

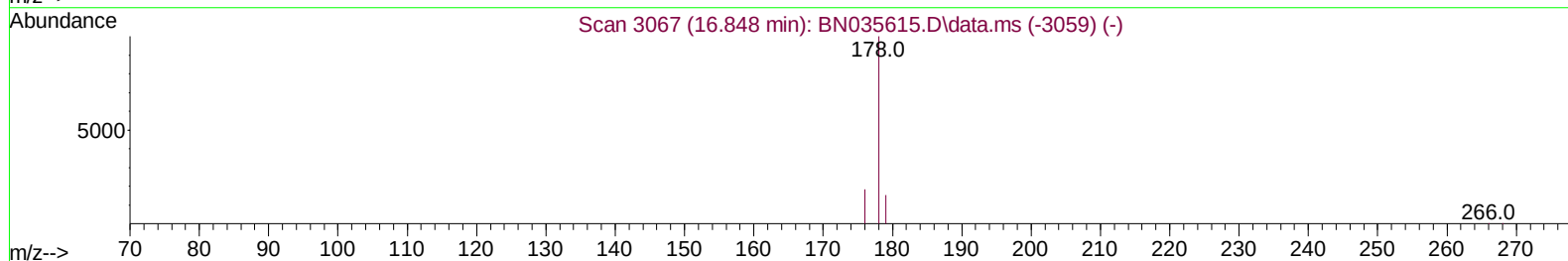
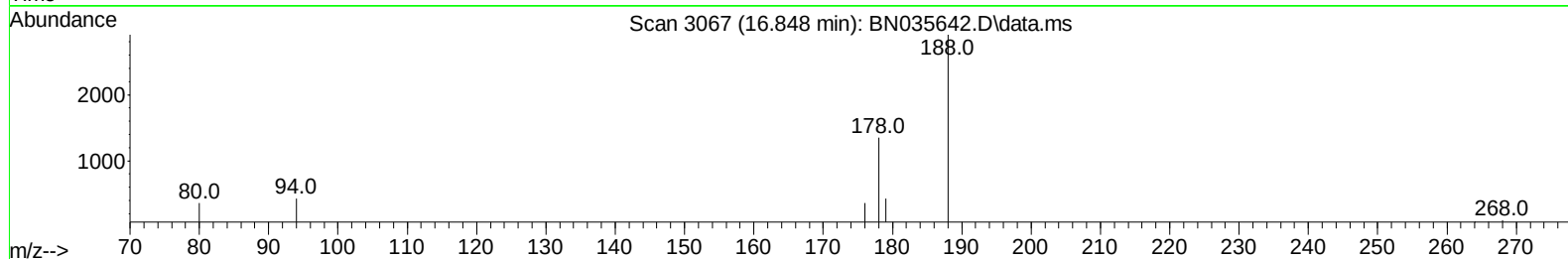
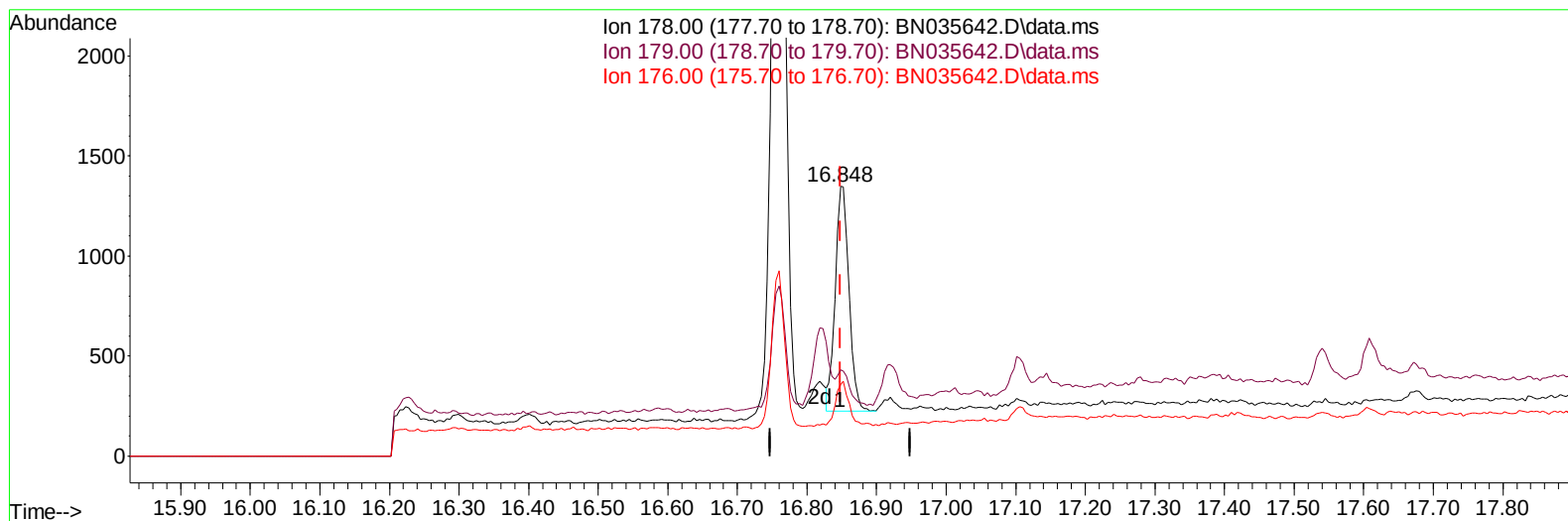
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 07:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035642.D\data.ms

(16) Anthracene

16.848min (+ 0.000) 0.07 ng/u1

response 1554

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	32.00#
176.00	19.20	26.50#
0.00	0.00	0.00

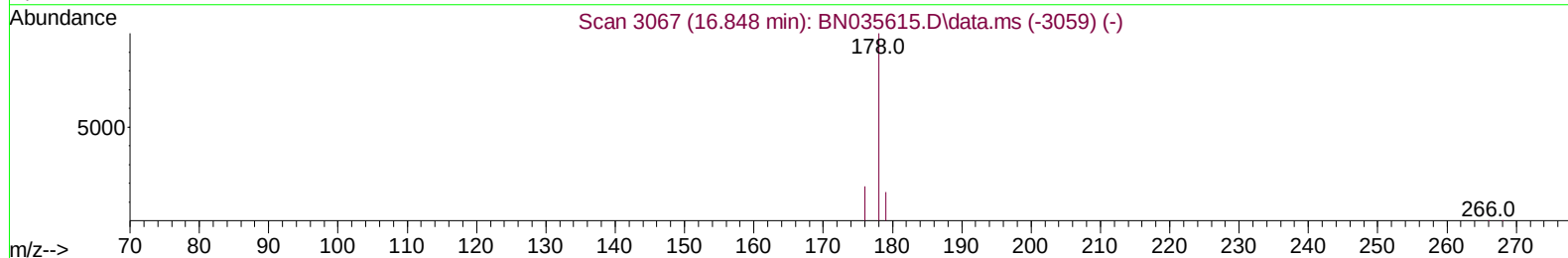
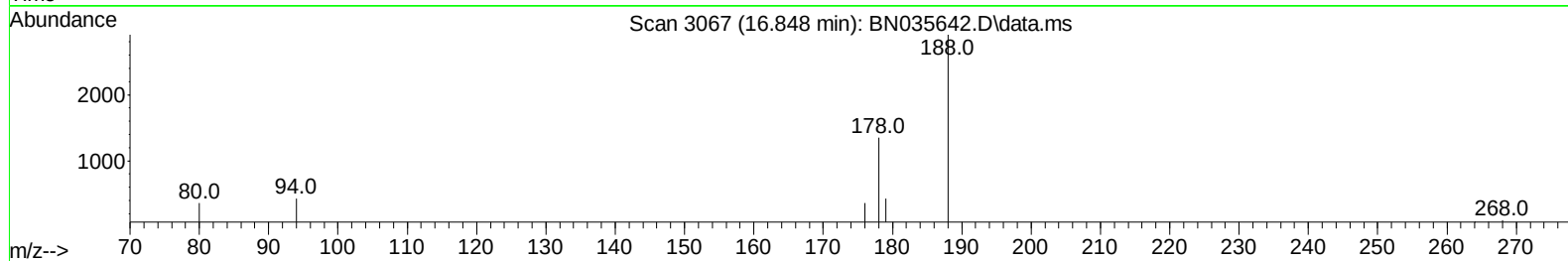
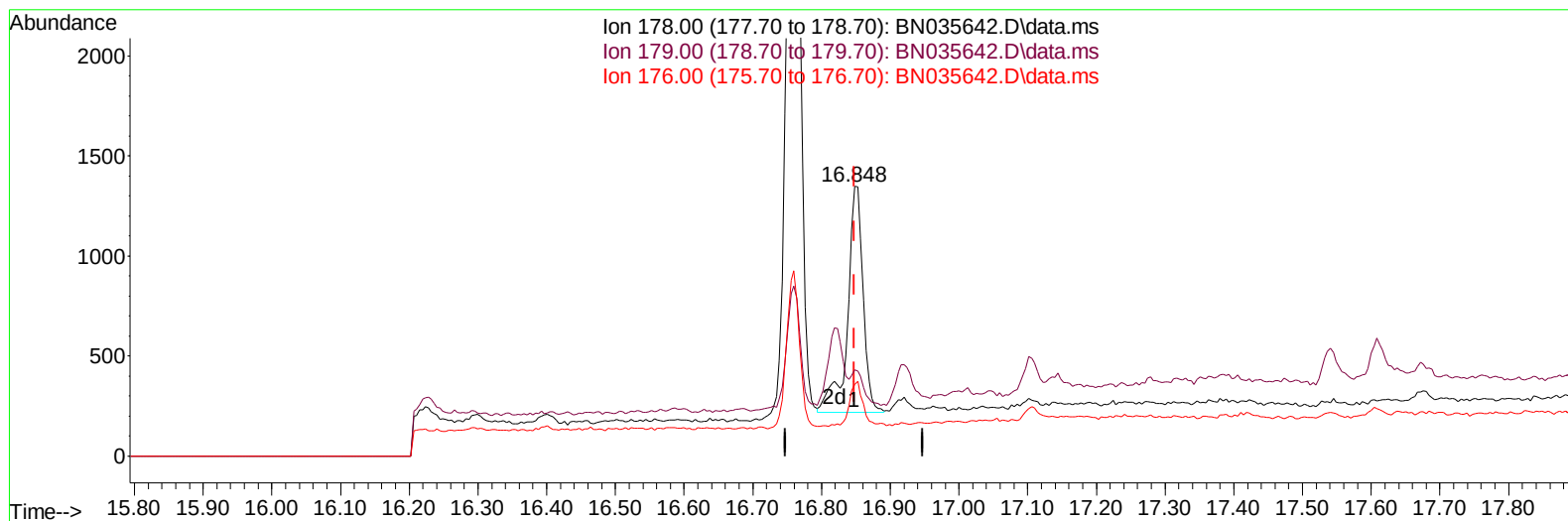
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Instrument :
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TIC: BN035642.D\data.ms

(16) Anthracene

16.848min (+ 0.000) 0.08 ng/ul m

response 1791

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	32.00#
176.00	19.20	26.50#
0.00	0.00	0.00

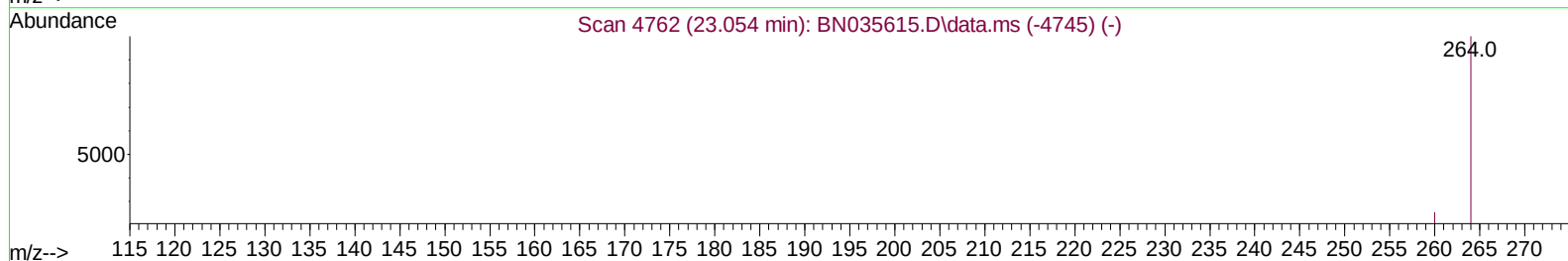
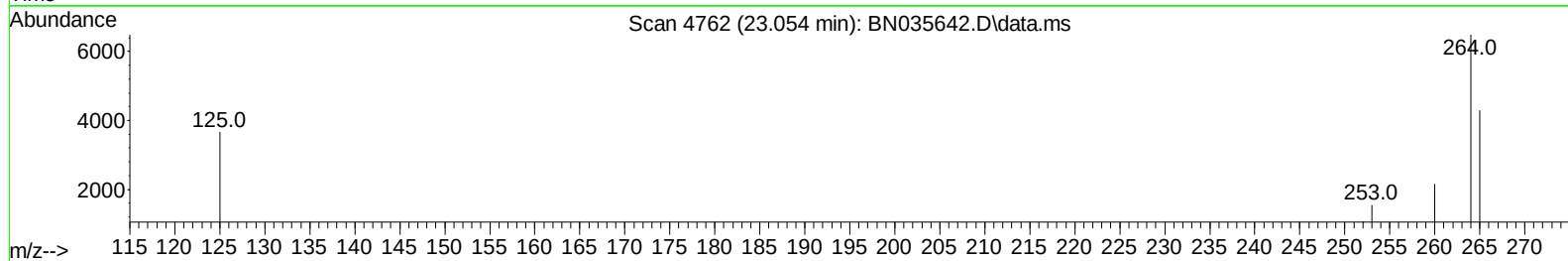
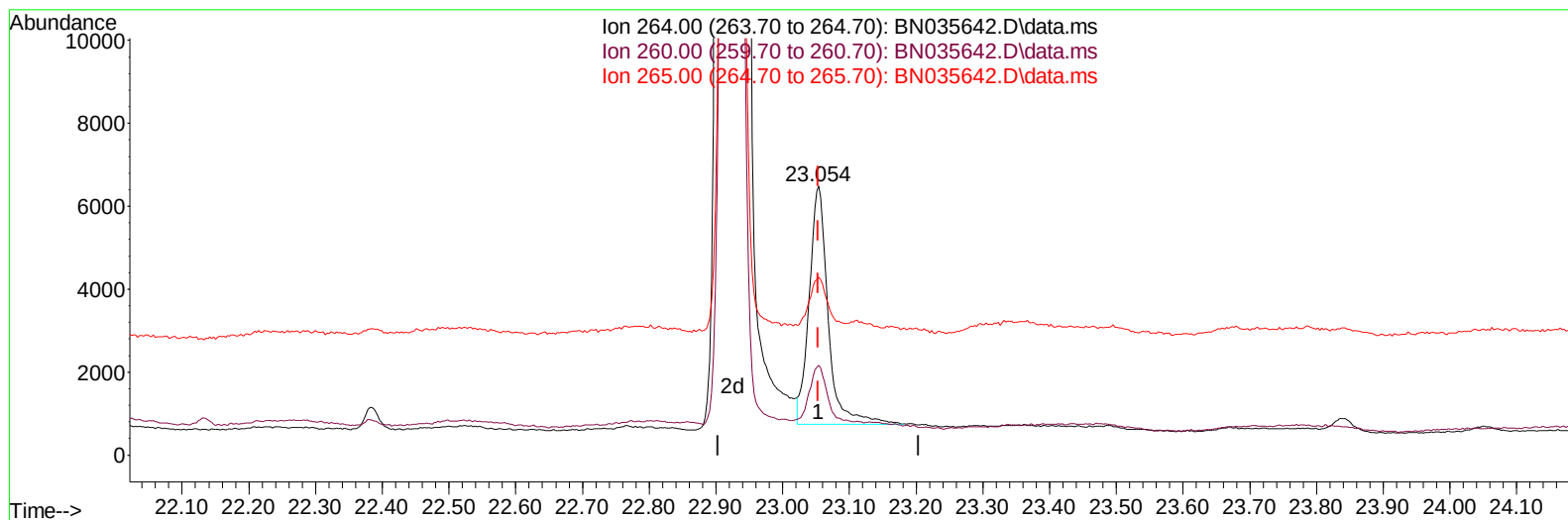
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

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TIC: BN035642.D\data.ms

(23) Perylene-d12 (I)

23.054min (+ 0.000) 0.40 ng/u1

response 11384

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	33.38#
265.00	62.10	66.17
0.00	0.00	0.00

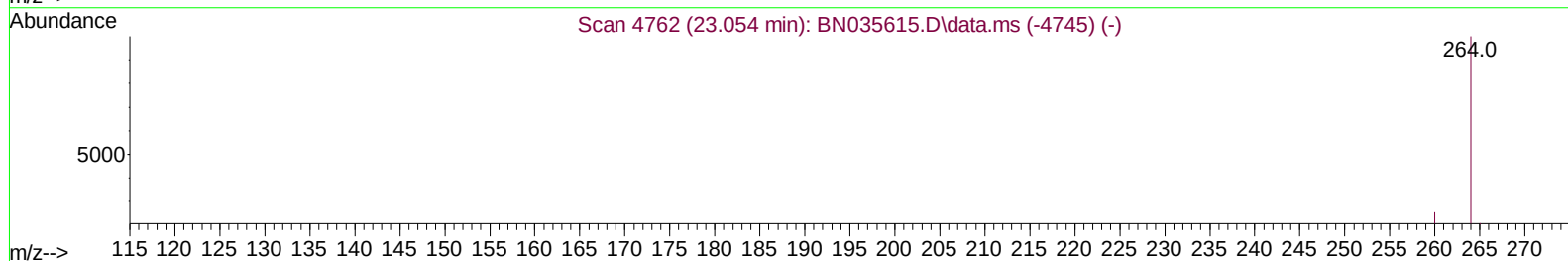
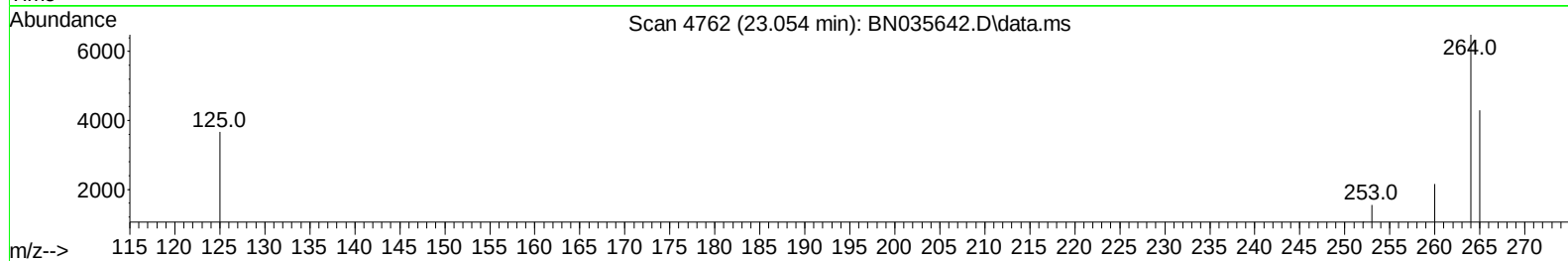
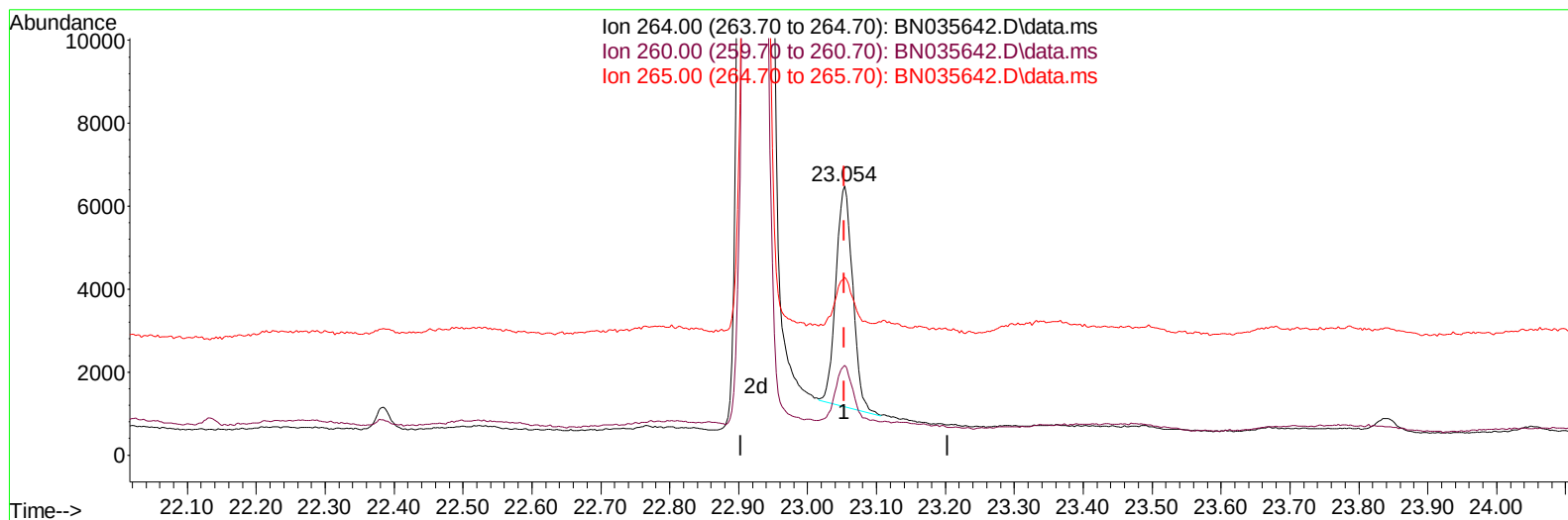
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/18/2024
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Quant Time: Dec 17 07:52:35 2024
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TIC: BN035642.D\data.ms

(23) Perylene-d12 (I)

23.054min (+ 0.000) 0.40 ng/ul m

response 9002

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	33.38#
265.00	62.10	66.17
0.00	0.00	0.00

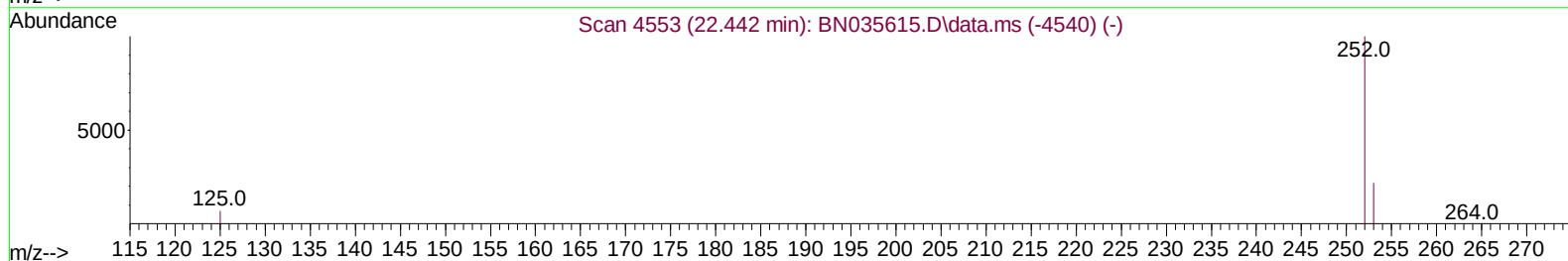
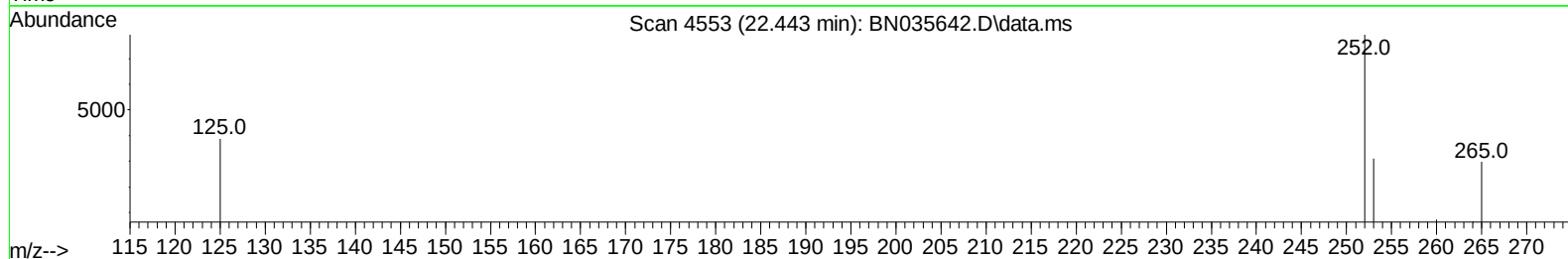
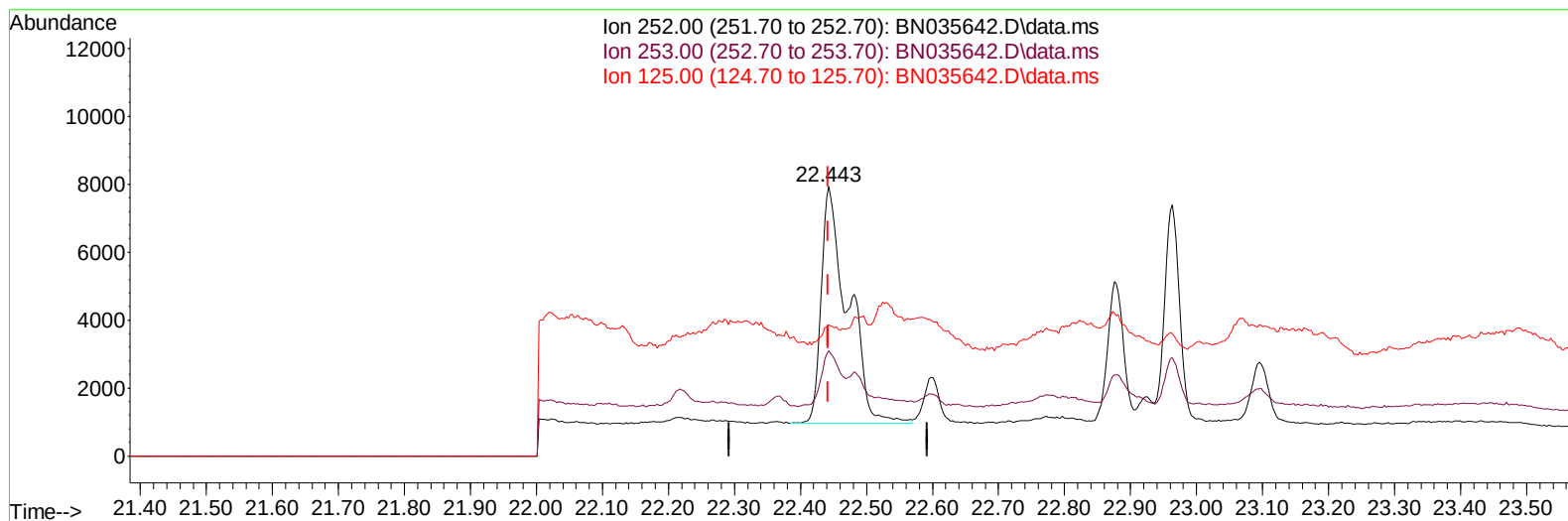
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

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TIC: BN035642.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.000) 0.74 ng/u1

response 19528

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	39.12
125.00	18.80	48.80#
0.00	0.00	0.00

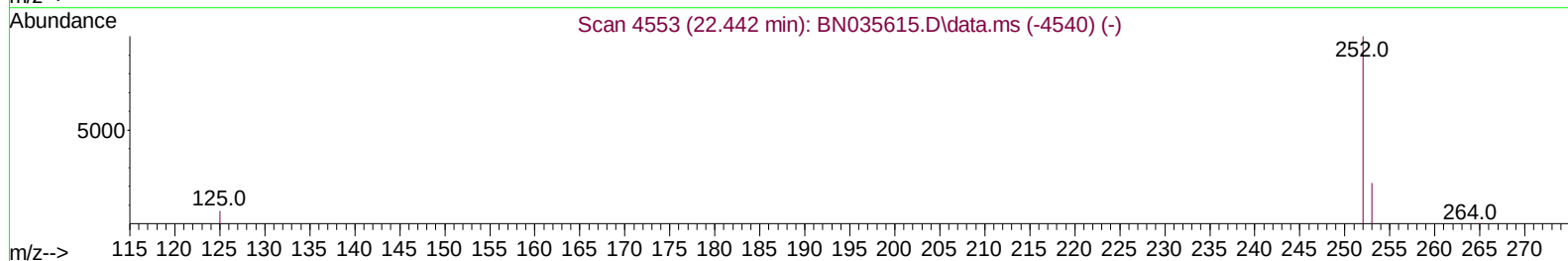
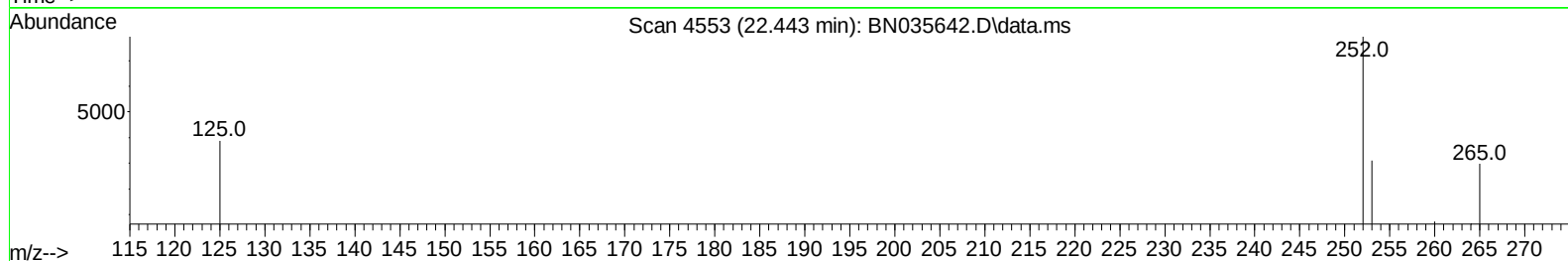
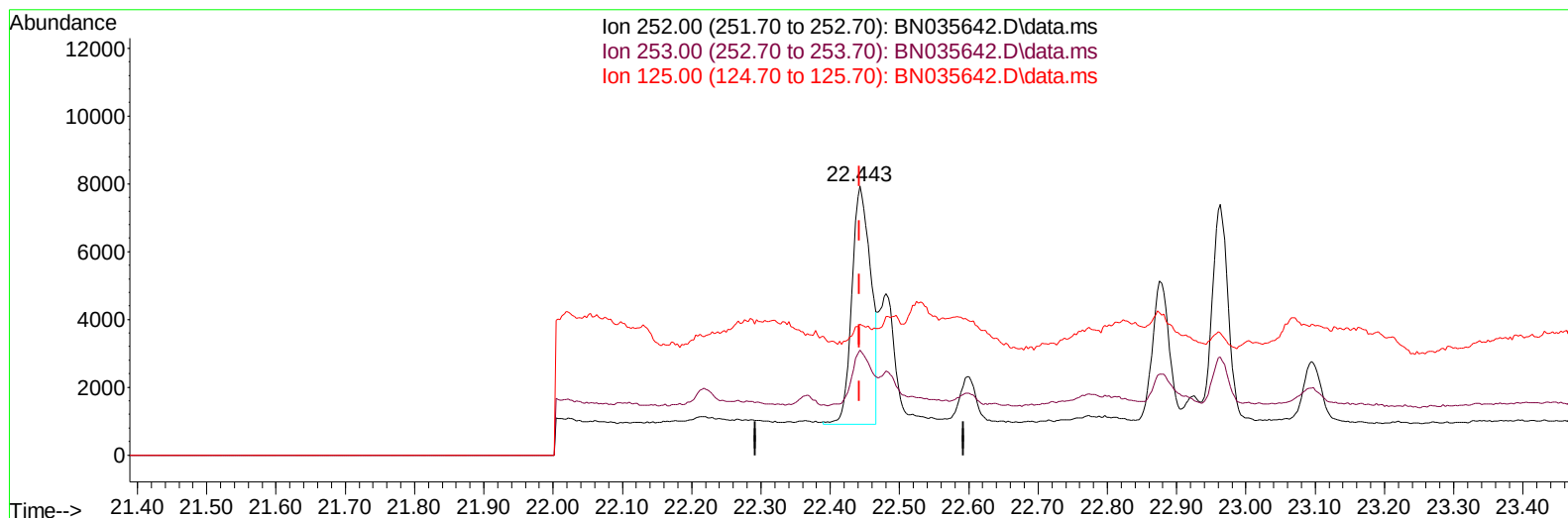
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Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 07:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035642.D\data.ms

(24) Benzo(b)fluoranthene

22.443min (+ 0.000) 0.50 ng/ul m

response 13279

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	39.12
125.00	18.80	48.80#
0.00	0.00	0.00

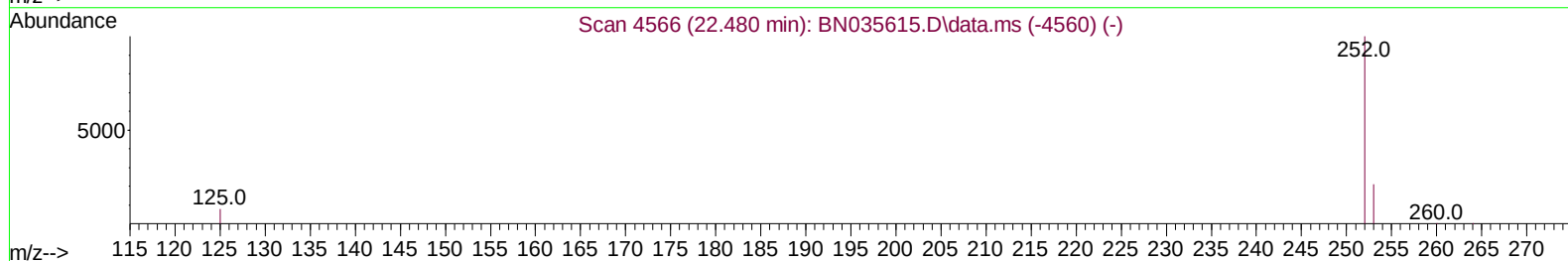
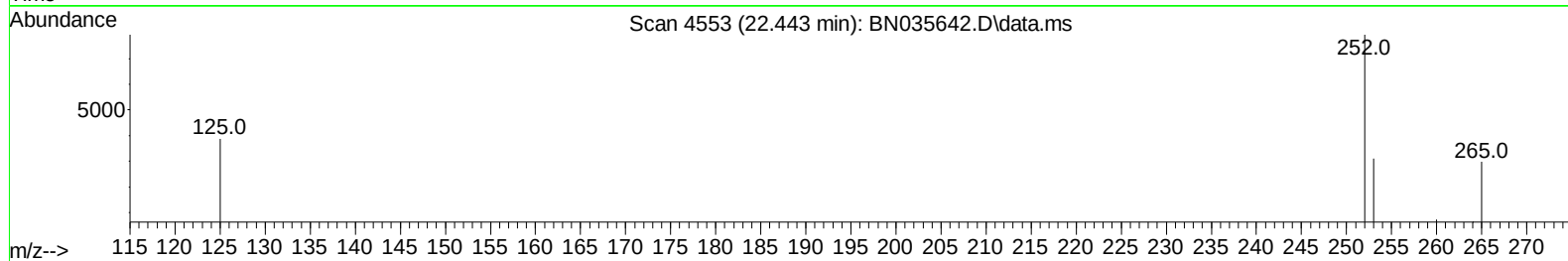
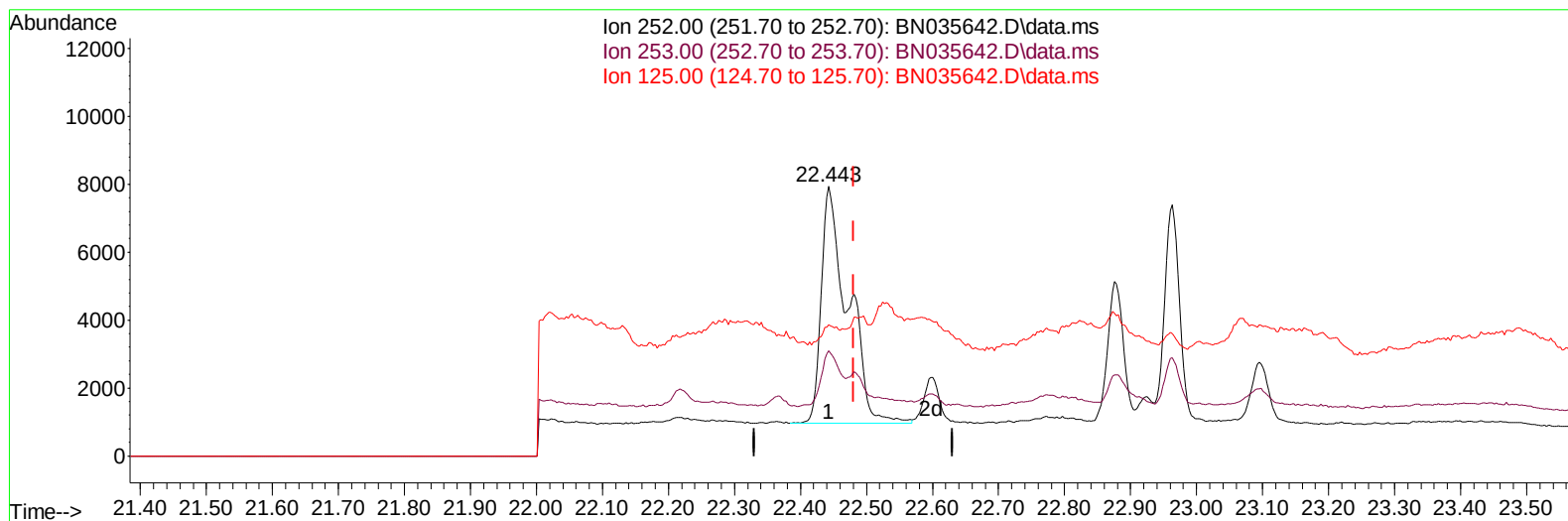
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Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 07:52:35 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
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TIC: BN035642.D\data.ms

(25) Benzo(k)fluoranthene

22.443min (-0.038) 0.67 ng/u1

response 19528

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	39.12#
125.00	19.10	48.80#
0.00	0.00	0.00

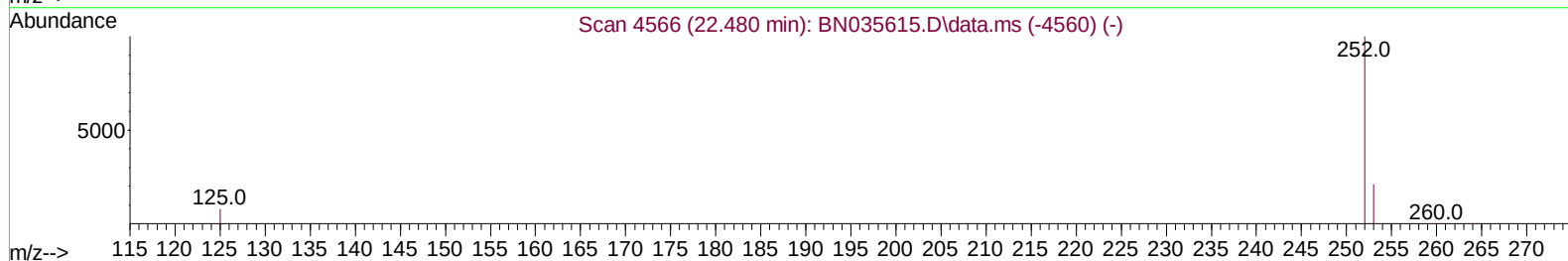
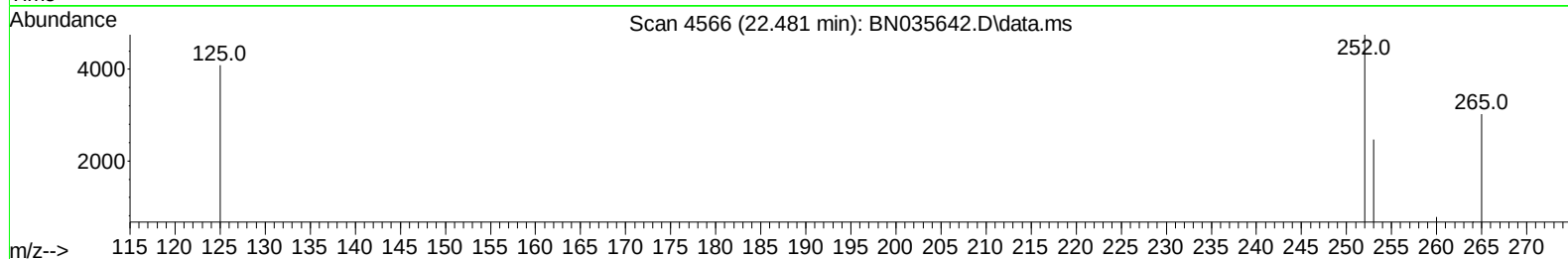
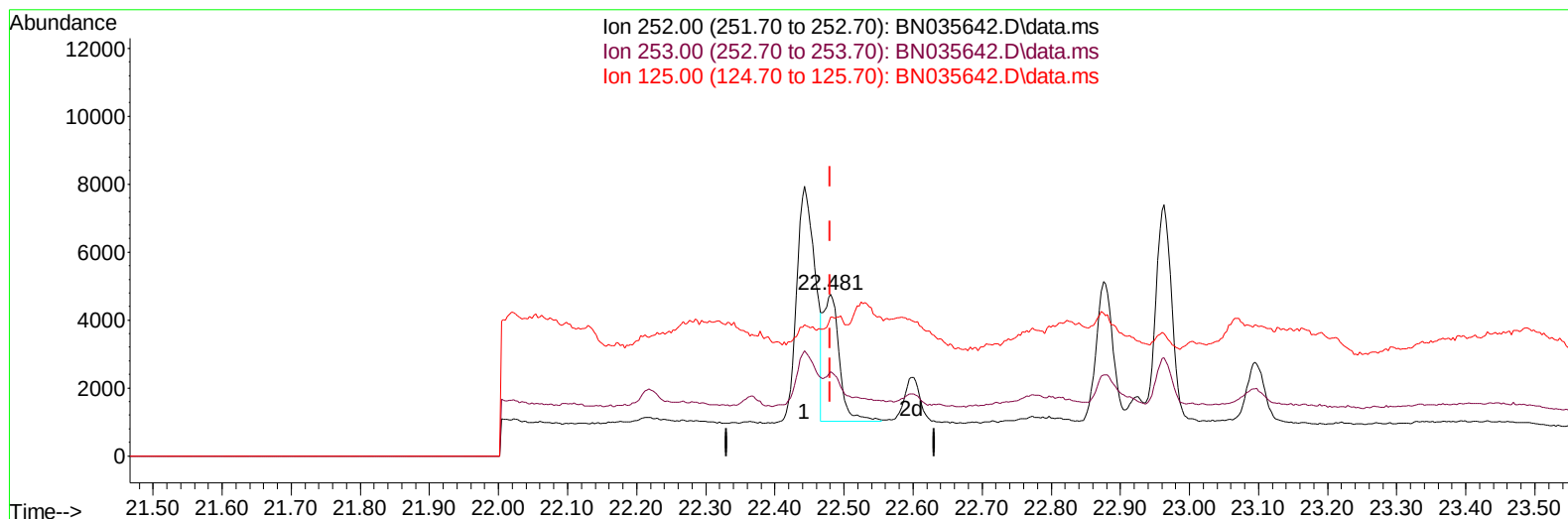
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Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 07:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035642.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (+ 0.000) 0.21 ng/ul m

response 6051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	52.02#
125.00	19.10	86.12#
0.00	0.00	0.00

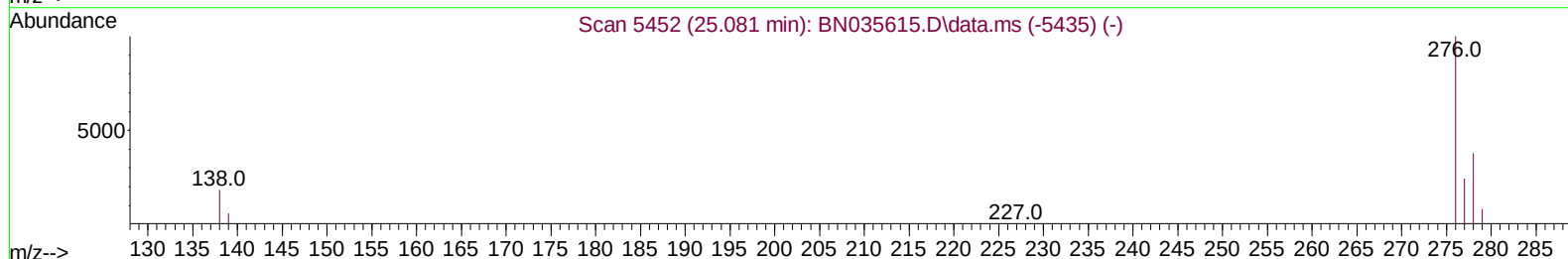
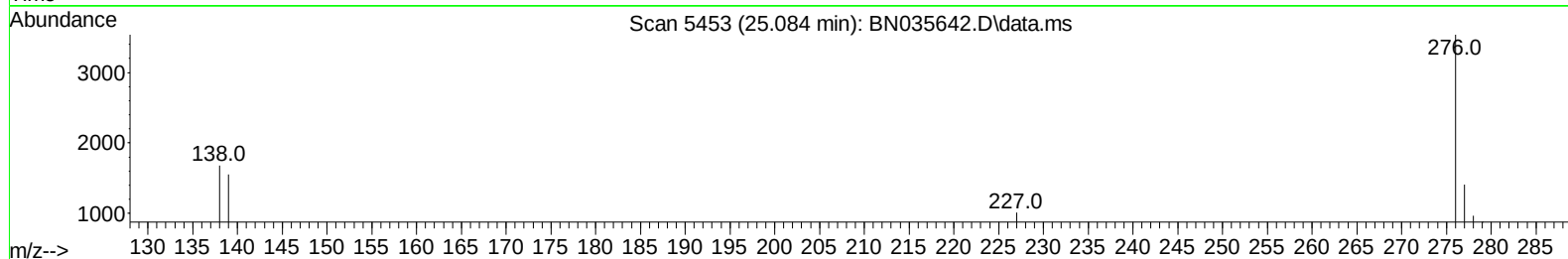
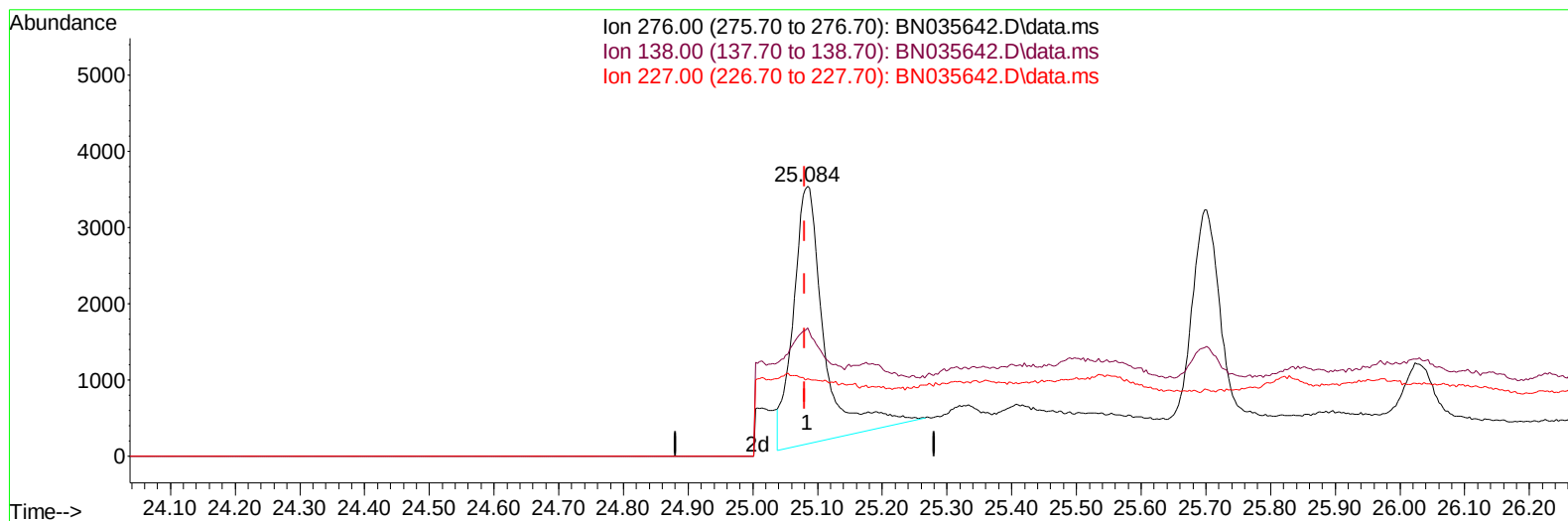
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

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TIC: BN035642.D\data.ms

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

25.084min (+ 0.004) 0.36 ng/u1

response 11186

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	175.47#
227.00	27.00	0.00#
0.00	0.00	0.00

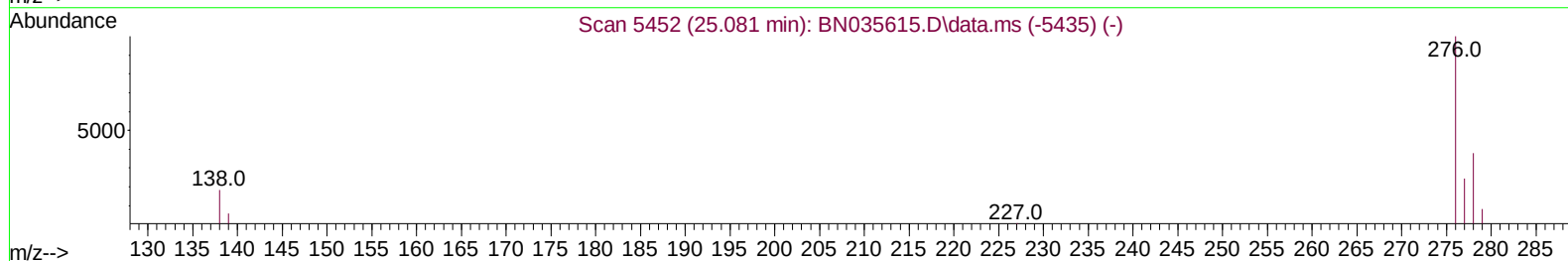
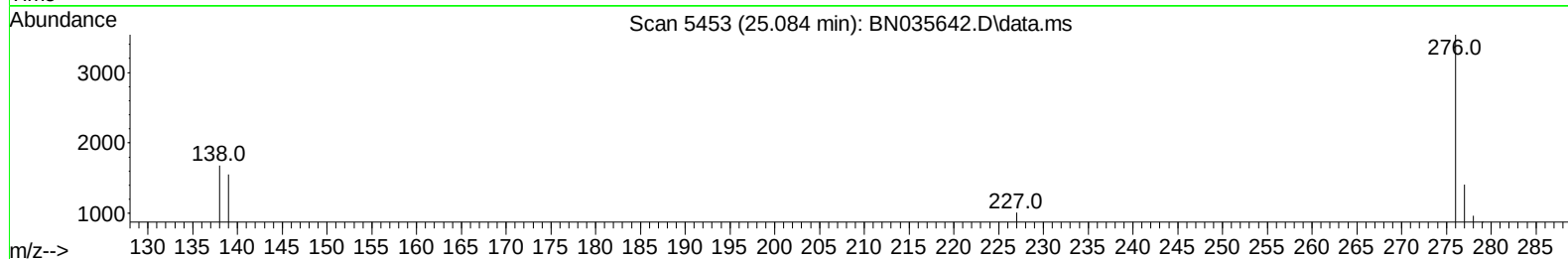
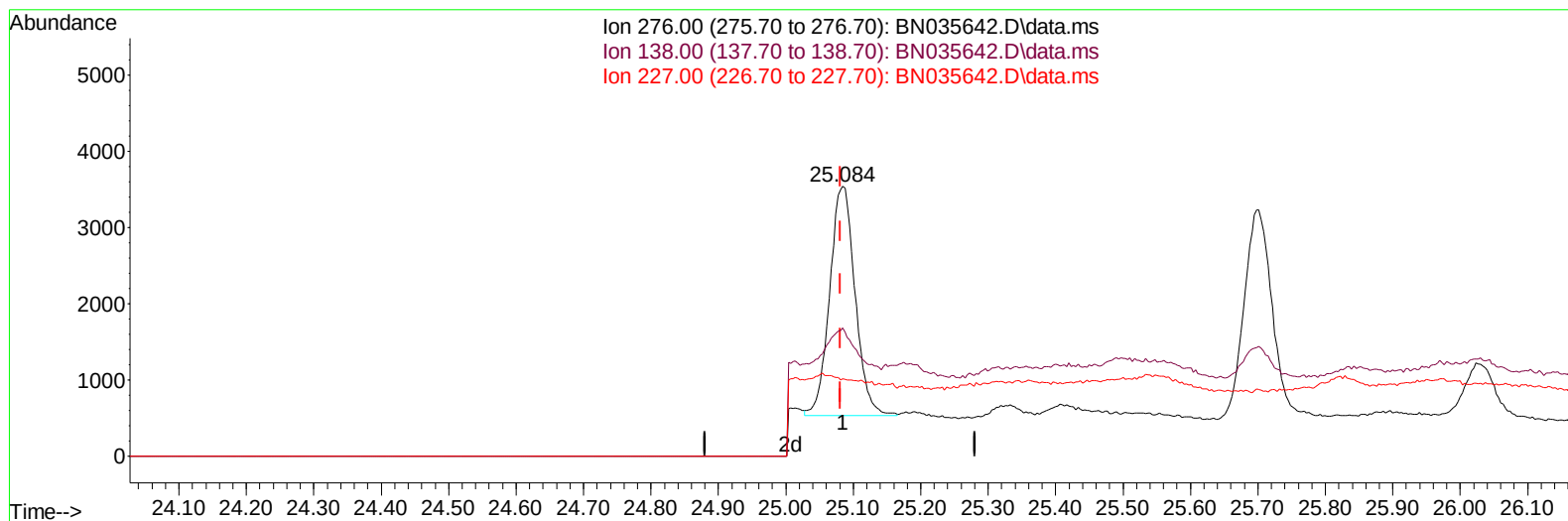
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Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

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TIC: BN035642.D\data.ms

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

25.084min (+ 0.004) 0.25 ng/ul m

response 7901

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	248.42#
227.00	27.00	0.00#
0.00	0.00	0.00

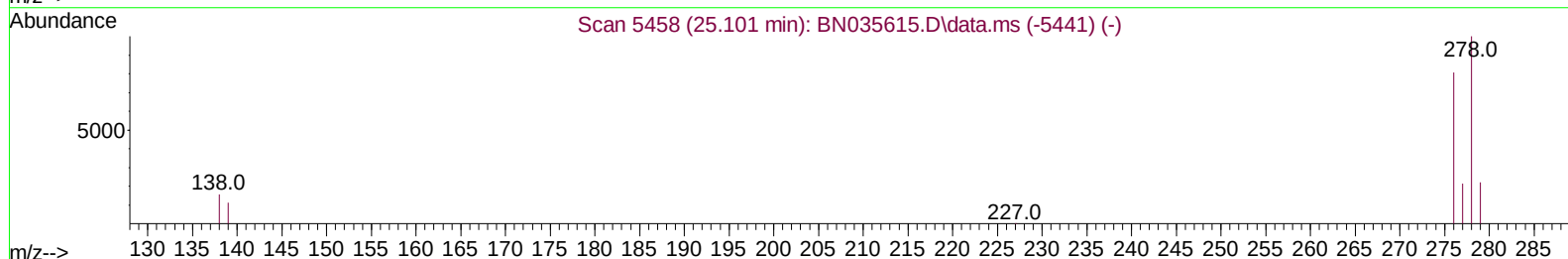
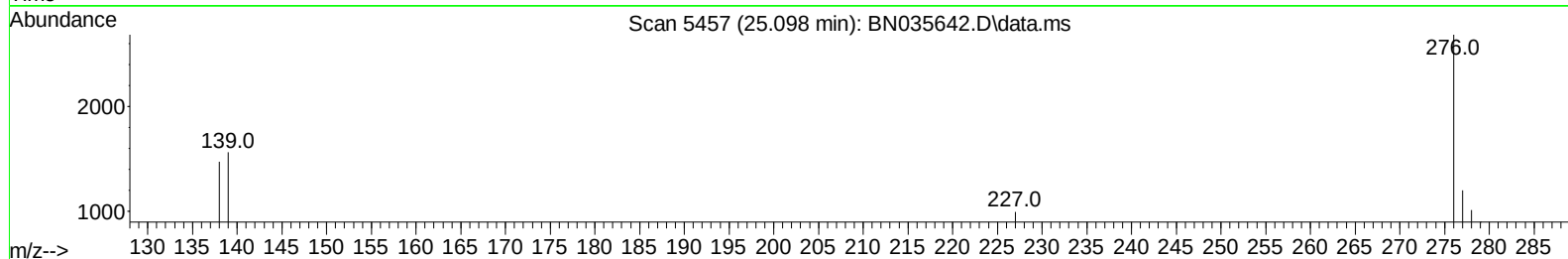
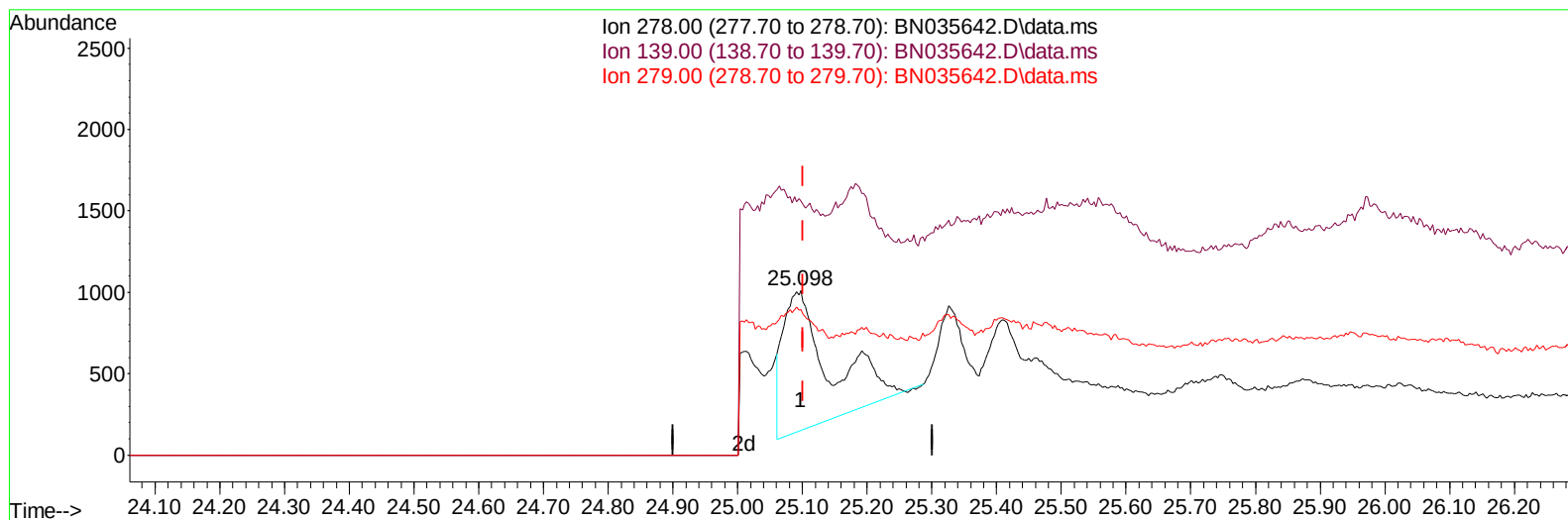
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TIC: BN035642.D\data.ms

(28) Dibenzo(a,h)anthracene

25.098min (-0.003) 0.18 ng/u1

response 4248

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	154.35#
279.00	30.00	88.54#
0.00	0.00	0.00

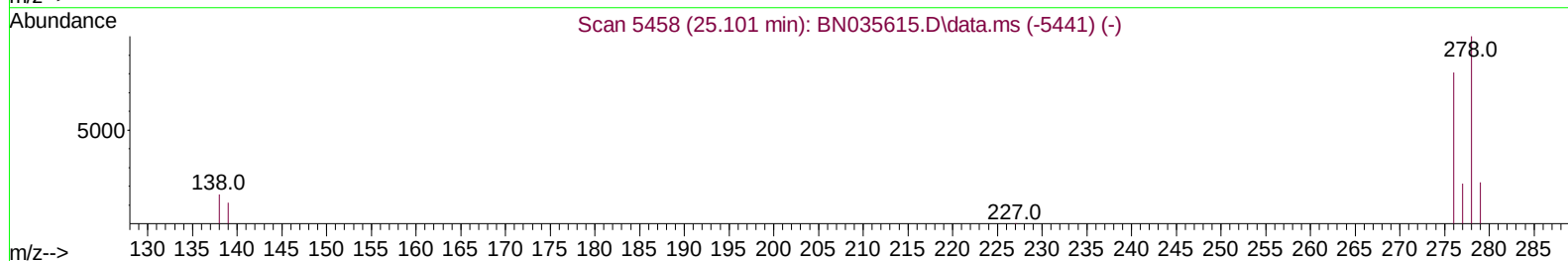
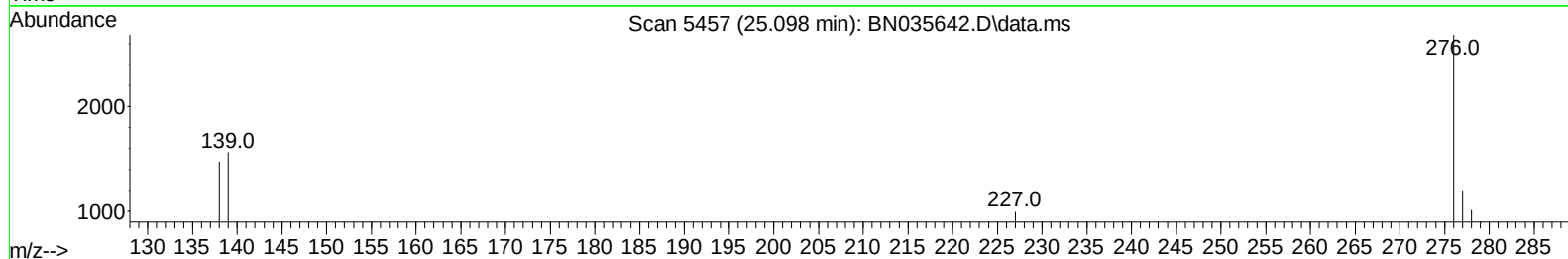
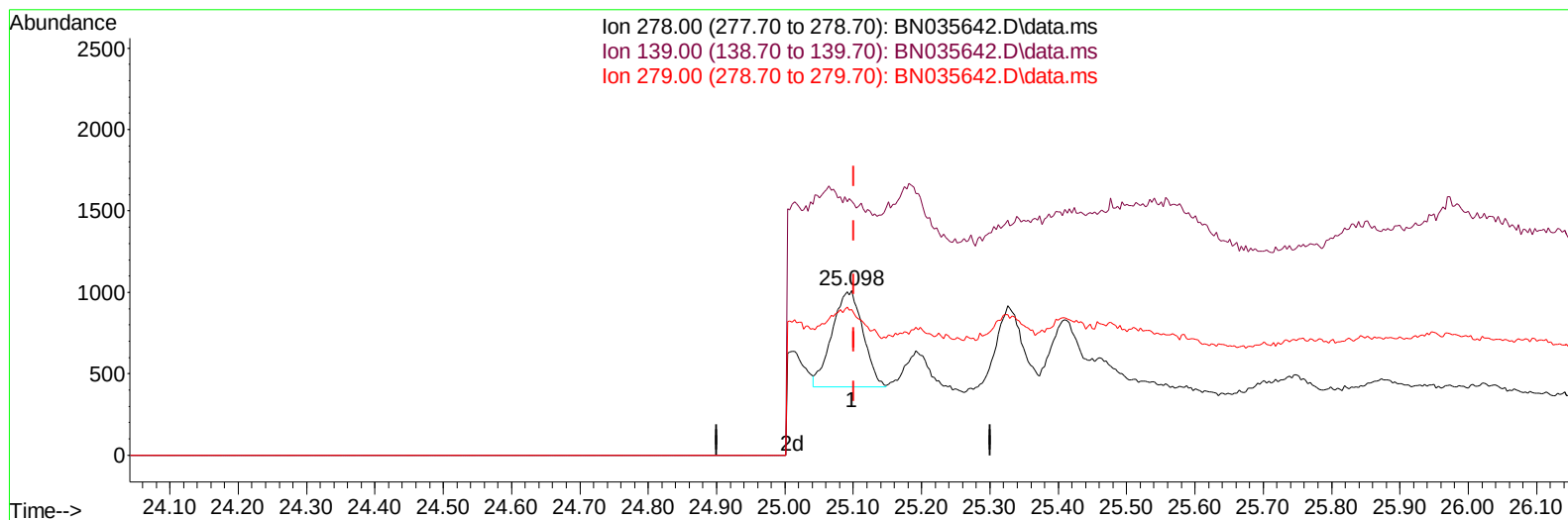
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035642.D\data.ms

(28) Dibenzo(a,h)anthracene

25.098min (-0.003) 0.08 ng/ul m

response 1855

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	154.35#
279.00	30.00	88.54#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2221	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6766	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	4638	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9923	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	7919	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	9002m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	6588	3.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2150	0.223	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	5112	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.662	152	615	0.034	ng/ul#	37
15) Phenanthrene	16.760	178	5497	0.221	ng/ul	95
16) Anthracene	16.848	178	1791m	0.077	ng/ul	
19) Fluoranthene	18.800	202	18148	0.641	ng/ul	100
20) Pyrene	19.167	202	16711	0.536	ng/ul	98
21) Benzo(a)anthracene	20.947	228	9039	0.344	ng/ul#	78
22) Chrysene	20.999	228	8952	0.328	ng/ul#	79
24) Benzo(b)fluoranthene	22.443	252	13279m	0.501	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	6051m	0.206	ng/ul	
26) Benzo(a)pyrene	22.963	252	10205	0.397	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.084	276	7901m	0.253	ng/ul	
28) Dibenzo(a,h)anthracene	25.098	278	1855m	0.078	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	8118	0.323	ng/ul#	70

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035642.D
Acq On : 17 Dec 2024 06:48
Operator : RC/JU
Sample : P5232-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R7

Manual IntegrationsAPPROVED

Quant Time: Dec 17 07:52:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

