

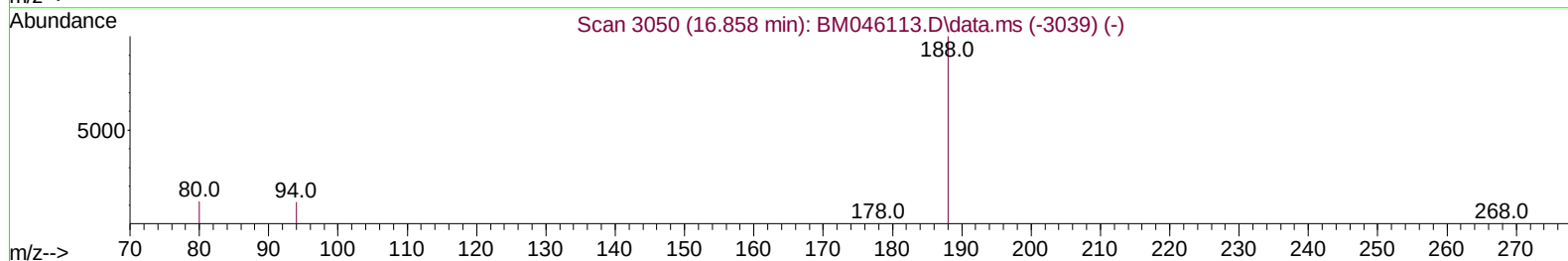
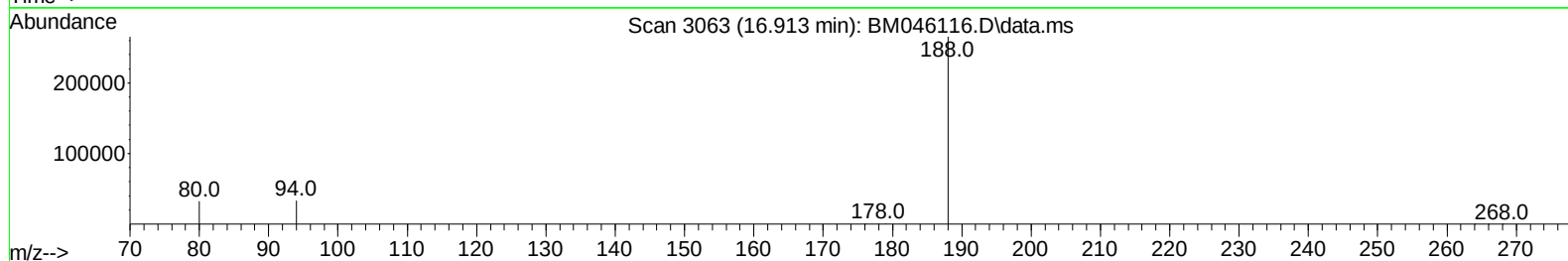
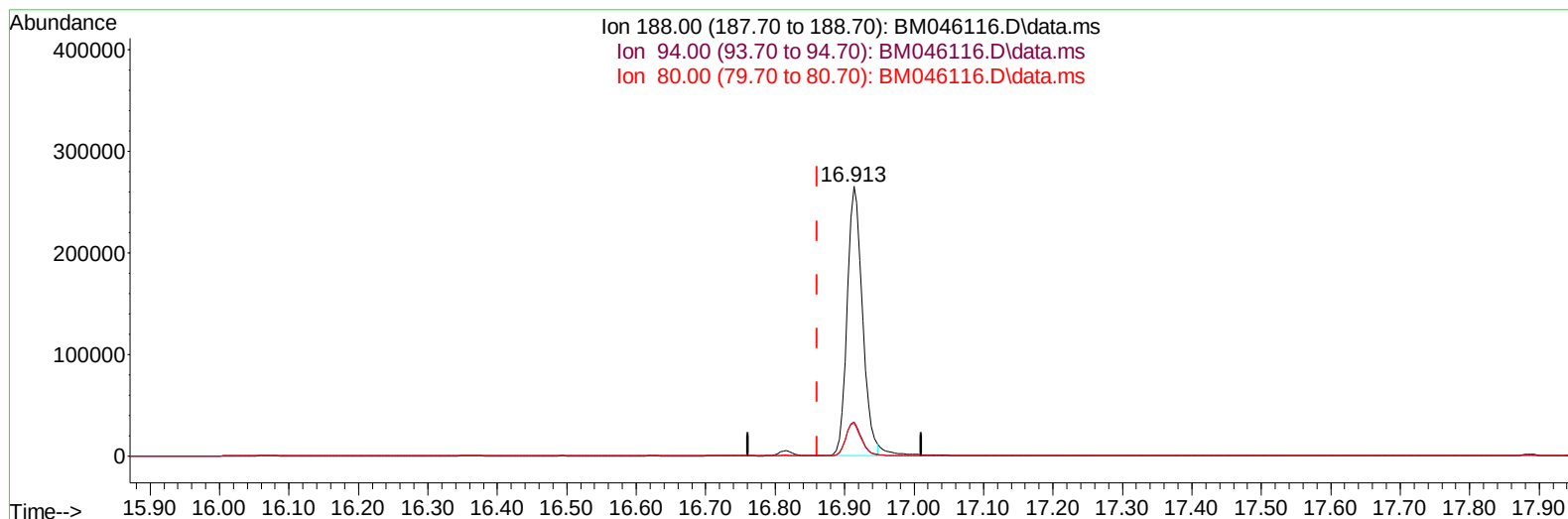
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

Quant Time: Jun 20 11:44:50 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 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046116.D\data.ms

(13) Phenanthrene-d10 (I)

16.913min (+ 0.052) 0.40 ng/u1

response 403028

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.73
80.00	15.20	12.28
0.00	0.00	0.00

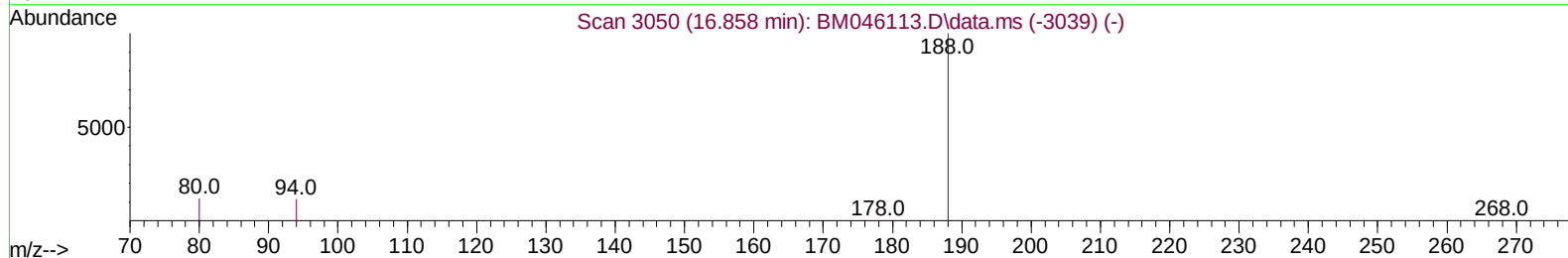
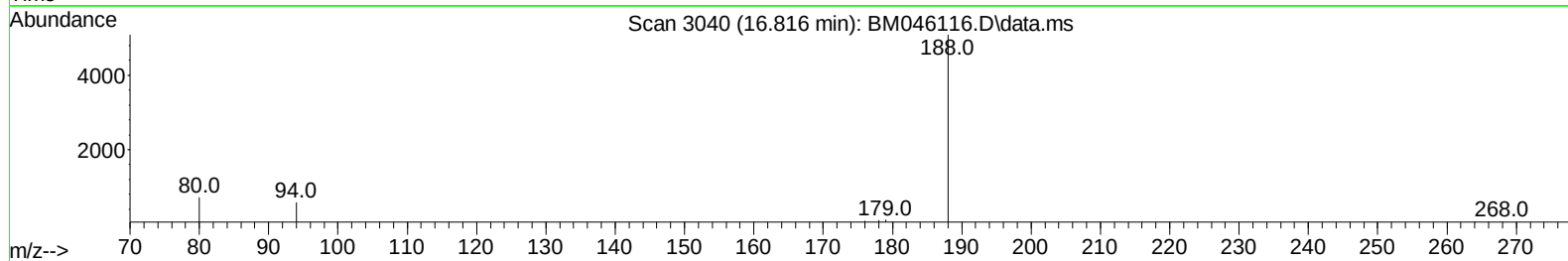
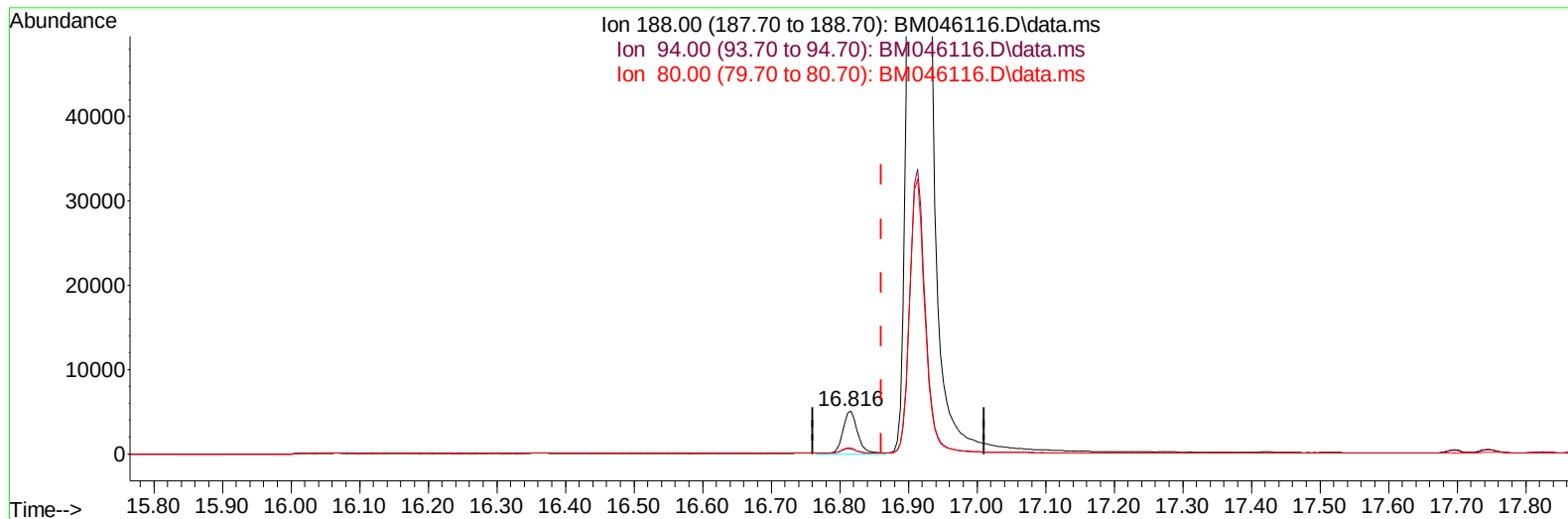
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/ul m

response 7633

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.57
80.00	15.20	14.02
0.00	0.00	0.00

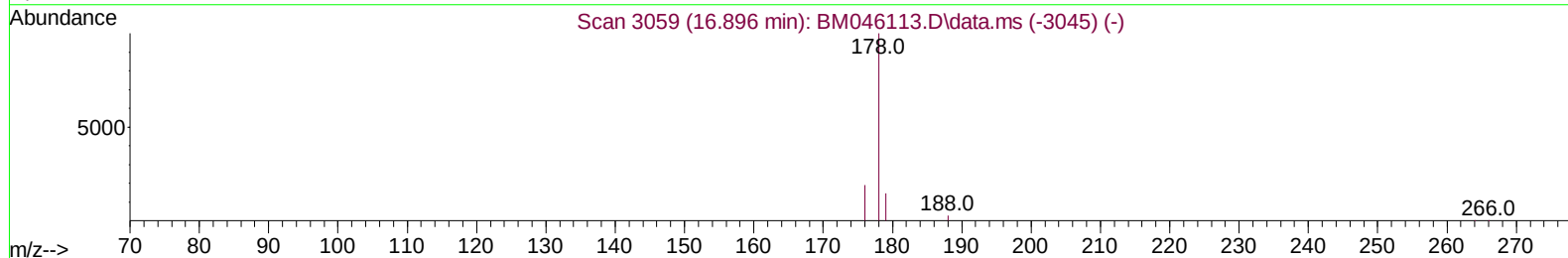
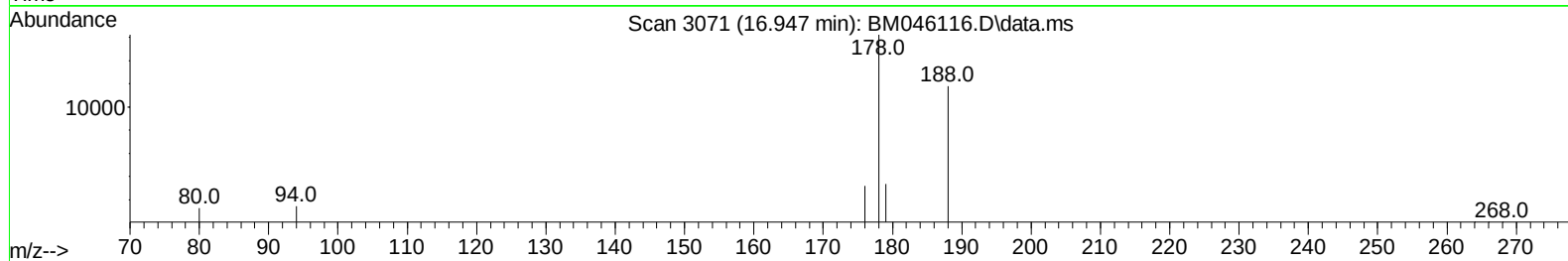
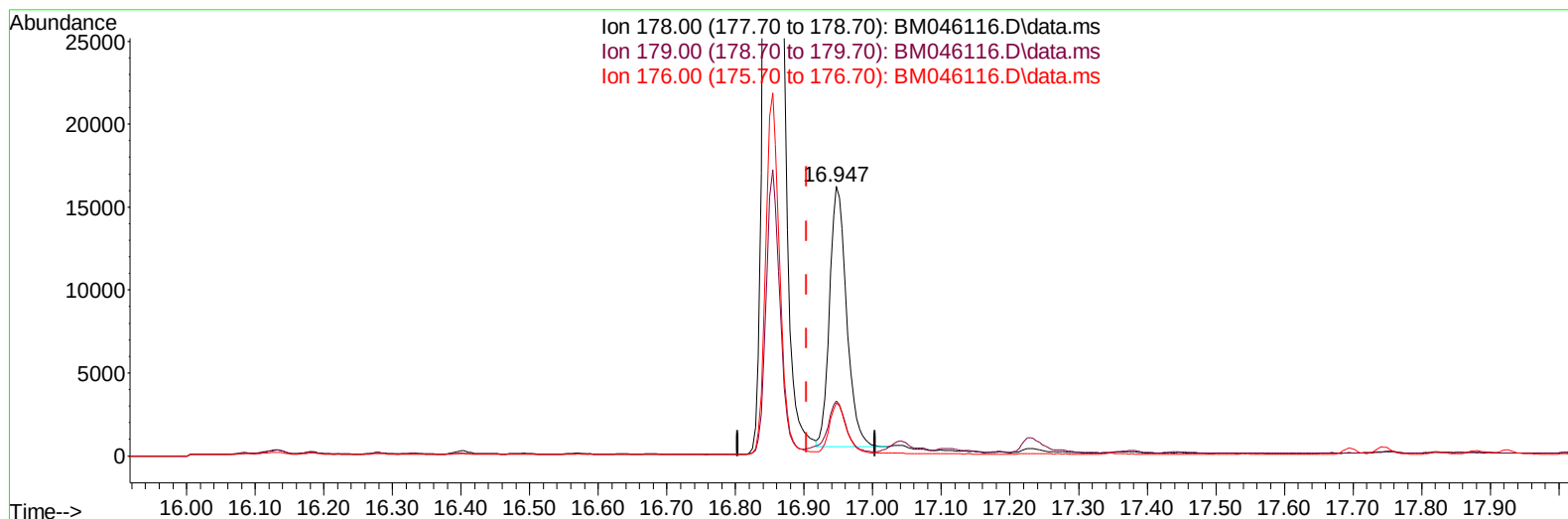
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.D\data.ms

(15) Phenanthrene

16.947min (+ 0.044) 1.26 ng/ul

response 27112

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	20.45
176.00	21.40	19.67
0.00	0.00	0.00

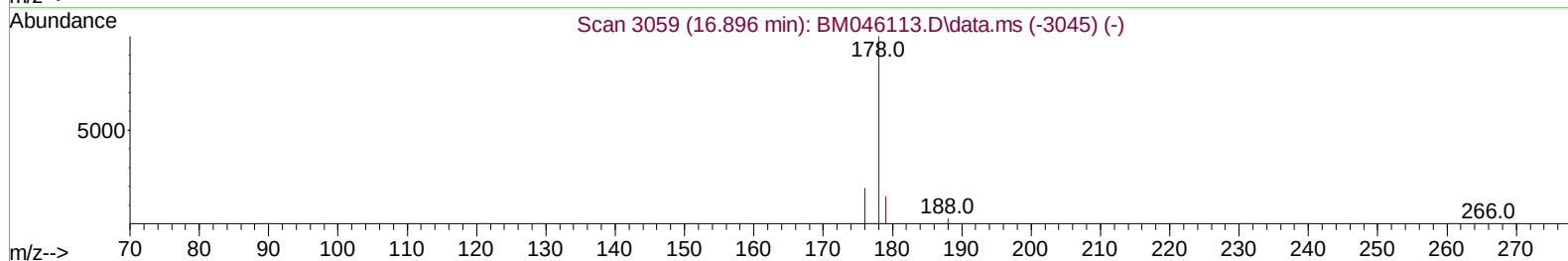
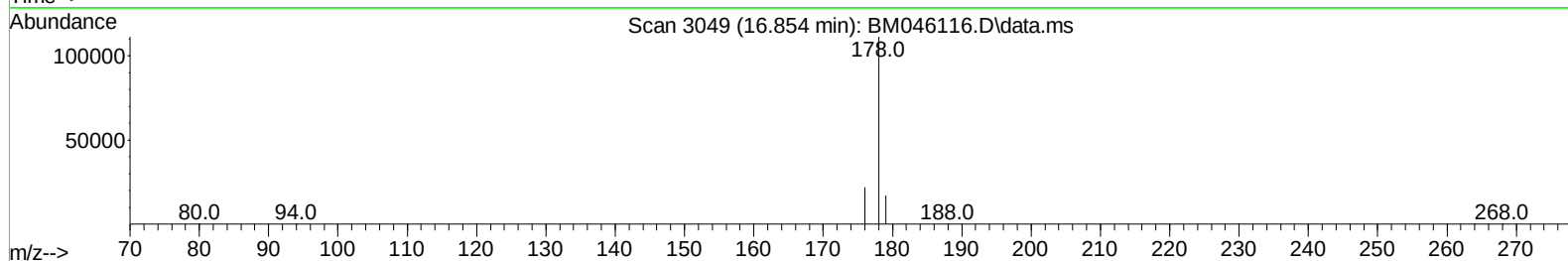
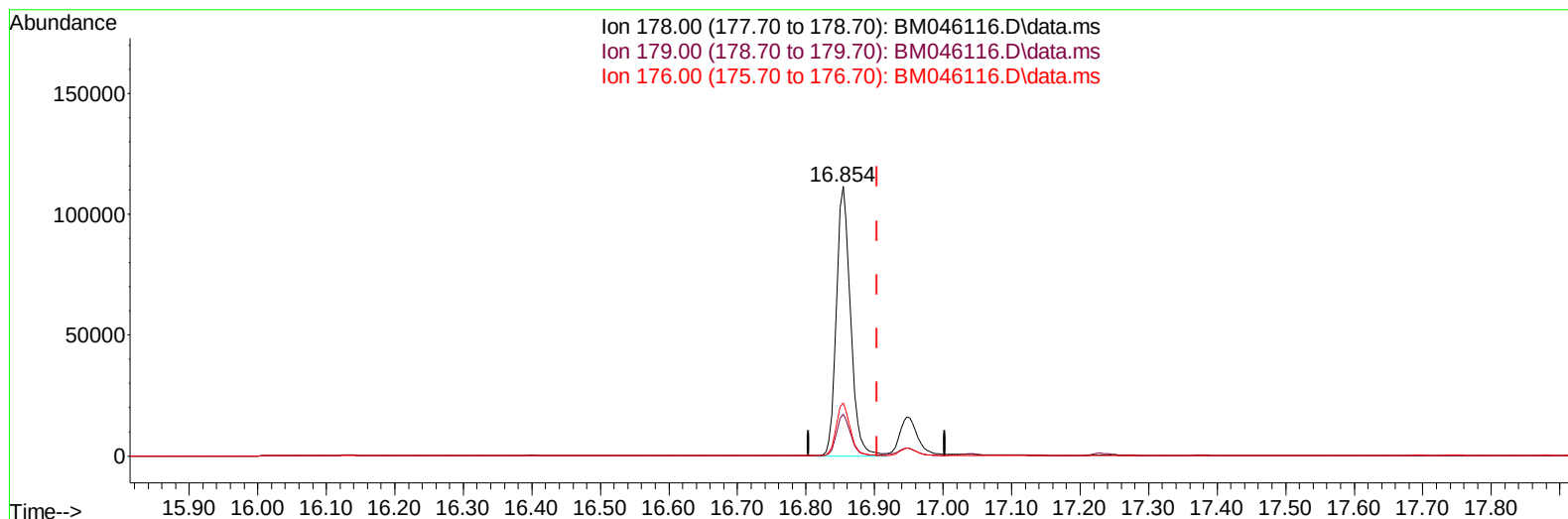
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

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TIC: BM046116.D\data.ms

(15) Phenanthrene

16.854min (-0.049) 7.46 ng/ul m

response 160073

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.46
176.00	21.40	19.62
0.00	0.00	0.00

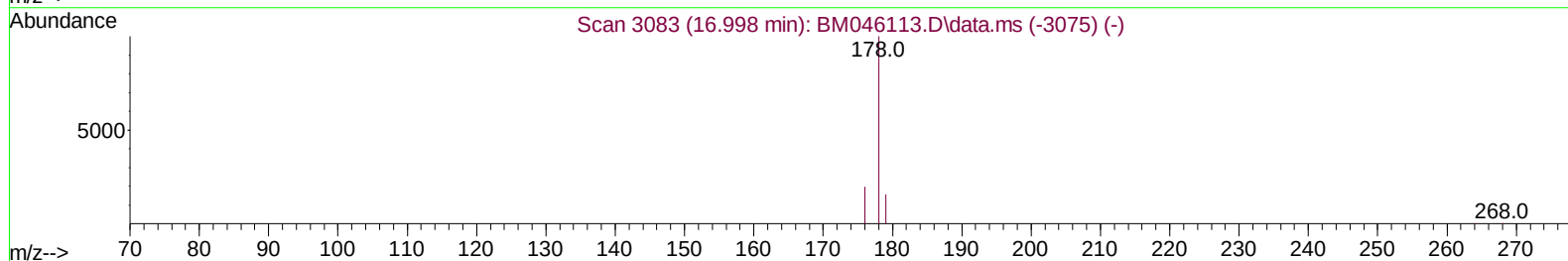
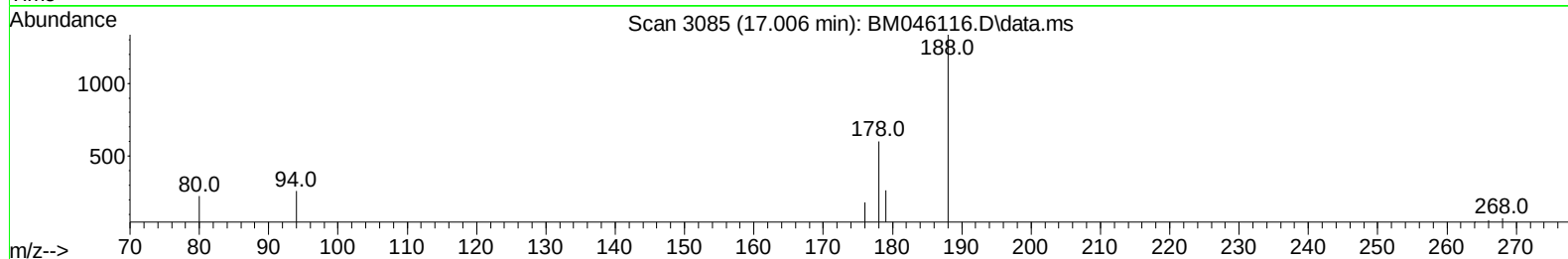
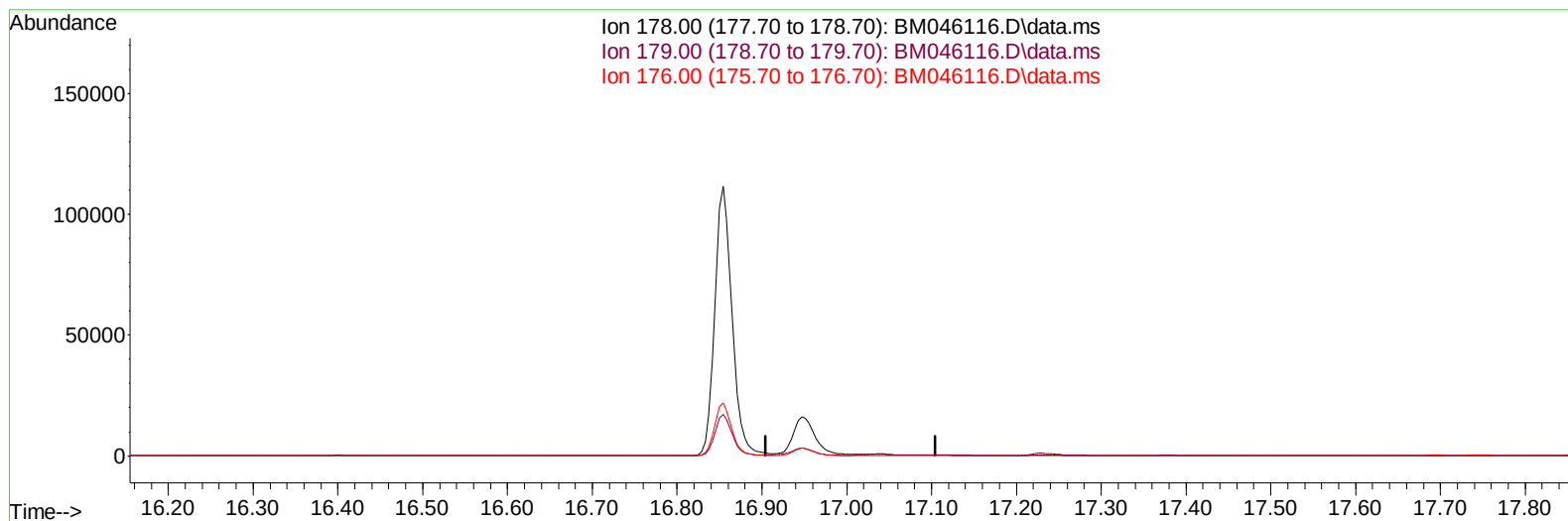
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.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

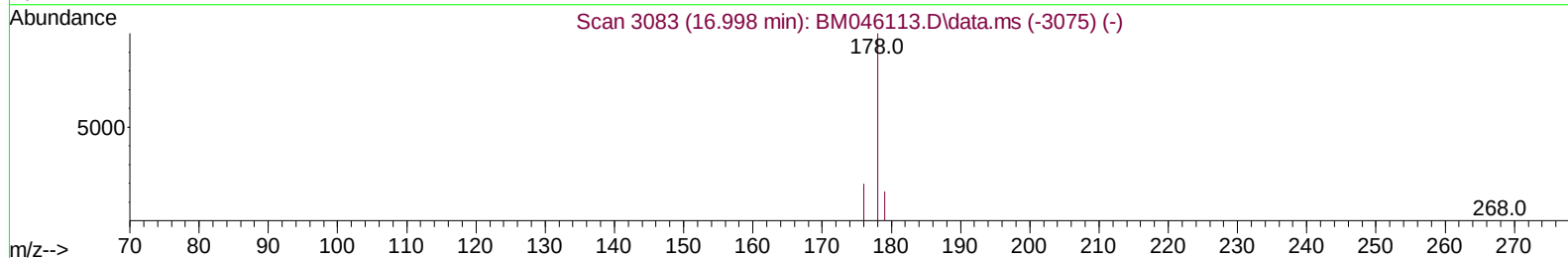
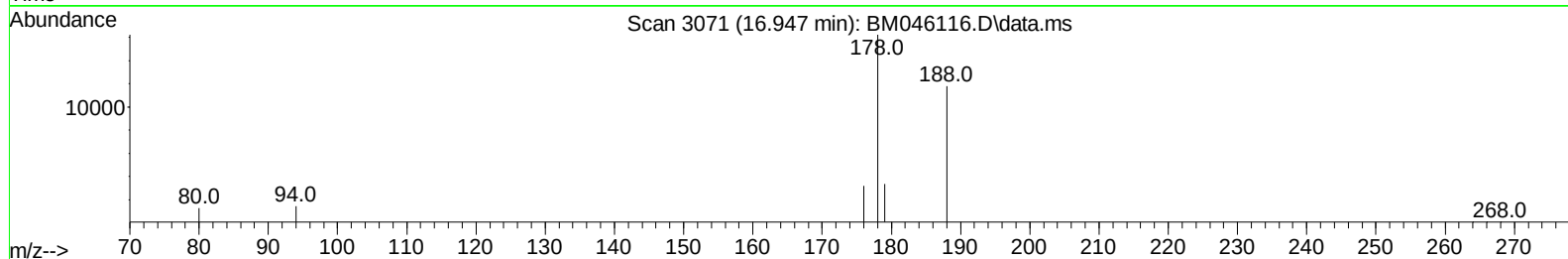
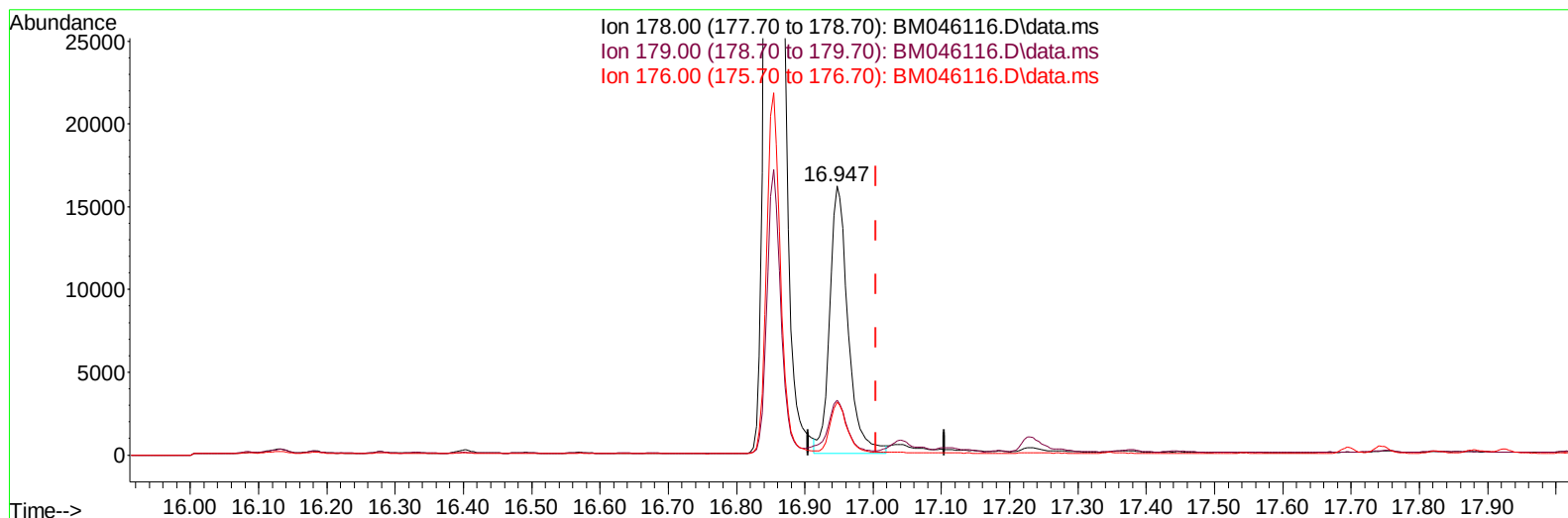
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

Quant Time: Jun 20 11:44:50 2024
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TIC: BM046116.D\data.ms

(16) Anthracene

16.947min (-0.058) 1.89 ng/ul m

response 30197

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	20.45
176.00	21.20	19.67
0.00	0.00	0.00

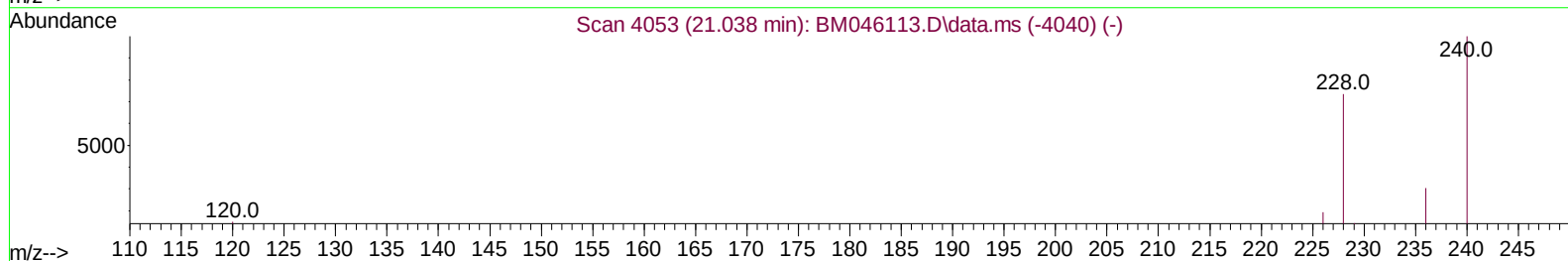
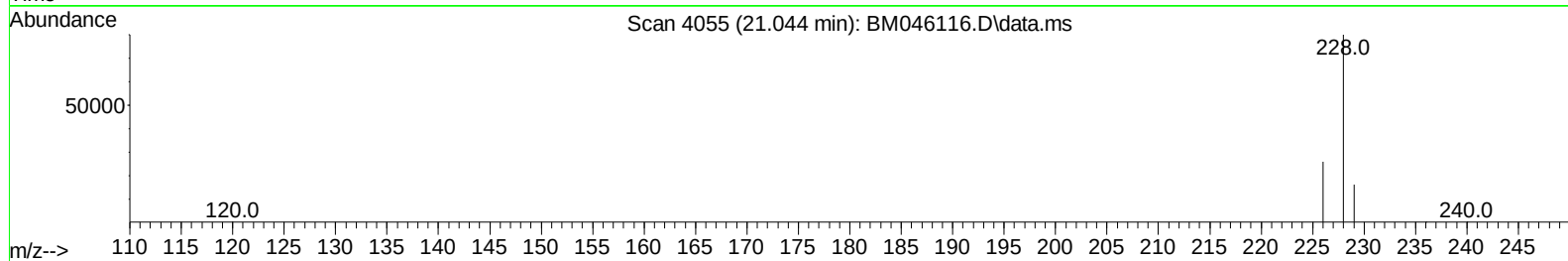
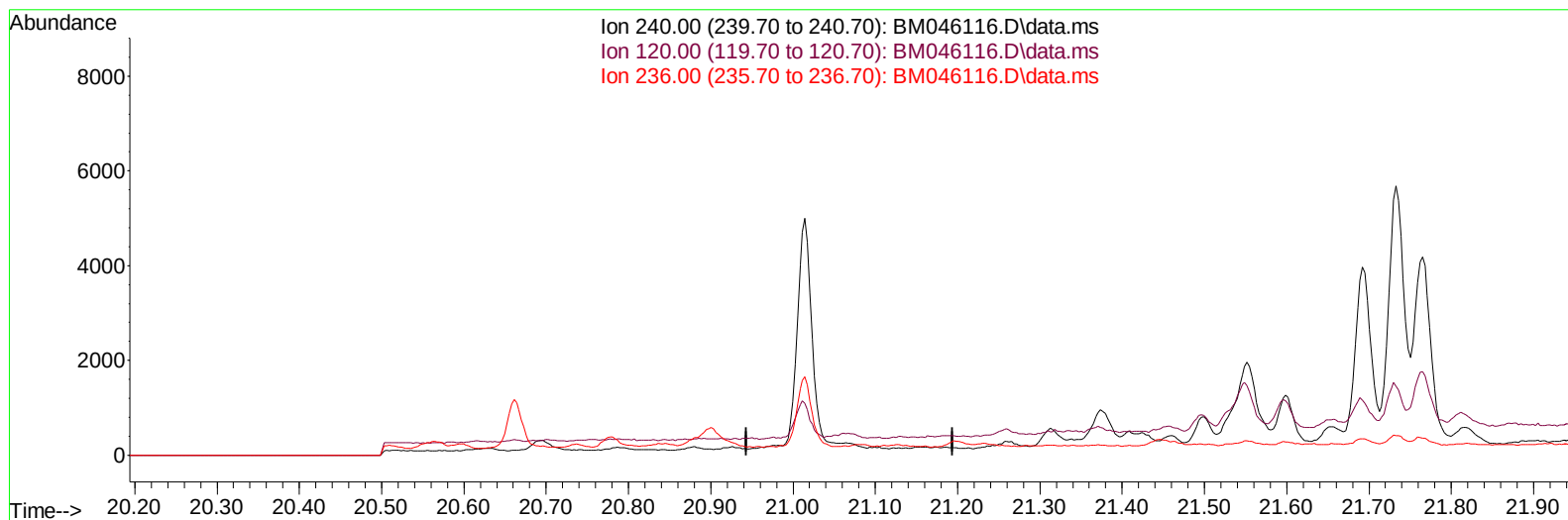
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.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

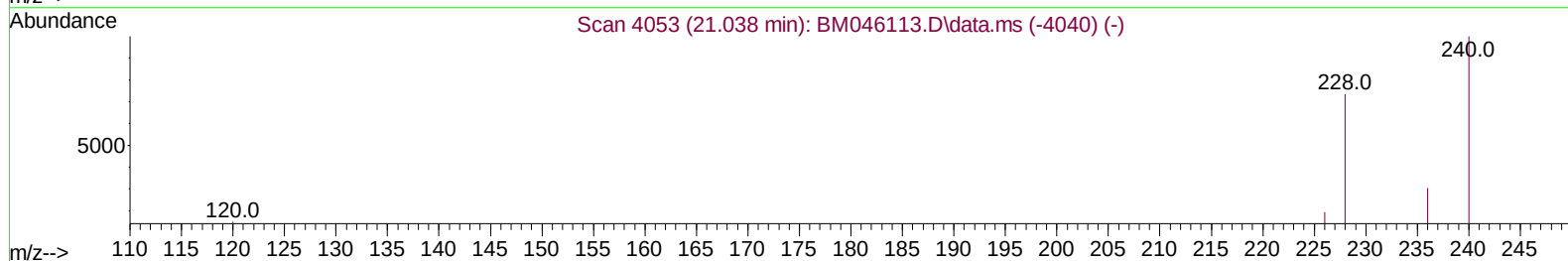
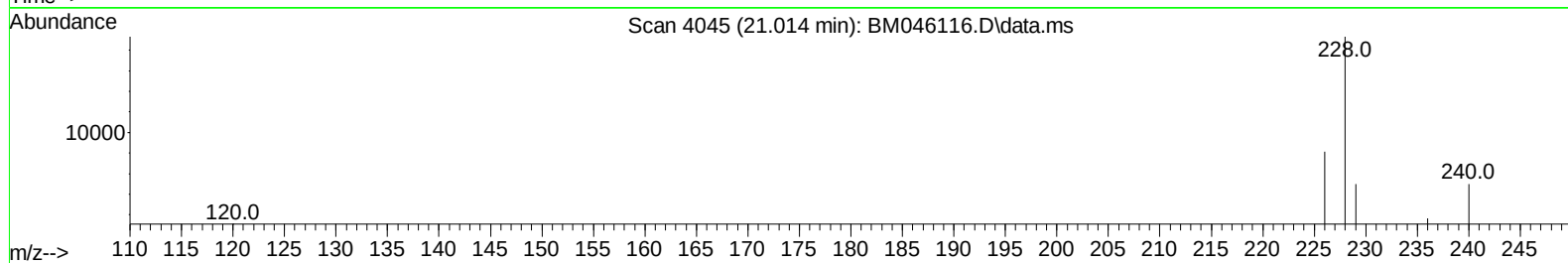
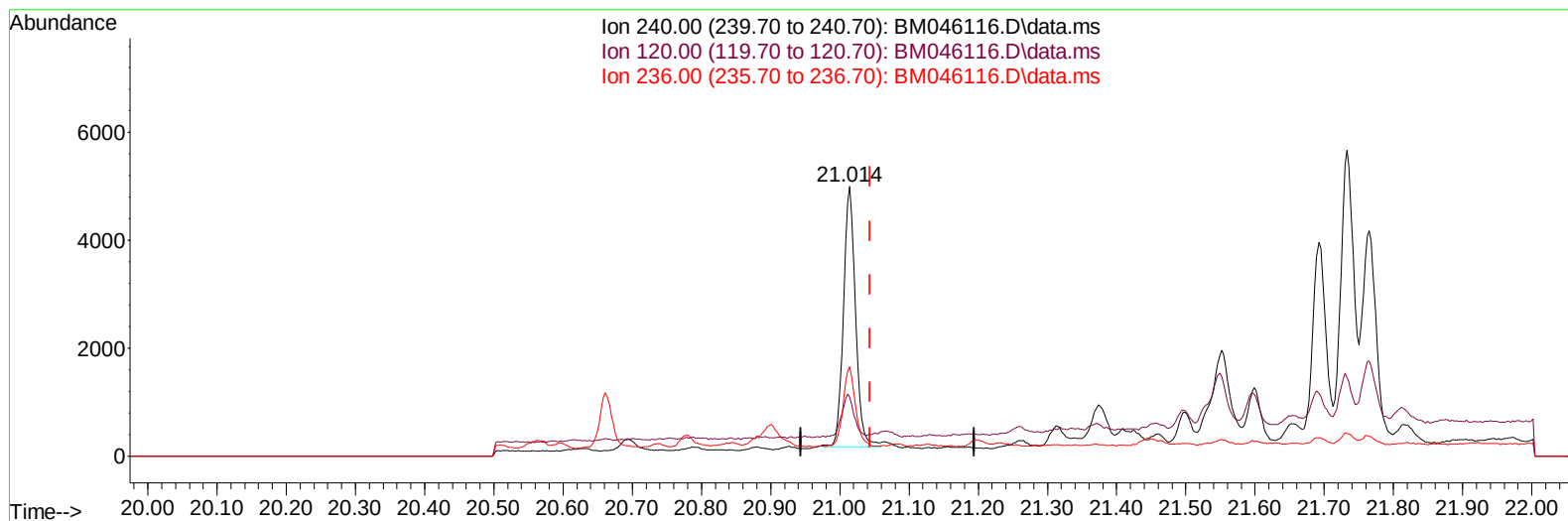
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

Quant Time: Jun 20 11:44:50 2024
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046116.D\data.ms

(17) Chrysene-d12

21.014min (-0.030) 0.40 ng/ul m

response 5836

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.79
236.00	33.60	33.07
0.00	0.00	0.00

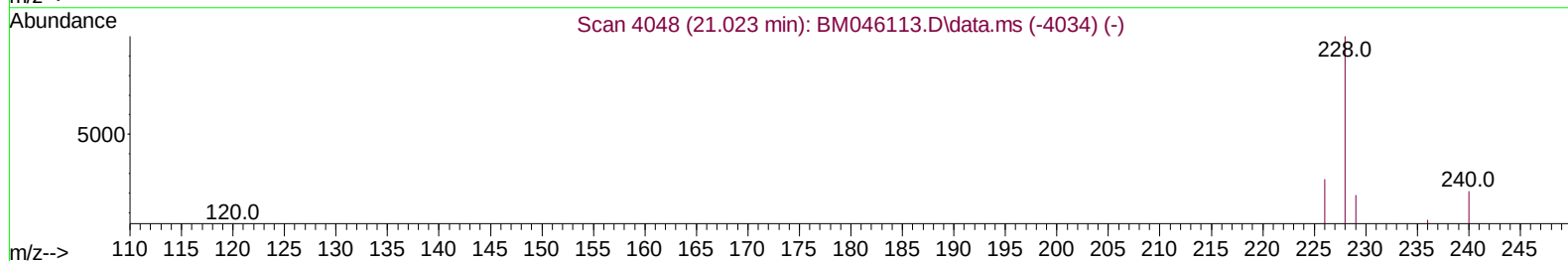
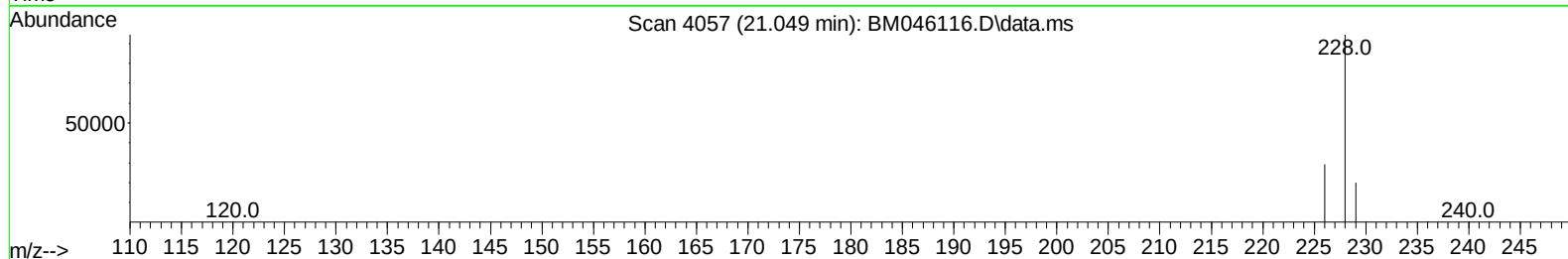
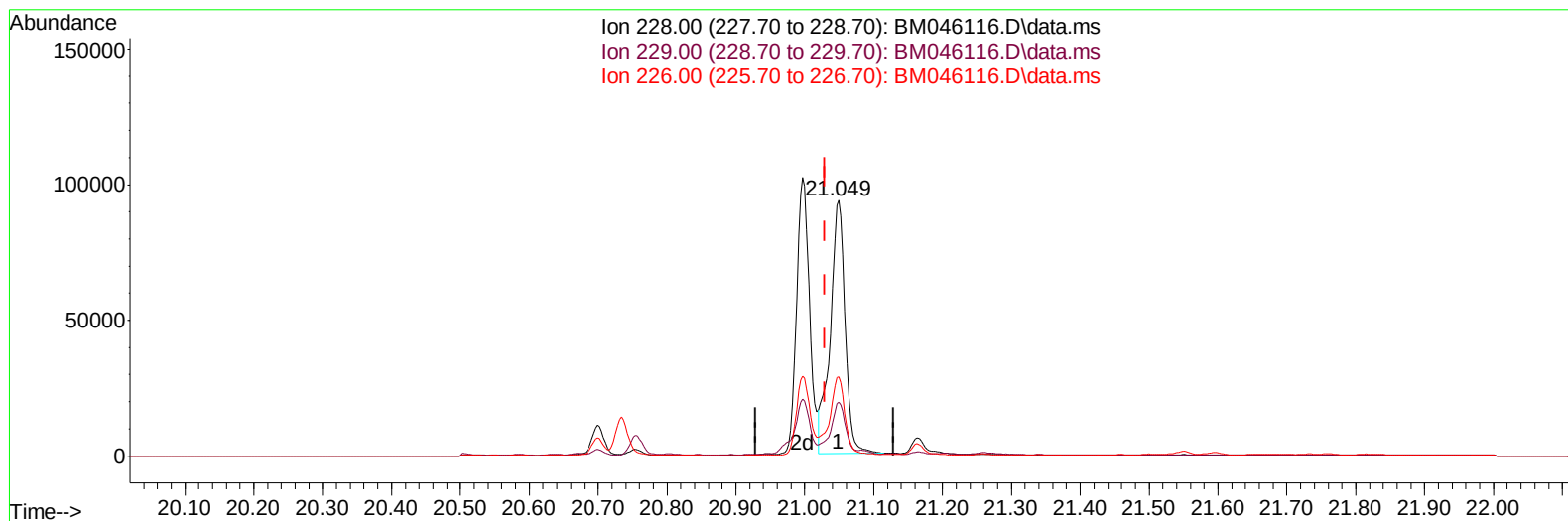
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
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Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.D\data.ms

(21) Benzo(a)anthracene

21.049min (+ 0.020) 6.20 ng/u1

response 139764

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	21.11
226.00	29.30	30.90
0.00	0.00	0.00

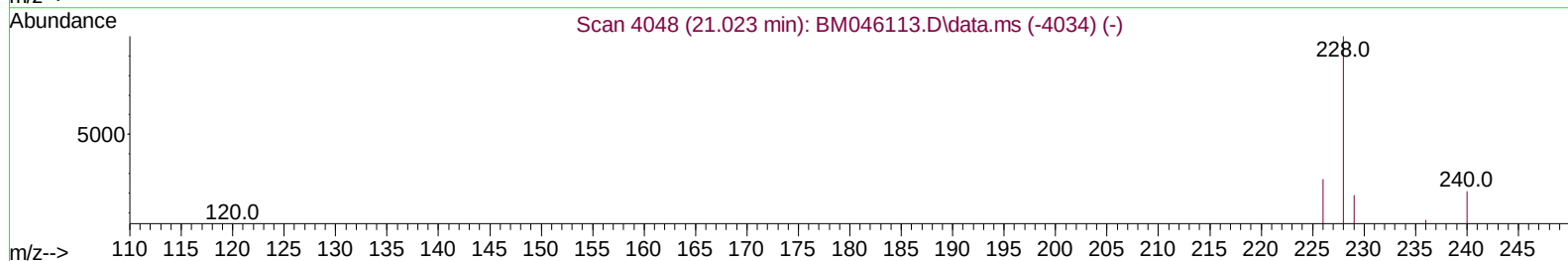
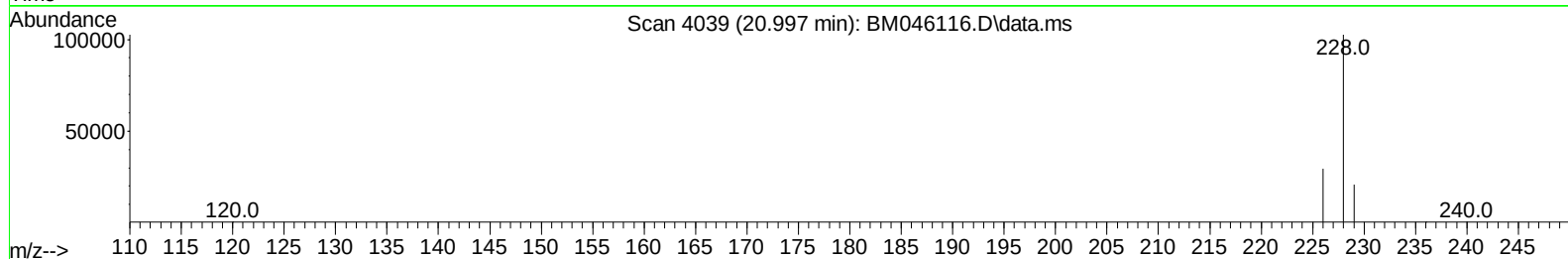
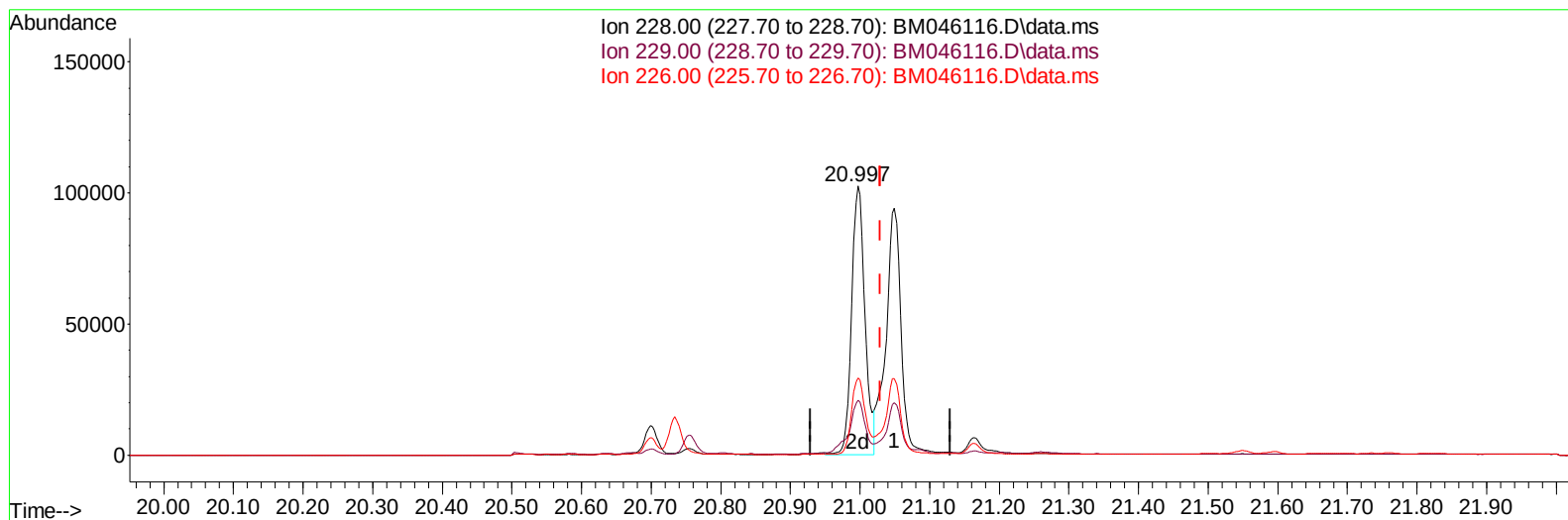
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

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TIC: BM046116.D\data.ms

(21) Benzo(a)anthracene

20.997min (-0.033) 6.04 ng/ul m

response 136268

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.44
226.00	29.30	28.70
0.00	0.00	0.00

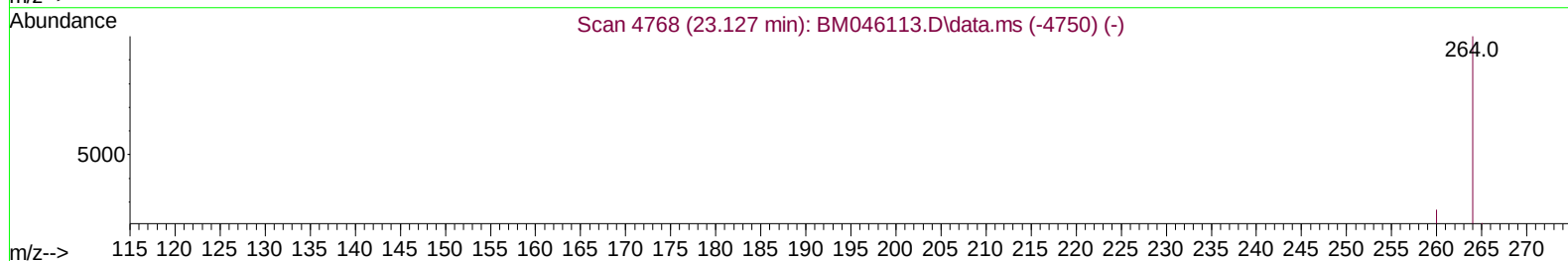
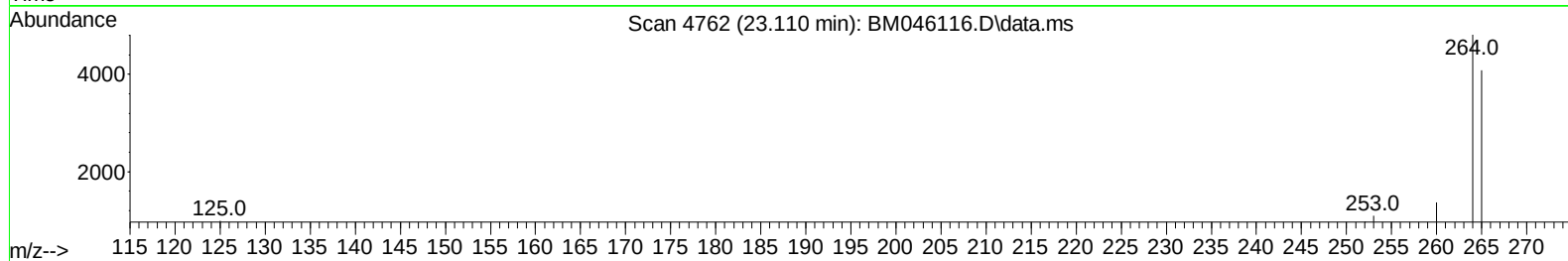
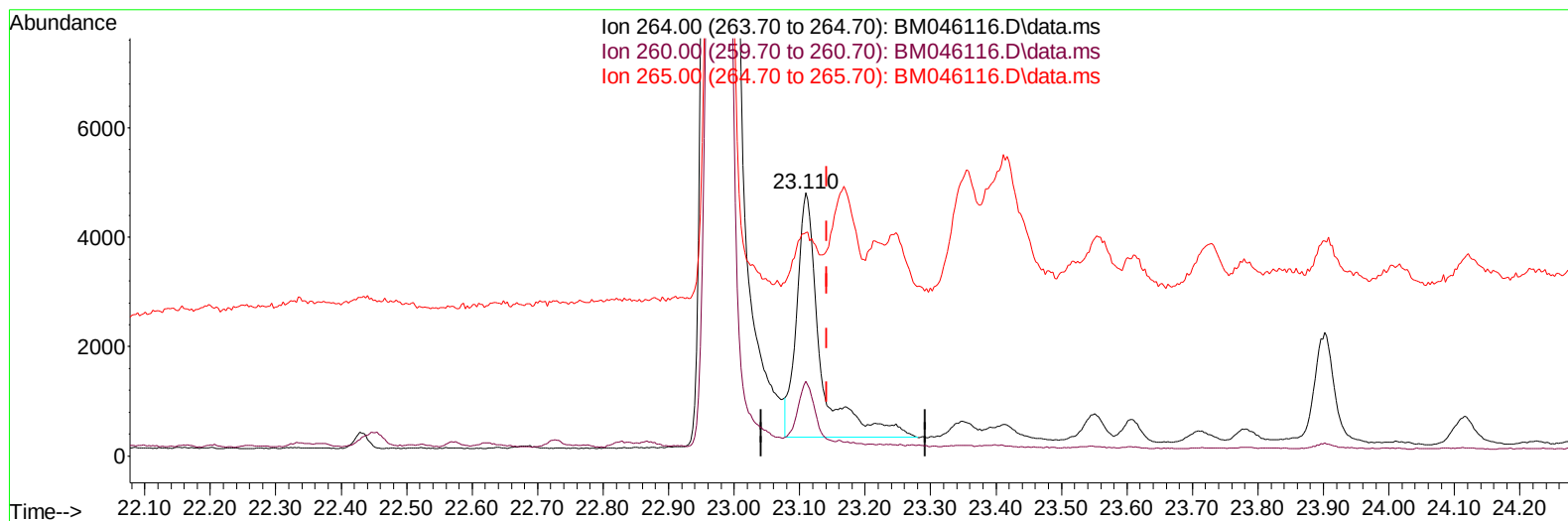
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TIC: BM046116.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/u1

response 11295

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.46
265.00	110.60	84.96#
0.00	0.00	0.00

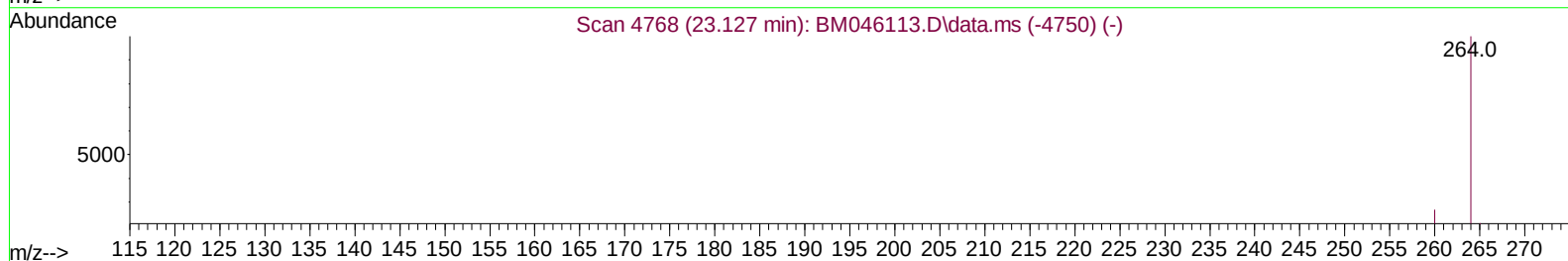
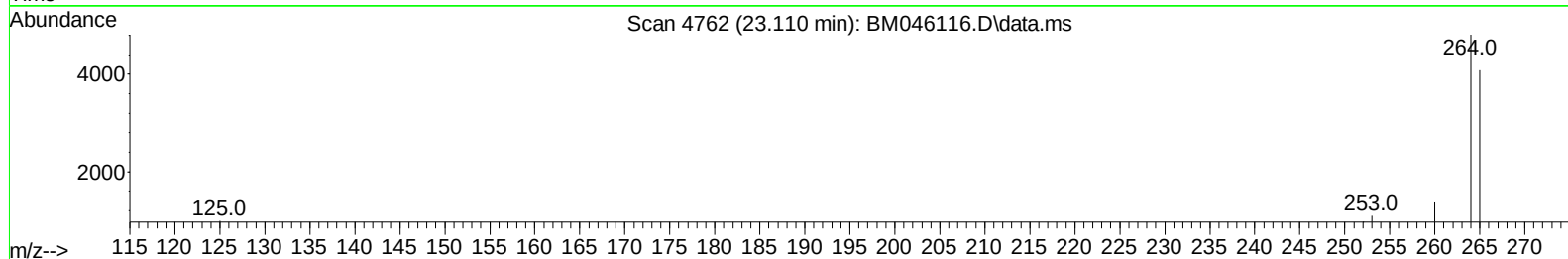
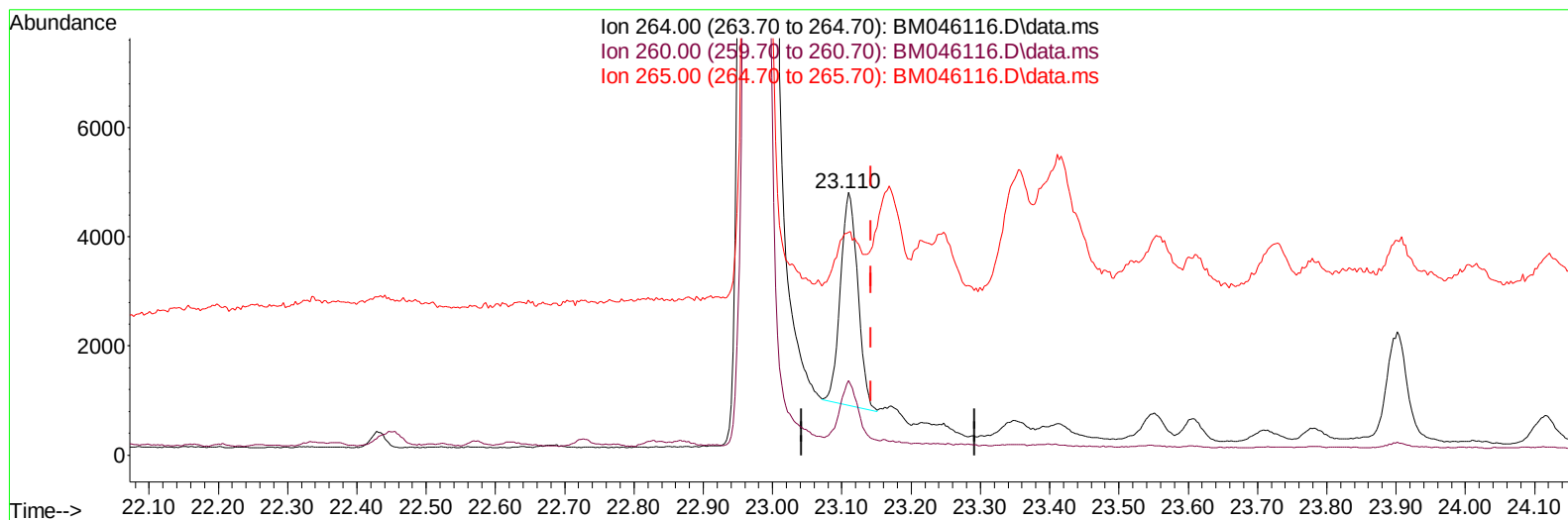
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046116.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/ul m

response 6794

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.46
265.00	110.60	84.96#
0.00	0.00	0.00

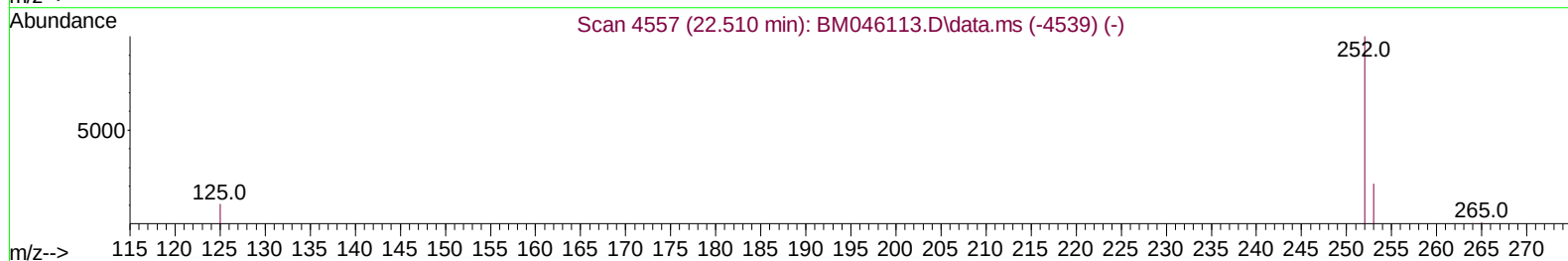
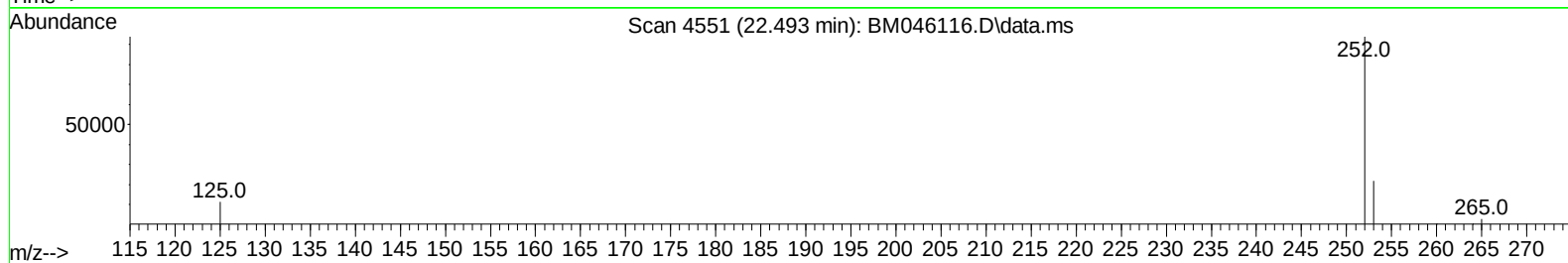
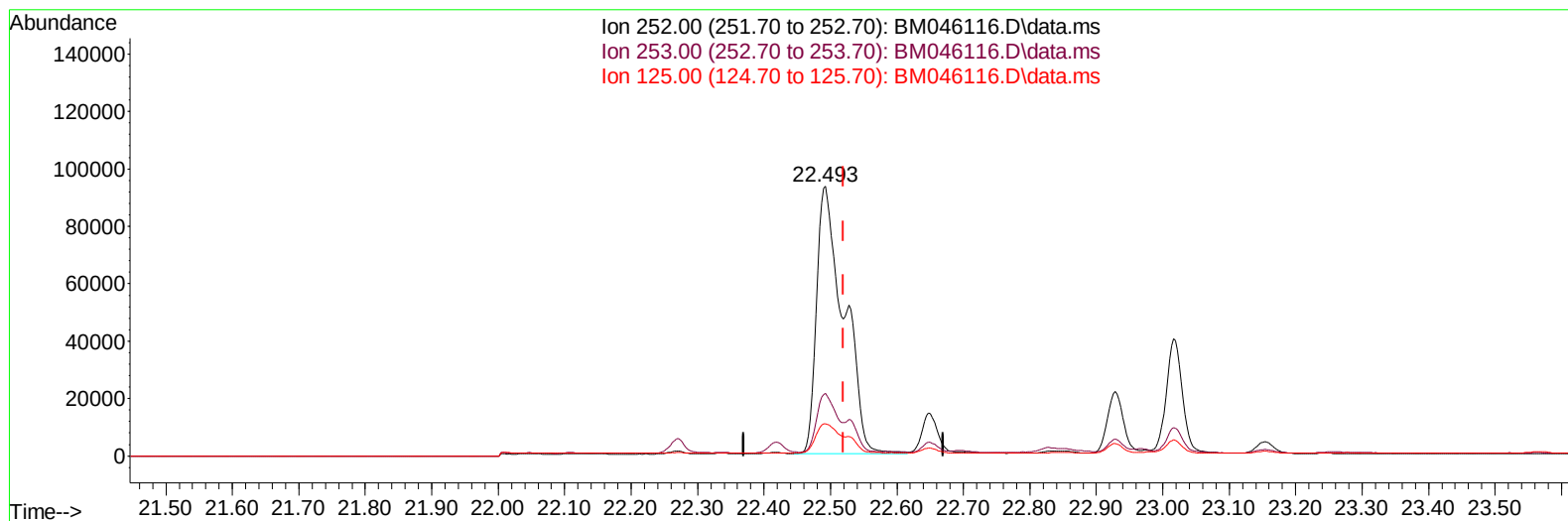
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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A4B20

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TIC: BM046116.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 10.87 ng/u1

response 266077

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.16
125.00	20.10	11.96
0.00	0.00	0.00

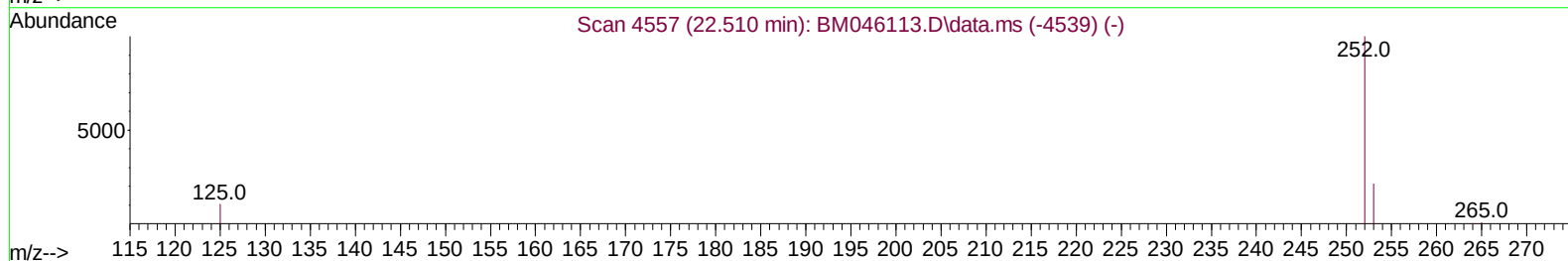
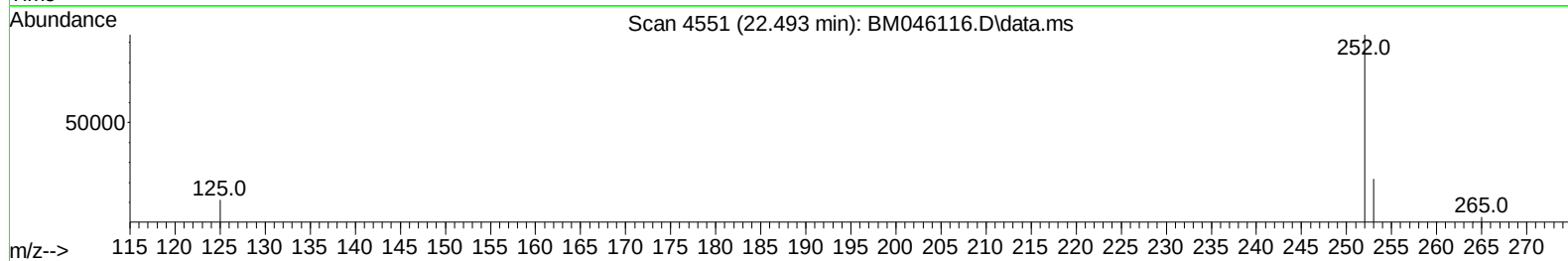
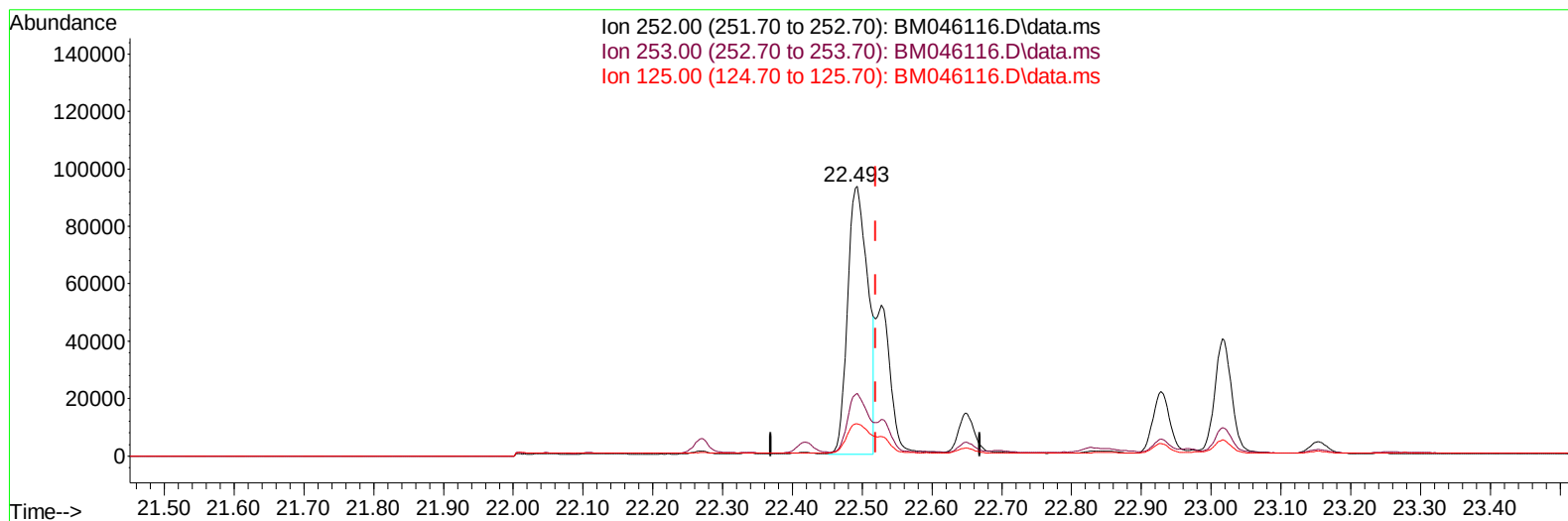
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

Quant Time: Jun 20 11:44:50 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 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046116.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 7.72 ng/ul m

response 189069

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.16
125.00	20.10	11.96
0.00	0.00	0.00

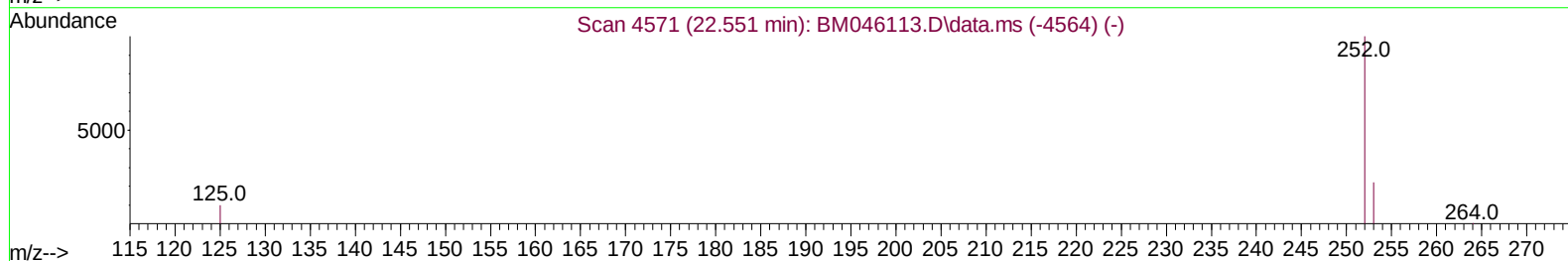
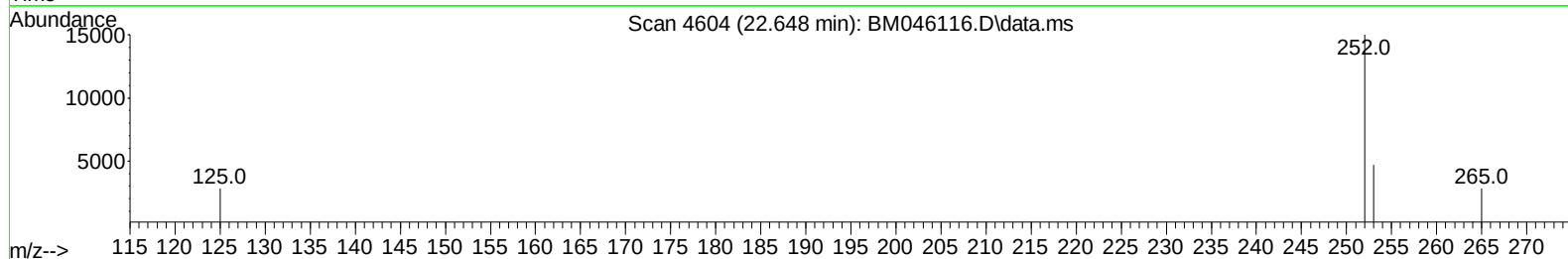
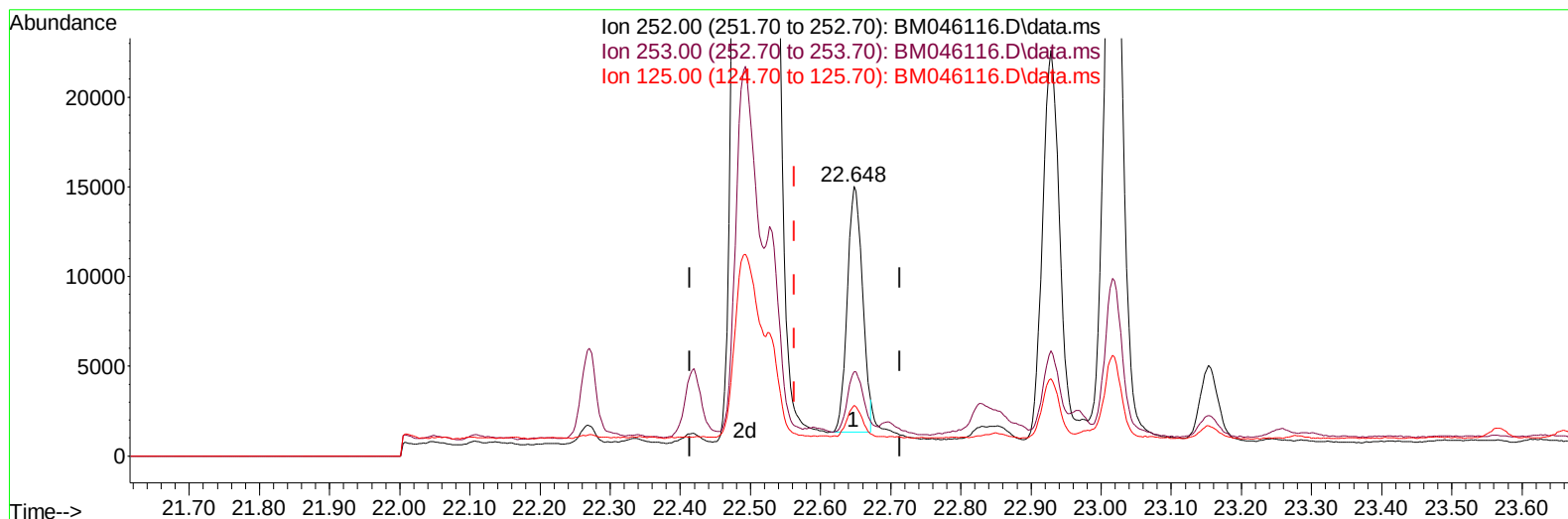
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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TIC: BM046116.D\data.ms

(25) Benzo(k)fluoranthene

22.648min (+ 0.084) 0.71 ng/u1

response 20524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.31
125.00	20.80	18.82
0.00	0.00	0.00

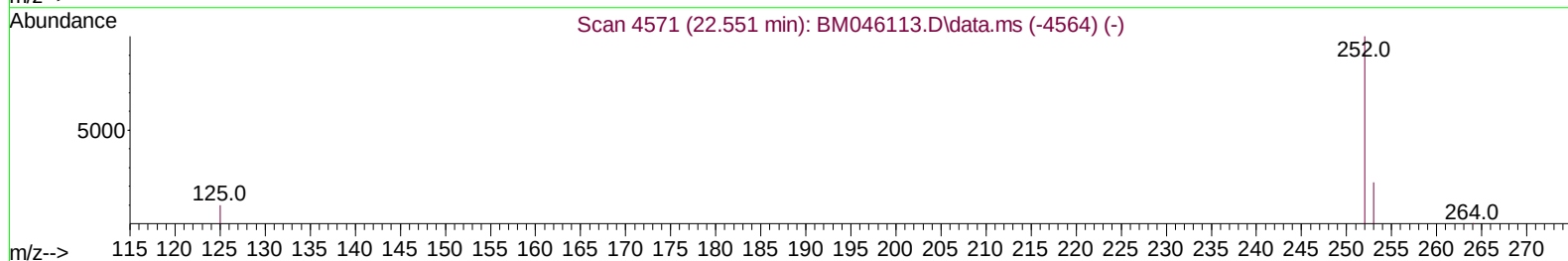
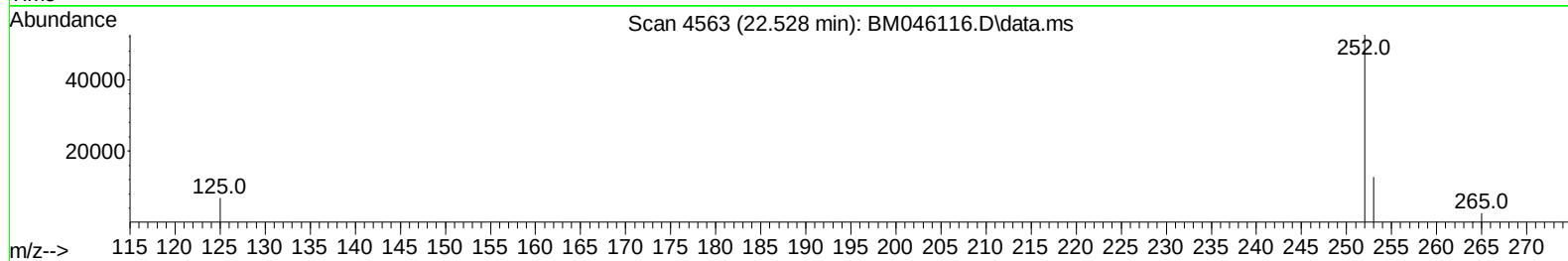
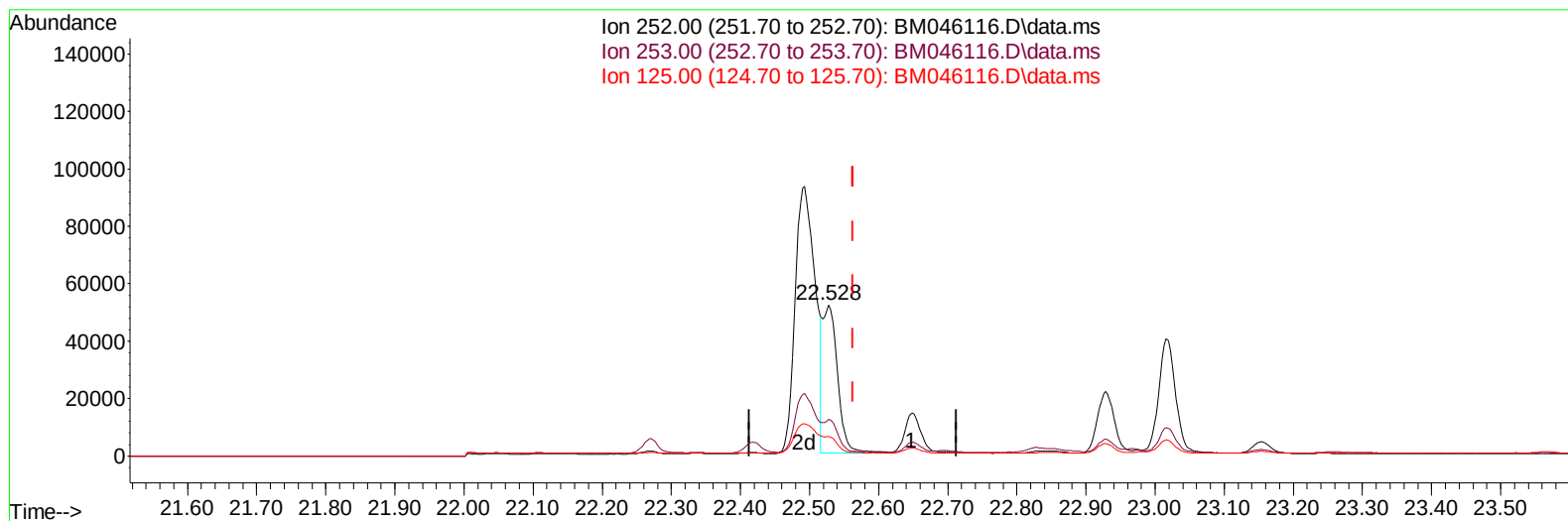
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046116.D
Acq On : 20 Jun 2024 10:51
Operator : MA/JU
Sample : P2710-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B20

Manual IntegrationsAPPROVED

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TIC: BM046116.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.035) 2.61 ng/u1 m

response 75939

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.36#
125.00	20.80	13.01#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2710-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2277	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	6485	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.072	164	3468	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.816	188	7633m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.014	240	5836m	0.400	ng/ul	-0.03
23) Perylene-d12	23.110	264	6794m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	11472	3.672	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.833	152	2245	0.258	ng/ul	-0.03
18) Fluoranthene-d10	18.849	212	5351	0.306	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.249	128	3937	0.218	ng/ul	99
7) 2-Methylnaphthalene	11.904	142	1283	0.126	ng/ul	98
8) 1-Methylnaphthalene	12.119	142	1275	0.114	ng/ul	96
10) Acenaphthylene	13.790	152	9737	0.592	ng/ul	99
11) Acenaphthene	14.137	153	4907	0.413	ng/ul	99
12) Fluorene	15.131	166	6135	0.481	ng/ul	99
15) Phenanthrene	16.854	178	160073m	7.464	ng/ul	
16) Anthracene	16.947	178	30197m	1.891	ng/ul	
19) Fluoranthene	18.877	202	328701	13.008	ng/ul	97
20) Pyrene	19.239	202	214966	7.866	ng/ul	98
21) Benzo(a)anthracene	20.997	228	136268m	6.045	ng/ul	
22) Chrysene	21.049	228	140407	4.881	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	189069m	7.724	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	75939m	2.610	ng/ul	
26) Benzo(a)pyrene	23.016	252	67802	2.989	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.155	276	66925	1.803	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.158	278	22304	0.807	ng/ul	96
29) Benzo(g,h,i)perylene	25.775	276	9359	0.294	ng/ul	94

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

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