

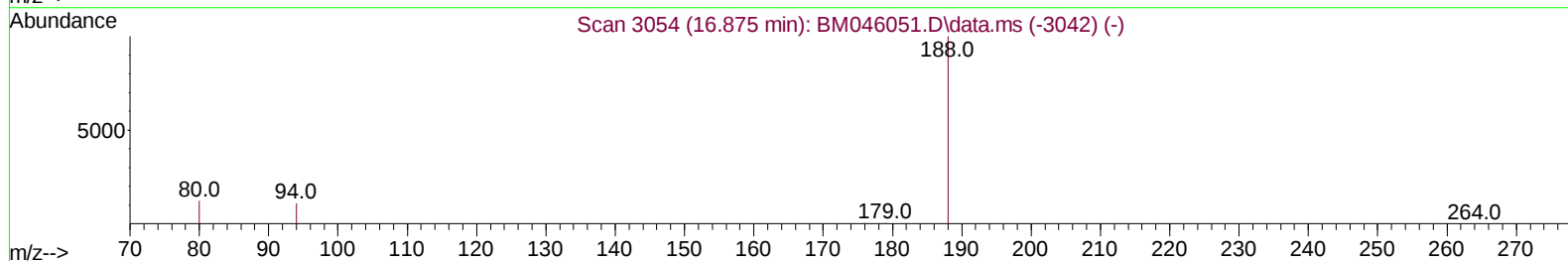
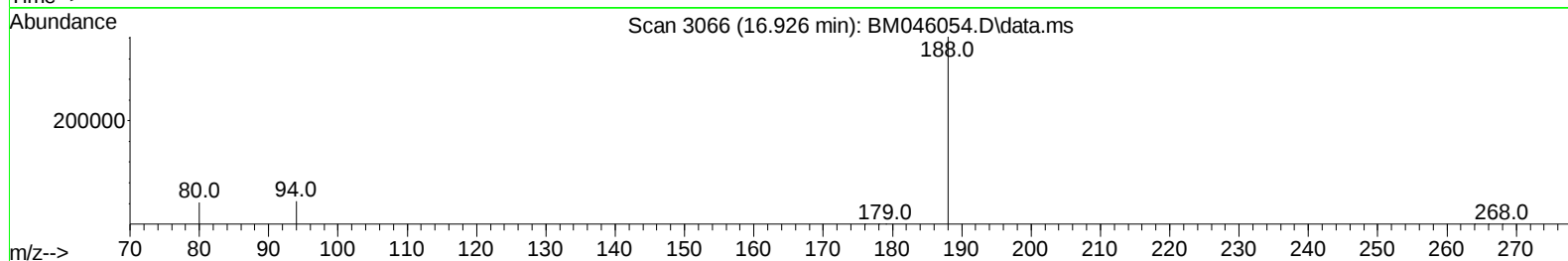
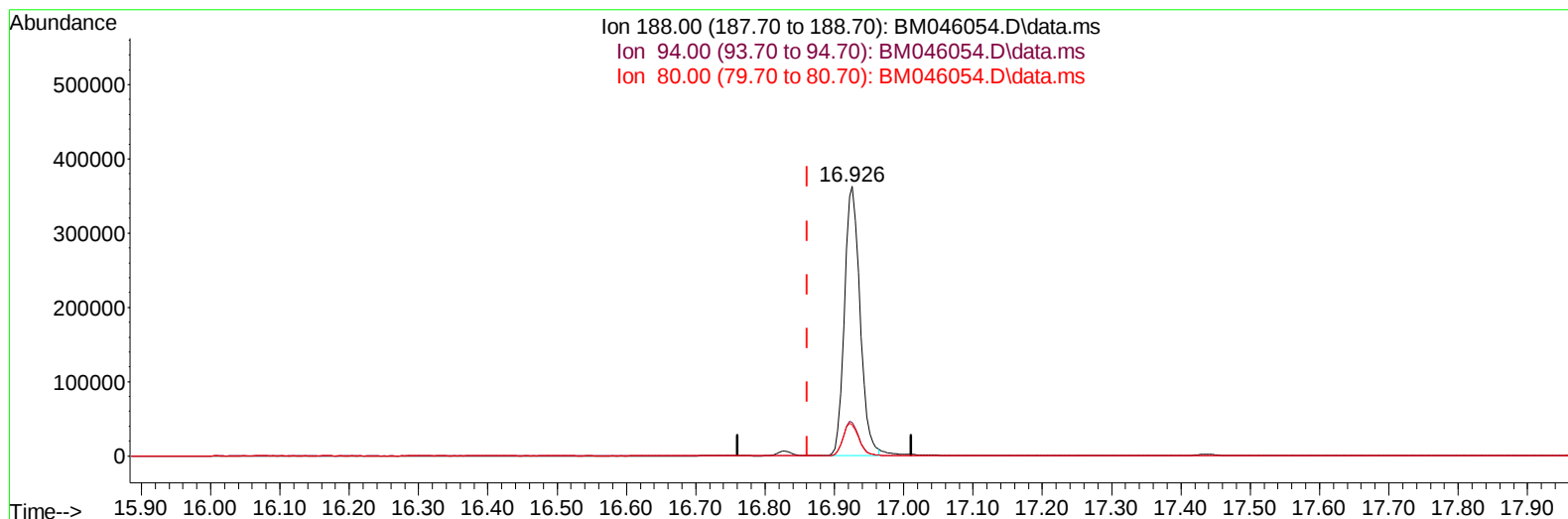
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(13) Phenanthrene-d10 (I)

16.926min (+ 0.065) 0.40 ng/u1

response 566589

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.30
80.00	15.20	11.58#
0.00	0.00	0.00

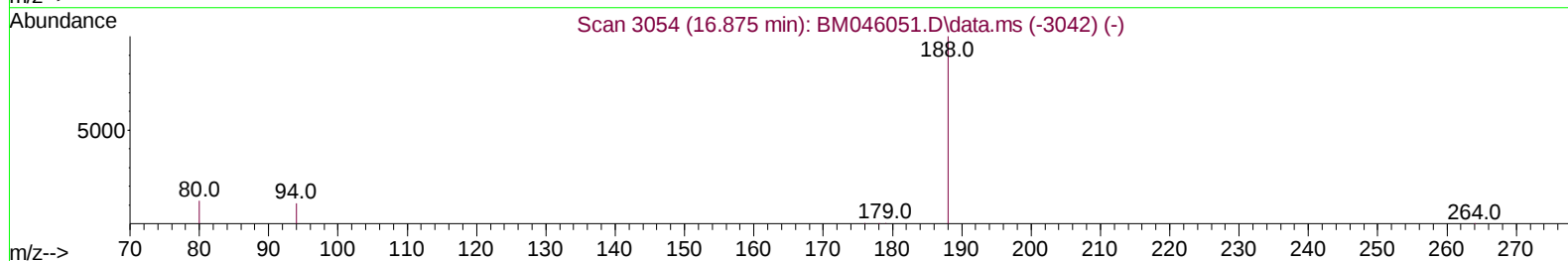
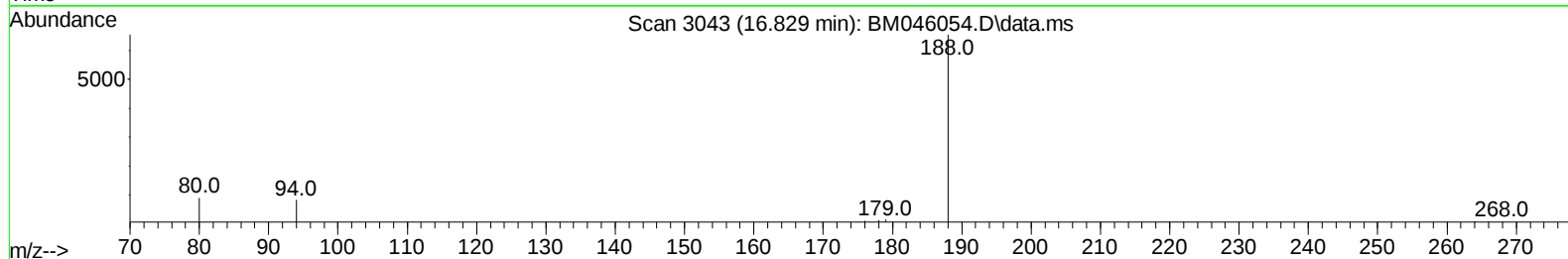
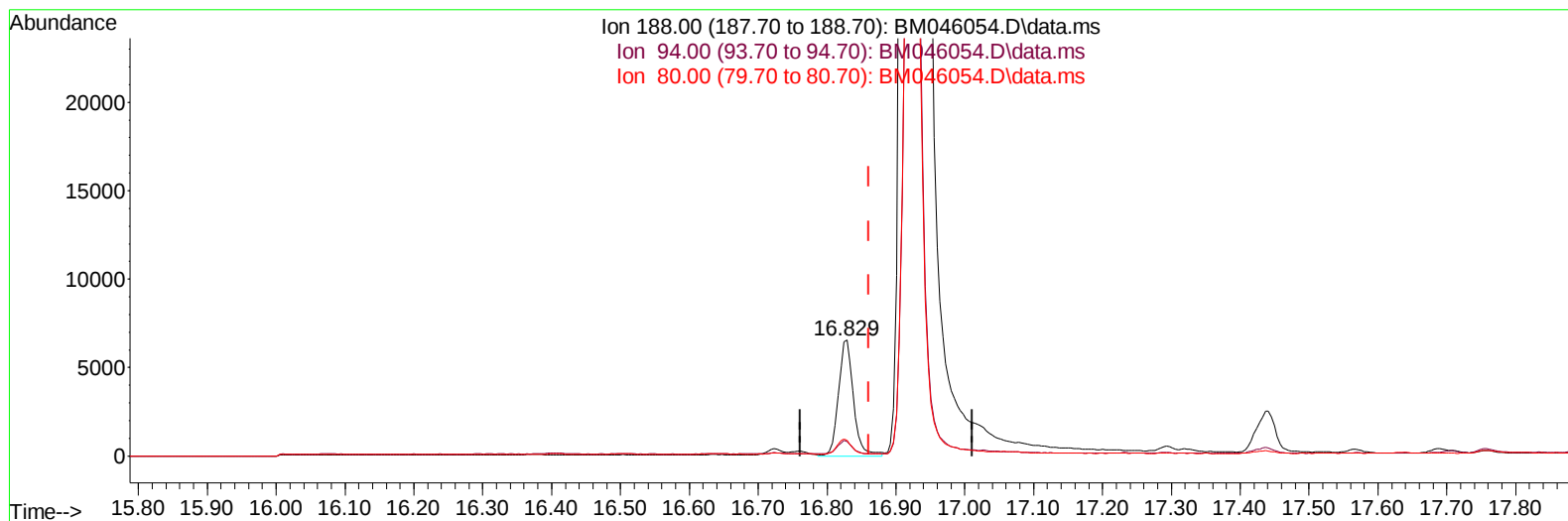
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(13) Phenanthrene-d10 (I)

16.829min (-0.033) 0.40 ng/u1 m

response 9936

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.50
80.00	15.20	13.71
0.00	0.00	0.00

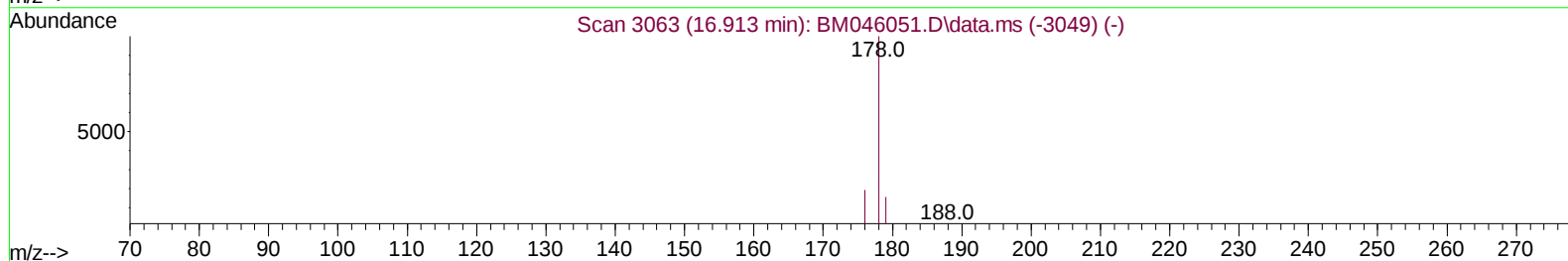
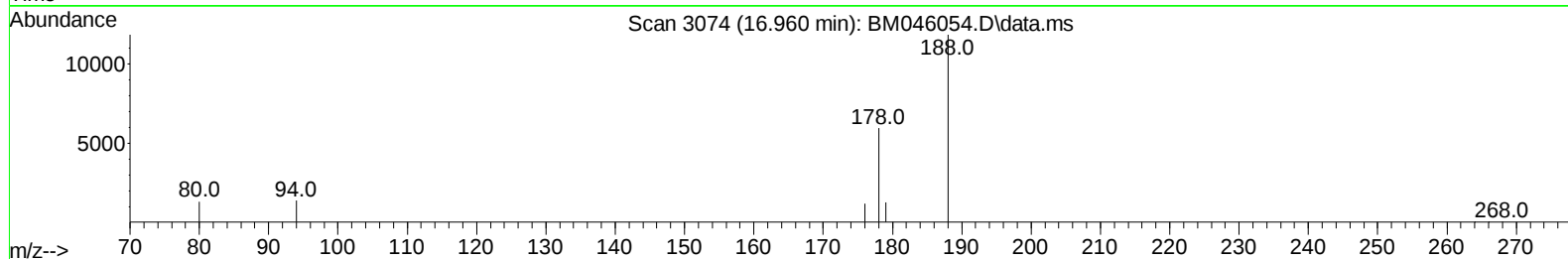
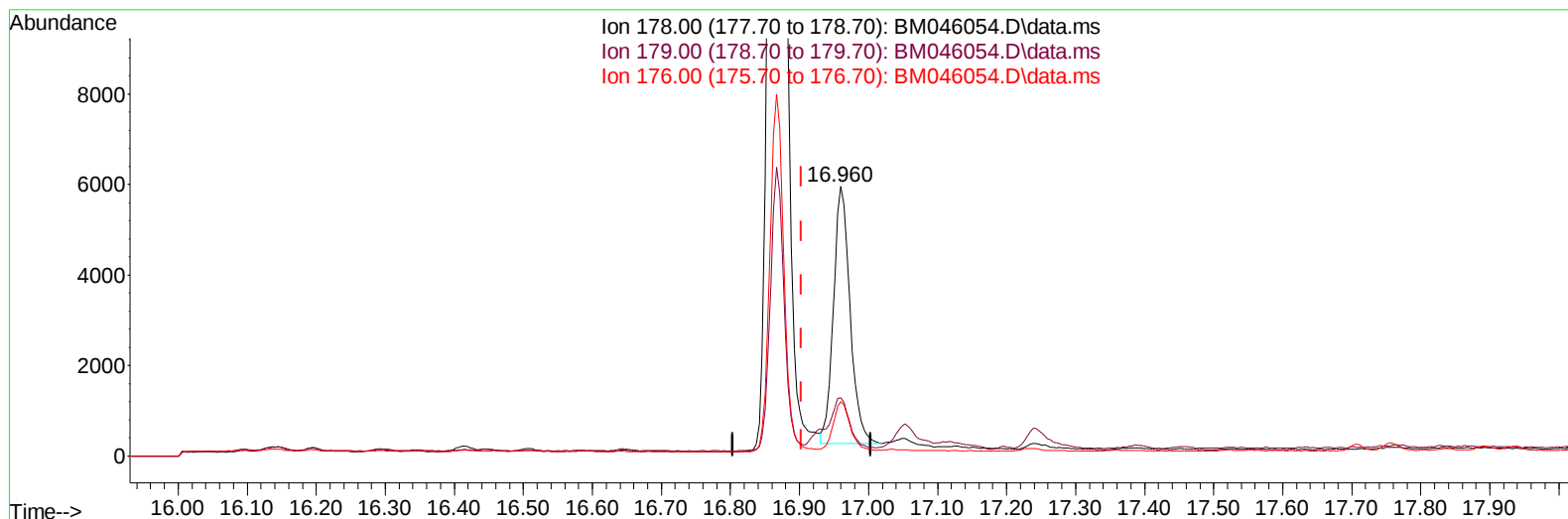
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(15) Phenanthrene

16.960min (+ 0.056) 0.34 ng/u1

response 9440

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.65#
176.00	21.40	20.17
0.00	0.00	0.00

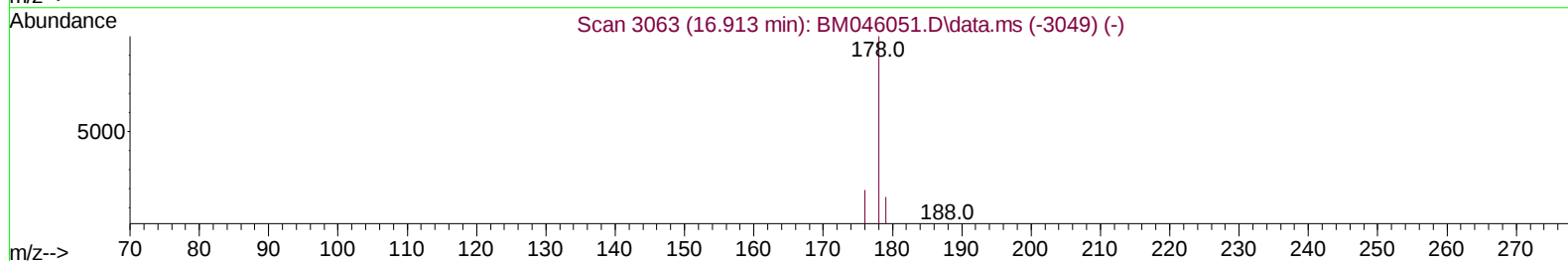
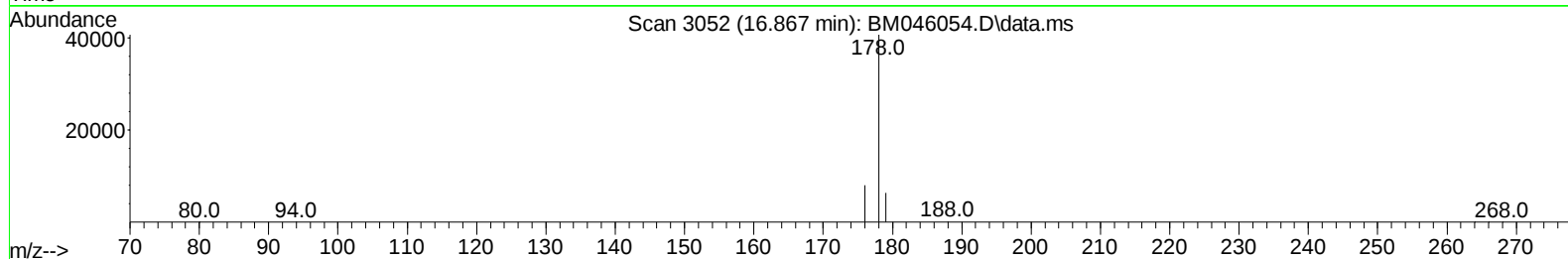
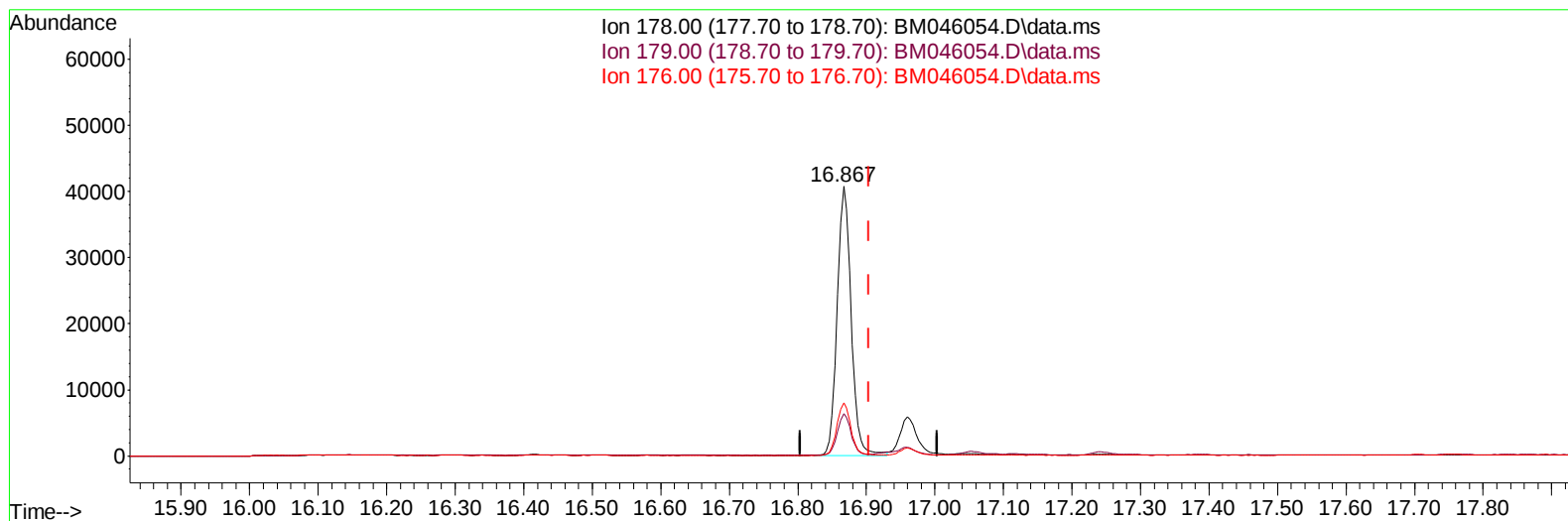
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(15) Phenanthrene

16.867min (-0.037) 2.05 ng/u1 m

response 57300

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.67
176.00	21.40	19.63
0.00	0.00	0.00

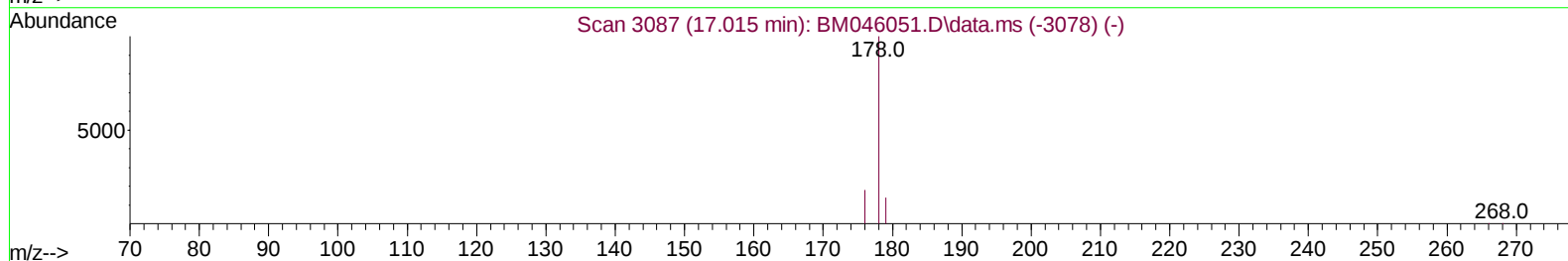
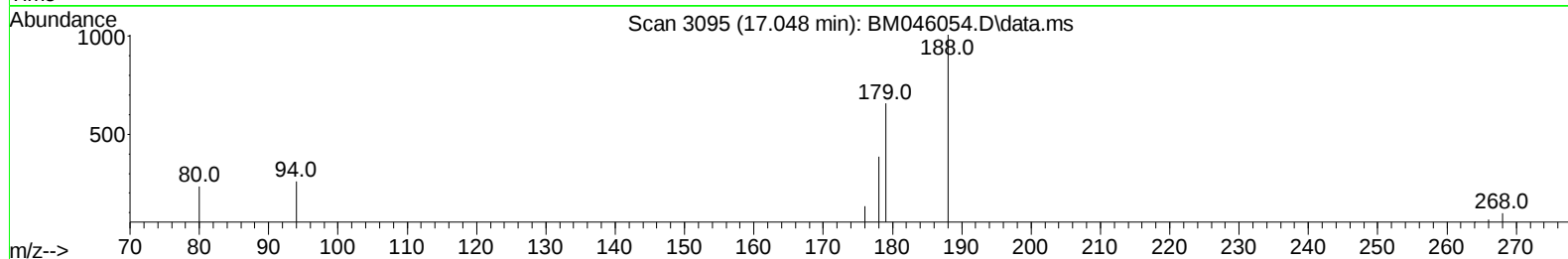
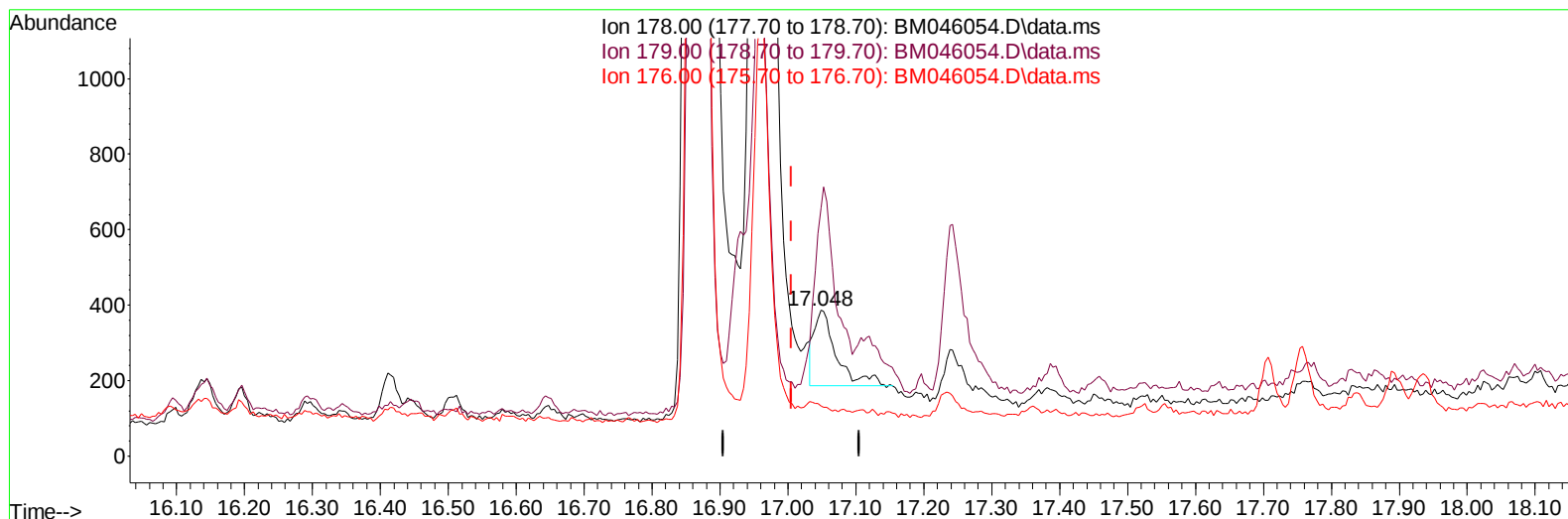
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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
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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(16) Anthracene

17.048min (+ 0.043) 0.02 ng/u1

response 459

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	170.21#
176.00	21.20	34.46#
0.00	0.00	0.00

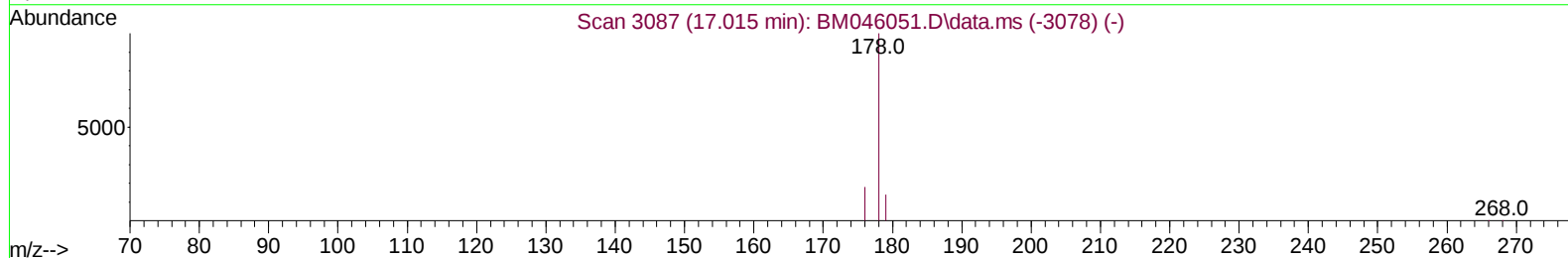
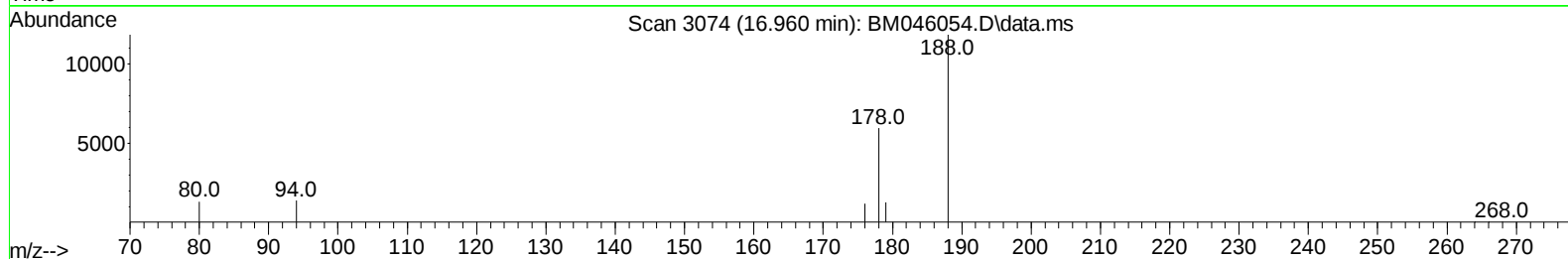
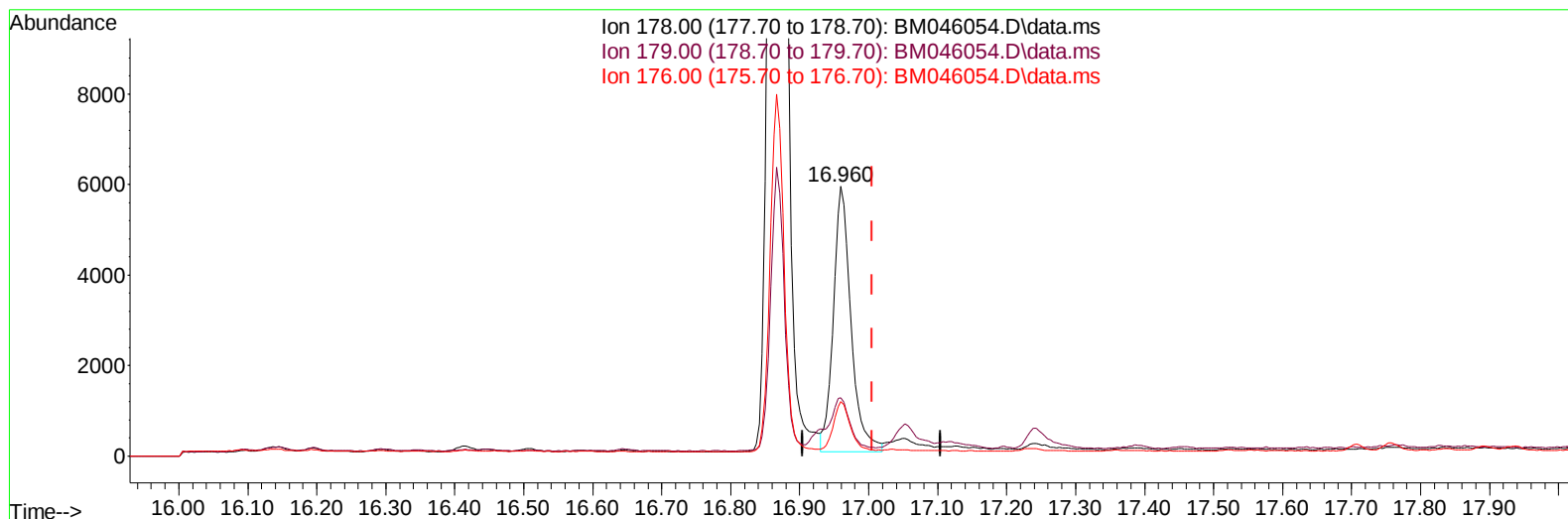
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(16) Anthracene

16.960min (-0.045) 0.50 ng/u1 m

response 10402

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	21.65
176.00	21.20	20.17
0.00	0.00	0.00

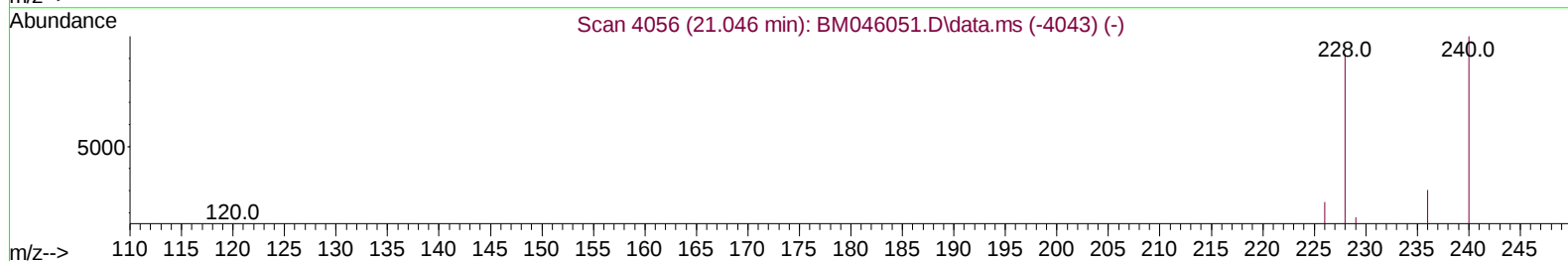
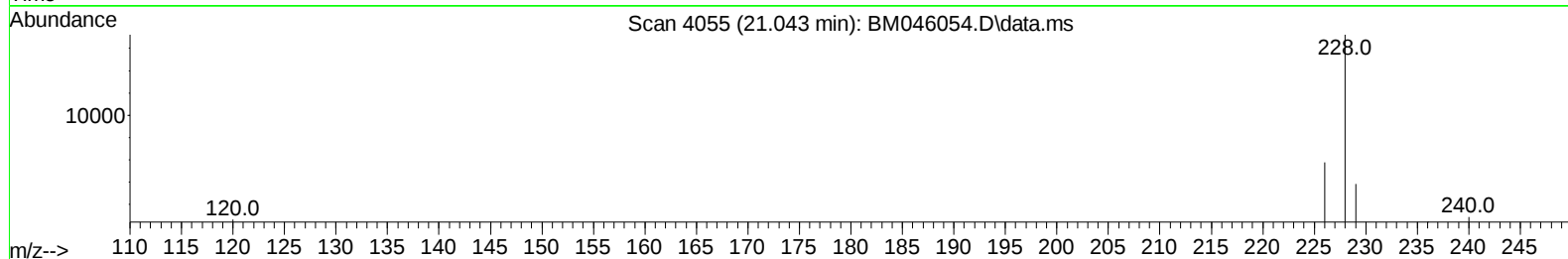
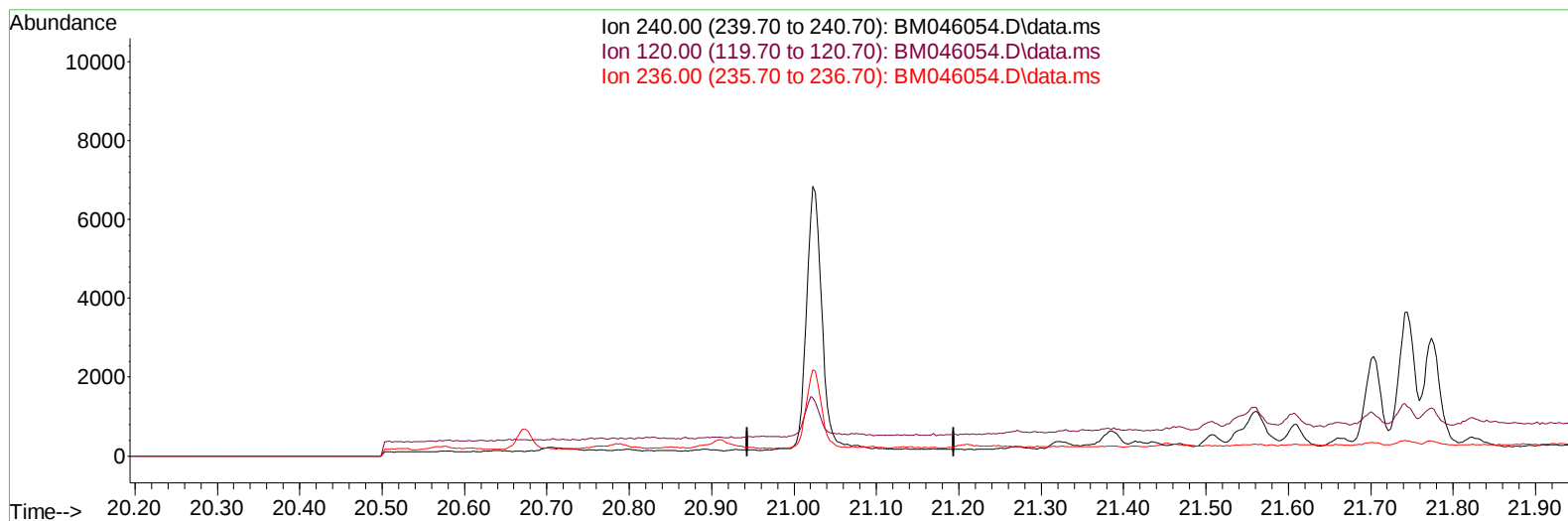
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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
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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.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

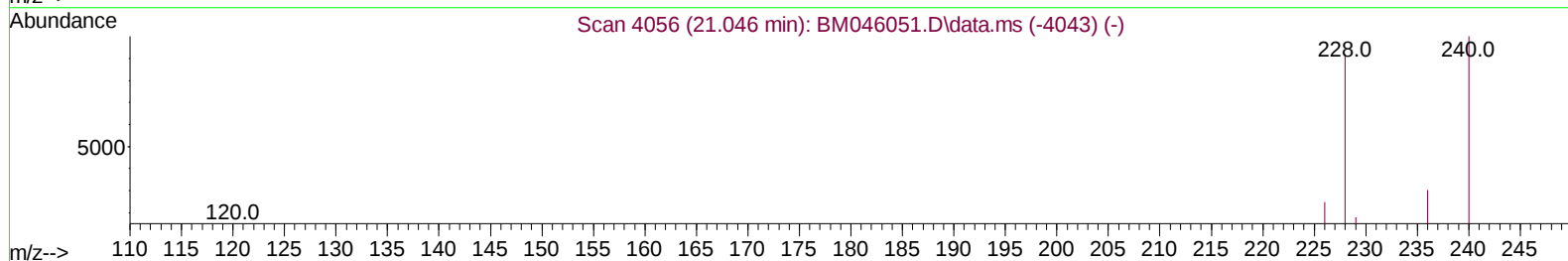
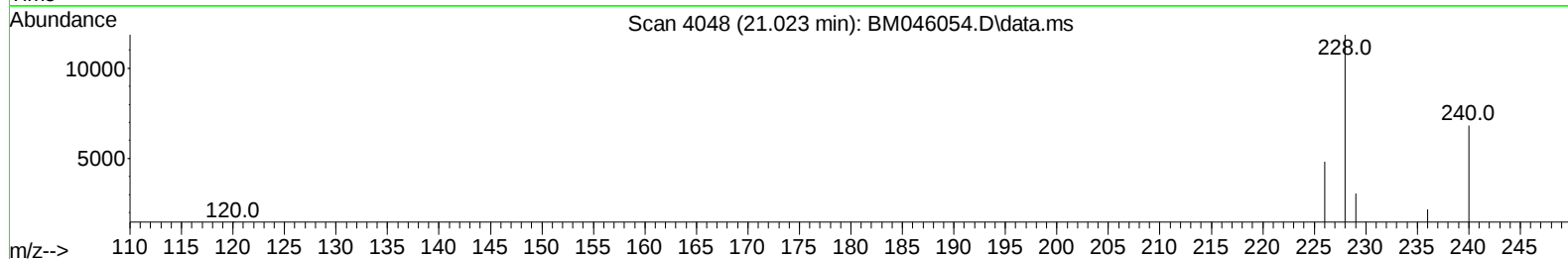
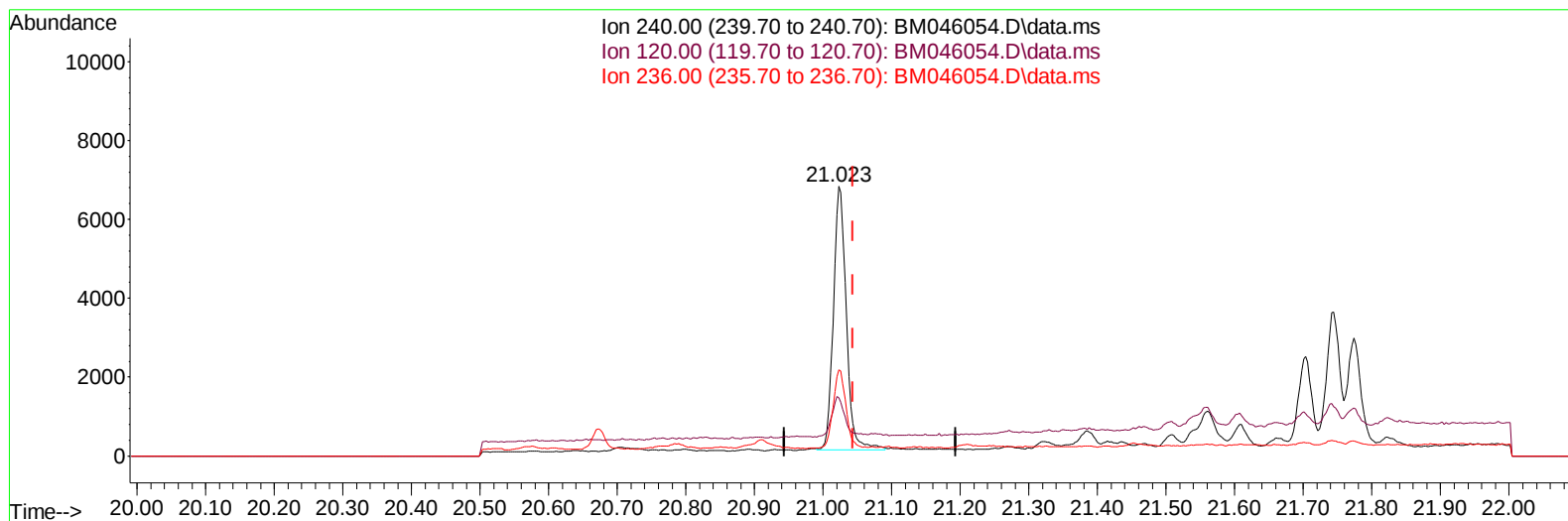
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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

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Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(17) Chrysene-d12

21.023min (-0.021) 0.40 ng/ul m

response 8698

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.66
236.00	33.60	31.89
0.00	0.00	0.00

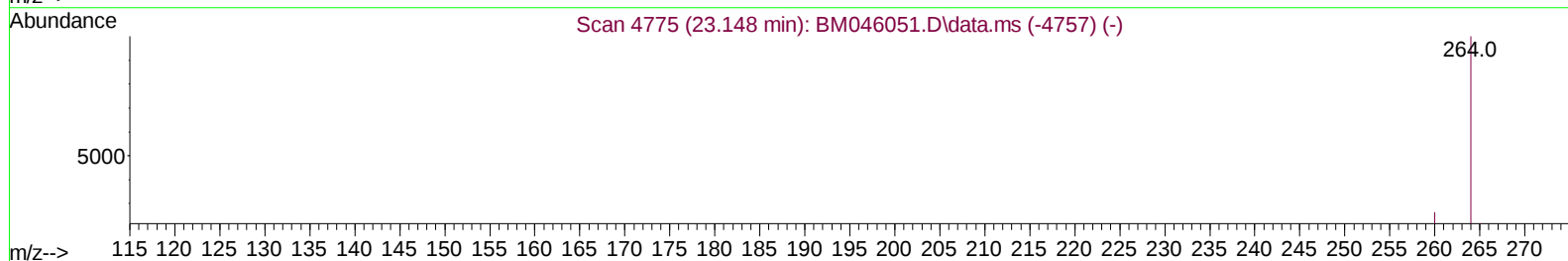
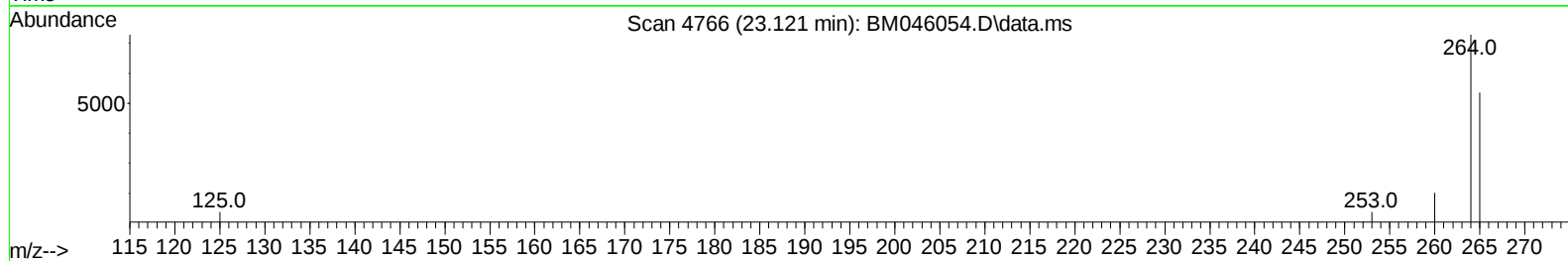
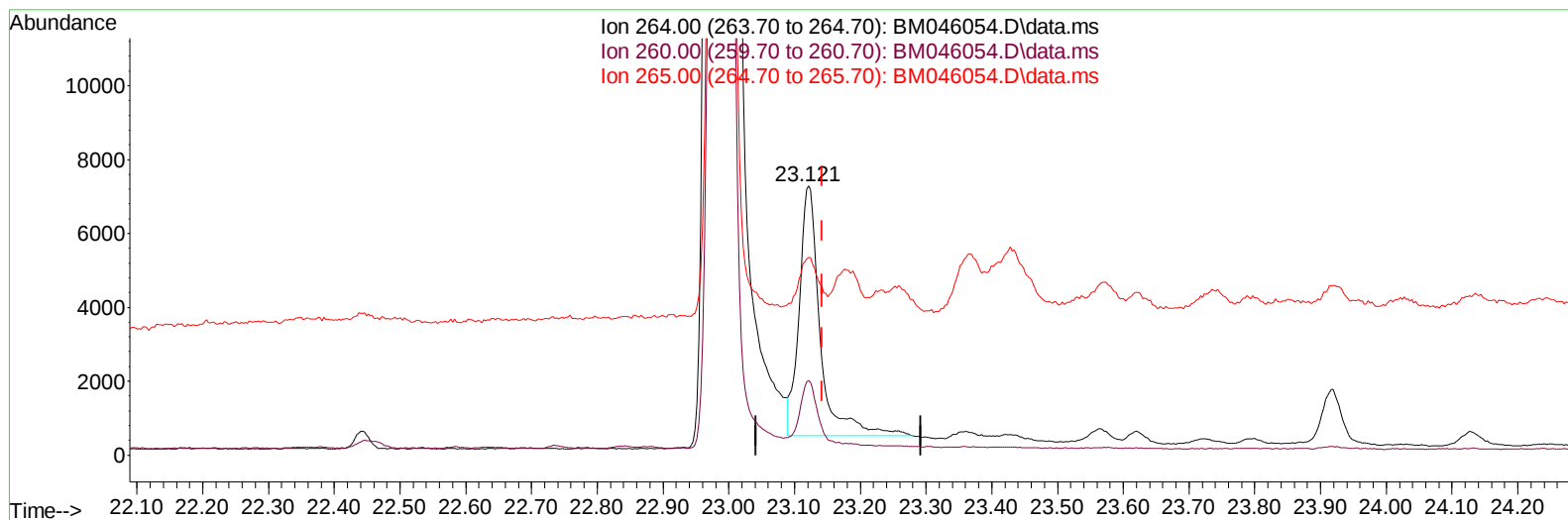
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046054.D\data.ms

(23) Perylene-d12 (I)

23.121min (-0.021) 0.40 ng/u1

response 15237

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.62
265.00	110.60	73.43#
0.00	0.00	0.00

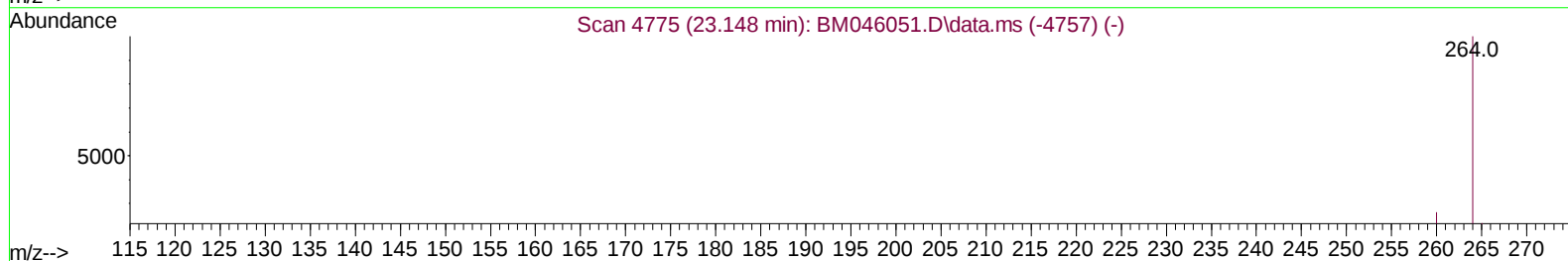
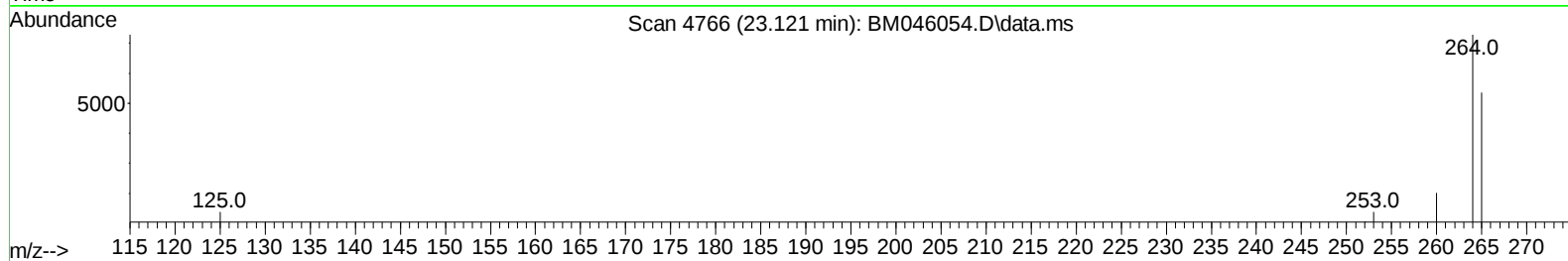
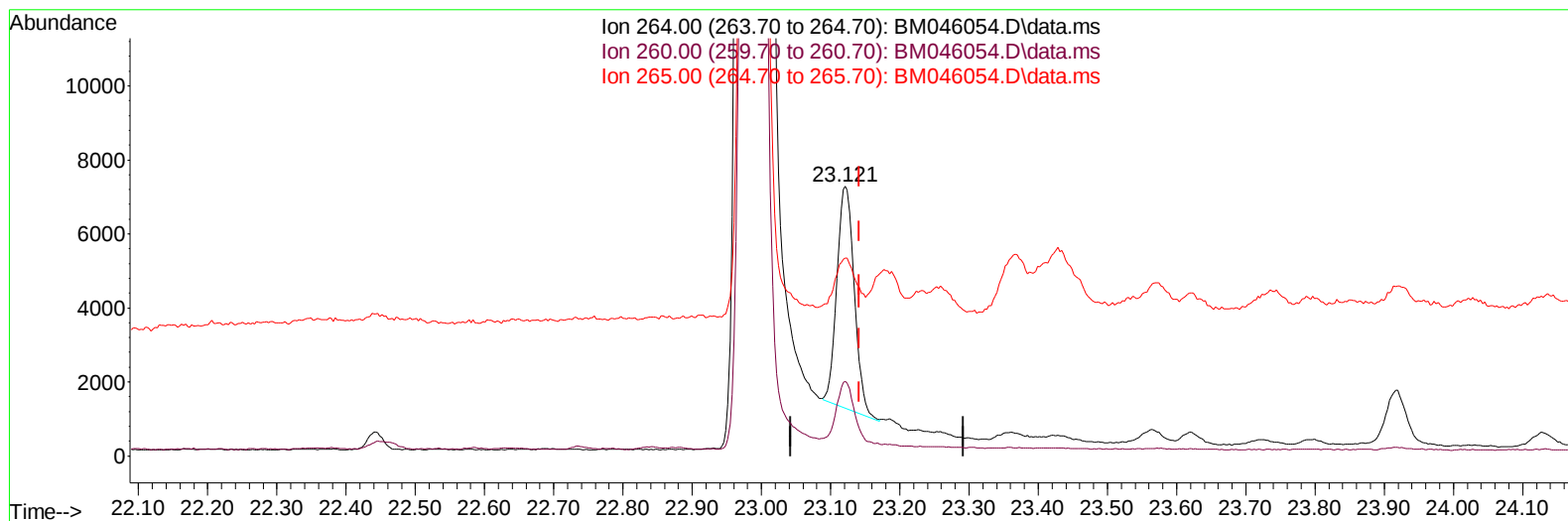
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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
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TIC: BM046054.D\data.ms

(23) Perylene-d12 (I)

23.121min (-0.021) 0.40 ng/ul m

response 10410

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.62
265.00	110.60	73.43#
0.00	0.00	0.00

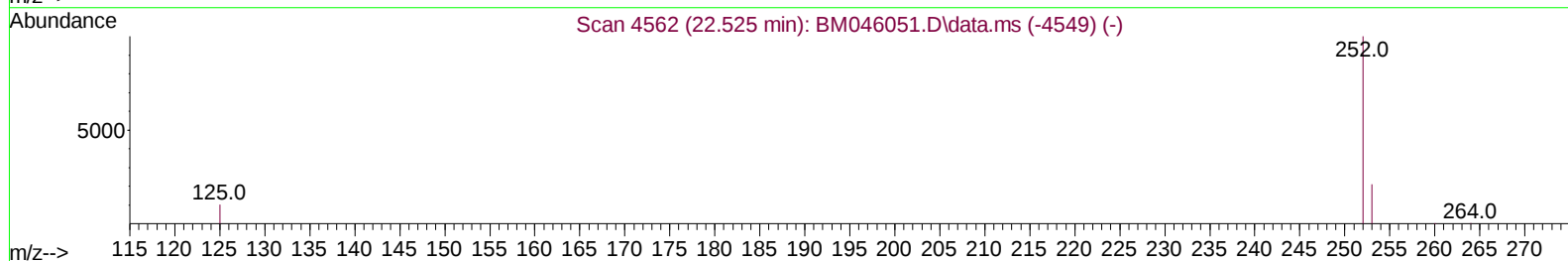
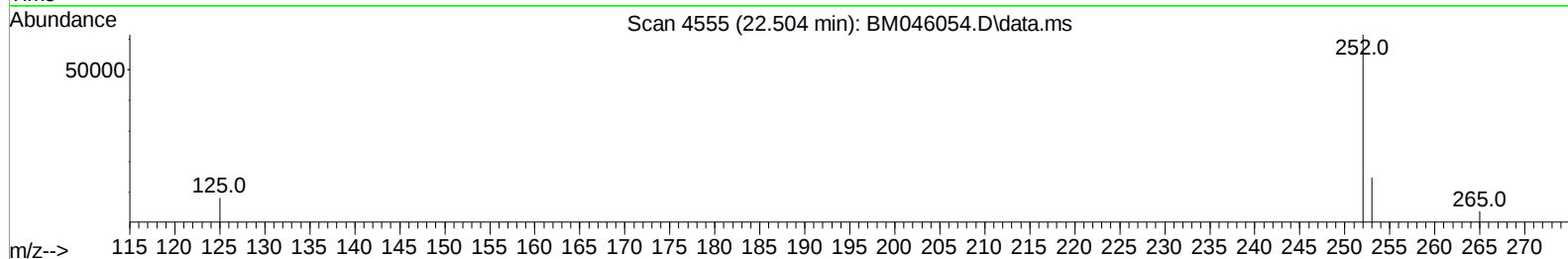
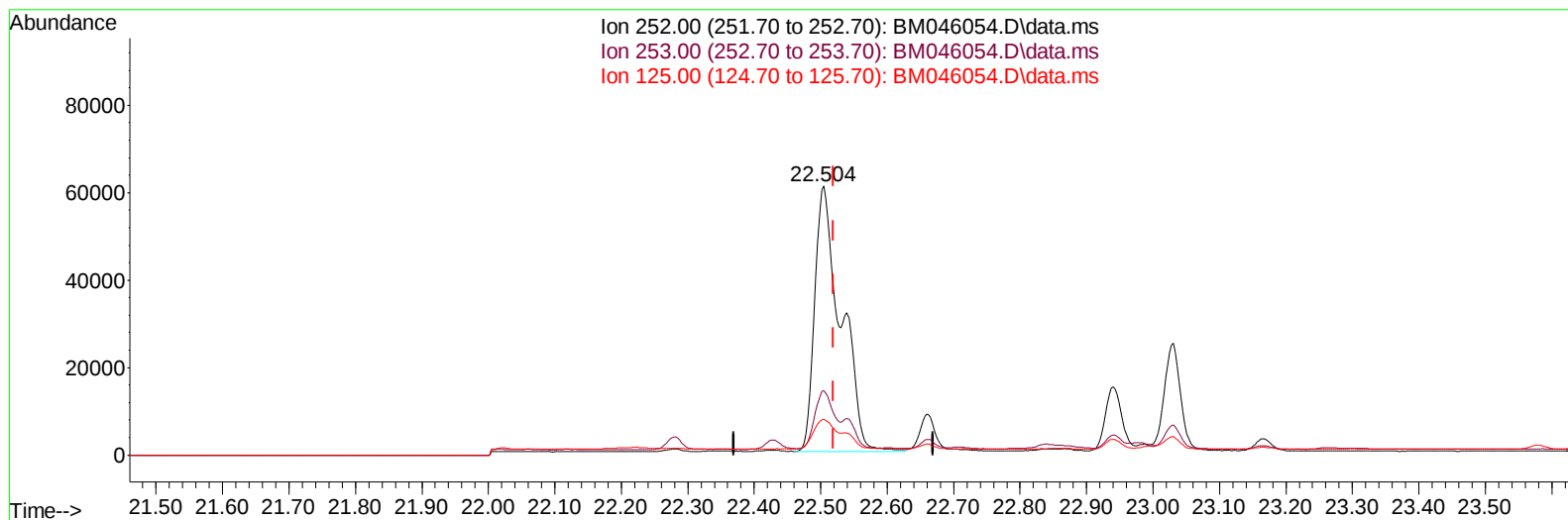
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046054.D\data.ms

(24) Benzo(b)fluoranthene

22.504min (-0.015) 4.40 ng/u1

response 164960

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.01
125.00	20.10	13.27
0.00	0.00	0.00

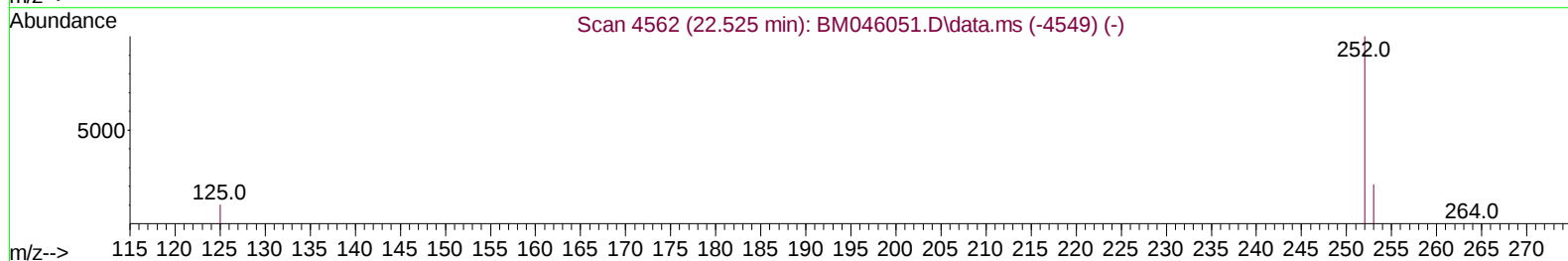
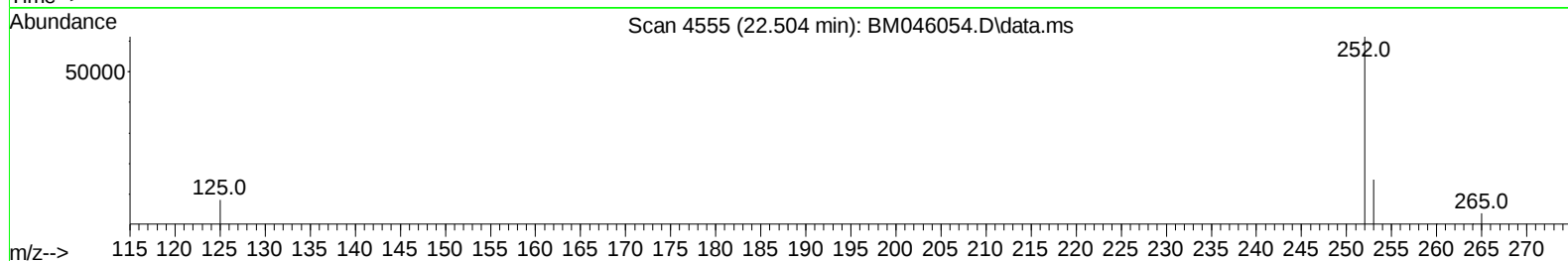
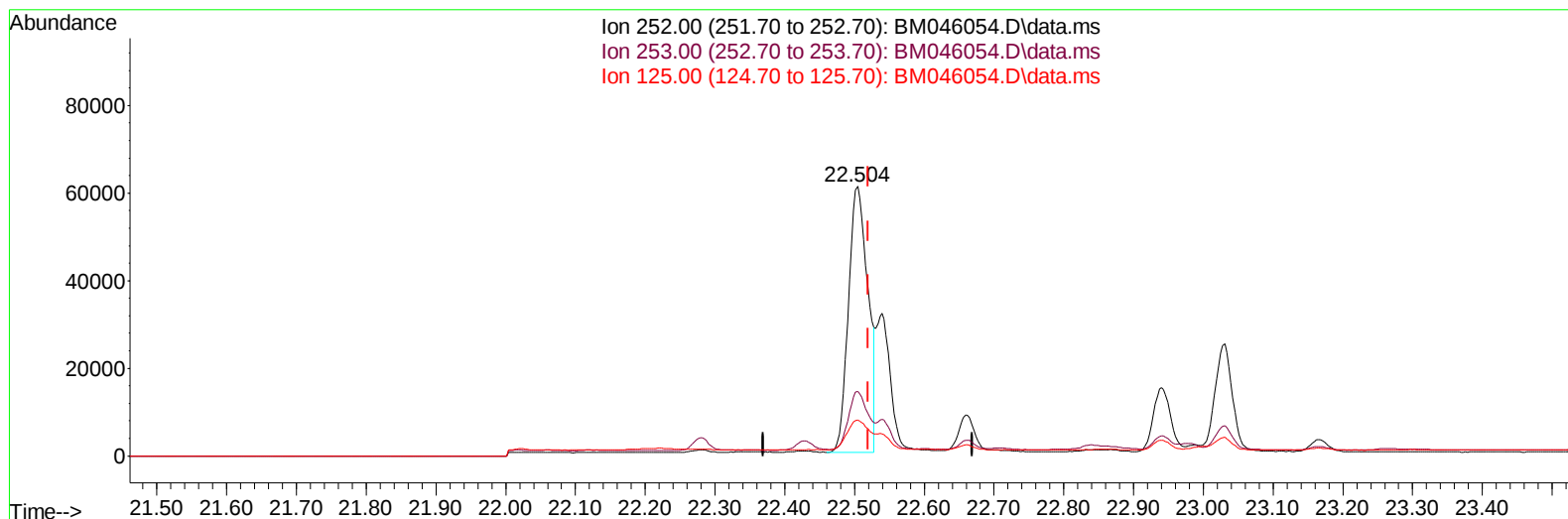
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 17:32:57 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



TIC: BM046054.D\data.ms

(24) Benzo(b)fluoranthene

22.504min (-0.015) 3.16 ng/u1 m

response 118425

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.01
125.00	20.10	13.27
0.00	0.00	0.00

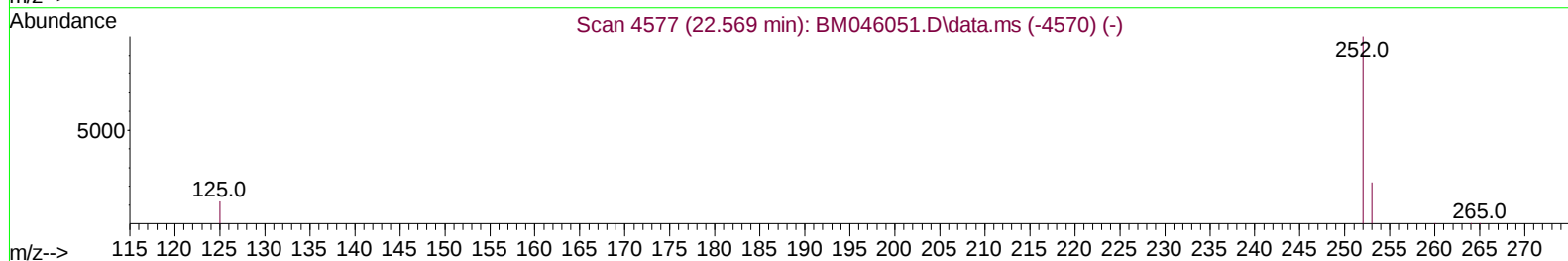
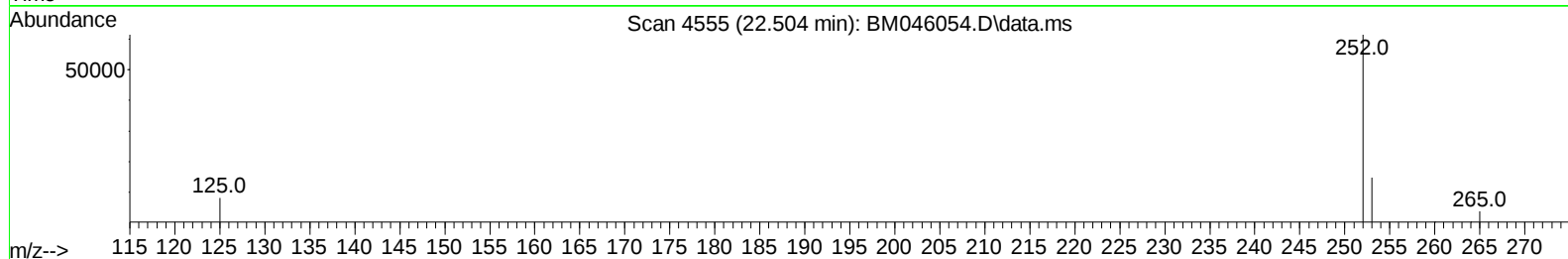
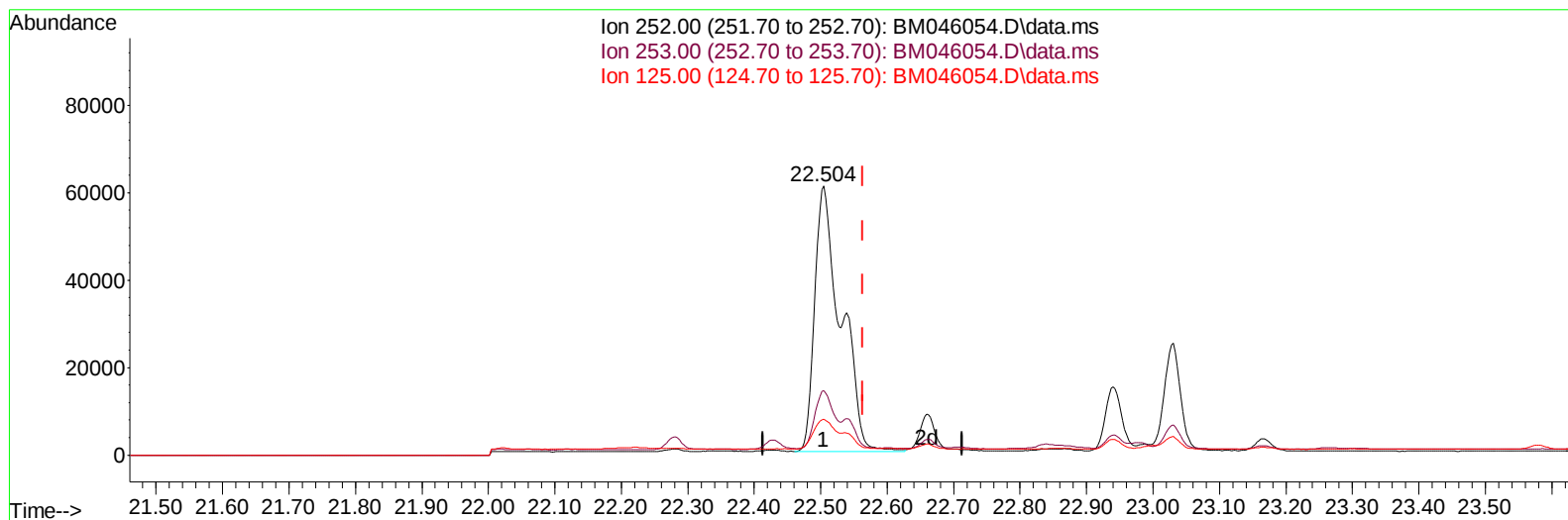
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046054.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.059) 3.70 ng/u1

response 164960

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.01#
125.00	20.80	13.27#
0.00	0.00	0.00

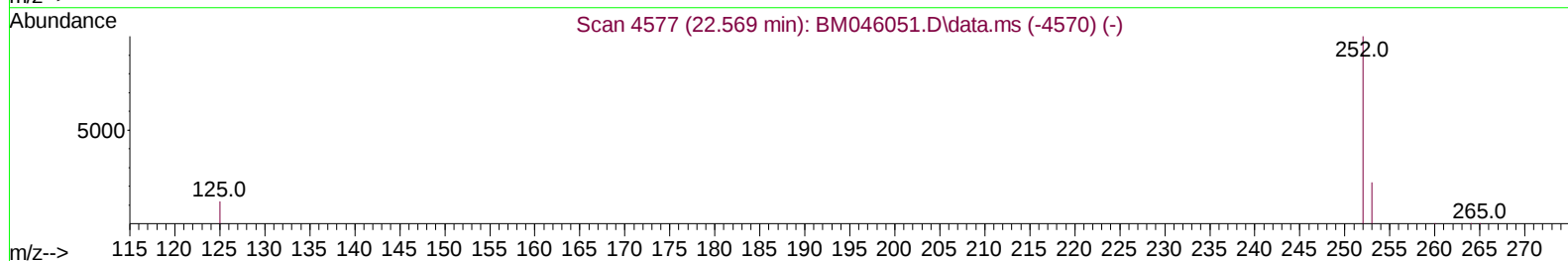
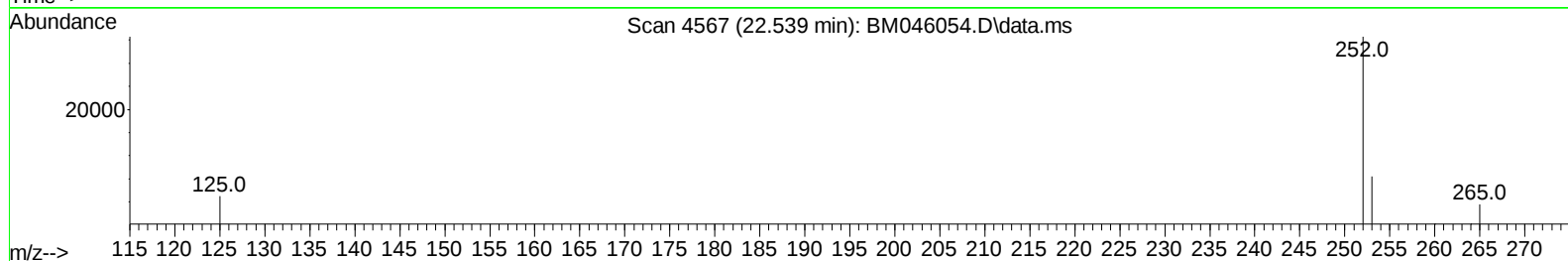
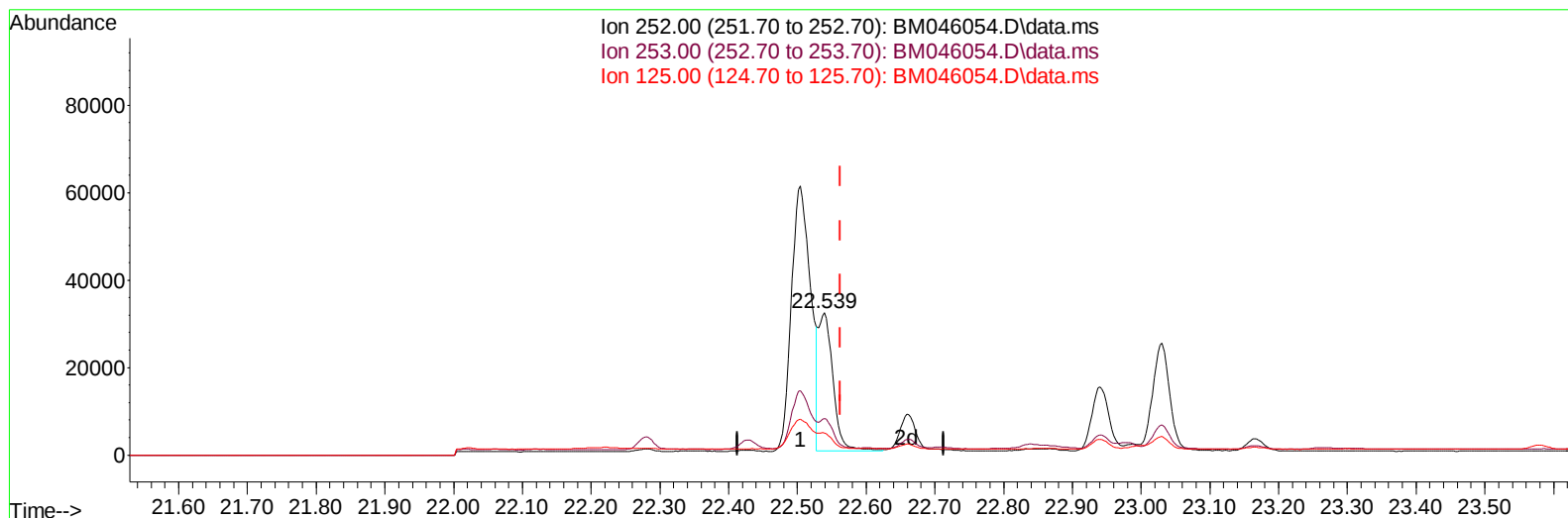
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046054.D
Acq On : 18 Jun 2024 16:58
Operator : MA/JU
Sample : P2695-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BJ2

Manual IntegrationsAPPROVED

Quant Time: Jun 18 17:32:57 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046054.D\data.ms

(25) Benzo(k)fluoranthene

22.539min (-0.024) 1.03 ng/u1 m

response 46134

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.71#
125.00	20.80	15.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3338	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	8963	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.086	164	4684	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	9936m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.023	240	8698m	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	10410m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	17836	3.895	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.838	152	3358	0.279	ng/ul	-0.03
18) Fluoranthene-d10	18.858	212	7952	0.305	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.255	128	3237	0.130	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	820	0.058	ng/ul	98
8) 1-Methylnaphthalene	12.124	142	642	0.042	ng/ul	98
10) Acenaphthylene	13.803	152	4916	0.221	ng/ul	98
11) Acenaphthene	14.146	153	1898	0.118	ng/ul	98
12) Fluorene	15.140	166	2252	0.131	ng/ul#	97
14) Pentachlorophenol	16.533	266	122	0.041	ng/ul	94
15) Phenanthrene	16.867	178	57300m	2.053	ng/ul	
16) Anthracene	16.960	178	10402m	0.500	ng/ul	
19) Fluoranthene	18.890	202	144460	3.836	ng/ul	96
20) Pyrene	19.253	202	99937	2.454	ng/ul	96
21) Benzo(a)anthracene	21.008	228	65113	1.938	ng/ul	99
22) Chrysene	21.061	228	77451	1.806	ng/ul	98
24) Benzo(b)fluoranthene	22.504	252	118425m	3.158	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	46134m	1.035	ng/ul	
26) Benzo(a)pyrene	23.031	252	42613	1.226	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.175	276	50940	0.896	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.178	278	15548	0.367	ng/ul	97
29) Benzo(g,h,i)perylene	25.799	276	7673	0.157	ng/ul#	86

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

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