

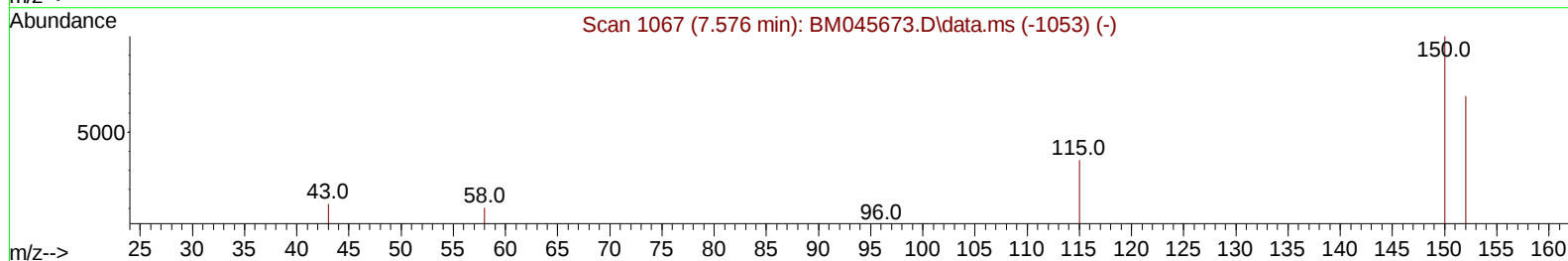
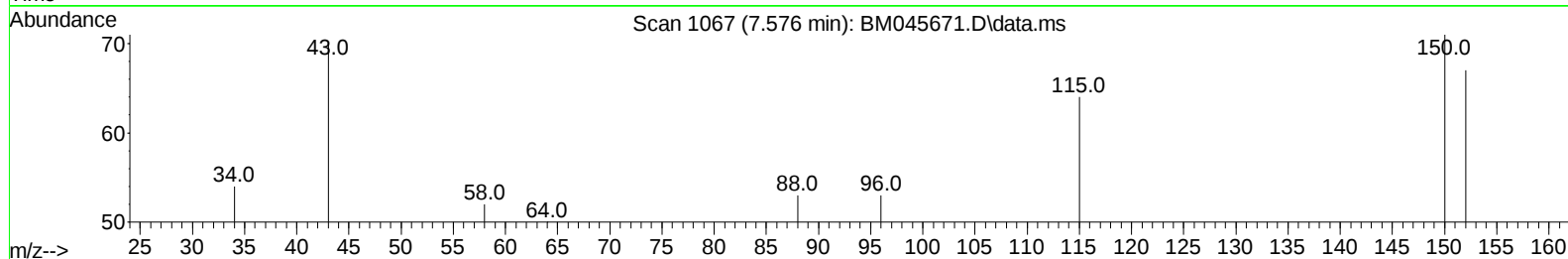
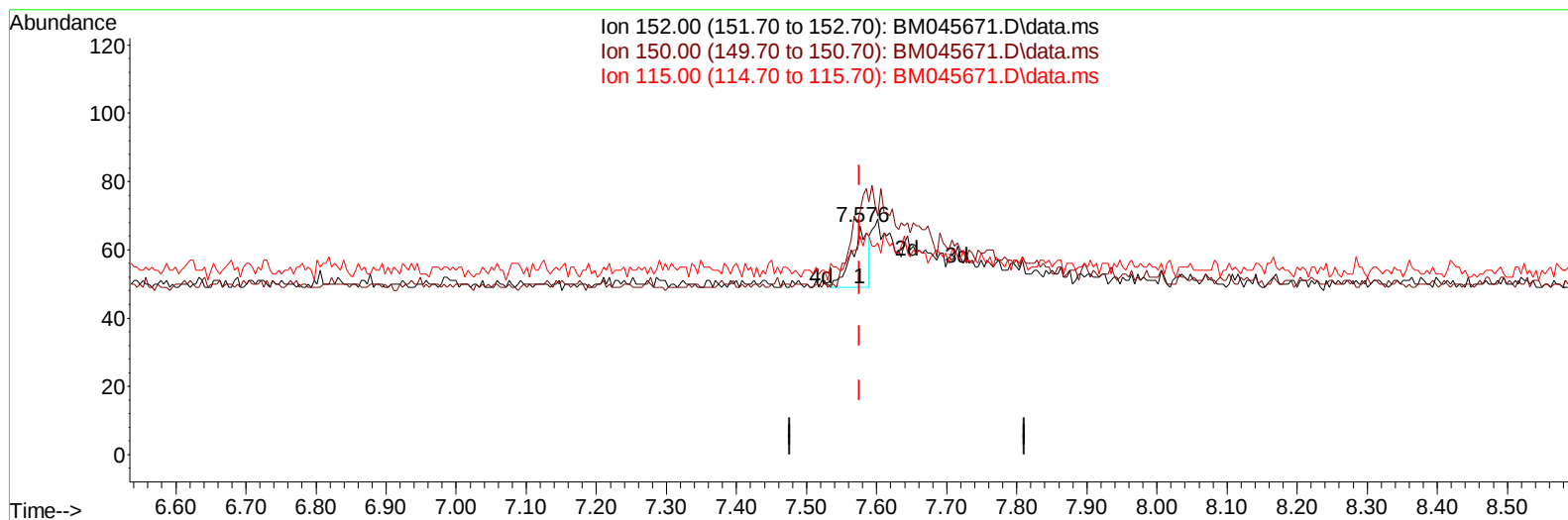
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045671.D
 Acq On : 02 May 2024 16:53
 Operator : MA/JU
 Sample : SST0.127
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Manual IntegrationsAPPROVED

Quant Time: May 03 03:15:49 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 03:08:58 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BM045671.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.576min (+ 0.000) 0.40 ng/u1

response 30

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	120.70	105.97
115.00	89.00	95.52
0.00	0.00	0.00

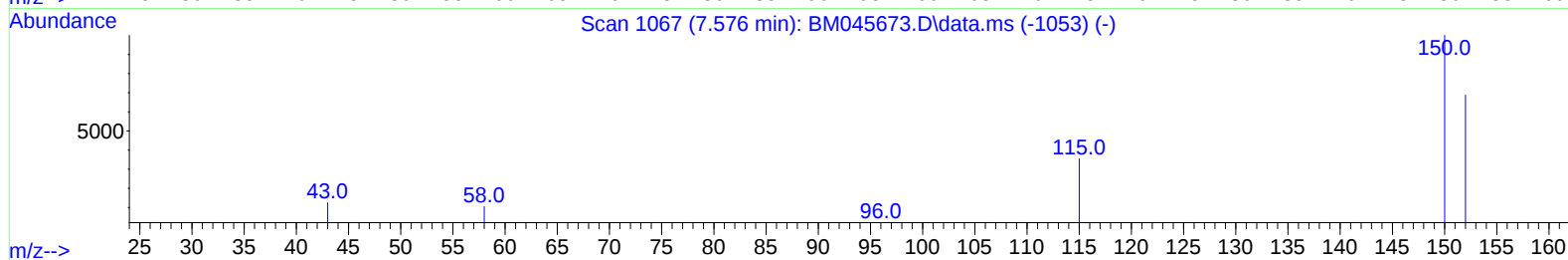
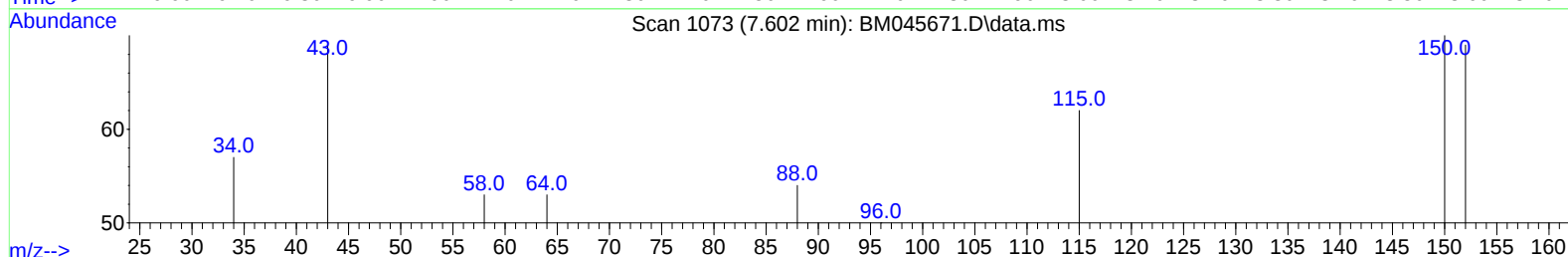
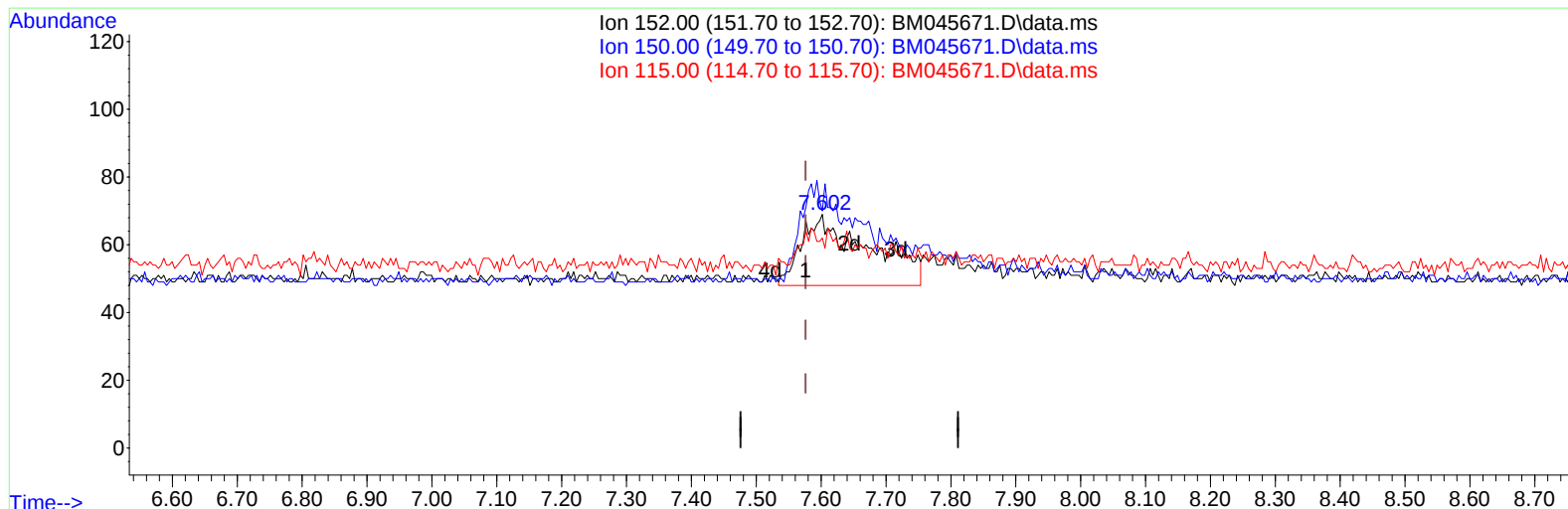
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045671.D
 Acq On : 02 May 2024 16:53
 Operator : MA/JU
 Sample : SST00.127
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00.1036

Manual IntegrationsAPPROVED

Quant Time: May 03 03:15:49 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 03:08:58 2024
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Reviewed By :Yogesh Patel 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024



TIC: BM045671.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.602min (+ 0.026) 0.40 ng/ul m

response 149

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	120.70	101.45
115.00	89.00	89.86
0.00	0.00	0.00

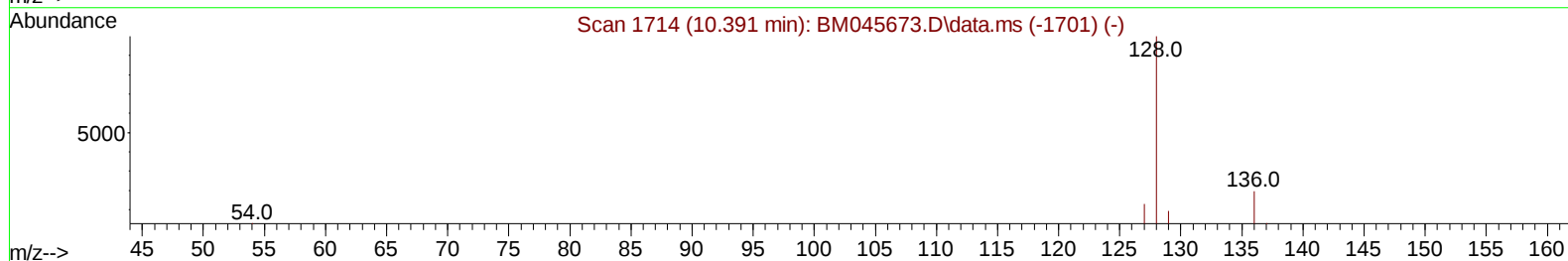
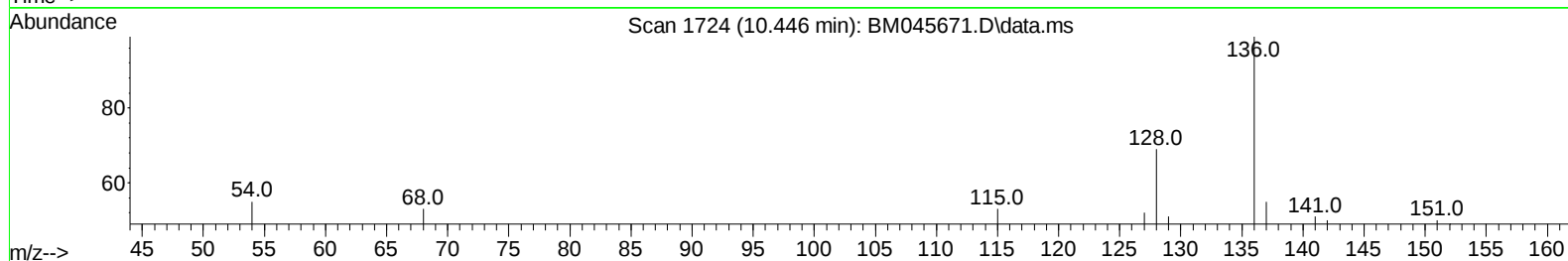
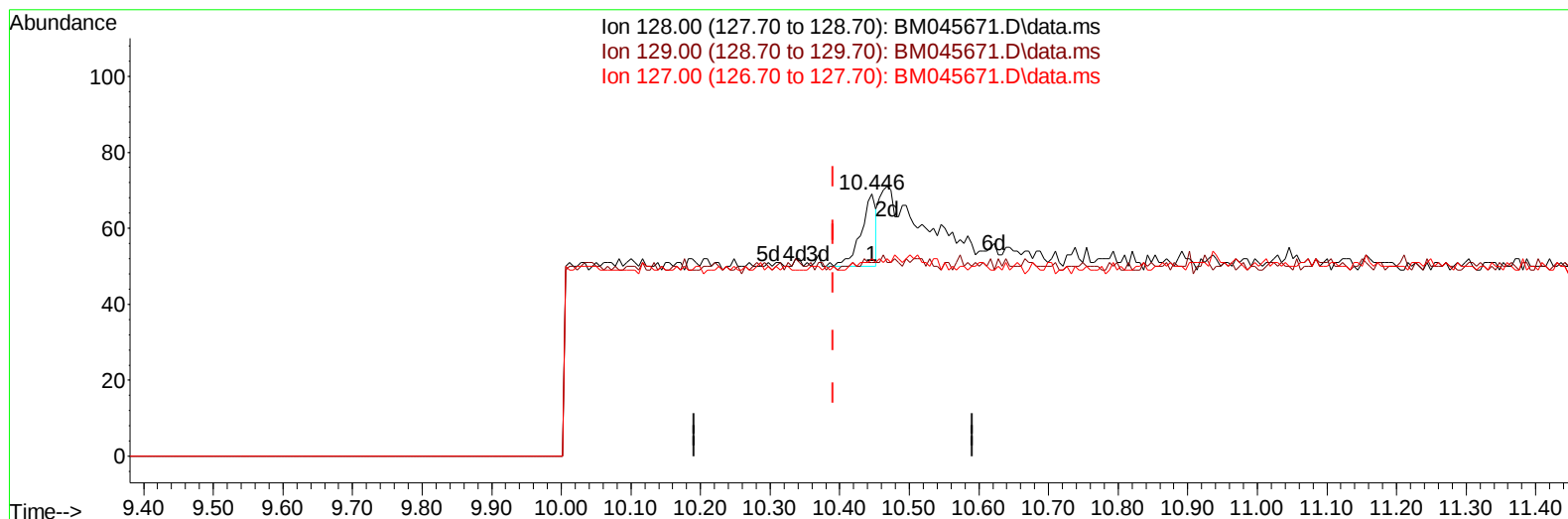
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045671.D
 Acq On : 02 May 2024 16:53
 Operator : MA/JU
 Sample : SSTDO.127
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDO.1036

Manual IntegrationsAPPROVED

Quant Time: May 03 03:15:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
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TIC: BM045671.D\data.ms

(5) Naphthalene

10.446min (+ 0.055) 0.02 ng/u1

response 29

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	32.80	73.91#
127.00	34.30	75.36#
0.00	0.00	0.00

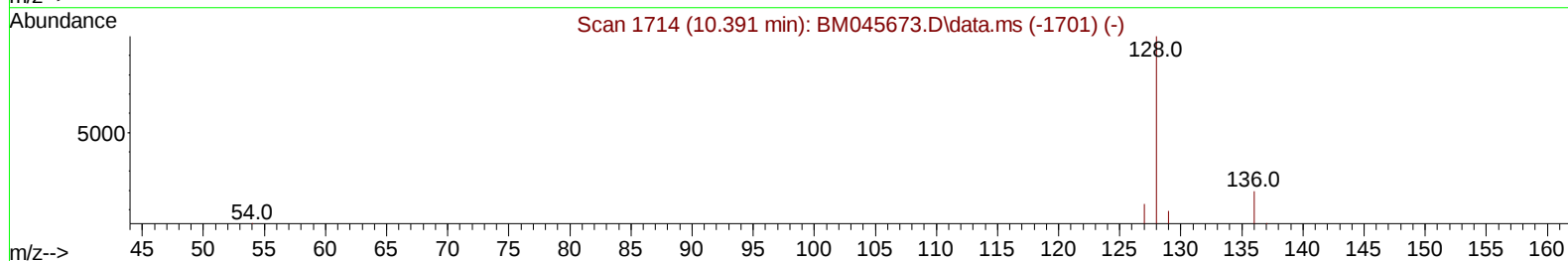
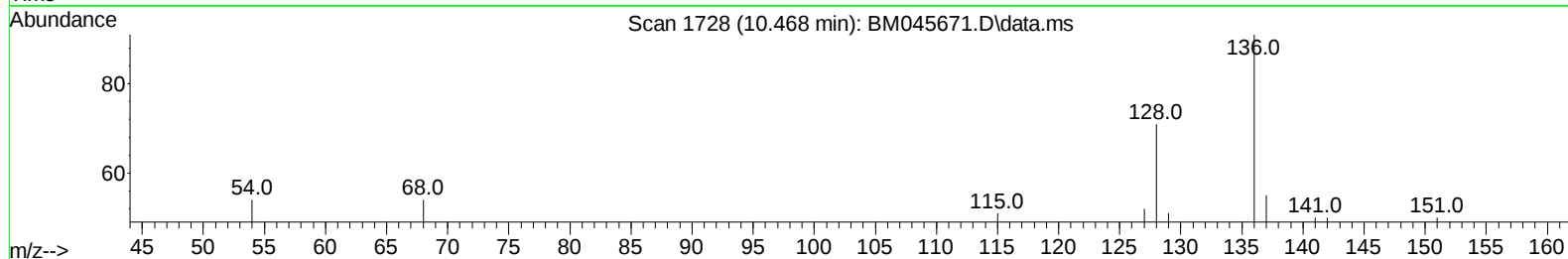
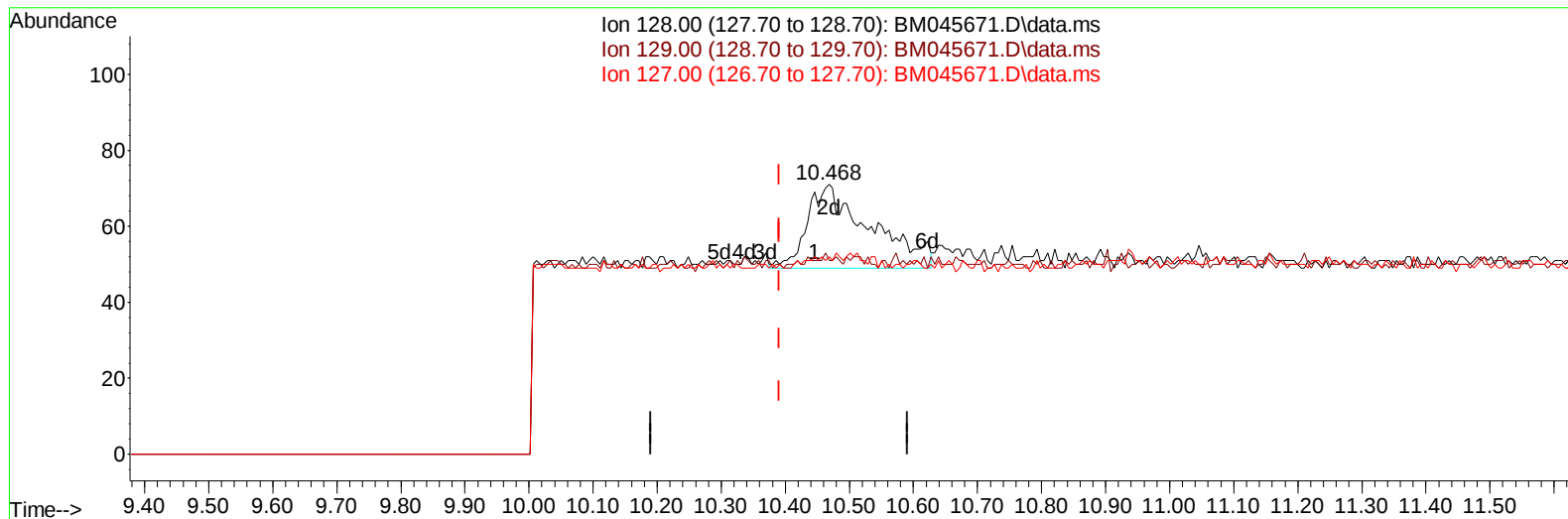
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST0.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SST0.1036

Manual IntegrationsAPPROVED

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TIC: BM045671.D\data.ms

(5) Naphthalene

10.468min (+ 0.077) 0.11 ng/ul m

response 149

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	32.80	71.83#
127.00	34.30	73.24#
0.00	0.00	0.00

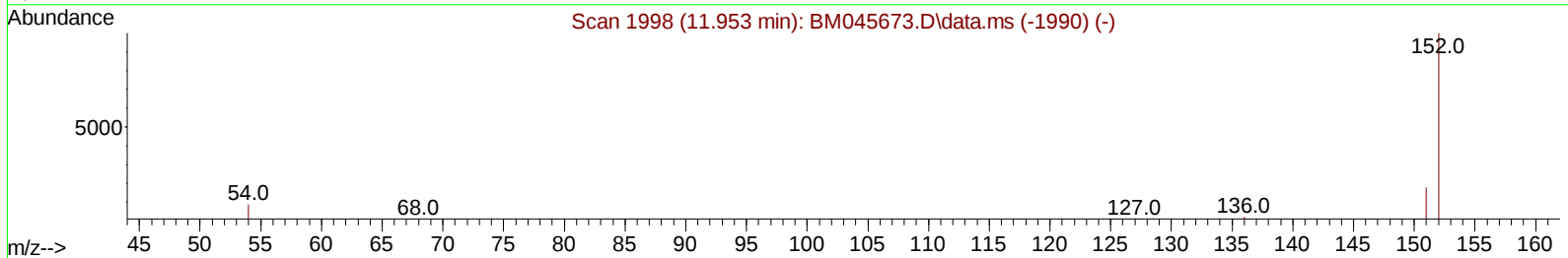
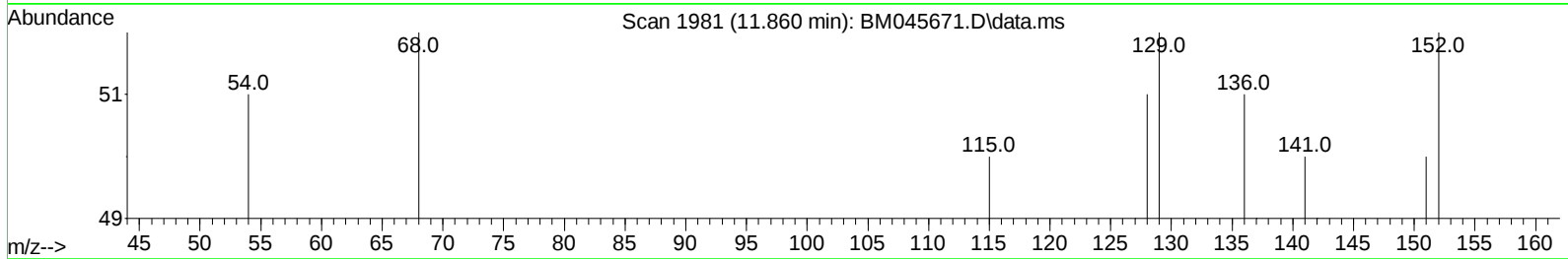
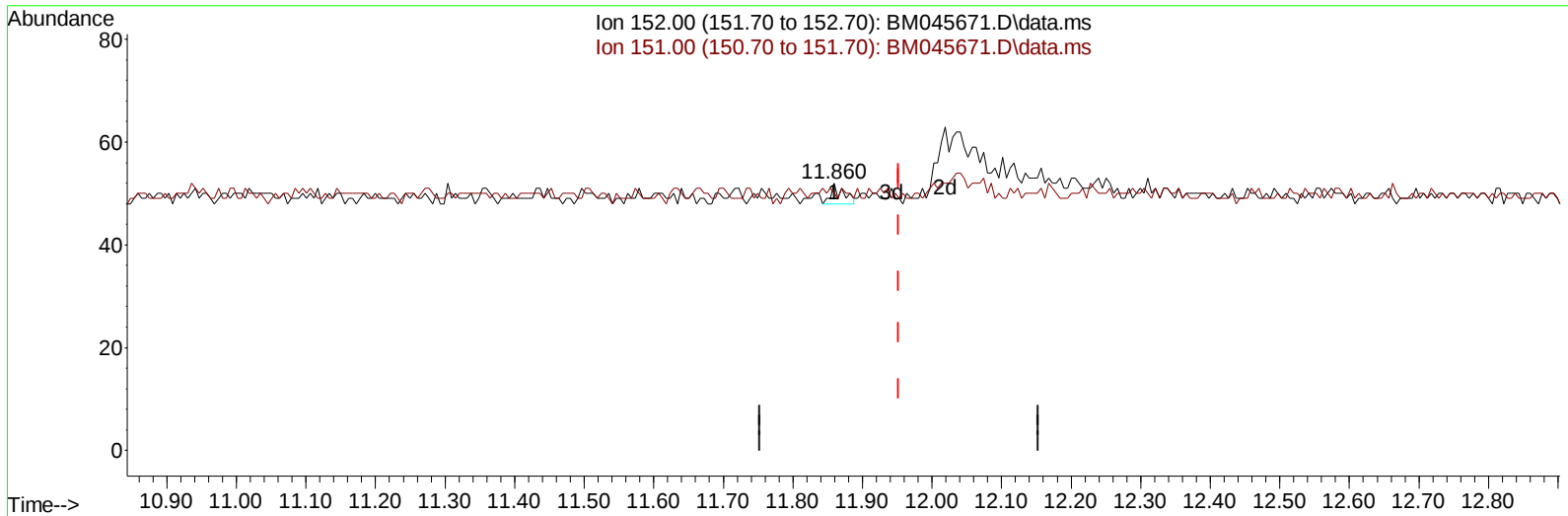
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SSTDO.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Manual IntegrationsAPPROVED

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TIC: BM045671.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.860min (-0.093) 0.01 ng/u1

response	5	
Ion	Exp%	Act%
152.00	100.00	100.00
151.00	18.40	20.00
0.00	0.00	0.00
0.00	0.00	0.00

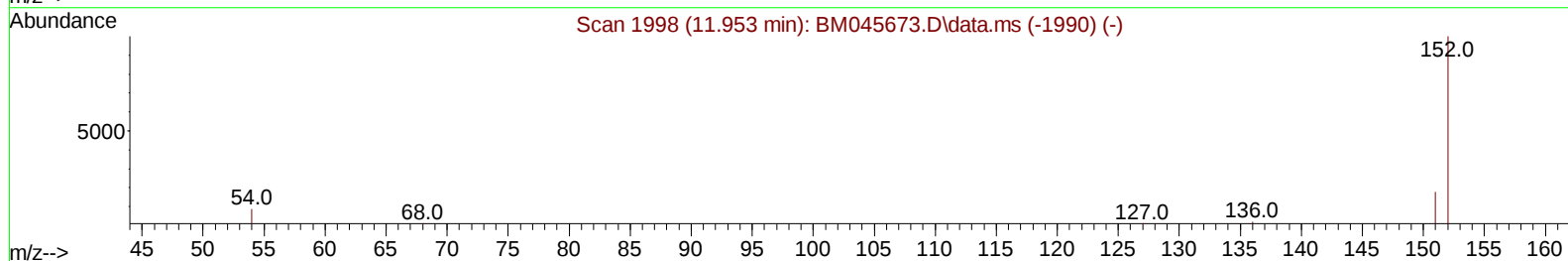
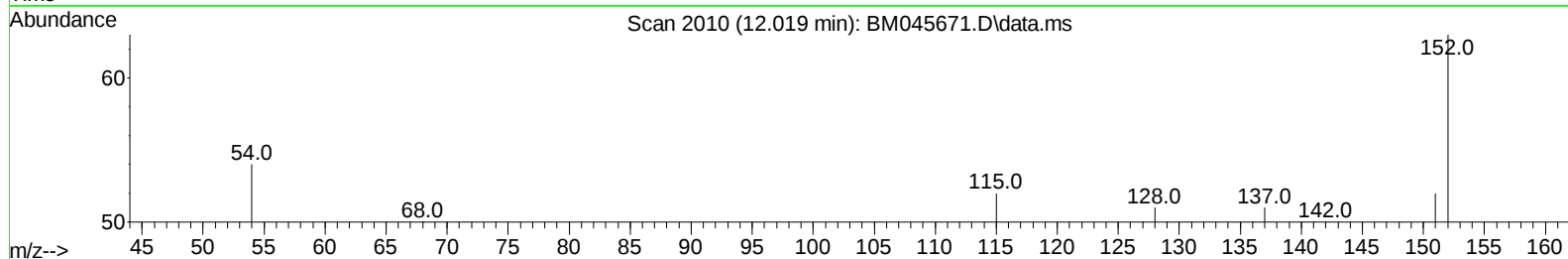
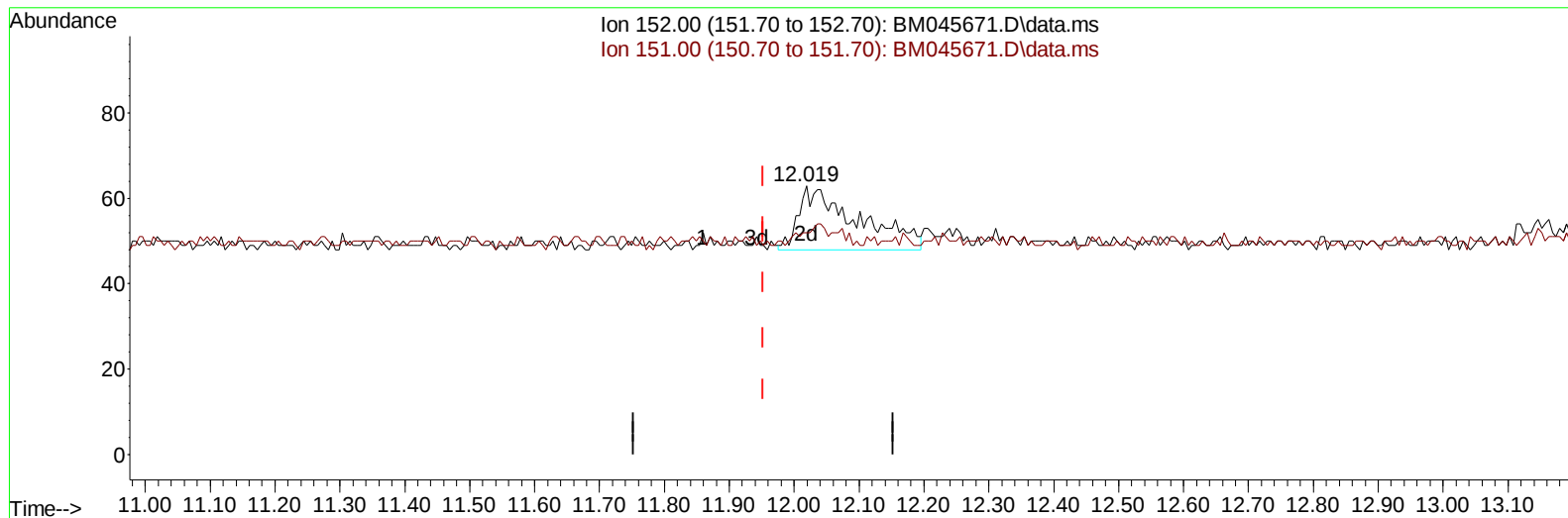
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST00.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Manual IntegrationsAPPROVED

Quant Time: May 03 03:15:49 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 03:08:58 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 05/06/2024



TIC: BM045671.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.019min (+ 0.066) 0.13 ng/u1 m

response 92

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	18.40	1.09#
0.00	0.00	0.00
0.00	0.00	0.00

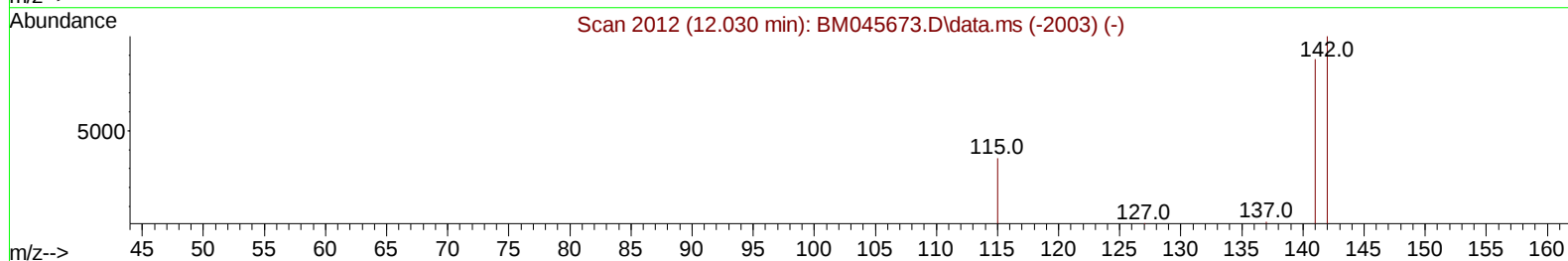
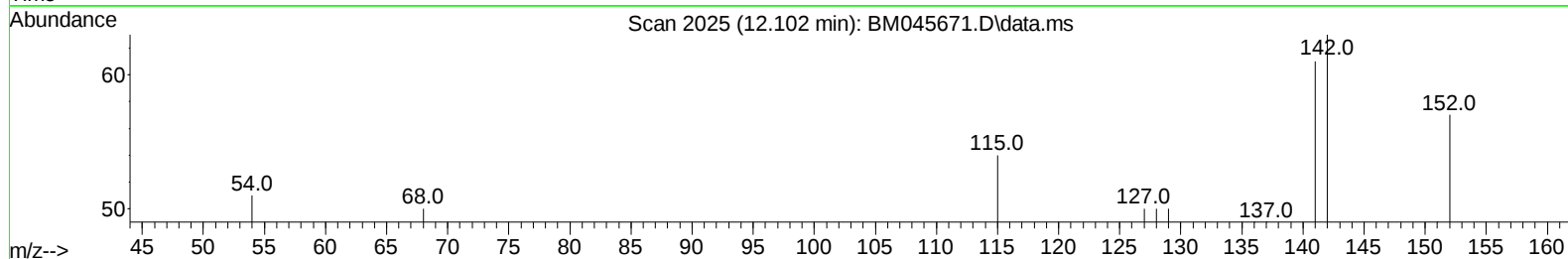
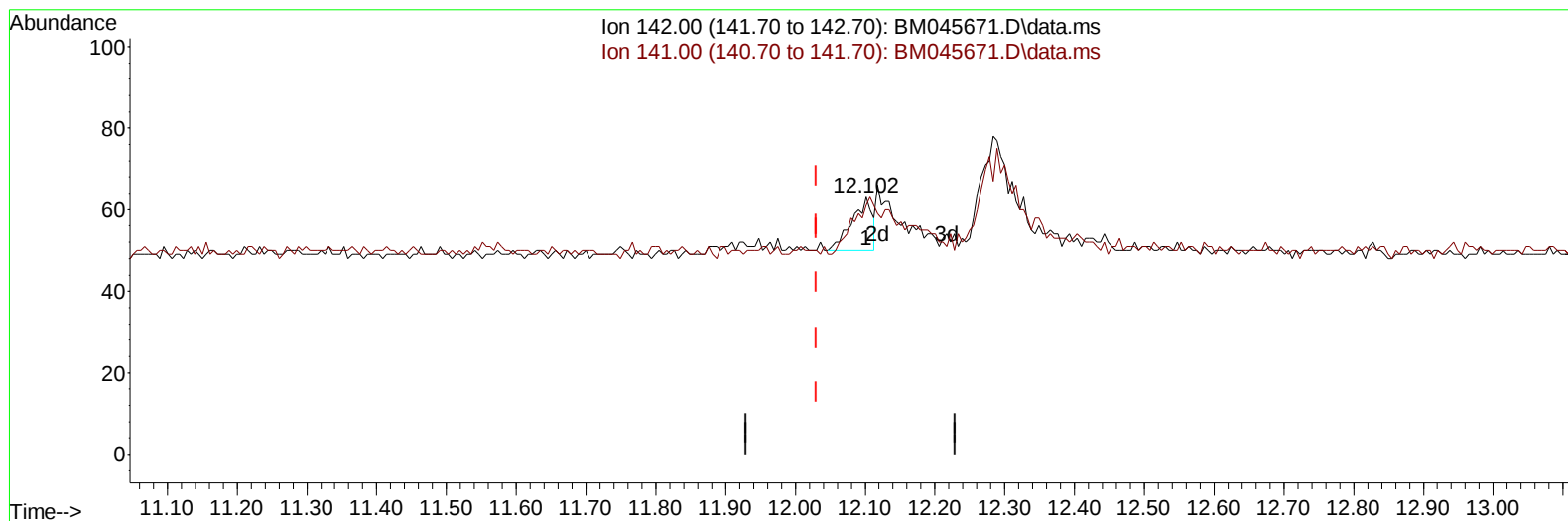
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST00.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Manual IntegrationsAPPROVED

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TIC: BM045671.D\data.ms

(7) 2-Methylnaphthalene

12.102min (+ 0.072) 0.03 ng/u1

response 26

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	96.10	273.08#
0.00	0.00	0.00
0.00	0.00	0.00

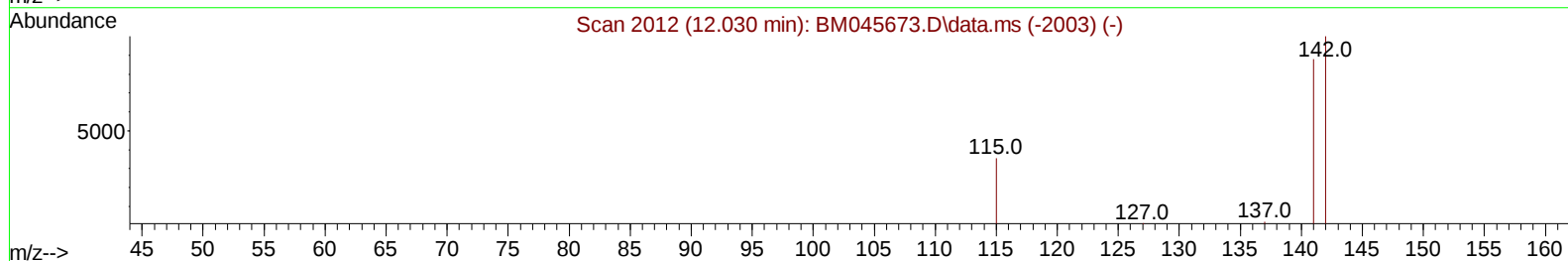
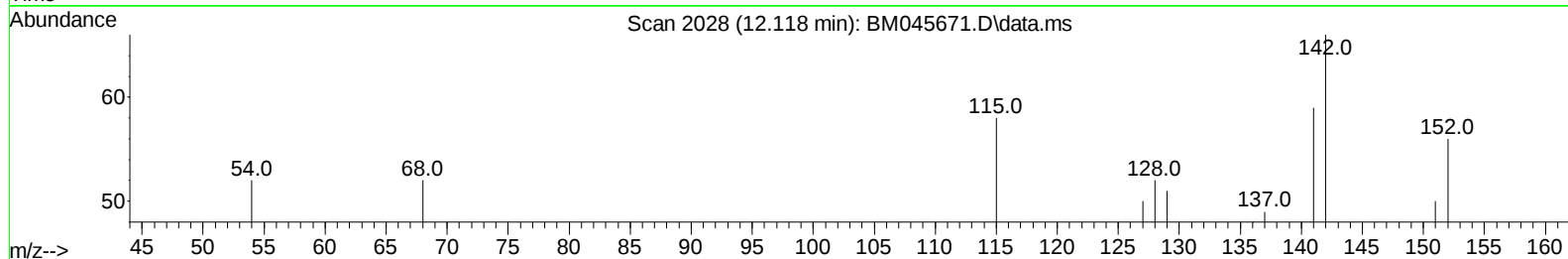
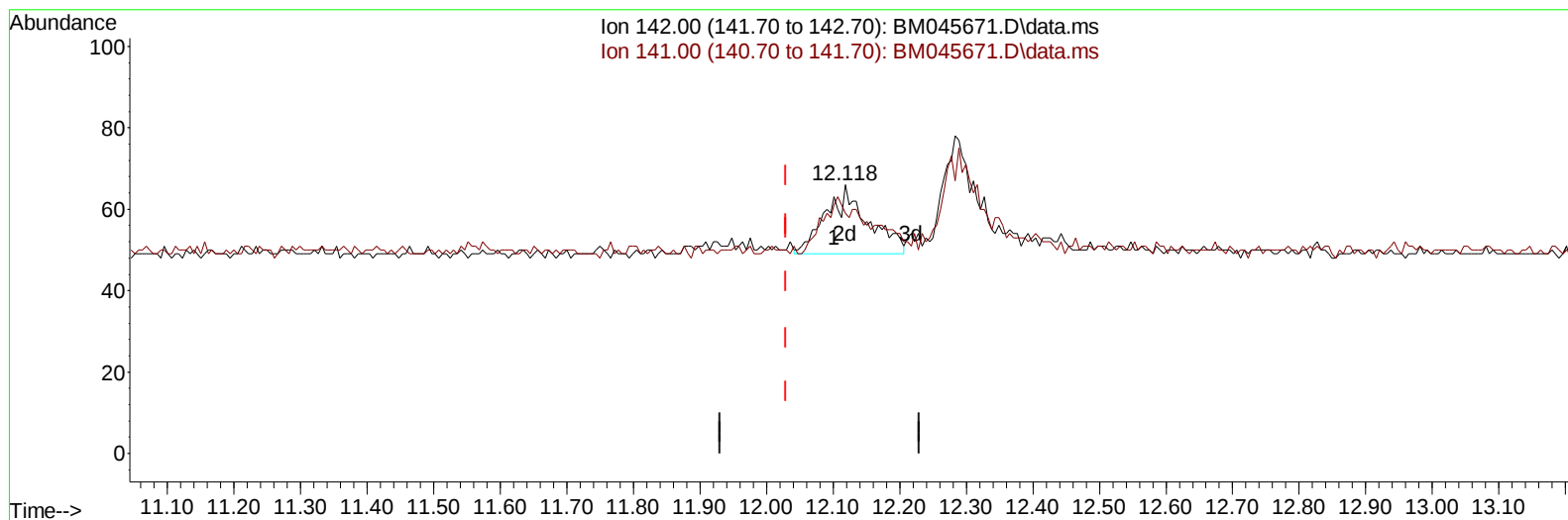
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST00.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 03:15:49 2024
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TIC: BM045671.D\data.ms

(7) 2-Methylnaphthalene

12.118min (+ 0.088) 0.10 ng/ul m

response 74

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	96.10	95.95
0.00	0.00	0.00
0.00	0.00	0.00

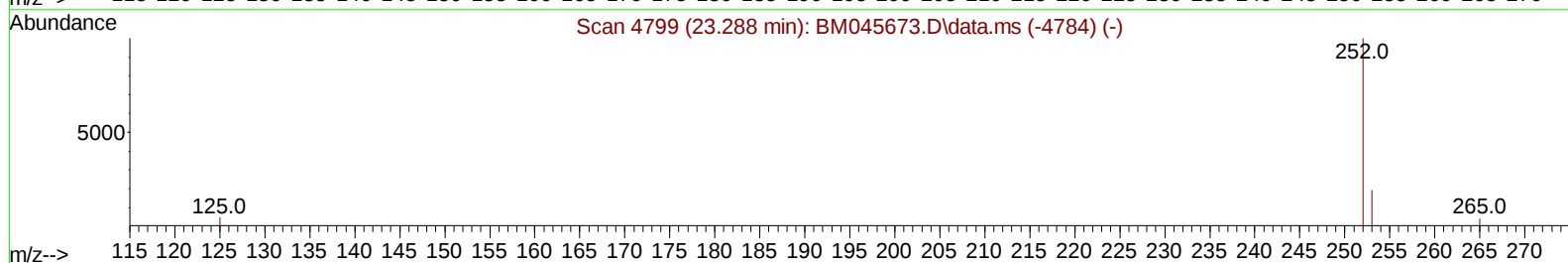
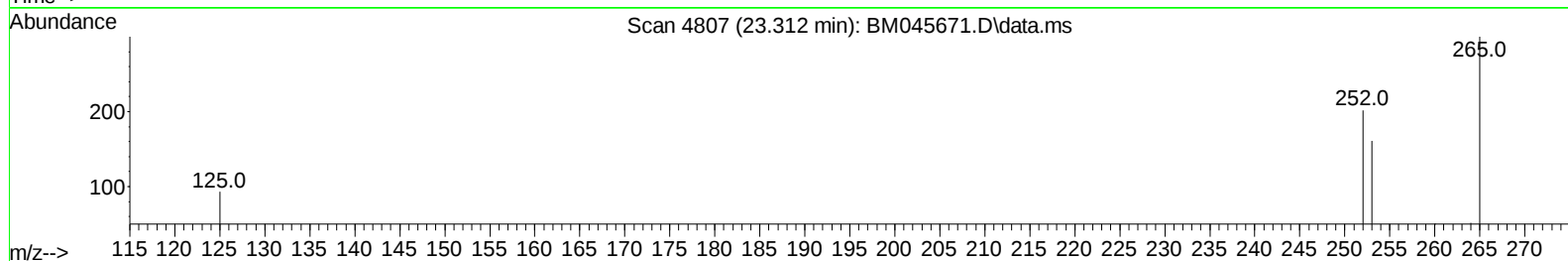
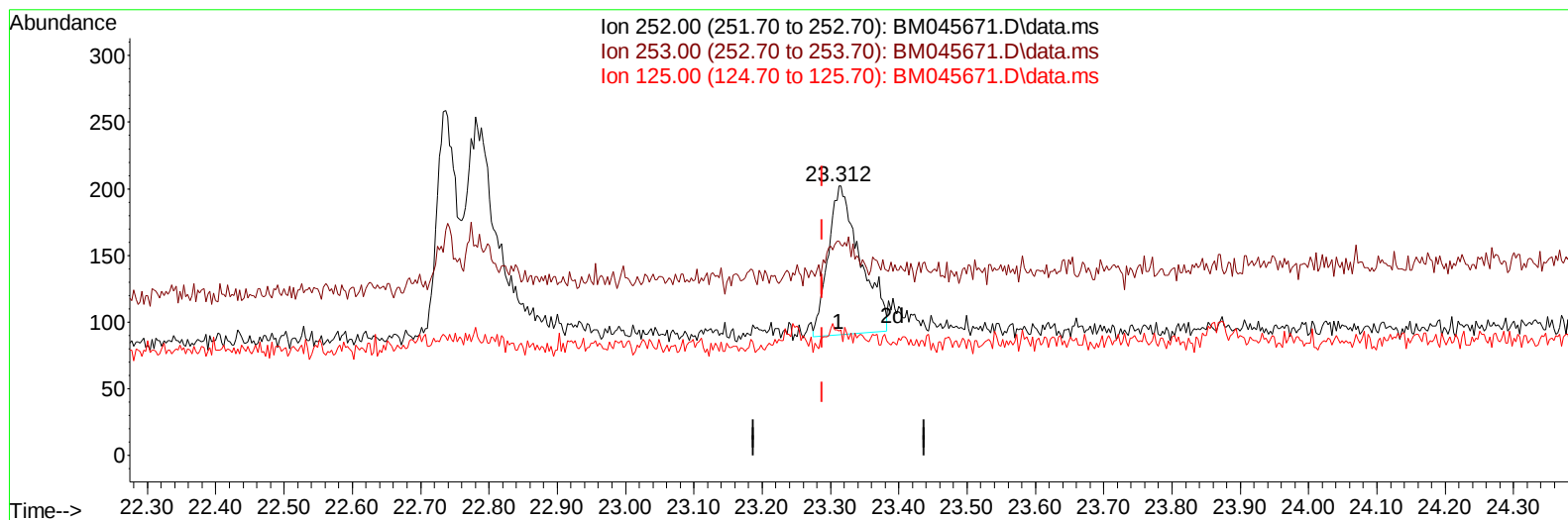
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST00.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

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TIC: BM045671.D\data.ms

(26) Benzo(a)pyrene (C)

23.312min (+ 0.025) 0.08 ng/u1

response 367

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.60	79.70#
125.00	19.70	46.04#
0.00	0.00	0.00

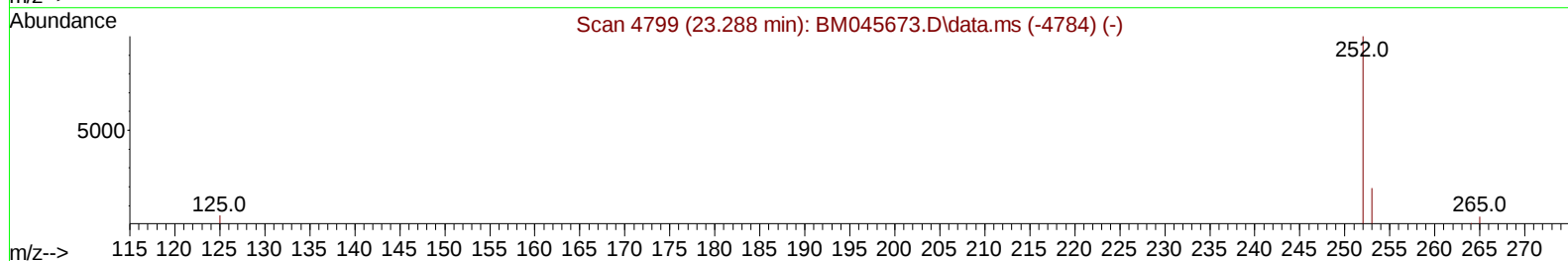
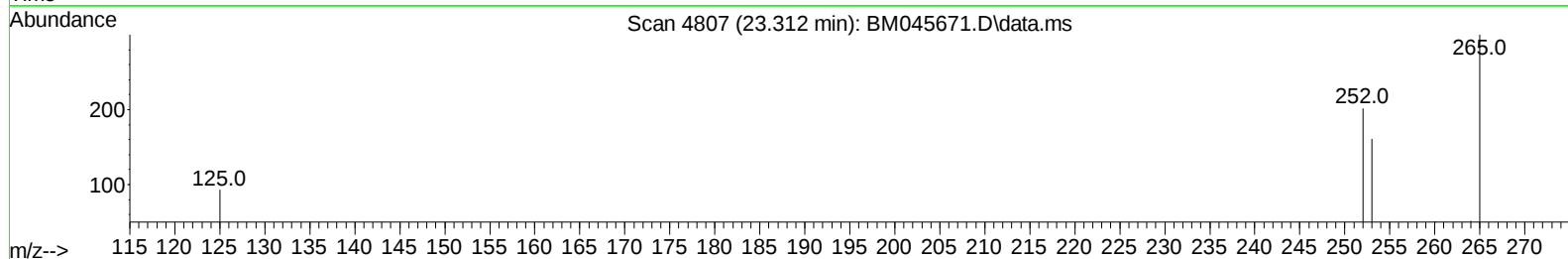
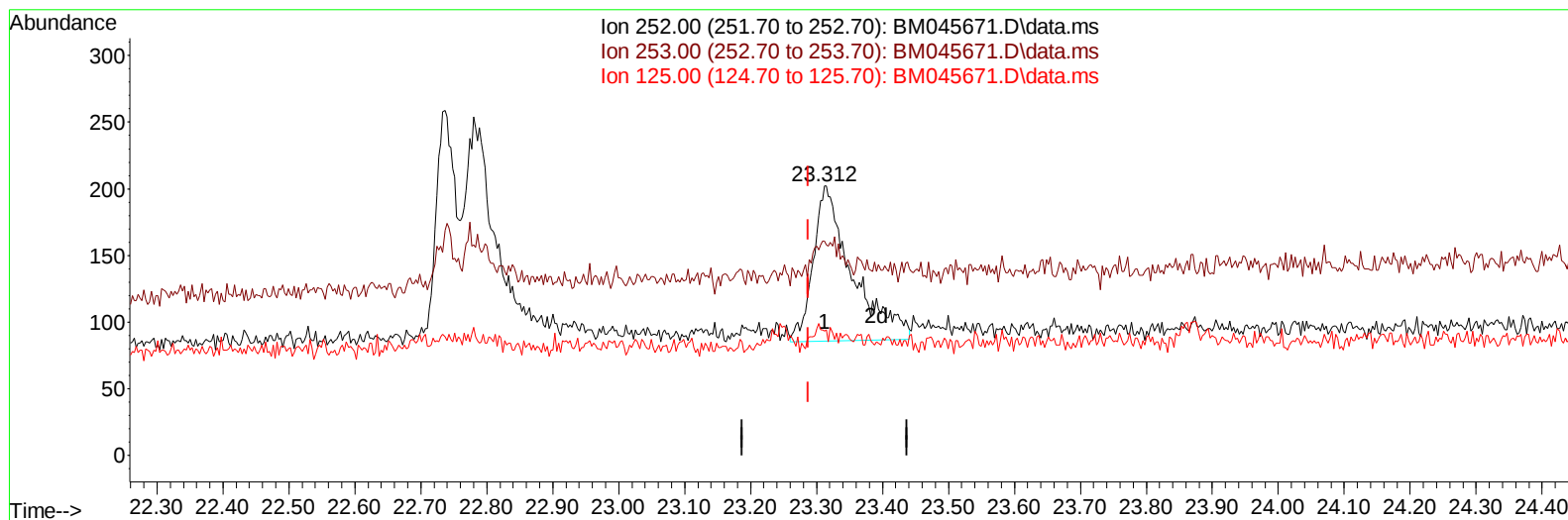
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045671.D
Acq On : 02 May 2024 16:53
Operator : MA/JU
Sample : SST00.127
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045671.D\data.ms

(26) Benzo(a)pyrene (C)

23.312min (+ 0.025) 0.10 ng/u1 m

response 475

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	39.60	79.70#
125.00	19.70	46.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
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Instrument :
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.602	152		149m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.402	136		508	0.400	ng/ul	# 0.06
9) Acenaphthene-d10	14.224	164		350	0.400	ng/ul	0.03
13) Phenanthrene-d10	16.993	188		870	0.400	ng/ul	0.02
17) Chrysene-d12	21.202	240		950	0.400	ng/ul	# 0.02
23) Perylene-d12	23.379	264		1356	0.400	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	0.000	96		0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.019	152		92m	0.135	ng/ul	0.07
18) Fluoranthene-d10	19.025	212		227	0.080	ng/ul	0.01
Target Compounds					Qvalue		
5) Naphthalene	10.468	128		149m	0.113	ng/ul	
7) 2-Methylnaphthalene	12.118	142		74m	0.098	ng/ul	
8) 1-Methylnaphthalene	12.283	142		89	0.104	ng/ul	93
10) Acenaphthylene	13.951	152		154	0.093	ng/ul#	39
11) Acenaphthene	14.288	153		114	0.093	ng/ul#	82
12) Fluorene	15.320	166		140	0.104	ng/ul#	80
15) Phenanthrene	17.035	178		206	0.084	ng/ul#	50
16) Anthracene	17.140	178		219	0.095	ng/ul#	52
19) Fluoranthene	19.052	202		298	0.073	ng/ul#	32
20) Pyrene	19.424	202		322	0.077	ng/ul#	40
21) Benzo(a)anthracene	21.199	228		255	0.088	ng/ul#	75
22) Chrysene	21.240	228		440	0.100	ng/ul#	77
24) Benzo(b)fluoranthene	22.736	252		357	0.082	ng/ul#	46
25) Benzo(k)fluoranthene	22.780	252		472	0.086	ng/ul#	50
26) Benzo(a)pyrene	23.312	252		475m	0.105	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.609	276		567	0.086	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.636	278		470	0.091	ng/ul#	47
29) Benzo(g,h,i)perylene	26.256	276		529	0.090	ng/ul#	67

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

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