

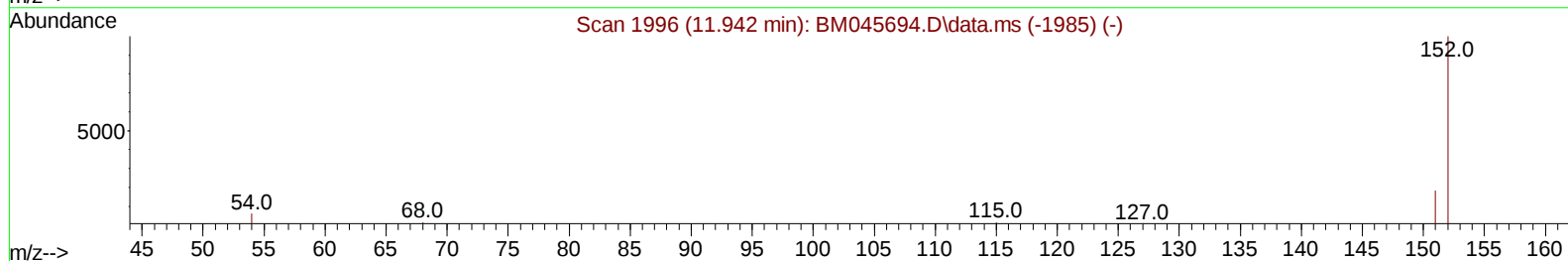
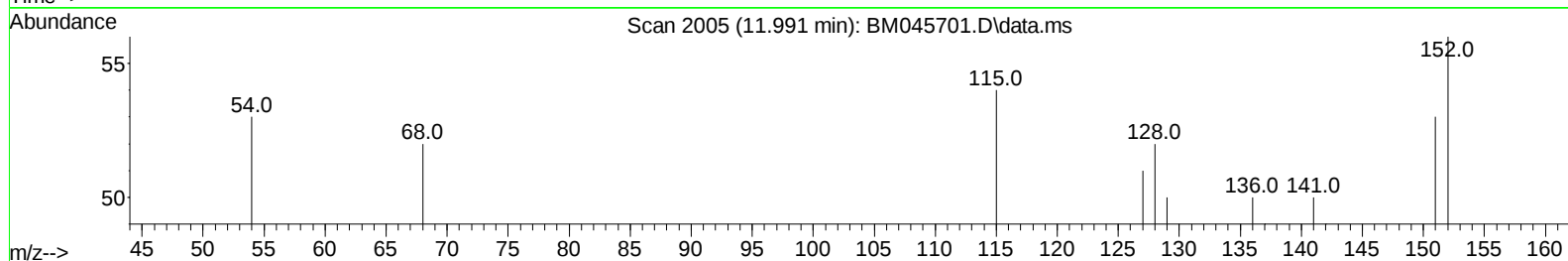
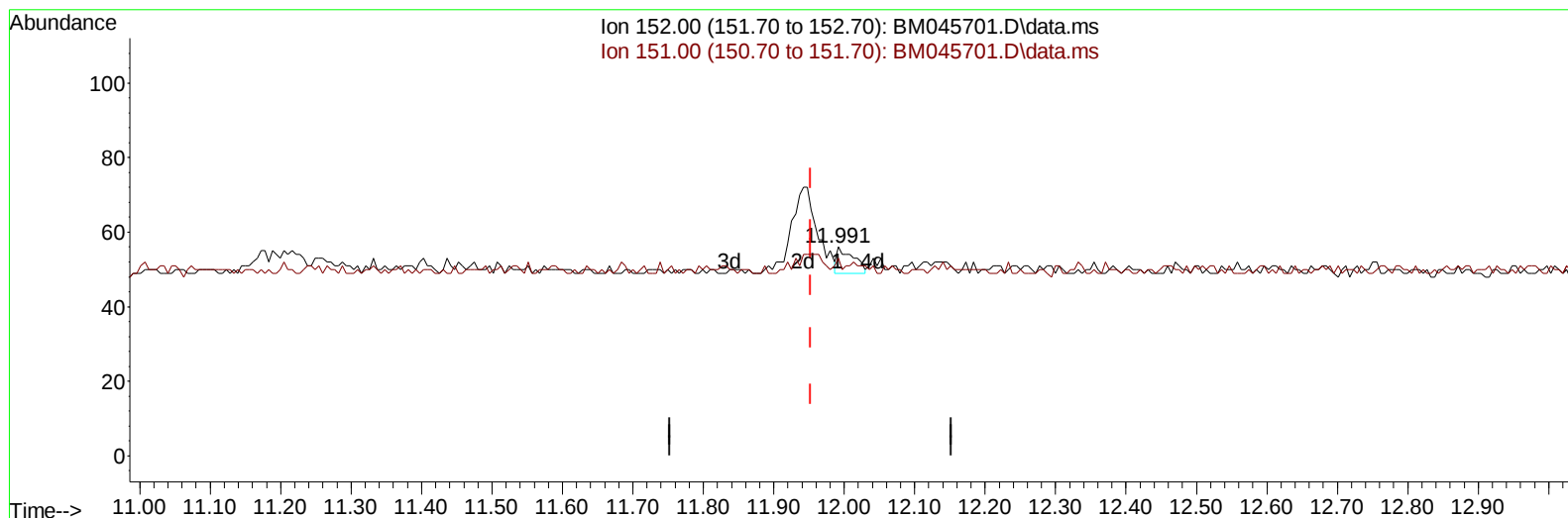
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA2DL

Manual IntegrationsAPPROVED

Quant Time: May 03 23:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BM045701.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.991min (+ 0.039) 0.01 ng/u1

response 11

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	18.40	18.18
0.00	0.00	0.00
0.00	0.00	0.00

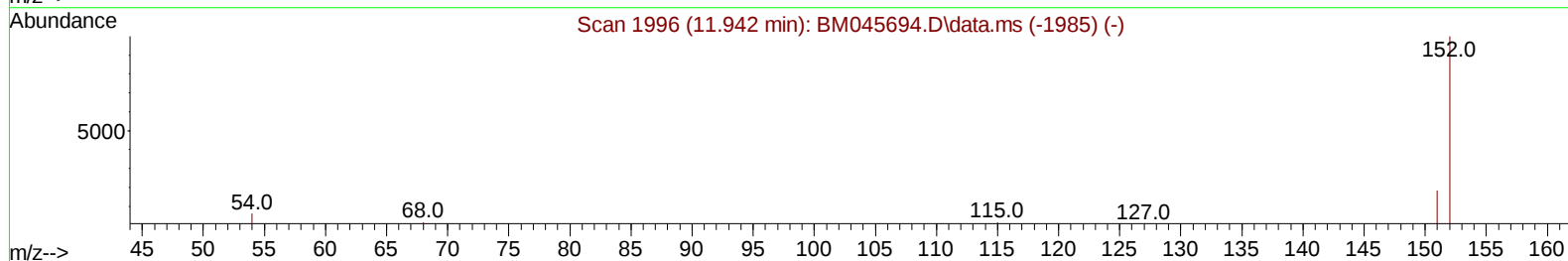
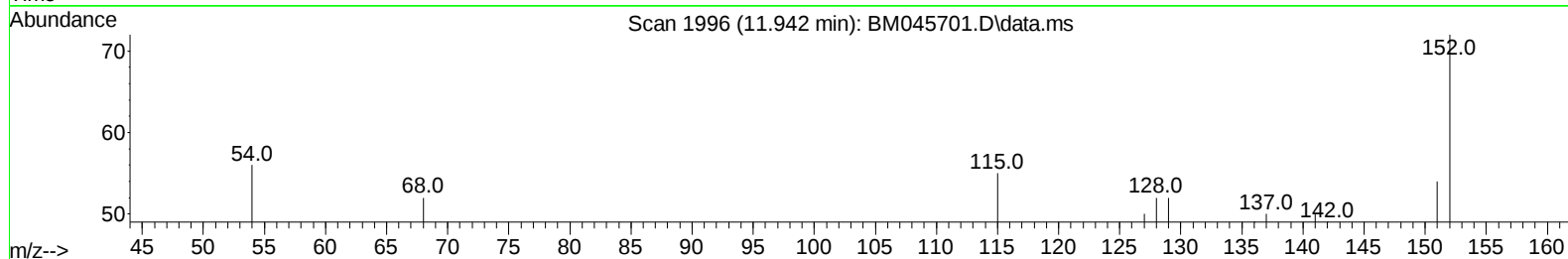
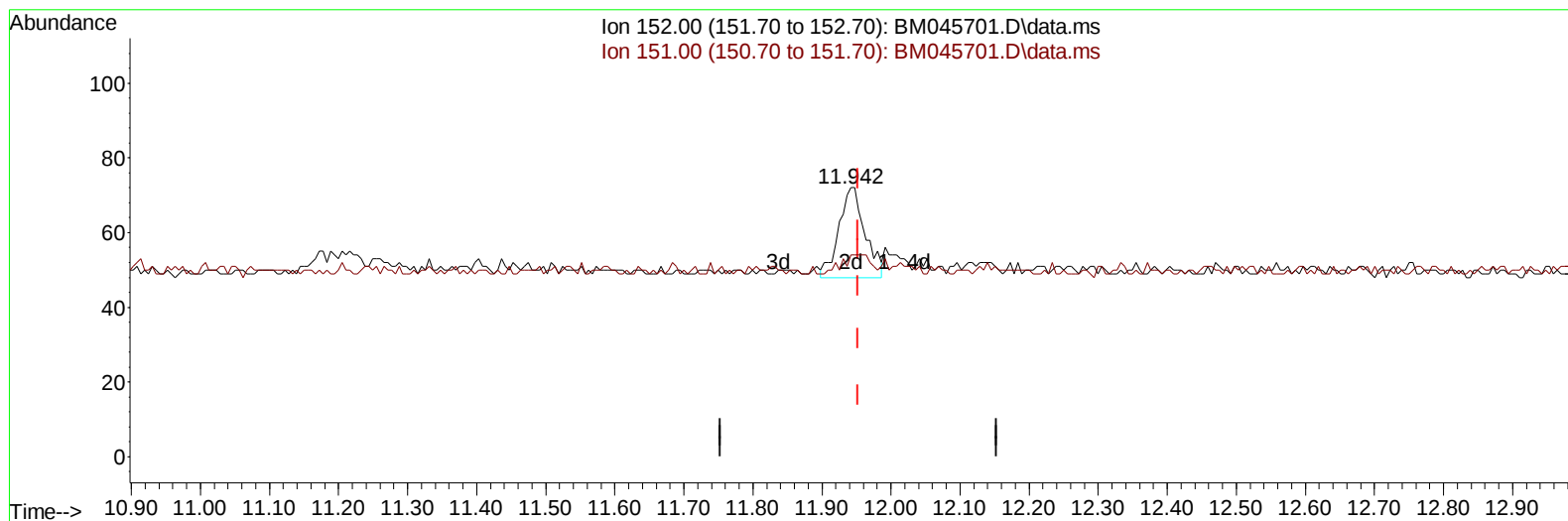
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
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TIC: BM045701.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.942min (-0.011) 0.04 ng/ul m

response 63

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	18.40	3.17#
0.00	0.00	0.00
0.00	0.00	0.00

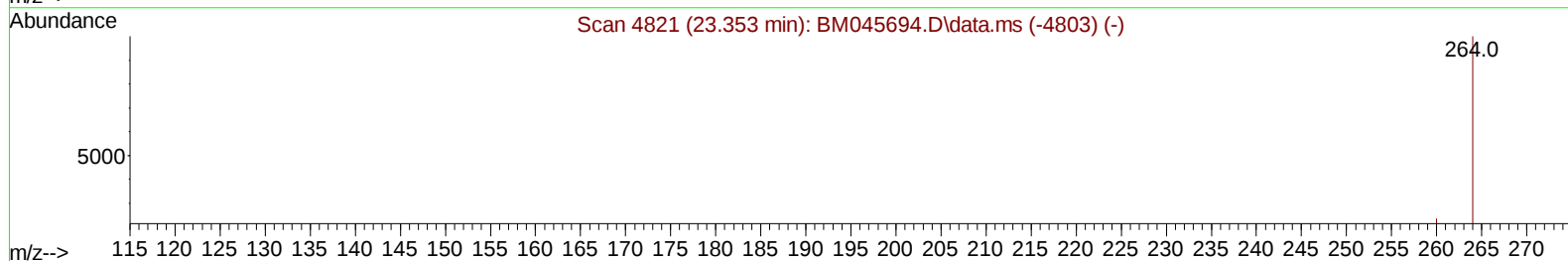
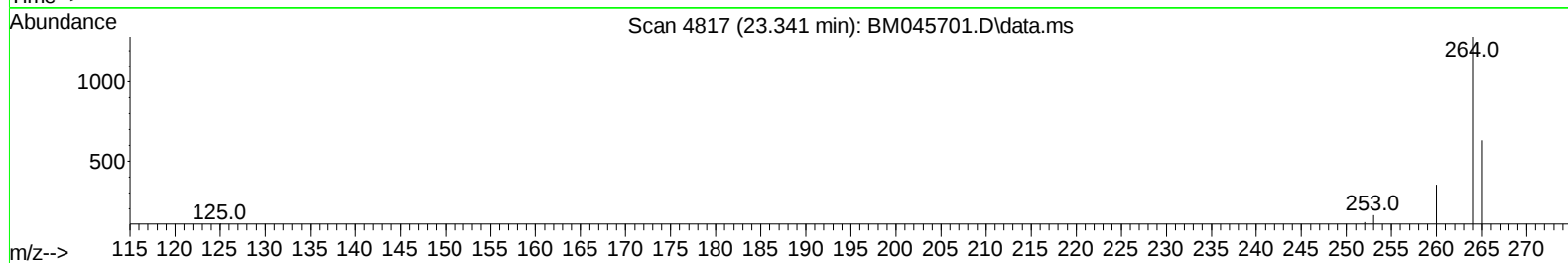
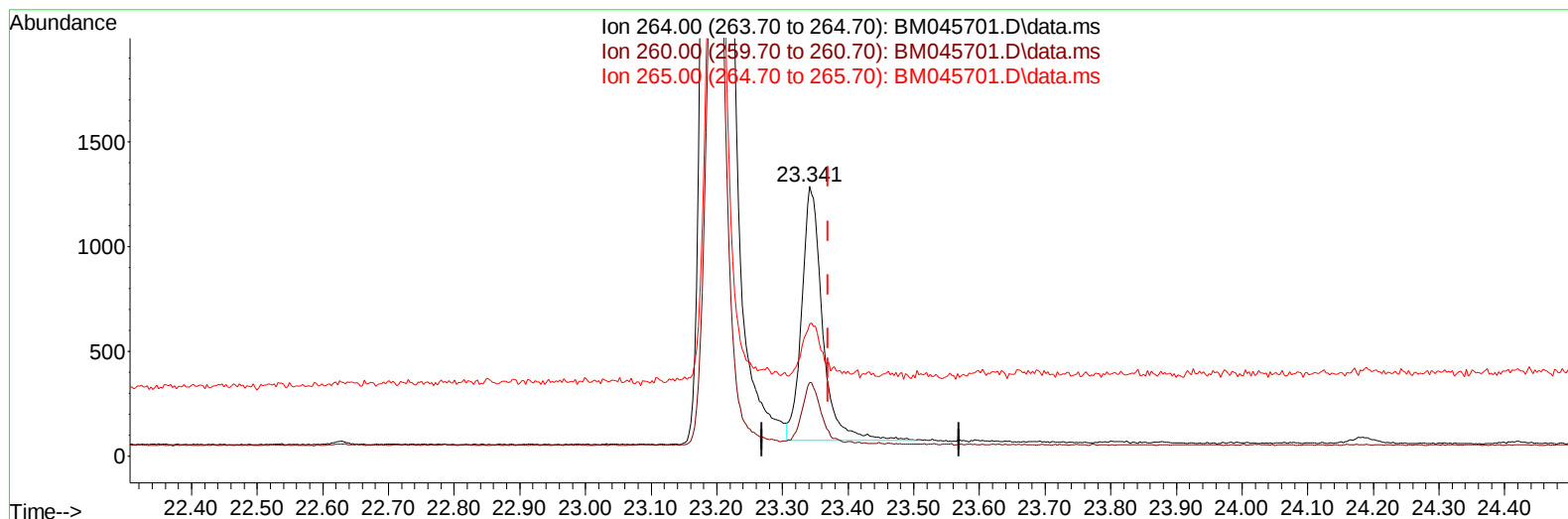
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Instrument :
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 ClientSampleId :
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TIC: BM045701.D\data.ms

(23) Perylene-d12 (I)

23.341min (-0.028) 0.40 ng/u1

response 2684

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	27.27
265.00	66.50	49.03#
0.00	0.00	0.00

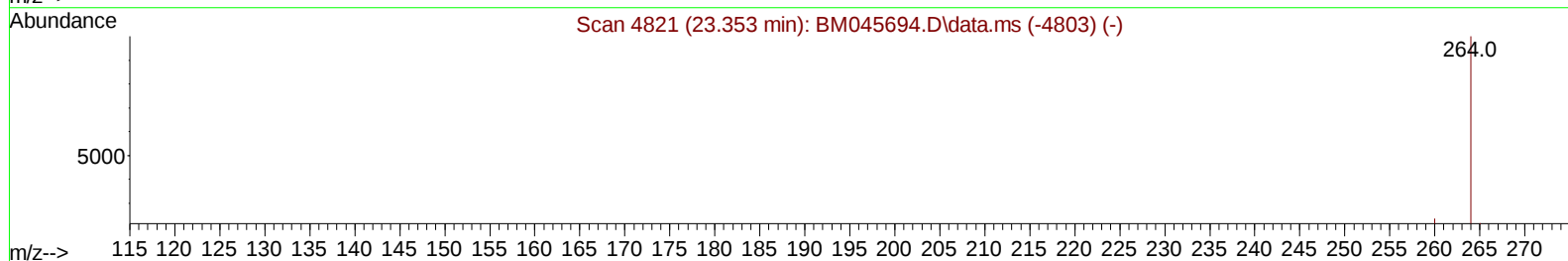
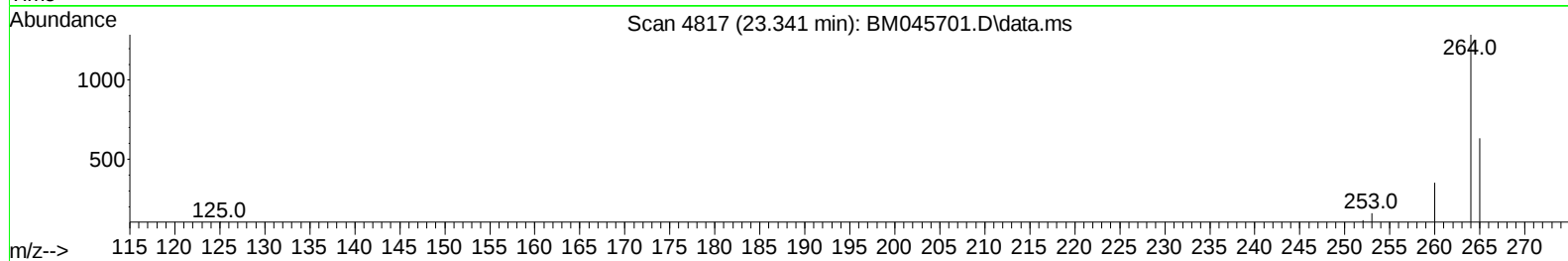
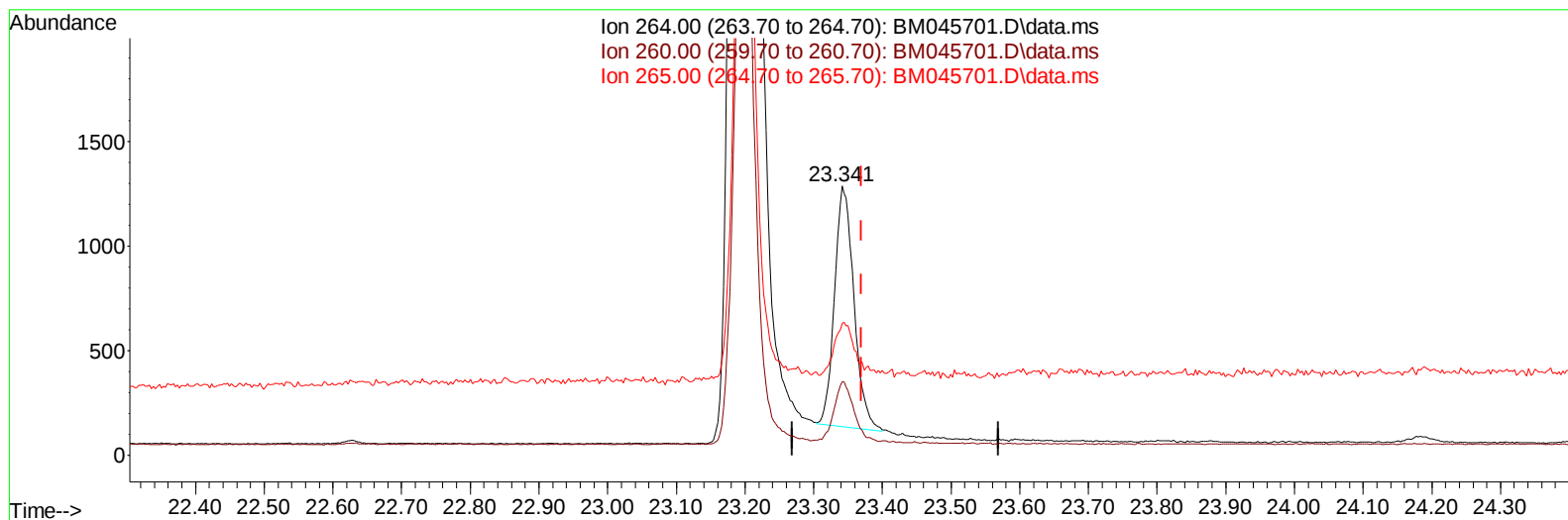
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA2DL

Manual IntegrationsAPPROVED

Quant Time: May 03 23:27:15 2024
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TIC: BM045701.D\data.ms

(23) Perylene-d12 (I)

23.341min (-0.028) 0.40 ng/ul m

response 2256

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	29.70	27.27
265.00	66.50	49.03#
0.00	0.00	0.00

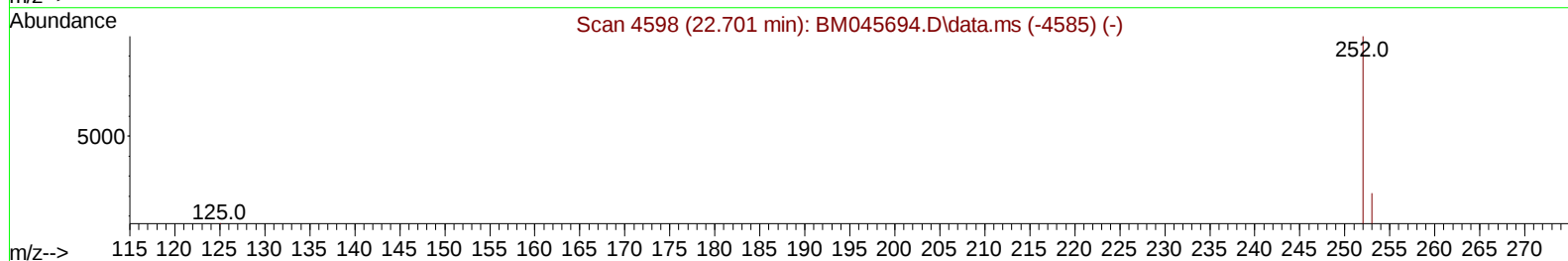
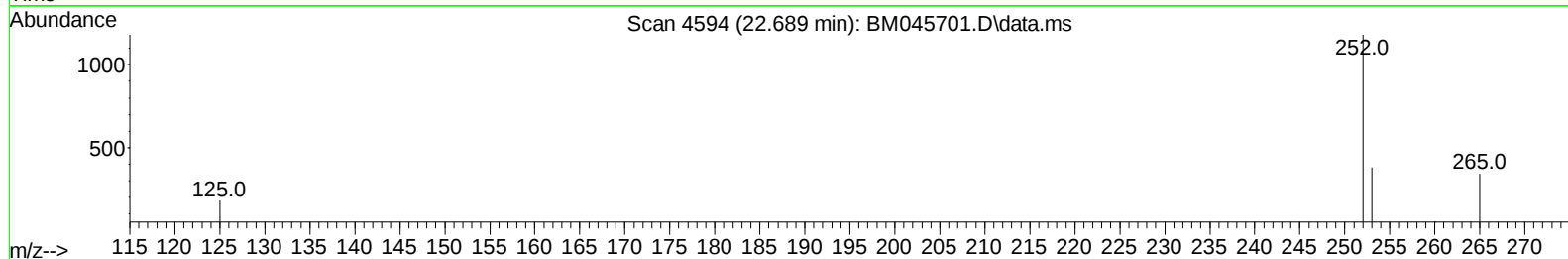
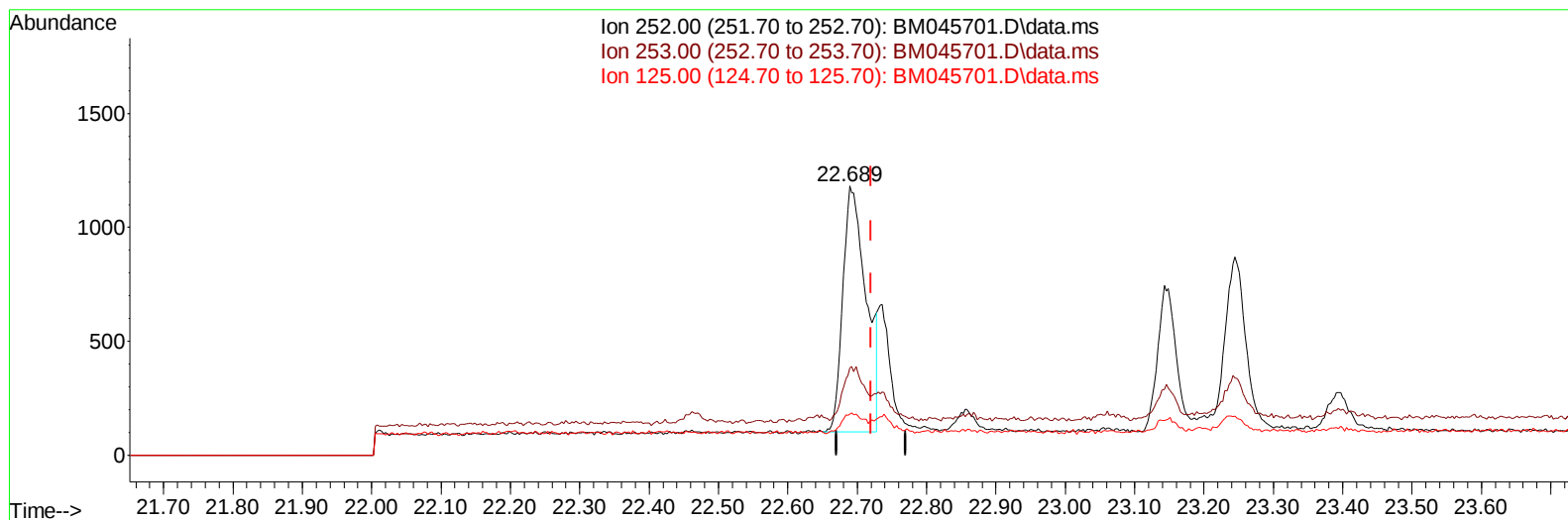
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2024
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Quant Time: May 03 23:27:15 2024
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TIC: BM045701.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (-0.031) 0.40 ng/u1

response 2503

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	32.43
125.00	14.00	15.33
0.00	0.00	0.00

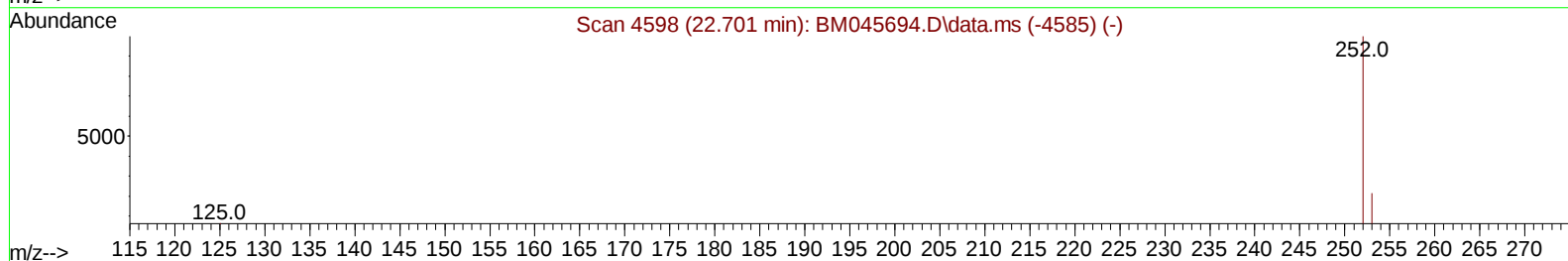
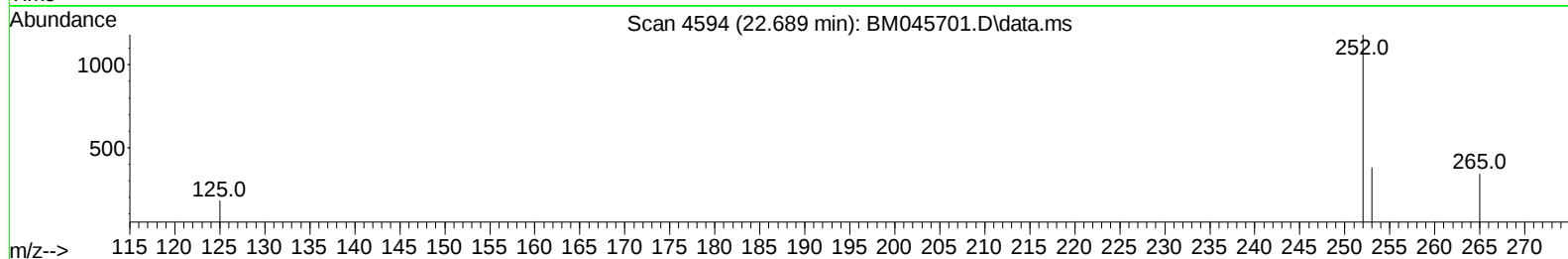
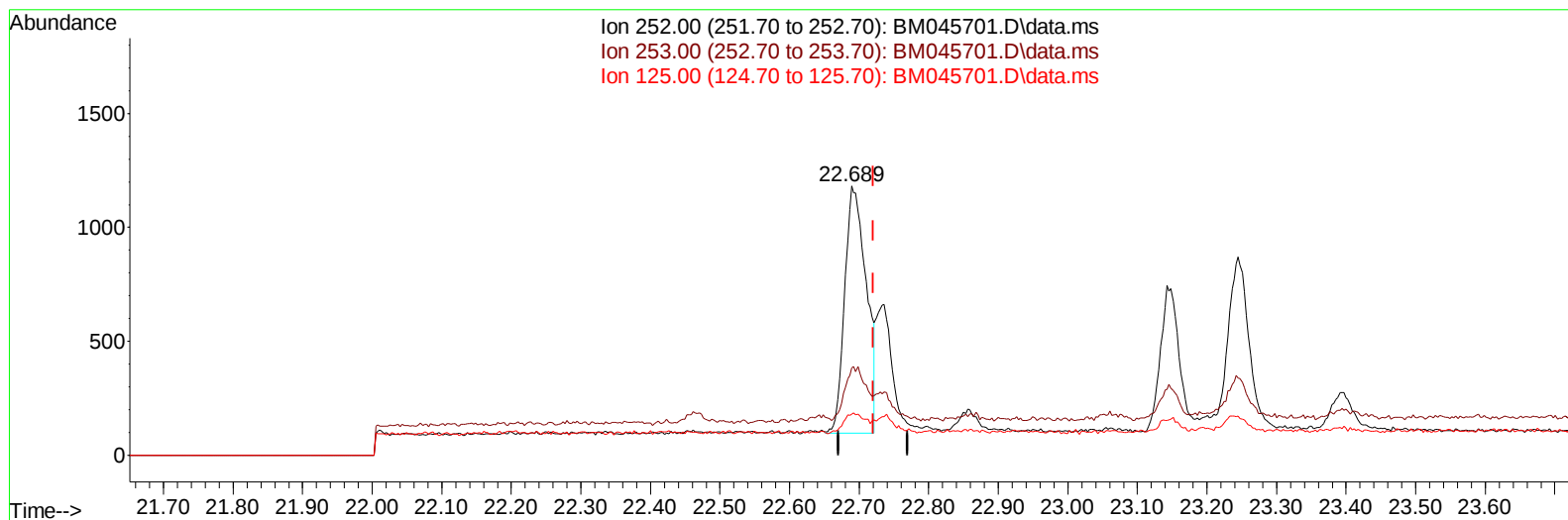
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045701.D
 Acq On : 03 May 2024 18:17
 Operator : MA/JU
 Sample : P2234-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA2DL

Manual IntegrationsAPPROVED

Quant Time: May 03 23:27:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
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 QLast Update : Fri May 03 03:27:04 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/06/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BM045701.D\data.ms

(24) Benzo(b)fluoranthene

22.689min (-0.031) 0.37 ng/ul m

response 2345

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.60	32.43
125.00	14.00	15.33
0.00	0.00	0.00

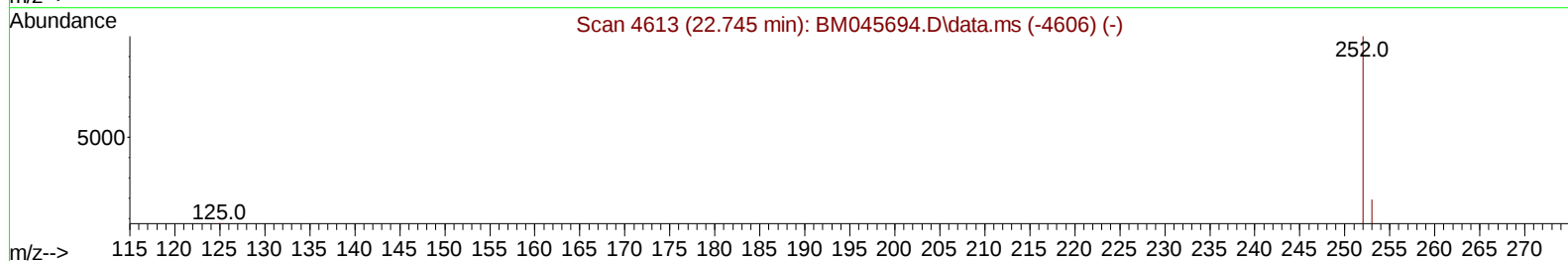
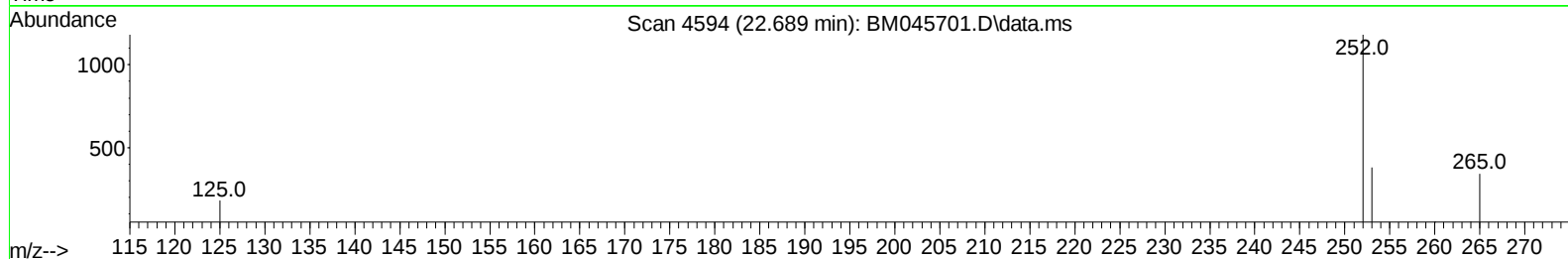
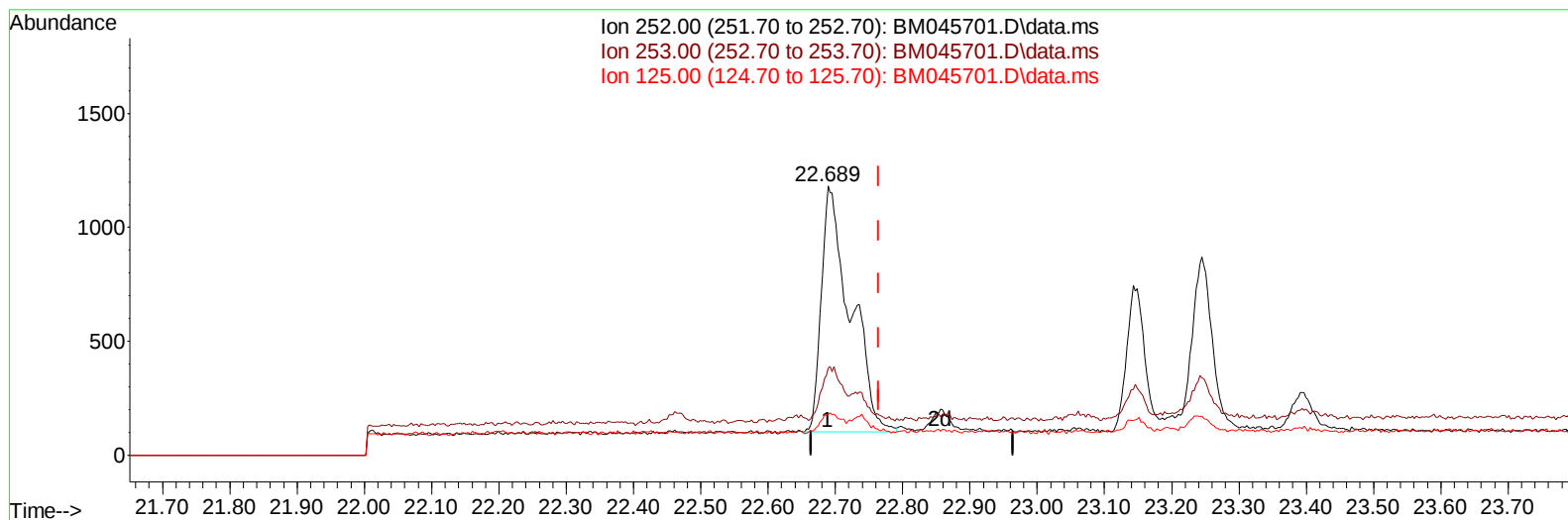
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Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA2DL

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TIC: BM045701.D\data.ms

(25) Benzo(k)fluoranthene

22.689min (-0.075) 0.41 ng/u1

response 3222

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	32.43
125.00	14.90	15.33
0.00	0.00	0.00

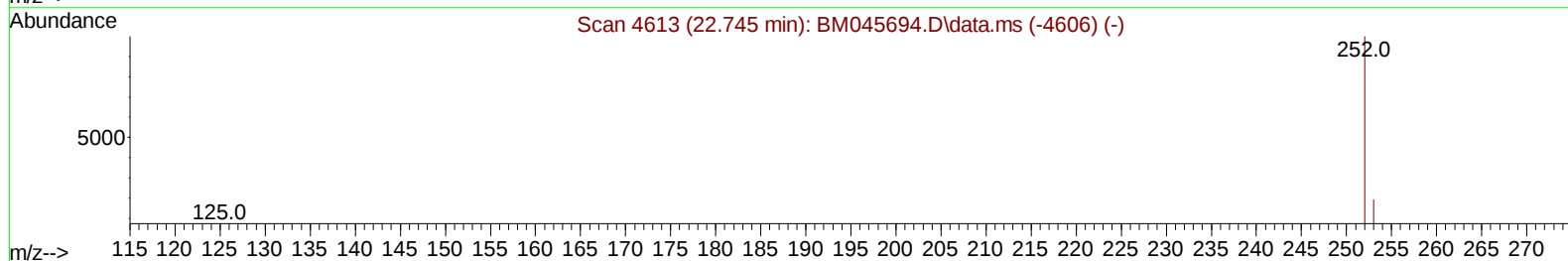
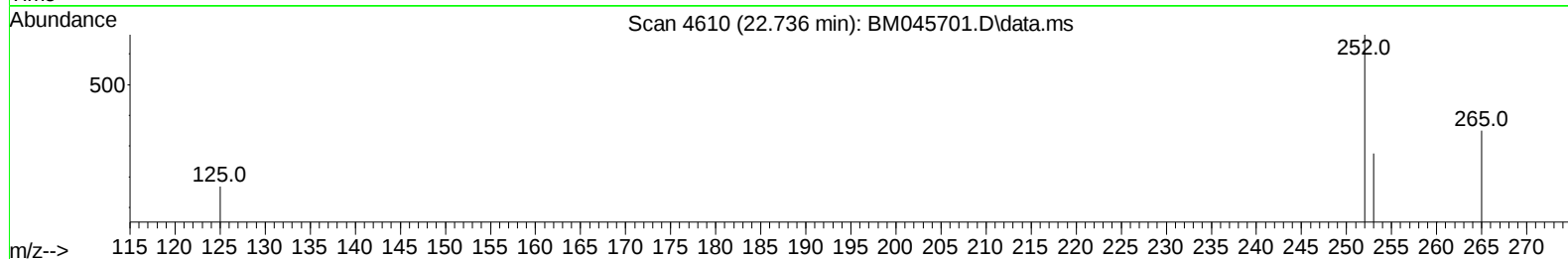
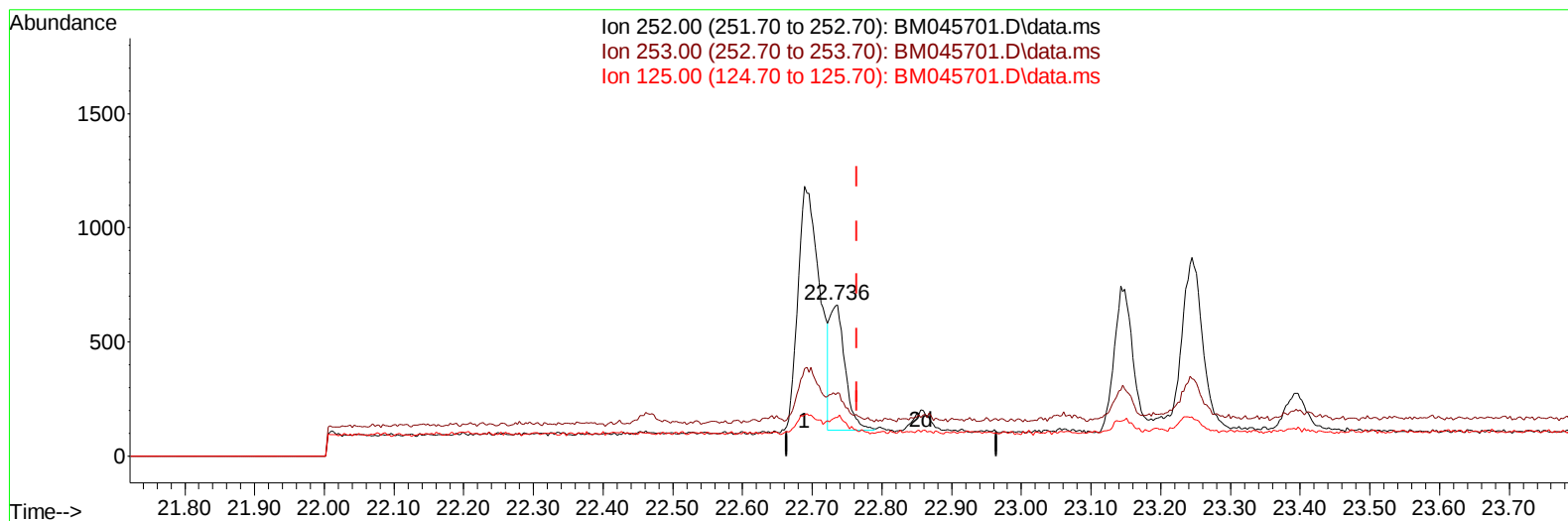
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045701.D
Acq On : 03 May 2024 18:17
Operator : MA/JU
Sample : P2234-02DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0SA2DL

Manual IntegrationsAPPROVED

Quant Time: May 03 23:27:15 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 05/06/2024
Supervised By :mohammad ahmed 05/06/2024



TIC: BM045701.D\data.ms

(25) Benzo(k)fluoranthene

22.736min (-0.028) 0.11 ng/u1 m

response 851

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.70	41.84#
125.00	14.90	25.38#
0.00	0.00	0.00

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 Data File : BM045701.D
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 Operator : MA/JU
 Sample : P2234-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA2DL

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.526	152		348	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.303	136		988	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.177	164		662	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.942	188		1567	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.170	240		1705	0.400	ng/ul	-0.02
23) Perylene-d12	23.341	264		2256m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.150	96		257	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152		63m	0.040	ng/ul	-0.01
18) Fluoranthene-d10	18.983	212		209	0.049	ng/ul	-0.03
Target Compounds							
							Qvalue
15) Phenanthrene	16.984	178		1193	0.307	ng/ul	95
19) Fluoranthene	19.015	202		3050	0.563	ng/ul#	89
20) Pyrene	19.378	202		2727	0.473	ng/ul#	92
21) Benzo(a)anthracene	21.158	228		934	0.188	ng/ul	95
22) Chrysene	21.205	228		1451	0.206	ng/ul	99
24) Benzo(b)fluoranthene	22.689	252		2345m	0.373	ng/ul	
25) Benzo(k)fluoranthene	22.736	252		851m	0.109	ng/ul	
26) Benzo(a)pyrene	23.245	252		1493	0.214	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.528	276		1443	0.150	ng/ul#	62
28) Dibenzo(a,h)anthracene	25.548	278		287	0.037	ng/ul#	34
29) Benzo(g,h,i)perylene	26.182	276		1493	0.176	ng/ul	97

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

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