

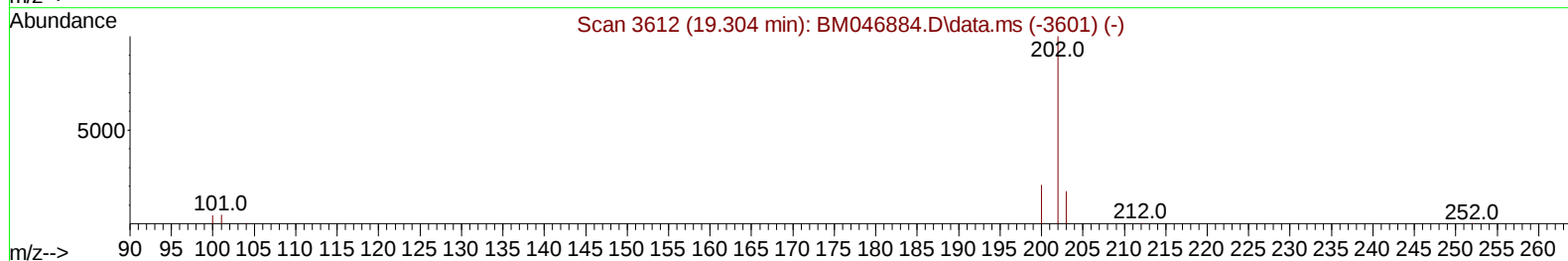
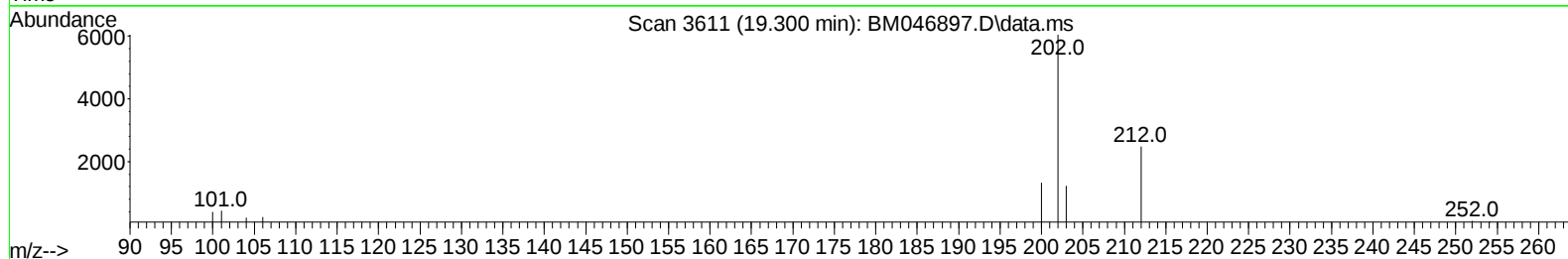
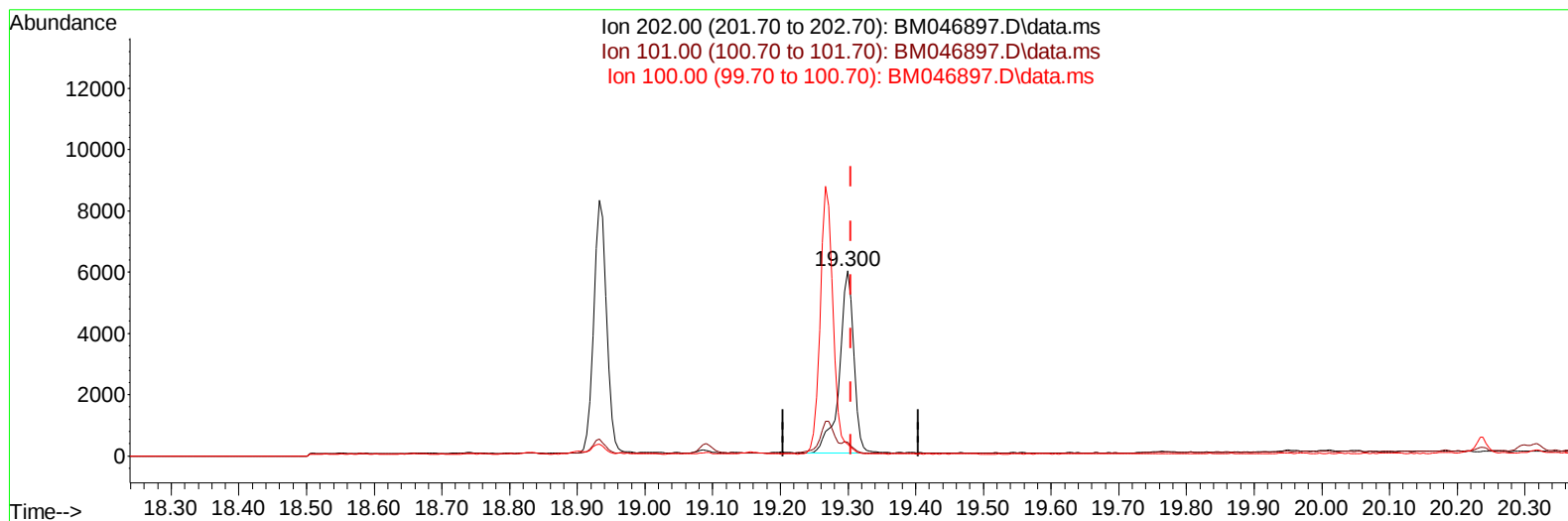
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024



TIC: BM046897.D\data.ms

(20) Pyrene

19.300min (-0.005) 0.19 ng/u1

response 8797

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	7.24
100.00	5.40	6.48#
0.00	0.00	0.00

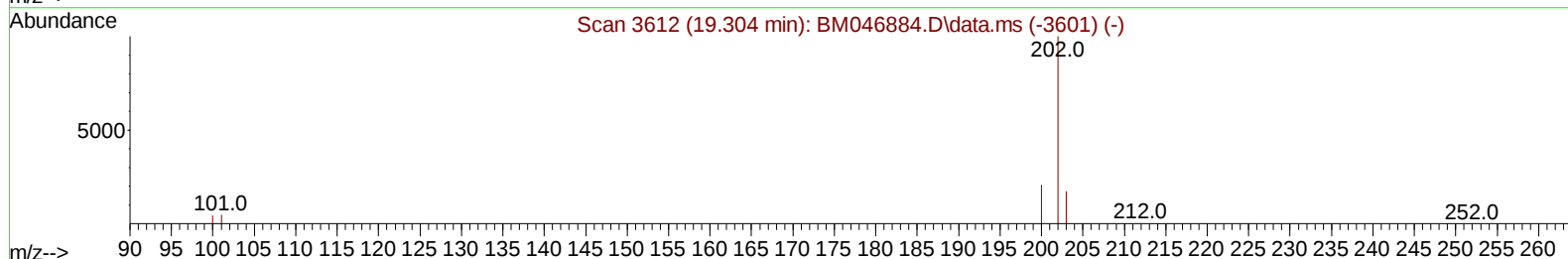
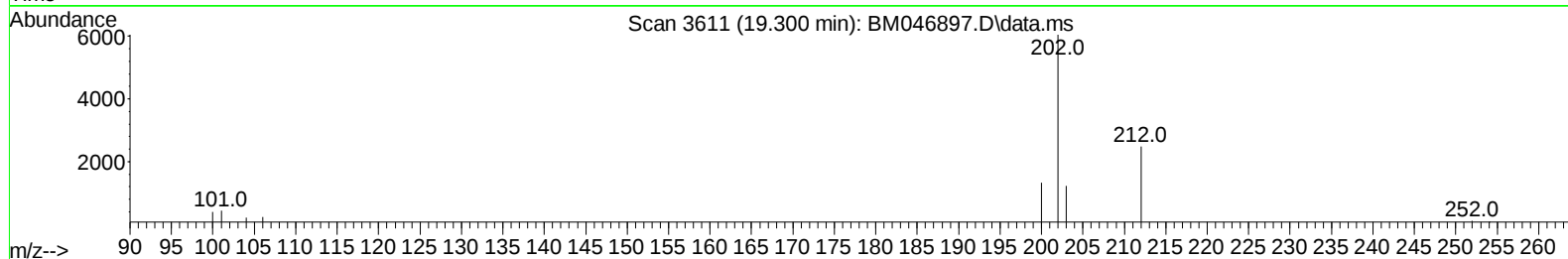
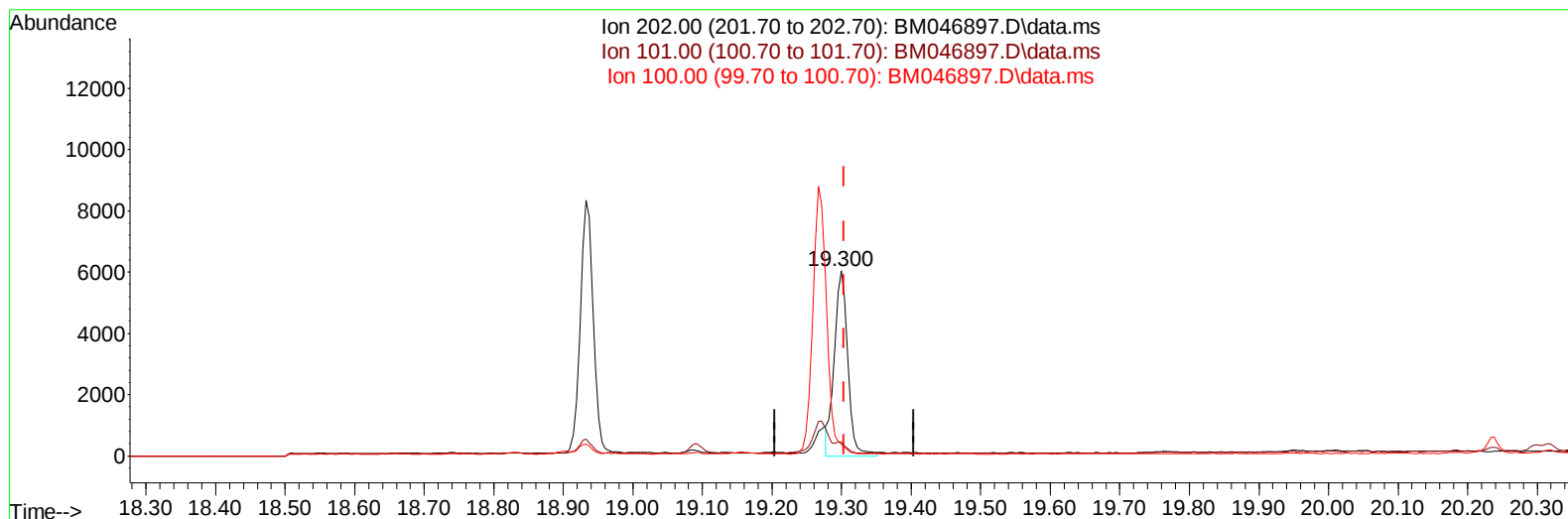
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:03:17 2024
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TIC: BM046897.D\data.ms

(20) Pyrene

19.300min (-0.005) 0.18 ng/ul m

response 8300

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.50	7.24
100.00	5.40	6.48#
0.00	0.00	0.00

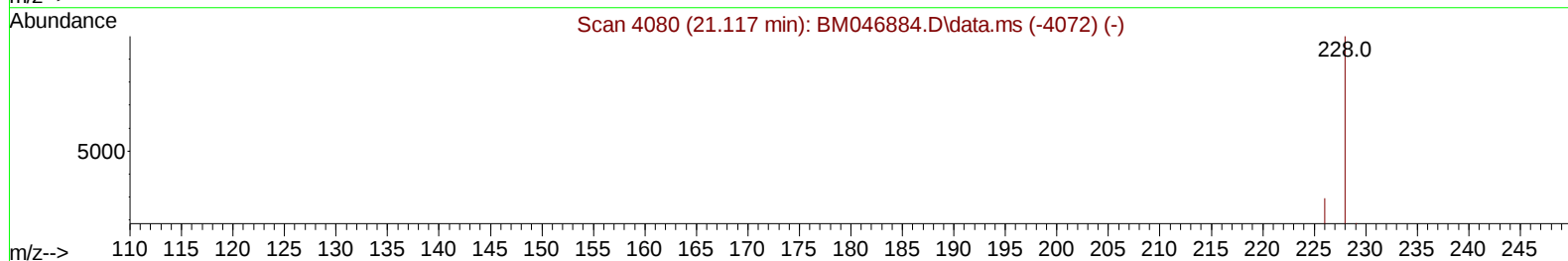
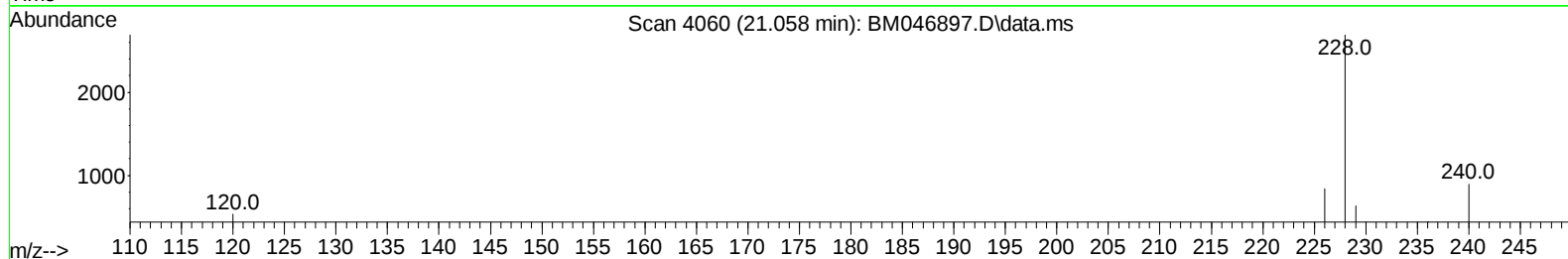
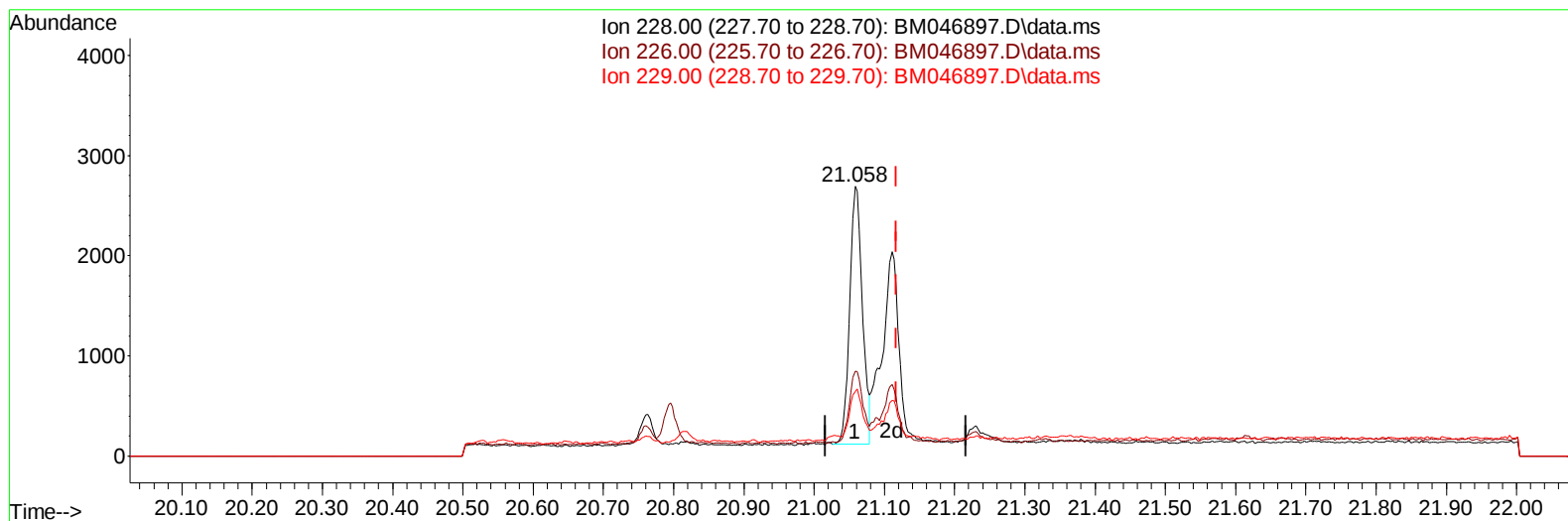
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
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Operator : MA/JU
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Manual IntegrationsAPPROVED

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TIC: BM046897.D\data.ms

(22) Chrysene

21.058min (-0.058) 0.08 ng/u1

response 3244

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	31.43
229.00	20.20	23.85
0.00	0.00	0.00

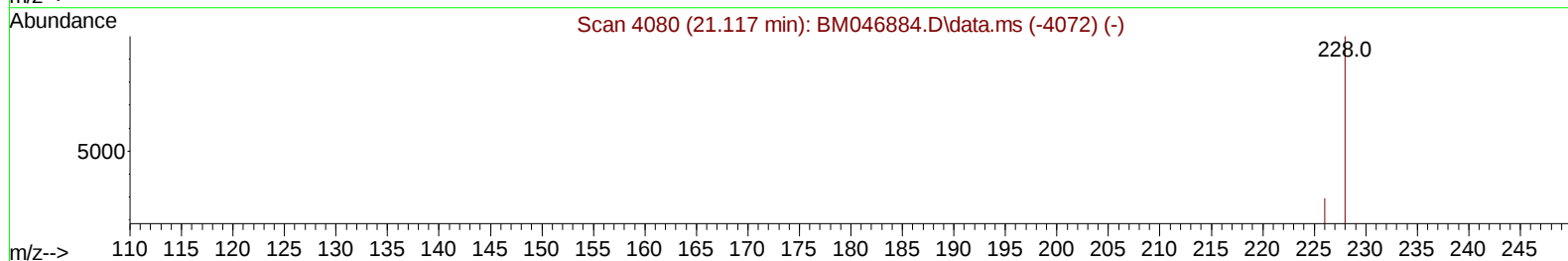
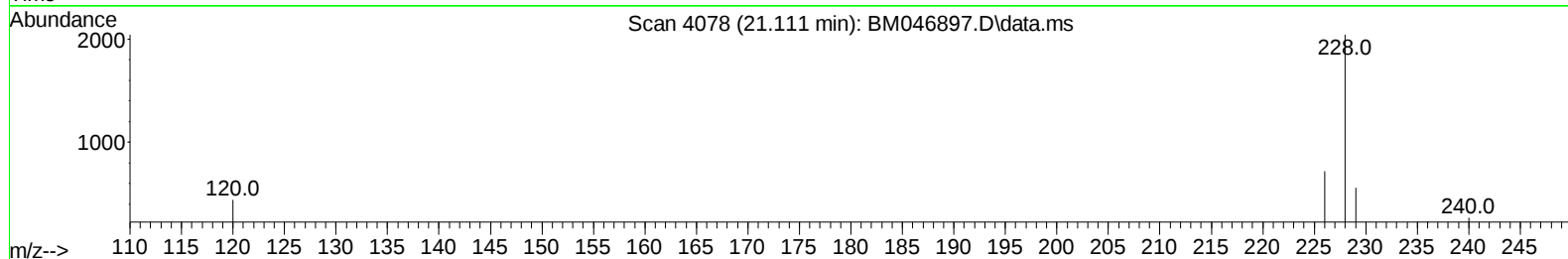
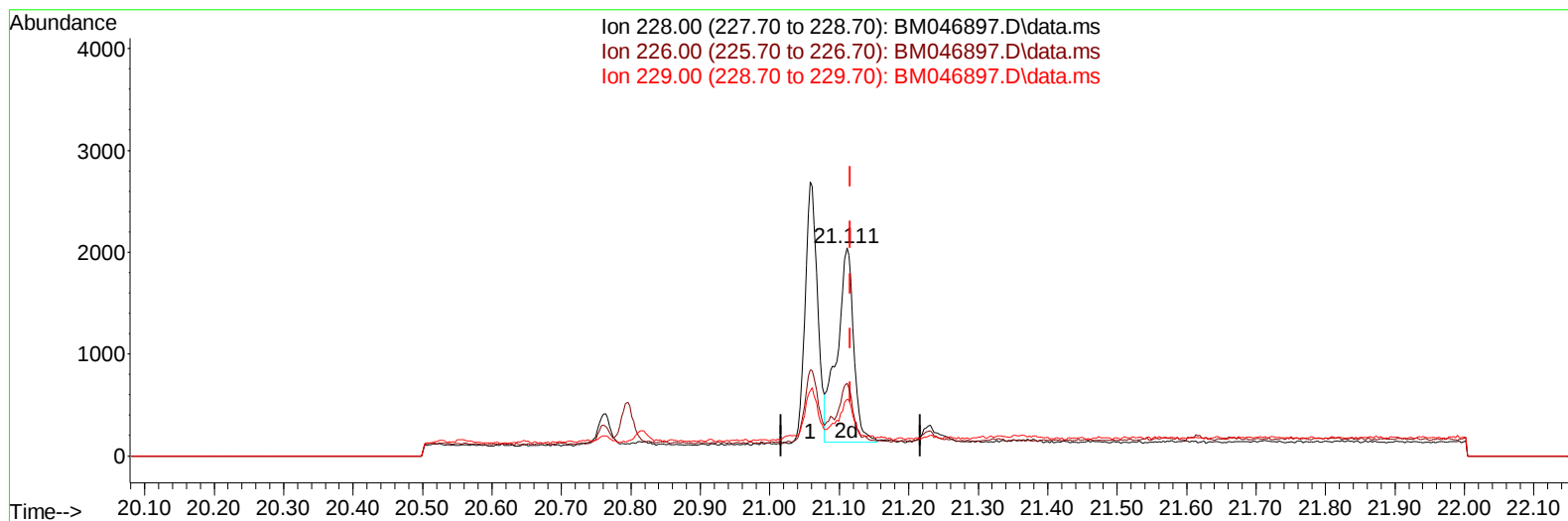
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046897.D\data.ms

(22) Chrysene

21.111min (-0.006) 0.07 ng/ul m

response 3183

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.60	35.13
229.00	20.20	27.29#
0.00	0.00	0.00

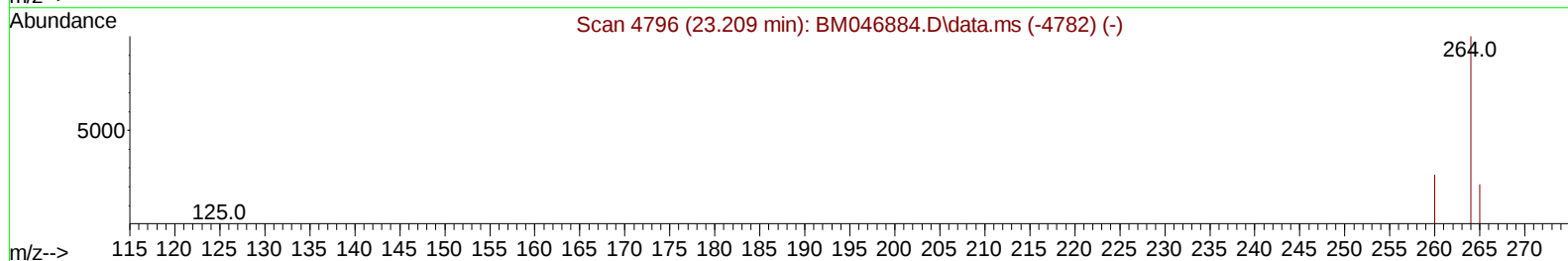
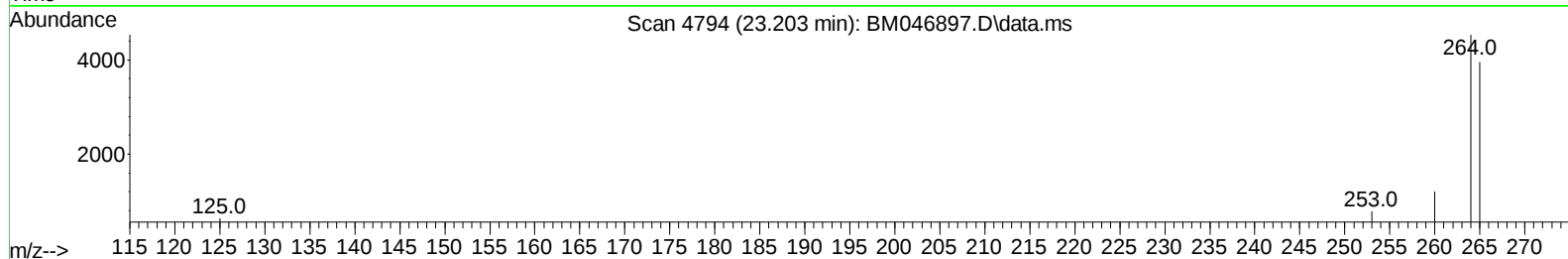
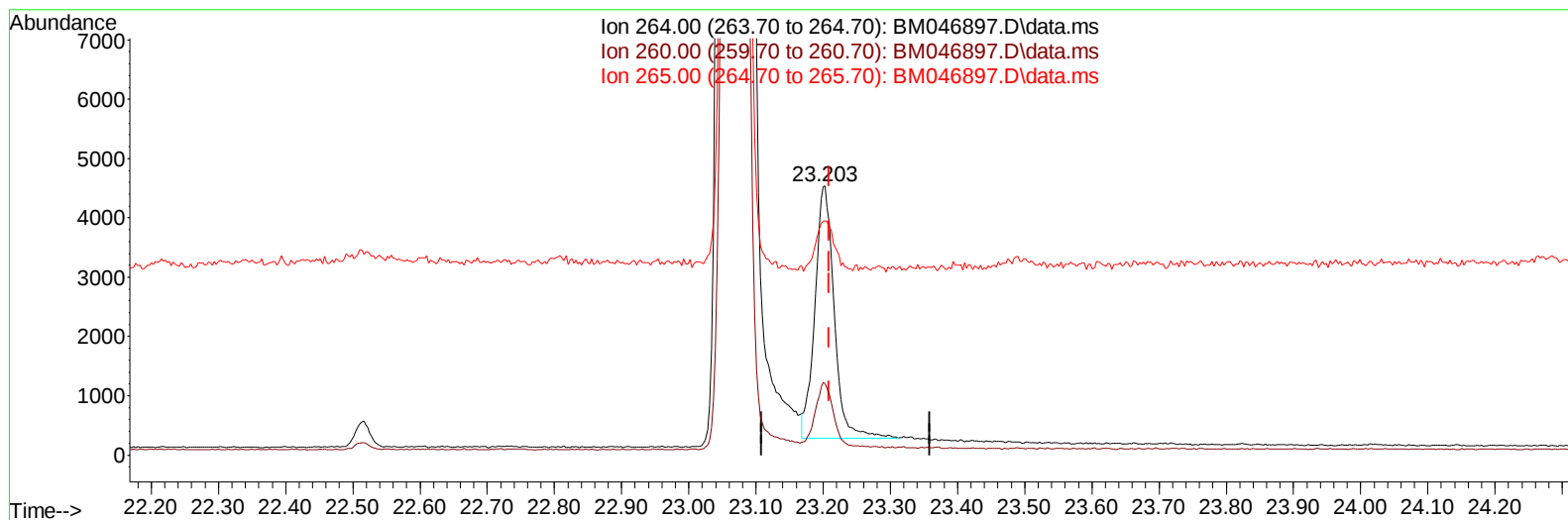
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:03:17 2024
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TIC: BM046897.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/u1

response 8459

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.48
265.00	89.90	87.08
0.00	0.00	0.00

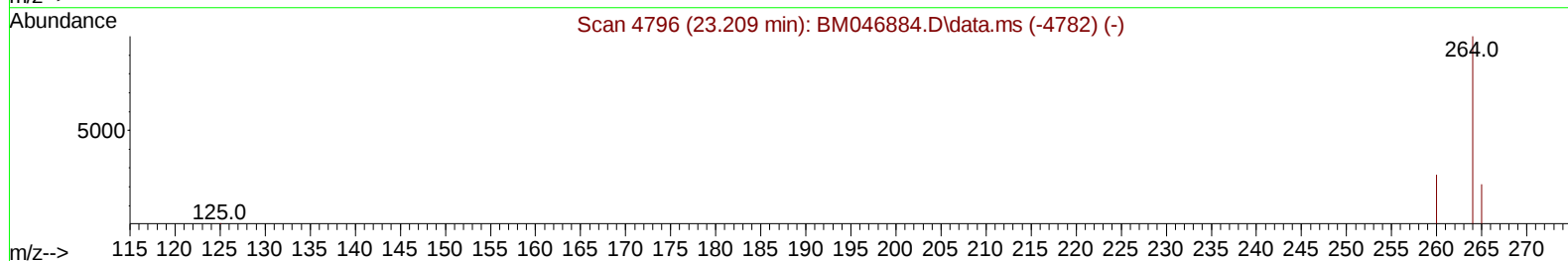
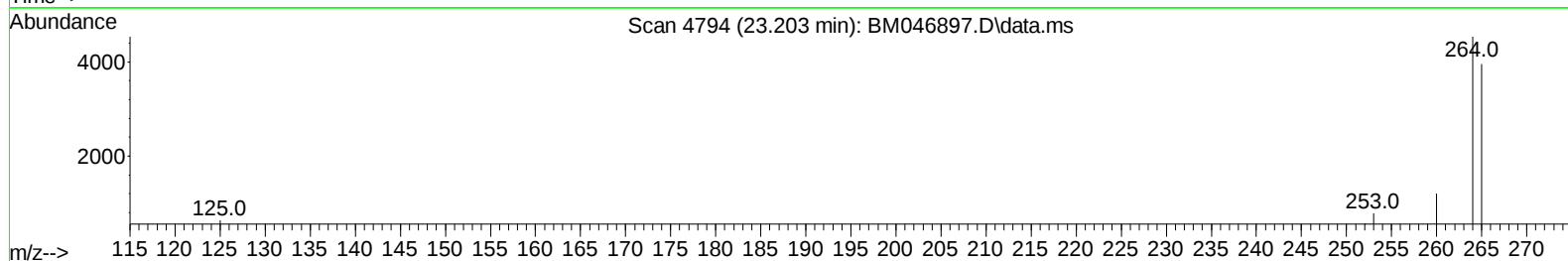
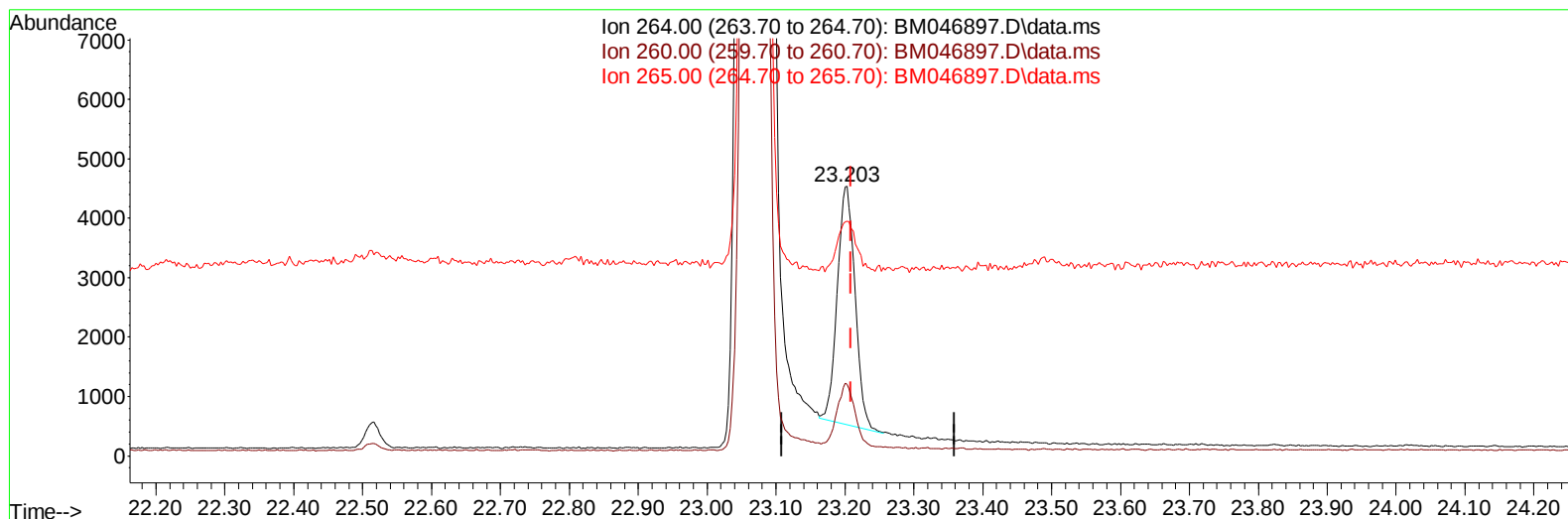
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
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TIC: BM046897.D\data.ms

(23) Perylene-d12 (I)

23.203min (-0.006) 0.40 ng/ul m

response 7174

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.10	26.48
265.00	89.90	87.08
0.00	0.00	0.00

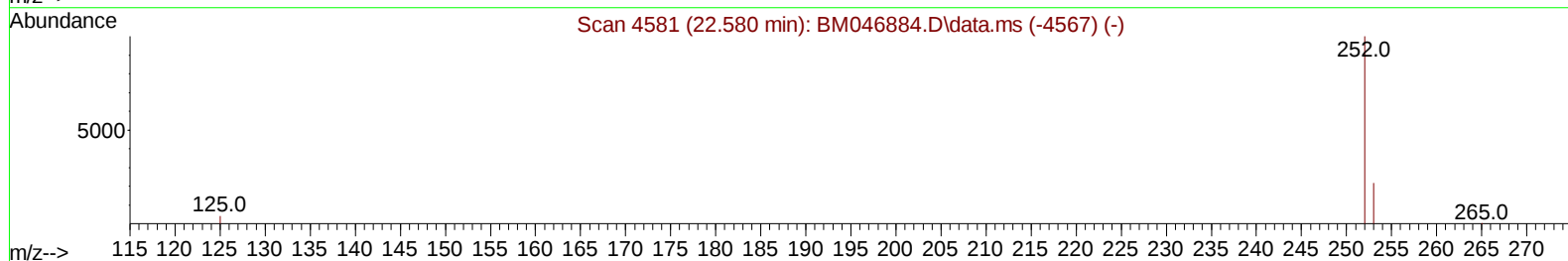
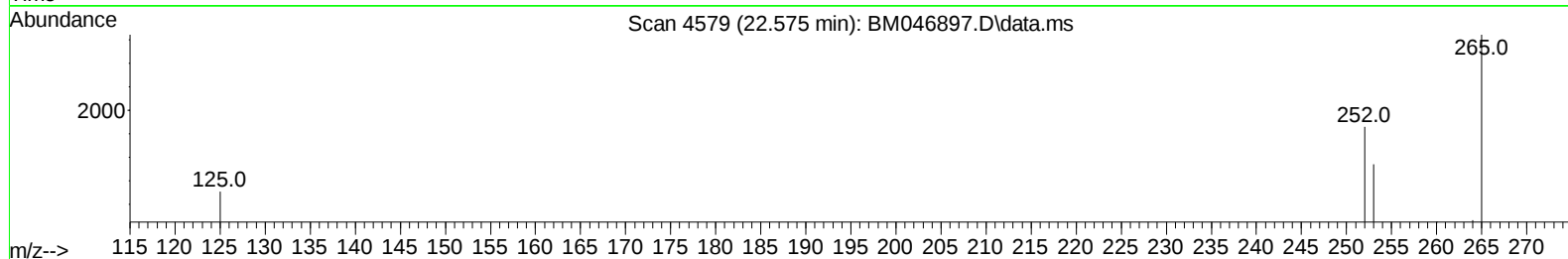
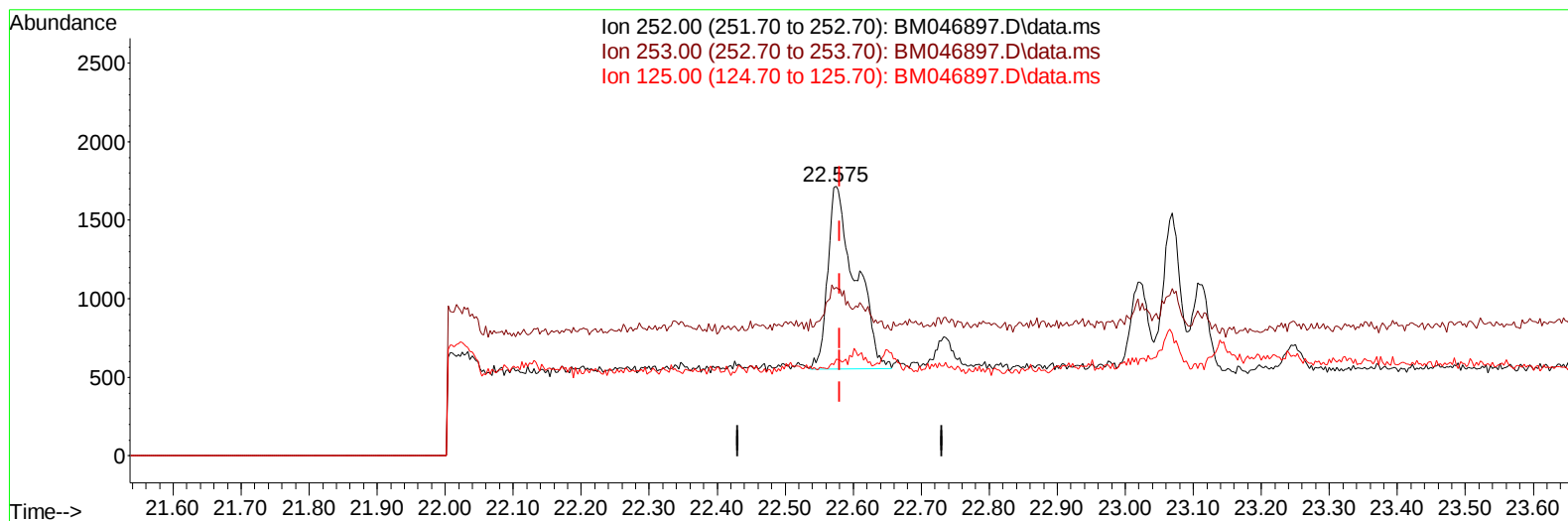
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
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Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Quant Time: Jul 30 00:03:17 2024
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TIC: BM046897.D\data.ms

(24) Benzo(b)fluoranthene

22.575min (-0.006) 0.10 ng/u1

response 3287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	62.57#
125.00	7.90	35.98#
0.00	0.00	0.00

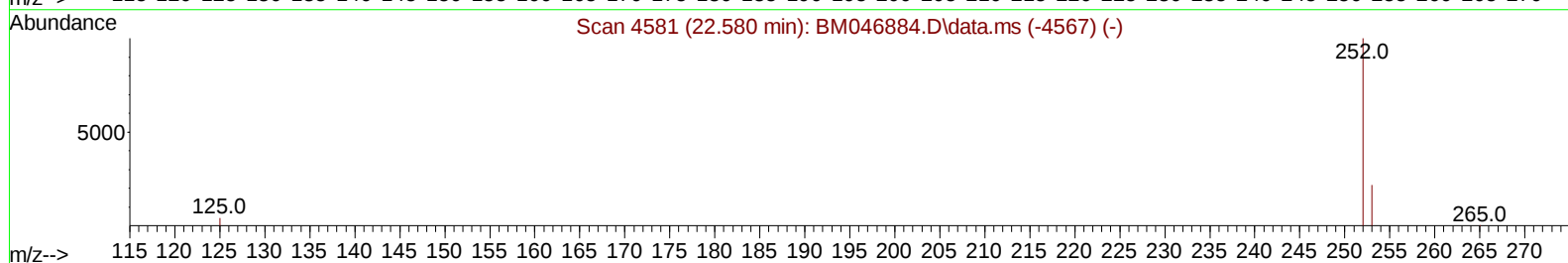
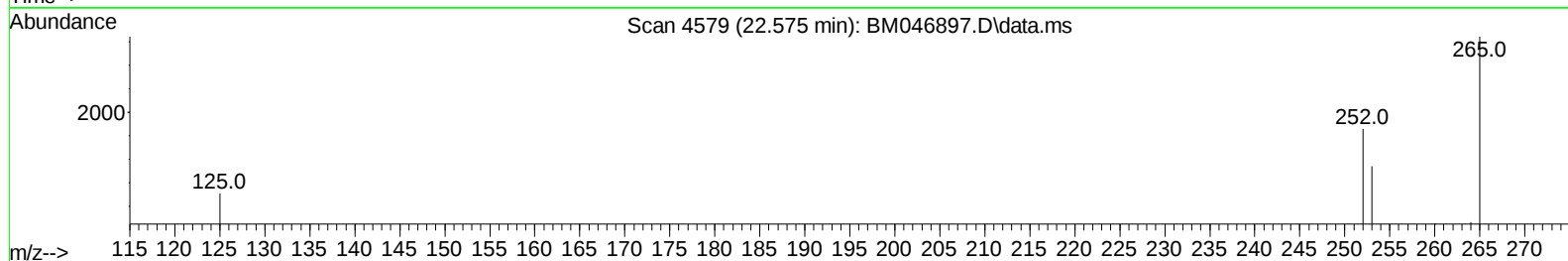
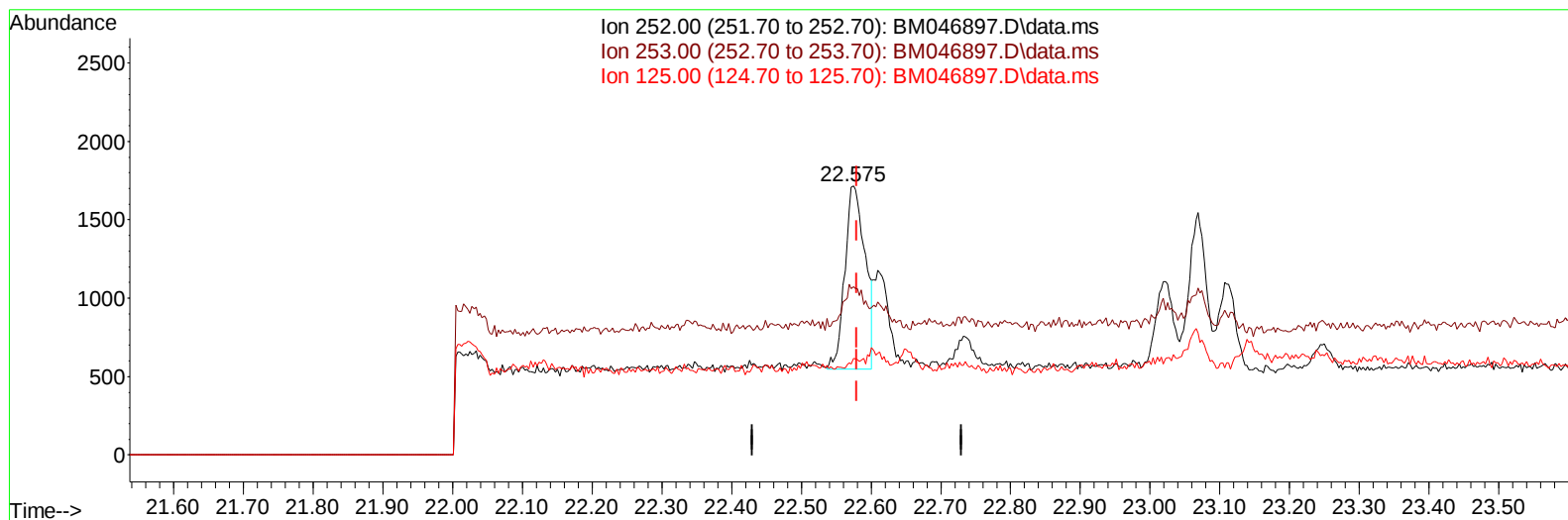
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 30 00:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046897.D\data.ms

(24) Benzo(b)fluoranthene

22.575min (-0.006) 0.08 ng/u1 m

response 2379

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	62.57#
125.00	7.90	35.98#
0.00	0.00	0.00

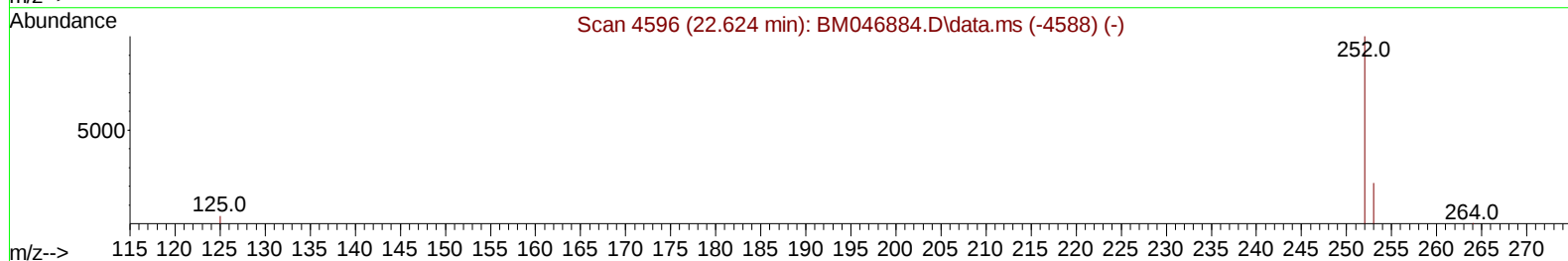
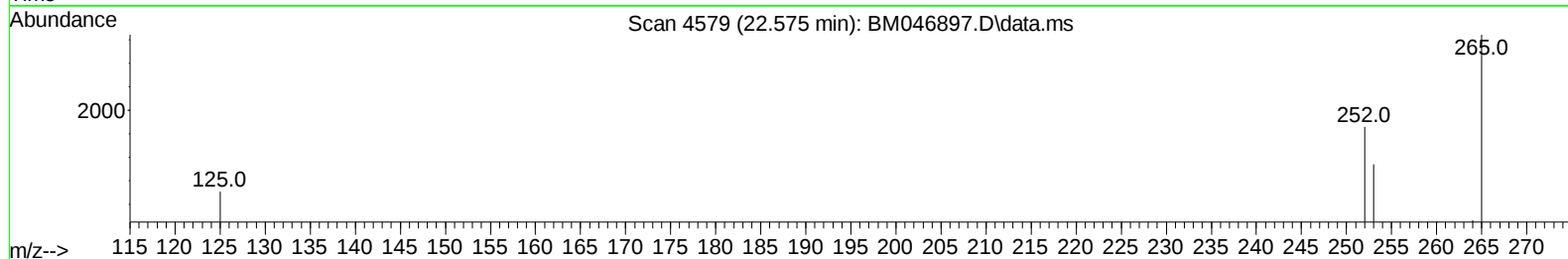
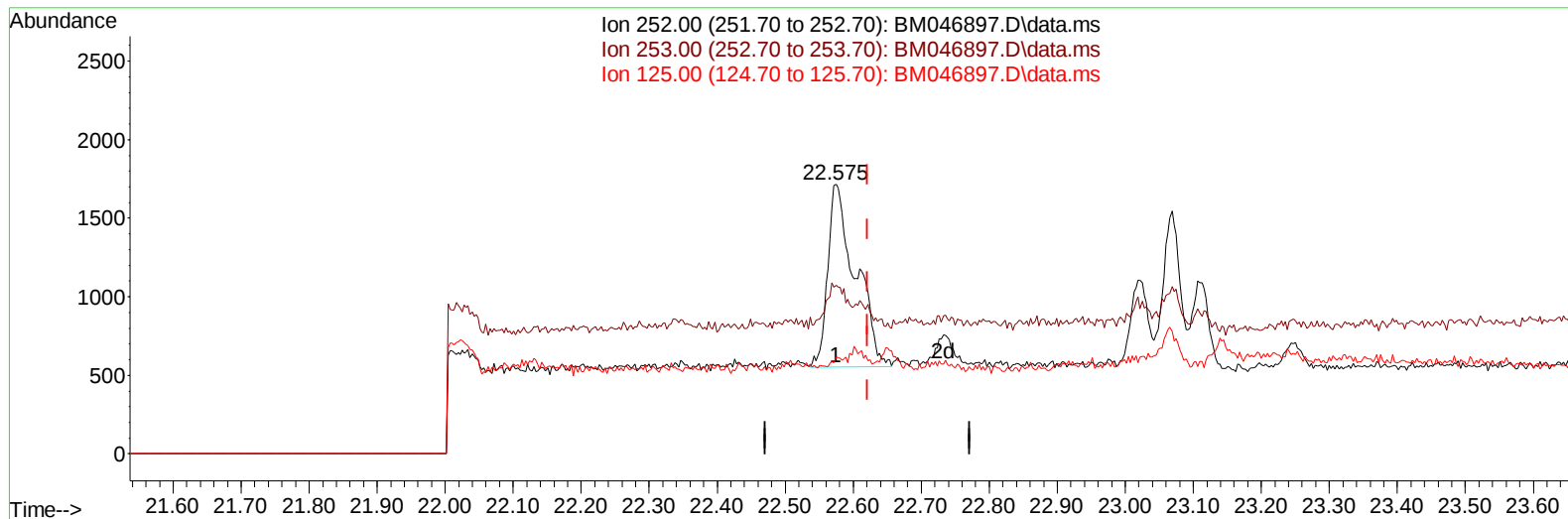
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Data File : BM046897.D
Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

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TIC: BM046897.D\data.ms

(25) Benzo(k)fluoranthene

22.575min (-0.047) 0.10 ng/u1

response 3287

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	62.57#
125.00	10.80	35.98#
0.00	0.00	0.00

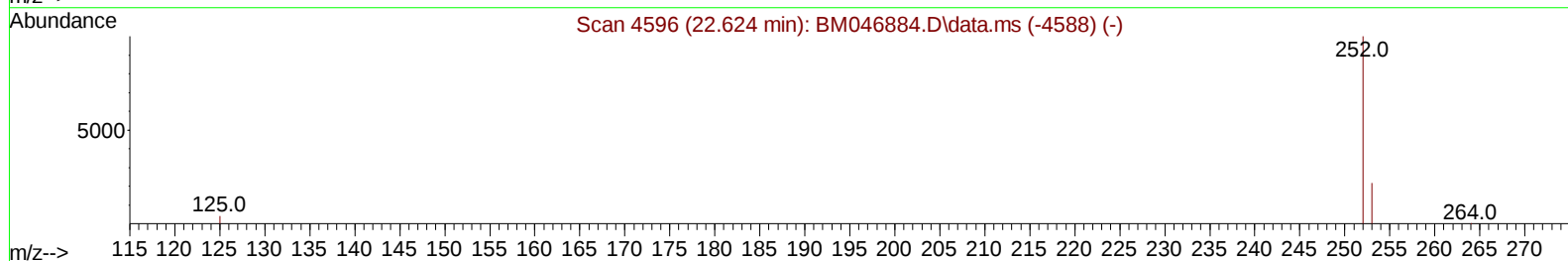
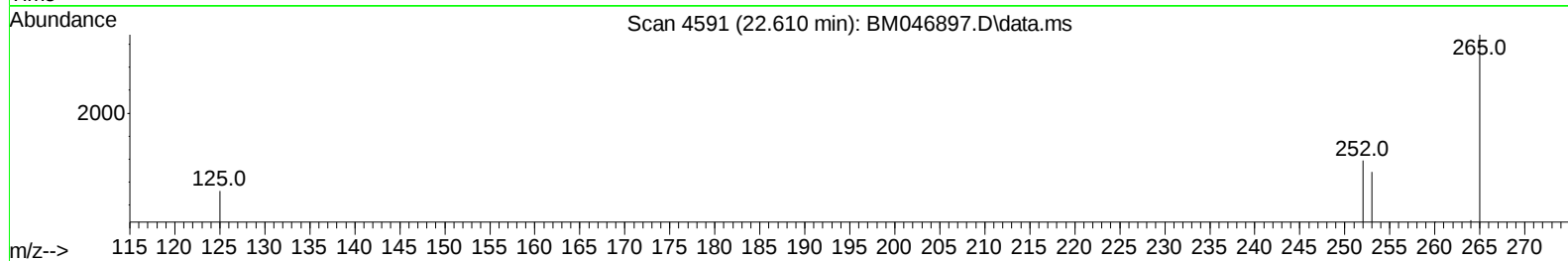
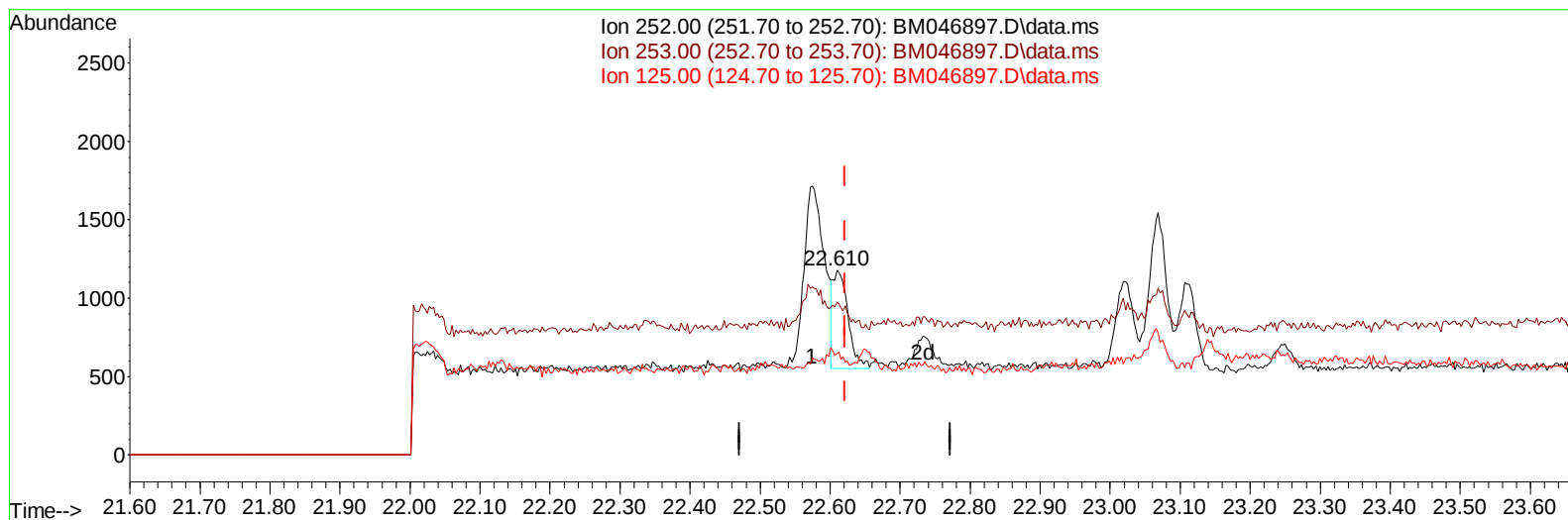
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Acq On : 29 Jul 2024 23:27
Operator : MA/JU
Sample : P3329-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E24

Manual IntegrationsAPPROVED

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TIC: BM046897.D\data.ms

(25) Benzo(k)fluoranthene

22.610min (-0.012) 0.03 ng/u1 m

response 953

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.40	82.70#
125.00	10.80	55.05#
0.00	0.00	0.00

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 Operator : MA/JU
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E24

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3309	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.211	136	10085	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.104	164	6447	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.863	188	12399	0.400	ng/ul	0.00
17) Chrysene-d12	21.076	240	10100	0.400	ng/ul	# 0.00
23) Perylene-d12	23.203	264	7174m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	7789	3.362	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152	3858	0.241	ng/ul	-0.02
18) Fluoranthene-d10	18.905	212	6017	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	189639	7.434	ng/ul	96
7) 2-Methylnaphthalene	11.888	142	12631	0.719	ng/ul	100
8) 1-Methylnaphthalene	12.113	142	9805	0.541	ng/ul	100
10) Acenaphthylene	13.822	152	661	0.022	ng/ul#	65
11) Acenaphthene	14.169	153	5241	0.262	ng/ul	99
12) Fluorene	15.164	166	6925	0.276	ng/ul	99
15) Phenanthrene	16.905	178	23784	0.667	ng/ul	98
16) Anthracene	16.994	178	3381	0.102	ng/ul	95
19) Fluoranthene	18.932	202	10786	0.243	ng/ul	98
20) Pyrene	19.300	202	8300m	0.181	ng/ul	
21) Benzo(a)anthracene	21.058	228	3336	0.079	ng/ul	93
22) Chrysene	21.111	228	3183m	0.074	ng/ul	
24) Benzo(b)fluoranthene	22.575	252	2379m	0.076	ng/ul	
25) Benzo(k)fluoranthene	22.610	252	953m	0.030	ng/ul	
26) Benzo(a)pyrene	23.107	252	895	0.040	ng/ul#	4

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

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