

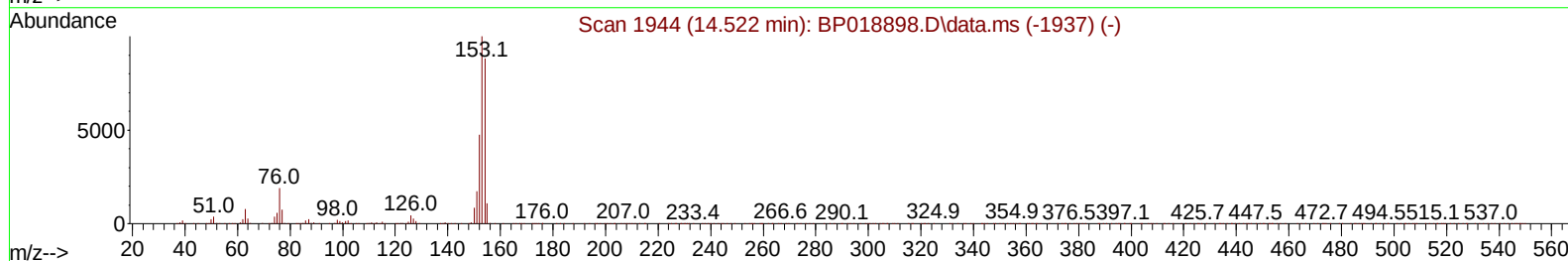
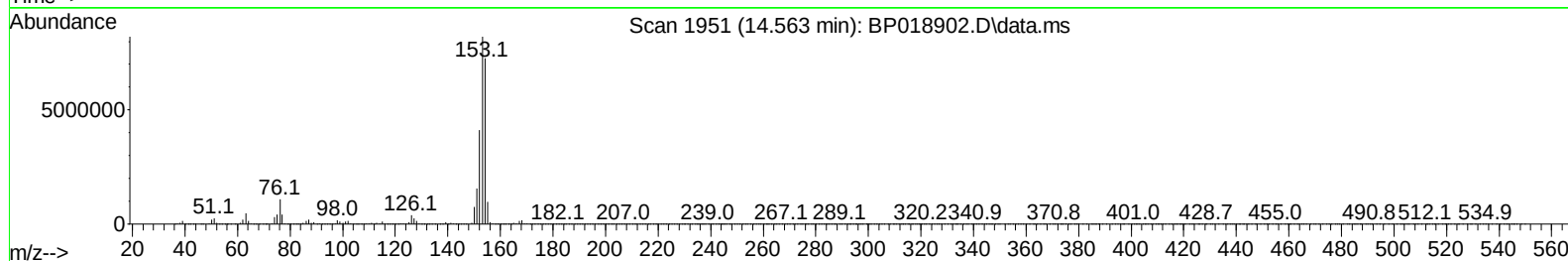
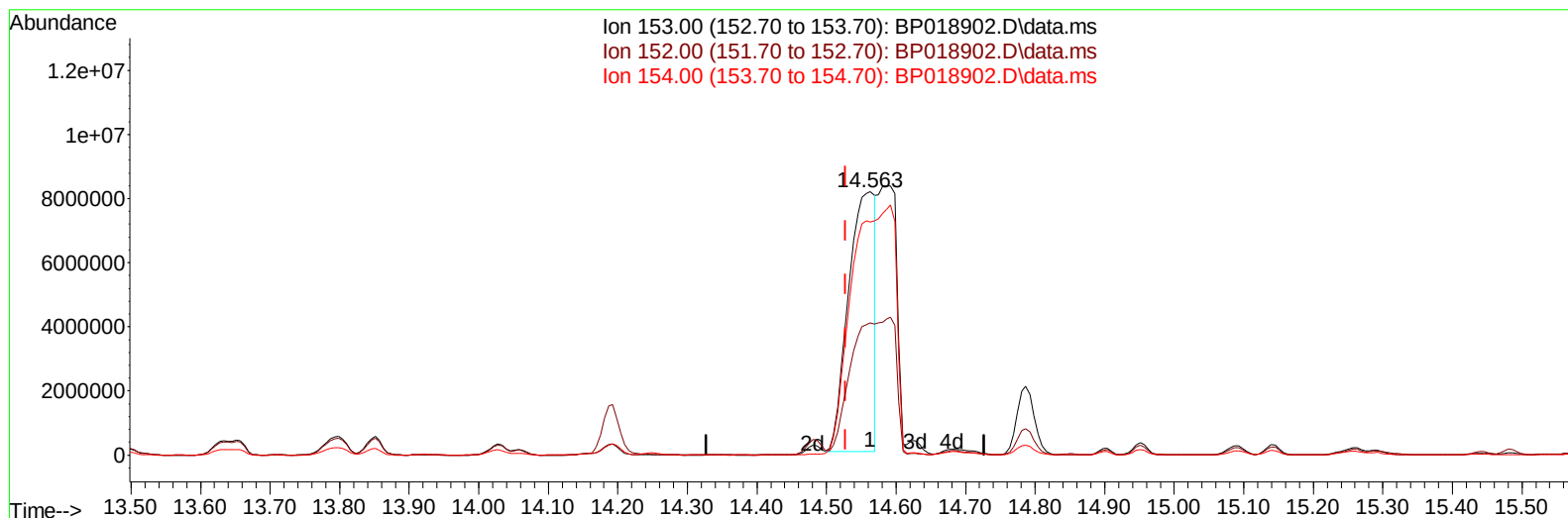
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:38:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(52) Acenaphthene (C)

14.563min (+ 0.035) 525.68 ng/uI

response 21316901

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	47.60	50.22
154.00	89.60	88.49
0.00	0.00	0.00

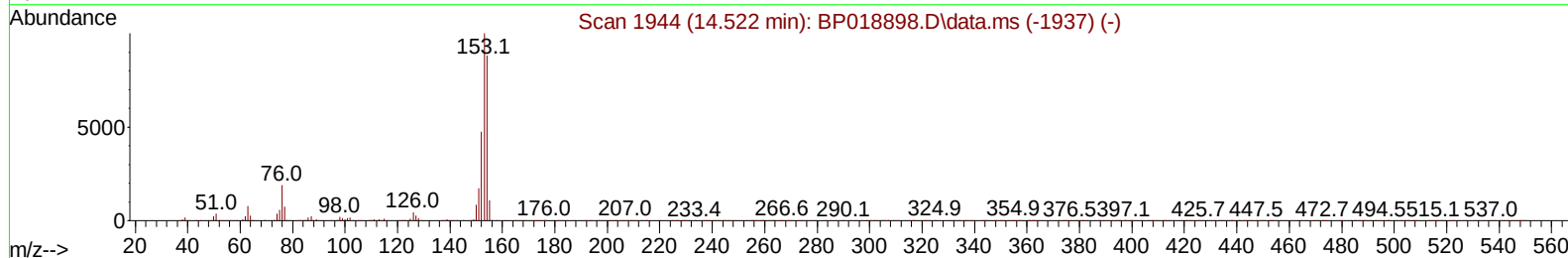
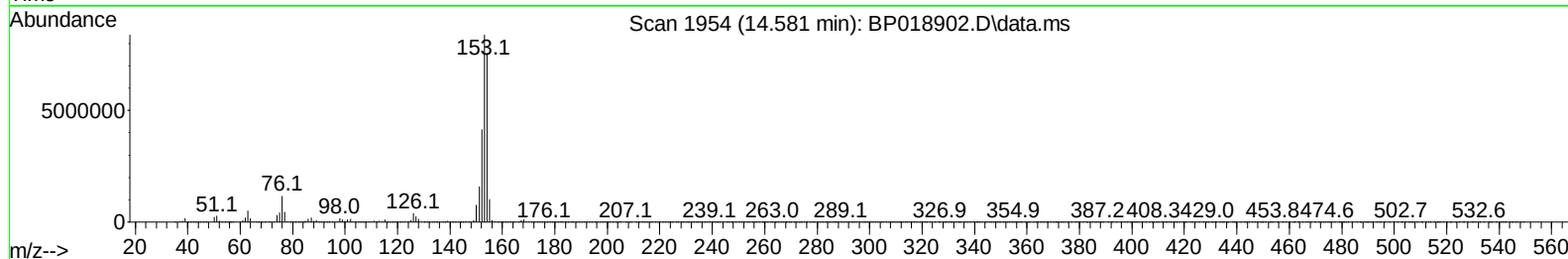
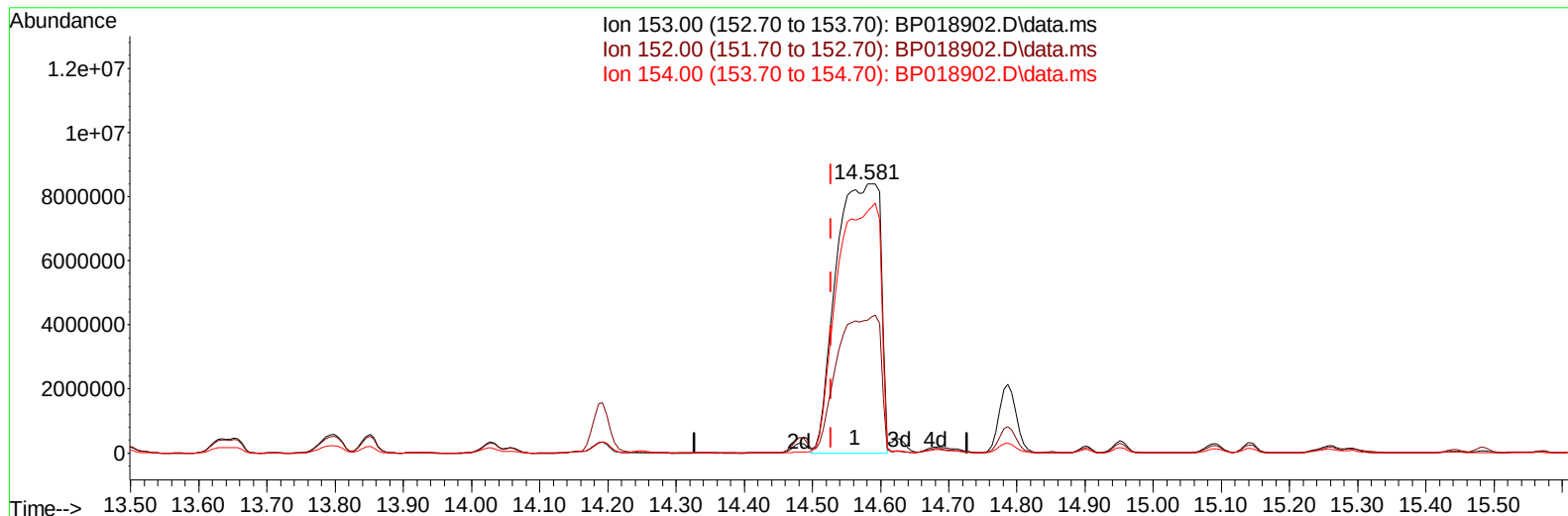
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:38:48 2023
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 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(52) Acenaphthene (C)

14.581min (+ 0.053) 931.48 ng/ul m

response 37772842

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	47.60	49.41
154.00	89.60	90.03
0.00	0.00	0.00

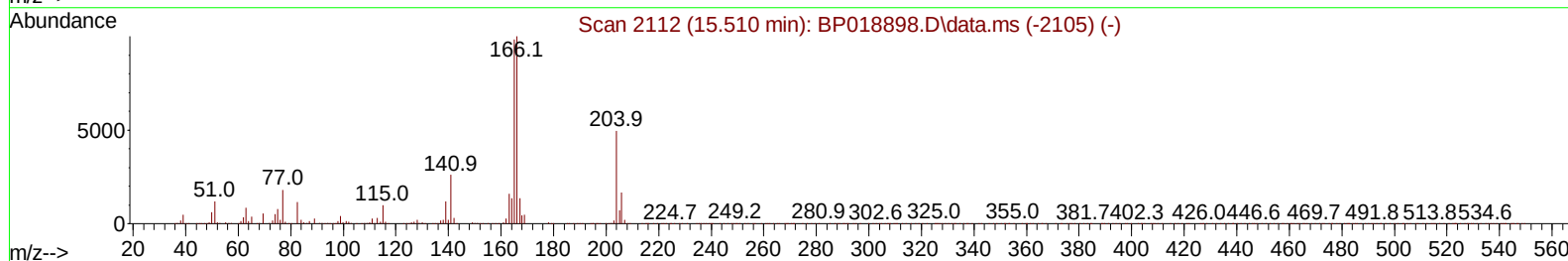
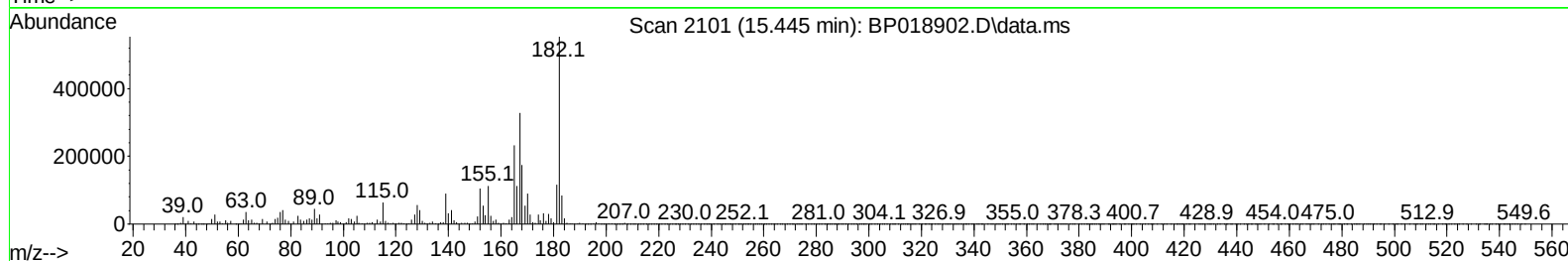
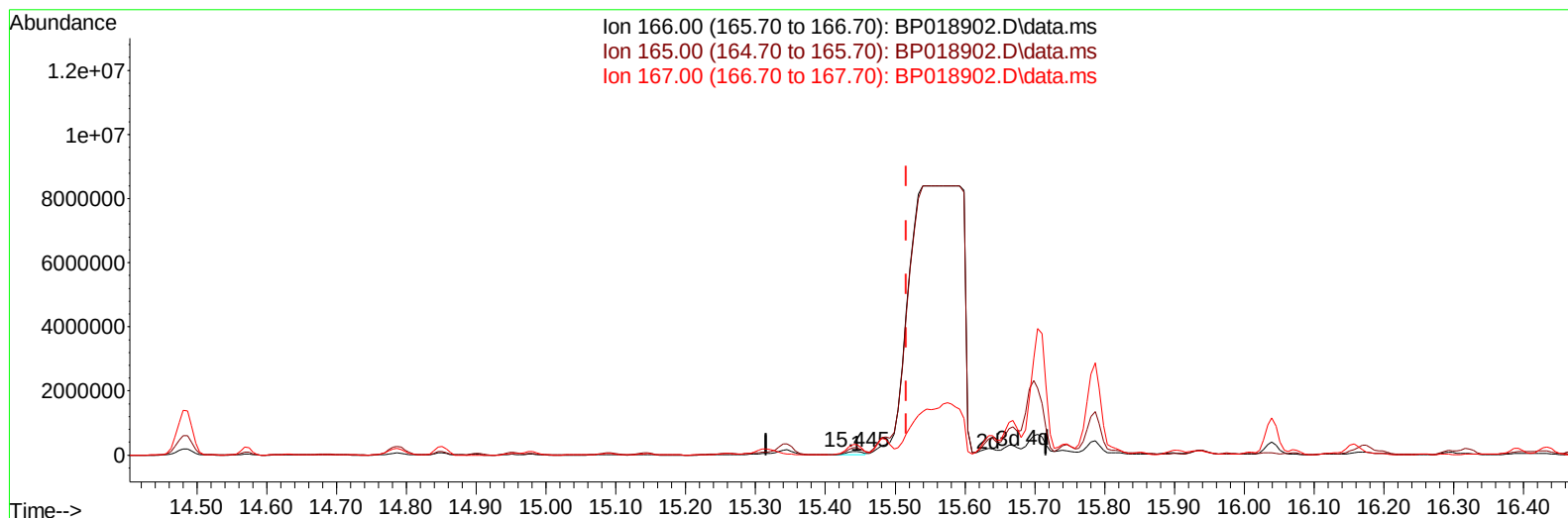
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:38:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(61) Fluorene

15.445min (-0.071) 4.04 ng/ul

response 180156

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.50	204.61#
167.00	13.50	289.04#
0.00	0.00	0.00

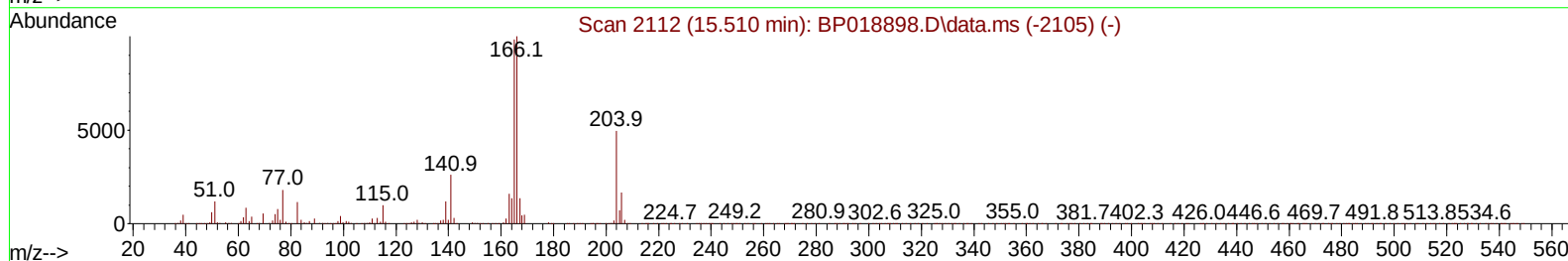
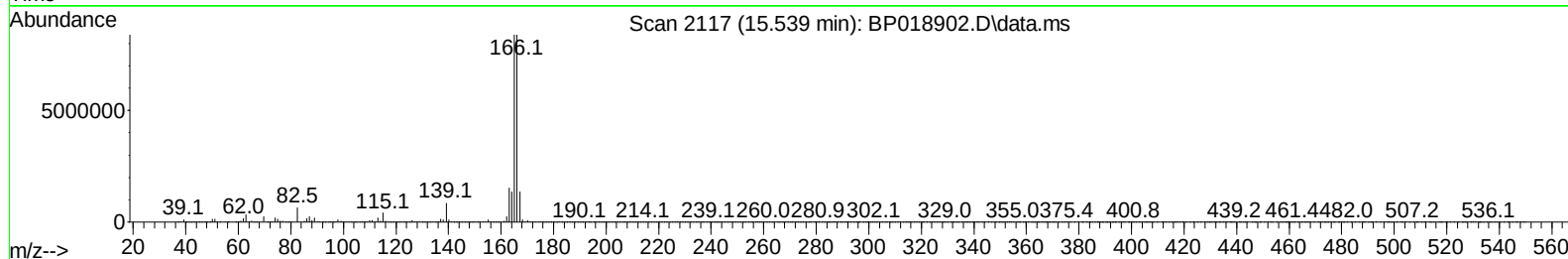
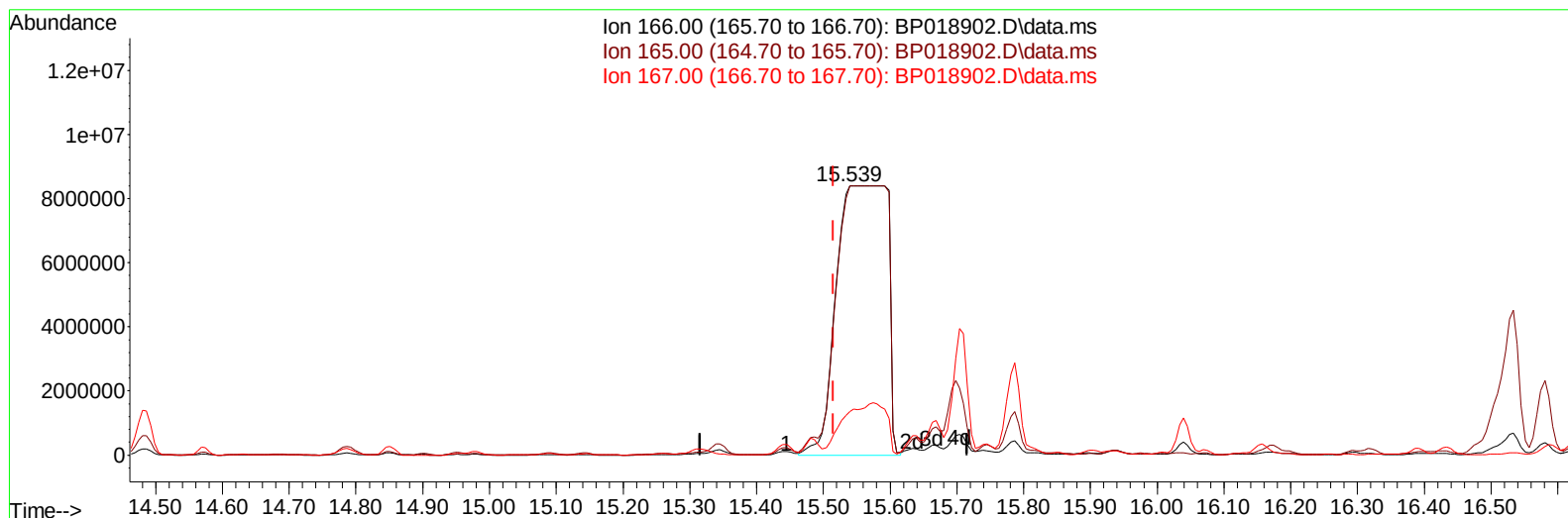
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018902.D
Acq On : 18 Dec 2023 12:23
Operator : MA/JU
Sample : 05626-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:38:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(61) Fluorene

15.539min (+ 0.023) 988.88 ng/ul m

response 44100381

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	97.50	100.00
167.00	13.50	16.27#
0.00	0.00	0.00

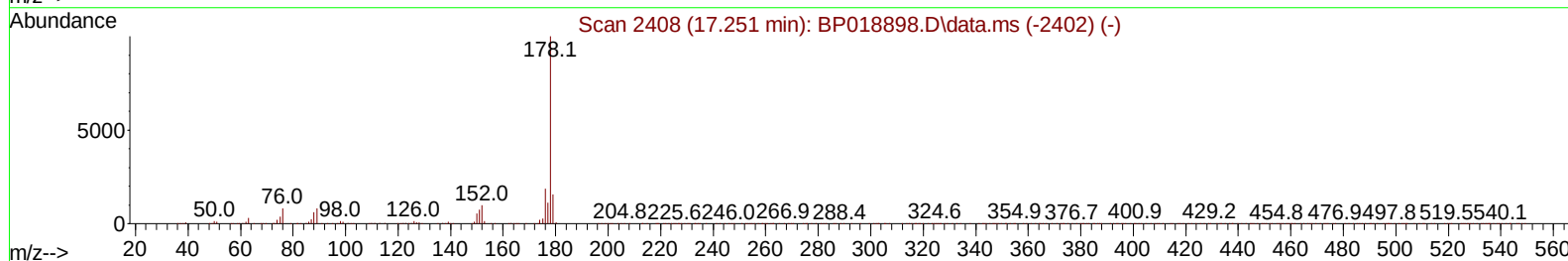
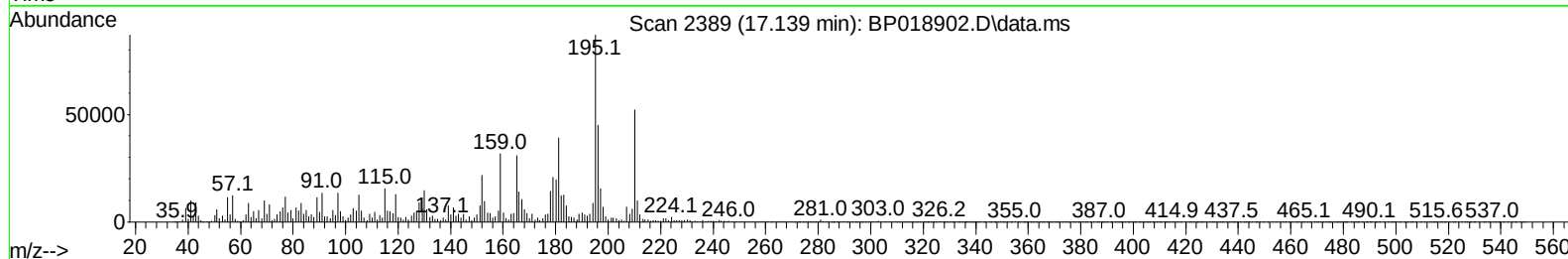
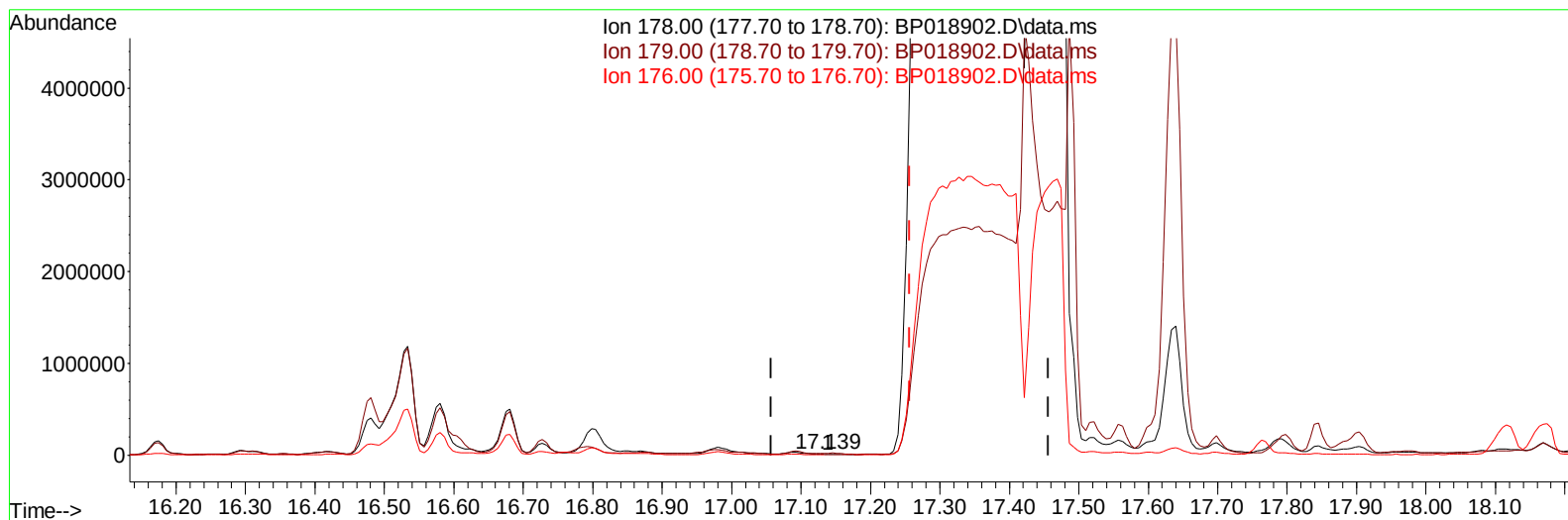
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 21:38:48 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(72) Phenanthrene

17.139min (-0.118) 0.27 ng/u1

response 9664

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	142.60#
176.00	19.30	25.09#
0.00	0.00	0.00

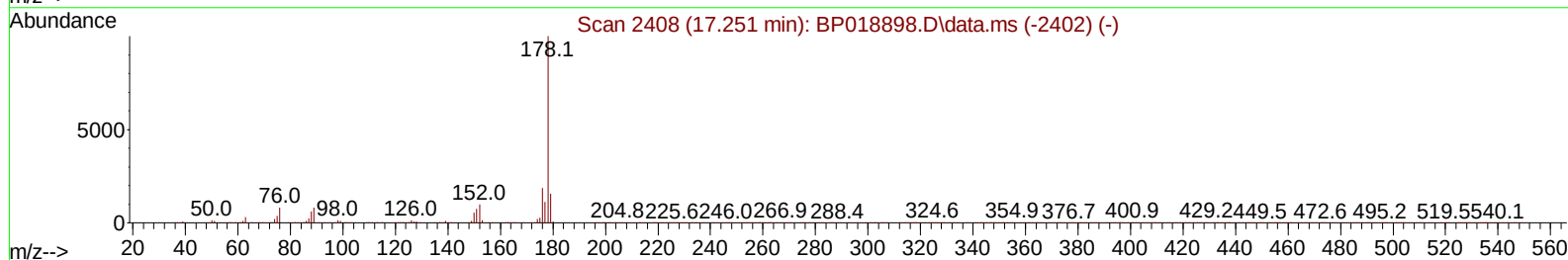
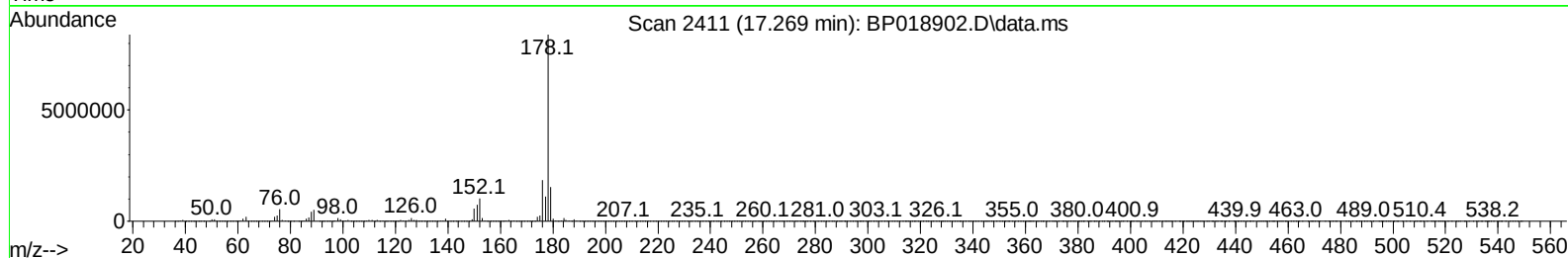
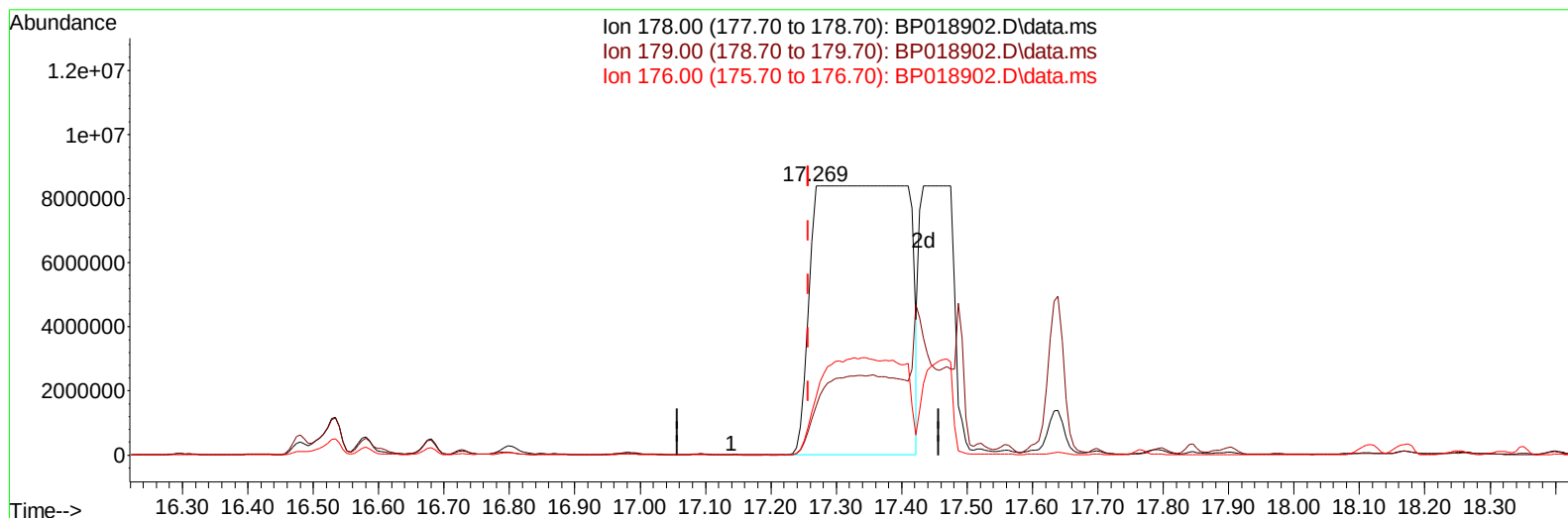
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(72) Phenanthrene

17.269min (+ 0.012) 2355.58 ng/ul m

response 83240868

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.40	18.20
176.00	19.30	21.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

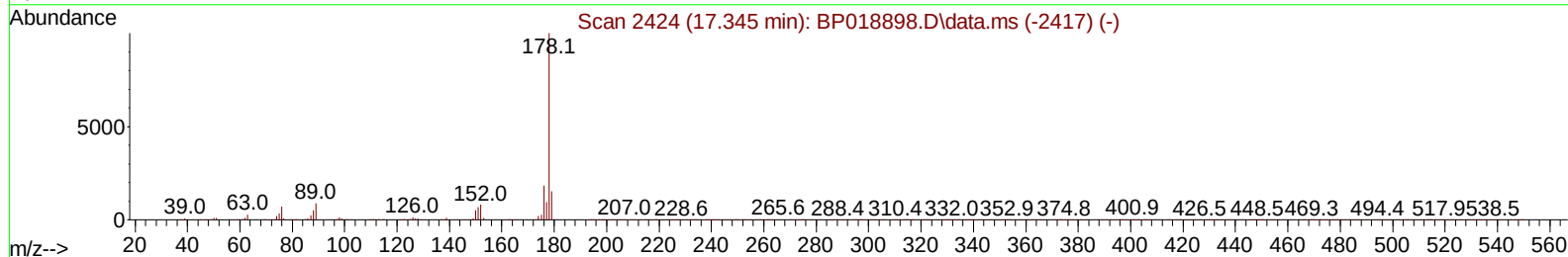
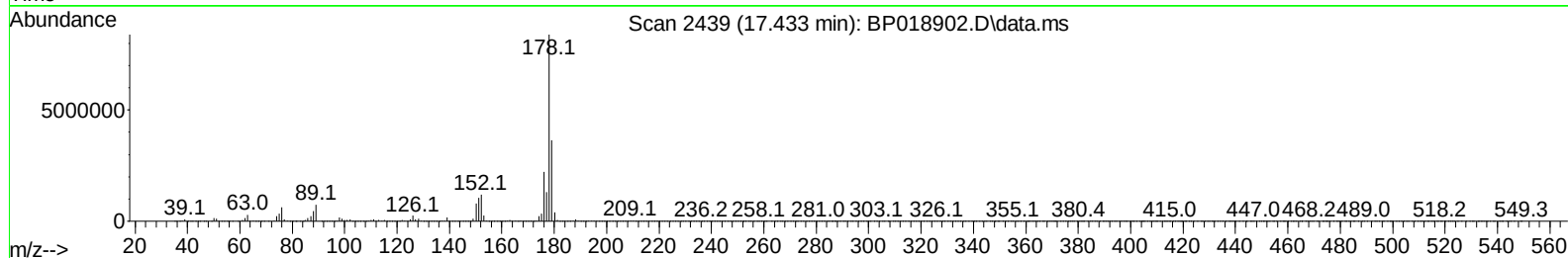
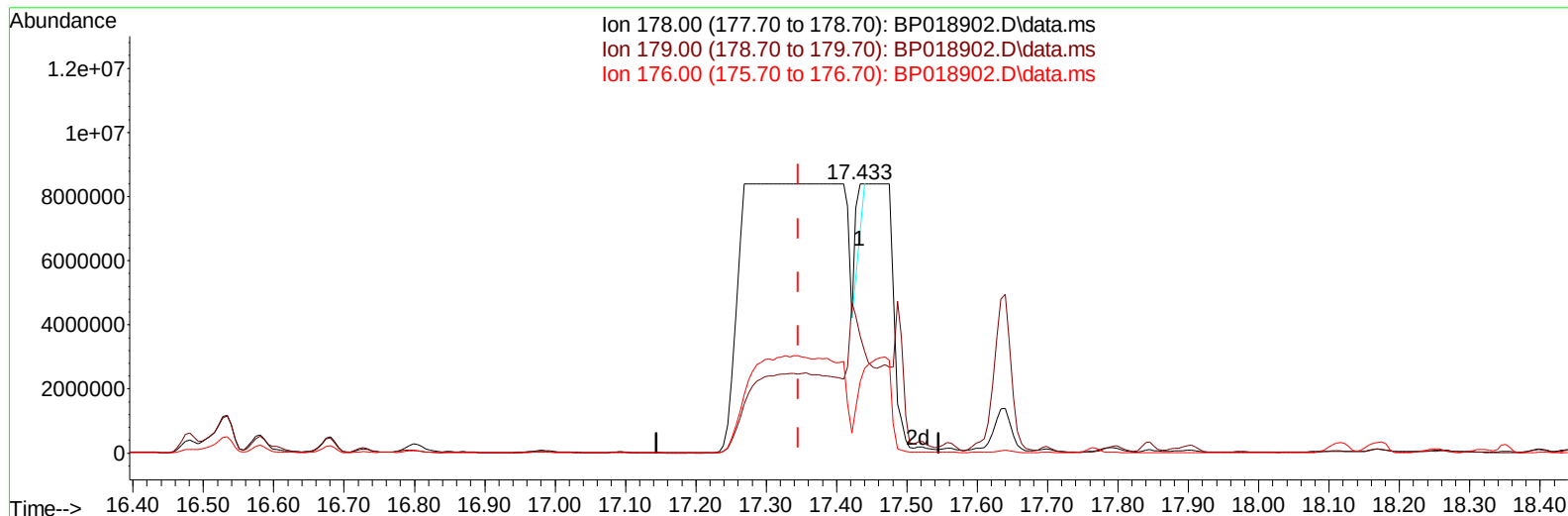
ClientSampleId :

DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(74) Anthracene

17.433min (+ 0.088) 54.87 ng/u1

response 1943635

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	43.45#
176.00	18.80	26.43#
0.00	0.00	0.00

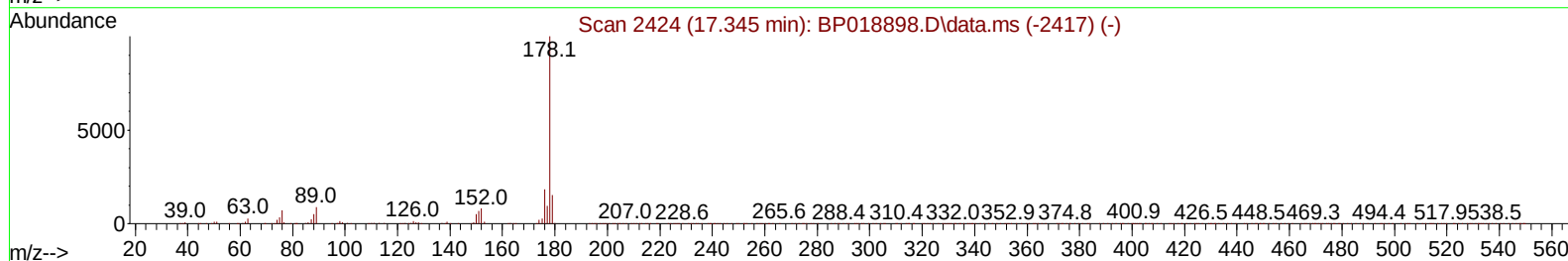
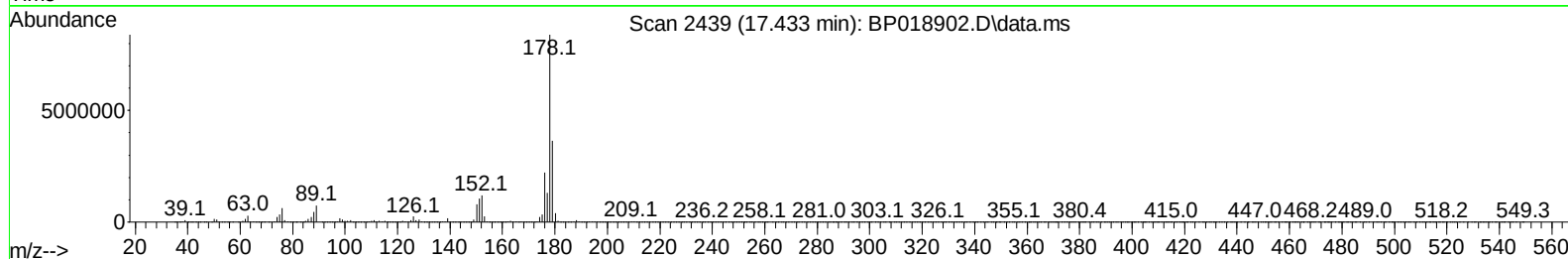
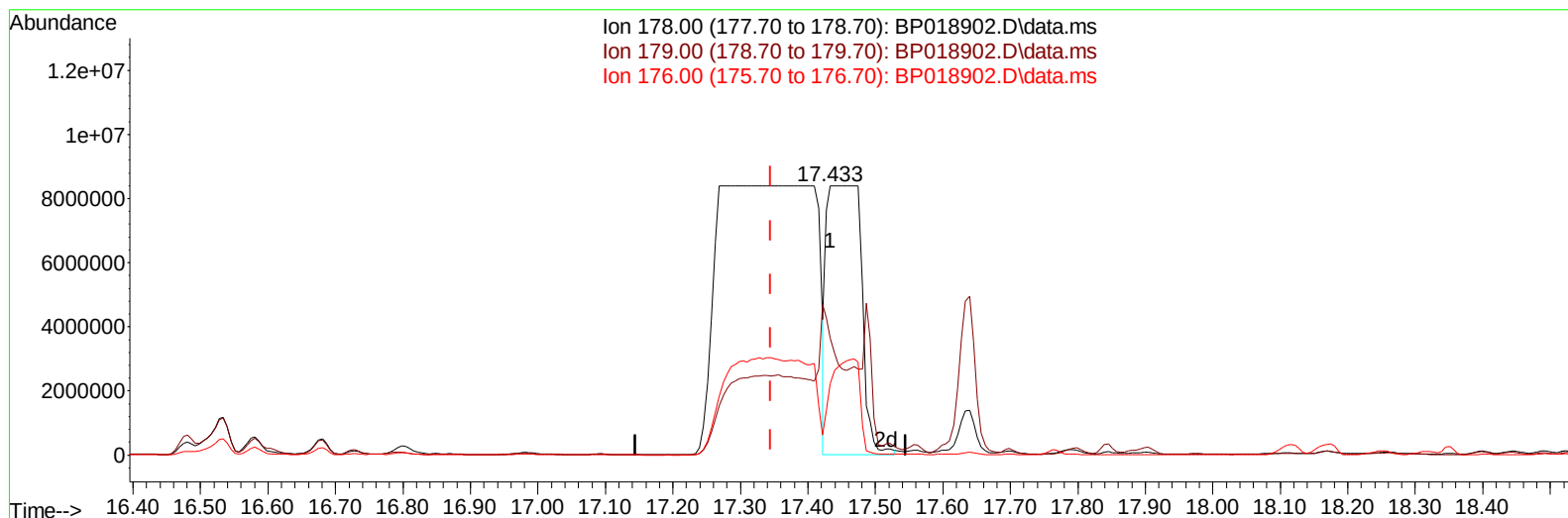
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(74) Anthracene

17.433min (+ 0.088) 834.37 ng/uL m

response 29554656

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	43.45#
176.00	18.80	26.43#
0.00	0.00	0.00

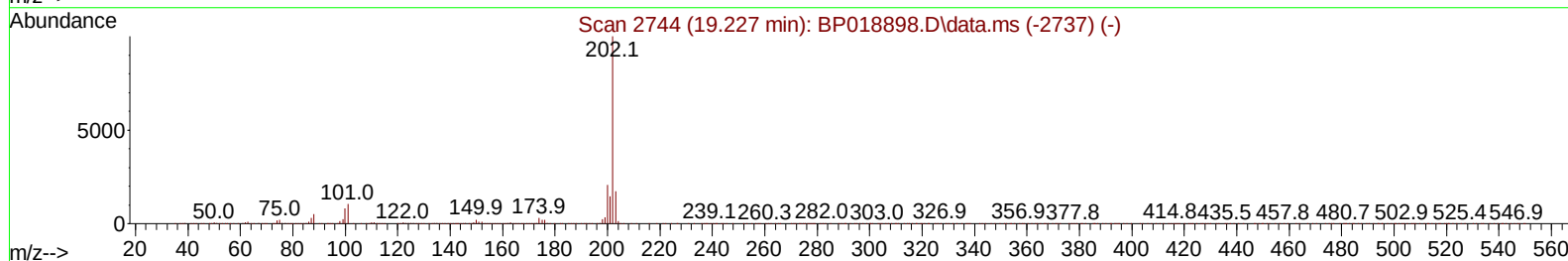
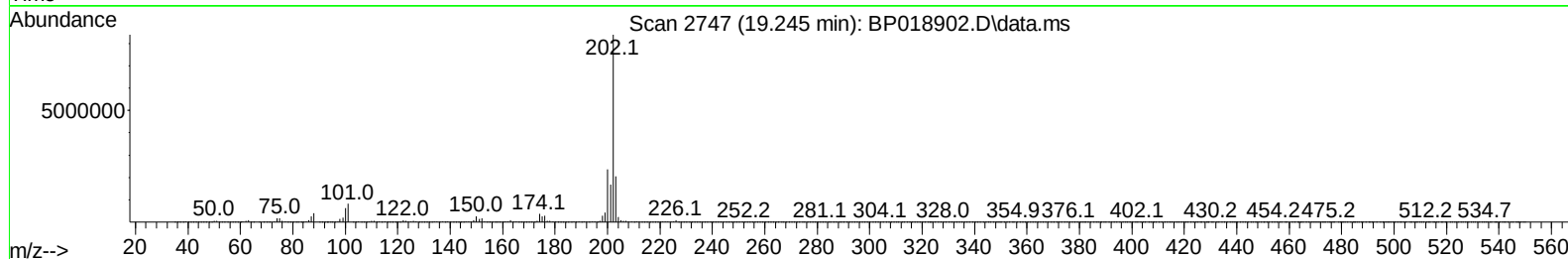
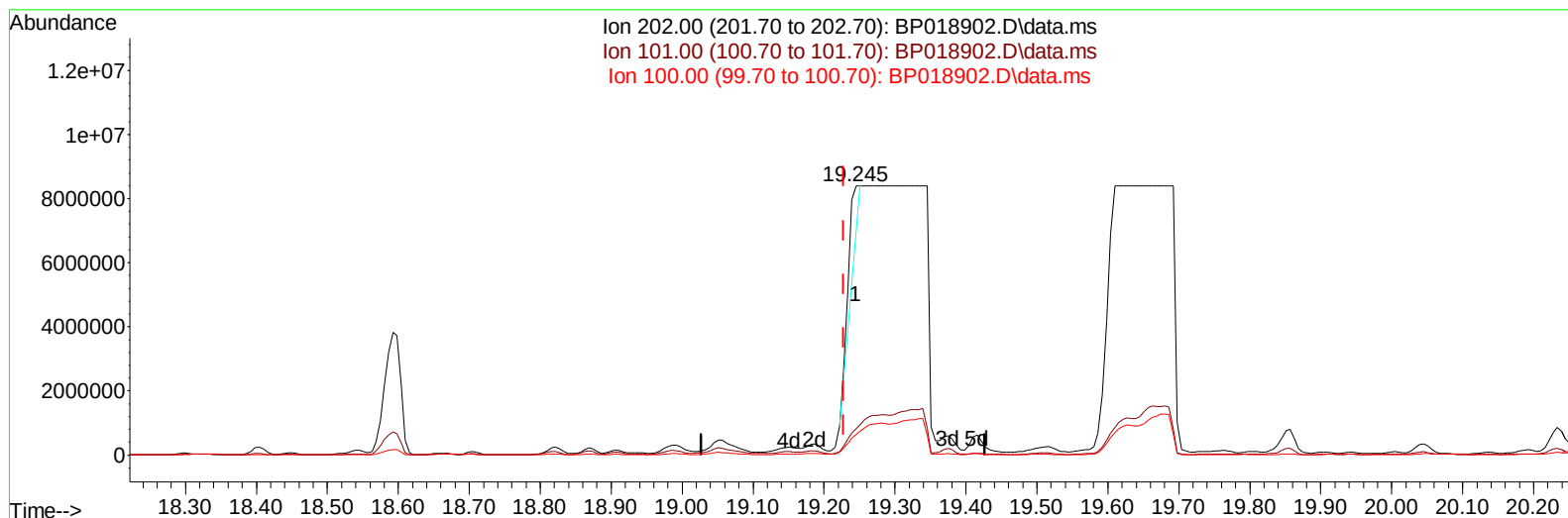
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
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 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(80) Fluoranthene

19.245min (+ 0.018) 53.13 ng/ul

response 3551152

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.82
100.00	8.90	7.58
0.00	0.00	0.00

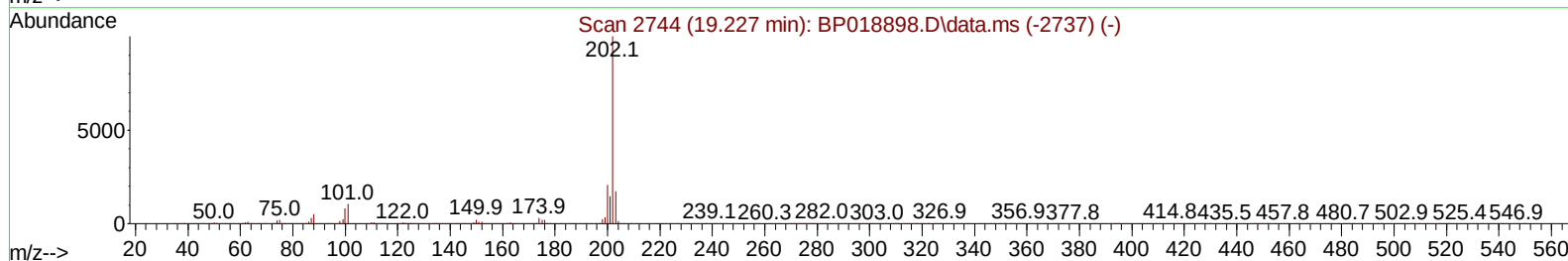
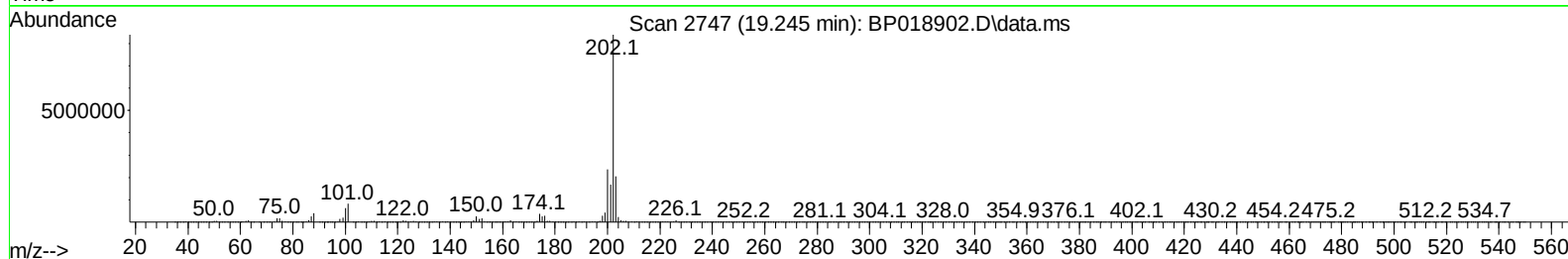
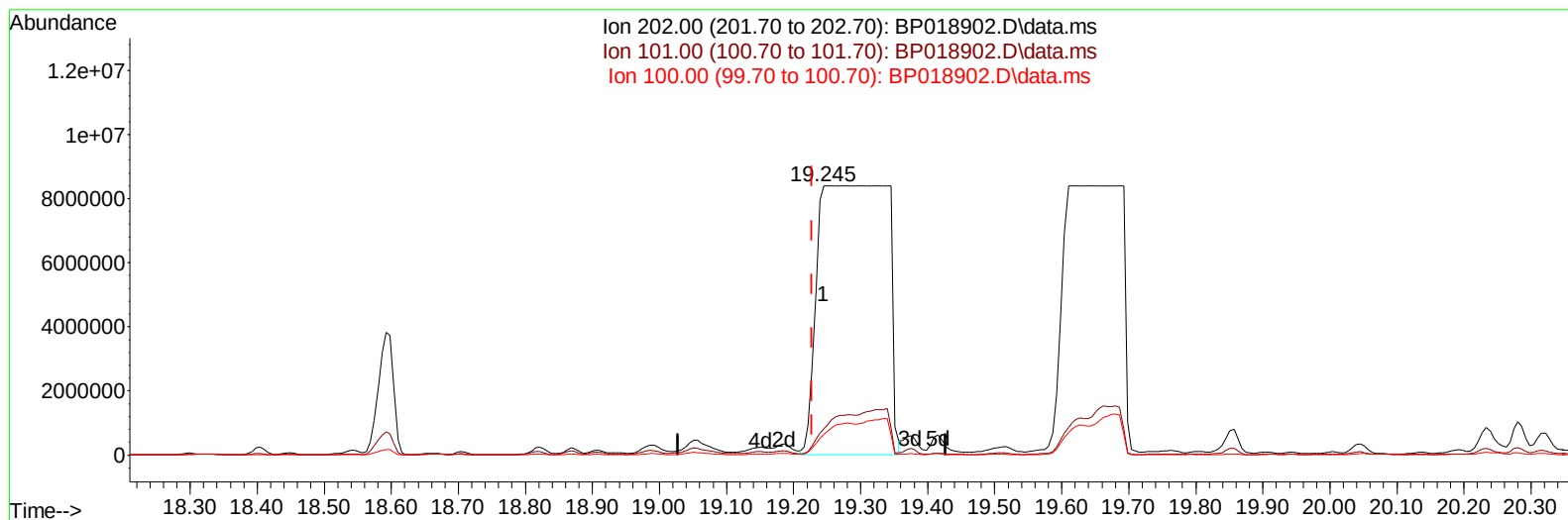
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
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 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(80) Fluoranthene

19.245min (+ 0.018) 893.04 ng/ul m

response 59686043

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.40	9.82
100.00	8.90	7.58
0.00	0.00	0.00

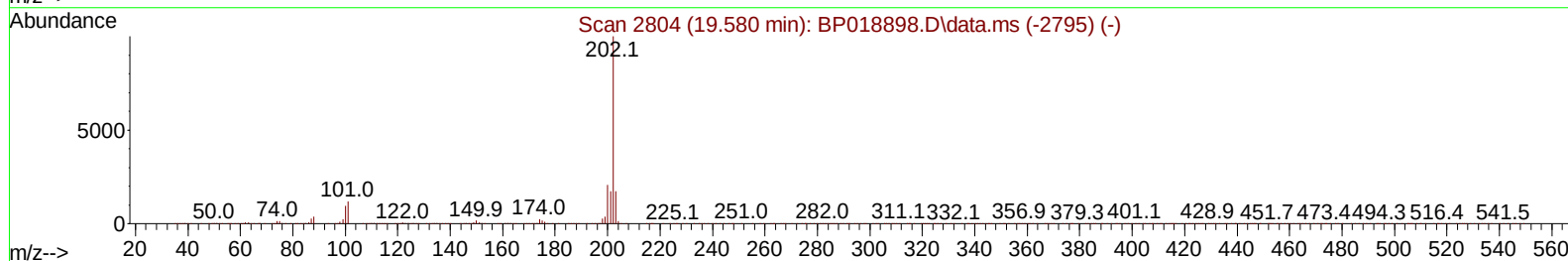
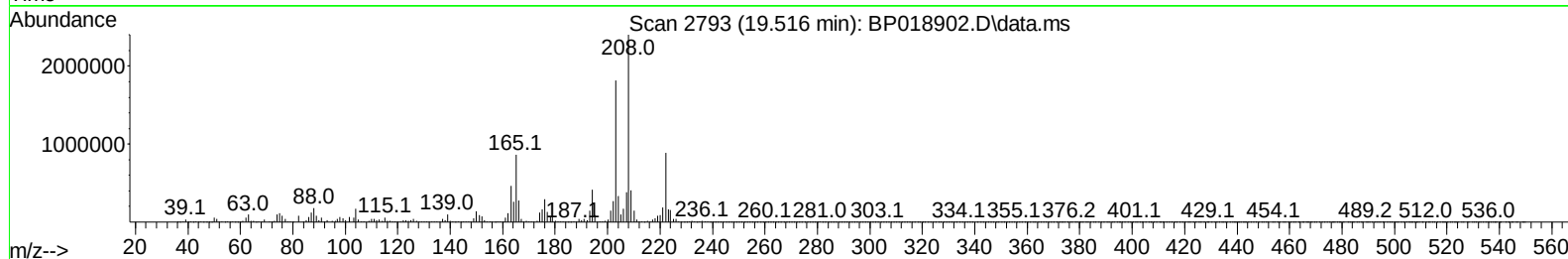
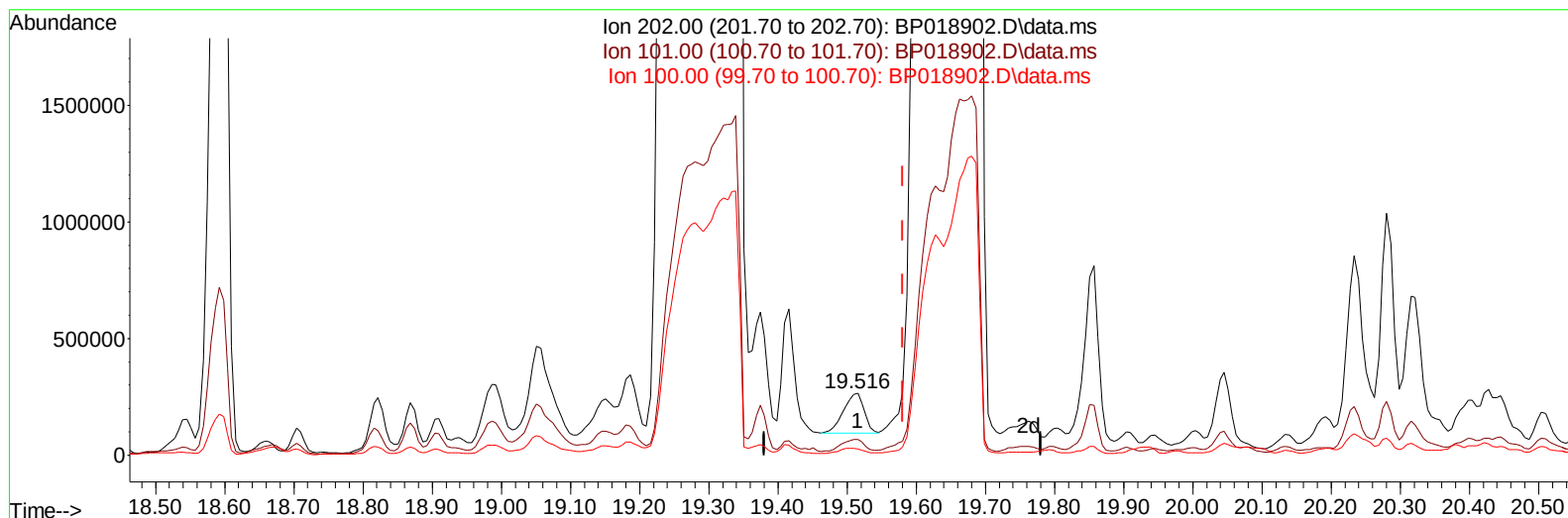
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(82) Pyrene

19.516min (-0.065) 5.21 ng/ul

response 351466

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	25.52#
100.00	11.40	9.92
0.00	0.00	0.00

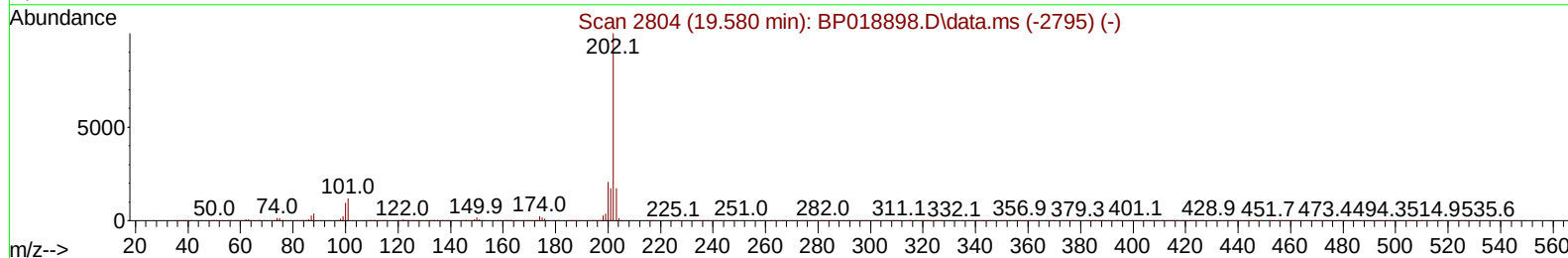
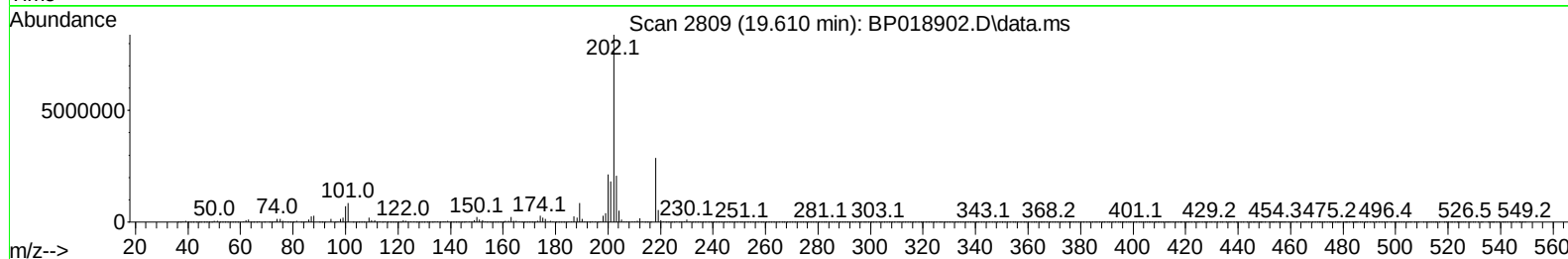
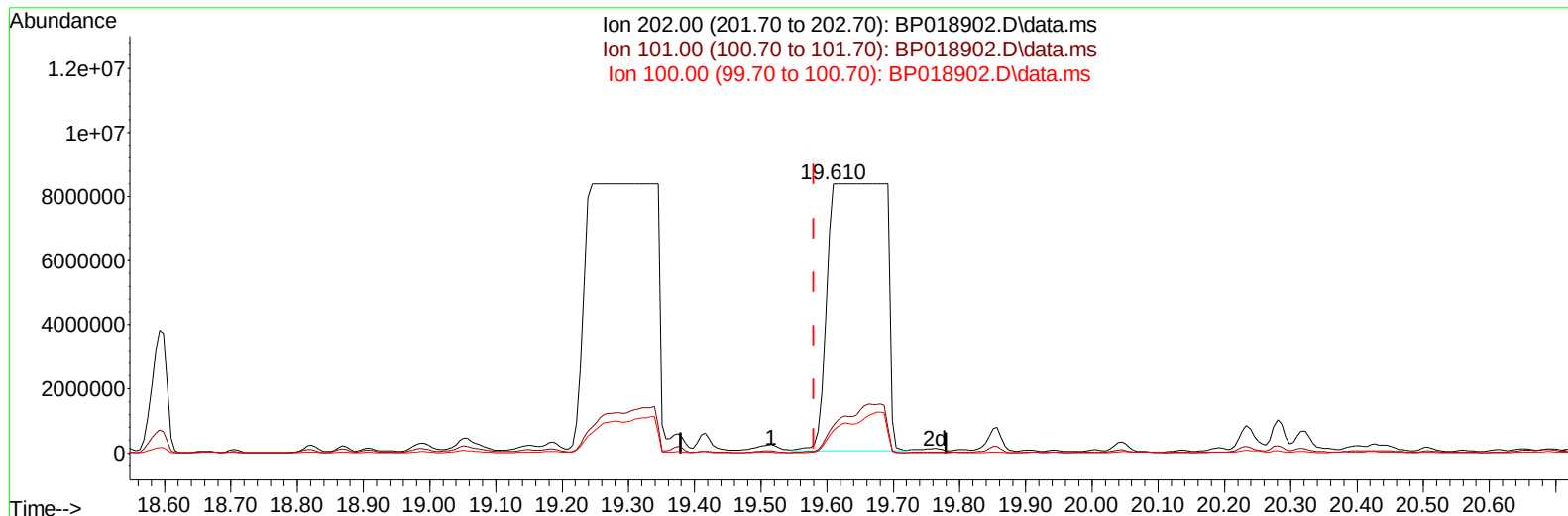
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018902.D
Acq On : 18 Dec 2023 12:23
Operator : MA/JU
Sample : 05626-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(82) Pyrene

19.610min (+ 0.029) 732.34 ng/ul m

response 49377272

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	10.28#
100.00	11.40	8.37#
0.00	0.00	0.00

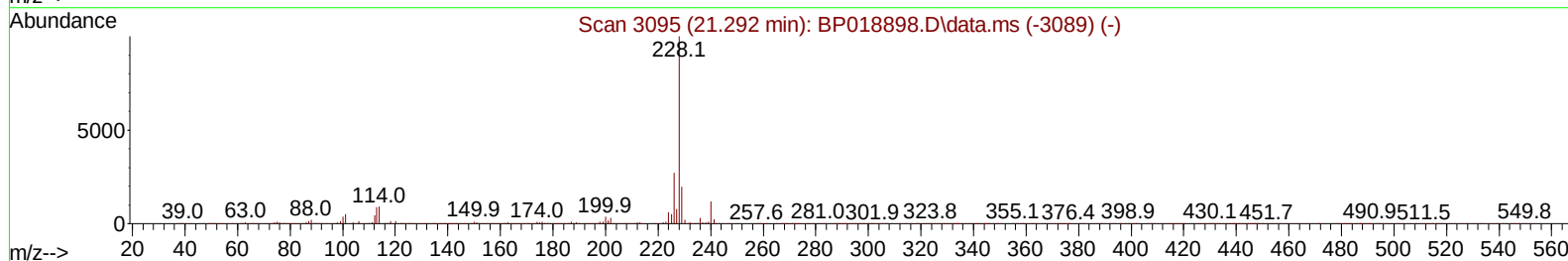
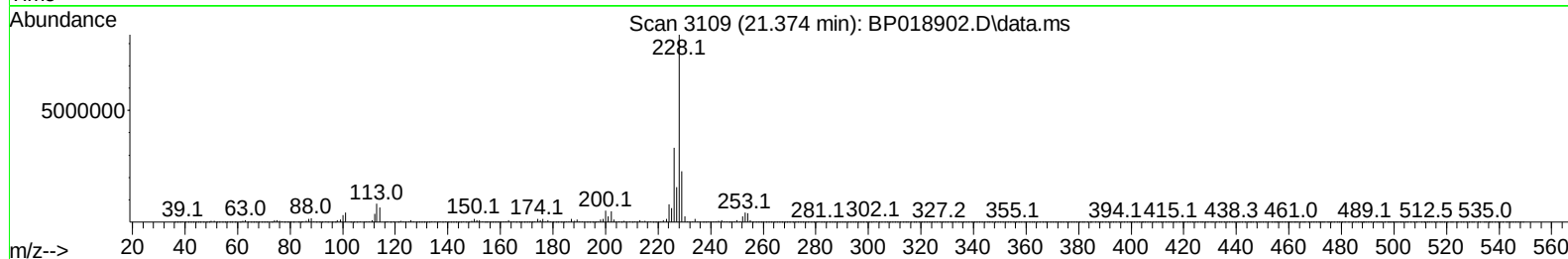
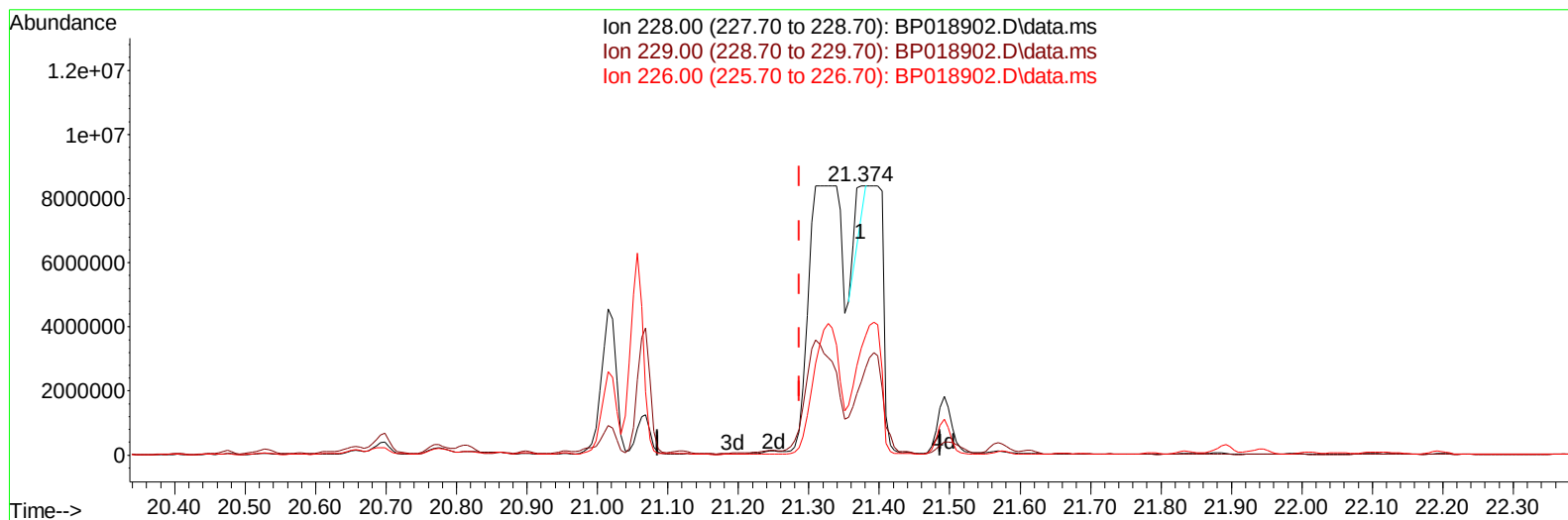
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(85) Benzo(a)anthracene

21.374min (+ 0.088) 33.99 ng/ul

response 2003820

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	27.24#
226.00	27.40	39.69#
0.00	0.00	0.00

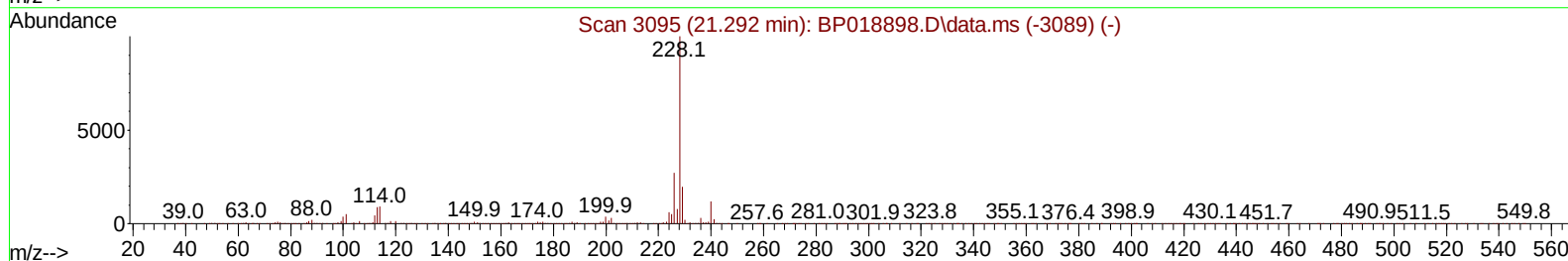
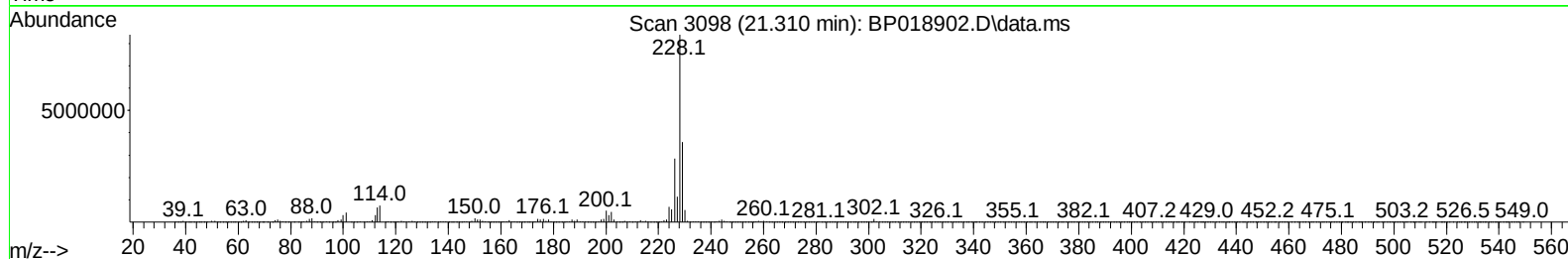
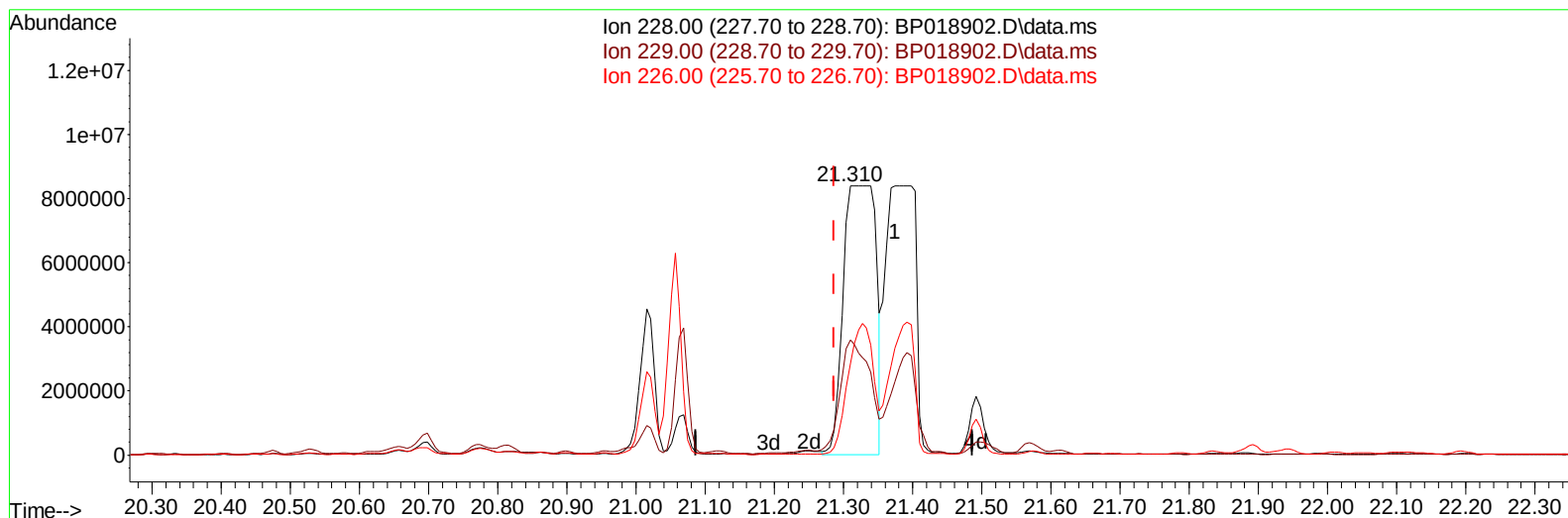
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(85) Benzo(a)anthracene

21.310min (+ 0.023) 461.64 ng/ul m

response 27217403

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	42.79#
226.00	27.40	34.02#
0.00	0.00	0.00

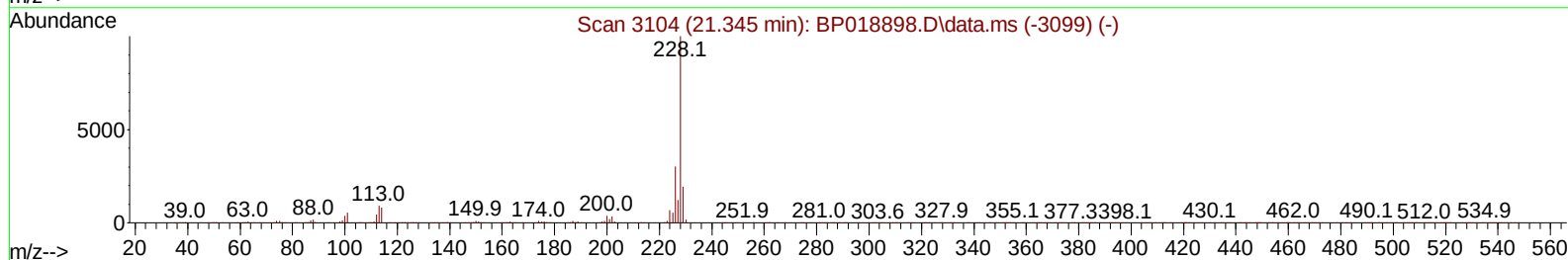
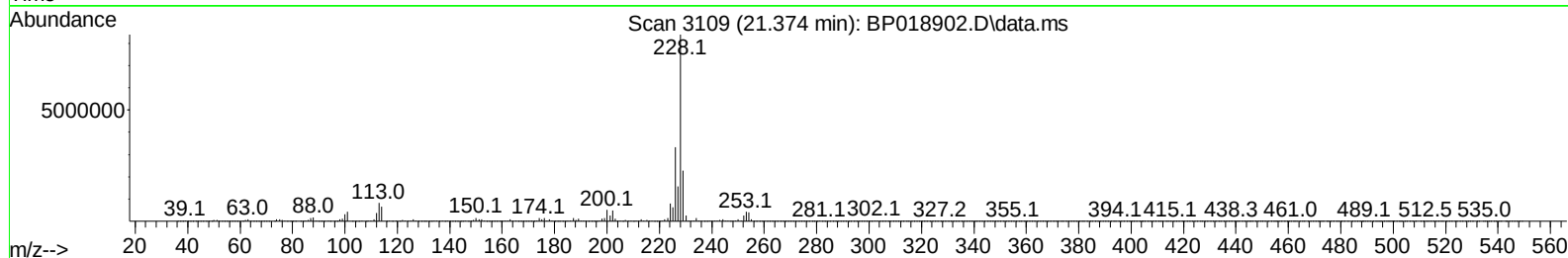
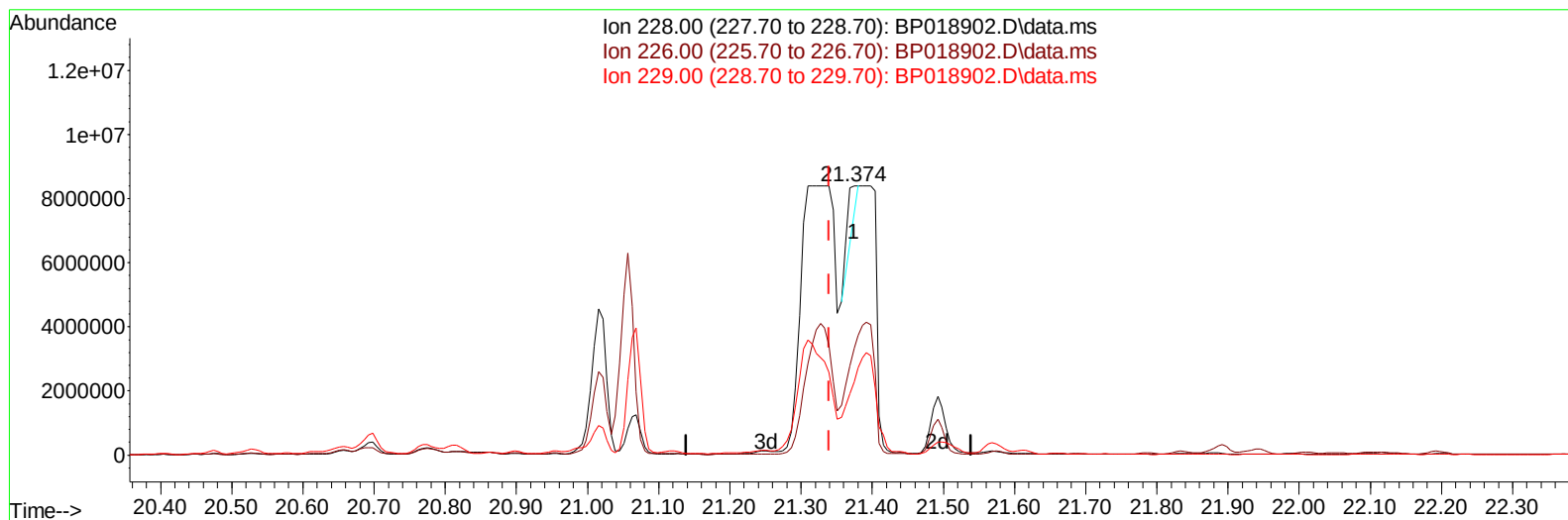
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(87) Chrysene

21.374min (+ 0.035) 36.91 ng/ul

response 2003820

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	39.69#
229.00	19.50	27.24#
0.00	0.00	0.00

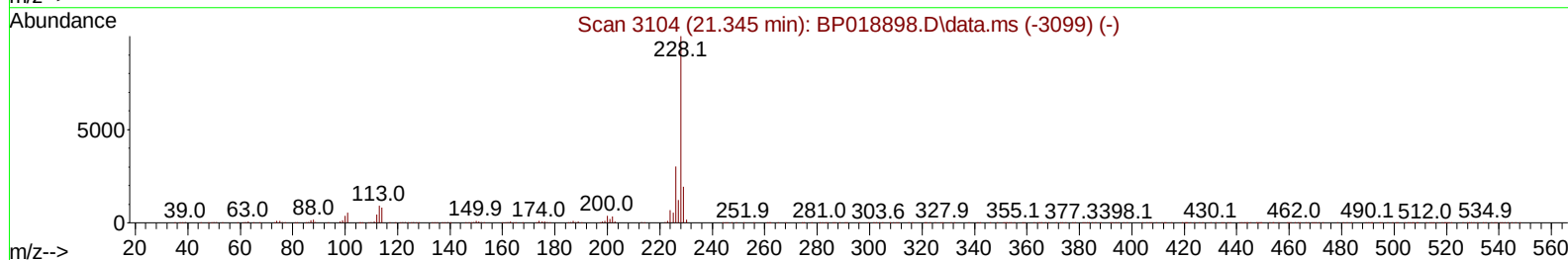
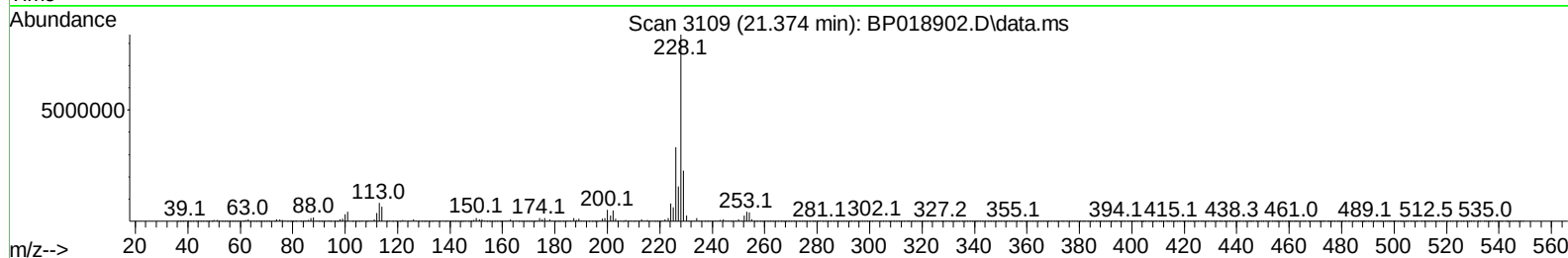
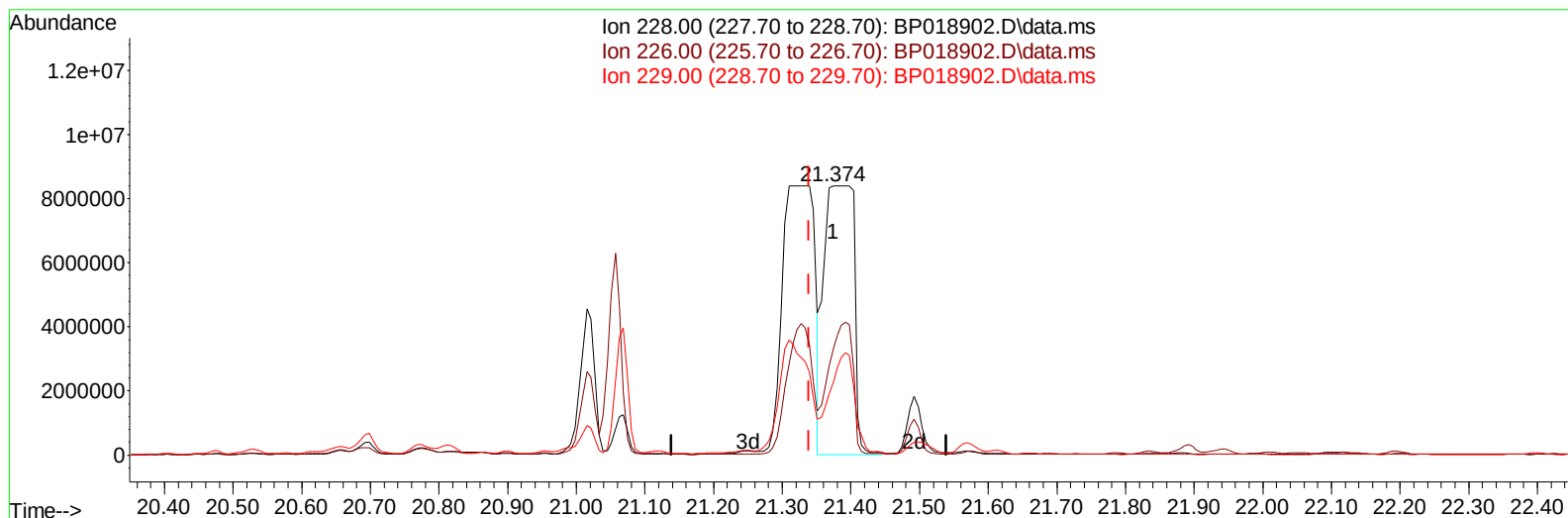
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(87) Chrysene

21.374min (+ 0.035) 466.44 ng/ul m

response 25324563

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.90	39.69#
229.00	19.50	27.24#
0.00	0.00	0.00

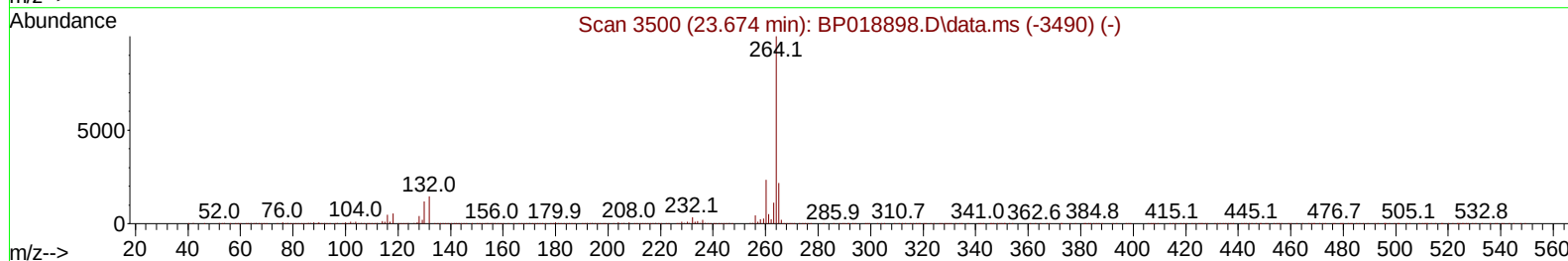
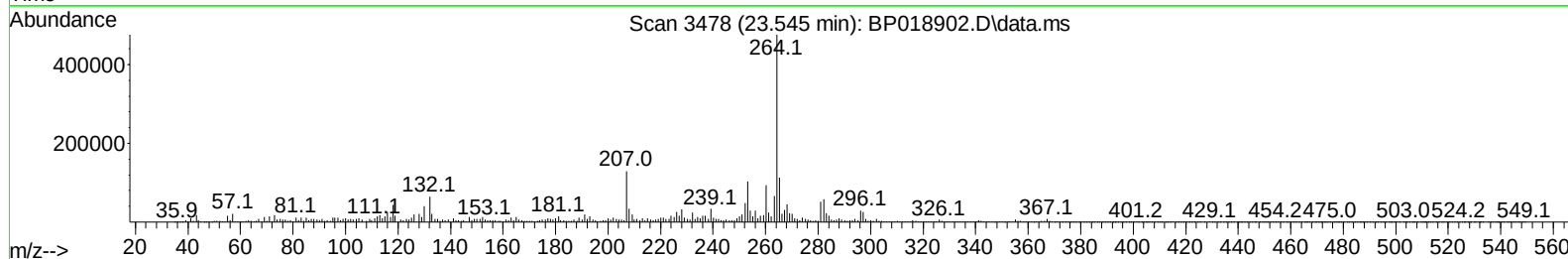
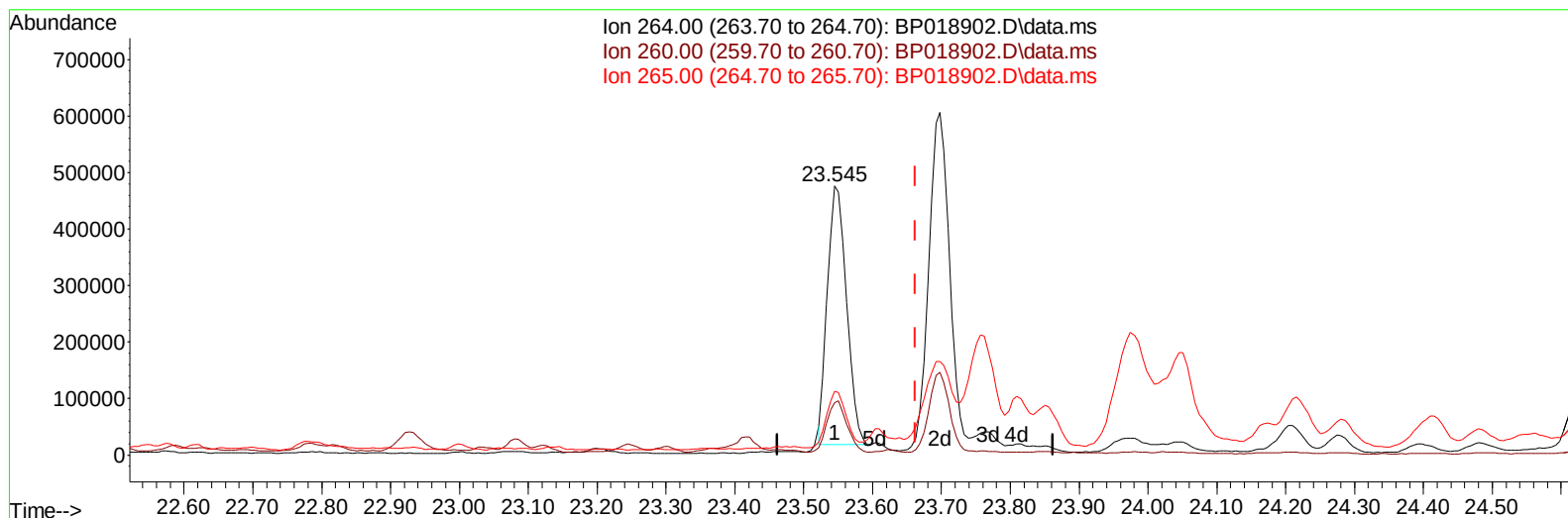
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(88) Perylene-d12 (I)

23.545min (-0.118) 20.00 ng/ul

response 885736

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.80	19.51
265.00	22.30	23.71
0.00	0.00	0.00

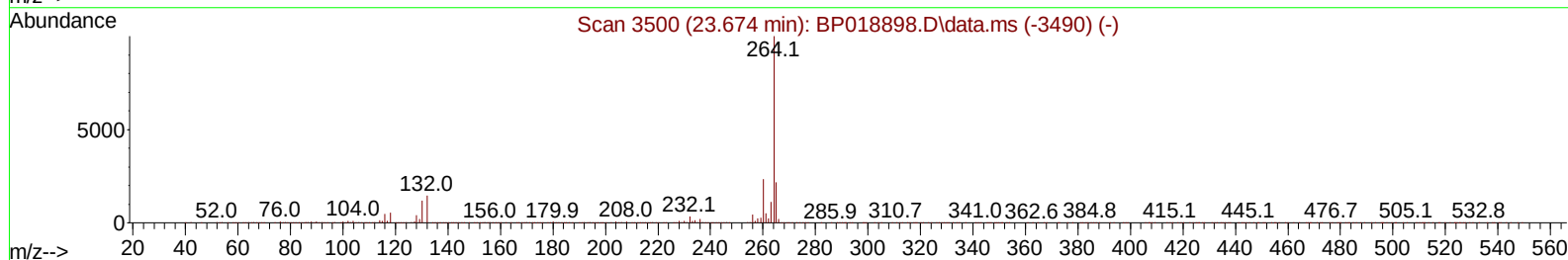
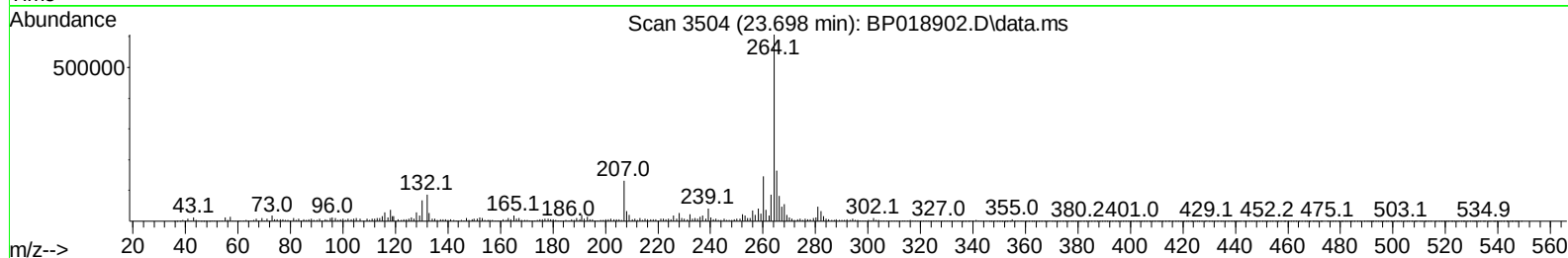
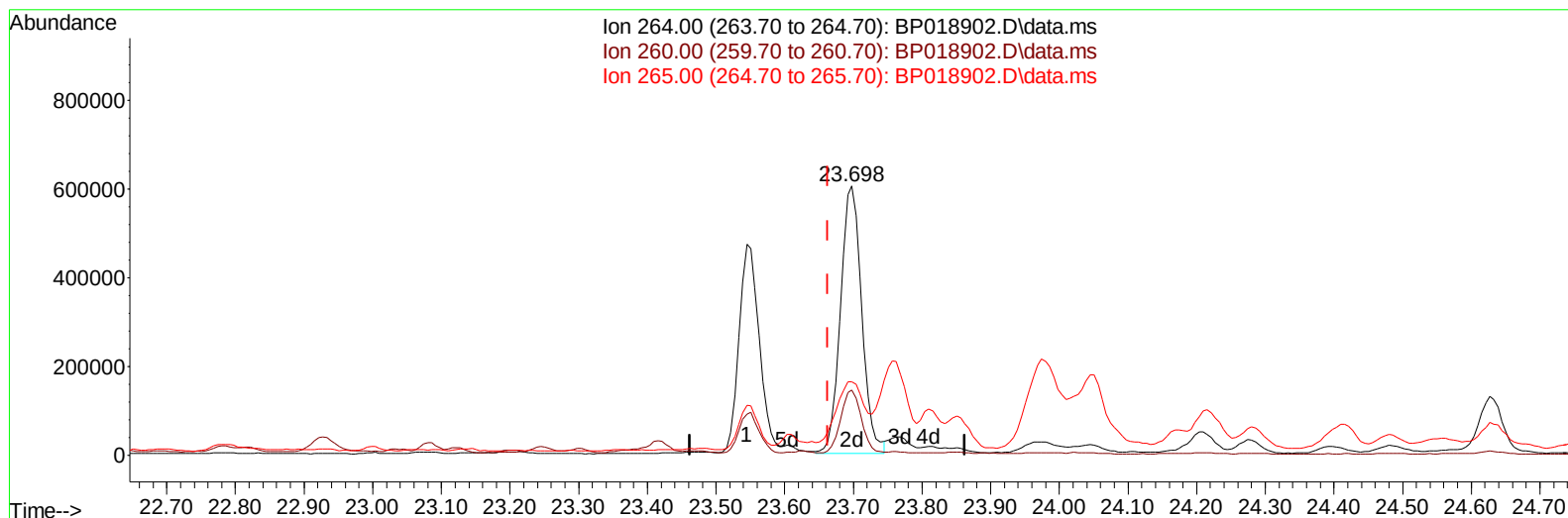
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(88) Perylene-d12 (I)

23.698min (+ 0.035) 20.00 ng/ul m

response 1293676

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.80	24.18
265.00	22.30	27.24#
0.00	0.00	0.00

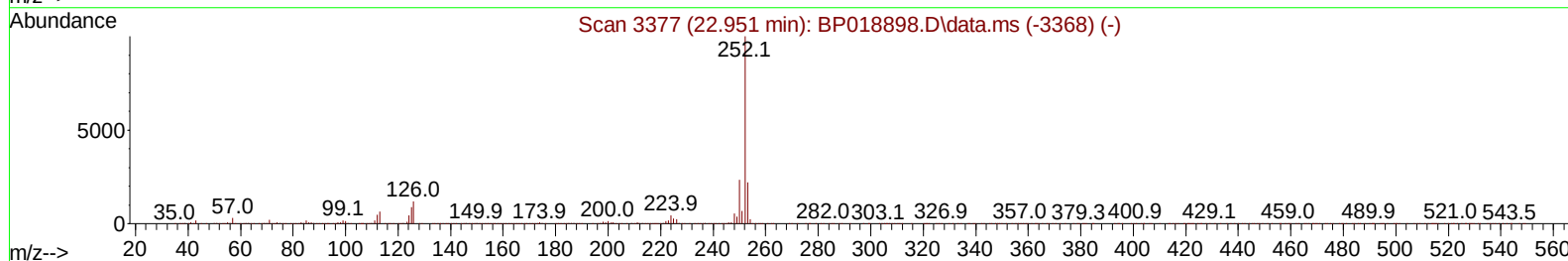
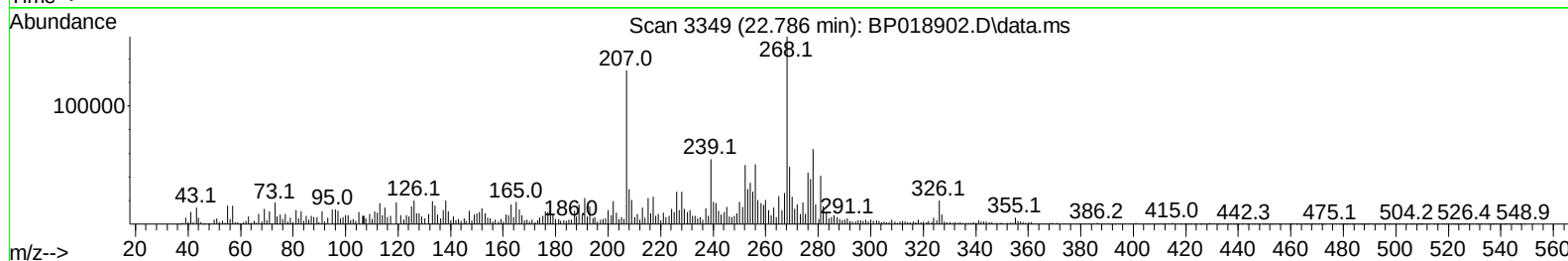
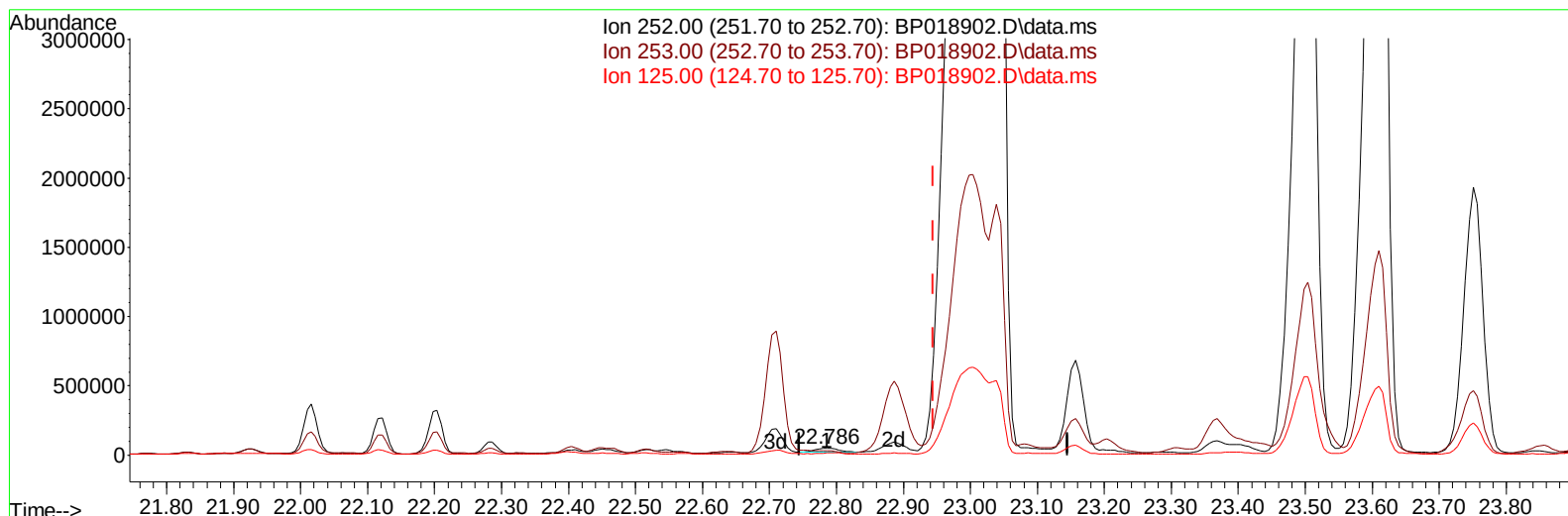
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(90) Benzo(b)fluoranthene

22.786min (-0.159) 0.75 ng/u1

response 71615

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	59.35#
125.00	9.70	29.64#
0.00	0.00	0.00

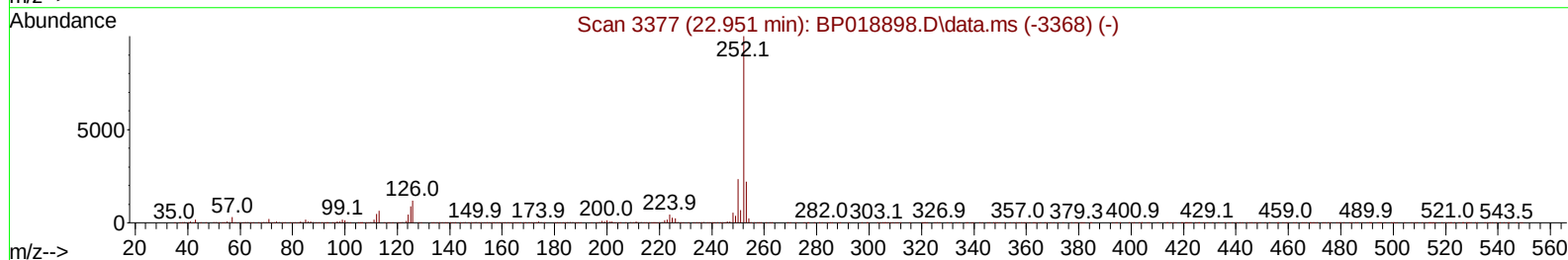
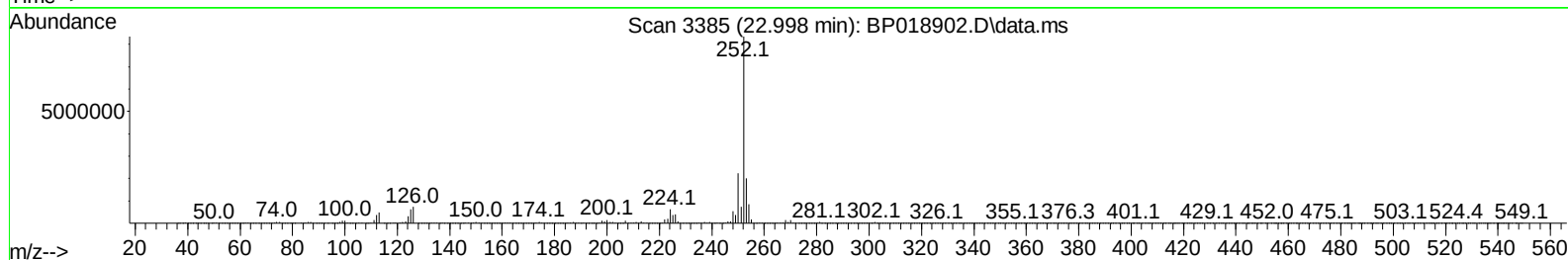
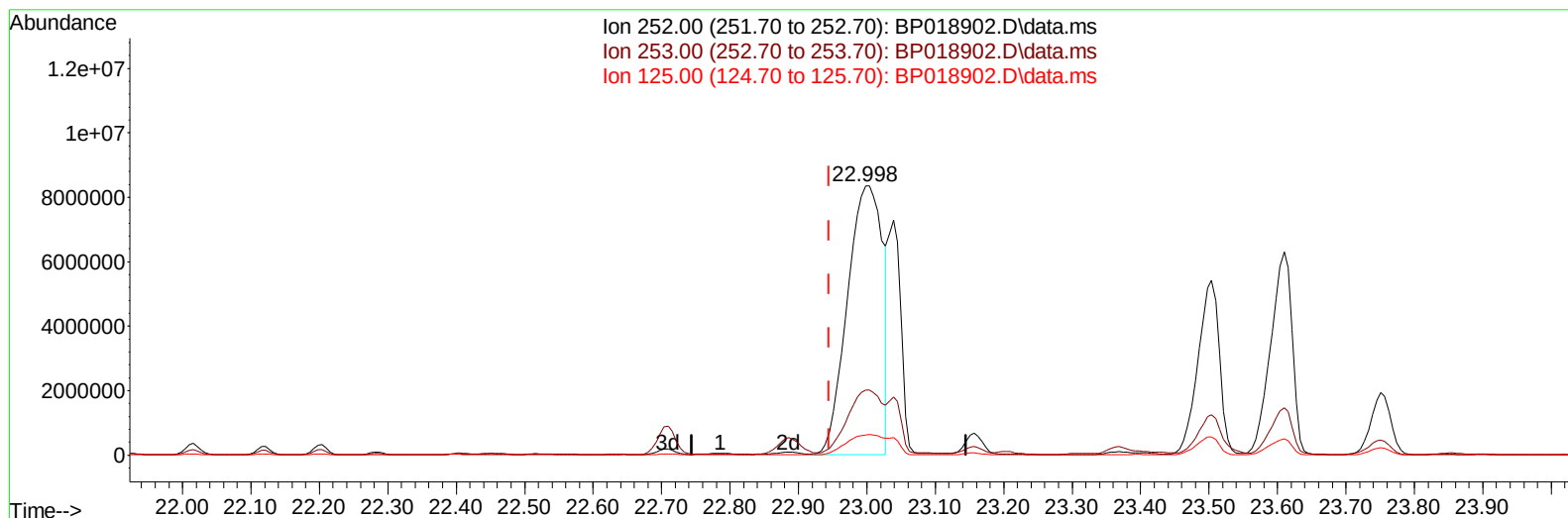
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018902.D
Acq On : 18 Dec 2023 12:23
Operator : MA/JU
Sample : 05626-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLF4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 18 22:08:48 2023
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BP018902.D\data.ms

(90) Benzo(b)fluoranthene

22.998min (+ 0.053) 314.46 ng/u l m

response 29994564

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	24.23
125.00	9.70	7.55#
0.00	0.00	0.00

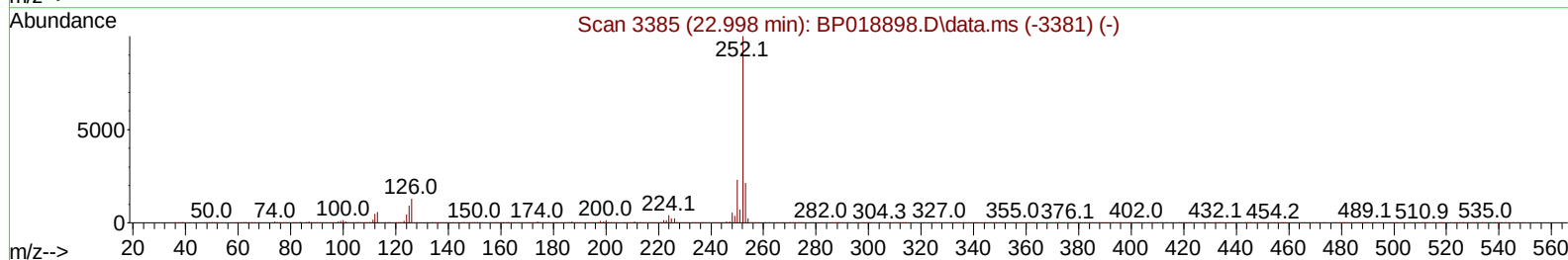
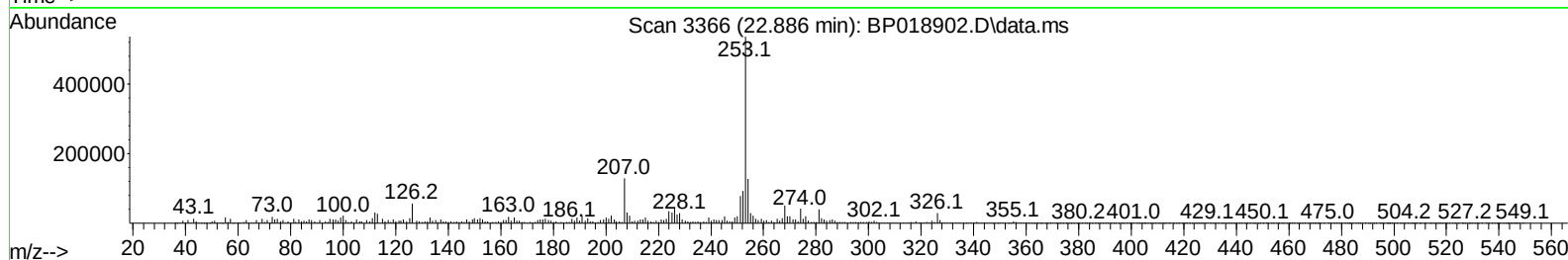
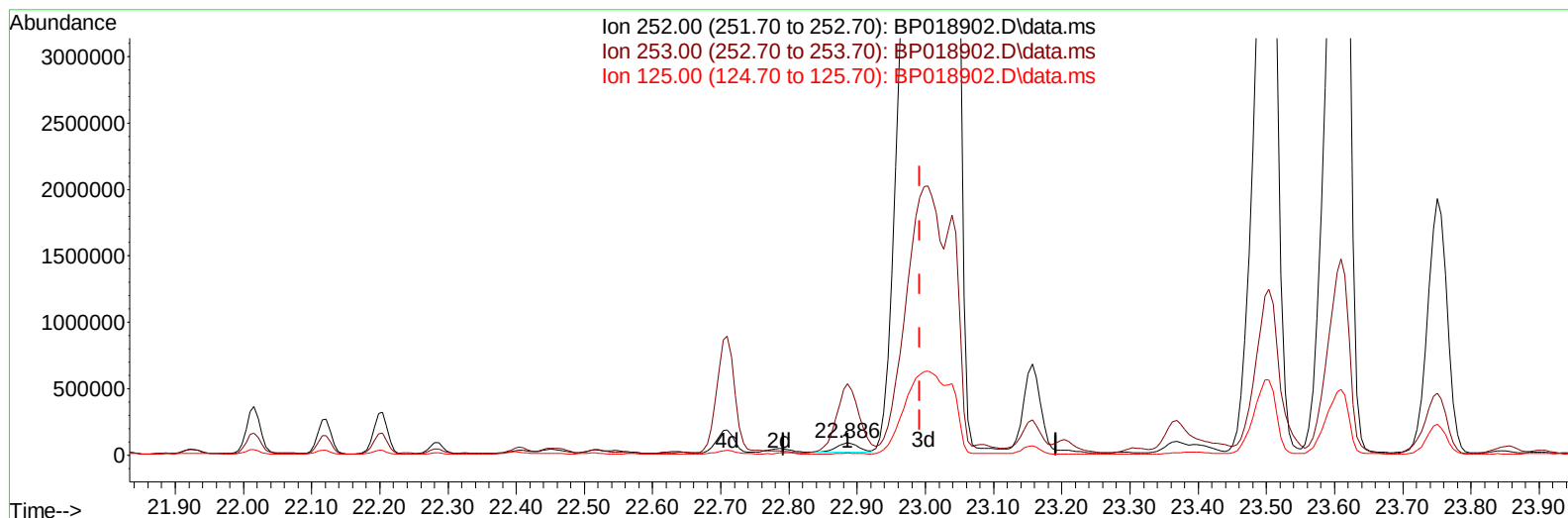
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(91) Benzo(k)fluoranthene

22.886min (-0.106) 1.73 ng/u1

response 159565

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	572.56#
125.00	10.00	16.31#
0.00	0.00	0.00

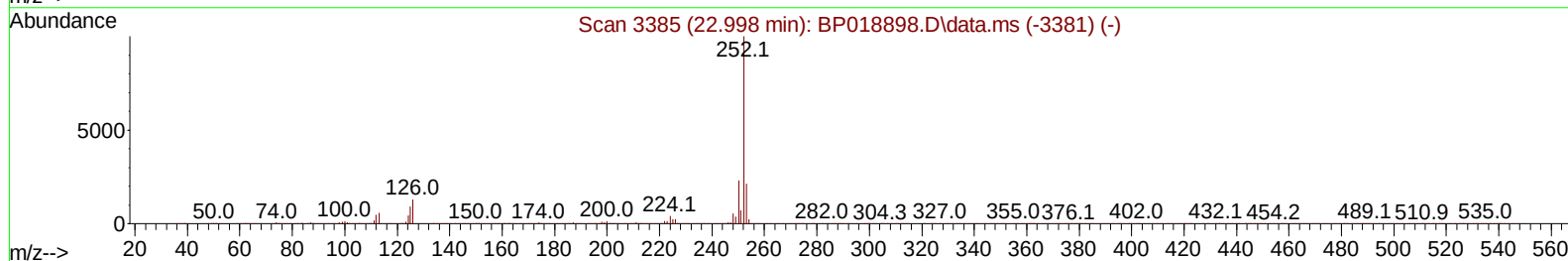
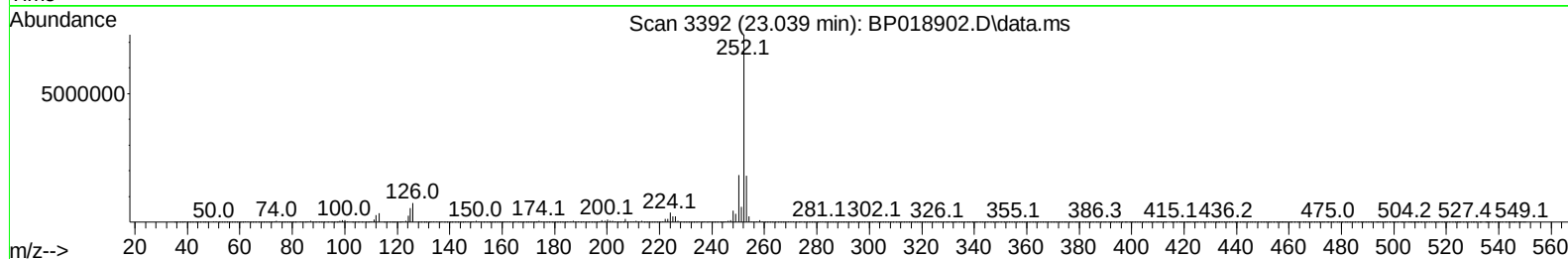
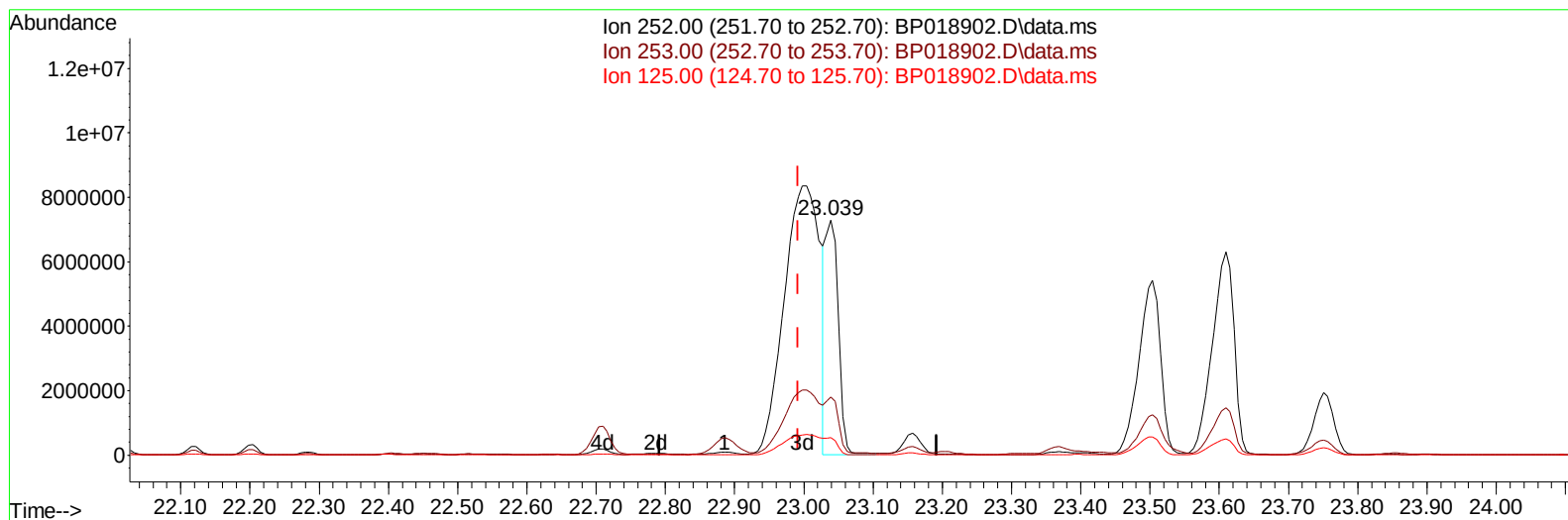
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
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 Quant Title : SVOA CALIBRATION
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TIC: BP018902.D\data.ms

(91) Benzo(k)fluoranthene

23.039min (+ 0.047) 100.84 ng/ul m

response 9306908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.81
125.00	10.00	7.37#
0.00	0.00	0.00

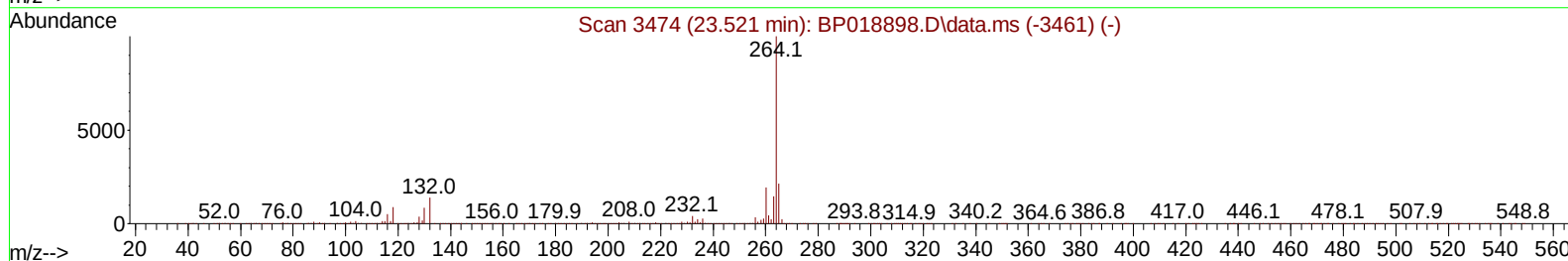
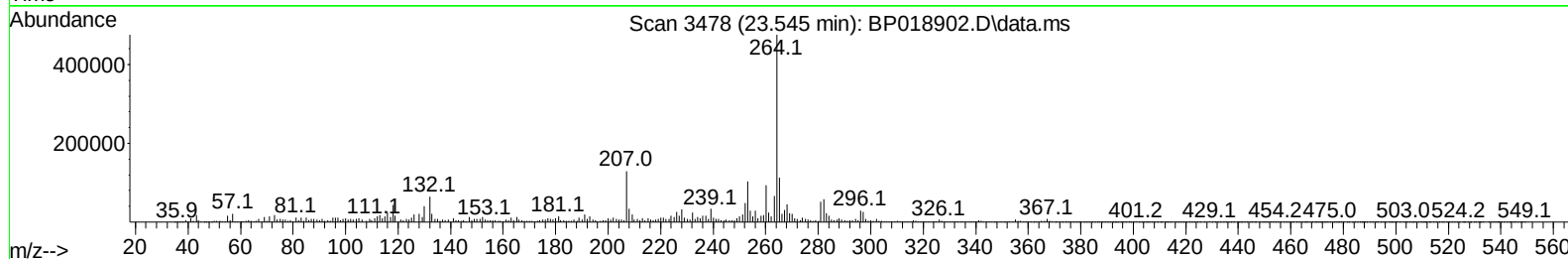
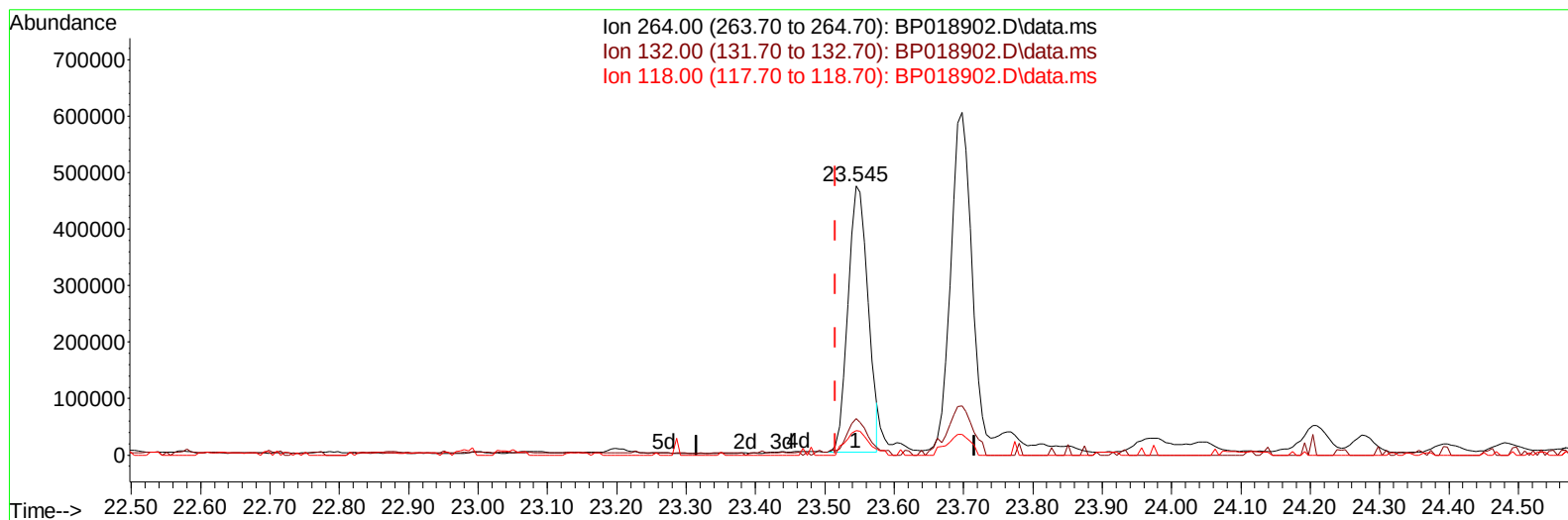
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BP018902.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.545min (+ 0.029) 12.43 ng/ul

response 937428

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.20	13.67
118.00	9.90	9.01
0.00	0.00	0.00

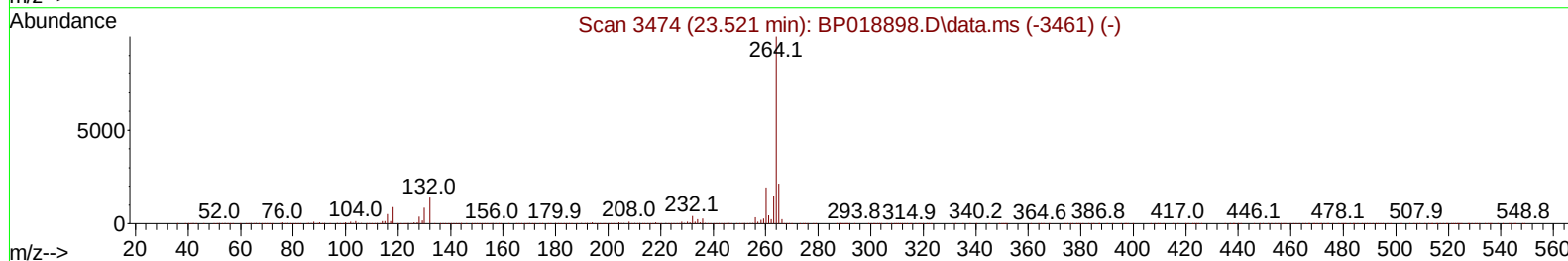
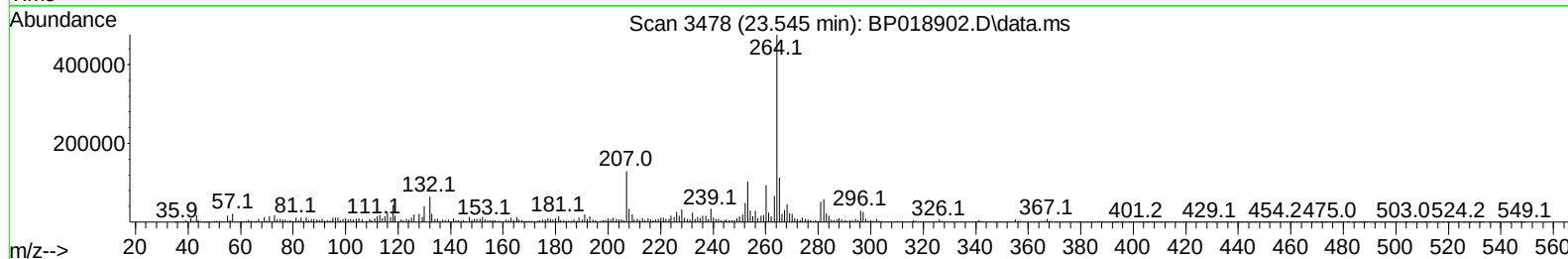
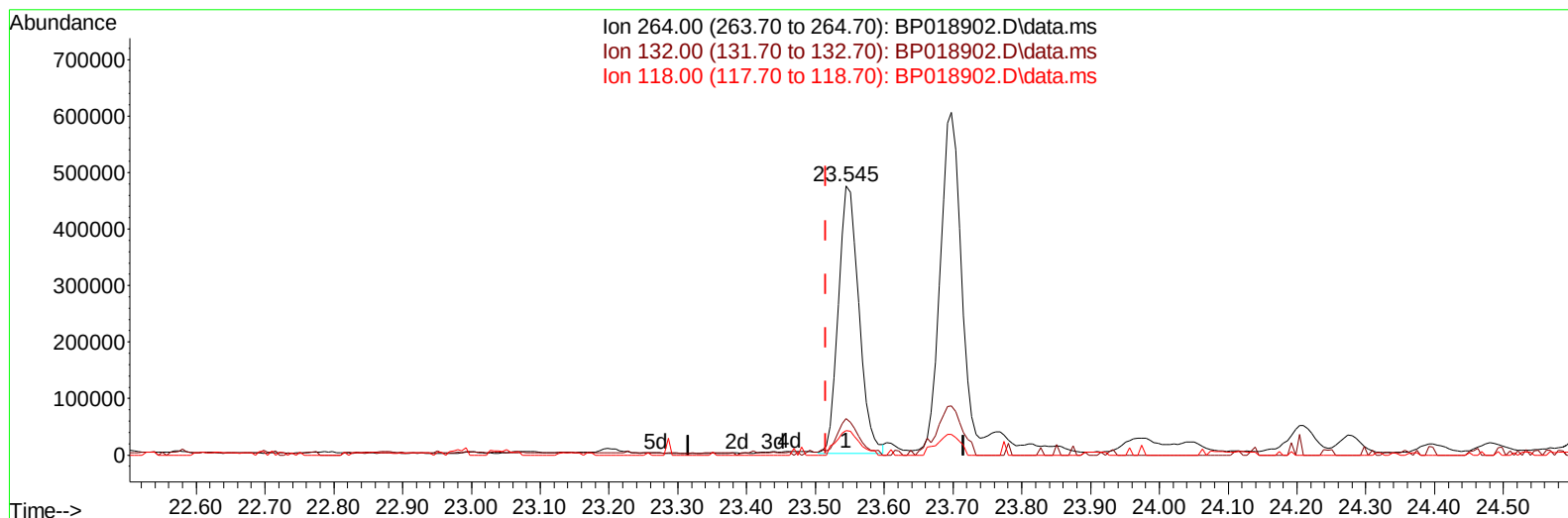
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.545min (+ 0.029) 13.03 ng/ul m

response 982680

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	16.20	13.67
118.00	9.90	9.01
0.00	0.00	0.00

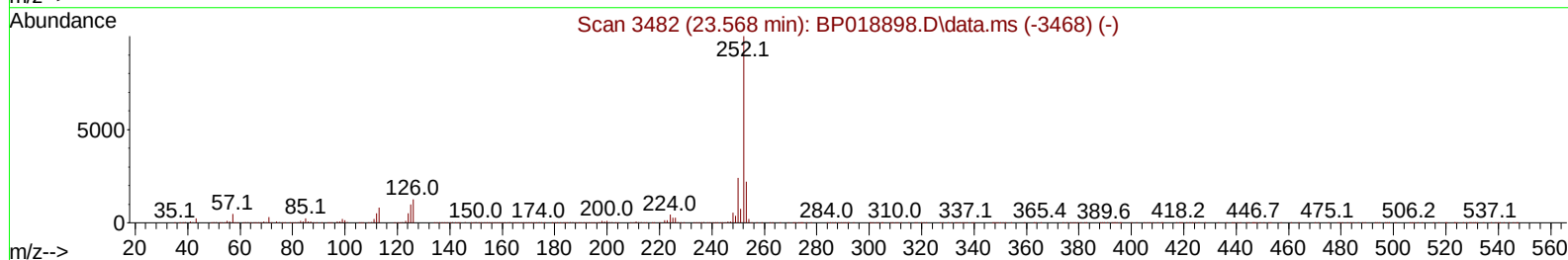
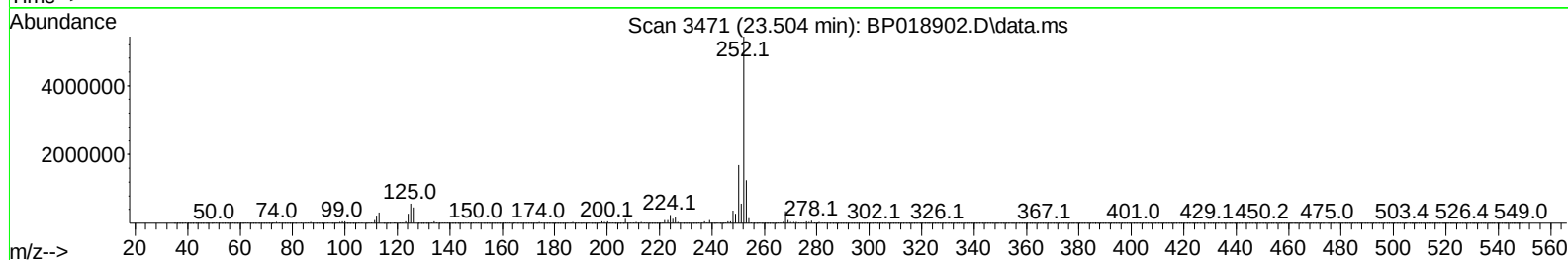
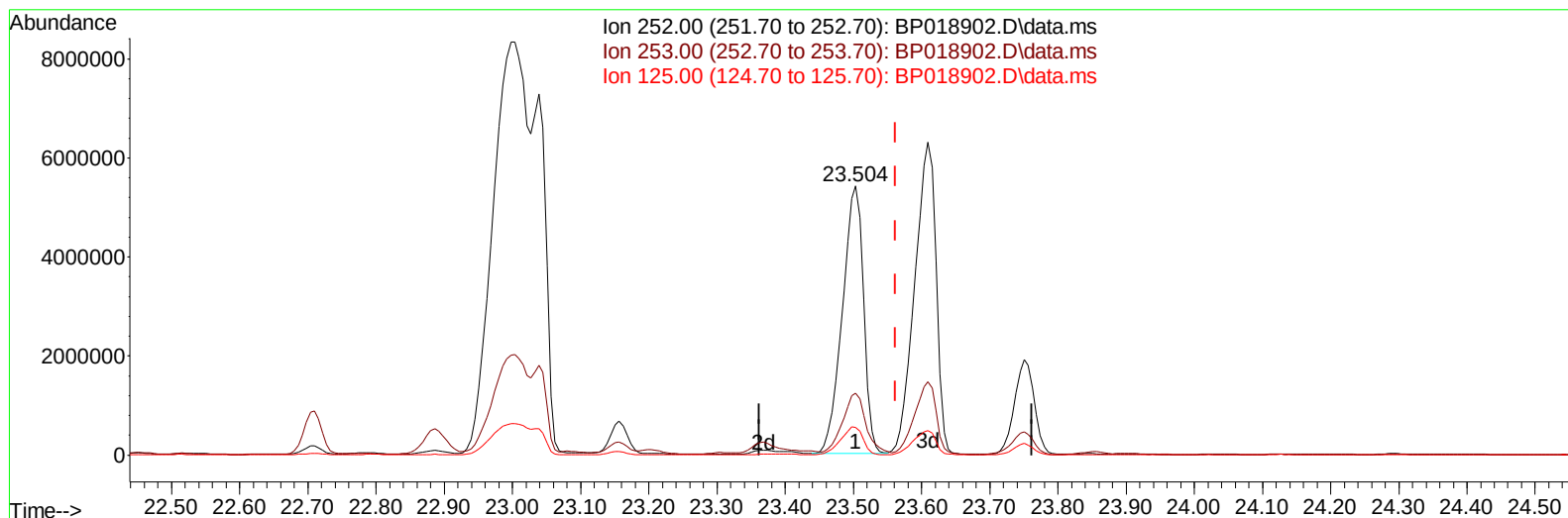
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(93) Benzo(a)pyrene (C)

23.504min (-0.059) 134.67 ng/ul

response 11736824

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.02
125.00	11.50	10.40
0.00	0.00	0.00

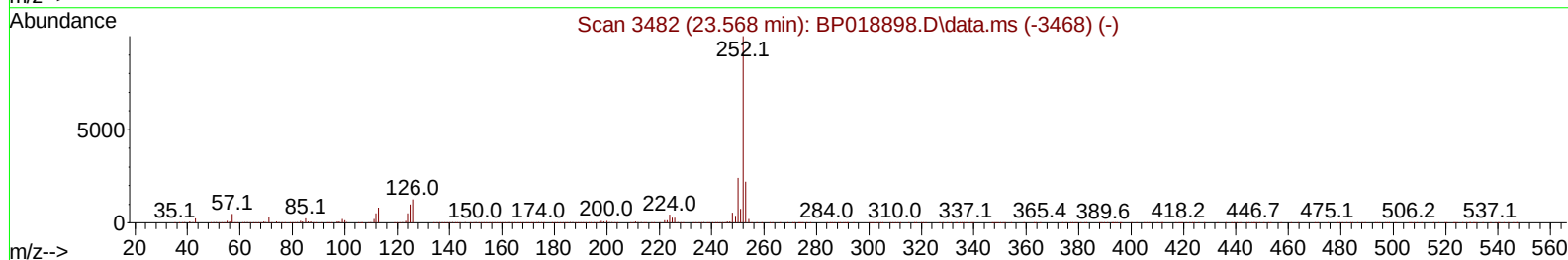
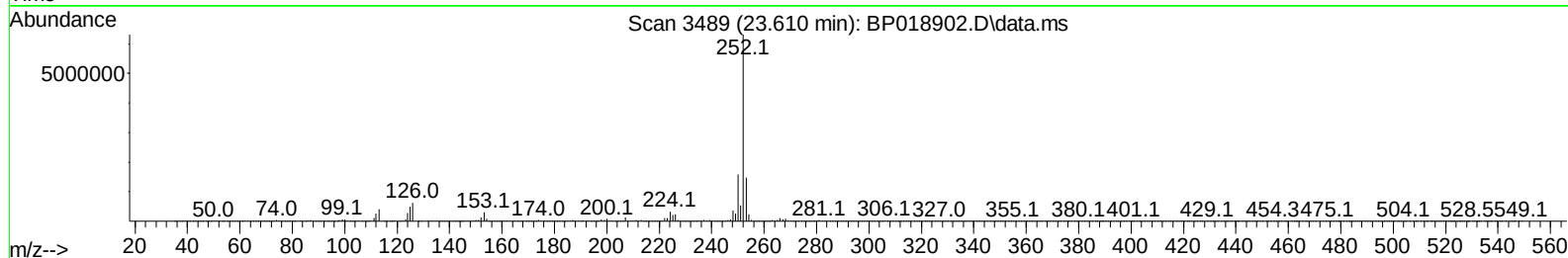
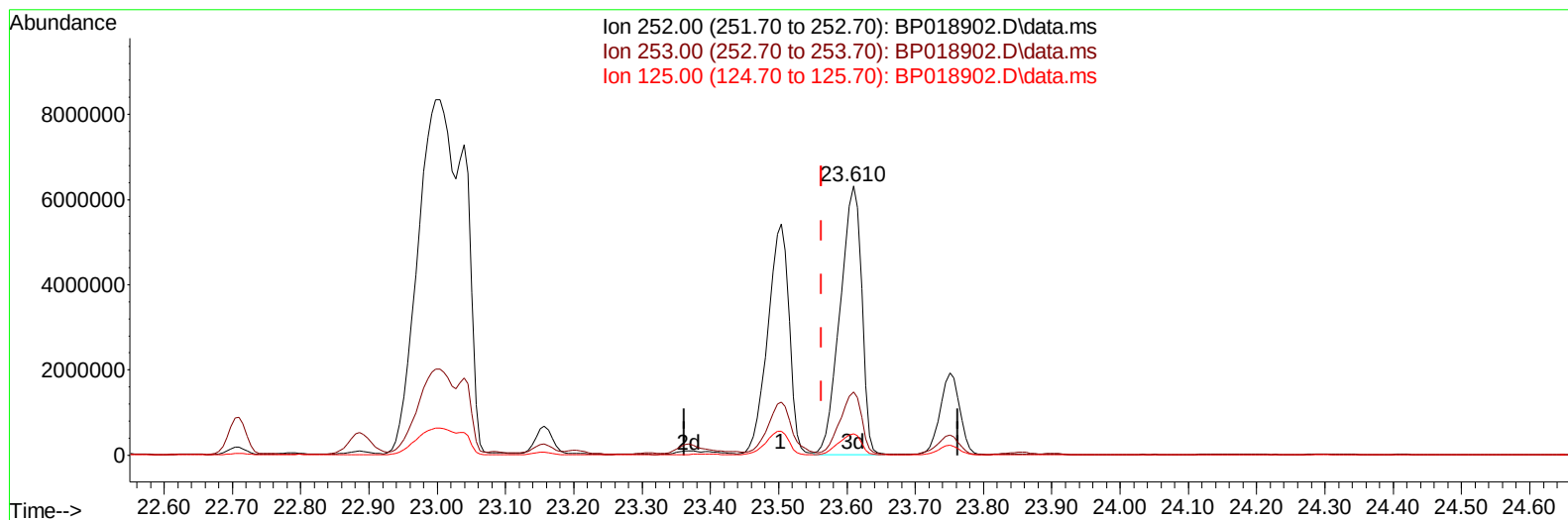
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

(93) Benzo(a)pyrene (C)

23.610min (+ 0.047) 158.34 ng/ul m

response 13800569

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.37
125.00	11.50	7.85#
0.00	0.00	0.00

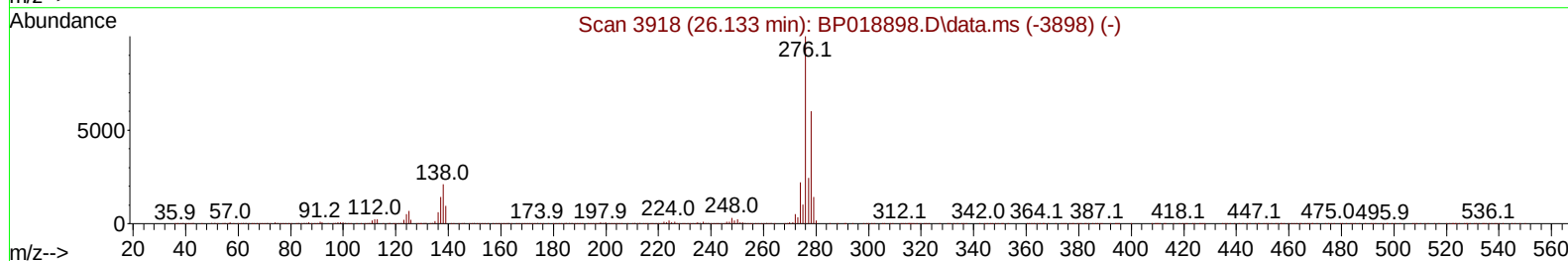
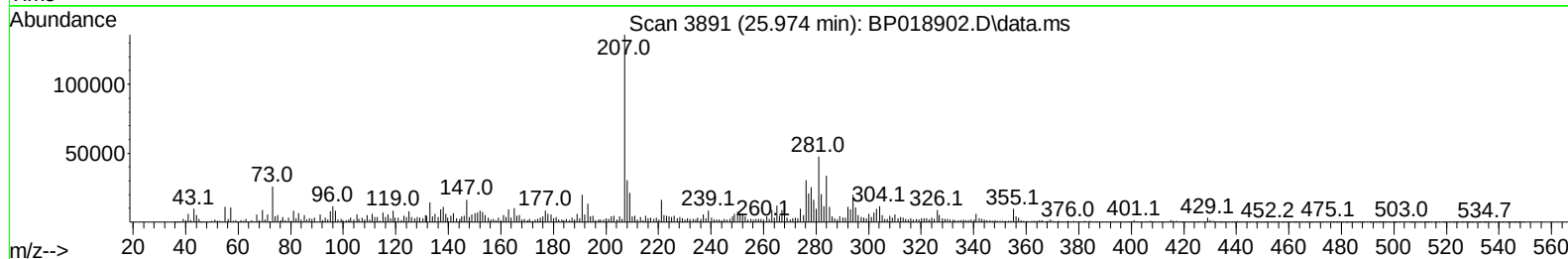
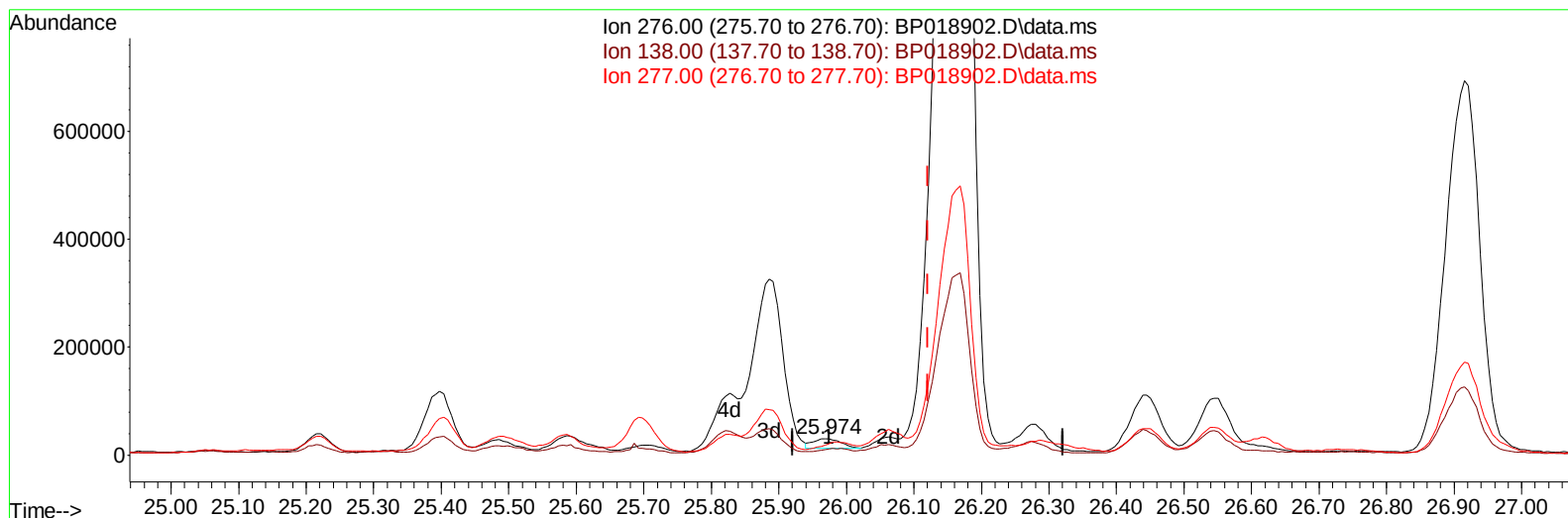
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018902.D
Acq On : 18 Dec 2023 12:23
Operator : MA/JU
Sample : 05626-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

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

25.974min (-0.147) 0.47 ng/u1

response 49182

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.30	36.05#
277.00	24.70	68.52#
0.00	0.00	0.00

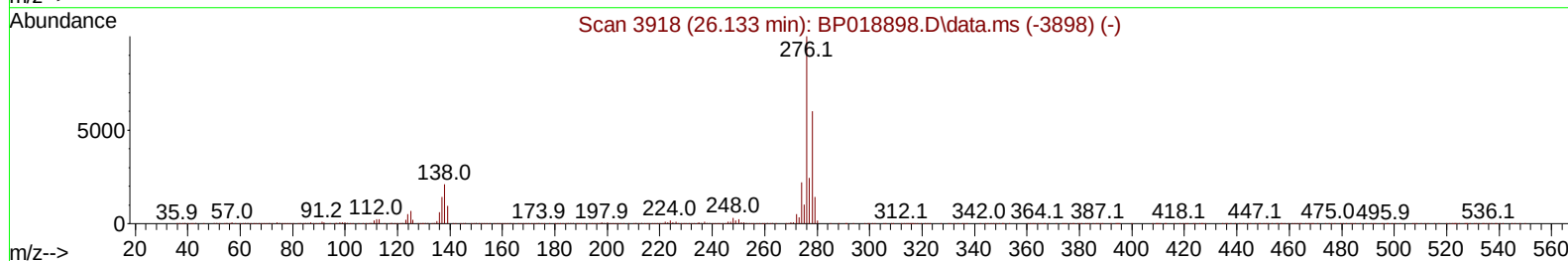
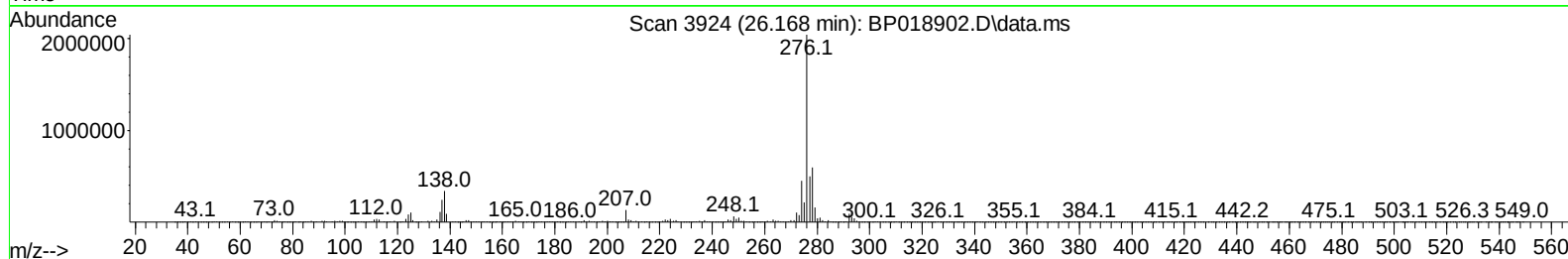
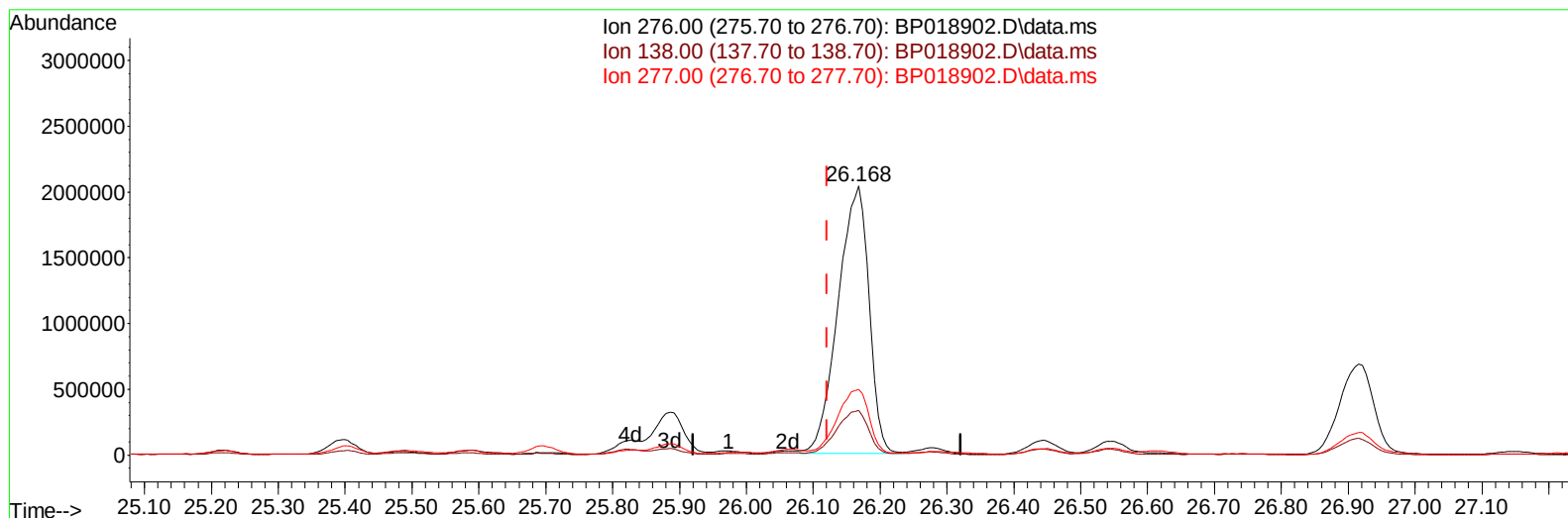
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

Manual IntegrationsAPPROVED

Quant Time: Dec 18 22:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023



TIC: BP018902.D\data.ms

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

26.168min (+ 0.047) 62.50 ng/ul m

response 6508447

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.30	16.53#
277.00	24.70	24.38
0.00	0.00	0.00

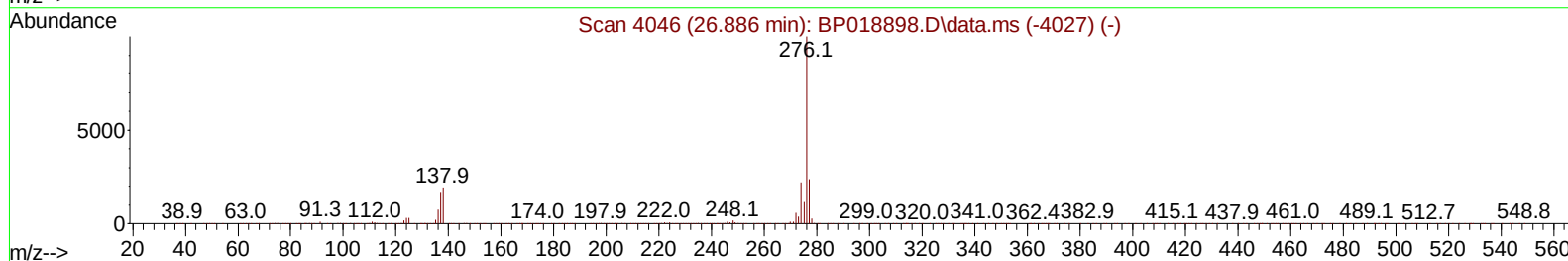
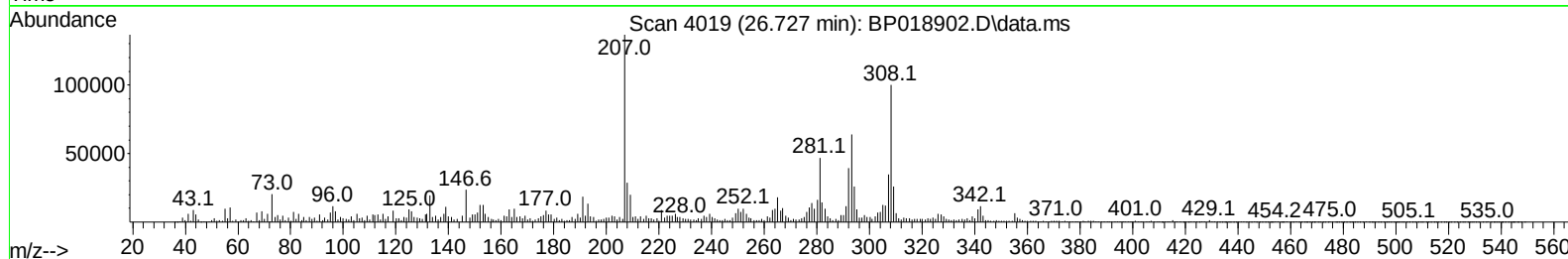
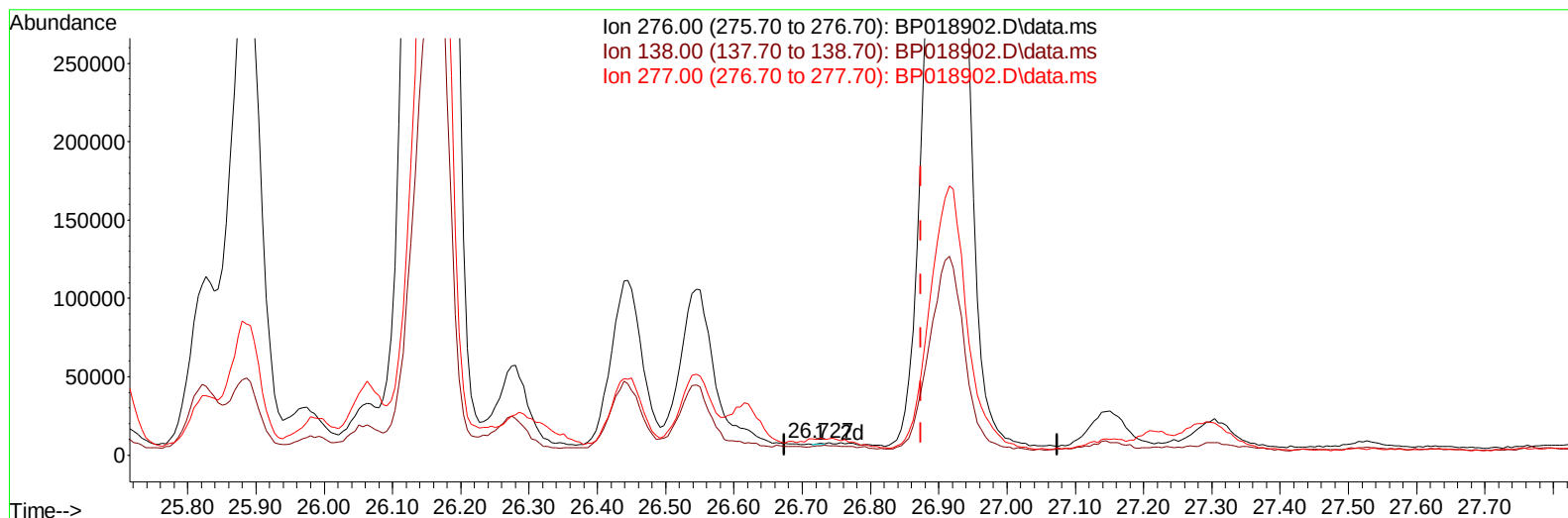
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP018902.D\data.ms

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

26.727min (-0.147) 0.01 ng/u1

response 718

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	76.21#
277.00	24.20	140.44#
0.00	0.00	0.00

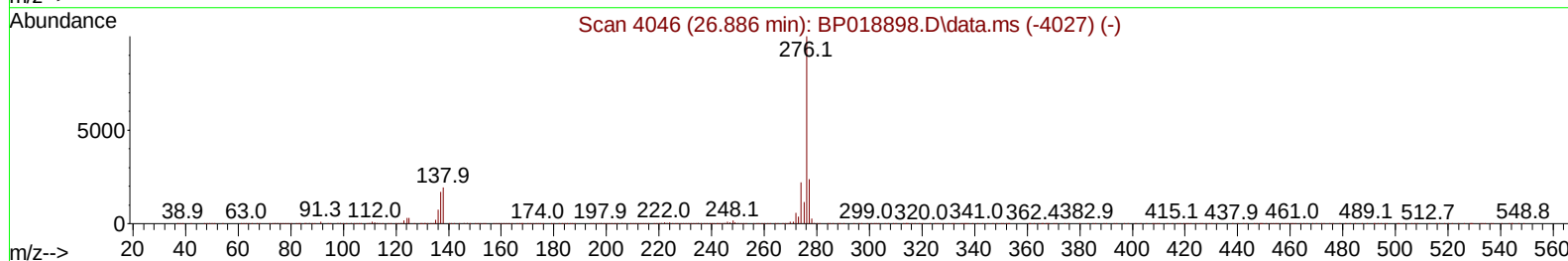
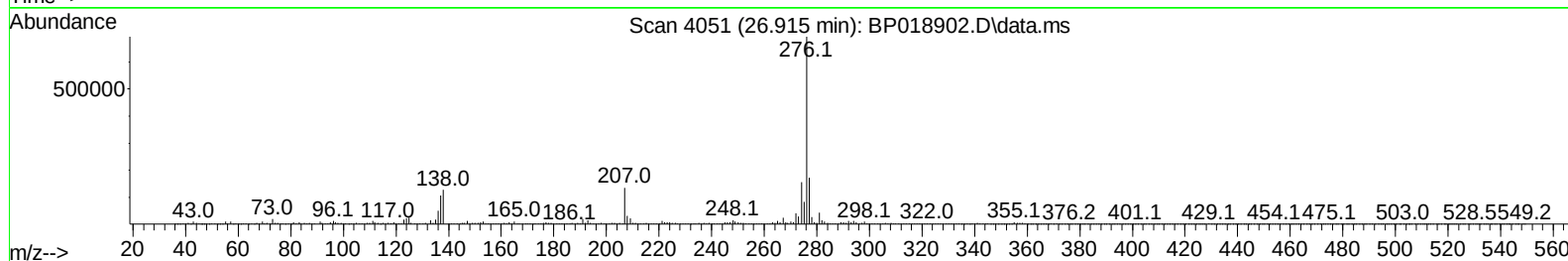
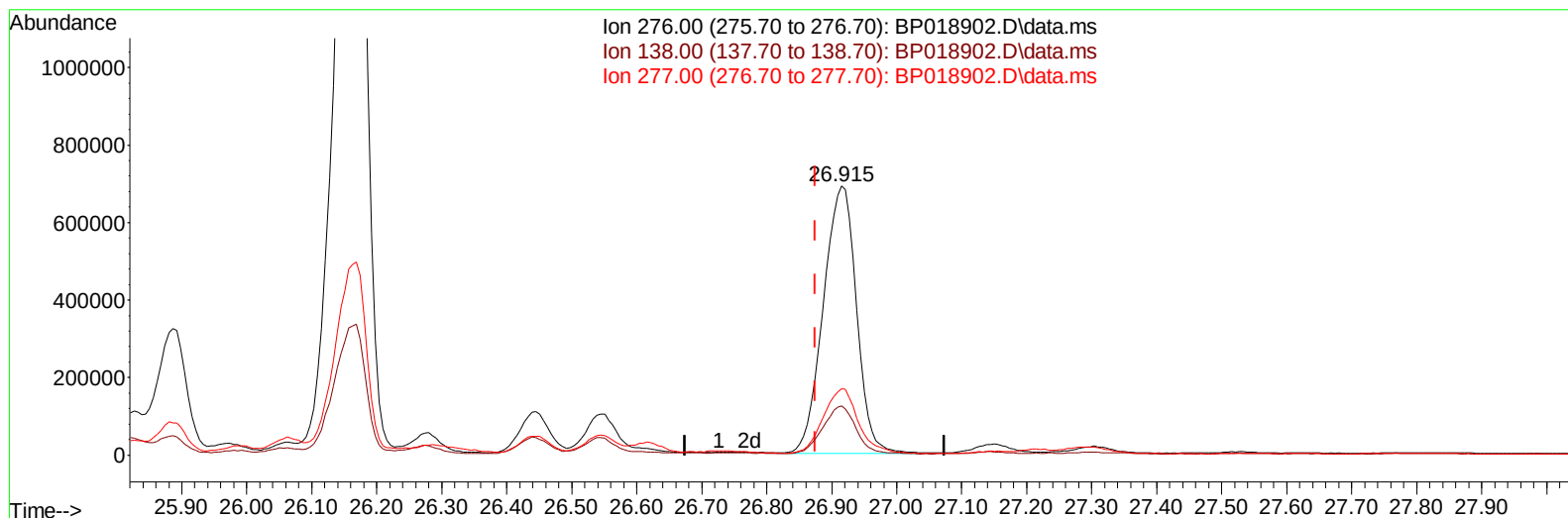
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018902.D
 Acq On : 18 Dec 2023 12:23
 Operator : MA/JU
 Sample : 05626-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCLF4

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TIC: BP018902.D\data.ms

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

26.915min (+ 0.041) 29.44 ng/ul m

response 2467210

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	18.29
277.00	24.20	24.73
0.00	0.00	0.00

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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152		222963	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136		822952	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164		555059	20.000	ng/ul	# 0.02
64) Phenanthrene-d10	17.239	188		585106	20.000	ng/ul	0.02
79) Chrysene-d12	21.345	240		726361	20.000	ng/ul	# 0.04
88) Perylene-d12	23.698	264		1293676m	20.000	ng/ul	0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.264	96		12015	1.836	ng/uL	0.00
4) Pyridine-d5	3.681	84		86229	4.920	ng/ul	0.00
7) Phenol-d5	6.999	99		248841	11.121	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67		142352	10.734	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132		196179	11.236	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113		190945	10.545	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128		90801	12.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143		93638	12.331	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165		200595	12.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131		104395	5.144	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166		570873	11.524	ng/ul	0.02
49) Acenaphthylene-d8	14.157	160		612413	11.227	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143		94318	11.599	ng/ul	0.04
60) Fluorene-d10	15.475	176		517582	12.447	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.586	200		276	0.079	ng/ul	0.00
73) Anthracene-d10	17.422	188		462270	15.028	ng/ul	0.11
81) Pyrene-d10	19.592	212		624512	11.045	ng/ul	0.04
92) Benzo(a)pyrene-d12	23.545	264		982680m	13.028	ng/ul	0.03
Target Compounds							
							Qvalue
30) Naphthalene	10.687	128	18136109	363.279	ng/ul		95
36) 2-Methylnaphthalene	12.310	142	19172453	542.088	ng/ul		99
37) 1-Methylnaphthalene	12.528	142	13379422	374.592	ng/ul#		98
50) Acenaphthylene	14.192	152	2788990	45.474	ng/ul#		89
52) Acenaphthene	14.581	153	37772842m	931.480	ng/ul		
61) Fluorene	15.539	166	44100381m	988.876	ng/ul		
72) Phenanthrene	17.269	178	83240868m	2355.581	ng/ul		
74) Anthracene	17.433	178	29554656m	834.370	ng/ul		
80) Fluoranthene	19.245	202	59686043m	893.043	ng/ul		
82) Pyrene	19.610	202	49377272m	732.343	ng/ul		
85) Benzo(a)anthracene	21.310	228	27217403m	461.642	ng/ul		
87) Chrysene	21.374	228	25324563m	466.439	ng/ul		
90) Benzo(b)fluoranthene	22.998	252	29994564m	314.462	ng/ul		
91) Benzo(k)fluoranthene	23.039	252	9306908m	100.844	ng/ul		
93) Benzo(a)pyrene	23.610	252	13800569m	158.345	ng/ul		
94) Indeno(1,2,3-cd)pyrene	26.168	276	6508447m	62.502	ng/ul		
96) Benzo(g,h,i)perylene	26.915	276	2467210m	29.441	ng/ul		

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

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