

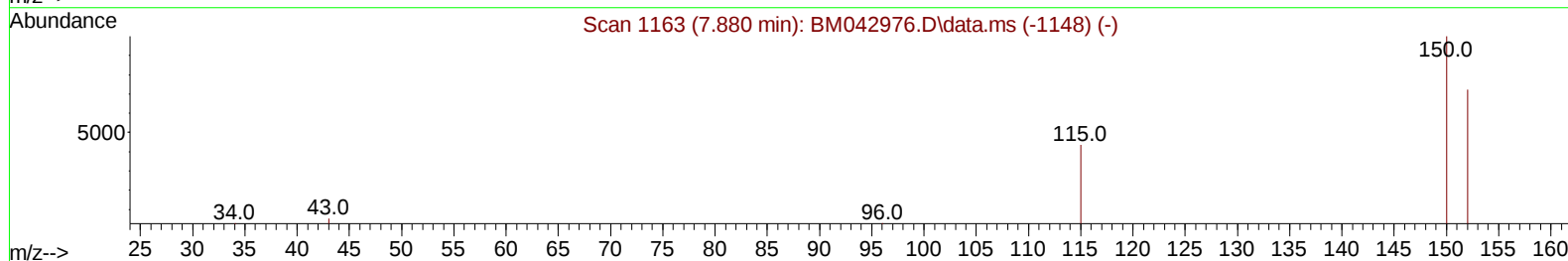
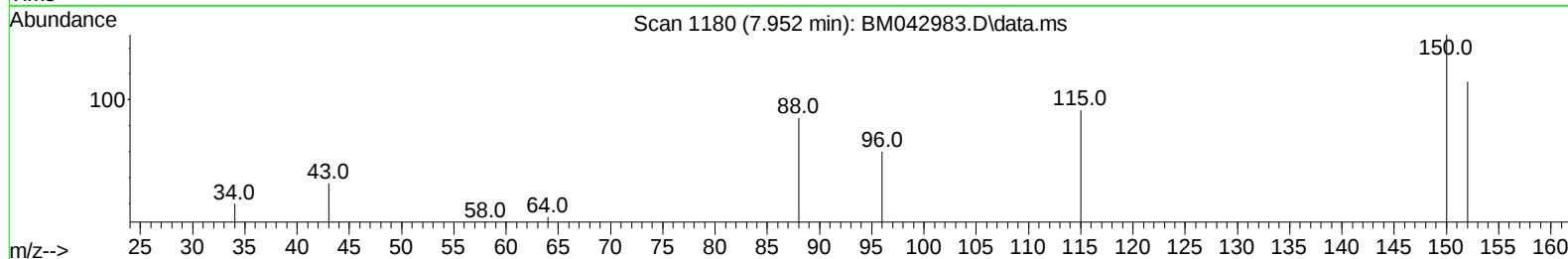
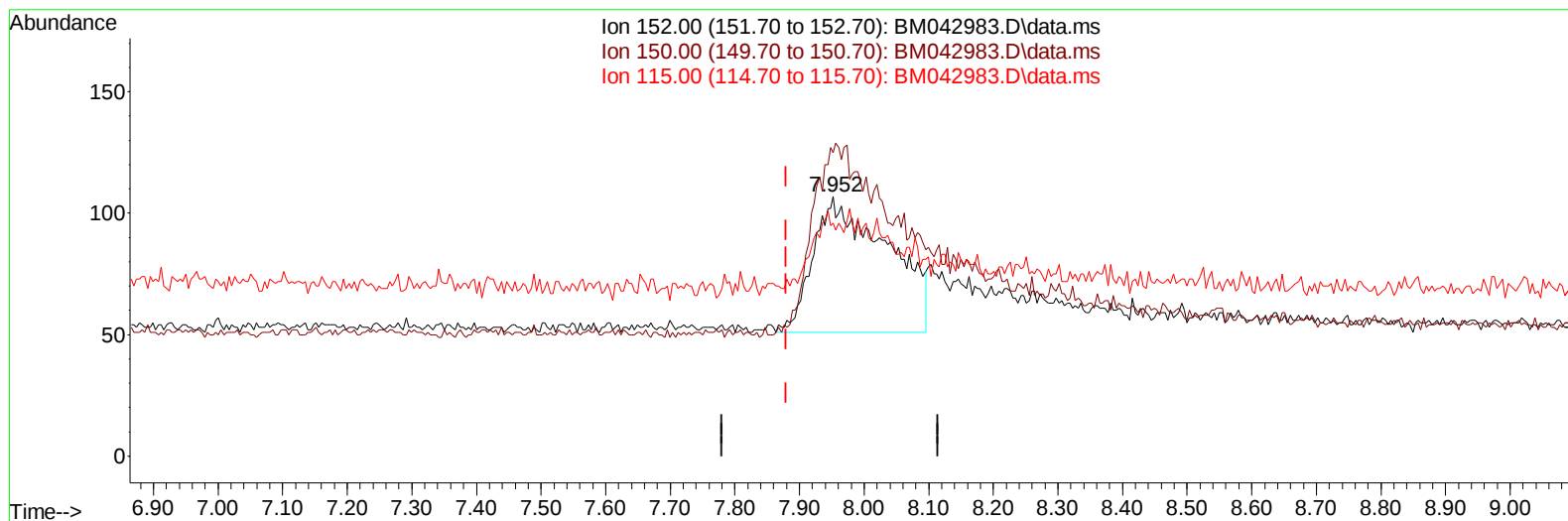
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:11:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

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

7.952min (+ 0.072) 0.40 ng/u1

response 446

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	116.82
115.00	89.60	89.72
0.00	0.00	0.00

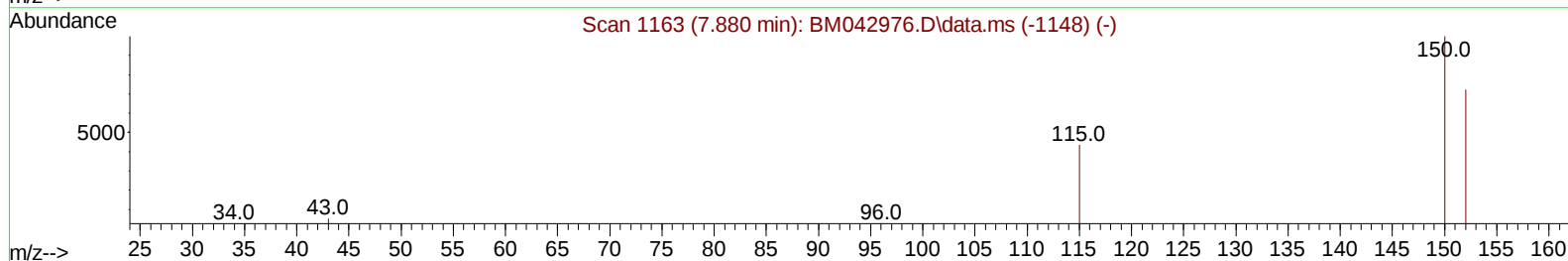
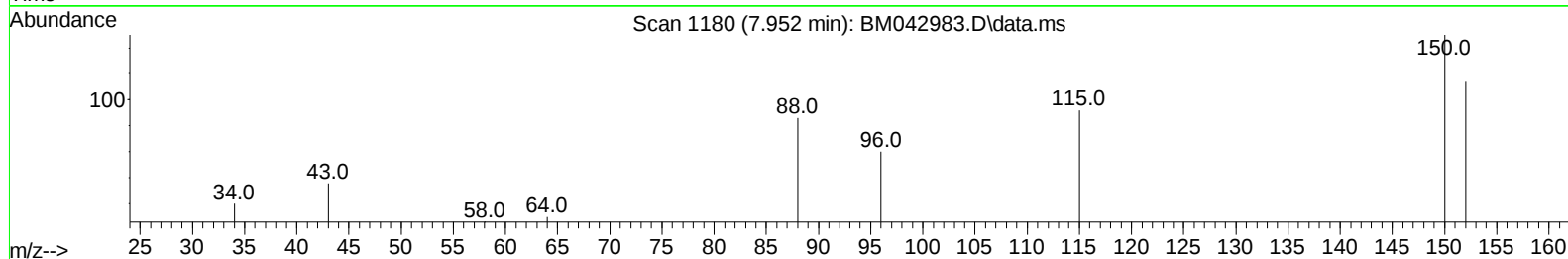
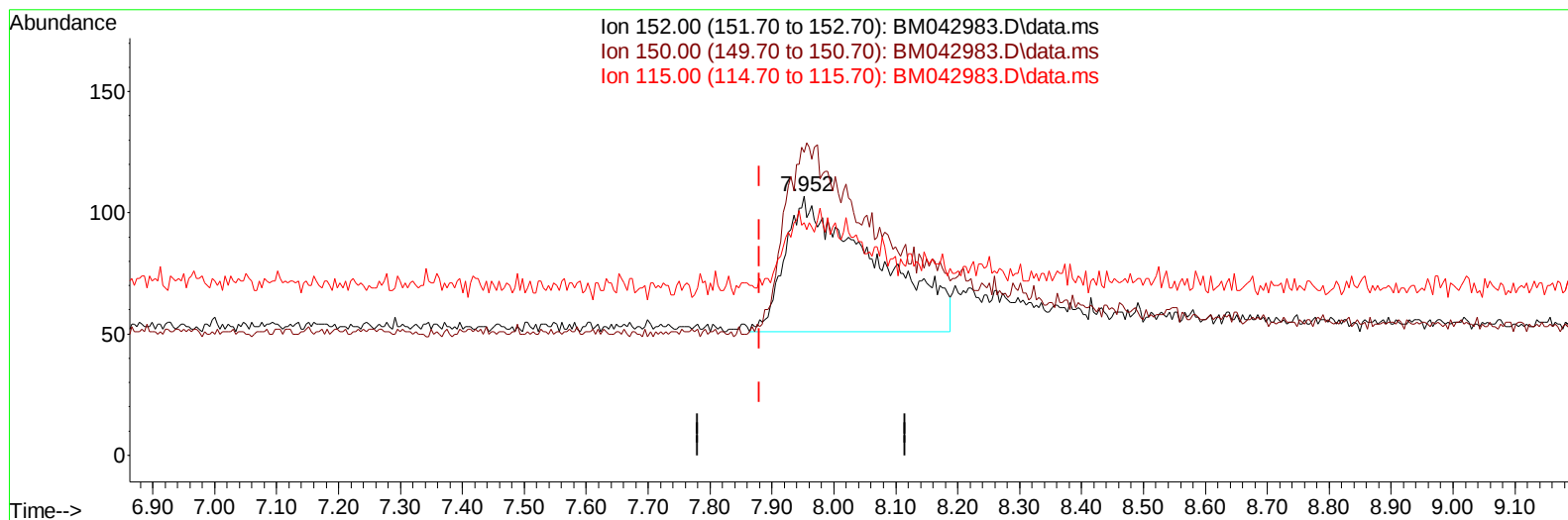
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

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

7.952min (+ 0.072) 0.40 ng/ul m

response 560

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	116.82
115.00	89.60	89.72
0.00	0.00	0.00

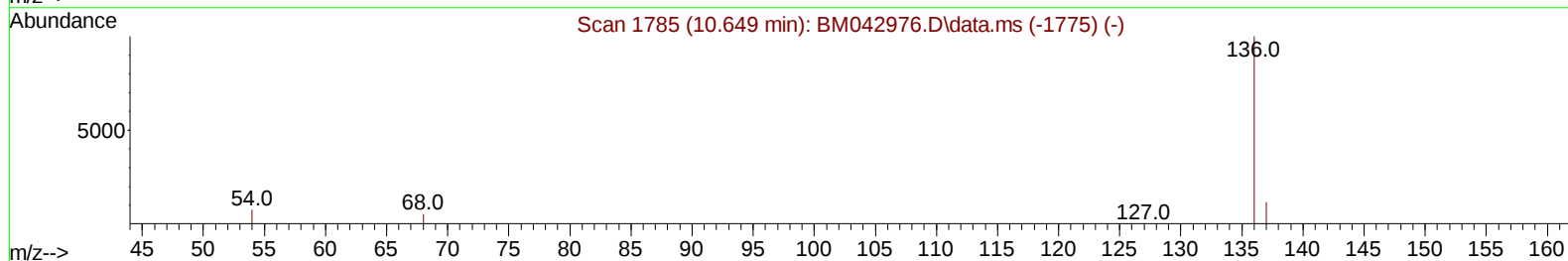
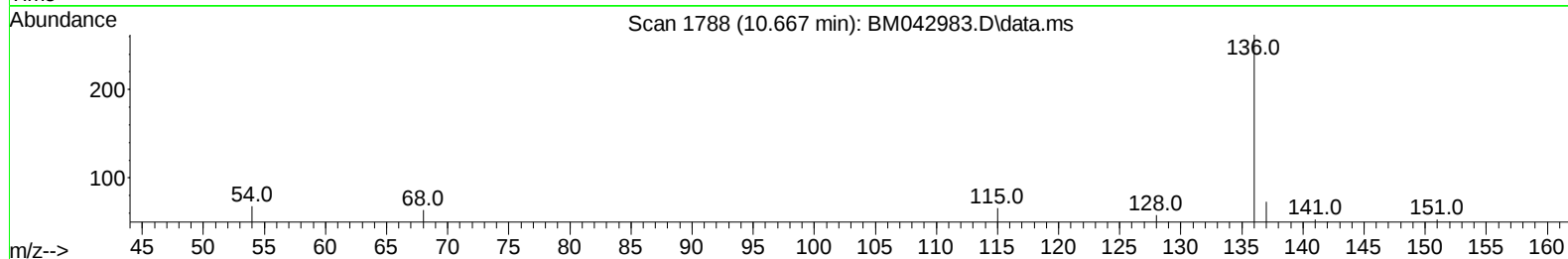
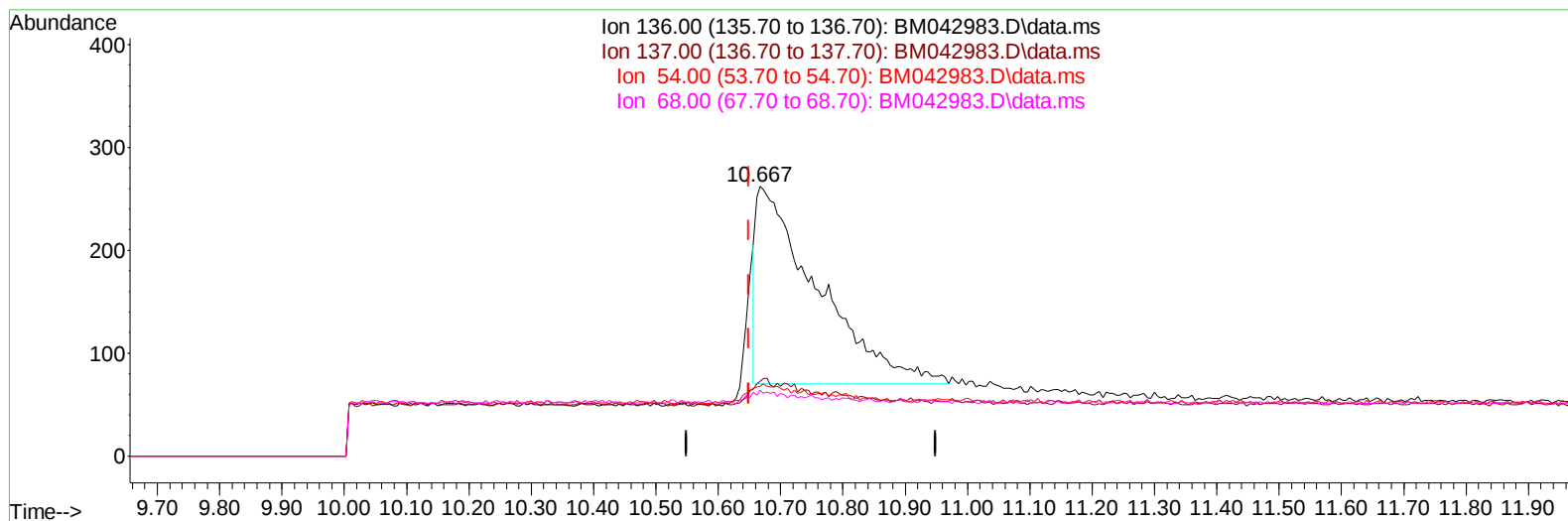
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042983.D
Acq On : 24 Nov 2023 17:33
Operator : MA/JU
Sample : 05264-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:11:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

(4) Naphthalene-d8 (I)

10.667min (+ 0.018) 0.40 ng/ul

response 1311

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	21.10	27.86#
54.00	17.50	25.95#
68.00	15.40	24.43#

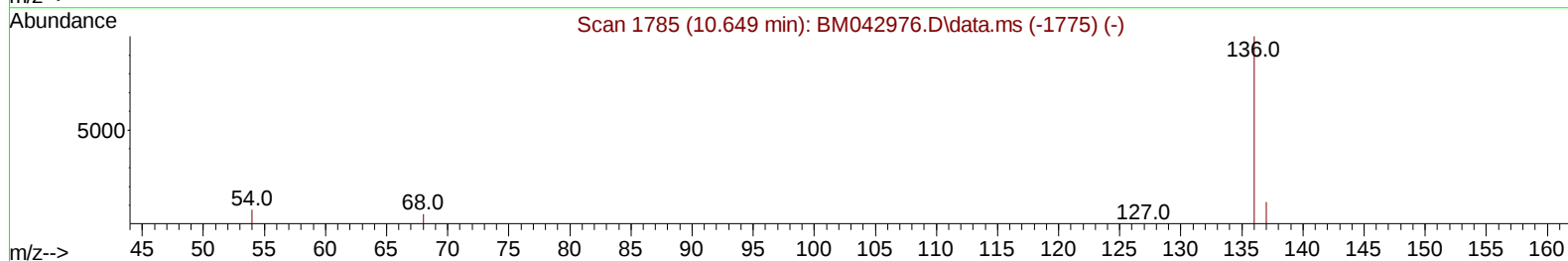
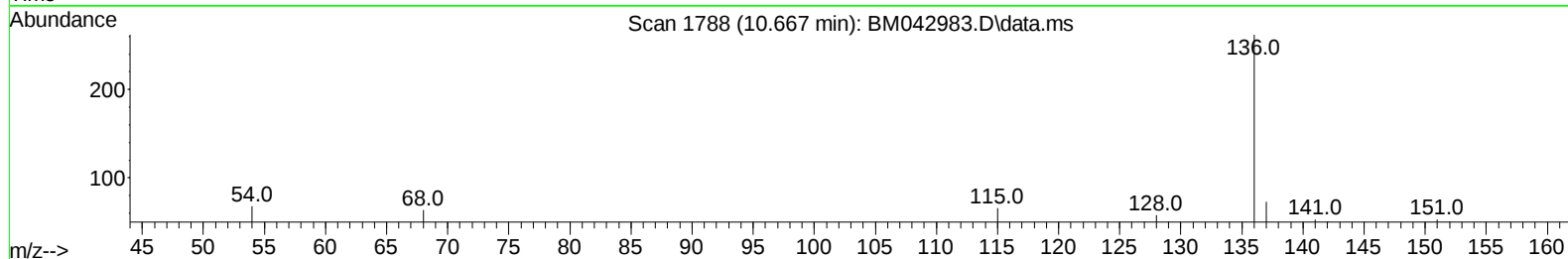
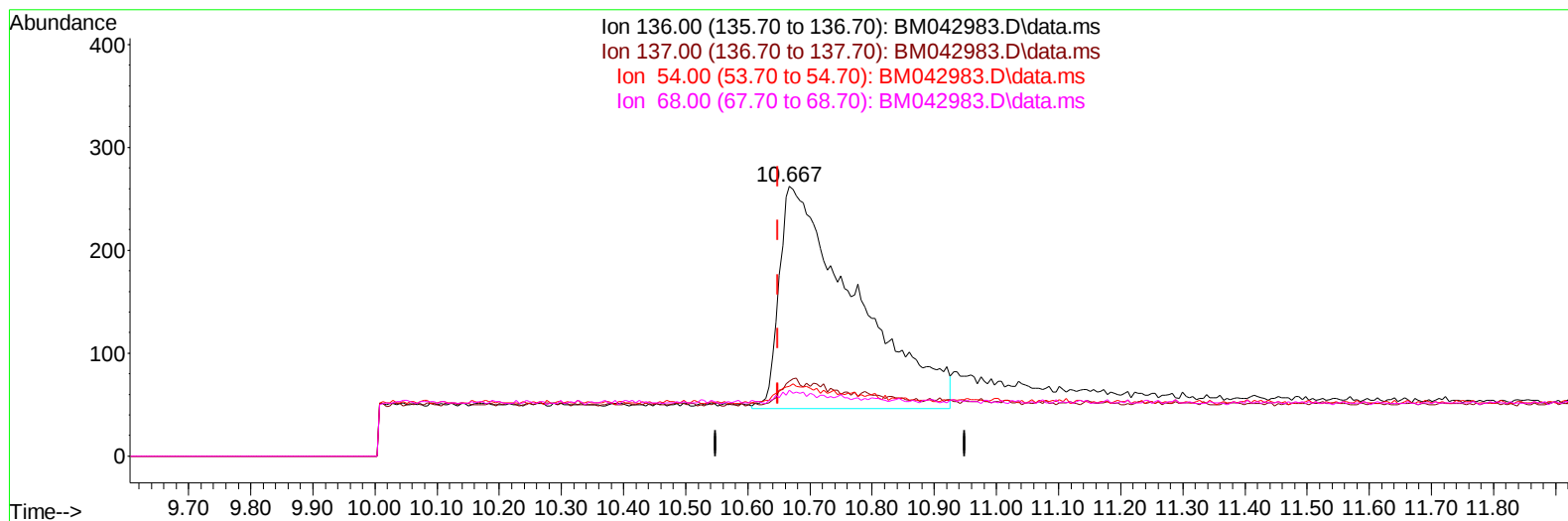
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042983.D
Acq On : 24 Nov 2023 17:33
Operator : MA/JU
Sample : 05264-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:03:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

(4) Naphthalene-d8 (I)

10.667min (+ 0.018) 0.40 ng/ul m

response 1834

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	21.10	27.86#
54.00	17.50	25.95#
68.00	15.40	24.43#

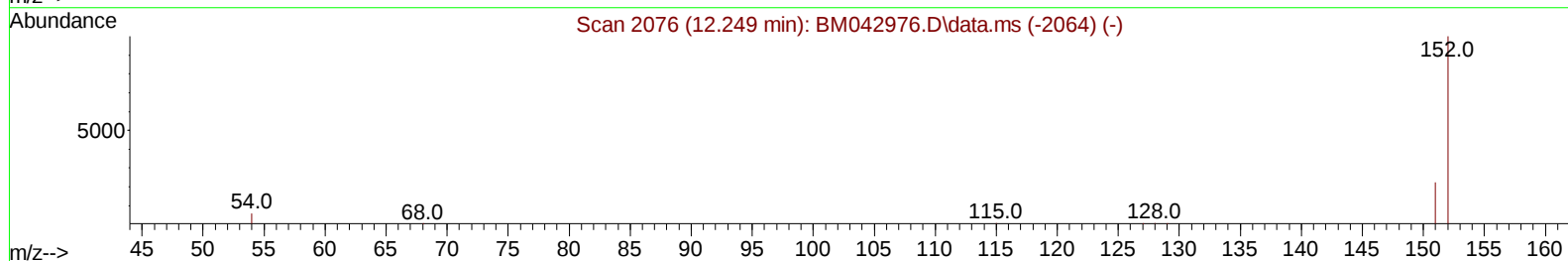
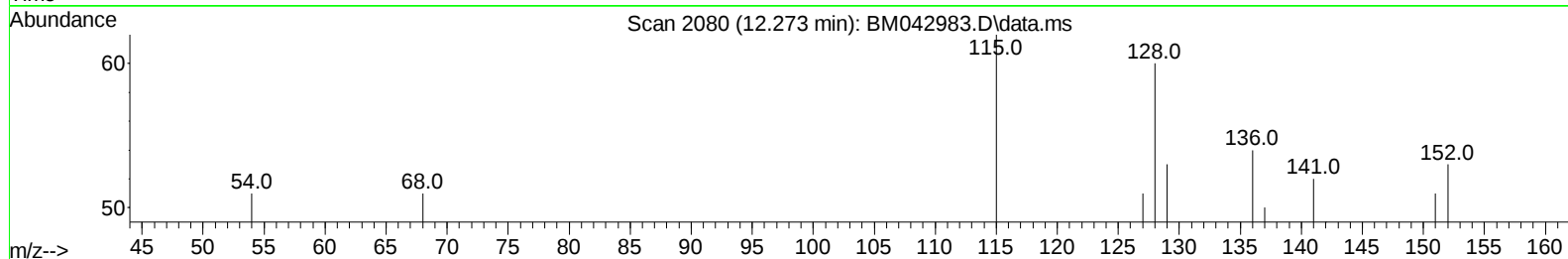
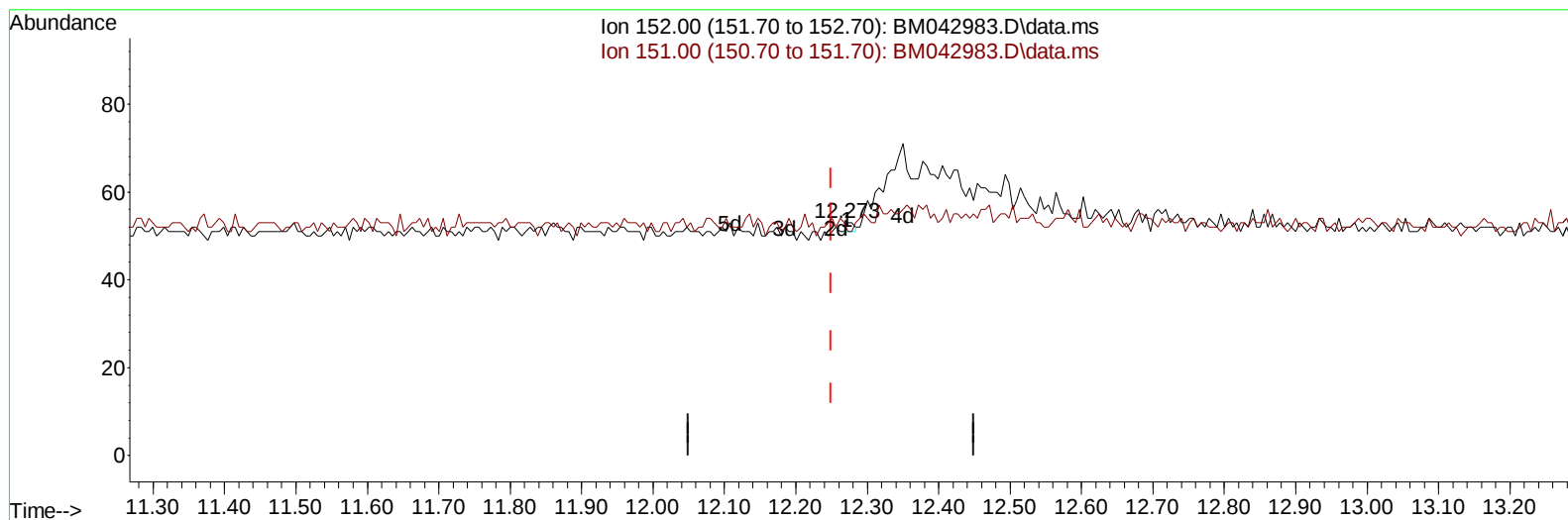
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:11:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.273min (+ 0.023) 0.00 ng/u1

response 2

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

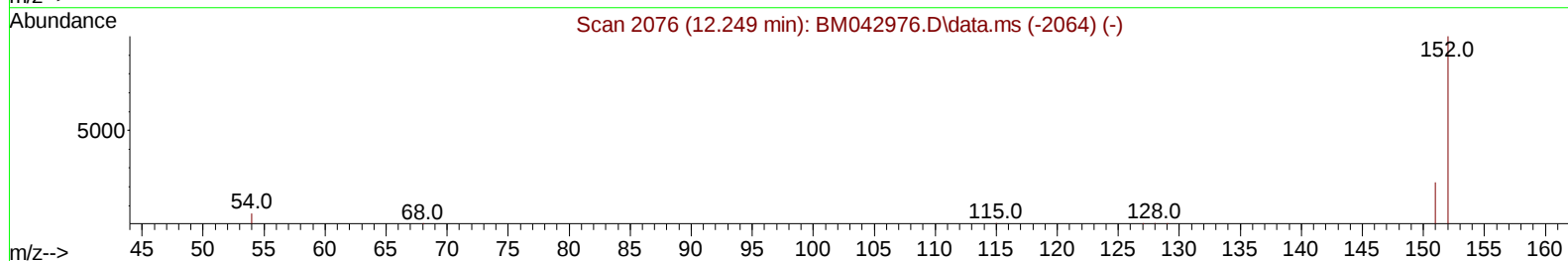
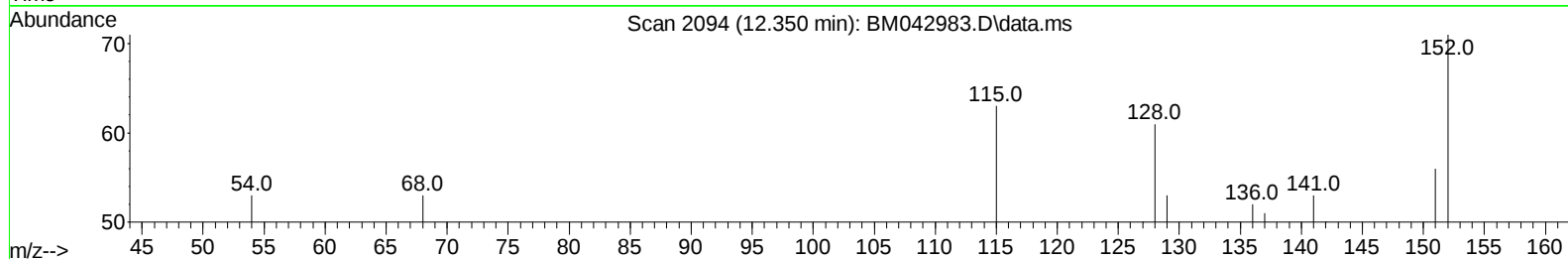
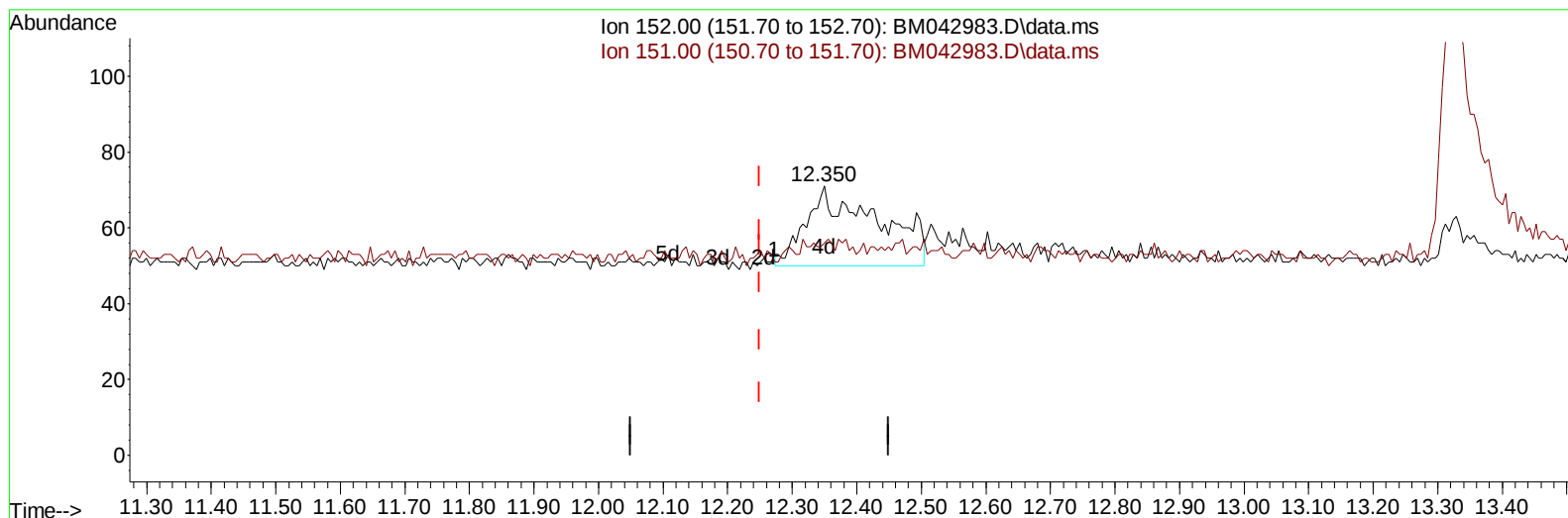
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BM042983.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.350min (+ 0.100) 0.07 ng/u1 m

response 160

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	19.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042983.D
 Acq On : 24 Nov 2023 17:33
 Operator : MA/JU
 Sample : 05264-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 18:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	560m	0.400	ng/ul	0.07
4) Naphthalene-d8	10.667	136	1834m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.470	164	1190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2188	0.400	ng/ul	# 0.03
17) Chrysene-d12	21.429	240	1460	0.400	ng/ul	# 0.00
23) Perylene-d12	23.782	264	1944	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	151	0.176	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.350	152	160m	0.065	ng/ul	0.10
18) Fluoranthene-d10	19.267	212	445	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.722	128	5723	1.148	ng/ul	94
10) Acenaphthylene	14.206	152	3022	0.498	ng/ul	99
11) Acenaphthene	14.530	153	9543	2.074	ng/ul	98
12) Fluorene	15.571	166	2509	0.531	ng/ul#	97
15) Phenanthrene	17.302	178	2061	0.330	ng/ul#	90
16) Anthracene	17.433	178	2308	0.390	ng/ul	96
19) Fluoranthene	19.295	202	6358	0.768	ng/ul	98
20) Pyrene	19.662	202	5434	0.617	ng/ul	96
21) Benzo(a)anthracene	21.417	228	1225	0.259	ng/ul	95
22) Chrysene	21.467	228	3664	0.415	ng/ul	98
24) Benzo(b)fluoranthene	23.060	252	1436	0.219	ng/ul	86
25) Benzo(k)fluoranthene	23.110	252	1786	0.198	ng/ul#	72
26) Benzo(a)pyrene	23.686	252	3150	0.440	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.242	276	3937	0.406	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.275	278	3916	0.522	ng/ul	94
29) Benzo(g,h,i)perylene	26.996	276	7707	0.818	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042983.D
Acq On : 24 Nov 2023 17:33
Operator : MA/JU
Sample : 05264-02DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:03:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

