

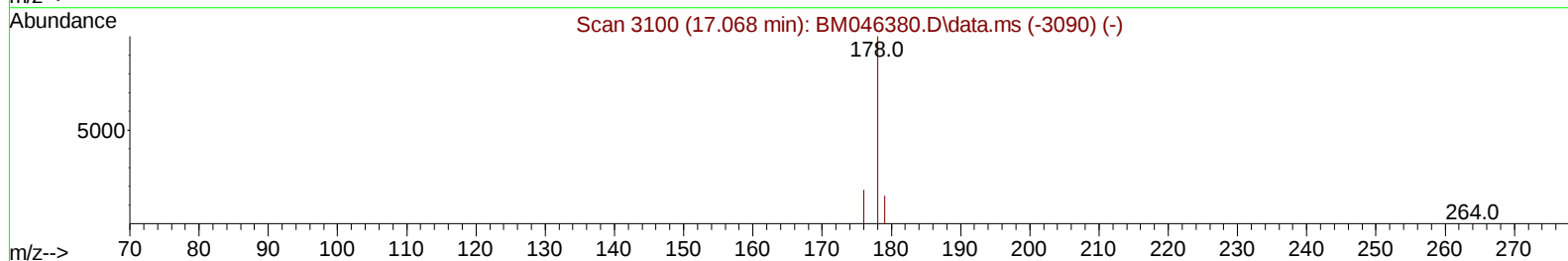
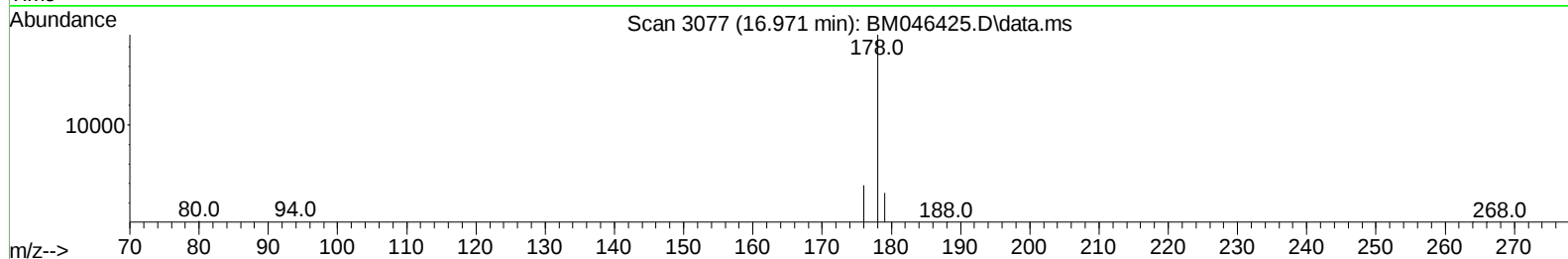
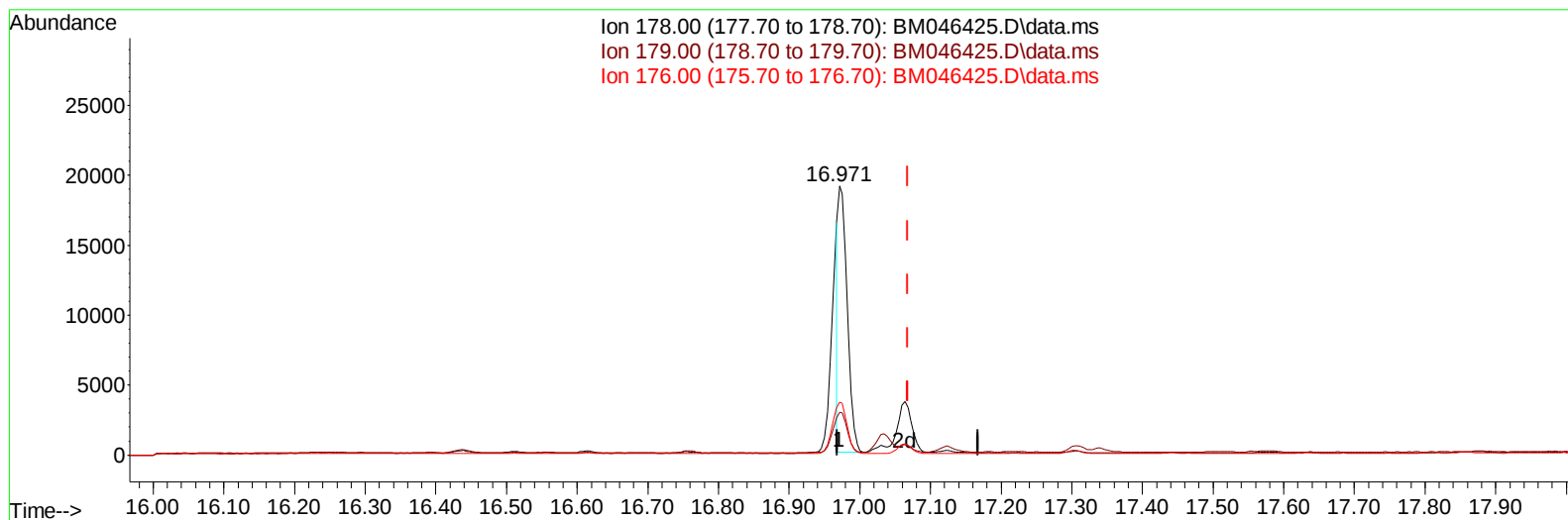
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Manual IntegrationsAPPROVED

Quant Time: Jul 08 00:50:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046425.D\data.ms

(16) Anthracene

16.971min (-0.097) 0.15 ng/u1

response 16763

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.91
176.00	18.60	19.79
0.00	0.00	0.00

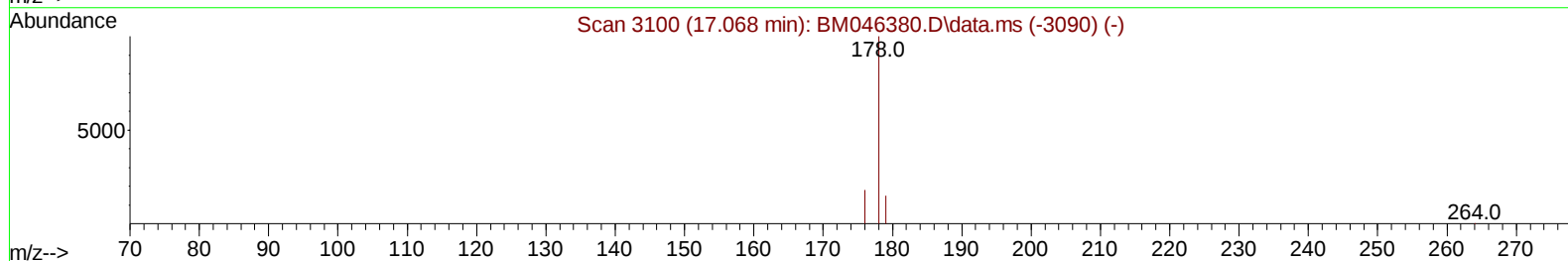
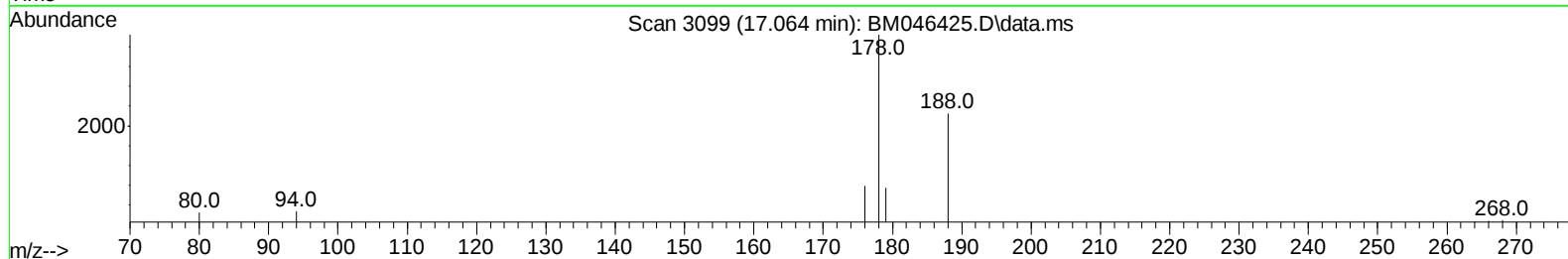
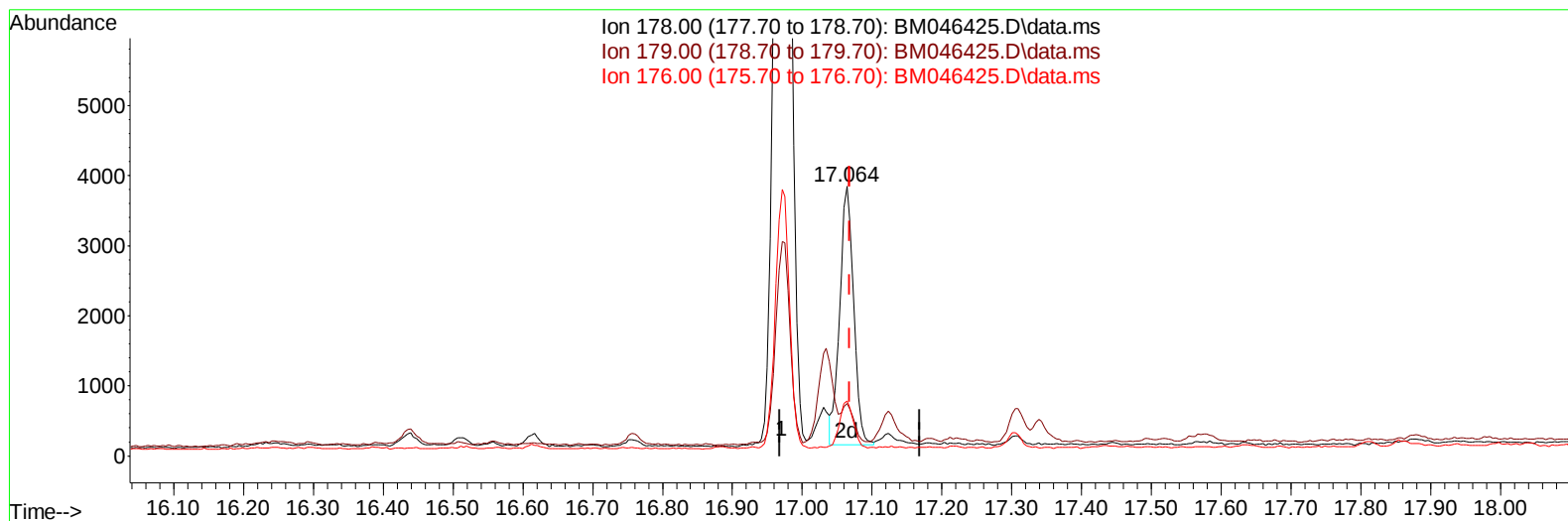
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046425.D\data.ms

(16) Anthracene

17.064min (-0.004) 0.05 ng/ul m

response 5131

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	19.38#
176.00	18.60	20.32
0.00	0.00	0.00

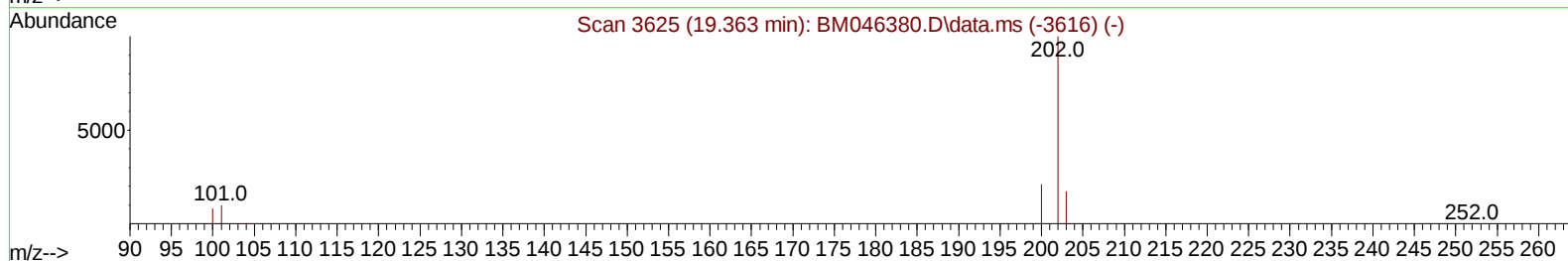
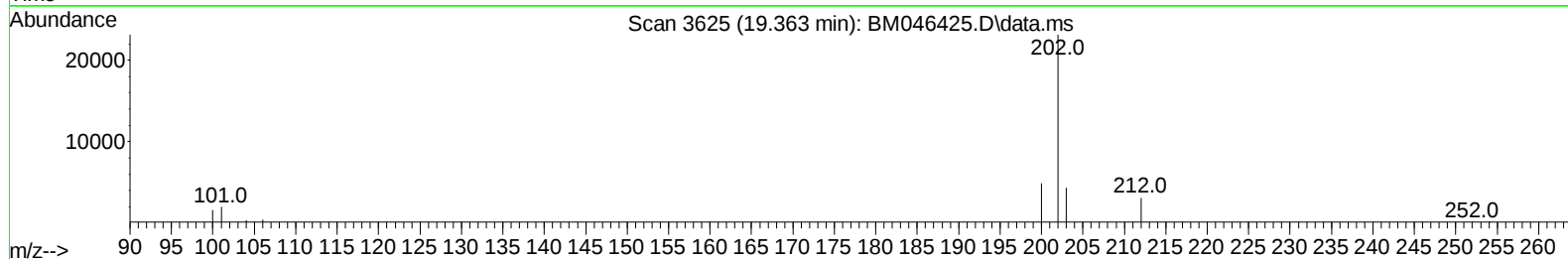
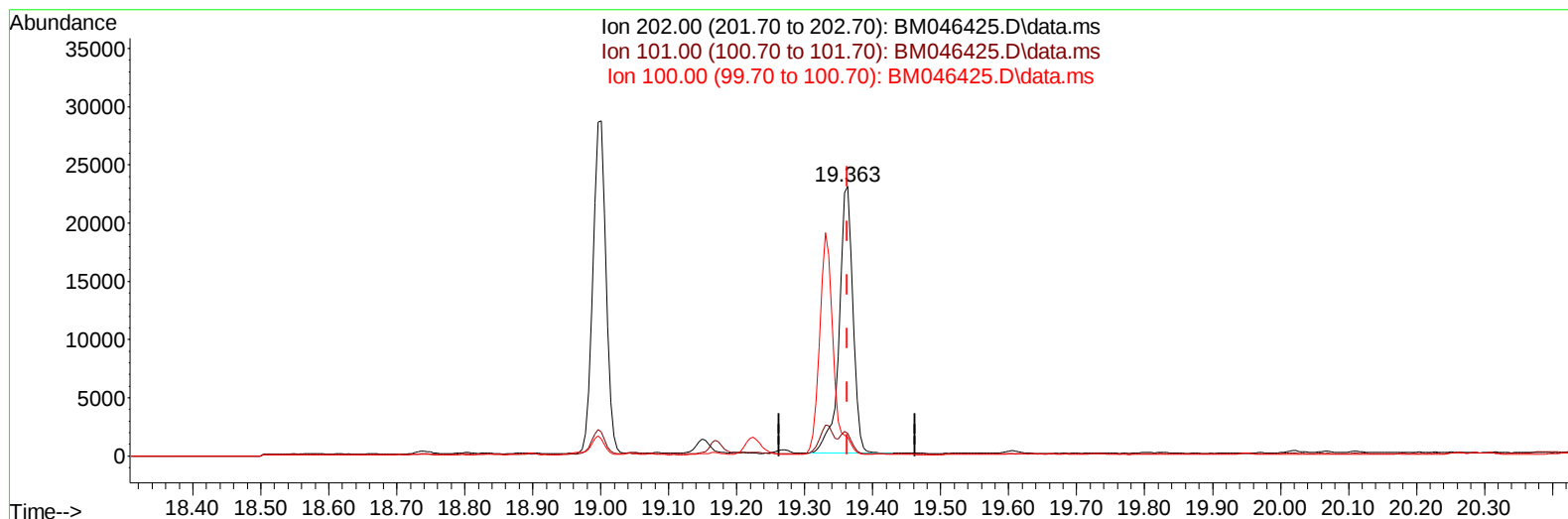
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046425.D\data.ms

(20) Pyrene

19.363min (+ 0.000) 0.35 ng/u1

response 32267

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	8.45
100.00	8.60	6.98
0.00	0.00	0.00

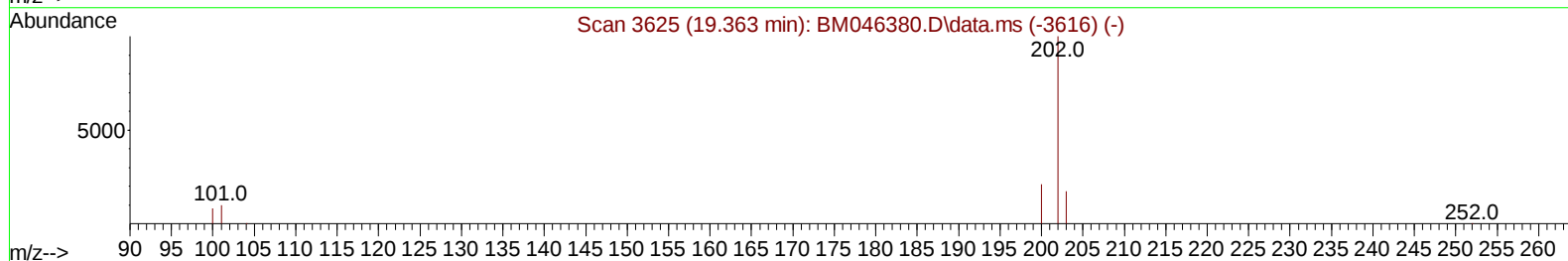
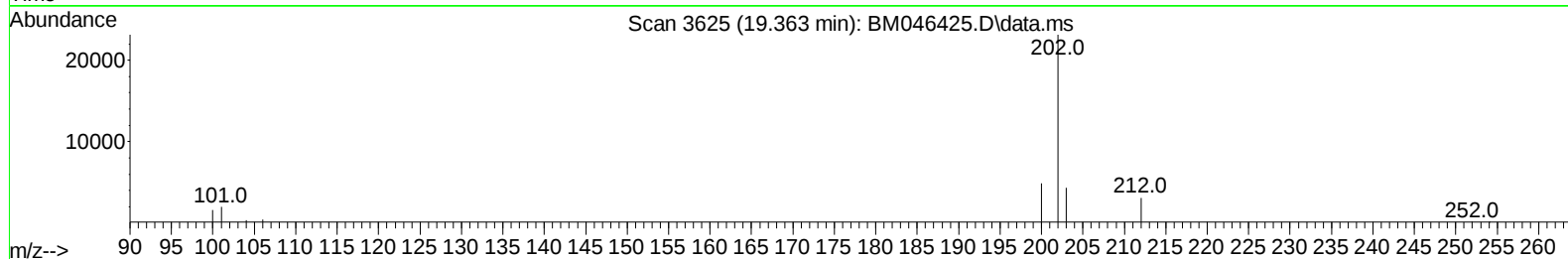
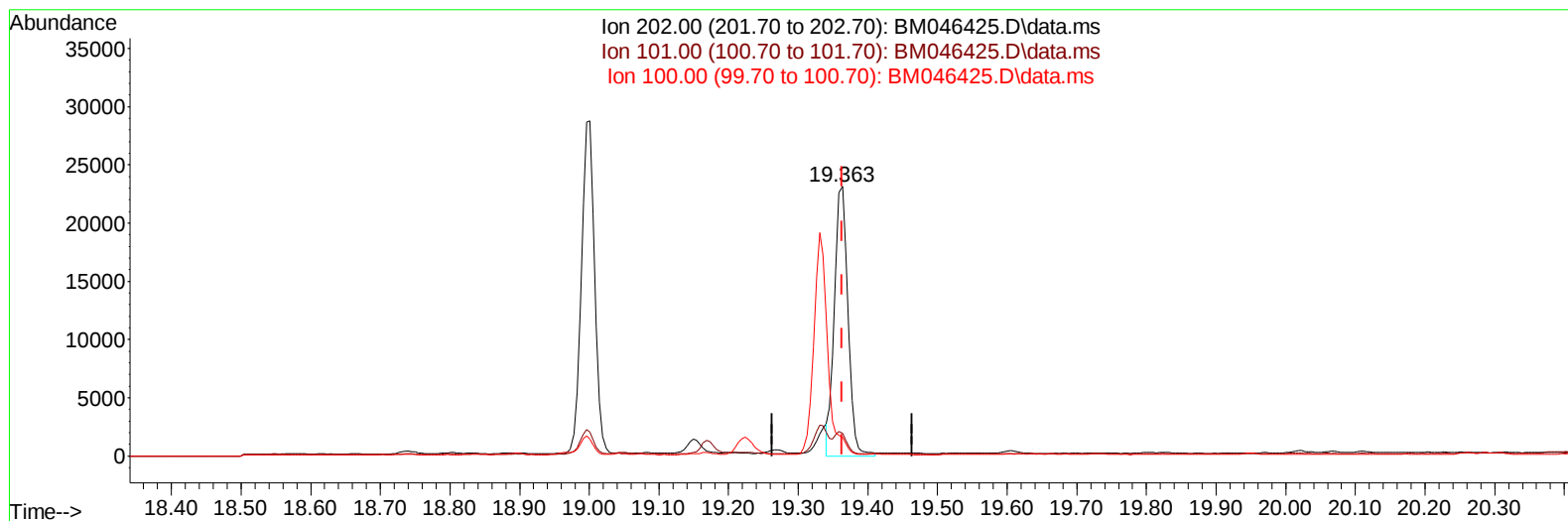
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046425.D\data.ms

(20) Pyrene

19.363min (+ 0.000) 0.34 ng/ul m

response 30914

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	8.45
100.00	8.60	6.98
0.00	0.00	0.00

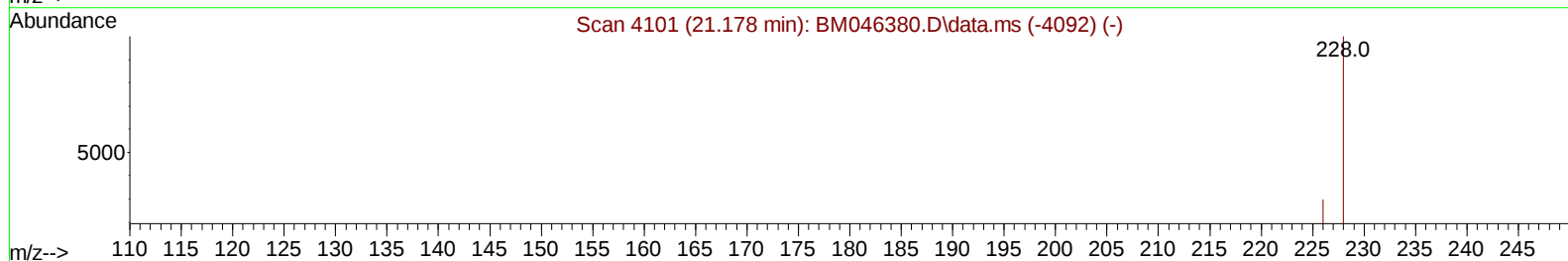
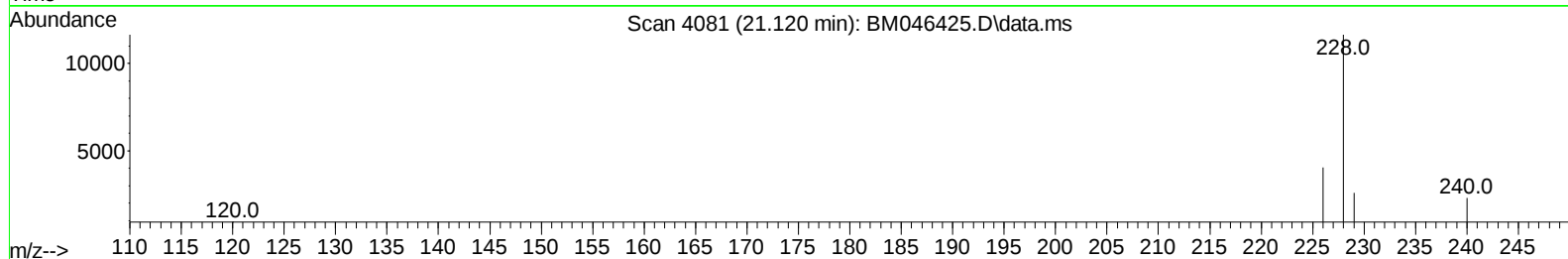
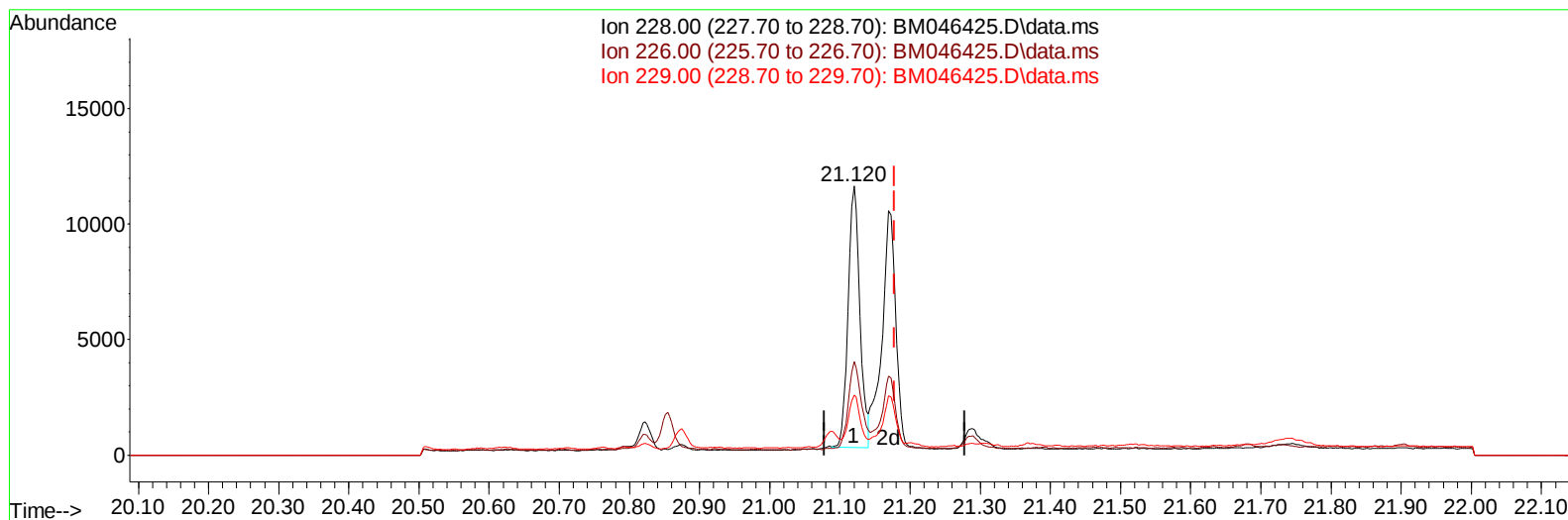
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Operator : MA/JU
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046425.D\data.ms

(22) Chrysene

21.120min (-0.058) 0.17 ng/u1

response 13238

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	34.76
229.00	19.70	22.31
0.00	0.00	0.00

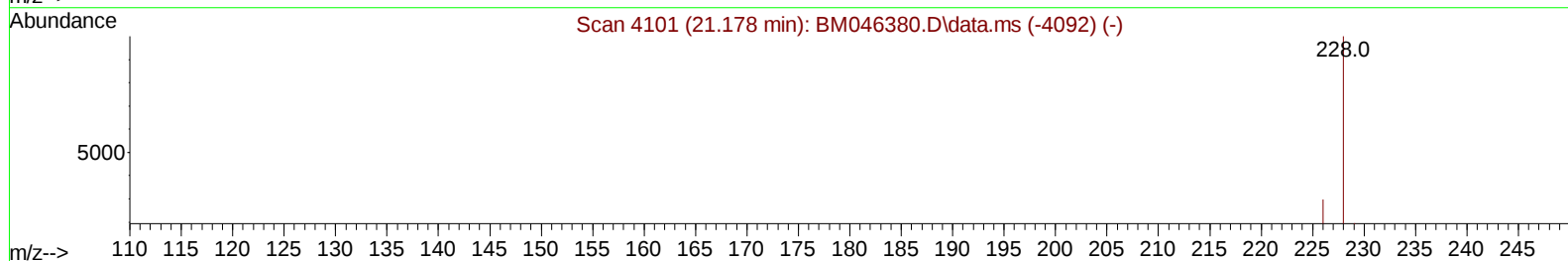
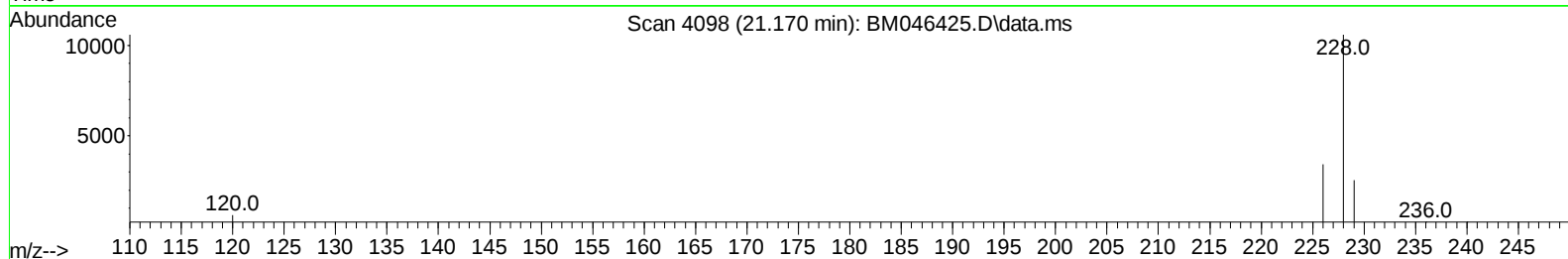
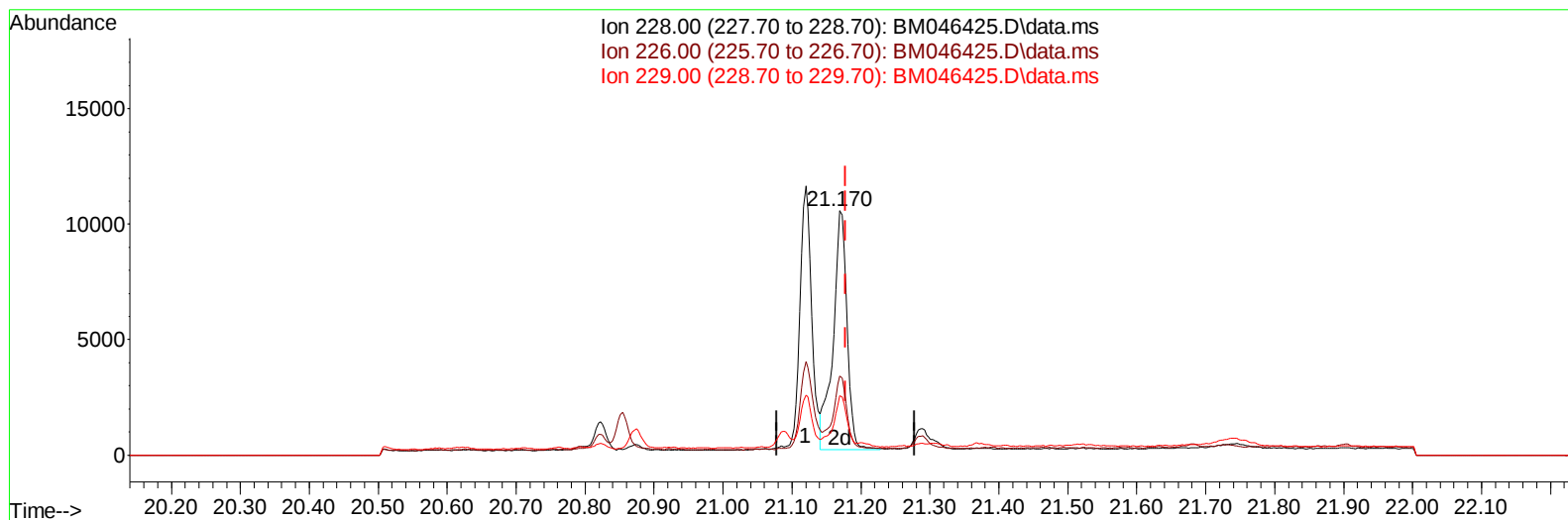
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:50:11 2024
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TIC: BM046425.D\data.ms

(22) Chrysene

21.170min (-0.009) 0.19 ng/ul m

response 14581

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	32.41
229.00	19.70	24.18#
0.00	0.00	0.00

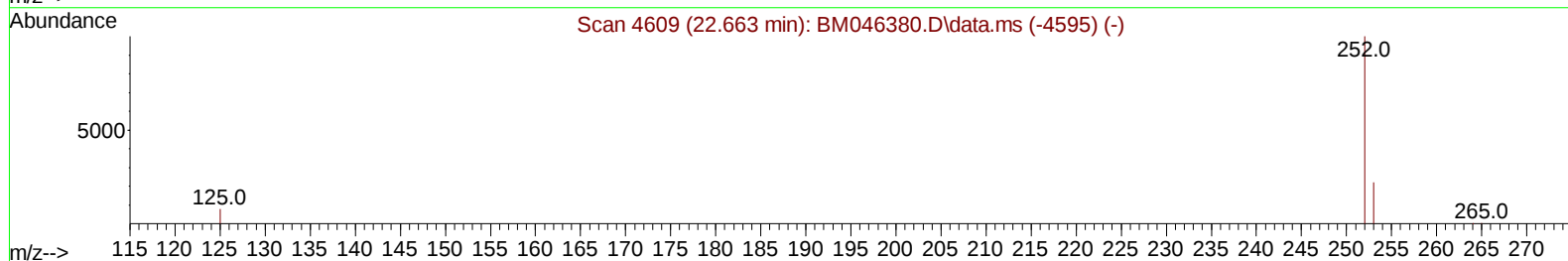
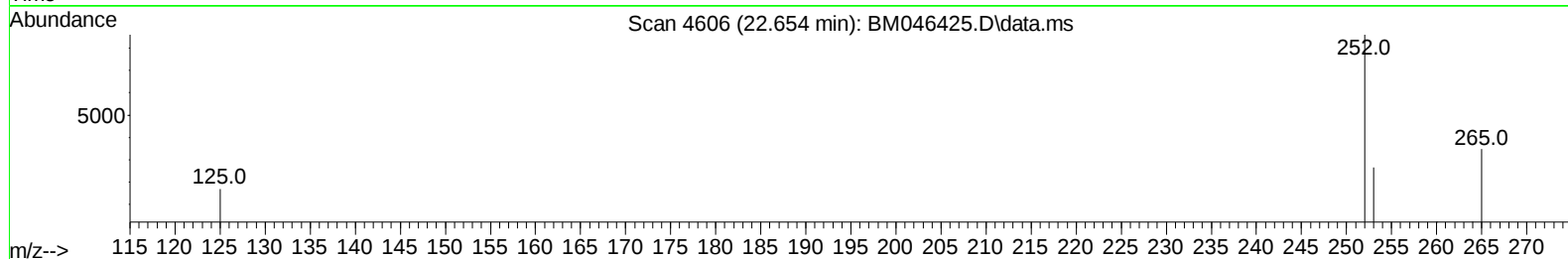
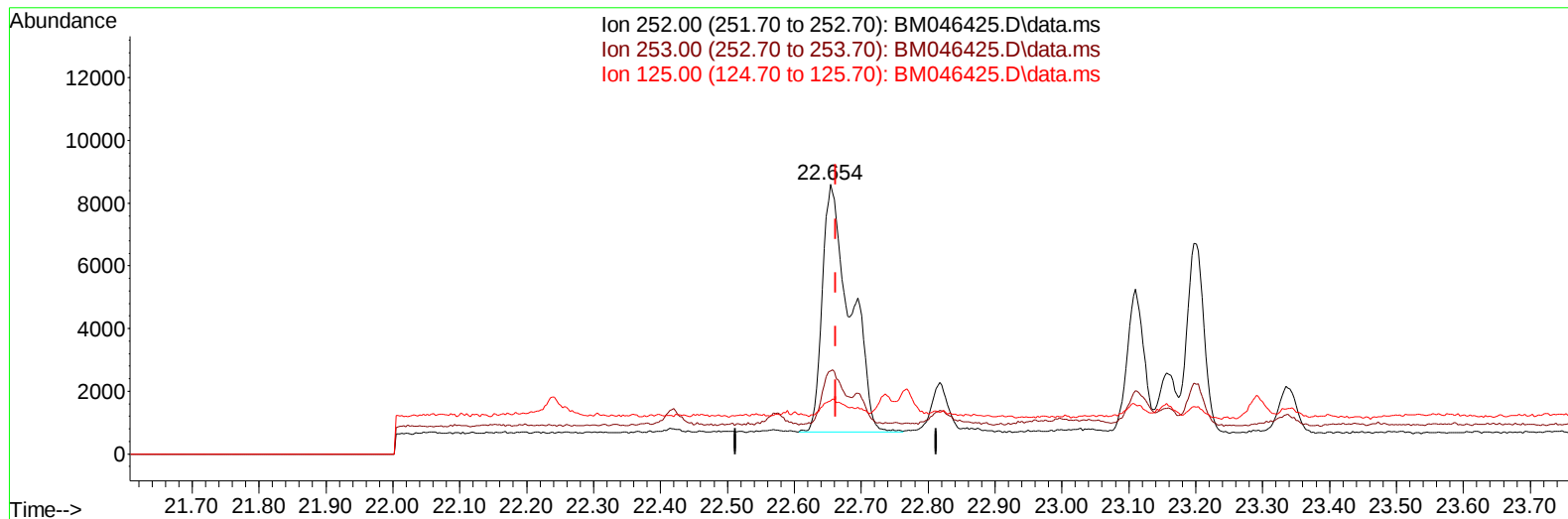
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Manual IntegrationsAPPROVED

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TIC: BM046425.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (-0.009) 0.31 ng/u1

response 22856

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	30.78
125.00	9.20	19.80#
0.00	0.00	0.00

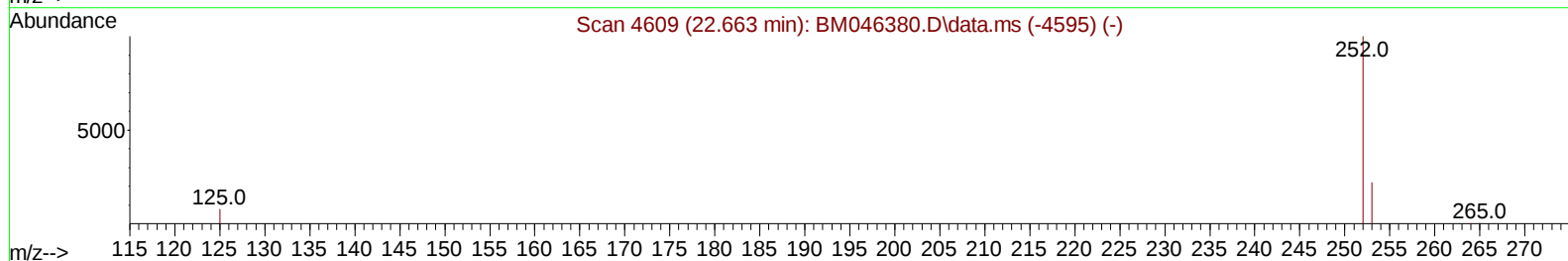
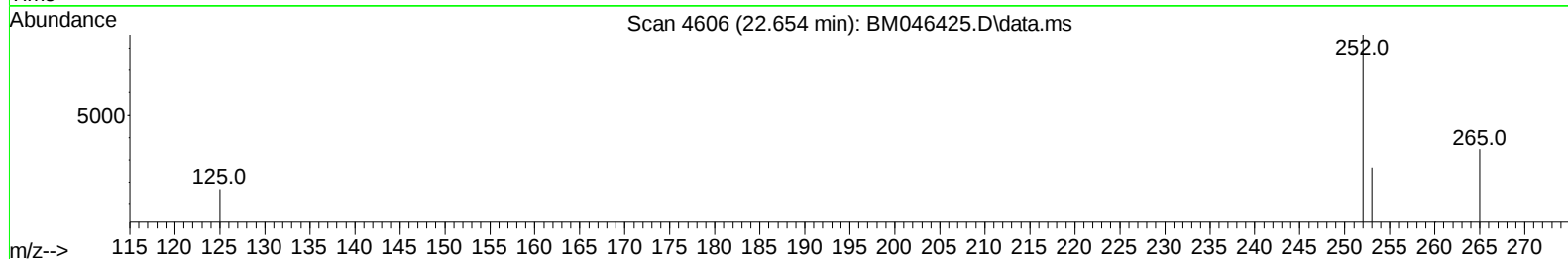
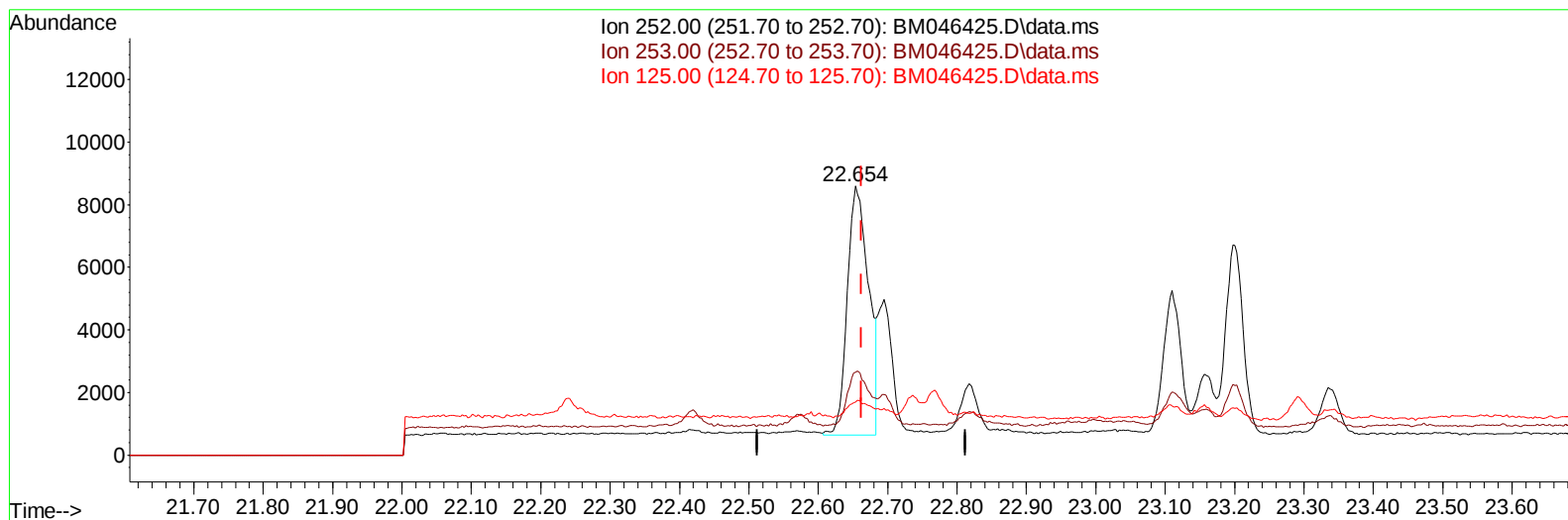
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046425.D
Acq On : 06 Jul 2024 18:51
Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 08 00:50:11 2024
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TIC: BM046425.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (-0.009) 0.23 ng/u1 m

response 16988

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	30.78
125.00	9.20	19.80#
0.00	0.00	0.00

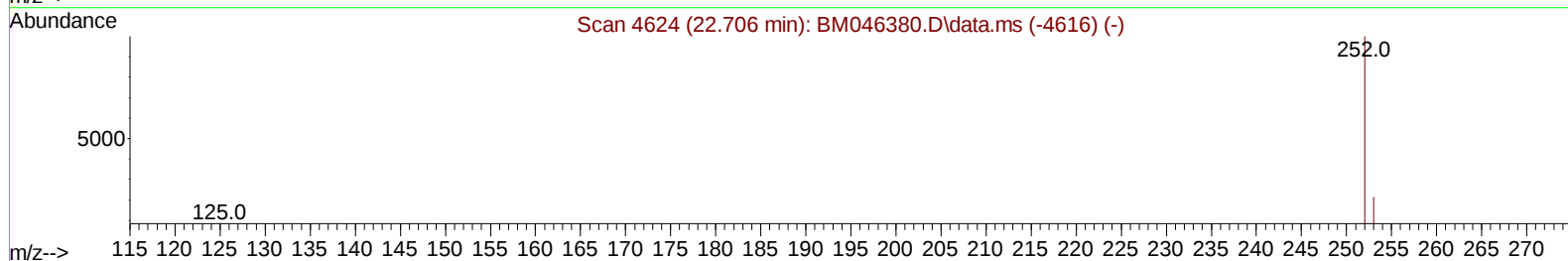
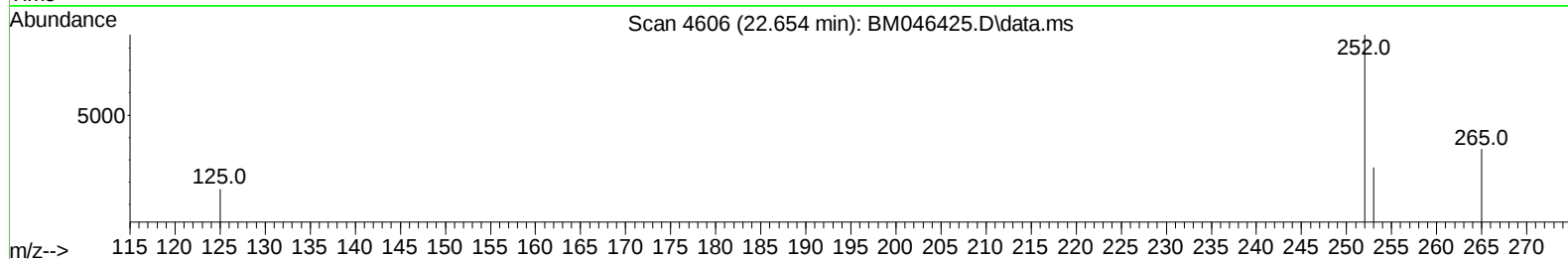
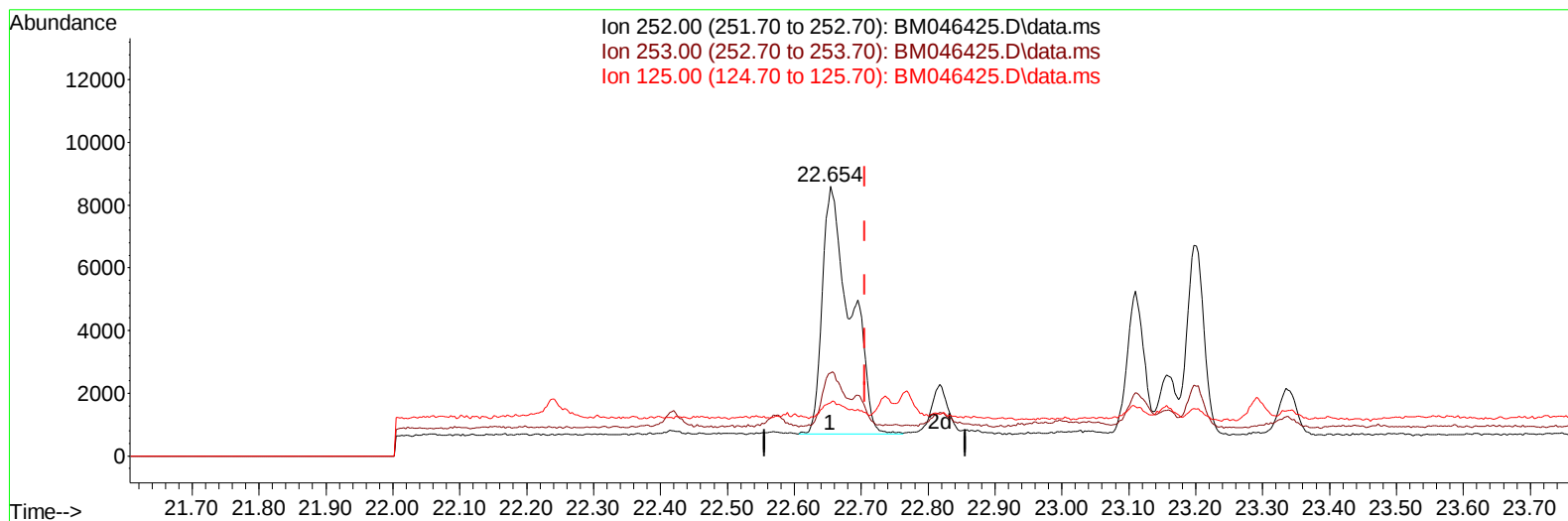
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Operator : MA/JU
Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BC8

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TIC: BM046425.D\data.ms

(25) Benzo(k)fluoranthene

22.654min (-0.052) 0.30 ng/u1

response 22856

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	30.78#
125.00	9.40	19.80#
0.00	0.00	0.00

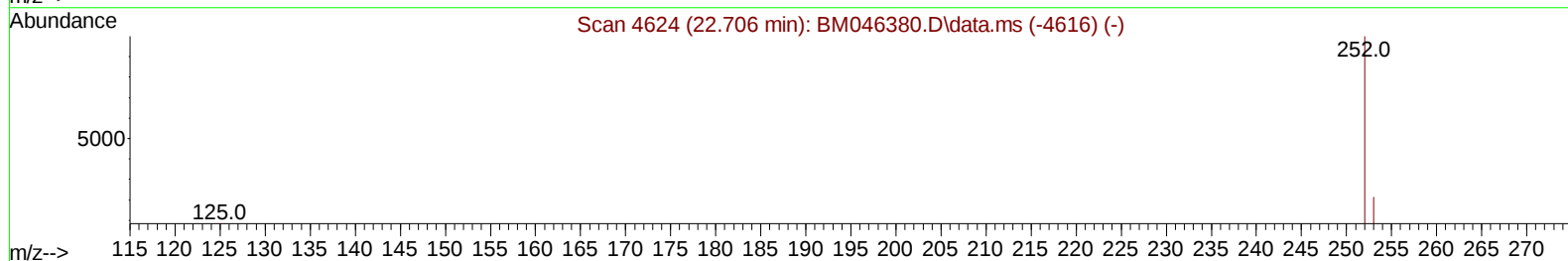
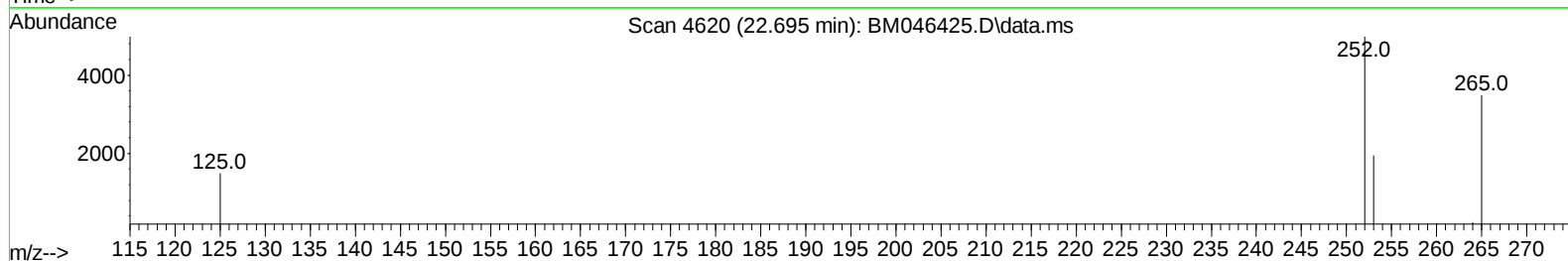
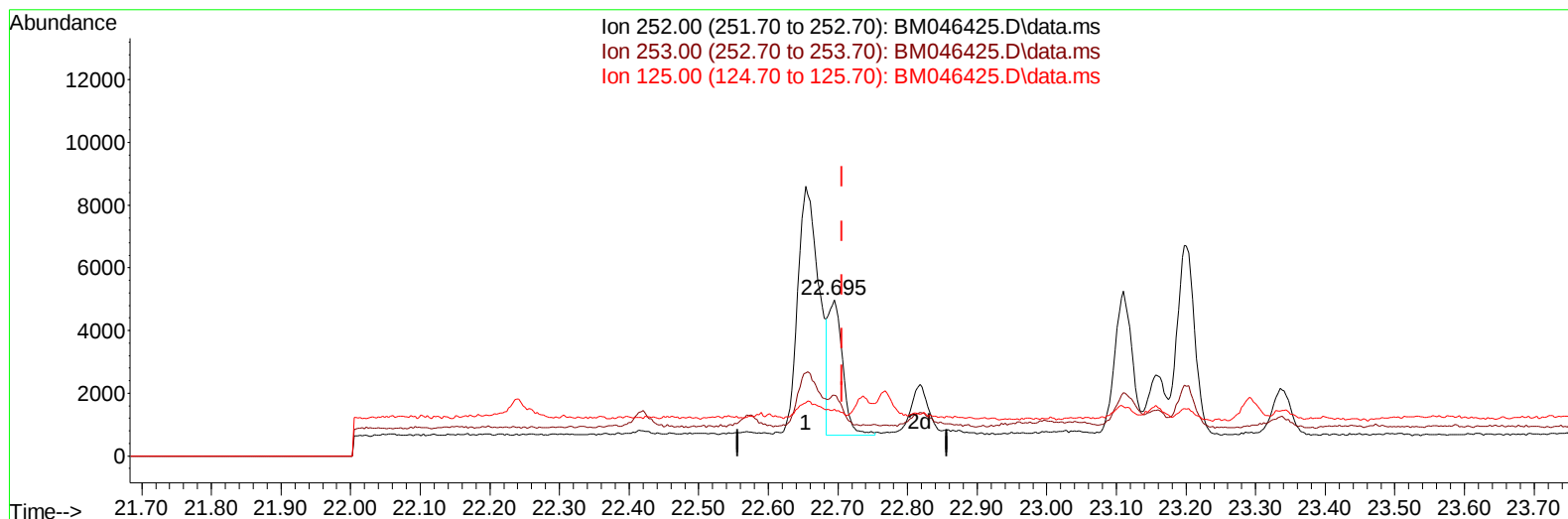
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Sample : P2982-24
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046425.D\data.ms

(25) Benzo(k)fluoranthene

22.695min (-0.012) 0.08 ng/u1 m

response 6189

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	38.98#
125.00	9.40	29.92#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2982-24
 Misc :
 ALS Vial : 51 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	7.535	152		11591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136		34404	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.177	164		20324	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188		38275	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240		17588	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264		17489	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.130	96		21641	1.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152		9390	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.968	212		13314	0.216	ng/ul	0.00
Target Compounds							
							Qvalue
5) Naphthalene	10.347	128		2080	0.023	ng/ul#	84
10) Acenaphthylene	13.895	152		3252	0.032	ng/ul#	88
15) Phenanthrene	16.971	178		26963	0.235	ng/ul	100
16) Anthracene	17.064	178		5131m	0.046	ng/ul	
19) Fluoranthene	19.001	202		38048	0.428	ng/ul	97
20) Pyrene	19.363	202		30914m	0.338	ng/ul	
21) Benzo(a)anthracene	21.120	228		13147	0.167	ng/ul#	90
22) Chrysene	21.170	228		14581m	0.187	ng/ul	
24) Benzo(b)fluoranthene	22.654	252		16988m	0.228	ng/ul	
25) Benzo(k)fluoranthene	22.695	252		6189m	0.082	ng/ul	
26) Benzo(a)pyrene	23.198	252		10606	0.180	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.430	276		8458	0.107	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.447	278		2117	0.034	ng/ul#	6
29) Benzo(g,h,i)perylene	26.081	276		8469	0.134	ng/ul#	84

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

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