

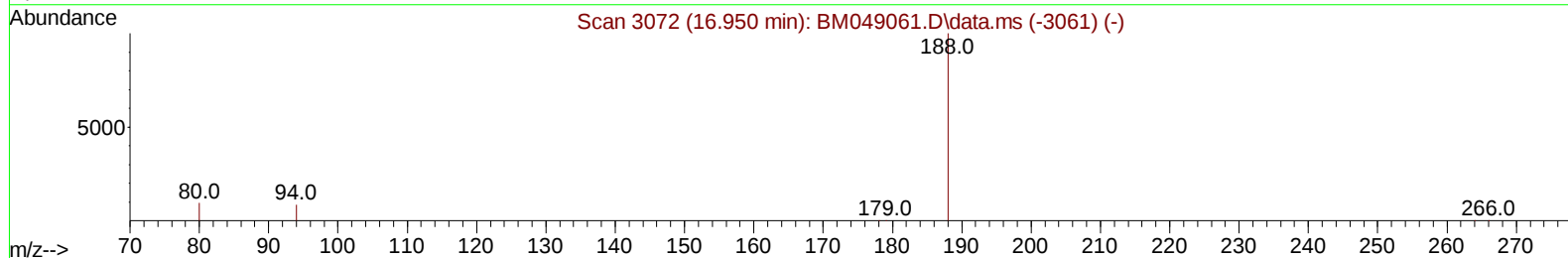
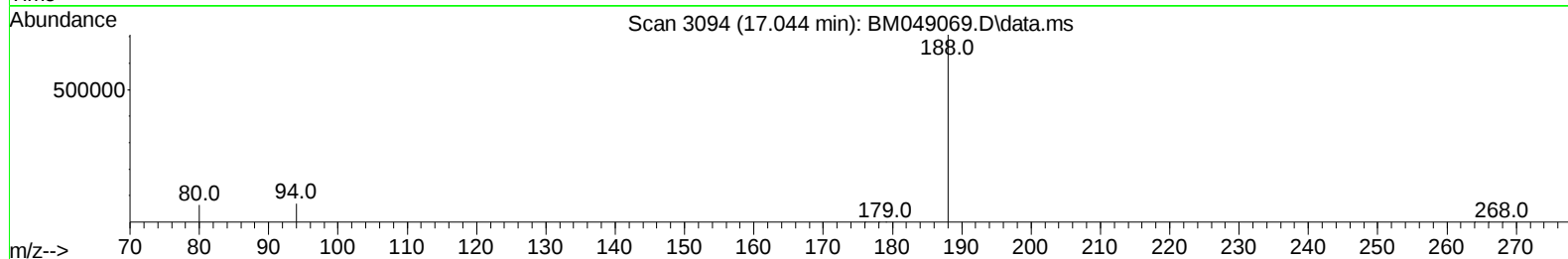
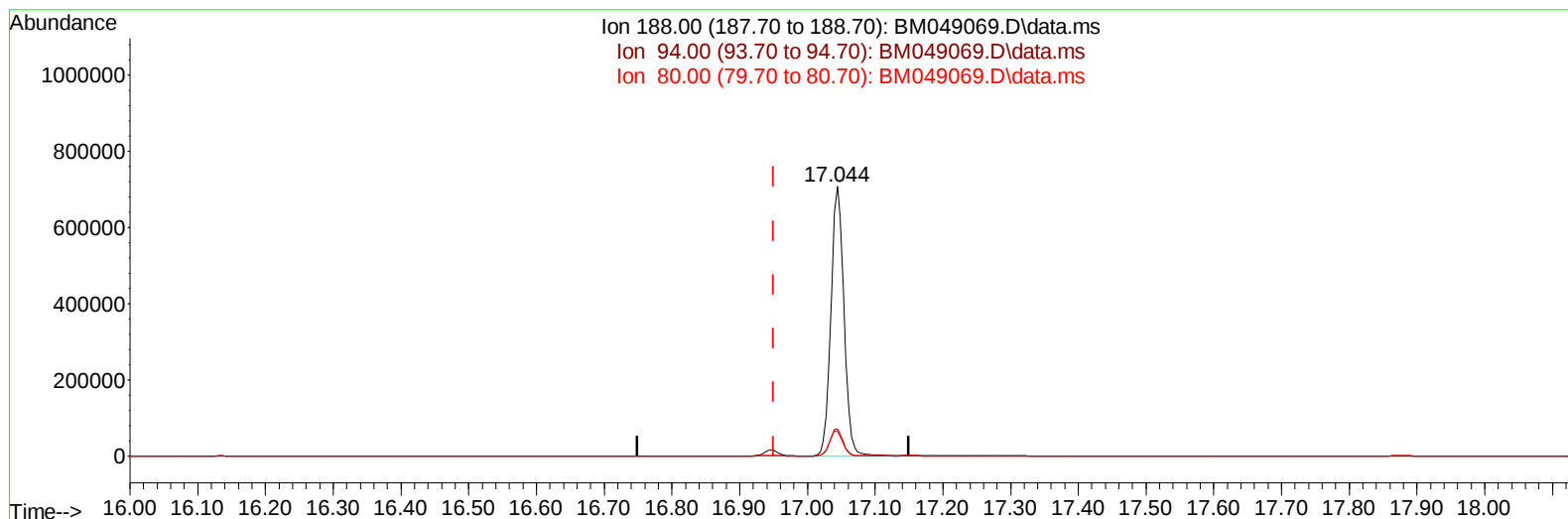
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:41:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049069.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 946935

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.96
80.00	10.70	9.07
0.00	0.00	0.00

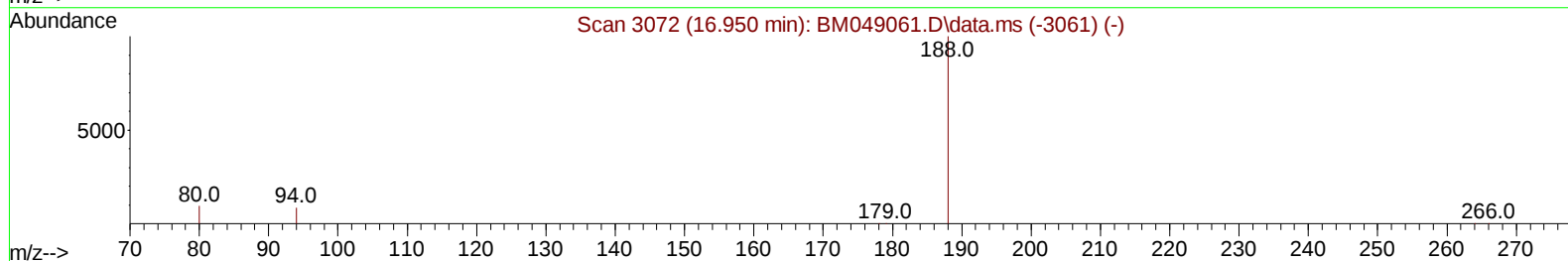
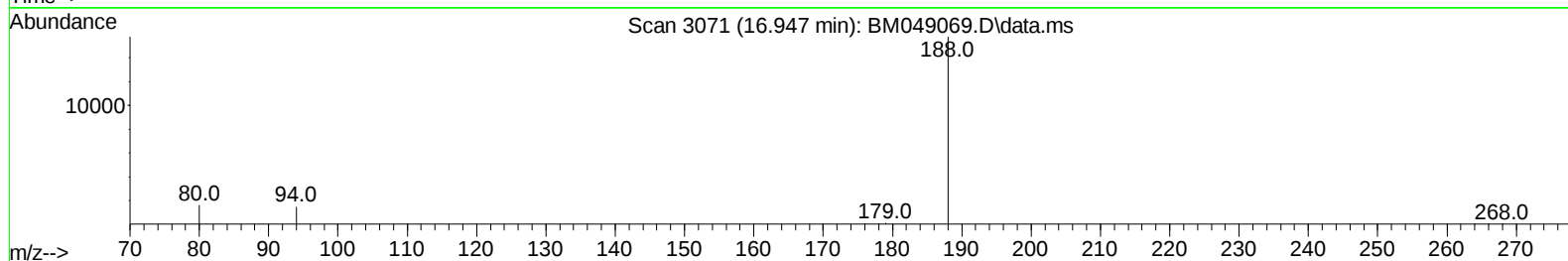
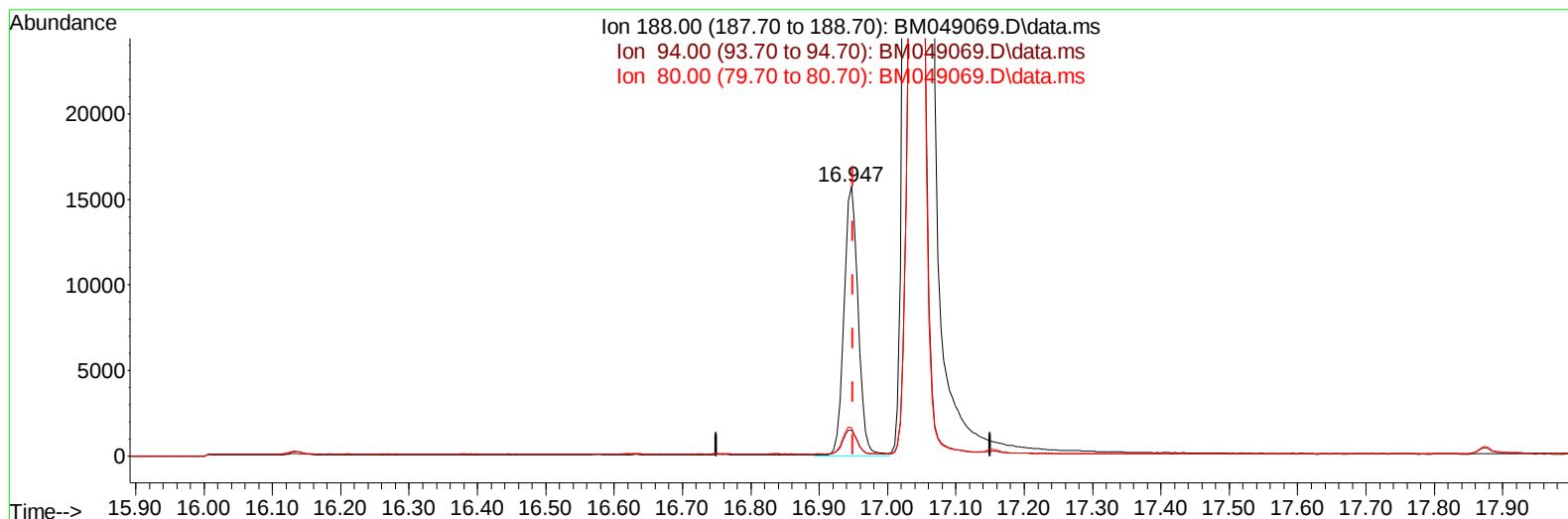
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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TIC: BM049069.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (-0.003) 0.40 ng/ul m

response 22878

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.57
80.00	10.70	10.43
0.00	0.00	0.00

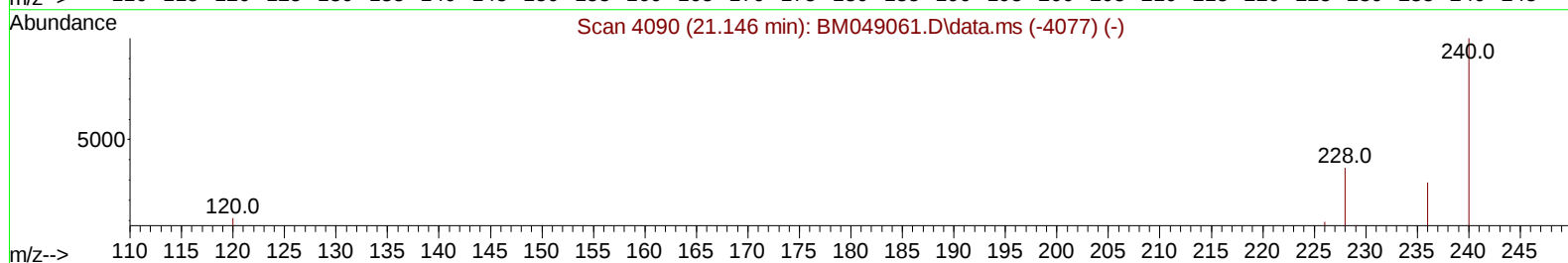
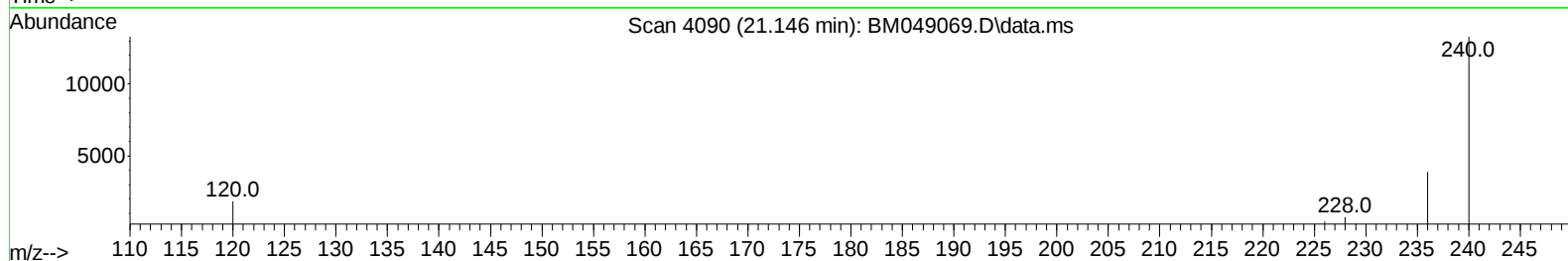
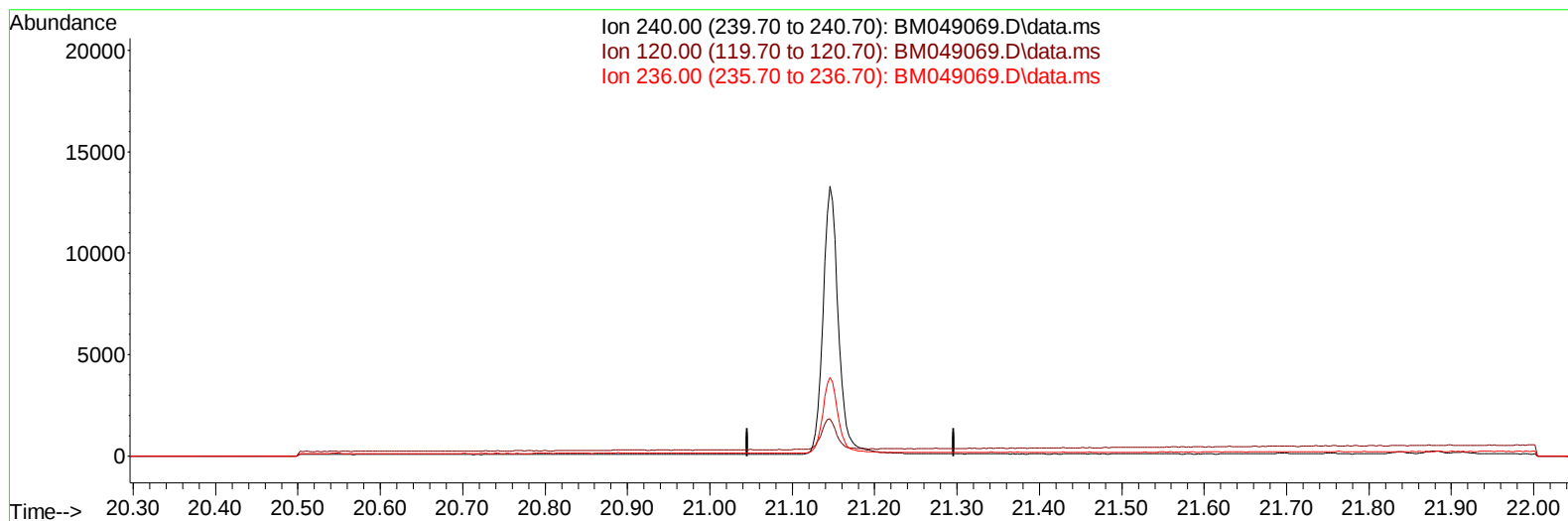
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049069.D\data.ms

(17) Chrysene-d12

21.146min (-21.146) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	14.50	0.00#
236.00	29.80	0.00#
0.00	0.00	0.00

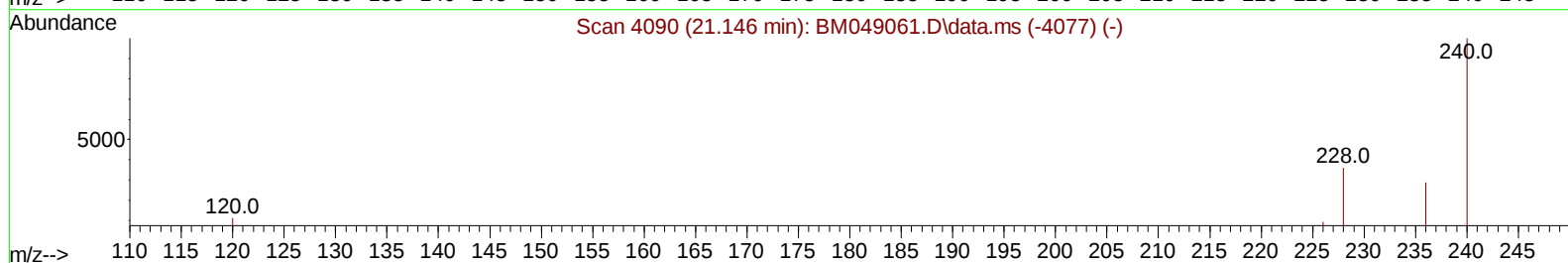
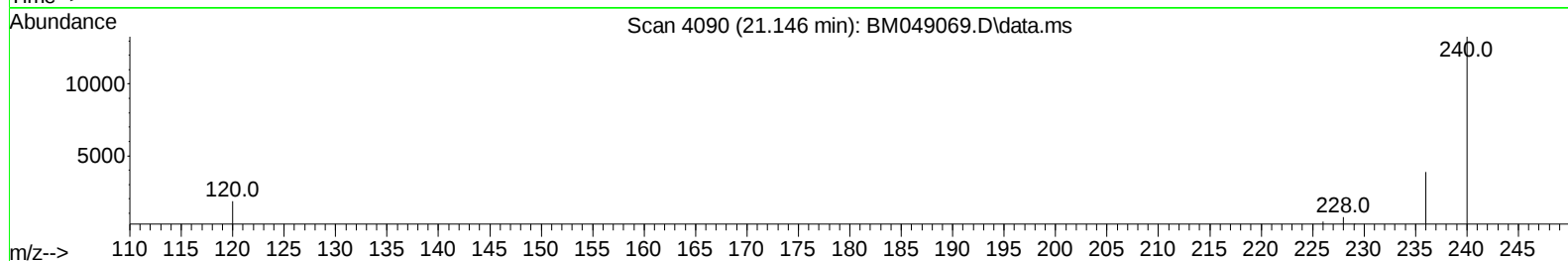
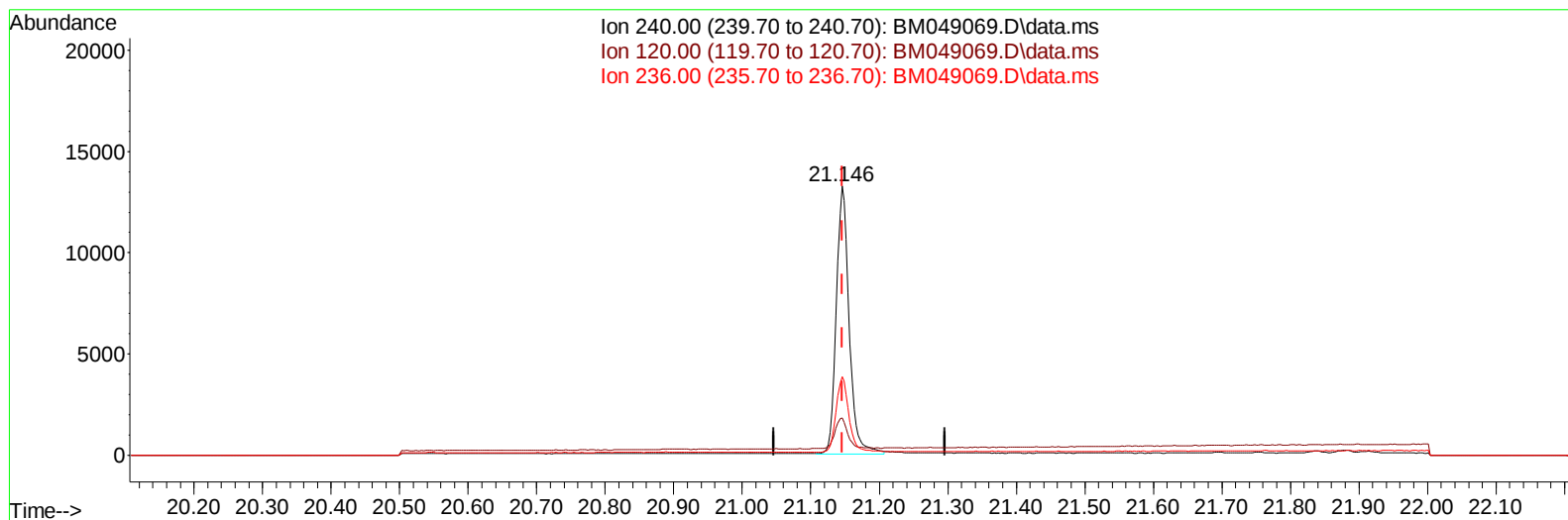
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

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TIC: BM049069.D\data.ms

(17) Chrysene-d12

21.146min (-0.000) 0.40 ng/u1 m

response 17243

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.84
236.00	29.80	29.19
0.00	0.00	0.00

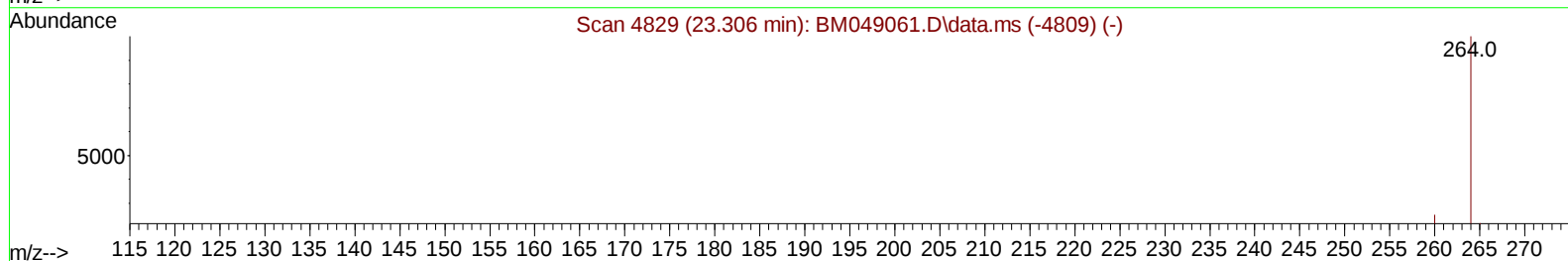
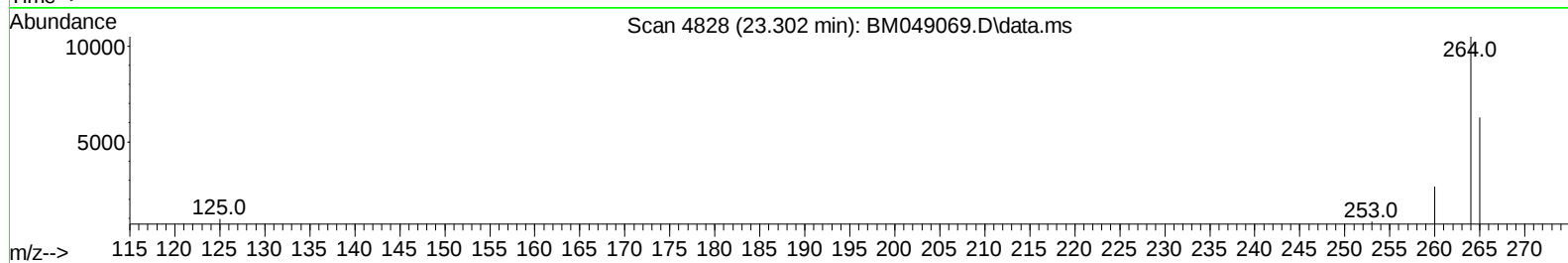
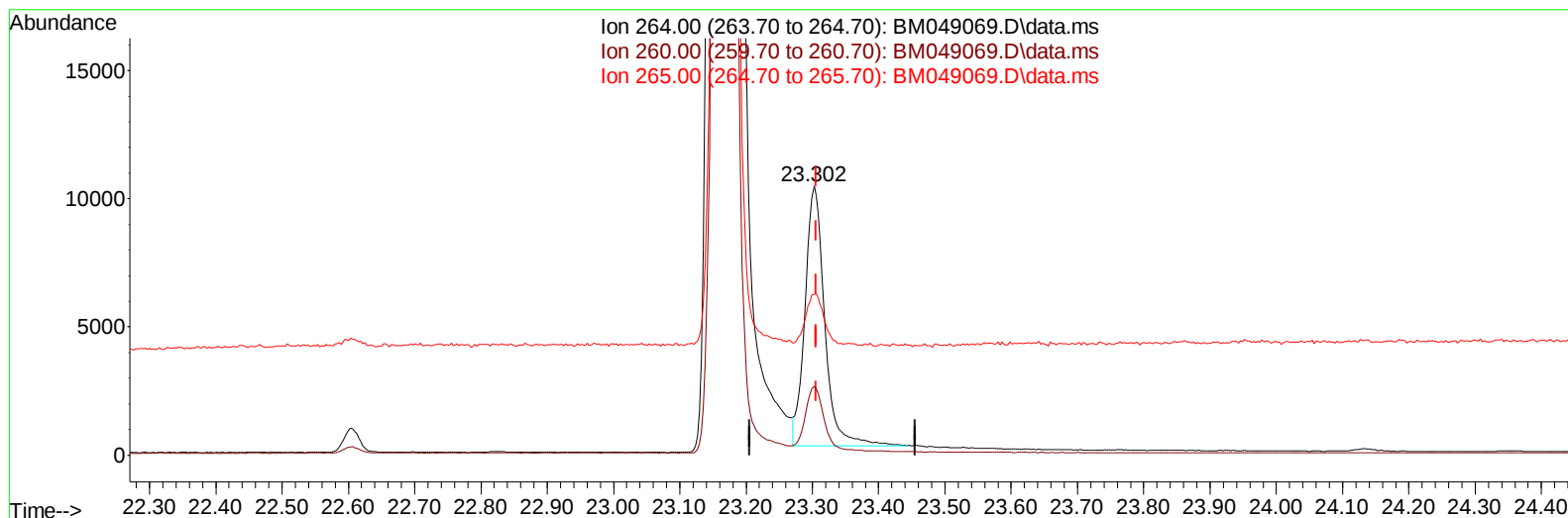
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:41:29 2024
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TIC: BM049069.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.003) 0.40 ng/u1

response 20724

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.54
265.00	78.30	59.73#
0.00	0.00	0.00

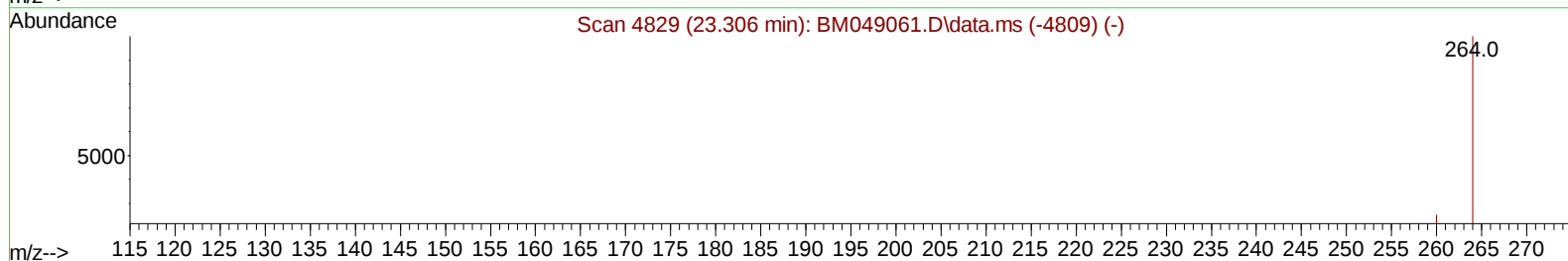
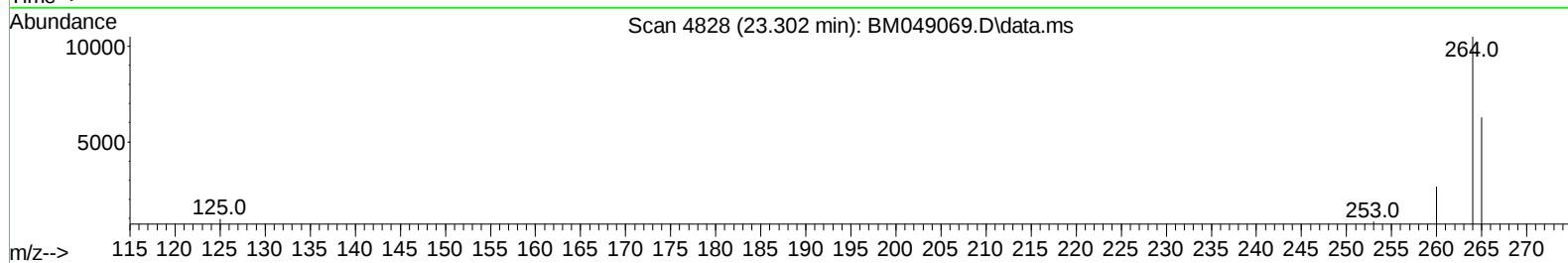
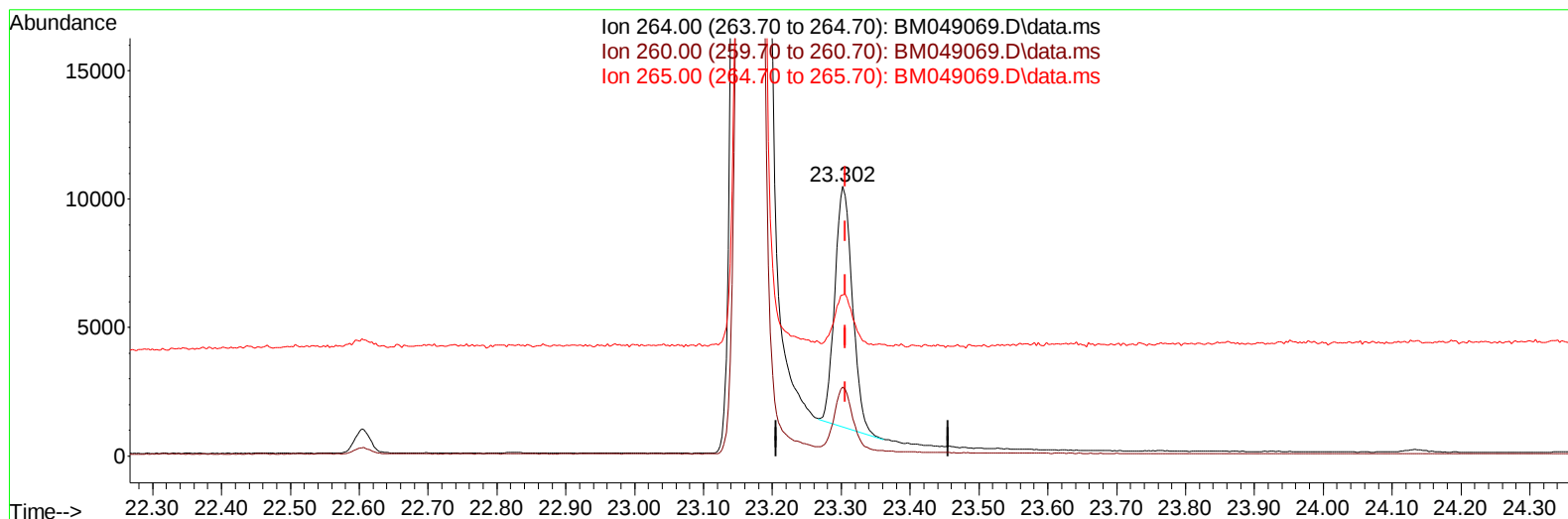
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:41:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049069.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.003) 0.40 ng/ul m

response 16606

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.54
265.00	78.30	59.73#
0.00	0.00	0.00

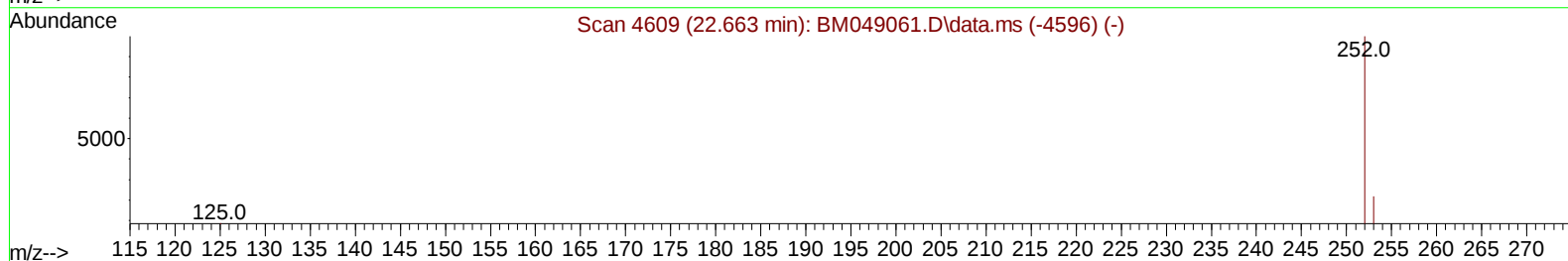
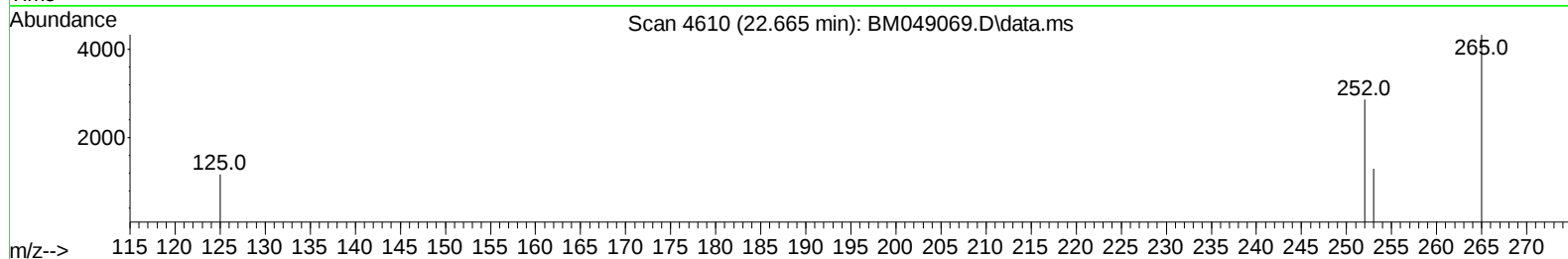
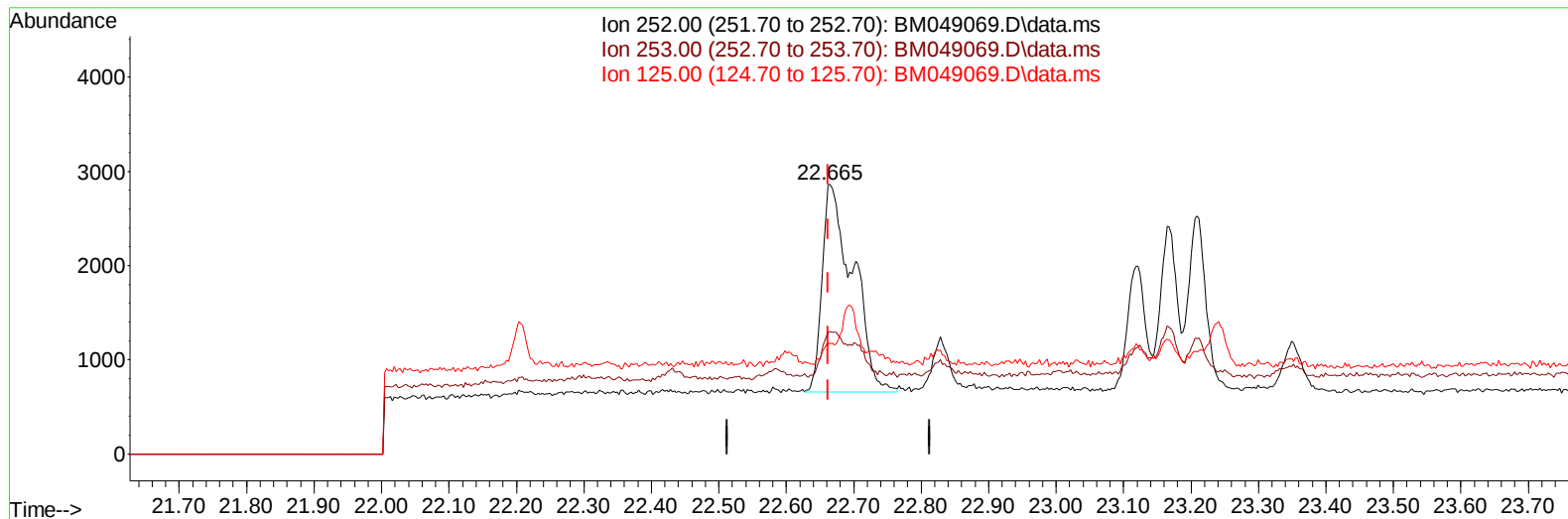
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

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TIC: BM049069.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.002) 0.13 ng/u1

response 6969

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	45.49
125.00	15.40	40.84#
0.00	0.00	0.00

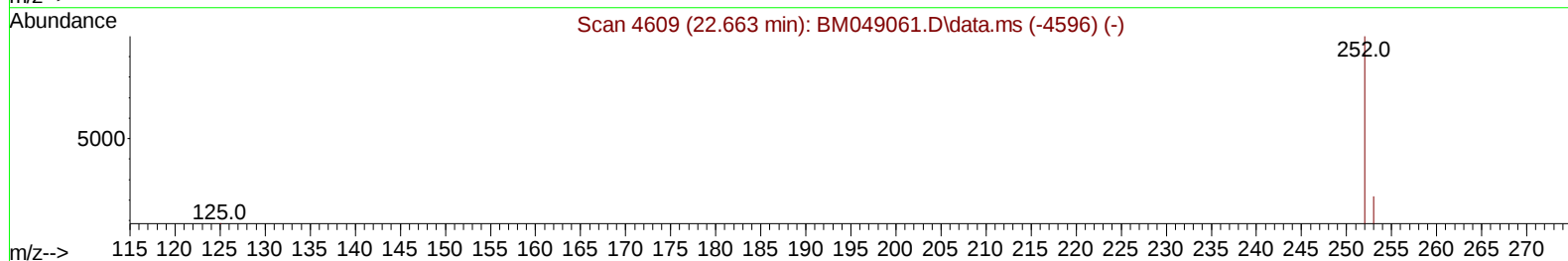
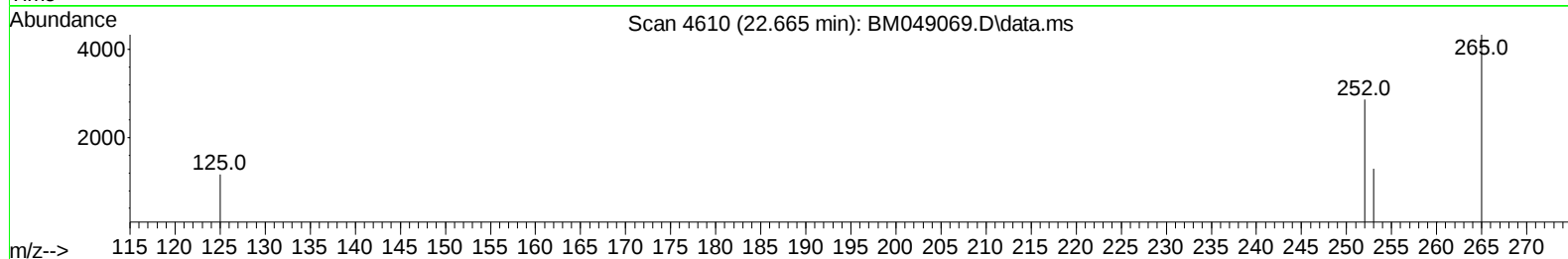
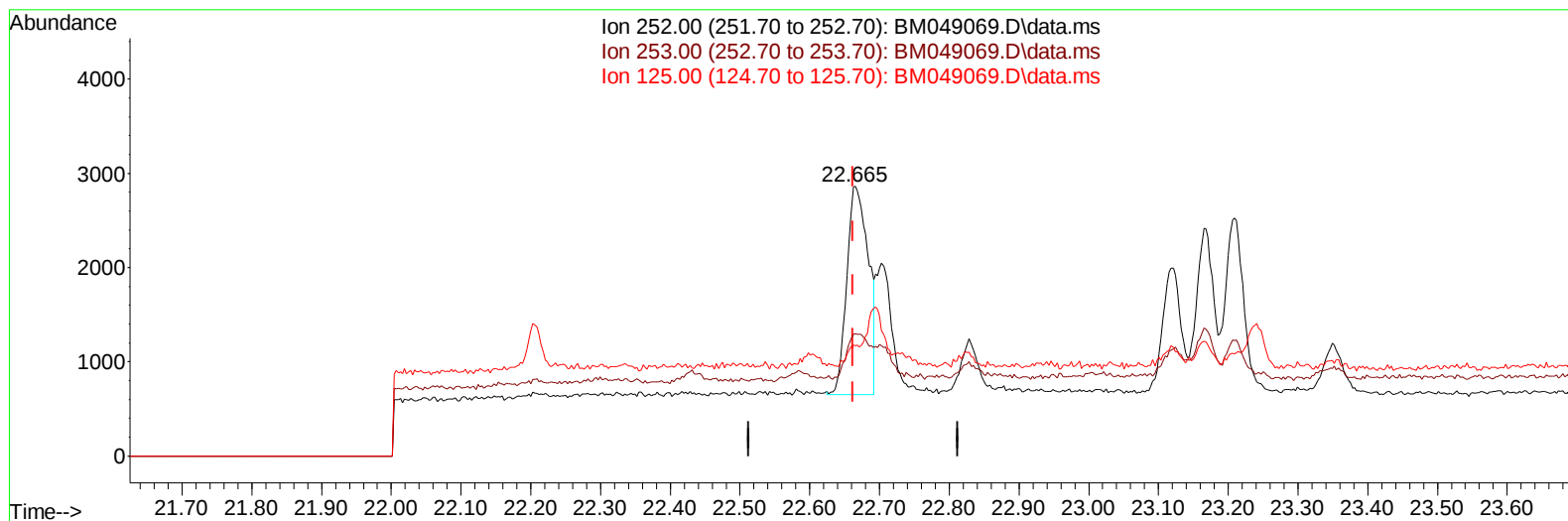
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:41:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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TIC: BM049069.D\data.ms

(24) Benzo(b)fluoranthene

22.665min (+ 0.002) 0.09 ng/u1 m

response 4711

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	45.49
125.00	15.40	40.84#
0.00	0.00	0.00

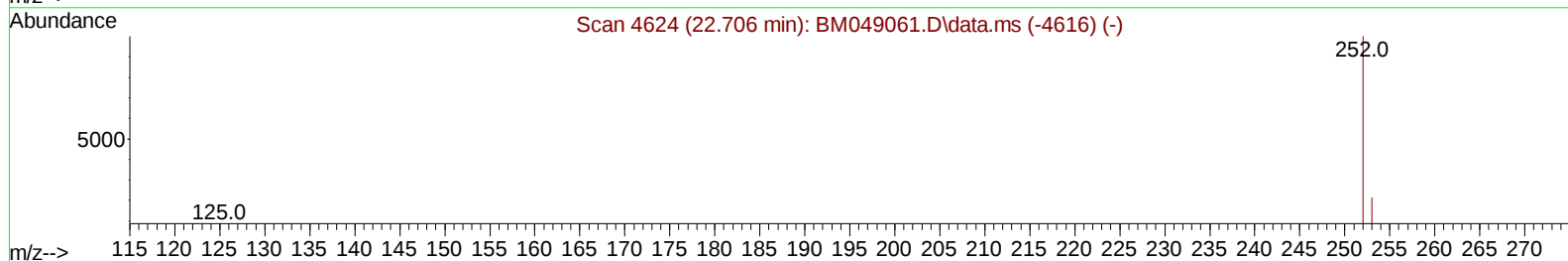
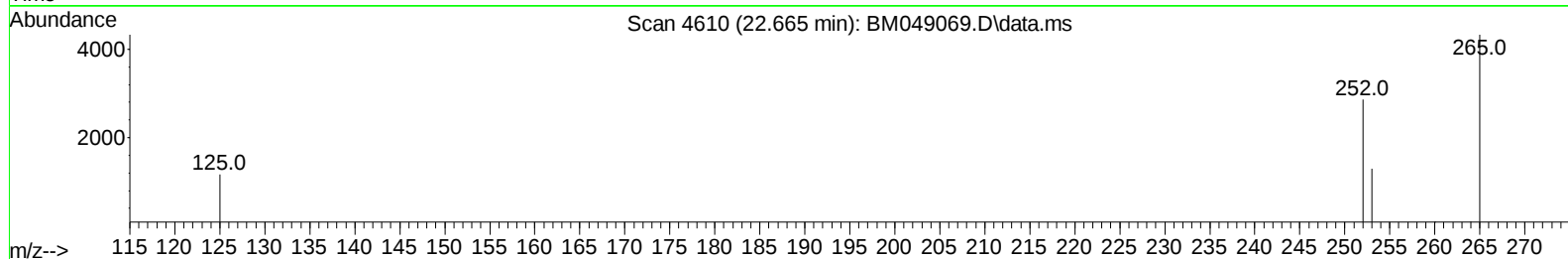
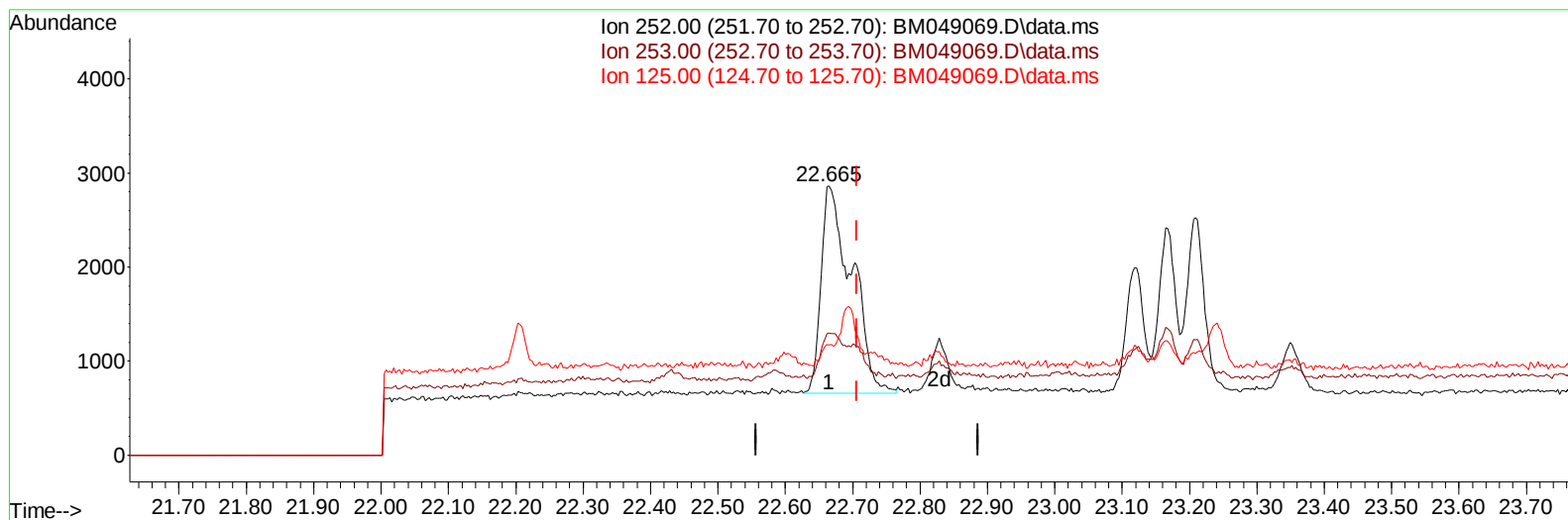
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Data File : BM049069.D
Acq On : 19 Dec 2024 14:19
Operator : RC/JU
Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

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TIC: BM049069.D\data.ms

(25) Benzo(k)fluoranthene

22.665min (-0.041) 0.12 ng/u1

response 6969

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	45.49#
125.00	15.70	40.84#
0.00	0.00	0.00

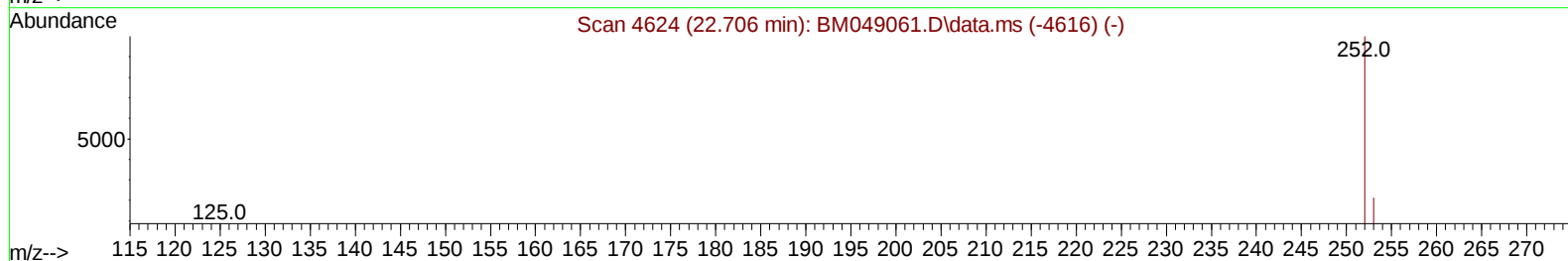
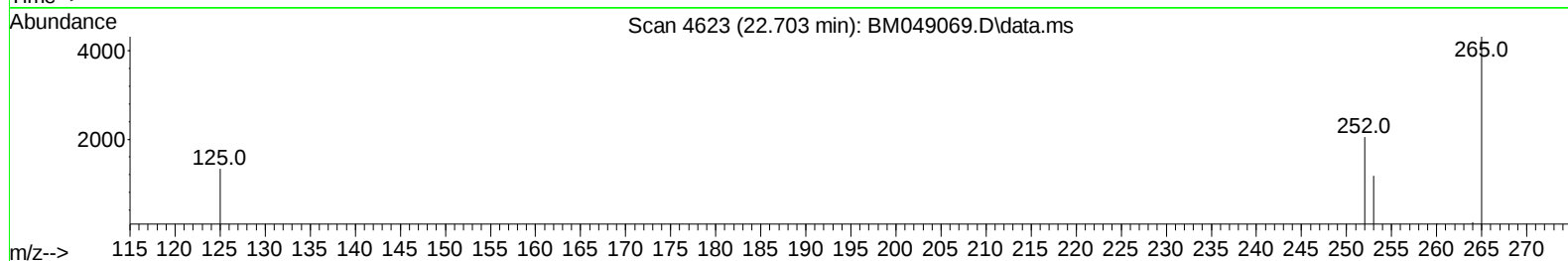
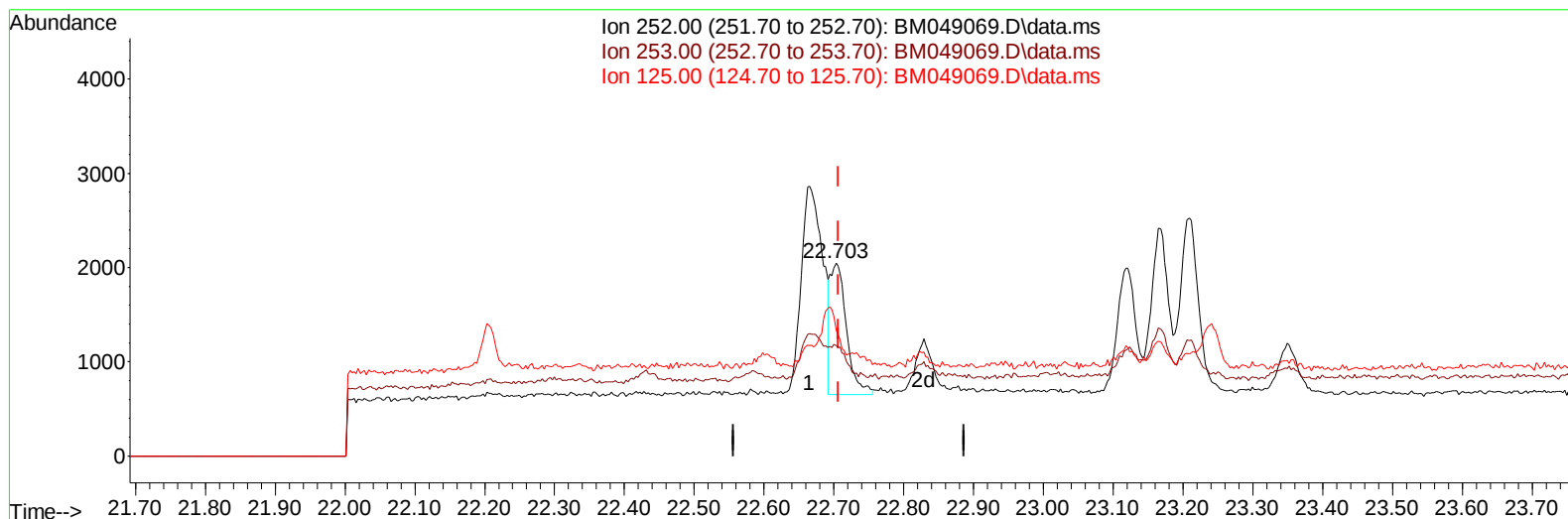
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049069.D
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Sample : P5226-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ4

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TIC: BM049069.D\data.ms

(25) Benzo(k)fluoranthene

22.703min (-0.003) 0.04 ng/u1 m

response 2270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	57.23#
125.00	15.70	64.99#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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 Operator : RC/JU
 Sample : P5226-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AQ4

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.564	152		6594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136		19499	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164		10386	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188		22878m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240		17243m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264		16606m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.151	96		25820	3.395	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152		5229	0.200	ng/ul	0.00
18) Fluoranthene-d10	18.983	212		9514	0.194	ng/ul	0.00
Target Compounds							Qvalue
10) Acenaphthylene	13.914	152		1732	0.040	ng/ul#	89
19) Fluoranthene	19.011	202		3094	0.050	ng/ul#	87
20) Pyrene	19.374	202		3388	0.051	ng/ul#	89
21) Benzo(a)anthracene	21.131	228		2887	0.048	ng/ul#	88
22) Chrysene	21.181	228		2577	0.040	ng/ul#	92
24) Benzo(b)fluoranthene	22.665	252		4711m	0.089	ng/ul	
25) Benzo(k)fluoranthene	22.703	252		2270m	0.039	ng/ul	
26) Benzo(a)pyrene	23.209	252		3305	0.065	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.447	276		2554	0.035	ng/ul#	99
29) Benzo(g,h,i)perylene	26.097	276		2676	0.046	ng/ul#	75

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

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