

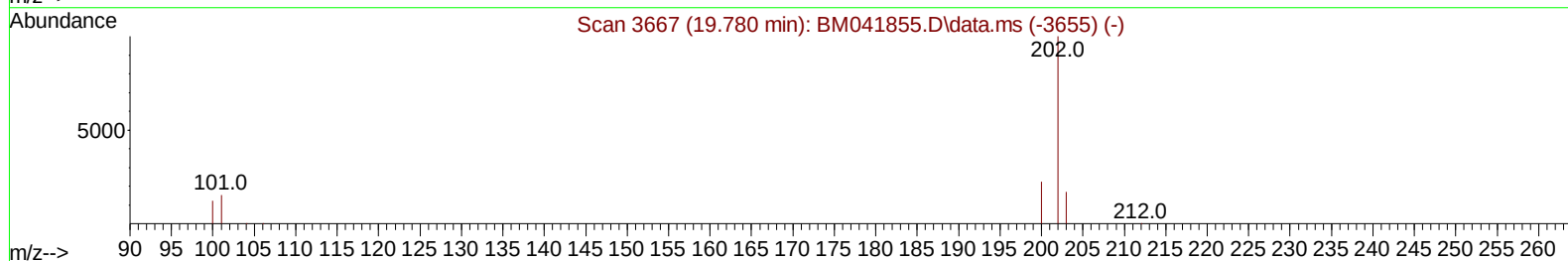
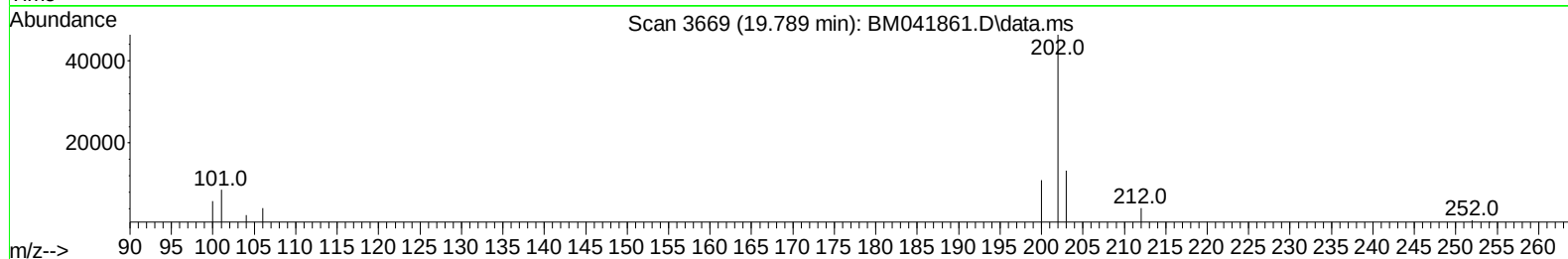
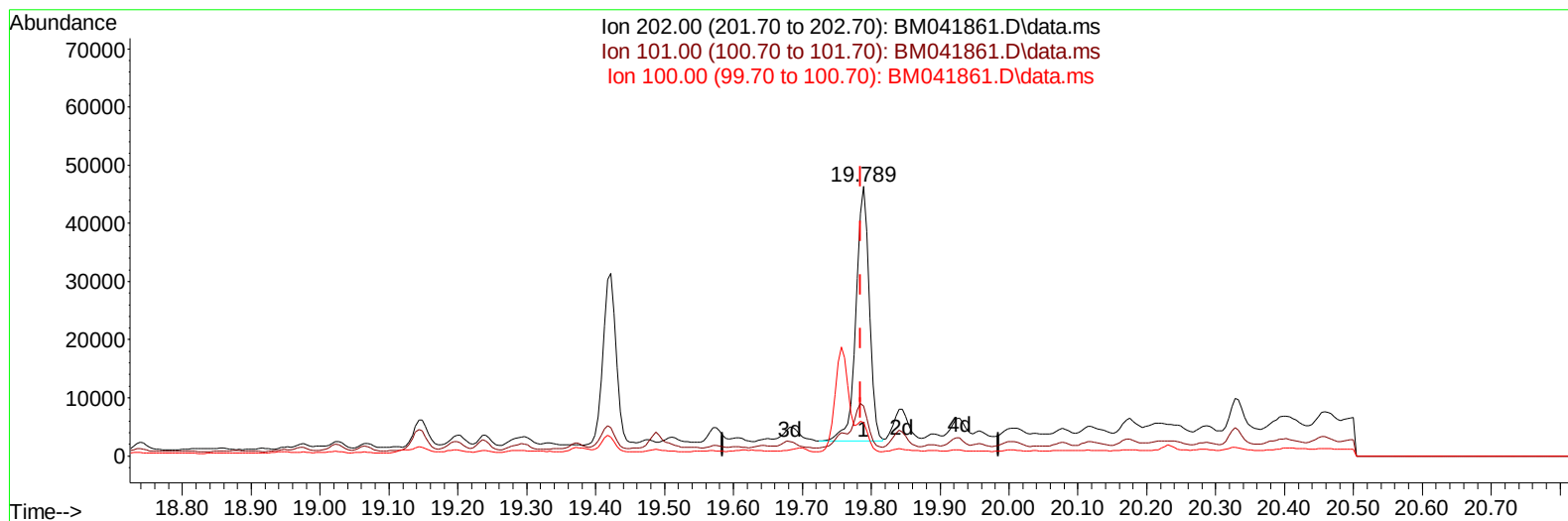
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041861.D
Acq On : 14 Sep 2023 11:20
Operator : MA/JU
Sample : 04175-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EZYX0

Manual IntegrationsAPPROVED

Quant Time: Sep 15 00:28:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



TIC: BM041861.D\data.ms

(20) Pyrene

19.789min (+ 0.004) 0.79 ng/u1

response 59754

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.80	18.52
100.00	12.40	12.51
0.00	0.00	0.00

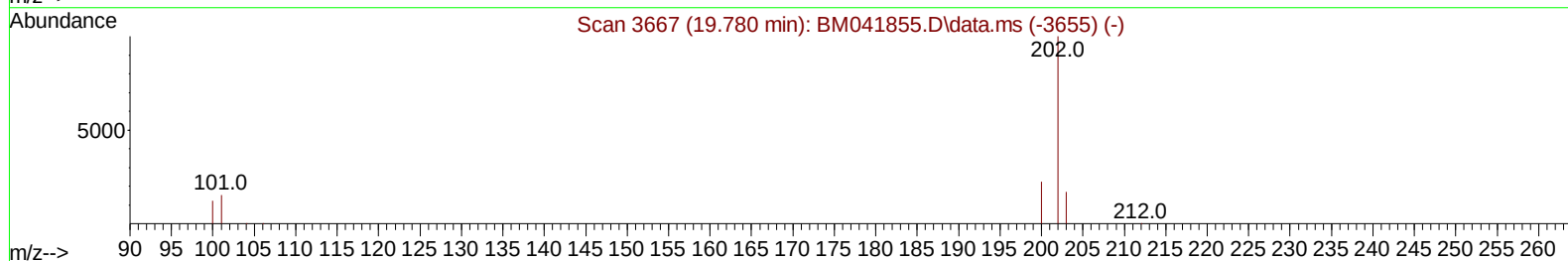
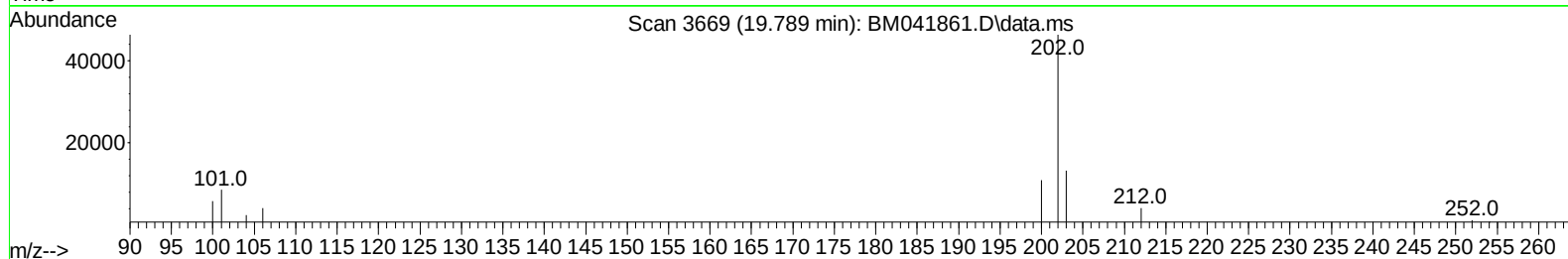
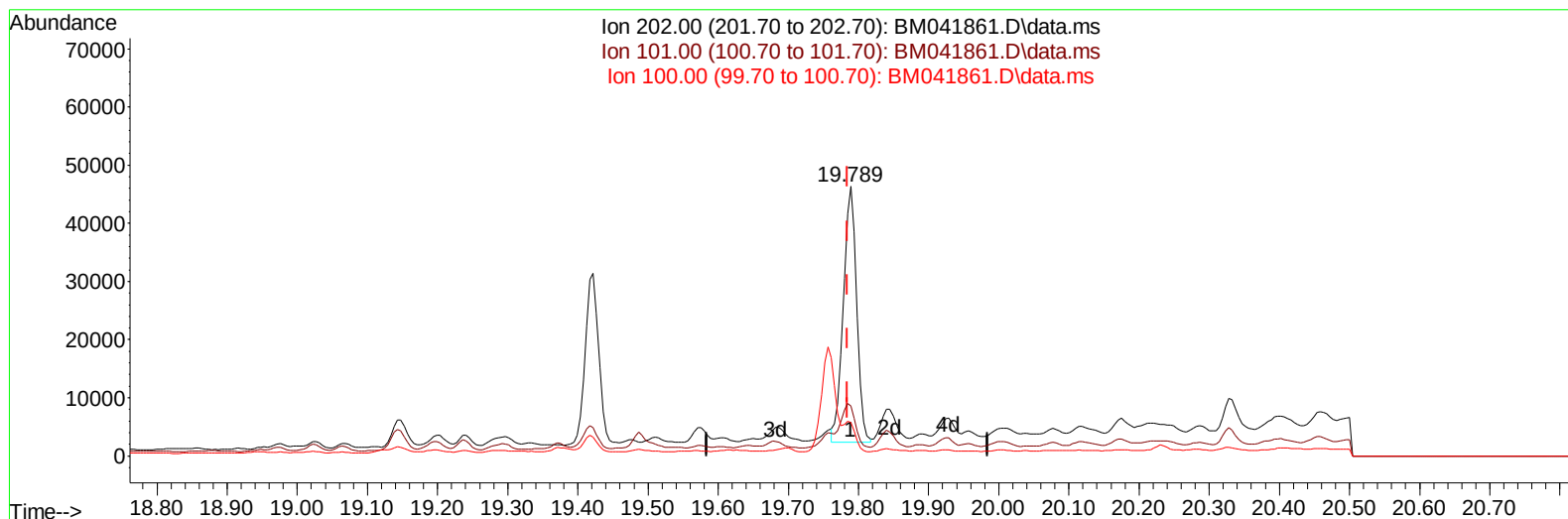
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TIC: BM041861.D\data.ms

(20) Pyrene

19.789min (+ 0.004) 0.77 ng/ul m

response 58090

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.80	18.52
100.00	12.40	12.51
0.00	0.00	0.00

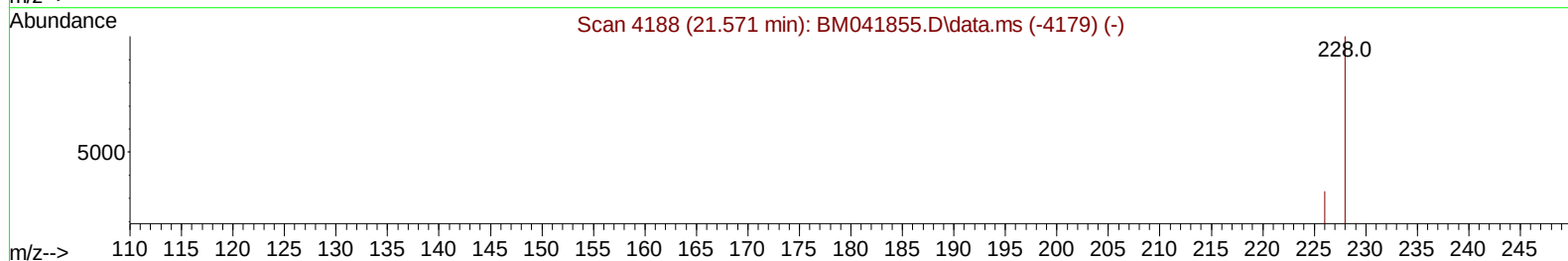
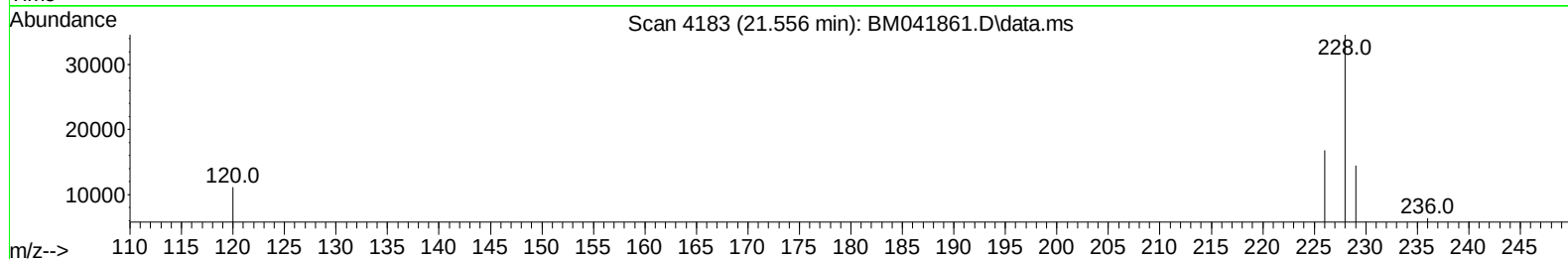
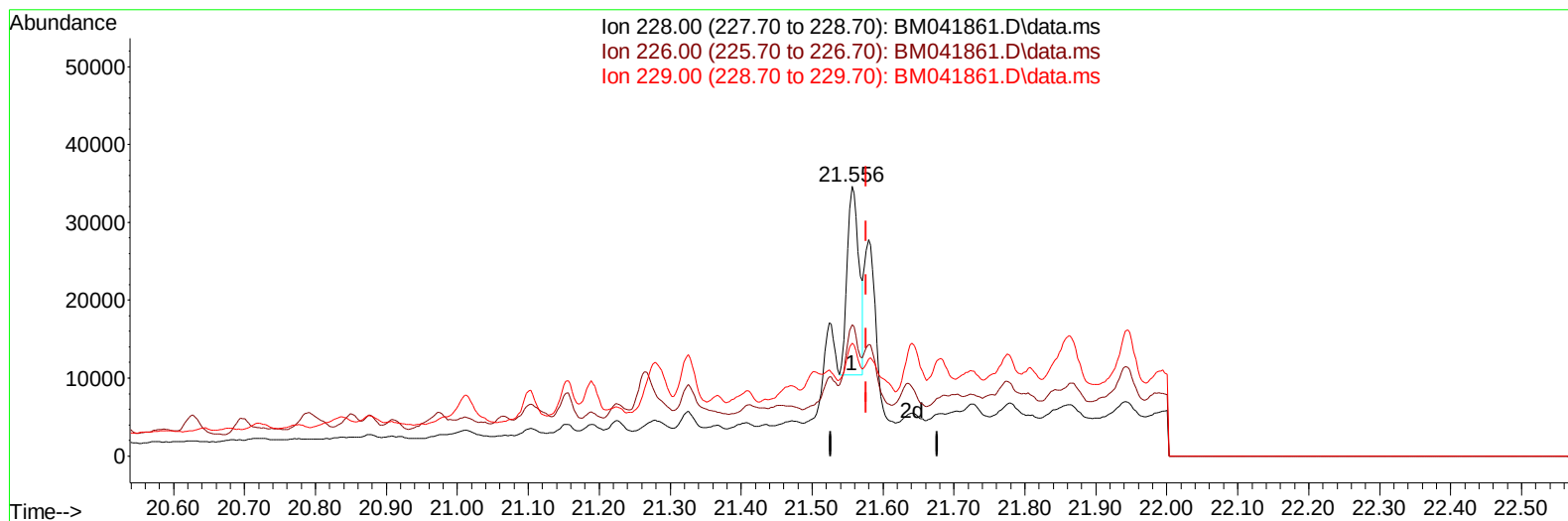
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(22) Chrysene

21.556min (-0.021) 0.45 ng/u1

response 28329

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	33.70	48.69#
229.00	19.60	41.76#
0.00	0.00	0.00

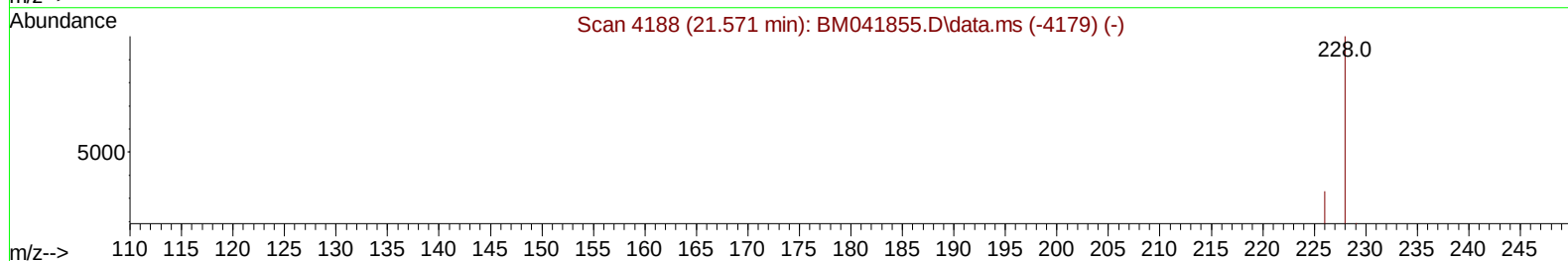
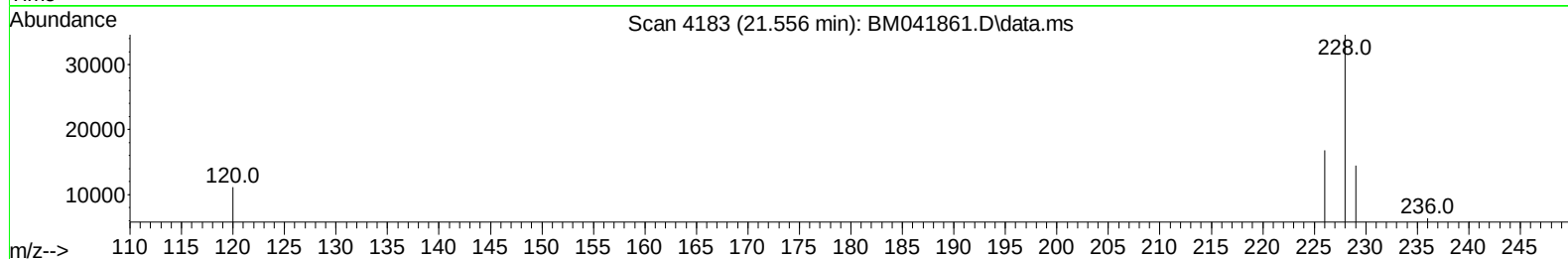
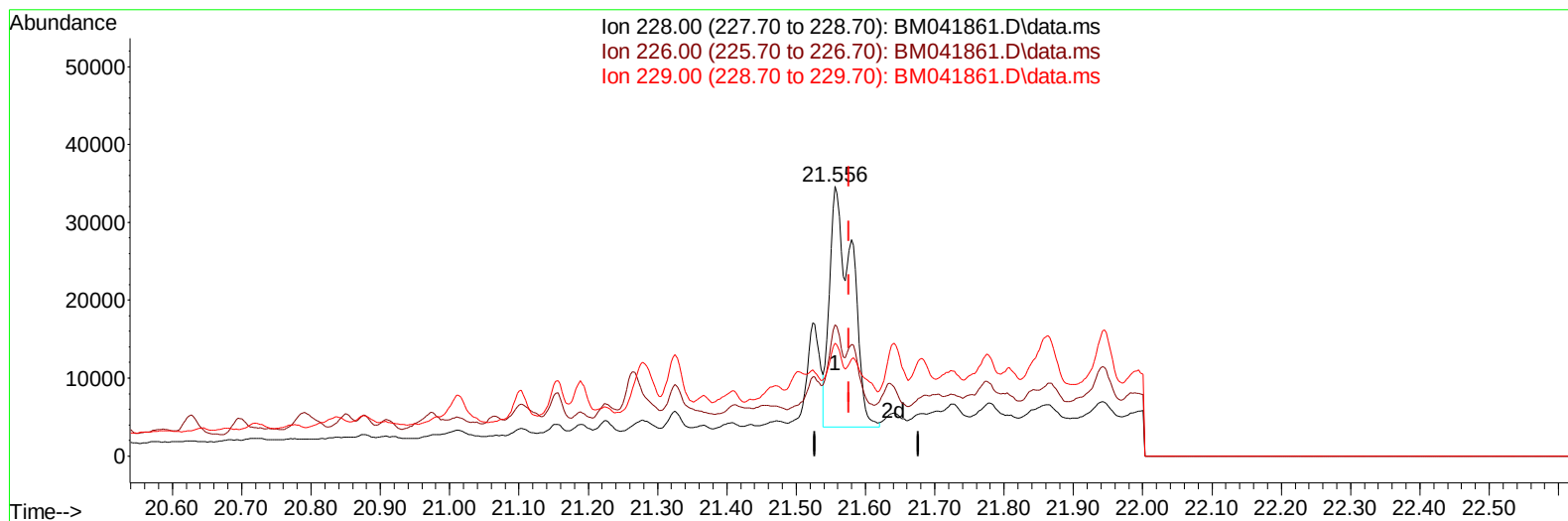
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 Operator : MA/JU
 Sample : 04175-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM041861.D\data.ms

(22) Chrysene

21.556min (-0.021) 1.09 ng/ul m

response 68553

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	33.70	48.69#
229.00	19.60	41.76#
0.00	0.00	0.00

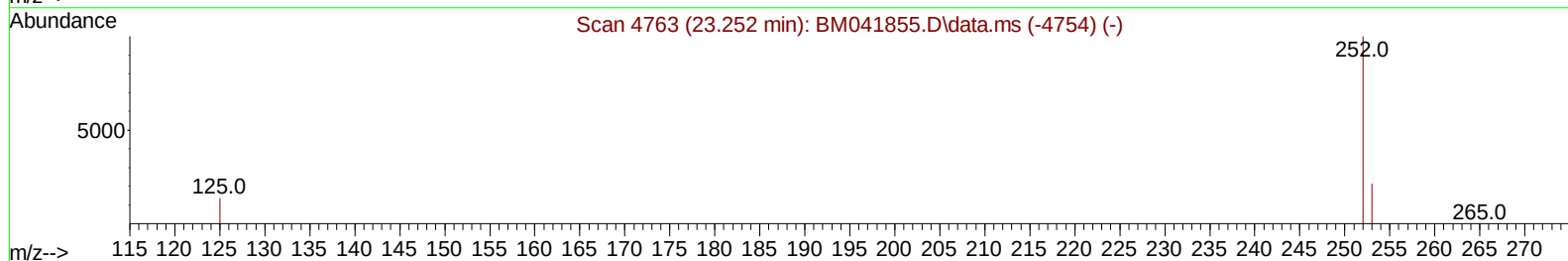
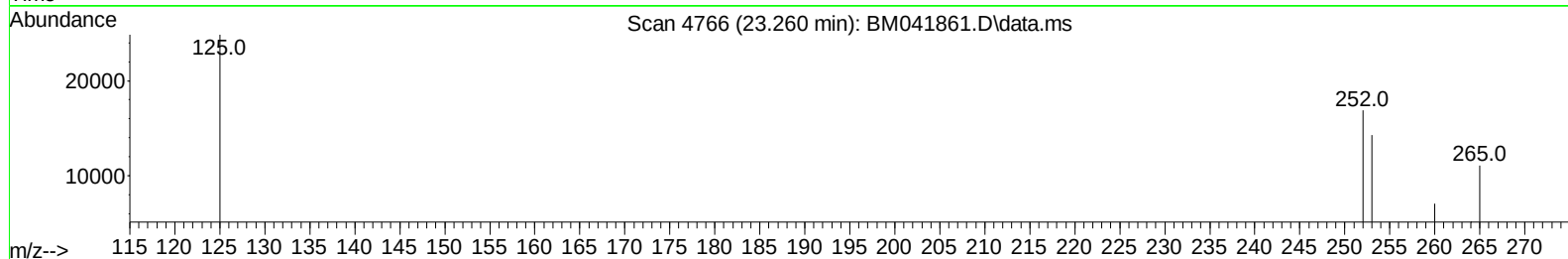
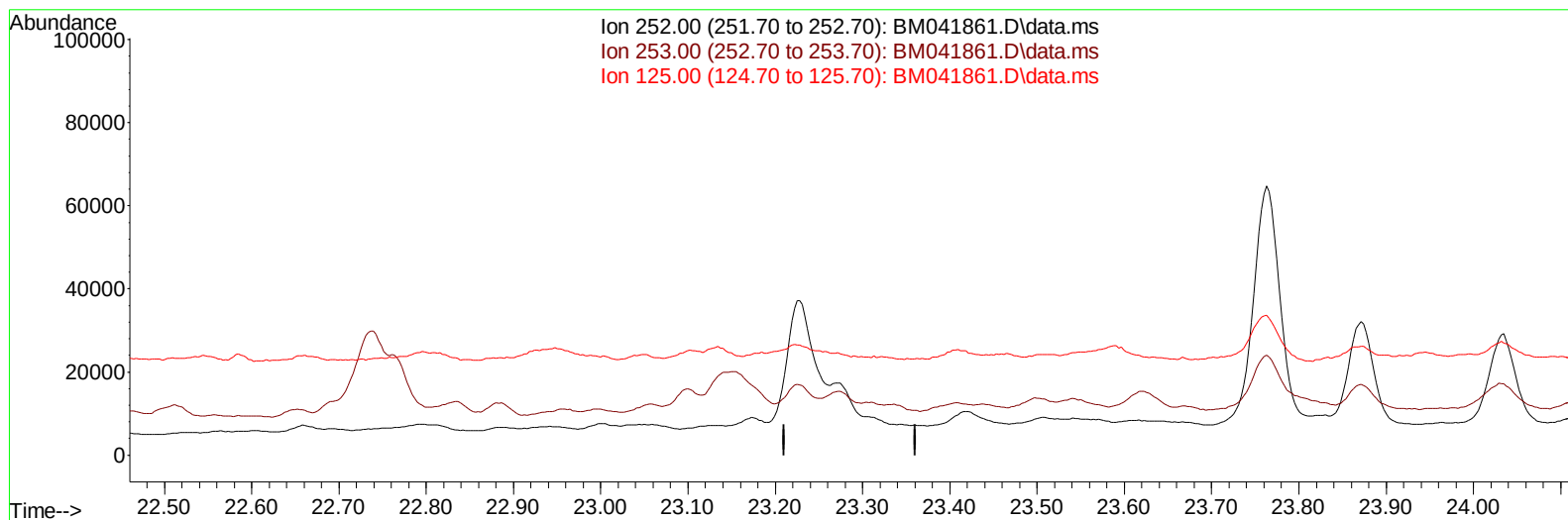
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM041861.D\data.ms

(25) Benzo(k)fluoranthene

23.260min (-23.260) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	25.20	0.00#
125.00	19.80	0.00#
0.00	0.00	0.00

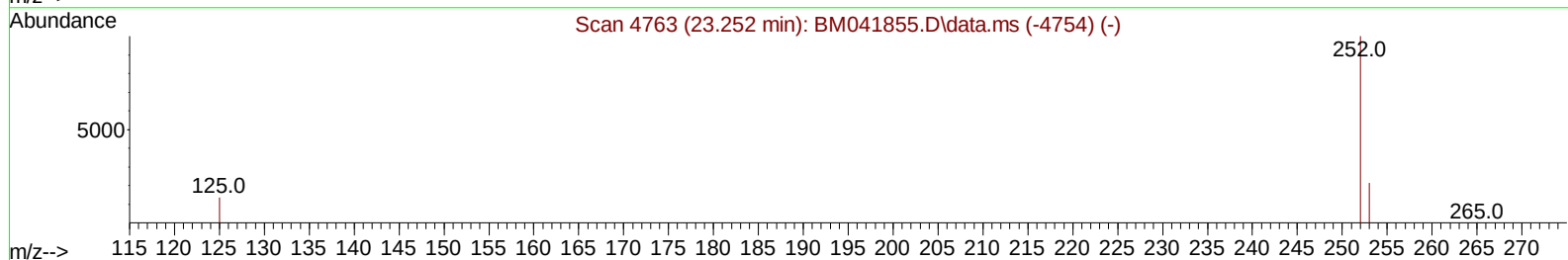
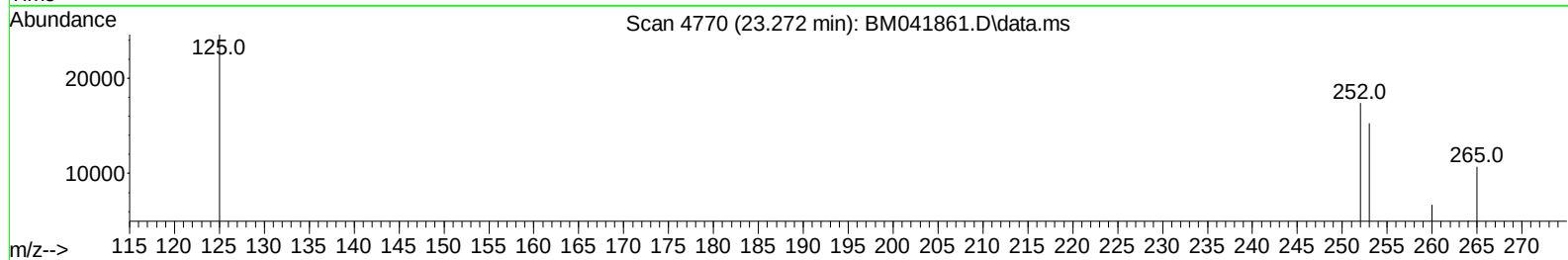
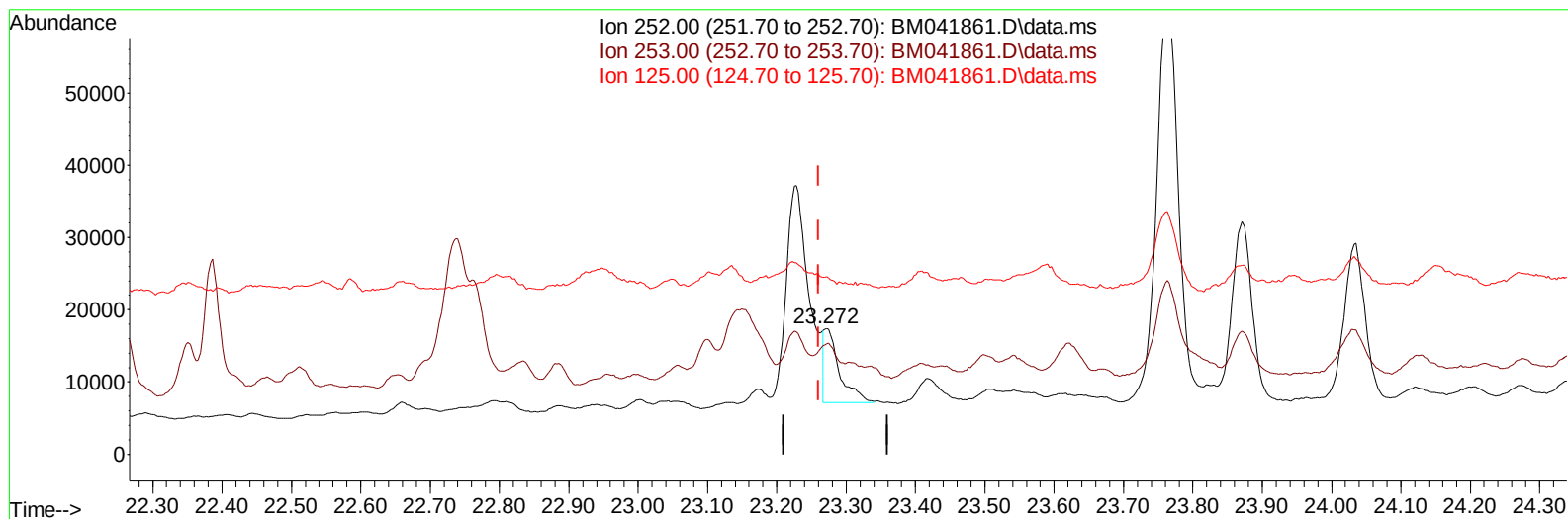
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 Acq On : 14 Sep 2023 11:20
 Operator : MA/JU
 Sample : 04175-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYX0

Manual IntegrationsAPPROVED

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TIC: BM041861.D\data.ms

(25) Benzo(k)fluoranthene

23.272min (+ 0.012) 0.19 ng/ul m

response 15844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.20	87.80#
125.00	19.80	141.27#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 04175-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/15/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	9414	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	24875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	12261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.366	188	24066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.544	240	9285	0.400	ng/ul	# 0.00
23) Perylene-d12	23.979	264	12685	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	33644	2.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	9046	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	11013	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.839	128	4326	0.052	ng/ul#	89
7) 2-Methylnaphthalene	12.445	142	5285	0.105	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	3644	0.071	ng/ul	99
10) Acenaphthylene	14.347	152	9167	0.119	ng/ul#	92
11) Acenaphthene	14.684	153	1257	0.021	ng/ul#	65
12) Fluorene	15.665	166	1727	0.025	ng/ul#	63
15) Phenanthrene	17.409	178	35532	0.338	ng/ul#	95
16) Anthracene	17.502	178	11333	0.124	ng/ul#	85
19) Fluoranthene	19.422	202	39825	0.554	ng/ul	97
20) Pyrene	19.789	202	58090m	0.771	ng/ul	
21) Benzo(a)anthracene	21.524	228	16548	0.270	ng/ul#	29
22) Chrysene	21.556	228	68553m	1.093	ng/ul	
24) Benzo(b)fluoranthene	23.228	252	65620	0.727	ng/ul#	28
25) Benzo(k)fluoranthene	23.272	252	15844m	0.190	ng/ul	
26) Benzo(a)pyrene	23.871	252	50257	0.730	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.519	276	64125	0.606	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.505	278	22609	0.290	ng/ul#	1
29) Benzo(g,h,i)perylene	27.313	276	152013	1.698	ng/ul#	85

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

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