

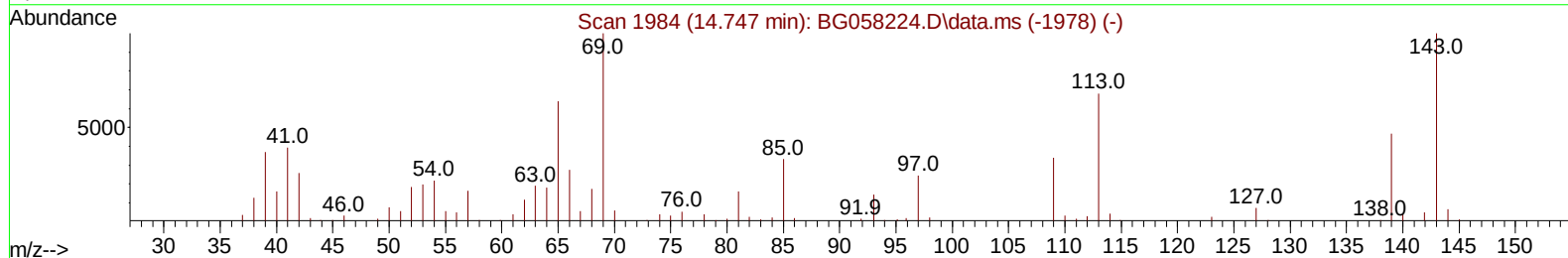
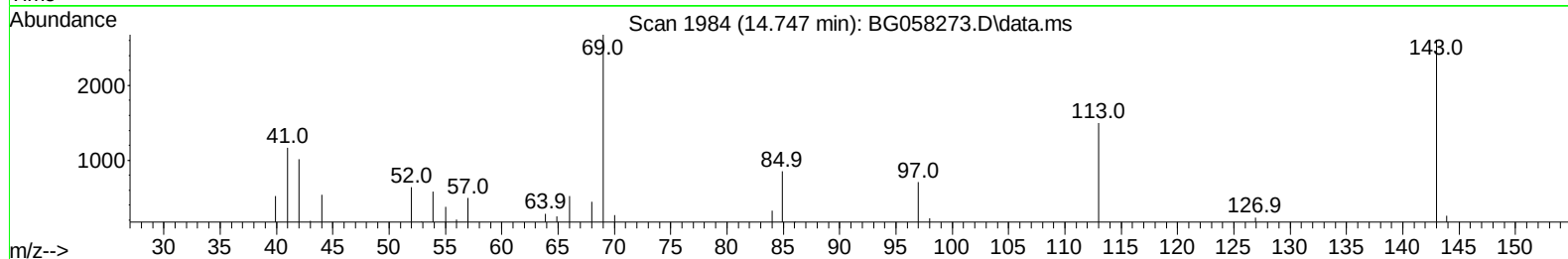
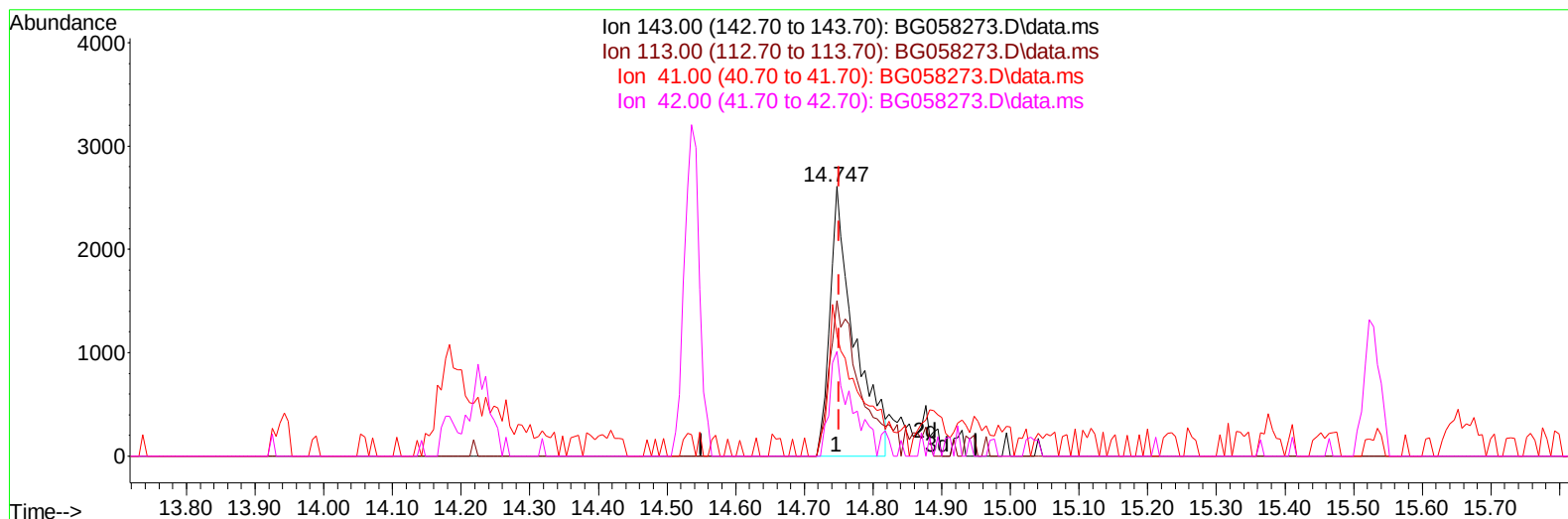
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058273.D
Acq On : 15 Jul 2023 23:43
Operator : CG/JU
Sample : 03414-05
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:23:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BG058273.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.747min (-0.003) 2.59 ng/u1

response 6402

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	57.57
41.00	40.50	44.84
42.00	27.50	38.90#

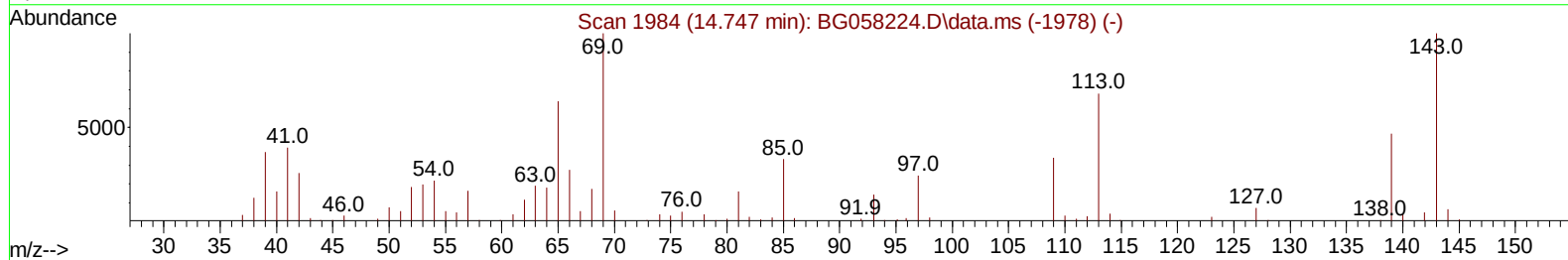
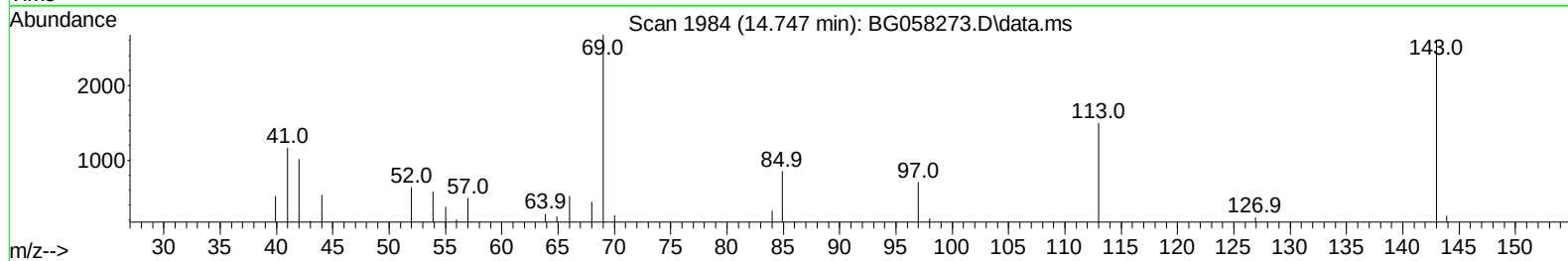
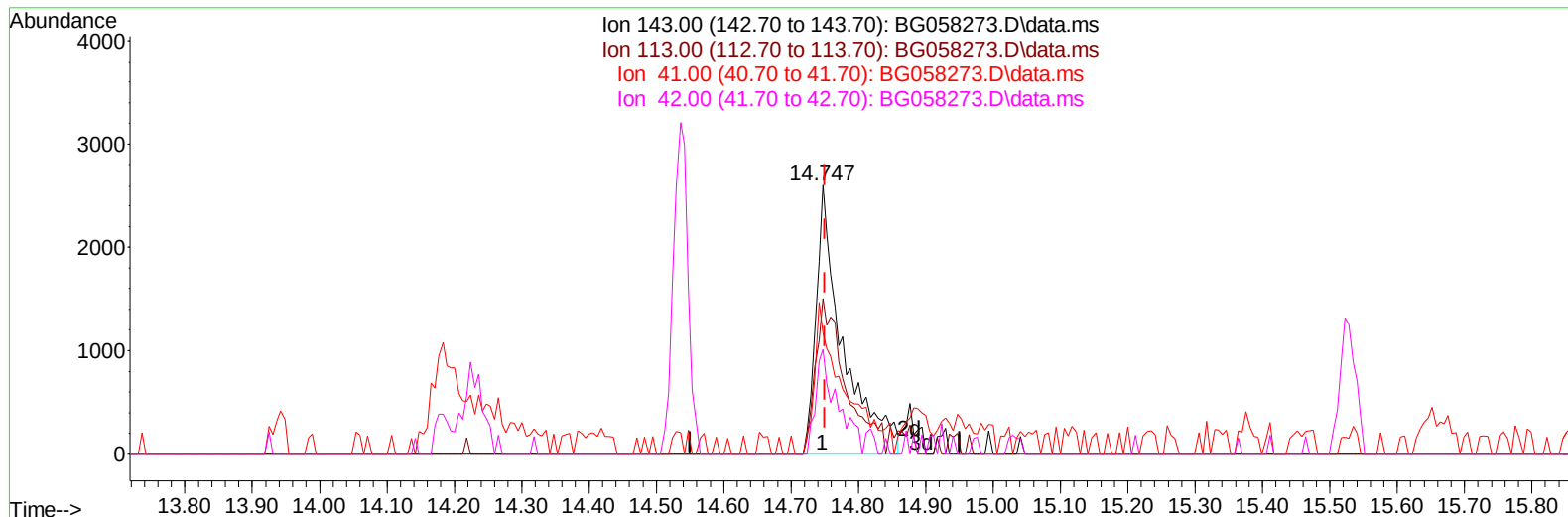
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058273.D
Acq On : 15 Jul 2023 23:43
Operator : CG/JU
Sample : 03414-05
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:23:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 14:01:20 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BG058273.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.747min (-0.003) 2.91 ng/ul m

response 7185

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	66.40	57.57
41.00	40.50	44.84
42.00	27.50	38.90#

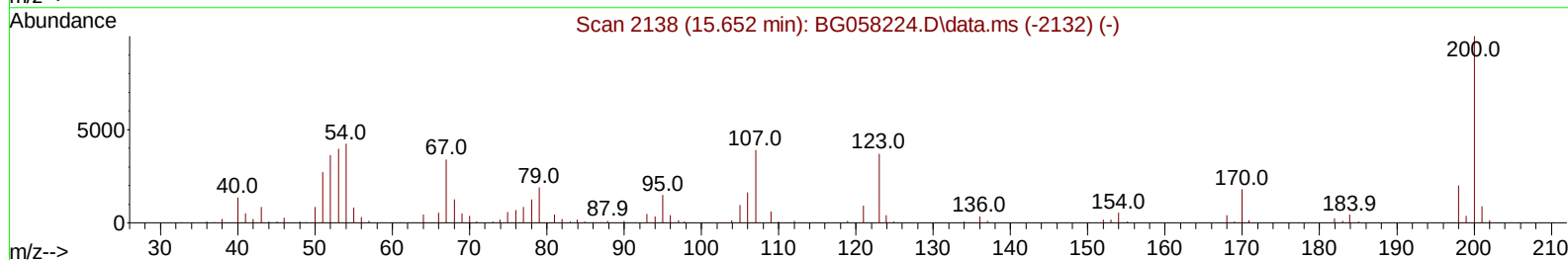
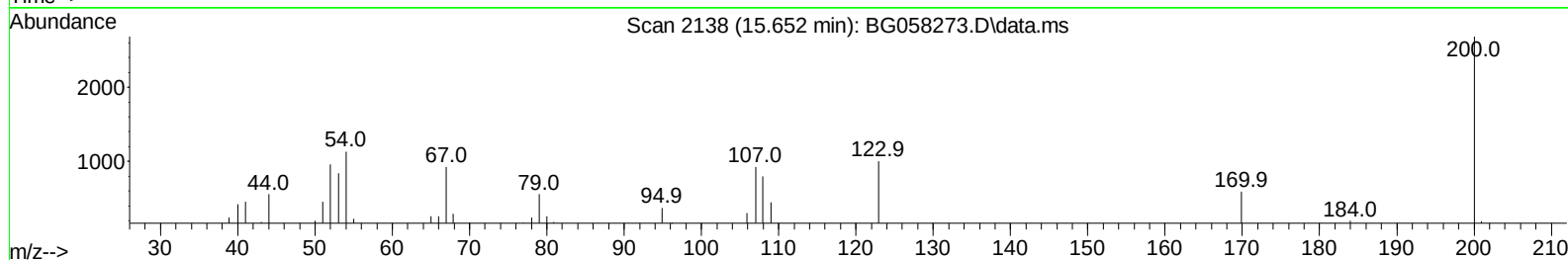
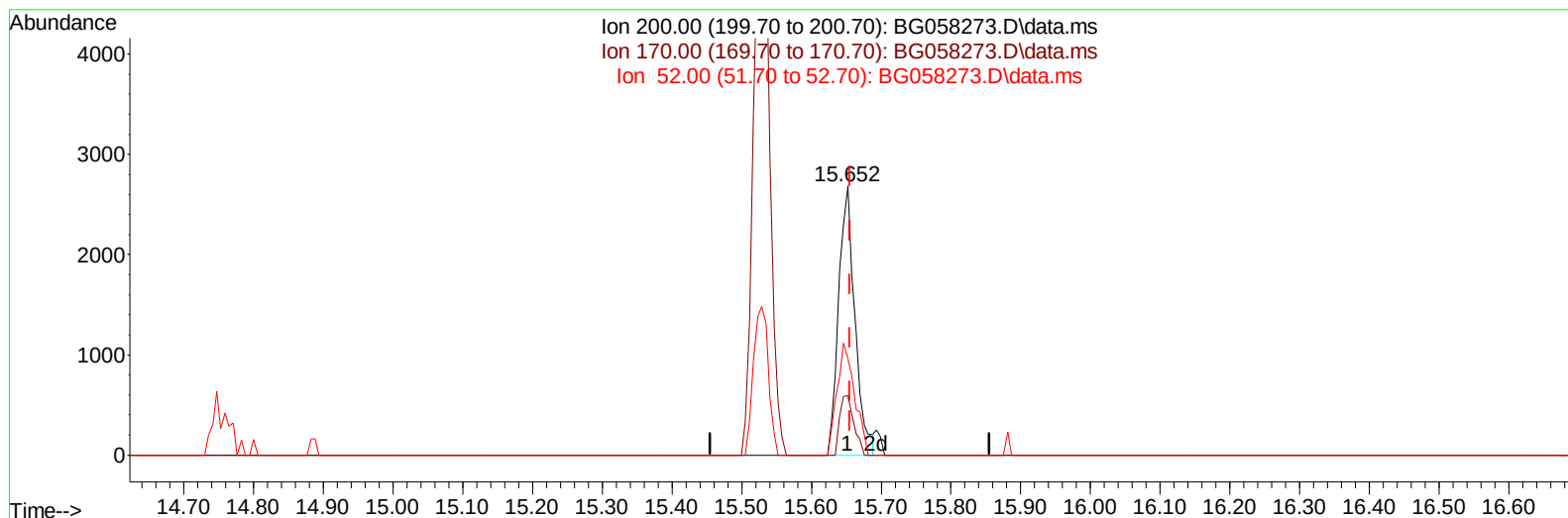
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058273.D
 Acq On : 15 Jul 2023 23:43
 Operator : CG/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:23:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BG058273.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.652min (-0.003) 1.96 ng/uL

response 4335

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	21.99
52.00	44.80	35.74#
0.00	0.00	0.00

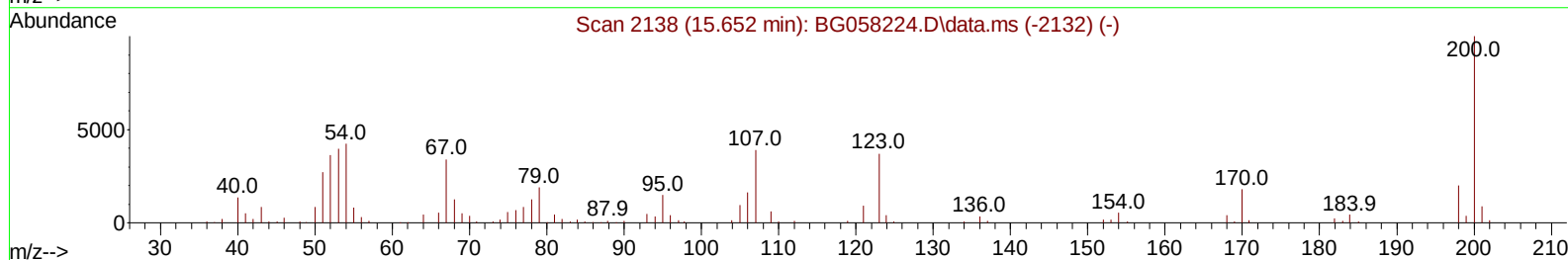
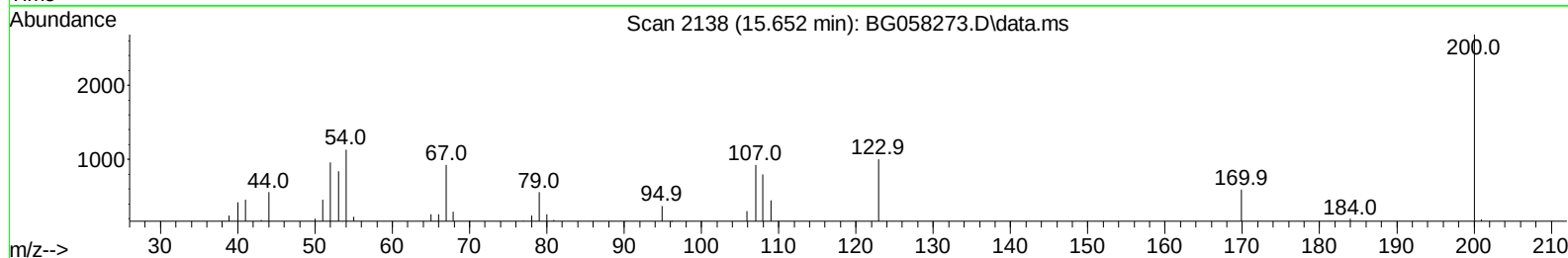
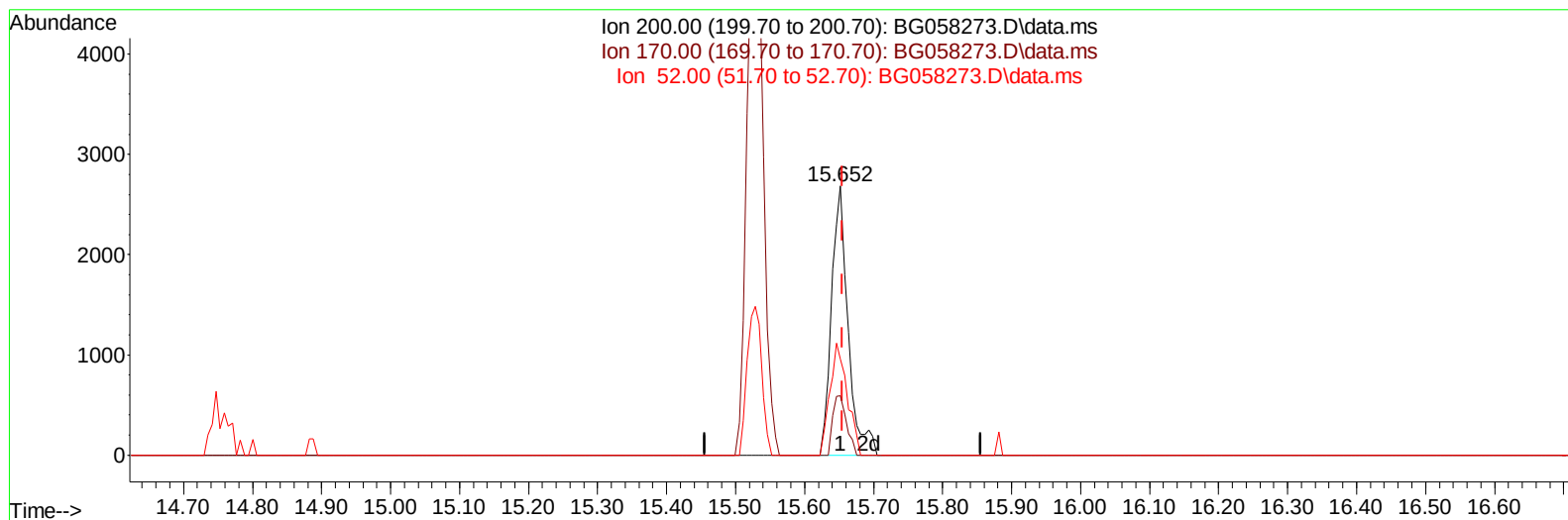
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
 Data File : BG058273.D
 Acq On : 15 Jul 2023 23:43
 Operator : CG/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:23:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 13 14:01:20 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BG058273.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.652min (-0.003) 2.02 ng/ul m

response 4489

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	21.99
52.00	44.80	35.74#
0.00	0.00	0.00

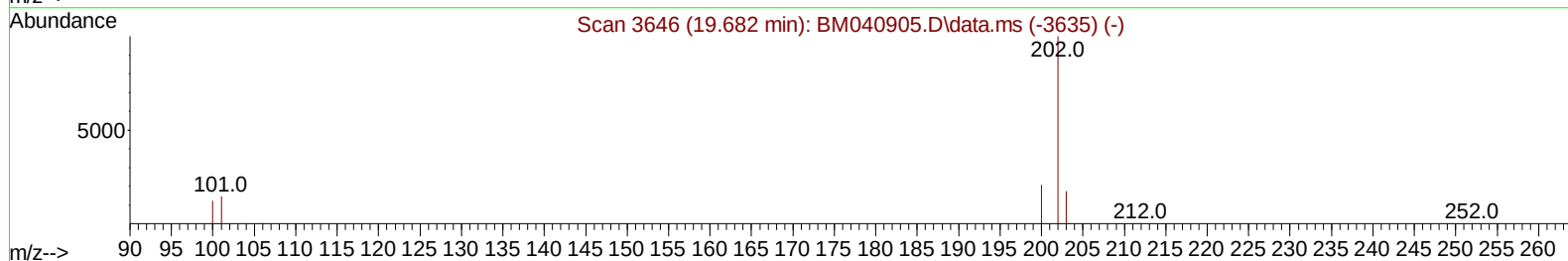
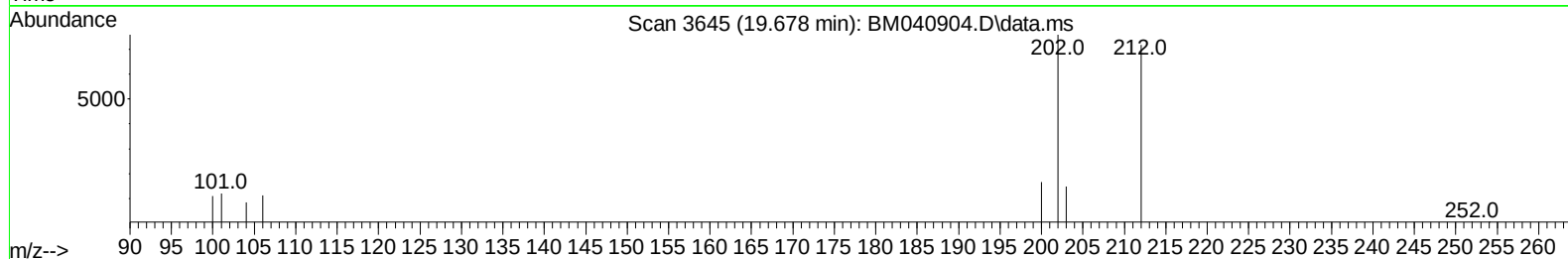
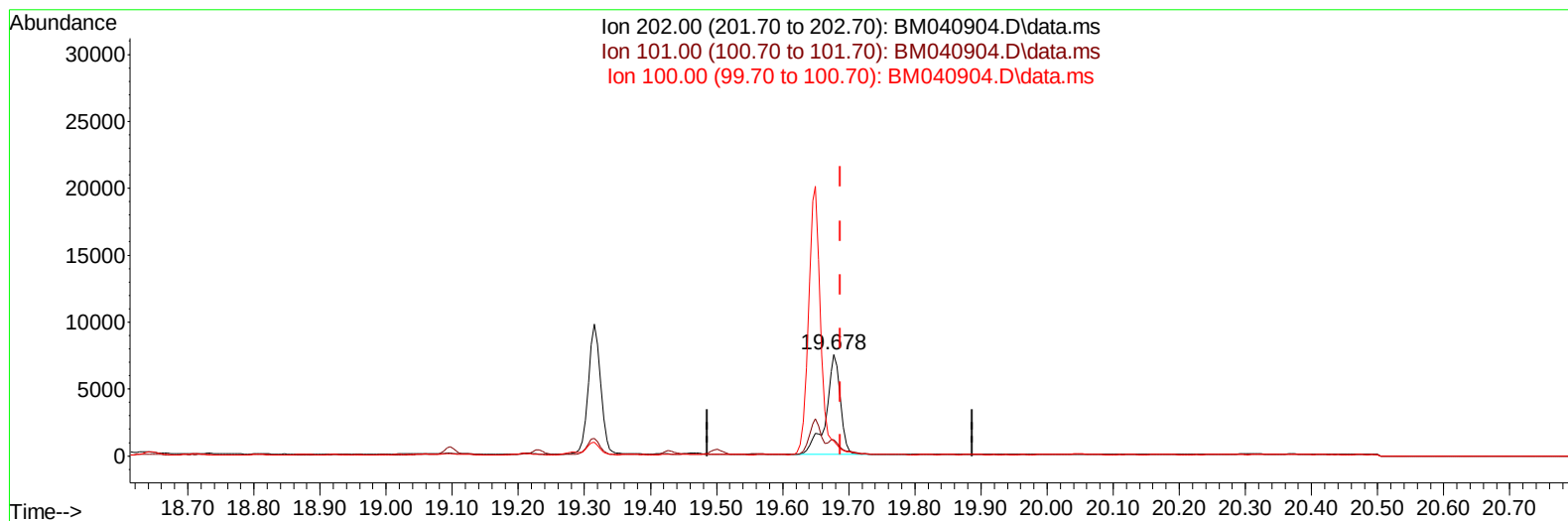
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040904.D
 Acq On : 15 Jul 2023 07:25
 Operator : MA/JU
 Sample : 03437-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:31:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040904.D\data.ms

(20) Pyrene

19.678min (-0.009) 0.30 ng/uL

response 11468

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.16
100.00	12.20	14.60
0.00	0.00	0.00

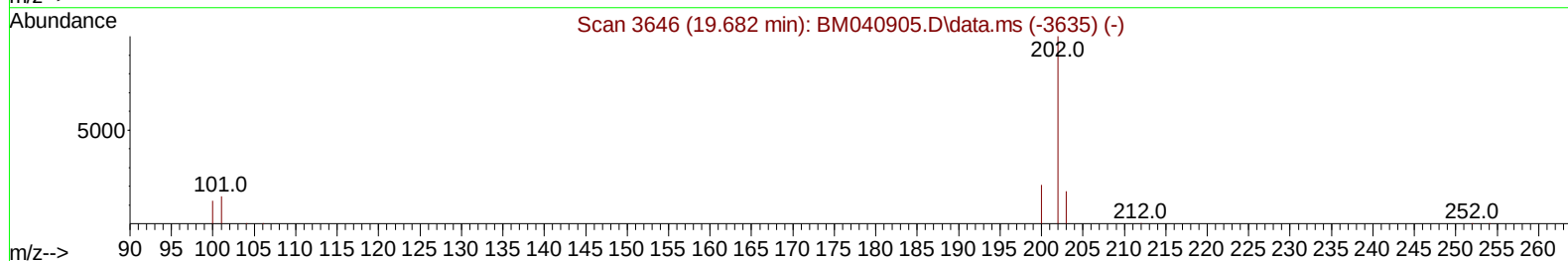
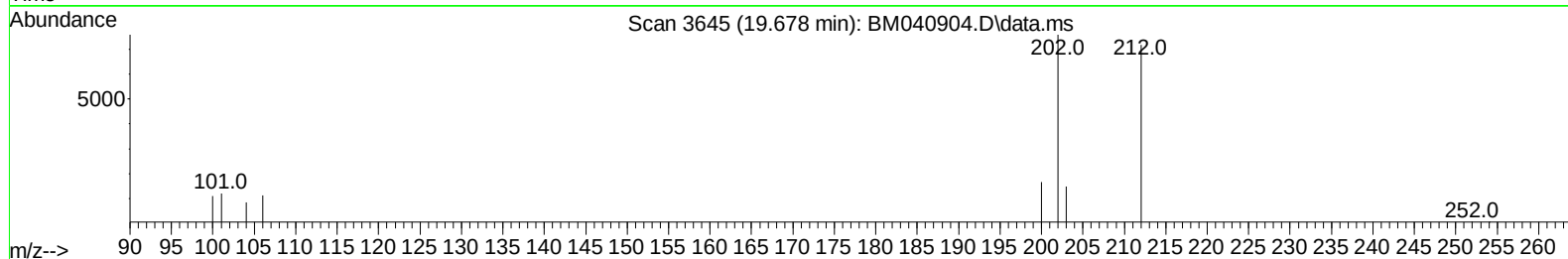
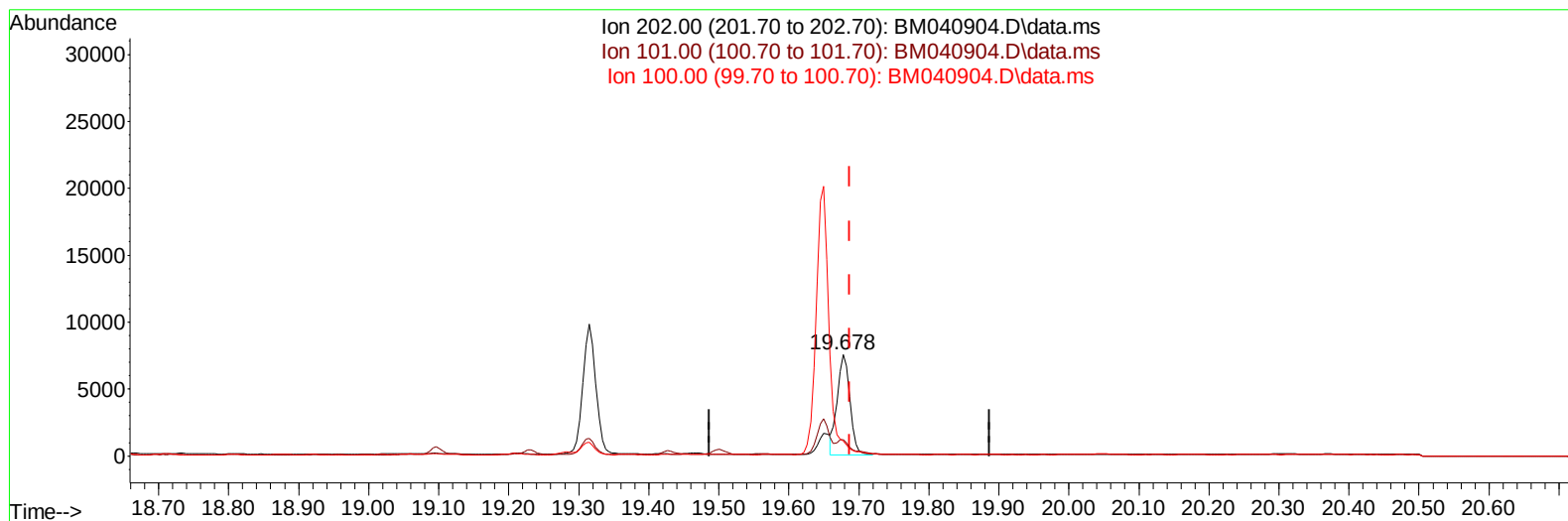
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040904.D
Acq On : 15 Jul 2023 07:25
Operator : MA/JU
Sample : 03437-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:31:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



TIC: BM040904.D\data.ms

(20) Pyrene

19.678min (-0.009) 0.25 ng/ul m

response 9499

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	16.16
100.00	12.20	14.60
0.00	0.00	0.00

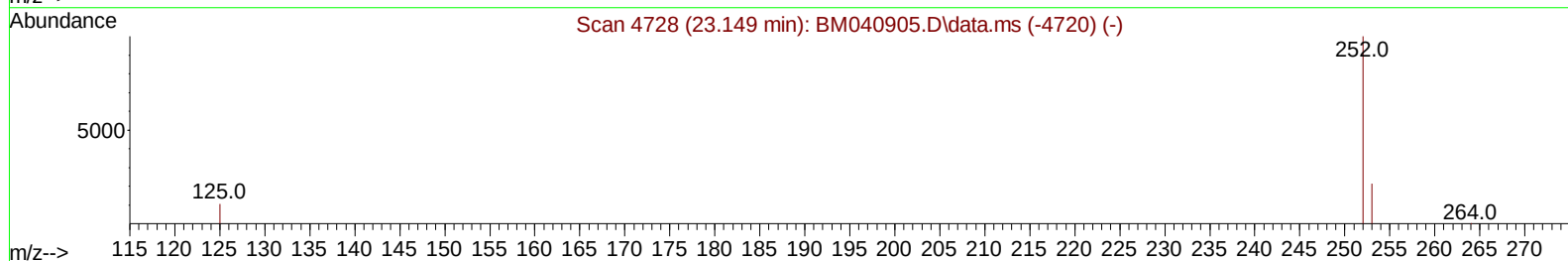
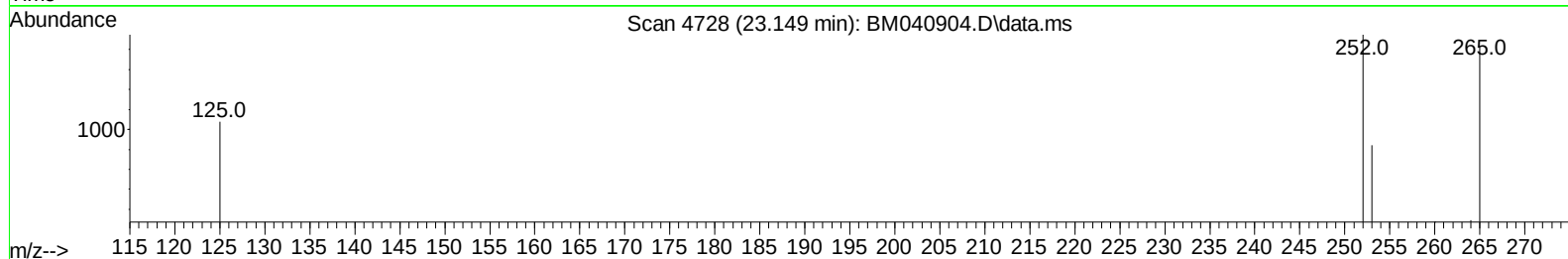
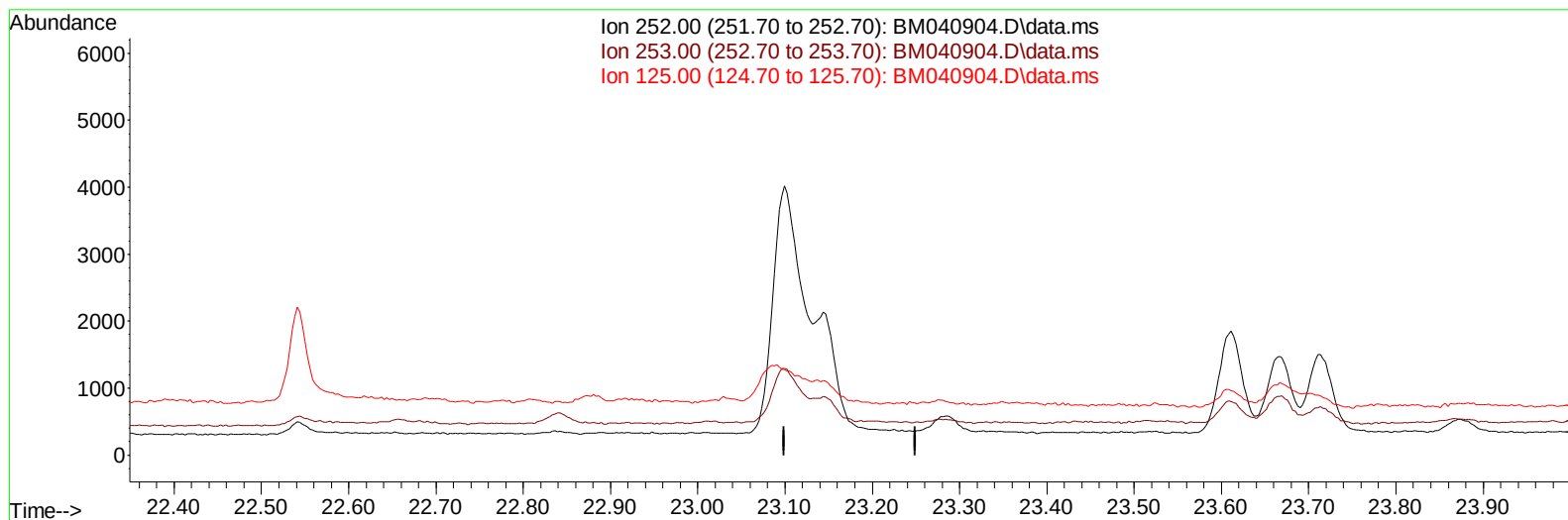
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040904.D
Acq On : 15 Jul 2023 07:25
Operator : MA/JU
Sample : 03437-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:31:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM040904.D\data.ms

(25) Benzo(k)fluoranthene

23.149min (-23.149) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	26.50	0.00#
125.00	20.50	0.00#
0.00	0.00	0.00

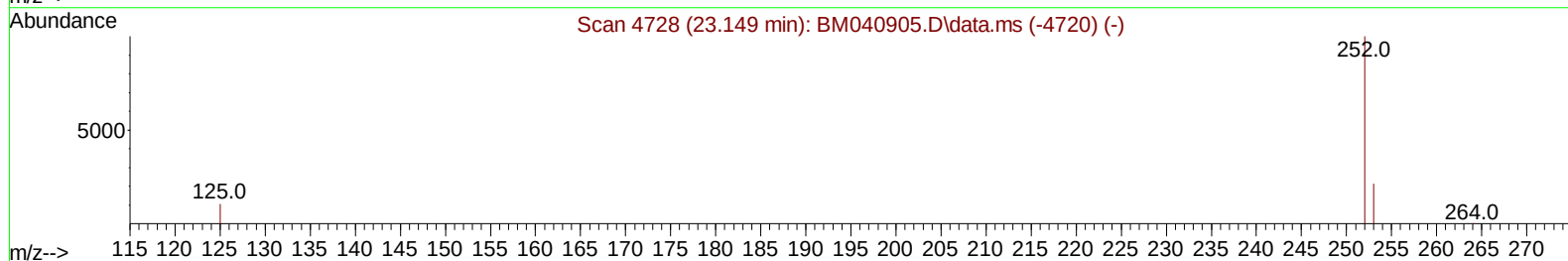
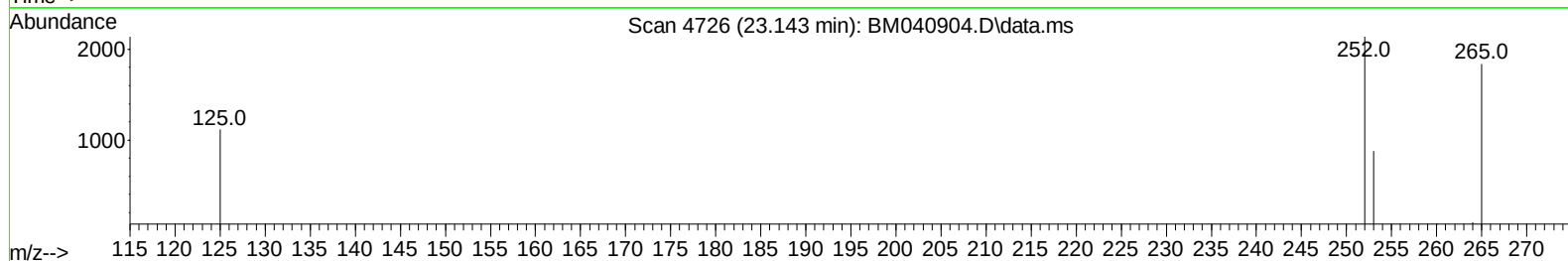
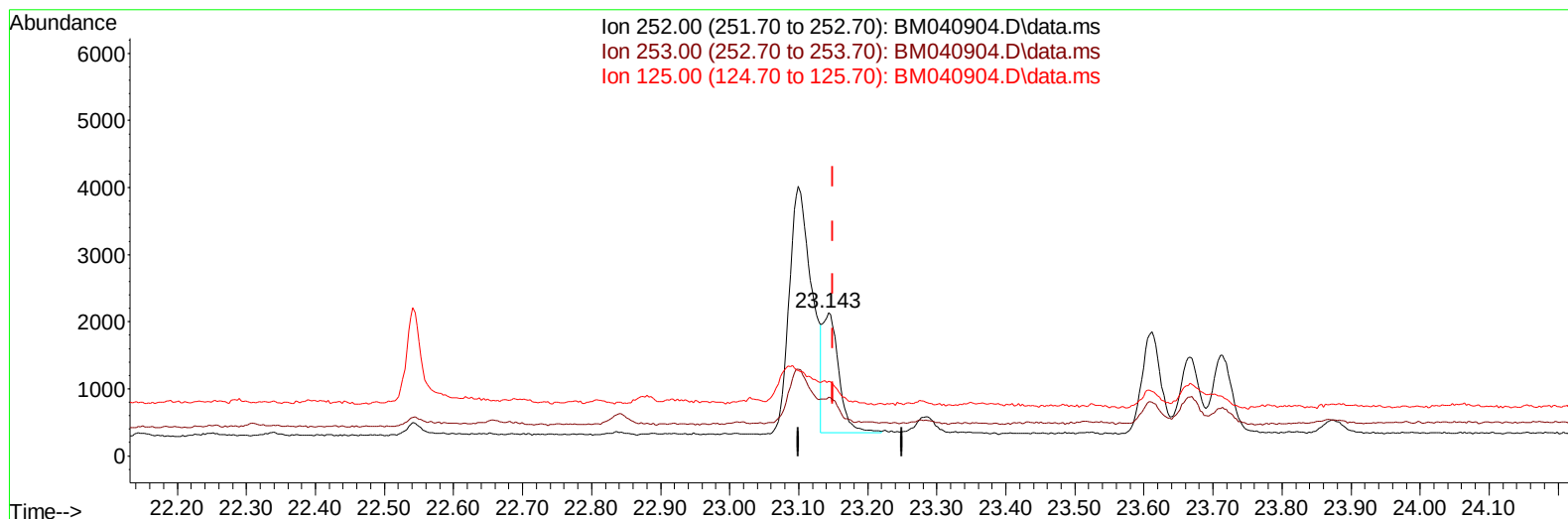
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040904.D
 Acq On : 15 Jul 2023 07:25
 Operator : MA/JU
 Sample : 03437-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual IntegrationsAPPROVED

Quant Time: Jul 16 00:31:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040904.D\data.ms

(25) Benzo(k)fluoranthene

23.143min (-0.006) 0.08 ng/ul m

response 2909

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	41.14#
125.00	20.50	52.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040904.D
 Acq On : 15 Jul 2023 07:25
 Operator : MA/JU
 Sample : 03437-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 16 00:31:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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 QLast Update : Sat Jul 15 03:58:02 2023
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.853	152		4794	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136		15466	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164		6887	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188		11966	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240		8315	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264		9064	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.275	96		46962	6.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152		7061	0.326	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212		9721	0.365	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.708	128		16834	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.324	142		790	0.032	ng/ul	100
15) Phenanthrene	17.295	178		4132	0.111	ng/ul	95
16) Anthracene	17.388	178		627	0.020	ng/ul#	62
19) Fluoranthene	19.315	202		12787	0.362	ng/ul	98
20) Pyrene	19.678	202		9499m	0.251	ng/ul	
21) Benzo(a)anthracene	21.431	228		3761	0.134	ng/ul	95
22) Chrysene	21.483	228		6108	0.190	ng/ul	96
24) Benzo(b)fluoranthene	23.099	252		8442	0.241	ng/ul	84
25) Benzo(k)fluoranthene	23.143	252		2909m	0.084	ng/ul	
26) Benzo(a)pyrene	23.711	252		2215	0.070	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.273	276		3844	0.087	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.287	278		927	0.027	ng/ul#	16

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040904.D
Acq On : 15 Jul 2023 07:25
Operator : MA/JU
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46L7

Manual IntegrationsAPPROVED

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