

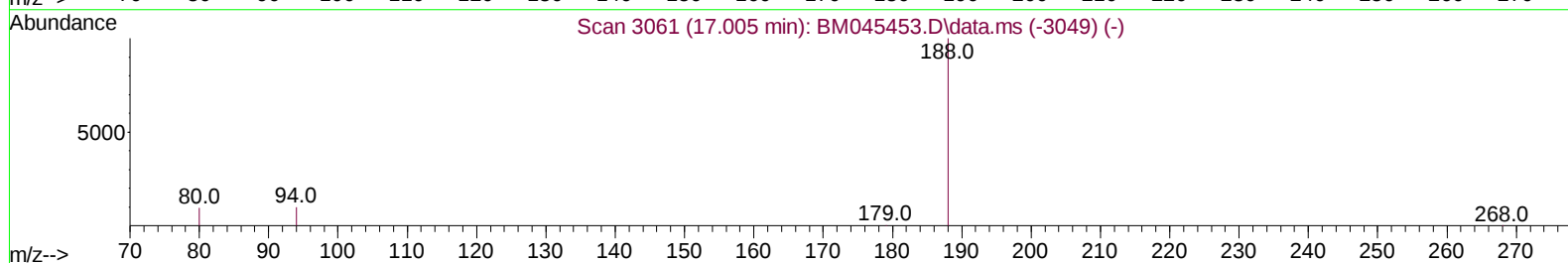
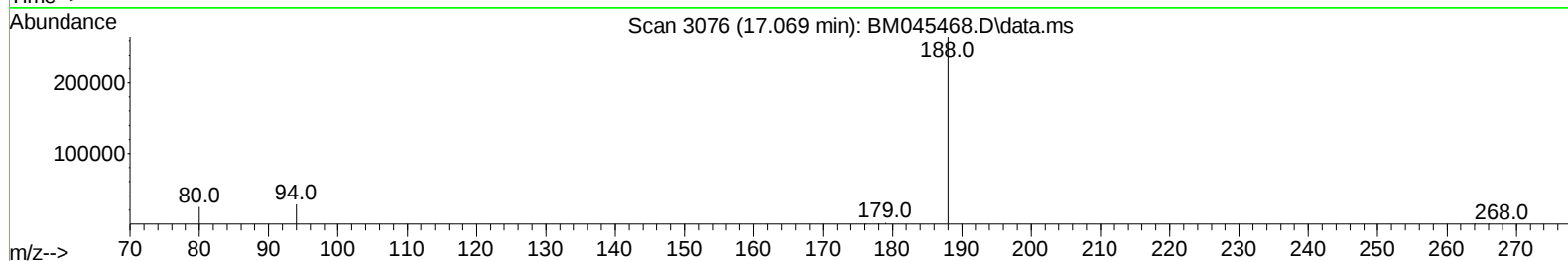
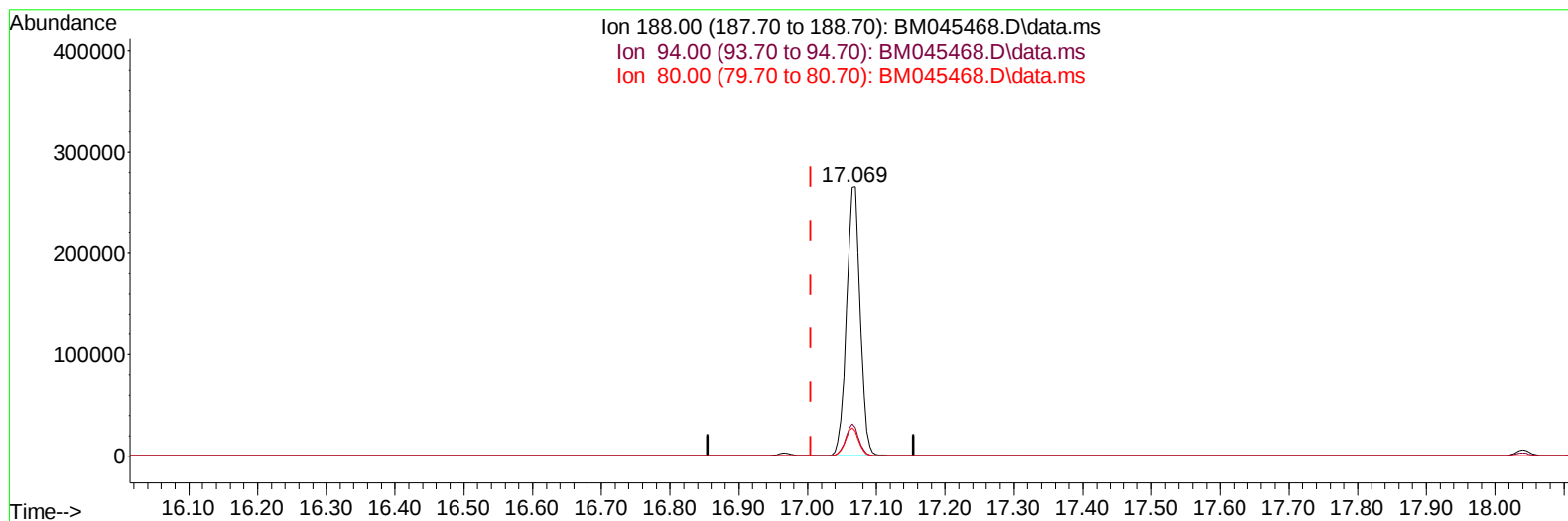
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045468.D
Acq On : 21 Apr 2024 18:46
Operator : MA/JU
Sample : P2181-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK9

Manual IntegrationsAPPROVED

Quant Time: Apr 22 02:05:12 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 : Mon Apr 22 02:01:19 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BM045468.D\data.ms

(13) Phenanthrene-d10 (I)

17.069min (+ 0.064) 0.40 ng/u1

response 364824

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.60#
80.00	14.80	9.12#
0.00	0.00	0.00

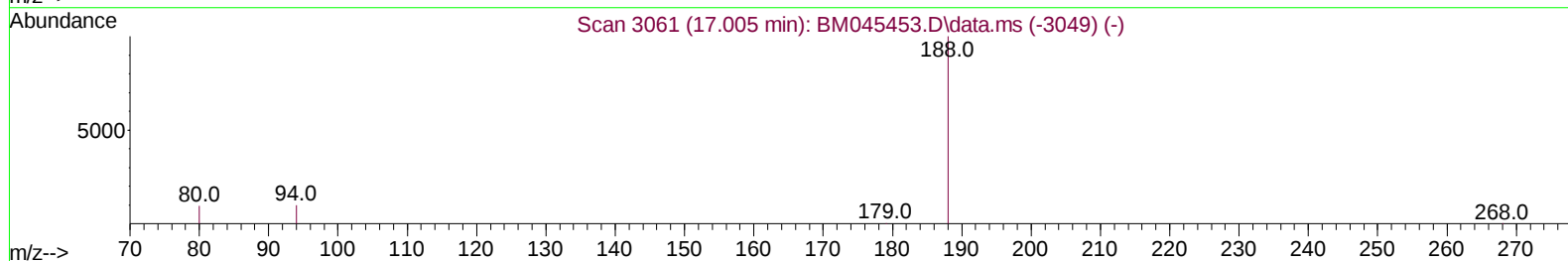
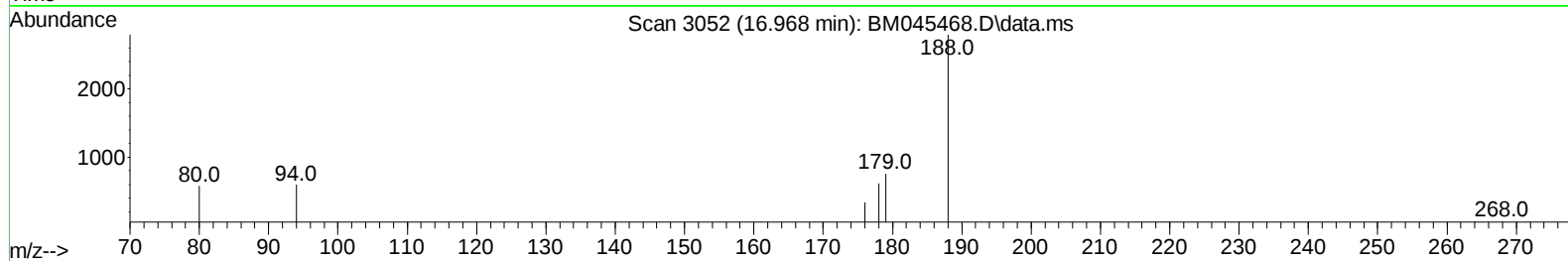
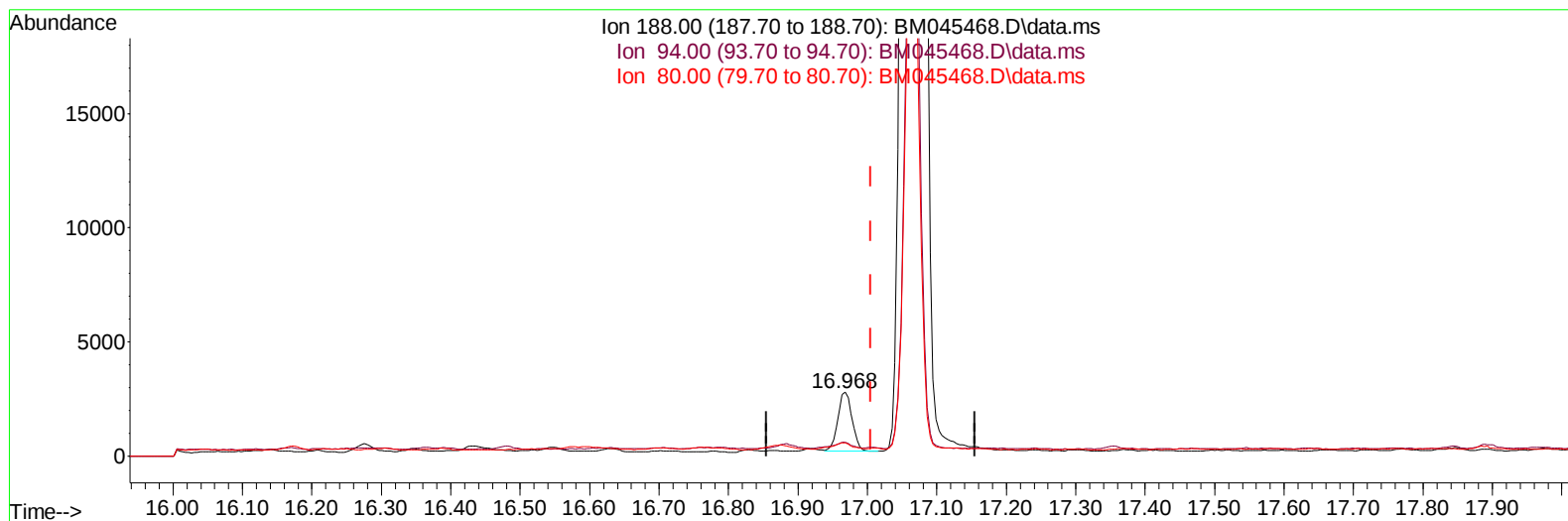
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Reviewed By :Yogesh Patel 04/24/2024
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TIC: BM045468.D\data.ms

(13) Phenanthrene-d10 (I)

16.968min (-0.037) 0.40 ng/u1 m

response 3671

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	21.45#
80.00	14.80	20.77#
0.00	0.00	0.00

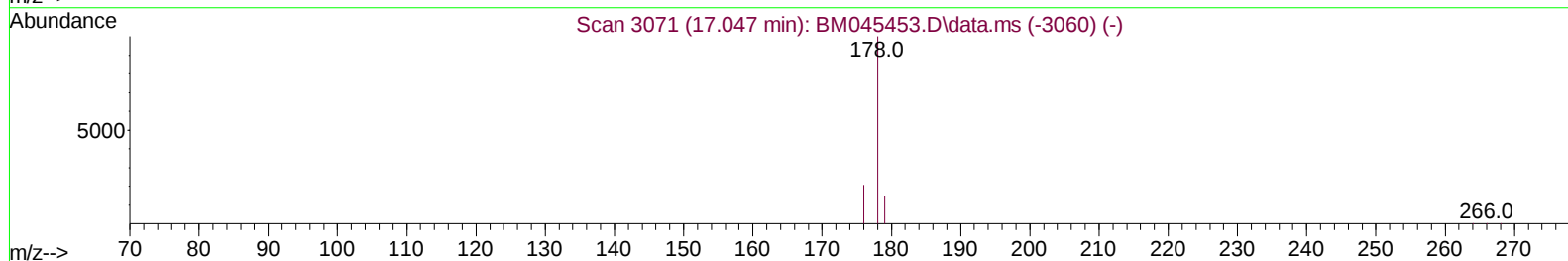
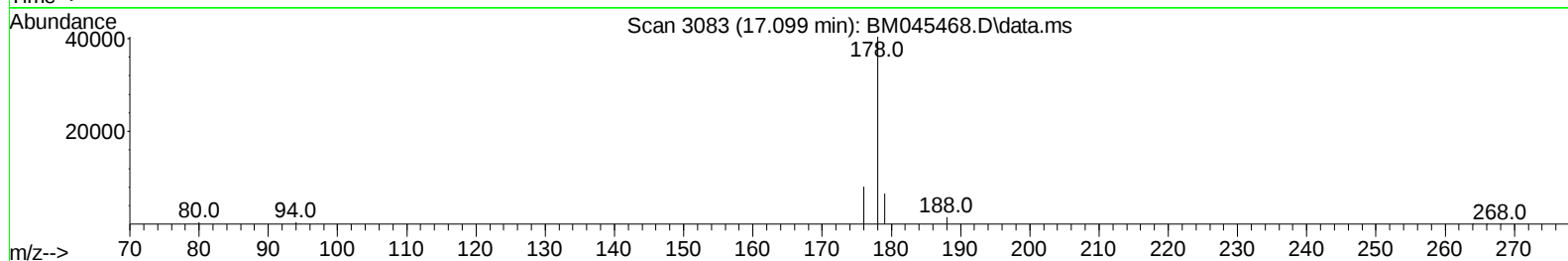
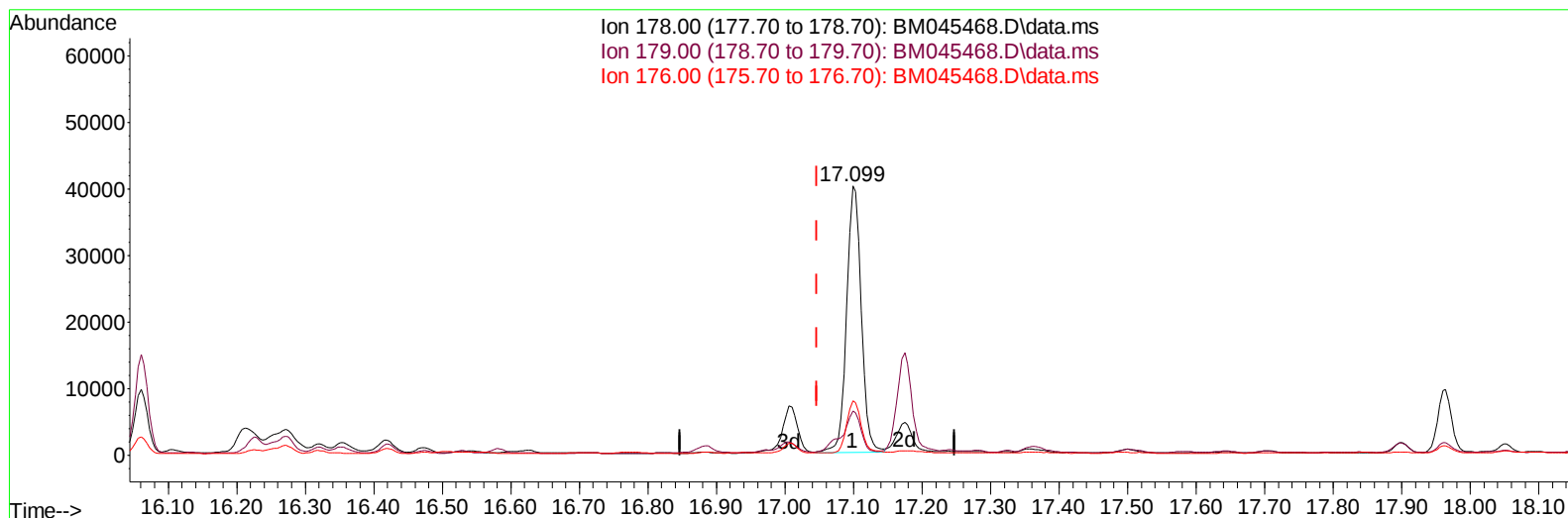
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 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM045468.D\data.ms

(15) Phenanthrene

17.099min (+ 0.051) 5.54 ng/u1

response 59263

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.31
176.00	23.70	20.18
0.00	0.00	0.00

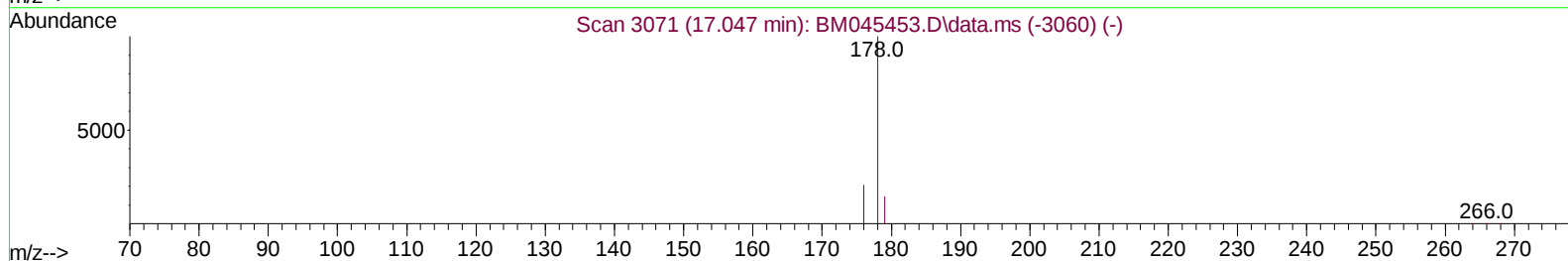
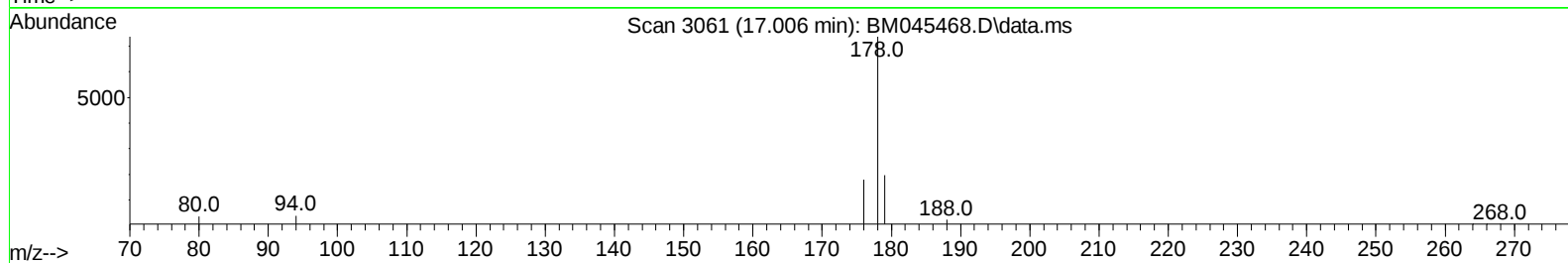
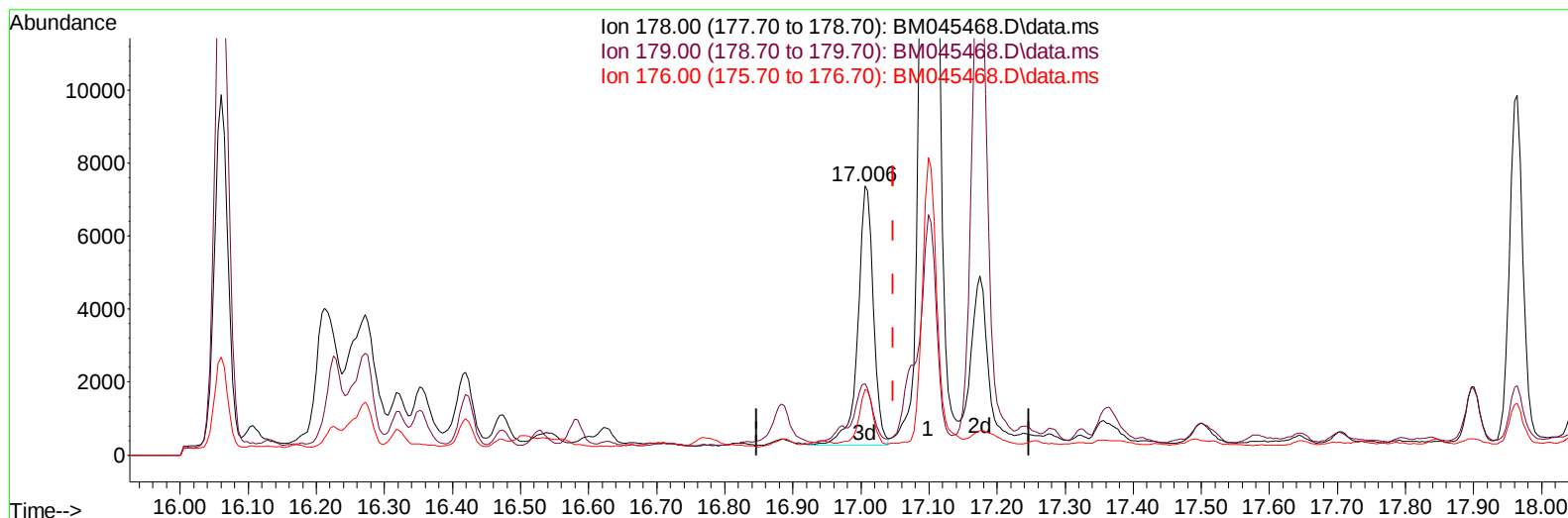
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TIC: BM045468.D\data.ms

(15) Phenanthrene

17.006min (-0.041) 1.05 ng/ul m

response 11225

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	26.59#
176.00	23.70	24.35
0.00	0.00	0.00

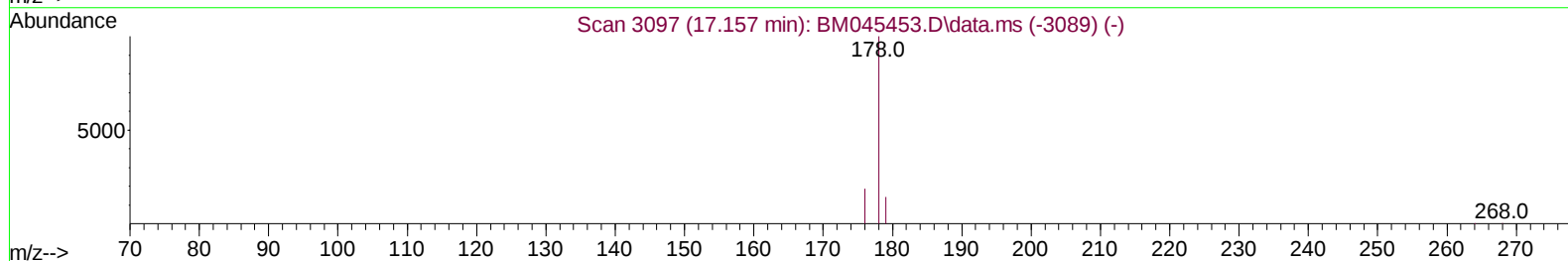
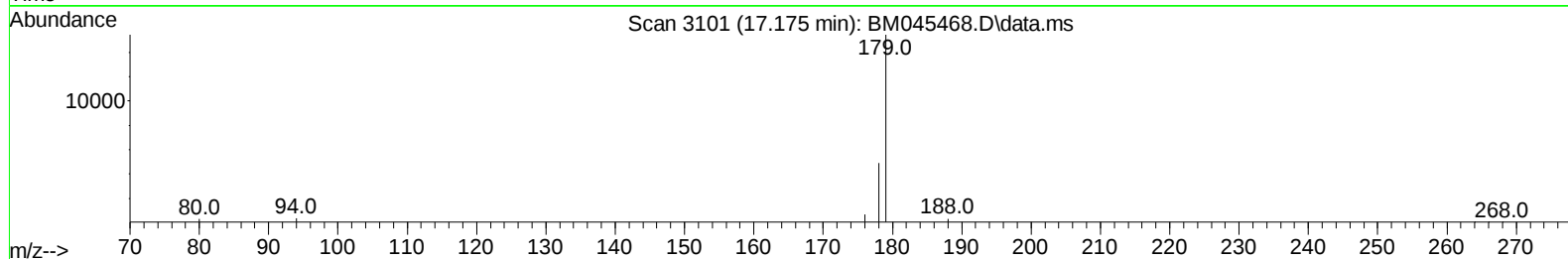
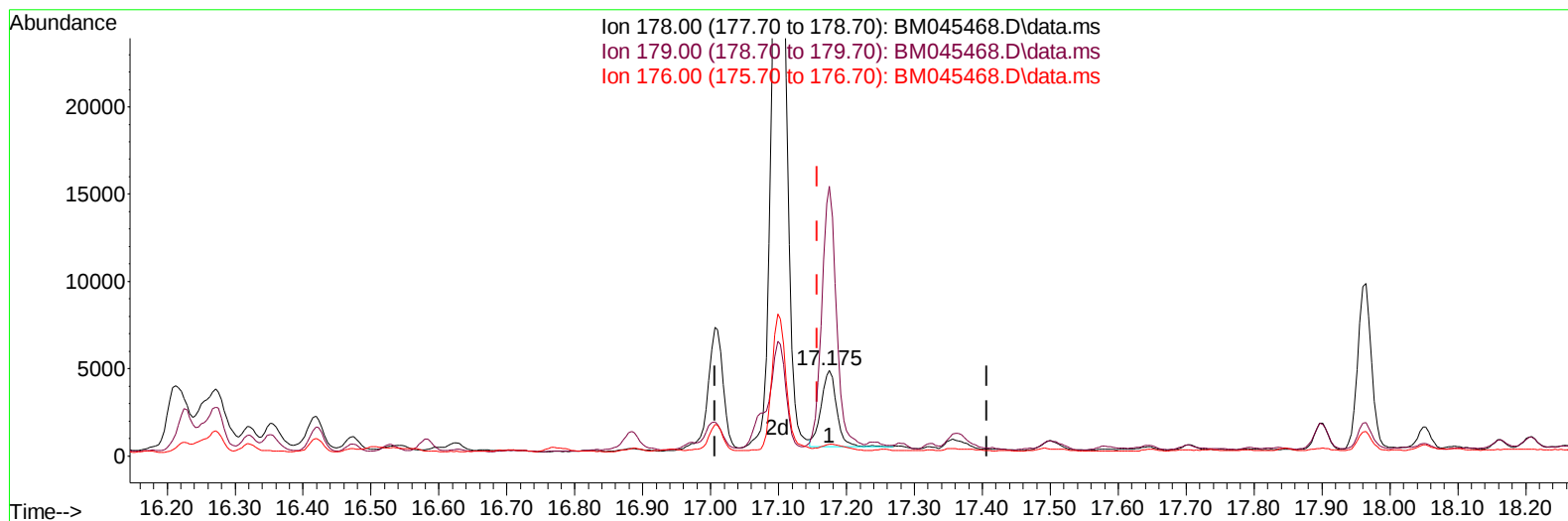
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Operator : MA/JU
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Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045468.D\data.ms

(16) Anthracene

17.175min (+ 0.018) 0.71 ng/u1

response 7091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	314.18#
176.00	23.40	13.53#
0.00	0.00	0.00

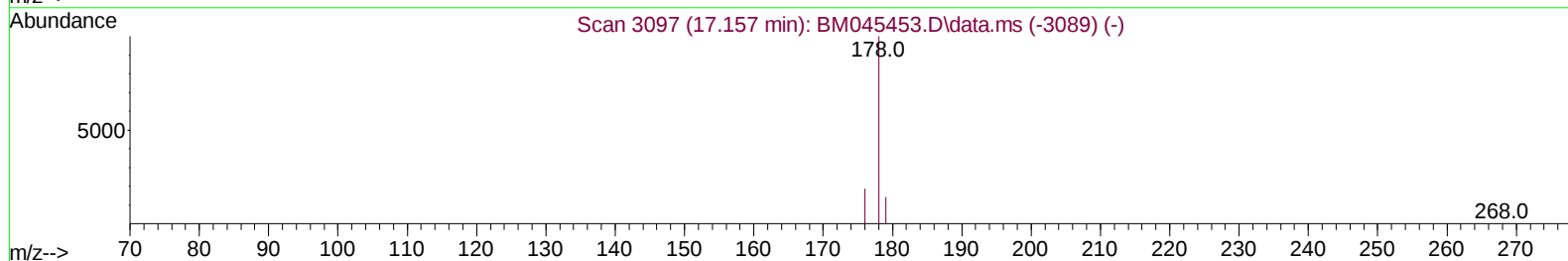
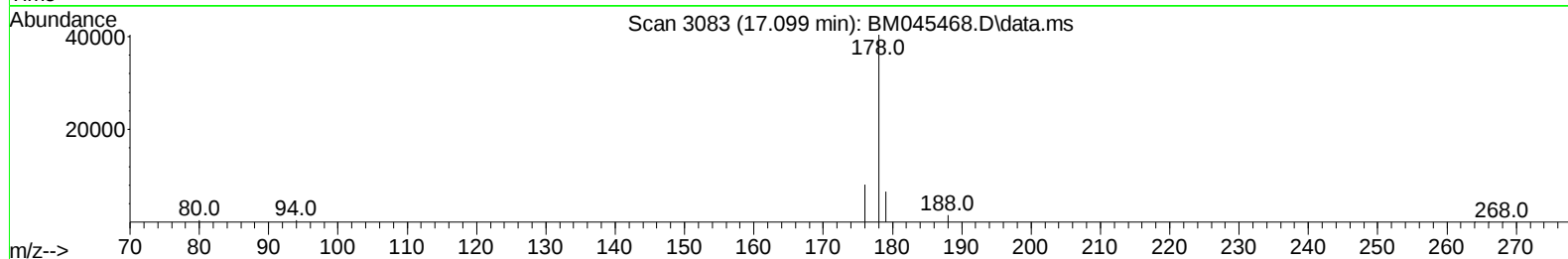
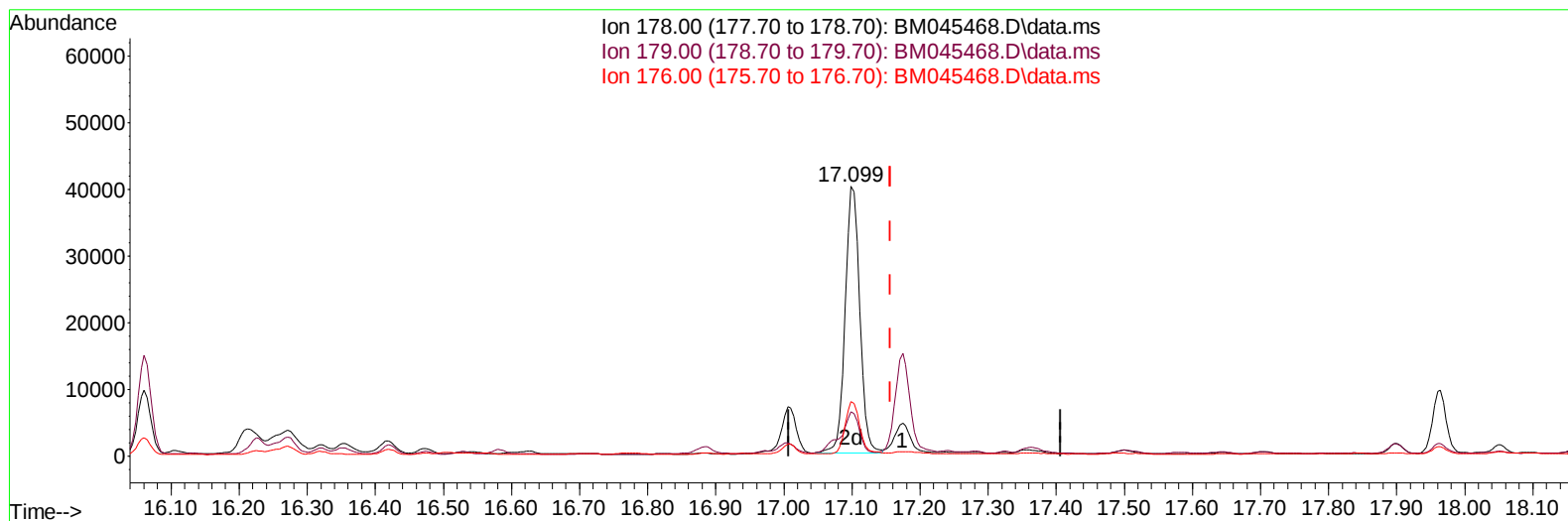
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045468.D
Acq On : 21 Apr 2024 18:46
Operator : MA/JU
Sample : P2181-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK9

Manual IntegrationsAPPROVED

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QLast Update : Mon Apr 22 02:01:19 2024
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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/24/2024



TIC: BM045468.D\data.ms

(16) Anthracene

17.099min (-0.058) 5.89 ng/u1 m

response 58936

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	16.31#
176.00	23.40	20.18
0.00	0.00	0.00

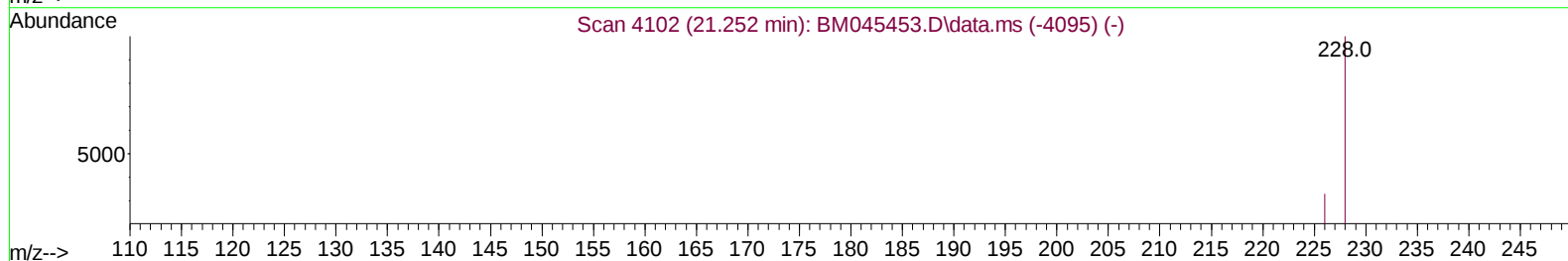
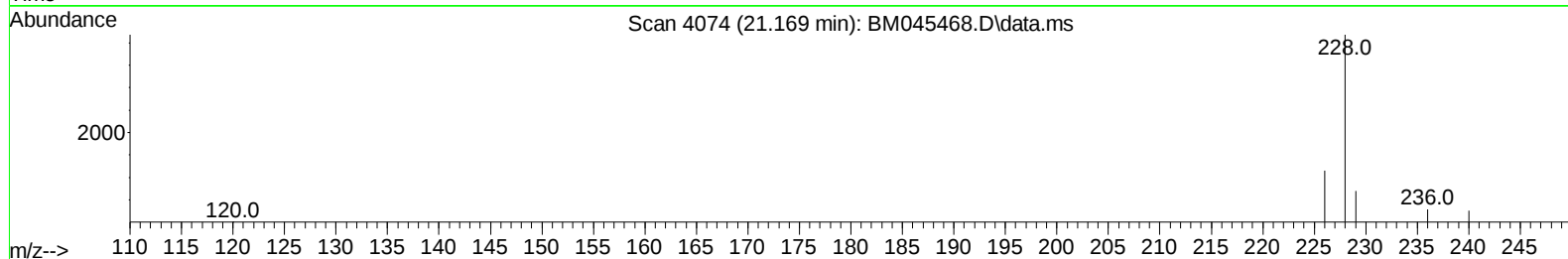
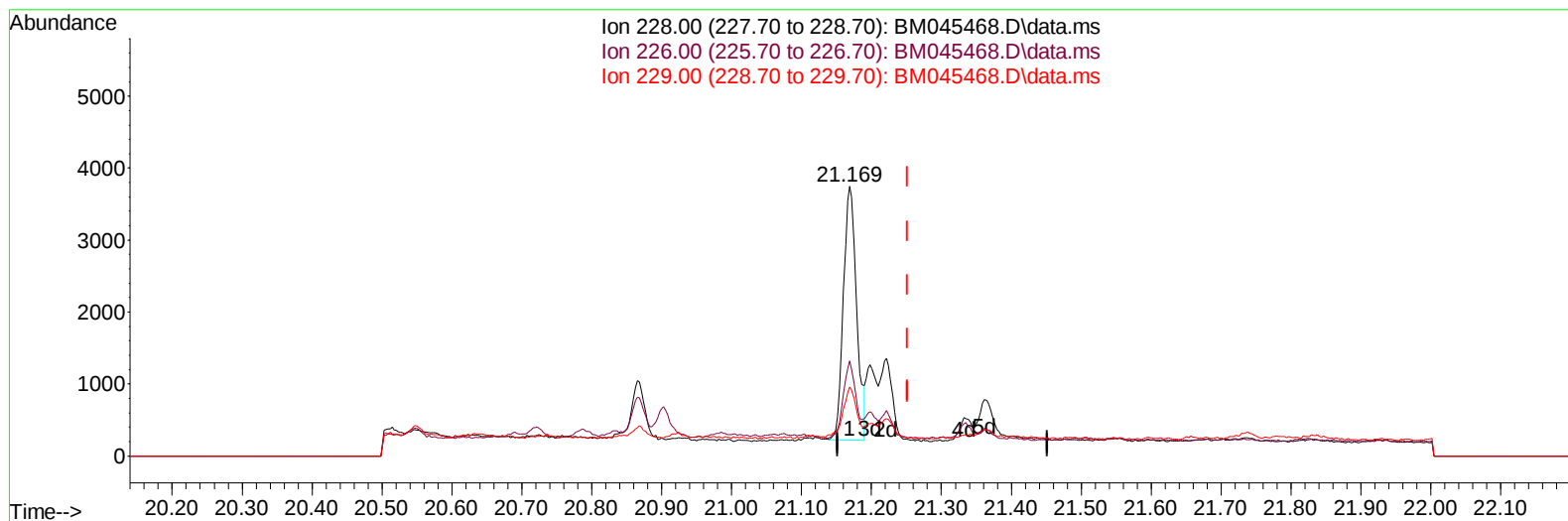
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Data File : BM045468.D
Acq On : 21 Apr 2024 18:46
Operator : MA/JU
Sample : P2181-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK9

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TIC: BM045468.D\data.ms

(22) Chrysene

21.169min (-0.083) 0.27 ng/u1

response 4584

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	35.27
229.00	22.30	25.55
0.00	0.00	0.00

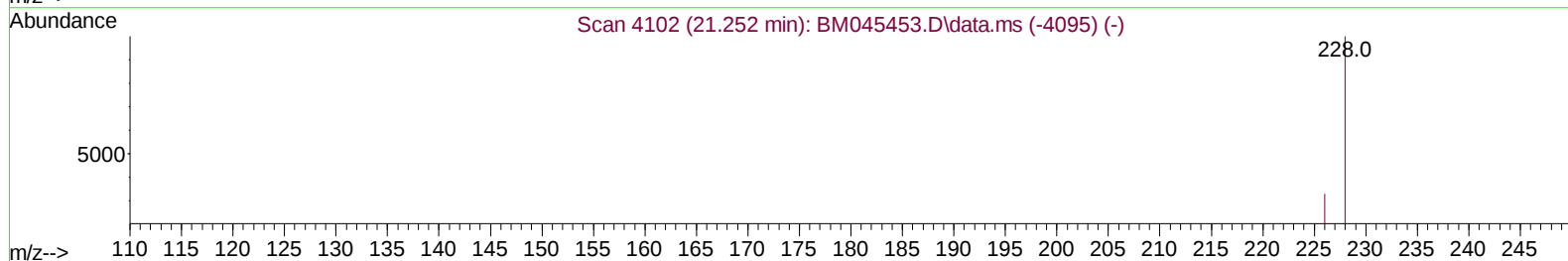
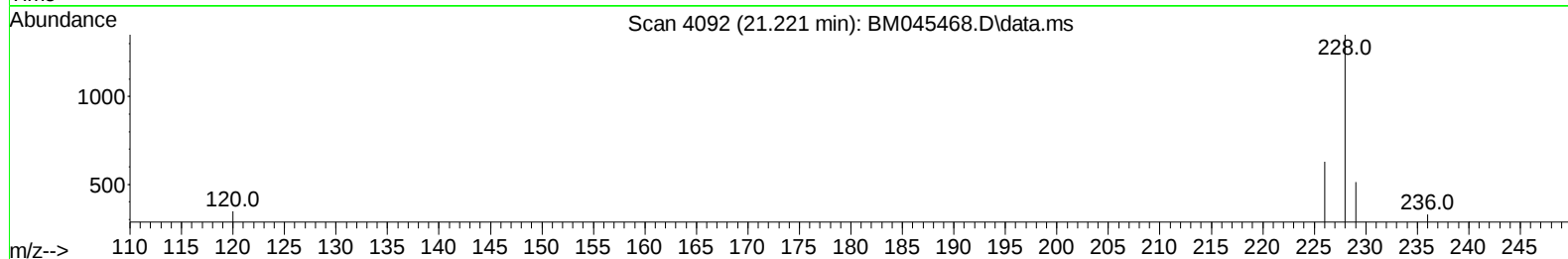
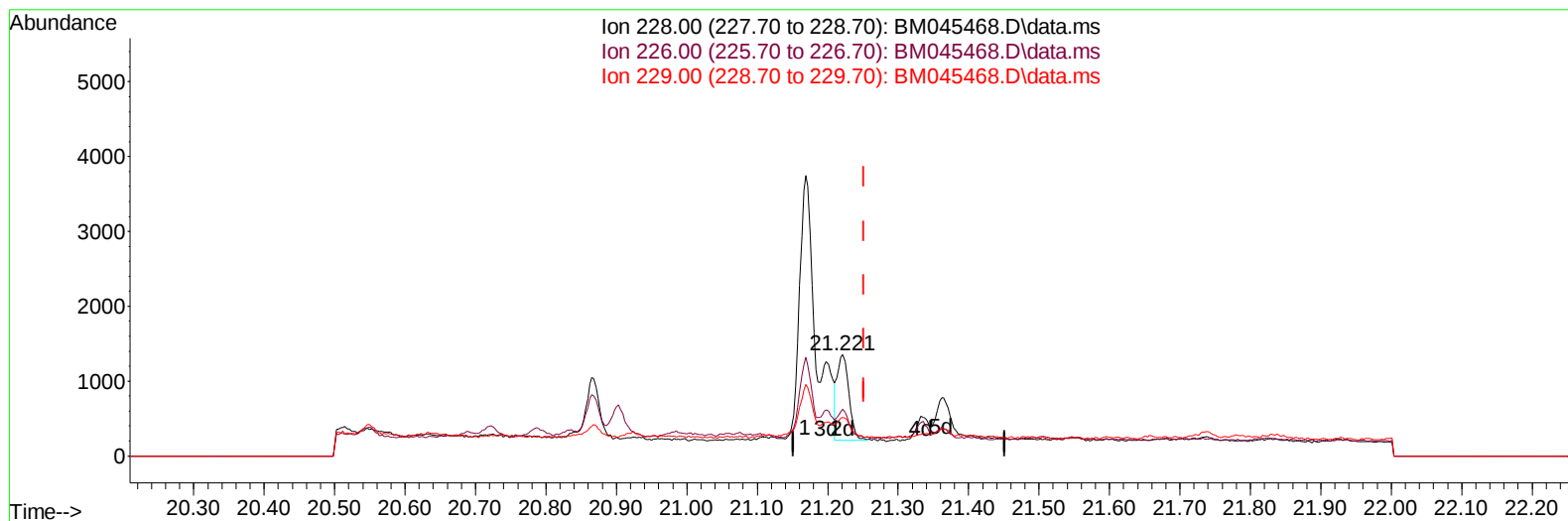
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Data File : BM045468.D
Acq On : 21 Apr 2024 18:46
Operator : MA/JU
Sample : P2181-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AK9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024
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Quant Time: Apr 22 02:05:12 2024
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TIC: BM045468.D\data.ms

(22) Chrysene

21.221min (-0.030) 0.08 ng/u1 m

response 1315

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	46.45#
229.00	22.30	37.94#
0.00	0.00	0.00

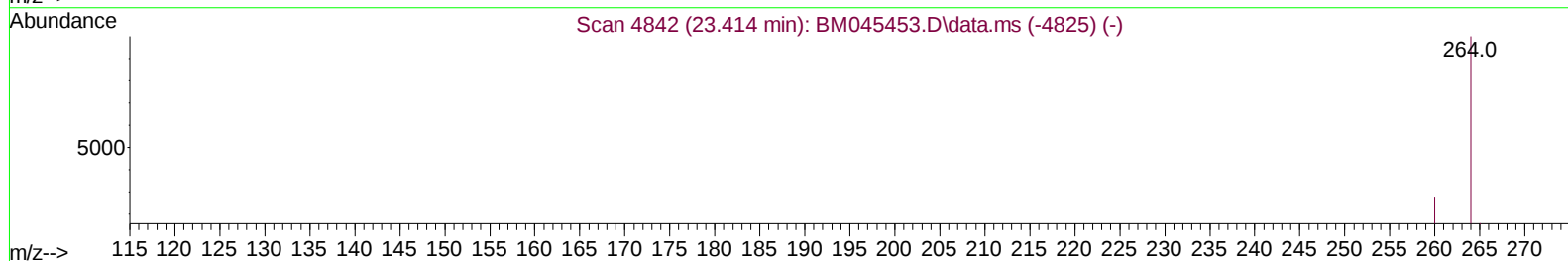
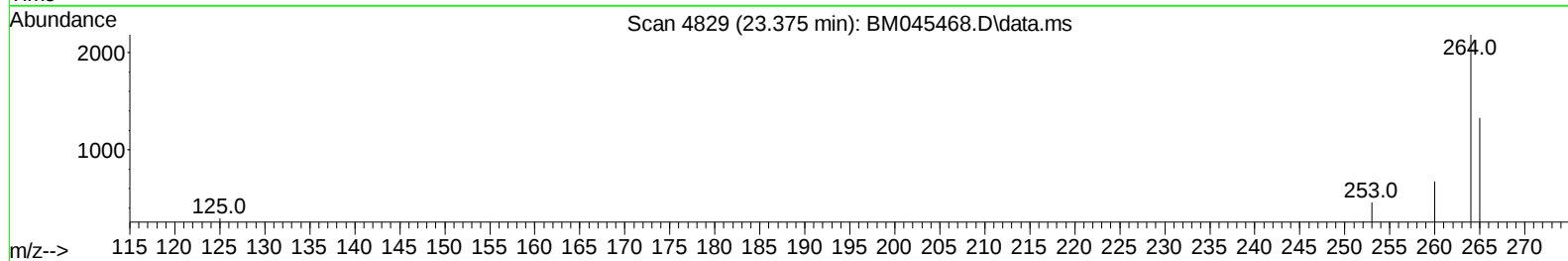
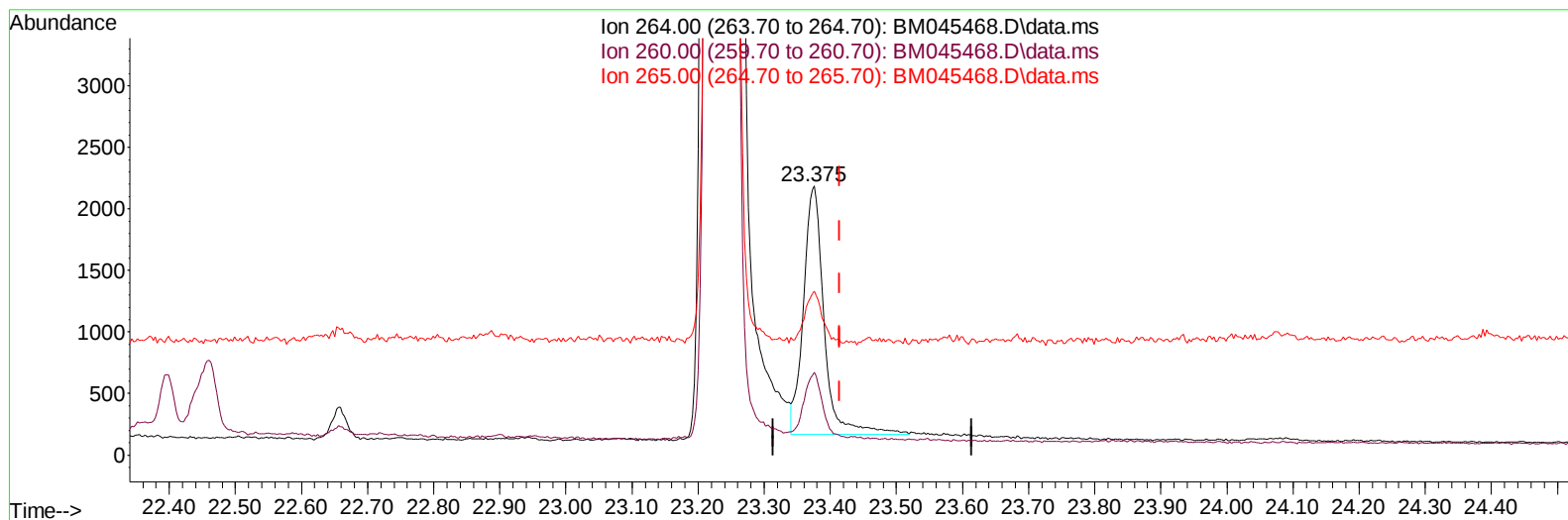
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TIC: BM045468.D\data.ms

(23) Perylene-d12 (I)

23.375min (-0.039) 0.40 ng/u1

response 4329

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.71
265.00	86.70	60.87#
0.00	0.00	0.00

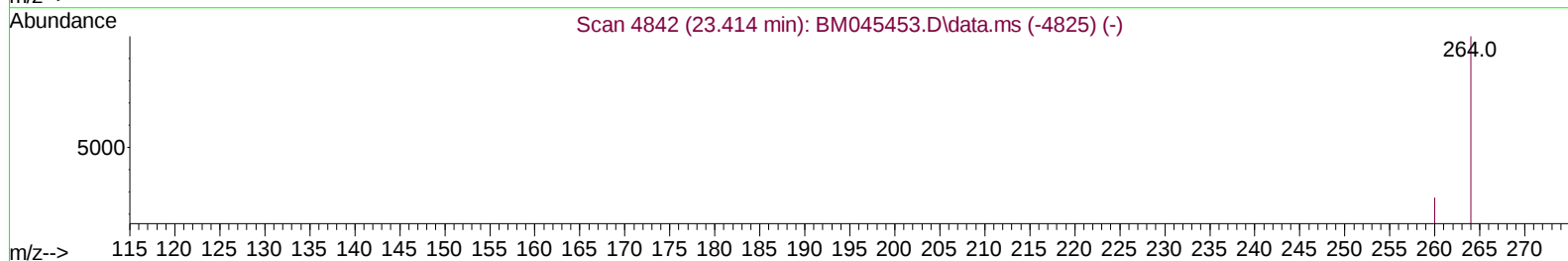
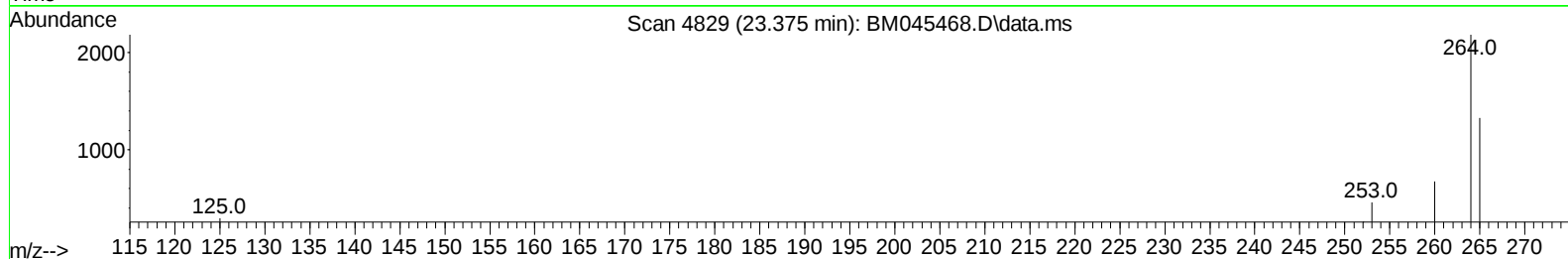
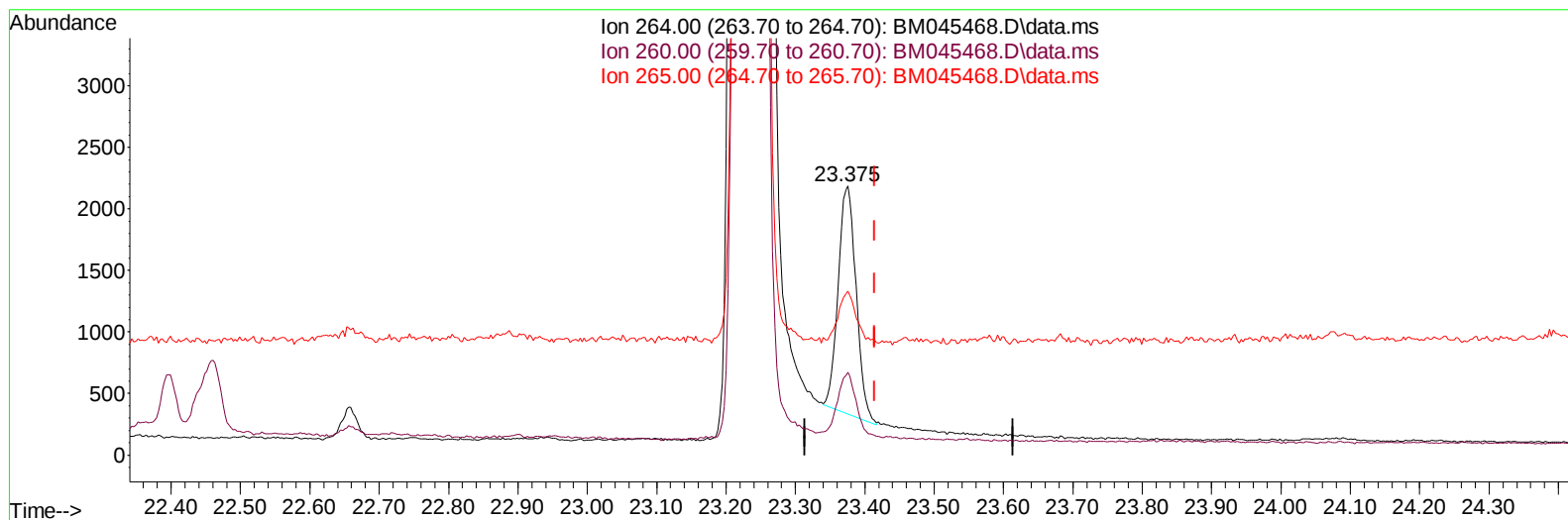
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TIC: BM045468.D\data.ms

(23) Perylene-d12 (I)

23.375min (-0.039) 0.40 ng/ul m

response 3311

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.71
265.00	86.70	60.87#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152		888	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.319	136		2602	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.201	164		1982	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.968	188		3671m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.183	240		3418	0.400	ng/ul	-0.03
23) Perylene-d12	23.375	264		3311m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.167	96		5249	4.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152		1884	0.549	ng/ul	-0.06
18) Fluoranthene-d10	19.011	212		4854	0.451	ng/ul	-0.03
Target Compounds							
						Qvalue	
5) Naphthalene	10.369	128		179759	25.726	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142		4704	1.179	ng/ul	99
8) 1-Methylnaphthalene	12.217	142		11191	2.501	ng/ul	98
10) Acenaphthylene	13.924	152		13122	1.342	ng/ul#	93
11) Acenaphthene	14.275	153		1565632	215.688	ng/ul	96
12) Fluorene	15.265	166		347975	44.818	ng/ul#	96
15) Phenanthrene	17.006	178		11225m	1.050	ng/ul	
16) Anthracene	17.099	178		58936m	5.892	ng/ul	
19) Fluoranthene	19.039	202		189859	12.037	ng/ul#	90
20) Pyrene	19.406	202		99982	6.167	ng/ul#	92
21) Benzo(a)anthracene	21.169	228		4567	0.418	ng/ul	97
22) Chrysene	21.221	228		1315m	0.078	ng/ul	

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

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