

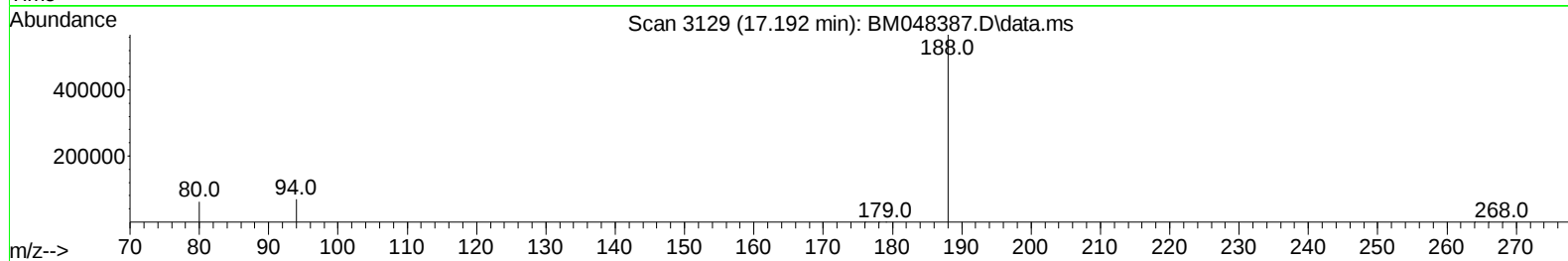
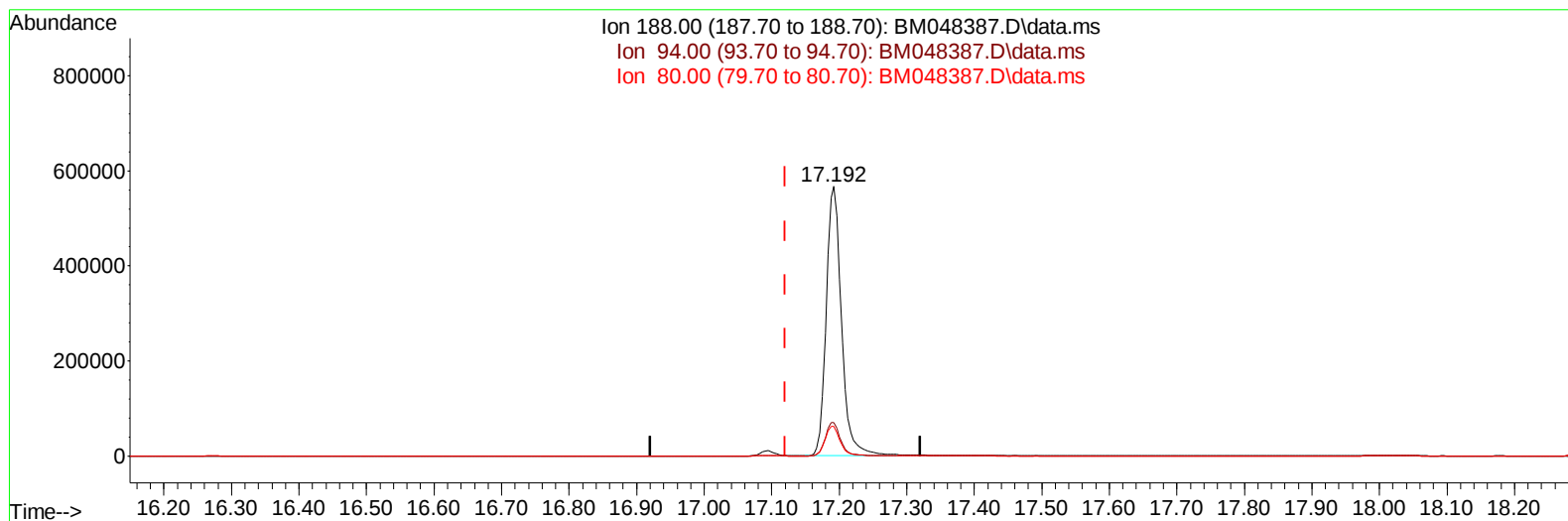
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048387.D\data.ms

(13) Phenanthrene-d10 (I)

17.192min (+ 0.072) 0.40 ng/u1

response 894025

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.34
80.00	12.10	10.90
0.00	0.00	0.00

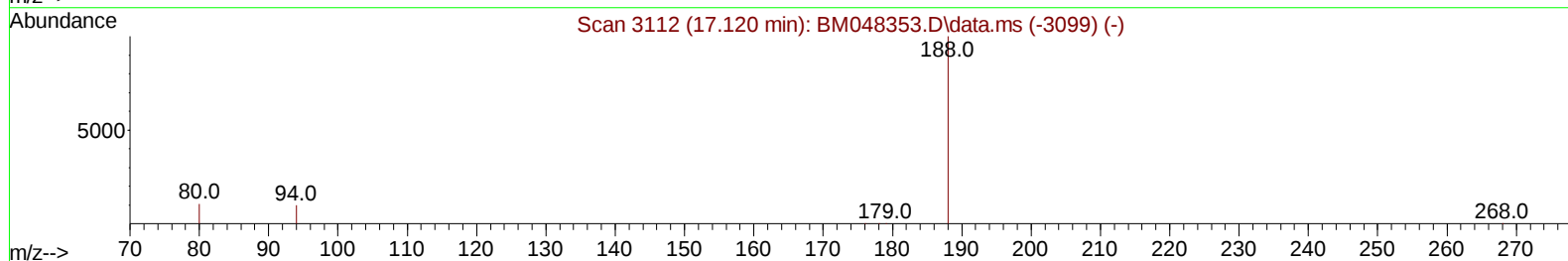
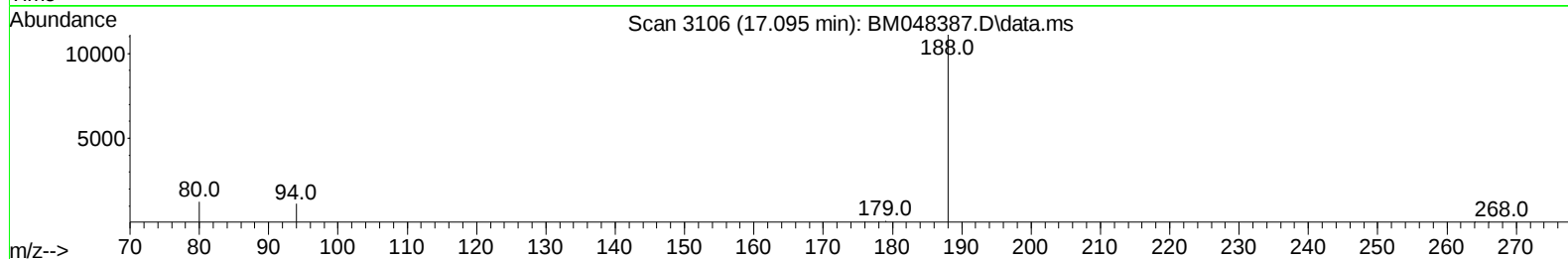
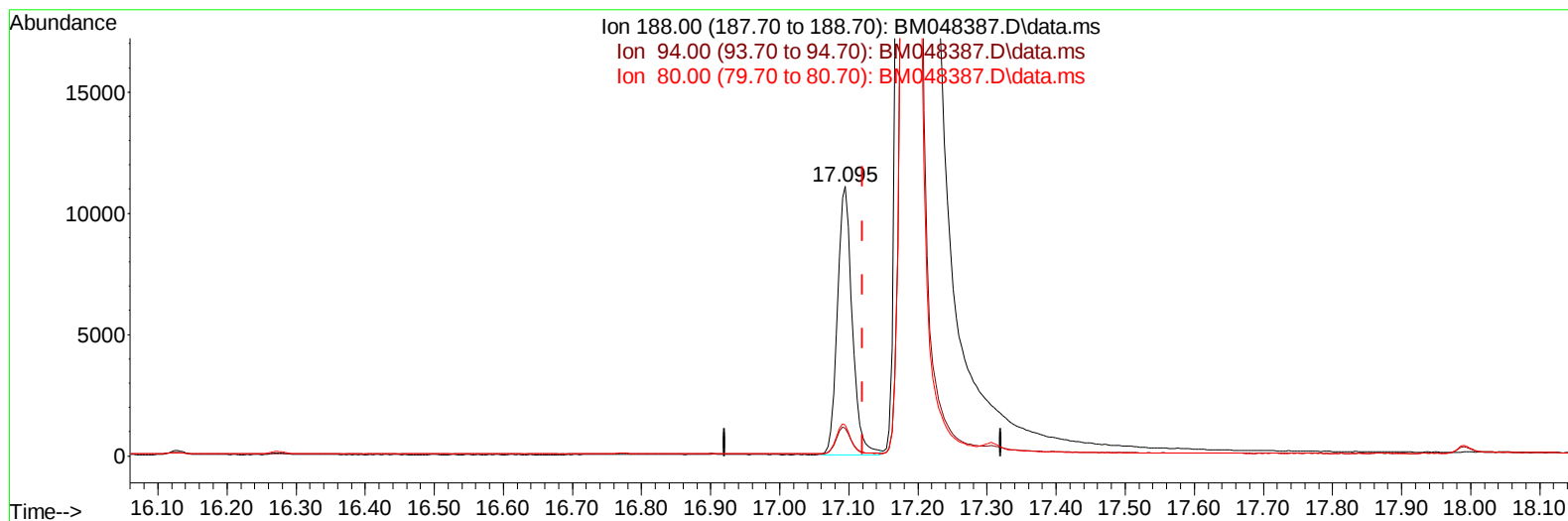
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048387.D\data.ms

(13) Phenanthrene-d10 (I)

17.095min (-0.025) 0.40 ng/ul m

response 16332

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	10.16
80.00	12.10	11.39
0.00	0.00	0.00

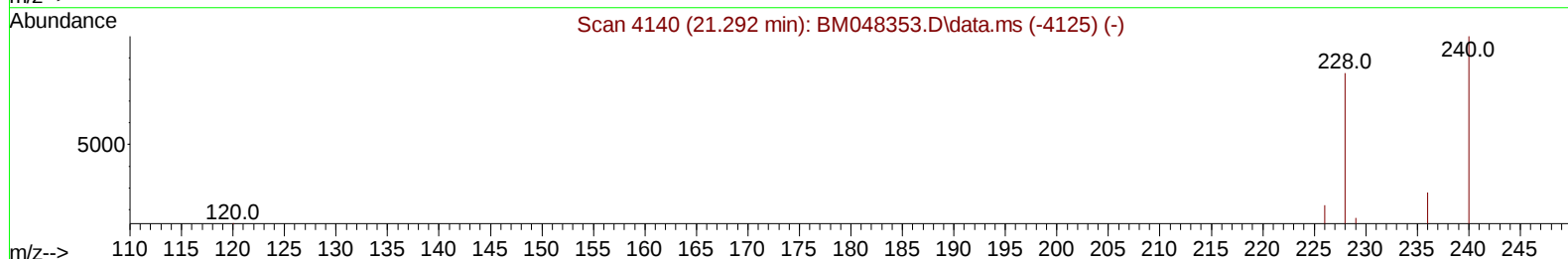
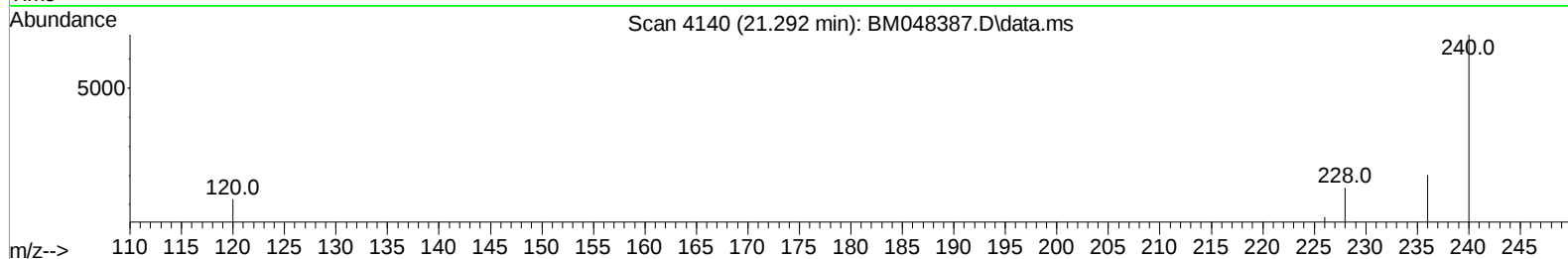
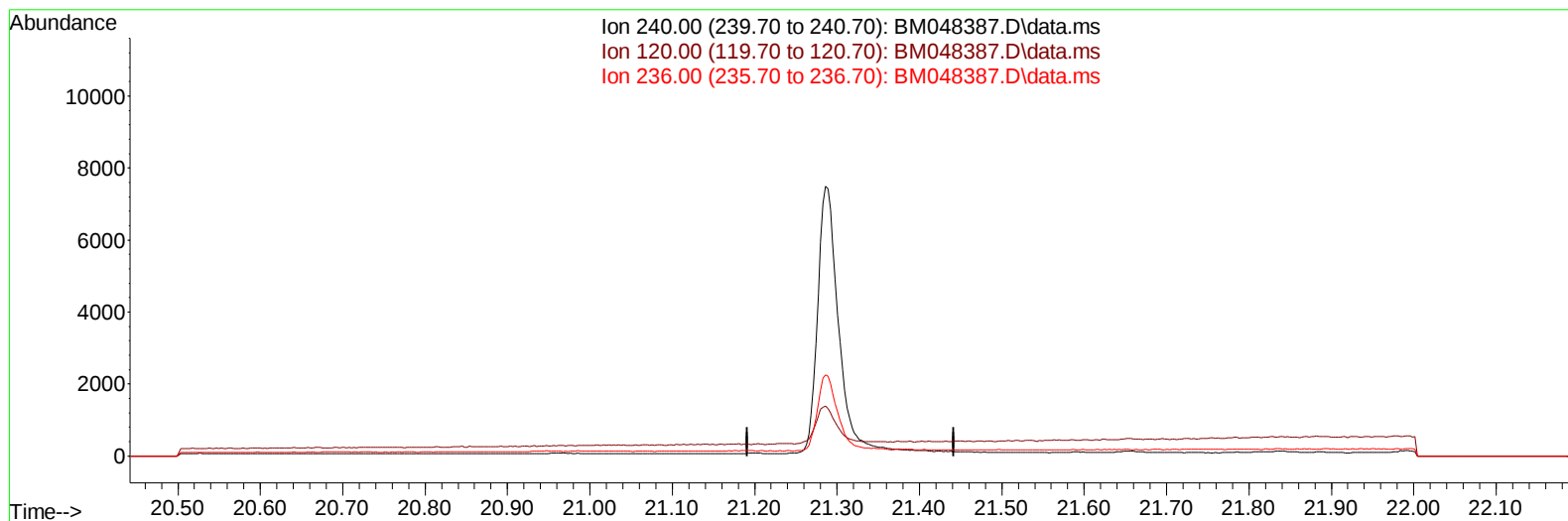
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

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TIC: BM048387.D\data.ms

(17) Chrysene-d12

21.292min (-21.292) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	19.00	0.00#
236.00	29.90	0.00#
0.00	0.00	0.00

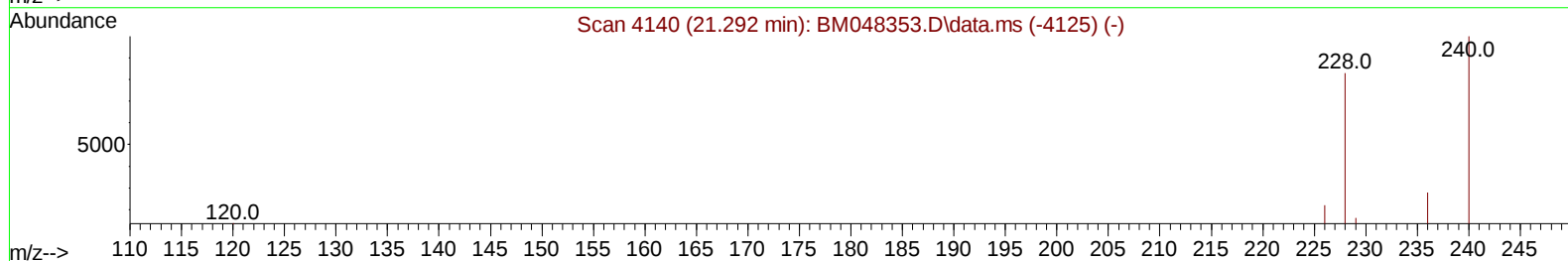
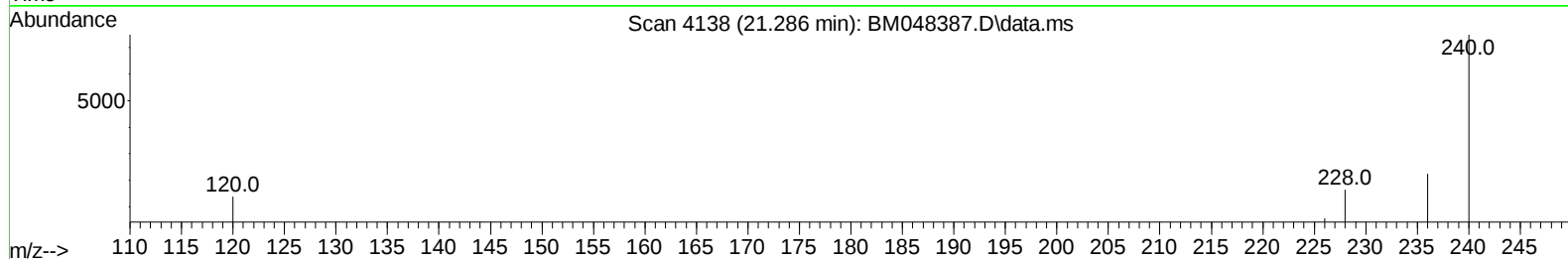
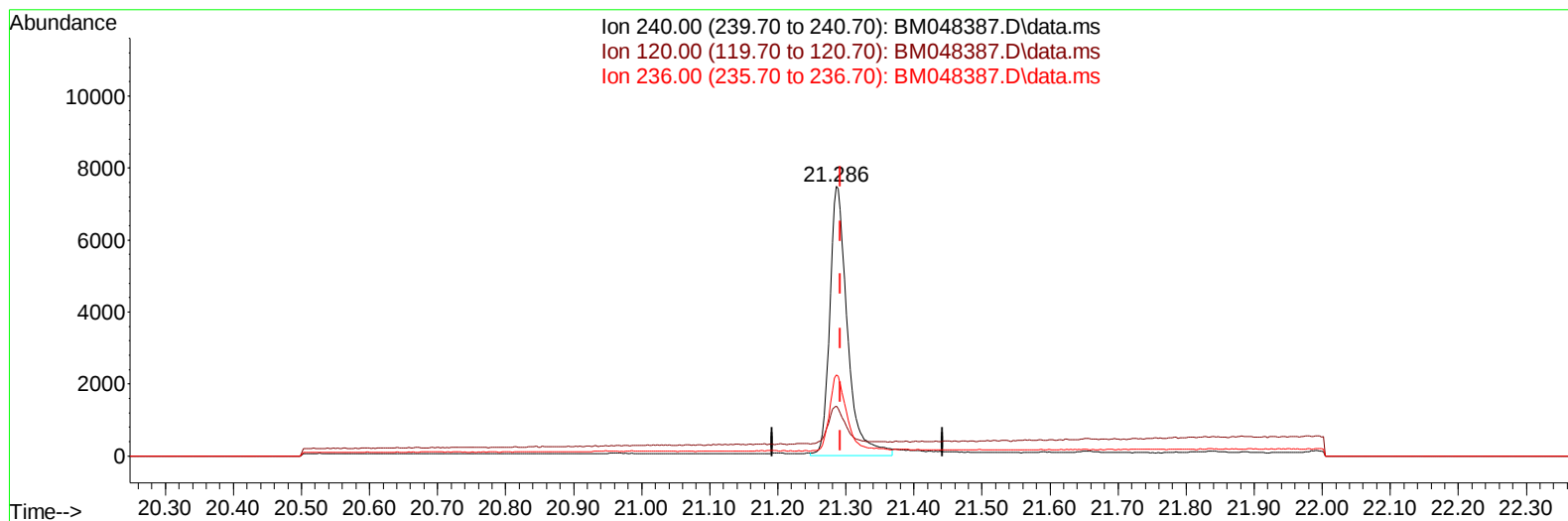
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
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TIC: BM048387.D\data.ms

(17) Chrysene-d12

21.286min (-0.006) 0.40 ng/u1 m

response 13507

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	18.42
236.00	29.90	30.08
0.00	0.00	0.00

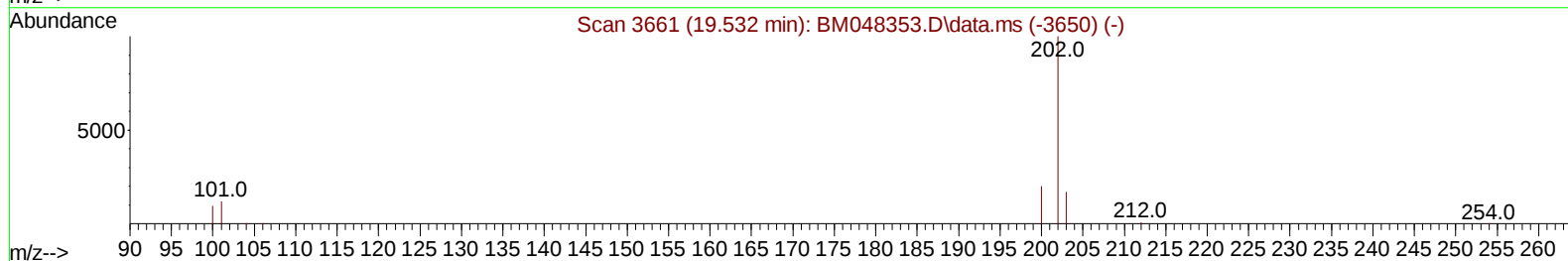
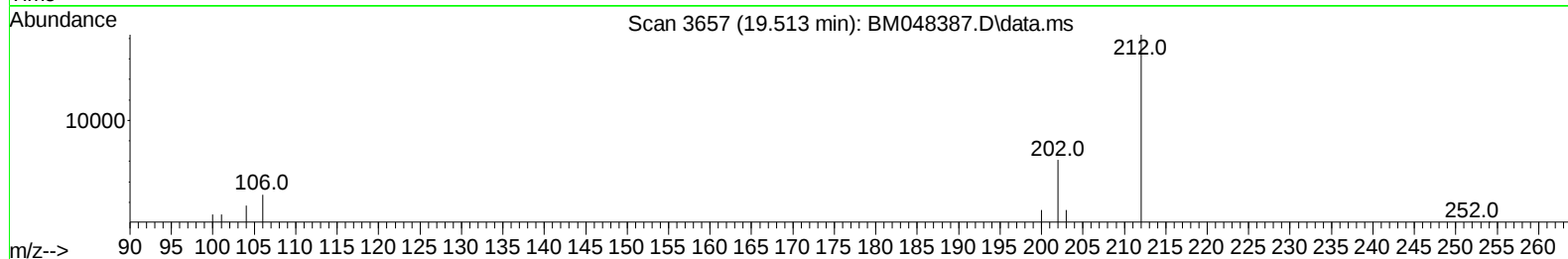
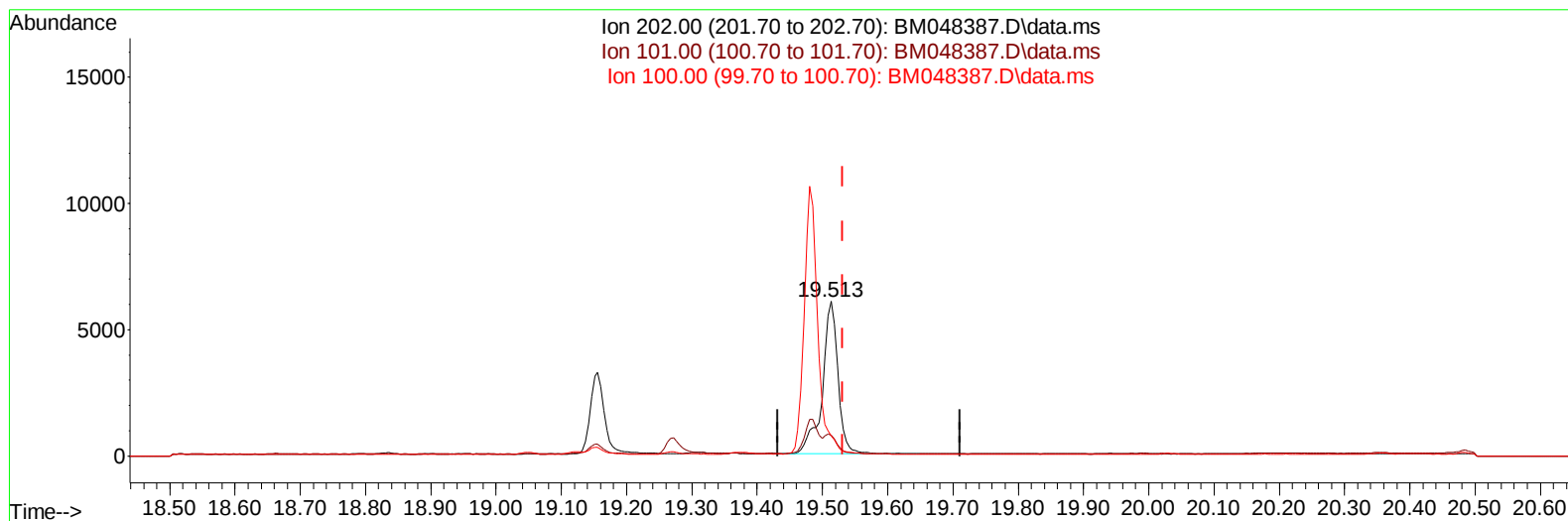
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
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TIC: BM048387.D\data.ms

(20) Pyrene

19.513min (-0.019) 0.20 ng/u1

response 10111

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	13.52
100.00	10.00	13.16#
0.00	0.00	0.00

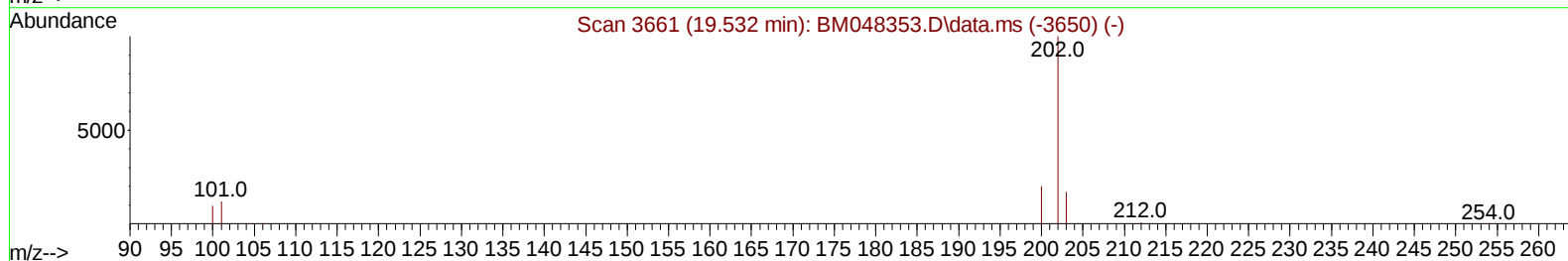
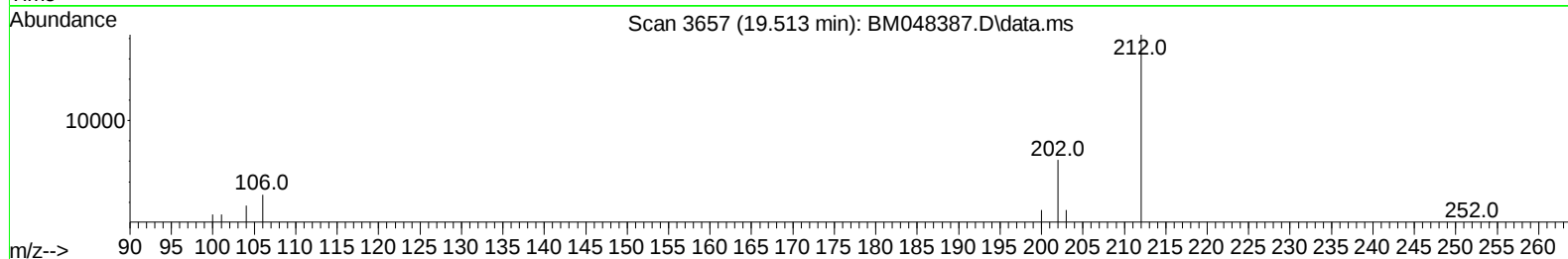
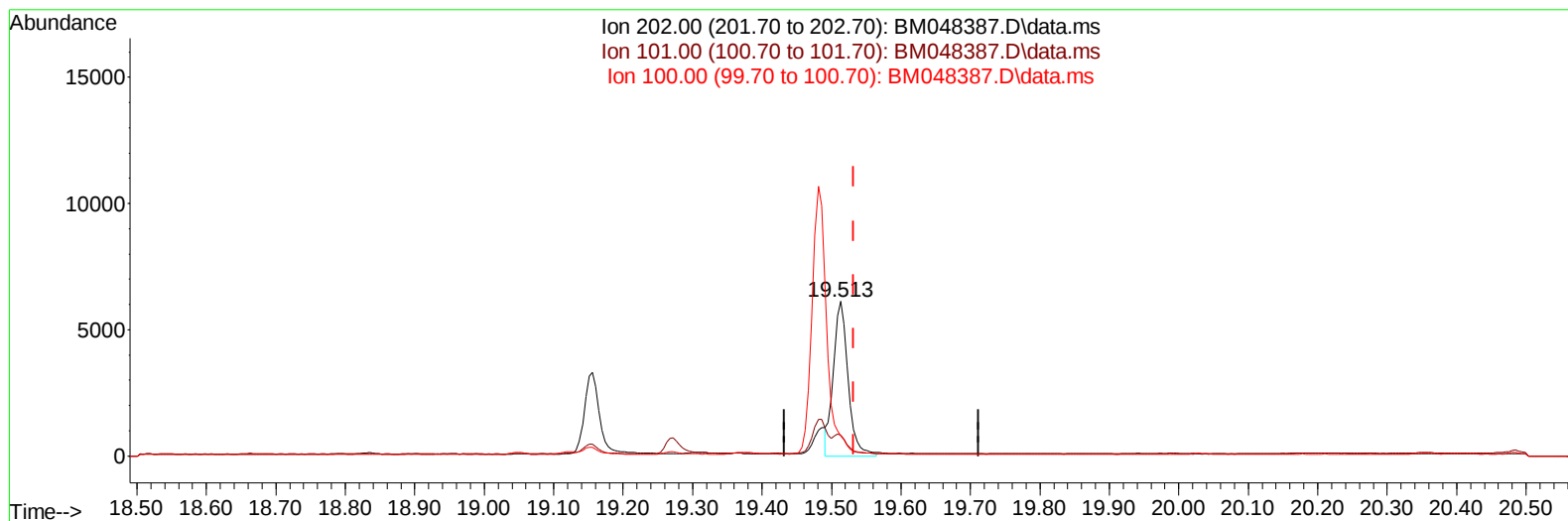
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
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TIC: BM048387.D\data.ms

(20) Pyrene

19.513min (-0.019) 0.18 ng/u1 m

response 9181

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.50	13.52
100.00	10.00	13.16#
0.00	0.00	0.00

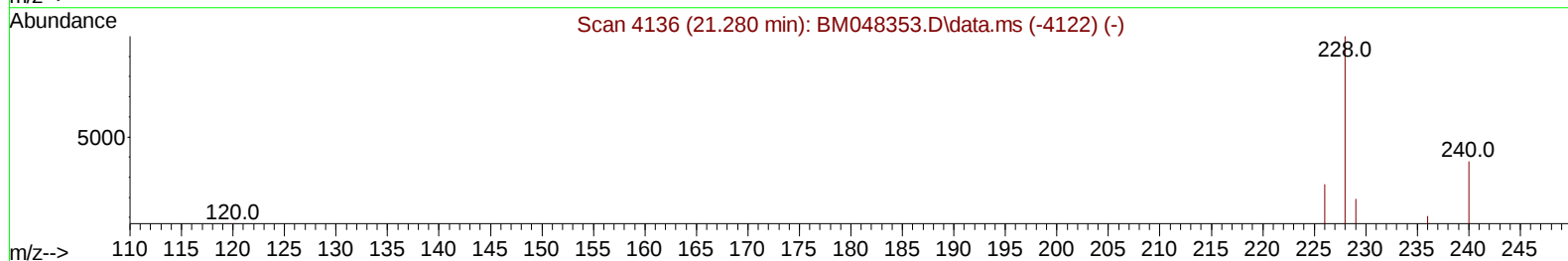
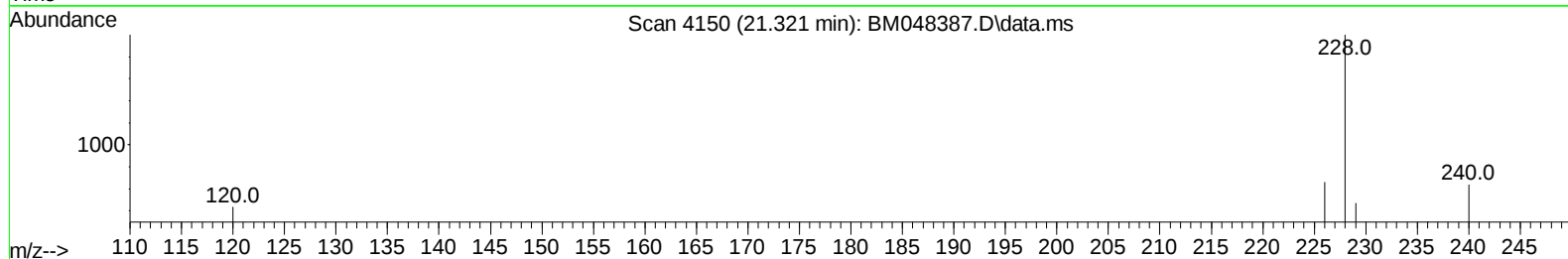
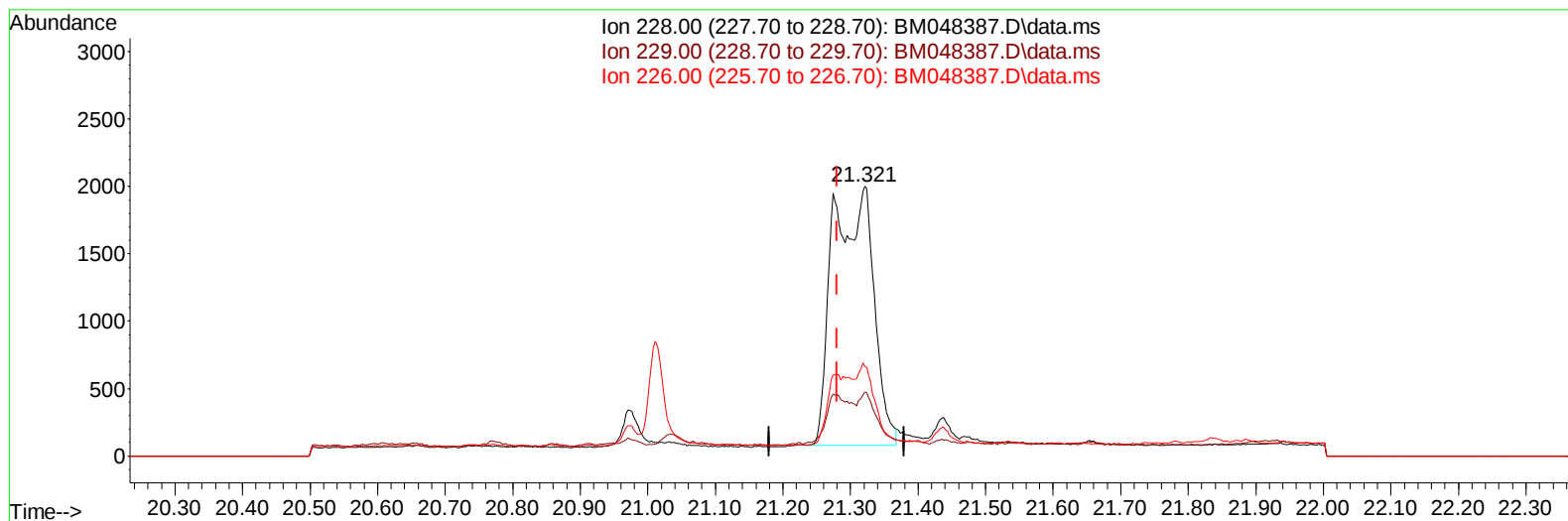
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

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TIC: BM048387.D\data.ms

(21) Benzo(a)anthracene

21.321min (+ 0.041) 0.20 ng/u1

response 7998

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	23.60
226.00	27.60	33.15#
0.00	0.00	0.00

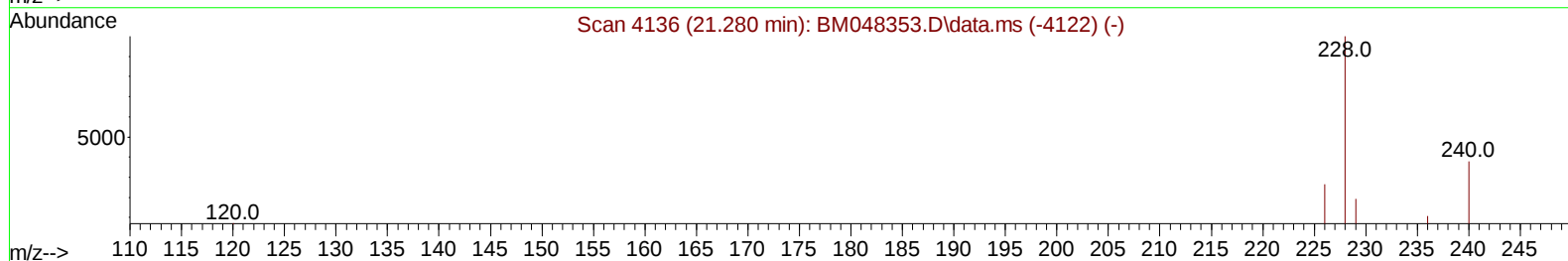
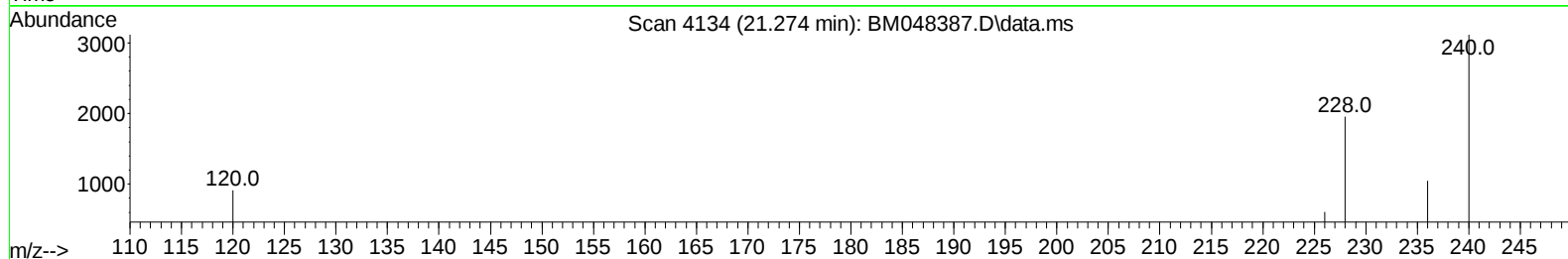
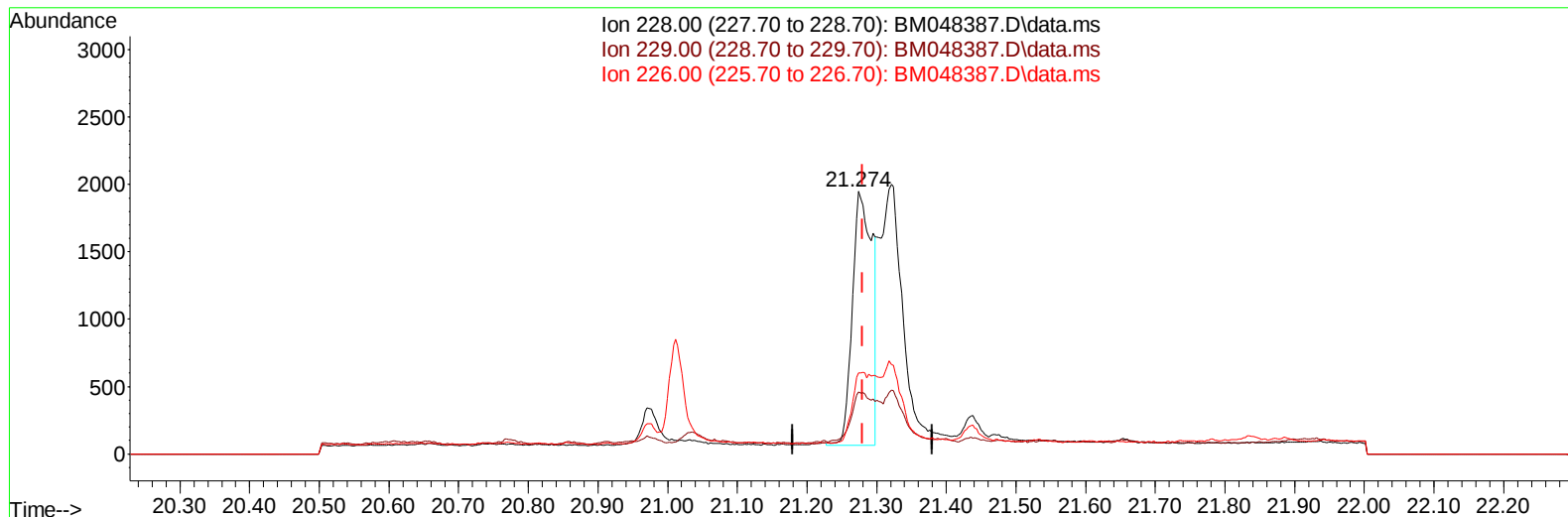
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048387.D\data.ms

(21) Benzo(a)anthracene

21.274min (-0.006) 0.09 ng/u1 m

response 3715

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	23.67
226.00	27.60	30.84
0.00	0.00	0.00

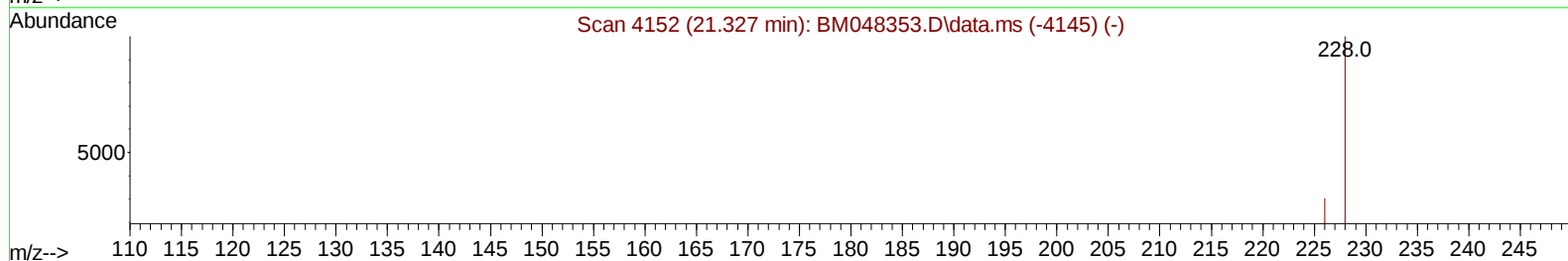
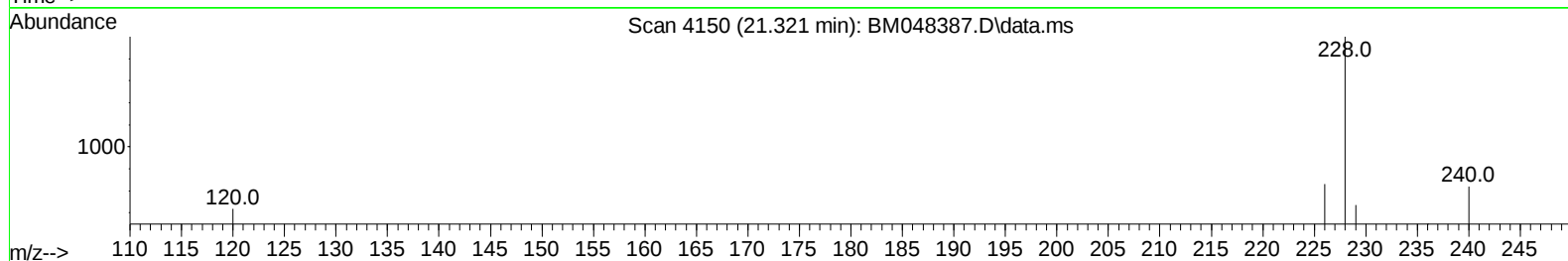
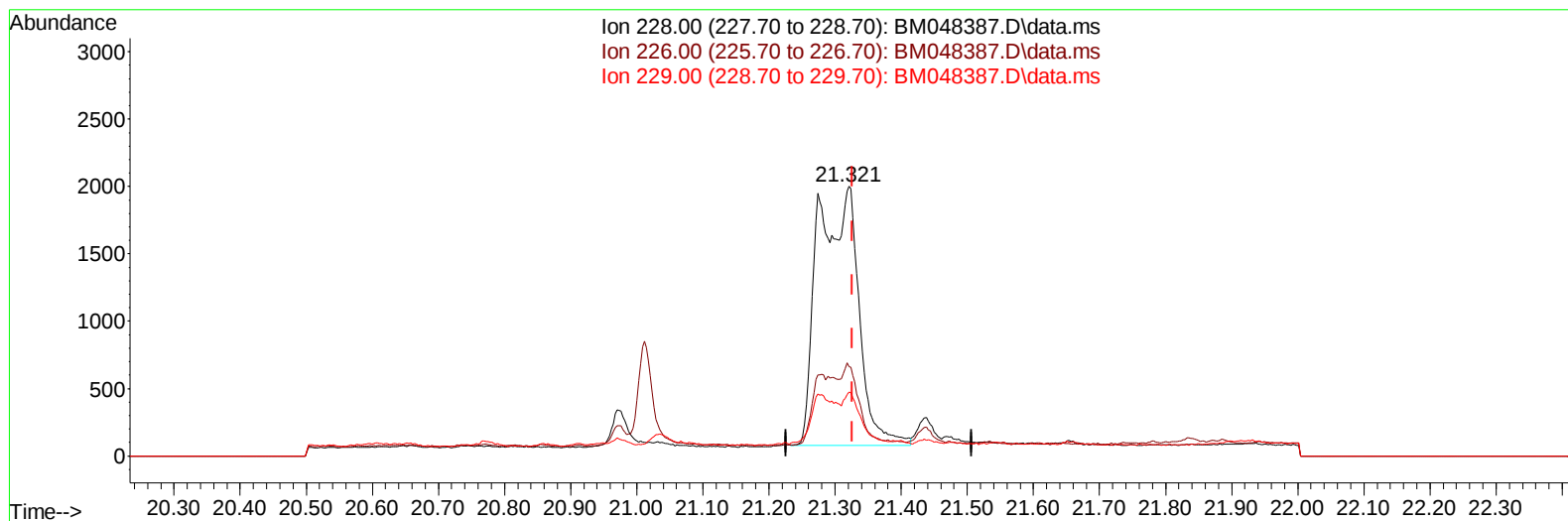
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
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TIC: BM048387.D\data.ms

(22) Chrysene

21.321min (-0.006) 0.15 ng/u1

response 8199

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	33.15
229.00	19.90	23.60
0.00	0.00	0.00

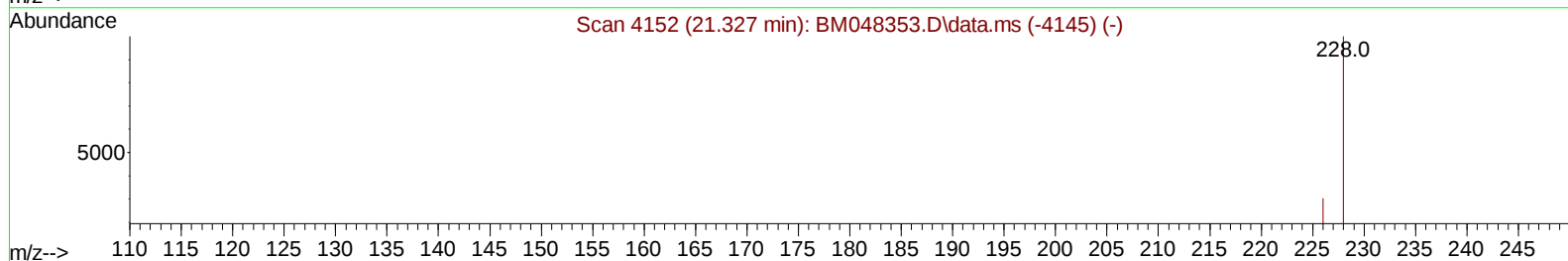
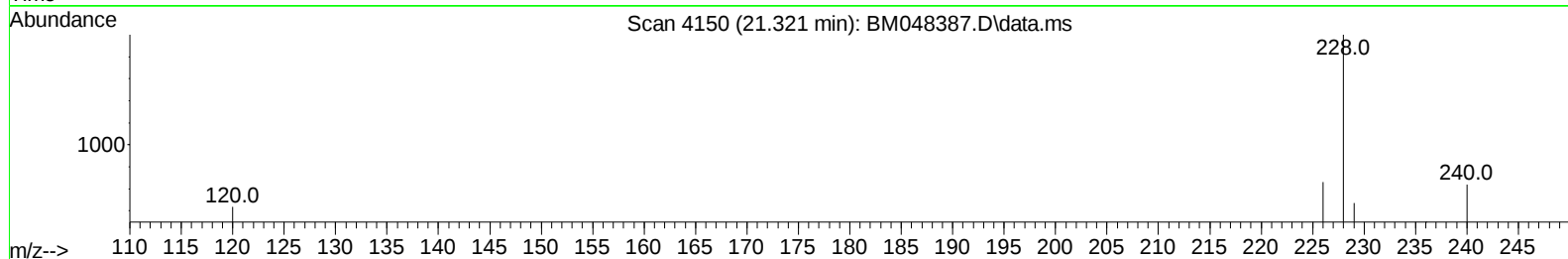
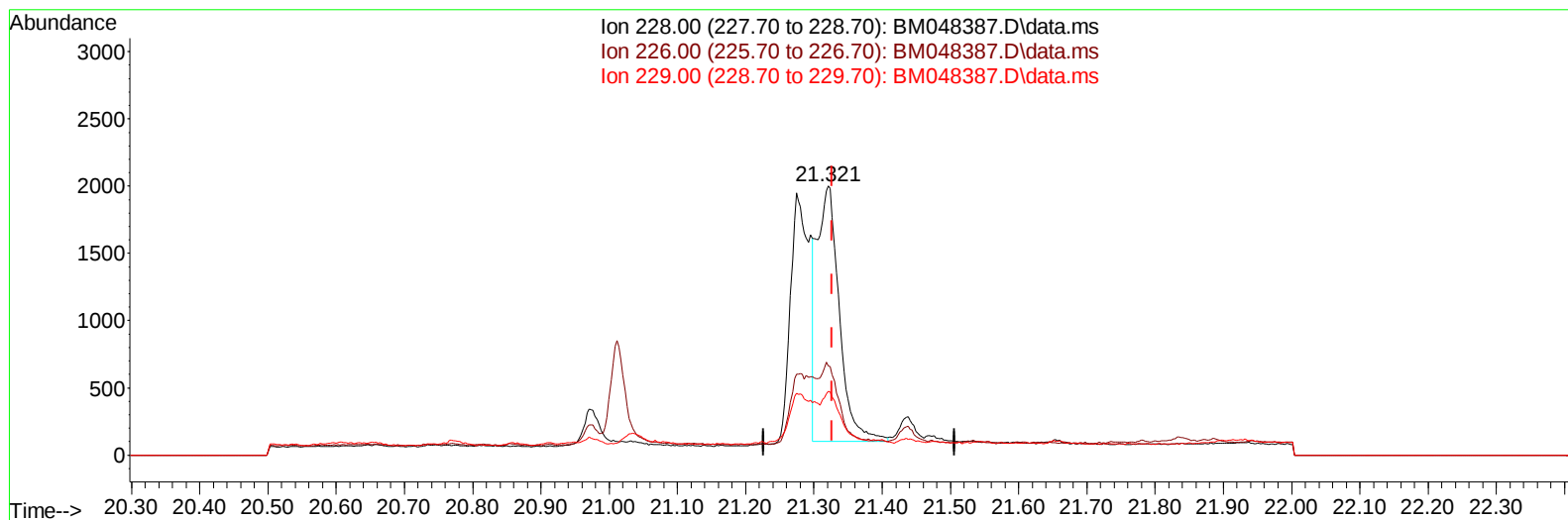
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM048387.D\data.ms

(22) Chrysene

21.321min (-0.006) 0.08 ng/ul m

response 4365

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	33.15
229.00	19.90	23.60
0.00	0.00	0.00

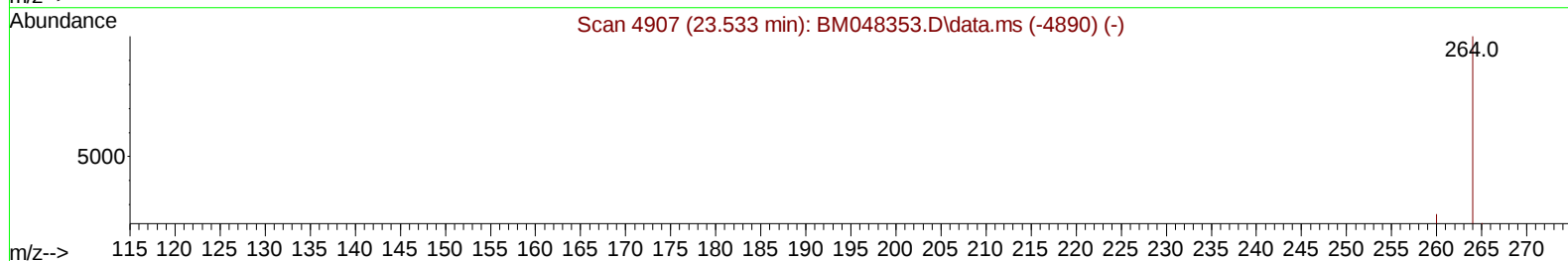
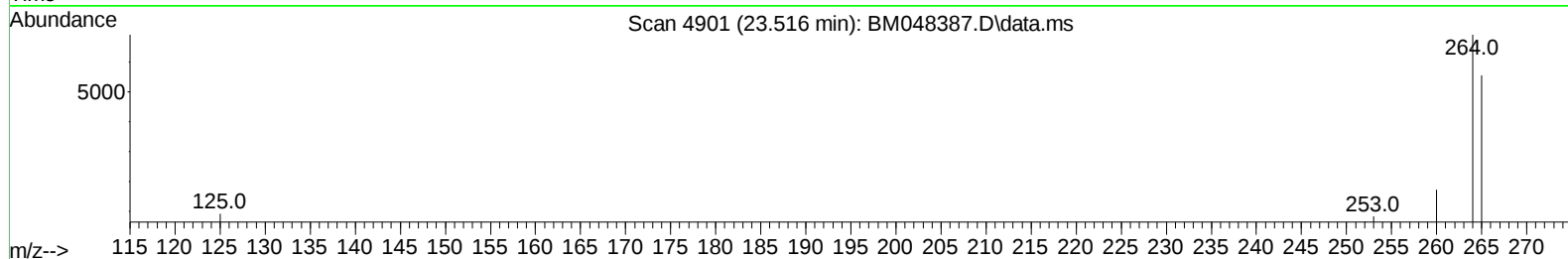
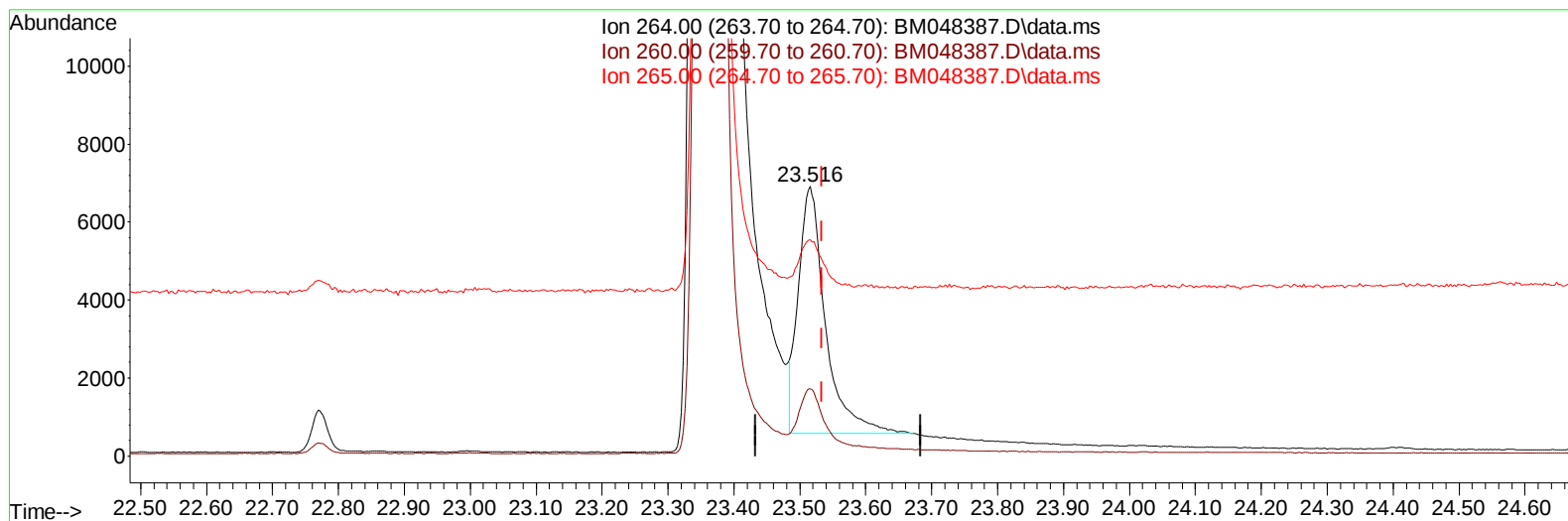
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
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Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM048387.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/u1

response 18140

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.91
265.00	120.80	80.22#
0.00	0.00	0.00

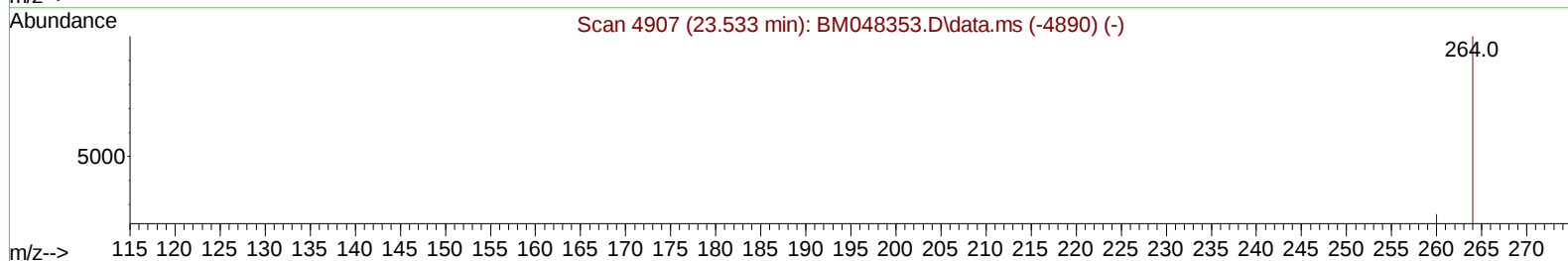
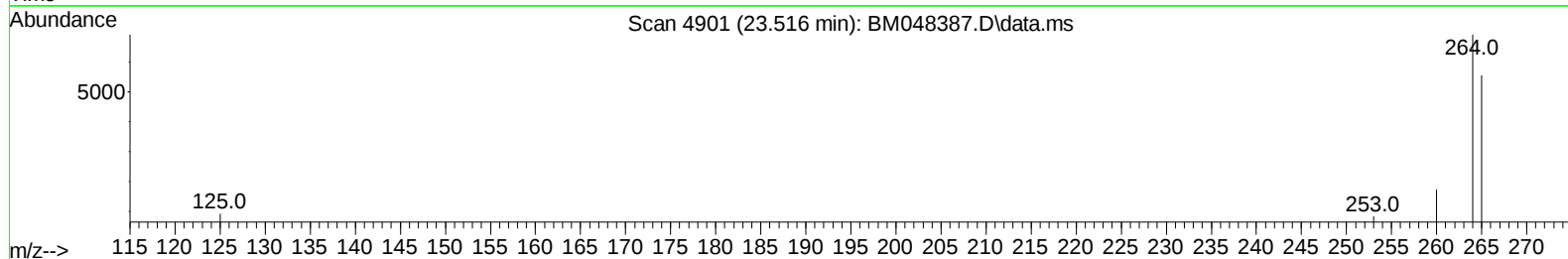
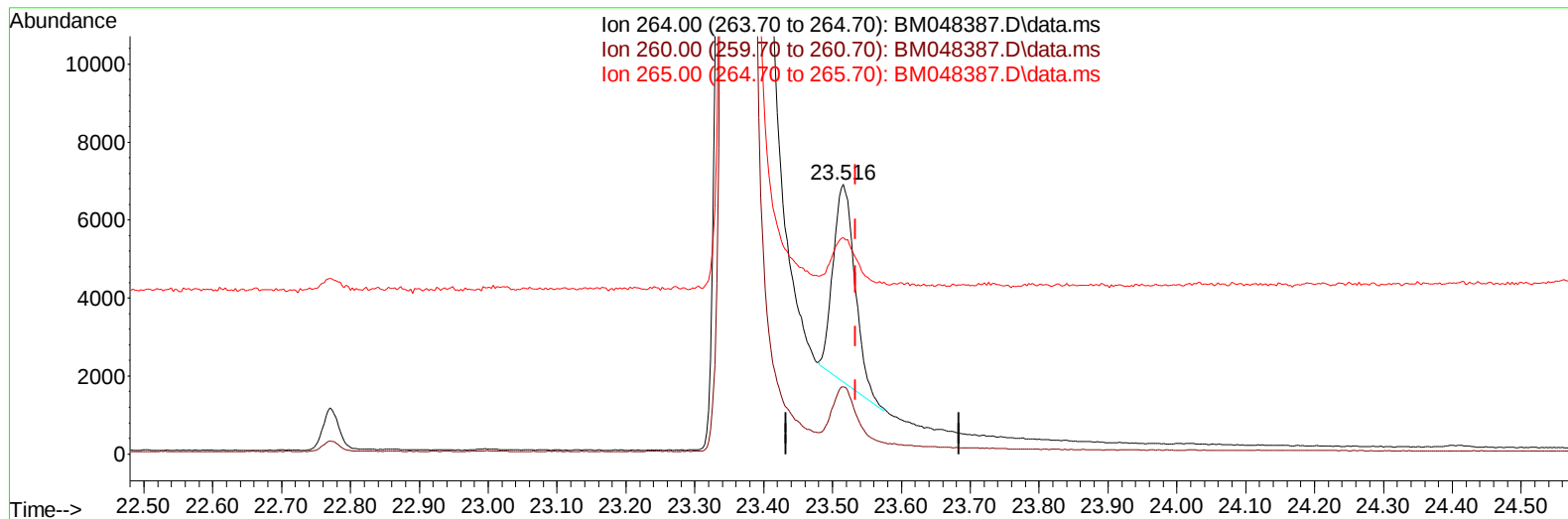
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

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TIC: BM048387.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/ul m

response 11124

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	24.91
265.00	120.80	80.22#
0.00	0.00	0.00

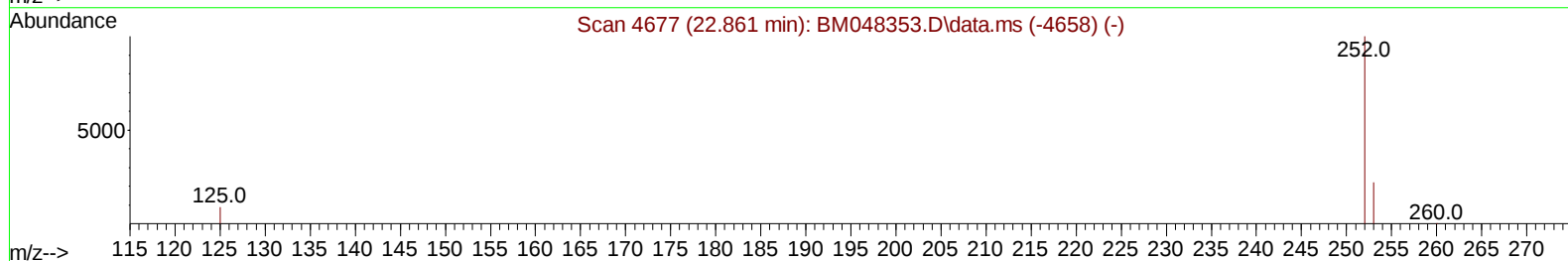
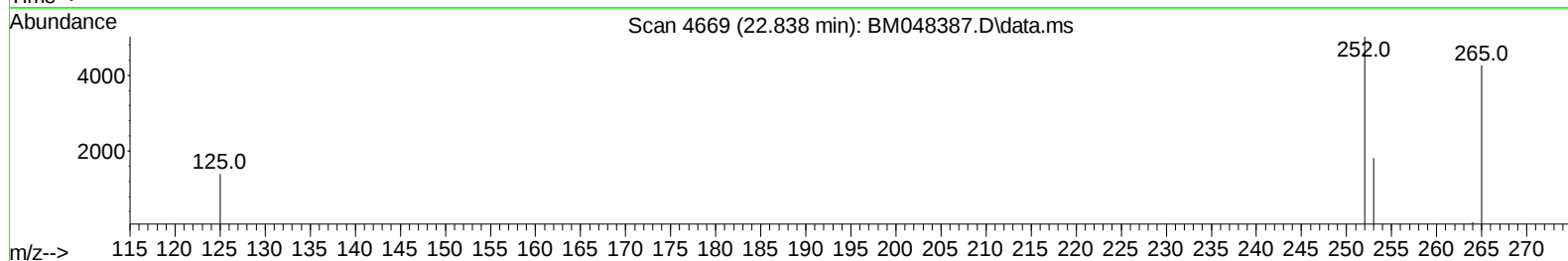
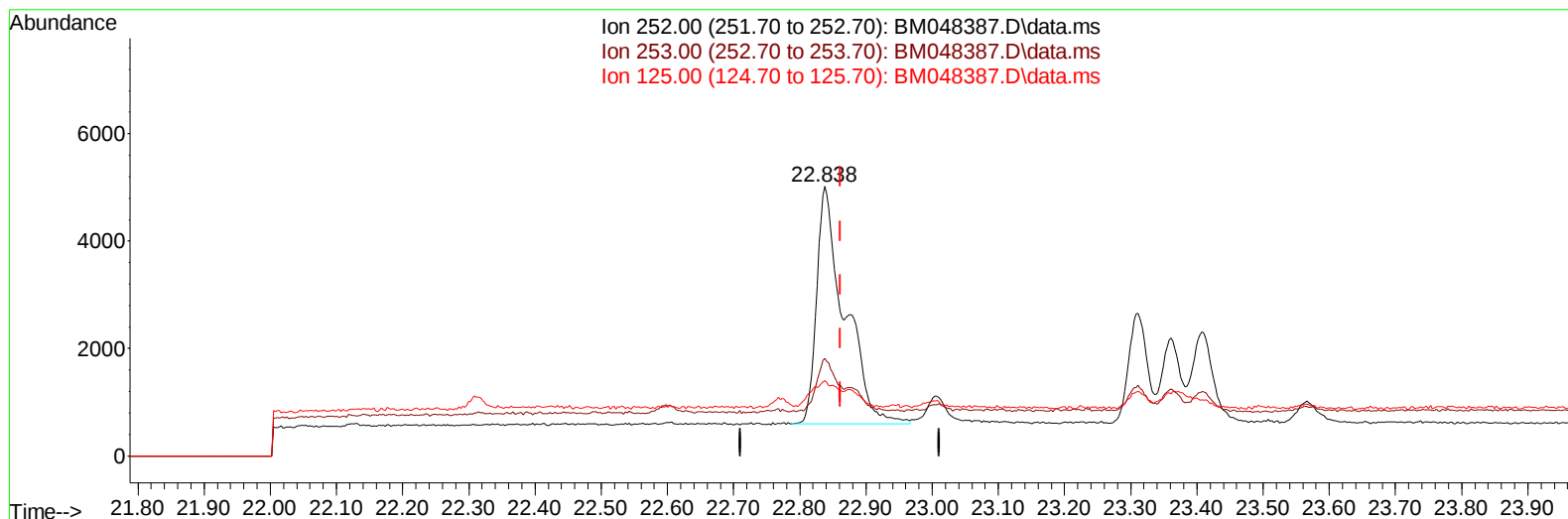
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/04/2024



TIC: BM048387.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 0.34 ng/u1

response 13010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	36.14
125.00	19.00	27.91
0.00	0.00	0.00

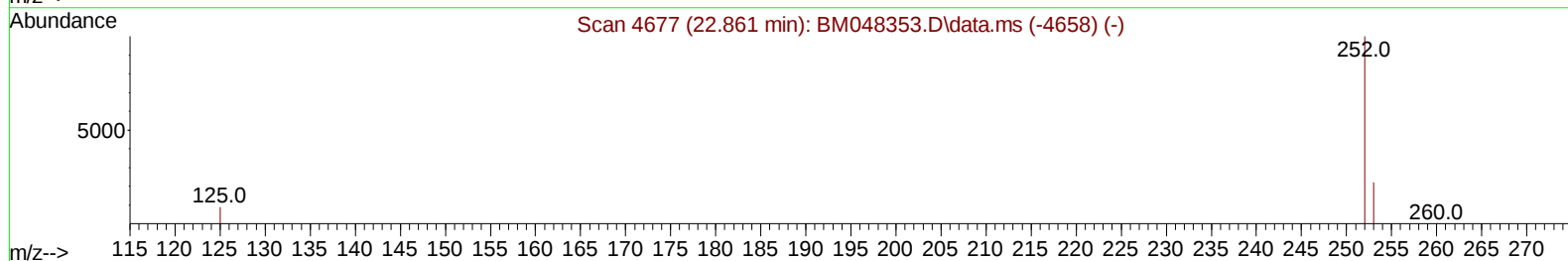
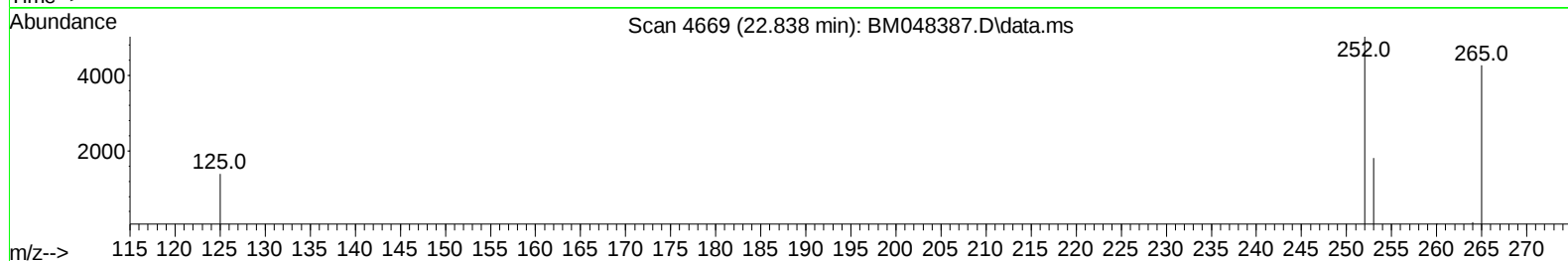
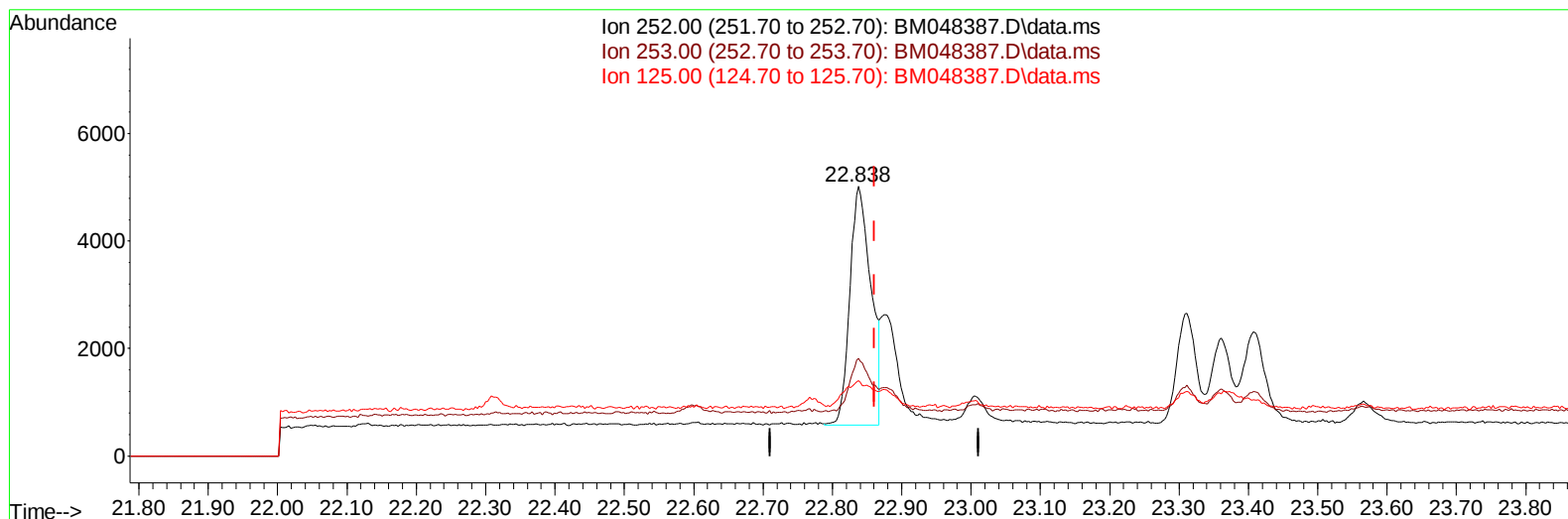
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048387.D\data.ms

(24) Benzo(b)fluoranthene

22.838min (-0.023) 0.25 ng/u1 m

response 9354

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	36.14
125.00	19.00	27.91
0.00	0.00	0.00

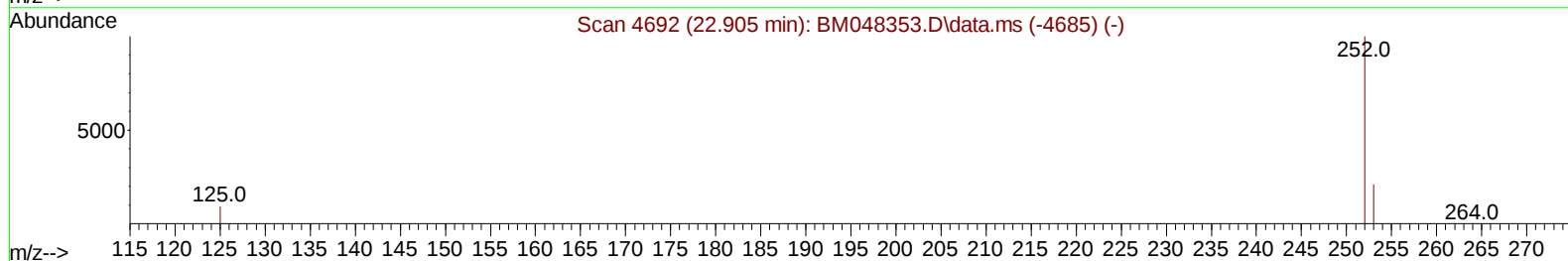
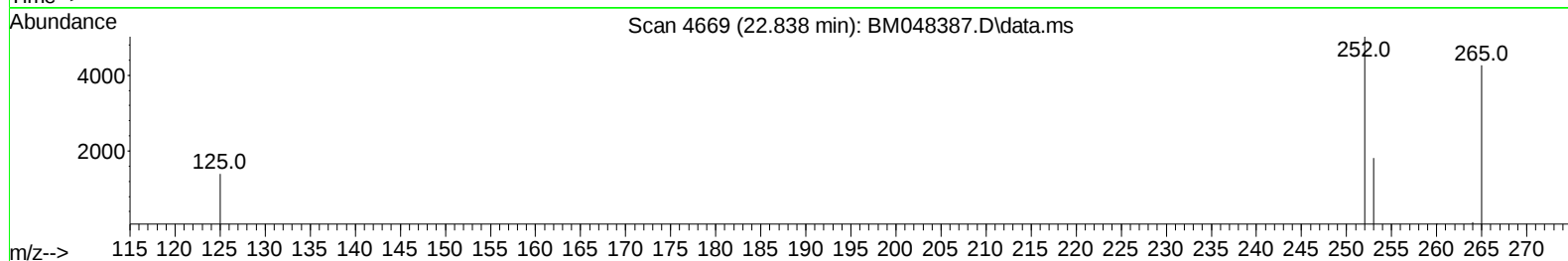
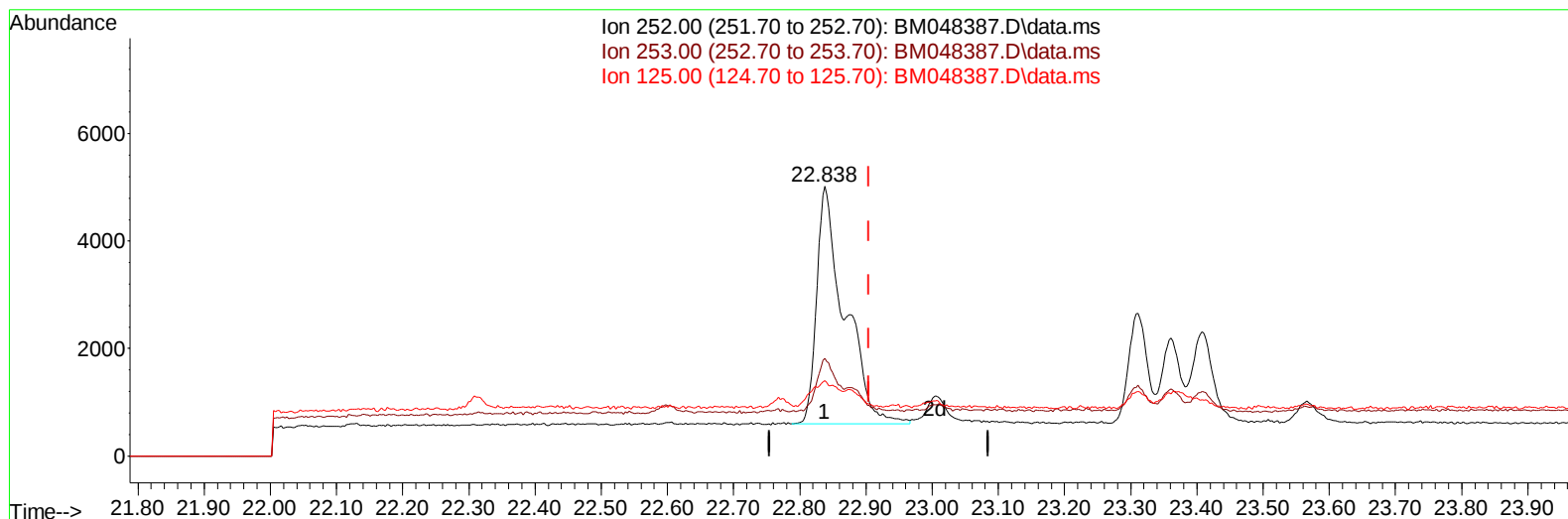
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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TIC: BM048387.D\data.ms

(25) Benzo(k)fluoranthene

22.838min (-0.067) 0.29 ng/u1

response 13010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	36.14#
125.00	19.10	27.91#
0.00	0.00	0.00

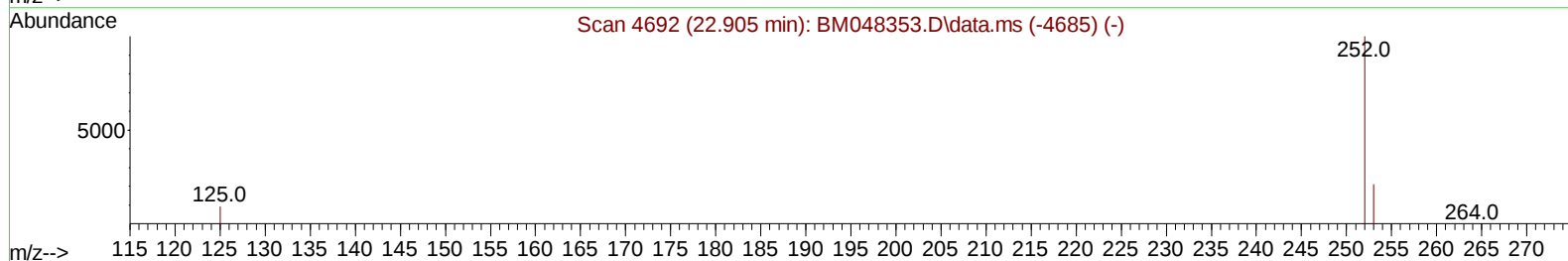
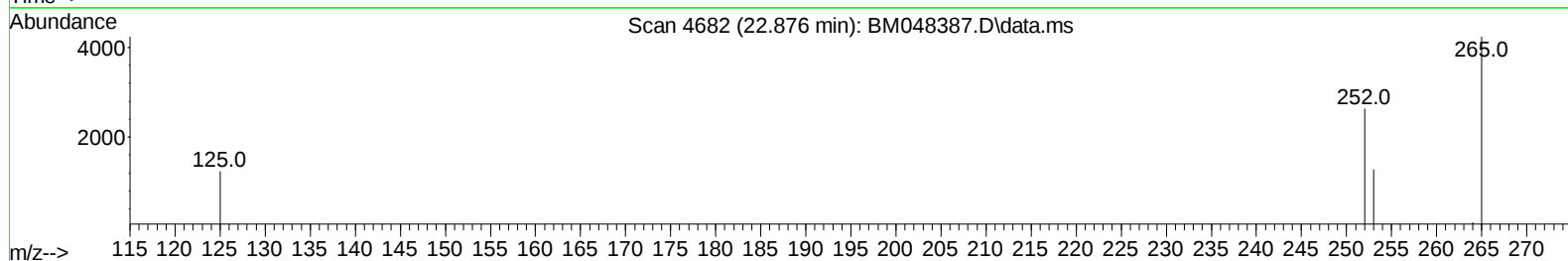
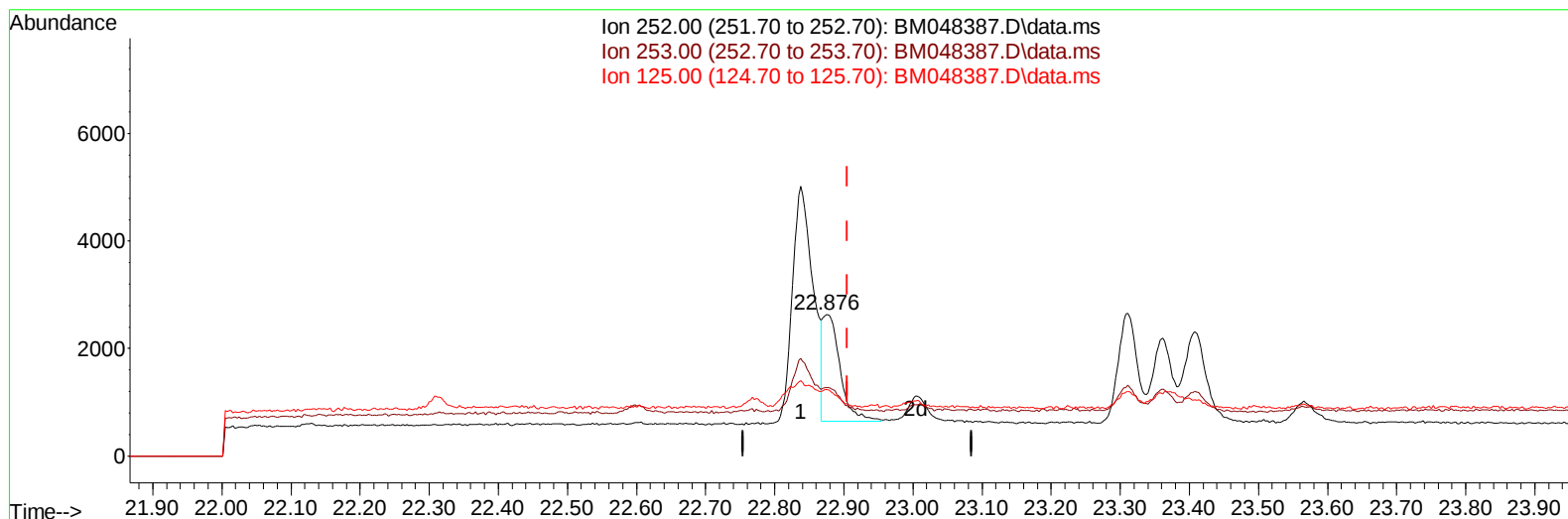
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
Acq On : 01 Nov 2024 10:08
Operator : RC/JU
Sample : P4592-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H07

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TIC: BM048387.D\data.ms

(25) Benzo(k)fluoranthene

22.876min (-0.029) 0.08 ng/ul m

response 3434

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	48.43#
125.00	19.10	46.91#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P4592-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H07

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152		4596	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136		14987	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164		8099	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188		16332m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.286	240		13507m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264		11124m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		20664	3.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152		4948	0.260	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212		11501	0.335	ng/ul	-0.01
Target Compounds							Qvalue
19) Fluoranthene	19.155	202		5001	0.107	ng/ul#	93
20) Pyrene	19.513	202		9181m	0.184	ng/ul	
21) Benzo(a)anthracene	21.274	228		3715m	0.092	ng/ul	
22) Chrysene	21.321	228		4365m	0.078	ng/ul	
24) Benzo(b)fluoranthene	22.838	252		9354m	0.246	ng/ul	
25) Benzo(k)fluoranthene	22.876	252		3434m	0.076	ng/ul	
26) Benzo(a)pyrene	23.408	252		3620	0.101	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.822	276		2919	0.058	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.832	278		827	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.510	276		2489	0.059	ng/ul#	74

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

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