

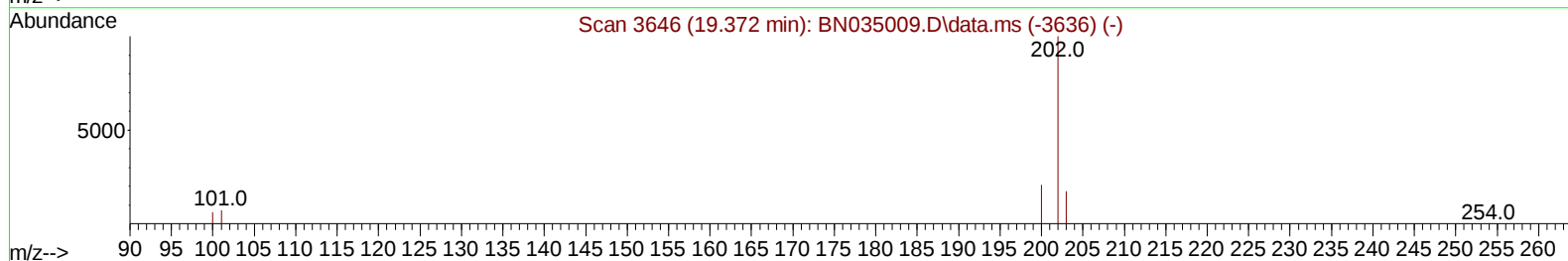
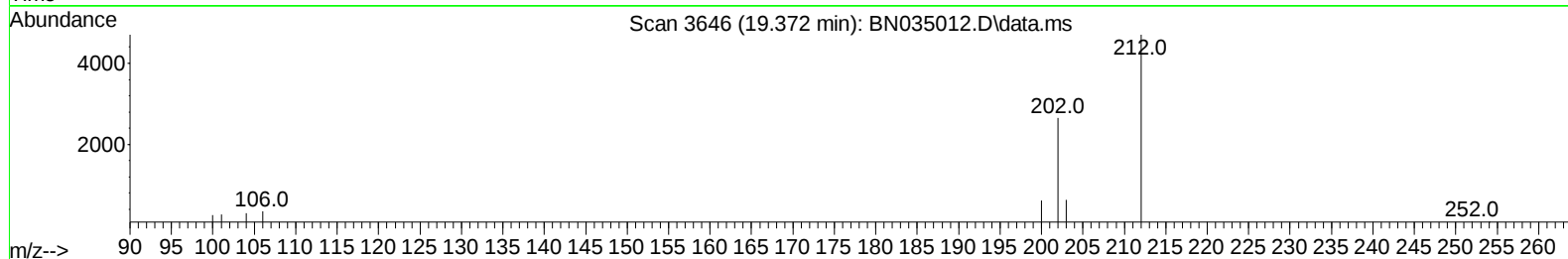
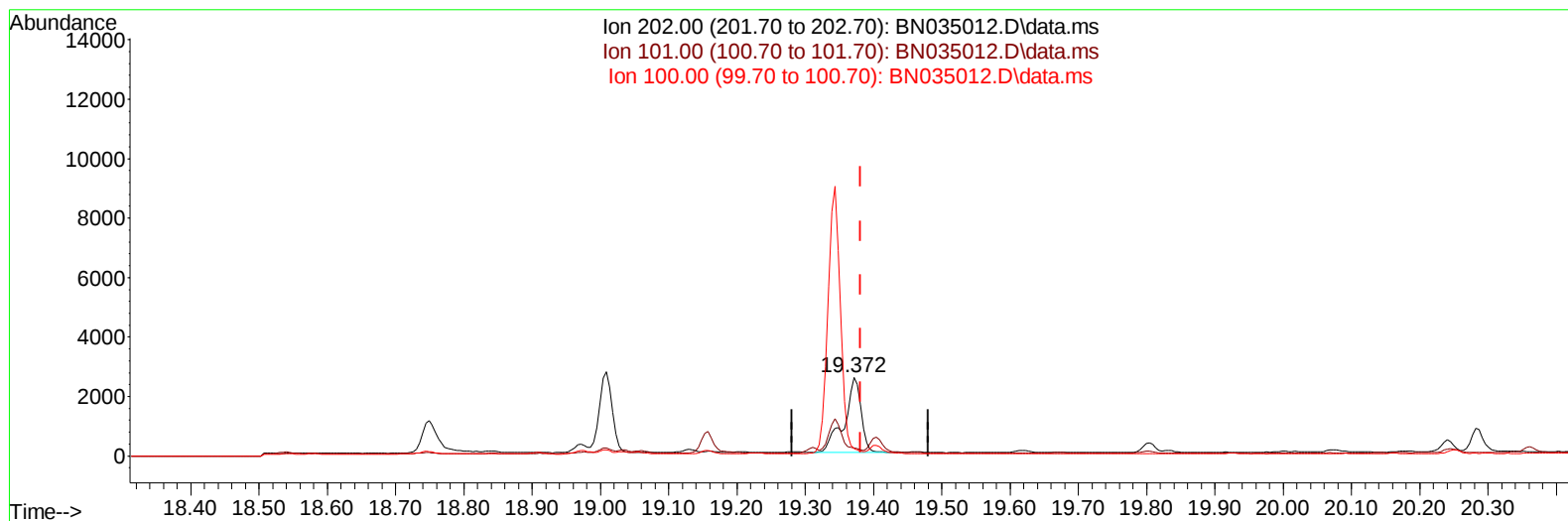
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(20) Pyrene

19.372min (-0.009) 0.10 ng/u1

response 4276

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.20	10.31#
100.00	5.10	9.55#
0.00	0.00	0.00

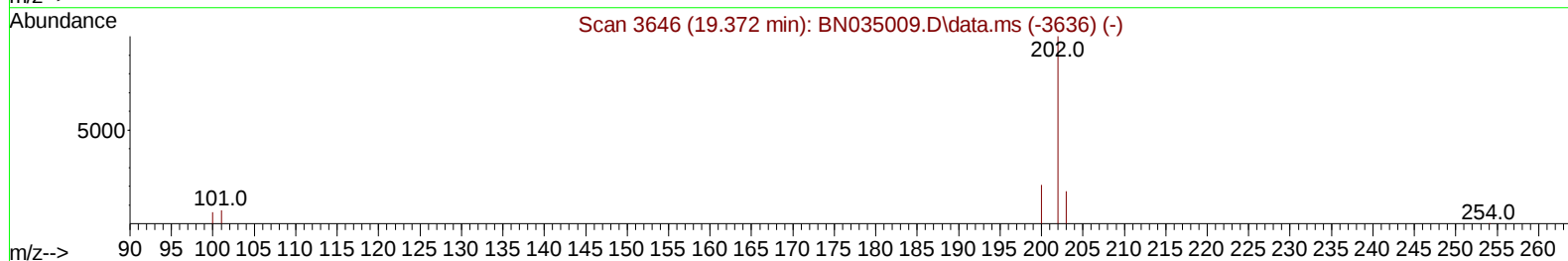
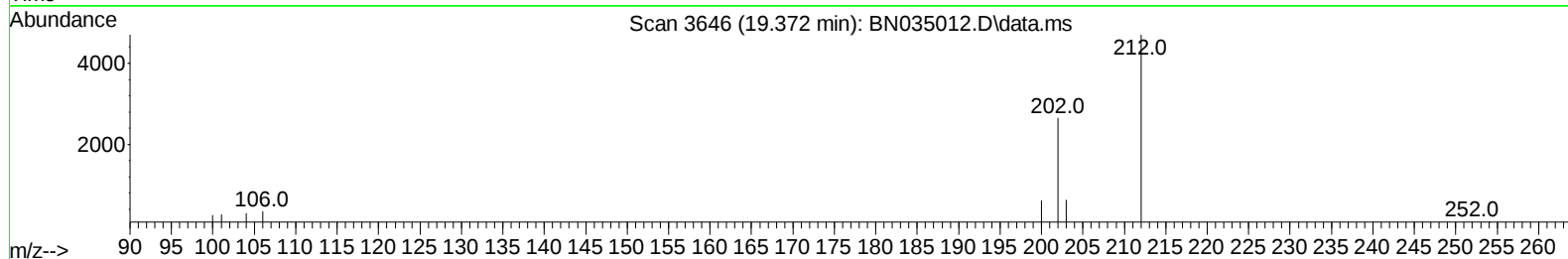
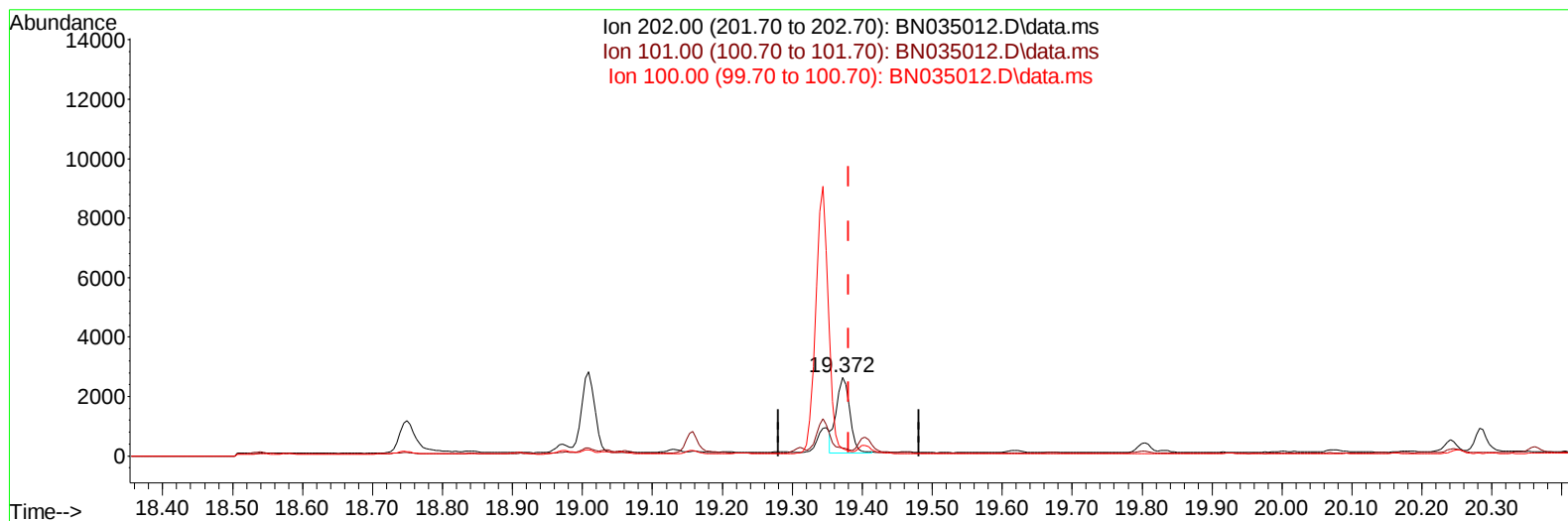
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
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Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(20) Pyrene

19.372min (-0.009) 0.08 ng/u1 m

response 3396

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.20	10.31#
100.00	5.10	9.55#
0.00	0.00	0.00

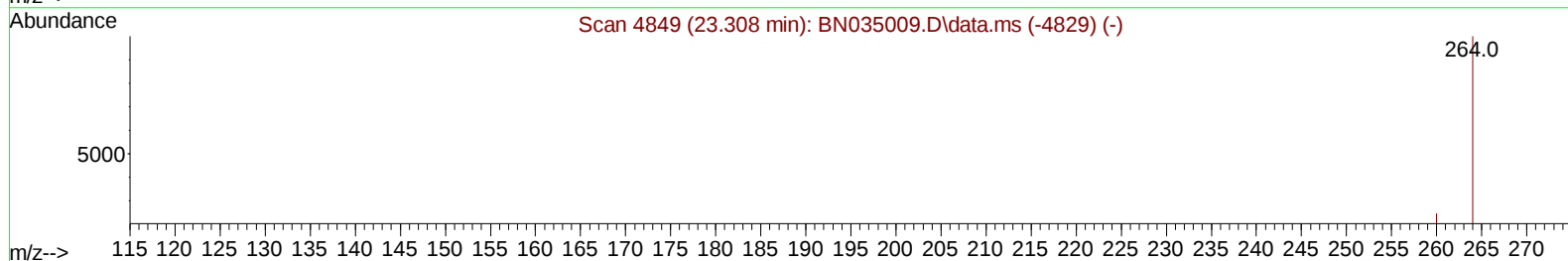
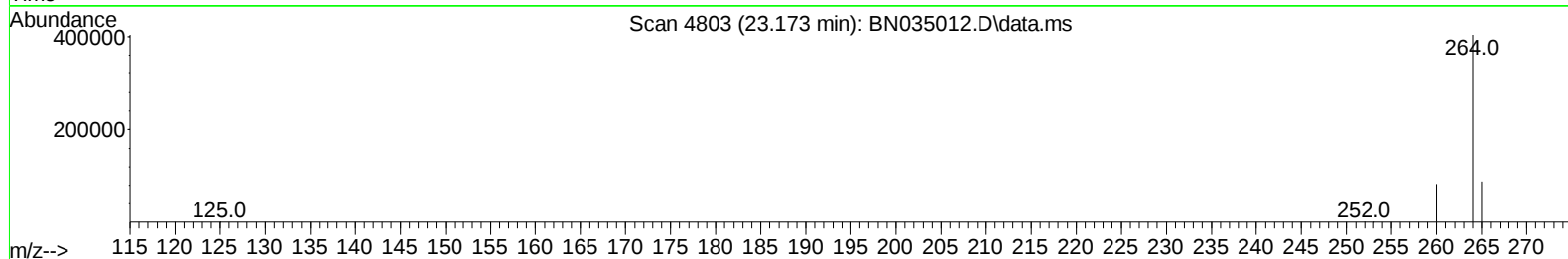
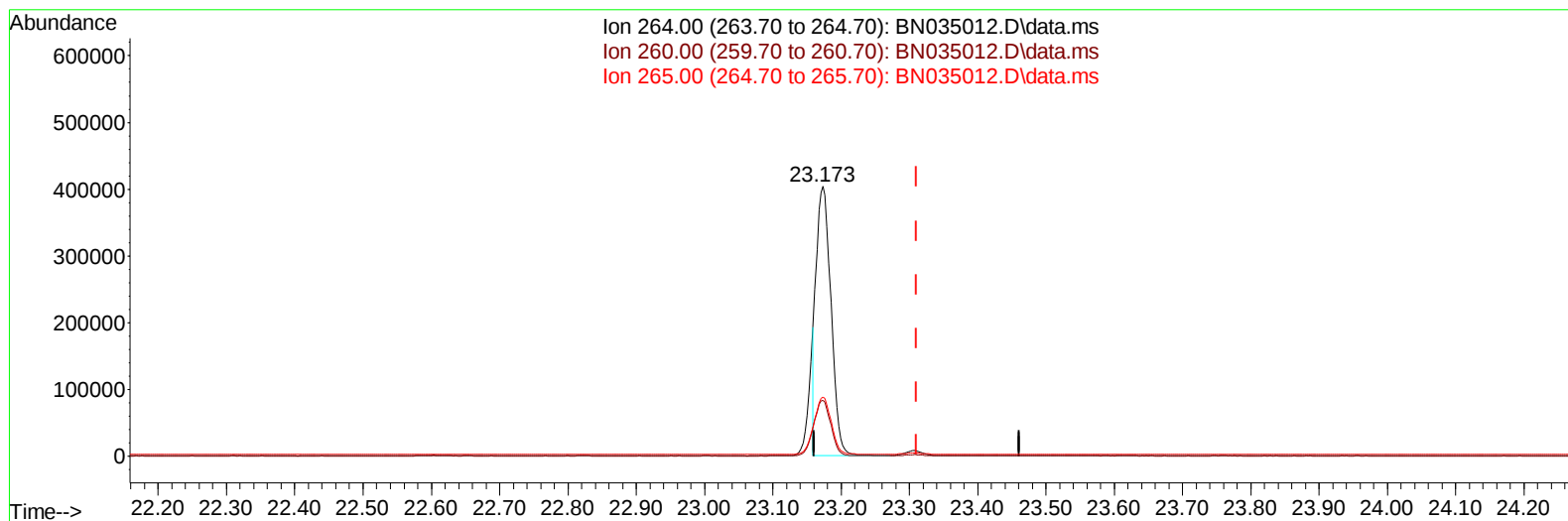
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
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TIC: BN035012.D\data.ms

(23) Perylene-d12 (I)

23.173min (-0.137) 0.40 ng/u1

response 603464

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	20.68#
265.00	52.80	21.91#
0.00	0.00	0.00

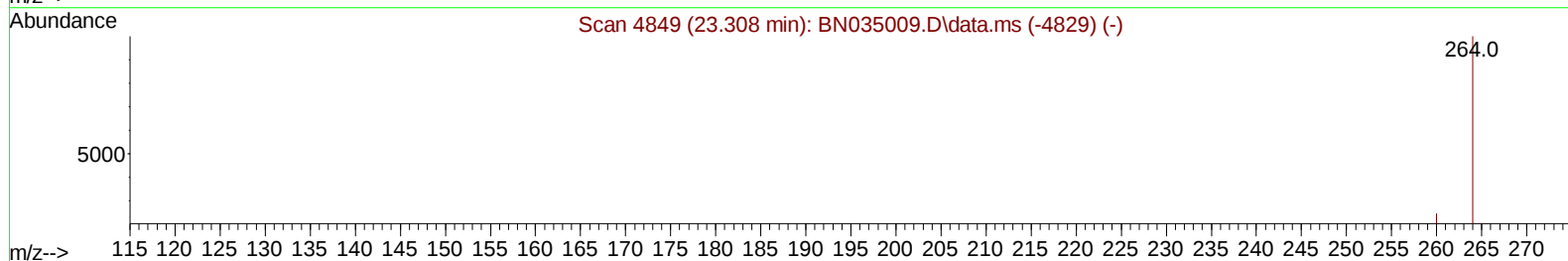
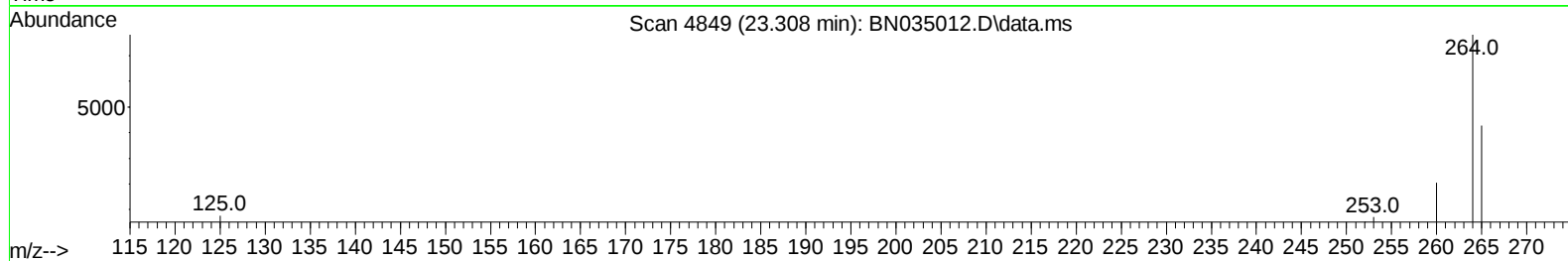
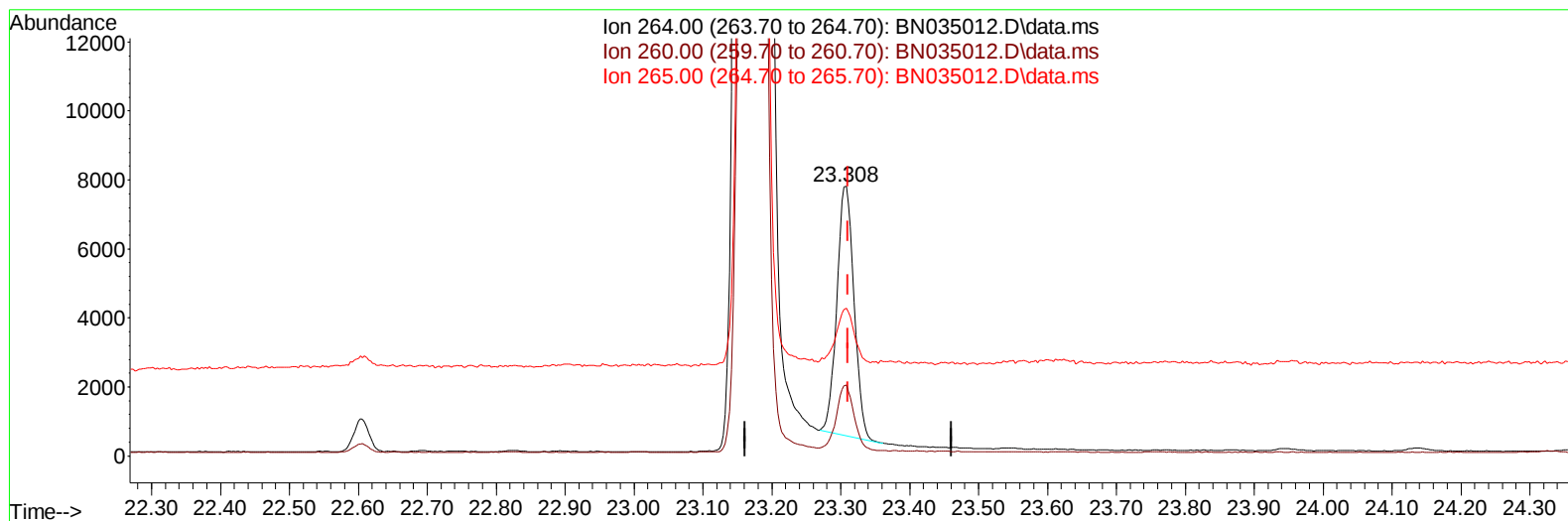
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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Reviewed By :Yogesh Patel 11/12/2024
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TIC: BN035012.D\data.ms

(23) Perylene-d12 (I)

23.308min (-0.003) 0.40 ng/ul m

response 12535

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	26.25
265.00	52.80	54.72
0.00	0.00	0.00

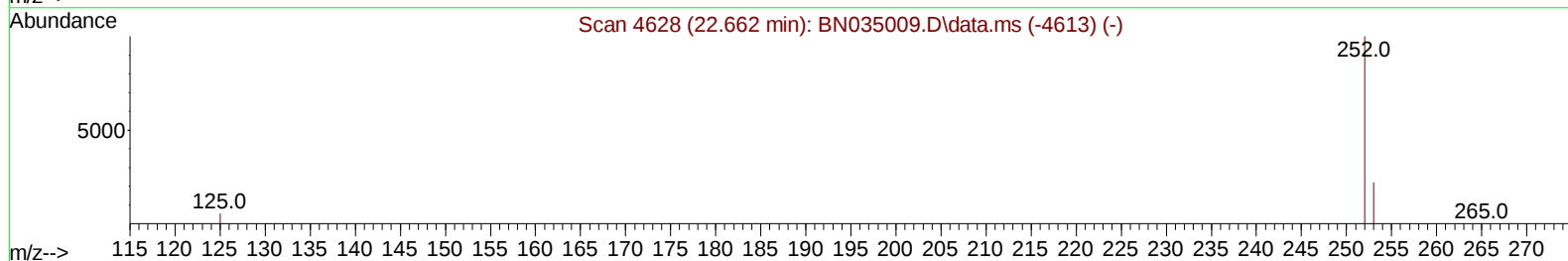
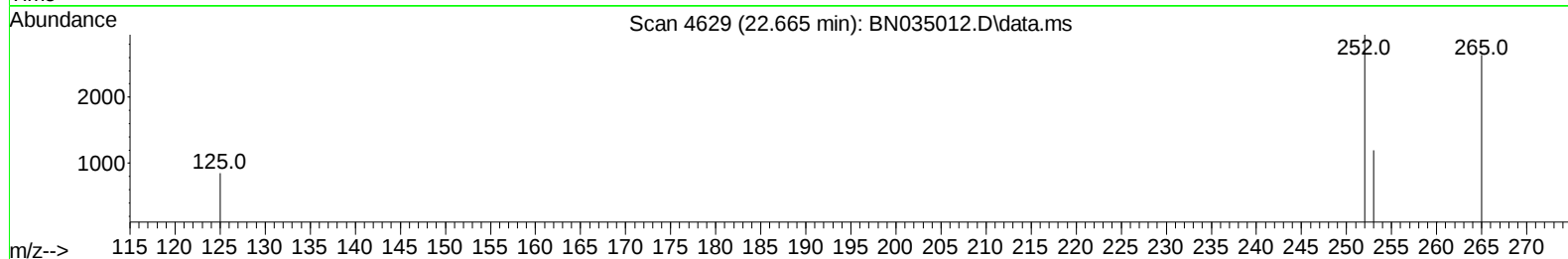
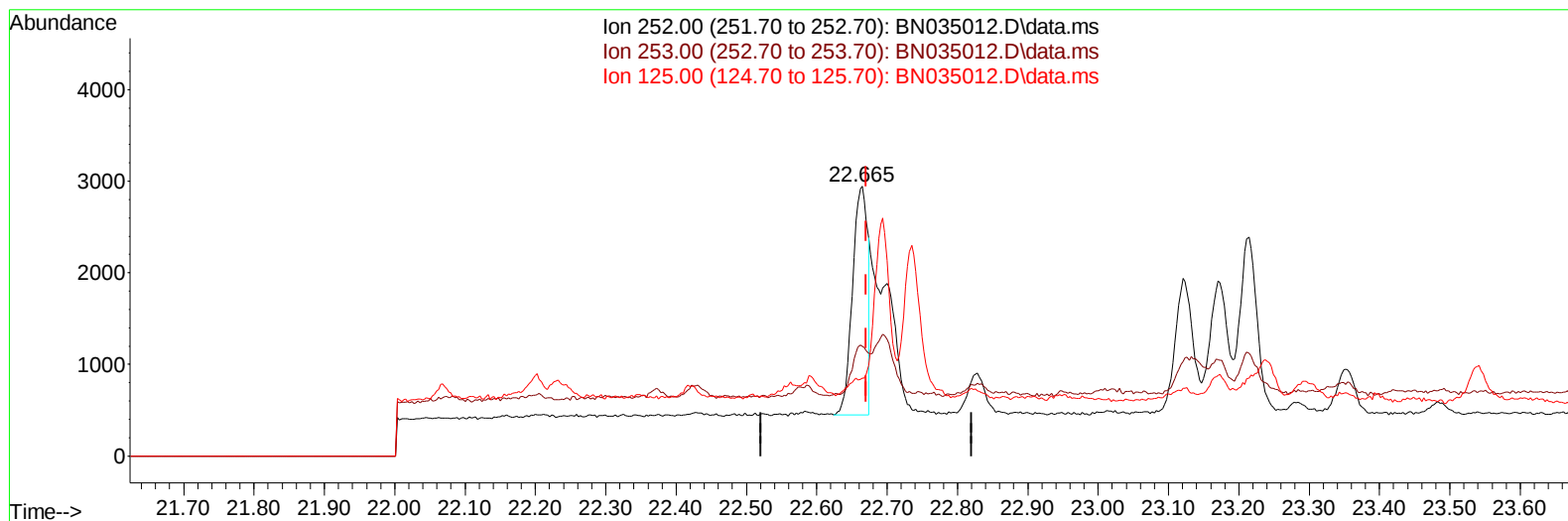
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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QLast Update : Sat Nov 09 00:09:12 2024
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Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (-0.006) 0.08 ng/u1

response 3672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	40.79
125.00	7.00	28.89#
0.00	0.00	0.00

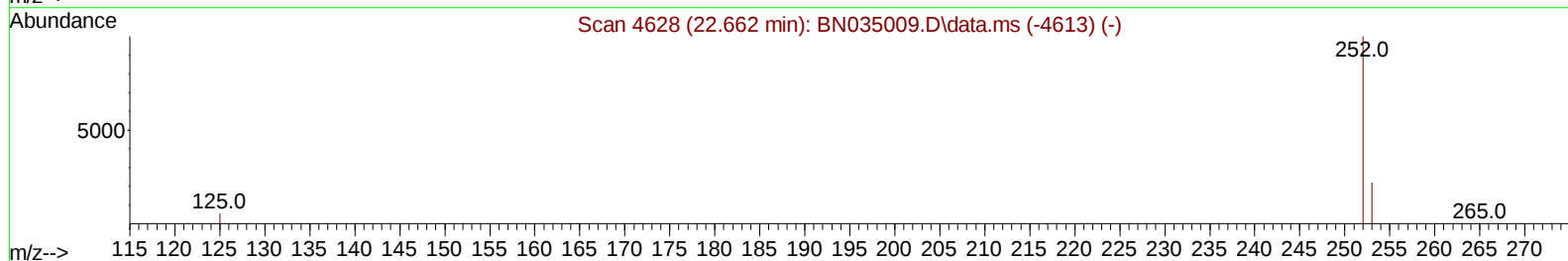
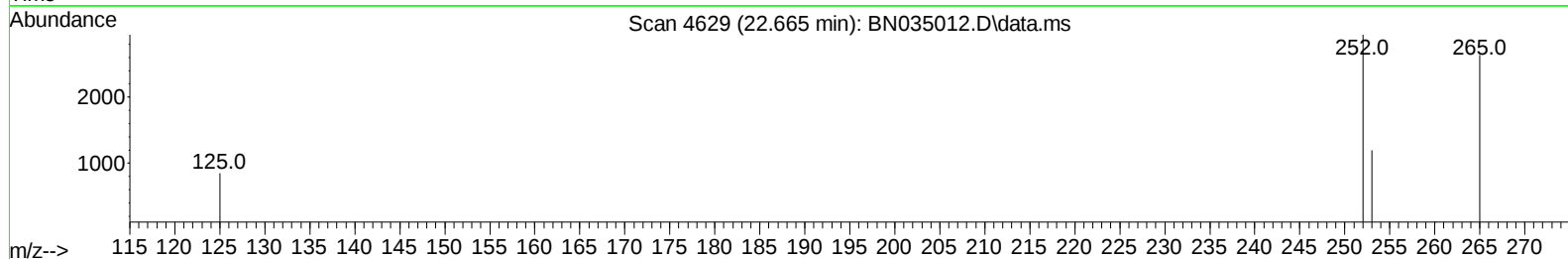
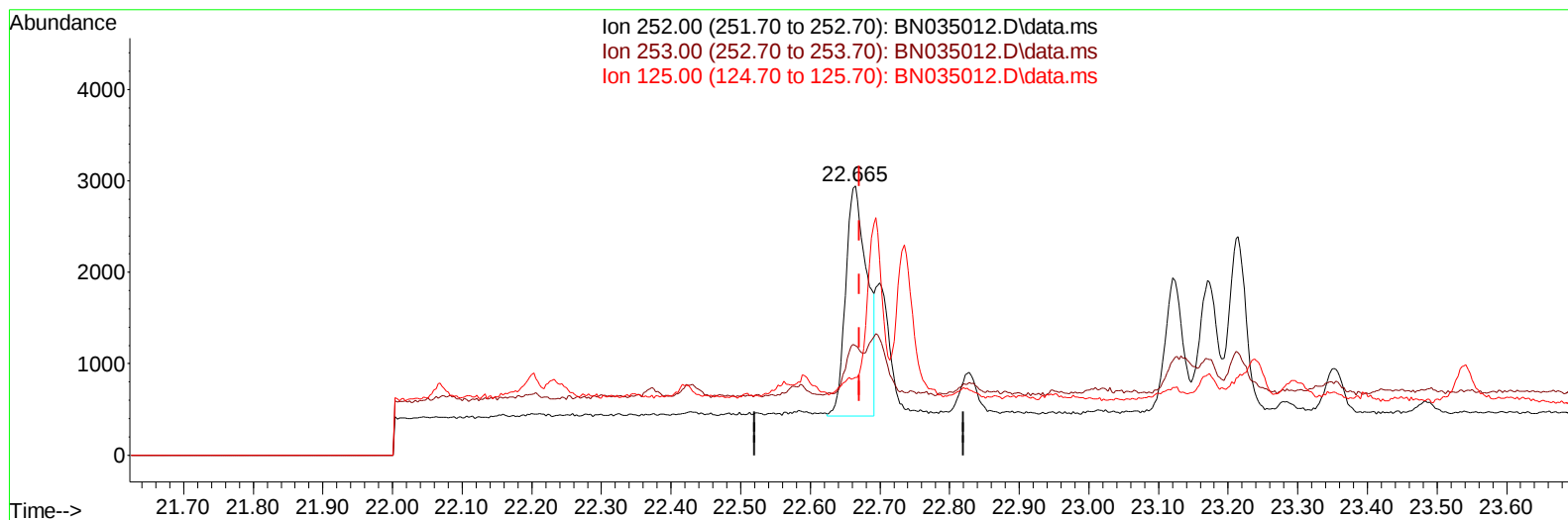
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (-0.006) 0.12 ng/u1 m

response 5336

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	40.79
125.00	7.00	28.89#
0.00	0.00	0.00

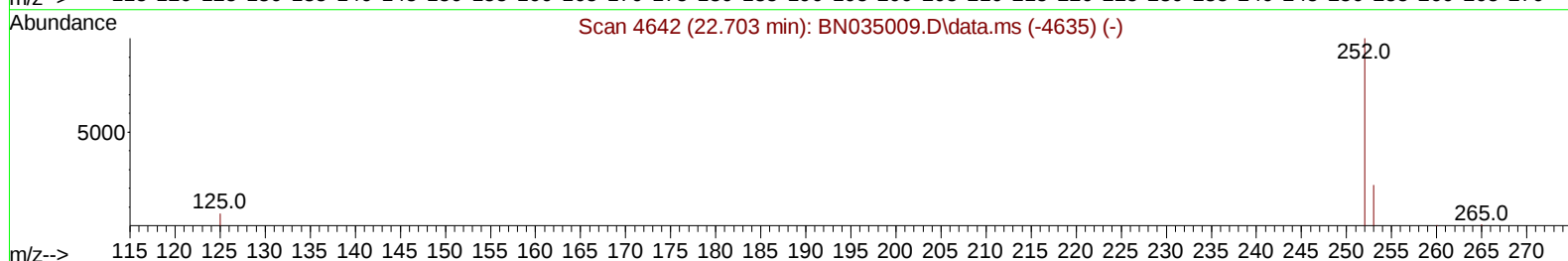
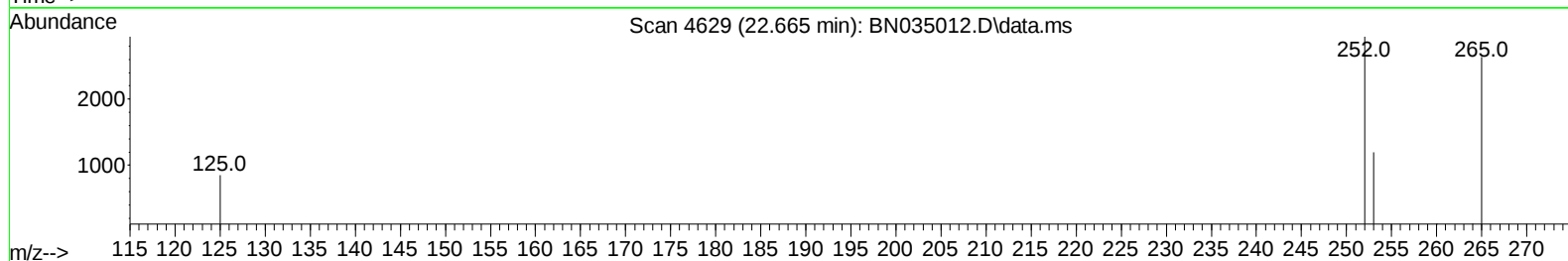
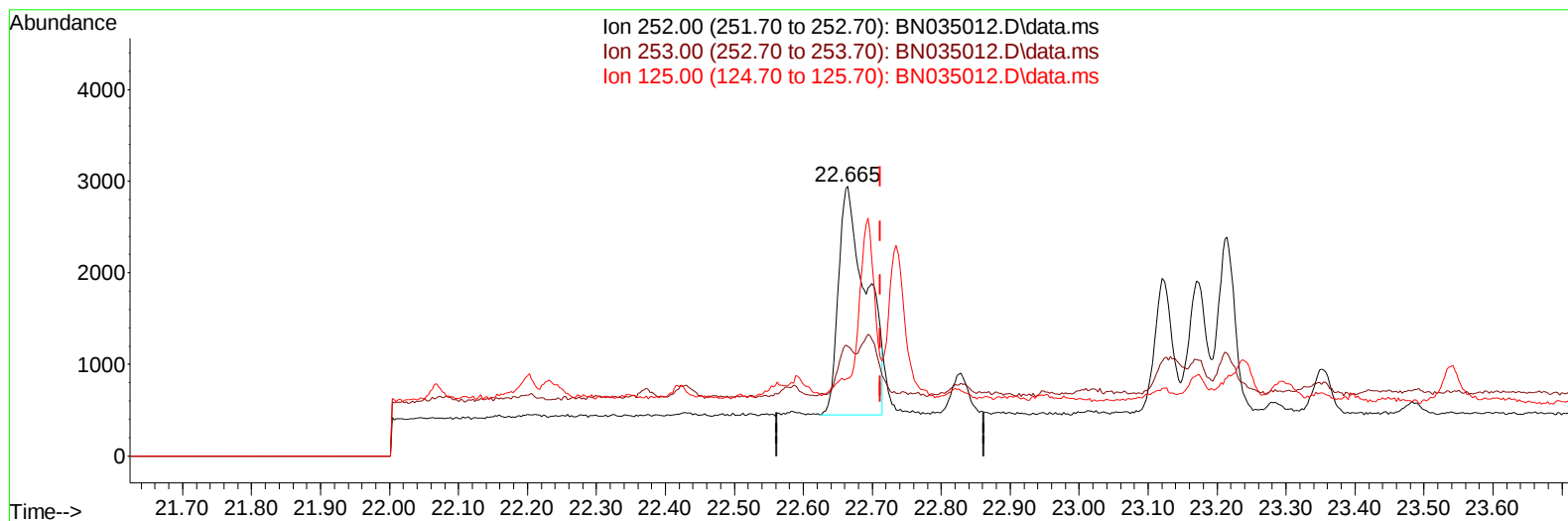
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration



TIC: BN035012.D\data.ms

(25) Benzo(k)fluoranthene

22.665min (-0.047) 0.15 ng/u1

response 6945

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	40.79#
125.00	7.30	28.89#
0.00	0.00	0.00

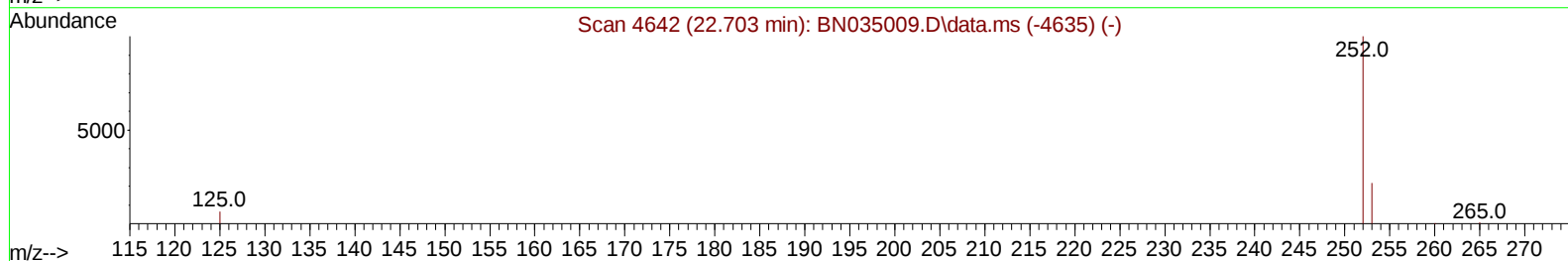
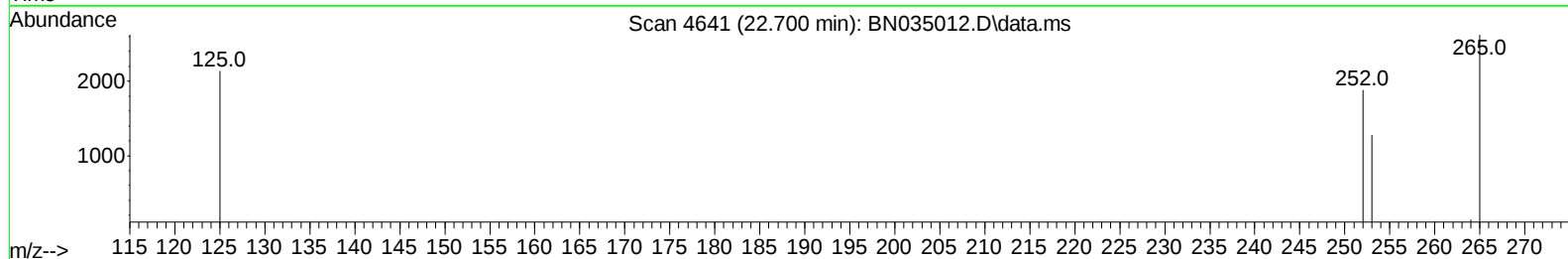
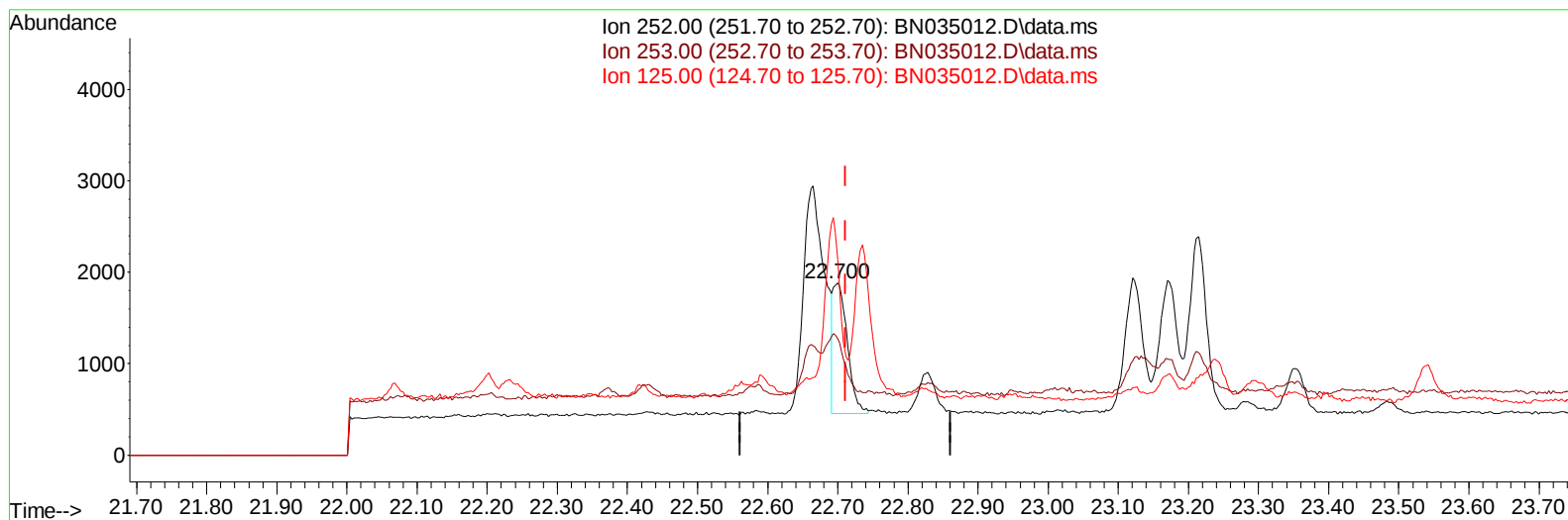
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(25) Benzo(k)fluoranthene

22.700min (-0.012) 0.04 ng/u1 m

response	2015	
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	67.60#
125.00	7.30	113.44#
0.00	0.00	0.00

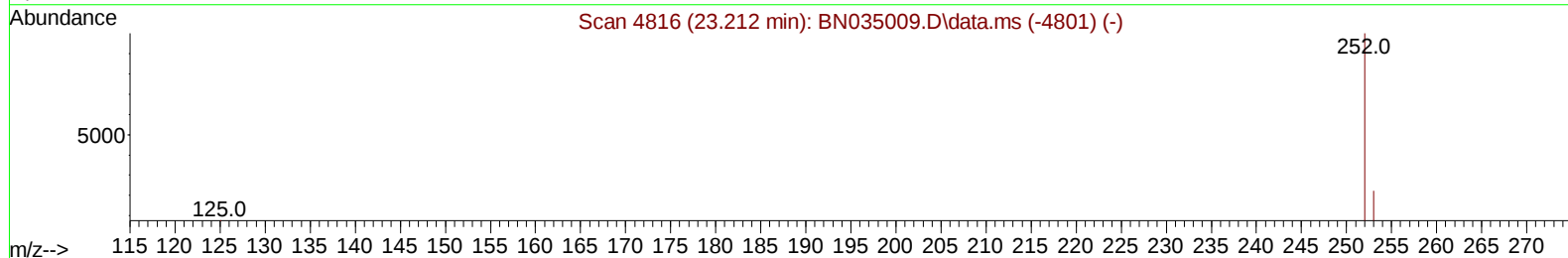
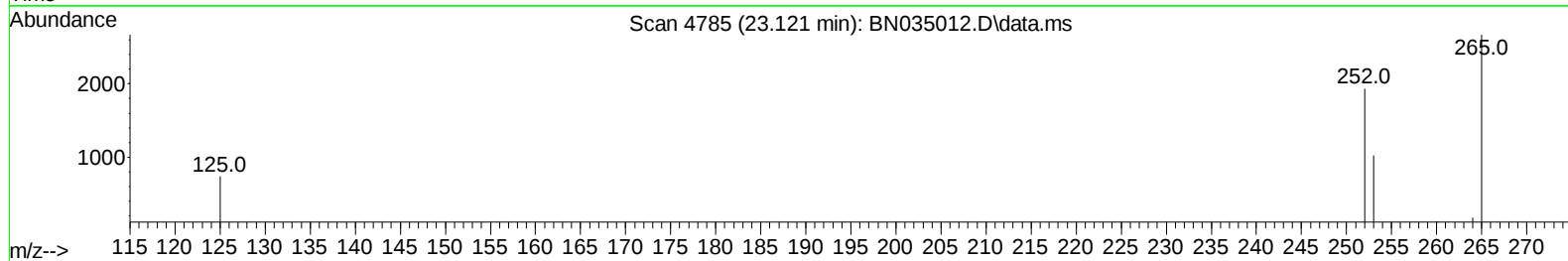
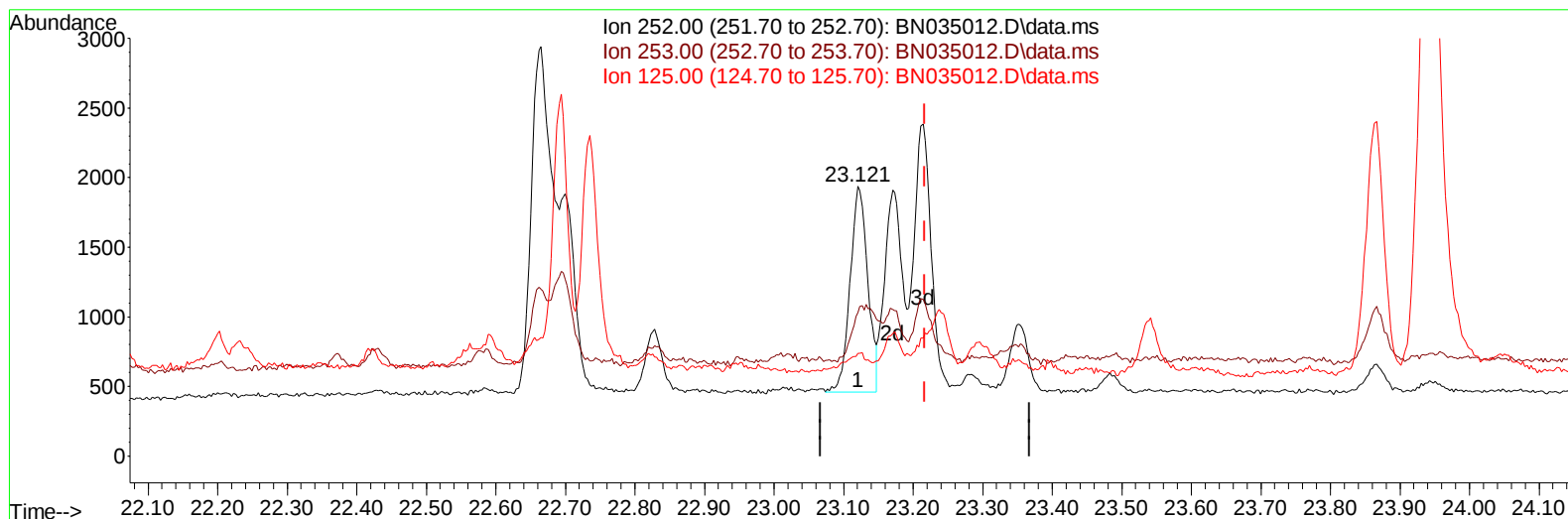
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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TIC: BN035012.D\data.ms

(26) Benzo(a)pyrene (C)

23.121min (-0.097) 0.07 ng/u1

response 2609

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	53.12#
125.00	7.90	38.05#
0.00	0.00	0.00

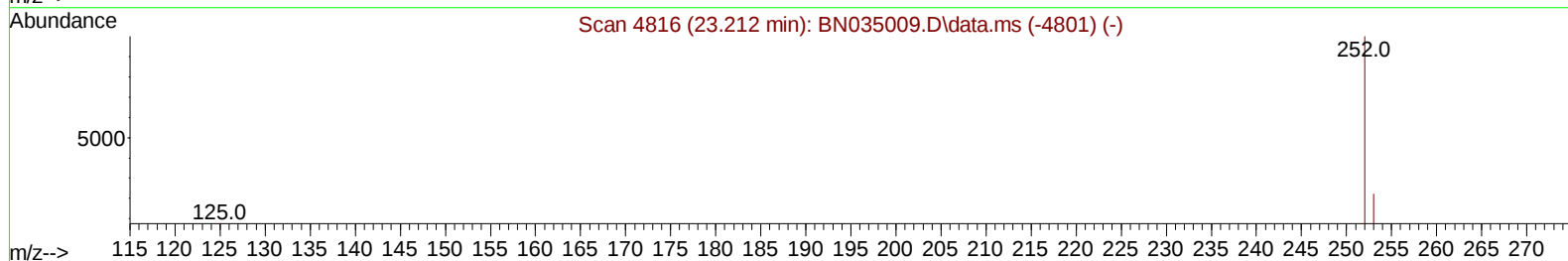
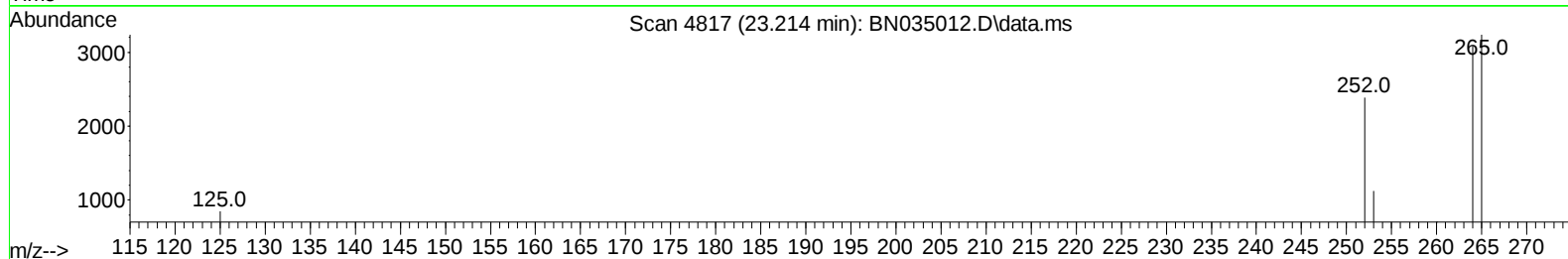
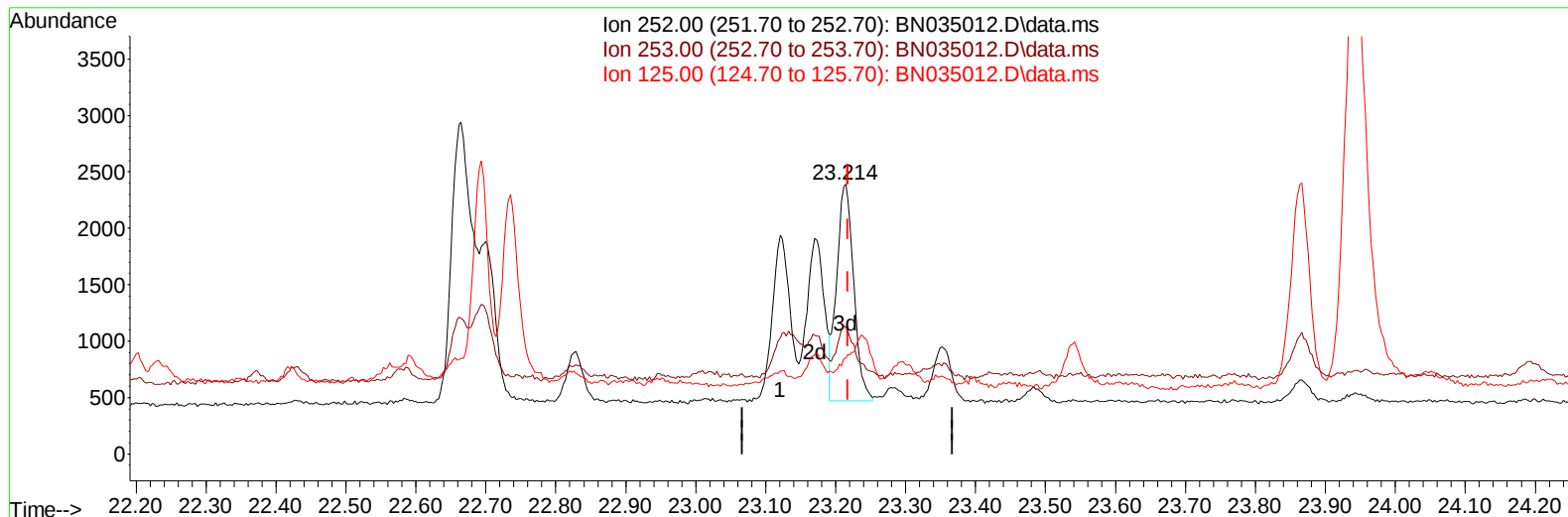
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

(26) Benzo(a)pyrene (C)

23.214min (-0.003) 0.08 ng/u1 m

response 3236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	47.07#
125.00	7.90	35.47#
0.00	0.00	0.00

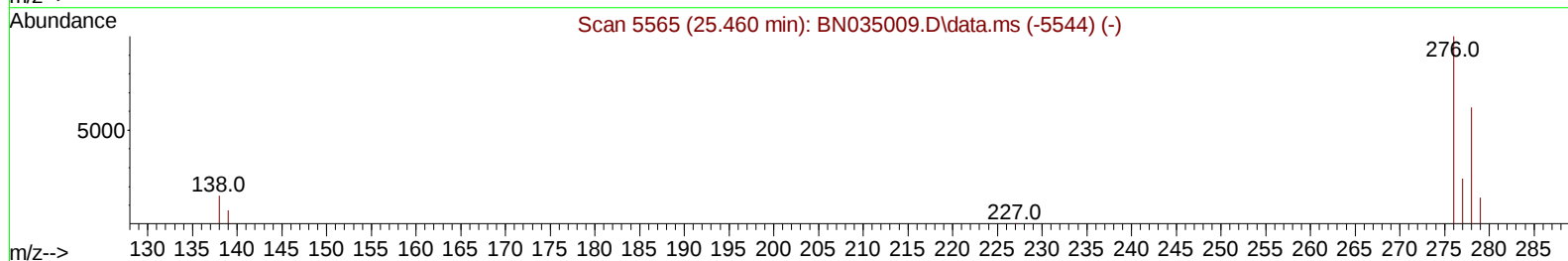
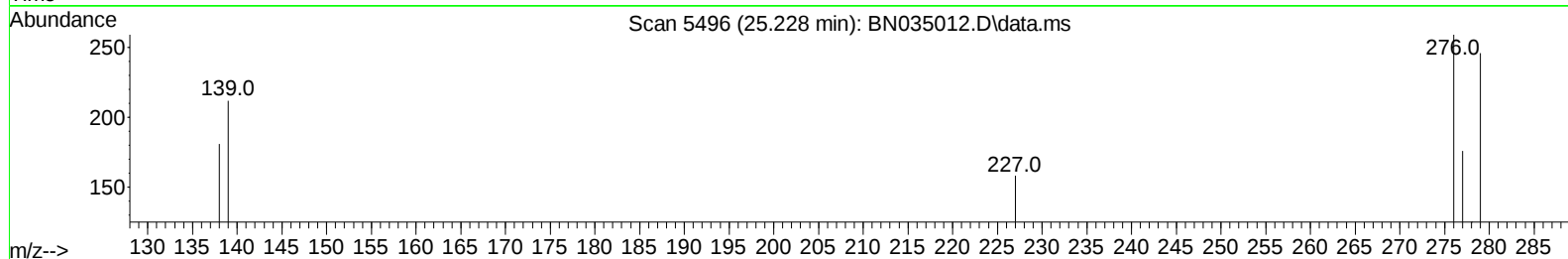
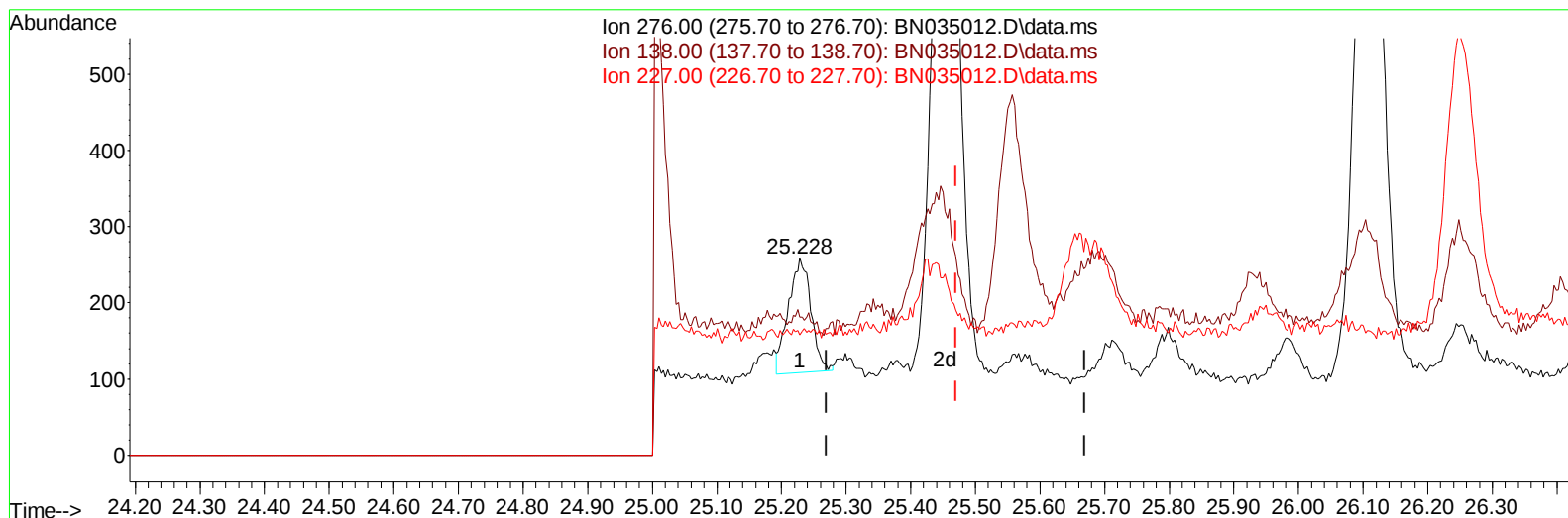
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/14/2024

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TIC: BN035012.D\data.ms

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

25.228min (-0.242) 0.01 ng/u1

response 365

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	15.62
227.00	0.30	4.38#
0.00	0.00	0.00

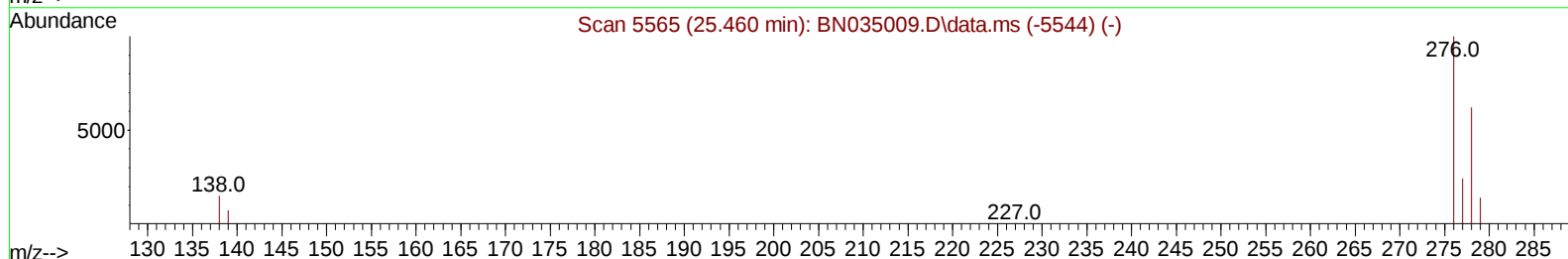
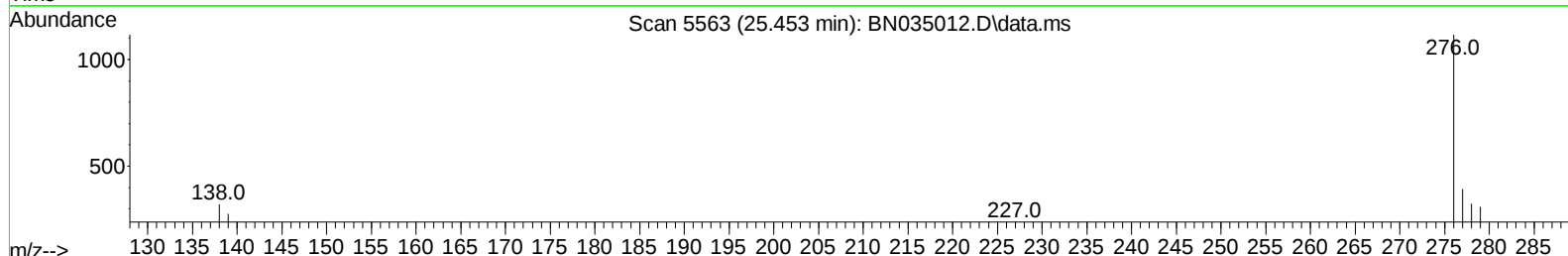
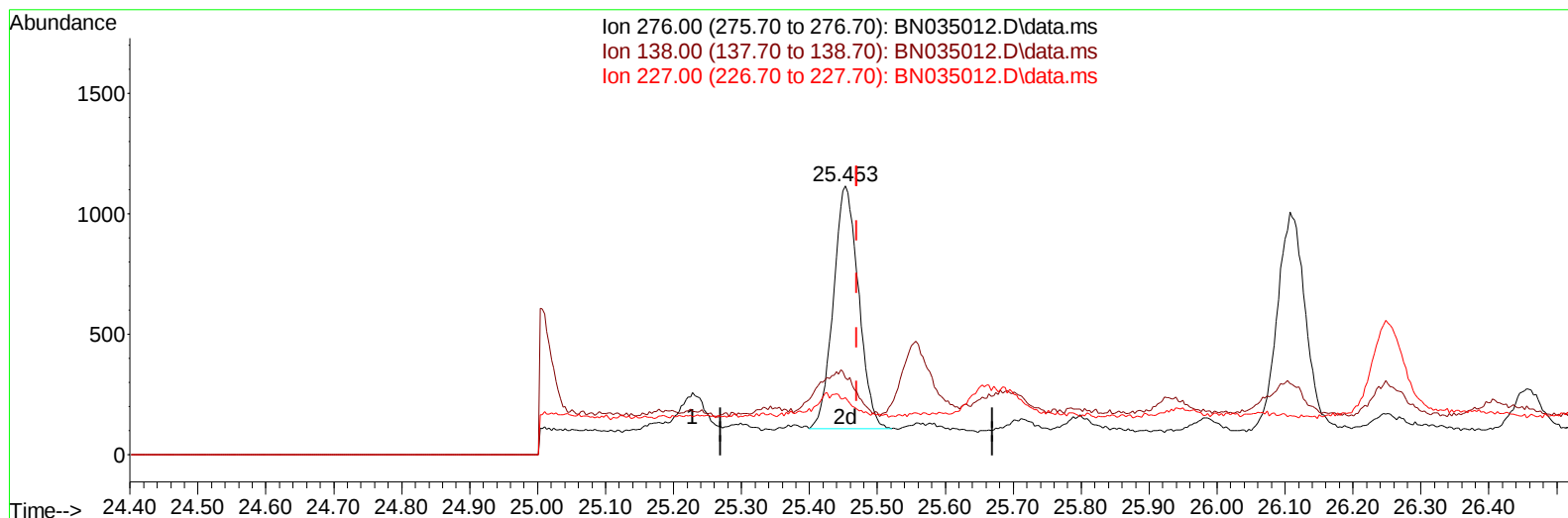
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

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

25.453min (-0.017) 0.05 ng/u1 m

response 2602

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	2.19#
227.00	0.30	0.61#
0.00	0.00	0.00

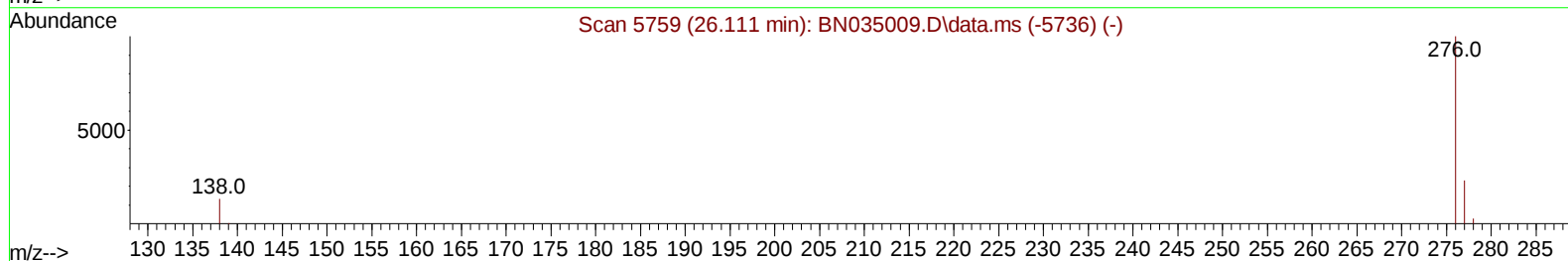
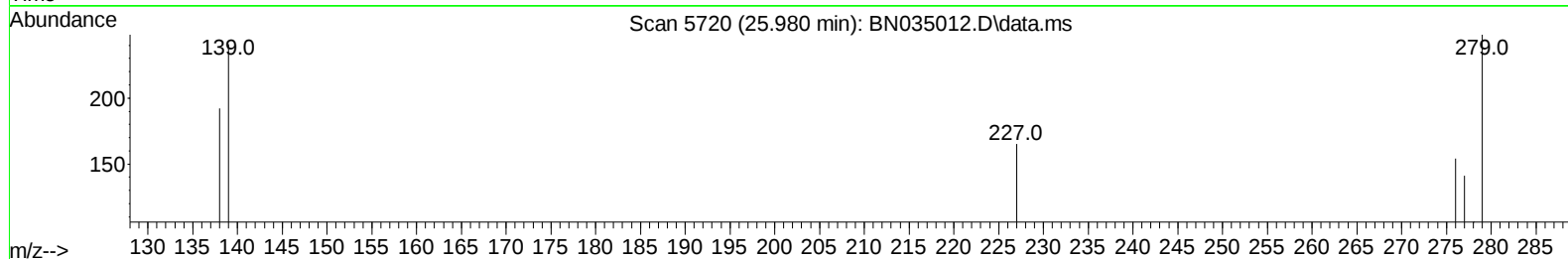
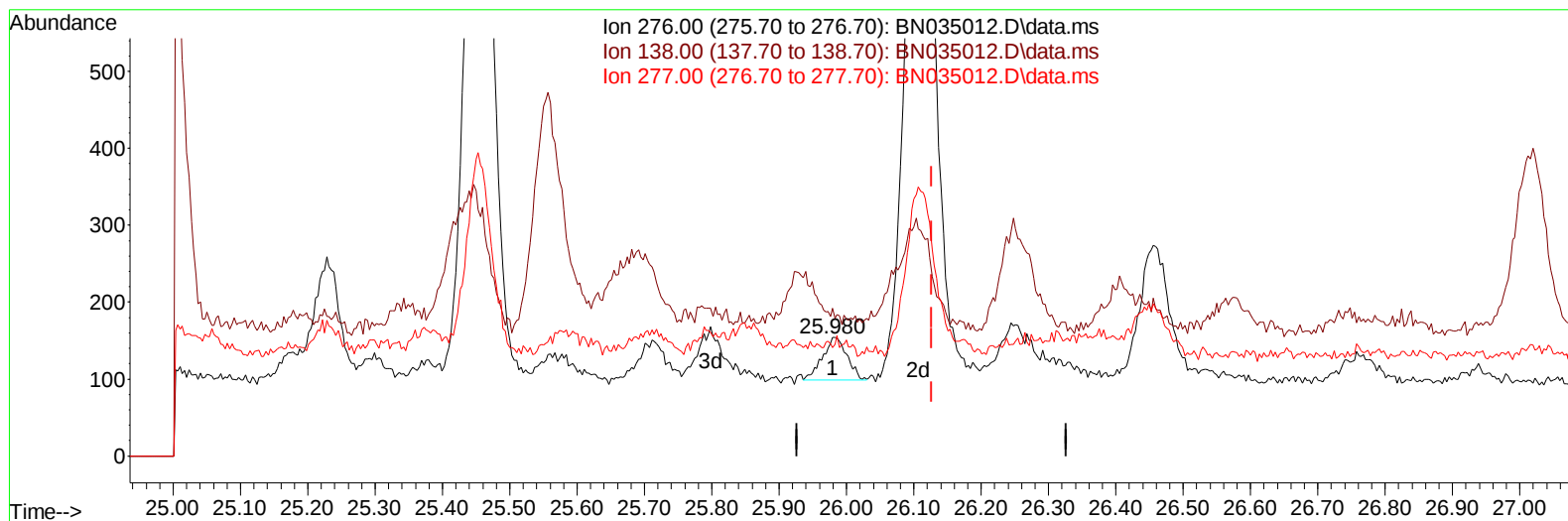
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

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

25.980min (-0.148) 0.00 ng/u1

response 139

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	124.68#
277.00	25.20	91.56#
0.00	0.00	0.00

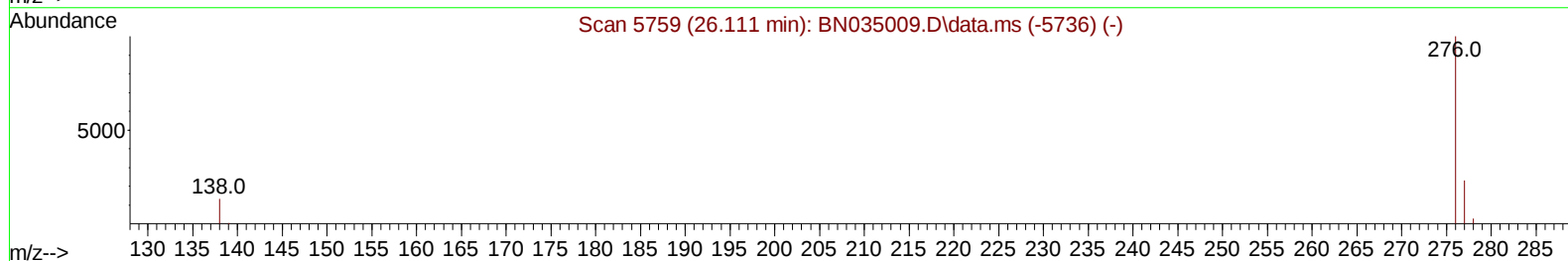
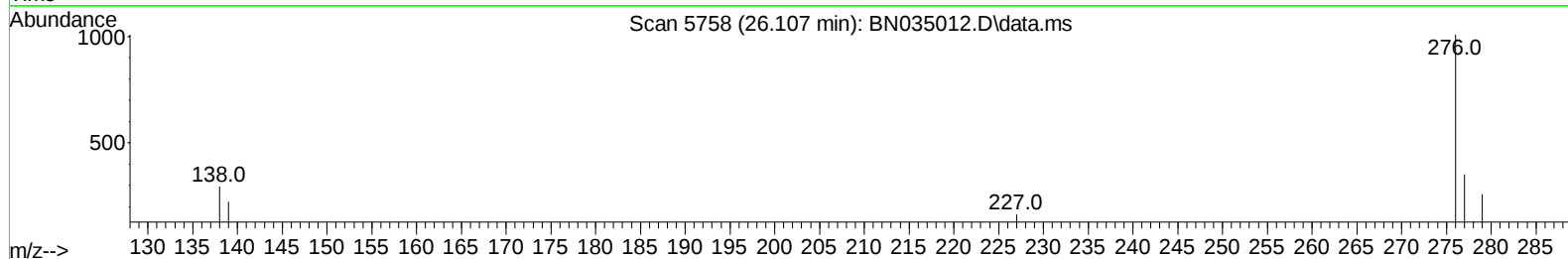
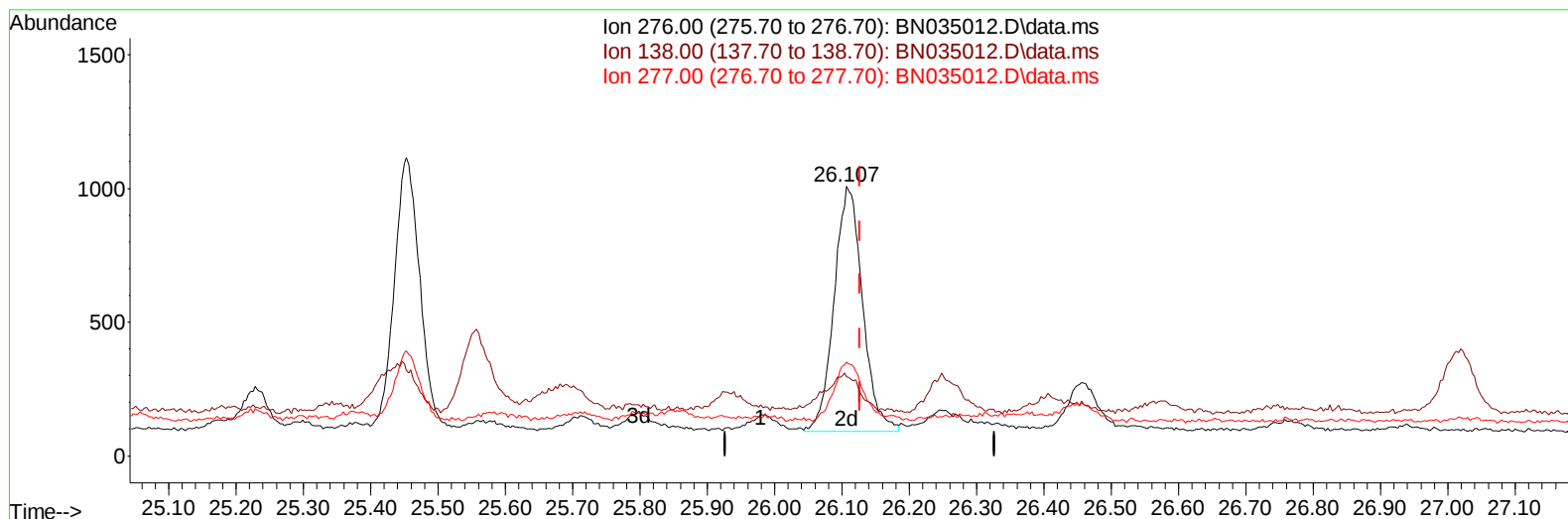
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035012.D
Acq On : 11 Nov 2024 19:26
Operator : RC/JU
Sample : P4636-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CC0P2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:04:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035012.D\data.ms

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

26.107min (-0.020) 0.07 ng/ul m

response 2689

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	29.27#
277.00	25.20	34.72#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035012.D
 Acq On : 11 Nov 2024 19:26
 Operator : RC/JU
 Sample : P4636-05
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.562	152		2894	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136		7681	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.198	164		5527	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188		12573	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240		12422	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264		12535m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.149	96		8097	2.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152		2684	0.228	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212		7911	0.248	ng/ul	0.00
Target Compounds							
						Qvalue	
15) Phenanthrene	16.987	178		1298	0.039	ng/ul#	90
19) Fluoranthene	19.009	202		3501	0.084	ng/ul#	89
20) Pyrene	19.372	202		3396m	0.079	ng/ul	
21) Benzo(a)anthracene	21.125	228		2839	0.063	ng/ul#	89
22) Chrysene	21.177	228		3317	0.072	ng/ul#	90
24) Benzo(b)fluoranthene	22.665	252		5336m	0.121	ng/ul	
25) Benzo(k)fluoranthene	22.700	252		2015m	0.044	ng/ul	
26) Benzo(a)pyrene	23.214	252		3236m	0.082	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276		2602m	0.054	ng/ul	
29) Benzo(g,h,i)perylene	26.107	276		2689m	0.073	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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