

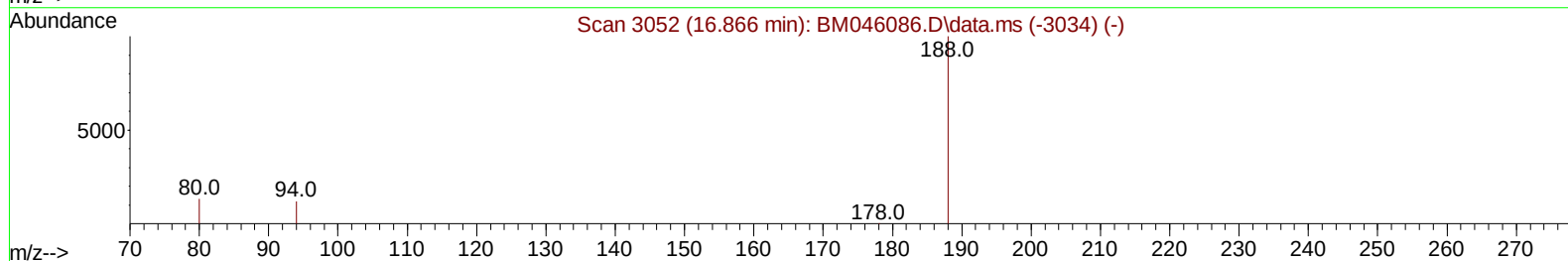
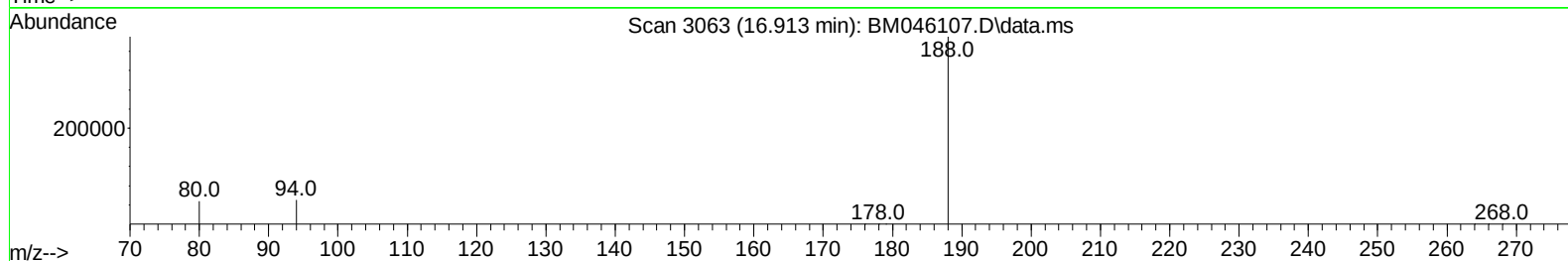
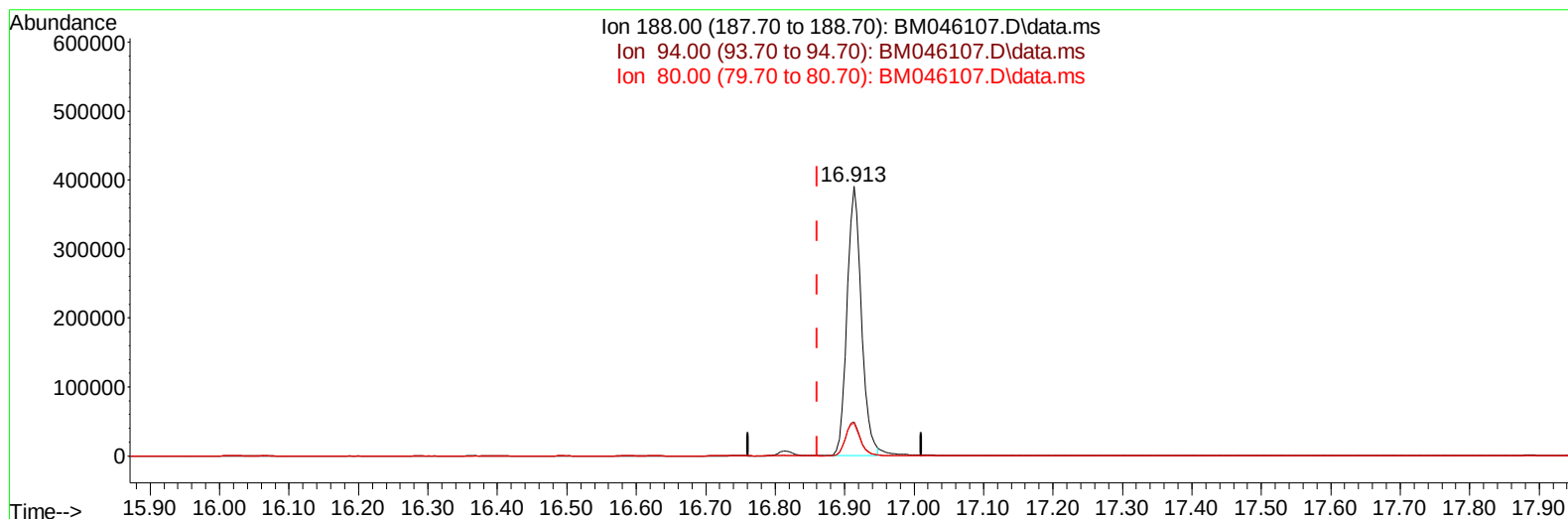
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

Quant Time: Jun 20 05:03:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046107.D\data.ms

(13) Phenanthrene-d10 (I)

16.913min (+ 0.052) 0.40 ng/u1

response 562057

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.75
80.00	15.20	12.23
0.00	0.00	0.00

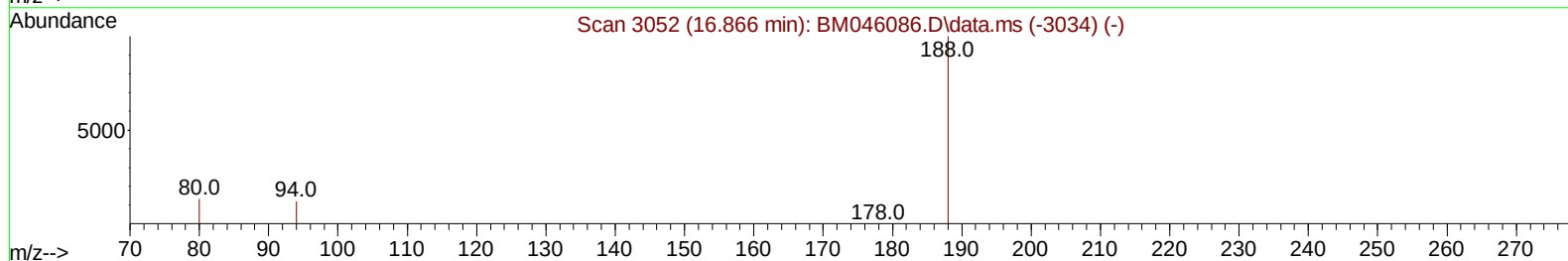
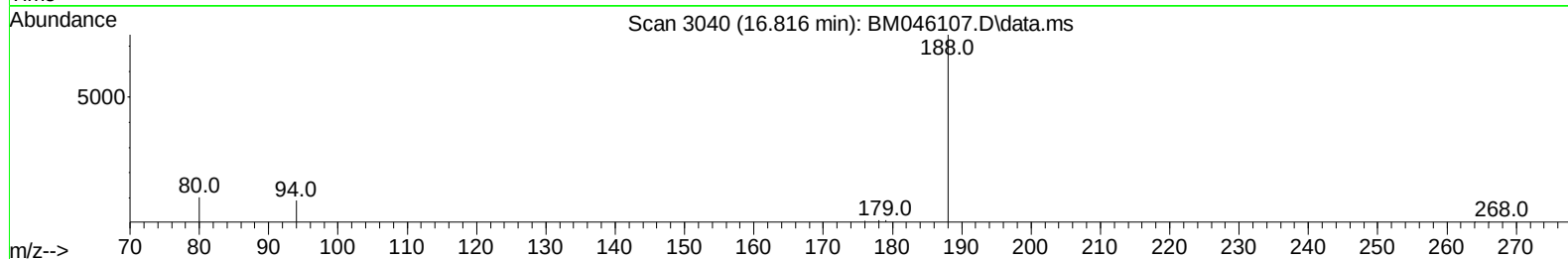
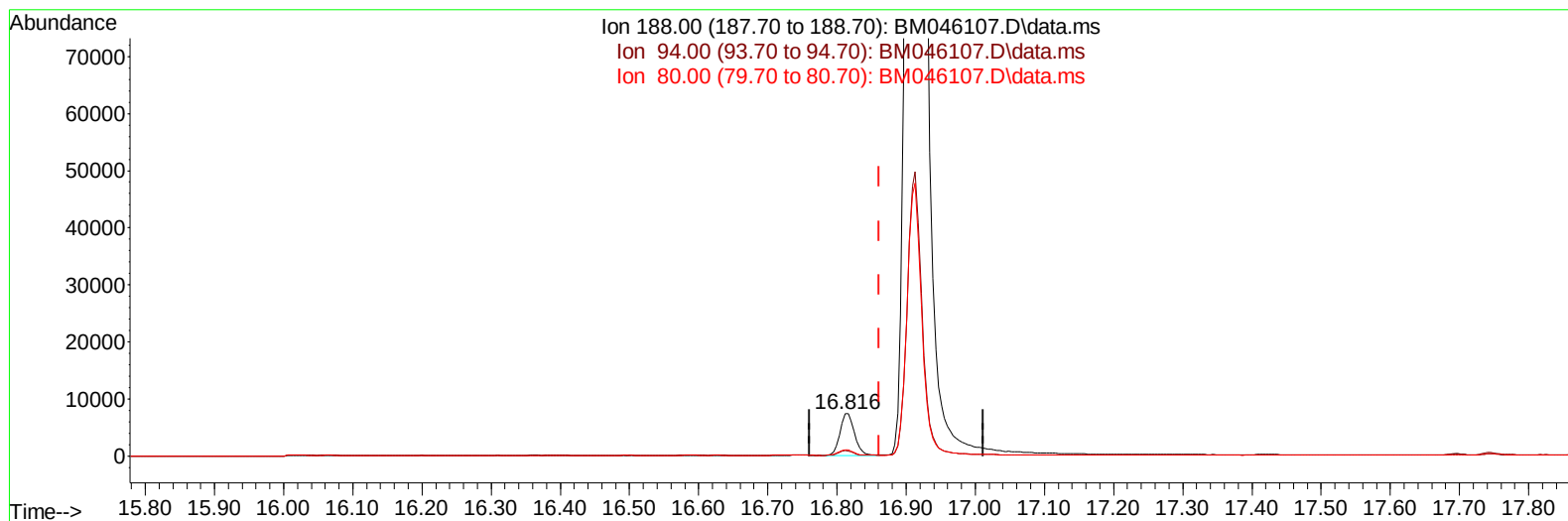
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/ul m

response 10813

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.04
80.00	15.20	13.71
0.00	0.00	0.00

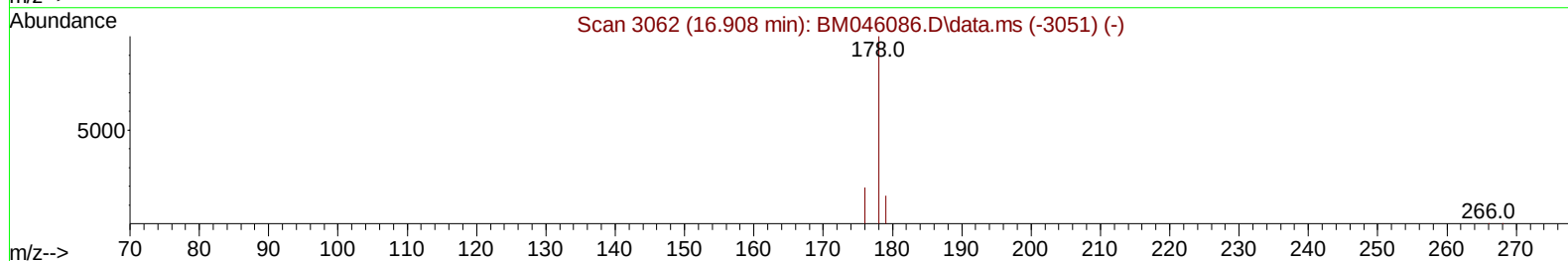
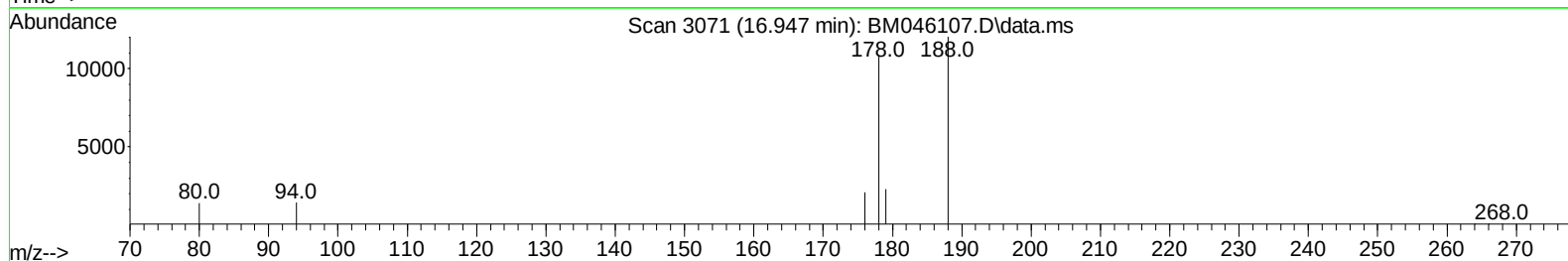
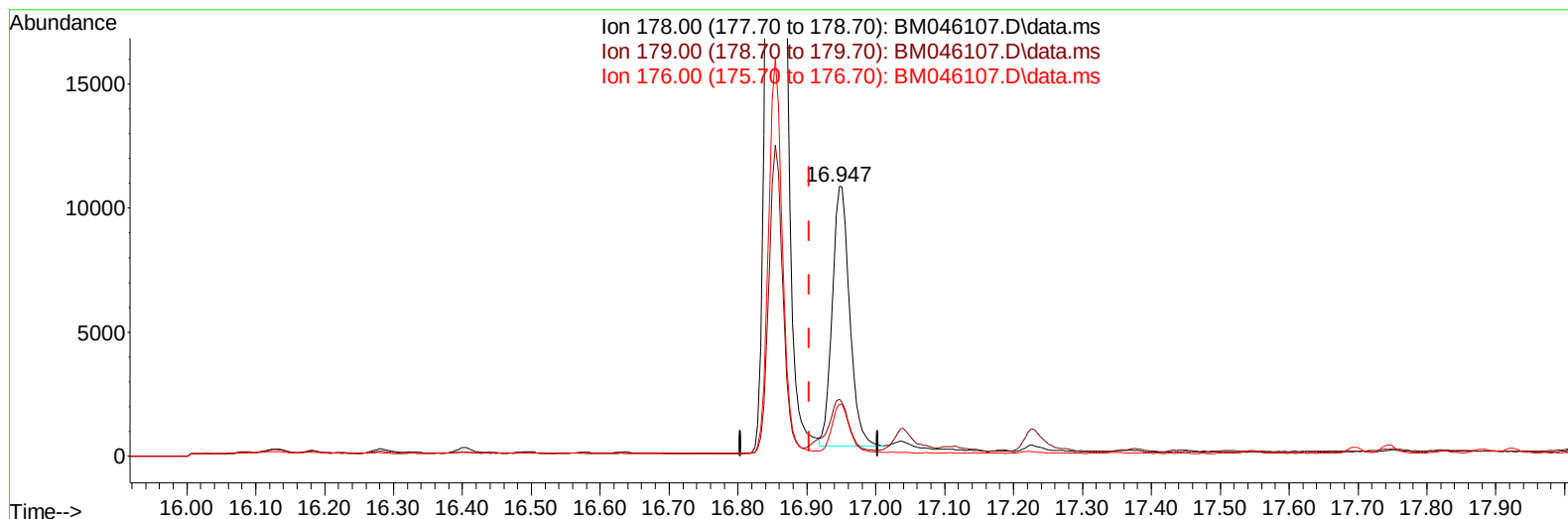
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(15) Phenanthrene

16.947min (+ 0.043) 0.60 ng/u1

response 18354

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.00
176.00	21.40	19.27
0.00	0.00	0.00

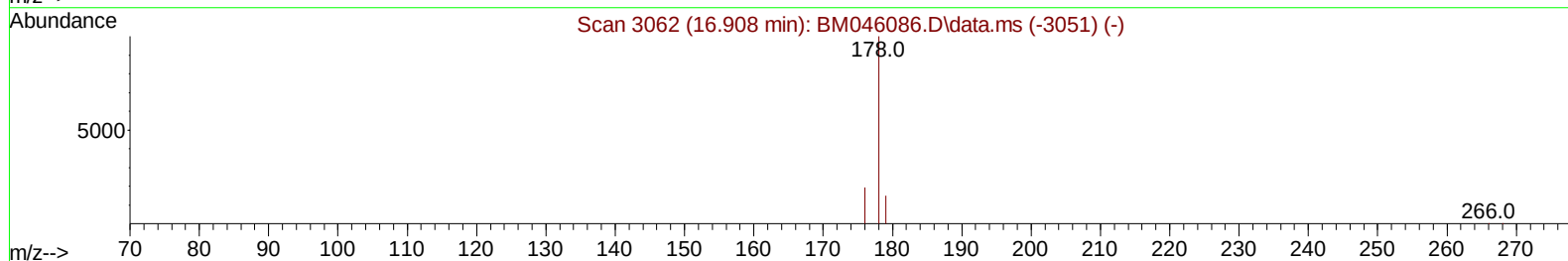
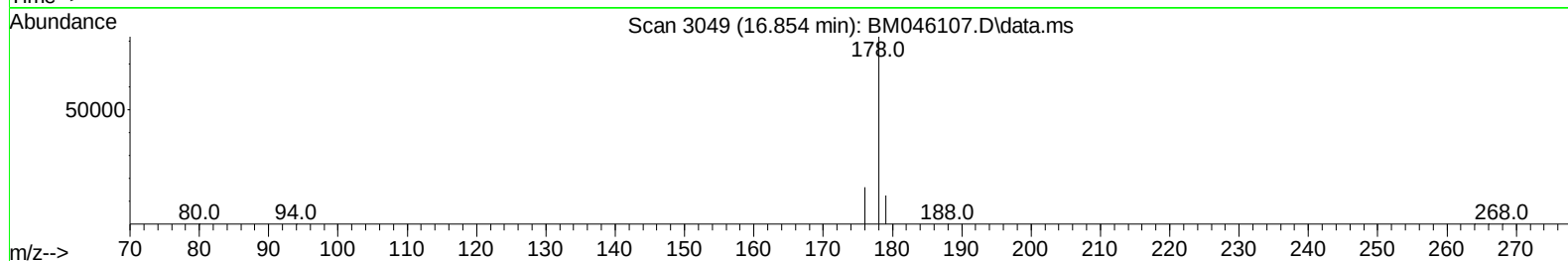
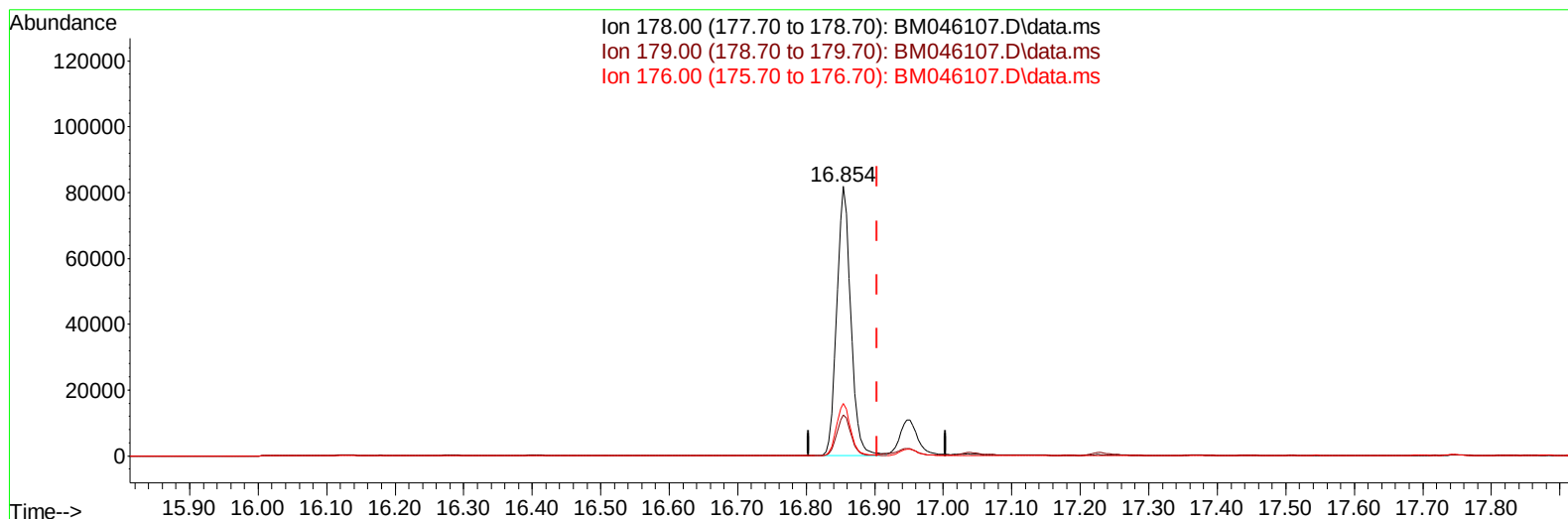
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046107.D
 Acq On : 20 Jun 2024 04:32
 Operator : MA/JU
 Sample : P2696-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(15) Phenanthrene

16.854min (-0.049) 3.82 ng/ul m

response 116082

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.34
176.00	21.40	19.58
0.00	0.00	0.00

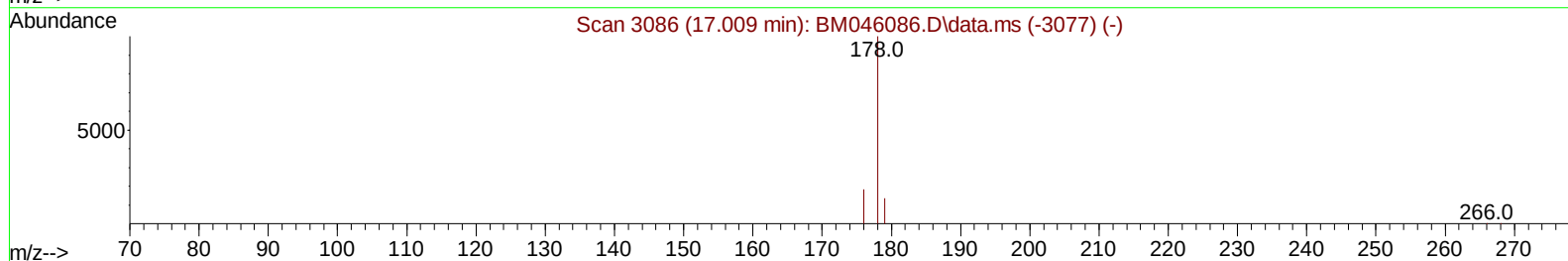
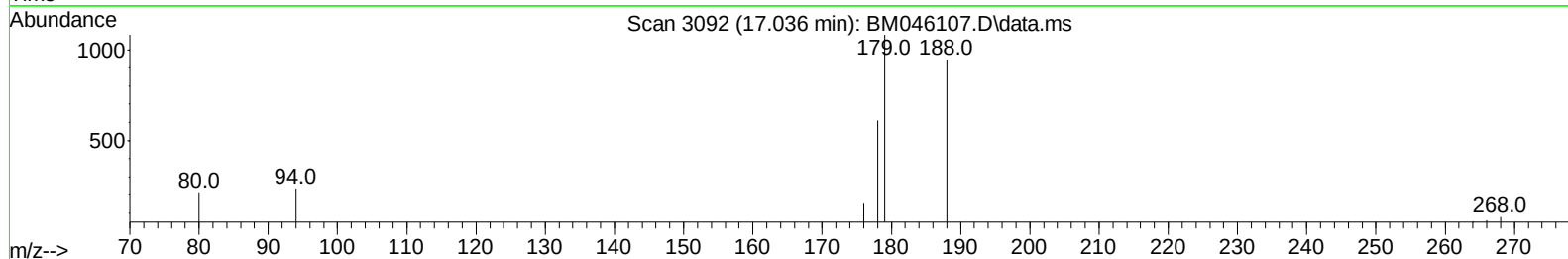
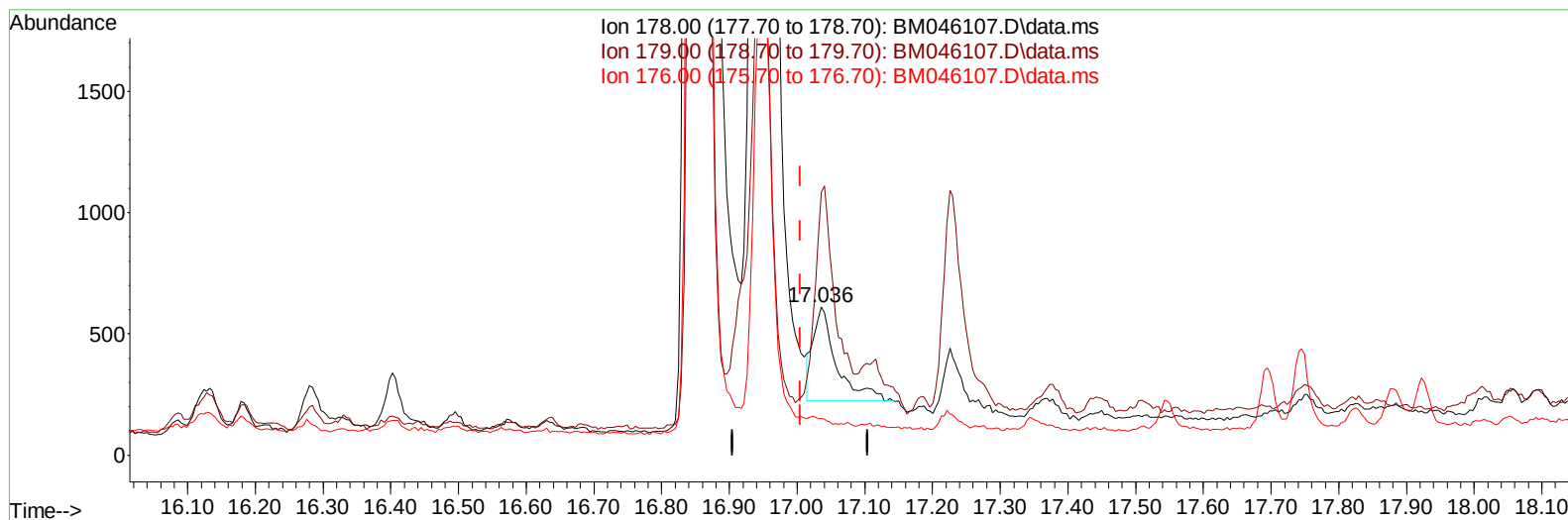
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

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TIC: BM046107.D\data.ms

(16) Anthracene

17.036min (+ 0.031) 0.04 ng/u1

response 926

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	177.54#
176.00	21.20	24.75
0.00	0.00	0.00

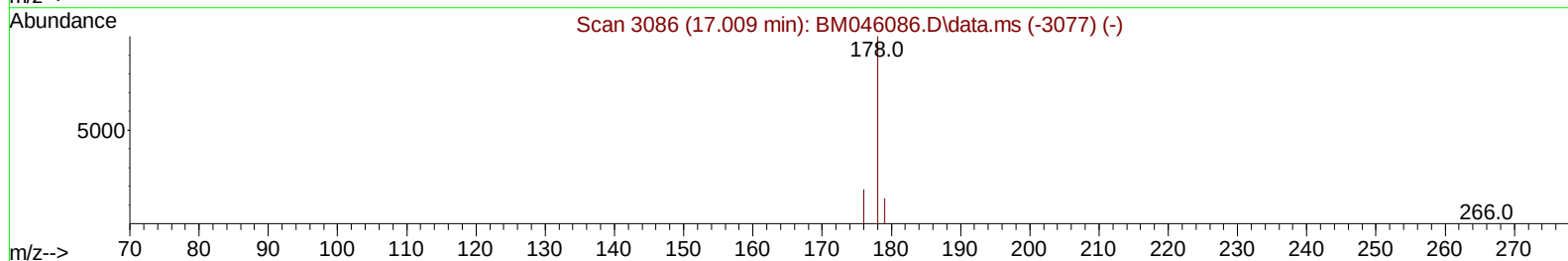
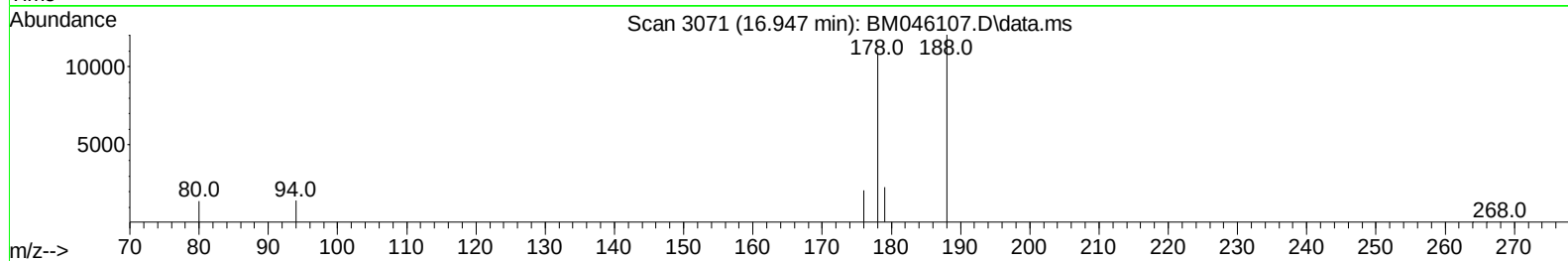
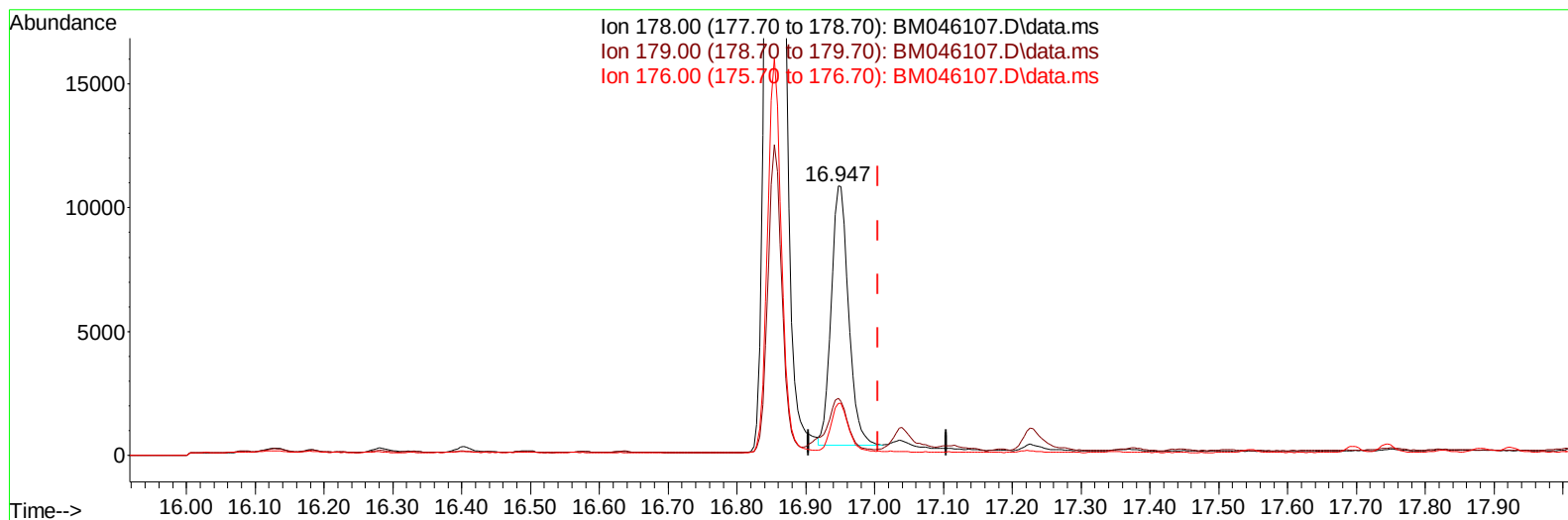
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(16) Anthracene

16.947min (-0.058) 0.82 ng/ul m

response 18449

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	21.00
176.00	21.20	19.27
0.00	0.00	0.00

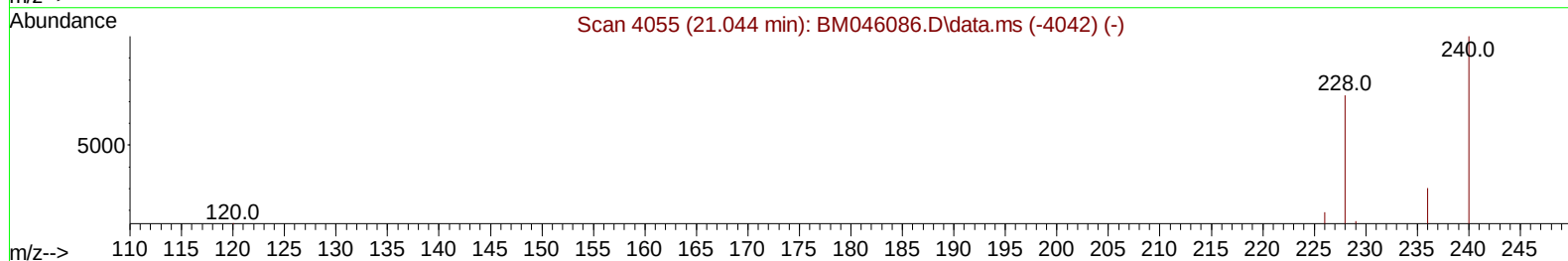
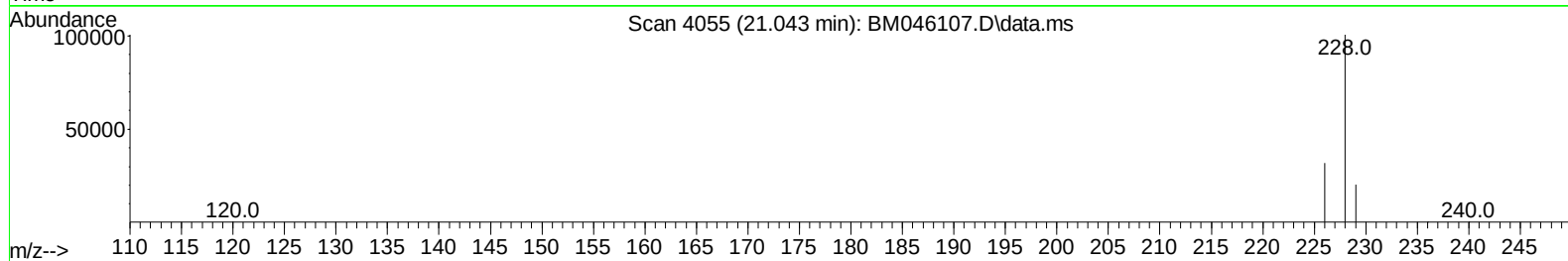
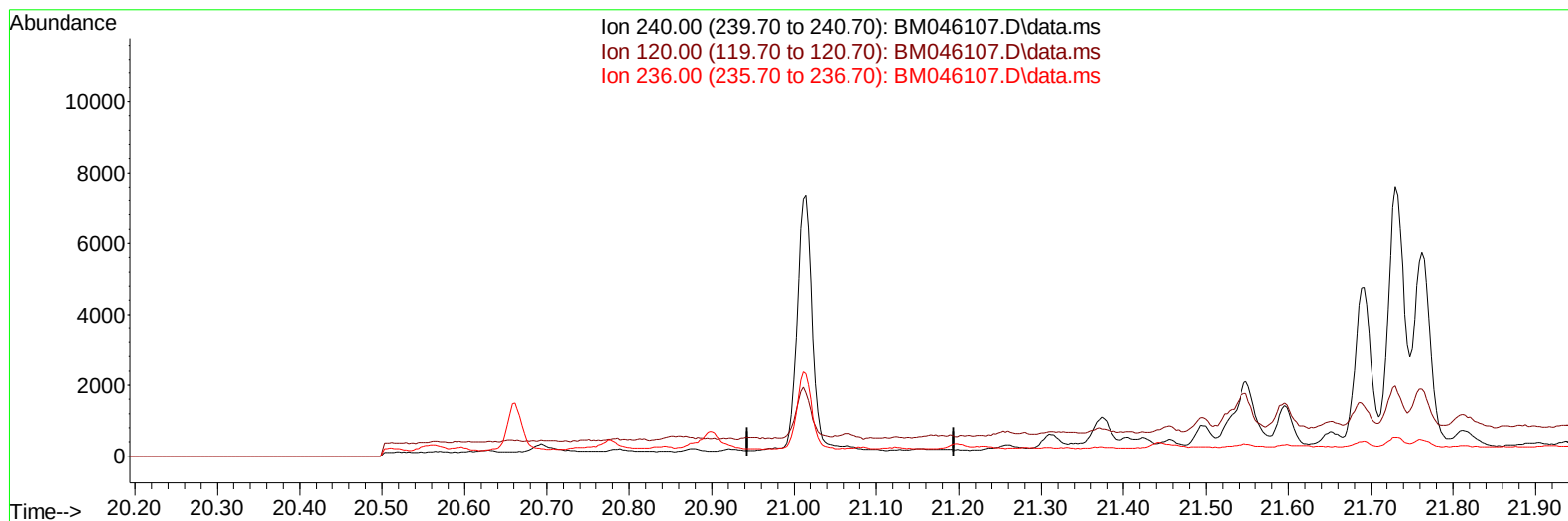
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(17) Chrysene-d12

21.044min (-21.044) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	23.50	0.00#
236.00	33.60	0.00#
0.00	0.00	0.00

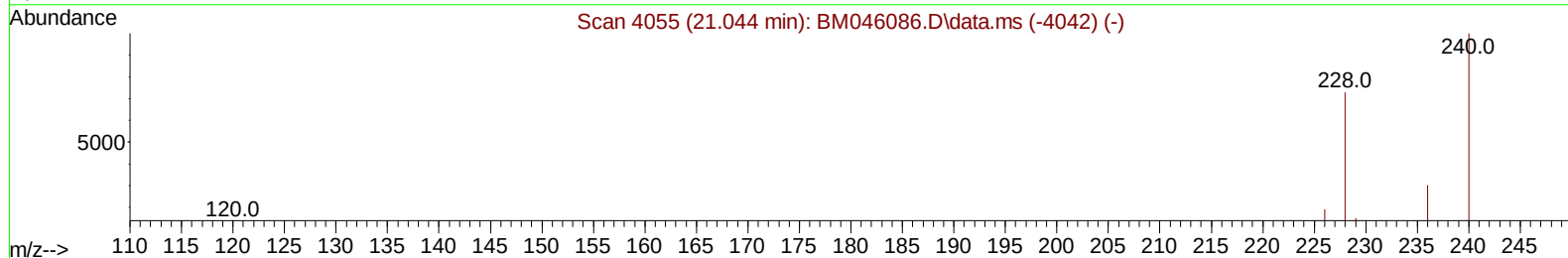
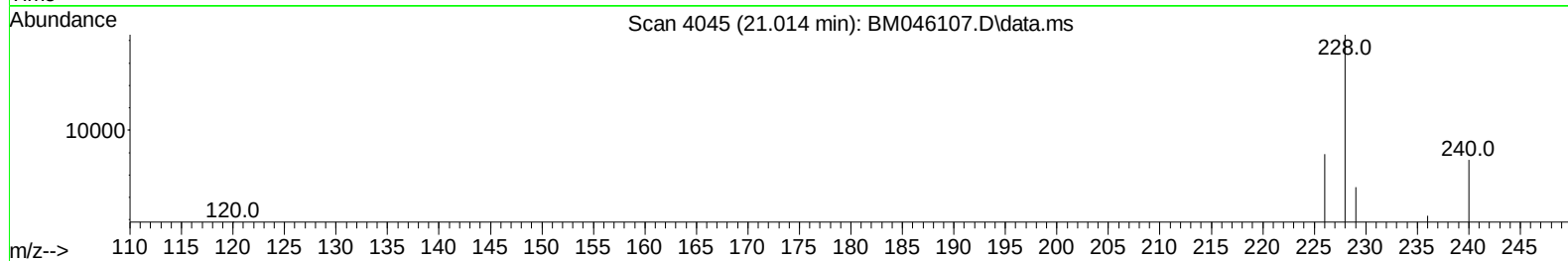
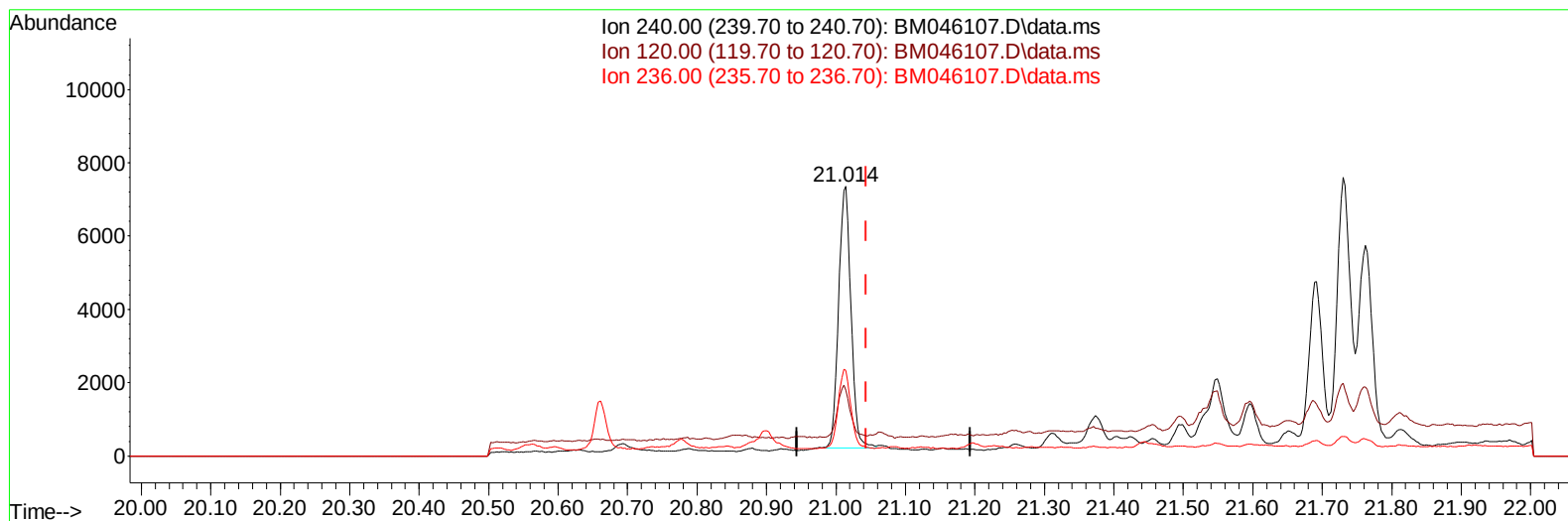
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

Quant Time: Jun 20 05:03:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046107.D\data.ms

(17) Chrysene-d12

21.014min (-0.030) 0.40 ng/ul m

response 8828

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	24.33
236.00	33.60	31.72
0.00	0.00	0.00

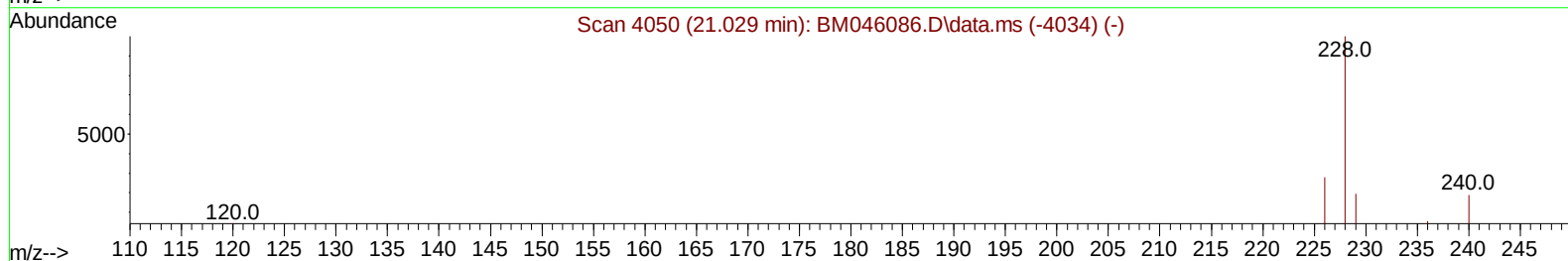
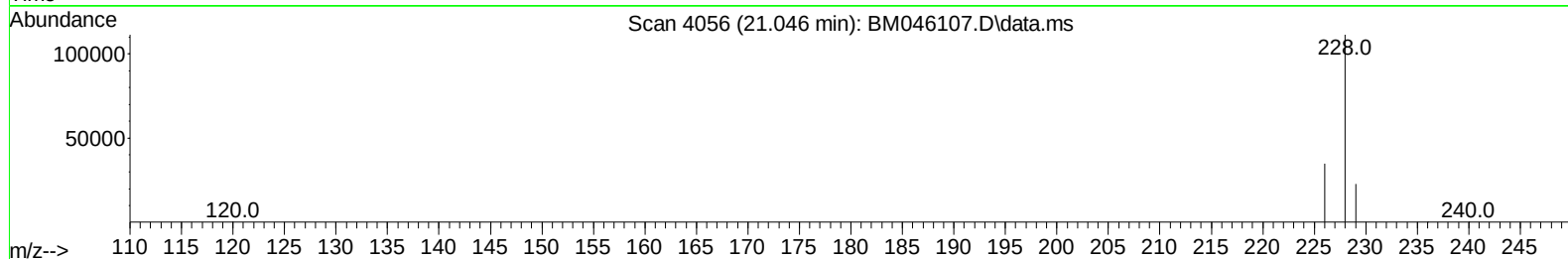
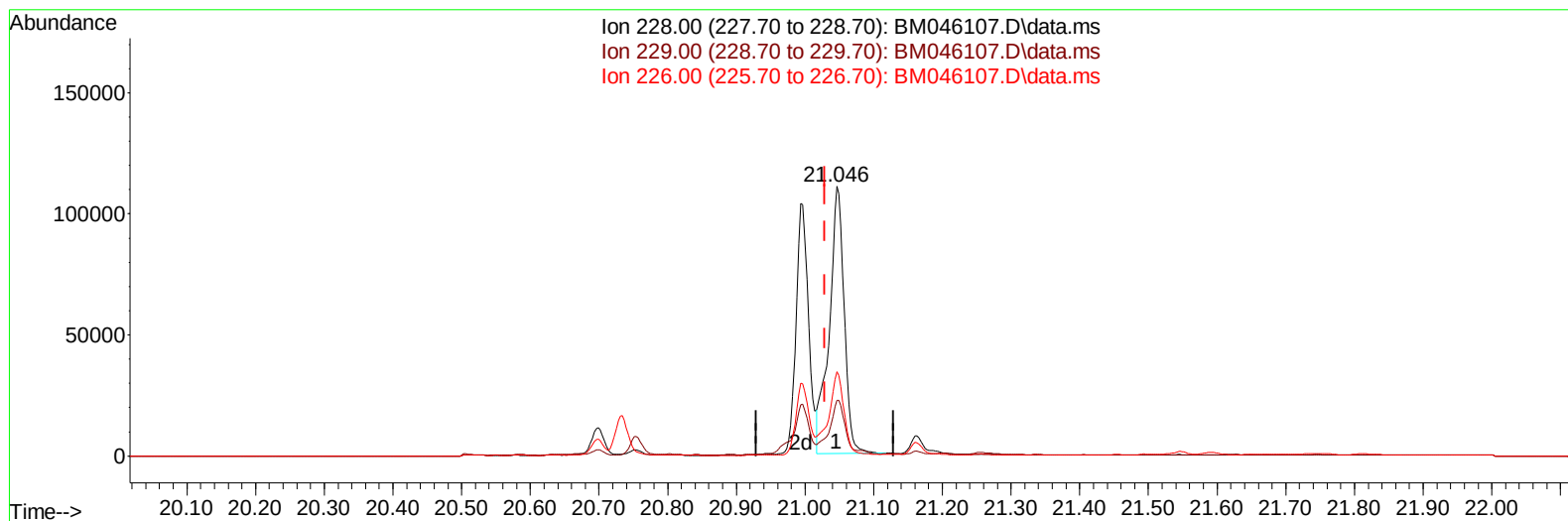
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(21) Benzo(a)anthracene

21.046min (+ 0.017) 4.91 ng/u1

response 167330

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.57
226.00	29.30	31.28
0.00	0.00	0.00

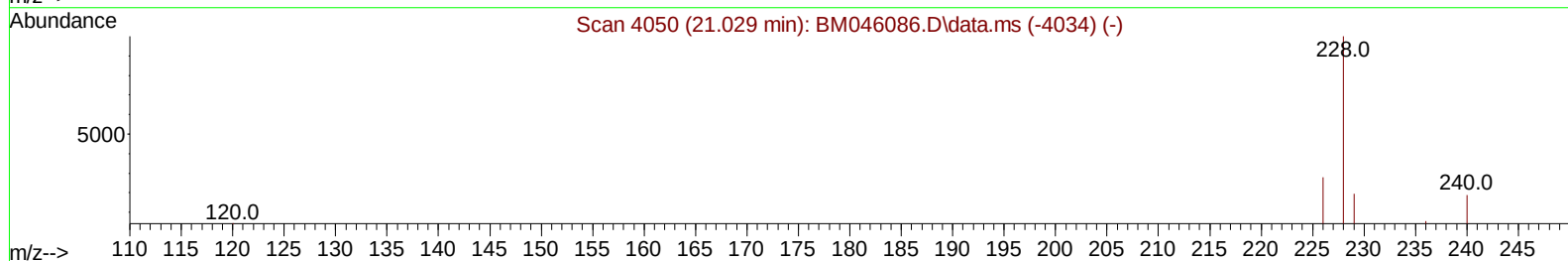
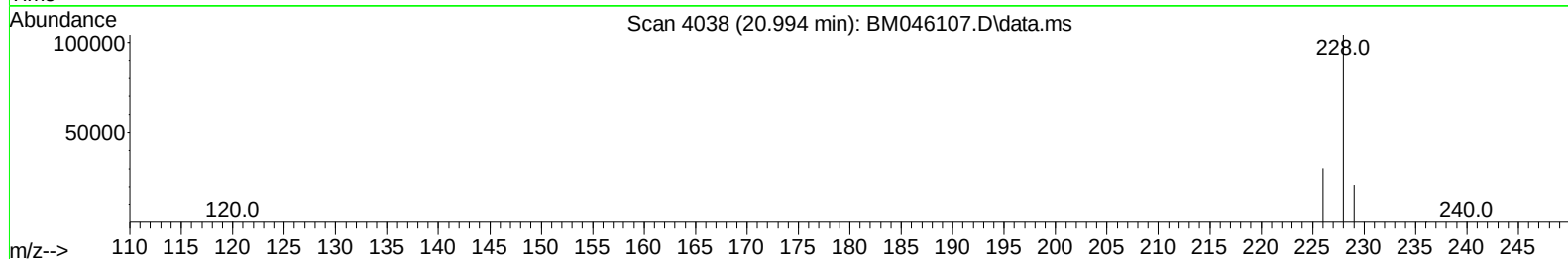
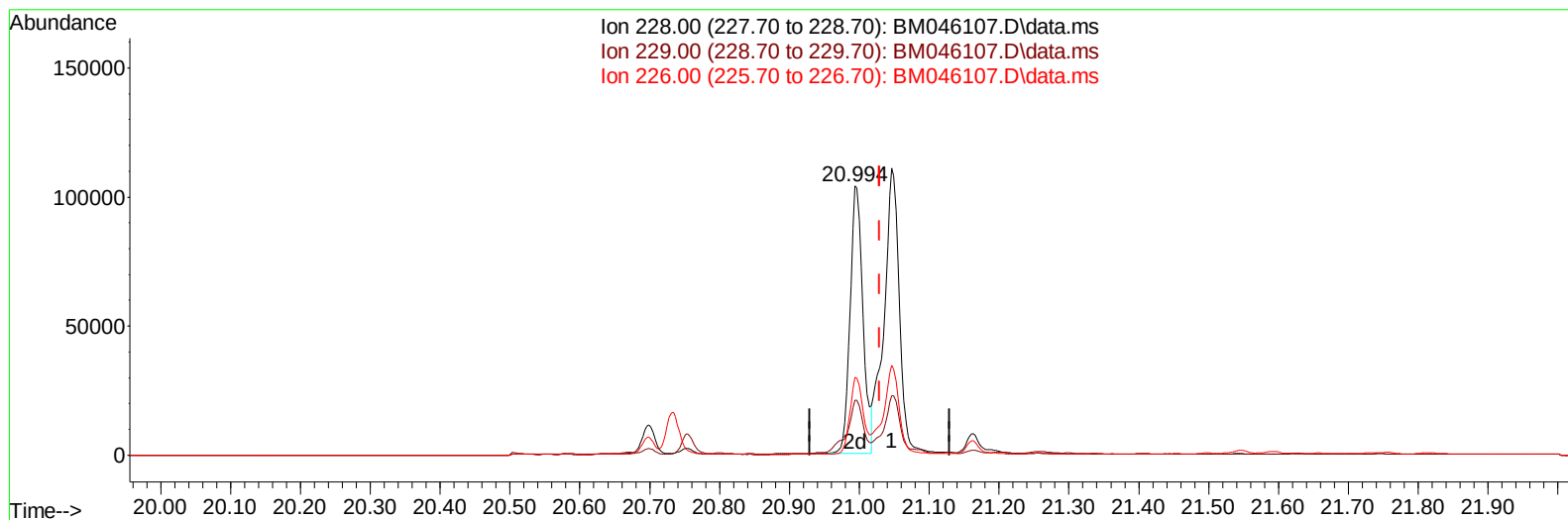
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

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TIC: BM046107.D\data.ms

(21) Benzo(a)anthracene

20.994min (-0.036) 3.89 ng/ul m

response 132741

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.41
226.00	29.30	28.96
0.00	0.00	0.00

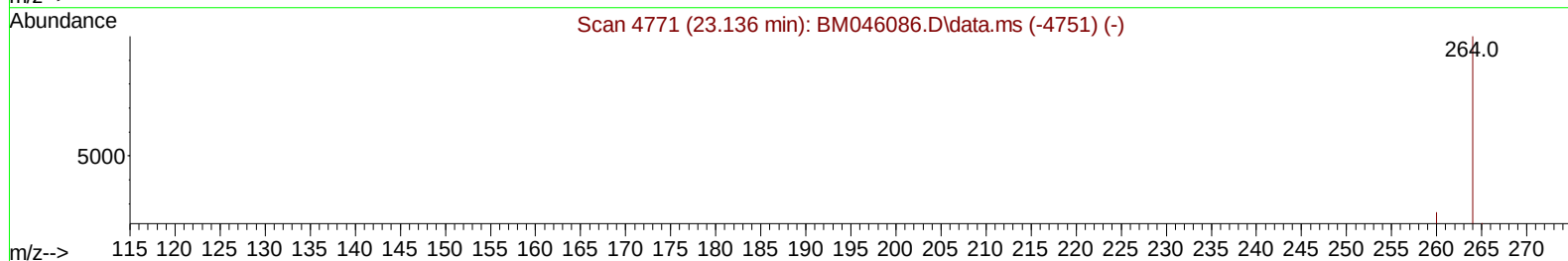
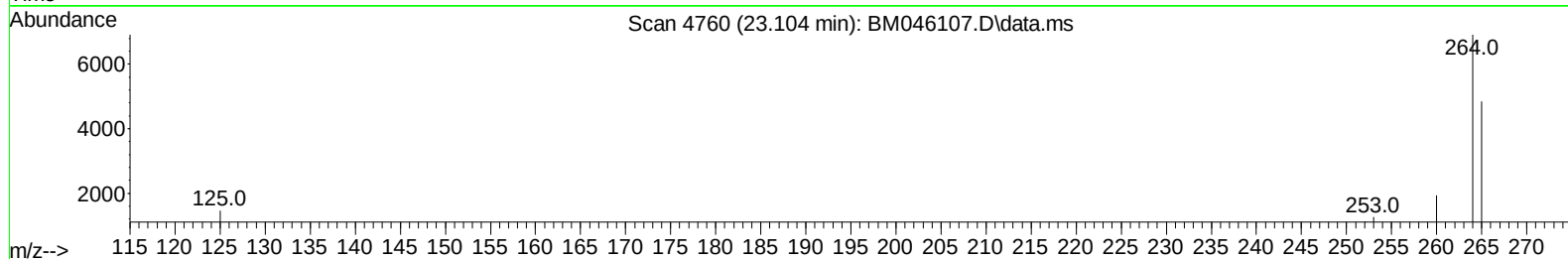
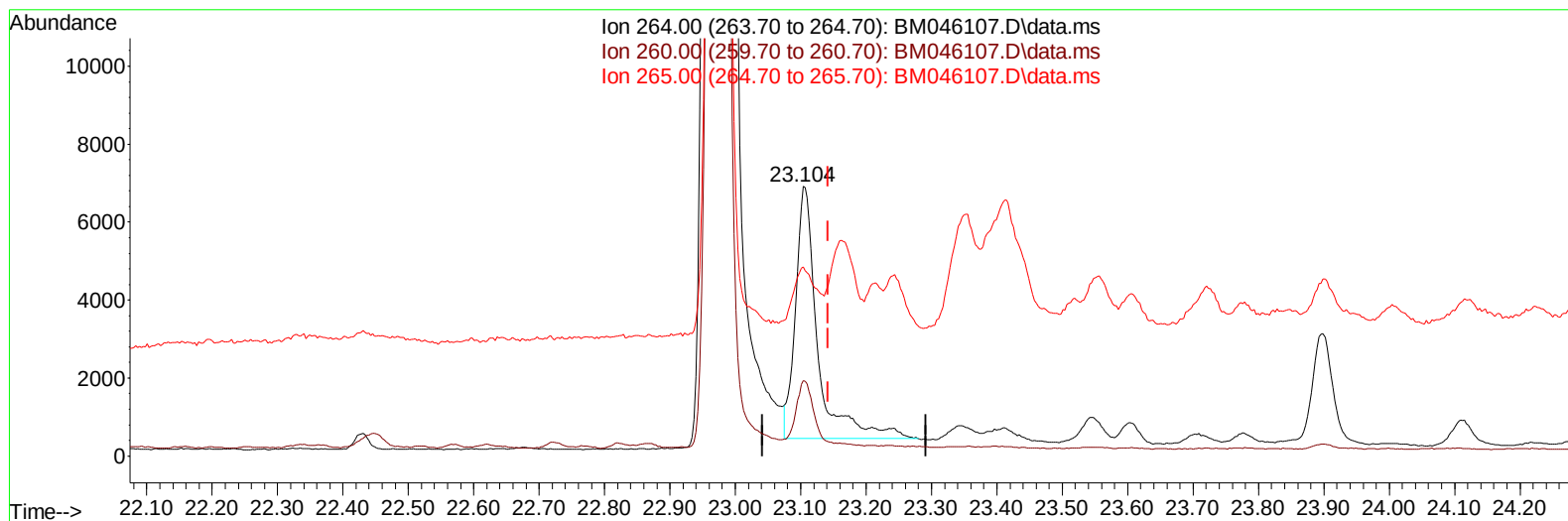
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046107.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/u1

response 15251

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.93
265.00	110.60	70.23#
0.00	0.00	0.00

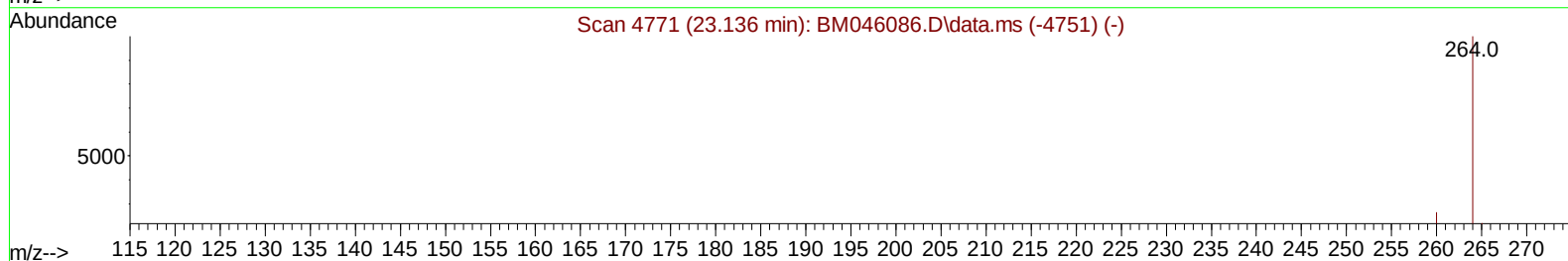
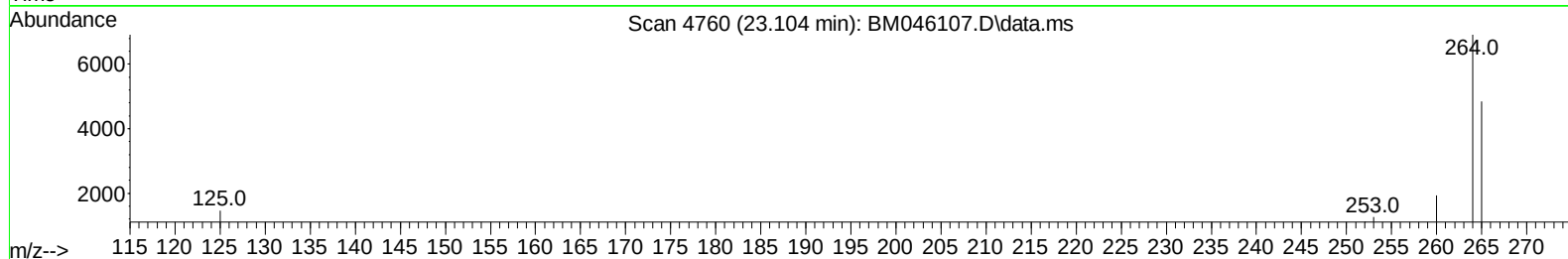
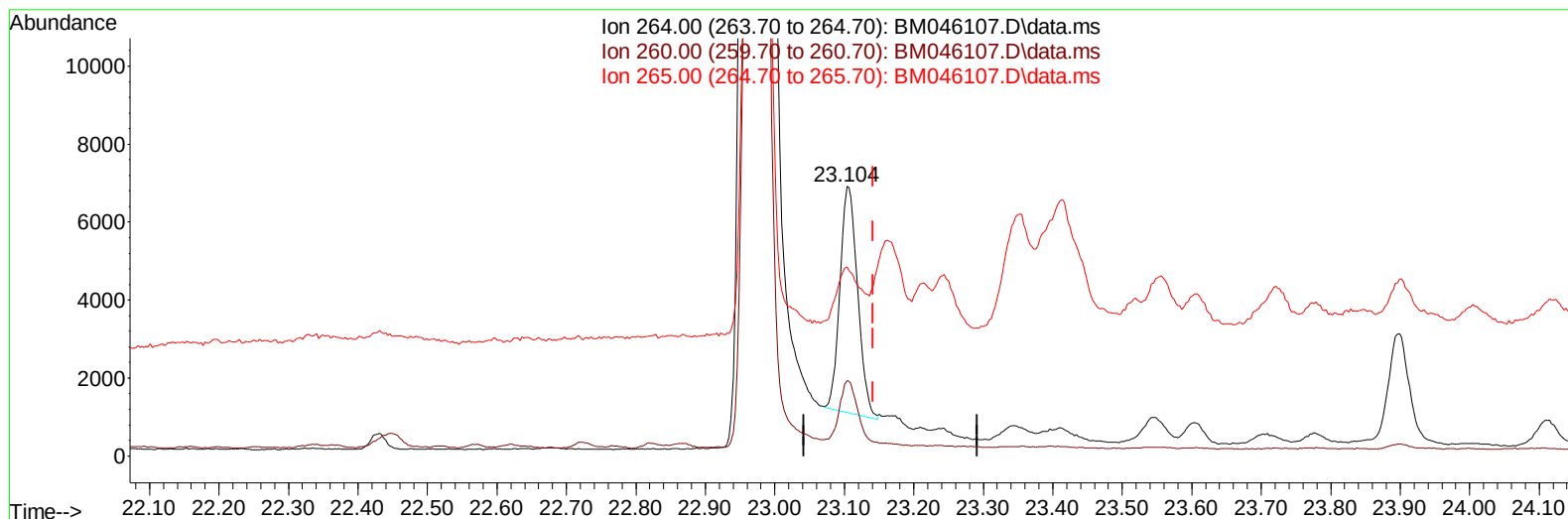
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Data File : BM046107.D
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Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046107.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/ul m

response 10246

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.93
265.00	110.60	70.23#
0.00	0.00	0.00

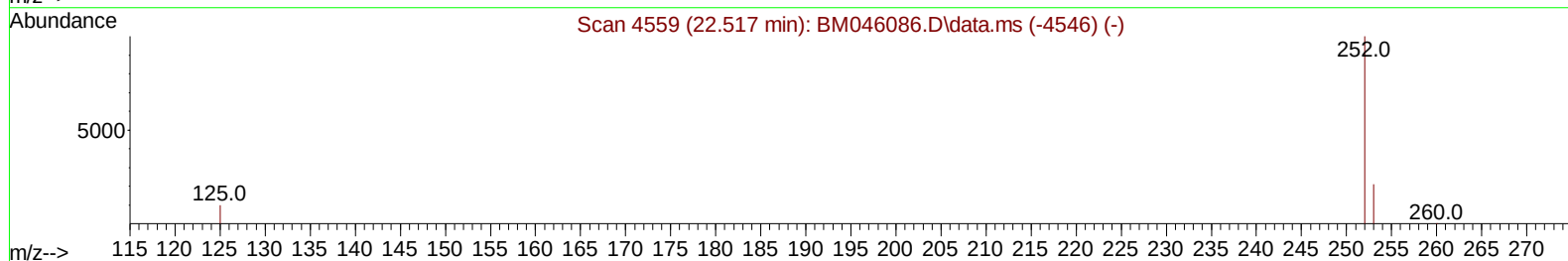
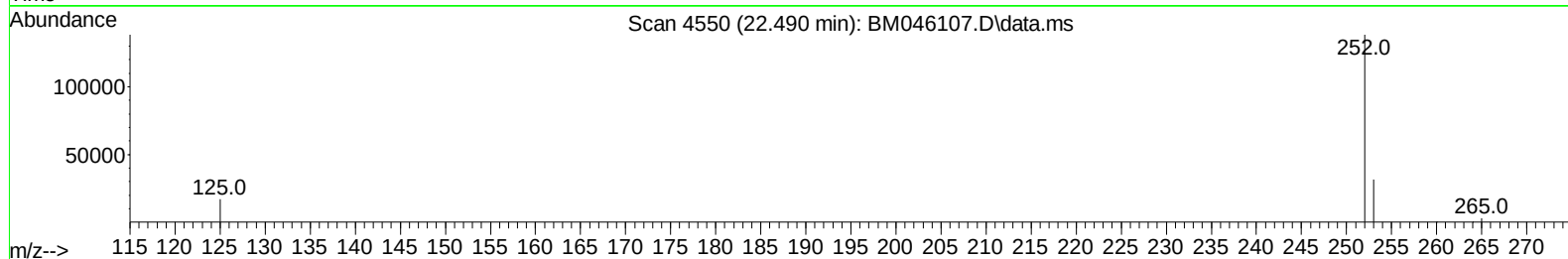
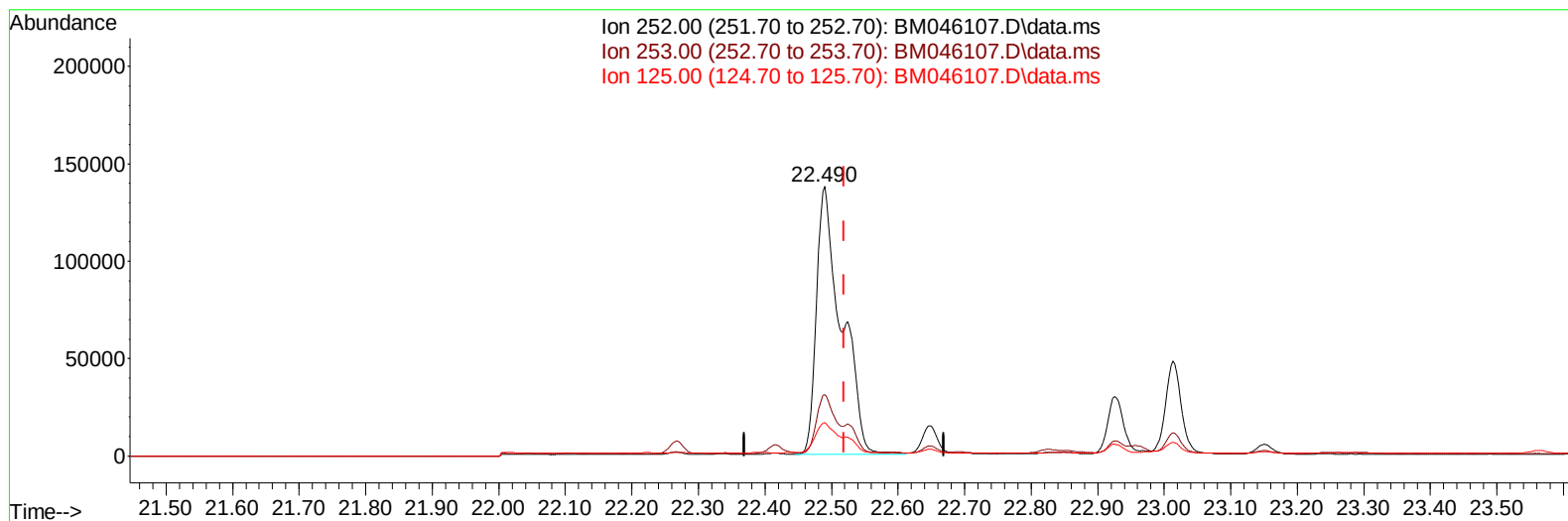
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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 ALS Vial : 24 Sample Multiplier: 1

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TIC: BM046107.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 9.64 ng/u1

response 355985

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.85
125.00	20.10	12.31
0.00	0.00	0.00

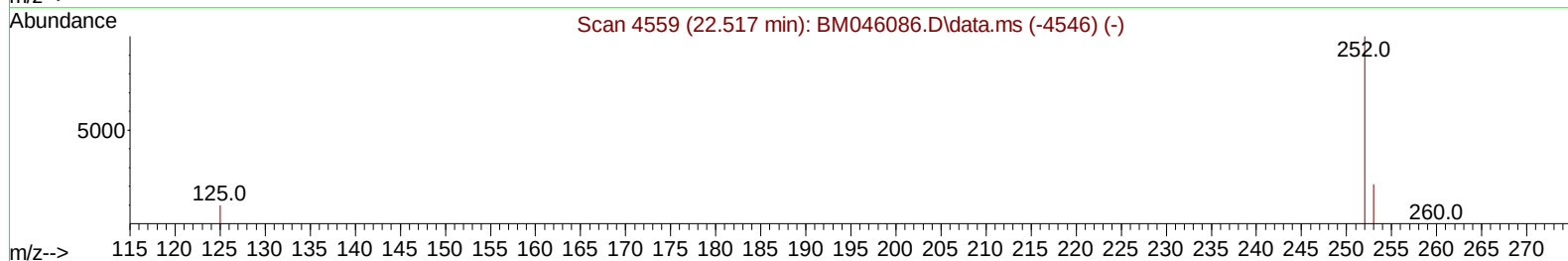
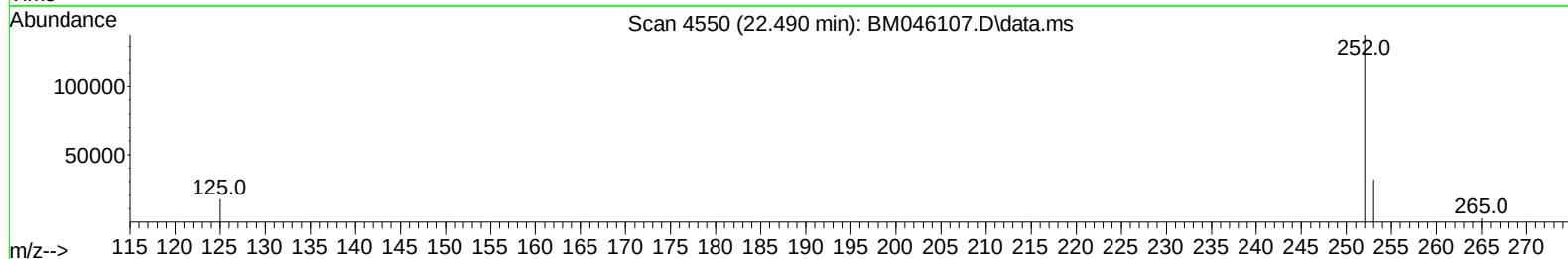
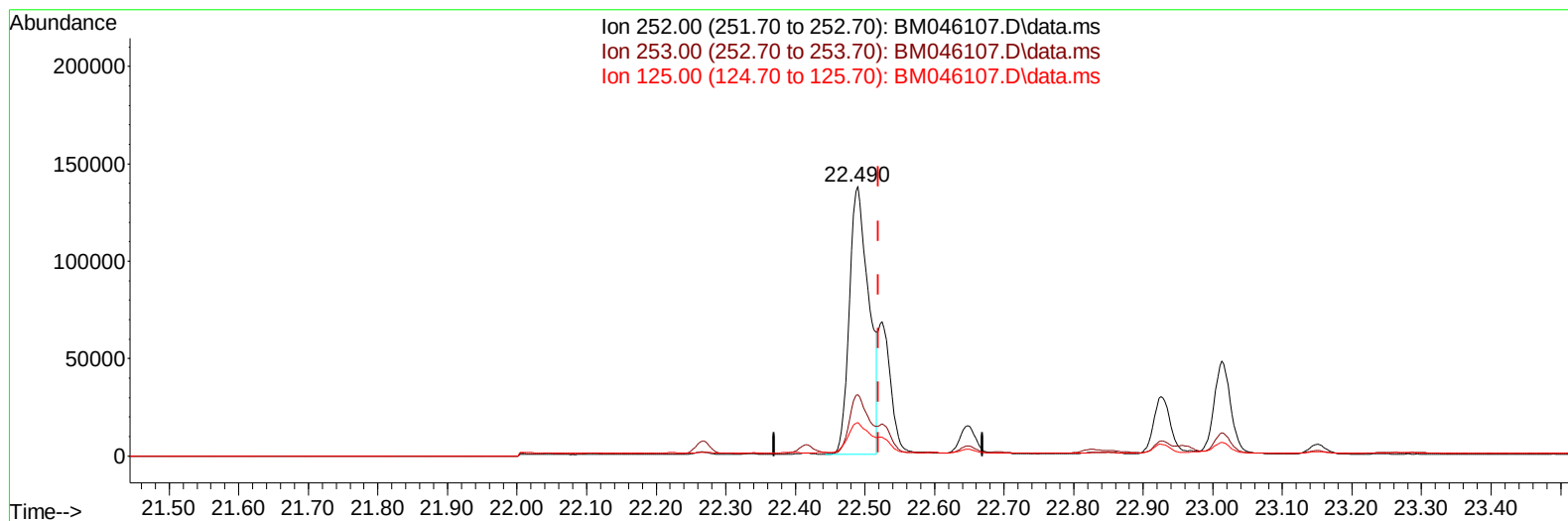
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

Quant Time: Jun 20 05:03:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046107.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 7.21 ng/ul m

response 266015

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.85
125.00	20.10	12.31
0.00	0.00	0.00

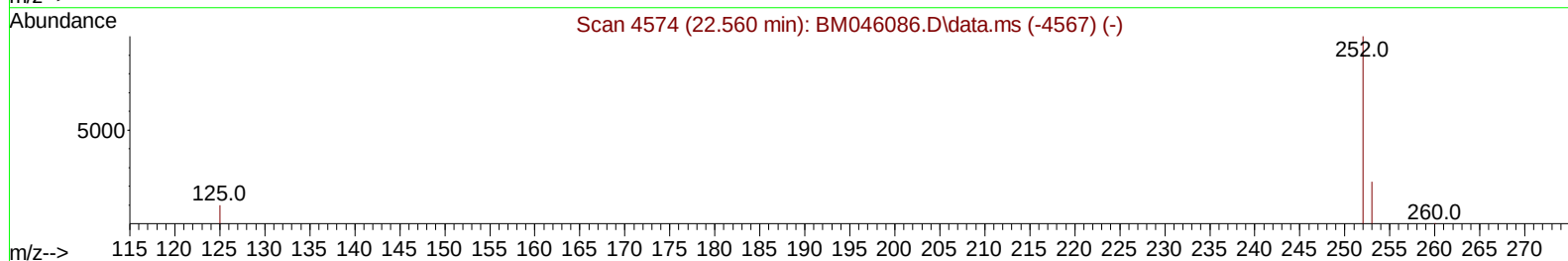
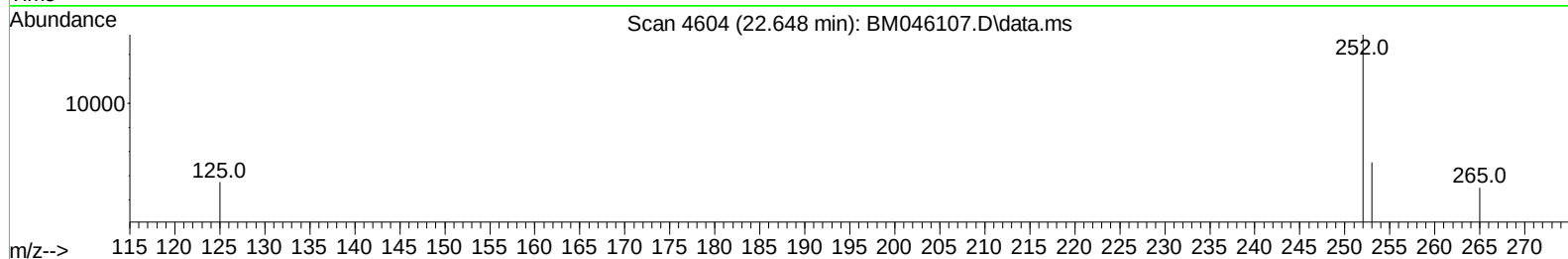
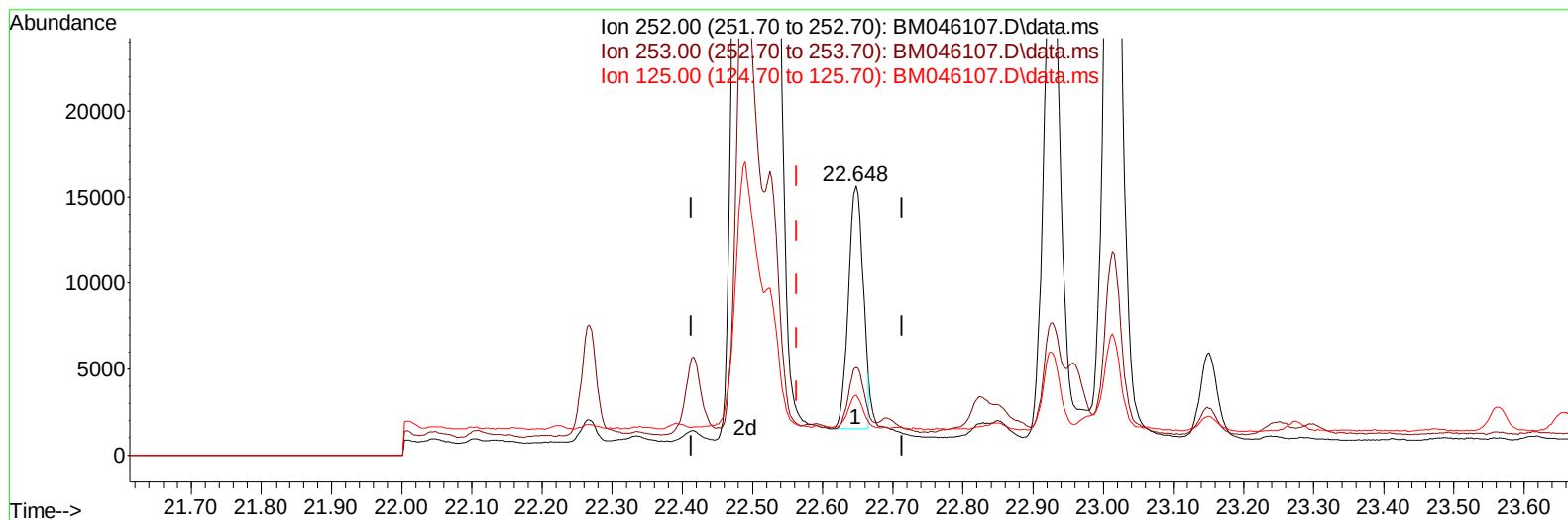
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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TIC: BM046107.D\data.ms

(25) Benzo(k)fluoranthene

22.648min (+ 0.084) 0.47 ng/u1

response 20734

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	32.60
125.00	20.80	22.19
0.00	0.00	0.00

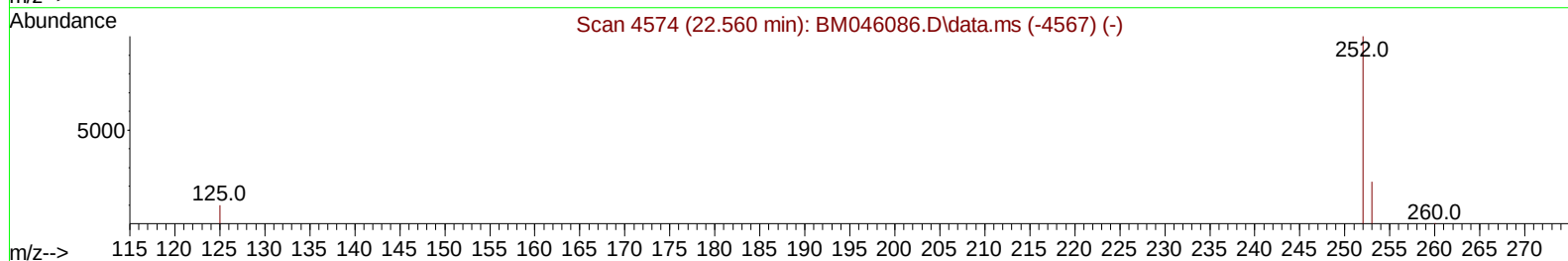
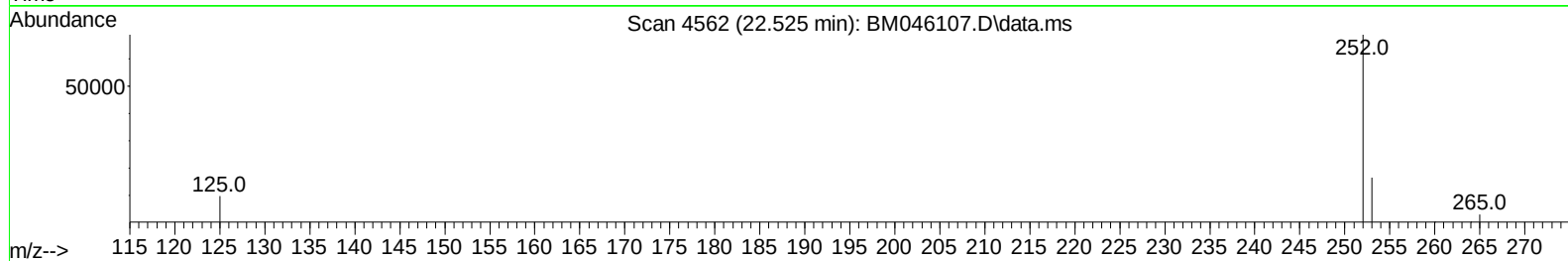
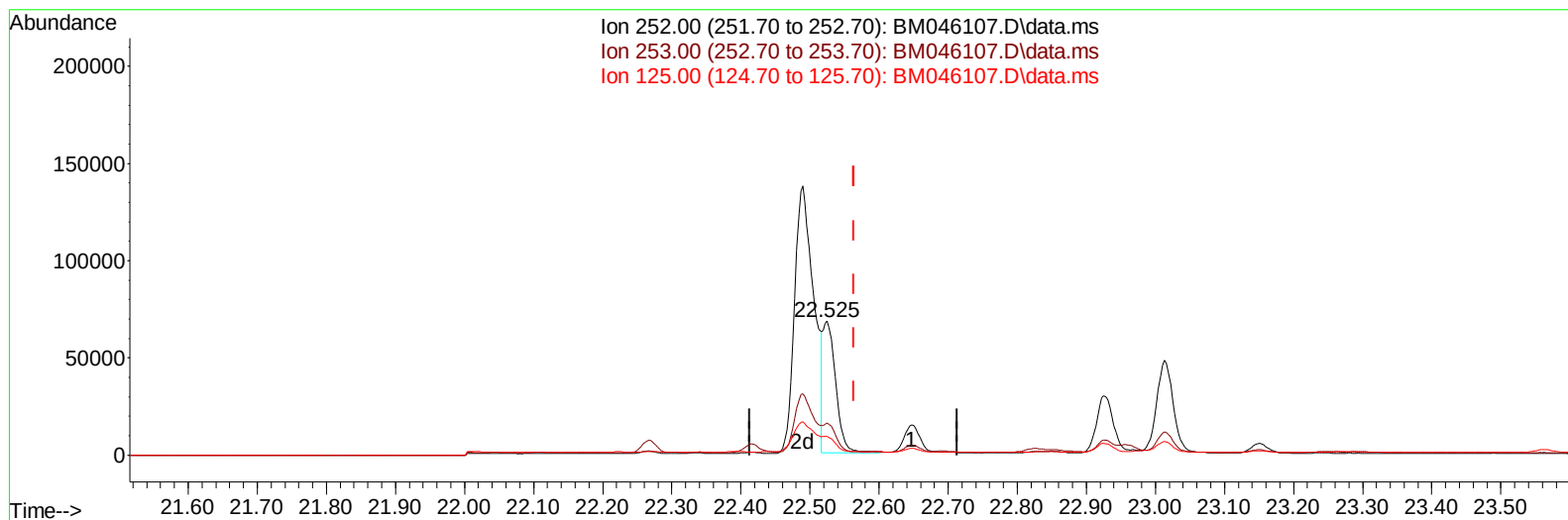
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046107.D
Acq On : 20 Jun 2024 04:32
Operator : MA/JU
Sample : P2696-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BN7

Manual IntegrationsAPPROVED

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TIC: BM046107.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.039) 1.99 ng/ul m

response 87316

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.96#
125.00	20.80	14.11#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2696-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3356	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	9549	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.072	164	5087	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	10813m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	8828m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	10246m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	16166	3.511	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.827	152	3199	0.249	ng/ul	-0.04
18) Fluoranthene-d10	18.844	212	7796	0.295	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.249	128	3479	0.131	ng/ul	98
7) 2-Methylnaphthalene	11.893	142	1023	0.068	ng/ul	98
8) 1-Methylnaphthalene	12.108	142	857	0.052	ng/ul	100
10) Acenaphthylene	13.790	152	8363	0.347	ng/ul	99
11) Acenaphthene	14.137	153	3511	0.202	ng/ul	98
12) Fluorene	15.127	166	4334	0.232	ng/ul	98
14) Pentachlorophenol	16.512	266	78	0.024	ng/ul	96
15) Phenanthrene	16.854	178	116082m	3.821	ng/ul	
16) Anthracene	16.947	178	18449m	0.815	ng/ul	
19) Fluoranthene	18.877	202	326782	8.549	ng/ul	97
20) Pyrene	19.239	202	217164	5.253	ng/ul	97
21) Benzo(a)anthracene	20.994	228	132741m	3.893	ng/ul	
22) Chrysene	21.046	228	167943	3.859	ng/ul	100
24) Benzo(b)fluoranthene	22.490	252	266015m	7.206	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	87316m	1.990	ng/ul	
26) Benzo(a)pyrene	23.013	252	80167	2.344	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.148	276	92526	1.653	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.152	278	30279	0.726	ng/ul	95
29) Benzo(g,h,i)perylene	25.779	276	13576	0.283	ng/ul	92

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

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