

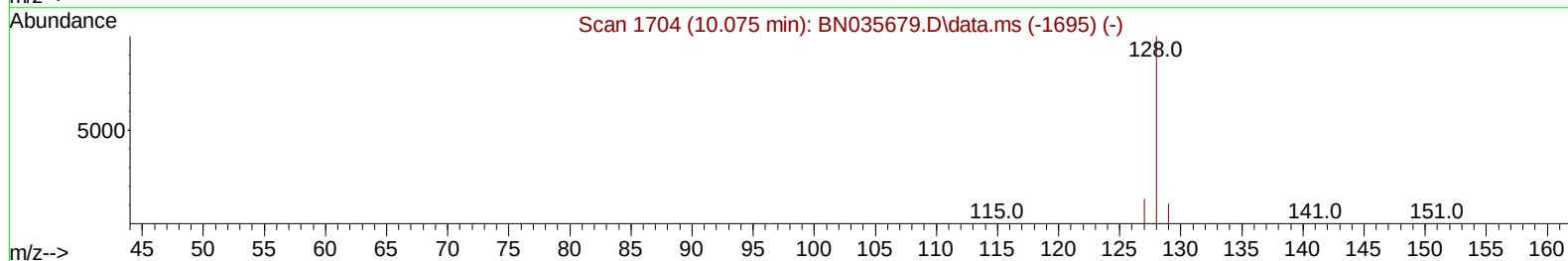
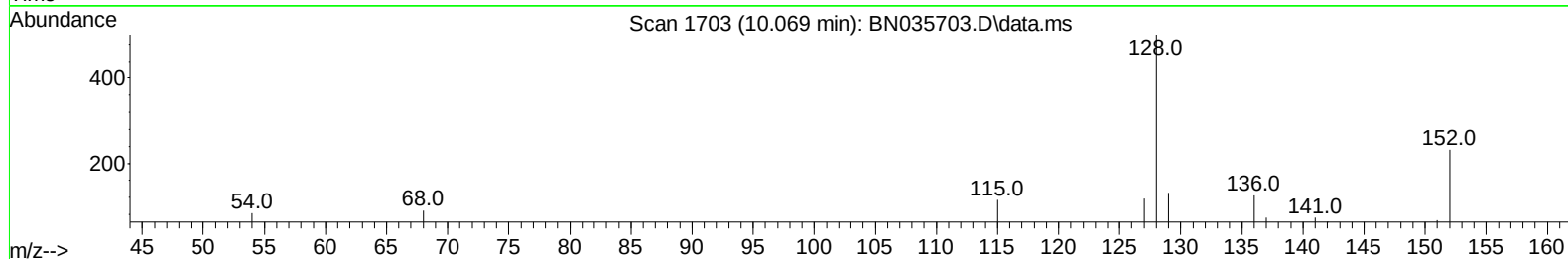
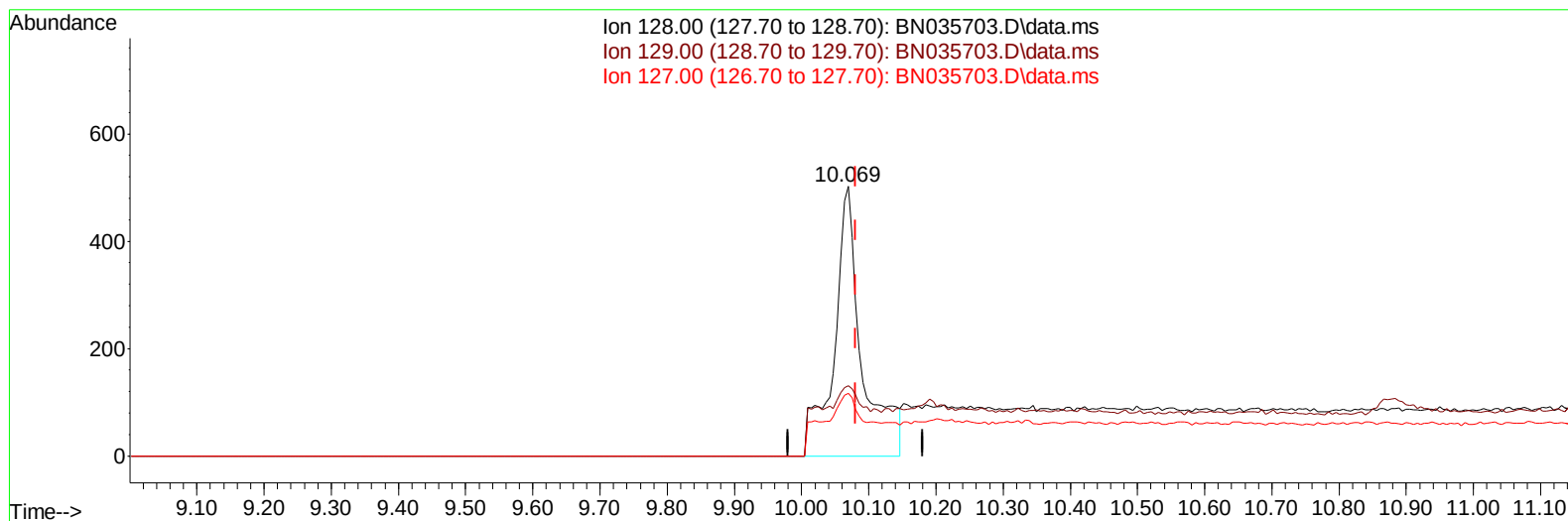
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 13:49:27 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: BN035703.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.06 ng/uL

response 1421

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	26.10#
127.00	15.00	23.31#
0.00	0.00	0.00

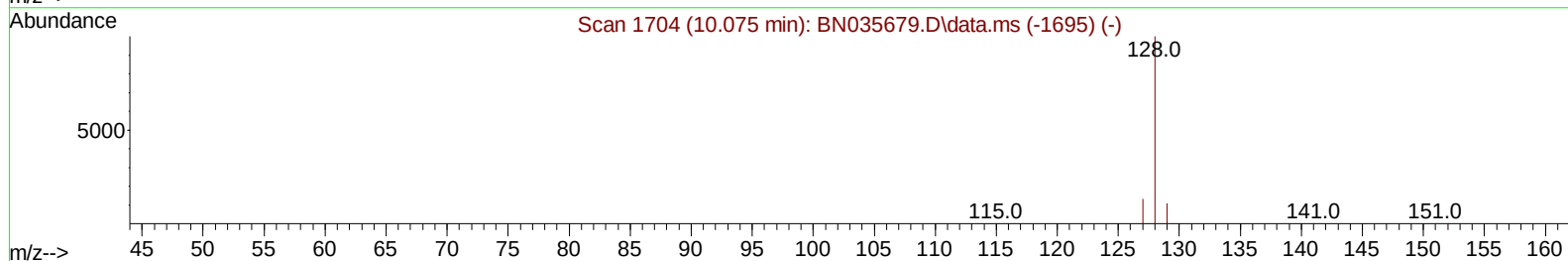
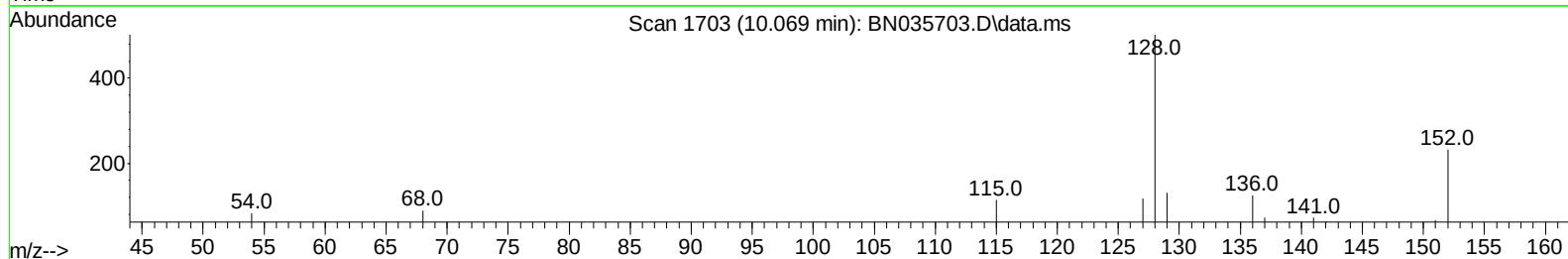
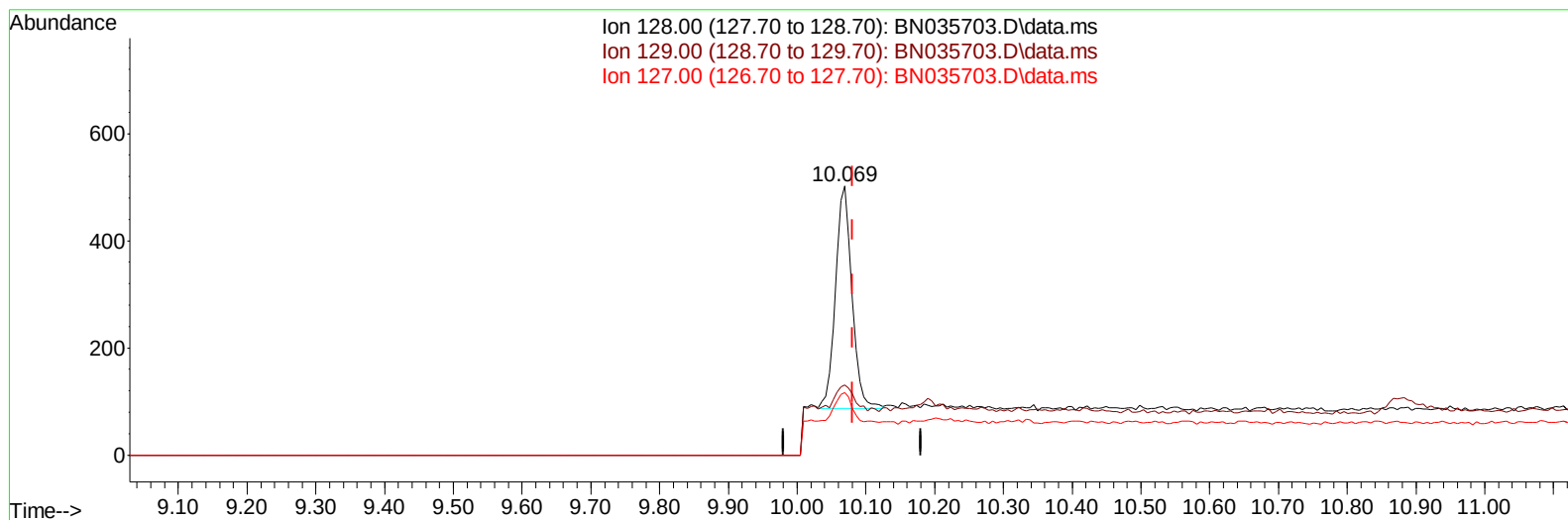
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035703.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.03 ng/ul m

response 687

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	26.10#
127.00	15.00	23.31#
0.00	0.00	0.00

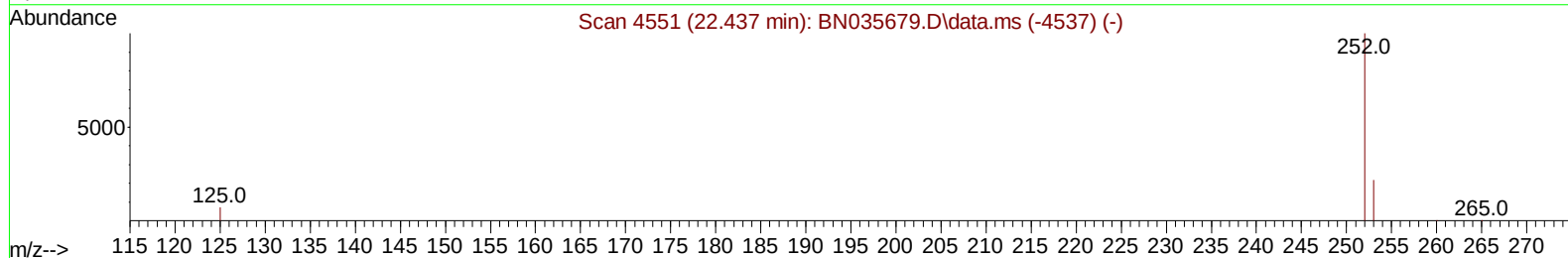
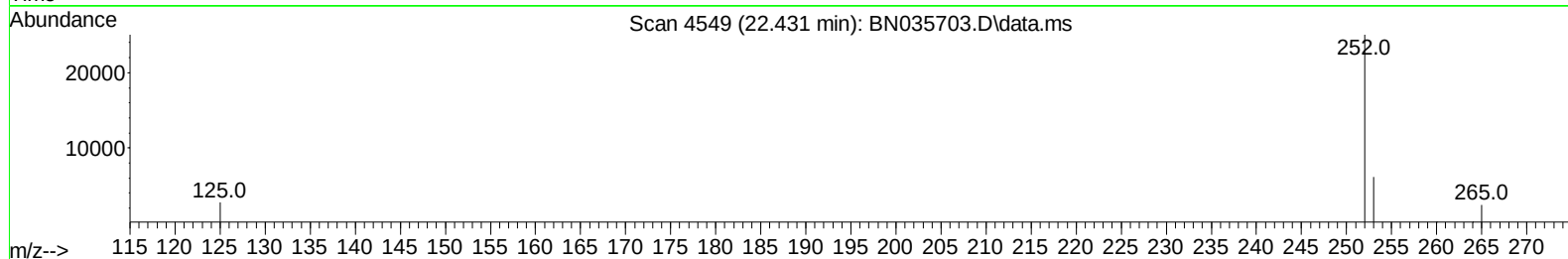
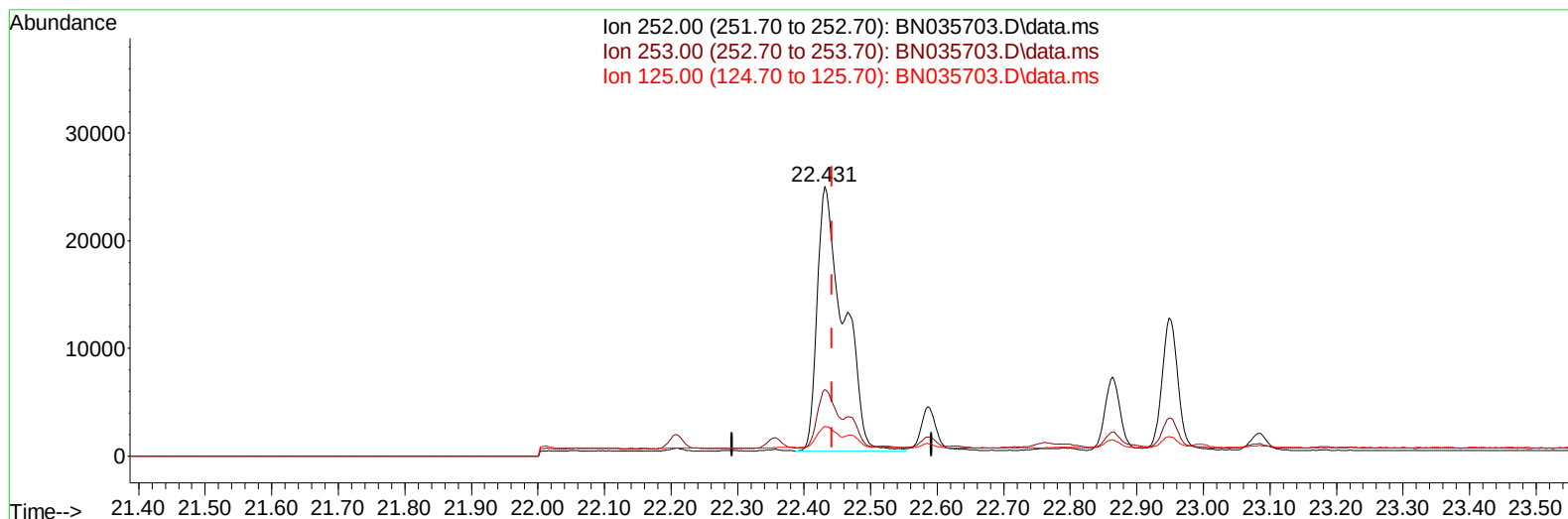
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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TIC: BN035703.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 1.94 ng/u l

response 67223

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.67
125.00	18.80	10.90
0.00	0.00	0.00

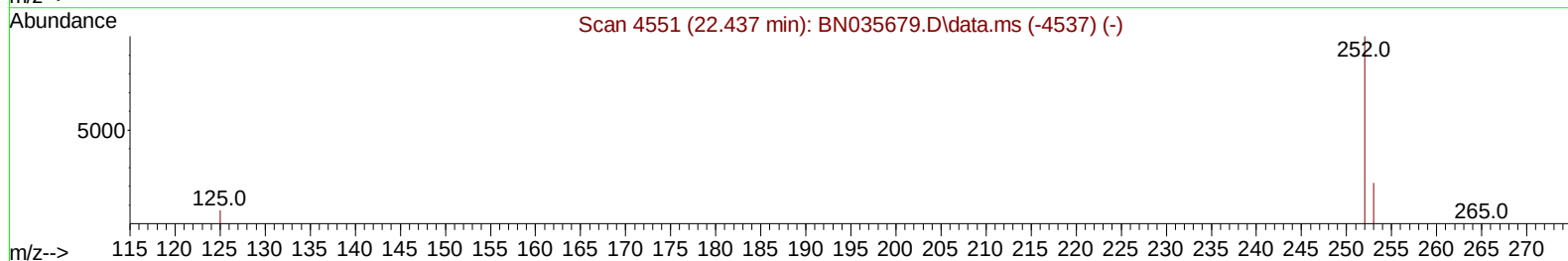
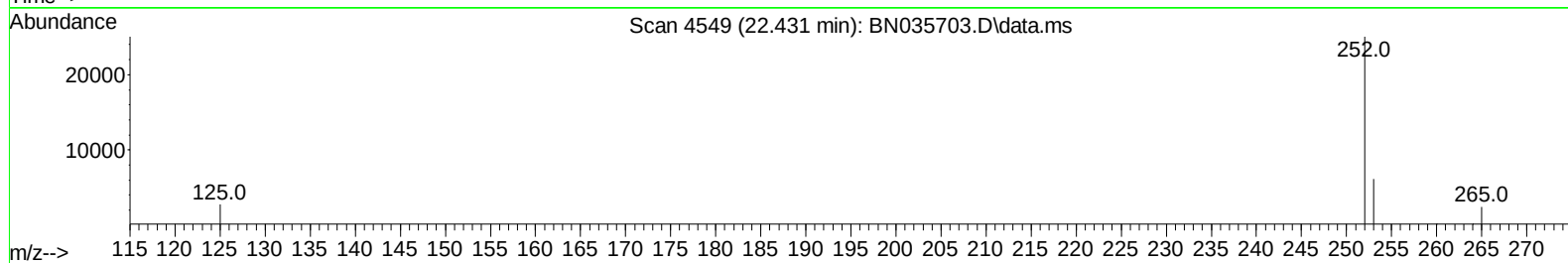
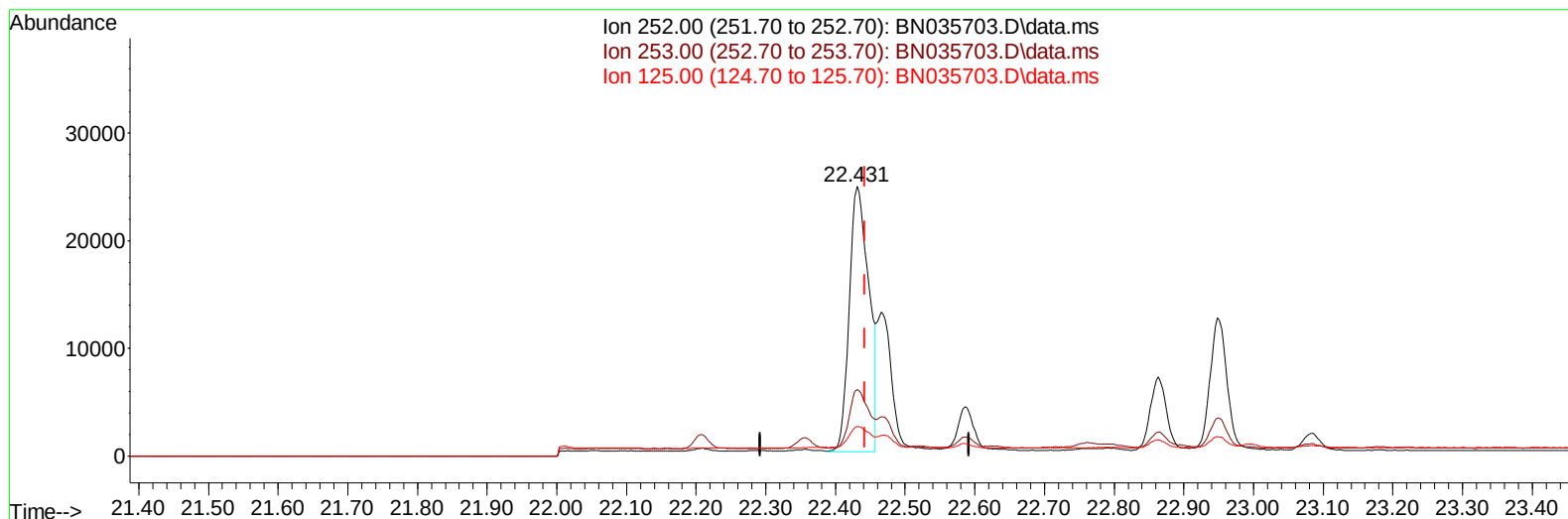
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 13:49:27 2024
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TIC: BN035703.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 1.40 ng/ul m

response 48554

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	24.67
125.00	18.80	10.90
0.00	0.00	0.00

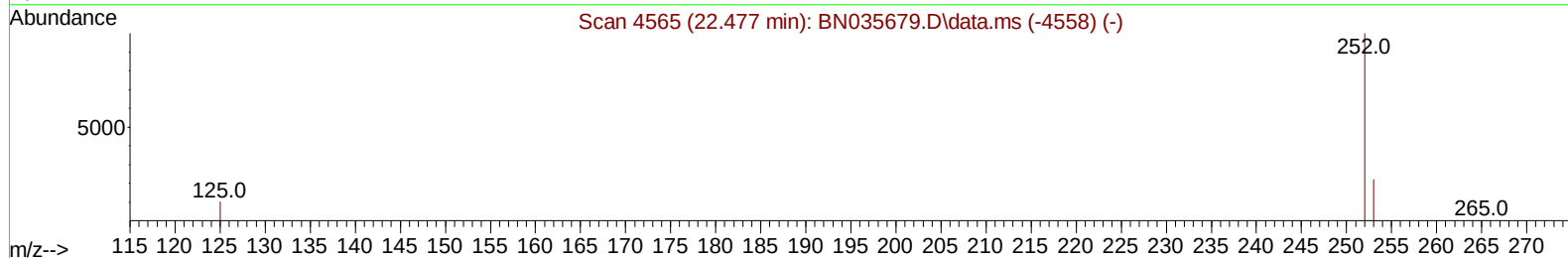
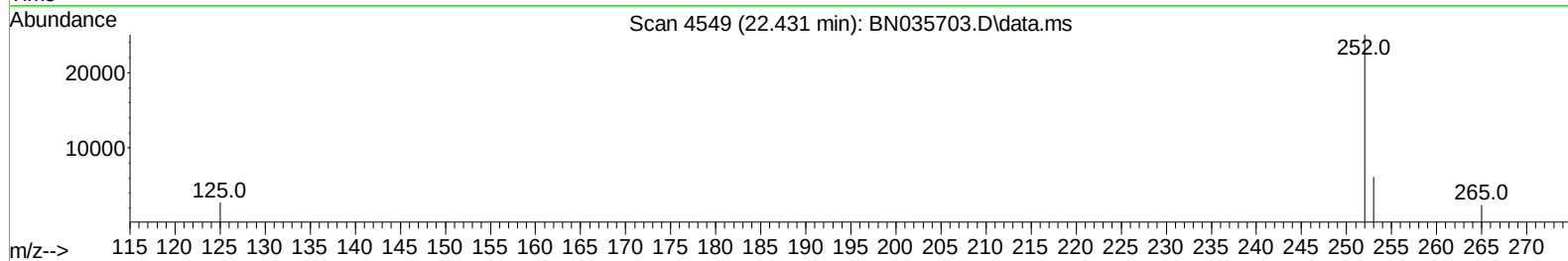
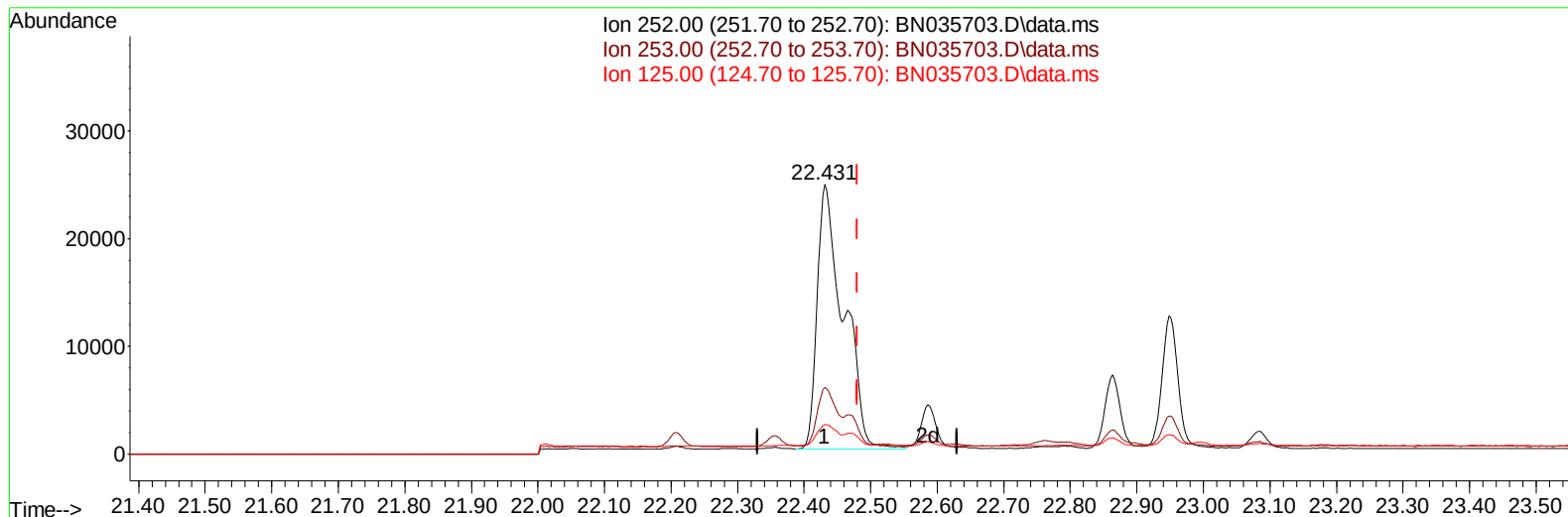
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Data File : BN035703.D
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Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035703.D\data.ms

(25) Benzo(k)fluoranthene

22.431min (-0.050) 1.76 ng/u l

response 67223

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.67
125.00	19.10	10.90#
0.00	0.00	0.00

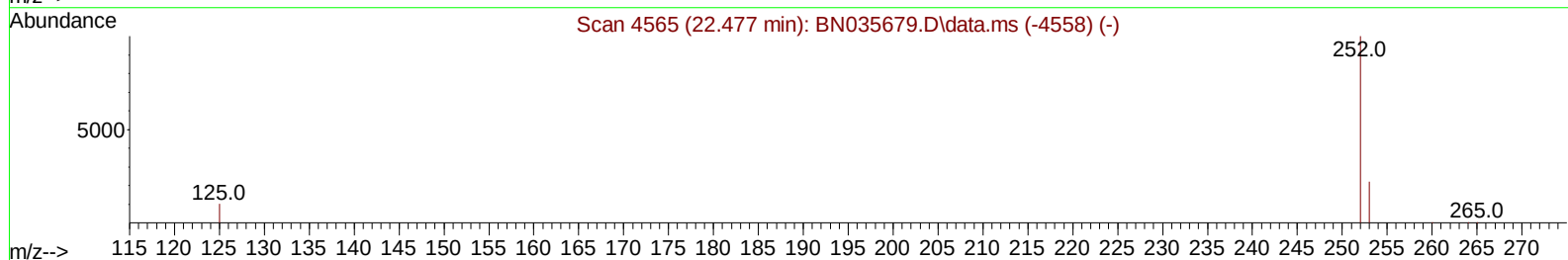
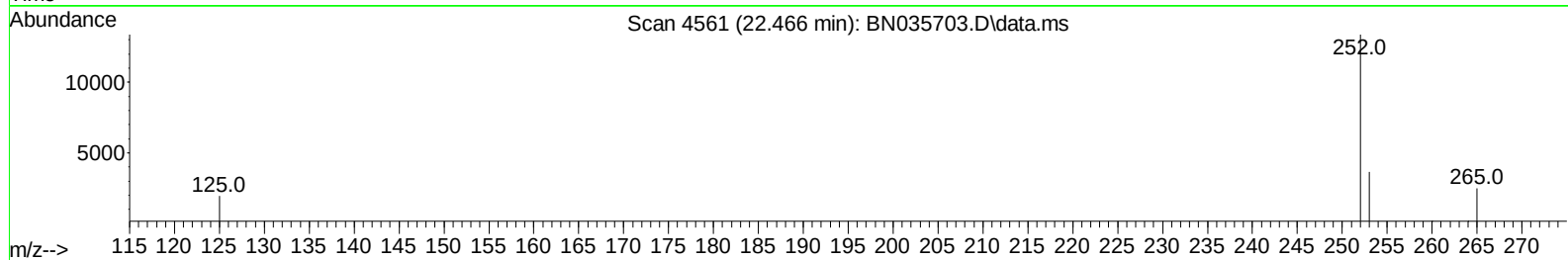
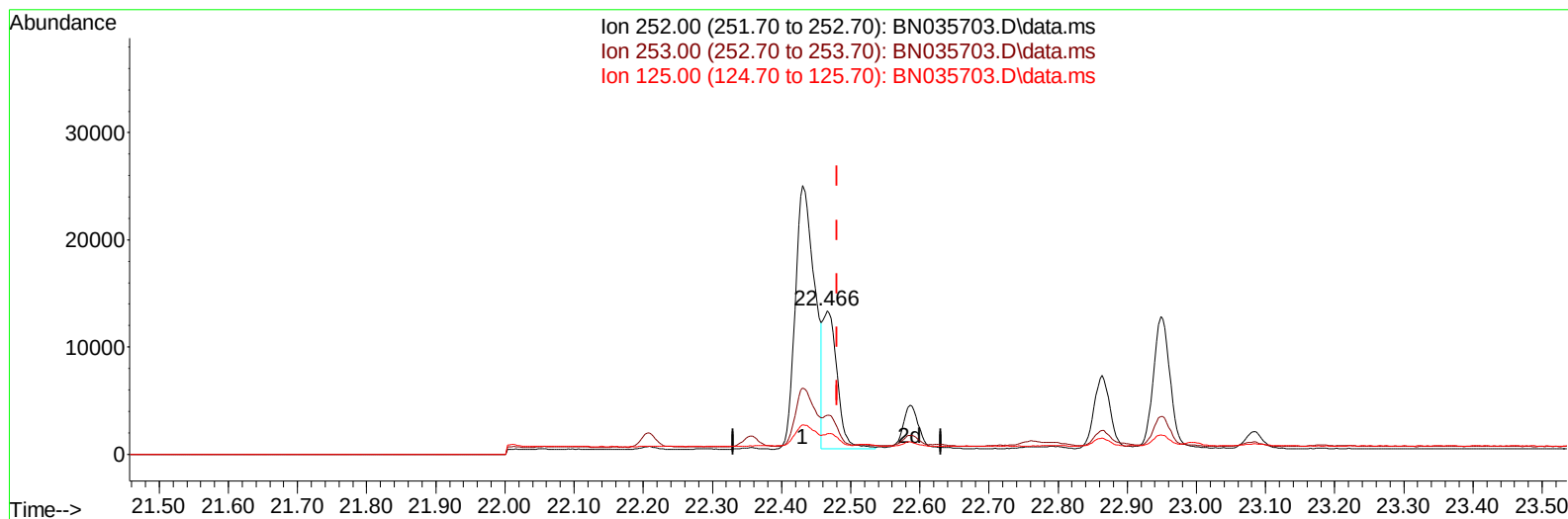
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1DL

Manual IntegrationsAPPROVED

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



TIC: BN035703.D\data.ms

(25) Benzo(k)fluoranthene

22.466min (-0.015) 0.48 ng/ul m

response 18500

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	27.38
125.00	19.10	14.46#
0.00	0.00	0.00

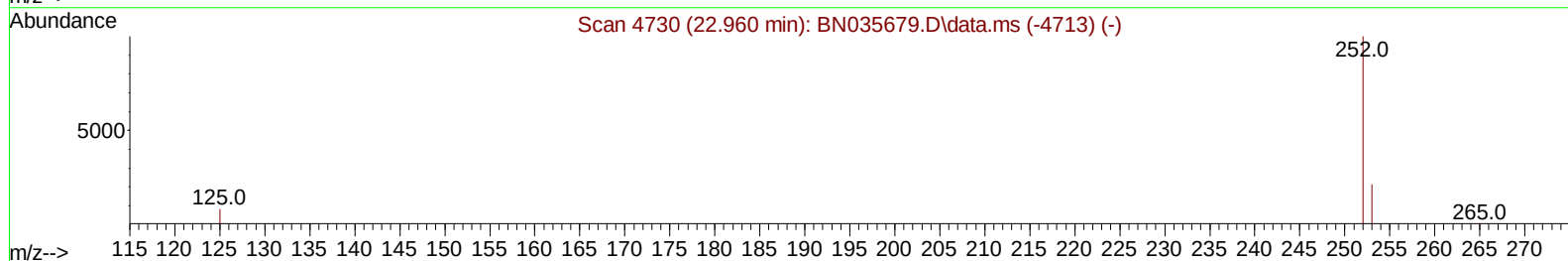
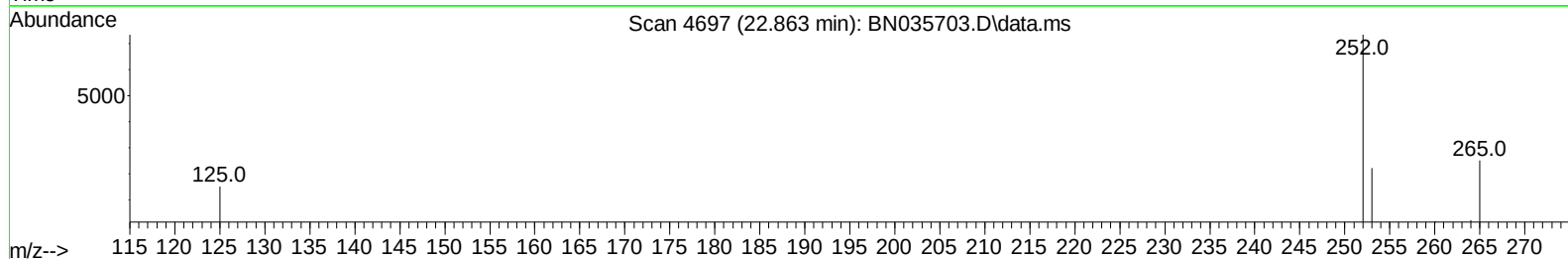
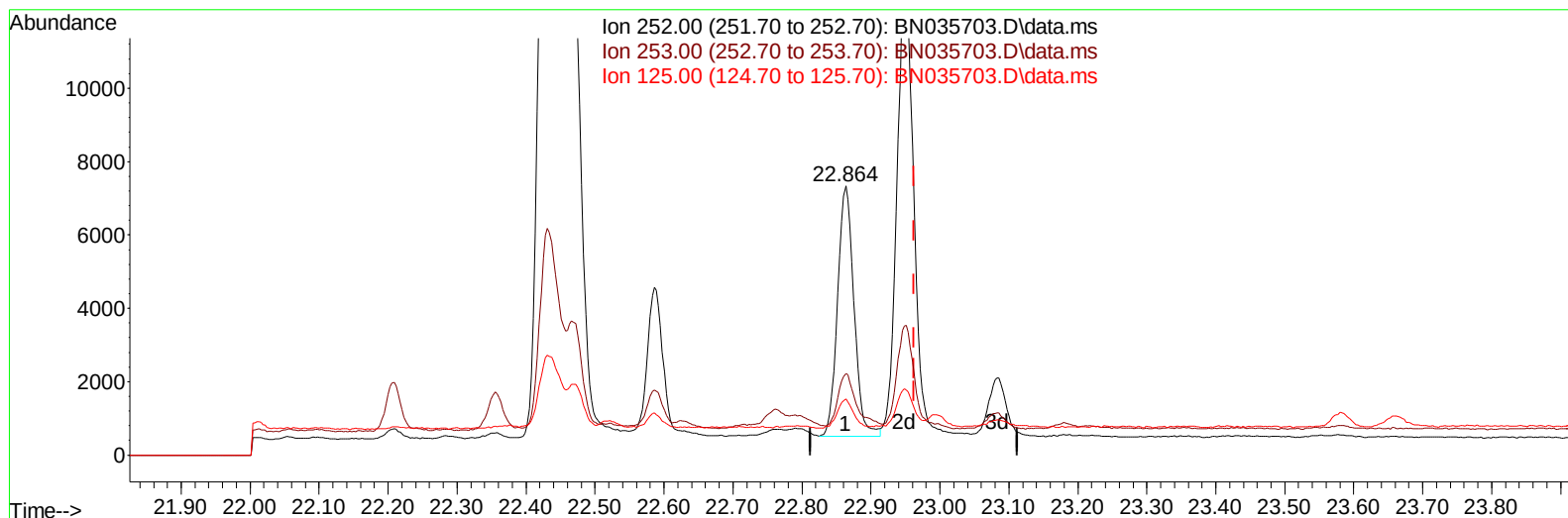
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1DL

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TIC: BN035703.D\data.ms

(26) Benzo(a)pyrene (C)

22.863min (-0.099) 0.34 ng/u1

response 11228

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	30.38
125.00	23.90	20.79
0.00	0.00	0.00

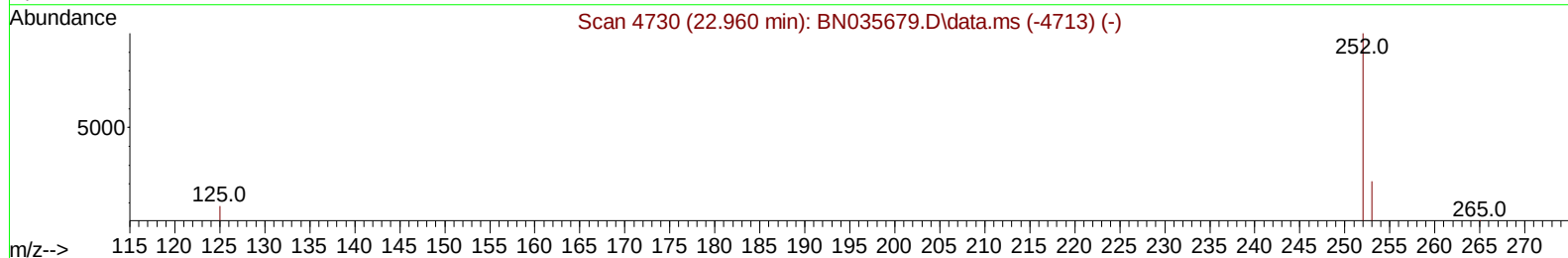
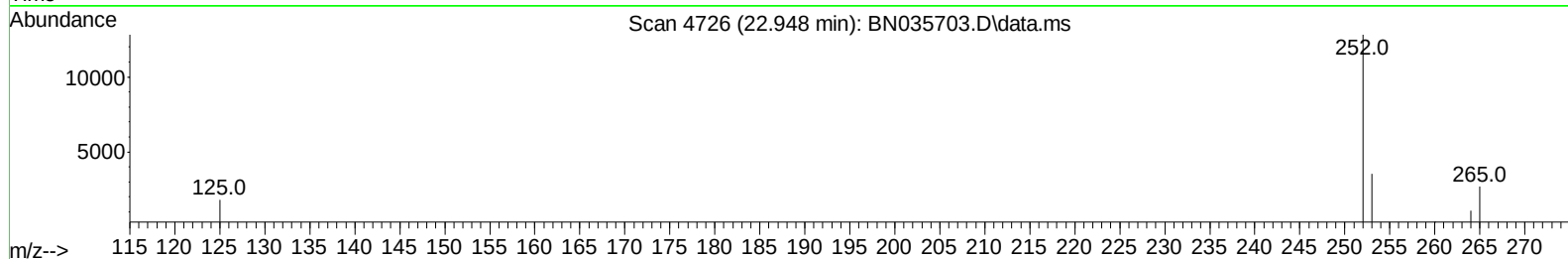
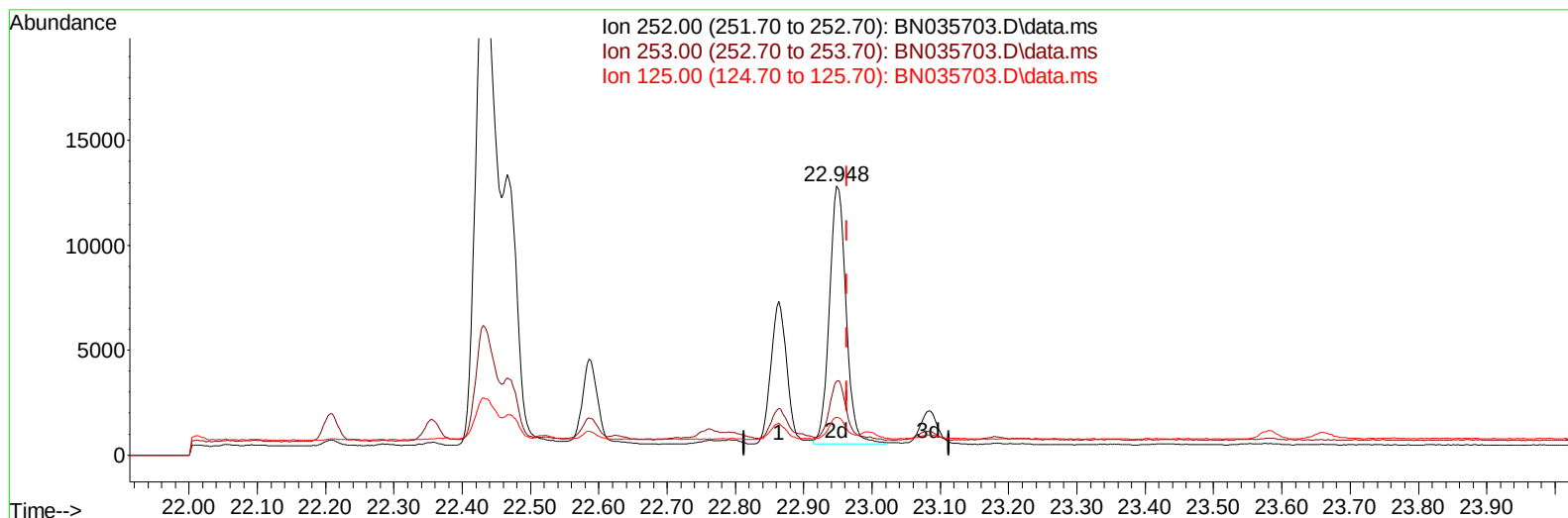
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035703.D
Acq On : 19 Dec 2024 13:17
Operator : RC/JU
Sample : P5258-07DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 13:49:27 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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Response via : Initial Calibration

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



TIC: BN035703.D\data.ms

(26) Benzo(a)pyrene (C)

22.948min (-0.015) 0.63 ng/ul m

response 20963

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	27.50
125.00	23.90	14.11#
0.00	0.00	0.00

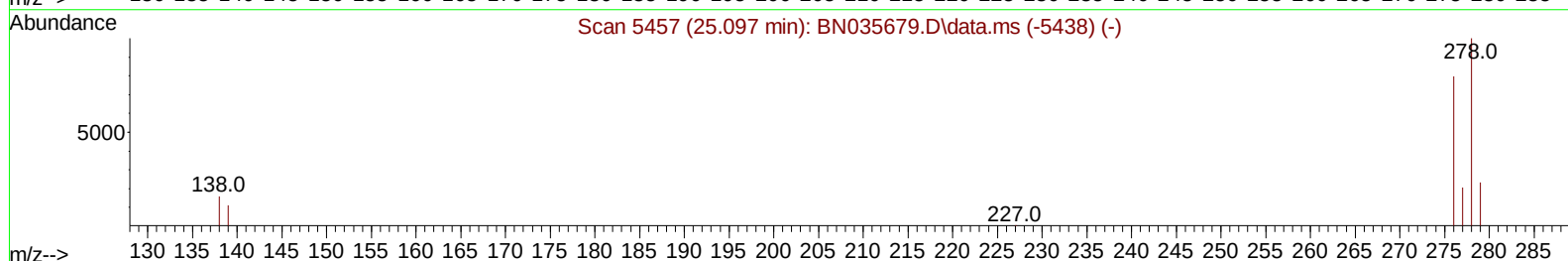
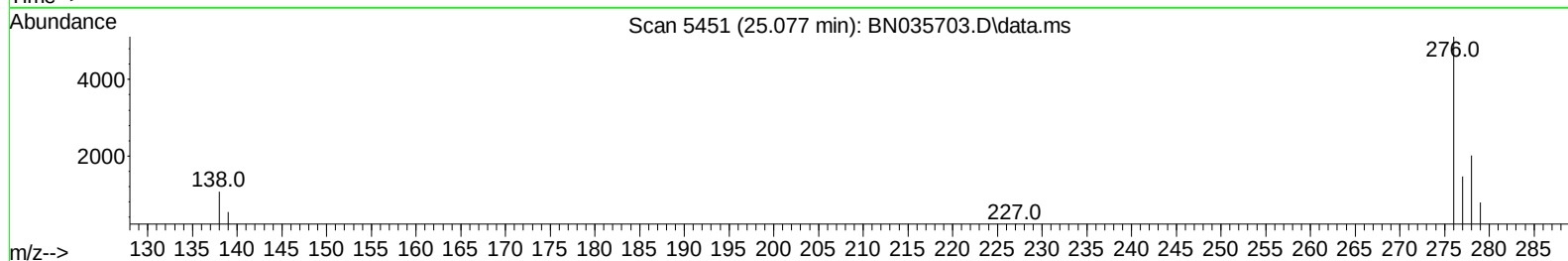
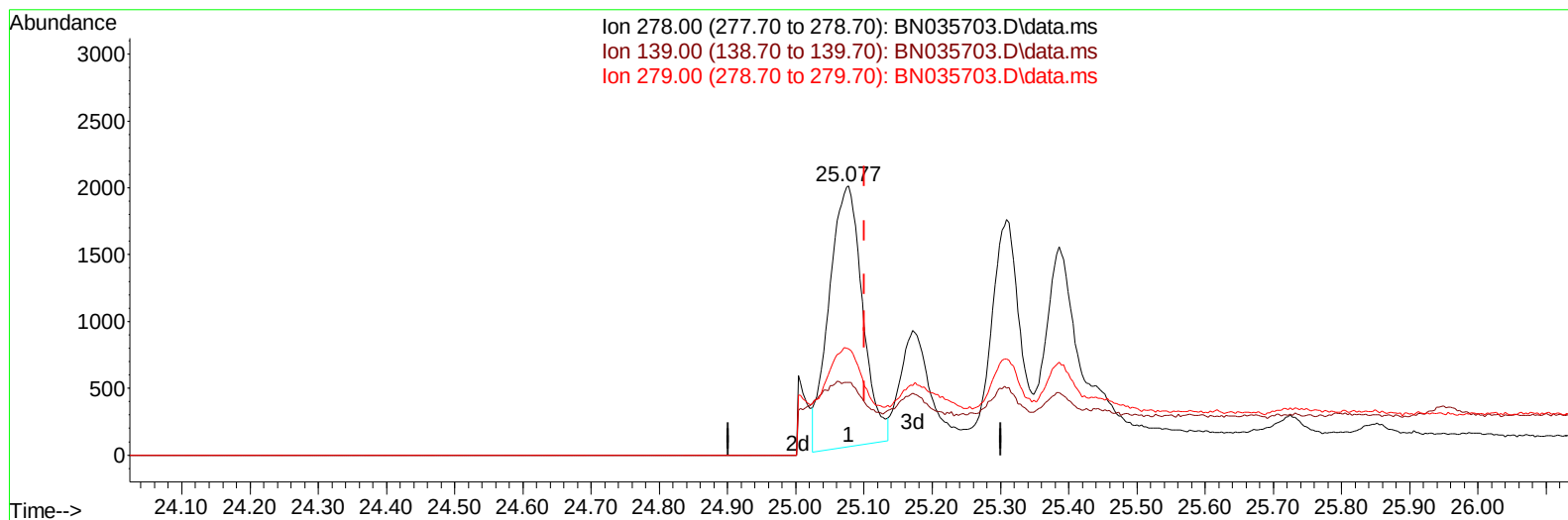
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035703.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.023) 0.21 ng/u1

response 6658

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	27.09
279.00	30.00	39.41#
0.00	0.00	0.00

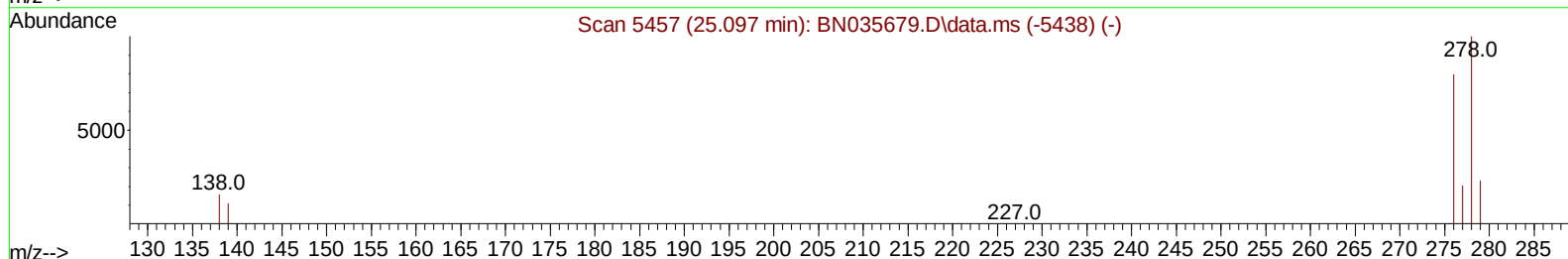
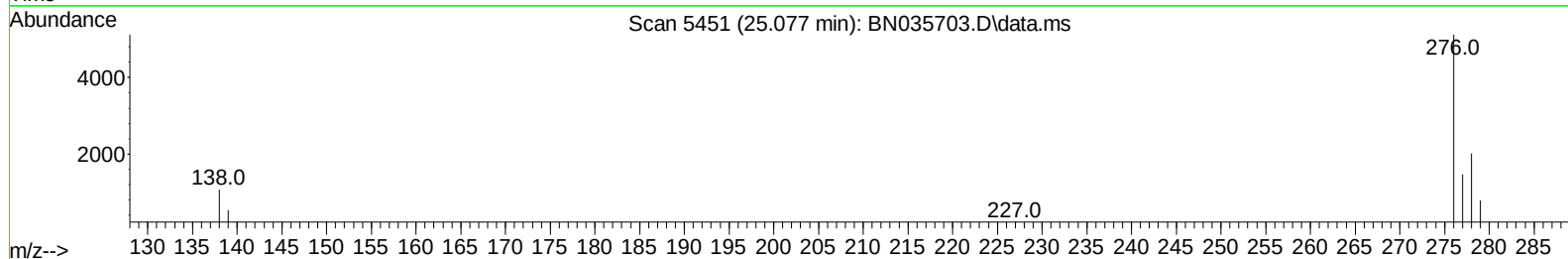
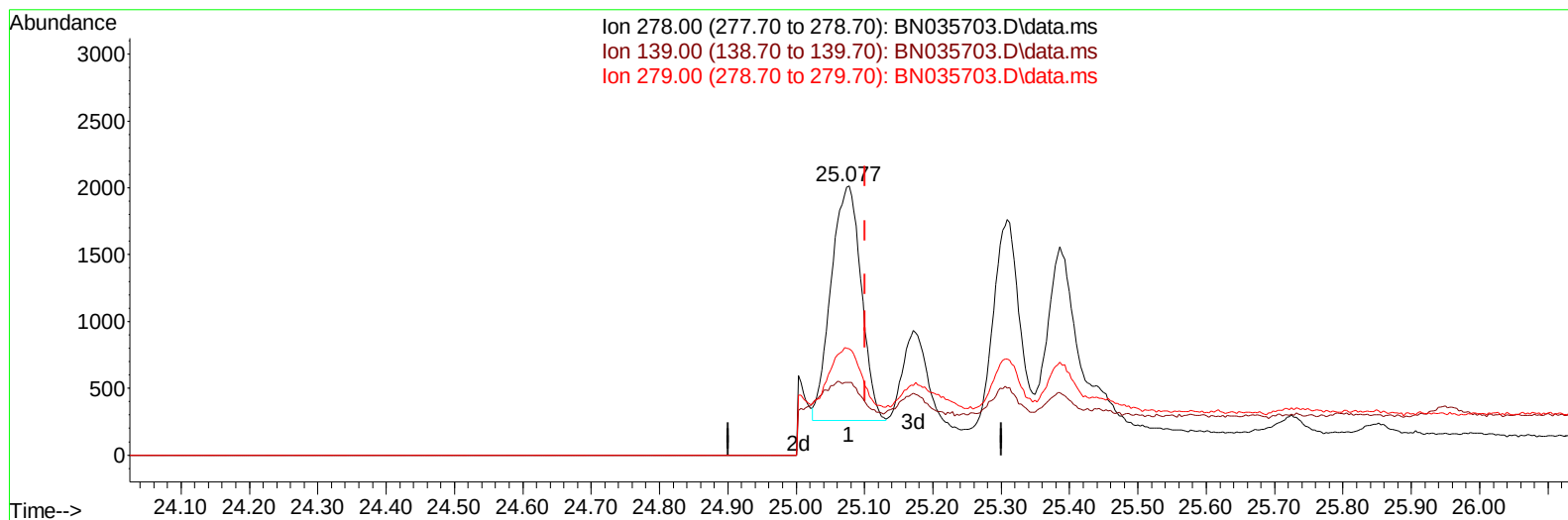
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Operator : RC/JU
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN035703.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.023) 0.17 ng/ul m

response 5362

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	27.09
279.00	30.00	39.41#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P5258-07DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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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	7.276	152	3513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9103	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	6291	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.705	188	12272	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	10735	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	11733	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2538	0.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	638	0.049	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1286	0.041	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.069	128	687m	0.031	ng/ul	
7) 2-Methylnaphthalene	11.697	142	468	0.031	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	421	0.027	ng/ul	99
10) Acenaphthylene	13.653	152	1617	0.066	ng/ul#	90
11) Acenaphthene	14.000	153	1922	0.104	ng/ul	98
12) Fluorene	15.004	166	2081	0.097	ng/ul#	98
15) Phenanthrene	16.747	178	41277	1.344	ng/ul	98
16) Anthracene	16.840	178	8731	0.304	ng/ul	99
19) Fluoranthene	18.791	202	88421	2.303	ng/ul	99
20) Pyrene	19.158	202	63695	1.506	ng/ul	99
21) Benzo(a)anthracene	20.938	228	39448	1.108	ng/ul	100
22) Chrysene	20.990	228	38029	1.029	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	48554m	1.404	ng/ul	
25) Benzo(k)fluoranthene	22.466	252	18500m	0.484	ng/ul	
26) Benzo(a)pyrene	22.948	252	20963m	0.626	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.061	276	18883	0.463	ng/ul#	61
28) Dibenzo(a,h)anthracene	25.077	278	5362m	0.172	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	2631	0.080	ng/ul#	74

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

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