

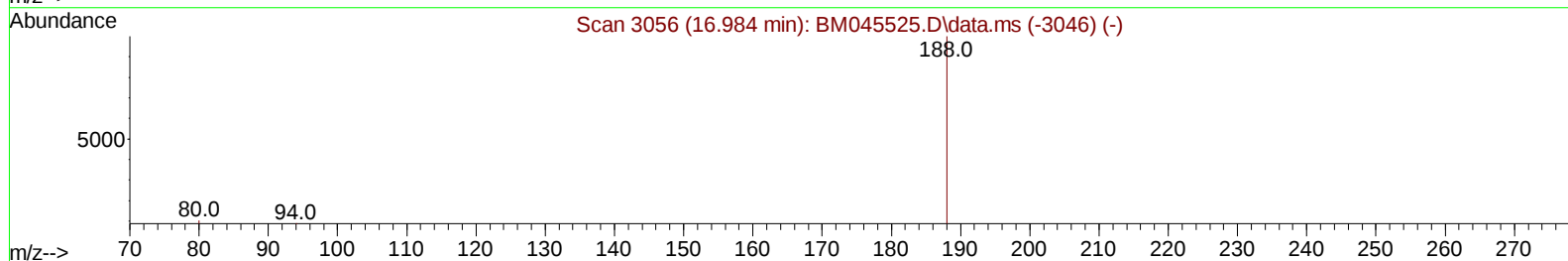
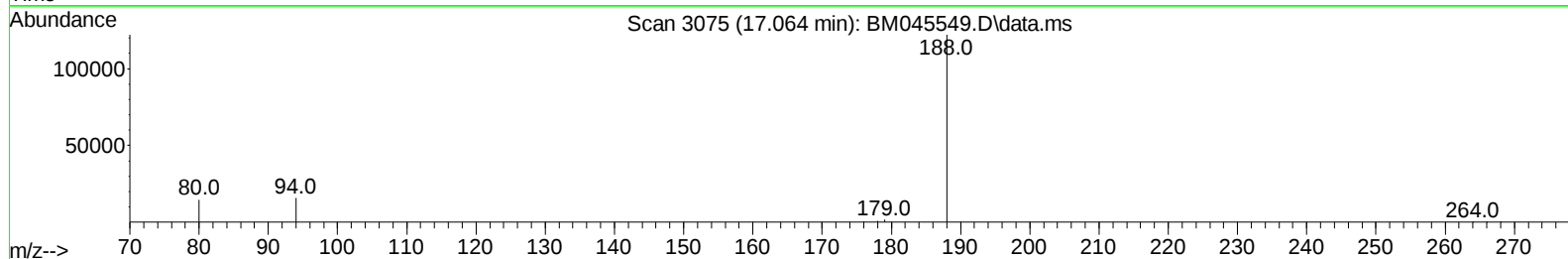
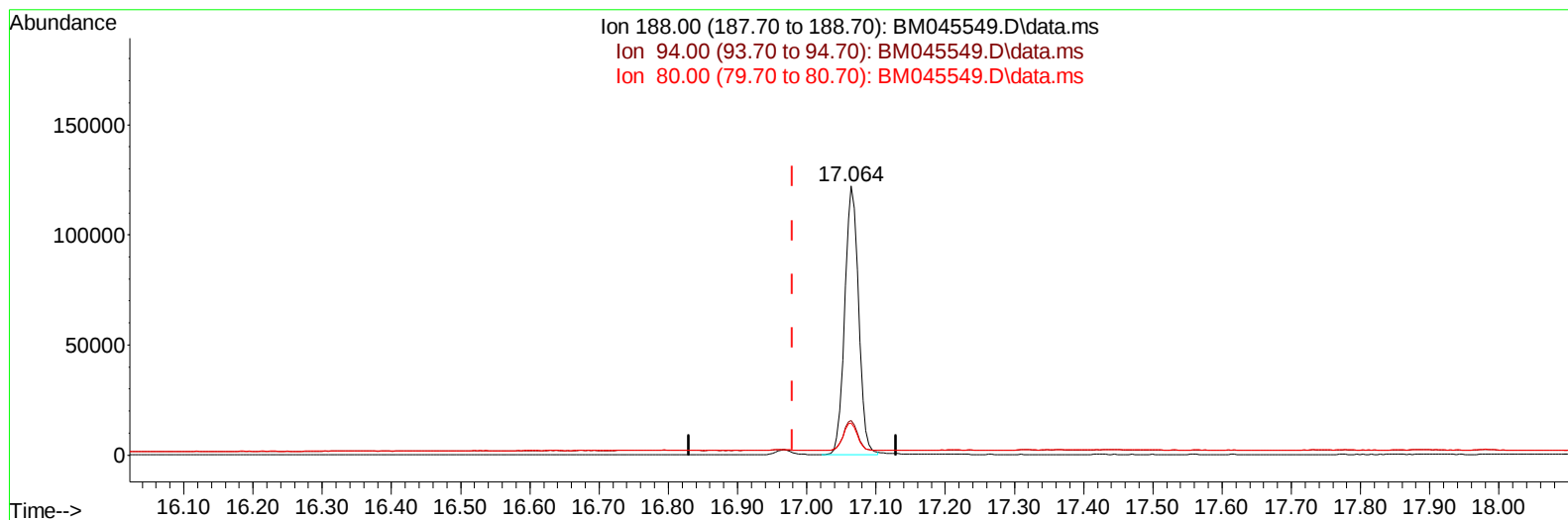
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045549.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.085) 0.40 ng/u1

response 169613

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.83
80.00	14.80	12.01
0.00	0.00	0.00

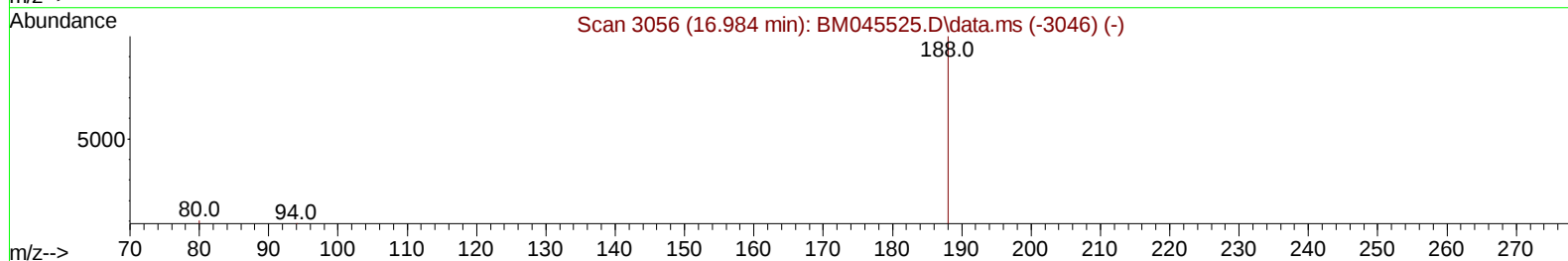
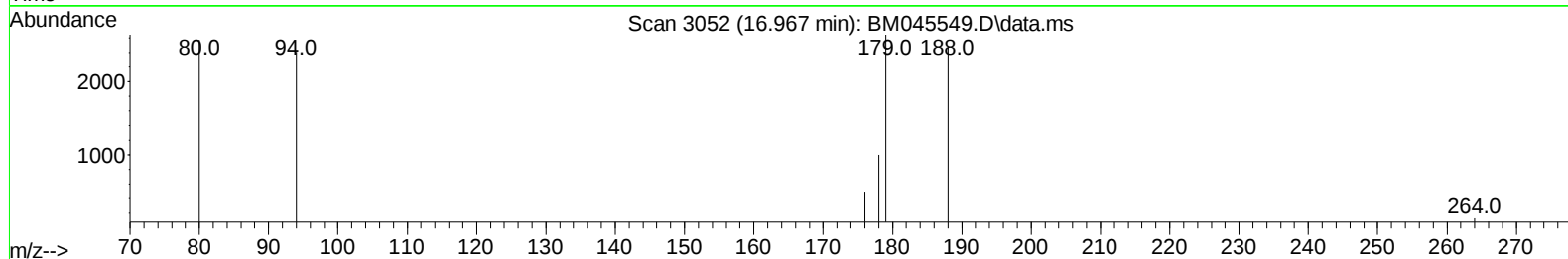
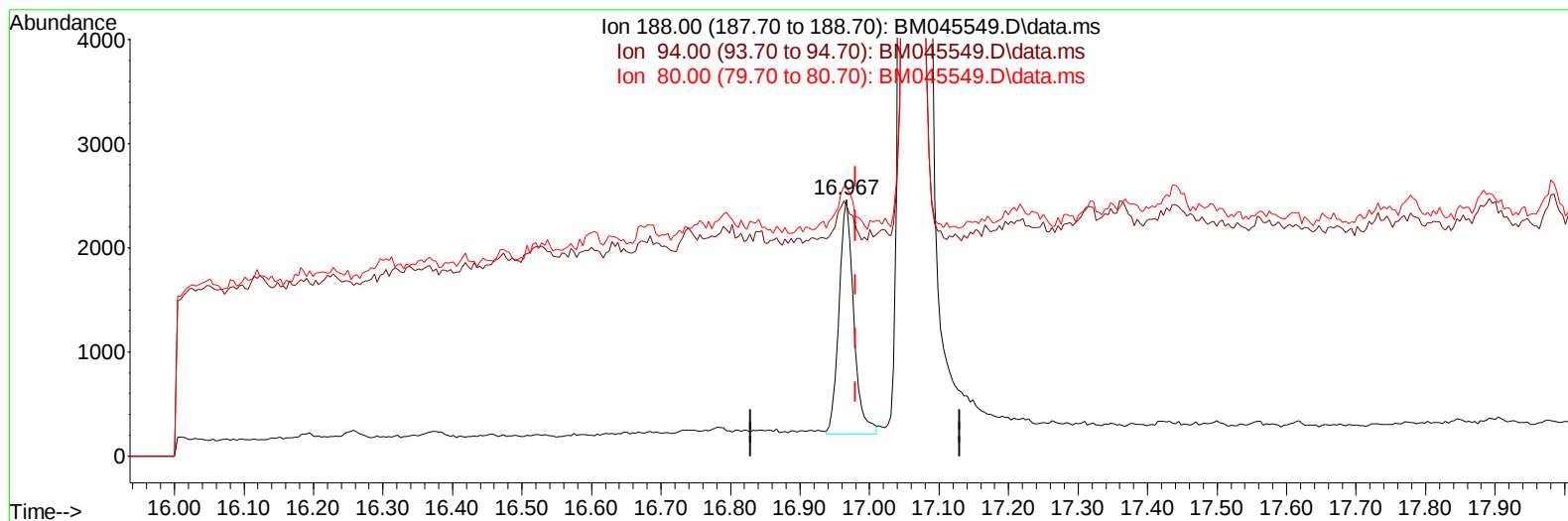
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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TIC: BM045549.D\data.ms

(13) Phenanthrene-d10 (I)

16.967min (-0.012) 0.40 ng/u1 m

response 3301

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	97.77#
80.00	14.80	104.34#
0.00	0.00	0.00

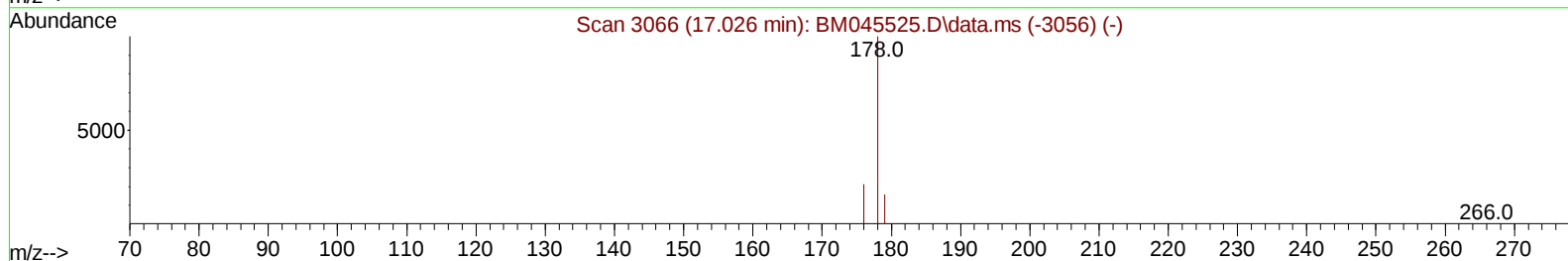
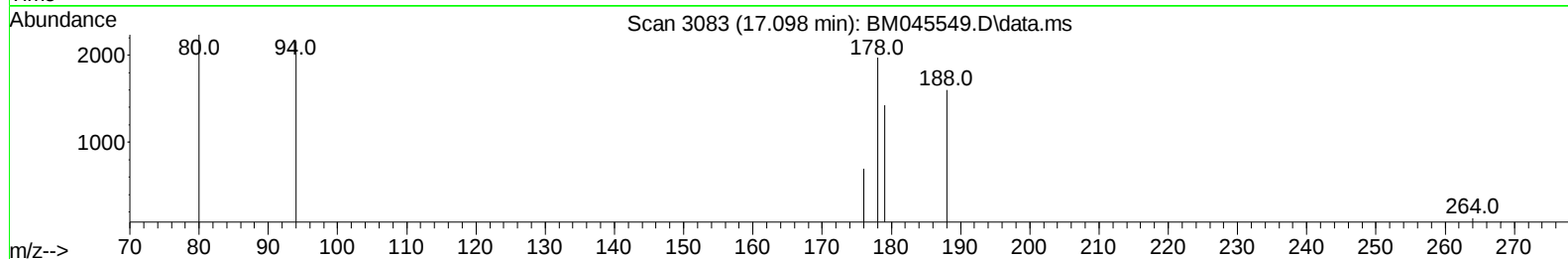
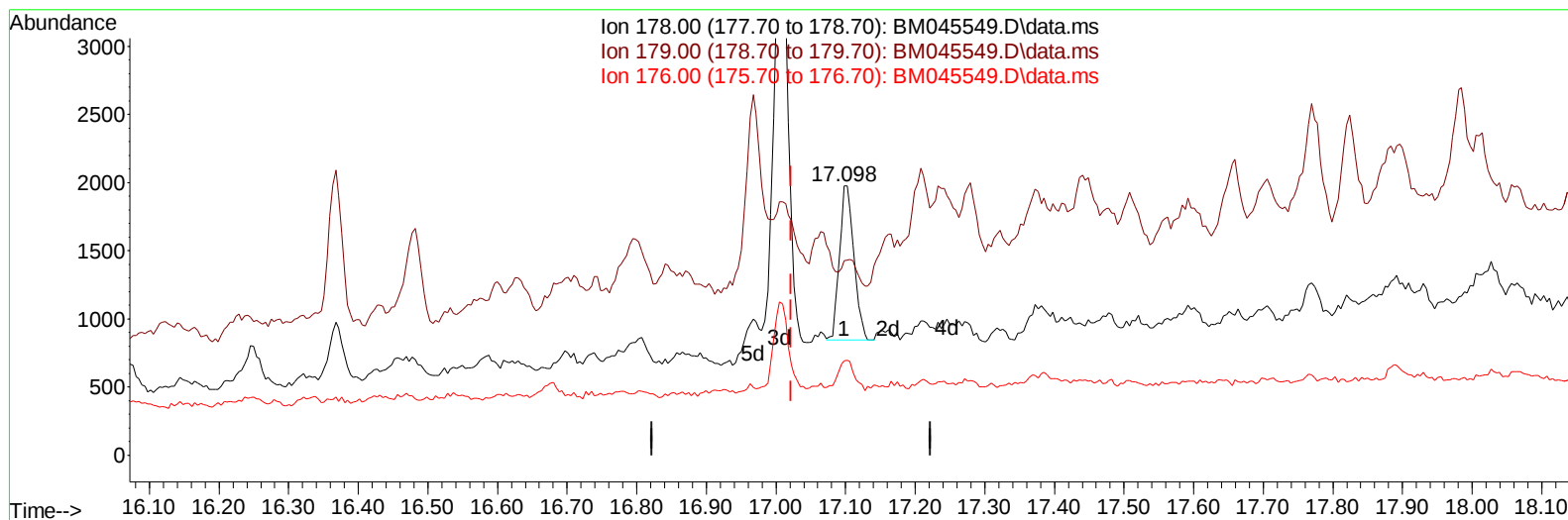
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
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TIC: BM045549.D\data.ms

(15) Phenanthrene

17.098min (+ 0.076) 0.17 ng/u1

response 1637

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	72.38#
176.00	23.70	35.12#
0.00	0.00	0.00

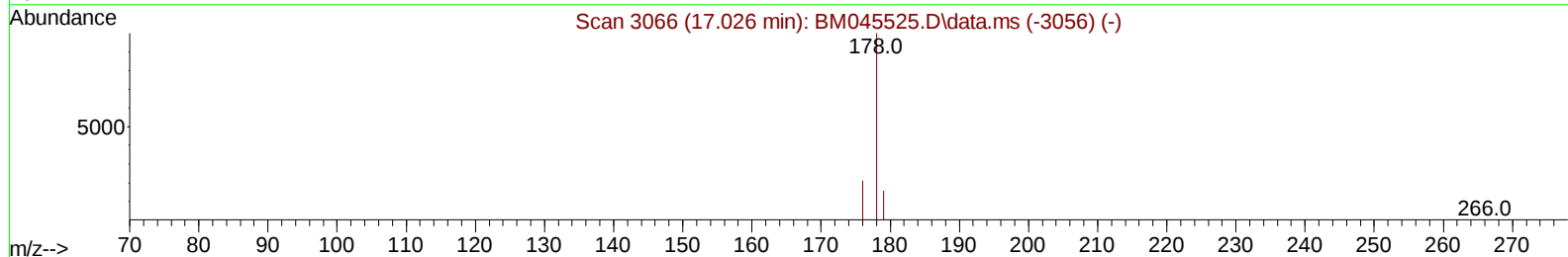
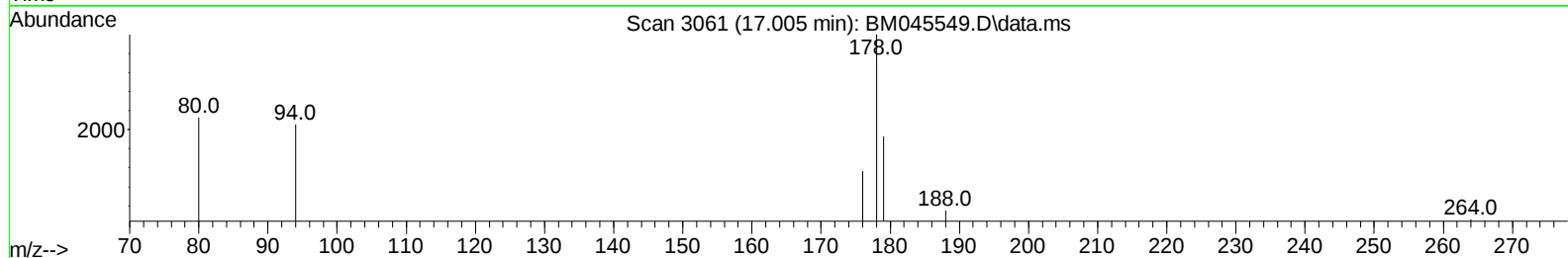
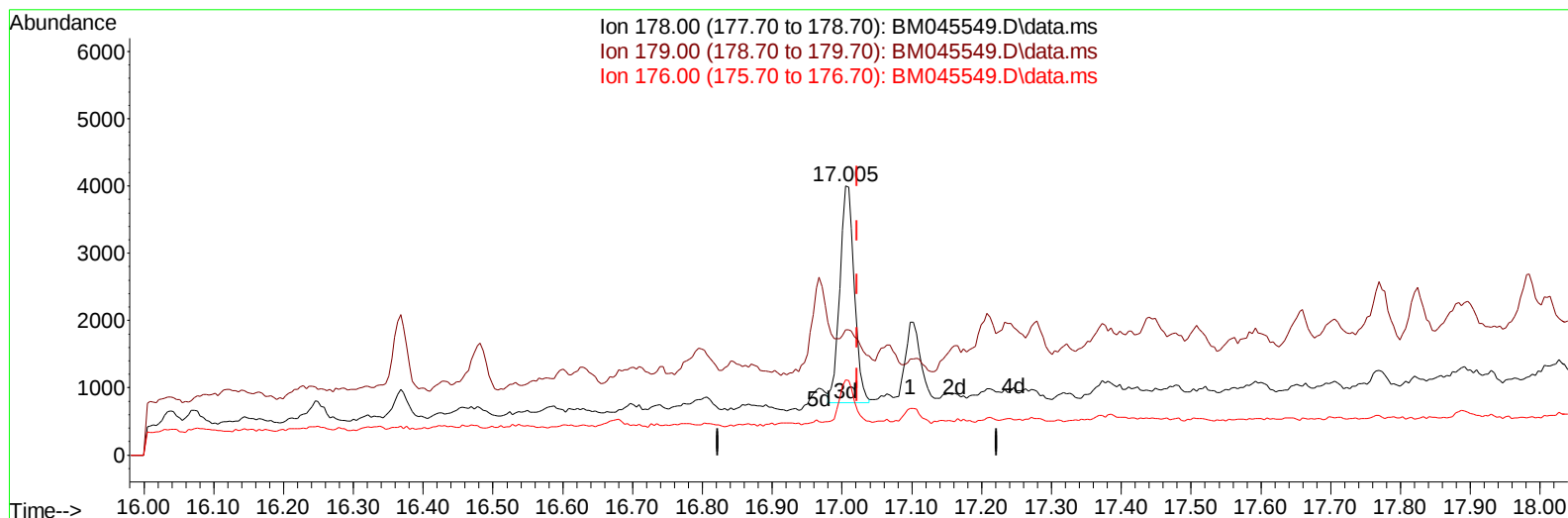
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045549.D
 Acq On : 25 Apr 2024 04:42
 Operator : MA/JU
 Sample : P2104-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
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 QLast Update : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BM045549.D\data.ms

(15) Phenanthrene

17.005min (-0.017) 0.48 ng/u1 m

response 4631

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	46.52#
176.00	23.70	28.06
0.00	0.00	0.00

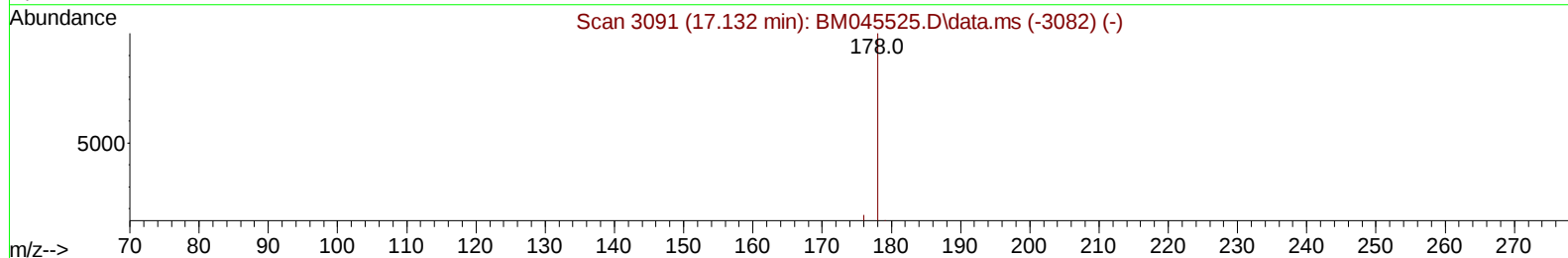
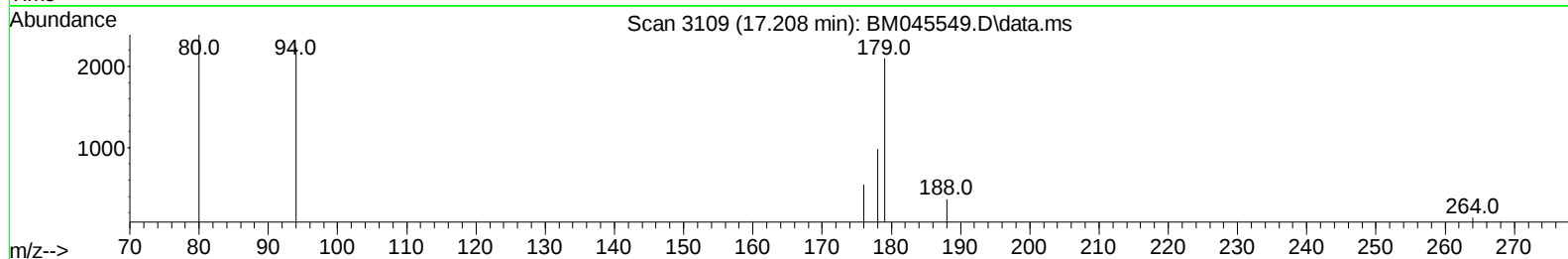
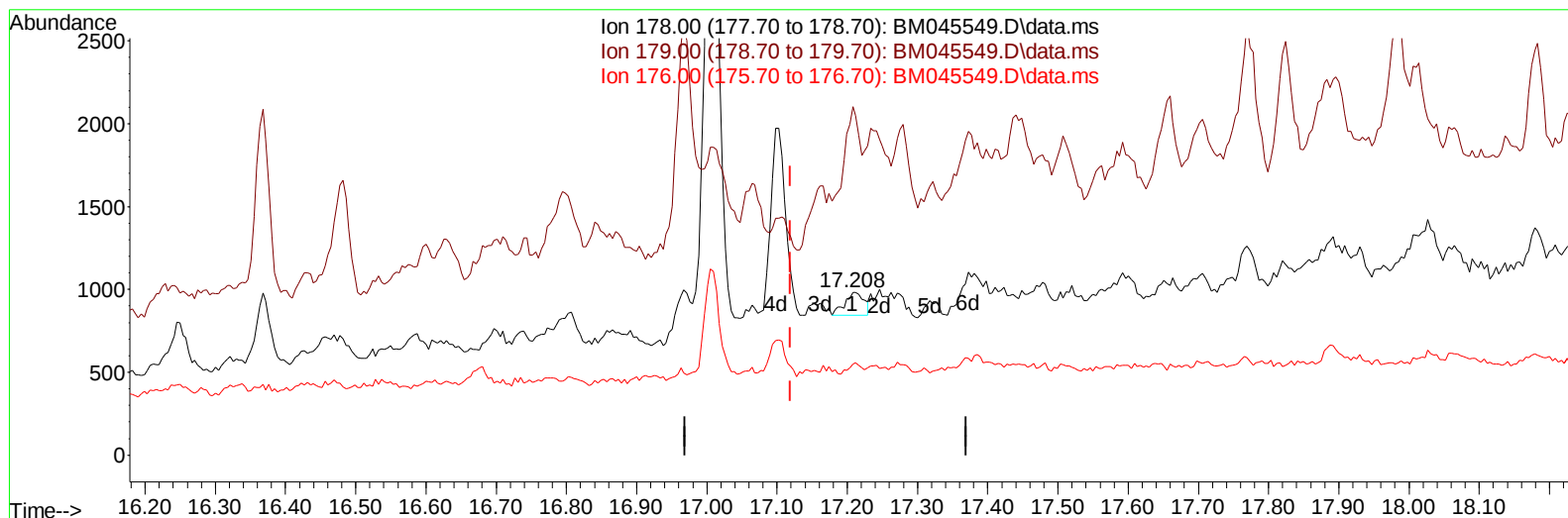
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
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TIC: BM045549.D\data.ms

(16) Anthracene

17.208min (+ 0.089) 0.03 ng/u1

response 268

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	214.04#
176.00	23.40	55.85#
0.00	0.00	0.00

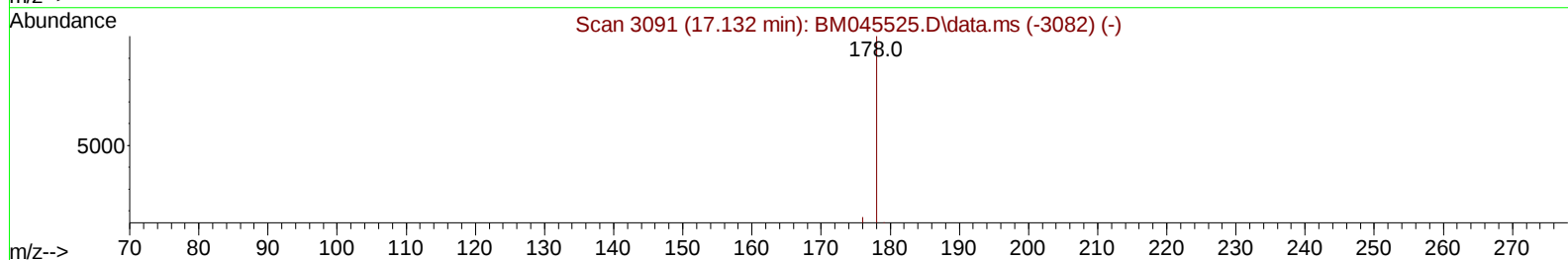
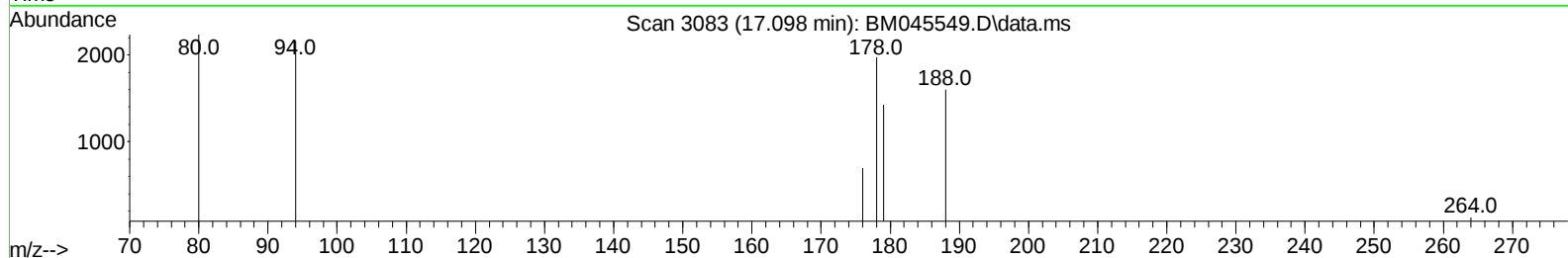
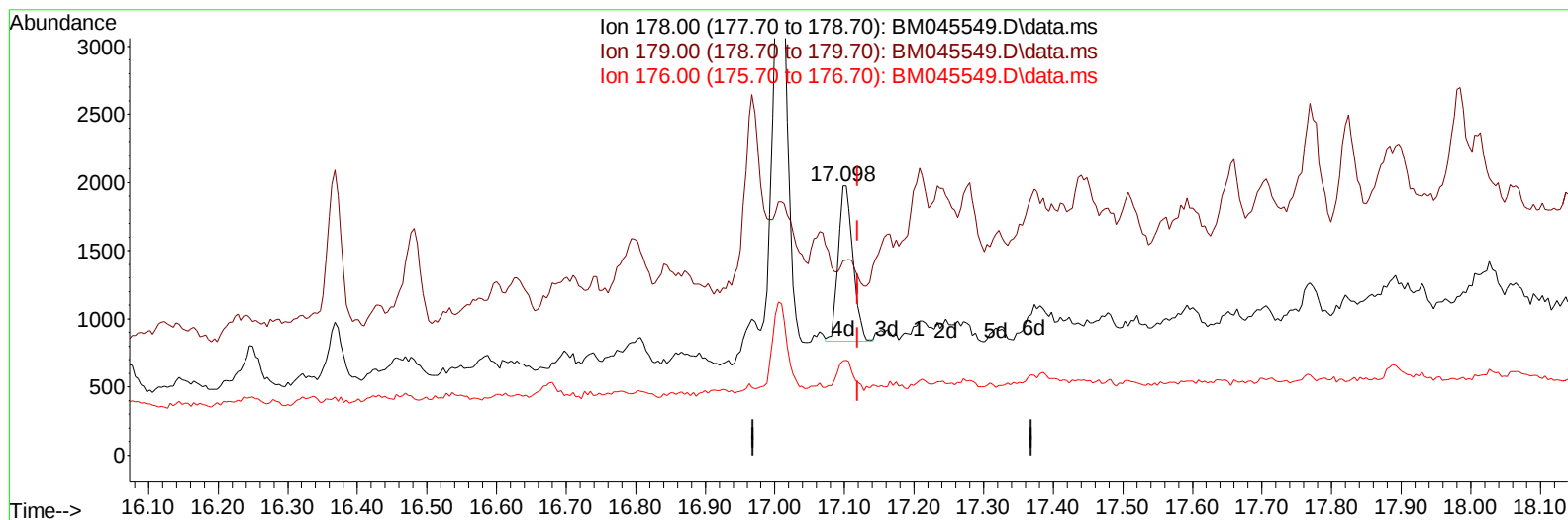
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
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TIC: BM045549.D\data.ms

(16) Anthracene

17.098min (-0.021) 0.19 ng/u1 m

response 1666

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	72.38#
176.00	23.40	35.12#
0.00	0.00	0.00

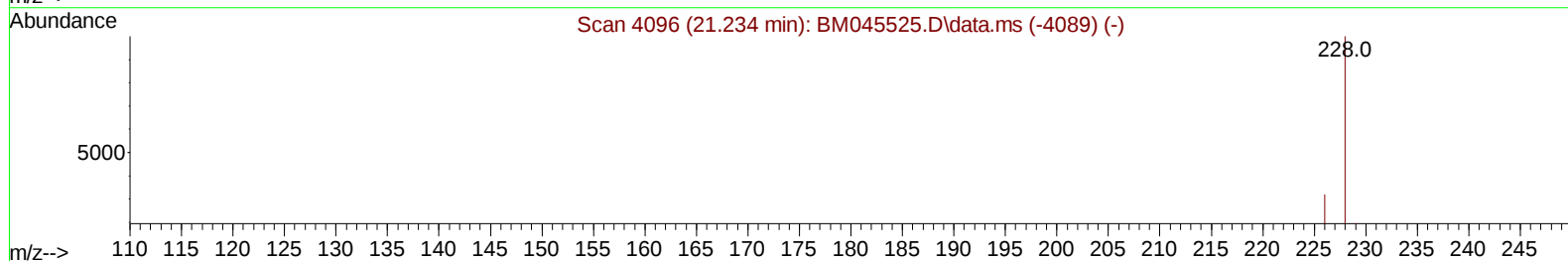
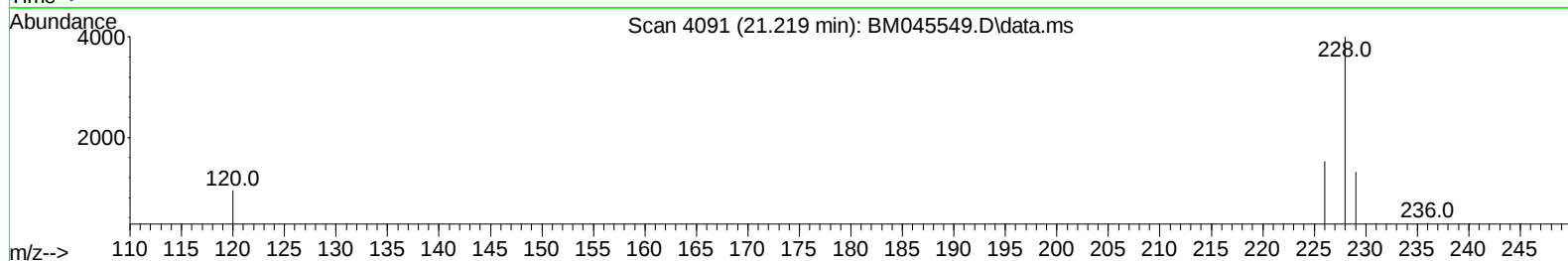
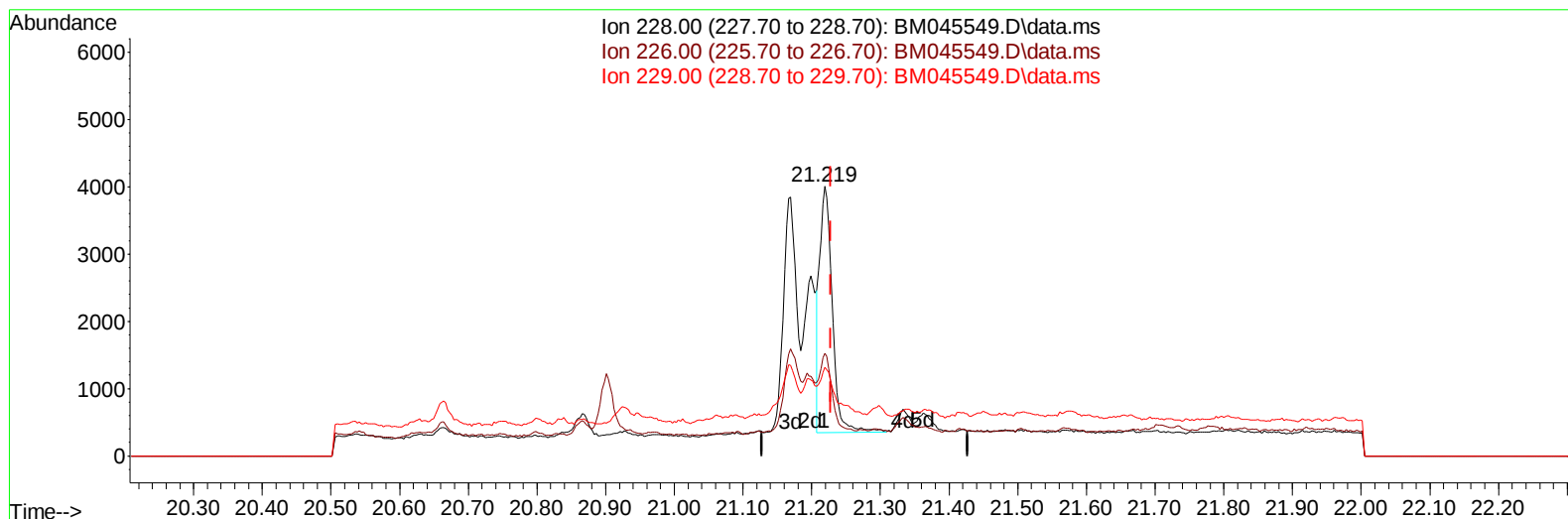
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
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TIC: BM045549.D\data.ms

(22) Chrysene

21.219min (-0.009) 0.37 ng/u1

response 4649

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	37.98
229.00	22.30	32.81#
0.00	0.00	0.00

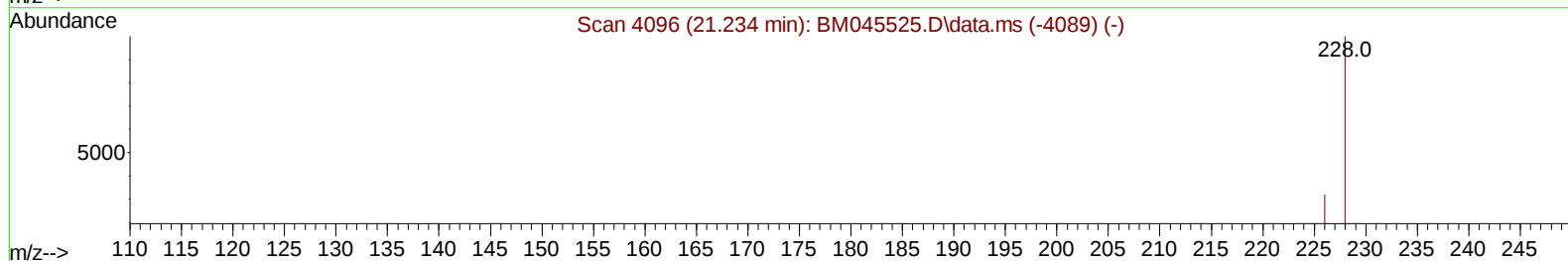
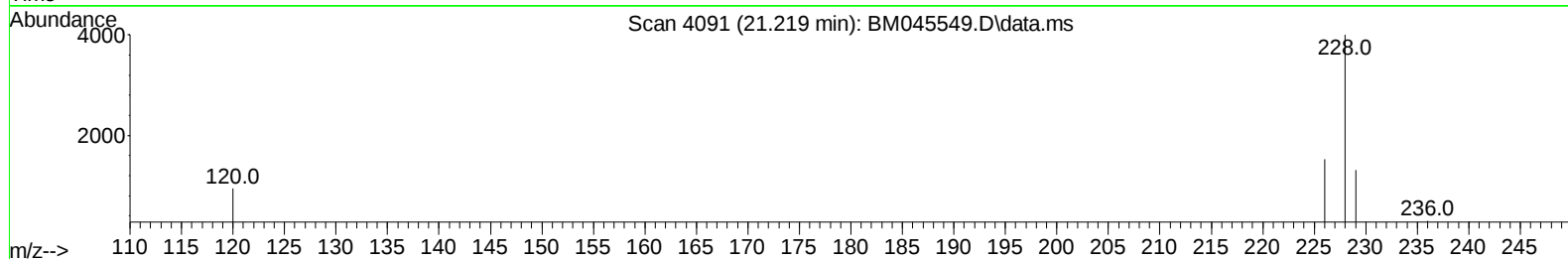
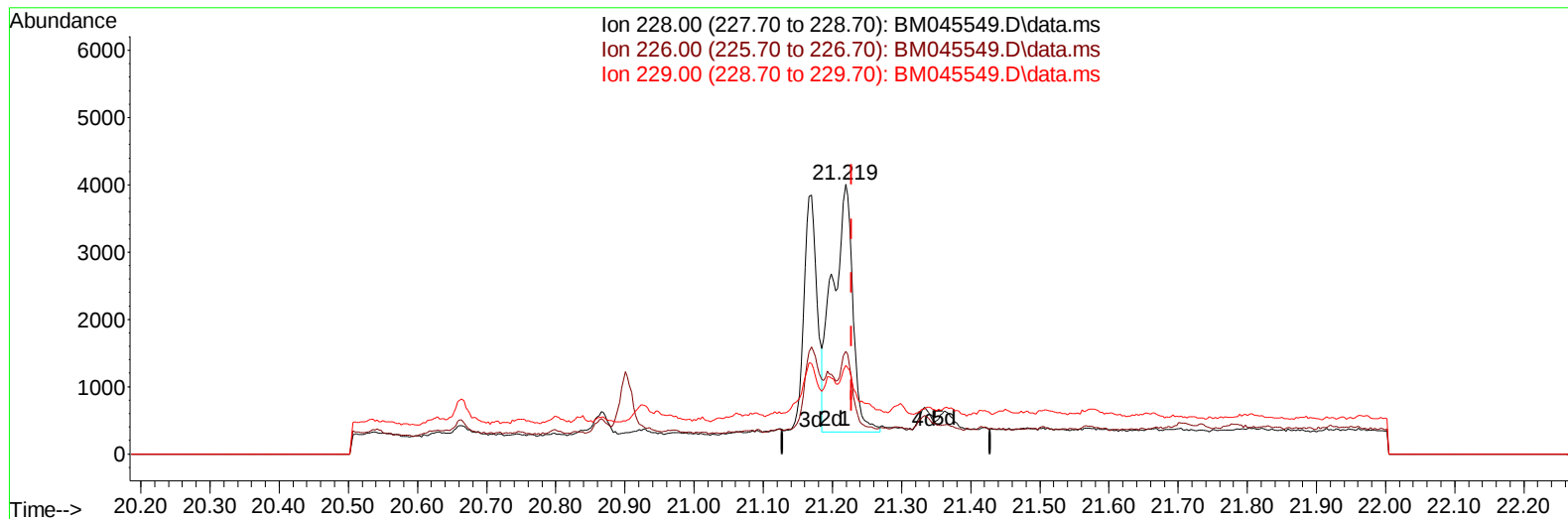
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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TIC: BM045549.D\data.ms

(22) Chrysene

21.219min (-0.009) 0.59 ng/u1 m

response 7475

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	37.98
229.00	22.30	32.81#
0.00	0.00	0.00

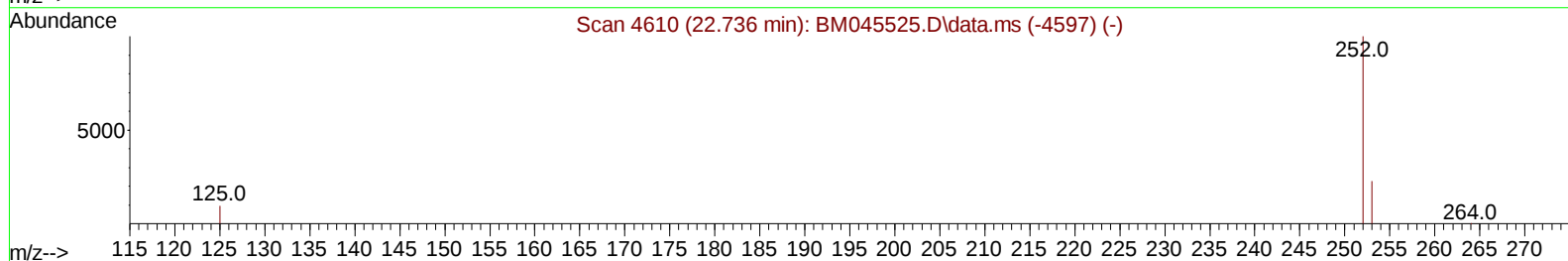
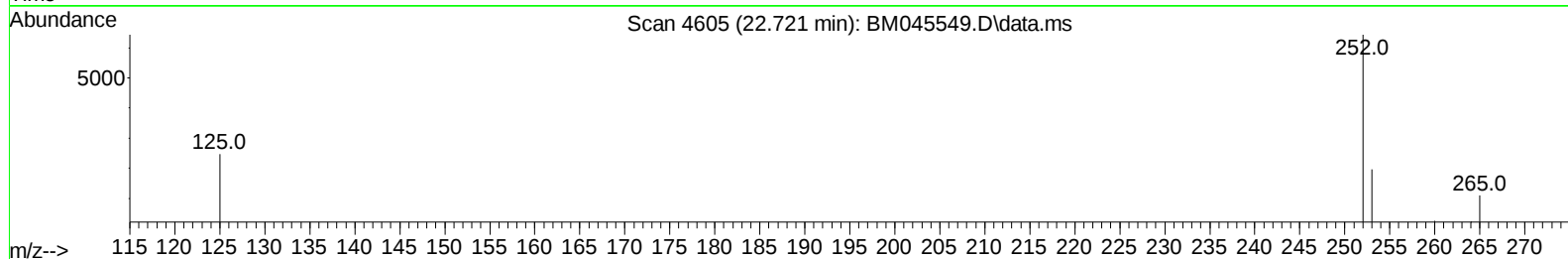
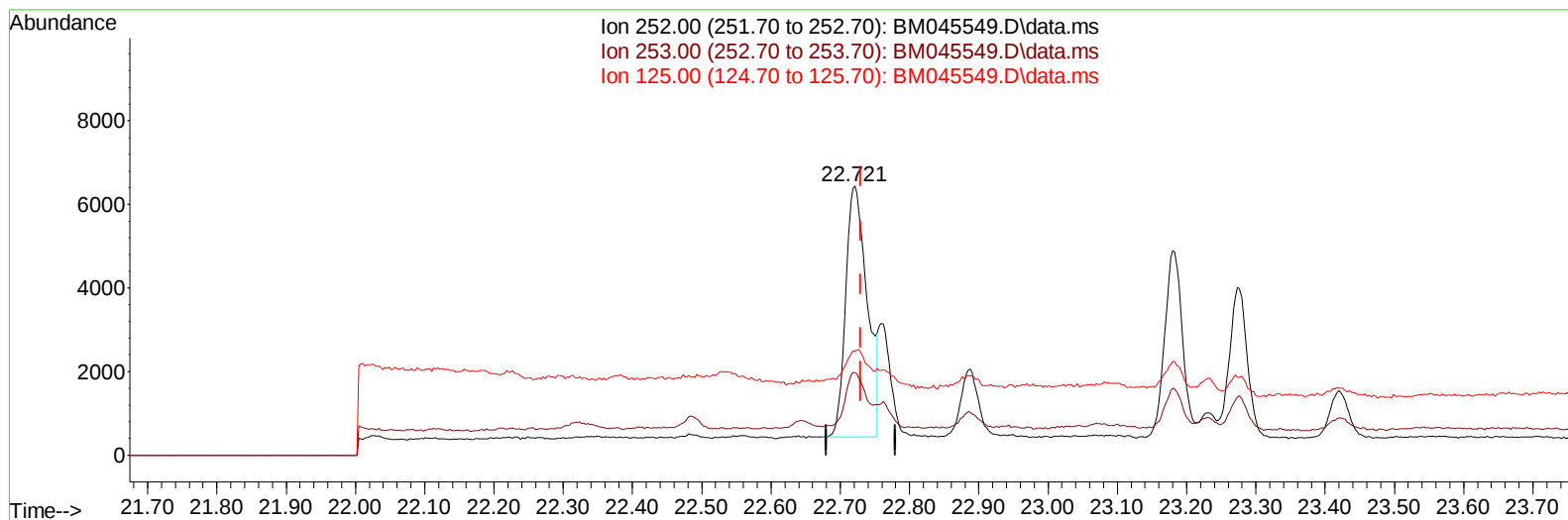
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

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TIC: BM045549.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 1.03 ng/u1

response 13014

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.62
125.00	18.40	38.47#
0.00	0.00	0.00

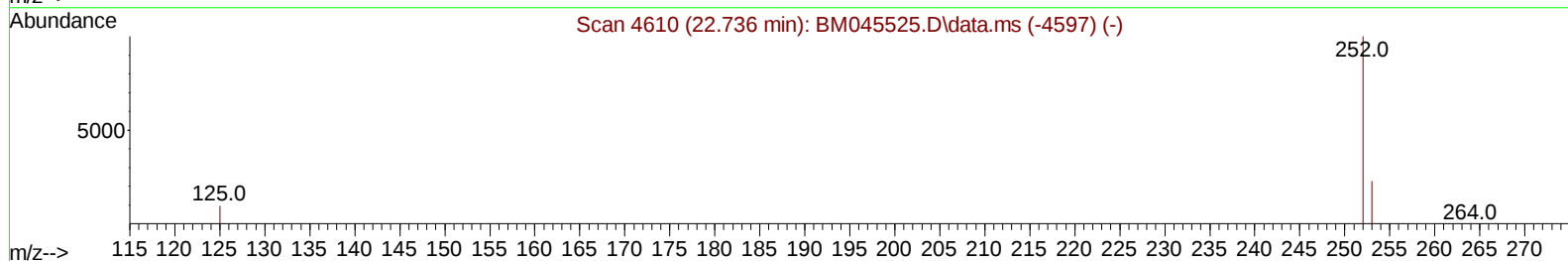
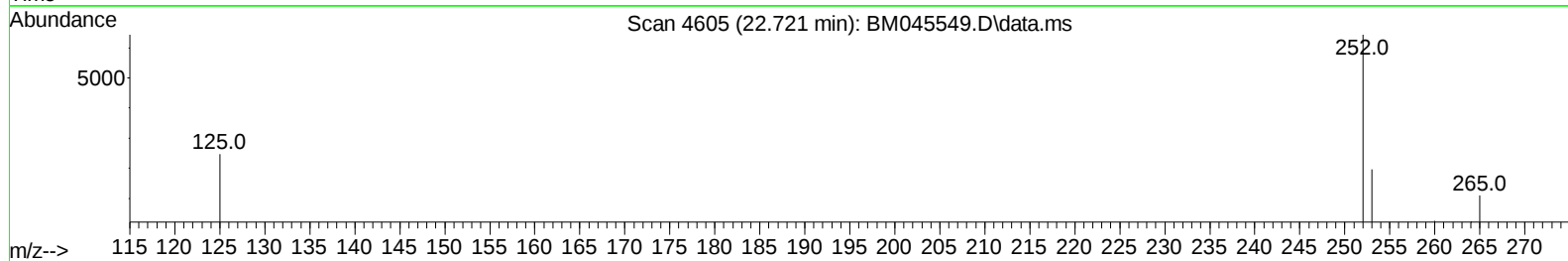
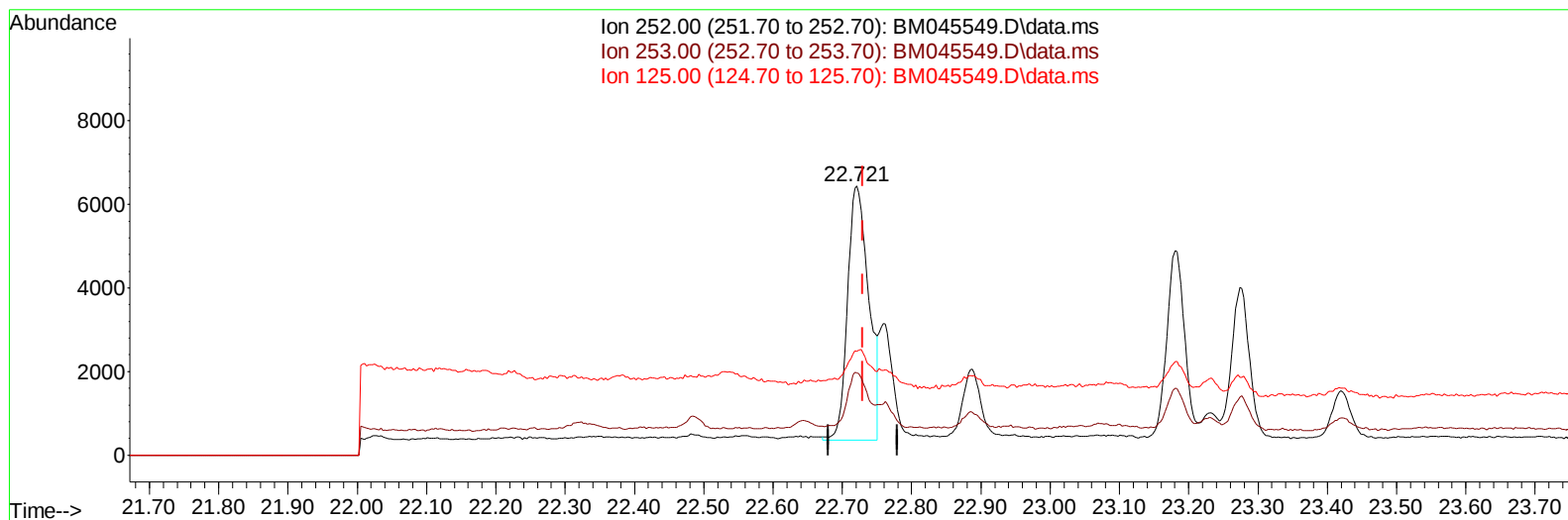
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

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TIC: BM045549.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.009) 1.02 ng/u1 m

response 12943

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.62
125.00	18.40	38.47#
0.00	0.00	0.00

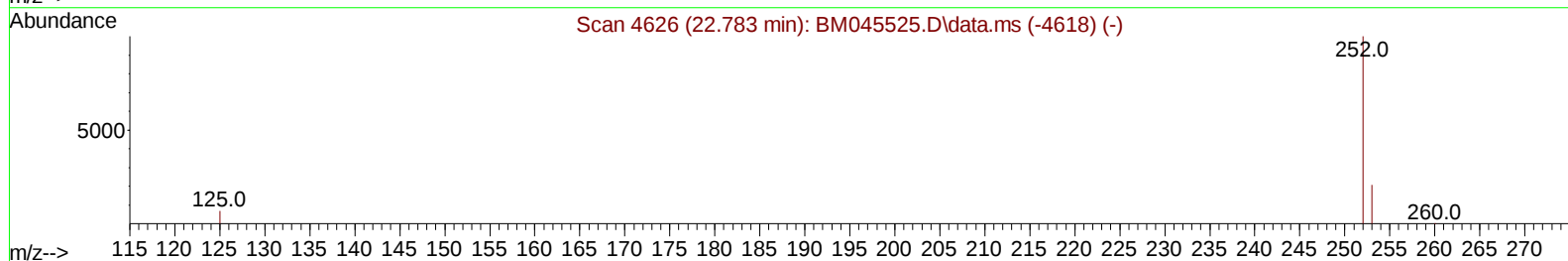
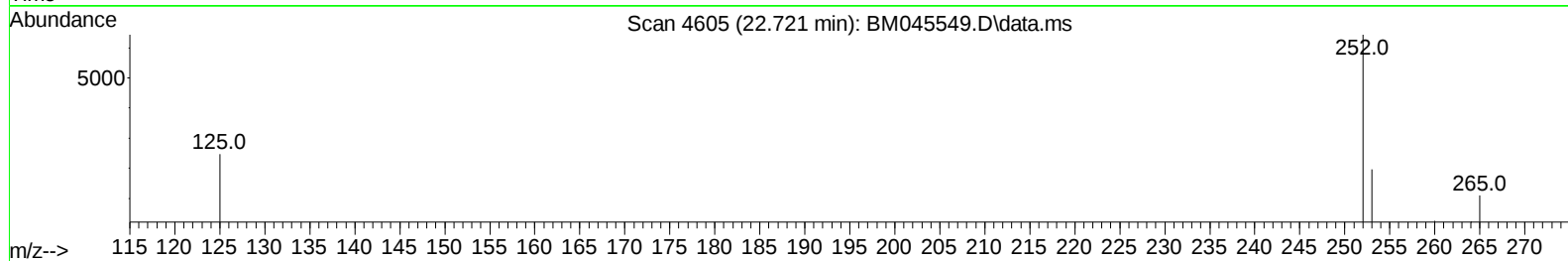
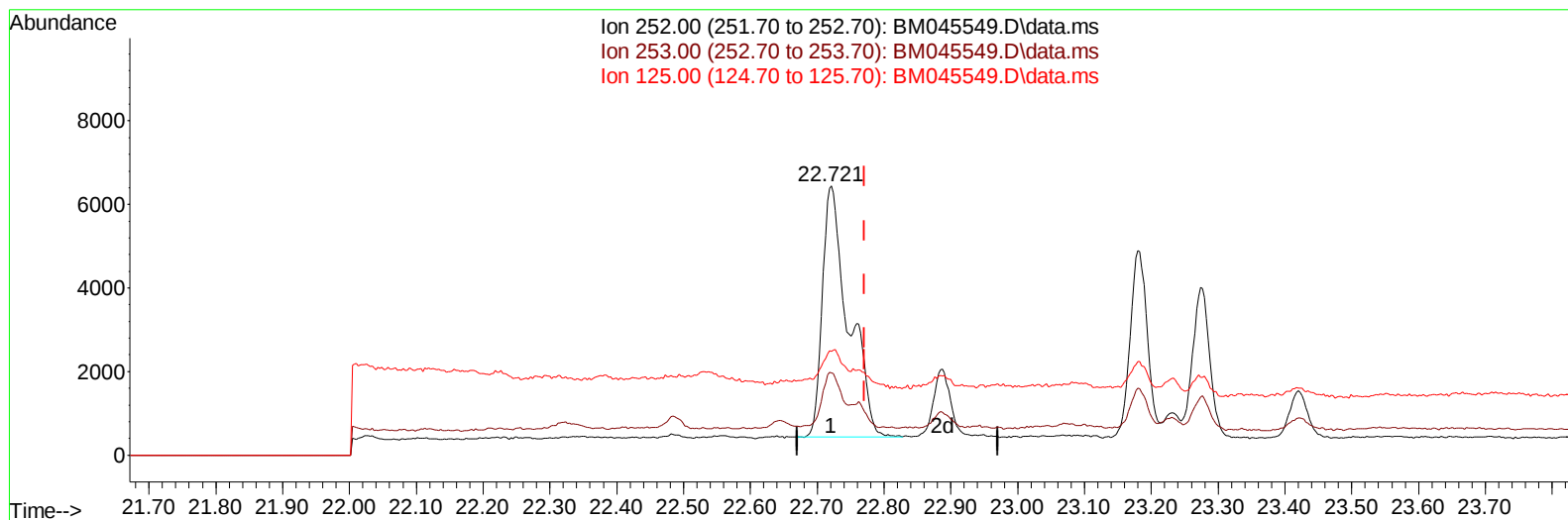
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Data File : BM045549.D
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Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/27/2024



TIC: BM045549.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.050) 1.02 ng/u1

response 16397

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	30.62
125.00	18.50	38.47#
0.00	0.00	0.00

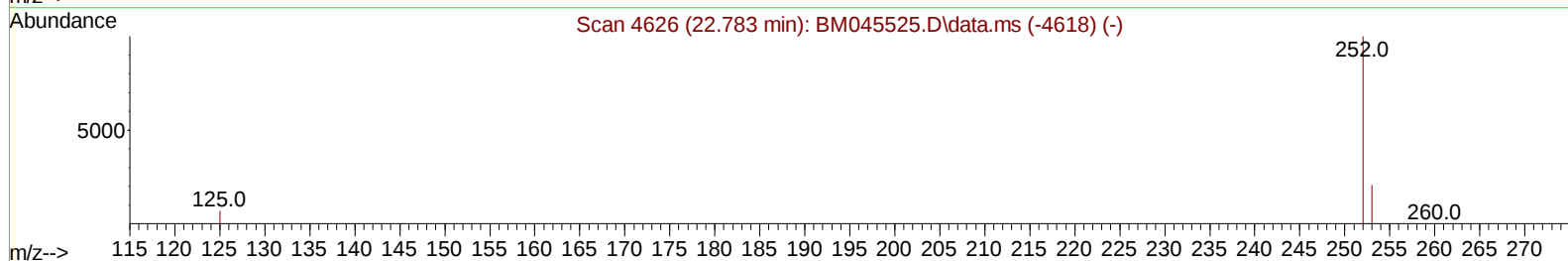
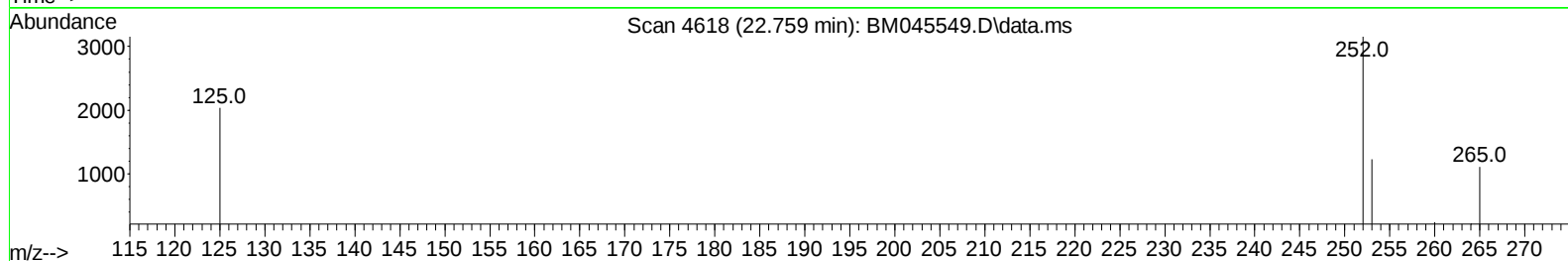
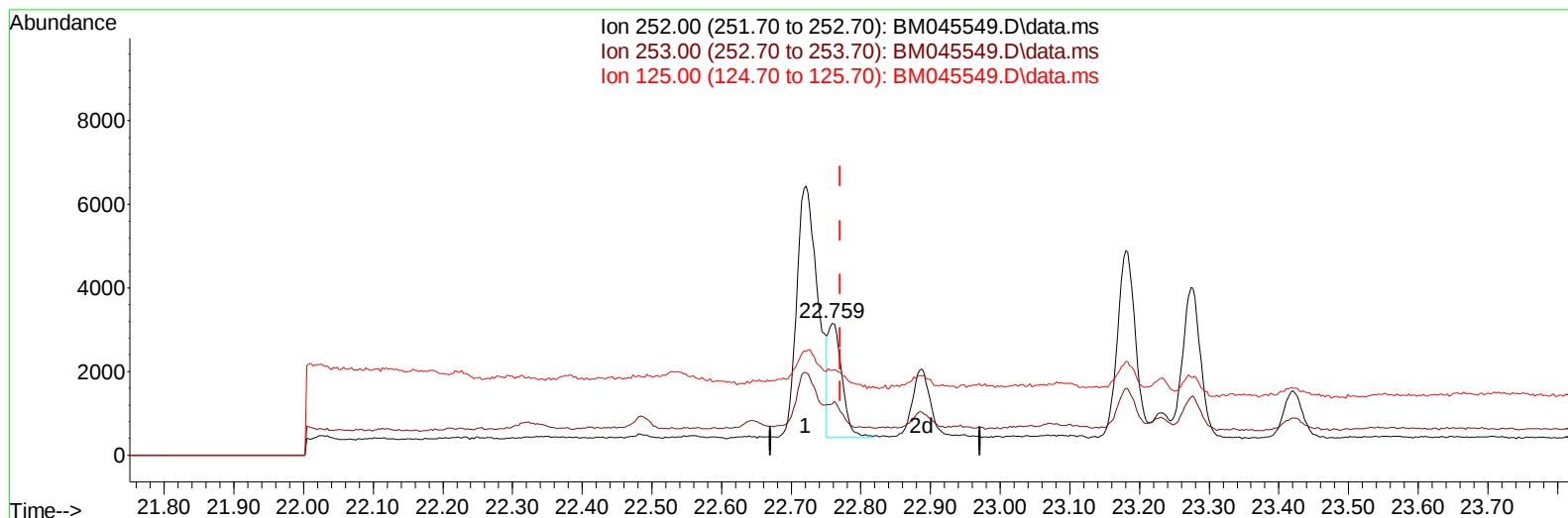
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
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Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BM045549.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.012) 0.24 ng/u1 m

response 3802

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	38.92#
125.00	18.50	64.48#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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 Acq On : 25 Apr 2024 04:42
 Operator : MA/JU
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
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 C0AC8

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152		925	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136		2454	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164		1644	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188		3301m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.184	240		2569	0.400	ng/ul	# 0.00
23) Perylene-d12	23.373	264		3773	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.167	96		4385	3.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152		818	0.253	ng/ul	-0.01
18) Fluoranthene-d10	19.010	212		1992	0.246	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.364	128		2643	0.401	ng/ul	93
7) 2-Methylnaphthalene	11.991	142		1443	0.383	ng/ul	98
8) 1-Methylnaphthalene	12.217	142		810	0.192	ng/ul	93
10) Acenaphthylene	13.918	152		2089	0.258	ng/ul#	59
12) Fluorene	15.260	166		461	0.072	ng/ul#	12
15) Phenanthrene	17.005	178		4631m	0.482	ng/ul	
16) Anthracene	17.098	178		1666m	0.185	ng/ul	
19) Fluoranthene	19.038	202		8222	0.694	ng/ul	98
20) Pyrene	19.405	202		8771	0.720	ng/ul	98
21) Benzo(a)anthracene	21.169	228		4607	0.561	ng/ul#	82
22) Chrysene	21.219	228		7475m	0.592	ng/ul	
24) Benzo(b)fluoranthene	22.721	252		12943m	1.020	ng/ul	
25) Benzo(k)fluoranthene	22.759	252		3802m	0.237	ng/ul	
26) Benzo(a)pyrene	23.274	252		6597	0.501	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.558	276		7820	0.409	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.561	278		2267	0.149	ng/ul#	42
29) Benzo(g,h,i)perylene	26.222	276		7166	0.417	ng/ul#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045549.D
Acq On : 25 Apr 2024 04:42
Operator : MA/JU
Sample : P2104-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Quant Time: Apr 25 05:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

