

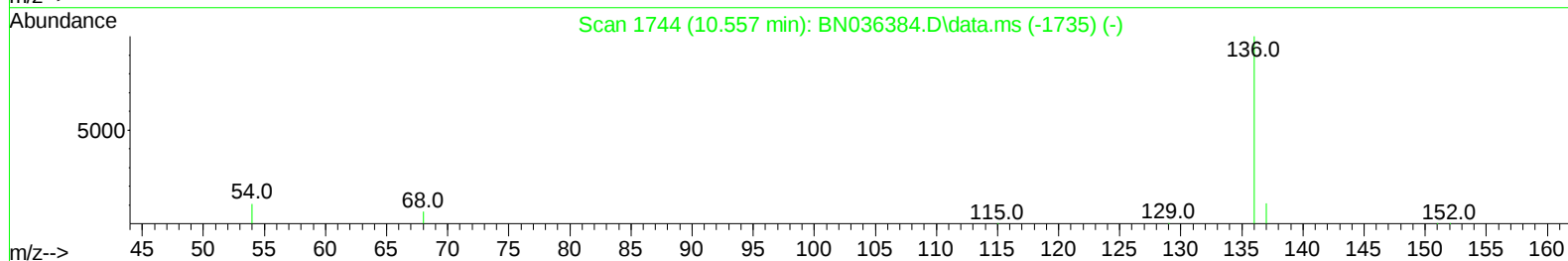
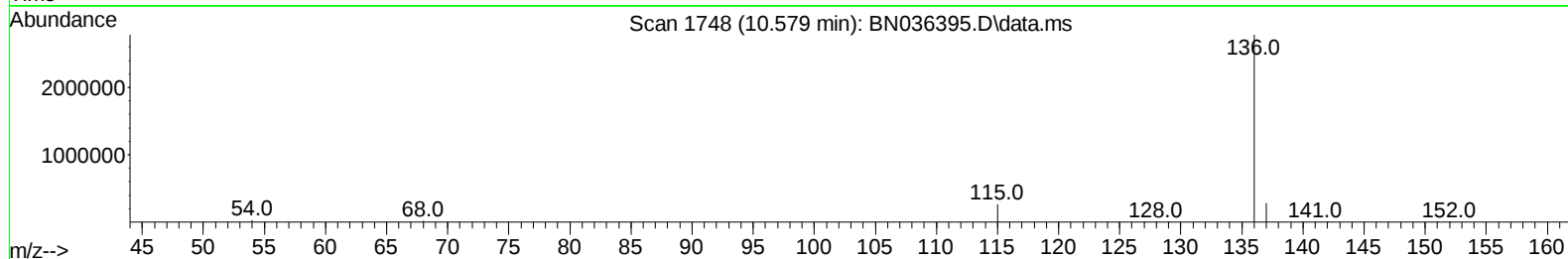
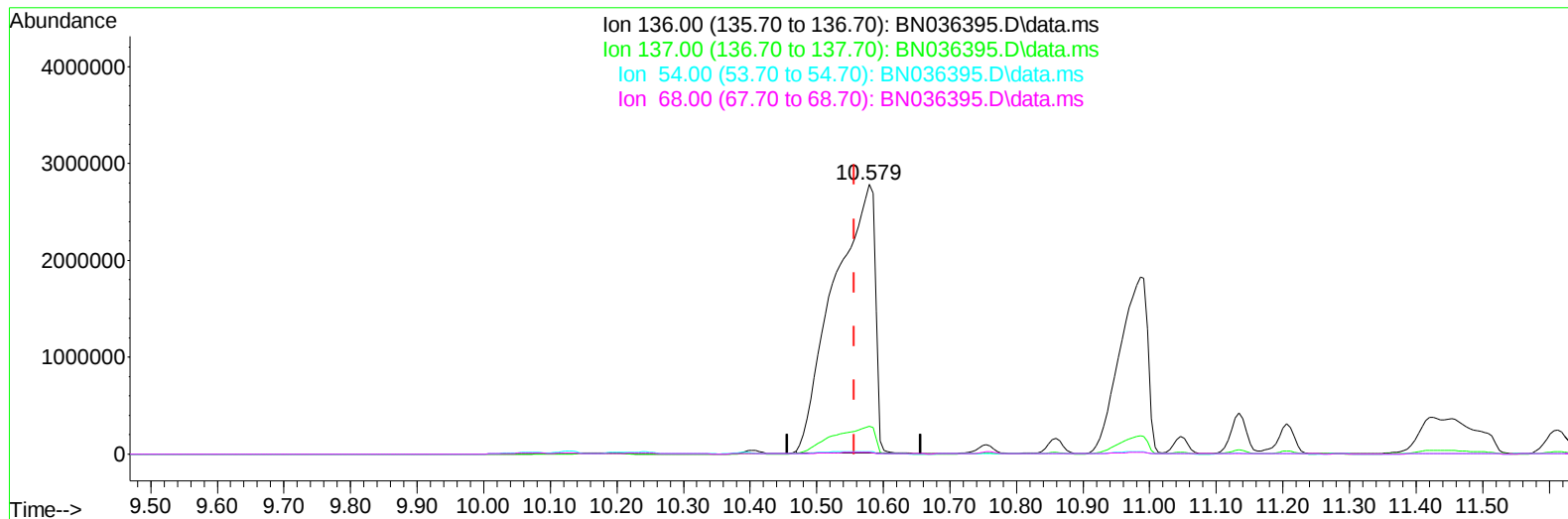
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:43:50 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036395.D\data.ms

(4) Naphthalene-d8 (I)

10.579min (+ 0.022) 0.40 ng/u1

response 11799781

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.31
54.00	12.80	0.87#
68.00	8.10	0.55#

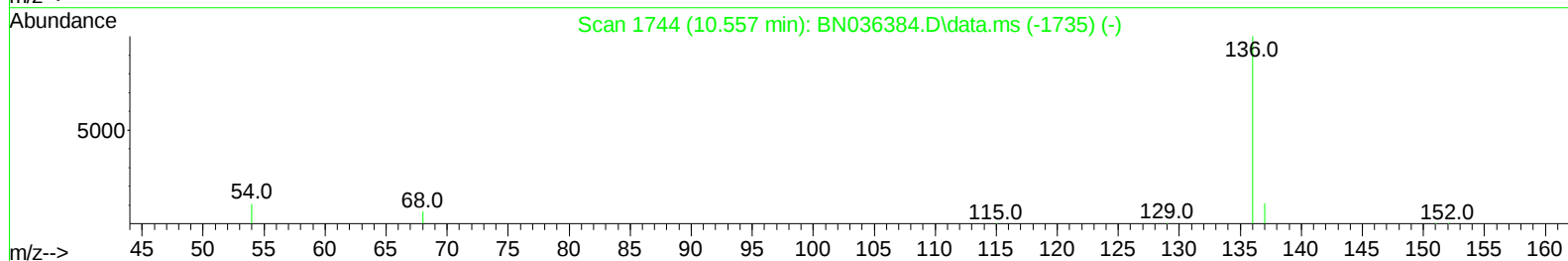
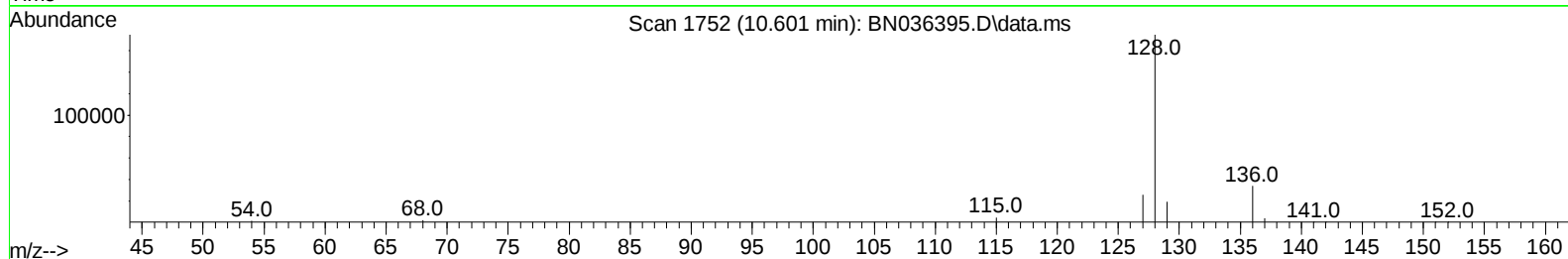
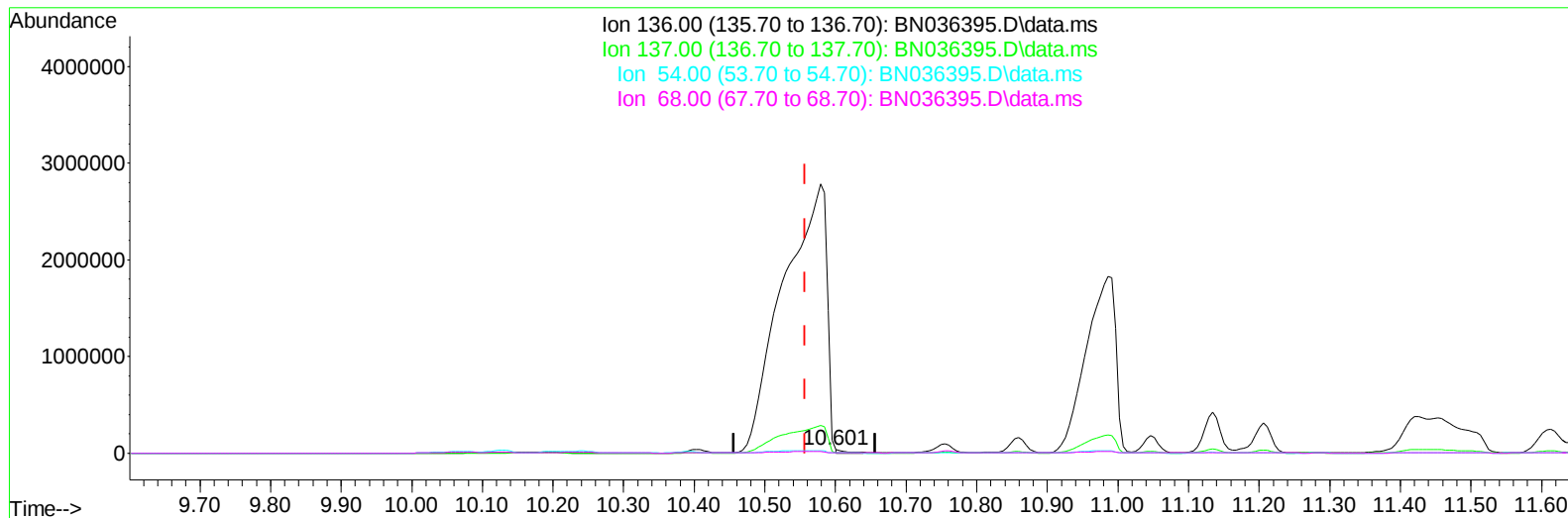
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:43:50 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 : Fri Feb 07 11:25:57 2025
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Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



TIC: BN036395.D\data.ms

(4) Naphthalene-d8 (I)

10.601min (+ 0.044) 0.40 ng/ul m

response 30048

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.32
54.00	12.80	3.79#
68.00	8.10	6.02#

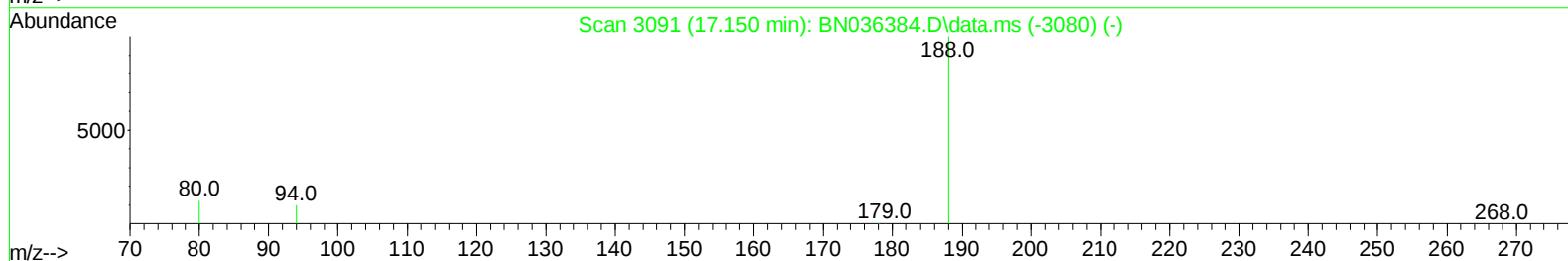
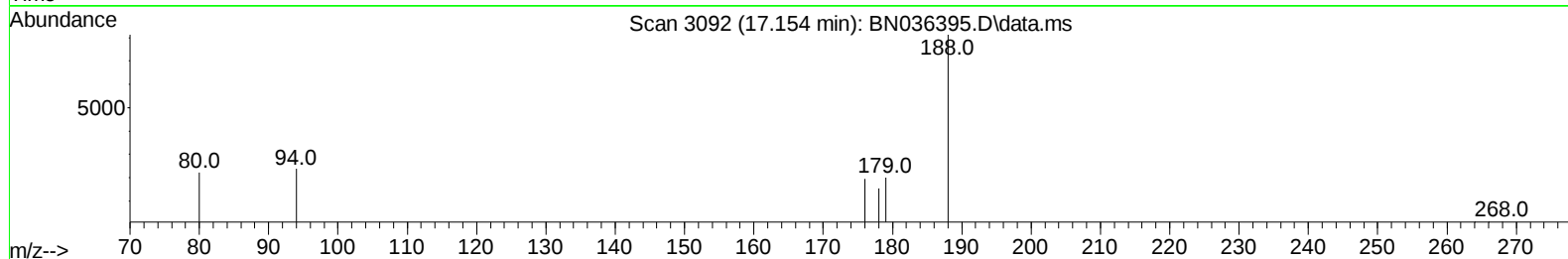
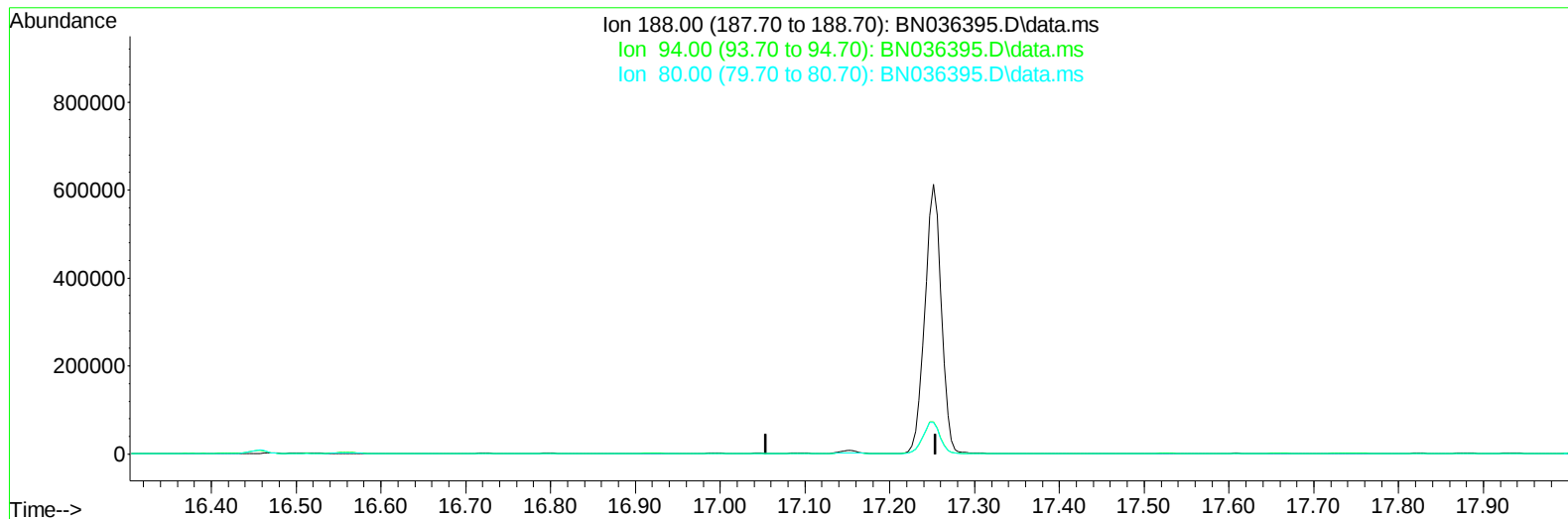
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:43:50 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

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TIC: BN036395.D\data.ms

(13) Phenanthrene-d10 (I)

17.154min (-17.154) 0.00 ng/u1

response 0

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

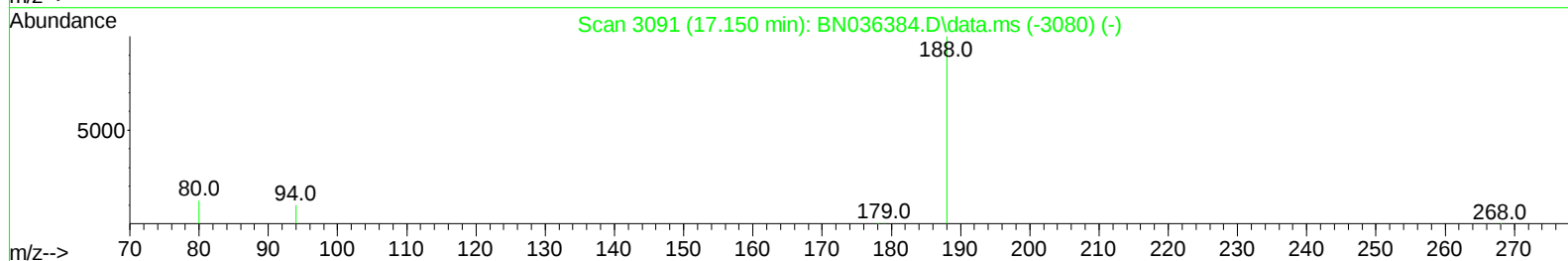
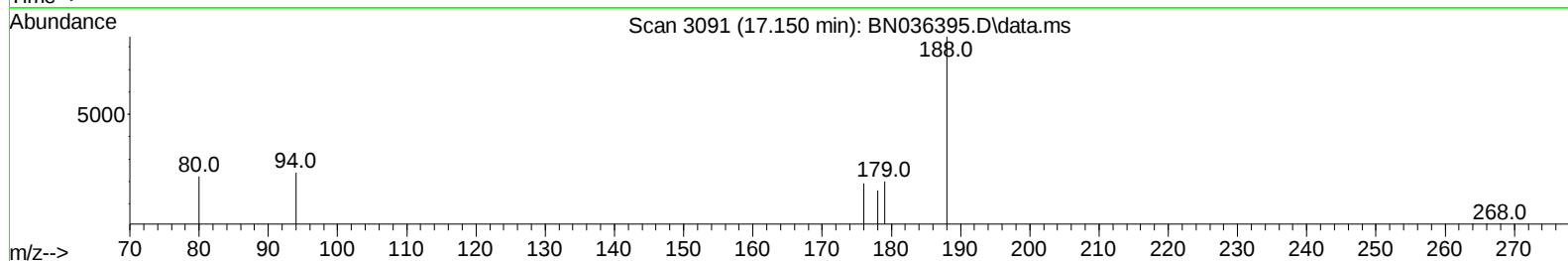
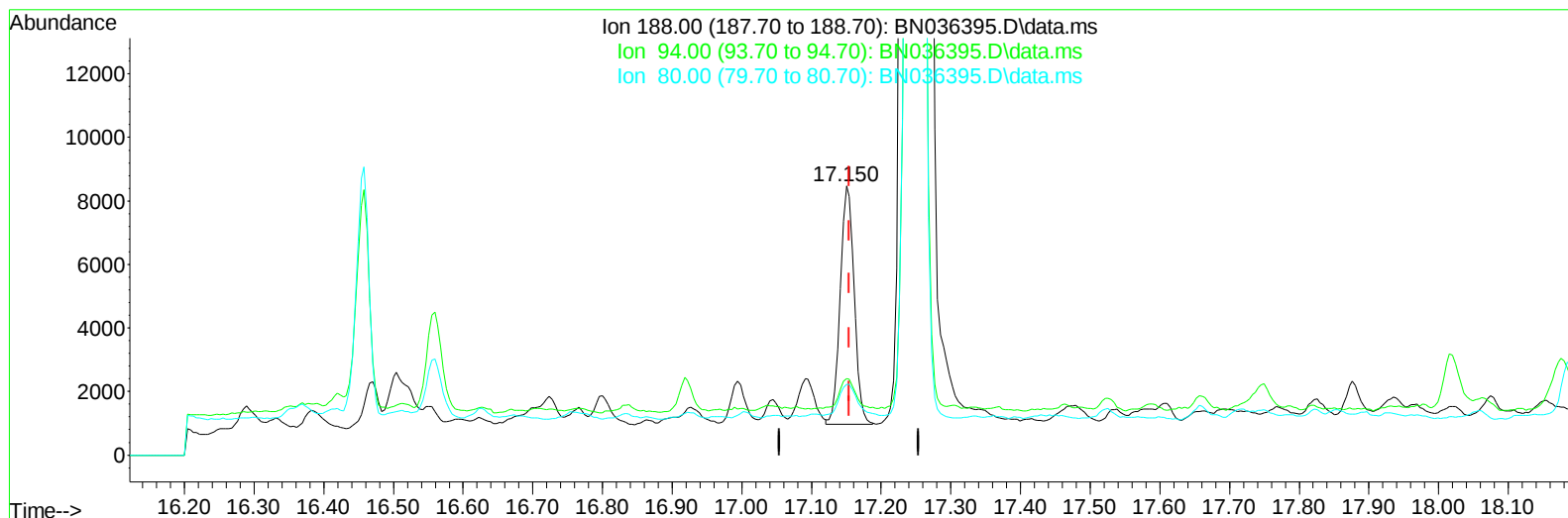
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:43:50 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

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TIC: BN036395.D\data.ms

(13) Phenanthrene-d10 (I)

17.150min (-0.004) 0.40 ng/ul m

response 10410

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	28.37#
80.00	10.90	26.28#
0.00	0.00	0.00

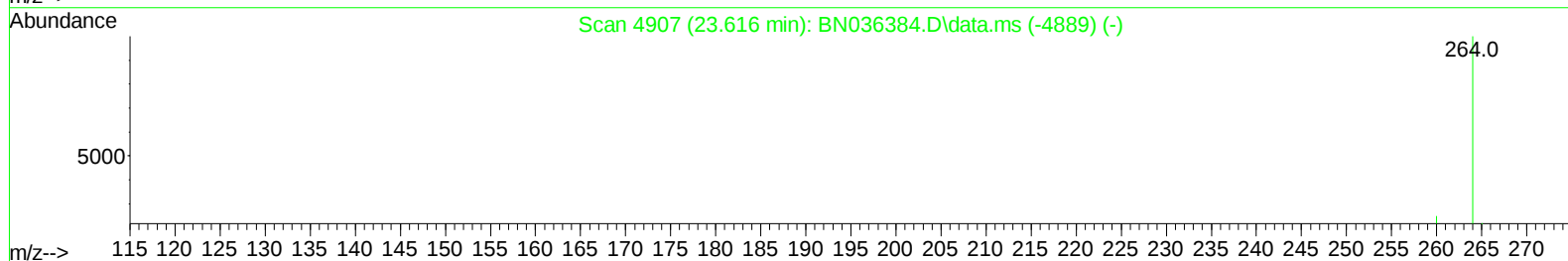
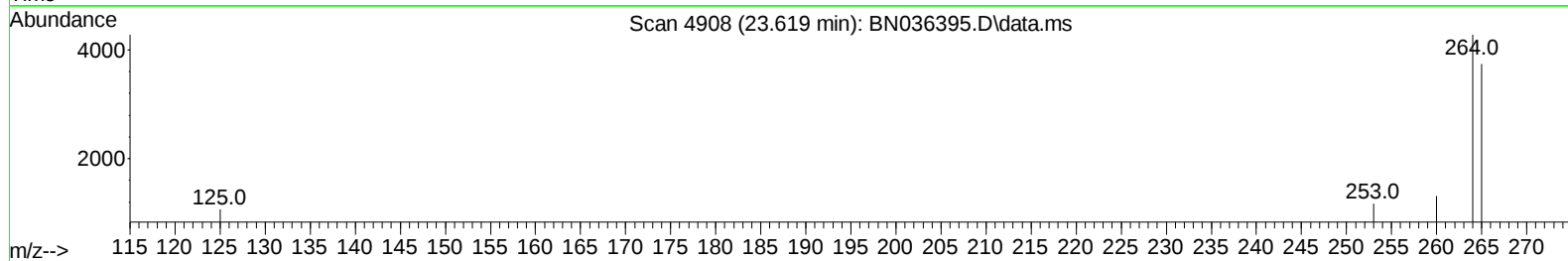
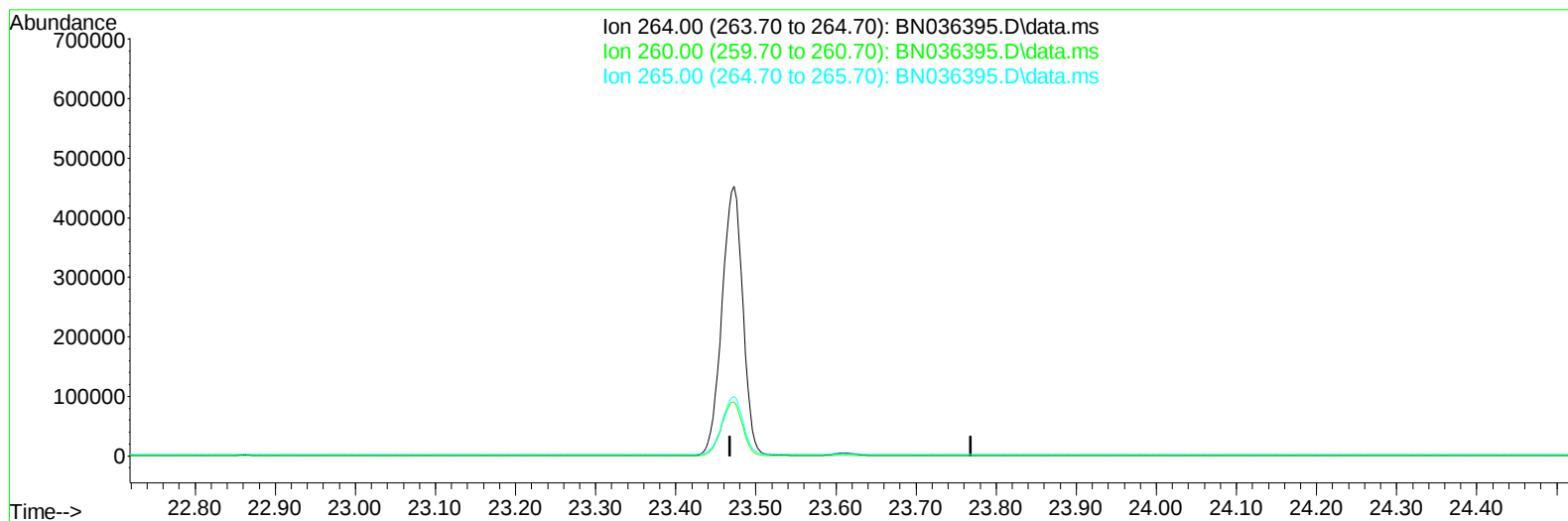
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

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TIC: BN036395.D\data.ms

(23) Perylene-d12 (I)

23.619min (-23.619) 0.00 ng/u1

response 0

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

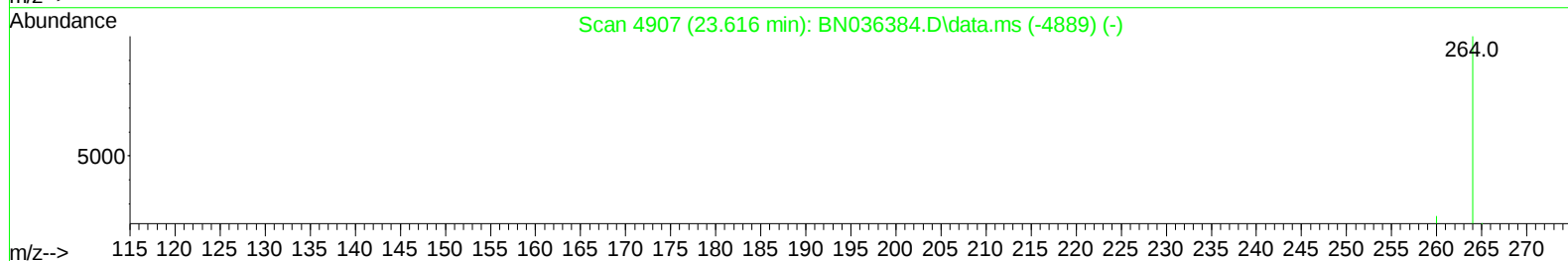
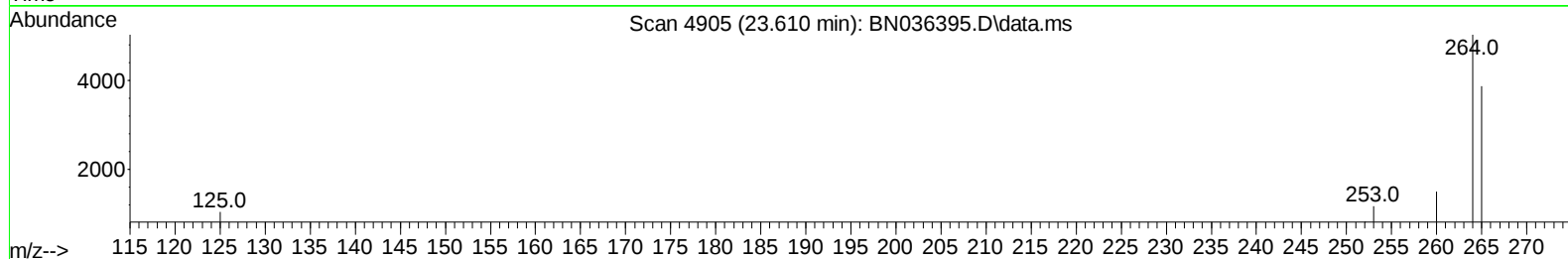
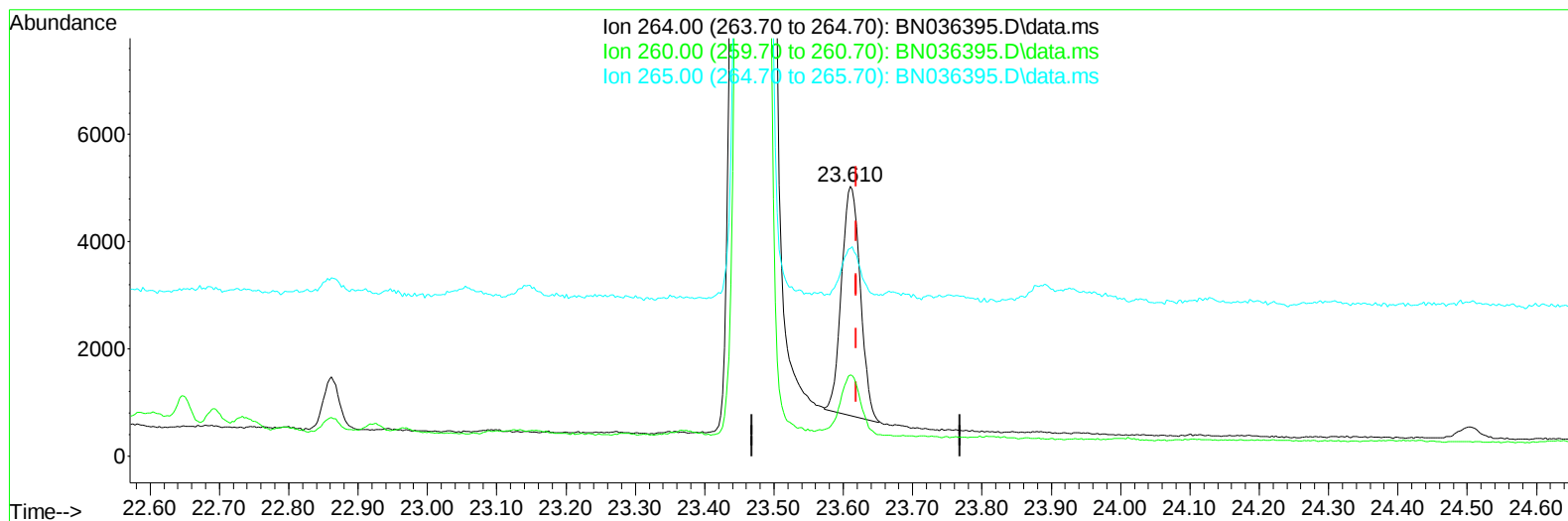
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Quant Time: Feb 11 15:43:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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Reviewed By :Jagrut Upadhyay 02/11/2025
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TIC: BN036395.D\data.ms

(23) Perylene-d12 (I)

23.610min (-0.009) 0.40 ng/u1 m

response 8091

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	30.01
265.00	53.20	77.05#
0.00	0.00	0.00

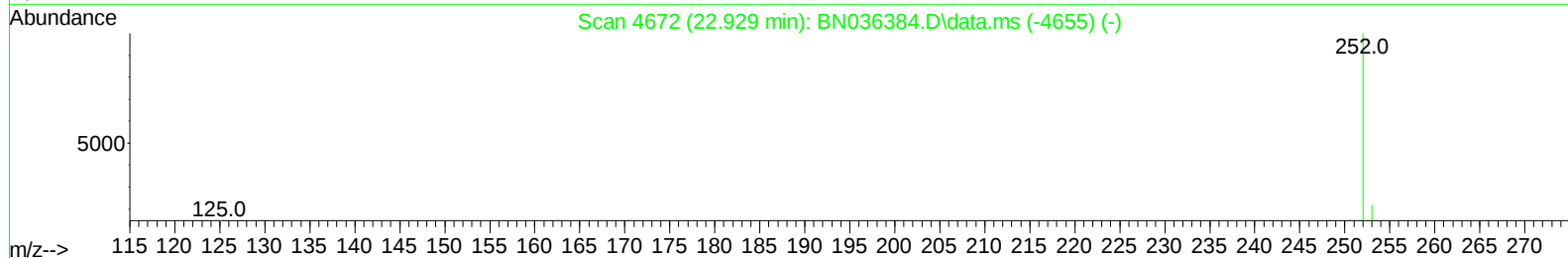
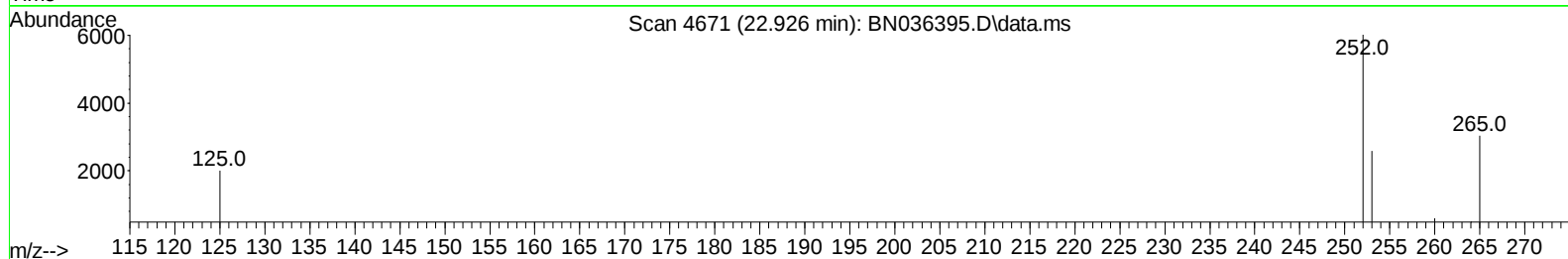
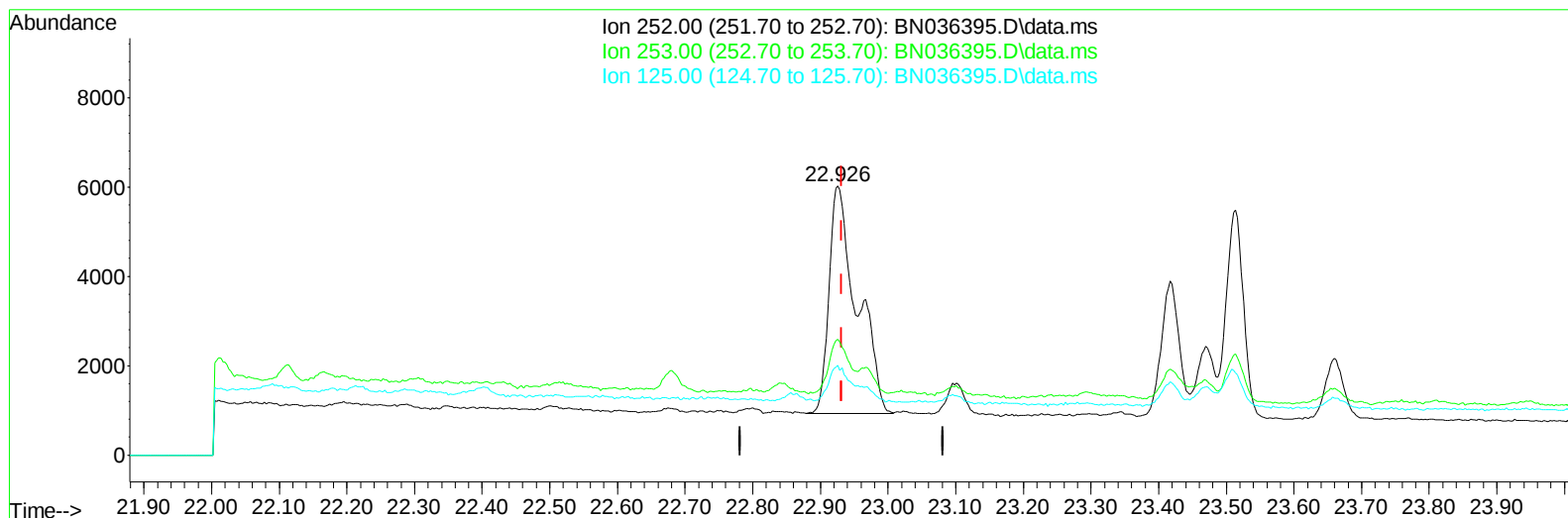
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

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TIC: BN036395.D\data.ms

(24) Benzo(b)fluoranthene

22.926min (-0.006) 0.54 ng/u1

response 14505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	43.08
125.00	13.90	33.36#
0.00	0.00	0.00

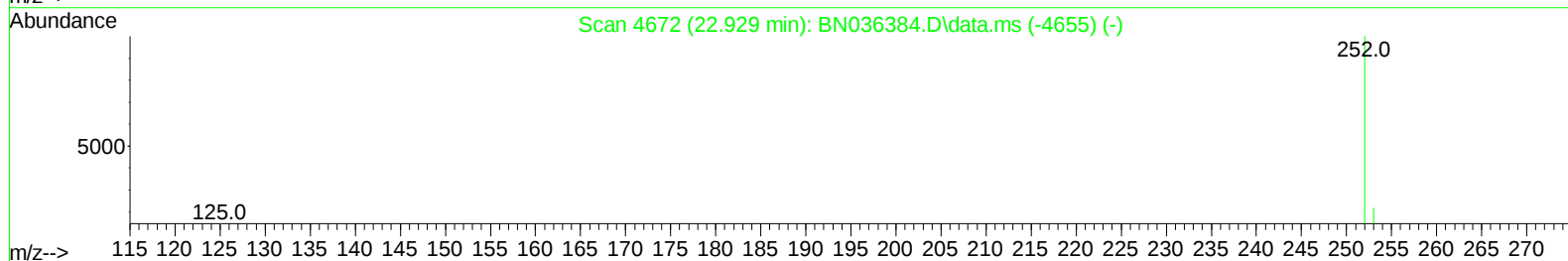
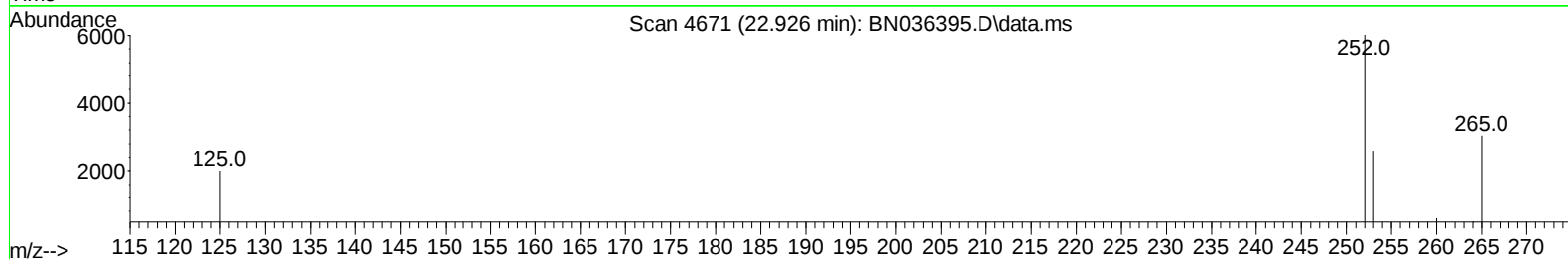
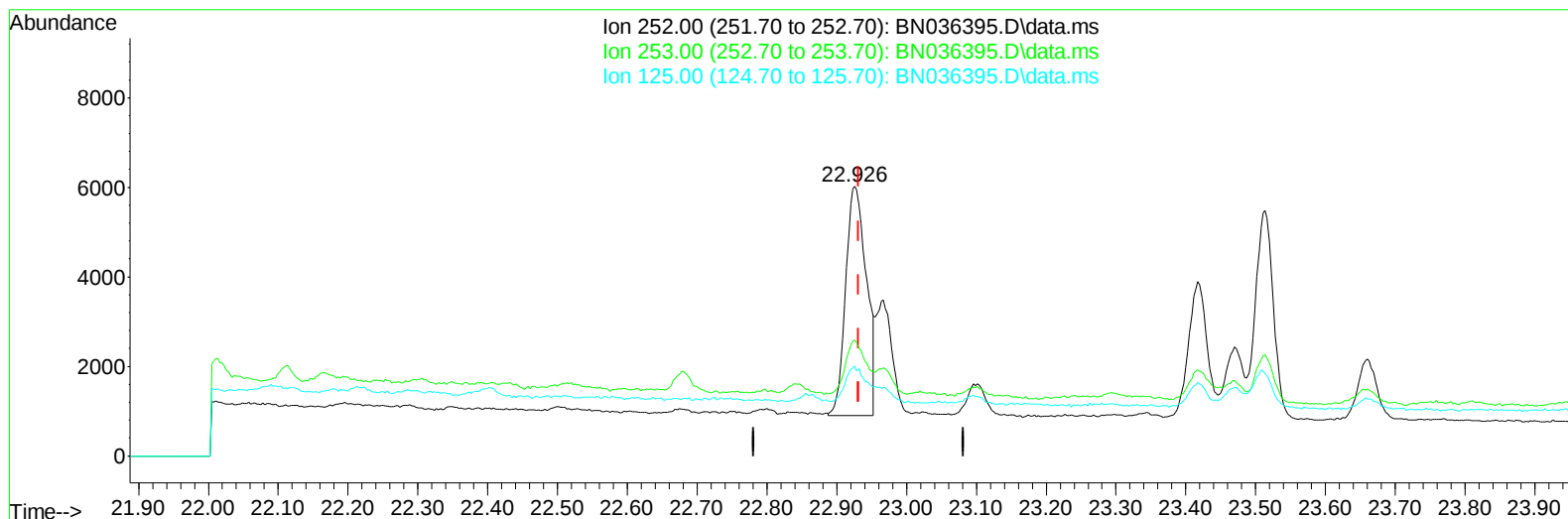
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 15:43:50 2025
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QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration



TIC: BN036395.D\data.ms

(24) Benzo(b)fluoranthene

22.926min (-0.006) 0.39 ng/u1 m

response 10571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	43.08
125.00	13.90	33.36#
0.00	0.00	0.00

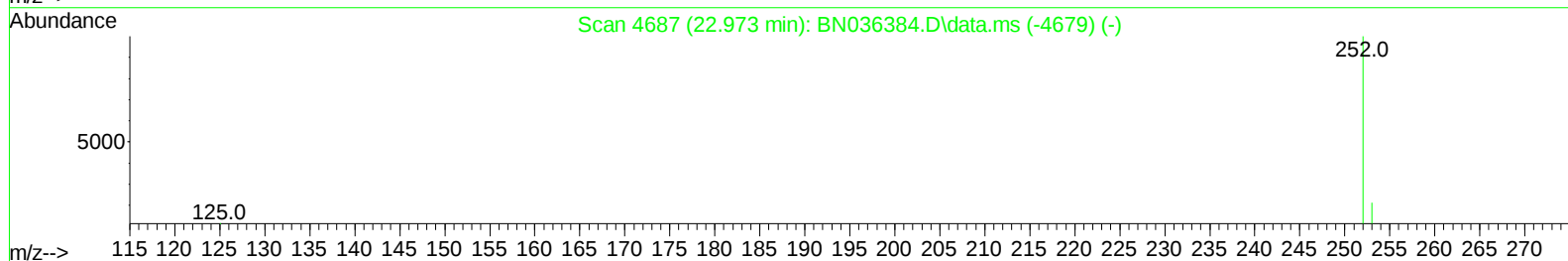
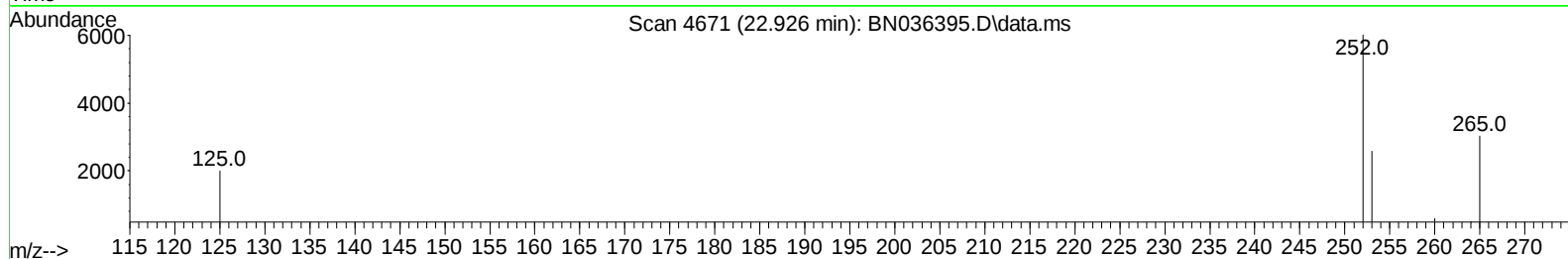
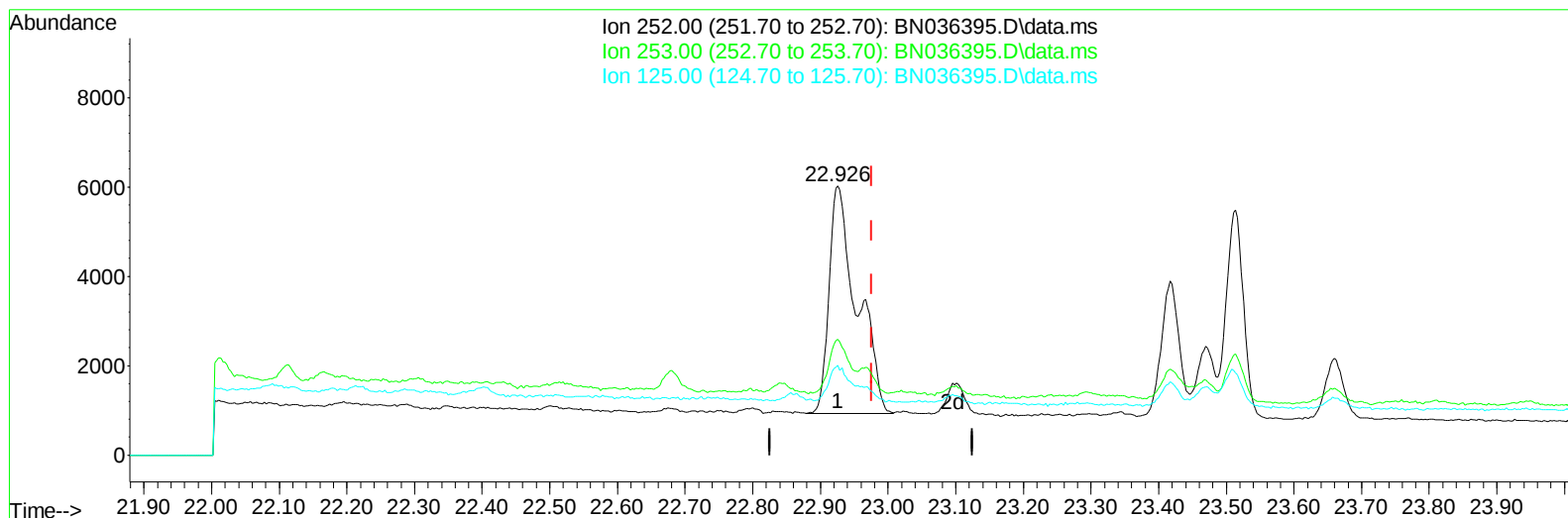
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
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Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29B3

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TIC: BN036395.D\data.ms

(25) Benzo(k)fluoranthene

22.926min (-0.049) 0.51 ng/u1

response 14505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	43.08#
125.00	13.30	33.36#
0.00	0.00	0.00

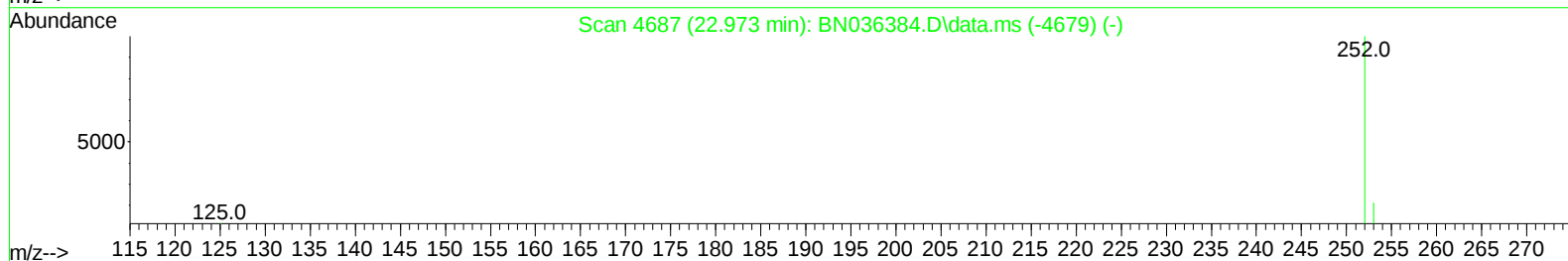
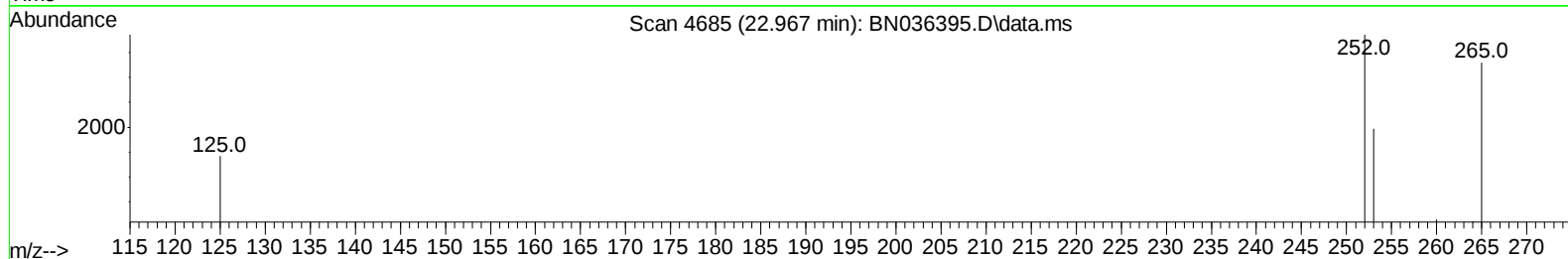
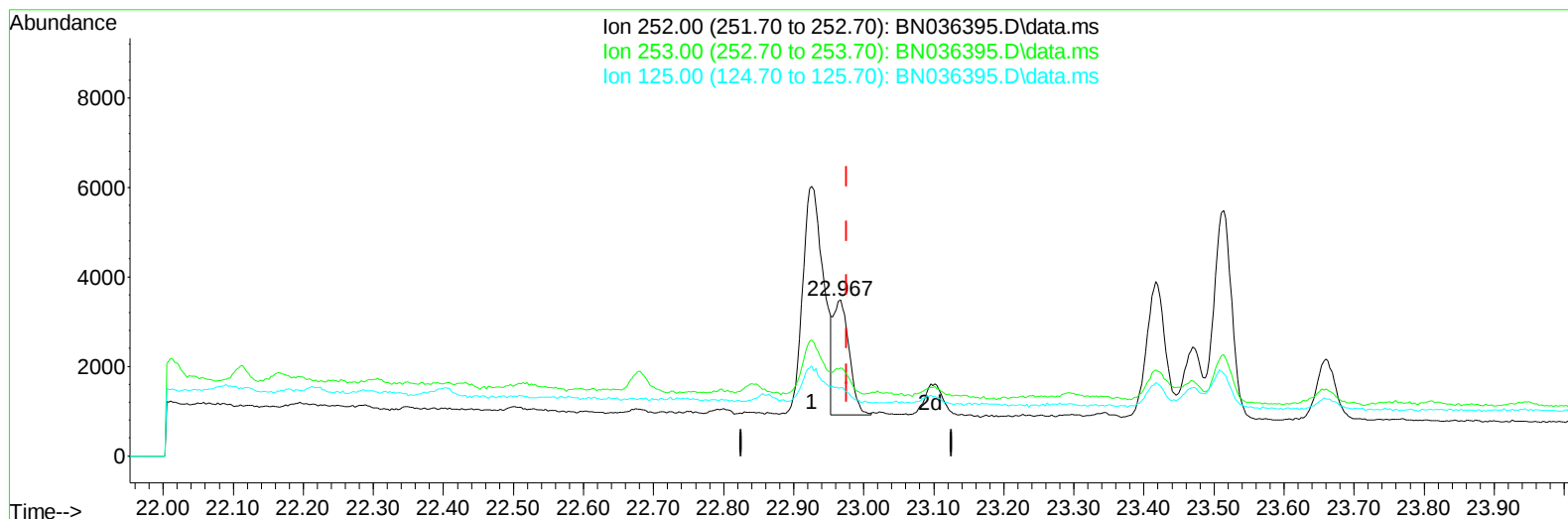
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
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Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN036395.D\data.ms

(25) Benzo(k)fluoranthene

22.967min (-0.009) 0.14 ng/u1 m

response 4110

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	56.61#
125.00	13.30	44.03#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
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 Operator : RC/JU
 Sample : Q1202-19
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3182	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	30048m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.419	164	25344	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.150	188	10410m	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	9590	0.400	ng/ul	# 0.00
23) Perylene-d12	23.610	264	8091m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	20278	5.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	2768	0.073	ng/ul	0.02
18) Fluoranthene-d10	19.179	212	10729	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.617	128	698368	8.437	ng/ul	97
7) 2-Methylnaphthalene	12.251	142	117006	2.275	ng/ul	98
8) 1-Methylnaphthalene	12.471	142	132242	2.534	ng/ul	88
10) Acenaphthylene	14.141	152	8740	0.073	ng/ul#	33
11) Acenaphthene	14.483	153	62198	0.707	ng/ul#	78
12) Fluorene	15.460	166	28095	0.289	ng/ul#	97
14) Pentachlorophenol	16.808	266	652	0.179	ng/ul	98
15) Phenanthrene	17.192	178	65781	2.158	ng/ul	97
16) Anthracene	17.281	178	24636	0.870	ng/ul#	64
19) Fluoranthene	19.207	202	21304	0.585	ng/ul#	82
20) Pyrene	19.574	202	19184	0.504	ng/ul#	82
21) Benzo(a)anthracene	21.319	228	6573	0.192	ng/ul#	49
22) Chrysene	21.368	228	9703	0.277	ng/ul#	42
24) Benzo(b)fluoranthene	22.926	252	10571m	0.392	ng/ul	
25) Benzo(k)fluoranthene	22.967	252	4110m	0.145	ng/ul	
26) Benzo(a)pyrene	23.514	252	8369	0.343	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.920	276	5759	0.179	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.930	278	1301	0.052	ng/ul#	1
29) Benzo(g,h,i)perylene	26.631	276	6242	0.249	ng/ul#	86

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

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