

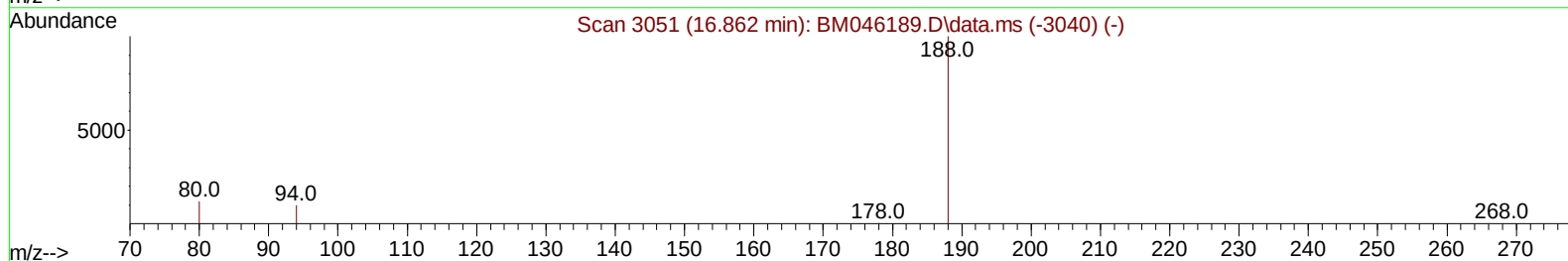
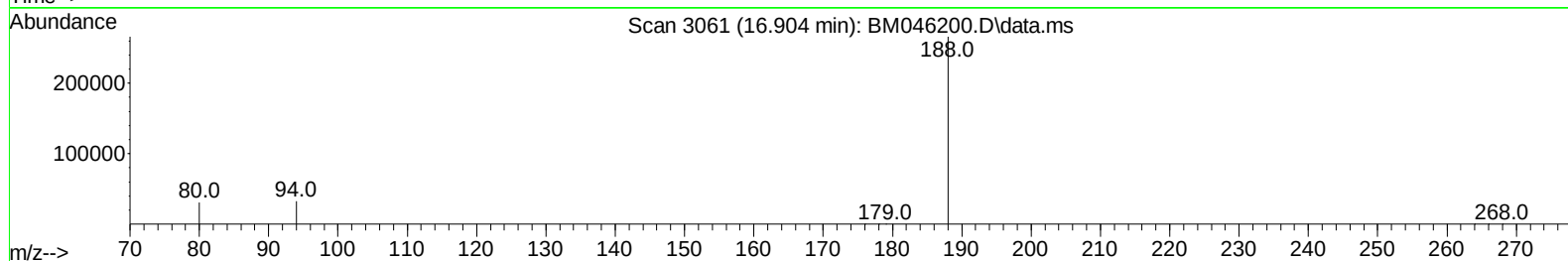
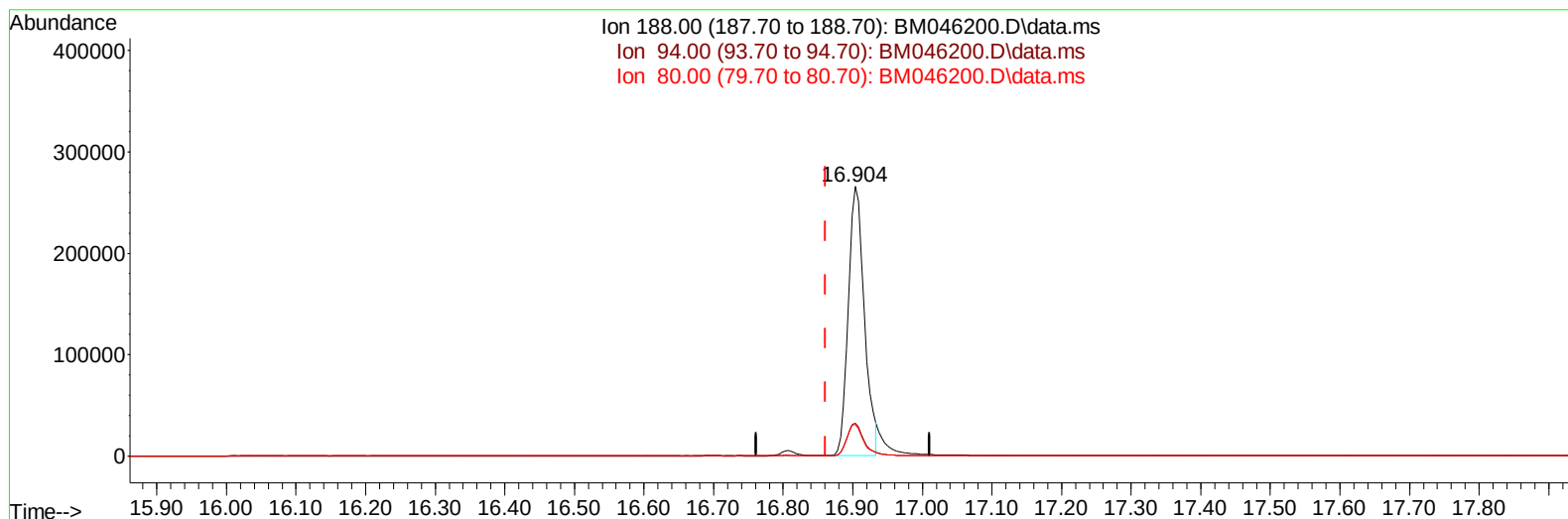
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(13) Phenanthrene-d10 (I)

16.904min (+ 0.042) 0.40 ng/u1

response 427324

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.15
80.00	15.20	11.61#
0.00	0.00	0.00

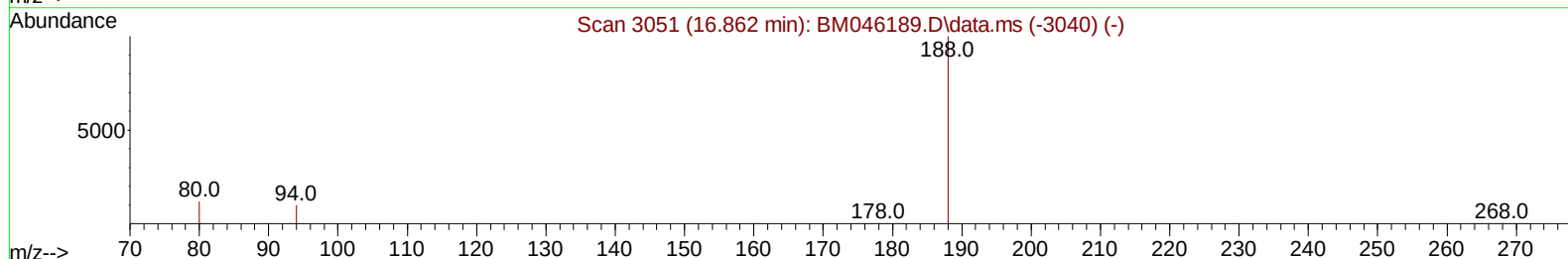
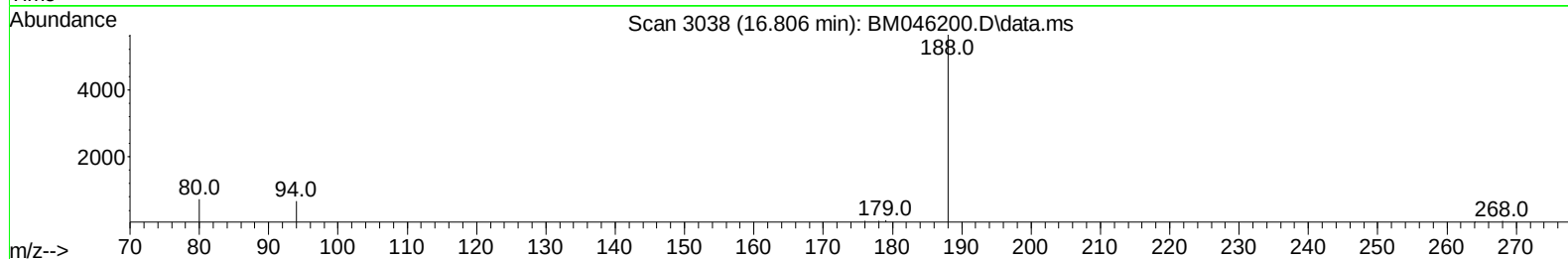
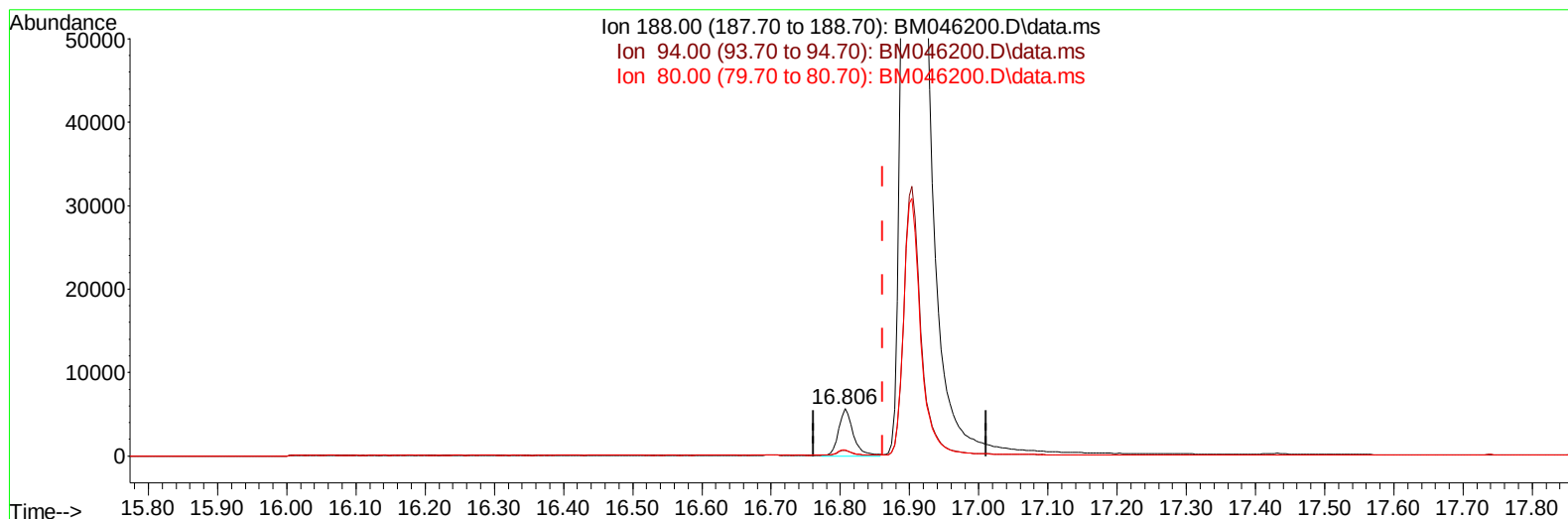
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(13) Phenanthrene-d10 (I)

16.806min (-0.055) 0.40 ng/ul m

response 8312

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.89
80.00	15.20	12.86
0.00	0.00	0.00

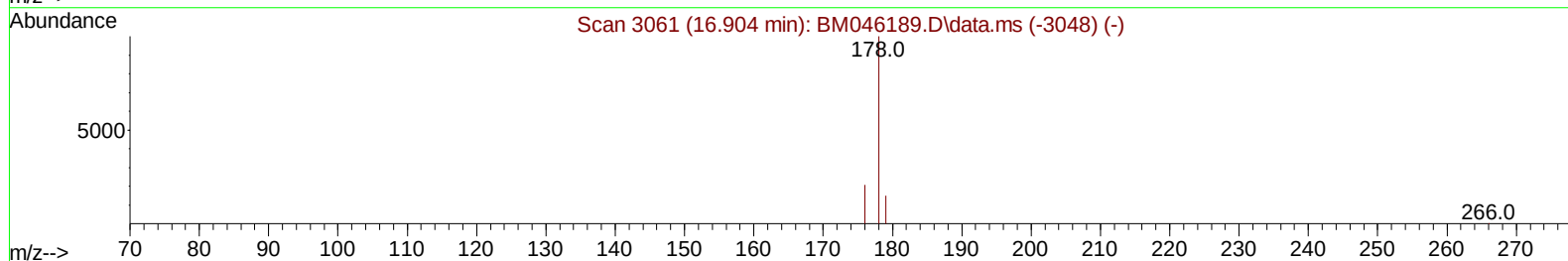
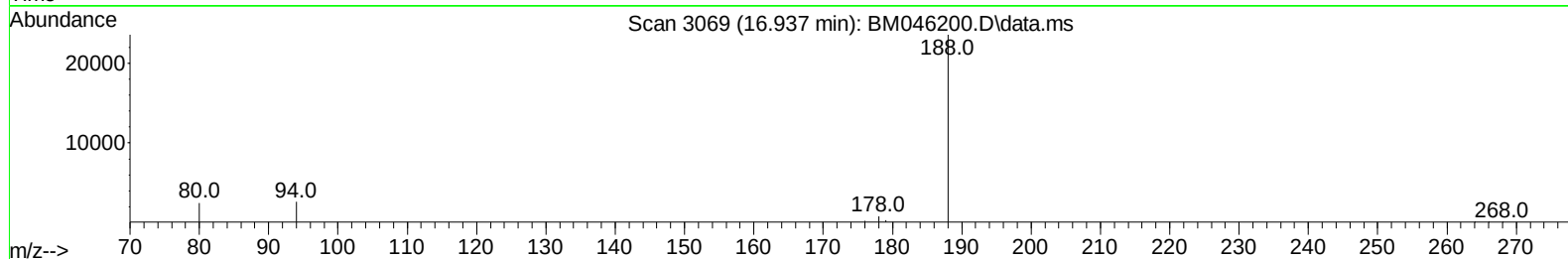
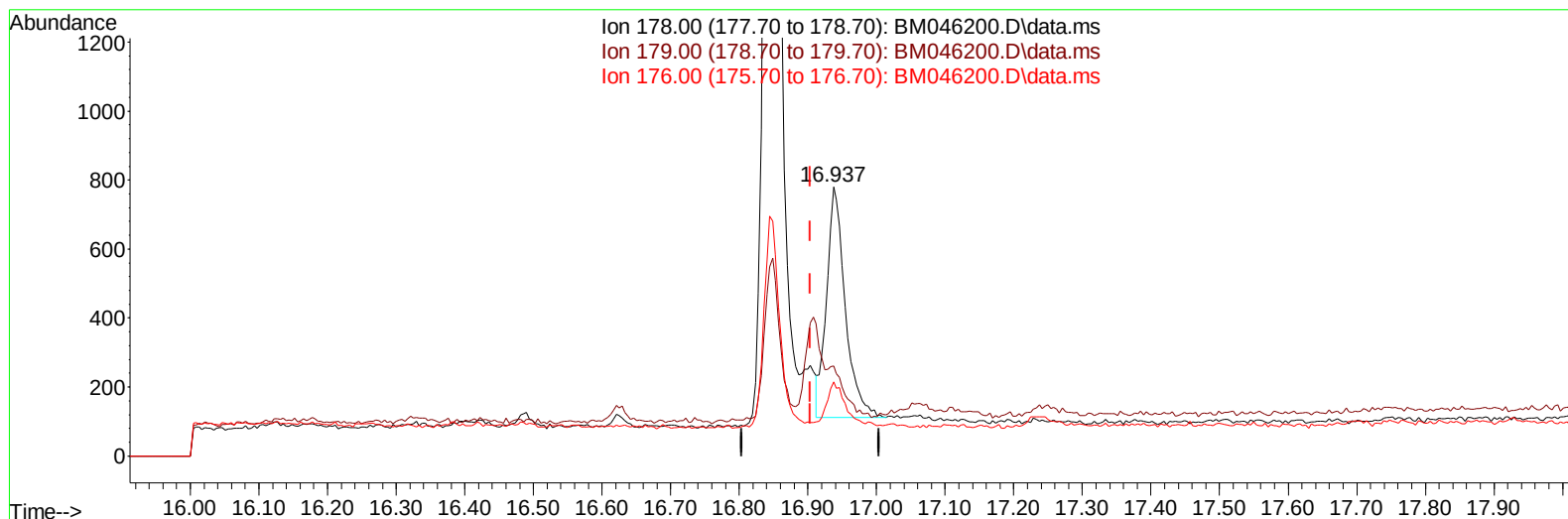
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(15) Phenanthrene

16.937min (+ 0.034) 0.05 ng/u1

response 1265

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	33.42#
176.00	21.40	27.53#
0.00	0.00	0.00

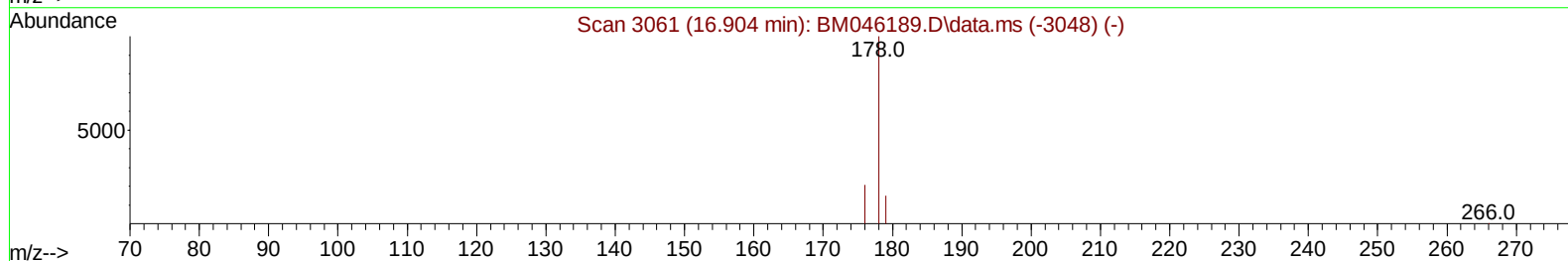
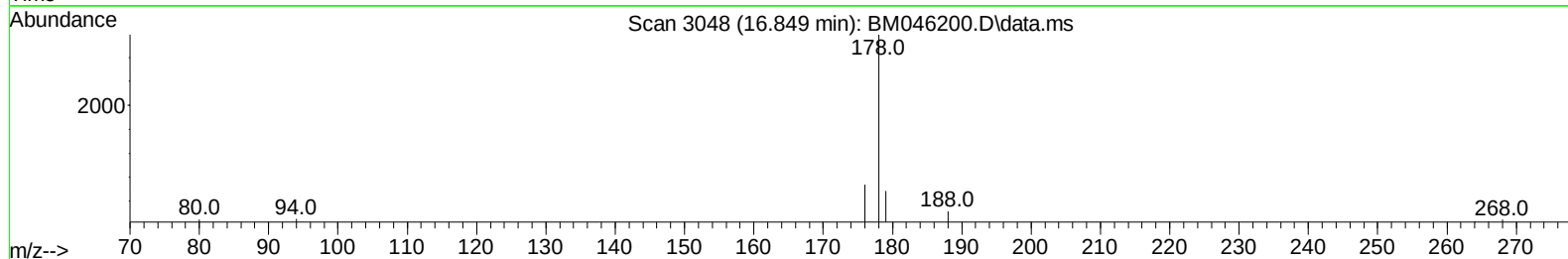
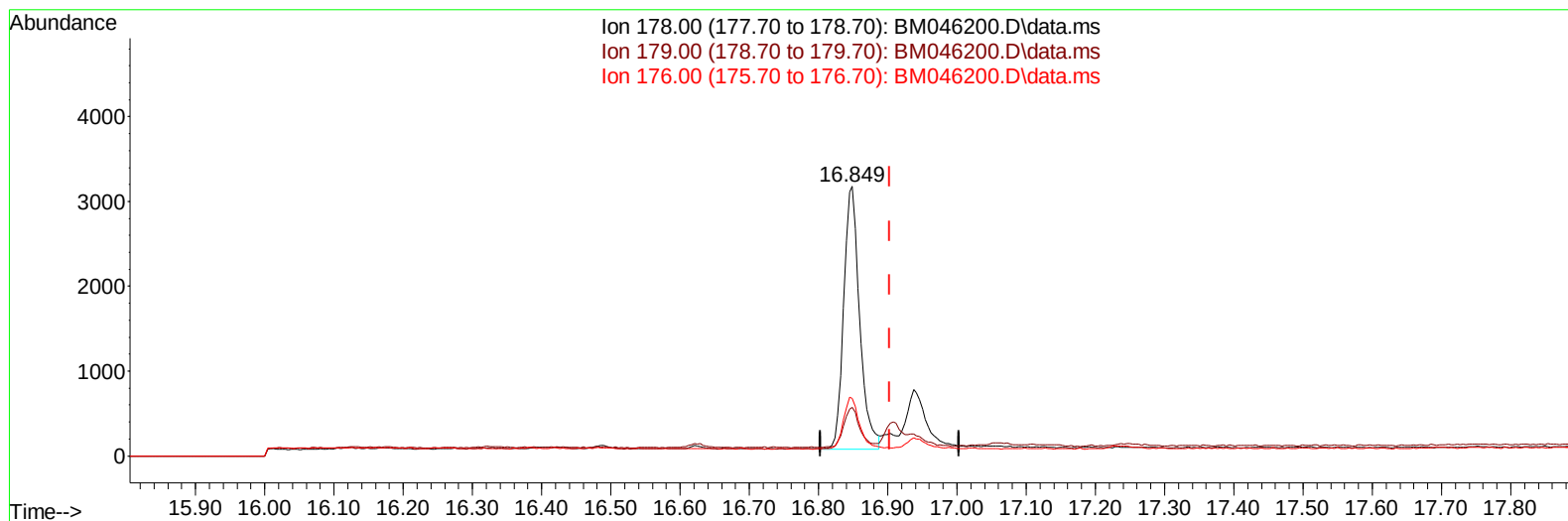
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(15) Phenanthrene

16.849min (-0.055) 0.21 ng/ul m

response 4953

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	18.07
176.00	21.40	21.40
0.00	0.00	0.00

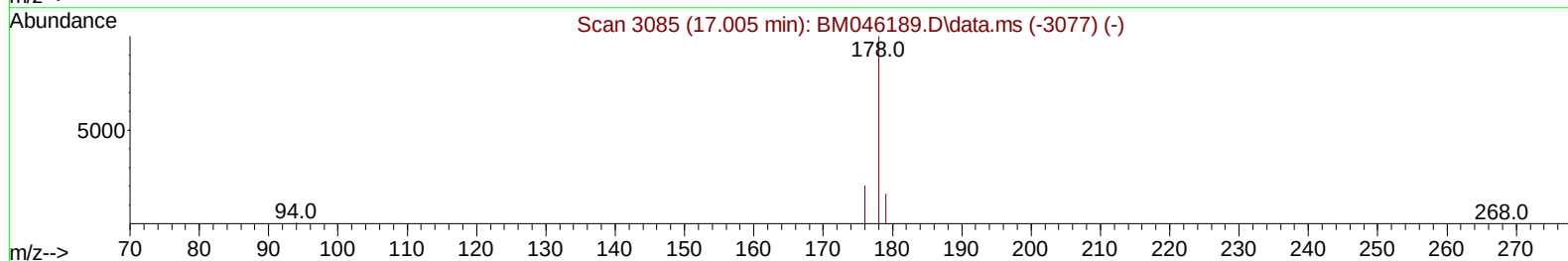
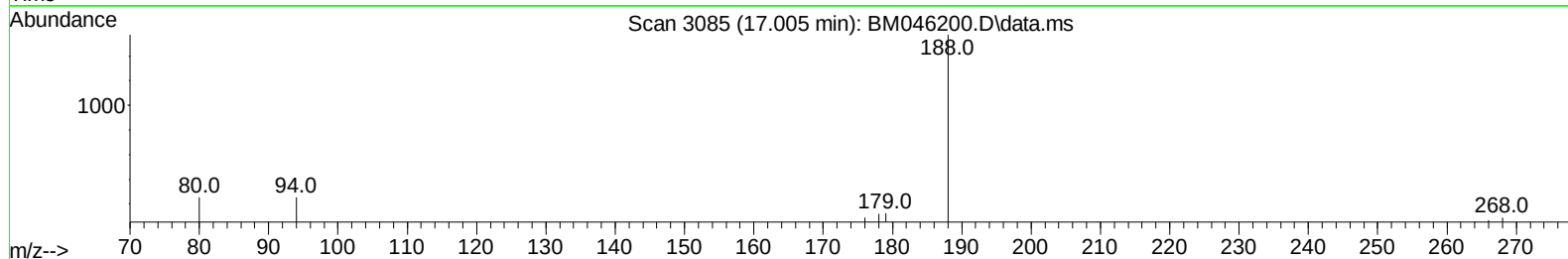
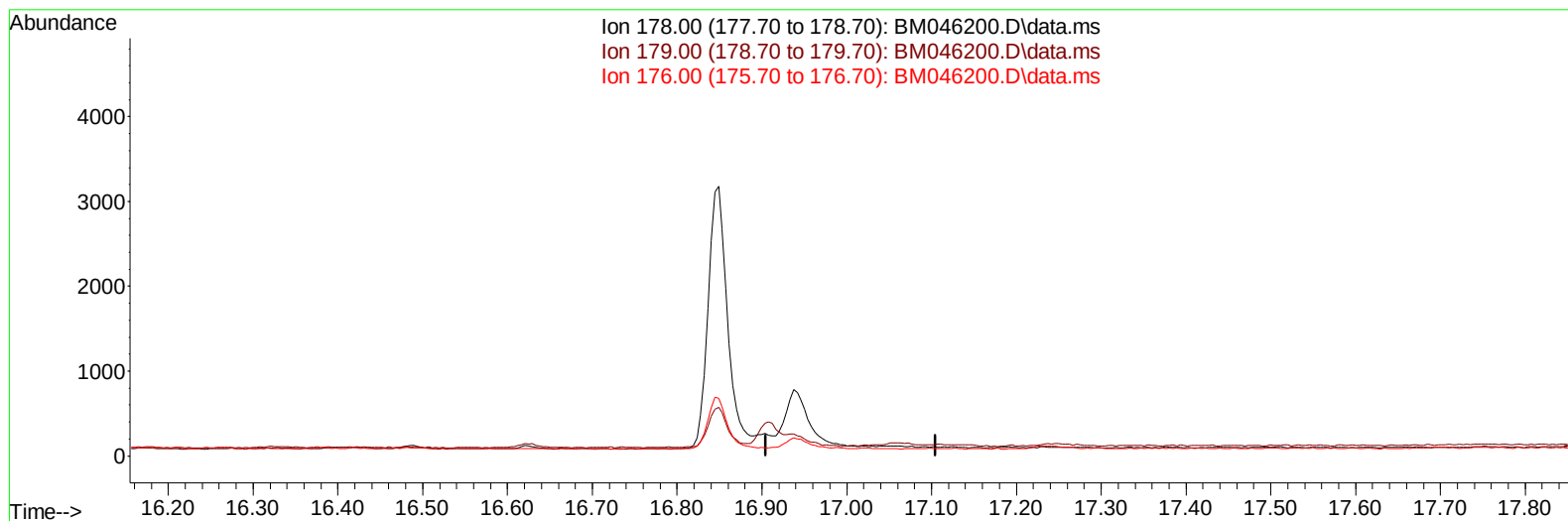
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046200.D\data.ms

(16) Anthracene

17.005min (-17.005) 0.00 ng/u1

response 0

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

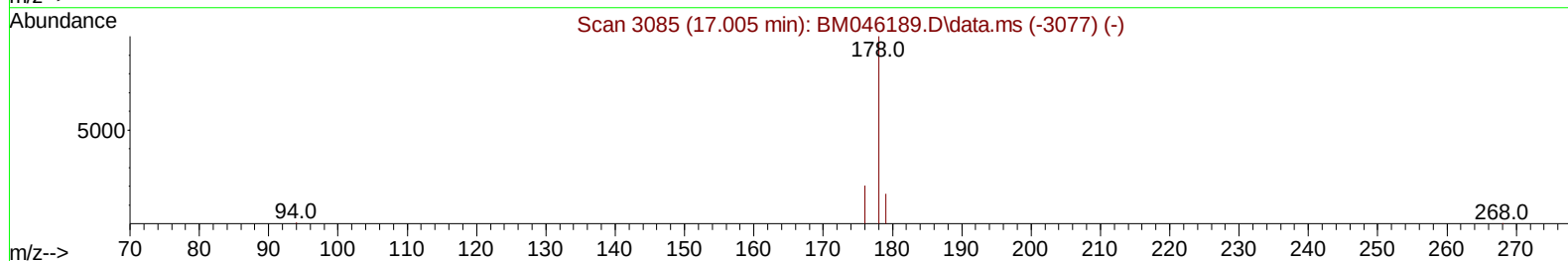
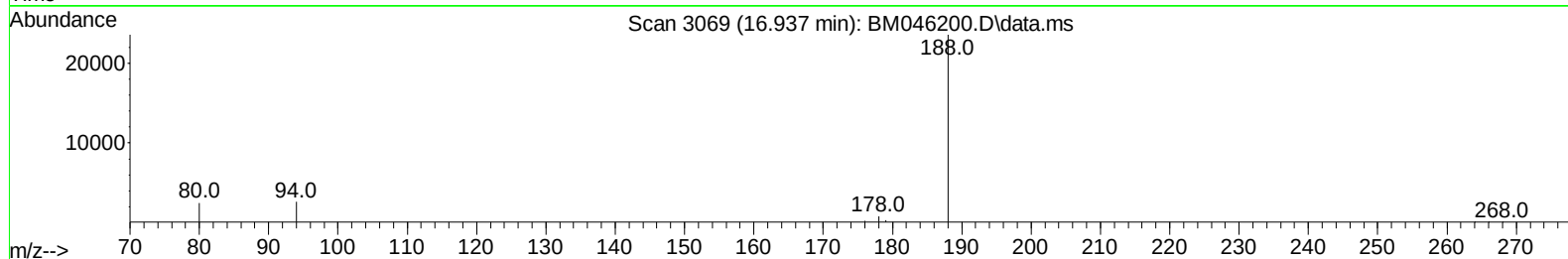
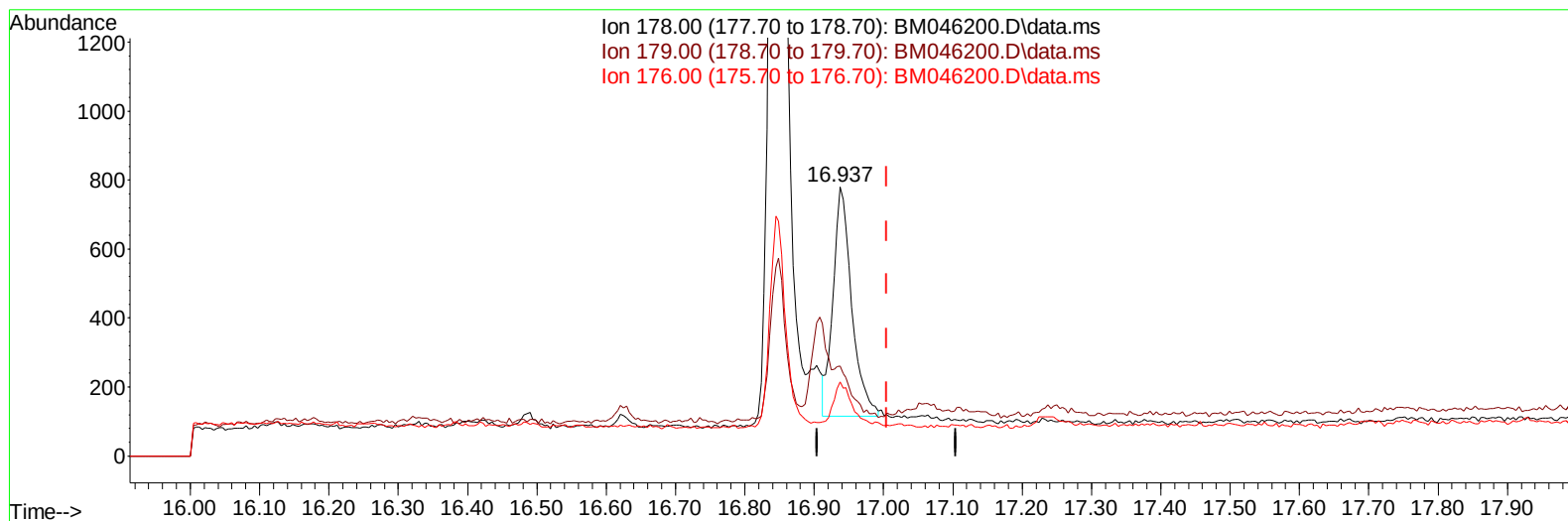
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(16) Anthracene

16.937min (-0.067) 0.07 ng/ul m

response 1242

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	33.42#
176.00	21.20	27.53#
0.00	0.00	0.00

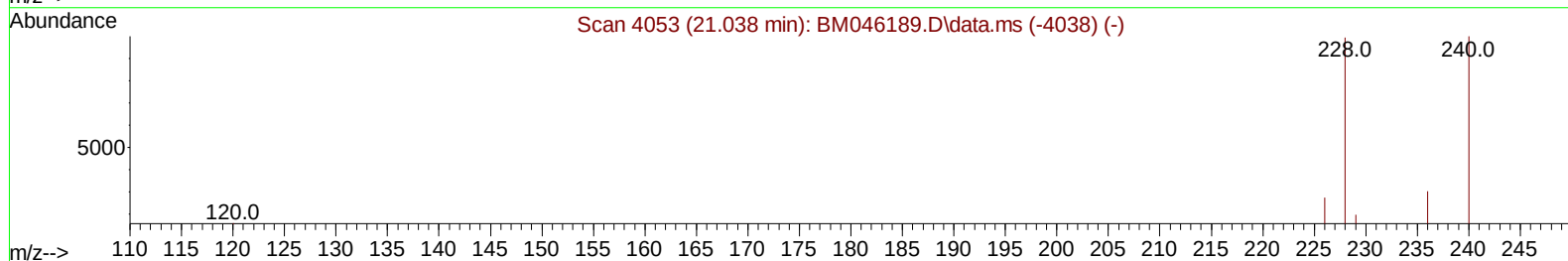
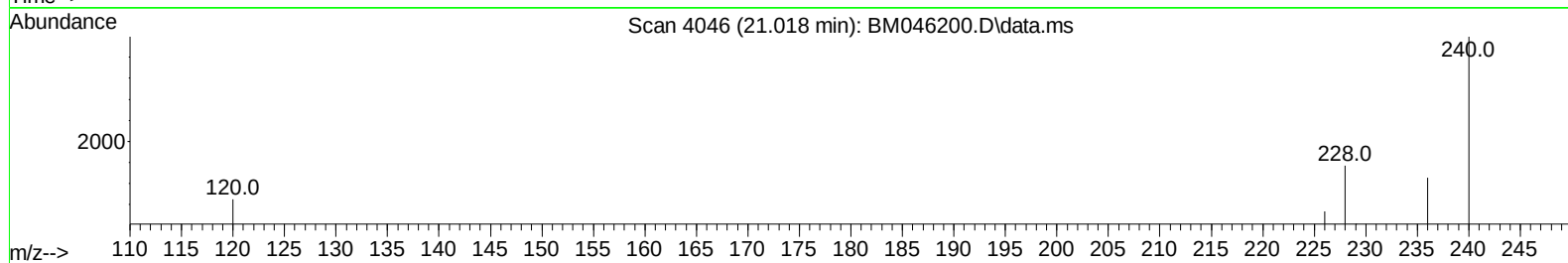
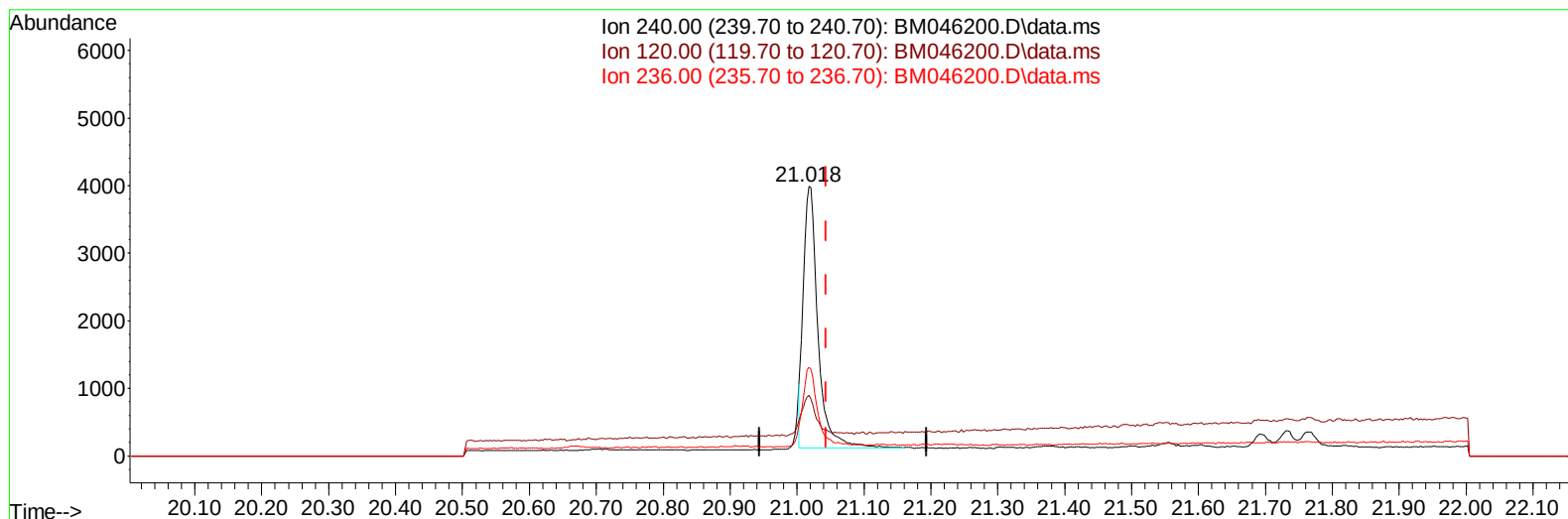
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046200.D\data.ms

(17) Chrysene-d12

21.018min (-0.026) 0.40 ng/u1

response 5908

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.60
236.00	33.60	32.93
0.00	0.00	0.00

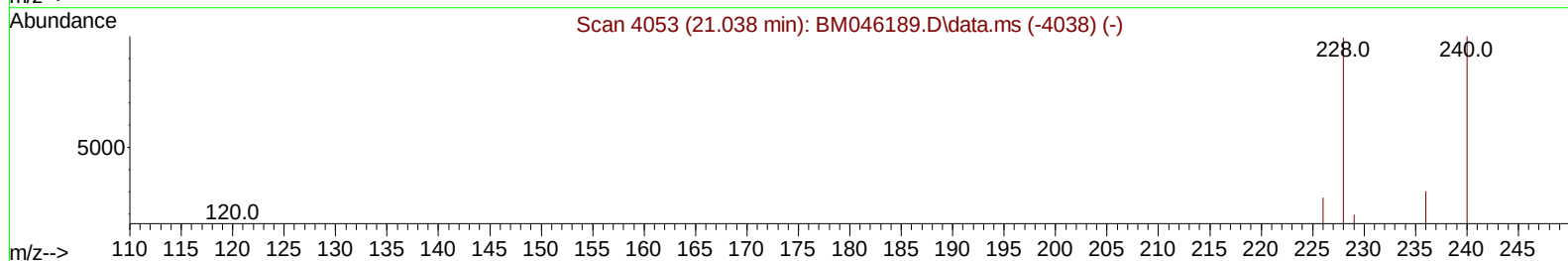
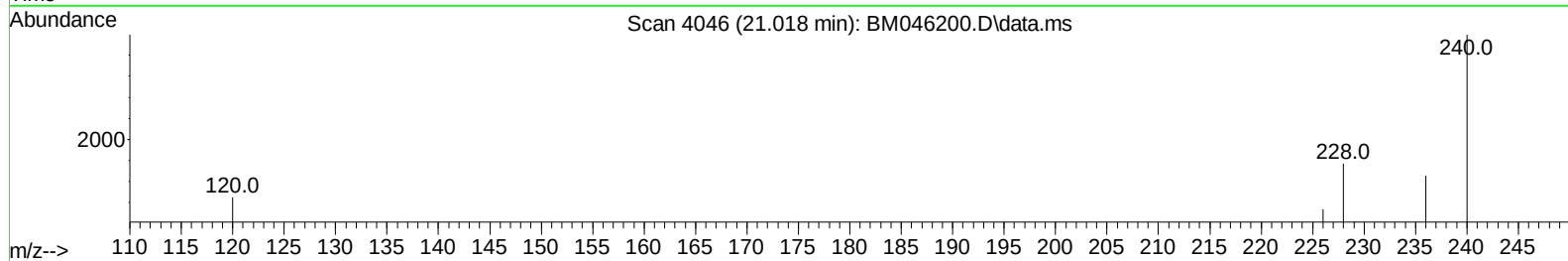
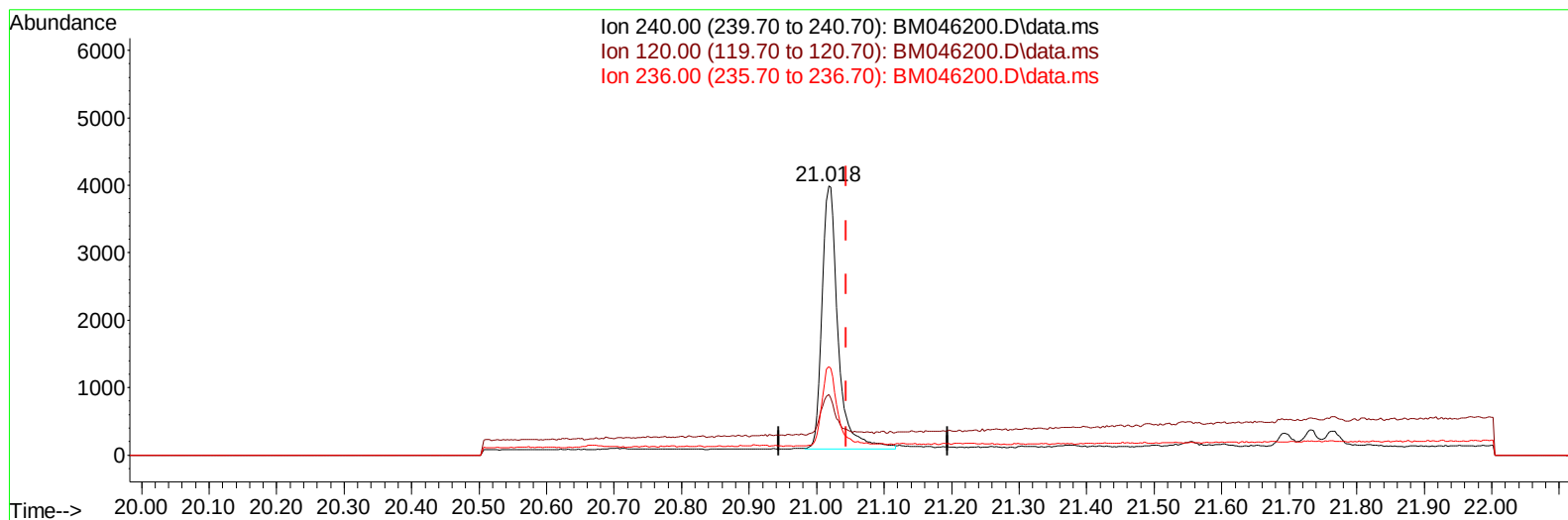
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(17) Chrysene-d12

21.018min (-0.026) 0.40 ng/ul m

response 6423

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.60
236.00	33.60	32.93
0.00	0.00	0.00

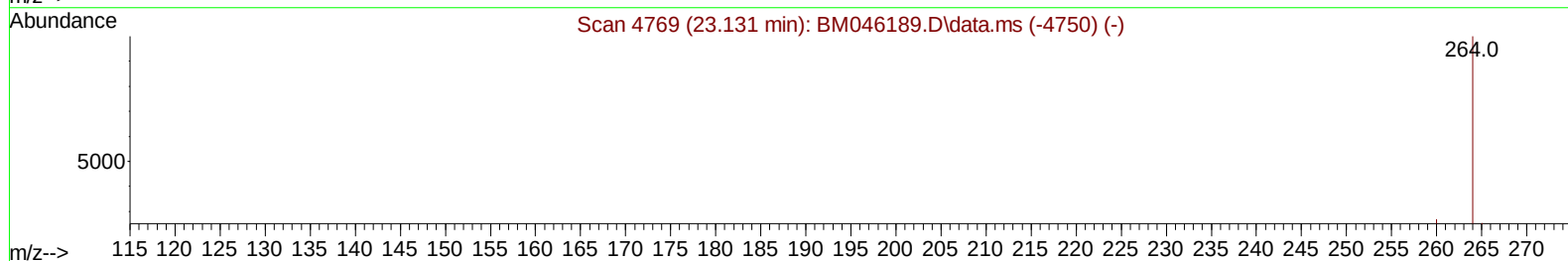
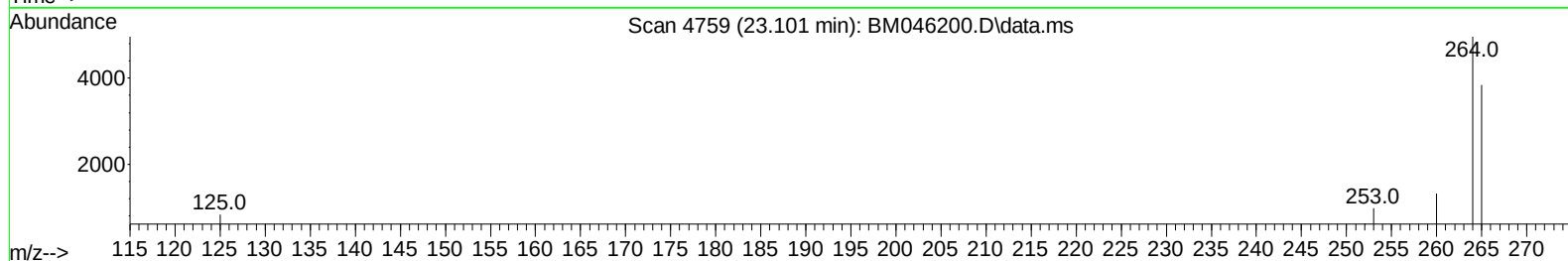
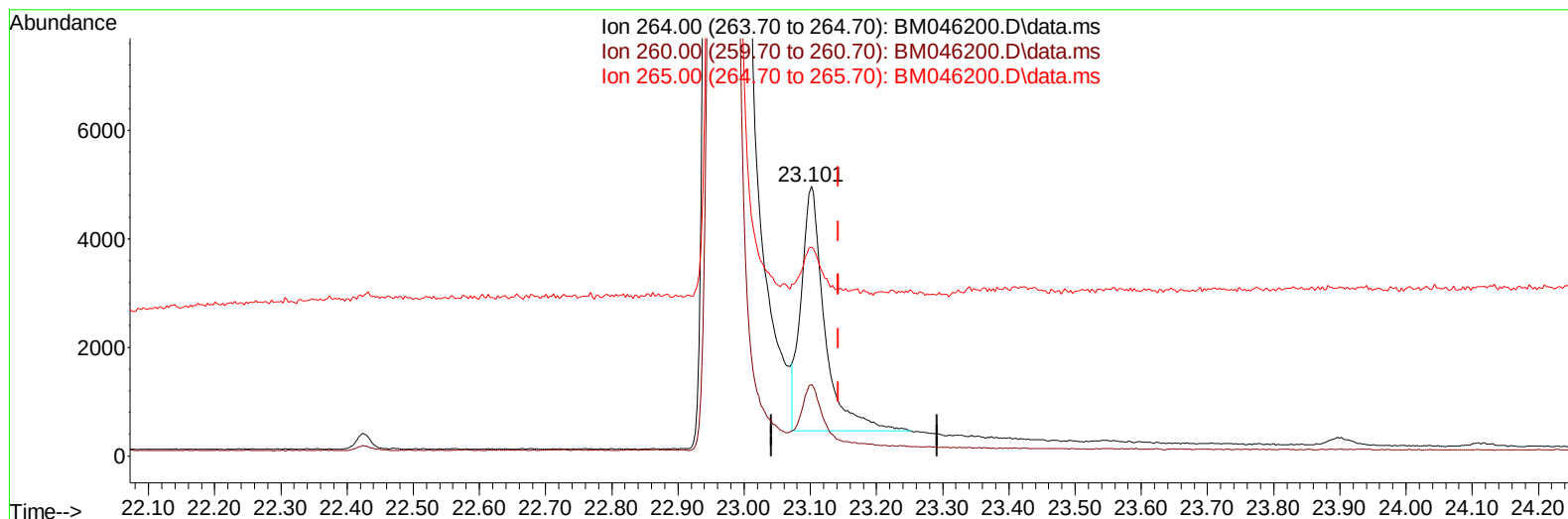
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046200.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/u1

response 11041

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.50
265.00	110.60	77.55#
0.00	0.00	0.00

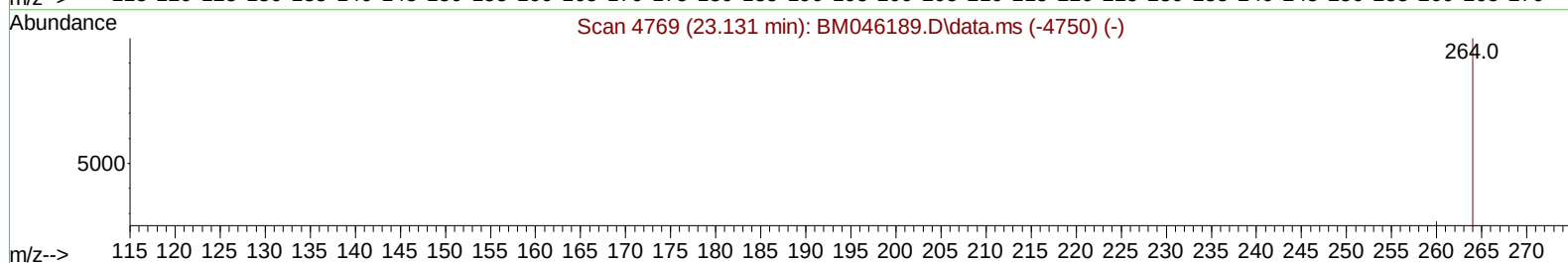
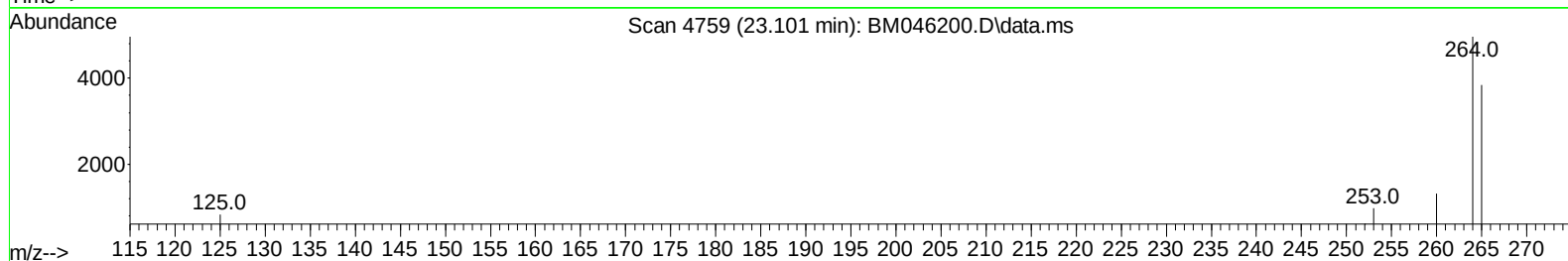
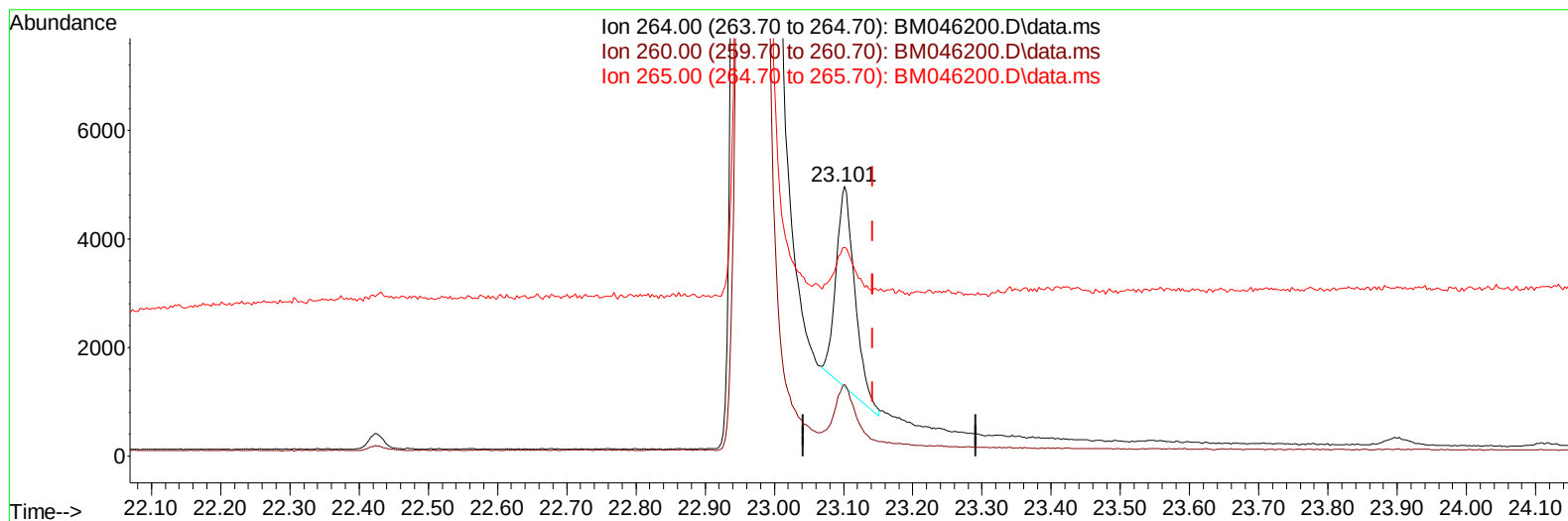
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(23) Perylene-d12 (I)

23.101min (-0.041) 0.40 ng/ul m

response 6867

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.50
265.00	110.60	77.55#
0.00	0.00	0.00

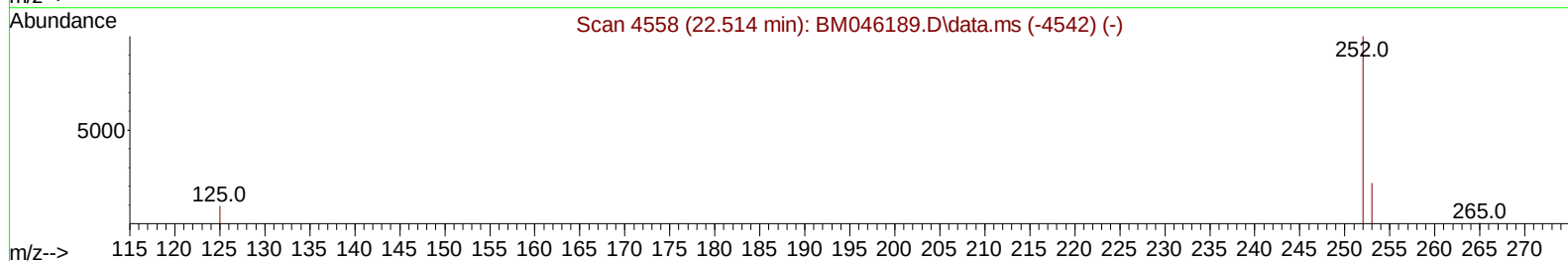
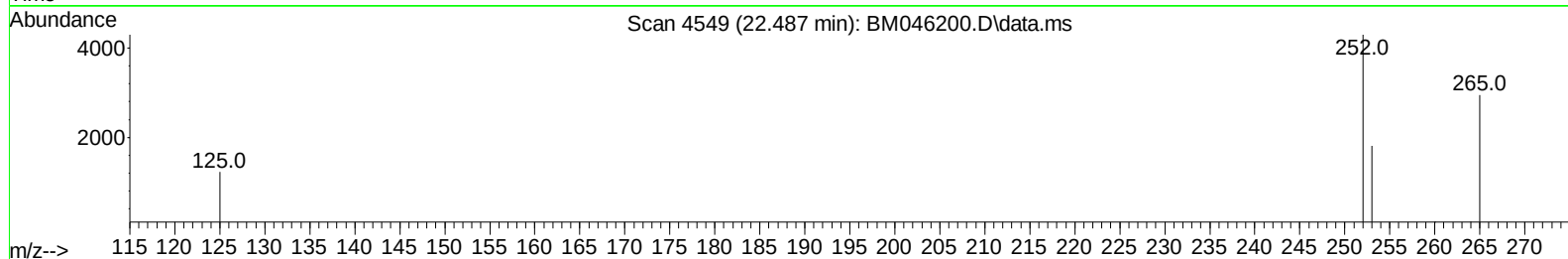
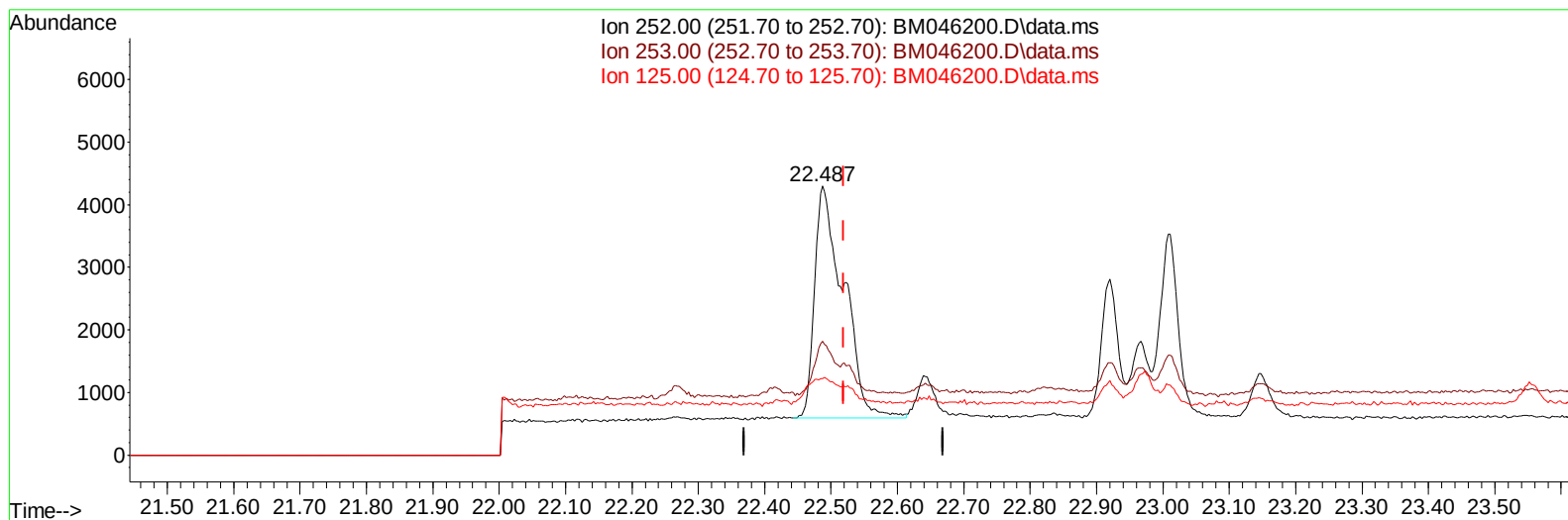
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046200.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 0.45 ng/u1

response 11255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	42.27
125.00	20.10	28.47
0.00	0.00	0.00

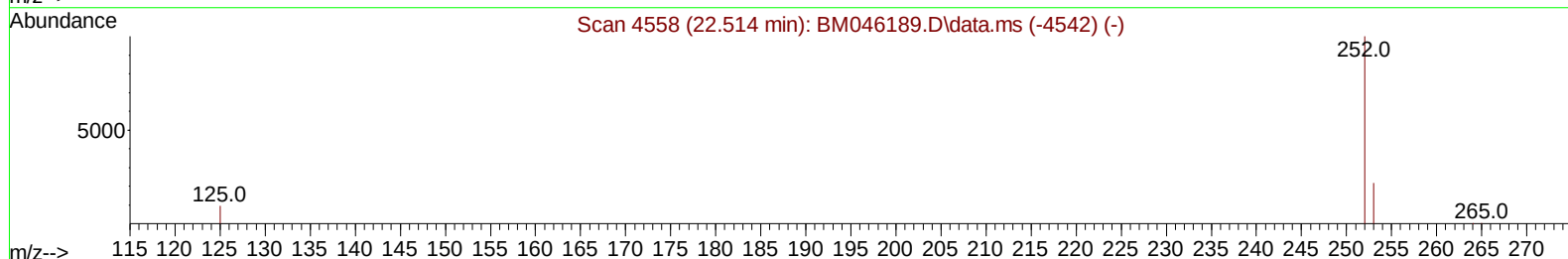
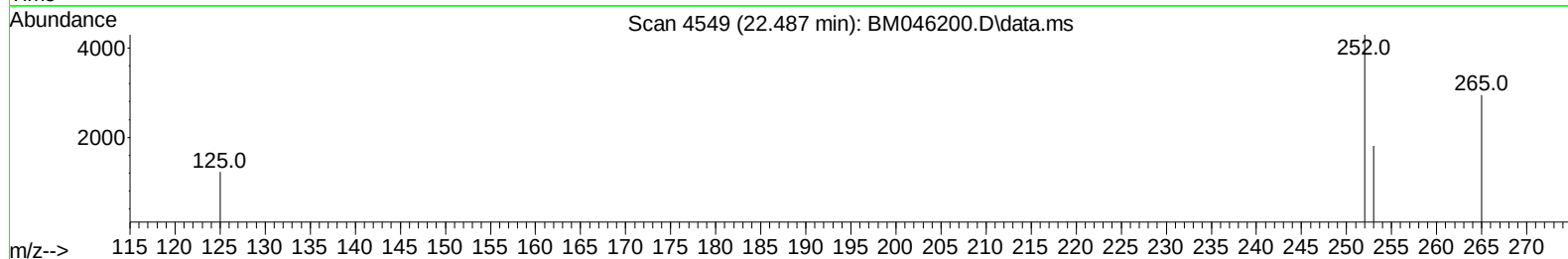
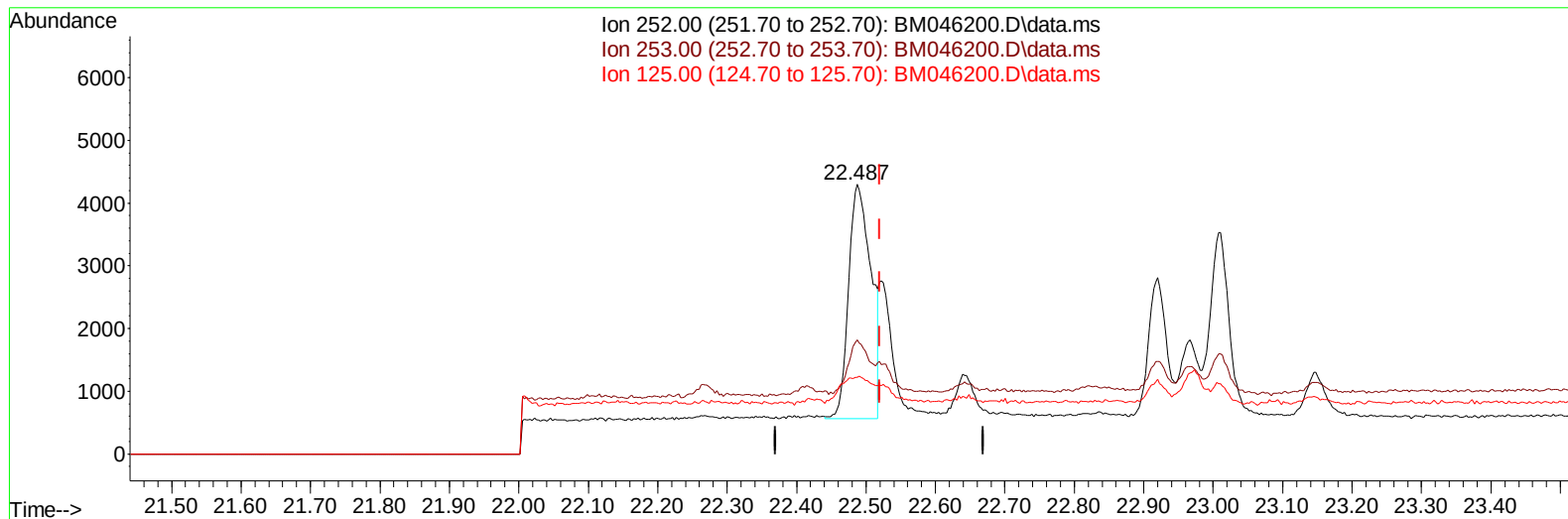
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 0.34 ng/ul m

response 8360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	42.27
125.00	20.10	28.47
0.00	0.00	0.00

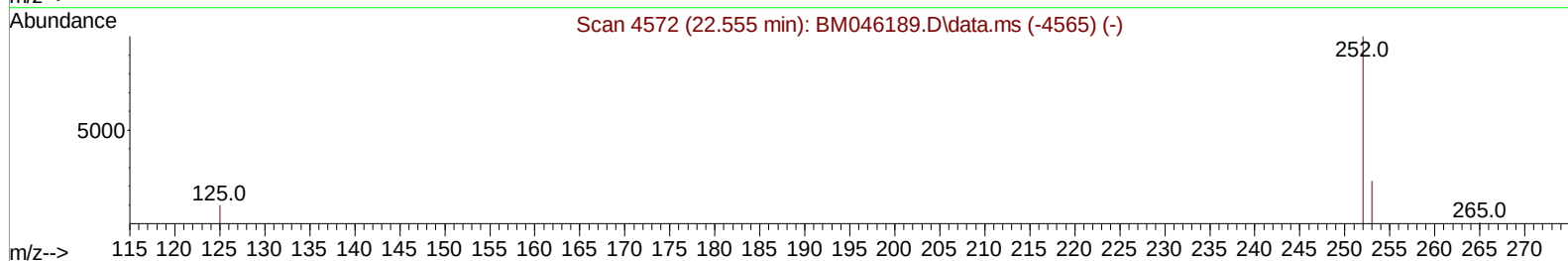
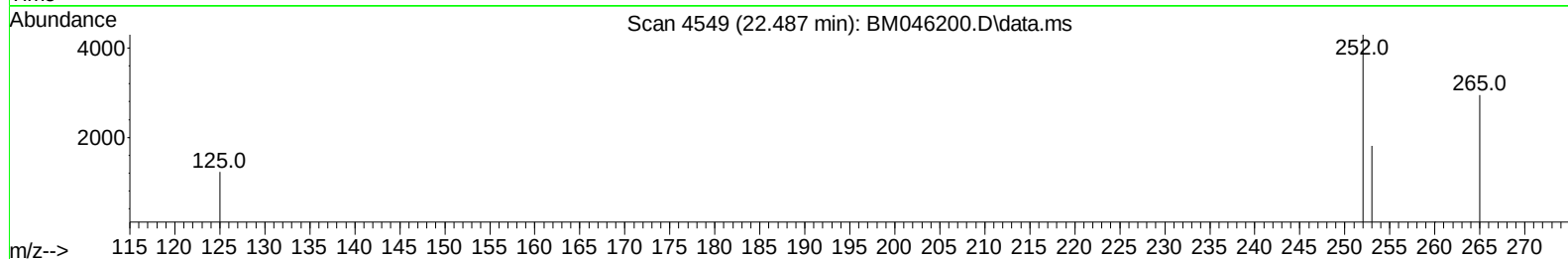
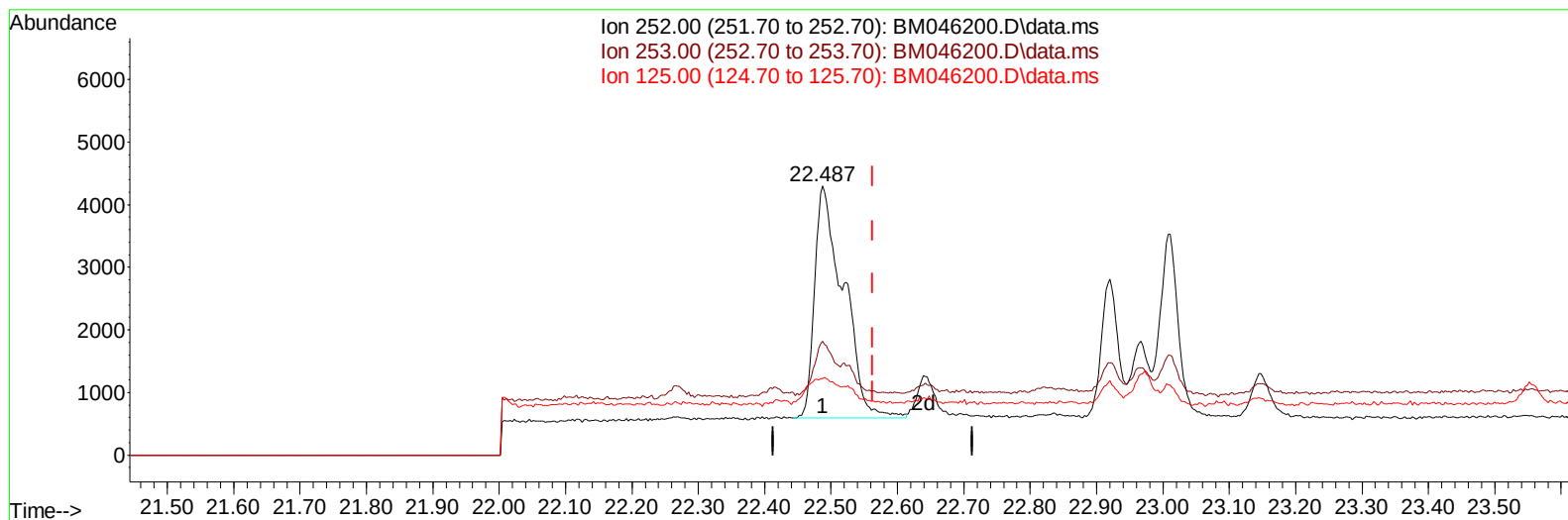
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration



TIC: BM046200.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.076) 0.38 ng/u1

response 11255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	42.27#
125.00	20.80	28.47#
0.00	0.00	0.00

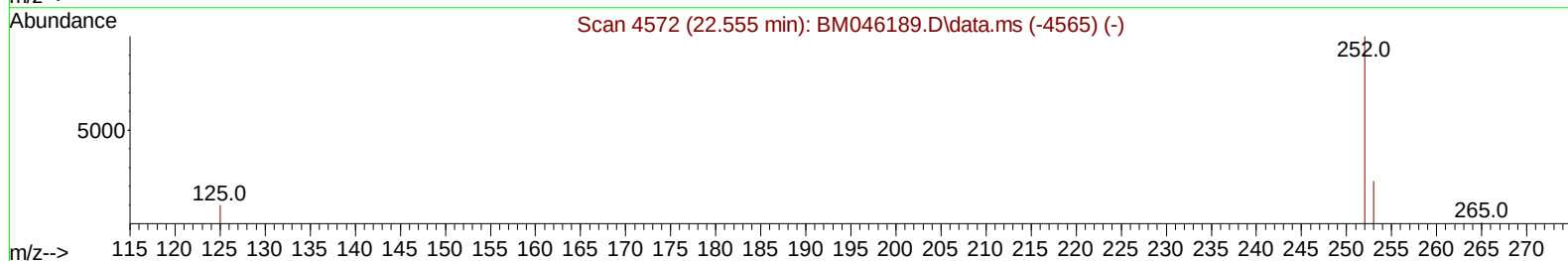
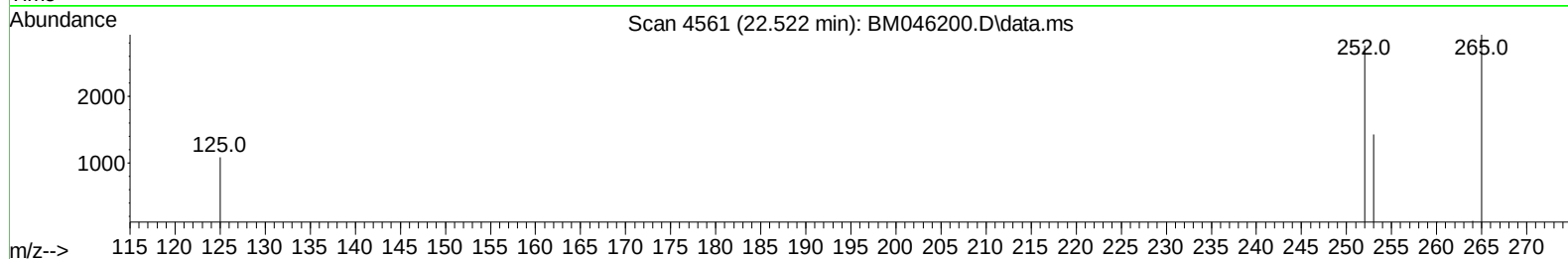
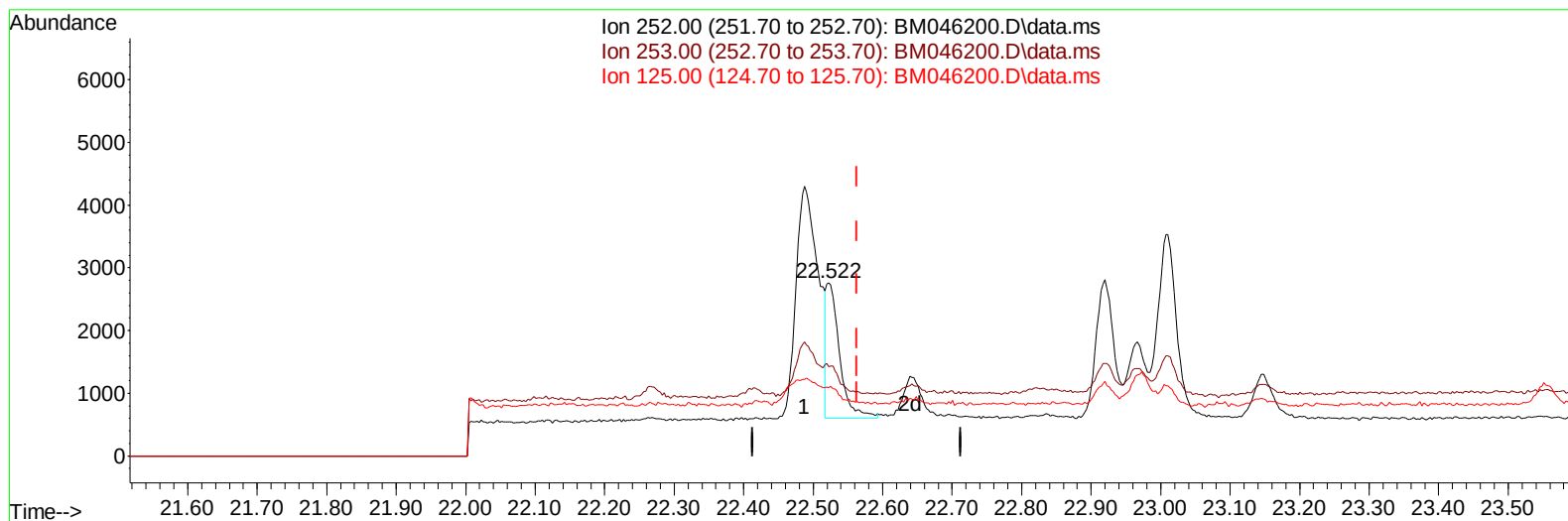
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046200.D
Acq On : 22 Jun 2024 16:28
Operator : MA/JU
Sample : P2775-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C86

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:07:33 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 : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046200.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.041) 0.10 ng/ul m

response 2896

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	51.54#
125.00	20.80	39.27#
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	7.409	152		2357	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.182	136		7225	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.061	164		3960	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.806	188		8312m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240		6423m	0.400	ng/ul	-0.03
23) Perylene-d12	23.101	264		6867m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		11694	3.616	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.810	152		2671	0.275	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212		5484	0.285	ng/ul	-0.04
Target Compounds							
							Qvalue
10) Acenaphthylene	13.779	152		836	0.045	ng/ul#	64
15) Phenanthrene	16.849	178		4953m	0.212	ng/ul	
16) Anthracene	16.937	178		1242m	0.071	ng/ul	
19) Fluoranthene	18.875	202		12382	0.445	ng/ul	98
20) Pyrene	19.233	202		11833	0.393	ng/ul#	95
21) Benzo(a)anthracene	21.003	228		5672	0.229	ng/ul	94
22) Chrysene	21.053	228		5496	0.174	ng/ul	96
24) Benzo(b)fluoranthene	22.487	252		8360m	0.338	ng/ul	
25) Benzo(k)fluoranthene	22.522	252		2896m	0.098	ng/ul	
26) Benzo(a)pyrene	23.008	252		5439	0.237	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.162	276		4253	0.113	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.159	278		999	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	25.783	276		4325	0.134	ng/ul#	84

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

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