

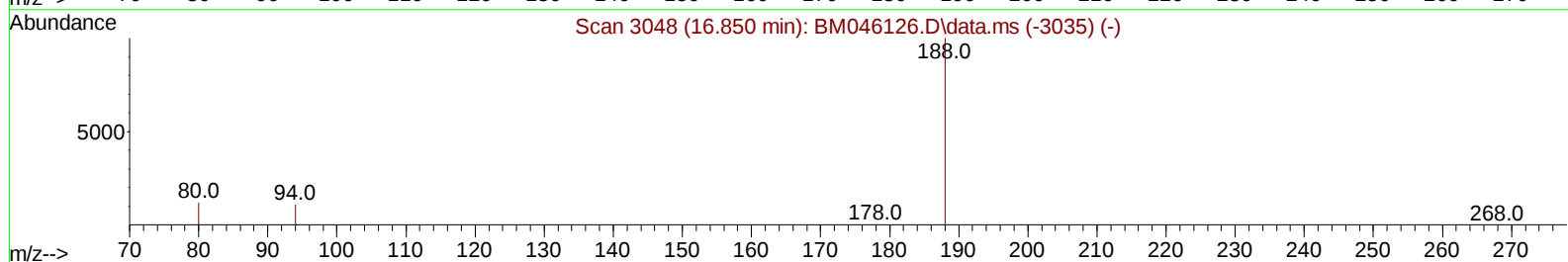
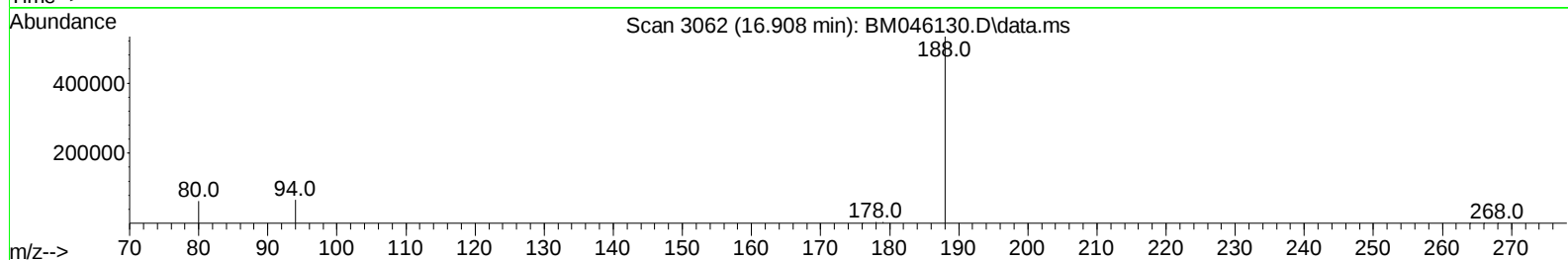
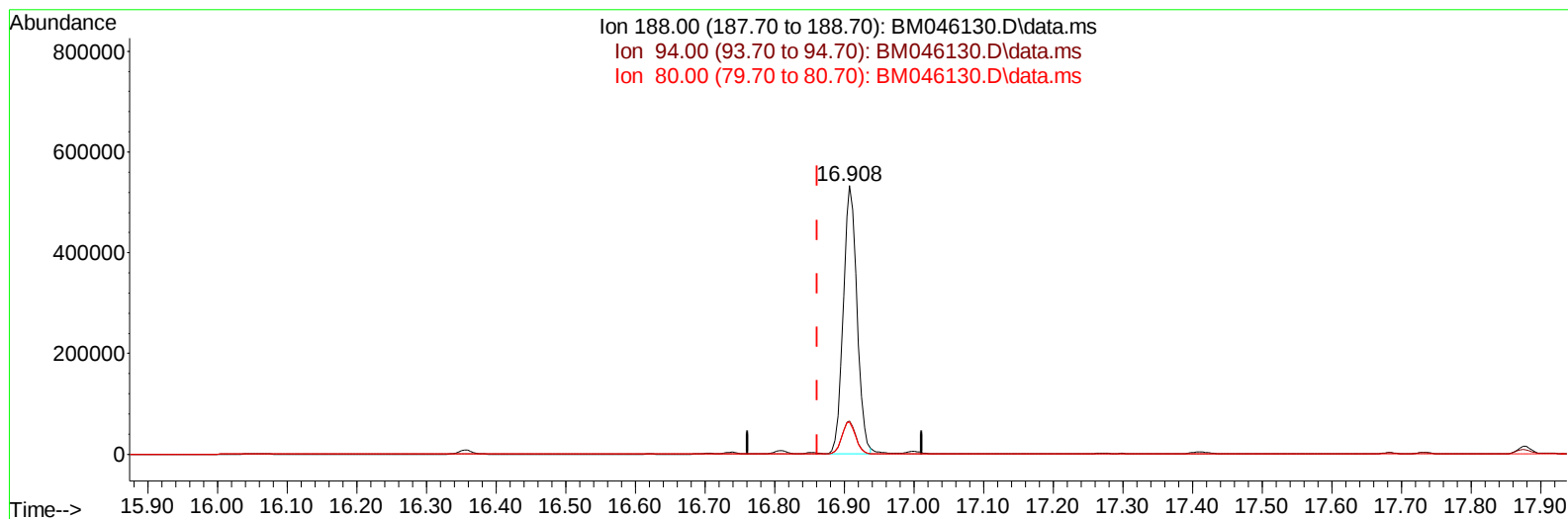
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:48:32 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: BM046130.D\data.ms

(13) Phenanthrene-d10 (I)

16.908min (+ 0.047) 0.40 ng/u1

response 722780

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.41
80.00	15.20	11.84#
0.00	0.00	0.00

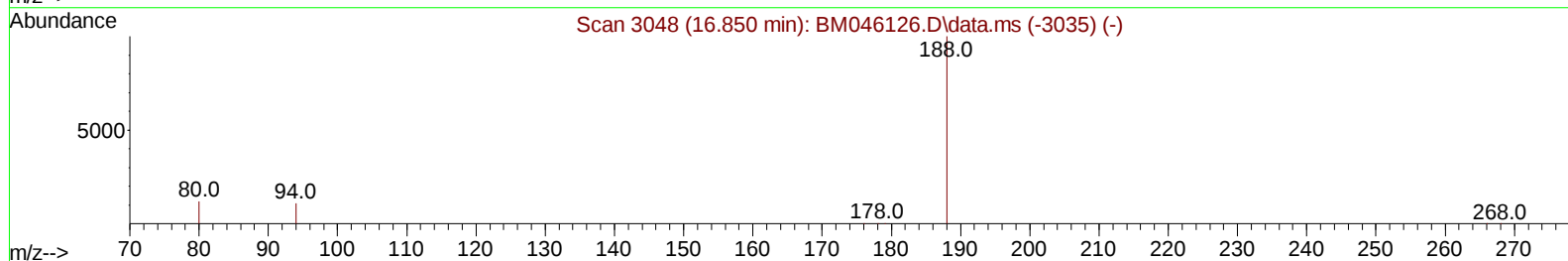
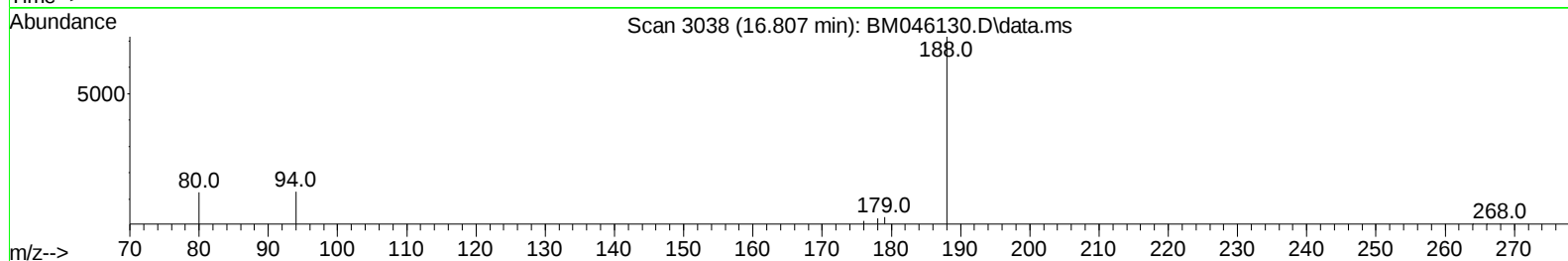
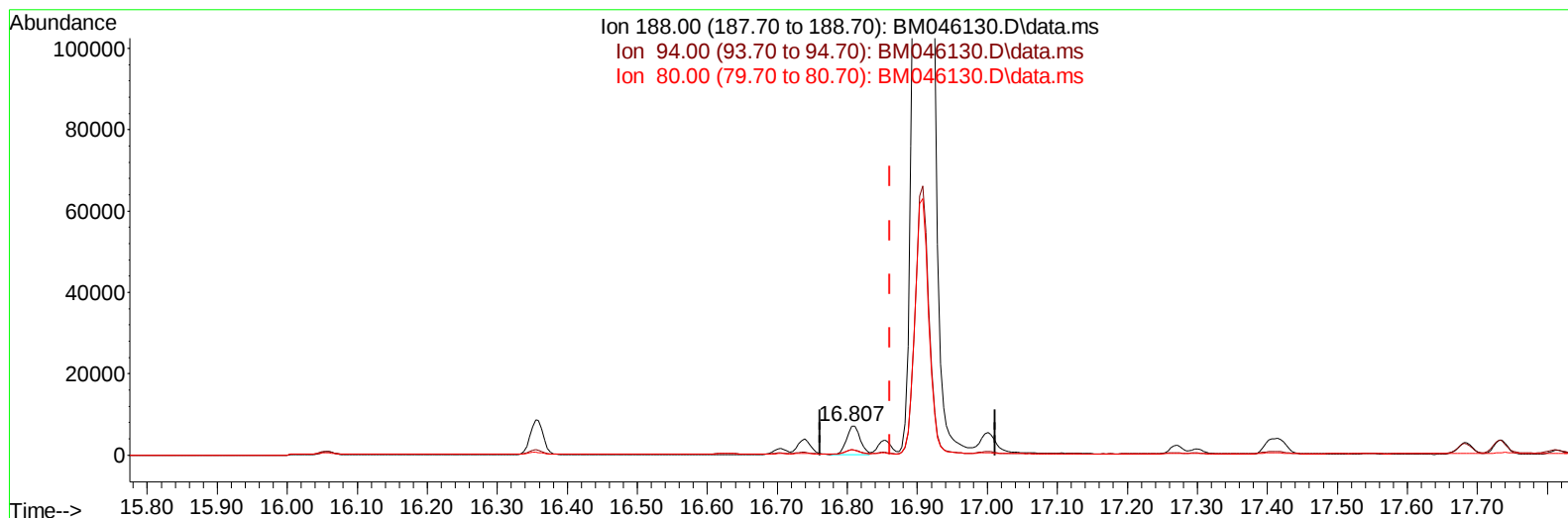
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

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TIC: BM046130.D\data.ms

(13) Phenanthrene-d10 (I)

16.807min (-0.055) 0.40 ng/u1 m

response 9582

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	18.11#
80.00	15.20	17.73
0.00	0.00	0.00

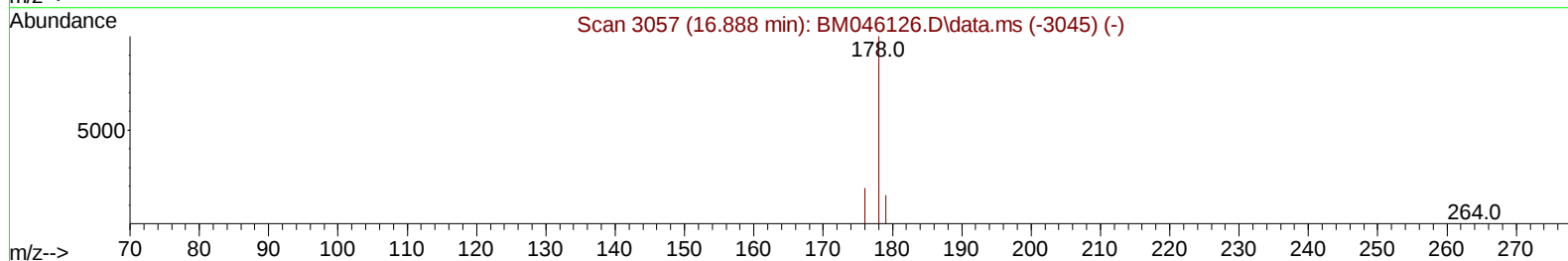
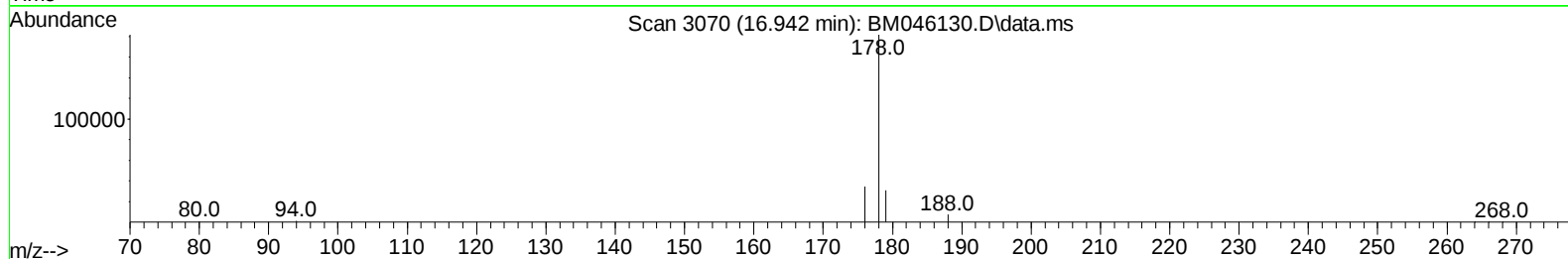
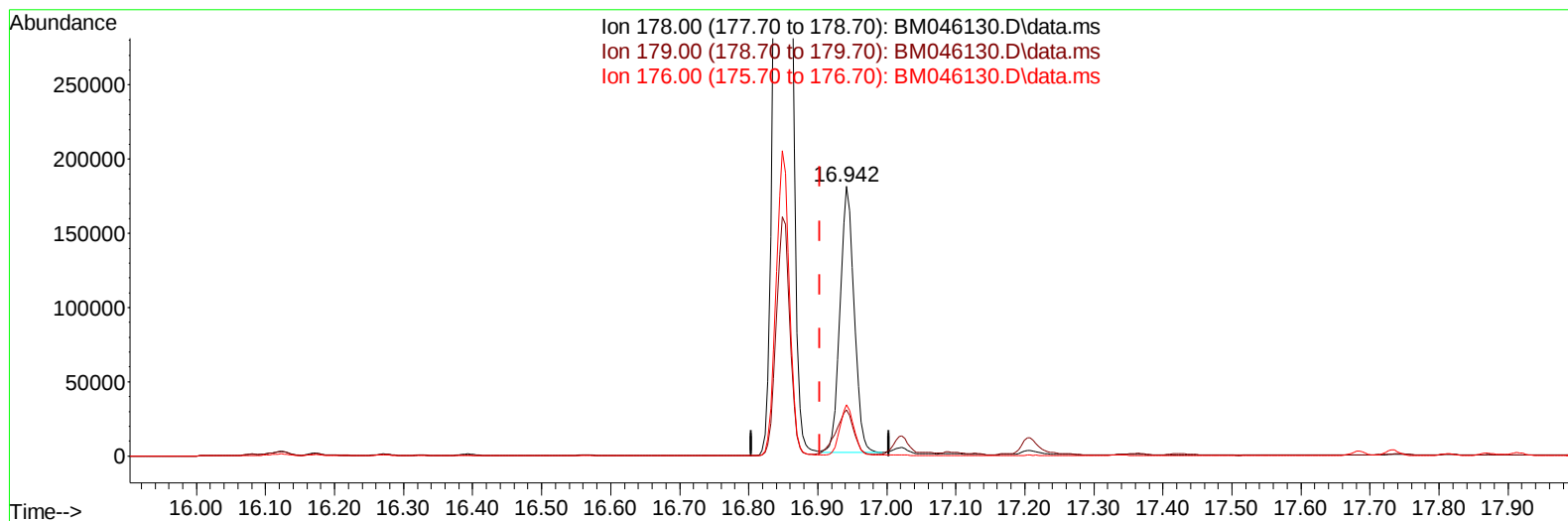
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

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TIC: BM046130.D\data.ms

(15) Phenanthrene

16.942min (+ 0.038) 9.42 ng/u1

response 253627

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	17.04
176.00	21.40	19.07
0.00	0.00	0.00

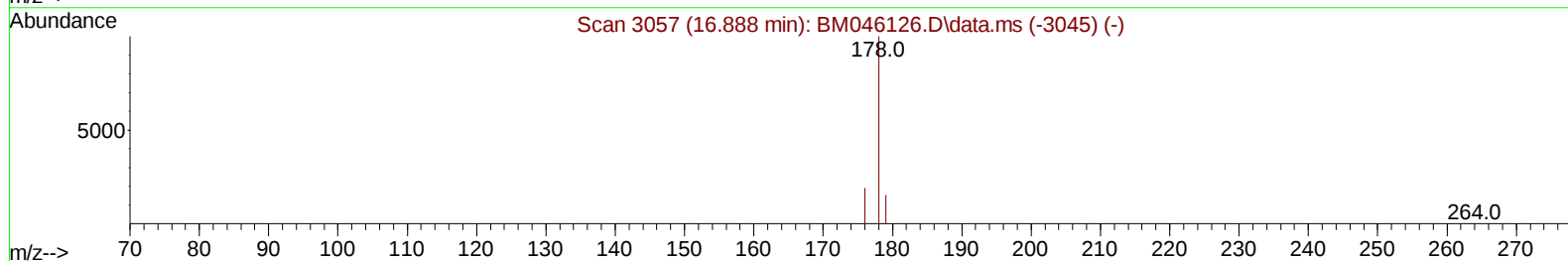
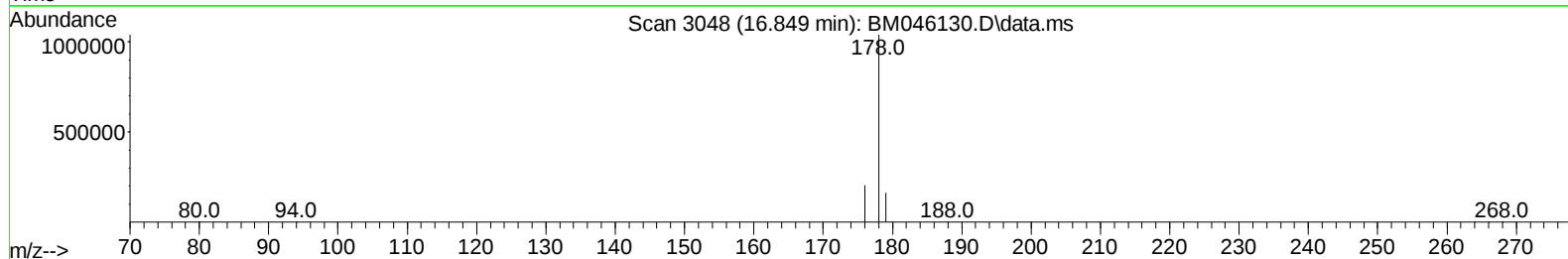
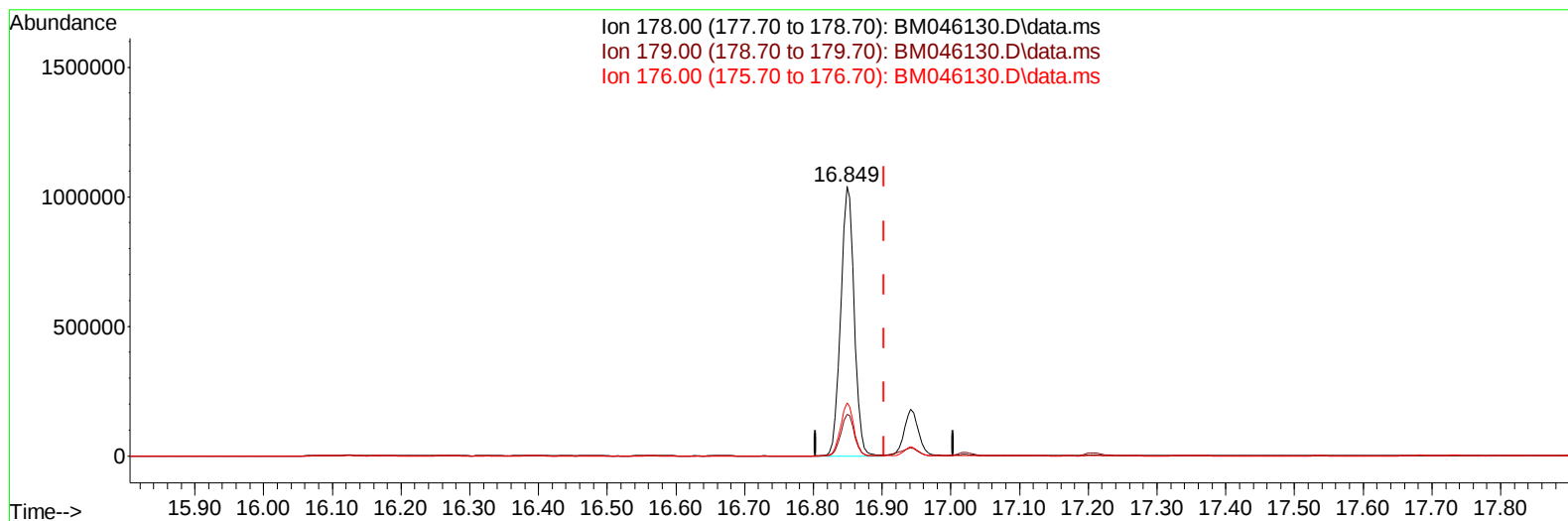
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046130.D
 Acq On : 20 Jun 2024 19:24
 Operator : MA/JU
 Sample : P2710-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B87

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046130.D\data.ms

(15) Phenanthrene

16.849min (-0.055) 52.69 ng/ul m

response 1418565

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.51
176.00	21.40	19.80
0.00	0.00	0.00

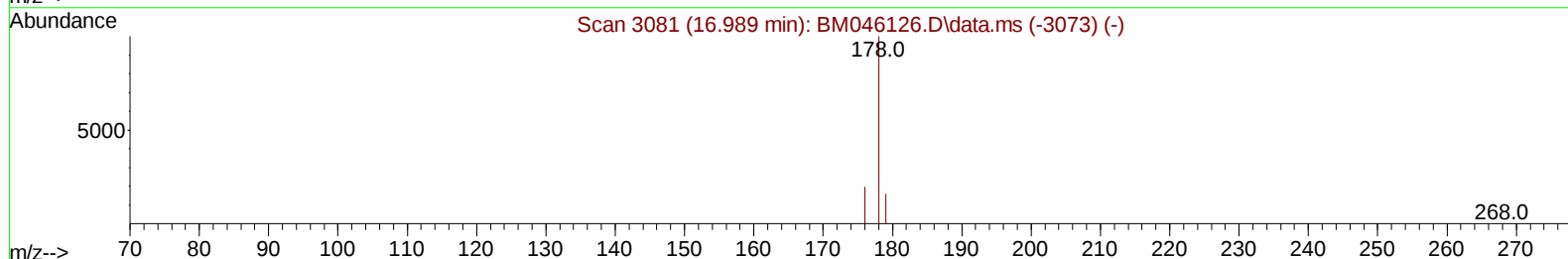
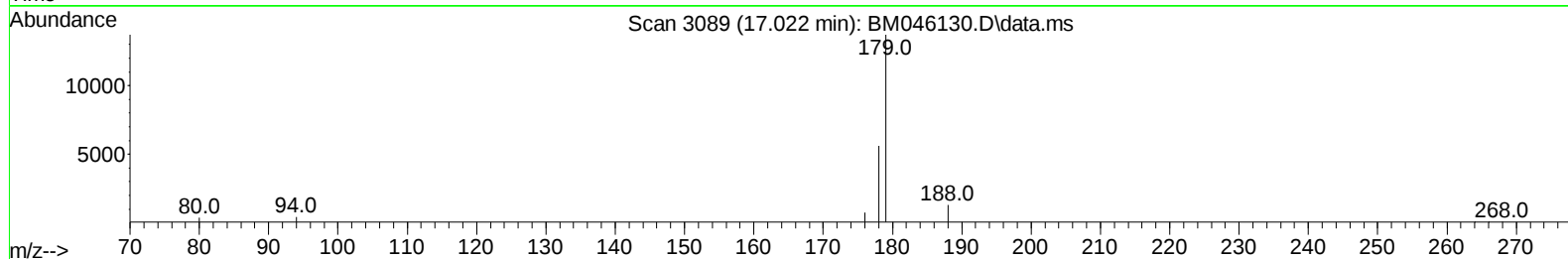
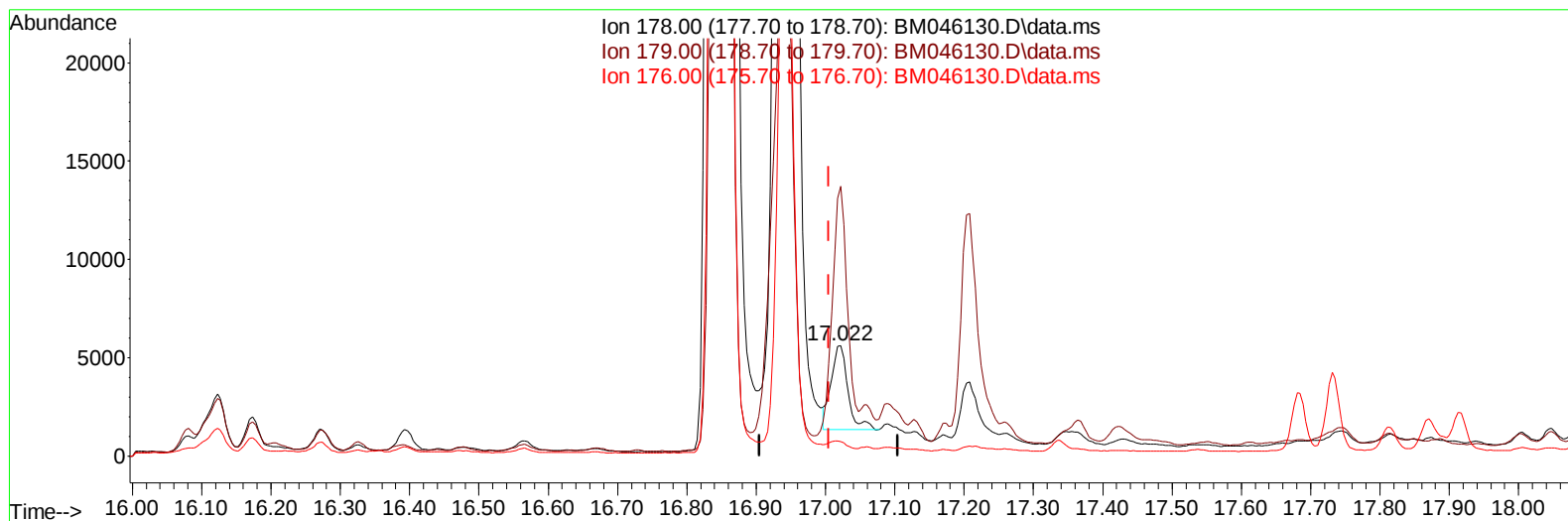
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

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TIC: BM046130.D\data.ms

(16) Anthracene

17.022min (+ 0.017) 0.36 ng/u1

response 7203

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	243.91#
176.00	21.20	13.22#
0.00	0.00	0.00

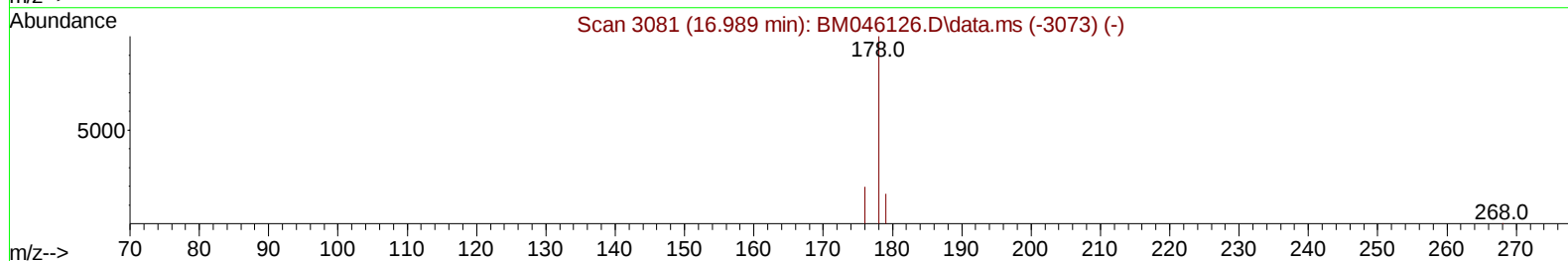
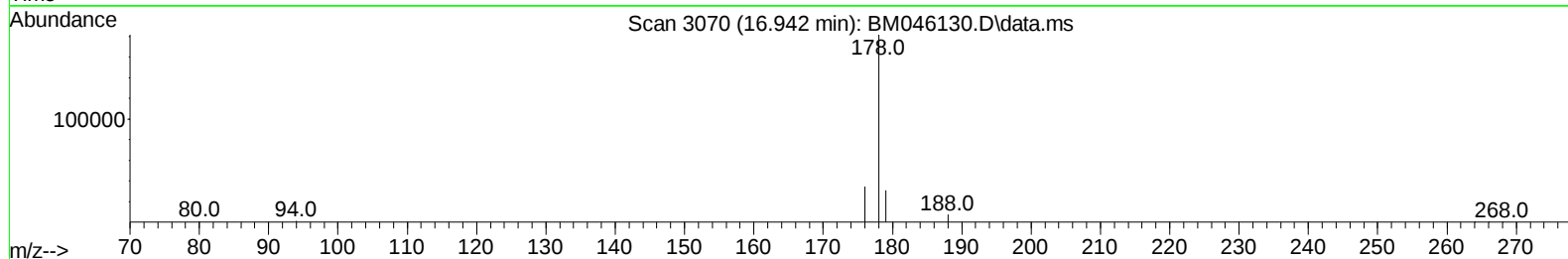
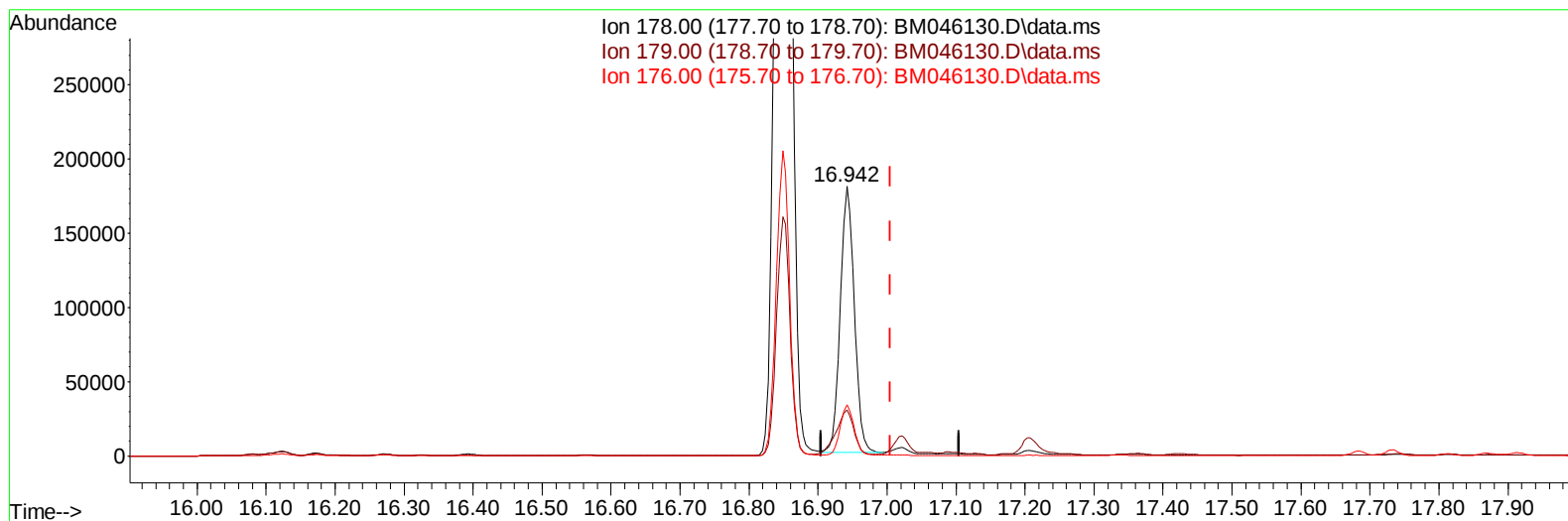
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

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TIC: BM046130.D\data.ms

(16) Anthracene

16.942min (-0.063) 12.69 ng/ul m

response 254473

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	17.04
176.00	21.20	19.07
0.00	0.00	0.00

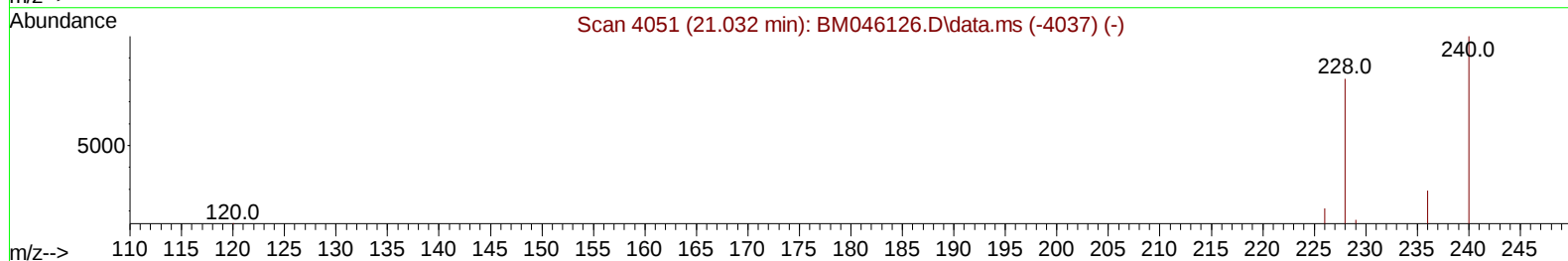
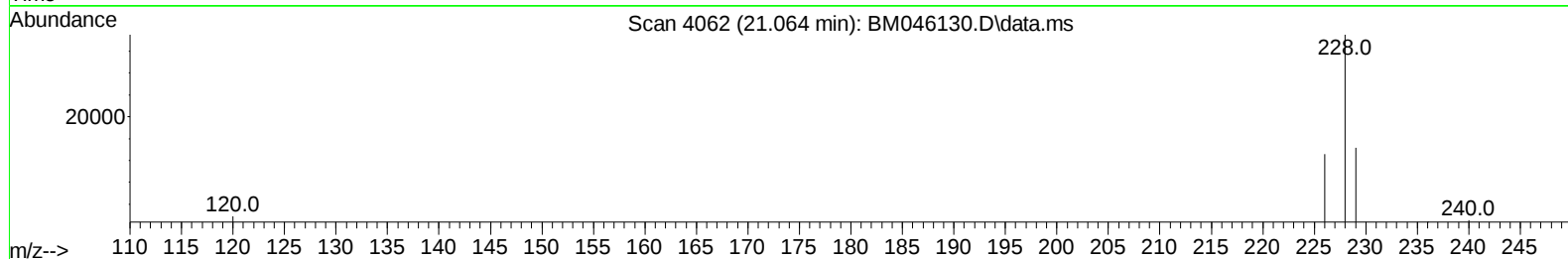
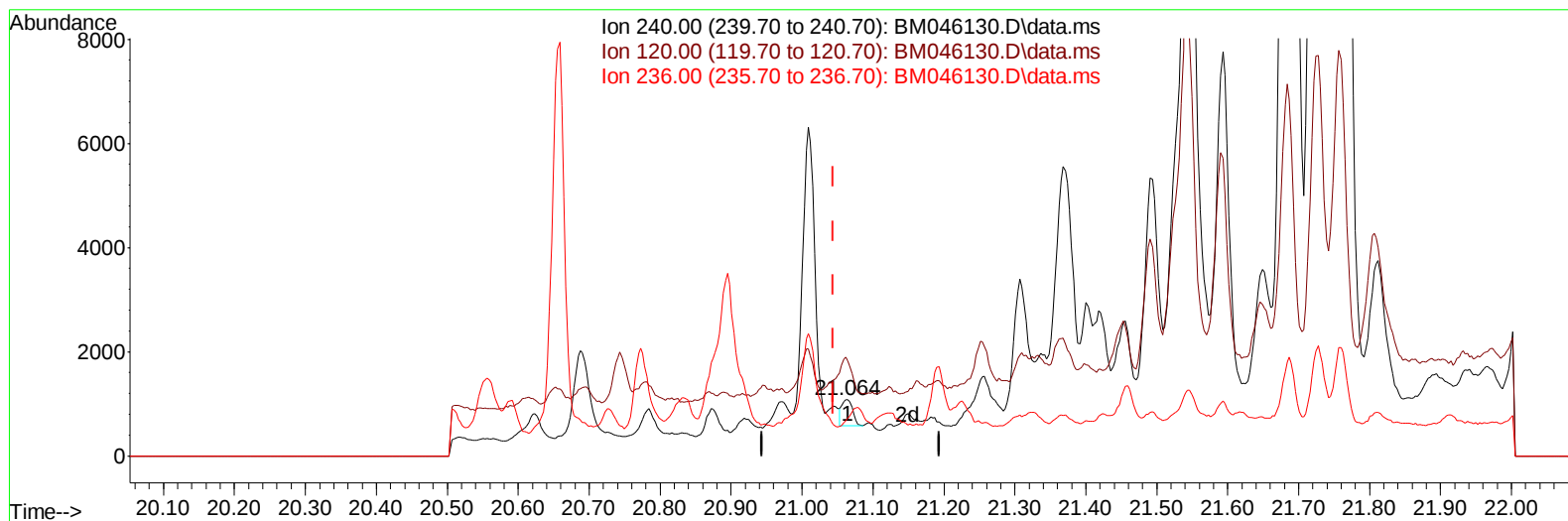
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

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TIC: BM046130.D\data.ms

(17) Chrysene-d12

21.064min (+ 0.021) 0.40 ng/u1

response 521

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	168.66#
236.00	33.60	66.64#
0.00	0.00	0.00

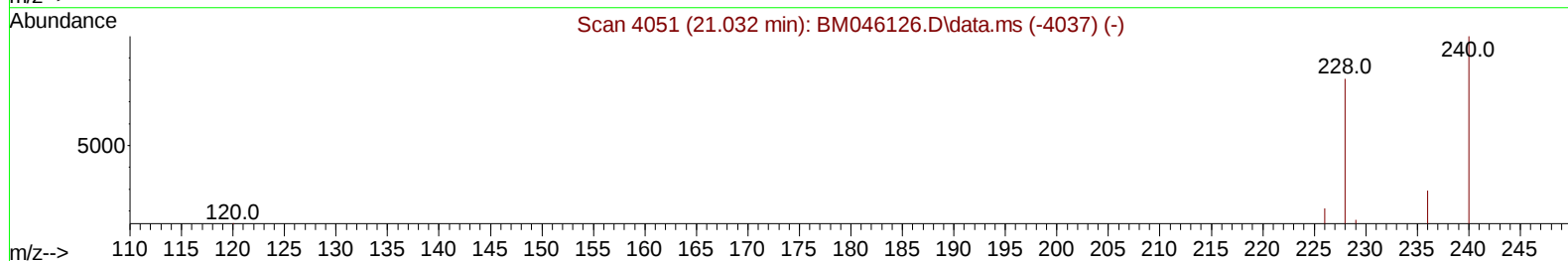
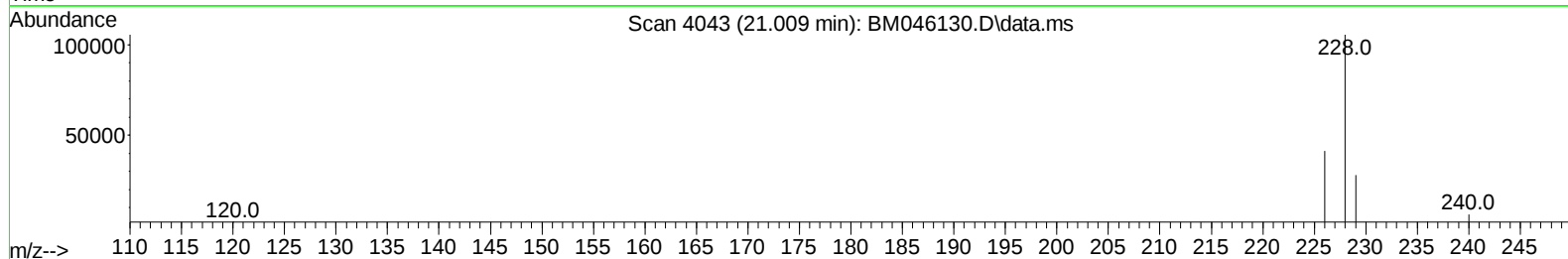
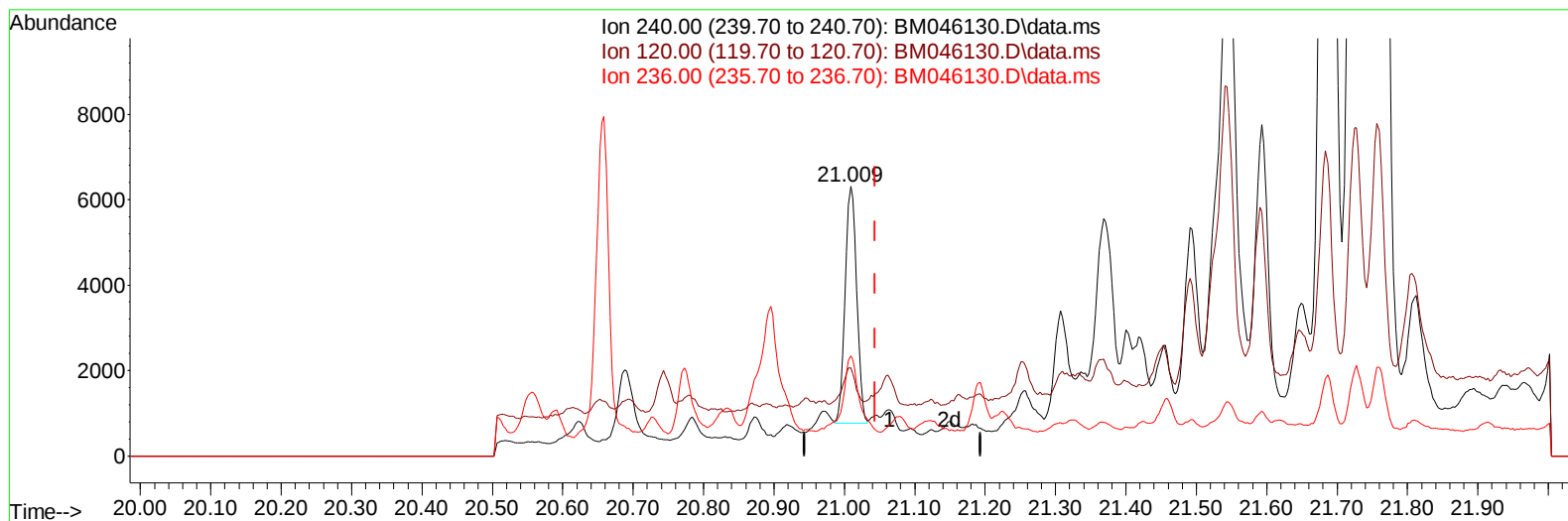
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:48:32 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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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046130.D\data.ms

(17) Chrysene-d12

21.009min (-0.035) 0.40 ng/ul m

response 6384

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	32.59#
236.00	33.60	37.14
0.00	0.00	0.00

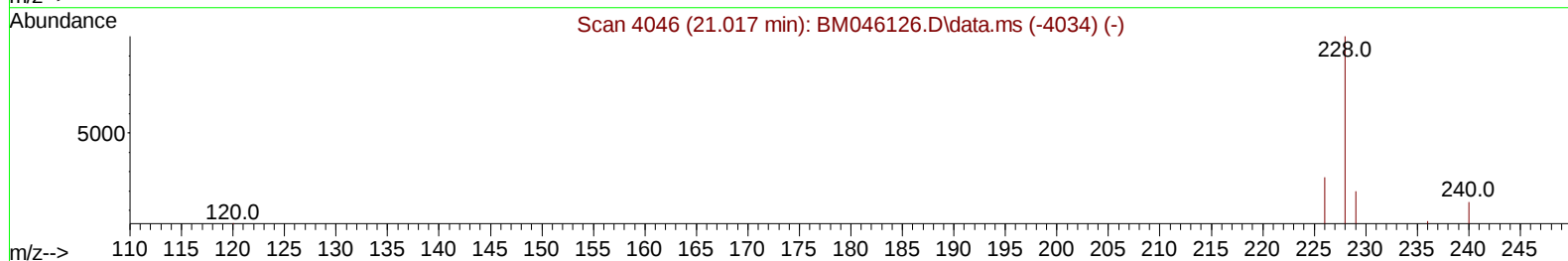
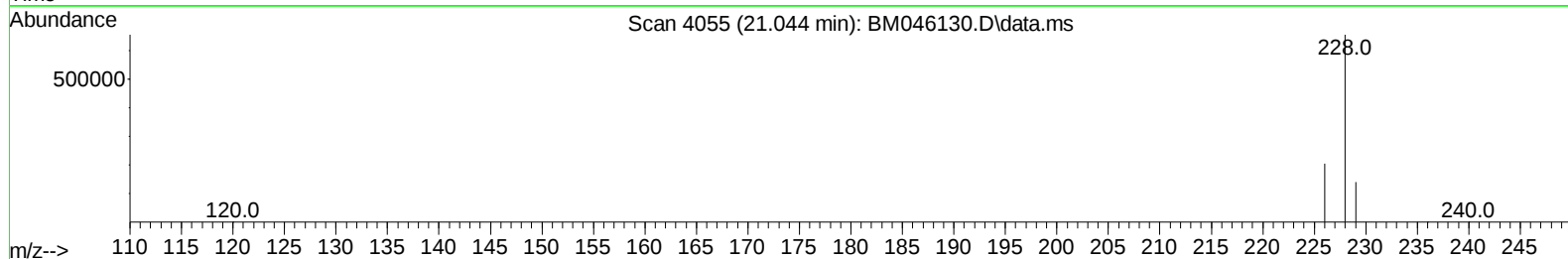
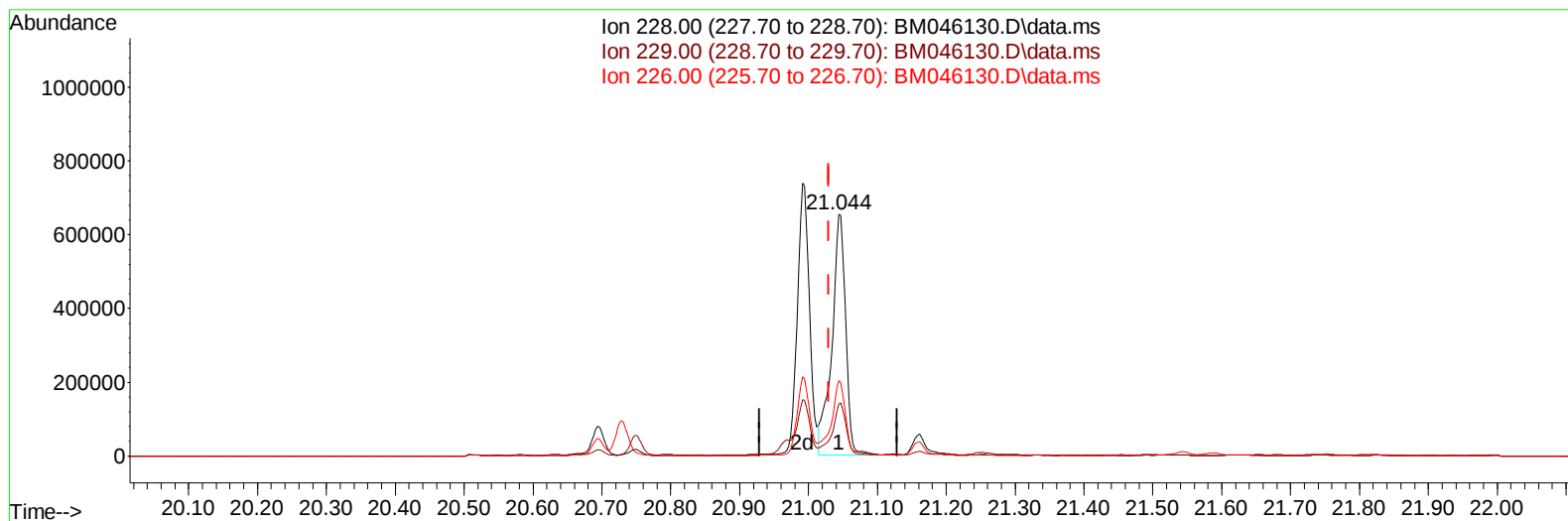
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

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TIC: BM046130.D\data.ms

(21) Benzo(a)anthracene

21.044min (+ 0.015) 36.48 ng/u1

response 899572

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	21.52
226.00	29.30	31.28
0.00	0.00	0.00

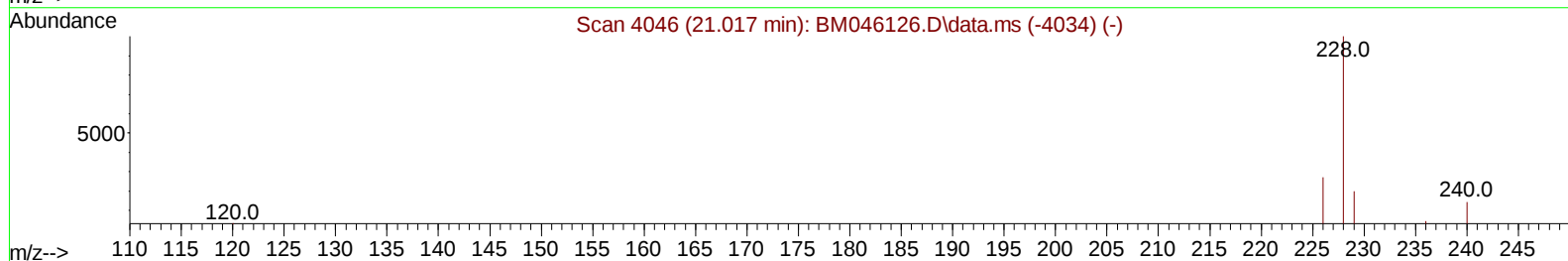
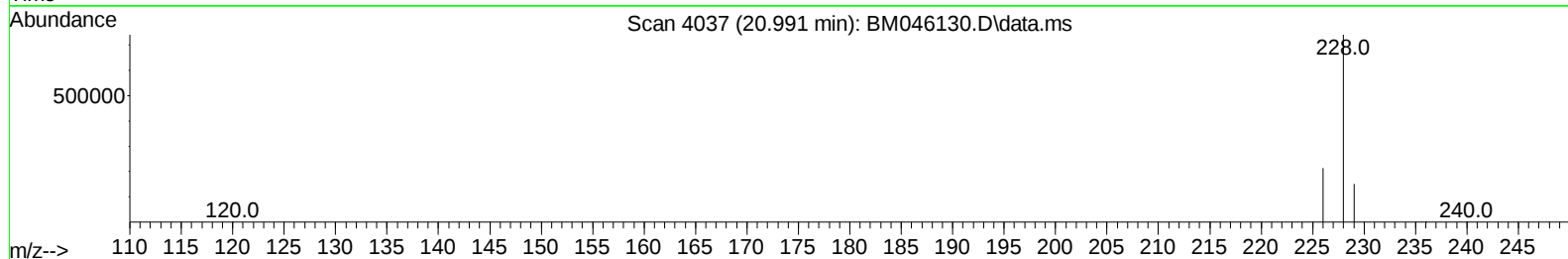
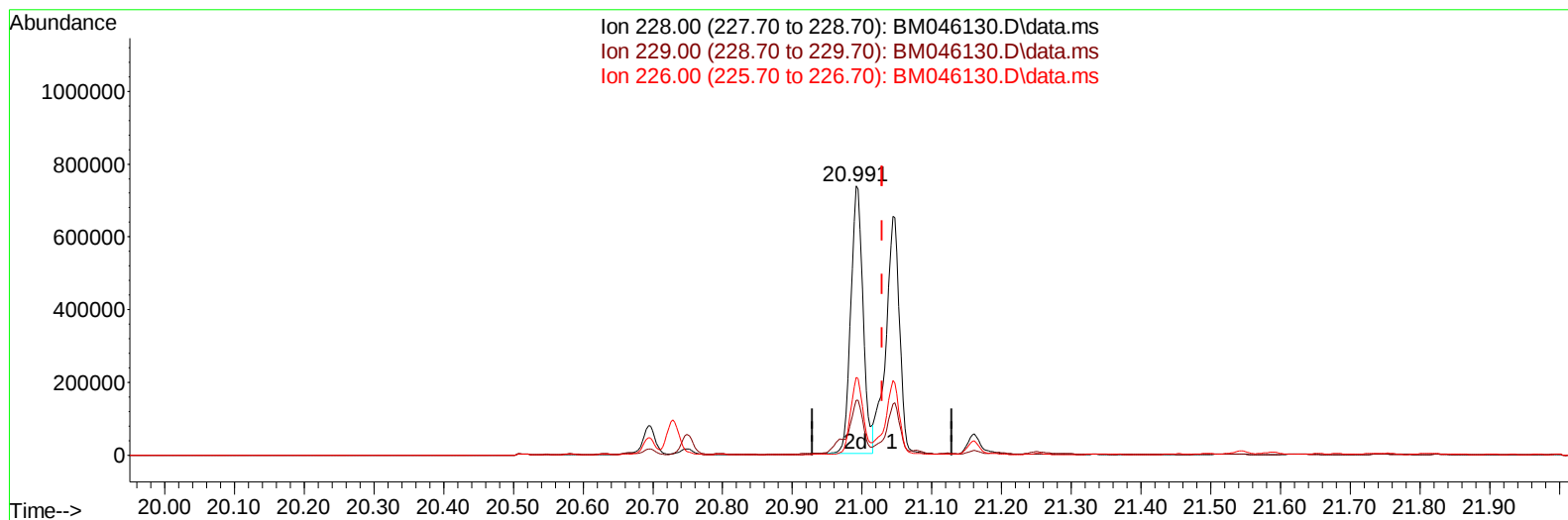
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

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TIC: BM046130.D\data.ms

(21) Benzo(a)anthracene

20.991min (-0.038) 36.73 ng/ul m

response 905838

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	20.53
226.00	29.30	28.95
0.00	0.00	0.00

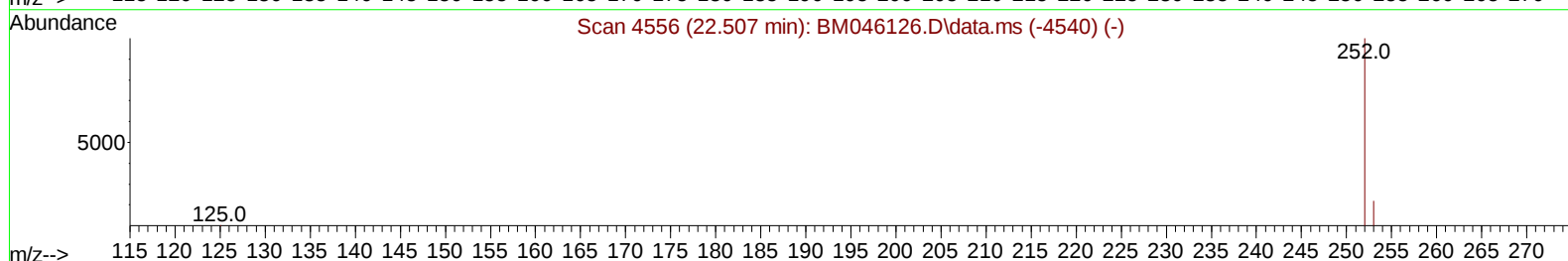
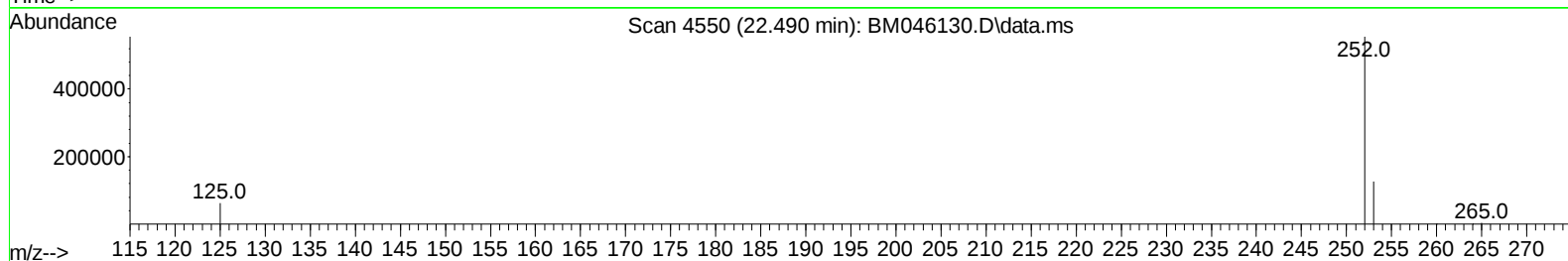
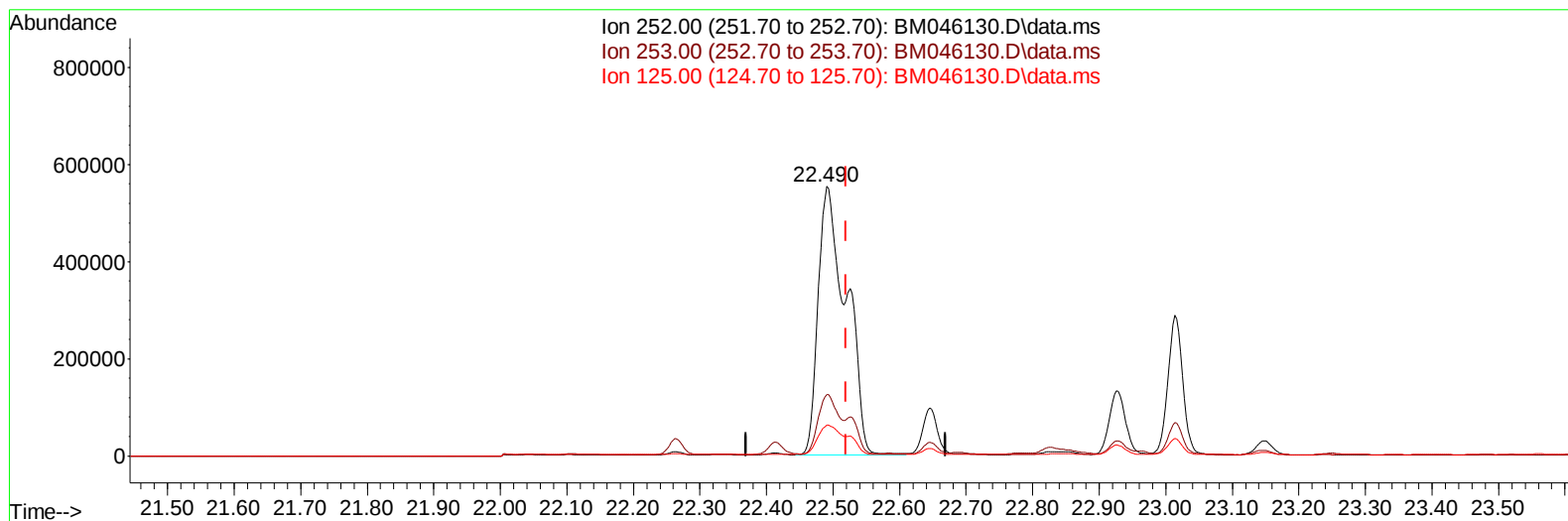
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BM046130.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.029) 44.09 ng/u1

response 1611348

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.72
125.00	20.10	11.38
0.00	0.00	0.00

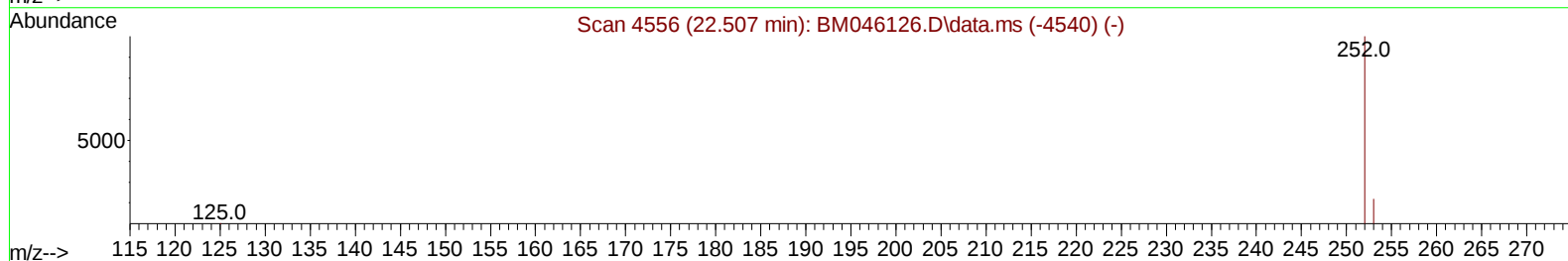
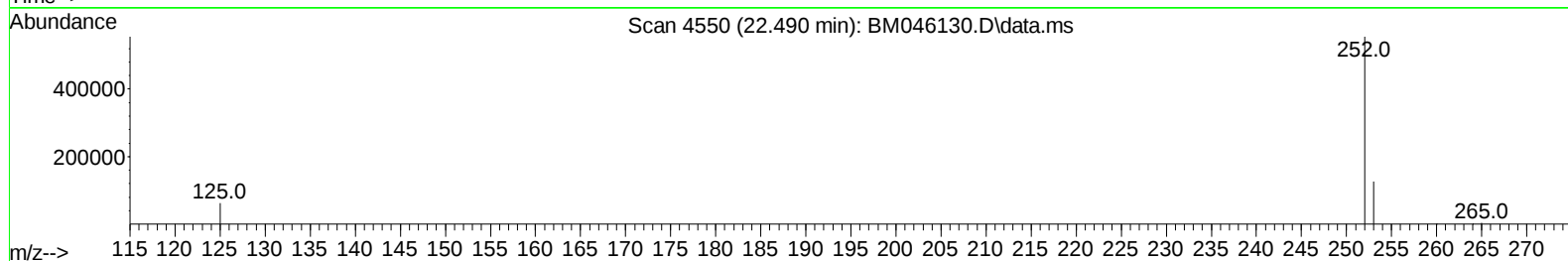
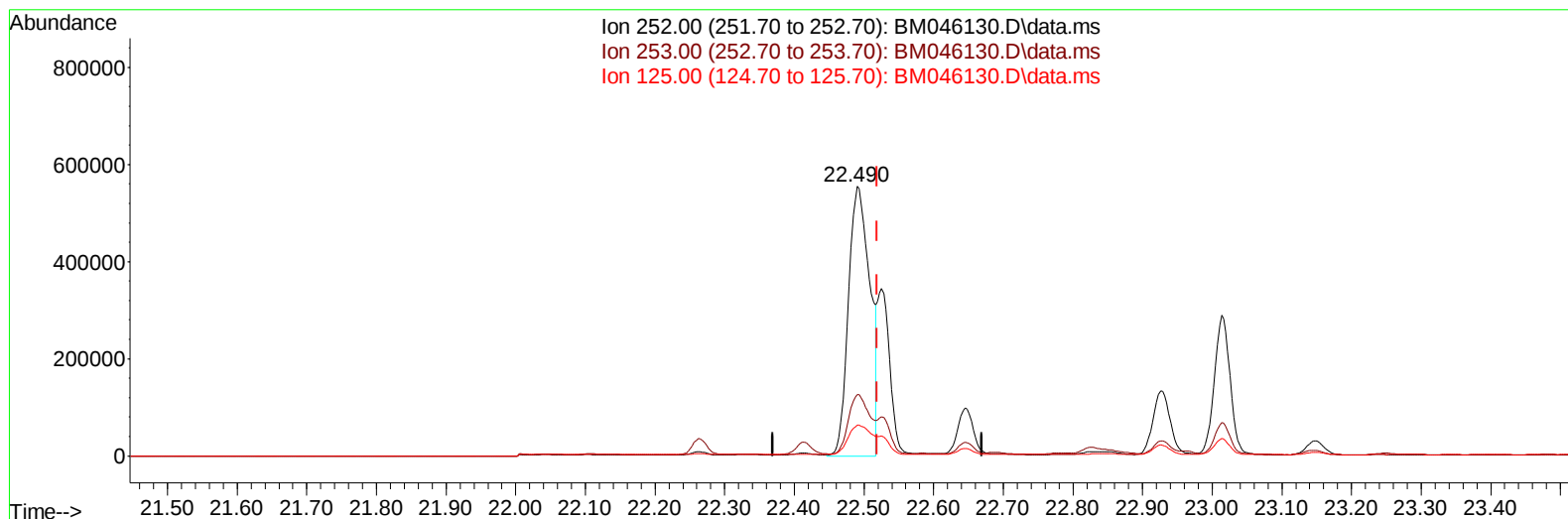
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046130.D
 Acq On : 20 Jun 2024 19:24
 Operator : MA/JU
 Sample : P2710-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046130.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.029) 32.58 ng/ul m

response 1190638

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	22.72
125.00	20.10	11.38
0.00	0.00	0.00

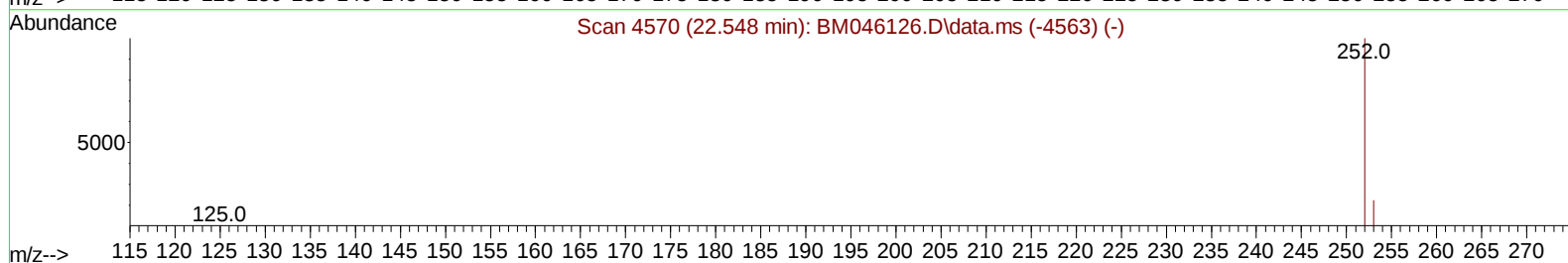
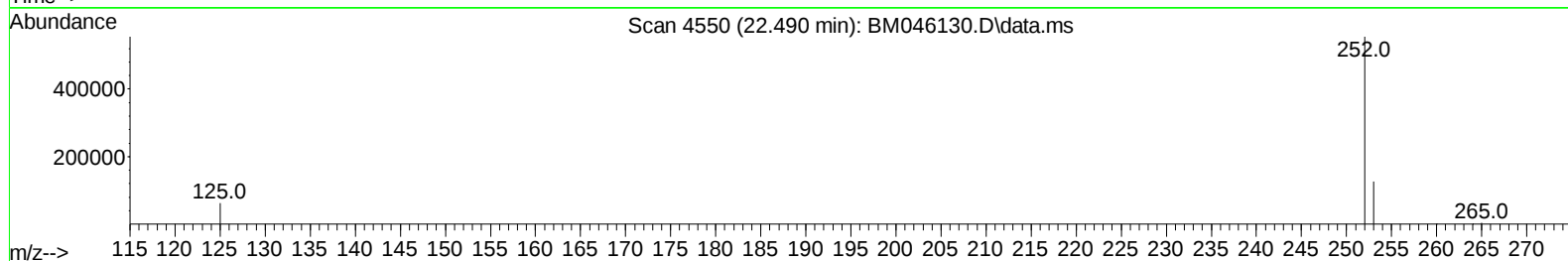
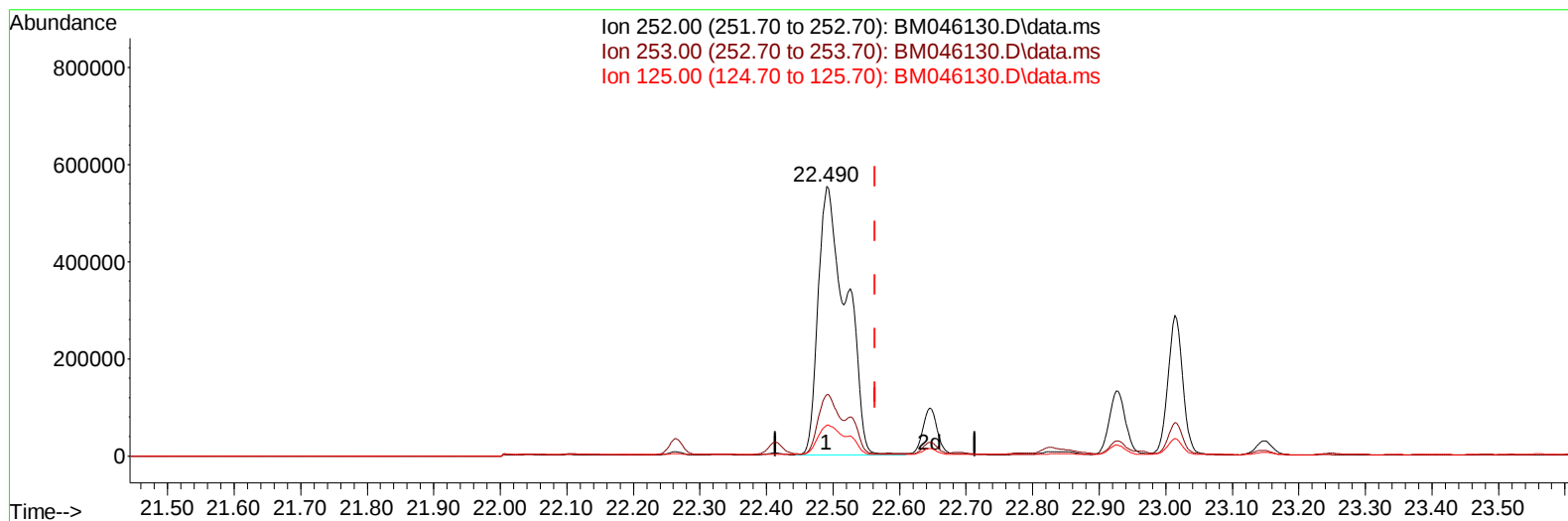
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

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TIC: BM046130.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.073) 37.08 ng/u1

response 1611348

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	22.72#
125.00	20.80	11.38#
0.00	0.00	0.00

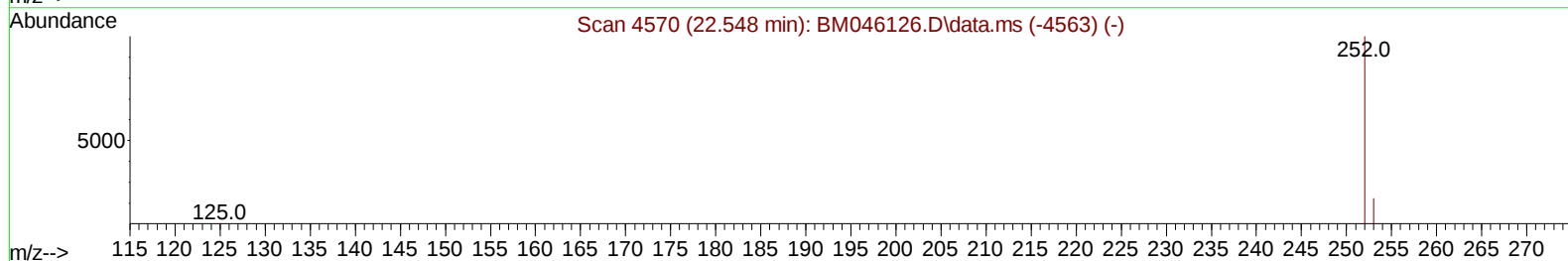
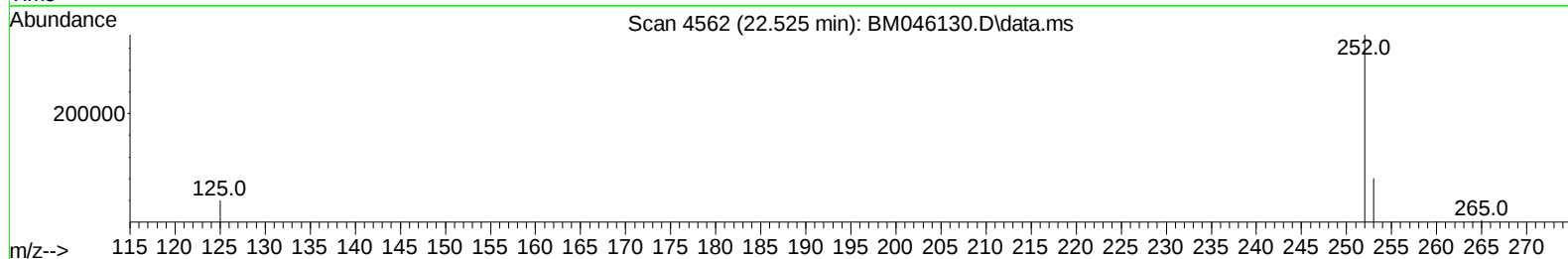
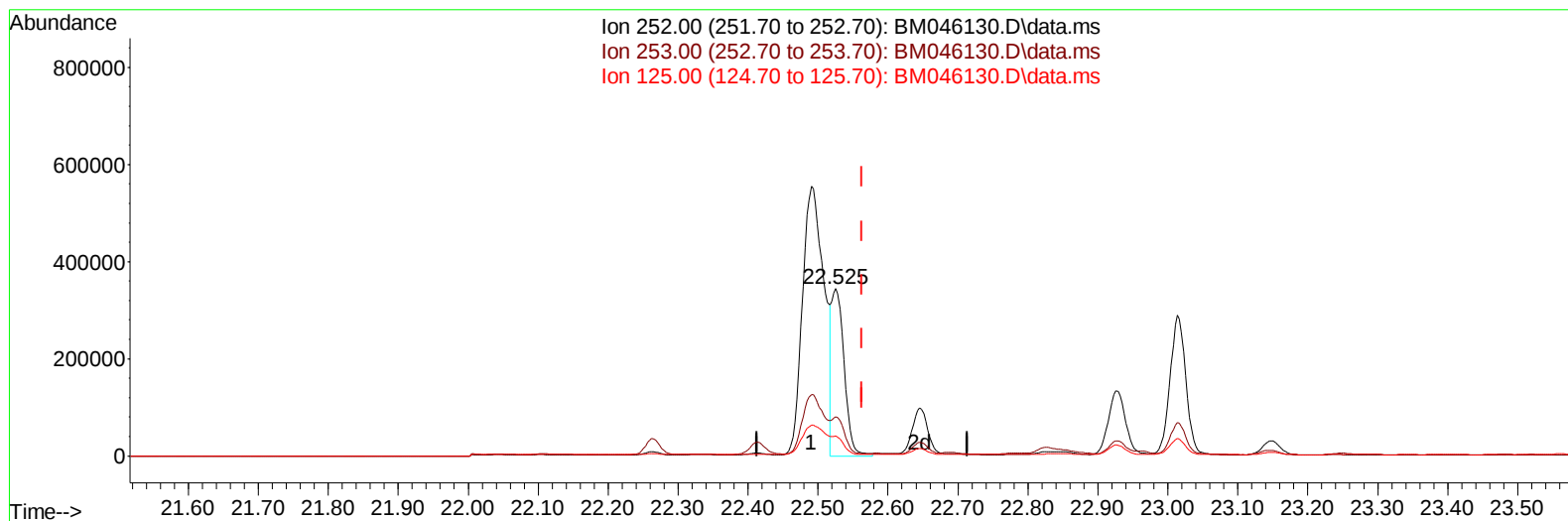
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:48:32 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: BM046130.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.038) 10.01 ng/u1 m

response 435096

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.36#
125.00	20.80	11.81#
0.00	0.00	0.00

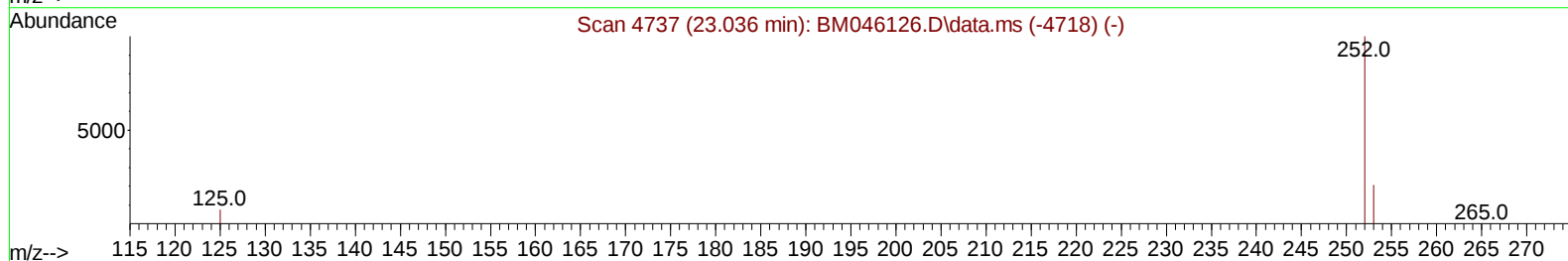
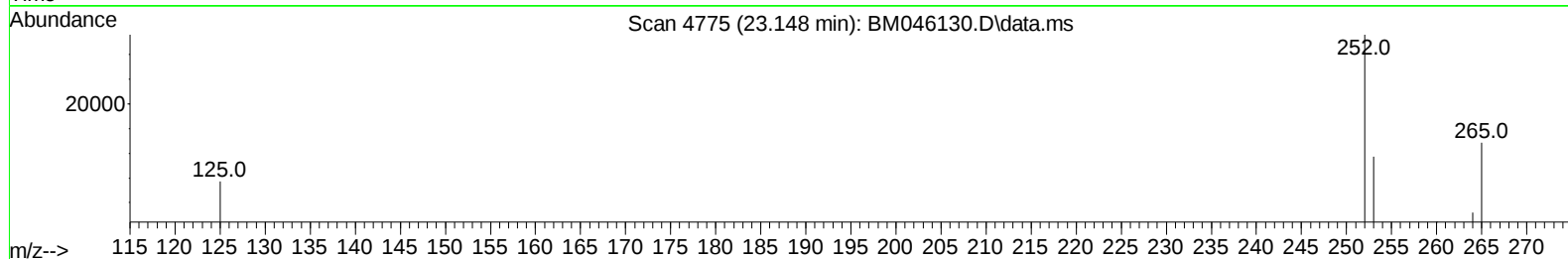
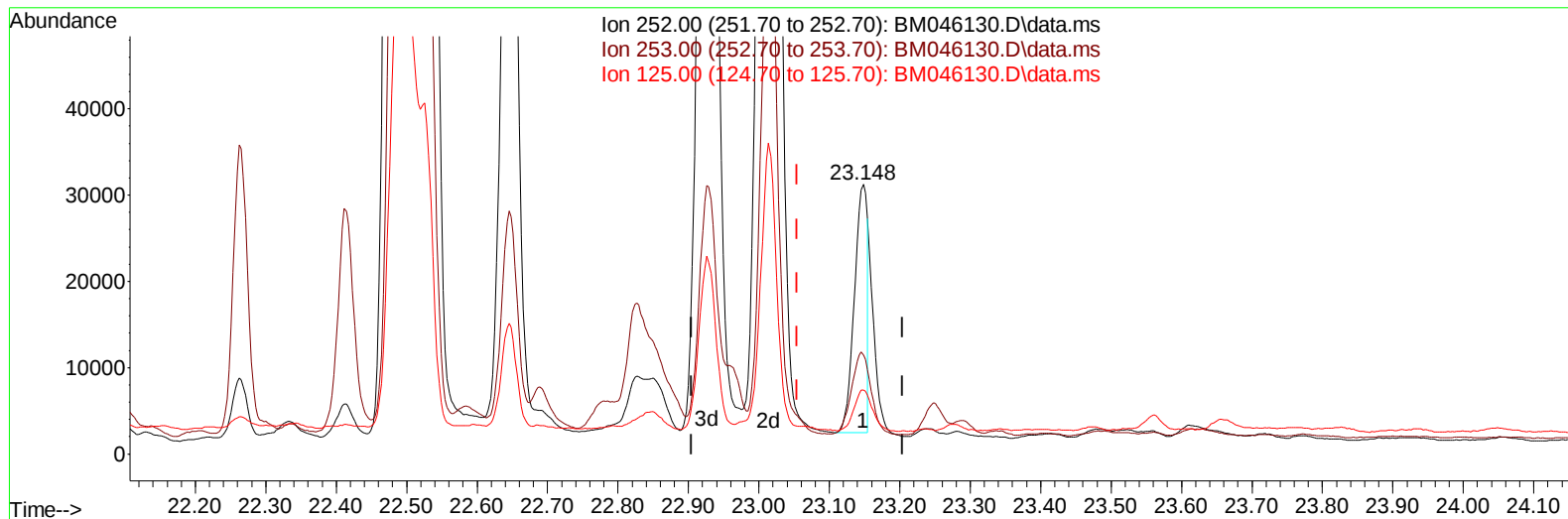
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Instrument :
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TIC: BM046130.D\data.ms

(26) Benzo(a)pyrene (C)

23.148min (+ 0.094) 1.09 ng/u1

response 36759

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	36.75
125.00	26.50	23.69
0.00	0.00	0.00

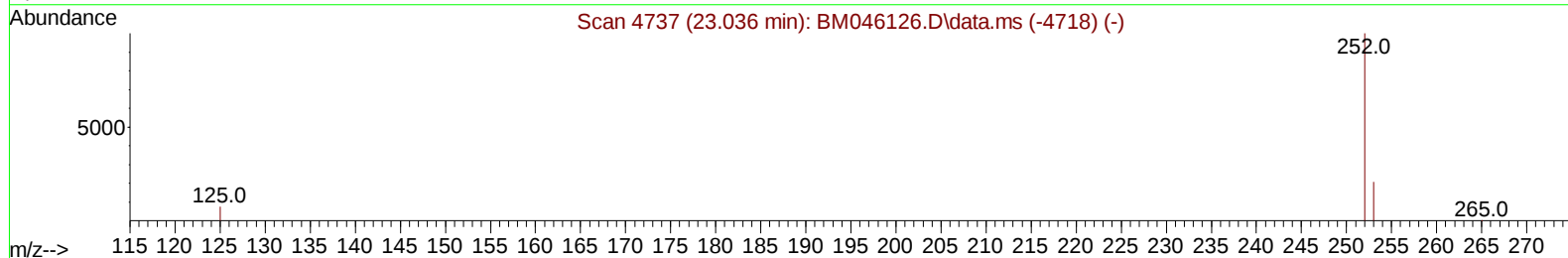
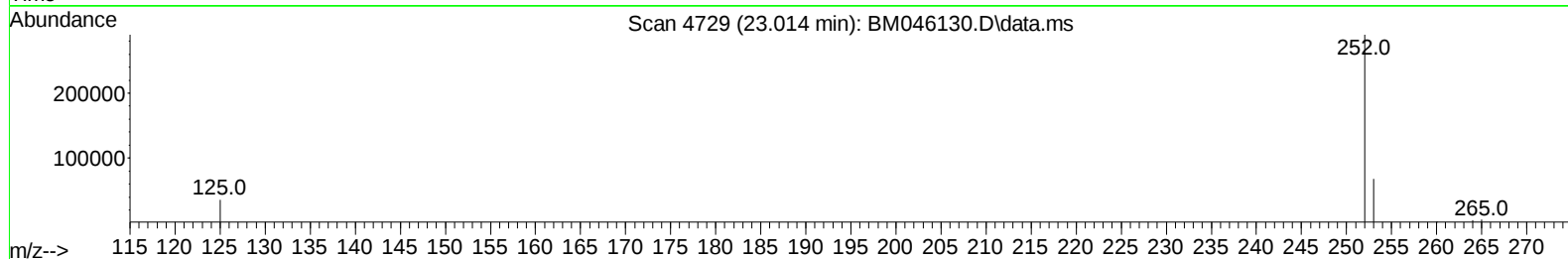
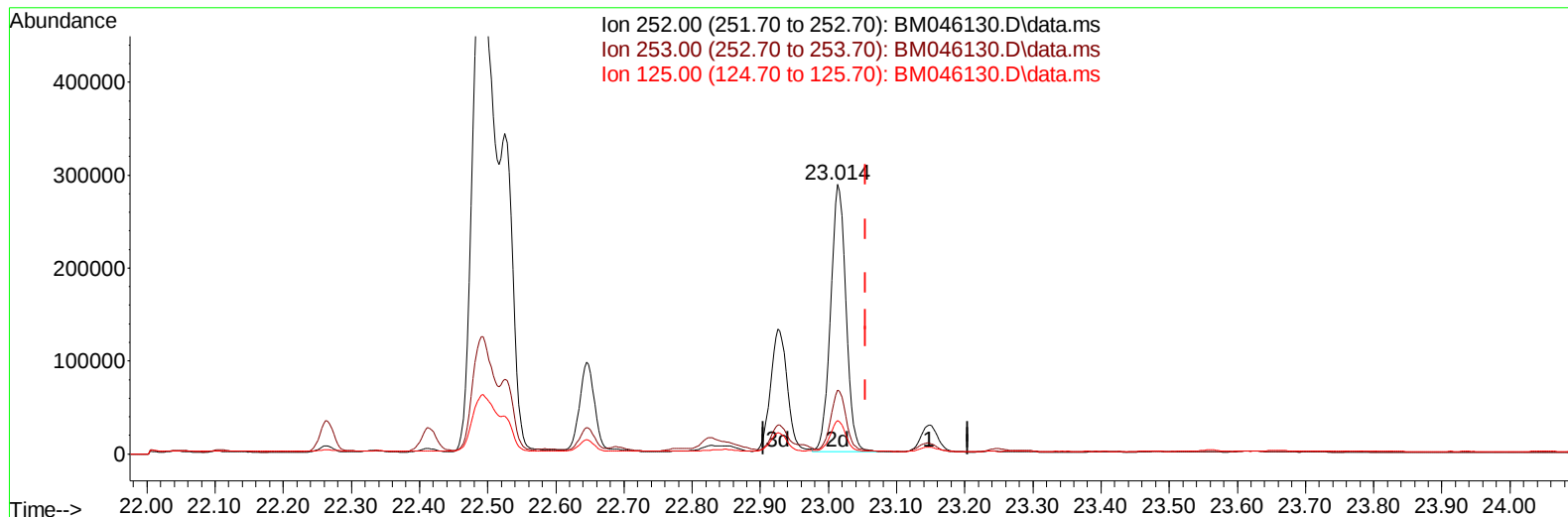
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Manual IntegrationsAPPROVED

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TIC: BM046130.D\data.ms

(26) Benzo(a)pyrene (C)

23.014min (-0.041) 13.38 ng/ul m

response 453236

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	23.60#
125.00	26.50	12.42#
0.00	0.00	0.00

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 Data File : BM046130.D
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 Operator : MA/JU
 Sample : P2710-21
 Misc :
 ALS Vial : 18 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	7.422	152	2535	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.187	136	7274	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.066	164	4239	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.807	188	9582m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6384m	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	10145	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	20758	5.968	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.804	152	4481	0.459	ng/ul	-0.06
18) Fluoranthene-d10	18.843	212	10914	0.571	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.237	128	38765	1.911	ng/ul#	93
7) 2-Methylnaphthalene	11.876	142	14582	1.277	ng/ul	98
8) 1-Methylnaphthalene	12.096	142	13274	1.060	ng/ul	98
10) Acenaphthylene	13.784	152	44009	2.189	ng/ul	97
11) Acenaphthene	14.131	153	61347	4.226	ng/ul	97
12) Fluorene	15.121	166	83819	5.382	ng/ul	99
15) Phenanthrene	16.849	178	1418565m	52.694	ng/ul	
16) Anthracene	16.942	178	254473m	12.692	ng/ul	
19) Fluoranthene	18.875	202	2159803	78.136	ng/ul	97
20) Pyrene	19.238	202	1436591	48.058	ng/ul	97
21) Benzo(a)anthracene	20.991	228	905838m	36.734	ng/ul	
22) Chrysene	21.044	228	901955	28.661	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	1190638m	32.575	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	435096m	10.013	ng/ul	
26) Benzo(a)pyrene	23.014	252	453236m	13.382	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.152	276	412678	7.445	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	144117	3.492	ng/ul	92
29) Benzo(g,h,i)perylene	25.773	276	56990	1.199	ng/ul	97

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

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