

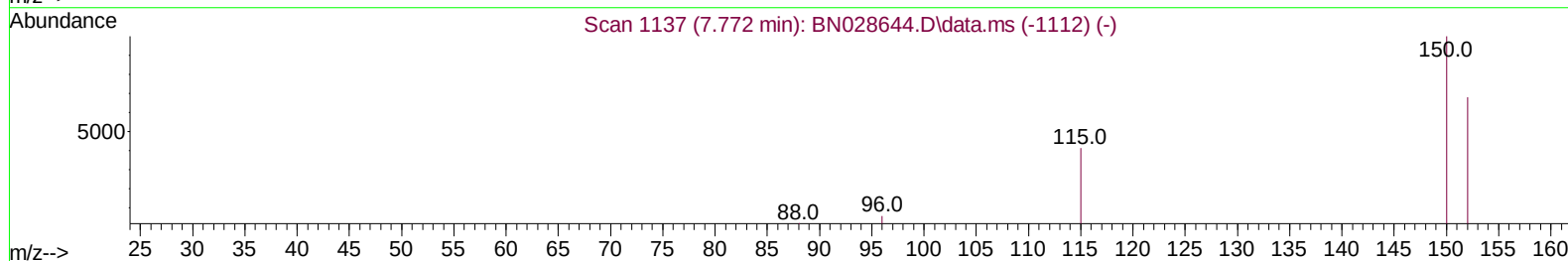
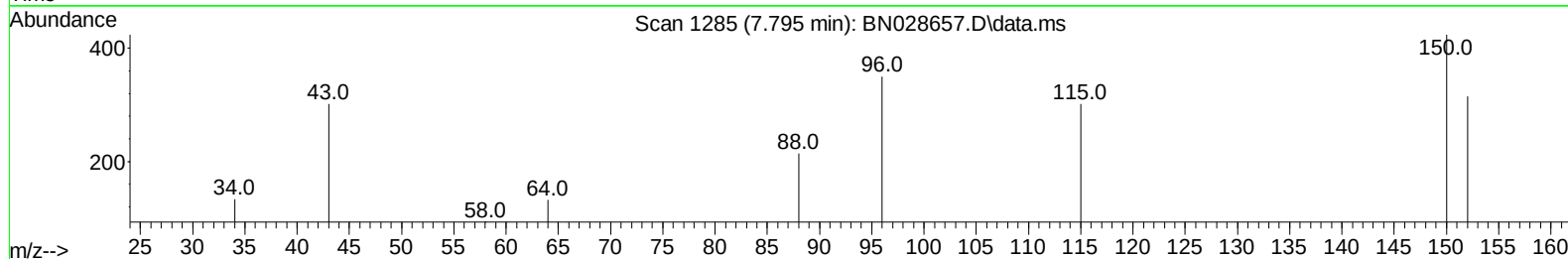
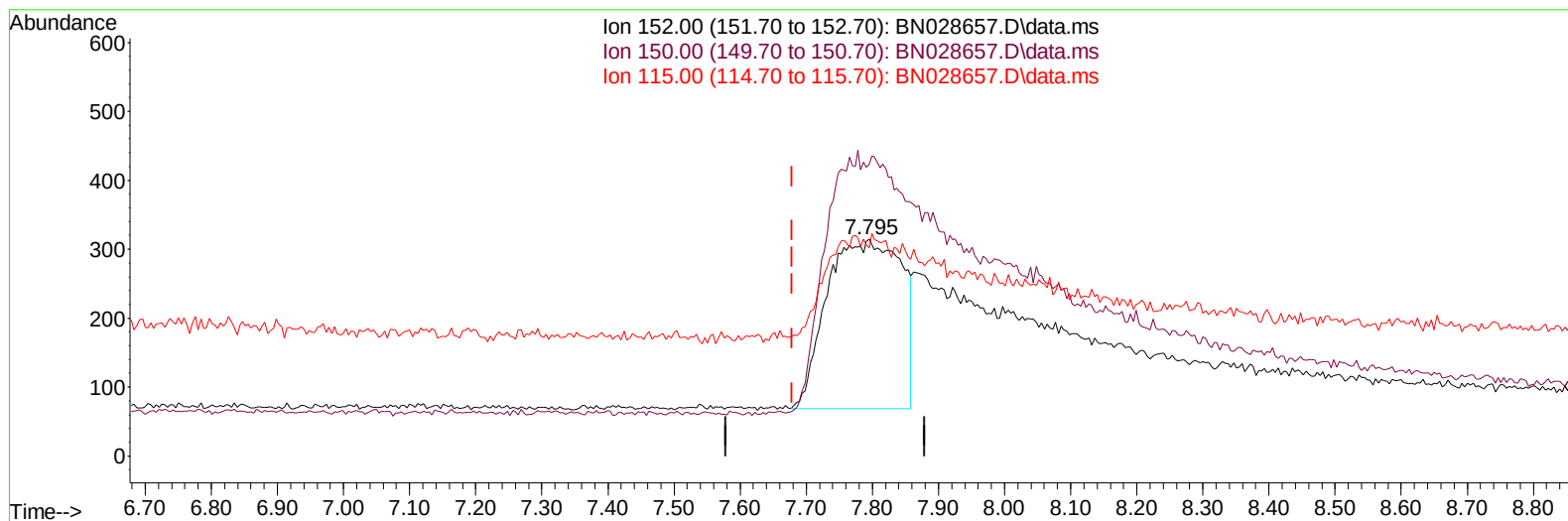
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.795min (+ 0.116) 0.40 ng/ul

response 1930

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.60
115.00	62.20	95.87#
0.00	0.00	0.00

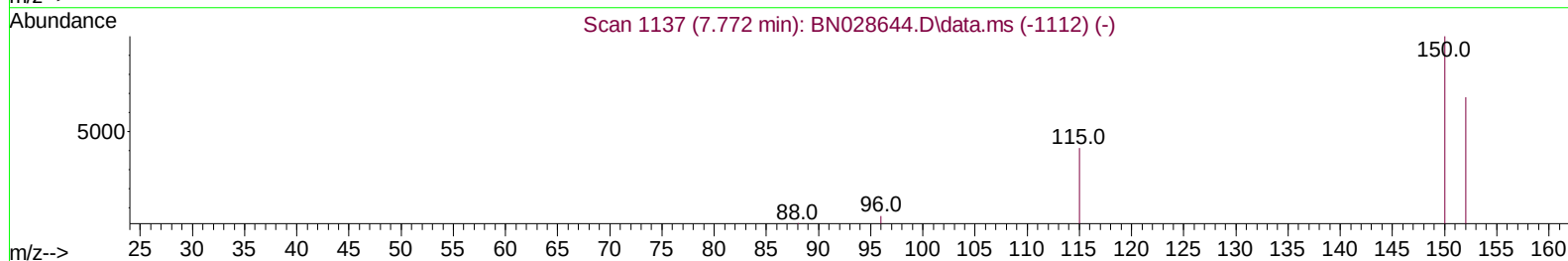
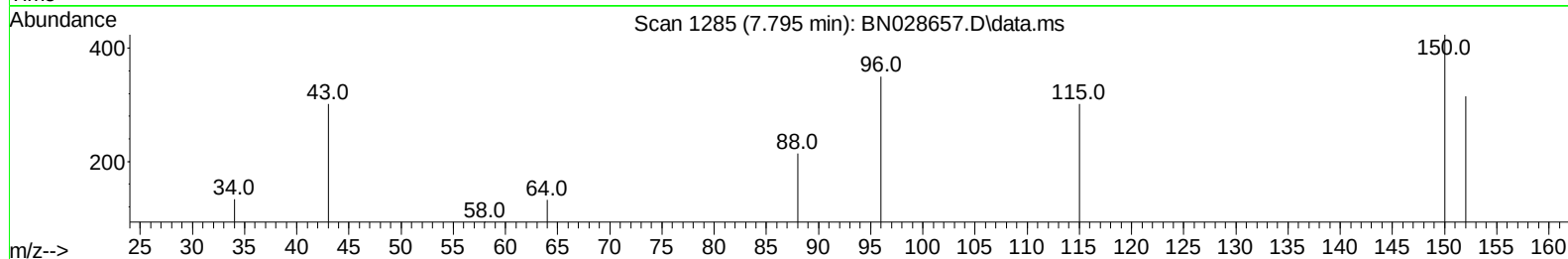
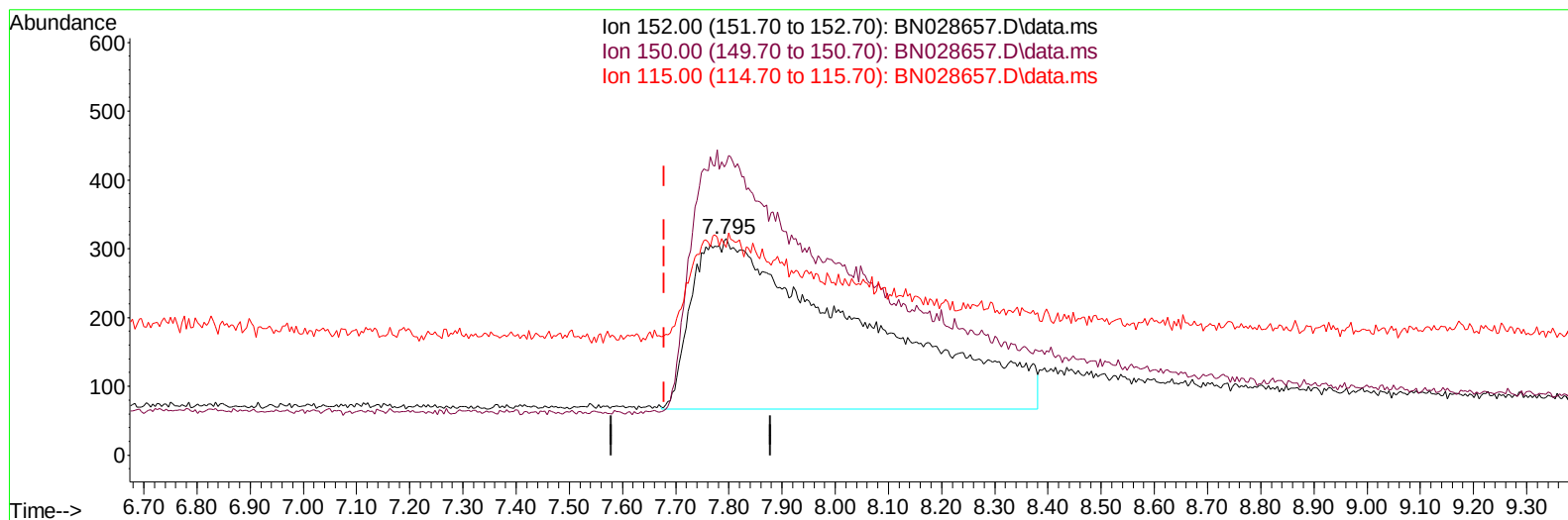
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.795min (+ 0.116) 0.40 ng/ul m

response 5450

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.60
115.00	62.20	95.87#
0.00	0.00	0.00

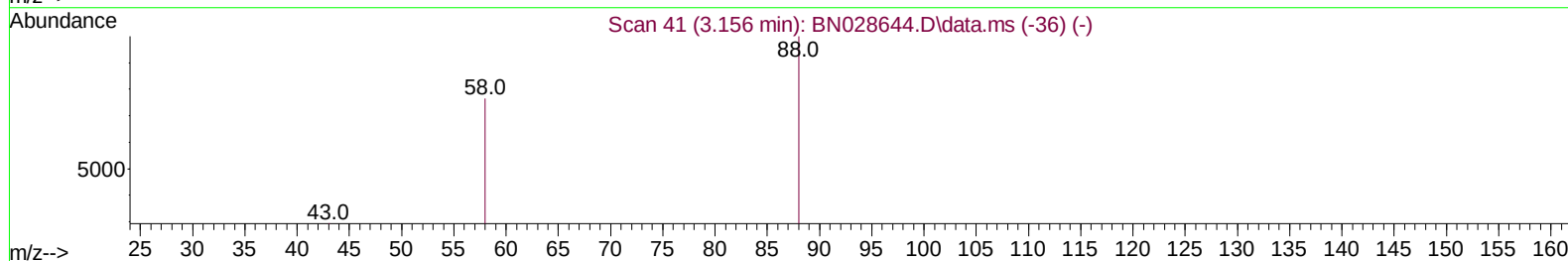
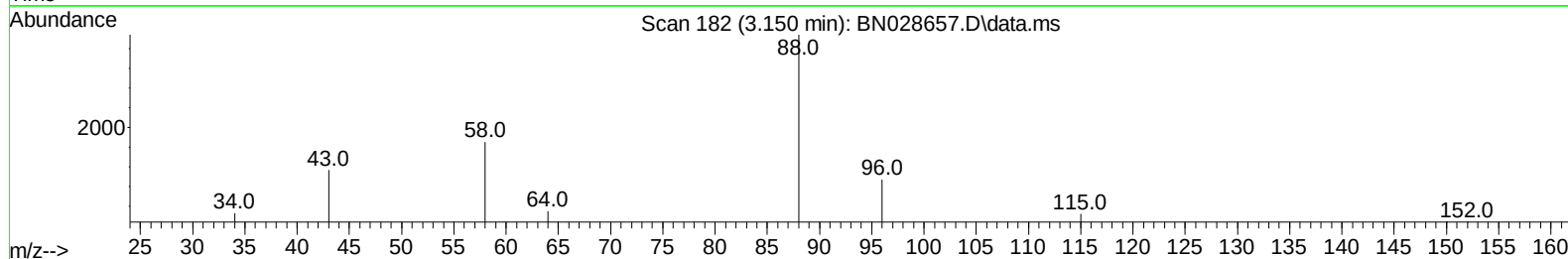
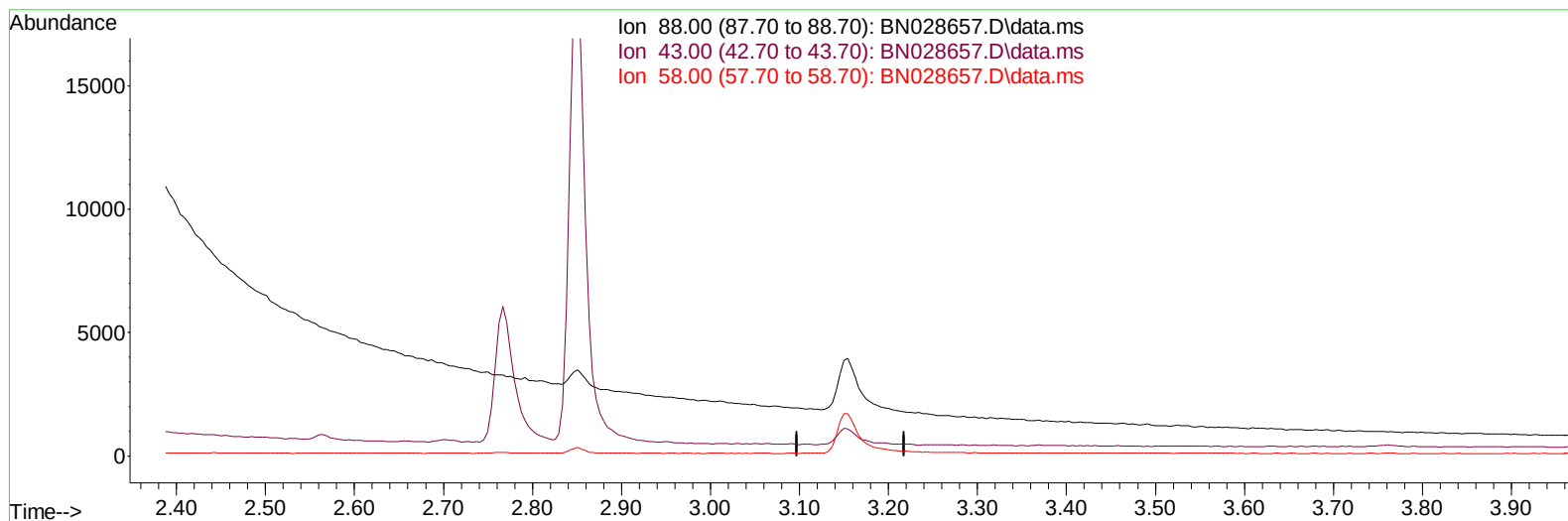
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Instrument :
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 LabSampleId :
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TIC: BN028657.D\data.ms

(2) 1,4-Dioxane

3.148min (-3.148) 0.00 ng/ul

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

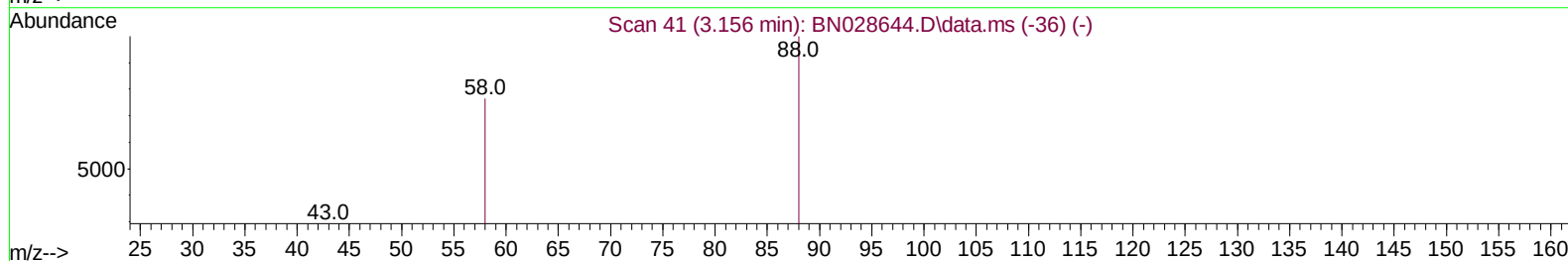
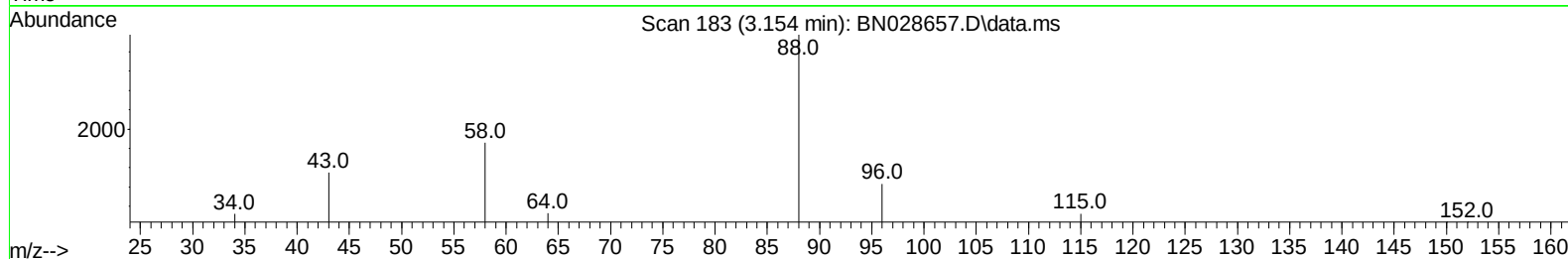
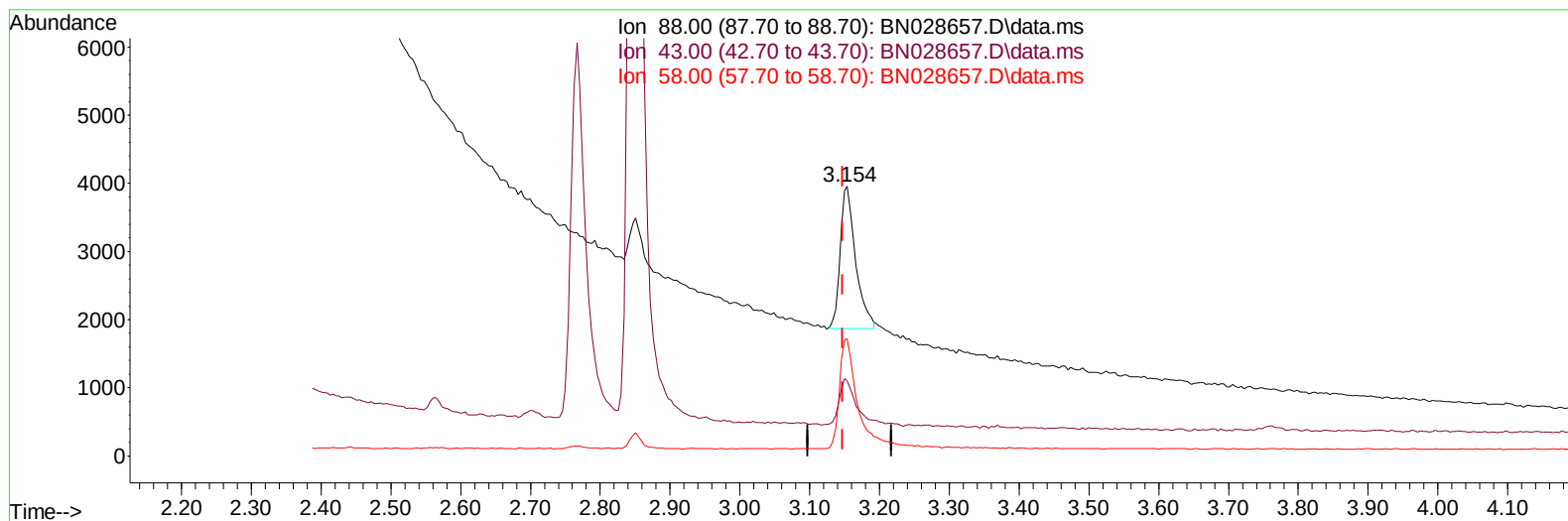
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(2) 1,4-Dioxane

3.154min (+ 0.006) 0.48 ng/ul m

response 3191

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	27.95#
58.00	52.30	43.49
0.00	0.00	0.00

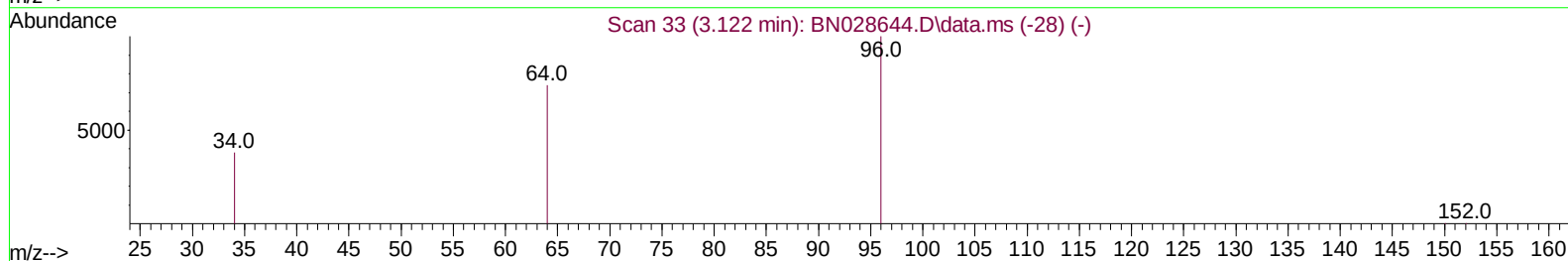
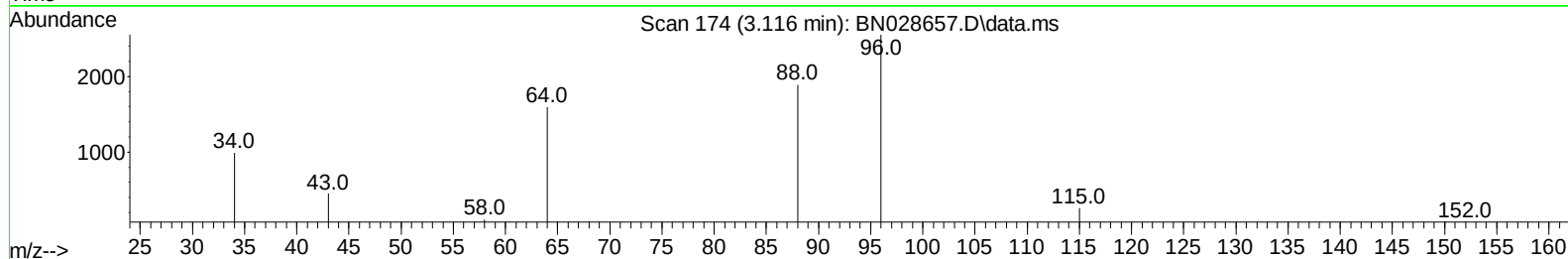
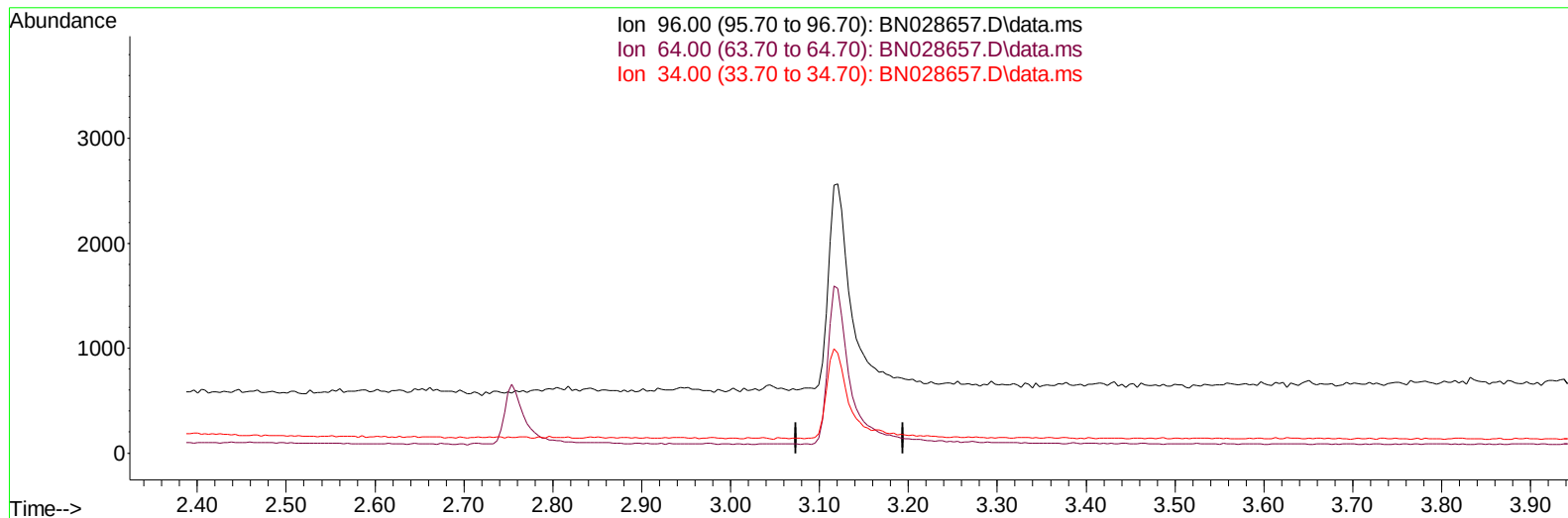
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028657.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.114min (-3.114) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

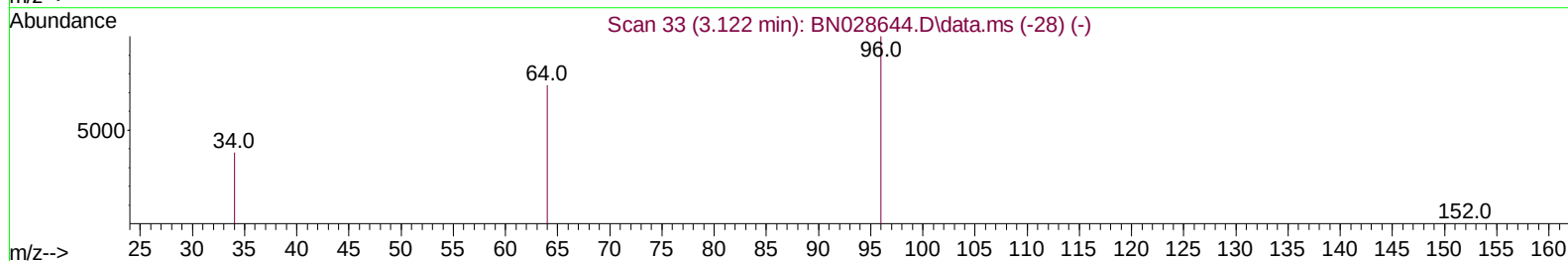
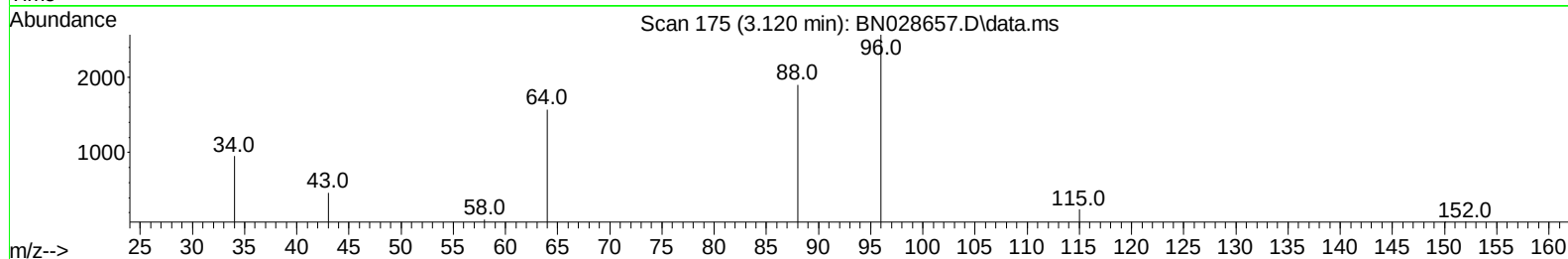
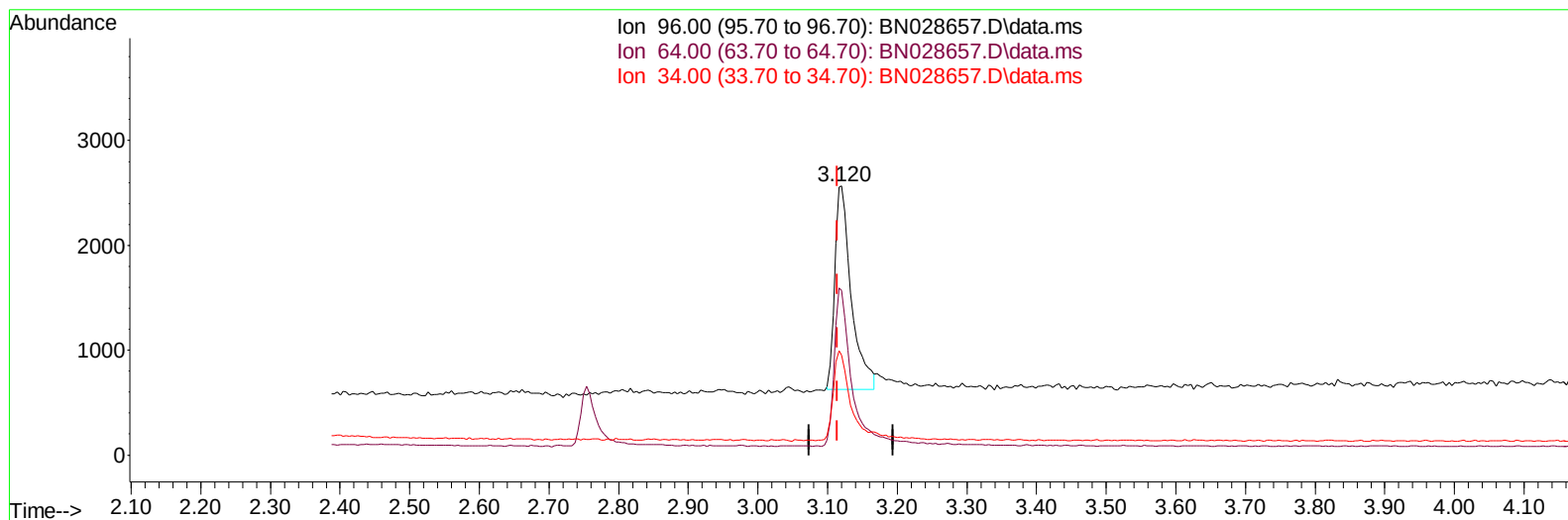
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Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.120min (+ 0.006) 0.53 ng/ul m

response 3183

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	61.21
34.00	38.60	37.04
0.00	0.00	0.00

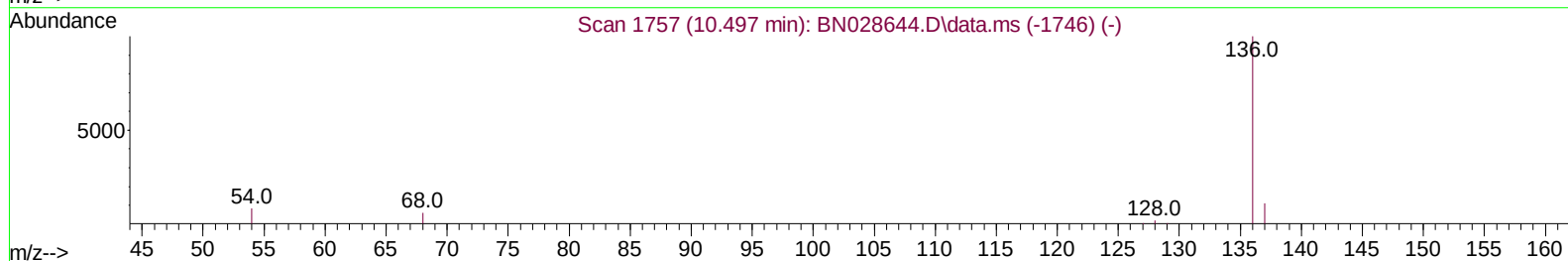
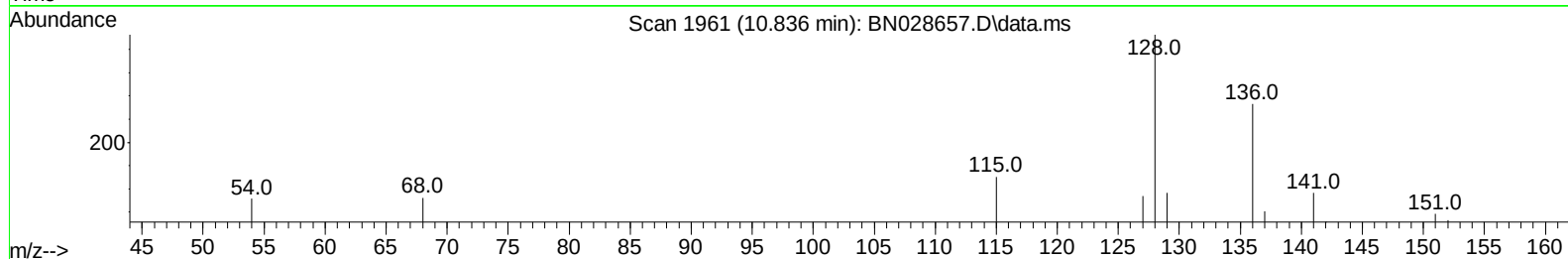
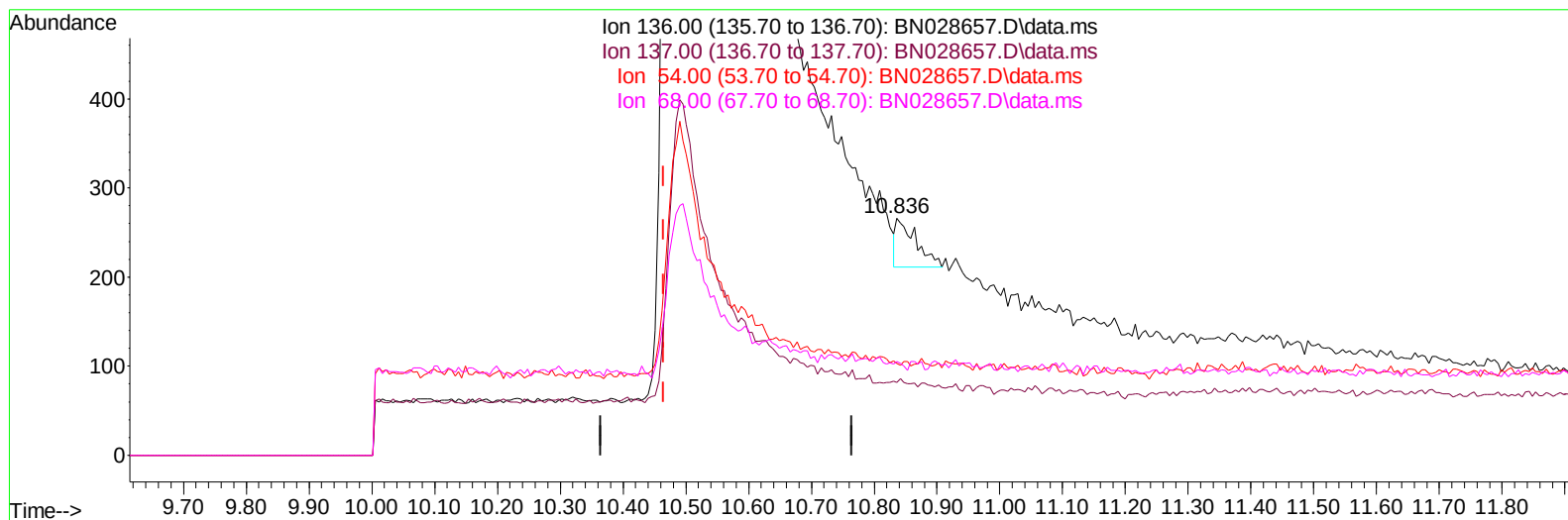
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Data File : BN028657.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(4) Naphthalene-d8 (I)

10.836min (+ 0.372) 0.40 ng/u1

response 121

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	30.83#
54.00	9.00	38.72#
68.00	7.10	39.47#

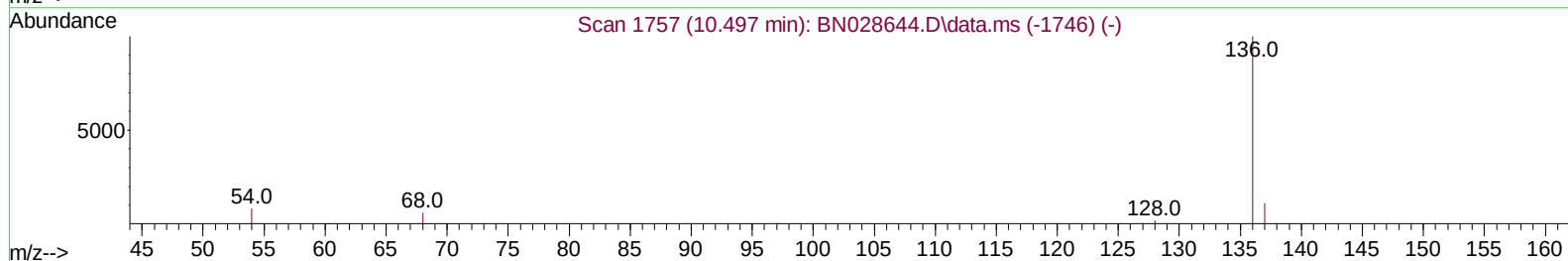
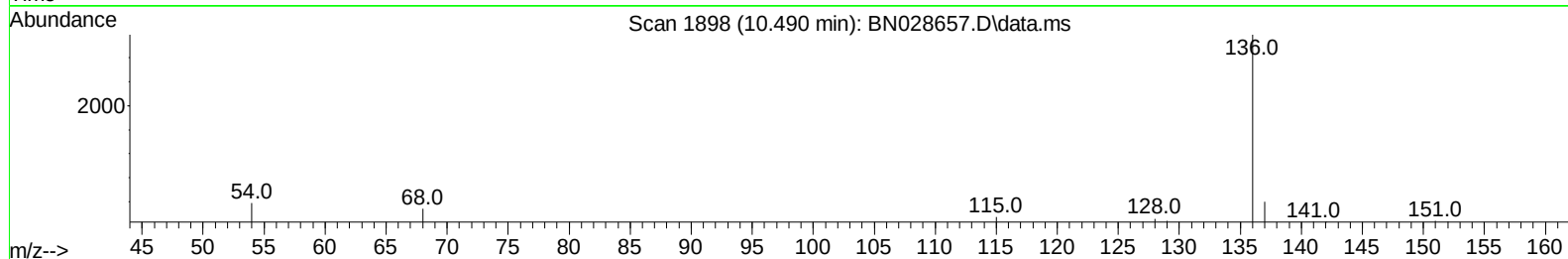
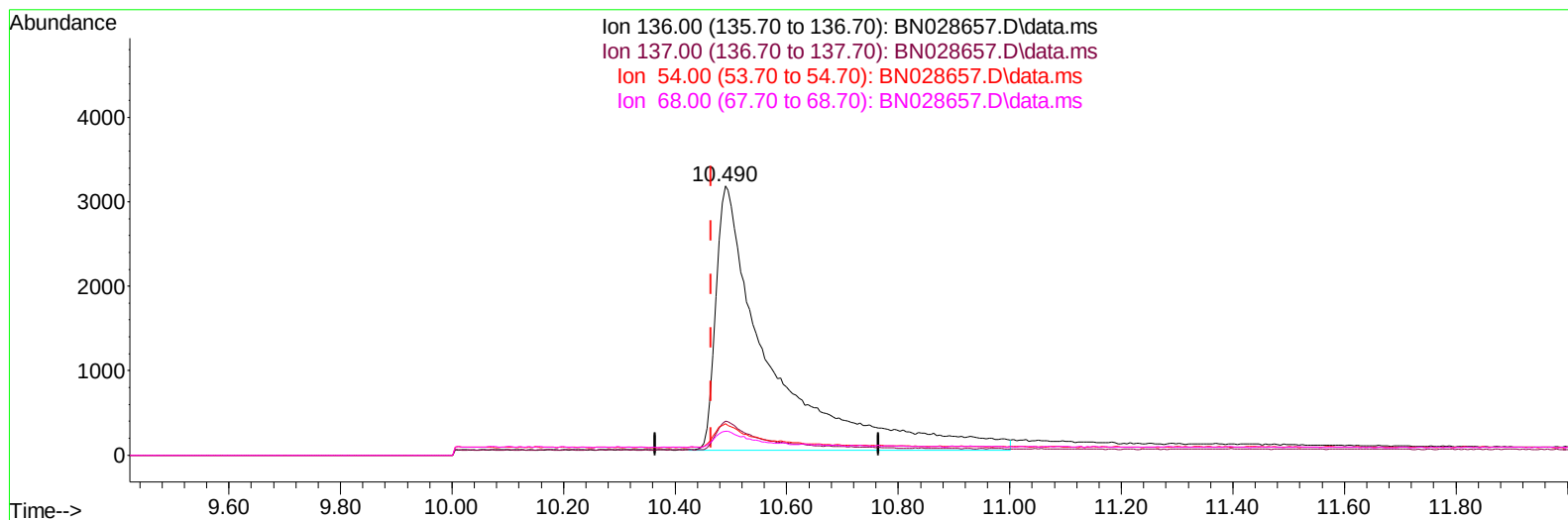
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Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/17/2023
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TIC: BN028657.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (+ 0.025) 0.40 ng/ul m

response 21105

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.53
54.00	9.00	11.77#
68.00	7.10	8.79#

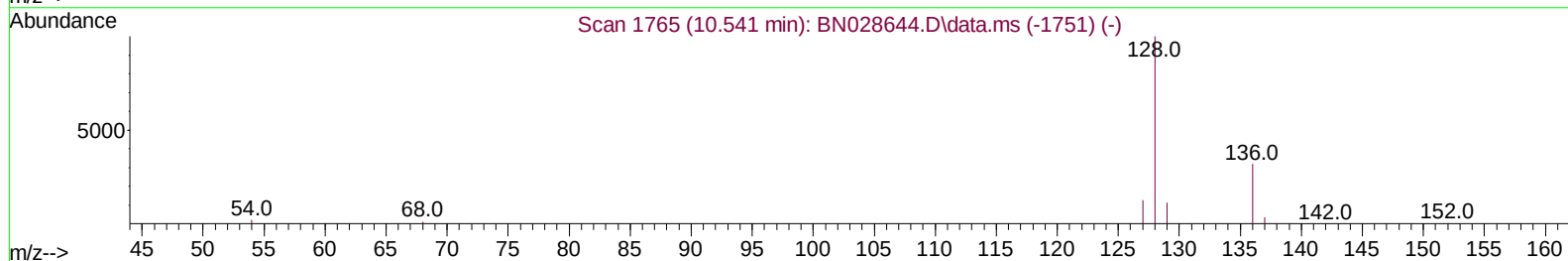
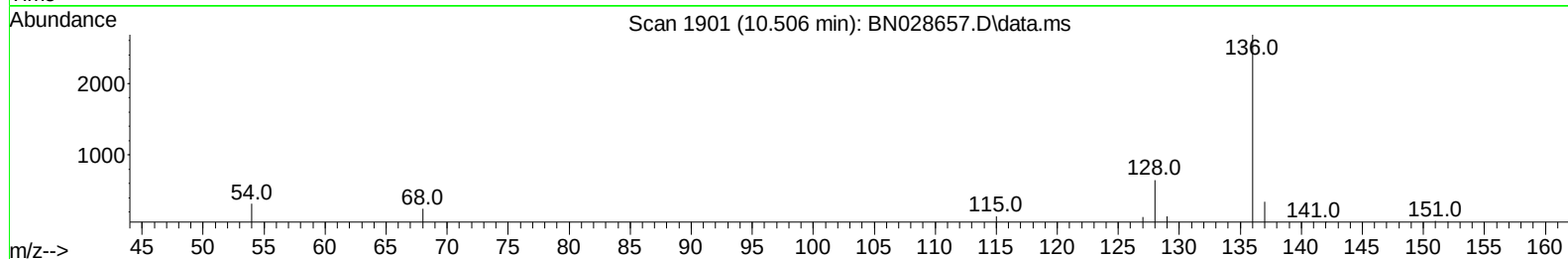
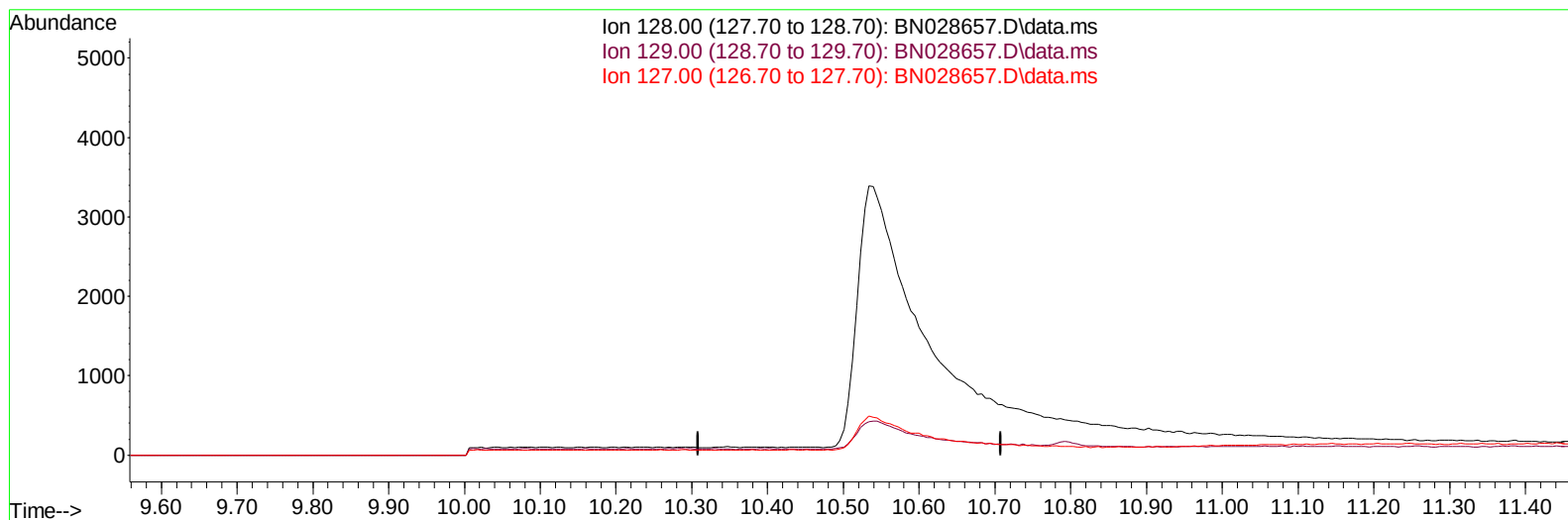
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 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(5) Naphthalene

10.508min (-10.508) 0.00 ng/ul

response 0

Ion	Exp%	Act%
128.00	100.00	0.00
129.00	11.50	0.00#
127.00	13.40	0.00#
0.00	0.00	0.00

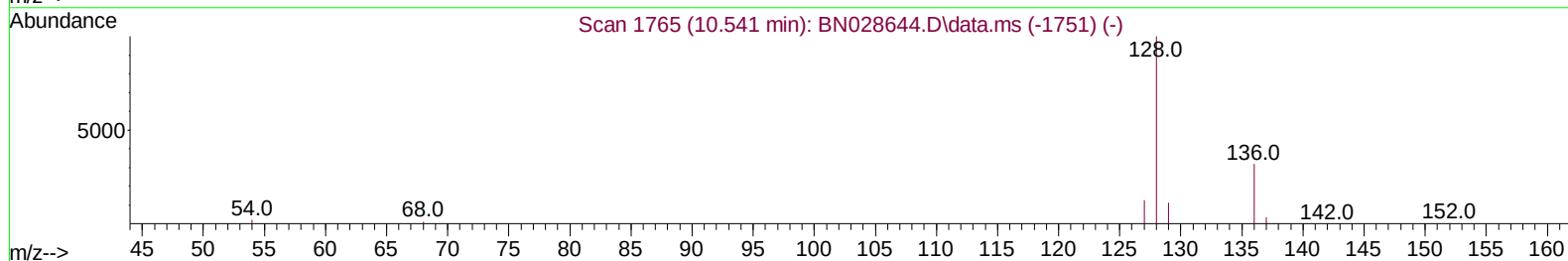
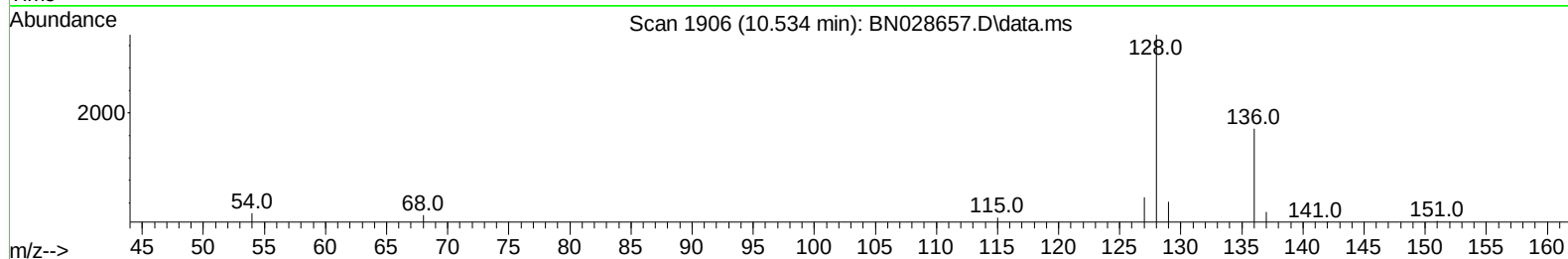
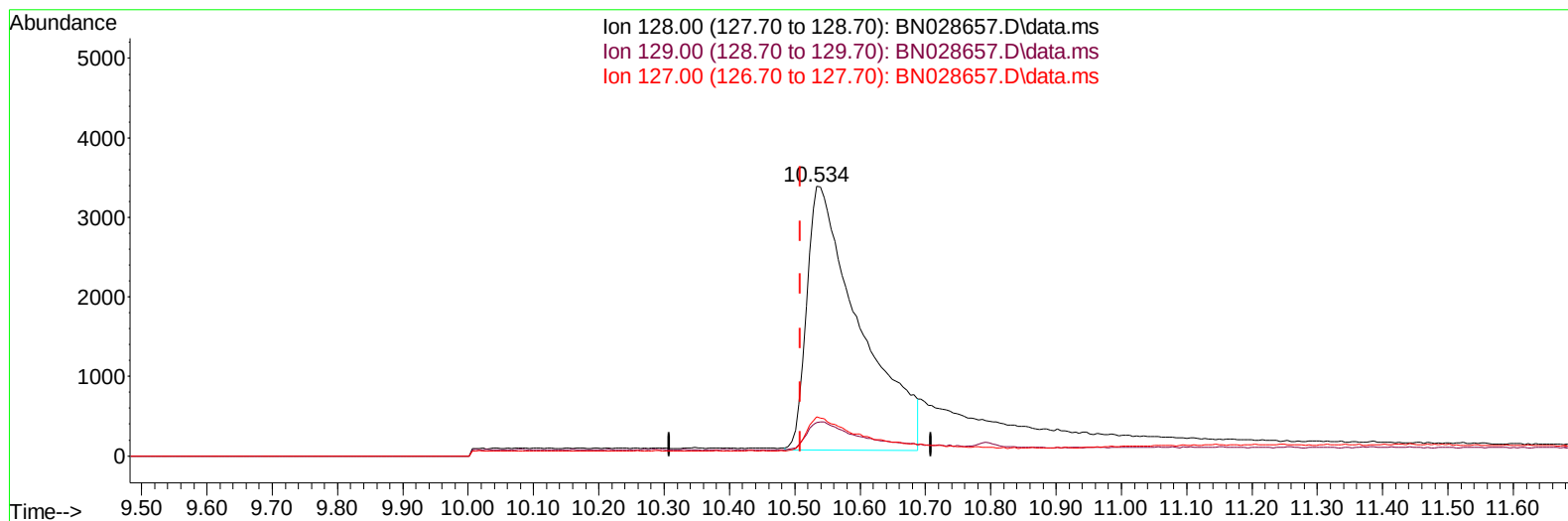
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 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(5) Naphthalene

10.534min (+ 0.025) 0.32 ng/ul m

response 18657

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.50	12.34
127.00	13.40	14.61
0.00	0.00	0.00

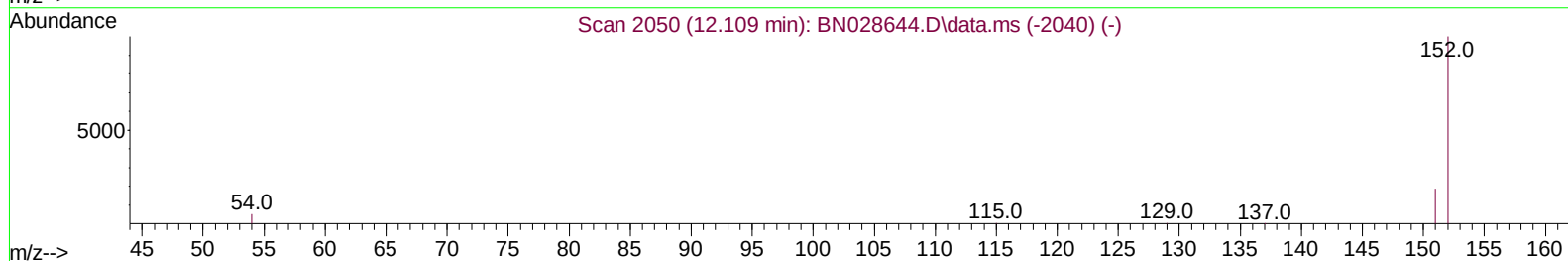
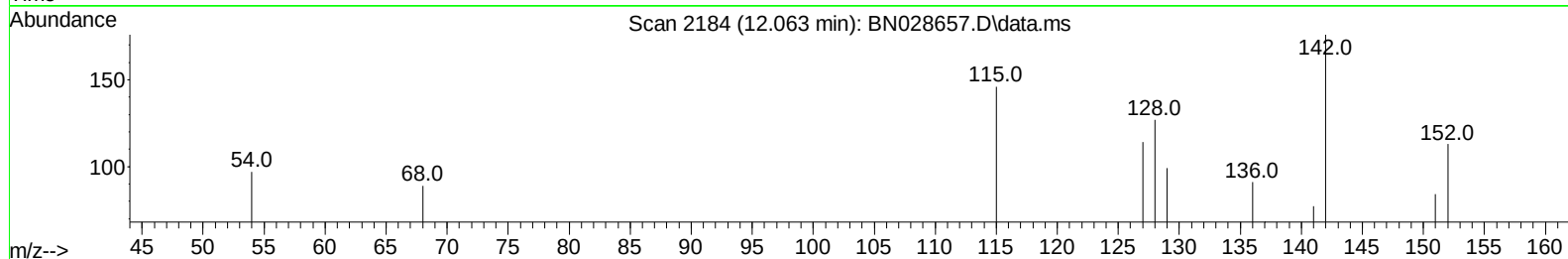
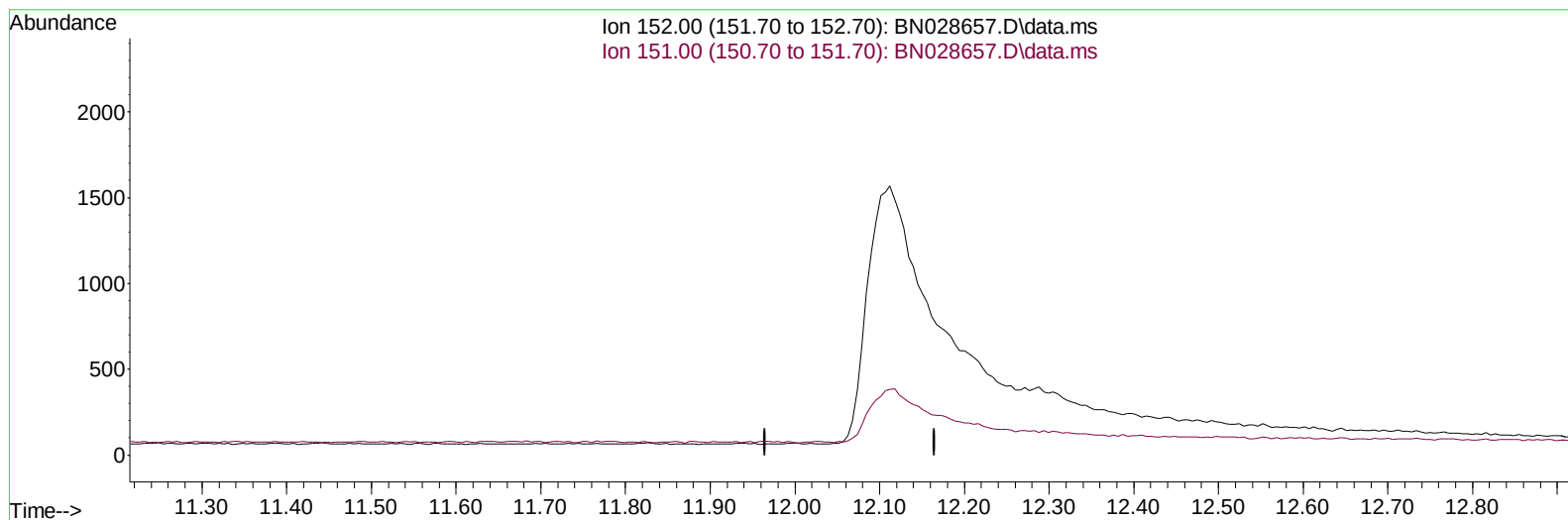
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TIC: BN028657.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.065min (-12.065) 0.00 ng/ul

response 0

Ion	Exp%	Act%
152.00	100.00	0.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

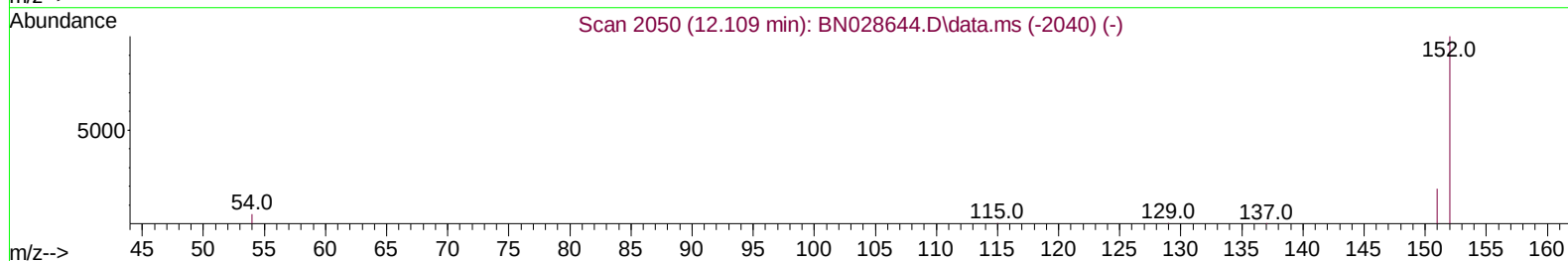
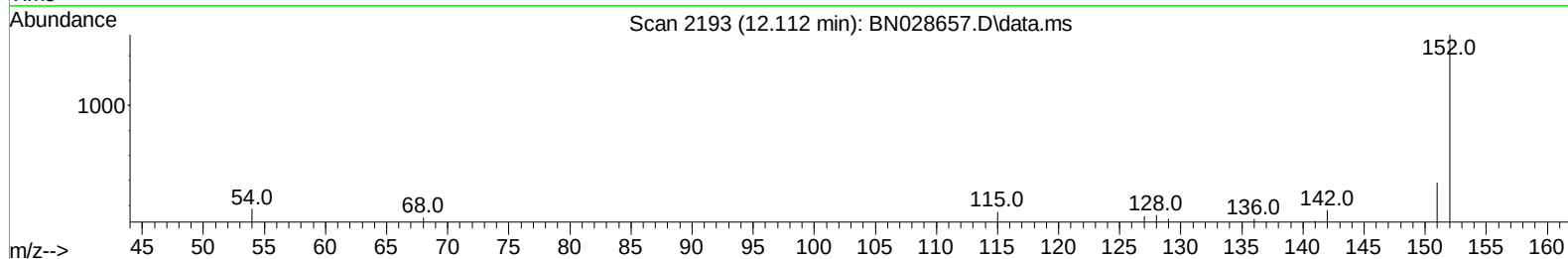
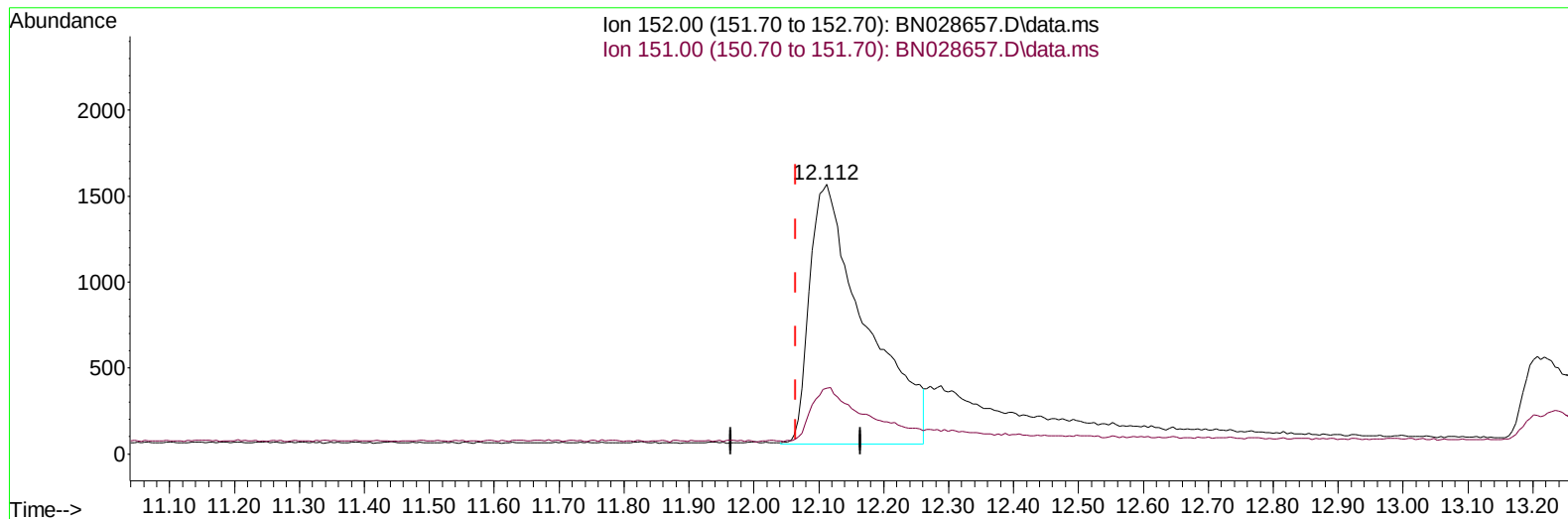
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028657.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.112min (+ 0.047) 0.28 ng/ul m

response 9015

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

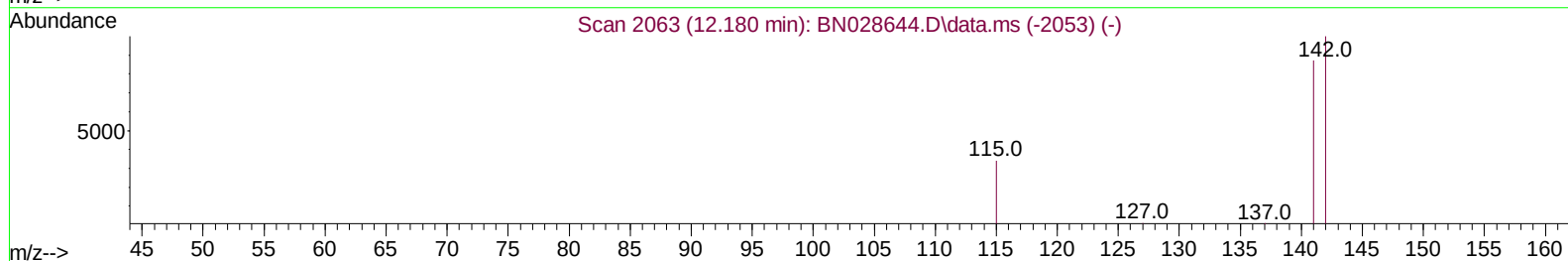
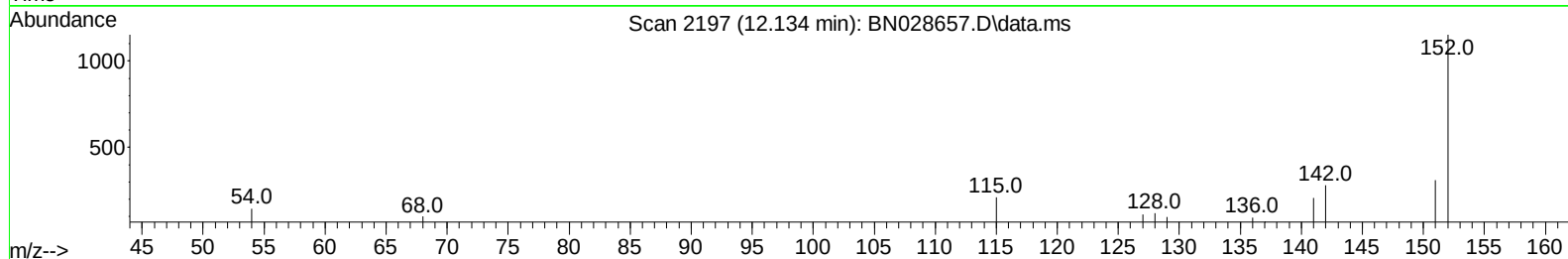
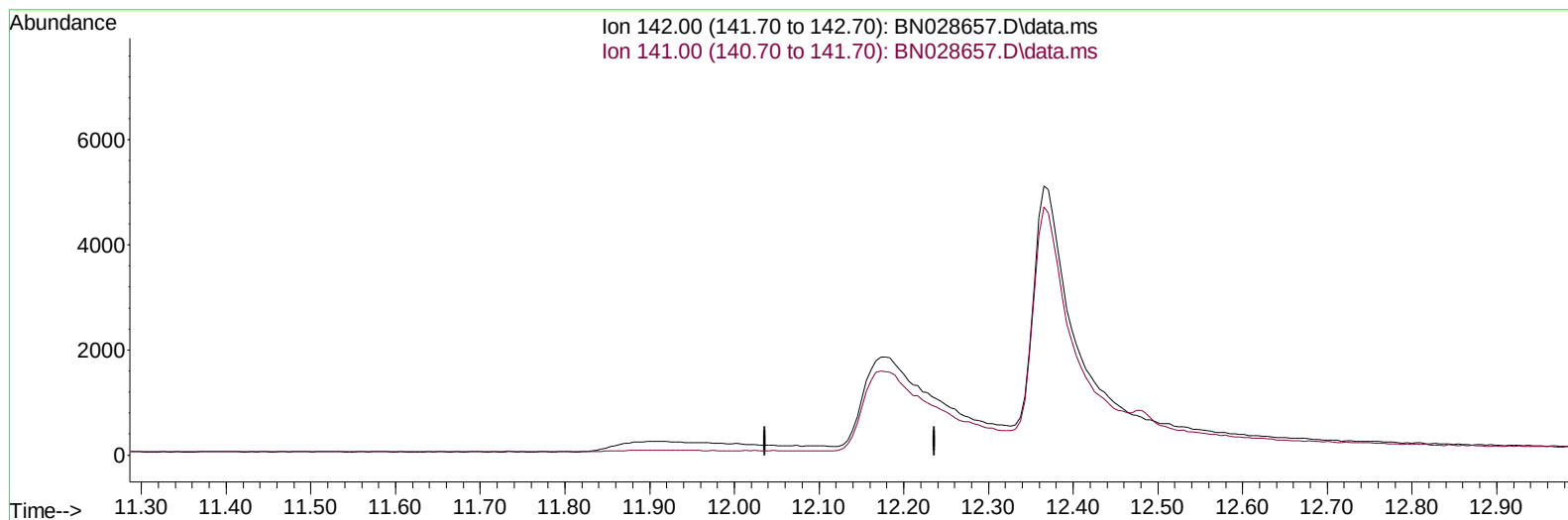
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 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(7) 2-Methylnaphthalene

12.136min (-12.136) 0.00 ng/ul

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
141.00	88.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

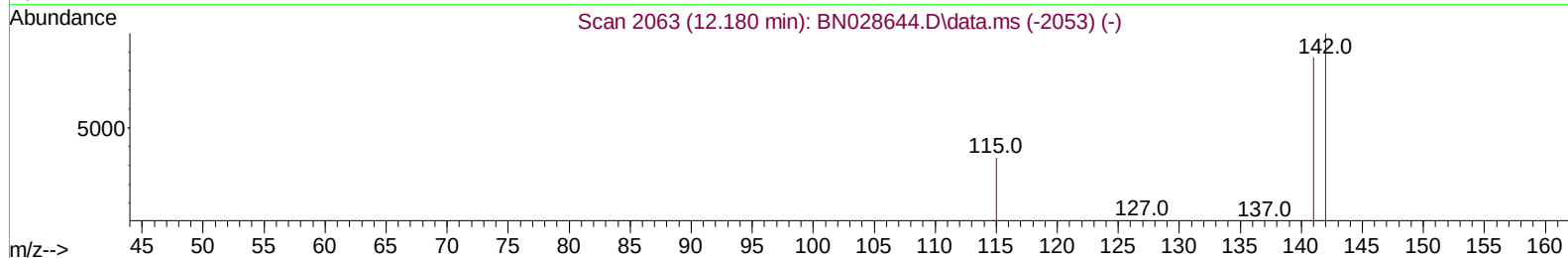
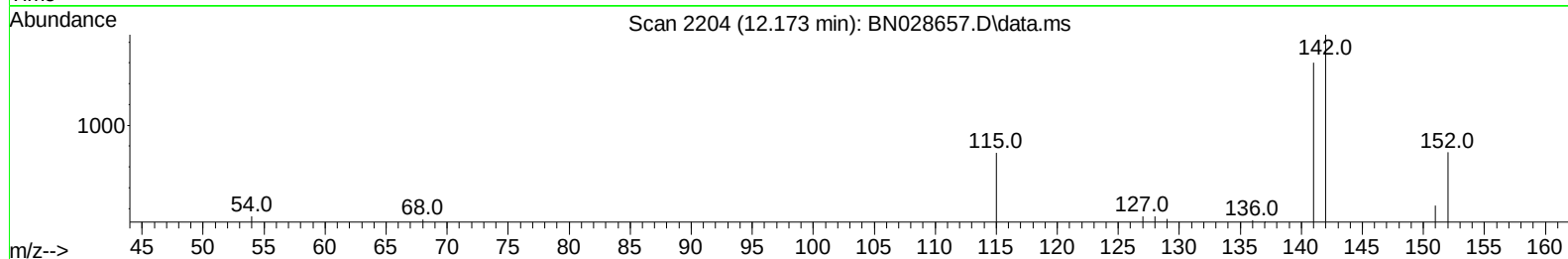
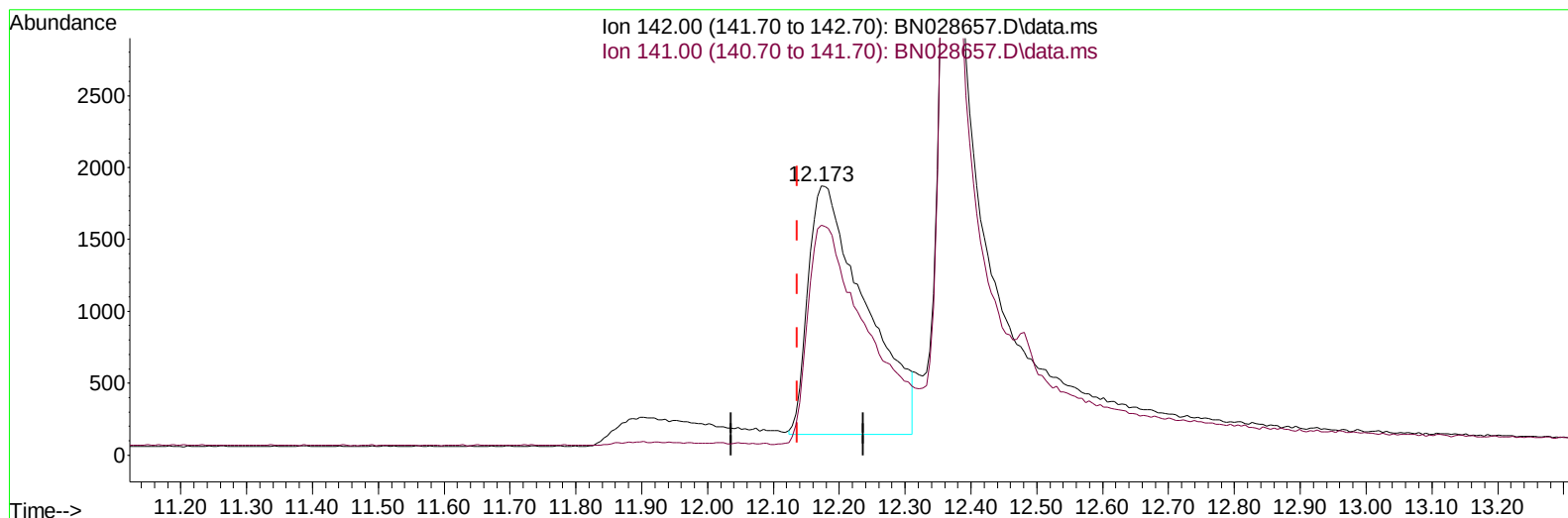
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Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(7) 2-Methylnaphthalene

12.173min (+ 0.036) 0.27 ng/ul m

response 10441

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

LabSampleId :

SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023

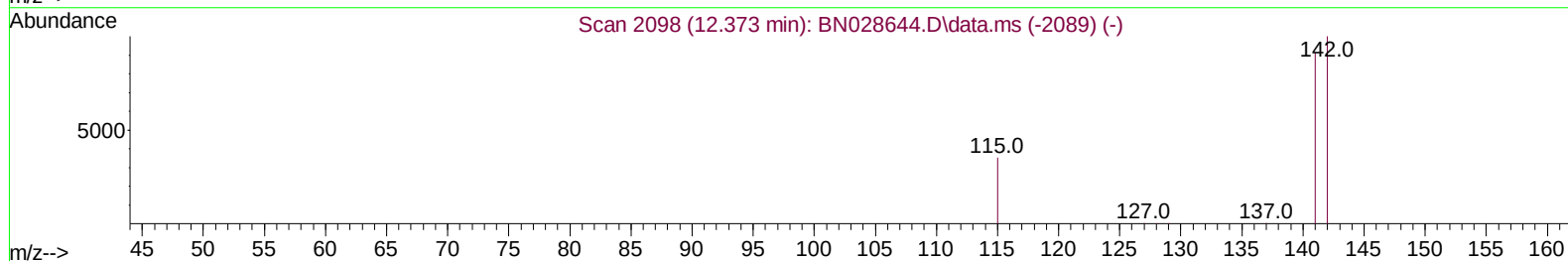
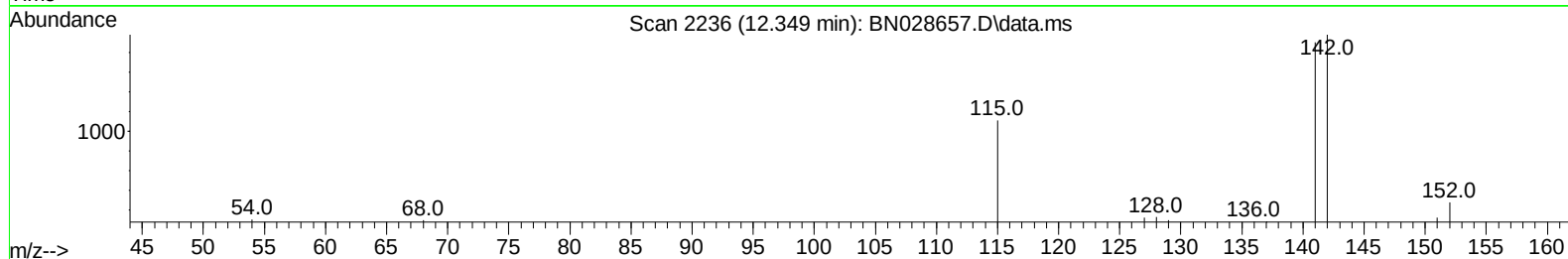
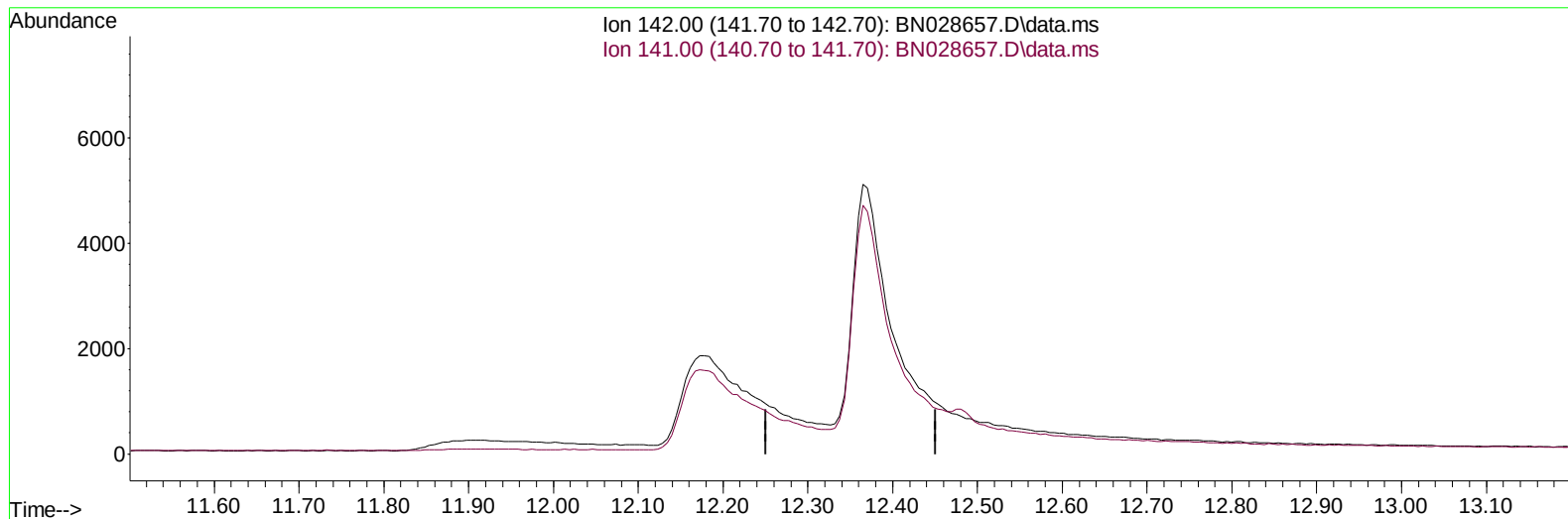
Quant Time: Nov 16 14:09:56 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 16 07:25:53 2023

Response via : Initial Calibration



TIC: BN028657.D\data.ms

(8) 1-Methylnaphthalene

12.351min (-12.351) 0.00 ng/ul

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
141.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

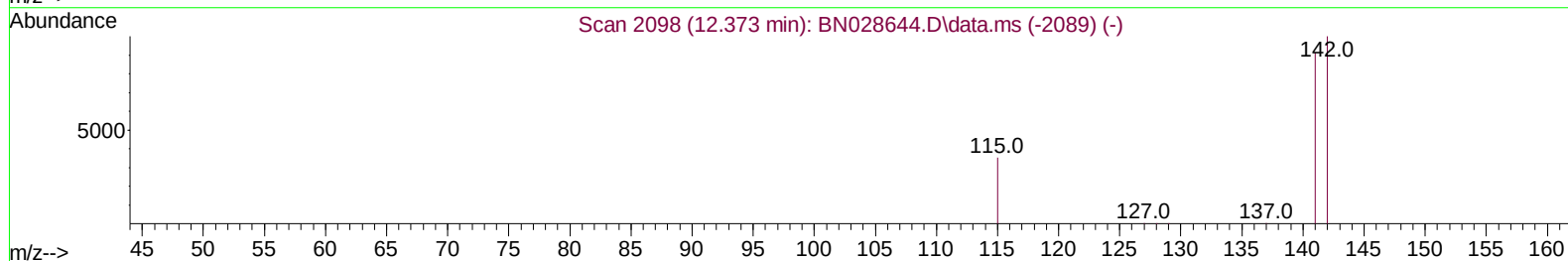
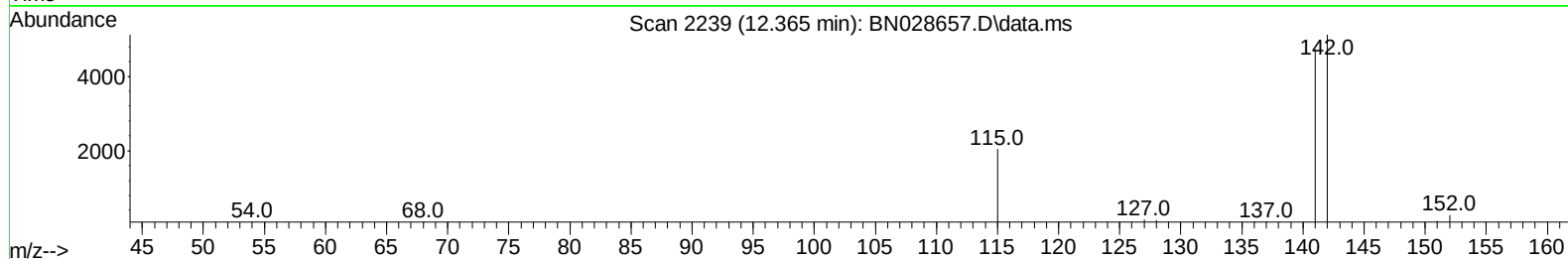
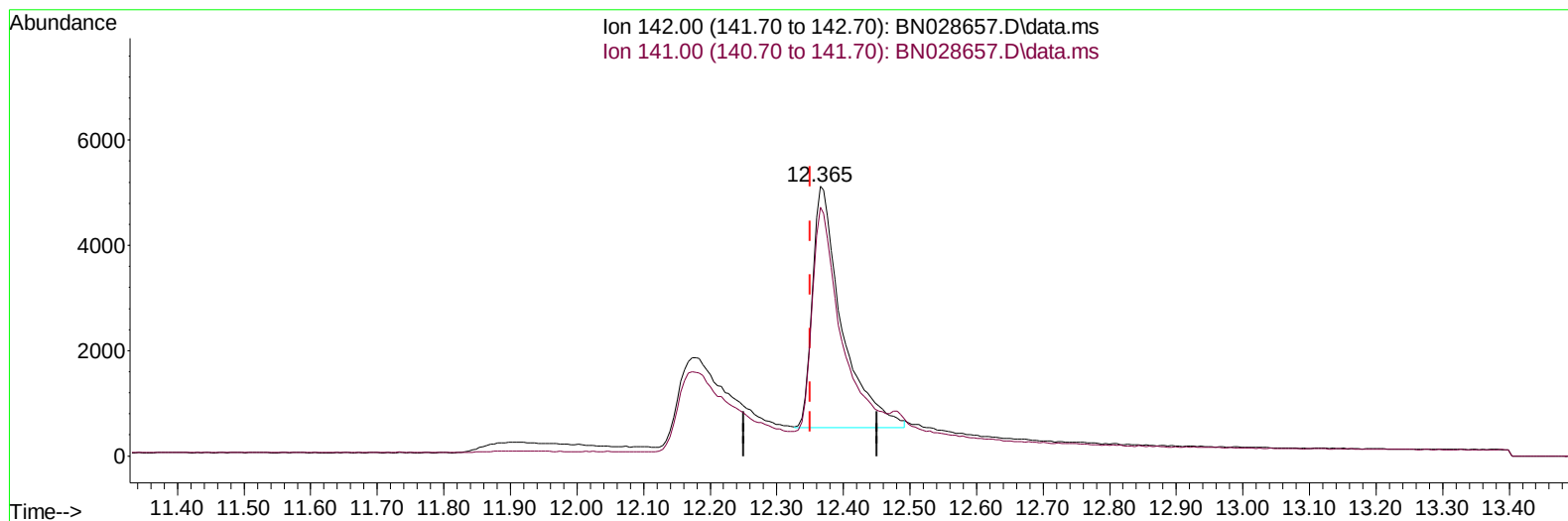
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Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(8) 1-Methylnaphthalene

12.365min (+ 0.014) 0.35 ng/ul m

response 14019

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

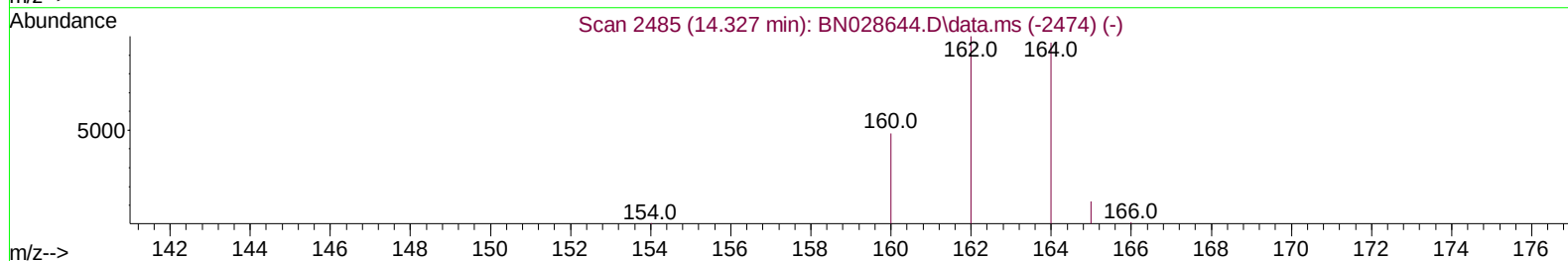
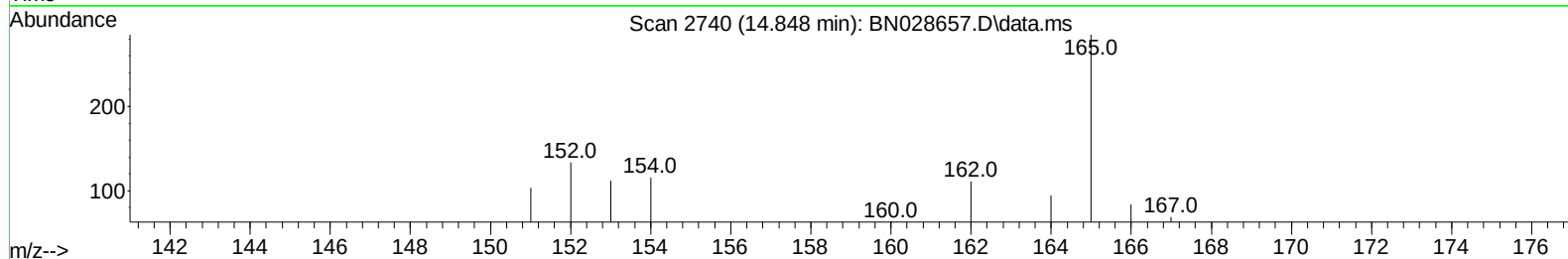
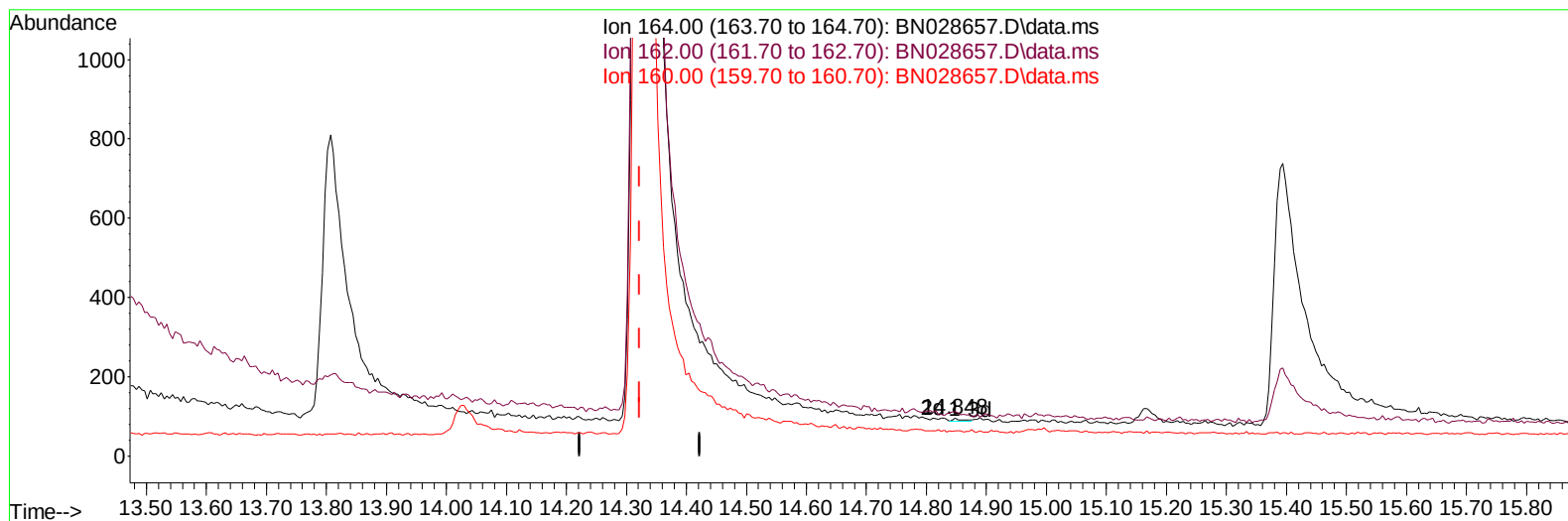
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 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(9) Acenaphthene-d10 (I)

14.848min (+ 0.525) 0.40 ng/ul

response 7

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	116.84
160.00	49.20	66.32#
0.00	0.00	0.00

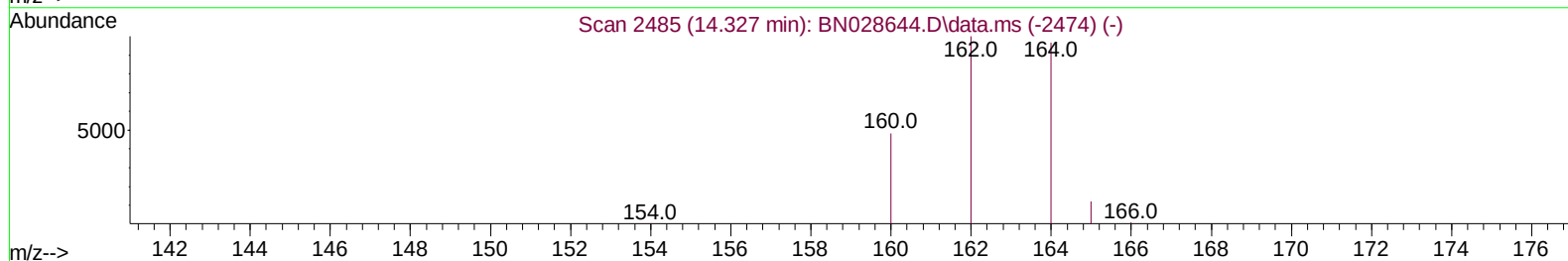
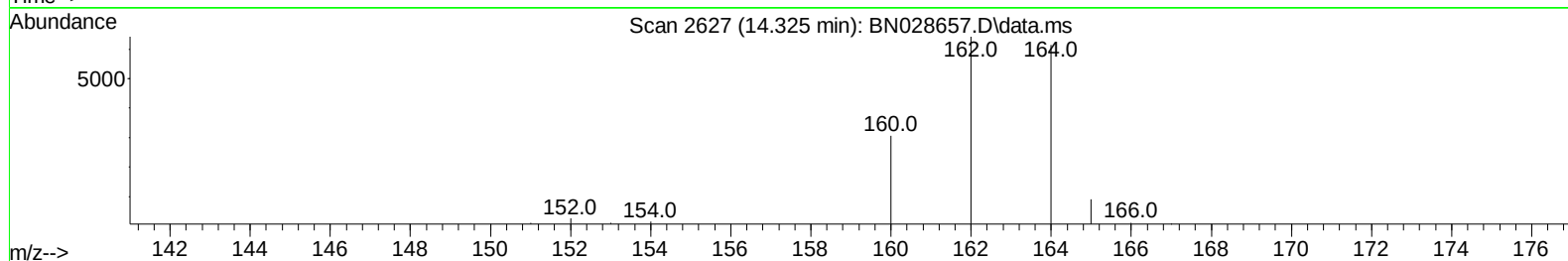
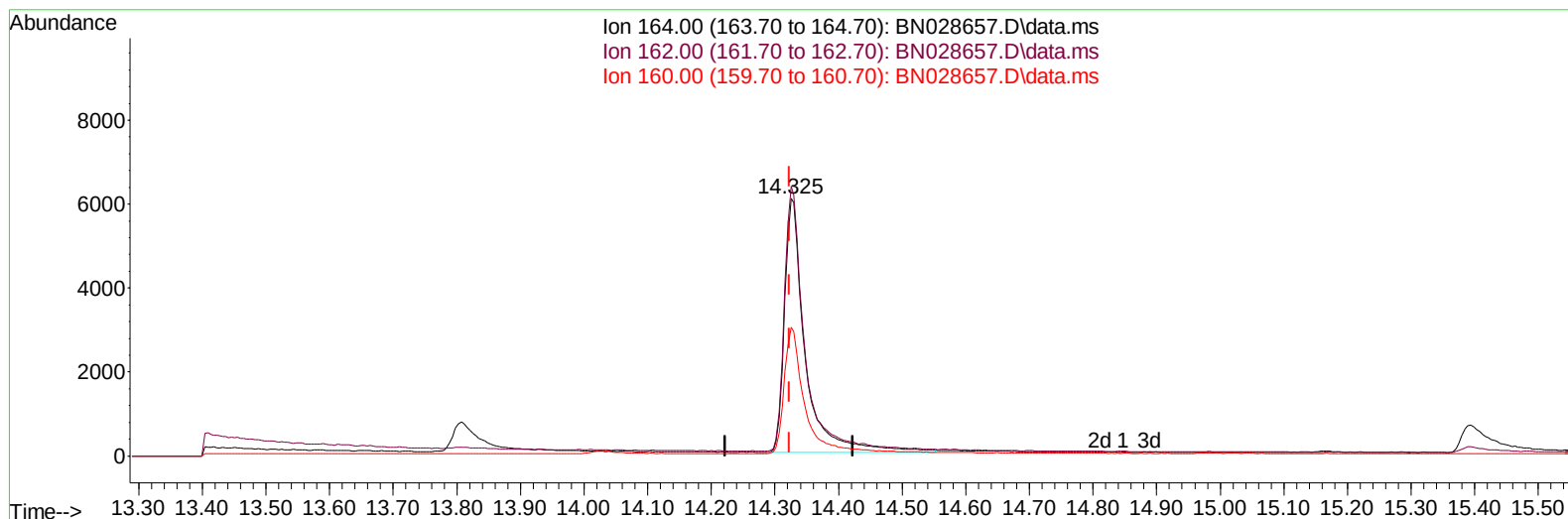
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 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
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Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(9) Acenaphthene-d10 (I)

14.325min (+ 0.002) 0.40 ng/ul m

response 13724

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.58
160.00	49.20	49.89
0.00	0.00	0.00

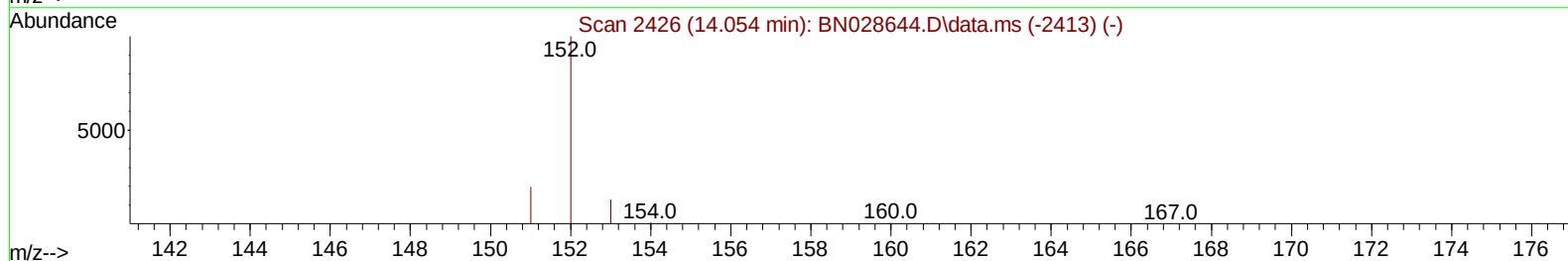
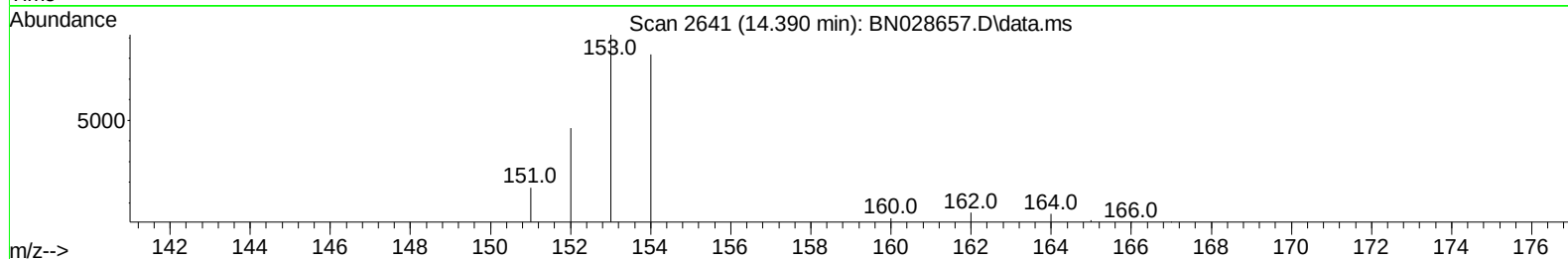
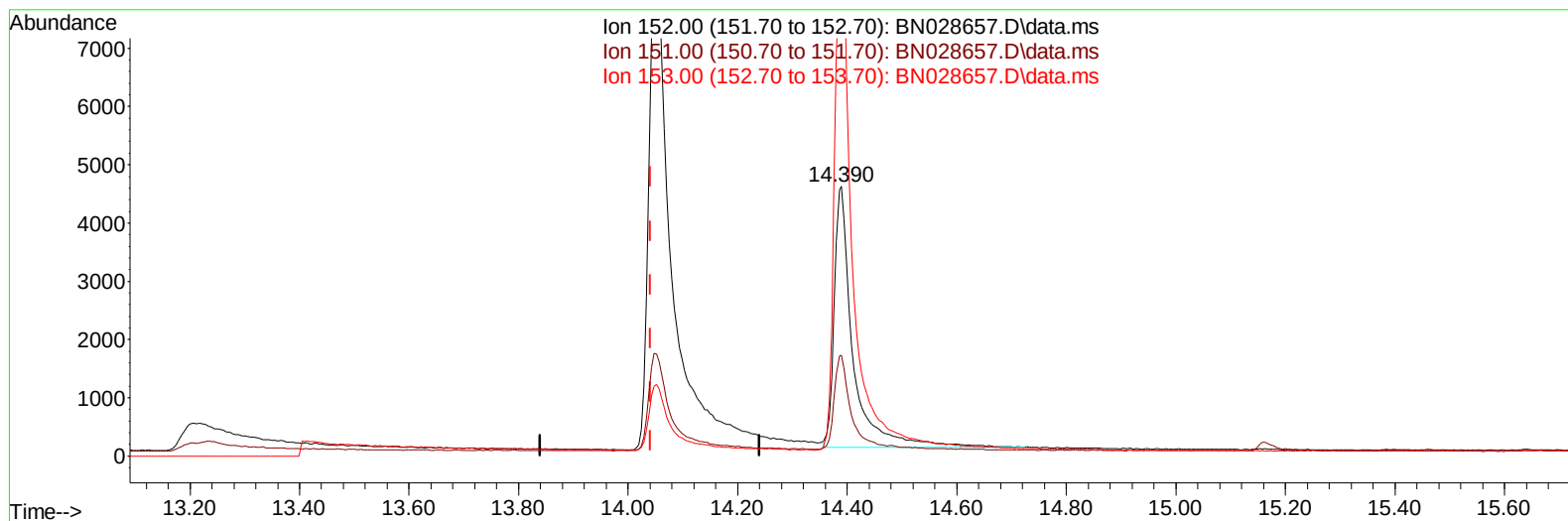
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 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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 QLast Update : Thu Nov 16 07:25:53 2023
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Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(10) Acenaphthylene

14.390min (+ 0.349) 0.16 ng/ul

response 10872

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.10	37.41#
153.00	13.20	197.60#
0.00	0.00	0.00

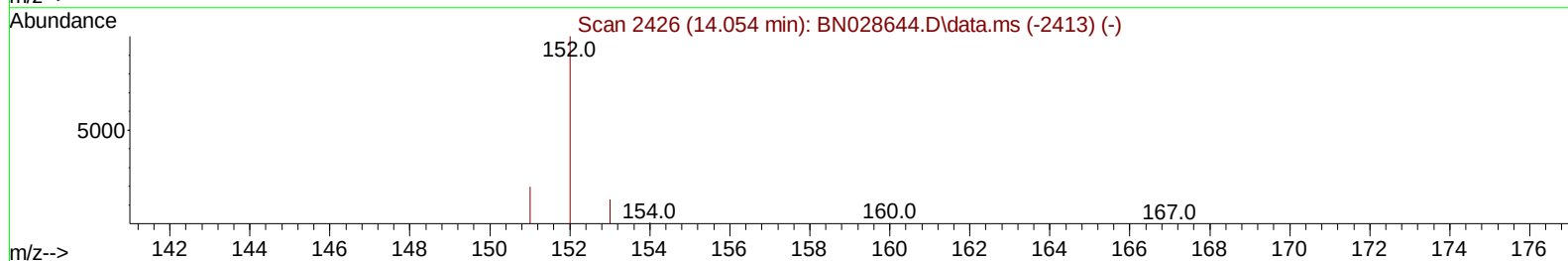
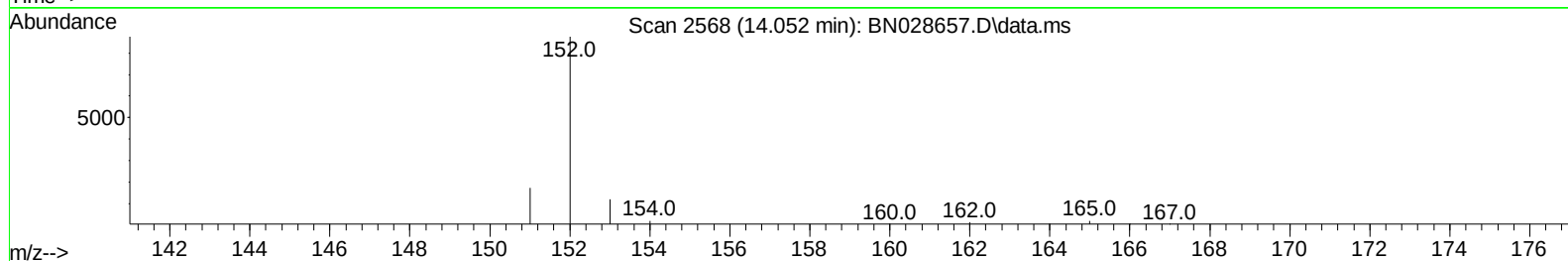
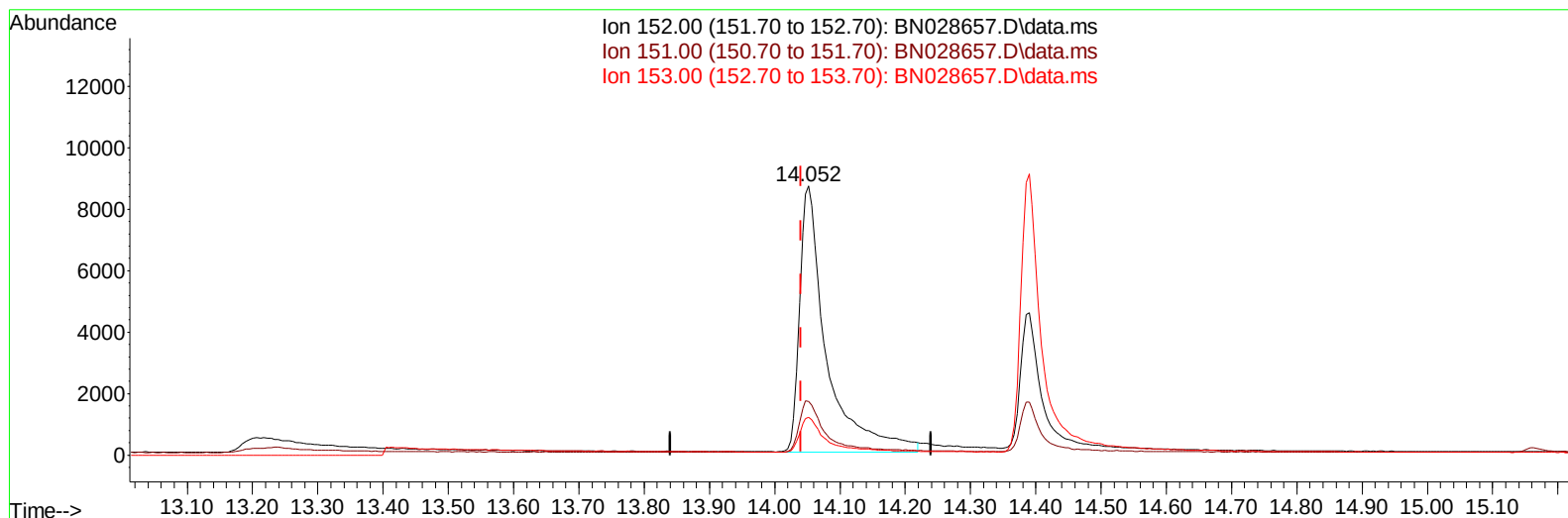
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 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(10) Acenaphthylene

14.052min (+ 0.012) 0.36 ng/ul m

response 24756

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.10	19.98
153.00	13.20	14.00
0.00	0.00	0.00

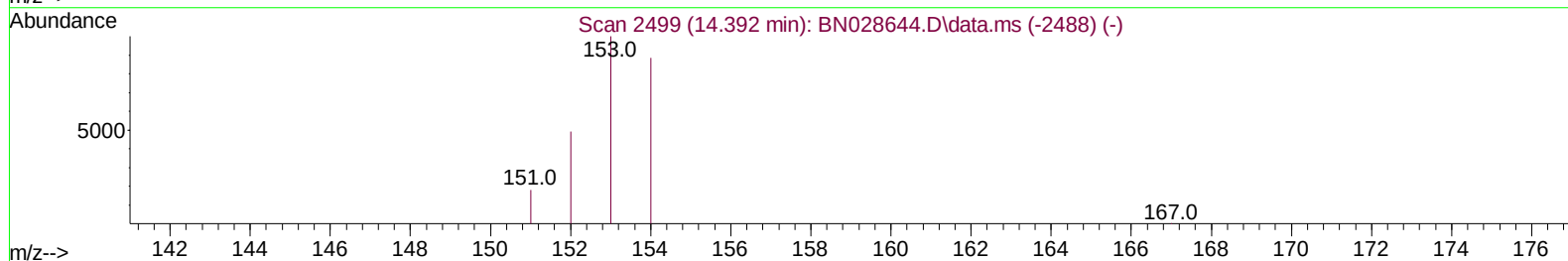
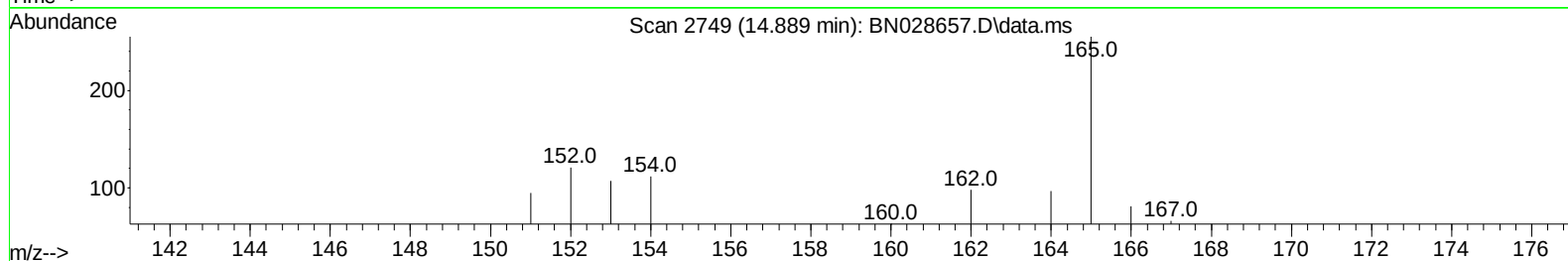
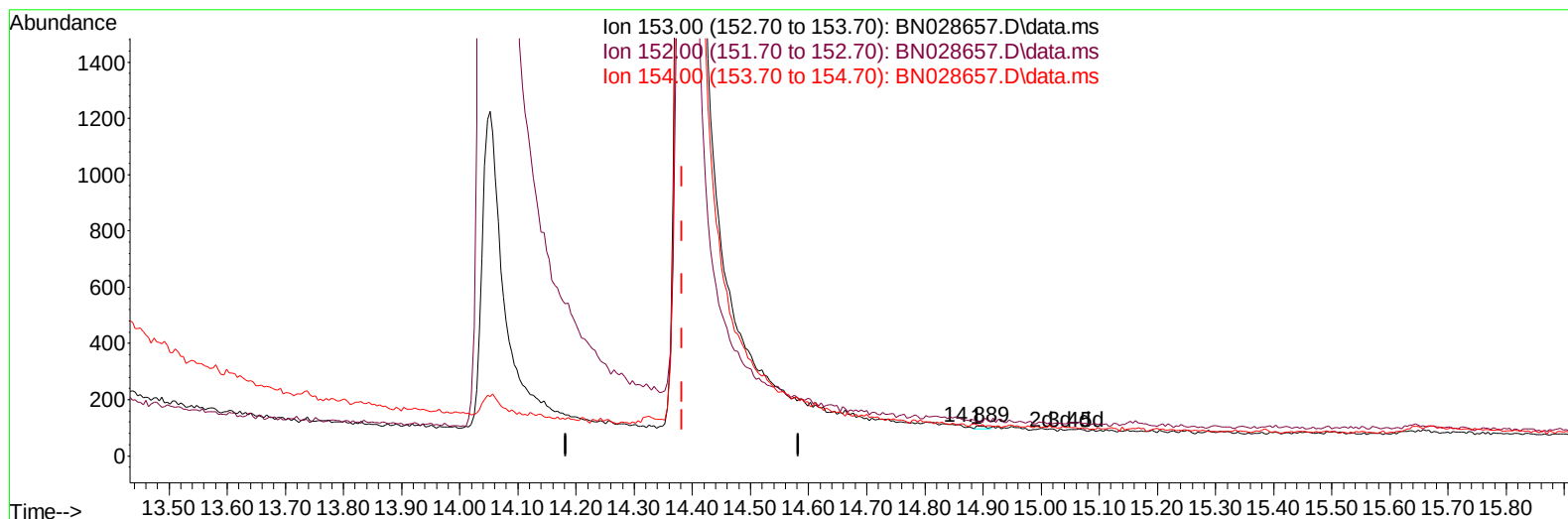
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 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(11) Acenaphthene (C)

14.889min (+ 0.507) 0.00 ng/ul

response 12

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	49.50	113.08#
154.00	88.80	104.67
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

LabSampleId :

SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M

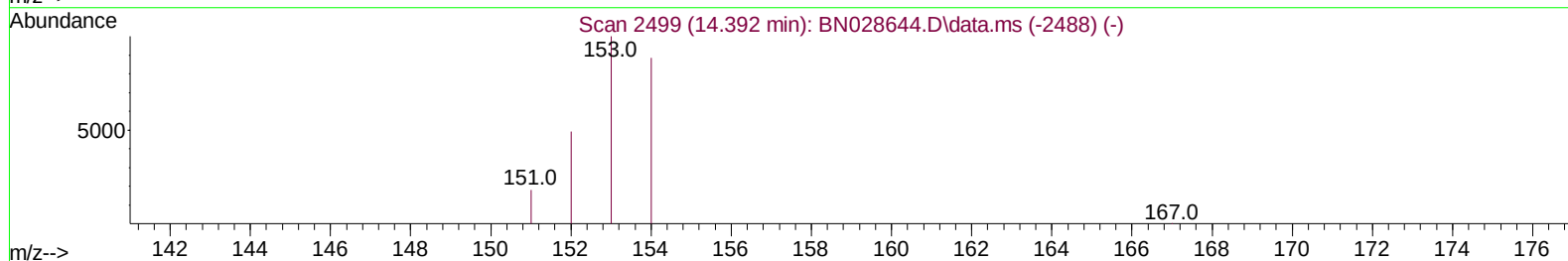
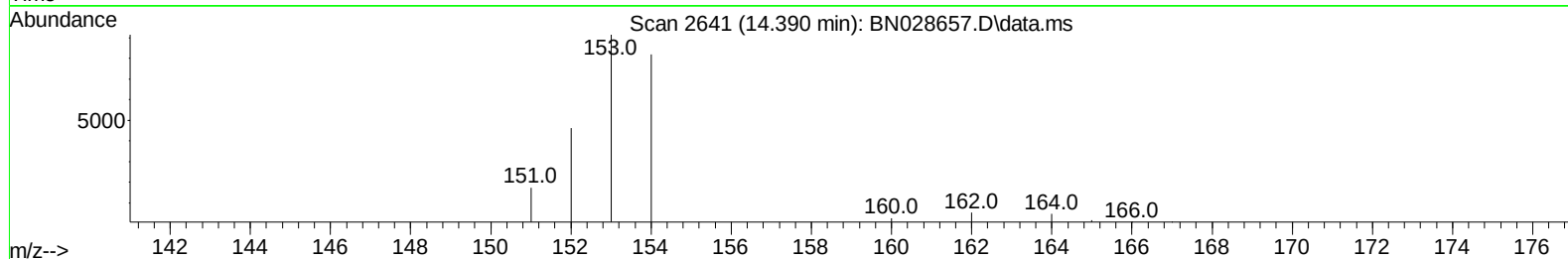
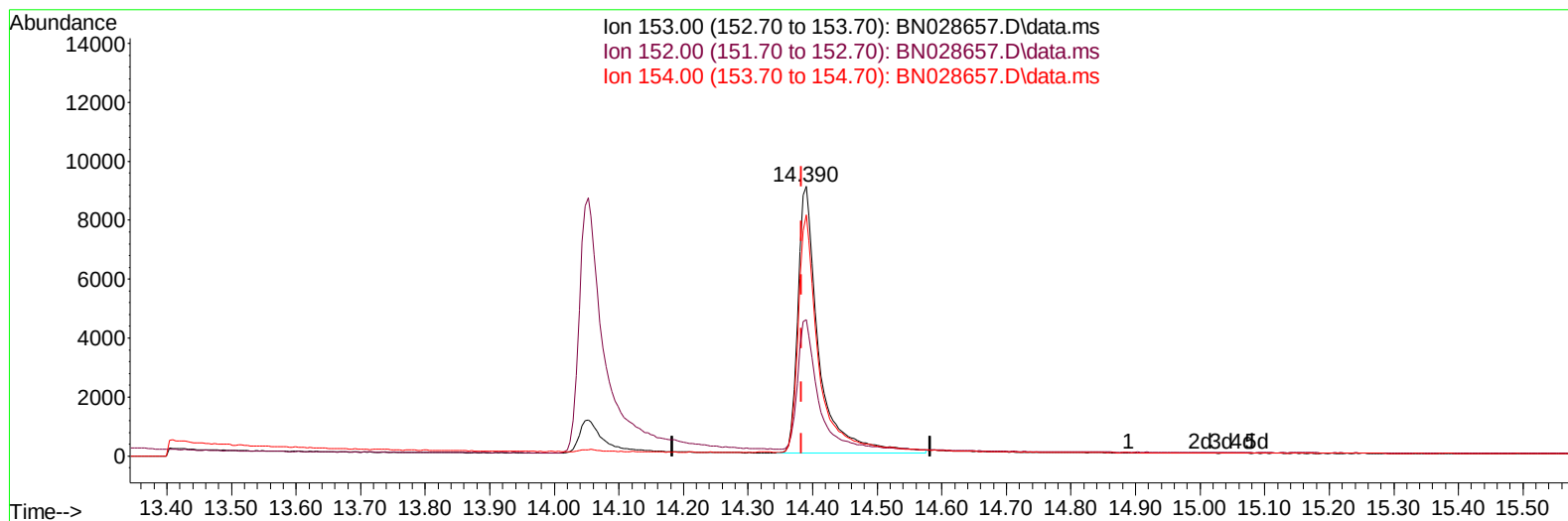
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 16 07:25:53 2023

Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(11) Acenaphthene (C)

14.390min (+ 0.007) 0.41 ng/ul m

response 20493

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	49.50	50.61
154.00	88.80	89.52
0.00	0.00	0.00

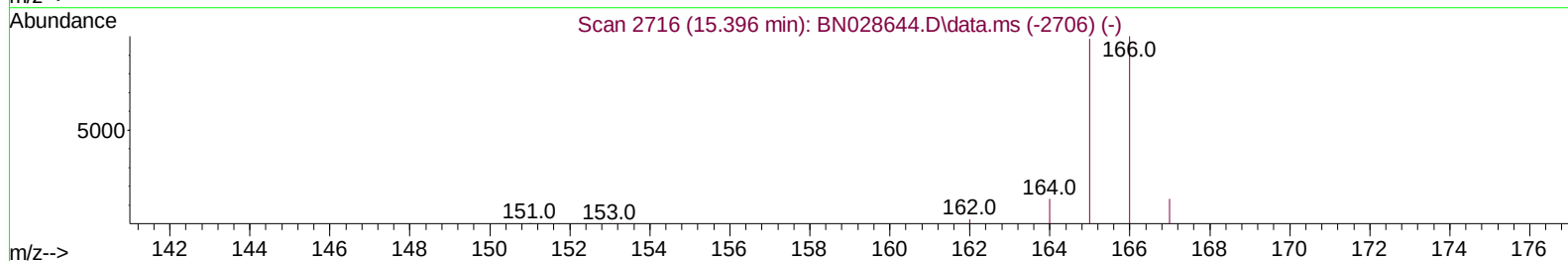
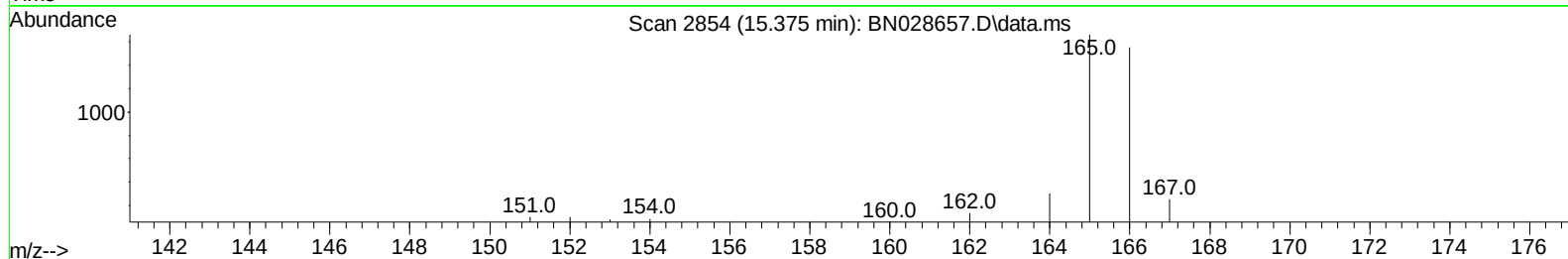
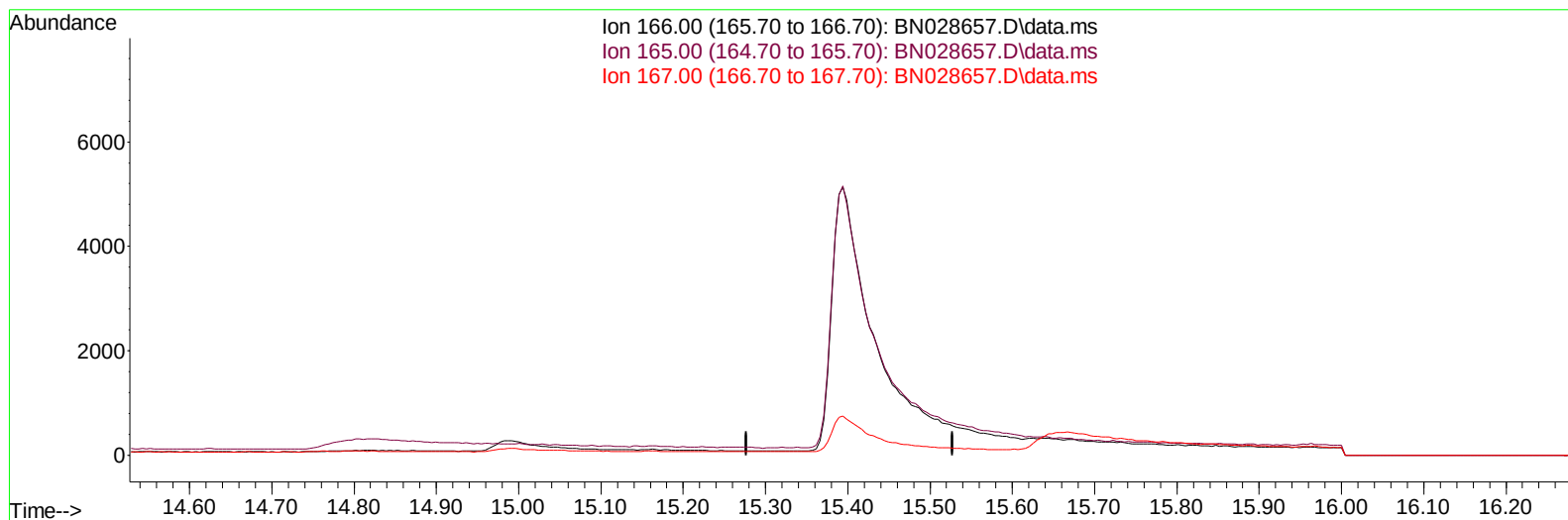
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(12) Fluorene

15.377min (-15.377) 0.00 ng/ul

response 0

Ion	Exp%	Act%
166.00	100.00	0.00
165.00	98.30	0.00#
167.00	13.80	0.00#
0.00	0.00	0.00

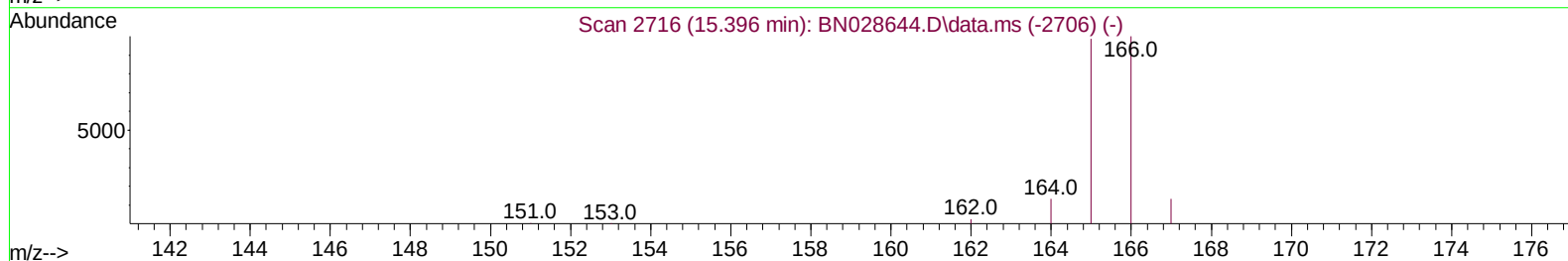
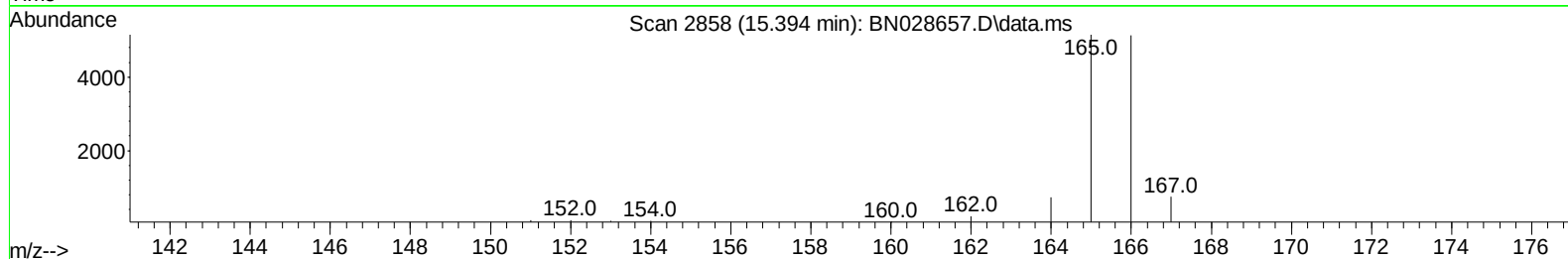
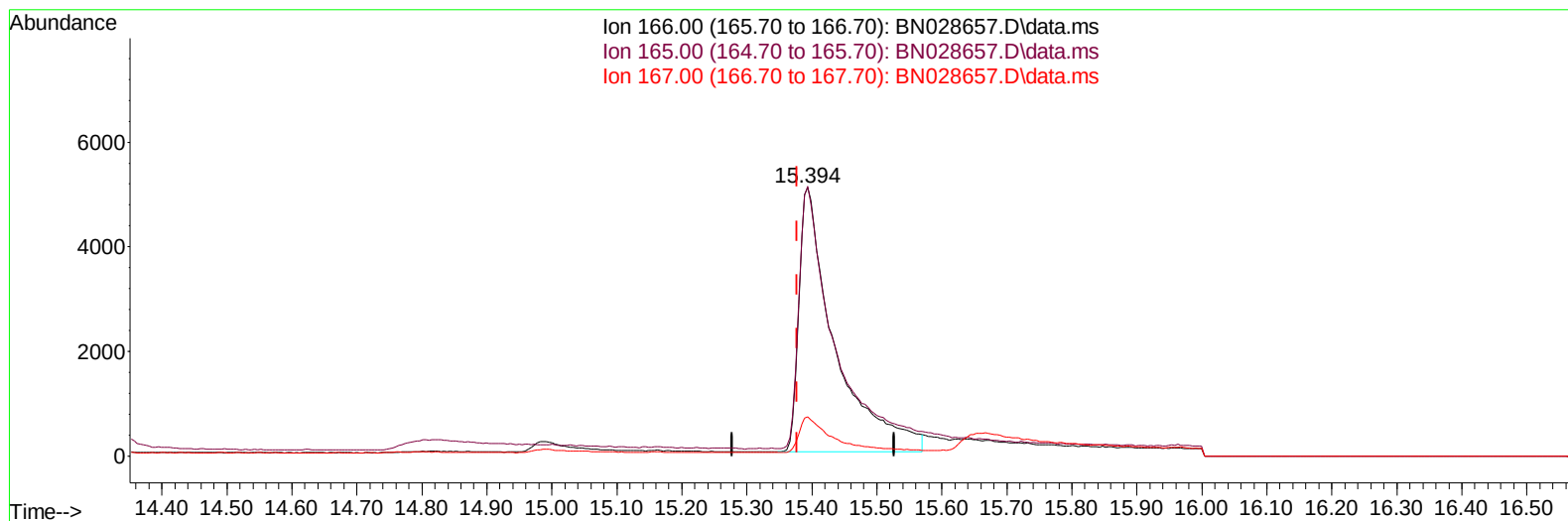
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Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
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TIC: BN028657.D\data.ms

(12) Fluorene

15.394min (+ 0.016) 0.33 ng/ul m

response 19346

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	98.30	100.35
167.00	13.80	14.49
0.00	0.00	0.00

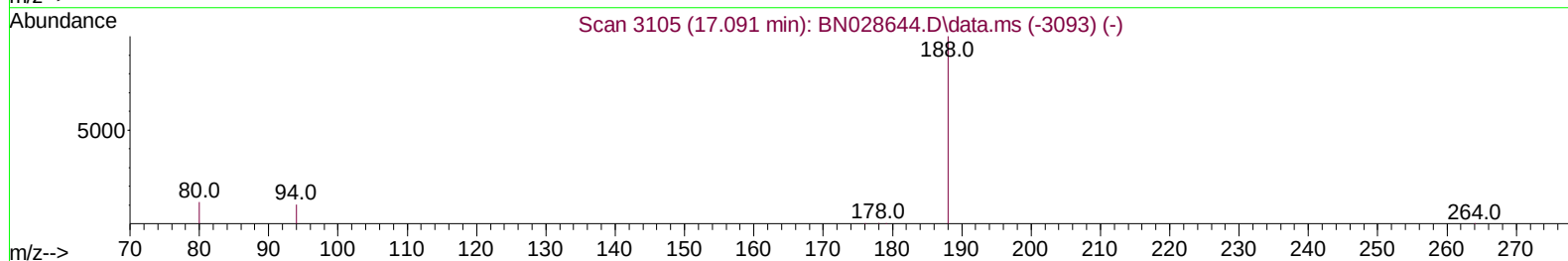
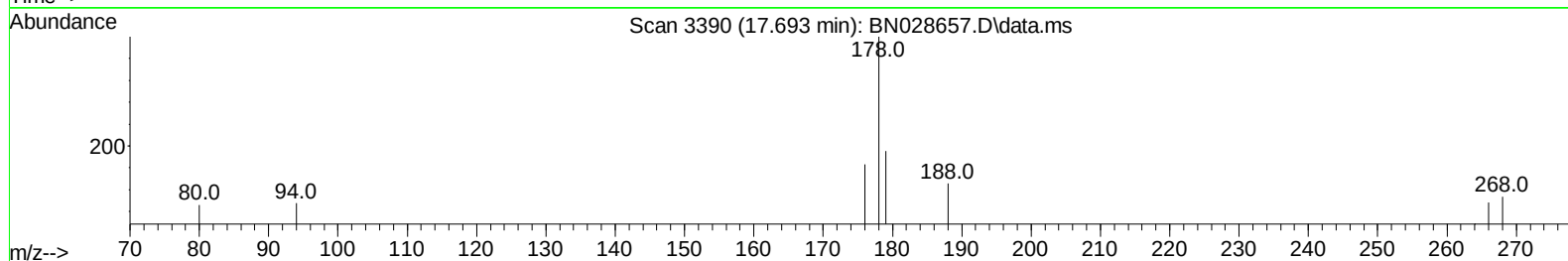
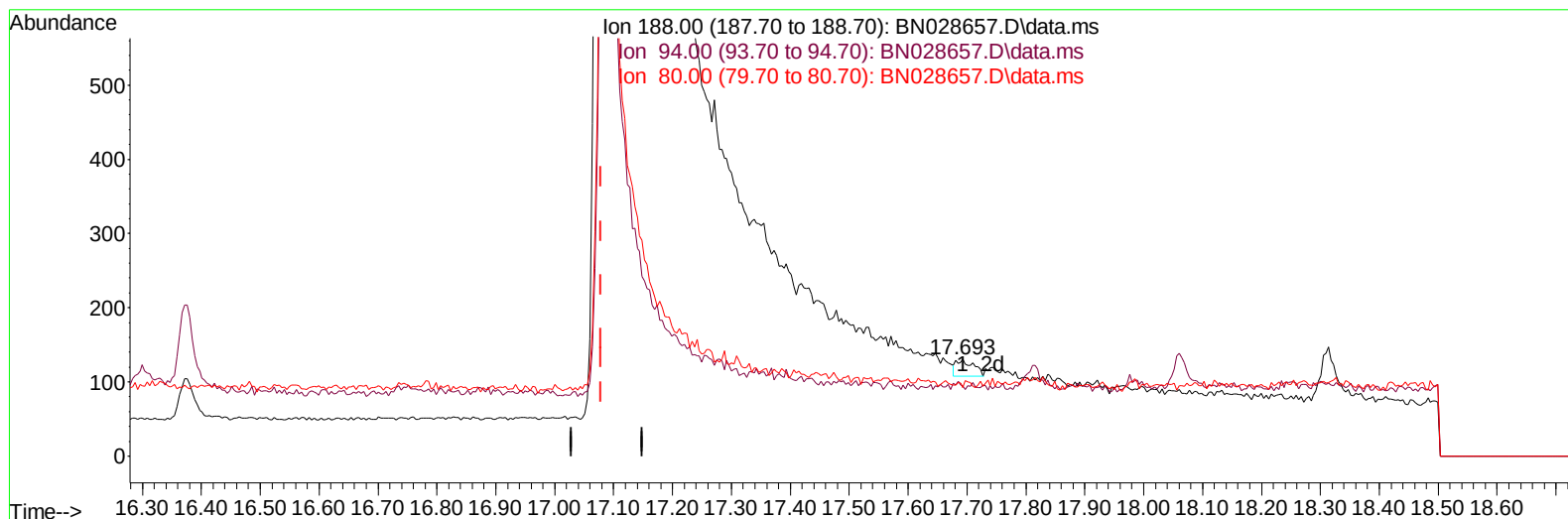
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Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(13) Phenanthrene-d10 (I)

17.693min (+ 0.614) 0.40 ng/u1

response 45

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	72.52#
80.00	10.90	70.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

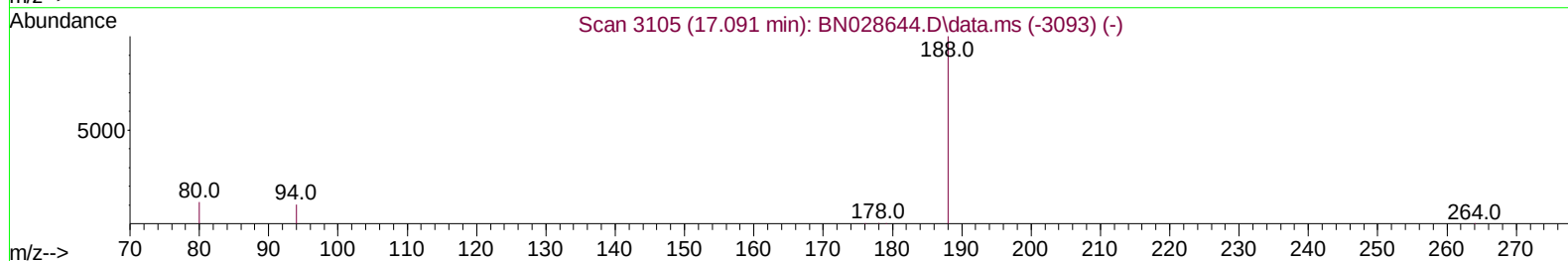
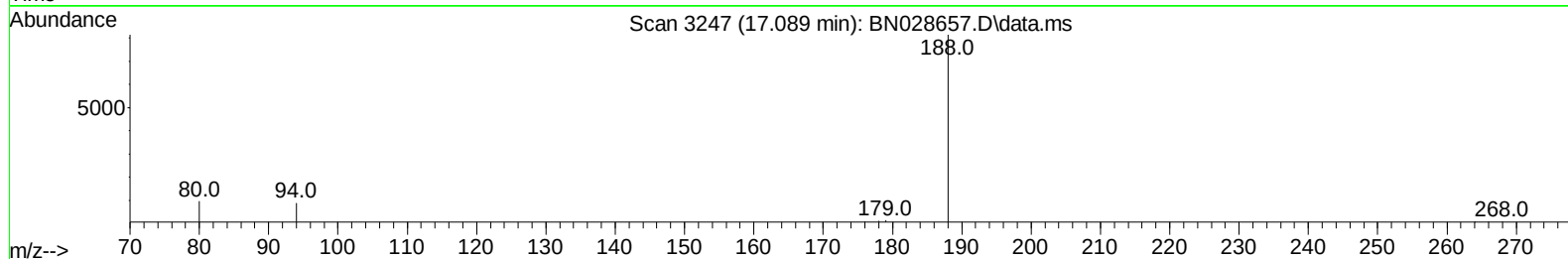
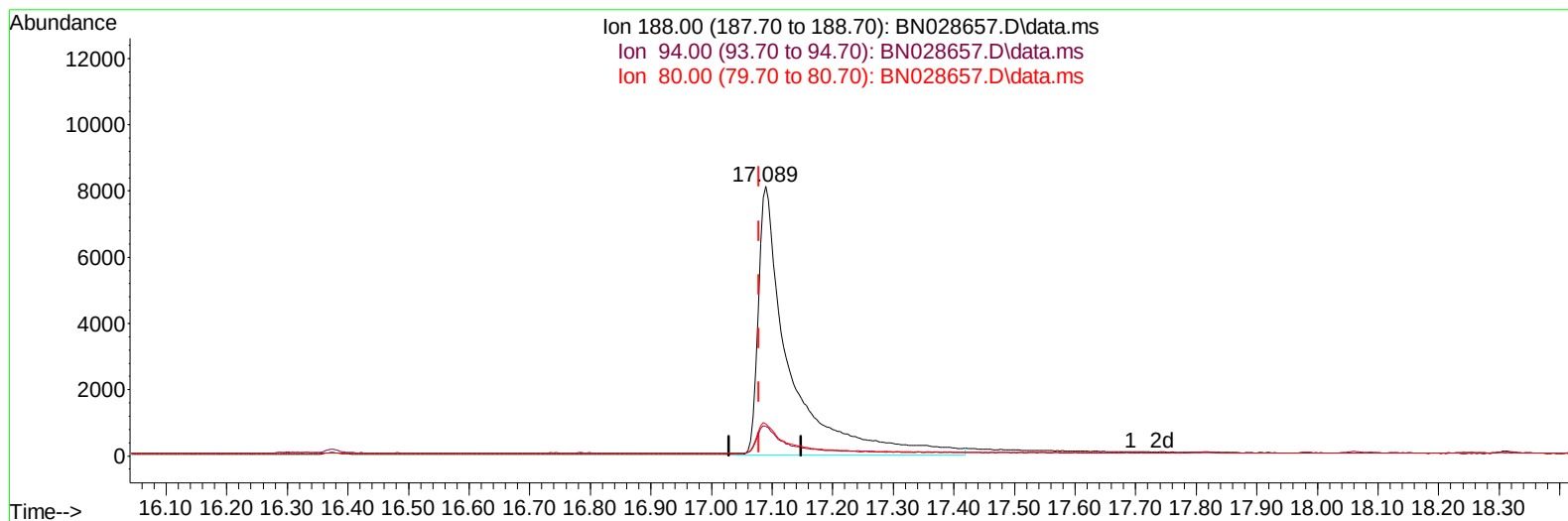
LabSampleId :

SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
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Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(13) Phenanthrene-d10 (I)

17.089min (+ 0.010) 0.40 ng/ul m

response 29027

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.91
80.00	10.90	11.96
0.00	0.00	0.00

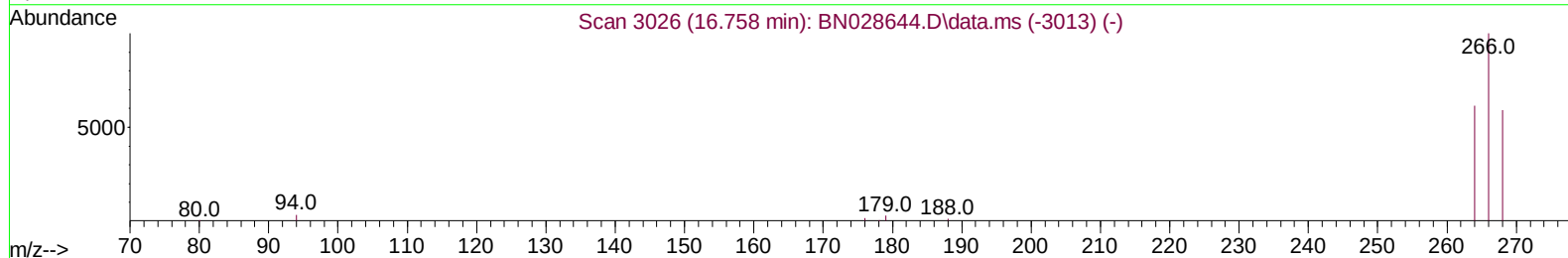
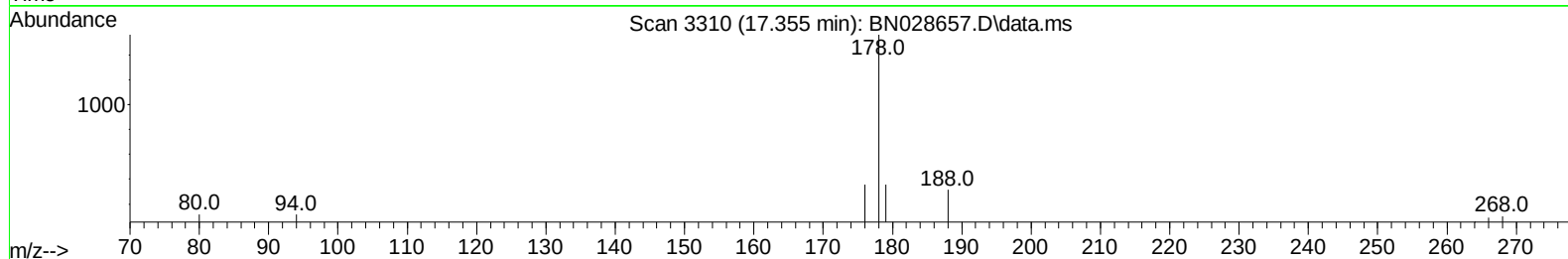
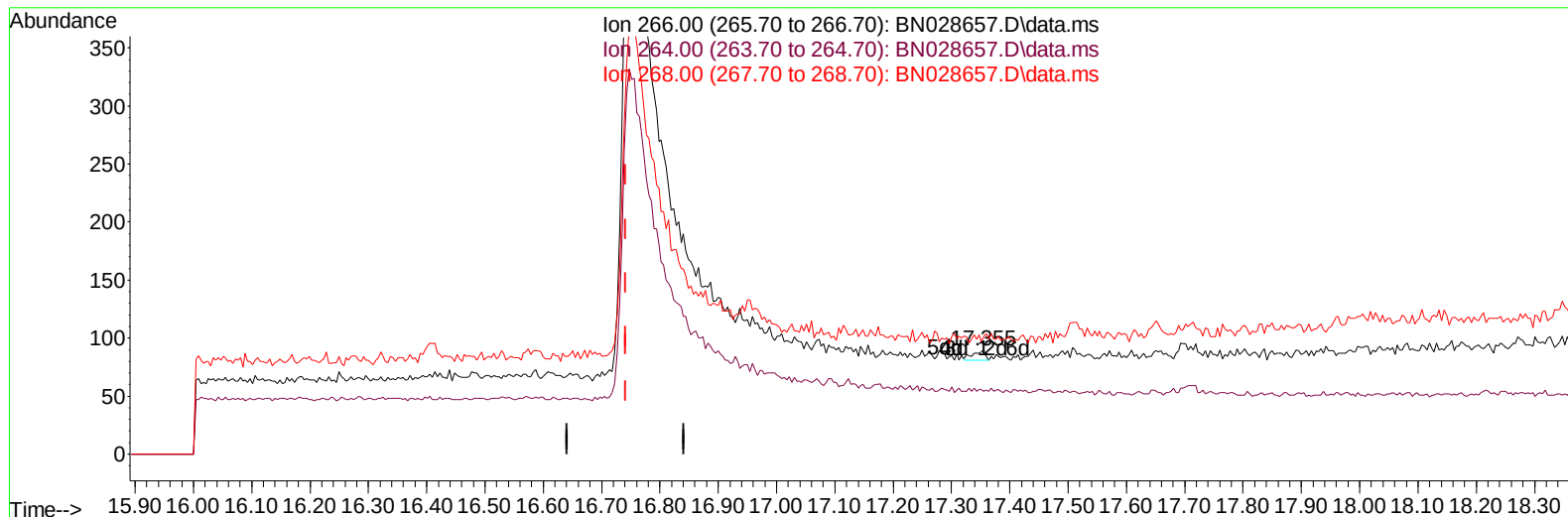
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(14) Pentachlorophenol

17.355min (+ 0.614) 0.00 ng/ul

response 12

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.60	0.00#
268.00	63.20	66.67
0.00	0.00	0.00

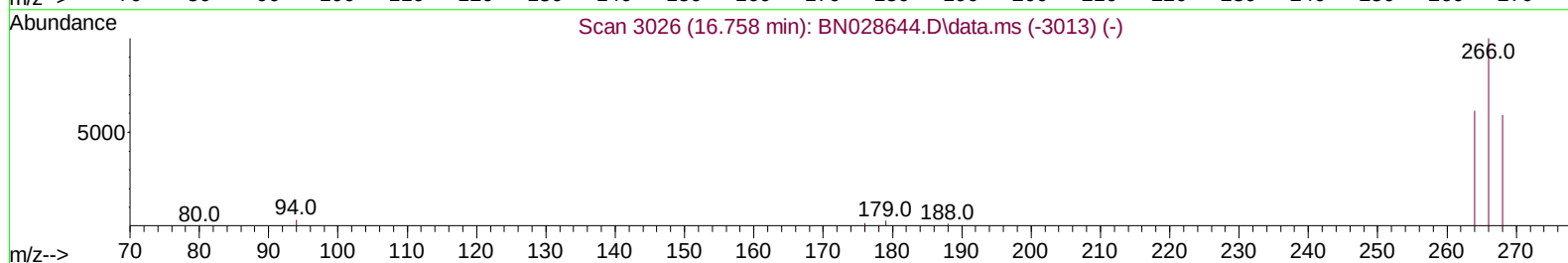
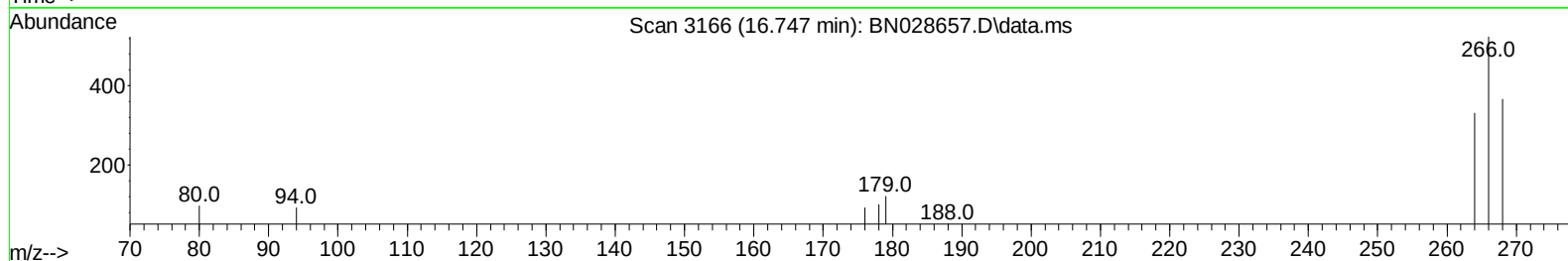
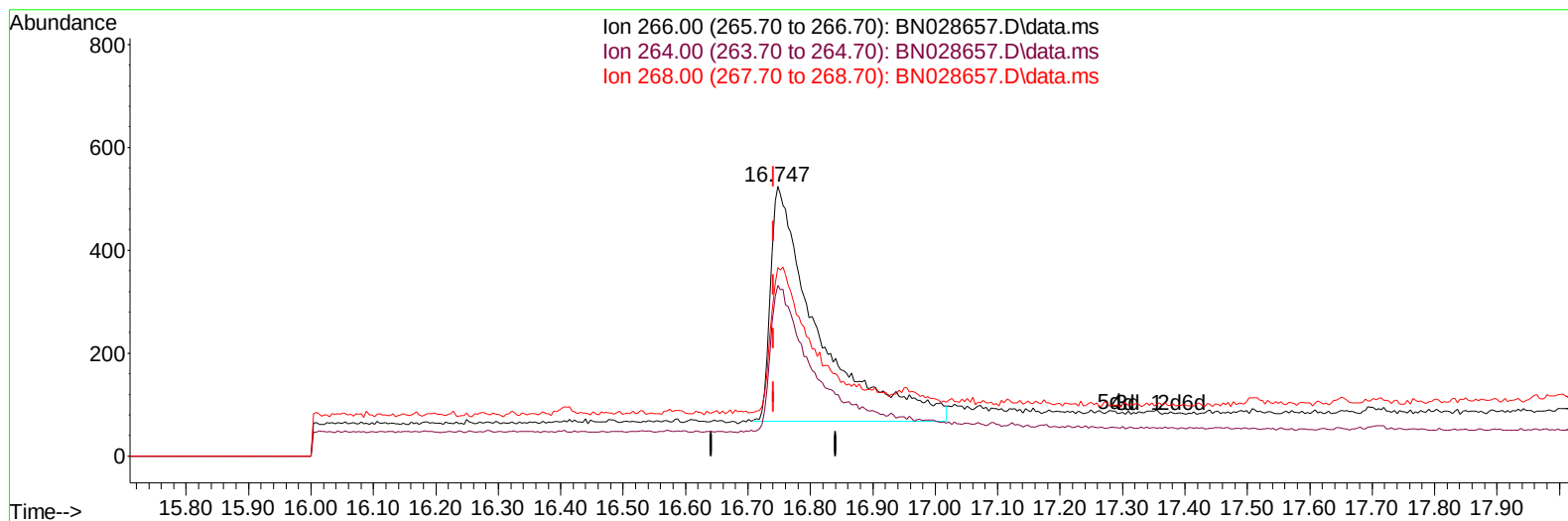
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(14) Pentachlorophenol

16.747min (+ 0.006) 0.34 ng/ul m

response 2394

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.60	0.00#
268.00	63.20	0.33#
0.00	0.00	0.00

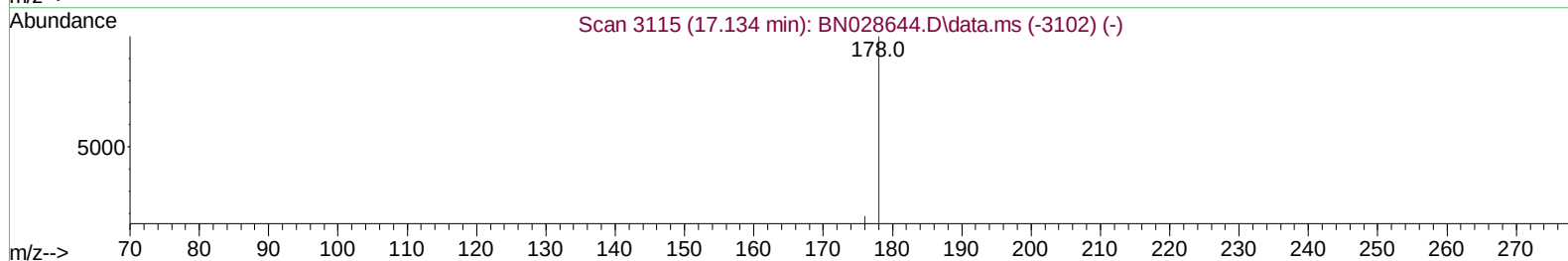
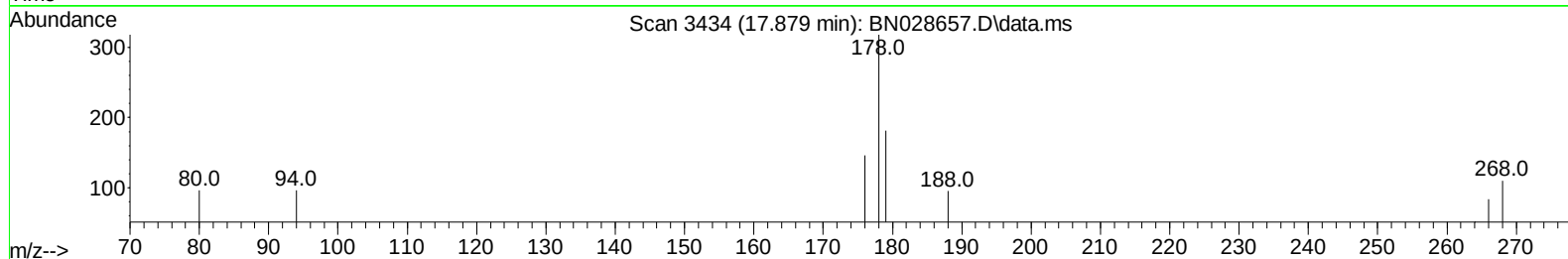
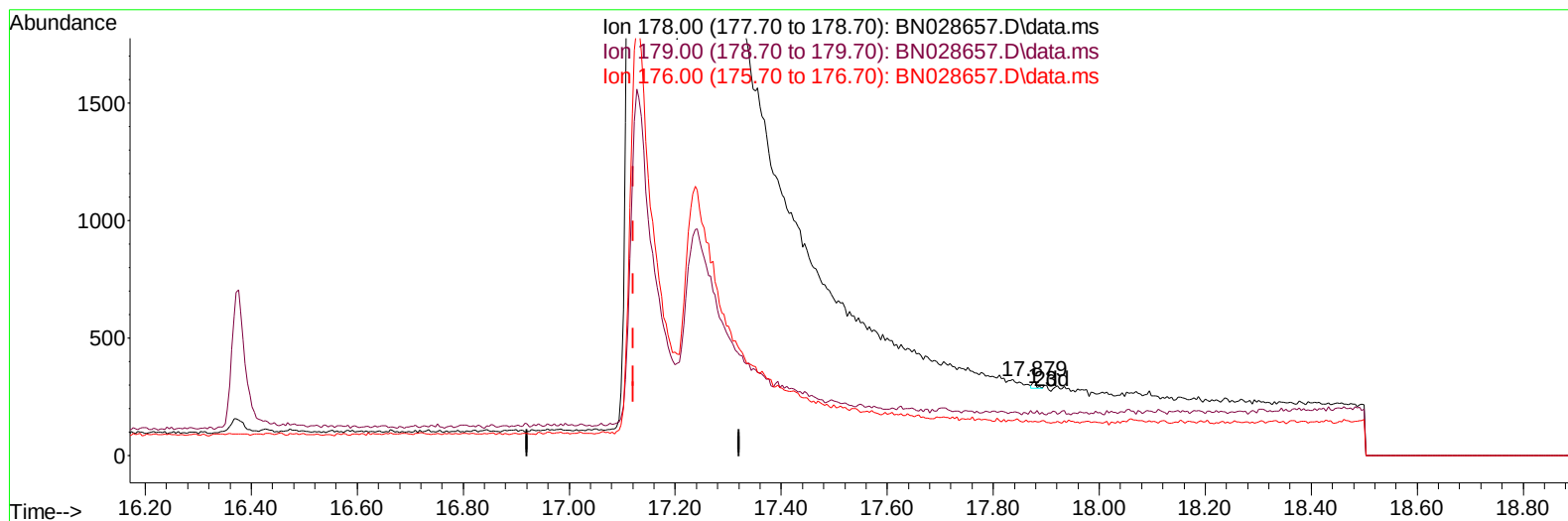
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(15) Phenanthrene

17.879min (+ 0.758) 0.00 ng/u1

response 16

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	56.92#
176.00	19.30	45.91#
0.00	0.00	0.00

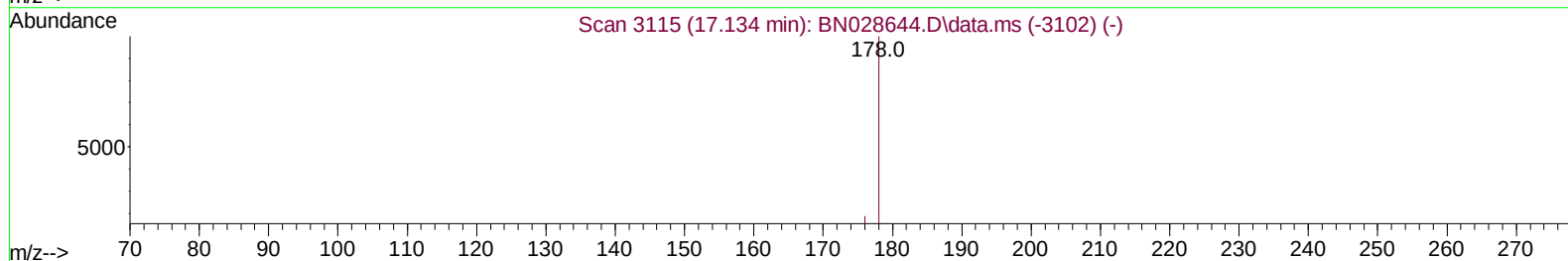
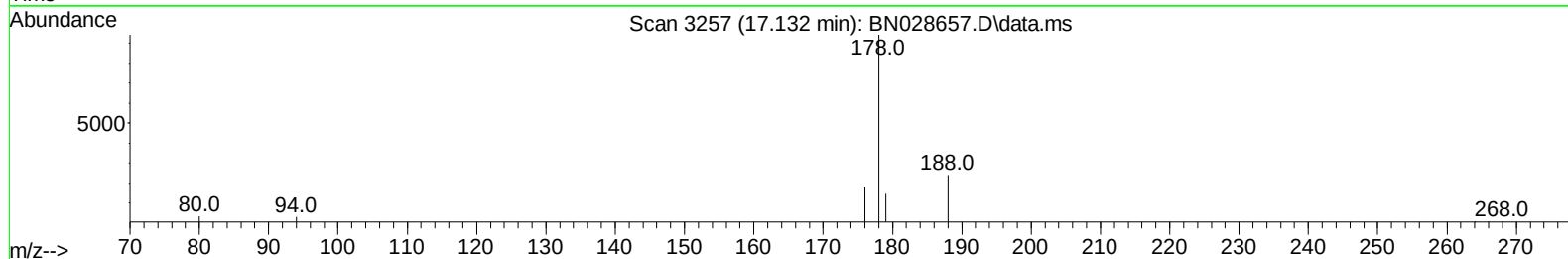
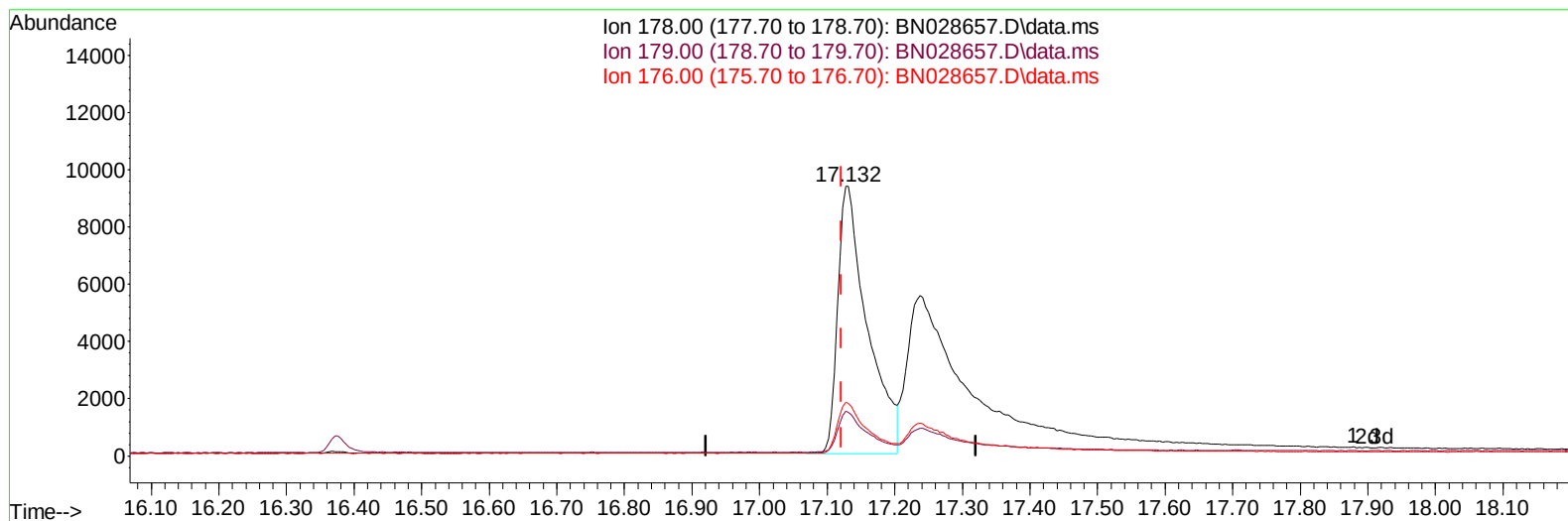
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/17/2023
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TIC: BN028657.D\data.ms

(15) Phenanthrene

17.132min (+ 0.011) 0.32 ng/ul m

response 28337

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	16.18
176.00	19.30	19.56
0.00	0.00	0.00

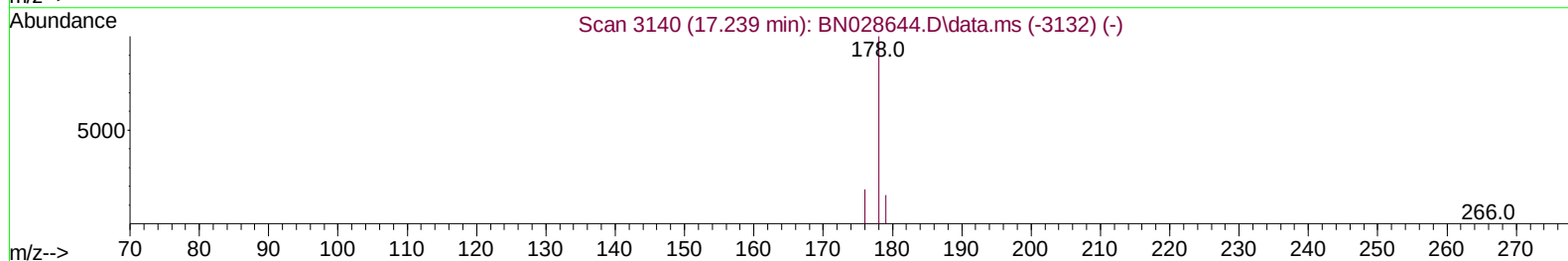
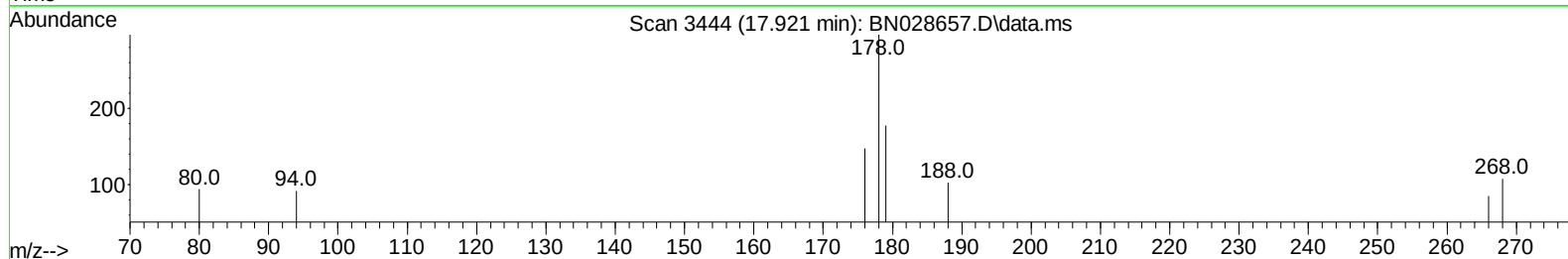
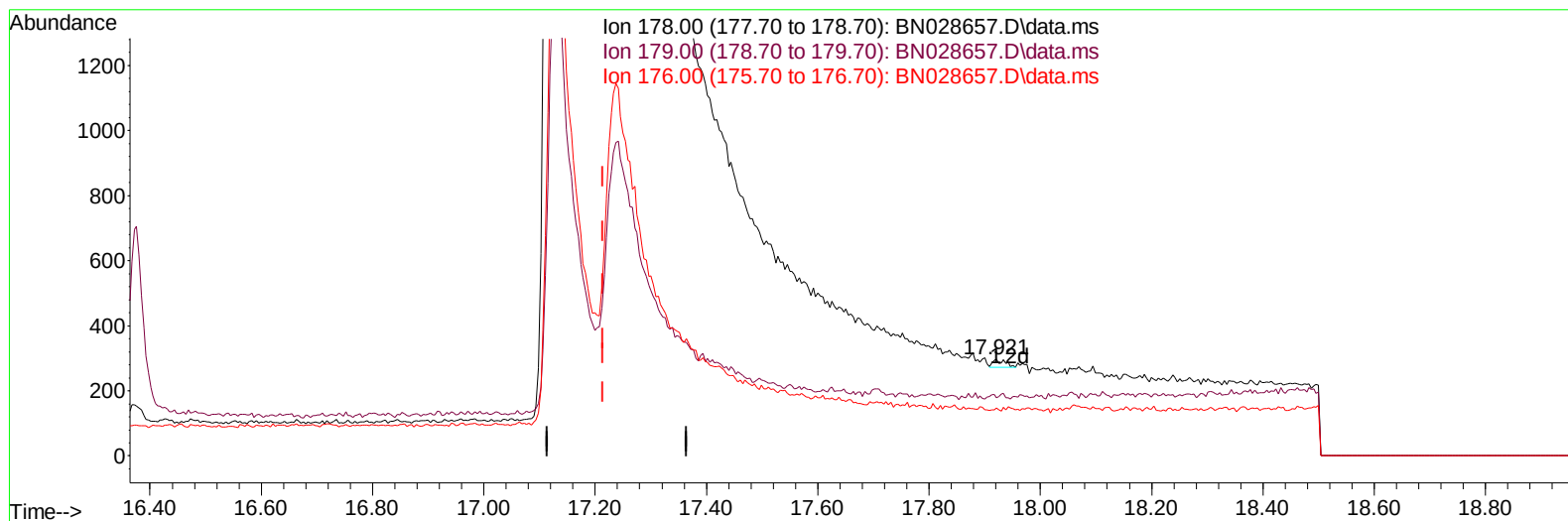
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
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TIC: BN028657.D\data.ms

(16) Anthracene

17.921min (+ 0.707) 0.00 ng/u1

response 37

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	59.93#
176.00	18.60	49.83#
0.00	0.00	0.00

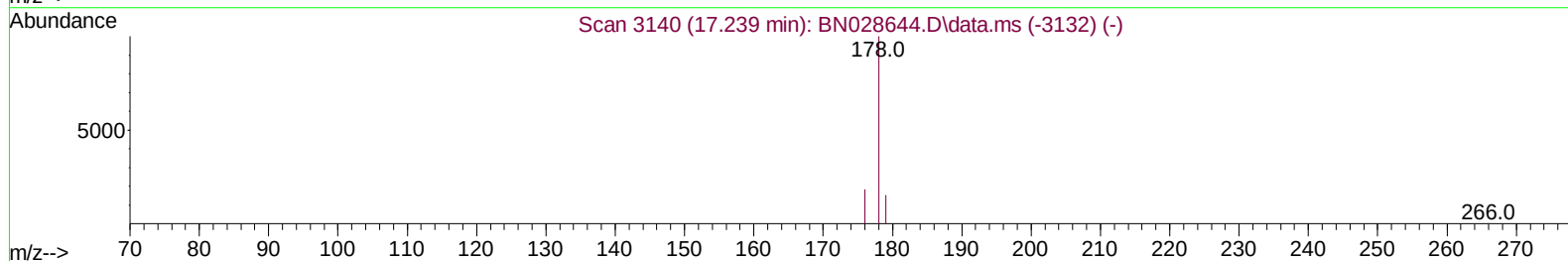
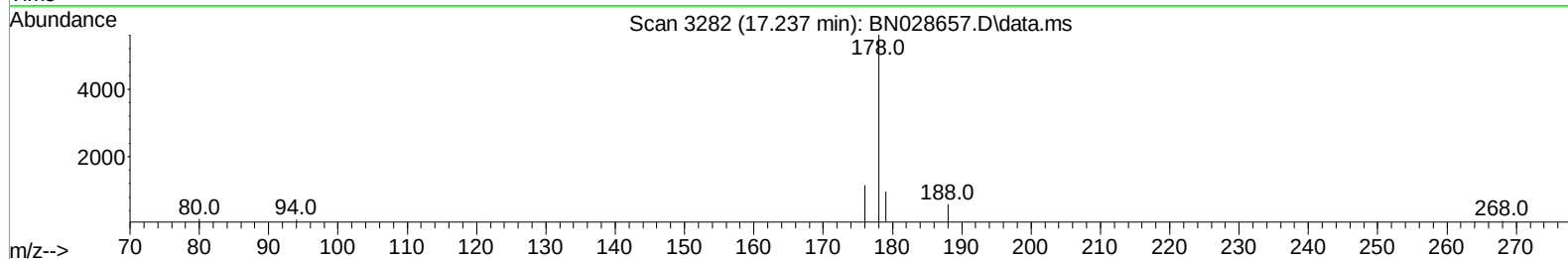
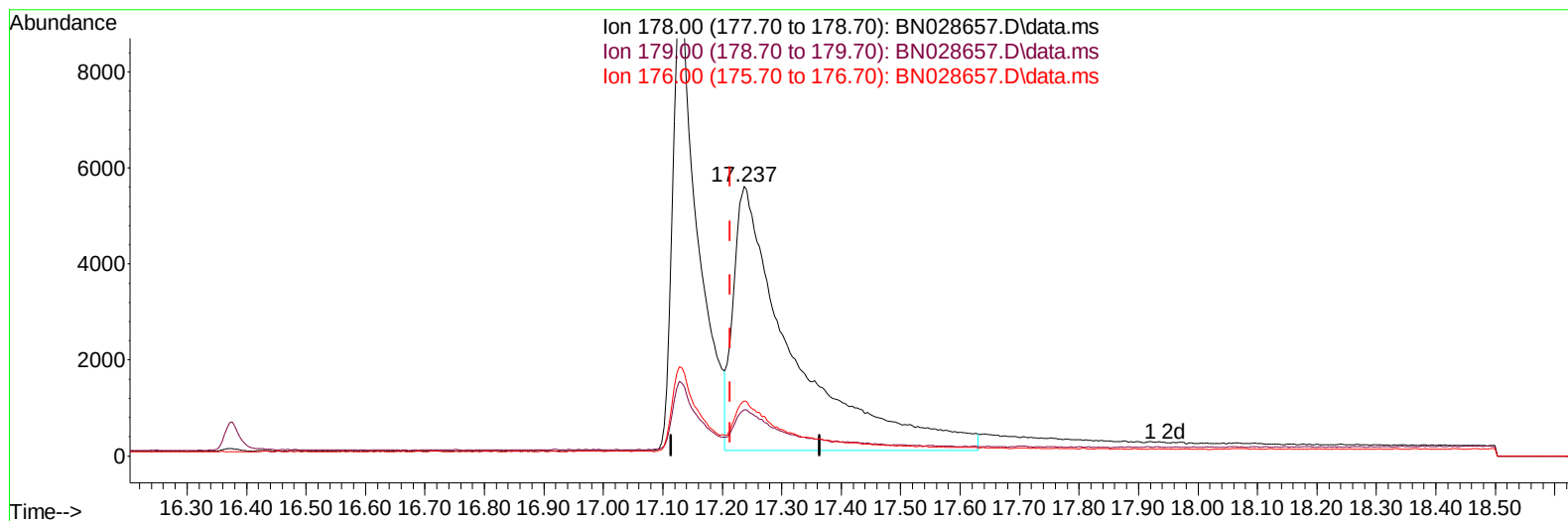
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
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Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(16) Anthracene

17.237min (+ 0.023) 0.48 ng/ul m

response 38876

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	17.15
176.00	18.60	20.40
0.00	0.00	0.00

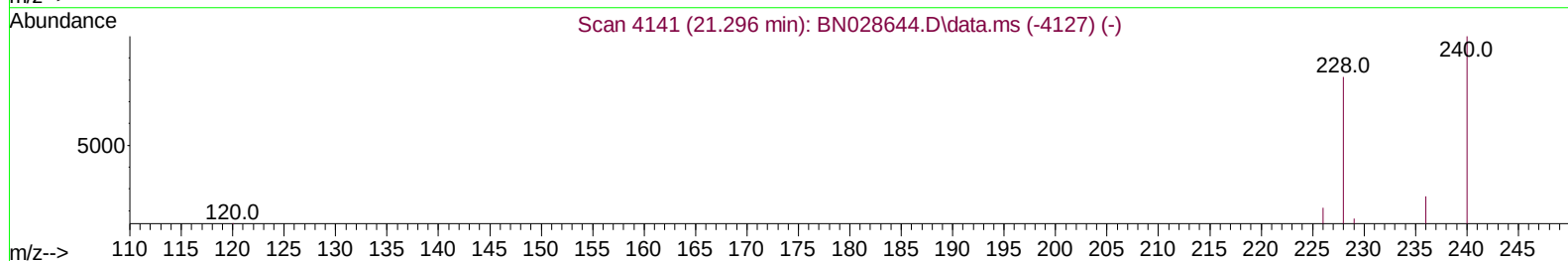
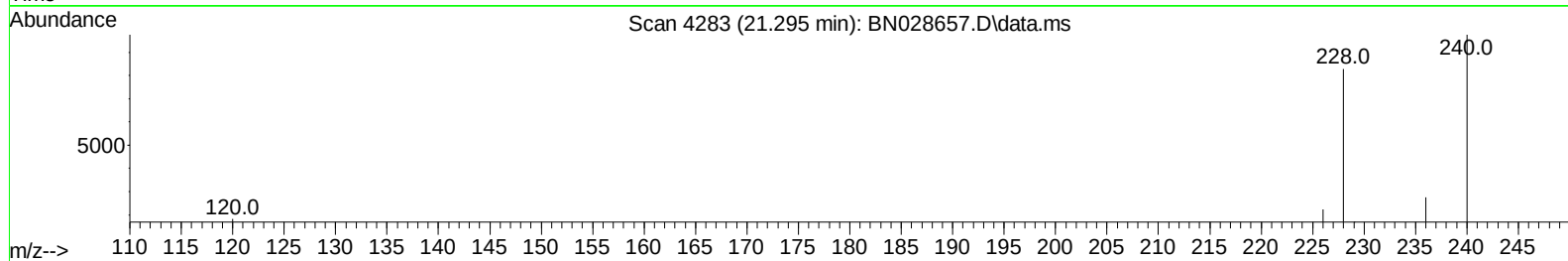
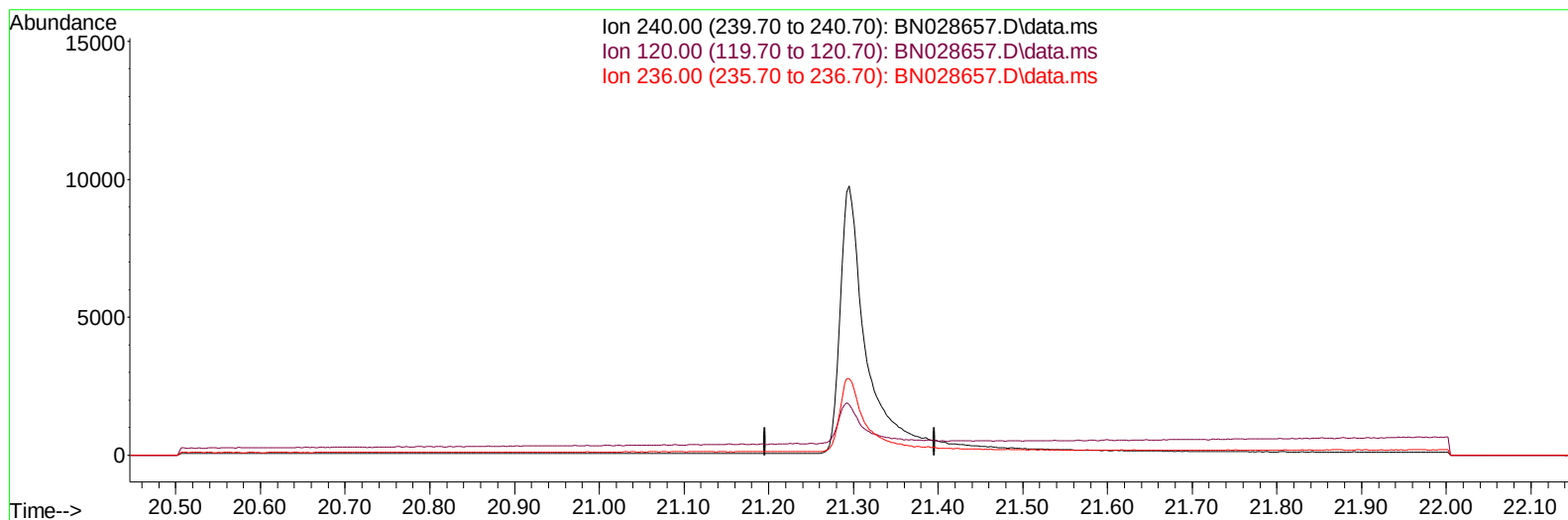
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028657.D\data.ms

(17) Chrysene-d12

21.296min (-21.296) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.00	0.00#
236.00	28.00	0.00#
0.00	0.00	0.00

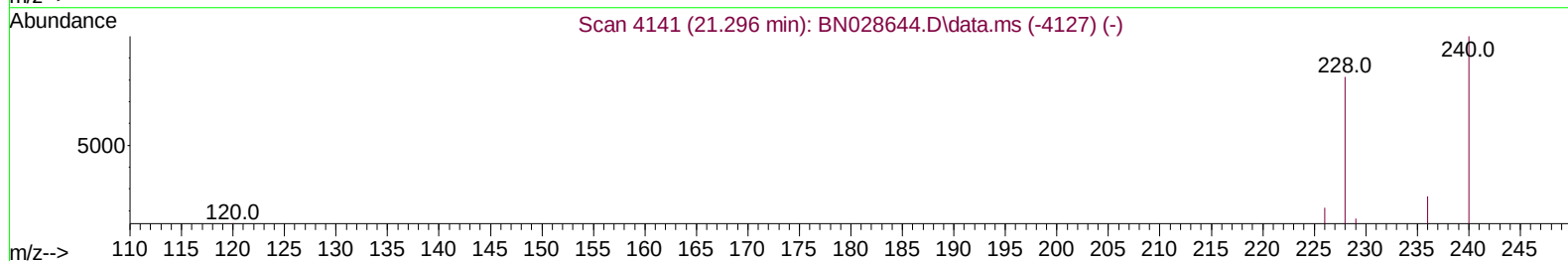
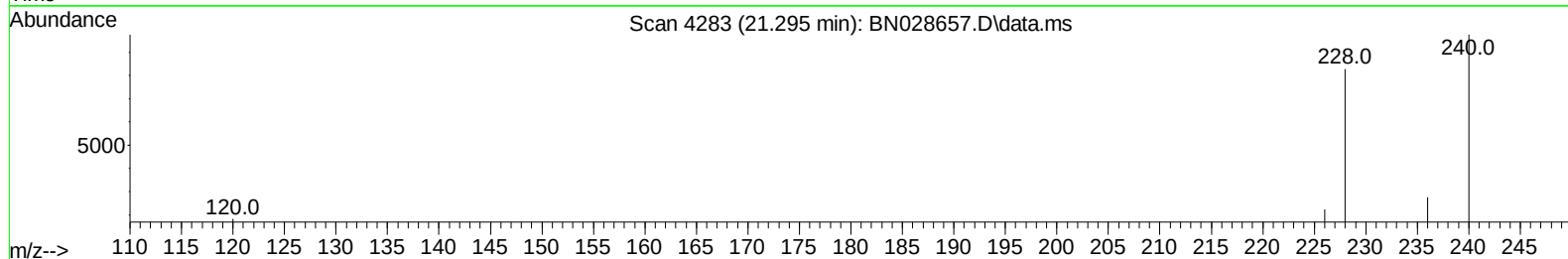
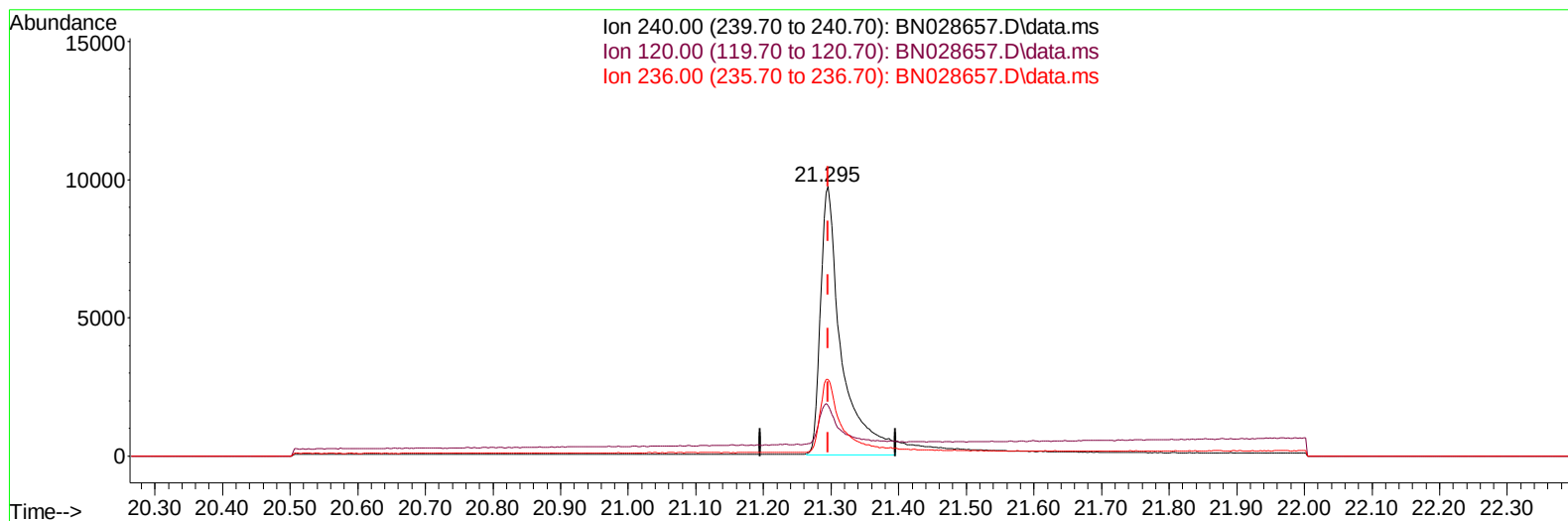
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028657.D
Acq On : 16 Nov 2023 10:55
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028657.D\data.ms

(17) Chrysene-d12

21.295min (-0.000) 0.40 ng/ul m

response 20907

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	18.68
236.00	28.00	28.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 16 14:09:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	5450m	0.400	ng/ul	0.12
4) Naphthalene-d8	10.490	136	21105m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.325	164	13724m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	29027m	0.400	ng/ul	0.01
17) Chrysene-d12	21.295	240	20907m	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	19444	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	3183m	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	9015m	0.284	ng/ul	0.05
18) Fluoranthene-d10	19.122	212	27857	0.414	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	3191m	0.479	ng/ul	
5) Naphthalene	10.534	128	18657m	0.315	ng/ul	
7) 2-Methylnaphthalene	12.173	142	10441m	0.268	ng/ul	
8) 1-Methylnaphthalene	12.365	142	14019m	0.354	ng/ul	
10) Acenaphthylene	14.052	152	24756m	0.361	ng/ul	
11) Acenaphthene	14.390	153	20493m	0.407	ng/ul	
12) Fluorene	15.394	166	19346m	0.330	ng/ul	
14) Pentachlorophenol	16.747	266	2394m	0.344	ng/ul	
15) Phenanthrene	17.132	178	28337m	0.318	ng/ul	
16) Anthracene	17.237	178	38876m	0.475	ng/ul	
19) Fluoranthene	19.150	202	37444	0.421	ng/ul	100
20) Pyrene	19.512	202	43334	0.470	ng/ul	97
21) Benzo(a)anthracene	21.281	228	25793	0.312	ng/ul	98
22) Chrysene	21.333	228	32898	0.407	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	29141	0.399	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	35217	0.461	ng/ul	95
26) Benzo(a)pyrene	23.482	252	29865	0.434	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.930	276	34504	0.451	ng/ul	99
28) Dibenzo(a,h)anthracene	25.957	278	25835	0.423	ng/ul	97
29) Benzo(g,h,i)perylene	26.641	276	29778	0.475	ng/ul	98

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

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Manual IntegrationsAPPROVED

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