

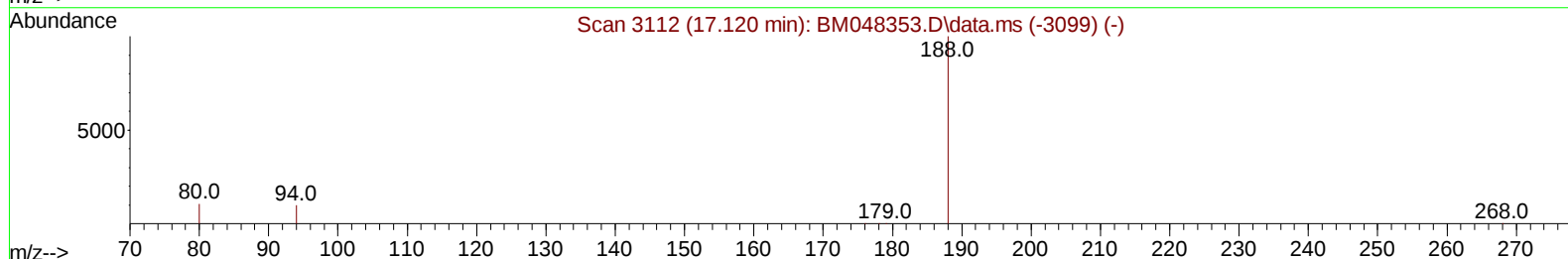
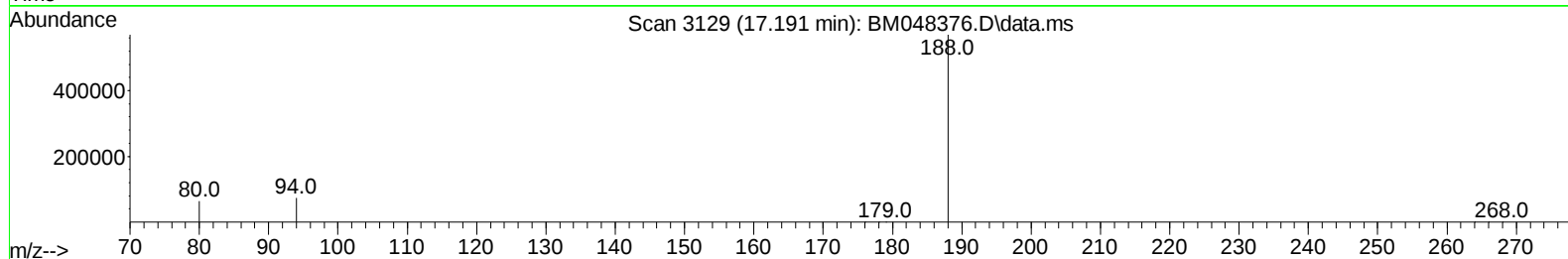
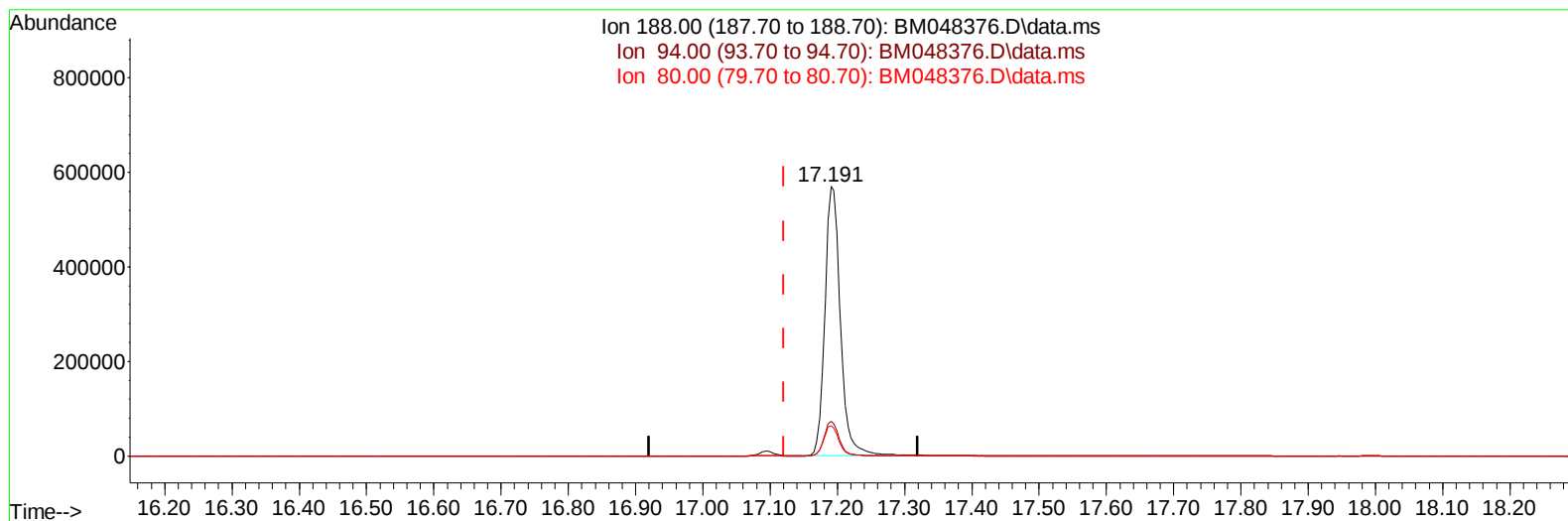
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:05:03 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: BM048376.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (+ 0.070) 0.40 ng/u1

response 909825

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	12.79
80.00	12.10	11.26
0.00	0.00	0.00

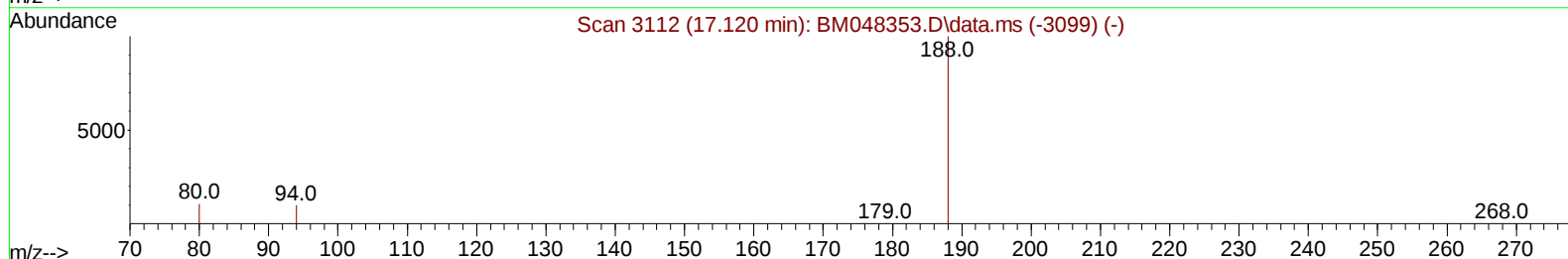
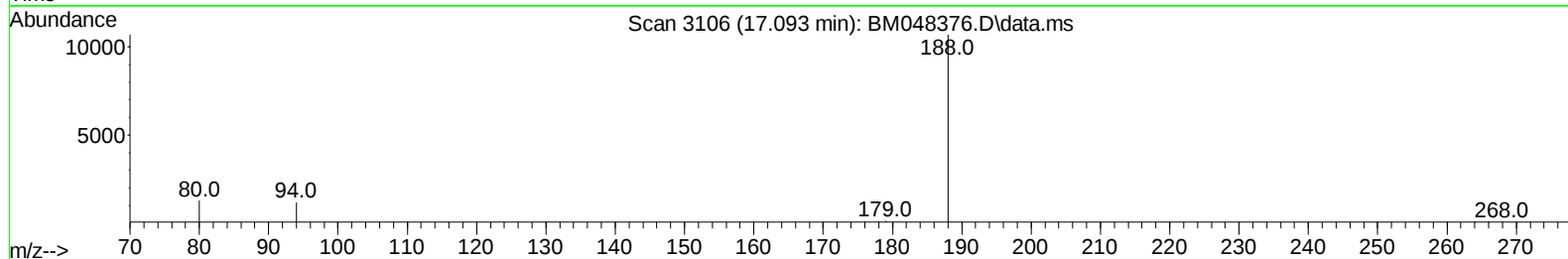
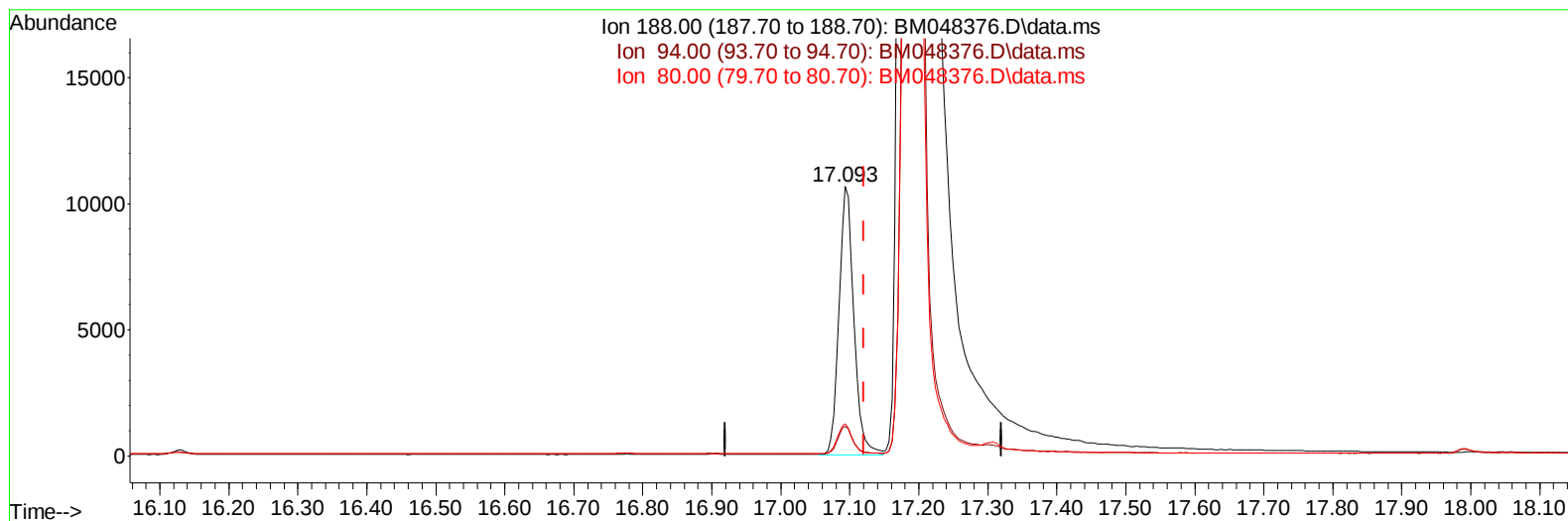
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

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TIC: BM048376.D\data.ms

(13) Phenanthrene-d10 (I)

17.093min (-0.027) 0.40 ng/ul m

response 15824

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.50	11.01
80.00	12.10	11.83
0.00	0.00	0.00

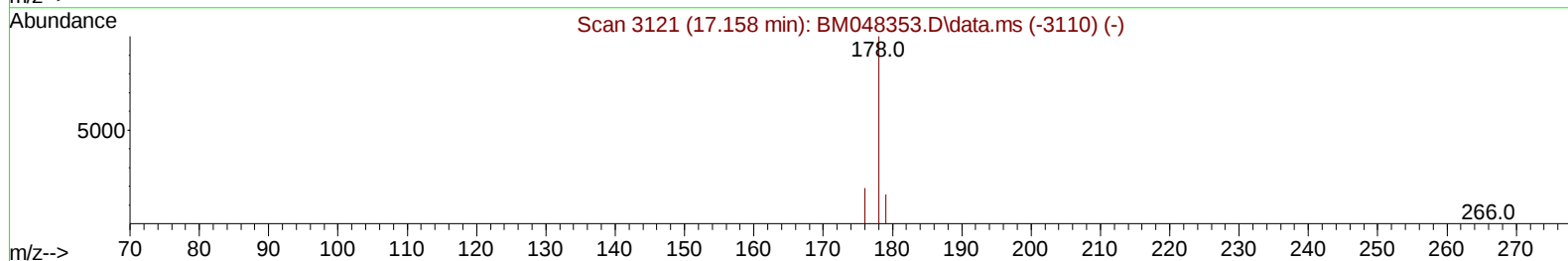
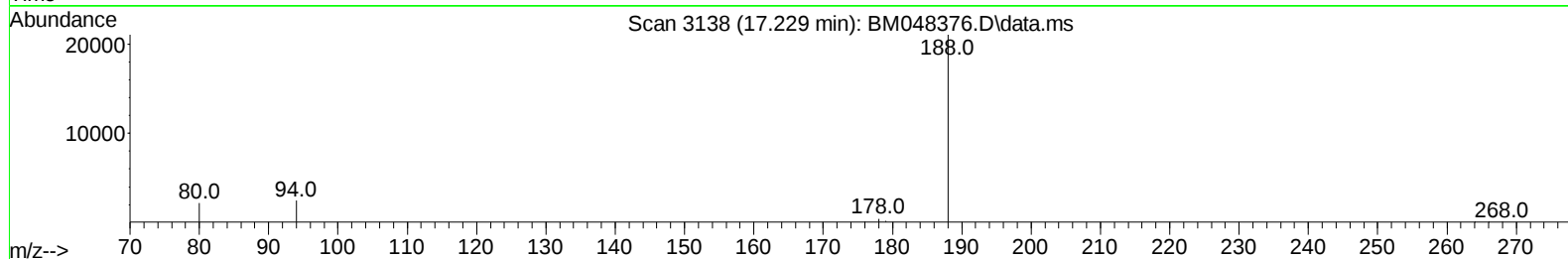
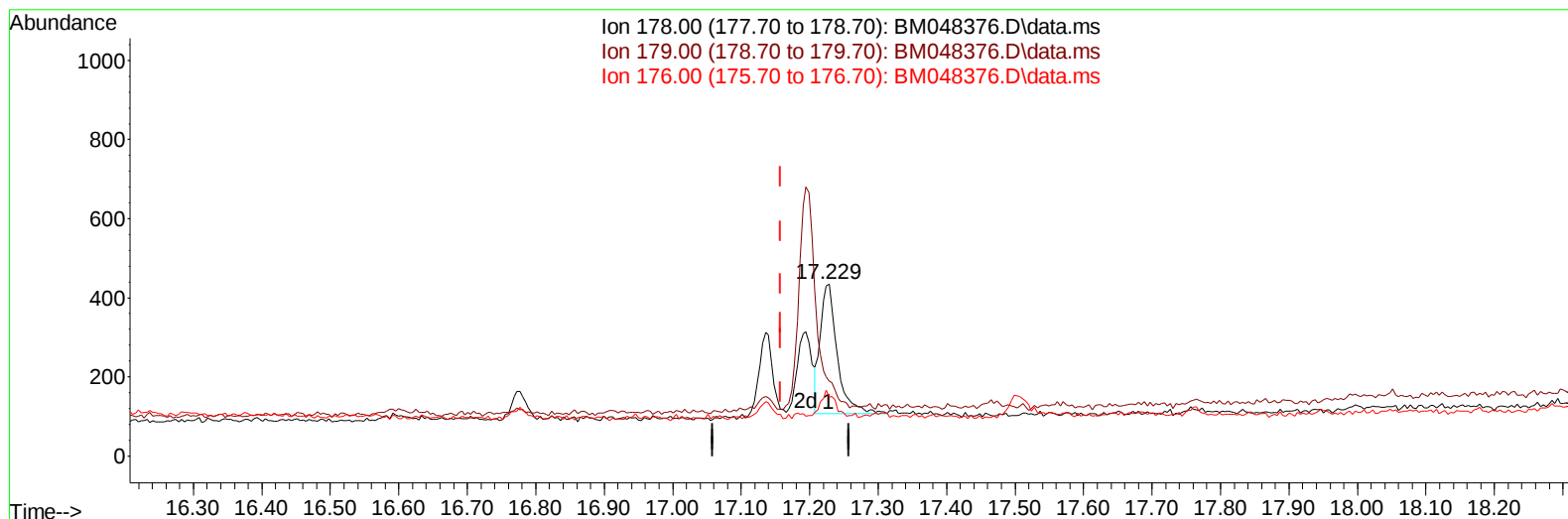
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM048376.D\data.ms

(15) Phenanthrene

17.229min (+ 0.070) 0.01 ng/u1

response 565

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.40	43.45#
176.00	20.00	34.25#
0.00	0.00	0.00

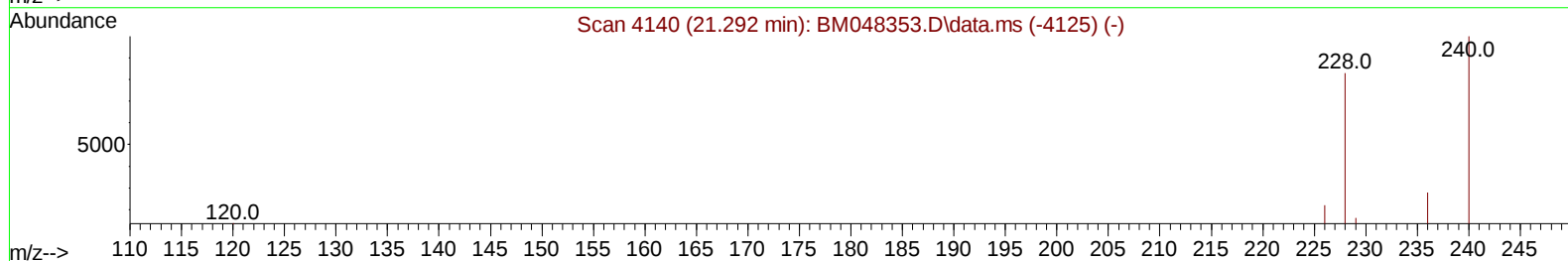
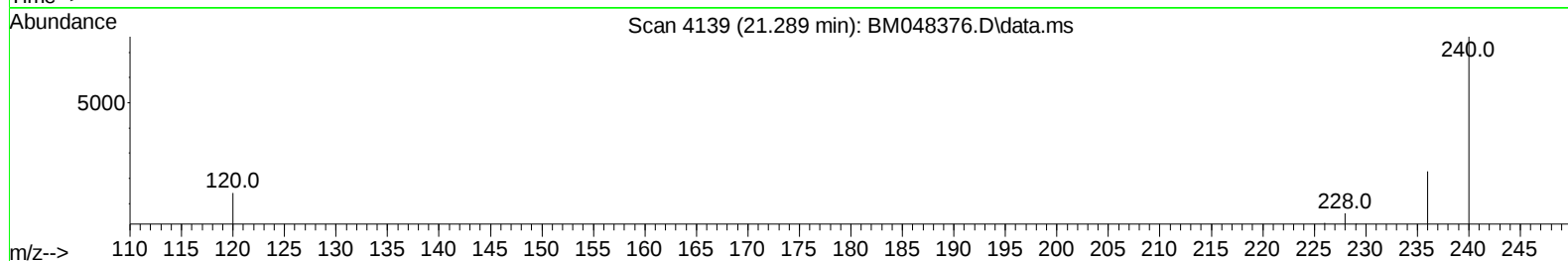
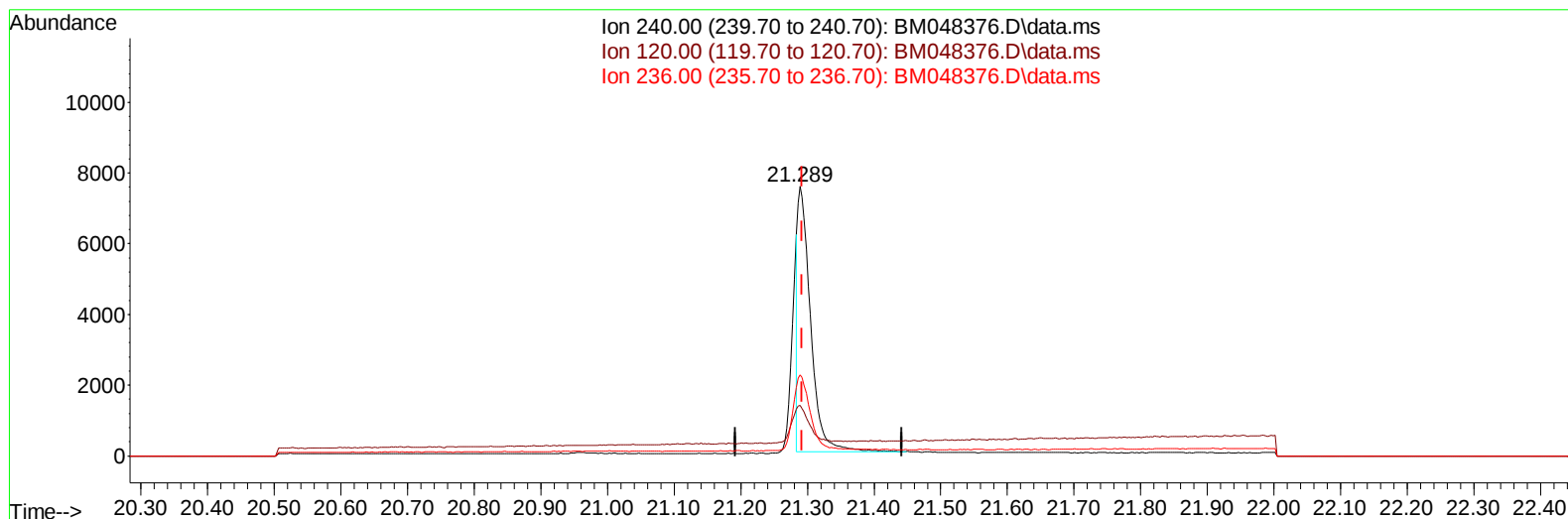
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
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Instrument :
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TIC: BM048376.D\data.ms

(17) Chrysene-d12

21.289min (-0.003) 0.40 ng/u1

response 9908

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	18.77
236.00	29.90	30.07
0.00	0.00	0.00

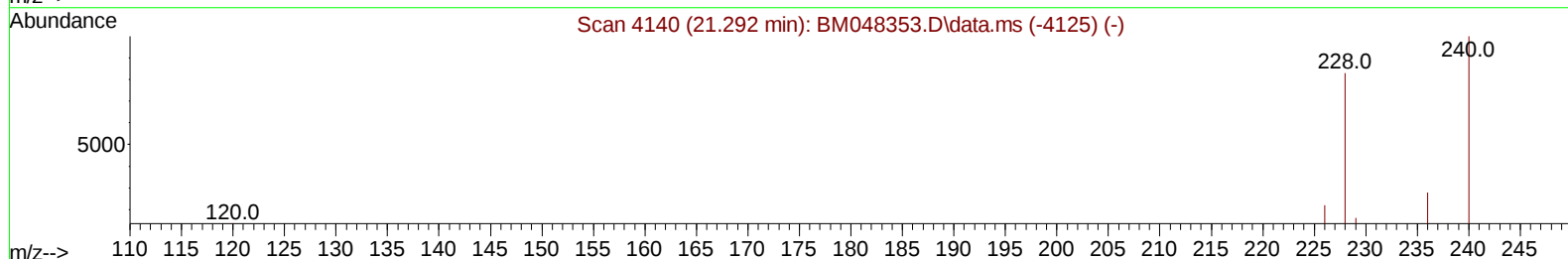
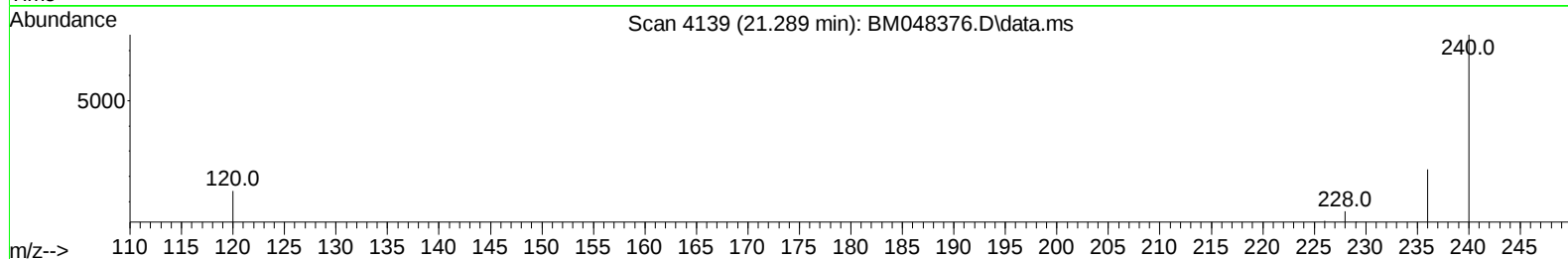
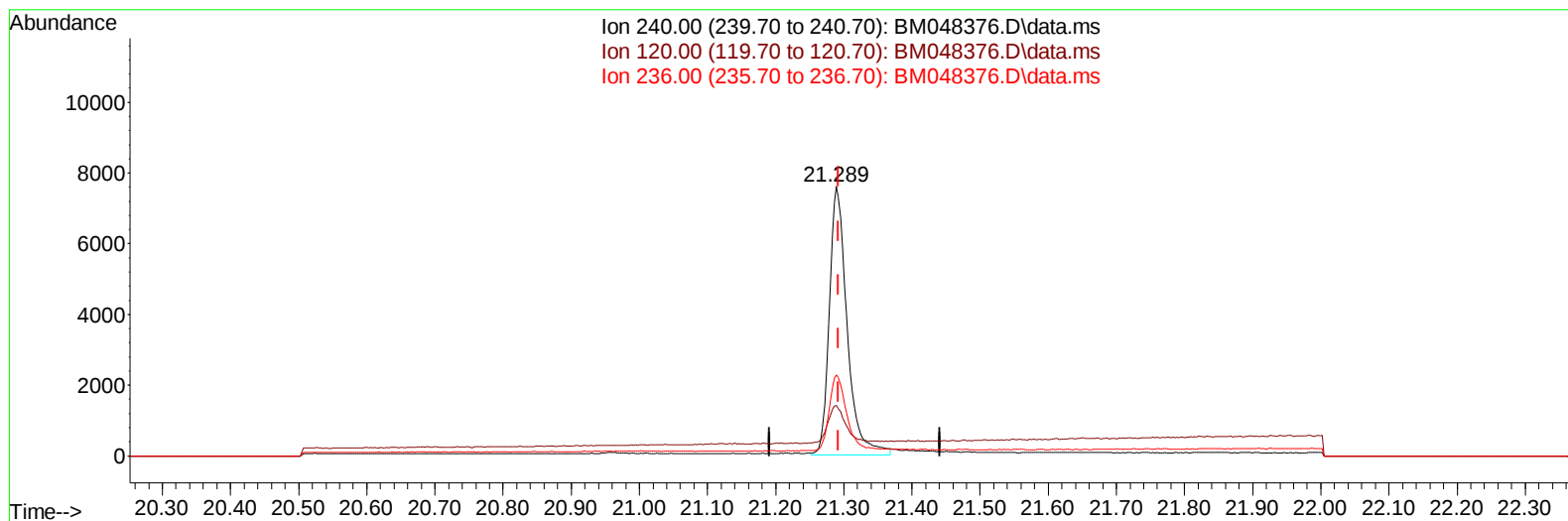
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:05:03 2024
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TIC: BM048376.D\data.ms

(17) Chrysene-d12

21.289min (-0.003) 0.40 ng/u1 m

response 13763

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	19.00	18.77
236.00	29.90	30.07
0.00	0.00	0.00

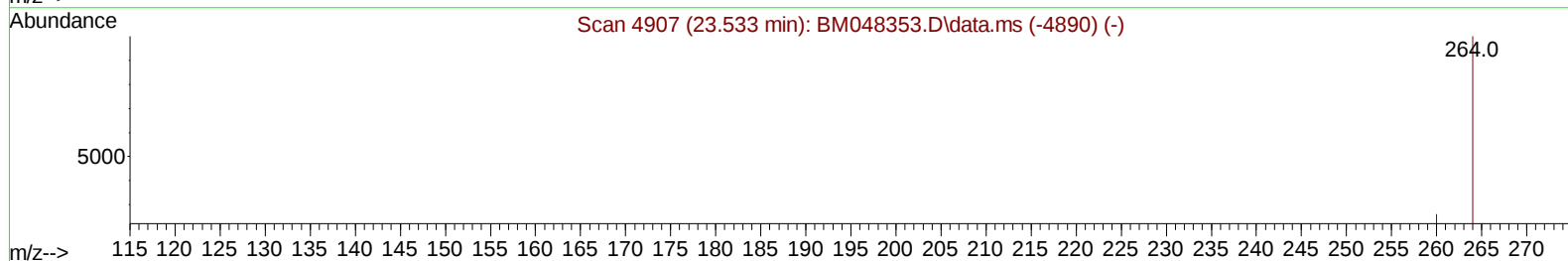
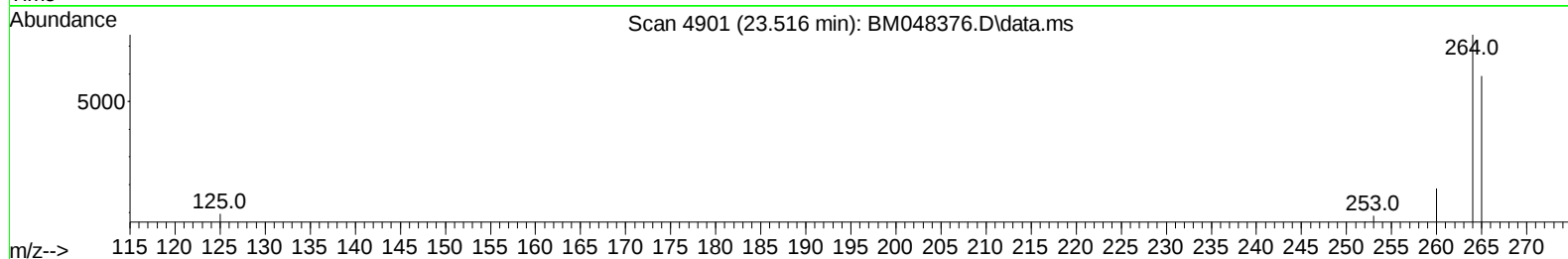
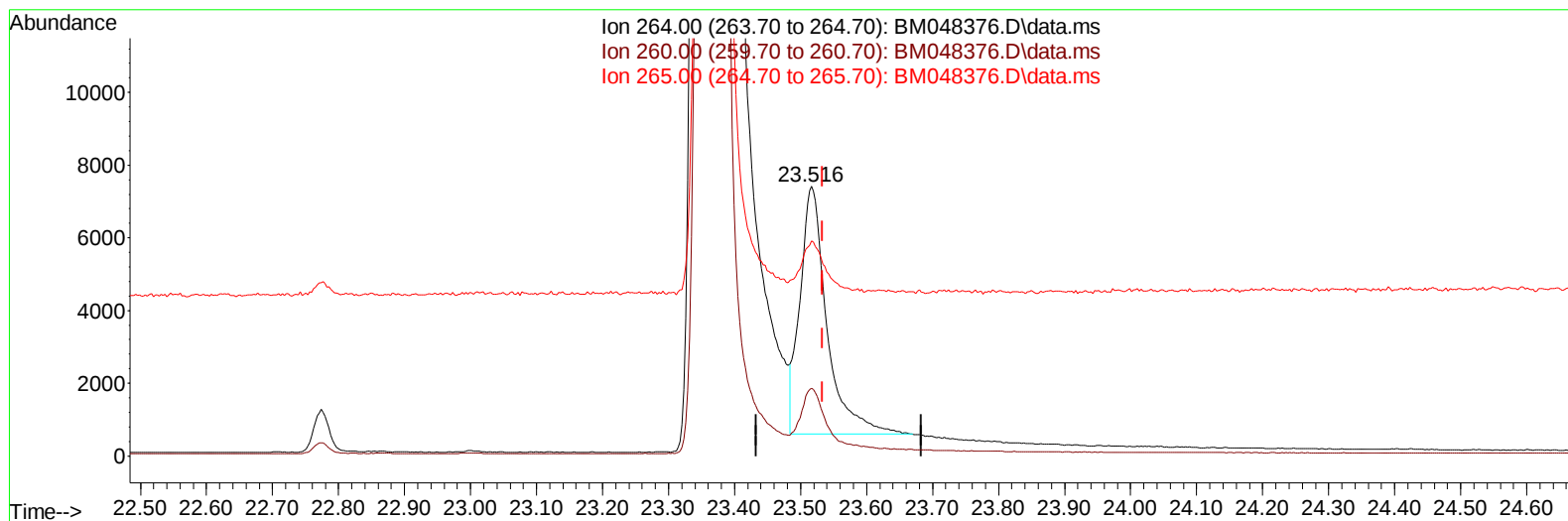
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048376.D
 Acq On : 01 Nov 2024 02:52
 Operator : RC/JU
 Sample : P4530-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H43

Manual IntegrationsAPPROVED

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



TIC: BM048376.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.017) 0.40 ng/u1

response 19359

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.07
265.00	120.80	79.78#
0.00	0.00	0.00

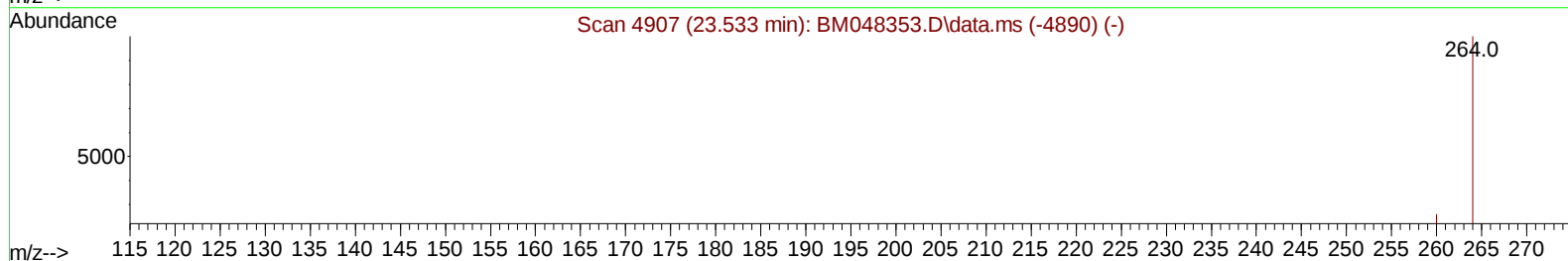
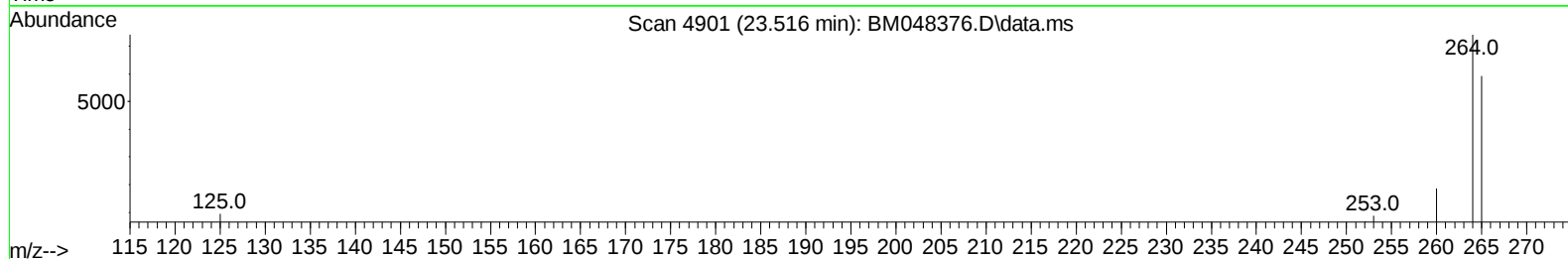
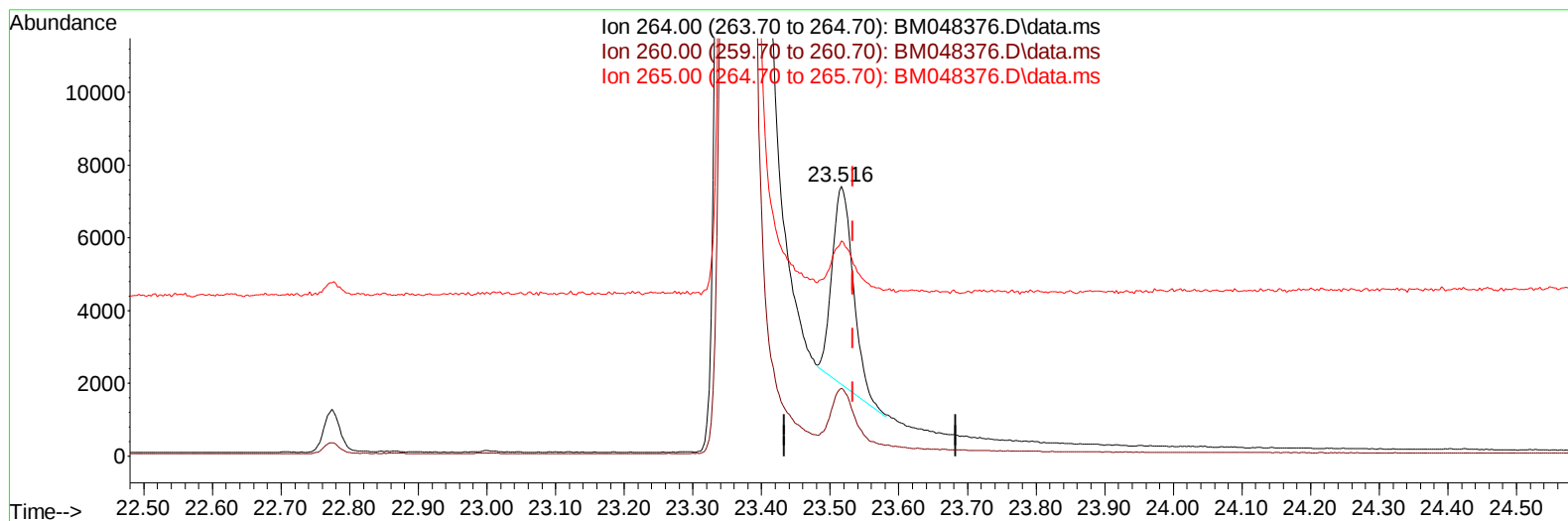
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
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TIC: BM048376.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.017) 0.40 ng/ul m

response 11681

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.07
265.00	120.80	79.78#
0.00	0.00	0.00

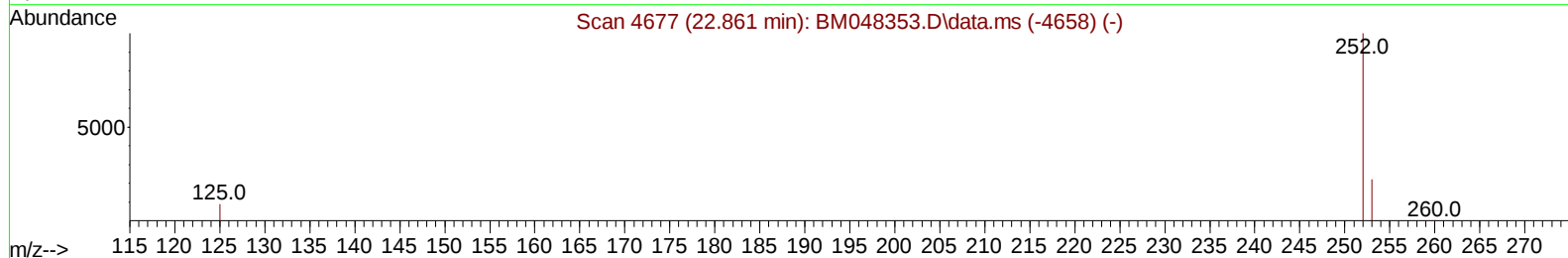
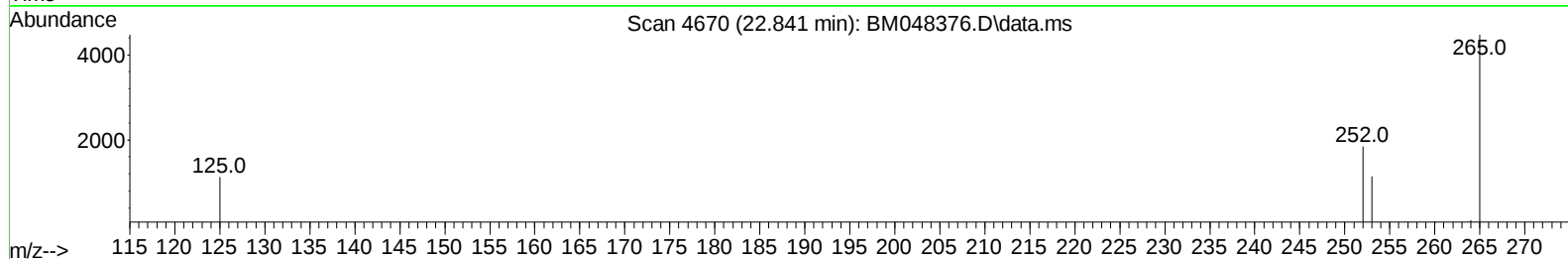
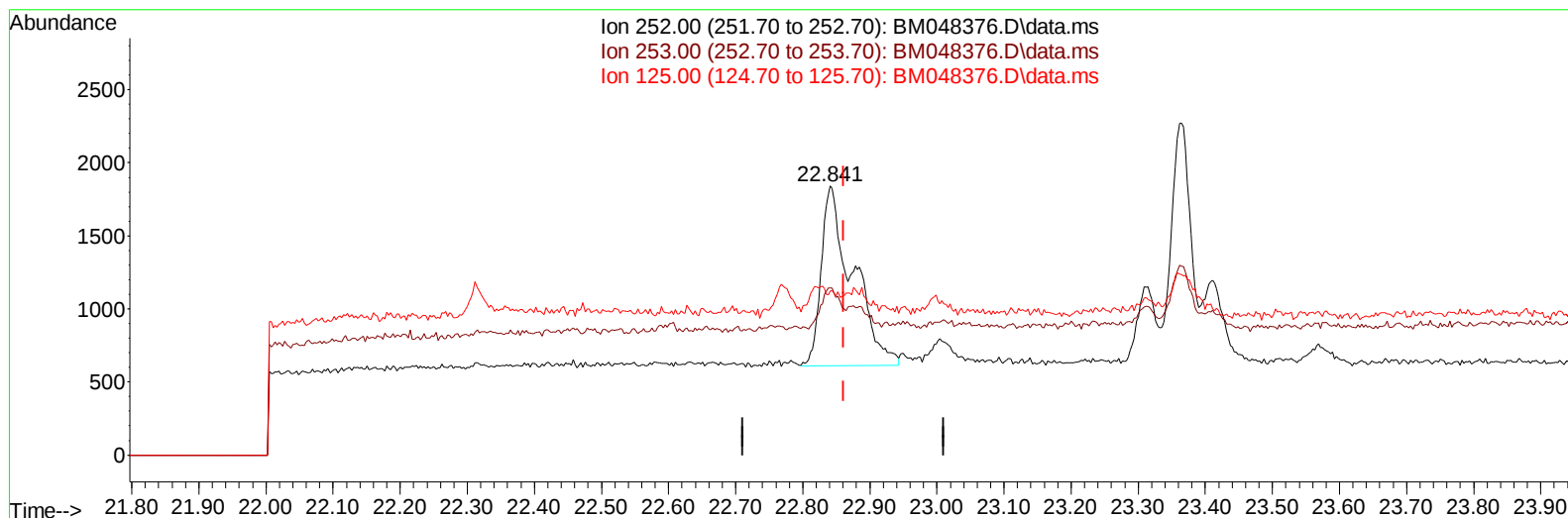
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

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TIC: BM048376.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 0.10 ng/u1

response 4038

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	62.23#
125.00	19.00	61.03#
0.00	0.00	0.00

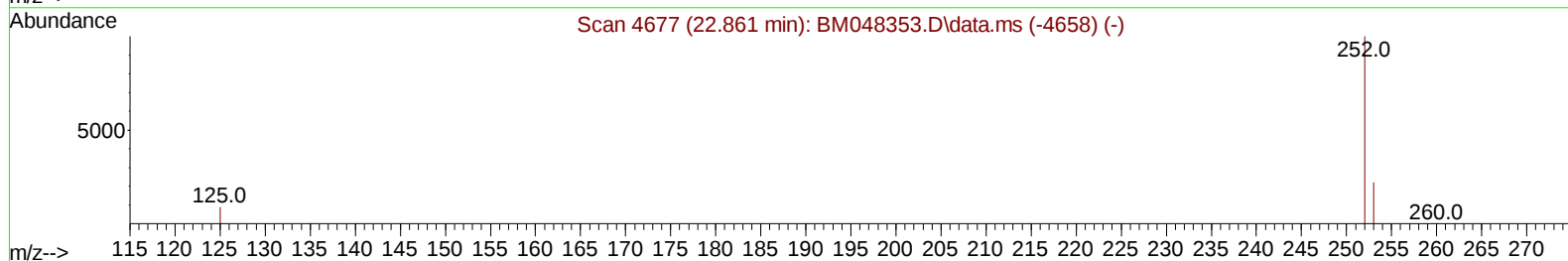
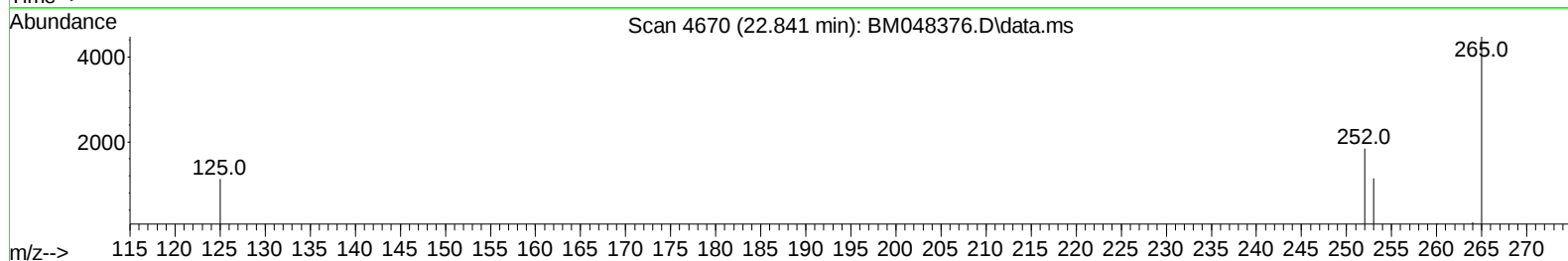
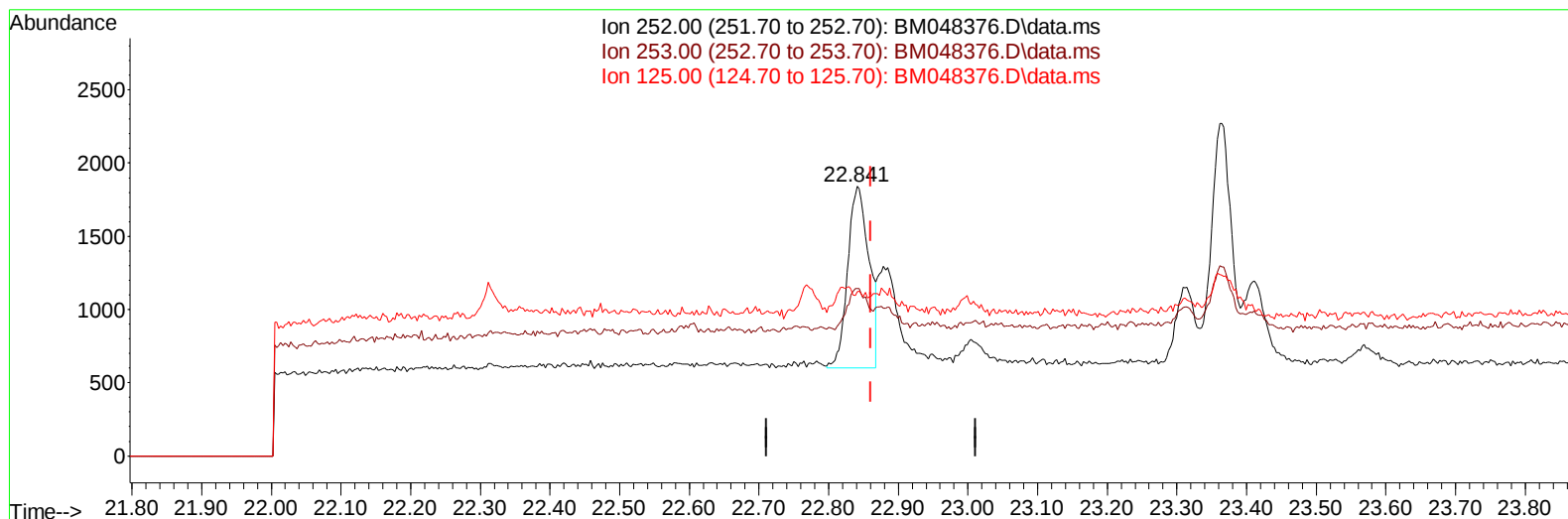
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

Quant Time: Nov 03 07:05:03 2024
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Supervised By :mohammad ahmed 11/04/2024



TIC: BM048376.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 0.07 ng/u1 m

response 2629

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	62.23#
125.00	19.00	61.03#
0.00	0.00	0.00

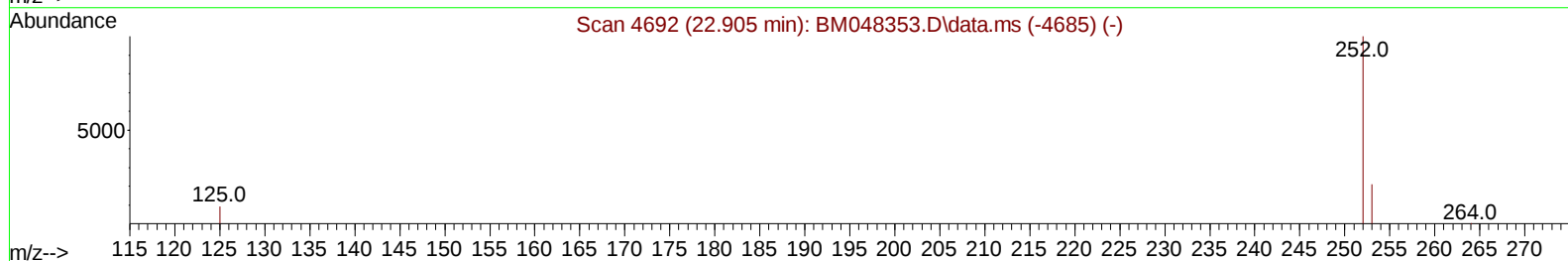
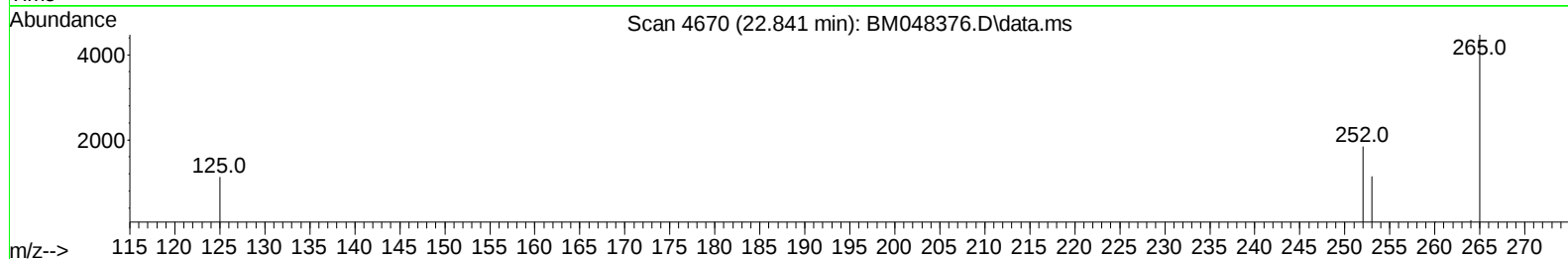
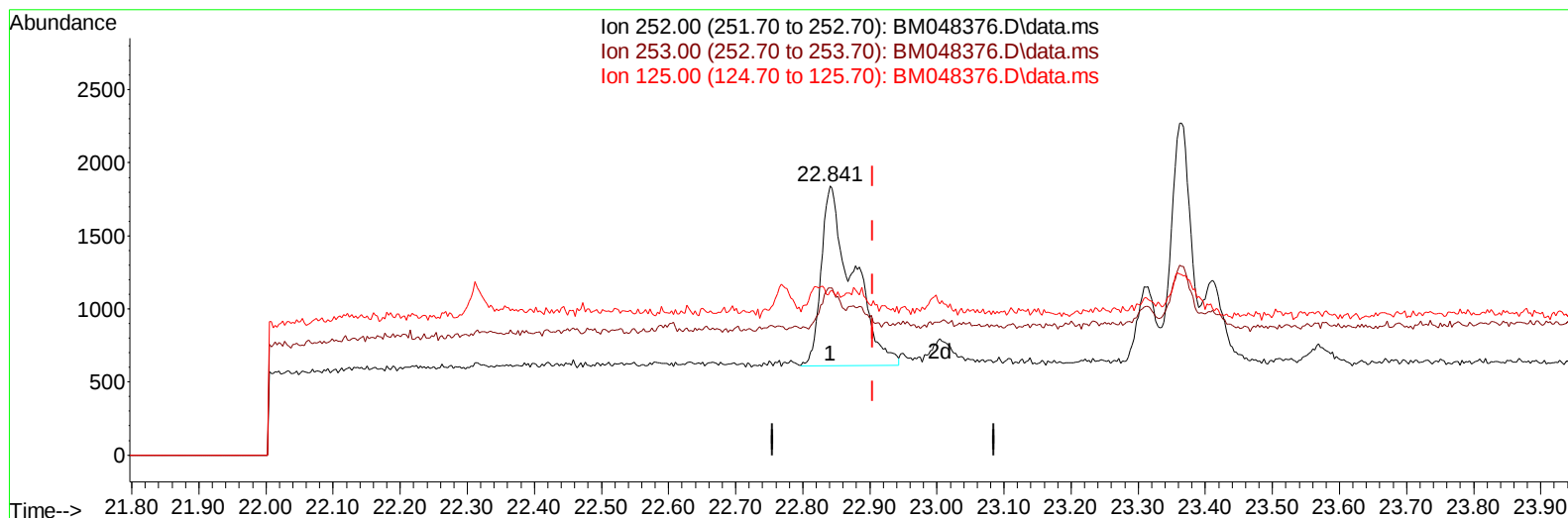
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Data File : BM048376.D
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Operator : RC/JU
Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H43

Manual IntegrationsAPPROVED

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Quant Time: Nov 03 07:05:03 2024
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TIC: BM048376.D\data.ms

(25) Benzo(k)fluoranthene

22.841min (-0.064) 0.09 ng/u1

response 4042

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	62.23#
125.00	19.10	61.03#
0.00	0.00	0.00

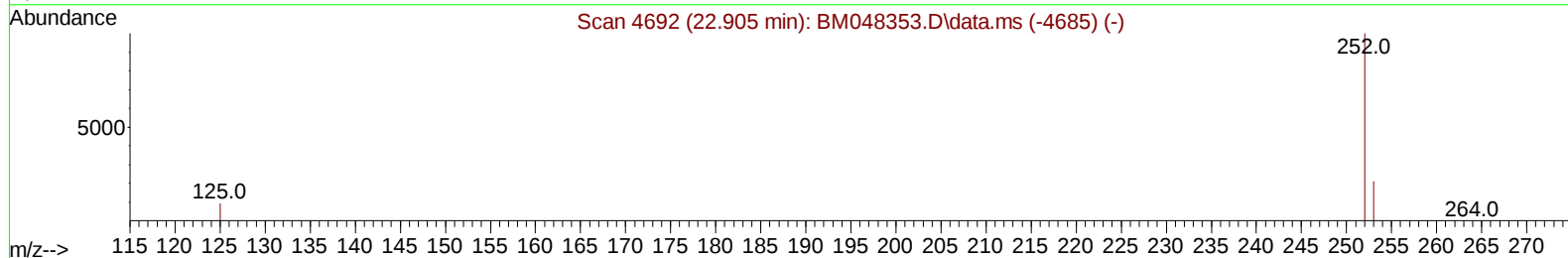
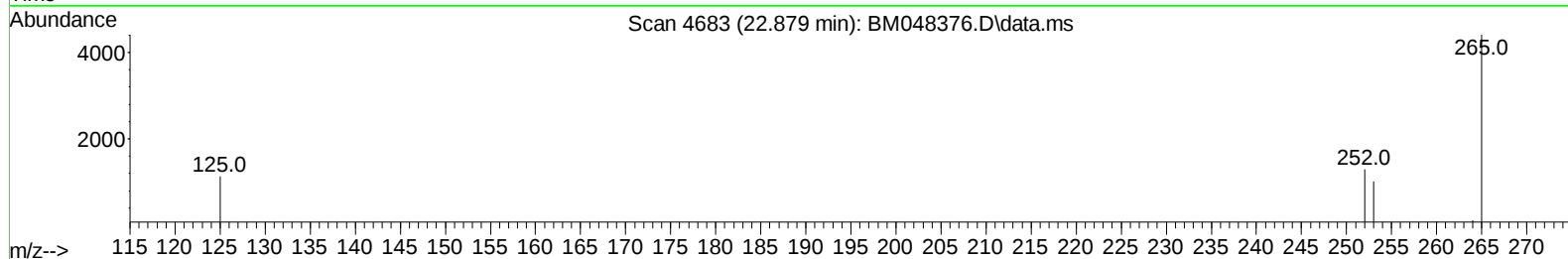
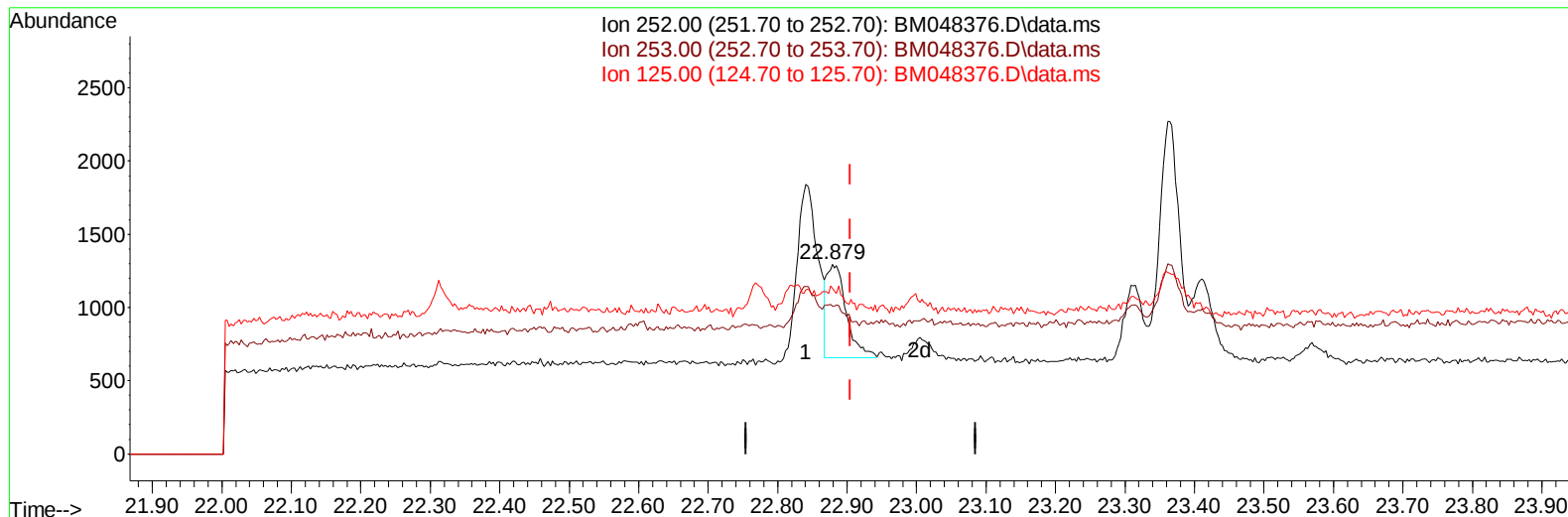
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Data File : BM048376.D
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Sample : P4530-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM048376.D\data.ms

(25) Benzo(k)fluoranthene

22.879min (-0.026) 0.03 ng/u1 m

response 1233

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	78.07#
125.00	19.10	87.34#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P4530-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H43

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152		4493	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136		14349	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.353	164		7772	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.093	188		15824m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240		13763m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264		11681m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		22541	4.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.117	152		5200	0.285	ng/ul	-0.02
18) Fluoranthene-d10	19.126	212		11697	0.335	ng/ul	-0.01
Target Compounds							Qvalue
19) Fluoranthene	19.154	202		1491	0.031	ng/ul#	36
20) Pyrene	19.512	202		2022	0.040	ng/ul#	63
21) Benzo(a)anthracene	21.283	228		1298	0.031	ng/ul#	78
22) Chrysene	21.327	228		1506	0.027	ng/ul#	85
24) Benzo(b)fluoranthene	22.841	252		2629m	0.066	ng/ul	
25) Benzo(k)fluoranthene	22.879	252		1233m	0.026	ng/ul	
26) Benzo(a)pyrene	23.411	252		932	0.025	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	25.833	276		1193	0.023	ng/ul#	75
29) Benzo(g,h,i)perylene	26.520	276		1123	0.025	ng/ul#	36

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

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