

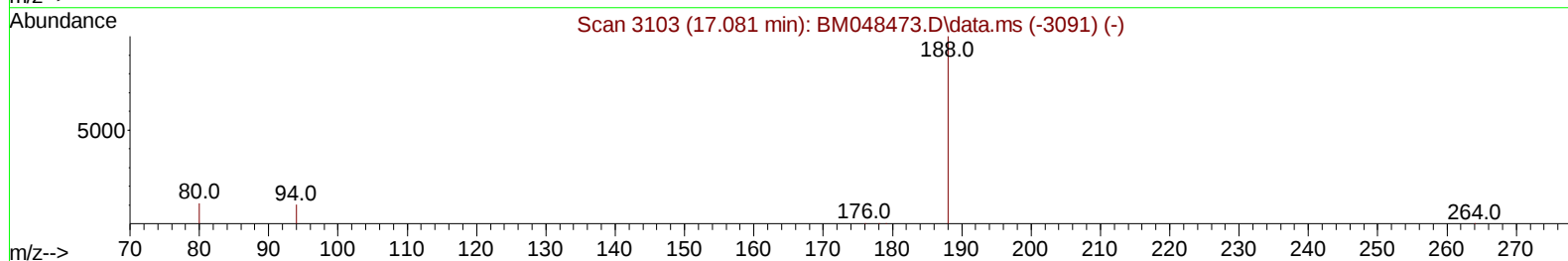
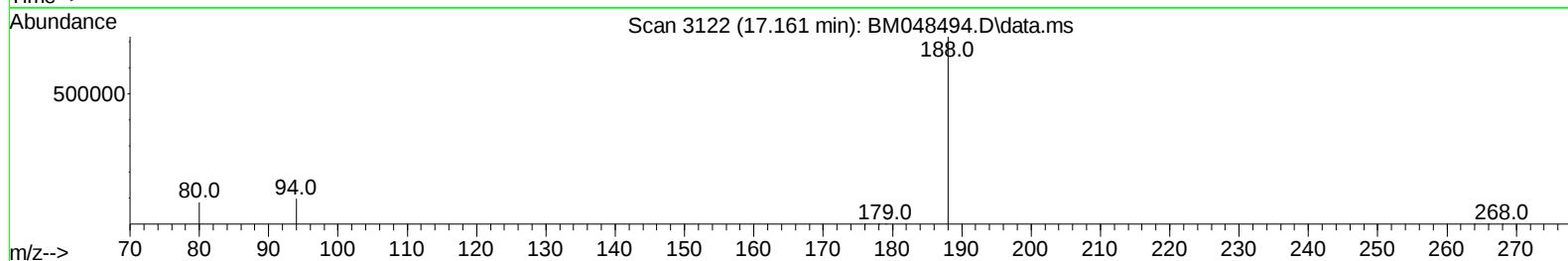
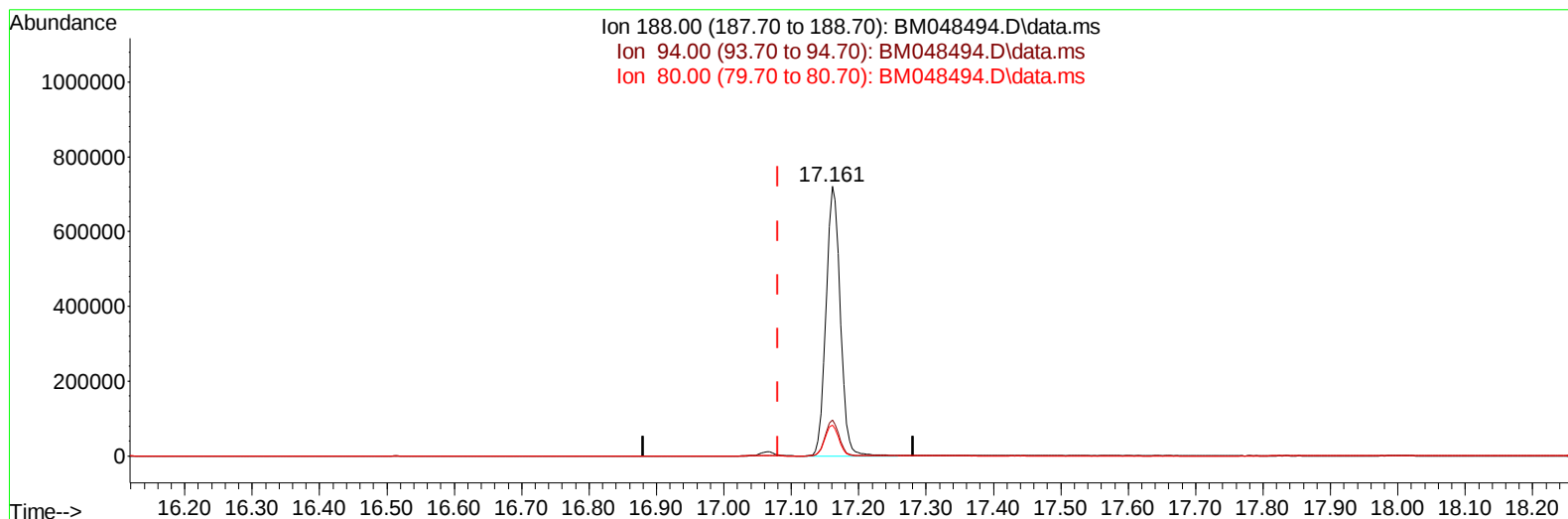
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 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: BM048494.D\data.ms

(13) Phenanthrene-d10 (I)

17.161min (+ 0.080) 0.40 ng/u1

response 1054415

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	13.42
80.00	12.60	11.57
0.00	0.00	0.00

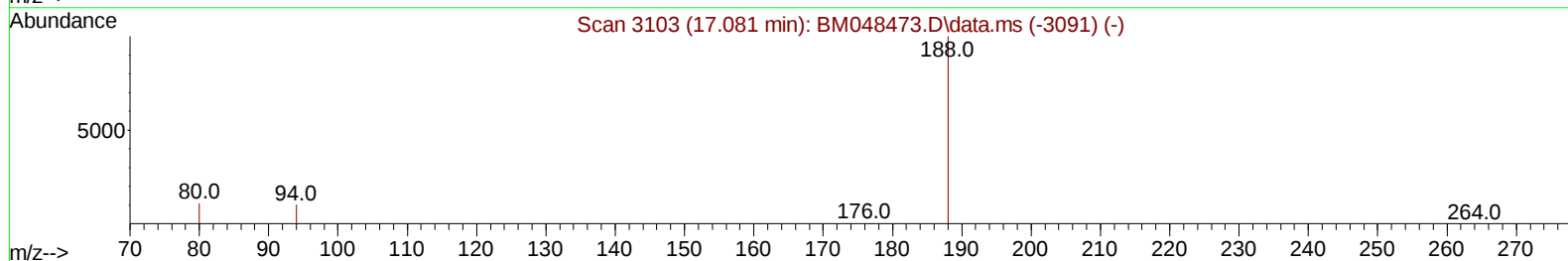
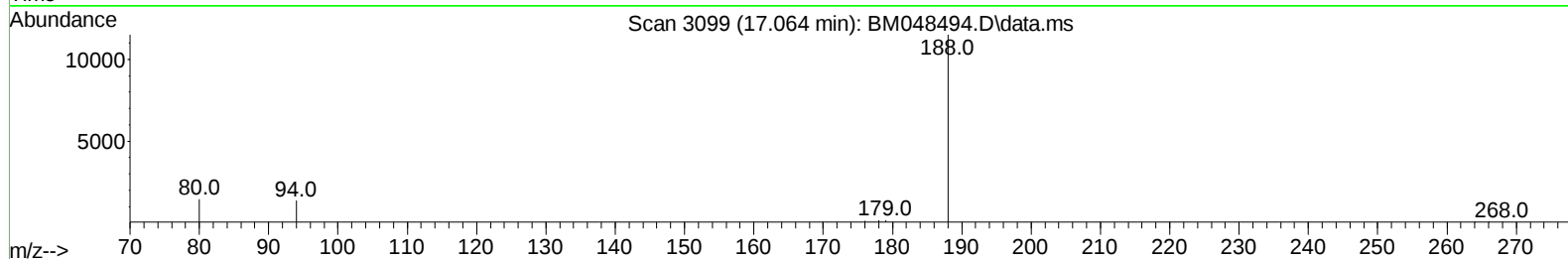
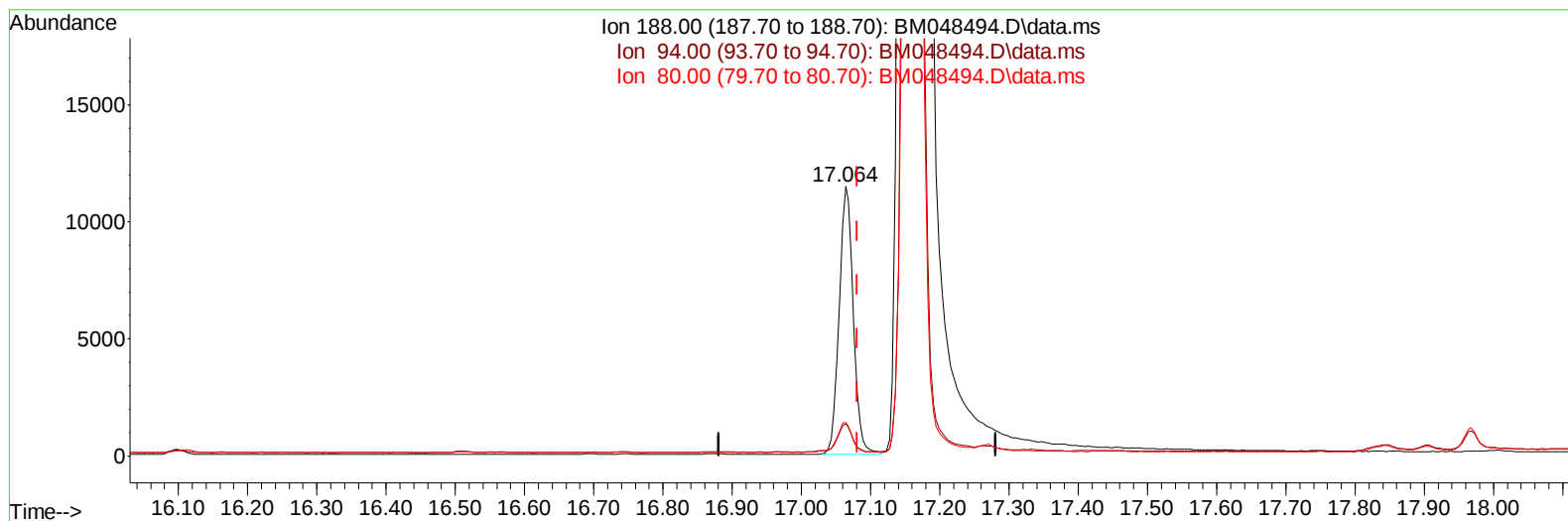
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
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QLast Update : Wed Nov 06 14:39:10 2024
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Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



TIC: BM048494.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (-0.017) 0.40 ng/ul m

response 16364

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.00	11.94
80.00	12.60	12.52
0.00	0.00	0.00

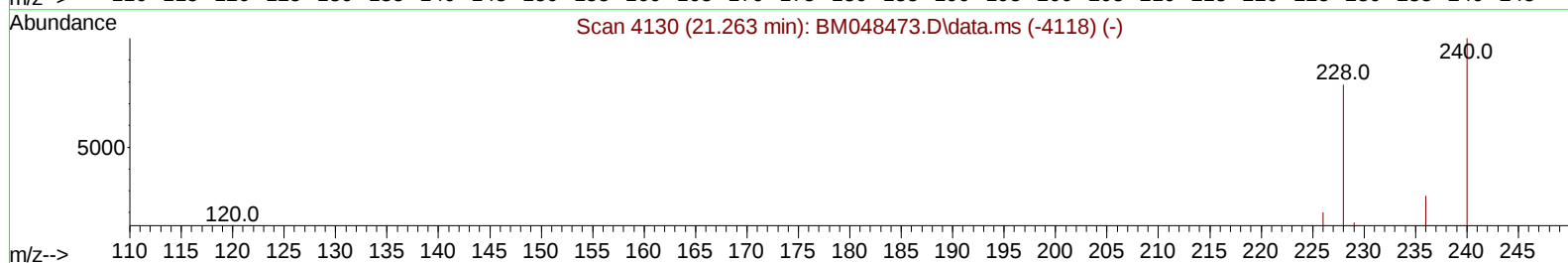
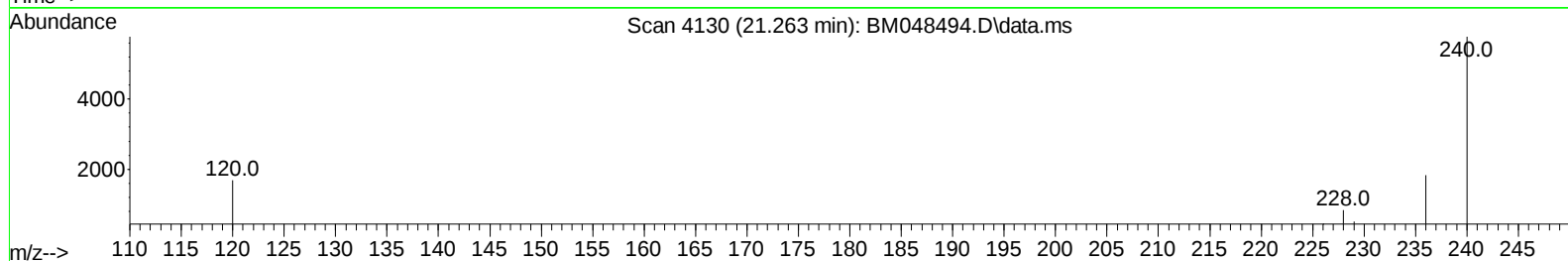
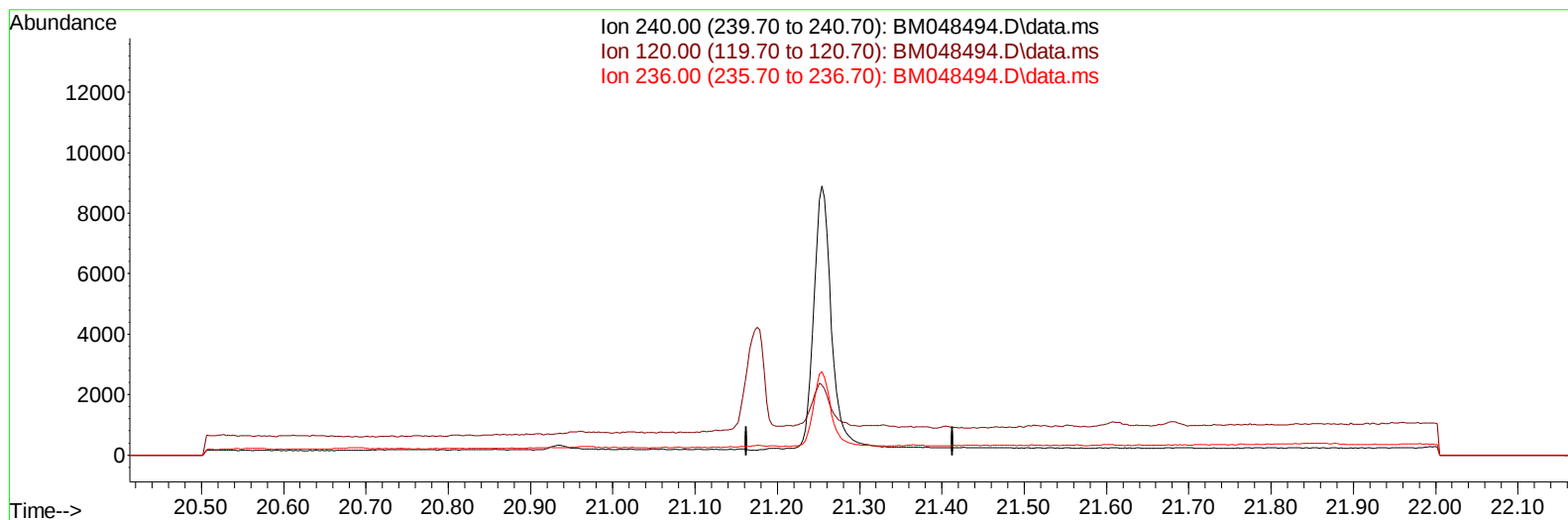
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
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TIC: BM048494.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

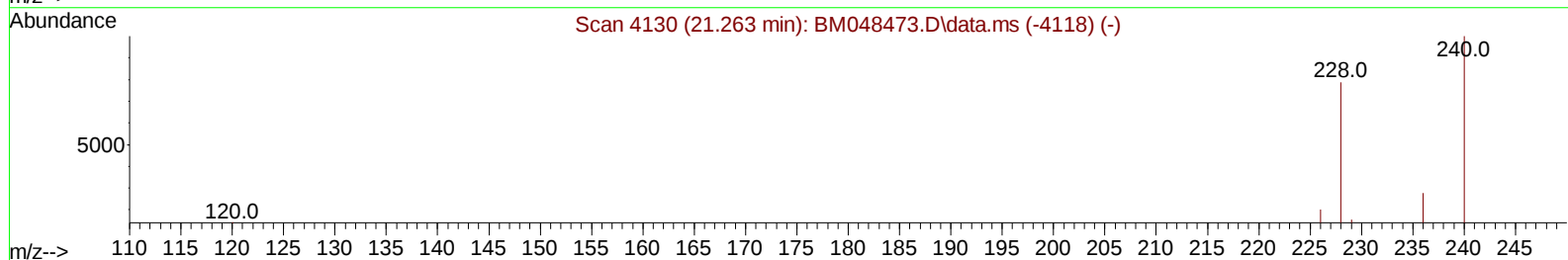
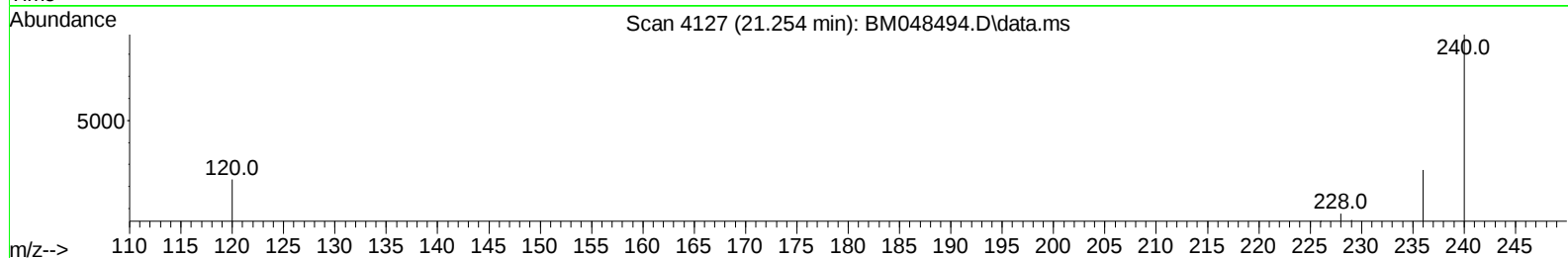
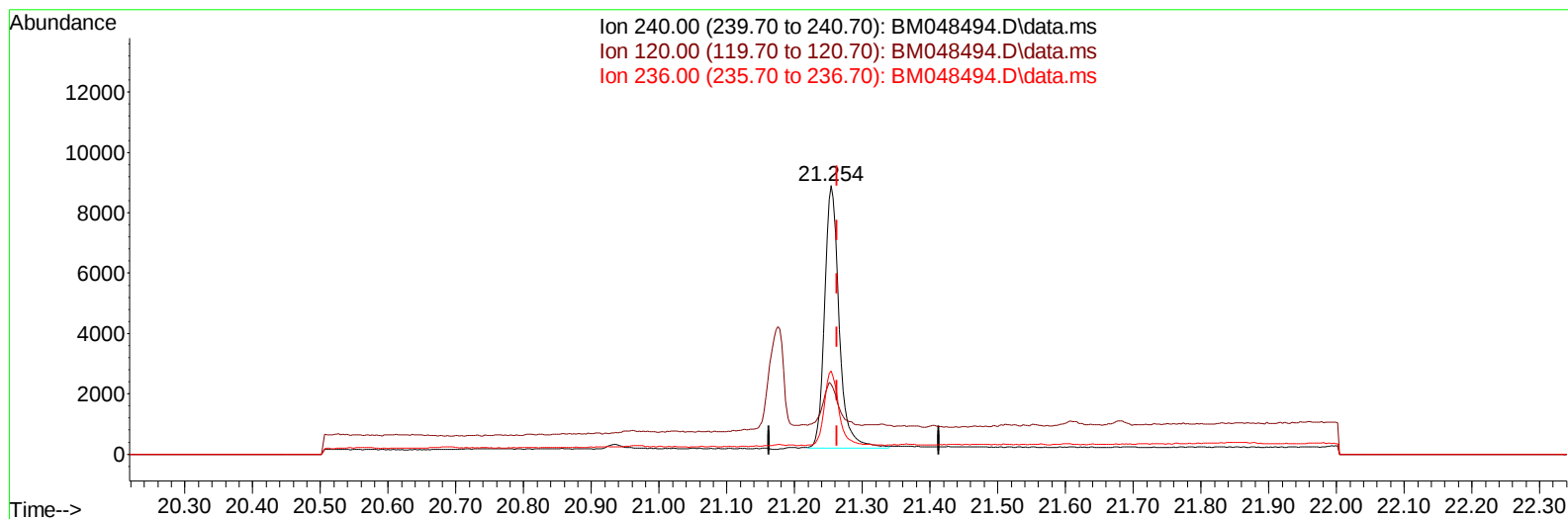
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
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QLast Update : Wed Nov 06 14:39:10 2024
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TIC: BM048494.D\data.ms

(17) Chrysene-d12

21.254min (-0.009) 0.40 ng/ul m

response 13011

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	26.07#
236.00	29.90	31.10
0.00	0.00	0.00

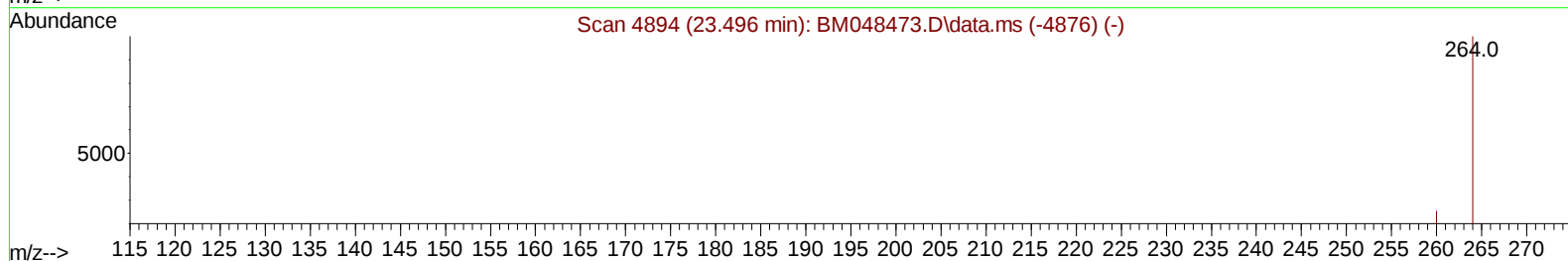
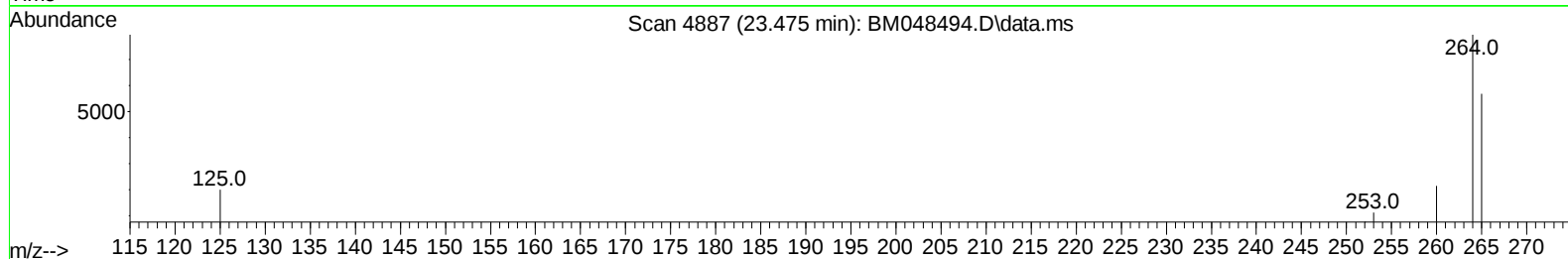
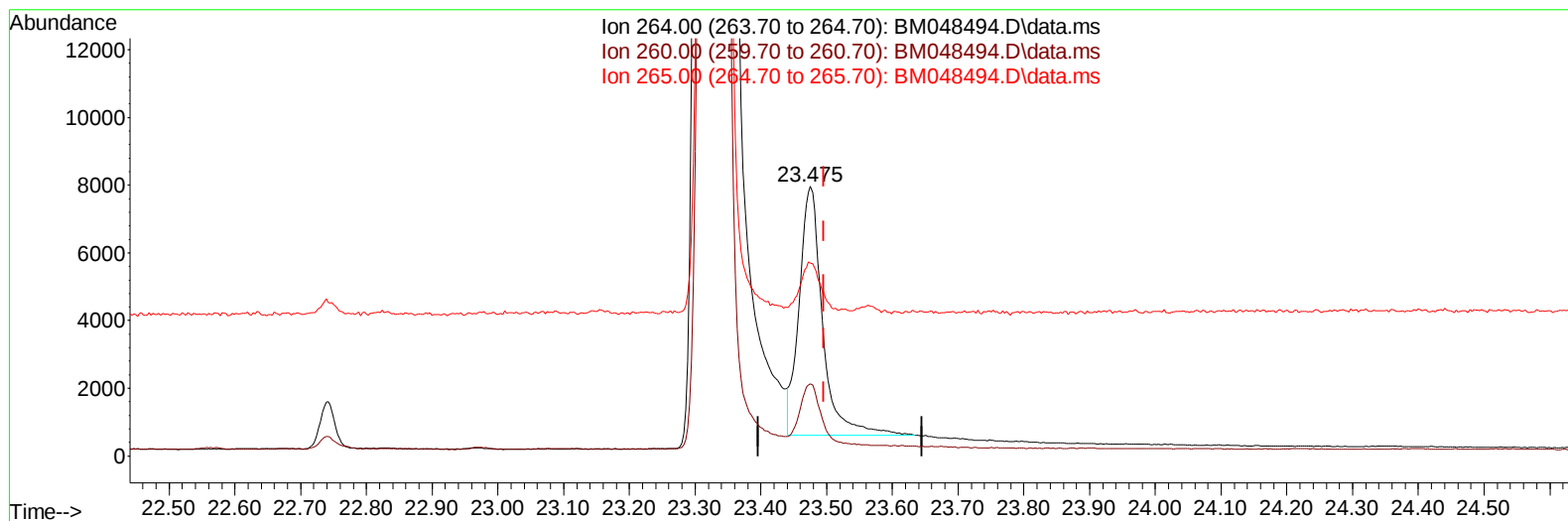
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
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TIC: BM048494.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/u1

response 18044

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.79
265.00	119.80	71.51#
0.00	0.00	0.00

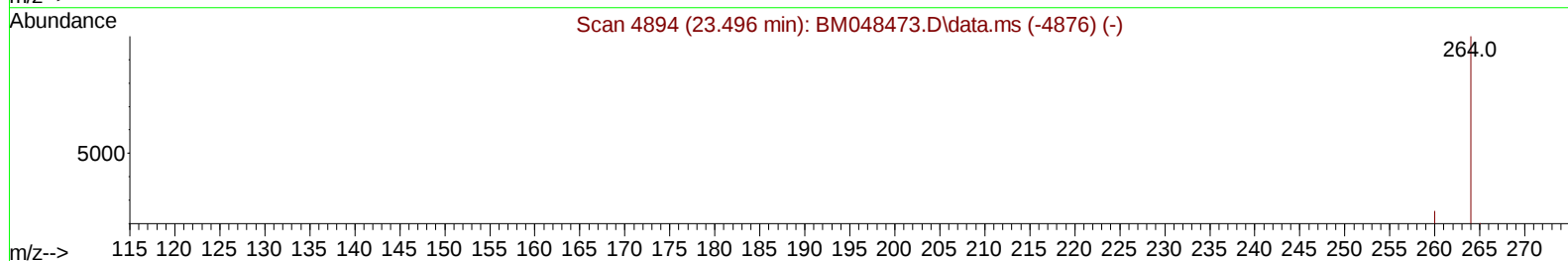
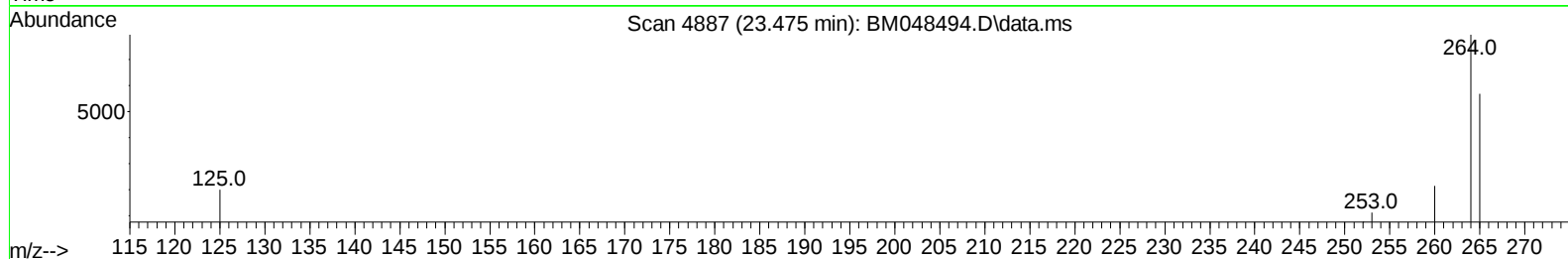
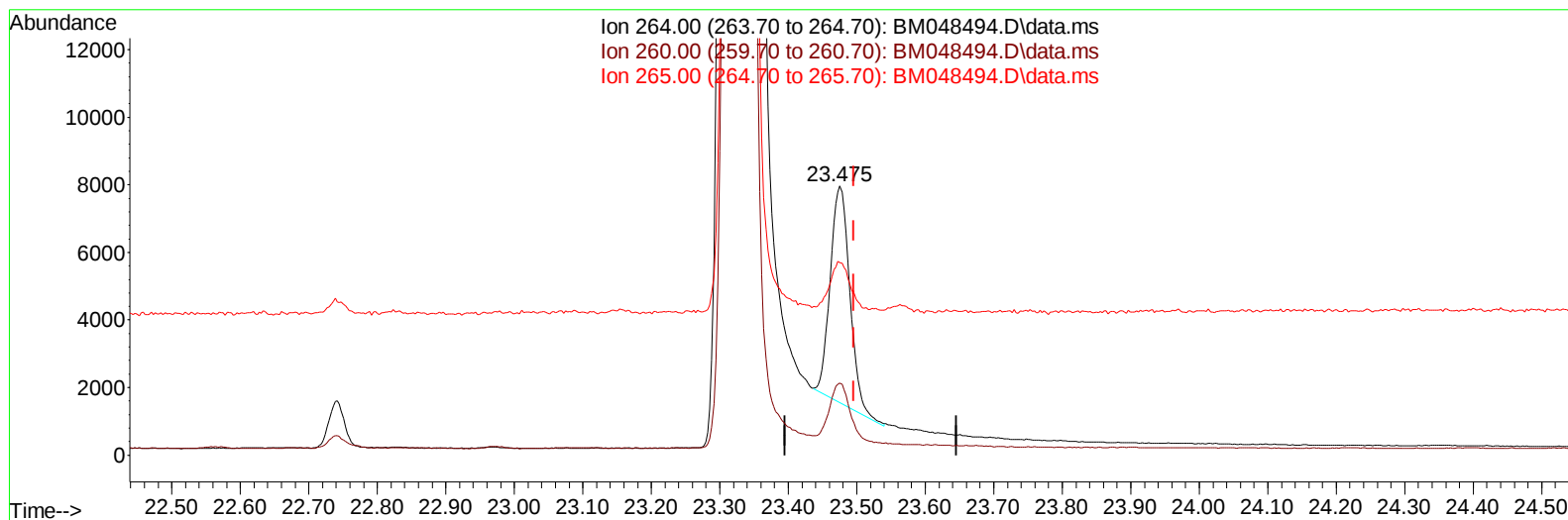
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 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
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TIC: BM048494.D\data.ms

(23) Perylene-d12 (I)

23.475min (-0.021) 0.40 ng/ul m

response 12648

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.30	26.79
265.00	119.80	71.51#
0.00	0.00	0.00

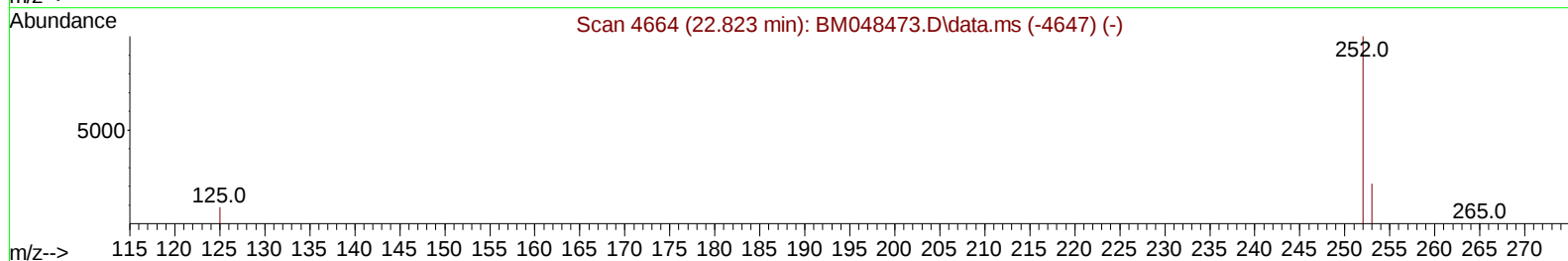
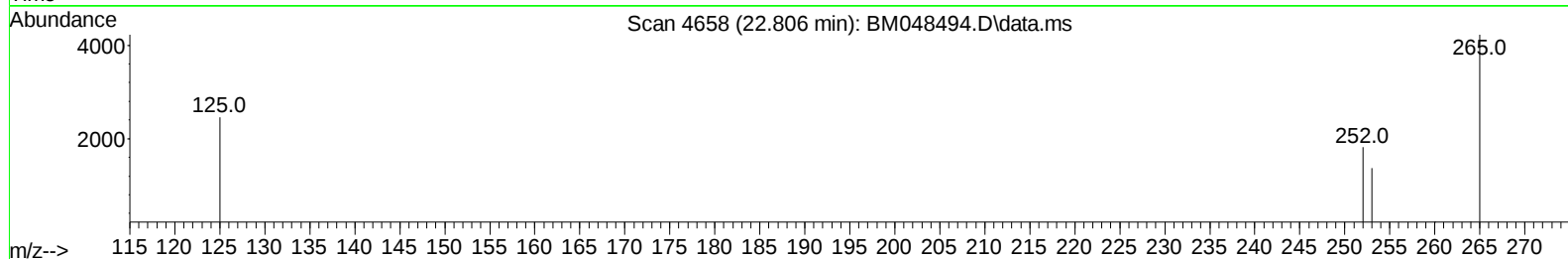
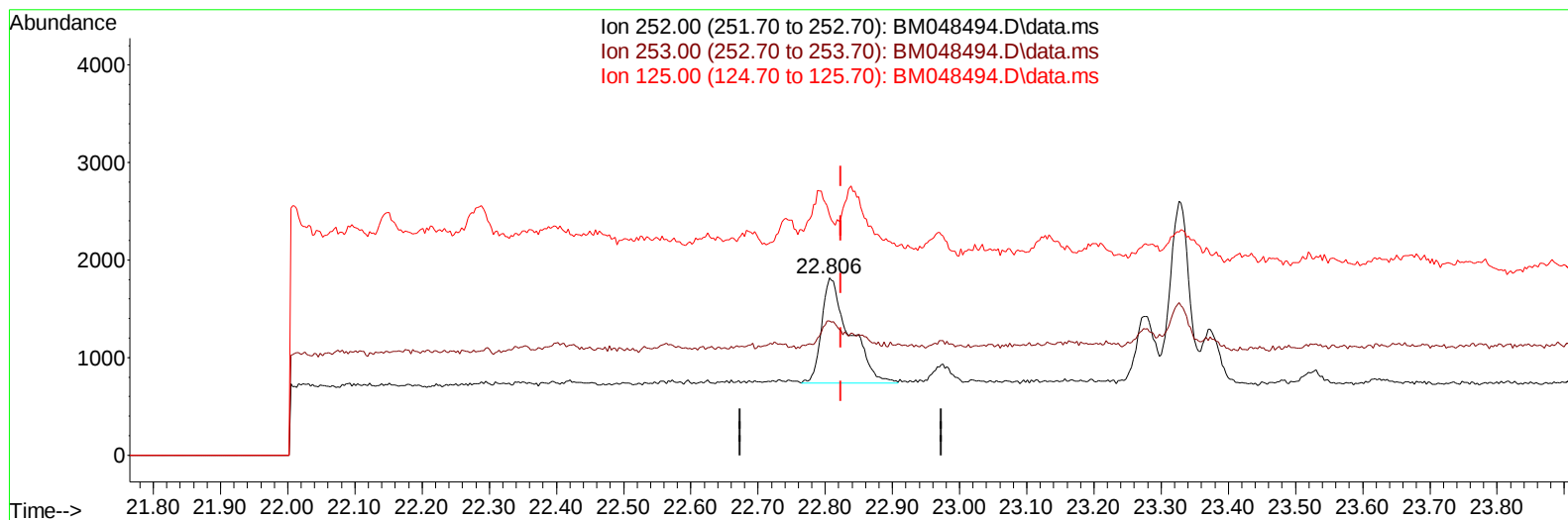
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

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TIC: BM048494.D\data.ms

(24) Benzo(b)fluoranthene

22.806min (-0.018) 0.08 ng/u1

response 3124

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	75.66#
125.00	21.60	135.57#
0.00	0.00	0.00

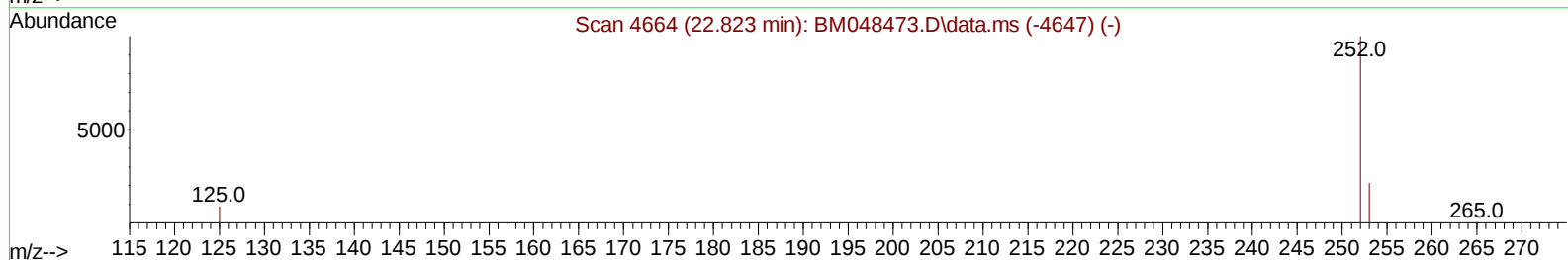
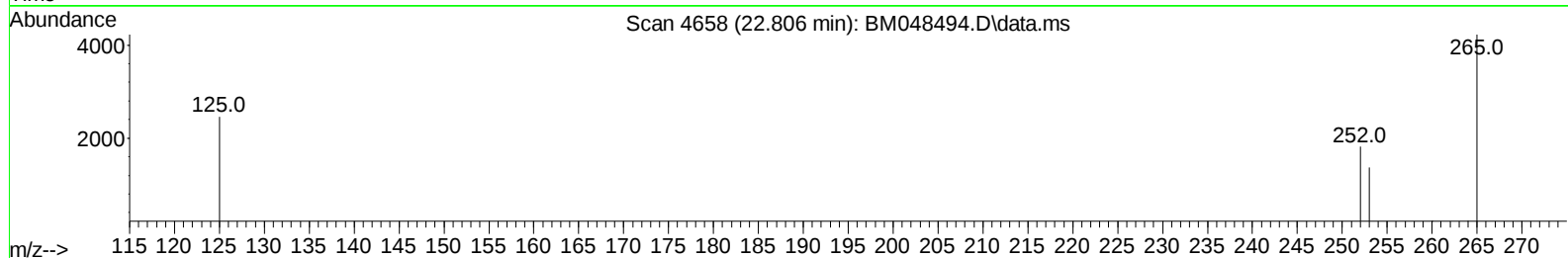
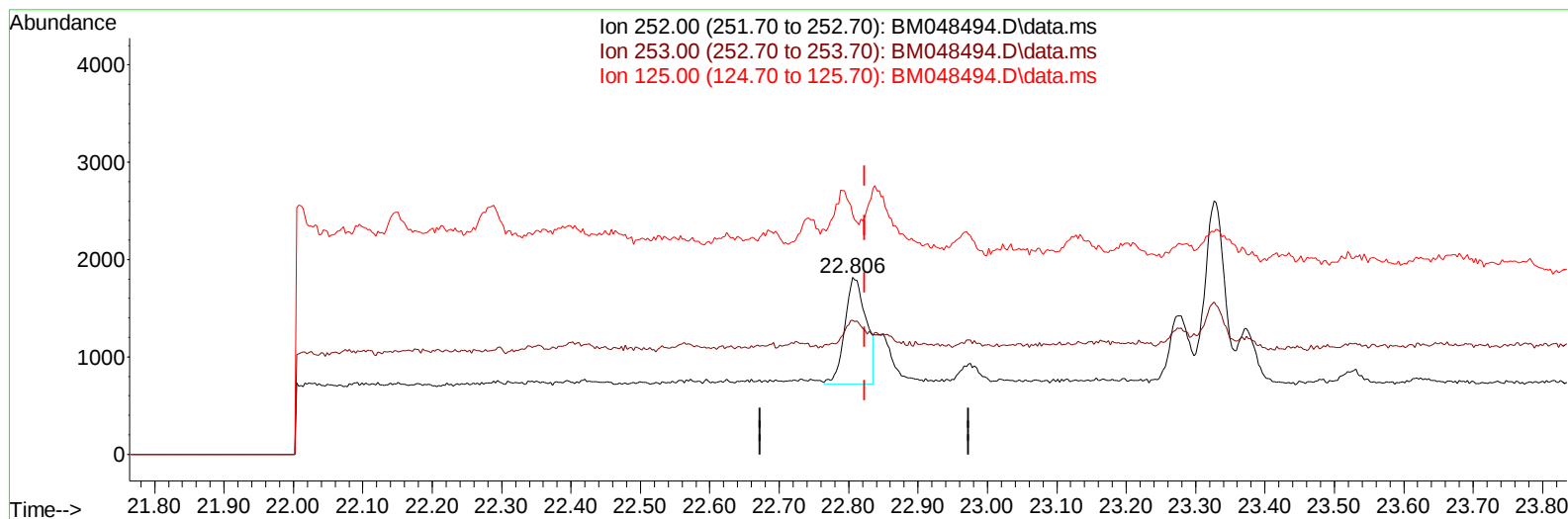
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 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: BM048494.D\data.ms

(24) Benzo(b)fluoranthene

22.806min (-0.018) 0.06 ng/u1 m

response 2351

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.80	75.66#
125.00	21.60	135.57#
0.00	0.00	0.00

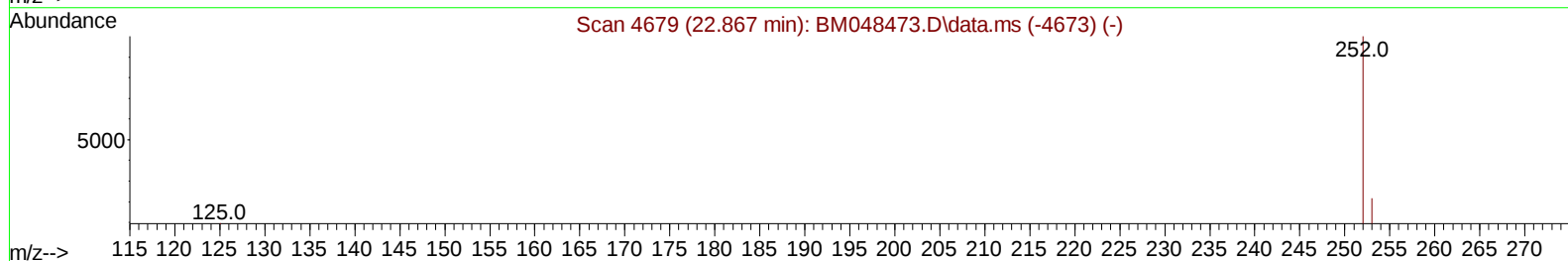
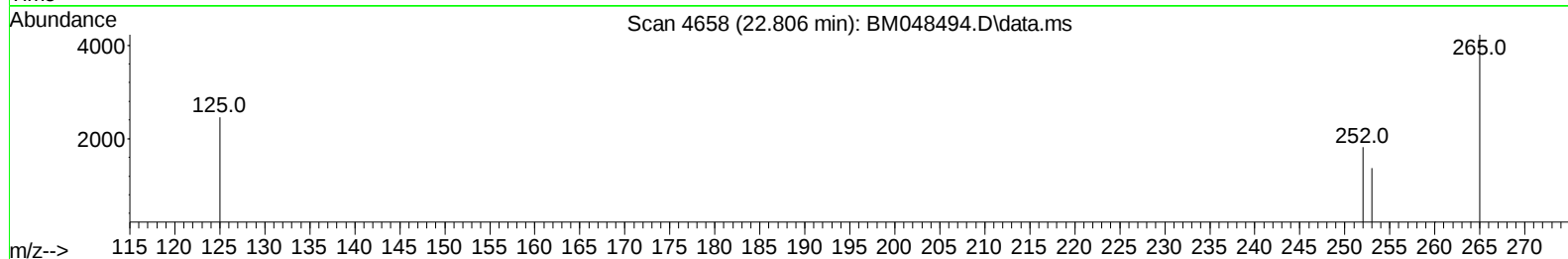
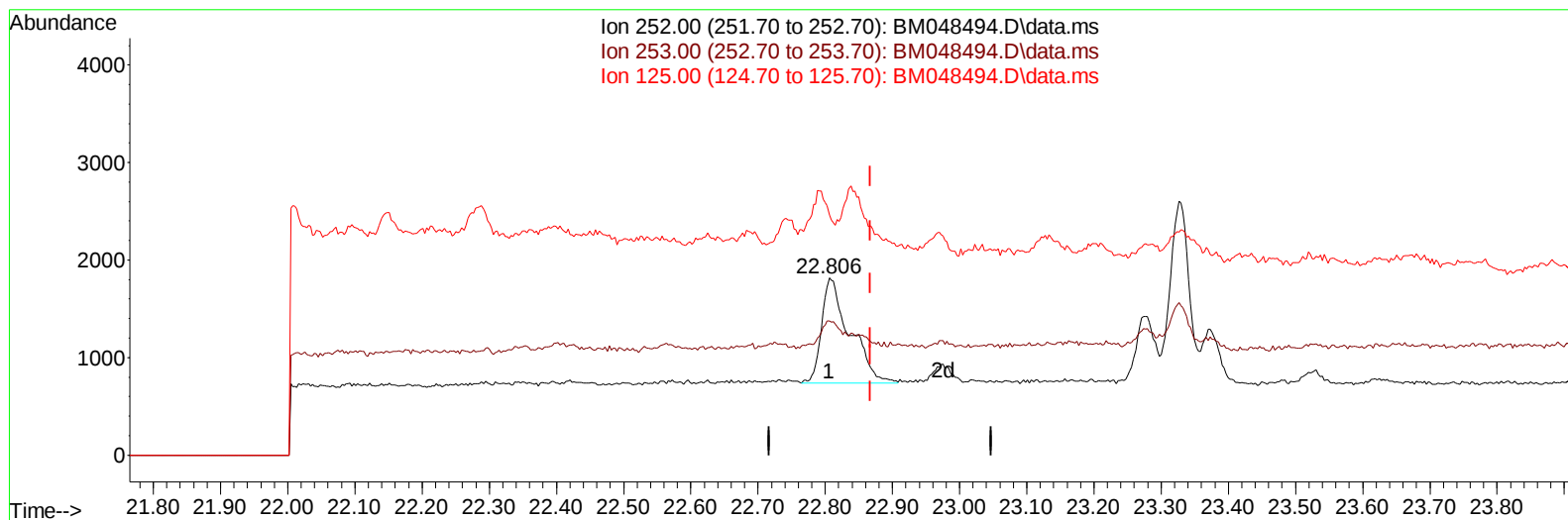
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048494.D
Acq On : 07 Nov 2024 02:00
Operator : RC/JU
Sample : P4634-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
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TIC: BM048494.D\data.ms

(25) Benzo(k)fluoranthene

22.806min (-0.061) 0.07 ng/u1

response 3124

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	75.66#
125.00	21.70	135.57#
0.00	0.00	0.00

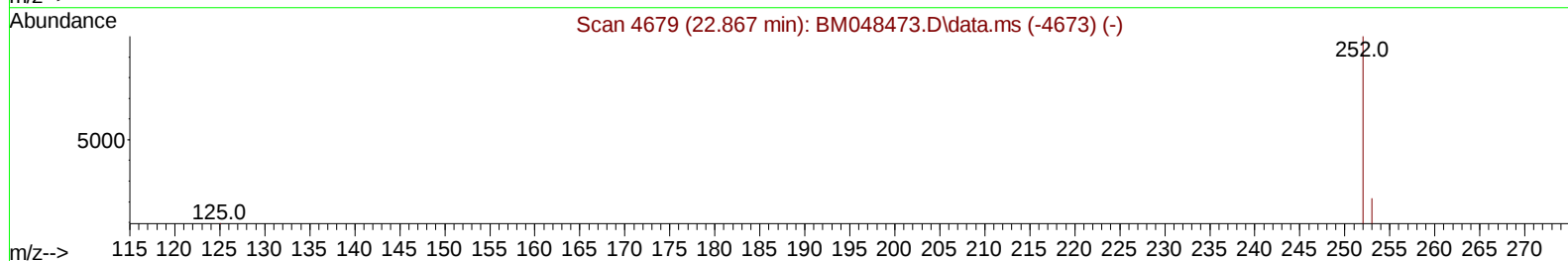
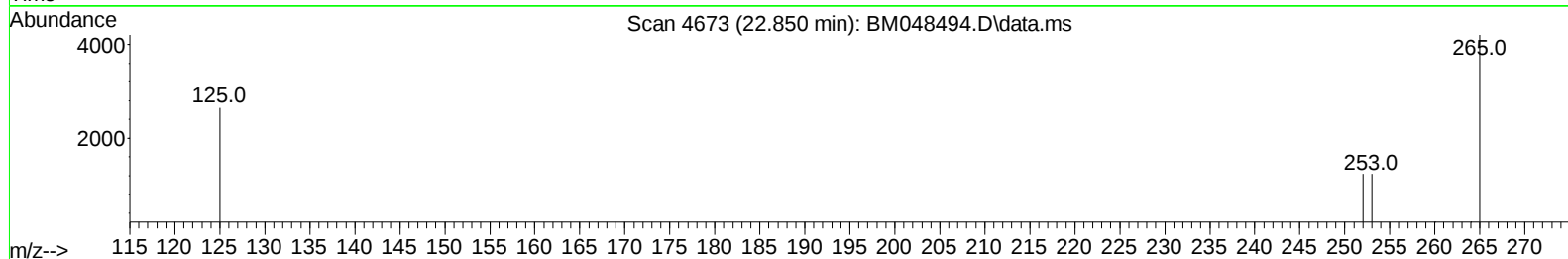
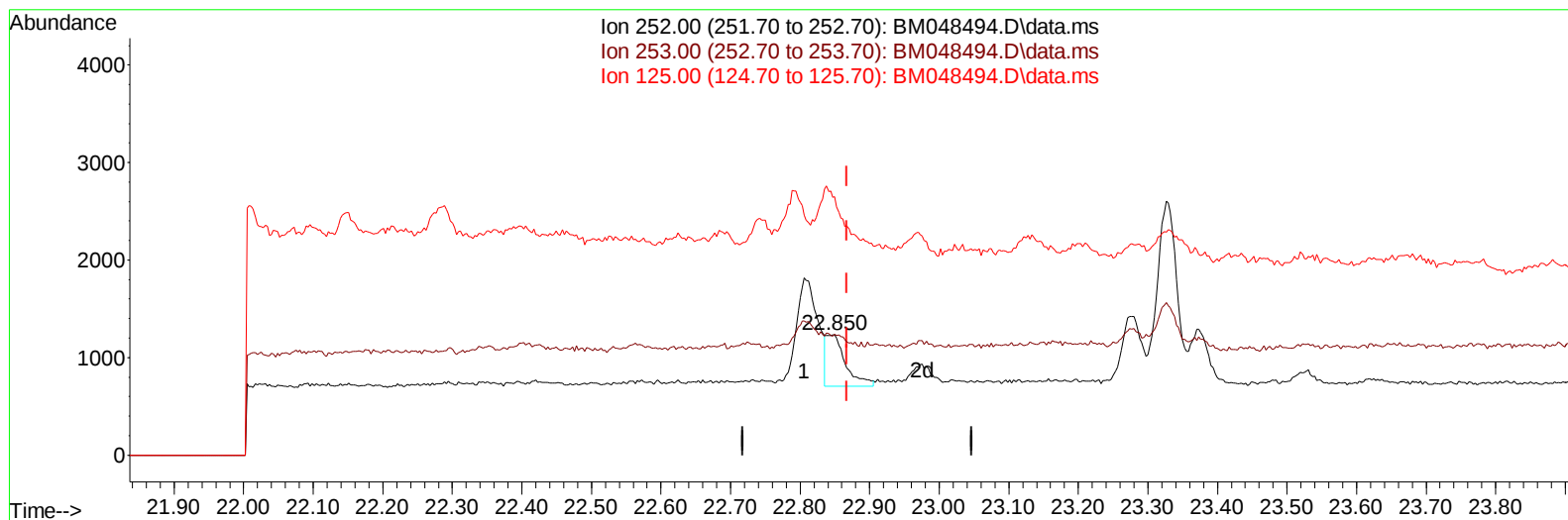
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048494.D
 Acq On : 07 Nov 2024 02:00
 Operator : RC/JU
 Sample : P4634-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R4

Manual IntegrationsAPPROVED

Quant Time: Nov 07 02:29:53 2024
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TIC: BM048494.D\data.ms

(25) Benzo(k)fluoranthene

22.850min (-0.018) 0.02 ng/ul m

response 1004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.20	100.08#
125.00	21.70	214.66#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048494.D
 Acq On : 07 Nov 2024 02:00
 Operator : RC/JU
 Sample : P4634-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0R4

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.674	152	4882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136	15506	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	8180	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	16364m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.254	240	13011m	0.400	ng/ul	0.00
23) Perylene-d12	23.475	264	12648m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	29934	5.082	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	6662	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.094	212	13074	0.358	ng/ul	-0.01
Target Compounds						
					Qvalue	
19) Fluoranthene	19.126	202	2378	0.049	ng/ul#	58
20) Pyrene	19.484	202	2546	0.049	ng/ul#	76
21) Benzo(a)anthracene	21.240	228	1848	0.043	ng/ul#	58
22) Chrysene	21.289	228	1414	0.028	ng/ul#	66
24) Benzo(b)fluoranthene	22.806	252	2351m	0.060	ng/ul	
25) Benzo(k)fluoranthene	22.850	252	1004m	0.022	ng/ul	
26) Benzo(a)pyrene	23.373	252	1022	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	26.416	276	1346	0.030	ng/ul#	6

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
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