

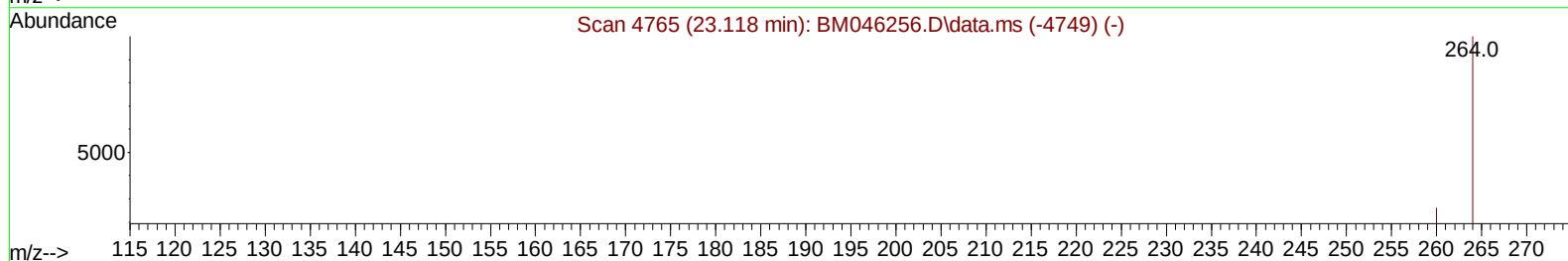
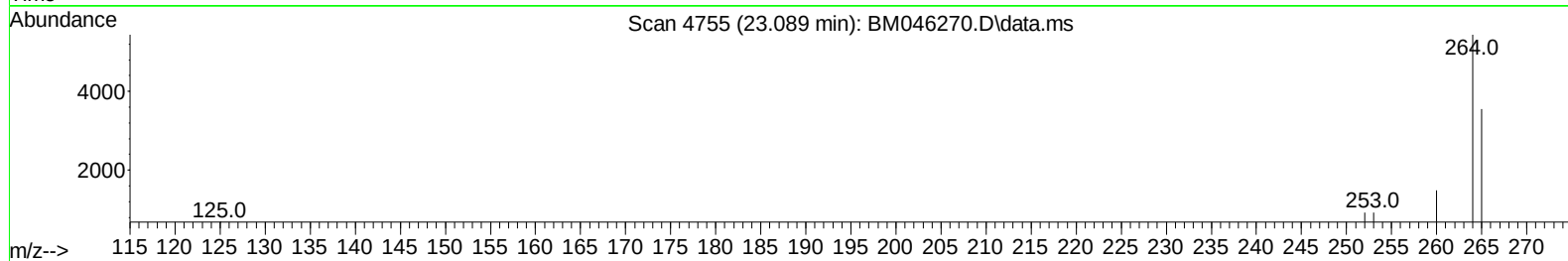
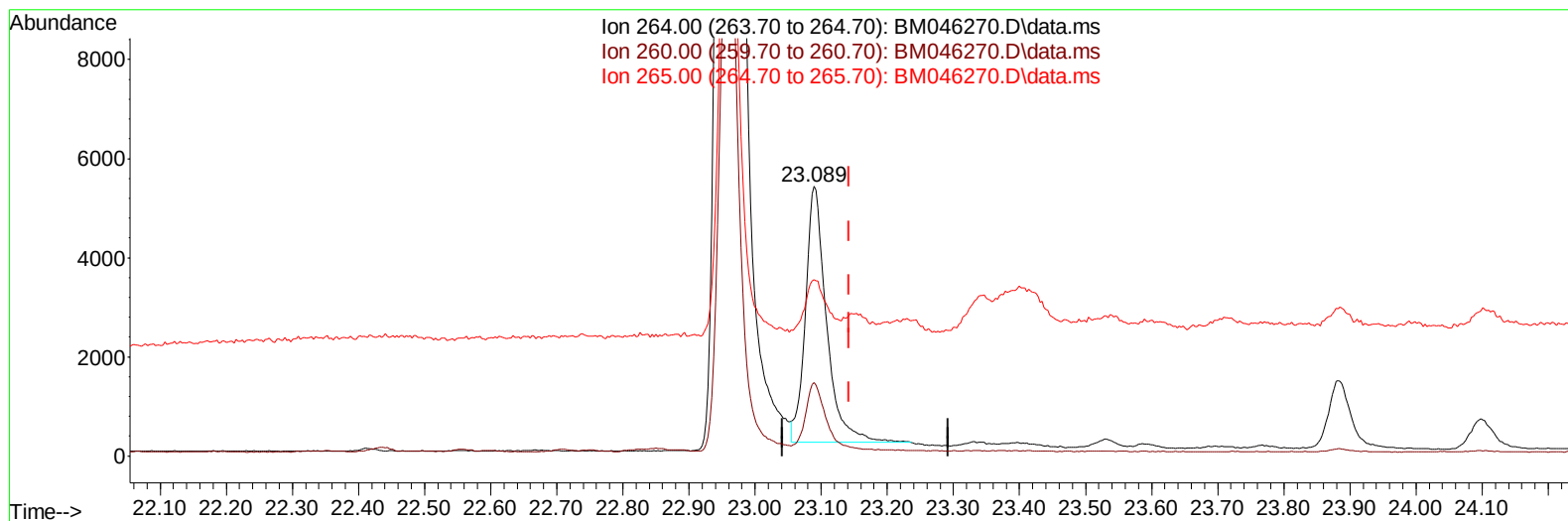
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
Acq On : 25 Jun 2024 01:24
Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:28:47 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046270.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.053) 0.40 ng/u1

response 11437

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.31
265.00	110.60	65.37#
0.00	0.00	0.00

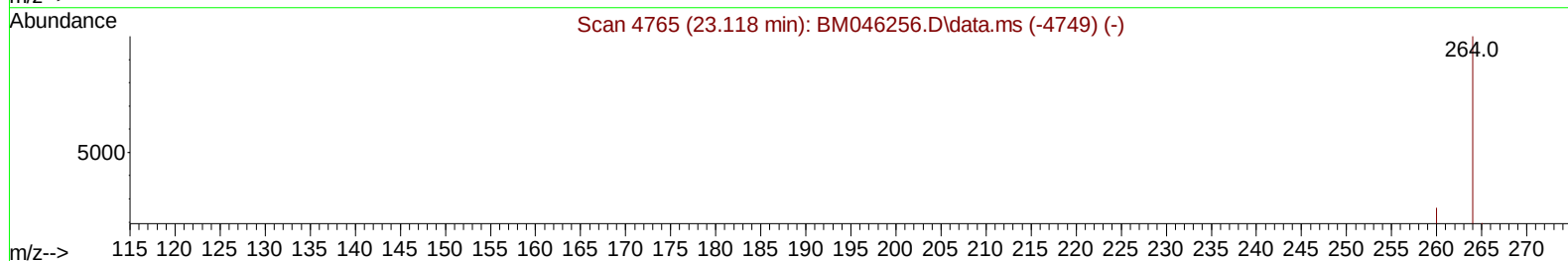
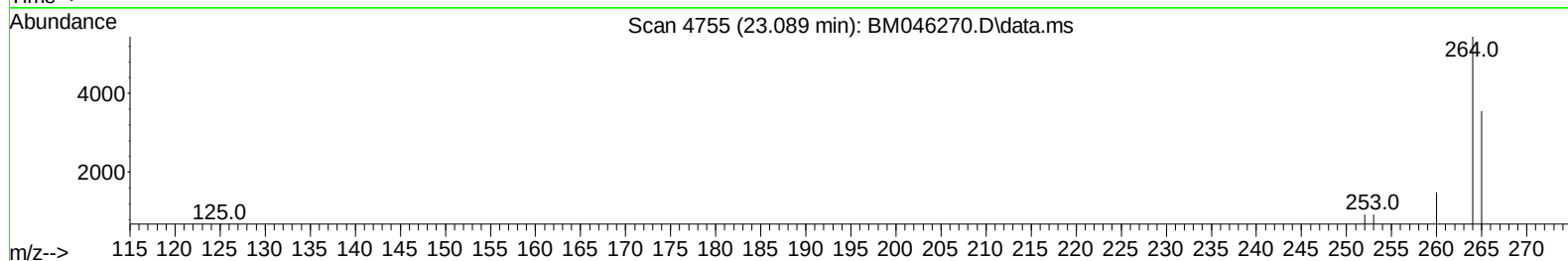
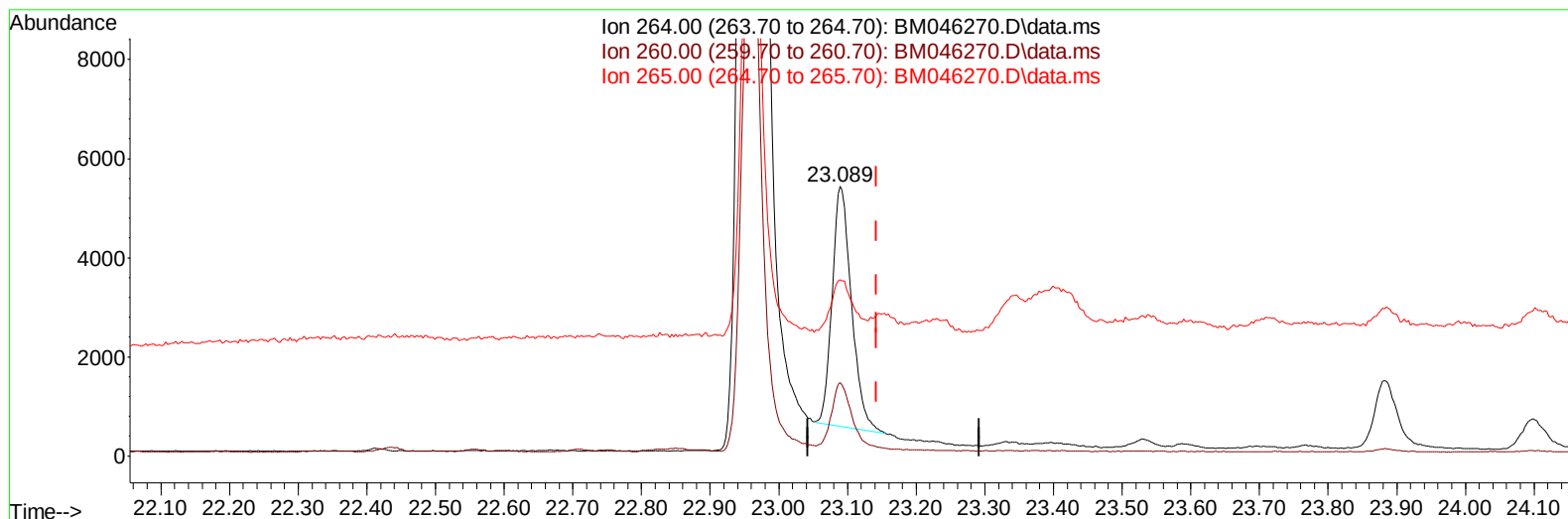
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TIC: BM046270.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.053) 0.40 ng/ul m

response 9479

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.31
265.00	110.60	65.37#
0.00	0.00	0.00

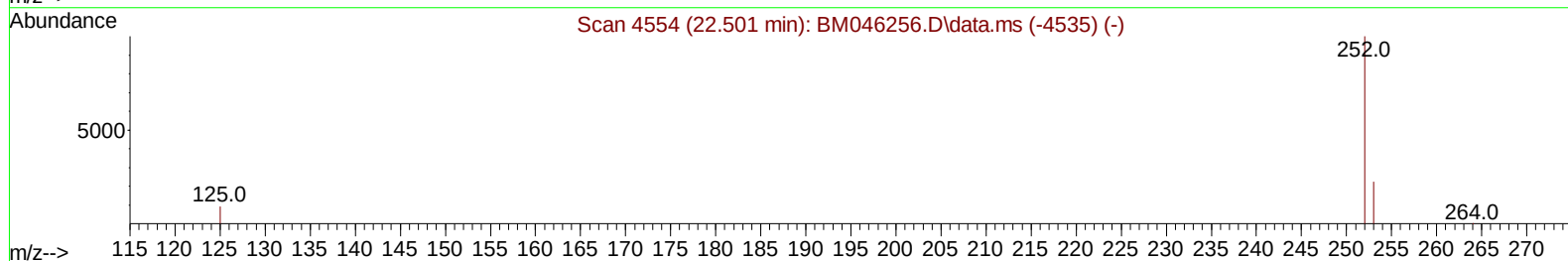
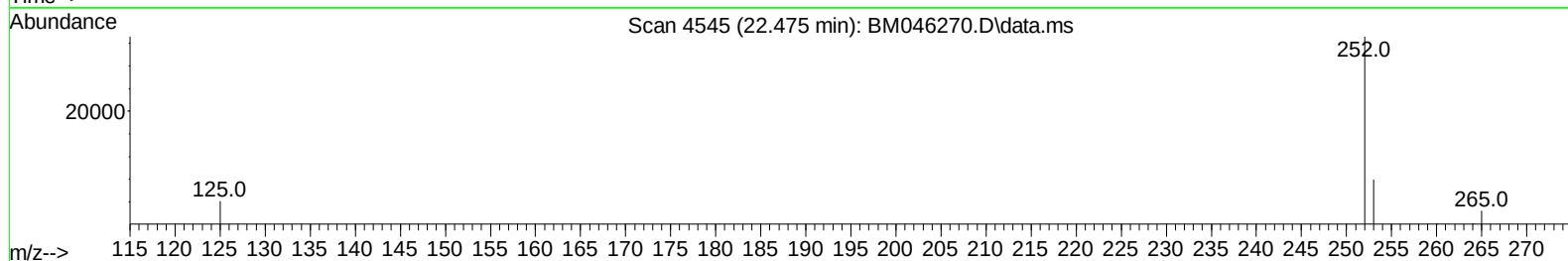
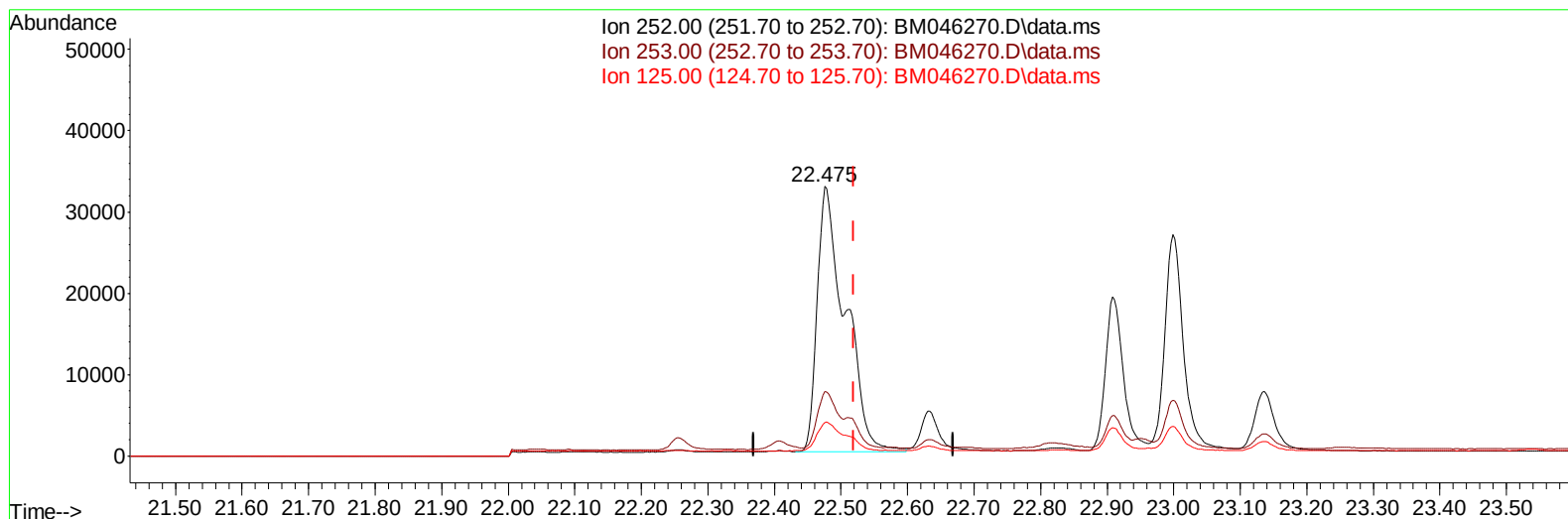
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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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TIC: BM046270.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.044) 2.78 ng/u1

response 94913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.04
125.00	20.10	12.36
0.00	0.00	0.00

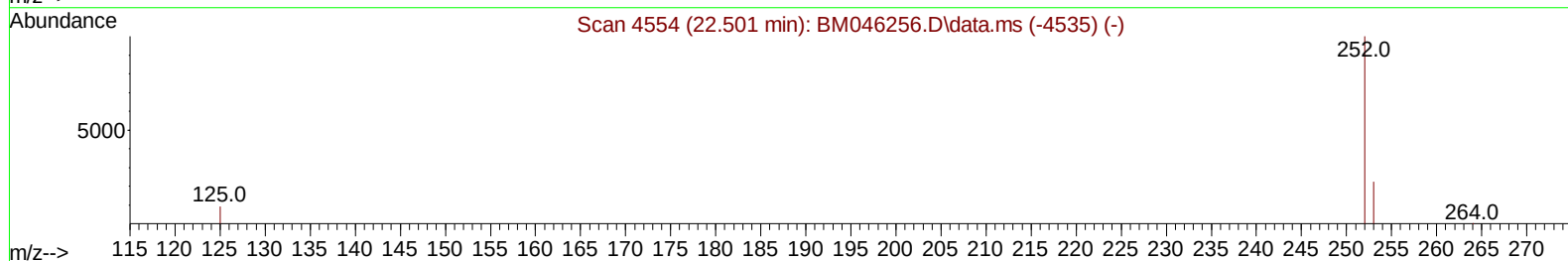
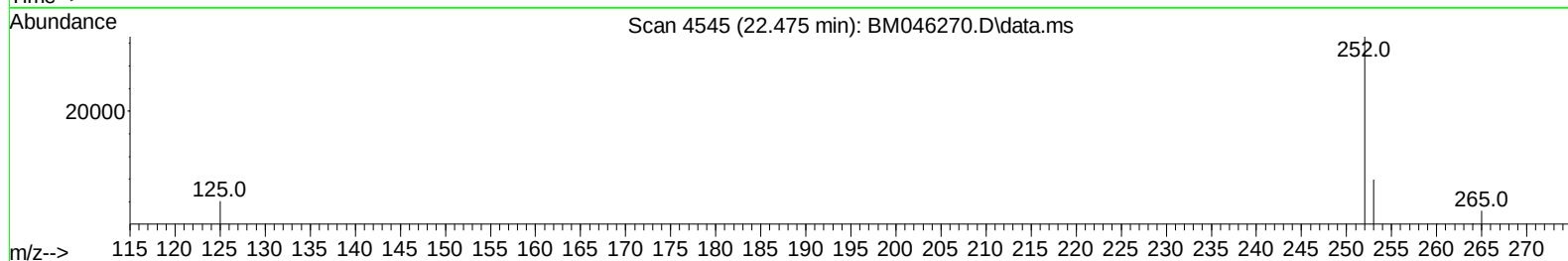
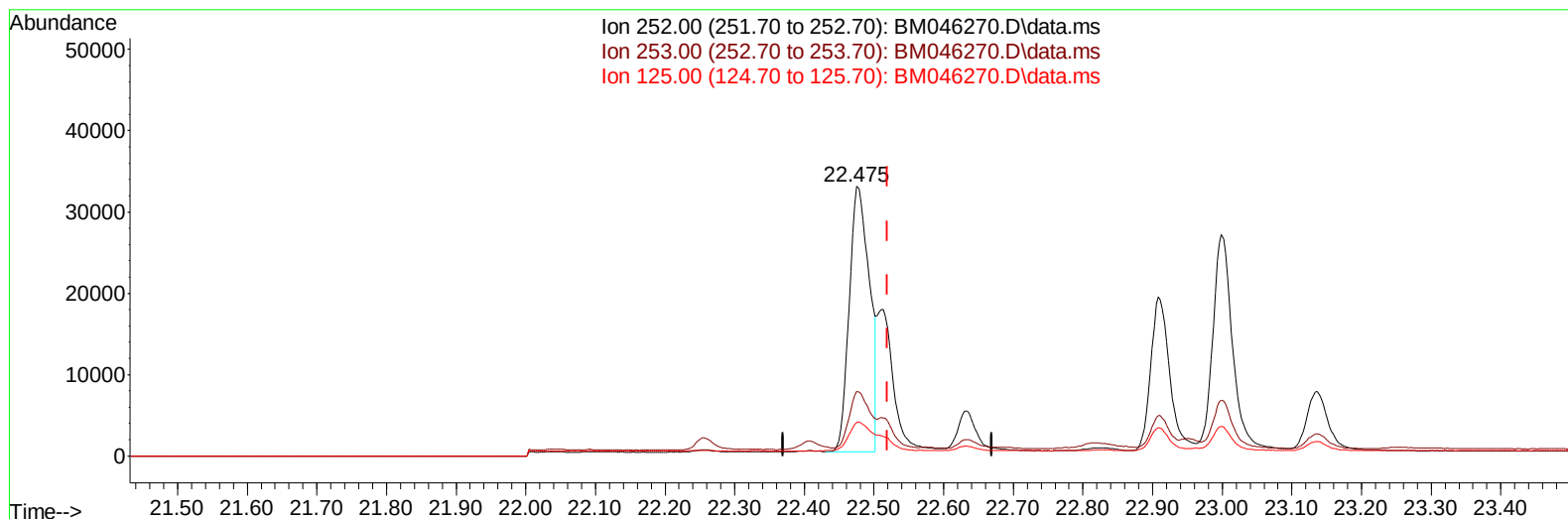
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
Acq On : 25 Jun 2024 01:24
Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

Manual IntegrationsAPPROVED

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TIC: BM046270.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.044) 1.93 ng/ul m

response 66046

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.04
125.00	20.10	12.36
0.00	0.00	0.00

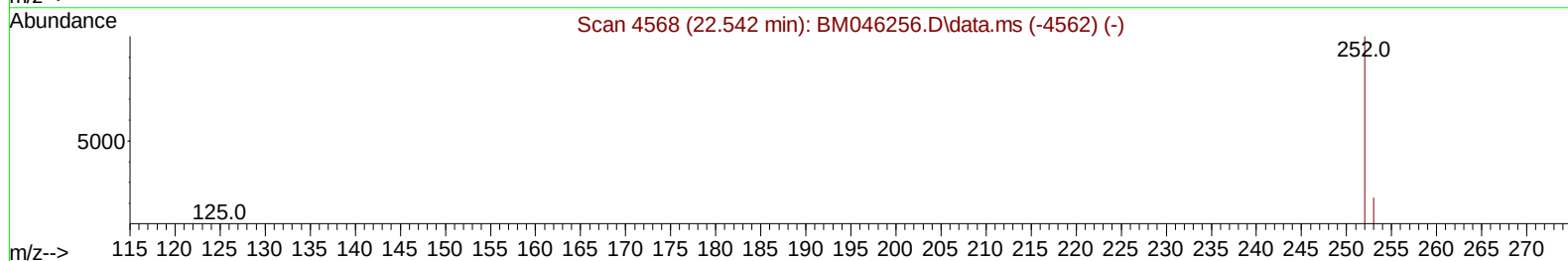
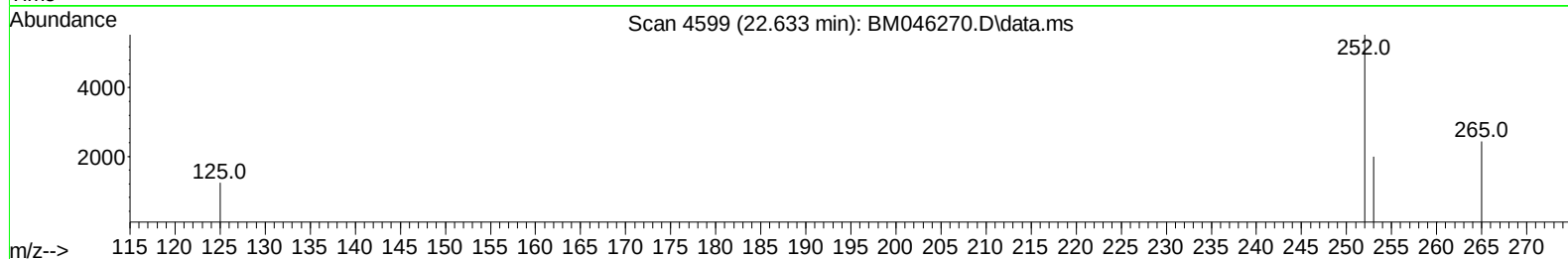
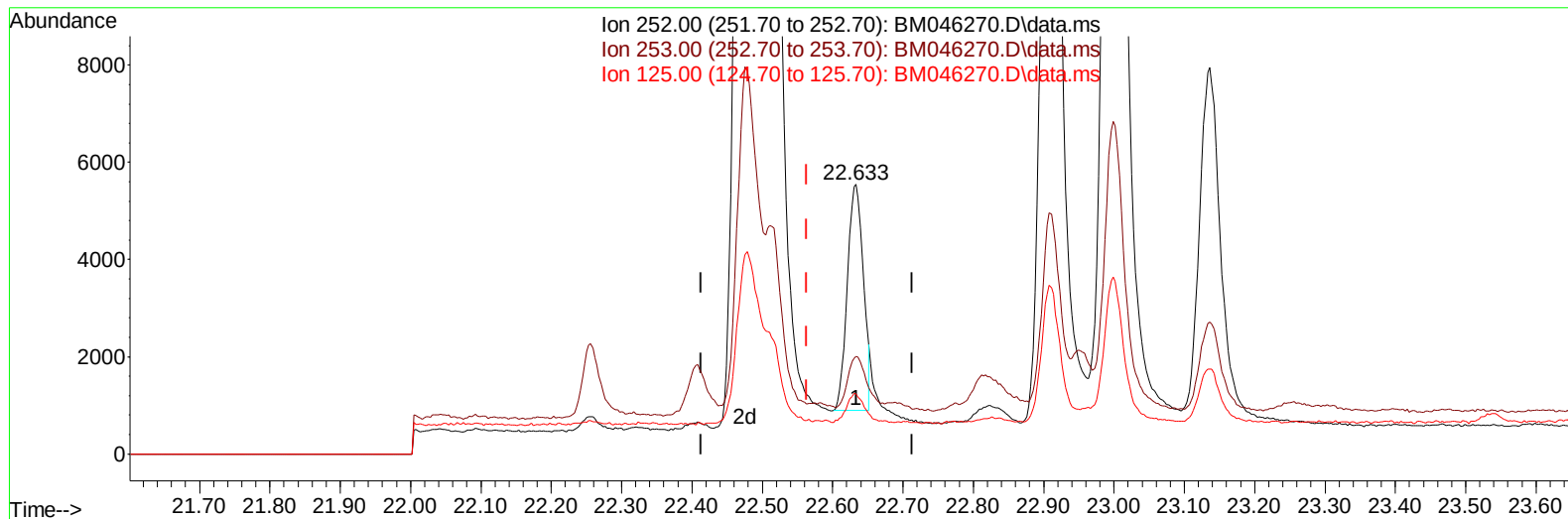
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
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Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

Manual IntegrationsAPPROVED

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TIC: BM046270.D\data.ms

(25) Benzo(k)fluoranthene

22.633min (+ 0.070) 0.18 ng/u1

response 7290

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	36.10
125.00	20.80	22.23
0.00	0.00	0.00

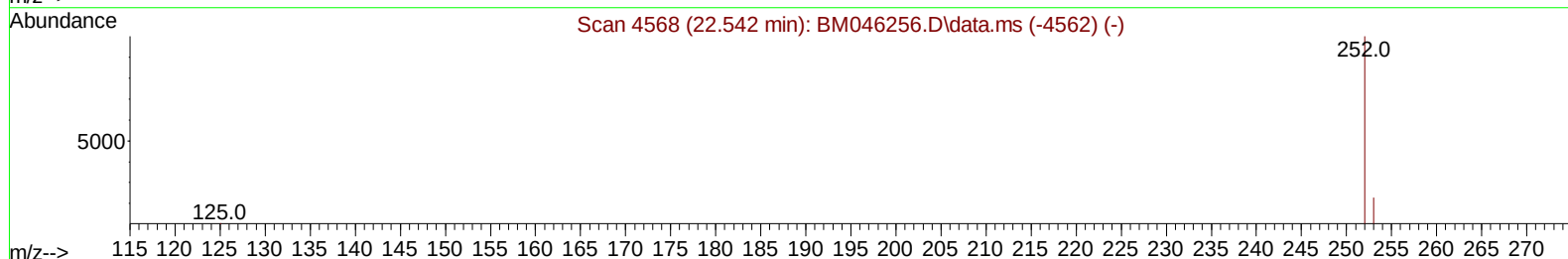
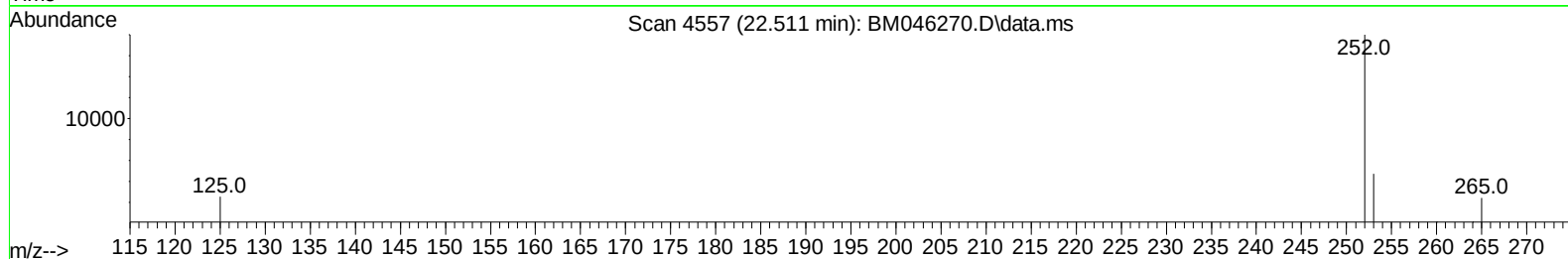
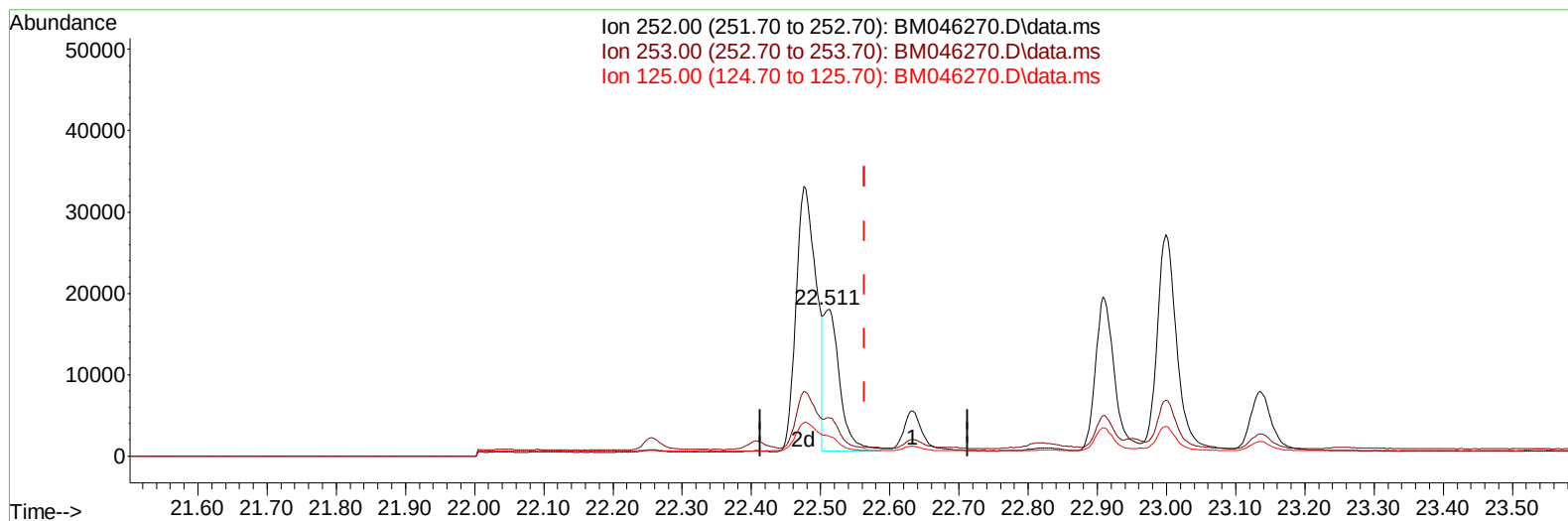
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
Acq On : 25 Jun 2024 01:24
Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 02:28:47 2024
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TIC: BM046270.D\data.ms

(25) Benzo(k)fluoranthene

22.511min (-0.053) 0.70 ng/u1 m

response 28265

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.07#
125.00	20.80	13.89#
0.00	0.00	0.00

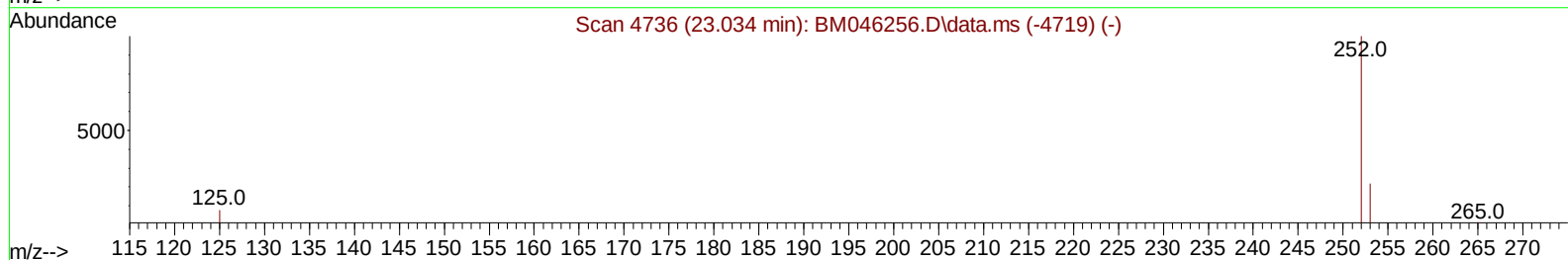
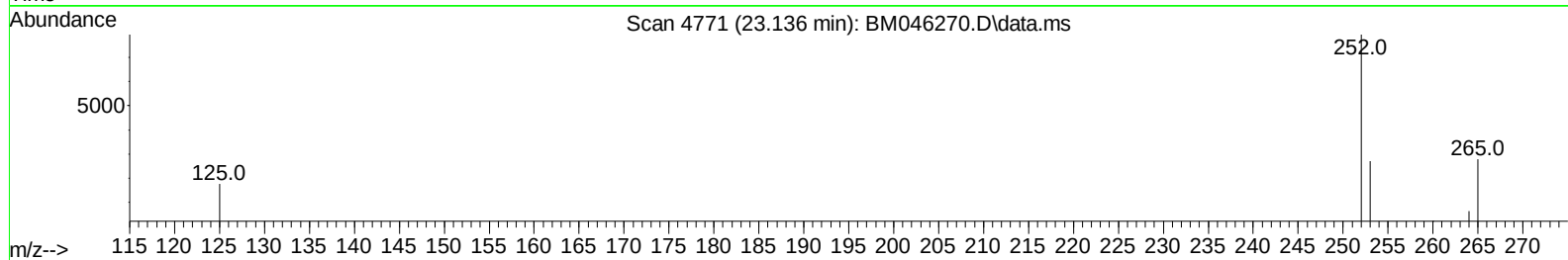
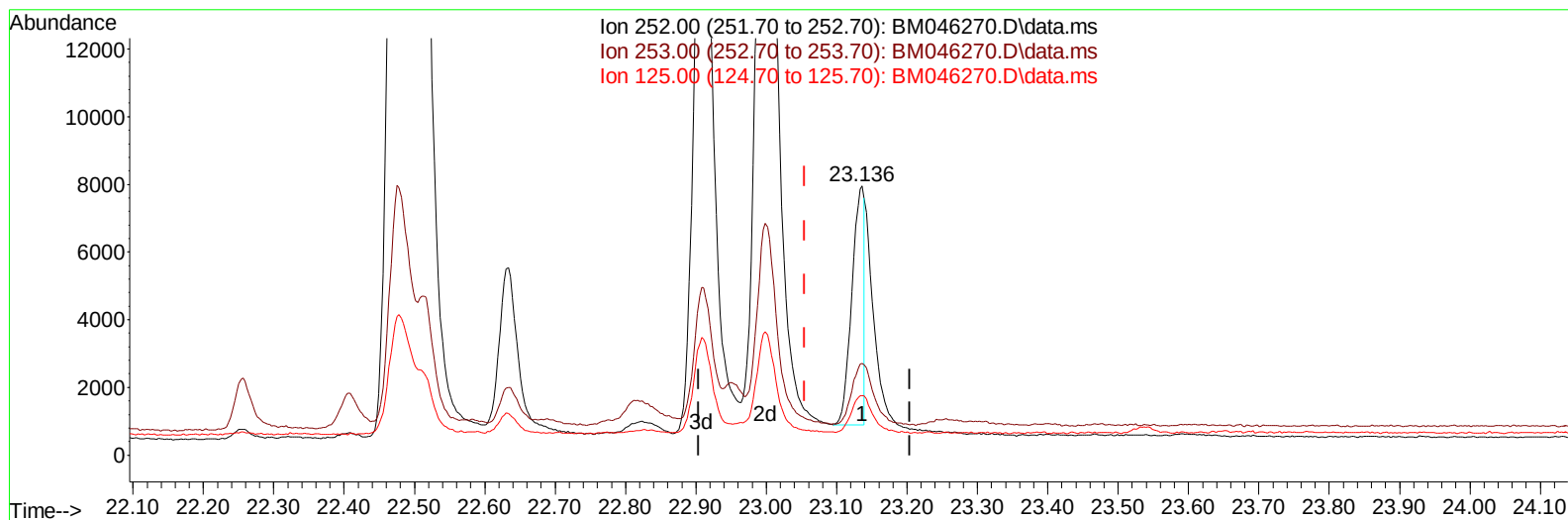
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

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TIC: BM046270.D\data.ms

(26) Benzo(a)pyrene (C)

23.136min (+ 0.082) 0.28 ng/u1

response 8724

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	34.10
125.00	26.50	22.02
0.00	0.00	0.00

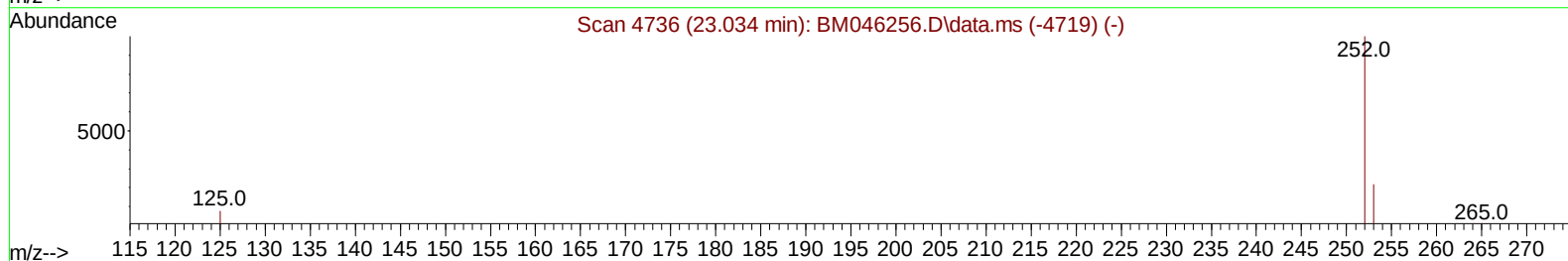
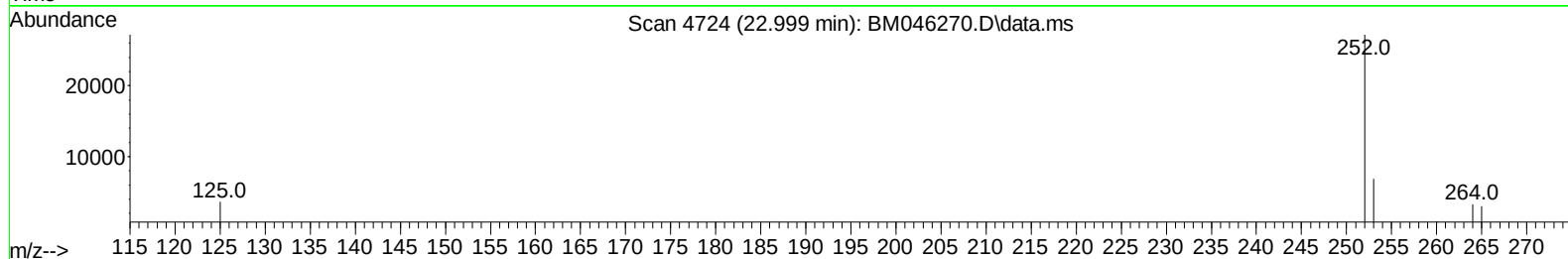
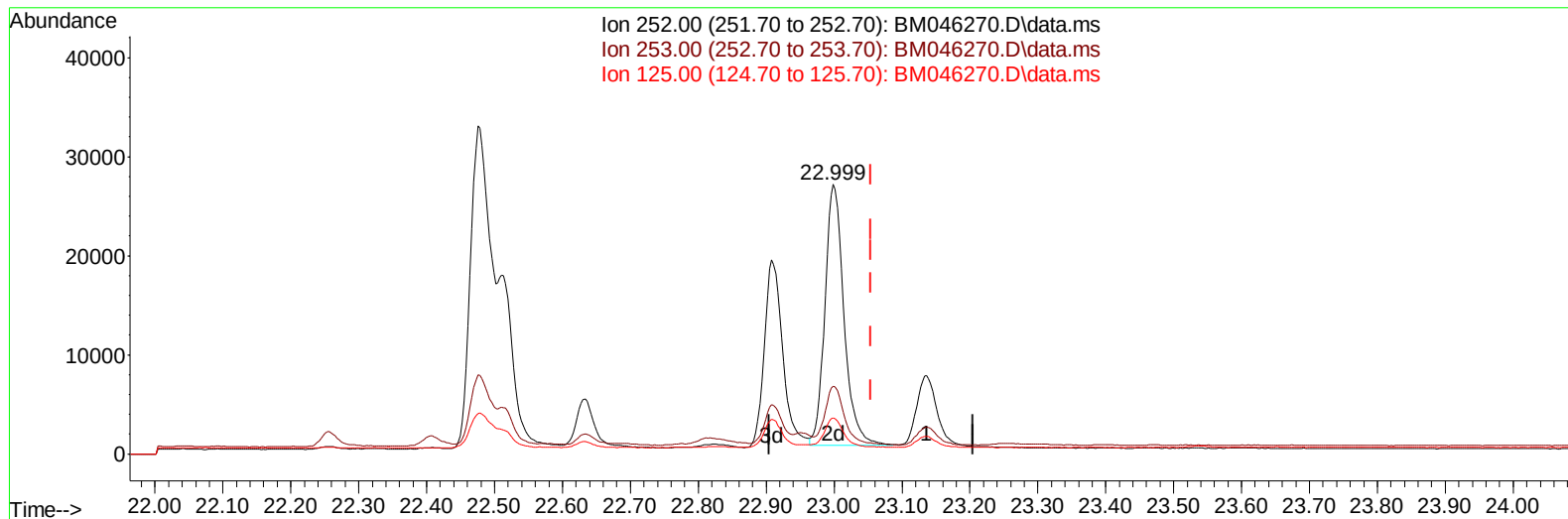
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046270.D
Acq On : 25 Jun 2024 01:24
Operator : MA/JU
Sample : P2776-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:28:47 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM046270.D\data.ms

(26) Benzo(a)pyrene (C)

22.999min (-0.056) 1.62 ng/ul m

response 51224

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	25.16#
125.00	26.50	13.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046270.D
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 Operator : MA/JU
 Sample : P2776-12DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA7DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2959	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.204	136	9080	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.061	164	5158	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	10292	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	8170	0.400	ng/ul	#-0.04
23) Perylene-d12	23.089	264	9479m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2387	0.588	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.848	152	497	0.041	ng/ul	-0.02
18) Fluoranthene-d10	18.833	212	1190	0.049	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.259	128	1031	0.041	ng/ul#	67
10) Acenaphthylene	13.784	152	726	0.030	ng/ul#	63
11) Acenaphthene	14.121	153	6949	0.393	ng/ul	99
12) Fluorene	15.125	166	7972	0.421	ng/ul	99
15) Phenanthrene	16.844	178	125131	4.327	ng/ul	96
16) Anthracene	16.937	178	29877	1.387	ng/ul	97
19) Fluoranthene	18.861	202	162307	4.588	ng/ul	97
20) Pyrene	19.224	202	135773	3.549	ng/ul	97
21) Benzo(a)anthracene	20.988	228	56708	1.797	ng/ul	99
22) Chrysene	21.038	228	47758	1.186	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	66046m	1.934	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	28265m	0.696	ng/ul	
26) Benzo(a)pyrene	22.999	252	51224m	1.619	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.135	276	39655	0.766	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.138	278	7317	0.190	ng/ul	98
29) Benzo(g,h,i)perylene	25.756	276	43007	0.968	ng/ul	95

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

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