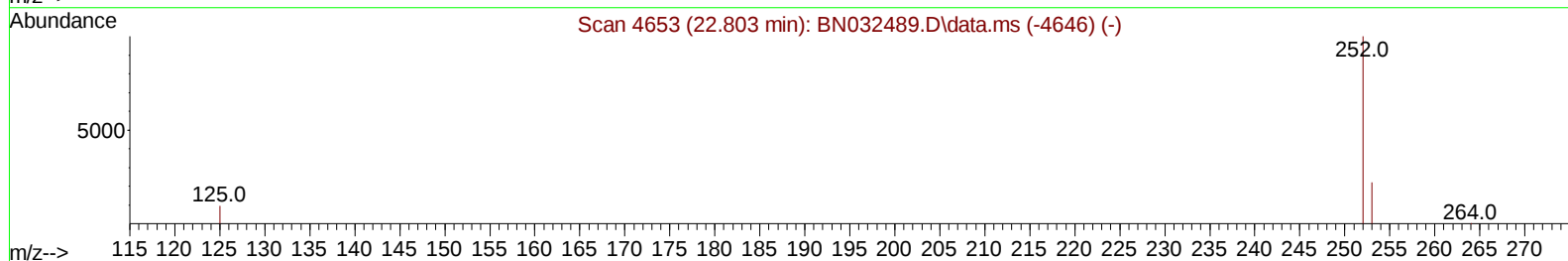
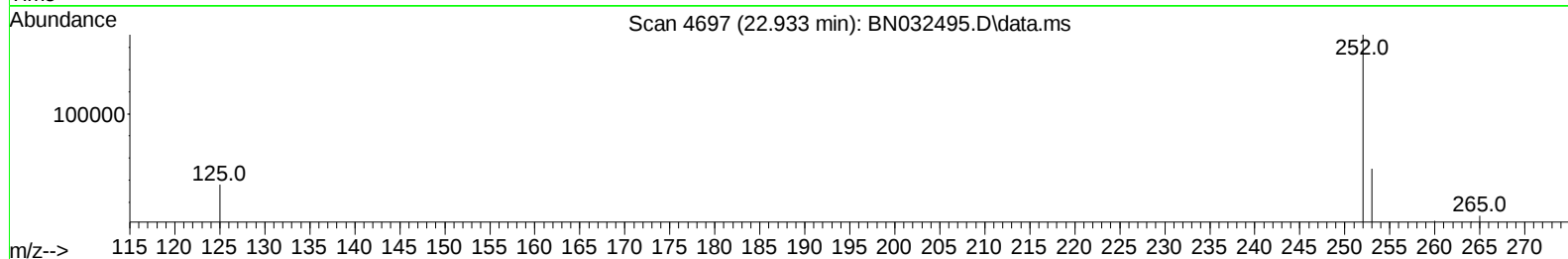
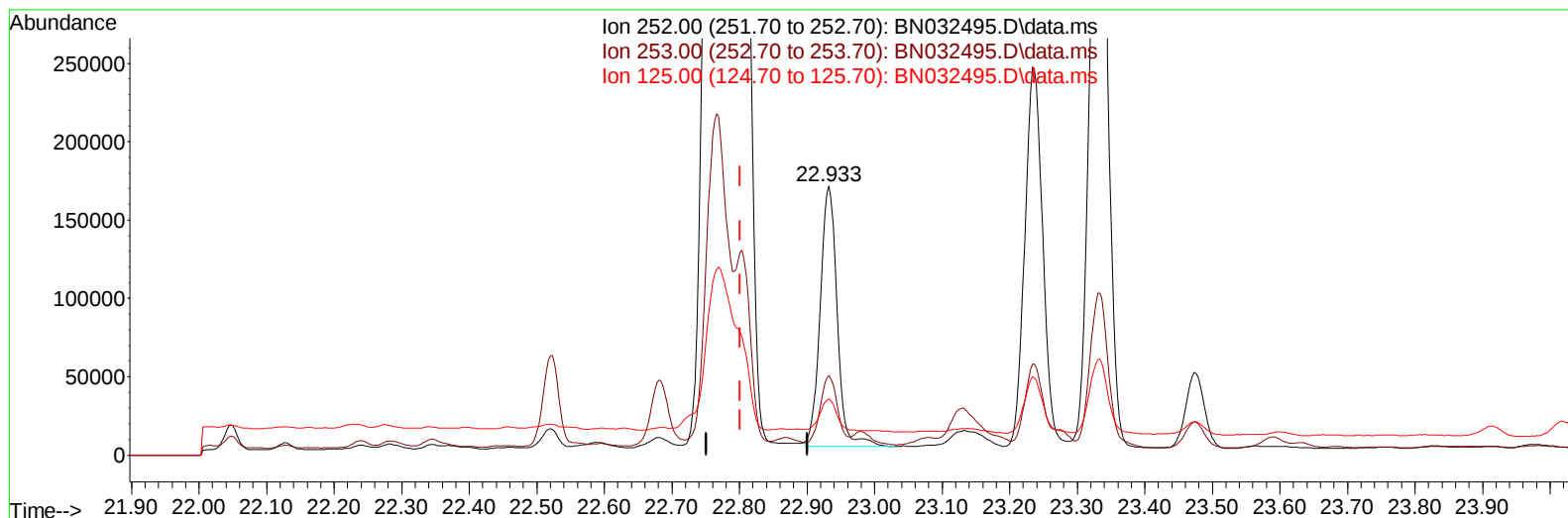
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(25) Benzo(k)fluoranthene

22.933min (+ 0.131) 2.68 ng/u1

response 290475

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	29.53
125.00	16.00	20.89#
0.00	0.00	0.00

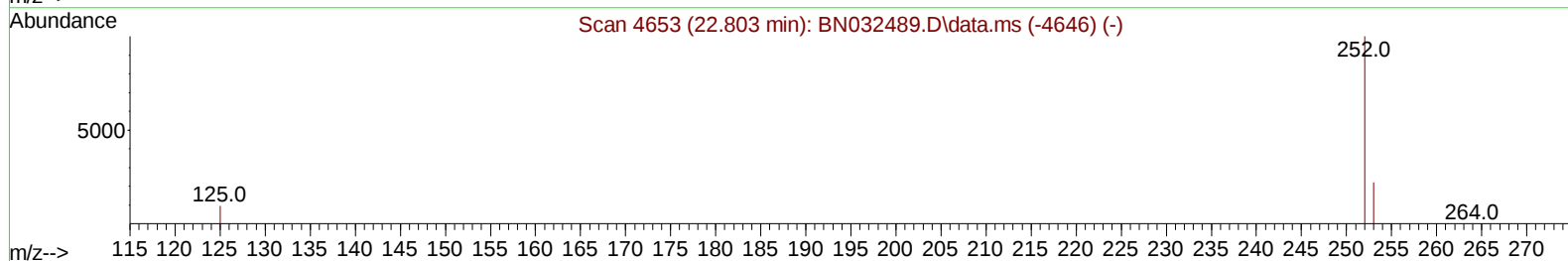
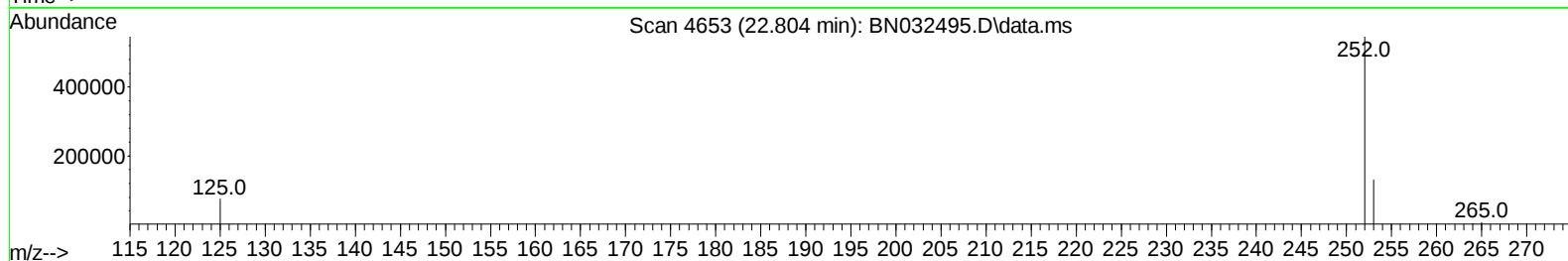
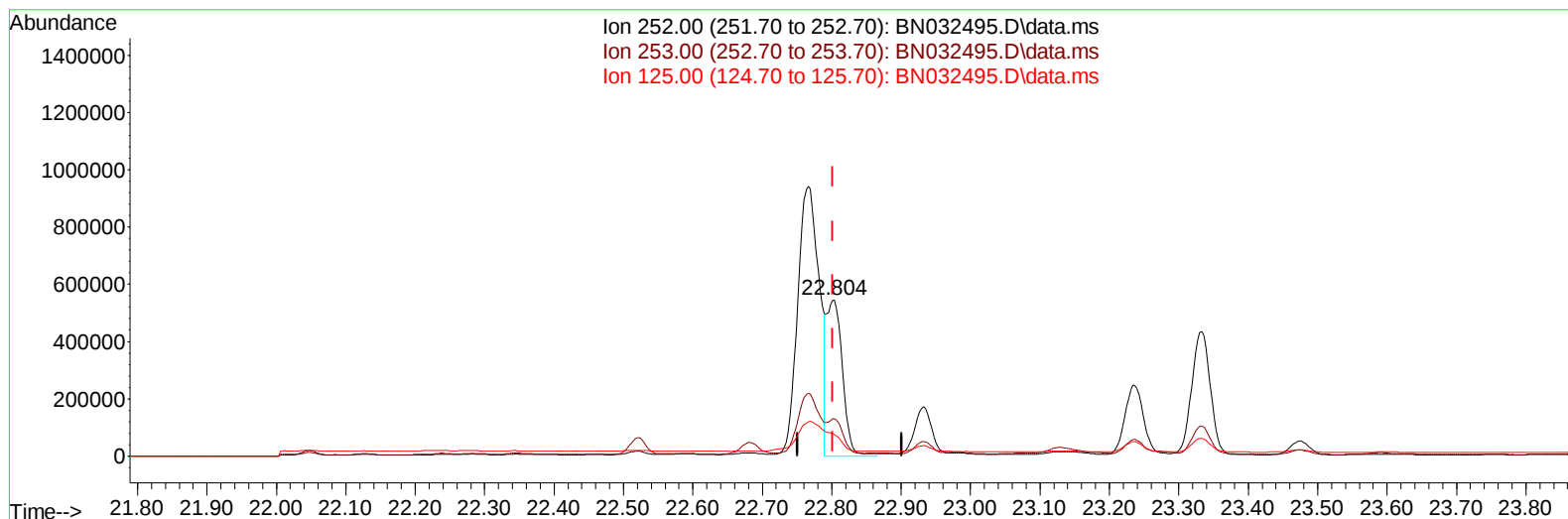
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(25) Benzo(k)fluoranthene

22.804min (+ 0.003) 7.97 ng/u1 m

response 864063

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.00
125.00	16.00	13.82
0.00	0.00	0.00

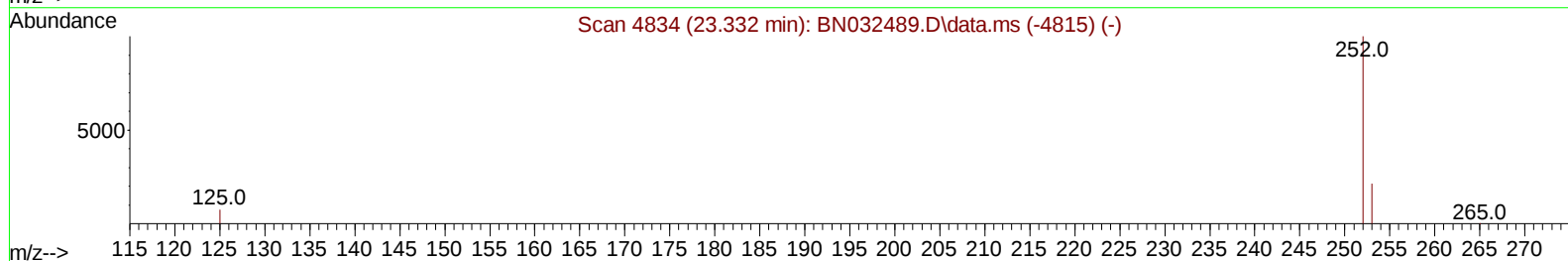
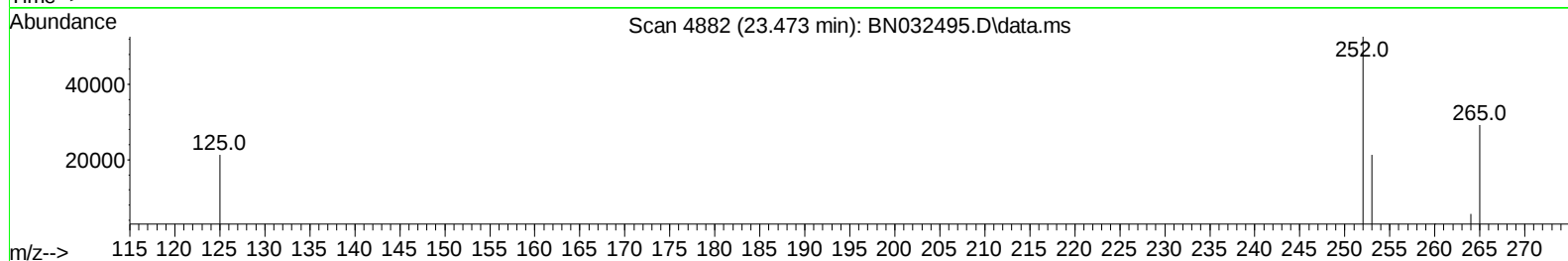
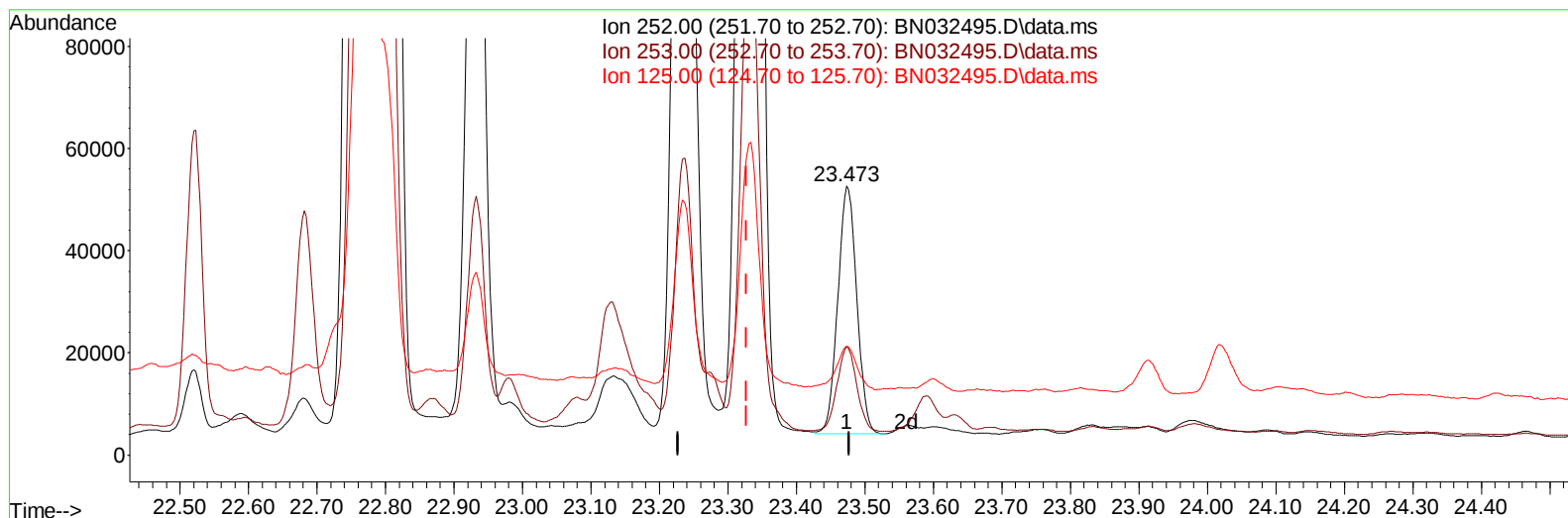
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(26) Benzo(a)pyrene (C)

23.473min (+ 0.146) 1.20 ng/u1

response 93013

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	40.44#
125.00	20.50	40.52#
0.00	0.00	0.00

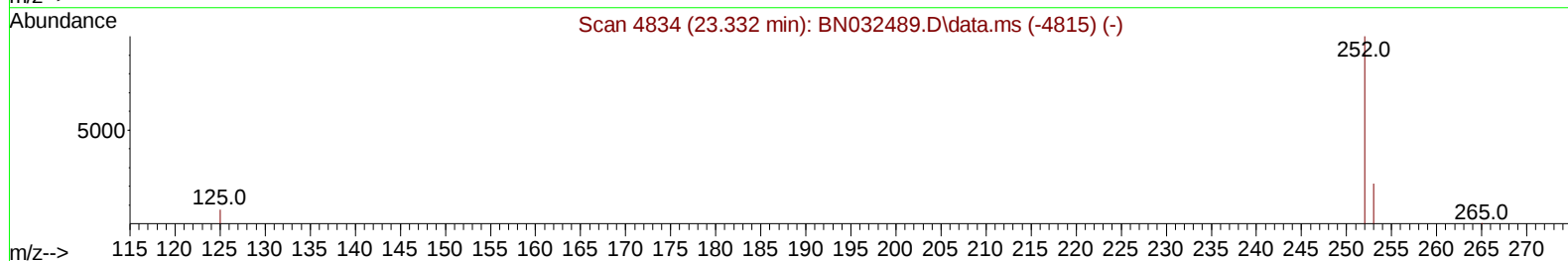
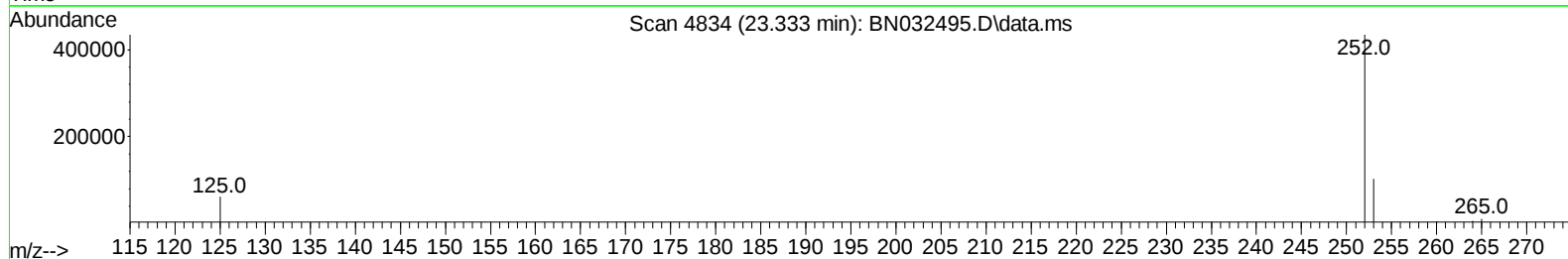
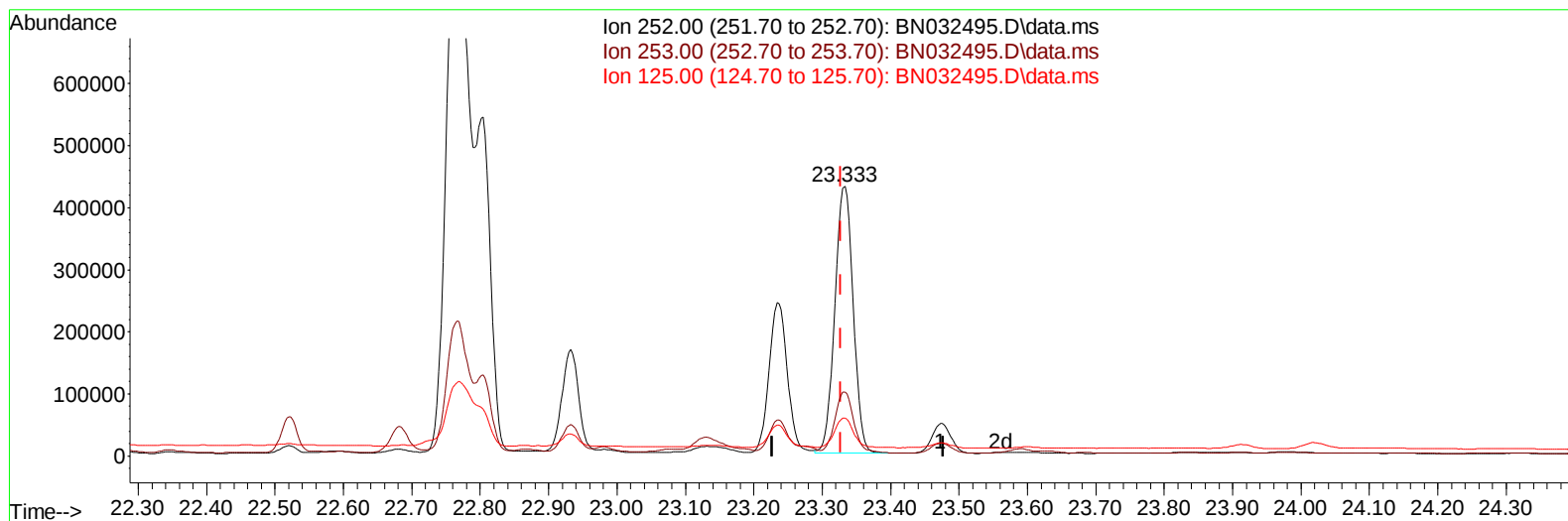
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(26) Benzo(a)pyrene (C)

23.333min (+ 0.006) 10.30 ng/ul m

response 799442

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.70	23.79
125.00	20.50	14.10#
0.00	0.00	0.00

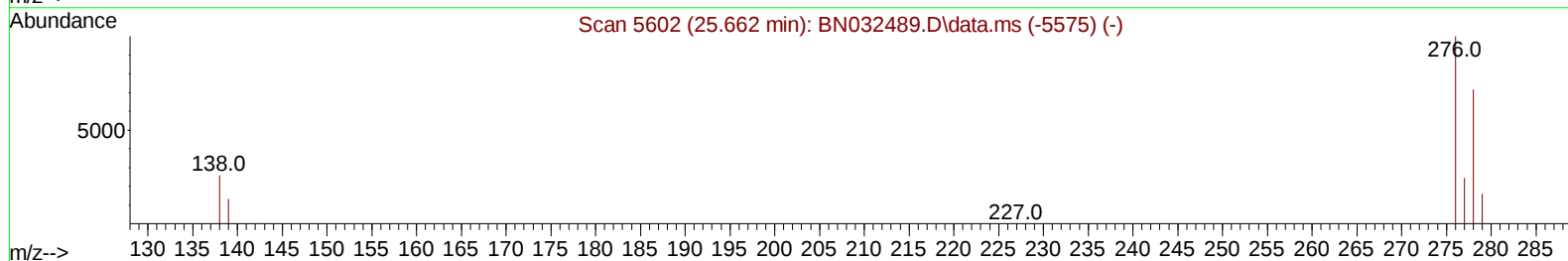
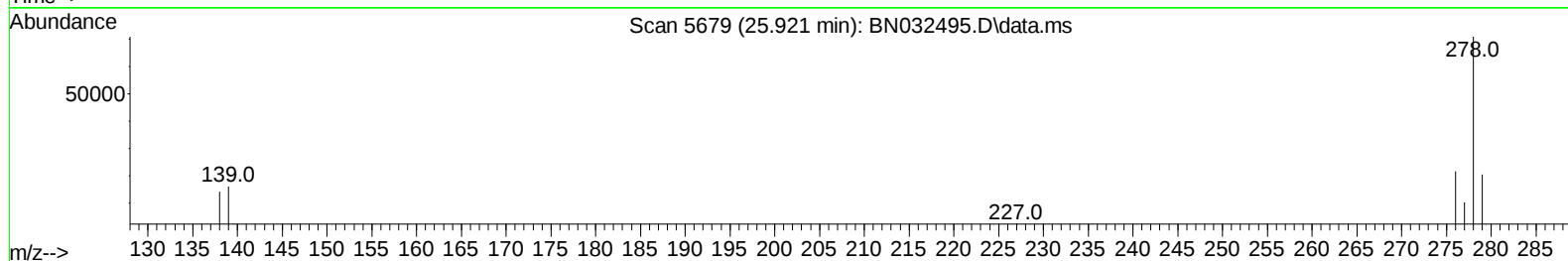
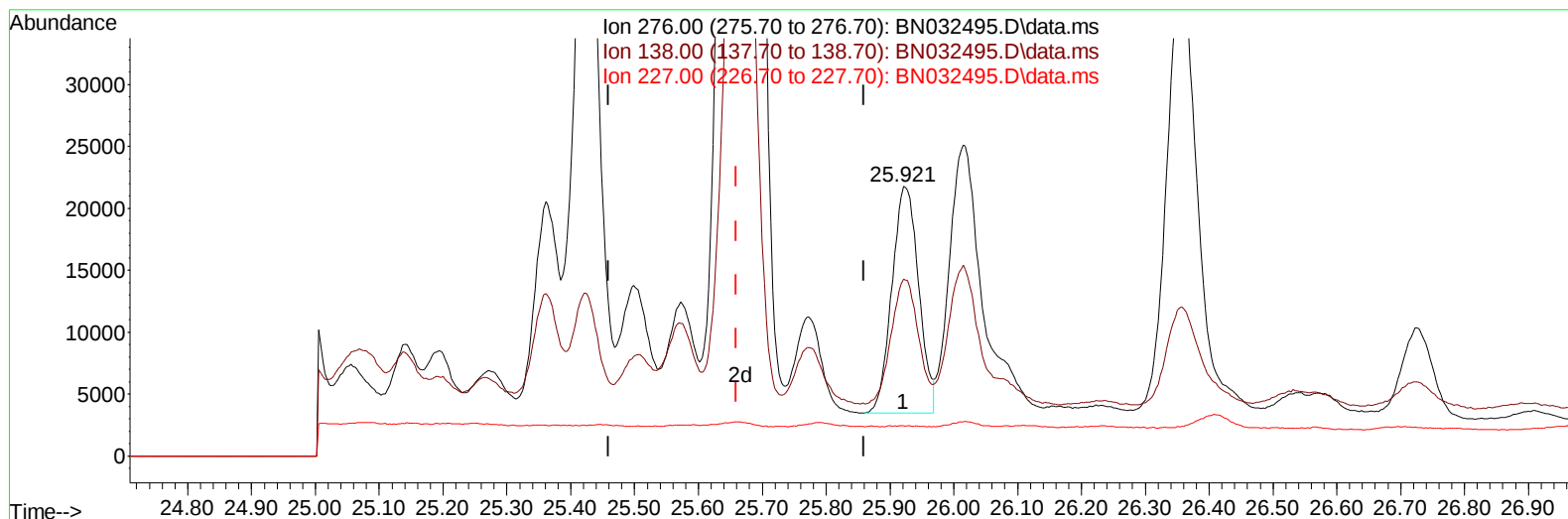
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032495.D
 Acq On : 05 Jul 2024 04:22
 Operator : MA/JU
 Sample : P3065-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

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

25.921min (+ 0.262) 0.44 ng/u1

response 53422

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	55.84#
227.00	0.10	0.10
0.00	0.00	0.00

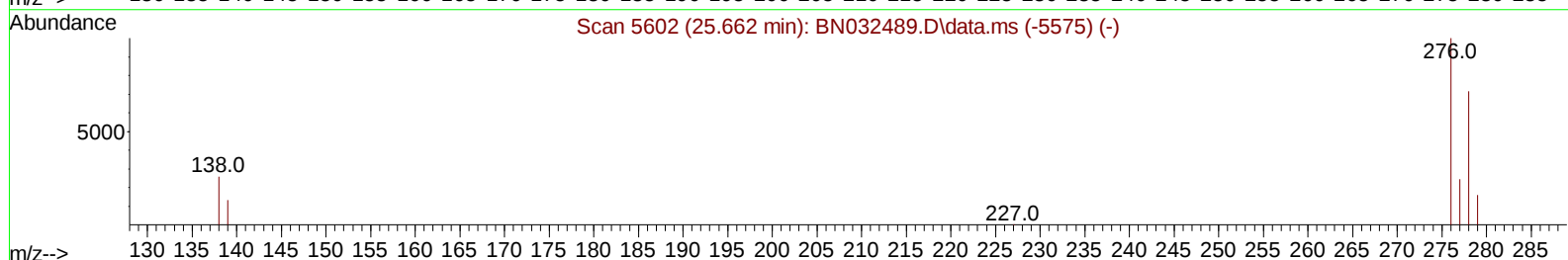
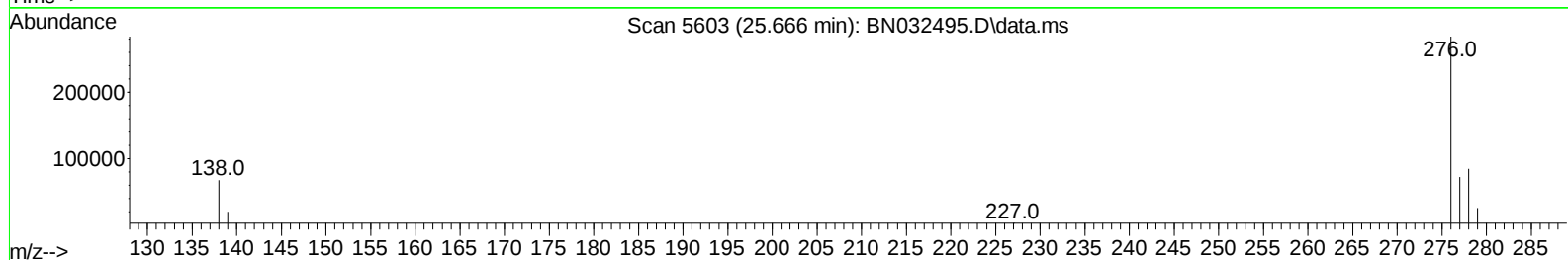
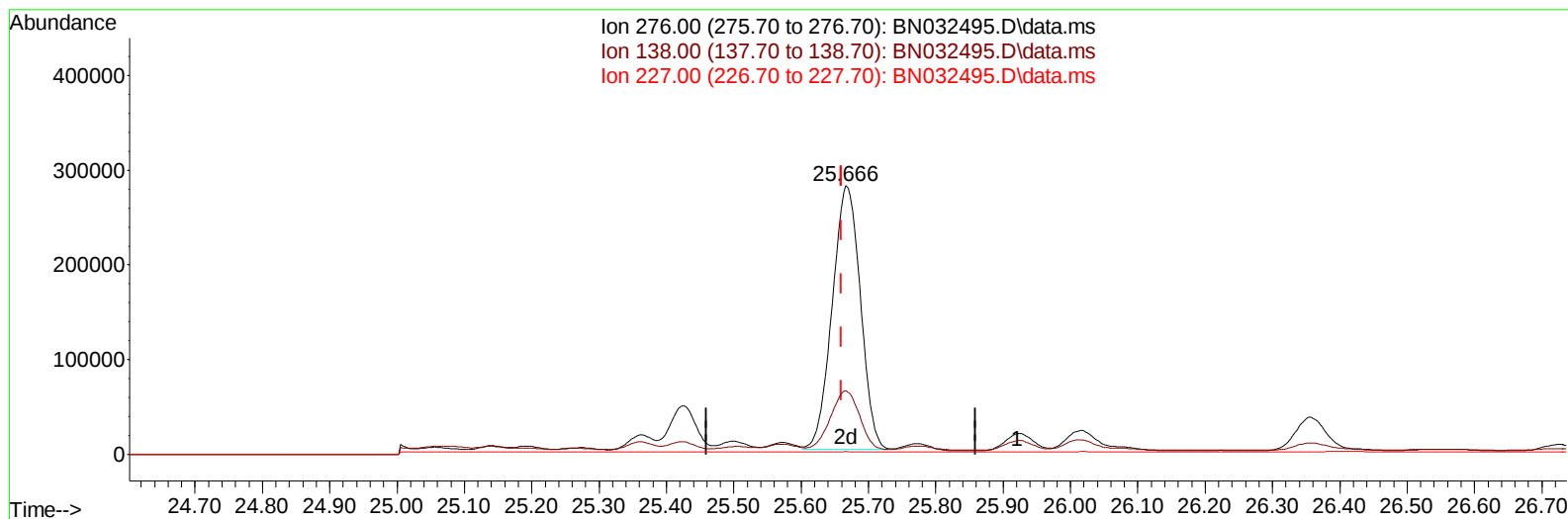
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

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

25.666min (+ 0.007) 6.65 ng/ul m

response 808790

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.60	3.69#
227.00	0.10	0.01#
0.00	0.00	0.00

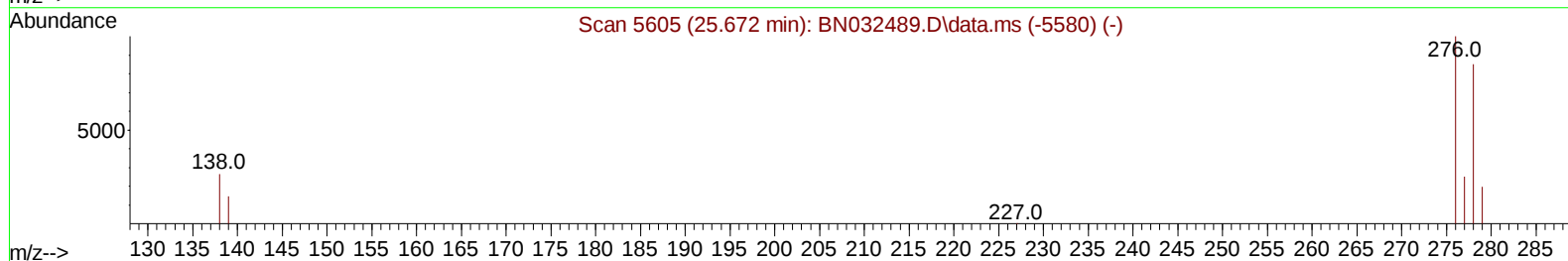
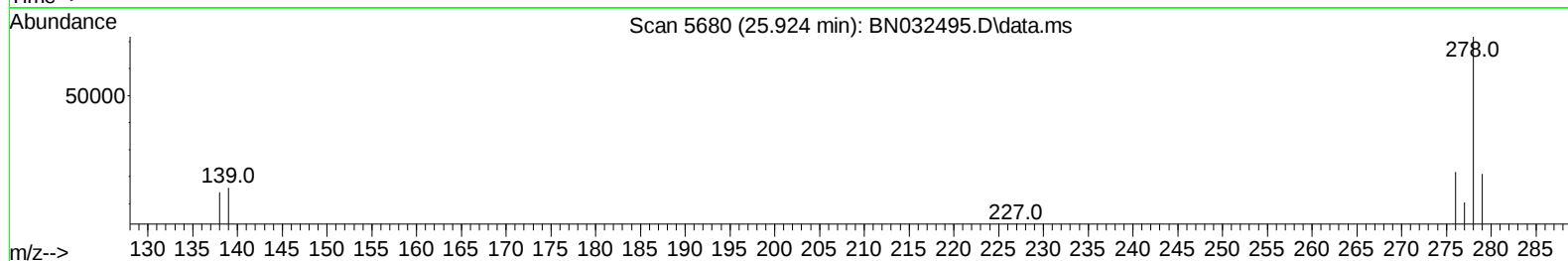
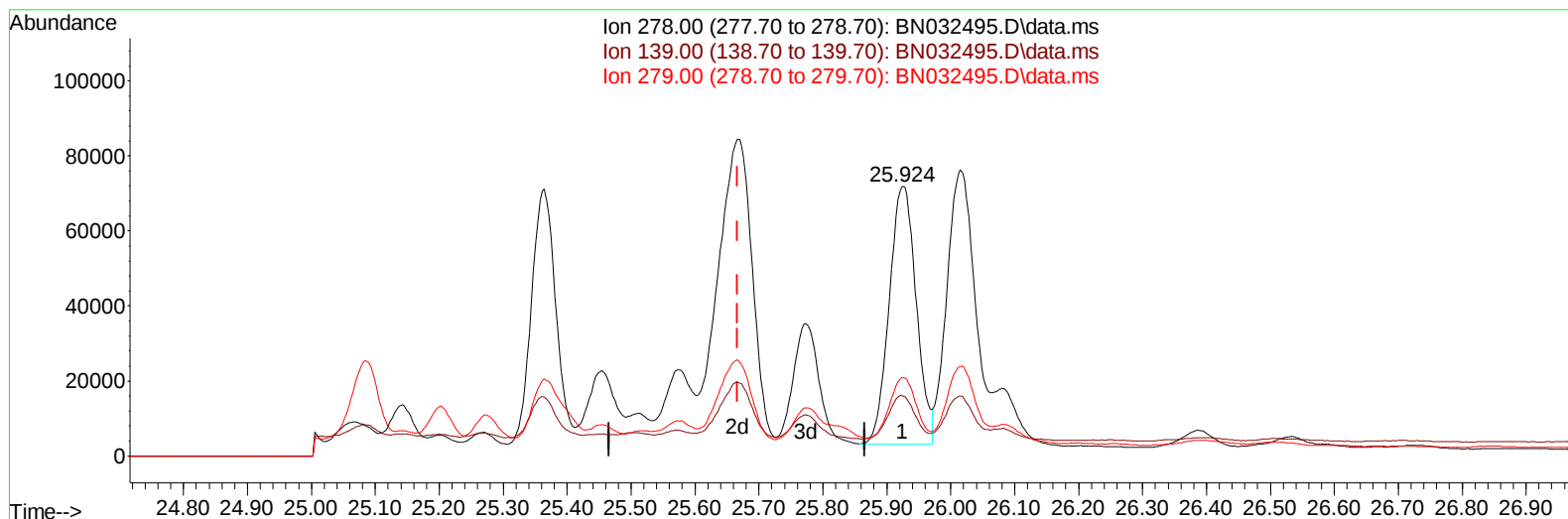
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(28) Dibenzo(a,h)anthracene

25.924min (+ 0.258) 2.24 ng/u1

response 202195

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	22.19
279.00	26.40	29.14
0.00	0.00	0.00

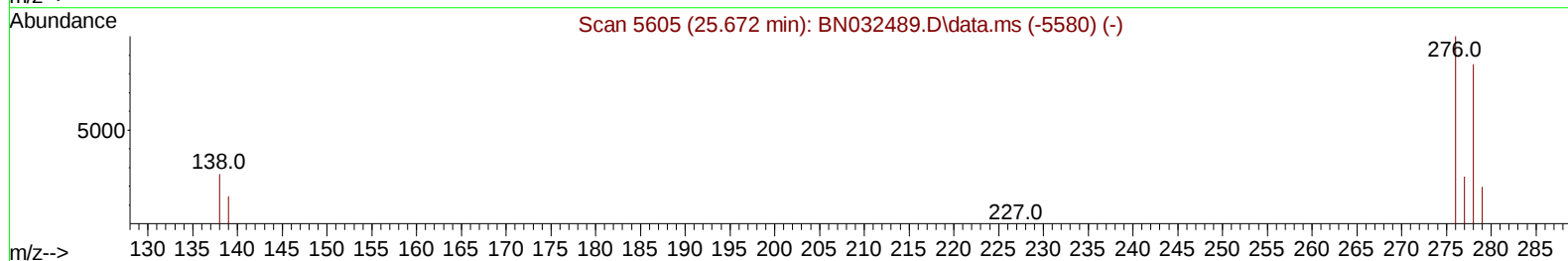
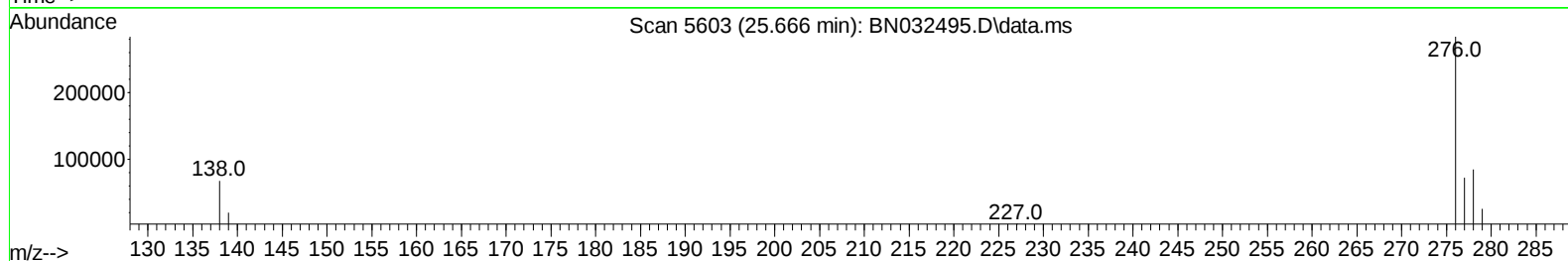
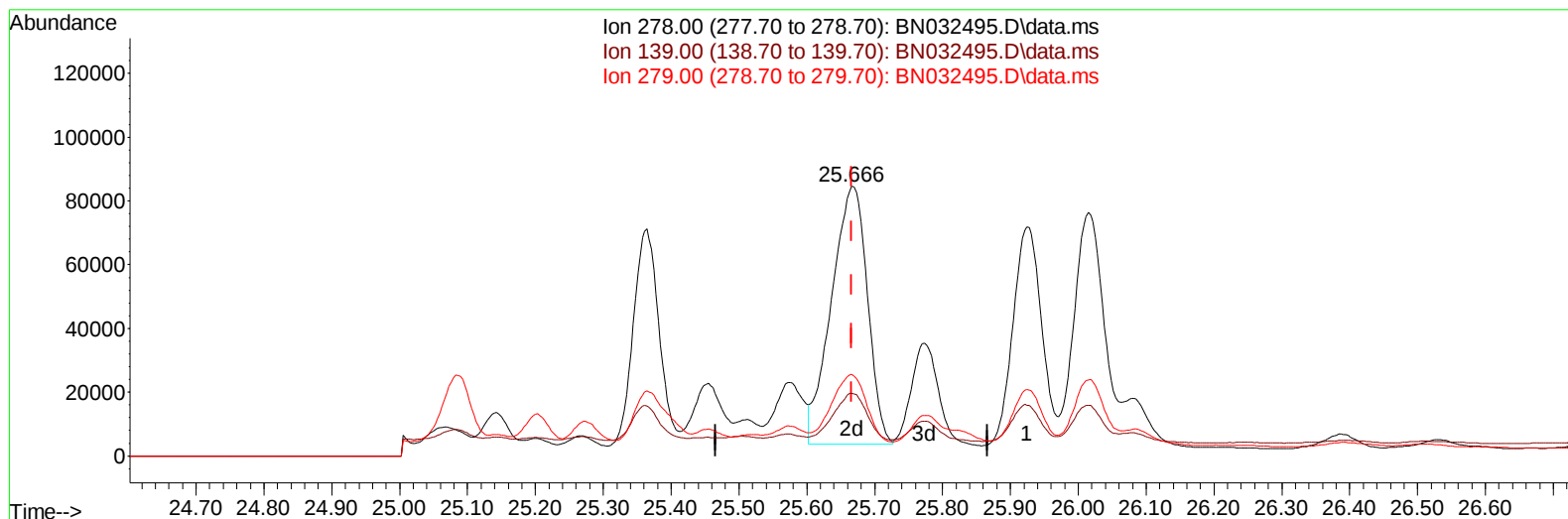
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Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

(28) Dibenzo(a,h)anthracene

25.666min (-0.000) 3.29 ng/u1 m

response 297060

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	19.90	23.34
279.00	26.40	30.33
0.00	0.00	0.00

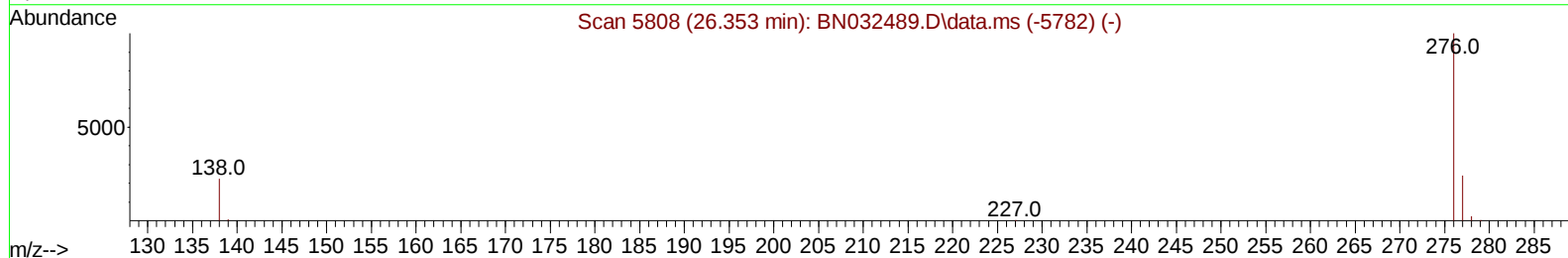
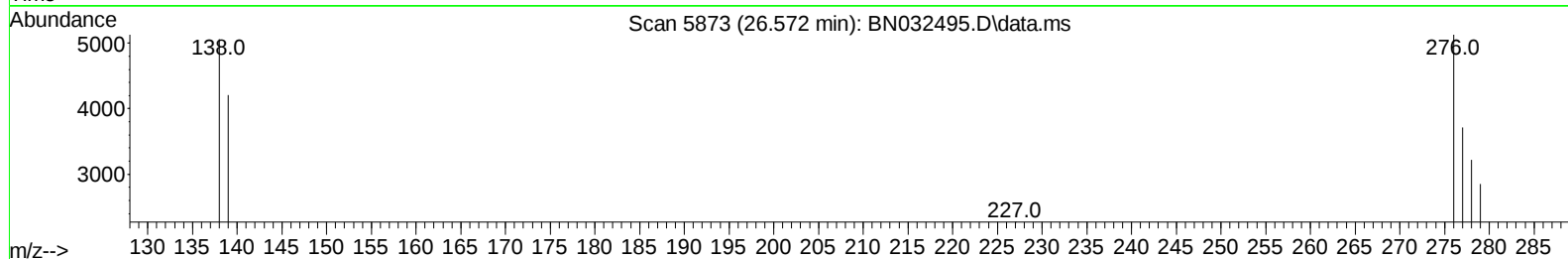
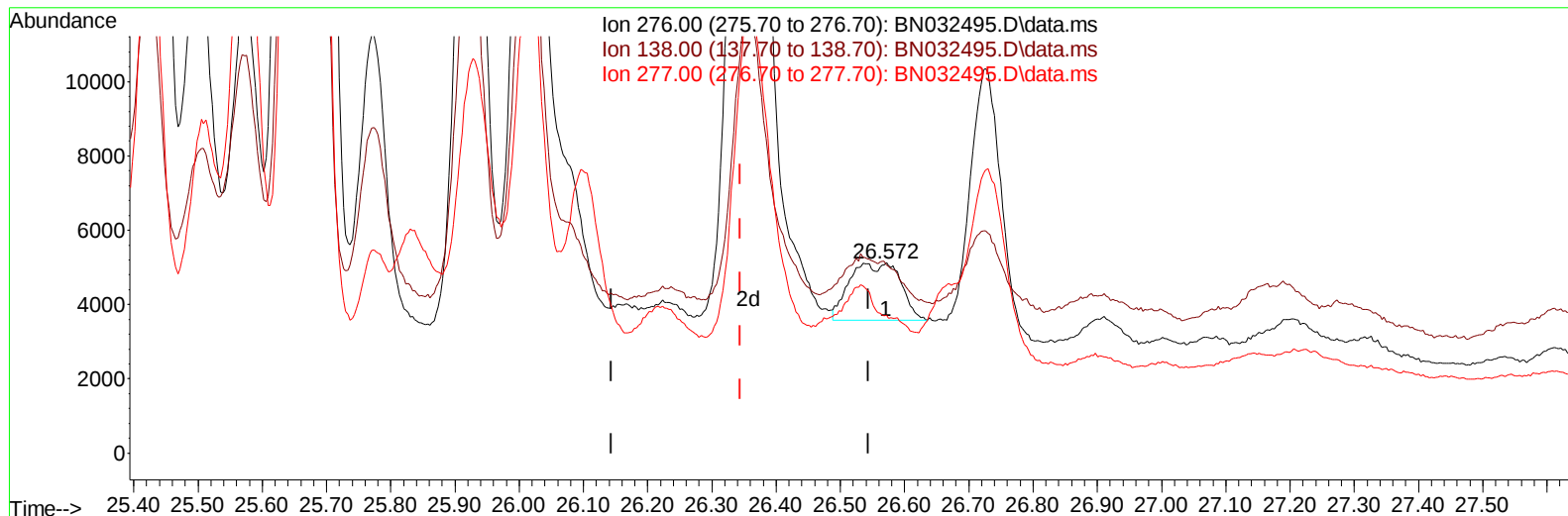
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

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

26.572min (+ 0.228) 0.09 ng/u1

response 8527

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	98.75#
277.00	24.70	72.41#
0.00	0.00	0.00

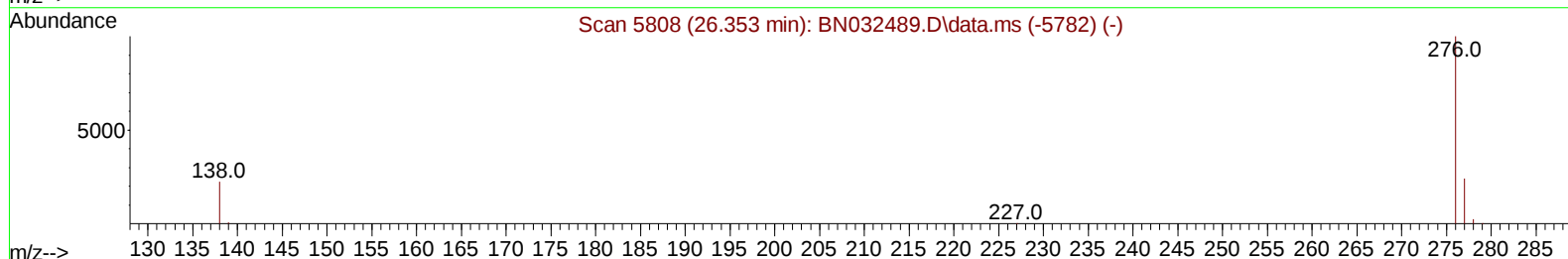
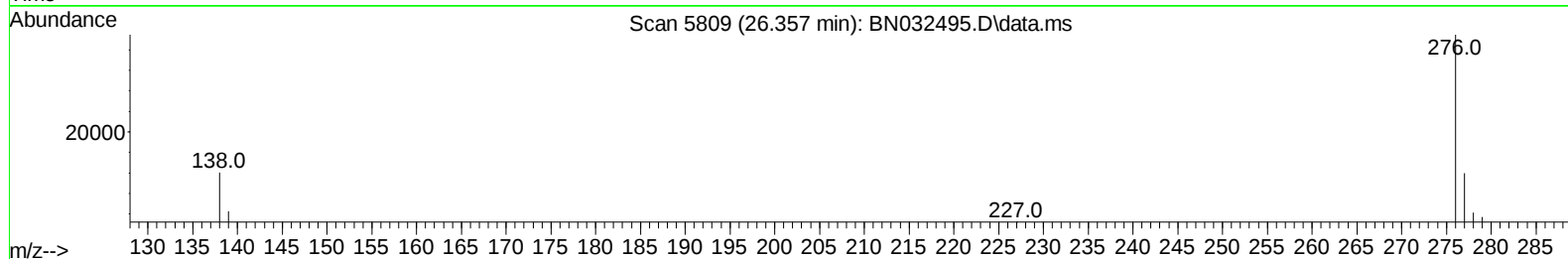
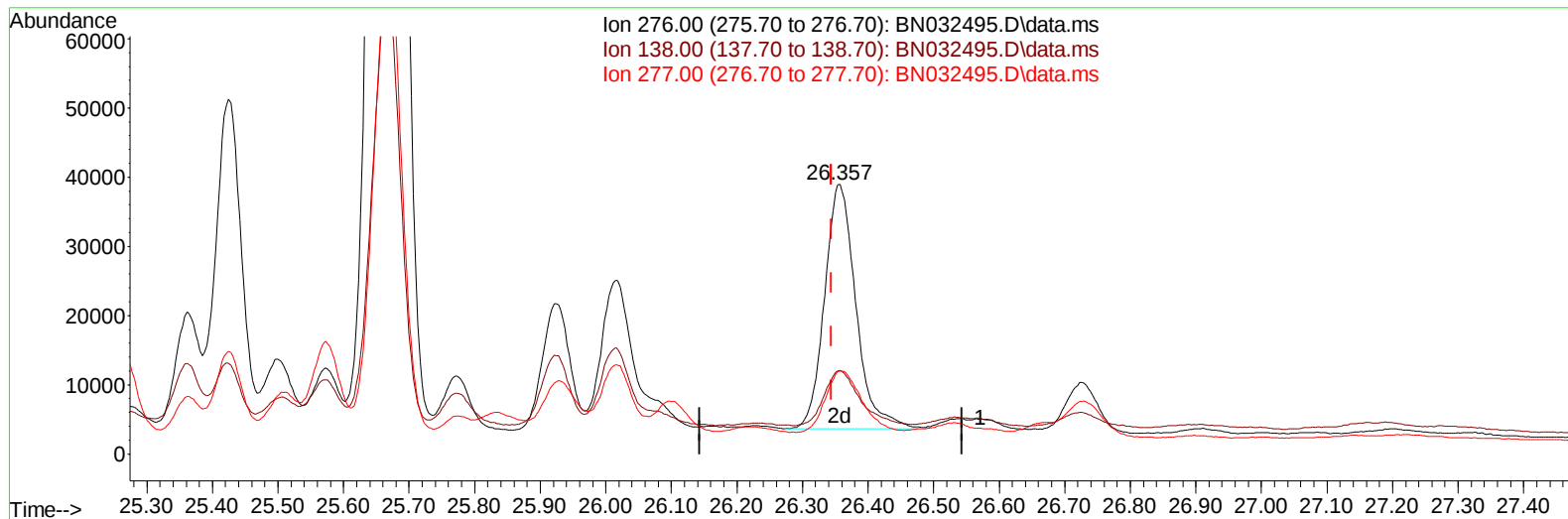
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032495.D
 Acq On : 05 Jul 2024 04:22
 Operator : MA/JU
 Sample : P3065-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 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 :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BN032495.D\data.ms

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

26.357min (+ 0.013) 1.21 ng/ul m

response 117470

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.70	30.91#
277.00	24.70	30.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032495.D
 Acq On : 05 Jul 2024 04:22
 Operator : MA/JU
 Sample : P3065-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 04:47:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	19535	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.244	164	12878	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	27914m	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	18509m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	25677m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28860	4.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	10126	0.346	ng/ul	-0.01
18) Fluoranthene-d10	19.041	212	26339m	0.473	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	48244	0.933	ng/ul	100
7) 2-Methylnaphthalene	12.043	142	17392	0.508	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	13303	0.374	ng/ul	99
10) Acenaphthylene	13.962	152	136402	2.547	ng/ul	99
11) Acenaphthene	14.304	153	56689	1.364	ng/ul	98
12) Fluorene	15.299	166	70318	1.420	ng/ul	99
14) Pentachlorophenol	16.670	266	968m	0.153	ng/ul	
15) Phenanthrene	17.041	178	1463536m	19.124	ng/ul	
16) Anthracene	17.134	178	313315m	4.590	ng/ul	
19) Fluoranthene	19.073	202	3125660m	44.348	ng/ul	
20) Pyrene	19.440	202	2309837m	31.360	ng/ul	
21) Benzo(a)anthracene	21.191	228	1408877m	21.090	ng/ul	
22) Chrysene	21.243	228	1614105m	22.014	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	2051672m	18.391	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	864063m	7.972	ng/ul	
26) Benzo(a)pyrene	23.333	252	799442m	10.300	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	808790m	6.655	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	297060m	3.290	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	117470m	1.213	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
Operator : MA/JU
Sample : P3065-01
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX6

Manual IntegrationsAPPROVED

Quant Time: Jul 05 04:47:18 2024
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