

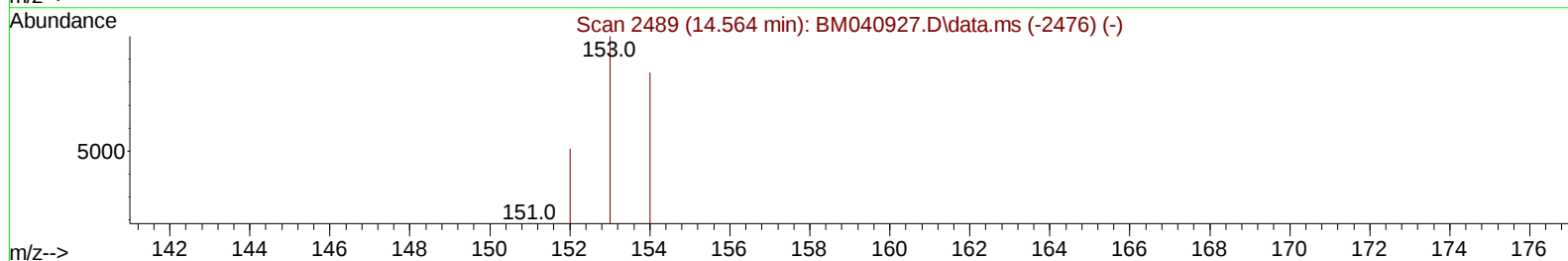
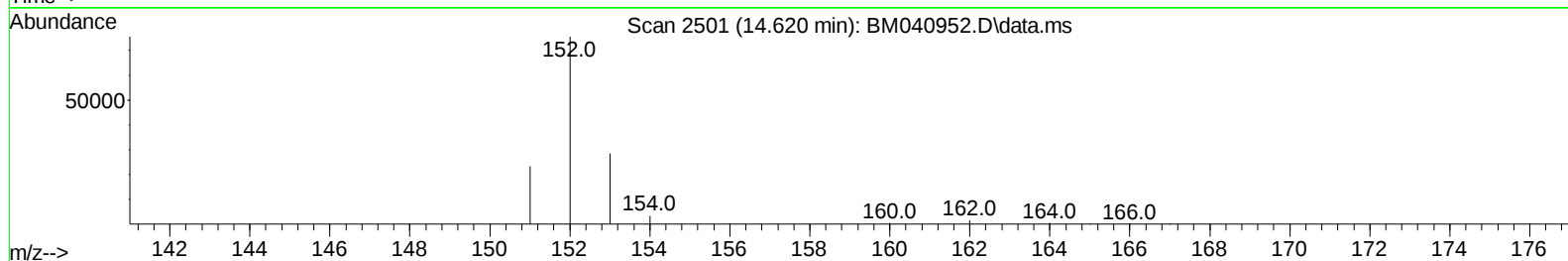
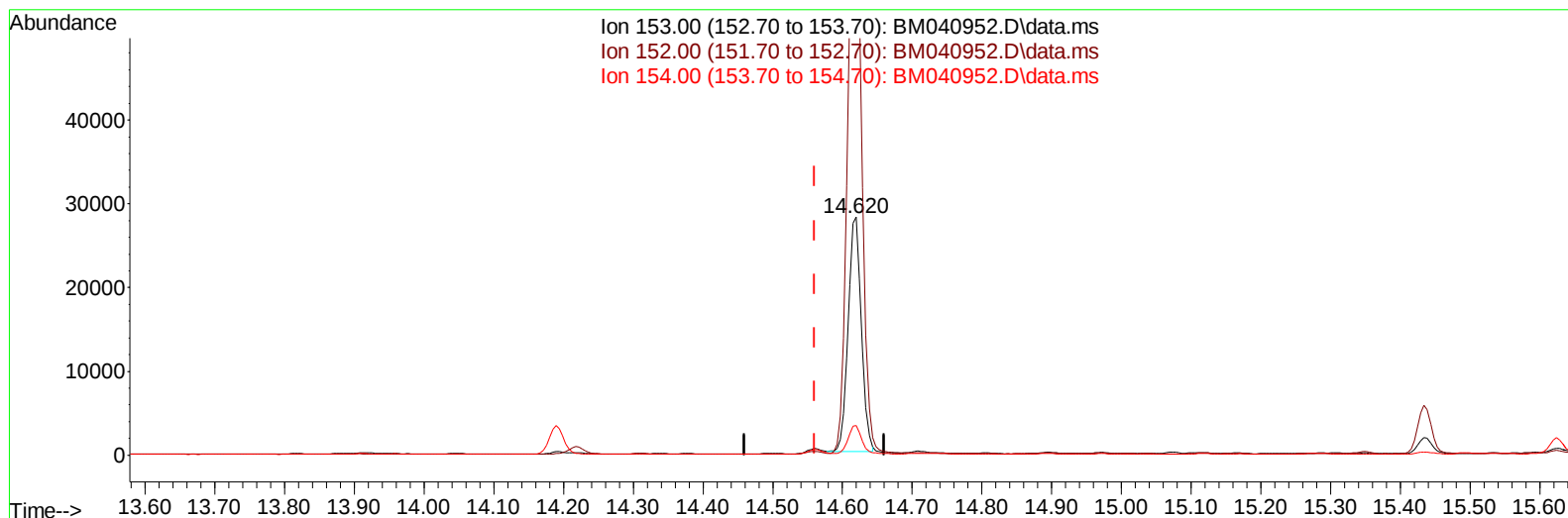
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(11) Acenaphthene (C)

14.620min (+ 0.060) 1.31 ng/ul

response 36815

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	265.66#
154.00	88.50	12.53#
0.00	0.00	0.00

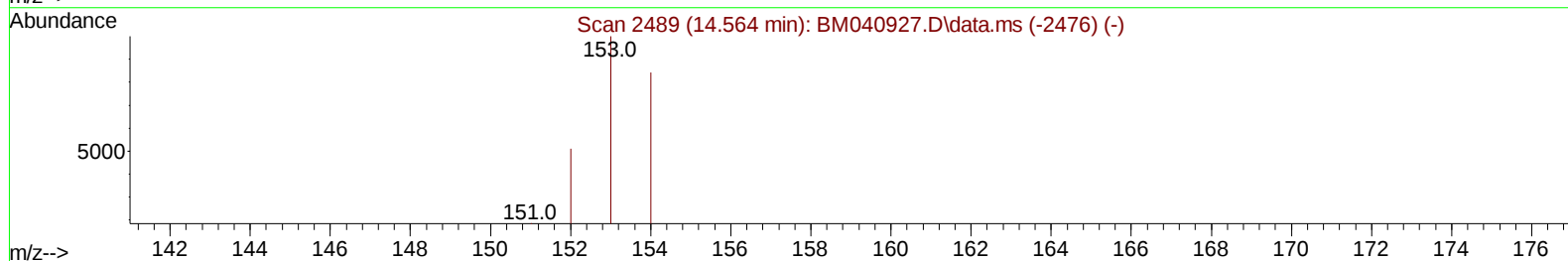
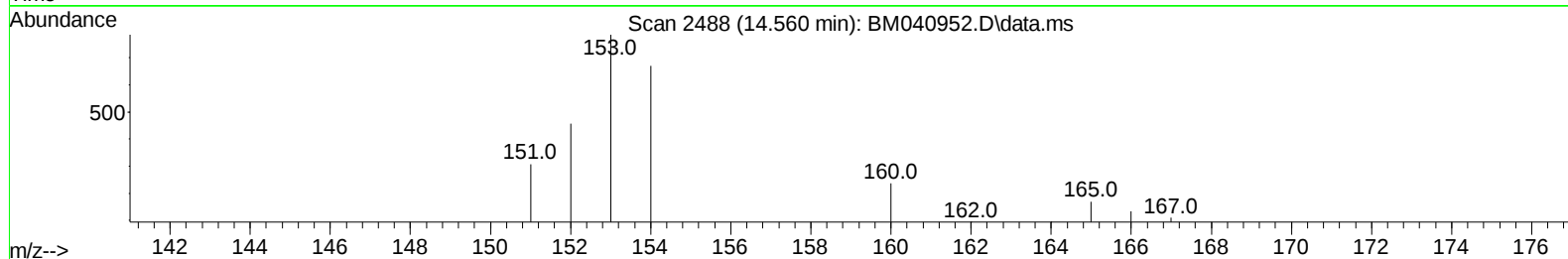
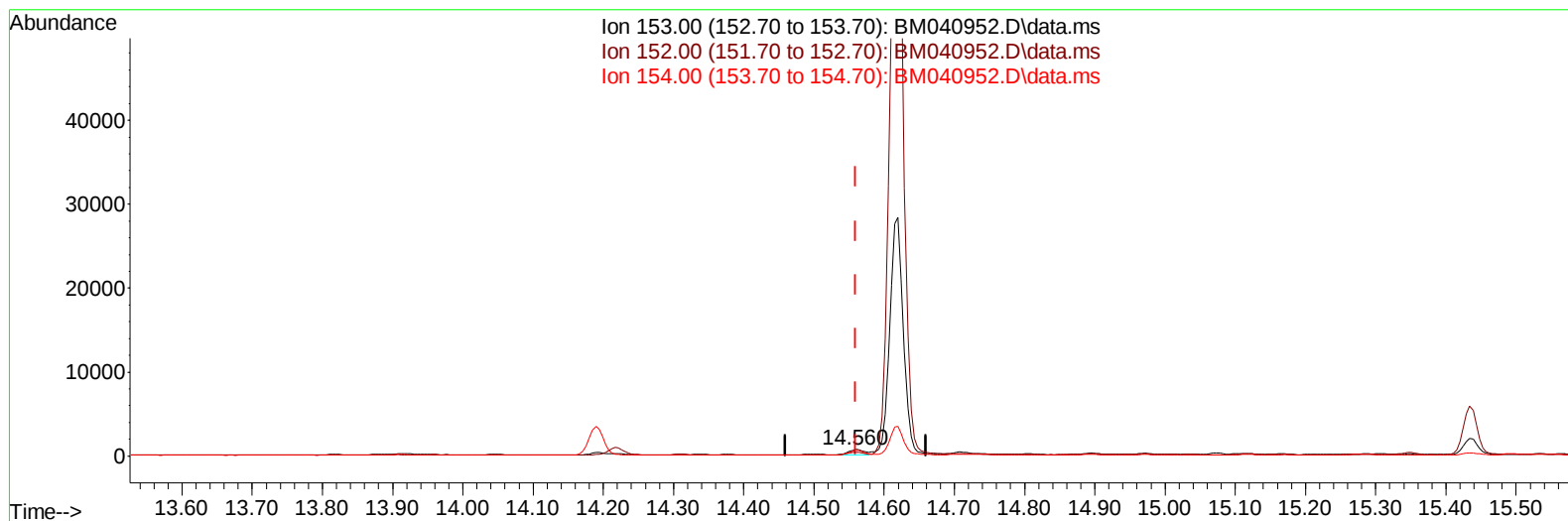
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(11) Acenaphthene (C)

14.560min (-0.000) 0.04 ng/ul m

response 1105

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.20	58.09
154.00	88.50	85.48
0.00	0.00	0.00

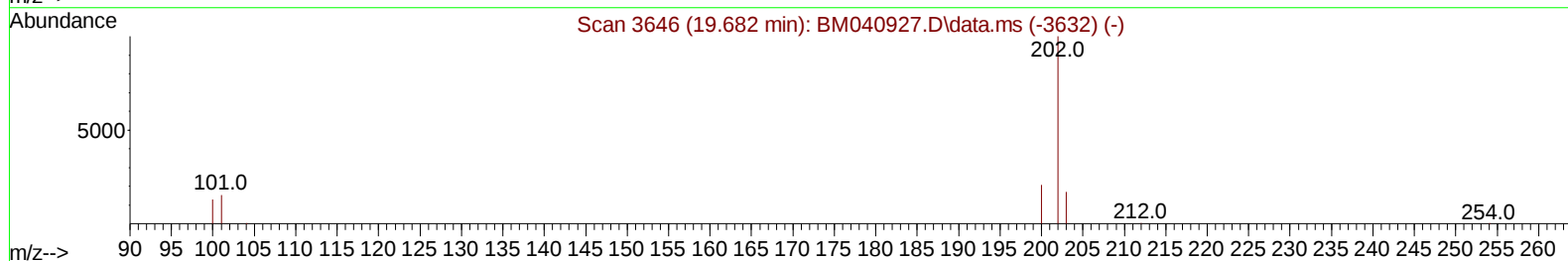
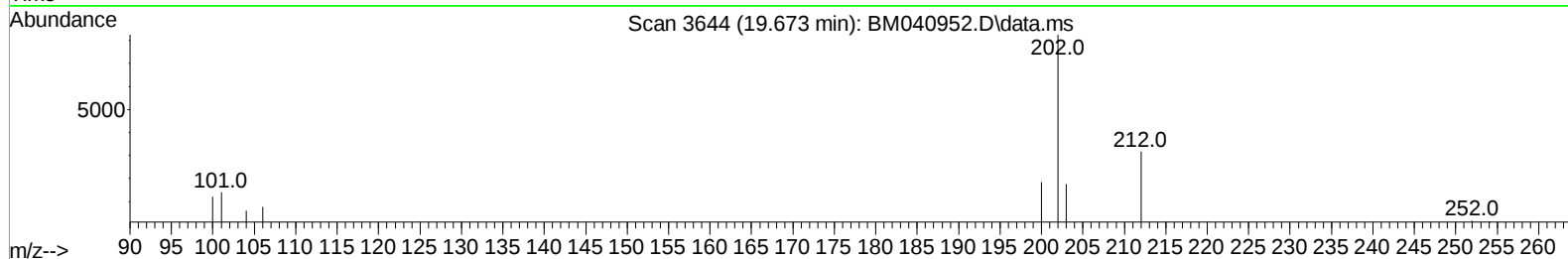
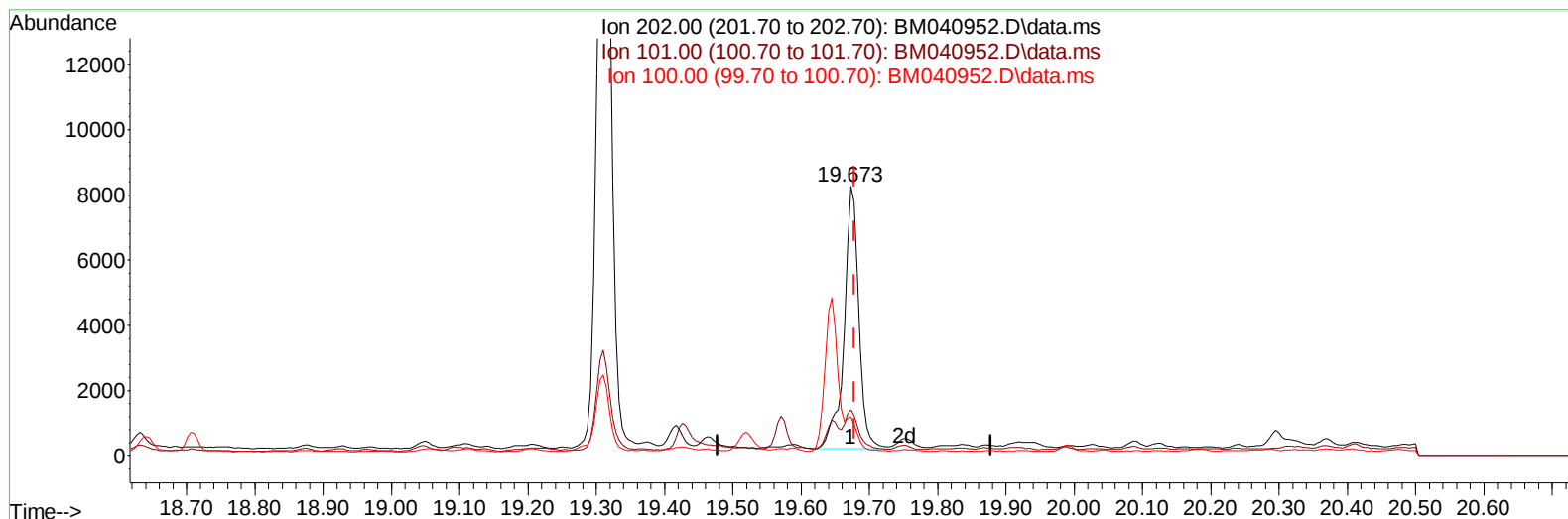
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(20) Pyrene

19.673min (-0.005) 0.25 ng/u1

response 11994

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	17.05
100.00	12.20	14.58
0.00	0.00	0.00

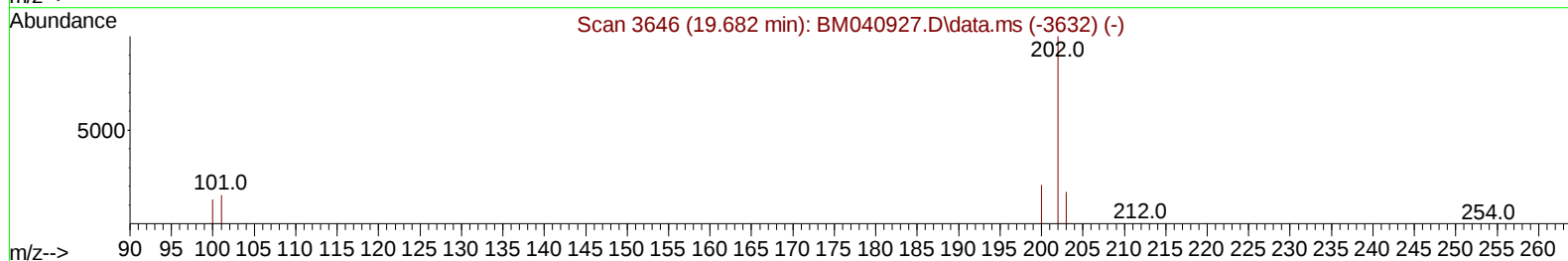
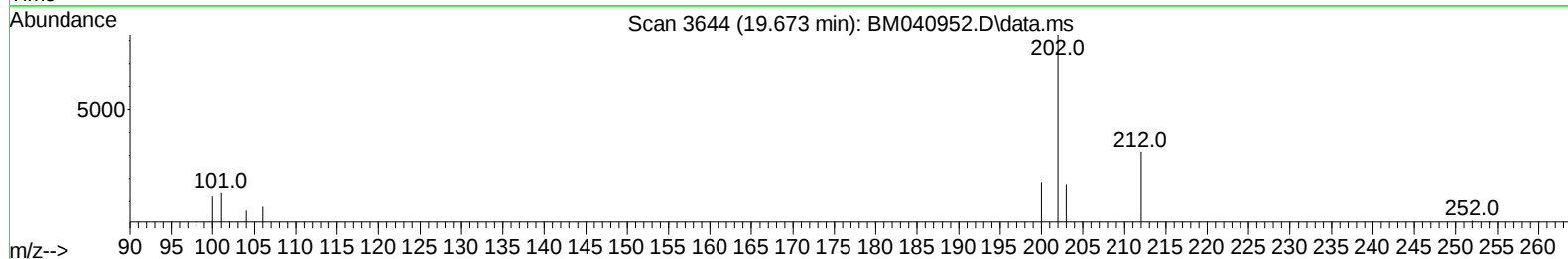
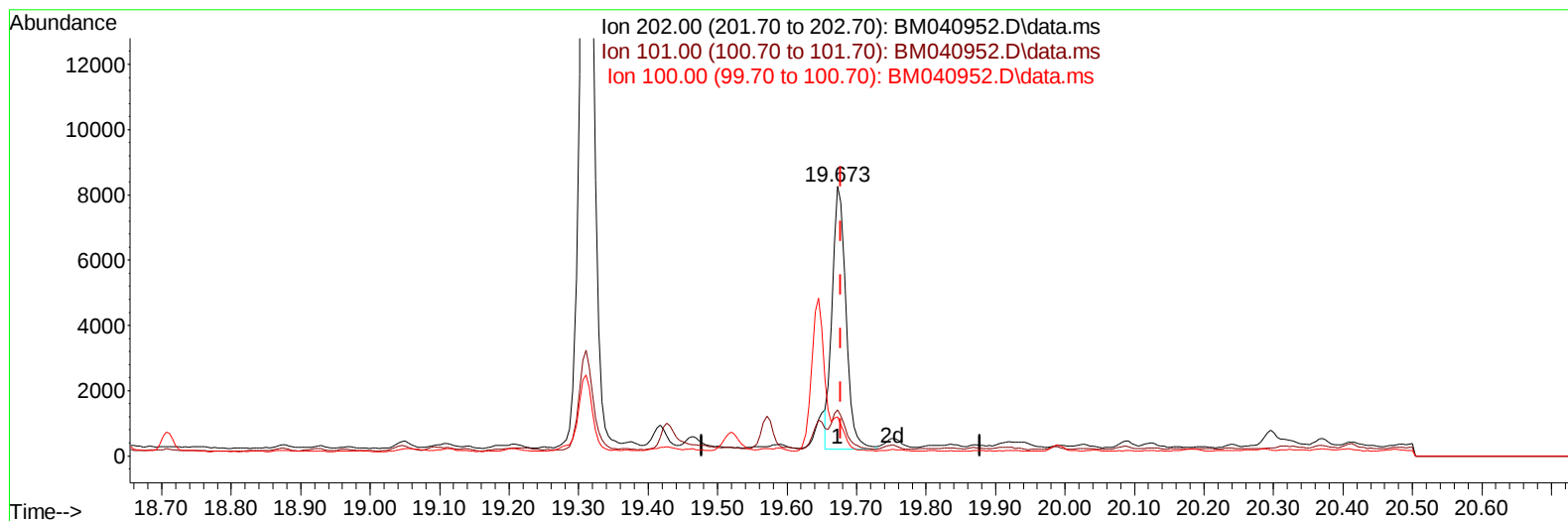
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040952.D
Acq On : 18 Jul 2023 13:46
Operator : MA/JU
Sample : 03458-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(20) Pyrene

19.673min (-0.005) 0.23 ng/u1 m

response 10957

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	17.05
100.00	12.20	14.58
0.00	0.00	0.00

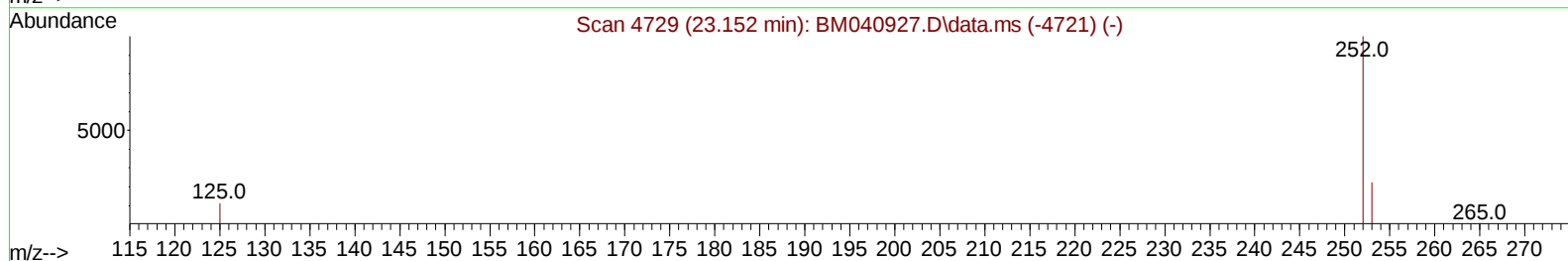
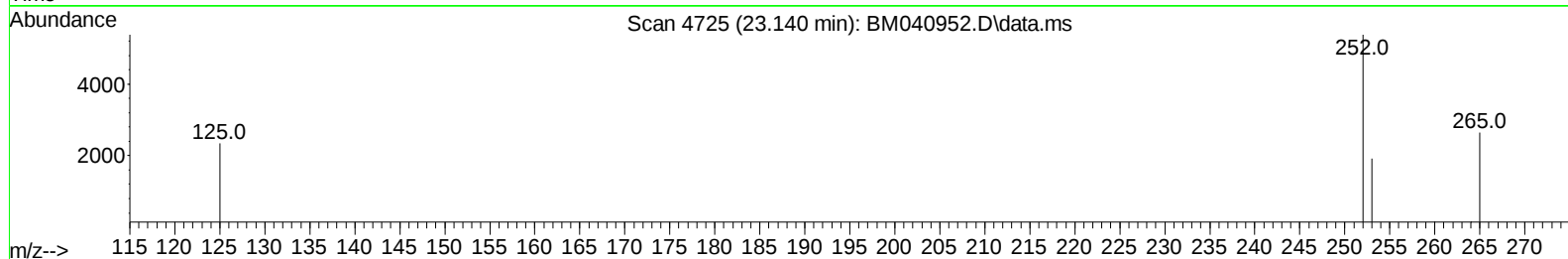
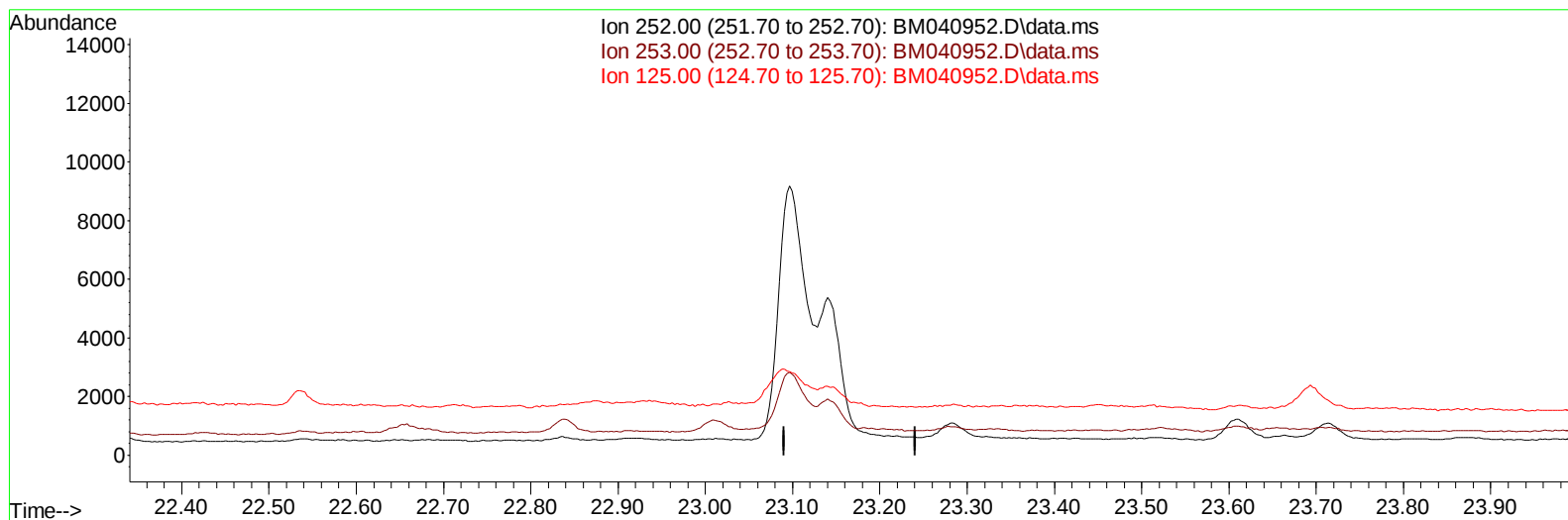
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(25) Benzo(k)fluoranthene

23.140min (-23.140) 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

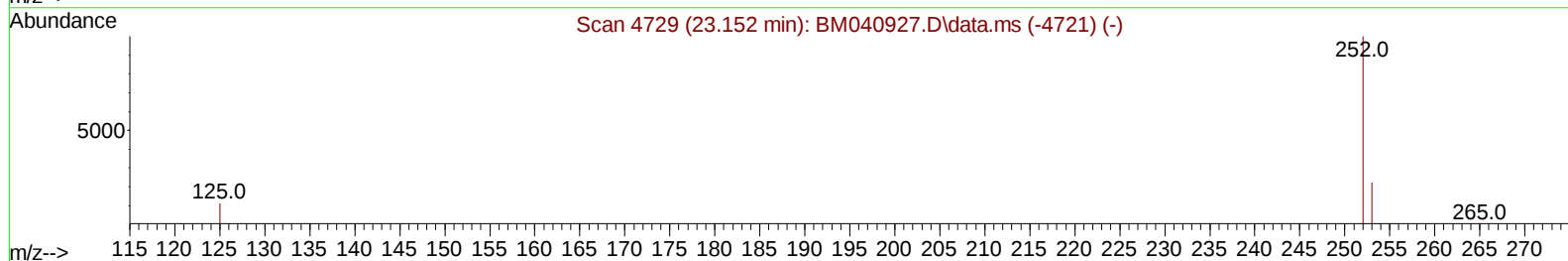
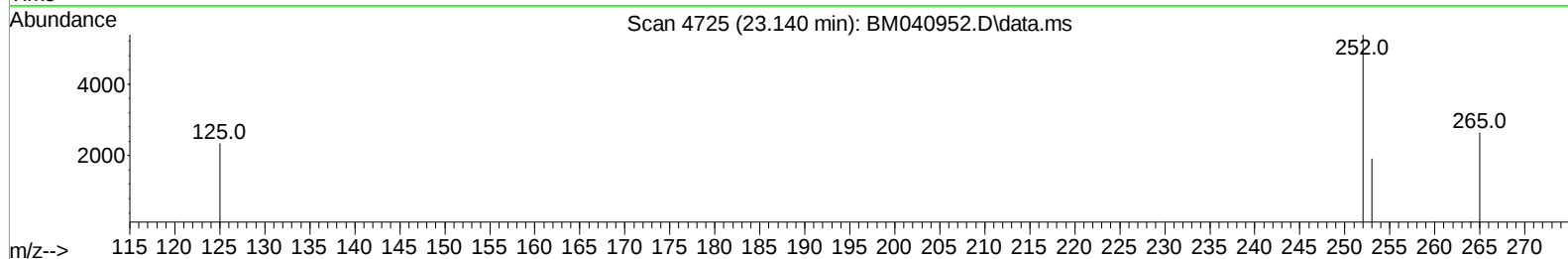
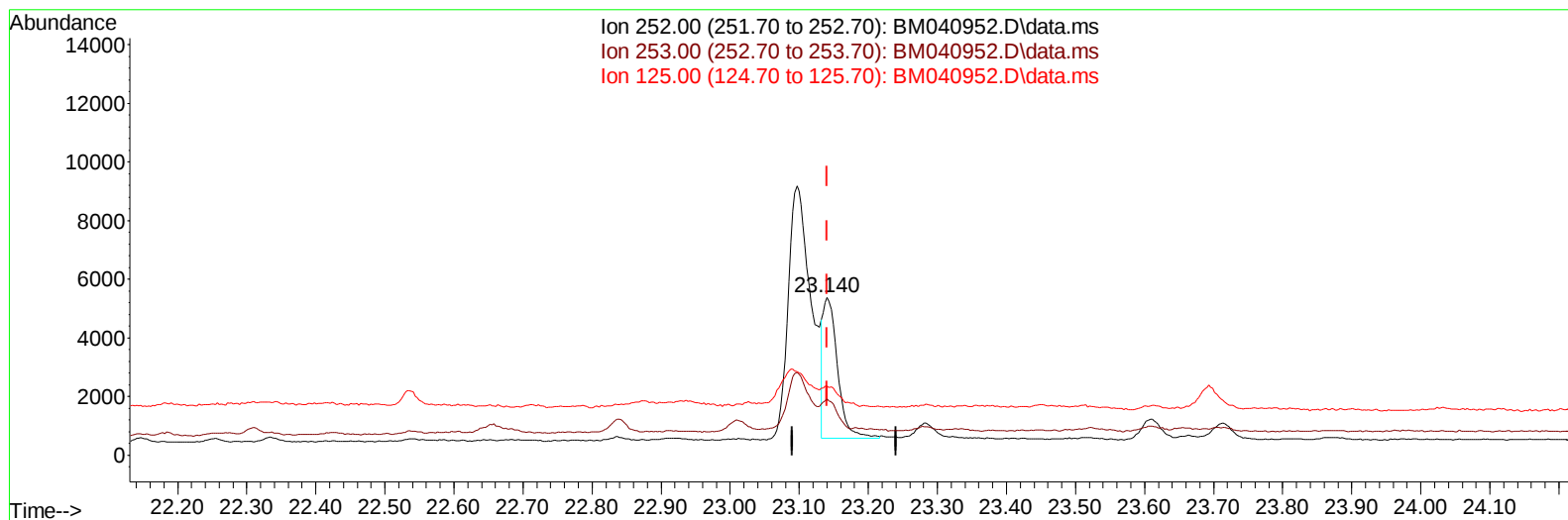
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023



TIC: BM040952.D\data.ms

(25) Benzo(k)fluoranthene

23.140min (-0.000) 0.16 ng/ul m

response 6996

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	35.60#
125.00	20.50	43.52#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040952.D
 Acq On : 18 Jul 2023 13:46
 Operator : MA/JU
 Sample : 03458-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	16298	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.499	164	7471	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16235	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.445	240	10551	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	11145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	28754	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	5321	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	6243	0.185	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.702	128	3697	0.082	ng/ul#	88
7) 2-Methylnaphthalene	12.319	142	721	0.027	ng/ul	91
10) Acenaphthylene	14.217	152	1518	0.045	ng/ul#	67
11) Acenaphthene	14.560	153	1105m	0.039	ng/ul	
12) Fluorene	15.550	166	882	0.029	ng/ul#	85
15) Phenanthrene	17.291	178	12351	0.245	ng/ul	97
16) Anthracene	17.383	178	1625	0.038	ng/ul#	73
19) Fluoranthene	19.310	202	31841	0.710	ng/ul	98
20) Pyrene	19.673	202	10957m	0.228	ng/ul	
21) Benzo(a)anthracene	21.428	228	11884	0.333	ng/ul	94
22) Chrysene	21.480	228	14233	0.350	ng/ul#	93
24) Benzo(b)fluoranthene	23.097	252	20035	0.465	ng/ul	86
25) Benzo(k)fluoranthene	23.140	252	6996m	0.165	ng/ul	
26) Benzo(a)pyrene	23.713	252	1176	0.030	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.270	276	3266	0.060	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.280	278	2566	0.061	ng/ul#	35

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040952.D
Acq On : 18 Jul 2023 13:46
Operator : MA/JU
Sample : 03458-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46N2

Manual IntegrationsAPPROVED

Quant Time: Jul 18 22:26:47 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 : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

