

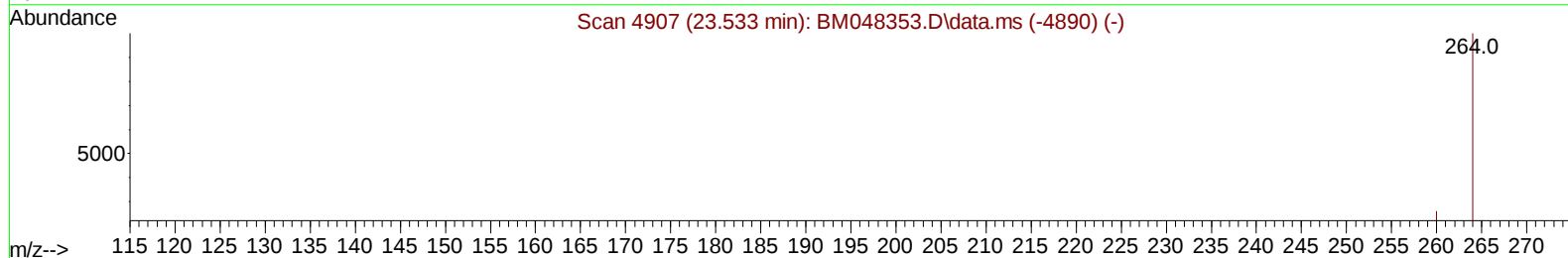
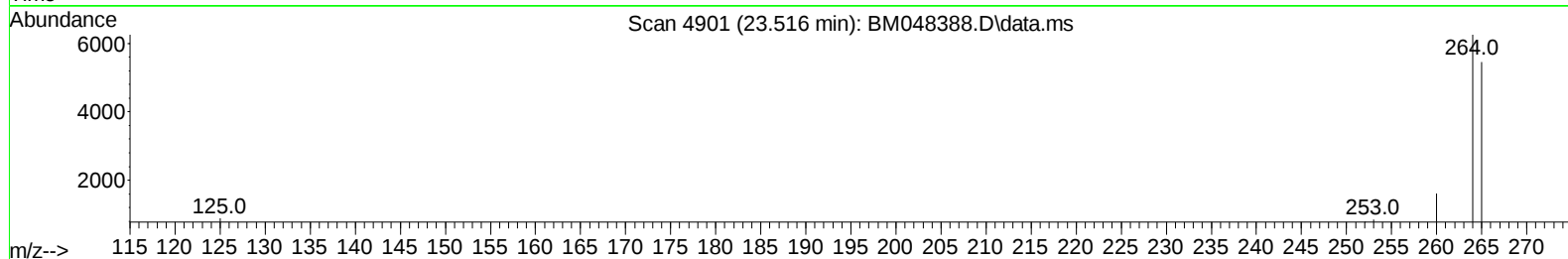
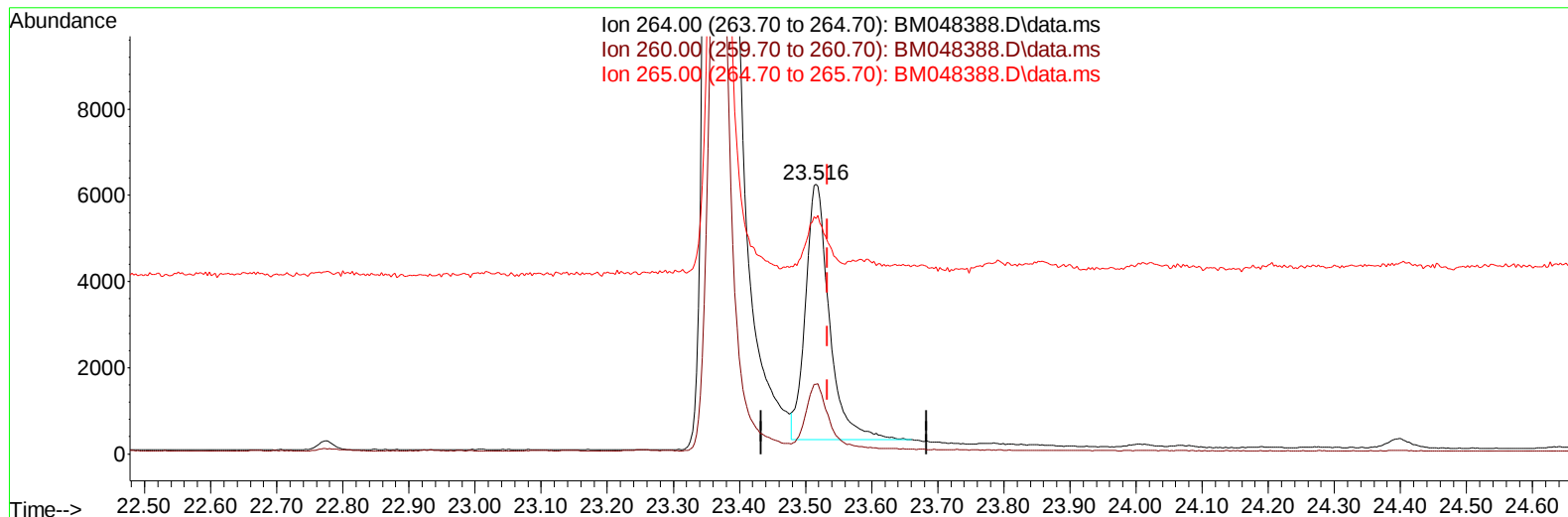
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048388.D
Acq On : 01 Nov 2024 10:45
Operator : RC/JU
Sample : P4530-12DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H39DL

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048388.D\data.ms

(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/u1

response 14884

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.90
265.00	120.80	87.36#
0.00	0.00	0.00

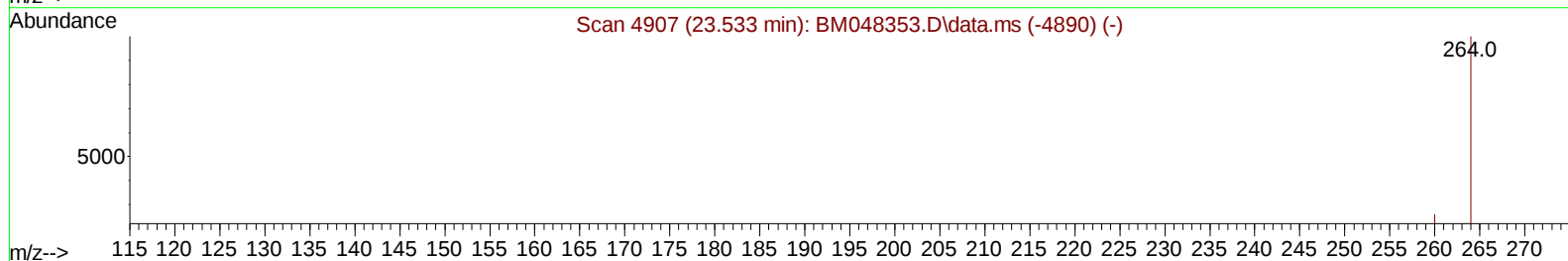
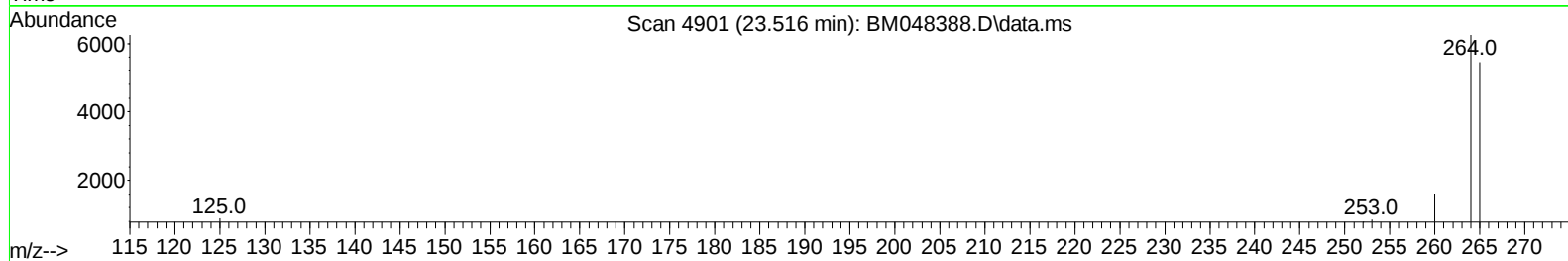
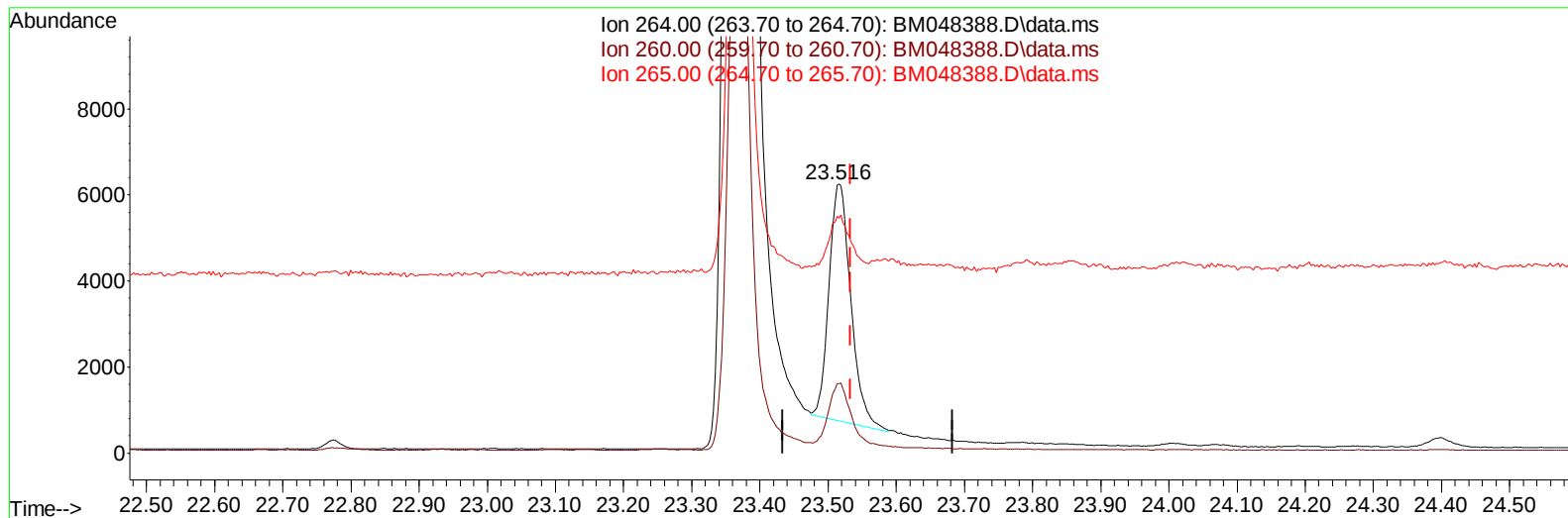
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(23) Perylene-d12 (I)

23.516min (-0.018) 0.40 ng/ul m

response 12196

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.90
265.00	120.80	87.36#
0.00	0.00	0.00

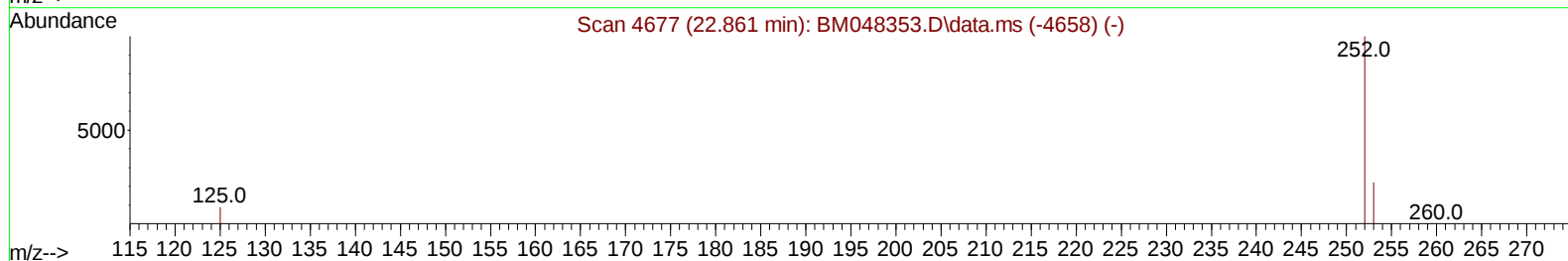
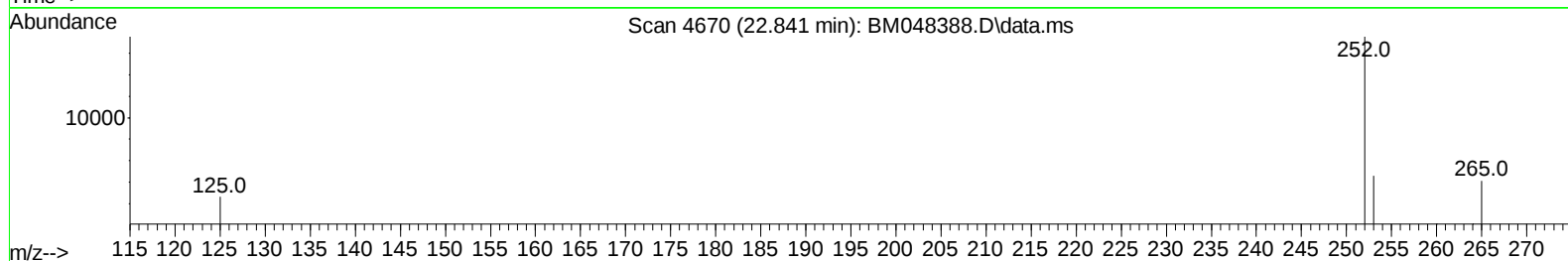
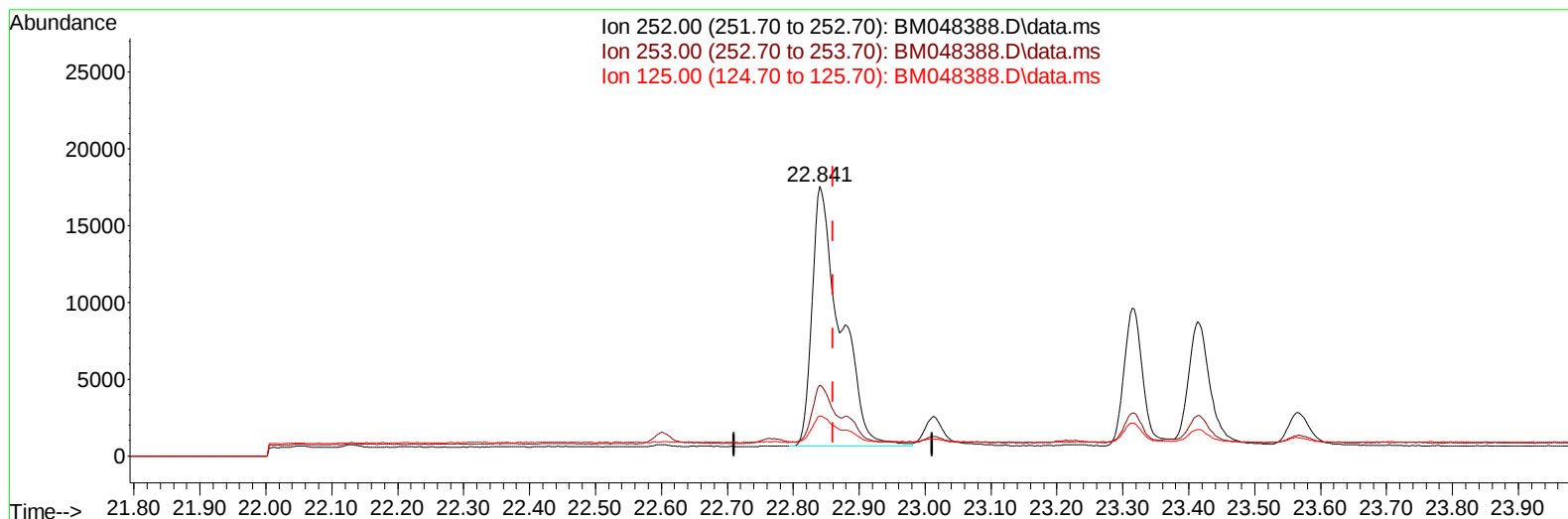
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TIC: BM048388.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 1.20 ng/u1

response 50135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	26.26
125.00	19.00	14.85
0.00	0.00	0.00

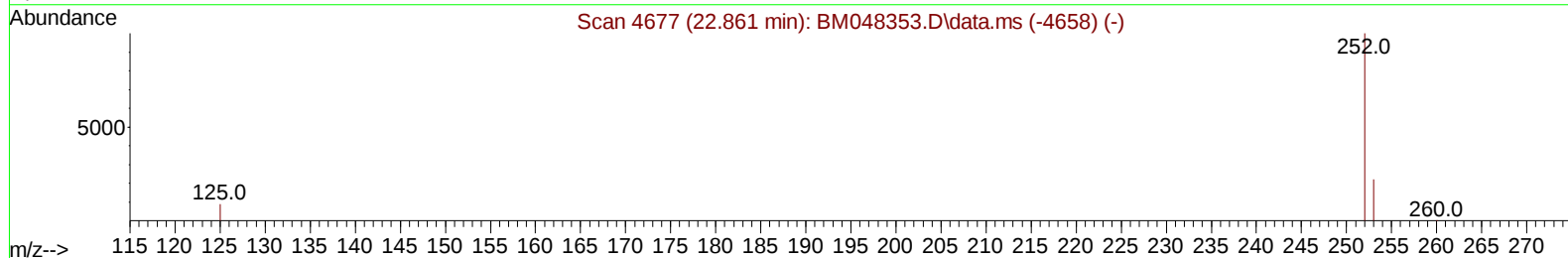
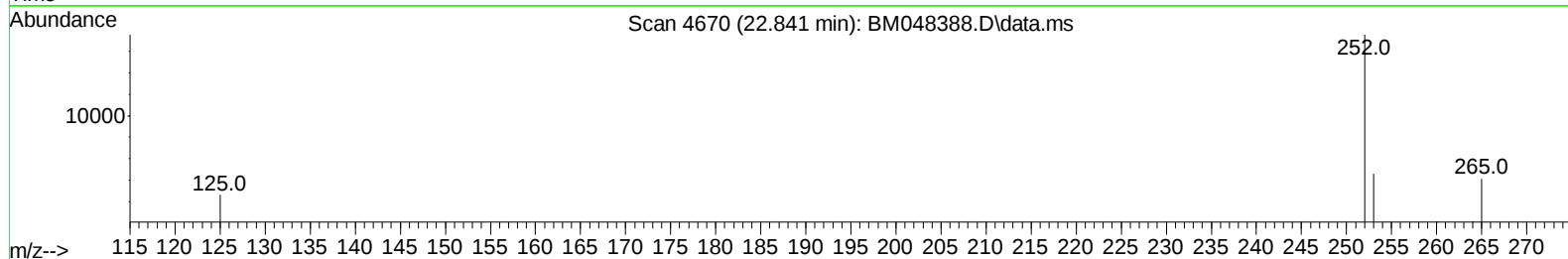
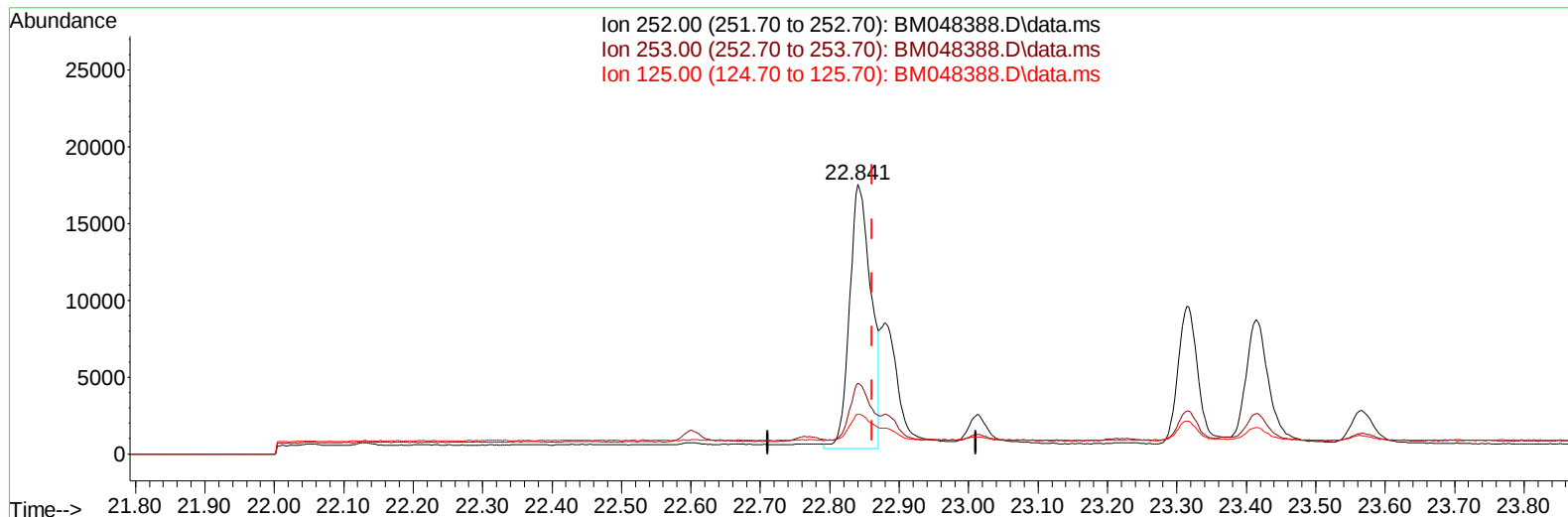
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048388.D
Acq On : 01 Nov 2024 10:45
Operator : RC/JU
Sample : P4530-12DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H39DL

Manual IntegrationsAPPROVED

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TIC: BM048388.D\data.ms

(24) Benzo(b)fluoranthene

22.841min (-0.020) 0.88 ng/u1 m

response 36886

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.70	26.26
125.00	19.00	14.85
0.00	0.00	0.00

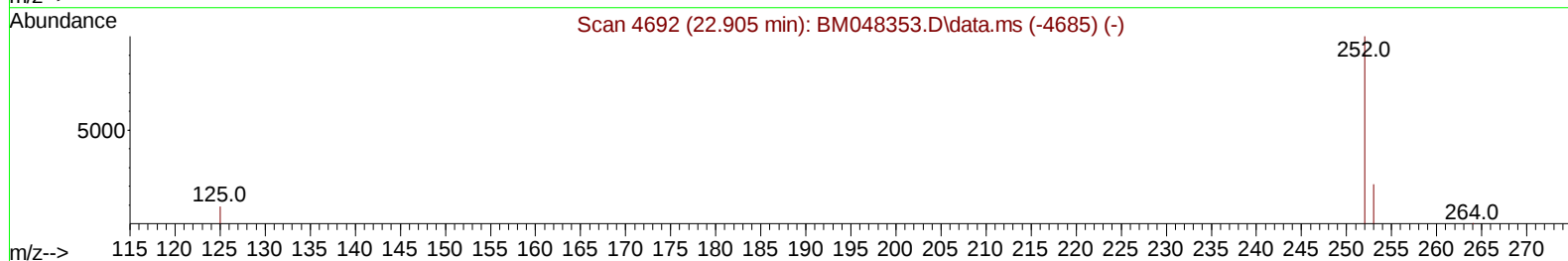
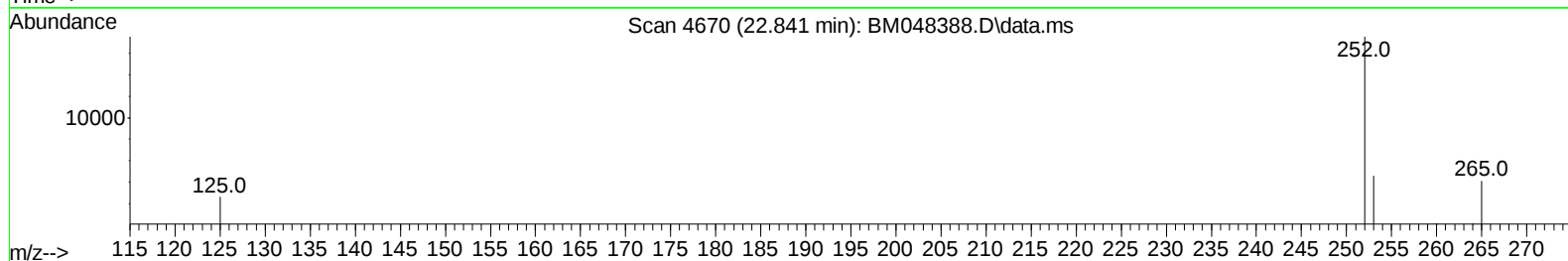
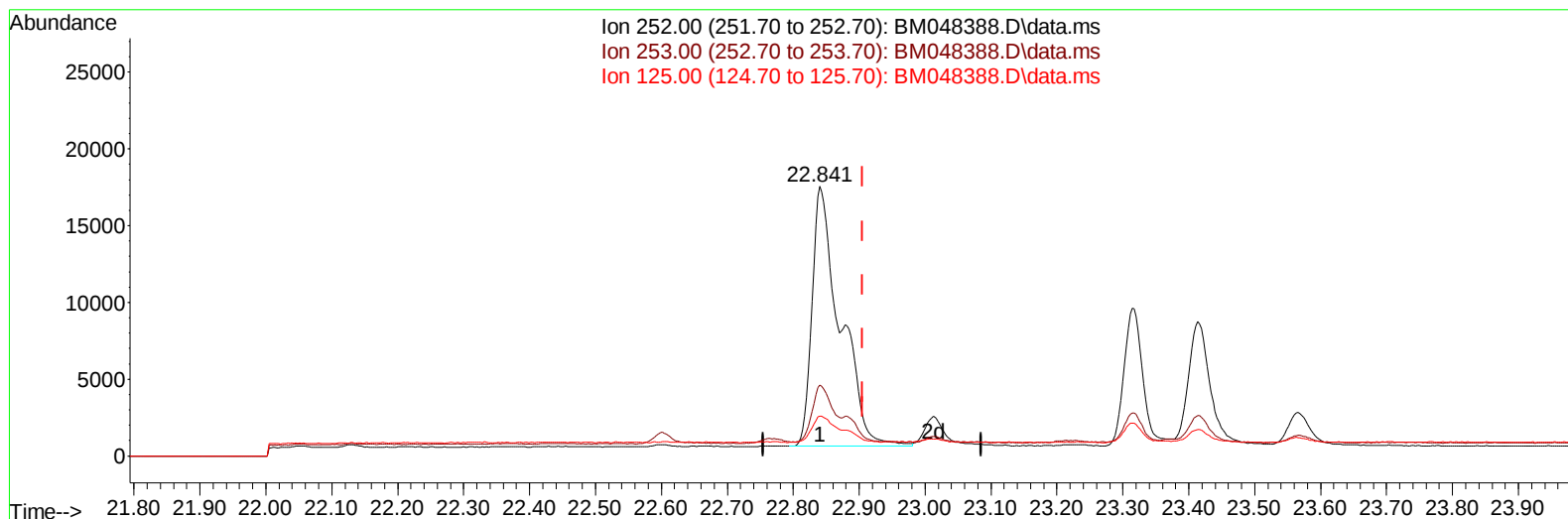
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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TIC: BM048388.D\data.ms

(25) Benzo(k)fluoranthene

22.841min (-0.064) 1.02 ng/u1

response 50135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	26.26
125.00	19.10	14.85#
0.00	0.00	0.00

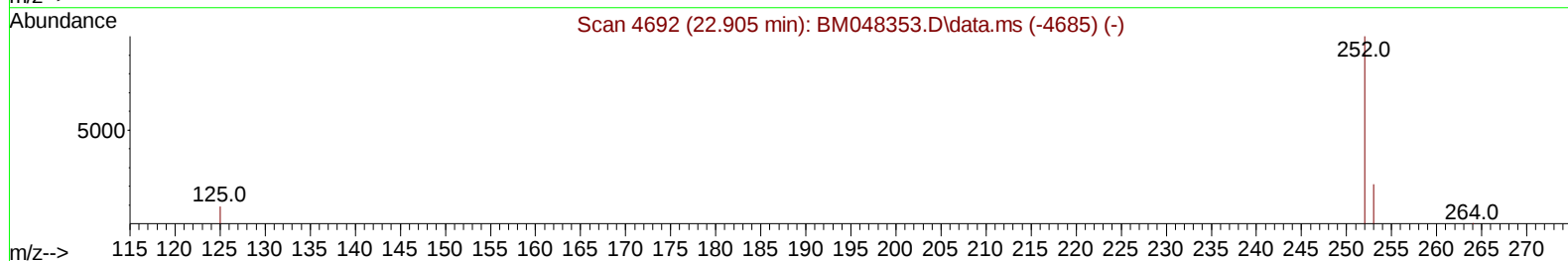
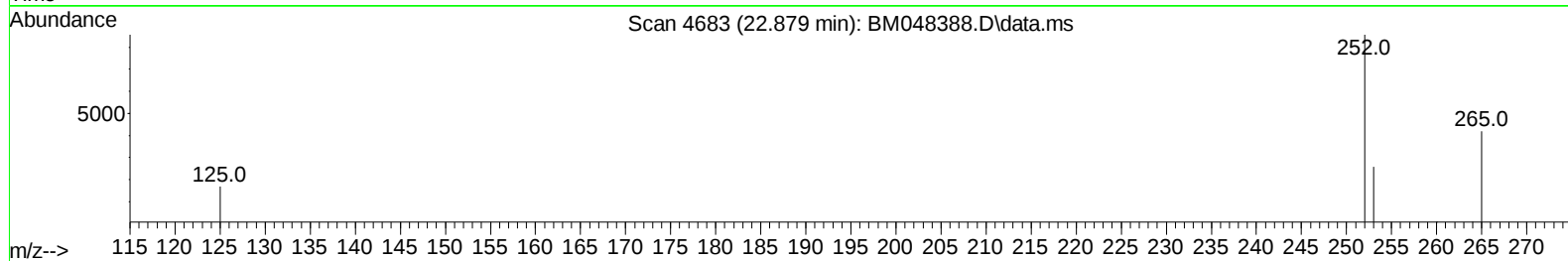
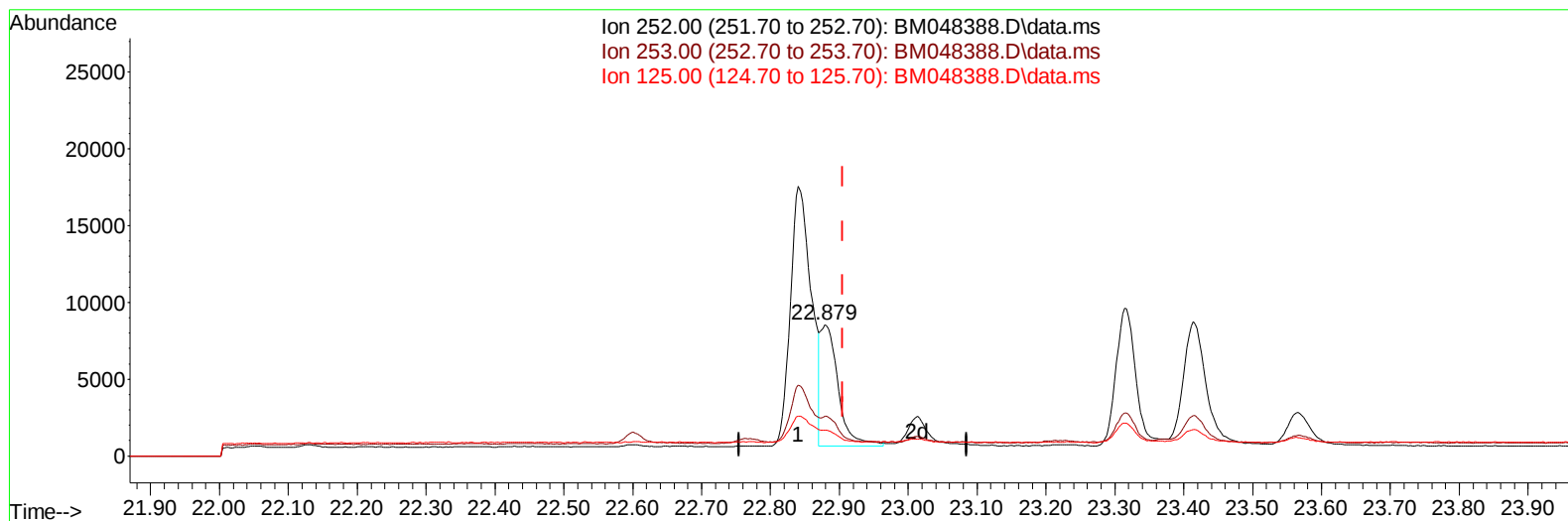
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048388.D
Acq On : 01 Nov 2024 10:45
Operator : RC/JU
Sample : P4530-12DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H39DL

Manual IntegrationsAPPROVED

Quant Time: Nov 03 21:48:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



TIC: BM048388.D\data.ms

(25) Benzo(k)fluoranthene

22.879min (-0.026) 0.29 ng/u1 m

response 14239

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.20	30.10
125.00	19.10	19.62
0.00	0.00	0.00

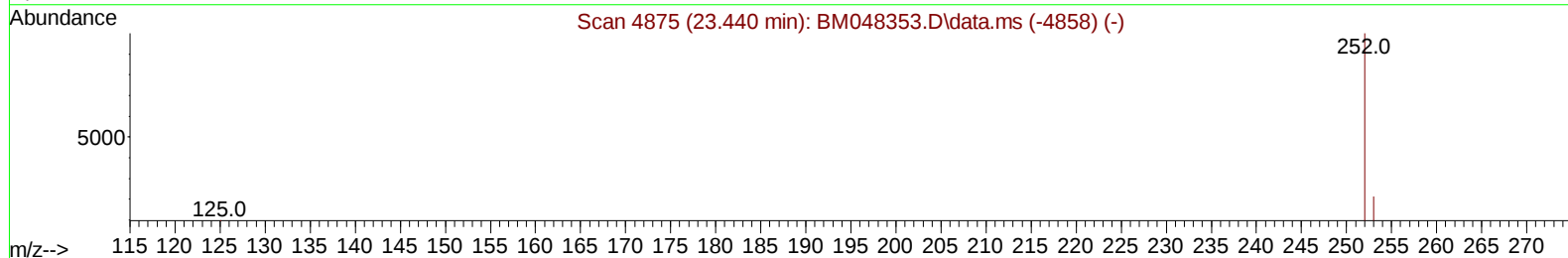
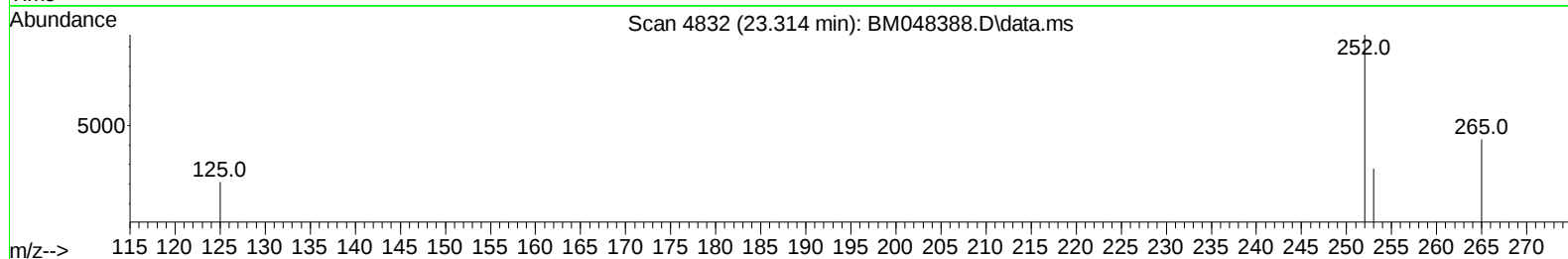
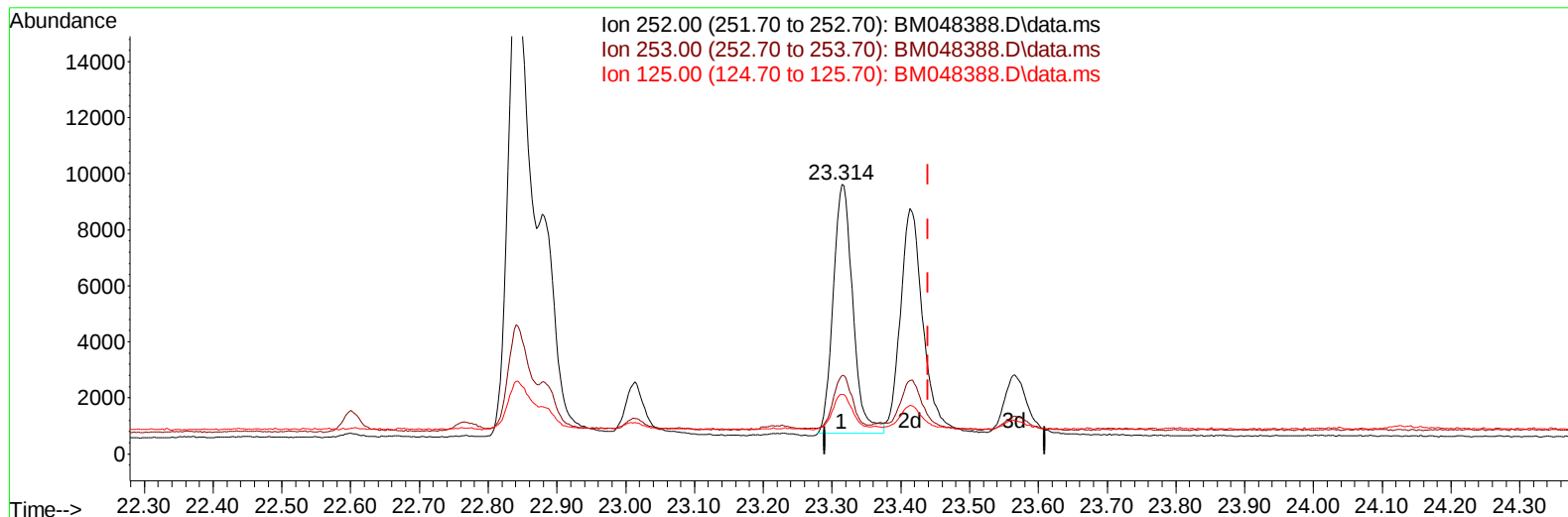
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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H39DL

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TIC: BM048388.D\data.ms

(26) Benzo(a)pyrene (C)

23.314min (-0.126) 0.45 ng/u1

response 17691

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.60	29.13
125.00	26.40	22.00
0.00	0.00	0.00

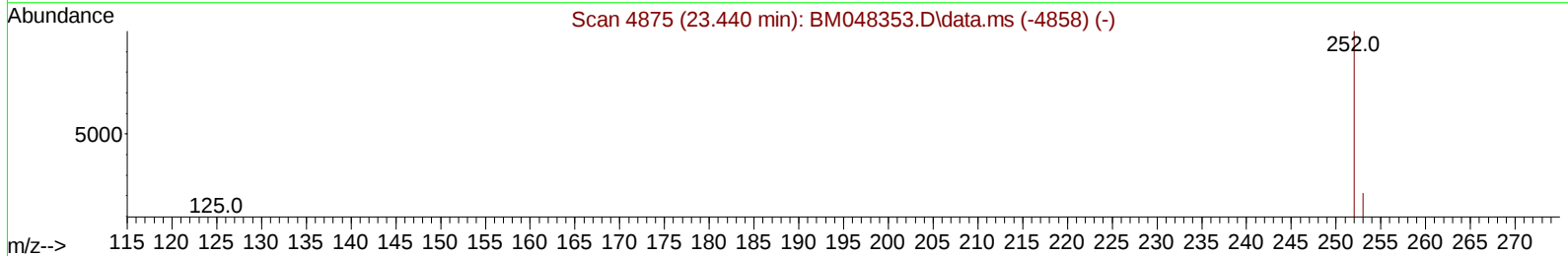
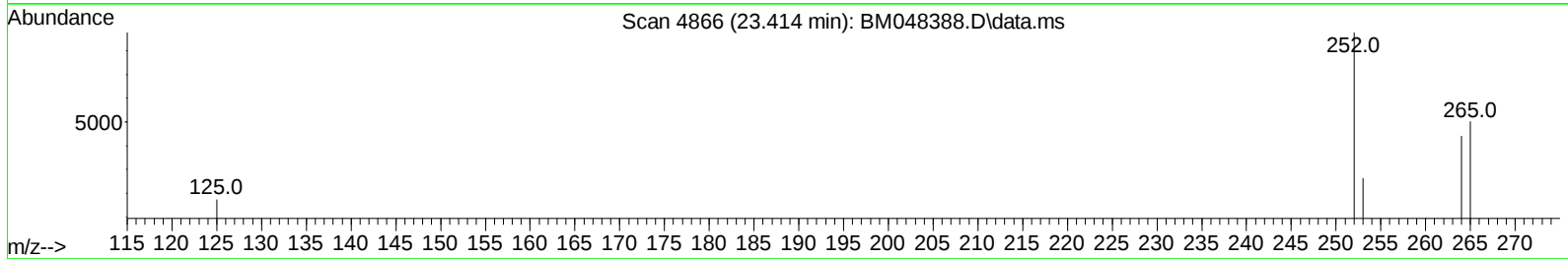
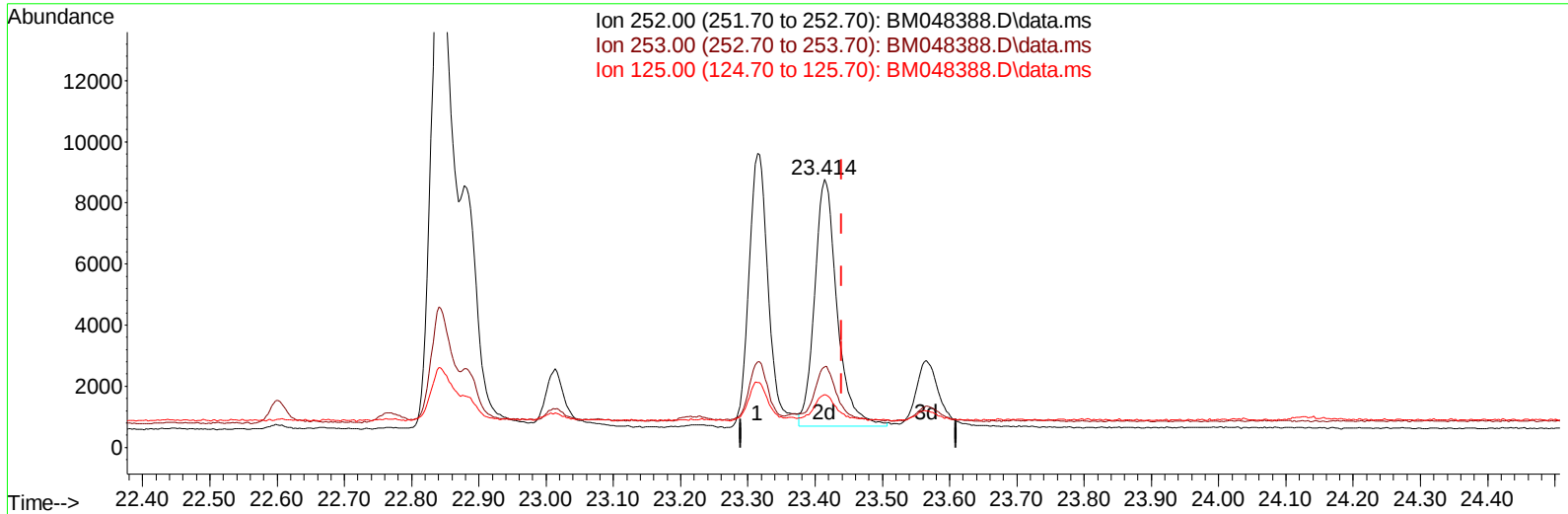
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048388.D
Acq On : 01 Nov 2024 10:45
Operator : RC/JU
Sample : P4530-12DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7H39DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 21:48:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



TIC: BM048388.D\data.ms

(26) Benzo(a)pyrene (C)

23.414min (-0.026) 0.48 ng/u1 m

response 18662

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.60	29.98
125.00	26.40	19.78#
0.00	0.00	0.00

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 Data File : BM048388.D
 Acq On : 01 Nov 2024 10:45
 Operator : RC/JU
 Sample : P4530-12DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H39DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152		4370	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.508	136		13721	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.354	164		8078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188		15519	0.400	ng/ul	-0.02
17) Chrysene-d12	21.280	240		13718	0.400	ng/ul	-0.01
23) Perylene-d12	23.516	264		12196m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96		4368	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.135	152		849	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.128	212		2119	0.061	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	14.076	152		1995	0.064	ng/ul#	88
15) Phenanthrene	17.141	178		1560	0.040	ng/ul#	82
16) Anthracene	17.234	178		9608	0.266	ng/ul	98
19) Fluoranthene	19.155	202		33281	0.704	ng/ul	99
20) Pyrene	19.518	202		44851	0.884	ng/ul	98
21) Benzo(a)anthracene	21.265	228		24184	0.589	ng/ul	97
22) Chrysene	21.315	228		23456	0.415	ng/ul	98
24) Benzo(b)fluoranthene	22.841	252		36886m	0.885	ng/ul	
25) Benzo(k)fluoranthene	22.879	252		14239m	0.289	ng/ul	
26) Benzo(a)pyrene	23.414	252		18662m	0.477	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.796	276		13179	0.241	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.799	278		3112	0.073	ng/ul#	68
29) Benzo(g,h,i)perylene	26.483	276		12652	0.274	ng/ul	99

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

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