

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

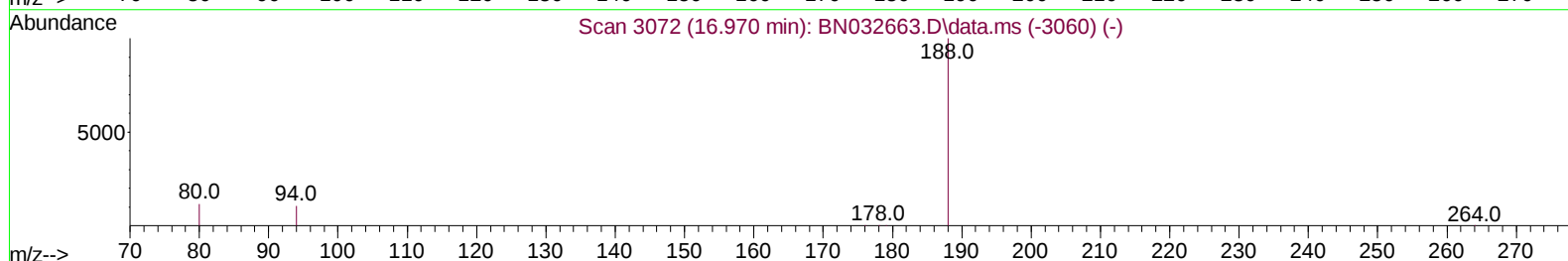
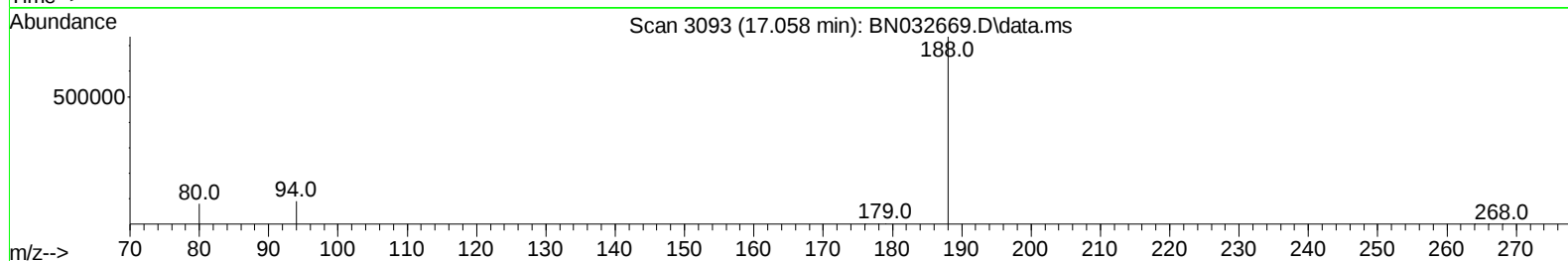
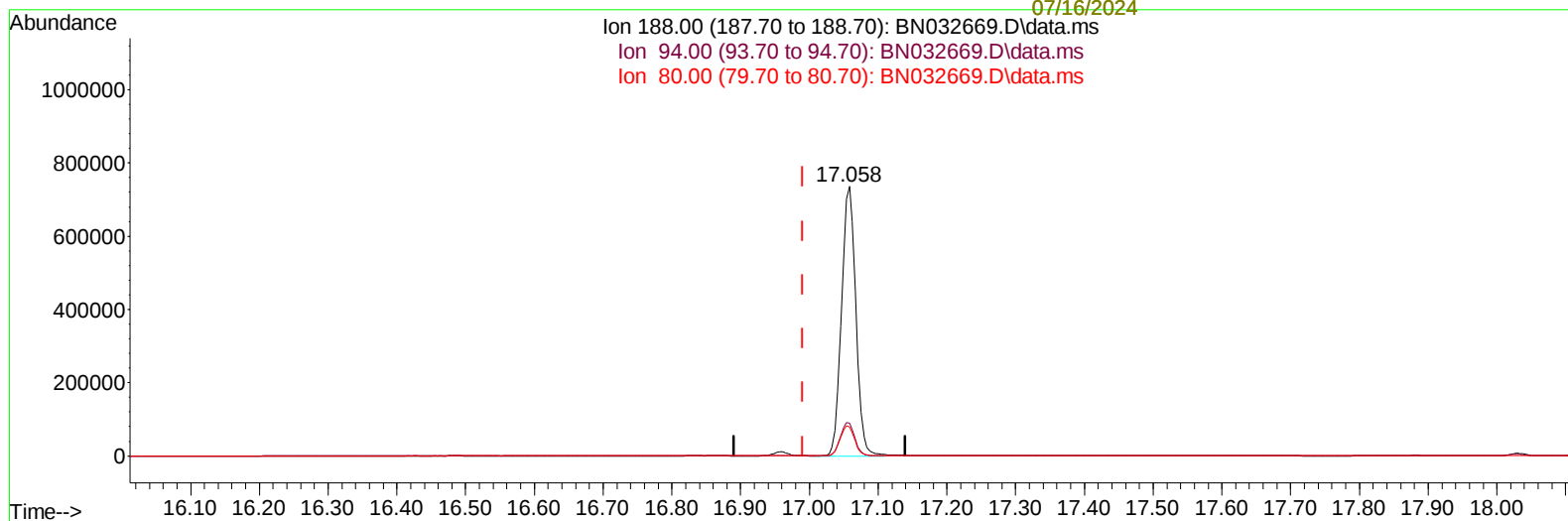
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel
07/13/2024

Supervised By :mohammad
ahmed
07/16/2024



TIC: BN032669.D\data.ms

(13) Phenanthrene-d10 (I)

17.058min (+ 0.068) 0.40 ng/u1

response 1065963

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.08
80.00	12.00	10.75
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Yogesh

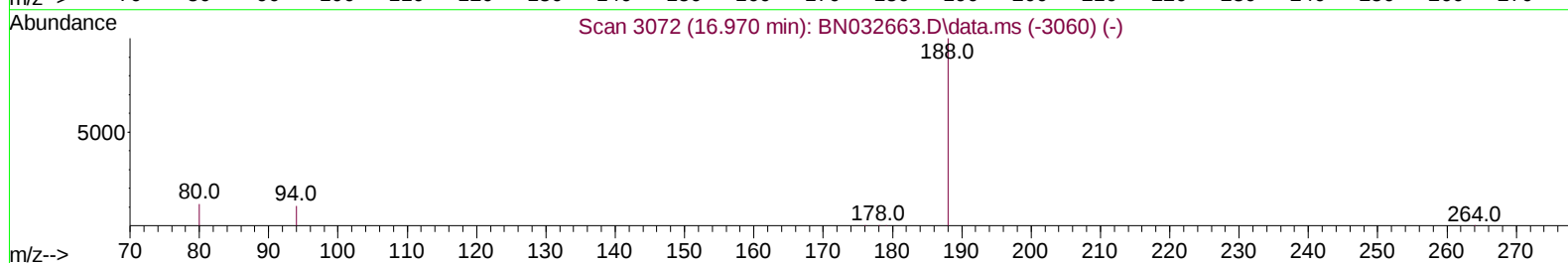
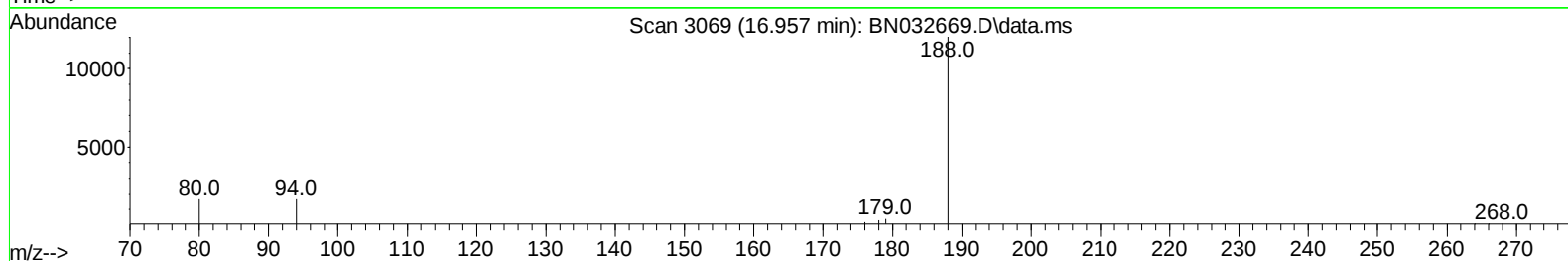
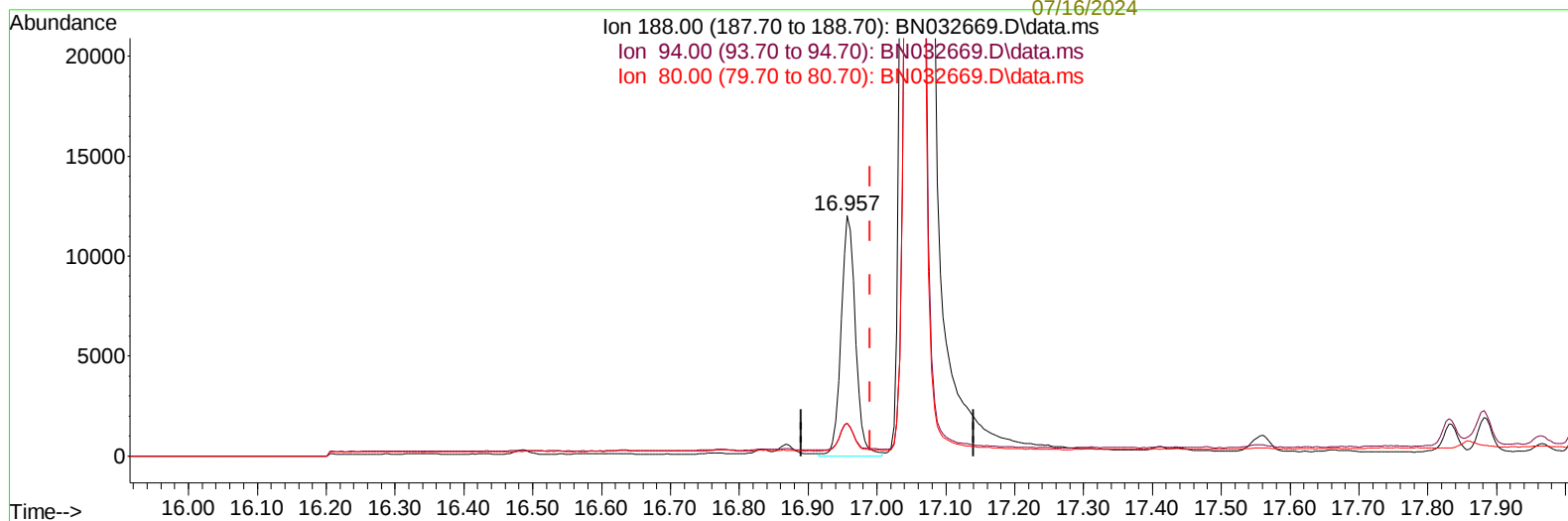
Patel

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TIC: BN032669.D\data.ms

(13) Phenanthrene-d10 (I)

16.957min (-0.034) 0.40 ng/ul m

response 17334

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.61#
80.00	12.00	13.58
0.00	0.00	0.00

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Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

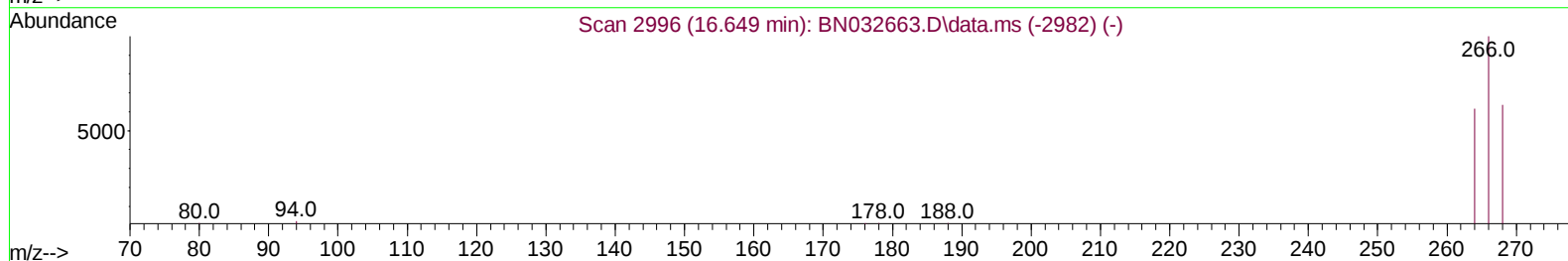
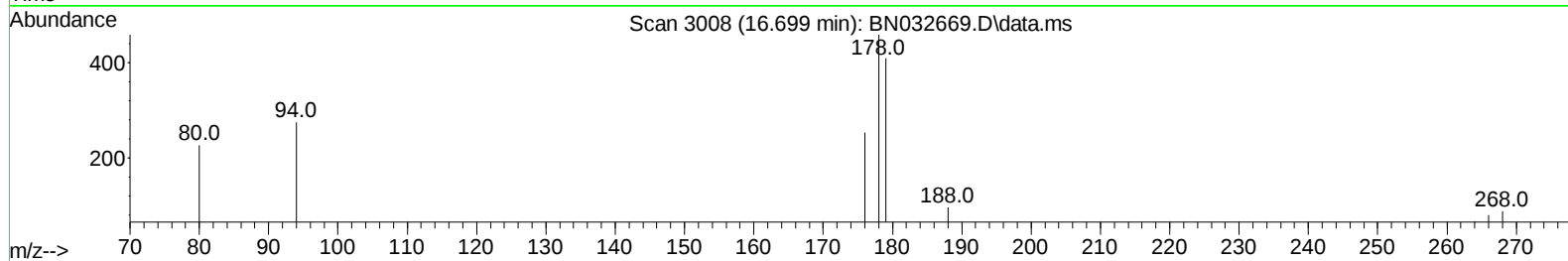
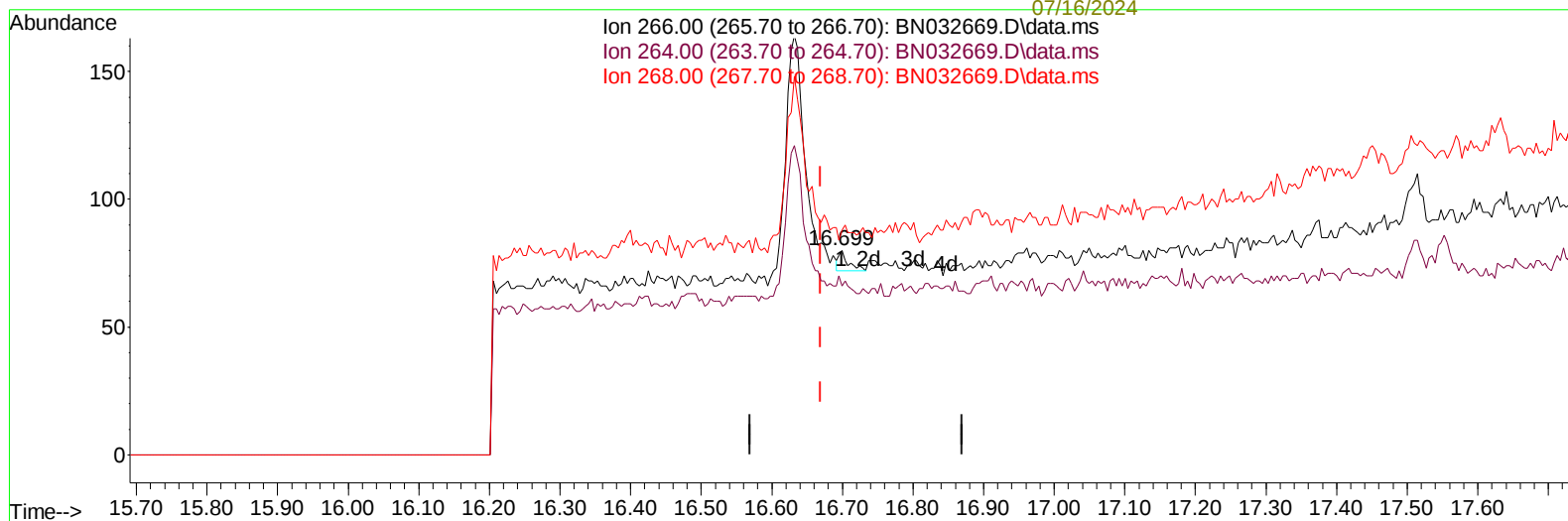
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

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TIC: BN032669.D\data.ms

(14) Pentachloropheno1

16.699min (+ 0.030) 0.00 ng/u1

response 7

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	71.43
268.00	64.50	71.43
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
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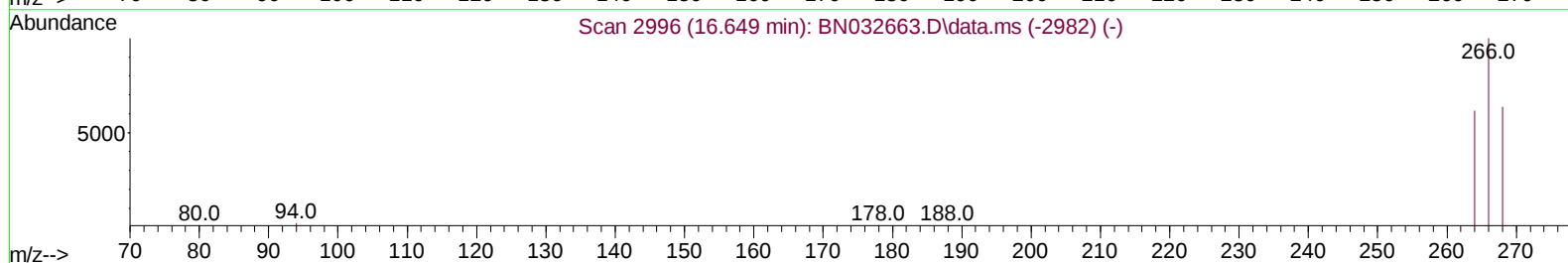
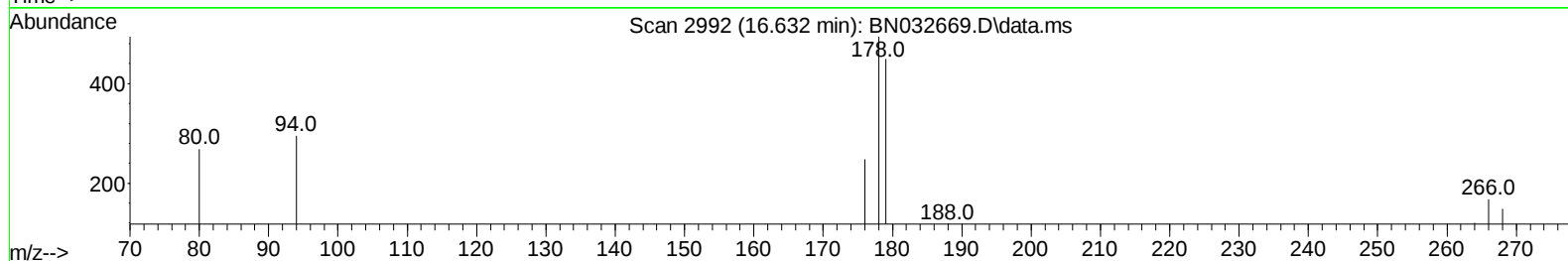
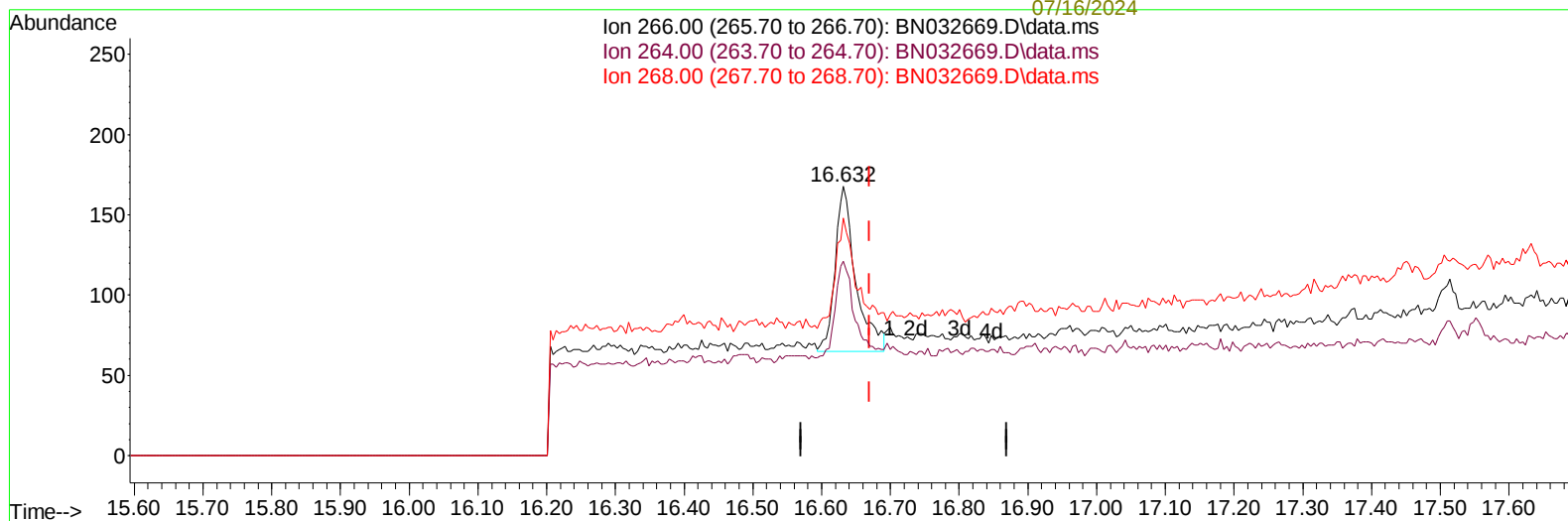
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Ion 266.00 (265.70 to 266.70): BN032669.D\data.ms
Ion 264.00 (263.70 to 264.70): BN032669.D\data.ms
Ion 268.00 (267.70 to 268.70): BN032669.D\data.ms



TIC: BN032669.D\data.ms

(14) Pentachloropheno1

16.632min (-0.038) 0.07 ng/ul m

response 214

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	61.80	2.34#
268.00	64.50	2.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

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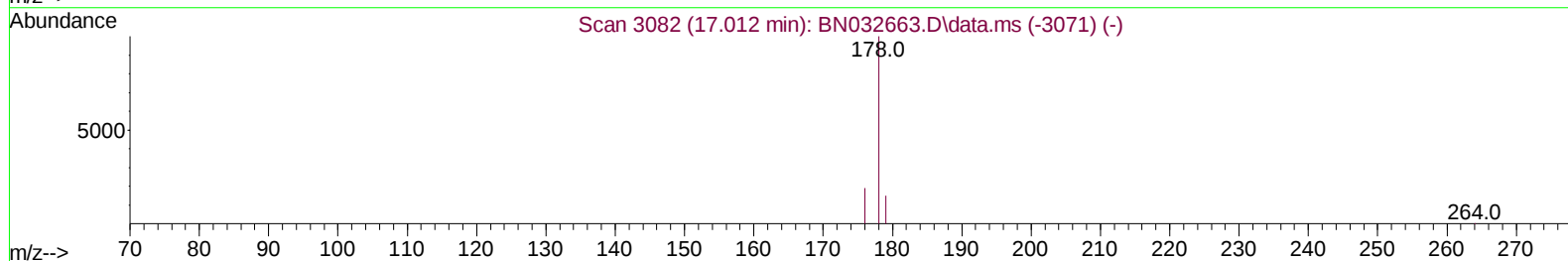
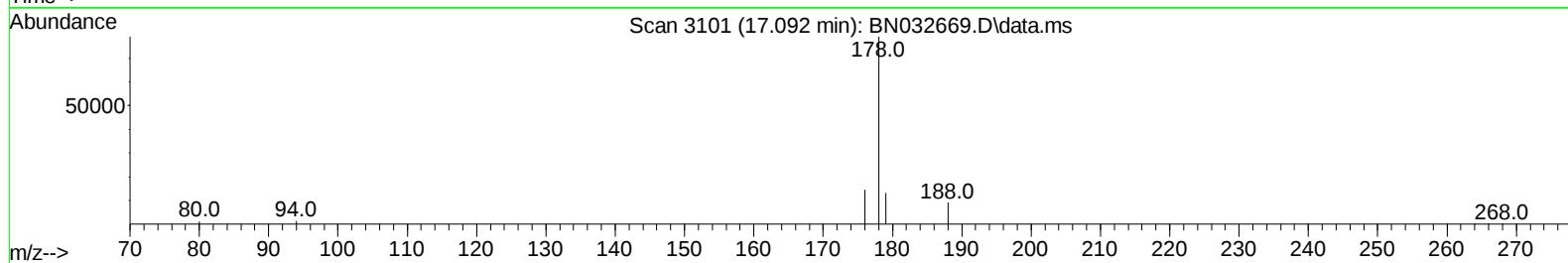
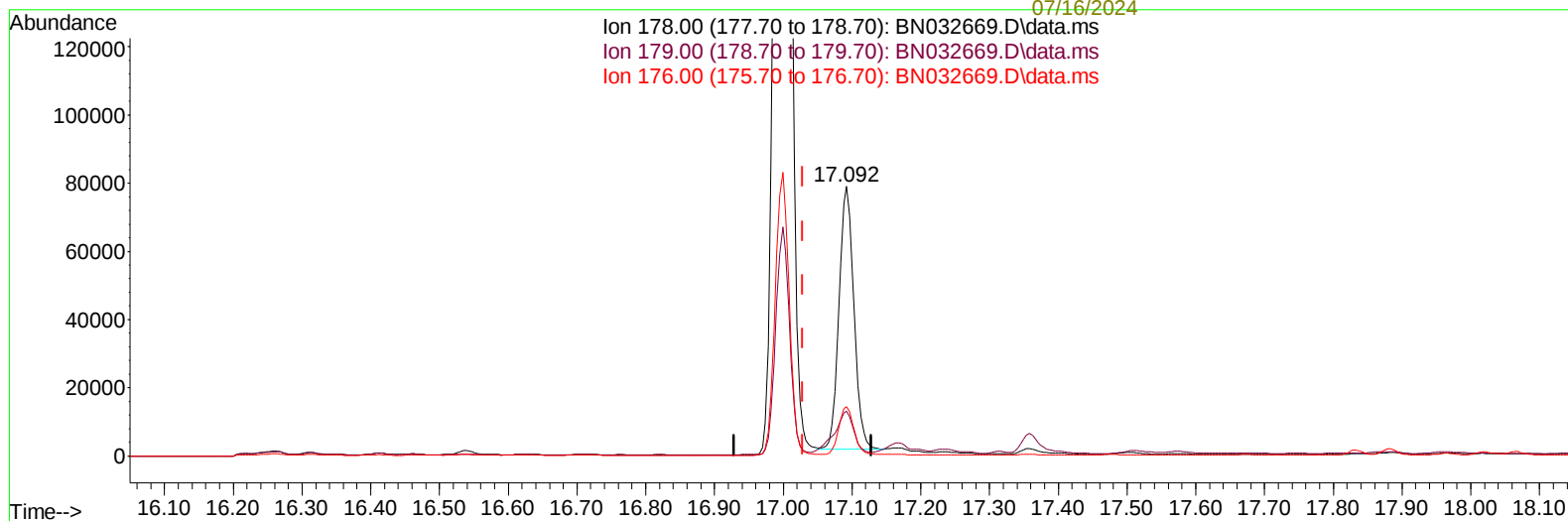
Patel

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TIC: BN032669.D\data.ms

(15) Phenanthrene

17.092min (+ 0.063) 2.45 ng/u1

response 115564

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	16.57
176.00	19.50	18.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

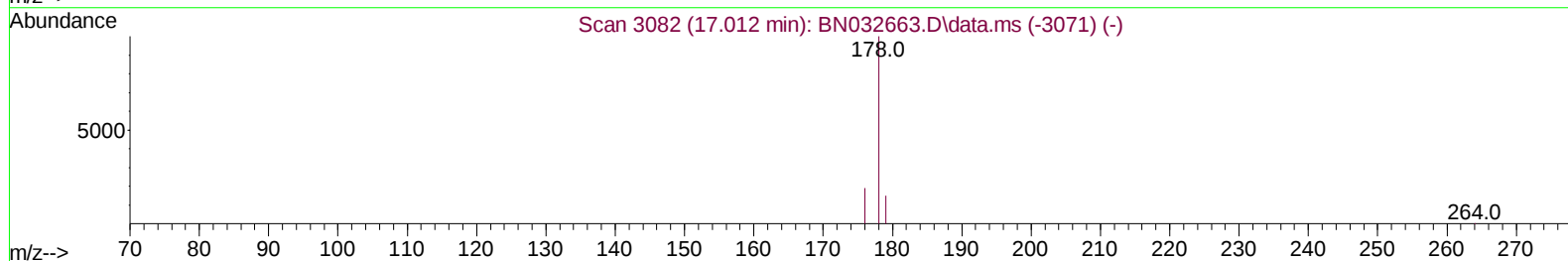
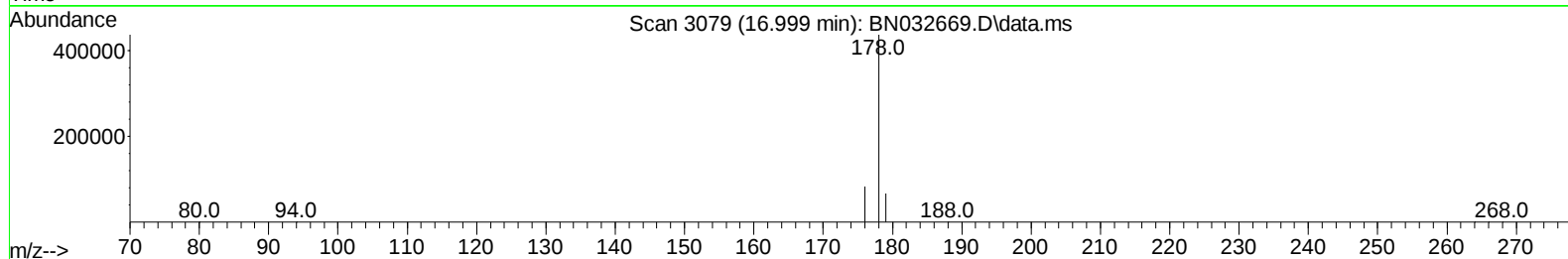
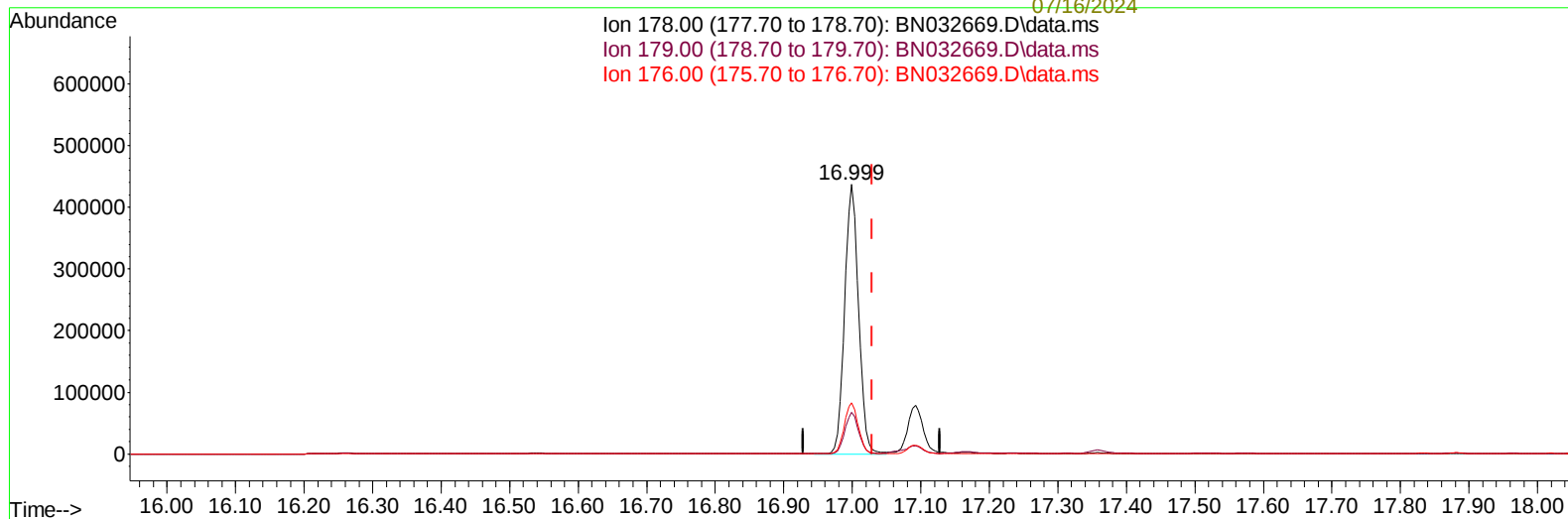
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh
Patel
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Supervised By :mohammad
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TIC: BN032669.D\data.ms

(15) Phenanthrene

16.999min (-0.030) 13.09 ng/ul m

response 618087

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.37
176.00	19.50	19.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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Reviewed By :Yogesh

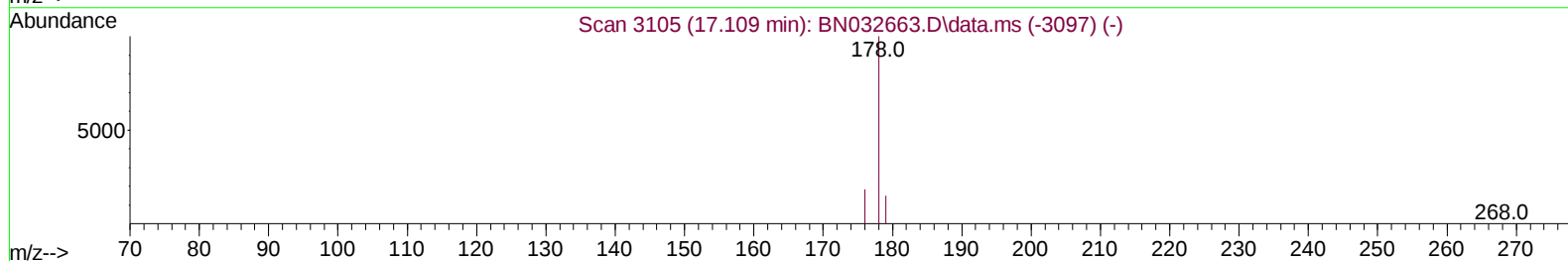
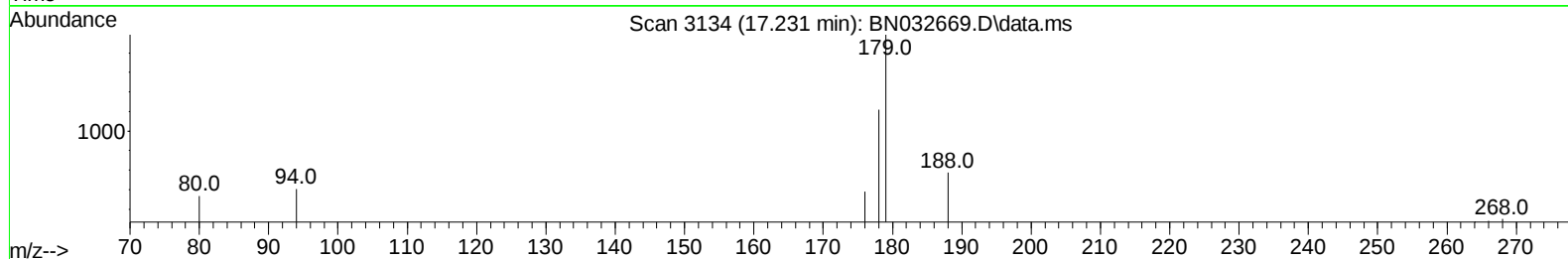
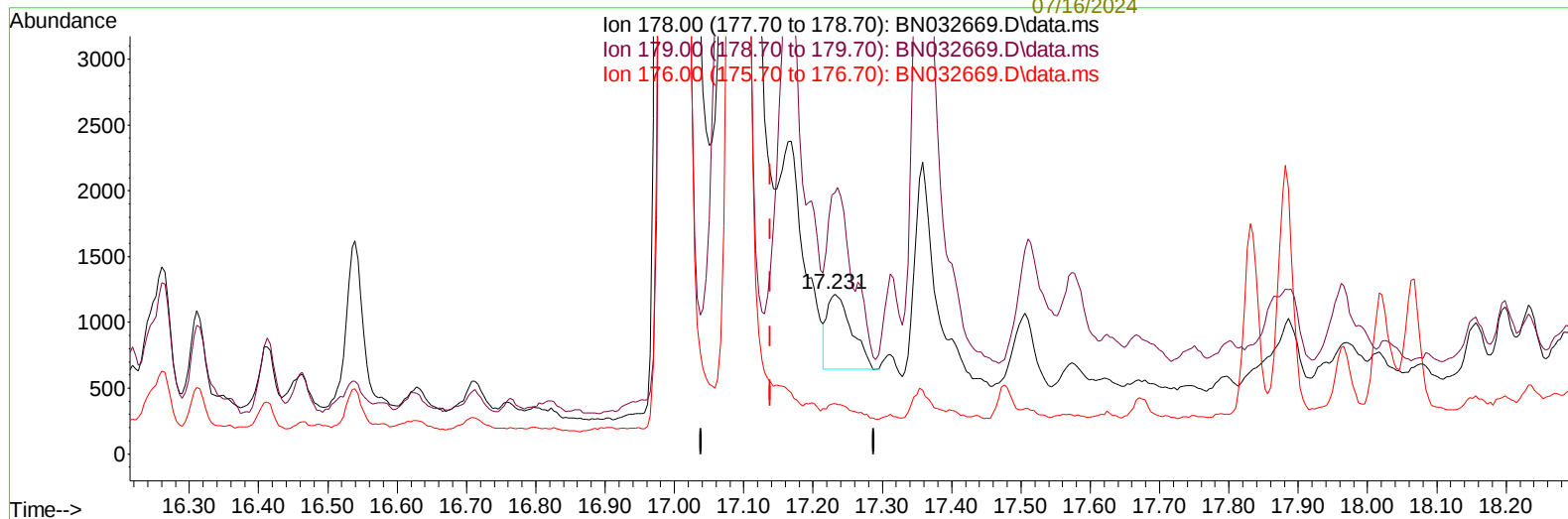
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TIC: BN032669.D\data.ms

(16) Anthracene

17.231min (+ 0.093) 0.04 ng/u1

response 1388

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	163.32#
176.00	19.20	31.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

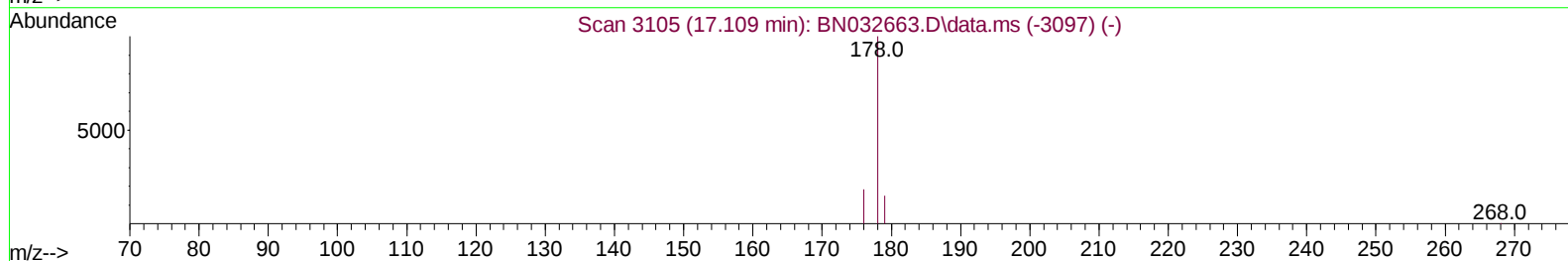
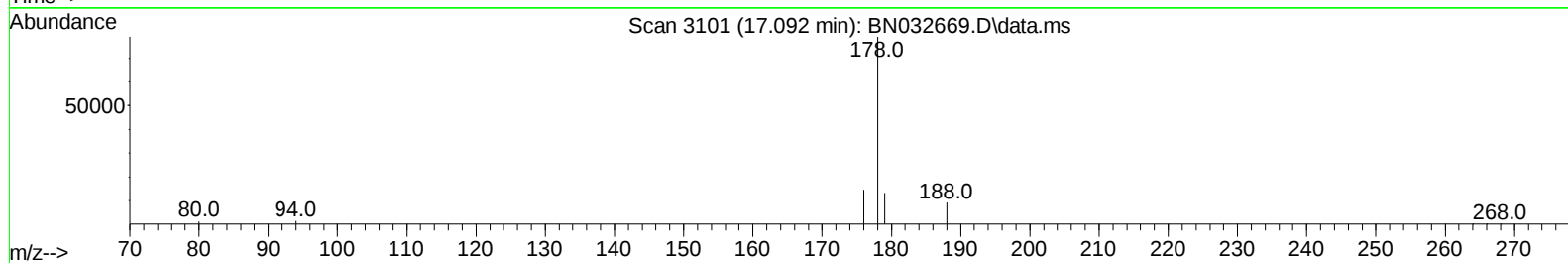
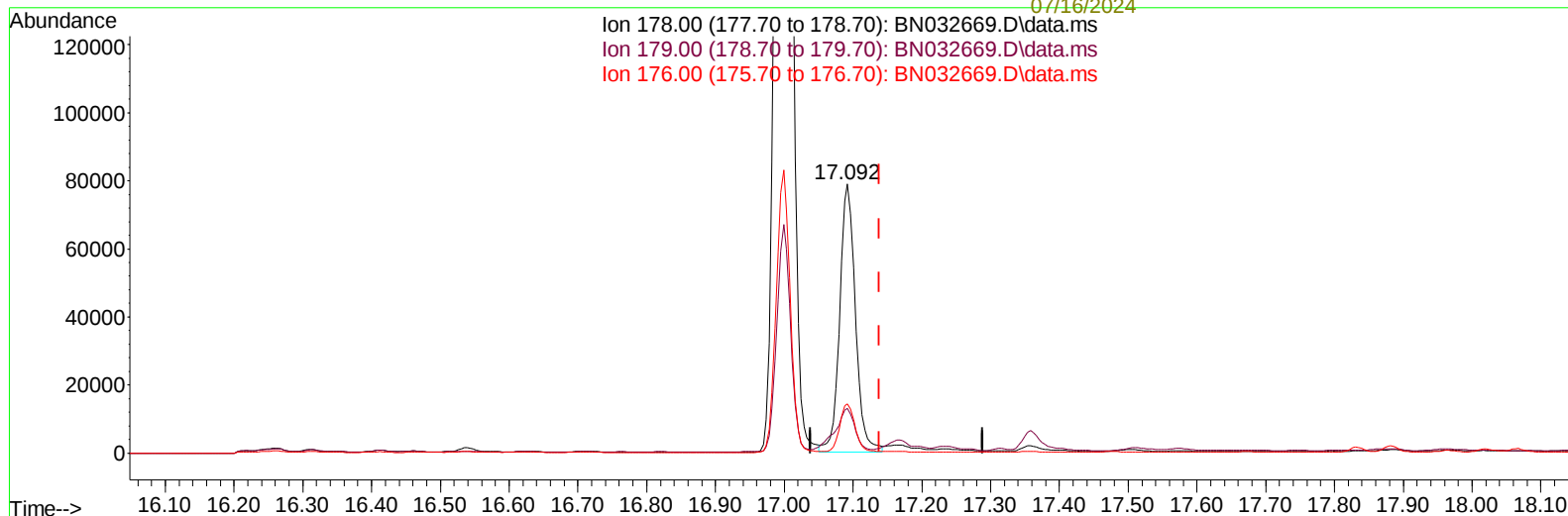
Patel

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TIC: BN032669.D\data.ms

(16) Anthracene

17.092min (-0.046) 3.25 ng/ul m

response 125340

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	16.57
176.00	19.20	18.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

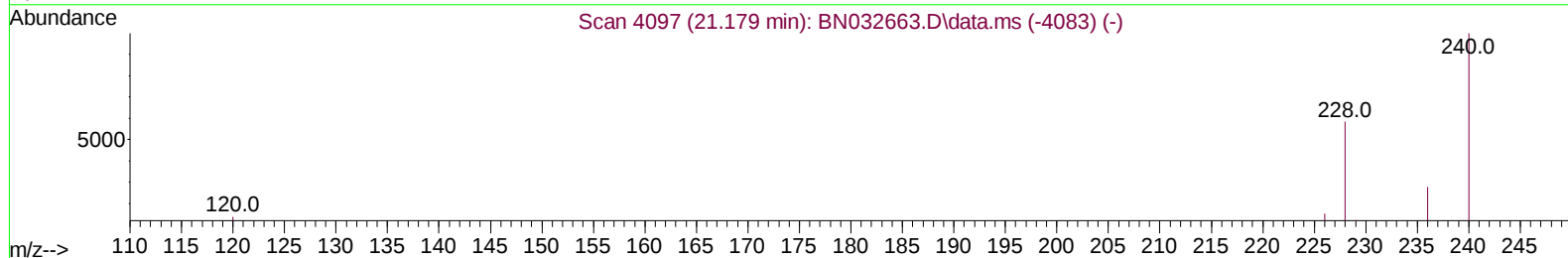
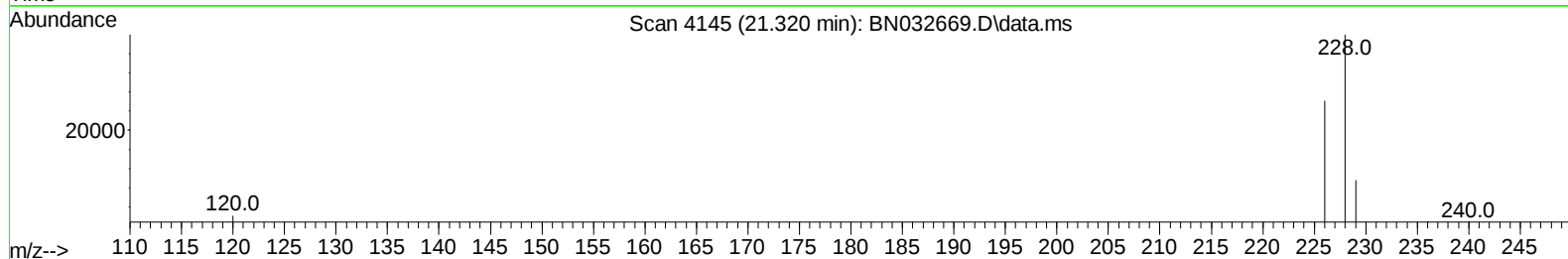
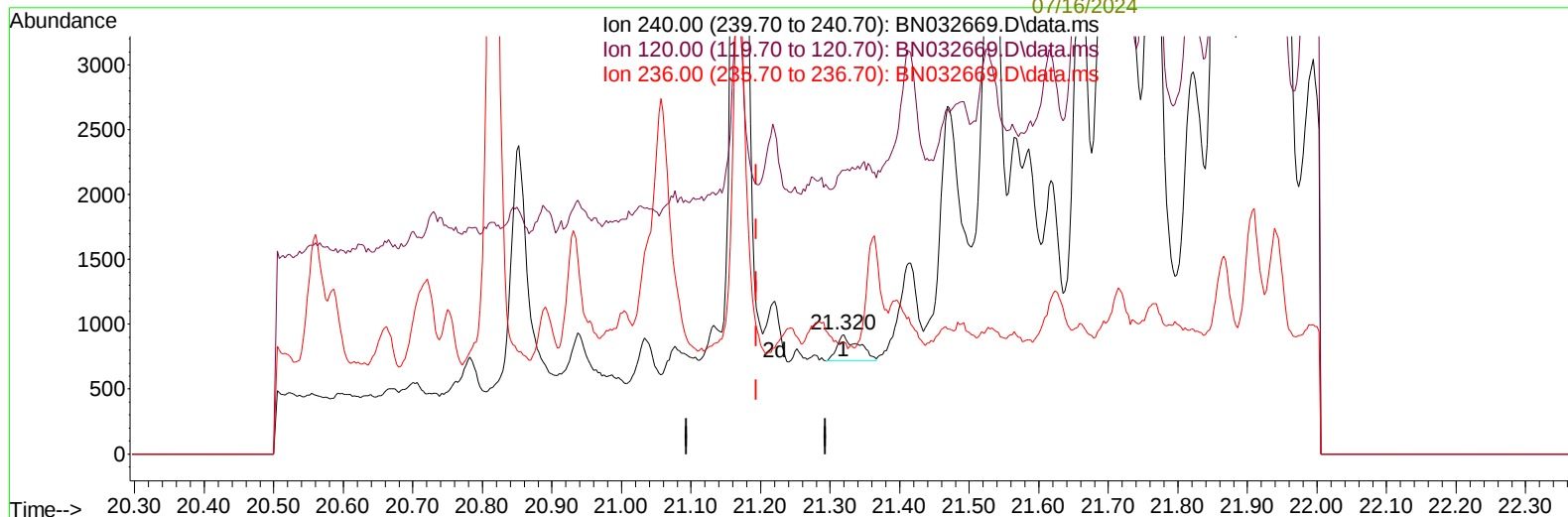
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TIC: BN032669.D\data.ms

(17) Chrysene-d12

21.320min (+ 0.126) 0.40 ng/u1

response 430

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	238.08#
236.00	28.40	93.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

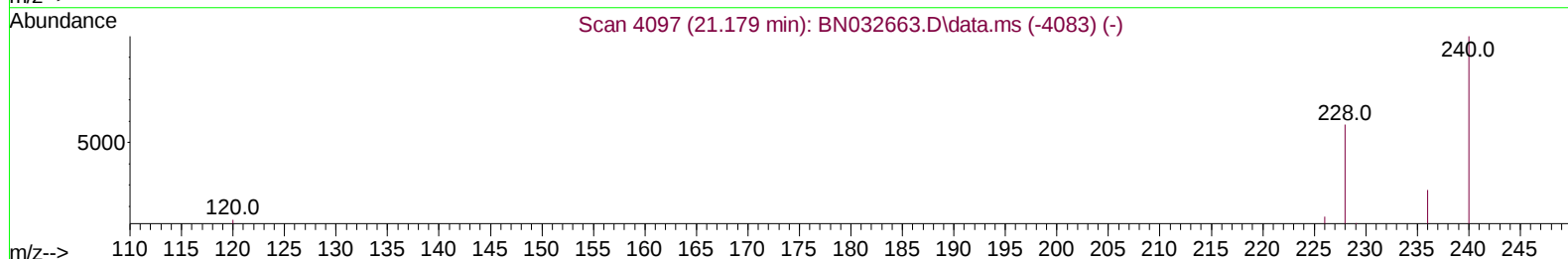
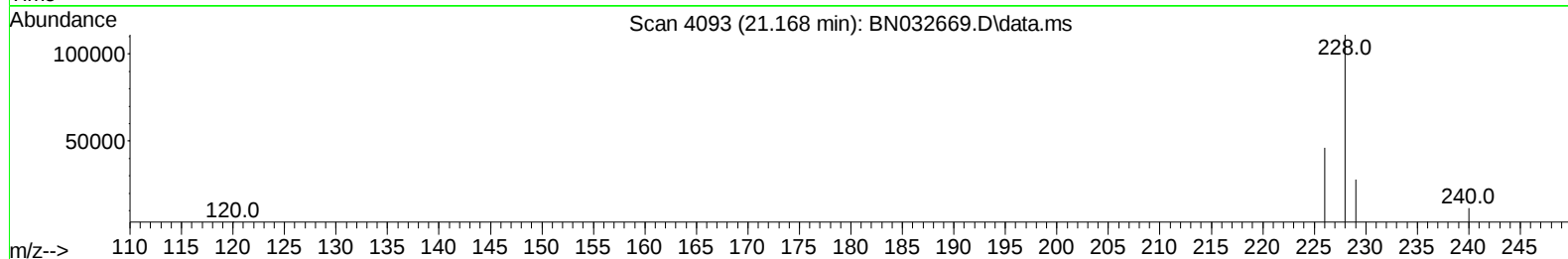
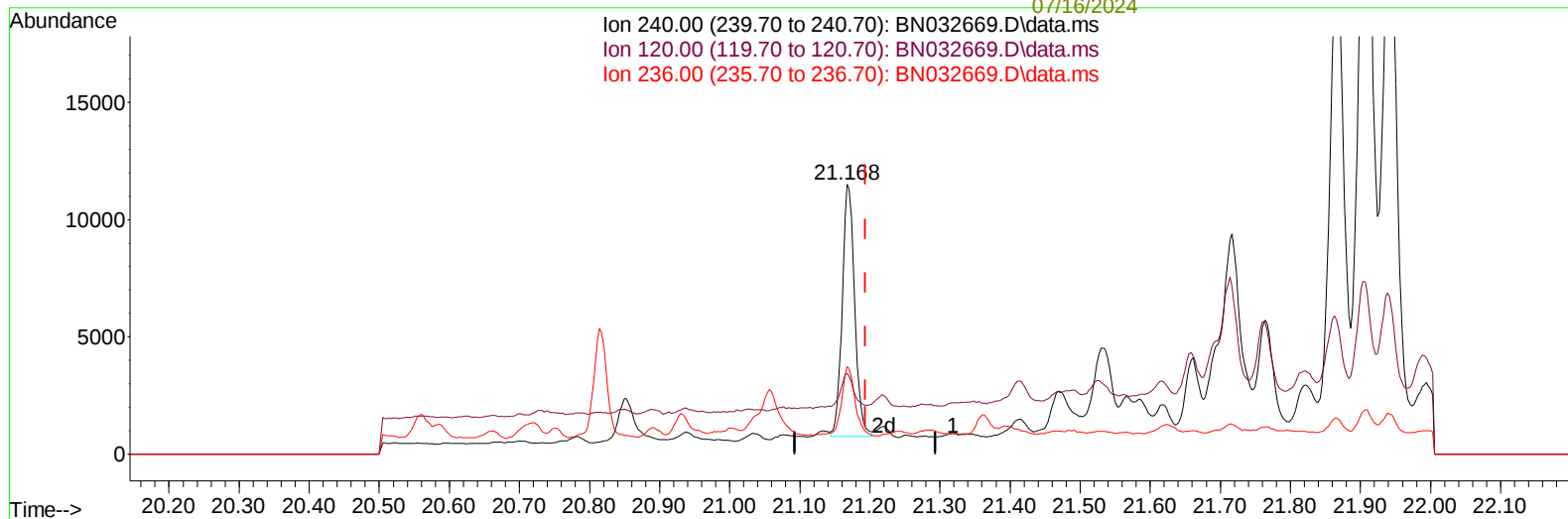
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TIC: BN032669.D\data.ms

(17) Chrysene-d12

21.168min (-0.026) 0.40 ng/u1 m

response 13279

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	29.92#
236.00	28.40	32.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

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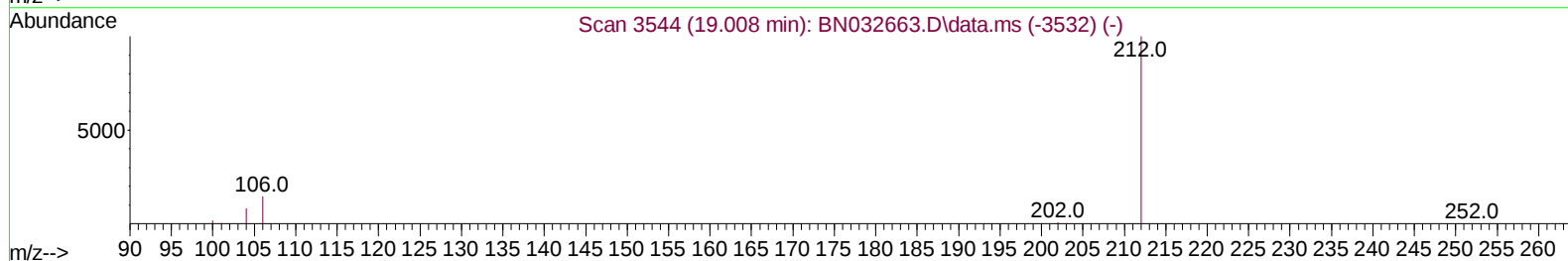
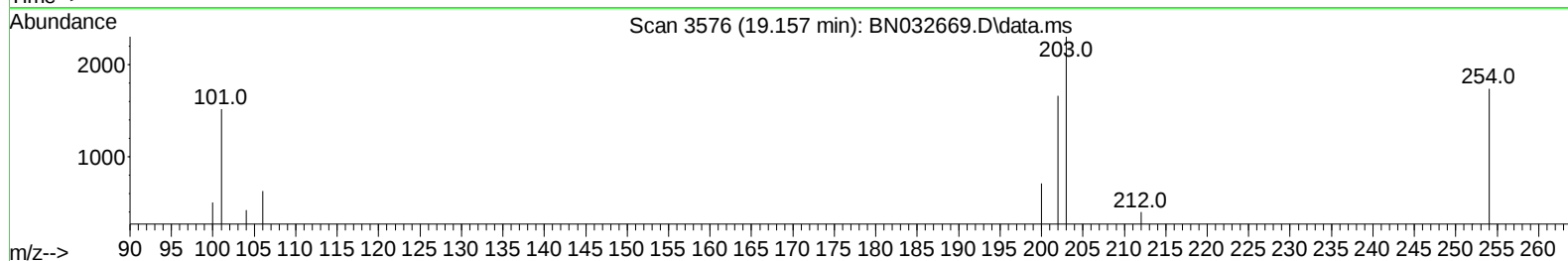
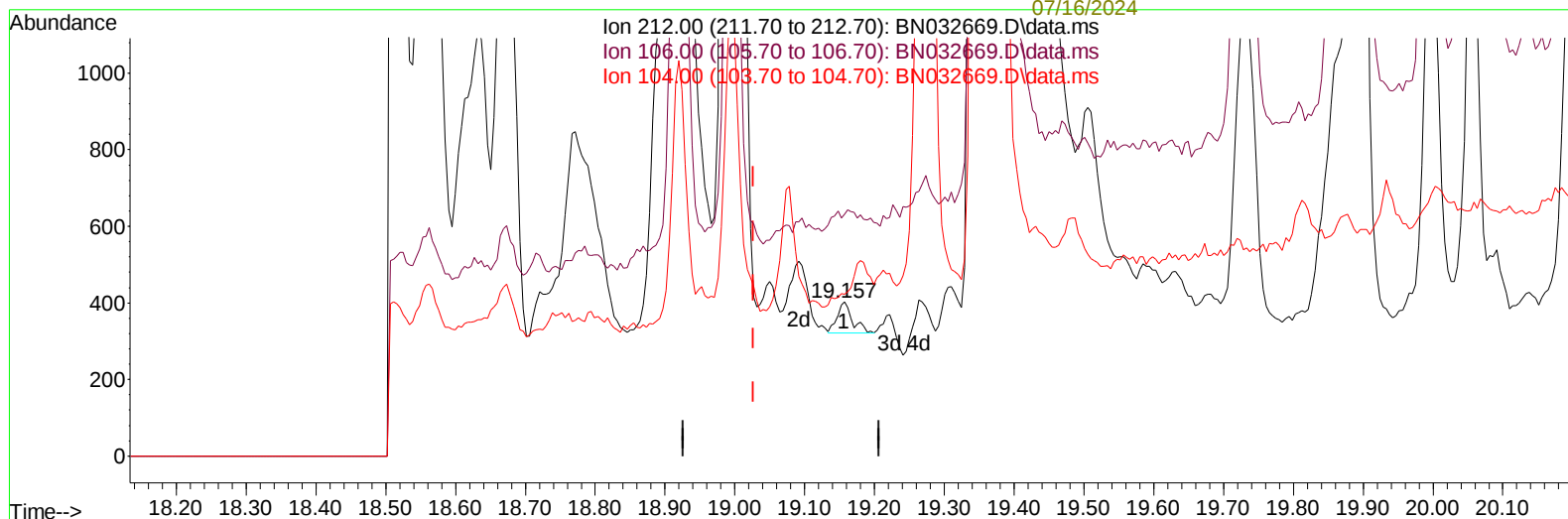
Patel

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TIC: BN032669.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.157min (+ 0.130) 0.00 ng/u1

response 124

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	51.61#
104.00	9.00	0.00#
0.00	0.00	0.00

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

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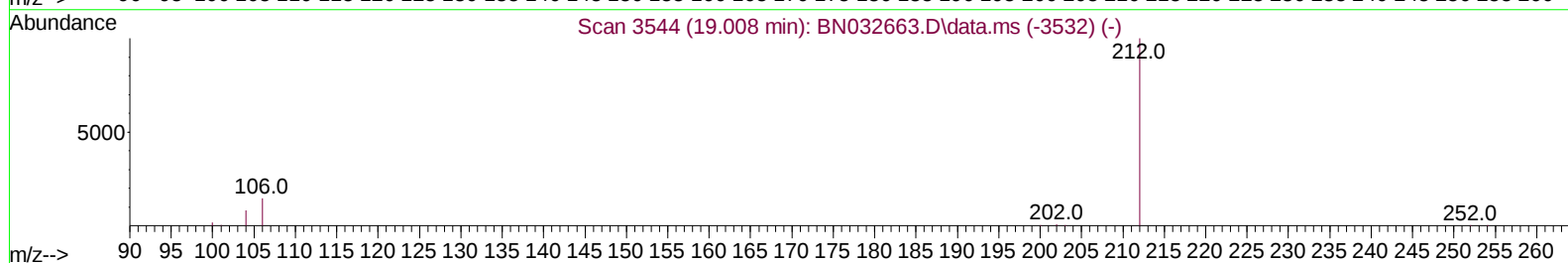
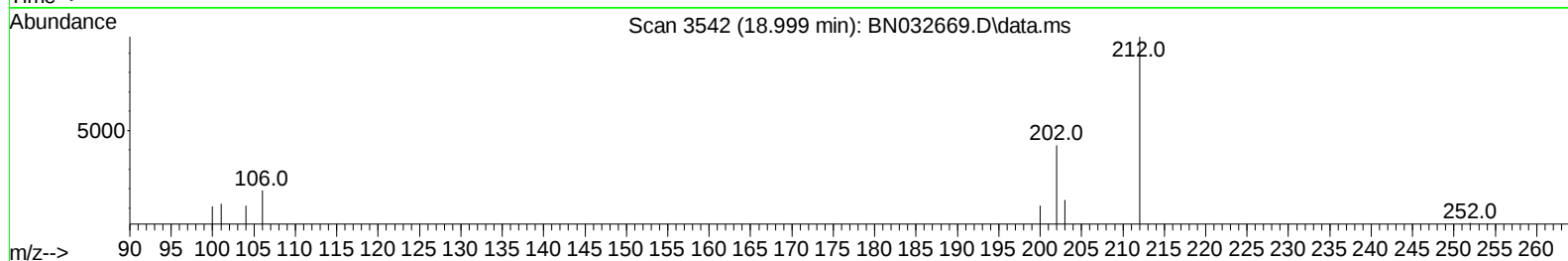
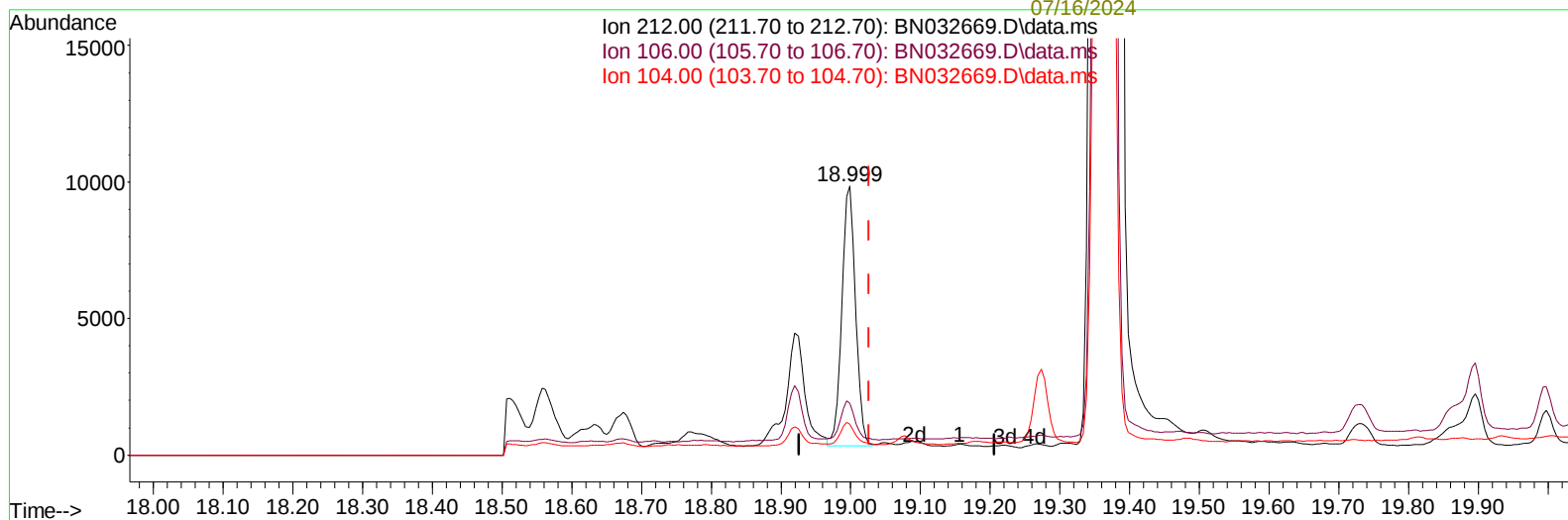
Patel

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TIC: BN032669.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.999min (-0.028) 0.30 ng/u1 m

response 13000

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.10	0.49#
104.00	9.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

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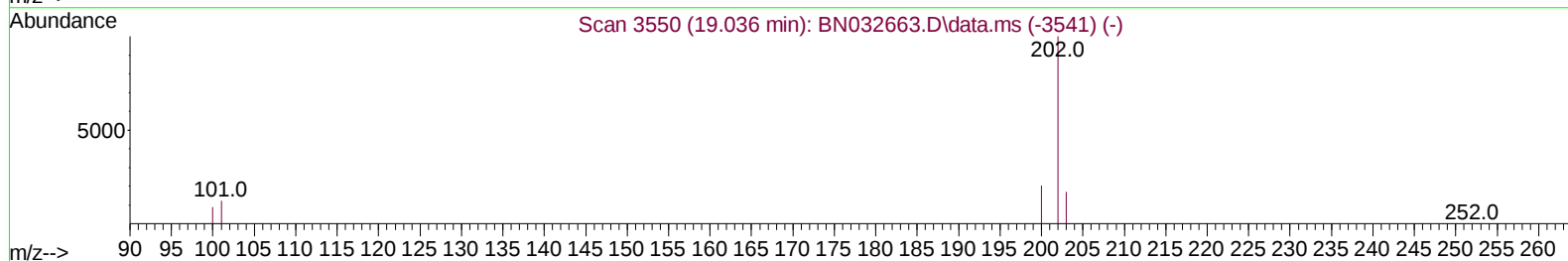
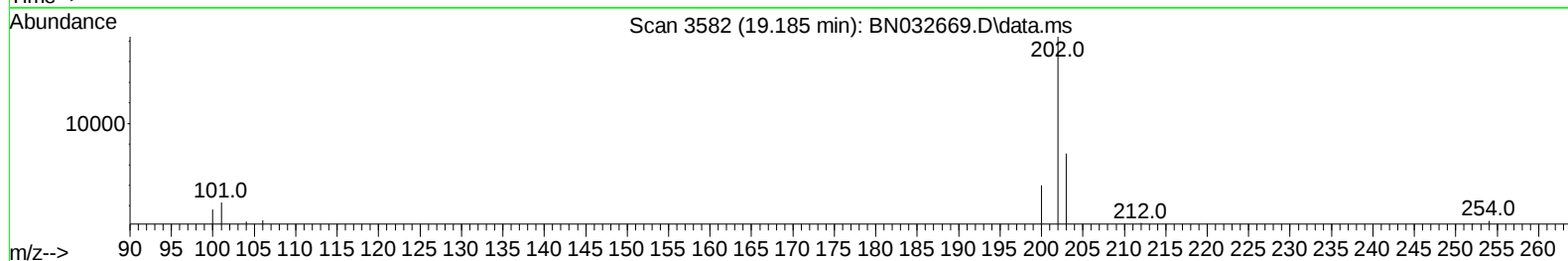
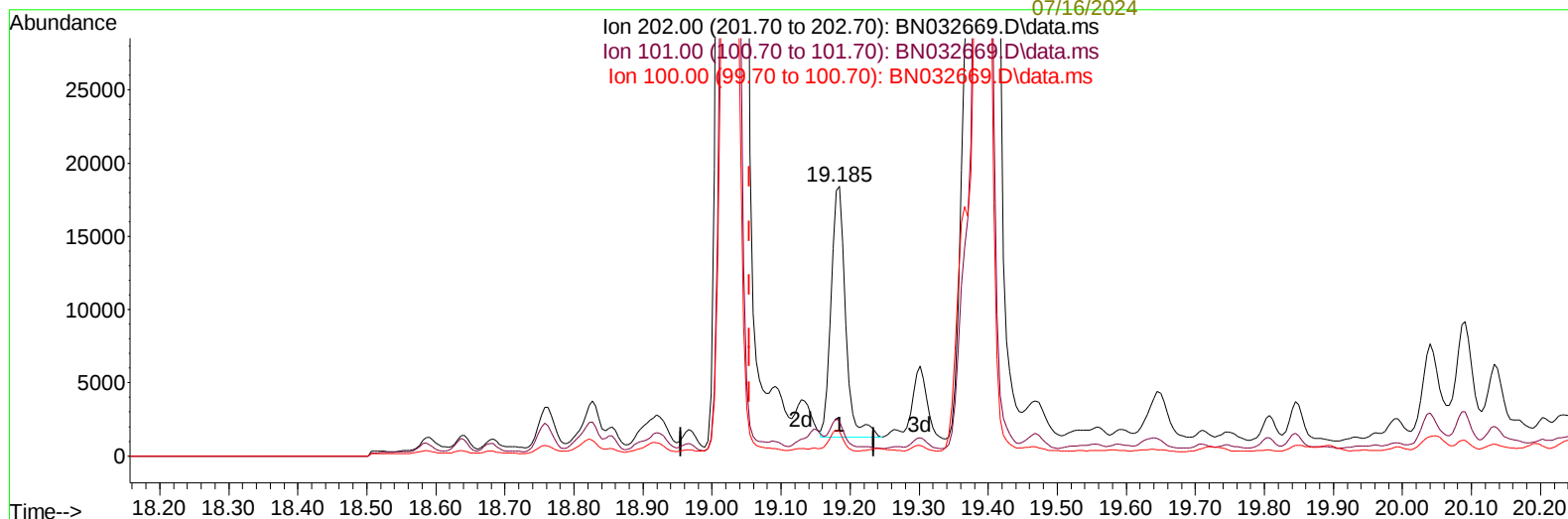
Patel

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07/16/2024



TIC: BN032669.D\data.ms

(19) Fluoranthene (C)

19.185min (+ 0.130) 0.46 ng/u1

response 25044

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.78
100.00	9.90	9.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032669.D
 Acq On : 12 Jul 2024 12:34
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

Reviewed By :Yogesh

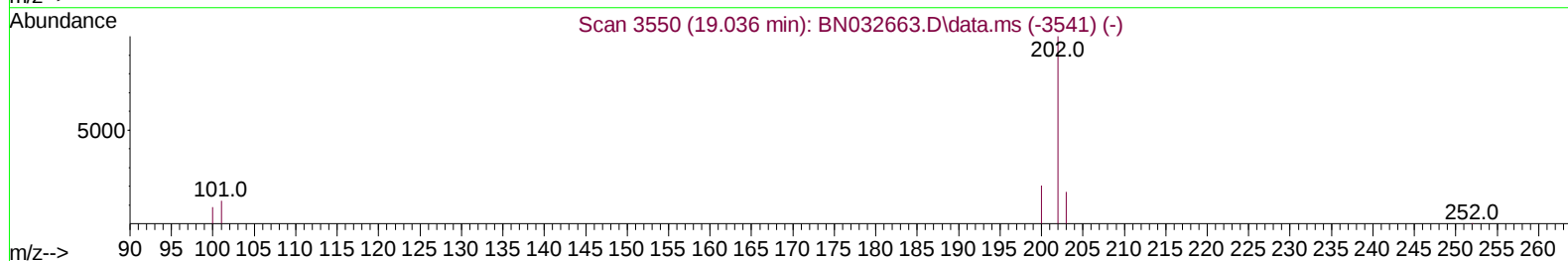
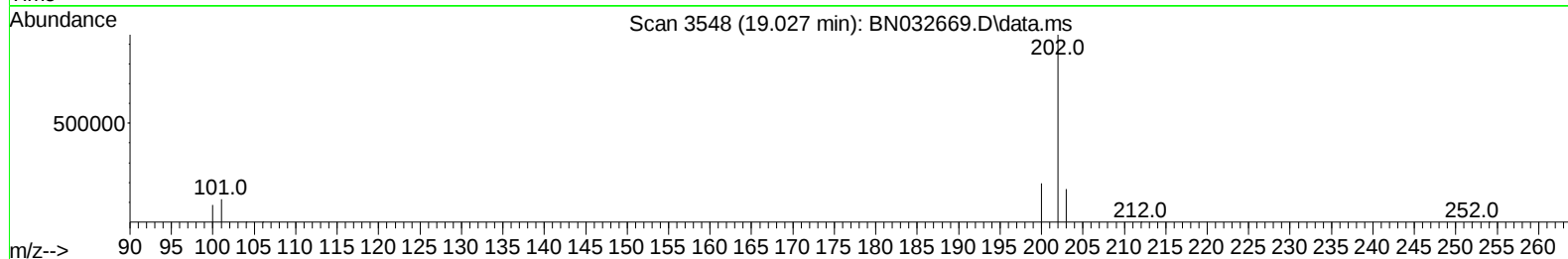
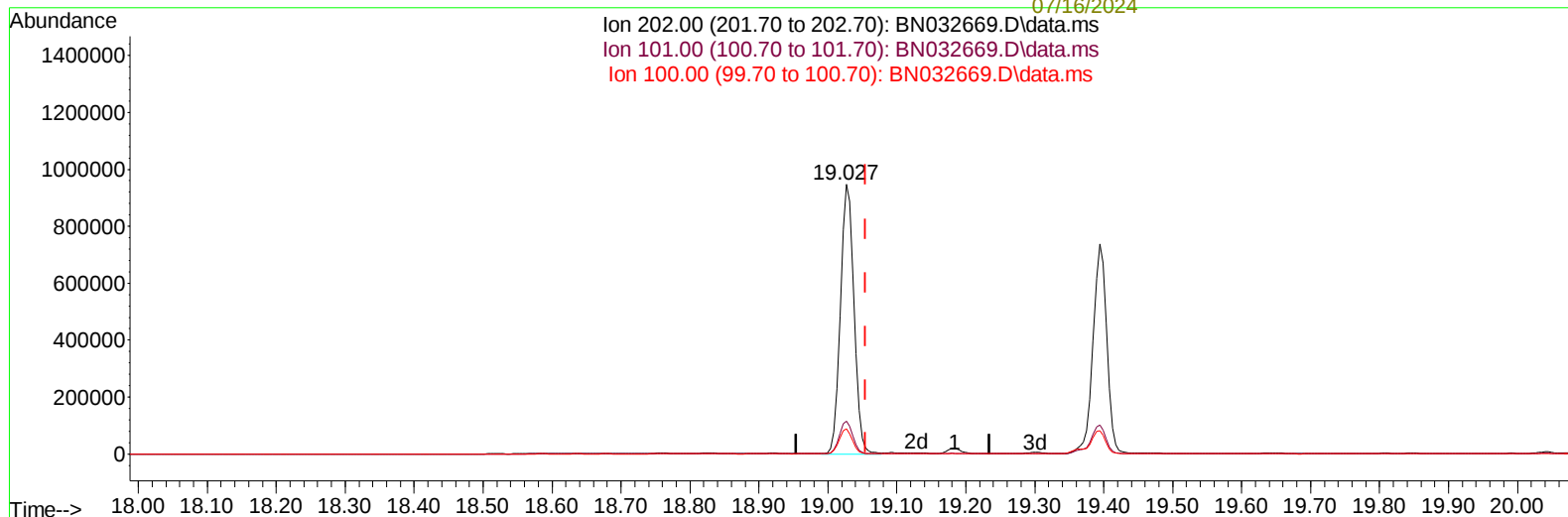
Patel

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TIC: BN032669.D\data.ms

(19) Fluoranthene (C)

19.027min (-0.028) 24.18 ng/ul m

response 1305404

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.30	12.17
100.00	9.90	9.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

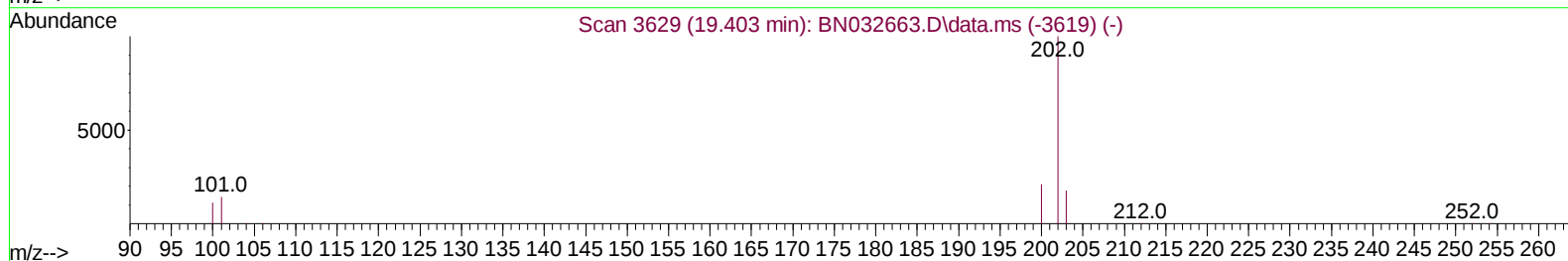
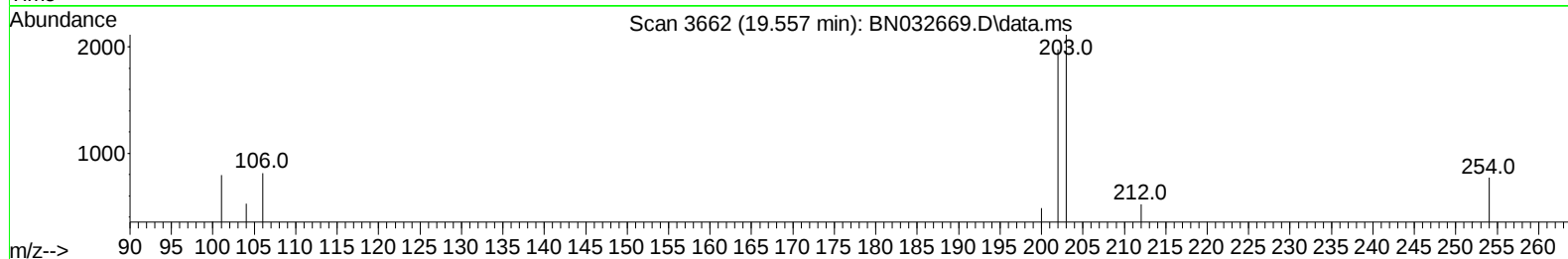
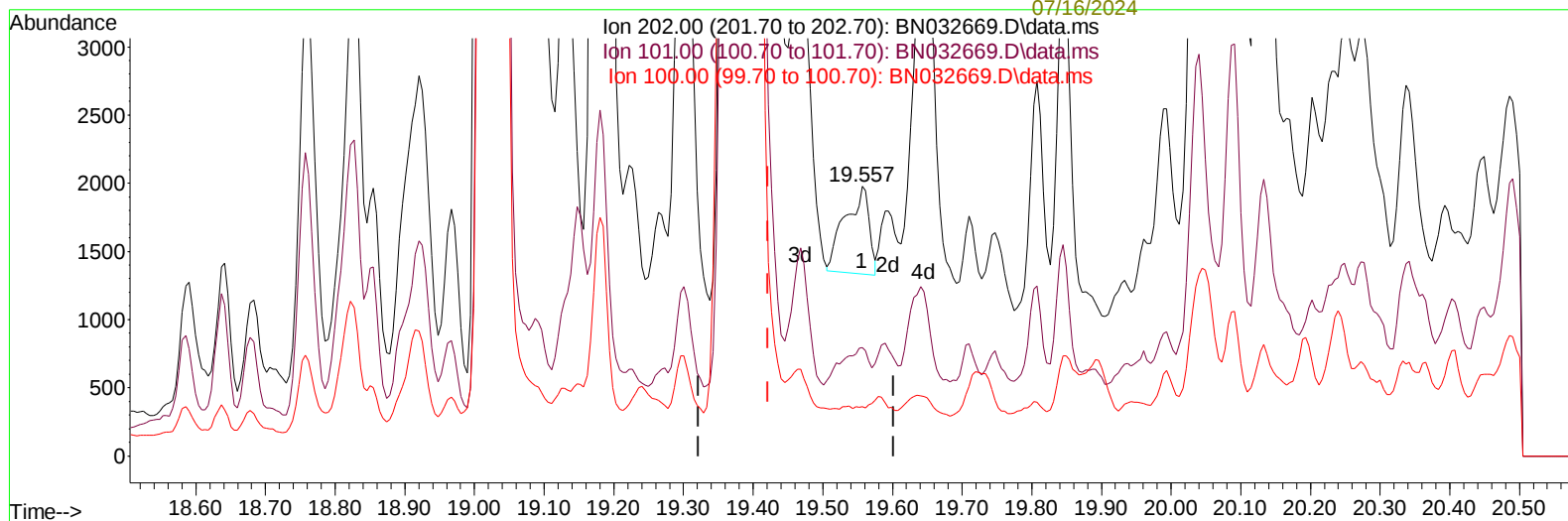
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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TIC: BN032669.D\data.ms

(20) Pyrene

19.557min (+ 0.135) 0.03 ng/u1

response 1528

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	40.13#
100.00	12.00	18.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

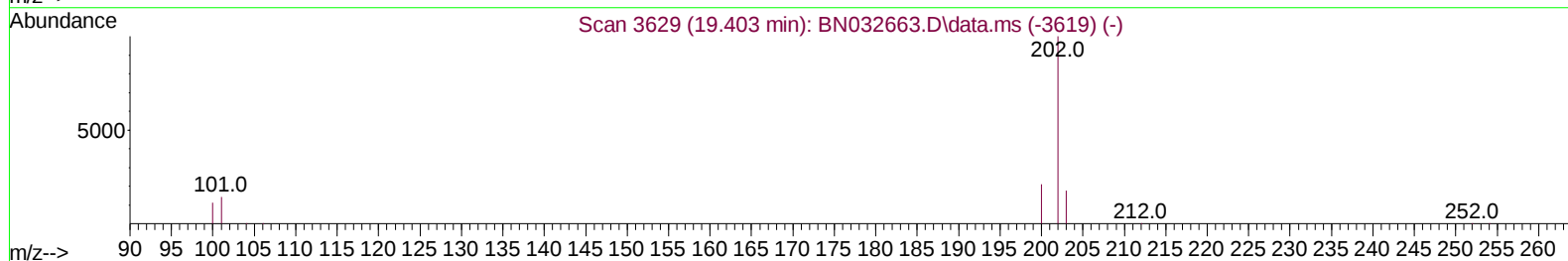
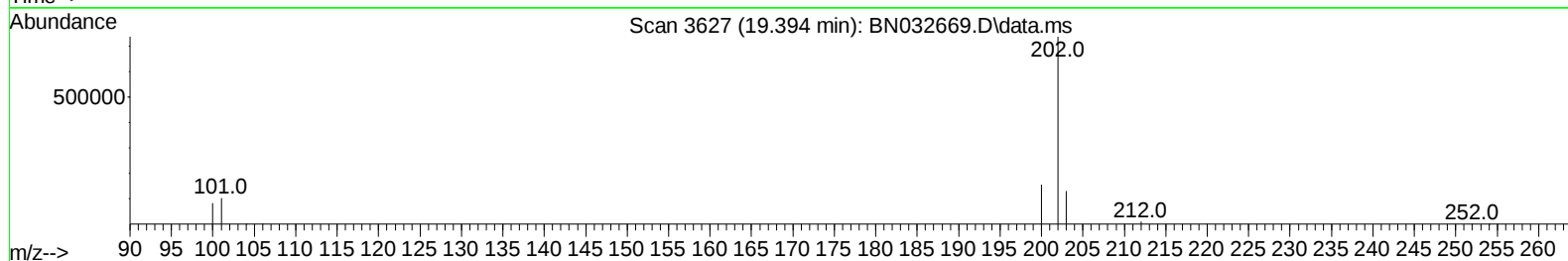
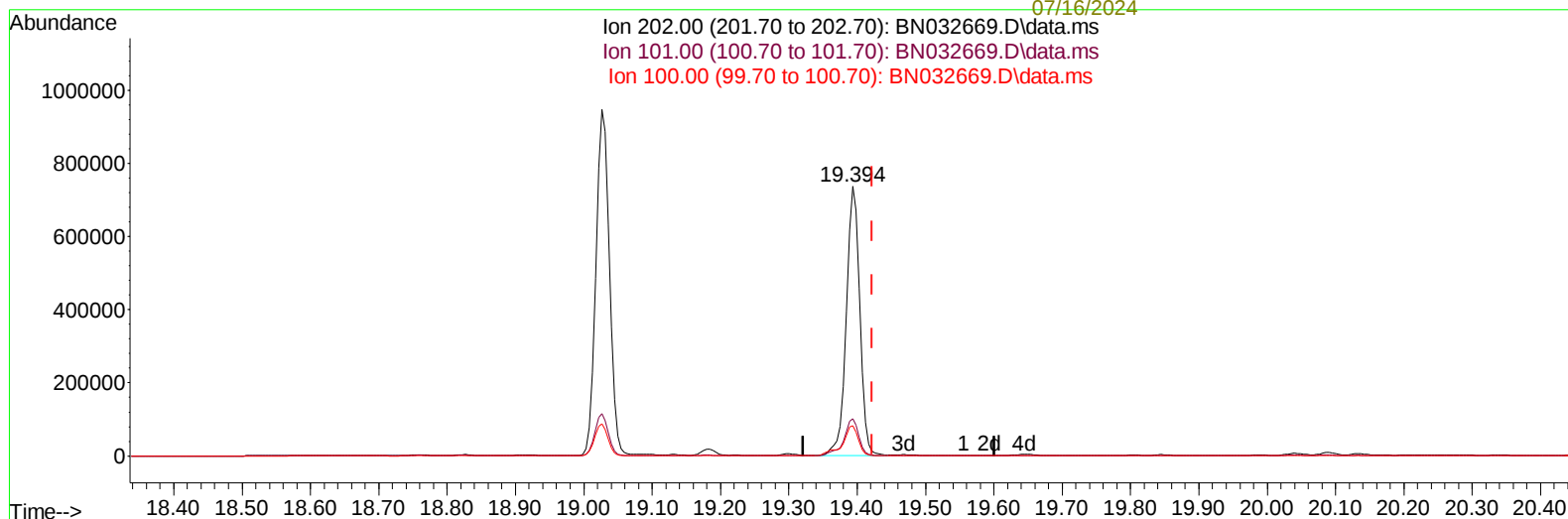
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TIC: BN032669.D\data.ms

(20) Pyrene

19.394min (-0.028) 18.16 ng/ul m

response 1015006

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	13.82
100.00	12.00	11.16
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

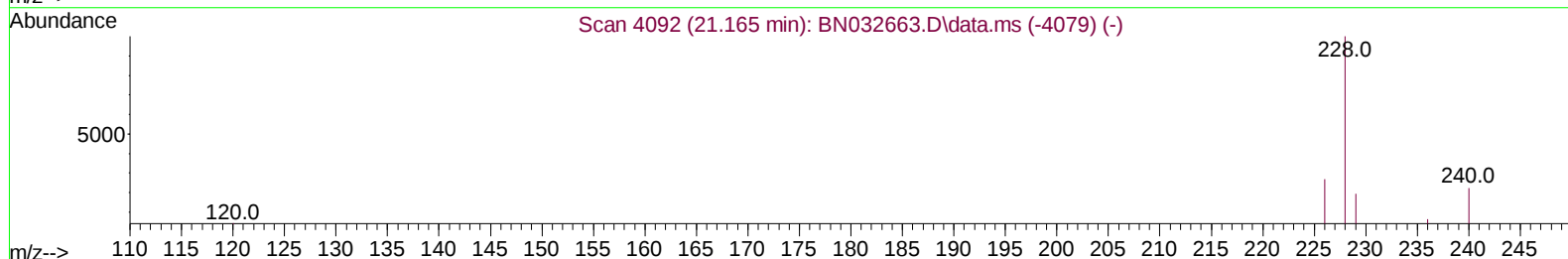
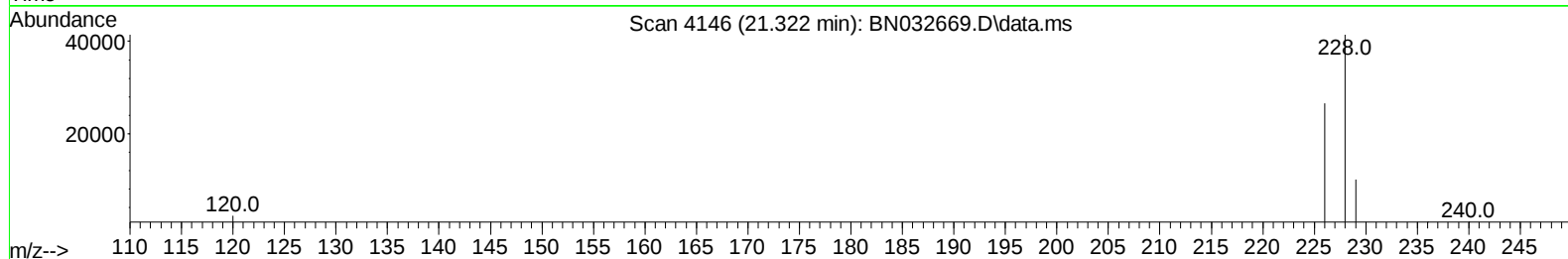
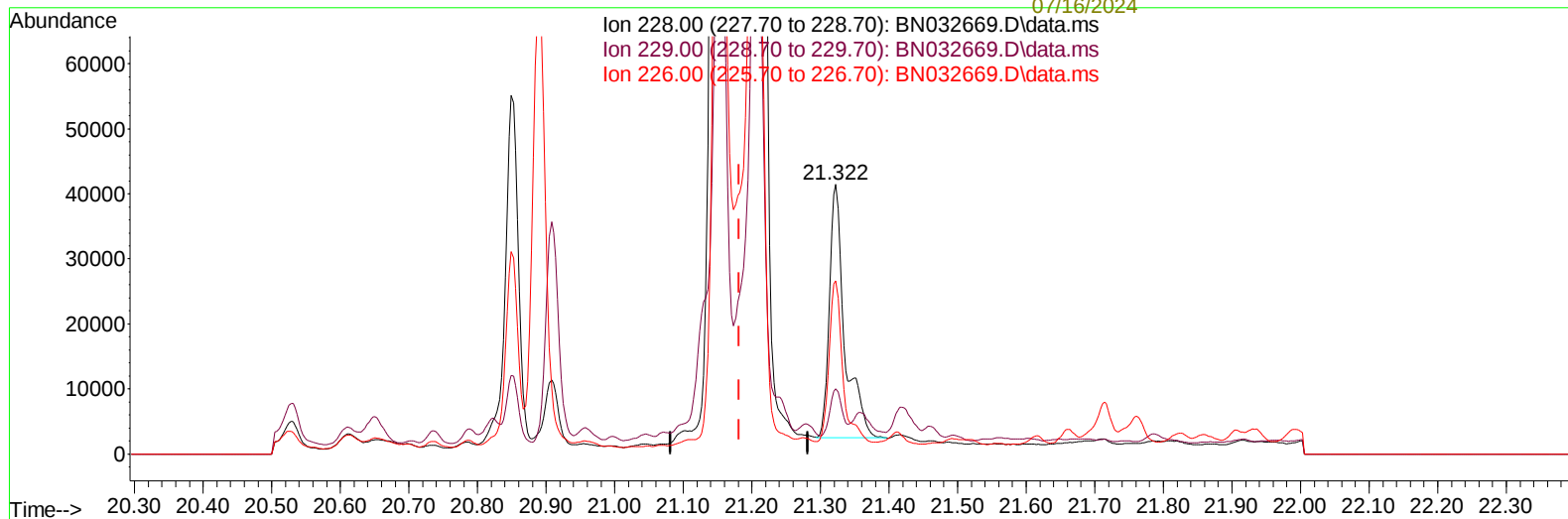
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TIC: BN032669.D\data.ms

(21) Benzo(a)anthracene

21.322min (+ 0.140) 1.42 ng/u1

response 60183

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	24.26#
226.00	27.40	64.27#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

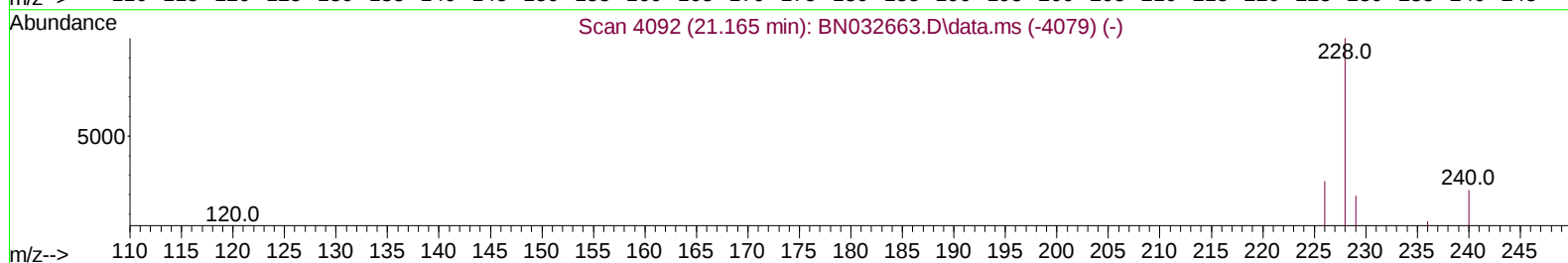
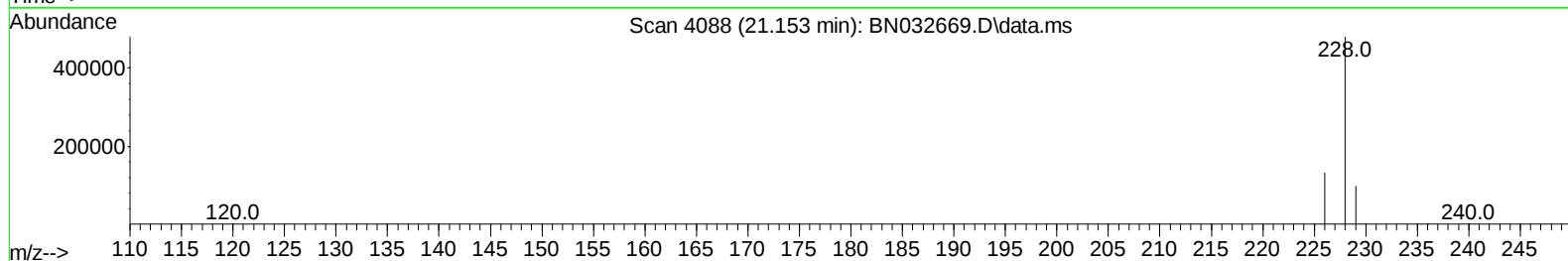
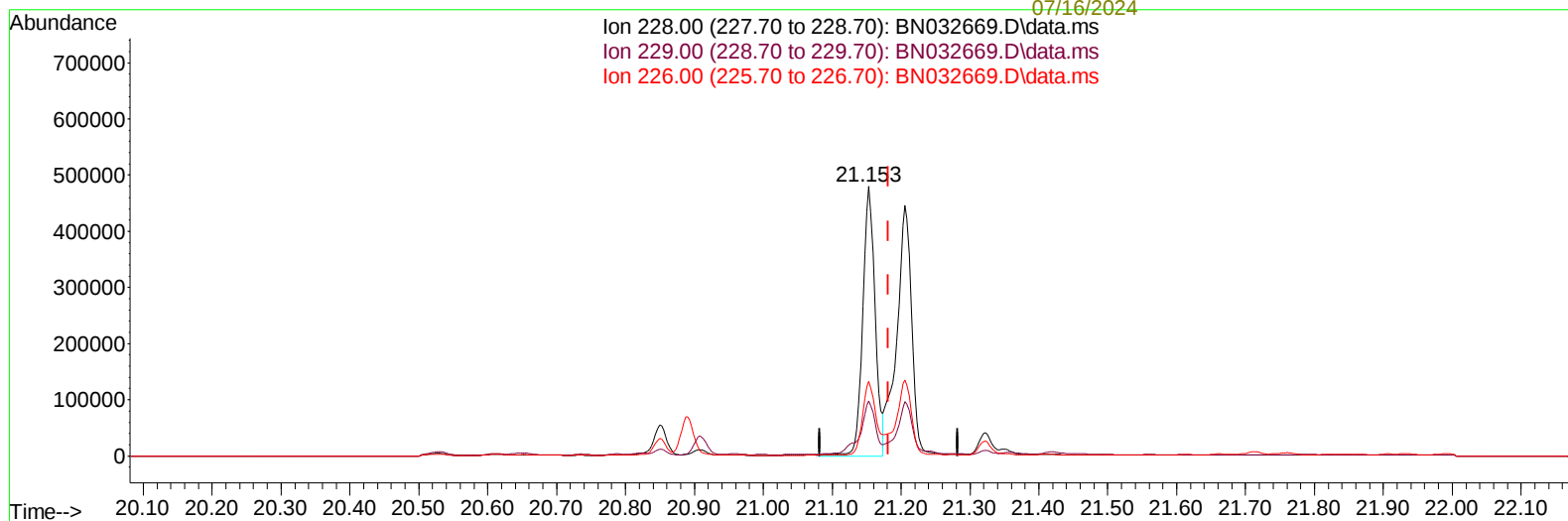
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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TIC: BN032669.D\data.ms

(21) Benzo(a)anthracene

21.153min (-0.029) 14.28 ng/ul m

response 603499

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	20.43
226.00	27.40	27.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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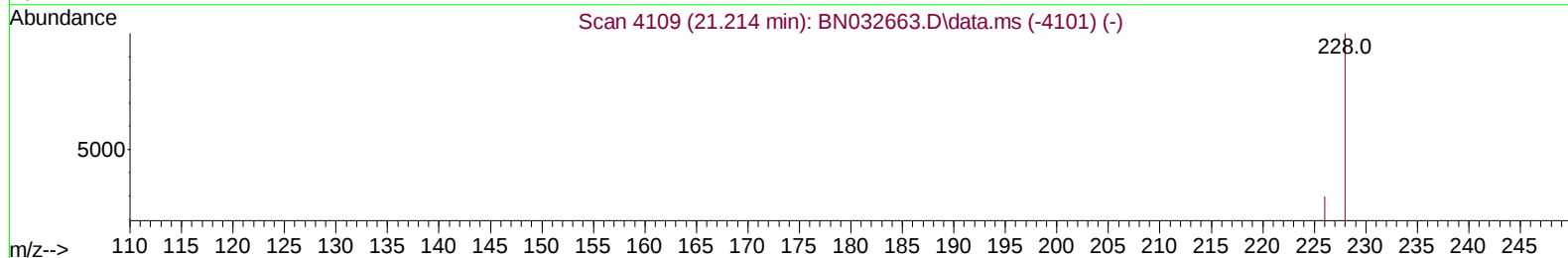
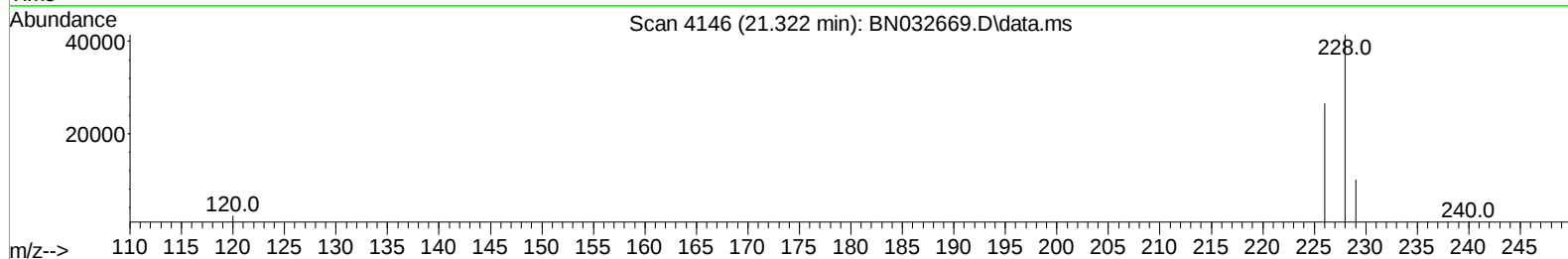
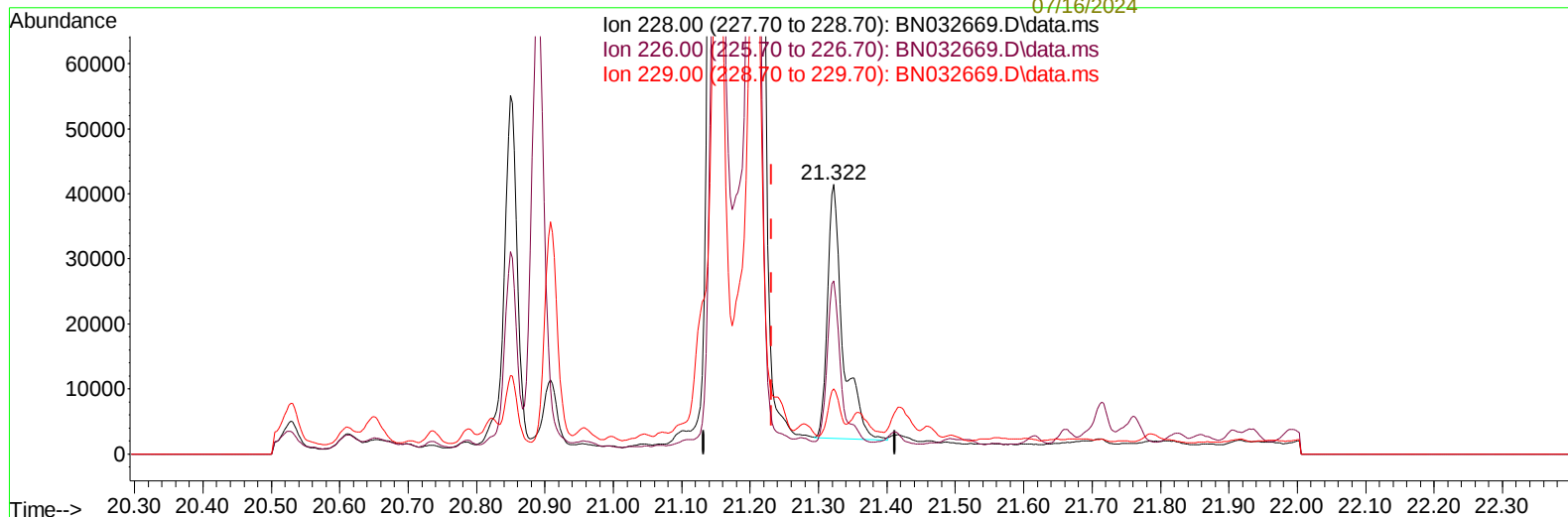
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TIC: BN032669.D\data.ms

(22) Chrysene

21.322min (+ 0.091) 1.00 ng/u1

response 61440

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	64.27#
229.00	19.70	24.26#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

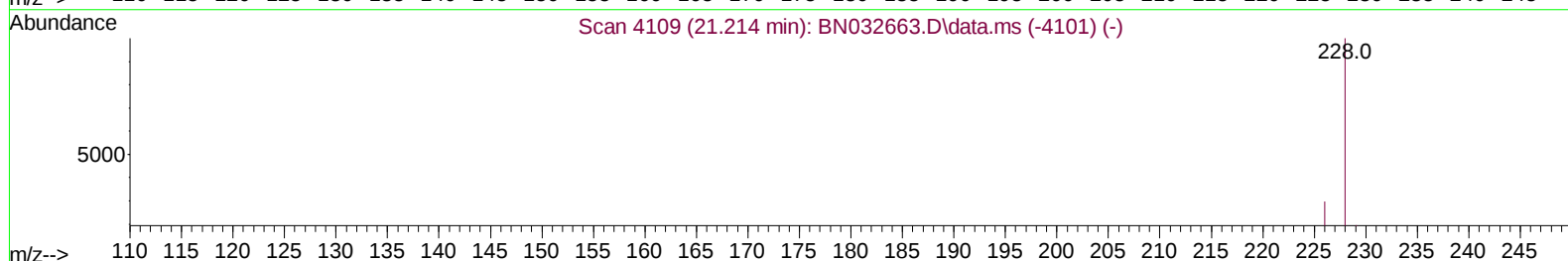
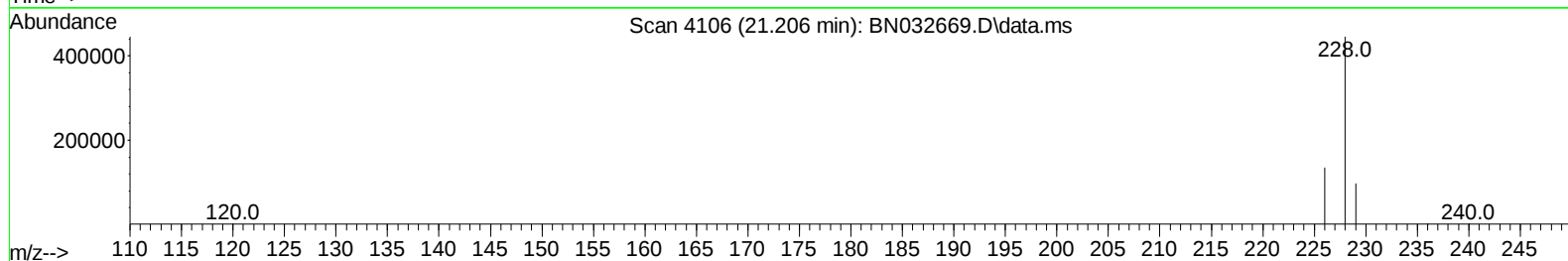
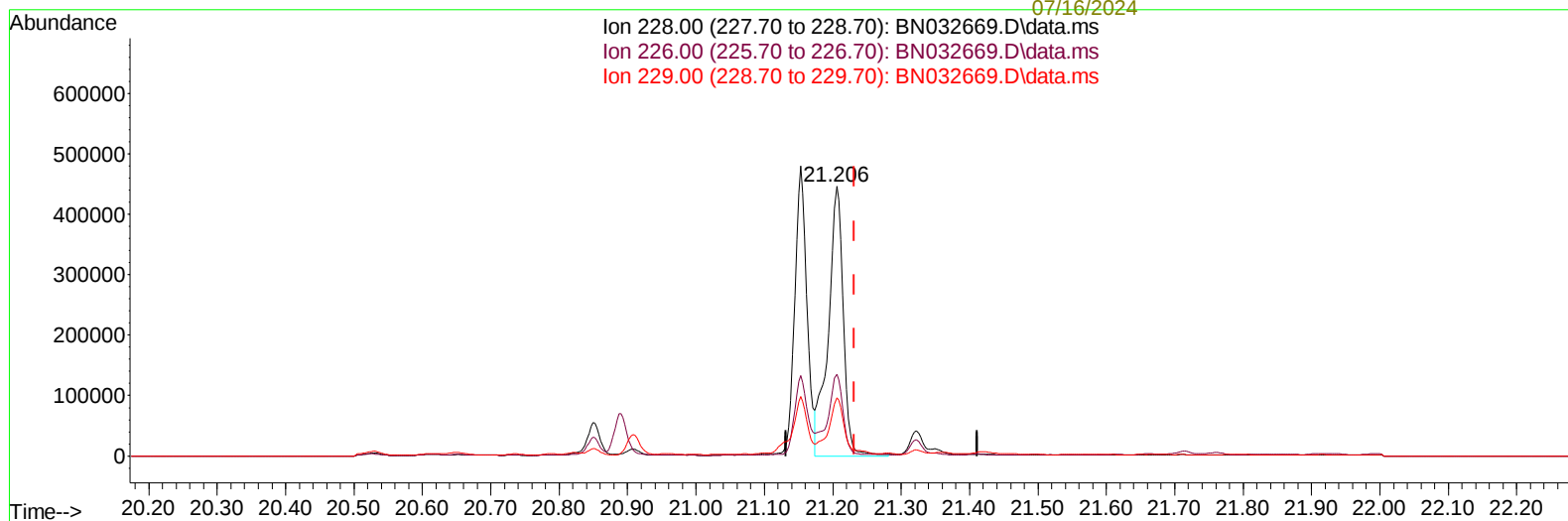
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh
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TIC: BN032669.D\data.ms

(22) Chrysene

21.206min (-0.026) 11.20 ng/ul m

response 684549

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.36
229.00	19.70	21.70
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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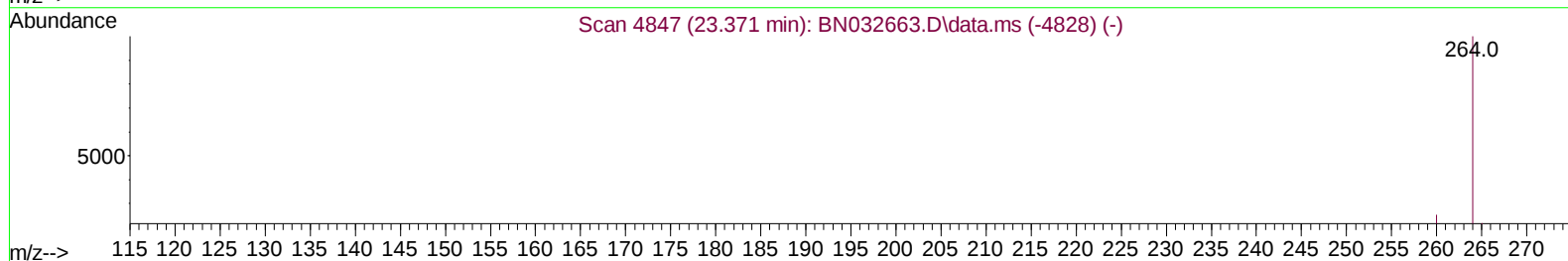
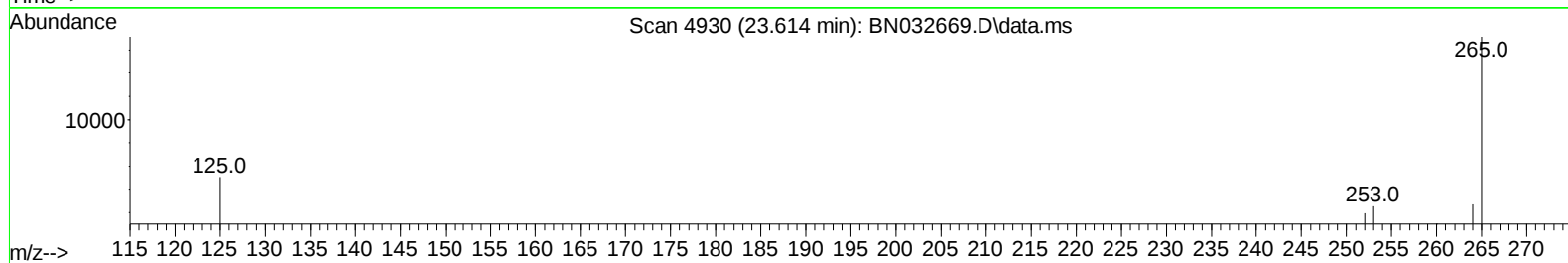
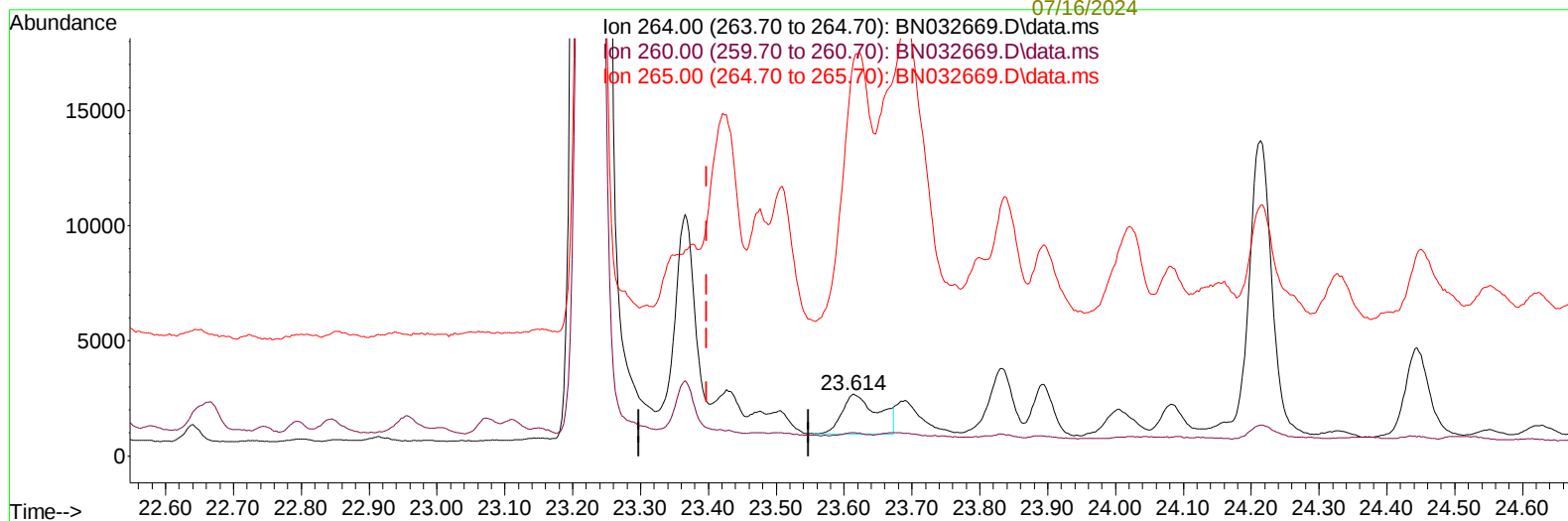
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TIC: BN032669.D\data.ms

(23) Perylene-d12 (I)

23.614min (+ 0.216) 0.40 ng/u1

response 6346

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	37.43#
265.00	95.50	638.51#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

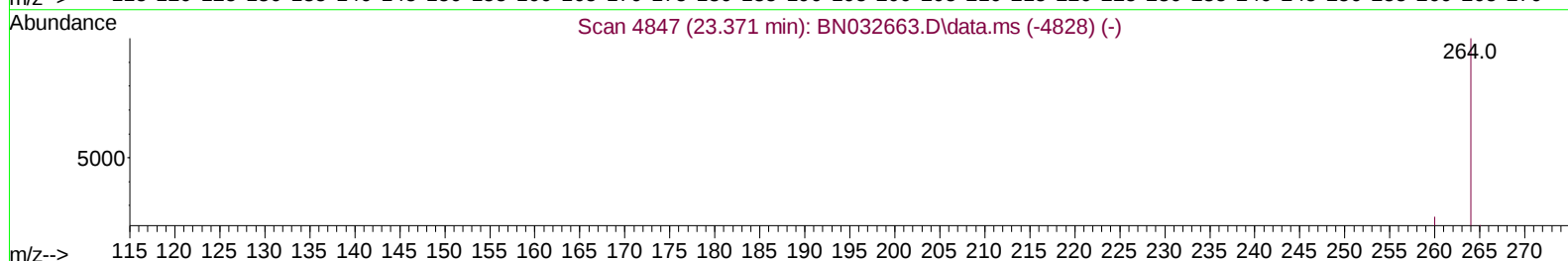
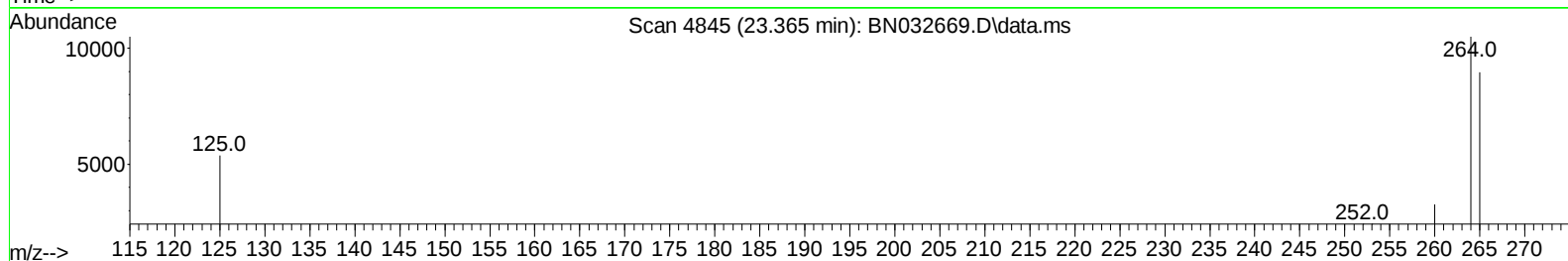
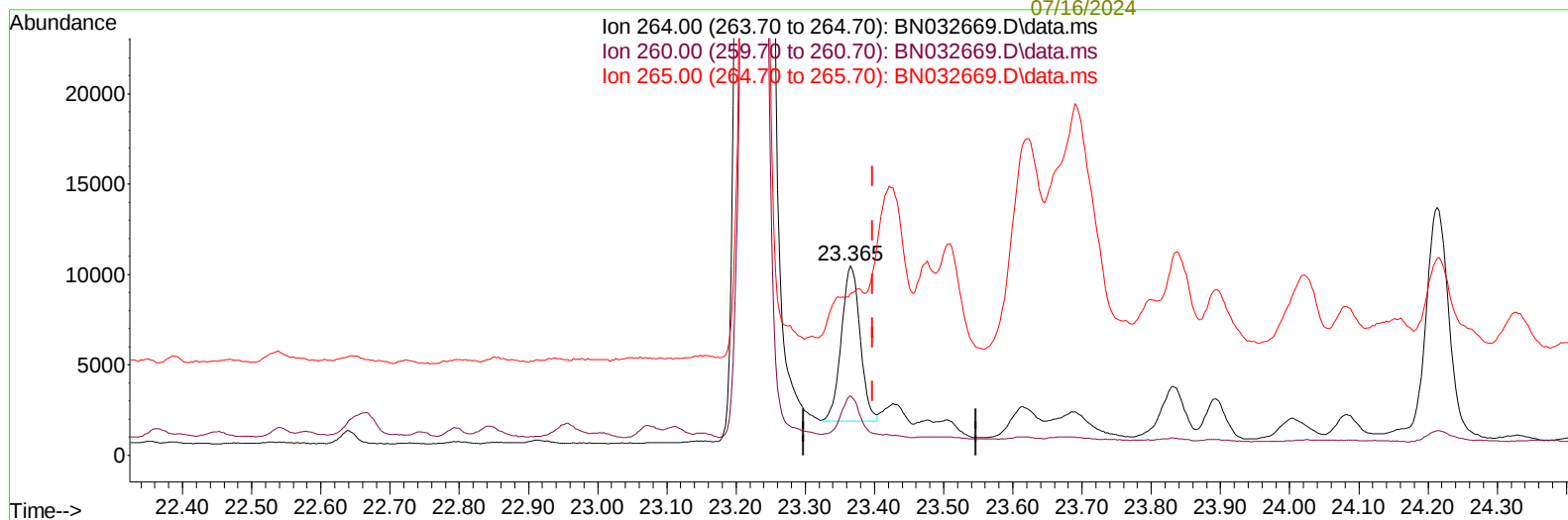
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TIC: BN032669.D\data.ms

(23) Perylene-d12 (I)

23.365min (-0.032) 0.40 ng/ul m

response 16247

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.24
265.00	95.50	85.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

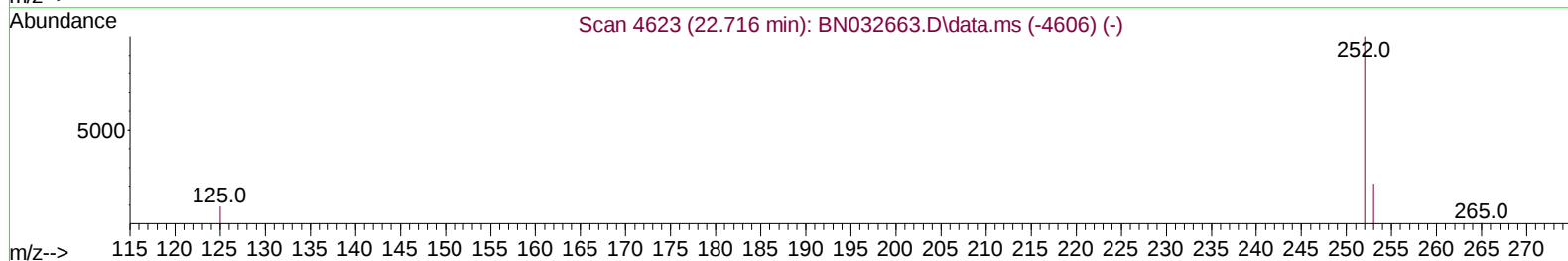
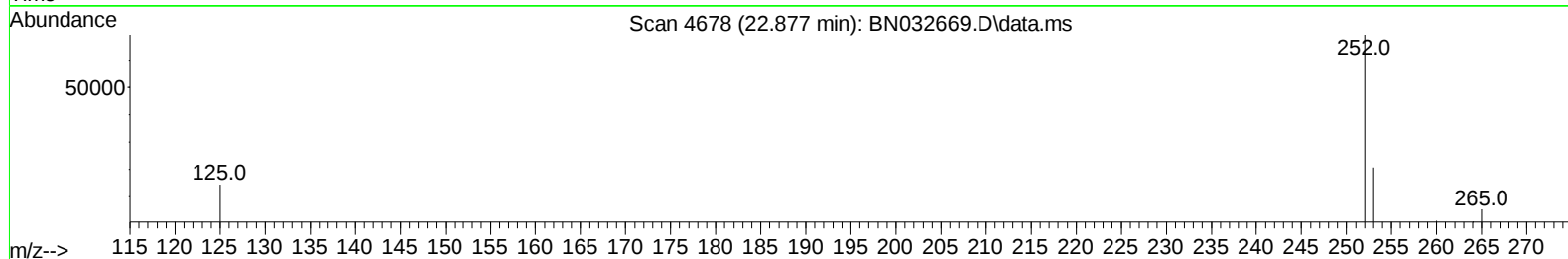
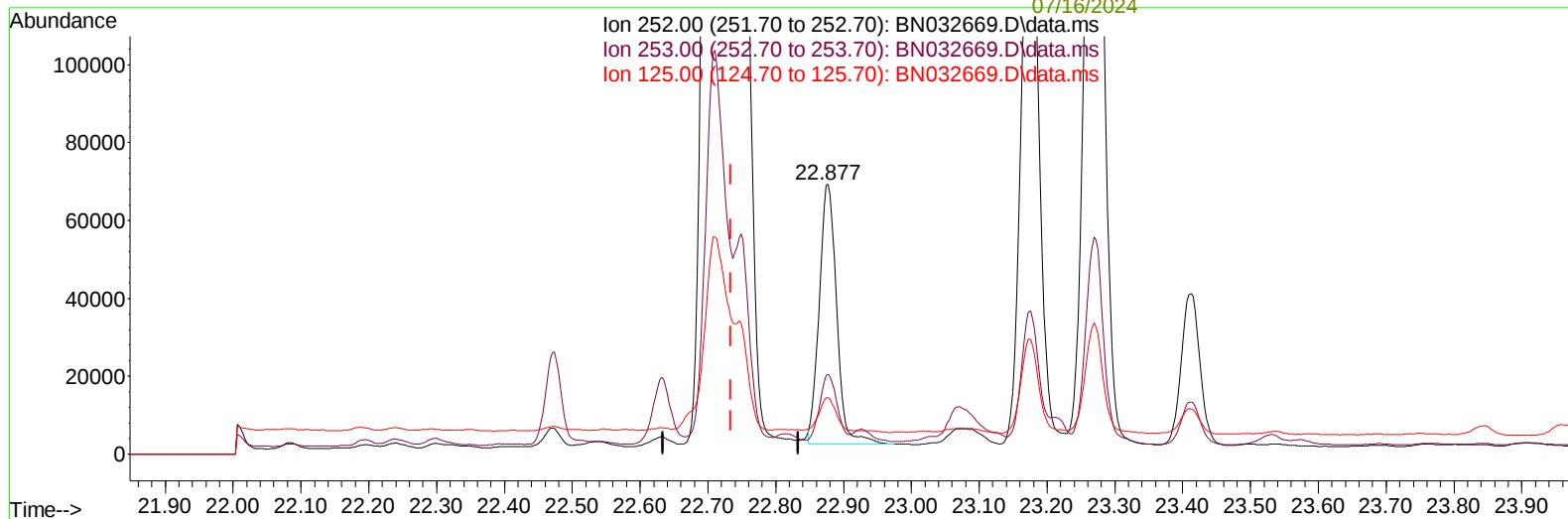
Reviewed By :Yogesh

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TIC: BN032669.D\data.ms

(24) Benzo(b)fluoranthene

22.877min (+ 0.143) 2.08 ng/u1

response 119252

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.71
125.00	18.00	20.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

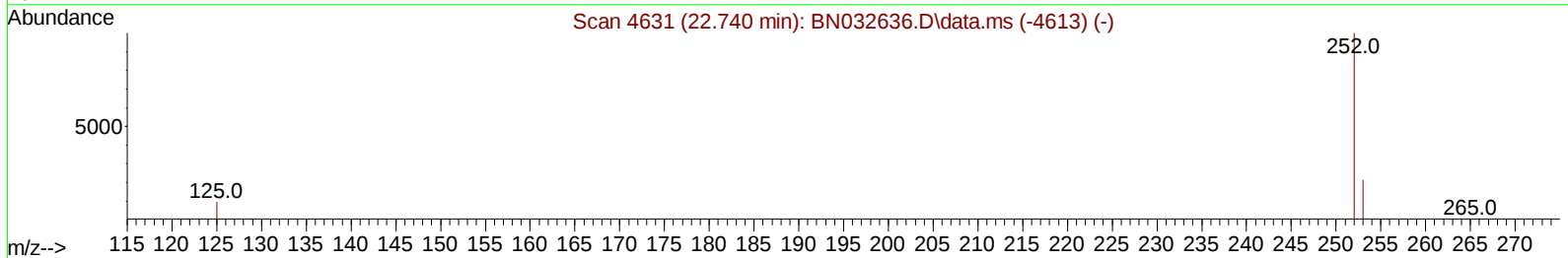
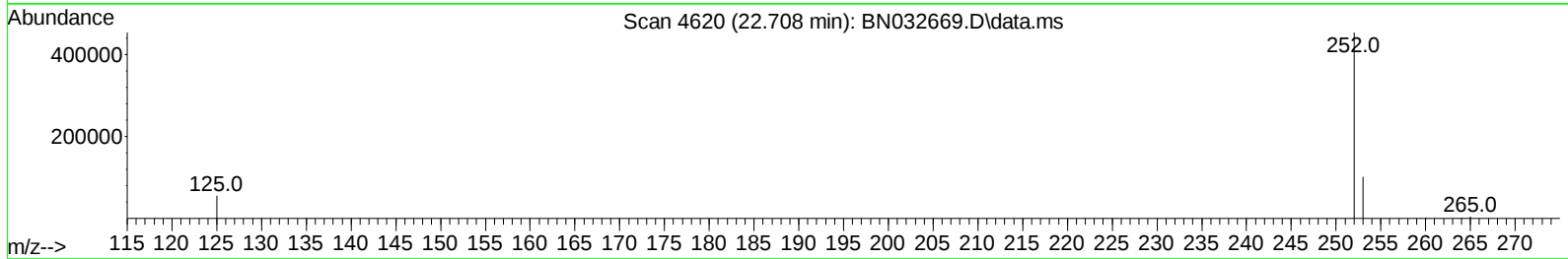
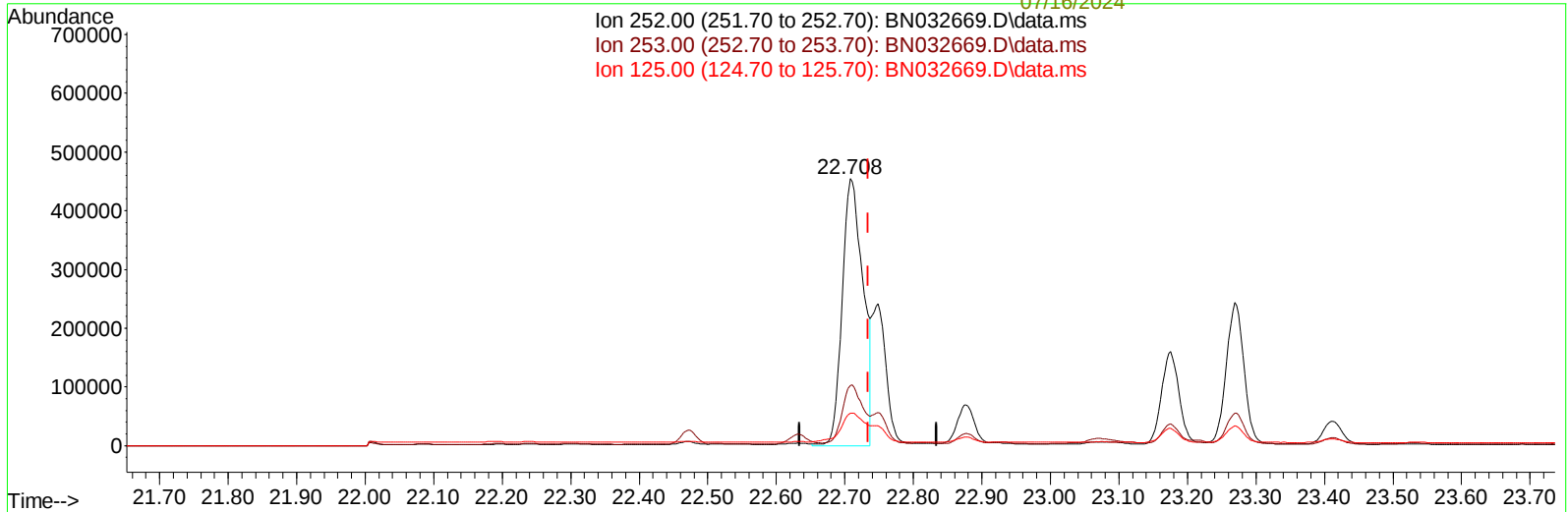
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh
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TIC: BN032669.D\data.ms

(24) Benzo(b)fluoranthene

22.708min (-0.026) 16.83 ng/u1 m

response 964753

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	22.65
125.00	18.00	12.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

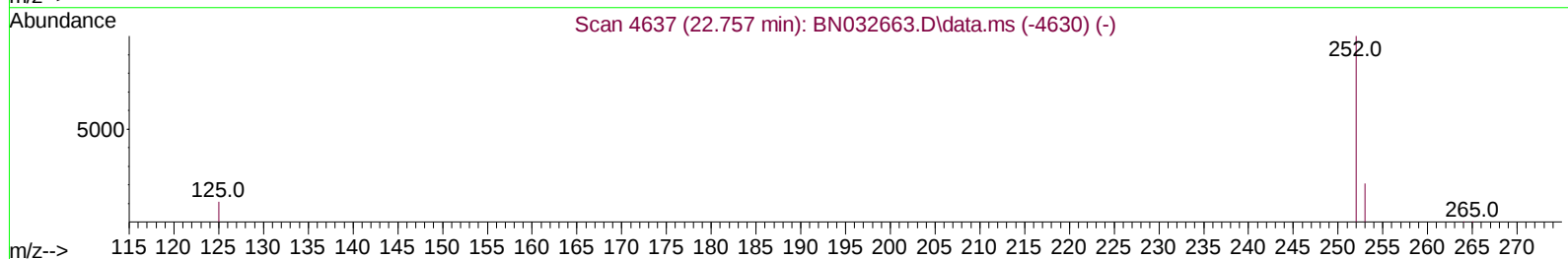
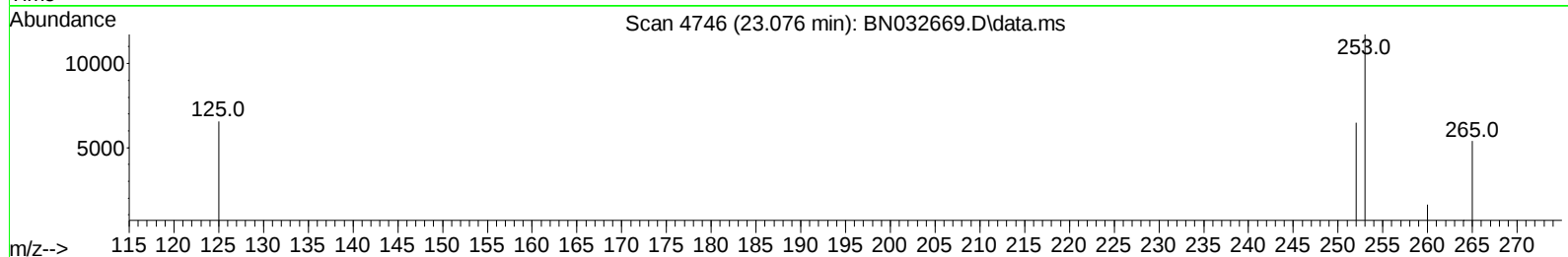
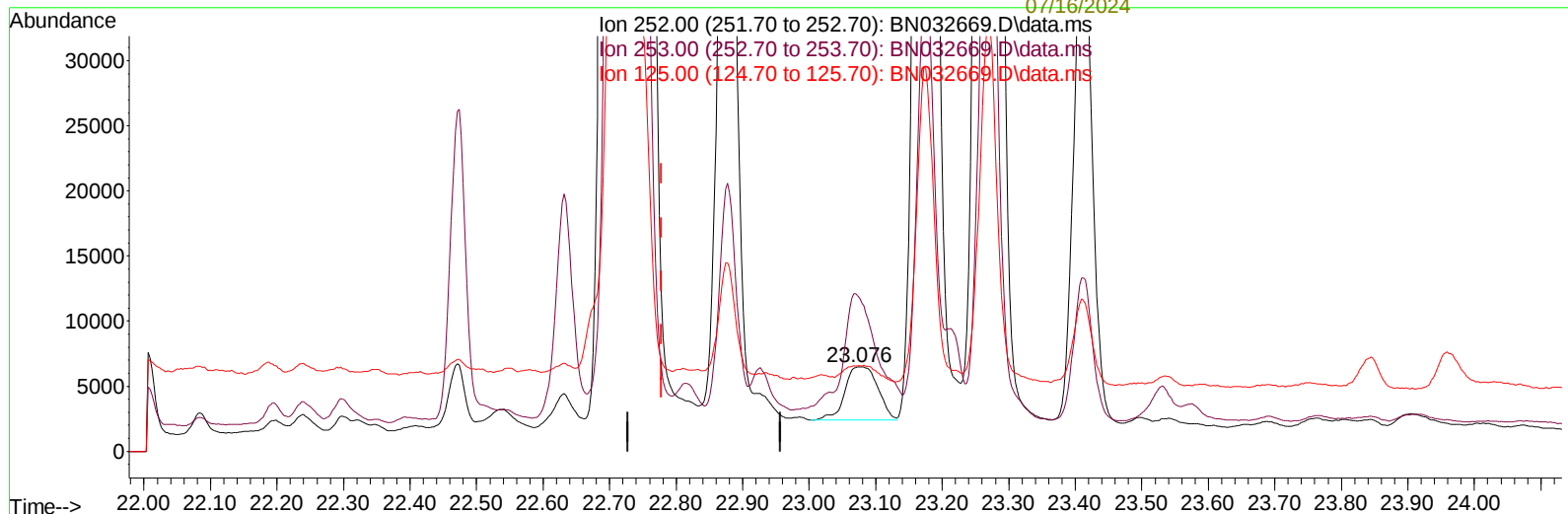
Patel

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TIC: BN032669.D\data.ms

(25) Benzo(k)fluoranthene

23.076min (+ 0.298) 0.20 ng/u1

response 13871

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	180.39#
125.00	18.50	101.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

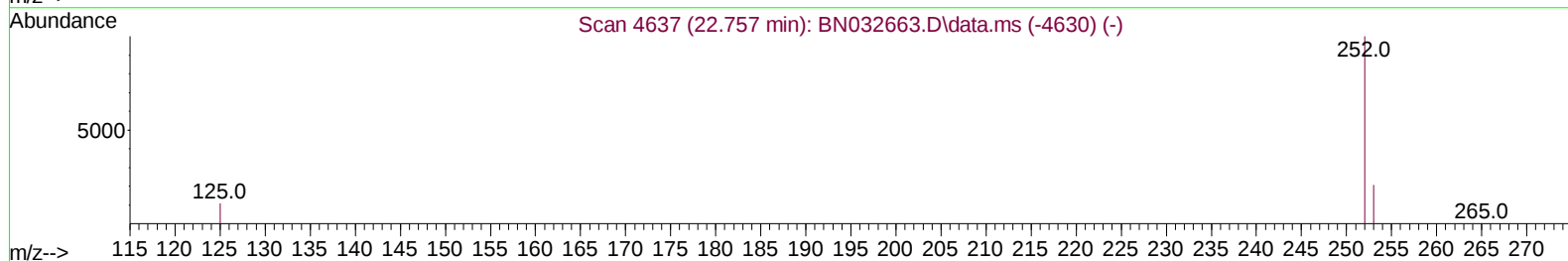
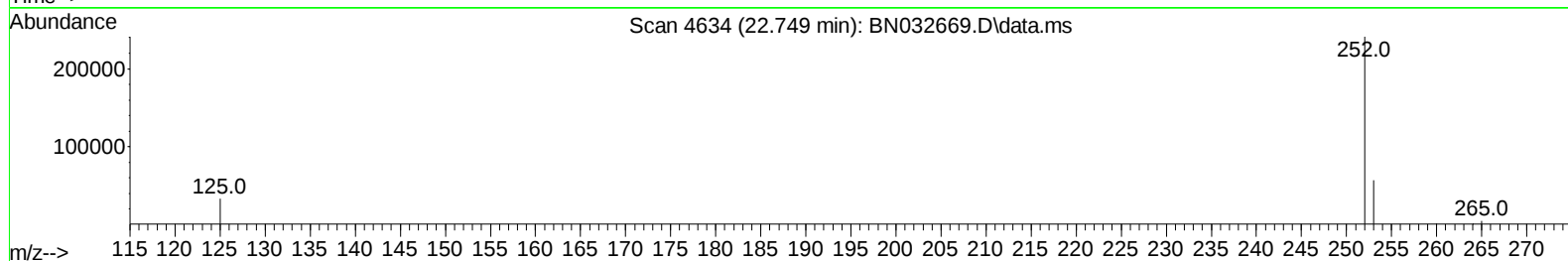
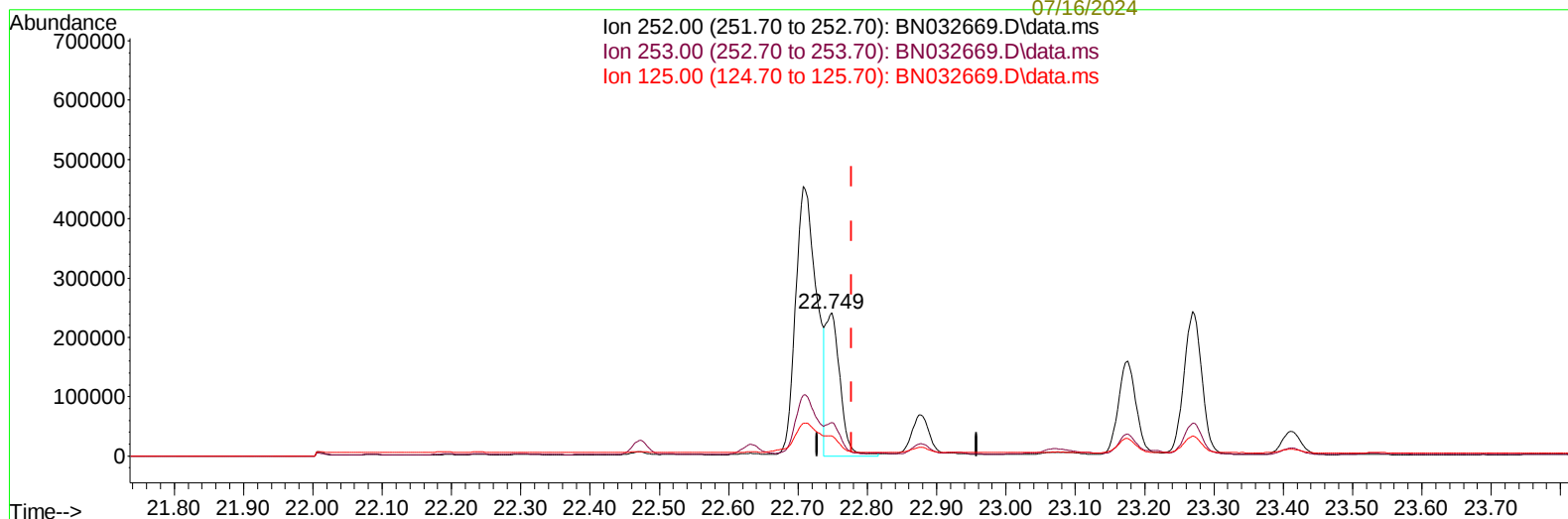
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

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TIC: BN032669.D\data.ms

(25) Benzo(k)fluoranthene

22.749min (-0.029) 4.99 ng/u1 m

response 348616

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	23.46
125.00	18.50	13.97#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

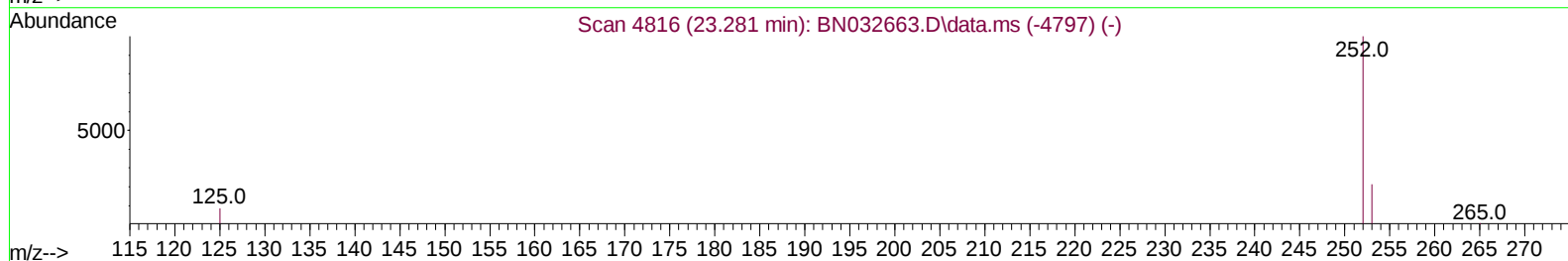
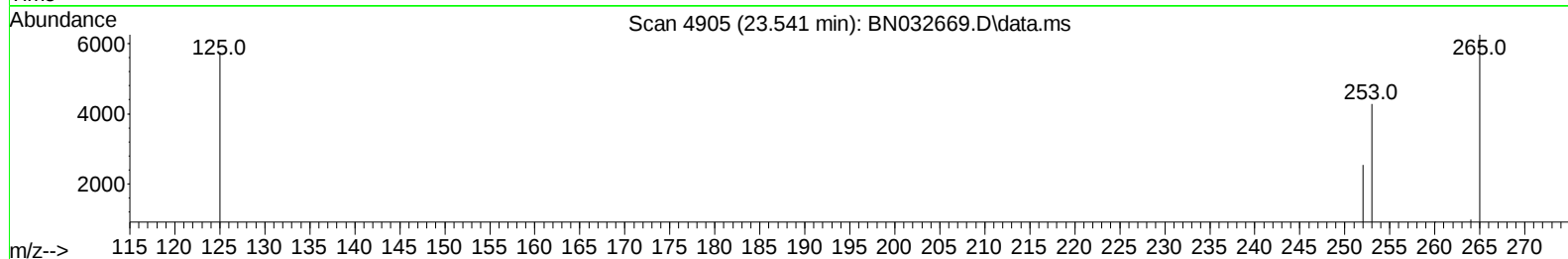
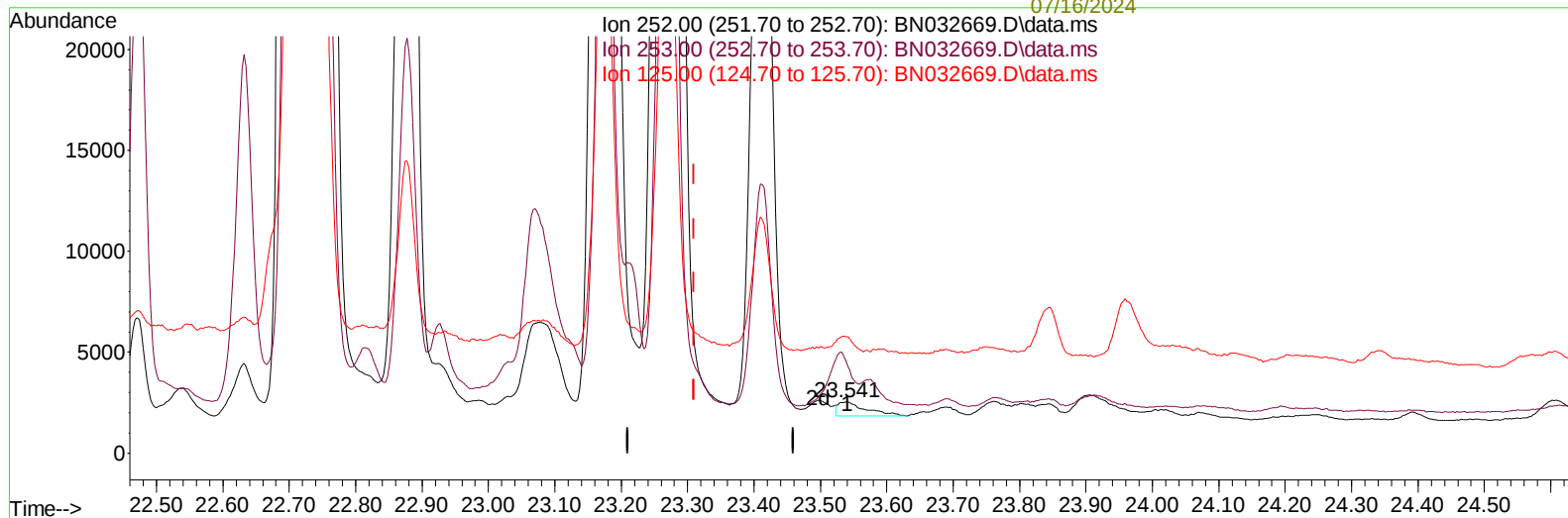
Patel

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TIC: BN032669.D\data.ms

(26) Benzo(a)pyrene (C)

23.541min (+ 0.231) 0.04 ng/u1

response 2025

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	168.39#
125.00	25.70	226.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

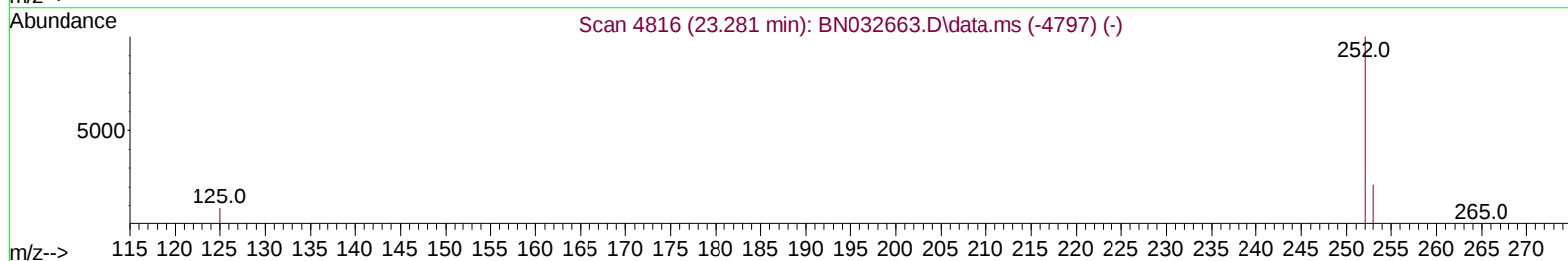
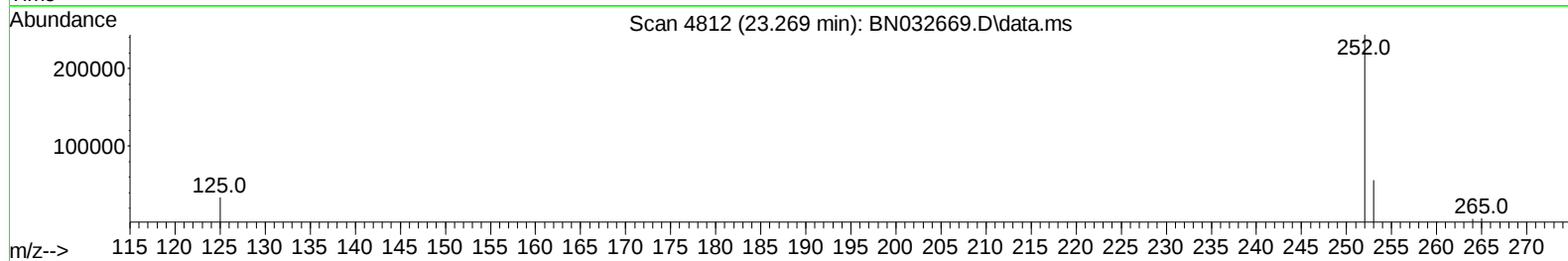
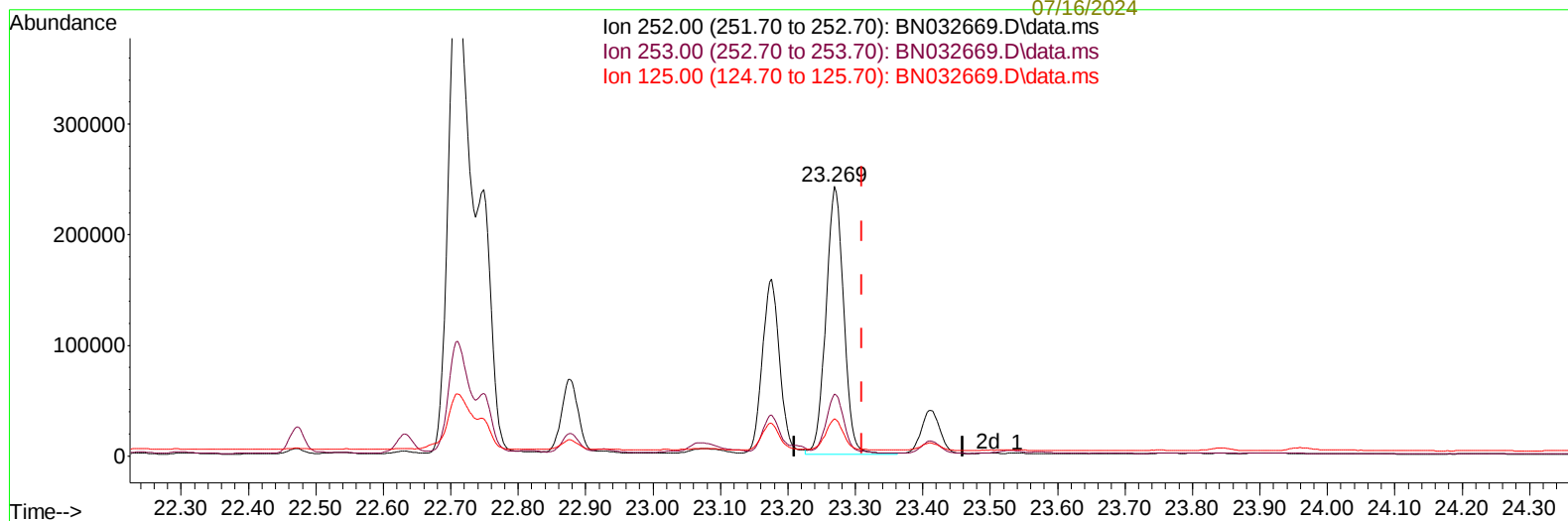
Patel

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TIC: BN032669.D\data.ms

(26) Benzo(a)pyrene (C)

23.269min (-0.041) 8.93 ng/u1 m

response 443086

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	22.91#
125.00	25.70	13.86#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

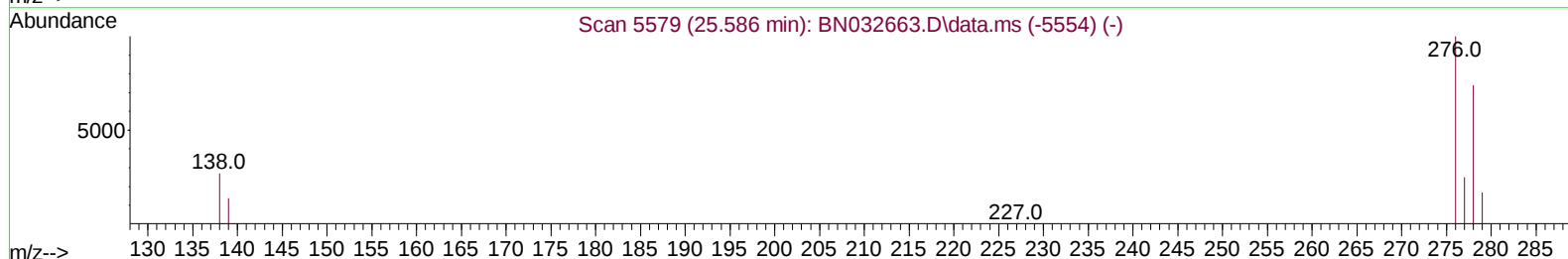
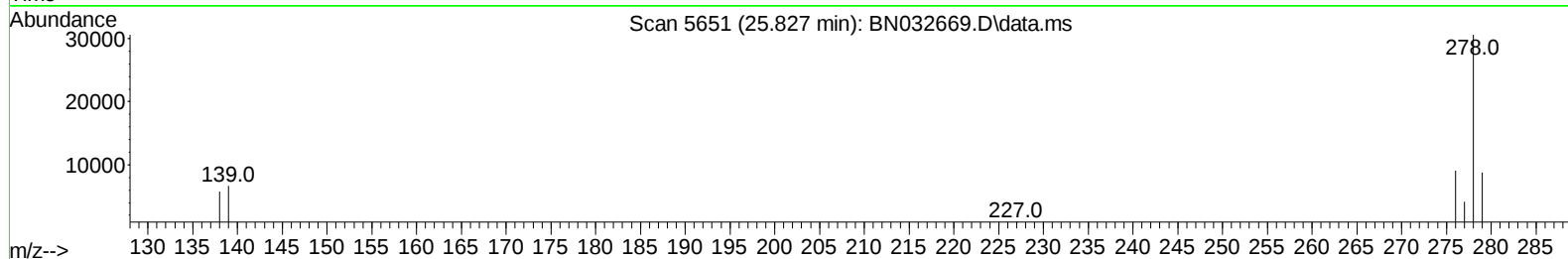
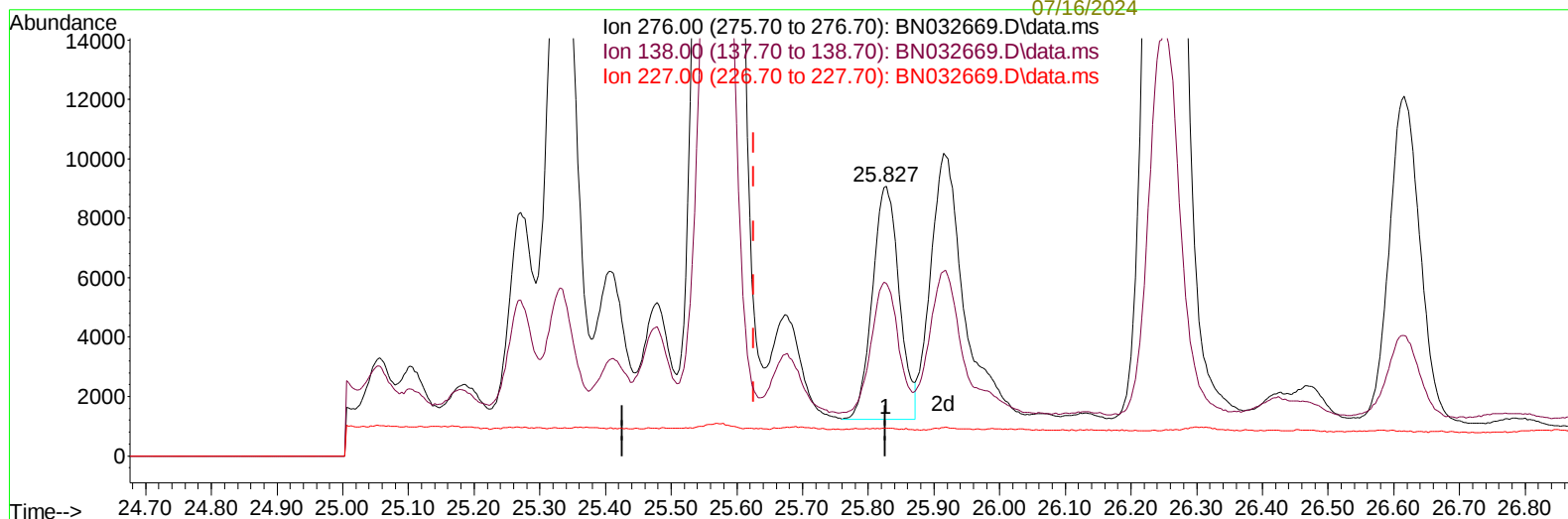
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TIC: BN032669.D\data.ms

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

25.827min (+ 0.201) 0.33 ng/u1

response 22261

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	57.27#
227.00	0.00	0.38#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

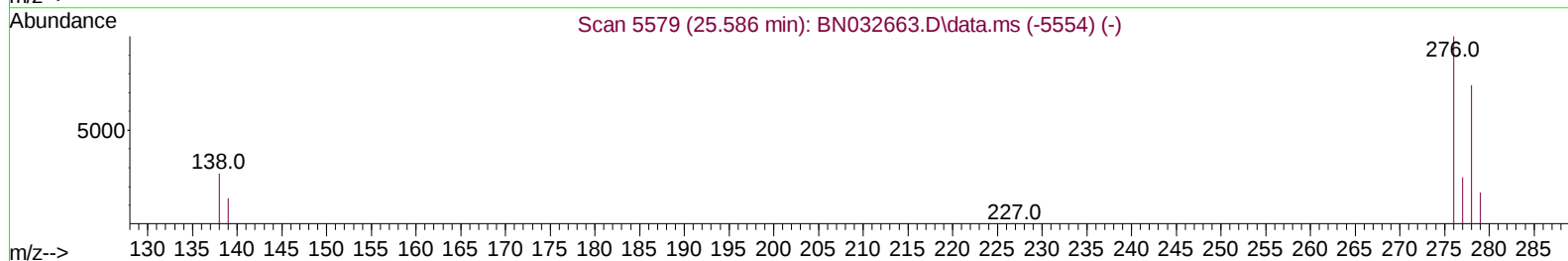
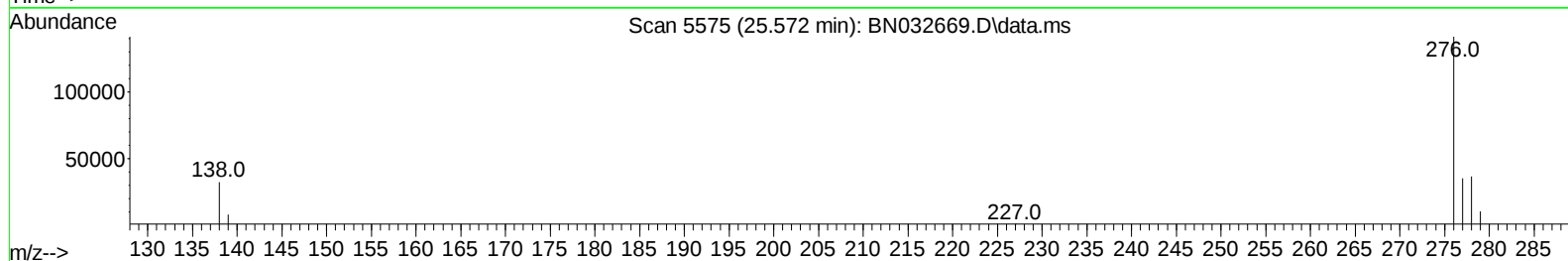
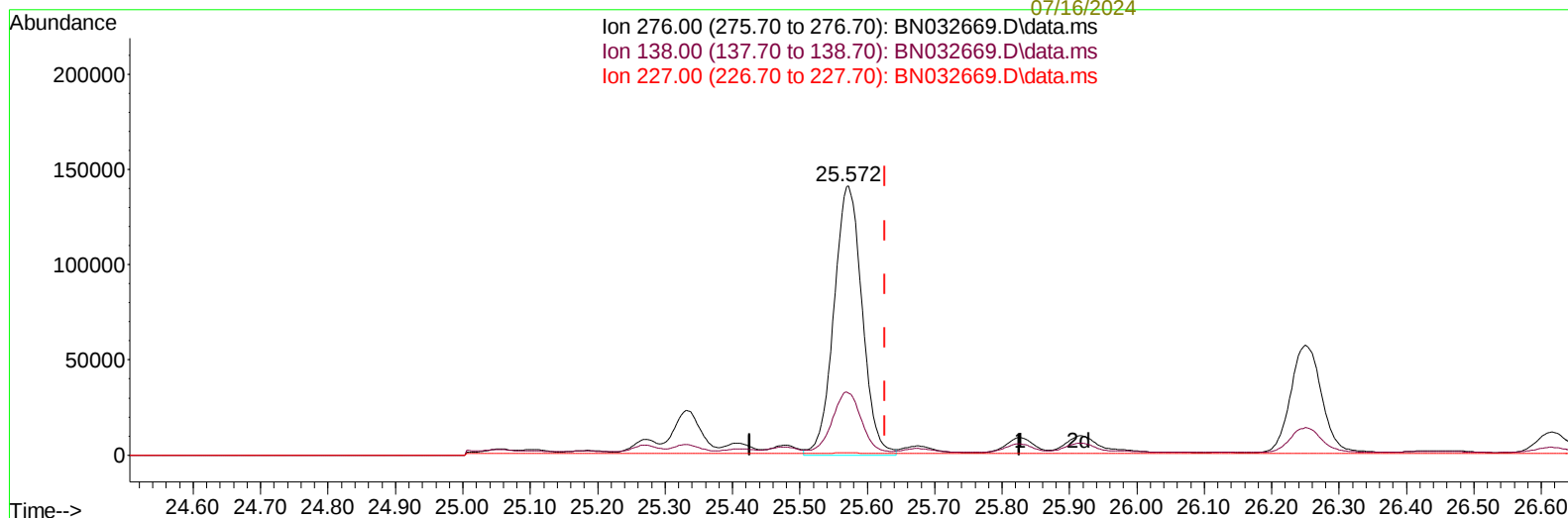
Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh
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07/13/2024

Supervised By :mohammad
ahmed
07/16/2024



TIC: BN032669.D\data.ms

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

25.572min (-0.054) 6.13 ng/ul m

response 411677

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	27.00	3.10#
227.00	0.00	0.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

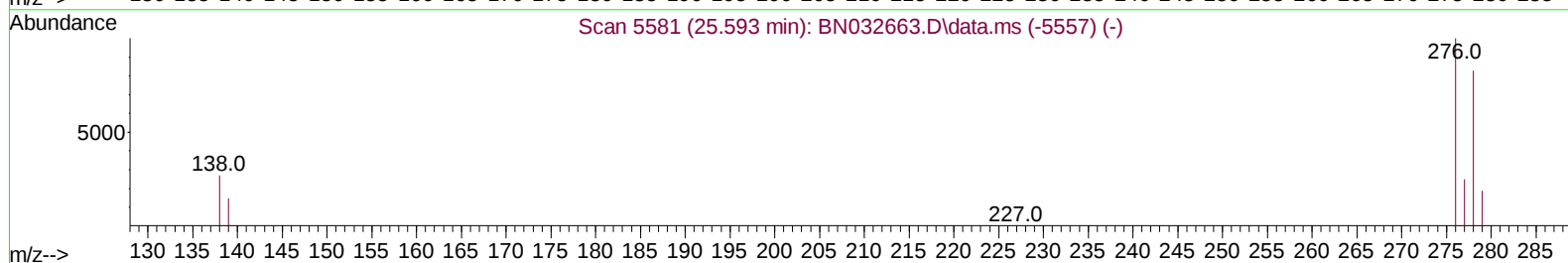
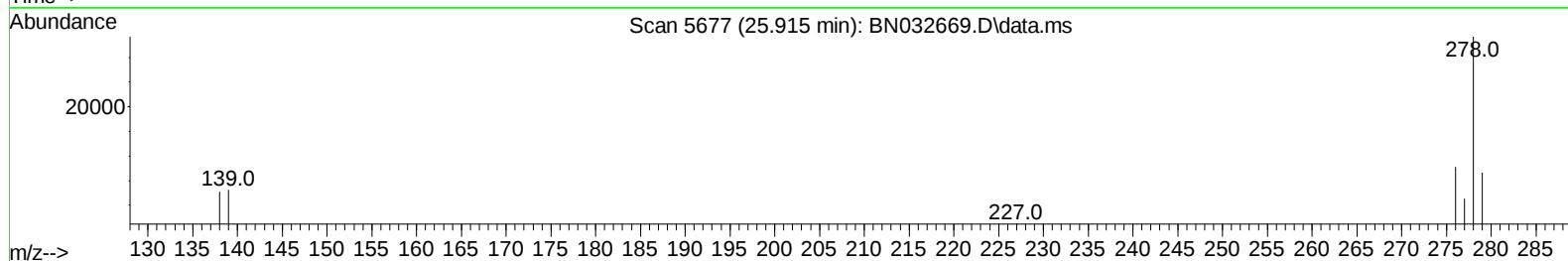
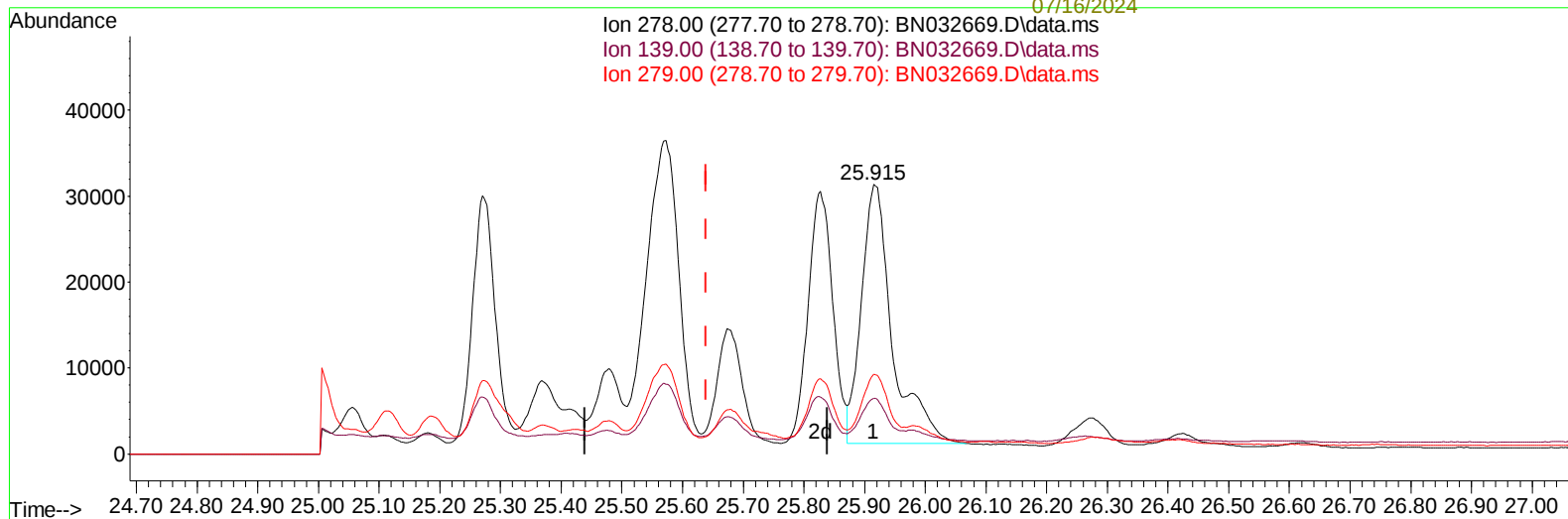
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TIC: BN032669.D\data.ms

(28) Dibenzo(a,h)anthracene

25.915min (+ 0.275) 2.06 ng/u1

response 107006

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	20.72
279.00	29.60	29.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032669.D
Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh

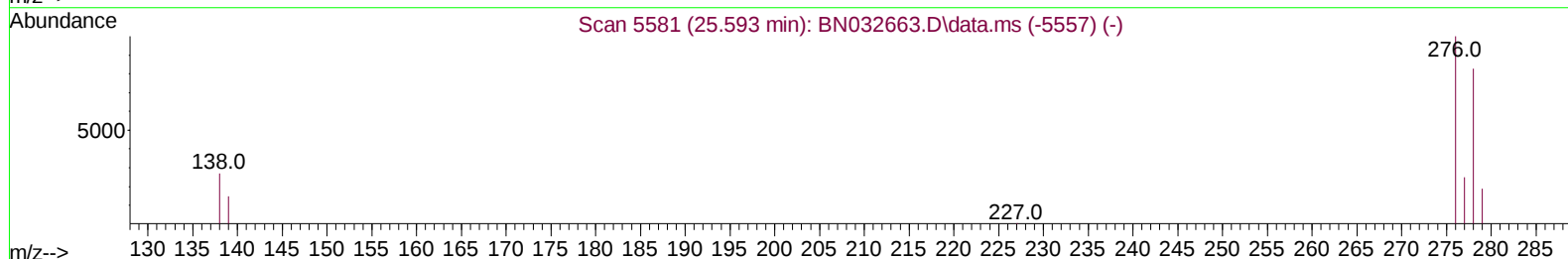
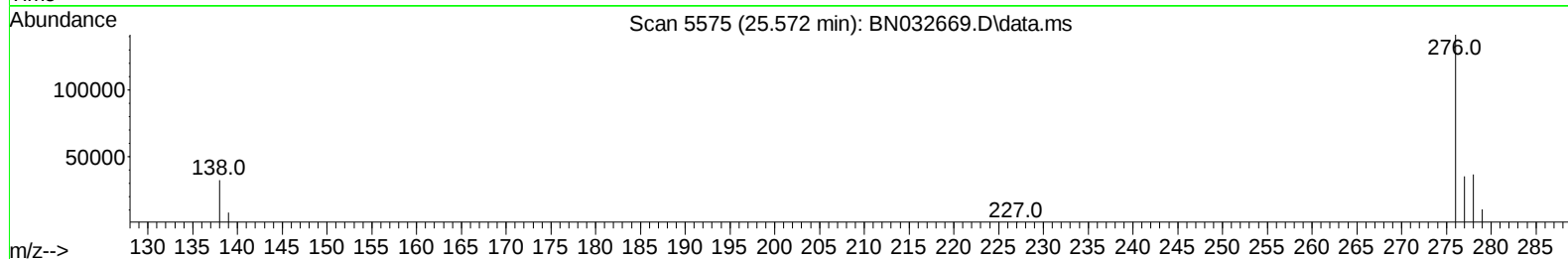
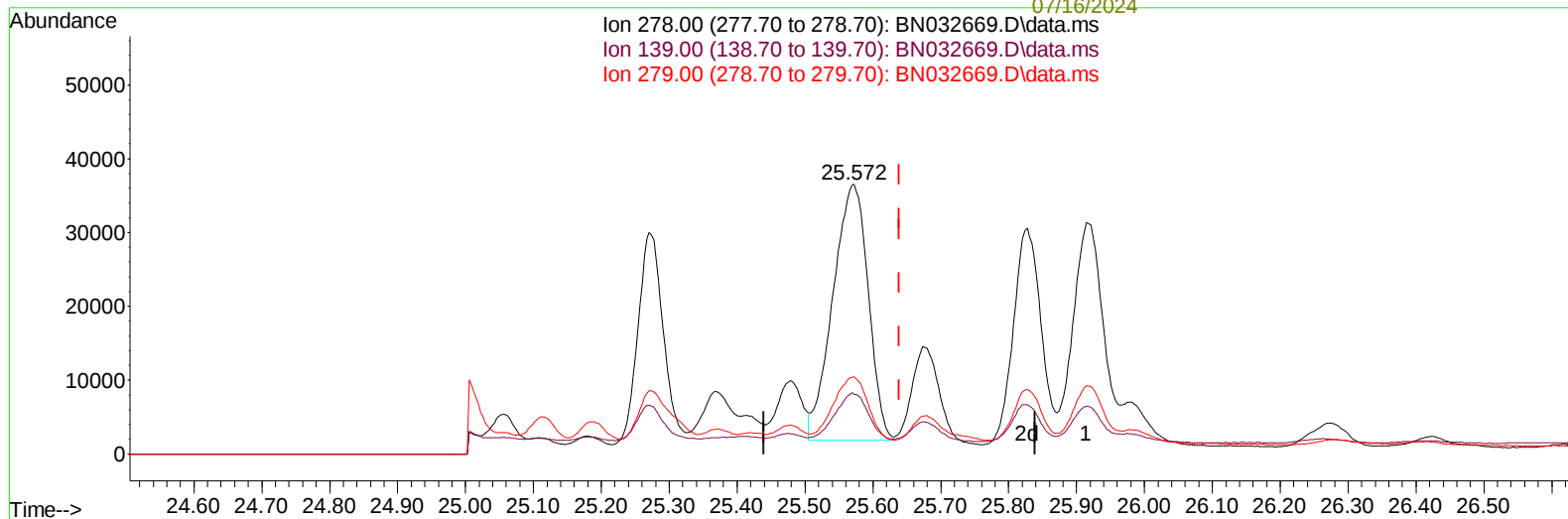
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TIC: BN032669.D\data.ms

(28) Dibenzo(a,h)anthracene

25.572min (-0.067) 2.41 ng/u1 m

response 125243

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	20.70	22.13
279.00	29.60	28.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032669.D
 Acq On : 12 Jul 2024 12:34
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
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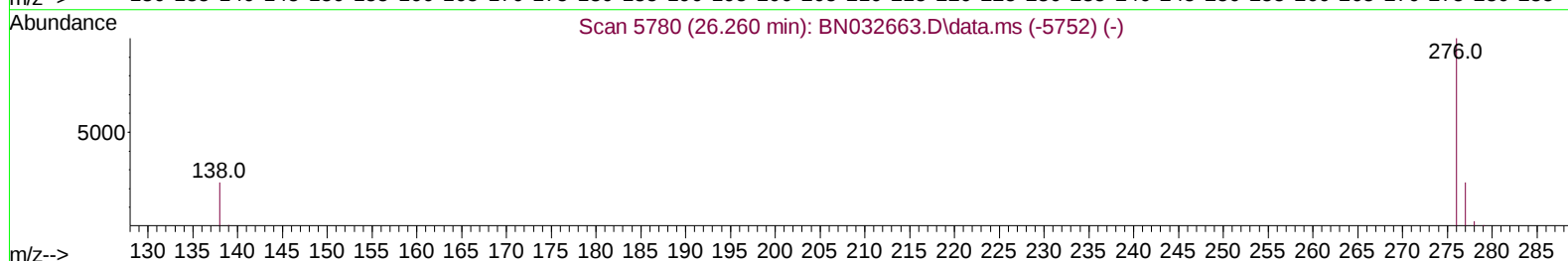
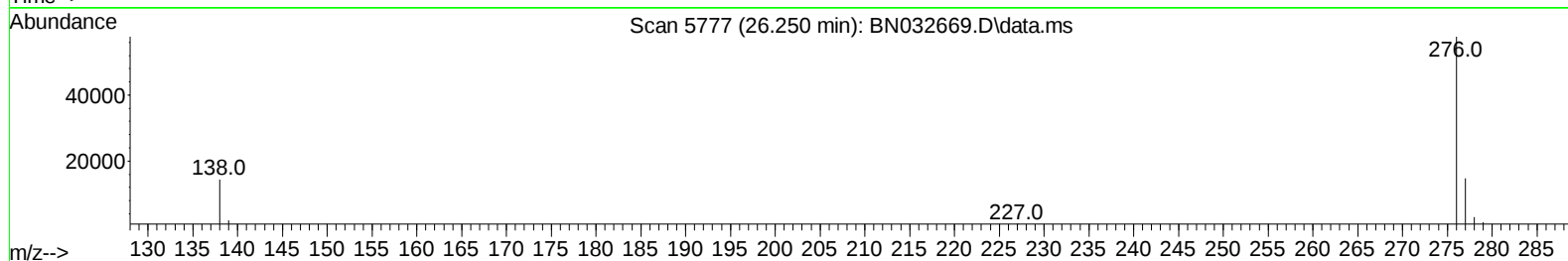
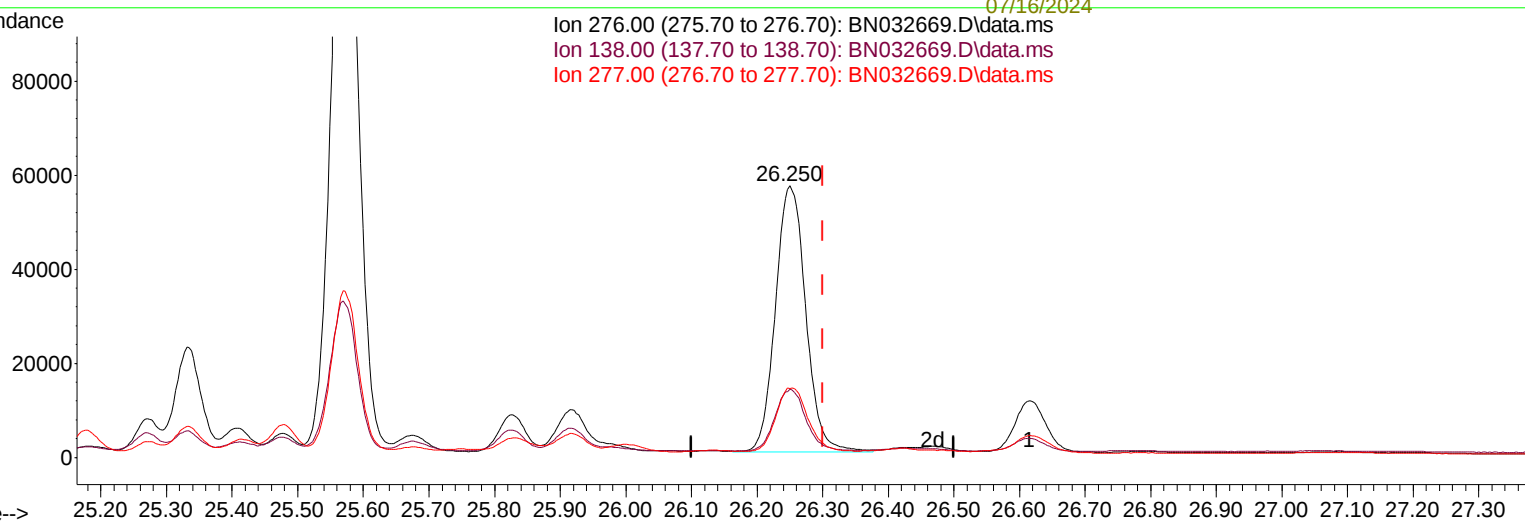
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Ion 276.00 (275.70 to 276.70): BN032669.D\data.ms
 Ion 138.00 (137.70 to 138.70): BN032669.D\data.ms
 Ion 277.00 (276.70 to 277.70): BN032669.D\data.ms



TIC: BN032669.D\data.ms

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

26.250min (-0.050) 3.24 ng/ul m

response 182176

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.20	25.04
277.00	25.80	25.46
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032669.D
 Acq On : 12 Jul 2024 12:34
 Operator : MA/JU
 Sample : P3088-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh
 Patel
 07/13/2024

Supervised By :mohammad
 ahmed
 07/16/2024

Quant Time: Jul 12 13:02:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.553	152		5536	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136		16790	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164		9114	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188		17334m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240		13279m	0.400	ng/ul	-0.03
23) Perylene-d12	23.365	264		16247m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.101	96		27779	4.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152		6911	0.272	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212		13000m	0.300	ng/ul	-0.03
Target Compounds							
							Qvalue
5) Naphthalene	10.371	128		22290	0.494	ng/ul	98
7) 2-Methylnaphthalene	11.999	142		7523	0.267	ng/ul	97
8) 1-Methylnaphthalene	12.219	142		5876	0.202	ng/ul	99
10) Acenaphthylene	13.920	152		41950	1.139	ng/ul	99
11) Acenaphthene	14.262	153		25978	0.853	ng/ul	99
12) Fluorene	15.257	166		28784	0.827	ng/ul	99
14) Pentachlorophenol	16.632	266		214m	0.070	ng/ul	
15) Phenanthrene	16.999	178		618087m	13.093	ng/ul	
16) Anthracene	17.092	178		125340m	3.250	ng/ul	
19) Fluoranthene	19.027	202		1305404m	24.179	ng/ul	
20) Pyrene	19.394	202		1015006m	18.163	ng/ul	
21) Benzo(a)anthracene	21.153	228		603499m	14.278	ng/ul	
22) Chrysene	21.206	228		684549m	11.195	ng/ul	
24) Benzo(b)fluoranthene	22.708	252		964753m	16.829	ng/ul	
25) Benzo(k)fluoranthene	22.749	252		348616m	4.990	ng/ul	
26) Benzo(a)pyrene	23.269	252		443086m	8.932	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.572	276		411677m	6.129	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278		125243m	2.405	ng/ul	
29) Benzo(g,h,i)perylene	26.250	276		182176m	3.245	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
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Acq On : 12 Jul 2024 12:34
Operator : MA/JU
Sample : P3088-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BR7

Manual IntegrationsAPPROVED

Quant Time: Jul 12 13:02:09 2024
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Reviewed By :Yogesh
Patel
07/13/2024

Supervised By :mohammad
ahmed
07/16/2024

