

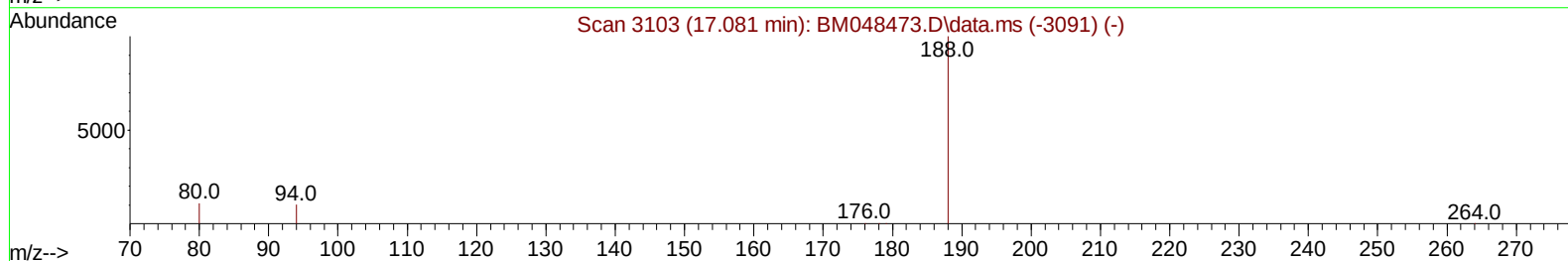
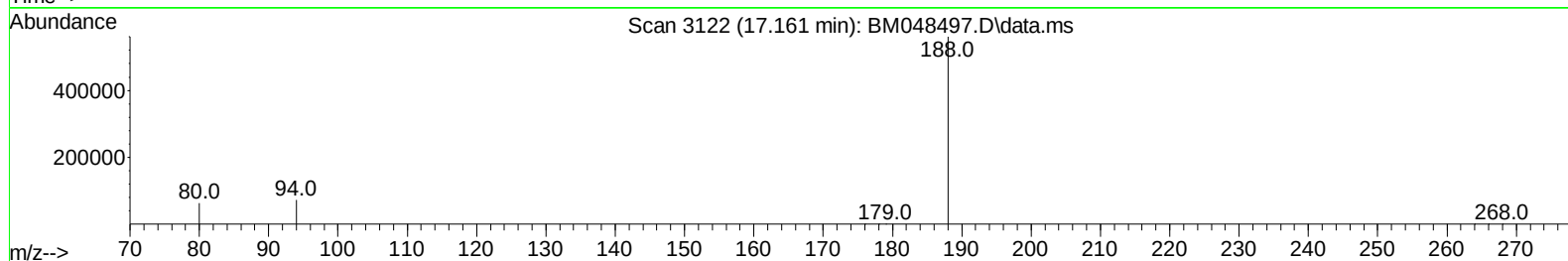
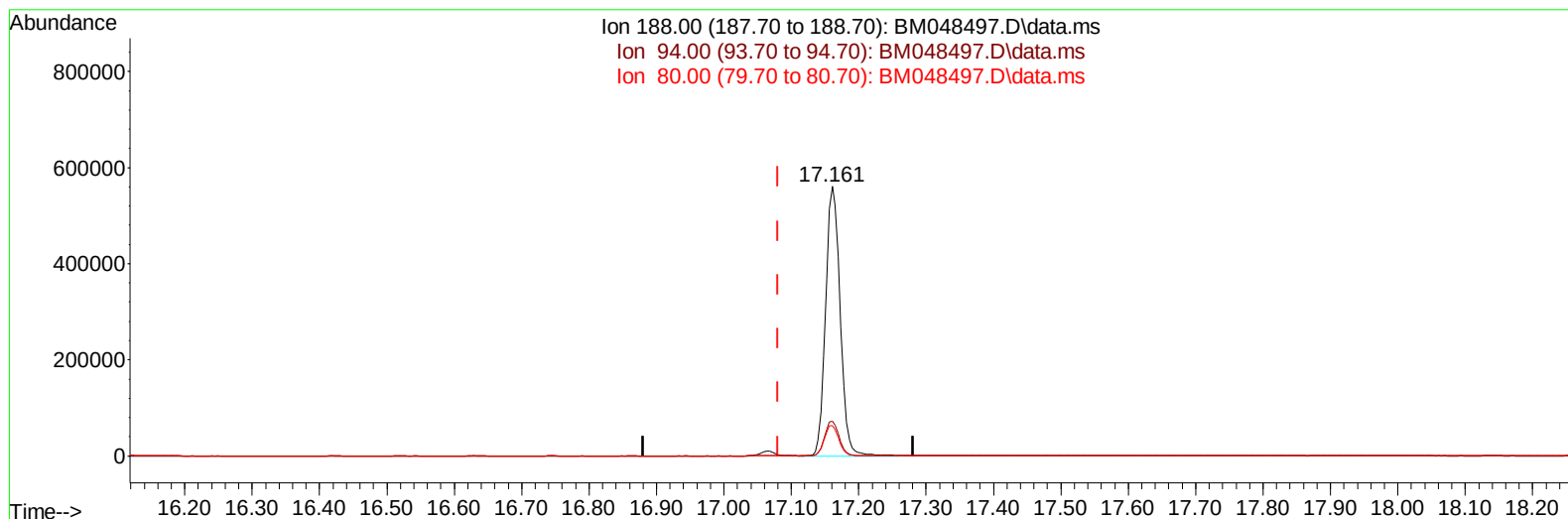
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(13) Phenanthrene-d10 (I)

17.161min (+ 0.080) 0.40 ng/u1

response 836820

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	12.88
80.00	12.60	11.12
0.00	0.00	0.00

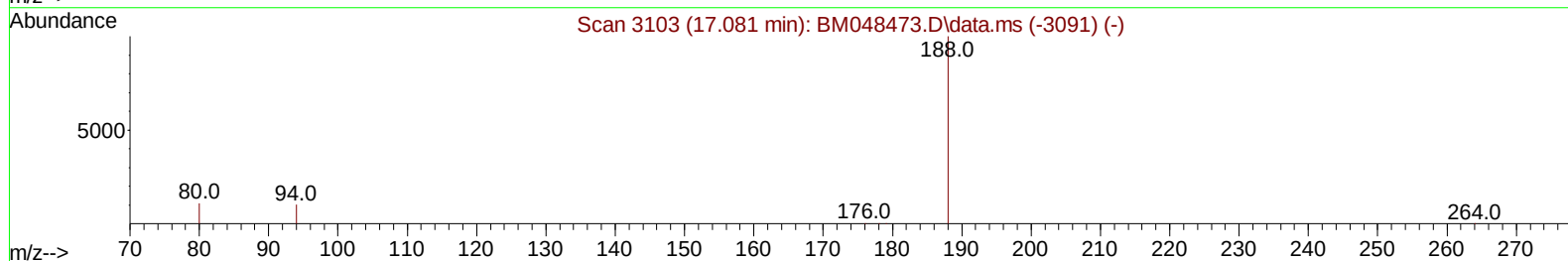
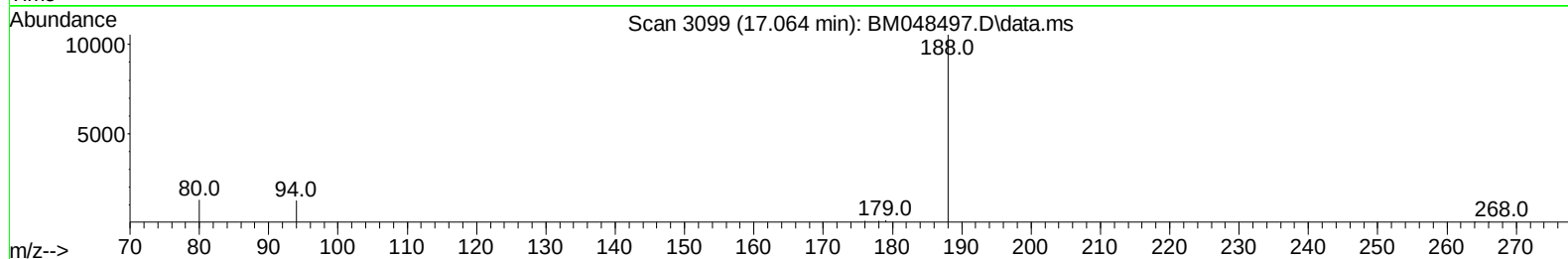
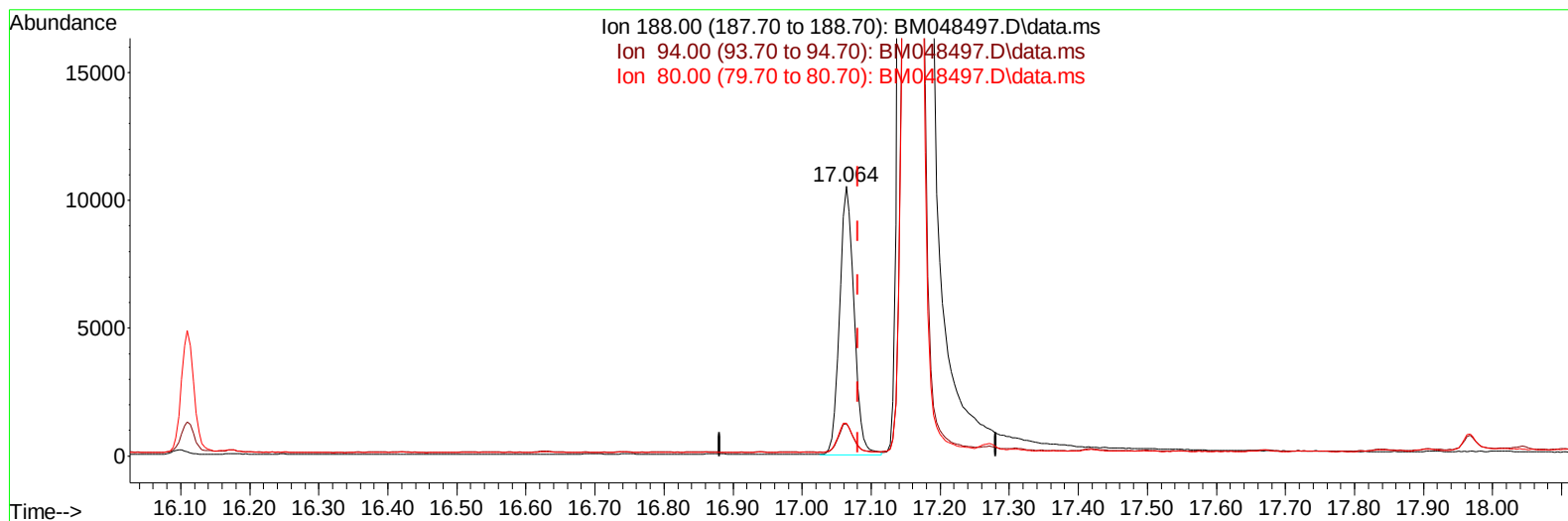
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (-0.017) 0.40 ng/ul m

response 15200

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	11.86
80.00	12.60	12.18
0.00	0.00	0.00

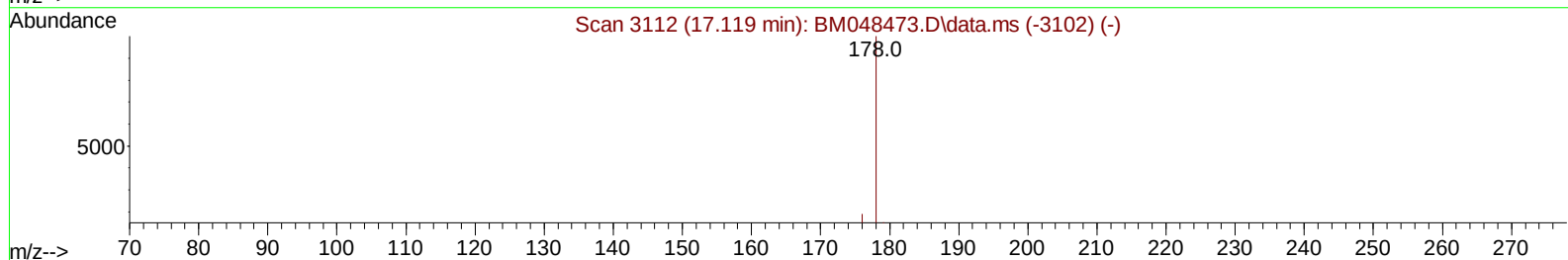
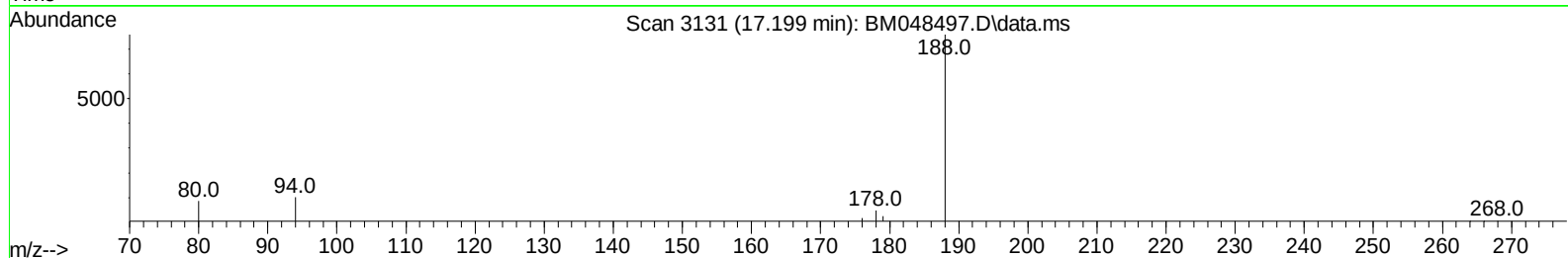
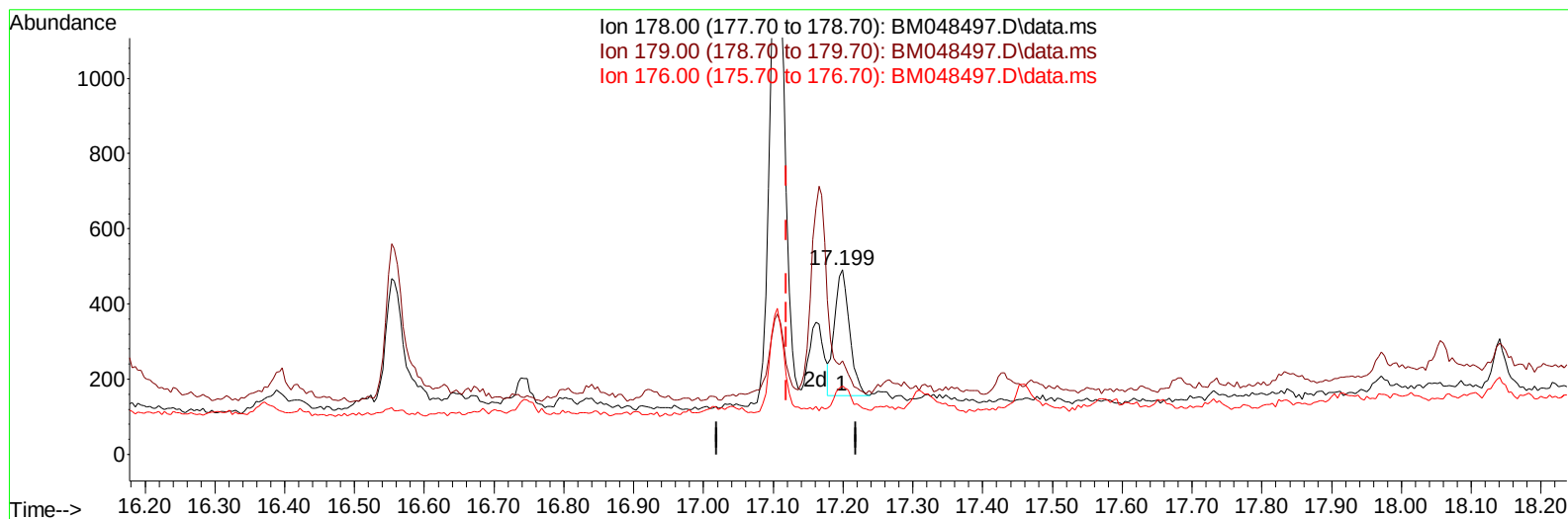
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048497.D
 Acq On : 07 Nov 2024 03:49
 Operator : RC/JU
 Sample : P4634-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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 QLast Update : Wed Nov 06 14:39:10 2024
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 Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(15) Phenanthrene

17.199min (+ 0.080) 0.01 ng/ul

response 495

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	50.51#
176.00	20.20	37.07#
0.00	0.00	0.00

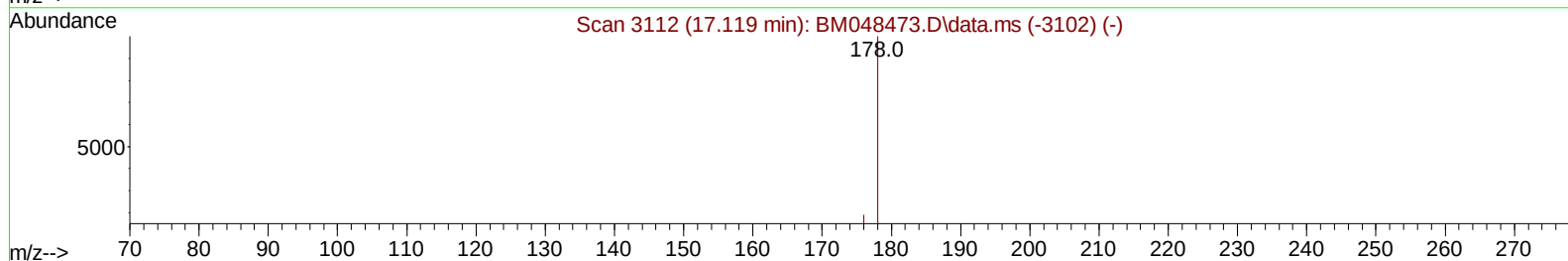
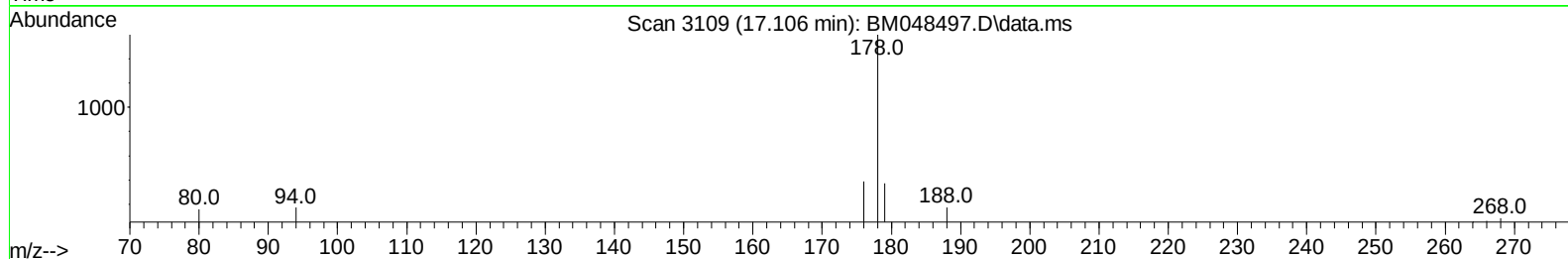
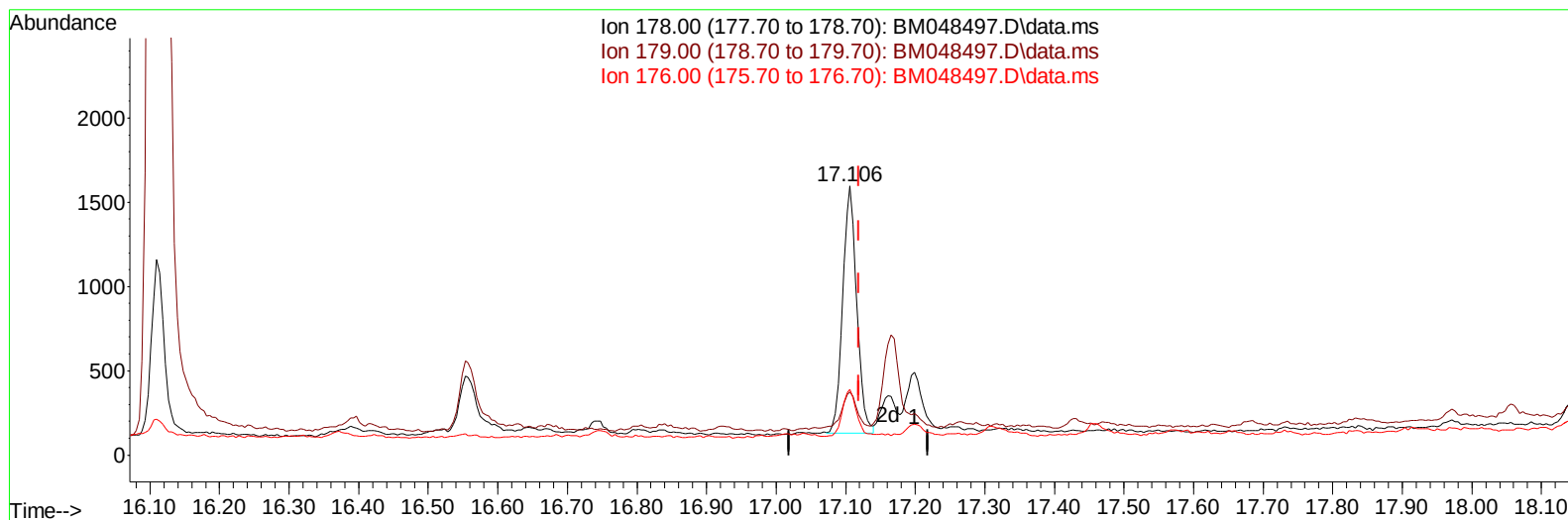
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(15) Phenanthrene

17.106min (-0.013) 0.05 ng/ul m

response 2063

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.70	23.43#
176.00	20.20	24.37#
0.00	0.00	0.00

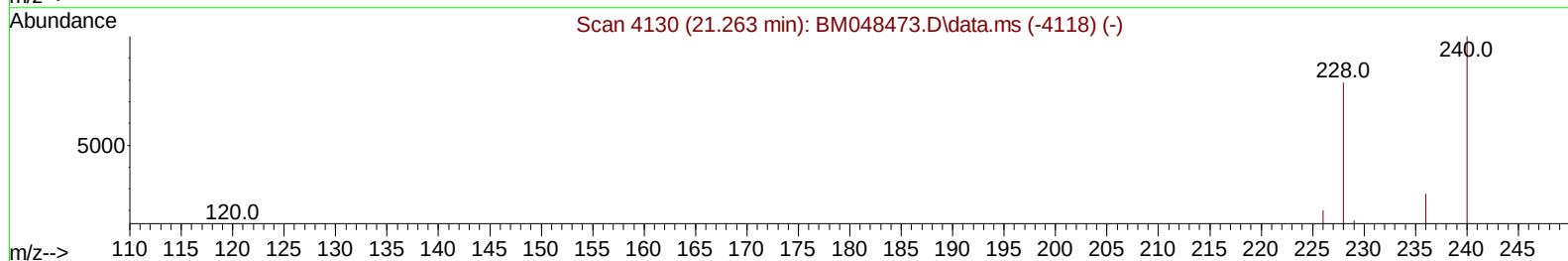
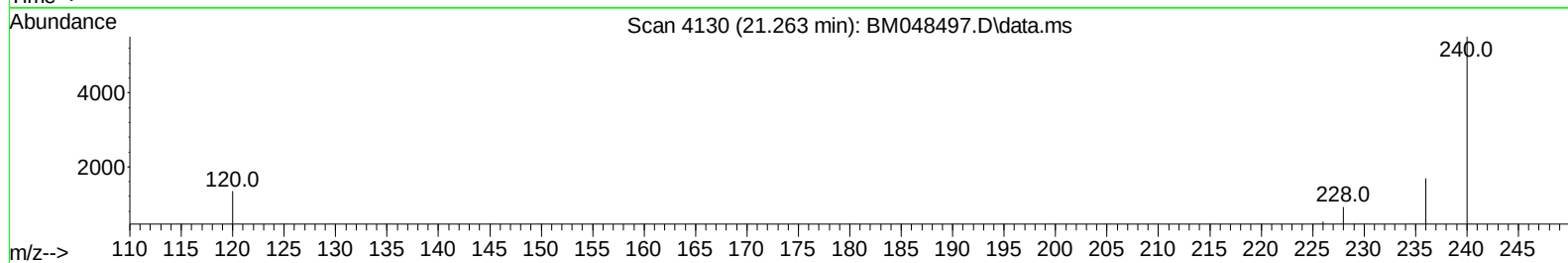
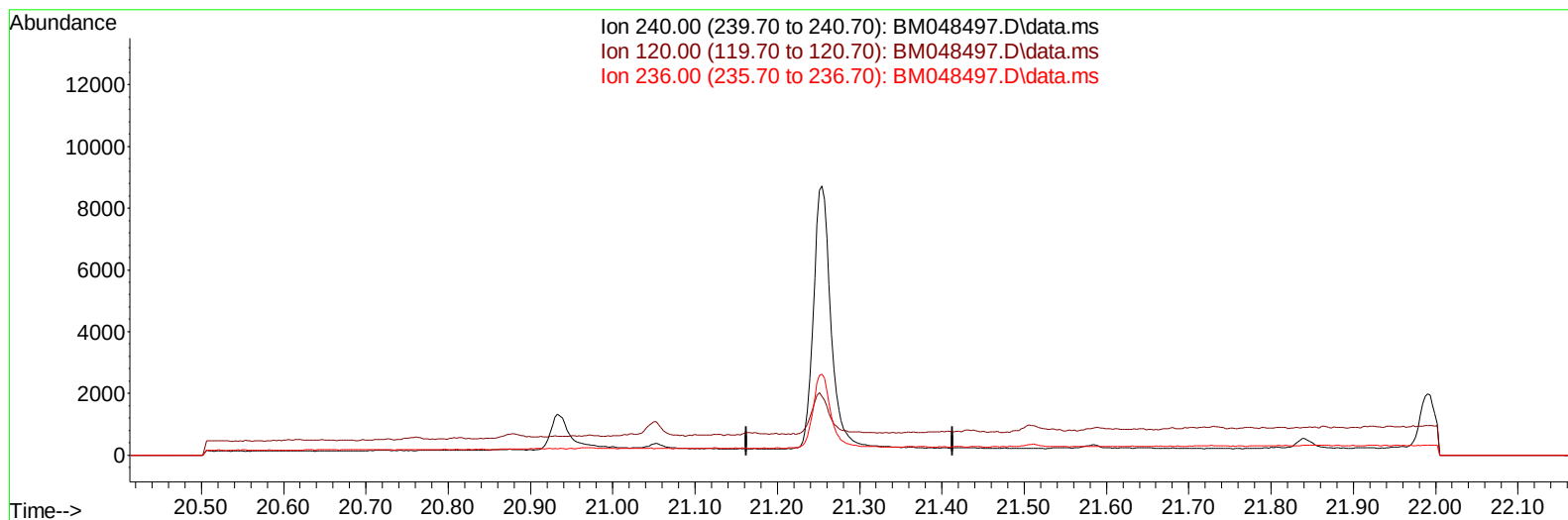
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
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TIC: BM048497.D\data.ms

(17) Chrysene-d12

21.263min (-21.263) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	20.50	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

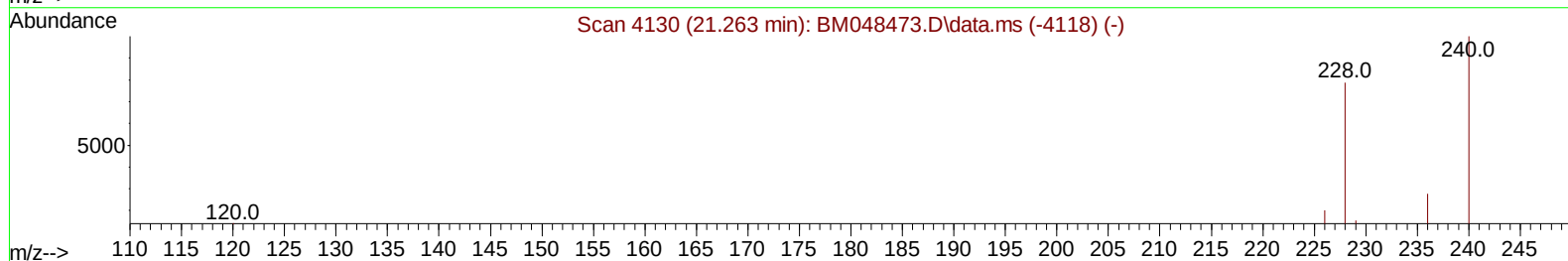
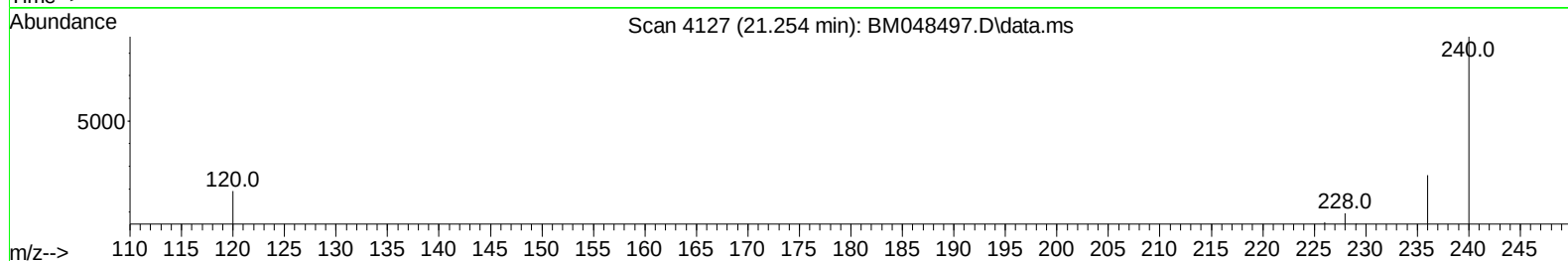
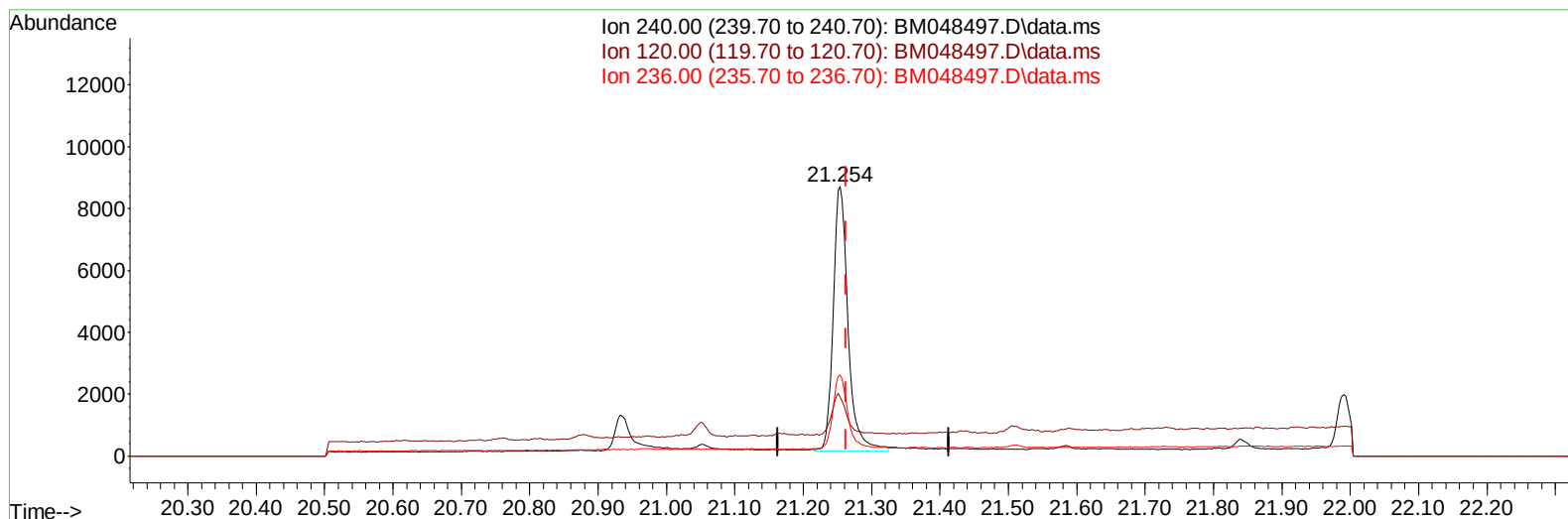
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(17) Chrysene-d12

21.254min (-0.009) 0.40 ng/ul m

response 12909

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	21.94
236.00	29.90	30.09
0.00	0.00	0.00

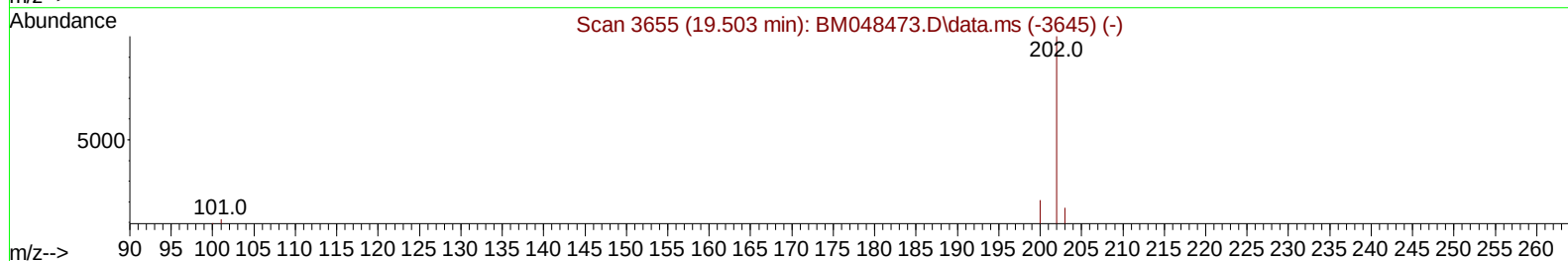
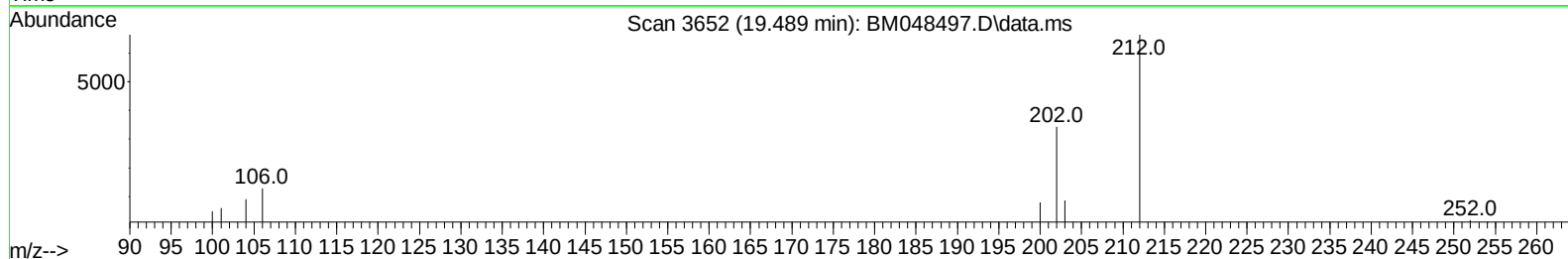
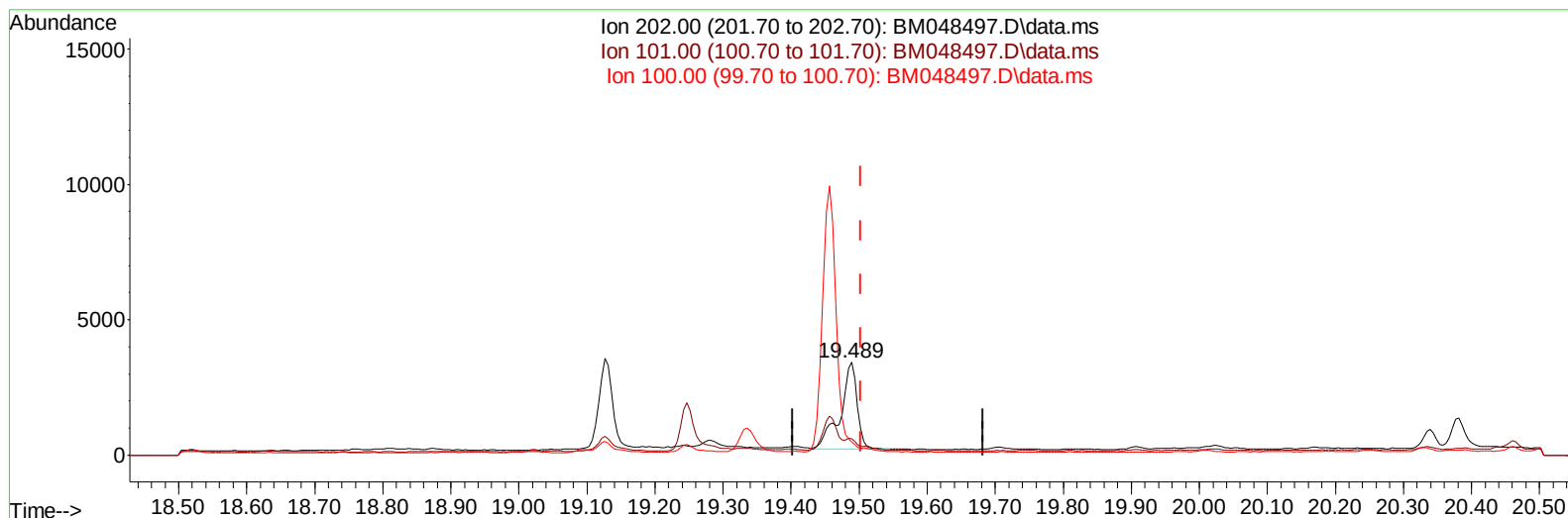
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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TIC: BM048497.D\data.ms

(20) Pyrene

19.489min (-0.014) 0.11 ng/uL

response 5669

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.30	17.16
100.00	10.60	14.22#
0.00	0.00	0.00

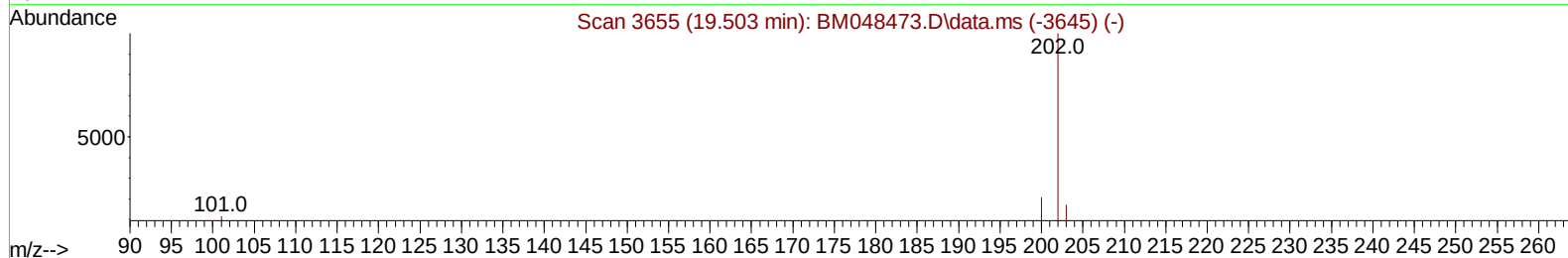
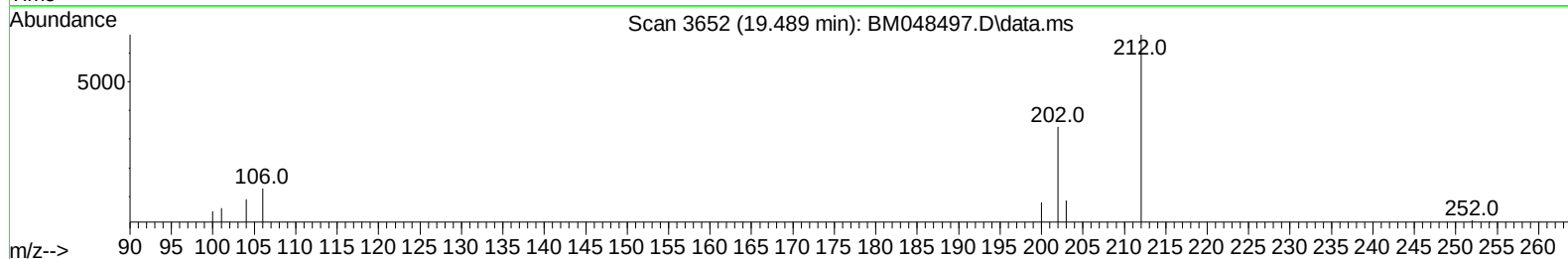
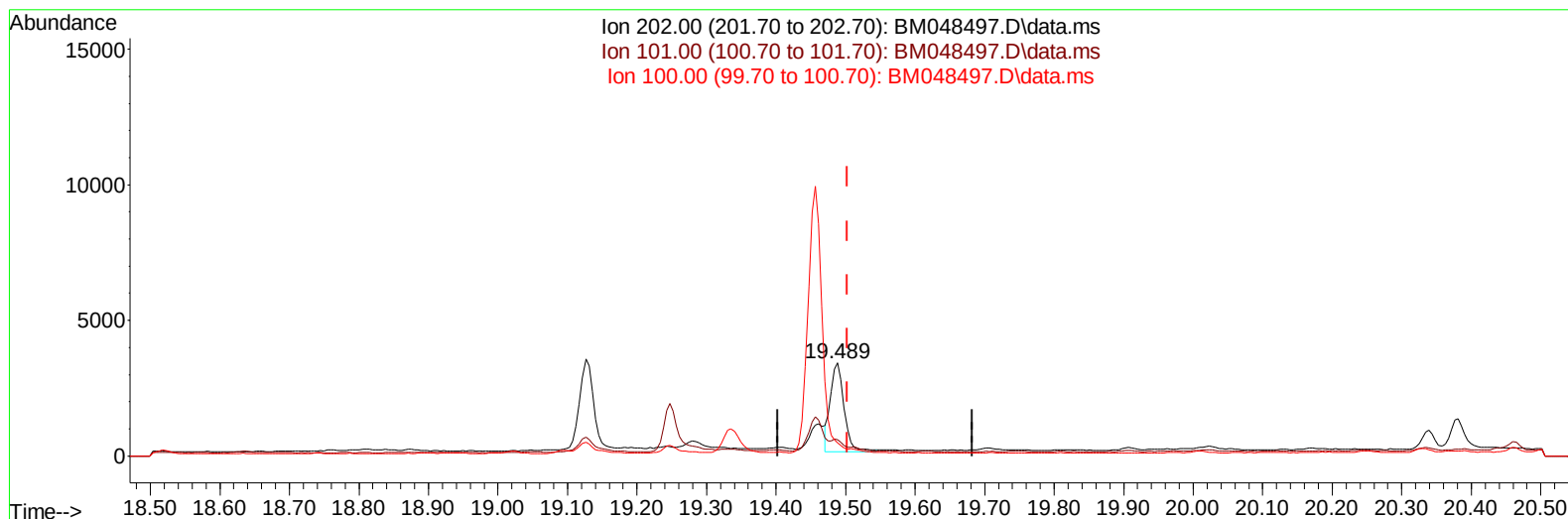
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 11/11/2024



TIC: BM048497.D\data.ms

(20) Pyrene

19.489min (-0.014) 0.09 ng/ul m

response 4462

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.30	17.16
100.00	10.60	14.22#
0.00	0.00	0.00

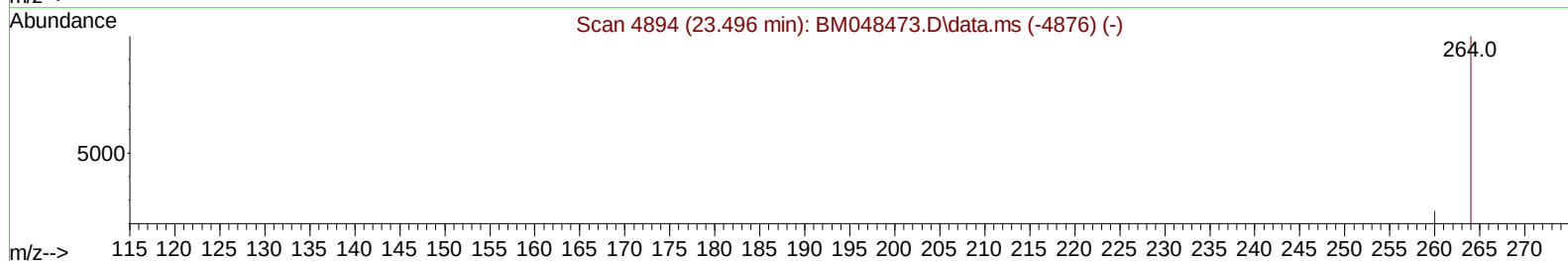
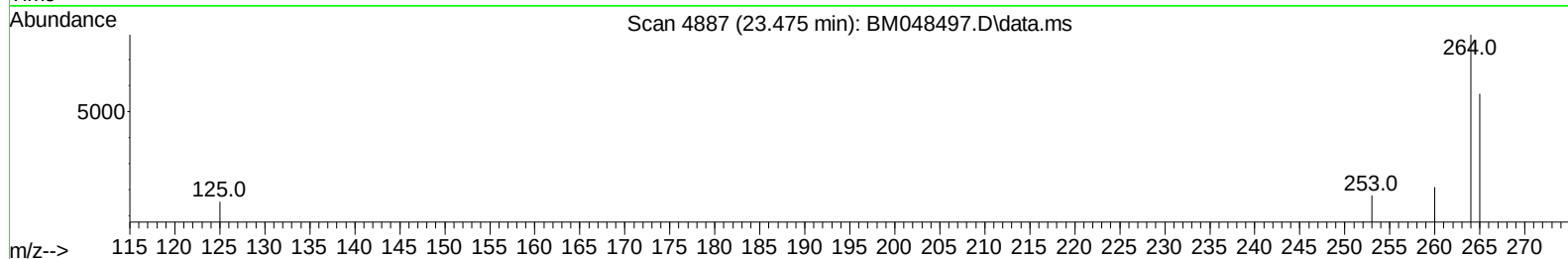
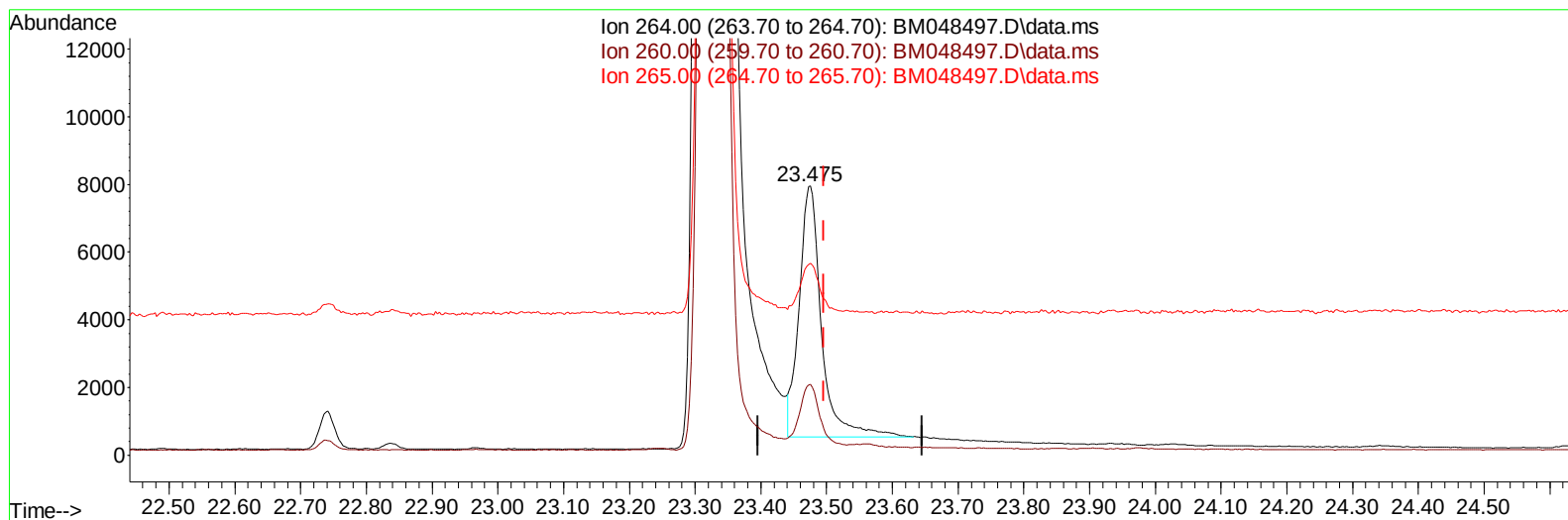
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048497.D
 Acq On : 07 Nov 2024 03:49
 Operator : RC/JU
 Sample : P4634-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R3

Manual IntegrationsAPPROVED

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TIC: BM048497.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/u1

response 17653

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.28
265.00	119.80	71.40#
0.00	0.00	0.00

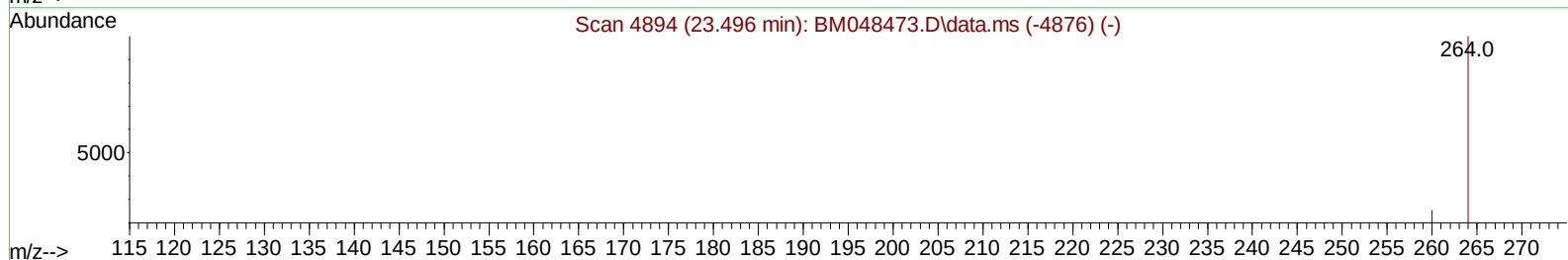
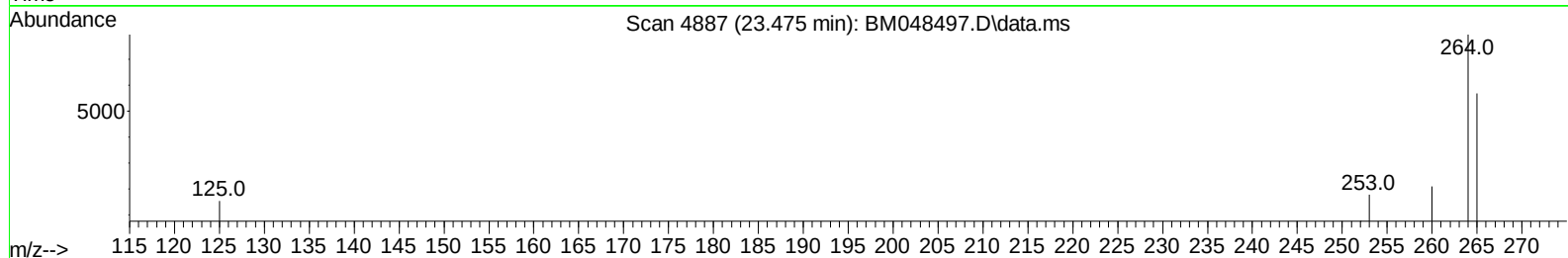
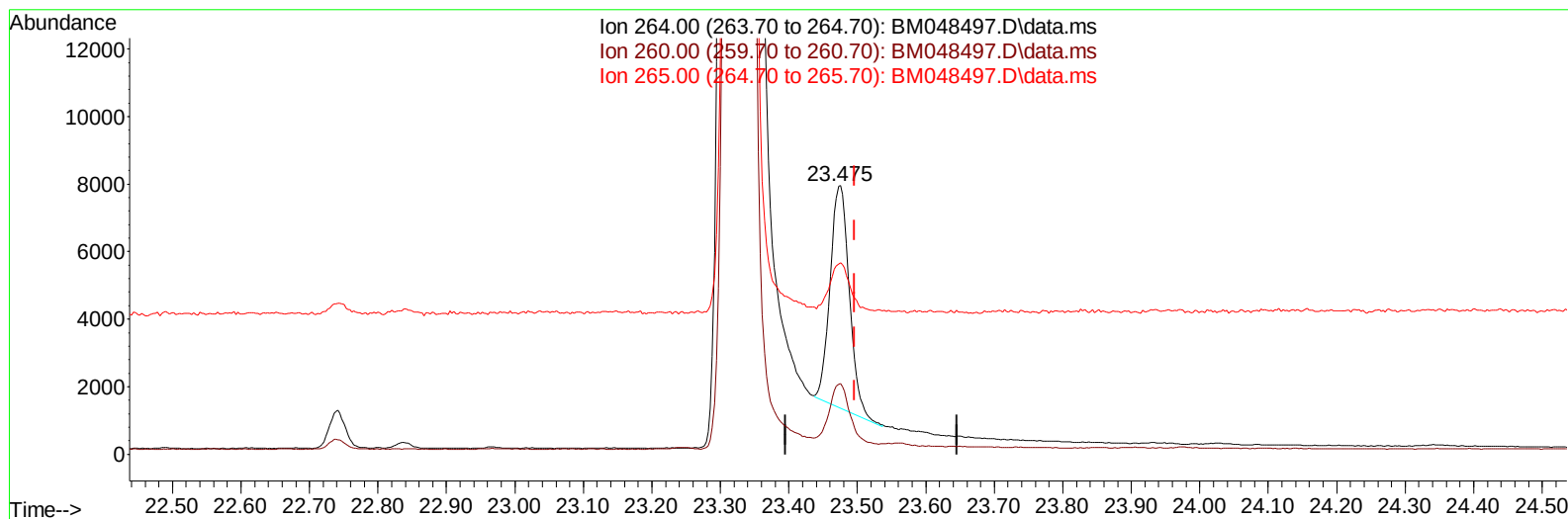
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM048497.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/ul m

response 12744

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.28
265.00	119.80	71.40#
0.00	0.00	0.00

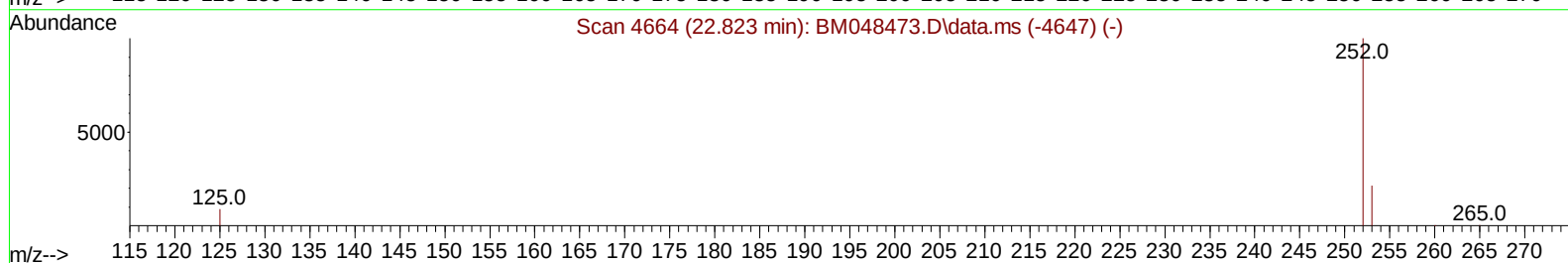
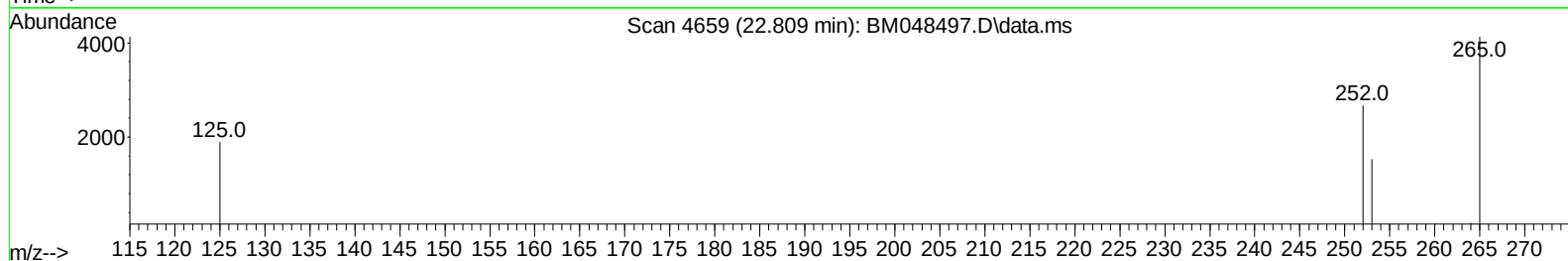
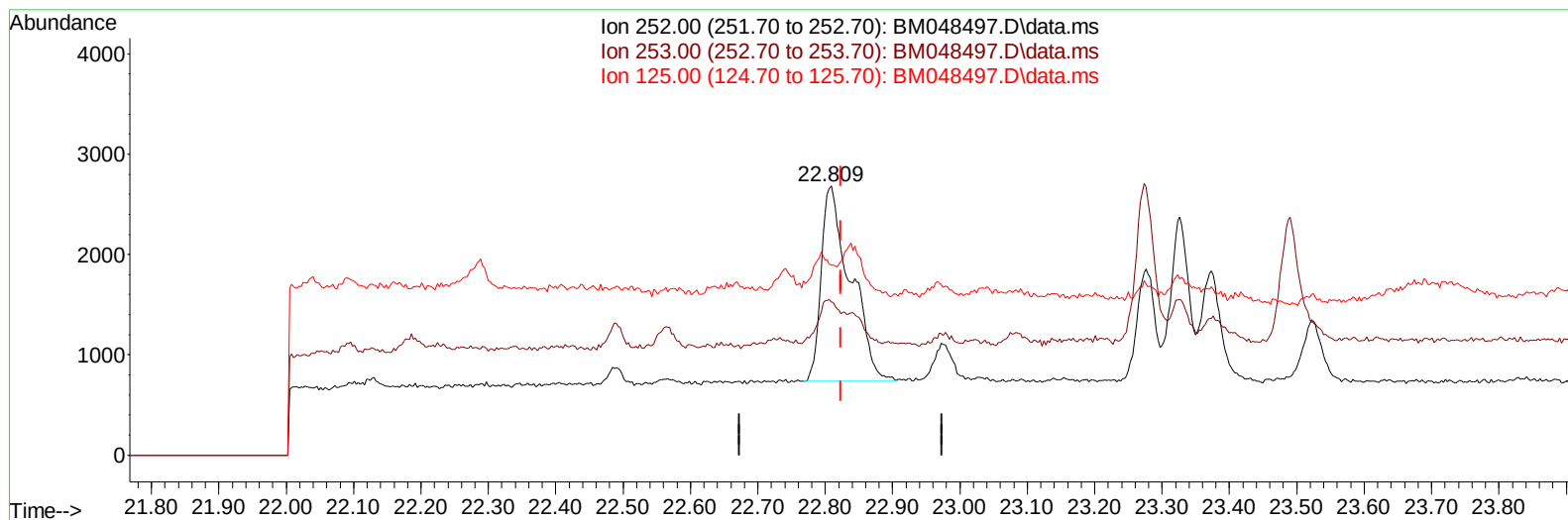
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048497.D
 Acq On : 07 Nov 2024 03:49
 Operator : RC/JU
 Sample : P4634-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R3

Manual IntegrationsAPPROVED

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TIC: BM048497.D\data.ms

(24) Benzo(b)fluoranthene

22.809min (-0.015) 0.15 ng/u1

response 5878

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	57.03
125.00	21.60	70.61#
0.00	0.00	0.00

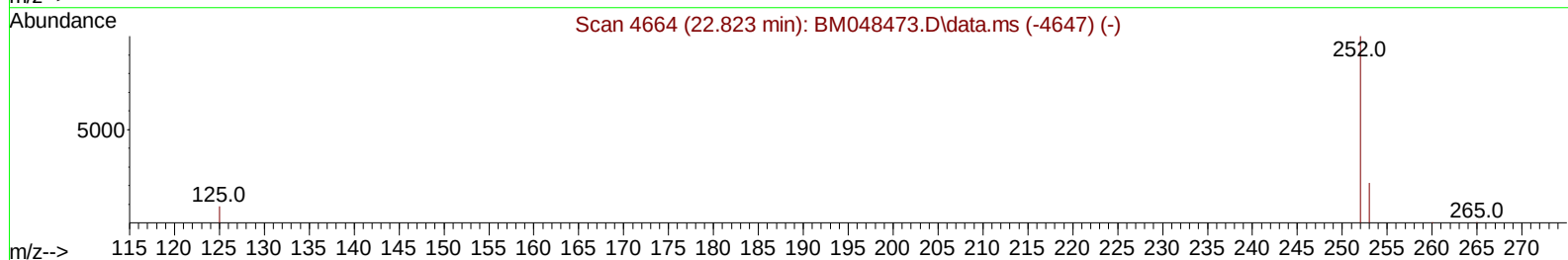
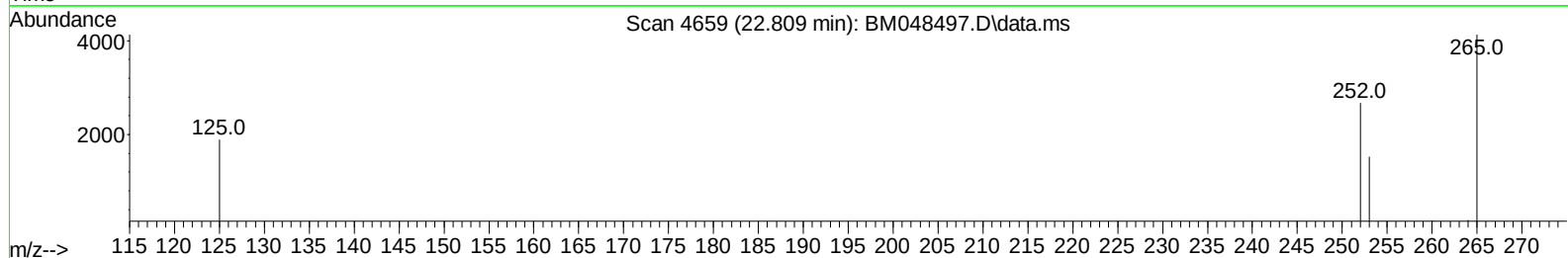
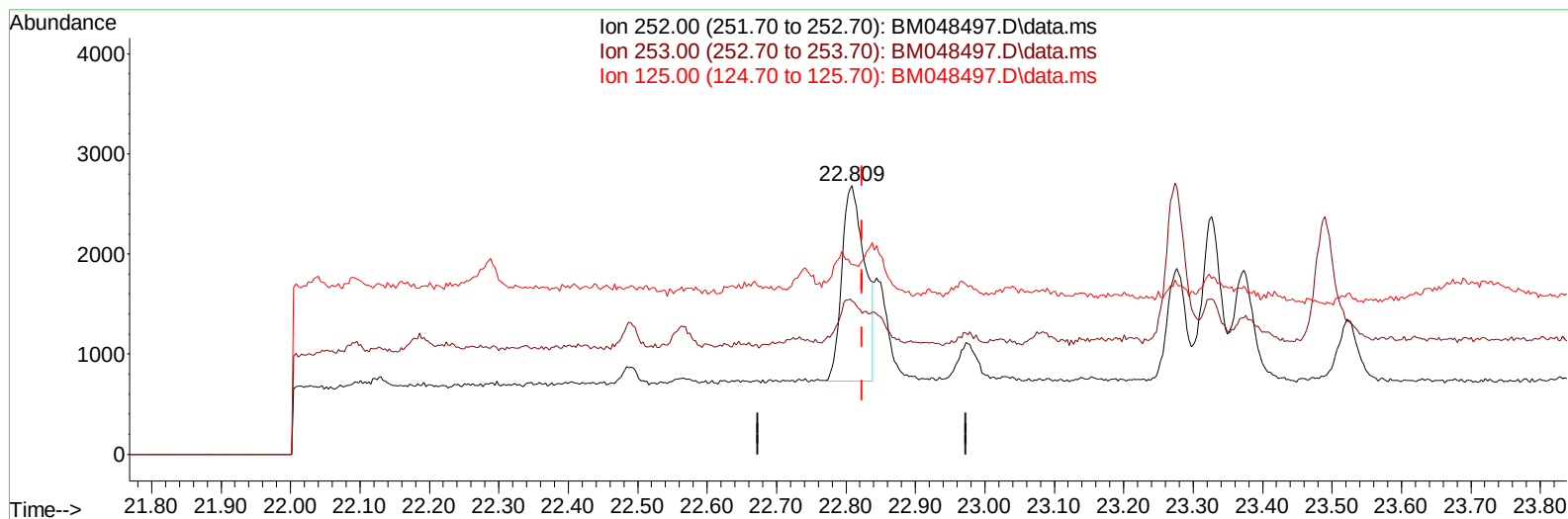
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
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TIC: BM048497.D\data.ms

(24) Benzo(b)fluoranthene

22.809min (-0.015) 0.11 ng/ul m

response 4448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	57.03
125.00	21.60	70.61#
0.00	0.00	0.00

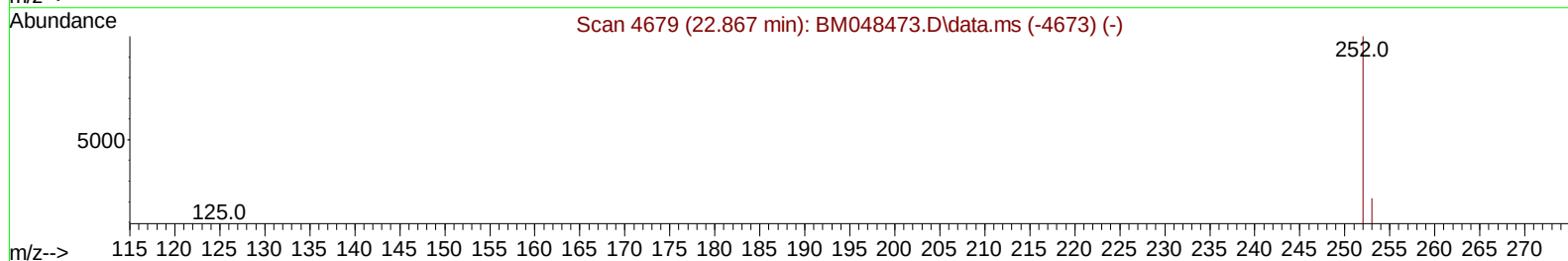
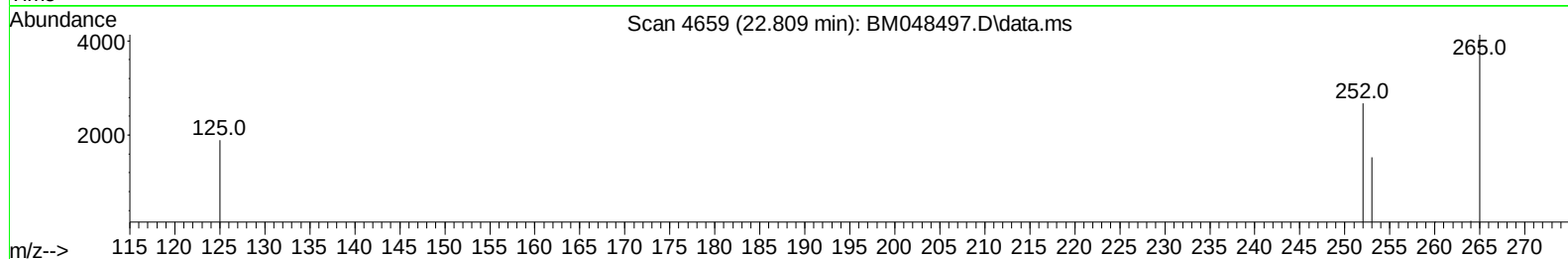
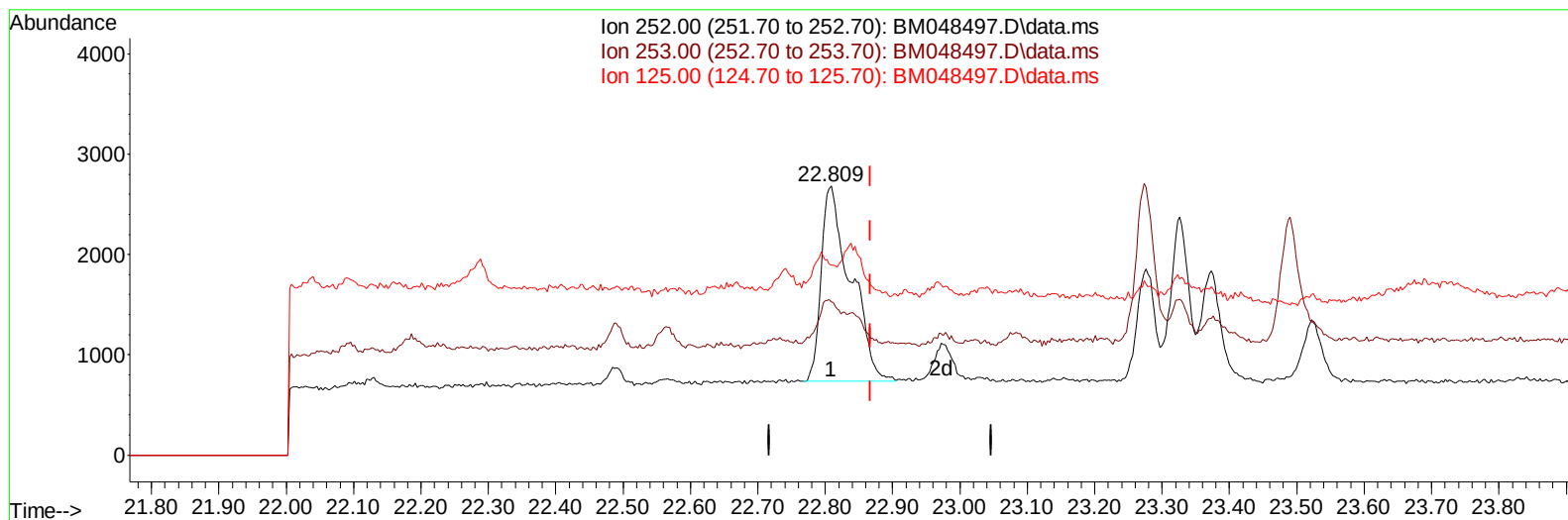
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Quant Time: Nov 07 04:20:56 2024
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TIC: BM048497.D\data.ms

(25) Benzo(k)fluoranthene

22.809min (-0.059) 0.13 ng/u1

response 5878

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	57.03#
125.00	21.70	70.61#
0.00	0.00	0.00

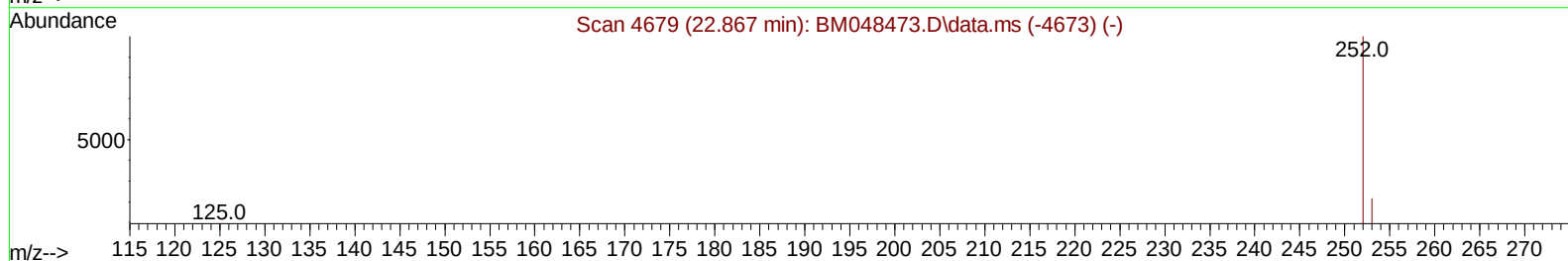
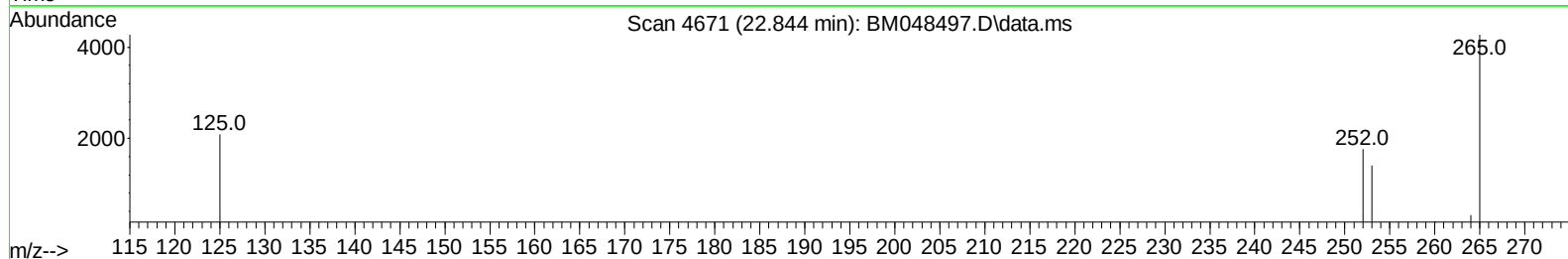
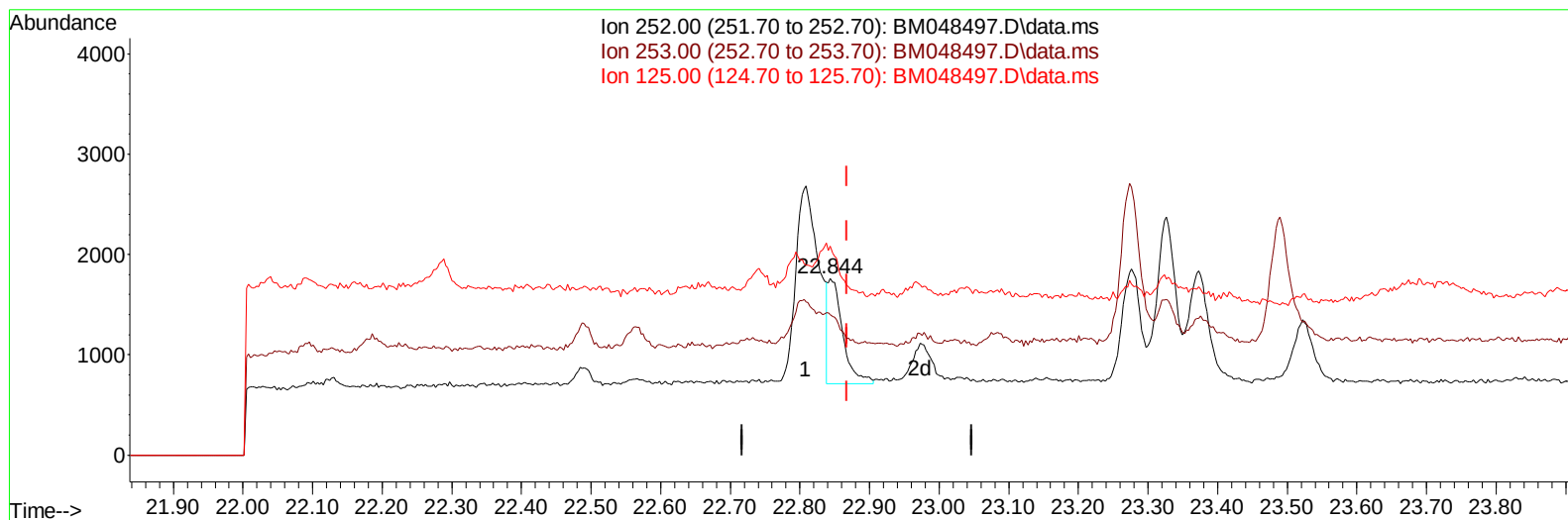
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048497.D
Acq On : 07 Nov 2024 03:49
Operator : RC/JU
Sample : P4634-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R3

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 04:20:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration



TIC: BM048497.D\data.ms

(25) Benzo(k)fluoranthene

22.844min (-0.024) 0.03 ng/u1 m

response 1552

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	79.42#
125.00	21.70	117.97#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.674	152		4673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136		14607	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164		7685	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188		15200m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.254	240		12909m	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264		12744m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.134	96		24314	4.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152		5213	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.098	212		10298	0.284	ng/ul	0.00
Target Compounds							Qvalue
10) Acenaphthylene	14.038	152		702	0.024	ng/ul#	63
15) Phenanthrene	17.106	178		2063m	0.052	ng/ul	
19) Fluoranthene	19.126	202		5014	0.105	ng/ul#	84
20) Pyrene	19.489	202		4462m	0.086	ng/ul	
21) Benzo(a)anthracene	21.240	228		3007	0.071	ng/ul#	76
22) Chrysene	21.289	228		2564	0.051	ng/ul#	79
24) Benzo(b)fluoranthene	22.809	252		4448m	0.112	ng/ul	
25) Benzo(k)fluoranthene	22.844	252		1552m	0.033	ng/ul	
26) Benzo(a)pyrene	23.373	252		2184	0.056	ng/ul#	15
27) Indeno(1,2,3-cd)pyrene	25.732	276		1828	0.034	ng/ul#	81
29) Benzo(g,h,i)perylene	26.416	276		1911	0.042	ng/ul#	38

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

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