

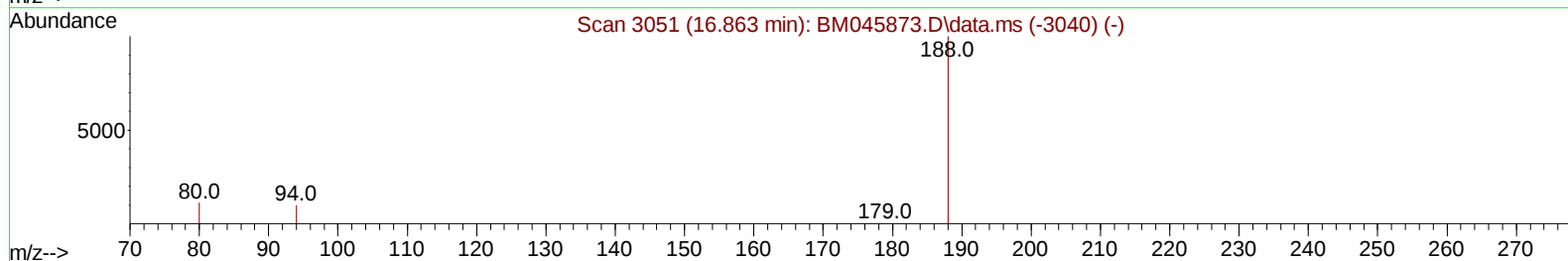
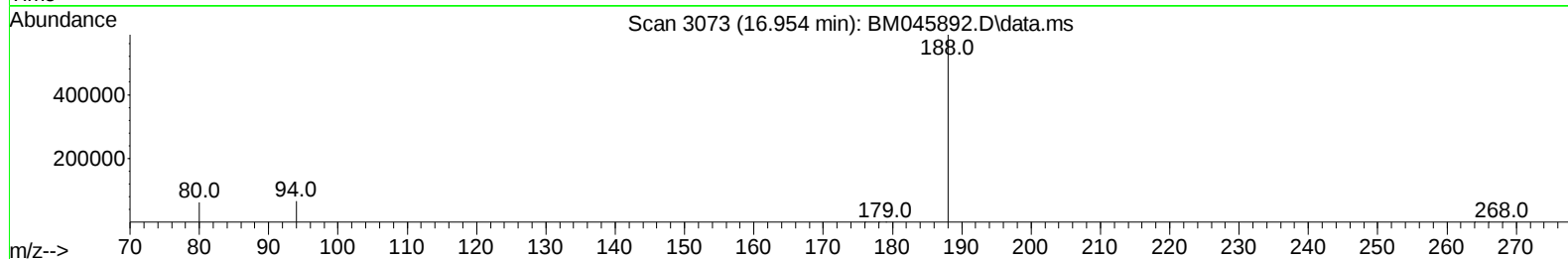
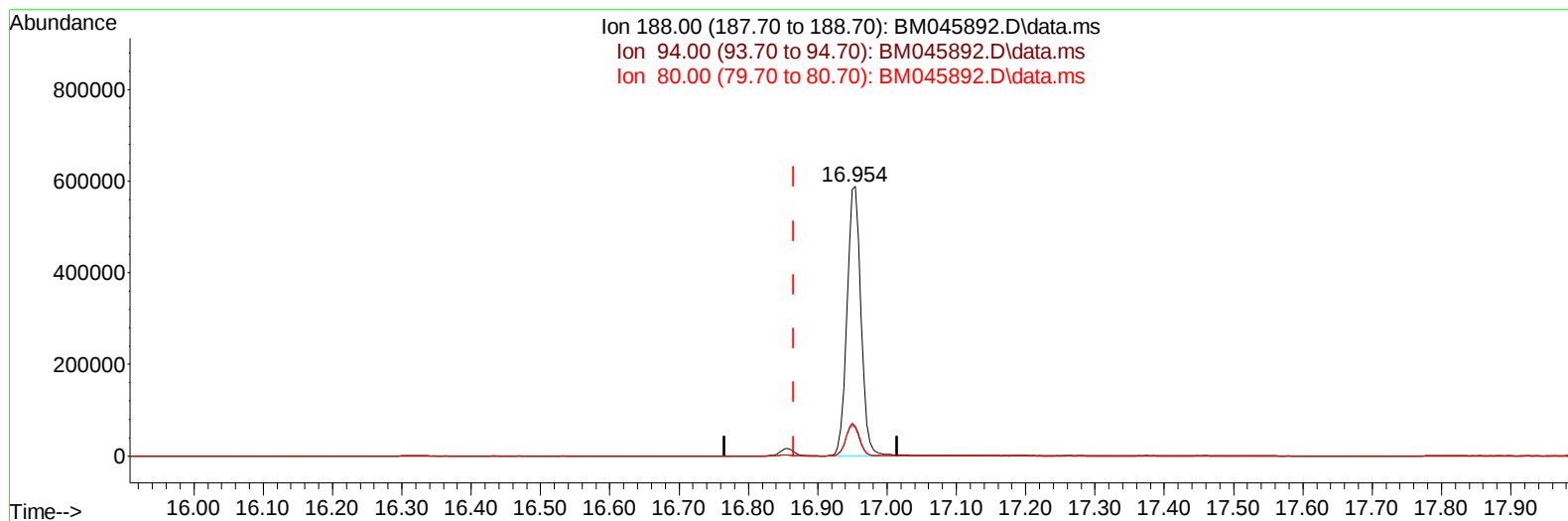
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D30

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:02:17 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045892.D\data.ms

(13) Phenanthrene-d10 (I)**16.954min (+ 0.089) 0.40 ng/u1****response 815717**

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.05
80.00	11.70	10.42
0.00	0.00	0.00

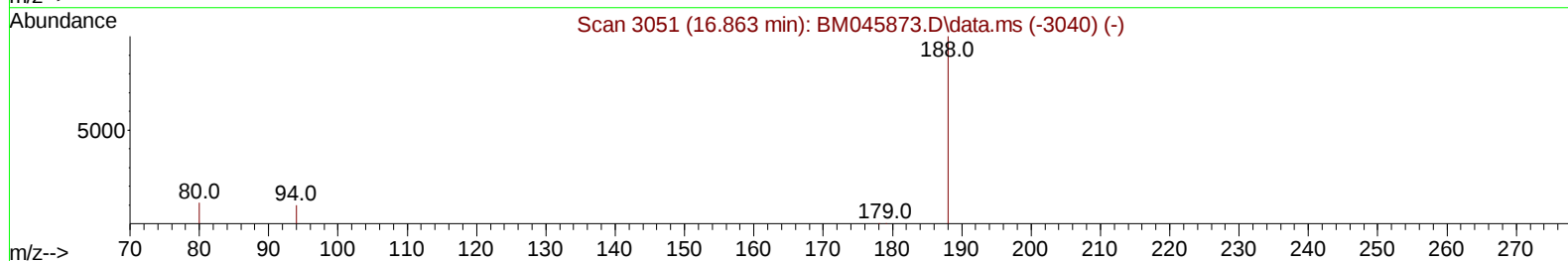
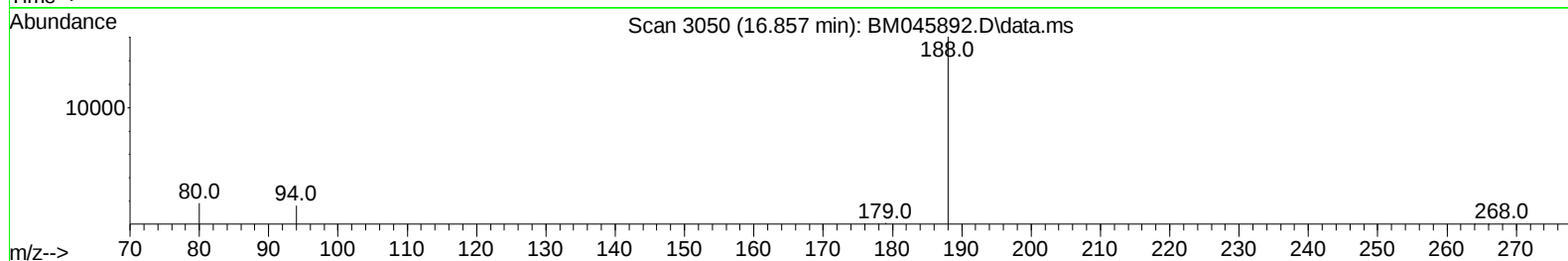
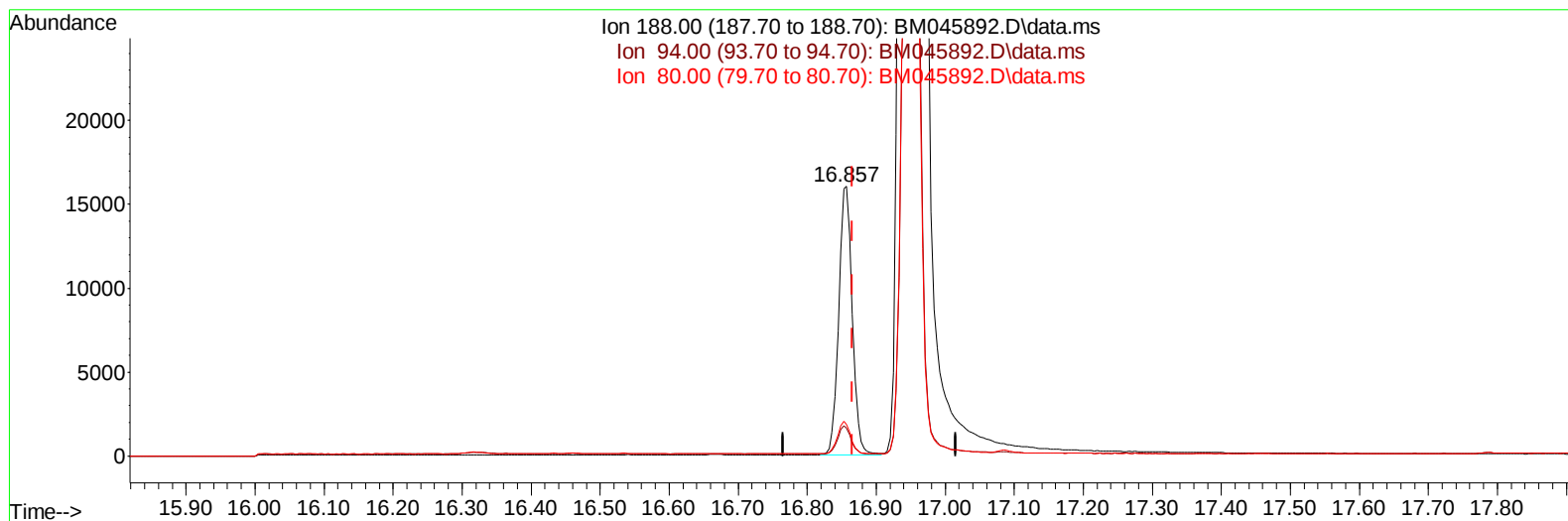
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045892.D\data.ms

(13) Phenanthrene-d10 (I)

16.857min (-0.009) 0.40 ng/u1 m

response 22004

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	10.27
80.00	11.70	11.58
0.00	0.00	0.00

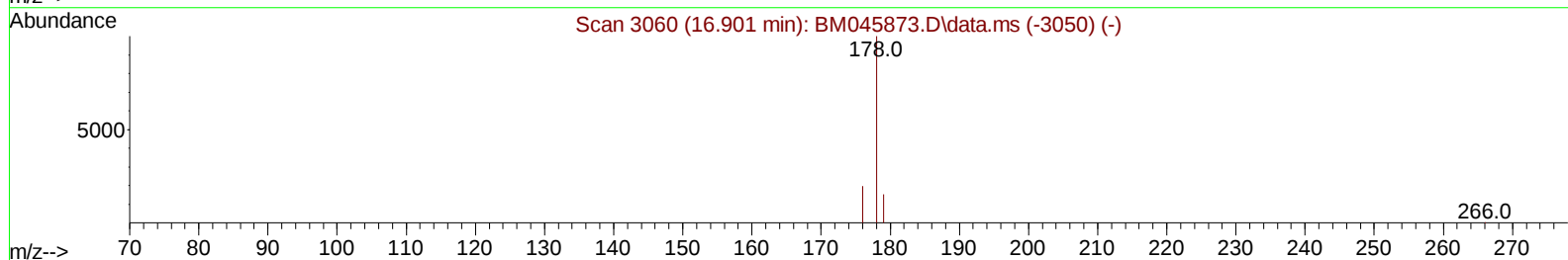
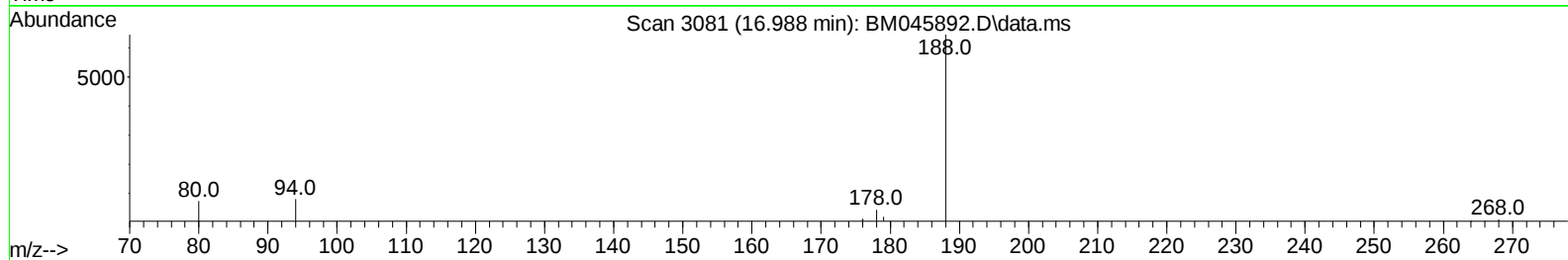
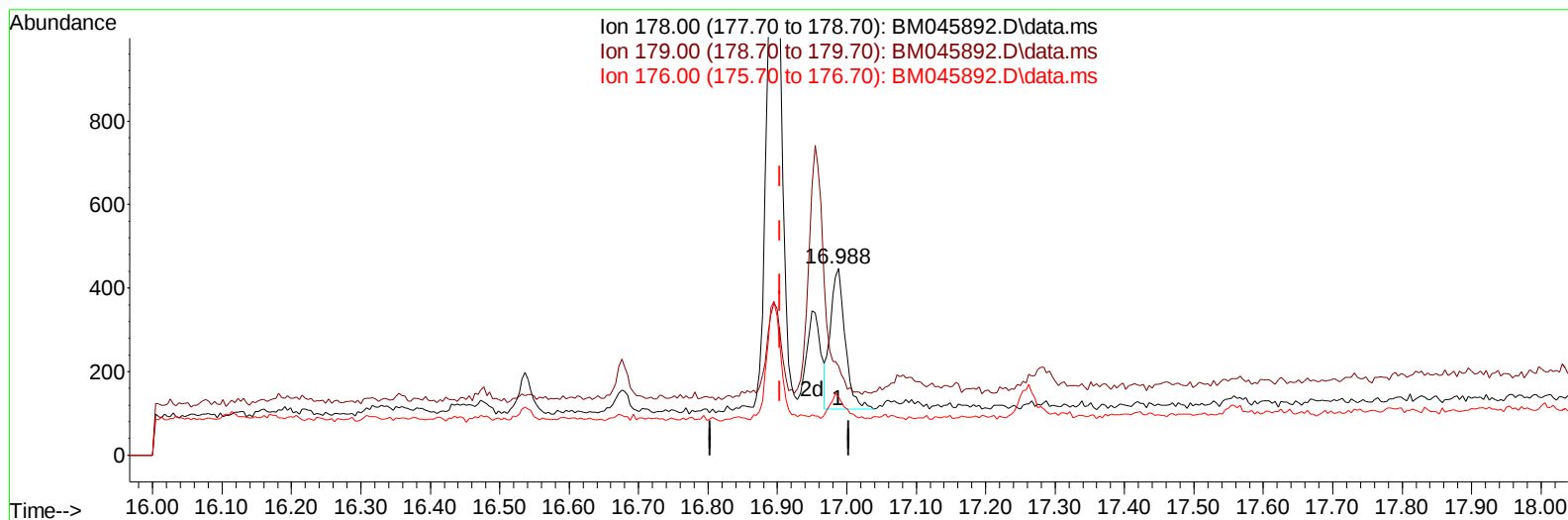
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045892.D\data.ms

(15) Phenanthrene

16.988min (+ 0.084) 0.01 ng/u1

response 505

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	47.77#
176.00	19.50	31.25#
0.00	0.00	0.00

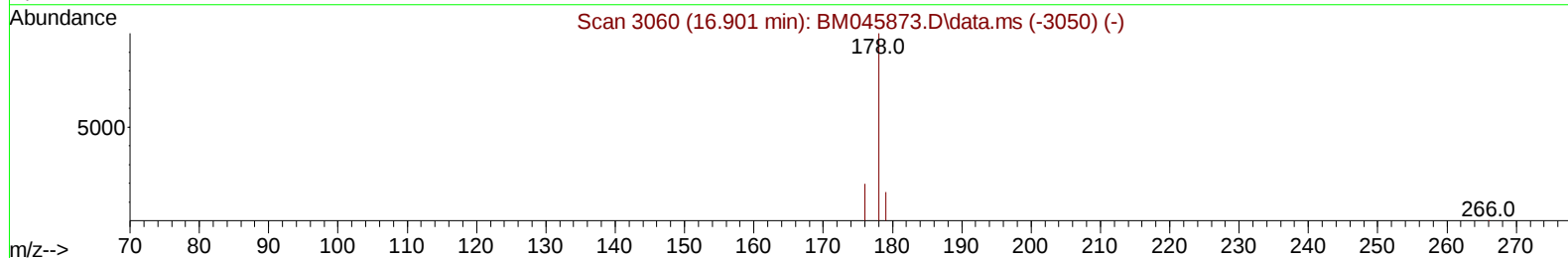
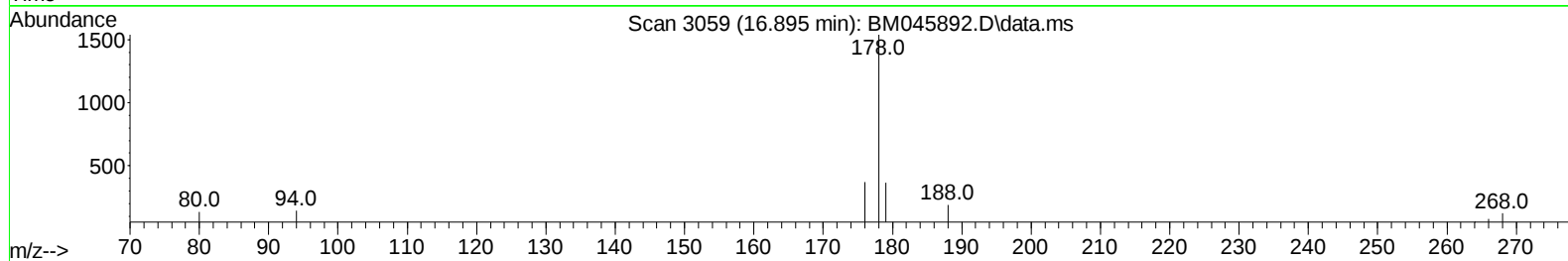
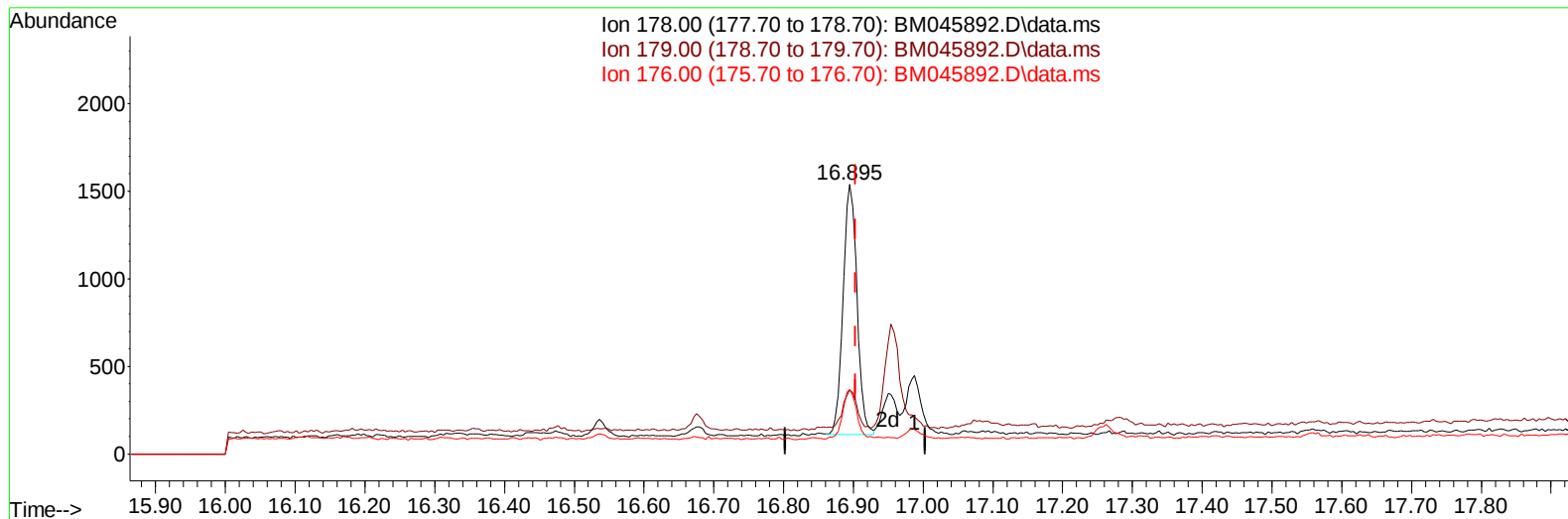
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Fri Jun 07 22:59:16 2024
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TIC: BM045892.D\data.ms

(15) Phenanthrene

16.895min (-0.008) 0.03 ng/u1 m

response 1985

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	23.72#
176.00	19.50	23.91#
0.00	0.00	0.00

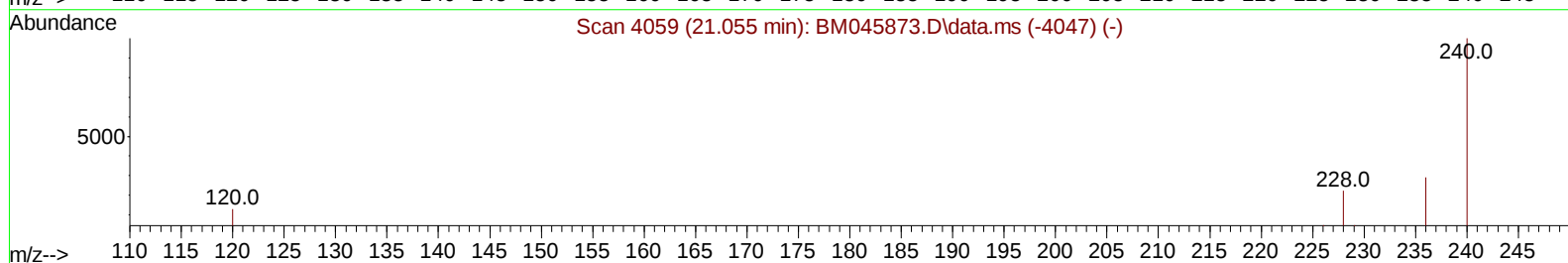
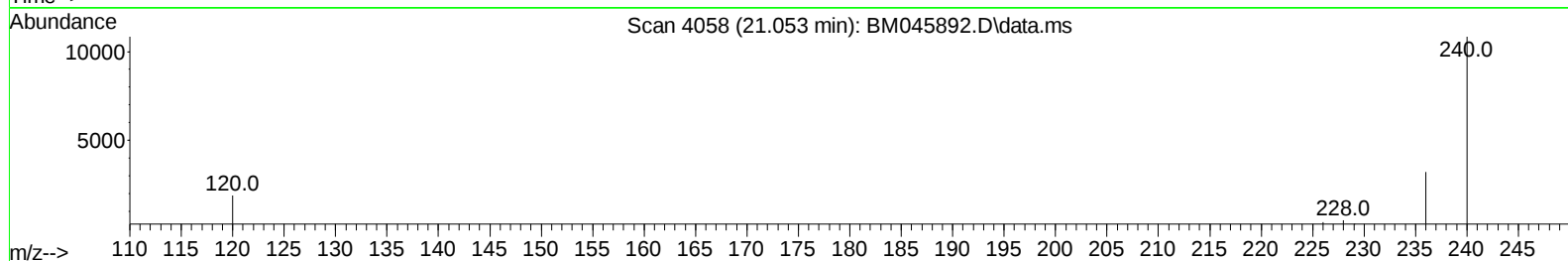
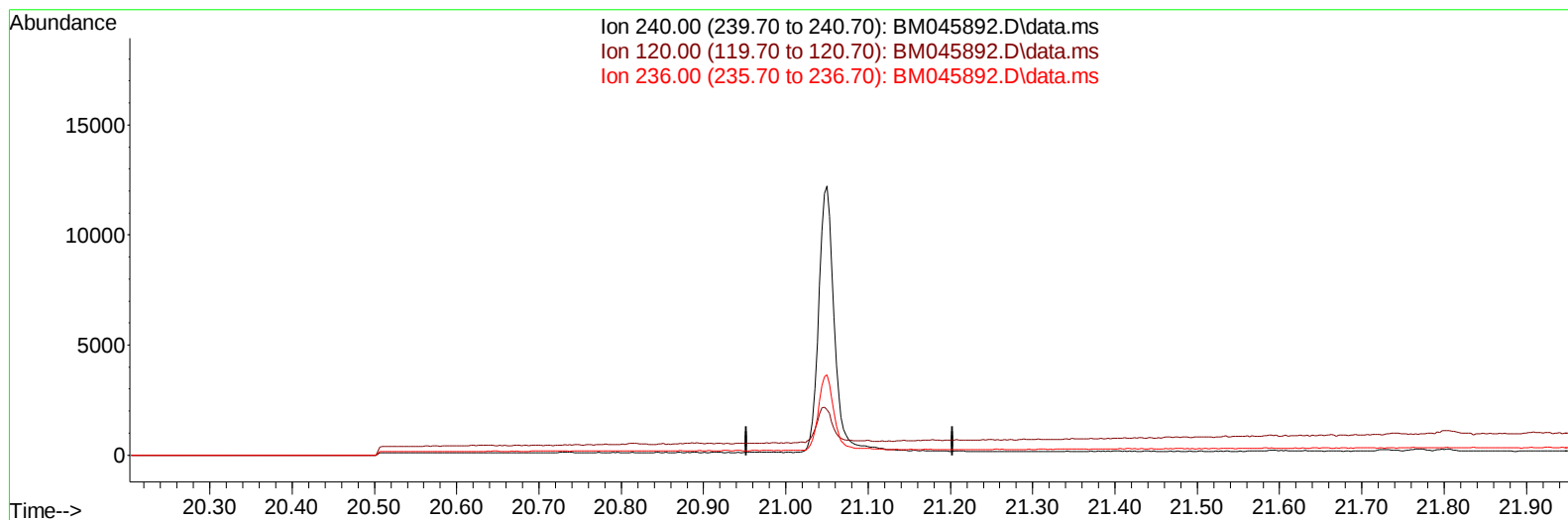
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM045892.D\data.ms

(17) Chrysene-d12

21.053min (-21.053) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.10	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

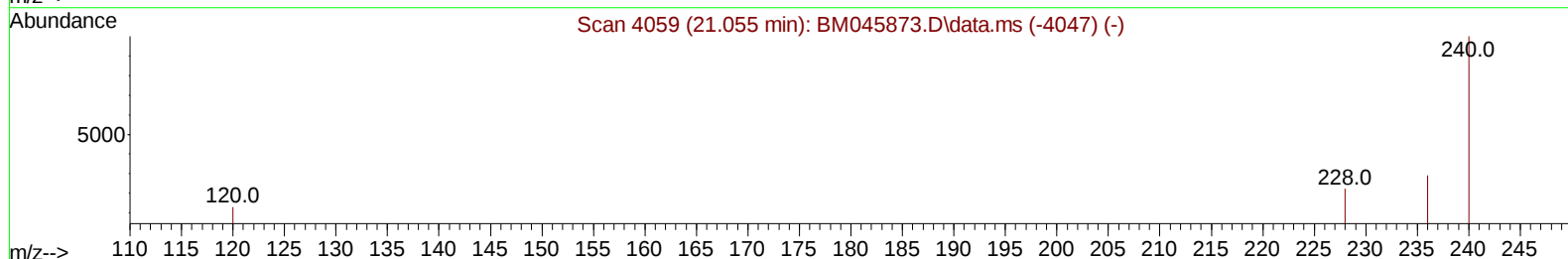
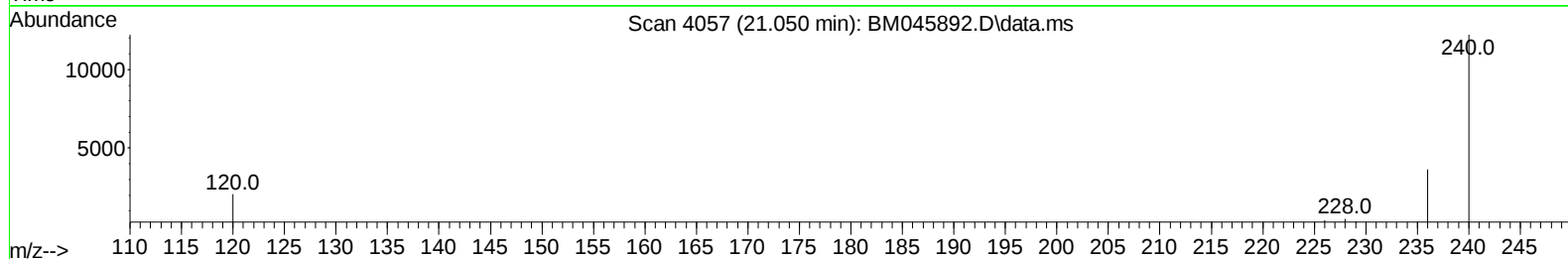
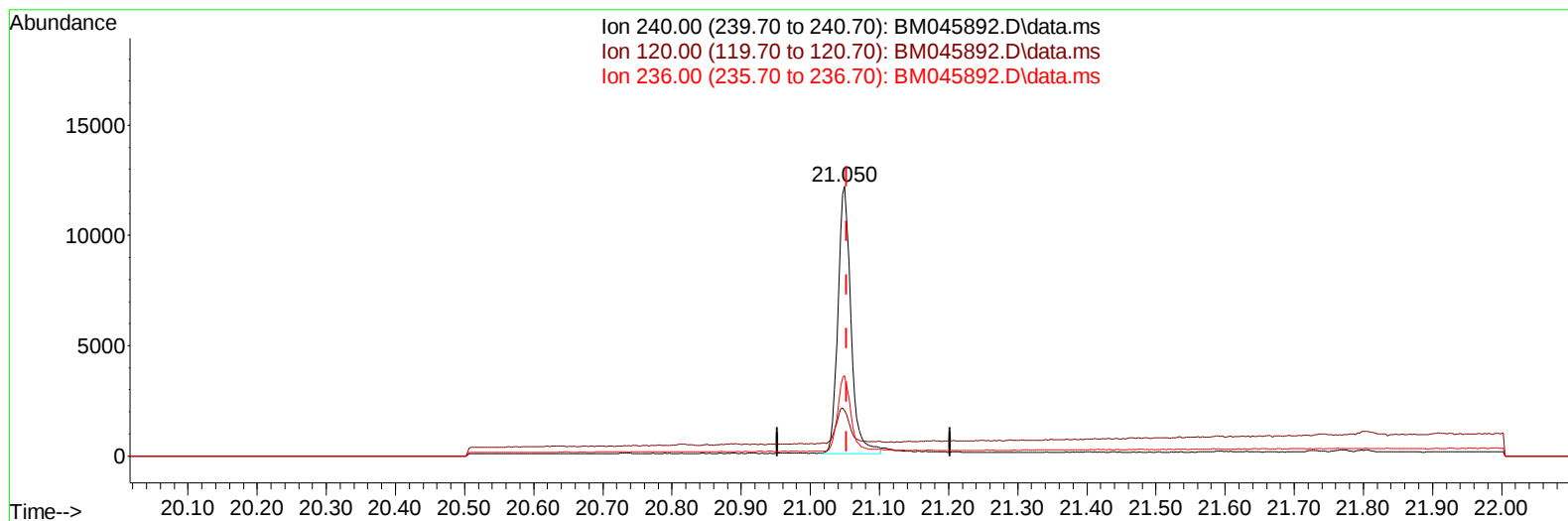
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D30

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:02:17 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045892.D\data.ms

(17) Chrysene-d12

21.050min (-0.003) 0.40 ng/u1 m

response 16005

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.79
236.00	29.50	29.95
0.00	0.00	0.00

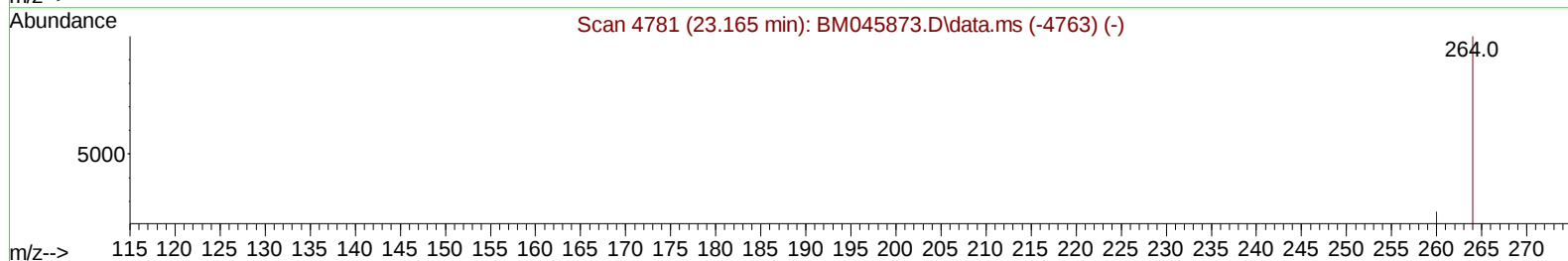
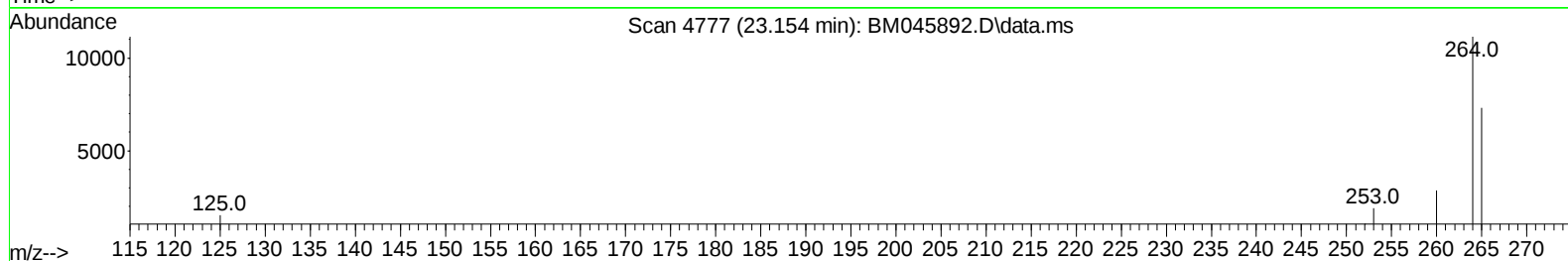
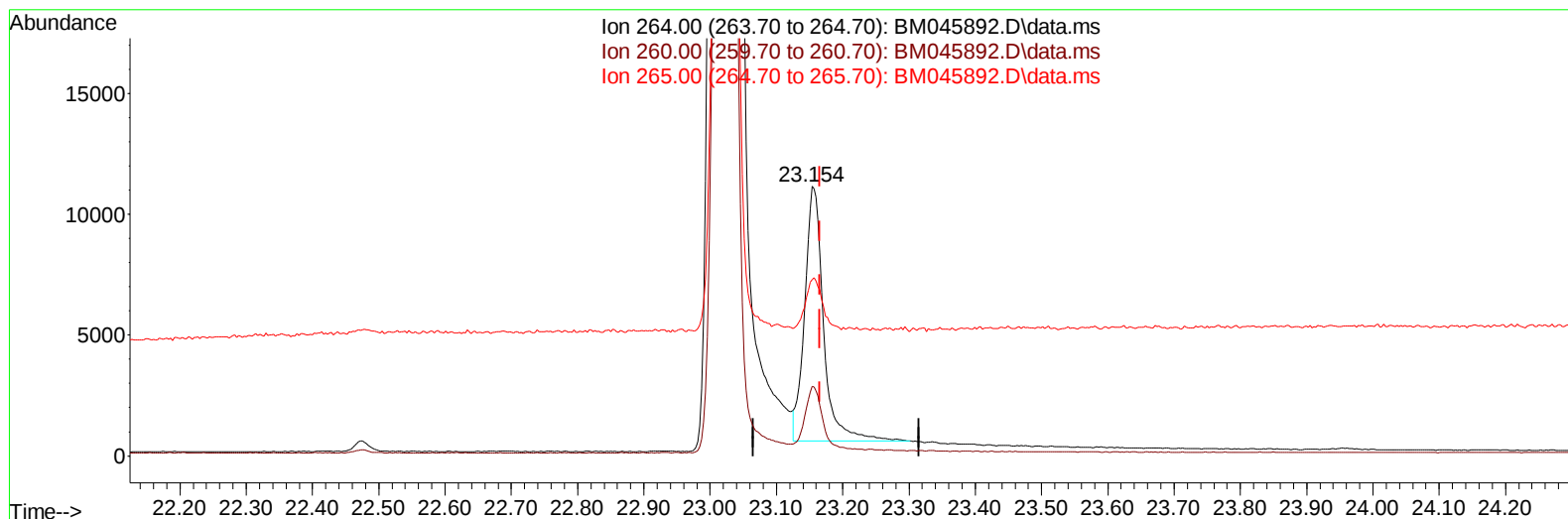
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D30

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045892.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/u1

response 21131

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.73
265.00	76.60	65.48
0.00	0.00	0.00

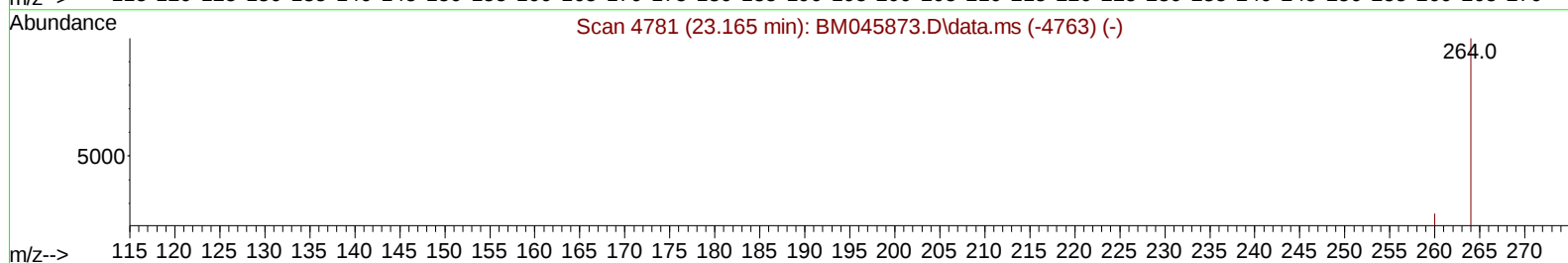
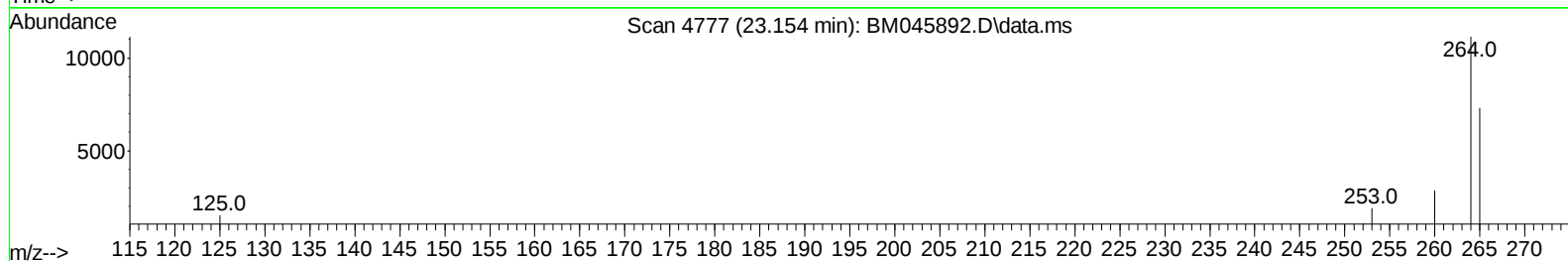
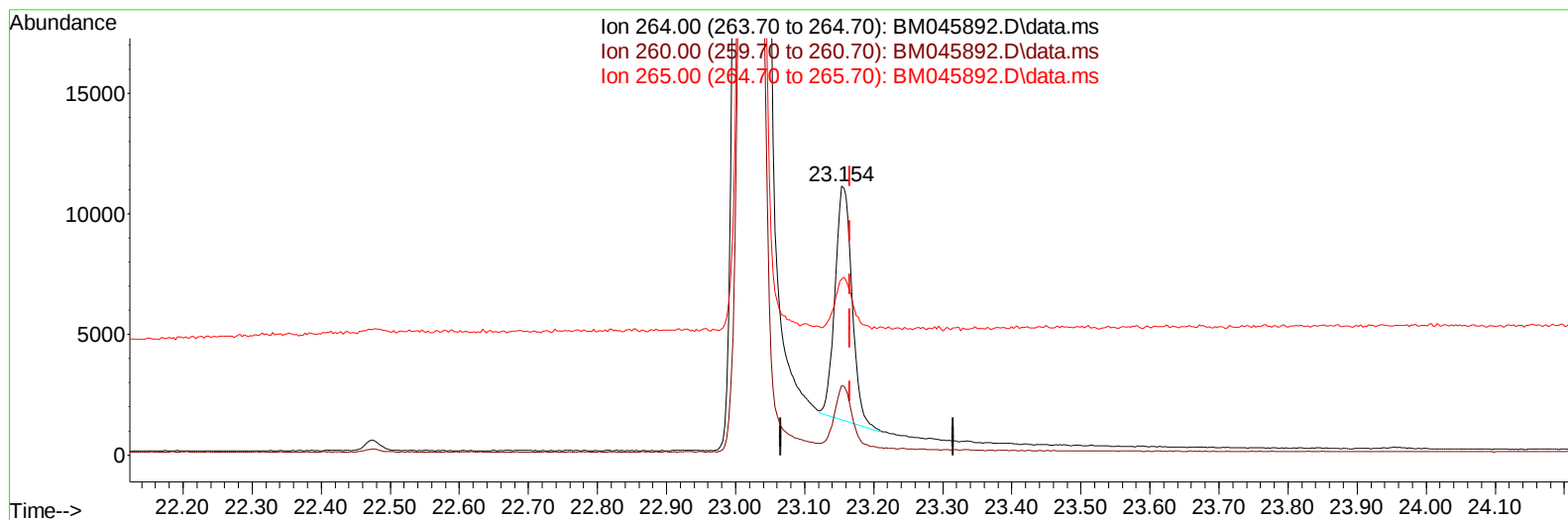
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D30

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:02:17 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045892.D\data.ms

(23) Perylene-d12 (I)

23.154min (-0.012) 0.40 ng/ul m

response 16639

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.73
265.00	76.60	65.48
0.00	0.00	0.00

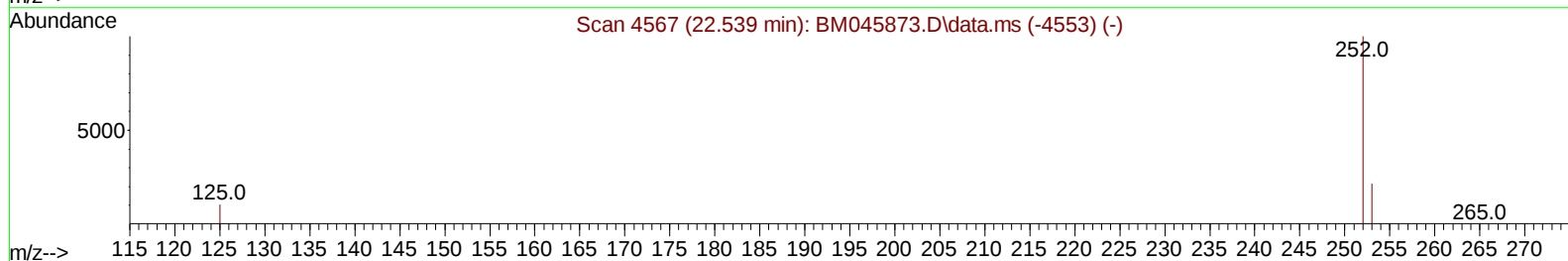
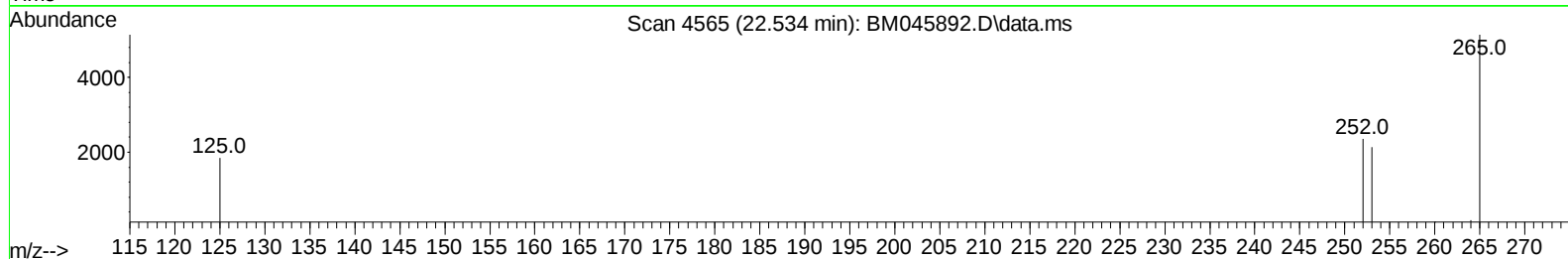
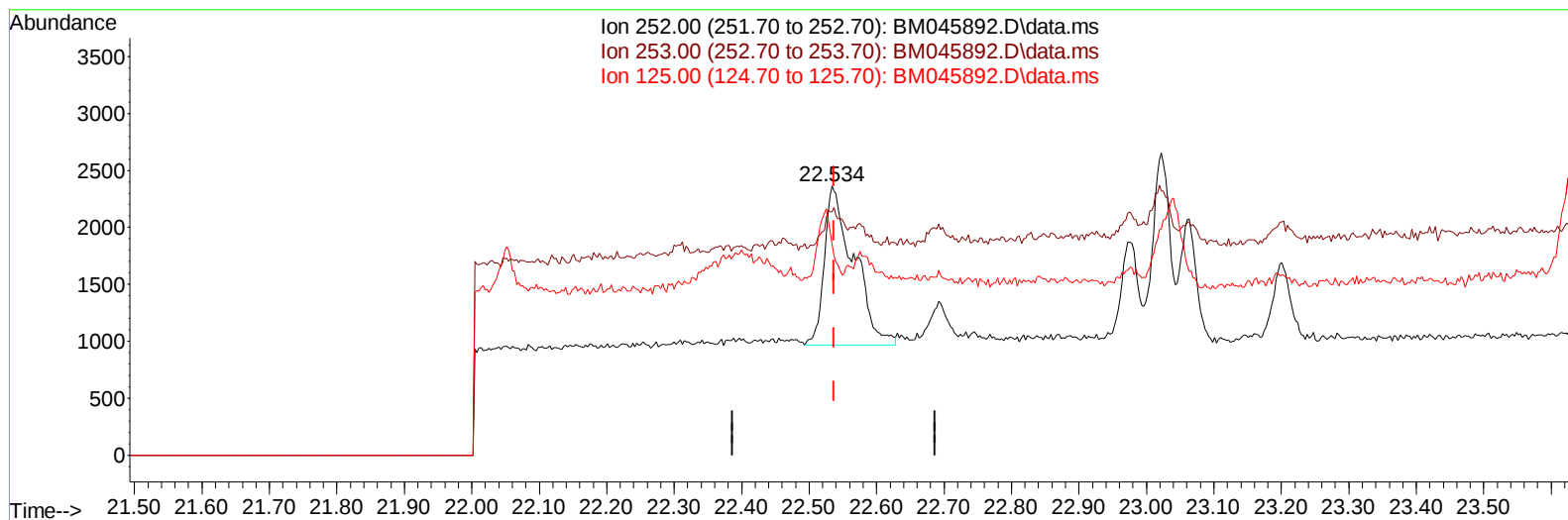
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: BM045892.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.08 ng/u1

response 4204

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	90.47#
125.00	17.90	78.32#
0.00	0.00	0.00

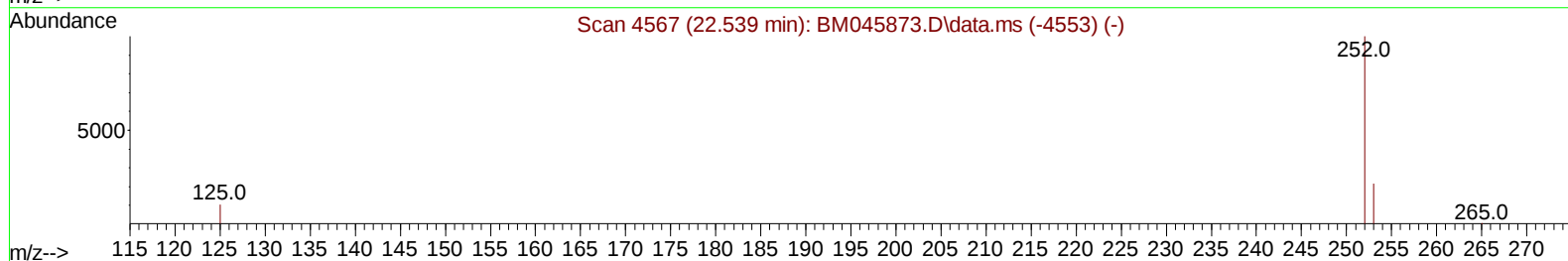
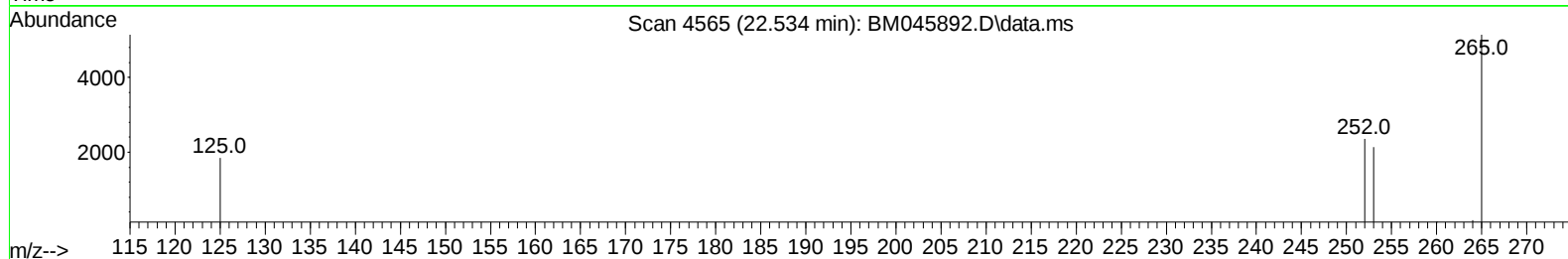
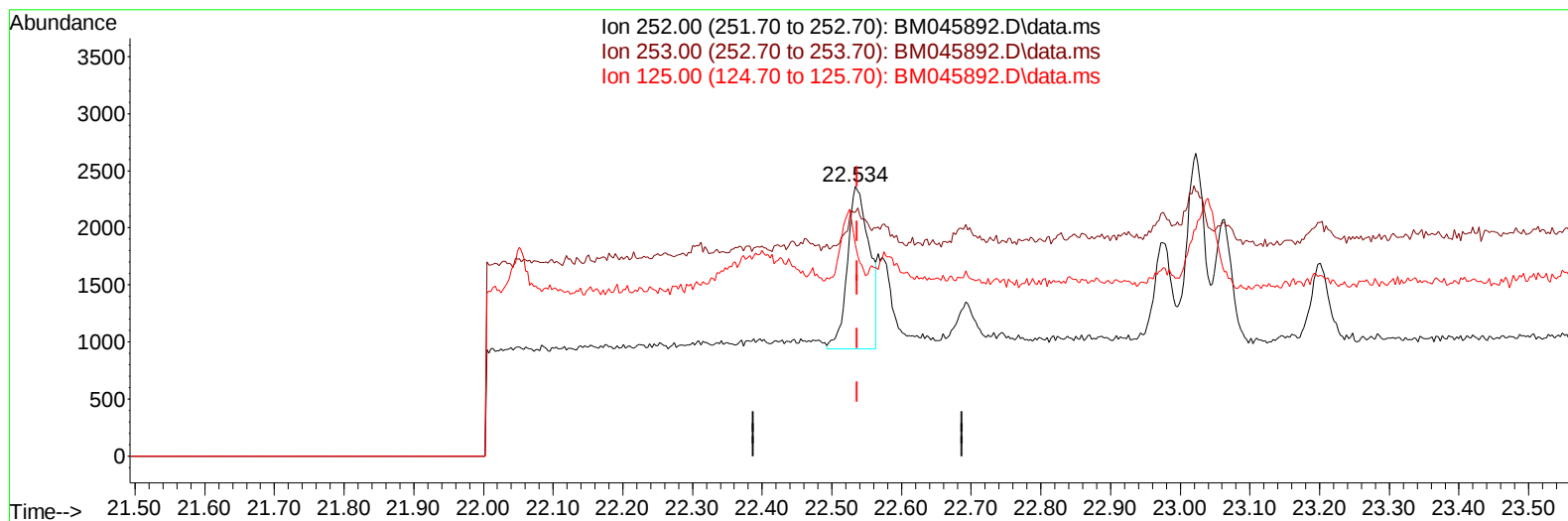
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045892.D
Acq On : 07 Jun 2024 22:19
Operator : MA/JU
Sample : P2586-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D30

Manual IntegrationsAPPROVED

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TIC: BM045892.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.06 ng/u1 m

response 3137

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	90.47#
125.00	17.90	78.32#
0.00	0.00	0.00

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 Acq On : 07 Jun 2024 22:19
 Operator : MA/JU
 Sample : P2586-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4D30

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.468	152		6190	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136		21231	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164		10996	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188		22004m	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240		16005m	0.400	ng/ul	0.00
23) Perylene-d12	23.154	264		16639m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.058	96		20380	2.891	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152		5367	0.176	ng/ul	0.00
18) Fluoranthene-d10	18.889	212		9559	0.199	ng/ul	0.00
Target Compounds							Qvalue
15) Phenanthrene	16.895	178		1985m	0.032	ng/ul	
19) Fluoranthene	18.917	202		4034	0.063	ng/ul#	93
20) Pyrene	19.280	202		3524	0.053	ng/ul#	88
21) Benzo(a)anthracene	21.032	228		1904	0.032	ng/ul#	77
22) Chrysene	21.085	228		2143	0.034	ng/ul#	81
24) Benzo(b)fluoranthene	22.534	252		3137m	0.057	ng/ul	
26) Benzo(a)pyrene	23.063	252		1684	0.031	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.226	276		1438	0.020	ng/ul#	98
29) Benzo(g,h,i)perylene	25.856	276		1573	0.026	ng/ul#	11

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

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