

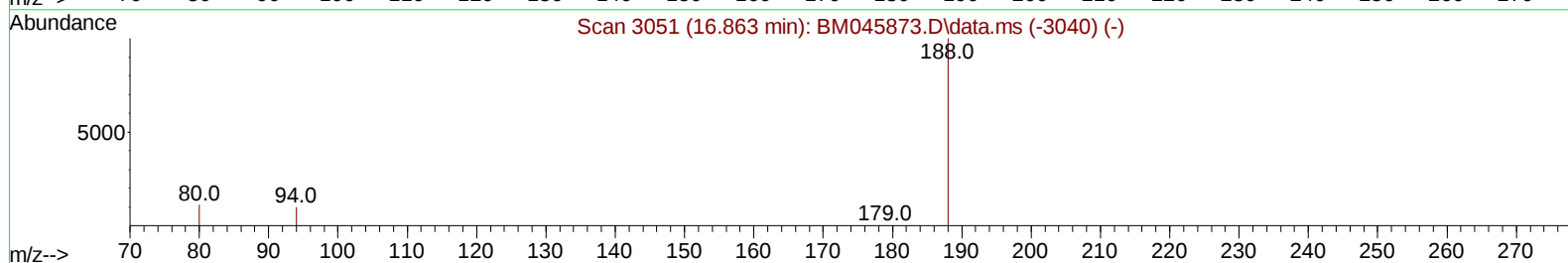
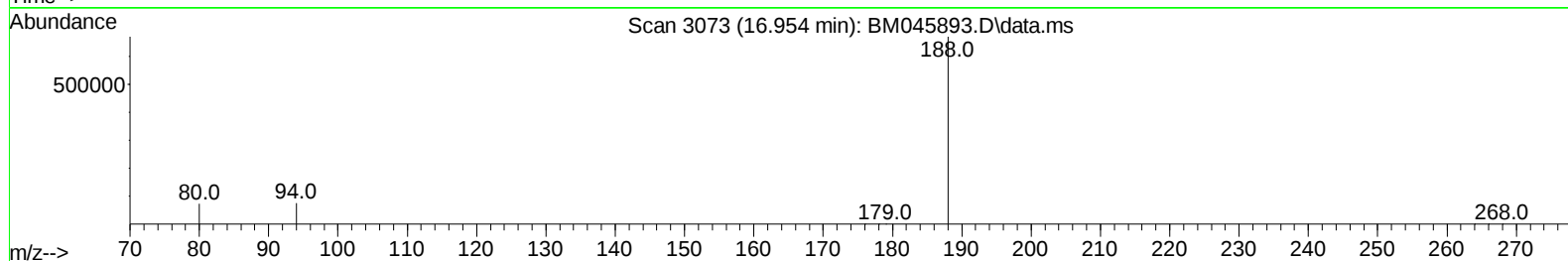
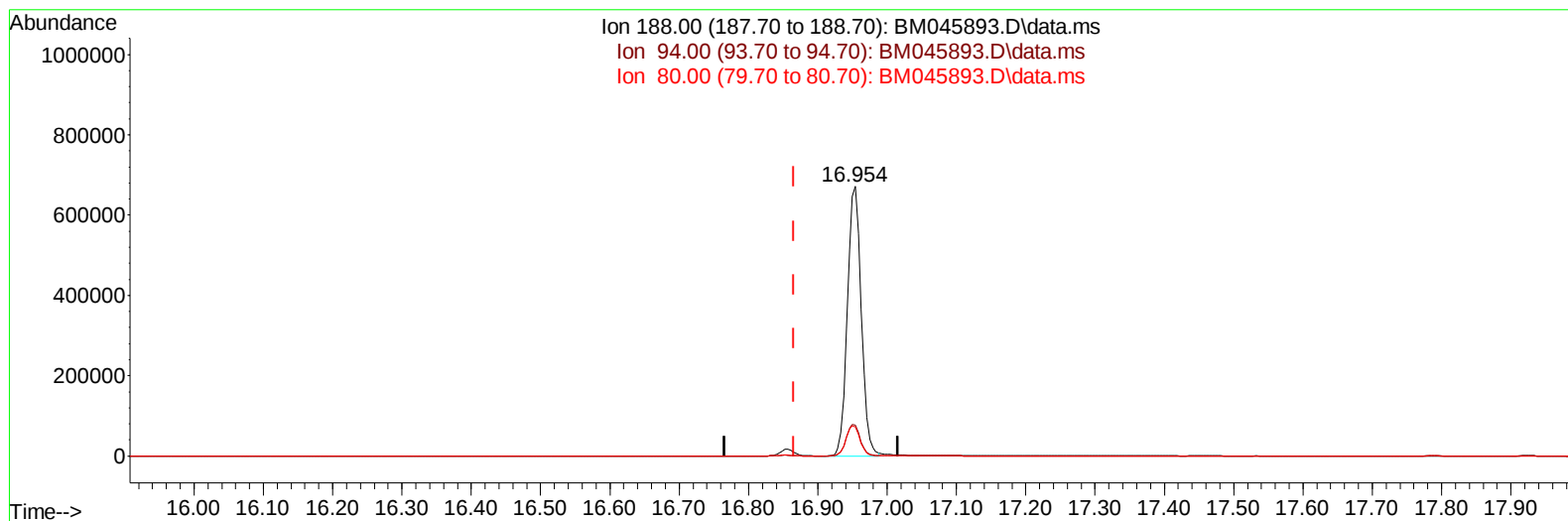
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045893.D\data.ms

(13) Phenanthrene-d10 (I)

16.954min (+ 0.088) 0.40 ng/u1

response 931921

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.36
80.00	11.70	10.71
0.00	0.00	0.00

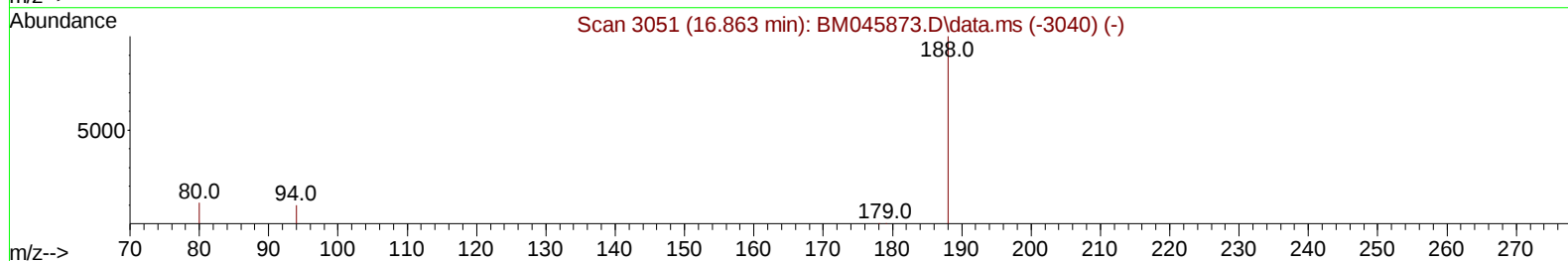
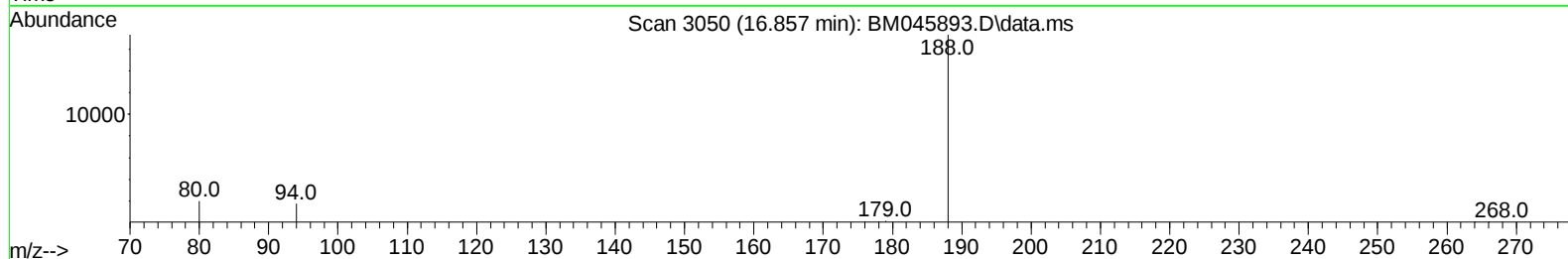
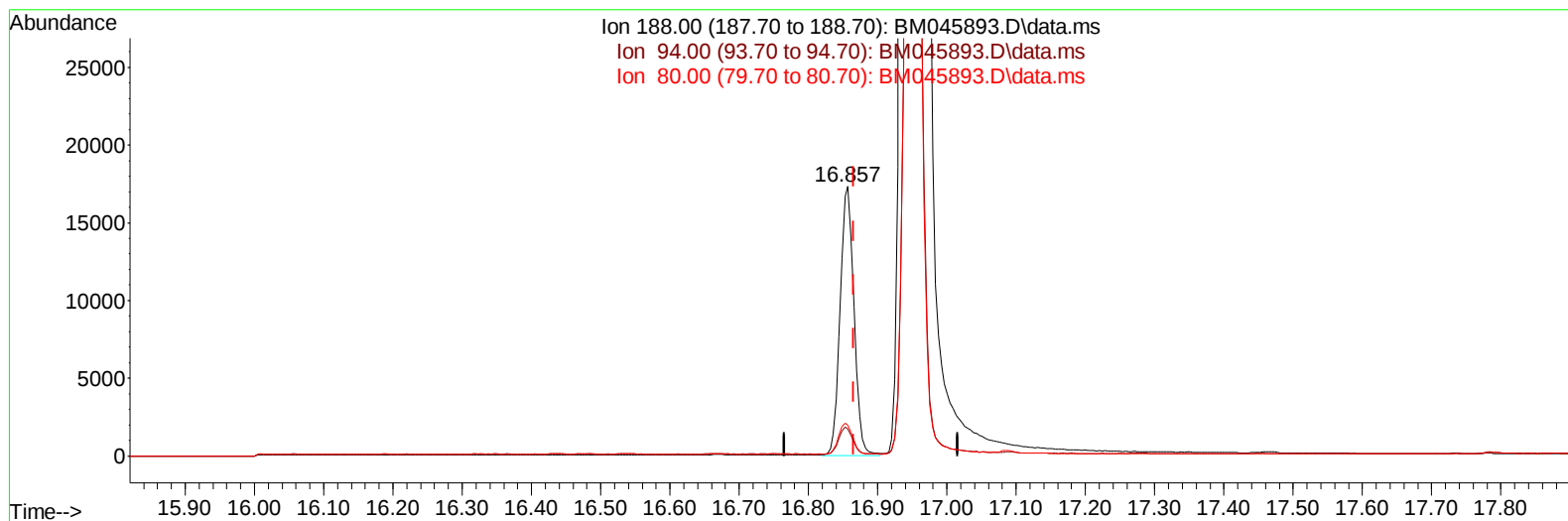
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045893.D\data.ms

(13) Phenanthrene-d10 (I)

16.857min (-0.009) 0.40 ng/u1 m

response 23793

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	9.95
80.00	11.70	11.41
0.00	0.00	0.00

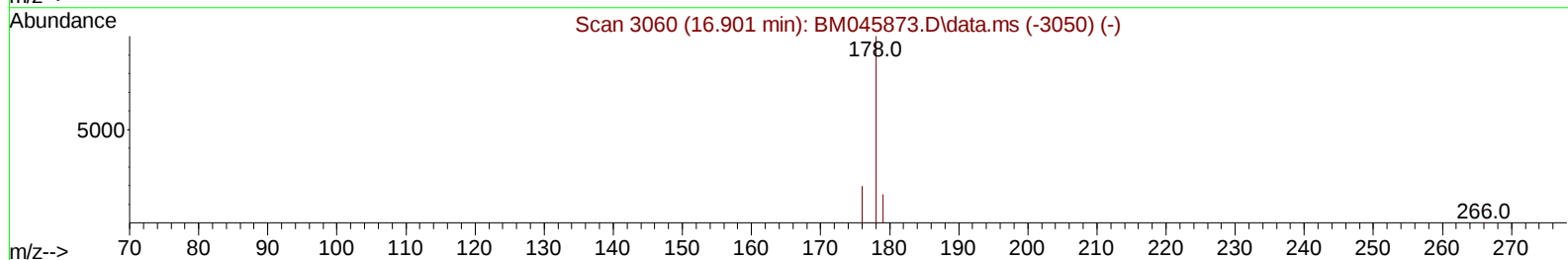
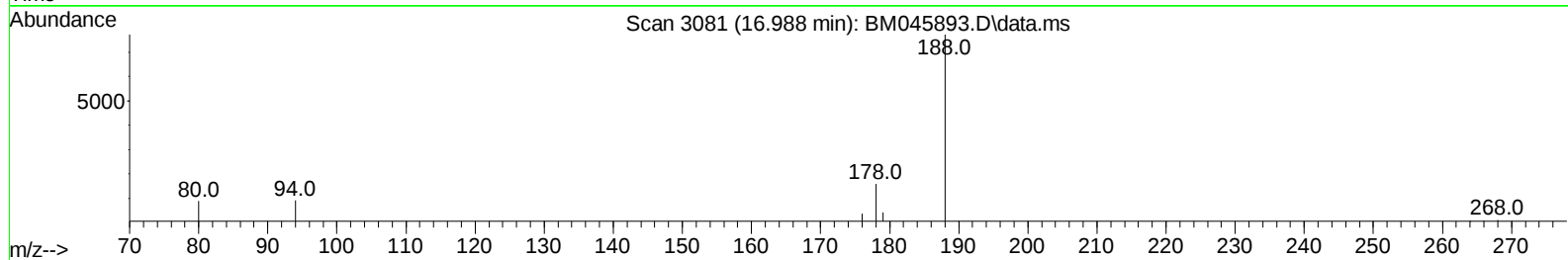
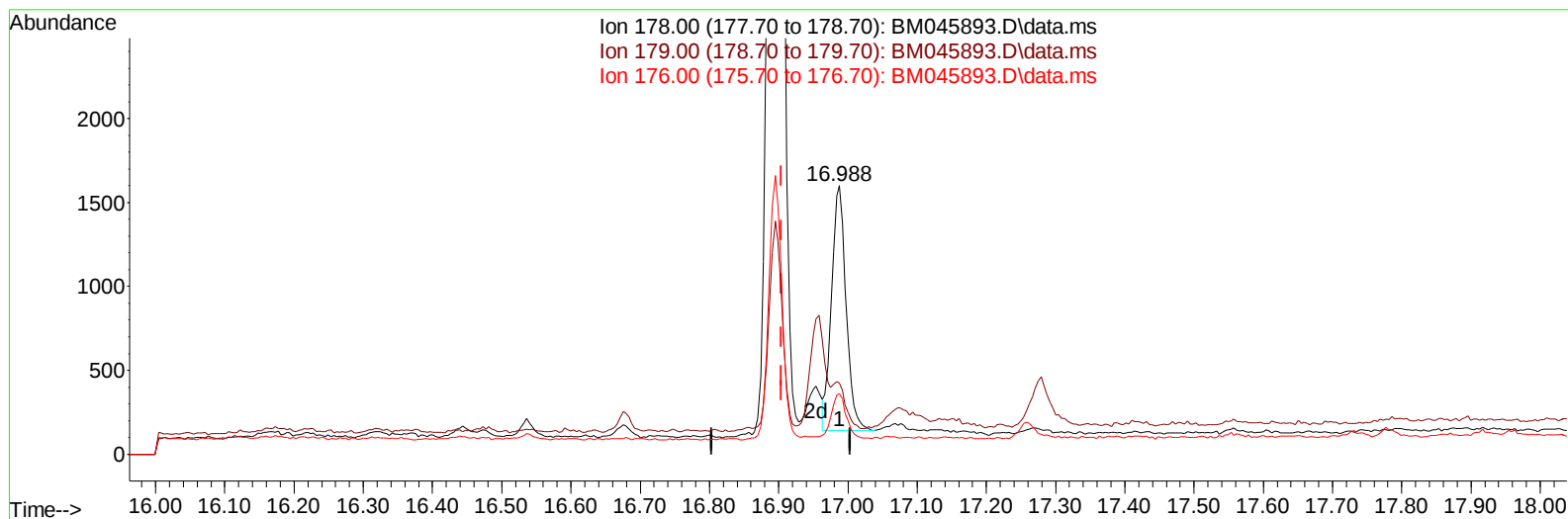
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045893.D\data.ms

(15) Phenanthrene

16.988min (+ 0.084) 0.03 ng/u1

response 2142

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	26.63#
176.00	19.50	22.63
0.00	0.00	0.00

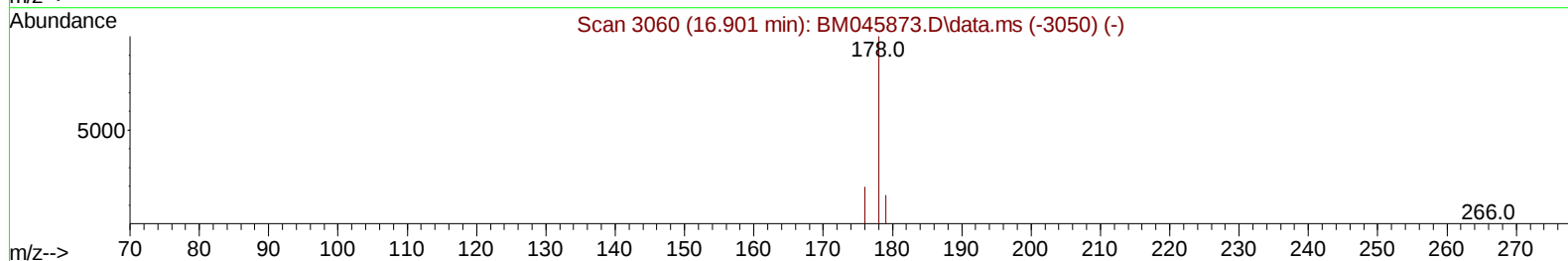
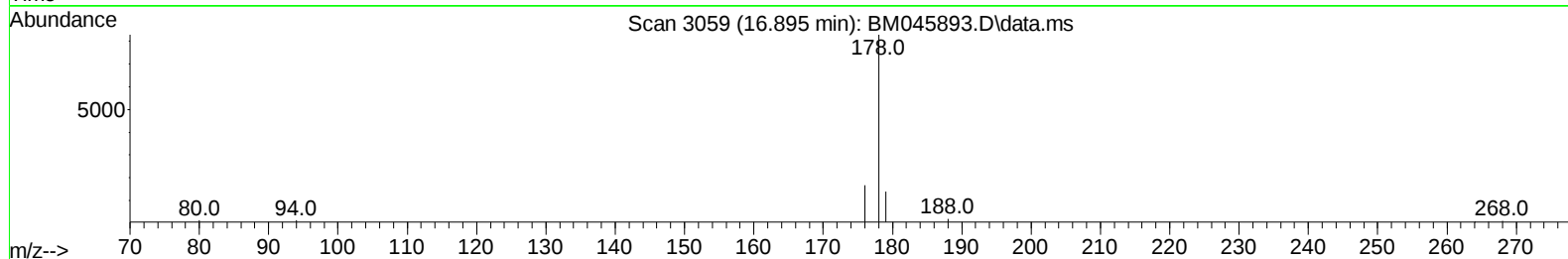
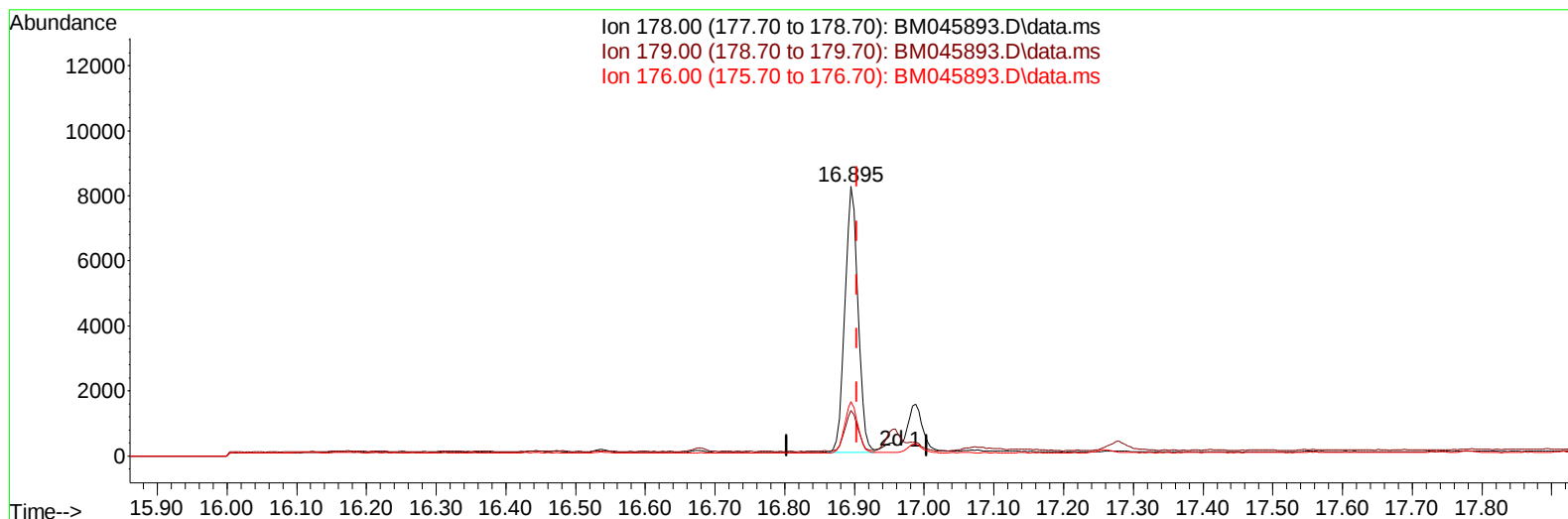
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

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TIC: BM045893.D\data.ms

(15) Phenanthrene

16.895min (-0.009) 0.16 ng/ul m

response 10800

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.77
176.00	19.50	20.07
0.00	0.00	0.00

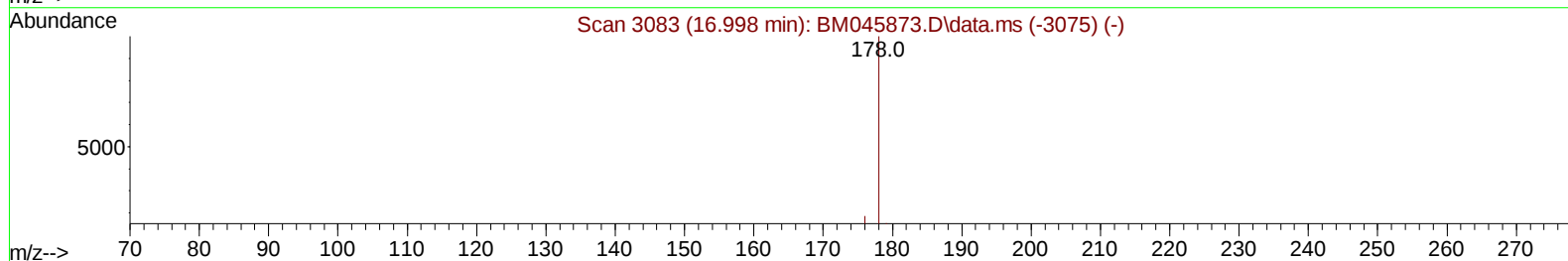
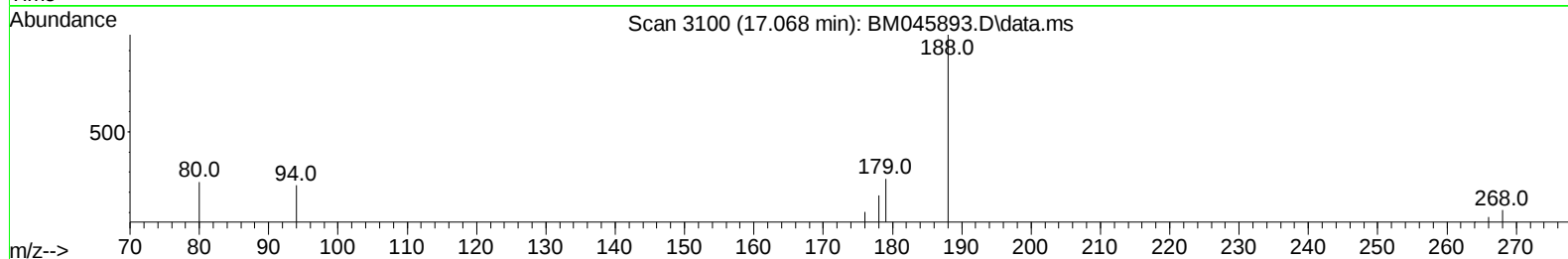
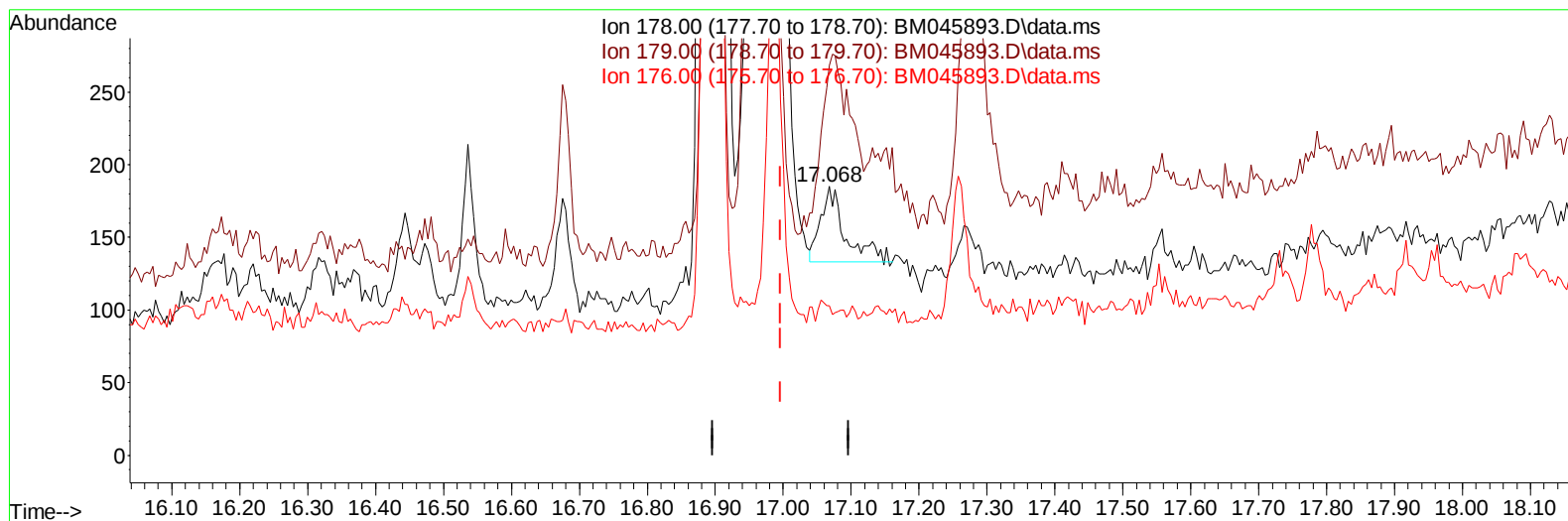
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

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TIC: BM045893.D\data.ms

(16) Anthracene

17.068min (+ 0.072) 0.00 ng/u1

response 131

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	144.86#
176.00	19.40	55.68#
0.00	0.00	0.00

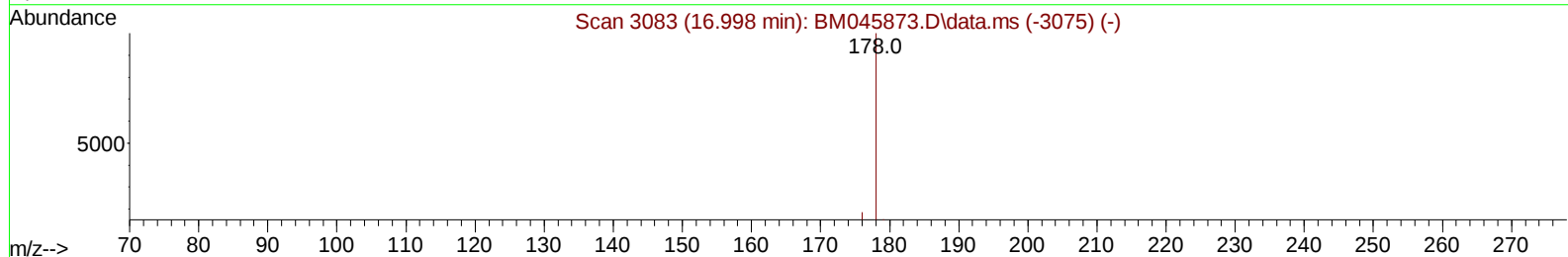
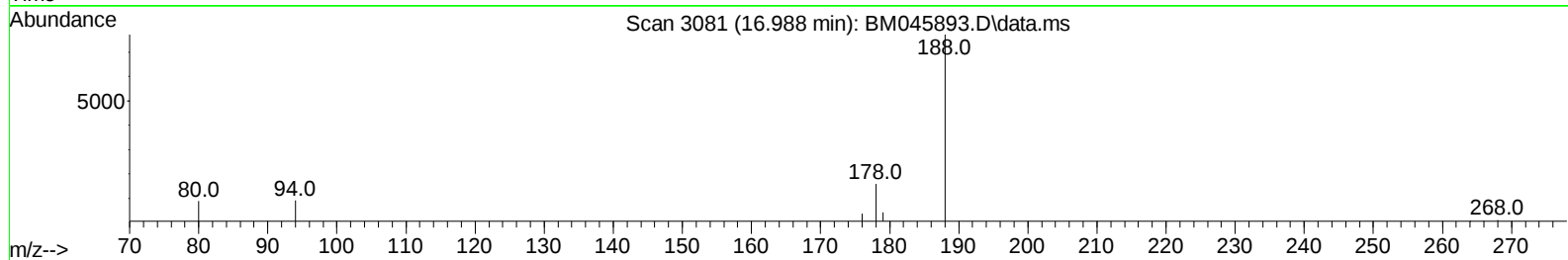
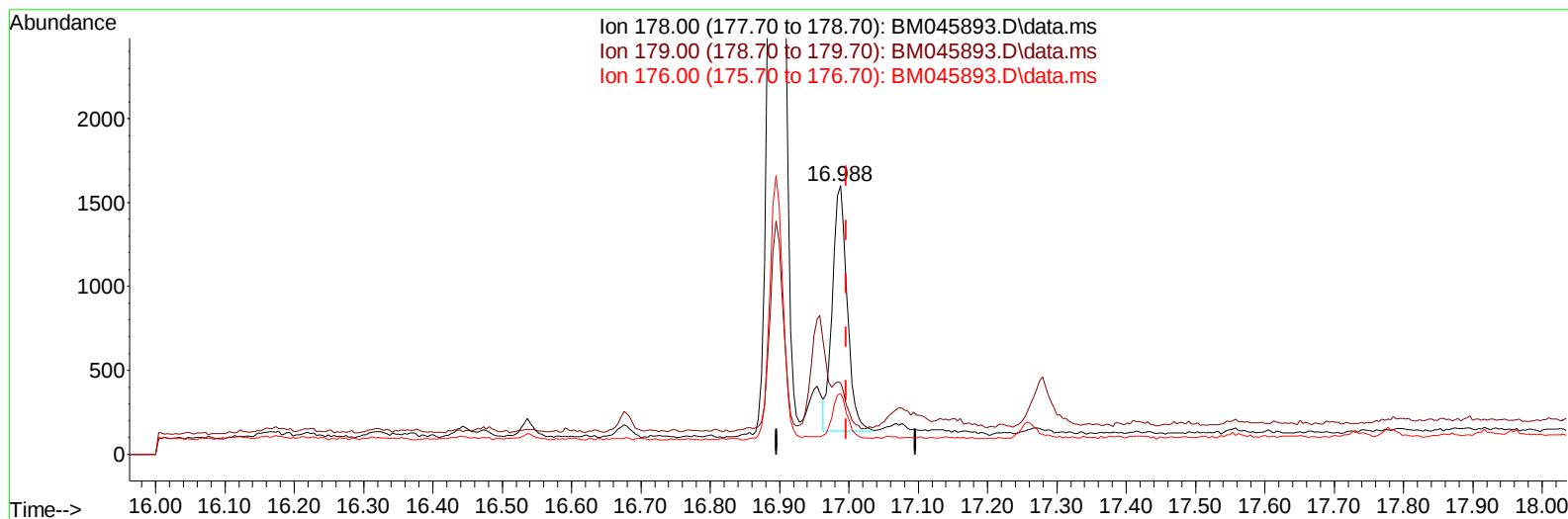
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Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

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TIC: BM045893.D\data.ms

(16) Anthracene

16.988min (-0.009) 0.04 ng/ul m

response 2151

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	26.63#
176.00	19.40	22.63
0.00	0.00	0.00

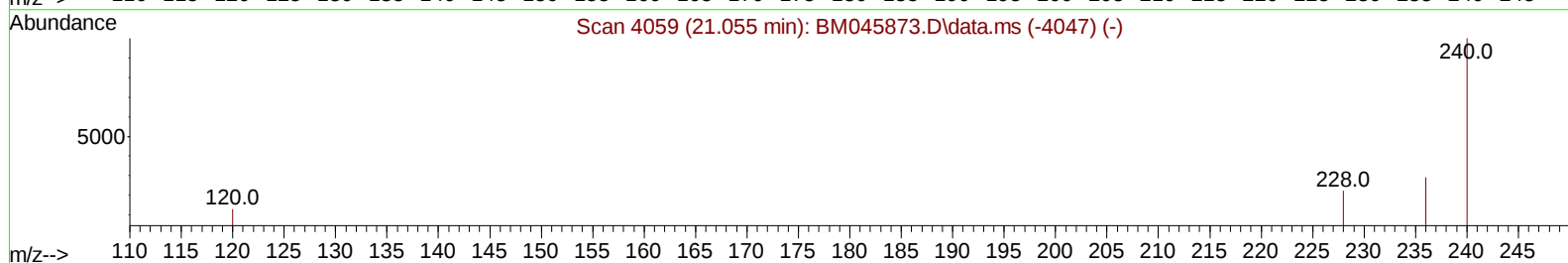
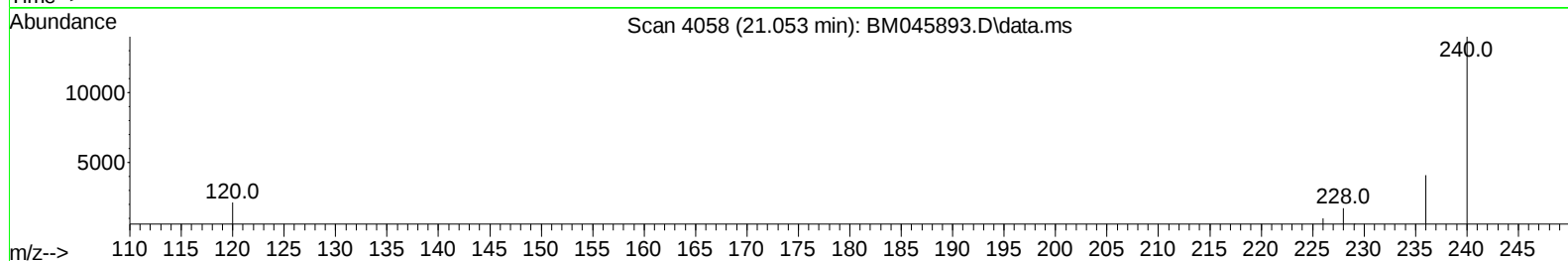
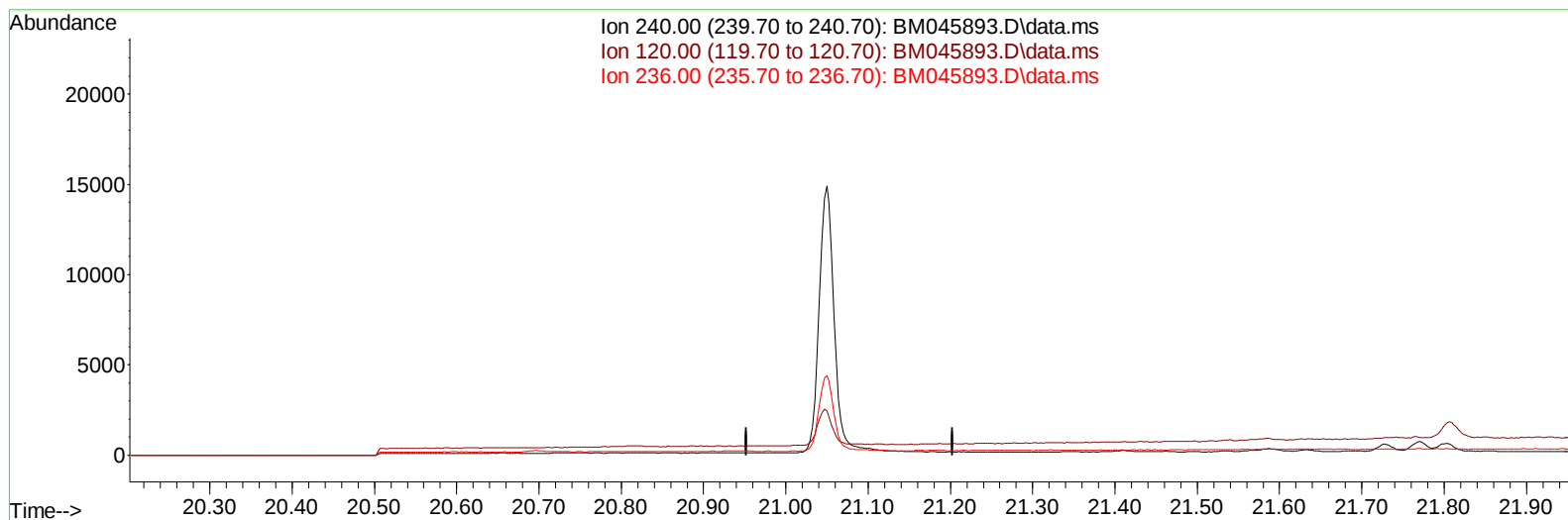
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

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TIC: BM045893.D\data.ms

(17) Chrysene-d12

21.053min (-21.053) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.10	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

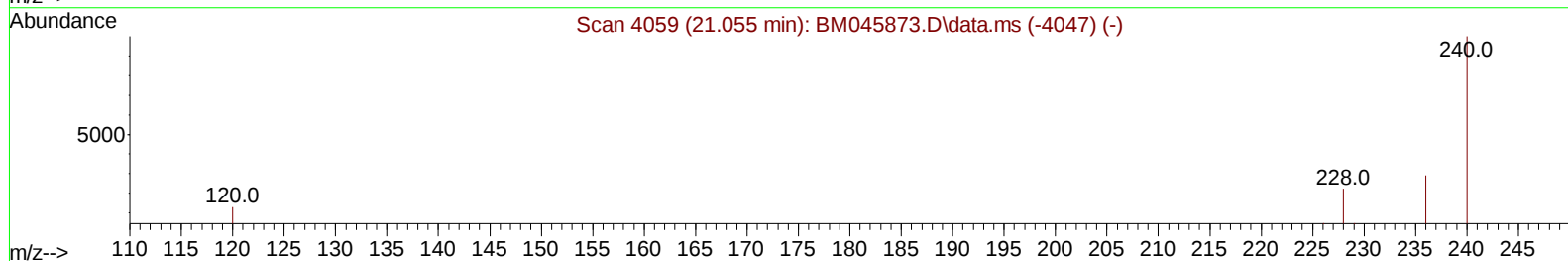
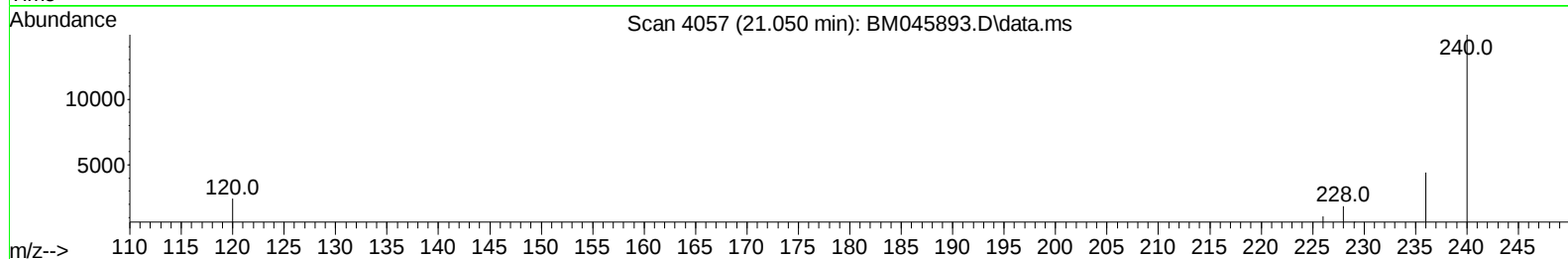
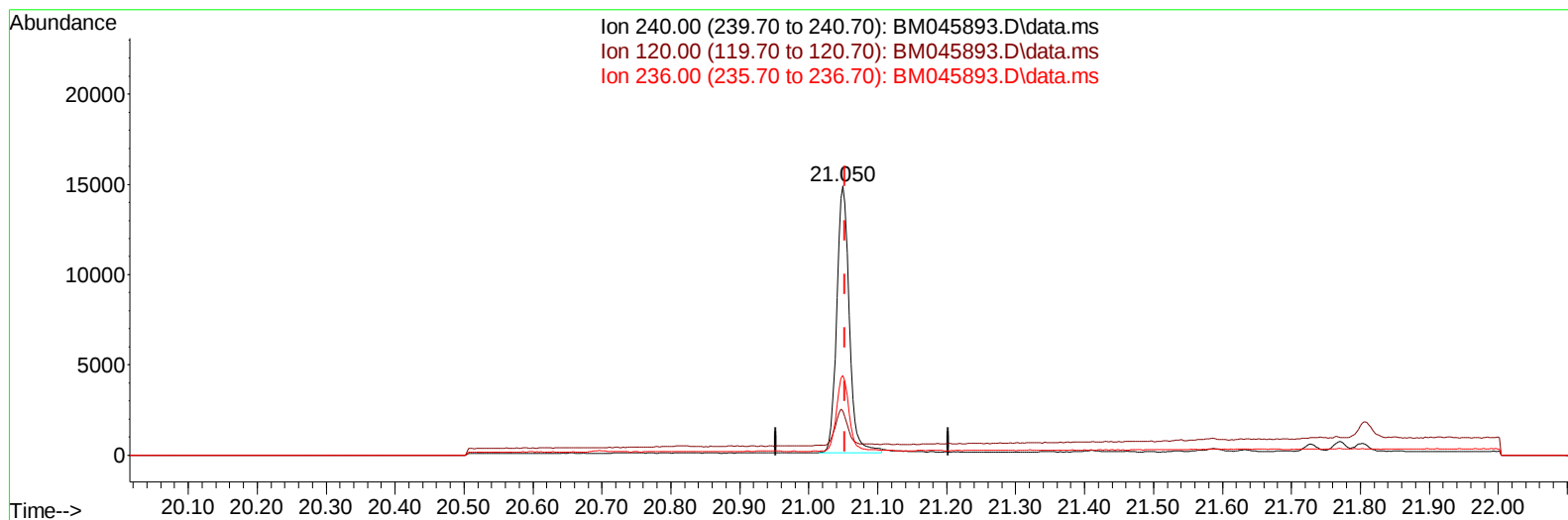
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045893.D\data.ms

(17) Chrysene-d12

21.050min (-0.003) 0.40 ng/u1 m

response 18904

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.31
236.00	29.50	29.61
0.00	0.00	0.00

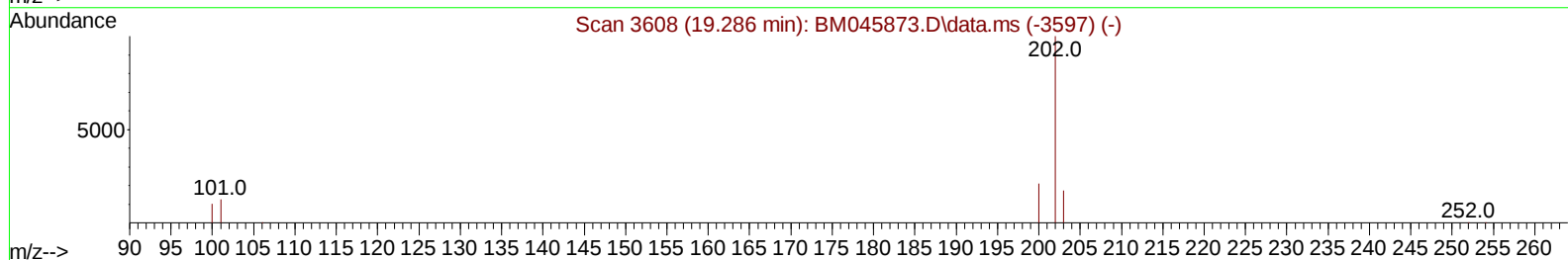
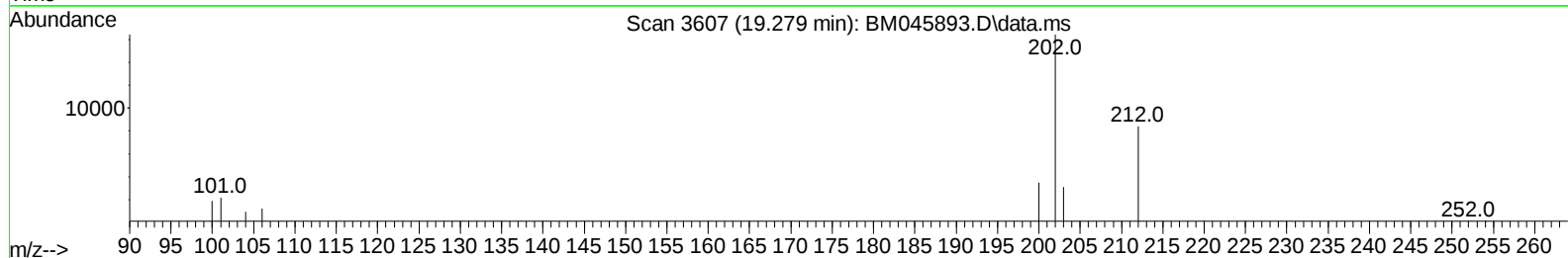
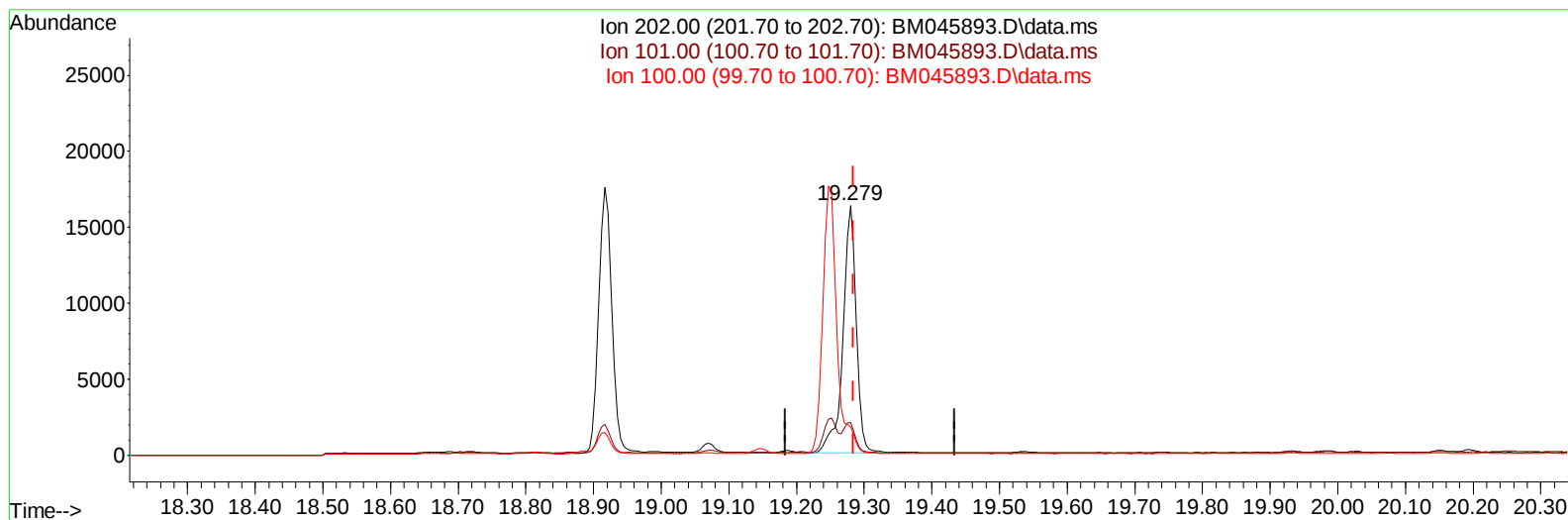
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

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TIC: BM045893.D\data.ms

(20) Pyrene

19.279min (-0.005) 0.29 ng/u1

response 22957

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	13.21
100.00	11.40	11.28
0.00	0.00	0.00

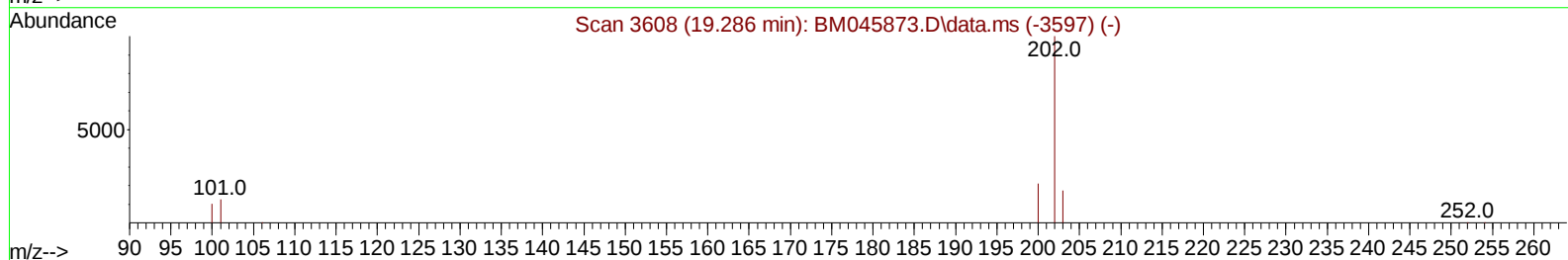
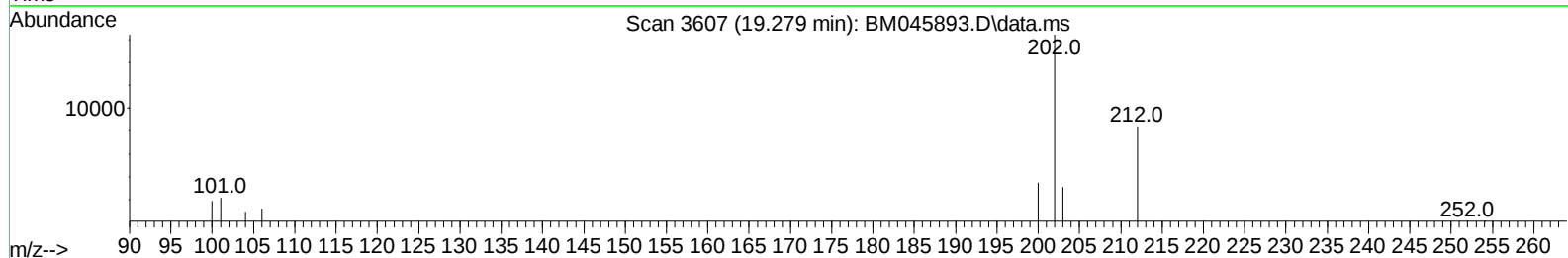
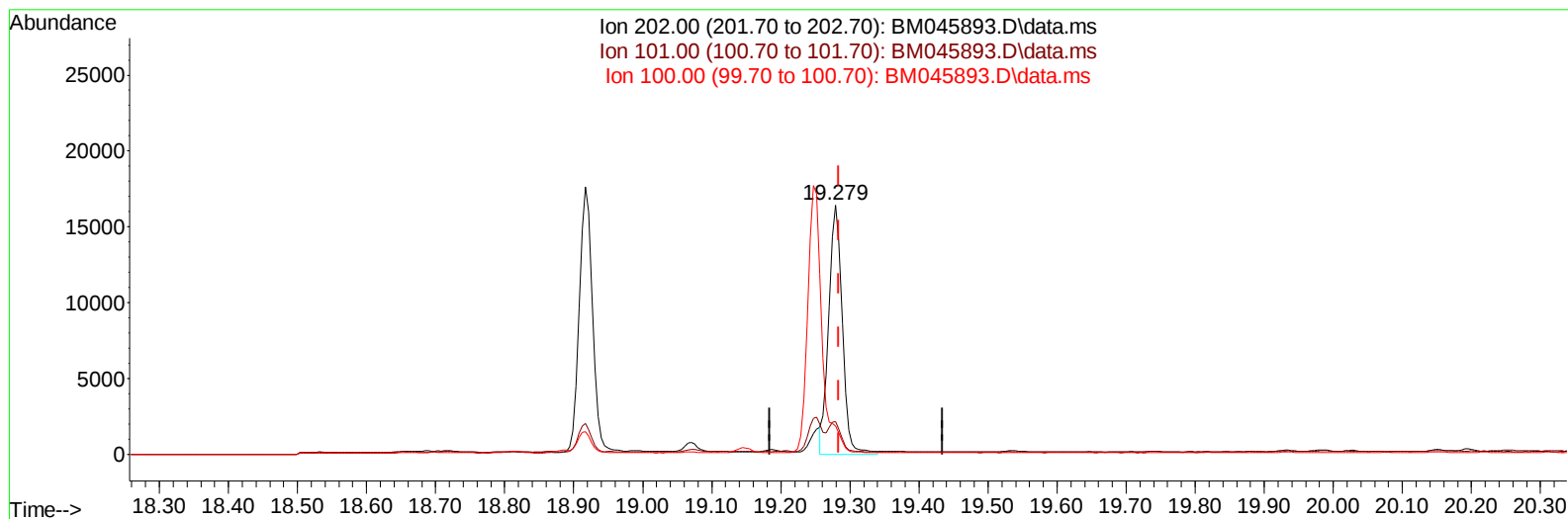
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

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TIC: BM045893.D\data.ms

(20) Pyrene

19.279min (-0.005) 0.28 ng/ul m

response 22116

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	13.21
100.00	11.40	11.28
0.00	0.00	0.00

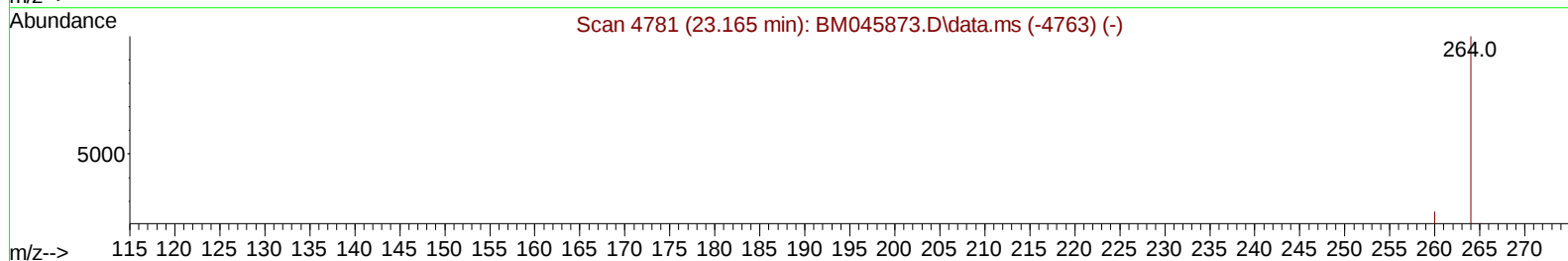
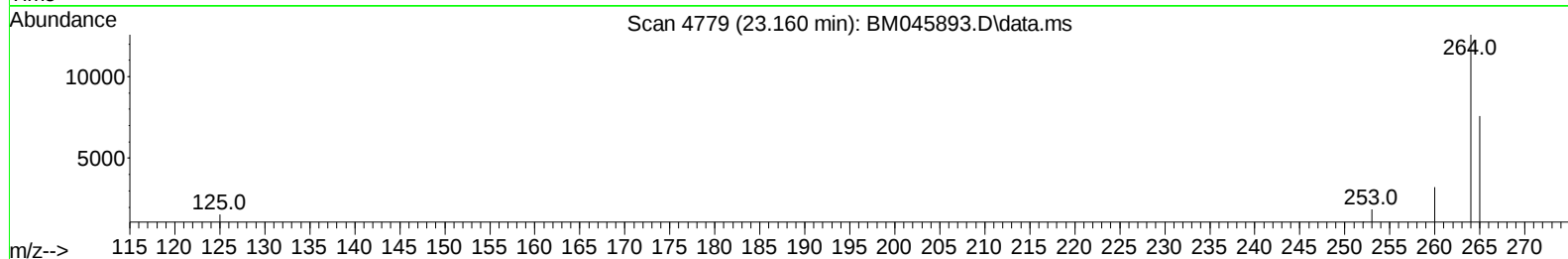
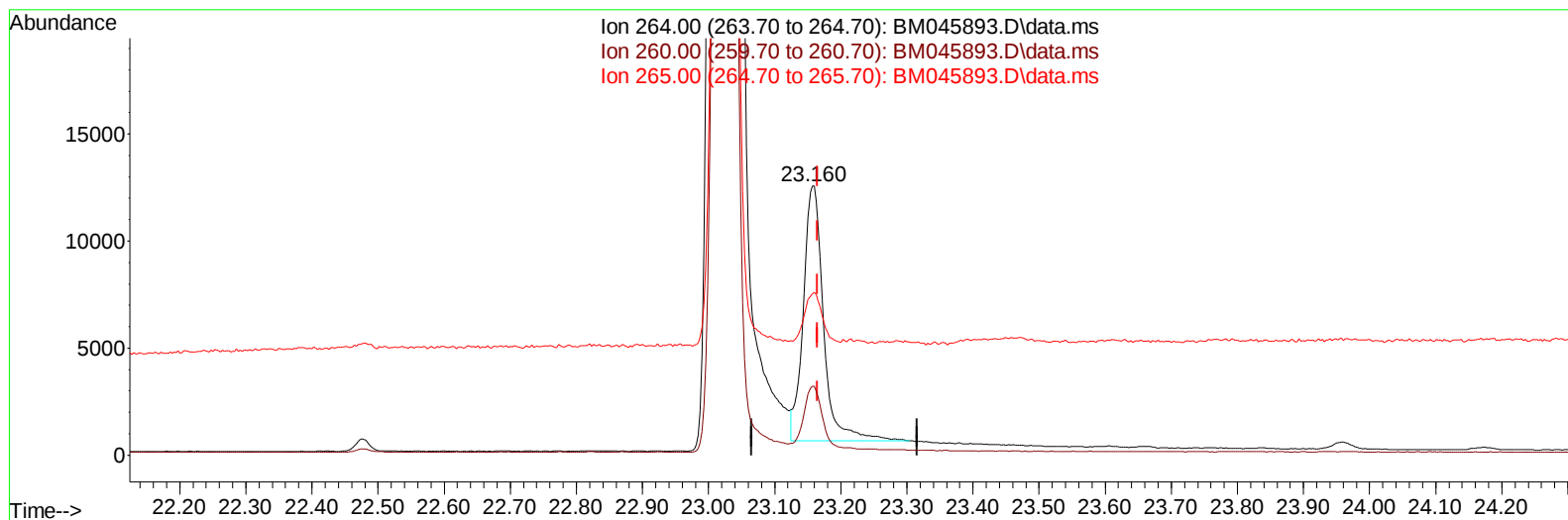
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
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TIC: BM045893.D\data.ms

(23) Perylene-d12 (I)

23.160min (-0.006) 0.40 ng/u1

response 25084

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.57
265.00	76.60	60.42#
0.00	0.00	0.00

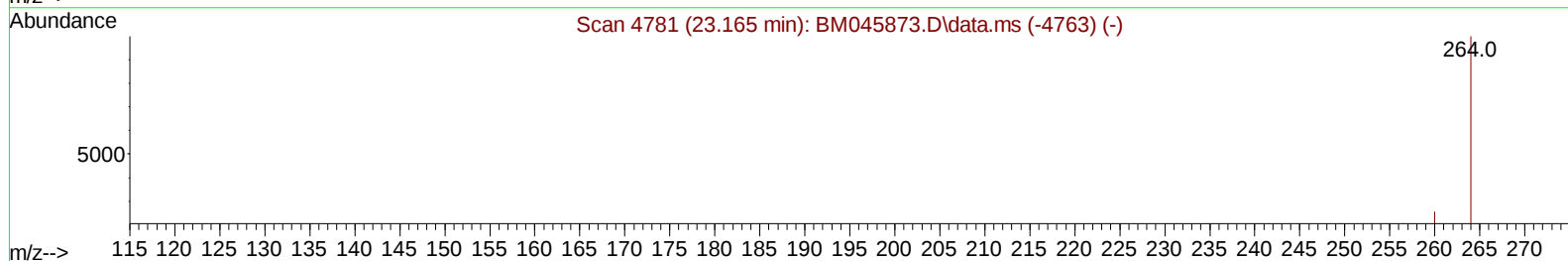
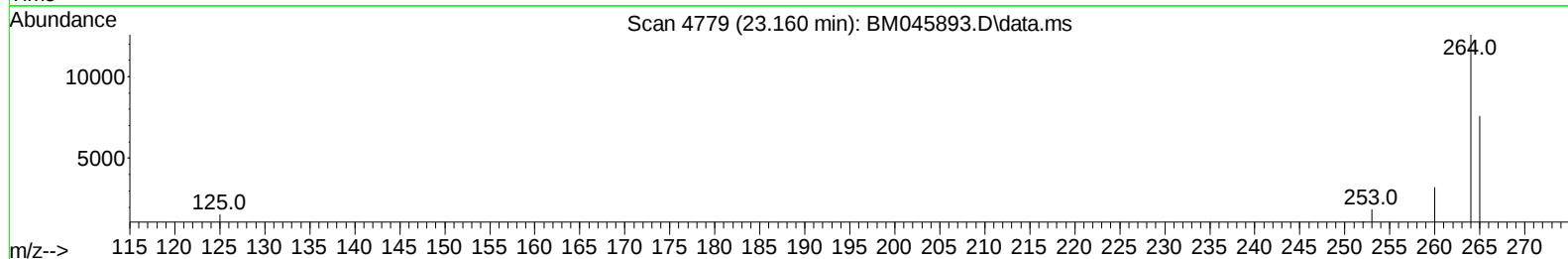
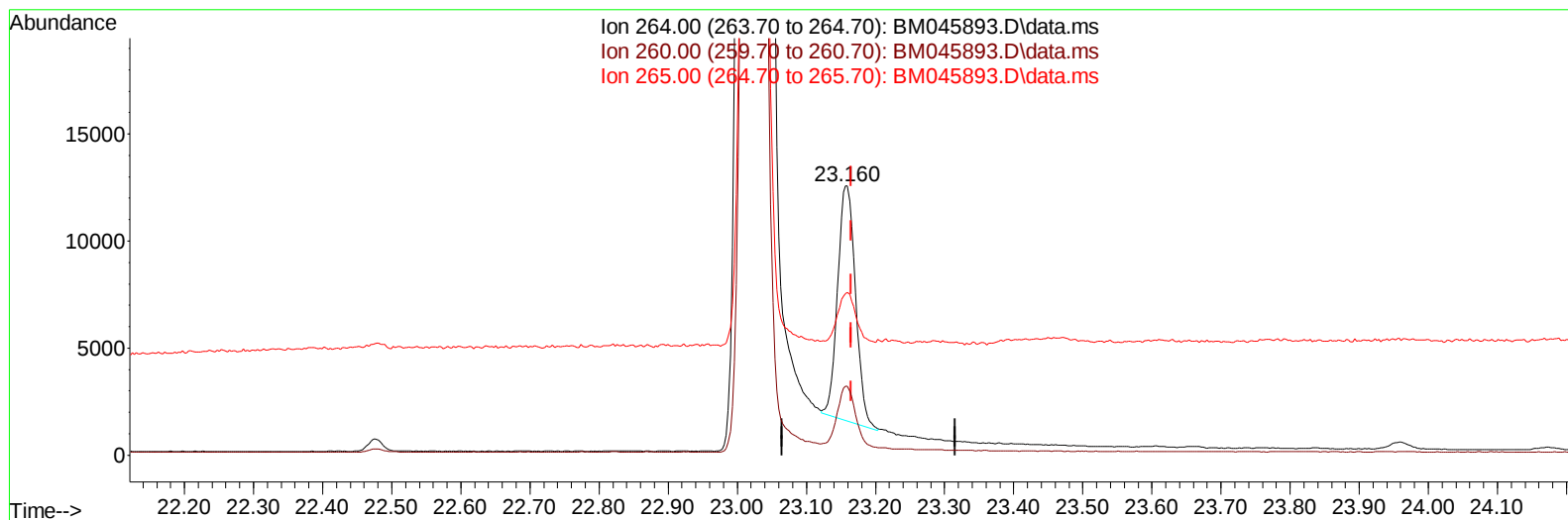
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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TIC: BM045893.D\data.ms

(23) Perylene-d12 (I)

23.160min (-0.006) 0.40 ng/ul m

response 19640

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.57
265.00	76.60	60.42#
0.00	0.00	0.00

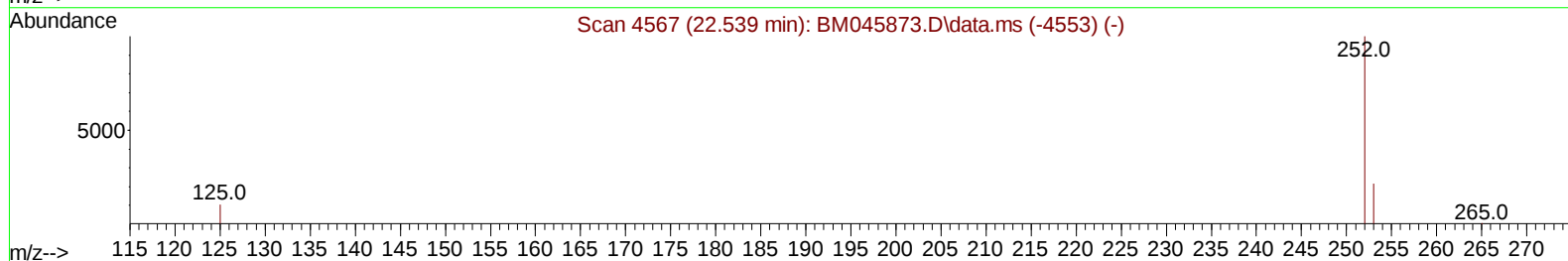
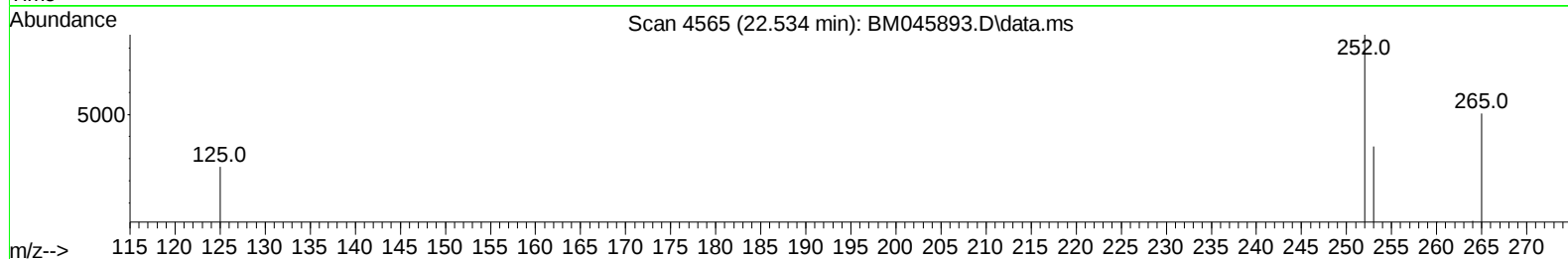
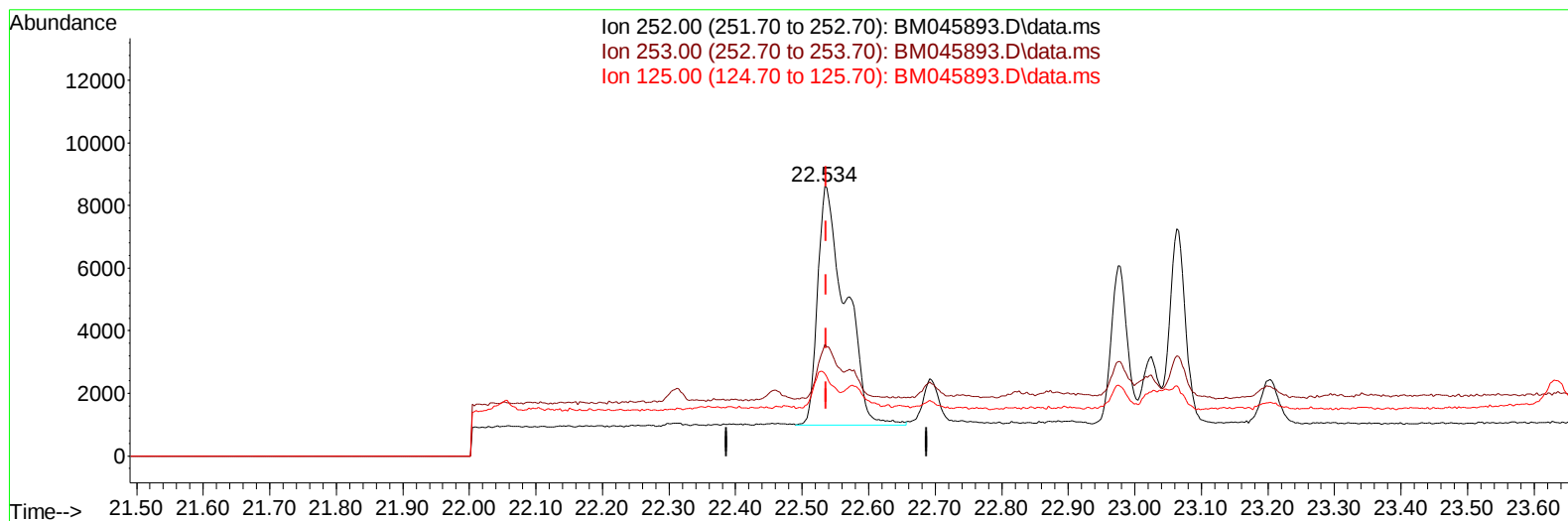
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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TIC: BM045893.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.34 ng/u1

response 22067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	41.28
125.00	17.90	30.60
0.00	0.00	0.00

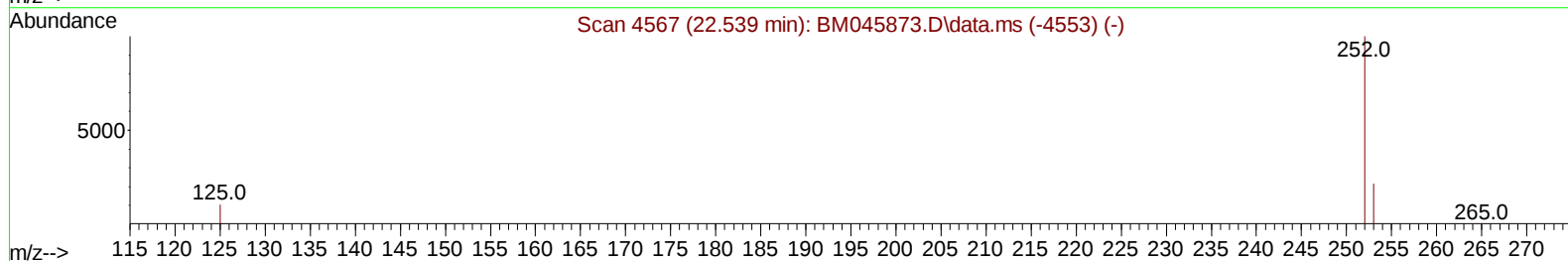
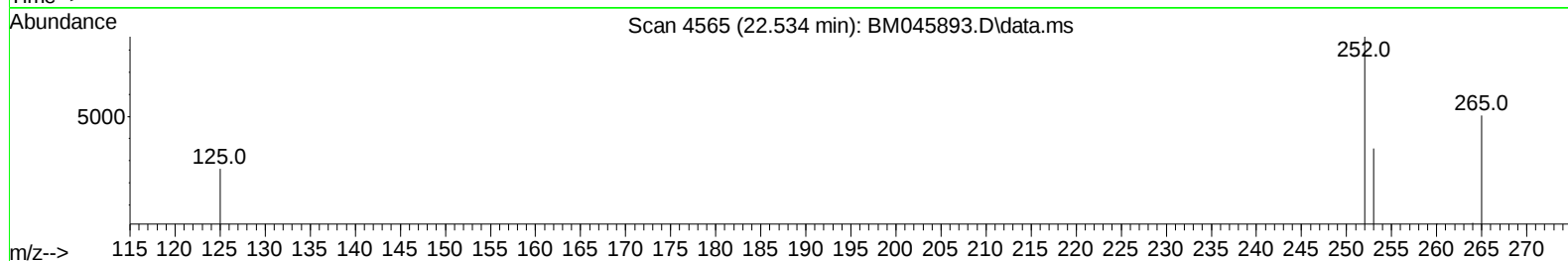
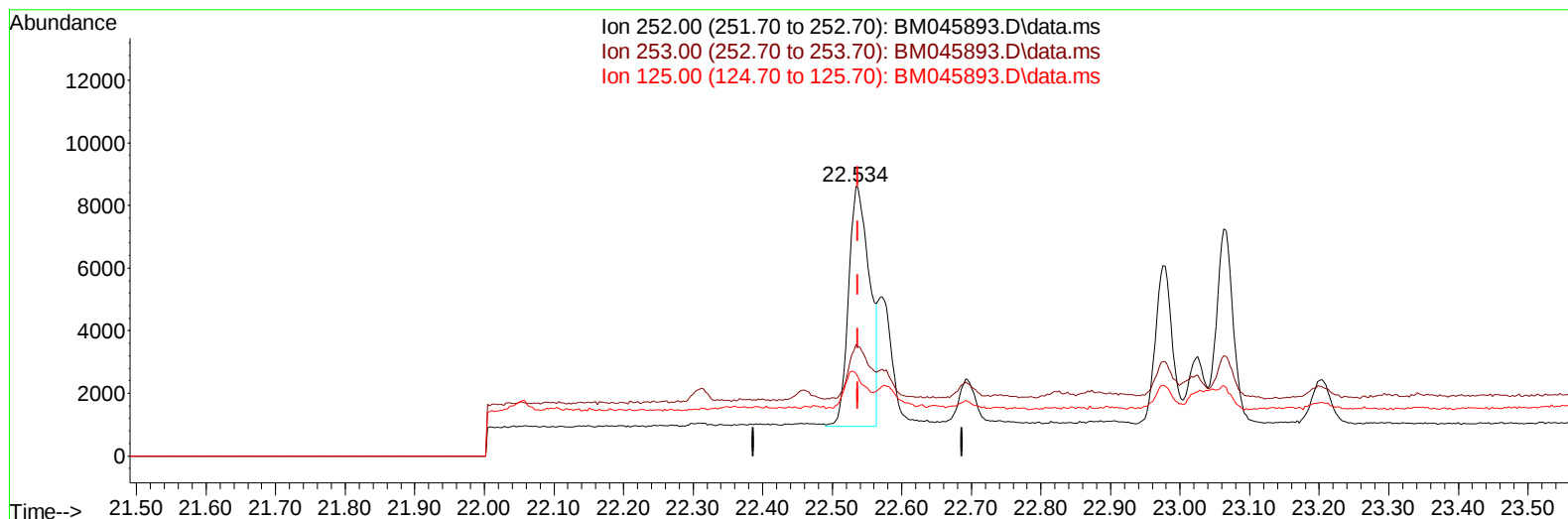
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

Manual IntegrationsAPPROVED

Quant Time: Jun 07 23:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045893.D\data.ms

(24) Benzo(b)fluoranthene

22.534min (-0.003) 0.25 ng/u1 m

response 16116

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	41.28
125.00	17.90	30.60
0.00	0.00	0.00

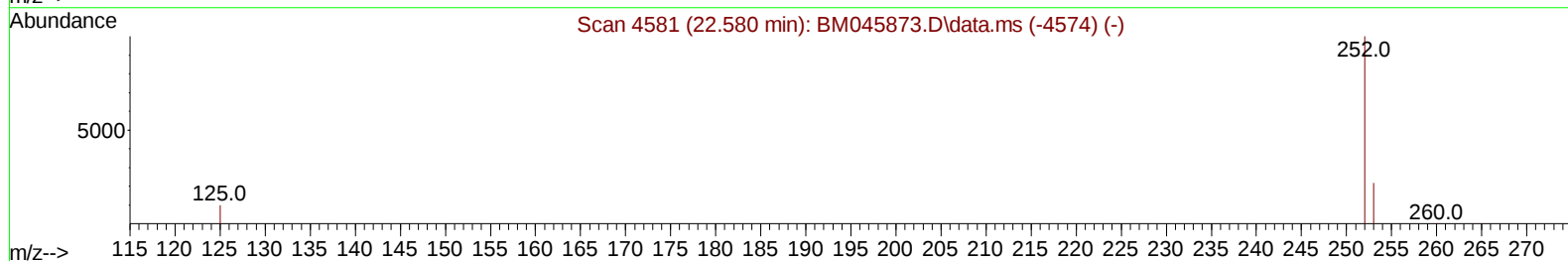
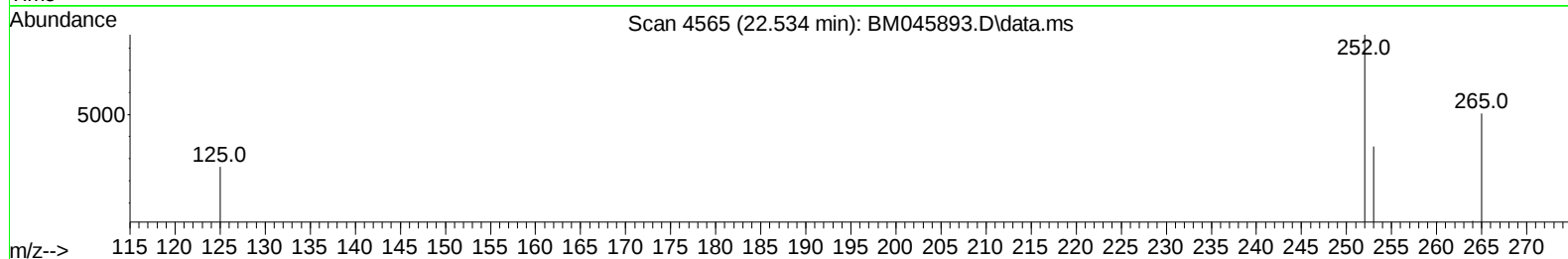
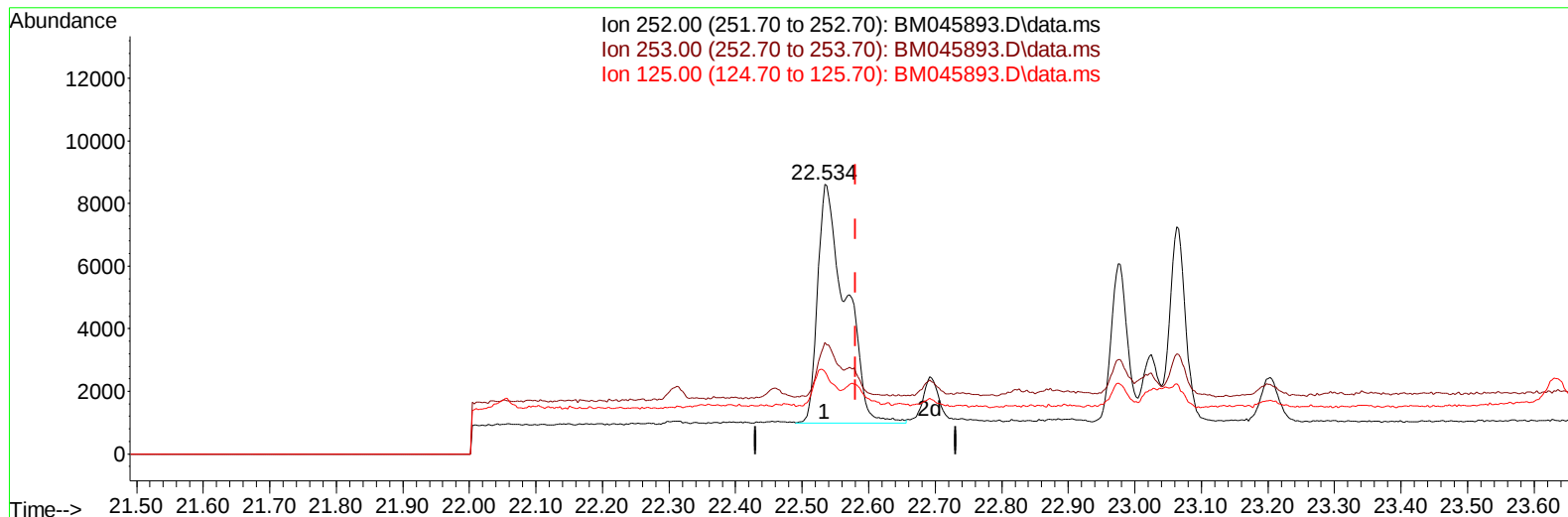
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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TIC: BM045893.D\data.ms

(25) Benzo(k)fluoranthene

22.534min (-0.047) 0.31 ng/u1

response 22067

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	41.28#
125.00	17.70	30.60#
0.00	0.00	0.00

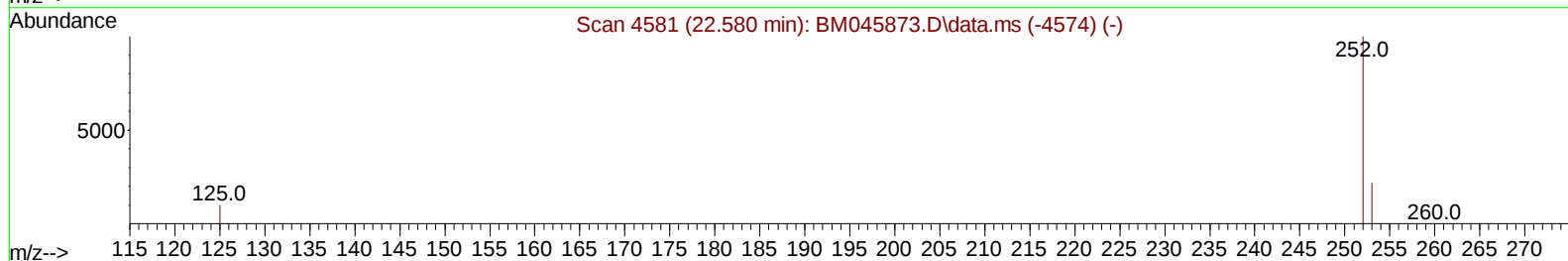
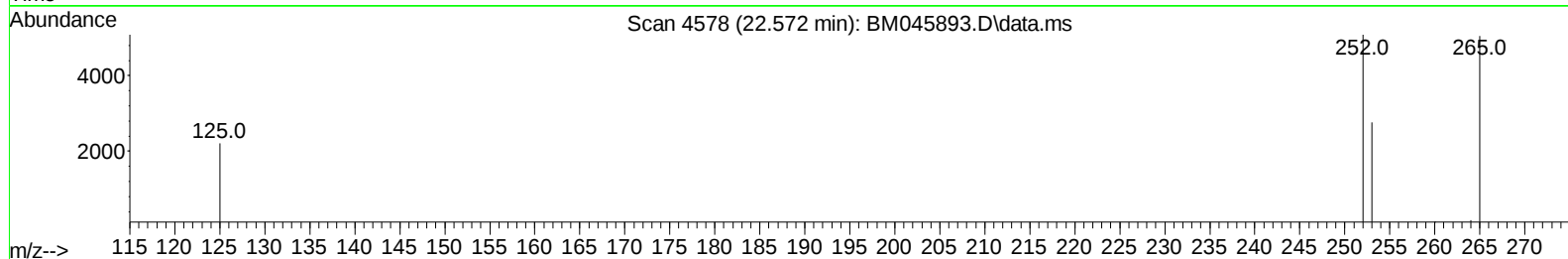
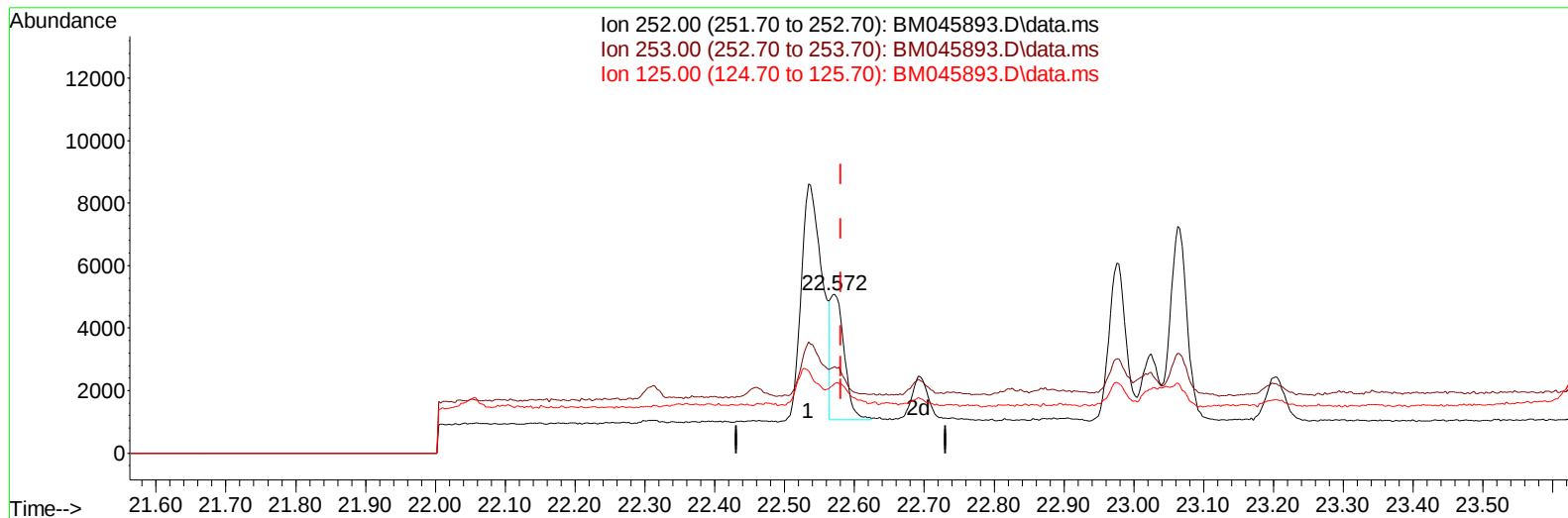
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045893.D
Acq On : 07 Jun 2024 22:56
Operator : MA/JU
Sample : P2586-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D19

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TIC: BM045893.D\data.ms

(25) Benzo(k)fluoranthene

22.572min (-0.009) 0.08 ng/u1 m

response 5522

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	54.38#
125.00	17.70	43.61#
0.00	0.00	0.00

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 Acq On : 07 Jun 2024 22:56
 Operator : MA/JU
 Sample : P2586-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D19

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5967	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	20664	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11077	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	23793m	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	18904m	0.400	ng/ul	0.00
23) Perylene-d12	23.160	264	19640m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	20019	2.946	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	5498	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	11702	0.207	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.830	152	1930	0.038	ng/ul#	88
15) Phenanthrene	16.895	178	10800m	0.162	ng/ul	
16) Anthracene	16.988	178	2151m	0.038	ng/ul	
19) Fluoranthene	18.917	202	23650	0.314	ng/ul	99
20) Pyrene	19.279	202	22116m	0.281	ng/ul	
21) Benzo(a)anthracene	21.032	228	10379	0.150	ng/ul	93
22) Chrysene	21.085	228	12879	0.170	ng/ul	96
24) Benzo(b)fluoranthene	22.534	252	16116m	0.247	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	5522m	0.077	ng/ul	
26) Benzo(a)pyrene	23.063	252	10305	0.159	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.226	276	8410	0.100	ng/ul	93
28) Dibenzo(a,h)anthracene	25.232	278	1879	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	25.856	276	8646	0.120	ng/ul#	88

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

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