

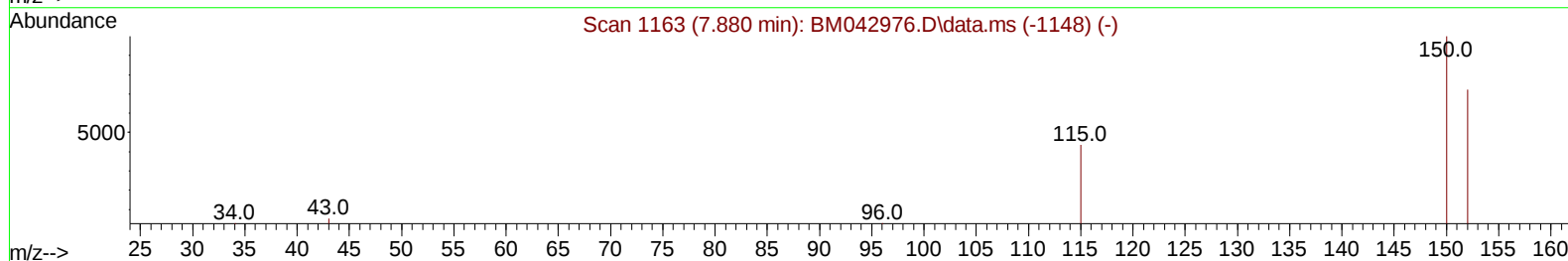
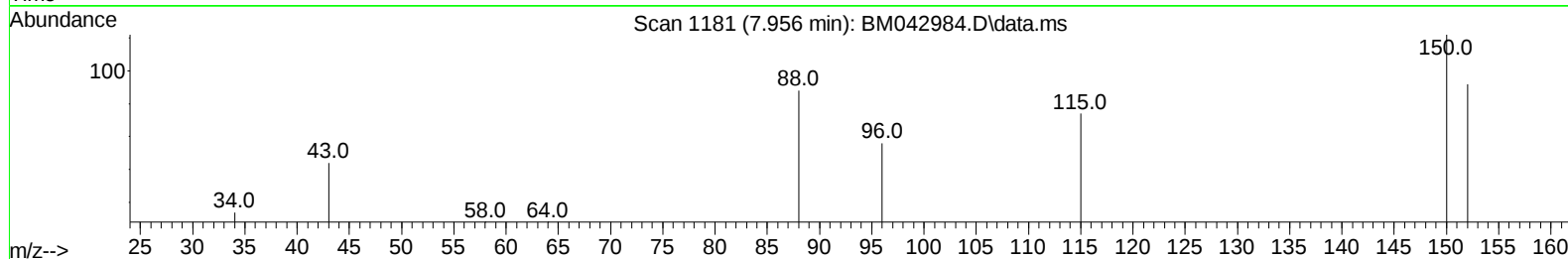
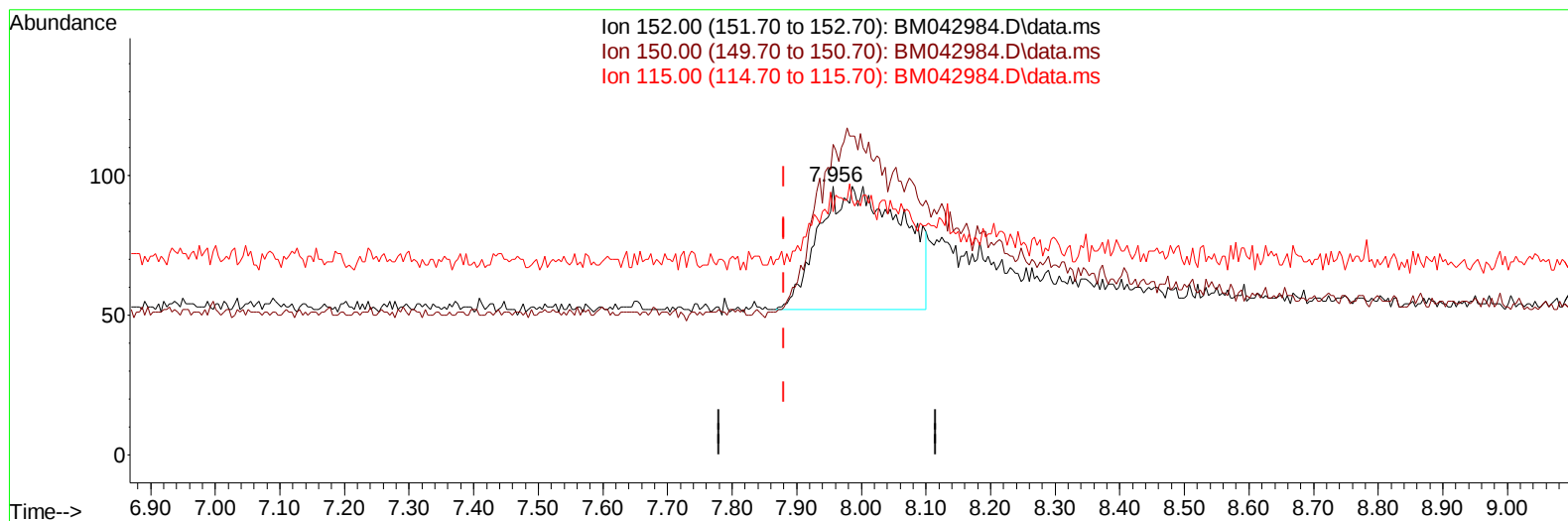
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
Operator : MA/JU
Sample : 05264-02DL2 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:12:56 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: BM042984.D\data.ms

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

7.956min (+ 0.076) 0.40 ng/u1

response 391

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	115.63
115.00	89.60	90.63
0.00	0.00	0.00

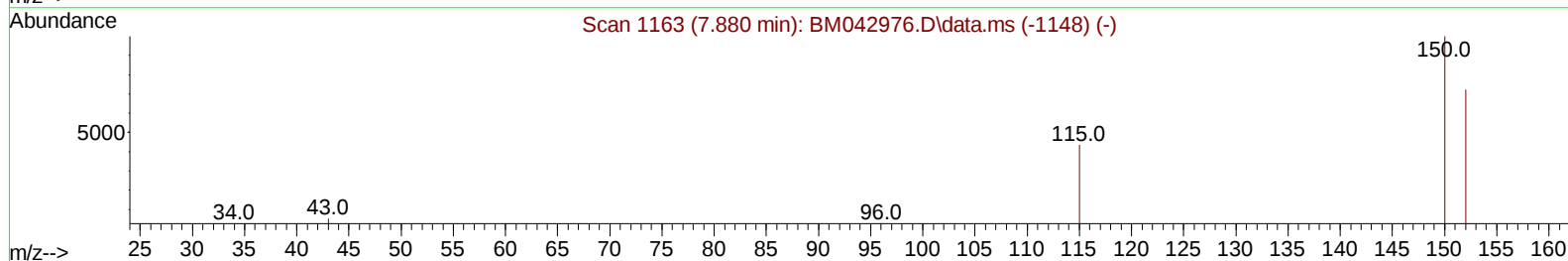
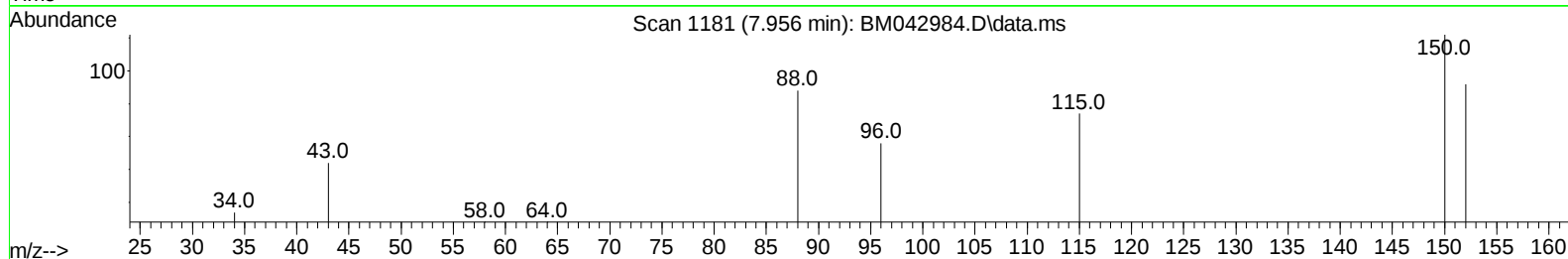
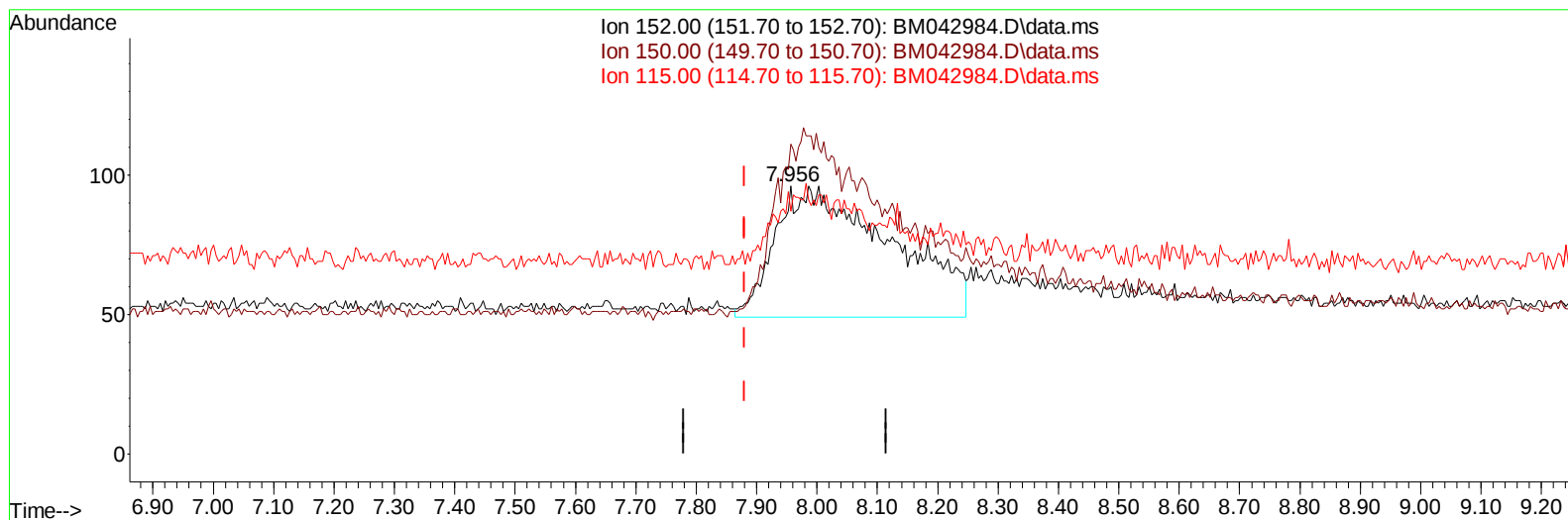
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
Operator : MA/JU
Sample : 05264-02DL2 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:54:39 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: BM042984.D\data.ms

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

7.956min (+ 0.076) 0.40 ng/ul m

response 626

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	115.63
115.00	89.60	90.63
0.00	0.00	0.00

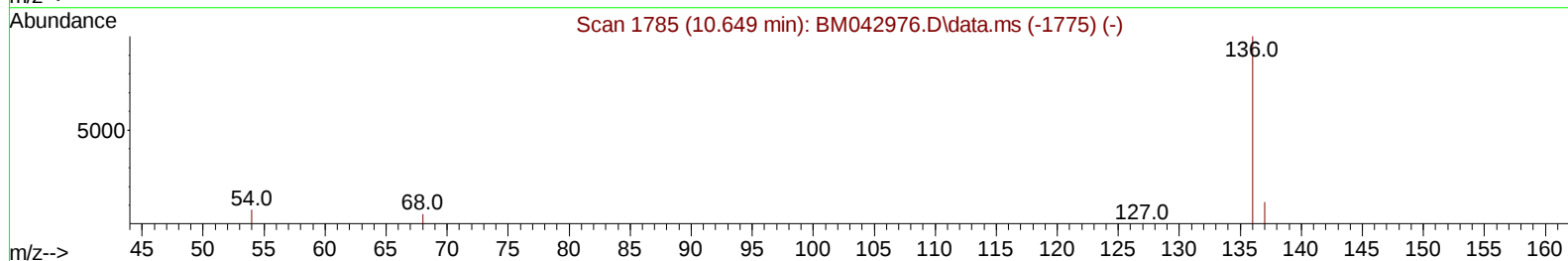
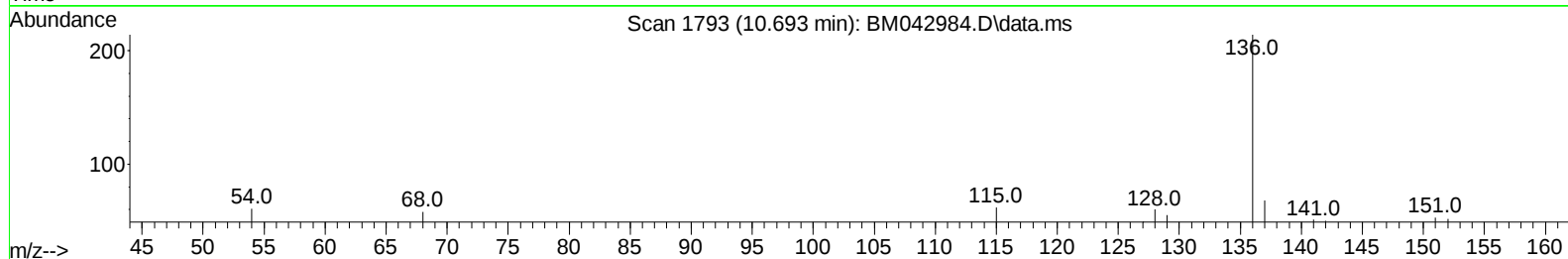
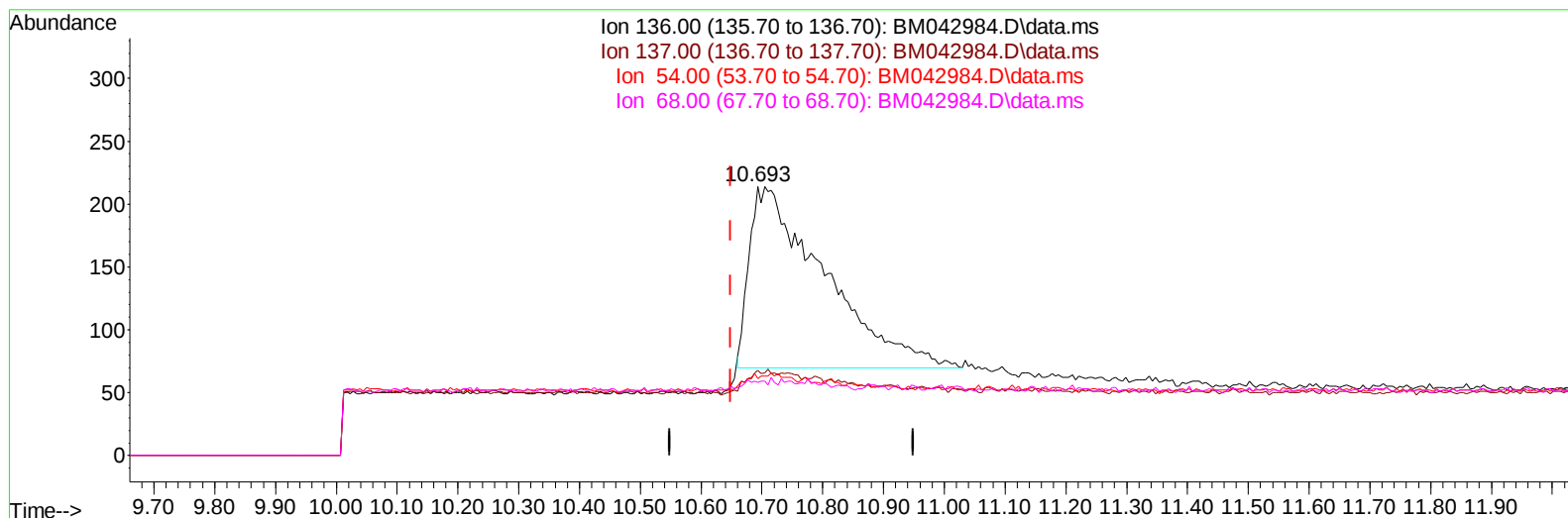
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
Operator : MA/JU
Sample : 05264-02DL2 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:12:56 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: BM042984.D\data.ms

(4) Naphthalene-d8 (I)

10.693min (+ 0.044) 0.40 ng/u1

response 1230

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	21.10	31.78#
54.00	17.50	28.50#
68.00	15.40	27.10#

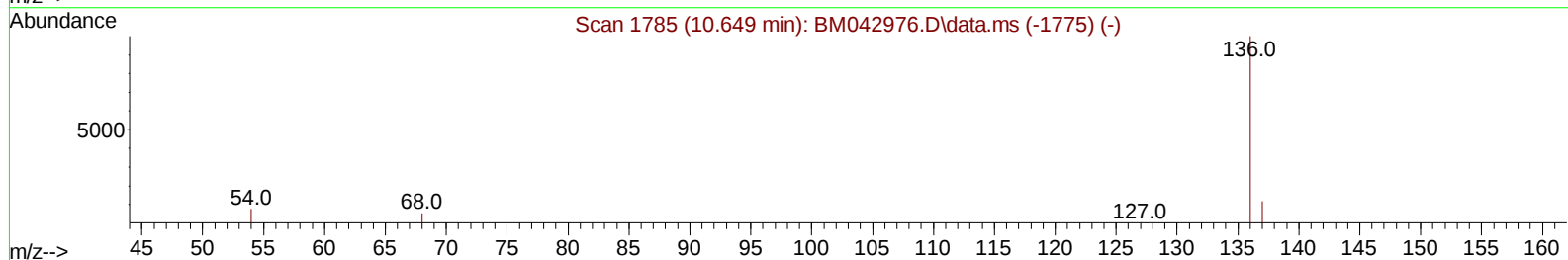
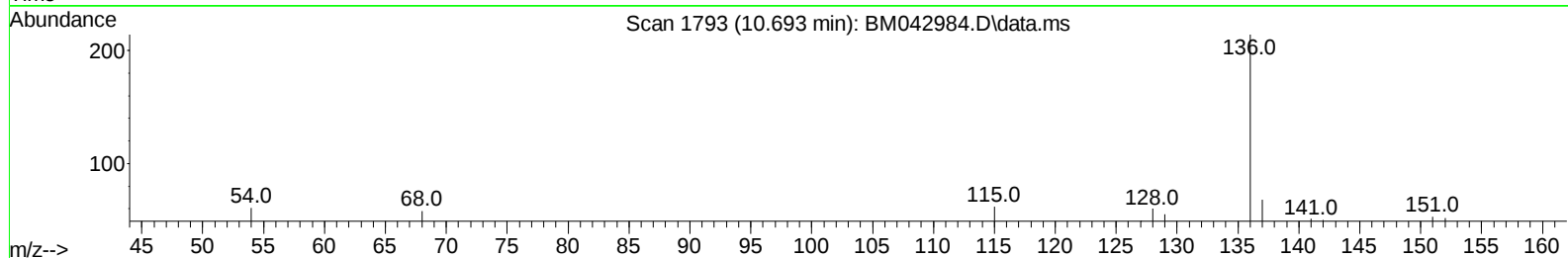
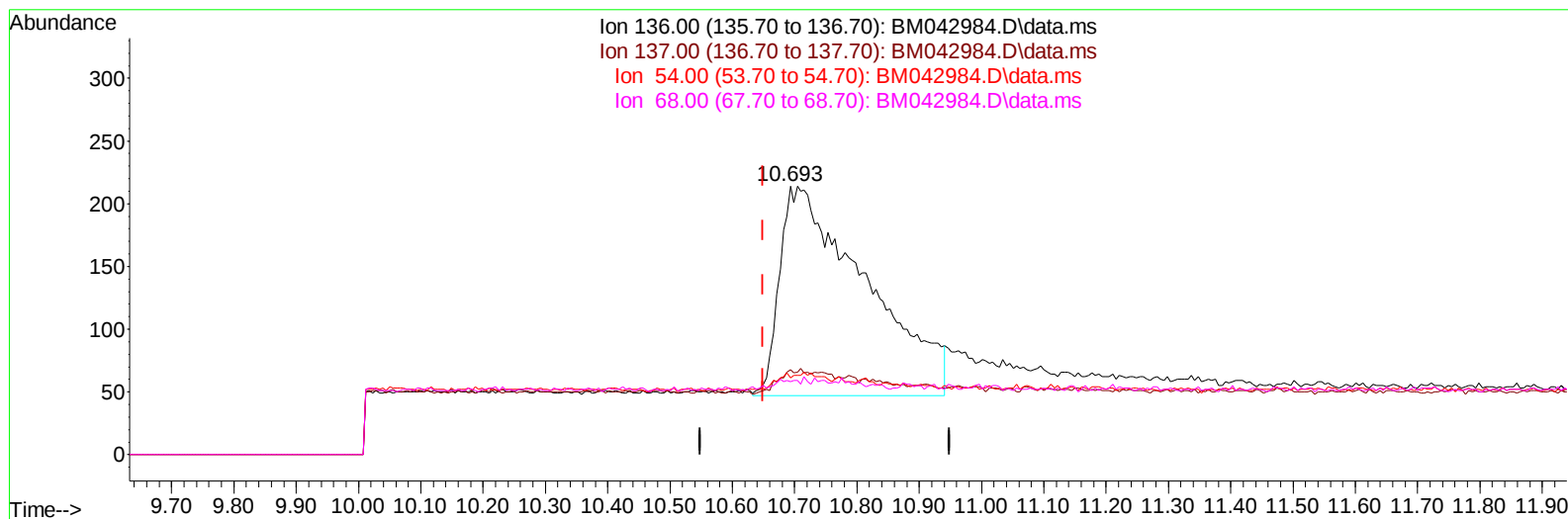
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
Operator : MA/JU
Sample : 05264-02DL2 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:54:39 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: BM042984.D\data.ms

(4) Naphthalene-d8 (I)

10.693min (+ 0.044) 0.40 ng/ul m

response 1600

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	21.10	31.78#
54.00	17.50	28.50#
68.00	15.40	27.10#

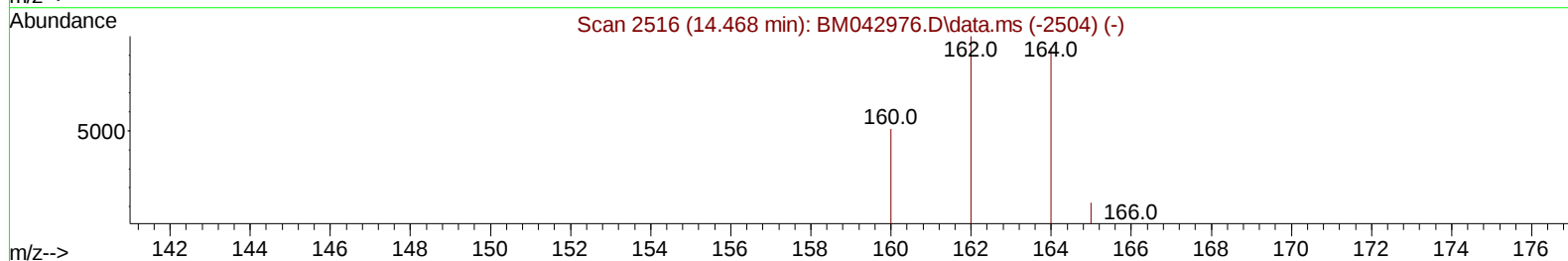
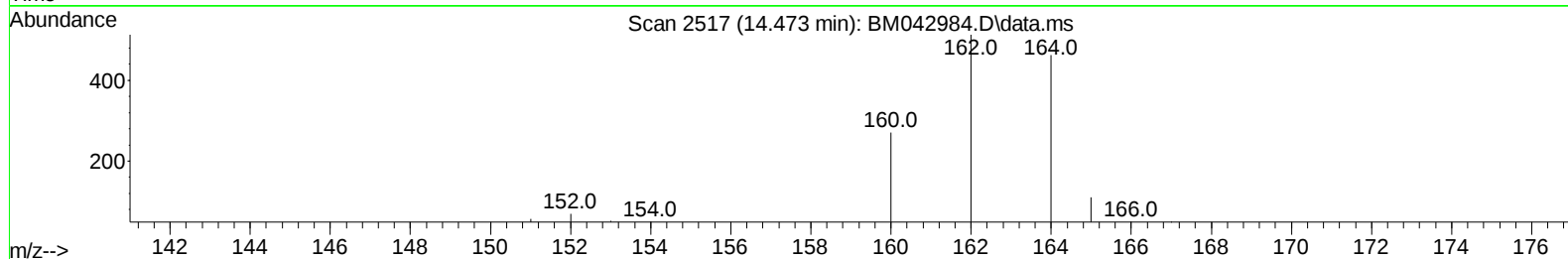
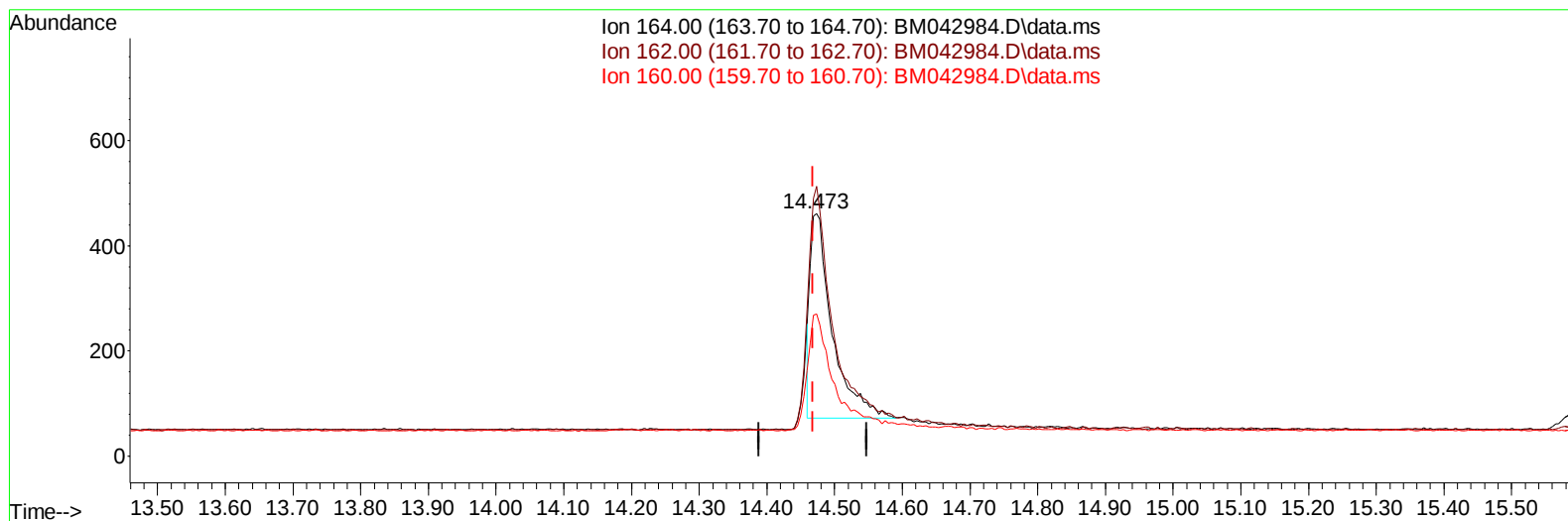
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042984.D
 Acq On : 24 Nov 2023 18:25
 Operator : MA/JU
 Sample : 05264-02DL2 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 25 00:12:56 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: BM042984.D\data.ms

(9) Acenaphthene-d10 (I)

14.473min (+ 0.005) 0.40 ng/u1

response 881

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	111.04
160.00	57.20	58.66
0.00	0.00	0.00

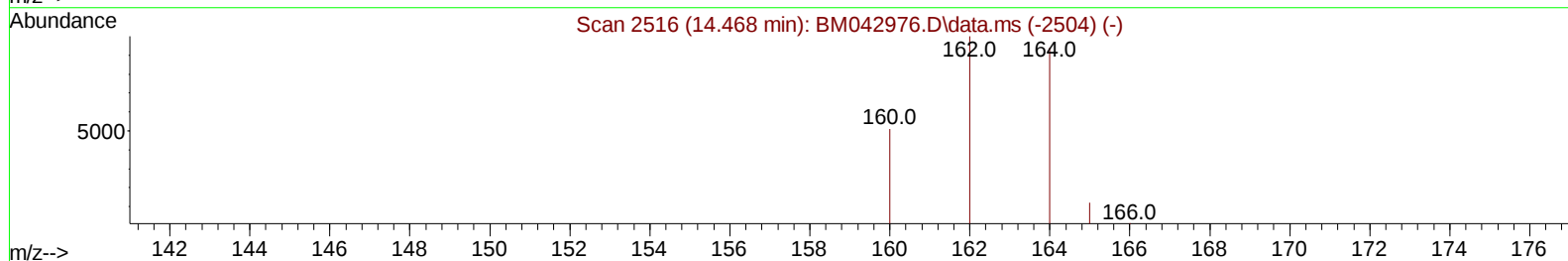
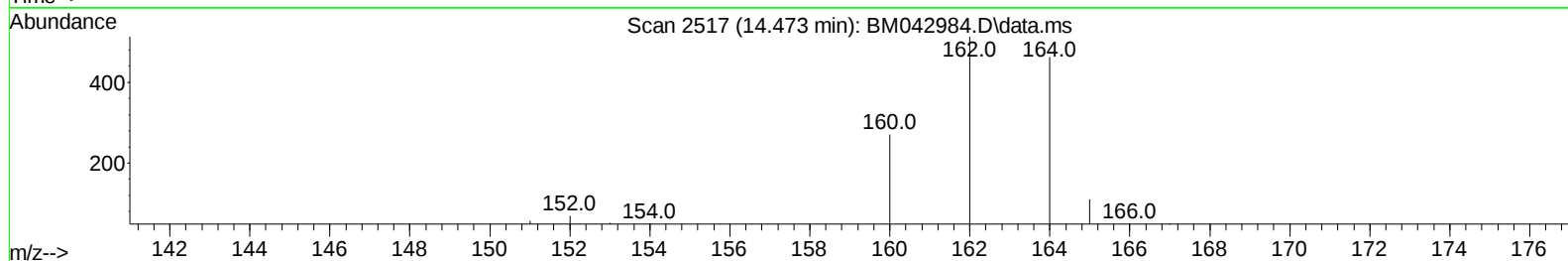
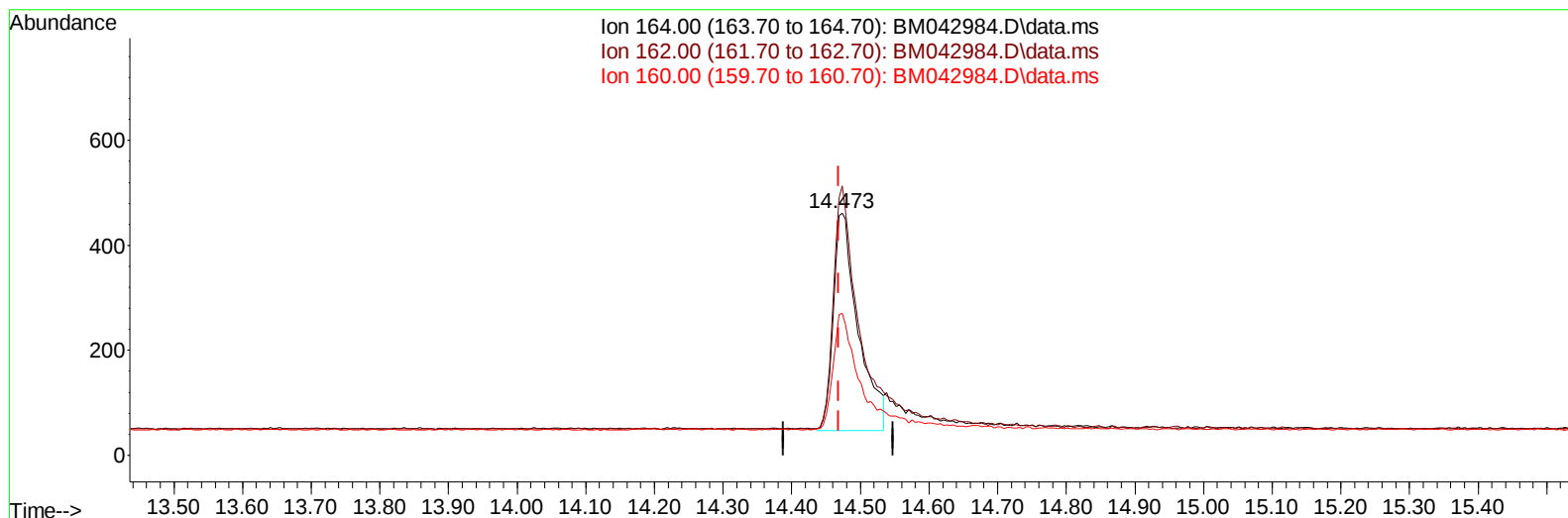
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042984.D
 Acq On : 24 Nov 2023 18:25
 Operator : MA/JU
 Sample : 05264-02DL2 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:54:39 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: BM042984.D\data.ms

(9) Acenaphthene-d10 (I)

14.473min (+ 0.005) 0.40 ng/ul m

response 1040

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	111.04
160.00	57.20	58.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042984.D
 Acq On : 24 Nov 2023 18:25
 Operator : MA/JU
 Sample : 05264-02DL2 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3DL2

Manual IntegrationsAPPROVED

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

Quant Time: Nov 24 18:54:39 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	7.956	152	626m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.693	136	1600m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.473	164	1040m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.275	188	1972	0.400	ng/ul	# 0.04
17) Chrysene-d12	21.438	240	1410	0.400	ng/ul	# 0.01
23) Perylene-d12	23.785	264	1915	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	19.280	212	209	0.041	ng/ul	0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.765	128	2604	0.599	ng/ul#	90
10) Acenaphthylene	14.219	152	1379	0.260	ng/ul#	84
11) Acenaphthene	14.533	153	4312	1.072	ng/ul	97
12) Fluorene	15.616	166	1049	0.254	ng/ul#	92
15) Phenanthrene	17.326	178	968	0.172	ng/ul#	73
16) Anthracene	17.457	178	913	0.171	ng/ul#	74
19) Fluoranthene	19.308	202	2949	0.369	ng/ul	95
20) Pyrene	19.666	202	2564	0.302	ng/ul	96
21) Benzo(a)anthracene	21.433	228	532	0.116	ng/ul#	83
22) Chrysene	21.471	228	1790	0.210	ng/ul	94
24) Benzo(b)fluoranthene	23.066	252	645	0.100	ng/ul#	54
25) Benzo(k)fluoranthene	23.119	252	856	0.096	ng/ul#	38
26) Benzo(a)pyrene	23.704	252	1546	0.219	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.262	276	1853	0.194	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.292	278	1847	0.250	ng/ul#	87
29) Benzo(g,h,i)perylene	27.014	276	3838	0.413	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042984.D
Acq On : 24 Nov 2023 18:25
Operator : MA/JU
Sample : 05264-02DL2 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCKV3DL2

Manual IntegrationsAPPROVED

Quant Time: Nov 24 18:54:39 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

