

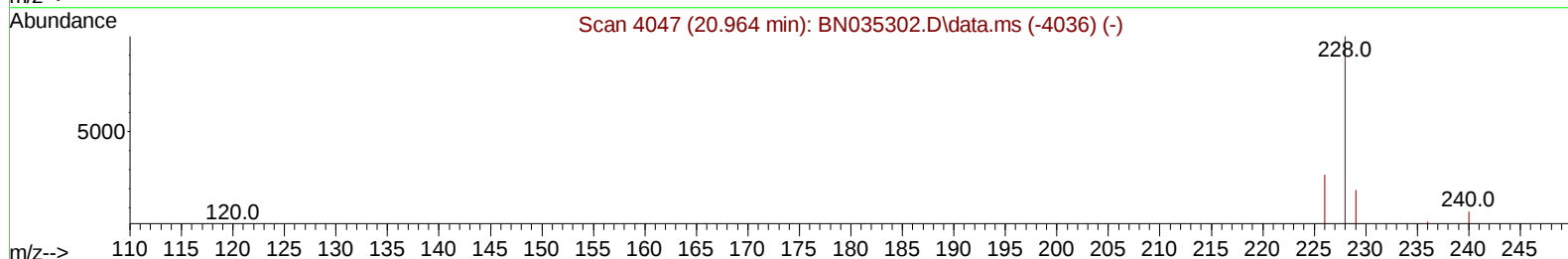
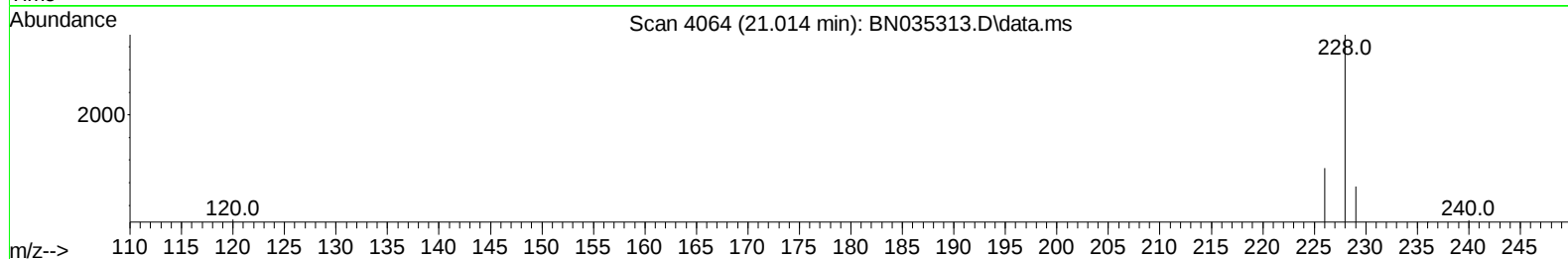
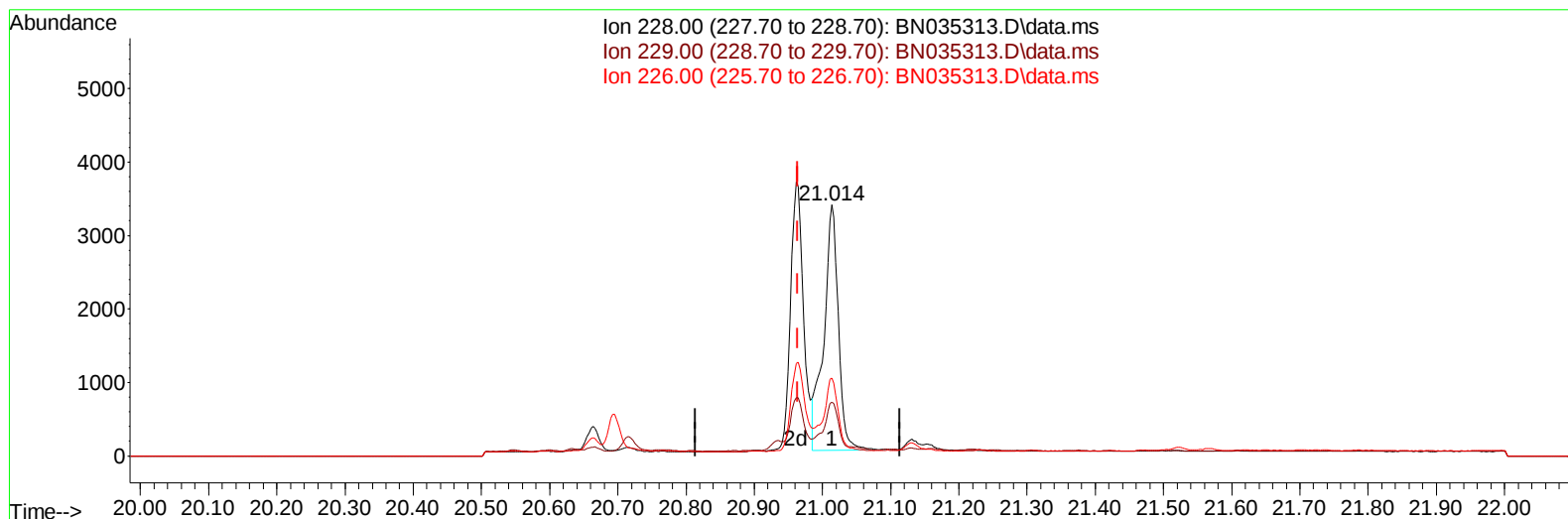
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035313.D
Acq On : 26 Nov 2024 13:03
Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:20 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 Nov 26 06:09:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035313.D\data.ms

(21) Benzo(a)anthracene

21.014min (+ 0.050) 0.21 ng/u1

response 5008

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	21.45
226.00	27.30	31.13
0.00	0.00	0.00

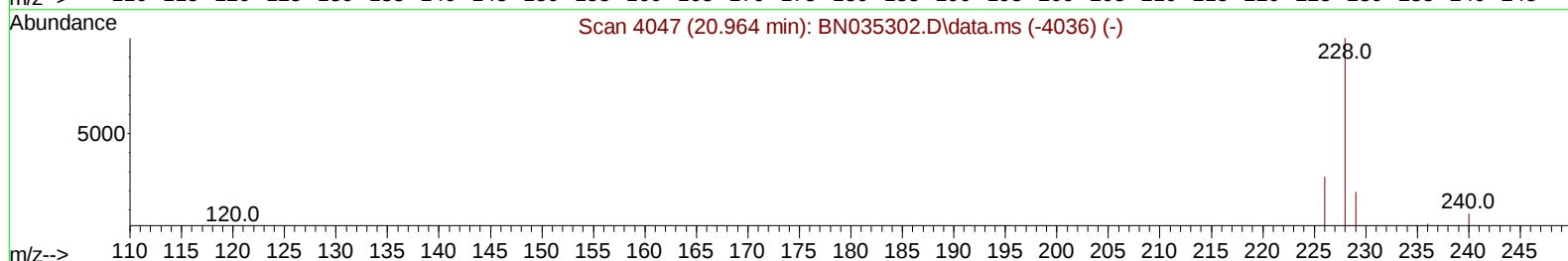
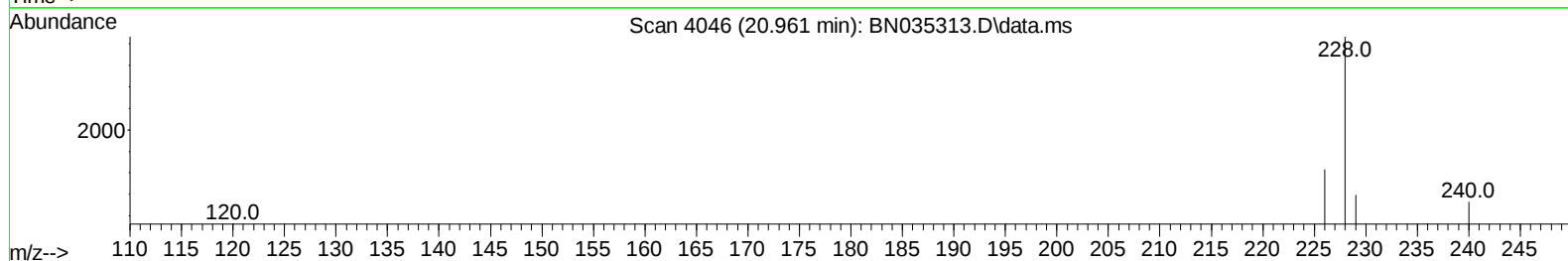
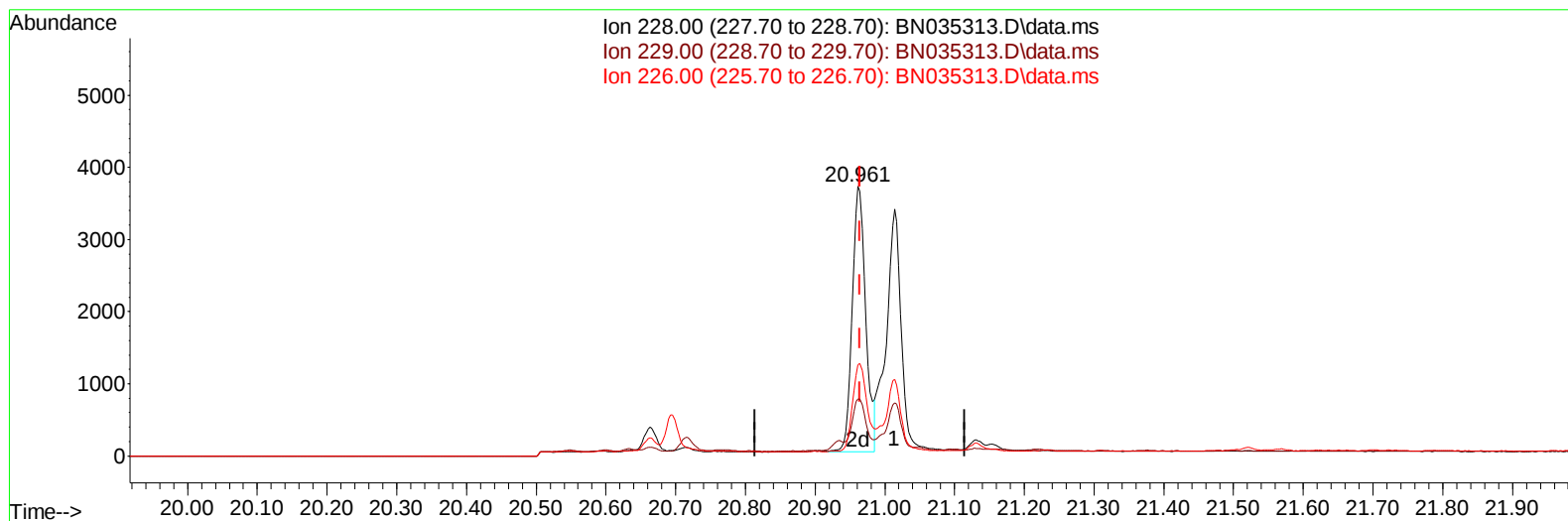
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TIC: BN035313.D\data.ms

(21) Benzo(a)anthracene

20.961min (-0.003) 0.20 ng/u1 m

response 4906

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	21.21
226.00	27.30	33.77#
0.00	0.00	0.00

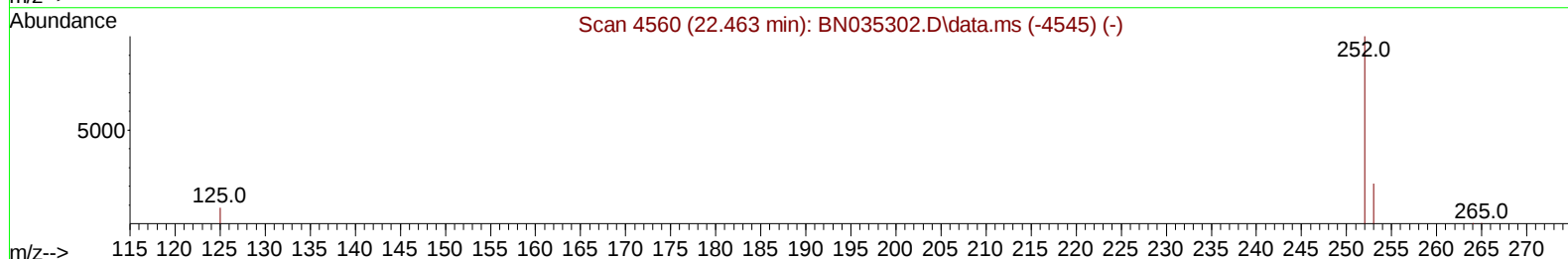
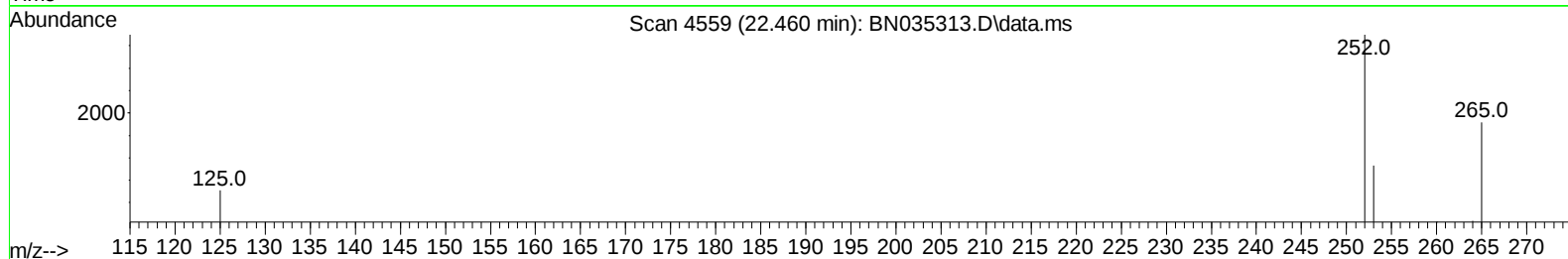
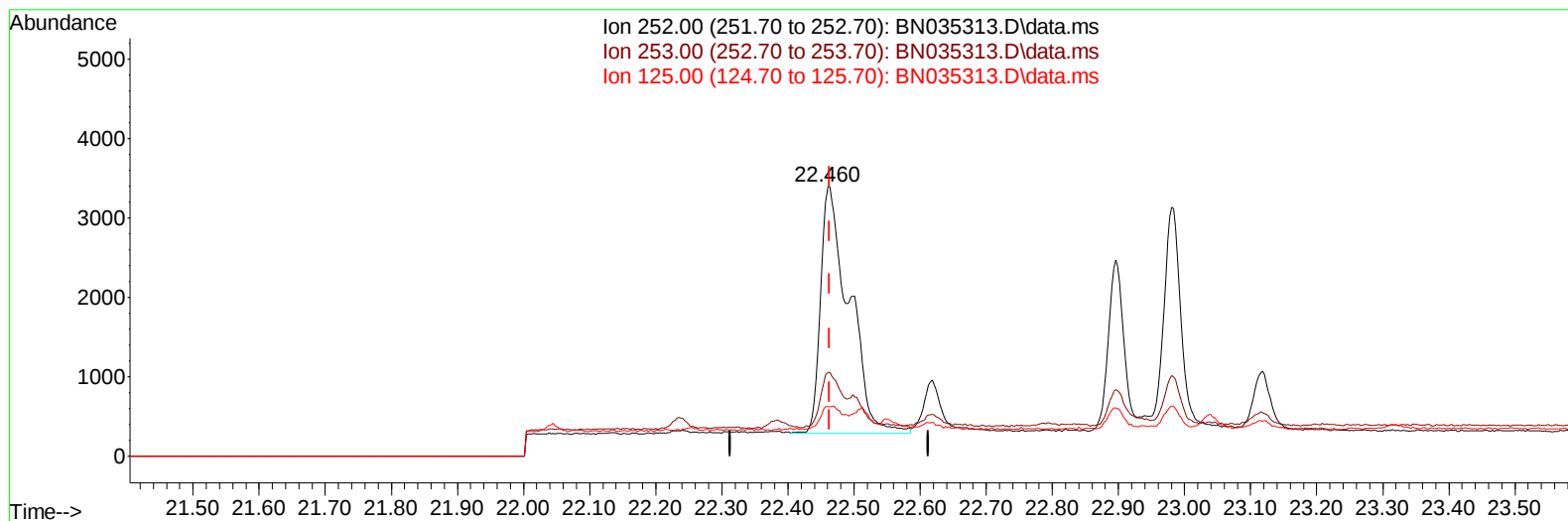
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035313.D
Acq On : 26 Nov 2024 13:03
Operator : RC/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035313.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.33 ng/u1

response 9256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.11
125.00	9.70	18.36
0.00	0.00	0.00

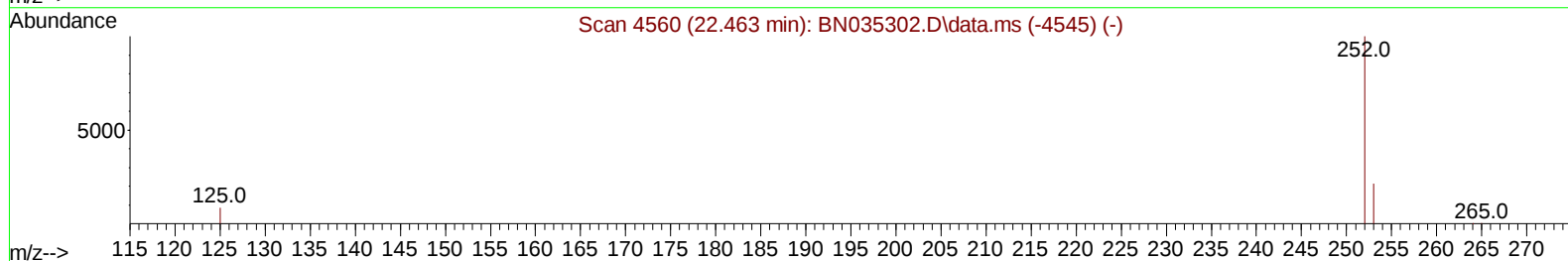
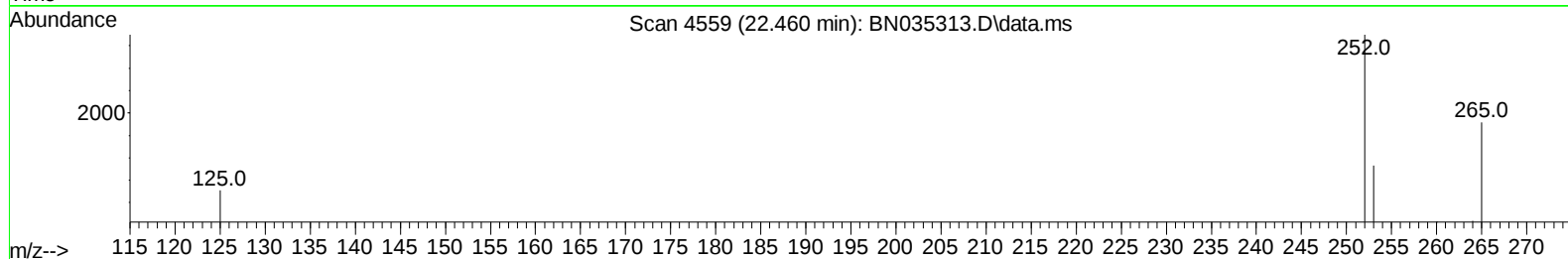
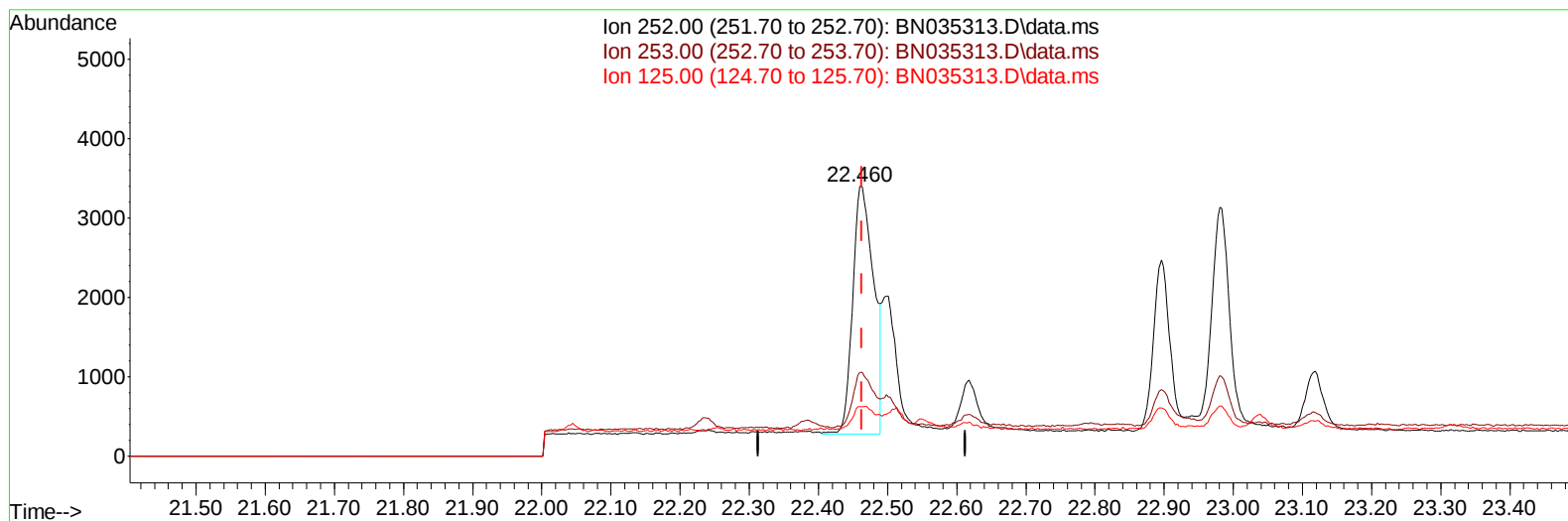
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035313.D
Acq On : 26 Nov 2024 13:03
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Sample : P4872-23DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035313.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.23 ng/u1 m

response 6593

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	31.11
125.00	9.70	18.36
0.00	0.00	0.00

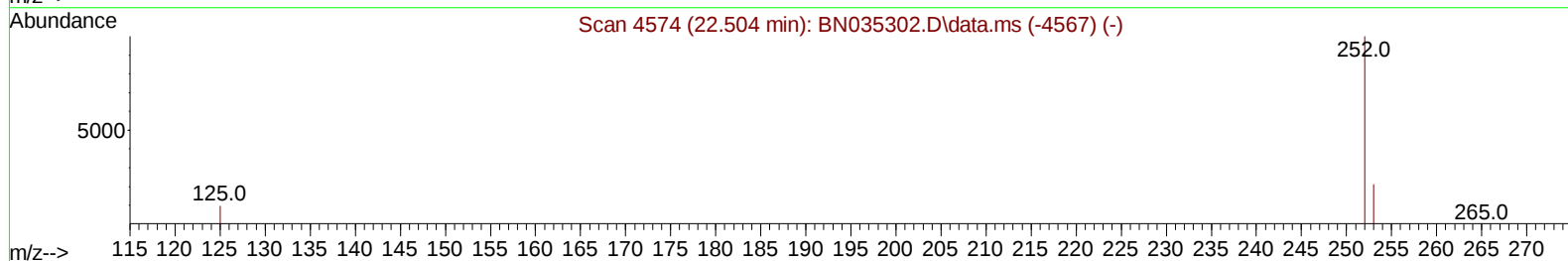
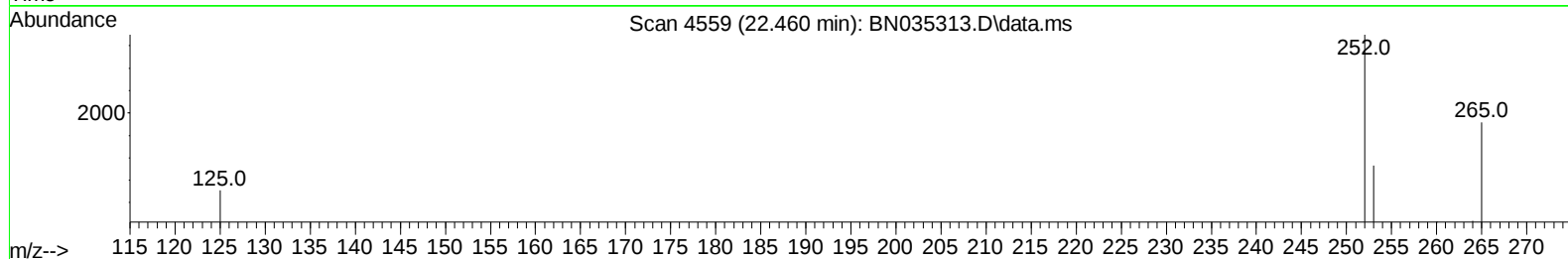
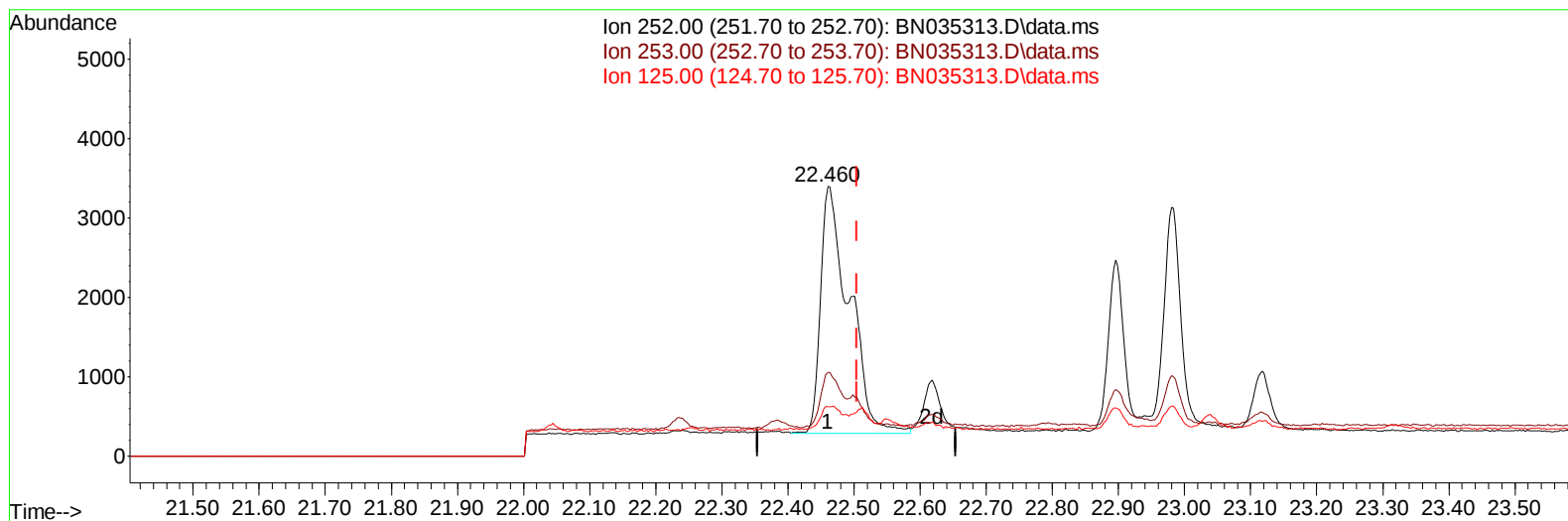
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035313.D\data.ms

(25) Benzo(k)fluoranthene

22.460min (-0.044) 0.32 ng/u1

response 9256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	31.11
125.00	10.70	18.36#
0.00	0.00	0.00

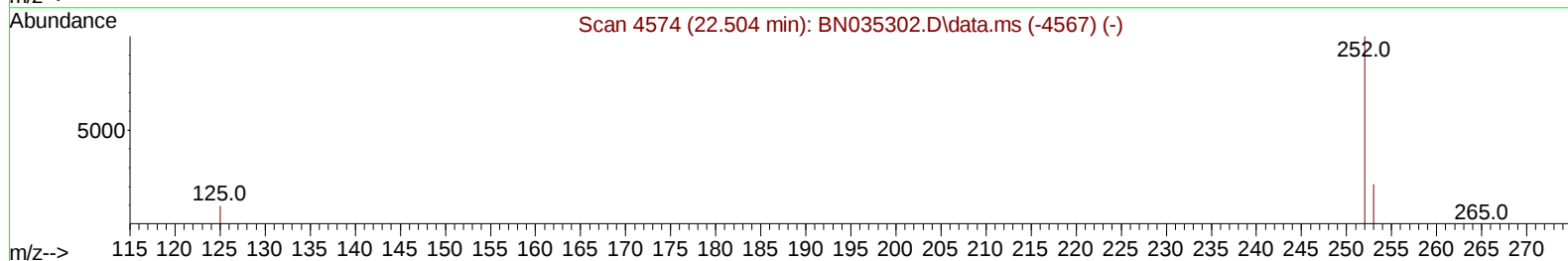
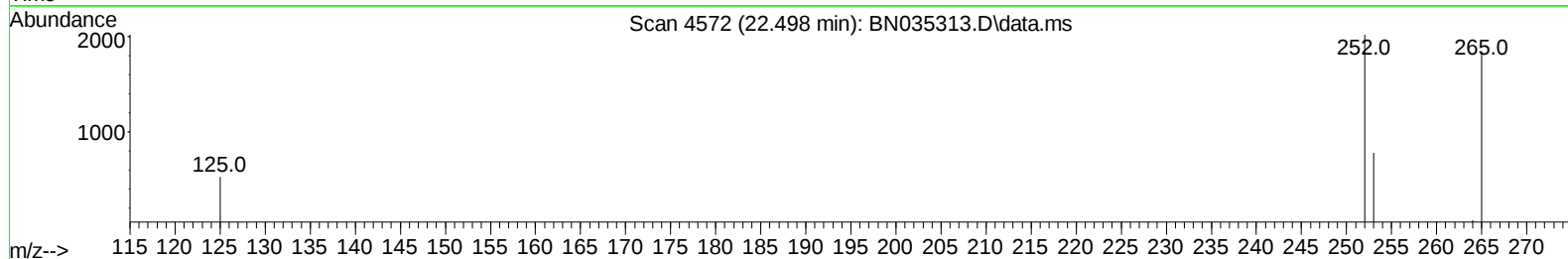
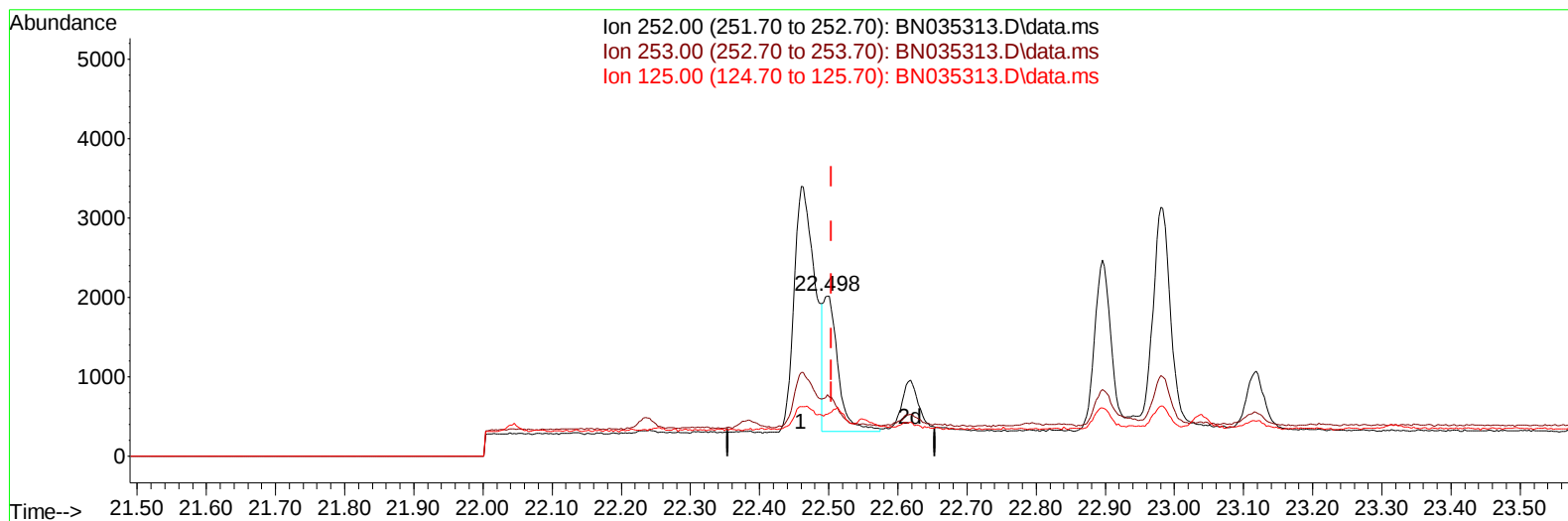
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Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
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TIC: BN035313.D\data.ms

(25) Benzo(k)fluoranthene

22.498min (-0.006) 0.09 ng/u1 m

response 2562

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	38.50#
125.00	10.70	26.21#
0.00	0.00	0.00

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 Acq On : 26 Nov 2024 13:03
 Operator : RC/JU
 Sample : P4872-23DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Z0DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
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 QLast Update : Tue Nov 26 06:09:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	10101	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	5471	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9828	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	6934	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	8524	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	2098	0.579	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	409	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	700	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	1563	0.072	ng/ul#	90
12) Fluorene	15.036	166	564	0.029	ng/ul#	93
15) Phenanthrene	16.776	178	7324	0.282	ng/ul	98
16) Anthracene	16.869	178	1796	0.074	ng/ul#	92
19) Fluoranthene	18.819	202	11476	0.475	ng/ul#	94
20) Pyrene	19.181	202	10450	0.416	ng/ul#	89
21) Benzo(a)anthracene	20.961	228	4906m	0.204	ng/ul	
22) Chrysene	21.014	228	4957	0.205	ng/ul	99
24) Benzo(b)fluoranthene	22.460	252	6593m	0.234	ng/ul	
25) Benzo(k)fluoranthene	22.498	252	2562m	0.088	ng/ul	
26) Benzo(a)pyrene	22.981	252	4959	0.193	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.114	276	3721	0.107	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.121	278	1086	0.040	ng/ul#	24
29) Benzo(g,h,i)perylene	25.732	276	3283	0.120	ng/ul#	88

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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