

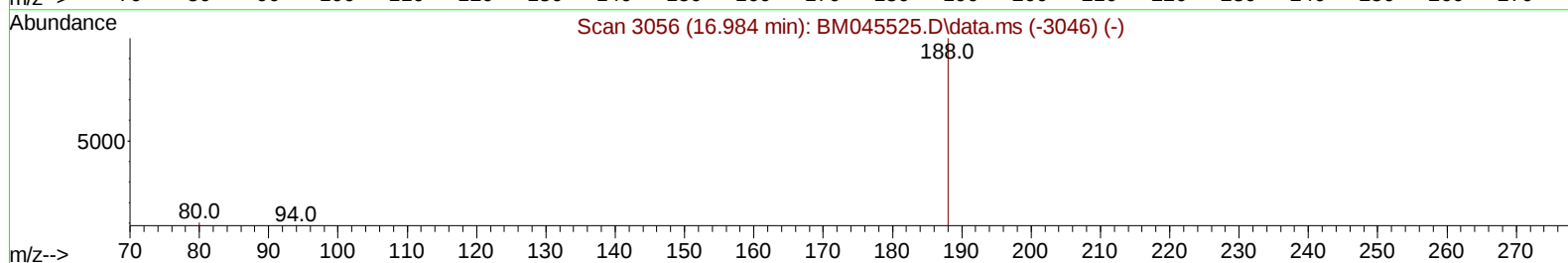
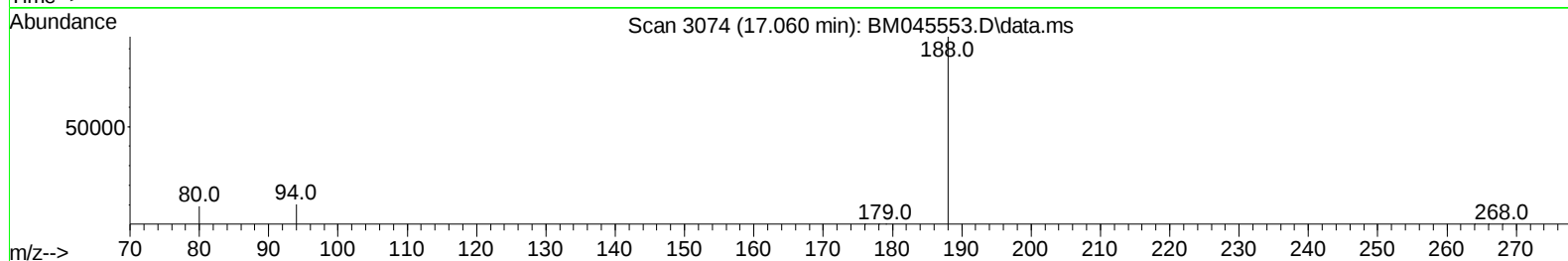
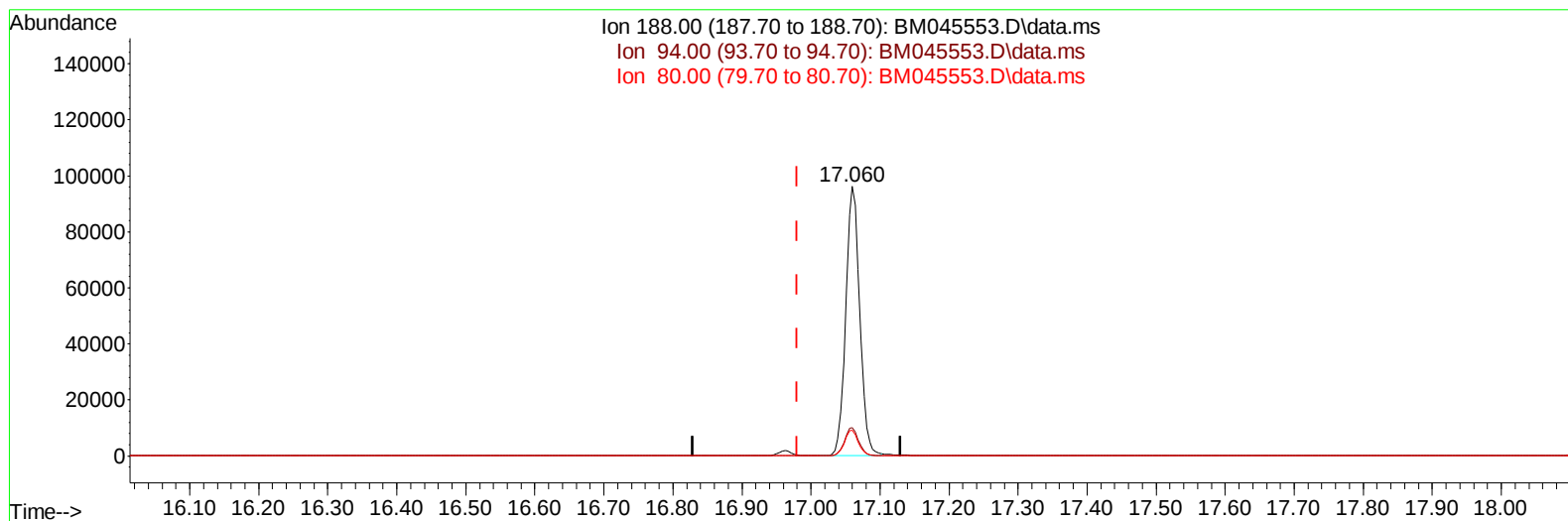
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
Acq On : 25 Apr 2024 07:44
Operator : MA/JU
Sample : P2104-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual IntegrationsAPPROVED

Quant Time: Apr 25 08:14:40 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: BM045553.D\data.ms

(13) Phenanthrene-d10 (I)

17.060min (+ 0.080) 0.40 ng/u1

response 136185

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.55#
80.00	14.80	9.49#
0.00	0.00	0.00

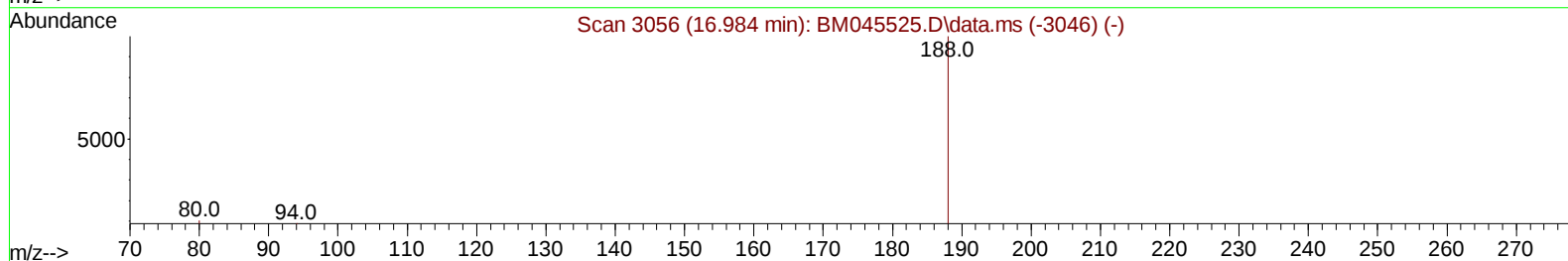
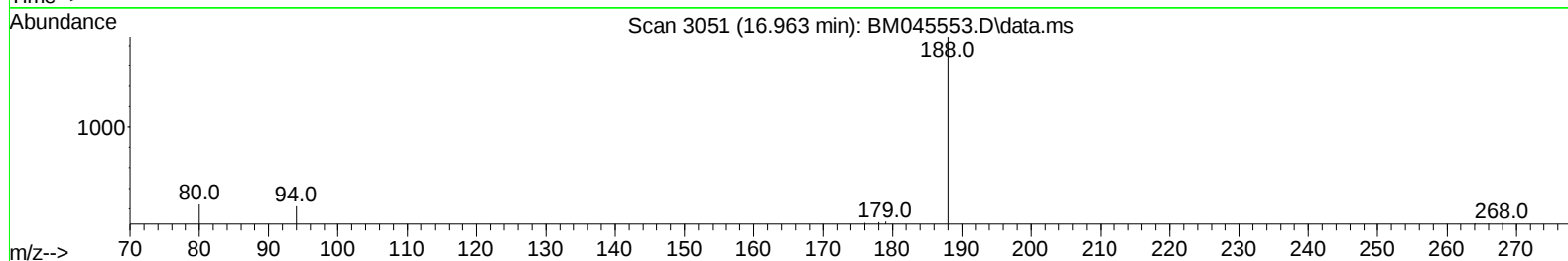
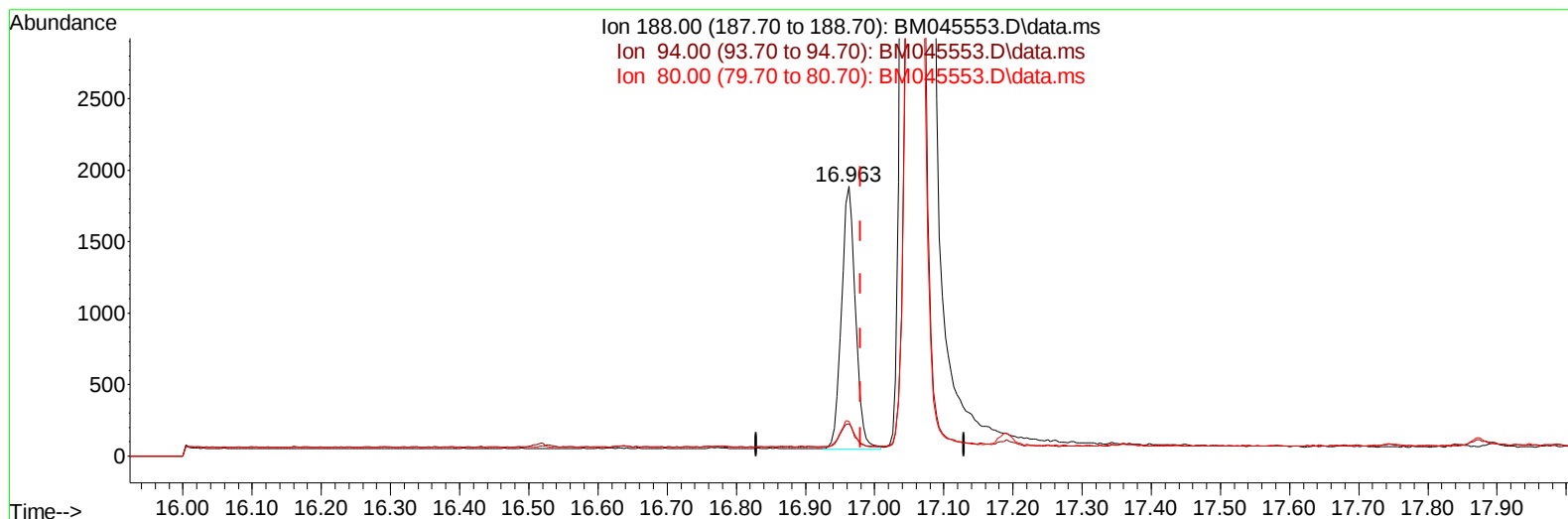
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
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TIC: BM045553.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.017) 0.40 ng/u1 m

response 2588

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.82#
80.00	14.80	12.88
0.00	0.00	0.00

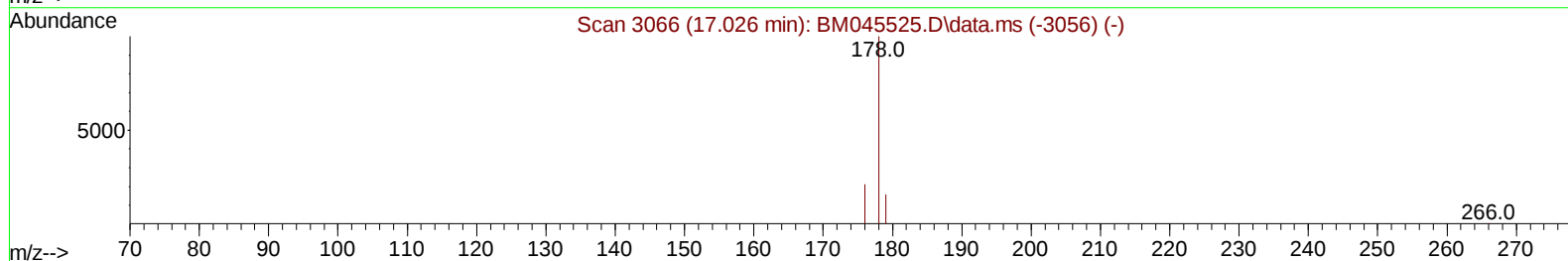
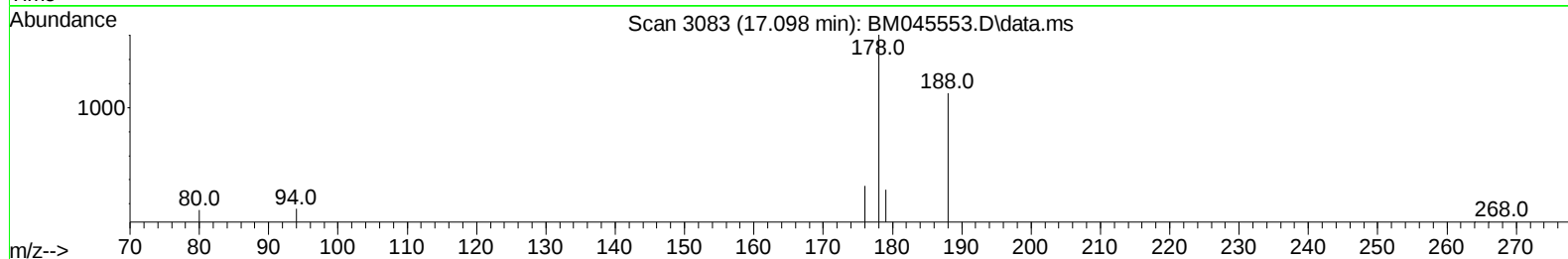
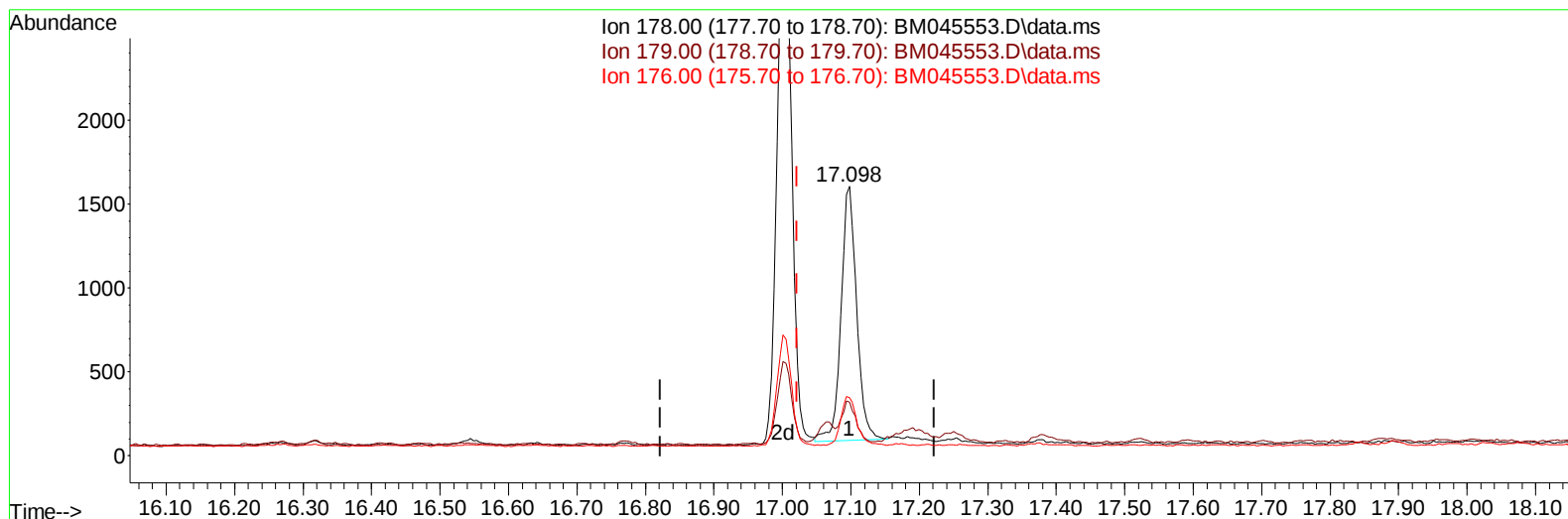
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045553.D\data.ms

(15) Phenanthrene

17.098min (+ 0.076) 0.32 ng/u1

response 2410

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	19.94
176.00	23.70	21.68
0.00	0.00	0.00

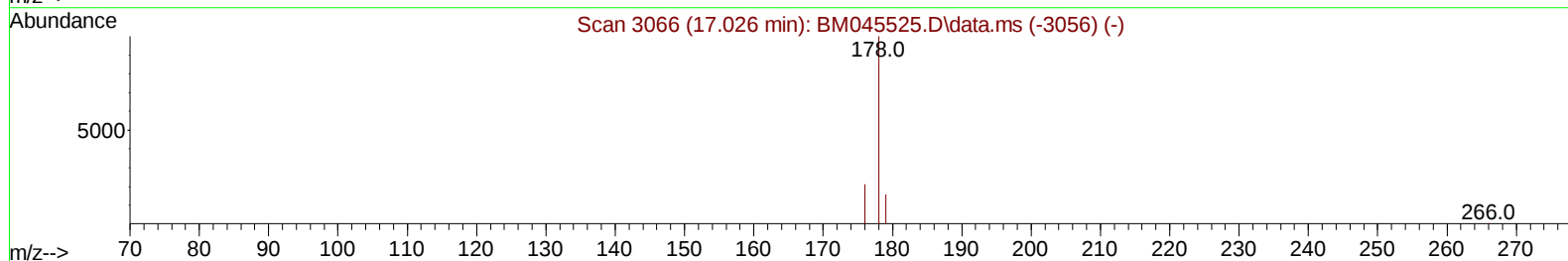
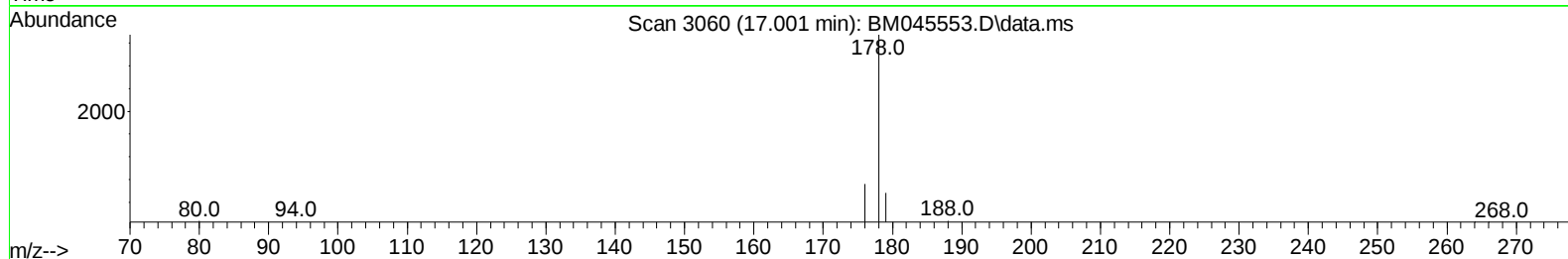
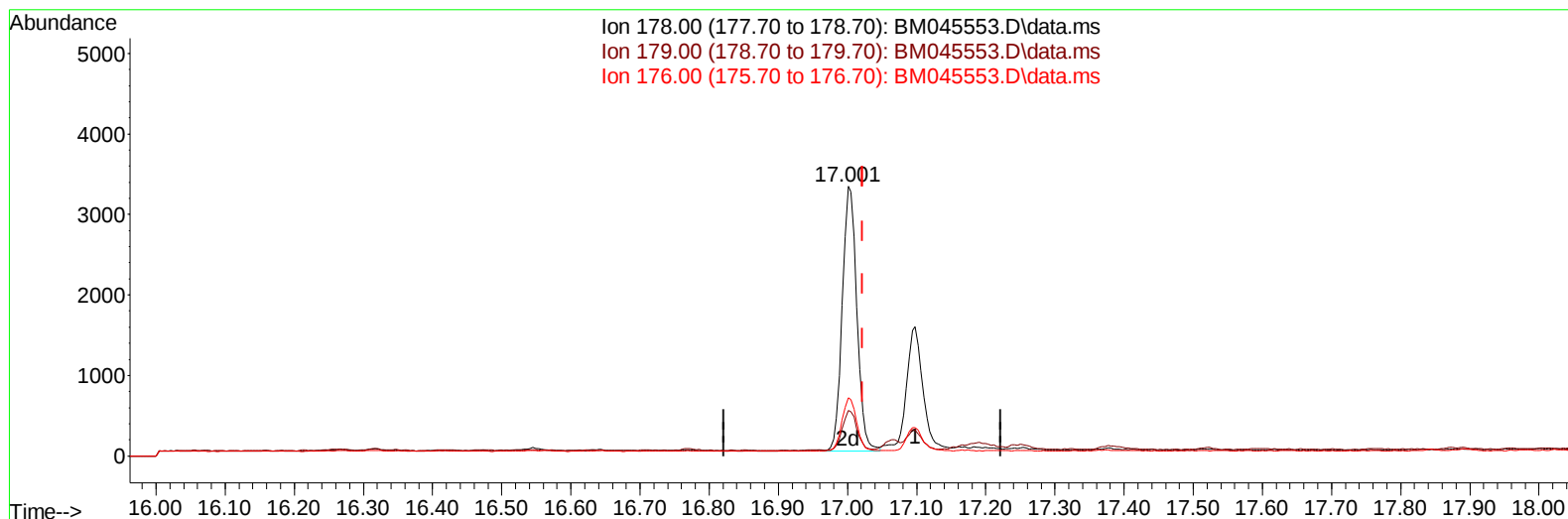
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 ClientSampleId :
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TIC: BM045553.D\data.ms

(15) Phenanthrene

17.001min (-0.021) 0.64 ng/ul m

response 4807

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.76
176.00	23.70	21.57
0.00	0.00	0.00

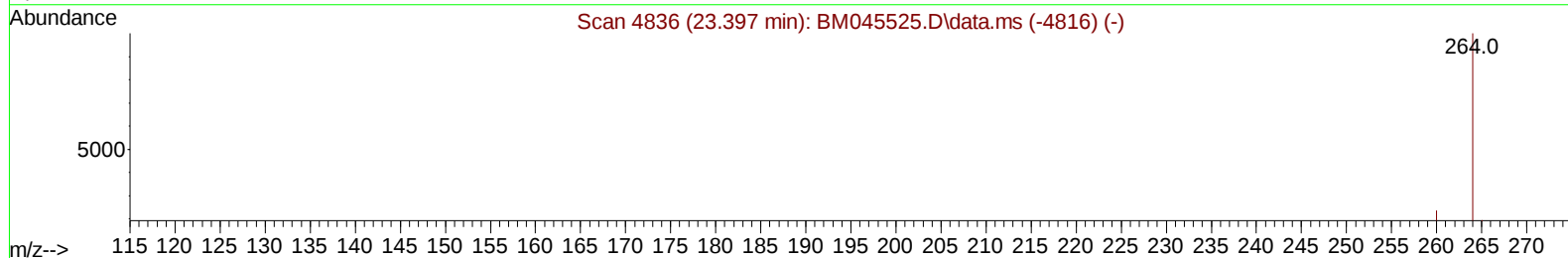
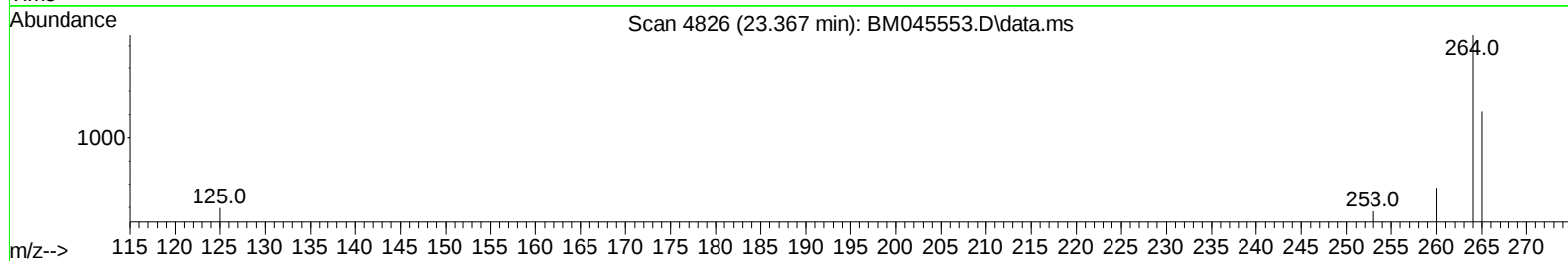
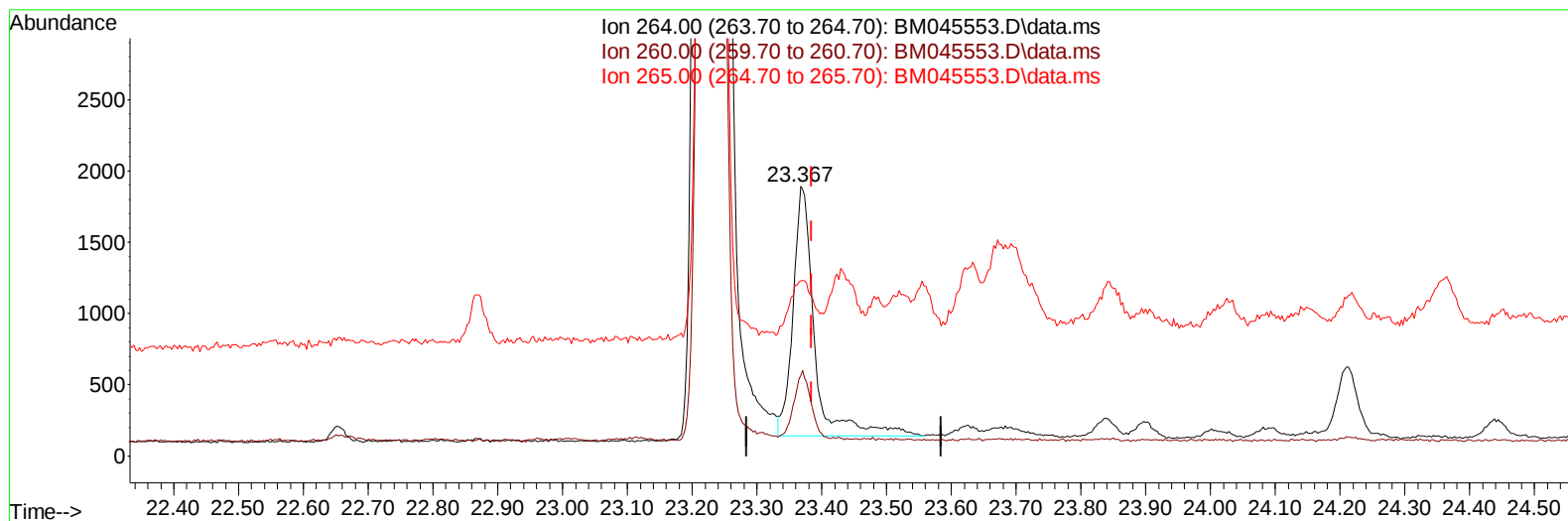
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 Sample : P2104-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

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TIC: BM045553.D\data.ms

(23) Perylene-d12 (I)

23.367min (-0.017) 0.40 ng/u1

response 4035

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	29.88
265.00	86.70	64.94#
0.00	0.00	0.00

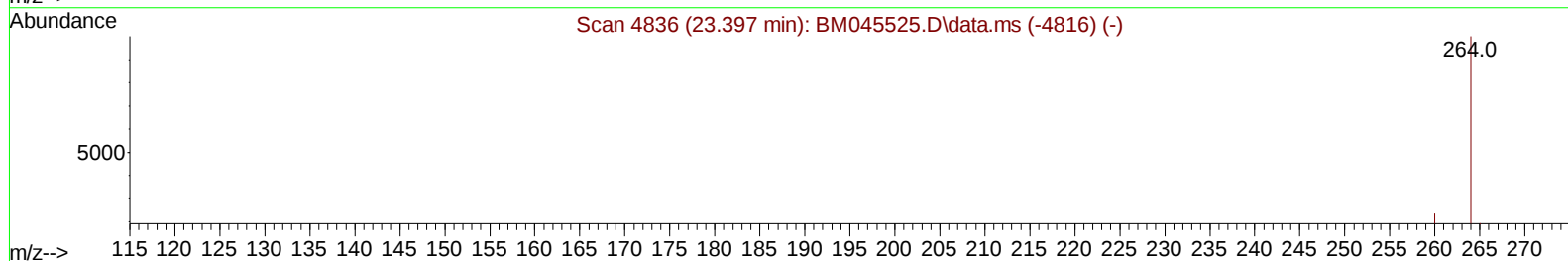
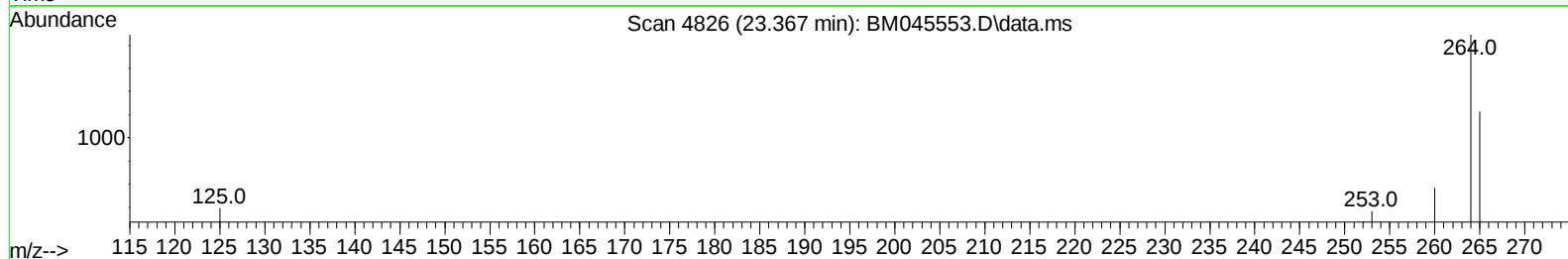
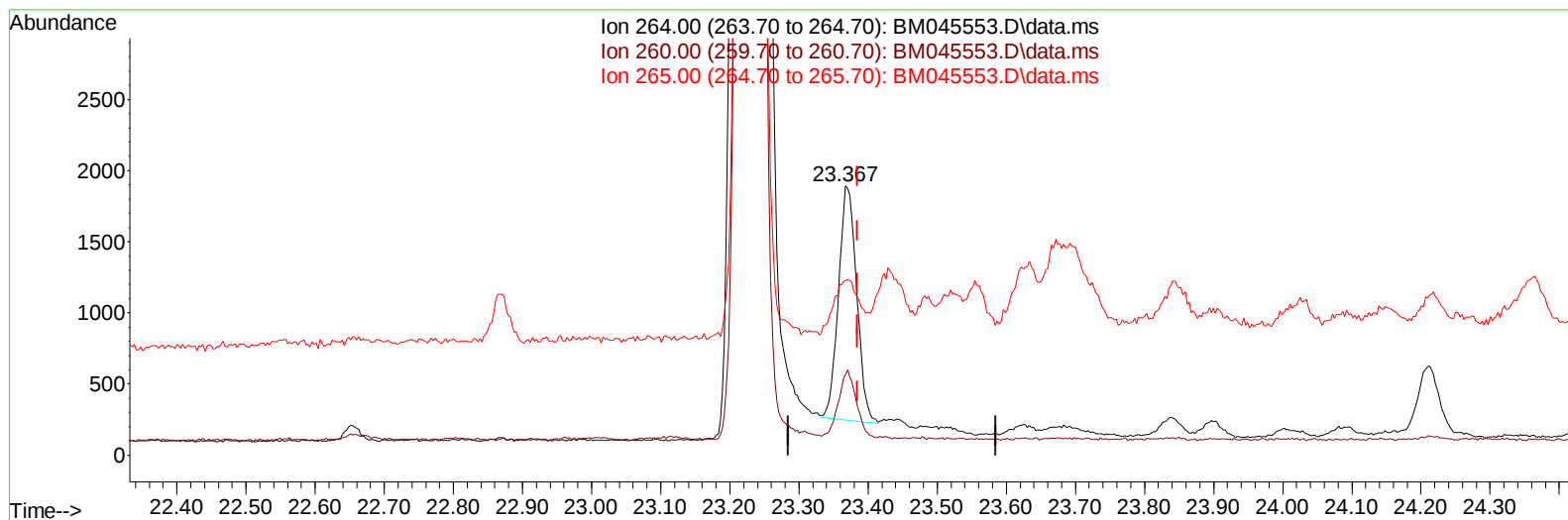
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
Acq On : 25 Apr 2024 07:44
Operator : MA/JU
Sample : P2104-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual IntegrationsAPPROVED

Quant Time: Apr 25 08:14:40 2024
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QLast Update : Wed Apr 24 05:17:39 2024
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TIC: BM045553.D\data.ms

(23) Perylene-d12 (I)

23.367min (-0.017) 0.40 ng/ul m

response 3015

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	29.88
265.00	86.70	64.94#
0.00	0.00	0.00

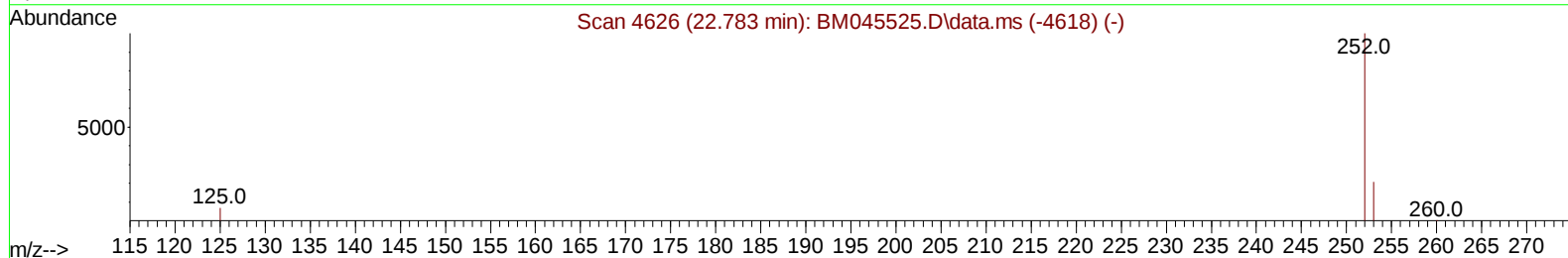
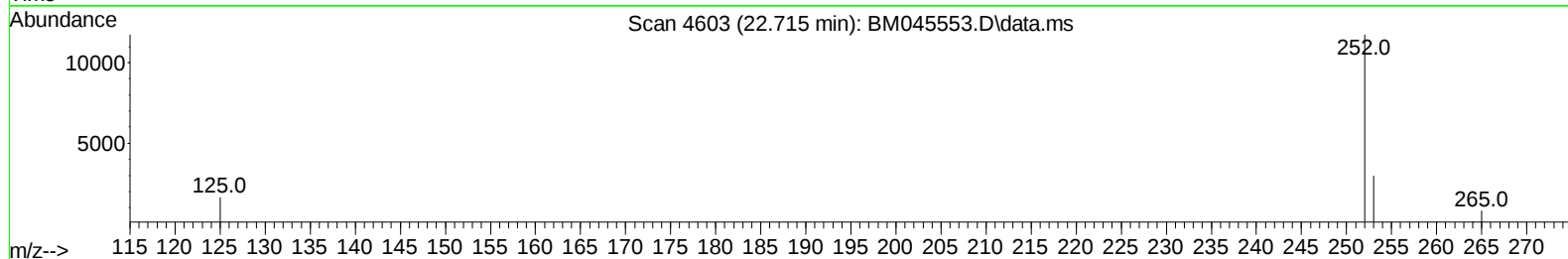
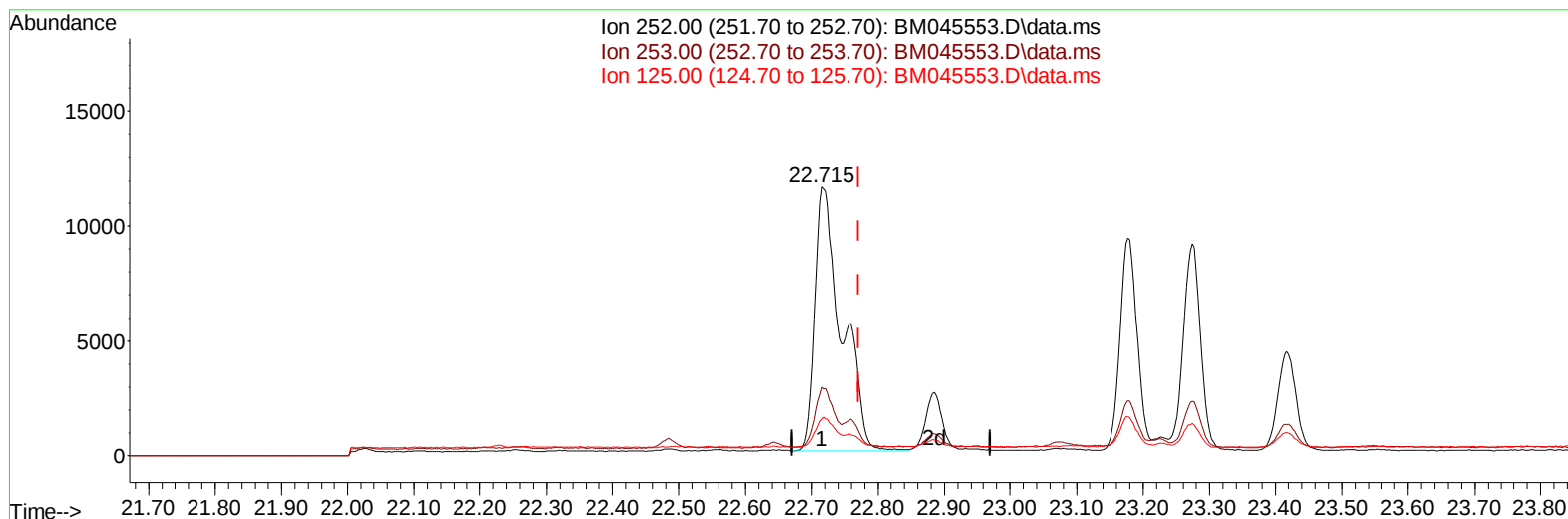
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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TIC: BM045553.D\data.ms

(25) Benzo(k)fluoranthene

22.715min (-0.055) 2.52 ng/u1

response 32234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.52
125.00	18.50	13.88#
0.00	0.00	0.00

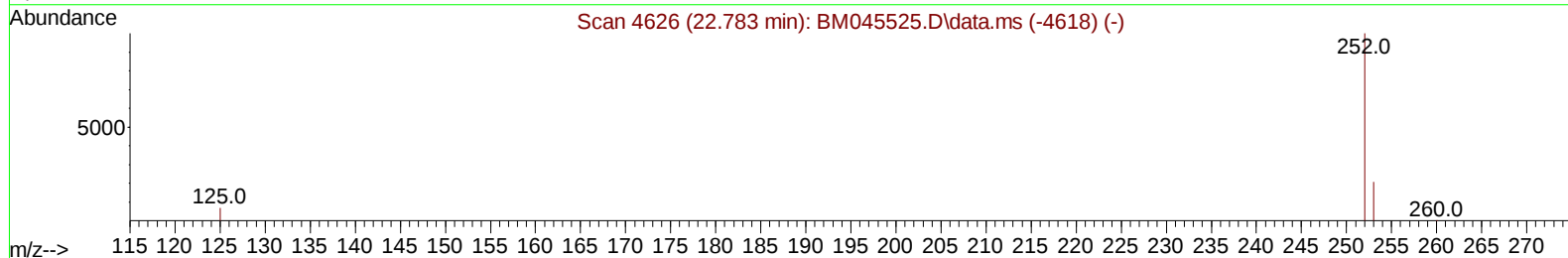
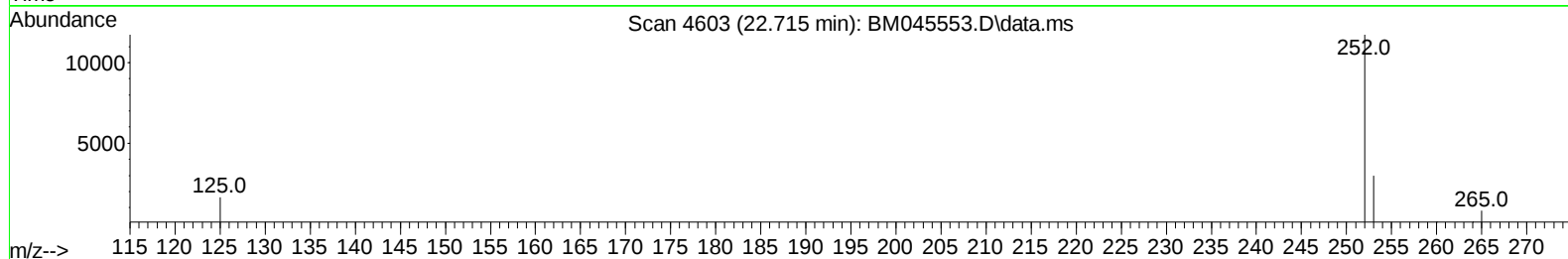
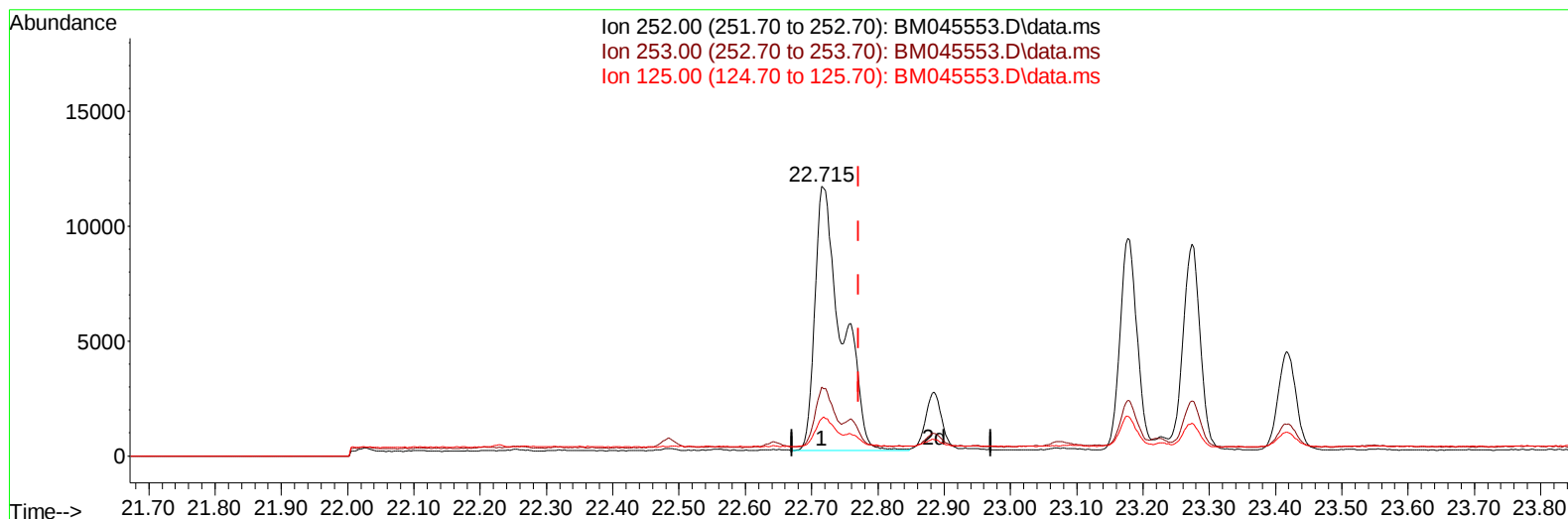
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045553.D
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Operator : MA/JU
Sample : P2104-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC9

Manual IntegrationsAPPROVED

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TIC: BM045553.D\data.ms

(25) Benzo(k)fluoranthene

22.715min (-0.055) 2.52 ng/u1

response 32234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.52
125.00	18.50	13.88#
0.00	0.00	0.00

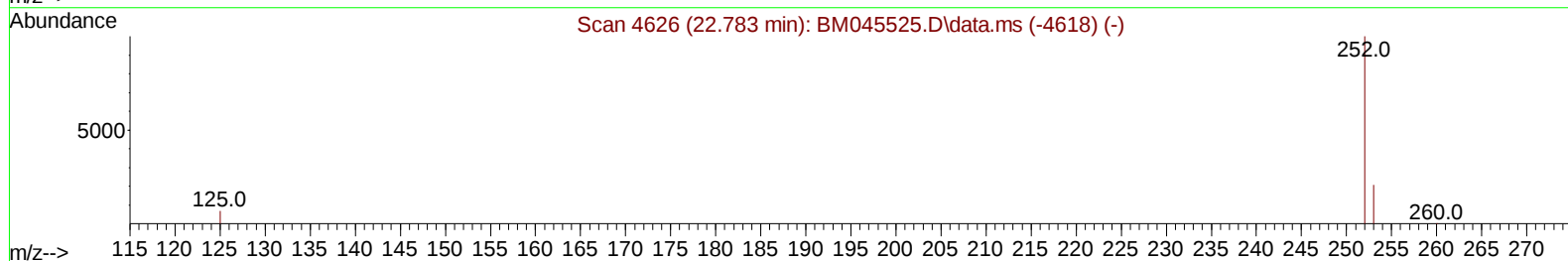
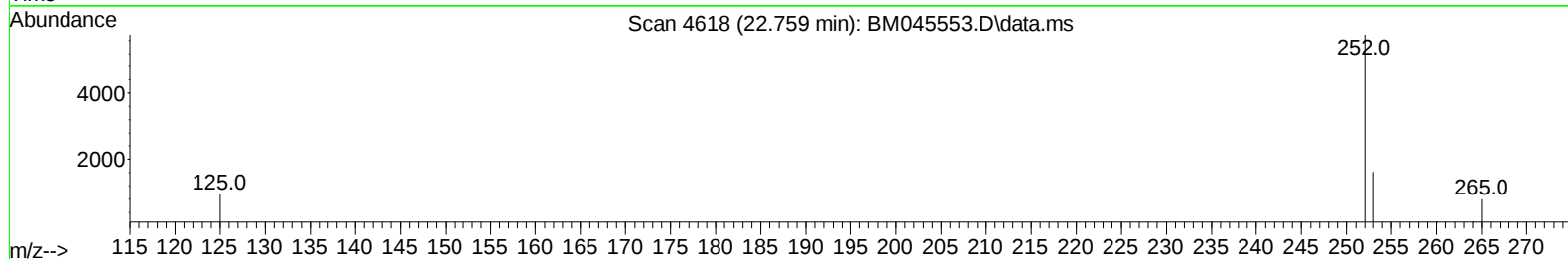
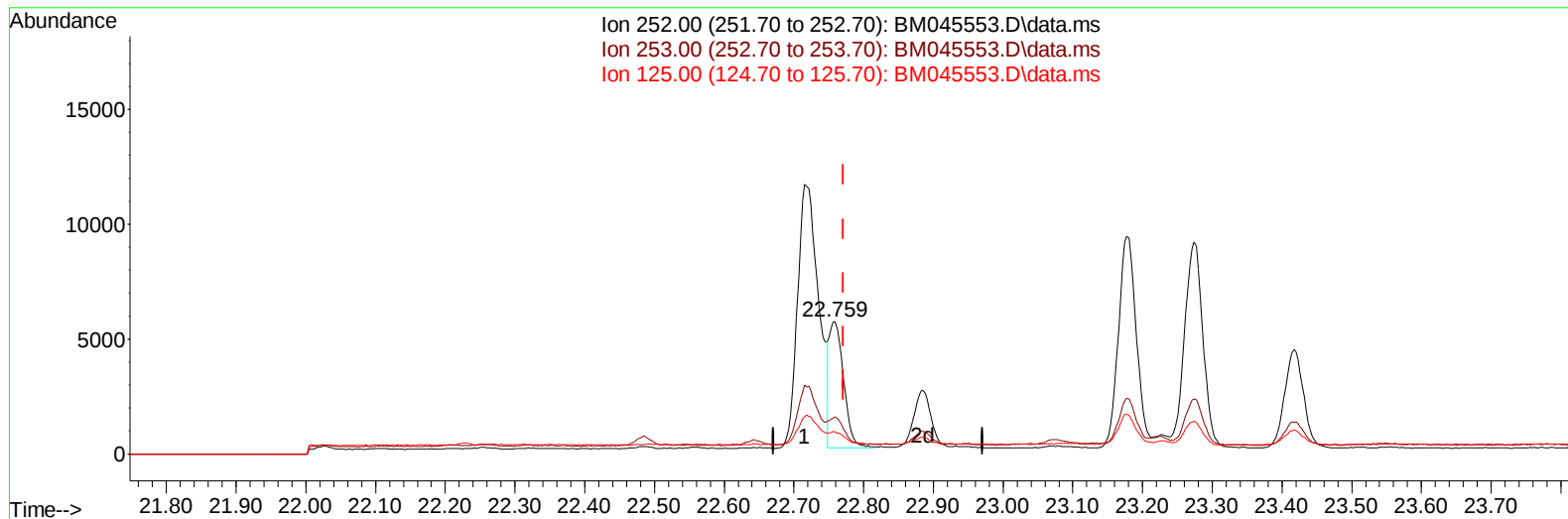
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Misc :
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Instrument :
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ClientSampleId :
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TIC: BM045553.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.012) 0.62 ng/u1 m

response 7914

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.09
125.00	18.50	16.58
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045553.D
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 Sample : P2104-17
 Misc :
 ALS Vial : 32 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	7.547	152		929	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136		2458	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164		1272	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188		2588m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240		2287	0.400	ng/ul	0.00
23) Perylene-d12	23.367	264		3015m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4285	3.441	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152		779	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.006	212		1575	0.219	ng/ul	-0.01
Target Compounds							
							Qvalue
5) Naphthalene	10.358	128		1121	0.170	ng/ul	99
7) 2-Methylnaphthalene	11.997	142		491	0.130	ng/ul	95
8) 1-Methylnaphthalene	12.217	142		339	0.080	ng/ul	99
10) Acenaphthylene	13.918	152		2835	0.452	ng/ul	98
11) Acenaphthene	14.265	153		273	0.059	ng/ul	92
12) Fluorene	15.264	166		433	0.087	ng/ul#	90
15) Phenanthrene	17.001	178		4807m	0.638	ng/ul	
16) Anthracene	17.098	178		2331	0.331	ng/ul	96
19) Fluoranthene	19.038	202		8955	0.848	ng/ul#	90
20) Pyrene	19.401	202		7628	0.703	ng/ul	94
21) Benzo(a)anthracene	21.167	228		5878	0.804	ng/ul	97
22) Chrysene	21.219	228		10321	0.918	ng/ul	99
24) Benzo(b)fluoranthene	22.715	252		24175	2.384	ng/ul	89
25) Benzo(k)fluoranthene	22.759	252		7914m	0.618	ng/ul	
26) Benzo(a)pyrene	23.274	252		16449	1.564	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.551	276		22536	1.474	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278		5799	0.478	ng/ul	97
29) Benzo(g,h,i)perylene	26.219	276		22845	1.663	ng/ul	93

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

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