

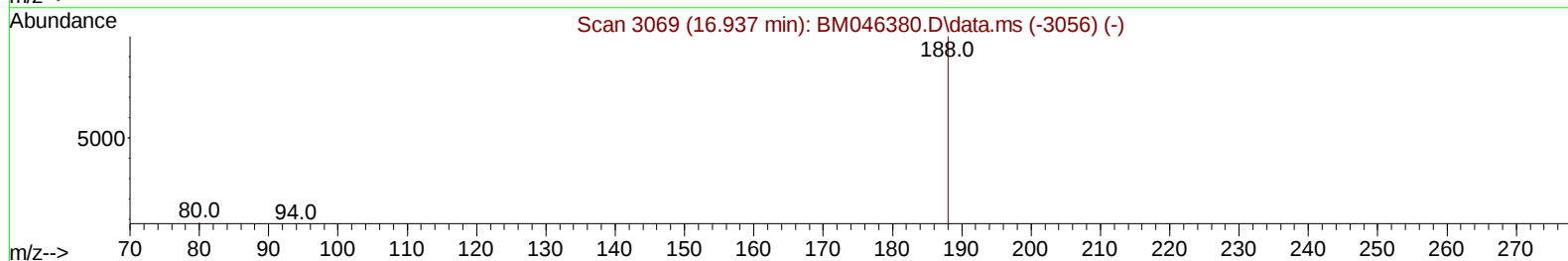
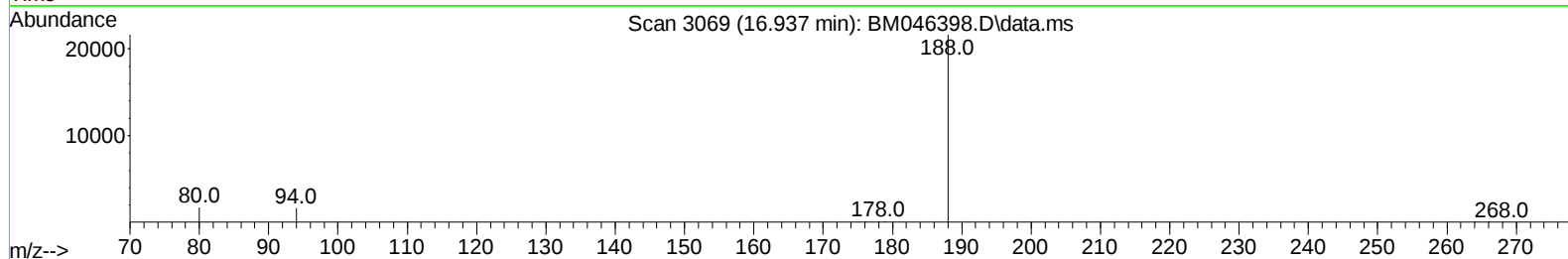
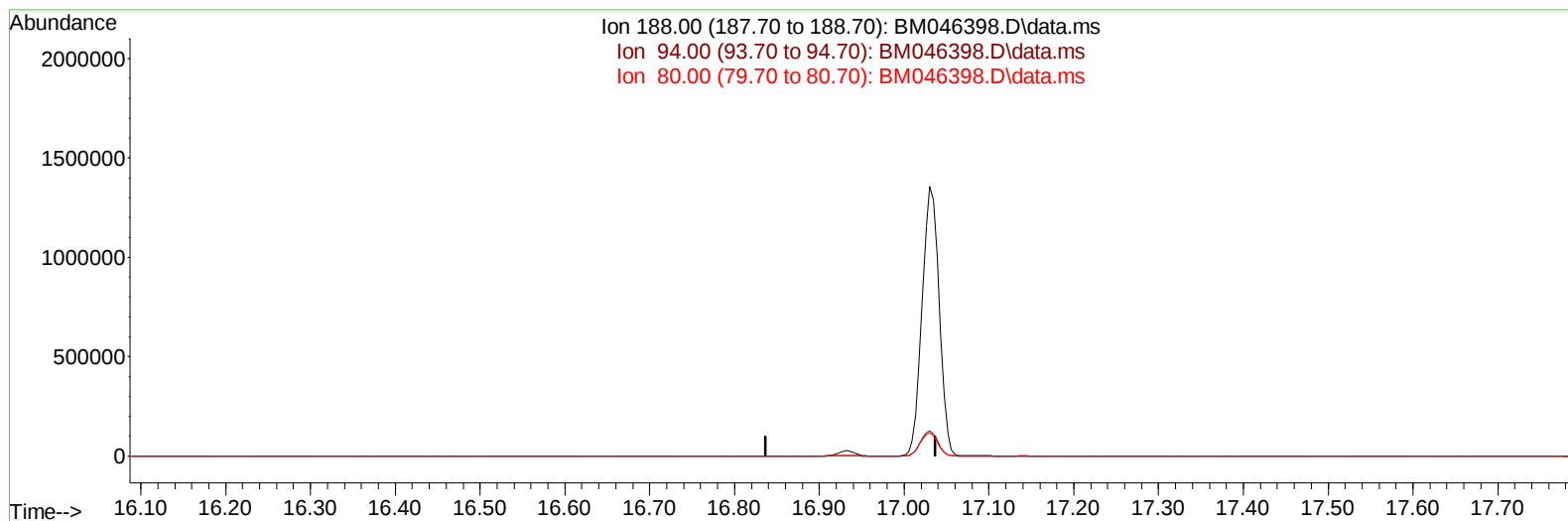
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:14:08 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: BM046398.D\data.ms

(13) Phenanthrene-d10 (I)

16.937min (-16.937) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	8.50	0.00#
80.00	9.20	0.00#
0.00	0.00	0.00

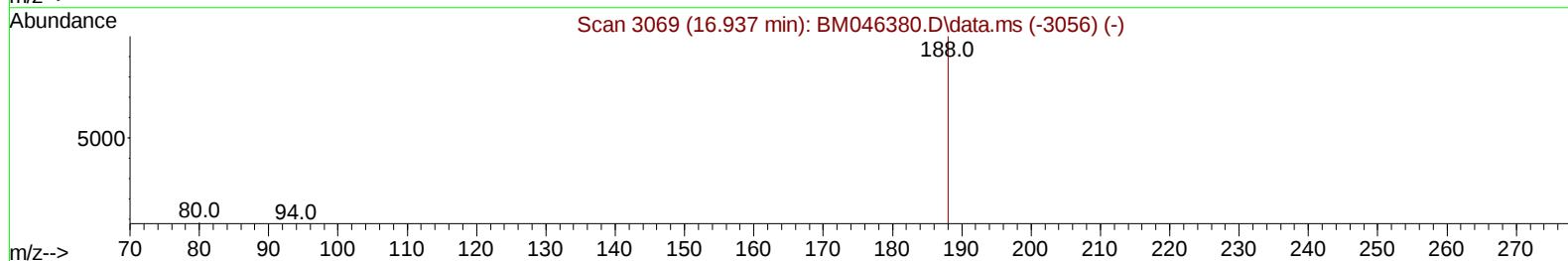
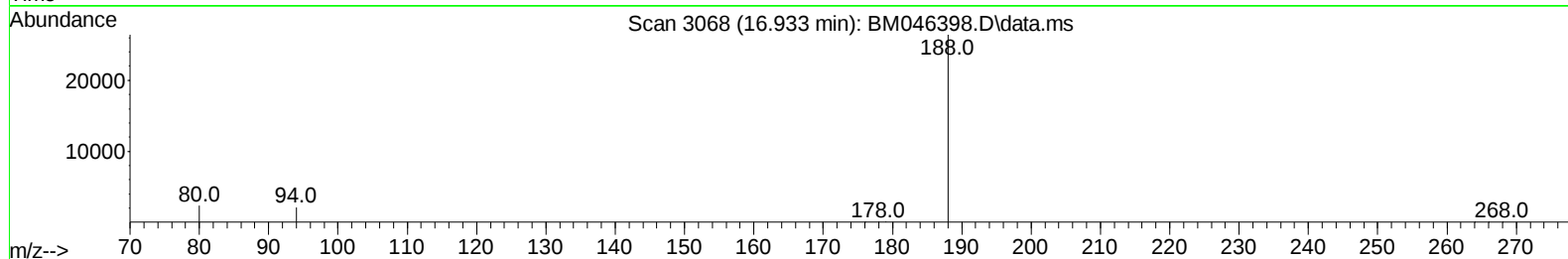
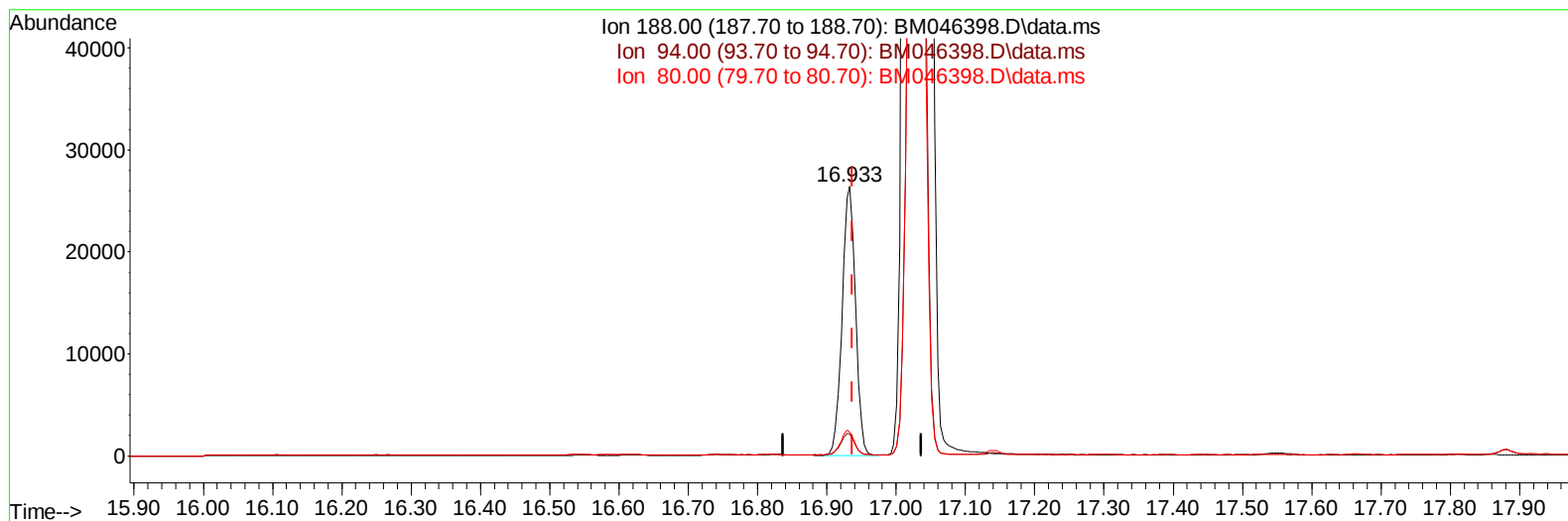
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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



TIC: BM046398.D\data.ms

(13) Phenanthrene-d10 (I)

16.933min (-0.004) 0.40 ng/ul m

response 35283

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	8.12
80.00	9.20	8.95
0.00	0.00	0.00

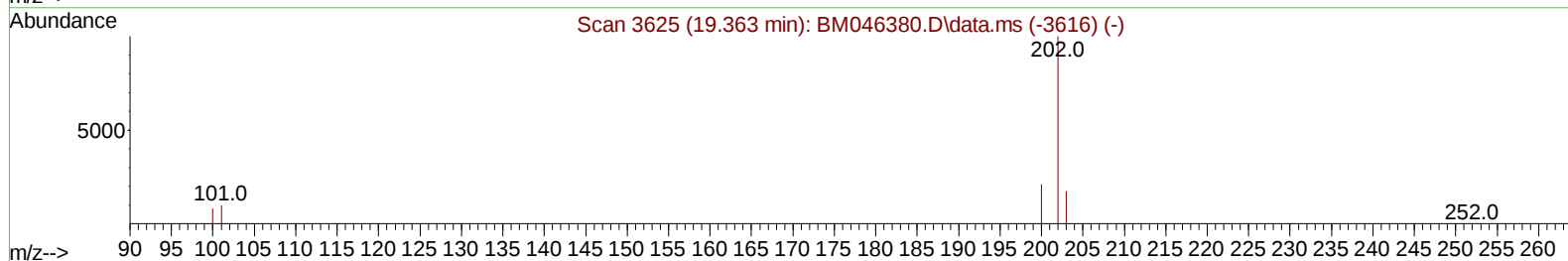
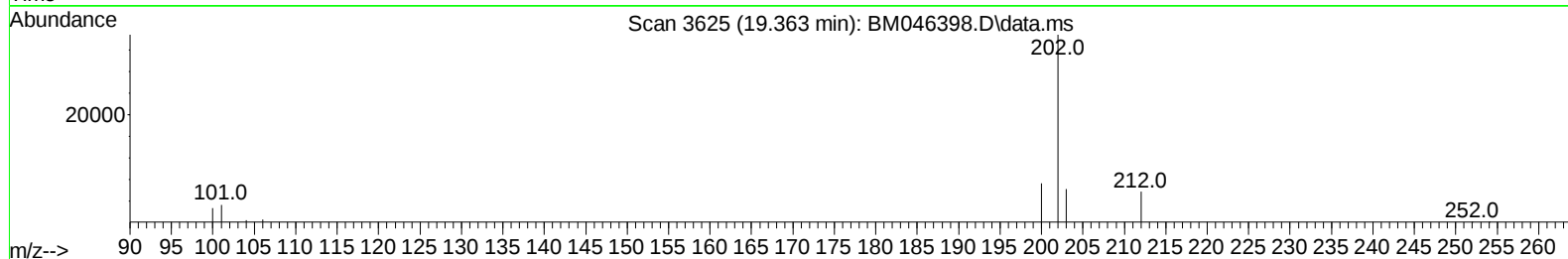
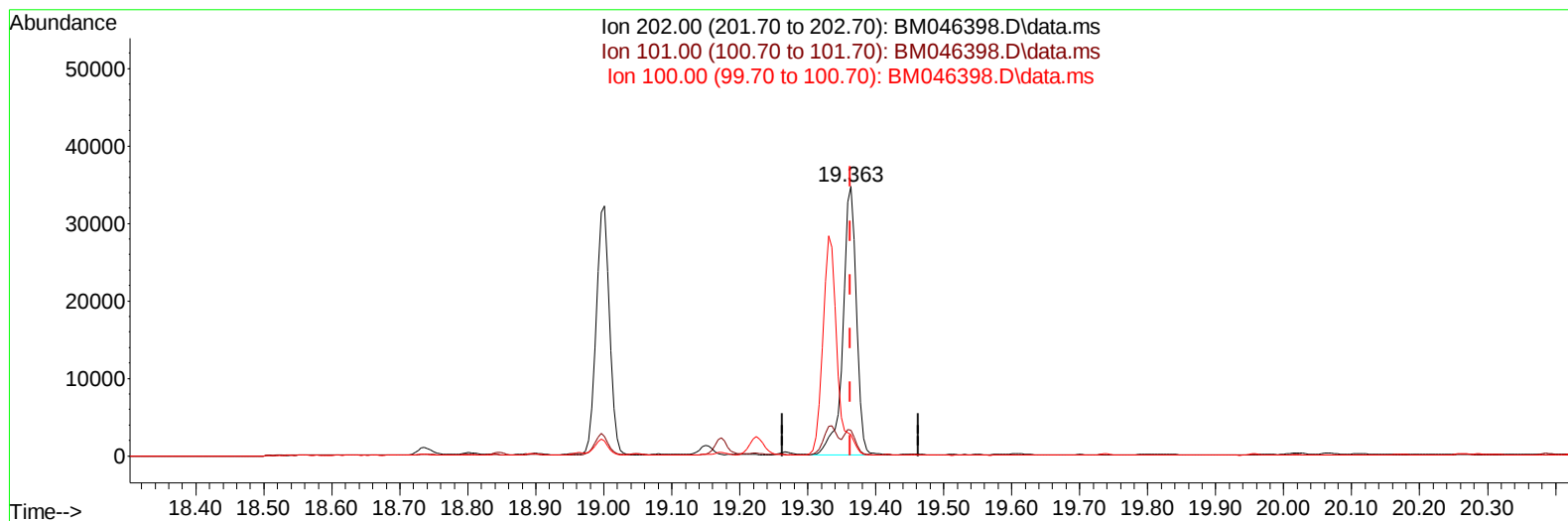
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
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Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046398.D\data.ms

(20) Pyrene

19.363min (+ 0.000) 0.48 ng/u1

response 47367

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	9.52
100.00	8.60	7.87
0.00	0.00	0.00

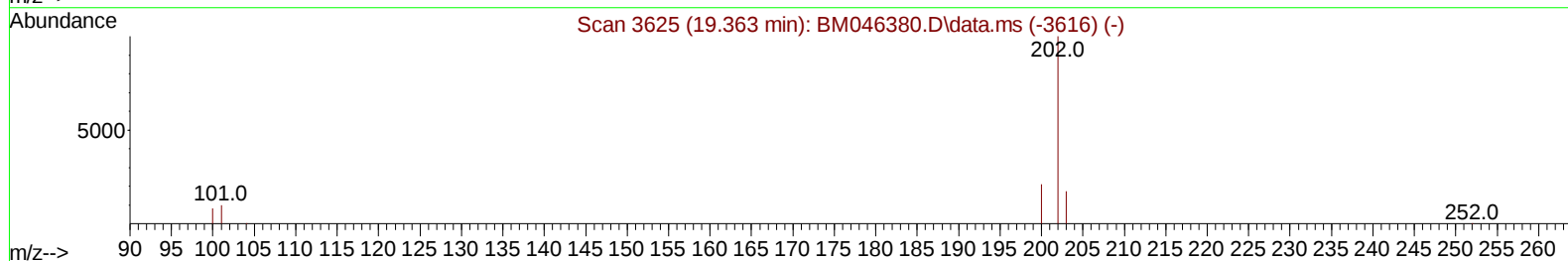
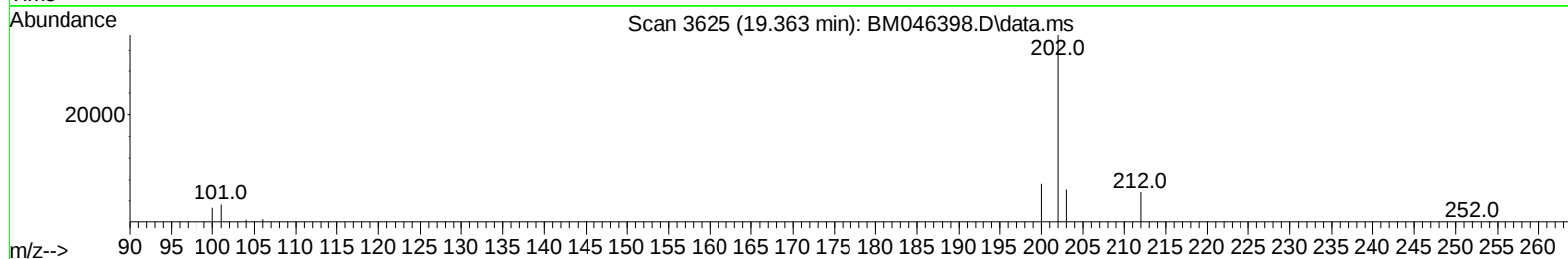
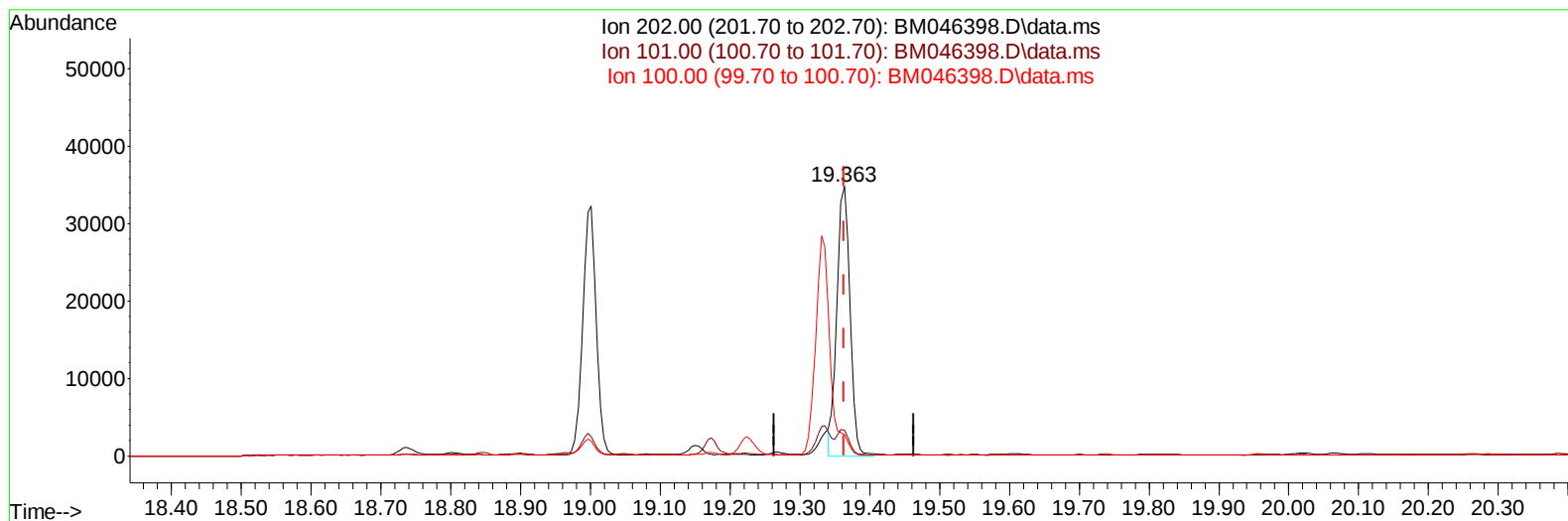
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

Manual IntegrationsAPPROVED

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TIC: BM046398.D\data.ms

(20) Pyrene

19.363min (+ 0.000) 0.46 ng/ul m

response 44874

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.30	9.52
100.00	8.60	7.87
0.00	0.00	0.00

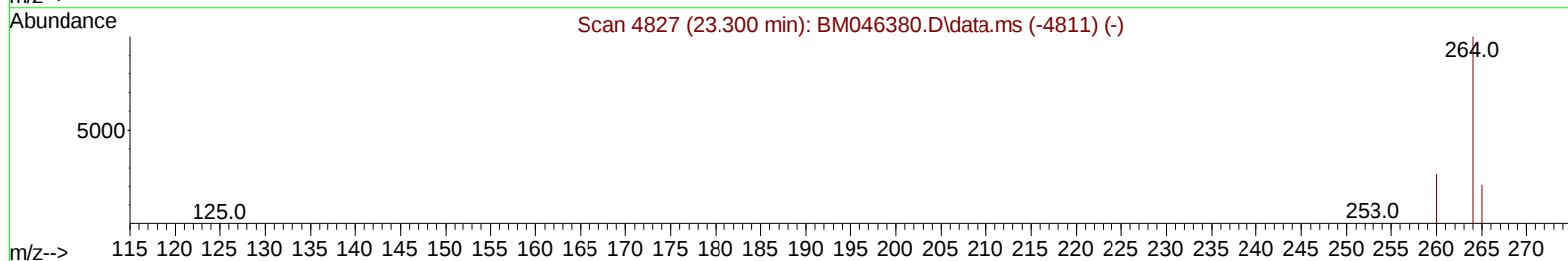
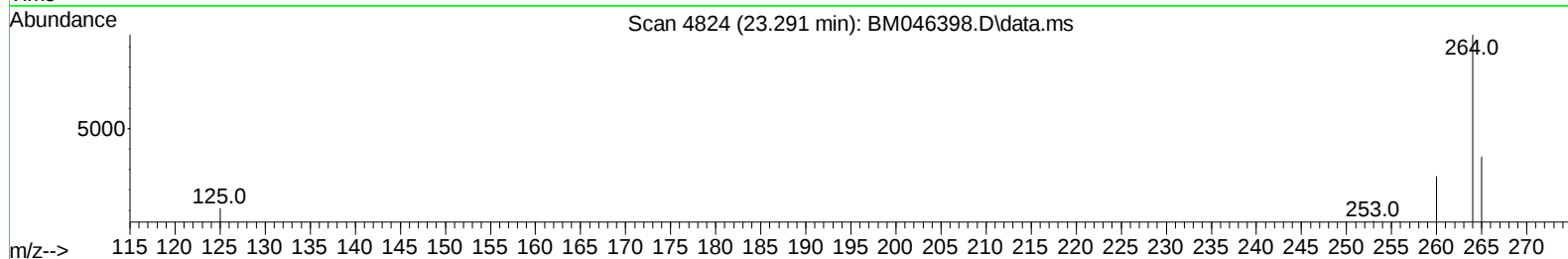
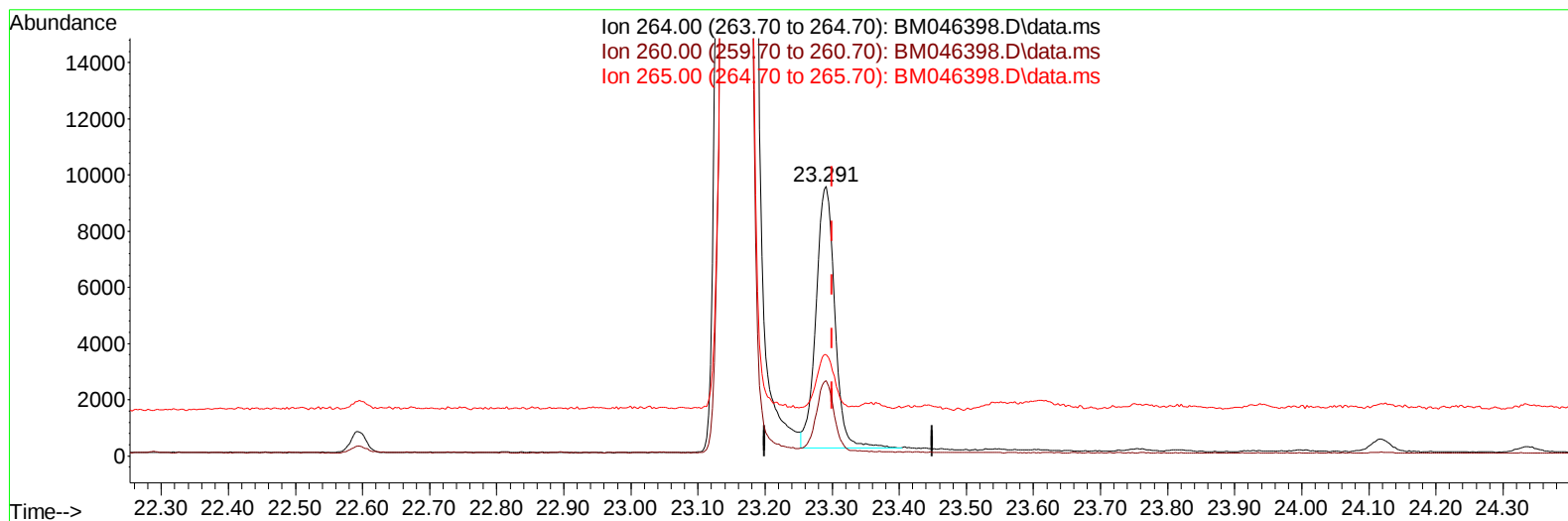
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
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Sample : P3010-19
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Instrument :
BNA_M
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TIC: BM046398.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.009) 0.40 ng/u1

response 18011

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.90
265.00	29.30	37.66#
0.00	0.00	0.00

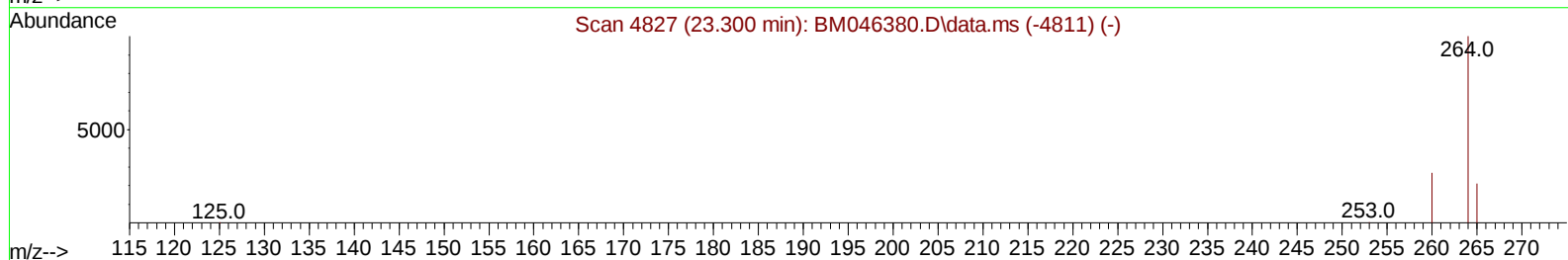
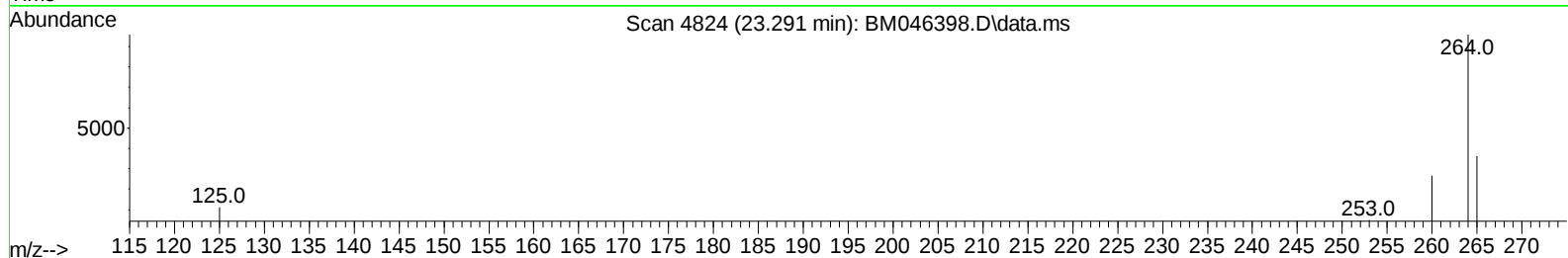
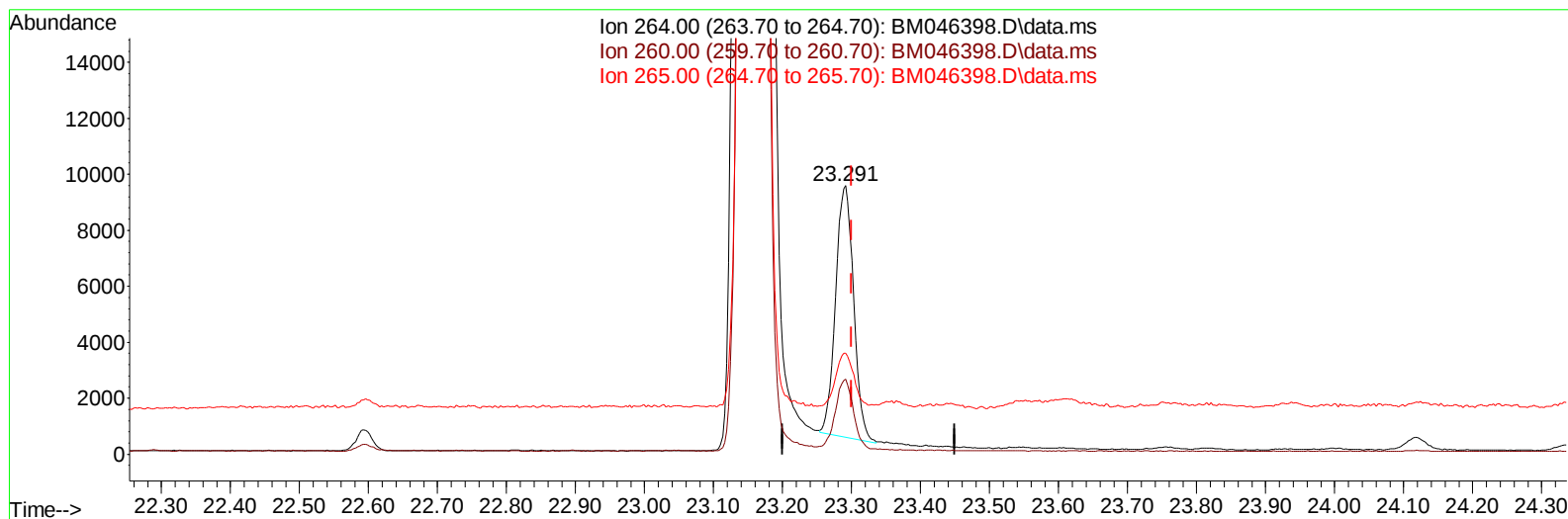
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:14:08 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
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TIC: BM046398.D\data.ms

(23) Perylene-d12 (I)

23.291min (-0.009) 0.40 ng/ul m

response 16210

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.90
265.00	29.30	37.66#
0.00	0.00	0.00

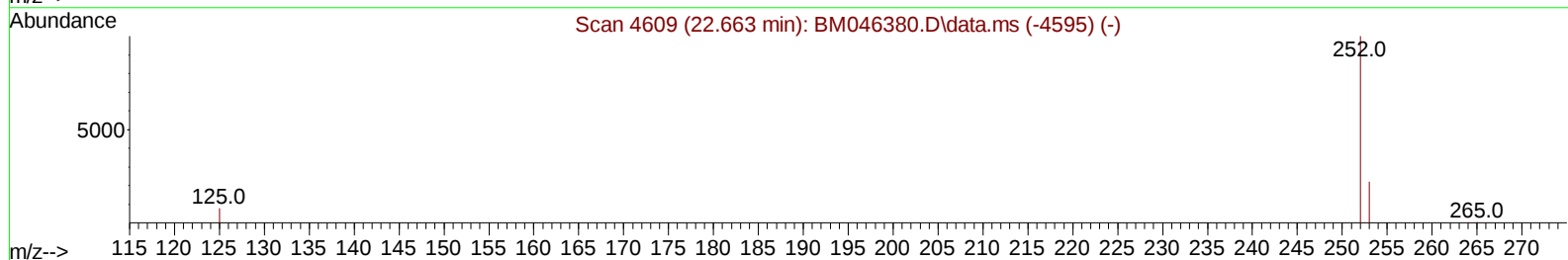
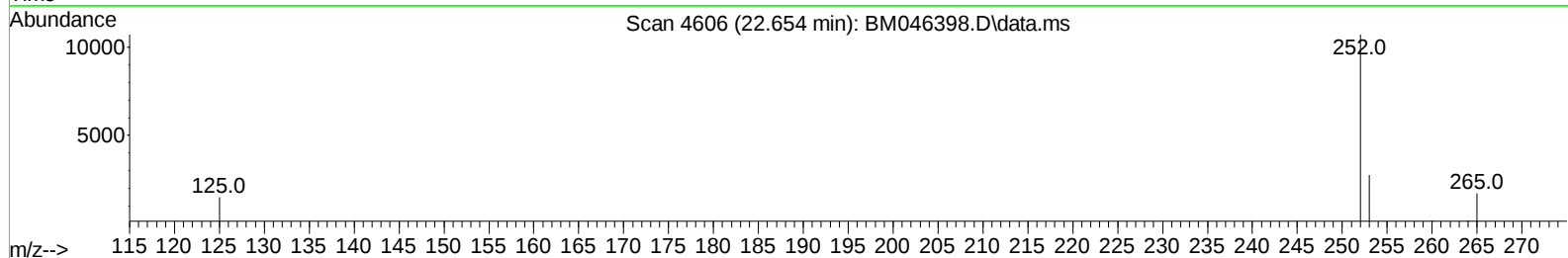
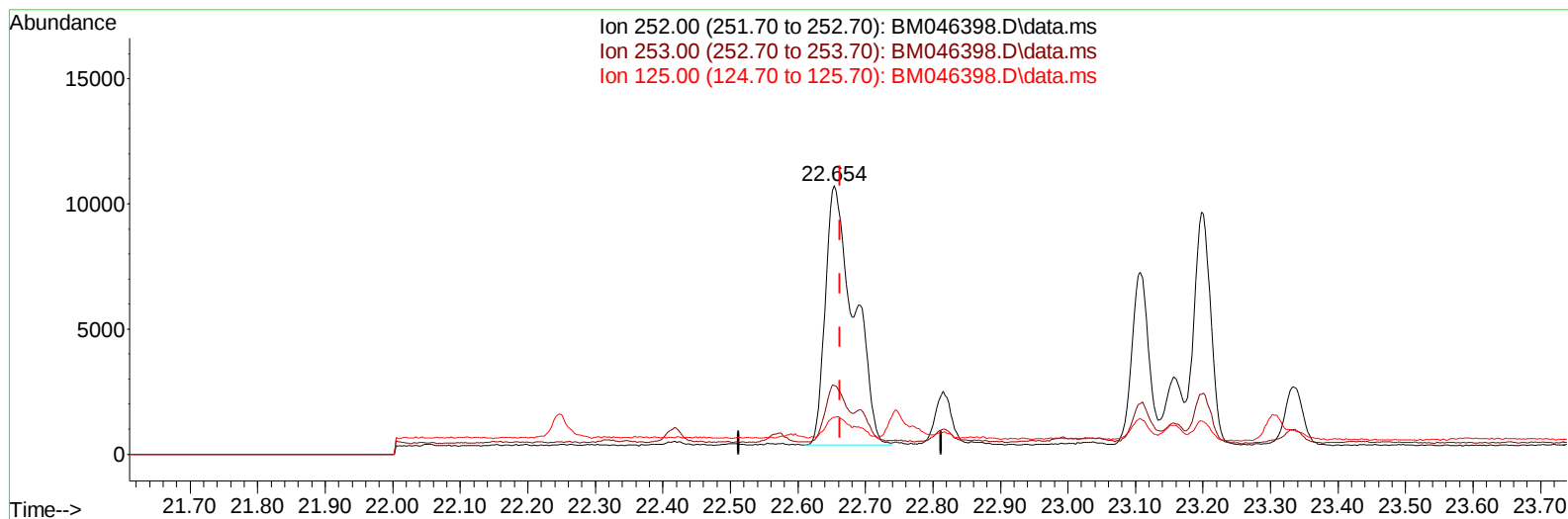
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

Manual IntegrationsAPPROVED

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TIC: BM046398.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (-0.009) 0.44 ng/u1

response 30394

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	25.62
125.00	9.20	13.76
0.00	0.00	0.00

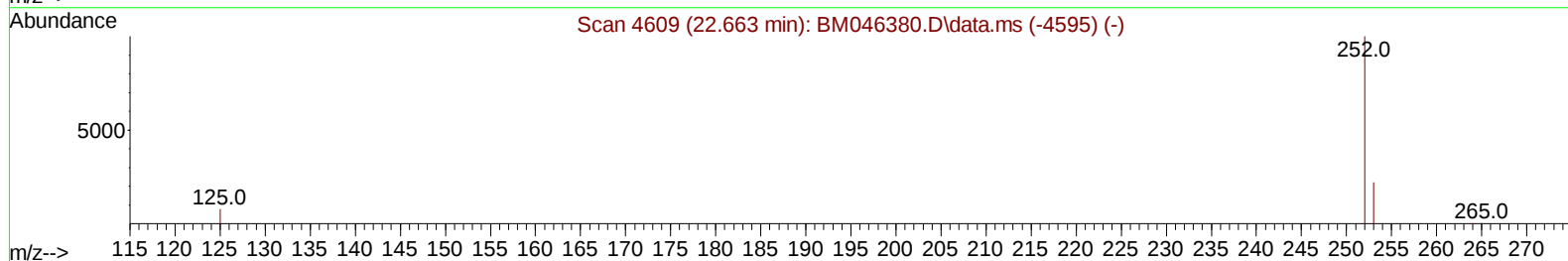
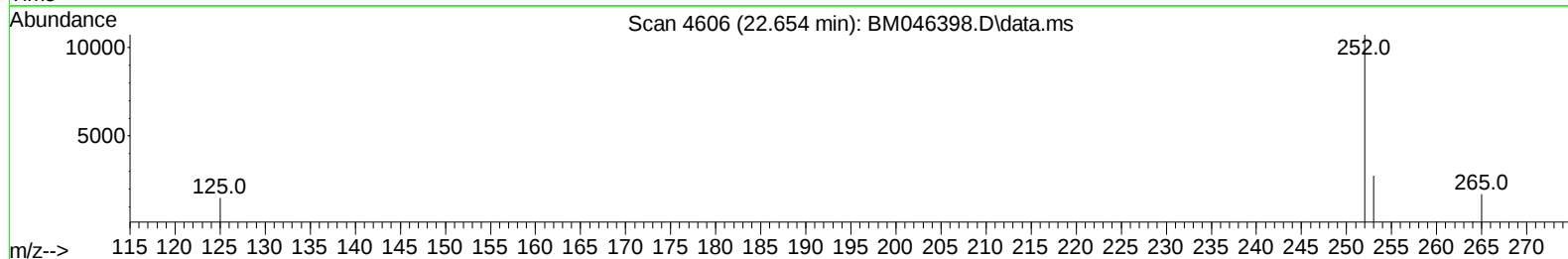
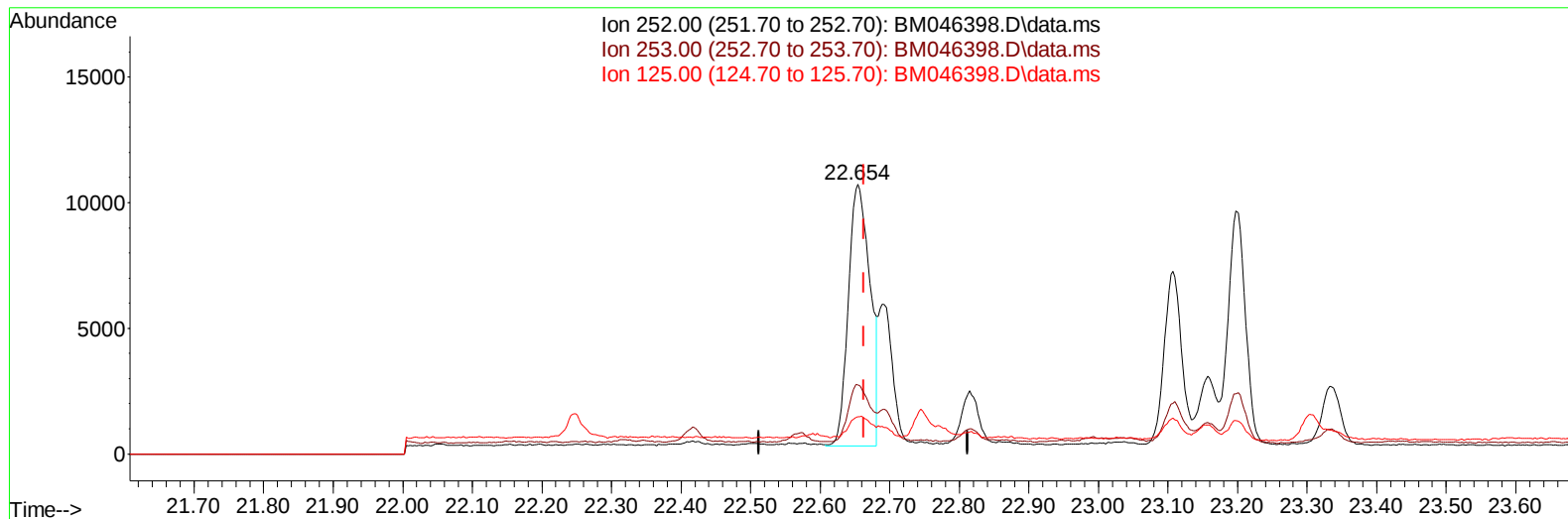
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046398.D
Acq On : 06 Jul 2024 01:45
Operator : MA/JU
Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

Manual IntegrationsAPPROVED

Quant Time: Jul 06 02:14:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BM046398.D\data.ms

(24) Benzo(b)fluoranthene

22.654min (-0.009) 0.32 ng/u1 m

response 22364

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.50	25.62
125.00	9.20	13.76
0.00	0.00	0.00

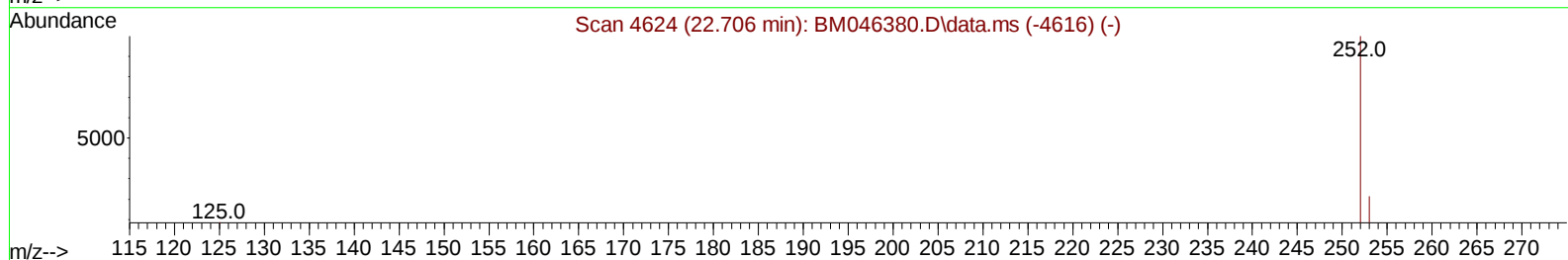
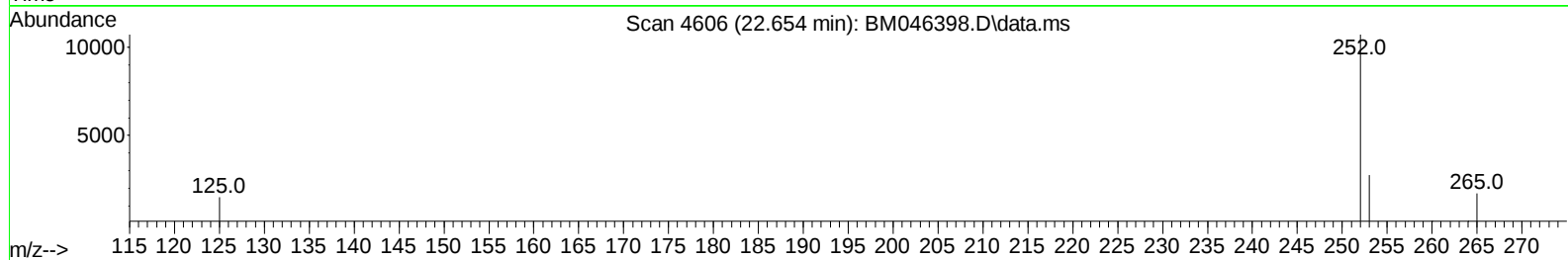
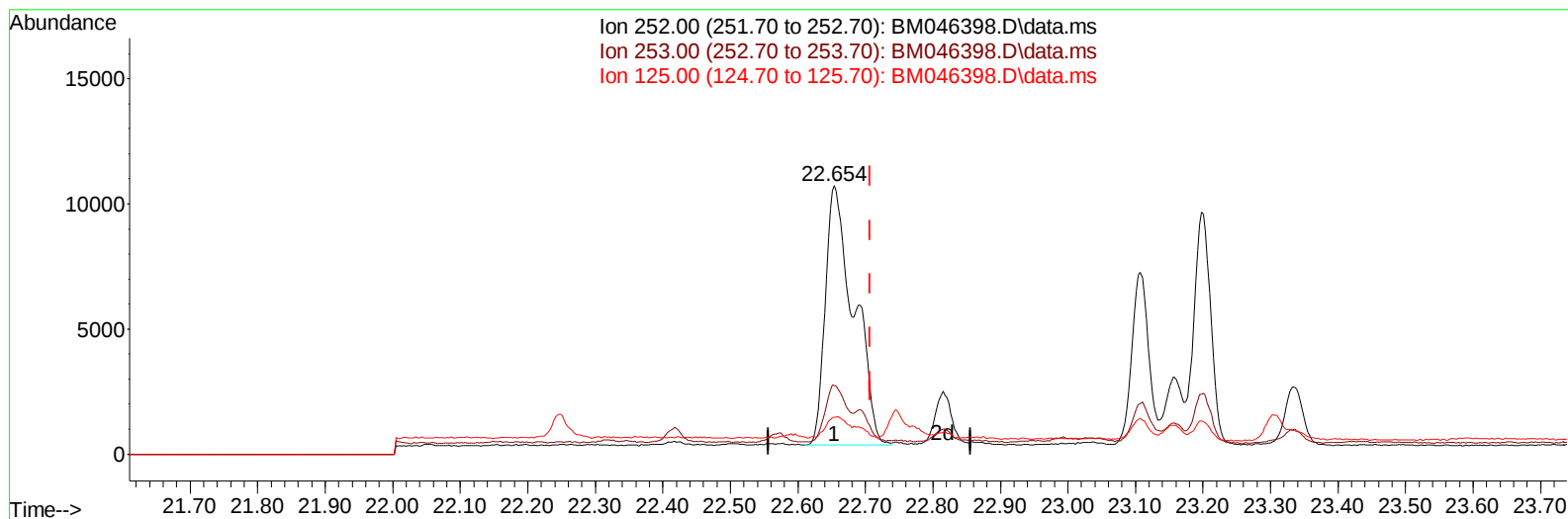
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
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Sample : P3010-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB4

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TIC: BM046398.D\data.ms

(25) Benzo(k)fluoranthene

22.654min (-0.052) 0.44 ng/u1

response 30394

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	25.62
125.00	9.40	13.76#
0.00	0.00	0.00

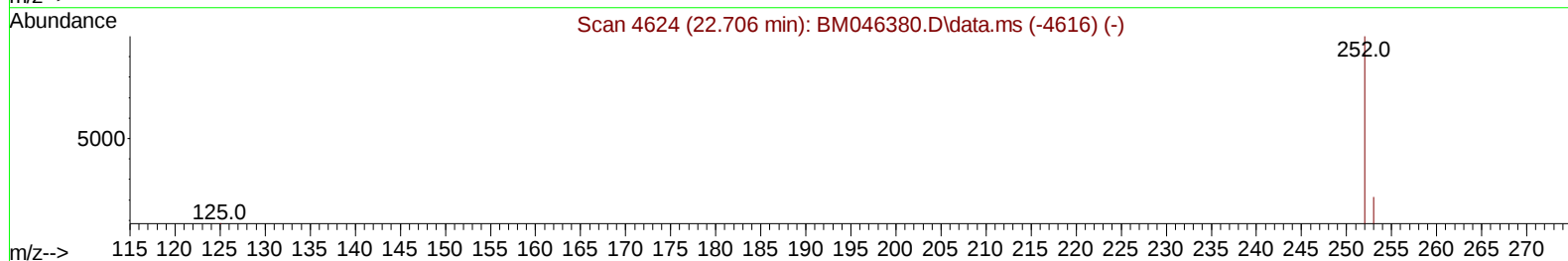
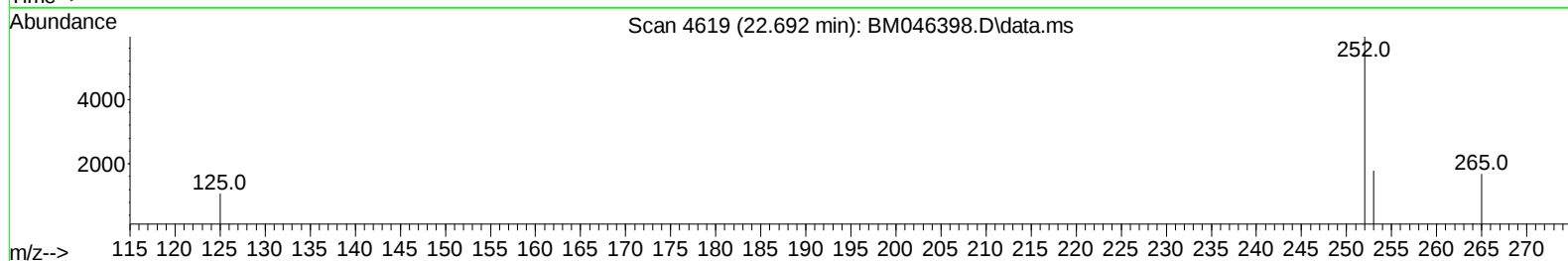
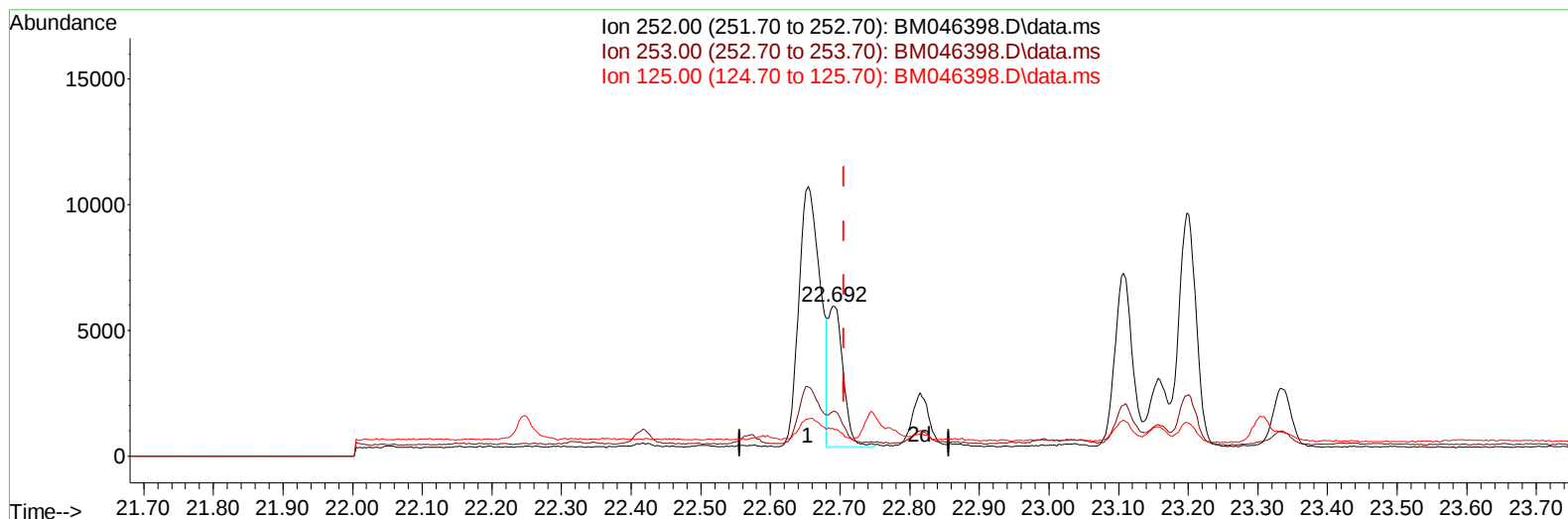
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 07/08/2024



TIC: BM046398.D\data.ms

(25) Benzo(k)fluoranthene

22.692min (-0.014) 0.12 ng/u1 m

response 8170

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.00	30.03#
125.00	9.40	17.85#
0.00	0.00	0.00

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 Data File : BM046398.D
 Acq On : 06 Jul 2024 01:45
 Operator : MA/JU
 Sample : P3010-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB4

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	9049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	27707	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.182	164	16957	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	35283m	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	18825	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16210m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	28599	3.060	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	10541	0.257	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	19406	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.895	152	3743	0.043	ng/ul#	91
15) Phenanthrene	16.971	178	16270	0.154	ng/ul	100
16) Anthracene	17.064	178	4643	0.045	ng/ul	95
19) Fluoranthene	19.001	202	43622	0.458	ng/ul	99
20) Pyrene	19.363	202	44874m	0.458	ng/ul	
21) Benzo(a)anthracene	21.120	228	19169	0.228	ng/ul	93
22) Chrysene	21.170	228	18542	0.222	ng/ul	97
24) Benzo(b)fluoranthene	22.654	252	22364m	0.325	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	8170m	0.117	ng/ul	
26) Benzo(a)pyrene	23.198	252	15992	0.294	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.431	276	11419	0.155	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.451	278	2576	0.045	ng/ul#	62
29) Benzo(g,h,i)perylene	26.078	276	11504	0.196	ng/ul	93

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

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