

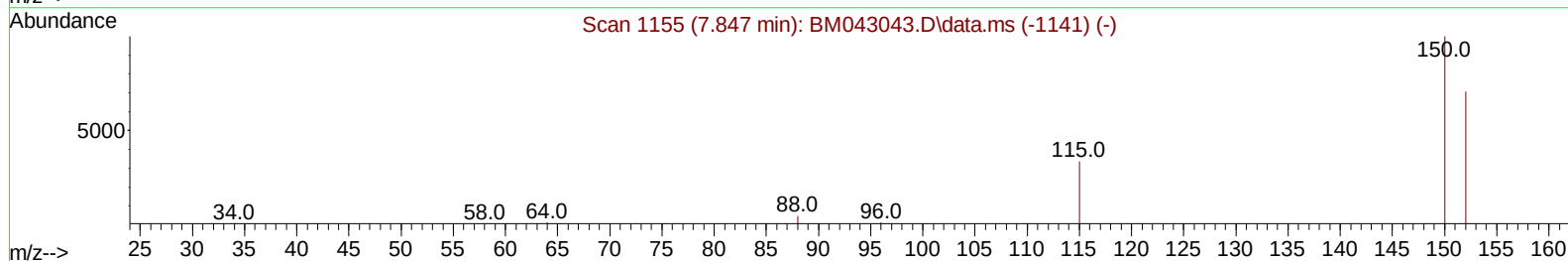
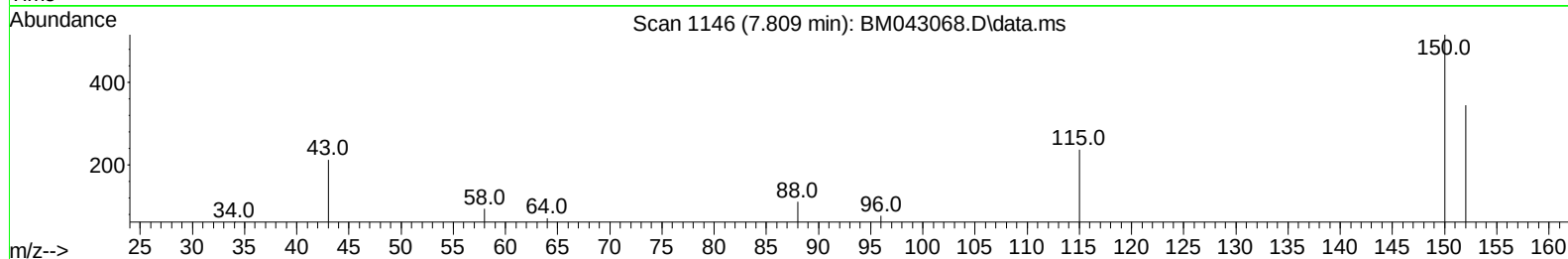
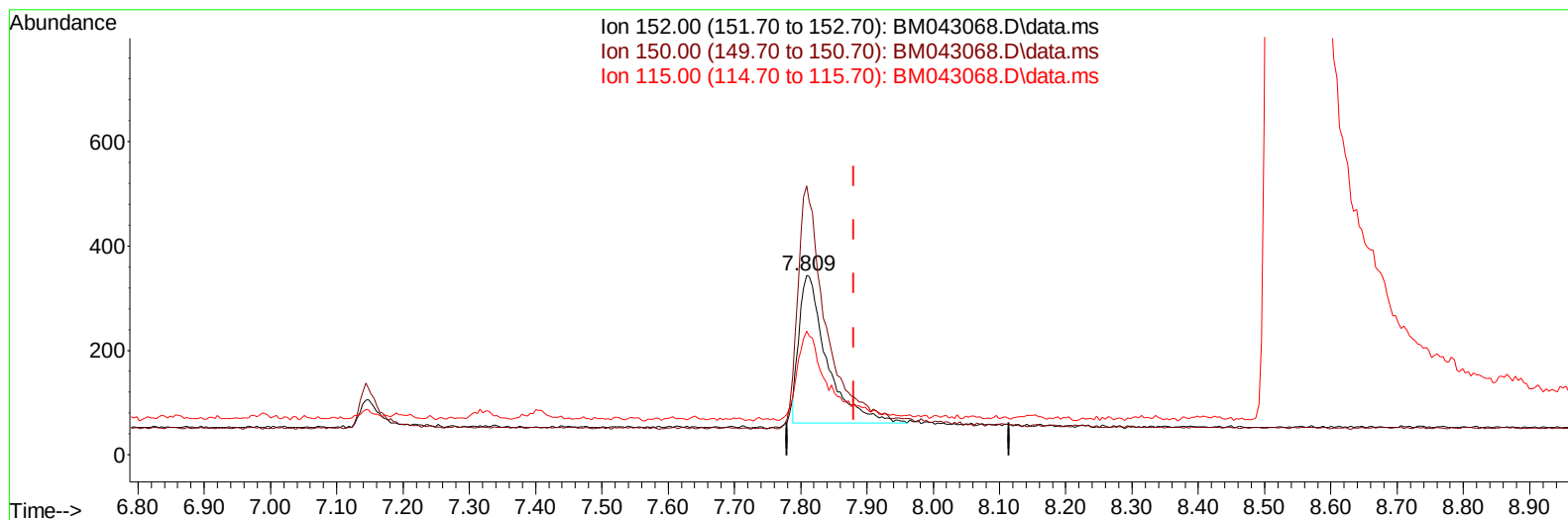
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:30:41 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 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



TIC: BM043068.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul

response 823

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.71#
115.00	89.60	68.90#
0.00	0.00	0.00

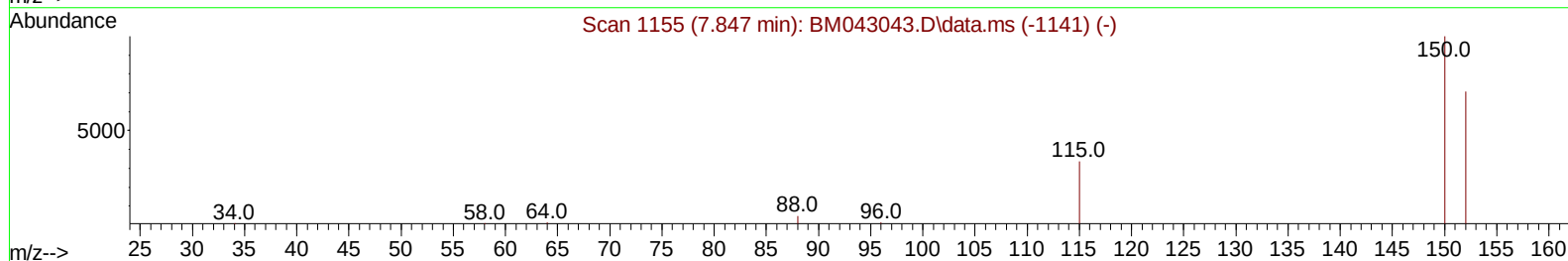
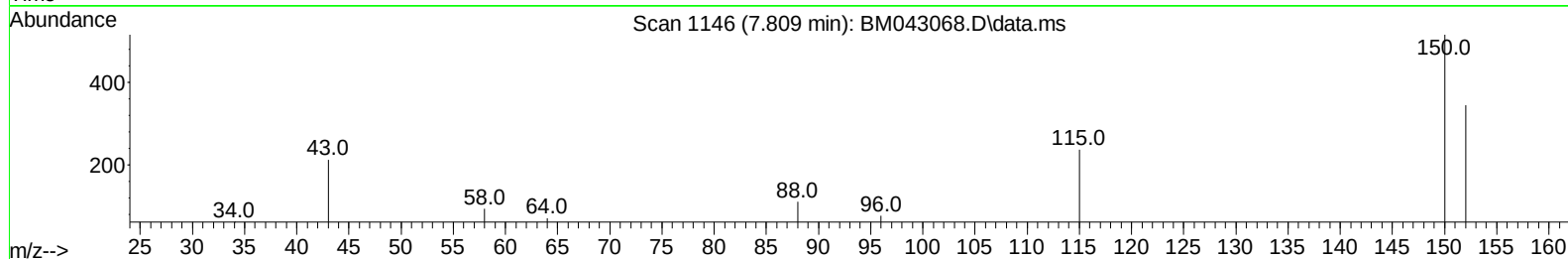
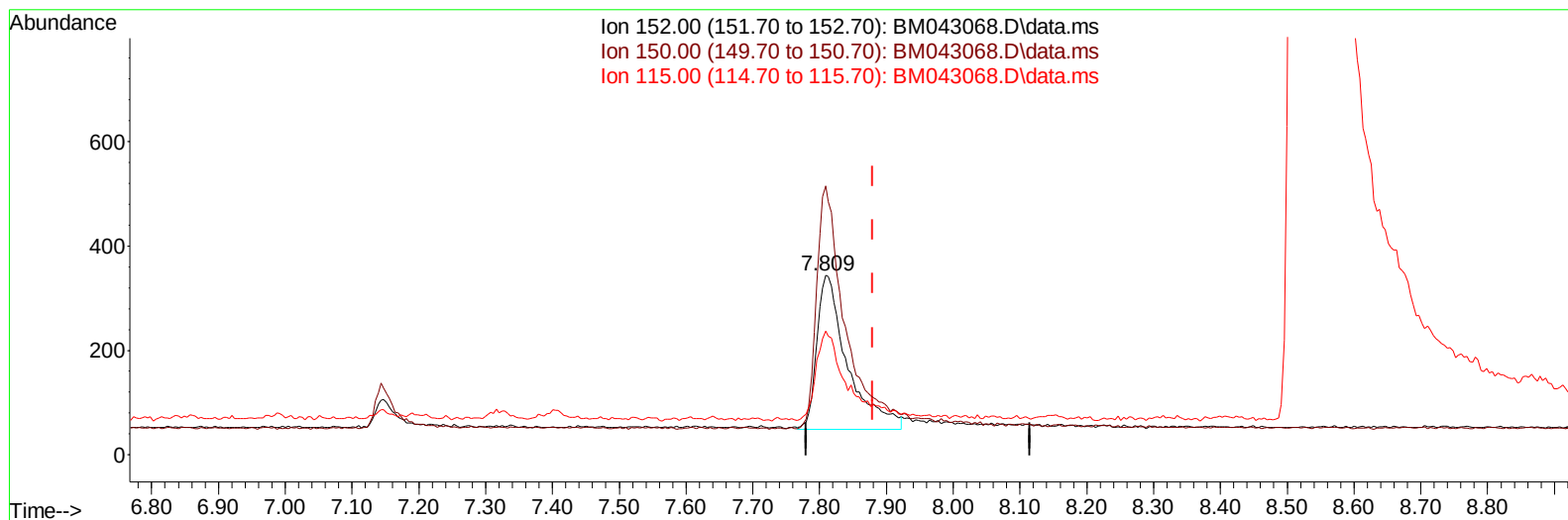
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
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Instrument :
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TIC: BM043068.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 938

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.71#
115.00	89.60	68.90#
0.00	0.00	0.00

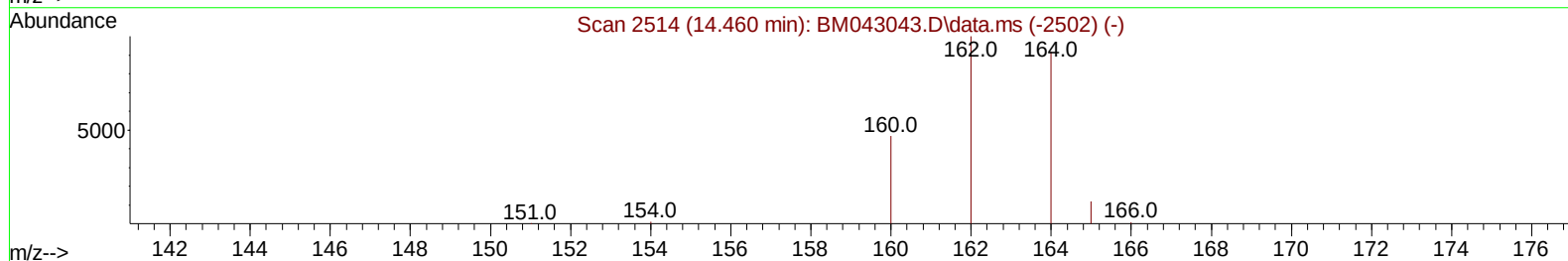
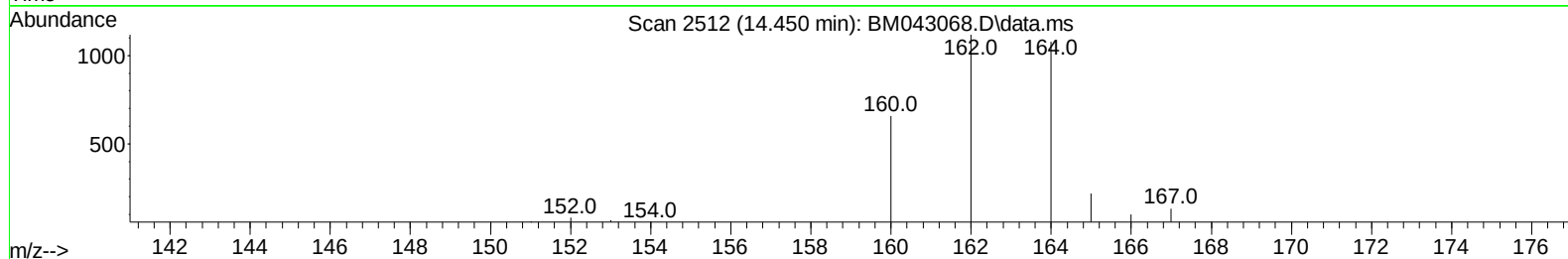
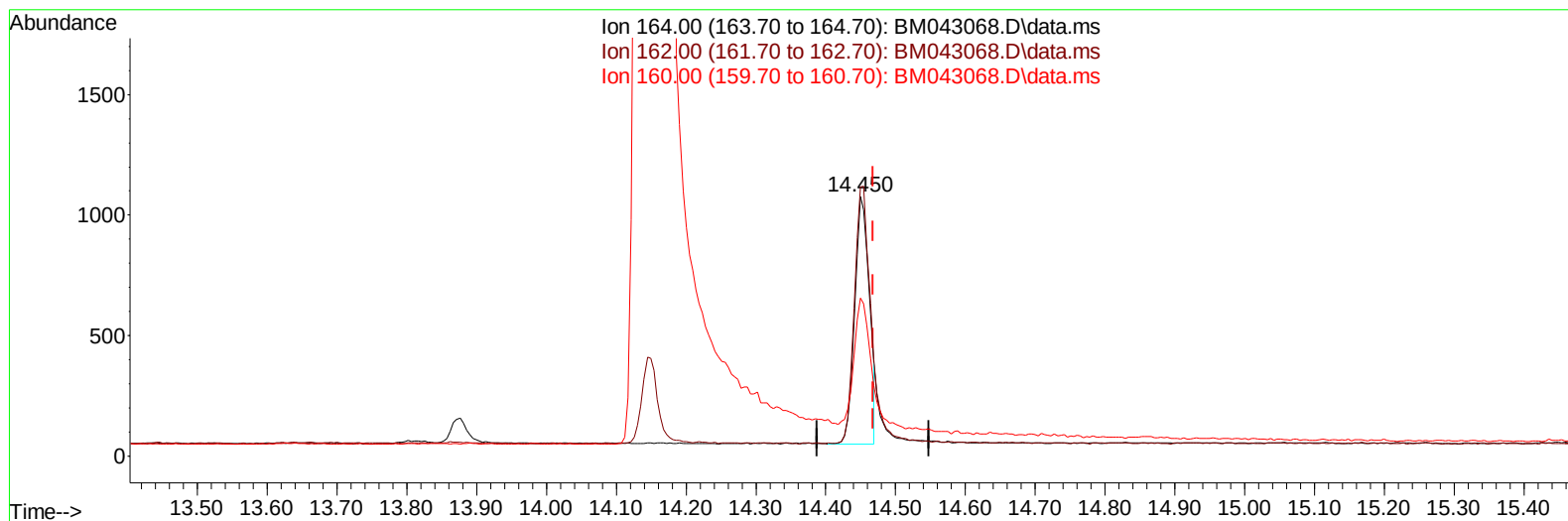
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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TIC: BM043068.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/u1

response 1488

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	103.81
160.00	57.20	60.91
0.00	0.00	0.00

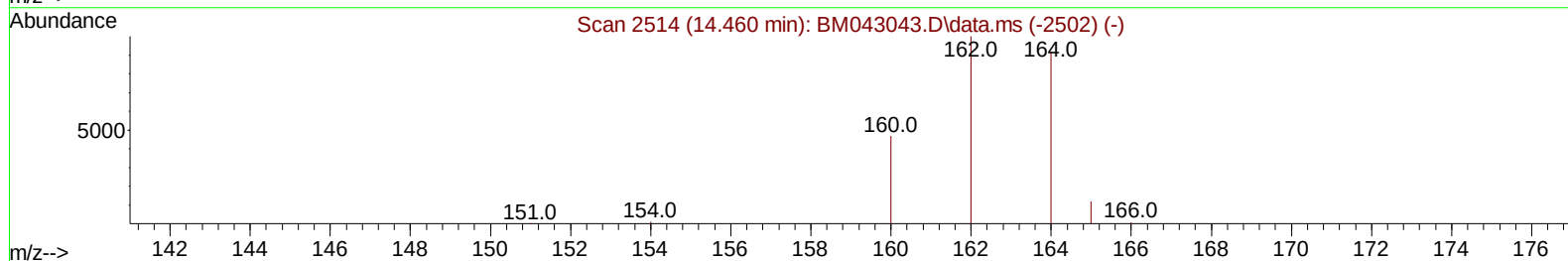
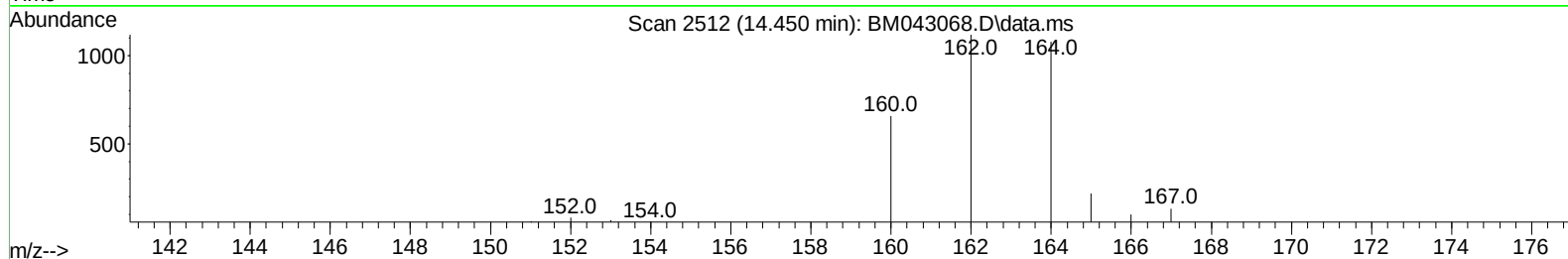
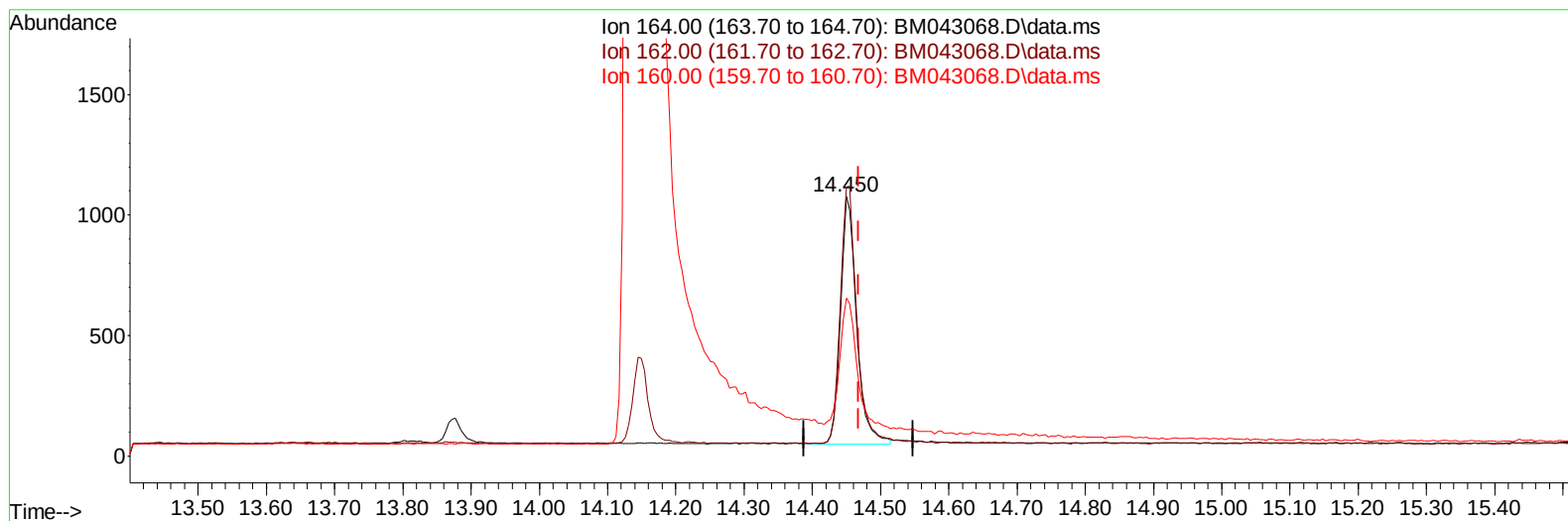
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
Operator : MA/JU
Sample : 05416-25
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:30:41 2023
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TIC: BM043068.D\data.ms

(9) Acenaphthene-d10 (I)

14.450min (-0.018) 0.40 ng/ul m

response 1663

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	103.81
160.00	57.20	60.91
0.00	0.00	0.00

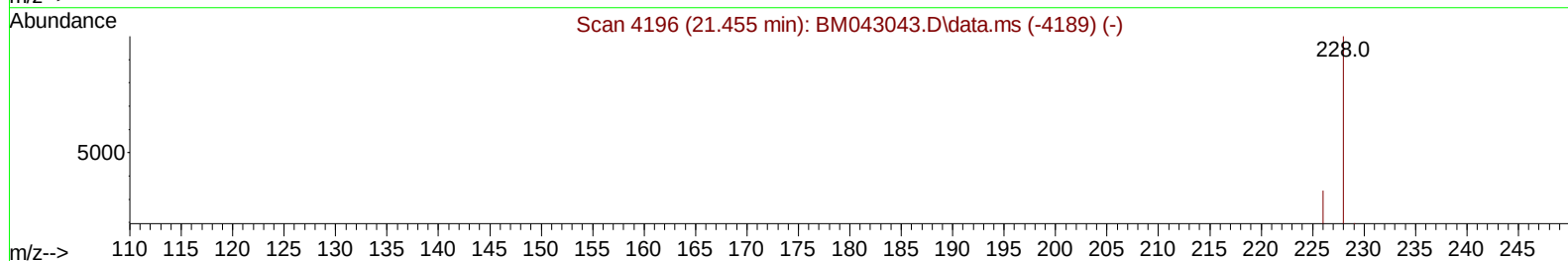
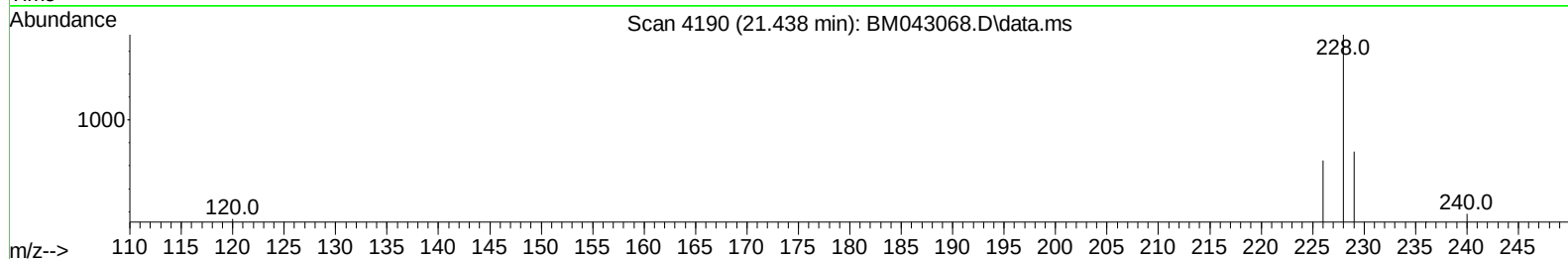
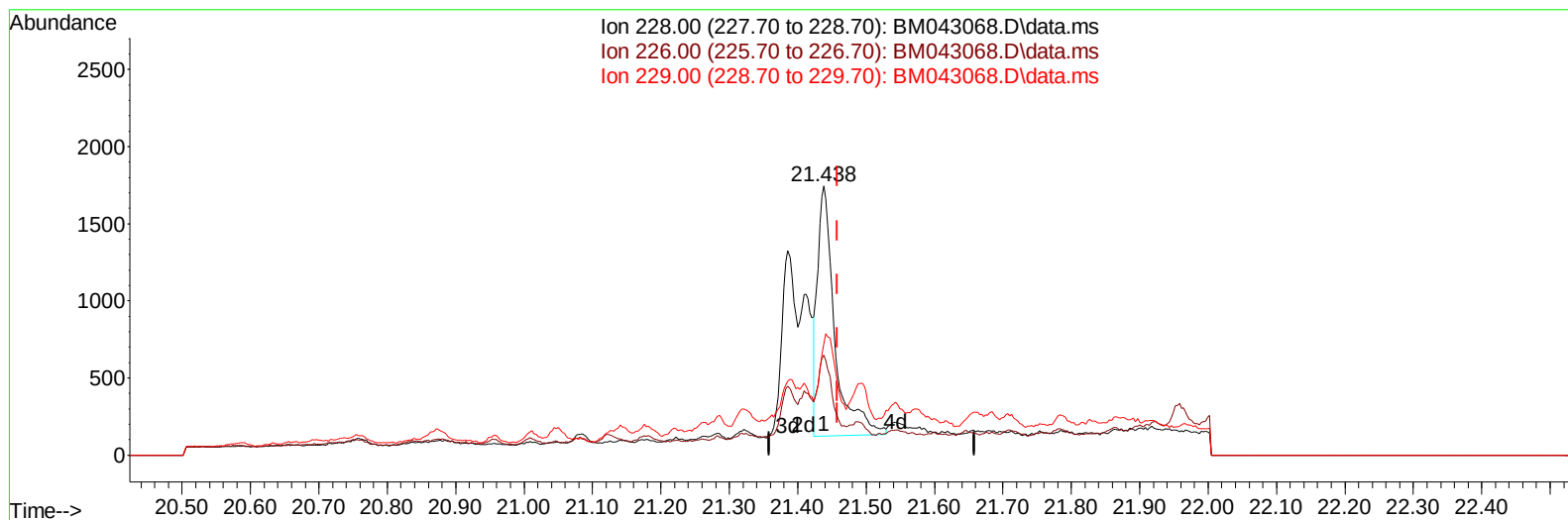
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043068.D\data.ms

(22) Chrysene

21.438min (-0.020) 0.22 ng/u1

response 2833

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	37.21
229.00	22.50	41.46#
0.00	0.00	0.00

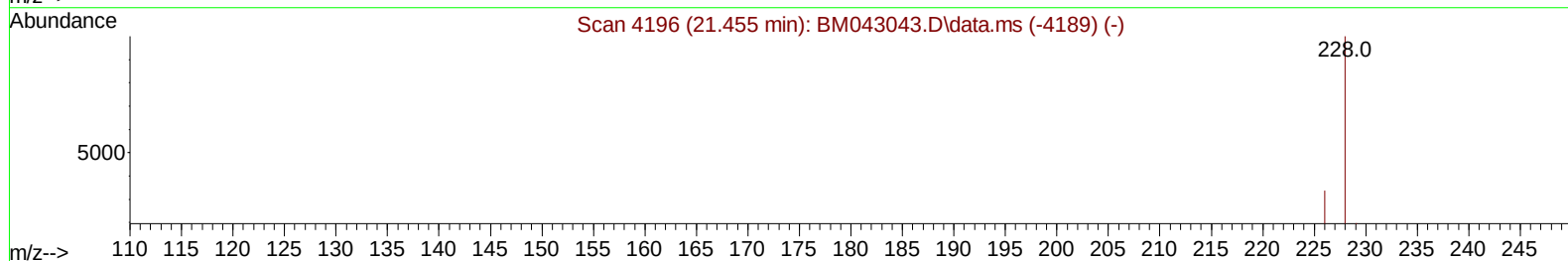
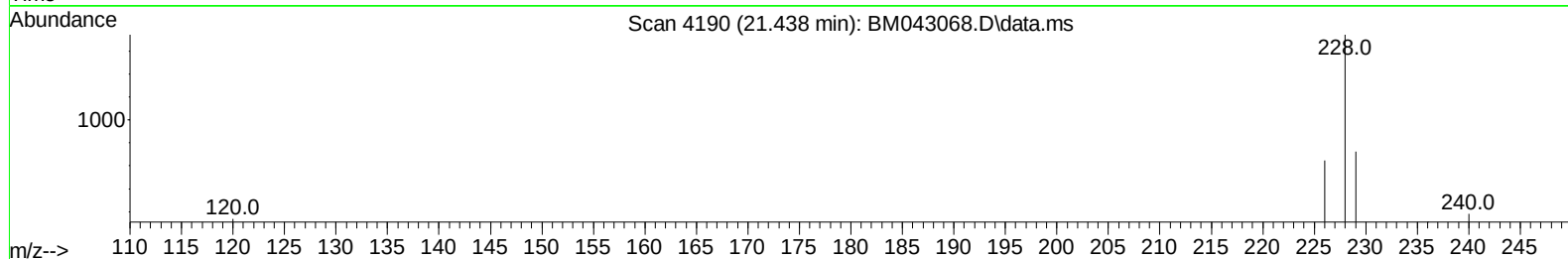
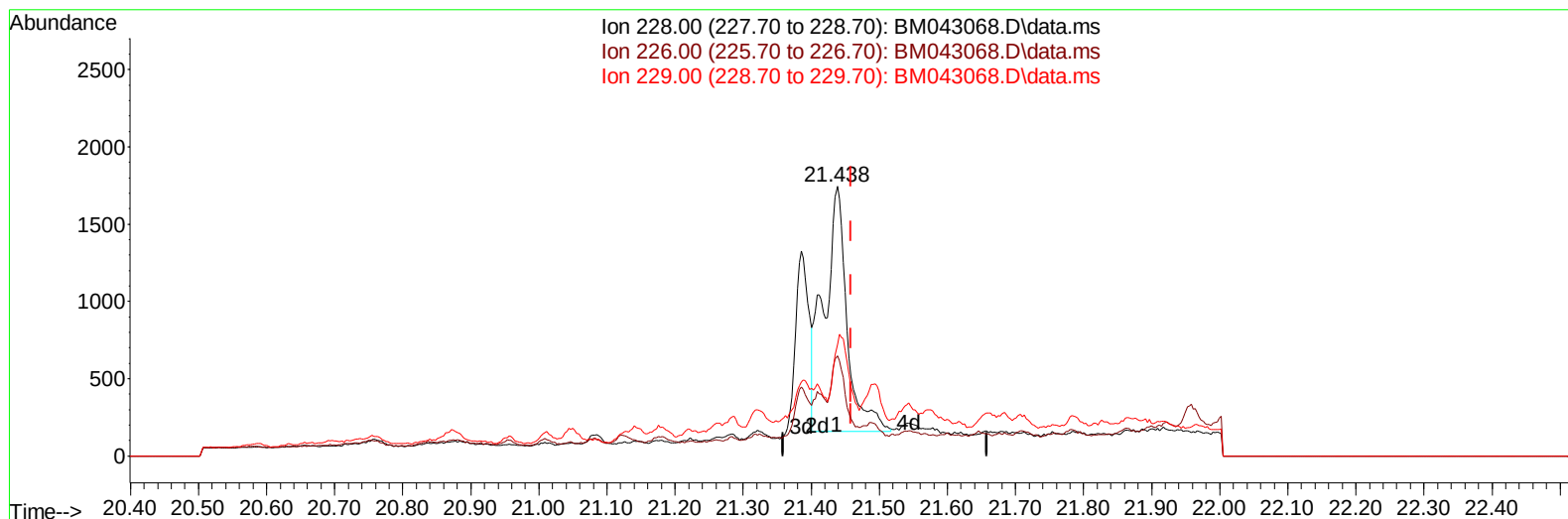
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:30:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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TIC: BM043068.D\data.ms

(22) Chrysene

21.438min (-0.020) 0.29 ng/ul m

response 3741

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	37.21
229.00	22.50	41.46#
0.00	0.00	0.00

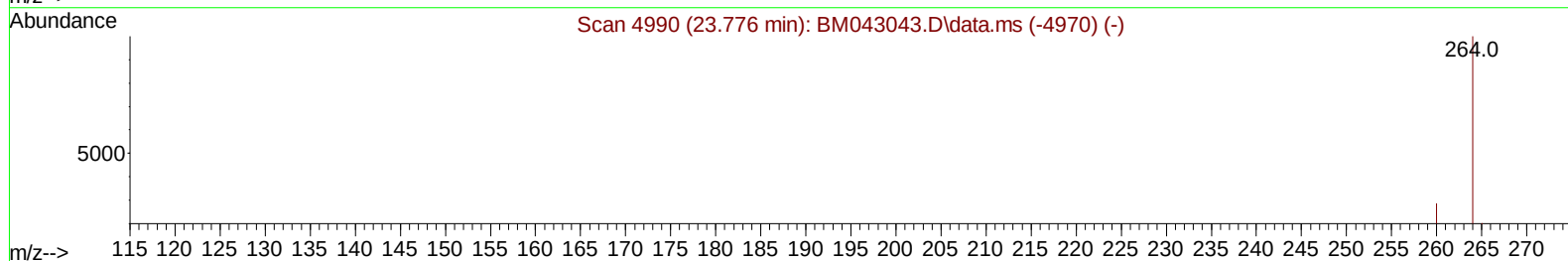
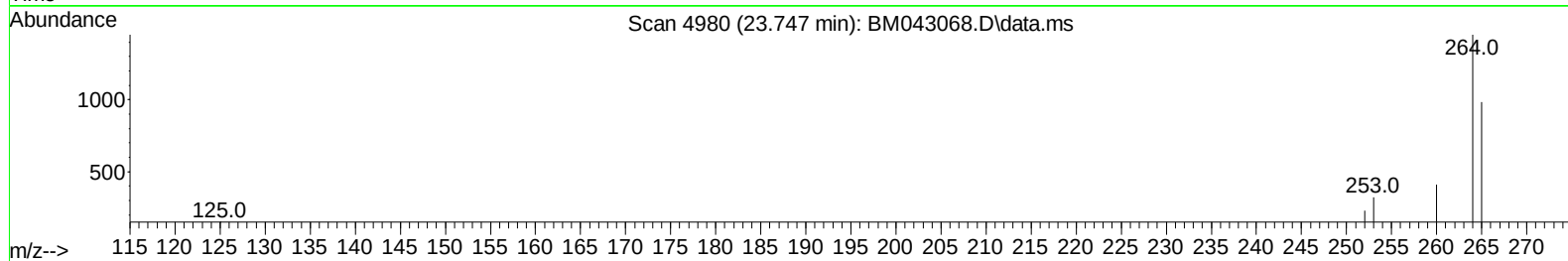
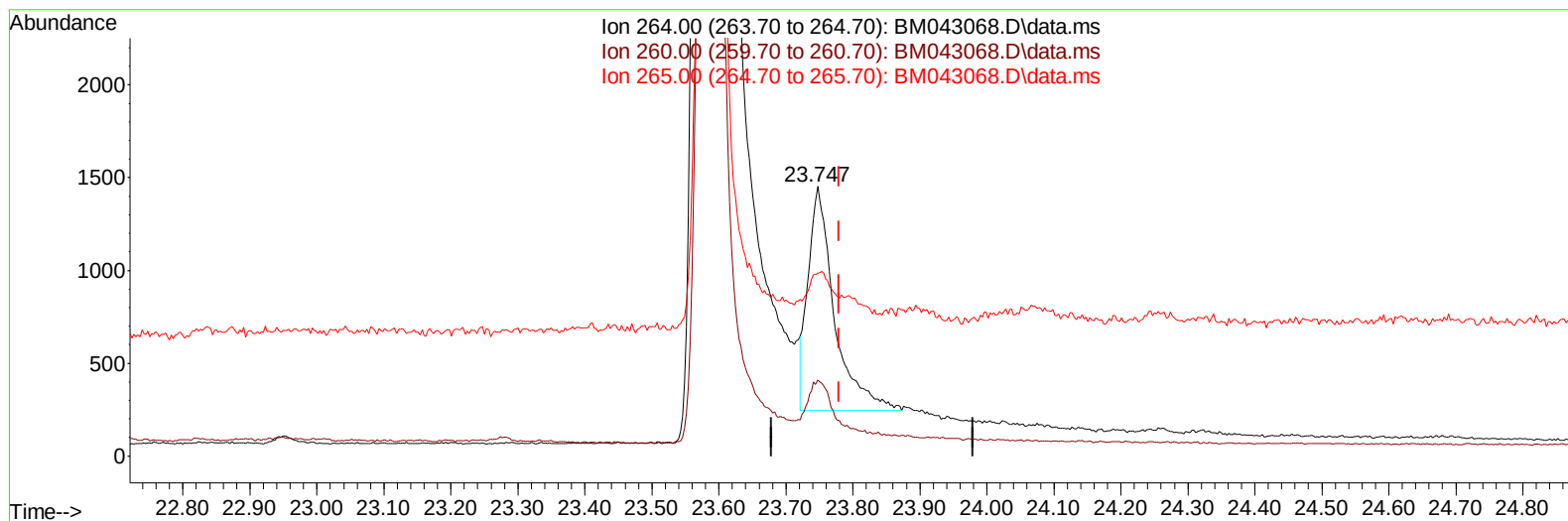
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM043068.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.032) 0.40 ng/u1

response 3303

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.24
265.00	120.30	67.91#
0.00	0.00	0.00

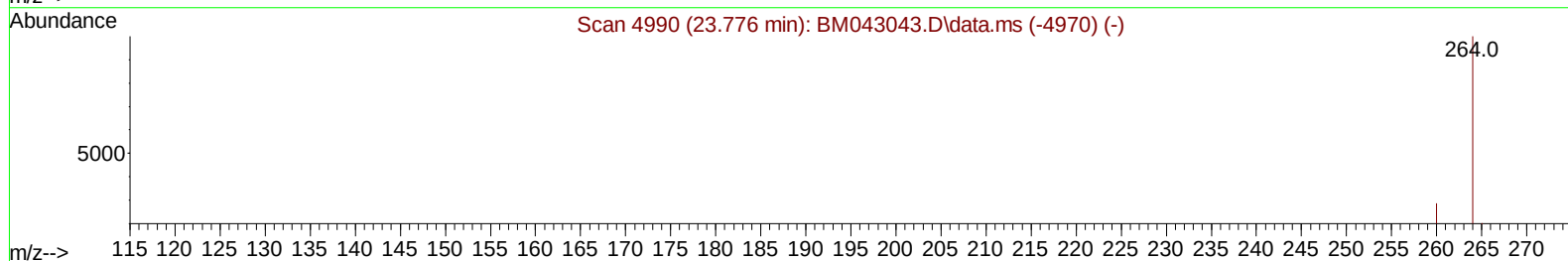
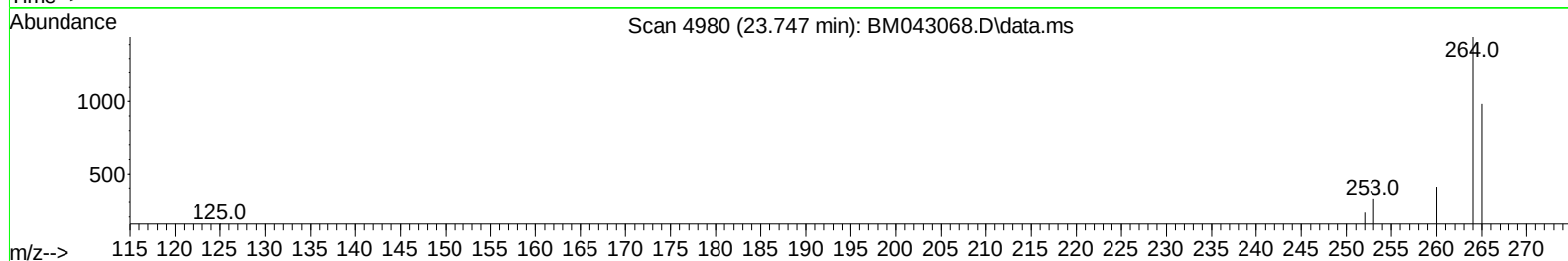
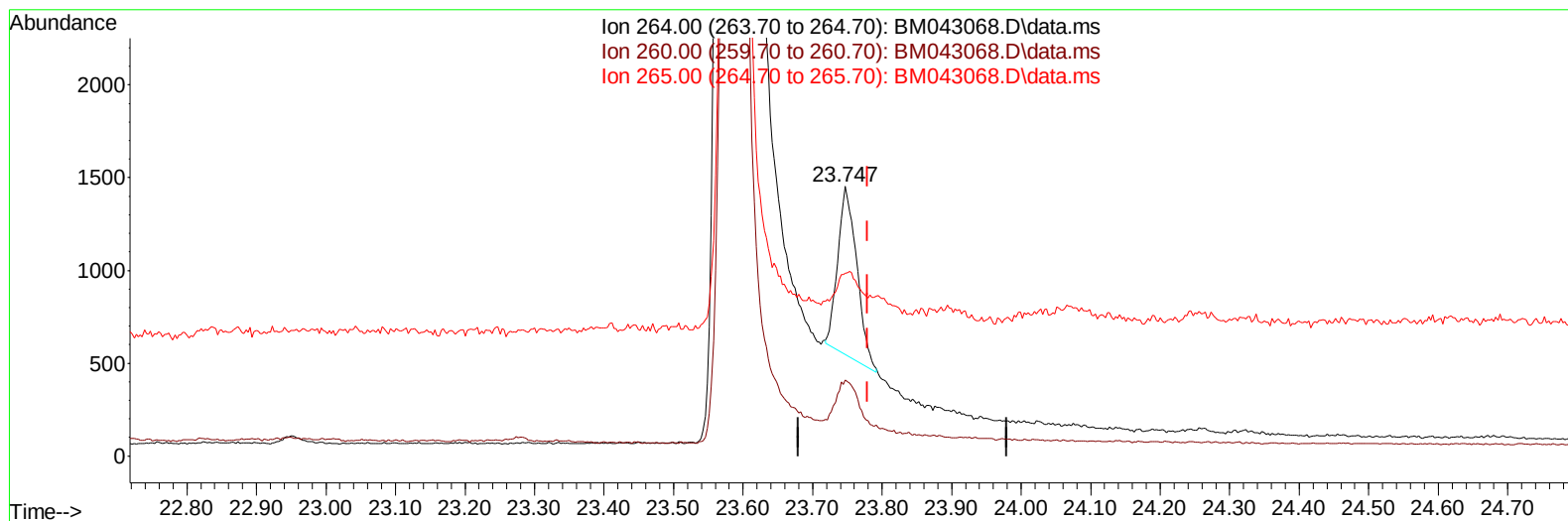
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:30:41 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

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TIC: BM043068.D\data.ms

(23) Perylene-d12 (I)

23.747min (-0.032) 0.40 ng/ul m

response 1724

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.24
265.00	120.30	67.91#
0.00	0.00	0.00

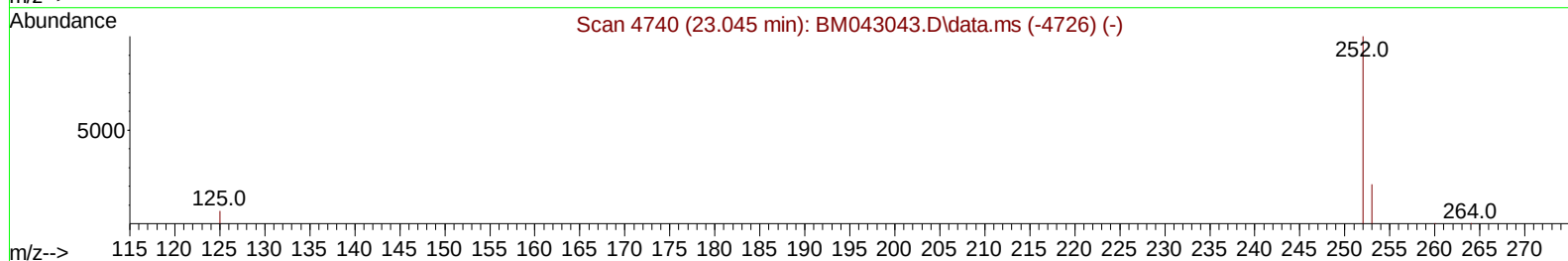
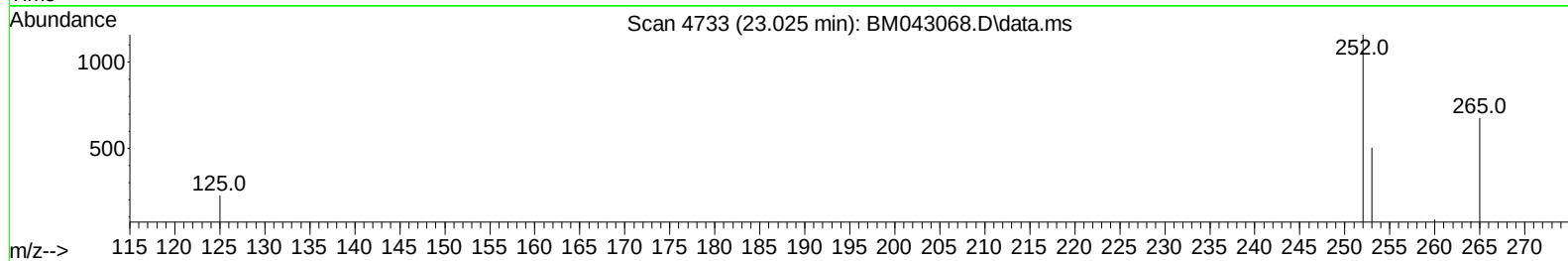
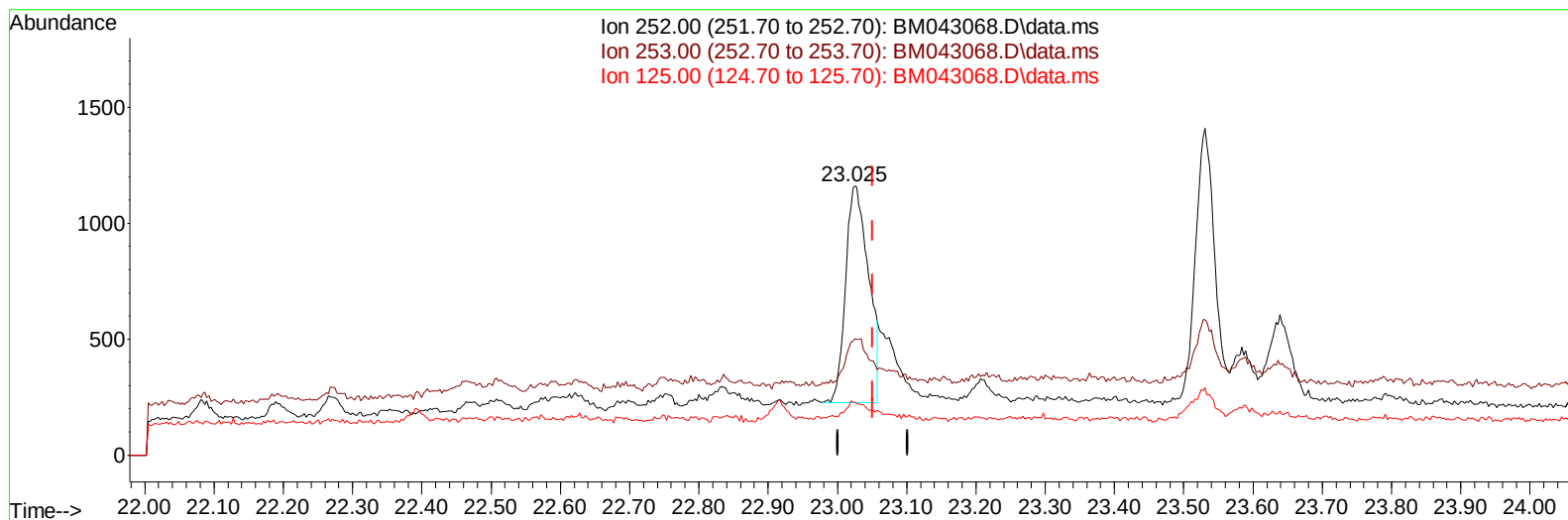
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual IntegrationsAPPROVED

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TIC: BM043068.D\data.ms

(24) Benzo(b)fluoranthene

23.025min (-0.026) 0.37 ng/u1

response 2134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	43.19
125.00	14.50	19.48
0.00	0.00	0.00

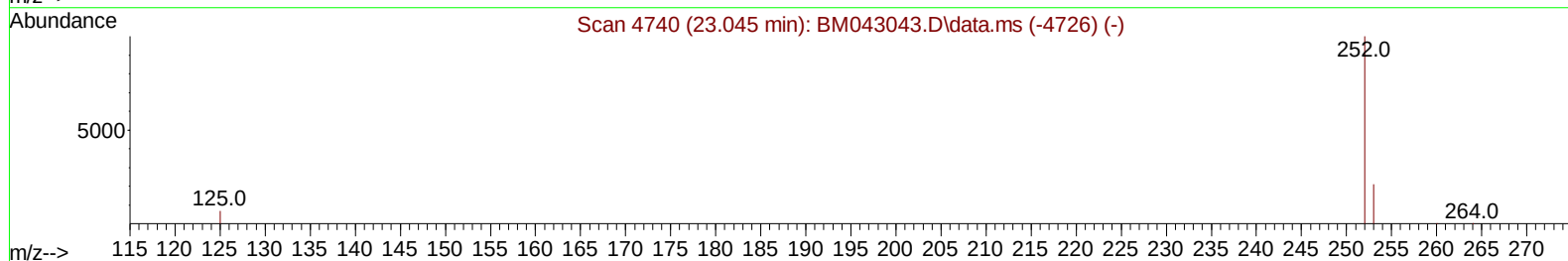
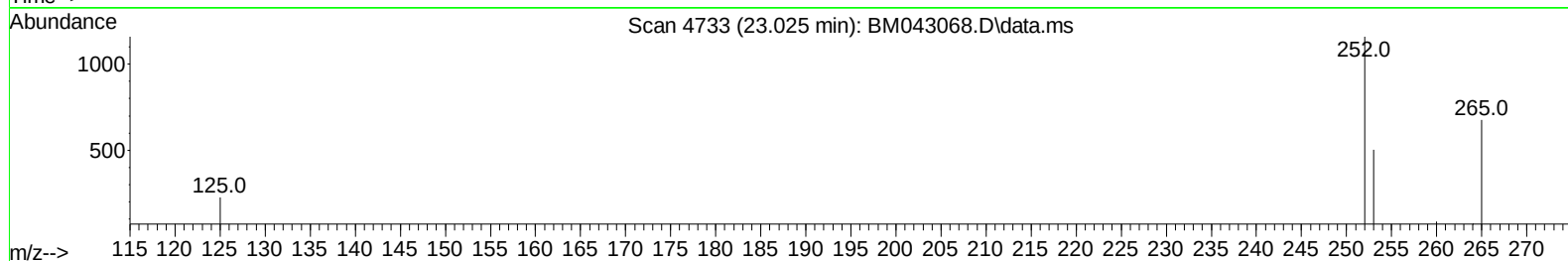
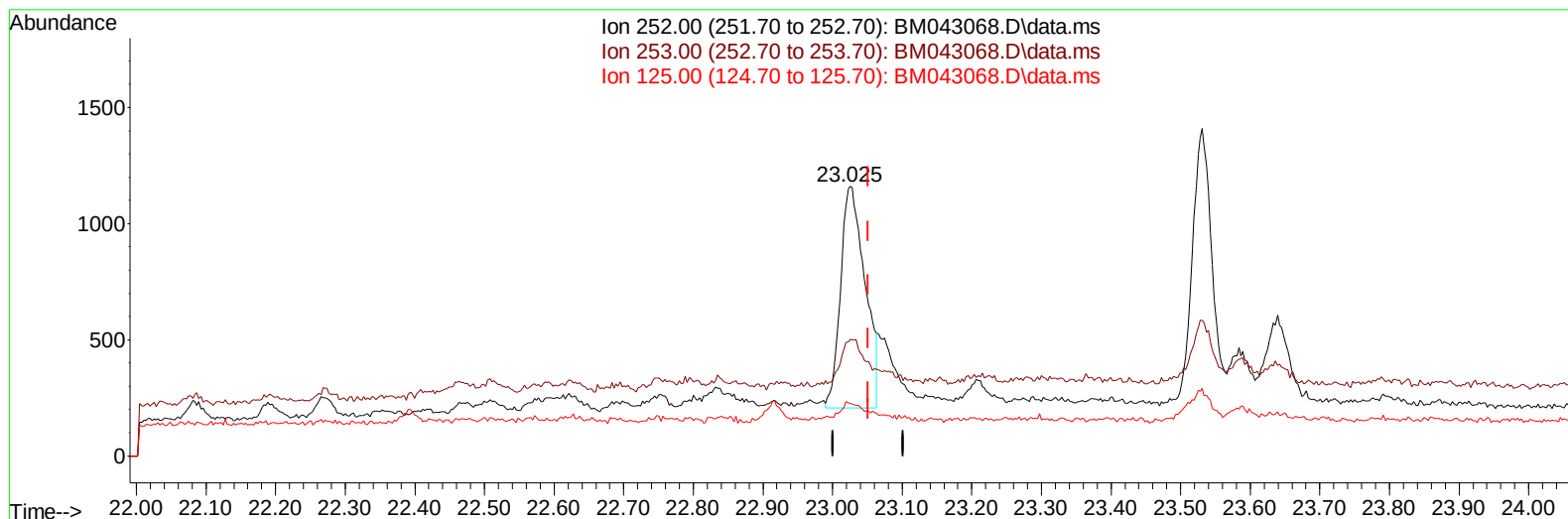
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
Operator : MA/JU
Sample : 05416-25
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
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Quant Time: Nov 28 05:30:41 2023
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TIC: BM043068.D\data.ms

(24) Benzo(b)fluoranthene

23.025min (-0.026) 0.40 ng/ul m

response 2331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.90	43.19
125.00	14.50	19.48
0.00	0.00	0.00

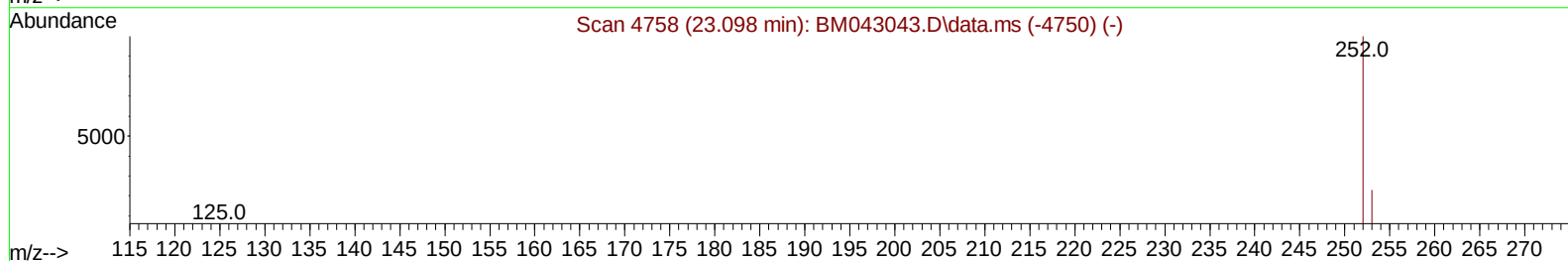
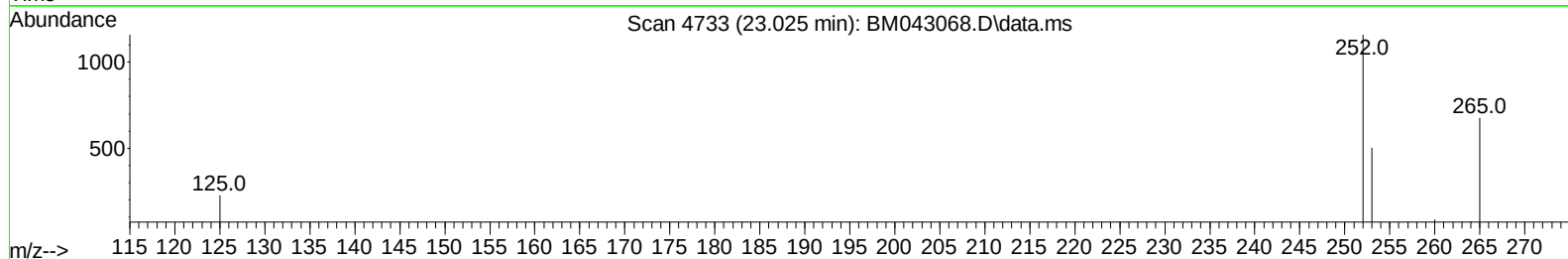
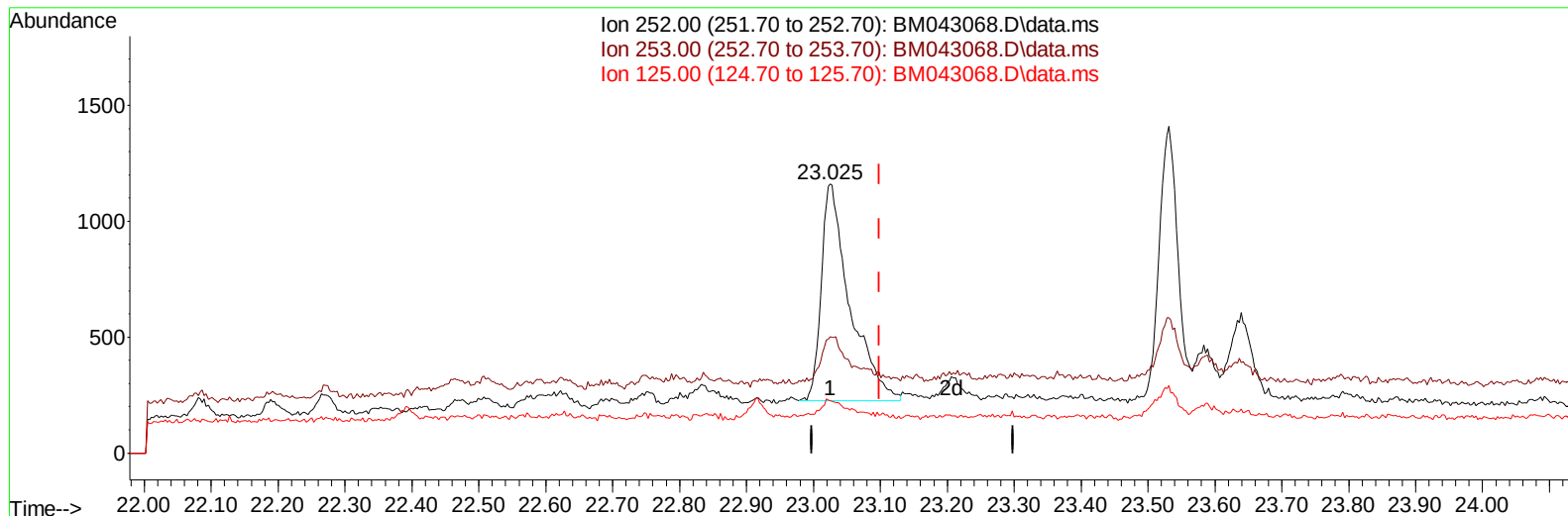
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
Operator : MA/JU
Sample : 05416-25
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

Manual IntegrationsAPPROVED

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TIC: BM043068.D\data.ms

(25) Benzo(k)fluoranthene

23.025min (-0.073) 0.34 ng/u1

response 2758

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	43.19#
125.00	13.80	19.48#
0.00	0.00	0.00

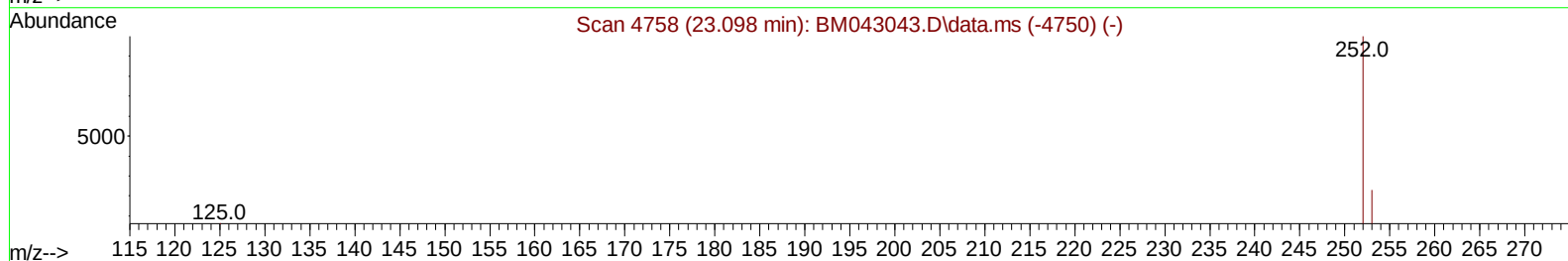
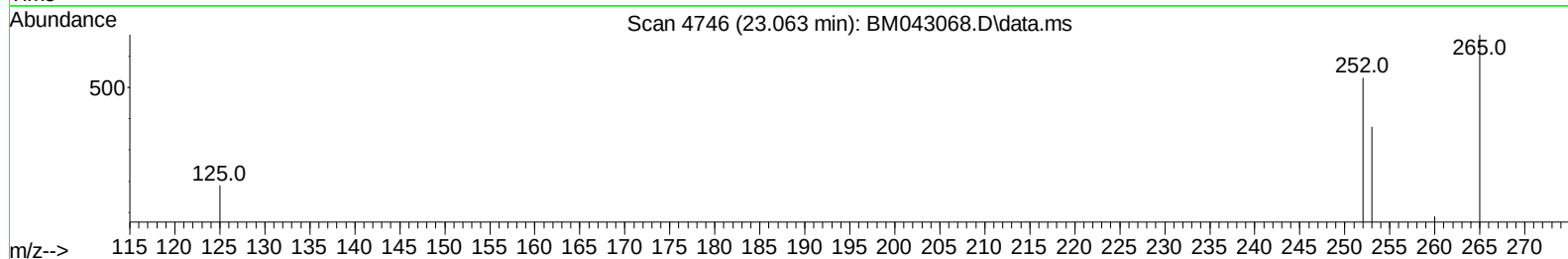
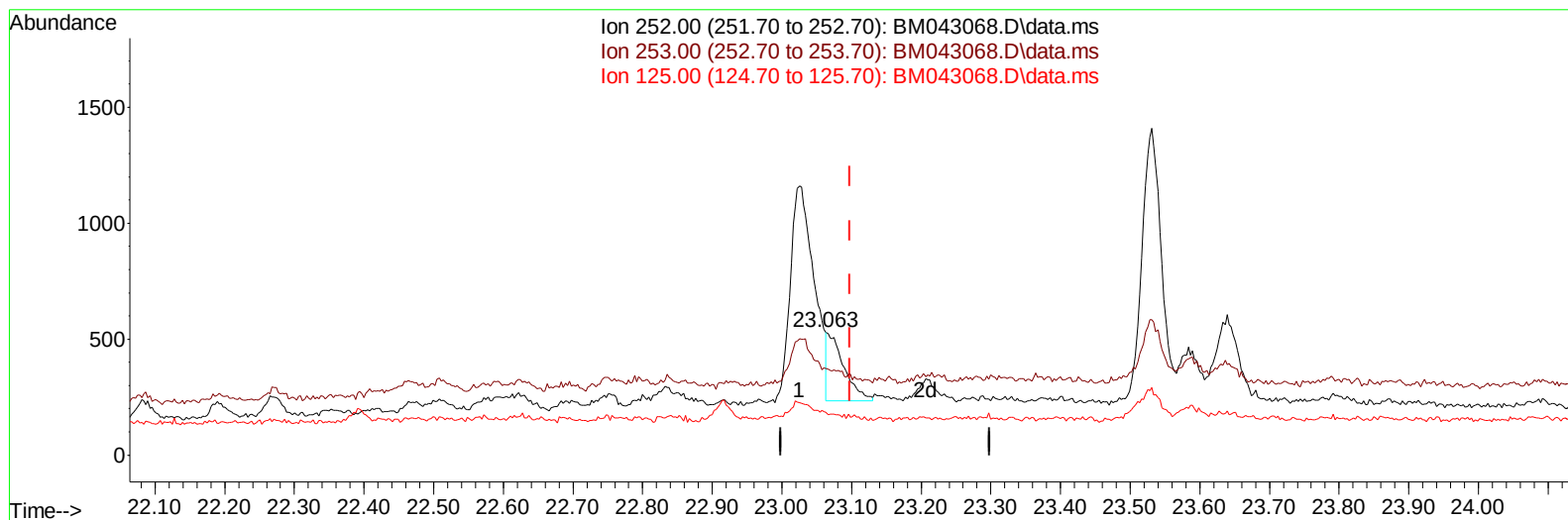
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM043068.D\data.ms

(25) Benzo(k)fluoranthene

23.063min (-0.035) 0.06 ng/ul m

response 482

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	70.57#
125.00	13.80	35.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043068.D
 Acq On : 28 Nov 2023 02:40
 Operator : MA/JU
 Sample : 05416-25
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH8

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.809	152		938m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136		2713	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164		1663m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.207	188		3428	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240		2106	0.400	ng/ul	#-0.02
23) Perylene-d12	23.747	264		1724m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.160	96		1917	1.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152		367	0.101	ng/ul	-0.04
18) Fluoranthene-d10	19.242	212		1023	0.133	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.655	128		1913	0.259	ng/ul	94
7) 2-Methylnaphthalene	12.282	142		1917	0.441	ng/ul	94
8) 1-Methylnaphthalene	12.497	142		1292	0.266	ng/ul	100
15) Phenanthrene	17.250	178		2881	0.295	ng/ul	99
19) Fluoranthene	19.275	202		636	0.053	ng/ul#	78
20) Pyrene	19.633	202		793	0.062	ng/ul#	66
21) Benzo(a)anthracene	21.386	228		1819	0.266	ng/ul#	87
22) Chrysene	21.438	228		3741m	0.294	ng/ul	
24) Benzo(b)fluoranthene	23.025	252		2331m	0.401	ng/ul	
25) Benzo(k)fluoranthene	23.063	252		482m	0.060	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043068.D
Acq On : 28 Nov 2023 02:40
Operator : MA/JU
Sample : 05416-25
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH8

Manual IntegrationsAPPROVED

Quant Time: Nov 28 05:30:41 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 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

