

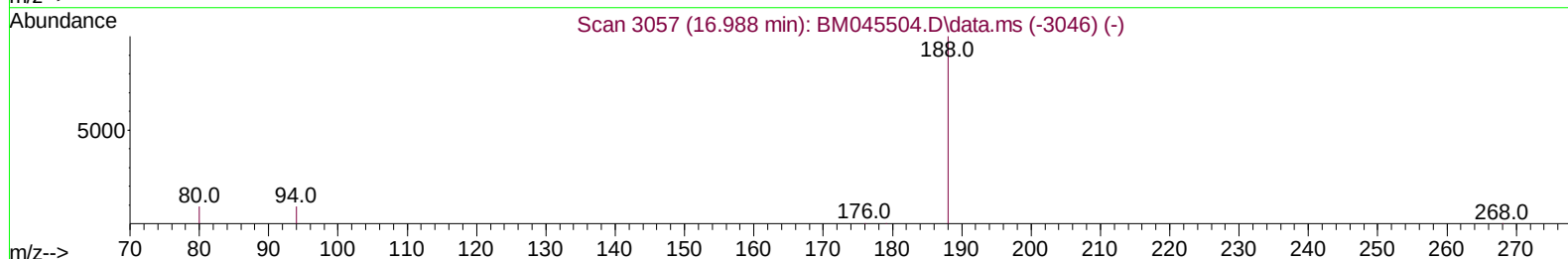
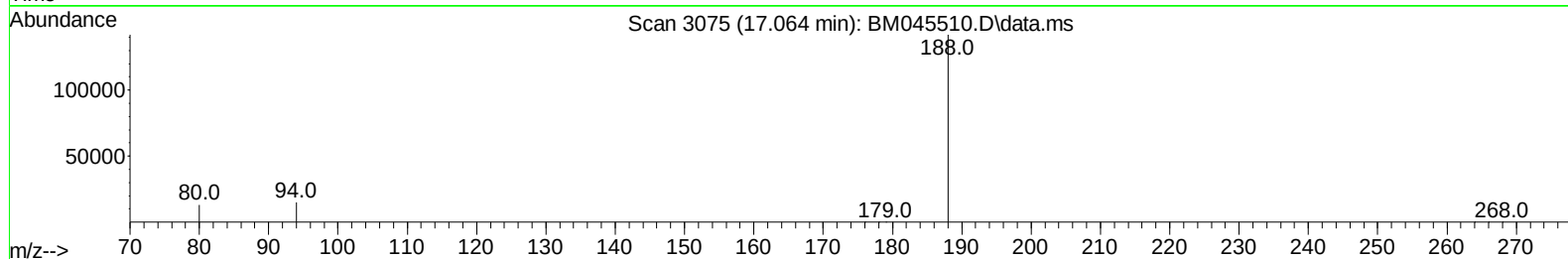
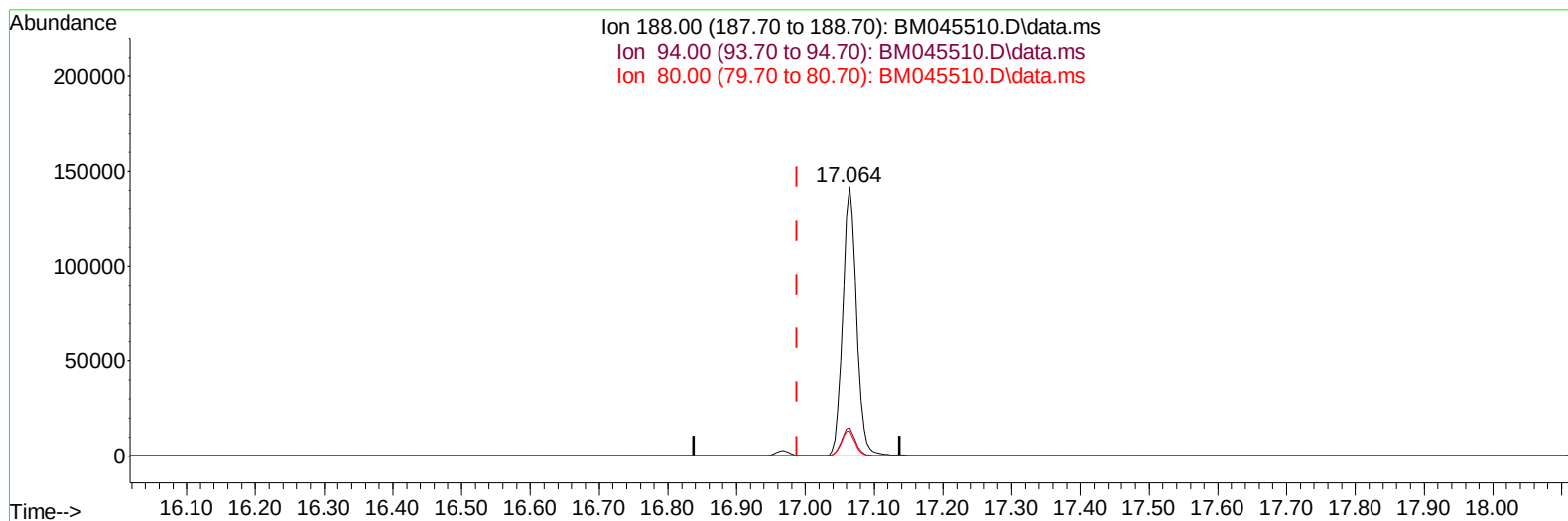
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

Quant Time: Apr 24 04:50:16 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 04:47:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045510.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.076) 0.40 ng/u1

response 197269

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.47#
80.00	14.80	9.35#
0.00	0.00	0.00

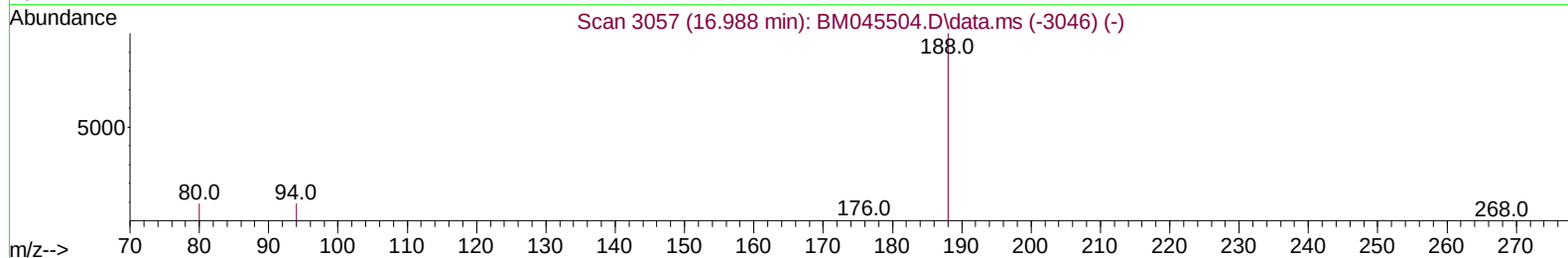
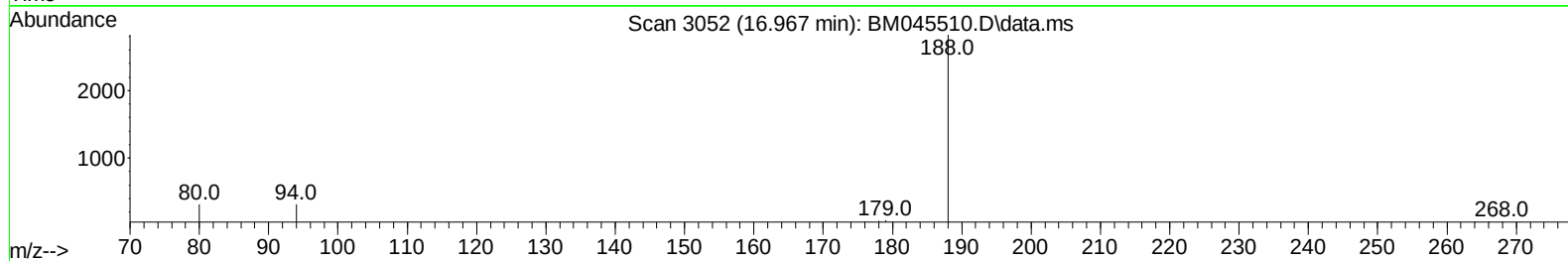
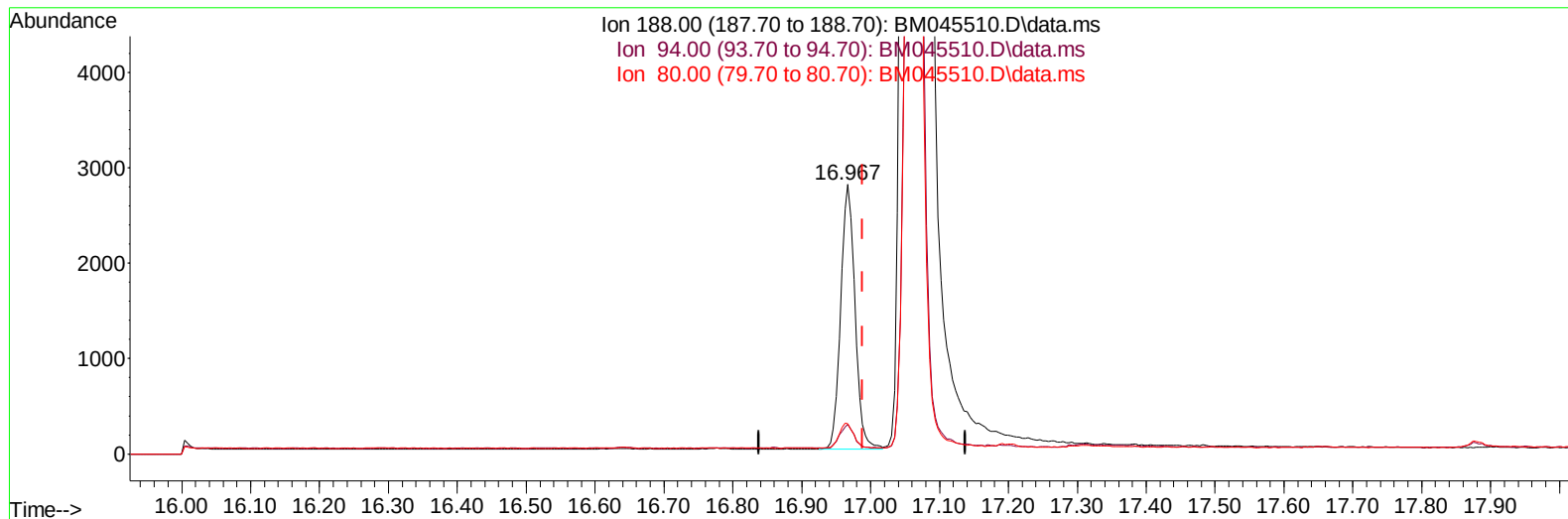
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TIC: BM045510.D\data.ms

(13) Phenanthrene-d10 (I)

16.967min (-0.021) 0.40 ng/ul m

response 3985

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.97#
80.00	14.80	11.22#
0.00	0.00	0.00

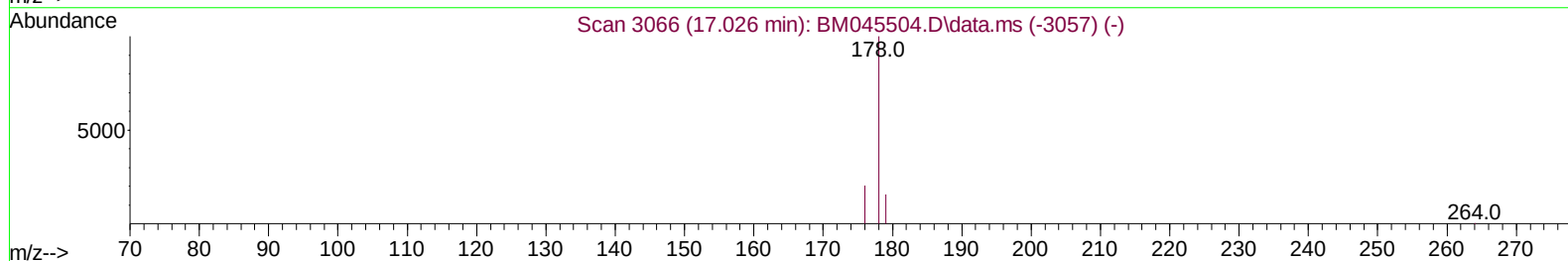
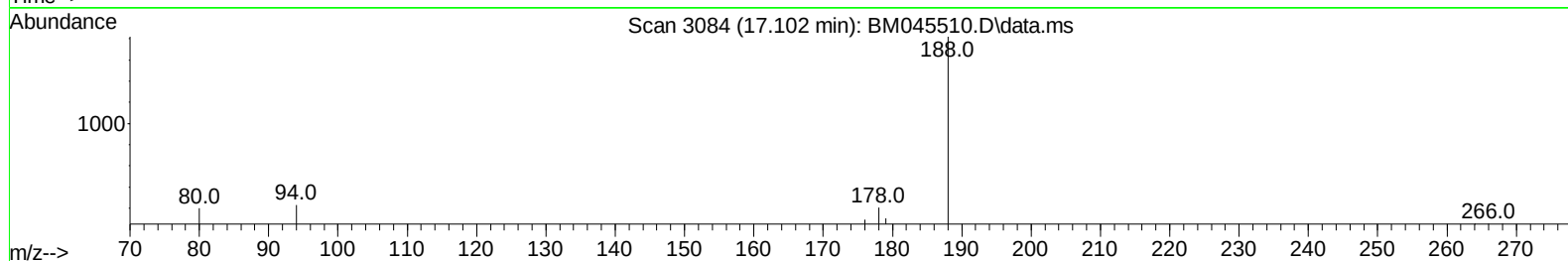
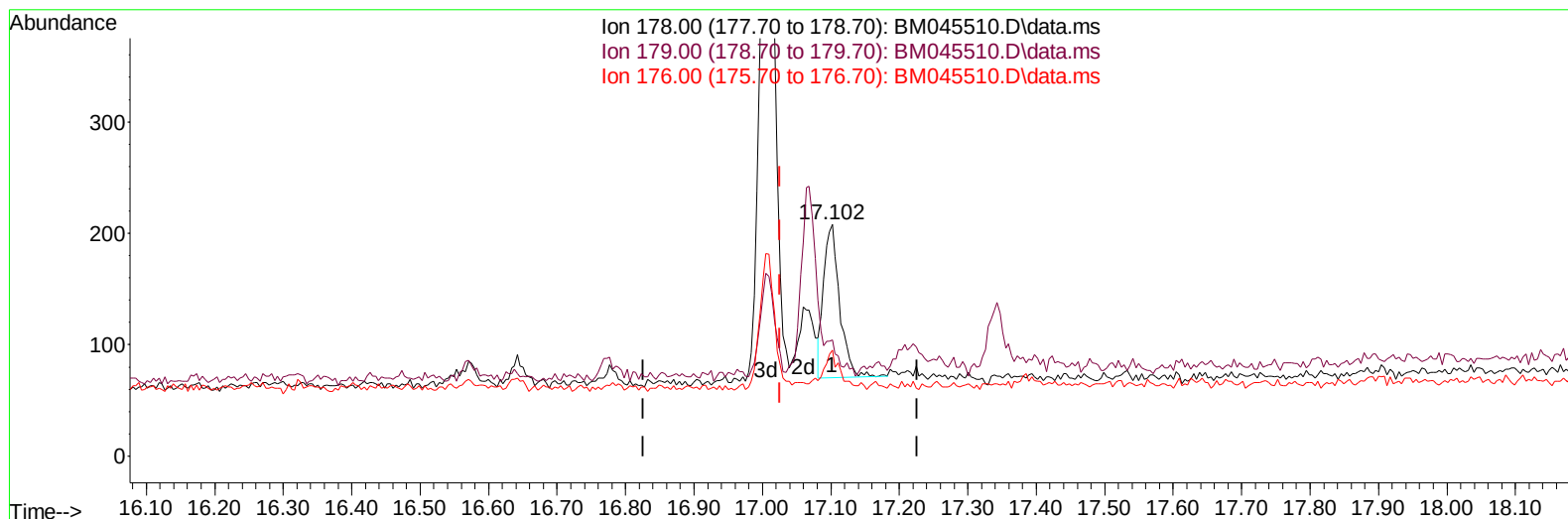
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TIC: BM045510.D\data.ms

(15) Phenanthrene

17.102min (+ 0.076) 0.02 ng/u1

response 224

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	50.00#
176.00	23.70	45.67#
0.00	0.00	0.00

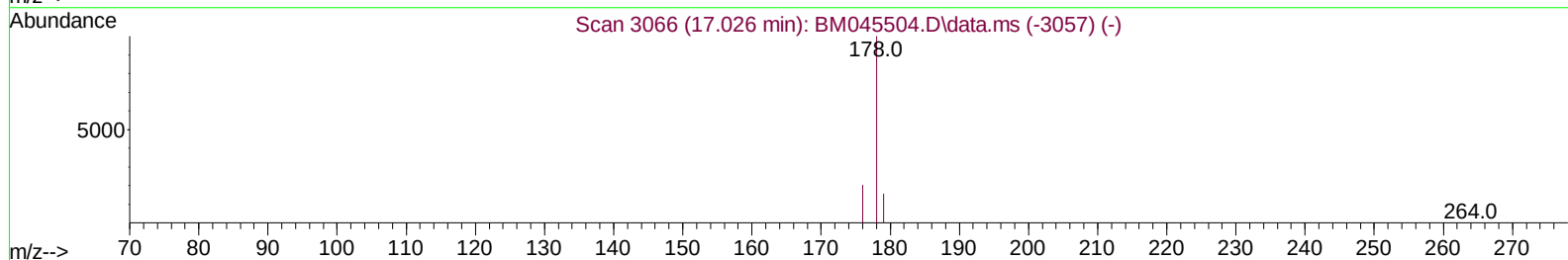
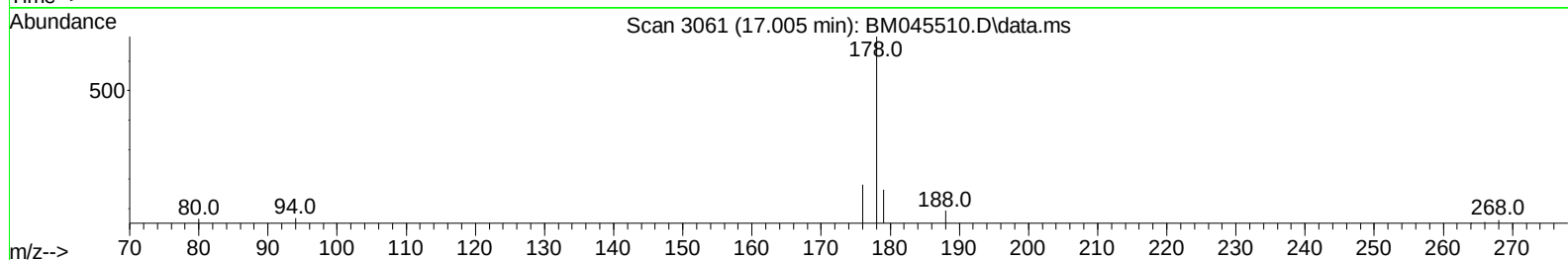
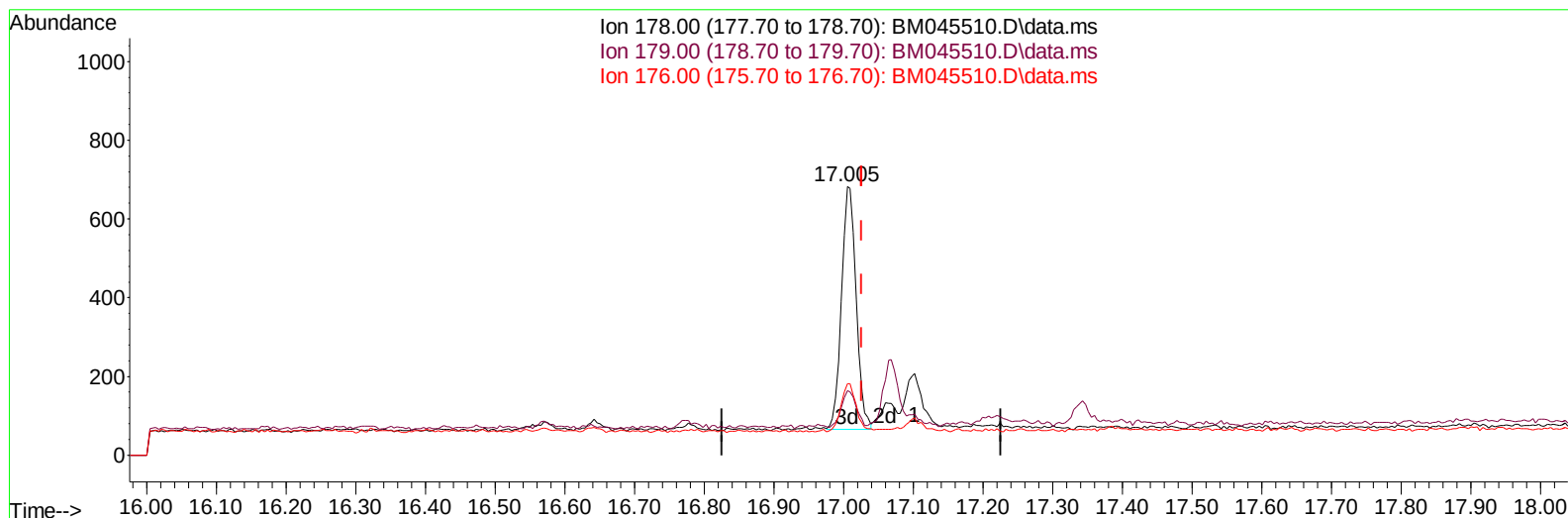
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM045510.D\data.ms

(15) Phenanthrene

17.005min (-0.021) 0.08 ng/ul m

response 895

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	24.01#
176.00	23.70	26.65
0.00	0.00	0.00

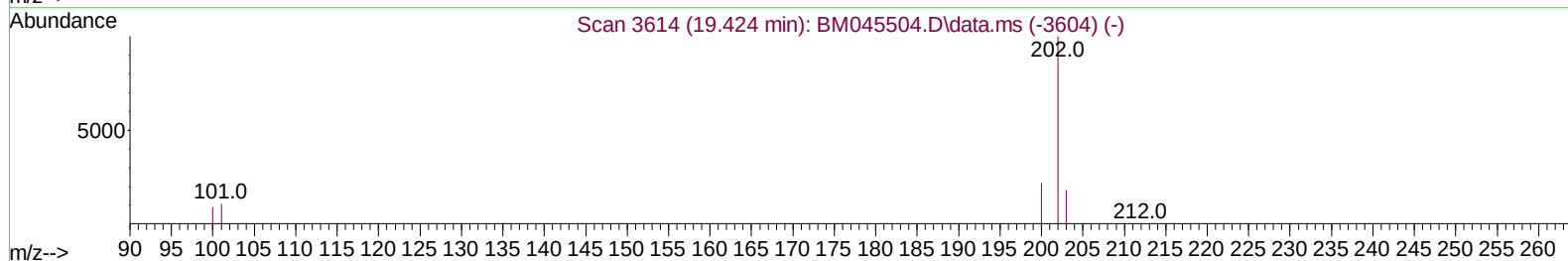
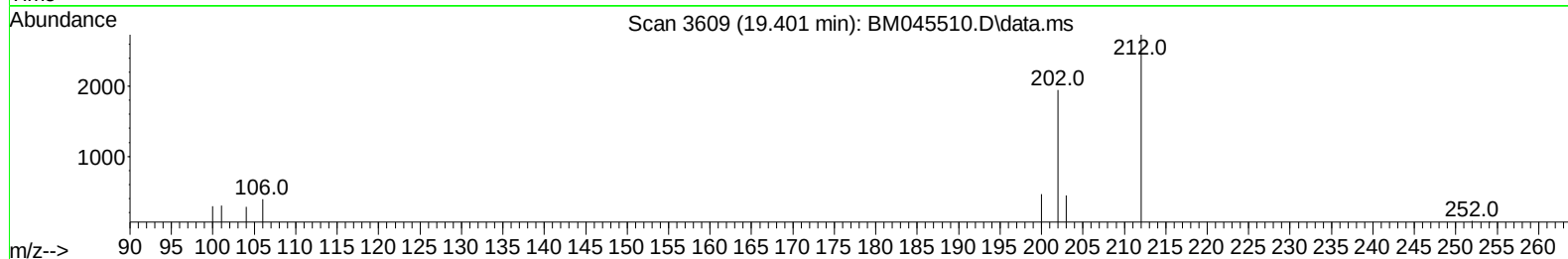
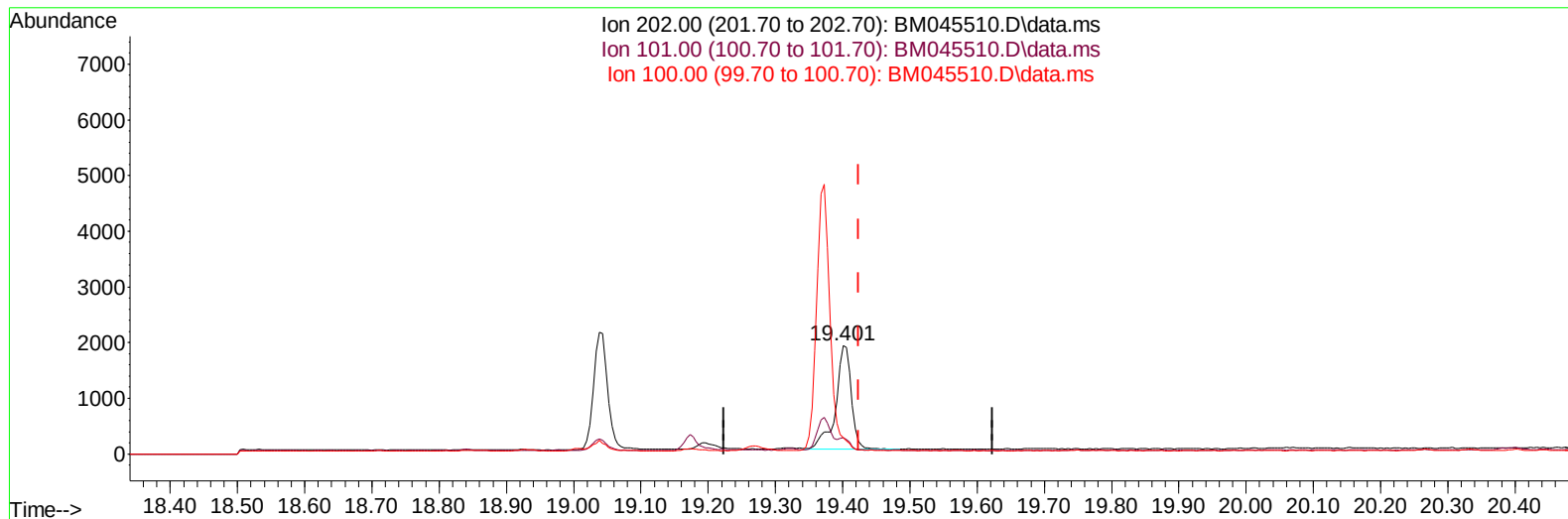
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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TIC: BM045510.D\data.ms

(20) Pyrene

19.401min (-0.023) 0.18 ng/u1

response 3041

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	15.20
100.00	13.20	14.79
0.00	0.00	0.00

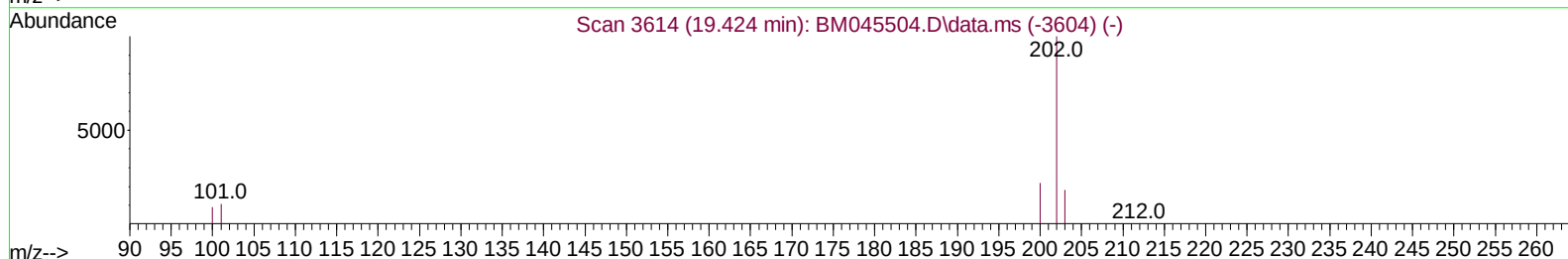
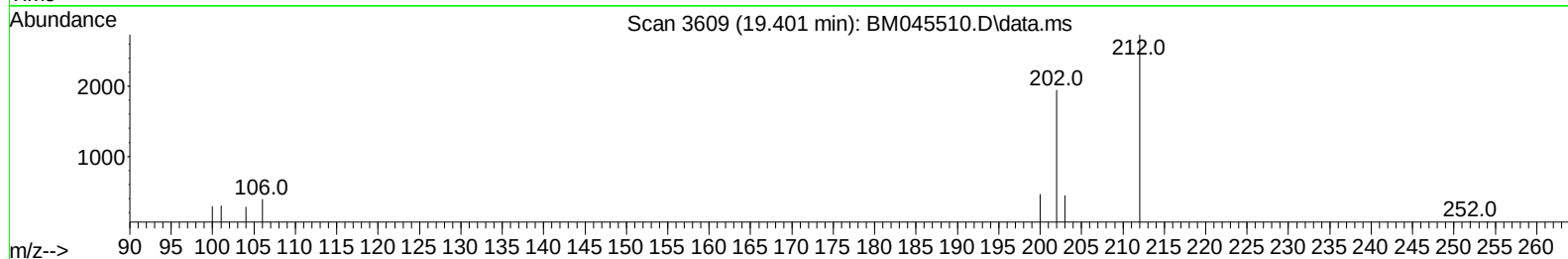
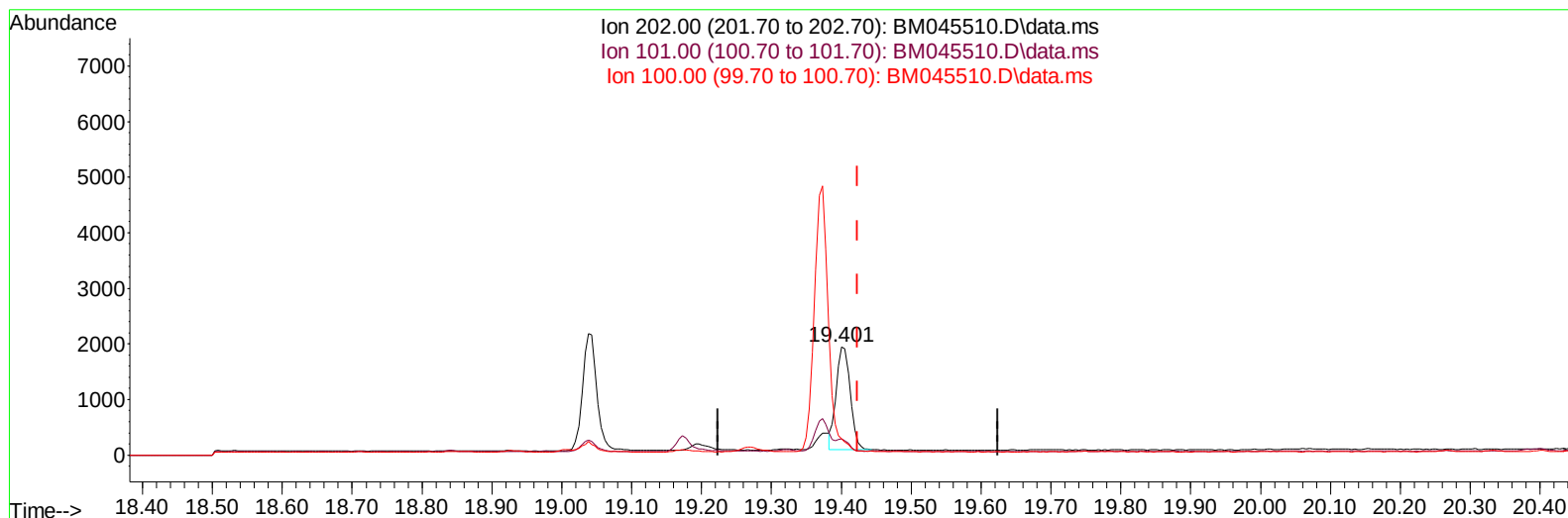
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

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TIC: BM045510.D\data.ms

(20) Pyrene

19.401min (-0.023) 0.15 ng/ul m

response 2568

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	15.20
100.00	13.20	14.79
0.00	0.00	0.00

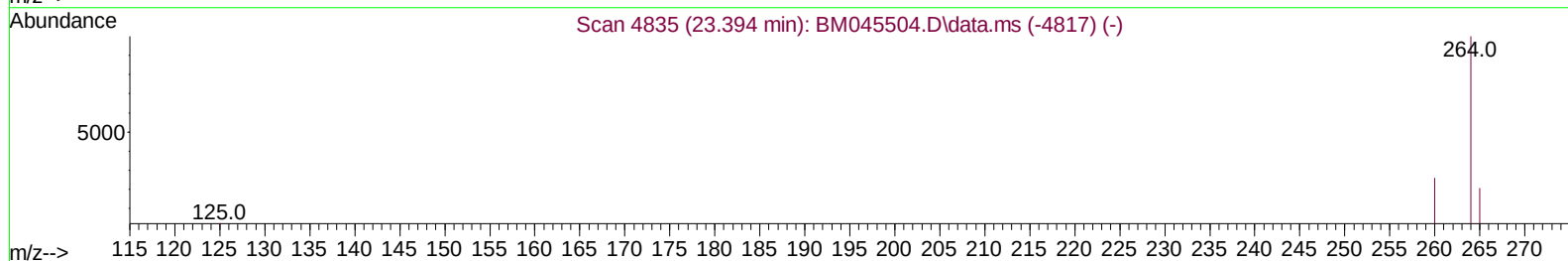
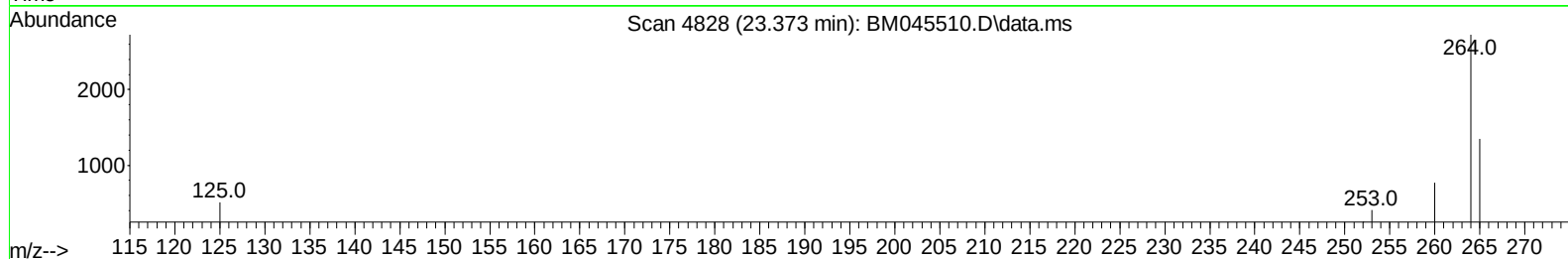
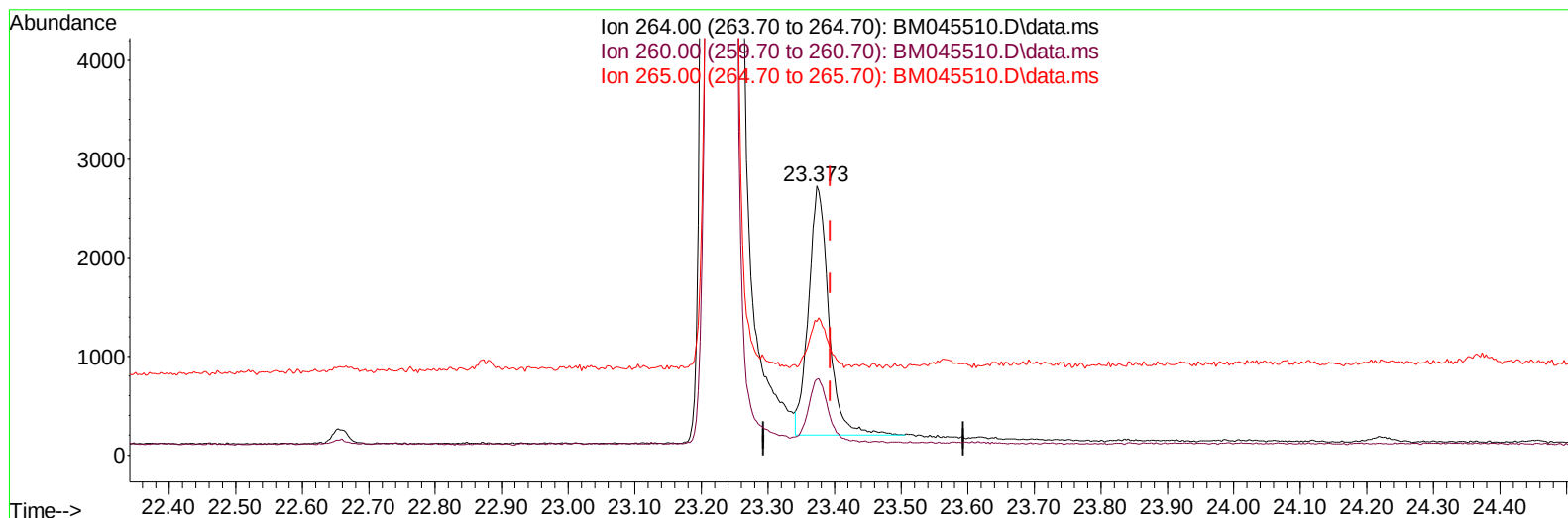
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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TIC: BM045510.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.020) 0.40 ng/u1

response 5325

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.25
265.00	86.70	49.56#
0.00	0.00	0.00

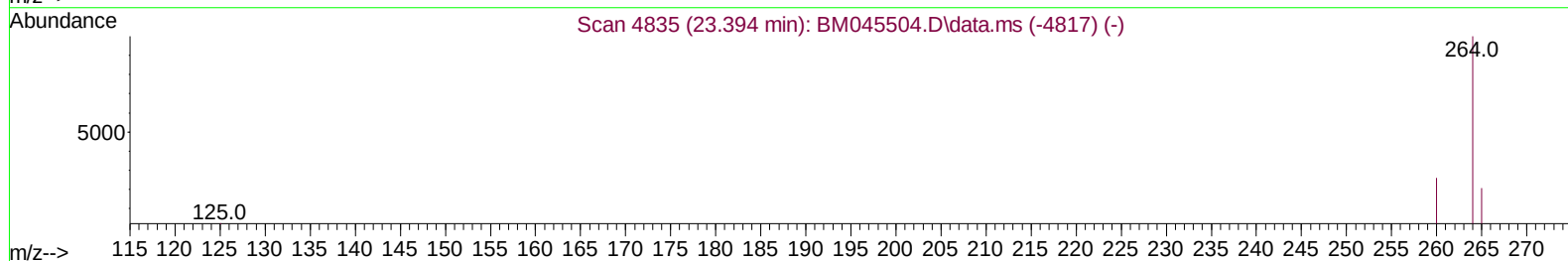
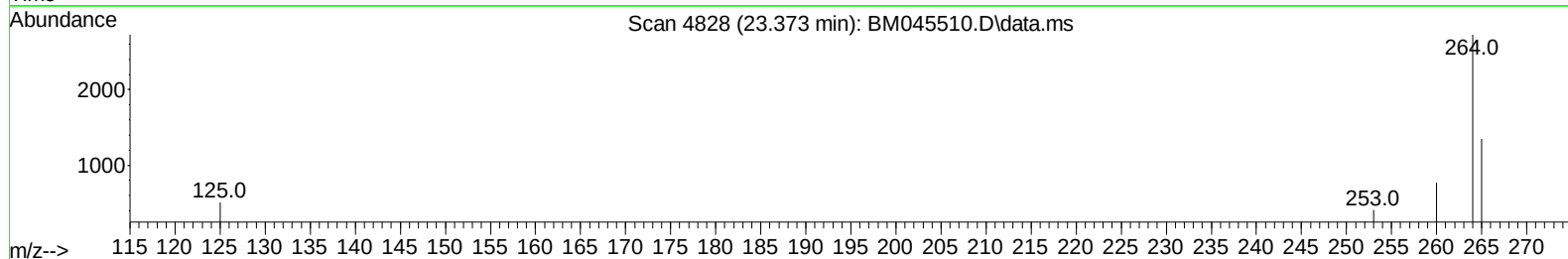
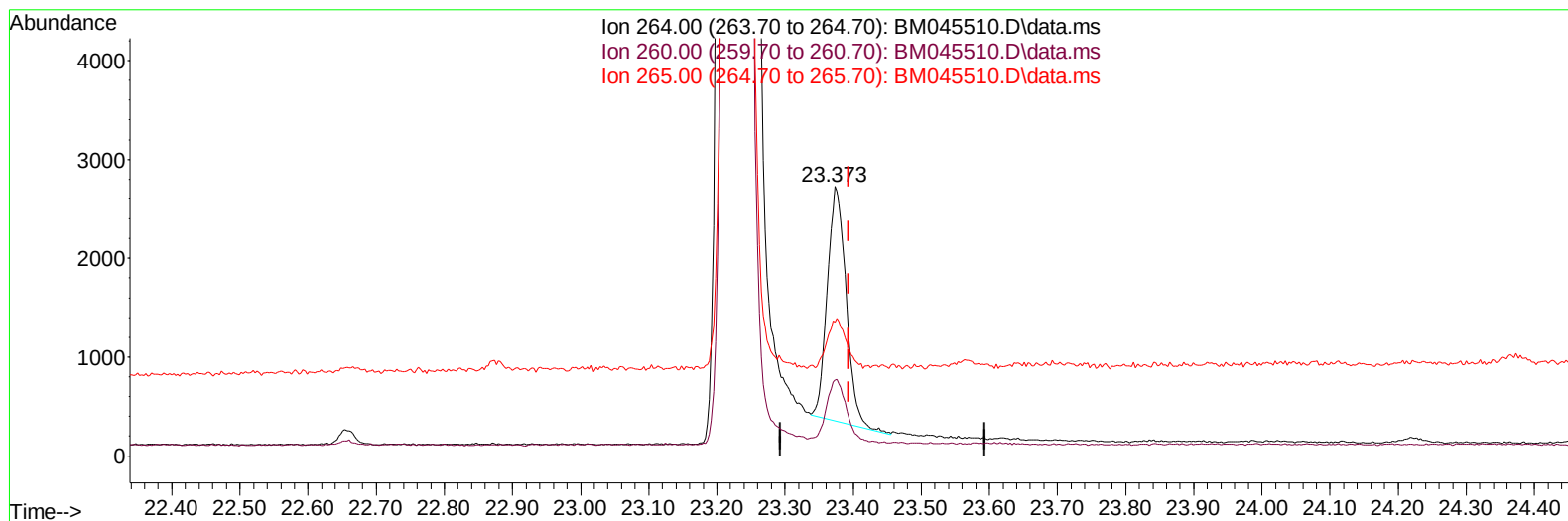
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

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TIC: BM045510.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.020) 0.40 ng/ul m

response 4517

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.25
265.00	86.70	49.56#
0.00	0.00	0.00

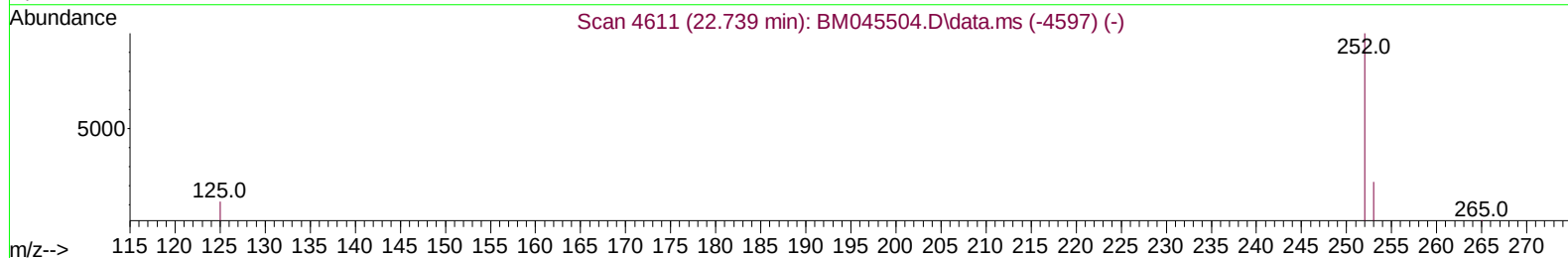
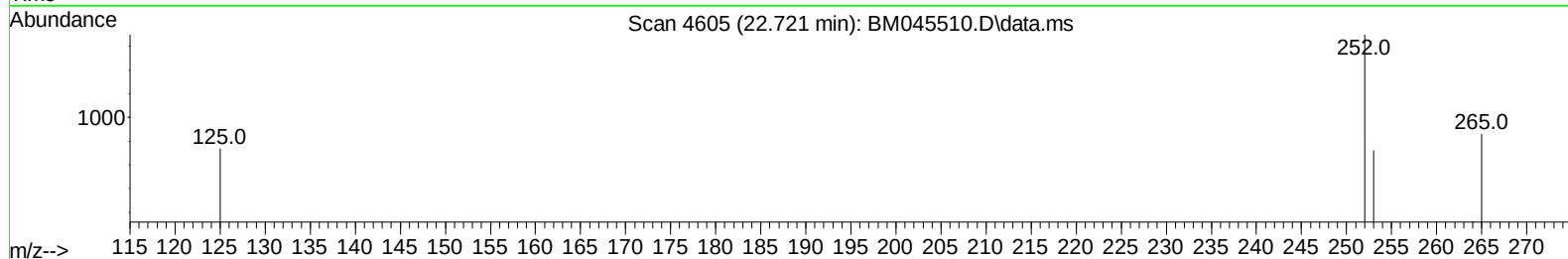
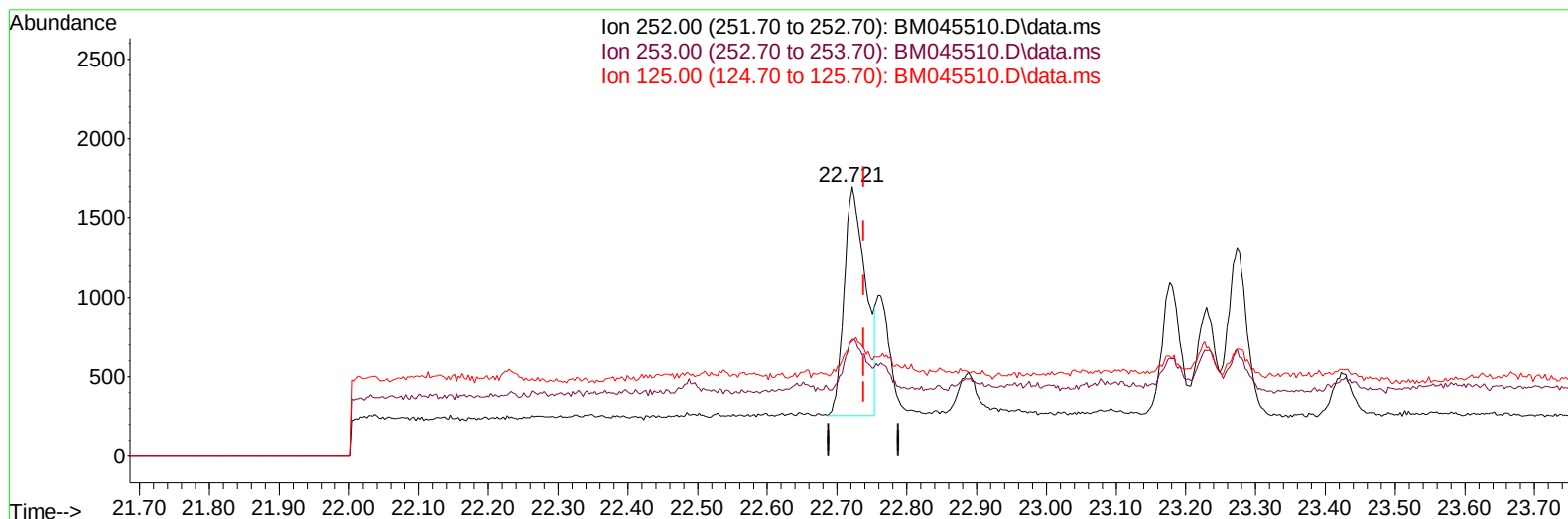
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ALS Vial : 41 Sample Multiplier: 1

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BNA_M
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TIC: BM045510.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.018) 0.20 ng/uL

response 3090

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	42.61
125.00	18.40	43.38#
0.00	0.00	0.00

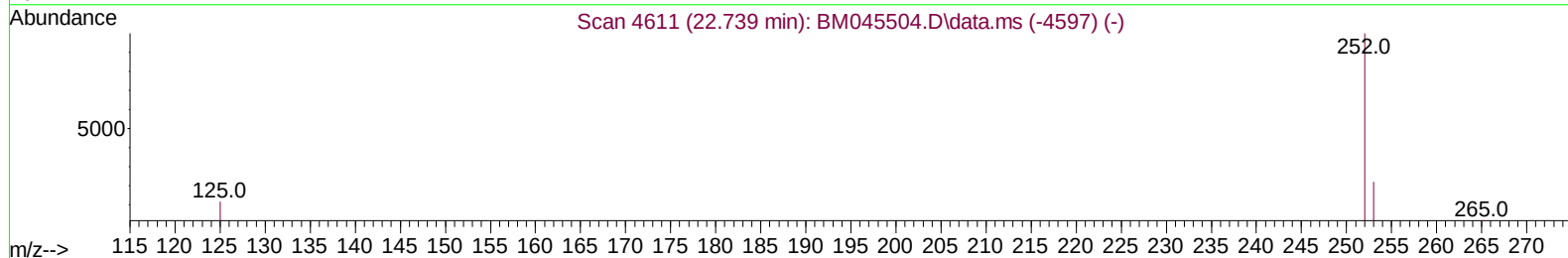
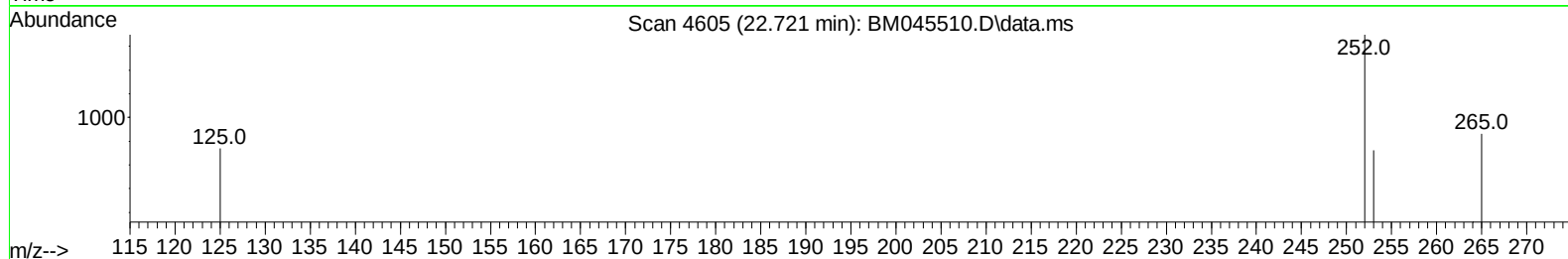
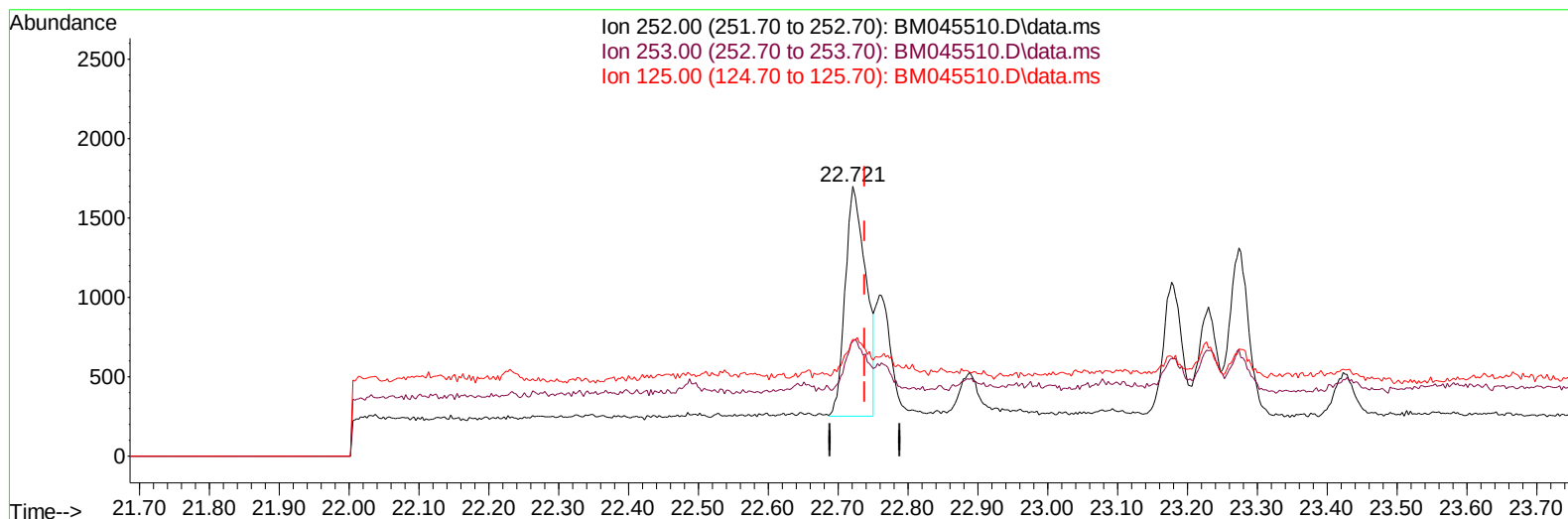
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 Operator : MA/JU
 Sample : P2104-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

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TIC: BM045510.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.018) 0.20 ng/ul m

response 2972

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	42.61
125.00	18.40	43.38#
0.00	0.00	0.00

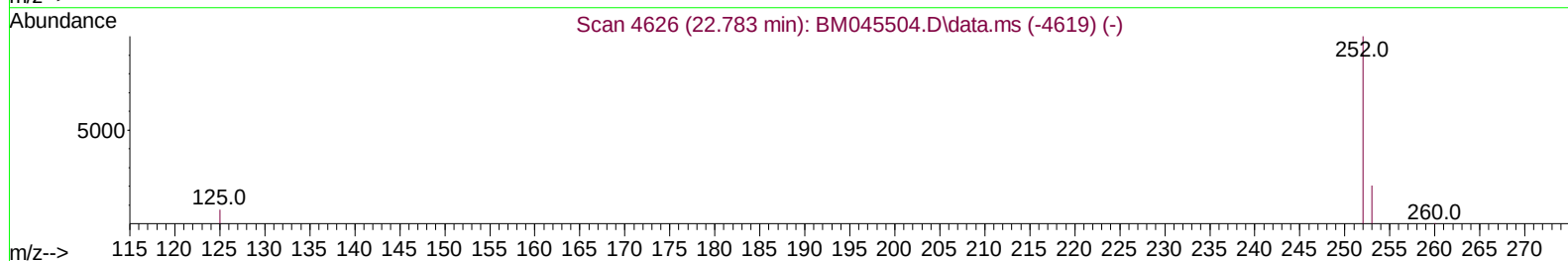
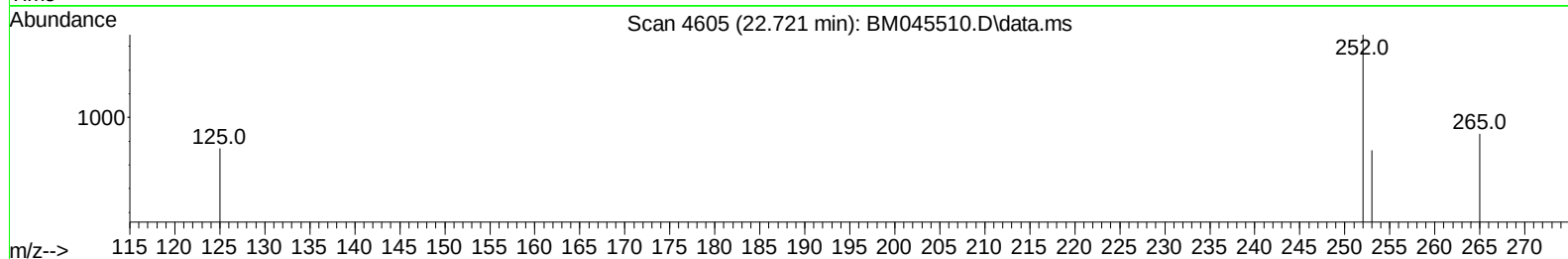
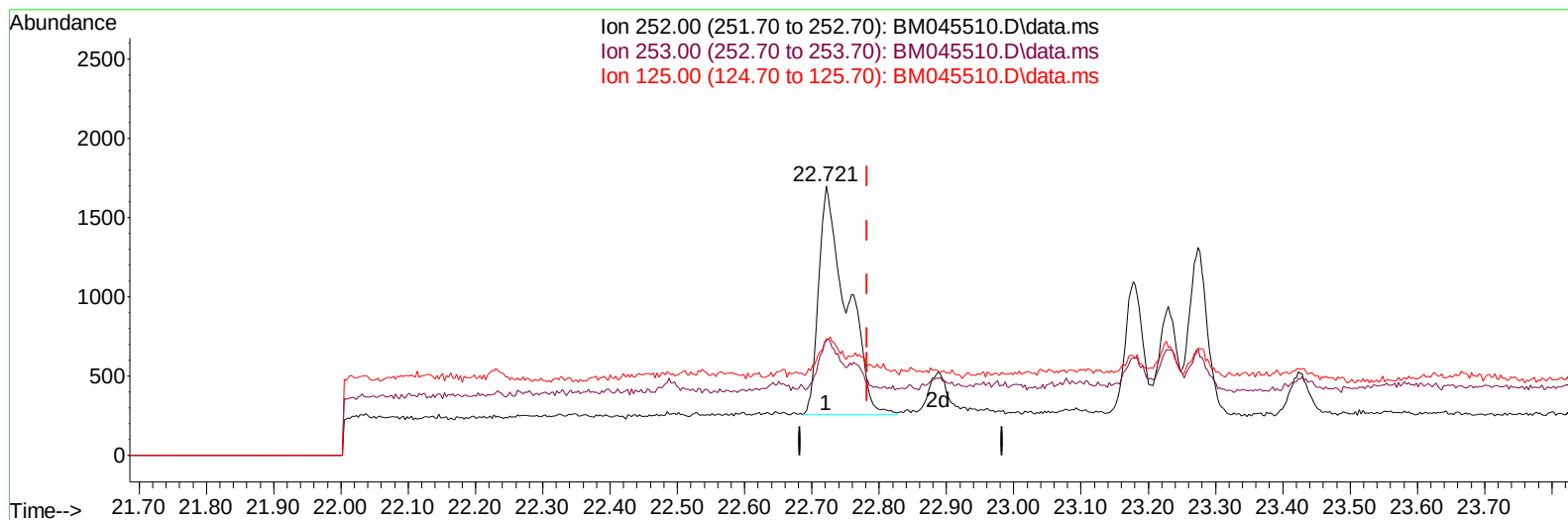
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Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

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TIC: BM045510.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.061) 0.22 ng/u1

response 4165

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	42.61#
125.00	18.50	43.38#
0.00	0.00	0.00

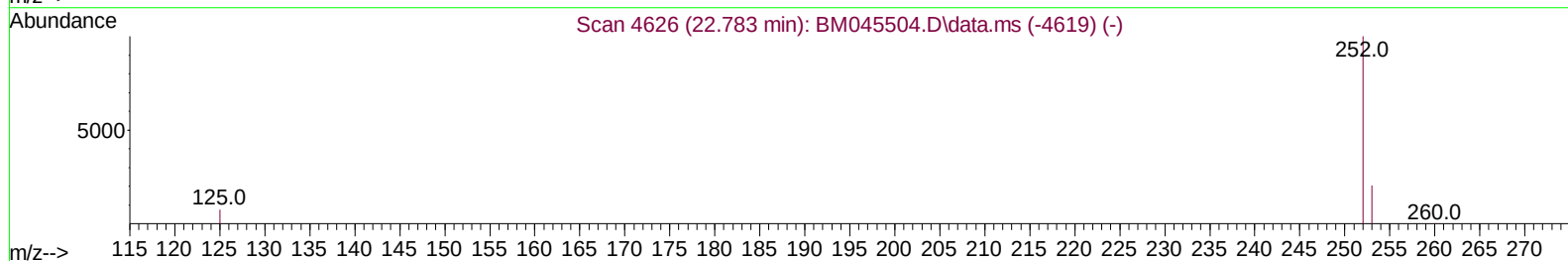
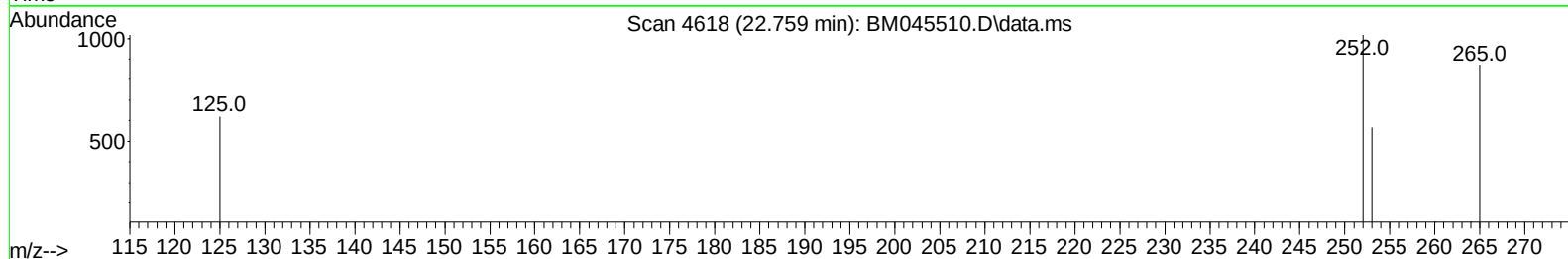
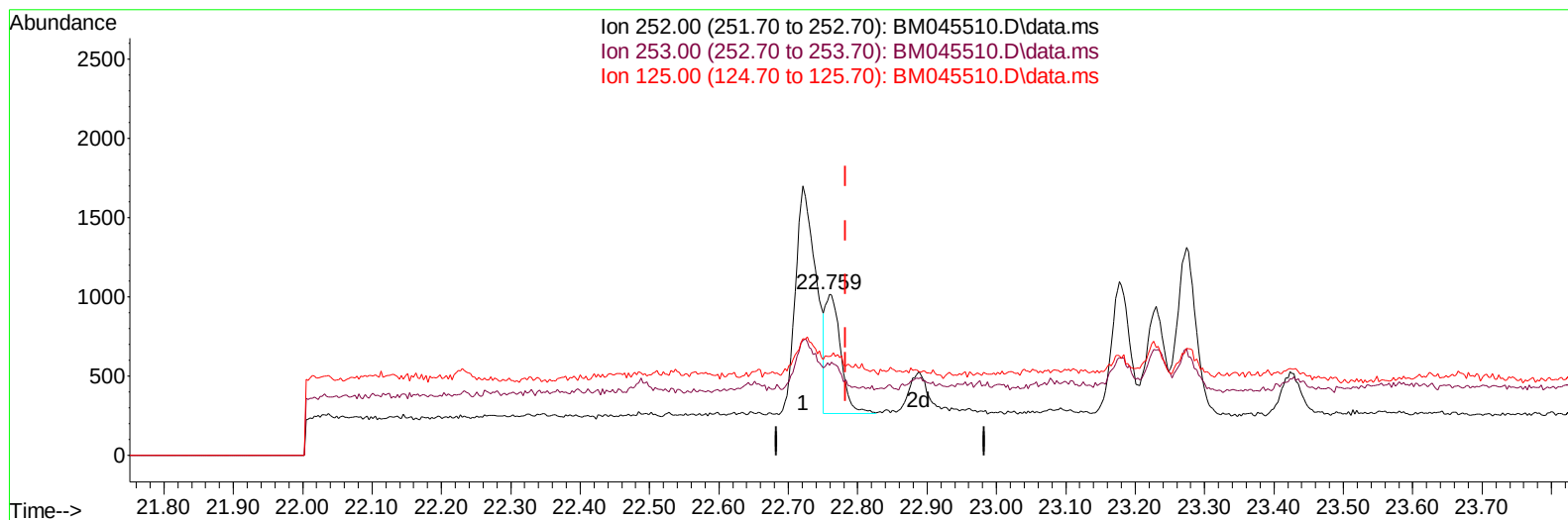
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Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

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TIC: BM045510.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.023) 0.06 ng/ul m

response 1146

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	55.65#
125.00	18.50	61.06#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 41 Sample Multiplier: 1

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152		1620	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136		4477	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.205	164		2112	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188		3985m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.190	240		3504	0.400	ng/ul	-0.01
23) Perylene-d12	23.373	264		4517m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.167	96		7601	3.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152		1432	0.243	ng/ul	-0.03
18) Fluoranthene-d10	19.010	212		2269	0.206	ng/ul	-0.01
Target Compounds							Qvalue
10) Acenaphthylene	13.923	152		485	0.047	ng/ul#	69
15) Phenanthrene	17.005	178		895m	0.077	ng/ul	
19) Fluoranthene	19.038	202		3131	0.194	ng/ul	97
20) Pyrene	19.401	202		2568m	0.155	ng/ul	
21) Benzo(a)anthracene	21.176	228		1680	0.150	ng/ul#	81
22) Chrysene	21.225	228		1553	0.090	ng/ul#	84
24) Benzo(b)fluoranthene	22.721	252		2972m	0.196	ng/ul	
25) Benzo(k)fluoranthene	22.759	252		1146m	0.060	ng/ul	
26) Benzo(a)pyrene	23.274	252		1951	0.124	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.568	276		2000	0.087	ng/ul#	95
29) Benzo(g,h,i)perylene	26.232	276		2016	0.098	ng/ul#	74

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045510.D
Acq On : 23 Apr 2024 12:37
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB1

Manual IntegrationsAPPROVED

Quant Time: Apr 24 04:50:16 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 04:47:50 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024

