

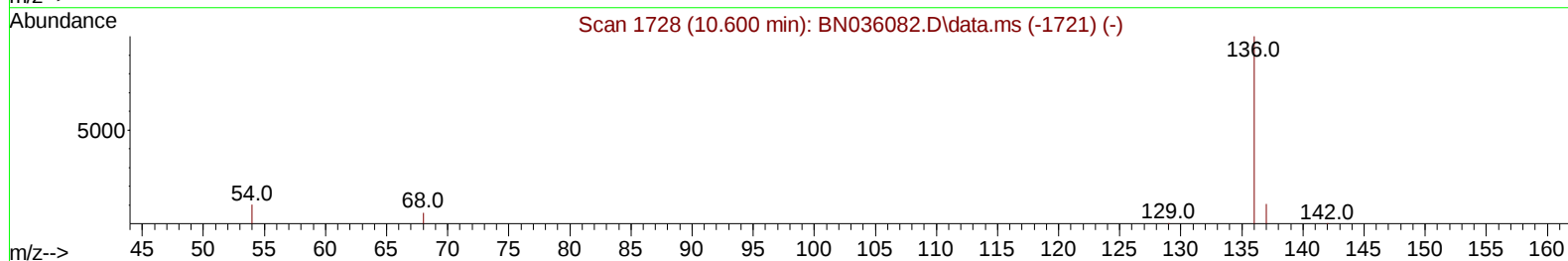
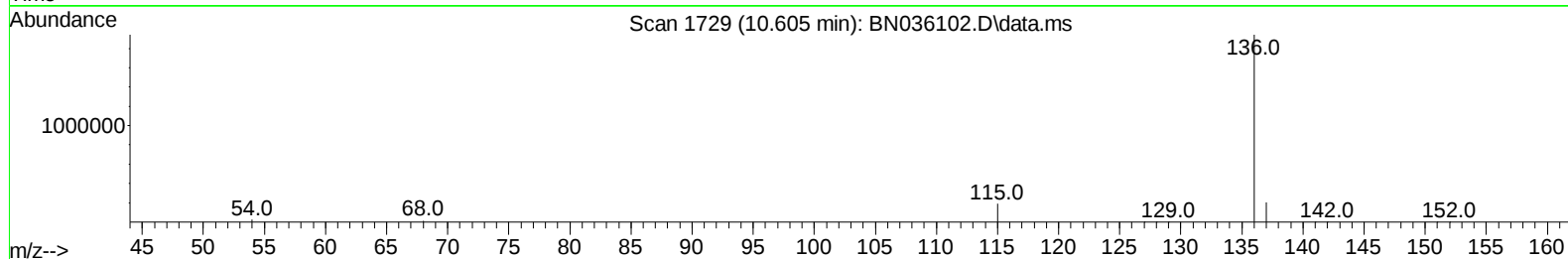
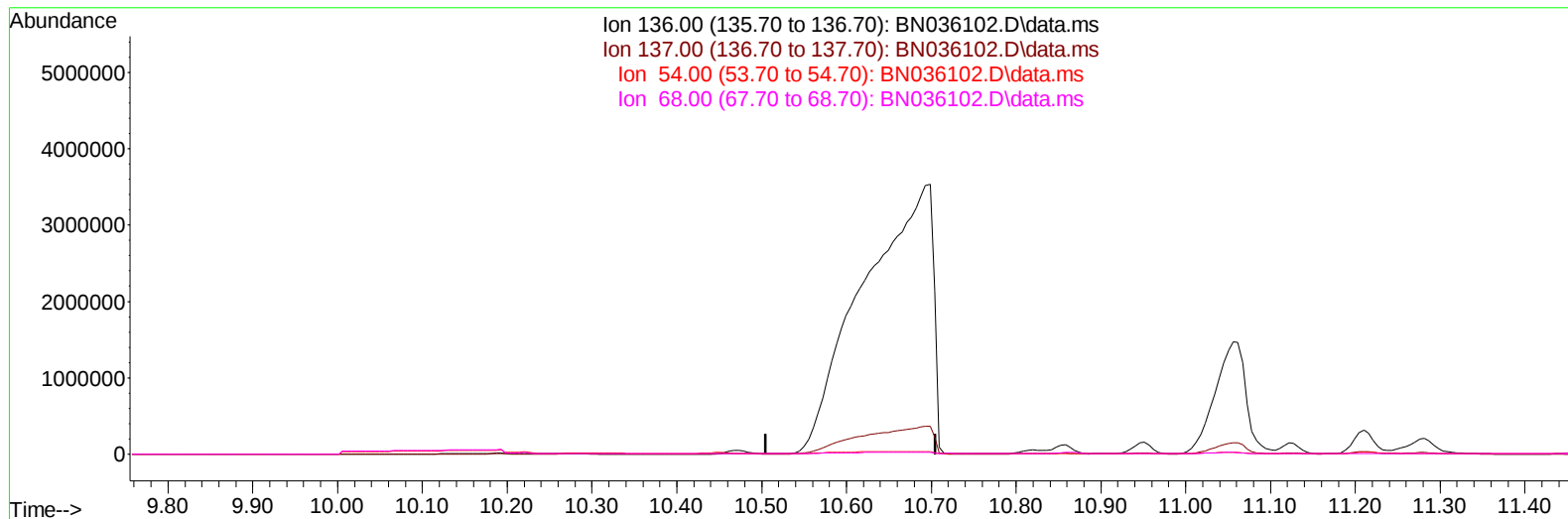
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.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#

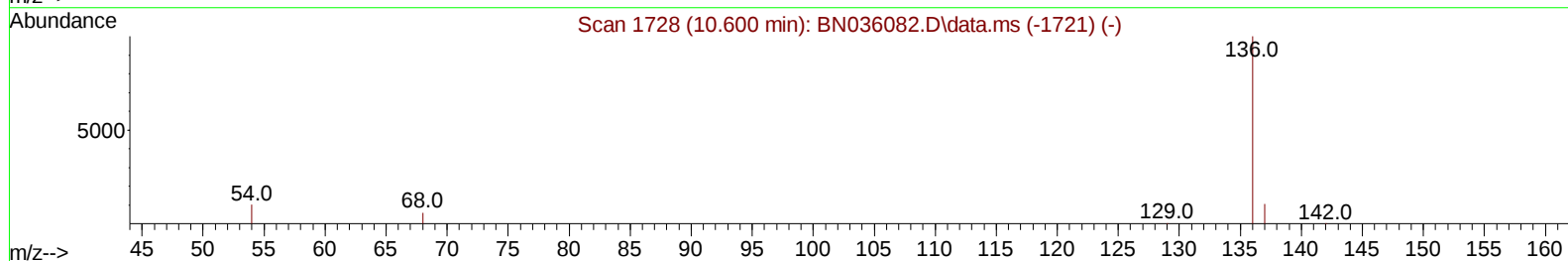
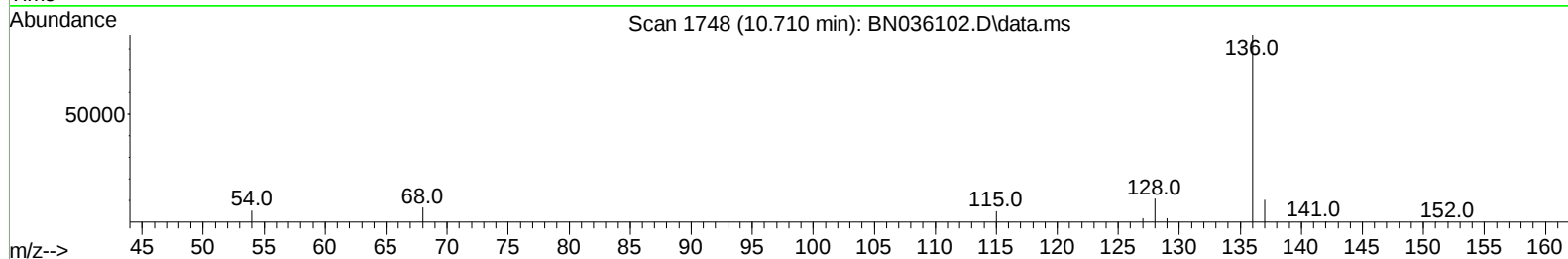
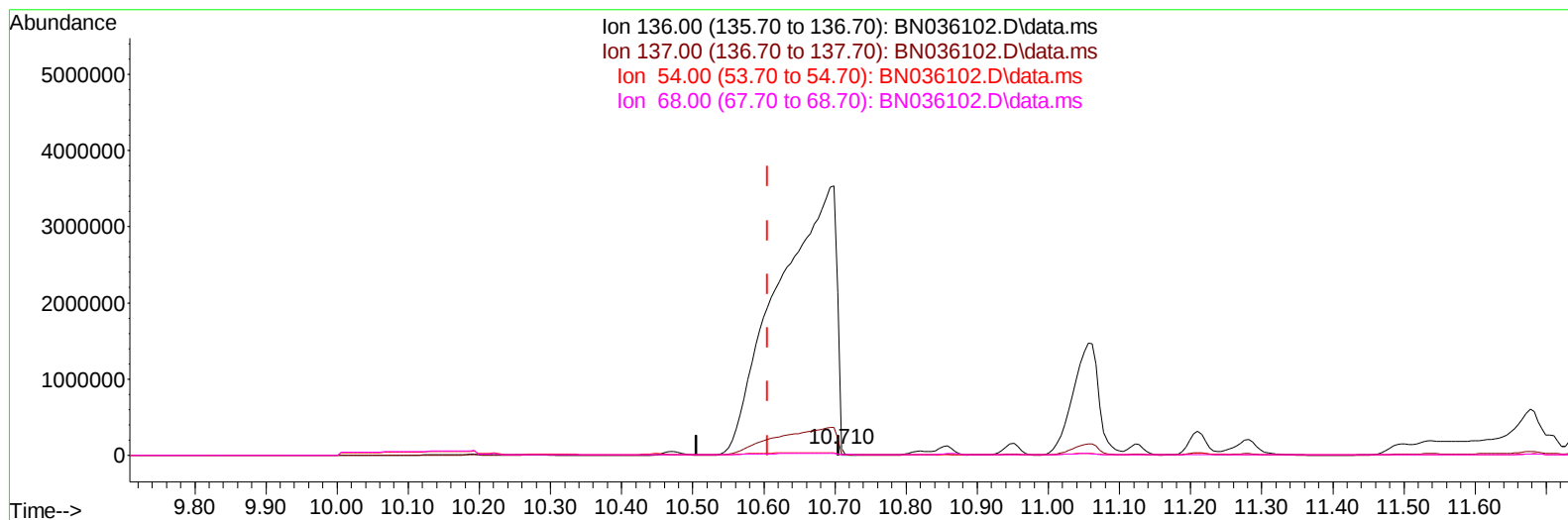
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(4) Naphthalene-d8 (I)

10.710min (+ 0.104) 0.40 ng/ul m

response 6911

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	12.09
54.00	12.80	6.43#
68.00	8.10	7.94

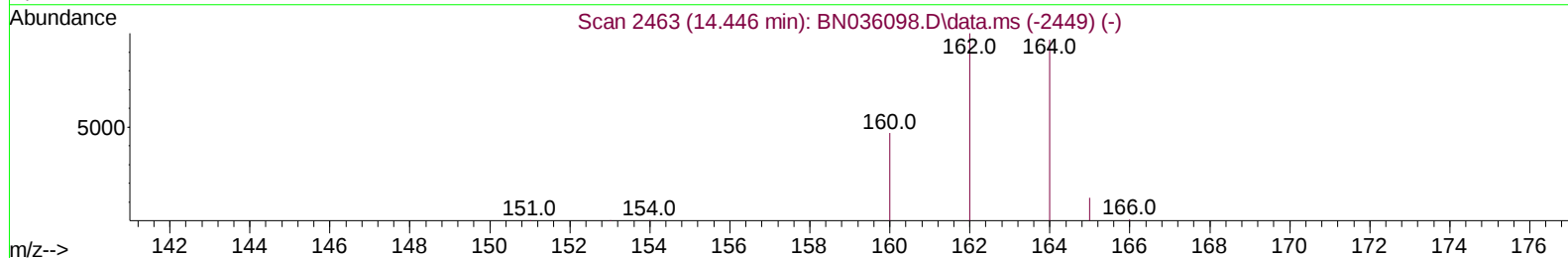
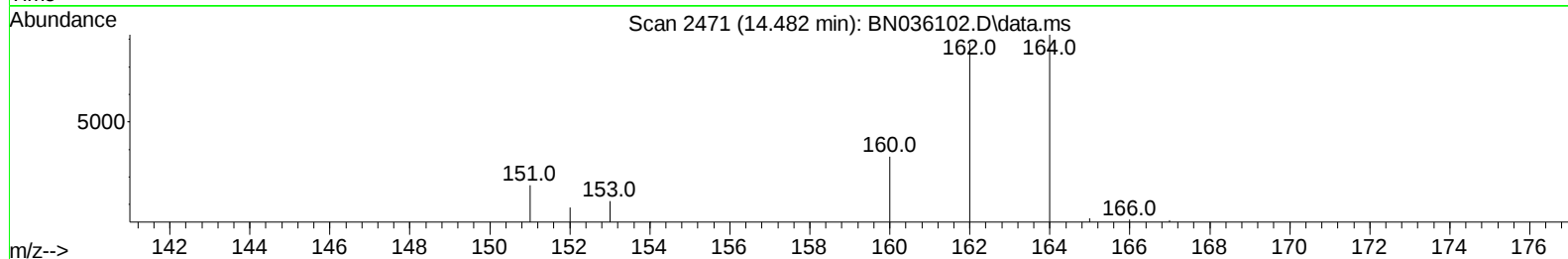
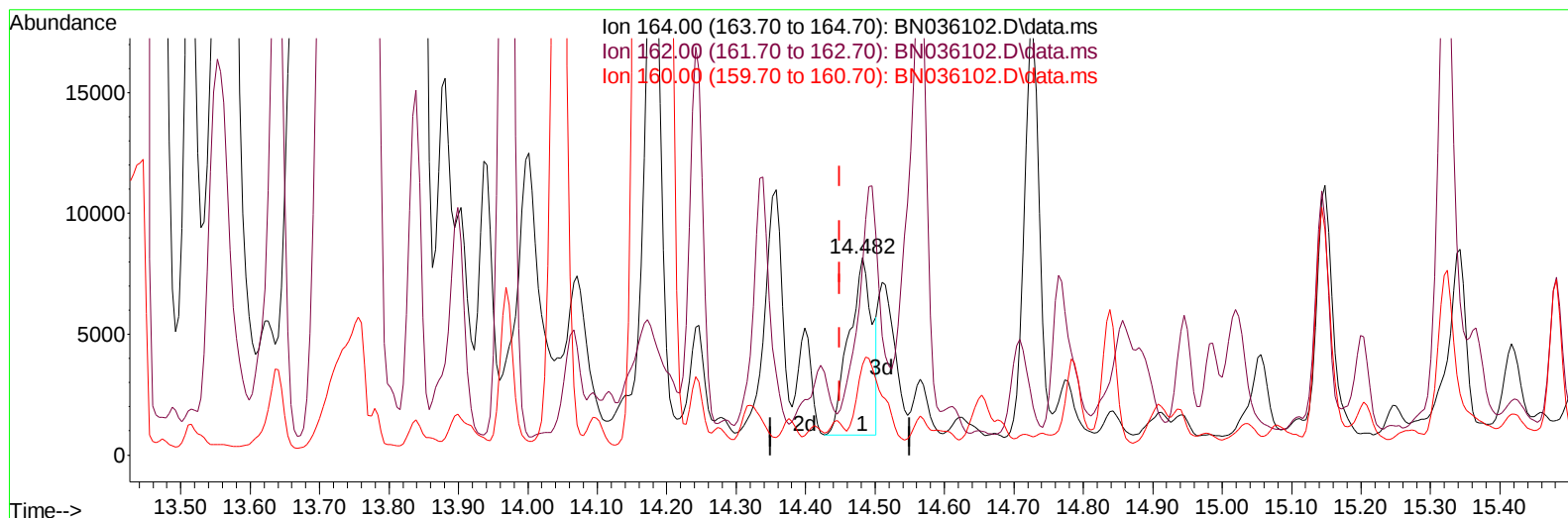
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(9) Acenaphthene-d10 (I)

14.482min (+ 0.032) 0.40 ng/u1

response 16914

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	95.93
160.00	54.60	45.68
0.00	0.00	0.00

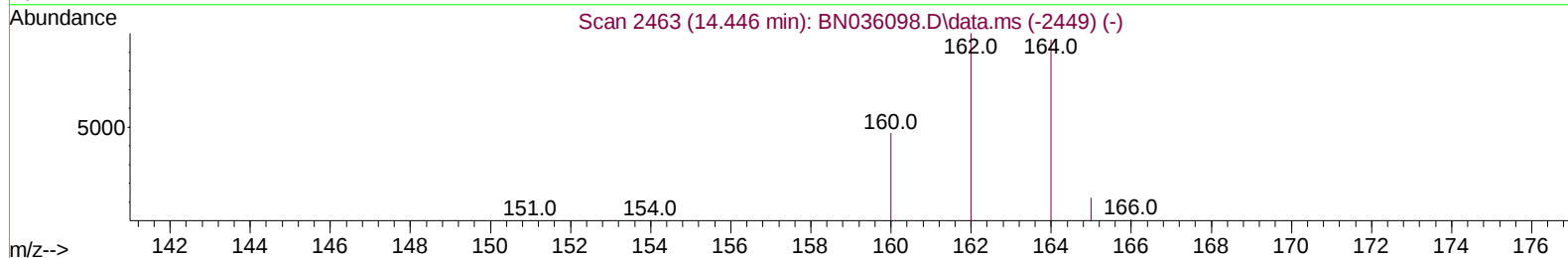
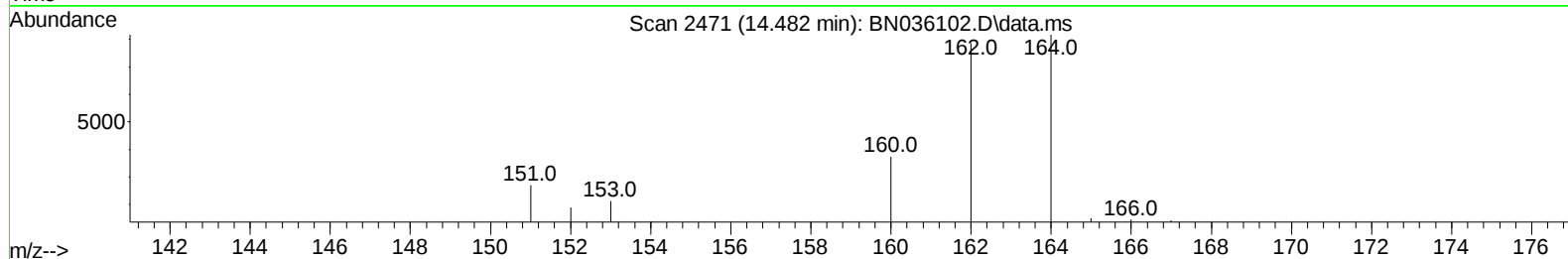
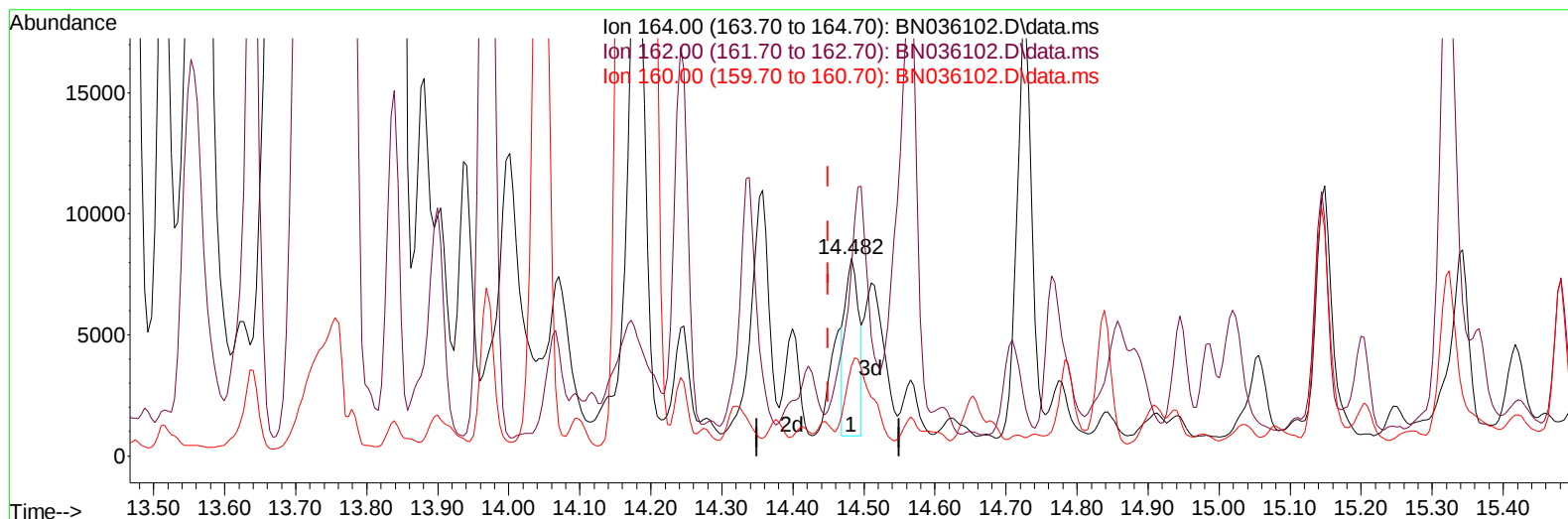
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(9) Acenaphthene-d10 (I)

14.482min (+ 0.032) 0.40 ng/ul m

response 9909

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.40	95.93
160.00	54.60	45.68
0.00	0.00	0.00

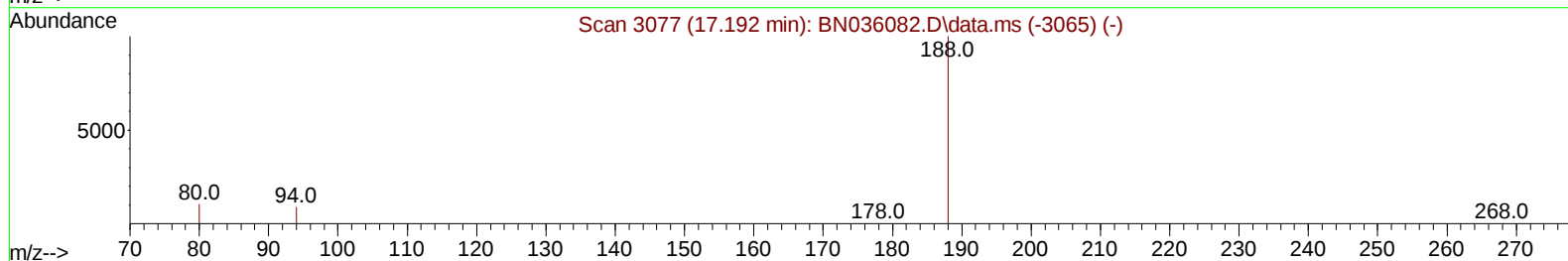
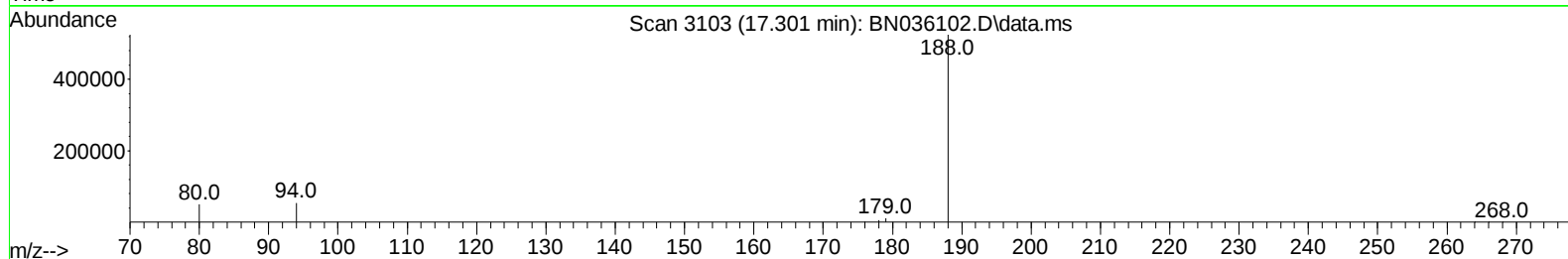
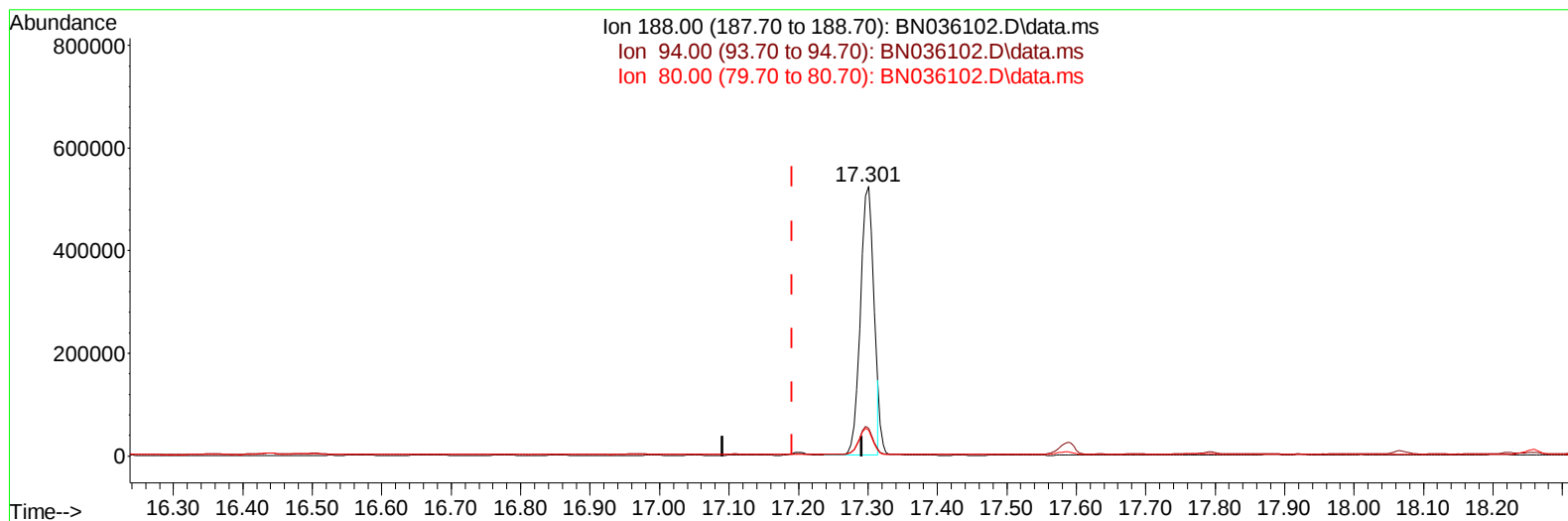
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036102.D\data.ms

(13) Phenanthrene-d10 (I)

17.301min (+ 0.110) 0.40 ng/u1

response 694978

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.36
80.00	10.90	9.65
0.00	0.00	0.00

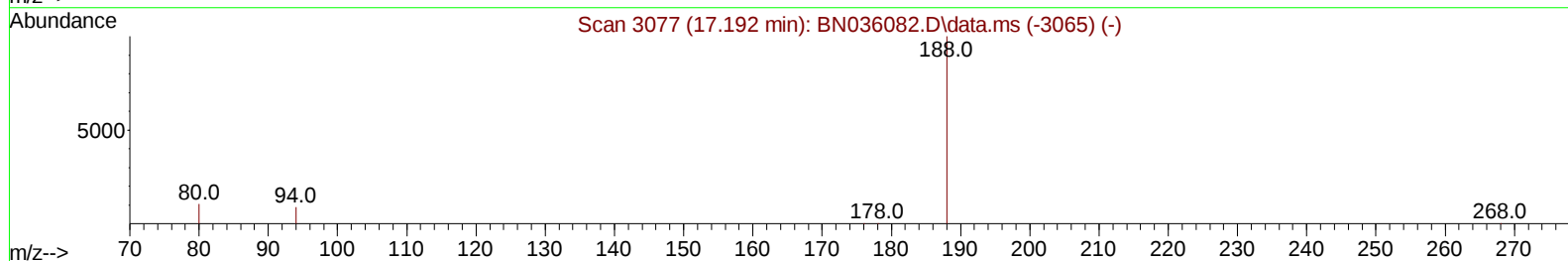
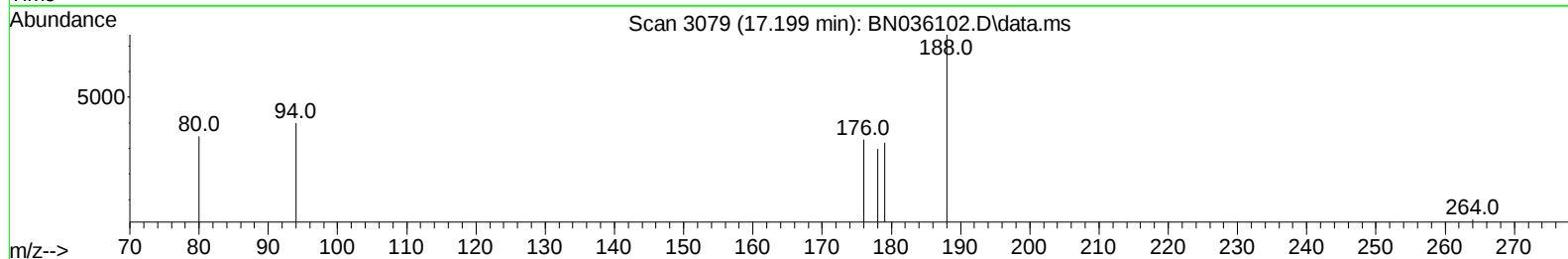
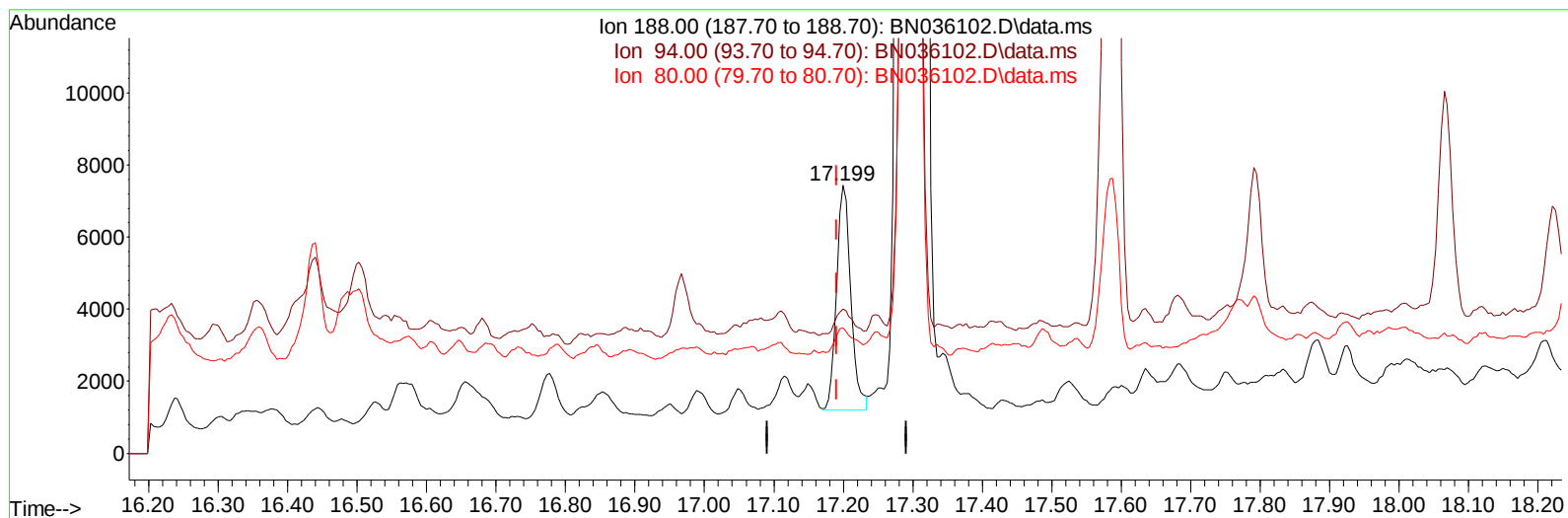
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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

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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036102.D\data.ms

(13) Phenanthrene-d10 (I)

17.199min (+ 0.008) 0.40 ng/u1 m

response 8885

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	53.79#
80.00	10.90	46.78#
0.00	0.00	0.00

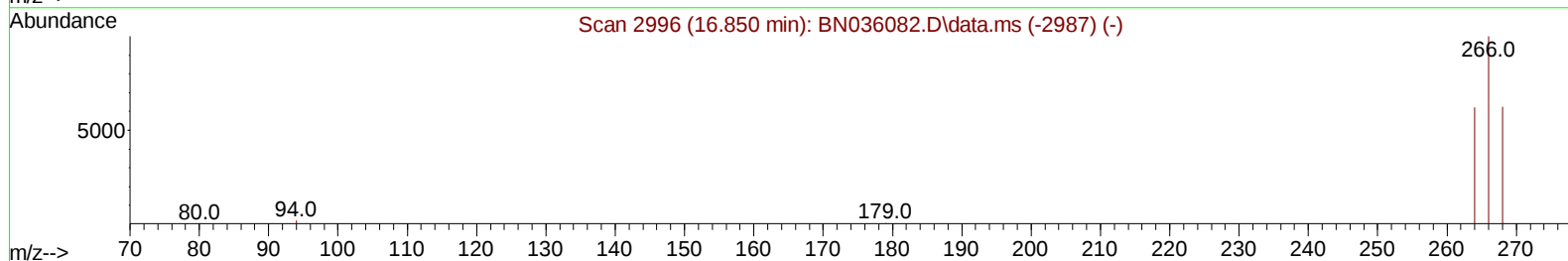
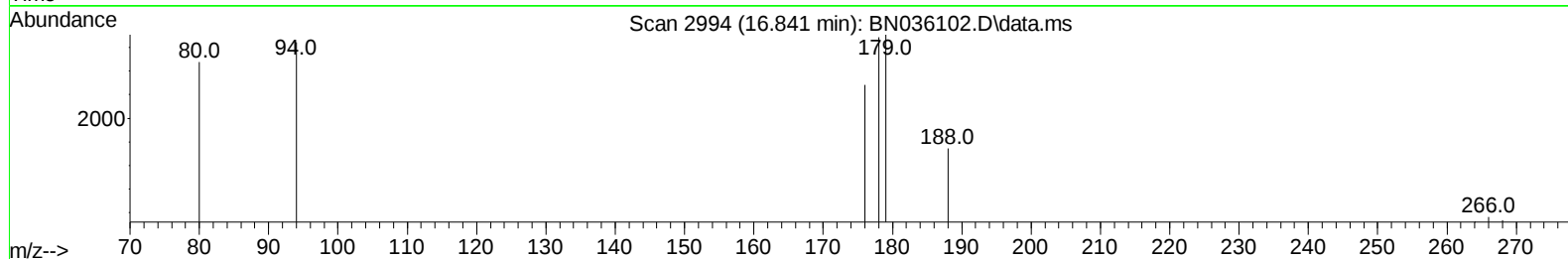
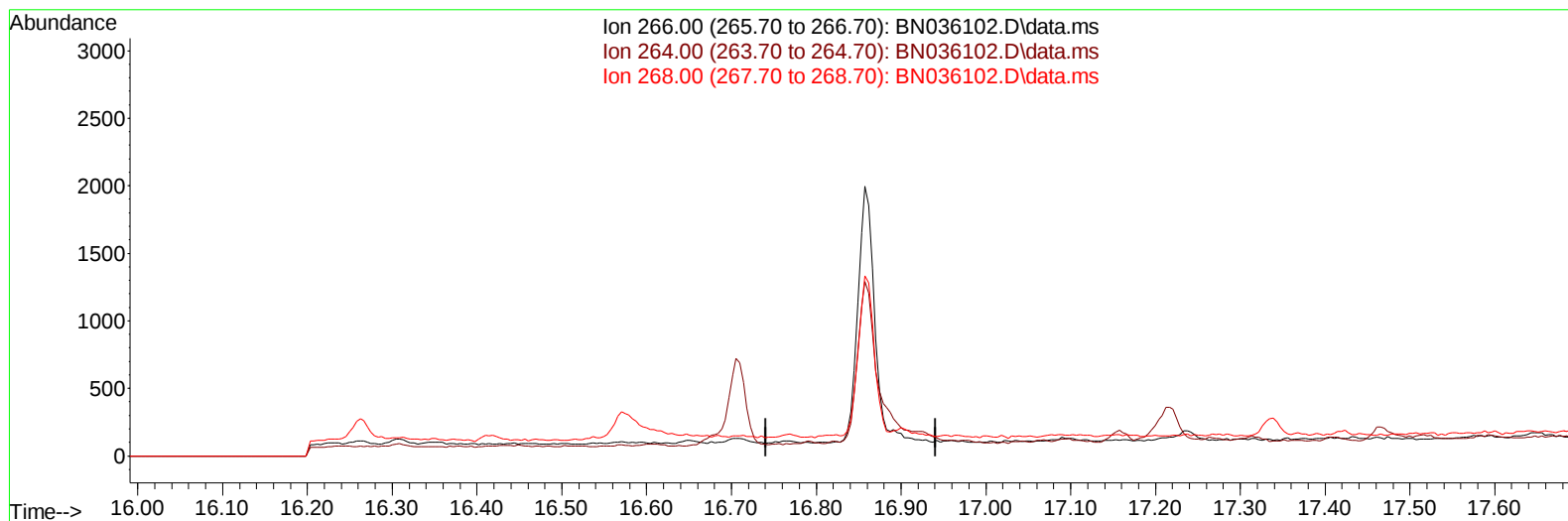
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036102.D\data.ms

(14) Pentachlorophenol

16.841min (-16.841) 0.00 ng/ul

response 0

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

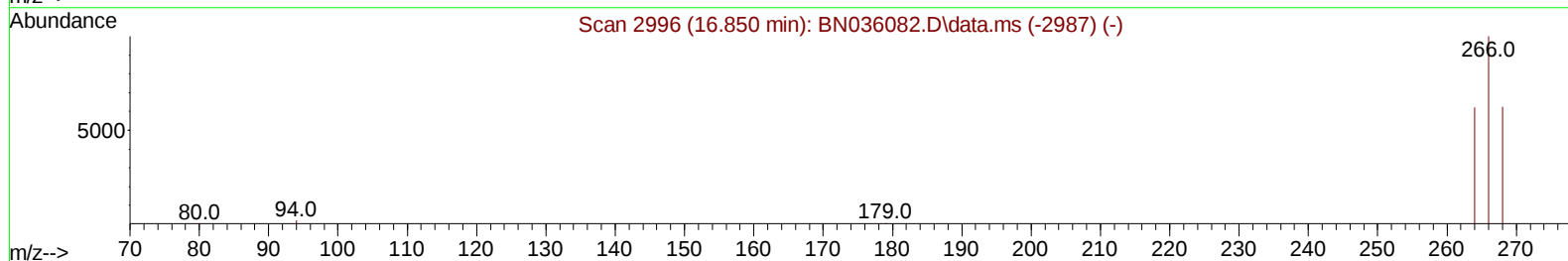
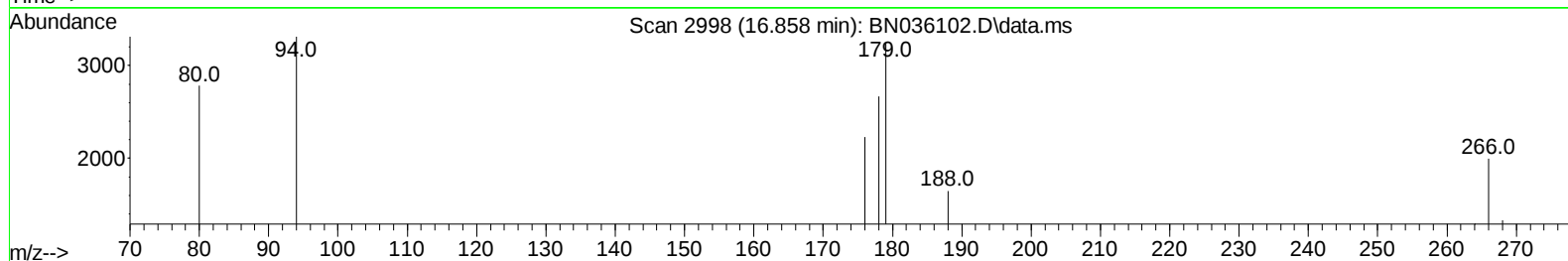
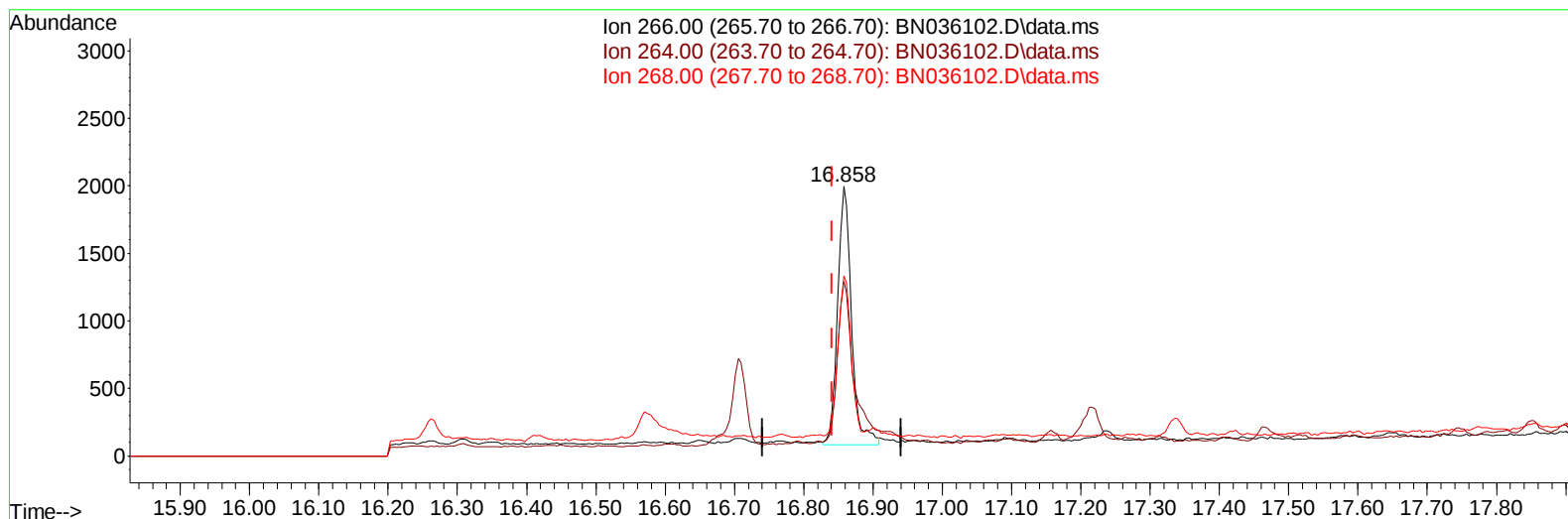
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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

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Supervised By :mohammad ahmed 02/04/2025



TIC: BN036102.D\data.ms

(14) Pentachlorophenol

16.858min (+ 0.017) 0.86 ng/ul m

response 2671

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

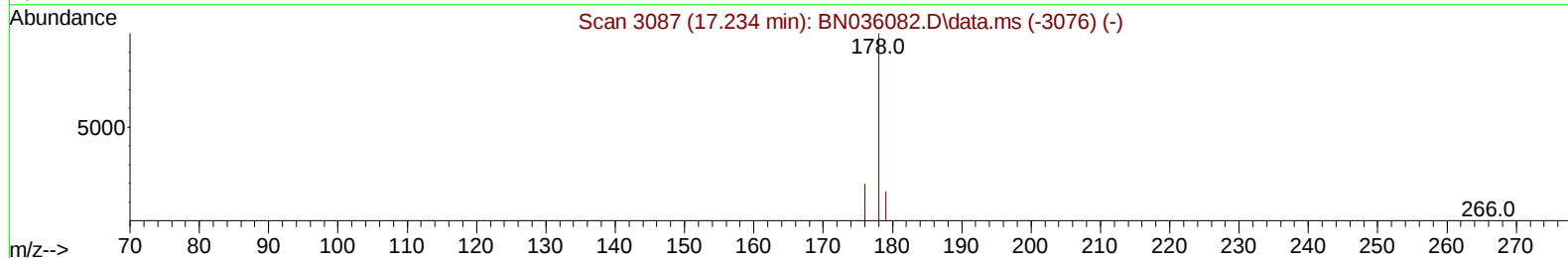
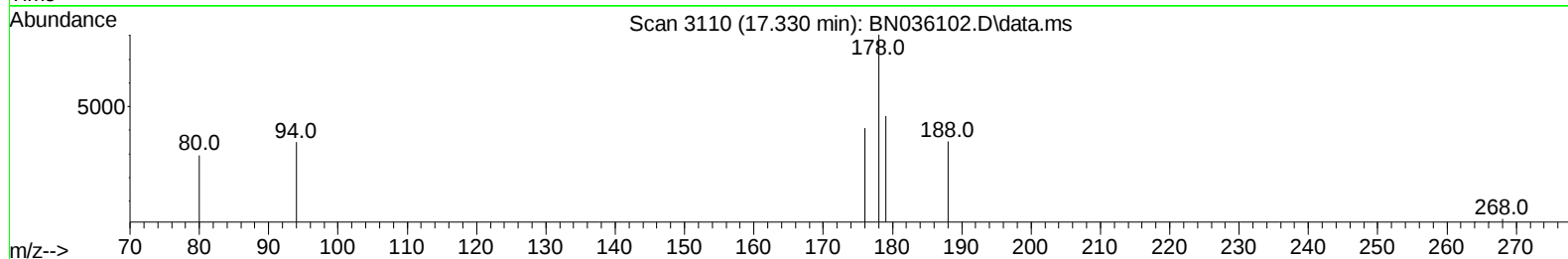
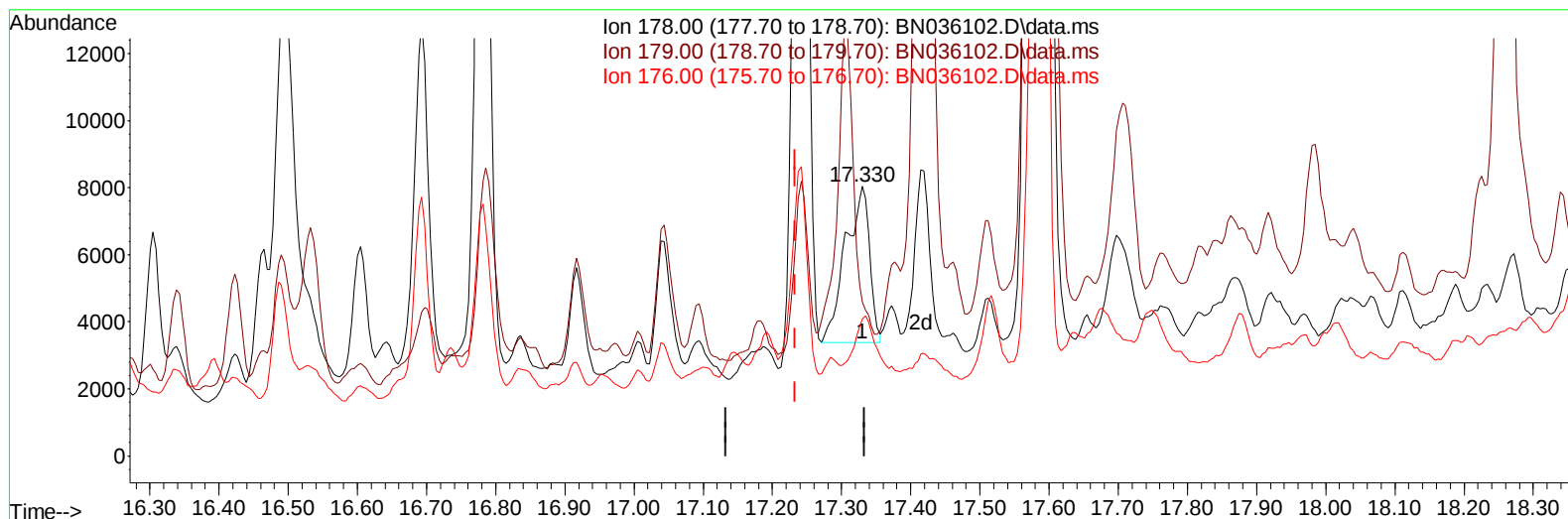
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036102.D\data.ms

(15) Phenanthrene

17.330min (+ 0.097) 0.43 ng/u1

response 11282

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	57.14#
176.00	21.00	50.89#
0.00	0.00	0.00

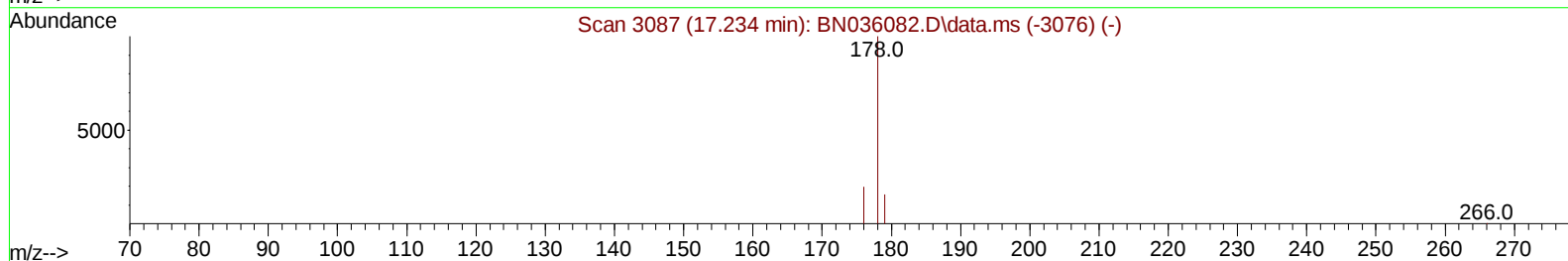
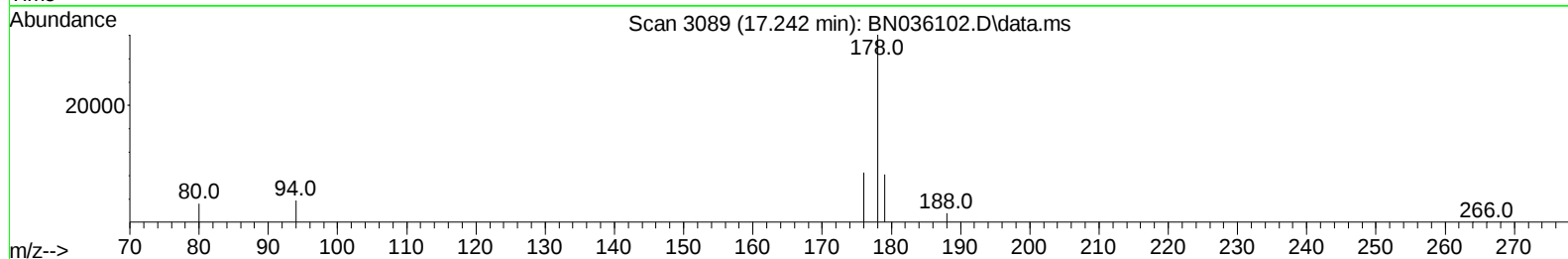
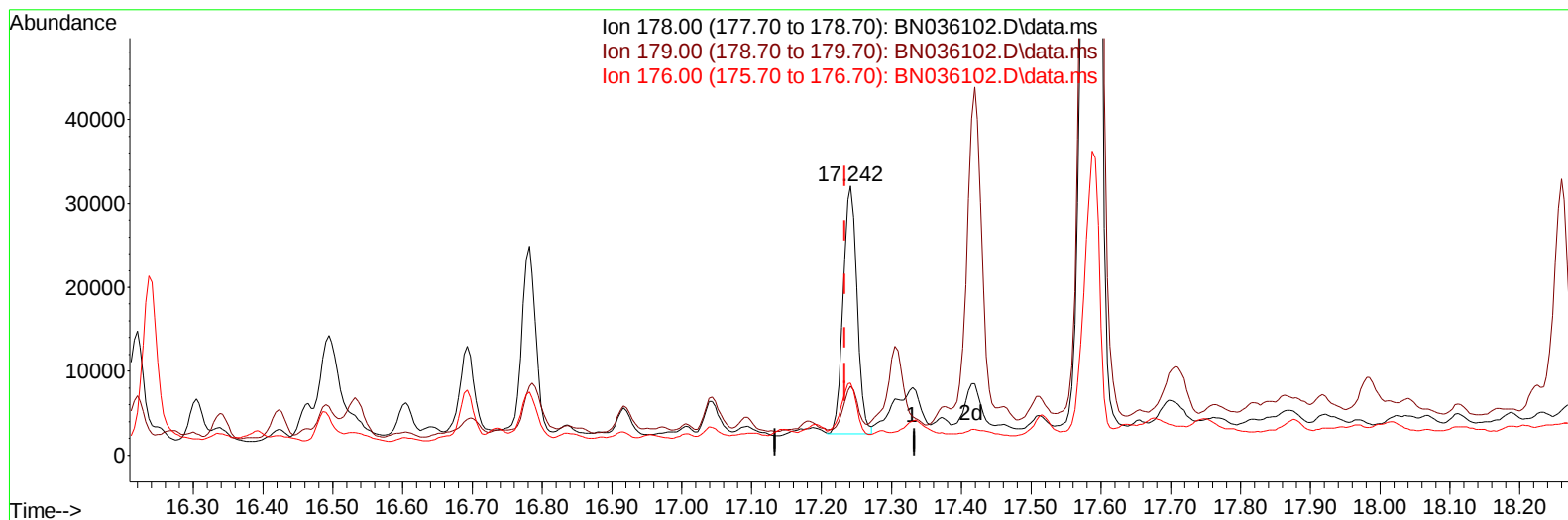
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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
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TIC: BN036102.D\data.ms

(15) Phenanthrene

17.242min (+ 0.008) 1.57 ng/ul m

response 40763

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	25.58#
176.00	21.00	26.88#
0.00	0.00	0.00

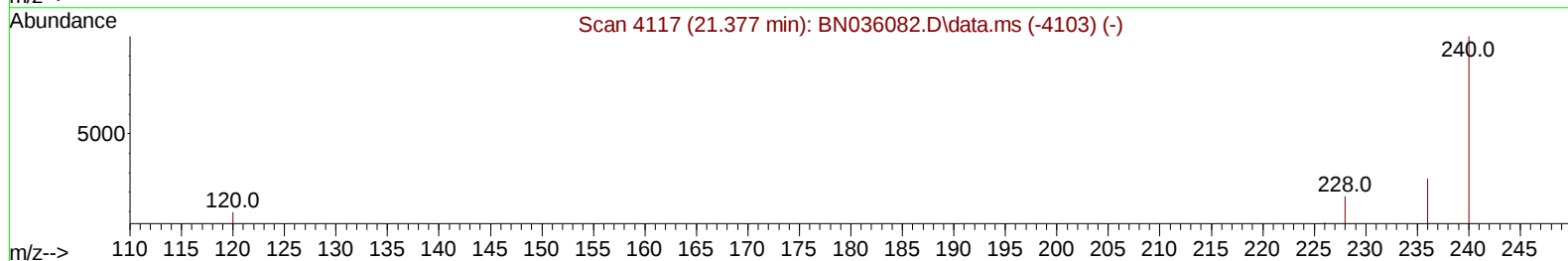
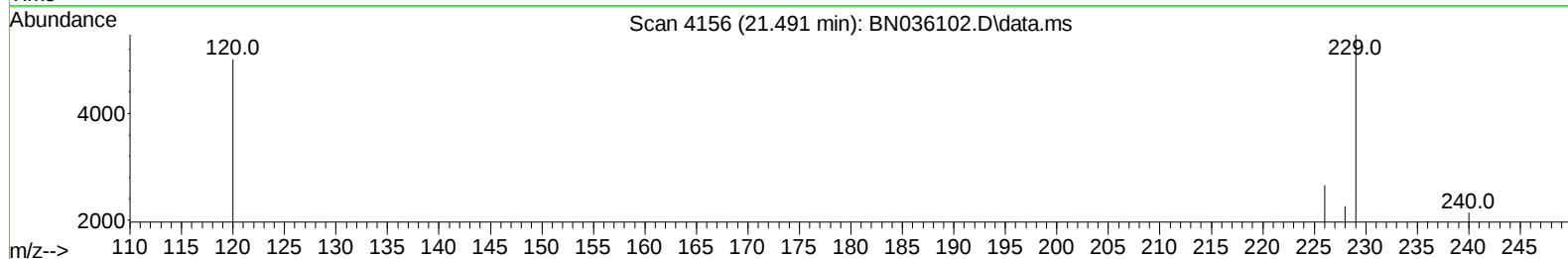
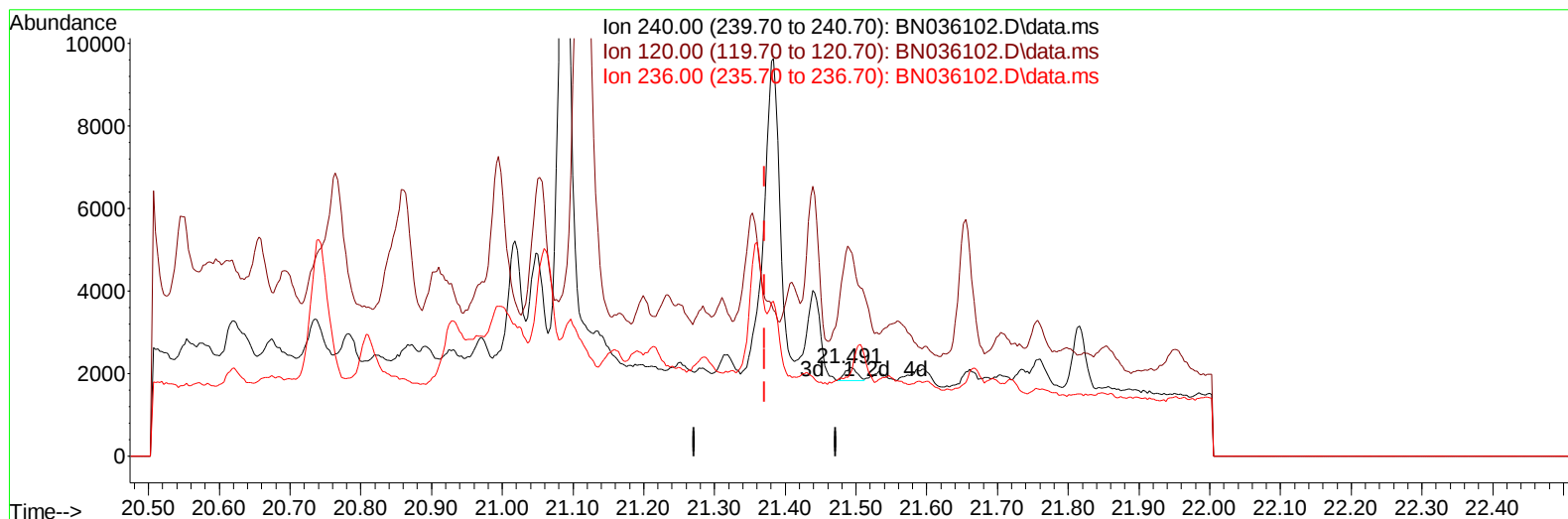
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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TIC: BN036102.D\data.ms

(17) Chrysene-d12

21.491min (+ 0.120) 0.40 ng/u1

response 390

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	234.24#
236.00	29.00	91.69#
0.00	0.00	0.00

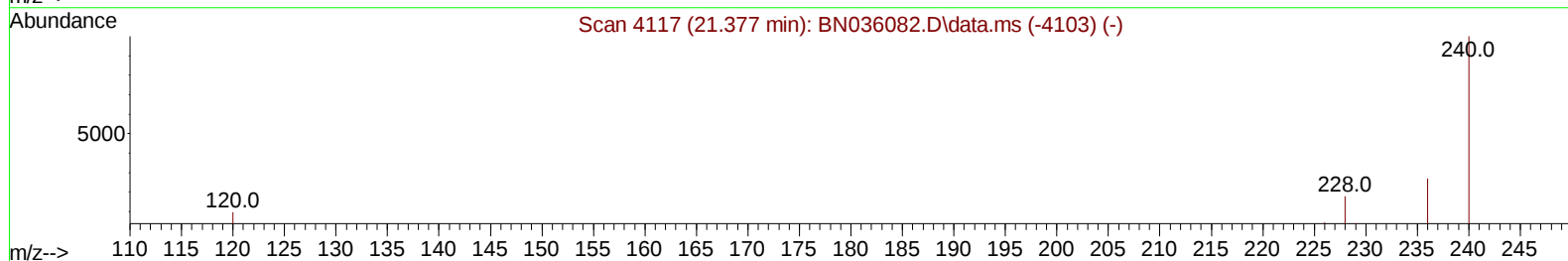
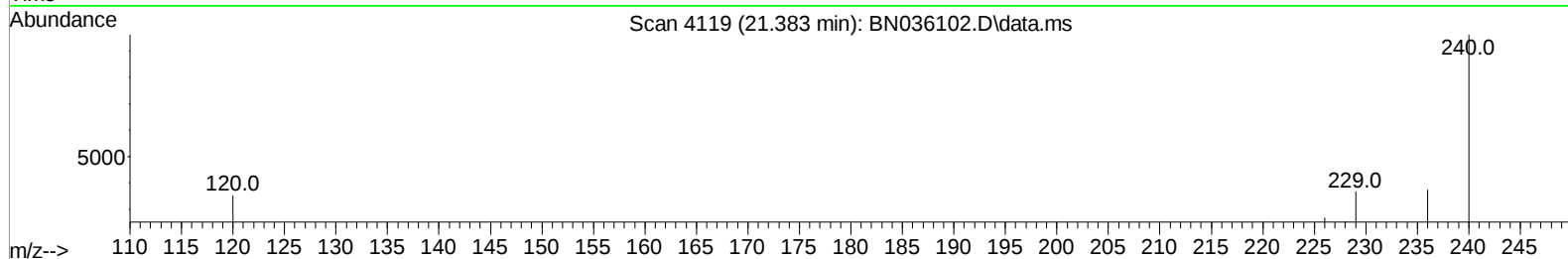
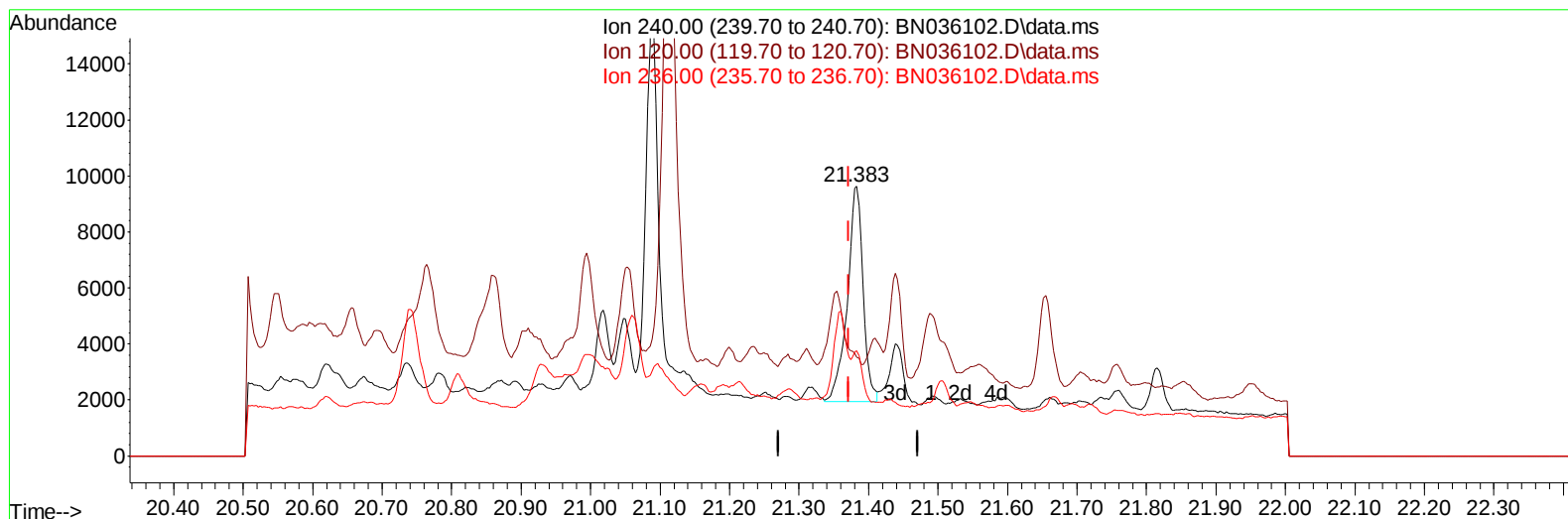
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(17) Chrysene-d12

21.383min (+ 0.012) 0.40 ng/u1 m

response 12174

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	13.40	36.63#
236.00	29.00	38.97#
0.00	0.00	0.00

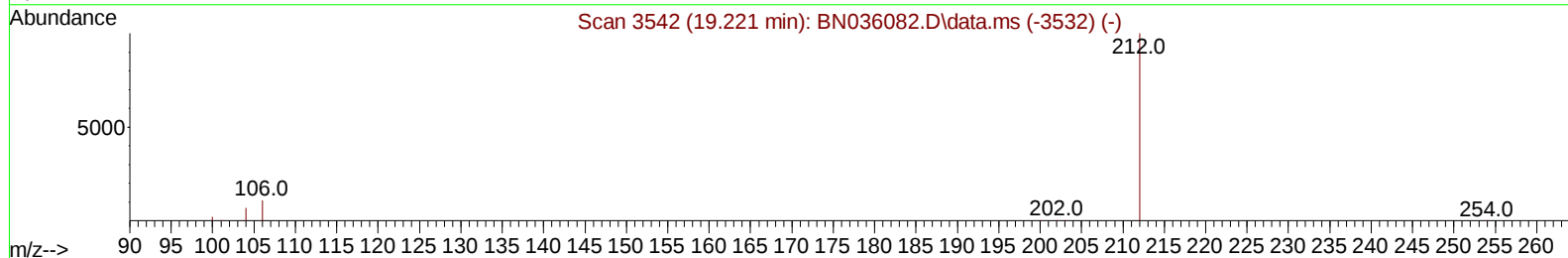
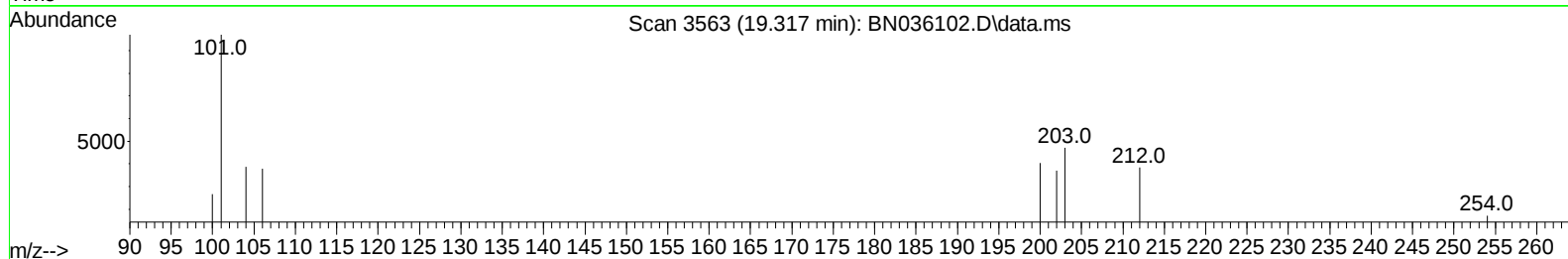
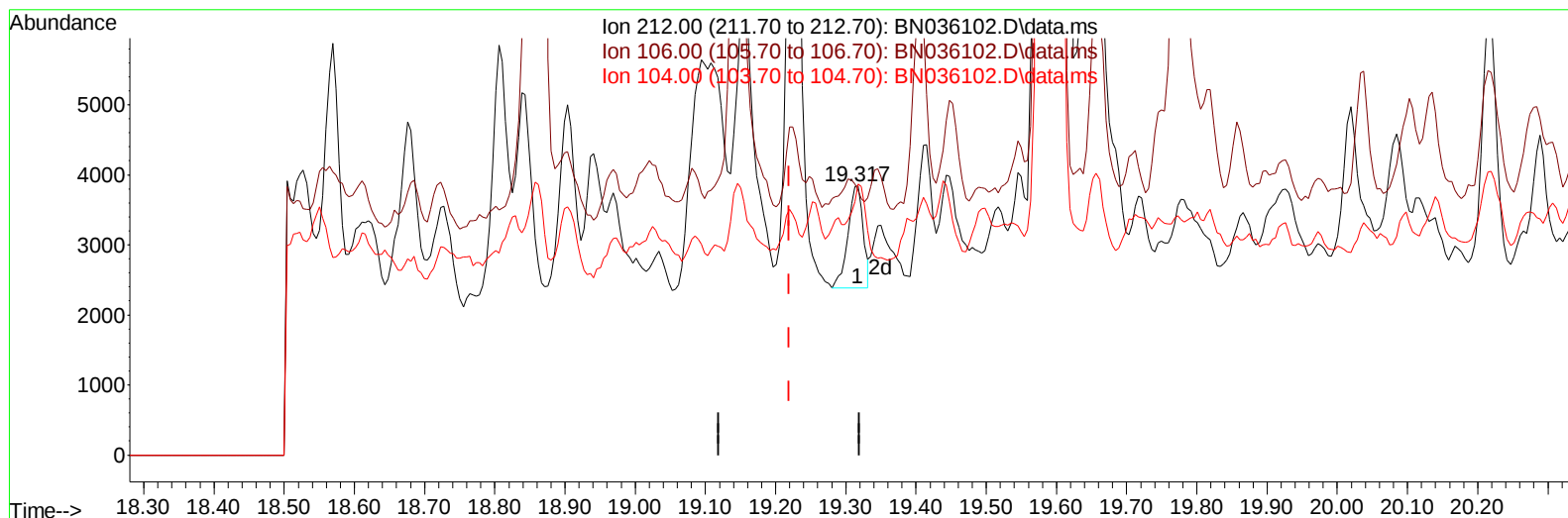
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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
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TIC: BN036102.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.317min (+ 0.098) 0.07 ng/u1

response 2210

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	32.62#
104.00	6.90	72.17#
0.00	0.00	0.00

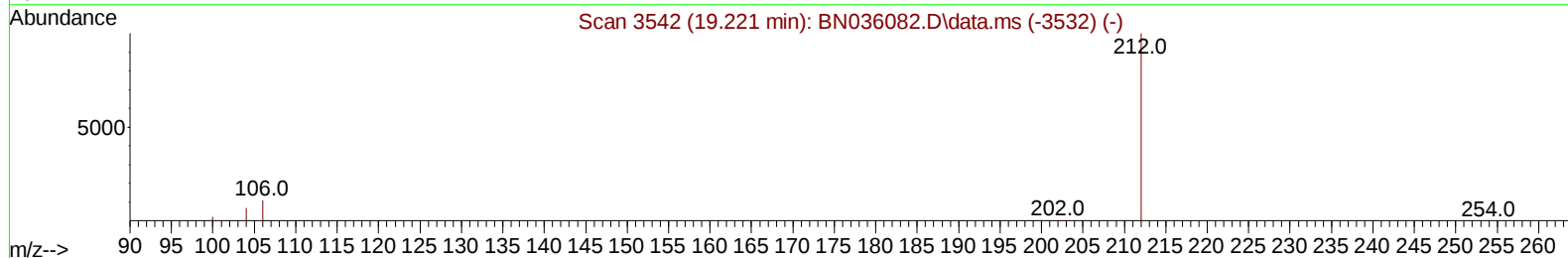
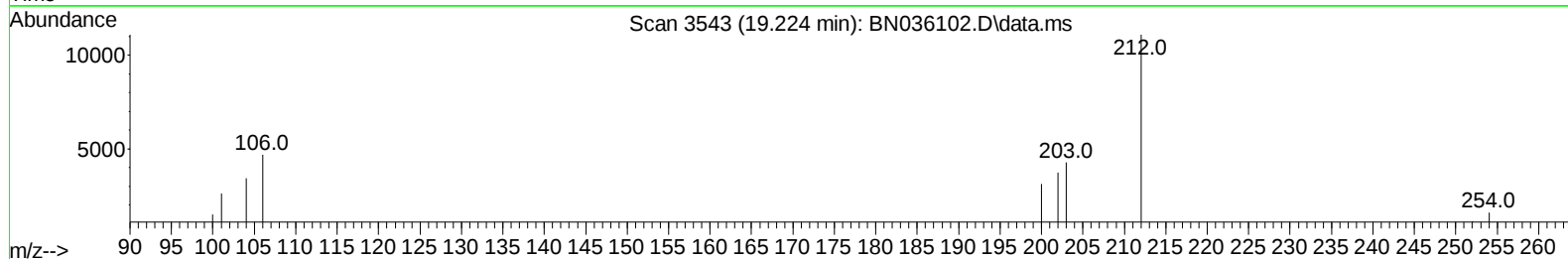
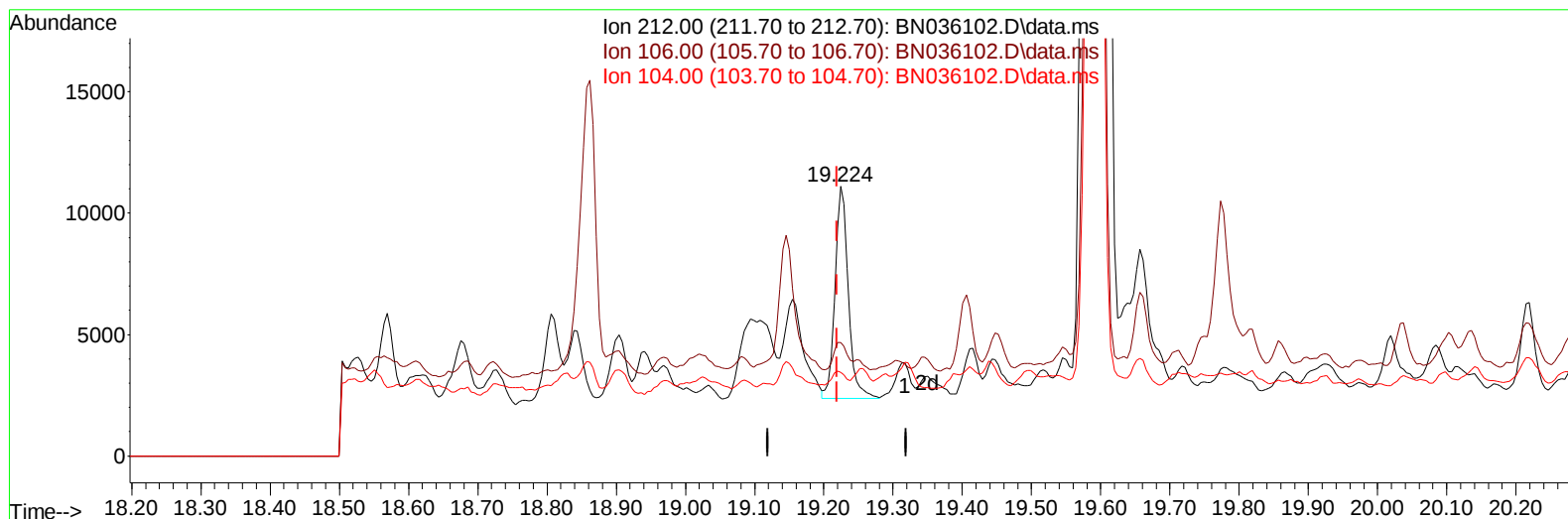
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.224min (+ 0.005) 0.35 ng/u1 m

response 11727

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.00	6.15#
104.00	6.90	13.60#
0.00	0.00	0.00

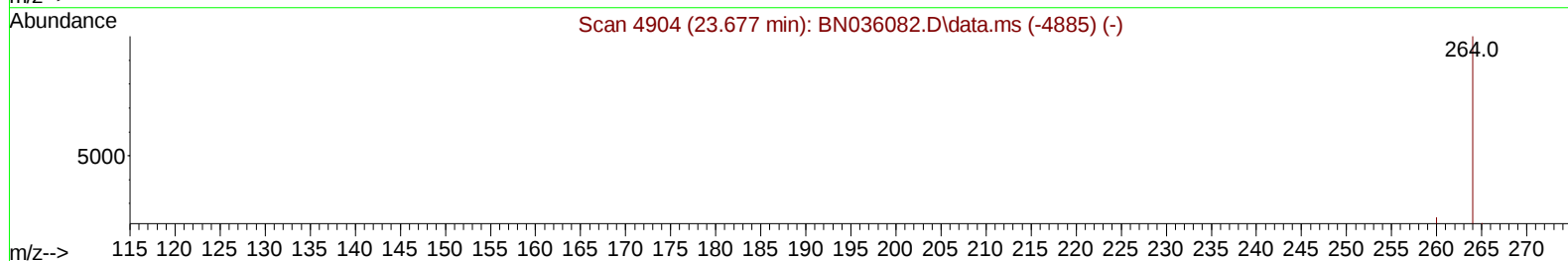
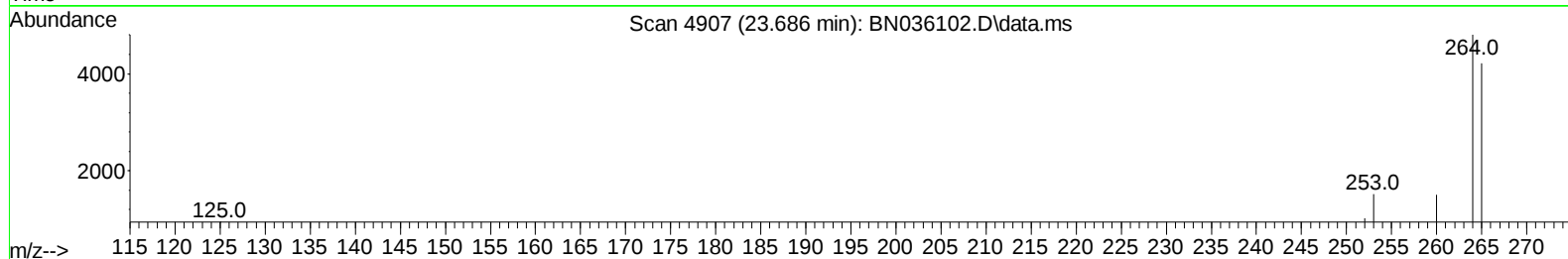
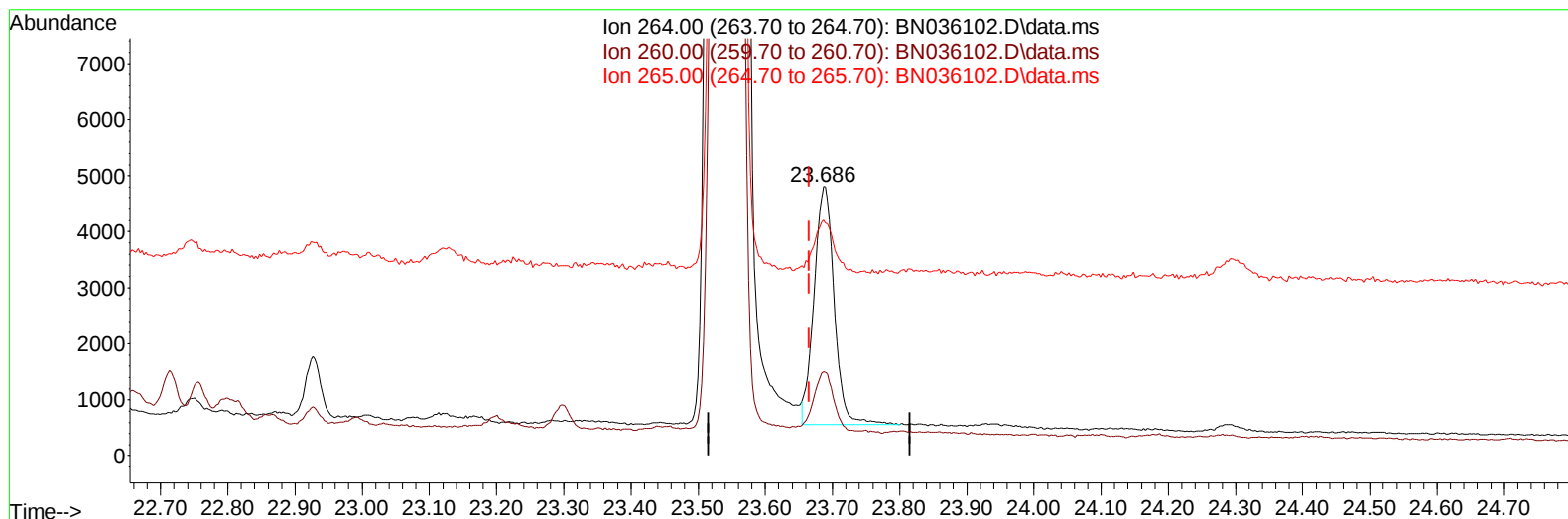
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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: BN036102.D\data.ms

(23) Perylene-d12 (I)

23.686min (+ 0.021) 0.40 ng/u1

response 8865

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	31.32
265.00	53.20	87.68#
0.00	0.00	0.00

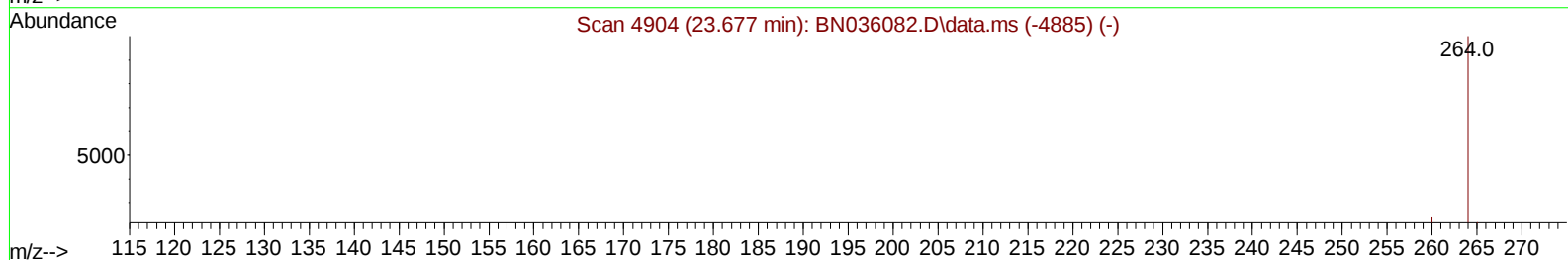
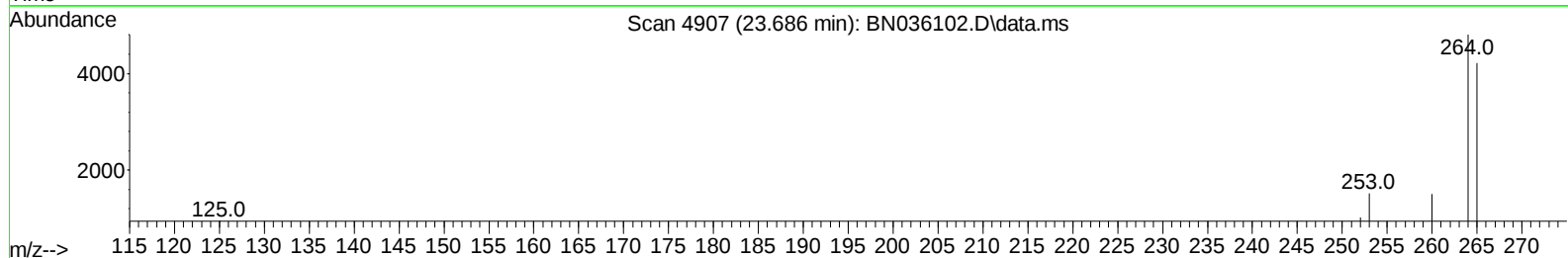
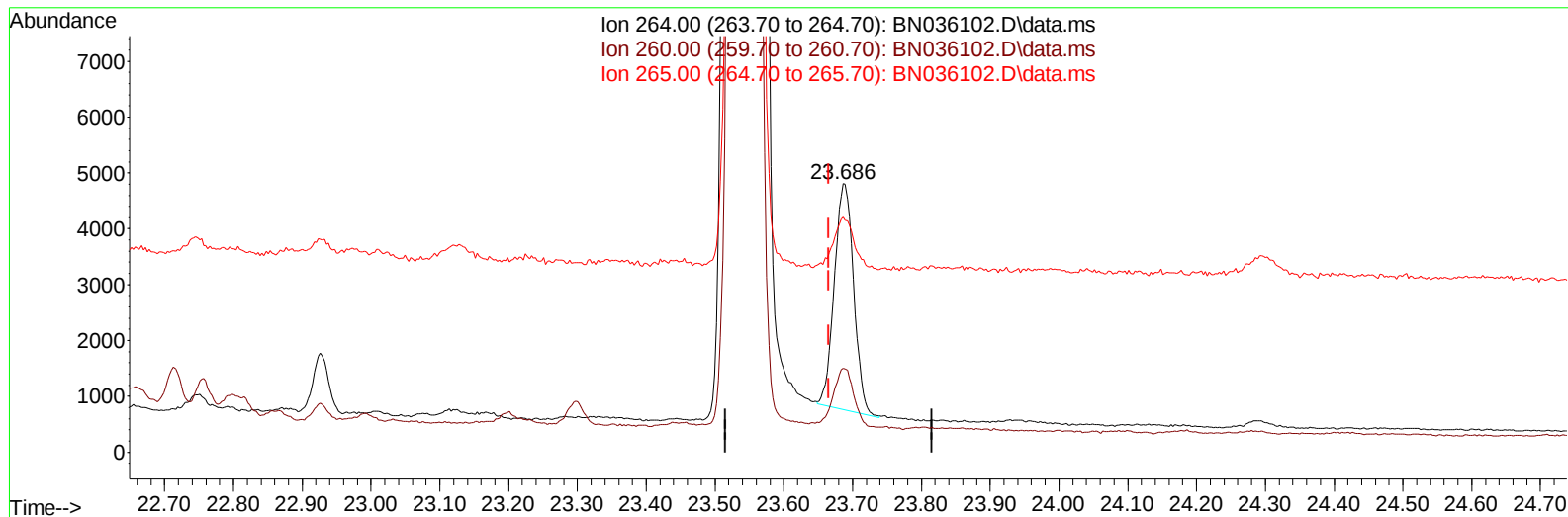
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
Acq On : 29 Jan 2025 09:30
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2965

Manual IntegrationsAPPROVED

Quant Time: Jan 29 09:51:16 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
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TIC: BN036102.D\data.ms

(23) Perylene-d12 (I)

23.686min (+ 0.021) 0.40 ng/ul m

response 7872

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	31.32
265.00	53.20	87.68#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036102.D
 Acq On : 29 Jan 2025 09:30
 Operator : RC/JU
 Sample : Q1184-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2965

Manual IntegrationsAPPROVED

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

Quant Time: Jan 29 09:51:16 2025
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 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.807	152		2007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136		6911m	0.400	ng/ul	0.10
9) Acenaphthene-d10	14.482	164		9909m	0.400	ng/ul	0.03
13) Phenanthrene-d10	17.199	188		8885m	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240		12174m	0.400	ng/ul	0.01
23) Perylene-d12	23.686	264		7872m	0.400	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.268	96		9685	4.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152		2919	0.335	ng/ul	0.02
18) Fluoranthene-d10	19.224	212		11727m	0.351	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.671	128		1490070	78.265	ng/ul	98
7) 2-Methylnaphthalene	12.310	142		60763	5.138	ng/ul	98
8) 1-Methylnaphthalene	12.530	142		50965	4.246	ng/ul	98
11) Acenaphthene	14.547	153		48299	1.405	ng/ul#	65
12) Fluorene	15.514	166		11158	0.294	ng/ul#	80
14) Pentachlorophenol	16.858	266		2671m	0.858	ng/ul	
15) Phenanthrene	17.242	178		40763m	1.567	ng/ul	

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

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

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