

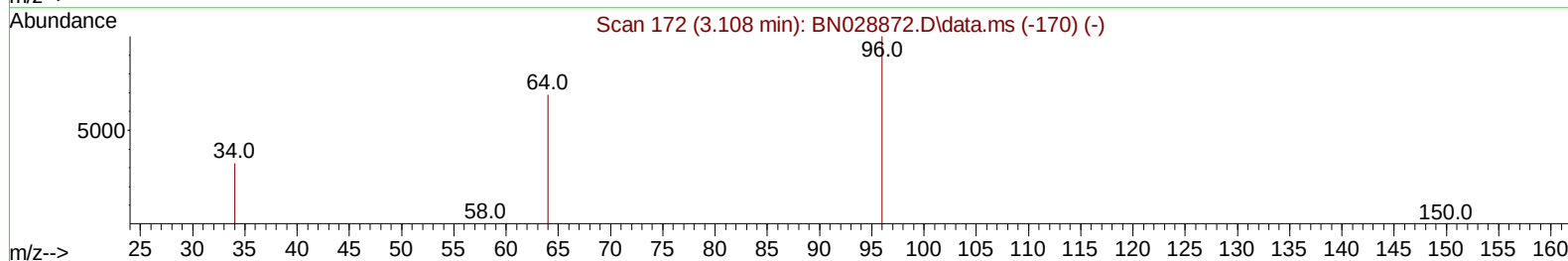
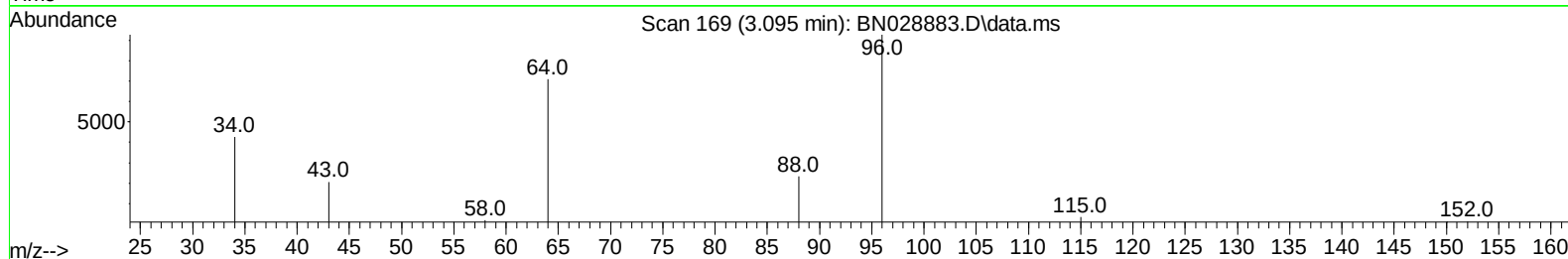
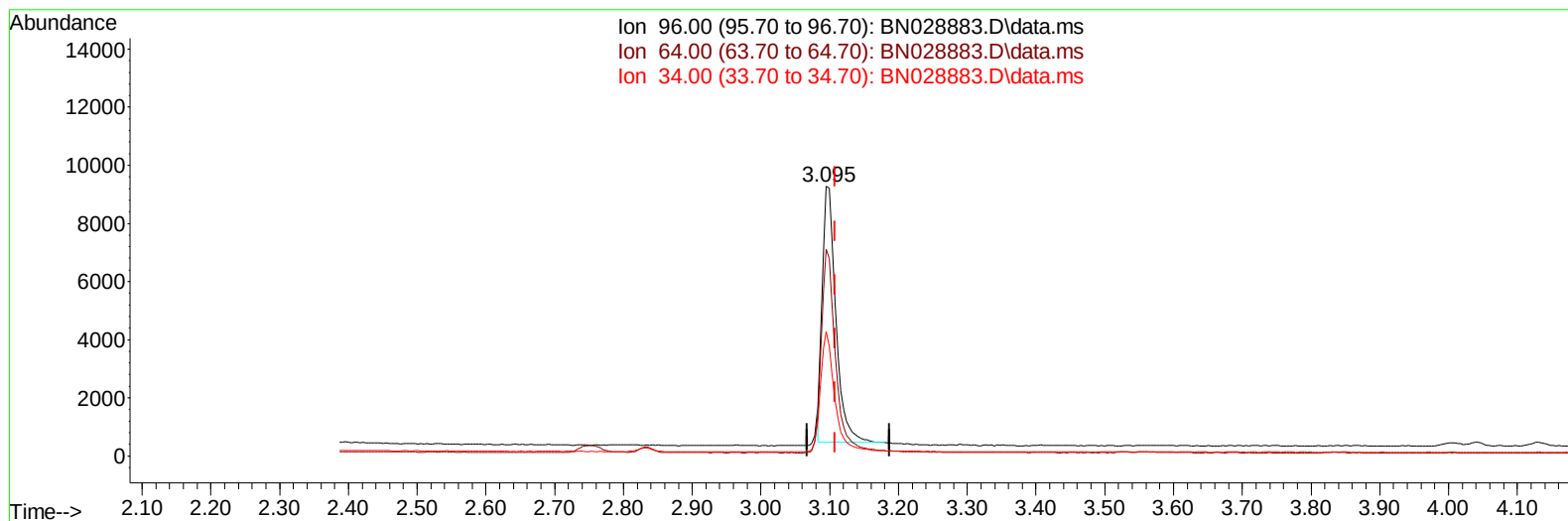
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.095min (-0.013) 0.32 ng/u1

response 12145

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	76.65
34.00	38.60	46.03
0.00	0.00	0.00

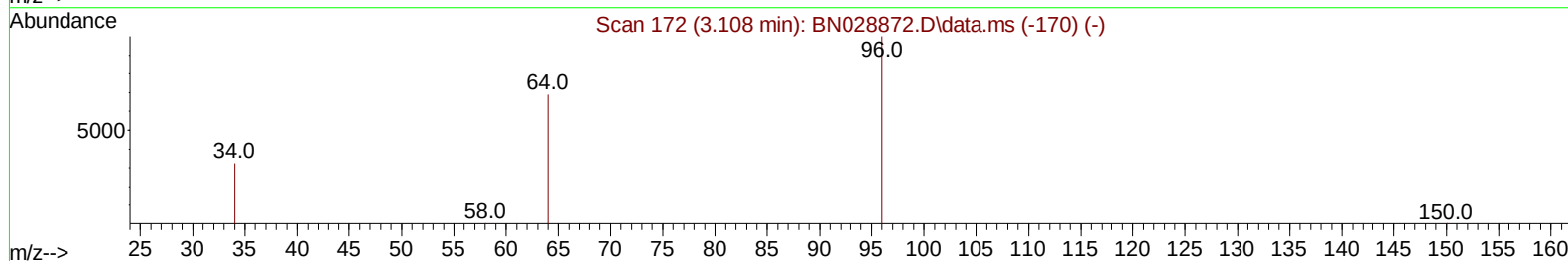
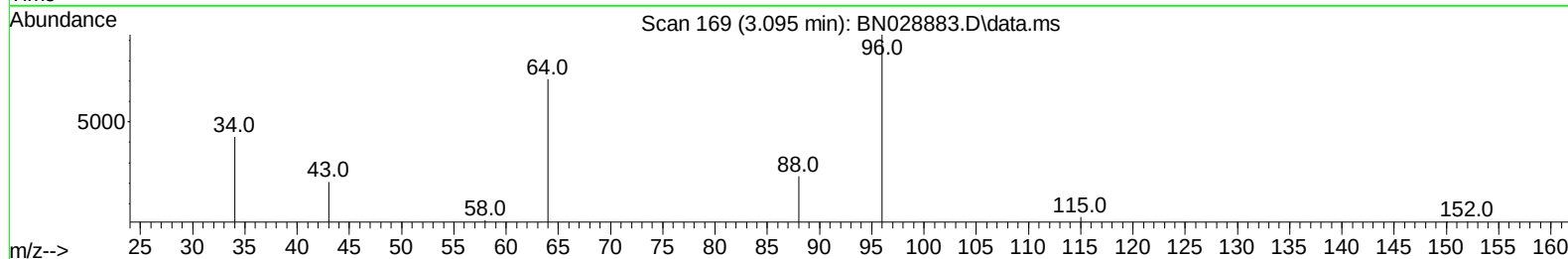
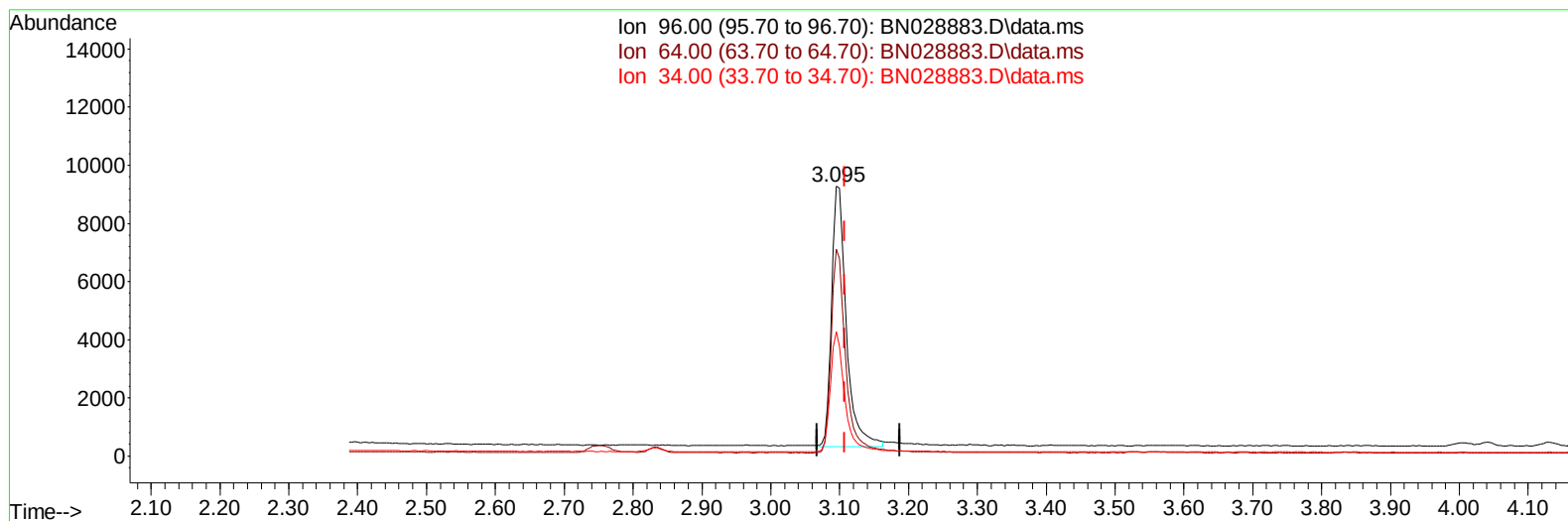
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.095min (-0.013) 0.35 ng/ul m

response 13246

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	76.65
34.00	38.60	46.03
0.00	0.00	0.00

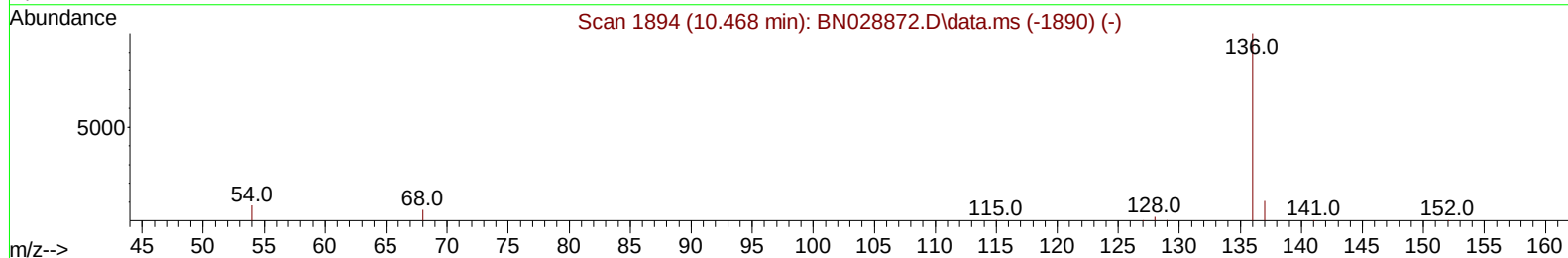
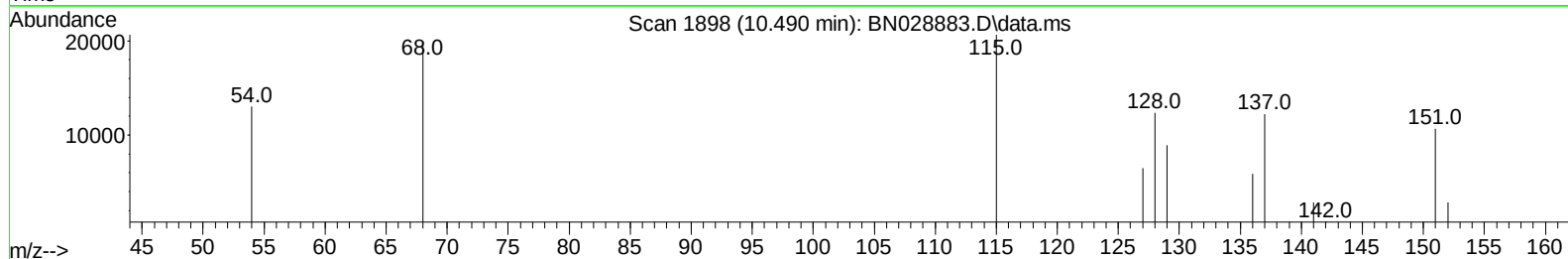
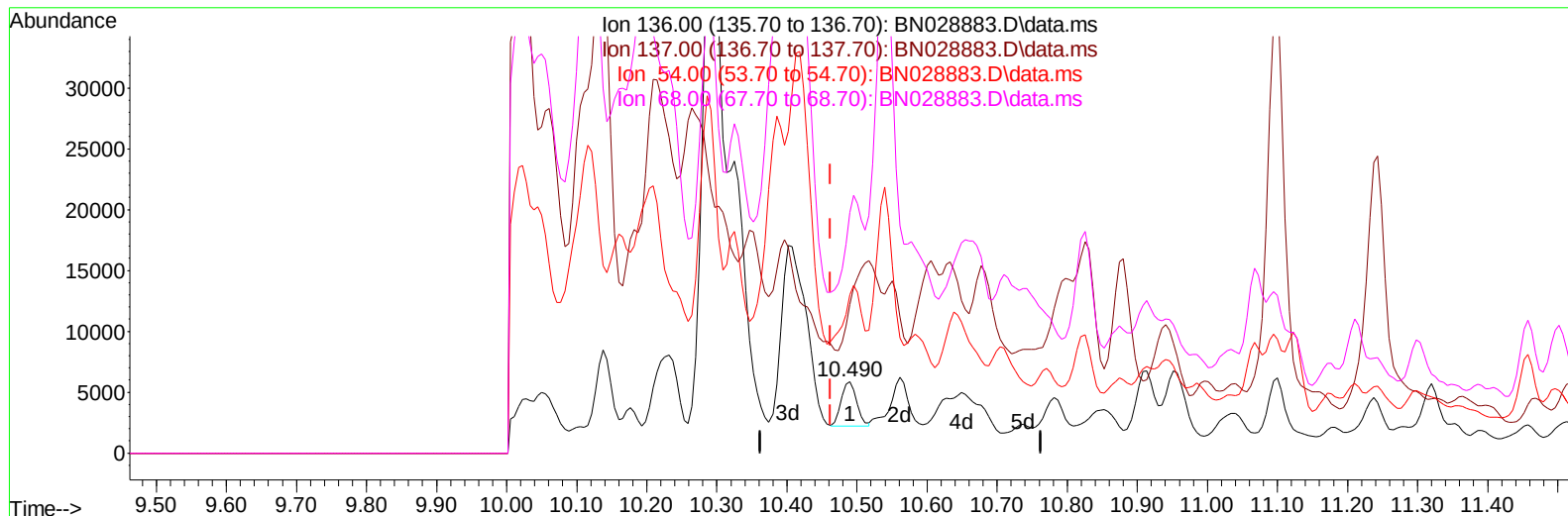
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (+ 0.027) 0.40 ng/u1

response 5670

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	208.03#
54.00	9.00	221.32#
68.00	7.10	336.41#

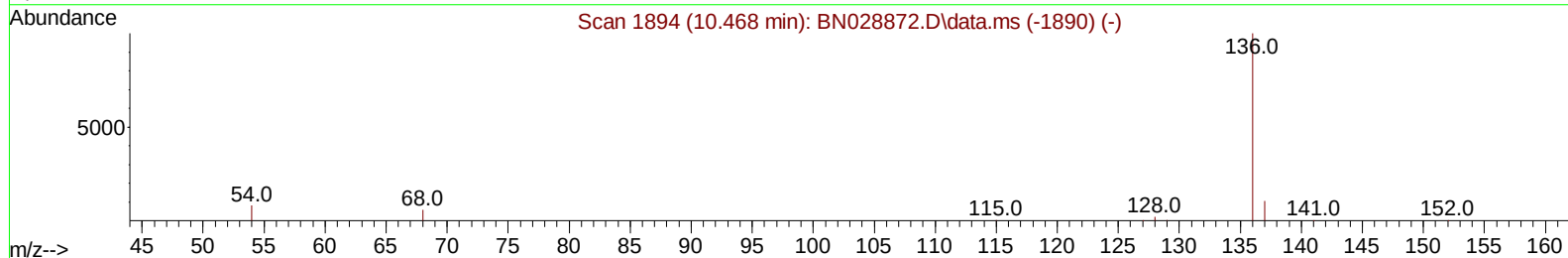
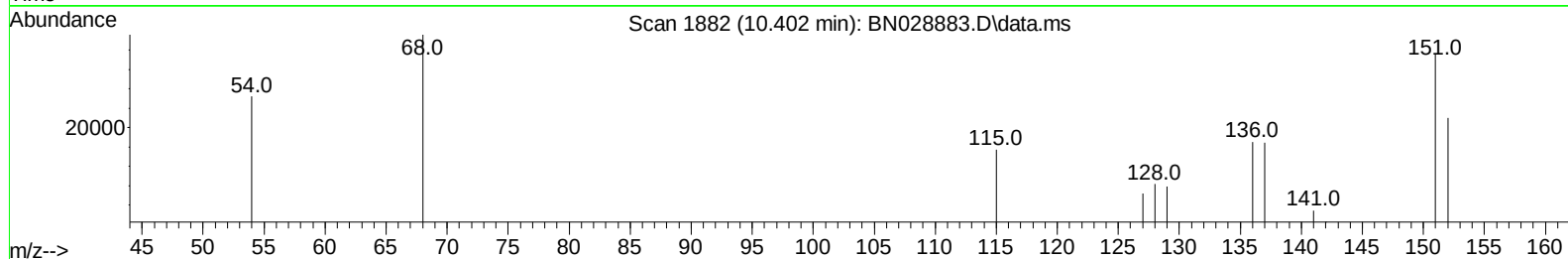
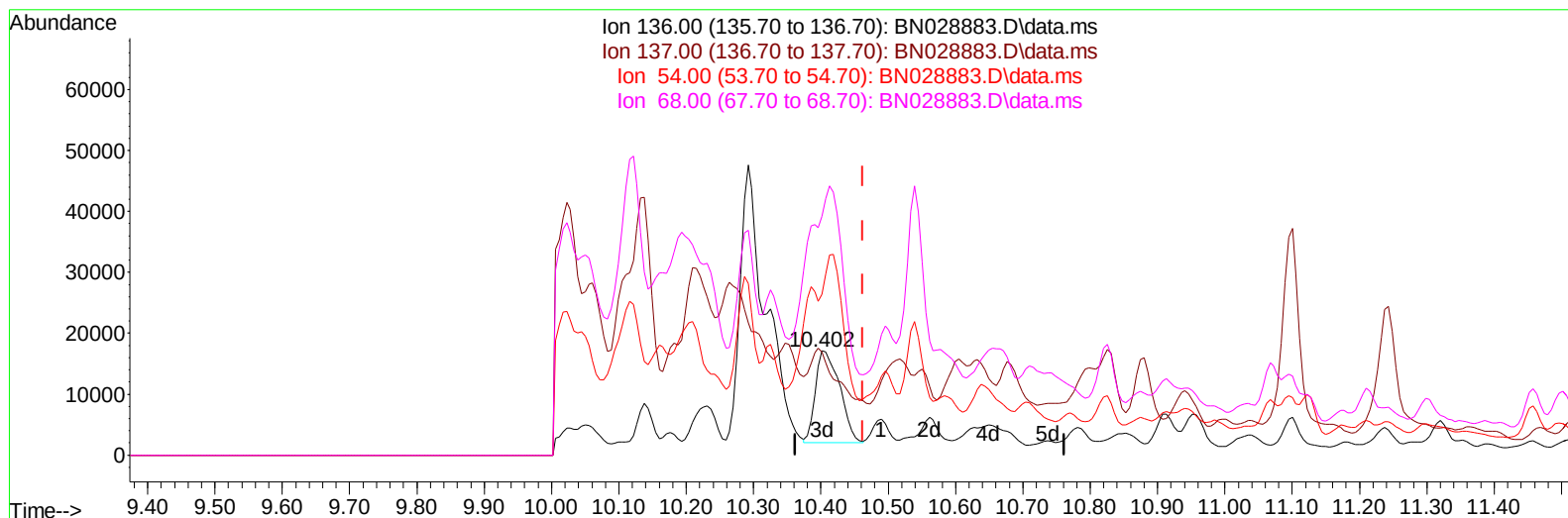
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(4) Naphthalene-d8 (I)

10.402min (-0.061) 0.40 ng/ul m

response 37711

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	98.97#
54.00	9.00	154.59#
68.00	7.10	229.35#

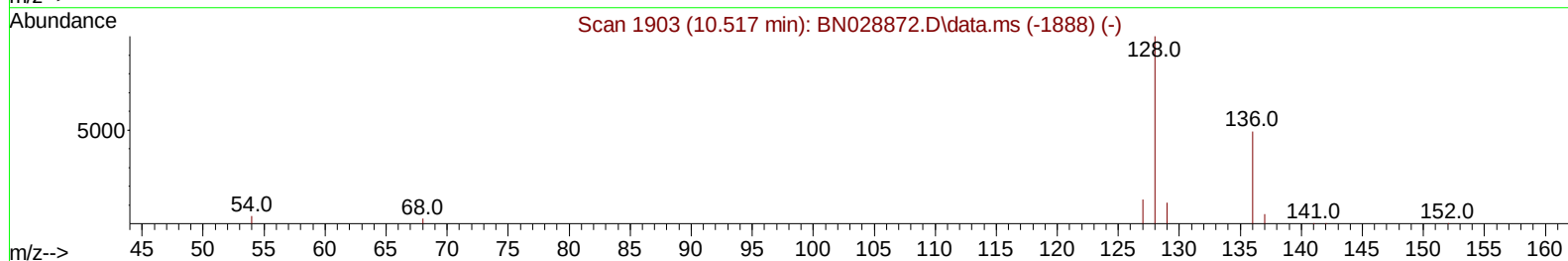
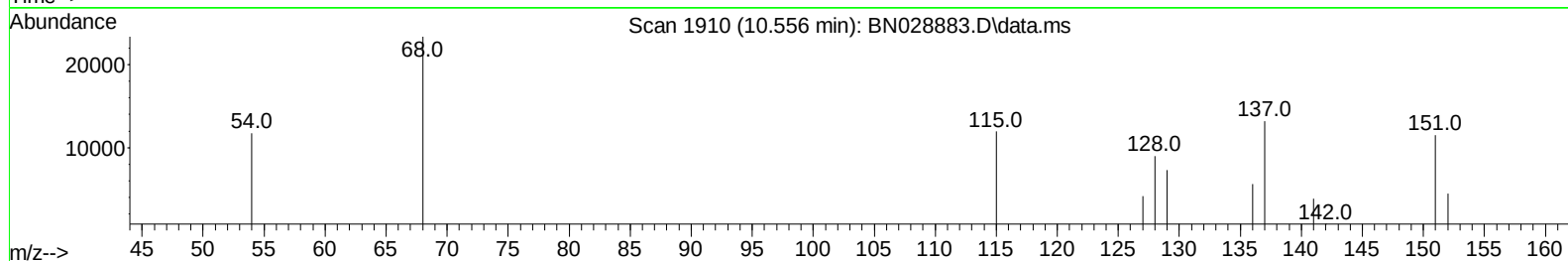
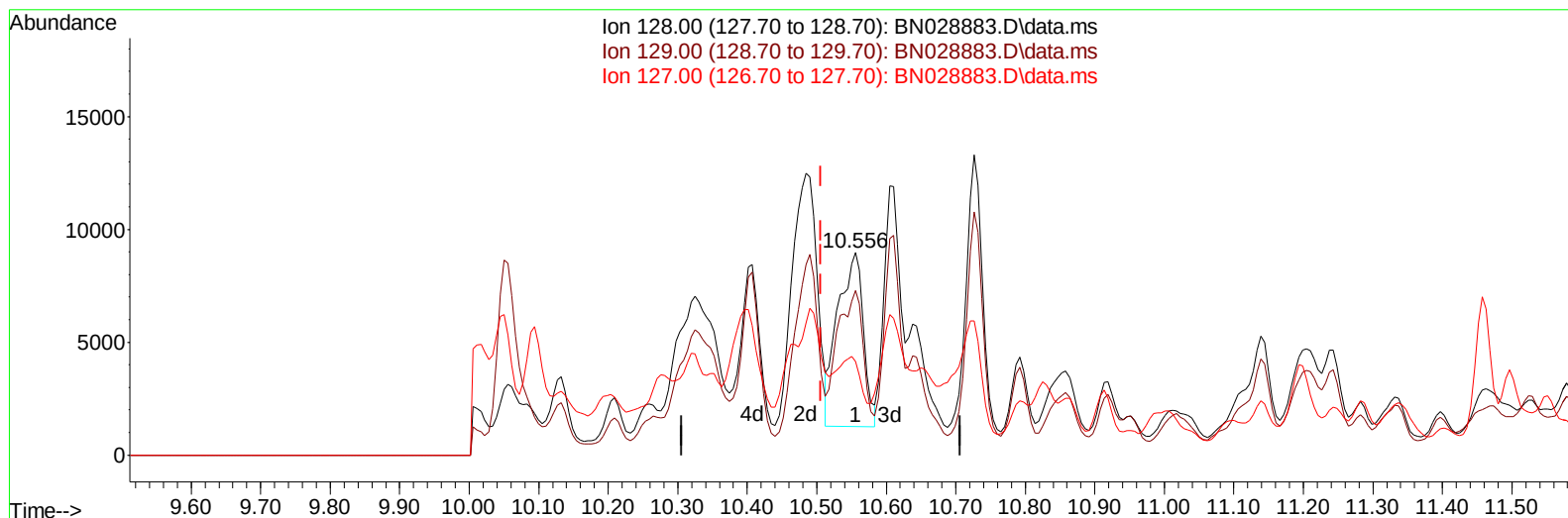
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(5) Naphthalene

10.556min (+ 0.049) 0.19 ng/u1

response 19850

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.50	81.10#
127.00	13.40	46.13#
0.00	0.00	0.00

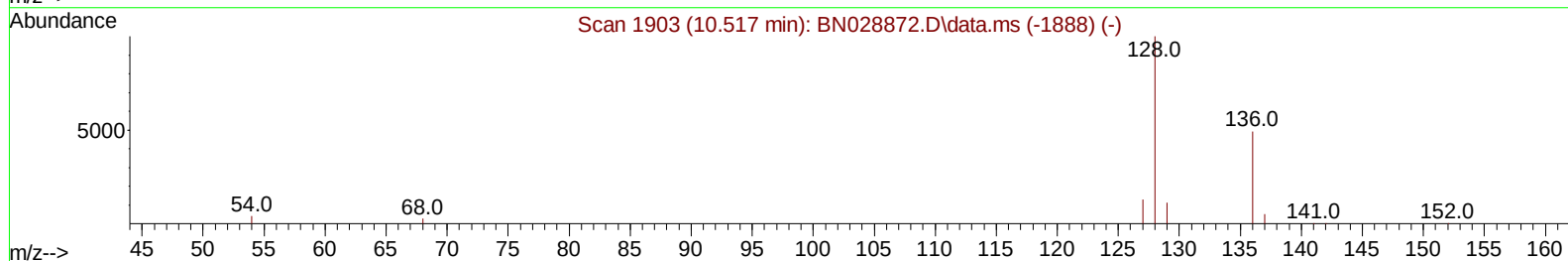
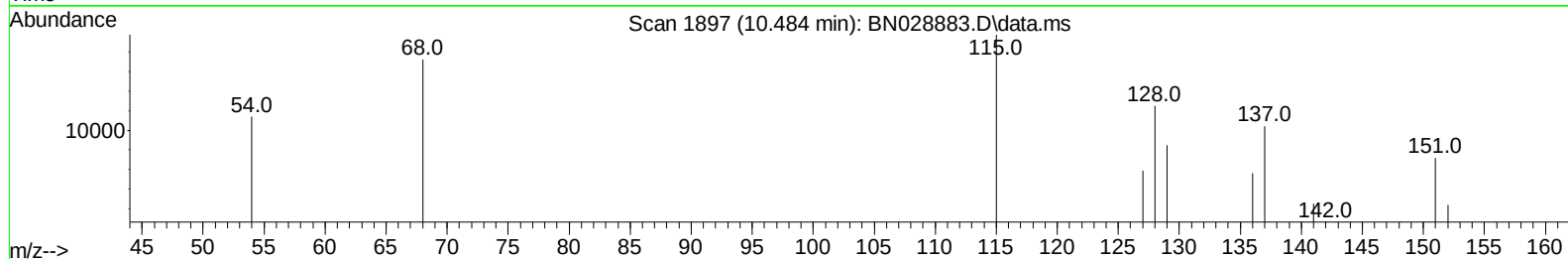
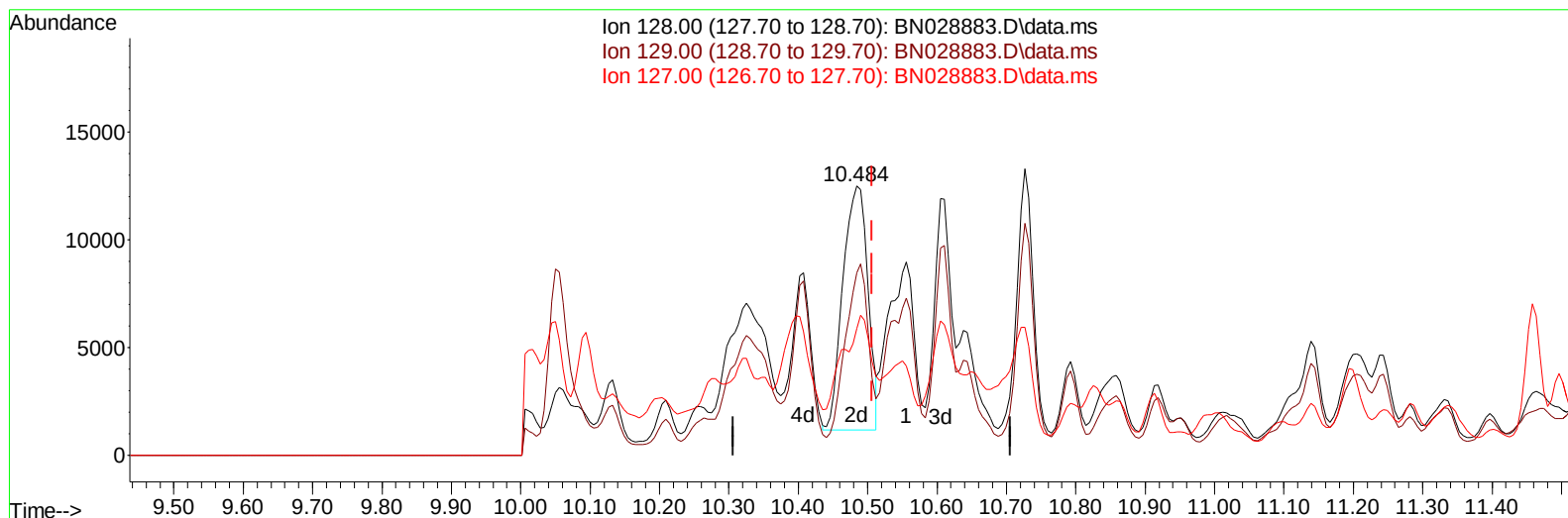
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(5) Naphthalene

10.484min (-0.022) 0.27 ng/ul m

response 28406

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.50	67.70#
127.00	13.40	46.95#
0.00	0.00	0.00

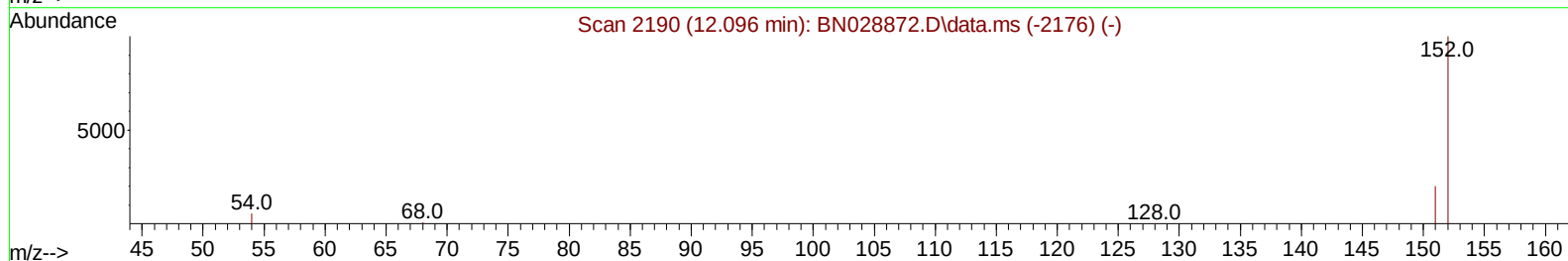
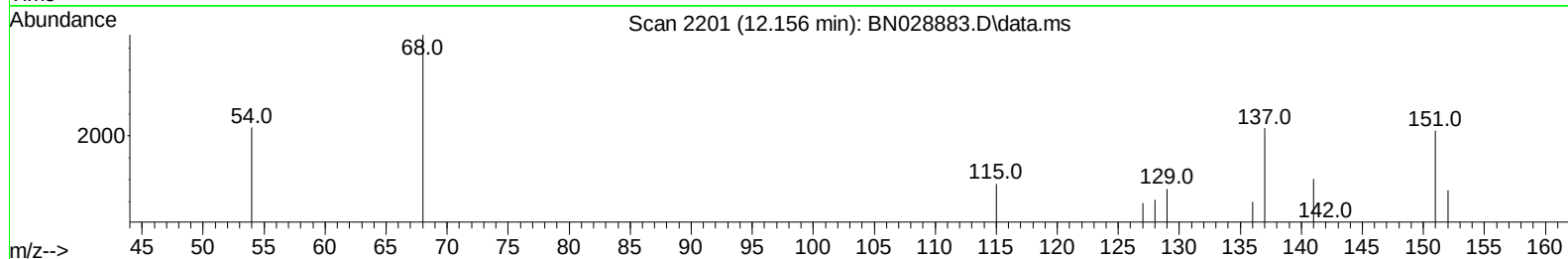
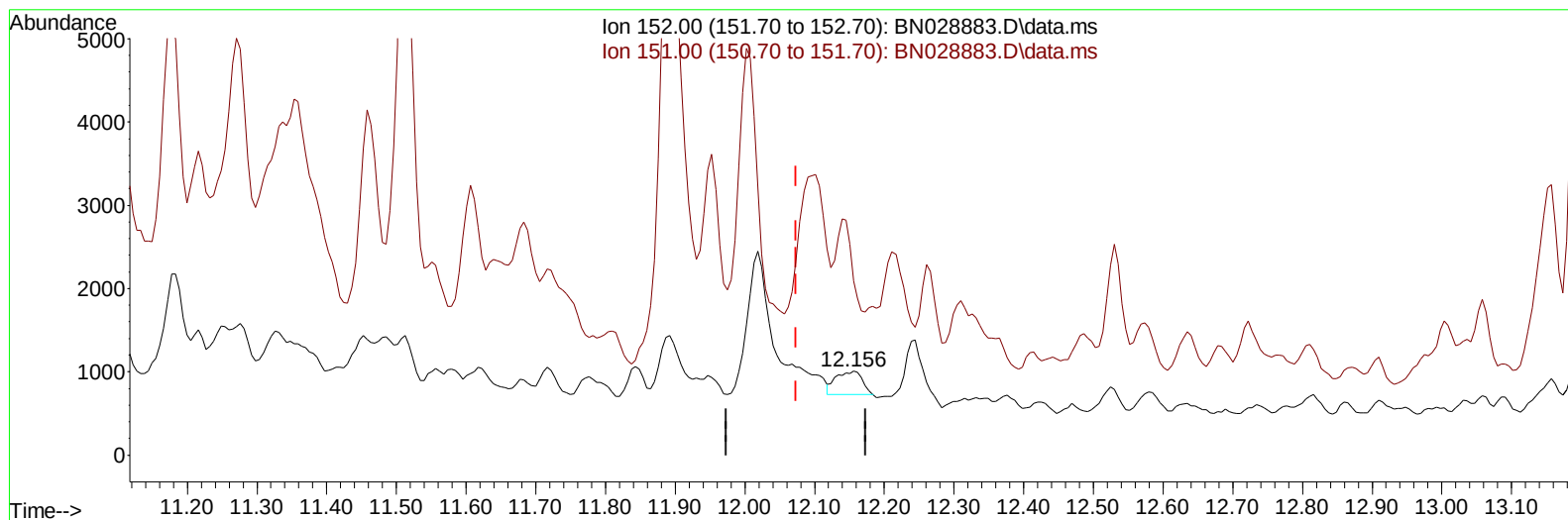
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.156min (+ 0.082) 0.01 ng/u1

response 722

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	236.15#
0.00	0.00	0.00
0.00	0.00	0.00

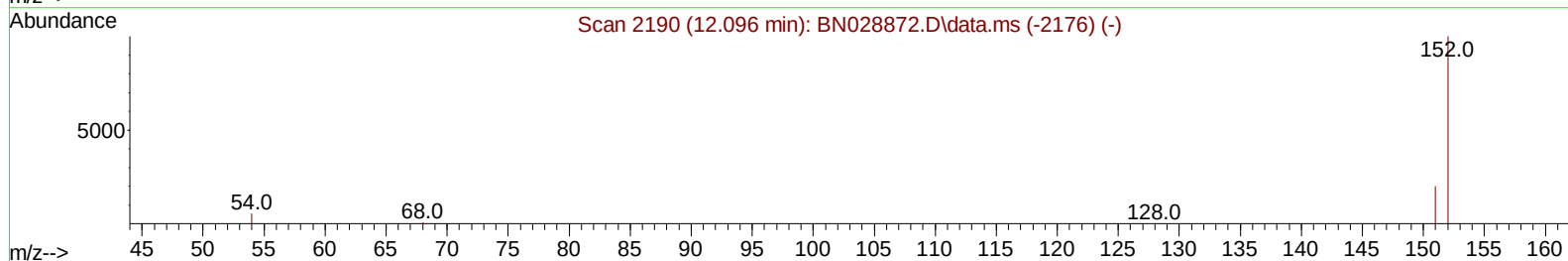
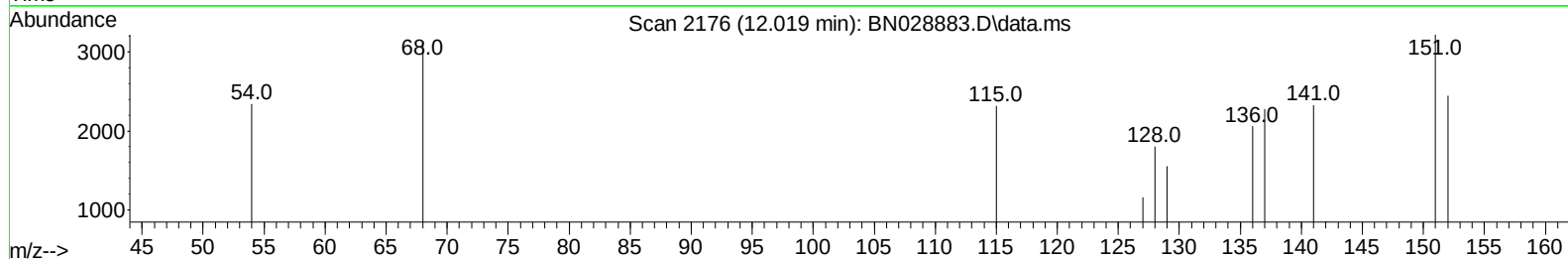
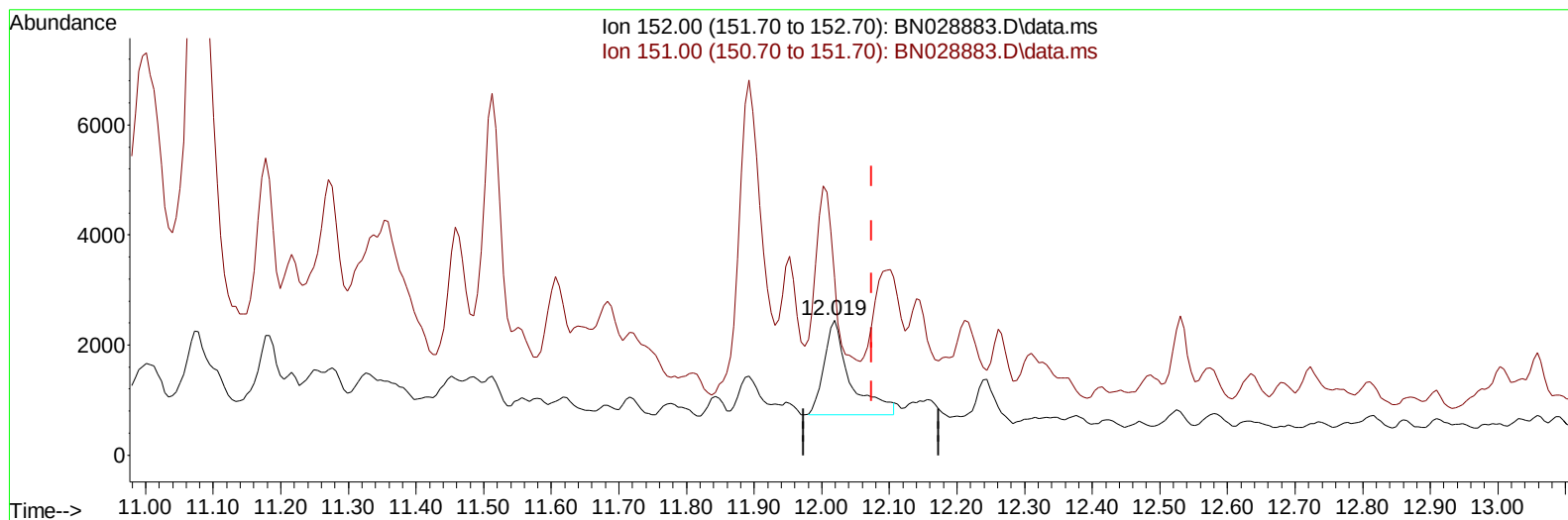
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.019min (-0.055) 0.08 ng/ul m

response 4654

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	36.64#
0.00	0.00	0.00
0.00	0.00	0.00

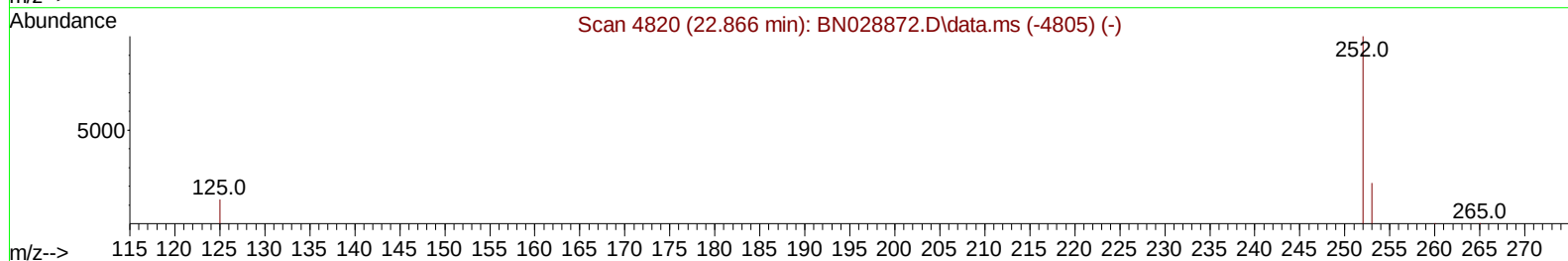
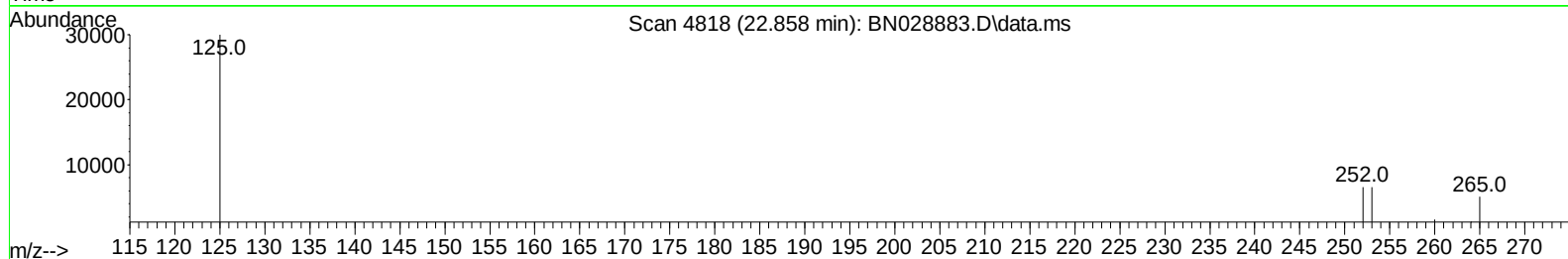
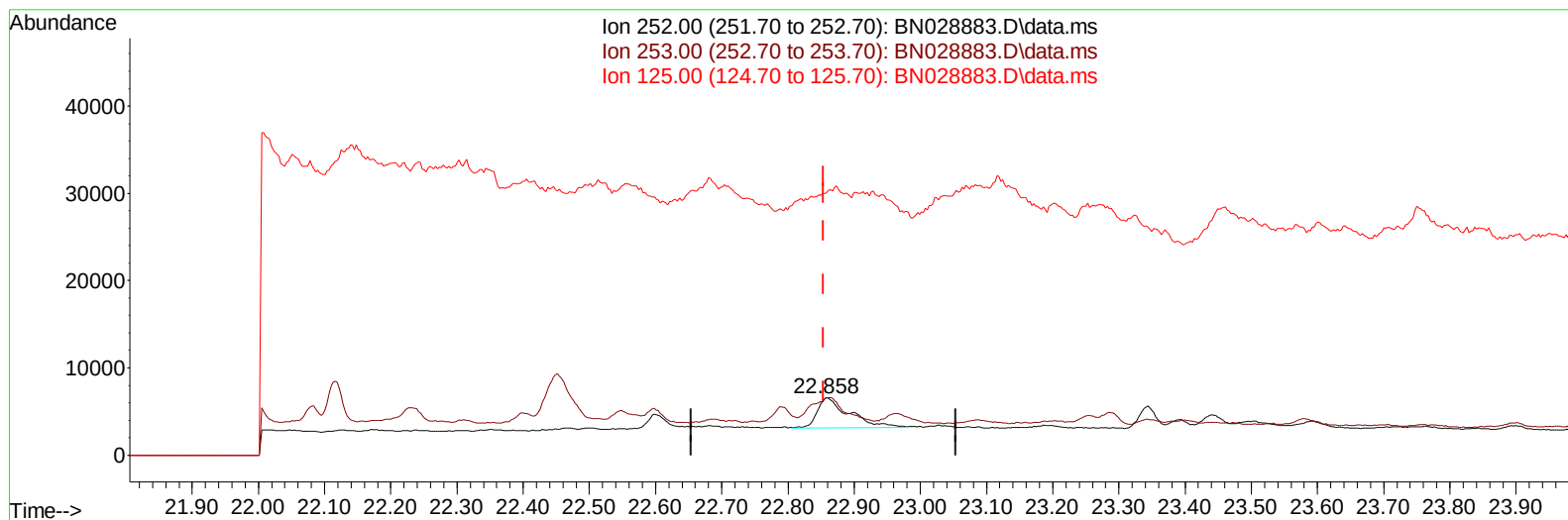
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(24) Benzo(b)fluoranthene

22.858min (+ 0.004) 0.19 ng/u1

response 11488

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	99.86#
125.00	13.80	457.42#
0.00	0.00	0.00

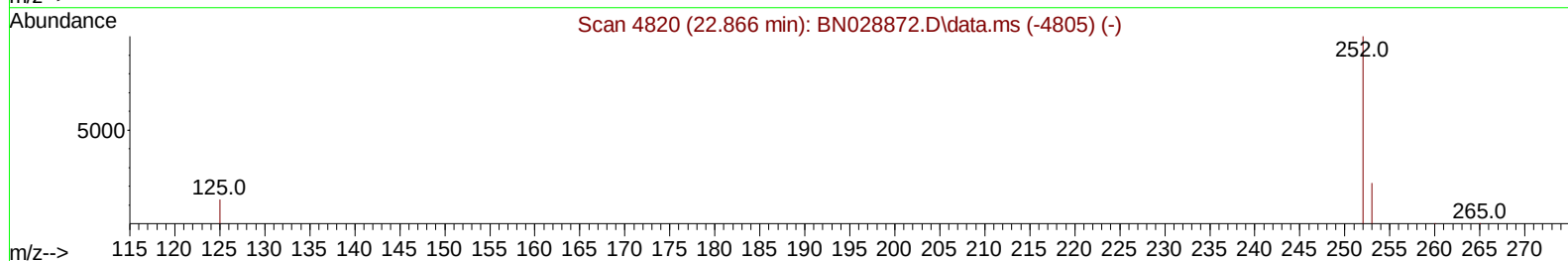
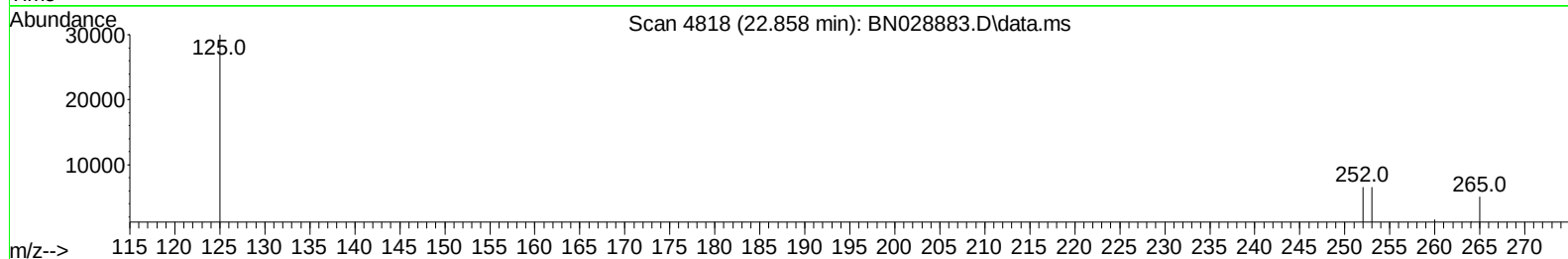
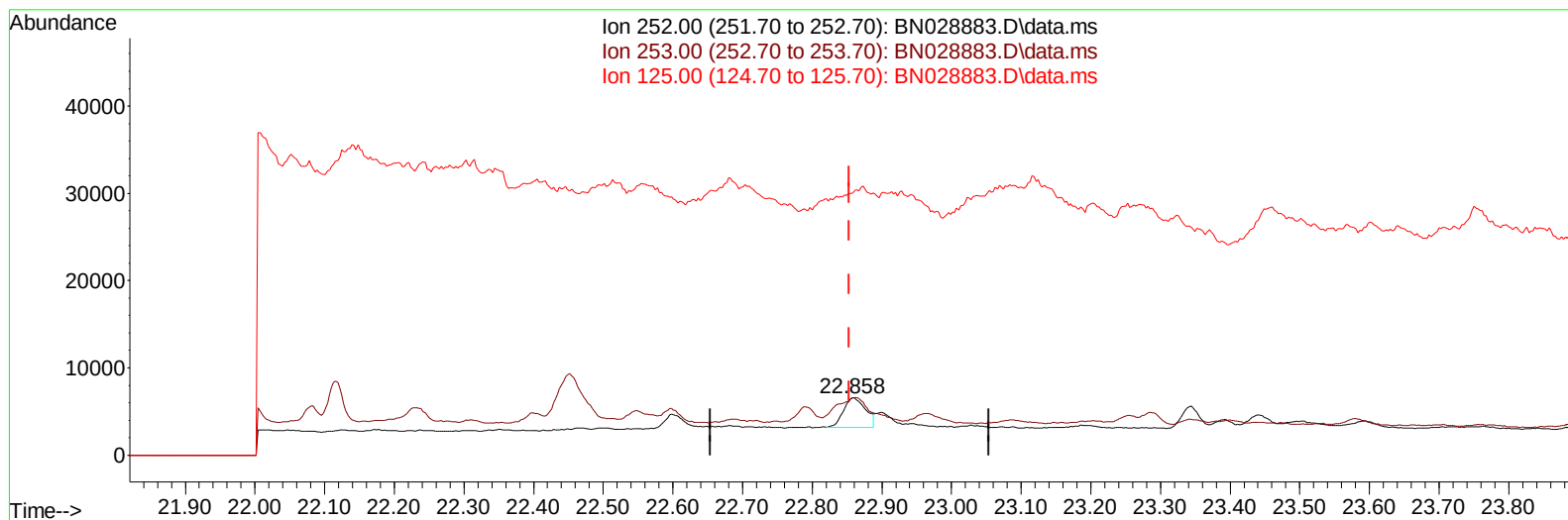
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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



TIC: BN028883.D\data.ms

(24) Benzo(b)fluoranthene

22.858min (+ 0.004) 0.12 ng/ul m

response 7531

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	99.86#
125.00	13.80	457.42#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028883.D
 Acq On : 27 Nov 2023 17:29
 Operator : MA/JU
 Sample : 05261-16RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0RE

Manual IntegrationsAPPROVED

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

Quant Time: Nov 28 04:24:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	33995	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.402	136	37711m	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.288	164	9665	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.043	188	18719	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.266	240	14133	0.400	ng/ul	# 0.00
23) Perylene-d12	23.542	264	16371	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.095	96	13246m	0.353	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.019	152	4654m	0.082	ng/ul	-0.06
18) Fluoranthene-d10	19.089	212	6953	0.153	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	10.484	128	28406m	0.269	ng/ul	
19) Fluoranthene	19.117	202	14060	0.234	ng/ul#	69
20) Pyrene	19.479	202	25681	0.412	ng/ul#	75
21) Benzo(a)anthracene	21.251	228	3286	0.059	ng/ul#	1
22) Chrysene	21.277	228	28963	0.530	ng/ul#	74
24) Benzo(b)fluoranthene	22.858	252	7531m	0.123	ng/ul	
29) Benzo(g,h,i)perylene	26.587	276	5276	0.100	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028883.D
Acq On : 27 Nov 2023 17:29
Operator : MA/JU
Sample : 05261-16RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0RE

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:24:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

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

