

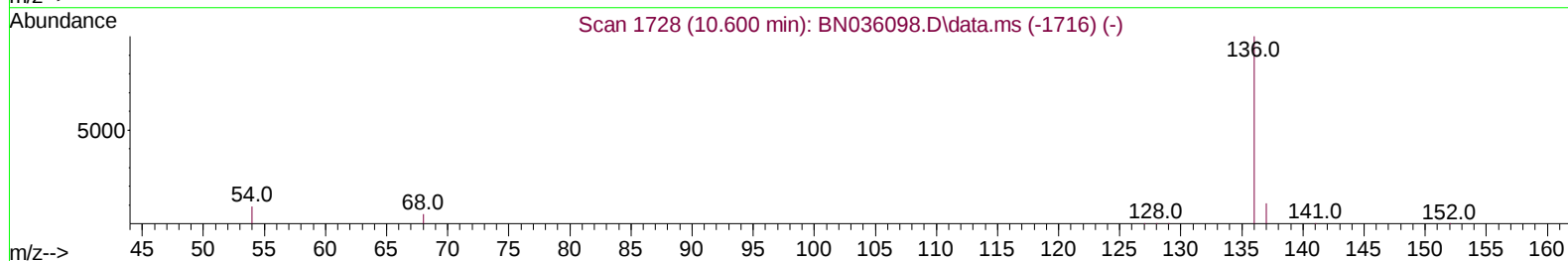
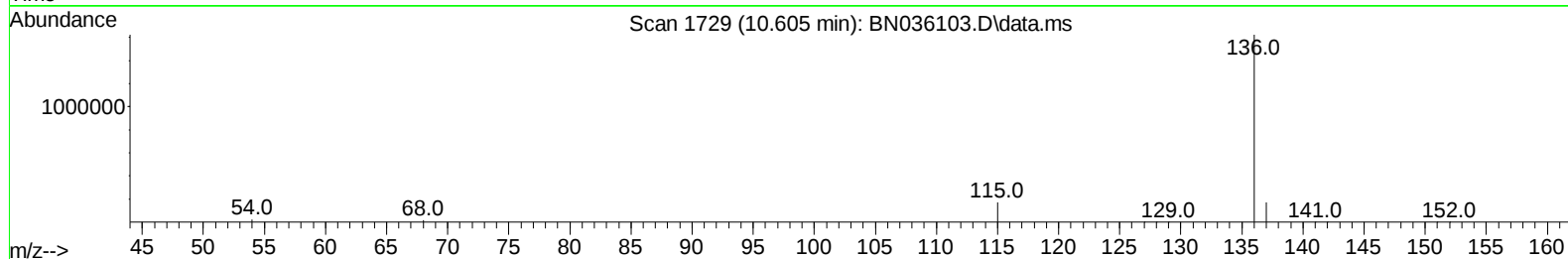
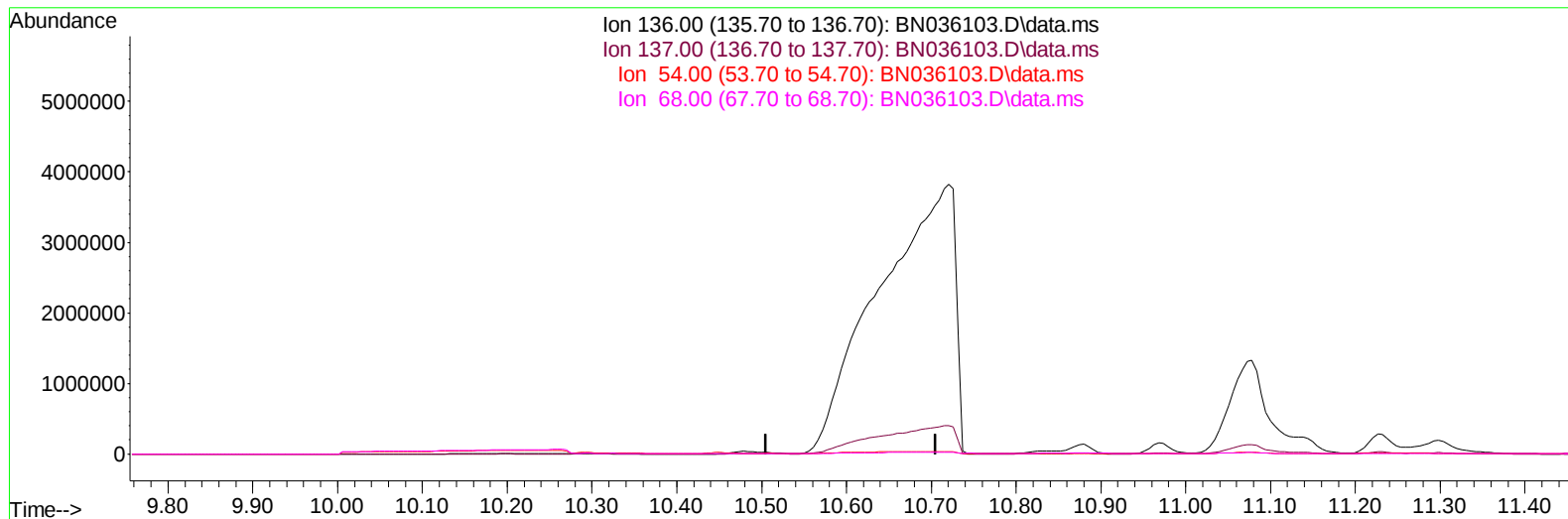
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036103.D\data.ms

(4) Naphthalene-d8 (I)

10.605min (-10.605) 0.00 ng/u1

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	12.70	0.00#
54.00	12.80	0.00#
68.00	8.10	0.00#

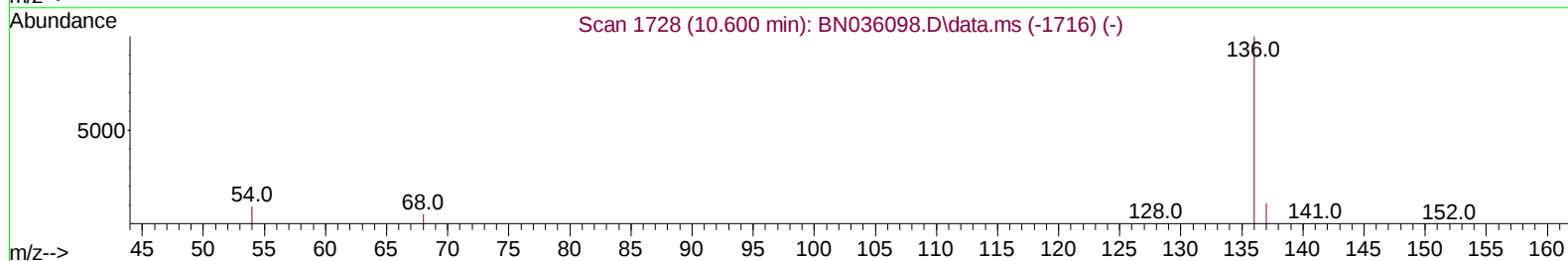
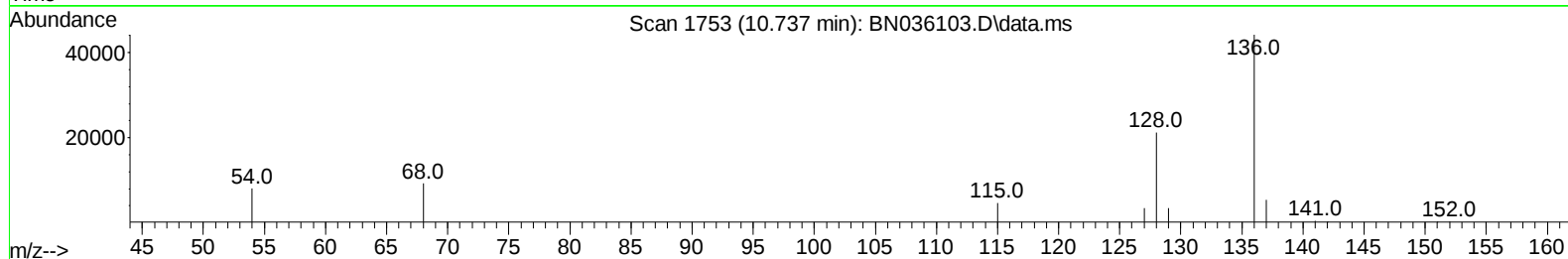
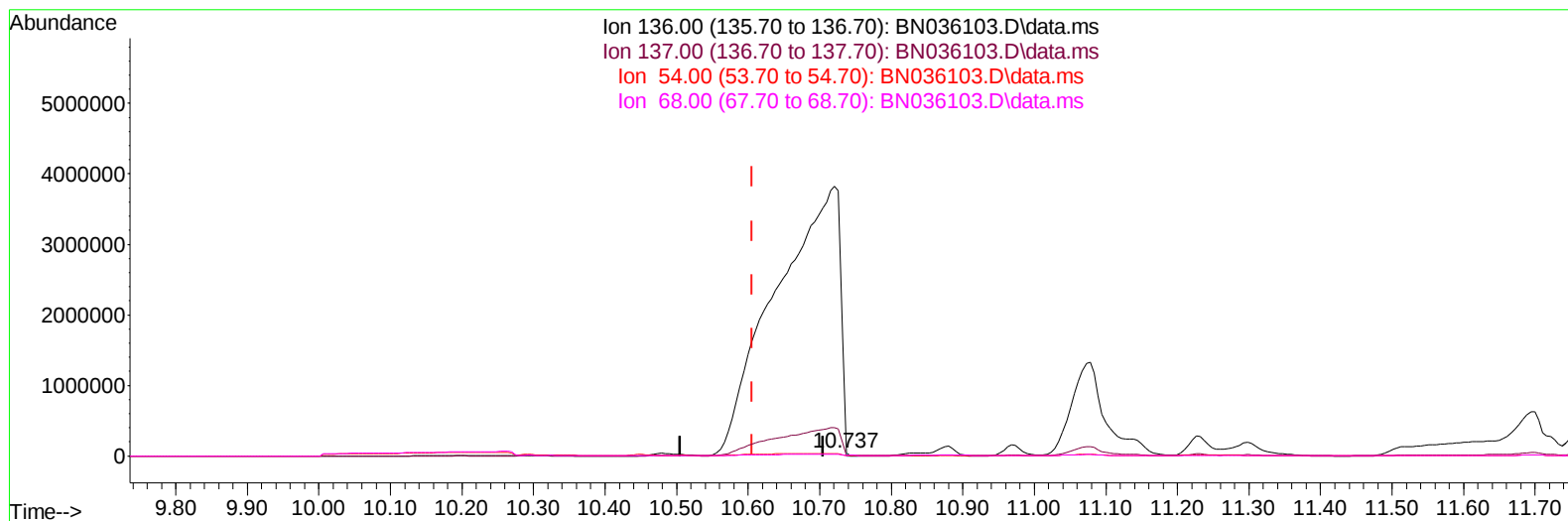
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
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Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036103.D\data.ms

(4) Naphthalene-d8 (I)

10.737min (+ 0.132) 0.40 ng/ul m

response 5874

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	12.35
54.00	12.80	18.20#
68.00	8.10	20.87#

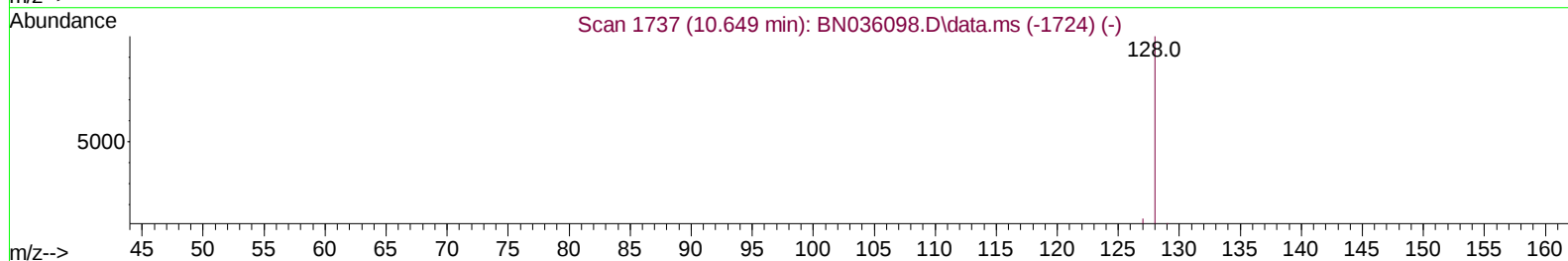
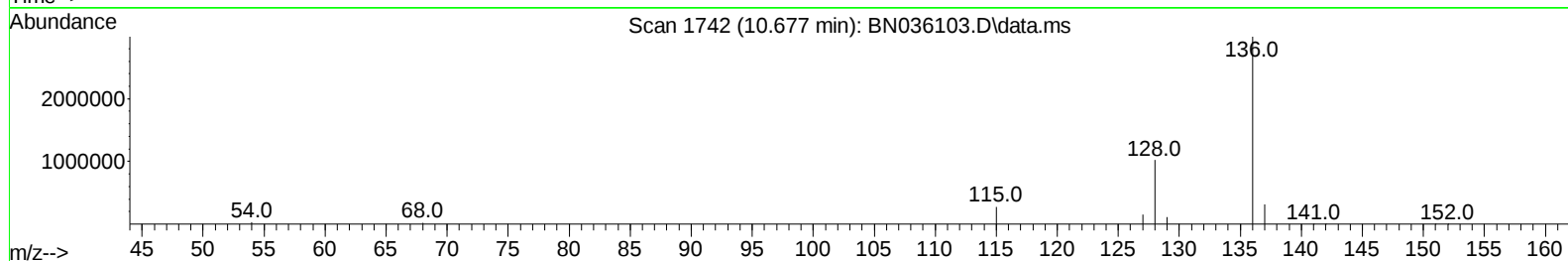
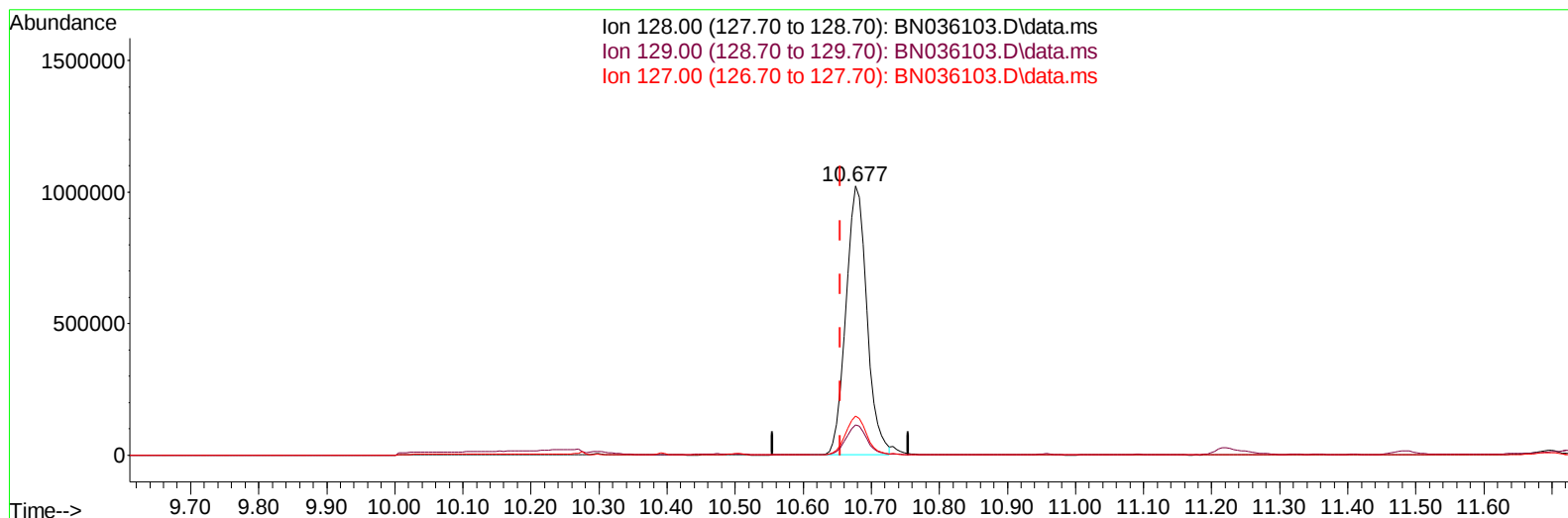
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN036103.D\data.ms

(5) Naphthalene

10.677min (+ 0.022) 135.00 ng/u1

response 2184505

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.15
127.00	15.00	14.45
0.00	0.00	0.00

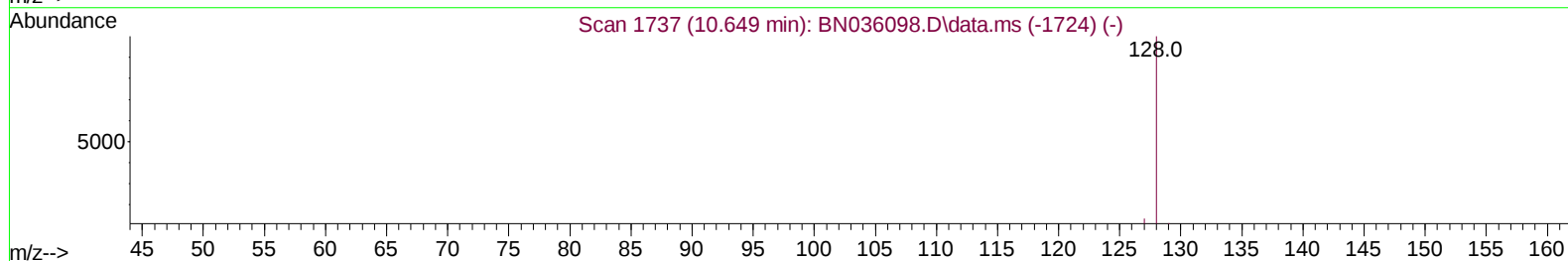
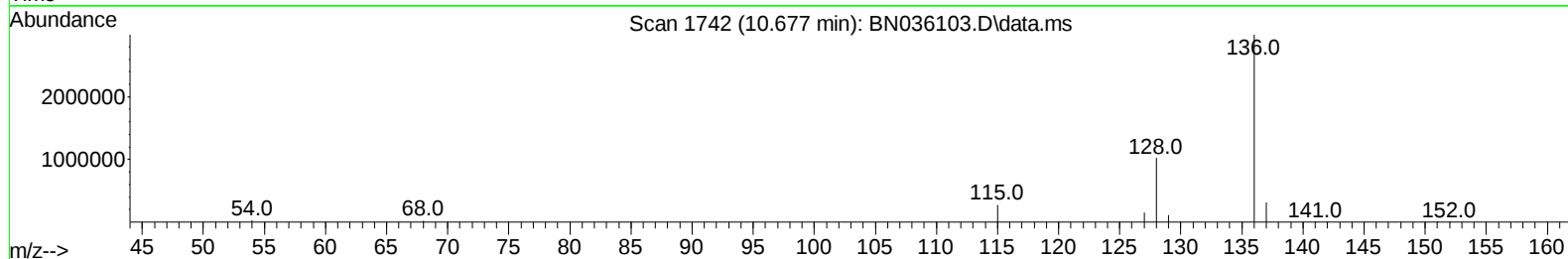
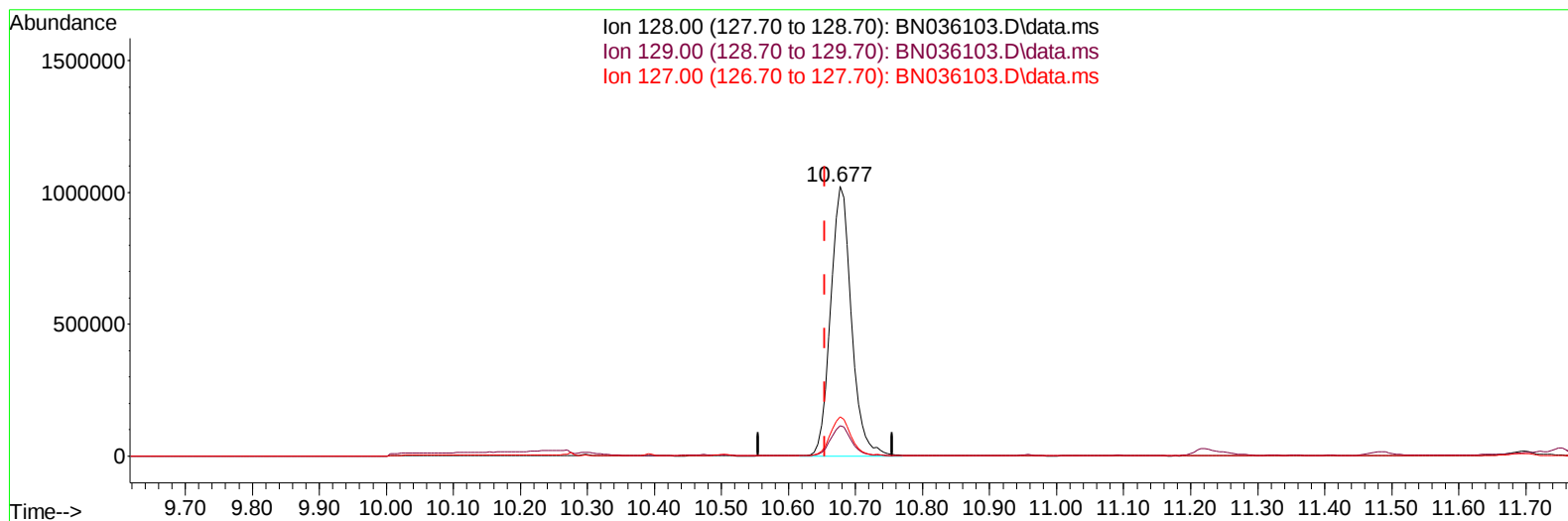
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

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TIC: BN036103.D\data.ms

(5) Naphthalene

10.677min (+ 0.022) 137.09 ng/ul m

response 2218345

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.00	11.15
127.00	15.00	14.45
0.00	0.00	0.00

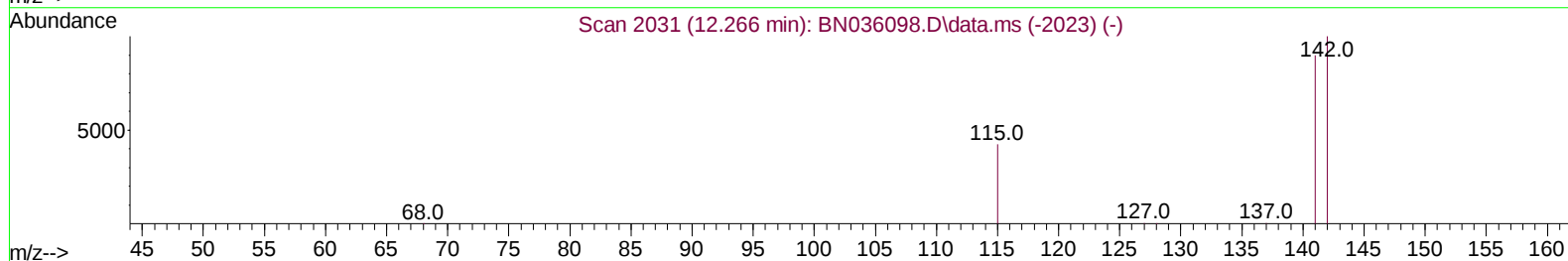
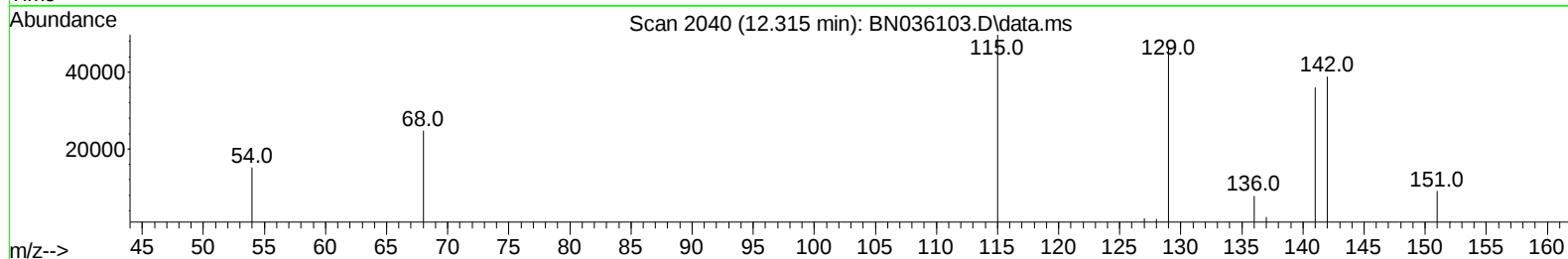
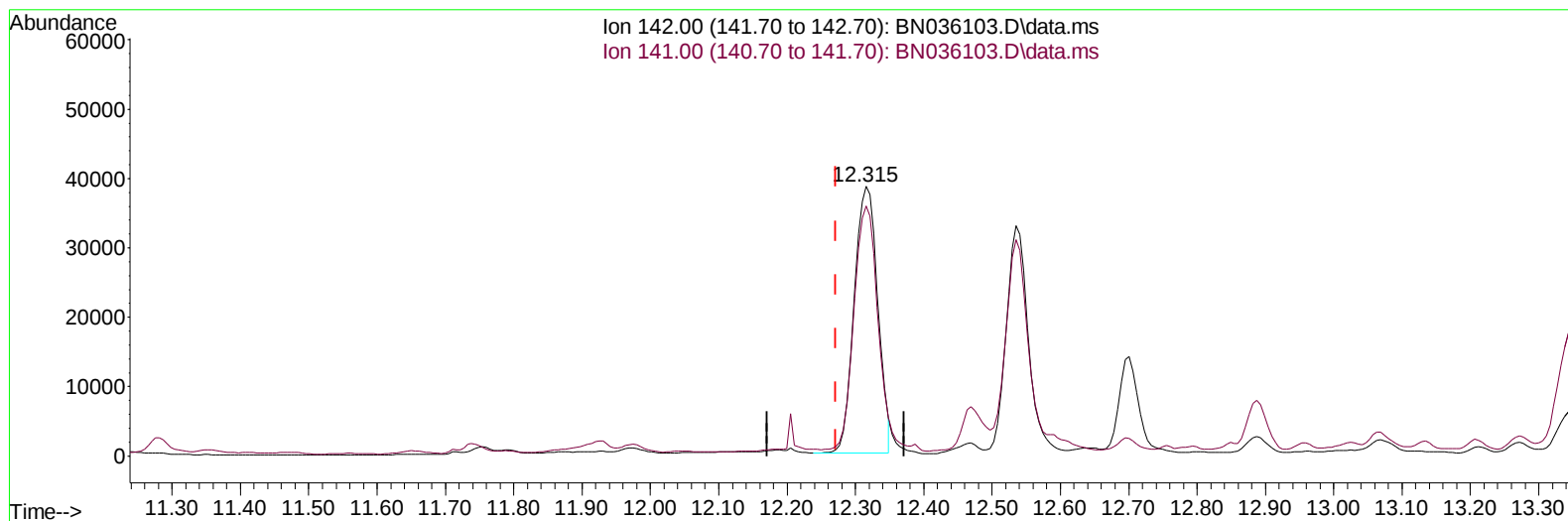
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
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Misc :
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Instrument :
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TIC: BN036103.D\data.ms

(7) 2-Methylnaphthalene

12.315min (+ 0.044) 9.16 ng/u1

response 92045

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	90.85
0.00	0.00	0.00
0.00	0.00	0.00

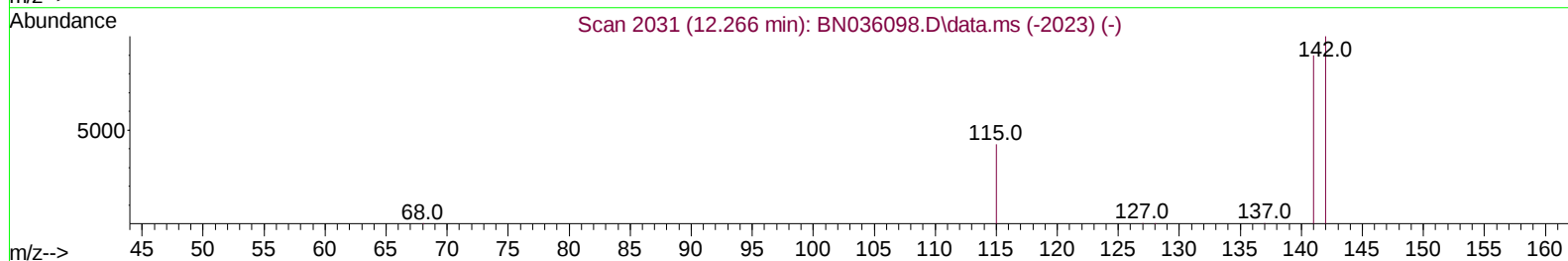
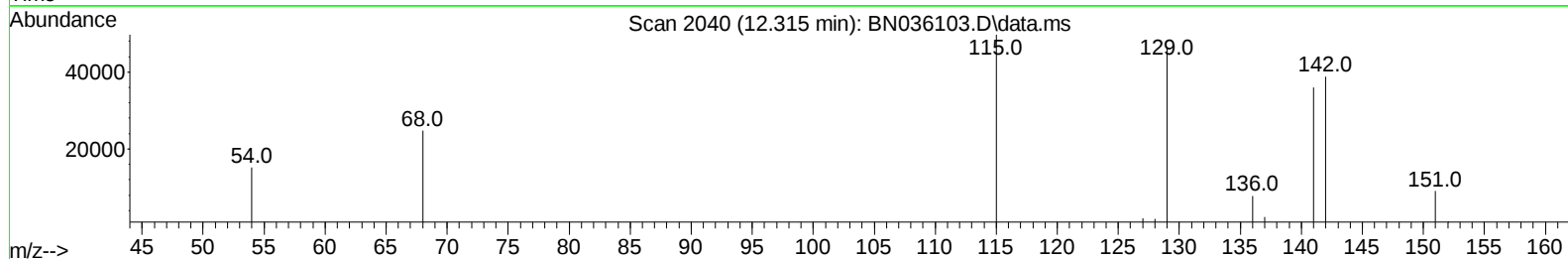
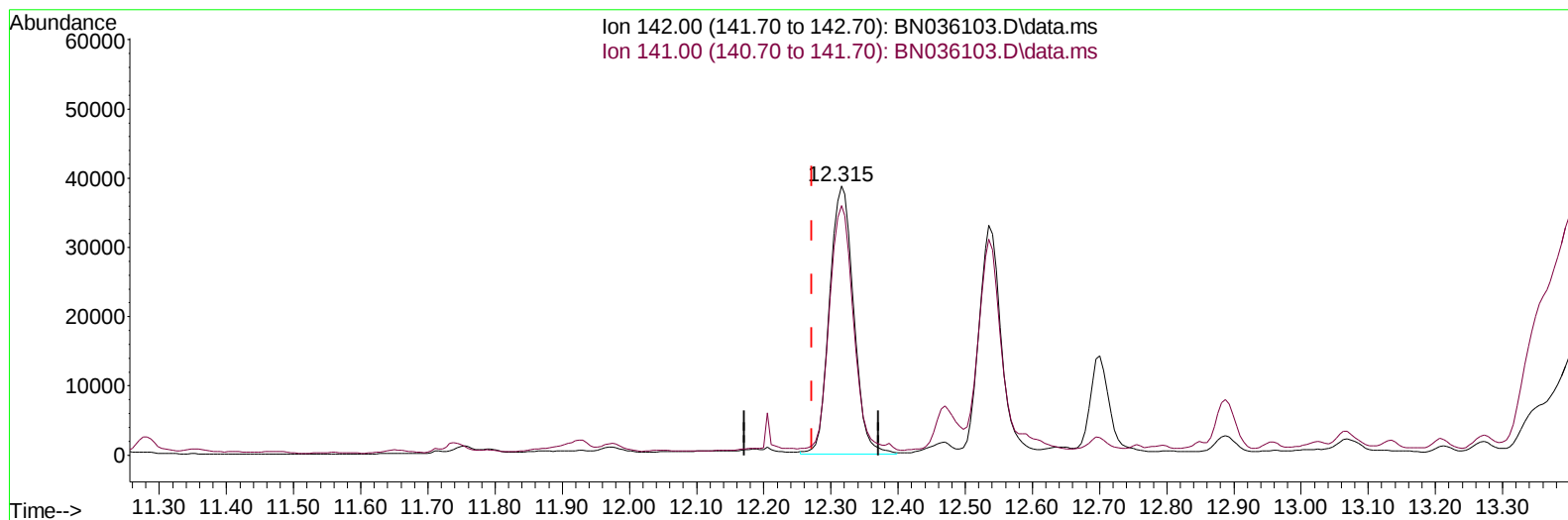
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 13:59:13 2025
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TIC: BN036103.D\data.ms

(7) 2-Methylnaphthalene

12.315min (+ 0.044) 9.62 ng/ul m

response 96709

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	89.90	86.46
0.00	0.00	0.00
0.00	0.00	0.00

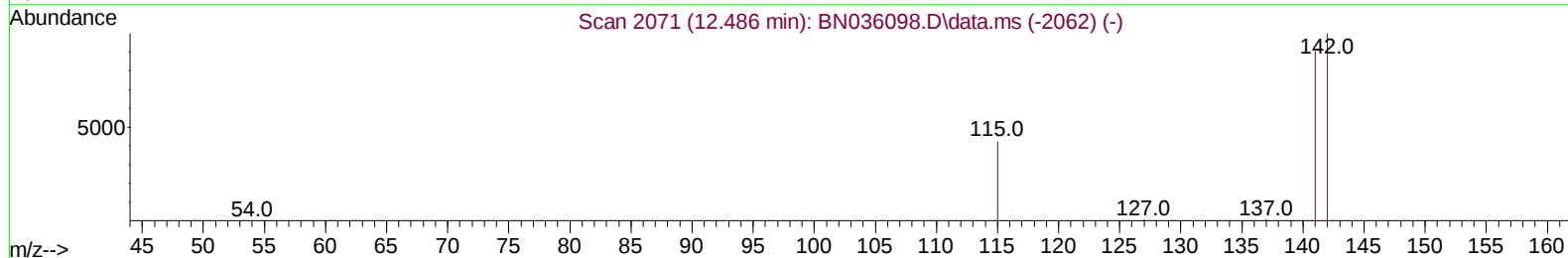
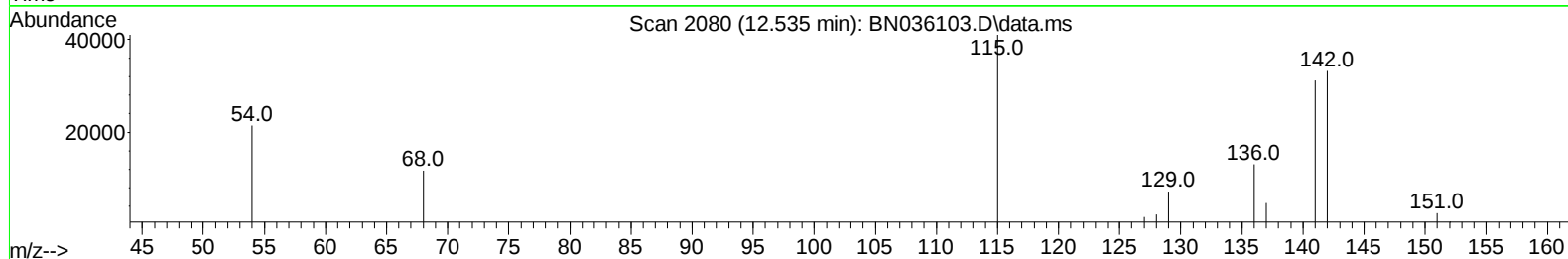
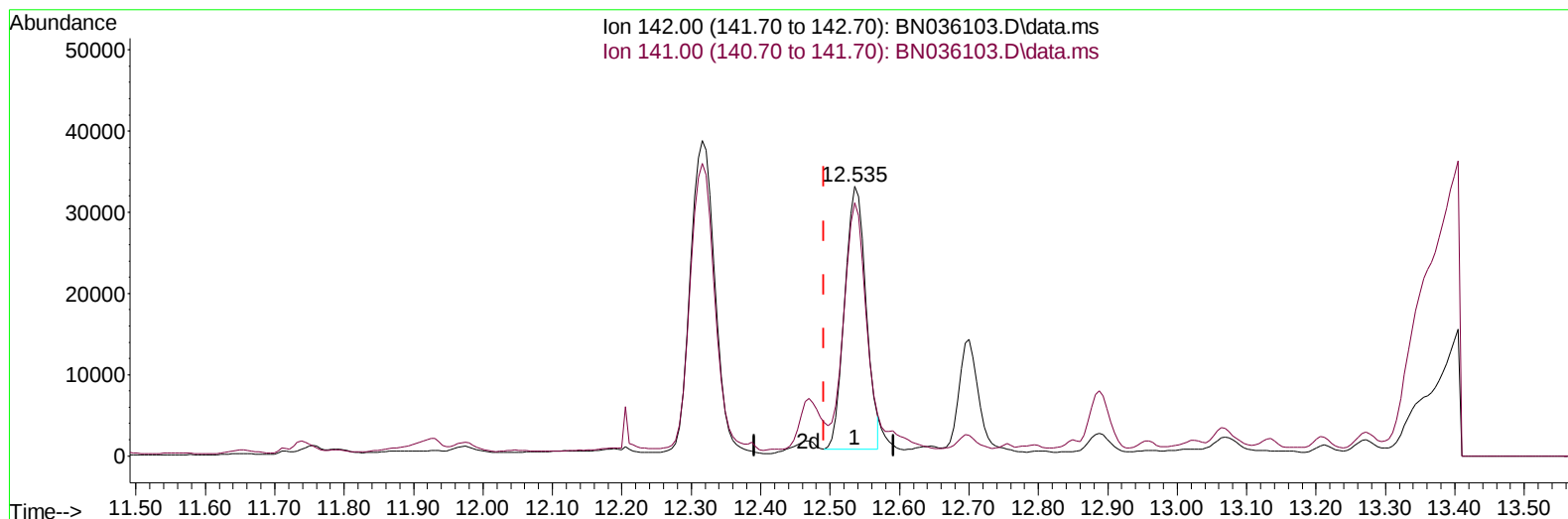
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

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TIC: BN036103.D\data.ms

(8) 1-Methylnaphthalene

12.535min (+ 0.044) 6.79 ng/u1

response 69279

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	80.92
0.00	0.00	0.00
0.00	0.00	0.00

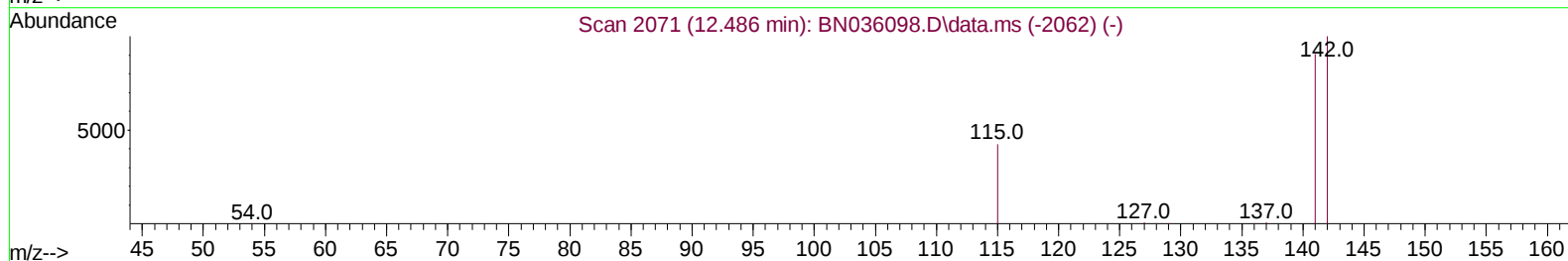
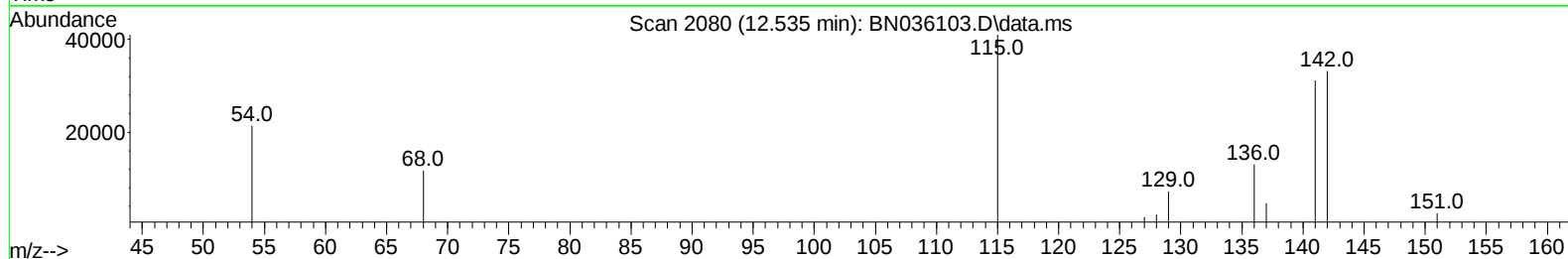
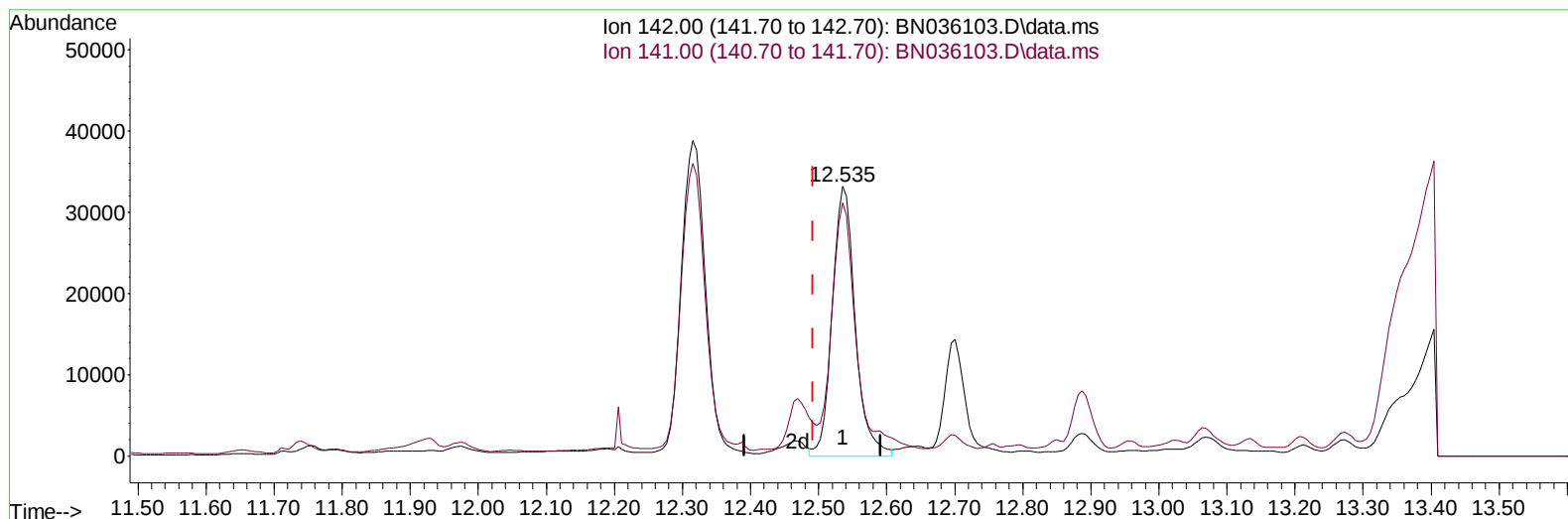
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

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TIC: BN036103.D\data.ms

(8) 1-Methylnaphthalene

12.535min (+ 0.044) 7.58 ng/ul m

response 77361

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.00	72.46#
0.00	0.00	0.00
0.00	0.00	0.00

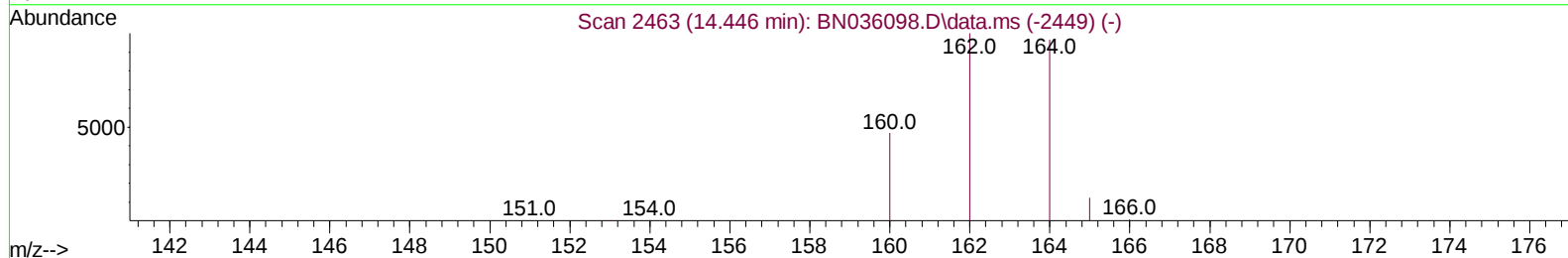
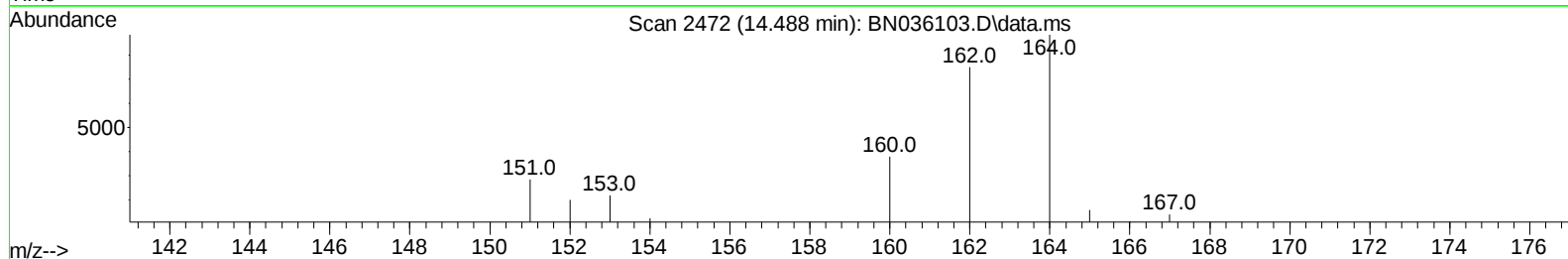
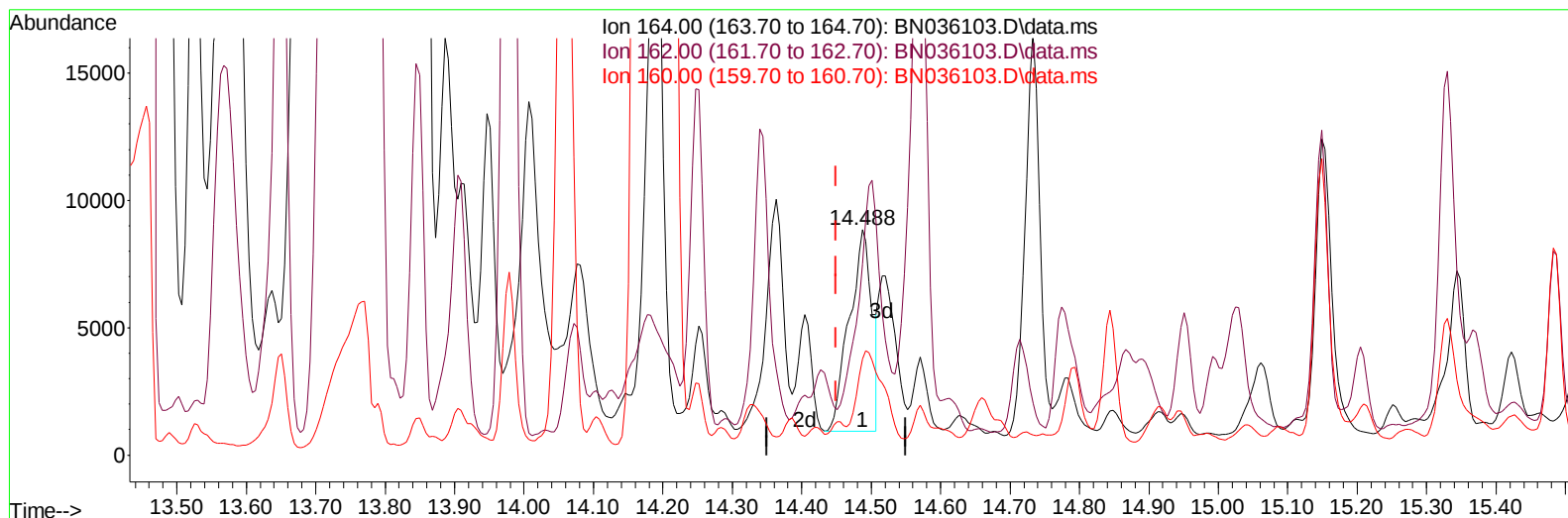
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN036103.D\data.ms

(9) Acenaphthene-d10 (I)

14.488min (+ 0.038) 0.40 ng/u1

response 17855

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	84.88#
160.00	54.60	42.74#
0.00	0.00	0.00

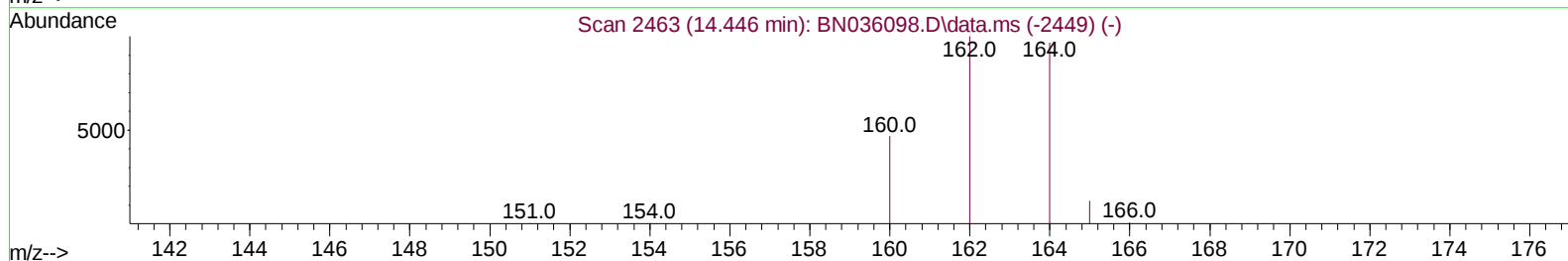
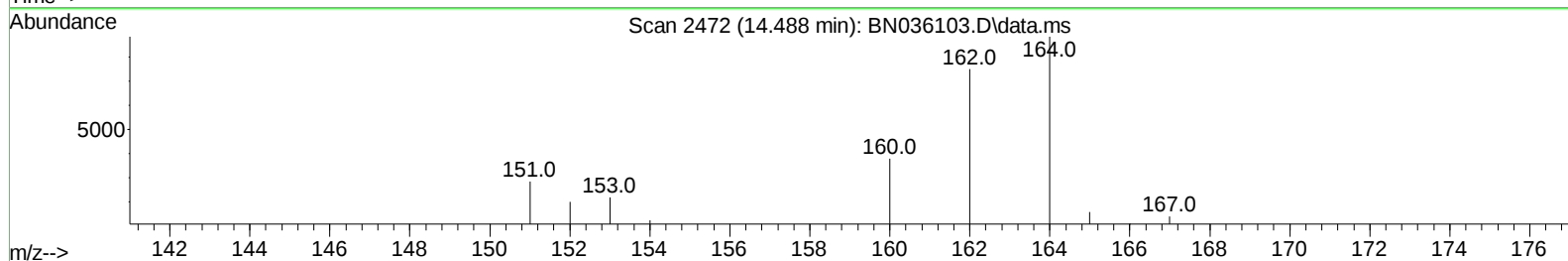
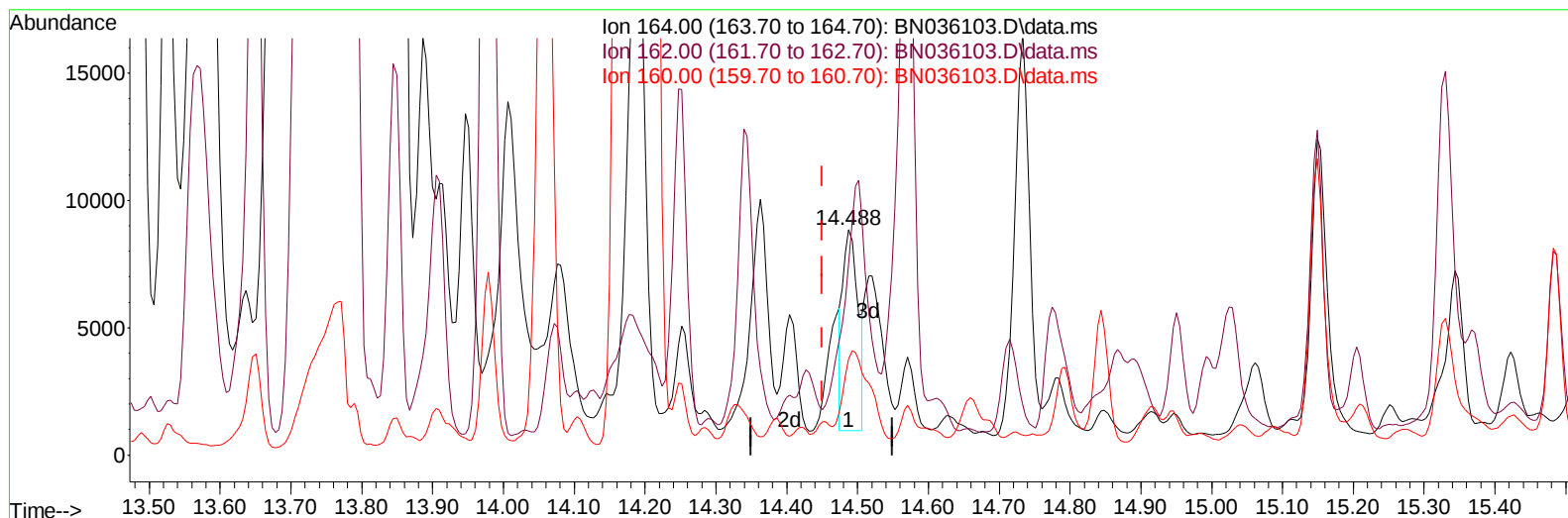
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Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

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TIC: BN036103.D\data.ms

(9) Acenaphthene-d10 (I)

14.488min (+ 0.038) 0.40 ng/ul m

response 11912

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	84.88#
160.00	54.60	42.74#
0.00	0.00	0.00

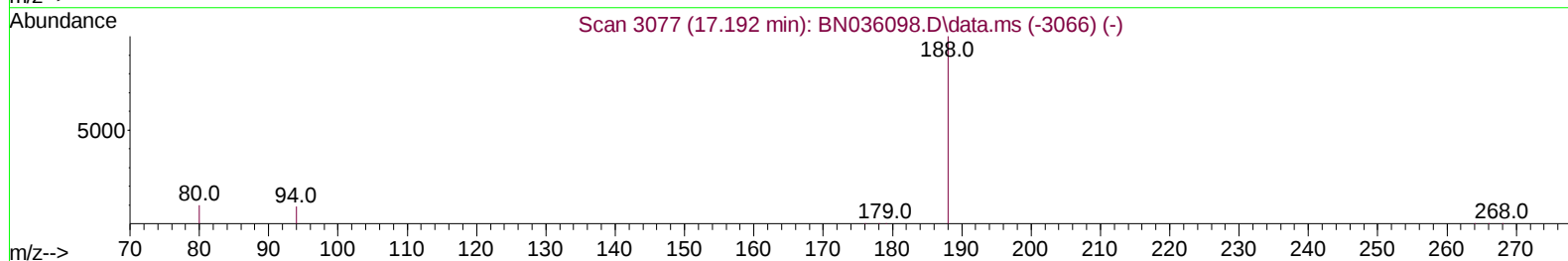
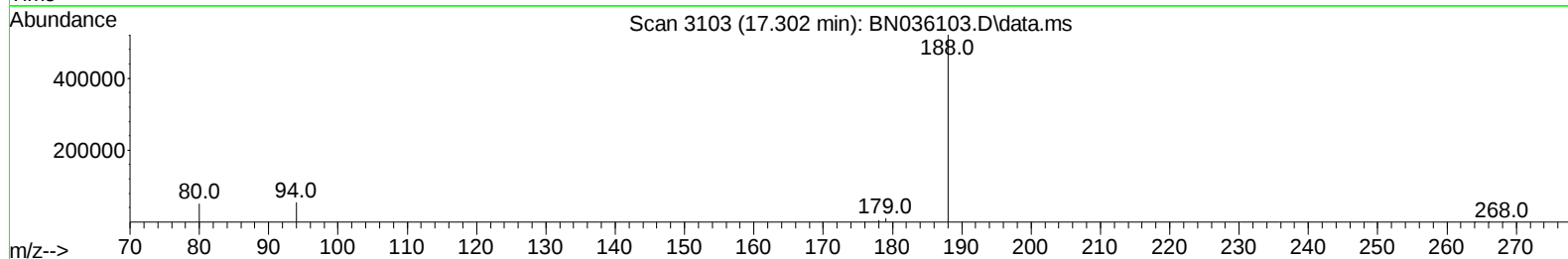
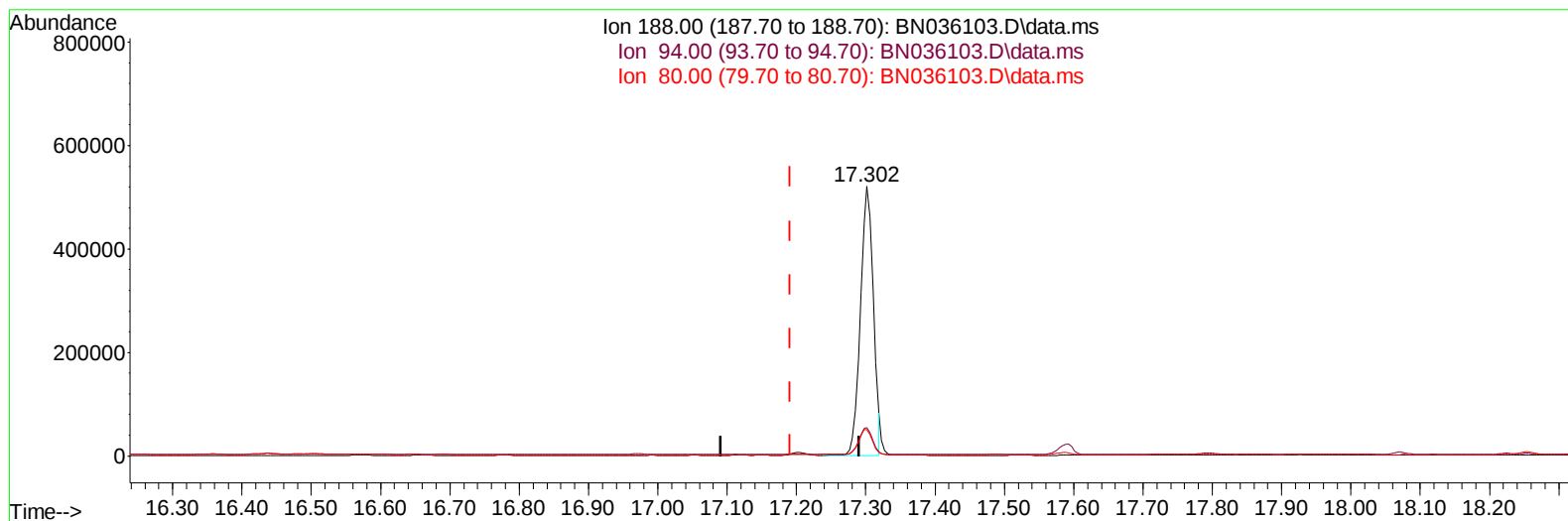
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN036103.D\data.ms

(13) Phenanthrene-d10 (I)

17.302min (+ 0.111) 0.40 ng/u1

response 670160

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.47
80.00	10.90	9.87
0.00	0.00	0.00

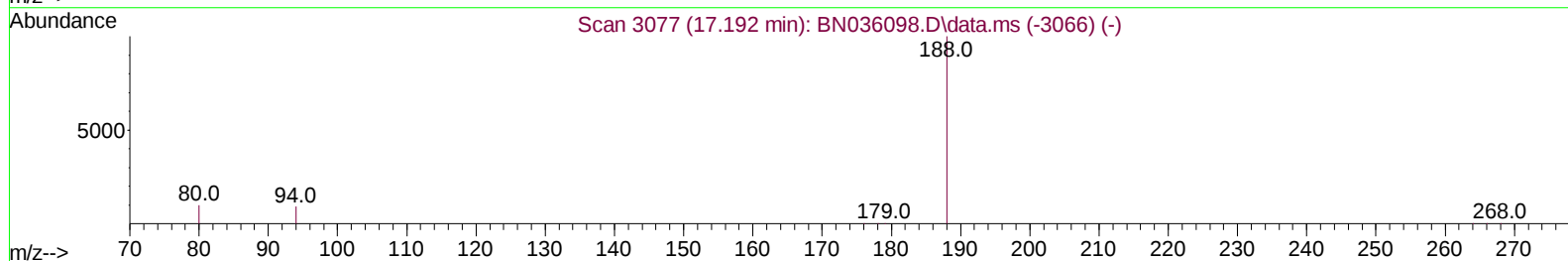
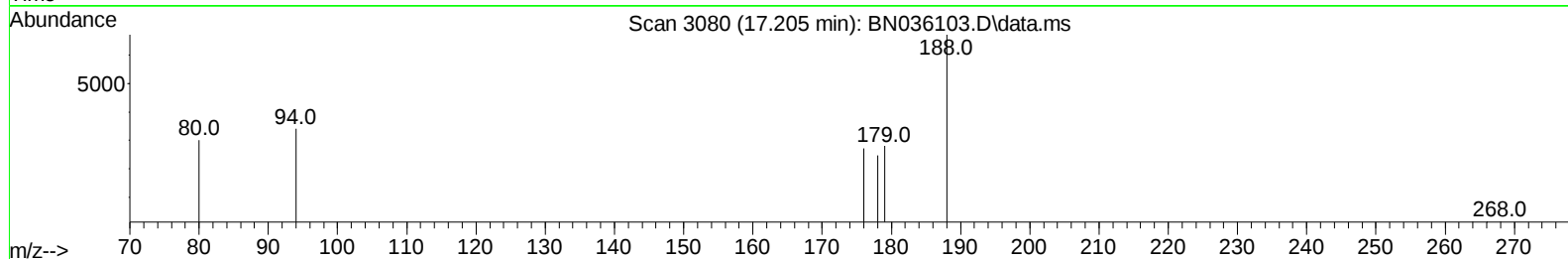
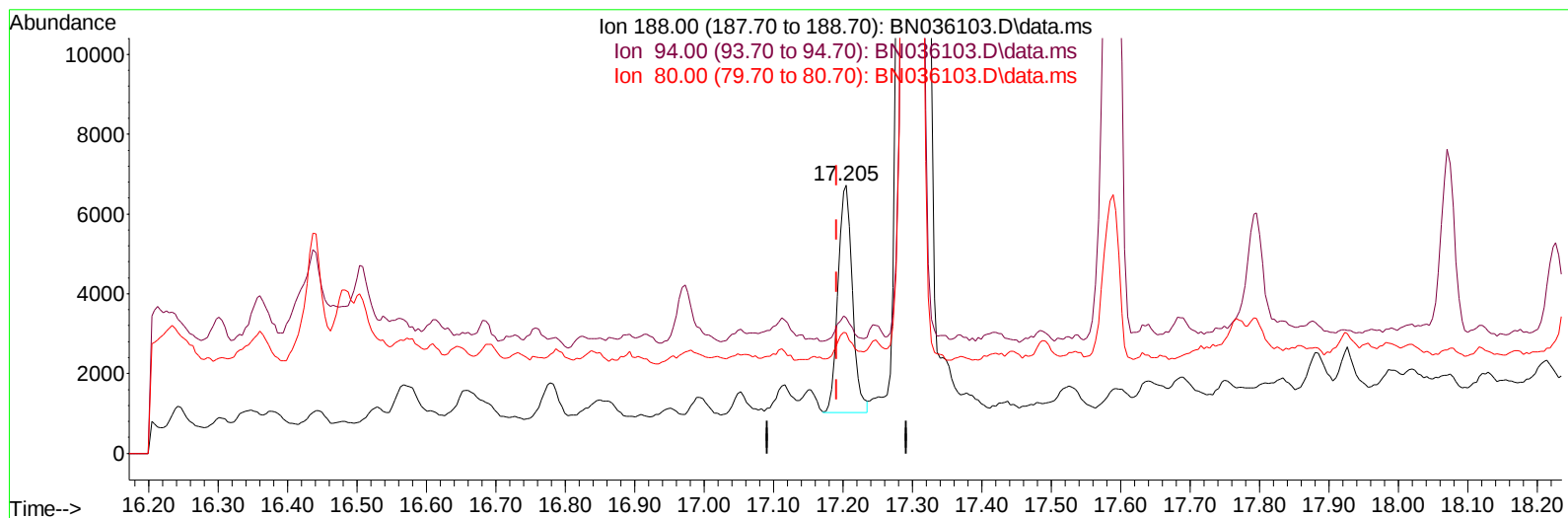
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN036103.D\data.ms

(13) Phenanthrene-d10 (I)

17.205min (+ 0.013) 0.40 ng/ul m

response 8149

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	50.68#
80.00	10.90	44.86#
0.00	0.00	0.00

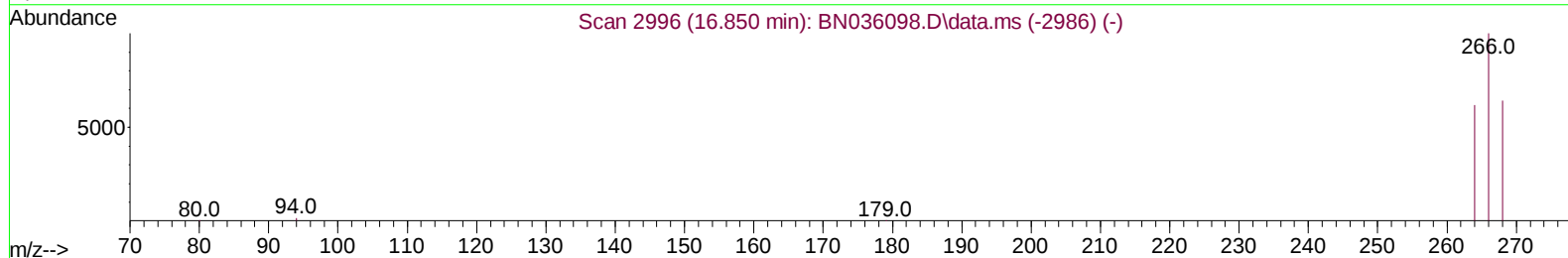
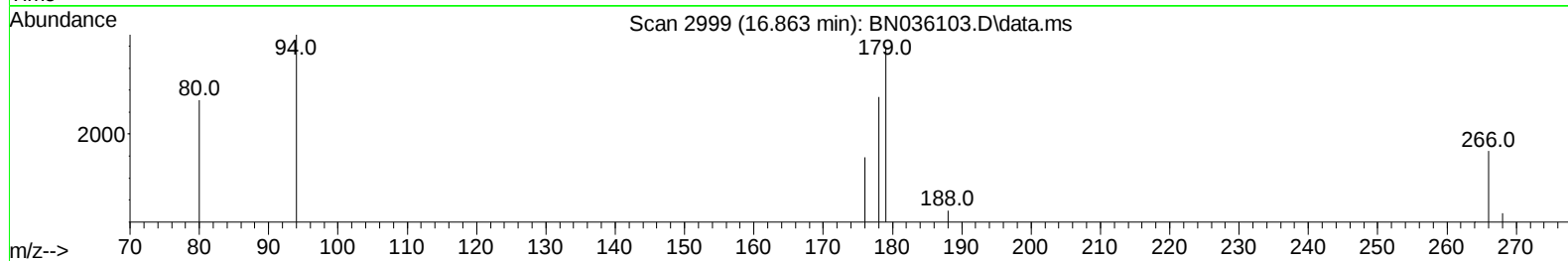
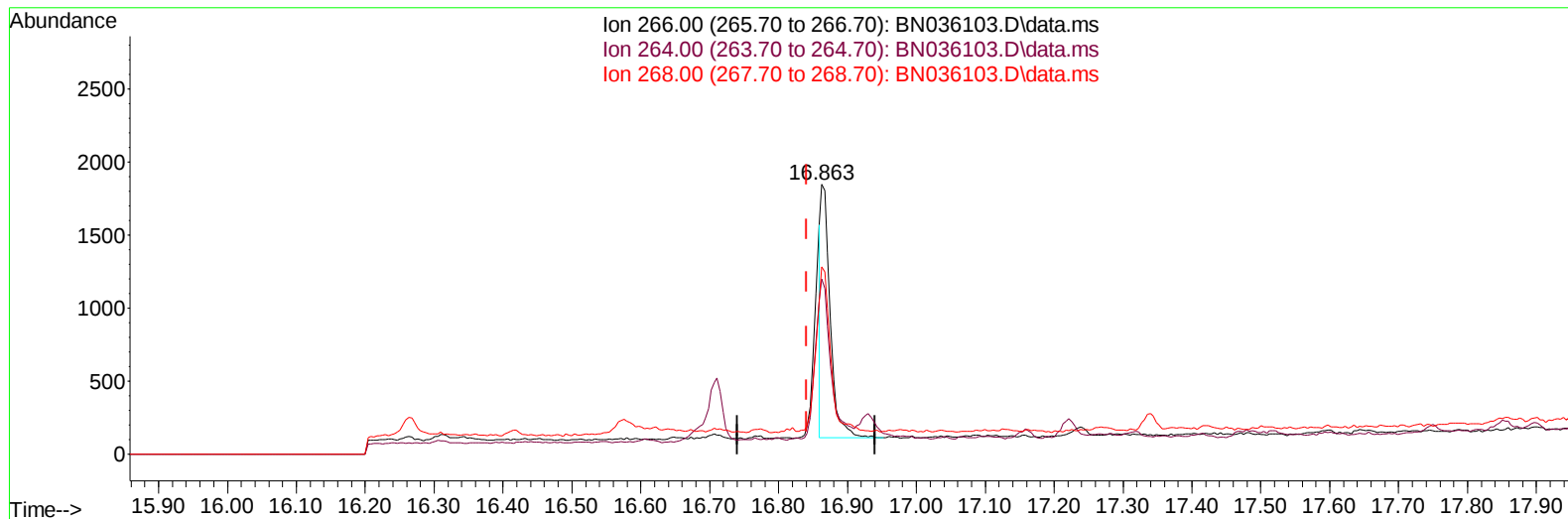
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
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Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN036103.D\data.ms

(14) Pentachlorophenol

16.863min (+ 0.022) 0.58 ng/u1

response 1663

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	63.20	0.00#
268.00	63.20	67.65
0.00	0.00	0.00

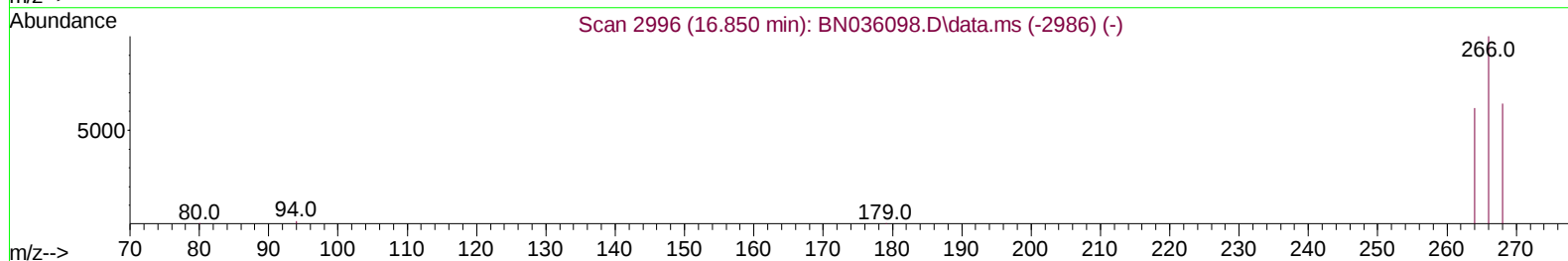
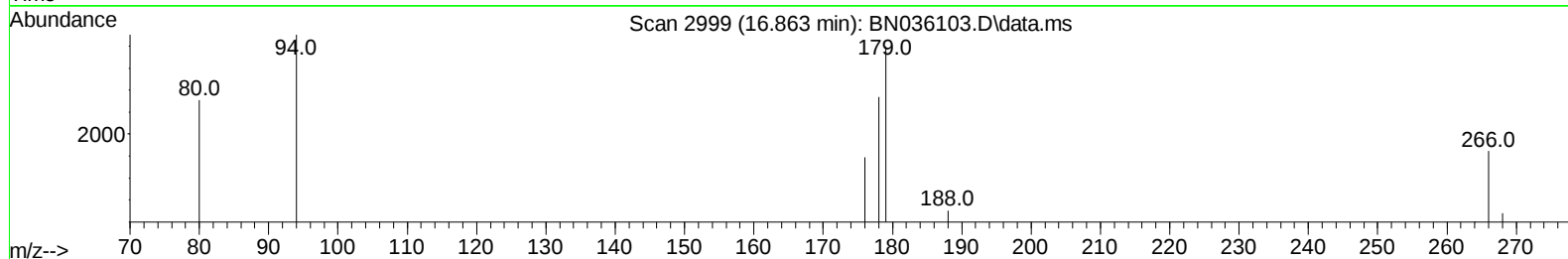
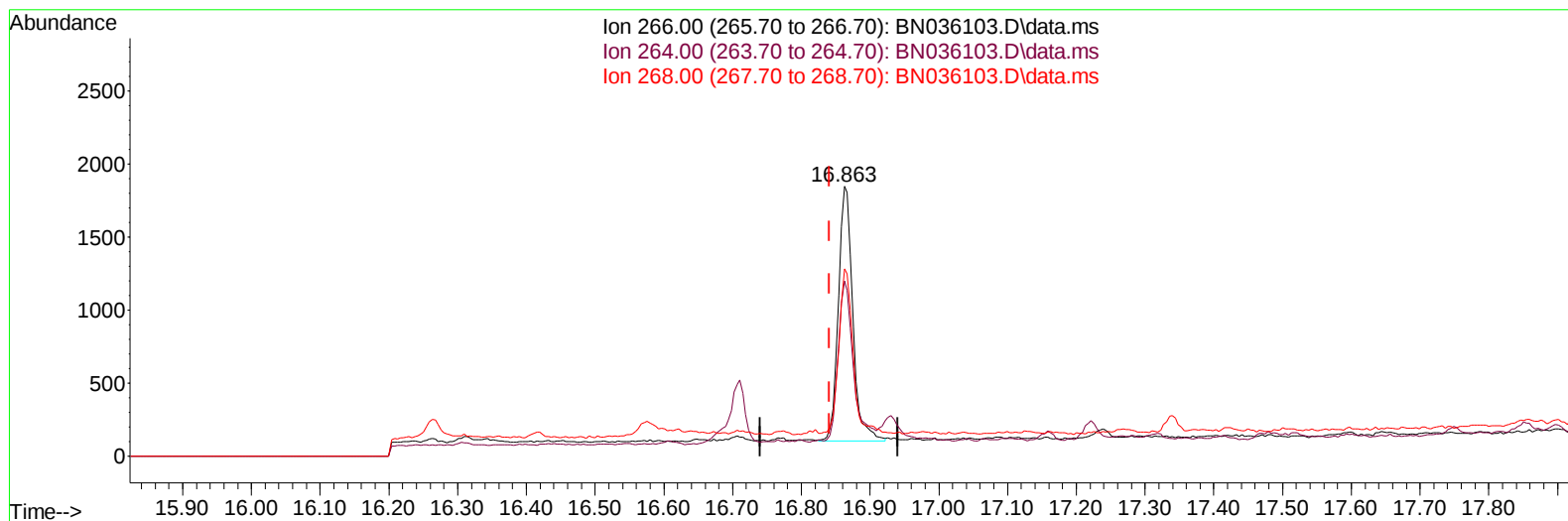
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



TIC: BN036103.D\data.ms

(14) Pentachloropheno1

16.863min (+ 0.022) 0.89 ng/u1 m

response 2529

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	63.20	0.00#
268.00	63.20	44.48#
0.00	0.00	0.00

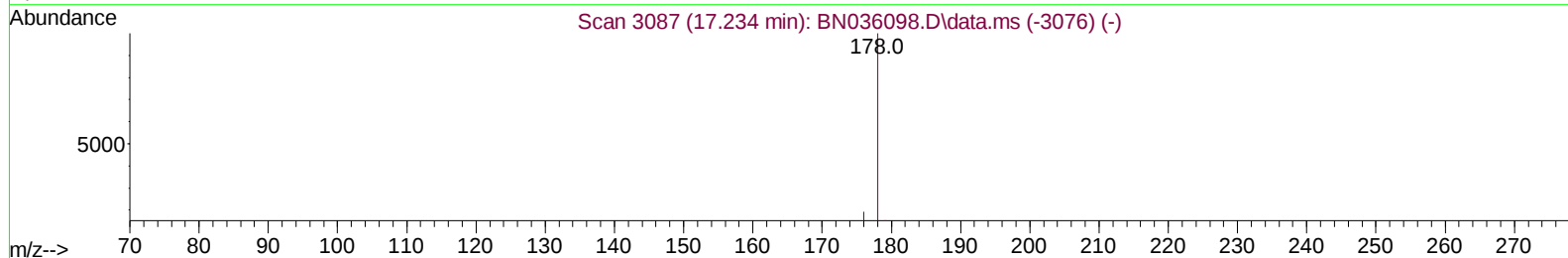
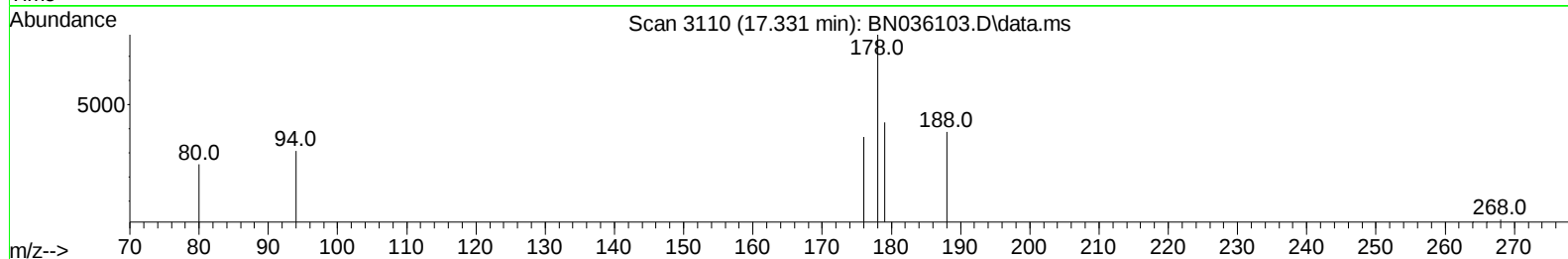
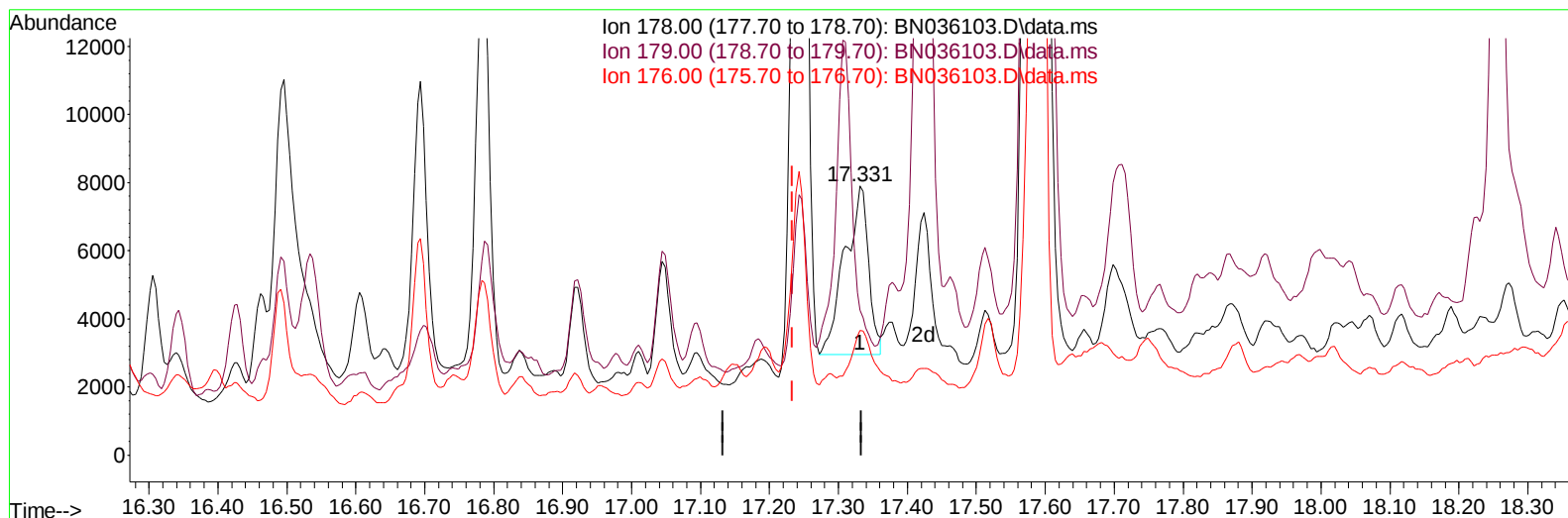
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 13:59:13 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN036103.D\data.ms

(15) Phenanthrene

17.331min (+ 0.098) 0.50 ng/u1

response 11860

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	53.81#
176.00	21.00	46.45#
0.00	0.00	0.00

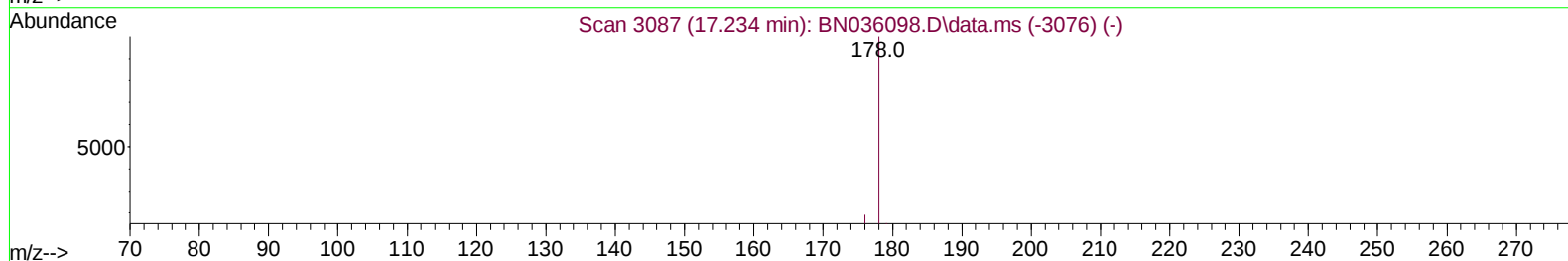
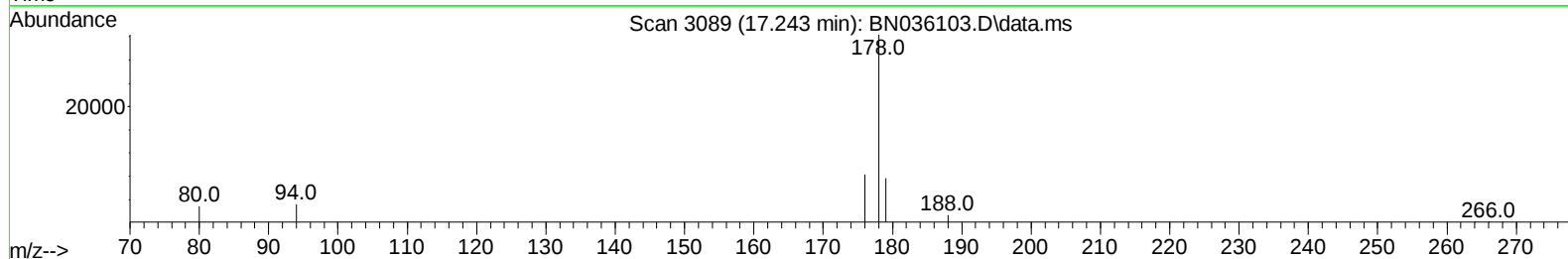
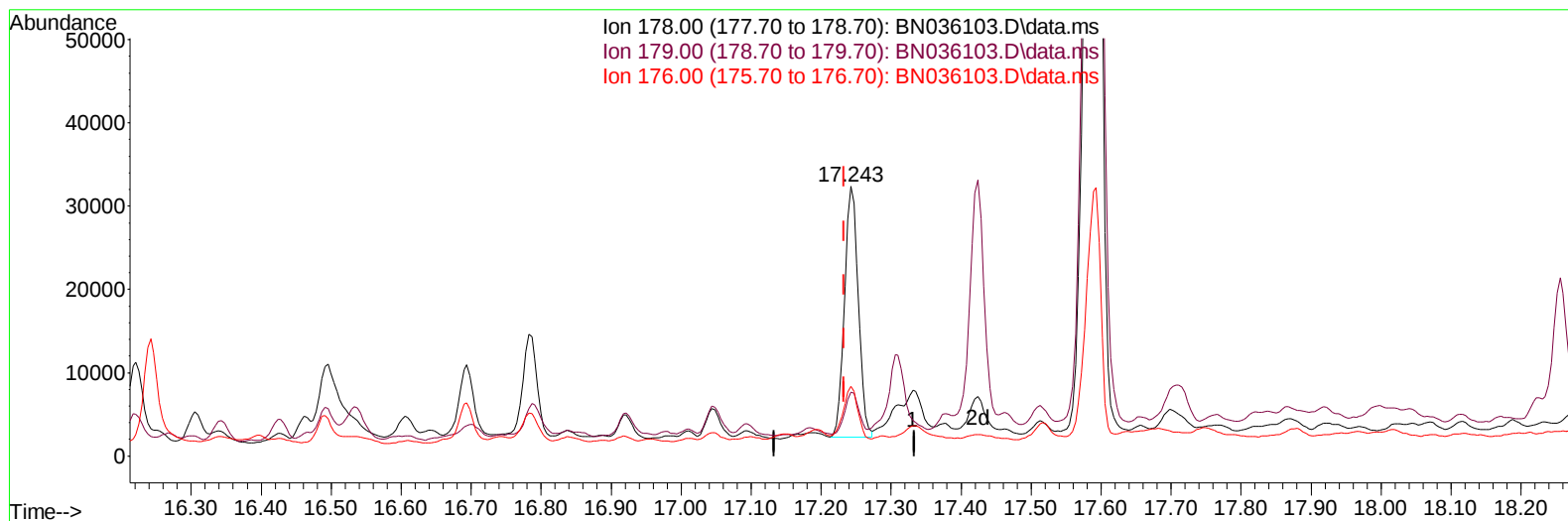
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
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QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036103.D\data.ms

(15) Phenanthrene

17.243min (+ 0.009) 1.73 ng/ul m

response 41267

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	23.64#
176.00	21.00	25.72#
0.00	0.00	0.00

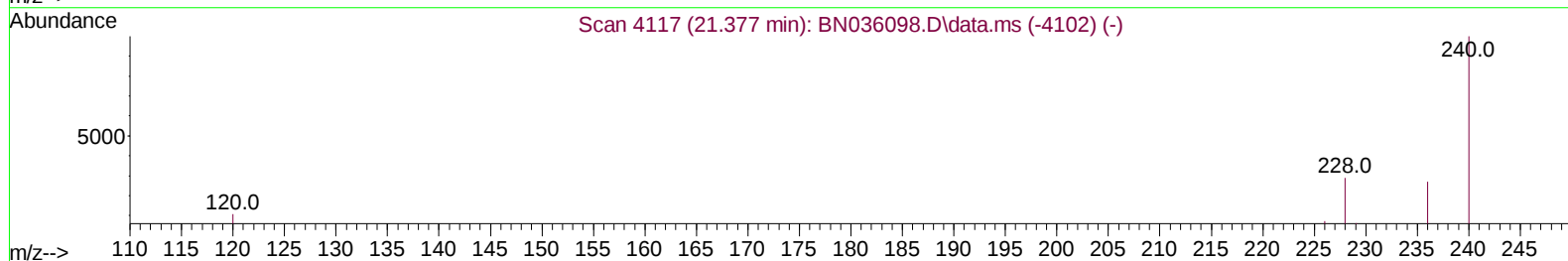
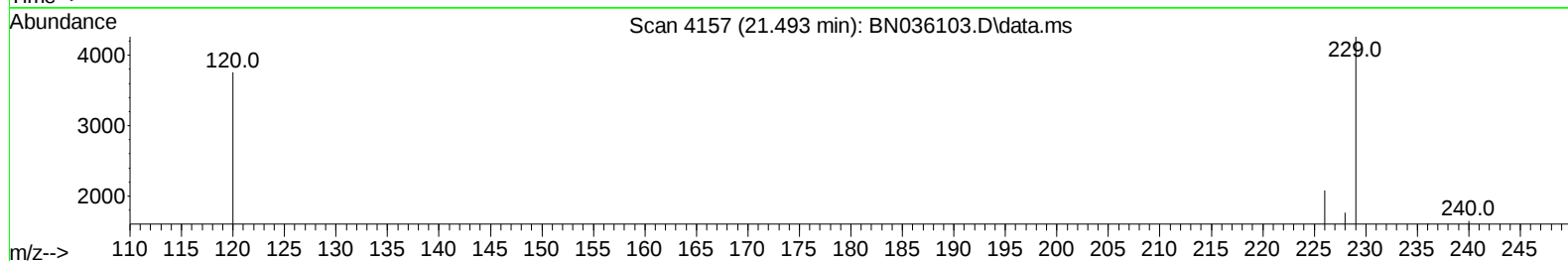
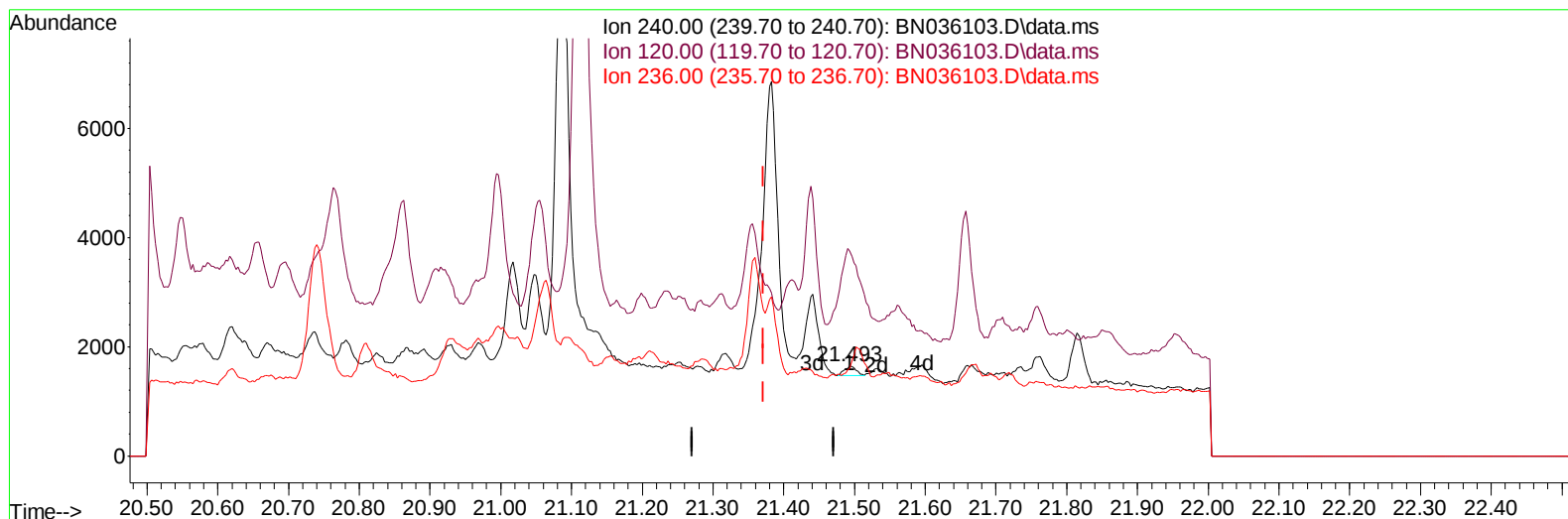
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036103.D\data.ms

(17) Chrysene-d12

21.493min (+ 0.122) 0.40 ng/u1

response 188

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	227.56#
236.00	29.00	97.09#
0.00	0.00	0.00

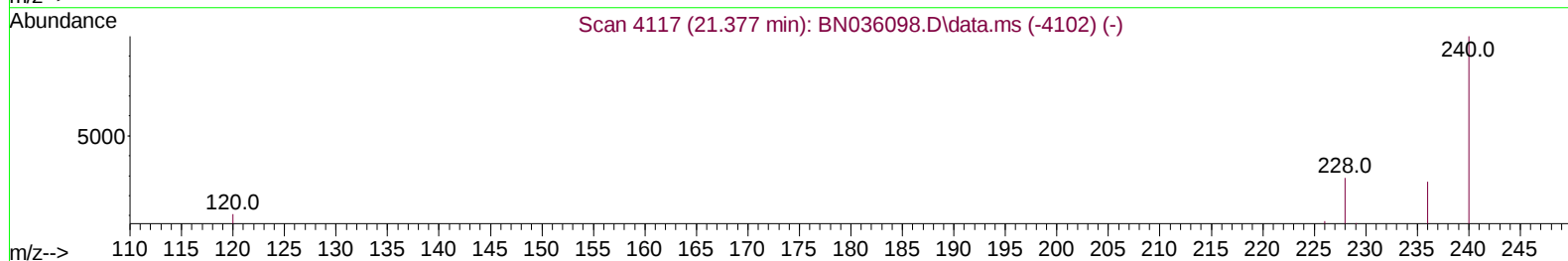
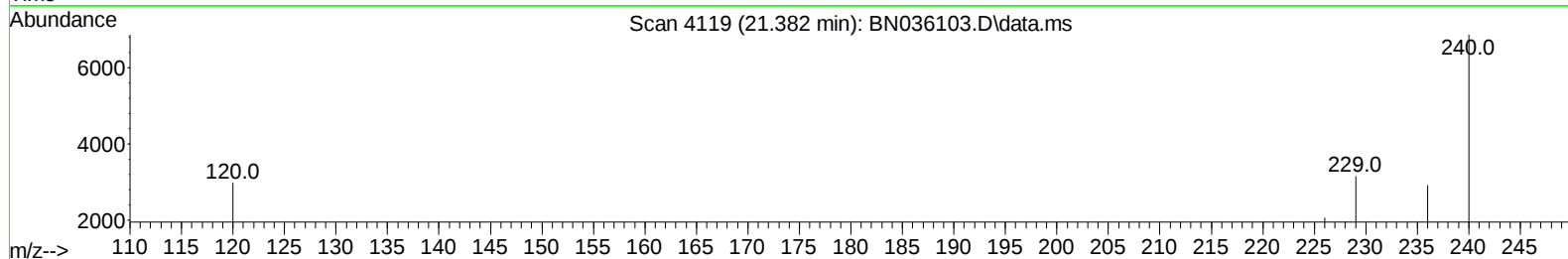
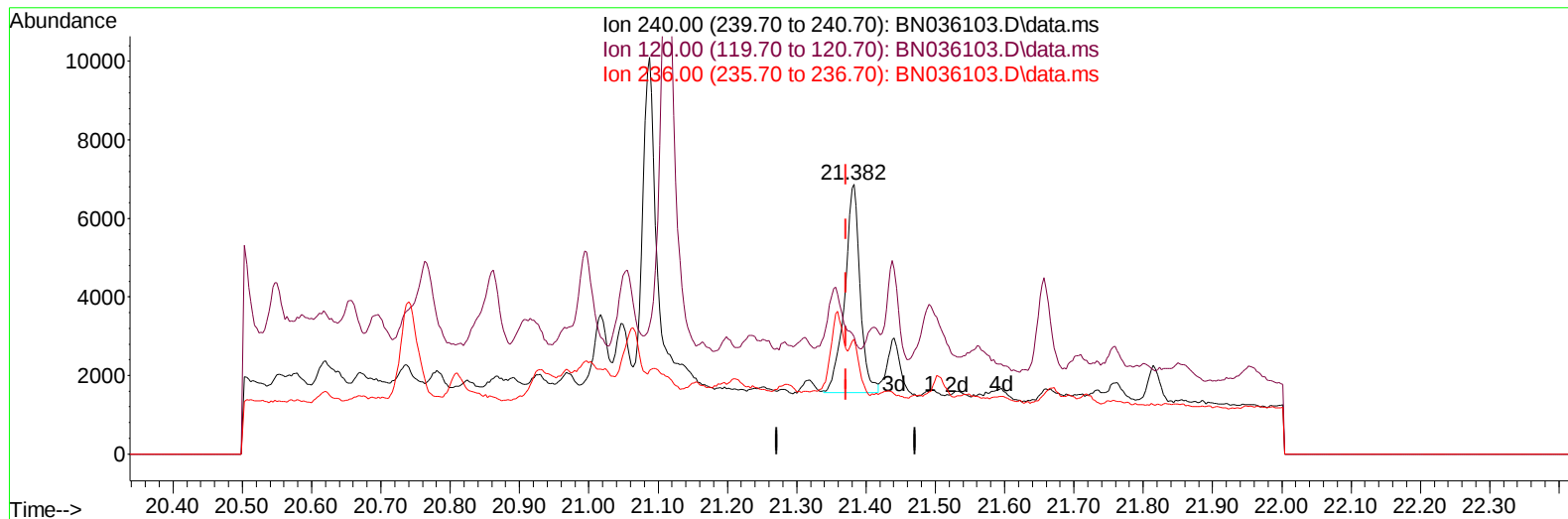
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
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QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036103.D\data.ms

(17) Chrysene-d12

21.382min (+ 0.011) 0.40 ng/ul m

response 8156

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	43.48#
236.00	29.00	42.55#
0.00	0.00	0.00

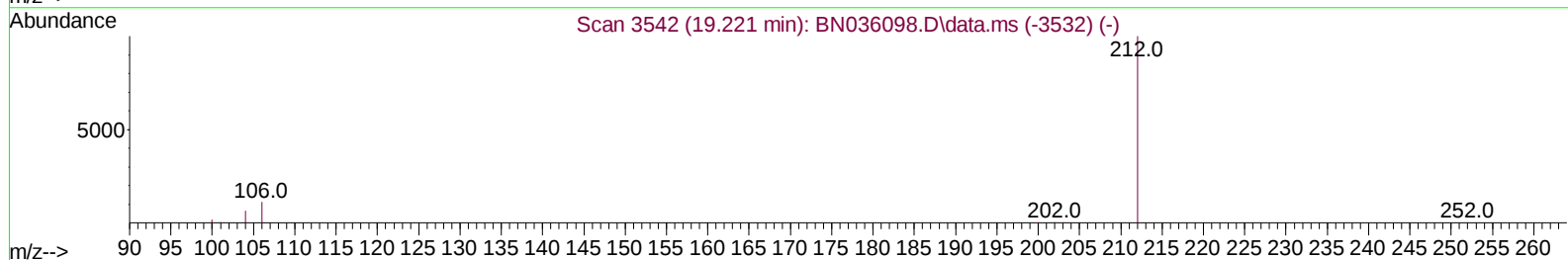
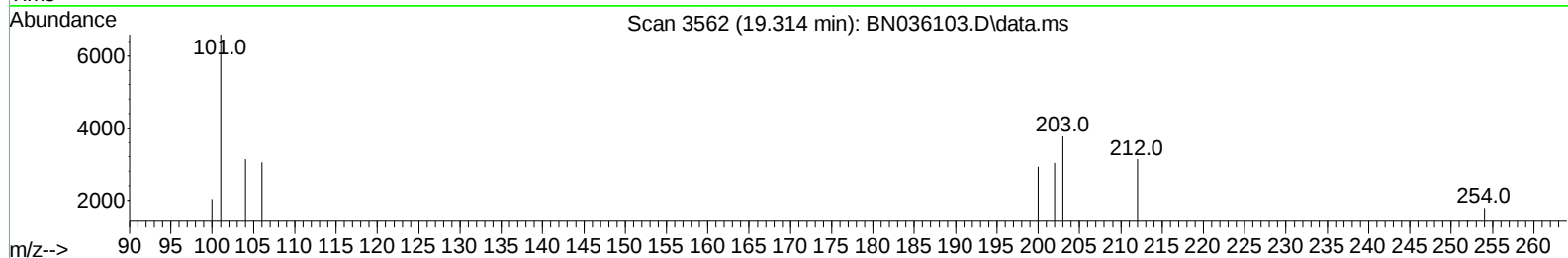
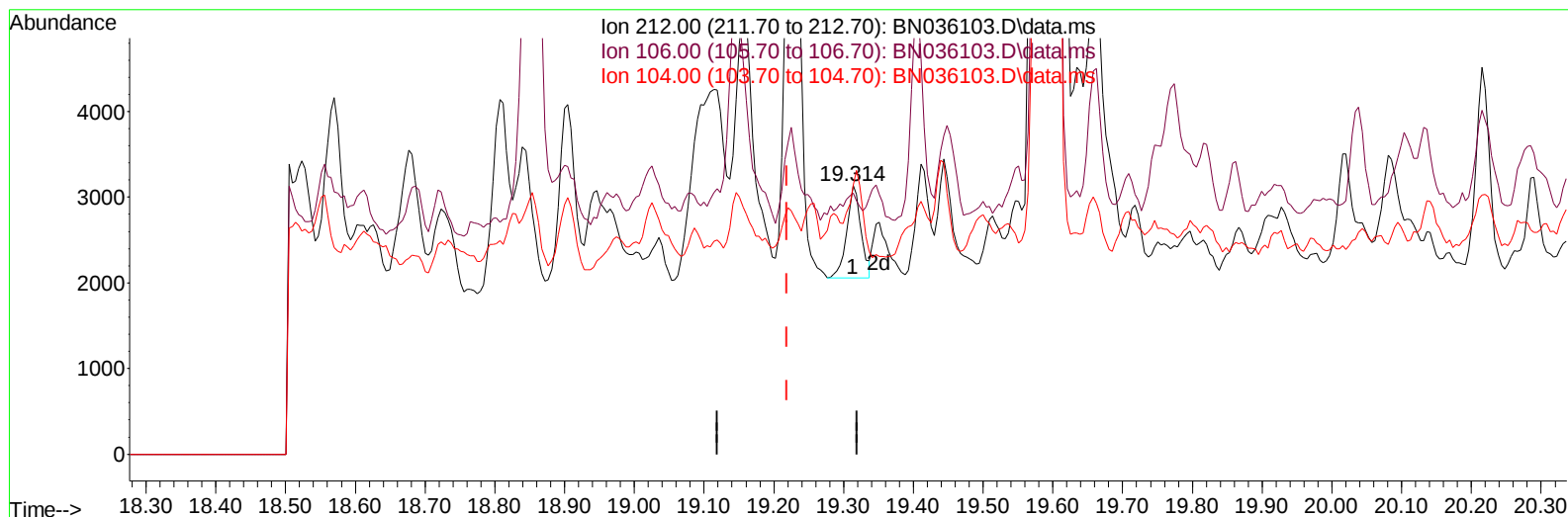
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
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TIC: BN036103.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.314min (+ 0.094) 0.07 ng/u1

response 1527

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	41.45#
104.00	6.90	85.59#
0.00	0.00	0.00

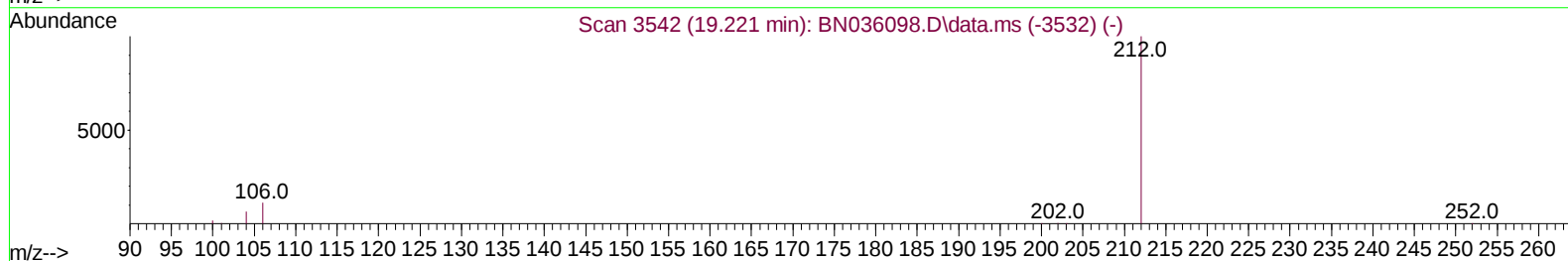
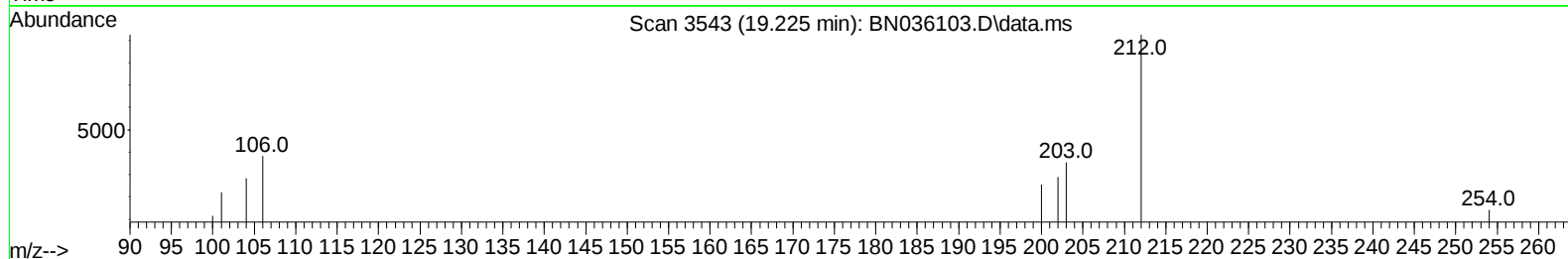
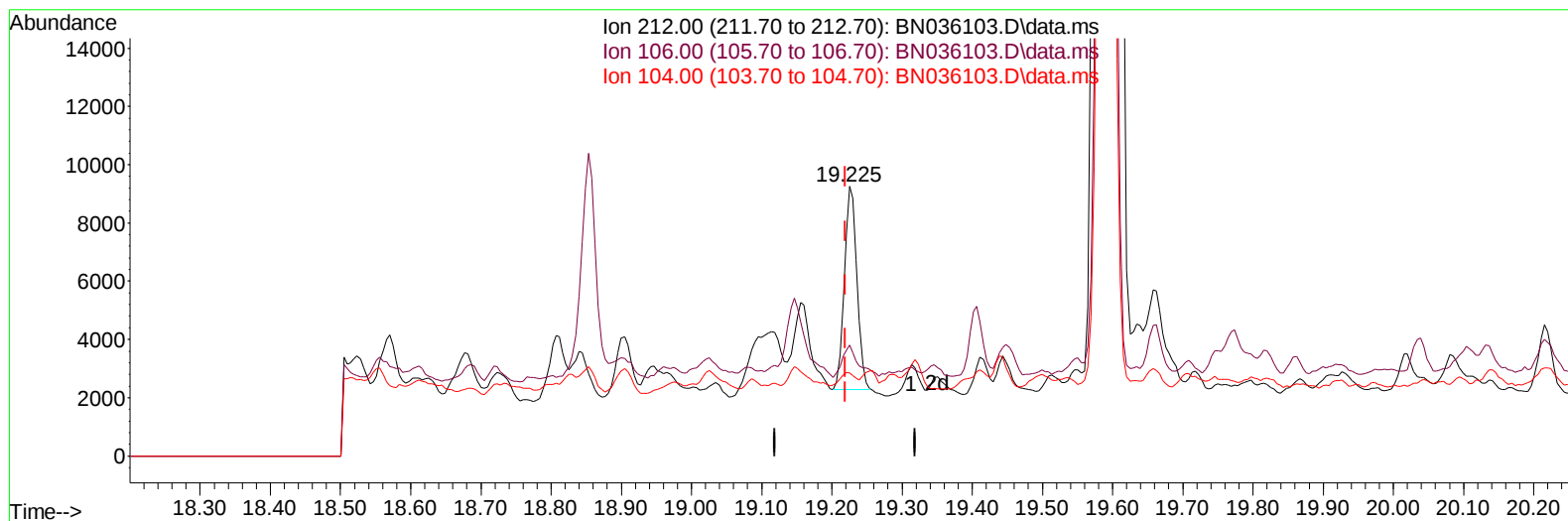
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
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TIC: BN036103.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.225min (+ 0.006) 0.39 ng/u1 m

response 8732

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	7.25#
104.00	6.90	14.97#
0.00	0.00	0.00

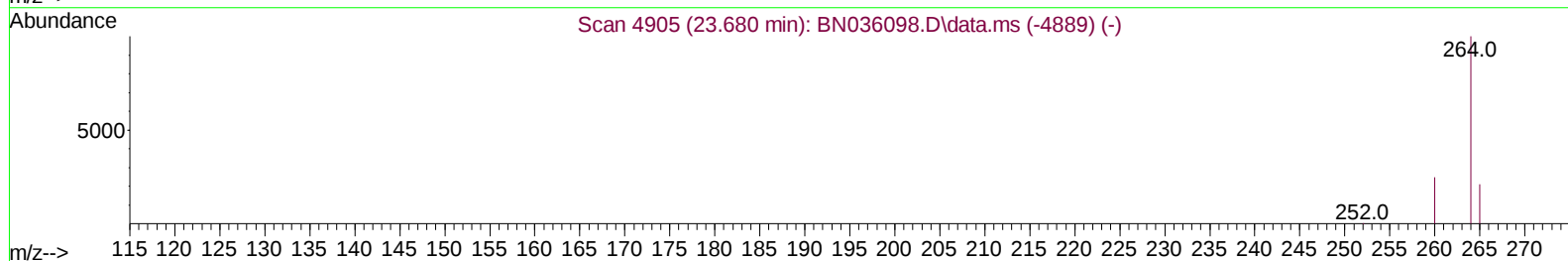
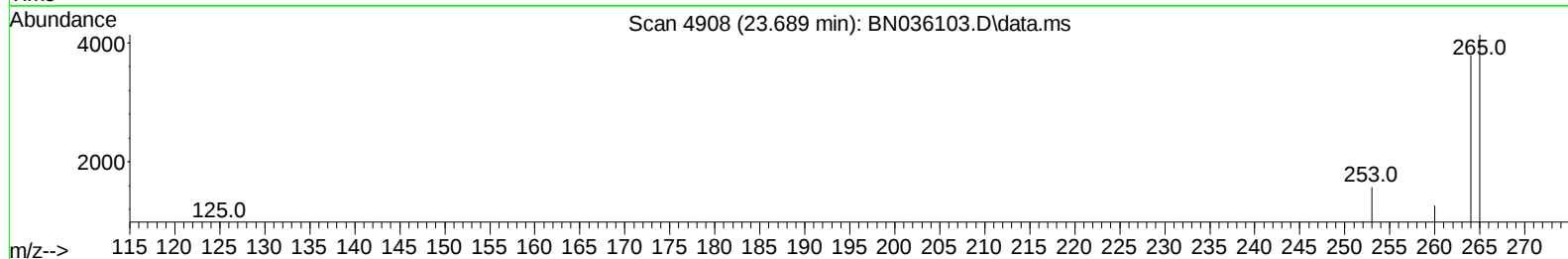
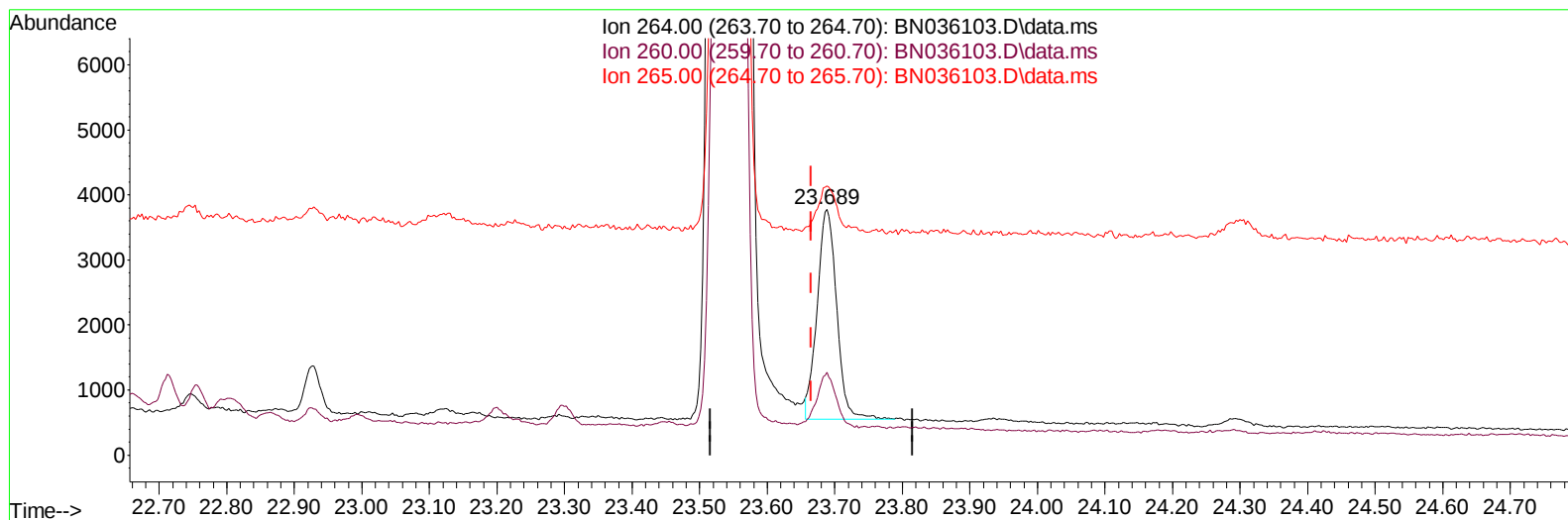
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

Quant Time: Jan 29 13:59:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Tue Jan 21 23:52:22 2025
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TIC: BN036103.D\data.ms

(23) Perylene-d12 (I)

23.689min (+ 0.023) 0.40 ng/u1

response 6521

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	33.56#
265.00	53.20	109.45#
0.00	0.00	0.00

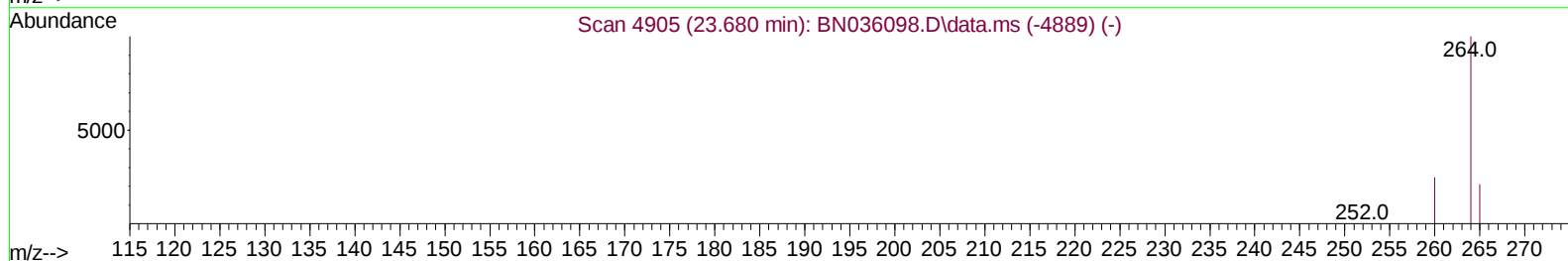
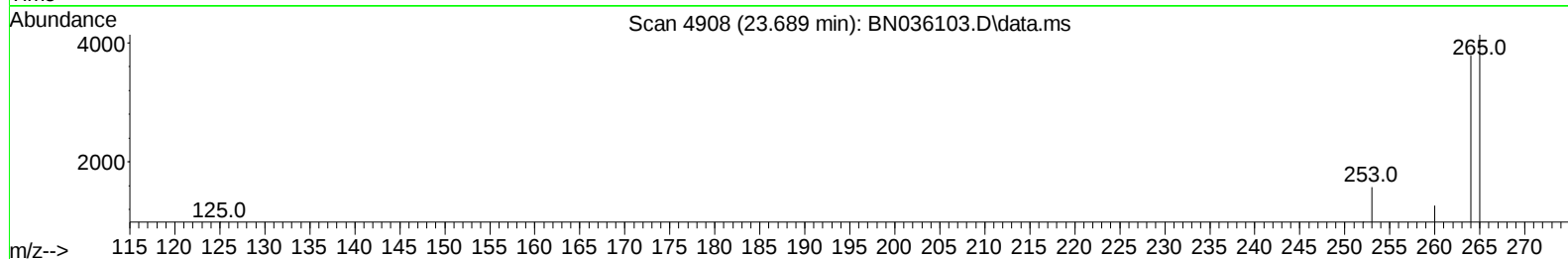
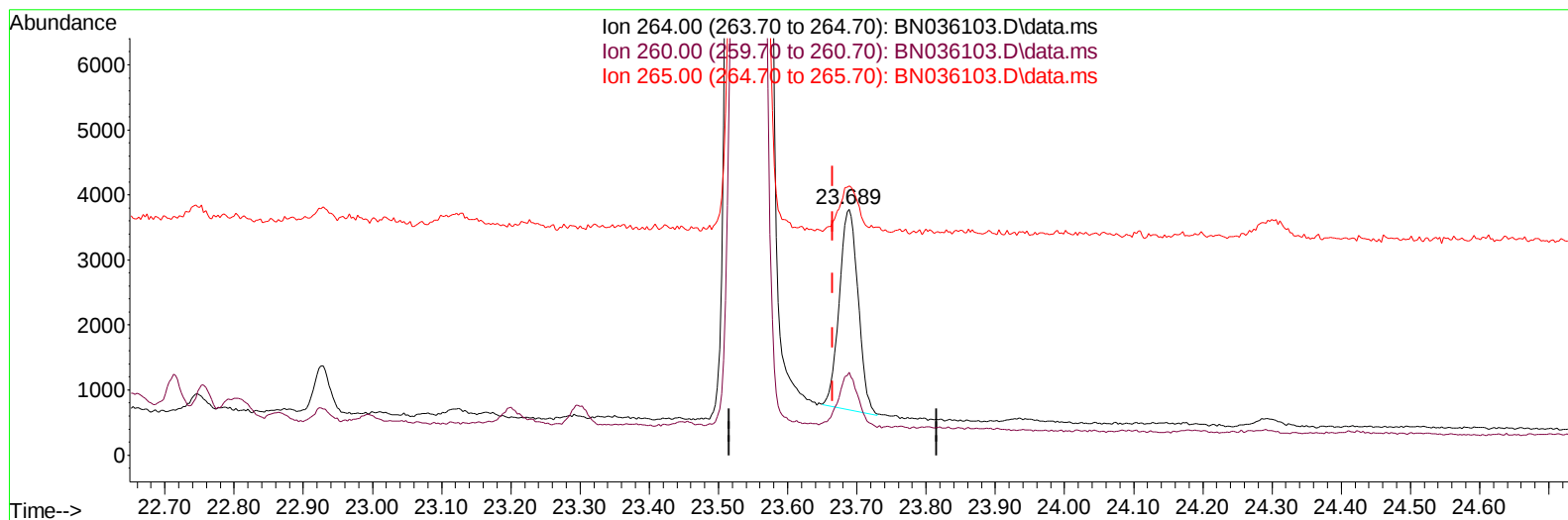
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036103.D
Acq On : 29 Jan 2025 10:06
Operator : RC/JU
Sample : Q1184-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2966

Manual IntegrationsAPPROVED

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TIC: BN036103.D\data.ms

(23) Perylene-d12 (I)

23.689min (+ 0.023) 0.40 ng/ul m

response 5821

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	33.56#
265.00	53.20	109.45#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036103.D
 Acq On : 29 Jan 2025 10:06
 Operator : RC/JU
 Sample : Q1184-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.807	152		2926	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.737	136		5874m	0.400	ng/ul	0.13
9) Acenaphthene-d10	14.488	164		11912m	0.400	ng/ul	0.04
13) Phenanthrene-d10	17.205	188		8149m	0.400	ng/ul	0.01
17) Chrysene-d12	21.382	240		8156m	0.400	ng/ul	0.01
23) Perylene-d12	23.689	264		5821m	0.400	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.276	96		13916	4.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.238	152		2095	0.282	ng/ul	0.04
18) Fluoranthene-d10	19.225	212		8732m	0.390	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.677	128		2218345m	137.086	ng/ul	
7) 2-Methylnaphthalene	12.315	142		96709m	9.621	ng/ul	
8) 1-Methylnaphthalene	12.535	142		77361m	7.583	ng/ul	
11) Acenaphthene	14.552	153		54229	1.312	ng/ul#	78
12) Fluorene	15.519	166		15075	0.330	ng/ul#	79
14) Pentachlorophenol	16.863	266		2529m	0.886	ng/ul	
15) Phenanthrene	17.243	178		41267m	1.729	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
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