

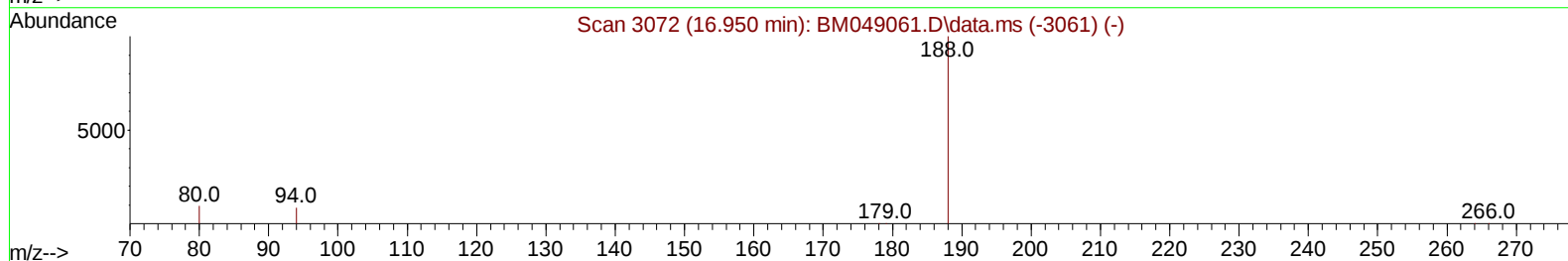
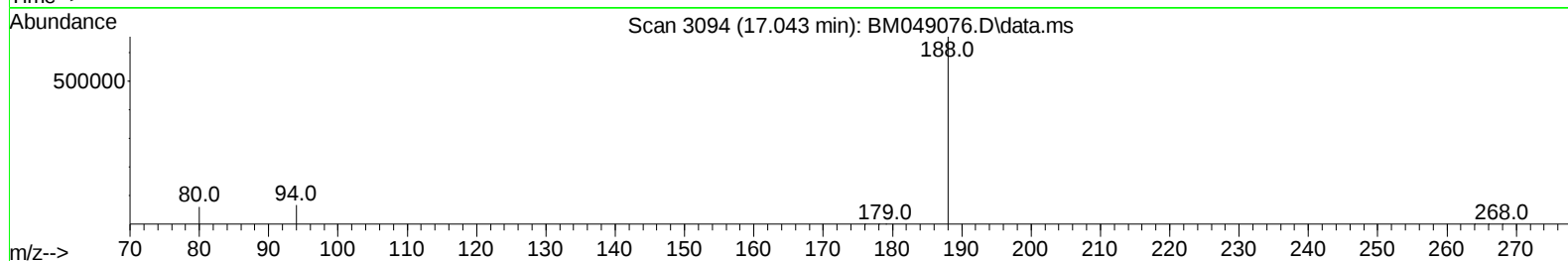
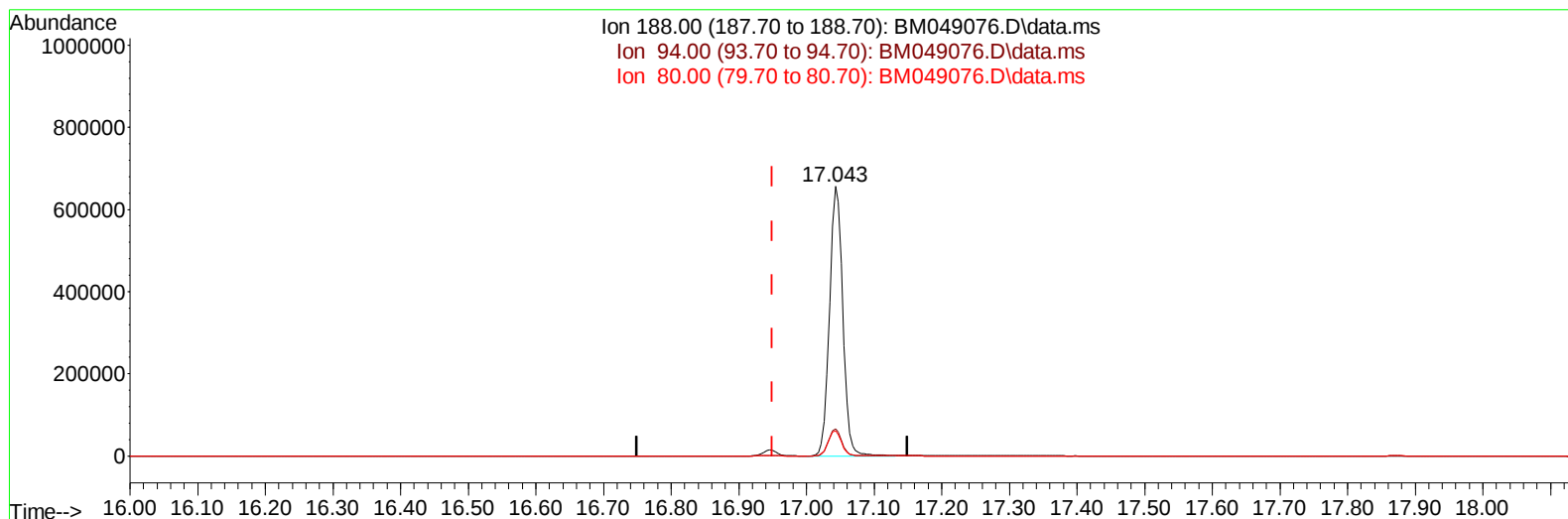
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:25:56 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: BM049076.D\data.ms

(13) Phenanthrene-d10 (I)

17.043min (+ 0.093) 0.40 ng/u1

response 893610

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	10.15
80.00	10.70	9.31
0.00	0.00	0.00

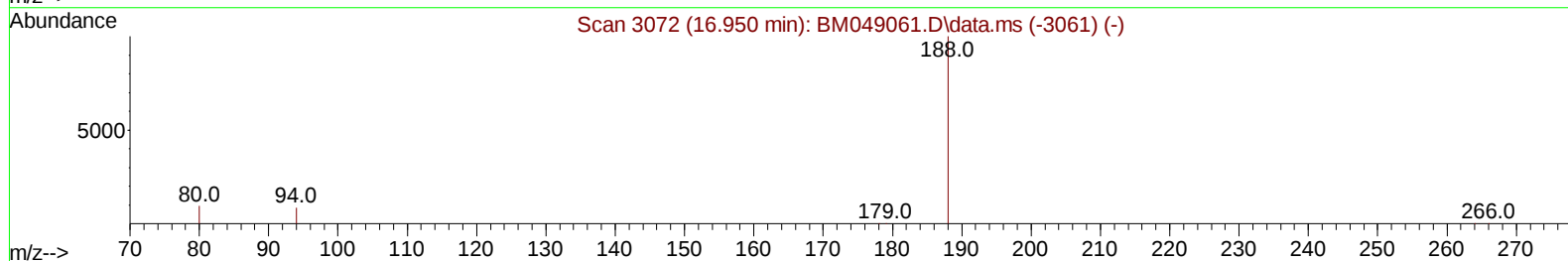
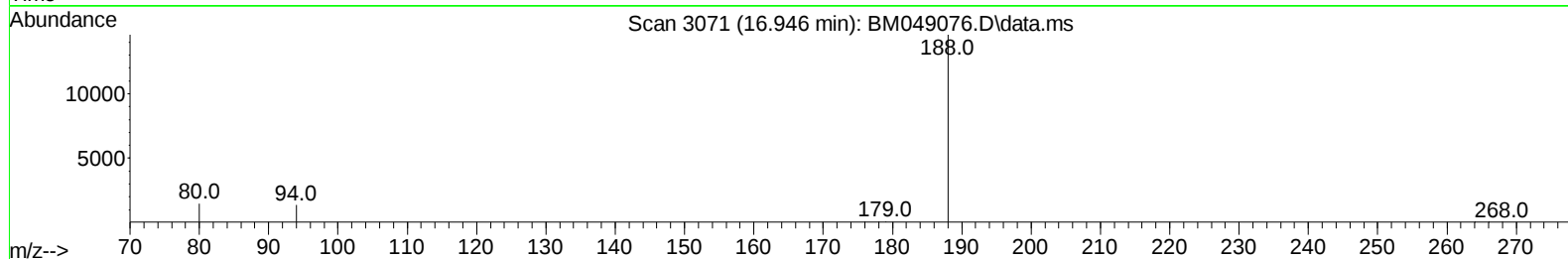
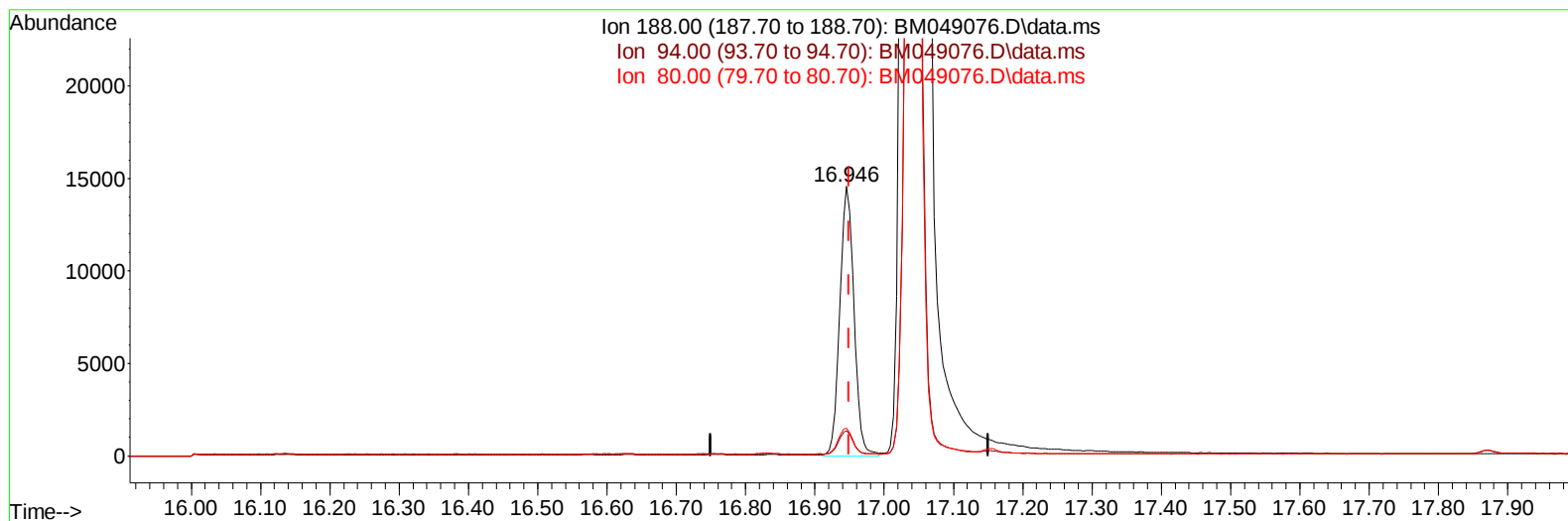
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049076.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (-0.004) 0.40 ng/ul m

response 20588

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.44
80.00	10.70	10.33
0.00	0.00	0.00

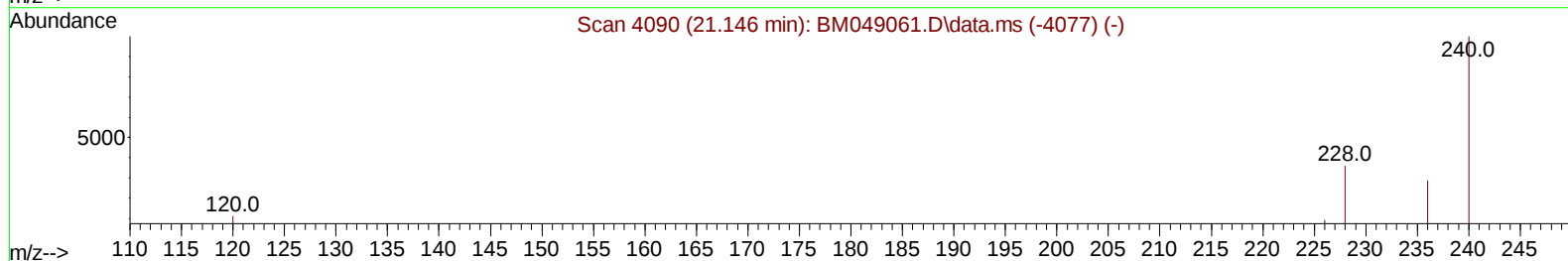
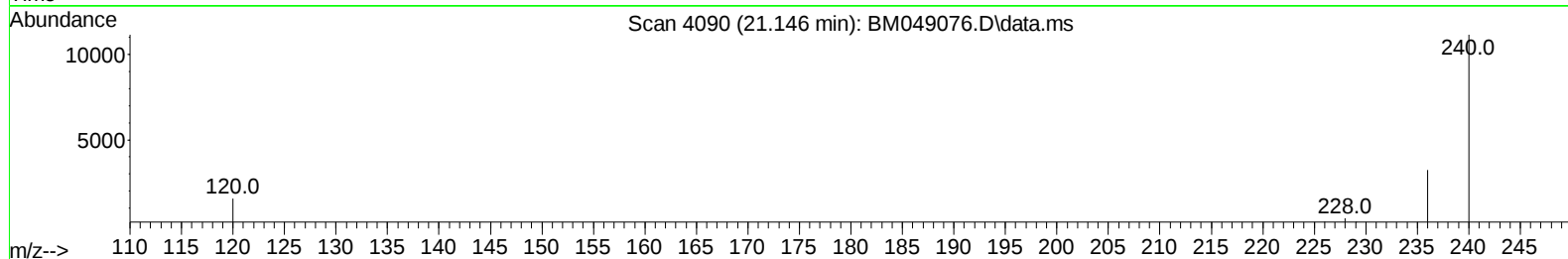
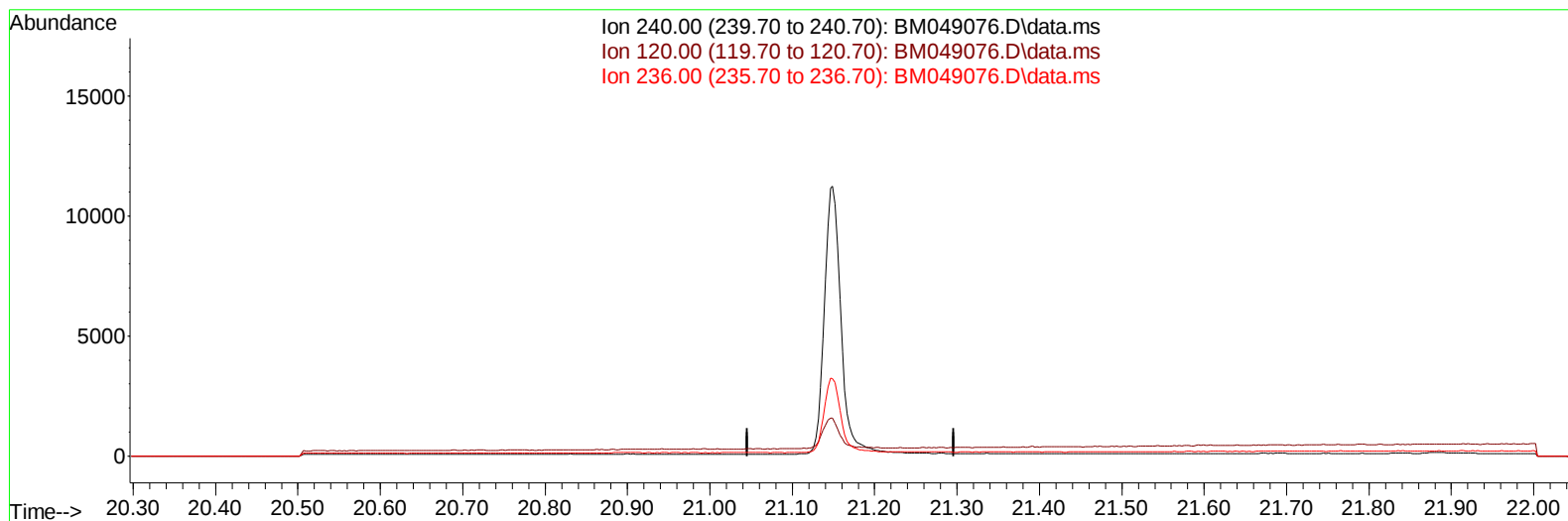
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049076.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

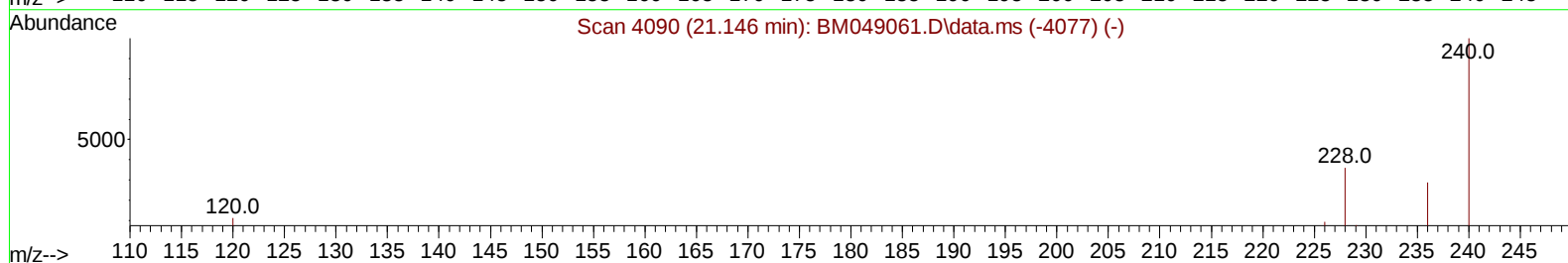
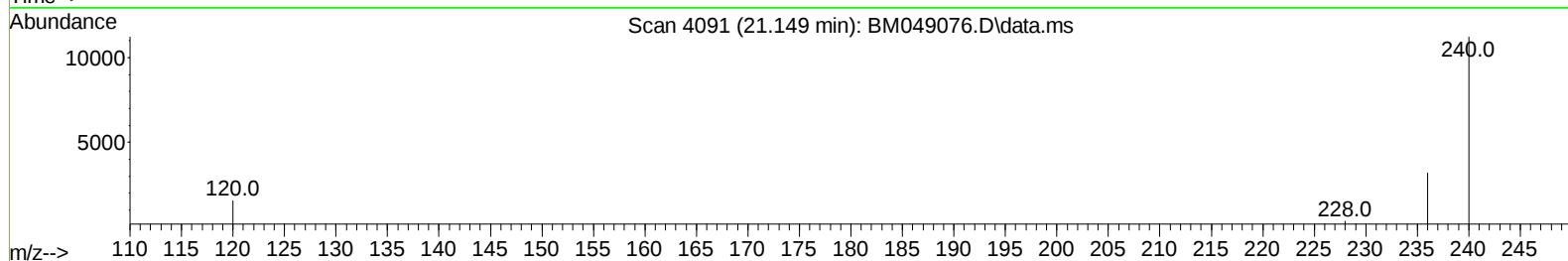
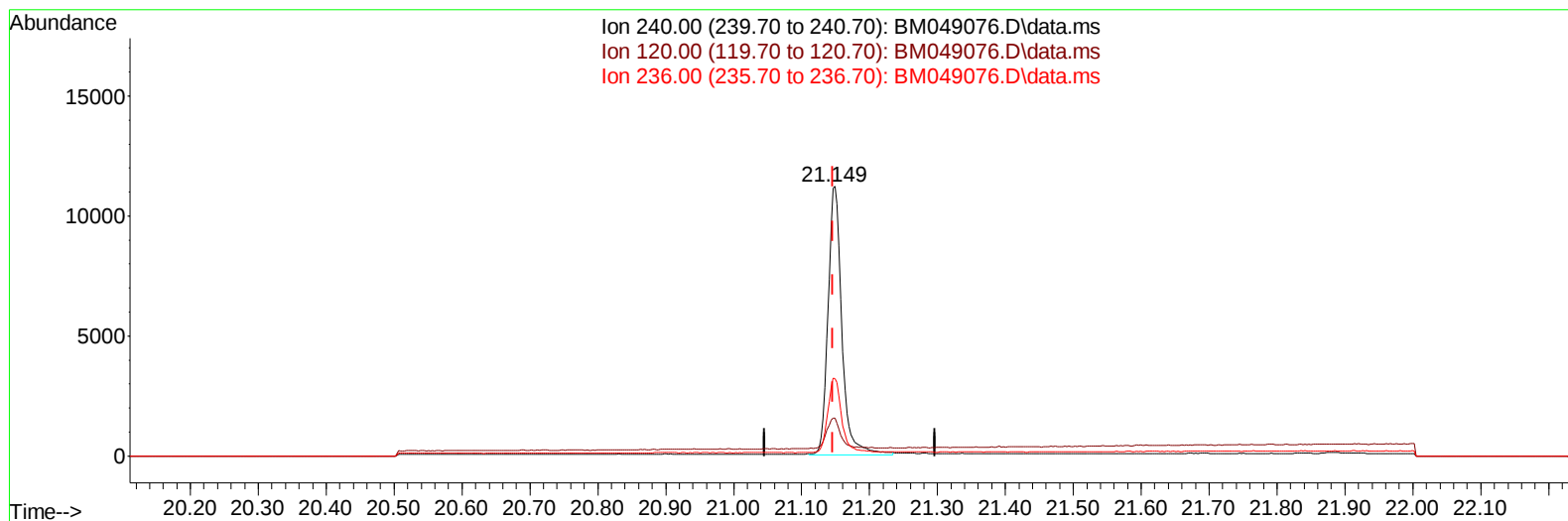
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM049076.D\data.ms

(17) Chrysene-d12

21.149min (+ 0.003) 0.40 ng/ul m

response 15918

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.94
236.00	29.80	28.60
0.00	0.00	0.00

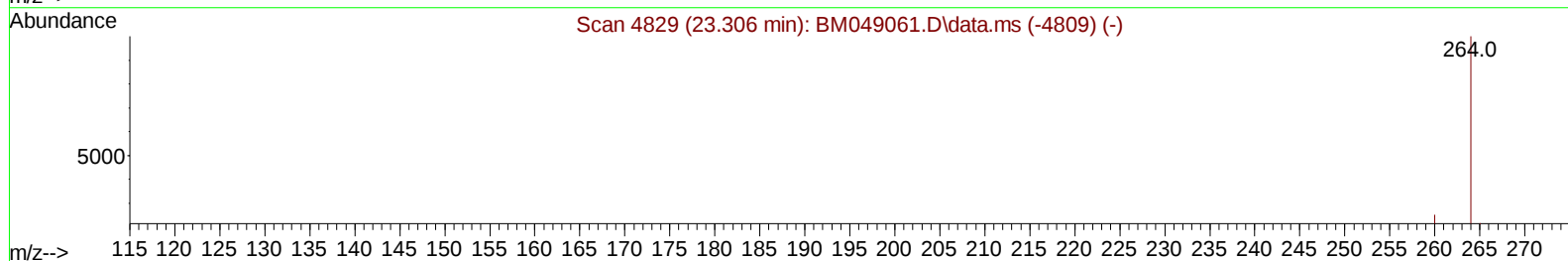
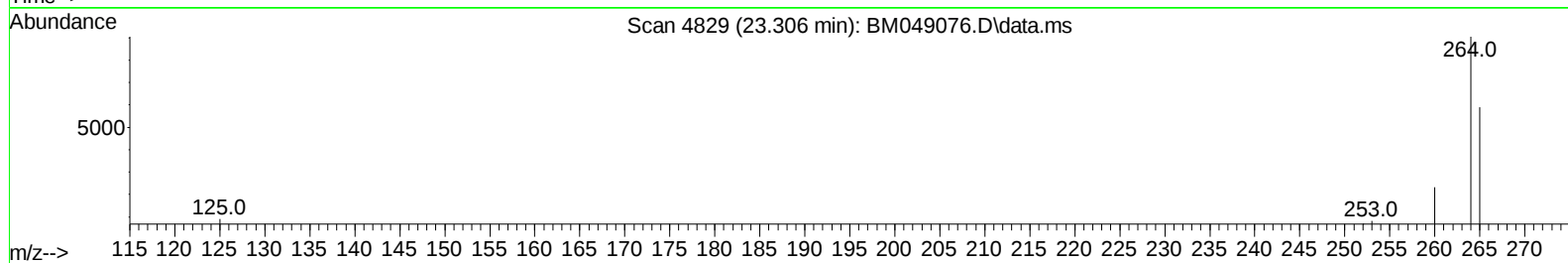
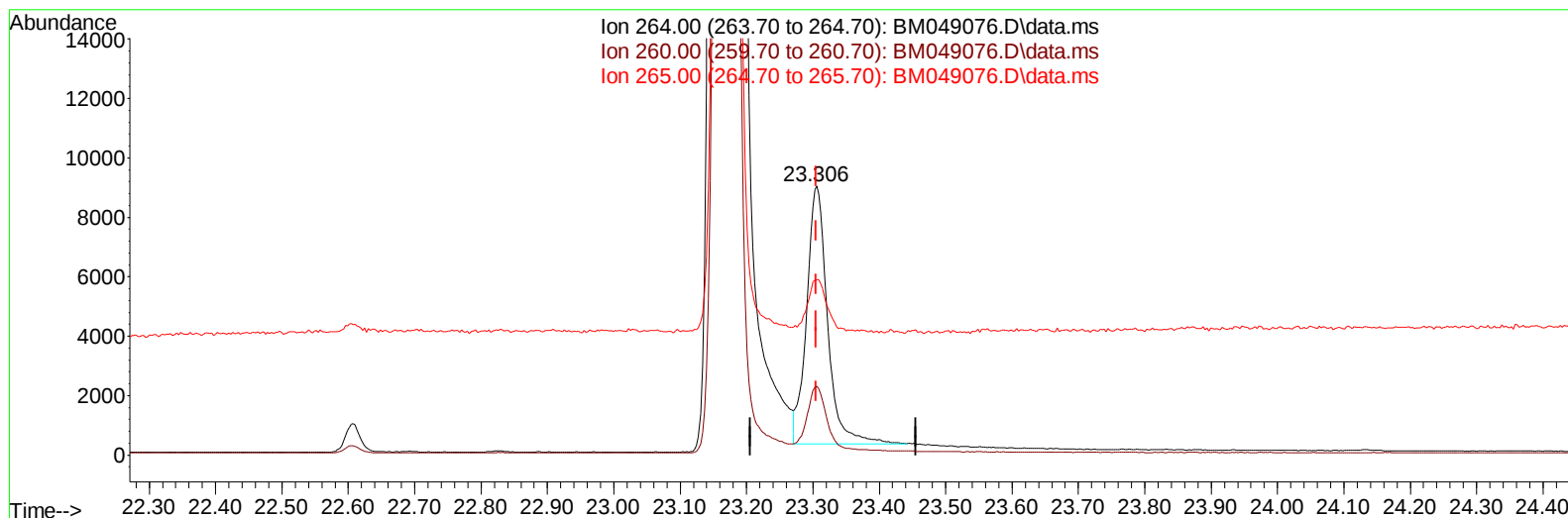
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

Manual IntegrationsAPPROVED

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TIC: BM049076.D\data.ms

(23) Perylene-d12 (I)

23.306min (+ 0.000) 0.40 ng/u1

response 19061

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.51
265.00	78.30	65.15
0.00	0.00	0.00

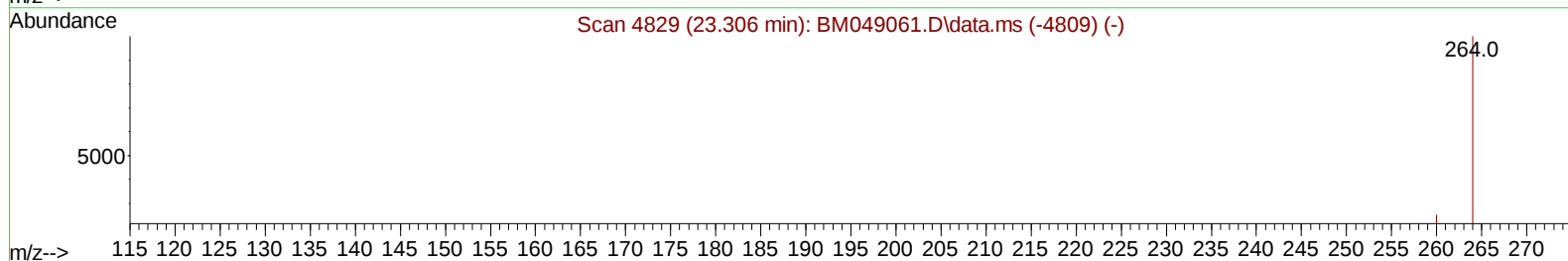
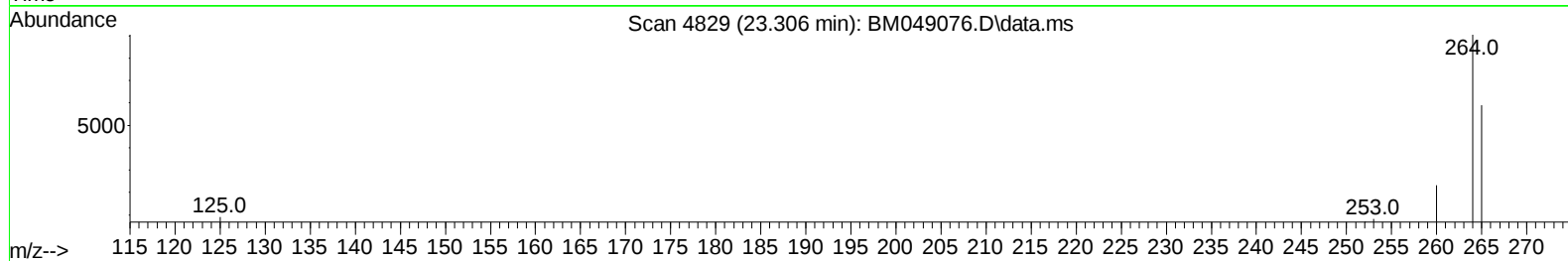
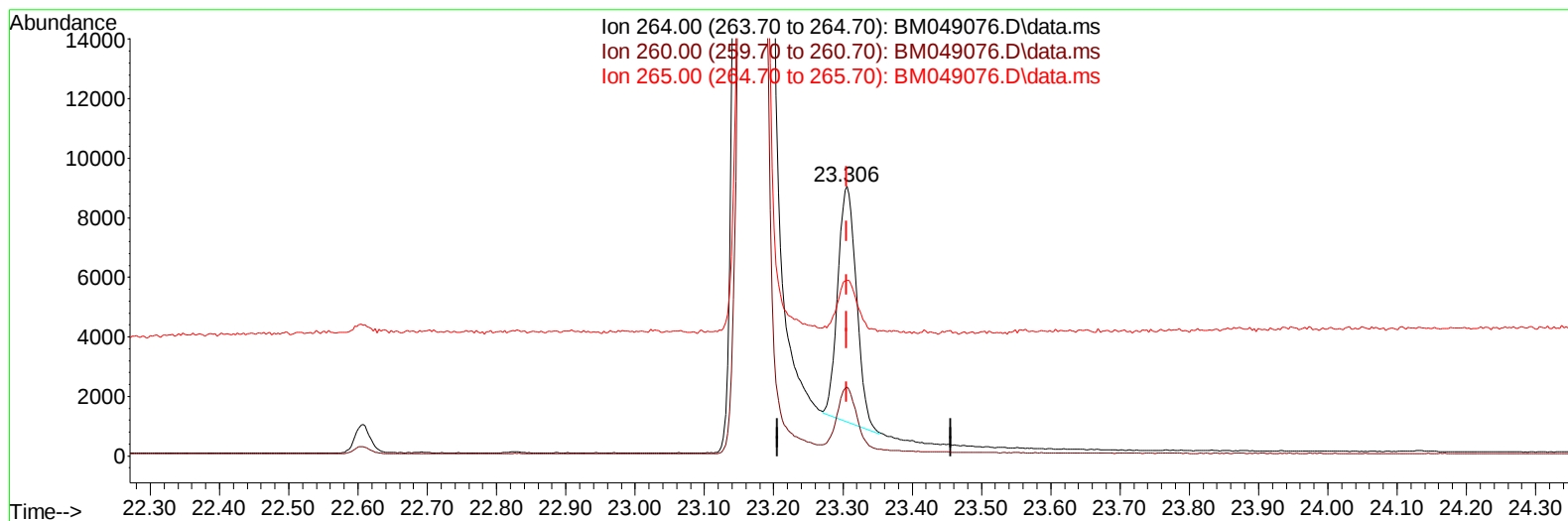
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049076.D\data.ms

(23) Perylene-d12 (I)

23.306min (+ 0.000) 0.40 ng/ul m

response 14845

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.51
265.00	78.30	65.15
0.00	0.00	0.00

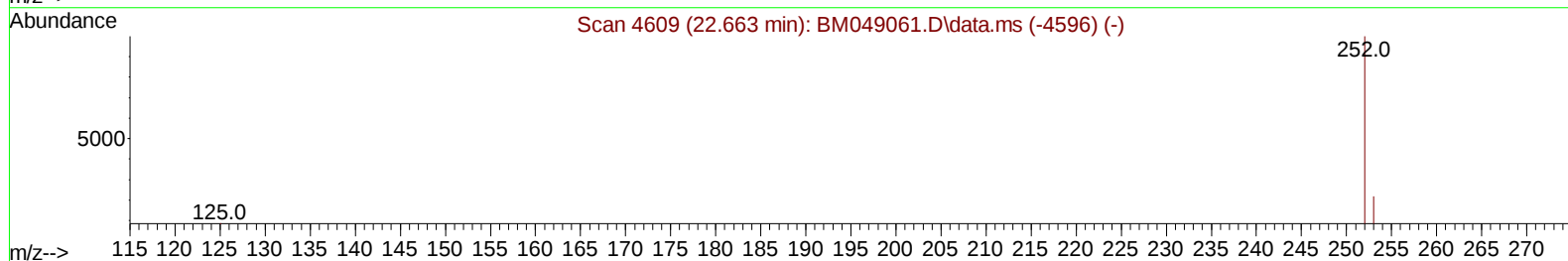
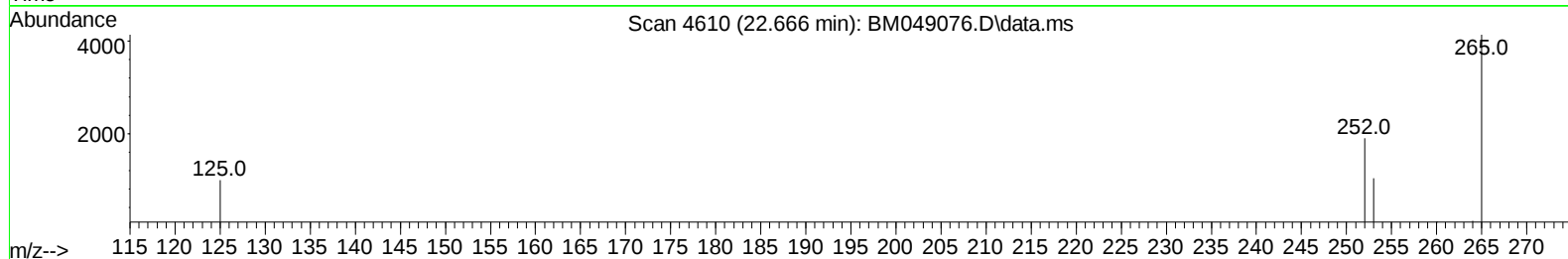
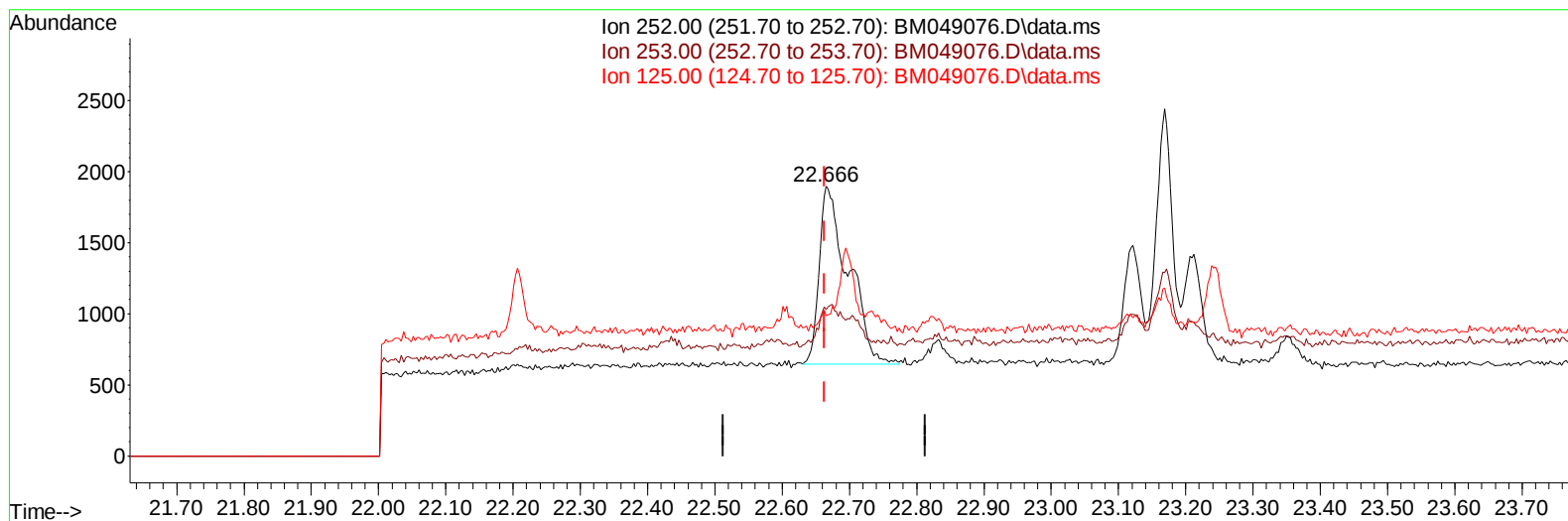
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

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TIC: BM049076.D\data.ms

(24) Benzo(b)fluoranthene

22.666min (+ 0.003) 0.08 ng/u1

response 3744

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	54.32#
125.00	15.40	51.90#
0.00	0.00	0.00

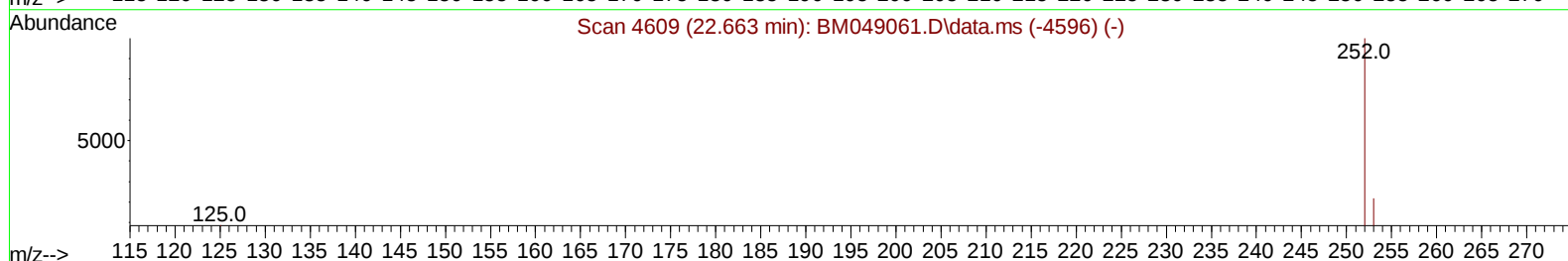
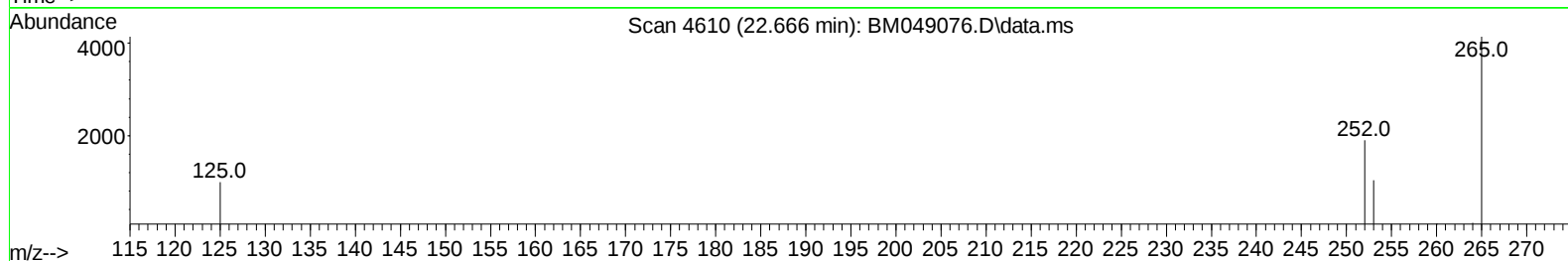
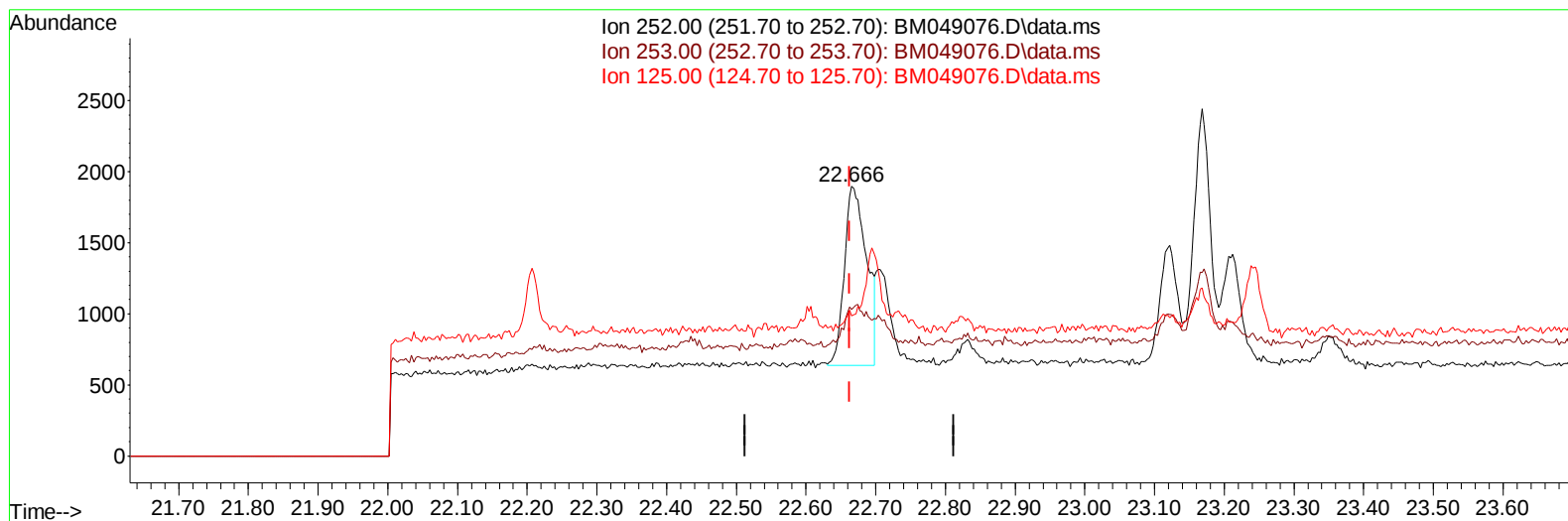
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
Acq On : 19 Dec 2024 18:30
Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 22:25:56 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
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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049076.D\data.ms

(24) Benzo(b)fluoranthene

22.666min (+ 0.003) 0.06 ng/u1 m

response 2778

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	54.32#
125.00	15.40	51.90#
0.00	0.00	0.00

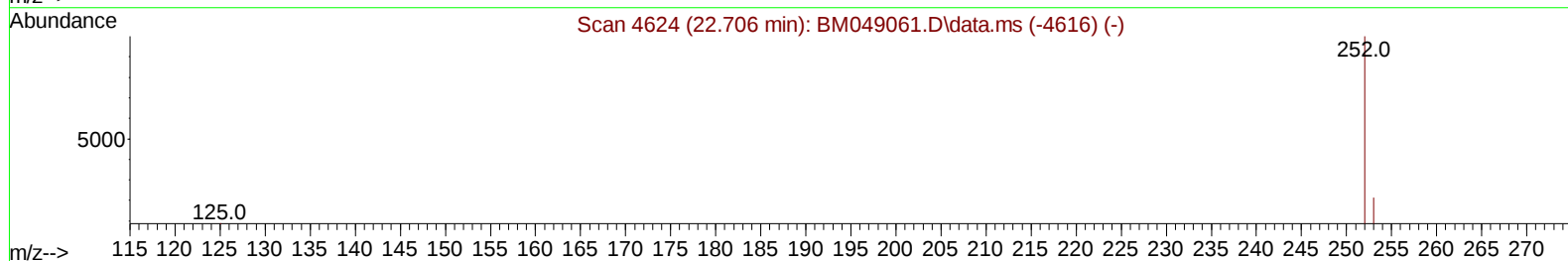
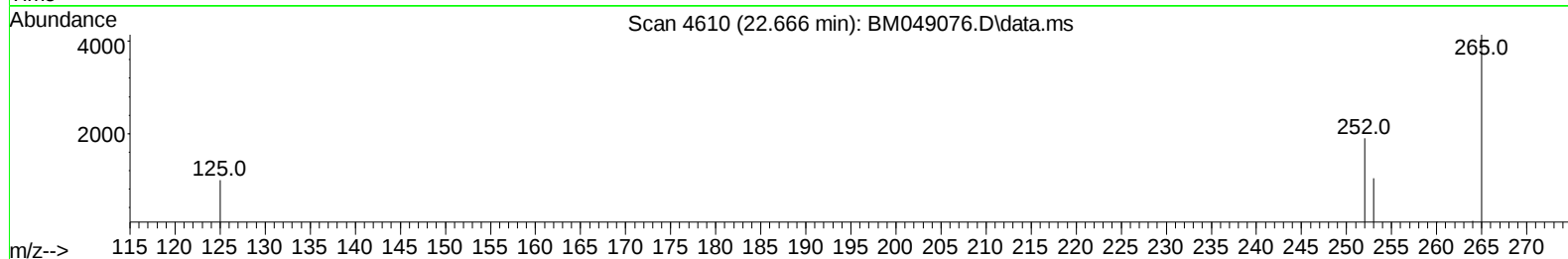
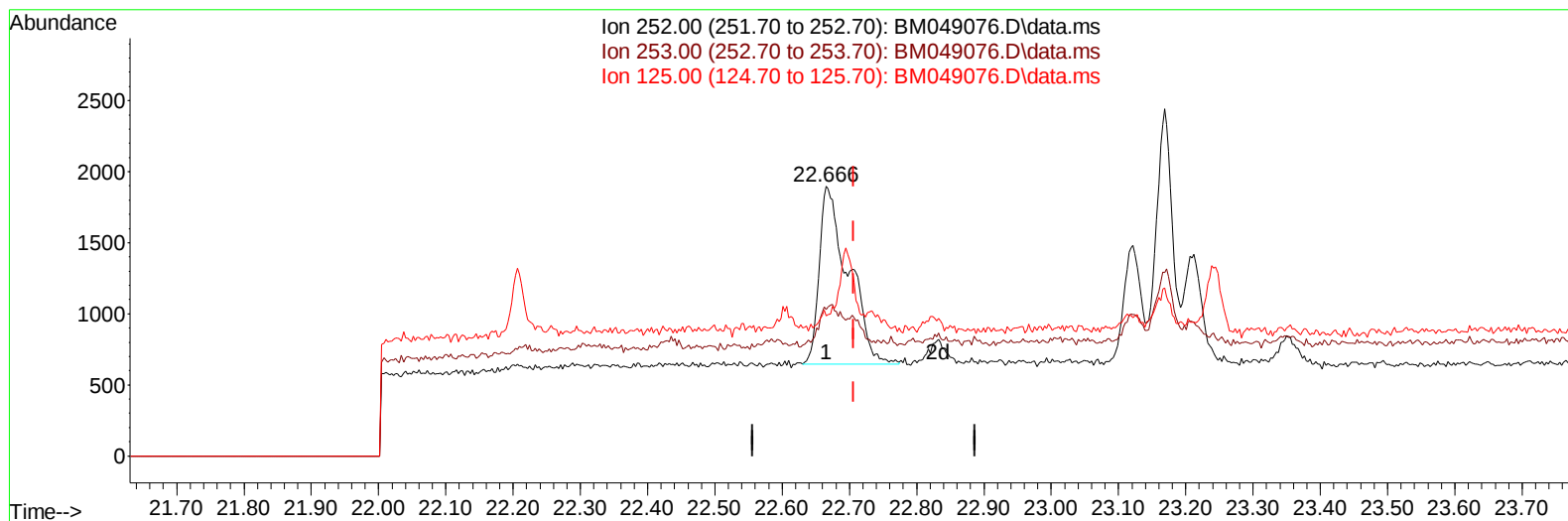
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Data File : BM049076.D
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Operator : RC/JU
Sample : P5226-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AQ7

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TIC: BM049076.D\data.ms

(25) Benzo(k)fluoranthene

22.666min (-0.041) 0.07 ng/u1

response 3744

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	54.32#
125.00	15.70	51.90#
0.00	0.00	0.00

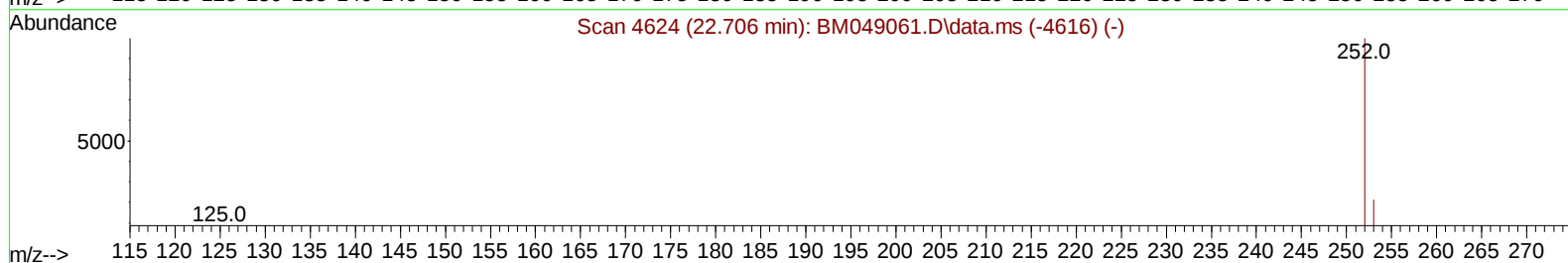
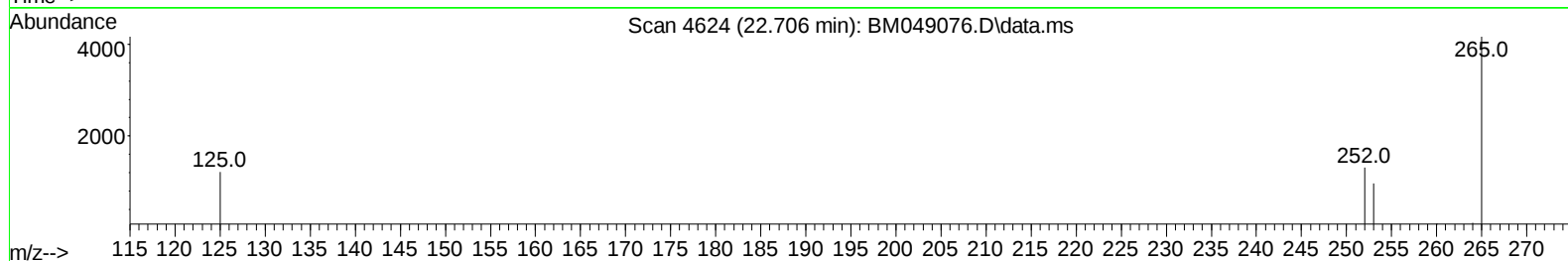
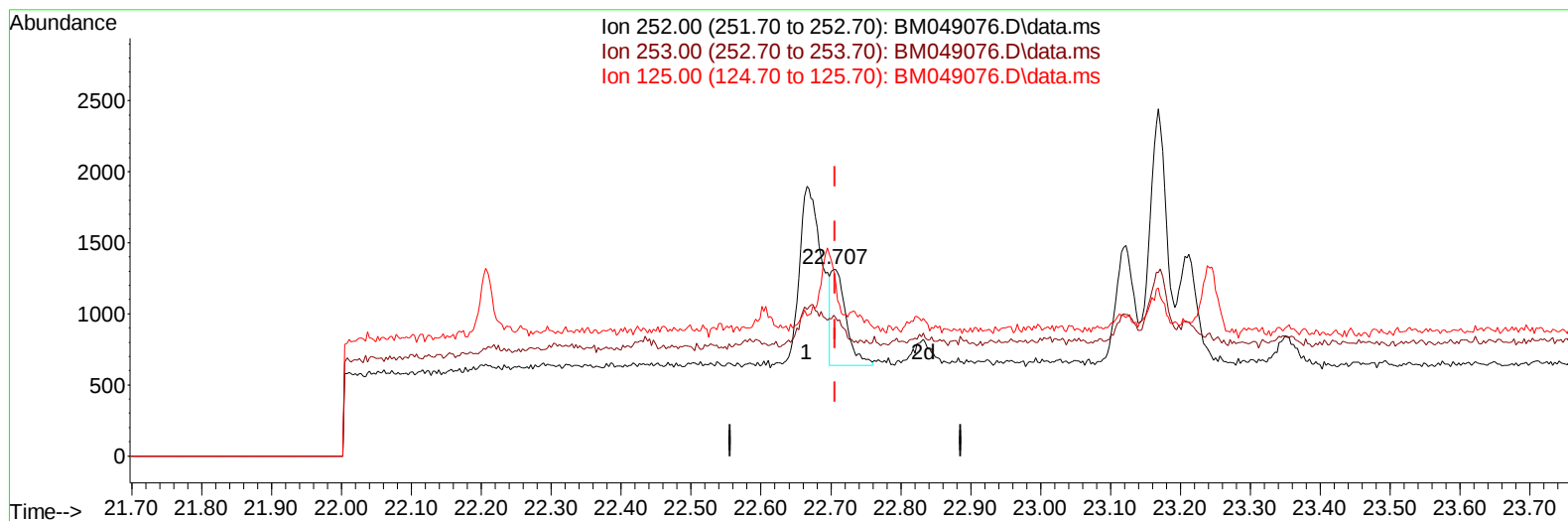
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049076.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM049076.D\data.ms

(25) Benzo(k)fluoranthene

22.706min (+ 0.000) 0.02 ng/u1 m

response 1010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	73.95#
125.00	15.70	92.99#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049076.D
 Acq On : 19 Dec 2024 18:30
 Operator : RC/JU
 Sample : P5226-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AQ7

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.565	152		5986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136		17848	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.200	164		9612	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188		20588m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240		15918m	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264		14845m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.151	96		23700	3.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152		4698	0.196	ng/ul	0.00
18) Fluoranthene-d10	18.982	212		8832	0.196	ng/ul	0.00
Target Compounds							
						Qvalue	
19) Fluoranthene	19.010	202		2551	0.044	ng/ul#	88
20) Pyrene	19.373	202		2198	0.036	ng/ul#	84
22) Chrysene	21.184	228		1818	0.031	ng/ul#	87
24) Benzo(b)fluoranthene	22.666	252		2778m	0.059	ng/ul	
26) Benzo(a)pyrene	23.212	252		1335	0.029	ng/ul#	14
27) Indeno(1,2,3-cd)pyrene	25.447	276		1453	0.023	ng/ul#	96
29) Benzo(g,h,i)perylene	26.101	276		1691	0.033	ng/ul#	67

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

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