

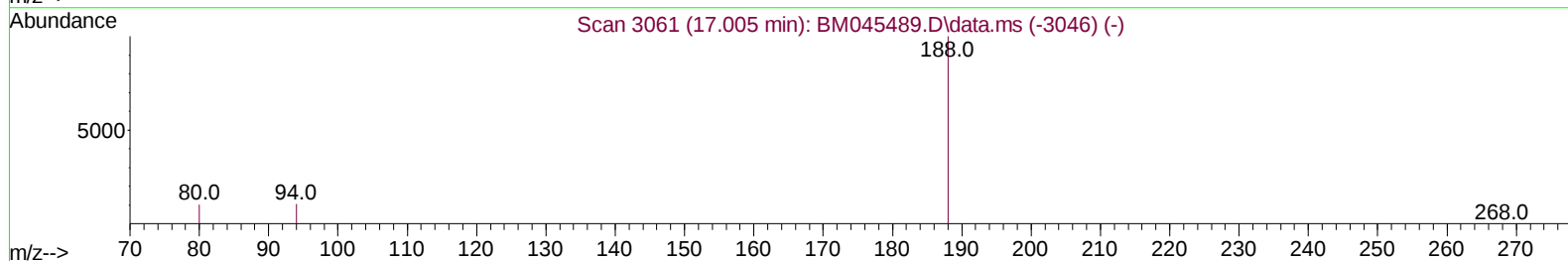
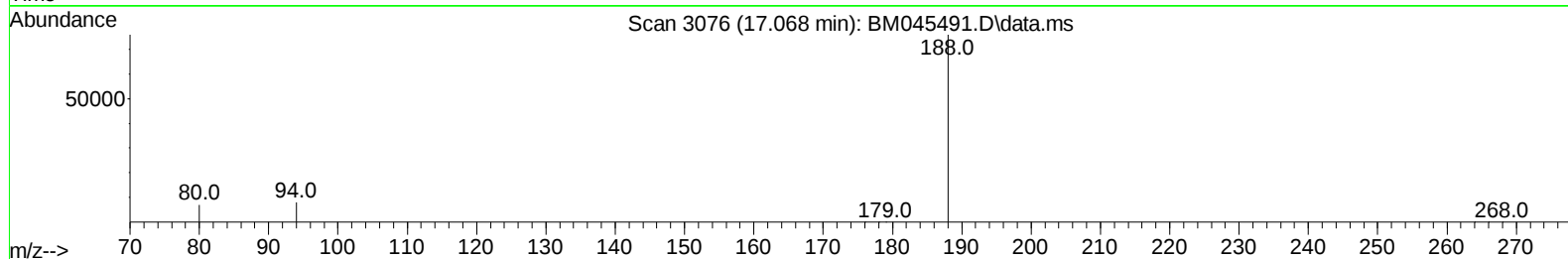
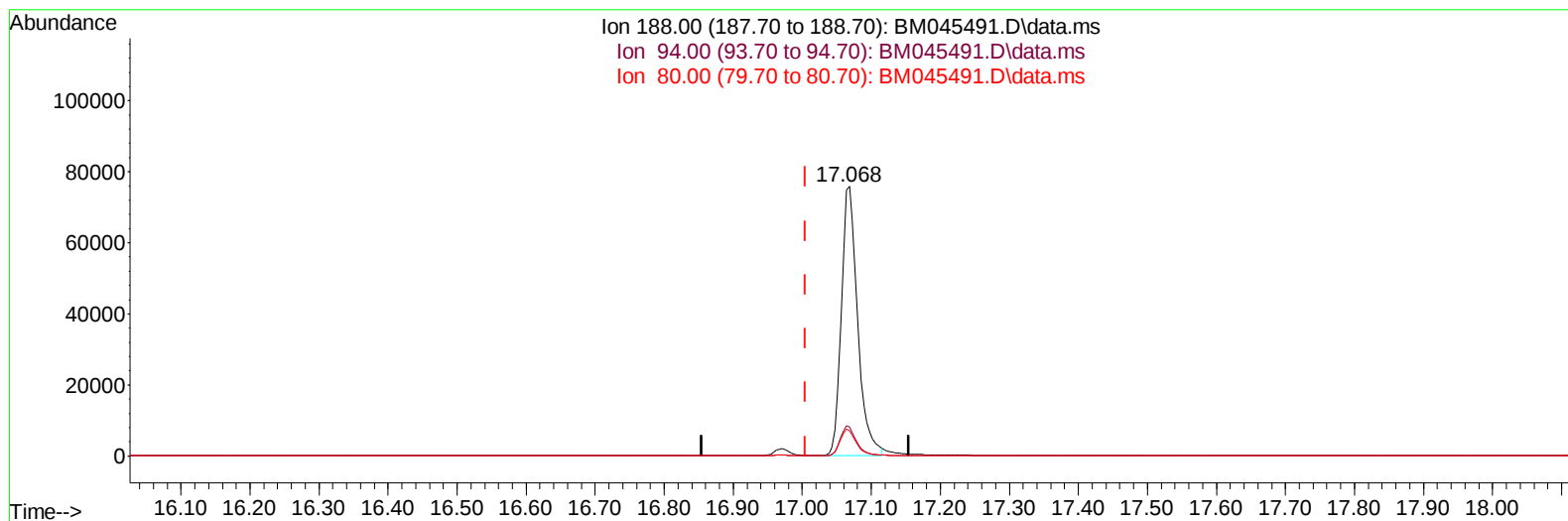
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:31:05 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 : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(13) Phenanthrene-d10 (I)

17.068min (+ 0.063) 0.40 ng/u1

response 123695

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.68#
80.00	14.80	9.36#
0.00	0.00	0.00

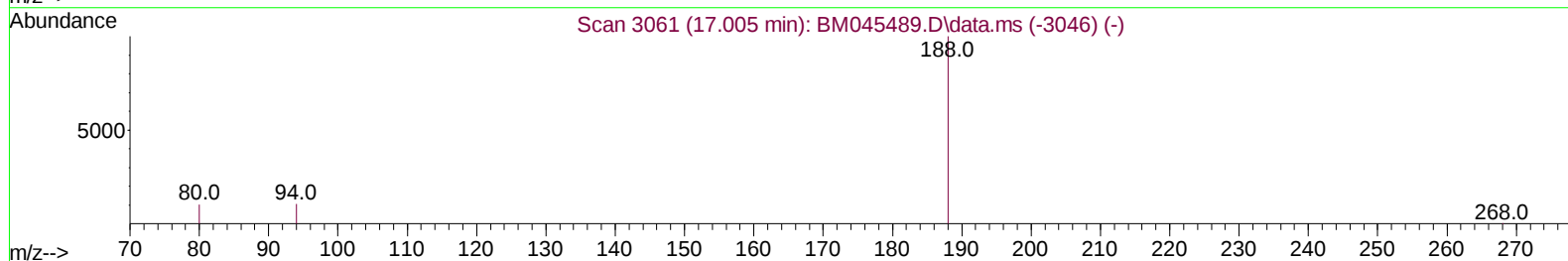
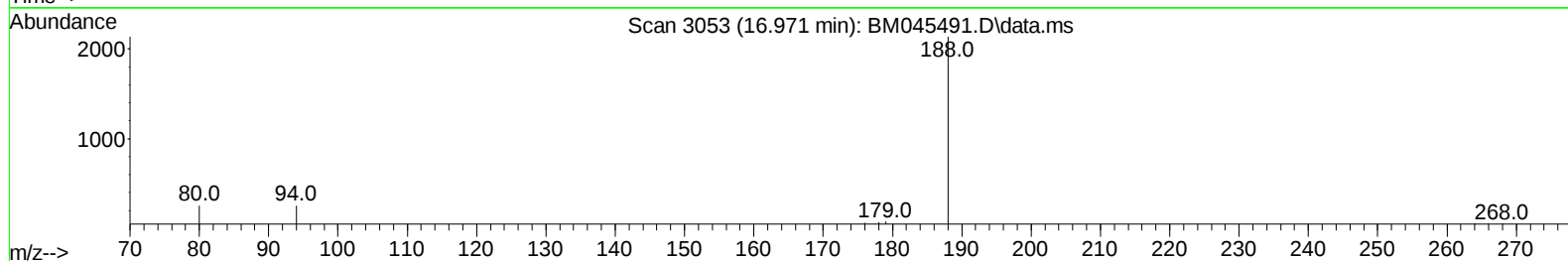
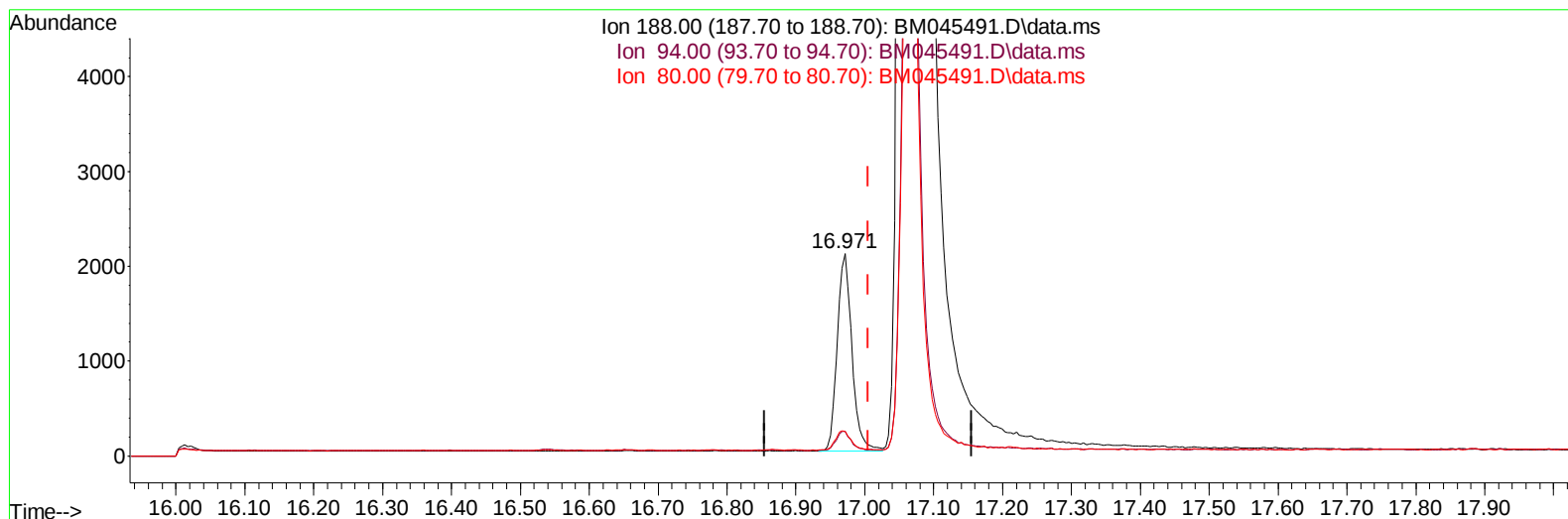
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(13) Phenanthrene-d10 (I)

16.971min (-0.034) 0.40 ng/ul m

response 3120

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.99
80.00	14.80	11.99
0.00	0.00	0.00

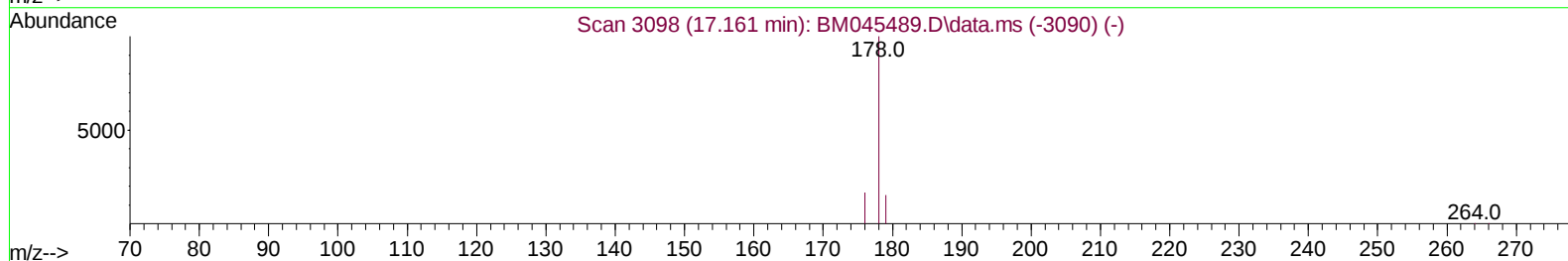
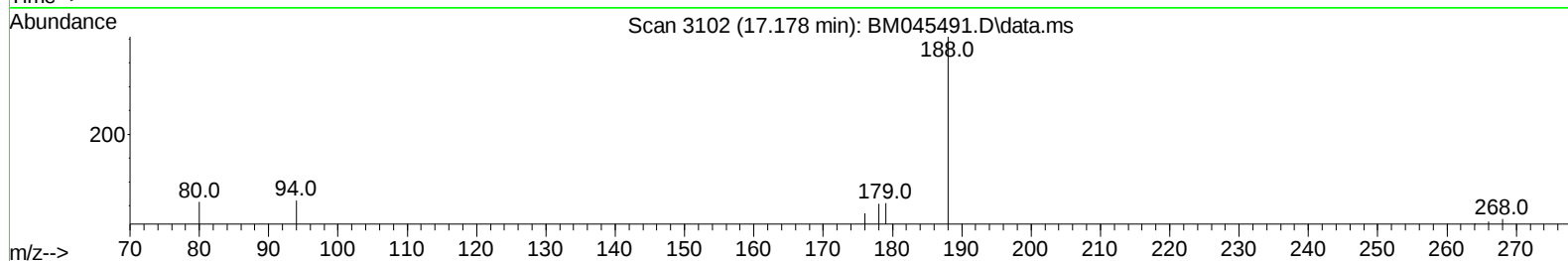
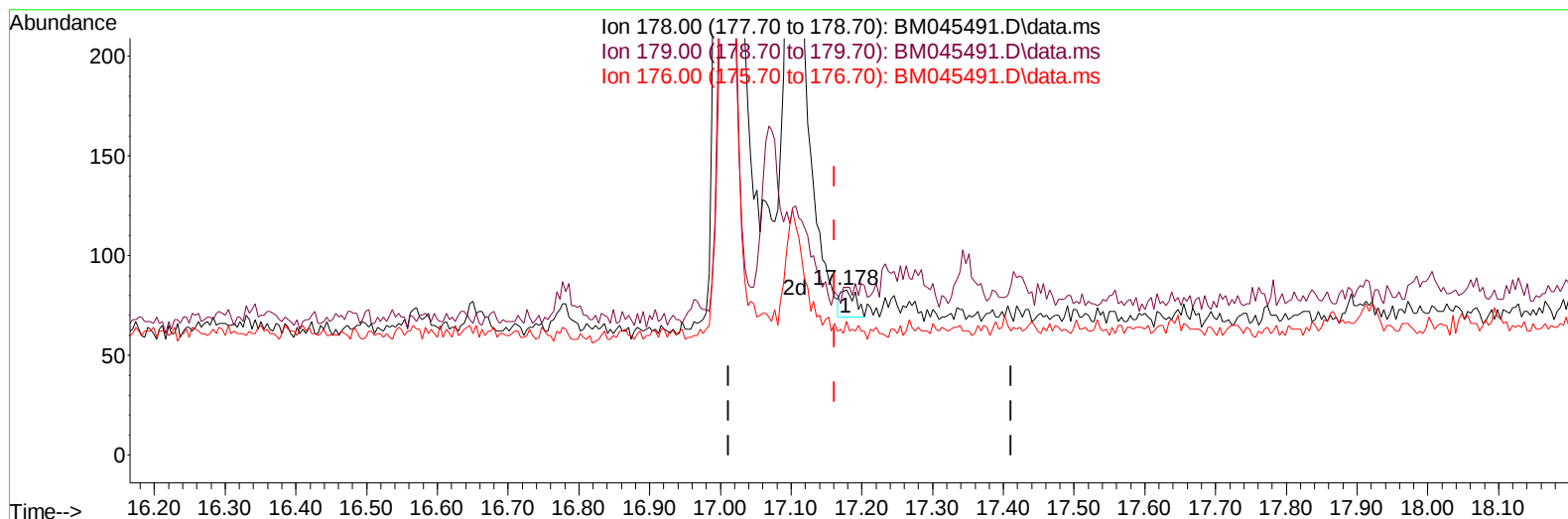
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

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TIC: BM045491.D\data.ms

(16) Anthracene

17.178min (+ 0.017) 0.00 ng/u1

response 21

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	101.20#
176.00	23.40	80.72#
0.00	0.00	0.00

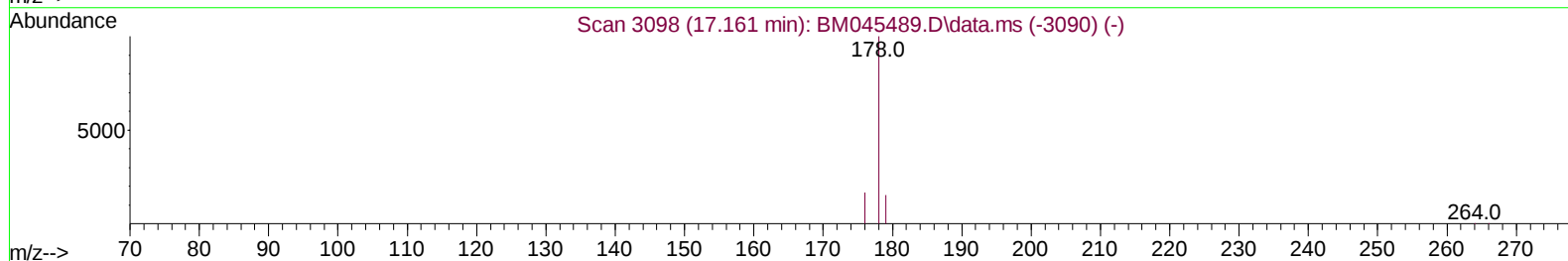
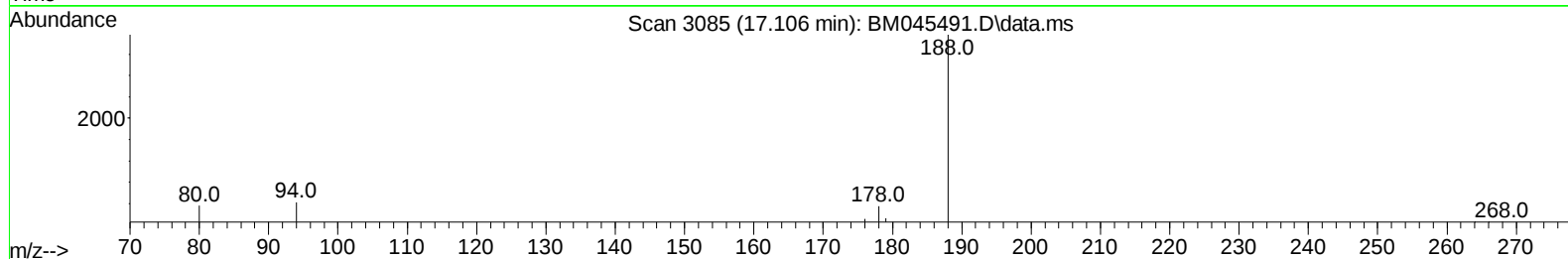
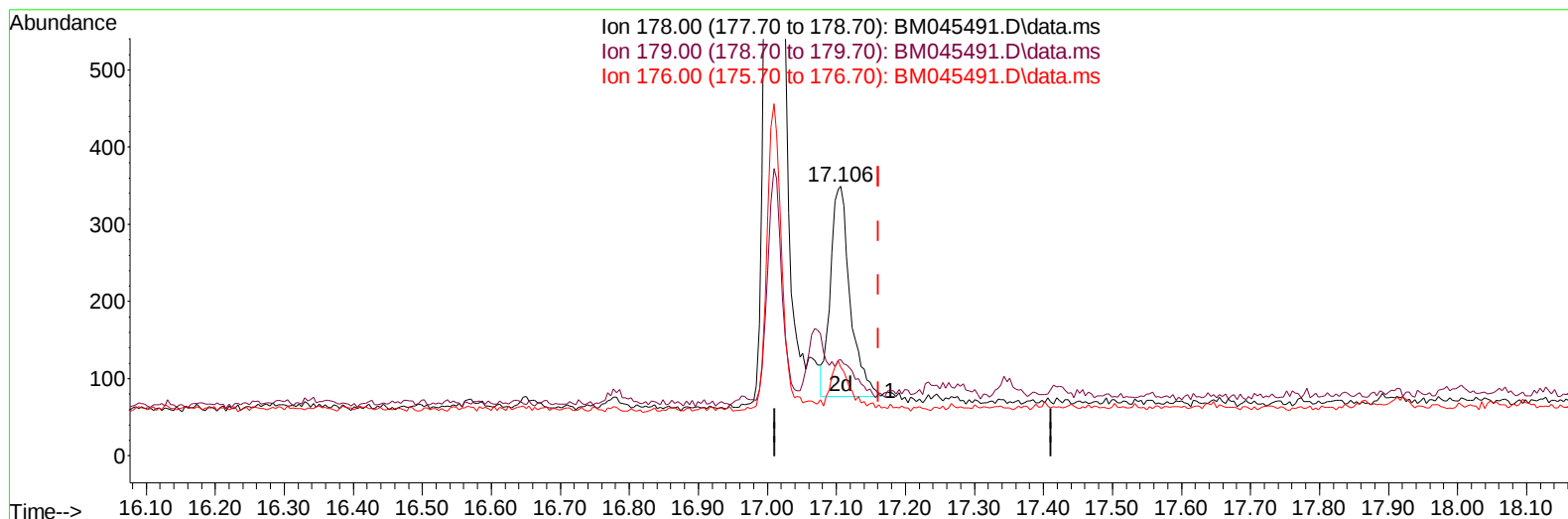
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(16) Anthracene

17.106min (-0.055) 0.06 ng/u1 m

response 539

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	35.82#
176.00	23.40	32.95#
0.00	0.00	0.00

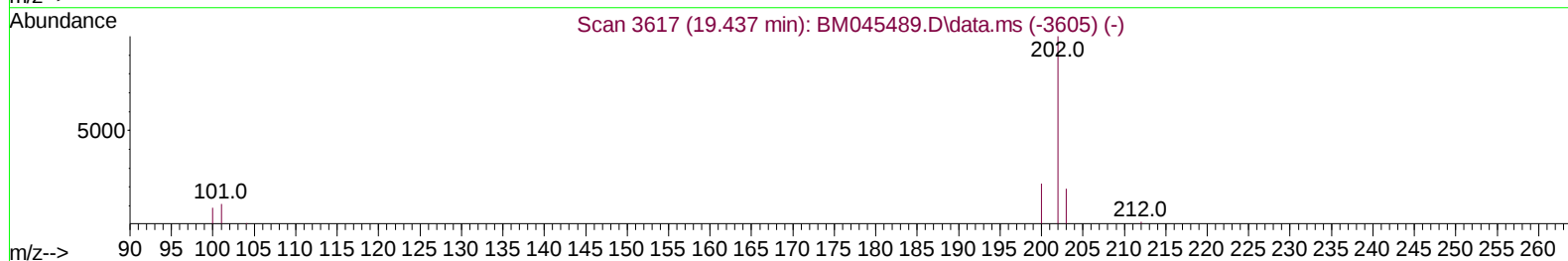
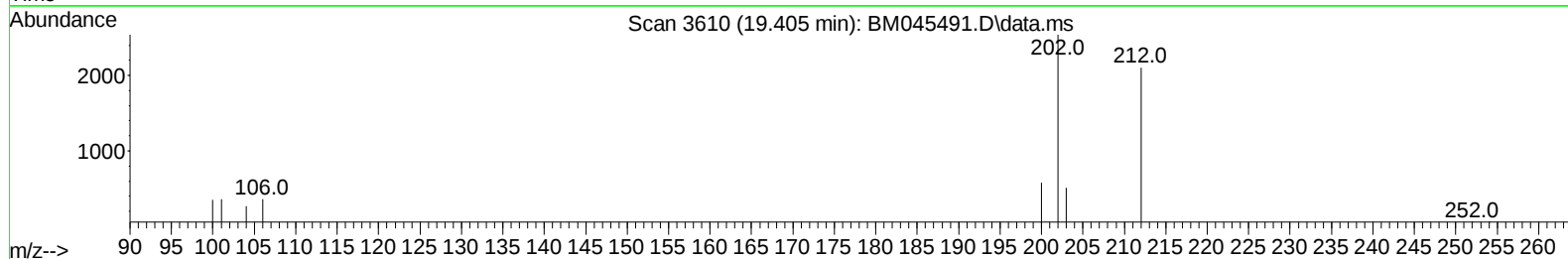
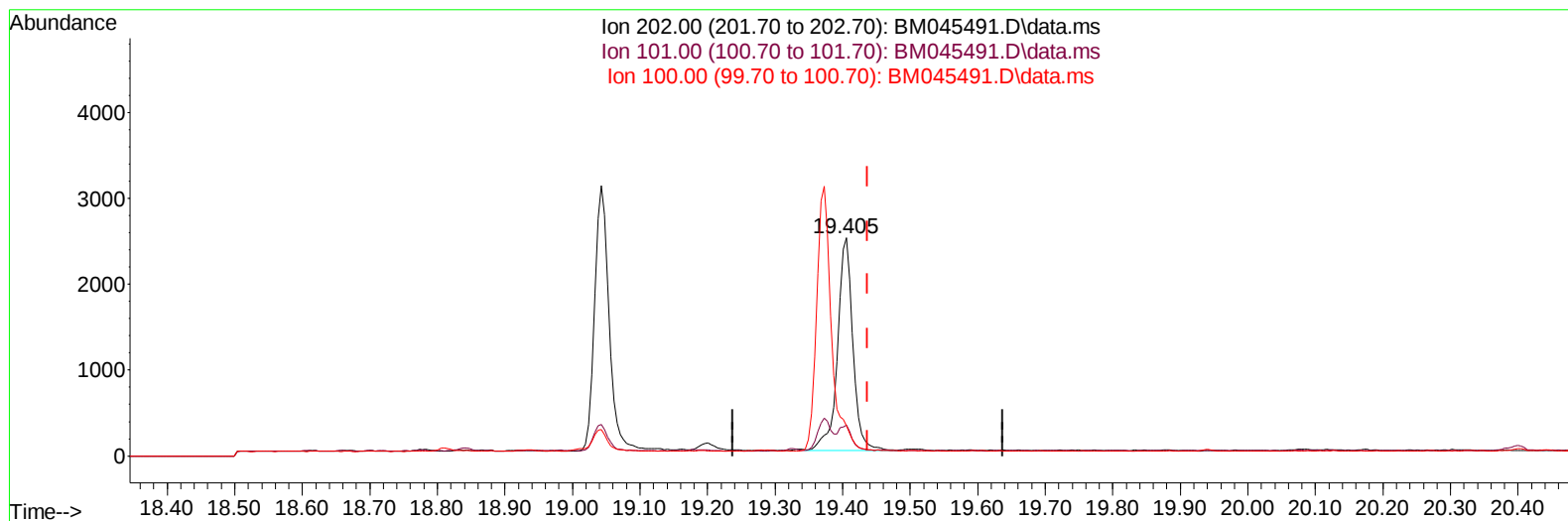
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
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Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

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TIC: BM045491.D\data.ms

(20) Pyrene

19.405min (-0.032) 0.38 ng/u1

response 3941

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	14.06
100.00	13.20	13.74
0.00	0.00	0.00

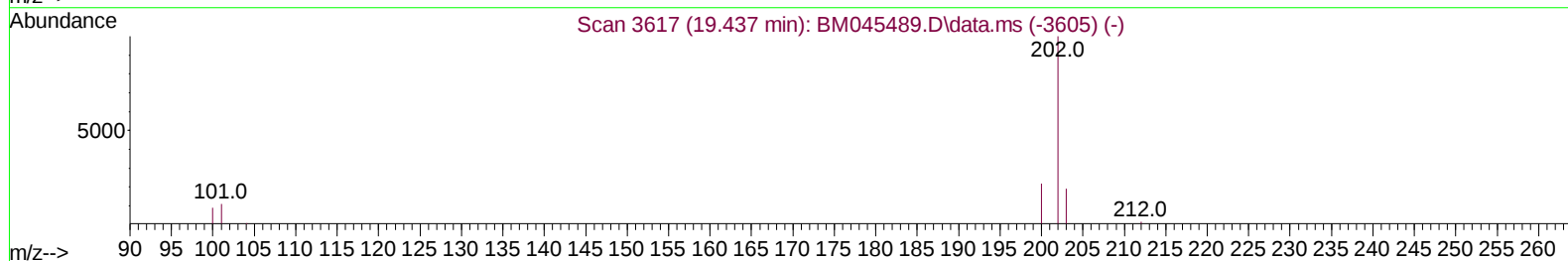
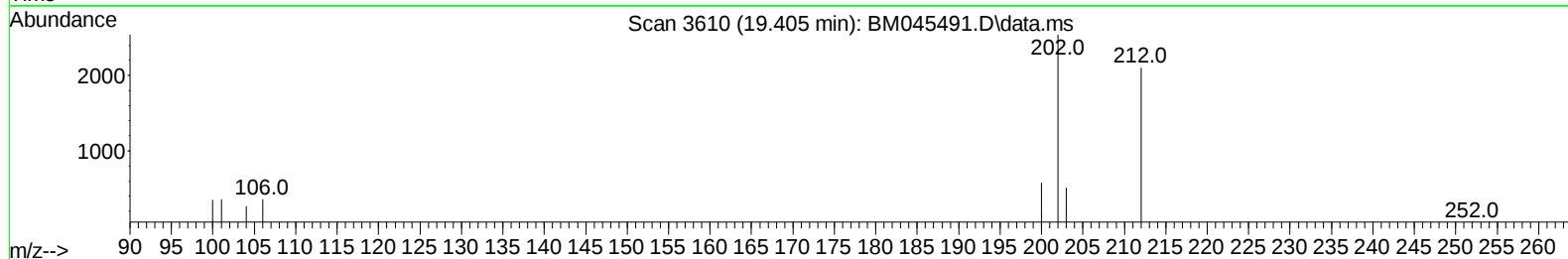
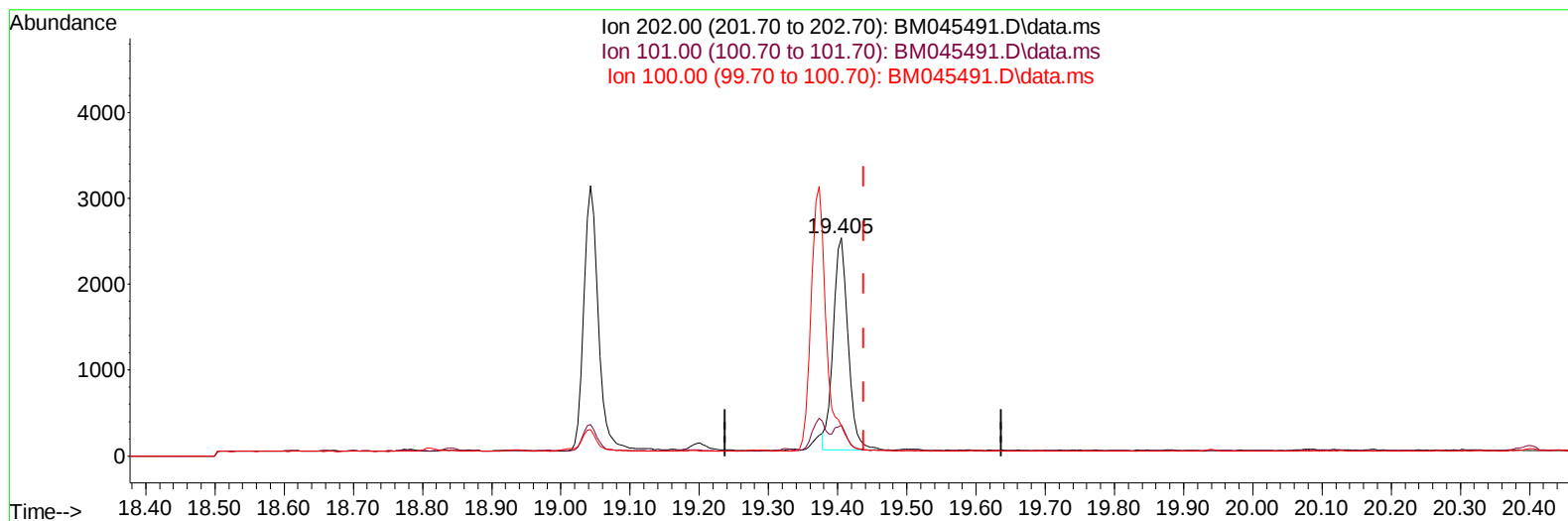
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:31:05 2024
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TIC: BM045491.D\data.ms

(20) Pyrene

19.405min (-0.032) 0.36 ng/ul m

response 3714

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	14.06
100.00	13.20	13.74
0.00	0.00	0.00

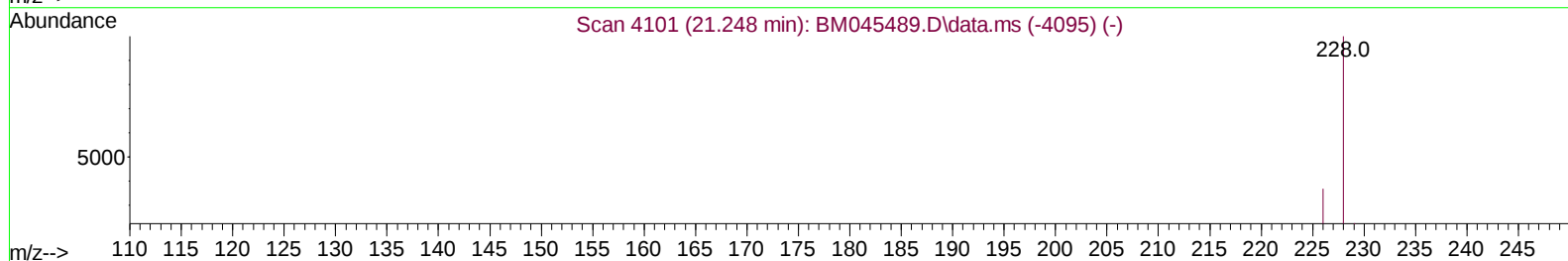
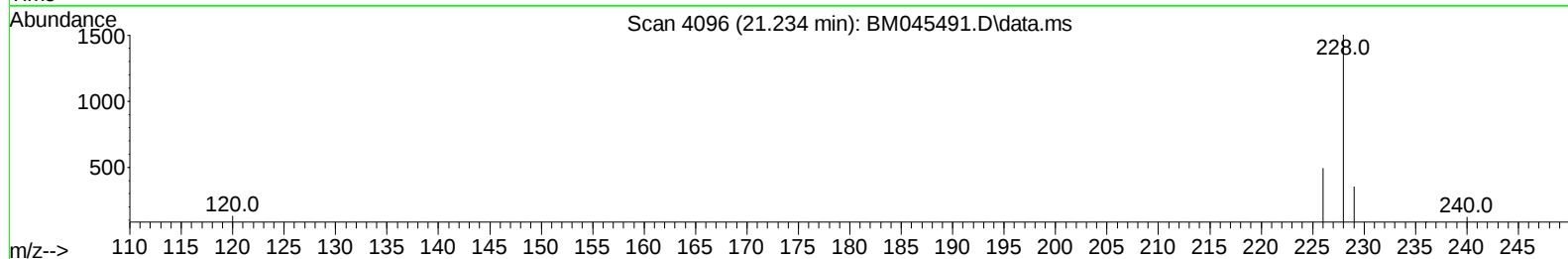
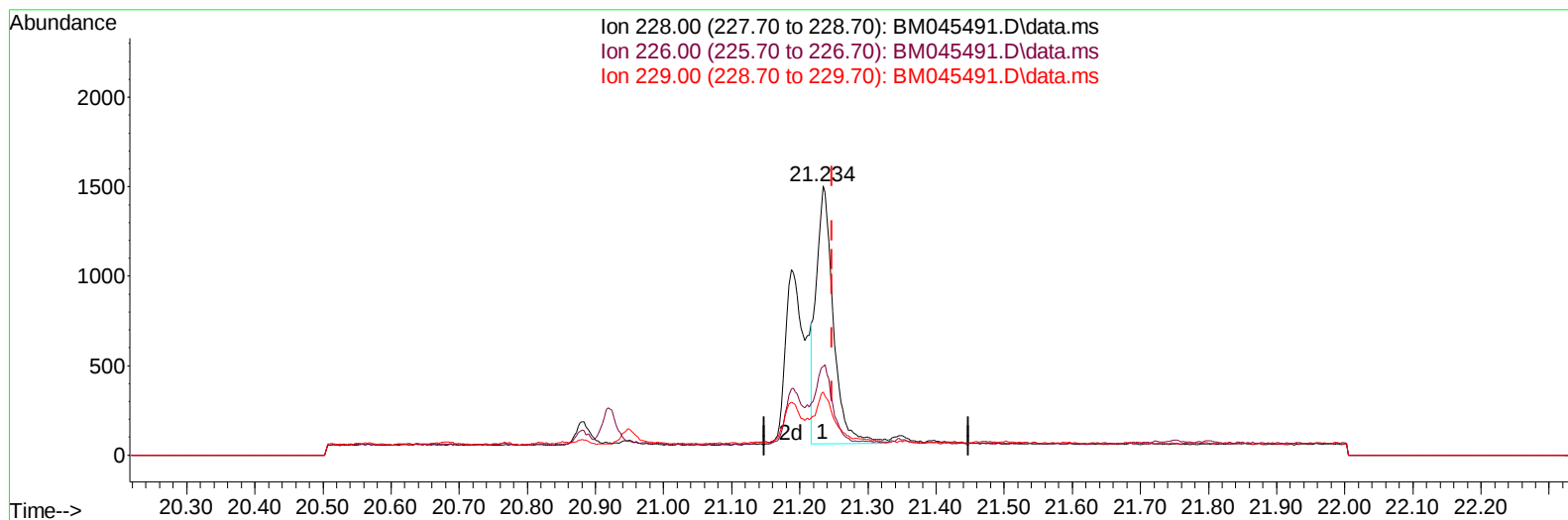
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
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E1CY0

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TIC: BM045491.D\data.ms

(22) Chrysene

21.234min (-0.014) 0.24 ng/u1

response 2528

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	32.93
229.00	22.30	23.49
0.00	0.00	0.00

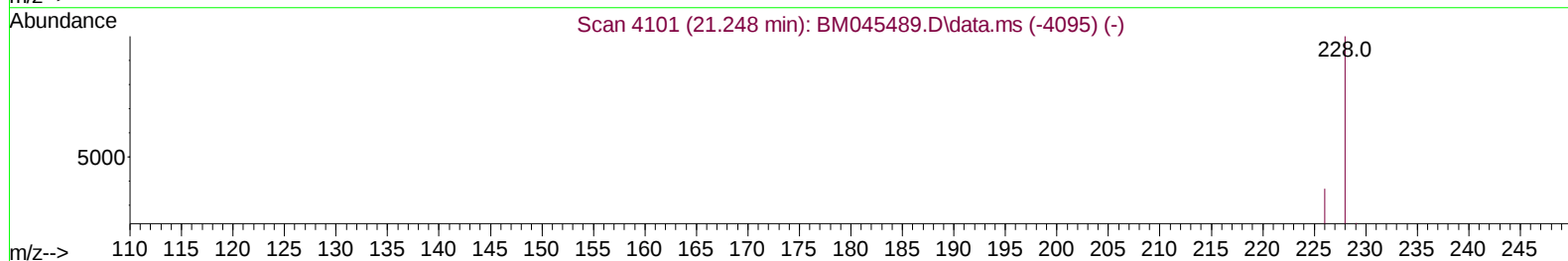
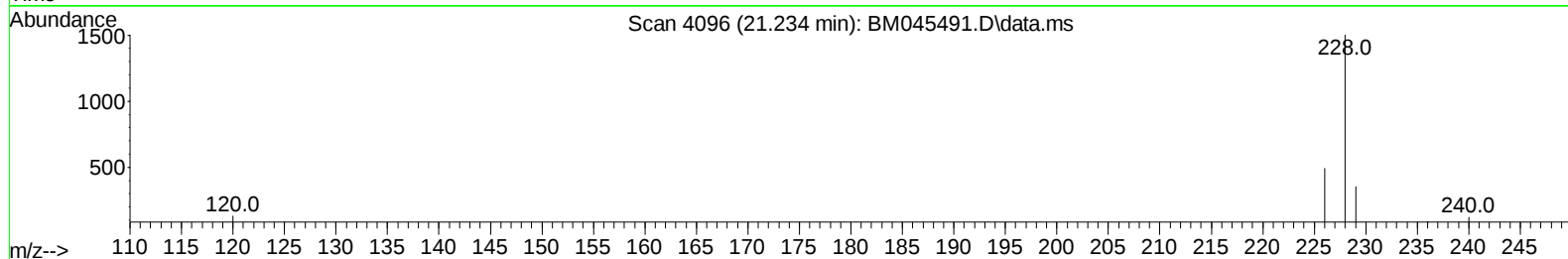
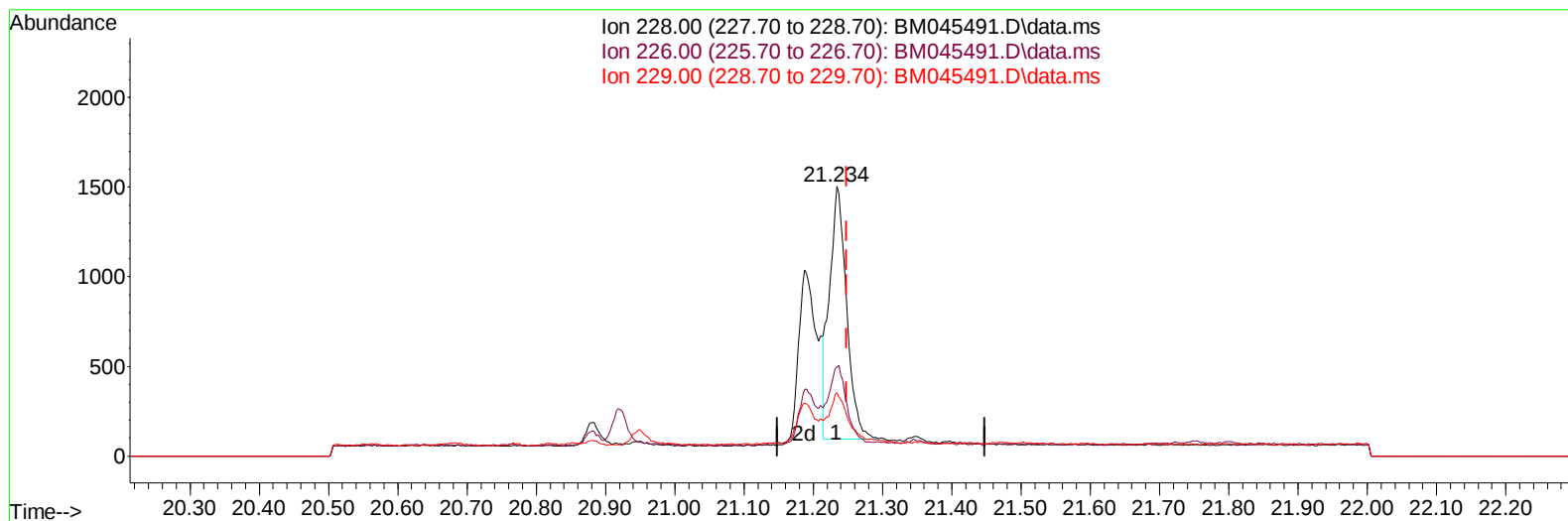
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:31:05 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(22) Chrysene

21.234min (-0.014) 0.23 ng/ul m

response 2449

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.90	32.93
229.00	22.30	23.49
0.00	0.00	0.00

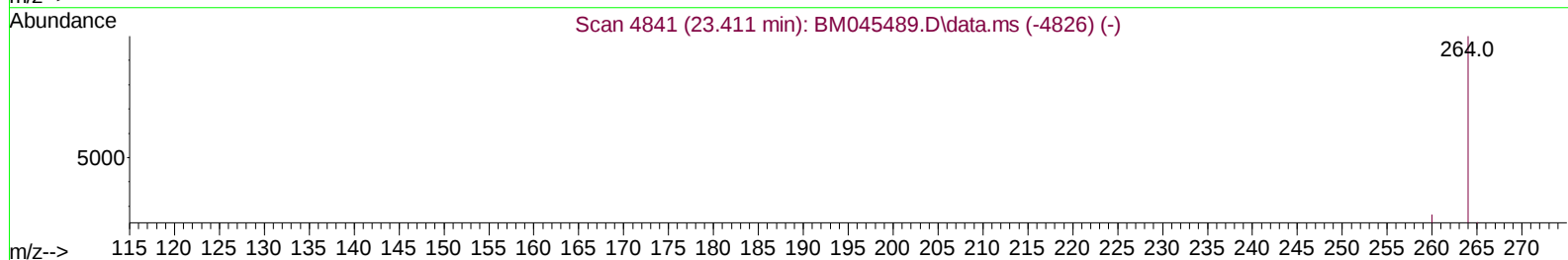
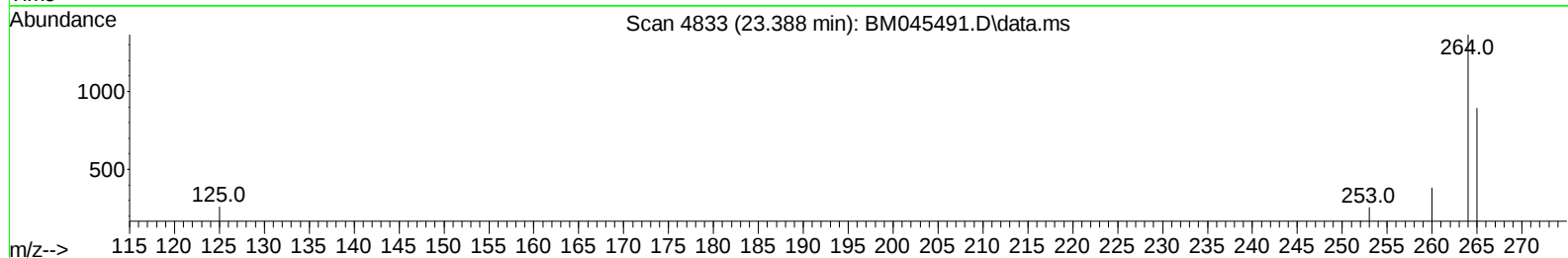
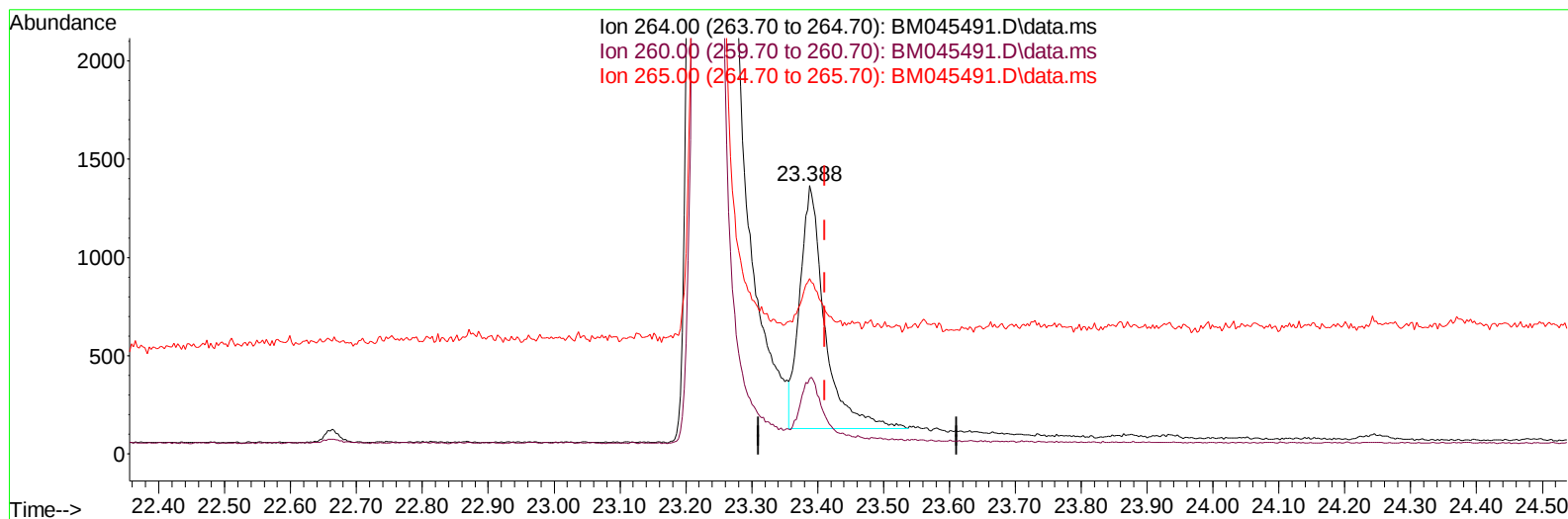
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
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Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045491.D\data.ms

(23) Perylene-d12 (I)

23.388min (-0.023) 0.40 ng/u1

response 3275

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.06
265.00	86.70	65.42#
0.00	0.00	0.00

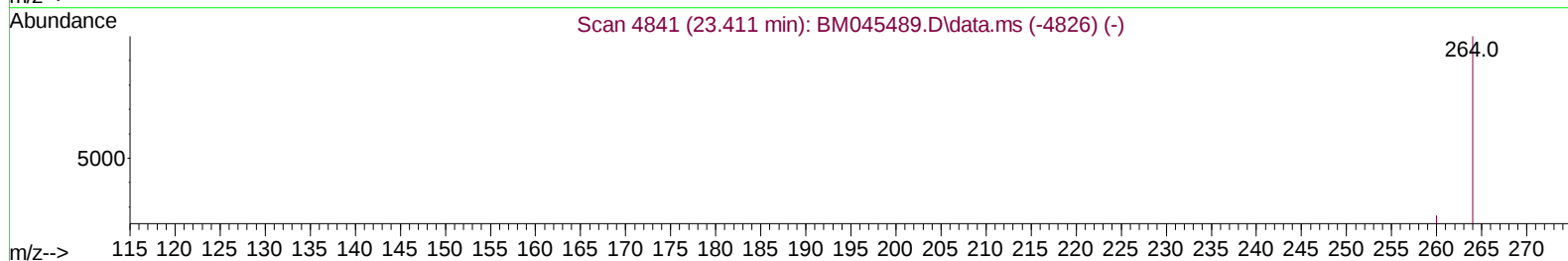
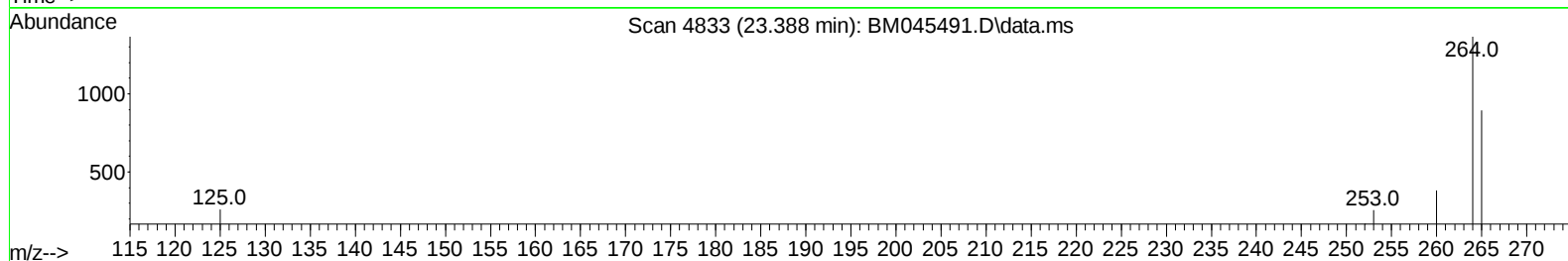
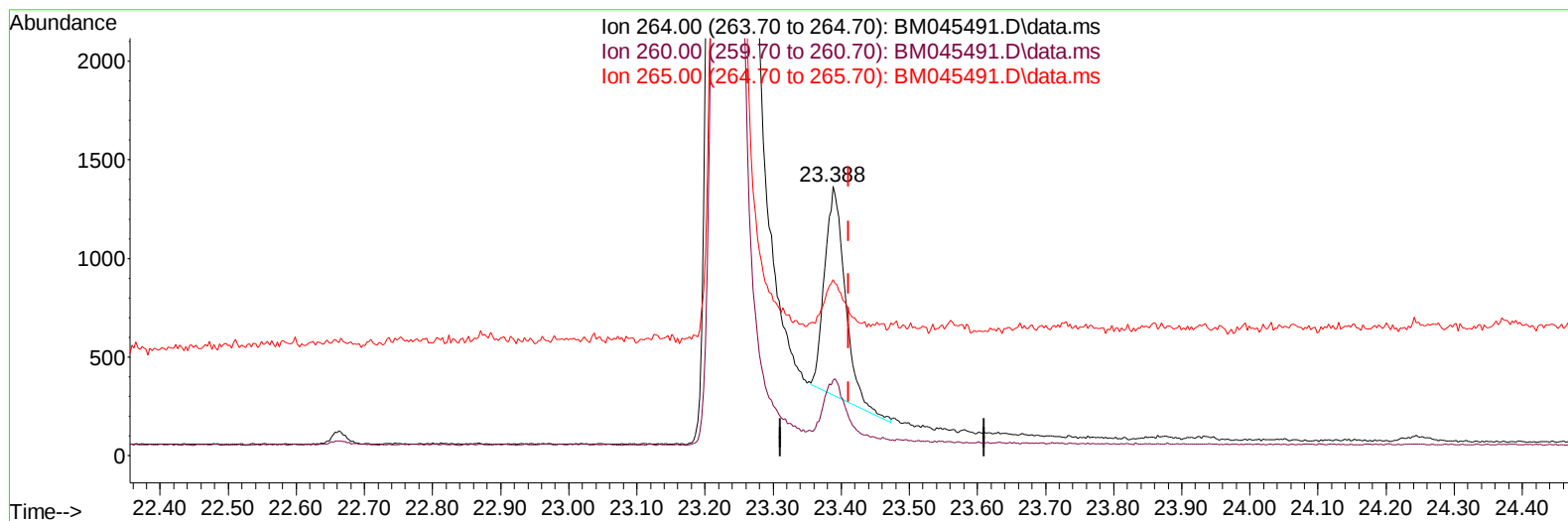
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045491.D
 Acq On : 22 Apr 2024 22:25
 Operator : MA/JU
 Sample : P2037-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY0

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:31:05 2024
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 Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(23) Perylene-d12 (I)

23.388min (-0.023) 0.40 ng/ul m

response 2211

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	28.06
265.00	86.70	65.42#
0.00	0.00	0.00

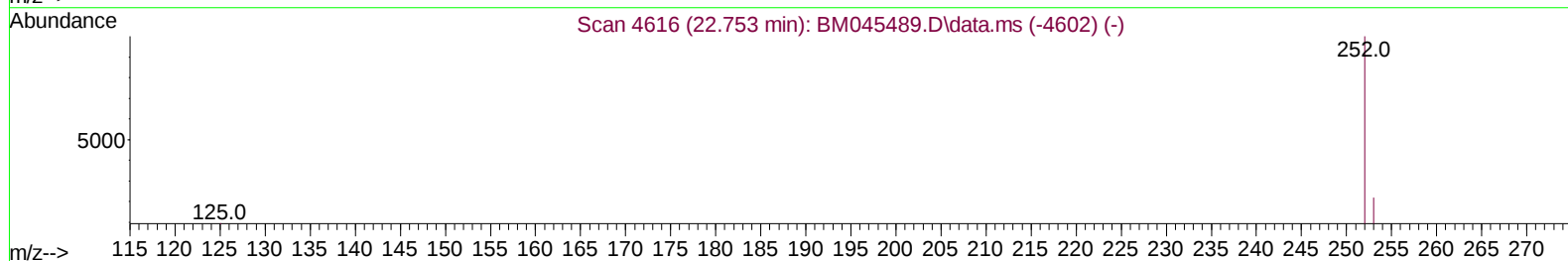
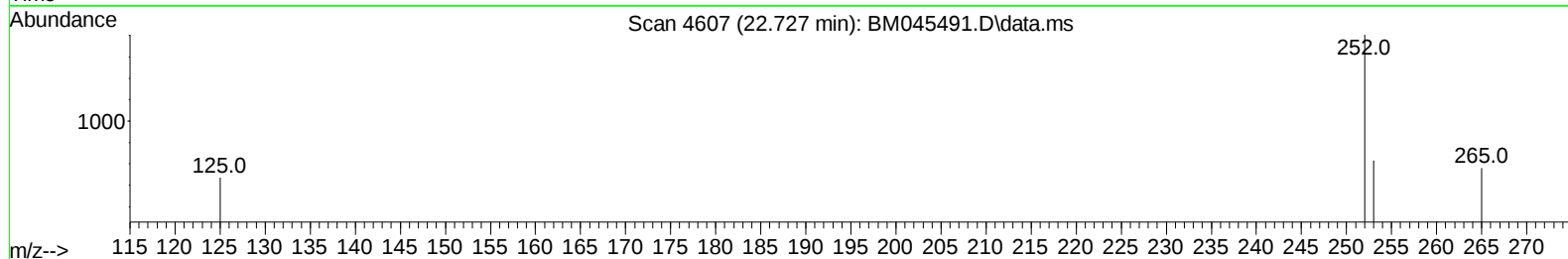
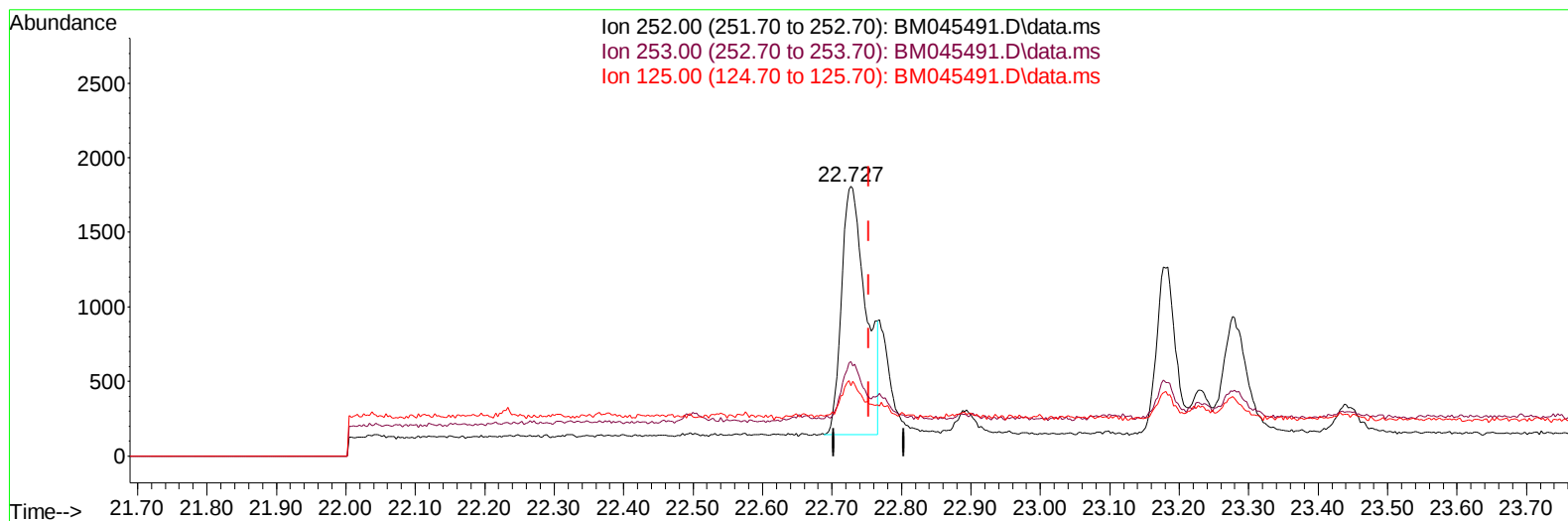
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ALS Vial : 21 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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TIC: BM045491.D\data.ms

(24) Benzo(b)fluoranthene

22.727min (-0.026) 0.54 ng/u1

response 4004

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	35.09
125.00	18.40	26.12
0.00	0.00	0.00

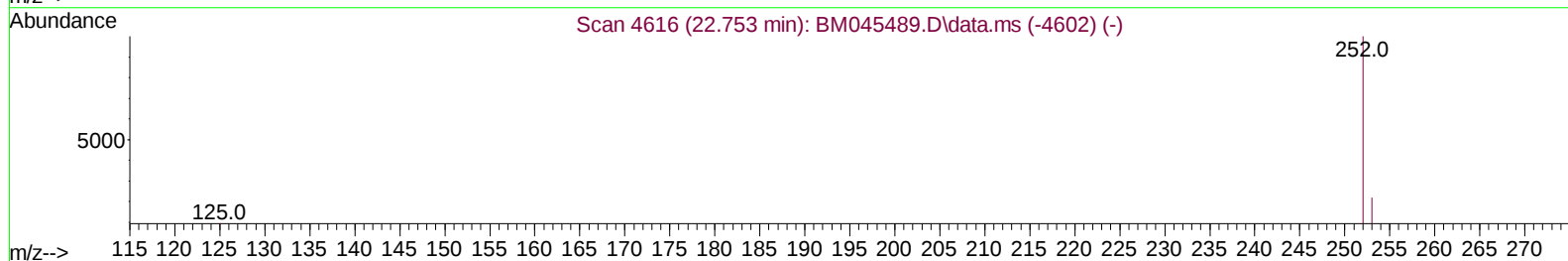
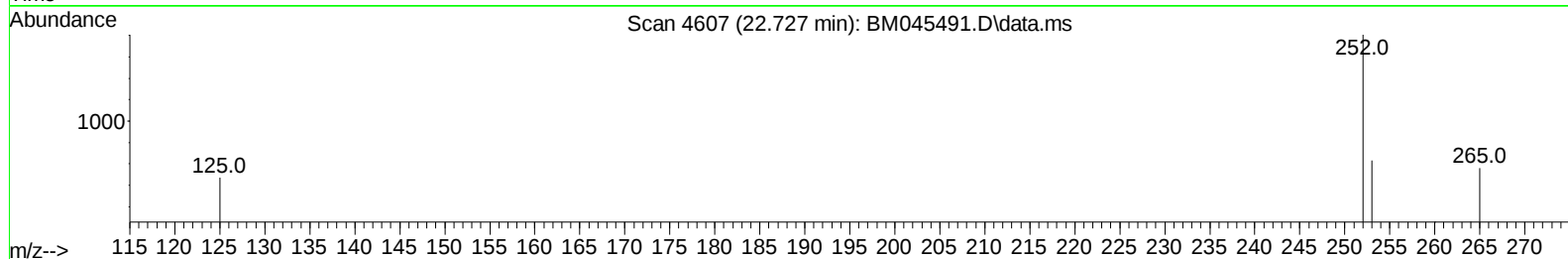
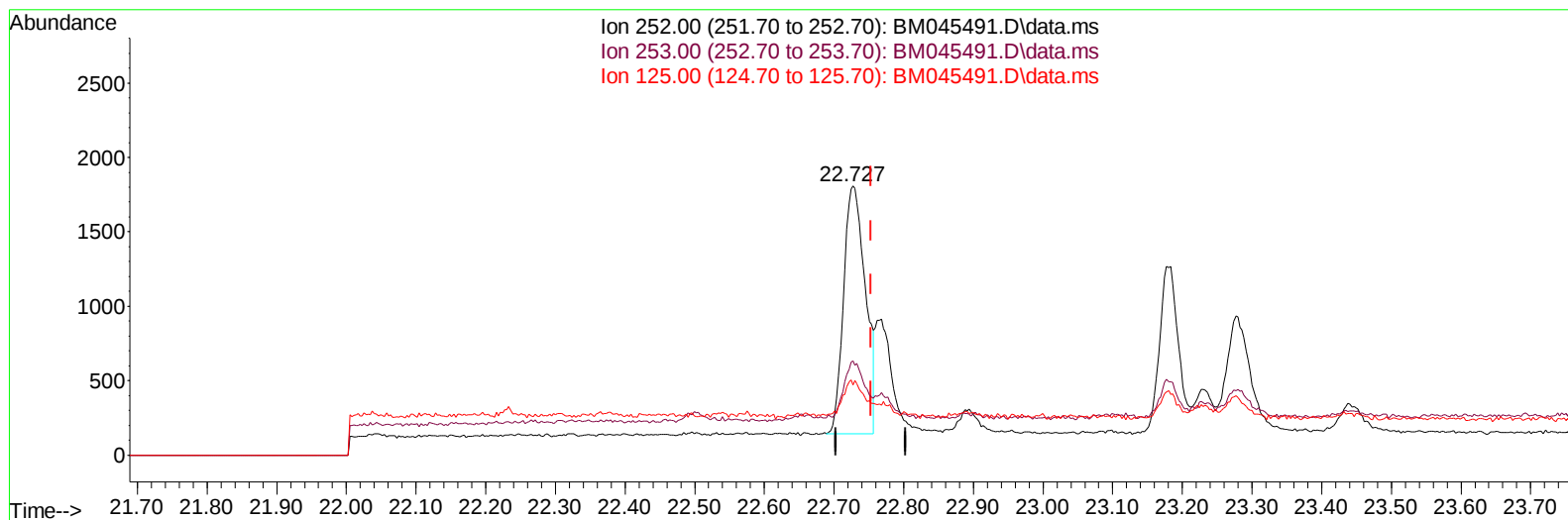
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(24) Benzo(b)fluoranthene

22.727min (-0.026) 0.49 ng/u1 m

response 3626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	35.09
125.00	18.40	26.12
0.00	0.00	0.00

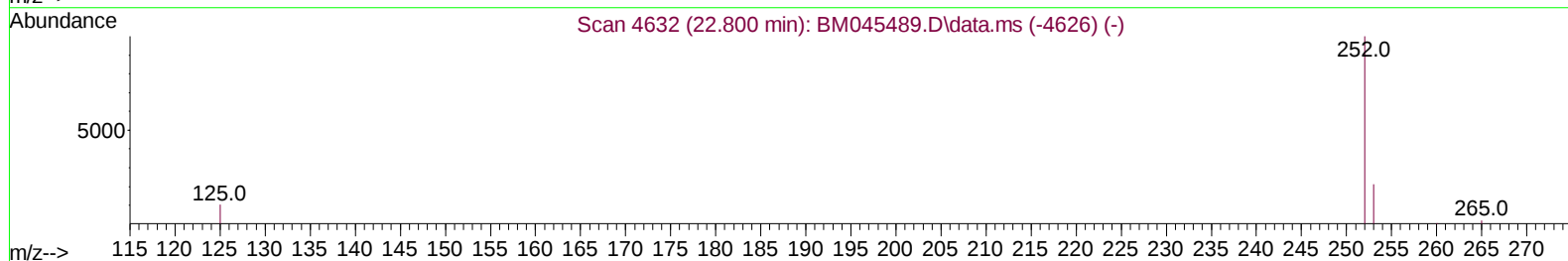
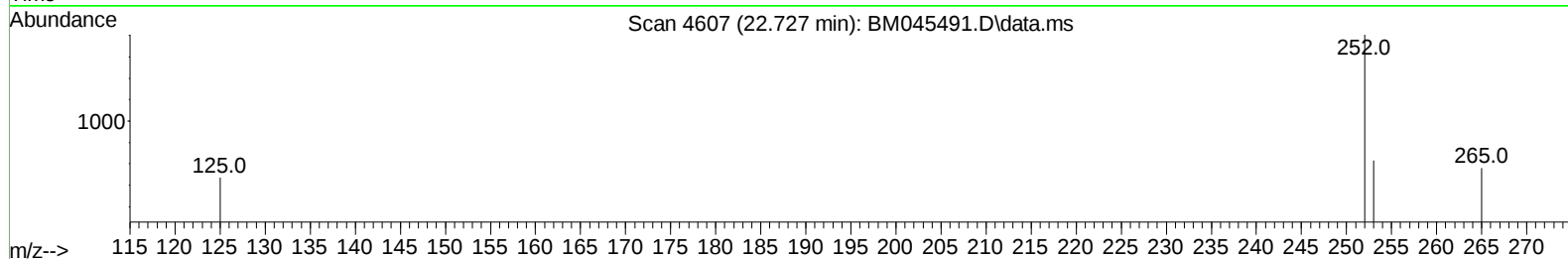
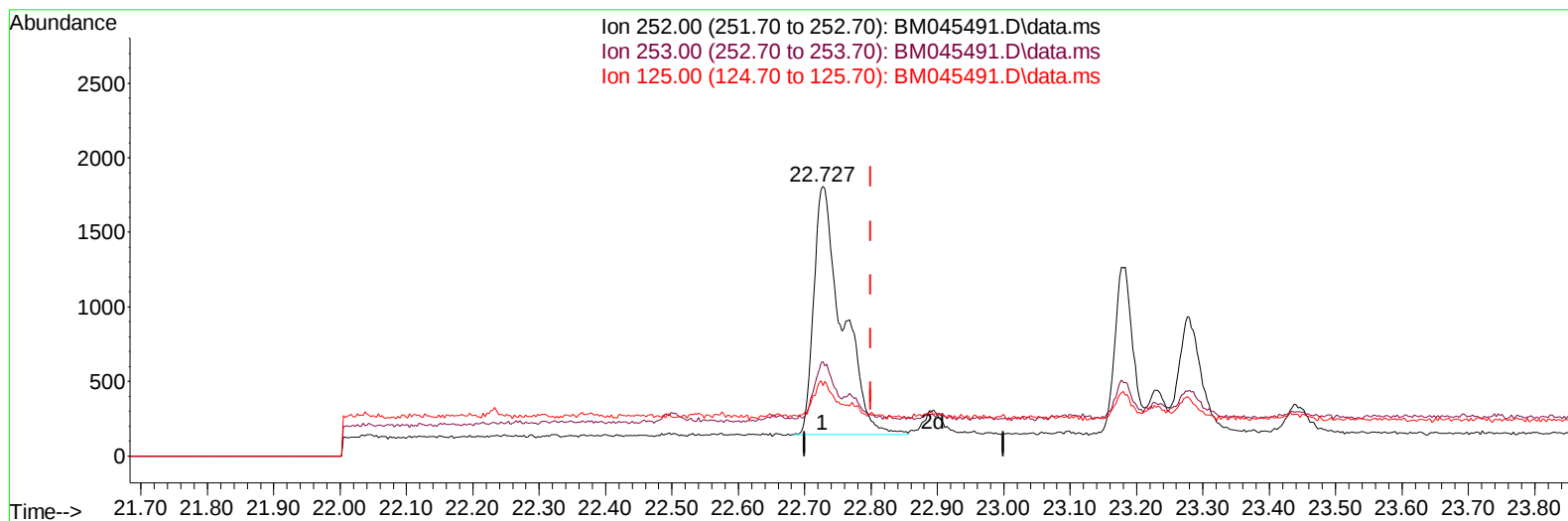
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

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TIC: BM045491.D\data.ms

(25) Benzo(k)fluoranthene

22.727min (-0.073) 0.53 ng/u1

response 4957

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	35.09
125.00	18.50	26.12#
0.00	0.00	0.00

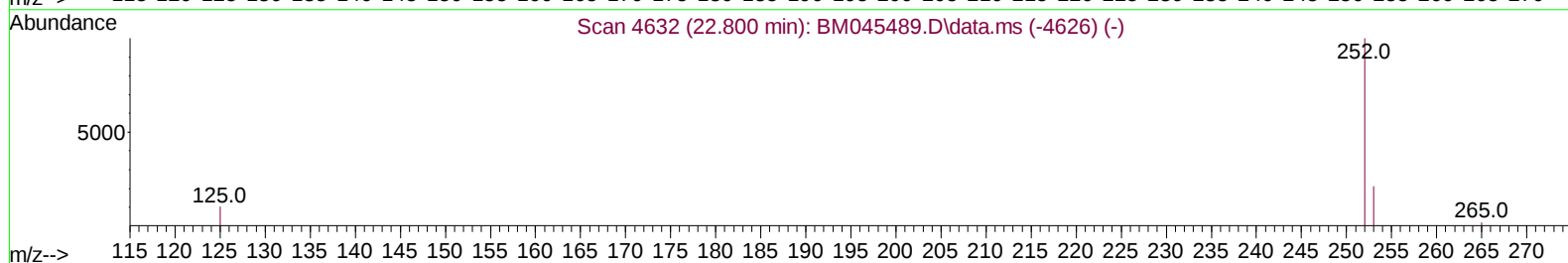
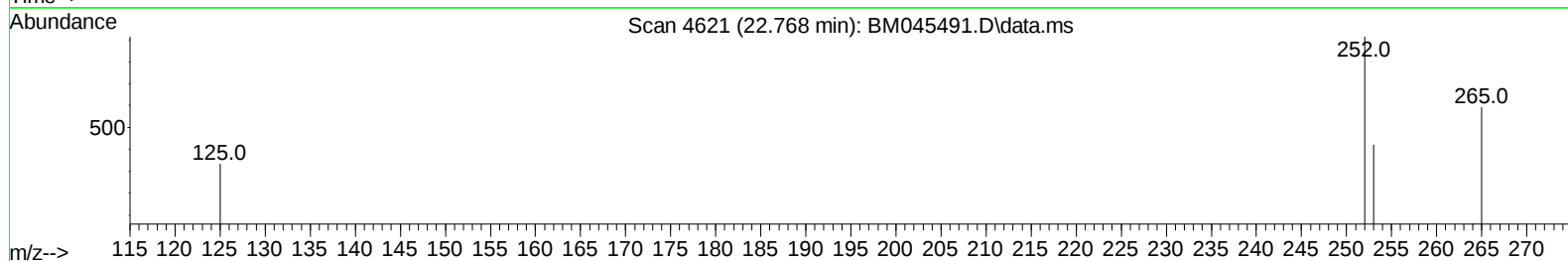
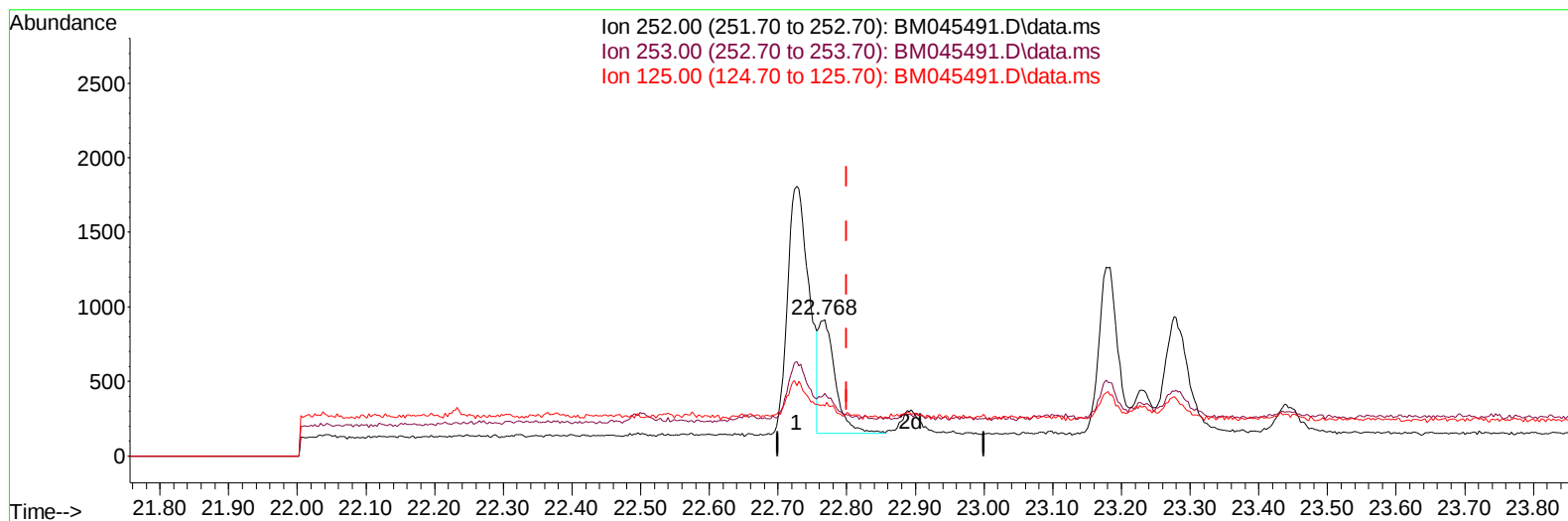
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045491.D
Acq On : 22 Apr 2024 22:25
Operator : MA/JU
Sample : P2037-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY0

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:31:05 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 : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045491.D\data.ms

(25) Benzo(k)fluoranthene

22.768min (-0.032) 0.14 ng/u1 m

response 1285

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	46.01#
125.00	18.50	36.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.563	152		814	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.325	136		2607	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.205	164		1624	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.971	188		3120m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.196	240		2163	0.400	ng/ul	-0.02
23) Perylene-d12	23.388	264		2211m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.167	96		2580	2.365	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152		657	0.191	ng/ul	-0.04
18) Fluoranthene-d10	19.015	212		1372	0.201	ng/ul	-0.03
Target Compounds							
							Qvalue
5) Naphthalene	10.374	128		568	0.081	ng/ul#	84
7) 2-Methylnaphthalene	12.008	142		167	0.042	ng/ul	98
12) Fluorene	15.274	166		178	0.028	ng/ul#	86
15) Phenanthrene	17.009	178		3029	0.333	ng/ul	96
16) Anthracene	17.106	178		539m	0.063	ng/ul	
19) Fluoranthene	19.043	202		4633	0.464	ng/ul	95
20) Pyrene	19.405	202		3714m	0.362	ng/ul	
21) Benzo(a)anthracene	21.187	228		1835	0.265	ng/ul	93
22) Chrysene	21.234	228		2449m	0.230	ng/ul	
24) Benzo(b)fluoranthene	22.727	252		3626m	0.488	ng/ul	
25) Benzo(k)fluoranthene	22.768	252		1285m	0.137	ng/ul	
26) Benzo(a)pyrene	23.277	252		1767	0.229	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.605	276		1912	0.171	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.618	278		553	0.062	ng/ul#	26
29) Benzo(g,h,i)perylene	26.266	276		1838	0.182	ng/ul	94

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

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