

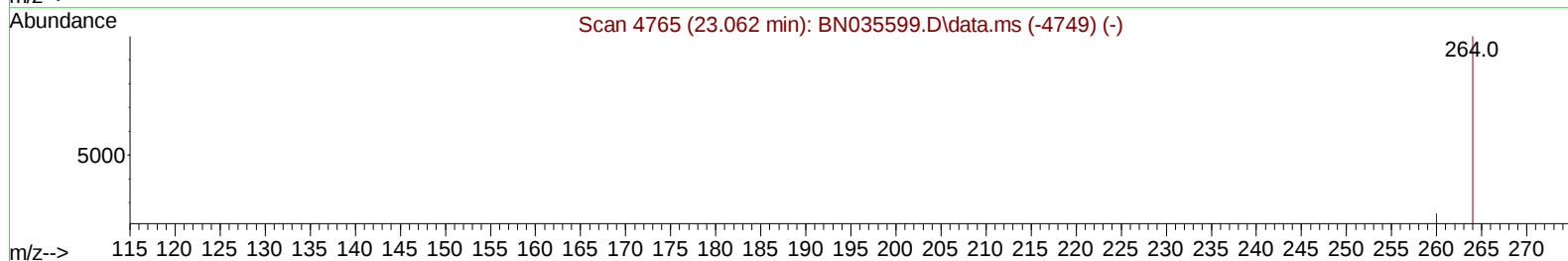
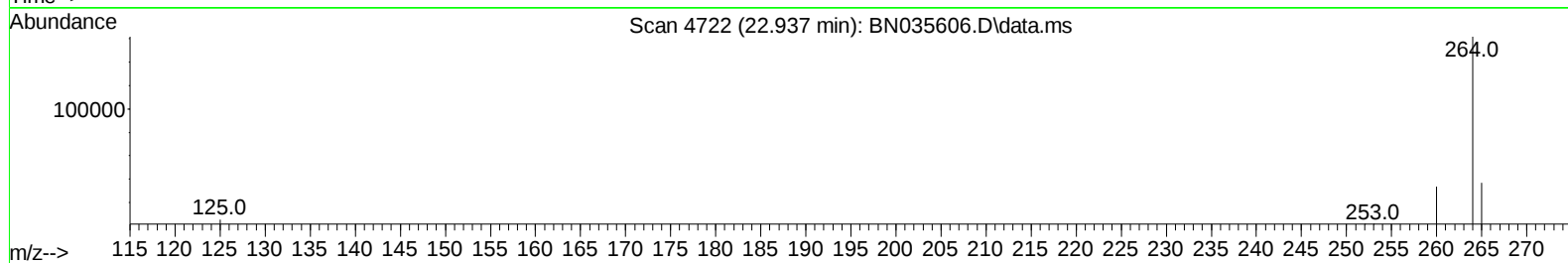
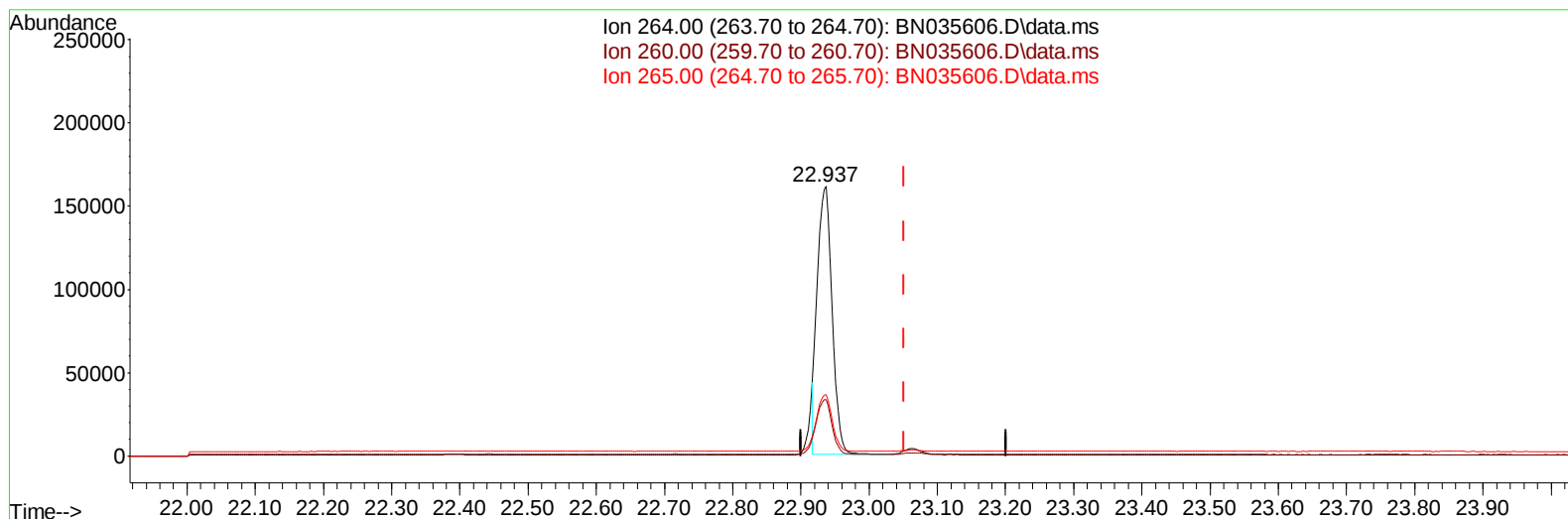
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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



TIC: BN035606.D\data.ms

(23) Perylene-d12 (I)

22.937min (-0.114) 0.40 ng/u1

response 244741

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	20.90#
265.00	75.50	22.67#
0.00	0.00	0.00

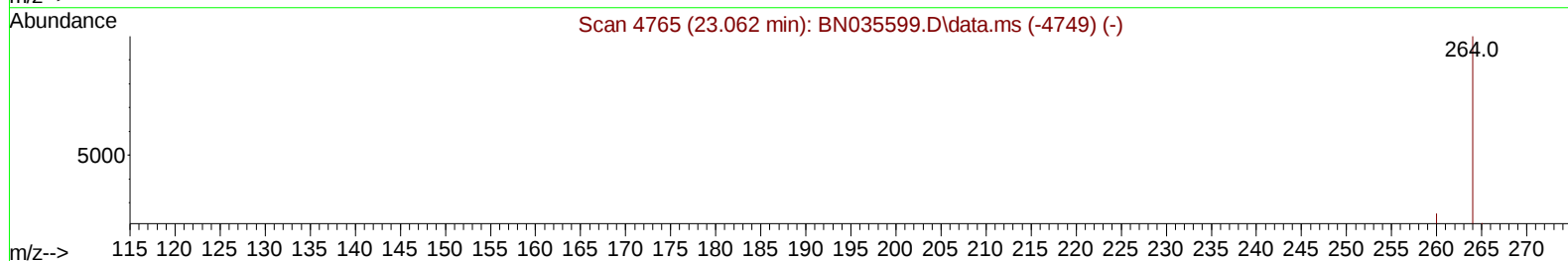
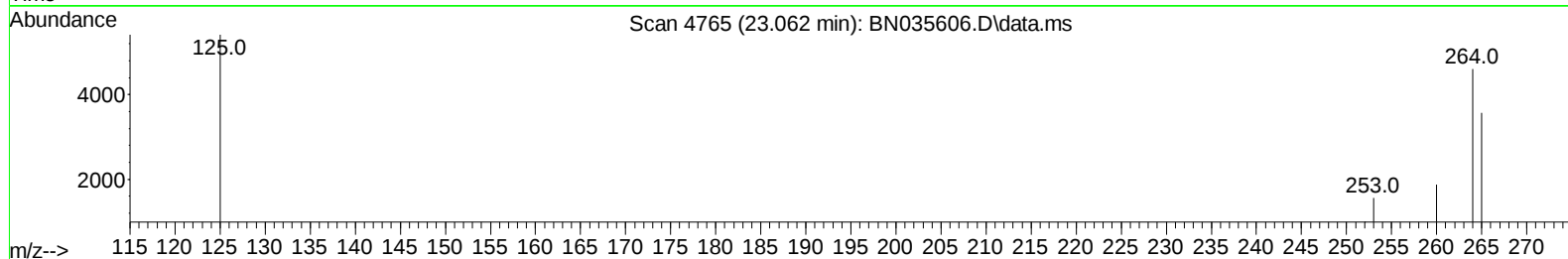
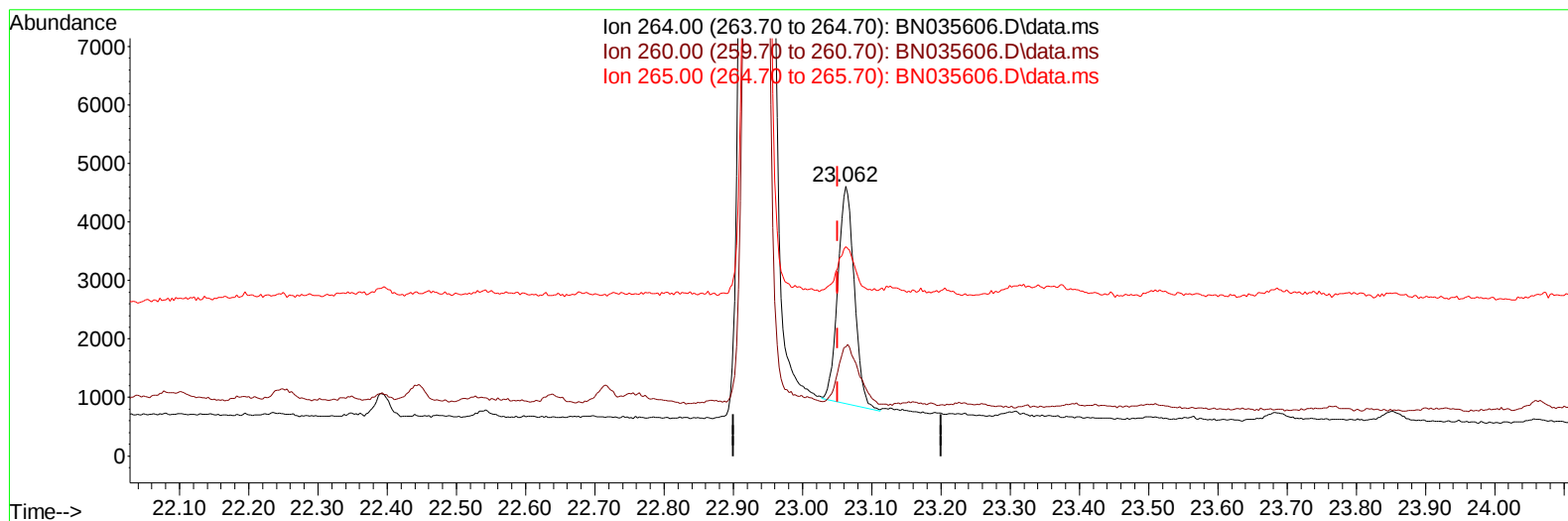
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
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QLast Update : Tue Dec 10 16:10:57 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035606.D\data.ms

(23) Perylene-d12 (I)

23.062min (+ 0.012) 0.40 ng/ul m

response 6134

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	40.53#
265.00	75.50	77.62
0.00	0.00	0.00

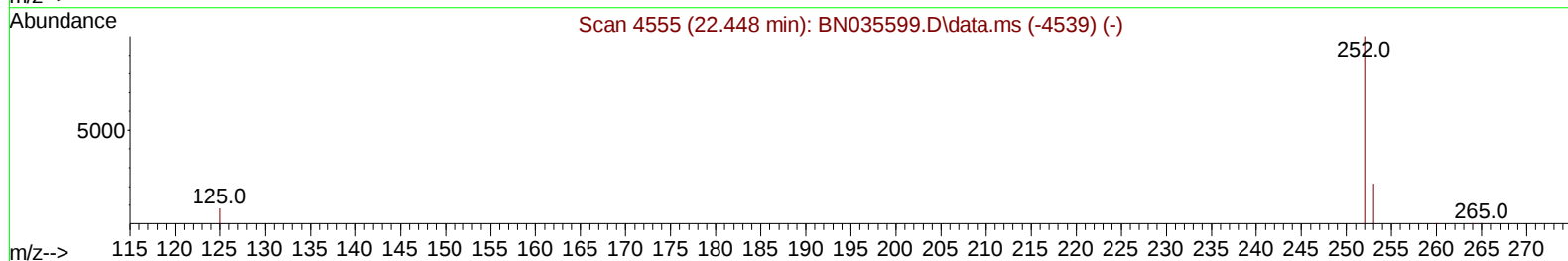
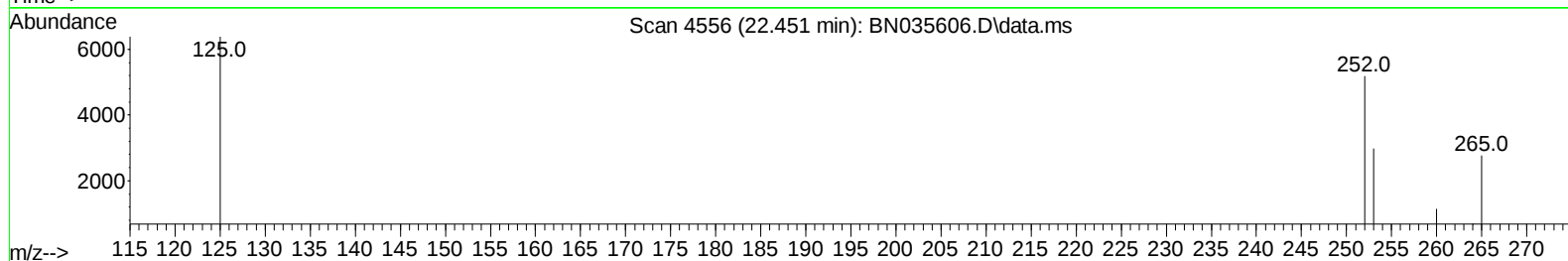
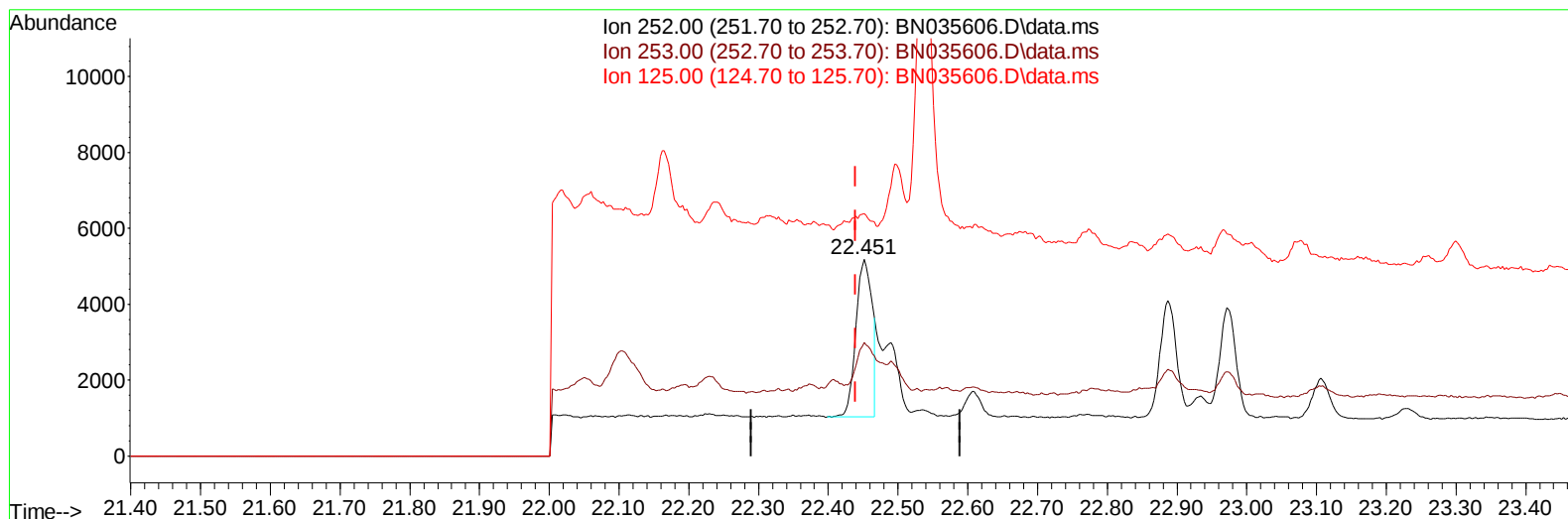
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



TIC: BN035606.D\data.ms

(24) Benzo(b)fluoranthene

22.451min (+ 0.012) 0.33 ng/u1

response 6655

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	57.52#
125.00	9.70	122.94#
0.00	0.00	0.00

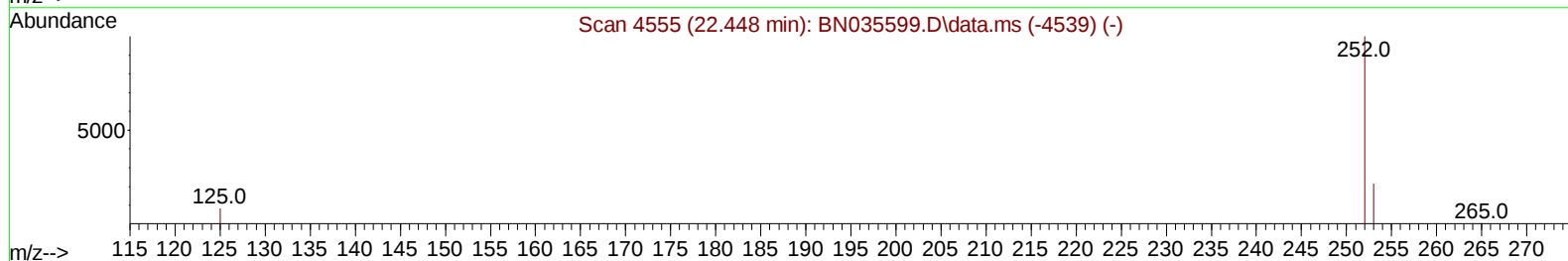
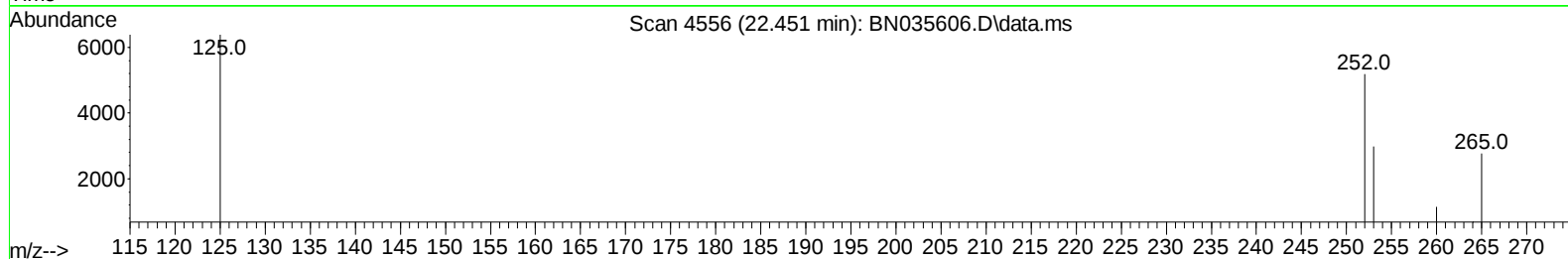
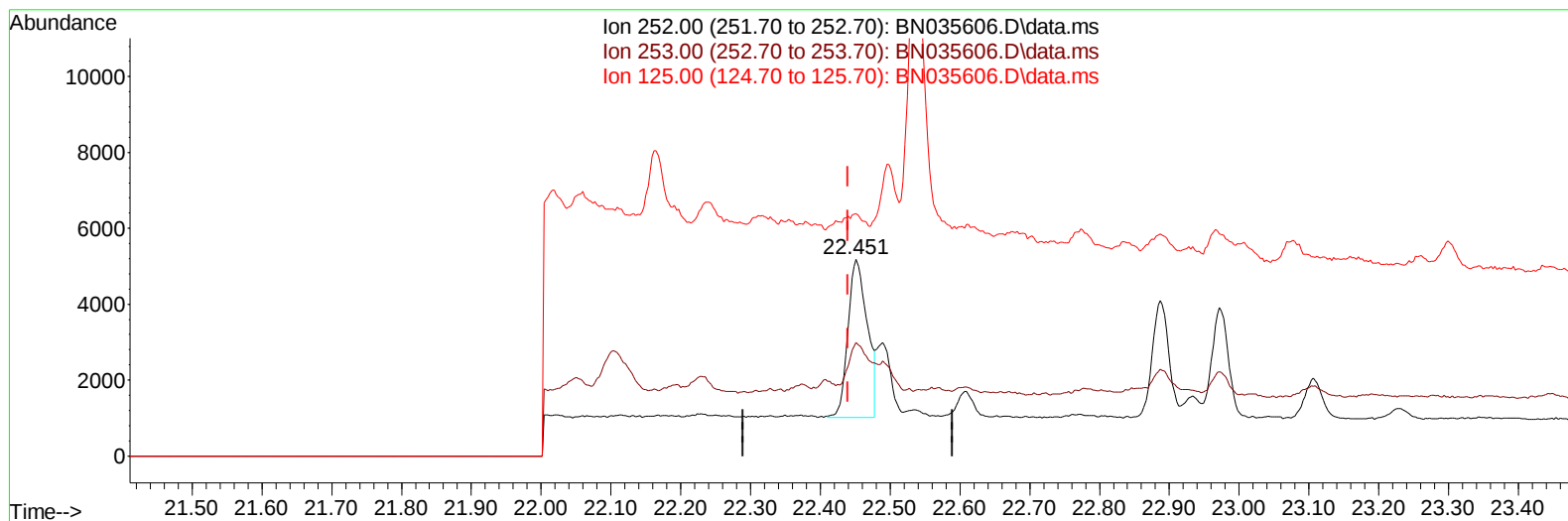
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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



TIC: BN035606.D\data.ms

(24) Benzo(b)fluoranthene

22.451min (+ 0.012) 0.40 ng/u1 m

response 8067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	57.52#
125.00	9.70	122.94#
0.00	0.00	0.00

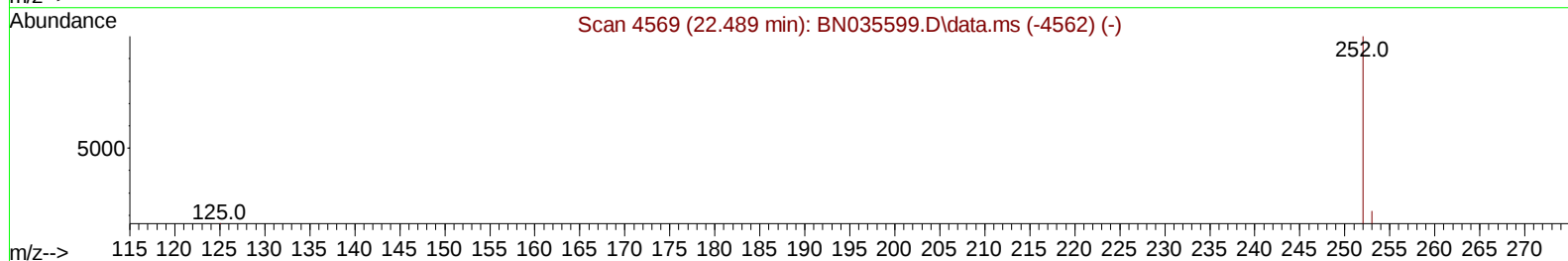
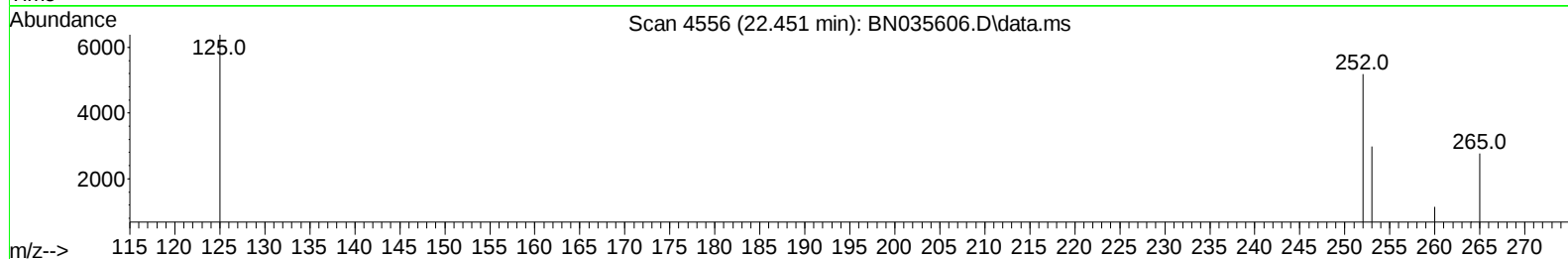
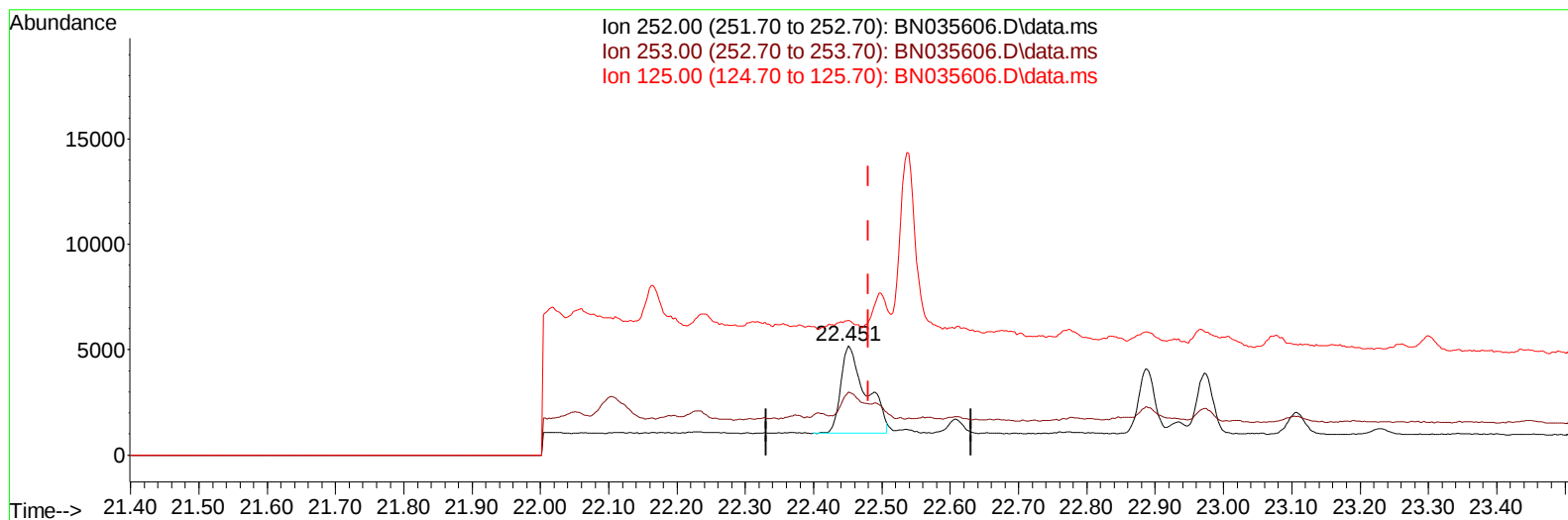
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

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

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration



TIC: BN035606.D\data.ms

(25) Benzo(k)fluoranthene

22.451min (-0.029) 0.51 ng/u1

response 10633

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	57.52#
125.00	10.70	122.94#
0.00	0.00	0.00

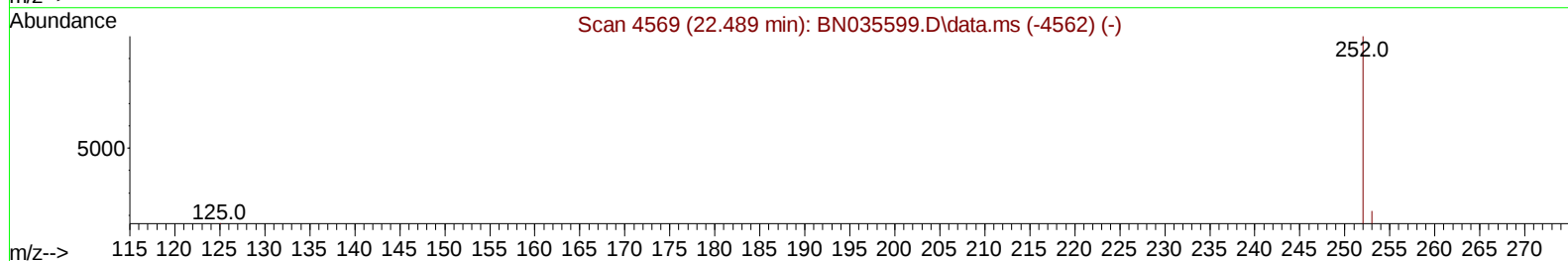
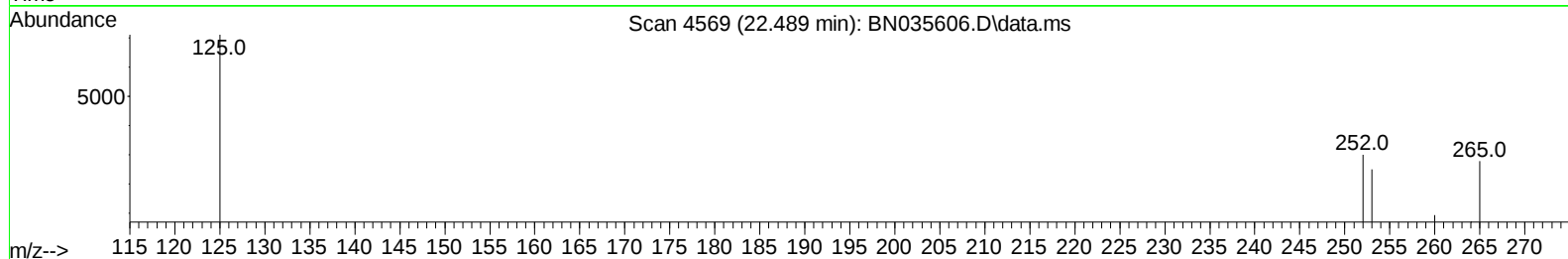
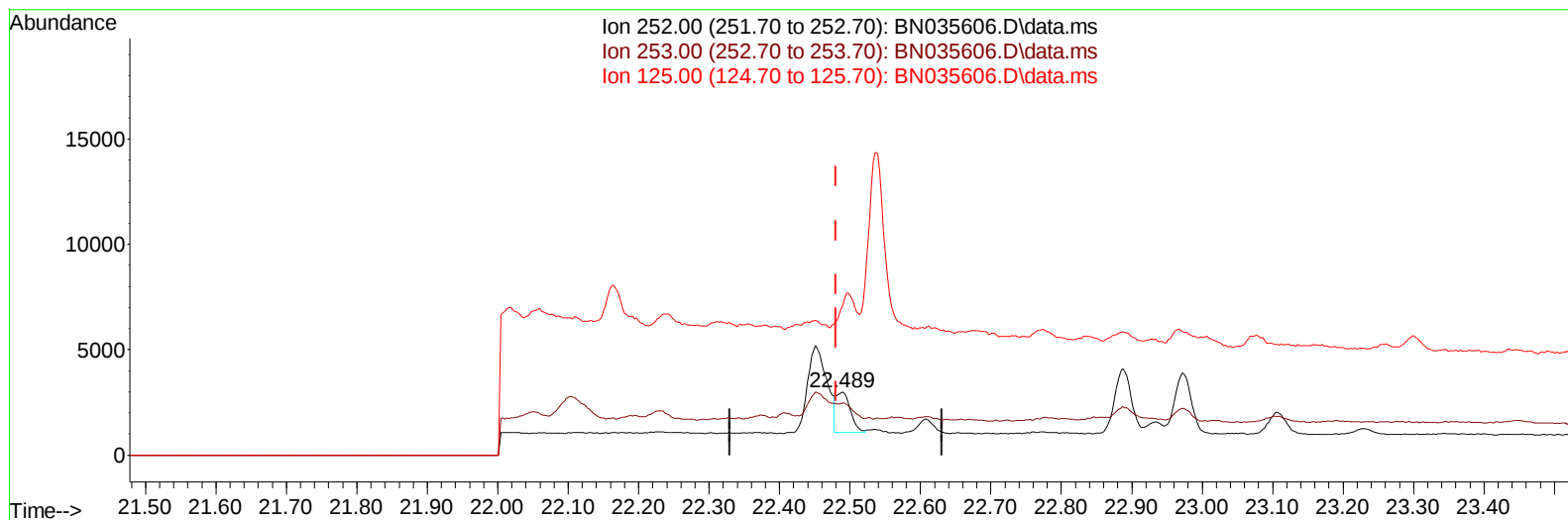
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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



TIC: BN035606.D\data.ms

(25) Benzo(k)fluoranthene

22.489min (+ 0.009) 0.13 ng/u1 m

response 2636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	83.32#
125.00	10.70	236.92#
0.00	0.00	0.00

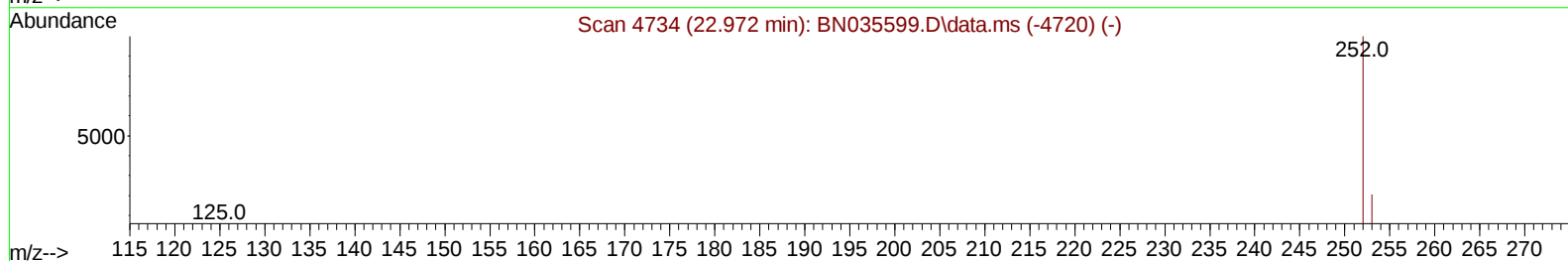
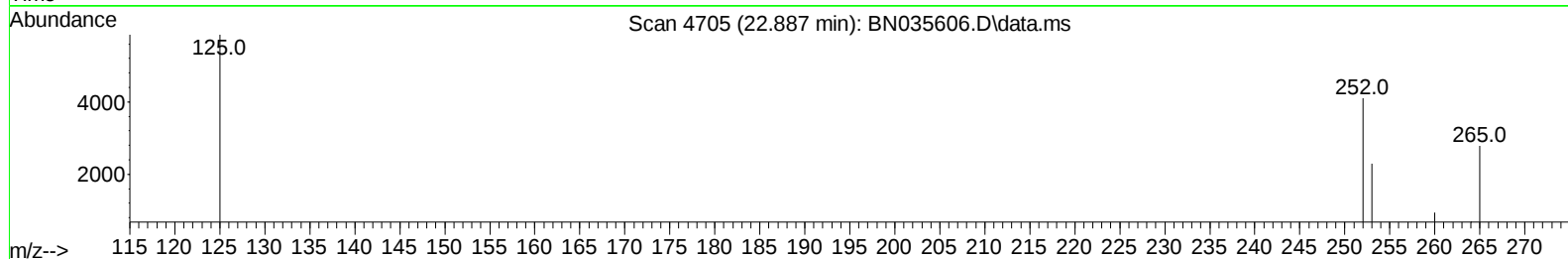
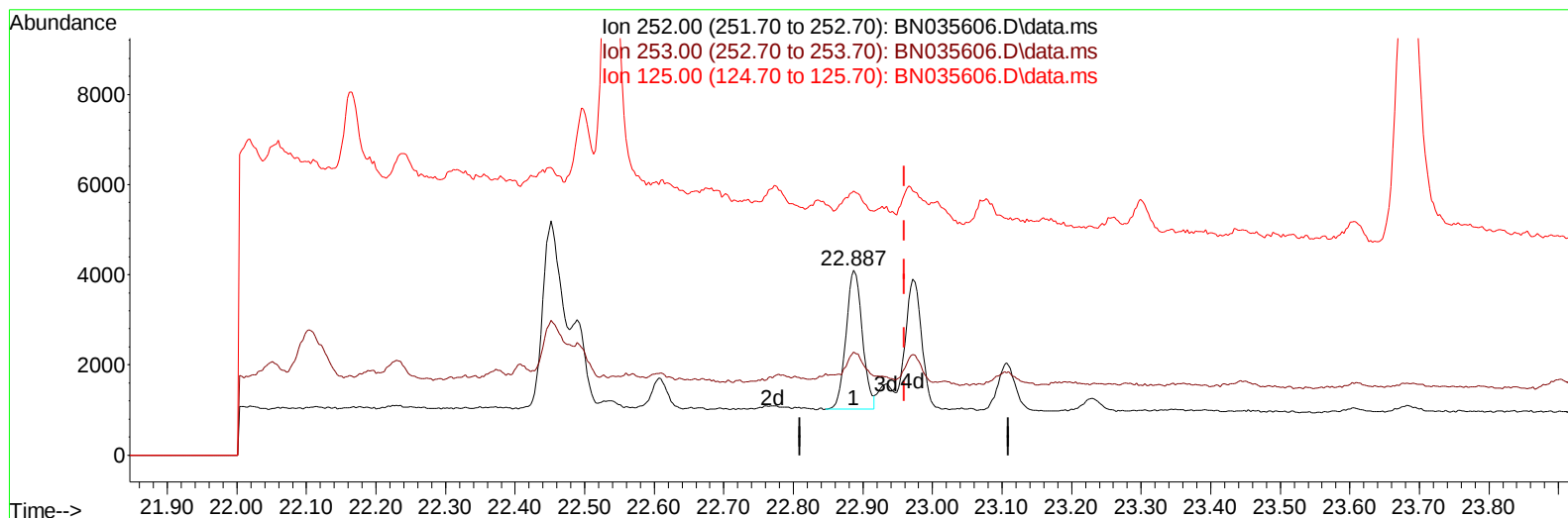
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
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Reviewed By :Yogesh Patel 12/14/2024
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TIC: BN035606.D\data.ms

(26) Benzo(a)pyrene (C)

22.887min (-0.073) 0.27 ng/u1

response 5059

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	55.84#
125.00	11.80	142.77#
0.00	0.00	0.00

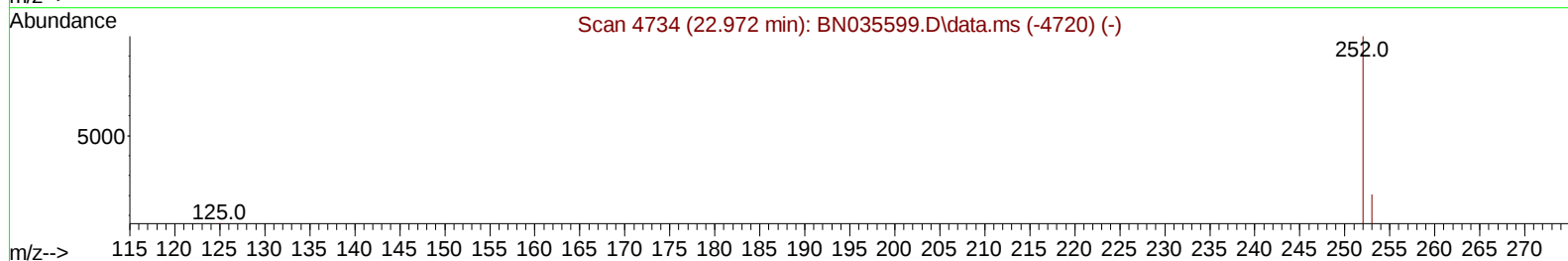
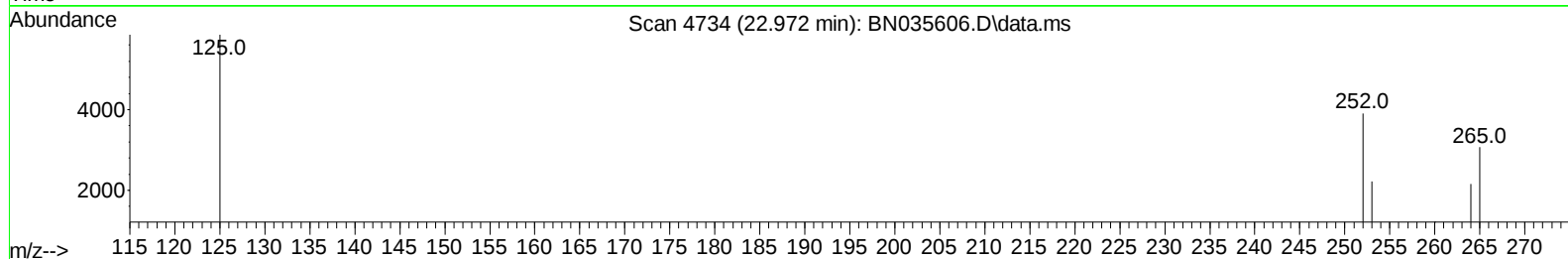
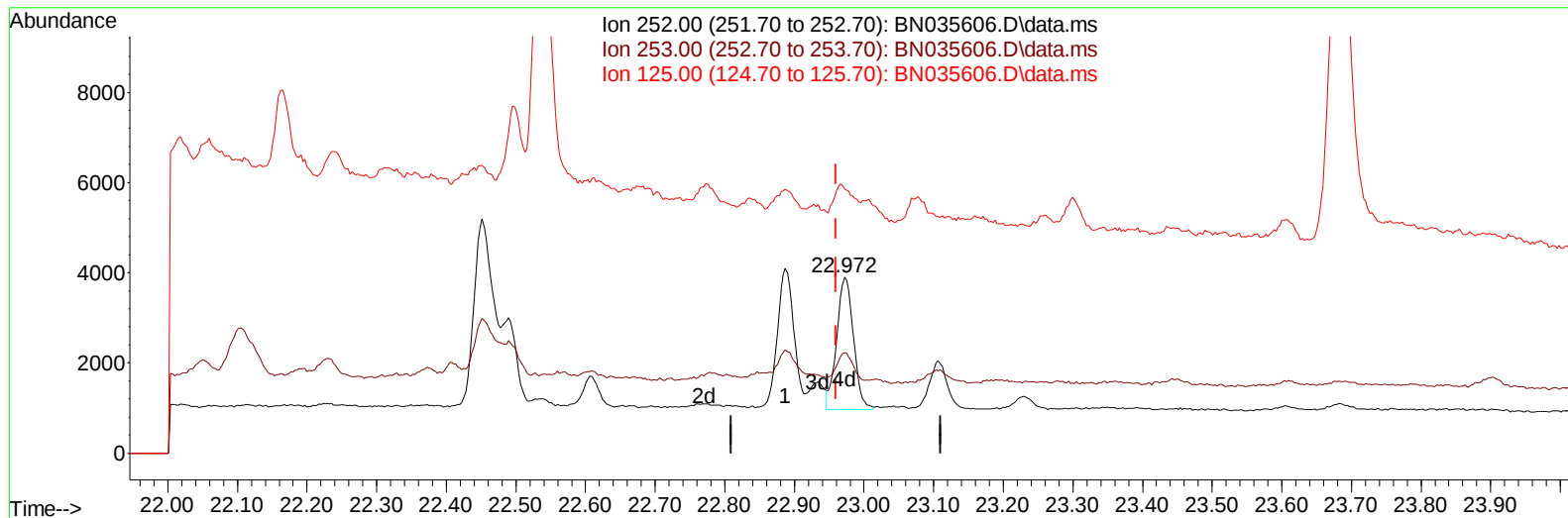
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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



TIC: BN035606.D\data.ms

(26) Benzo(a)pyrene (C)

22.972min (+ 0.012) 0.27 ng/ul m

response 4928

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	56.89#
125.00	11.80	149.81#
0.00	0.00	0.00

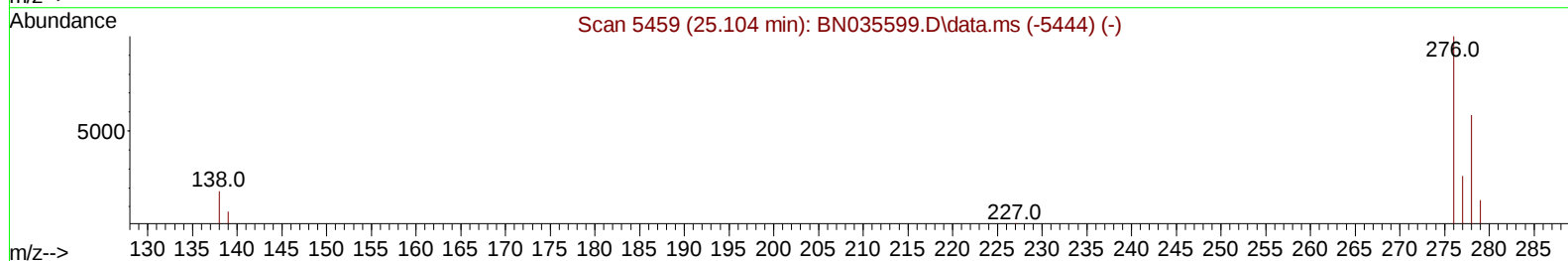
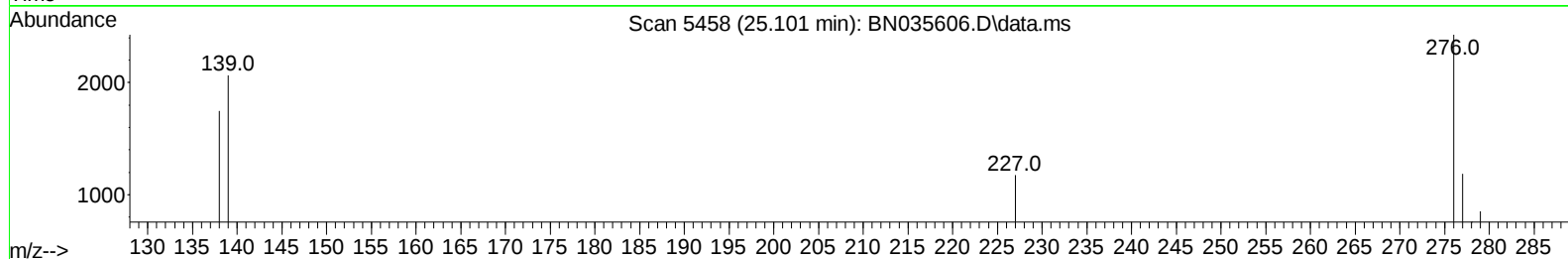
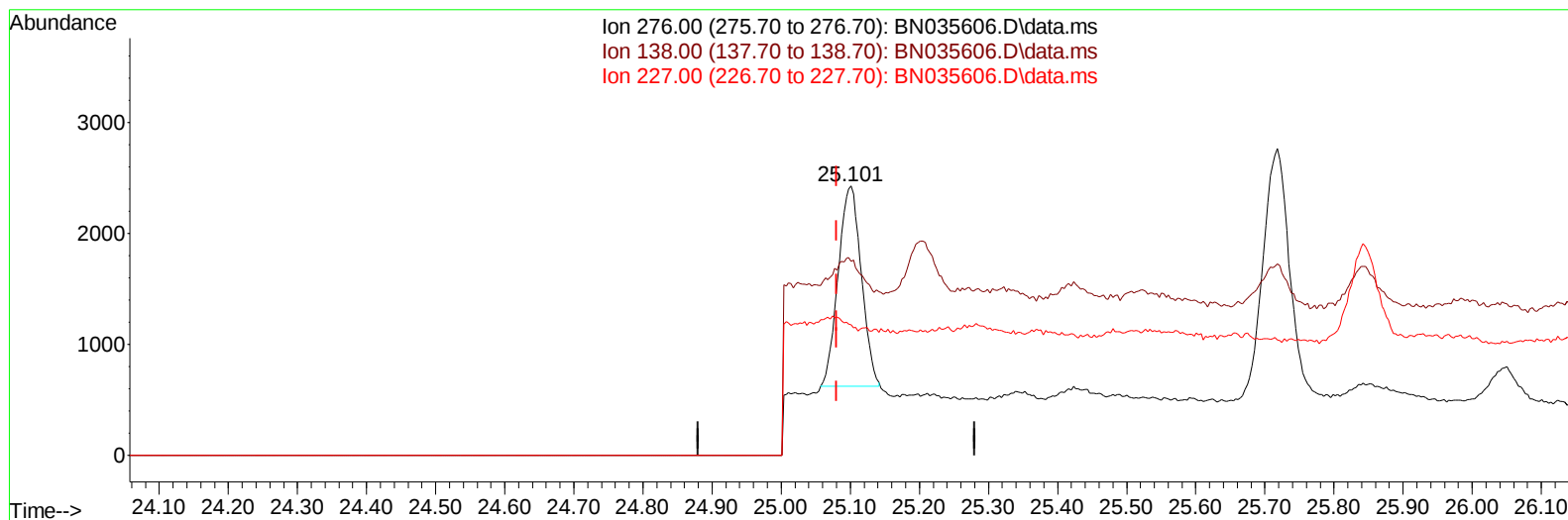
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
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TIC: BN035606.D\data.ms

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

25.101min (+ 0.020) 0.17 ng/u1

response 4202

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	318.71#
227.00	0.30	0.00#
0.00	0.00	0.00

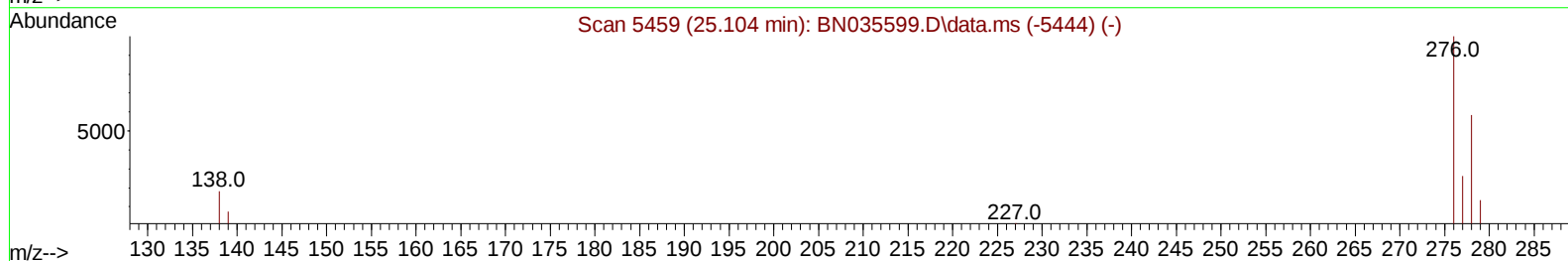
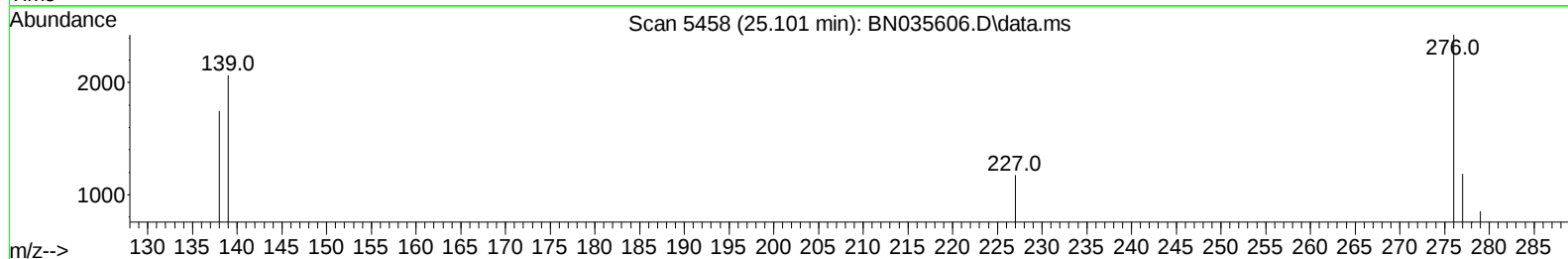
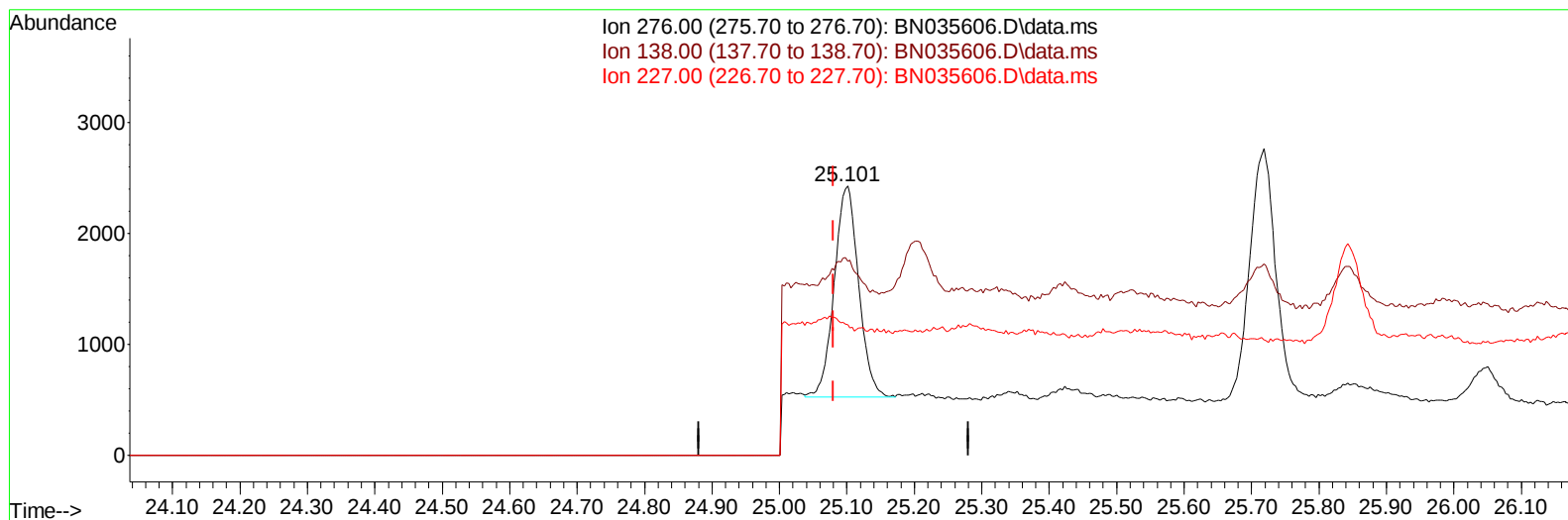
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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Supervised By :mohammad ahmed 12/14/2024



TIC: BN035606.D\data.ms

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

25.101min (+ 0.020) 0.19 ng/u1 m

response 4798

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	279.12#
227.00	0.30	0.00#
0.00	0.00	0.00

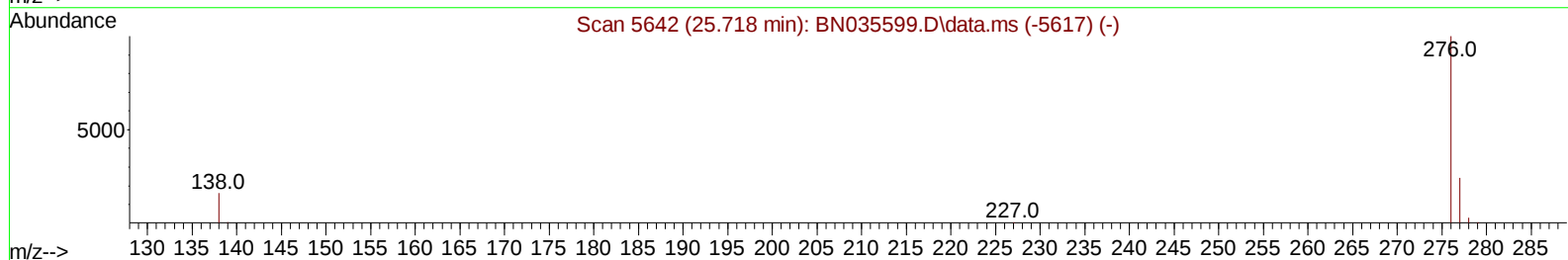
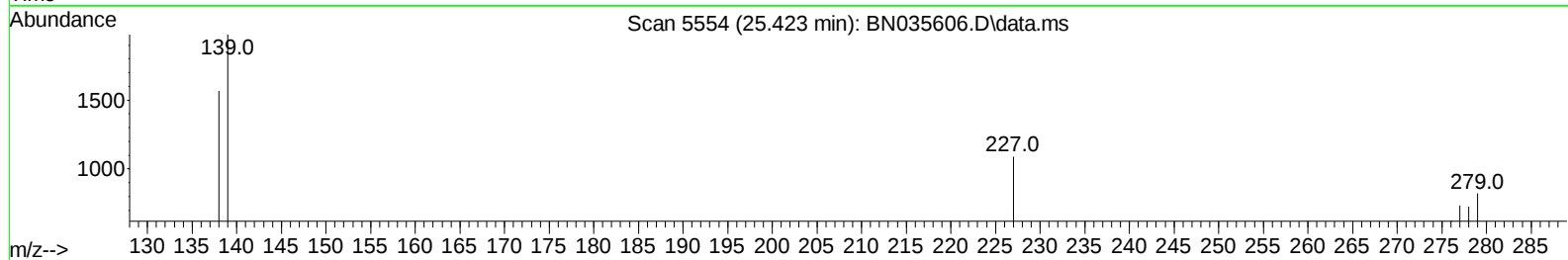
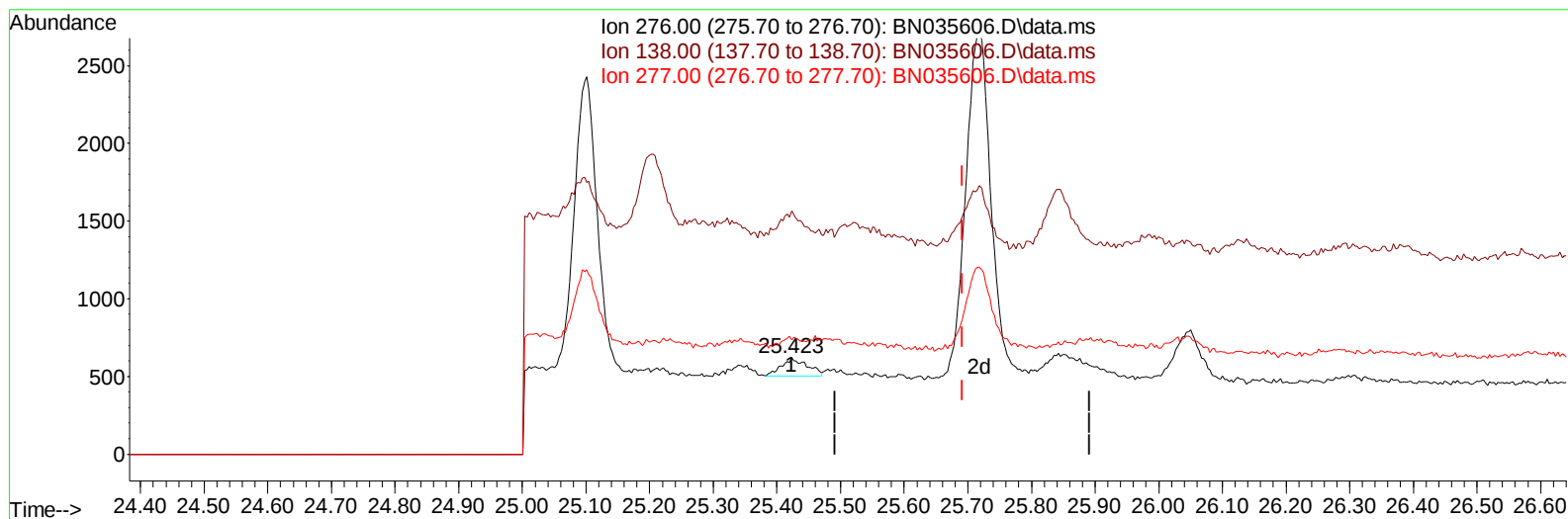
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
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TIC: BN035606.D\data.ms

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

25.423min (-0.268) 0.02 ng/u1

response 334

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	252.42#
277.00	25.60	118.71#
0.00	0.00	0.00

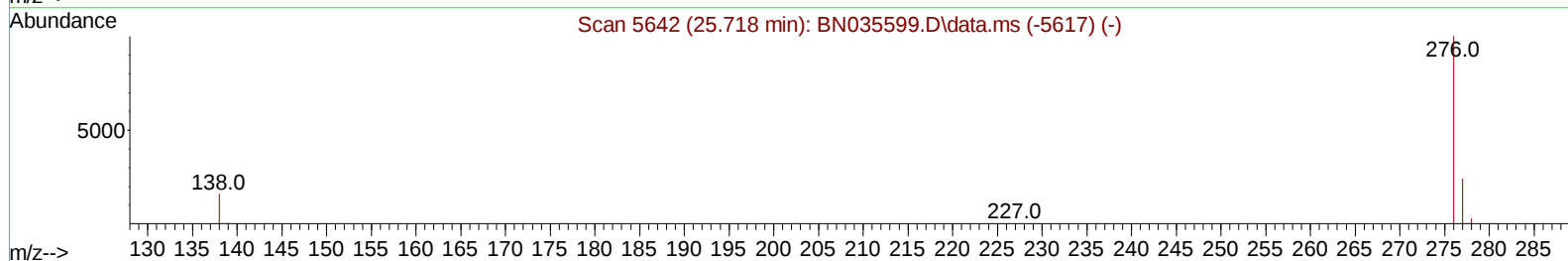
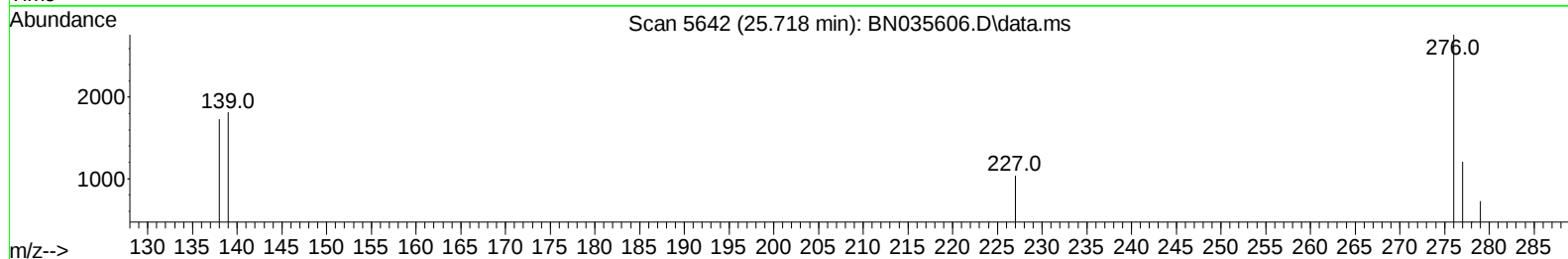
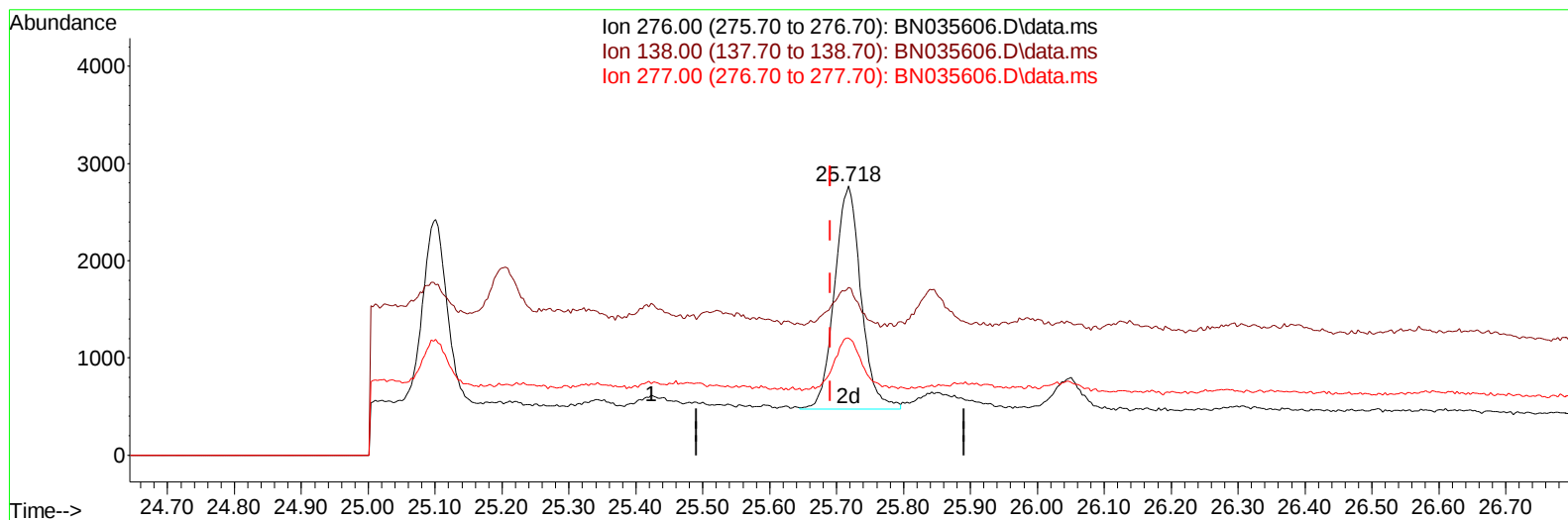
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035606.D
 Acq On : 13 Dec 2024 20:42
 Operator : RC/JU
 Sample : P5153-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q5

Manual IntegrationsAPPROVED

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 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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



TIC: BN035606.D\data.ms

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

25.718min (+ 0.027) 0.32 ng/ul m

response 6336

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	62.39#
277.00	25.60	43.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035606.D
 Acq On : 13 Dec 2024 20:42
 Operator : RC/JU
 Sample : P5153-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q5

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7008	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	4729	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.722	188	9089	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	5625	0.400	ng/ul	# 0.00
23) Perylene-d12	23.062	264	6134m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	6426	3.158	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2435	0.237	ng/ul	0.00
18) Fluoranthene-d10	18.777	212	4333	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	3211	0.182	ng/ul#	94
7) 2-Methylnaphthalene	11.719	142	2513	0.205	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	1775	0.144	ng/ul	97
10) Acenaphthylene	13.667	152	1812	0.097	ng/ul#	77
12) Fluorene	15.018	166	500	0.030	ng/ul#	69
15) Phenanthrene	16.764	178	8149	0.339	ng/ul#	85
16) Anthracene	16.857	178	4107	0.184	ng/ul#	75
19) Fluoranthene	18.809	202	11012	0.562	ng/ul#	93
20) Pyrene	19.177	202	10748	0.527	ng/ul#	89
21) Benzo(a)anthracene	20.953	228	4214	0.216	ng/ul#	40
22) Chrysene	21.005	228	6414	0.327	ng/ul#	52
24) Benzo(b)fluoranthene	22.451	252	8067m	0.398	ng/ul	
25) Benzo(k)fluoranthene	22.489	252	2636m	0.126	ng/ul	
26) Benzo(a)pyrene	22.972	252	4928m	0.266	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.101	276	4798m	0.192	ng/ul	
29) Benzo(g,h,i)perylene	25.718	276	6336m	0.321	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035606.D
Acq On : 13 Dec 2024 20:42
Operator : RC/JU
Sample : P5153-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:47:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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

