

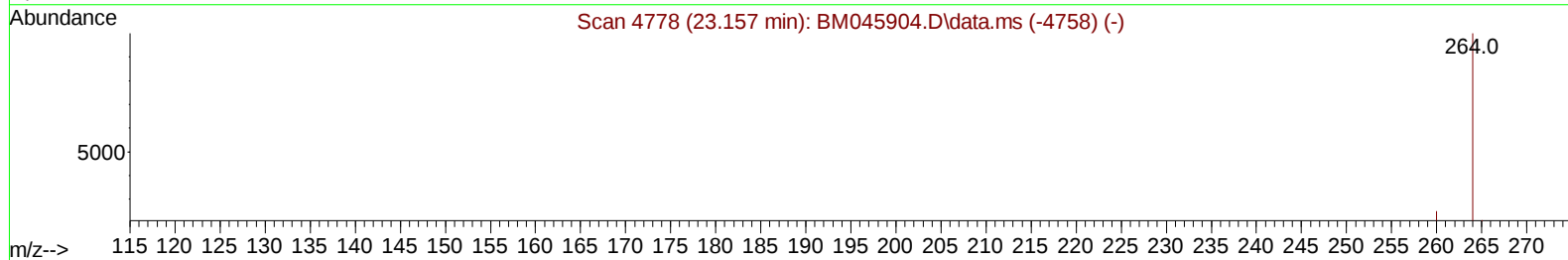
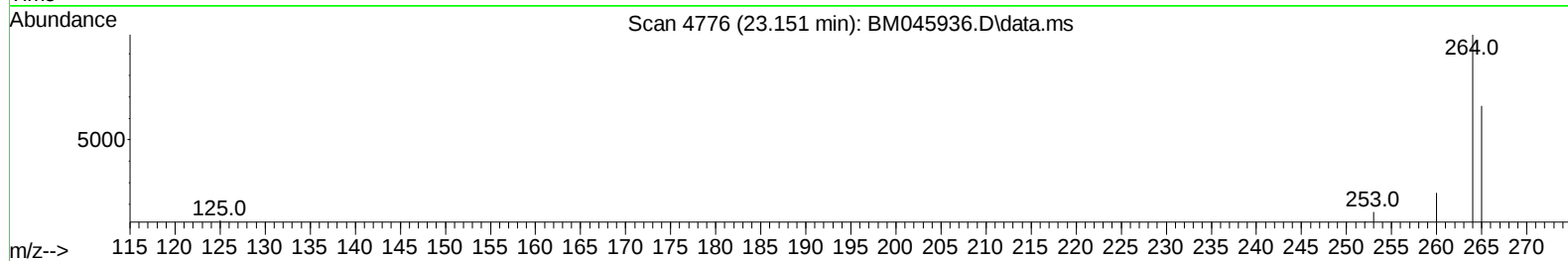
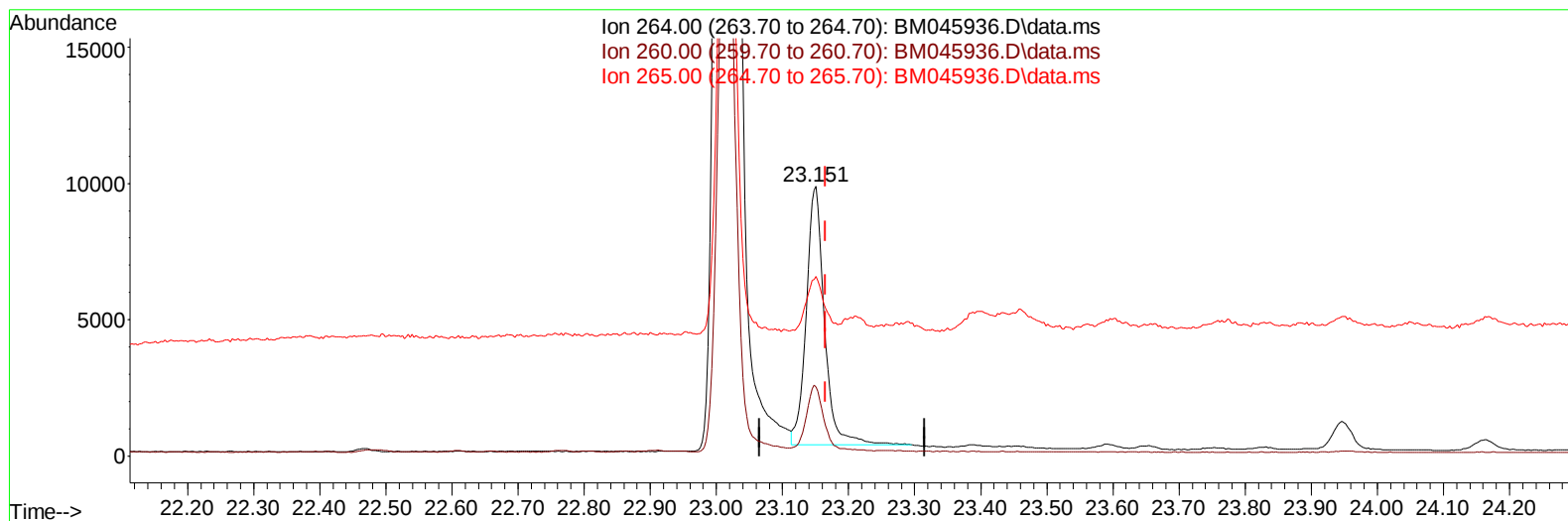
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045936.D\data.ms

(23) Perylene-d12 (I)

23.151min (-0.015) 0.40 ng/u1

response 18073

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.61
265.00	76.60	66.66
0.00	0.00	0.00

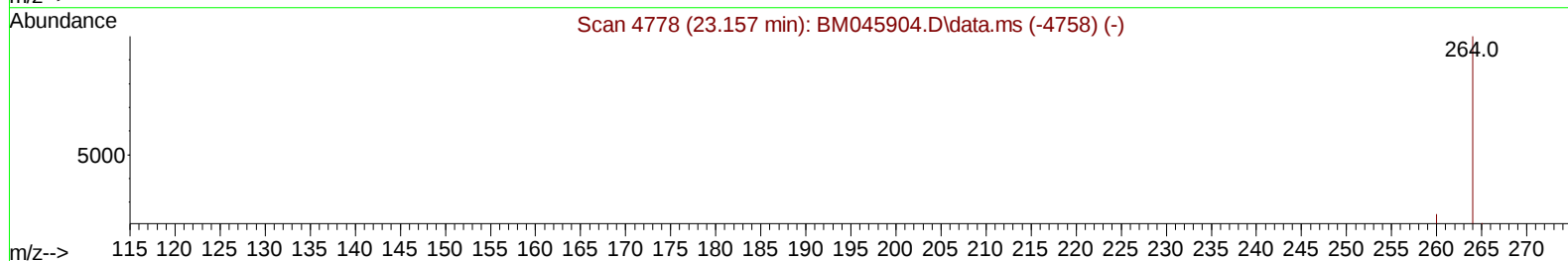
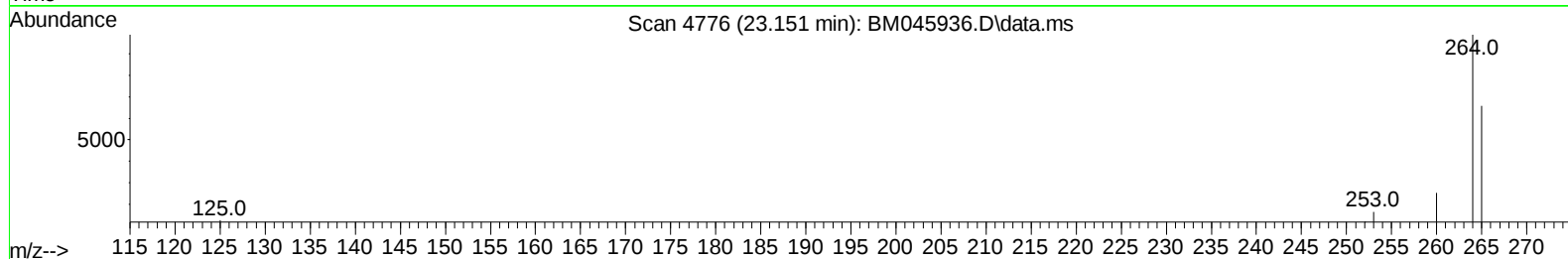
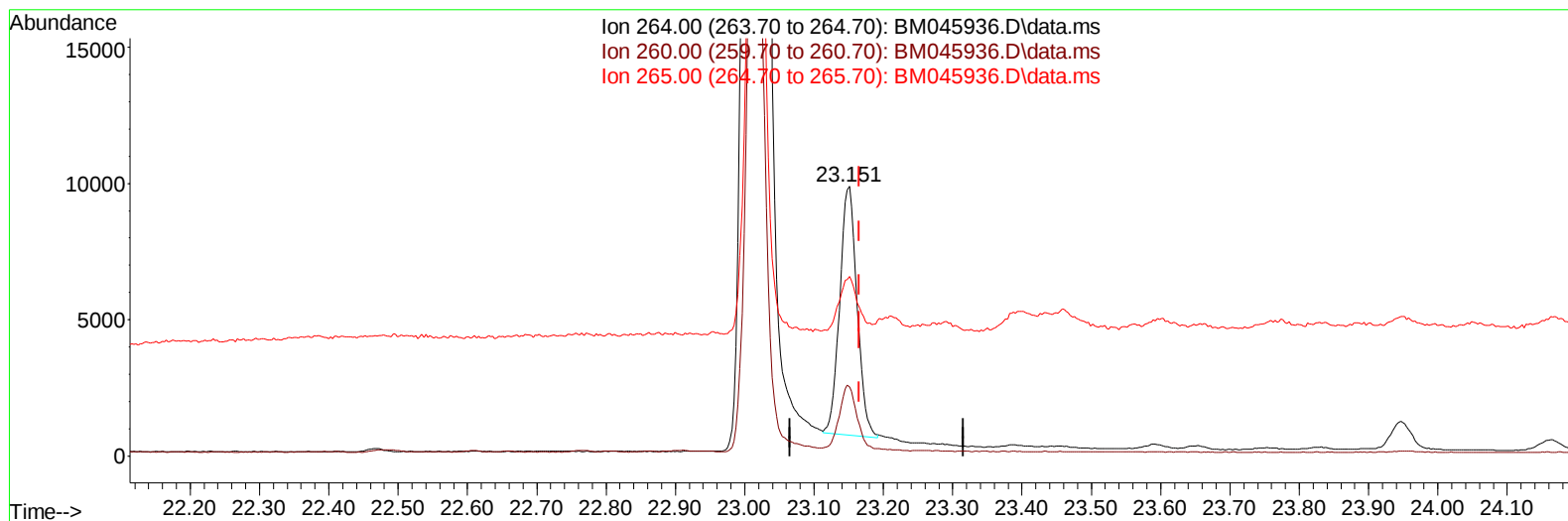
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
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Operator : MA/JU
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Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

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TIC: BM045936.D\data.ms

(23) Perylene-d12 (I)

23.151min (-0.015) 0.40 ng/ul m

response 15751

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.61
265.00	76.60	66.66
0.00	0.00	0.00

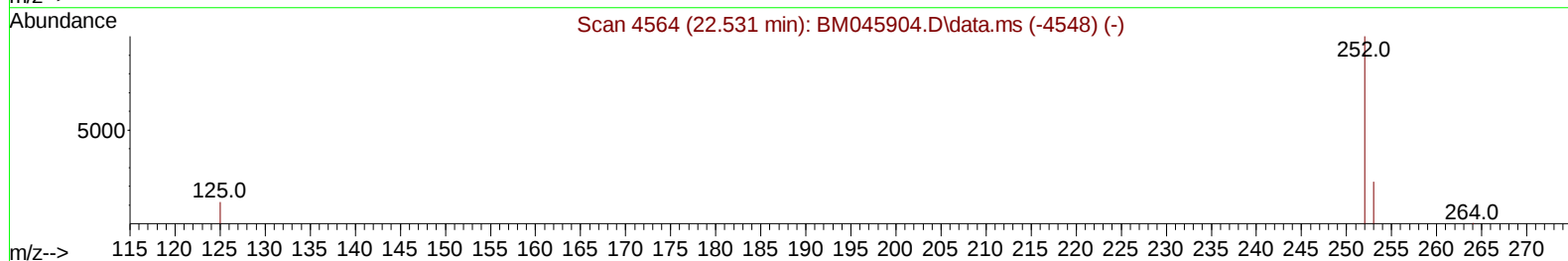
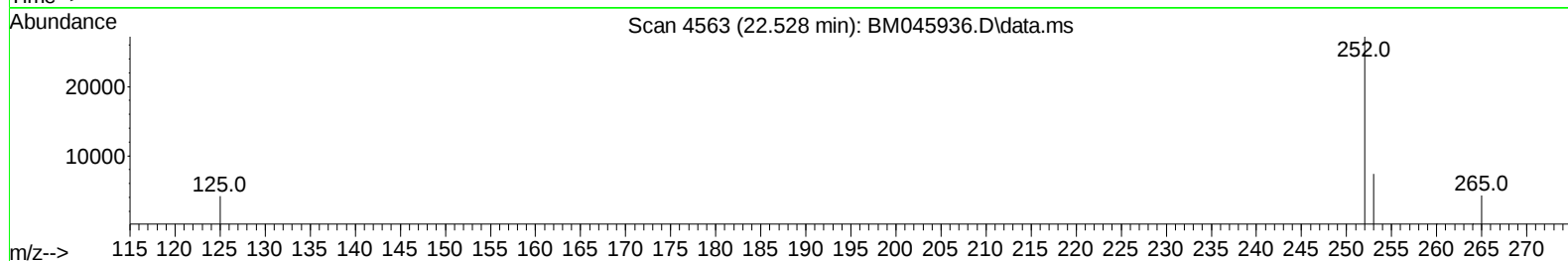
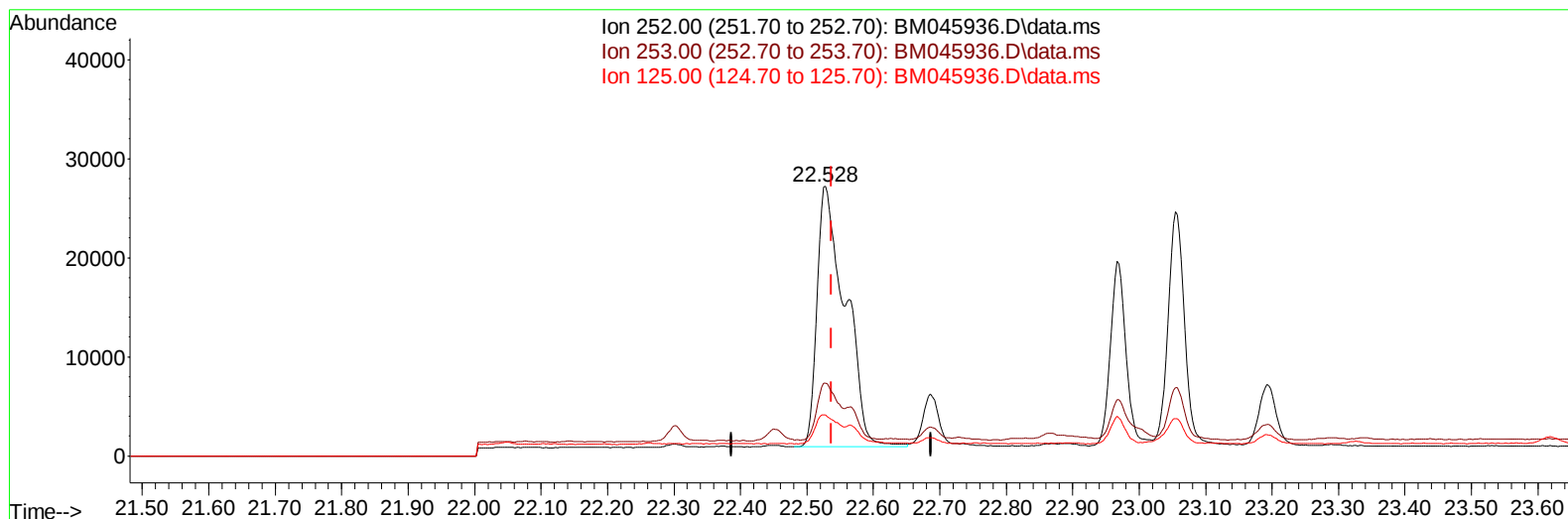
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

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TIC: BM045936.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 1.49 ng/u1

response 77996

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	27.09
125.00	17.90	15.26
0.00	0.00	0.00

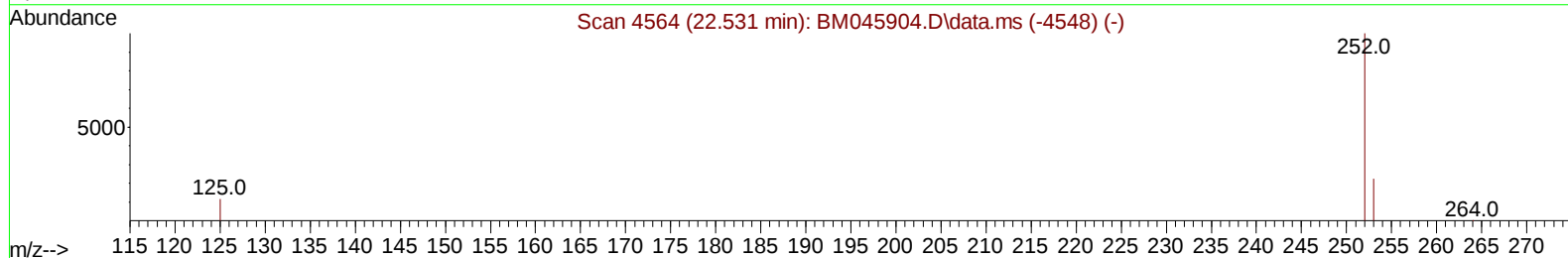
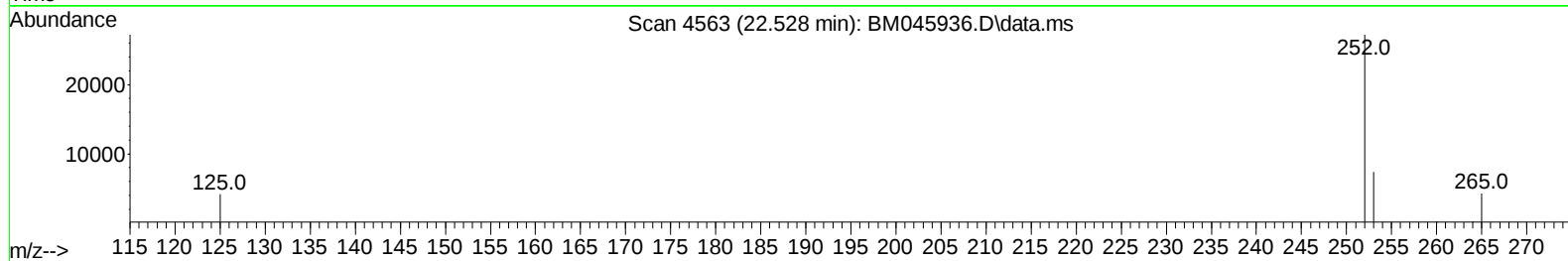
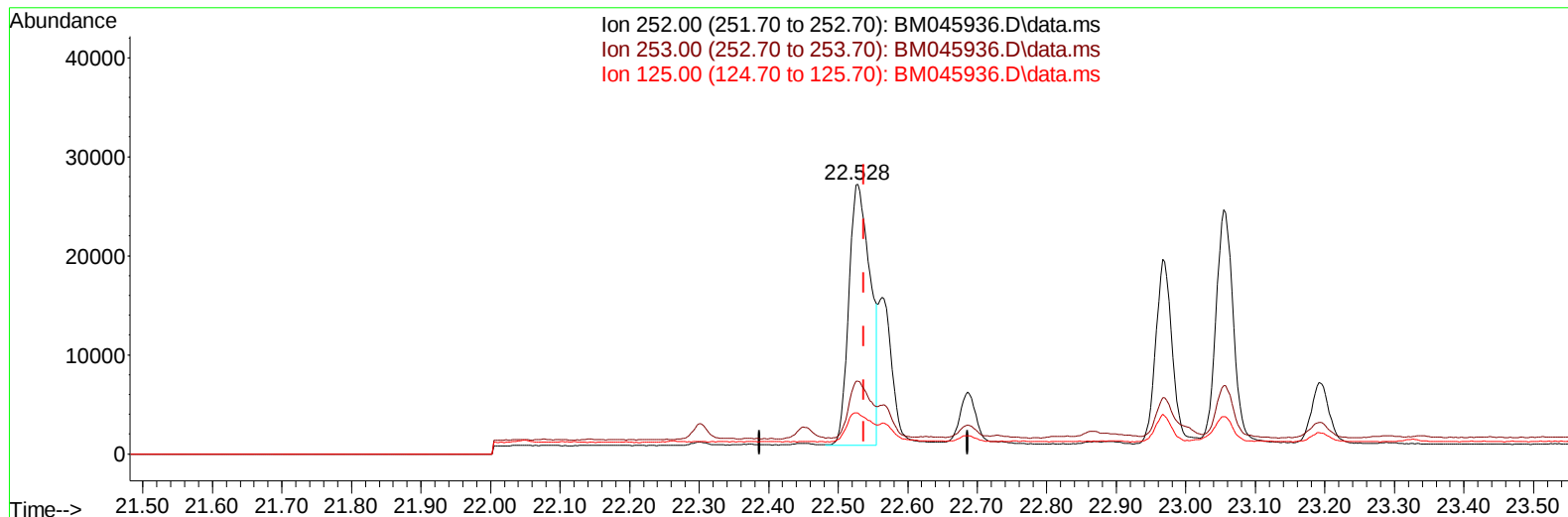
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045936.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 1.08 ng/u1 m

response 56356

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	27.09
125.00	17.90	15.26
0.00	0.00	0.00

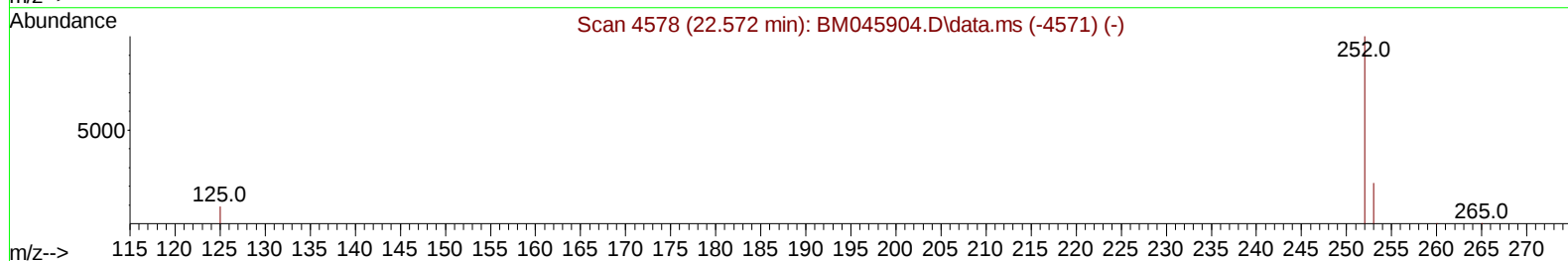
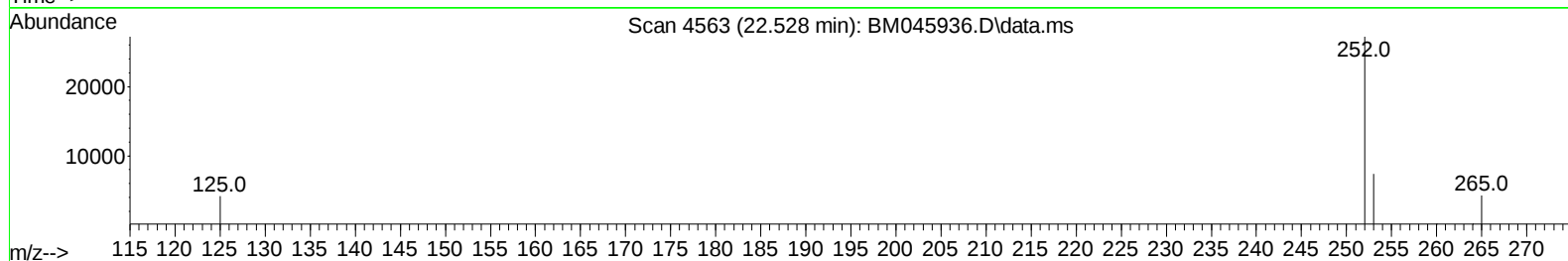
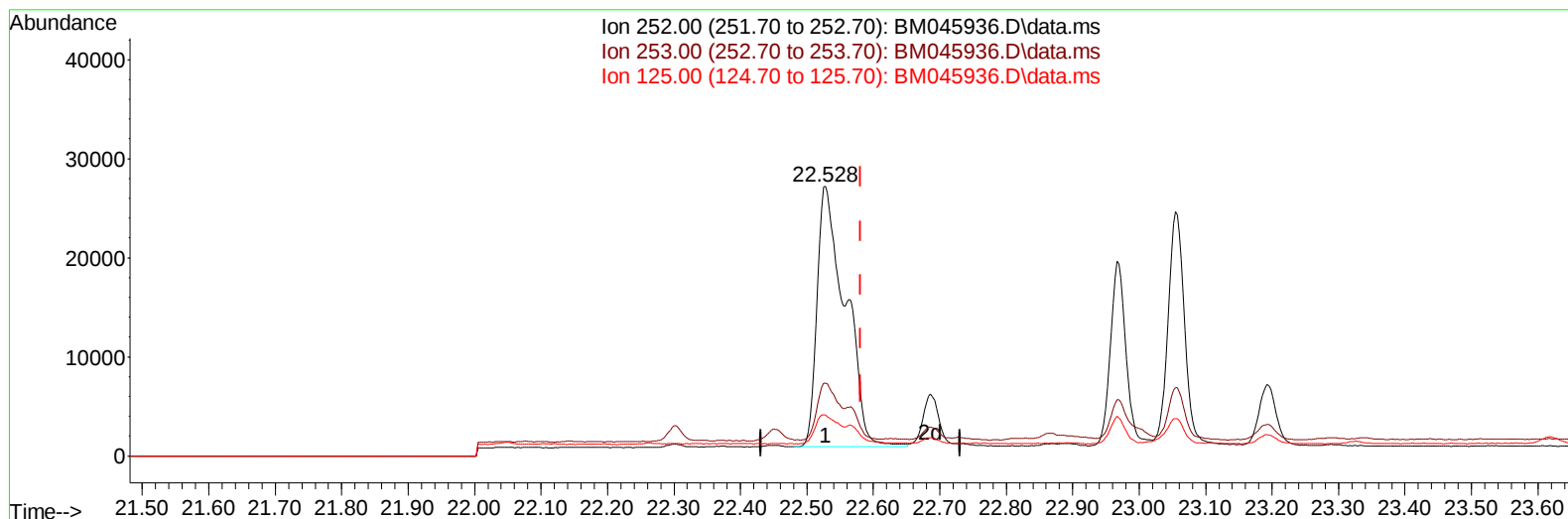
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:31:46 2024
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TIC: BM045936.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.053) 1.36 ng/u1

response 77996

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	27.09
125.00	17.70	15.26
0.00	0.00	0.00

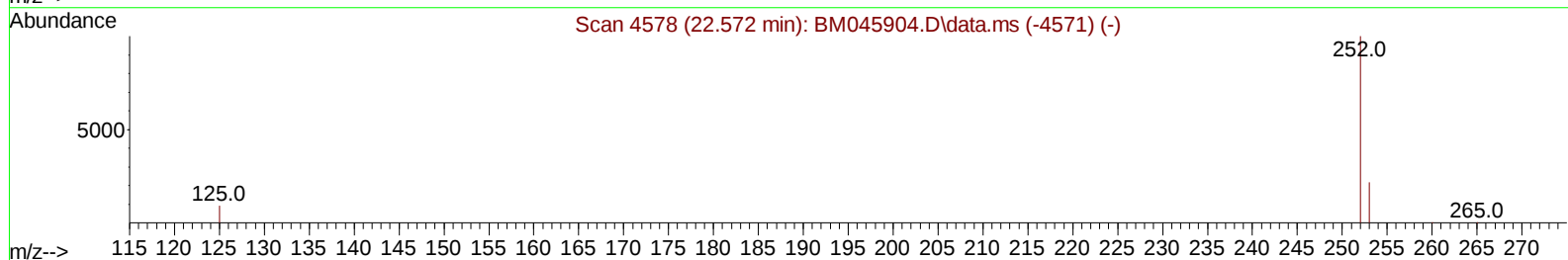
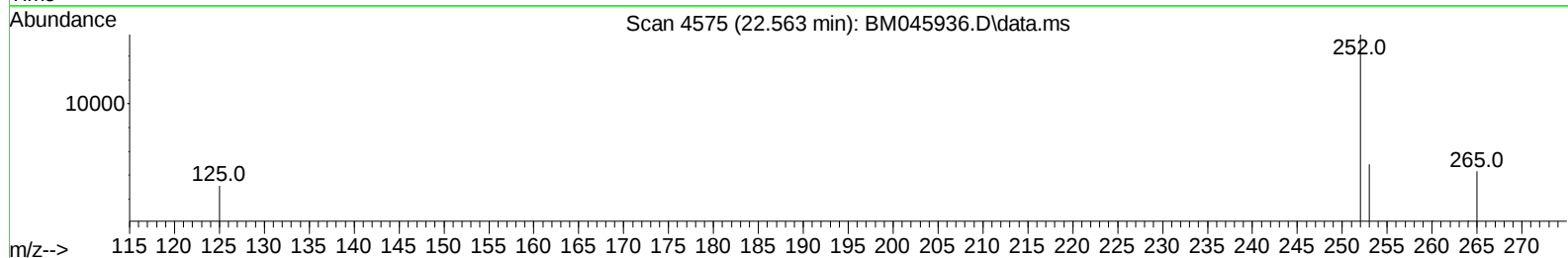
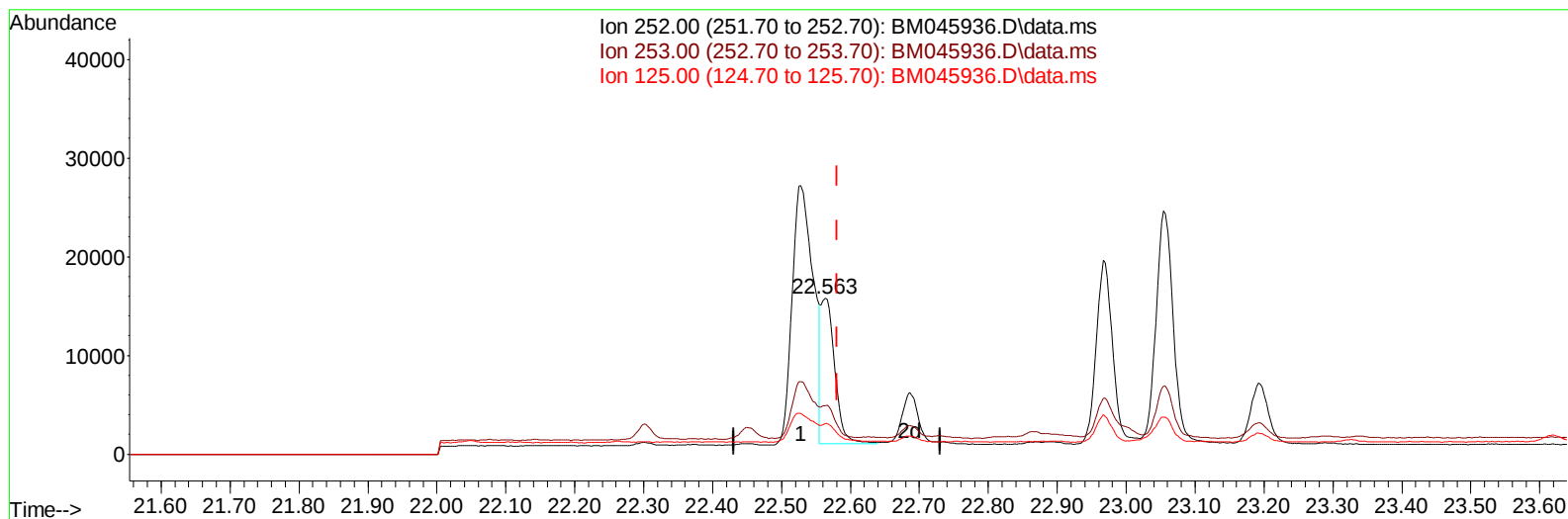
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045936.D
Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
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Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045936.D\data.ms

(25) Benzo(k)fluoranthene

22.563min (-0.018) 0.36 ng/u1 m

response 20749

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	31.24
125.00	17.70	19.71
0.00	0.00	0.00

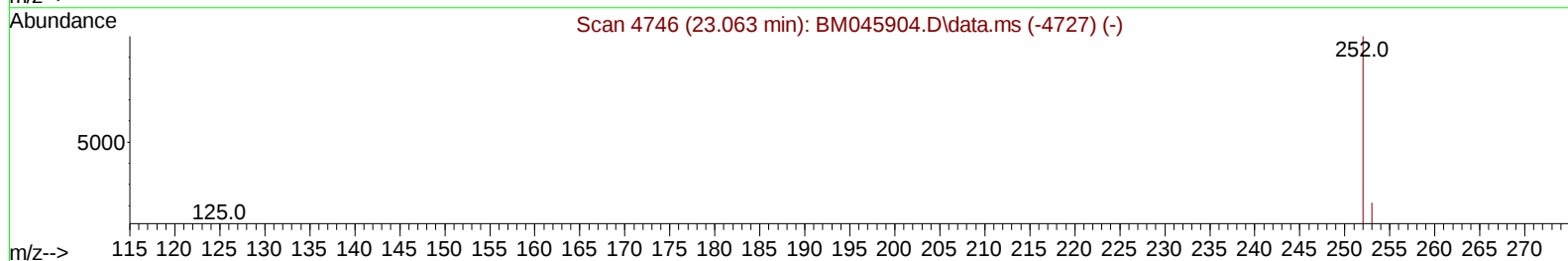
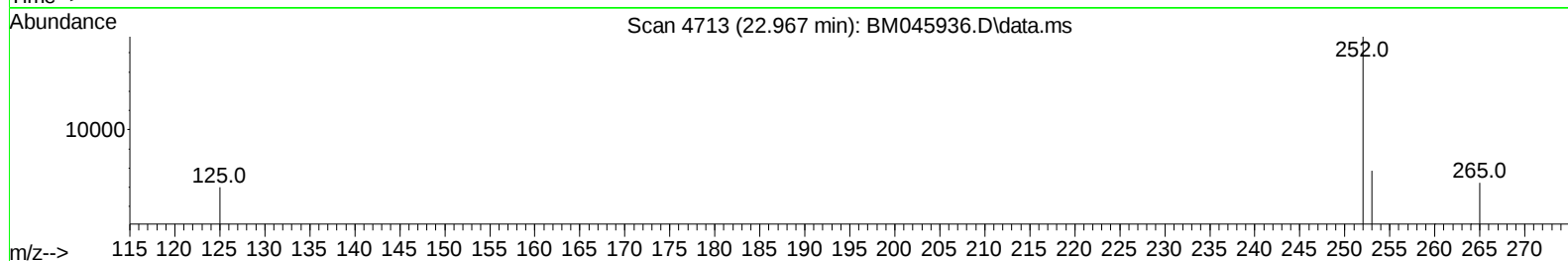
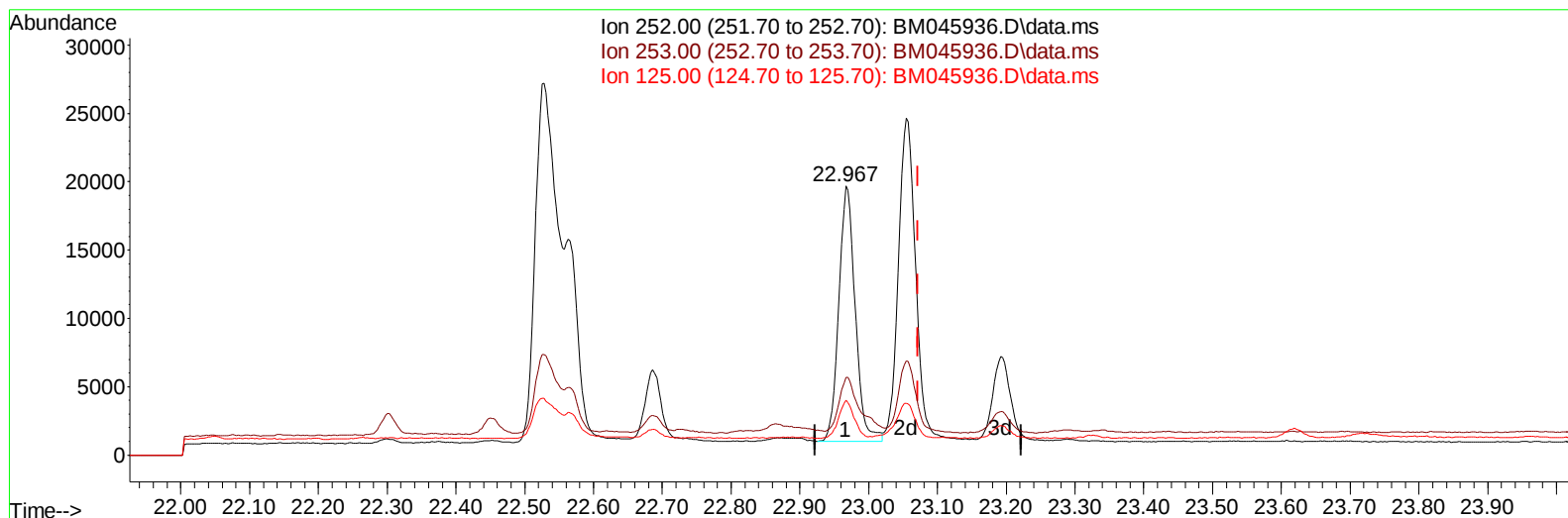
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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Acq On : 09 Jun 2024 03:47
Operator : MA/JU
Sample : P2640-17DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C41DL

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TIC: BM045936.D\data.ms

(26) Benzo(a)pyrene (C)

22.967min (-0.105) 0.60 ng/u1

response 31115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	29.01
125.00	21.60	20.32
0.00	0.00	0.00

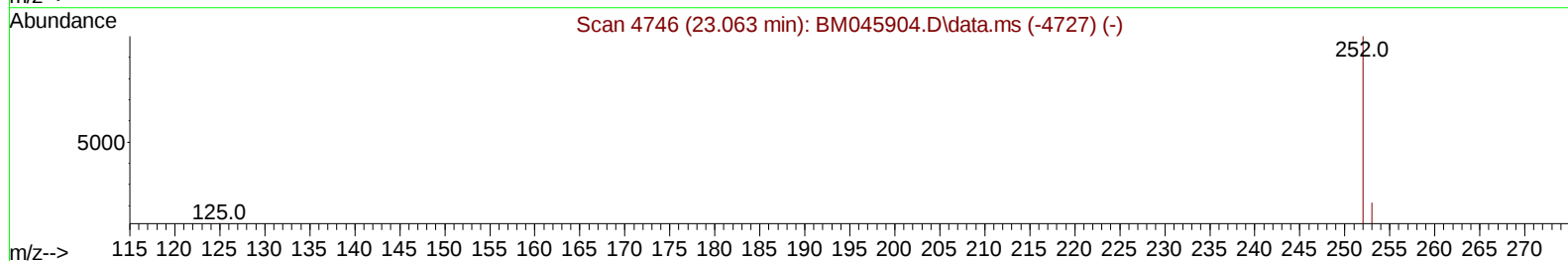
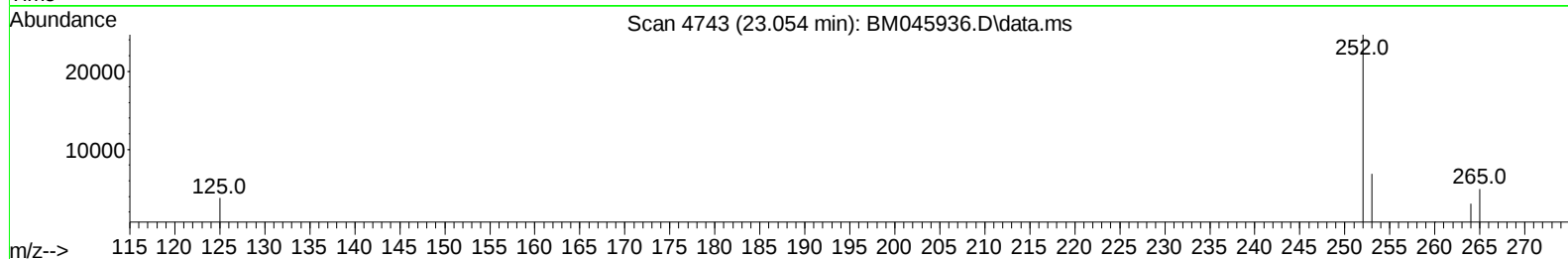
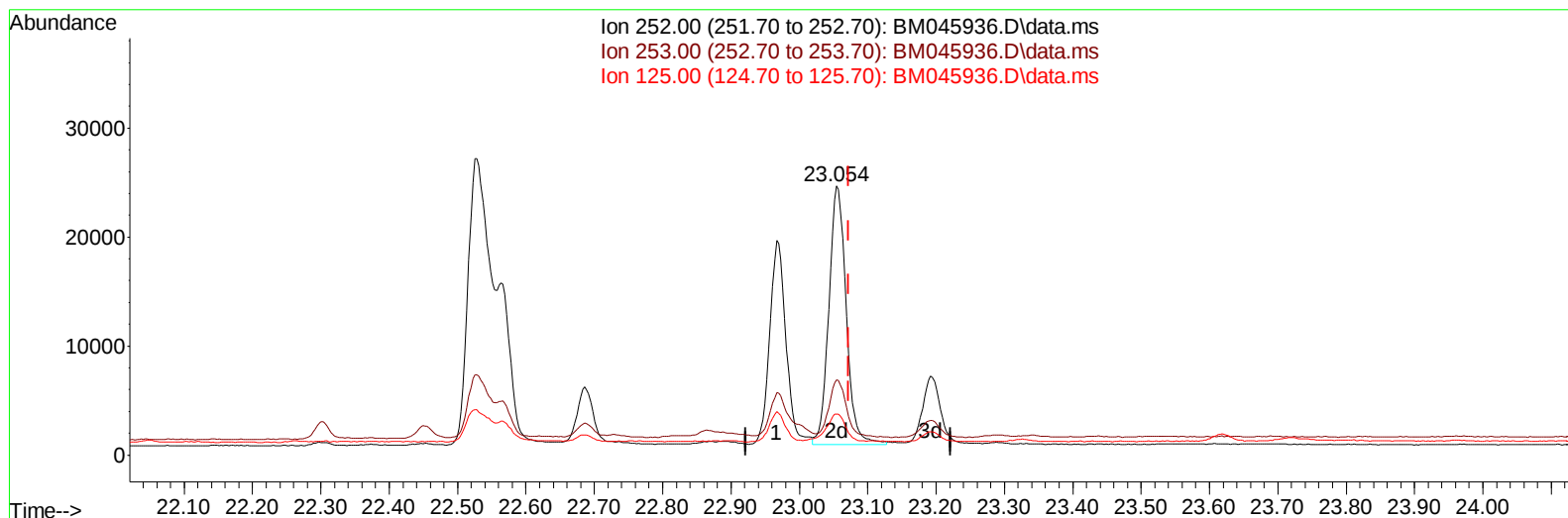
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045936.D
 Acq On : 09 Jun 2024 03:47
 Operator : MA/JU
 Sample : P2640-17DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:31:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045936.D\data.ms

(26) Benzo(a)pyrene (C)

23.054min (-0.018) 0.80 ng/u1 m

response 41723

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	36.00	27.92#
125.00	21.60	15.30#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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 Acq On : 09 Jun 2024 03:47
 Operator : MA/JU
 Sample : P2640-17DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C41DL

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	5779	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	18474	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	9544	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	17594	0.400	ng/ul	-0.01
17) Chrysene-d12	21.044	240	13951	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	15751m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	5723	0.869	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	1321	0.050	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	2277	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	2343	0.049	ng/ul#	89
7) 2-Methylnaphthalene	11.925	142	1153	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.139	142	1052	0.031	ng/ul	97
10) Acenaphthylene	13.825	152	5458	0.126	ng/ul	97
11) Acenaphthene	14.172	153	2532	0.079	ng/ul	97
12) Fluorene	15.162	166	3440	0.096	ng/ul	97
15) Phenanthrene	16.895	178	54992	1.113	ng/ul	99
16) Anthracene	16.984	178	10869	0.258	ng/ul	97
19) Fluoranthene	18.912	202	88247	1.586	ng/ul	97
20) Pyrene	19.275	202	80812	1.393	ng/ul	96
21) Benzo(a)anthracene	21.026	228	38643	0.755	ng/ul	97
22) Chrysene	21.076	228	41840	0.750	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	56356m	1.079	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	20749m	0.361	ng/ul	
26) Benzo(a)pyrene	23.054	252	41723m	0.803	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.209	276	31472	0.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.216	278	7038	0.131	ng/ul#	79
29) Benzo(g,h,i)perylene	25.843	276	33793	0.583	ng/ul	98

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

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ALS Vial : 65 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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