

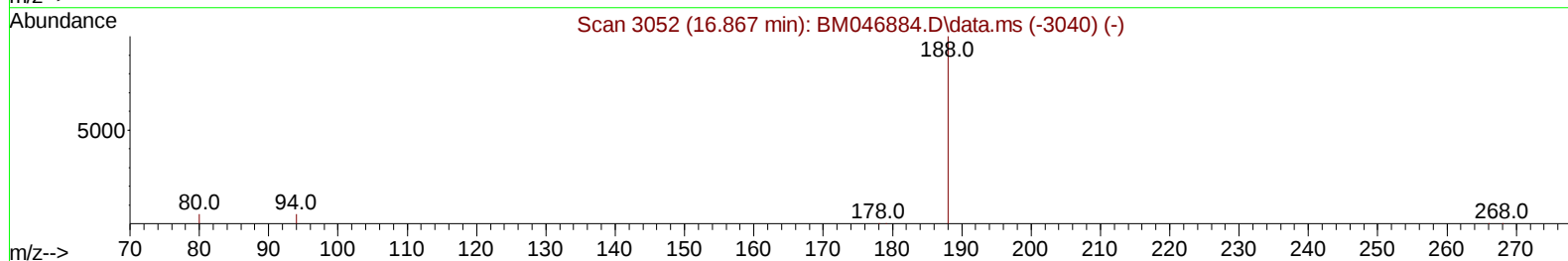
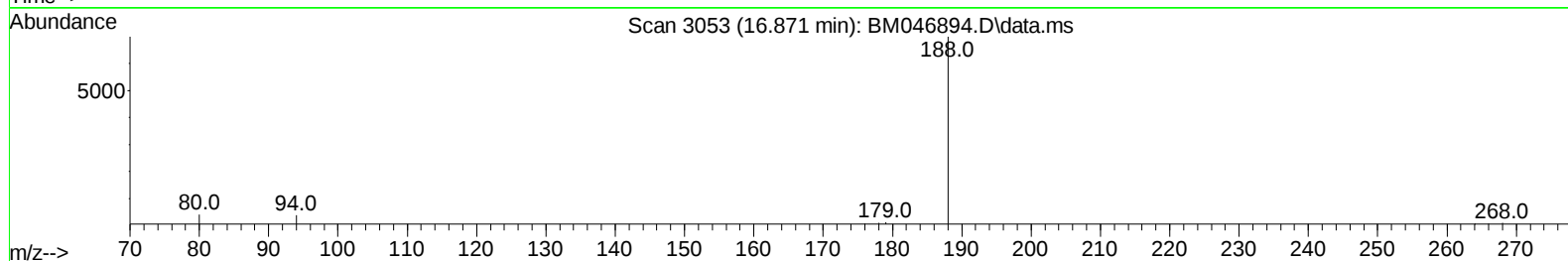
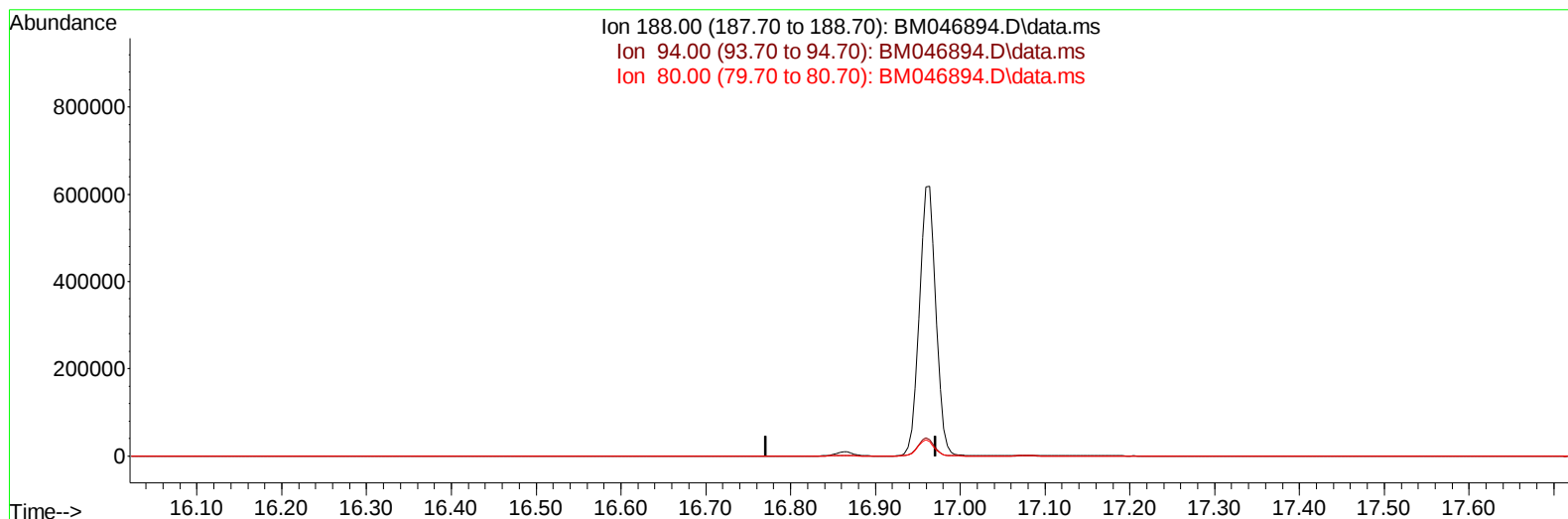
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046894.D\data.ms

(13) Phenanthrene-d10 (I)

16.871min (-16.871) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.60	0.00#
80.00	6.30	0.00#
0.00	0.00	0.00

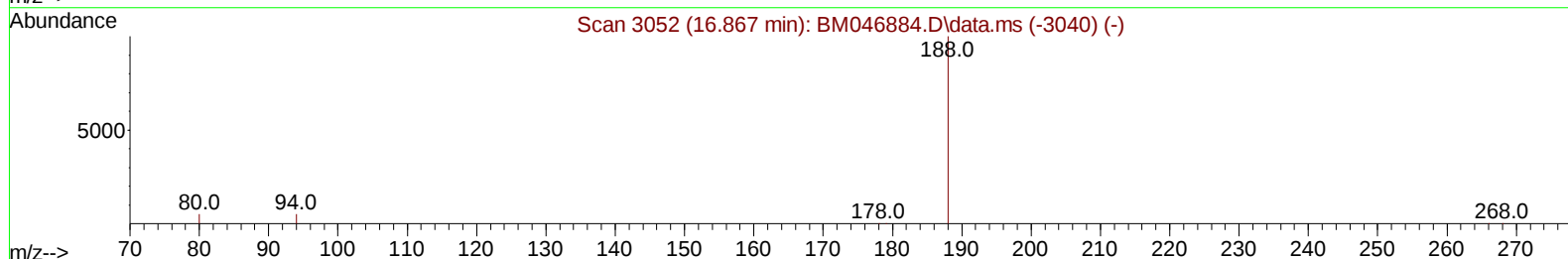
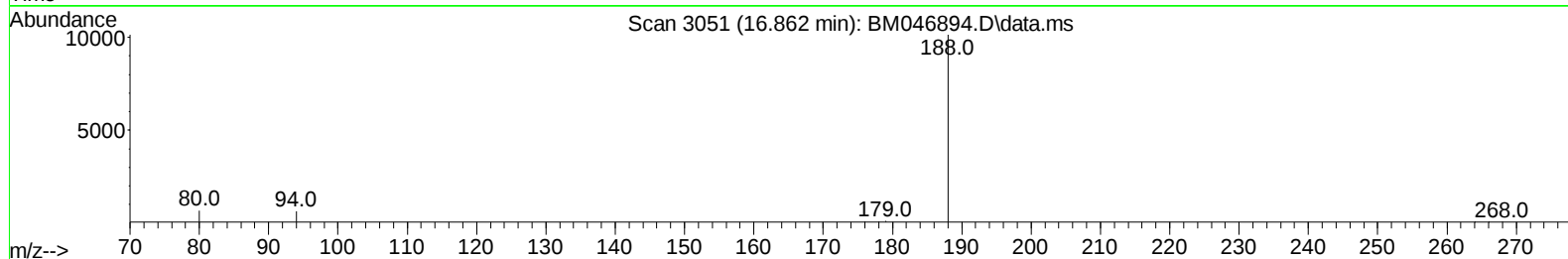
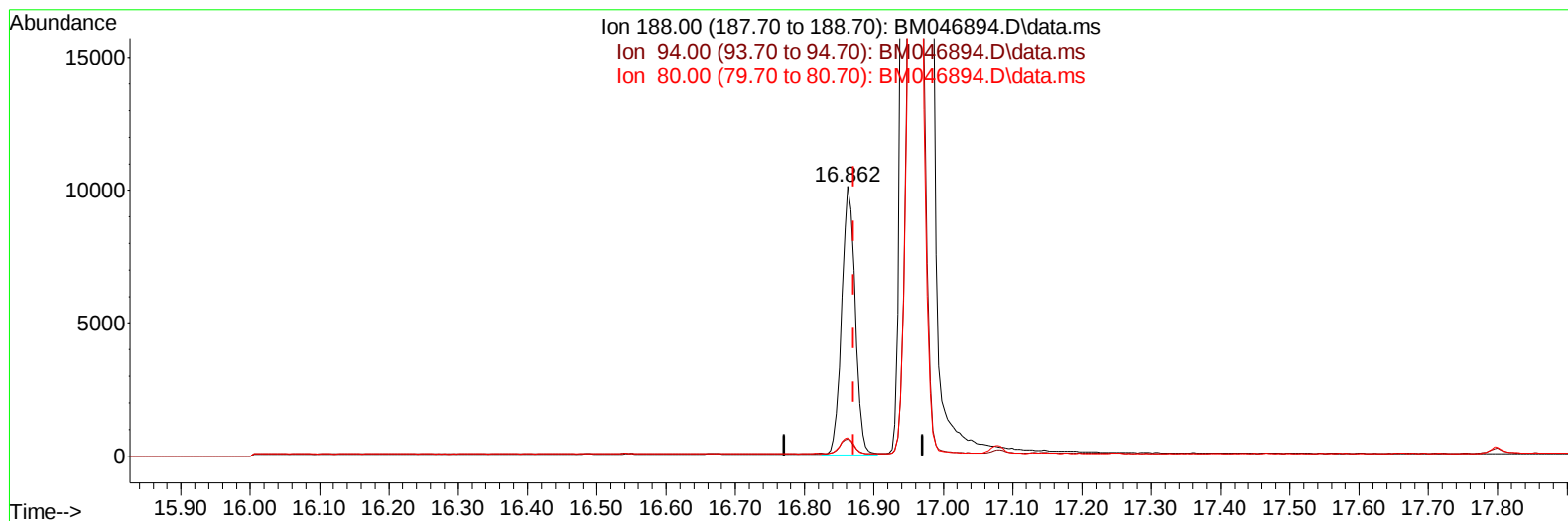
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
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Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:41 2024
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TIC: BM046894.D\data.ms

(13) Phenanthrene-d10 (I)

16.862min (-0.009) 0.40 ng/ul m

response 13624

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.60	6.38
80.00	6.30	6.73
0.00	0.00	0.00

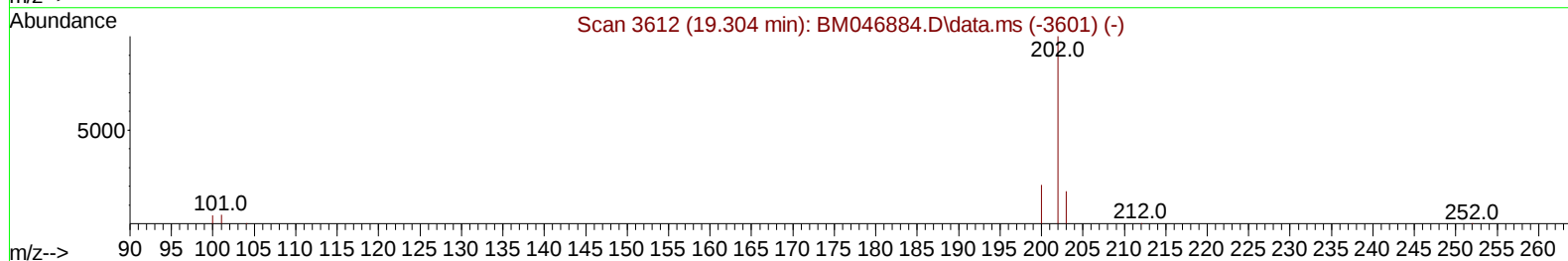
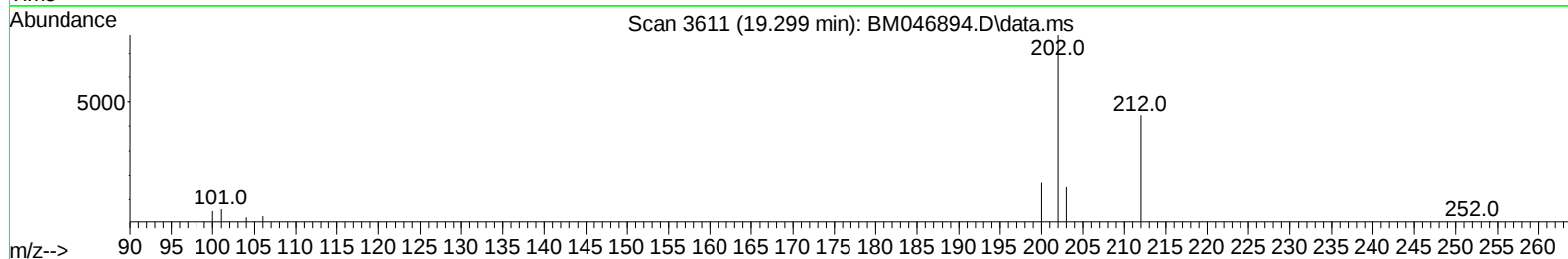
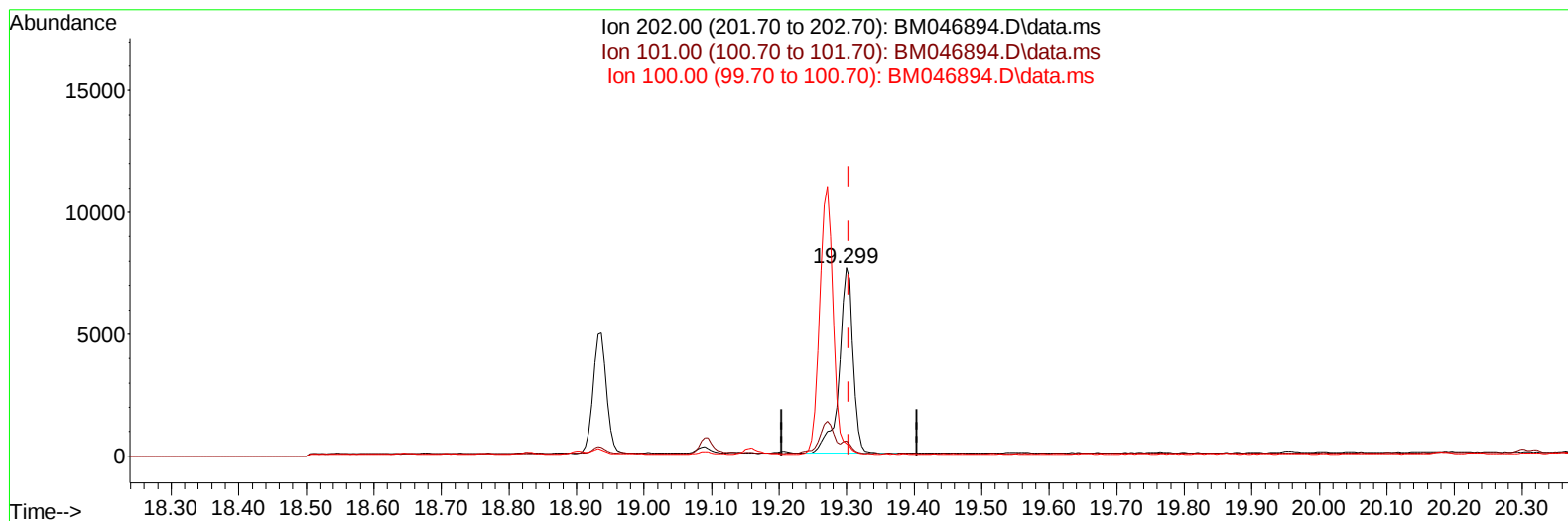
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

Manual IntegrationsAPPROVED

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TIC: BM046894.D\data.ms

(20) Pyrene

19.299min (-0.005) 0.33 ng/u1

response 11050

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	7.84#
100.00	5.40	6.58#
0.00	0.00	0.00

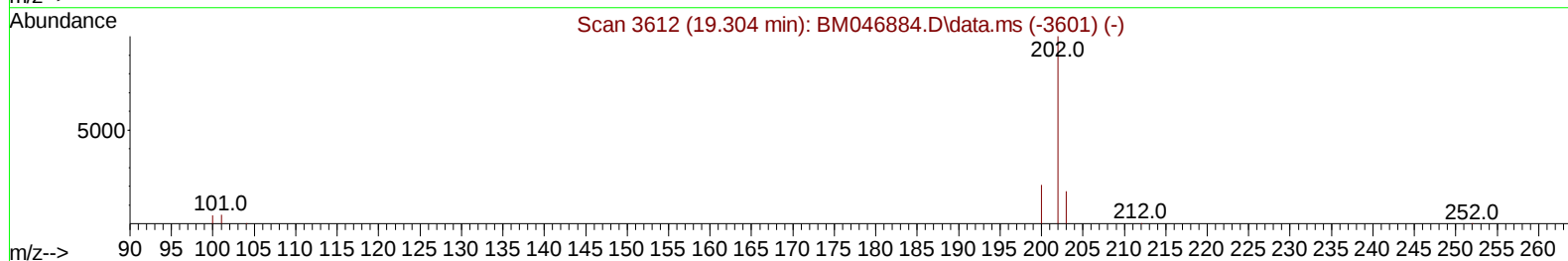
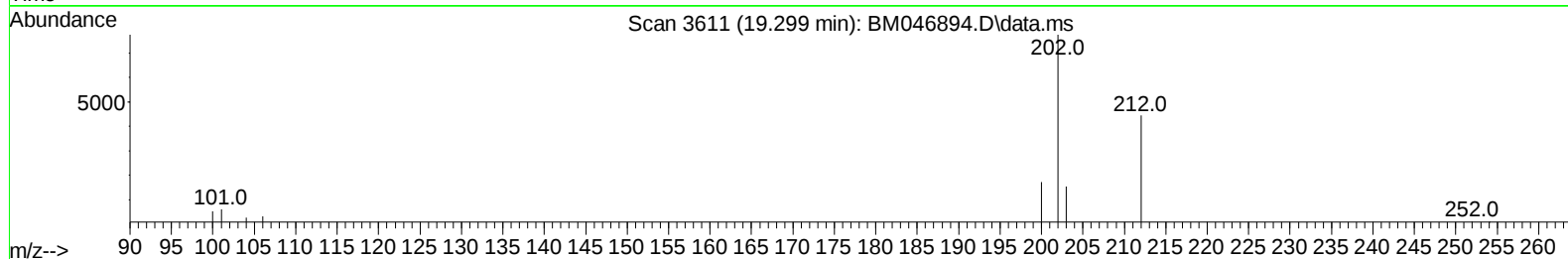
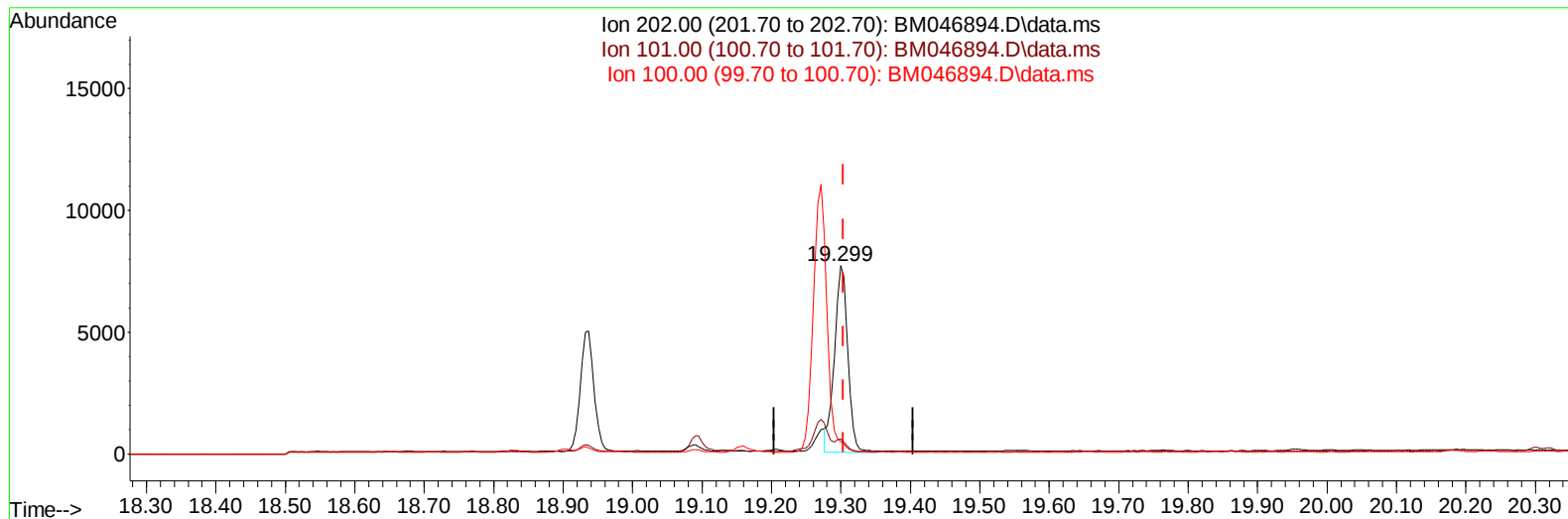
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:41 2024
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TIC: BM046894.D\data.ms

(20) Pyrene

19.299min (-0.005) 0.31 ng/u1 m

response 10307

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	7.84#
100.00	5.40	6.58#
0.00	0.00	0.00

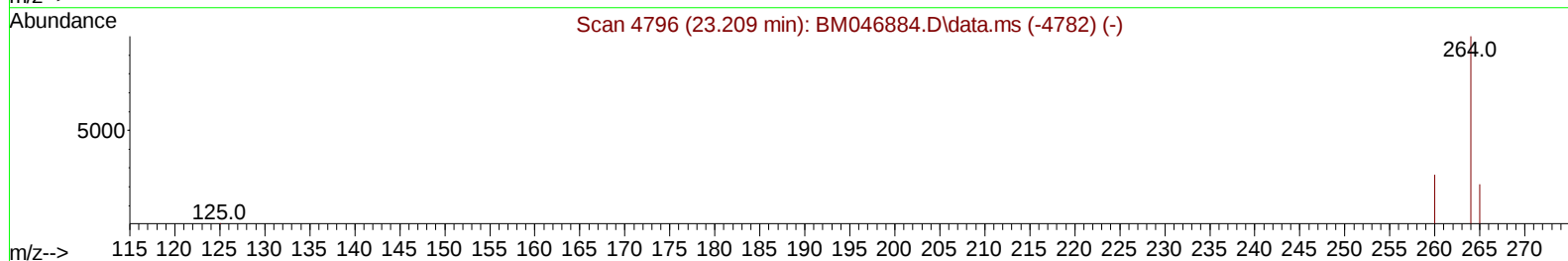
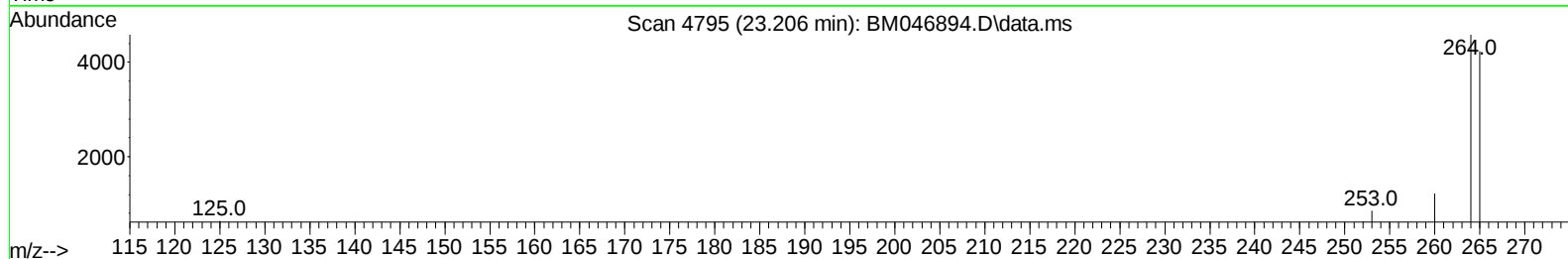
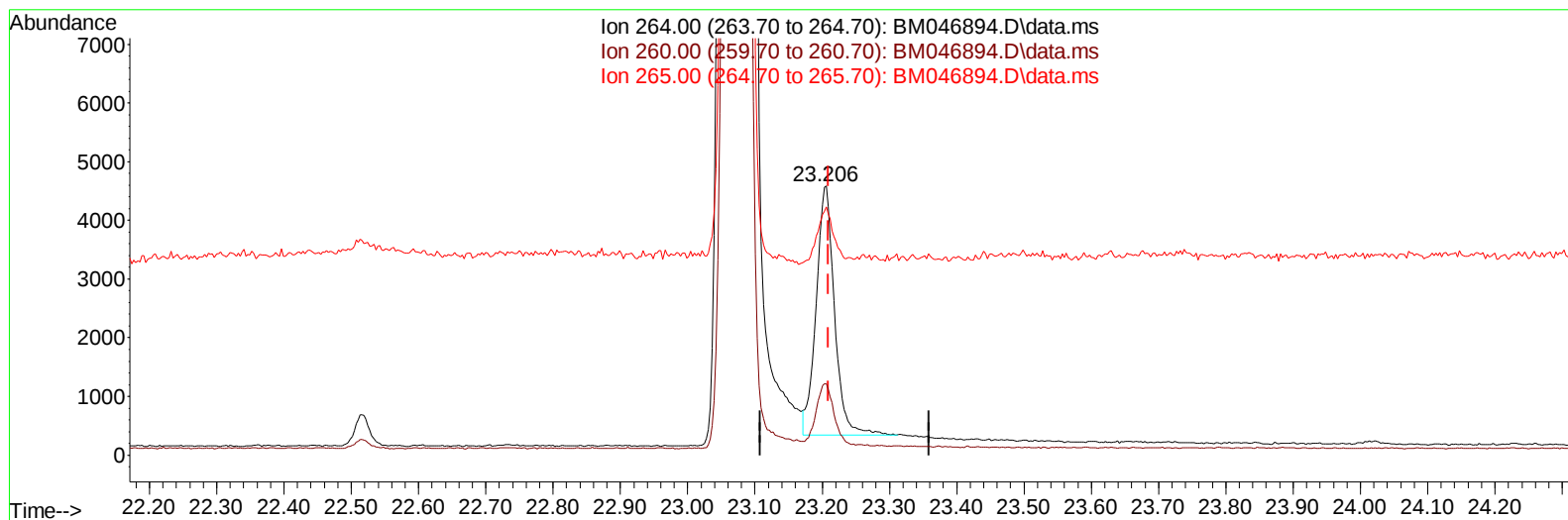
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046894.D\data.ms

(23) Perylene-d12 (I)

23.206min (-0.003) 0.40 ng/u1

response 8040

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.60
265.00	89.90	92.34
0.00	0.00	0.00

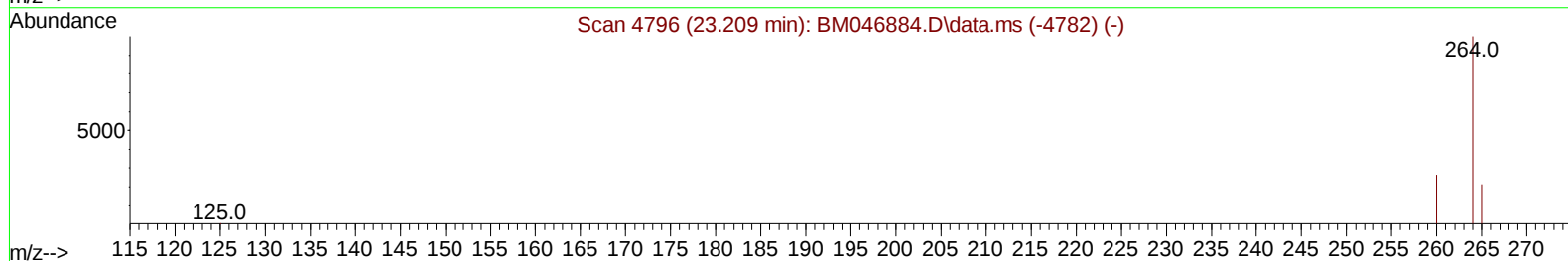
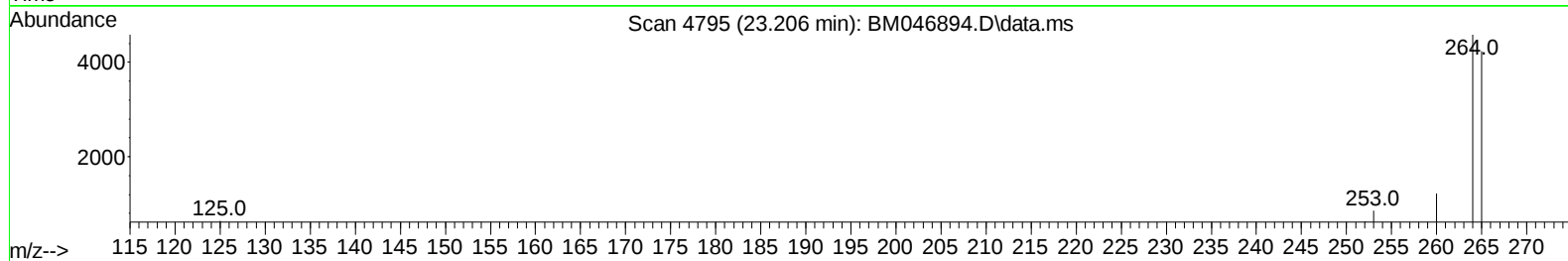
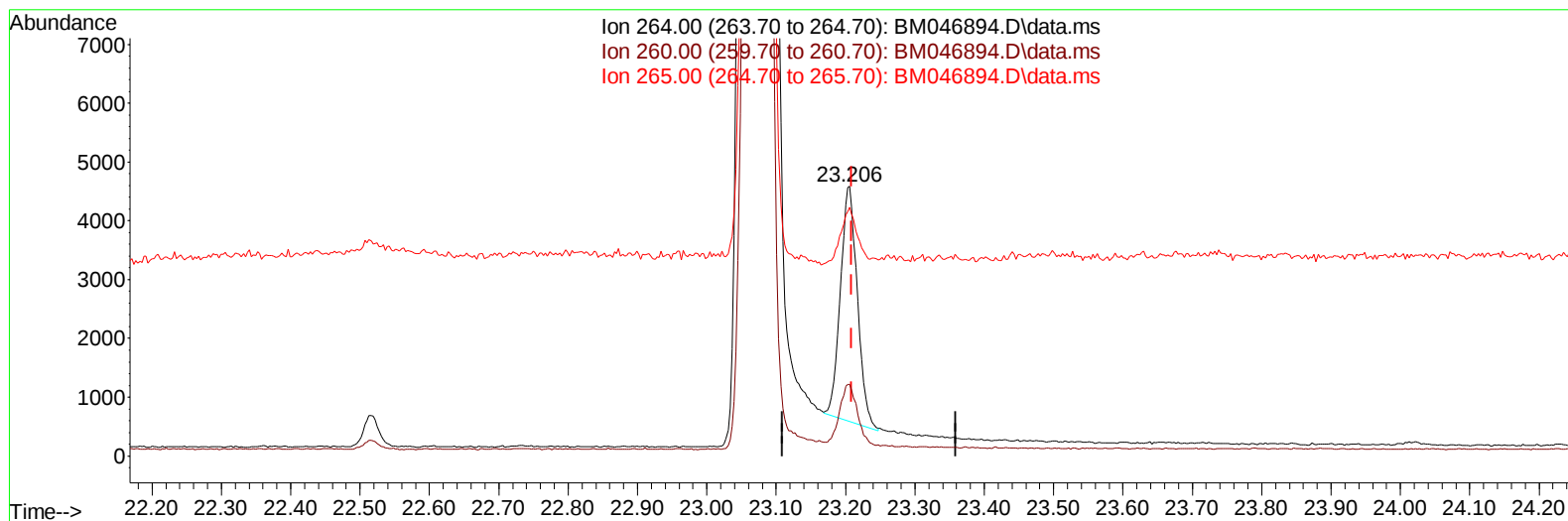
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:41 2024
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TIC: BM046894.D\data.ms

(23) Perylene-d12 (I)

23.206min (-0.003) 0.40 ng/ul m

response 6795

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.60
265.00	89.90	92.34
0.00	0.00	0.00

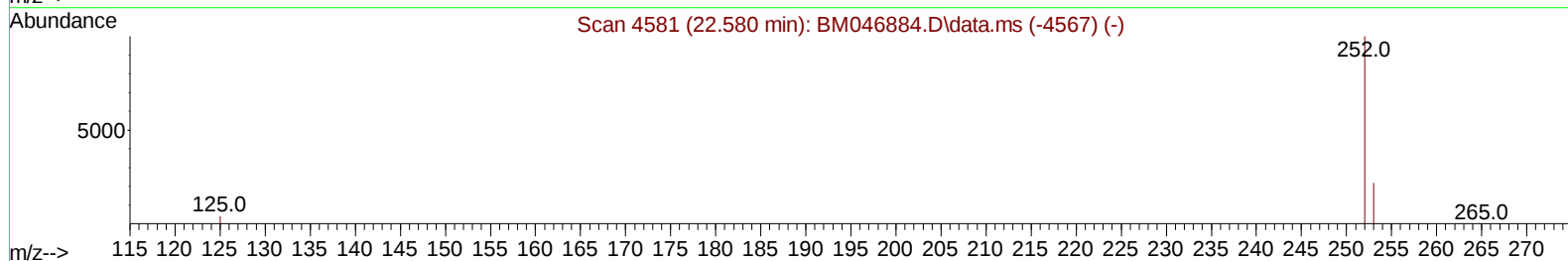
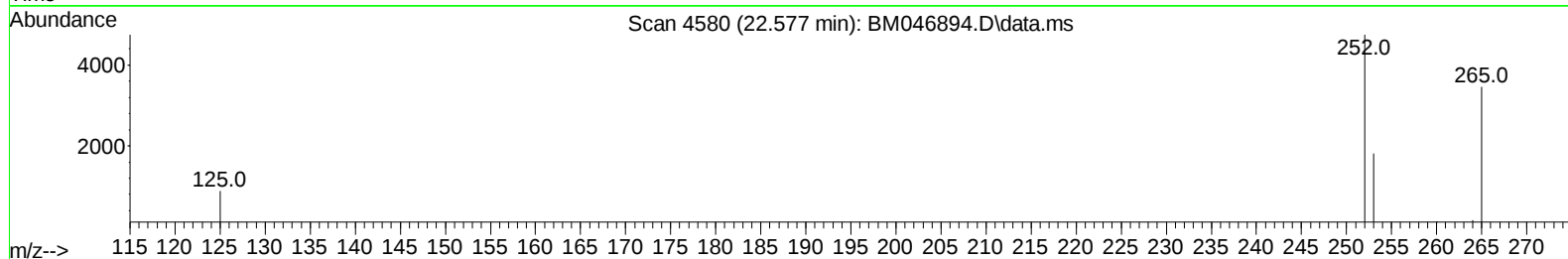
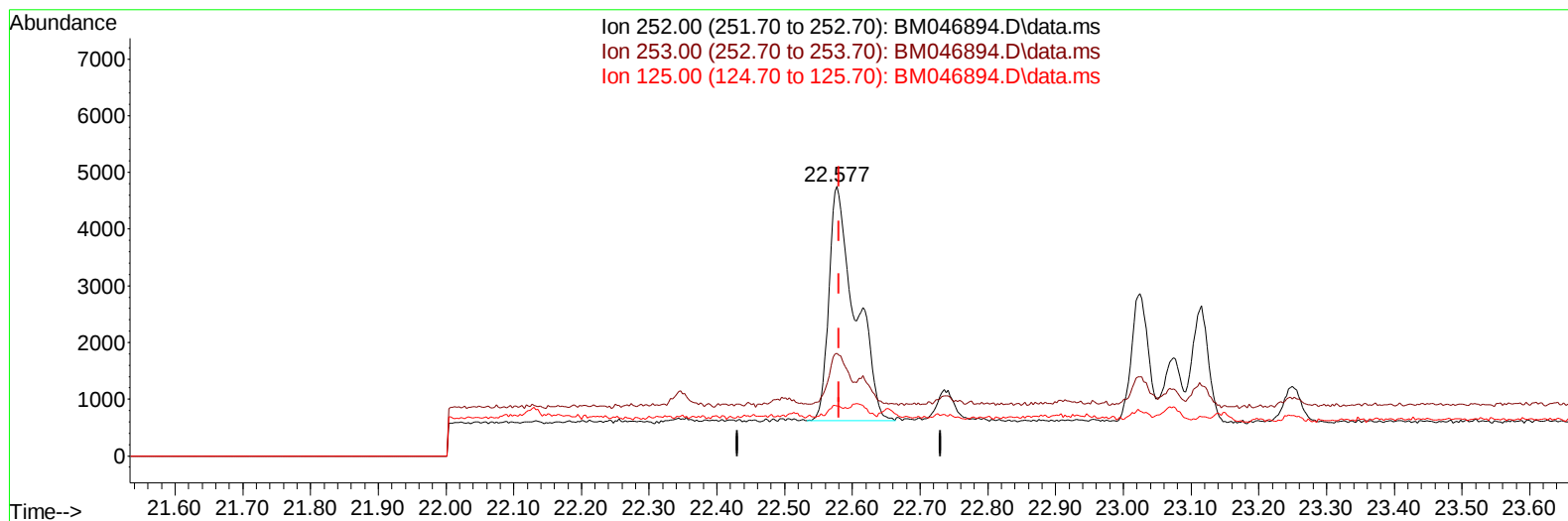
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

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TIC: BM046894.D\data.ms

(24) Benzo(b)fluoranthene

22.577min (-0.003) 0.37 ng/u1

response 11102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	38.10
125.00	7.90	18.61#
0.00	0.00	0.00

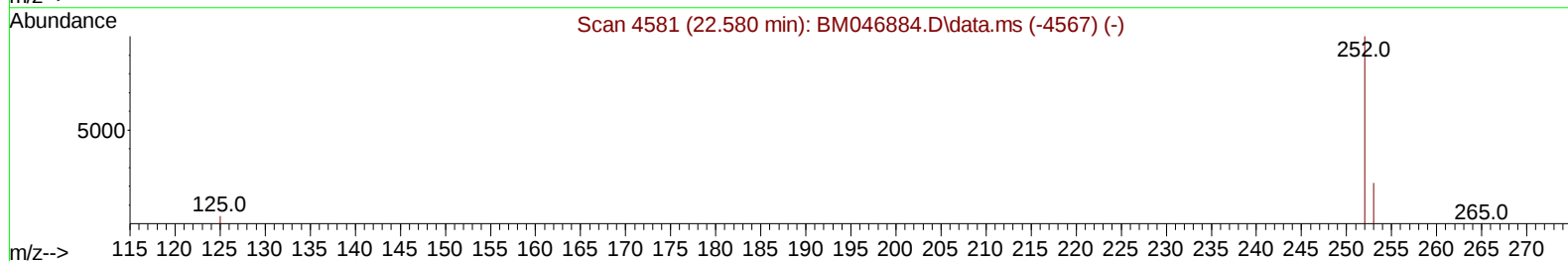
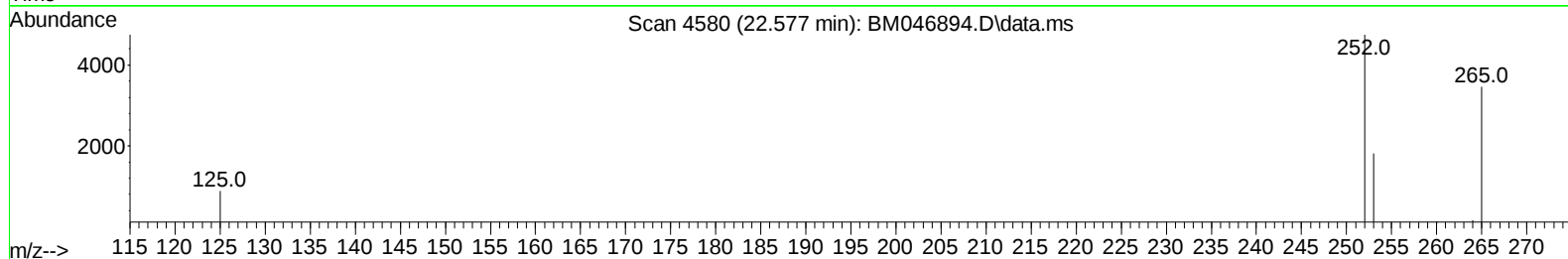
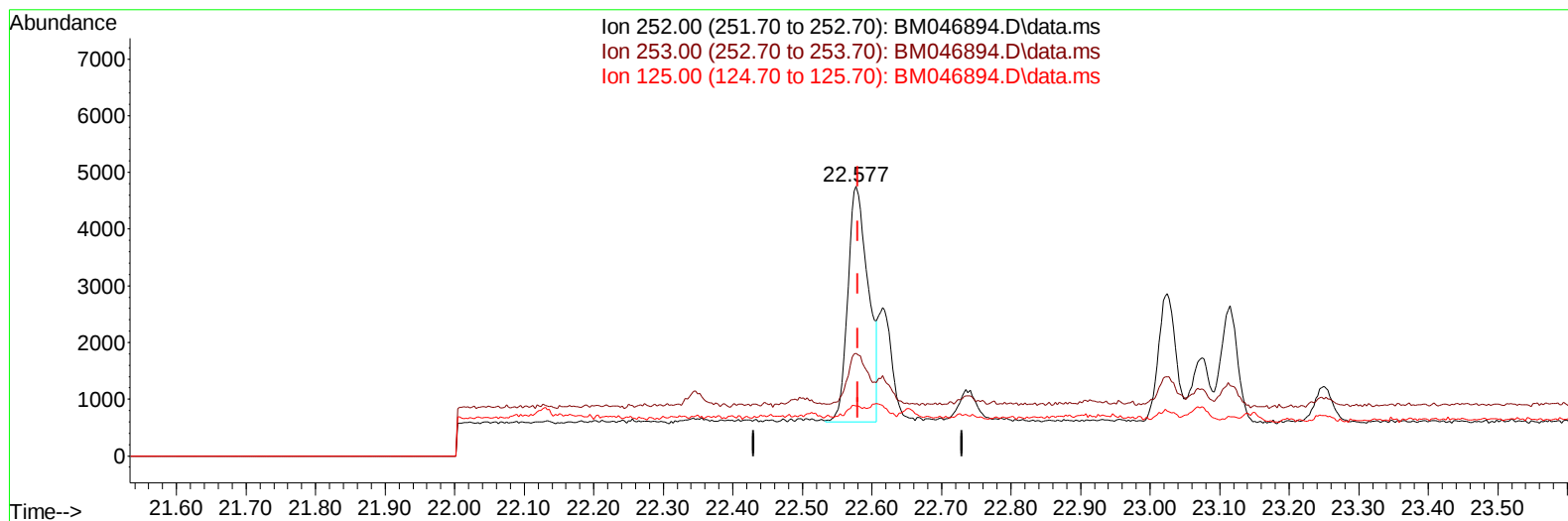
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
Acq On : 29 Jul 2024 21:37
Operator : MA/JU
Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E21

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:02:41 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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TIC: BM046894.D\data.ms

(24) Benzo(b)fluoranthene

22.577min (-0.003) 0.29 ng/u1 m

response 8505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	38.10
125.00	7.90	18.61#
0.00	0.00	0.00

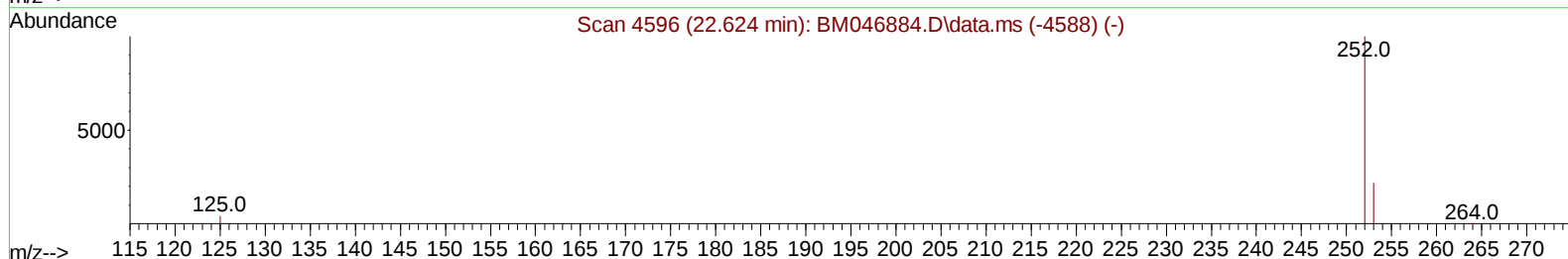
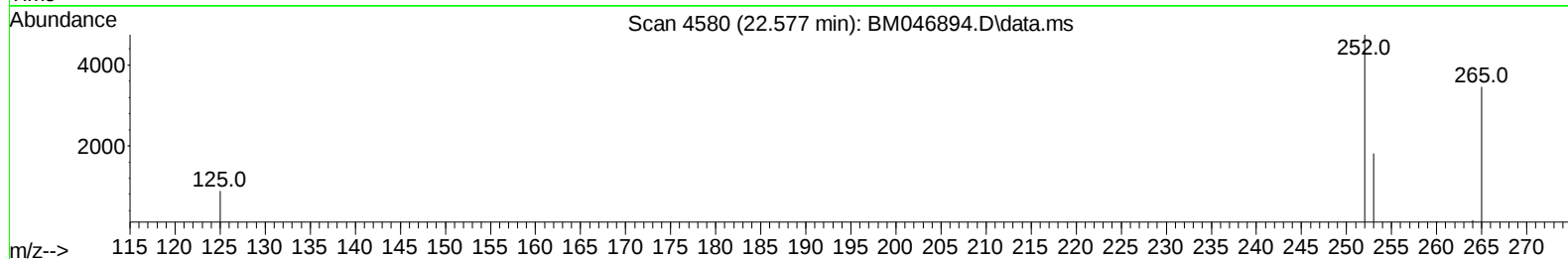
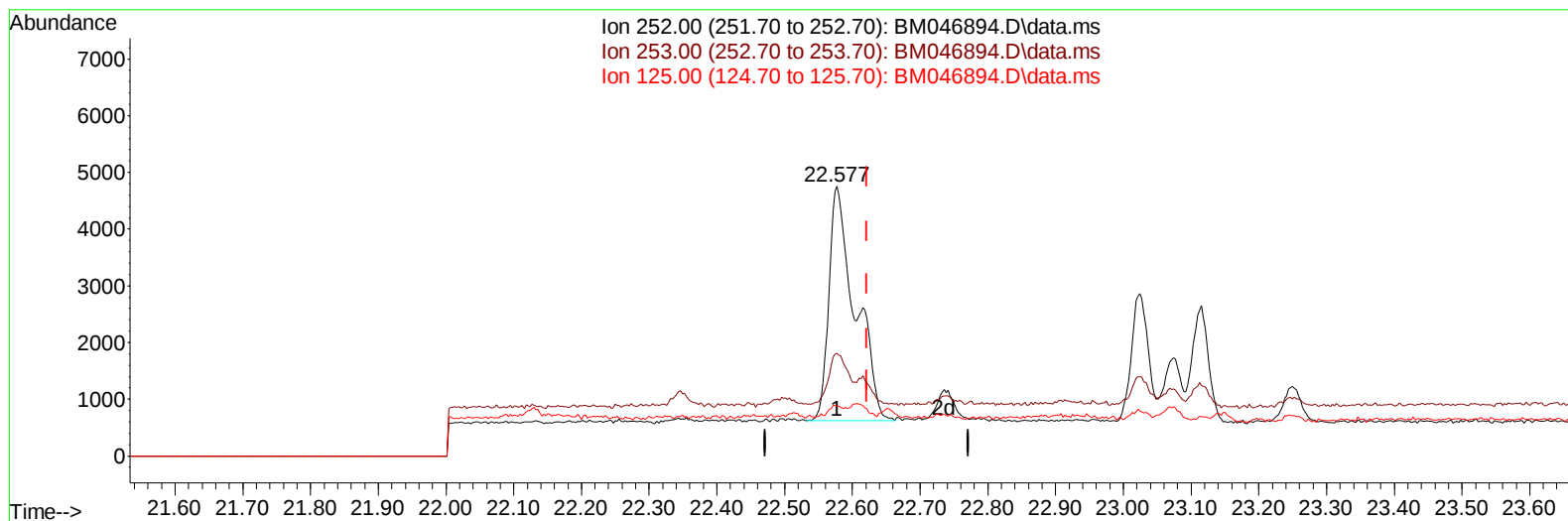
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
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Sample : P3329-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046894.D\data.ms

(25) Benzo(k)fluoranthene

22.577min (-0.044) 0.37 ng/u1

response 11102

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	38.10#
125.00	10.80	18.61#
0.00	0.00	0.00

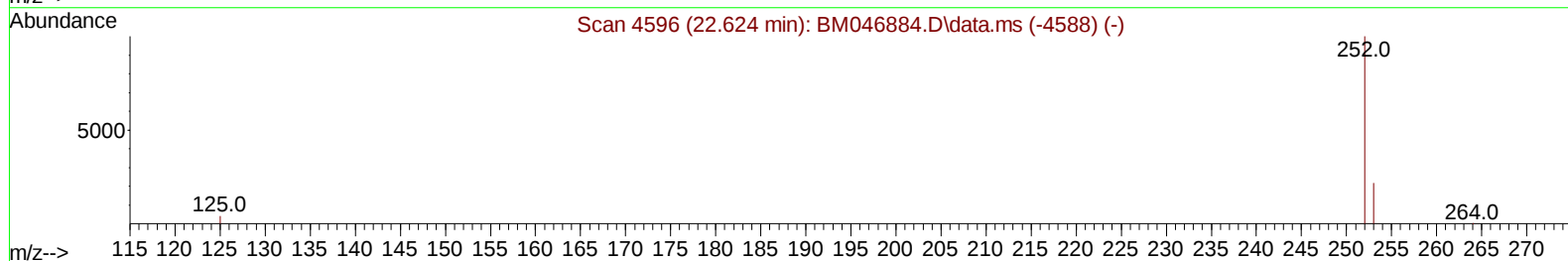
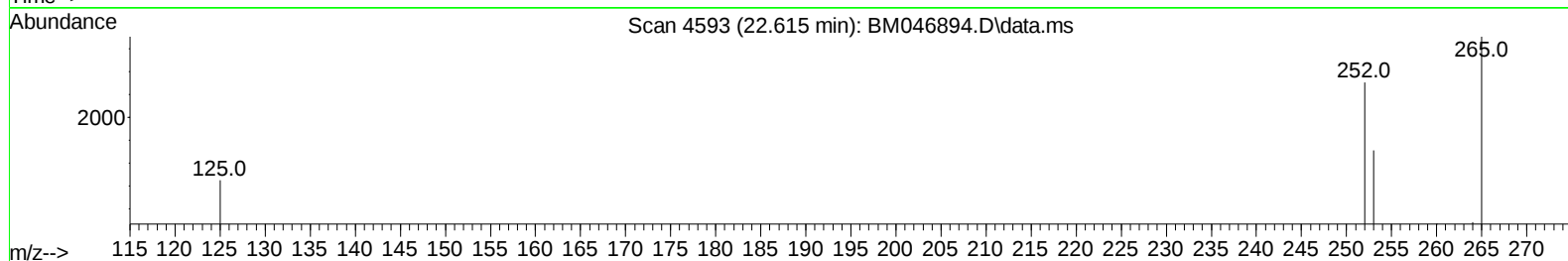
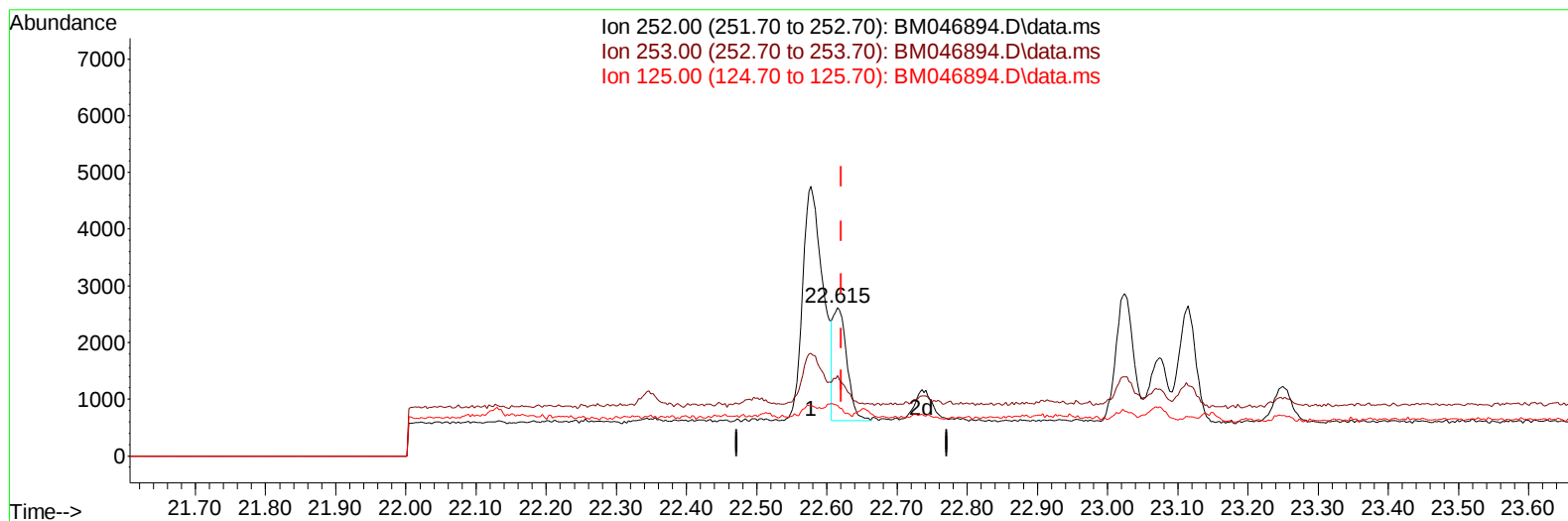
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046894.D
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Operator : MA/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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TIC: BM046894.D\data.ms

(25) Benzo(k)fluoranthene

22.615min (-0.006) 0.09 ng/u1 m

response 2658

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	54.12#
125.00	10.80	34.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046894.D
 Acq On : 29 Jul 2024 21:37
 Operator : MA/JU
 Sample : P3329-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E21

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.455	152		3273	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.210	136		10270	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164		6707	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.862	188		13624m	0.400	ng/ul	0.00
17) Chrysene-d12	21.078	240		7327	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264		6795m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96		8811	3.845	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152		4592	0.281	ng/ul	-0.01
18) Fluoranthene-d10	18.904	212		8228	0.345	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.260	128		851	0.033	ng/ul#	76
10) Acenaphthylene	13.817	152		953	0.031	ng/ul#	74
15) Phenanthrene	16.905	178		1721	0.044	ng/ul#	91
16) Anthracene	16.993	178		1041	0.029	ng/ul#	77
19) Fluoranthene	18.937	202		6767	0.210	ng/ul#	97
20) Pyrene	19.299	202		10307m	0.310	ng/ul	
21) Benzo(a)anthracene	21.061	228		3799	0.124	ng/ul#	90
22) Chrysene	21.113	228		5142	0.166	ng/ul#	92
24) Benzo(b)fluoranthene	22.577	252		8505m	0.285	ng/ul	
25) Benzo(k)fluoranthene	22.615	252		2658m	0.088	ng/ul	
26) Benzo(a)pyrene	23.115	252		3345	0.156	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.306	276		2975	0.090	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.319	278		772	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	25.950	276		2631	0.091	ng/ul#	68

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

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