

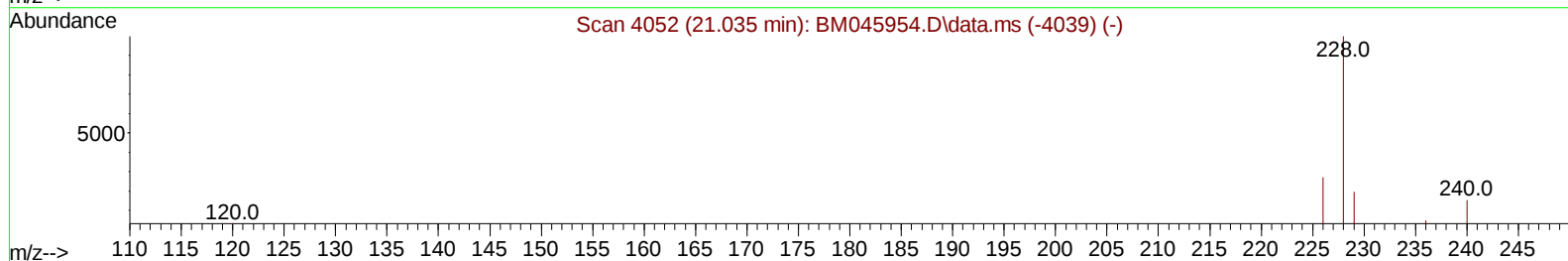
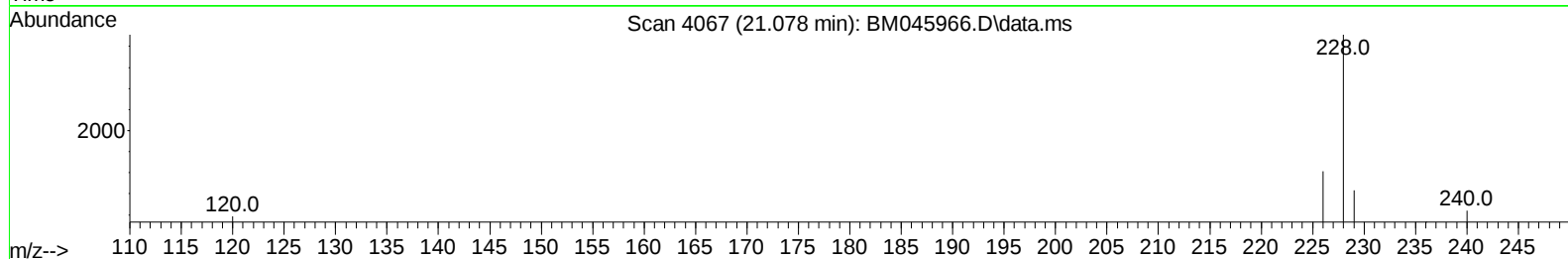
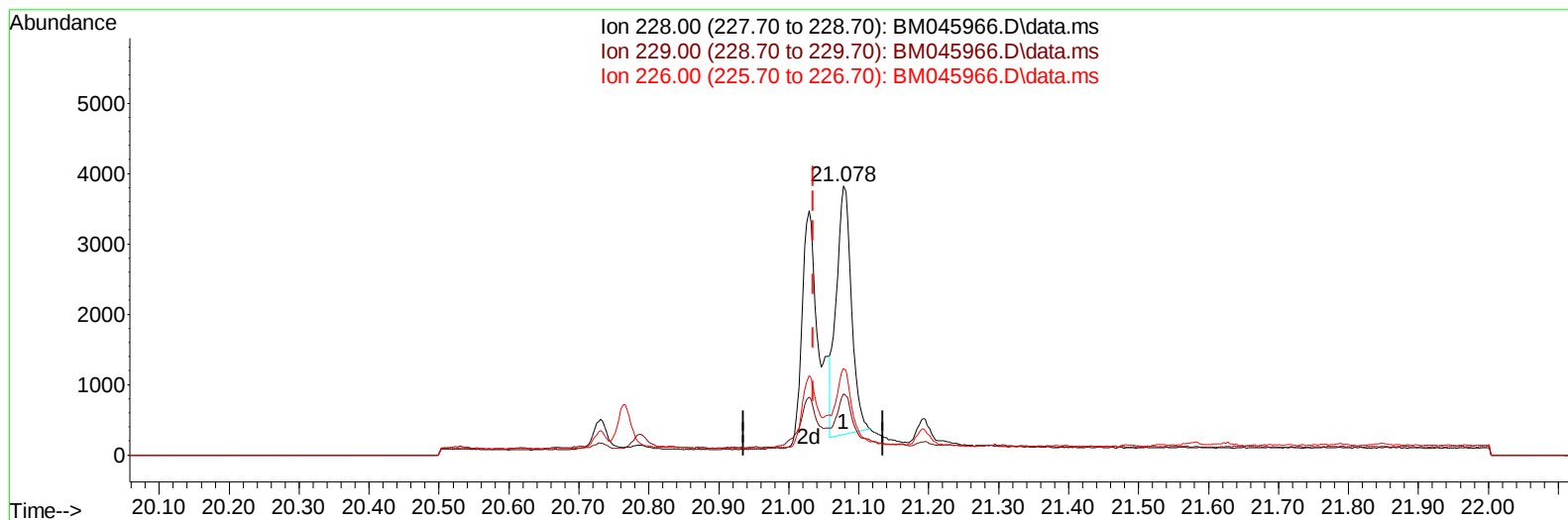
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045966.D
 Acq On : 11 Jun 2024 00:23
 Operator : MA/JU
 Sample : P2642-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045966.D\data.ms

(21) Benzo(a)anthracene

21.078min (+ 0.043) 0.14 ng/u1

response 5313

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.71
226.00	27.50	32.26
0.00	0.00	0.00

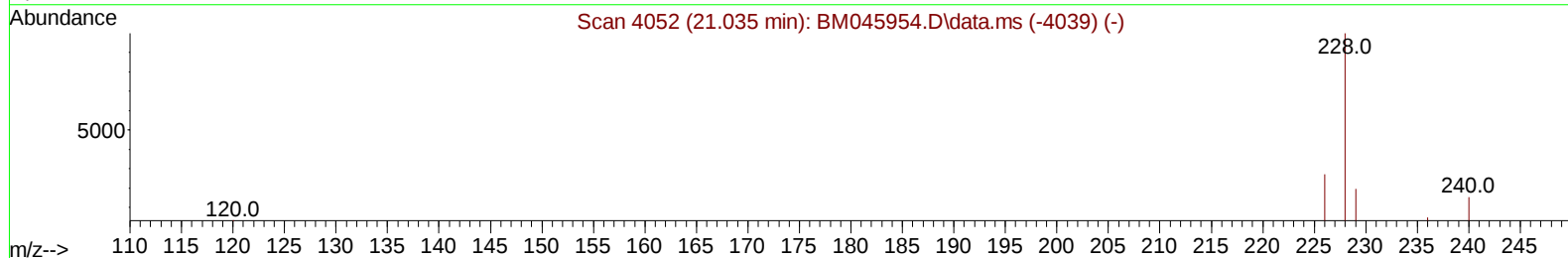
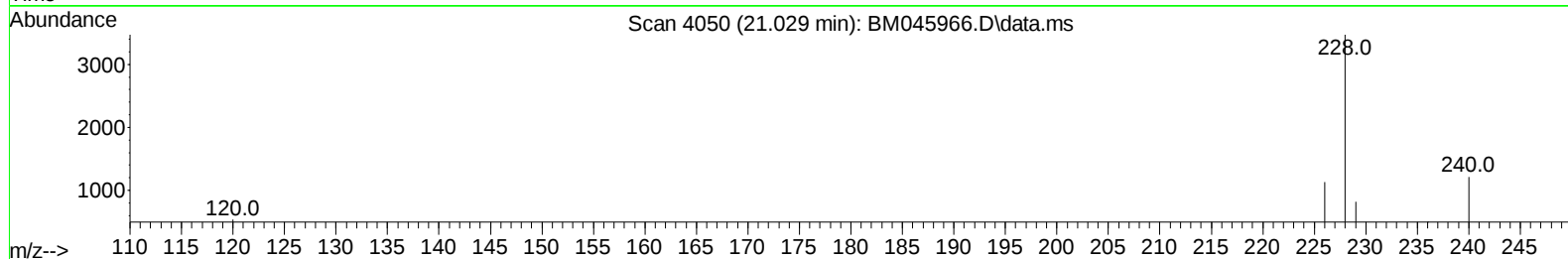
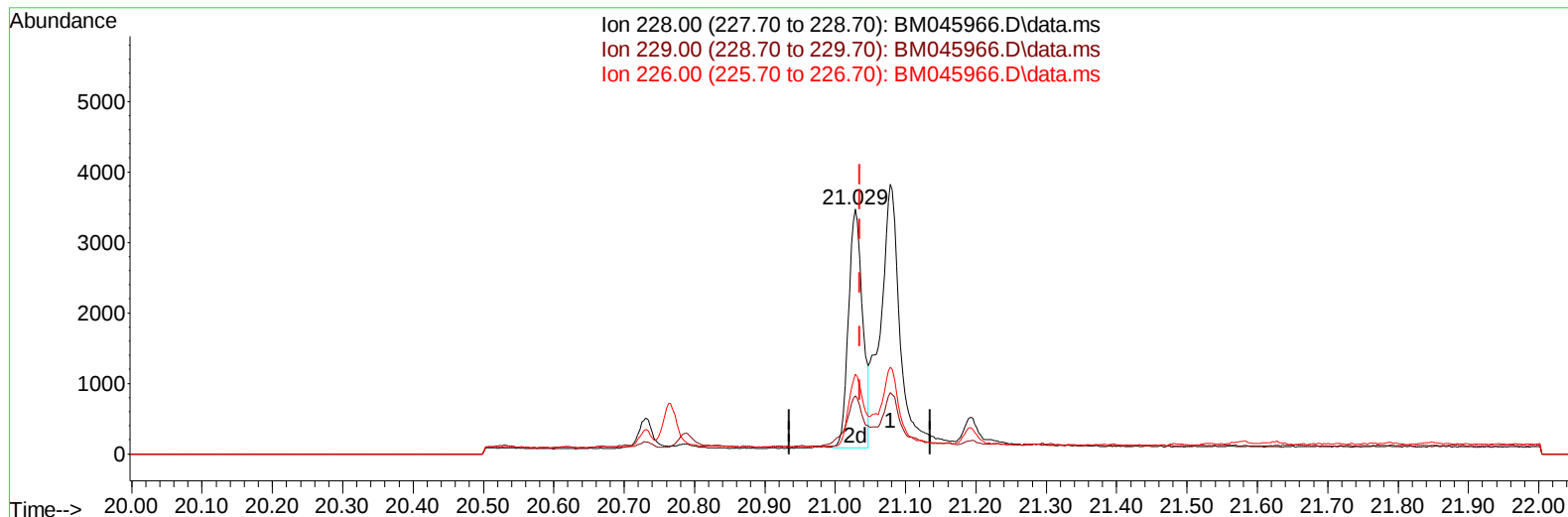
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045966.D\data.ms

(21) Benzo(a)anthracene

21.029min (-0.006) 0.13 ng/u1 m

response 4750

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.65#
226.00	27.50	32.69
0.00	0.00	0.00

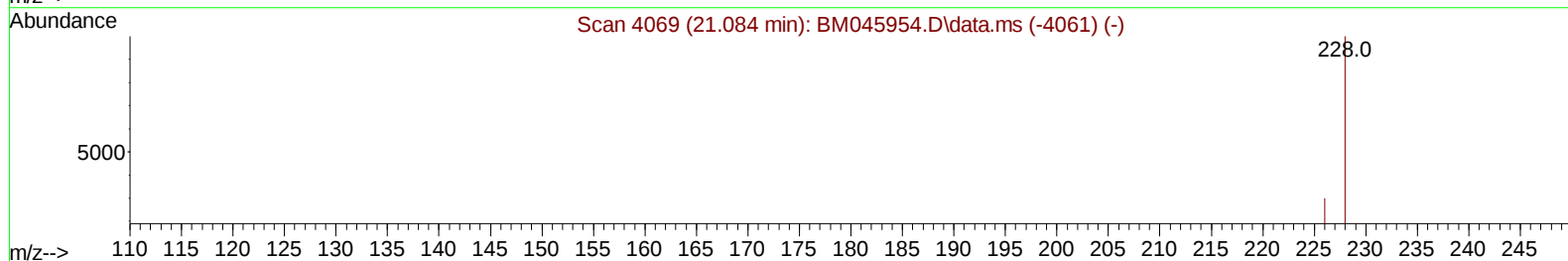
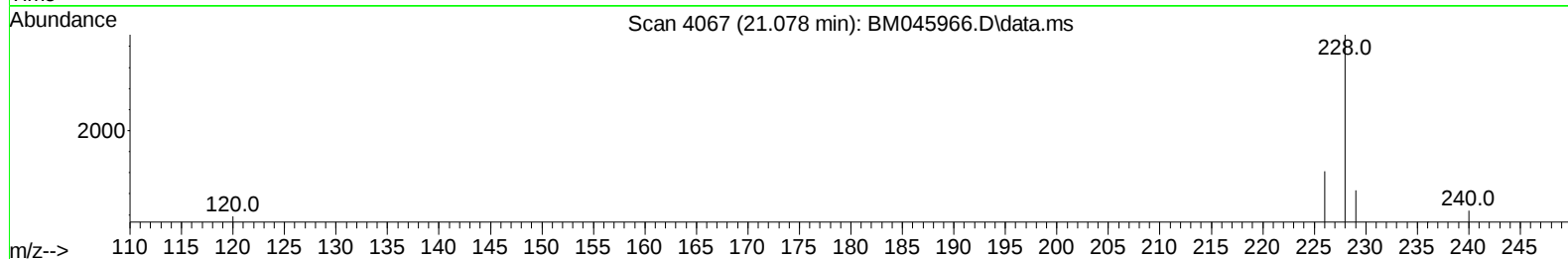
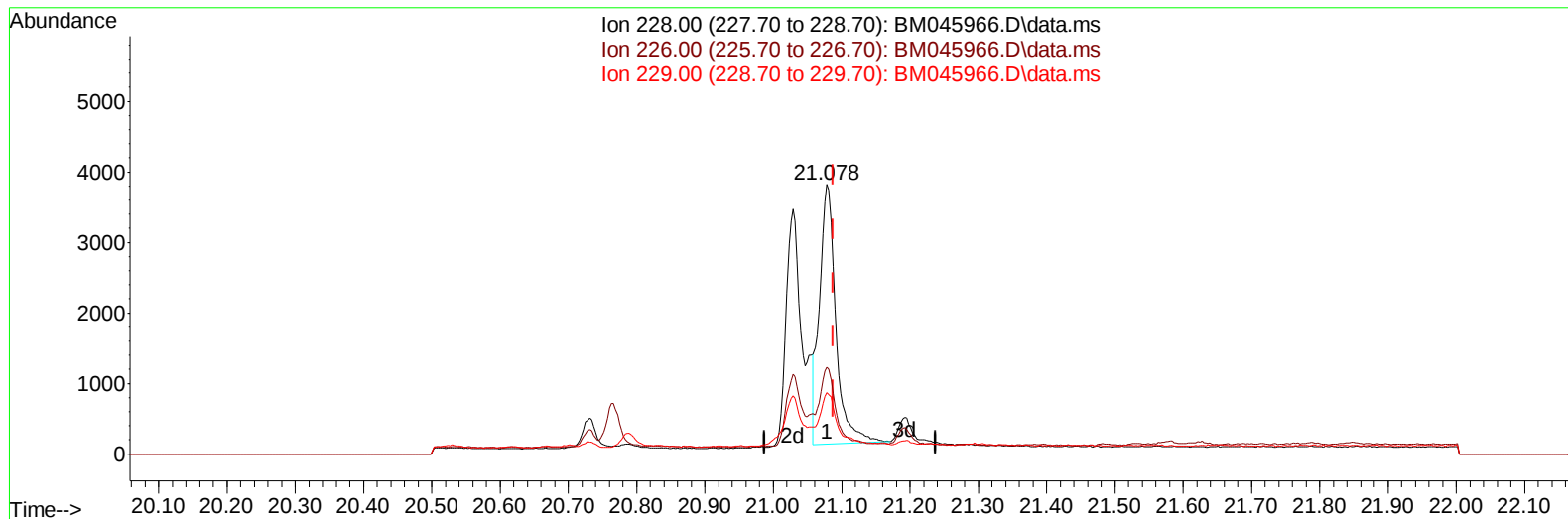
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
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TIC: BM045966.D\data.ms

(22) Chrysene

21.078min (-0.009) 0.15 ng/u1

response 6146

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	32.26
229.00	20.20	22.71
0.00	0.00	0.00

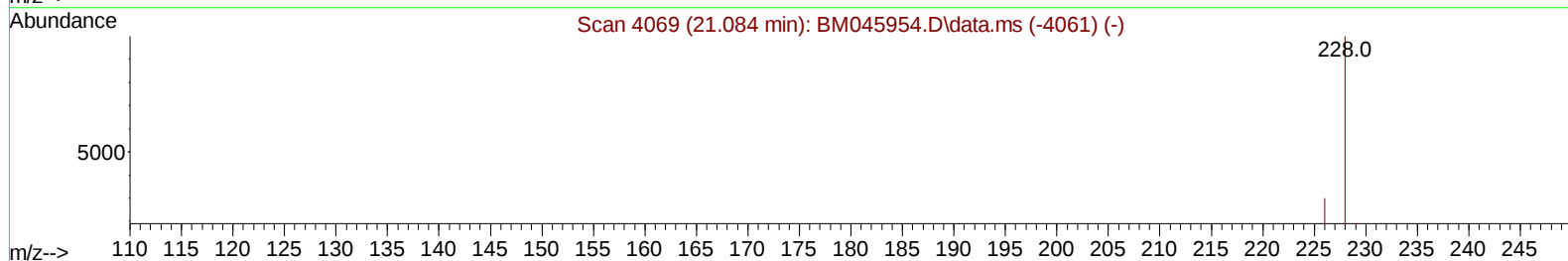
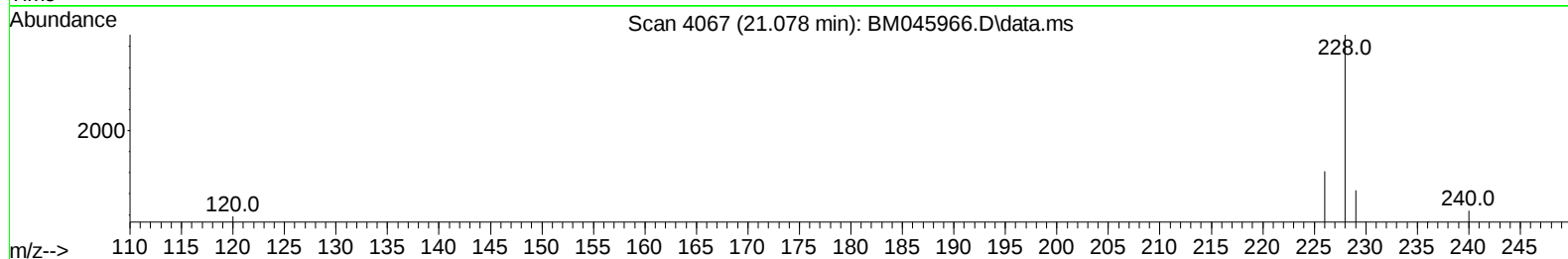
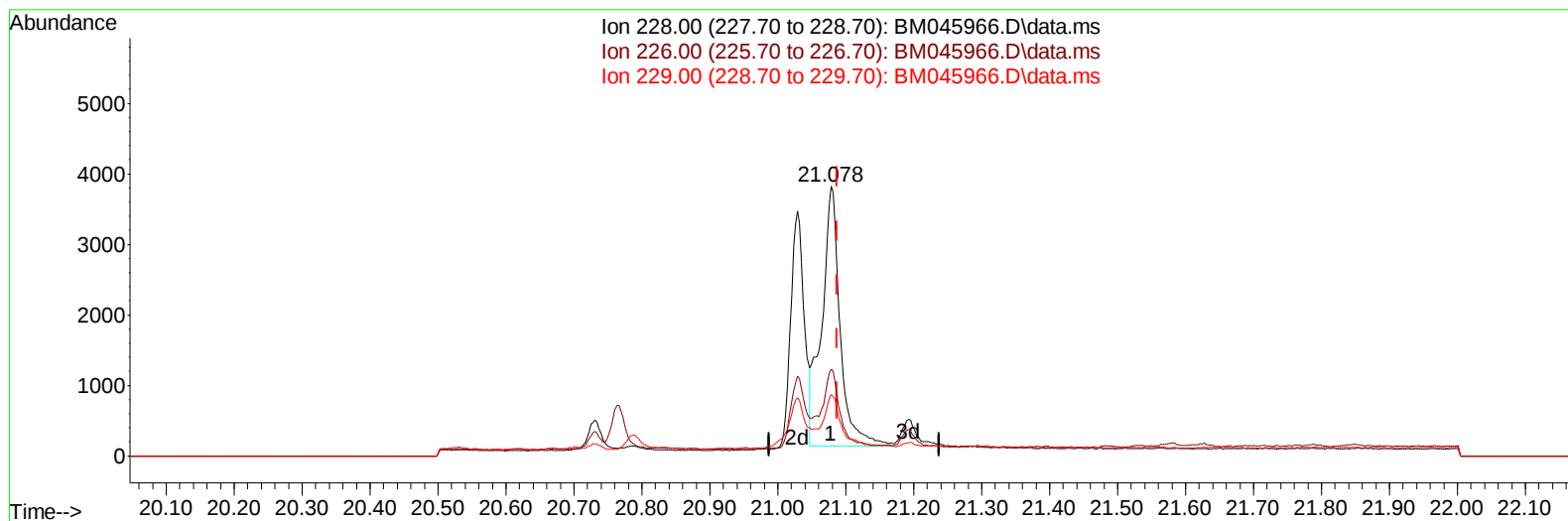
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM045966.D\data.ms

(22) Chrysene

21.078min (-0.009) 0.18 ng/u1 m

response 7060

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	32.26
229.00	20.20	22.71
0.00	0.00	0.00

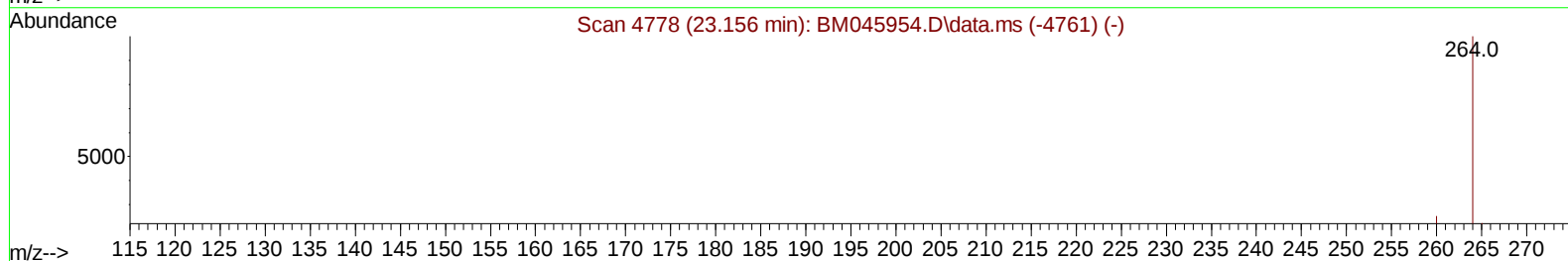
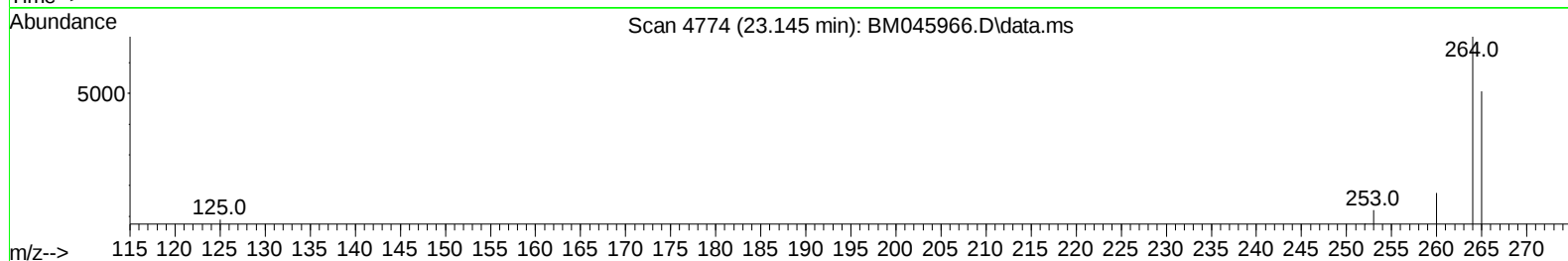
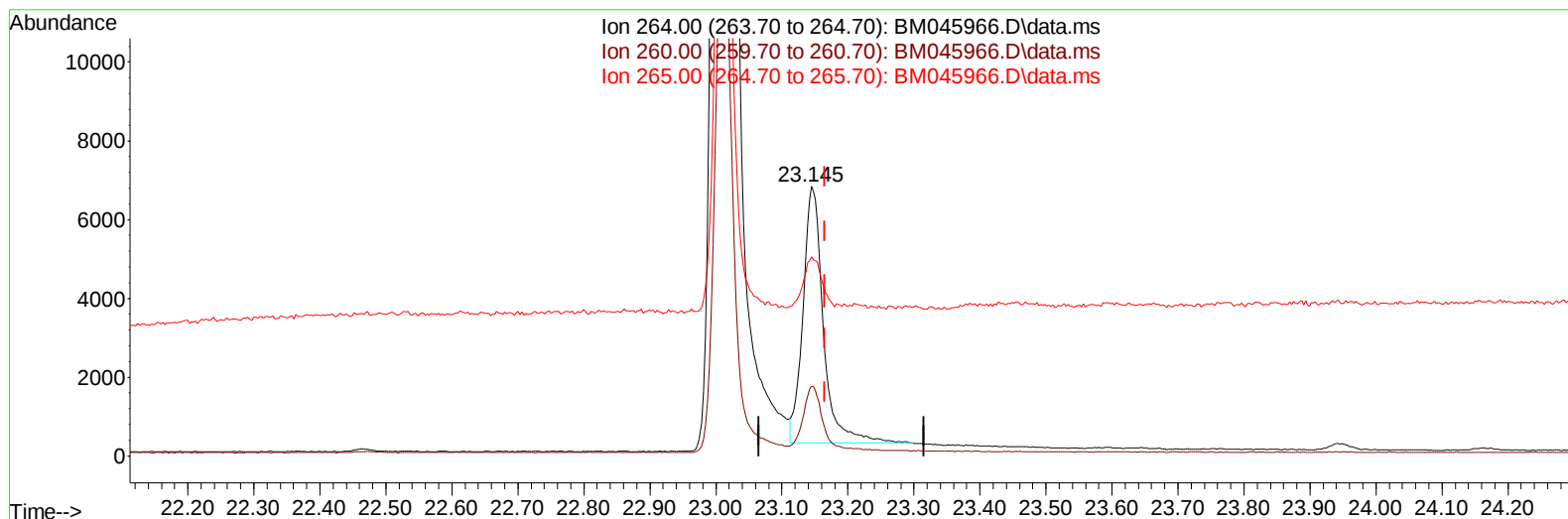
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045966.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/u1

response 14006

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.83
265.00	76.60	74.01
0.00	0.00	0.00

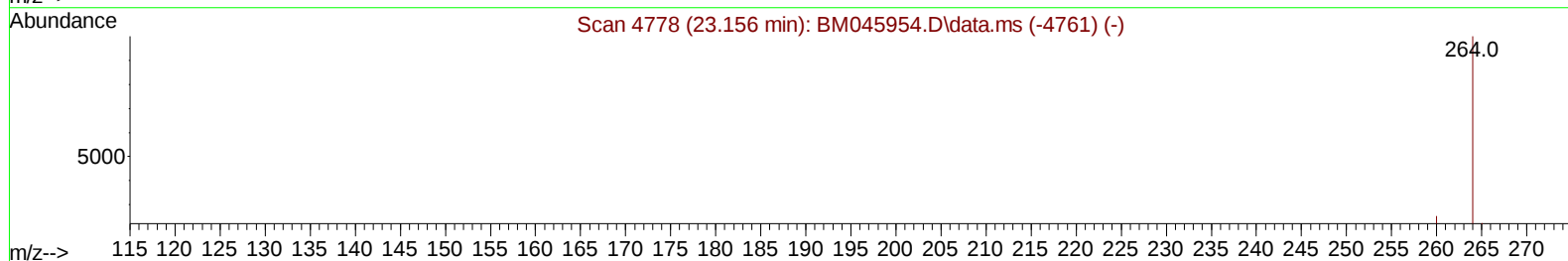
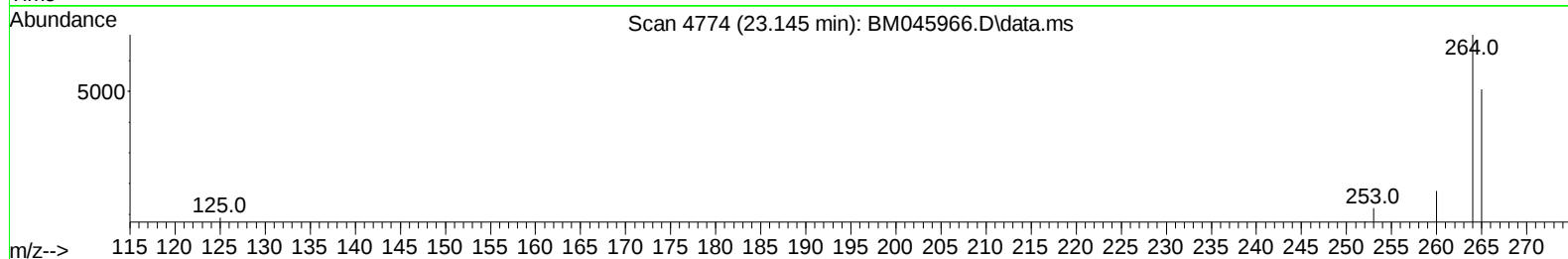
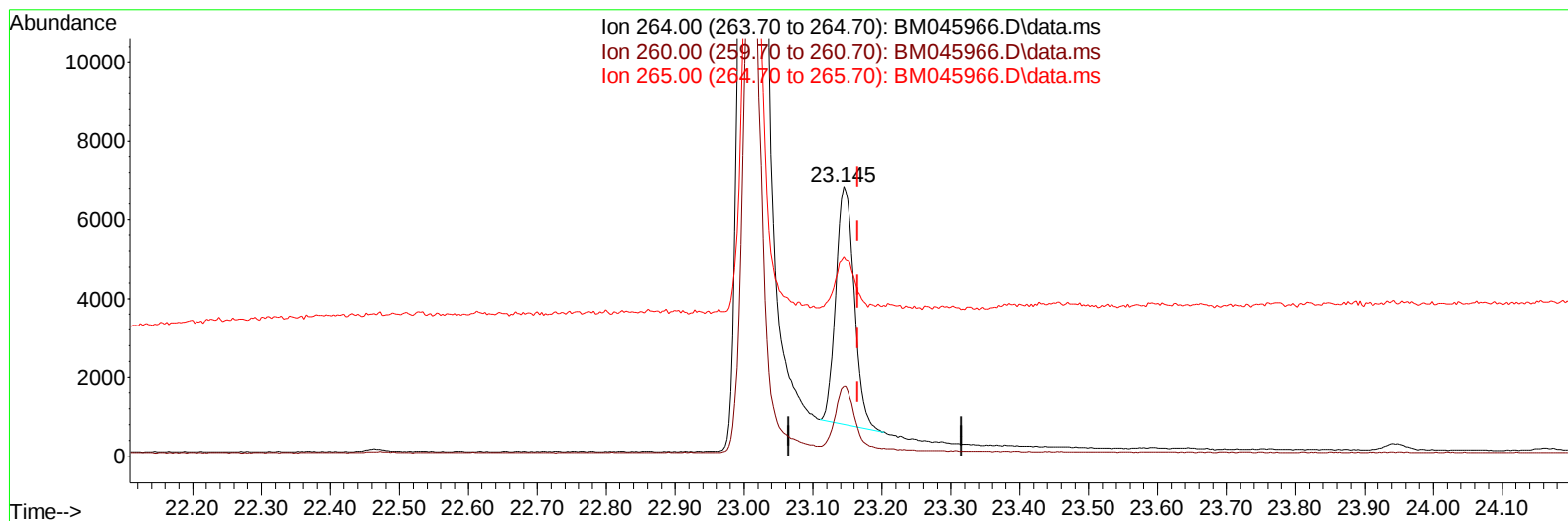
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045966.D\data.ms

(23) Perylene-d12 (I)

23.145min (-0.021) 0.40 ng/ul m

response 11156

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.83
265.00	76.60	74.01
0.00	0.00	0.00

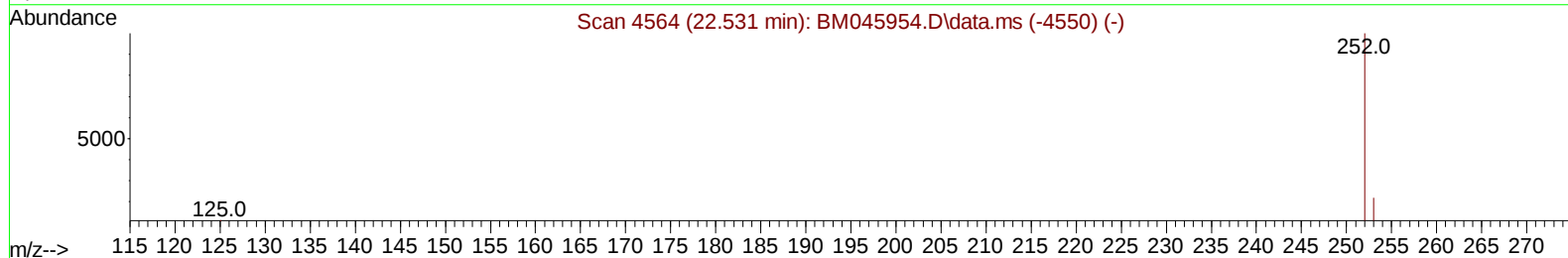
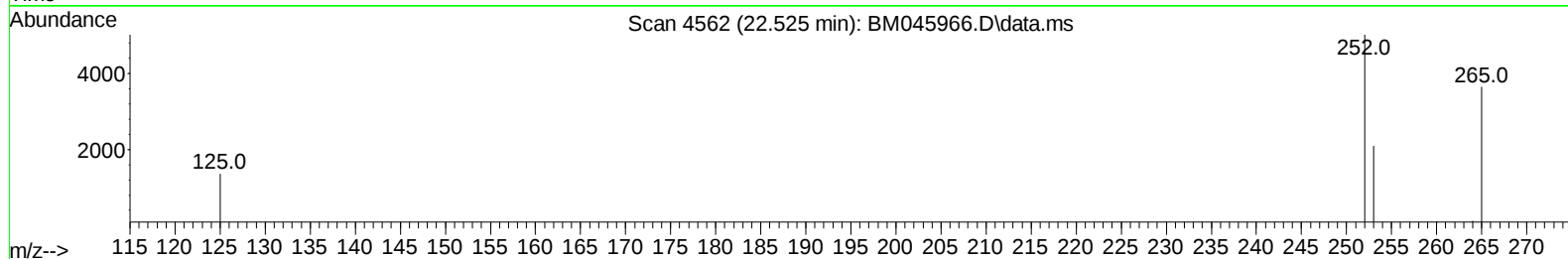
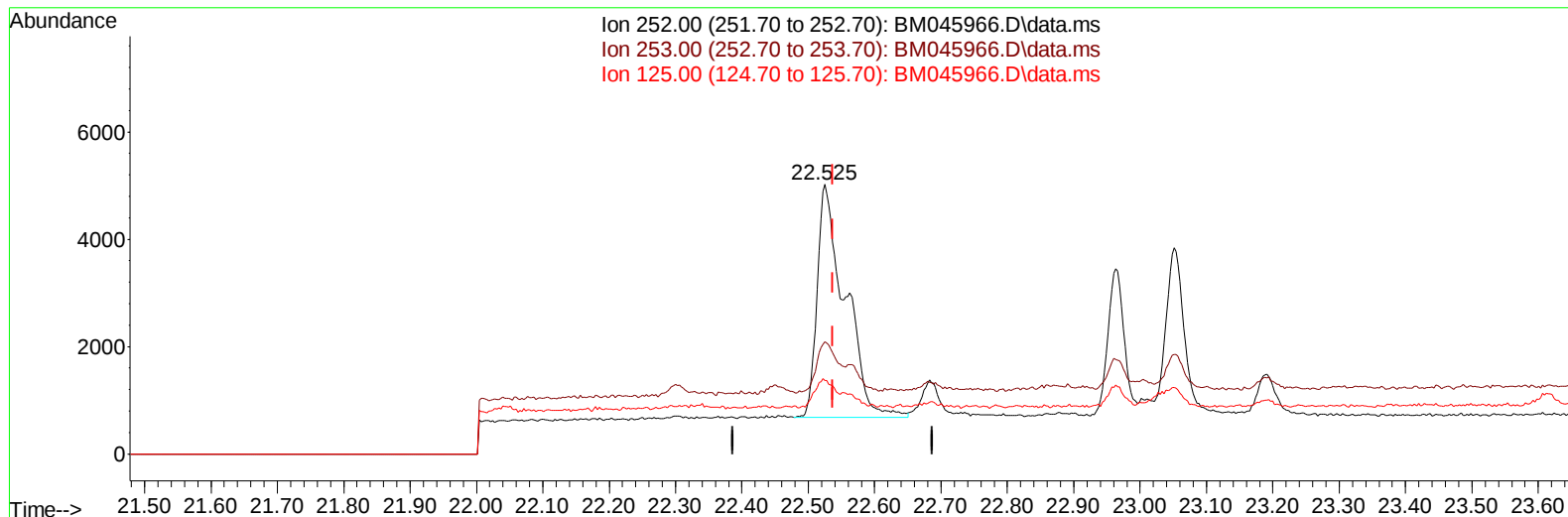
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

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TIC: BM045966.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 0.34 ng/u1

response 12684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	41.73
125.00	17.90	27.21
0.00	0.00	0.00

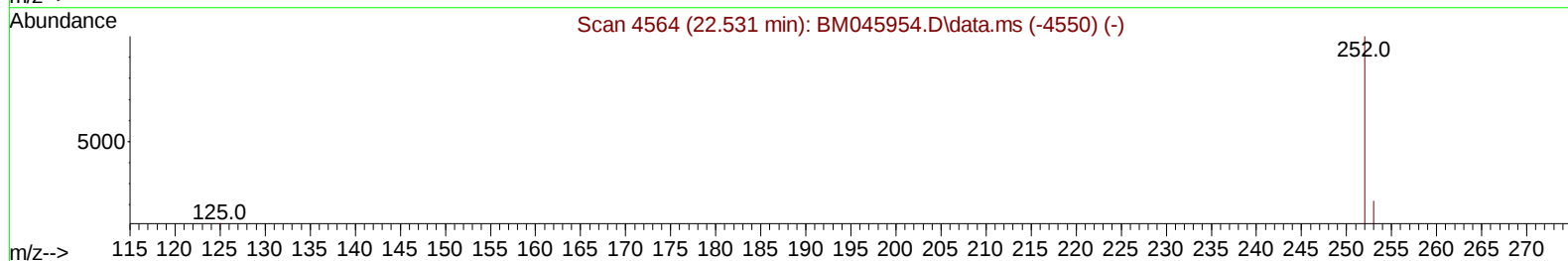
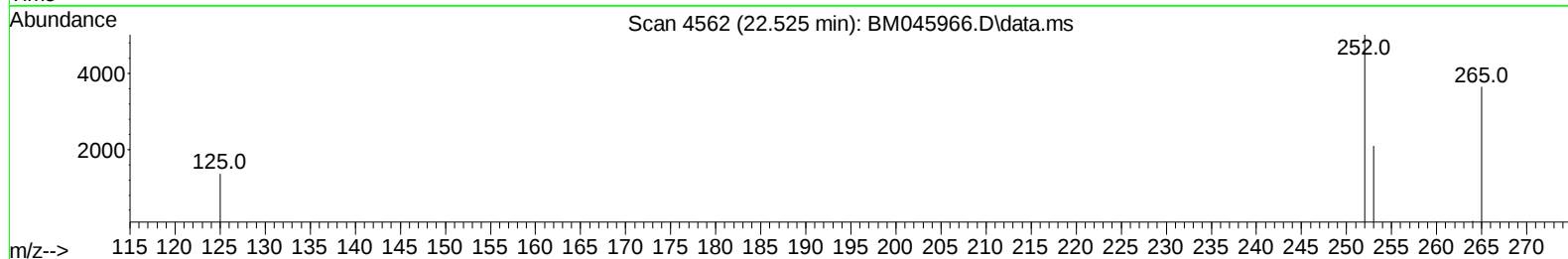
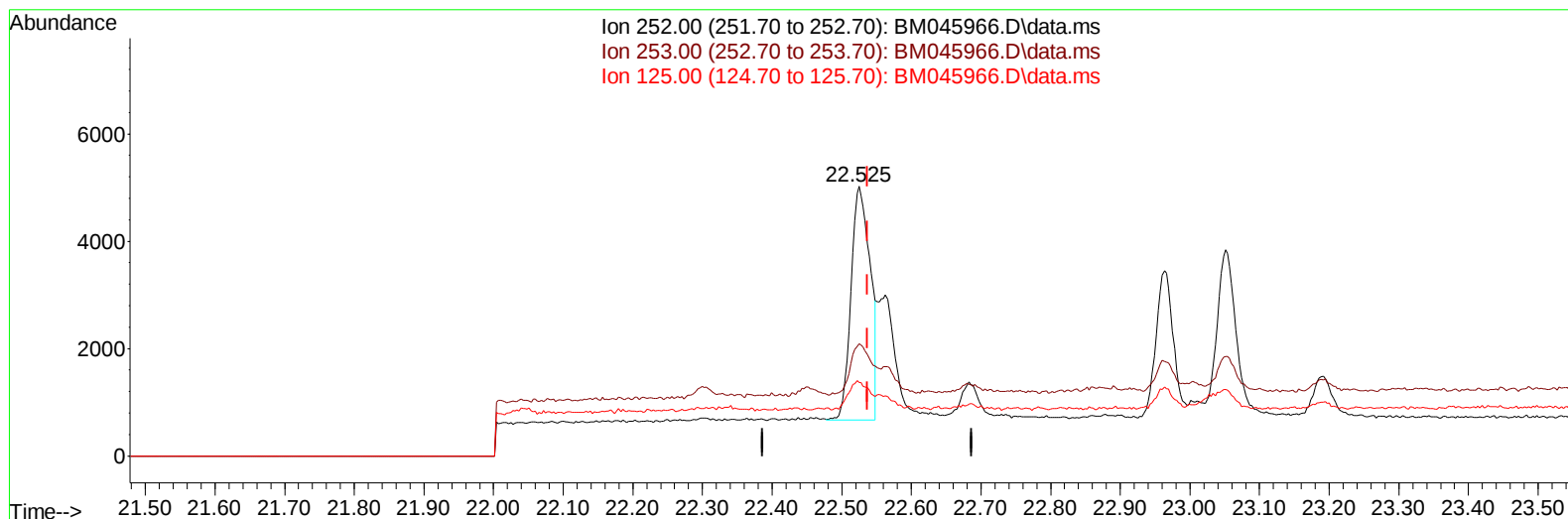
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 00:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration

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TIC: BM045966.D\data.ms

(24) Benzo(b)fluoranthene

22.525min (-0.012) 0.23 ng/u1 m

response 8375

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	41.73
125.00	17.90	27.21
0.00	0.00	0.00

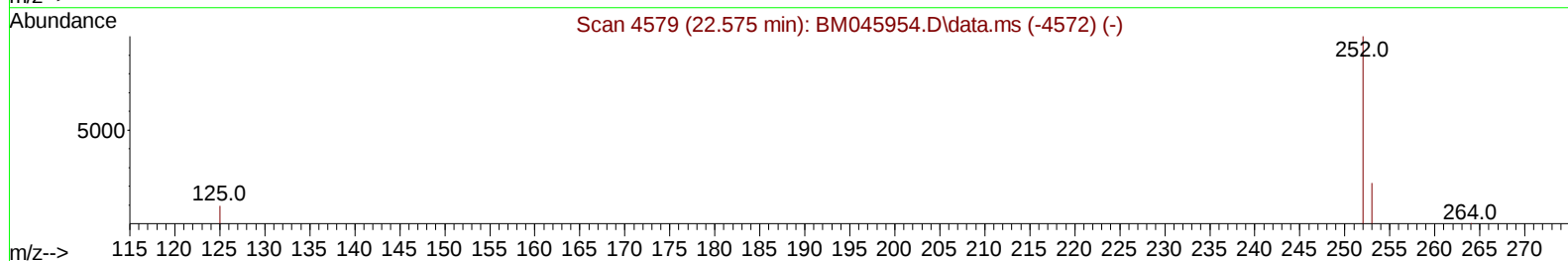
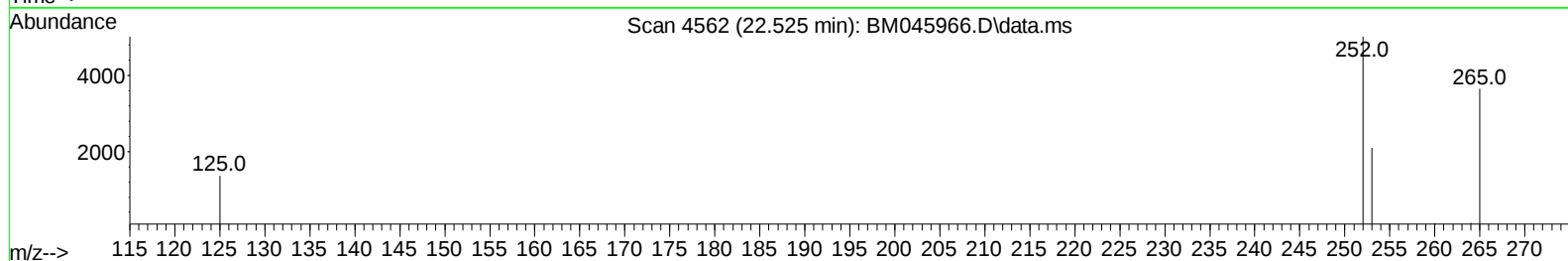
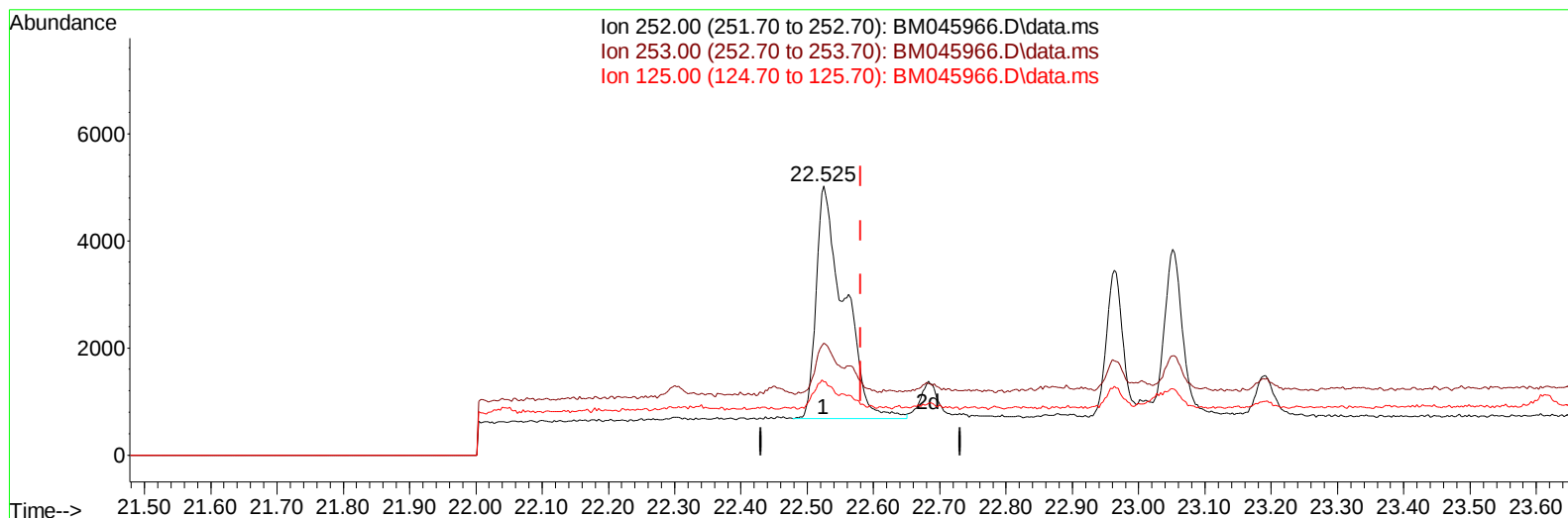
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045966.D
Acq On : 11 Jun 2024 00:23
Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BH6DL

Manual IntegrationsAPPROVED

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TIC: BM045966.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.056) 0.31 ng/u1

response 12684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	41.73#
125.00	17.70	27.21#
0.00	0.00	0.00

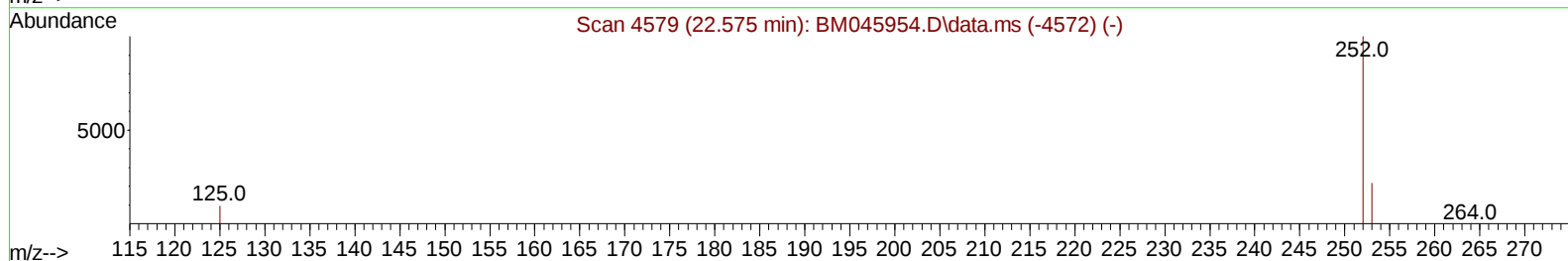
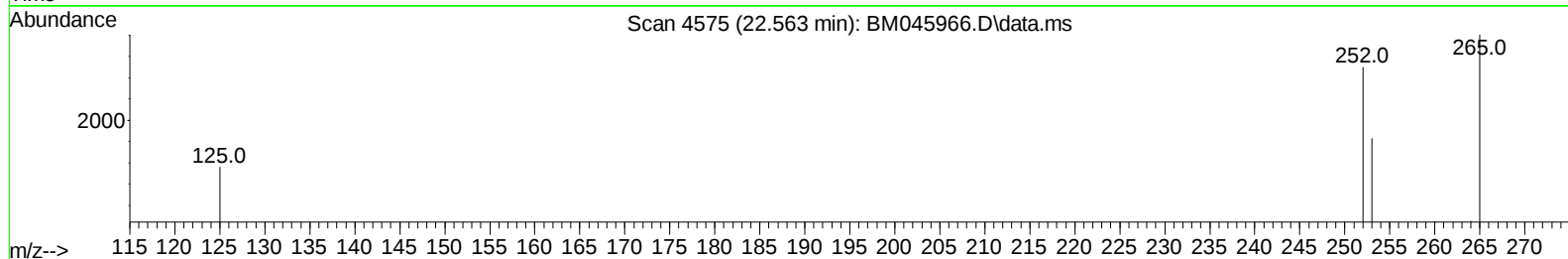
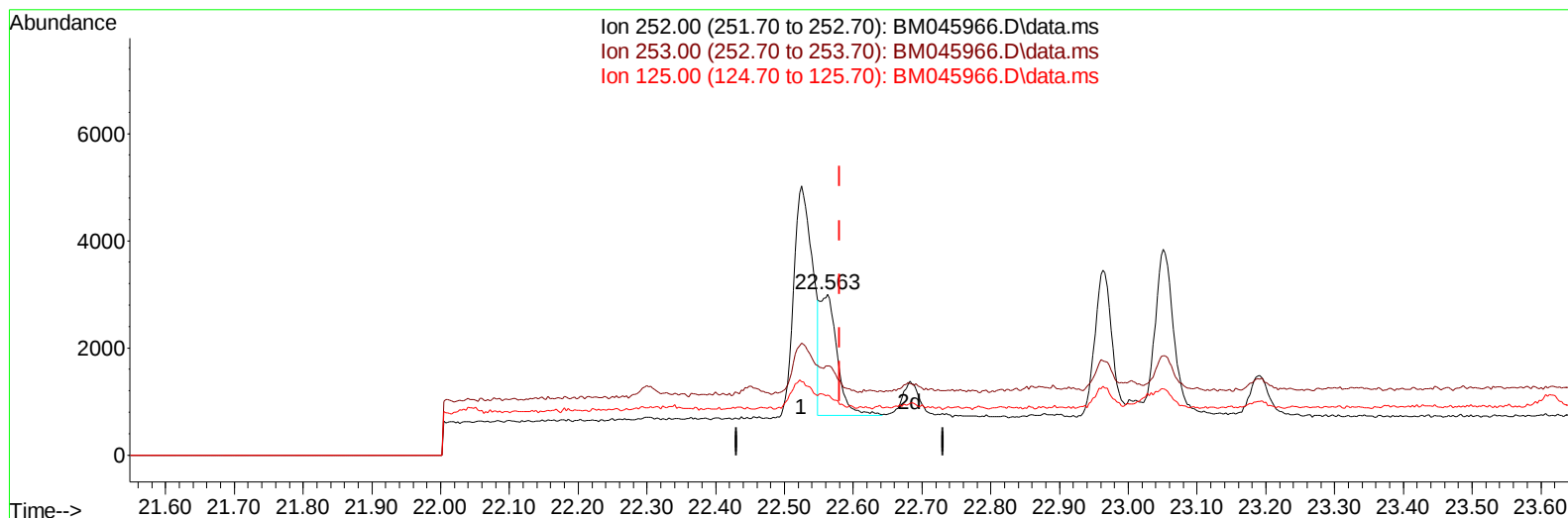
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Operator : MA/JU
Sample : P2642-09DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045966.D\data.ms

(25) Benzo(k)fluoranthene

22.563min (-0.018) 0.10 ng/u1 m

response 3991

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	55.53#
125.00	17.70	37.44#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045966.D
 Acq On : 11 Jun 2024 00:23
 Operator : MA/JU
 Sample : P2642-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH6DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	4597	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	14346	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.109	164	7641	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	13341	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	10065	0.400	ng/ul	0.00
23) Perylene-d12	23.145	264	11156m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	3774	0.721	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.866	152	744	0.036	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1337	0.044	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.827	152	721	0.021	ng/ul#	65
15) Phenanthrene	16.892	178	5446	0.145	ng/ul	97
16) Anthracene	16.985	178	1041	0.033	ng/ul#	73
19) Fluoranthene	18.914	202	12348	0.308	ng/ul	98
20) Pyrene	19.272	202	11821	0.282	ng/ul	99
21) Benzo(a)anthracene	21.029	228	4750m	0.129	ng/ul	
22) Chrysene	21.078	228	7060m	0.176	ng/ul	
24) Benzo(b)fluoranthene	22.525	252	8375m	0.226	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	3991m	0.098	ng/ul	
26) Benzo(a)pyrene	23.051	252	5870	0.160	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.212	276	4837	0.102	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.209	278	1055	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	25.839	276	5093	0.124	ng/ul#	88

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

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