

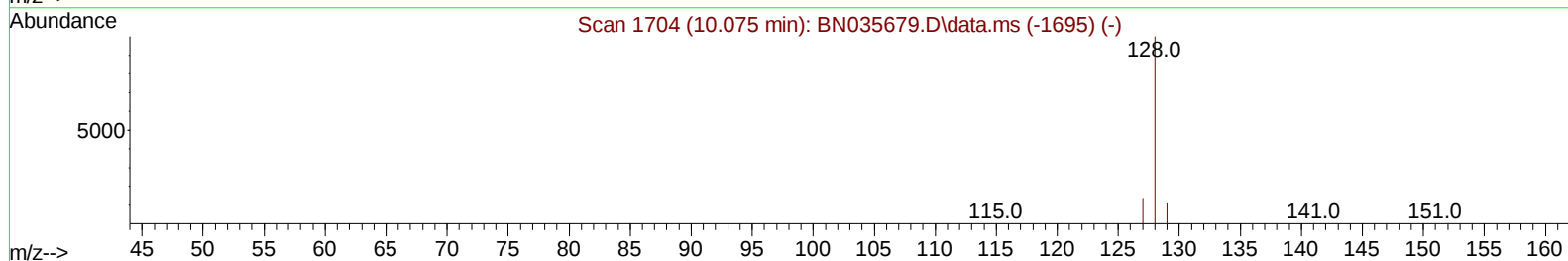
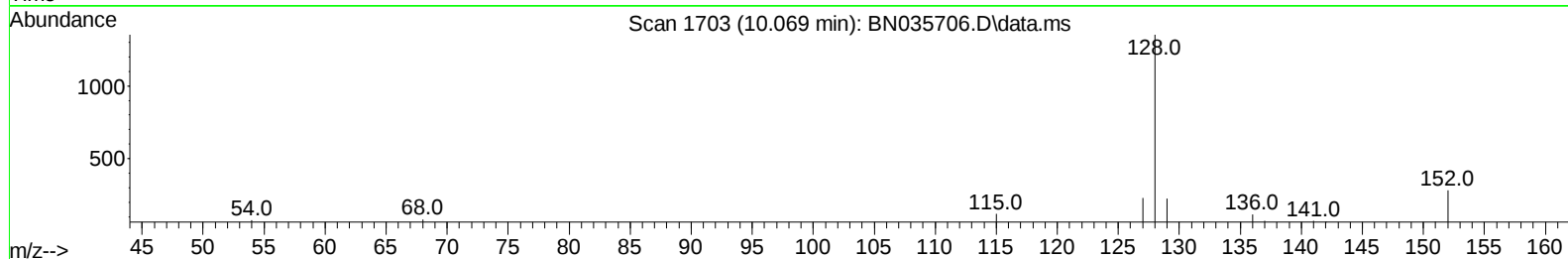
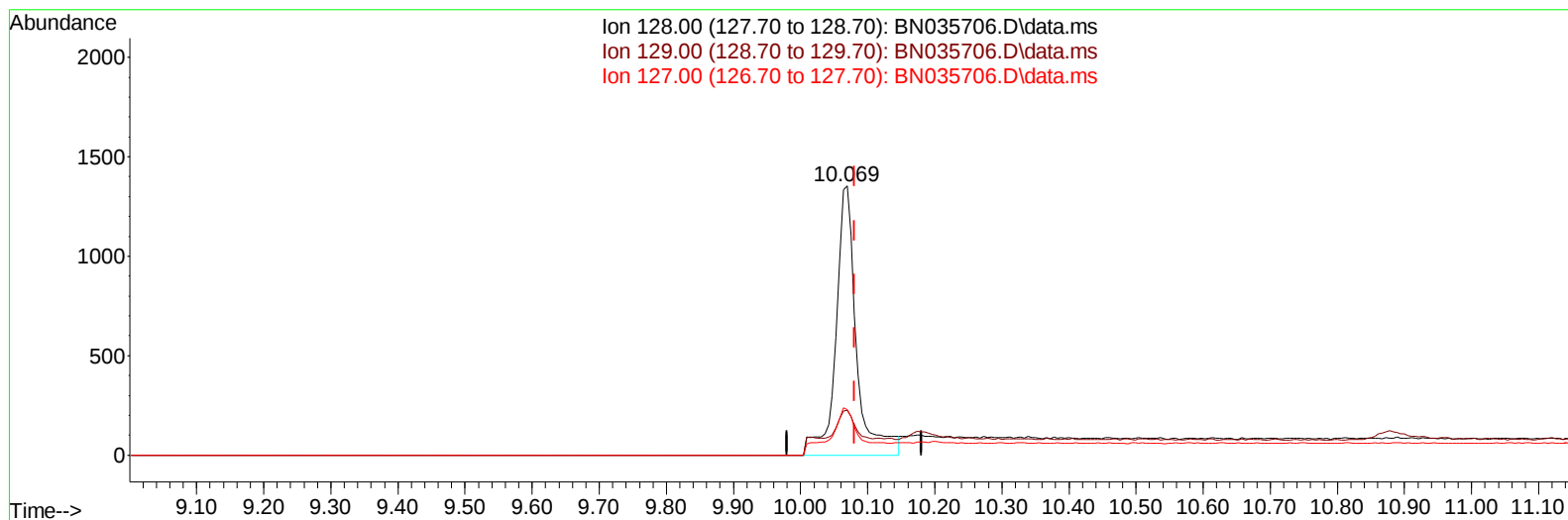
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 16:12:33 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



TIC: BN035706.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.12 ng/u1

response 2829

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	16.72#
127.00	15.00	16.94
0.00	0.00	0.00

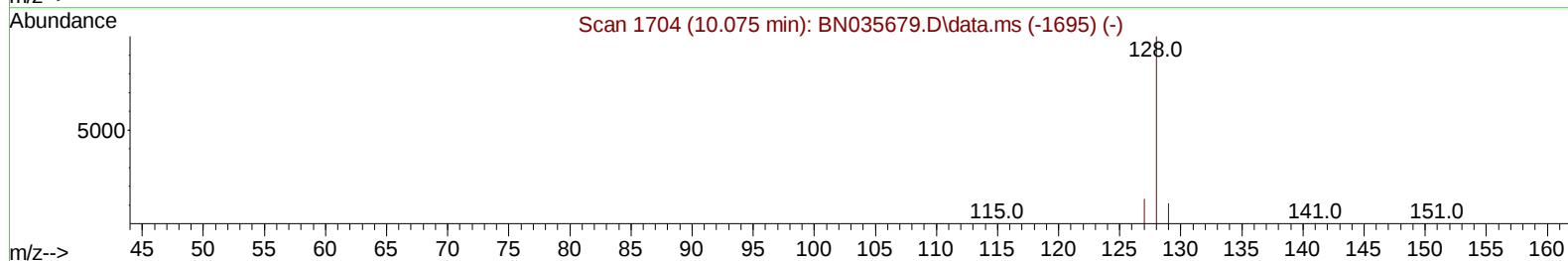
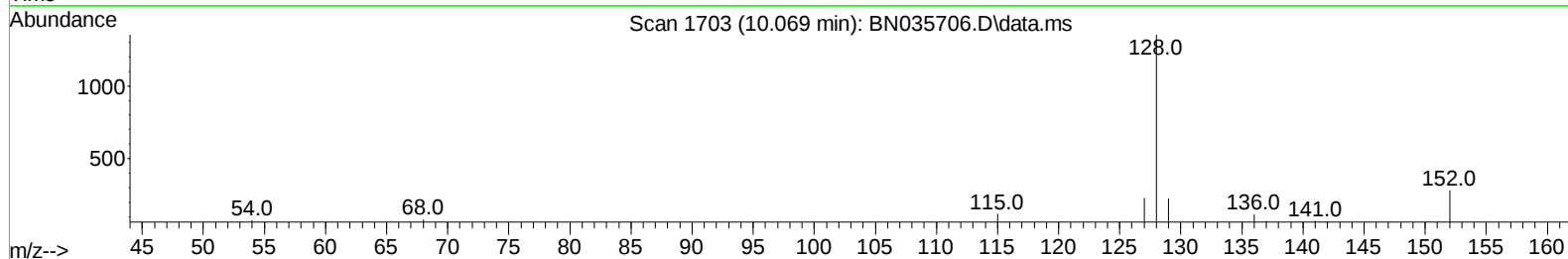
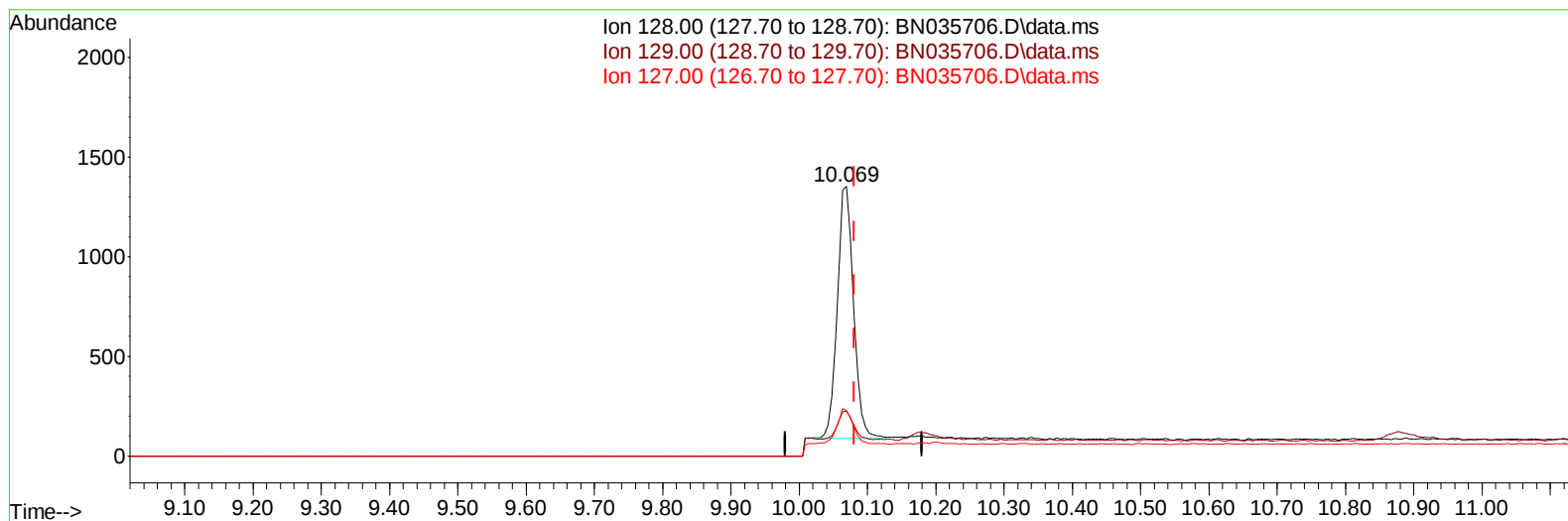
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.09 ng/u1 m

response 2117

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	16.72#
127.00	15.00	16.94
0.00	0.00	0.00

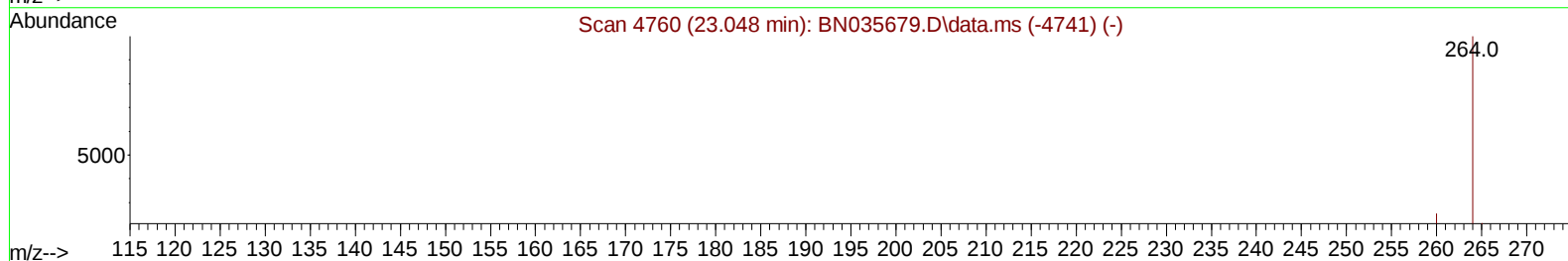
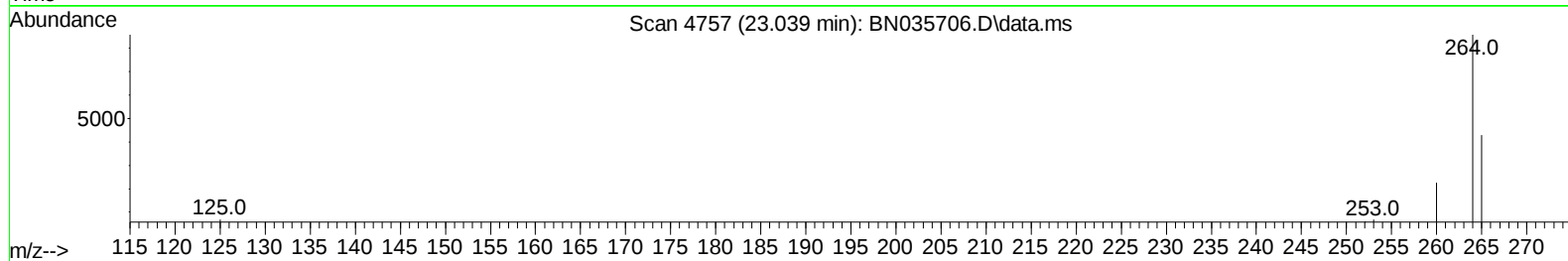
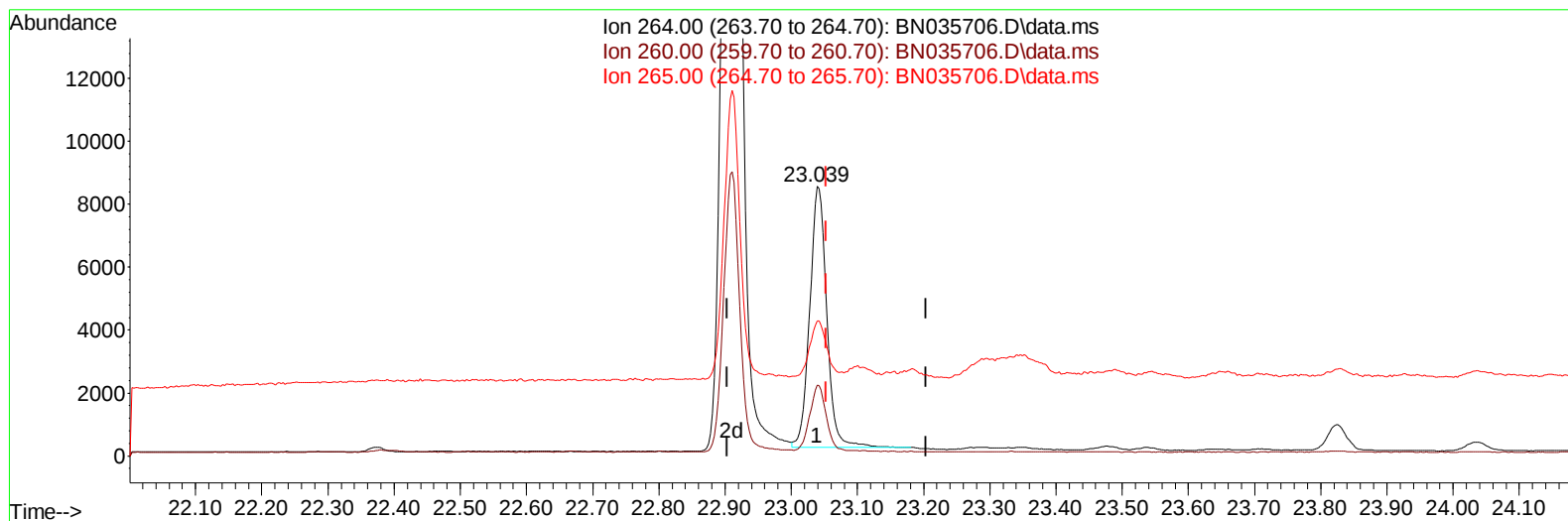
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(23) Perylene-d12 (I)

23.039min (-0.015) 0.40 ng/u1

response 14837

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.29
265.00	62.10	50.22
0.00	0.00	0.00

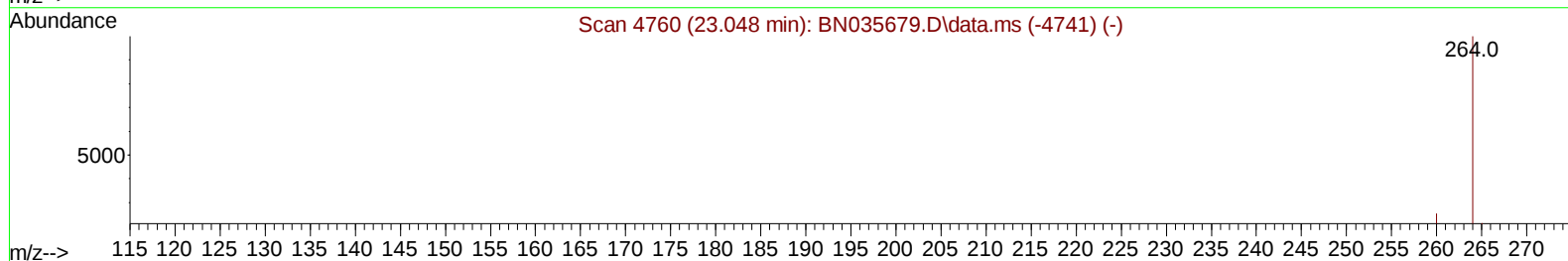
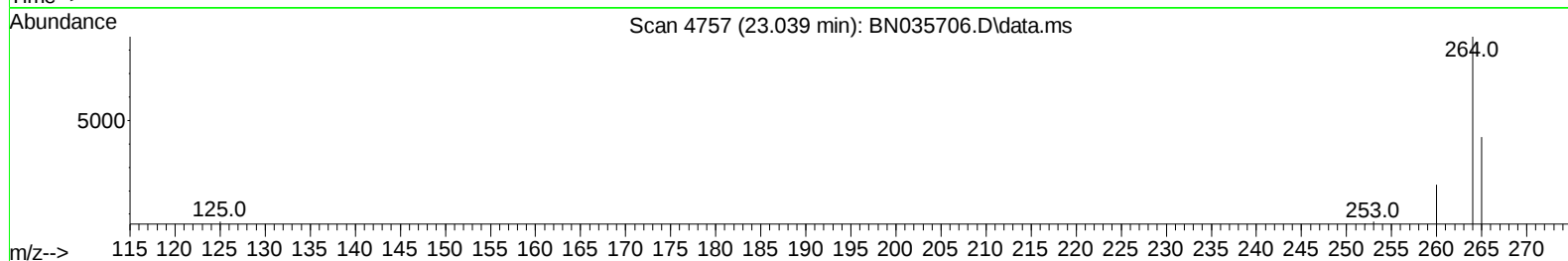
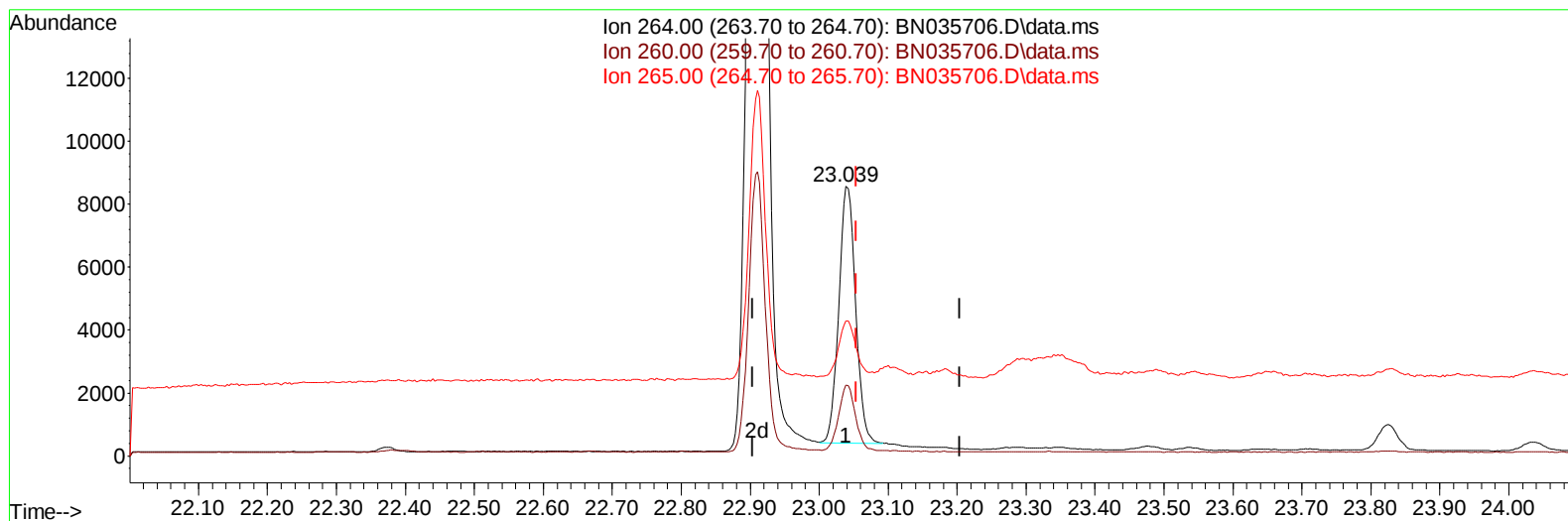
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(23) Perylene-d12 (I)

23.039min (-0.015) 0.40 ng/ul m

response 13857

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	26.29
265.00	62.10	50.22
0.00	0.00	0.00

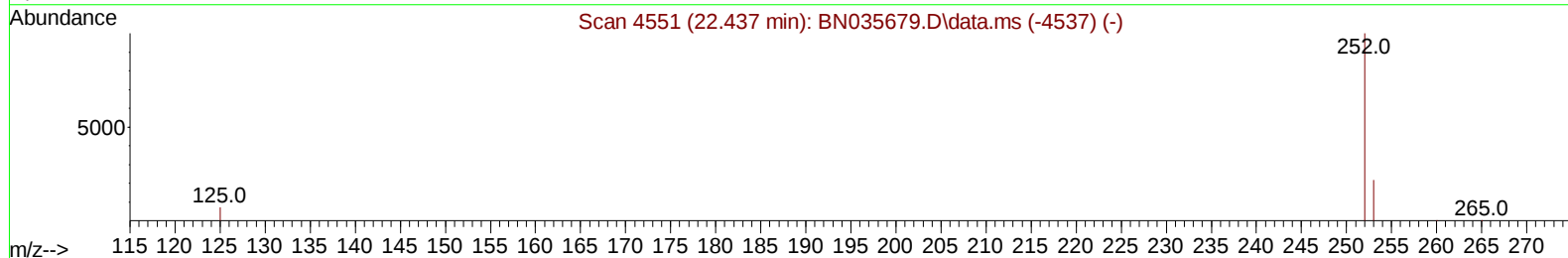
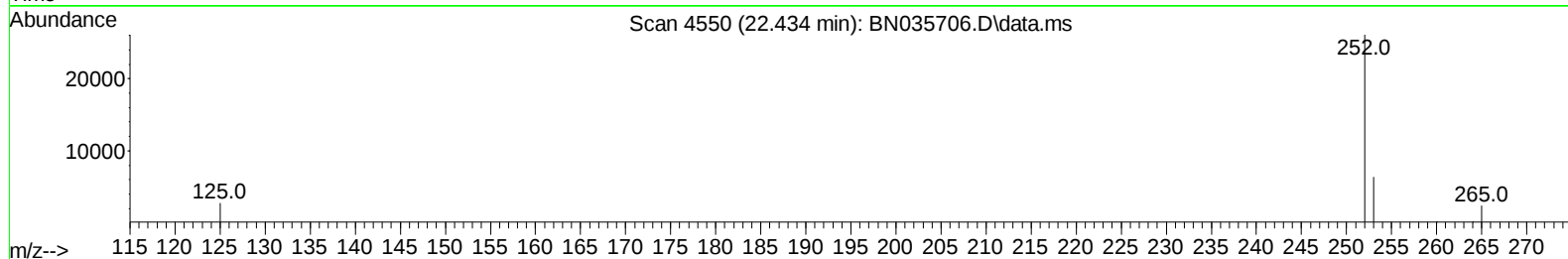
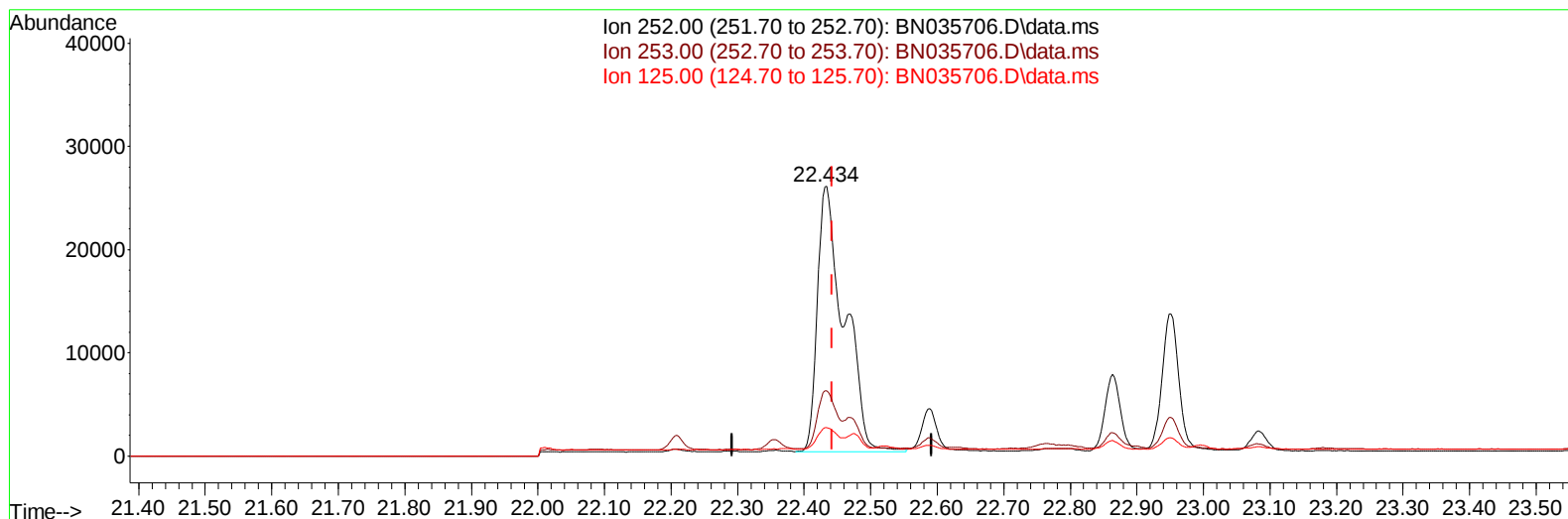
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 1.75 ng/u1

response 71488

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.30
125.00	18.80	10.48
0.00	0.00	0.00

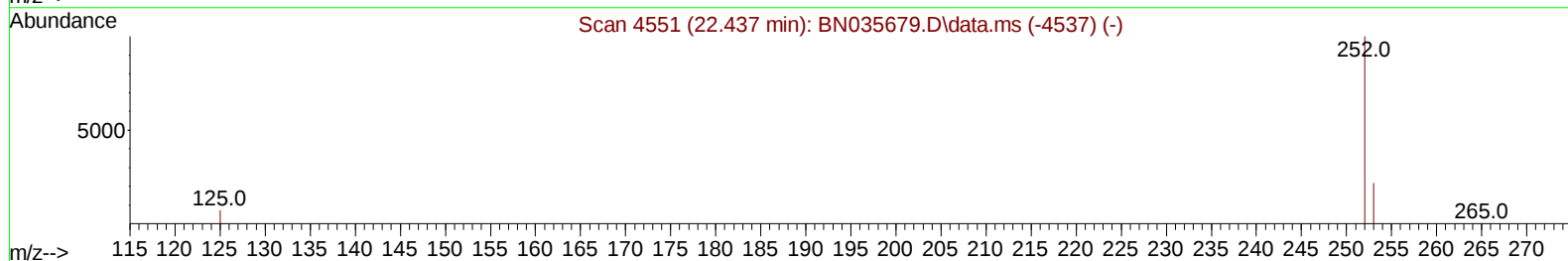
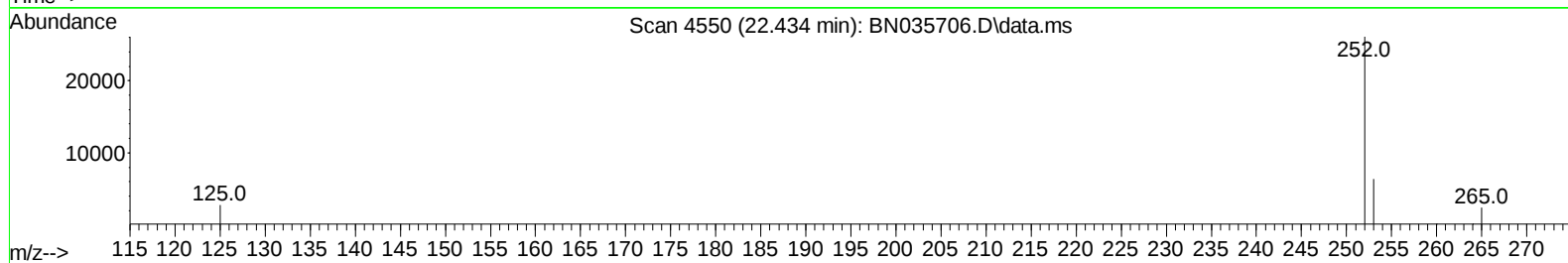
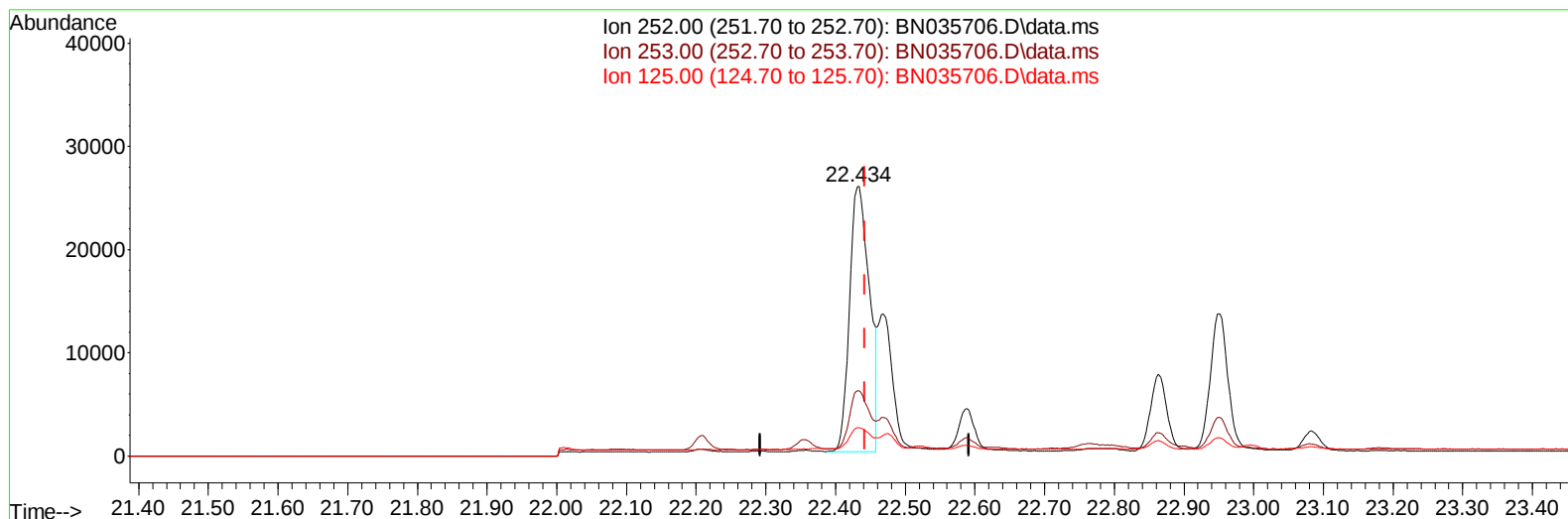
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 1.24 ng/ul m

response 50835

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.30
125.00	18.80	10.48
0.00	0.00	0.00

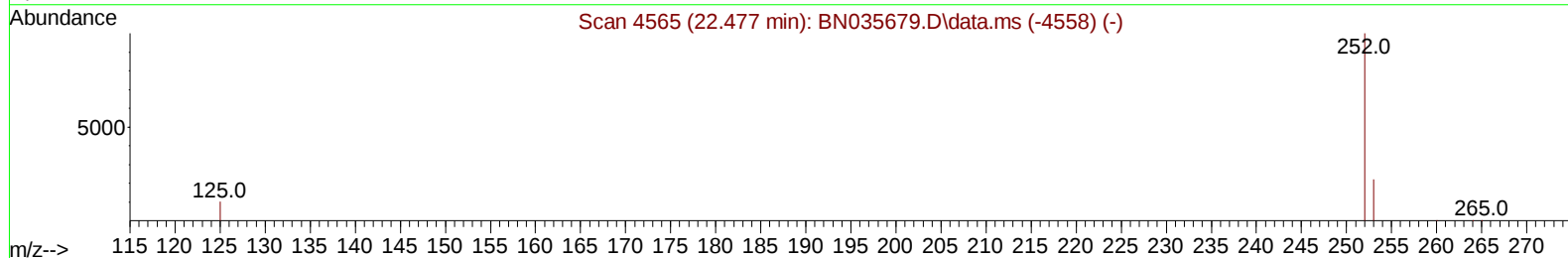
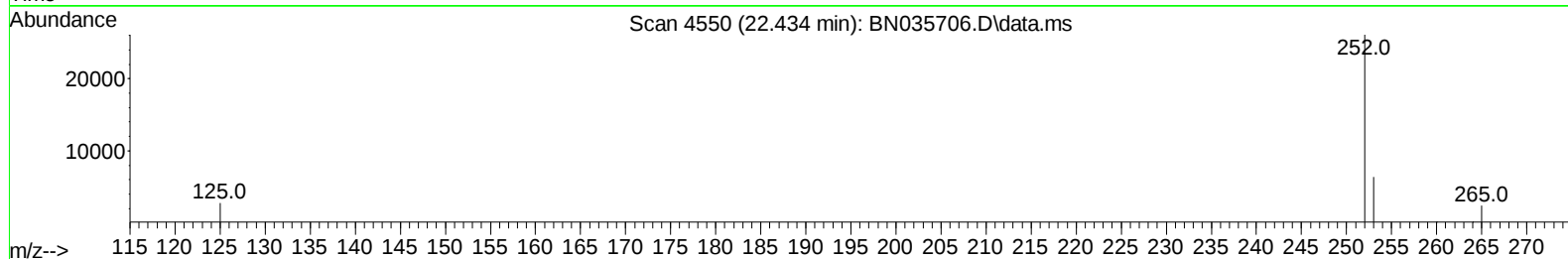
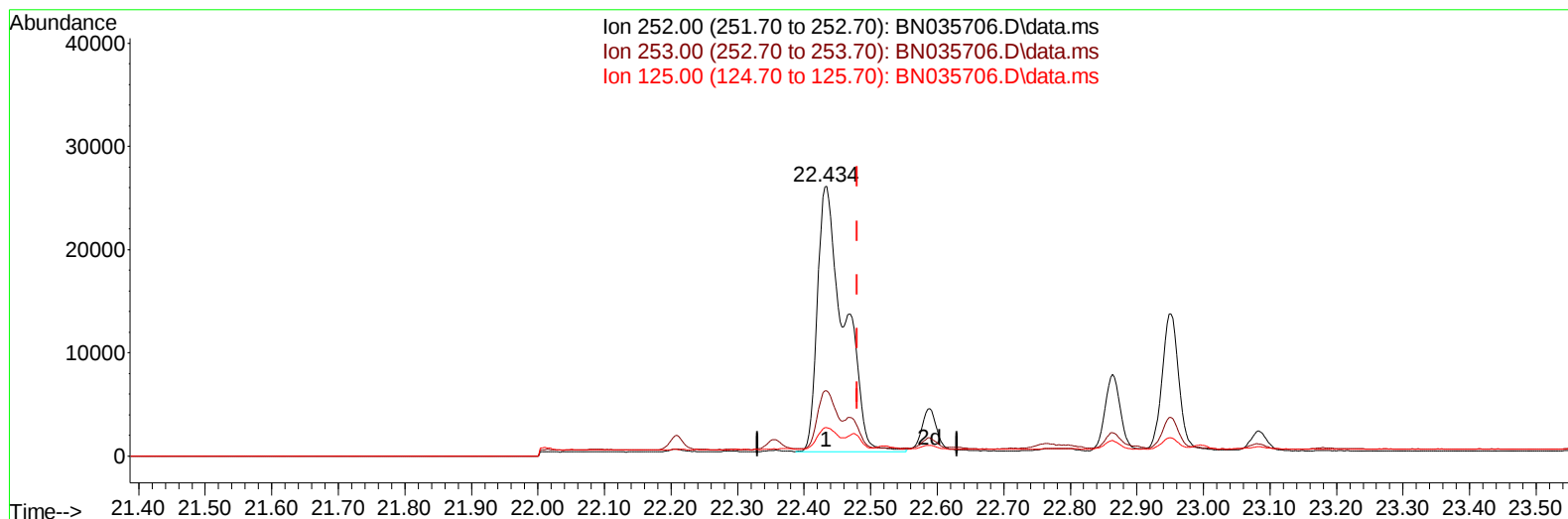
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 1.58 ng/u1

response 71488

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.30
125.00	19.10	10.48#
0.00	0.00	0.00

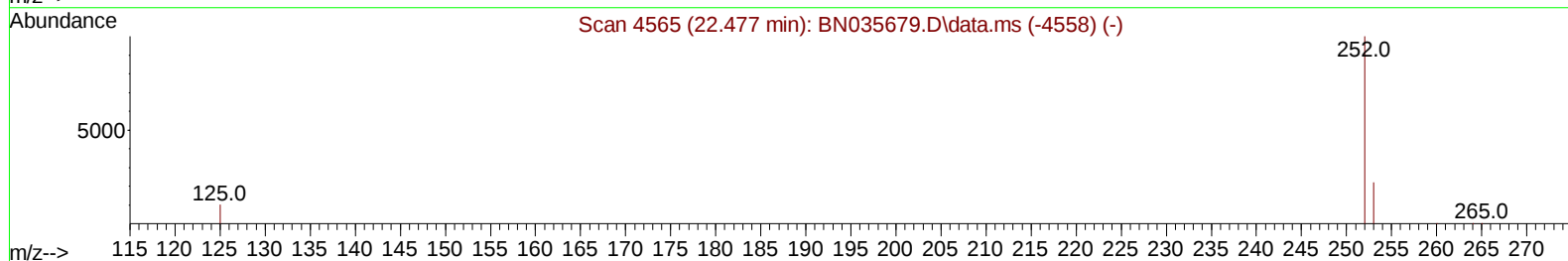
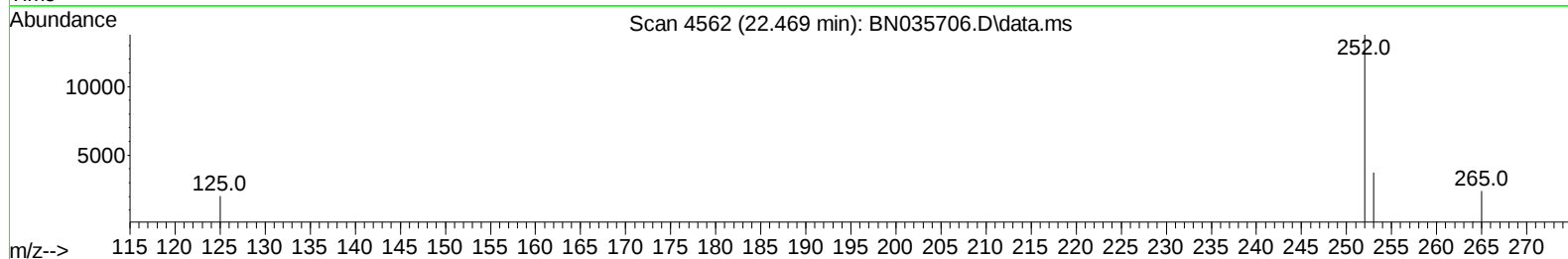
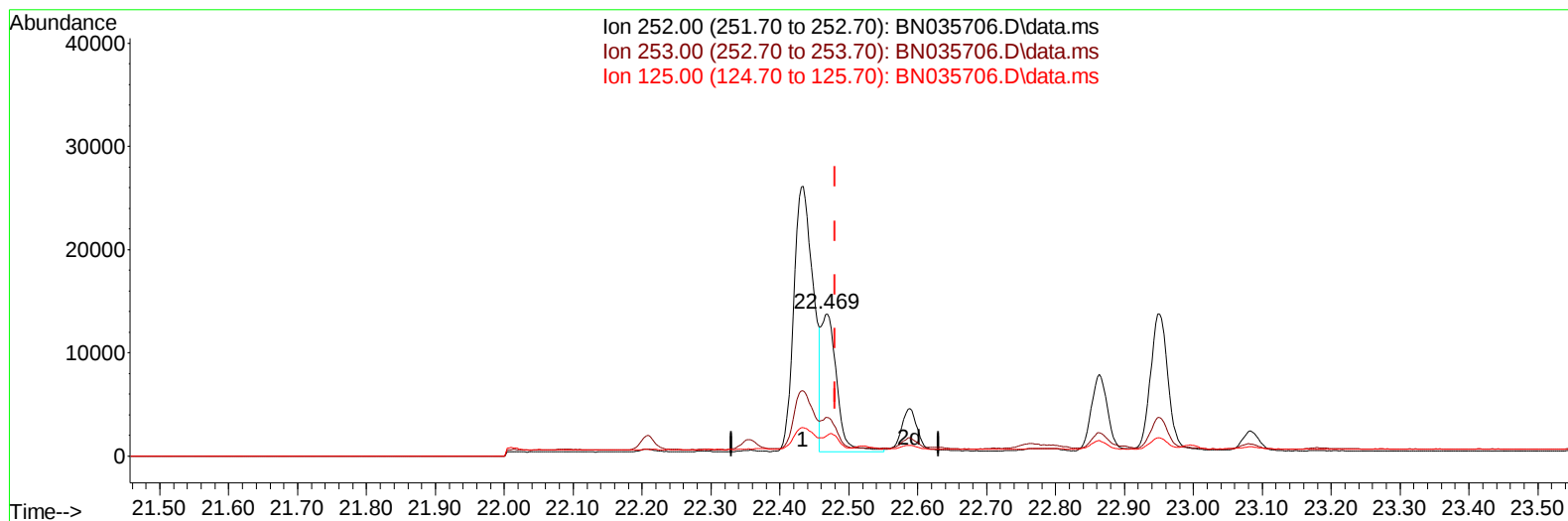
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Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 0.46 ng/u1 m

response 20855

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	27.21
125.00	19.10	14.76#
0.00	0.00	0.00

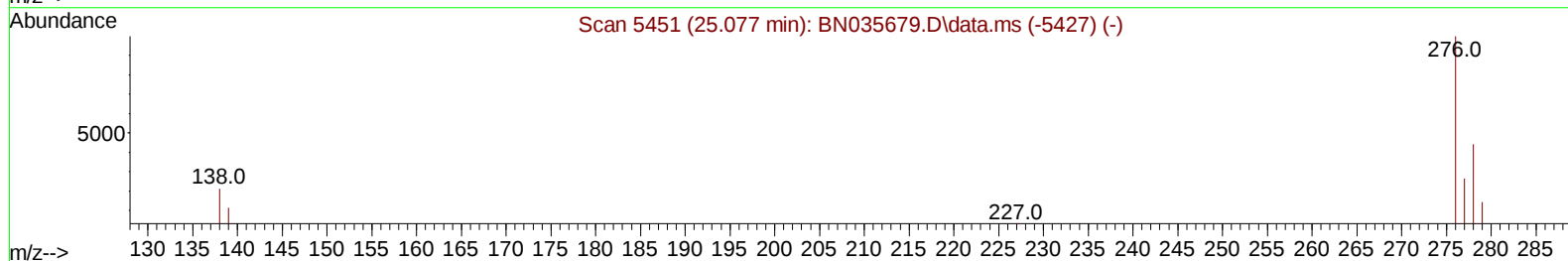
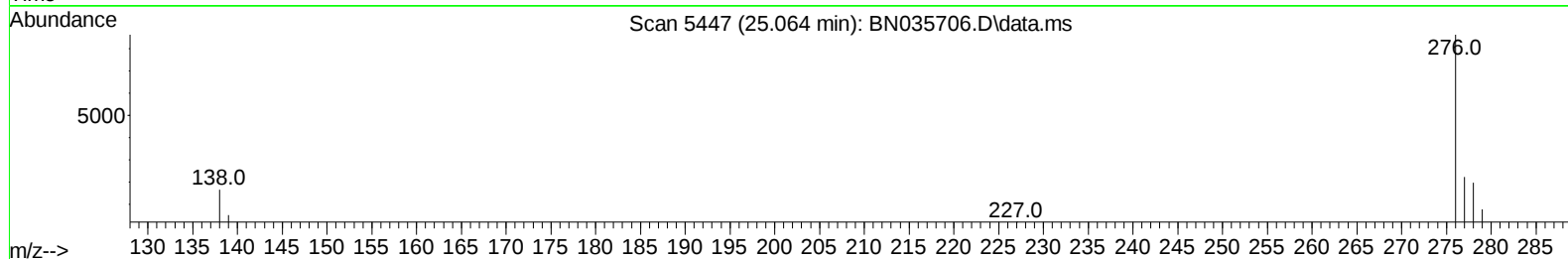
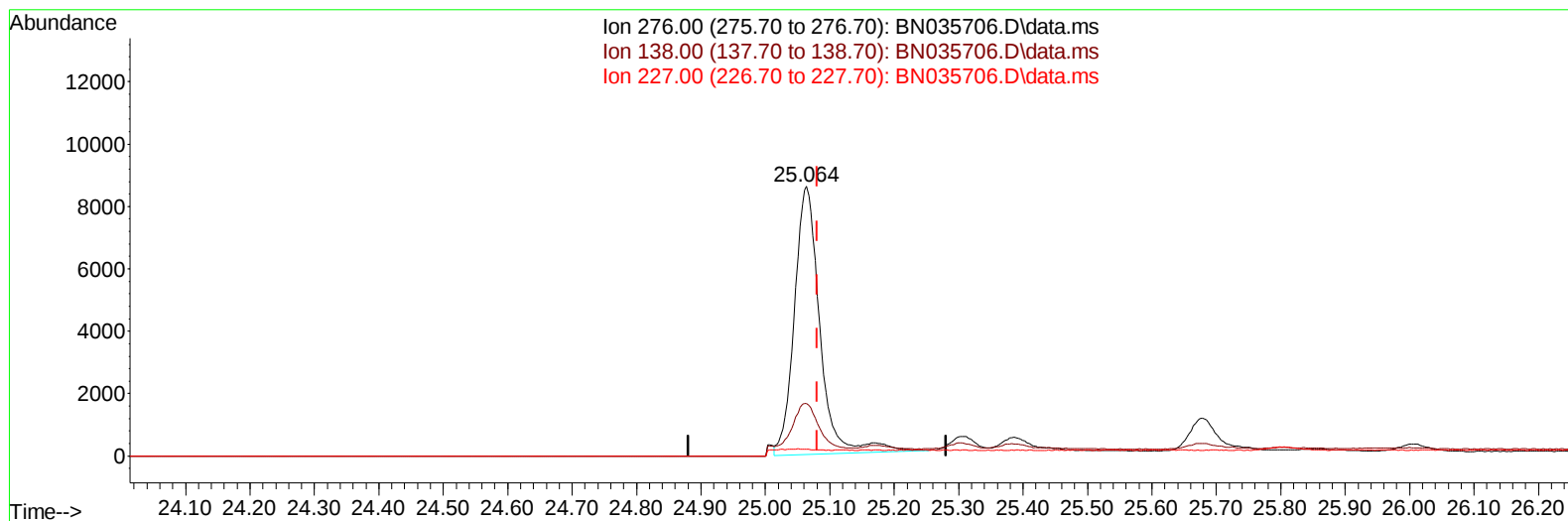
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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TIC: BN035706.D\data.ms

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

25.064min (-0.017) 0.49 ng/u1

response 23743

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	17.52
227.00	27.00	12.09#
0.00	0.00	0.00

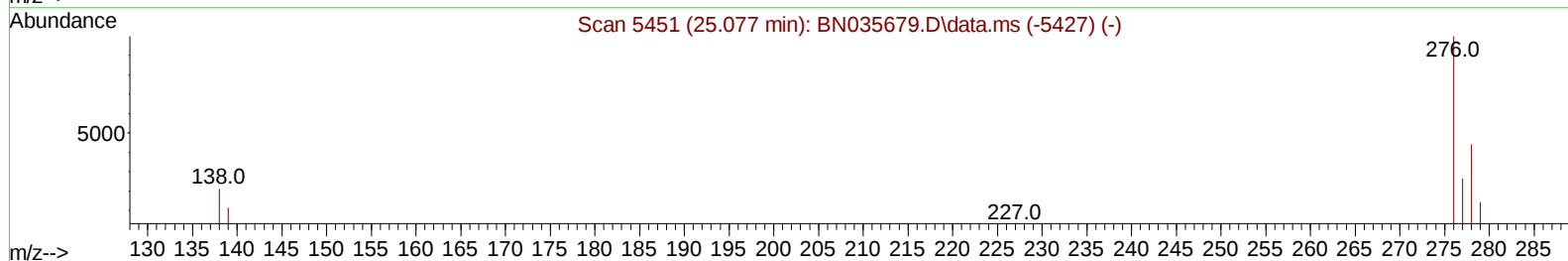
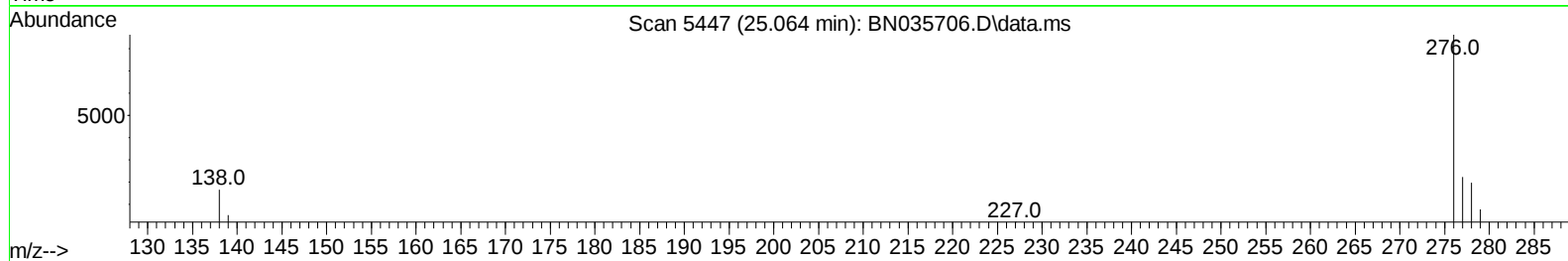
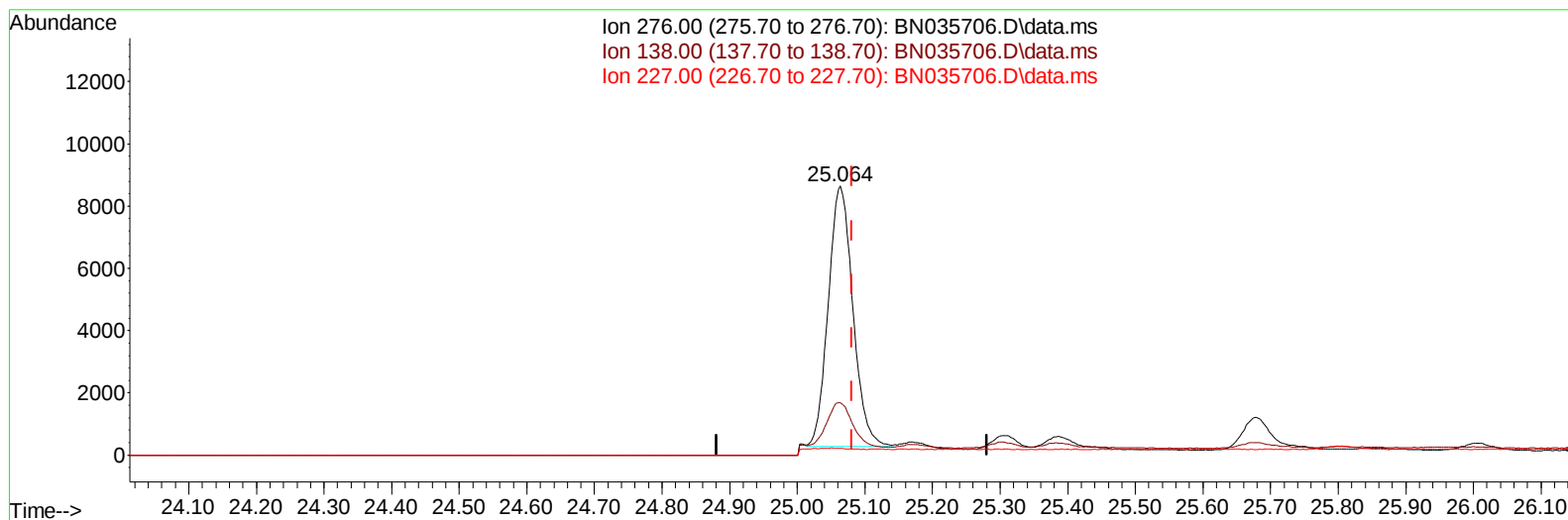
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

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

25.064min (-0.017) 0.44 ng/ul m

response 21044

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	19.76
227.00	27.00	13.64#
0.00	0.00	0.00

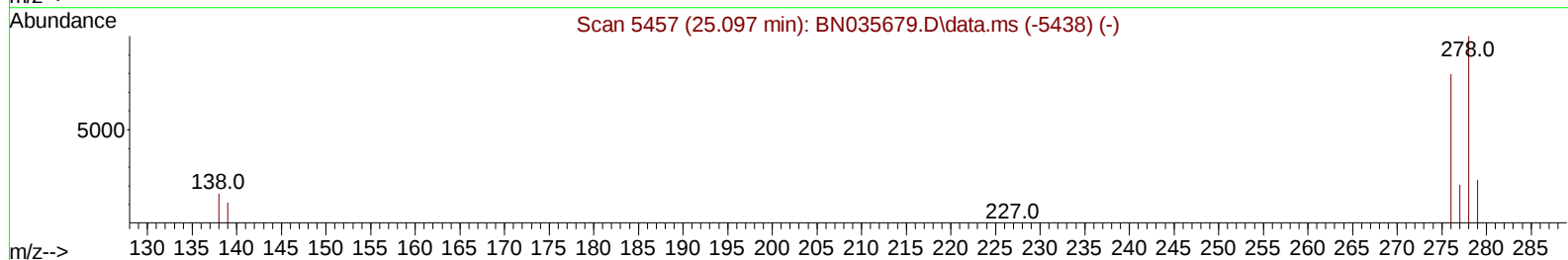
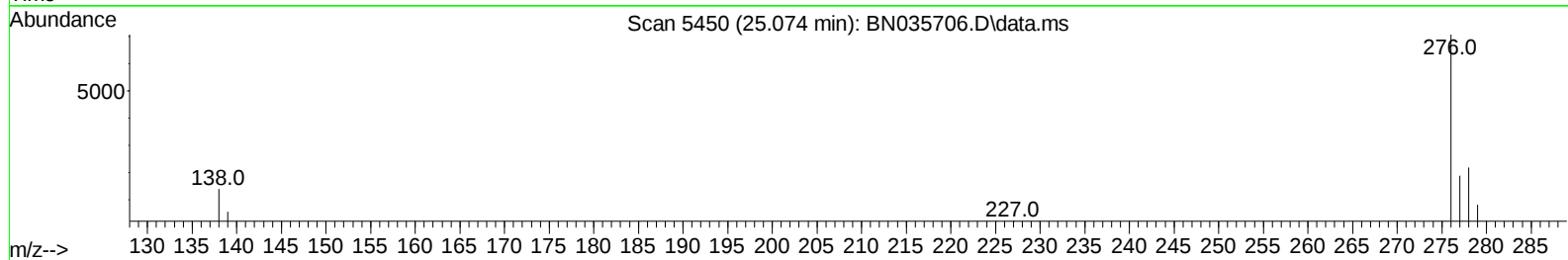
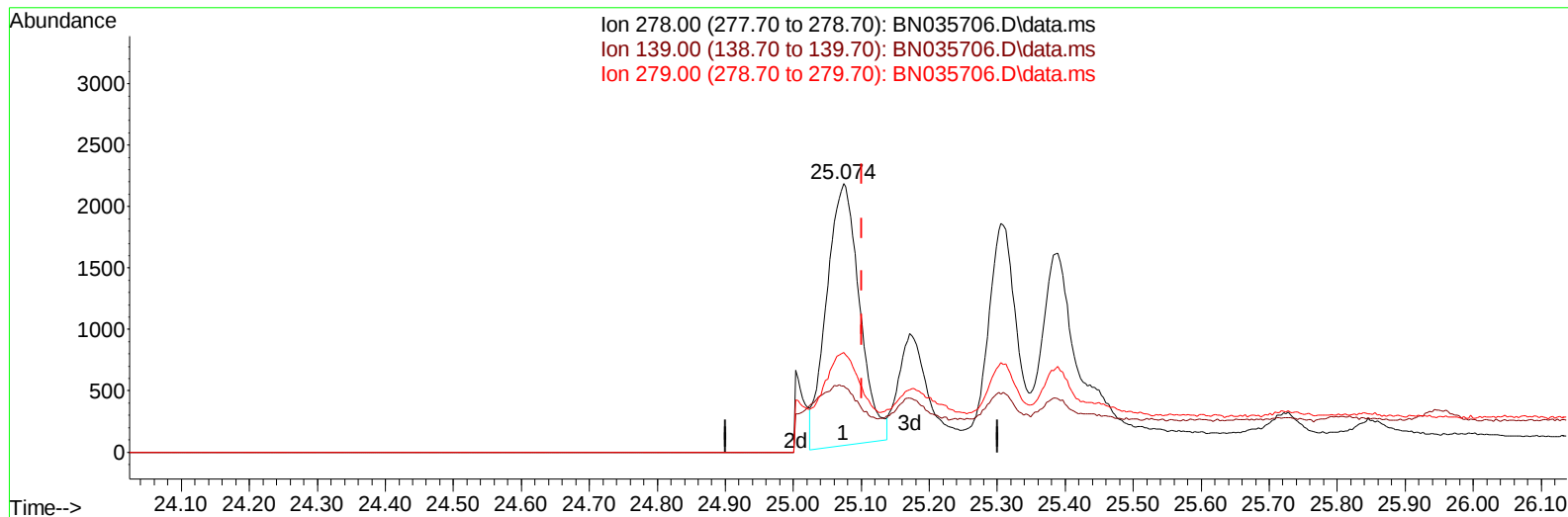
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
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Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.20 ng/u1

response 7197

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	24.67
279.00	30.00	37.12#
0.00	0.00	0.00

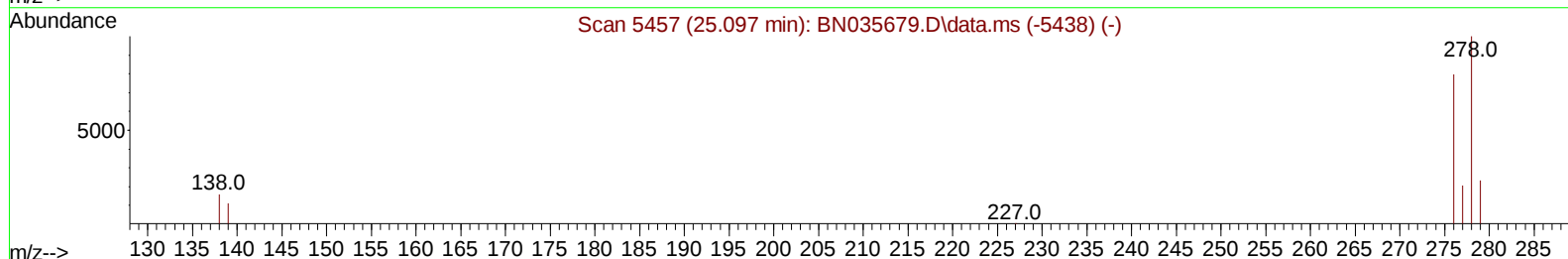
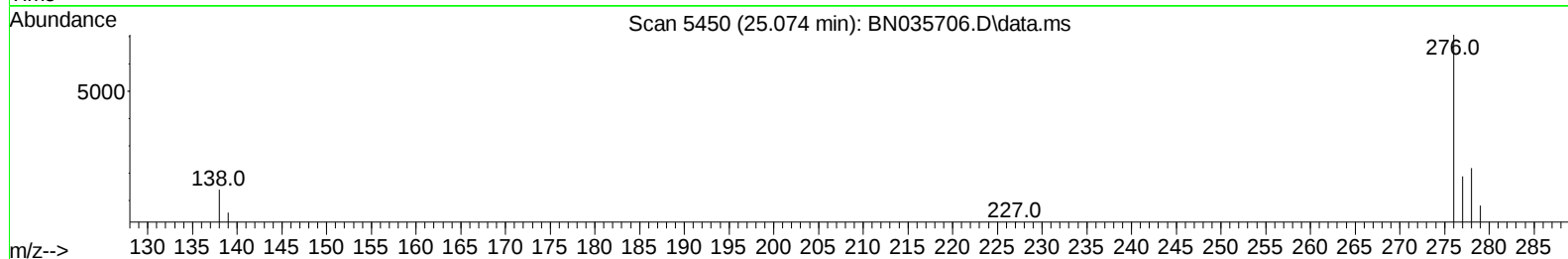
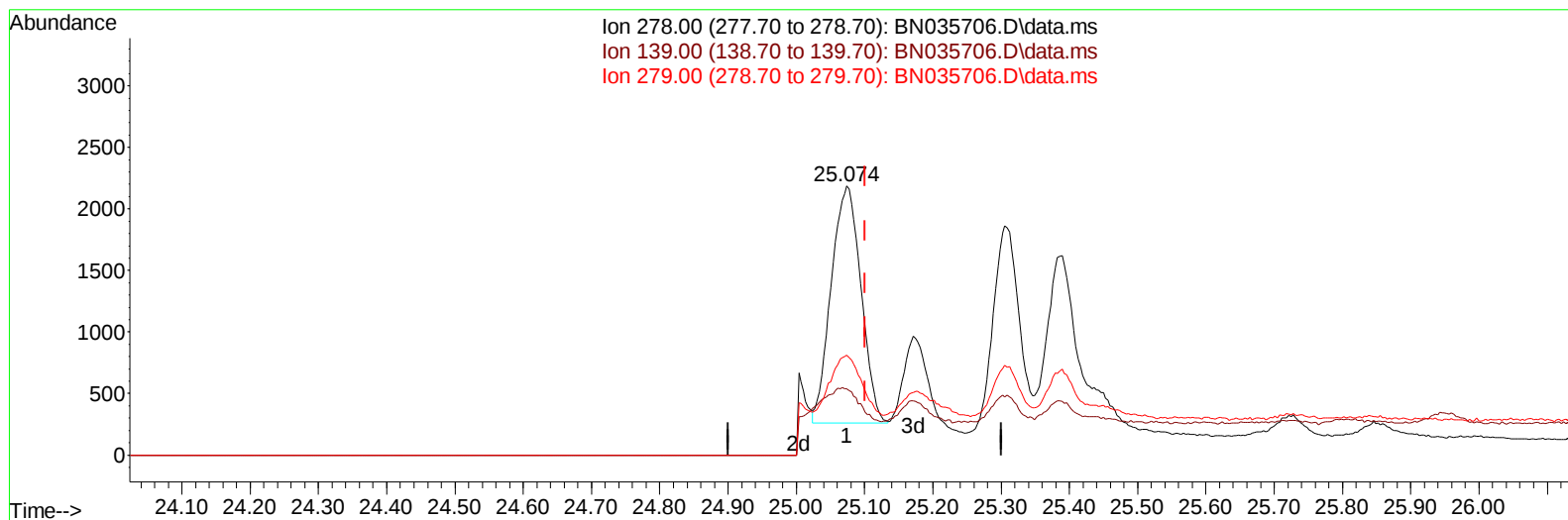
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035706.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.16 ng/ul m

response 5831

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	24.67
279.00	30.00	37.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035706.D
 Acq On : 19 Dec 2024 15:05
 Operator : RC/JU
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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 16:12:33 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9575	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	7085	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	14883	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	12779	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13857m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2429	0.748	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	630	0.046	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1437	0.038	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.069	128	2117m	0.090	ng/ul	
7) 2-Methylnaphthalene	11.703	142	480	0.030	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	391	0.024	ng/ul	99
11) Acenaphthene	14.000	153	3113	0.150	ng/ul	99
12) Fluorene	15.004	166	2221	0.092	ng/ul	99
15) Phenanthrene	16.747	178	40302	1.082	ng/ul	98
16) Anthracene	16.840	178	8335	0.239	ng/ul	100
19) Fluoranthene	18.791	202	80272	1.756	ng/ul	99
20) Pyrene	19.158	202	60403	1.200	ng/ul	99
21) Benzo(a)anthracene	20.938	228	33831	0.798	ng/ul	100
22) Chrysene	20.990	228	34566	0.786	ng/ul	99
24) Benzo(b)fluoranthene	22.434	252	50835m	1.245	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	20855m	0.462	ng/ul	
26) Benzo(a)pyrene	22.951	252	23395	0.592	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.064	276	21044m	0.437	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	5831m	0.159	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	3385	0.088	ng/ul#	84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035706.D
Acq On : 19 Dec 2024 15:05
Operator : RC/JU
Sample : P5258-10DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:12:33 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

