

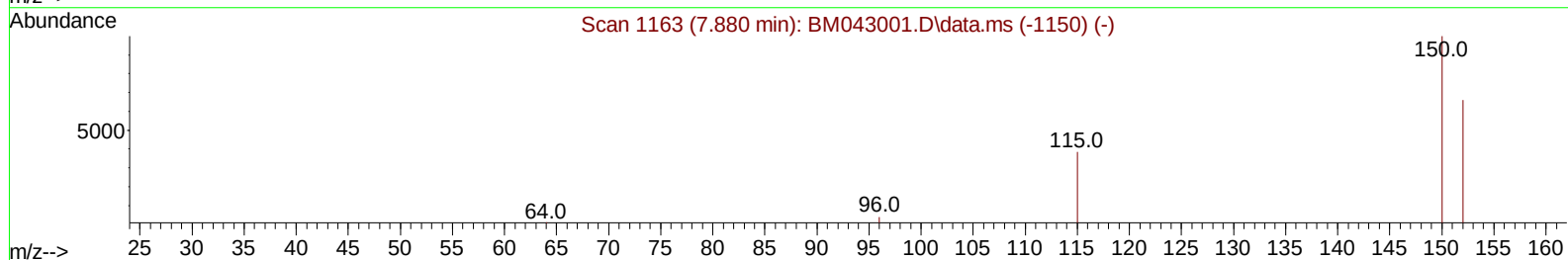
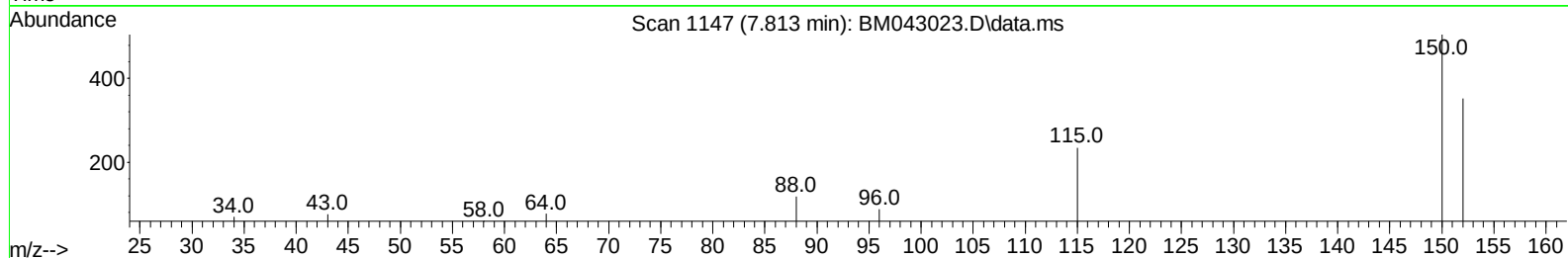
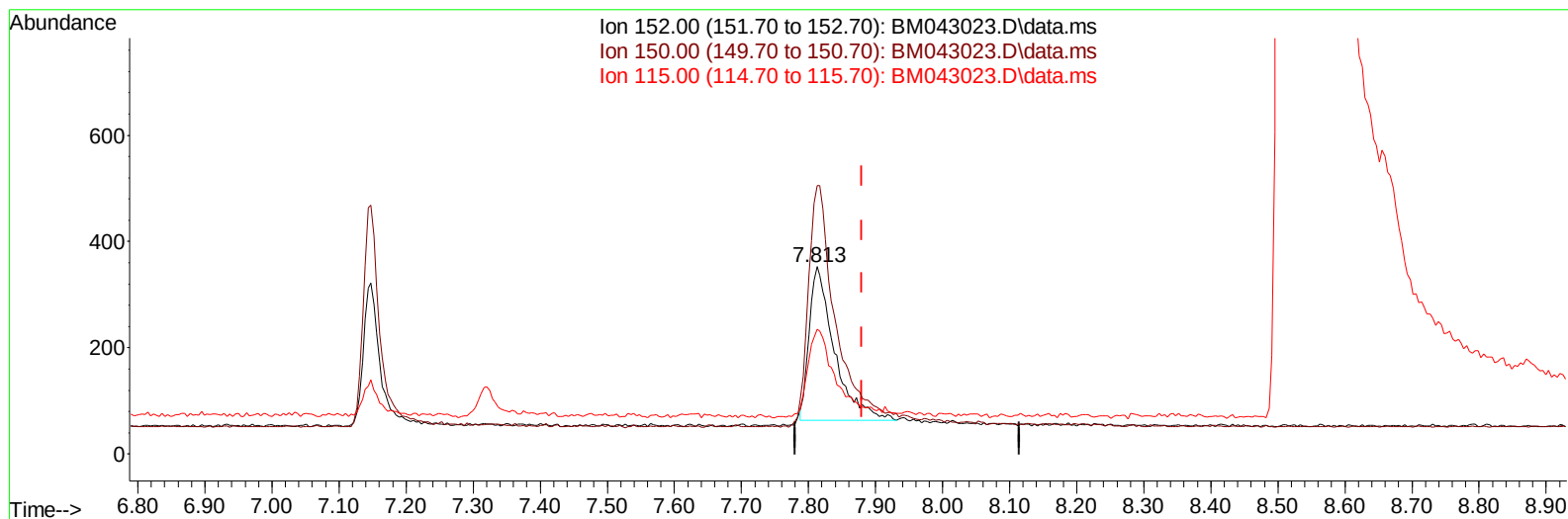
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM043023.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/ul

response 746

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.06
115.00	89.60	66.57#
0.00	0.00	0.00

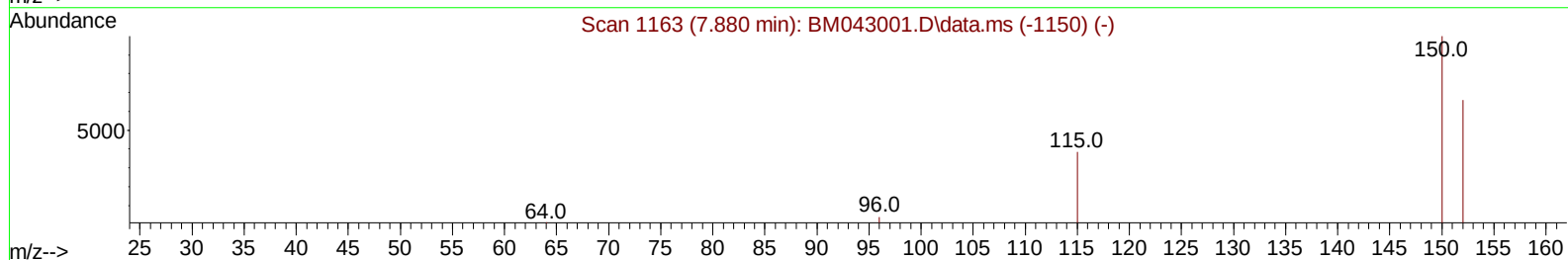
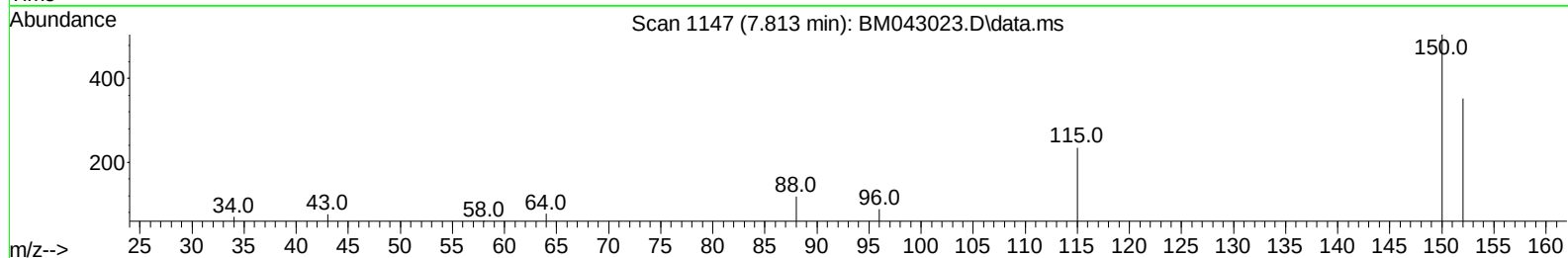
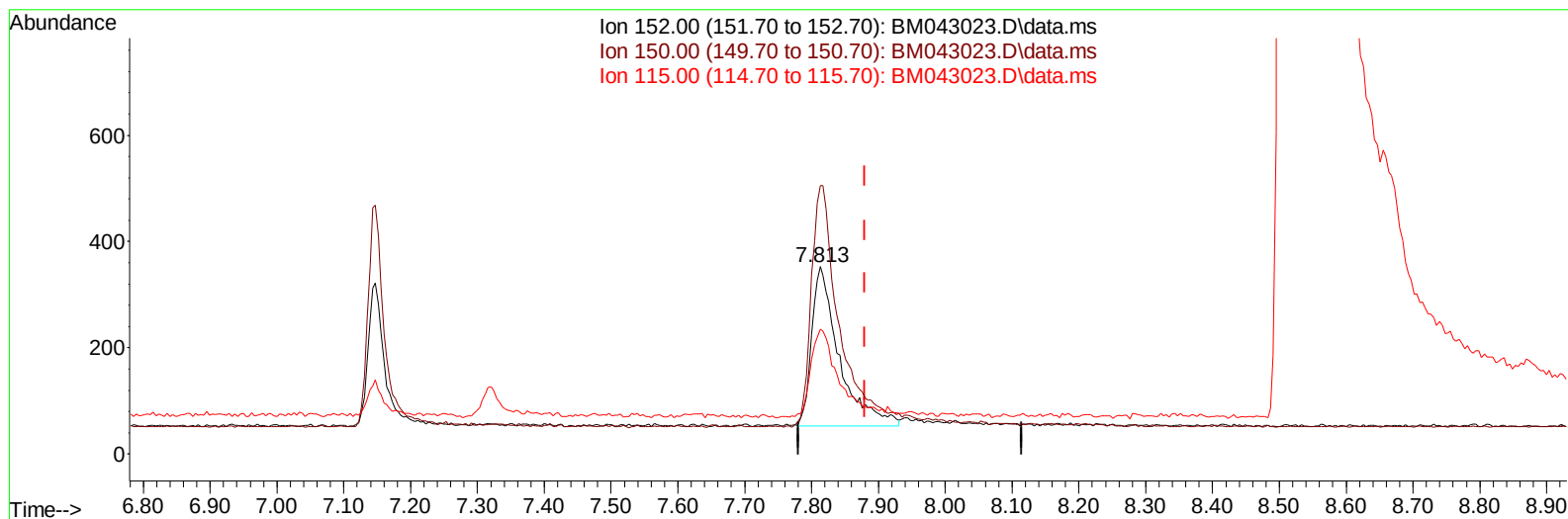
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

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TIC: BM043023.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/ul m

response 852

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.06
115.00	89.60	66.57#
0.00	0.00	0.00

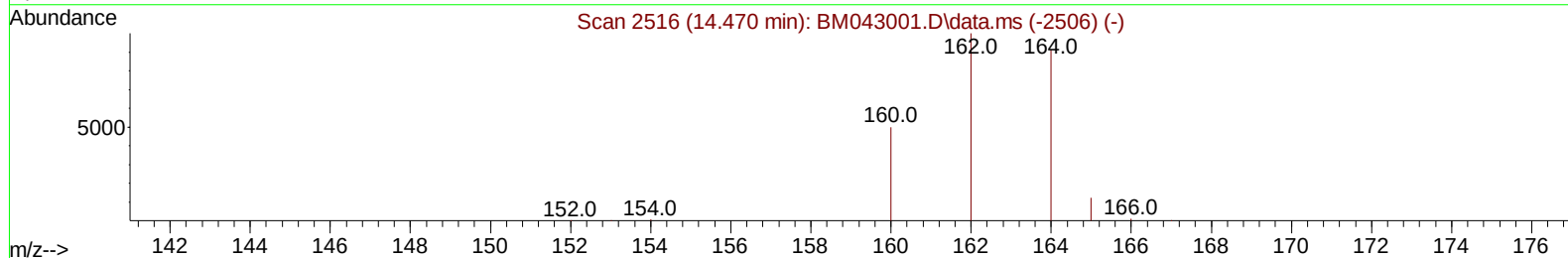
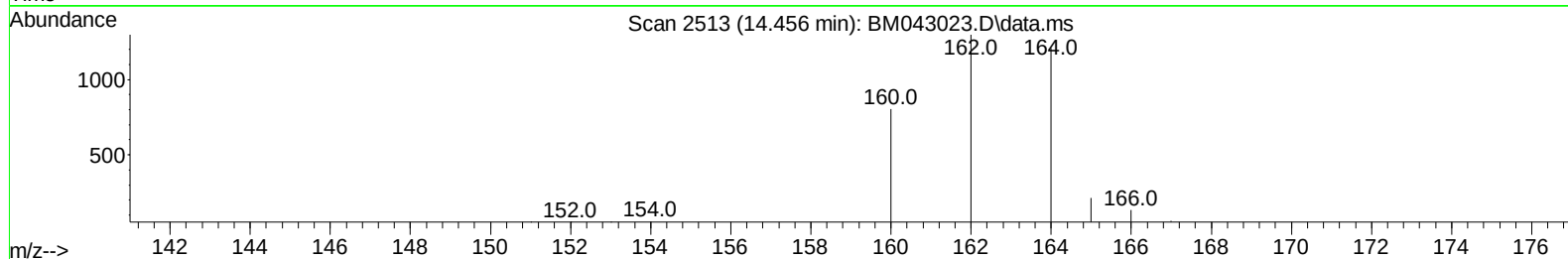
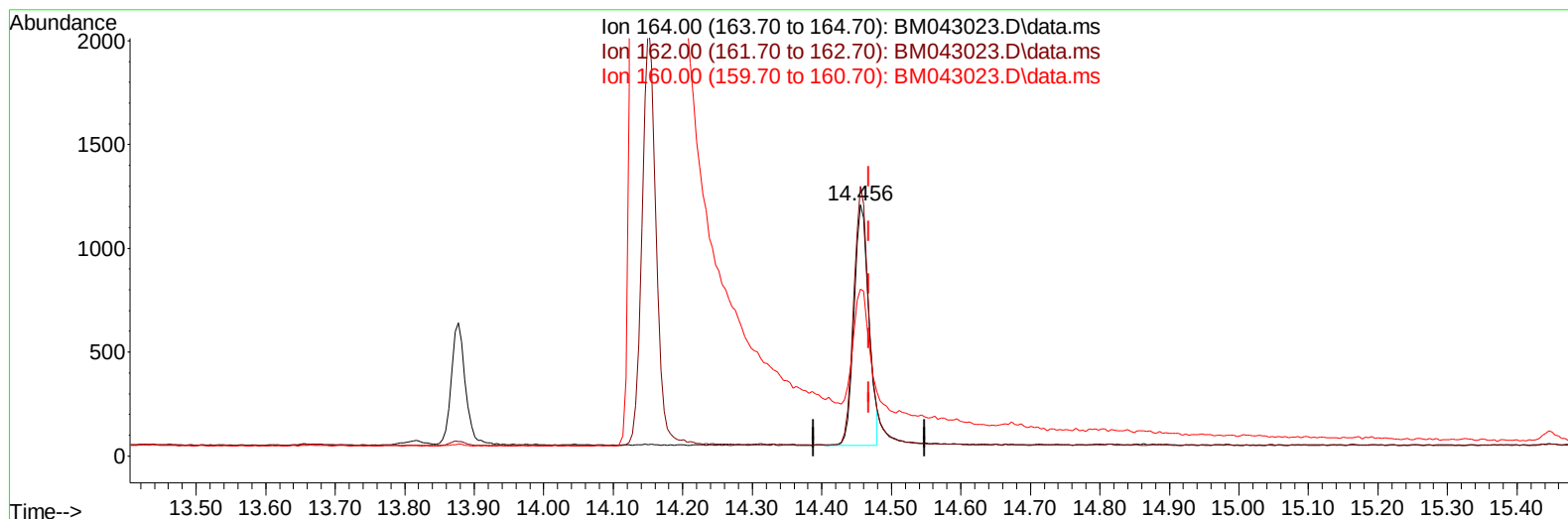
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

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TIC: BM043023.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/u1

response 1723

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.27
160.00	57.20	66.36
0.00	0.00	0.00

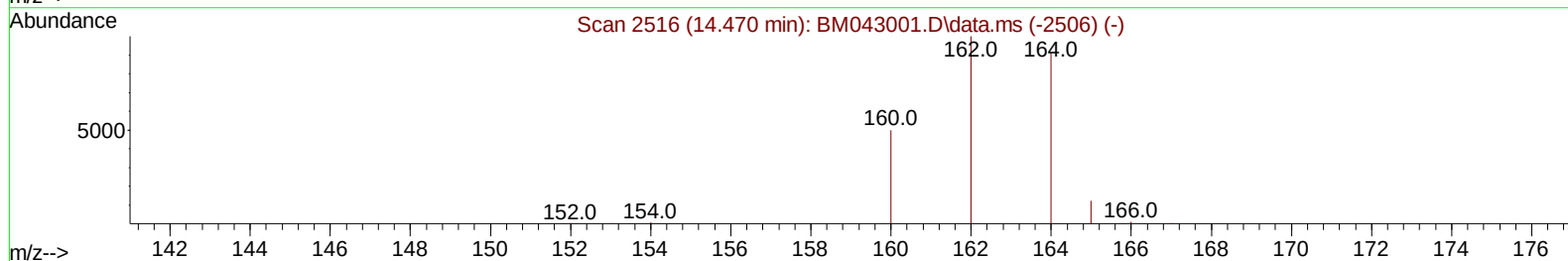
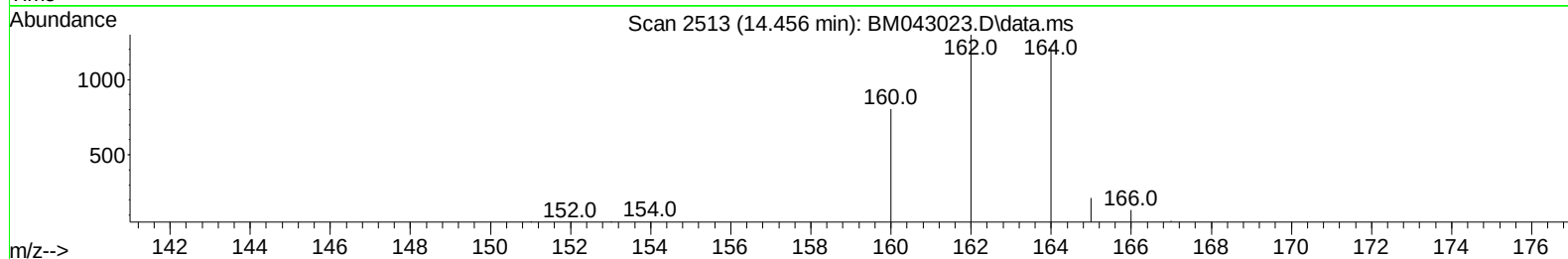
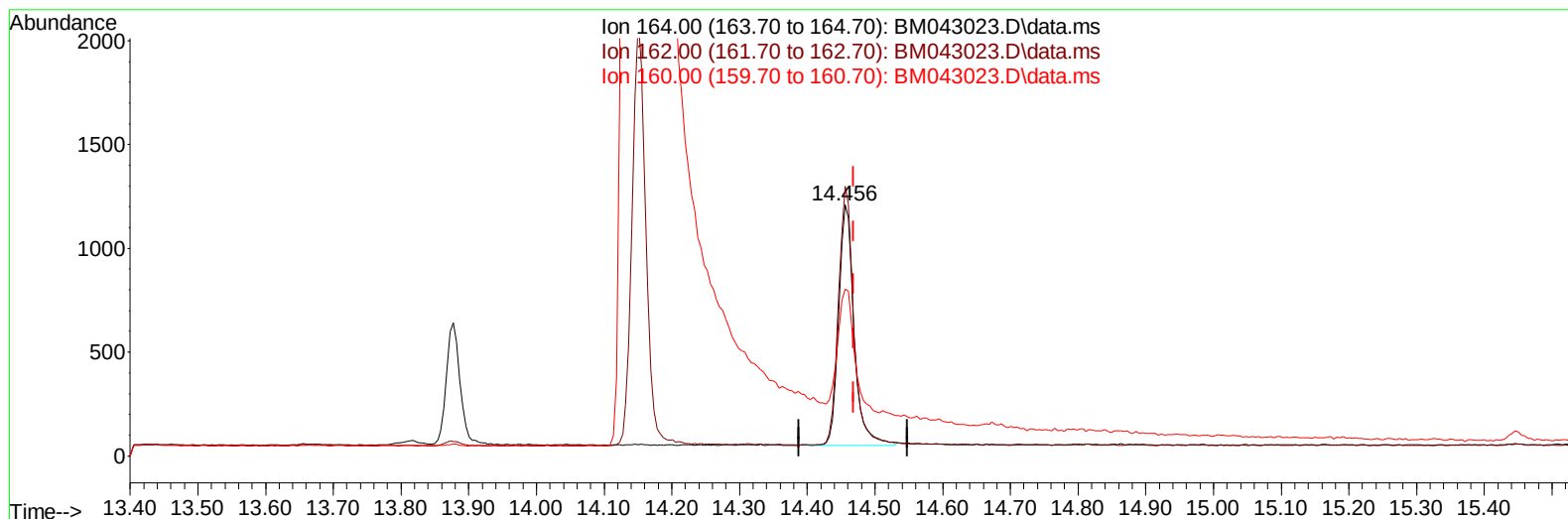
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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TIC: BM043023.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul m

response 1851

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.27
160.00	57.20	66.36
0.00	0.00	0.00

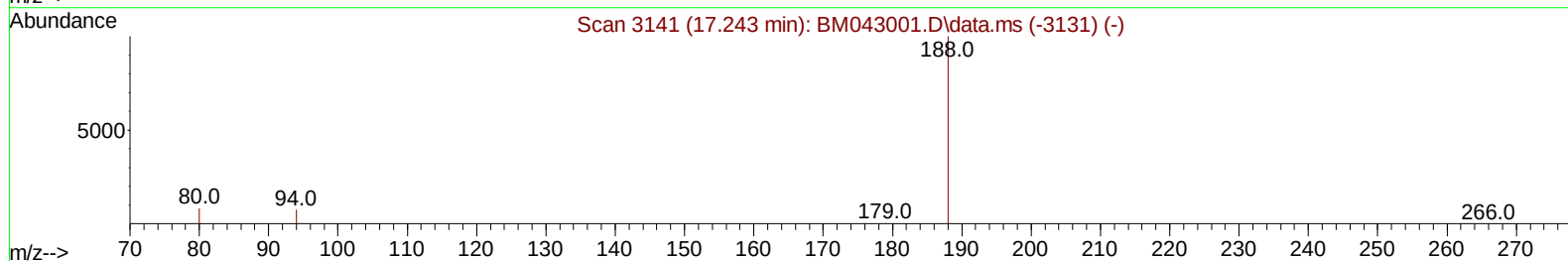
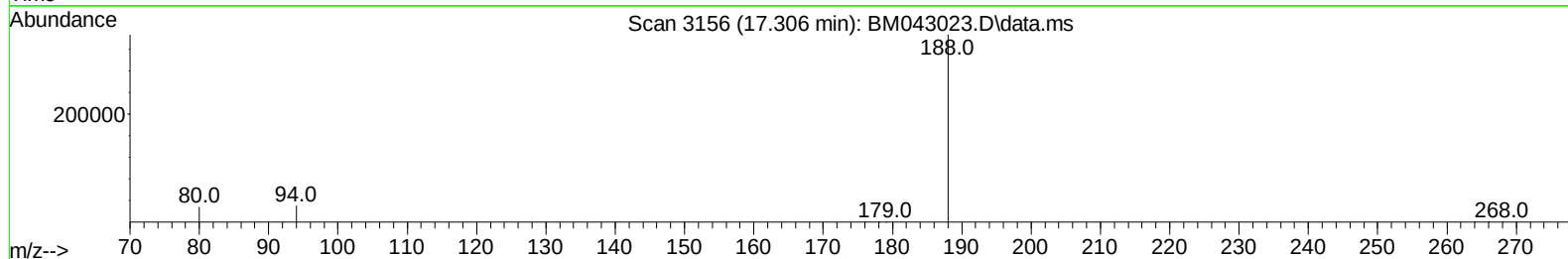
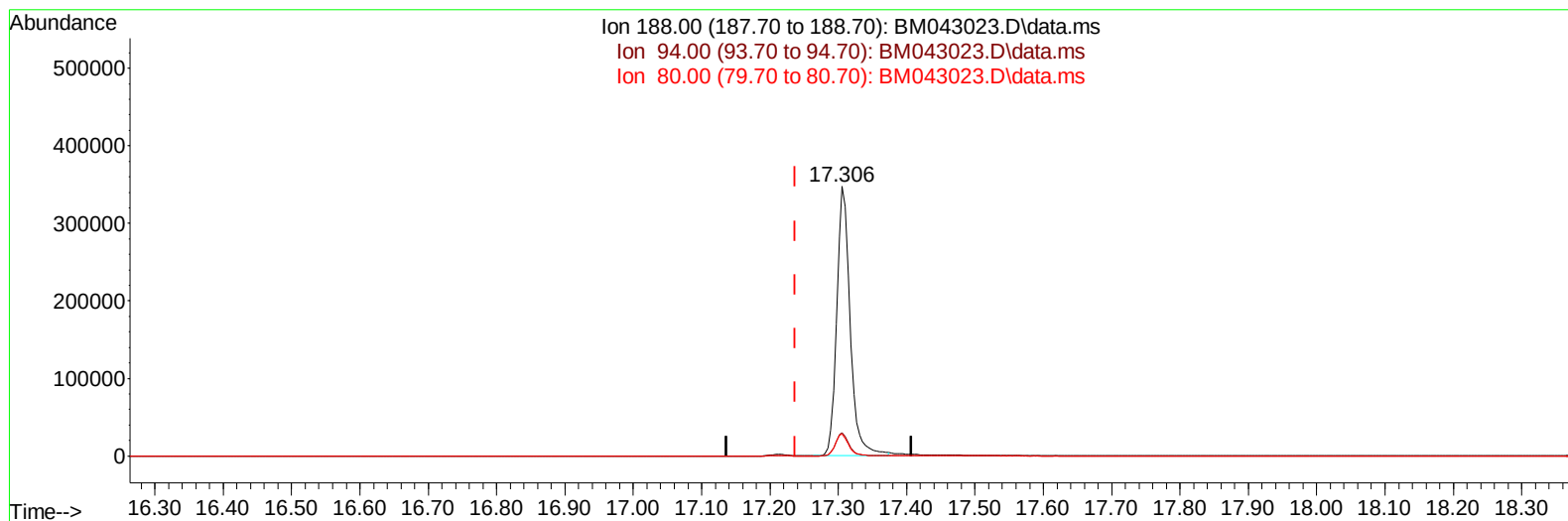
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
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TIC: BM043023.D\data.ms

(13) Phenanthrene-d10 (I)

17.306min (+ 0.069) 0.40 ng/u1

response 471332

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.74#
80.00	12.70	8.15#
0.00	0.00	0.00

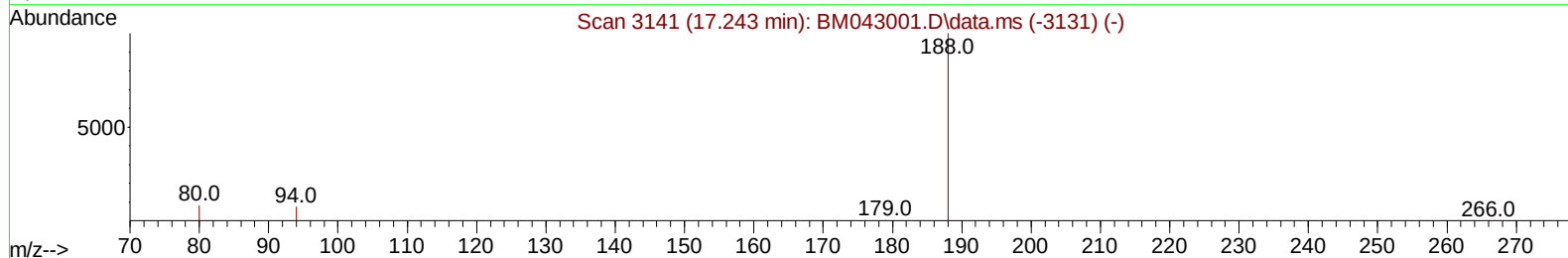
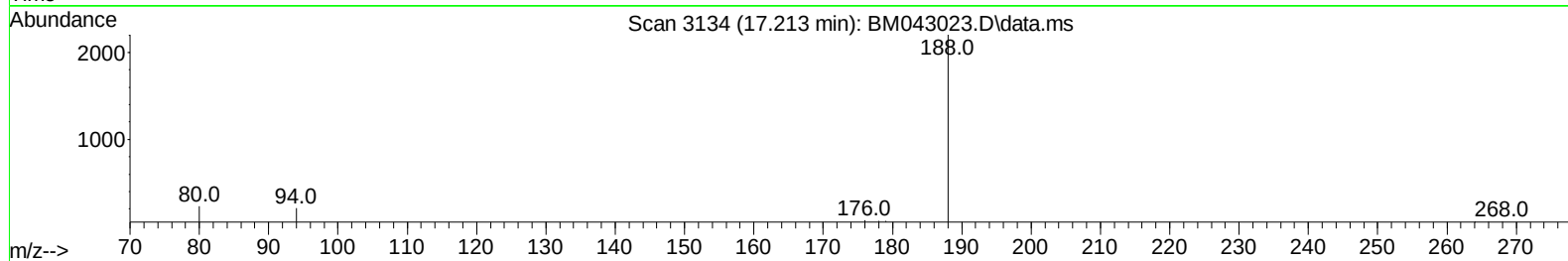
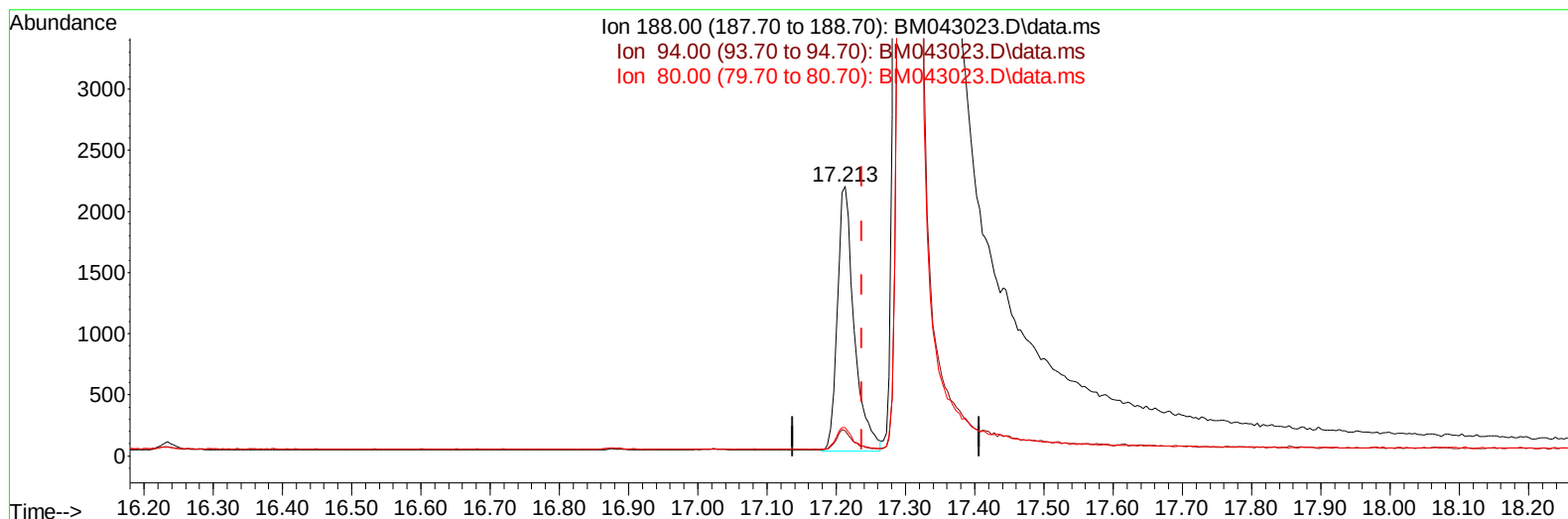
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
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Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043023.D\data.ms

(13) Phenanthrene-d10 (I)

17.213min (-0.024) 0.40 ng/ul m

response 3646

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.39
80.00	12.70	10.48
0.00	0.00	0.00

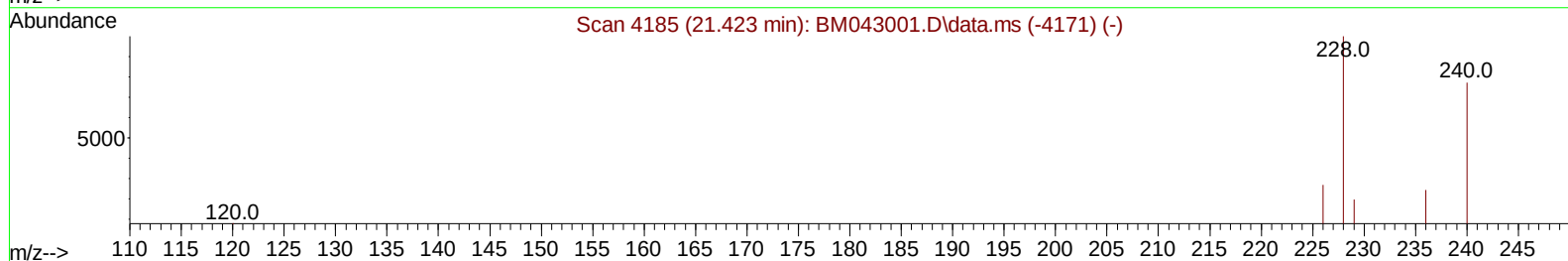
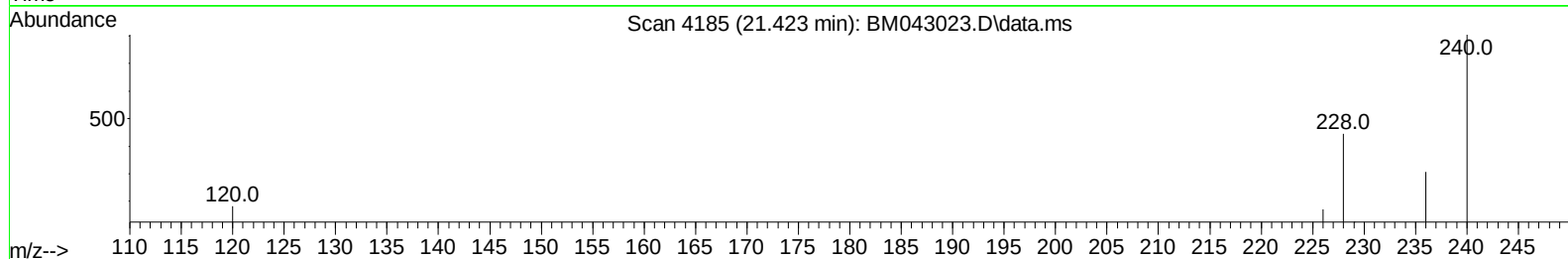
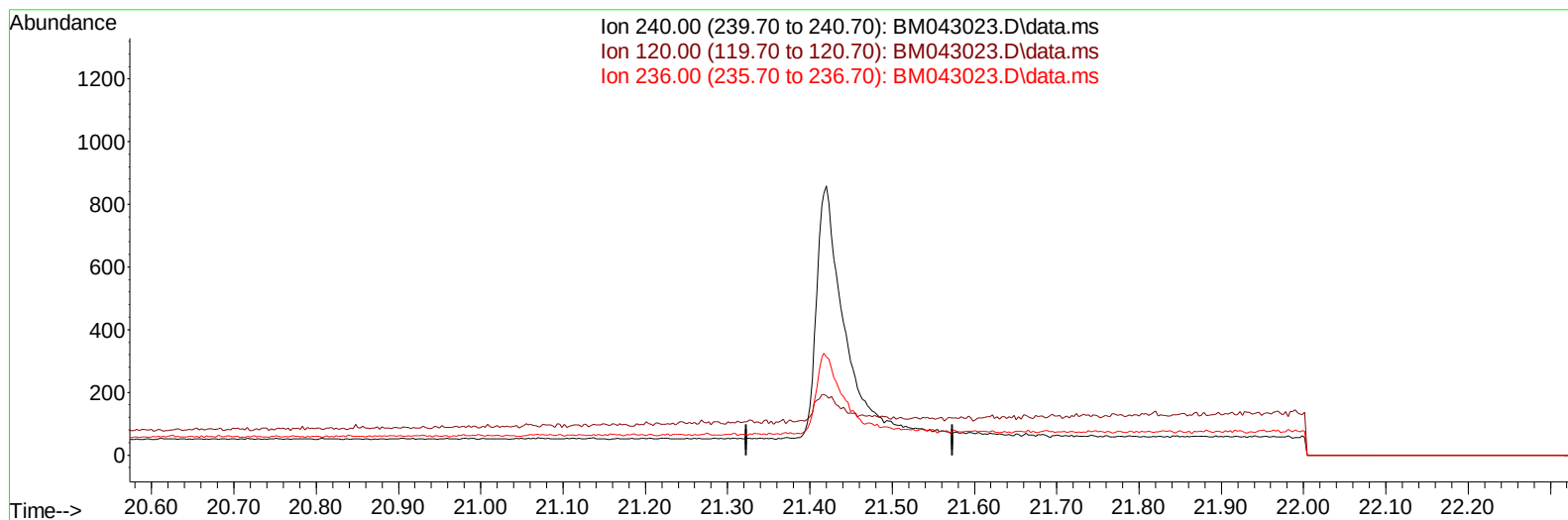
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
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TIC: BM043023.D\data.ms

(17) Chrysene-d12

21.424min (-21.424) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

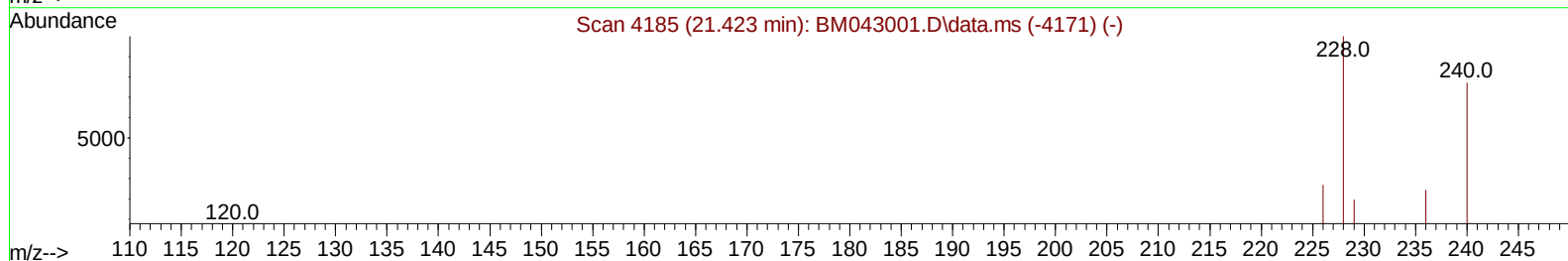
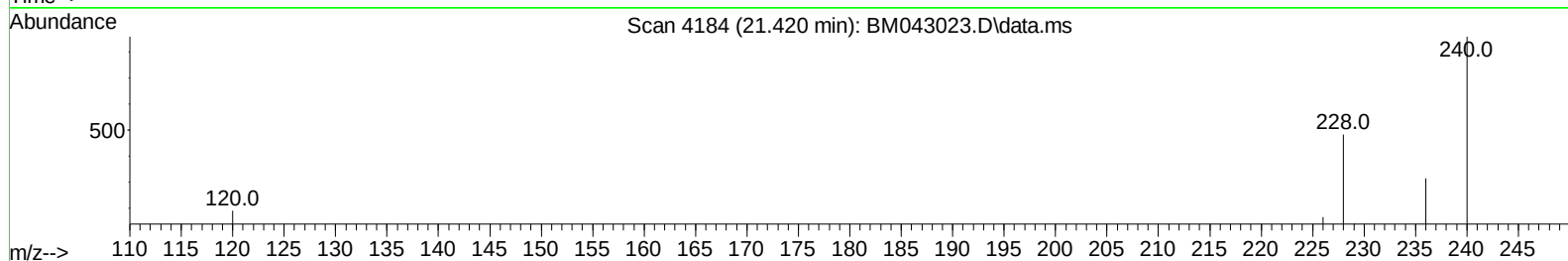
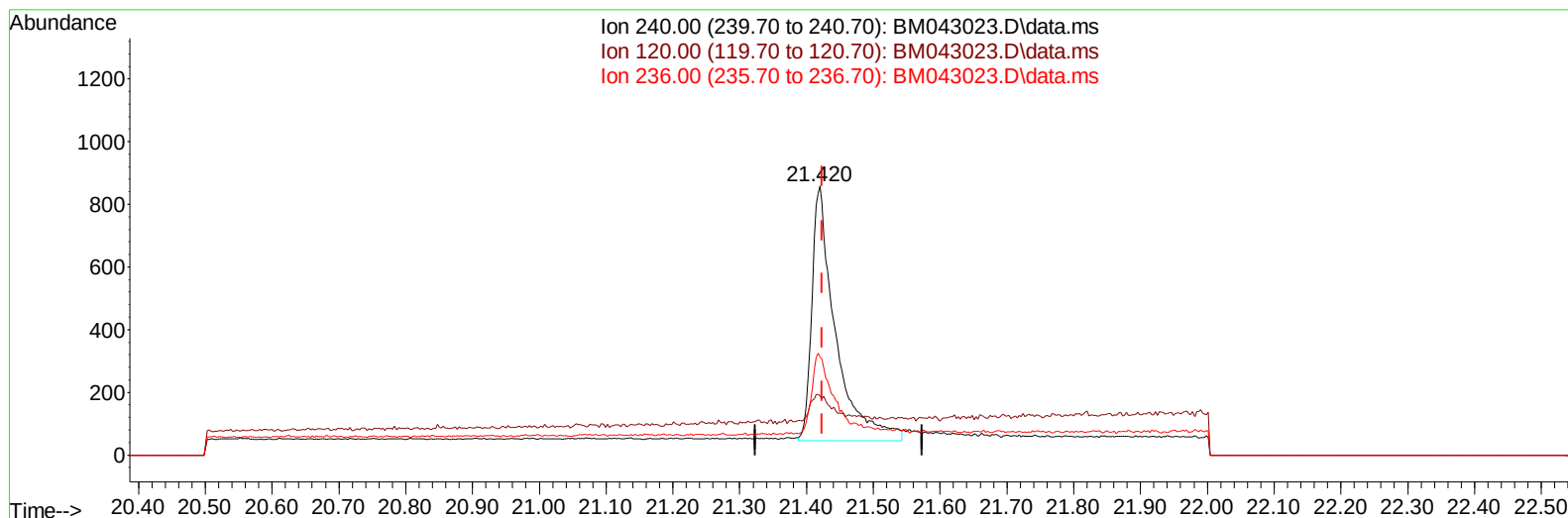
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
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TIC: BM043023.D\data.ms

(17) Chrysene-d12

21.420min (-0.003) 0.40 ng/ul m

response 2000

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.14
236.00	38.50	36.48
0.00	0.00	0.00

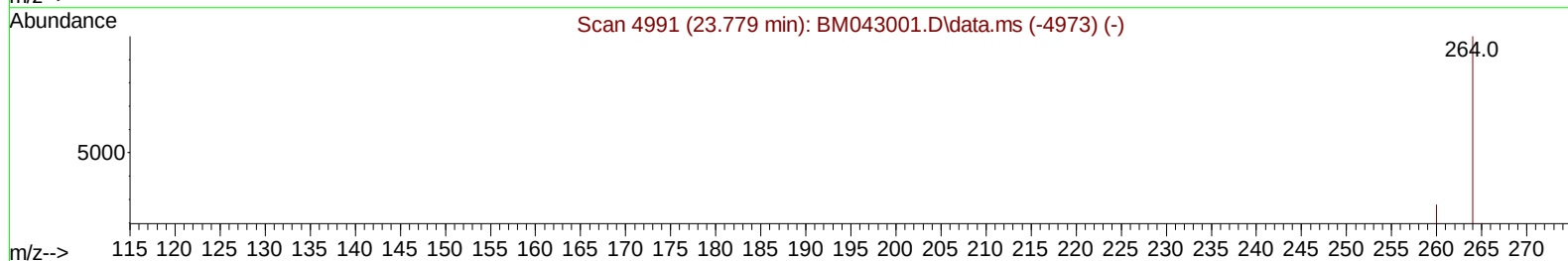
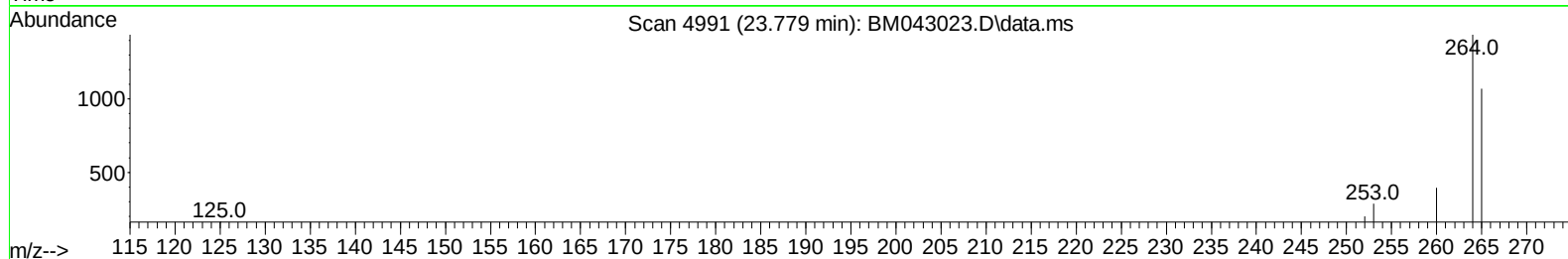
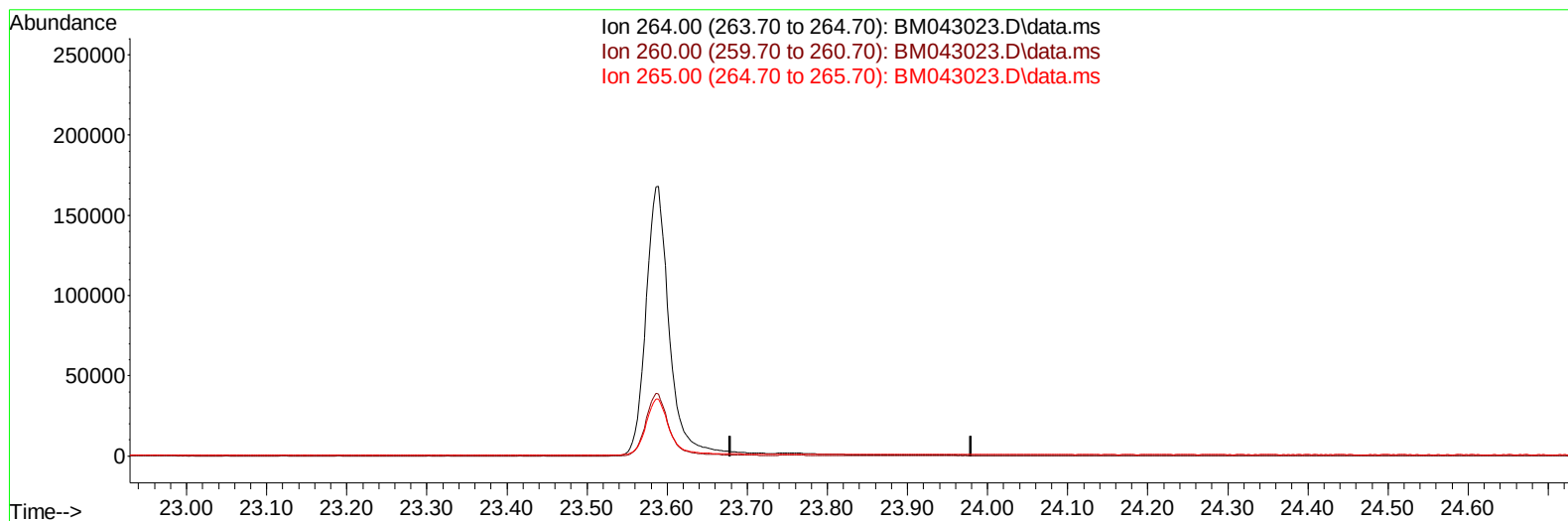
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual IntegrationsAPPROVED

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TIC: BM043023.D\data.ms

(23) Perylene-d12 (I)

23.779min (-23.779) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	33.90	0.00#
265.00	120.30	0.00#
0.00	0.00	0.00

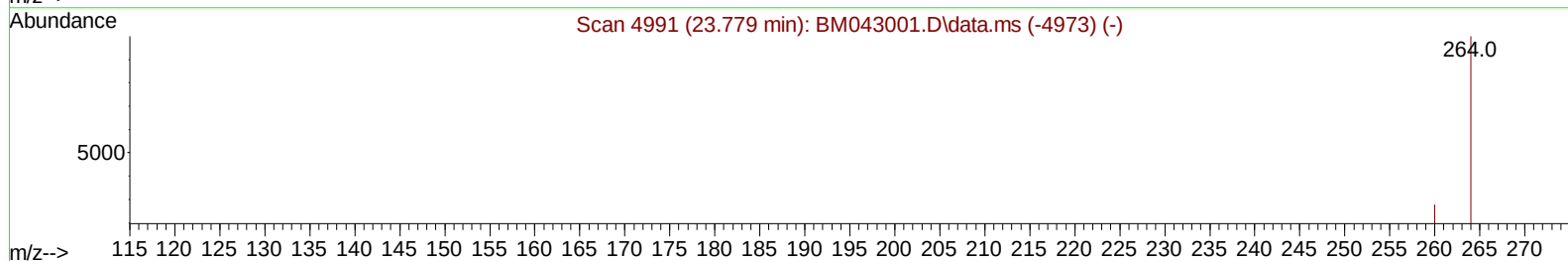
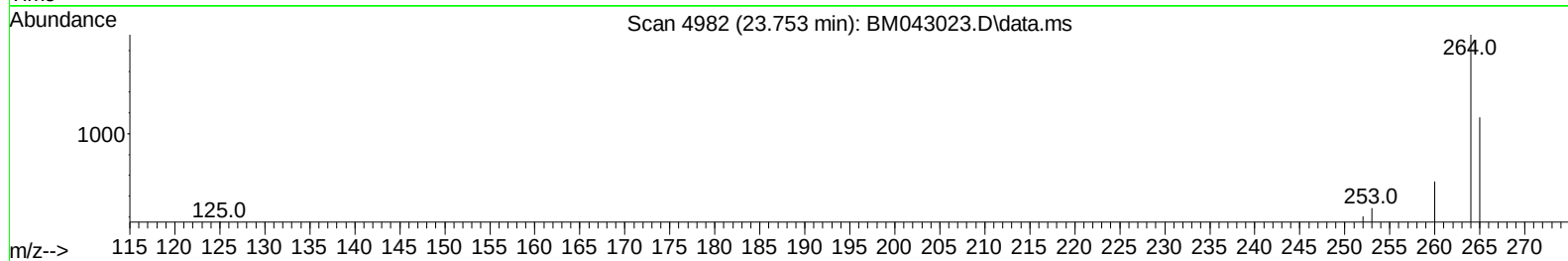
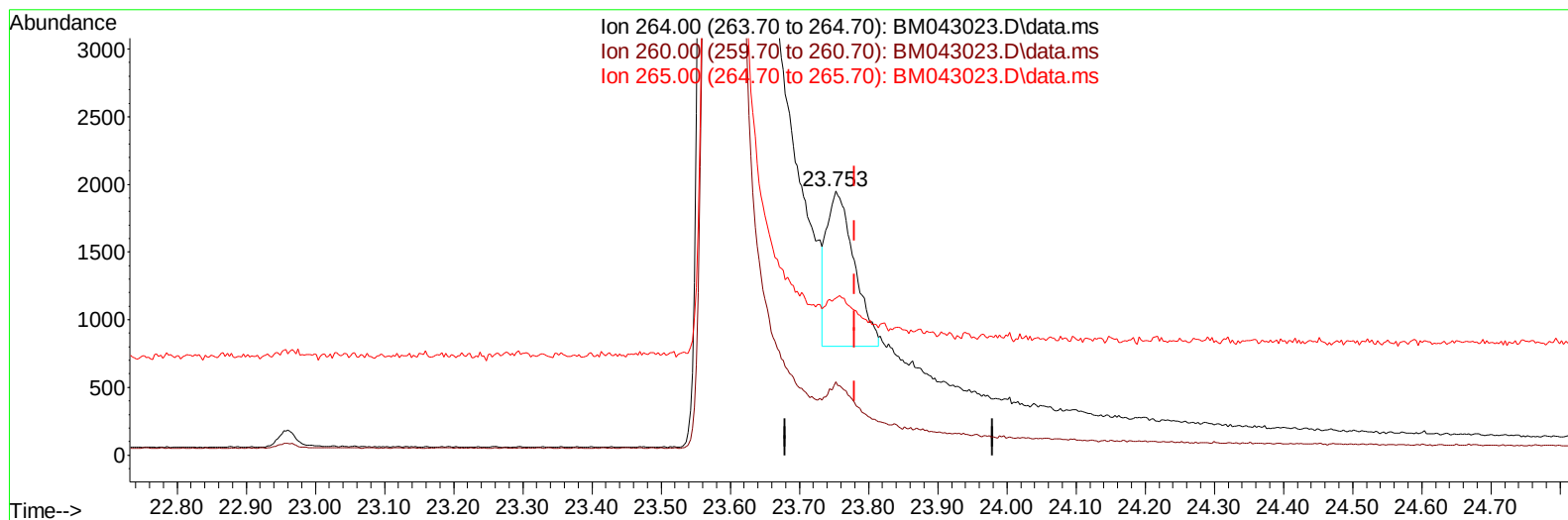
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

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TIC: BM043023.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/ul m

response 3201

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.78
265.00	120.30	59.51#
0.00	0.00	0.00

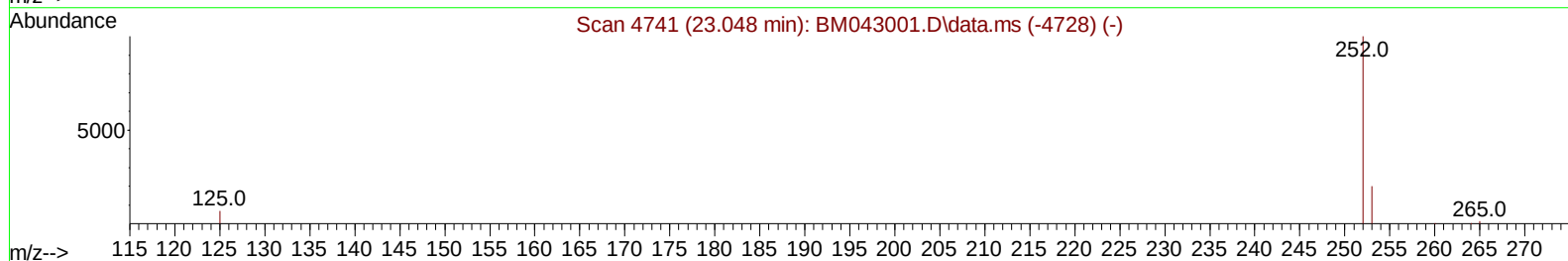
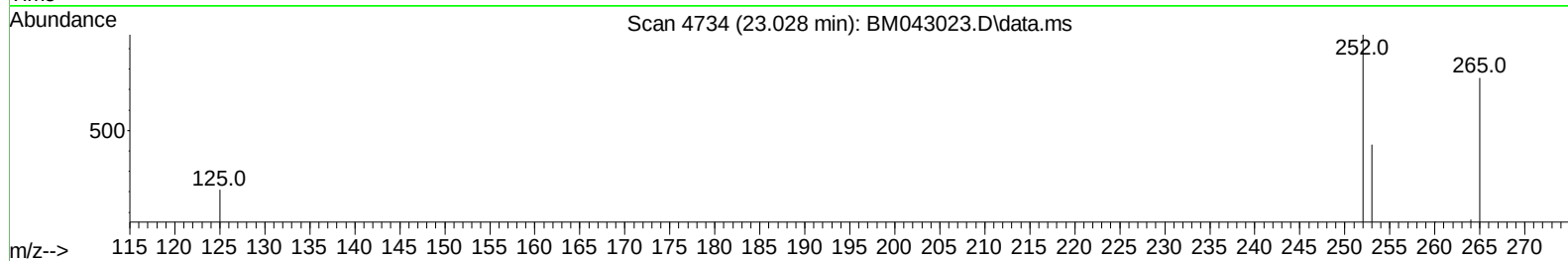
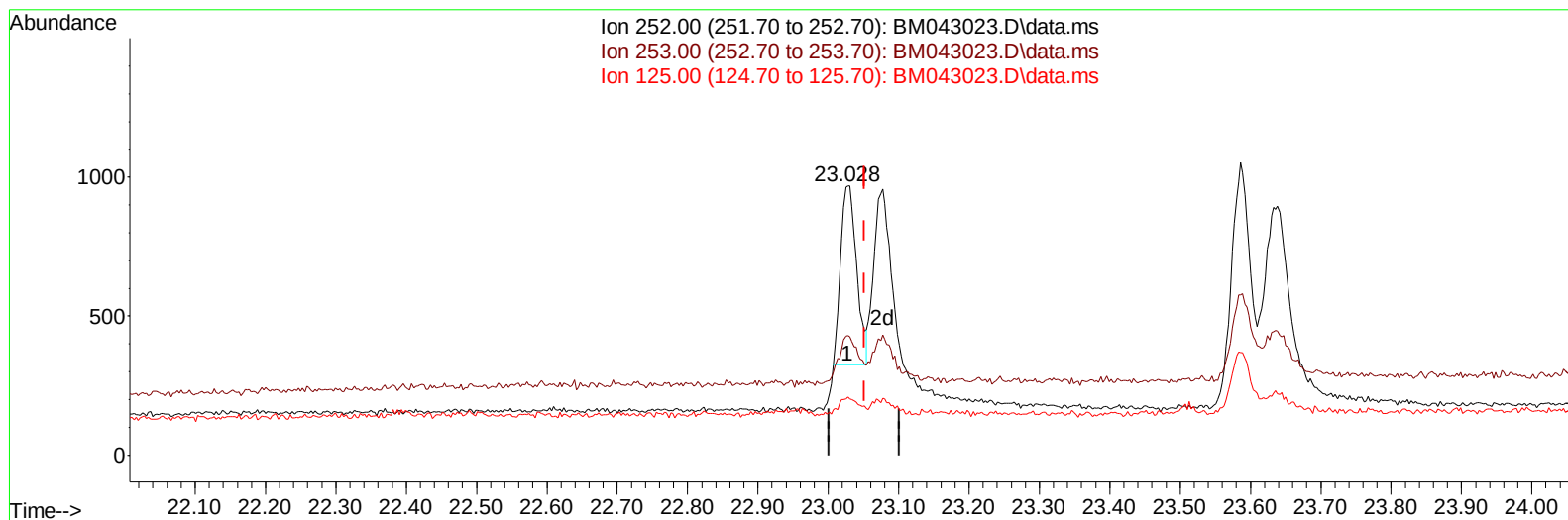
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 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043023.D\data.ms

(24) Benzo(b)fluoranthene

23.028min (-0.024) 0.09 ng/u1

response 1024

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	44.52
125.00	14.50	21.59
0.00	0.00	0.00

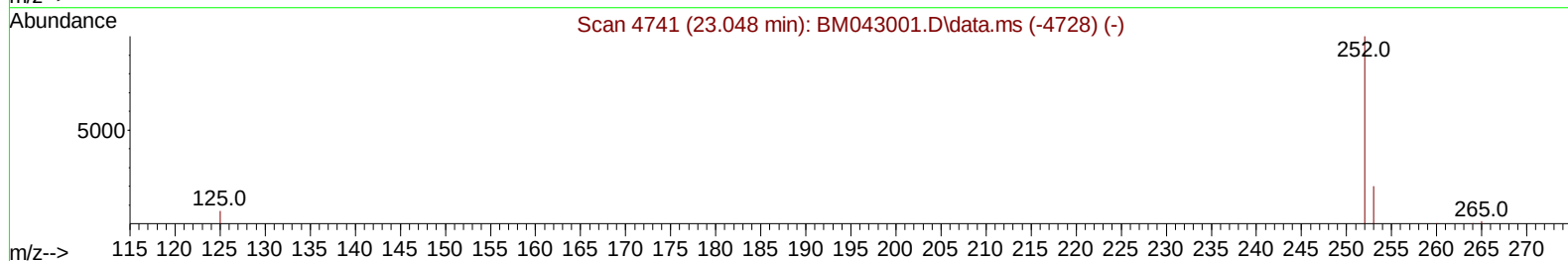
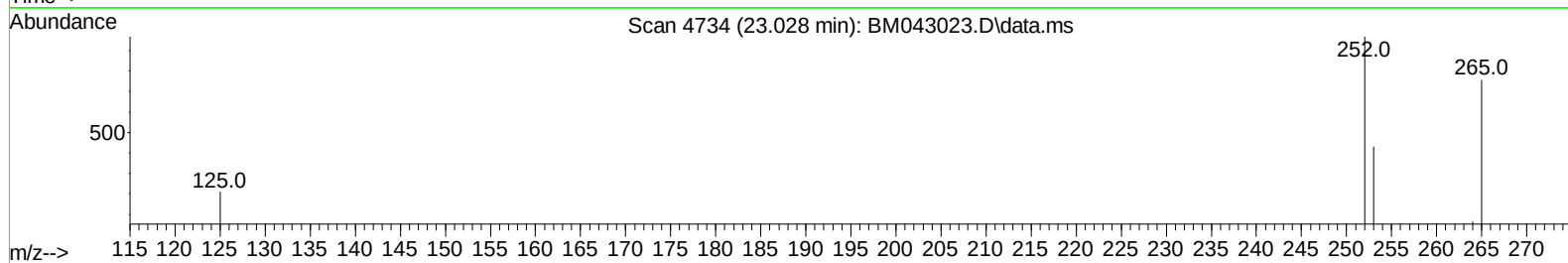
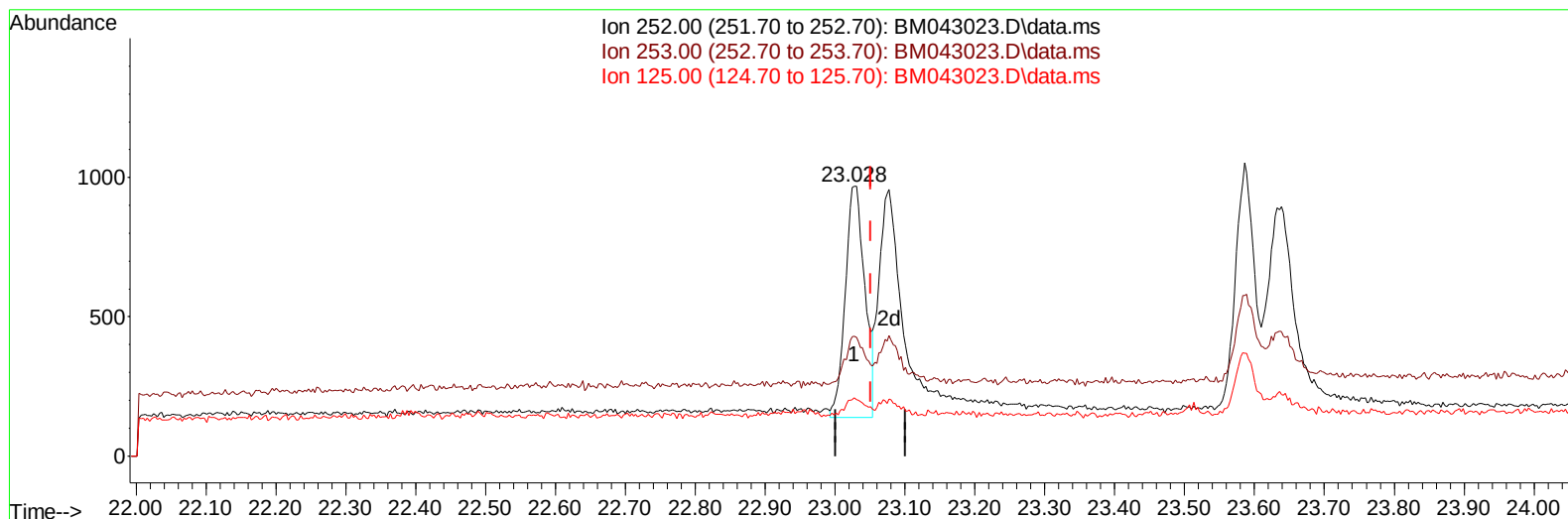
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM043023.D
 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
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 Response via : Initial Calibration

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 Supervised By :mohammad ahmed 11/28/2023



TIC: BM043023.D\data.ms

(24) Benzo(b)fluoranthene

23.028min (-0.024) 0.15 ng/ul m

response 1626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	44.52
125.00	14.50	21.59
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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 Acq On : 25 Nov 2023 19:51
 Operator : MA/JU
 Sample : 05264-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.813	152		852m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136		2700	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164		1851m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188		3646m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.420	240		2000m	0.400	ng/ul	0.00
23) Perylene-d12	23.753	264		3201m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.159	96		4849	3.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152		1402	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.244	212		3768	0.517	ng/ul	-0.02
Target Compounds							Qvalue
19) Fluoranthene	19.276	202		481	0.042	ng/ul#	67
21) Benzo(a)anthracene	21.411	228		1073	0.165	ng/ul	93
22) Chrysene	21.458	228		1875	0.155	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252		1626m	0.151	ng/ul	
25) Benzo(k)fluoranthene	23.077	252		1731	0.116	ng/ul#	82
26) Benzo(a)pyrene	23.639	252		1707	0.145	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.248	276		1987	0.125	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.265	278		1506	0.122	ng/ul#	80
29) Benzo(g,h,i)perylene	27.013	276		1754	0.113	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043023.D
Acq On : 25 Nov 2023 19:51
Operator : MA/JU
Sample : 05264-10
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKP8

Manual IntegrationsAPPROVED

Quant Time: Nov 27 04:29:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

