

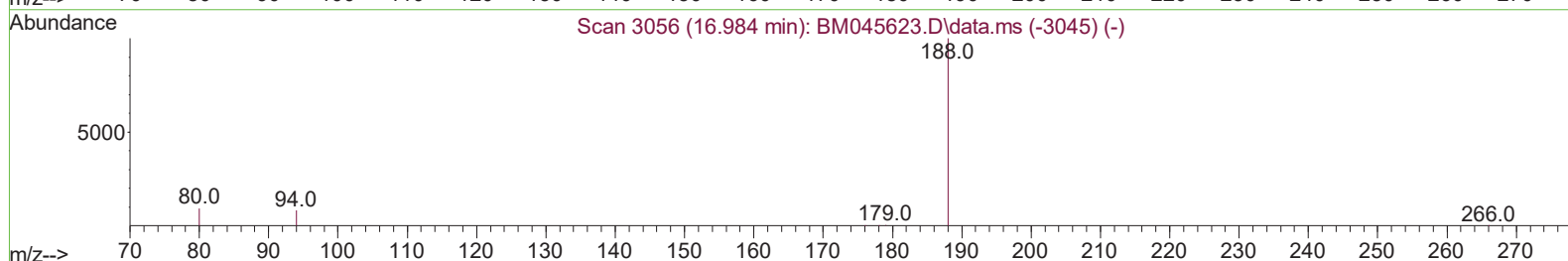
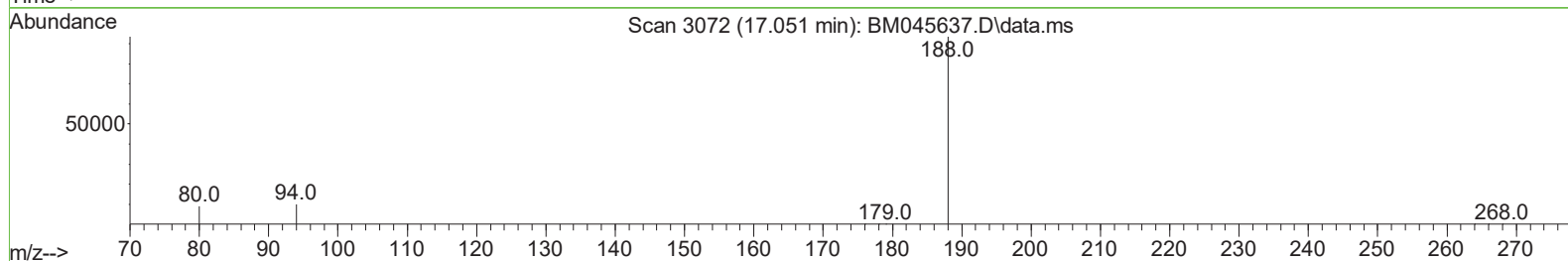
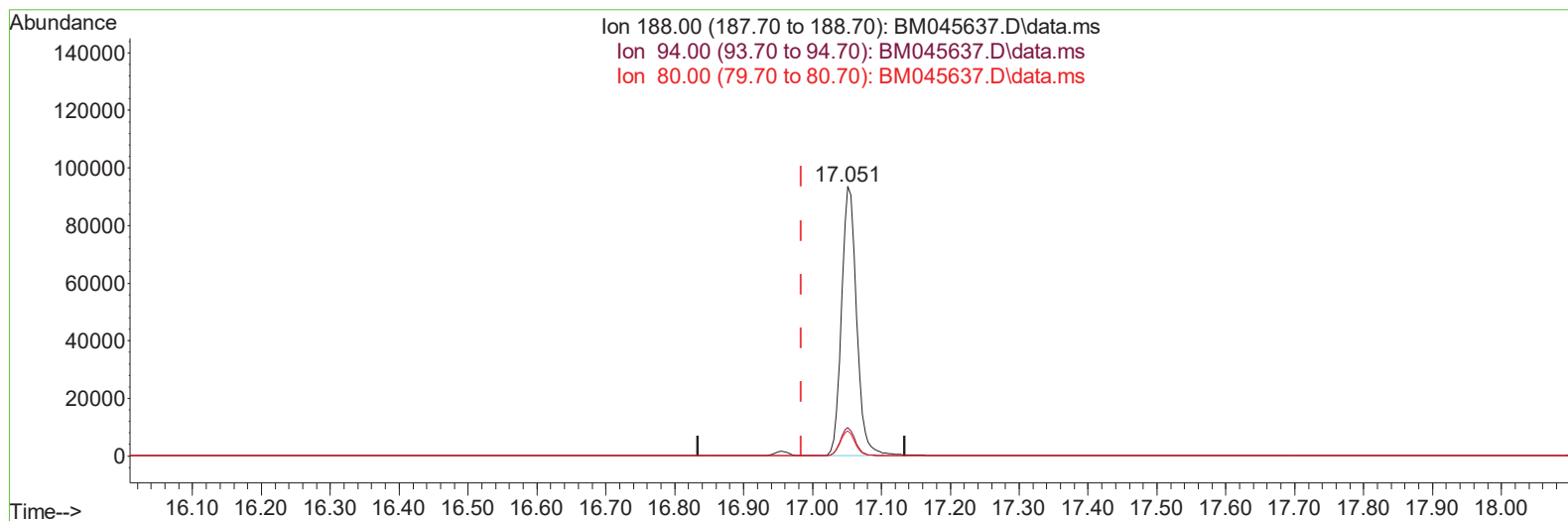
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual IntegrationsAPPROVED

Quant Time: Apr 30 04:21:54 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 30 01:16:44 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045637.D\data.ms

(13) Phenanthrene-d10 (I)

17.051min (+ 0.067) 0.40 ng/u1

response 141474

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.51#
80.00	14.80	9.39#
0.00	0.00	0.00

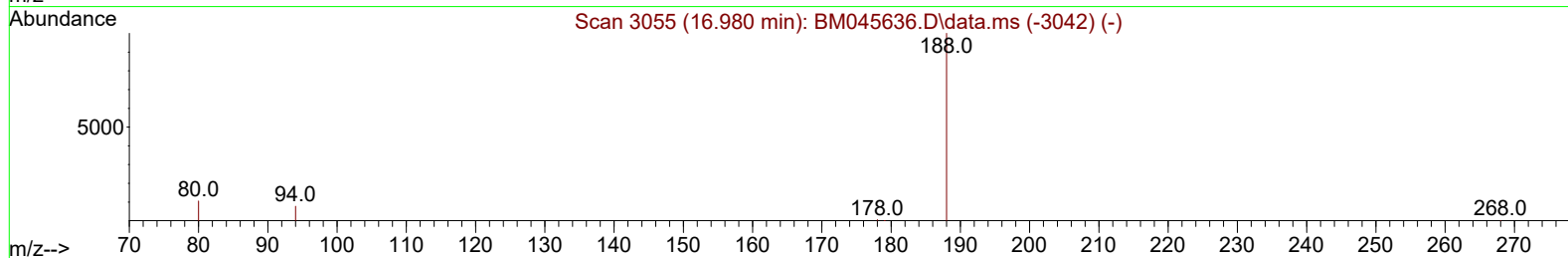
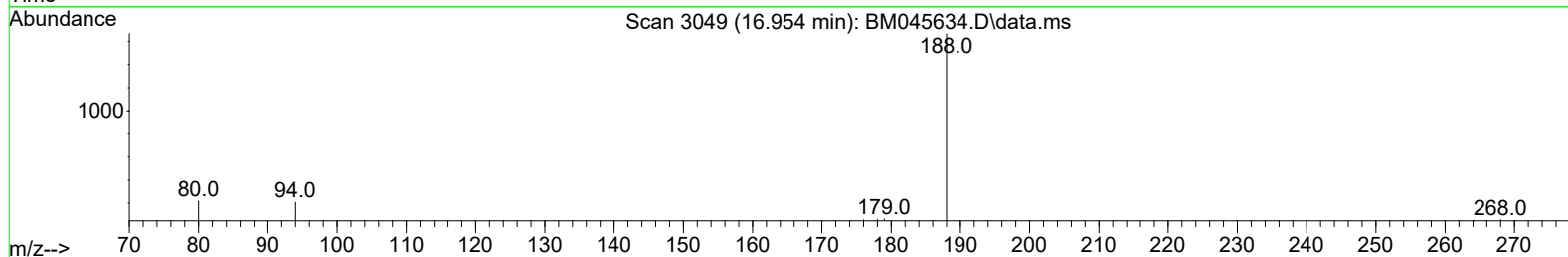
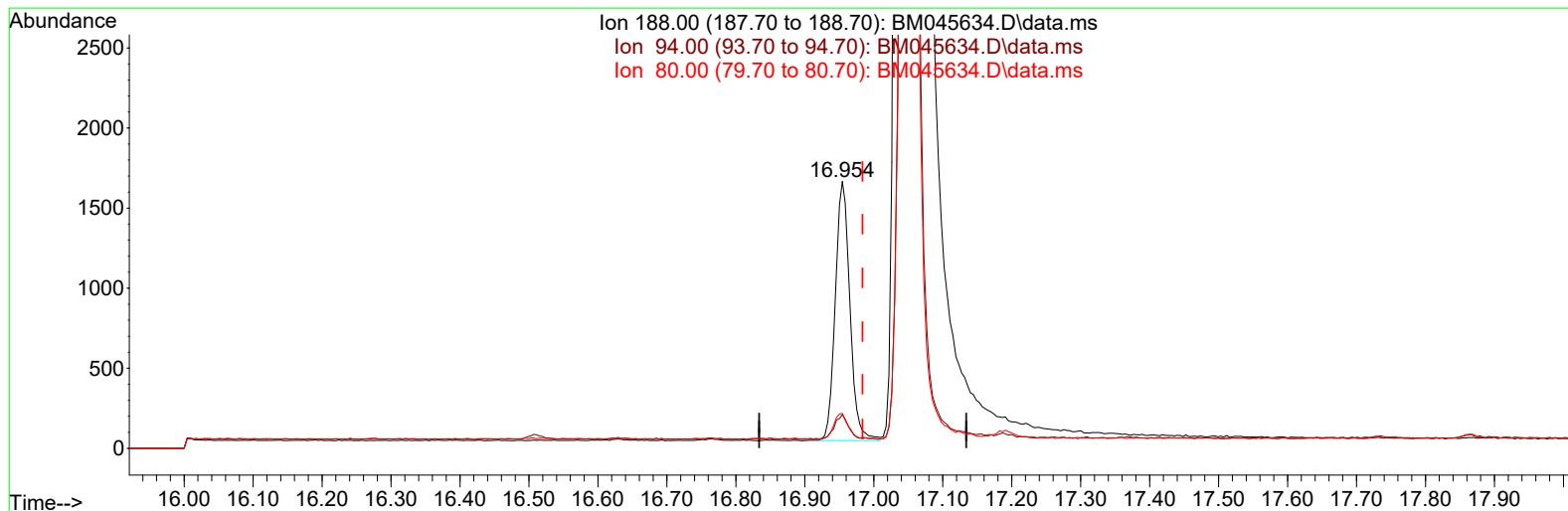
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045634.D\data.ms

(13) Phenanthrene-d10 (I)

16.954min (-0.030) 0.40 ng/ul m

response 2381

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.61
80.00	14.80	13.09
0.00	0.00	0.00

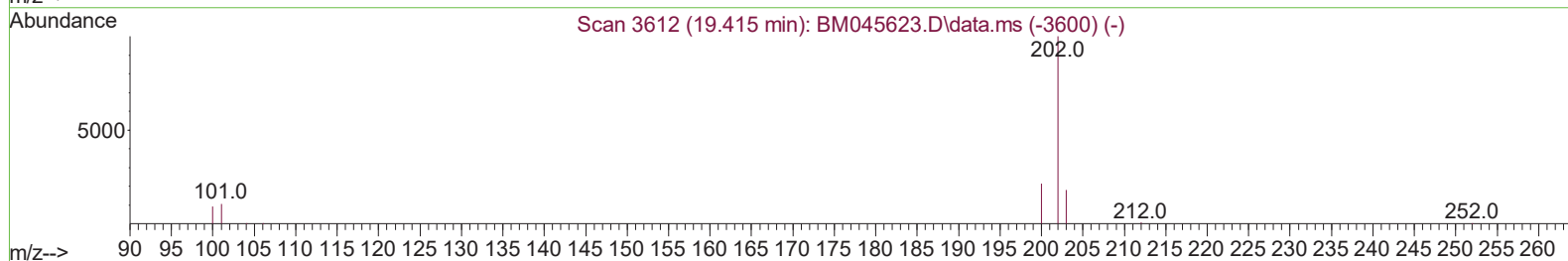
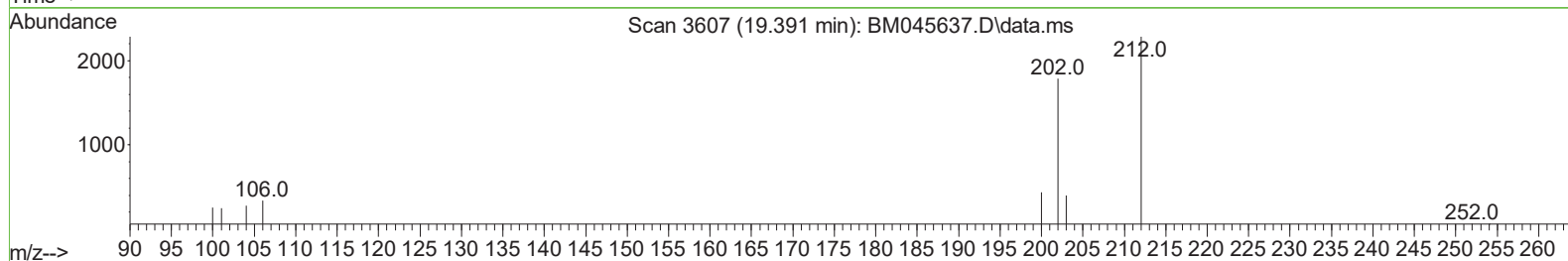
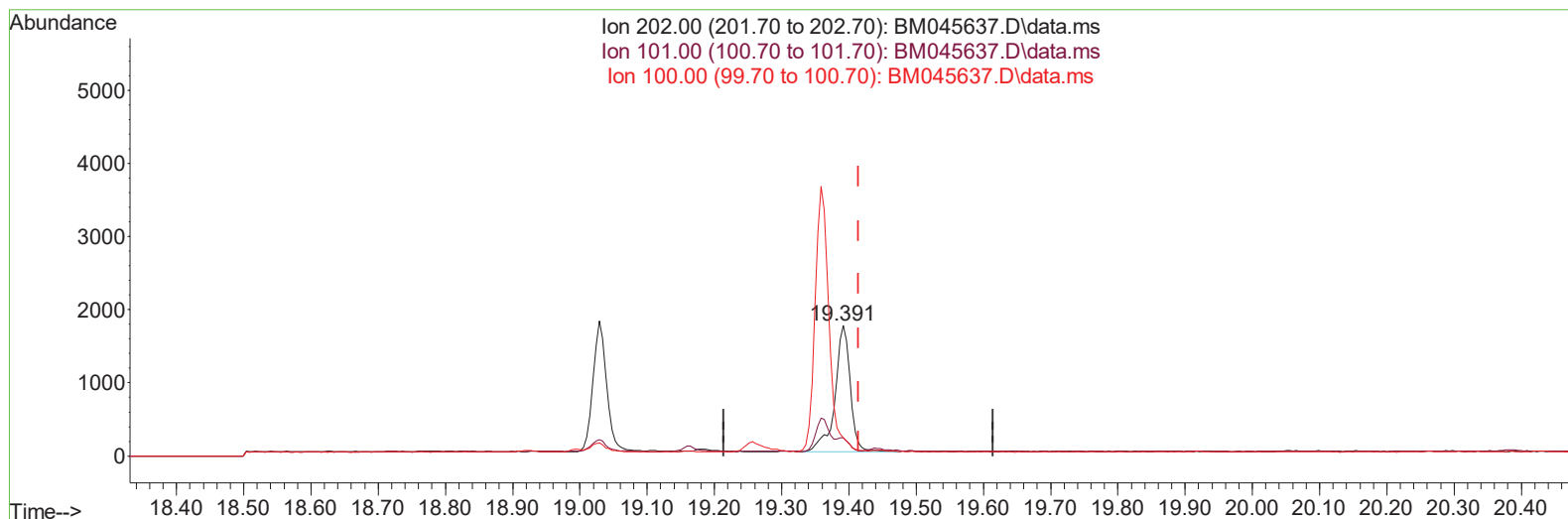
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045637.D\data.ms

(20) Pyrene

19.391min (-0.023) 0.29 ng/u1

response 2731

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.65
100.00	13.20	14.05
0.00	0.00	0.00

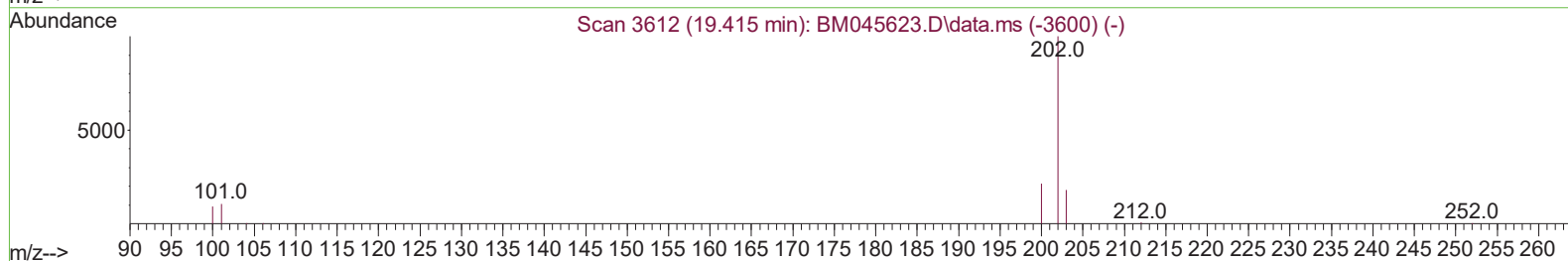
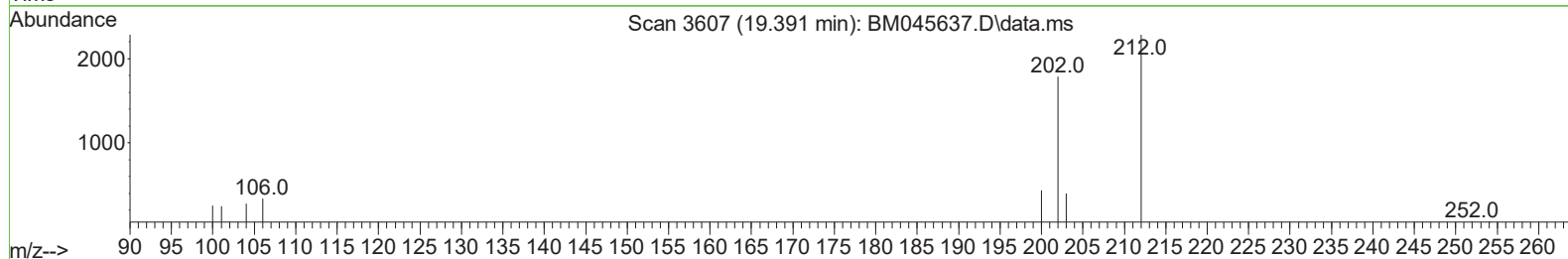
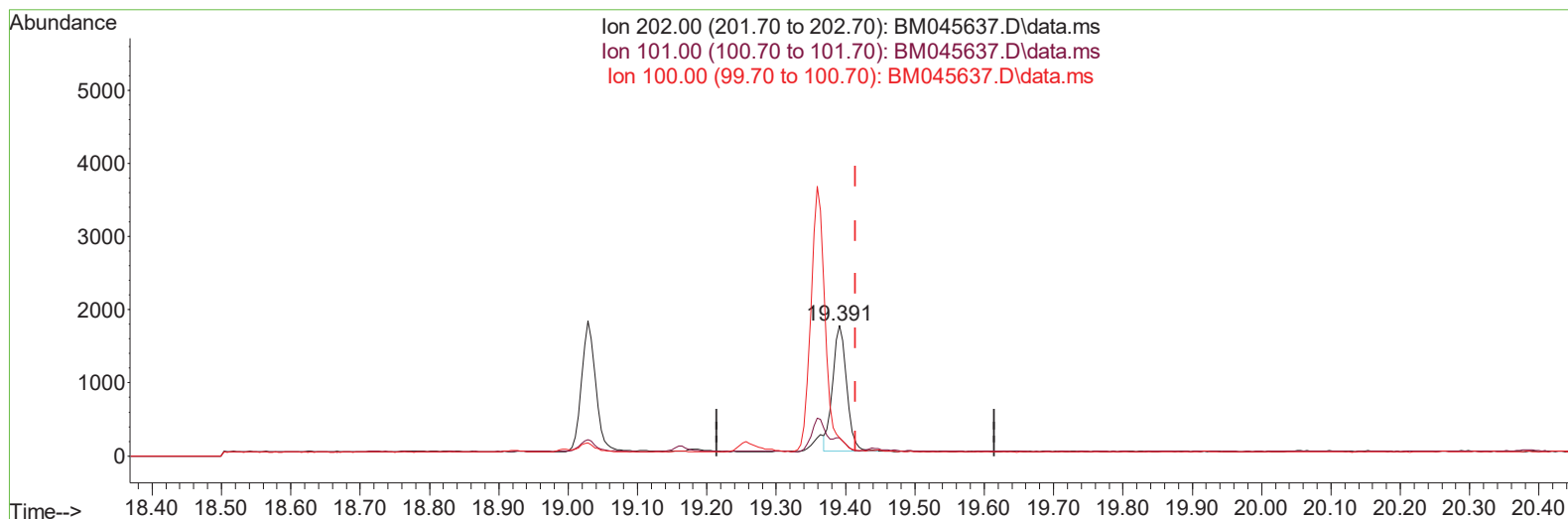
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045637.D\data.ms

(20) Pyrene

19.391min (-0.023) 0.26 ng/ul m

response 2439

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.65
100.00	13.20	14.05
0.00	0.00	0.00

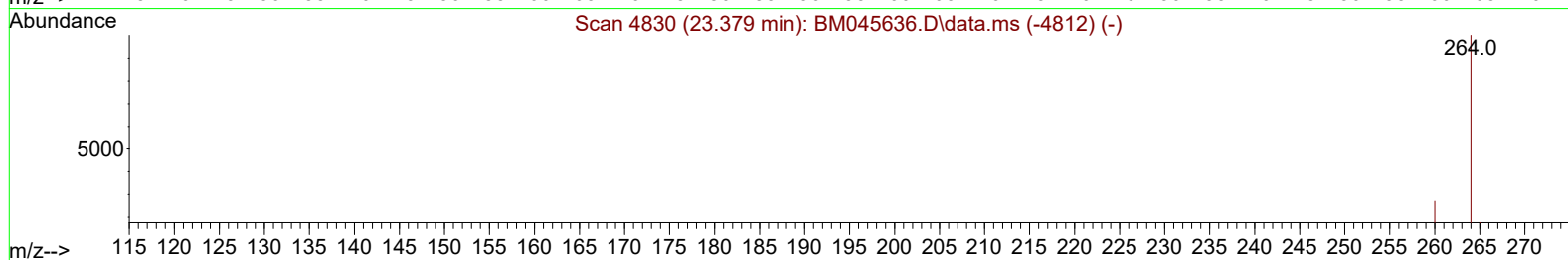
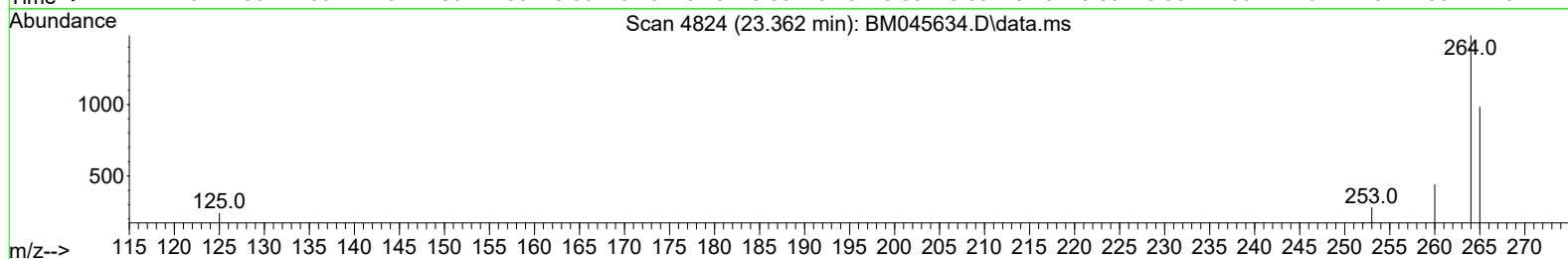
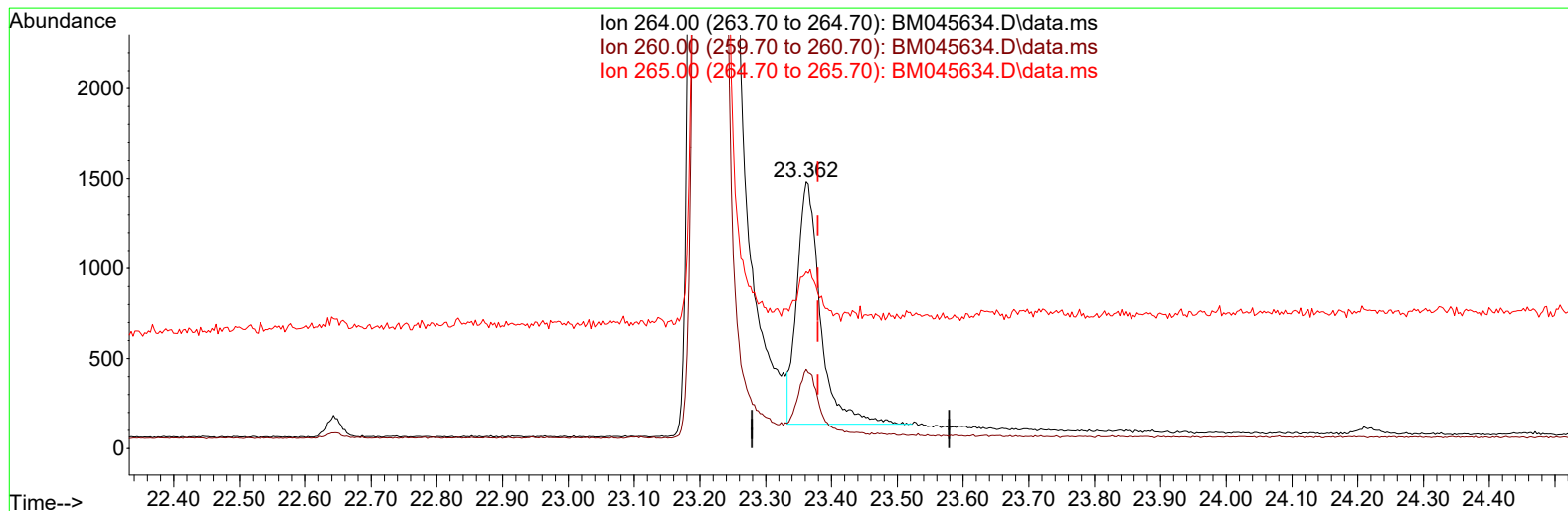
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 20:28:35 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 30 09:34:10 2024
Response via : Initial Calibration



TIC: BM045634.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.017) 0.40 ng/u1

response 3334

Ion	Exp%	Act%
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264.00	100.00	100.00
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260.00	30.50	29.74
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265.00	86.70	66.22#
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0.00	0.00	0.00
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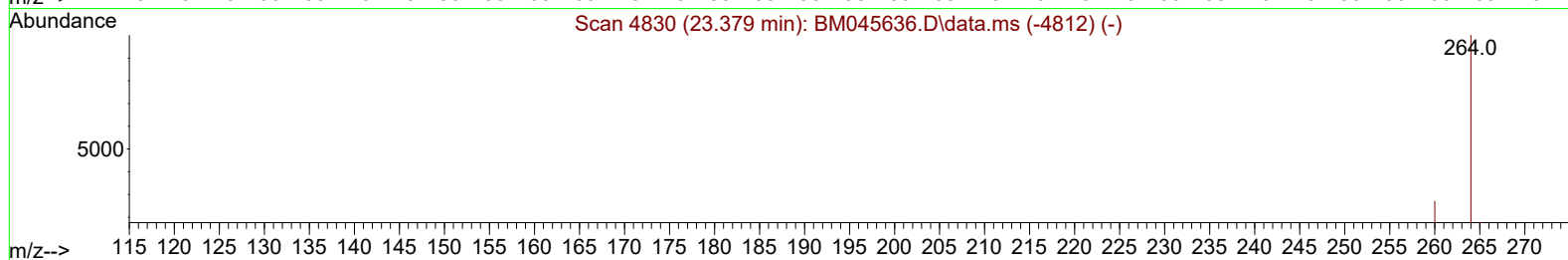
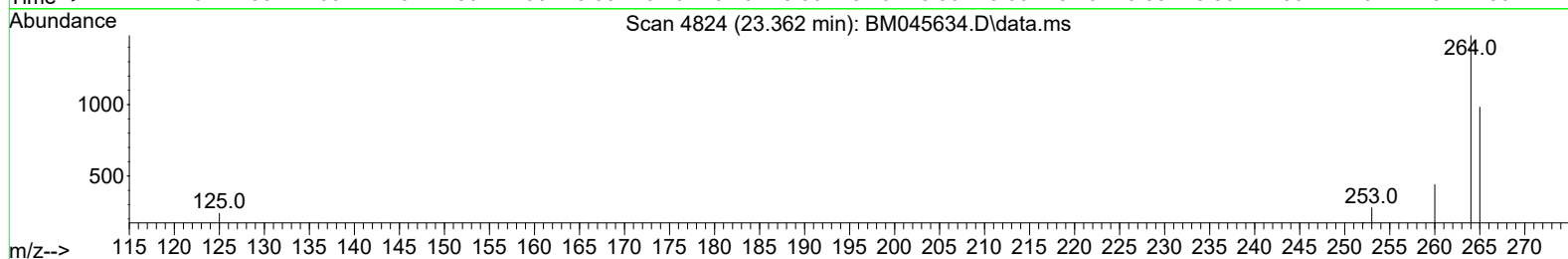
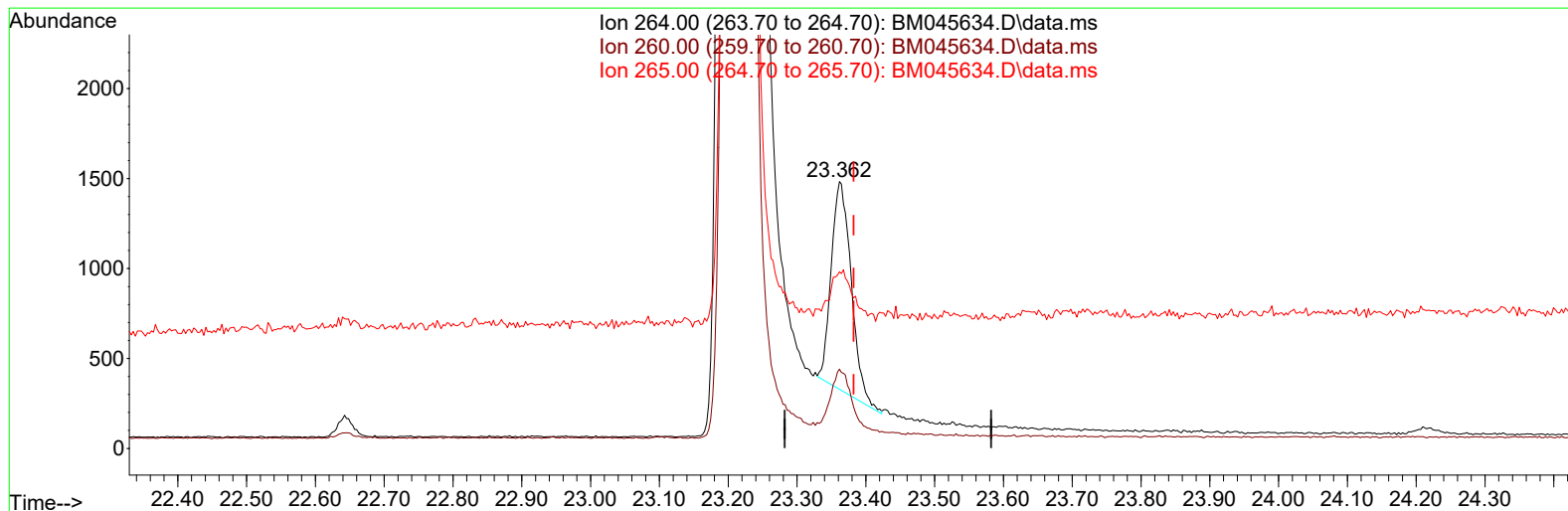
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
 Data File : BM045634.D
 Acq On : 30 Apr 2024 02:33
 Operator : MA/JU
 Sample : P2119-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

Manual IntegrationsAPPROVED

Quant Time: Apr 30 04:21:54 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 30 01:16:44 2024
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Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024



TIC: BM045634.D\data.ms

(23) Perylene-d12 (I)

23.362min (-0.021) 0.40 ng/ul m

response 2313

Ion Exp% Act%

264.00 100.00 100.00

260.00 30.50 29.74

265.00 86.70 66.22#

0.00 0.00 0.00

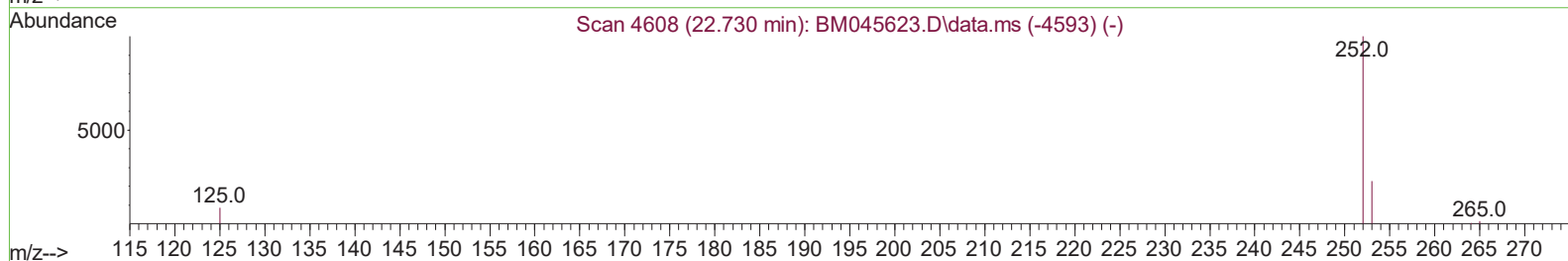
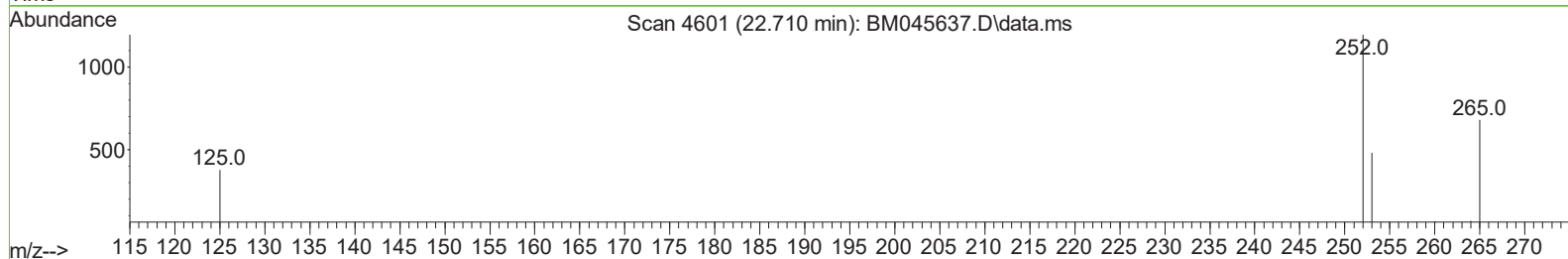
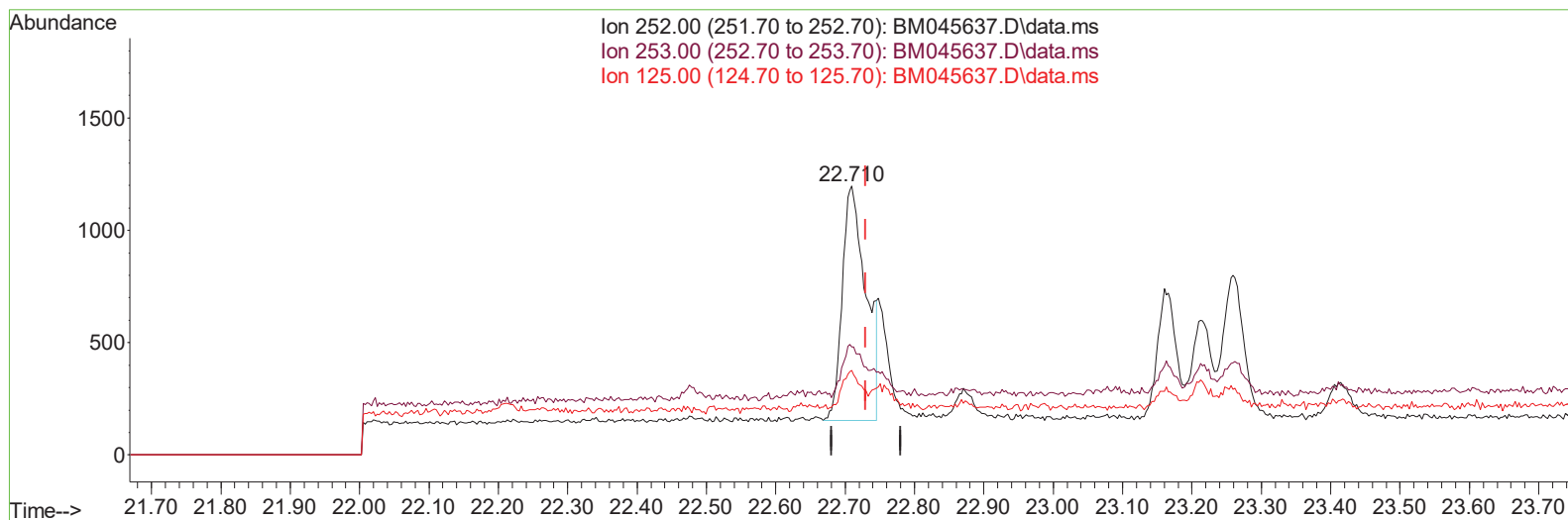
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

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TIC: BM045637.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.021) 0.32 ng/u1

response 2466

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.27
125.00	18.40	31.58
0.00	0.00	0.00

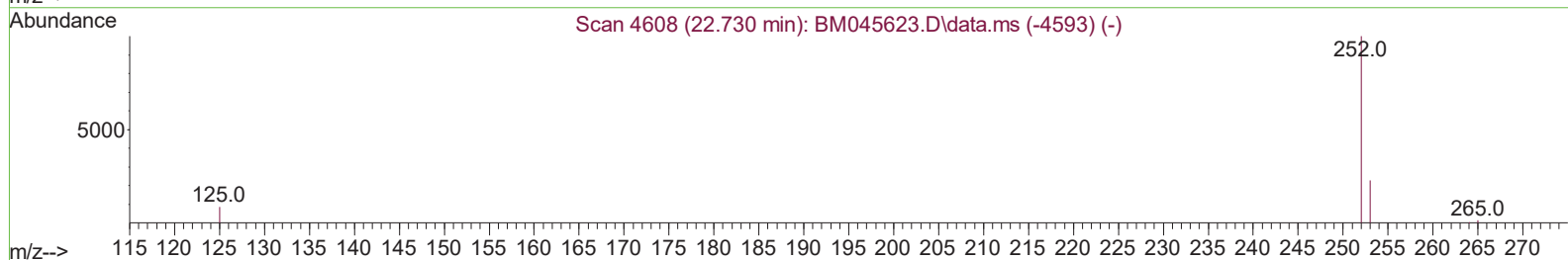
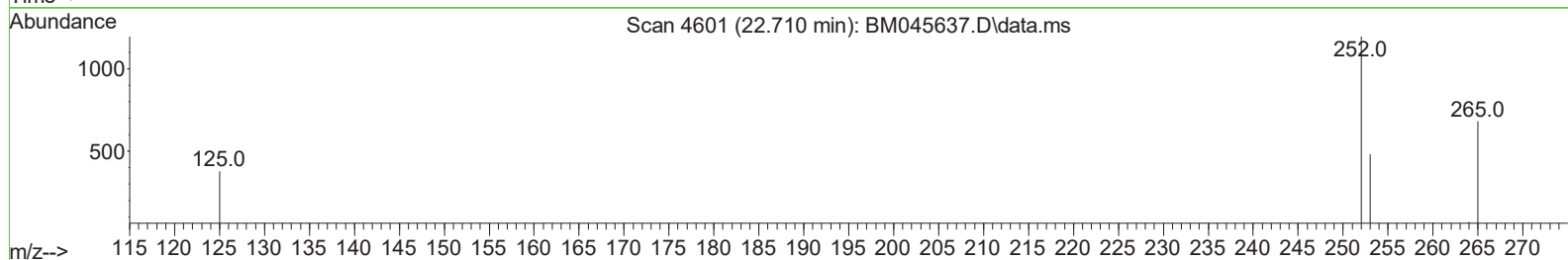
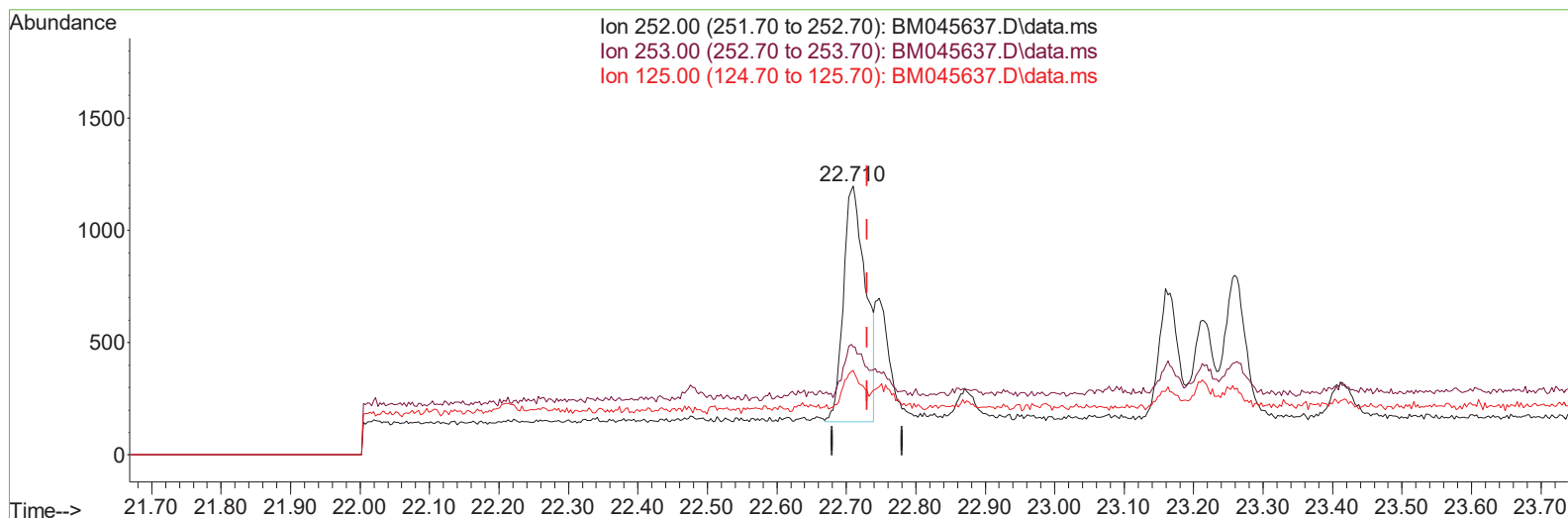
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual IntegrationsAPPROVED

Quant Time: Apr 30 04:21:54 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 30 01:16:44 2024
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Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024



TIC: BM045637.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.021) 0.30 ng/ul m

response 2300

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.27
125.00	18.40	31.58
0.00	0.00	0.00

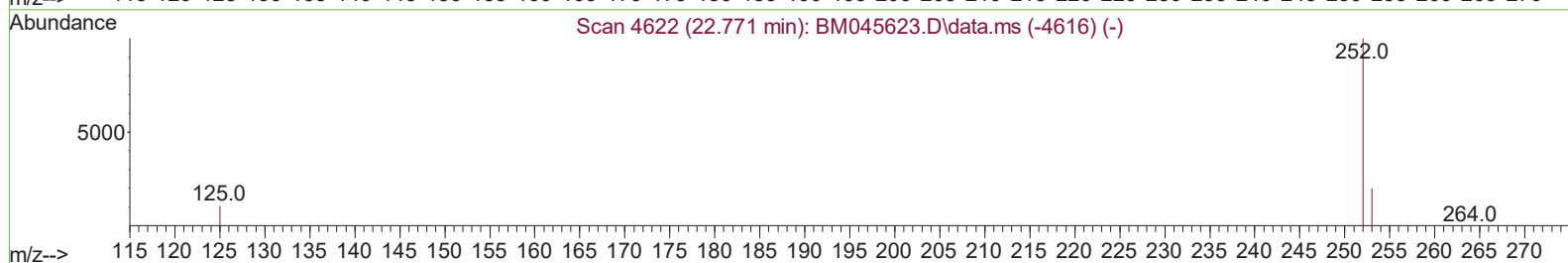
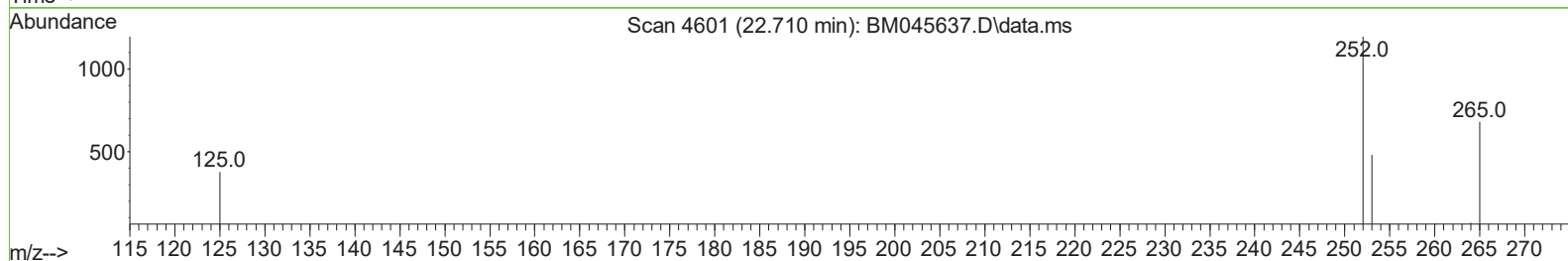
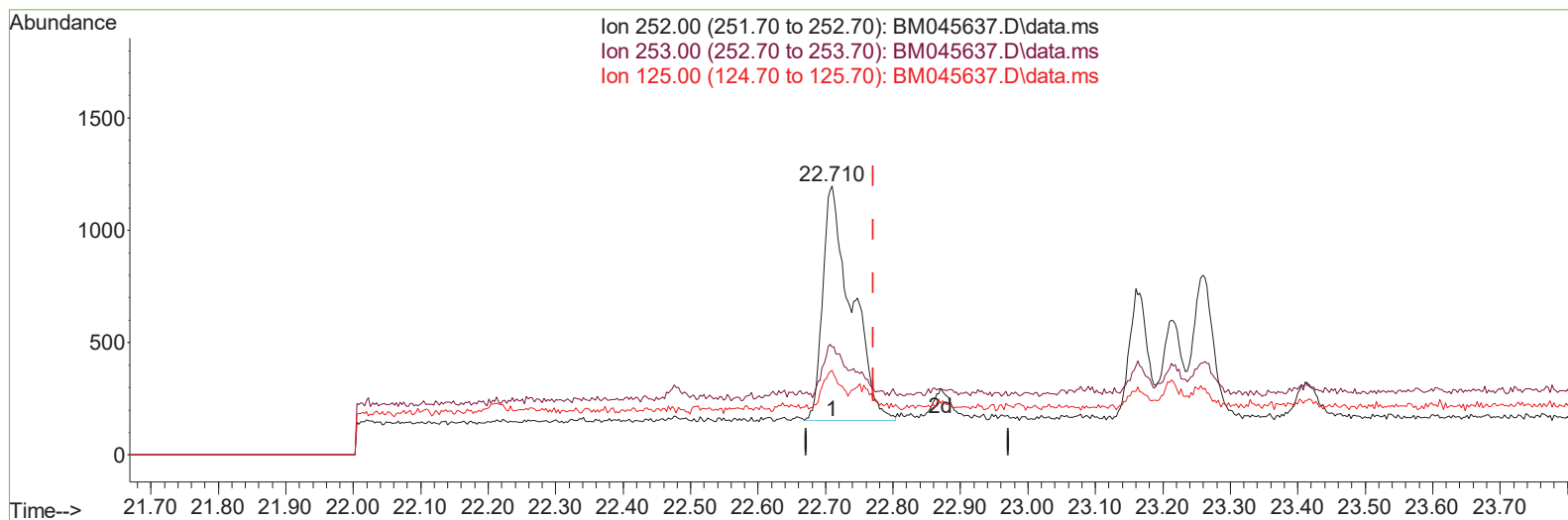
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/02/2024
Supervised By :mohammad ahmed 05/02/2024

Quant Time: Apr 30 04:21:54 2024
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TIC: BM045637.D\data.ms

(25) Benzo(k)fluoranthene

22.710min (-0.062) 0.31 ng/uI

response 3084

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	40.27#
125.00	18.50	31.58#
0.00	0.00	0.00

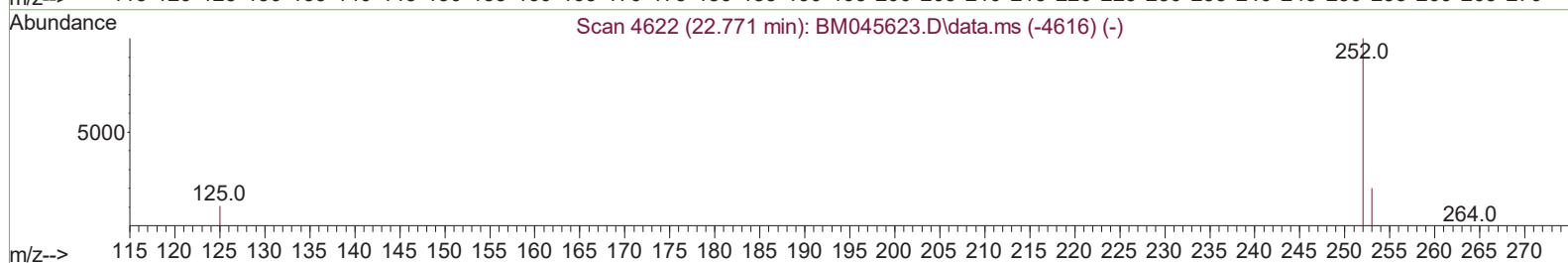
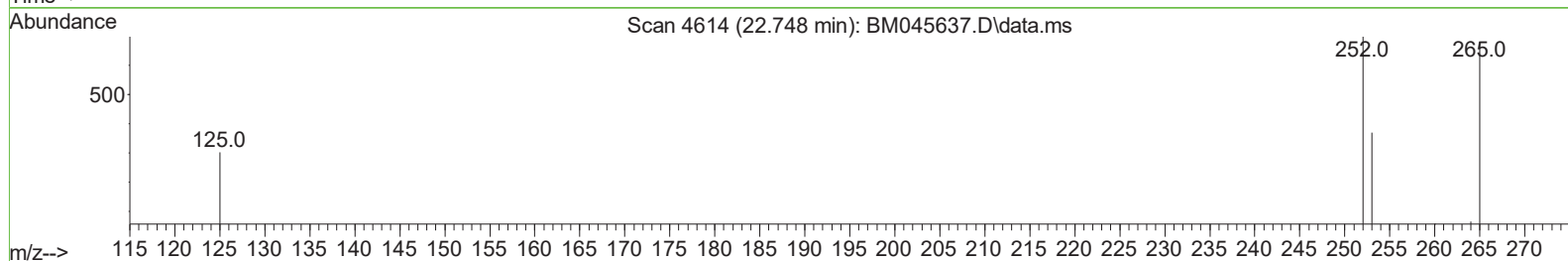
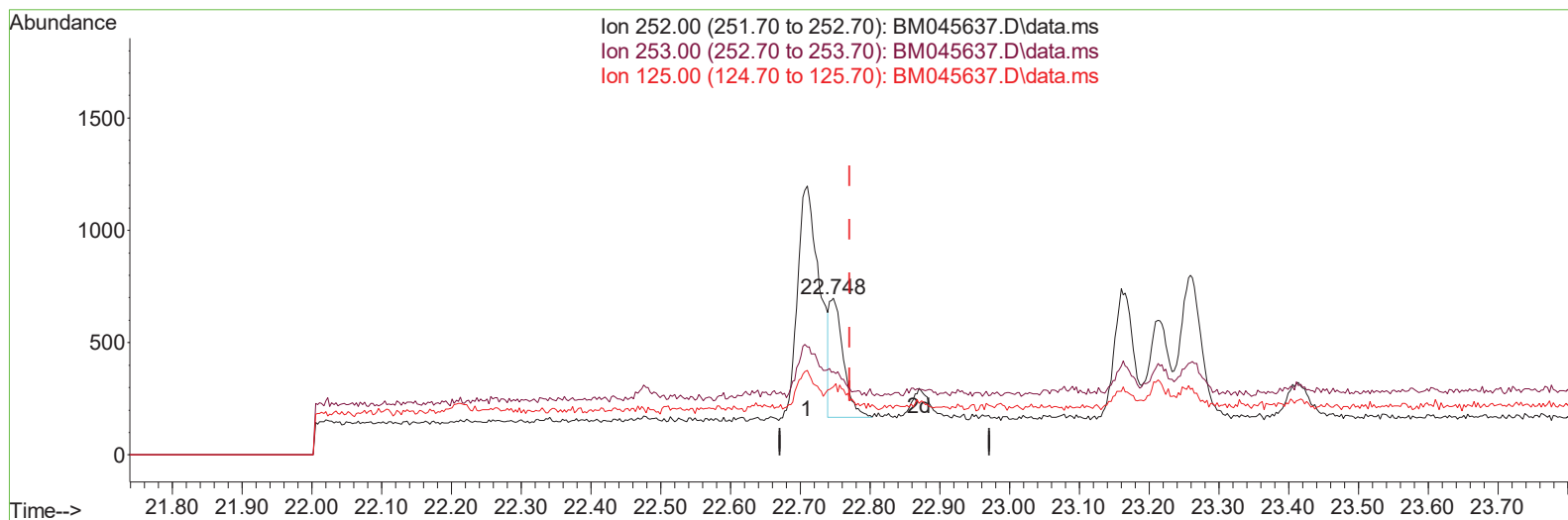
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
Data File : BM045634.D
Acq On : 30 Apr 2024 02:33
Operator : MA/JU
Sample : P2119-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF2

Manual IntegrationsAPPROVED

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TIC: BM045637.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.024) 0.08 ng/ul m

response 751

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	53.08#
125.00	18.50	43.47#
0.00	0.00	0.00

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 Acq On : 30 Apr 2024 02:33
 Operator : MA/JU
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.538	152		964	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.303	136		2652	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164		1302	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.954	188		2381m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.181	240		1953	0.400	ng/ul	-0.01
23) Perylene-d12	23.362	264		2313m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.158	96		3759	2.909	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152		846	0.242	ng/ul	-0.02
18) Fluoranthene-d10	18.996	212		1790	0.291	ng/ul	-0.02
Target Compounds							
						Qvalue	
5) Naphthalene	10.352	128		421	0.059	ng/ul#	76
7) 2-Methylnaphthalene	11.991	142		234	0.058	ng/ul	93
8) 1-Methylnaphthalene	12.211	142		185	0.041	ng/ul	90
15) Phenanthrene	16.992	178		912	0.132	ng/ul	93
19) Fluoranthene	19.029	202		2543	0.282	ng/ul	96
20) Pyrene	19.391	202		2439m	0.263	ng/ul	
21) Benzo(a)anthracene	21.173	228		1303	0.209	ng/ul	97
22) Chrysene	21.216	228		1931	0.201	ng/ul	95
24) Benzo(b)fluoranthene	22.710	252		2300m	0.296	ng/ul	
25) Benzo(k)fluoranthene	22.748	252		751m	0.076	ng/ul	
26) Benzo(a)pyrene	23.259	252		1300	0.161	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.571	276		1110	0.095	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.575	278		283	0.030	ng/ul#	1
29) Benzo(g,h,i)perylene	26.232	276		999	0.095	ng/ul#	65

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042924\
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