

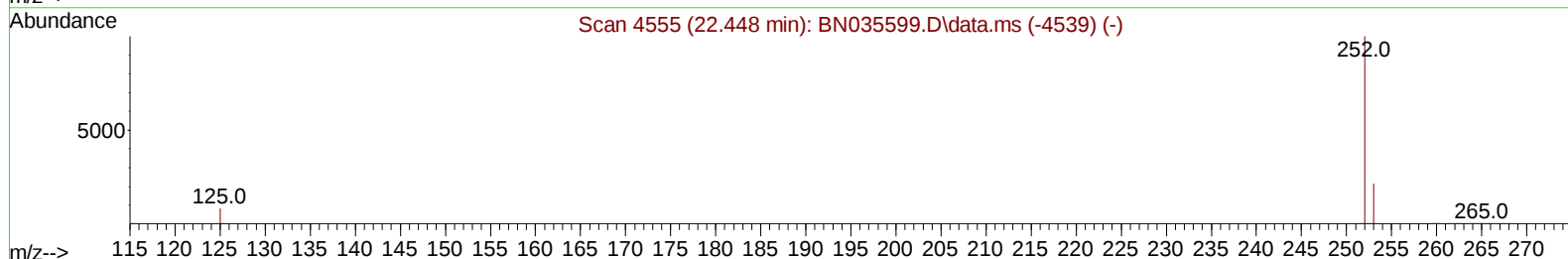
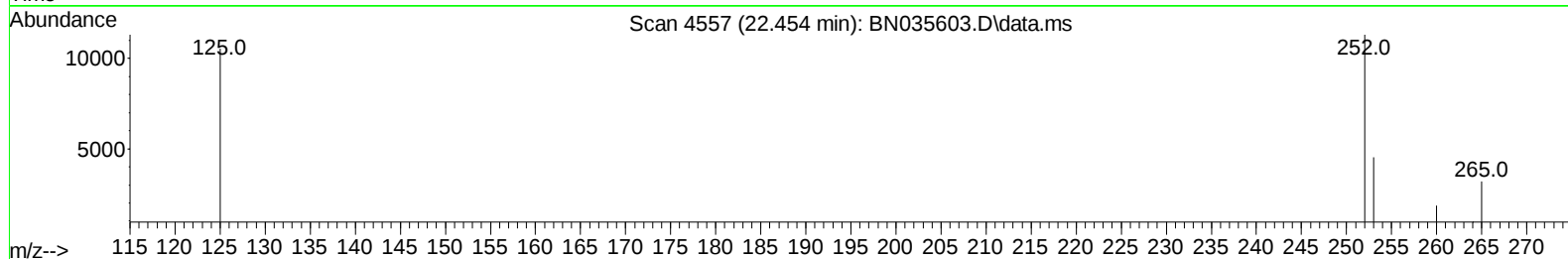
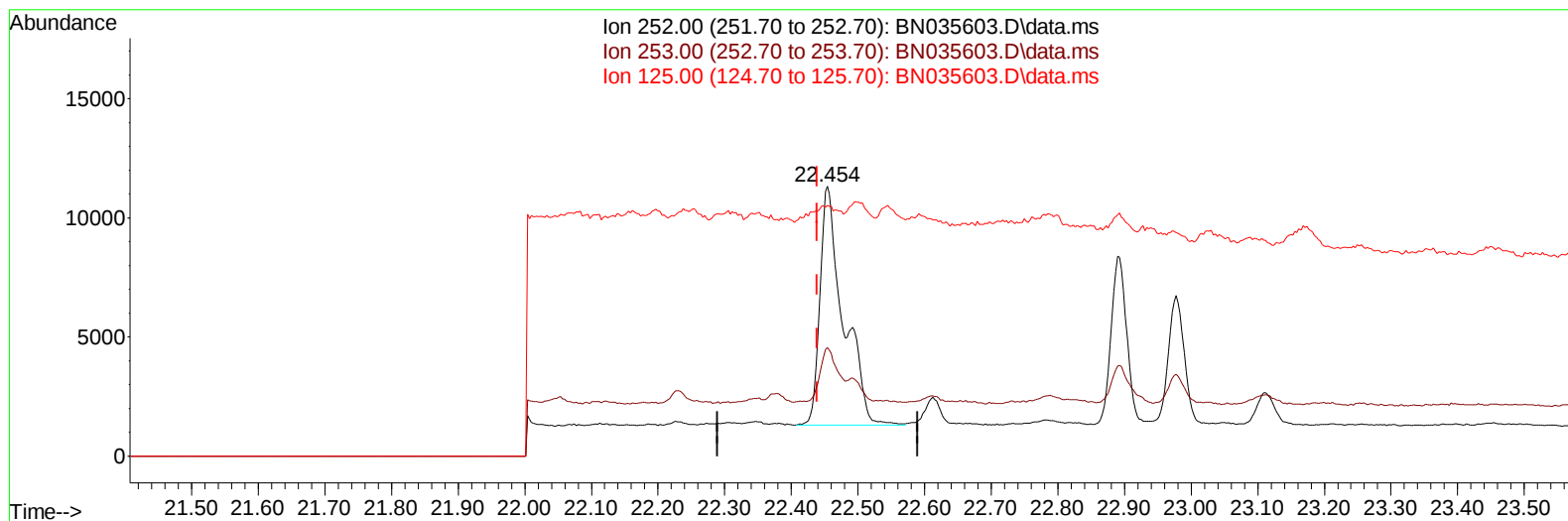
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

(24) Benzo(b)fluoranthene

22.454min (+ 0.015) 1.29 ng/u1

response 24747

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	40.19
125.00	9.70	93.08#
0.00	0.00	0.00

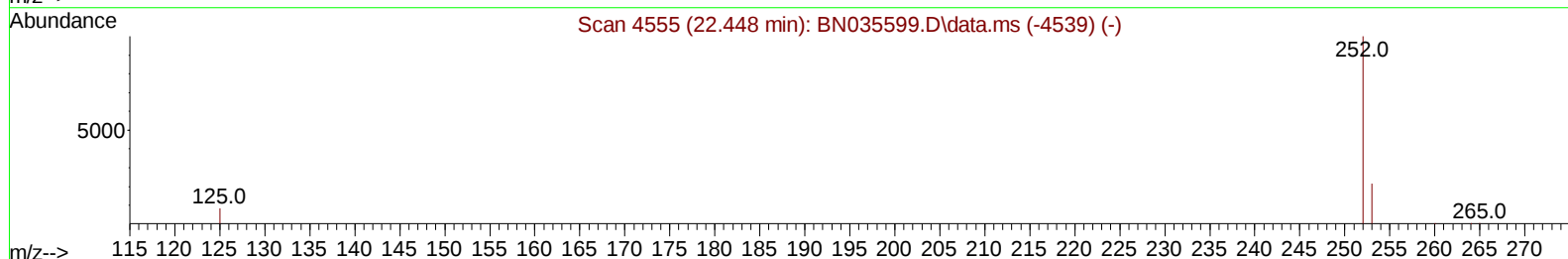
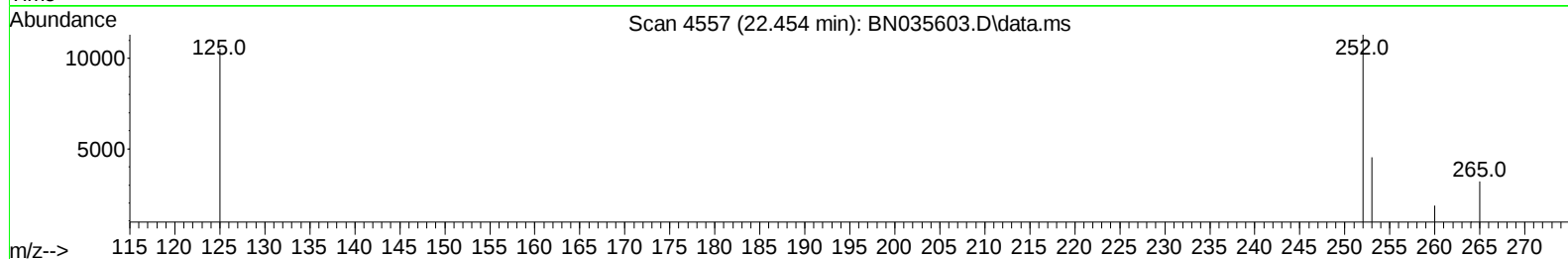
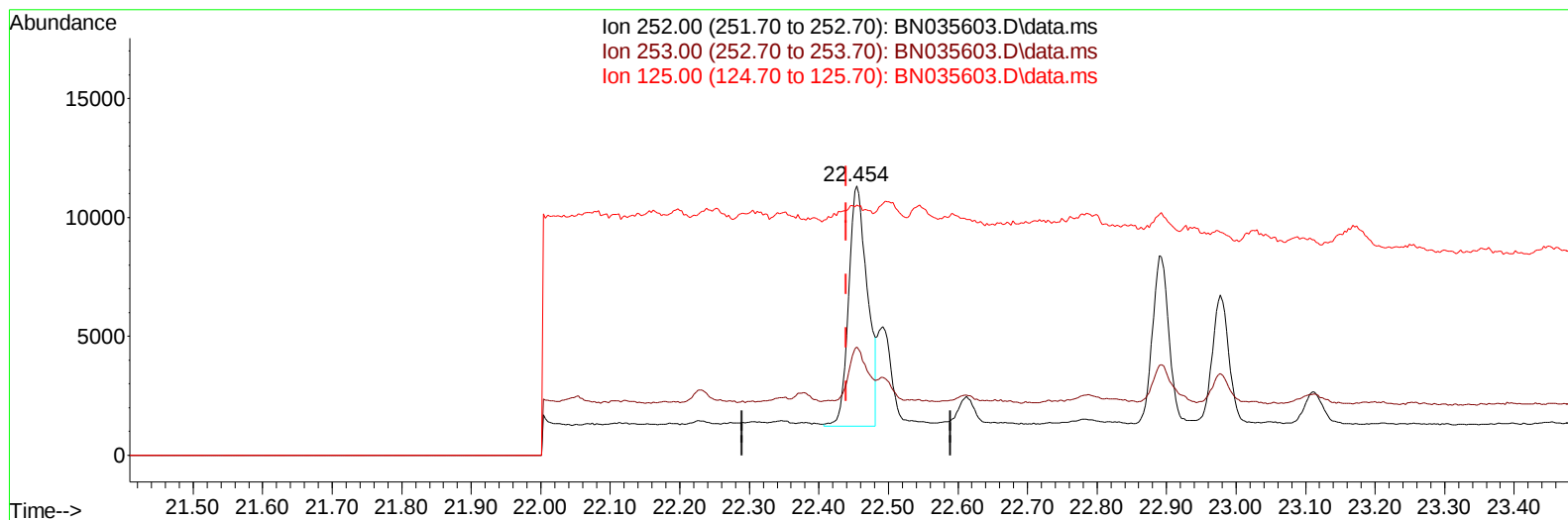
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

(24) Benzo(b)fluoranthene

22.454min (+ 0.015) 0.99 ng/u1 m

response 18867

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	40.19
125.00	9.70	93.08#
0.00	0.00	0.00

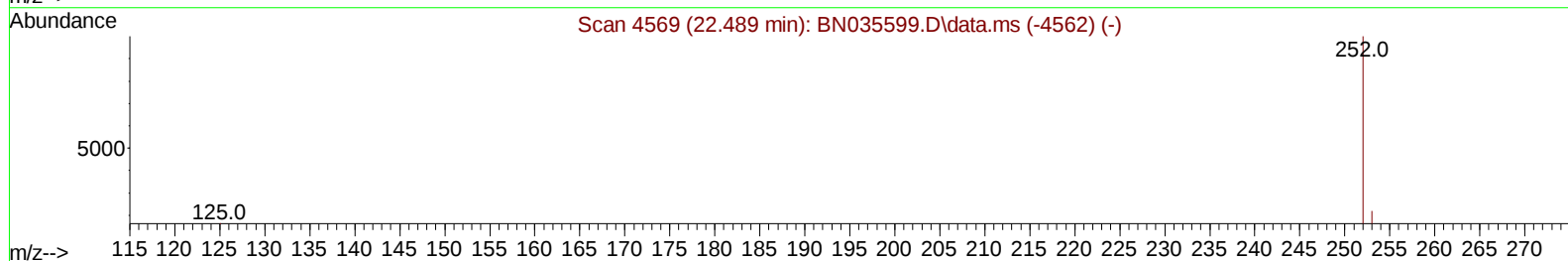
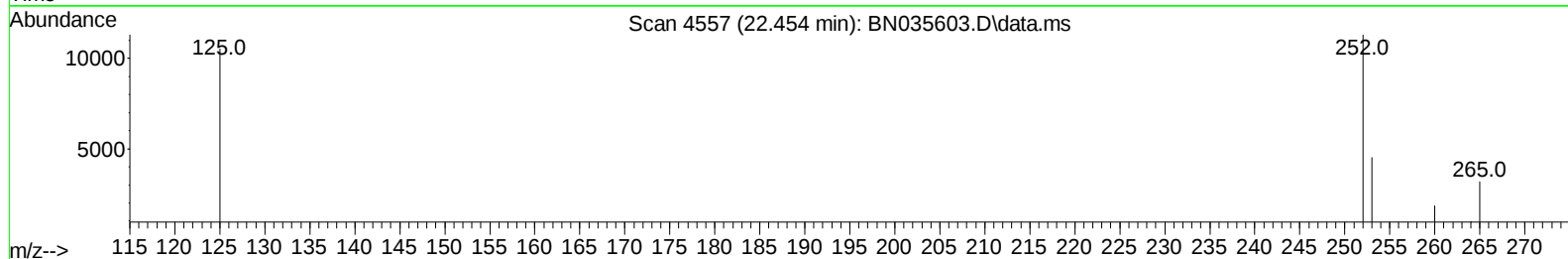
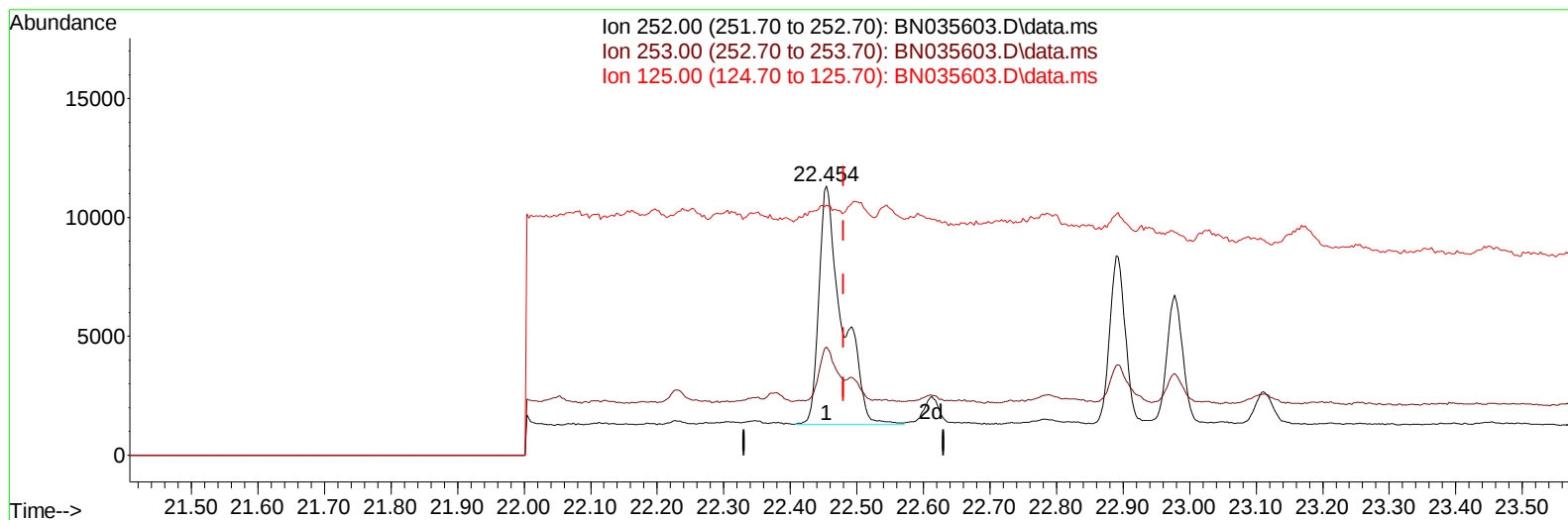
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

(25) Benzo(k)fluoranthene

22.454min (-0.026) 1.25 ng/u1

response 24747

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	40.19#
125.00	10.70	93.08#
0.00	0.00	0.00

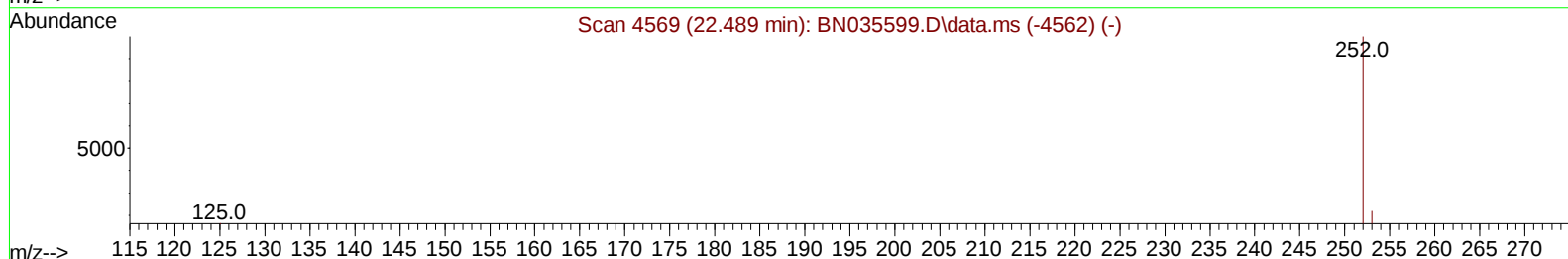
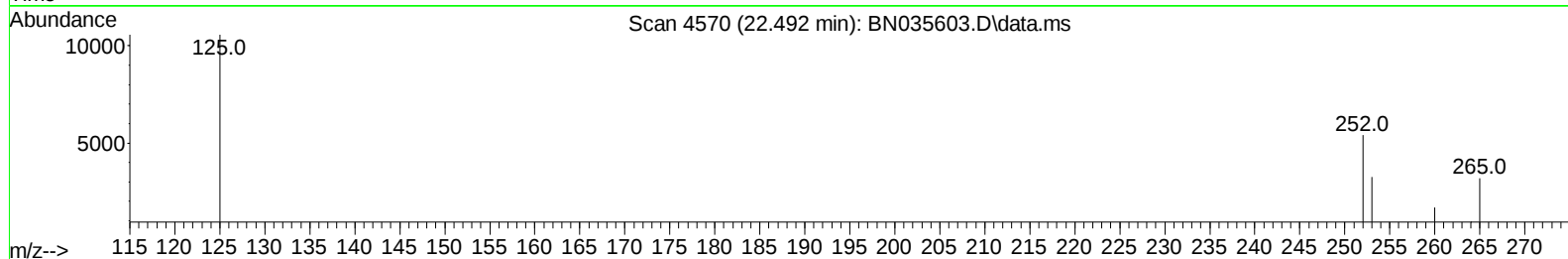
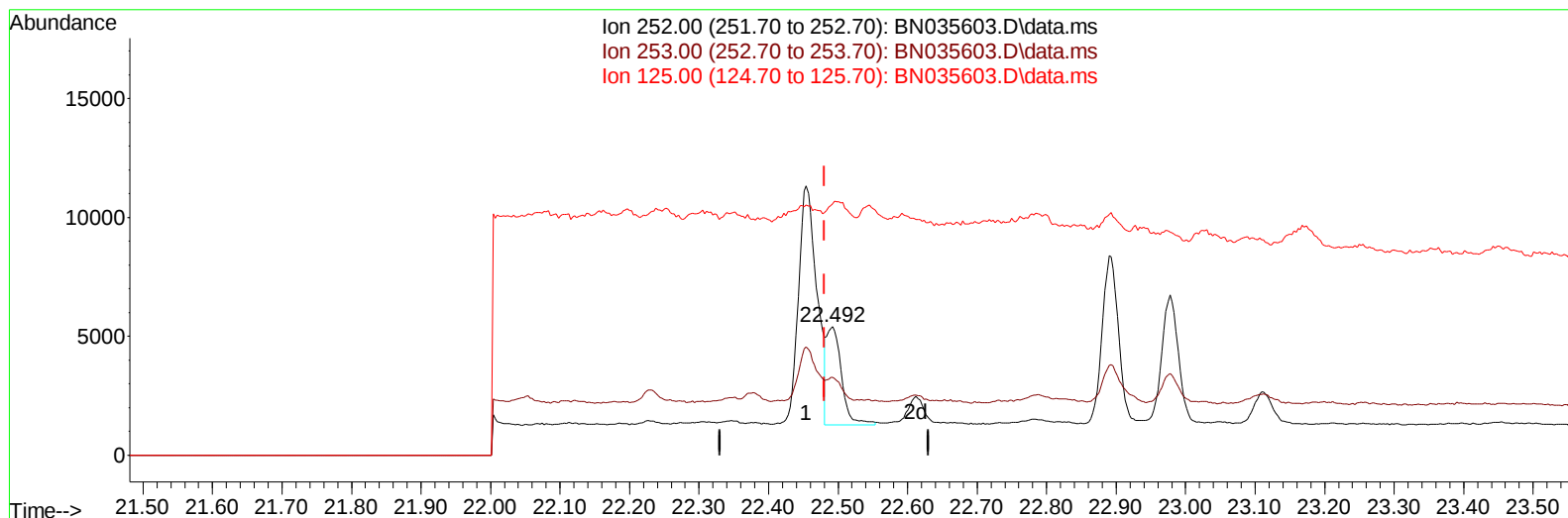
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

(25) Benzo(k)fluoranthene

22.492min (+ 0.012) 0.31 ng/u1 m

response 6116

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	60.34#
125.00	10.70	195.41#
0.00	0.00	0.00

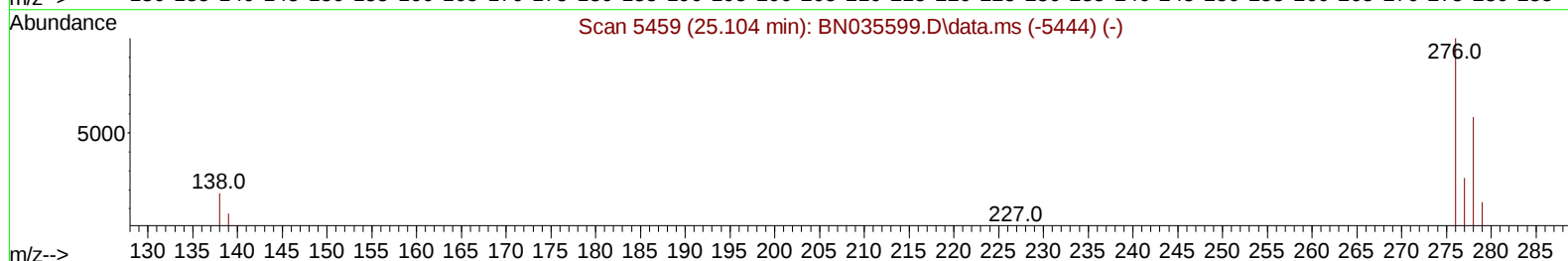
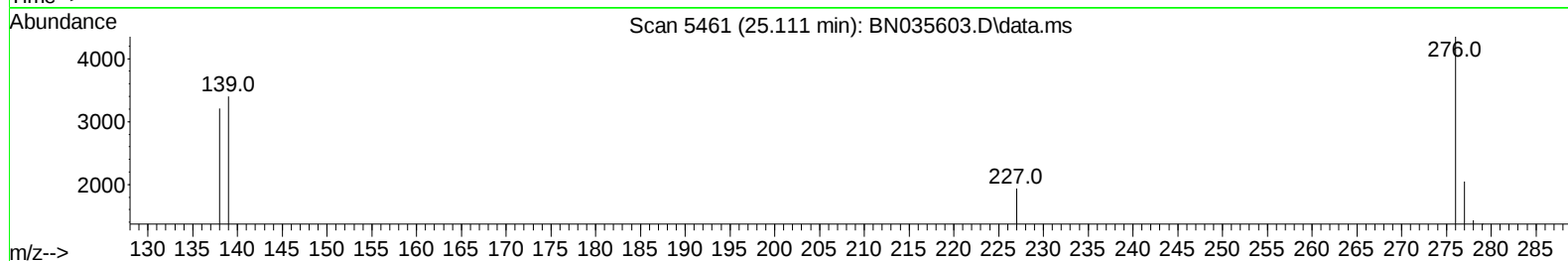
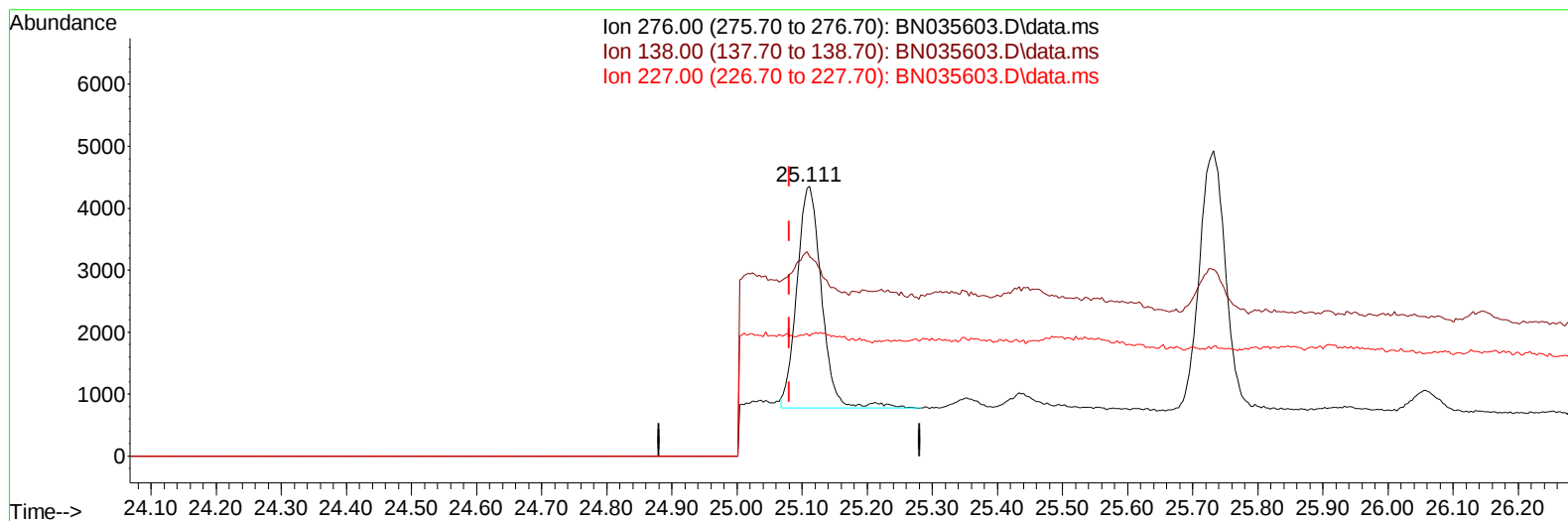
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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
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TIC: BN035603.D\data.ms

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

25.111min (+ 0.030) 0.40 ng/u1

response 9452

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	505.23#
227.00	0.30	0.00#
0.00	0.00	0.00

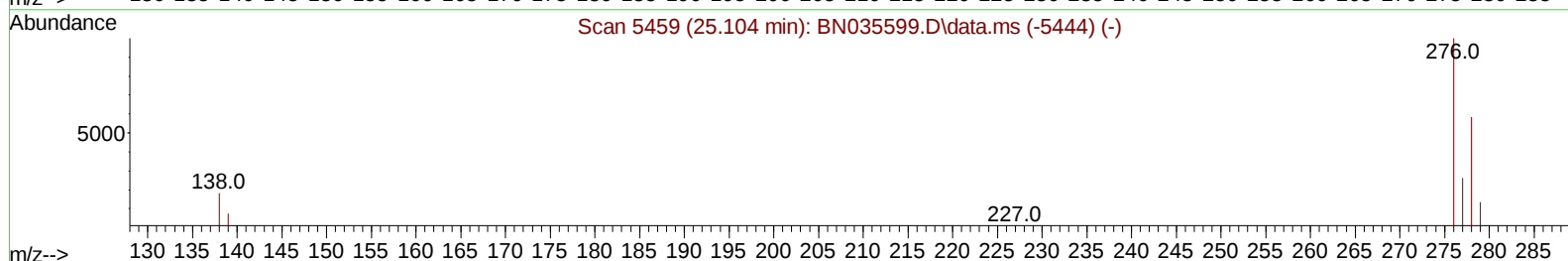
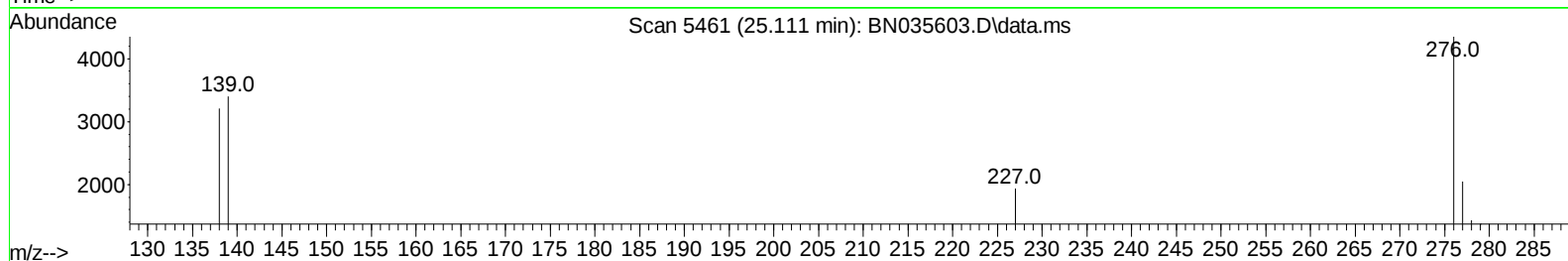
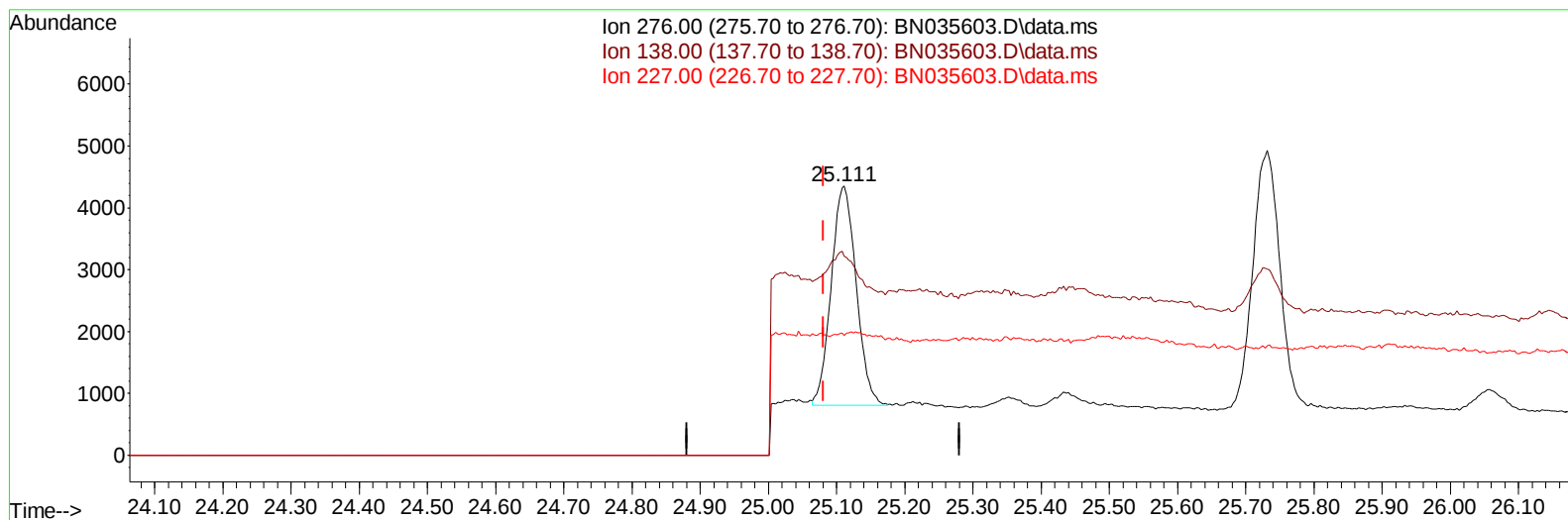
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

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

25.111min (+ 0.030) 0.38 ng/u1 m

response 9018

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	529.54#
227.00	0.30	0.00#
0.00	0.00	0.00

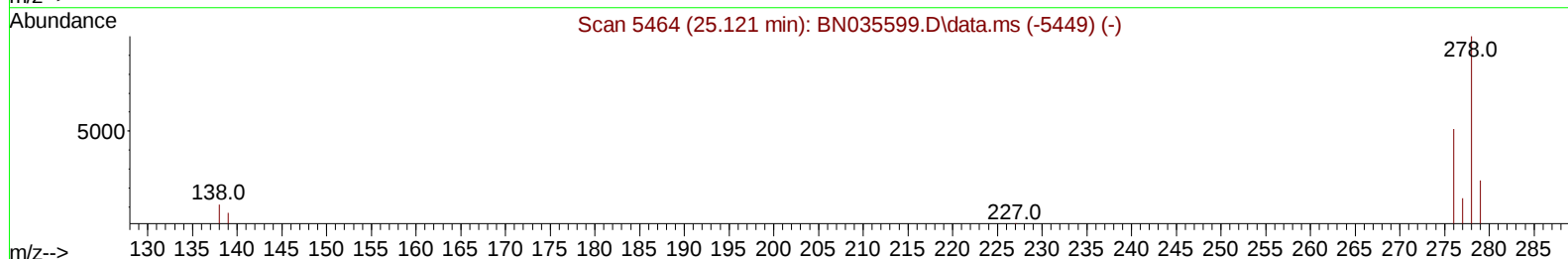
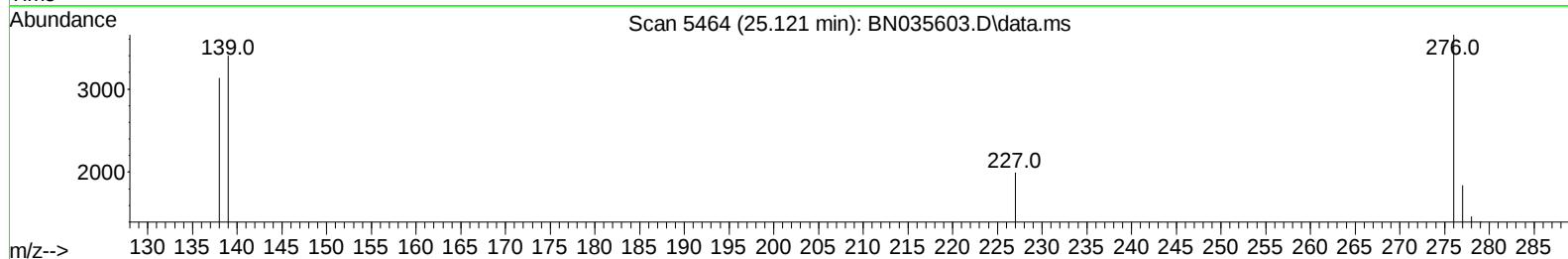
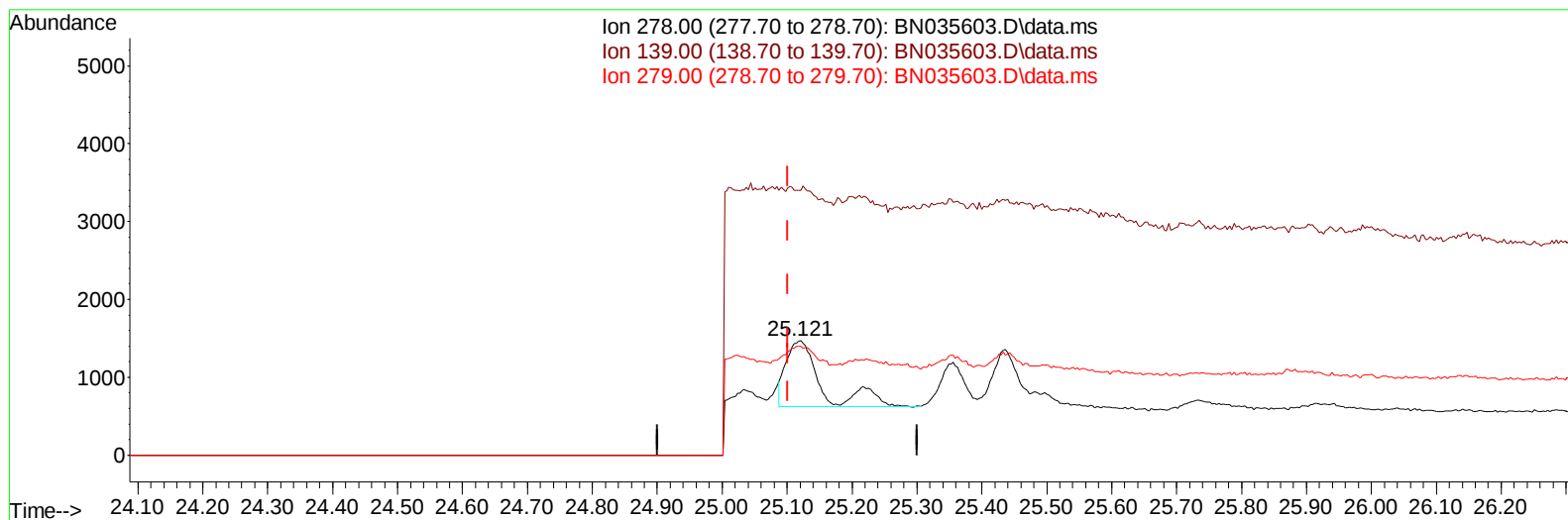
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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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TIC: BN035603.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (+ 0.020) 0.17 ng/u1

response 3126

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	231.65#
279.00	28.50	95.30#
0.00	0.00	0.00

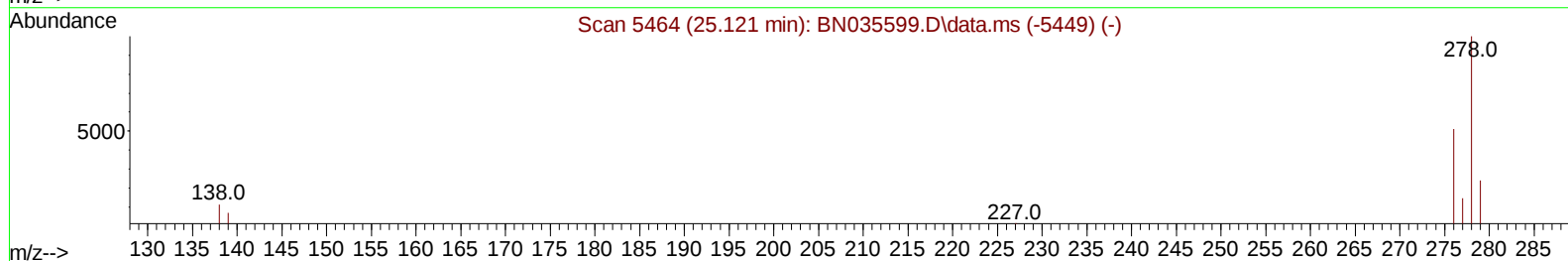
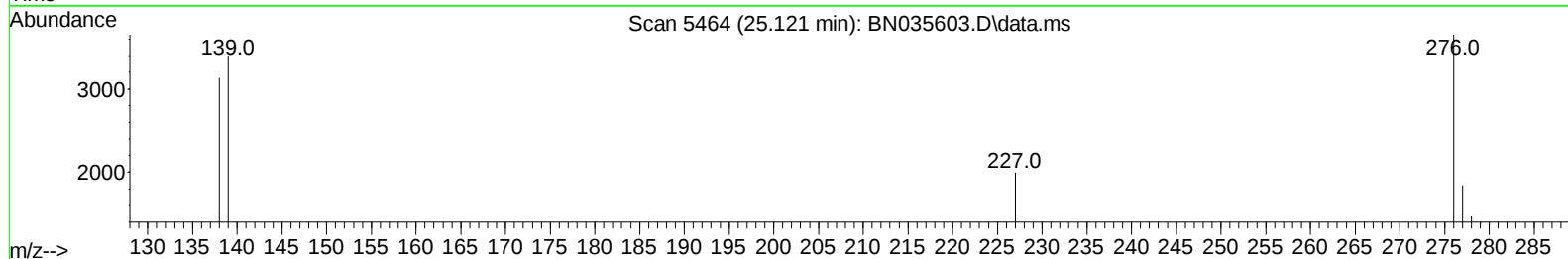
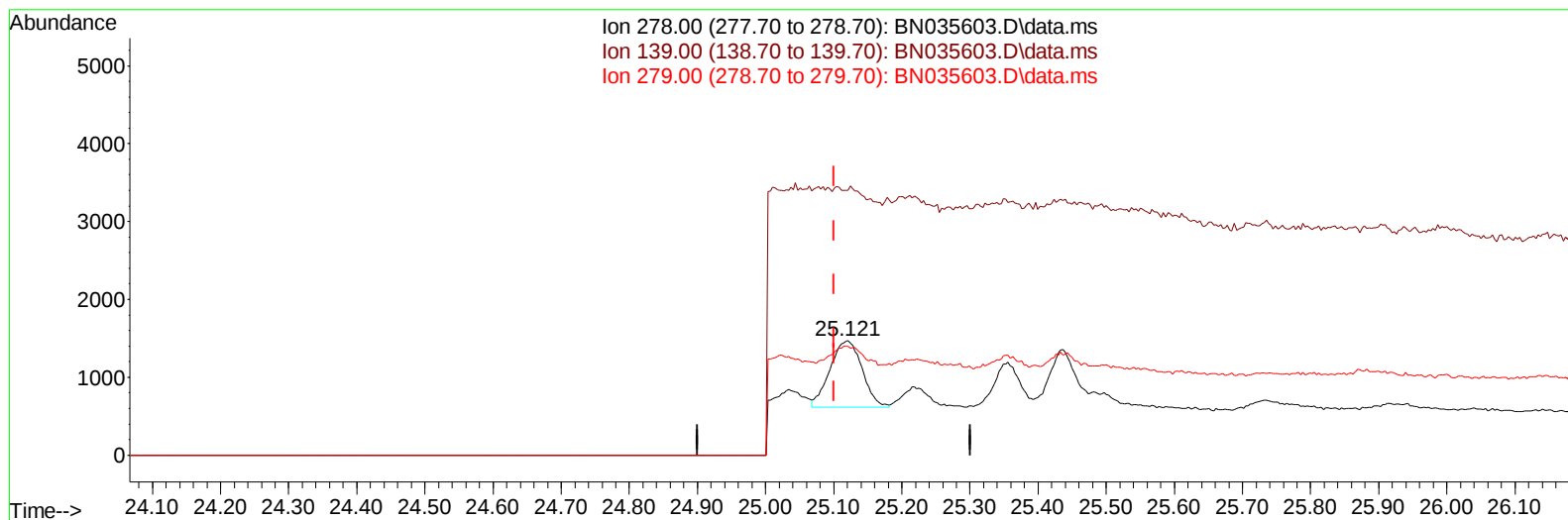
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035603.D
Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 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: BN035603.D\data.ms

(28) Dibenzo(a,h)anthracene

25.121min (+ 0.020) 0.15 ng/u1 m

response 2820

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	231.65#
279.00	28.50	95.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035603.D
 Acq On : 13 Dec 2024 18:55
 Operator : RC/JU
 Sample : P5153-17DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q4DL

Manual IntegrationsAPPROVED

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

Quant Time: Dec 13 21:06:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	1745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	6205	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	4100	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.721	188	8120	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.970	240	6035	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	5789	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1435	0.900	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	500	0.055	ng/ul	0.00
18) Fluoranthene-d10	18.777	212	1233	0.074	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.086	128	5803	0.371	ng/ul	97
7) 2-Methylnaphthalene	11.714	142	8602	0.793	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	2719	0.248	ng/ul	94
10) Acenaphthylene	13.667	152	1844	0.113	ng/ul#	61
11) Acenaphthene	14.018	153	336	0.027	ng/ul#	80
12) Fluorene	15.017	166	1290	0.088	ng/ul#	84
14) Pentachlorophenol	16.384	266	127	0.067	ng/ul#	60
15) Phenanthrene	16.764	178	18024	0.840	ng/ul#	92
16) Anthracene	16.852	178	8620	0.433	ng/ul#	80
19) Fluoranthene	18.805	202	17094	0.814	ng/ul#	91
20) Pyrene	19.172	202	18286	0.836	ng/ul#	90
21) Benzo(a)anthracene	20.955	228	9929	0.474	ng/ul#	58
22) Chrysene	21.008	228	15702	0.745	ng/ul#	68
24) Benzo(b)fluoranthene	22.454	252	18867m	0.986	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	6116m	0.310	ng/ul	
26) Benzo(a)pyrene	22.978	252	8895	0.509	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.111	276	9018m	0.382	ng/ul	
28) Dibenzo(a,h)anthracene	25.121	278	2820m	0.152	ng/ul	
29) Benzo(g,h,i)perylene	25.732	276	11858	0.637	ng/ul#	41

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

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Acq On : 13 Dec 2024 18:55
Operator : RC/JU
Sample : P5153-17DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Q4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 13 21:06:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 12/14/2024

