

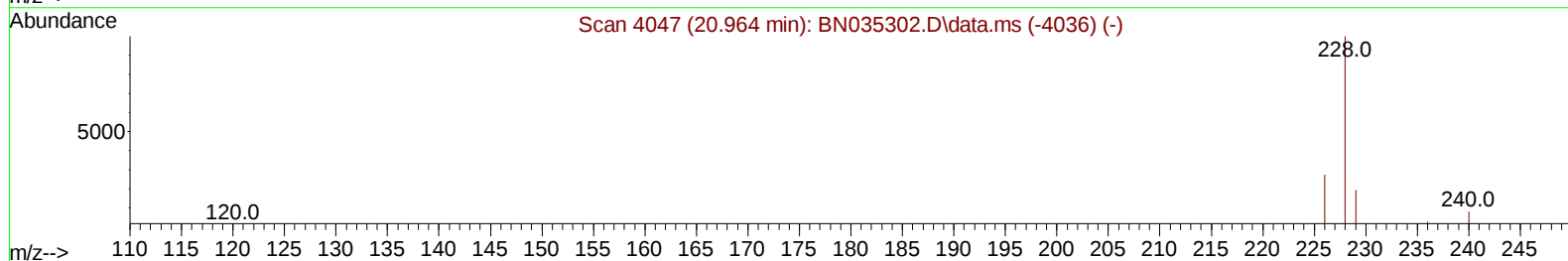
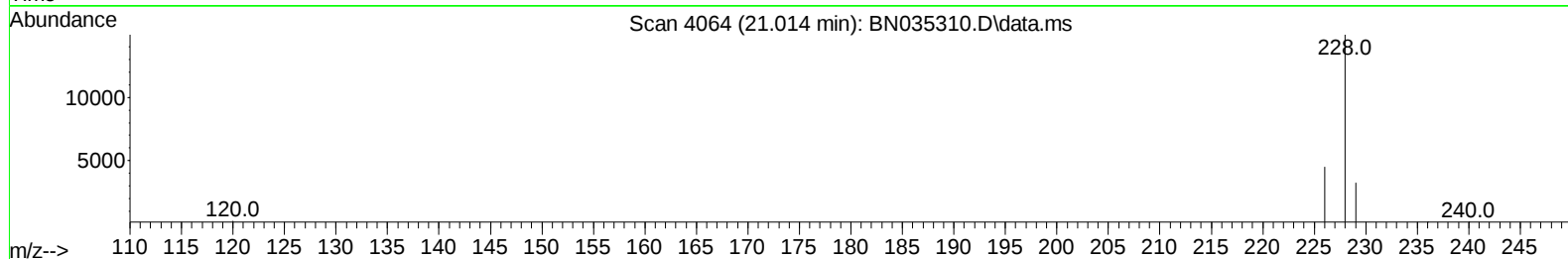
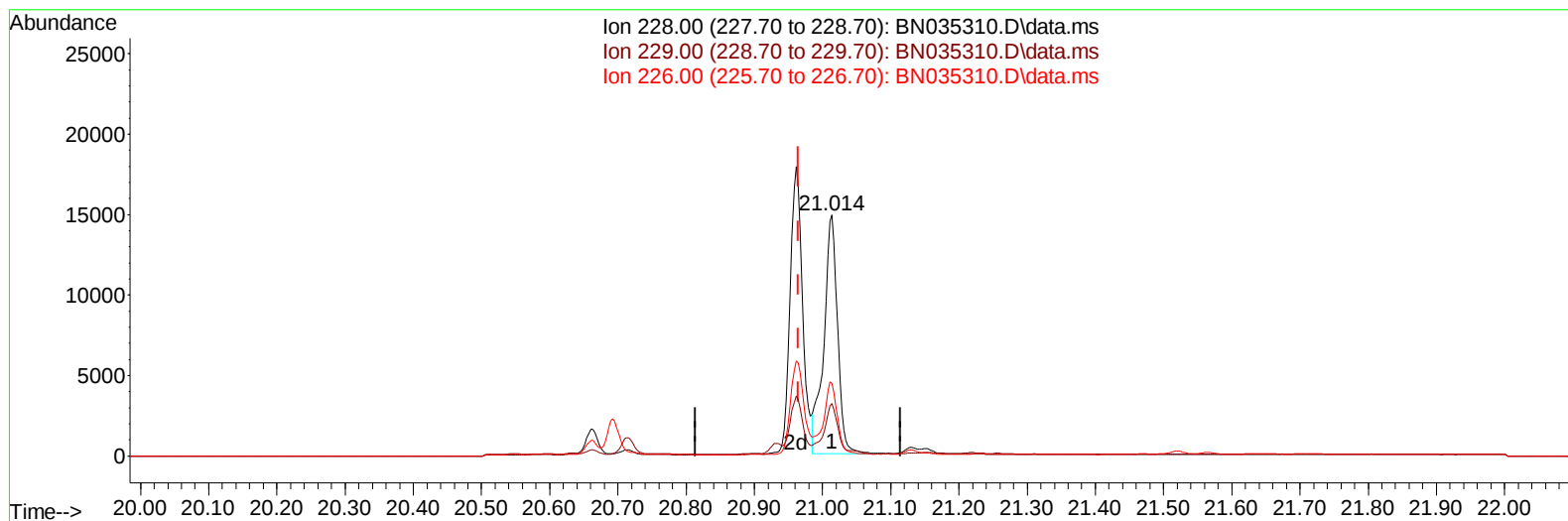
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035310.D
Acq On : 26 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:12:52 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: BN035310.D\data.ms

(21) Benzo(a)anthracene

21.014min (+ 0.049) 0.68 ng/u1

response 21015

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	21.74
226.00	27.30	30.20
0.00	0.00	0.00

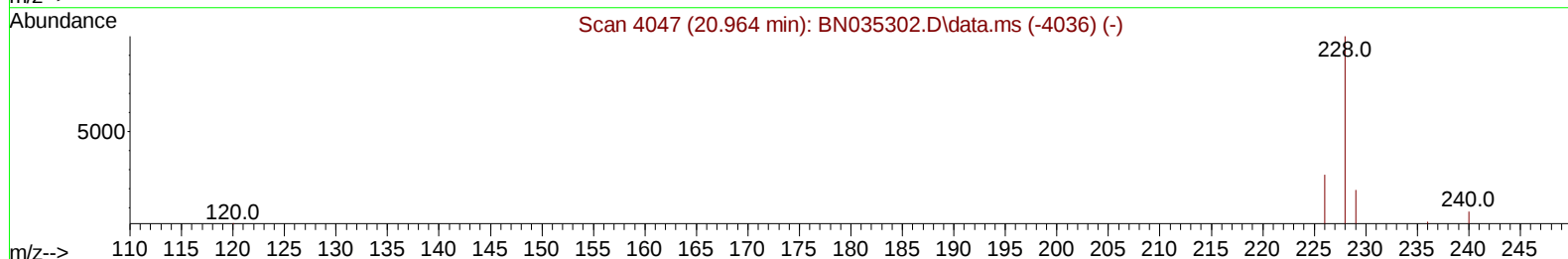
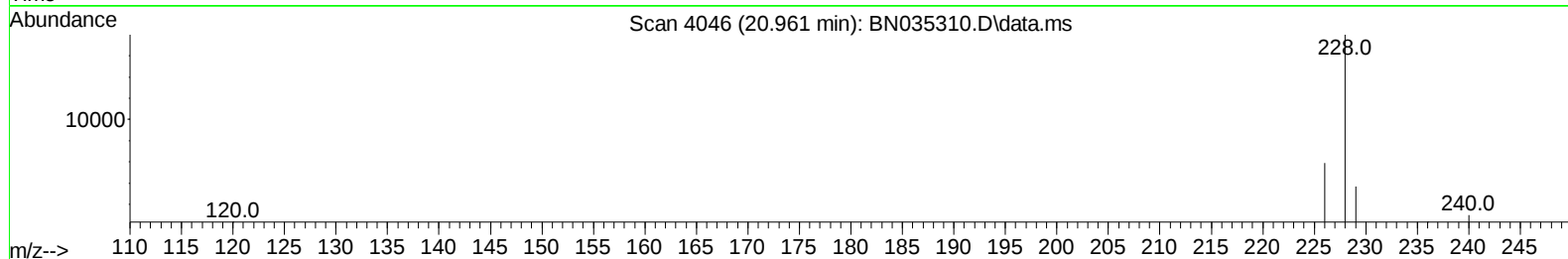
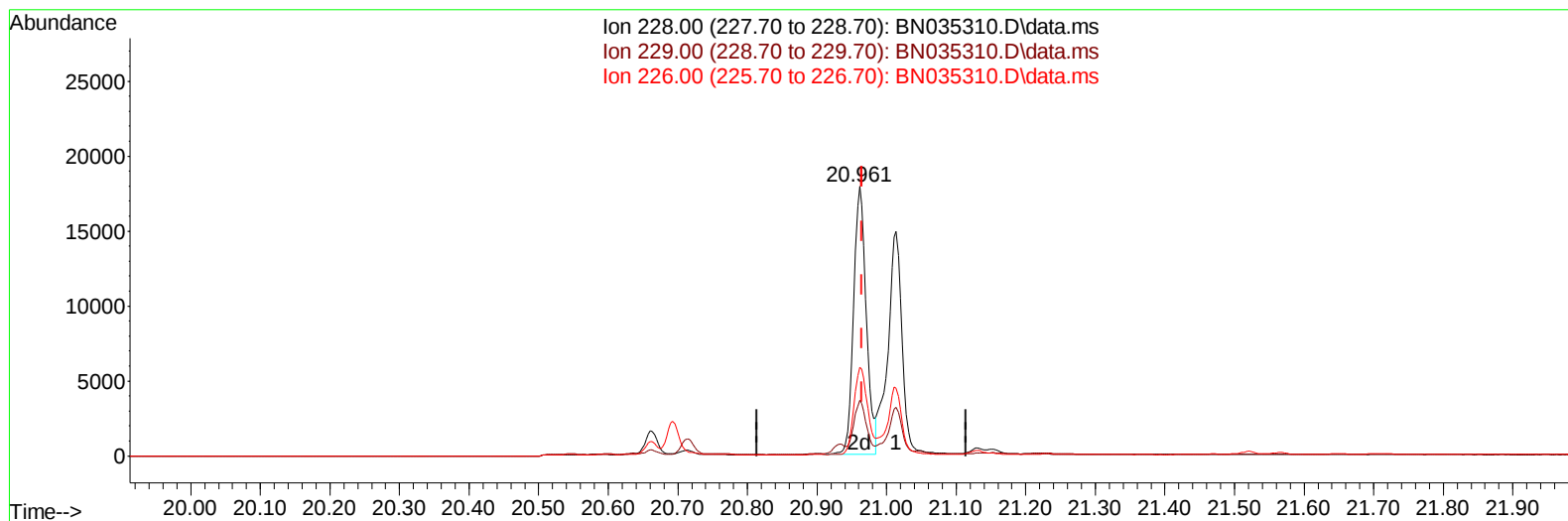
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TIC: BN035310.D\data.ms

(21) Benzo(a)anthracene

20.961min (-0.003) 0.74 ng/ul m

response 22861

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	20.71
226.00	27.30	32.97#
0.00	0.00	0.00

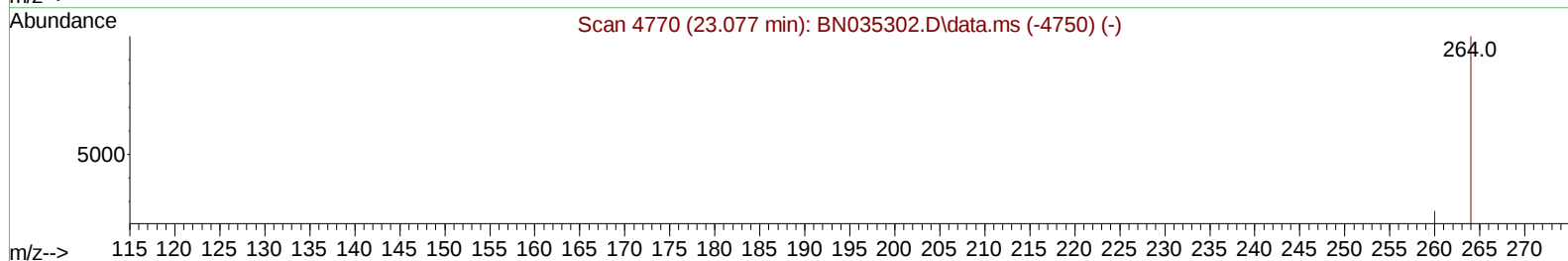
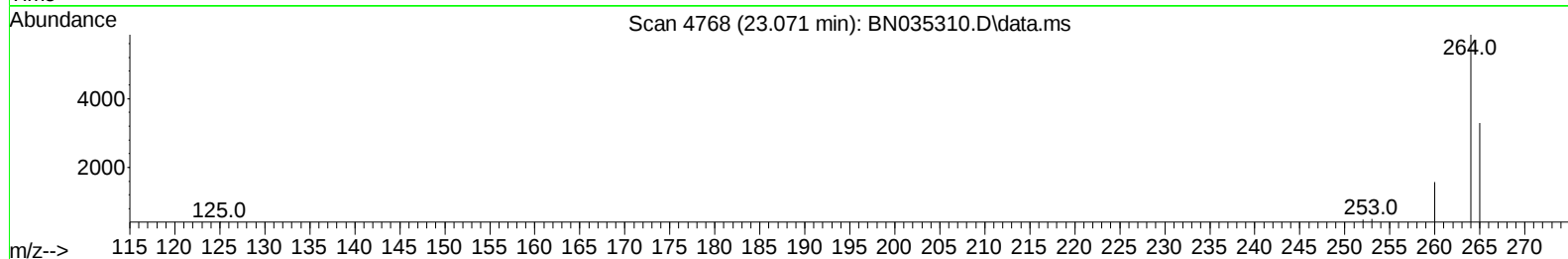
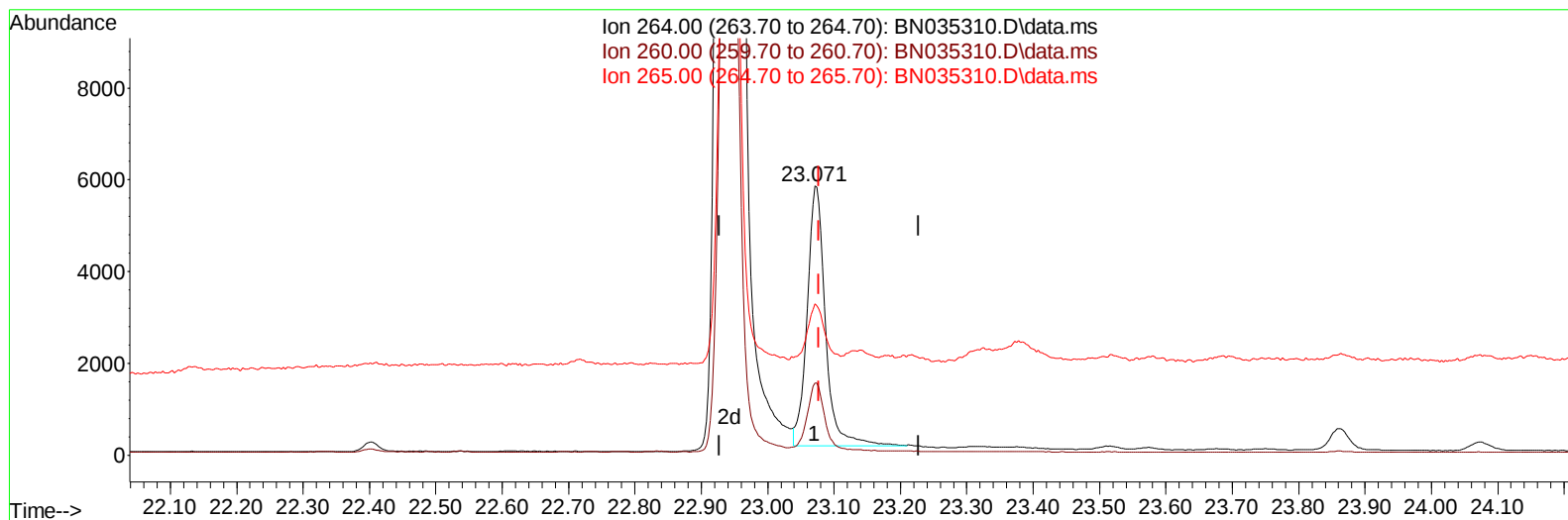
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035310.D\data.ms

(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/u1

response 10881

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.80
265.00	75.50	56.20#
0.00	0.00	0.00

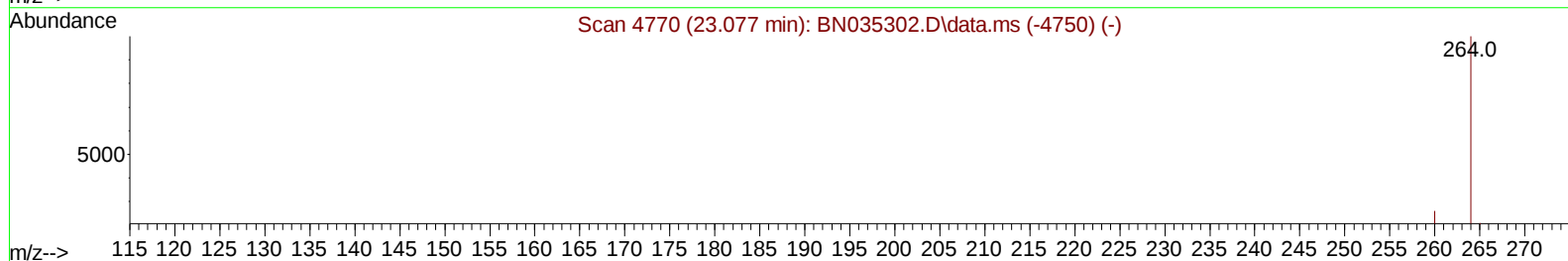
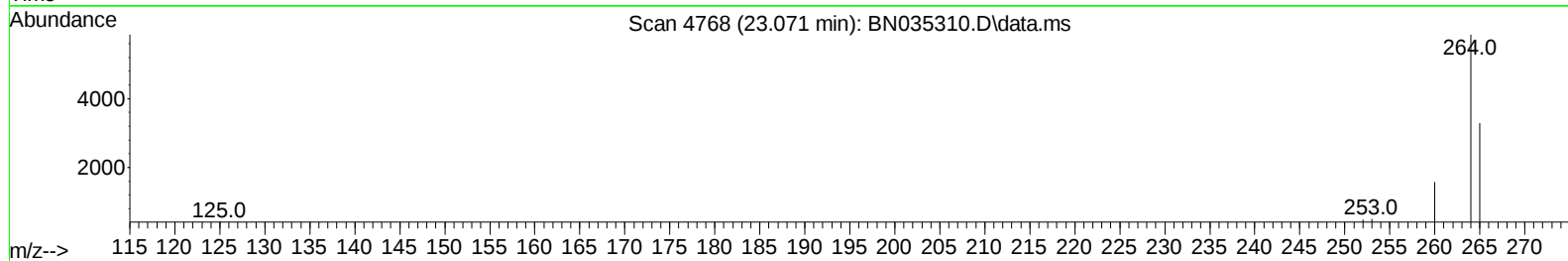
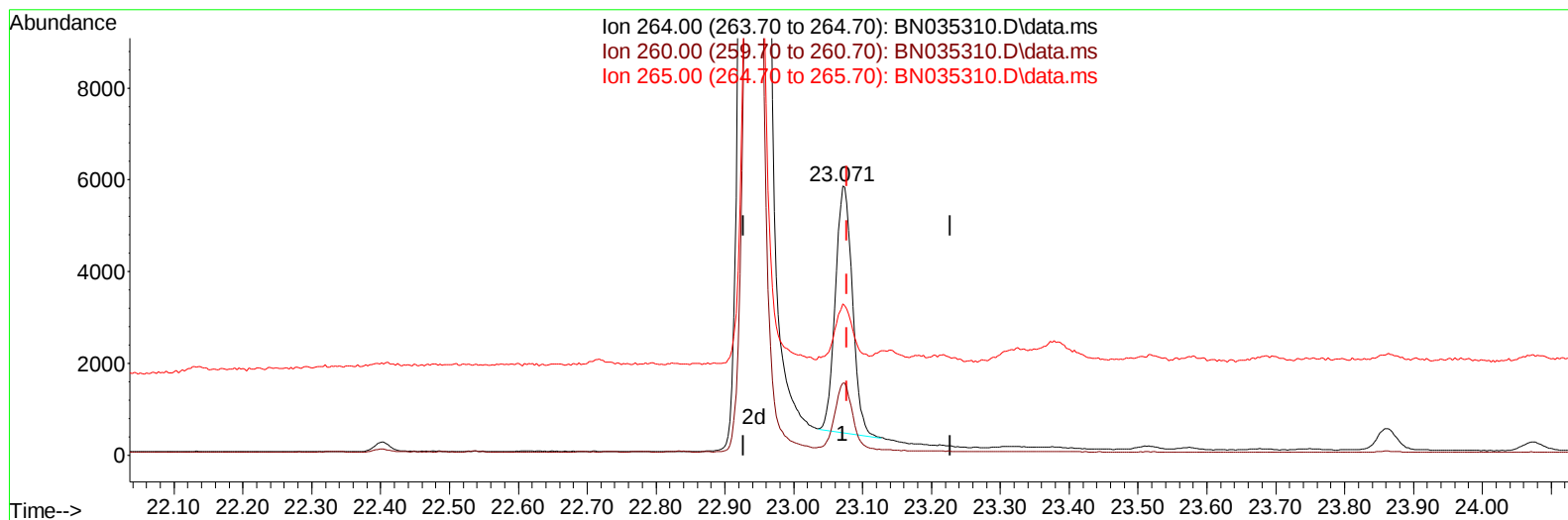
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Data File : BN035310.D
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Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

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TIC: BN035310.D\data.ms

(23) Perylene-d12 (I)

23.071min (-0.006) 0.40 ng/ul m

response 9252

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.80
265.00	75.50	56.20#
0.00	0.00	0.00

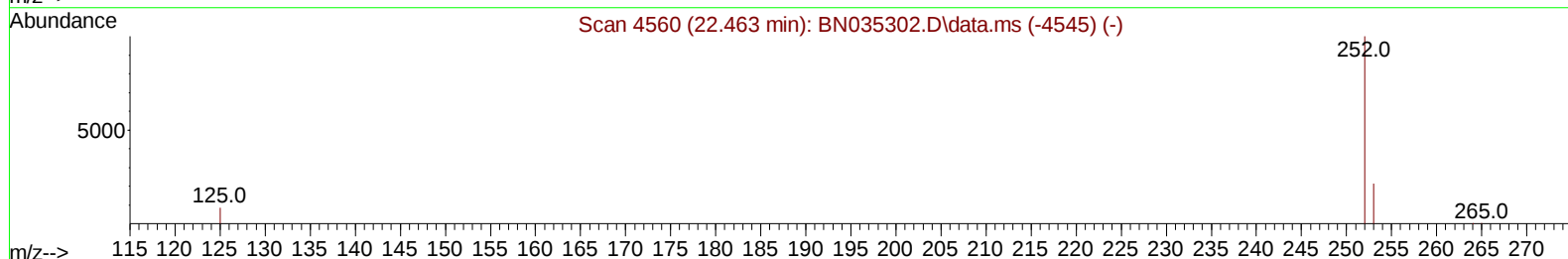
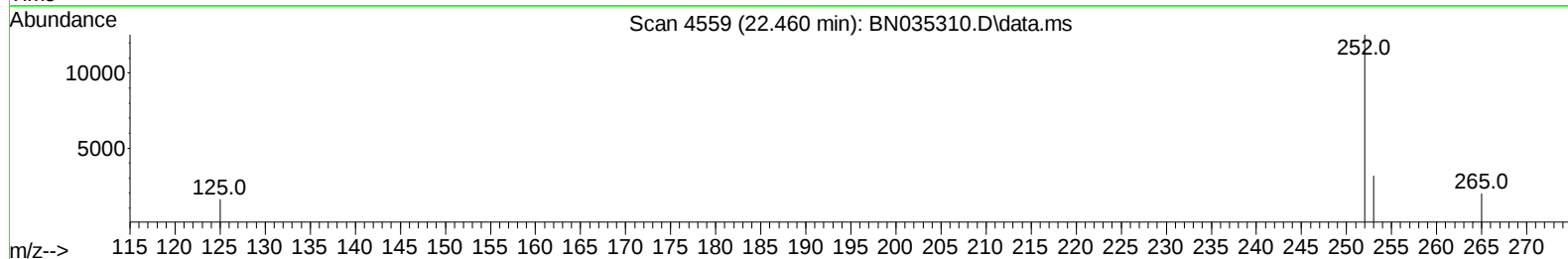
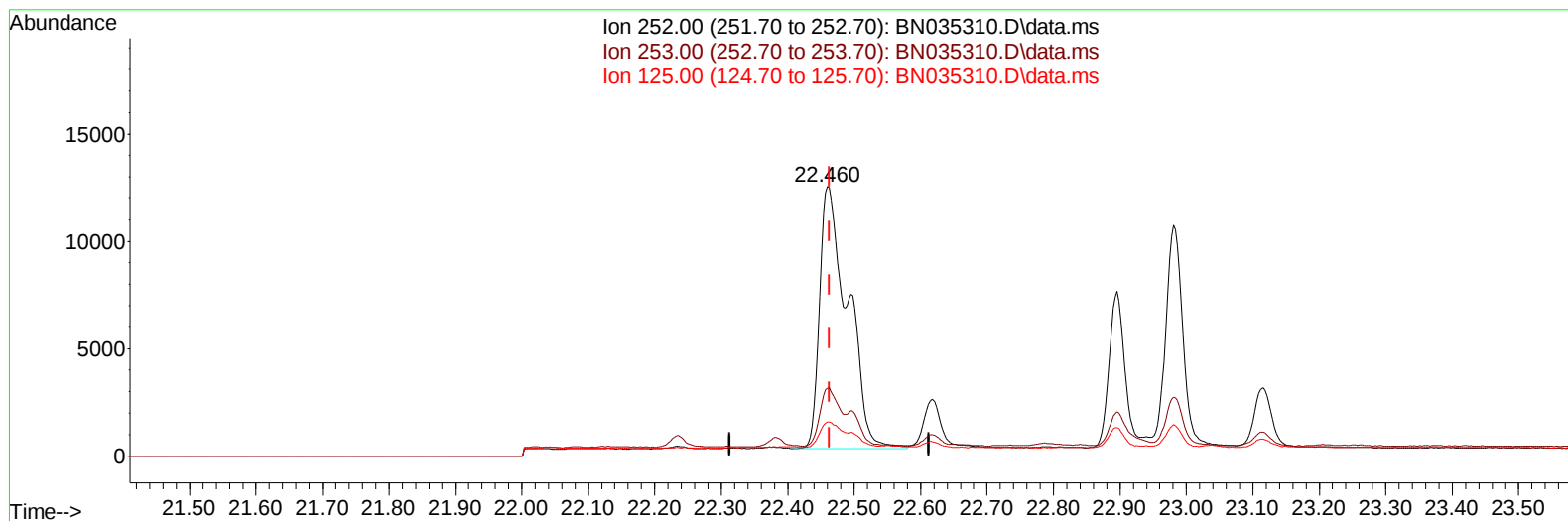
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035310.D
Acq On : 26 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

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TIC: BN035310.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 1.17 ng/u1

response 35917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.17
125.00	9.70	12.57
0.00	0.00	0.00

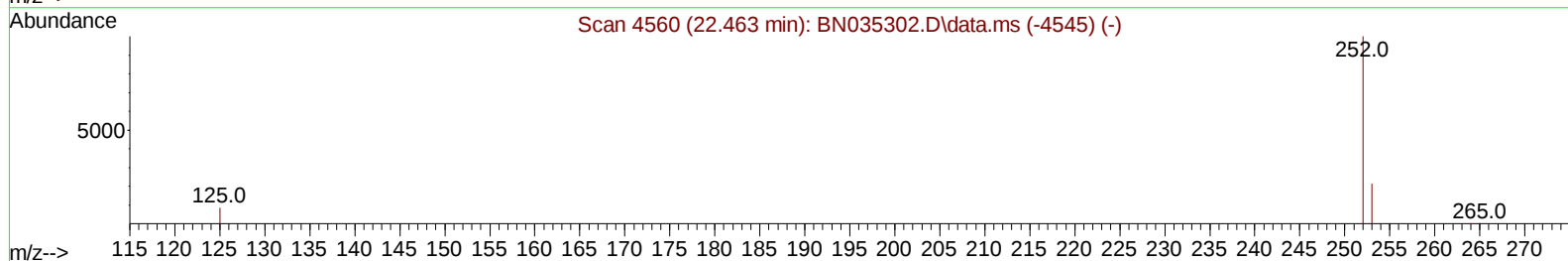
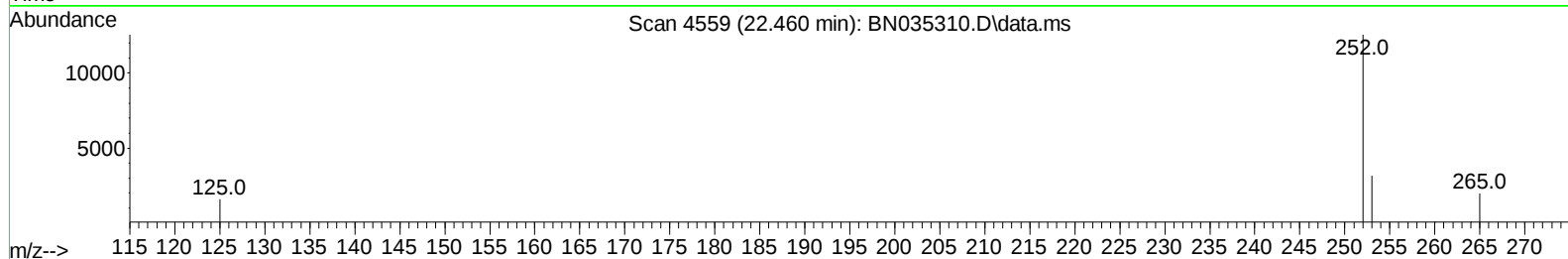
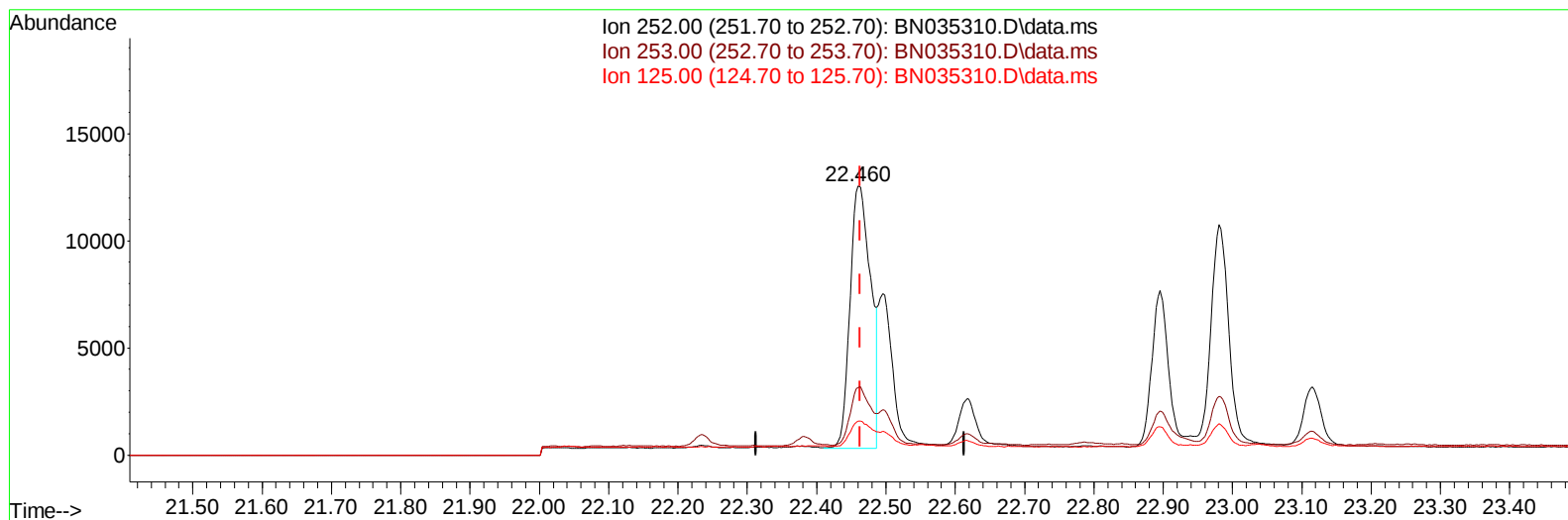
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035310.D
Acq On : 26 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:12:52 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: BN035310.D\data.ms

(24) Benzo(b)fluoranthene

22.460min (-0.003) 0.83 ng/u1 m

response 25535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.17
125.00	9.70	12.57
0.00	0.00	0.00

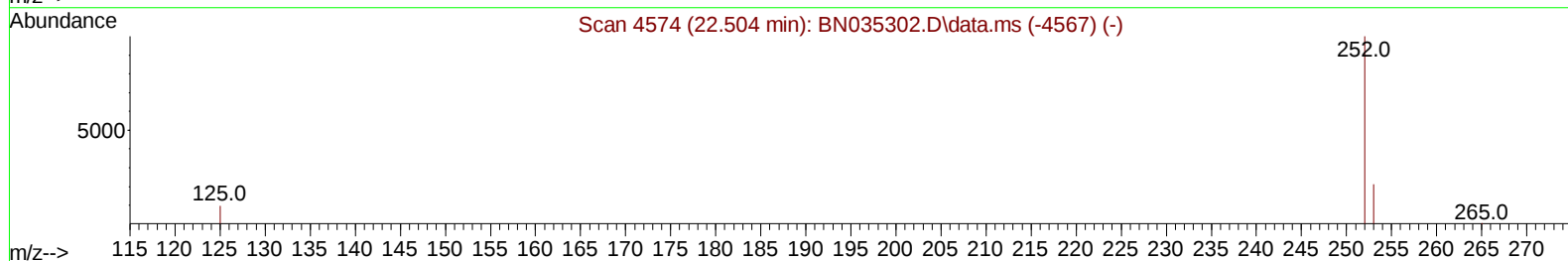
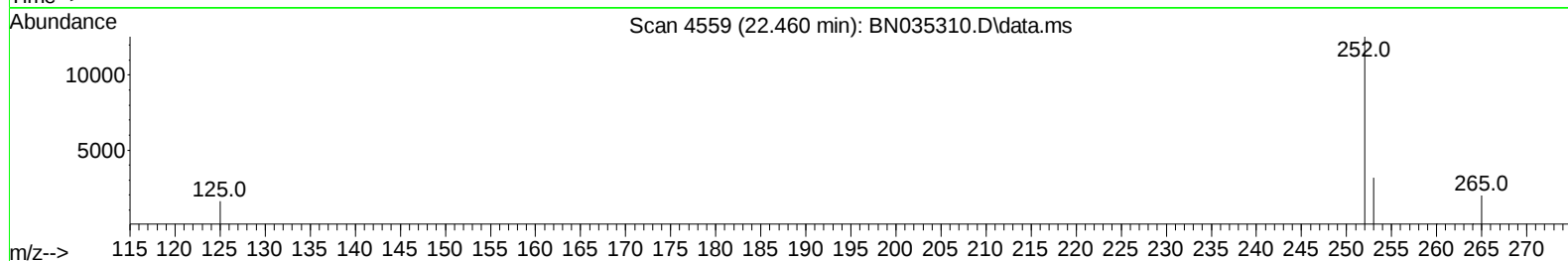
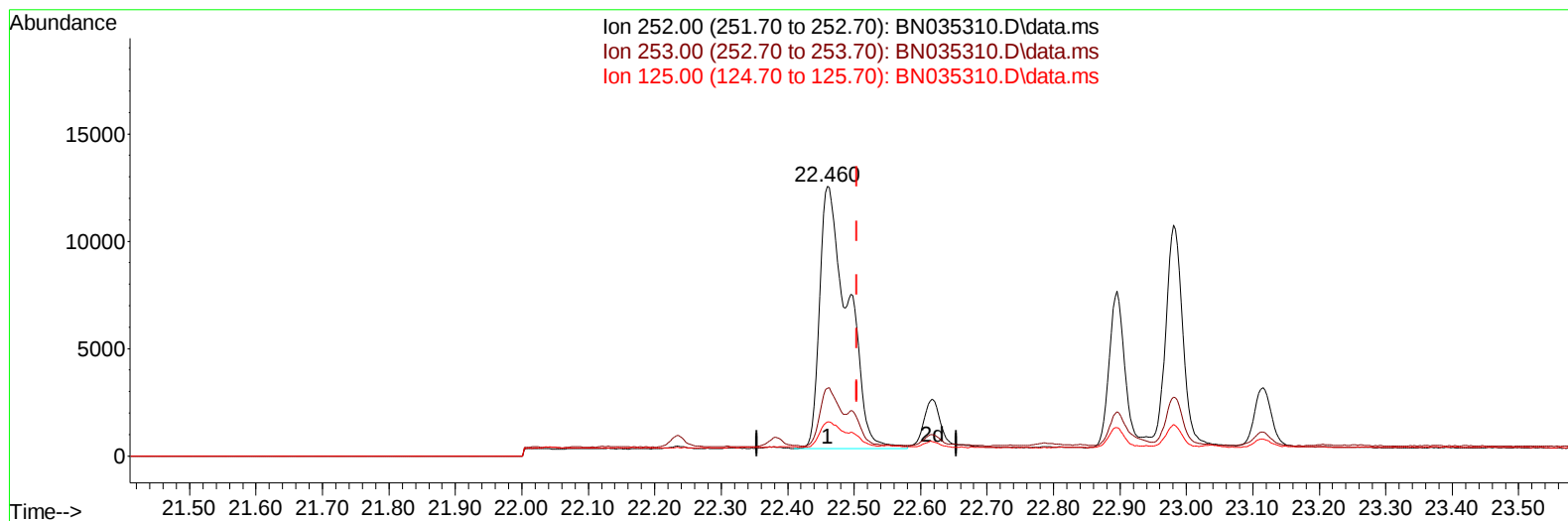
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Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

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TIC: BN035310.D\data.ms

(25) Benzo(k)fluoranthene

22.460min (-0.044) 1.14 ng/u1

response 35917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	25.17
125.00	10.70	12.57
0.00	0.00	0.00

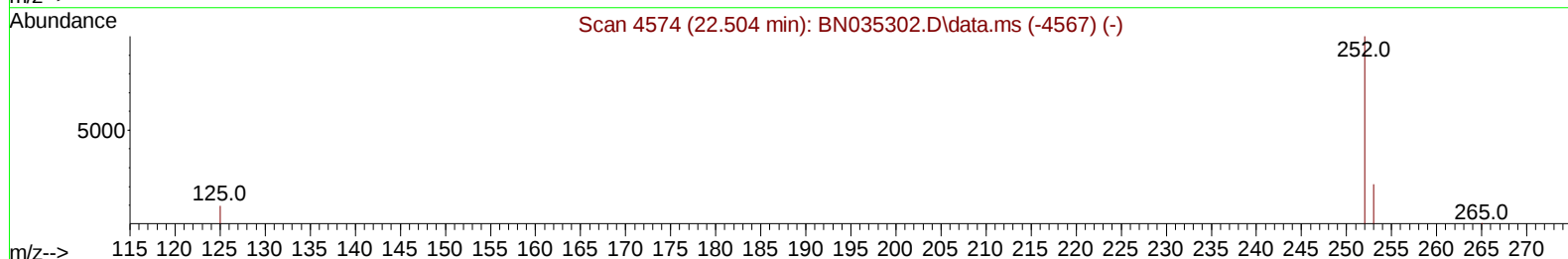
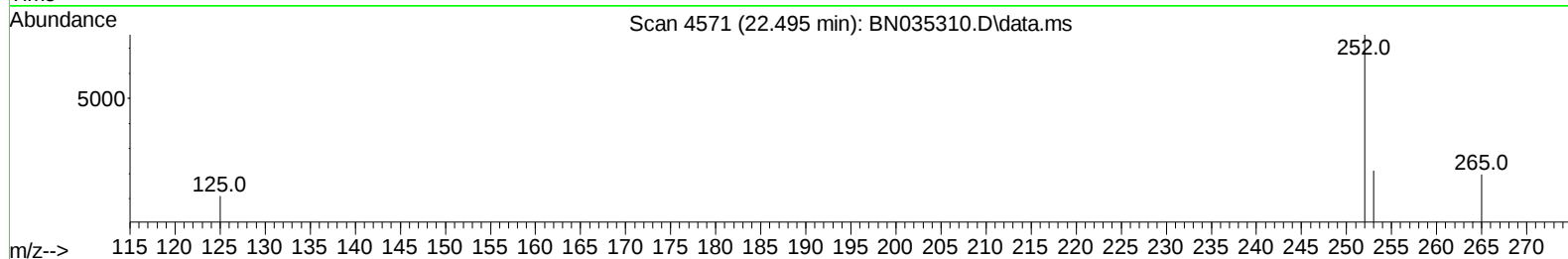
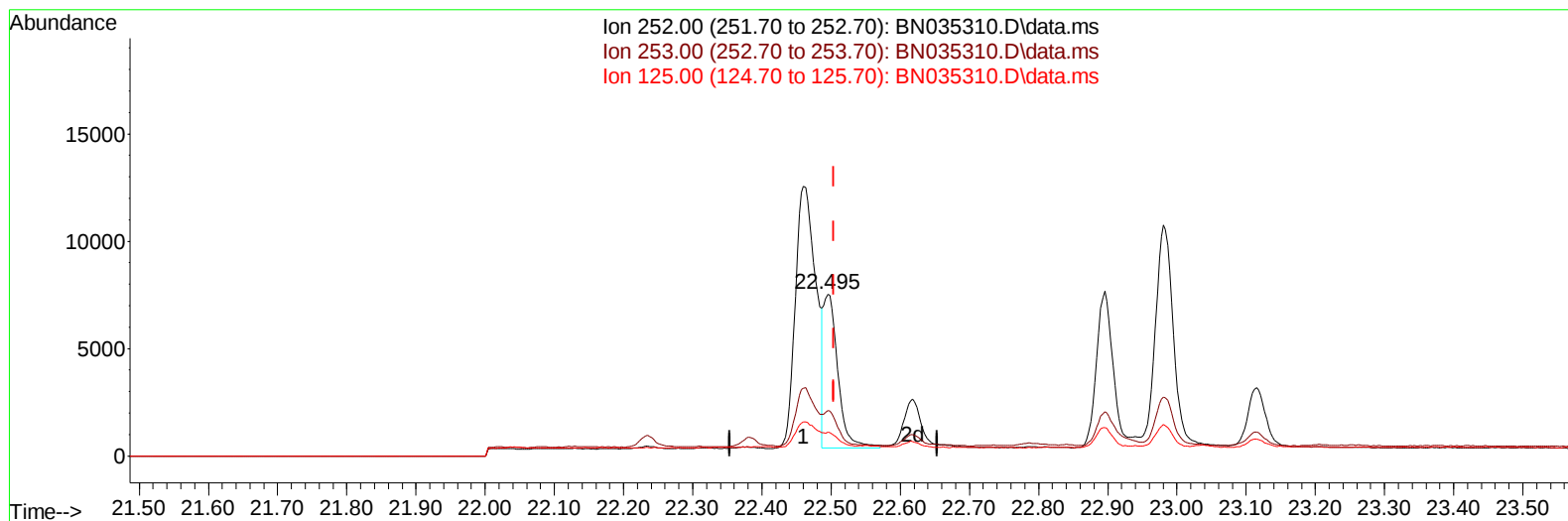
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035310.D
Acq On : 26 Nov 2024 11:11
Operator : RC/JU
Sample : P4872-19DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Y6DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:12:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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TIC: BN035310.D\data.ms

(25) Benzo(k)fluoranthene

22.495min (-0.009) 0.33 ng/u1 m

response 10323

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	28.05
125.00	10.70	14.63#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035310.D
 Acq On : 26 Nov 2024 11:11
 Operator : RC/JU
 Sample : P4872-19DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y6DL

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	3999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	10287	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	5550	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	10363	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.979	240	8961	0.400	ng/ul	# 0.00
23) Perylene-d12	23.071	264	9252m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	3533	0.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	824	0.055	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	1656	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.685	152	3997	0.182	ng/ul	97
11) Acenaphthene	14.032	153	355	0.021	ng/ul#	92
12) Fluorene	15.036	166	2200	0.111	ng/ul	98
15) Phenanthrene	16.776	178	27141	0.991	ng/ul	99
16) Anthracene	16.869	178	6425	0.253	ng/ul	98
19) Fluoranthene	18.819	202	54258	1.739	ng/ul#	95
20) Pyrene	19.186	202	44718	1.377	ng/ul#	94
21) Benzo(a)anthracene	20.961	228	22861m	0.735	ng/ul	
22) Chrysene	21.014	228	20919	0.669	ng/ul	98
24) Benzo(b)fluoranthene	22.460	252	25535m	0.835	ng/ul	
25) Benzo(k)fluoranthene	22.495	252	10323m	0.327	ng/ul	
26) Benzo(a)pyrene	22.980	252	18211	0.652	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.108	276	11765	0.312	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.121	278	3051	0.103	ng/ul#	74
29) Benzo(g,h,i)perylene	25.728	276	10205	0.343	ng/ul#	94

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

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