

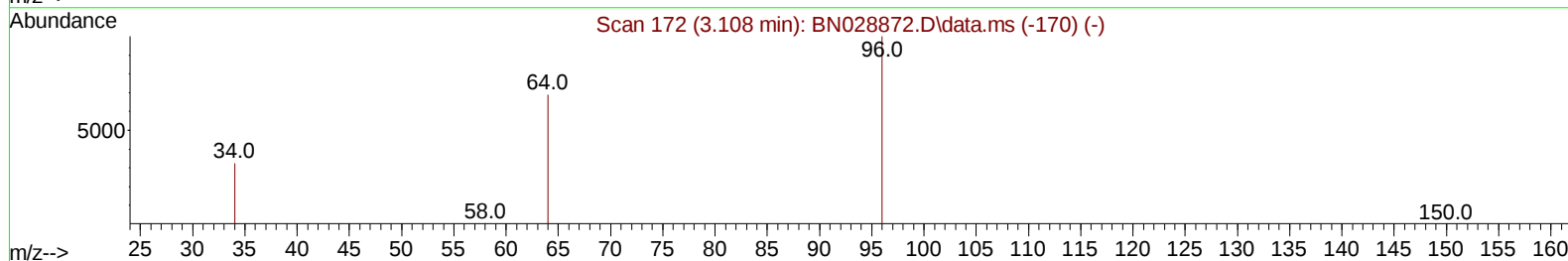
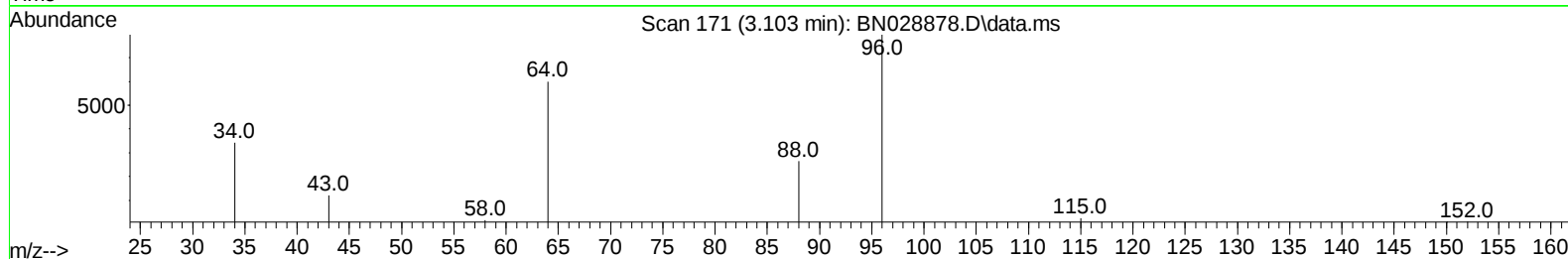
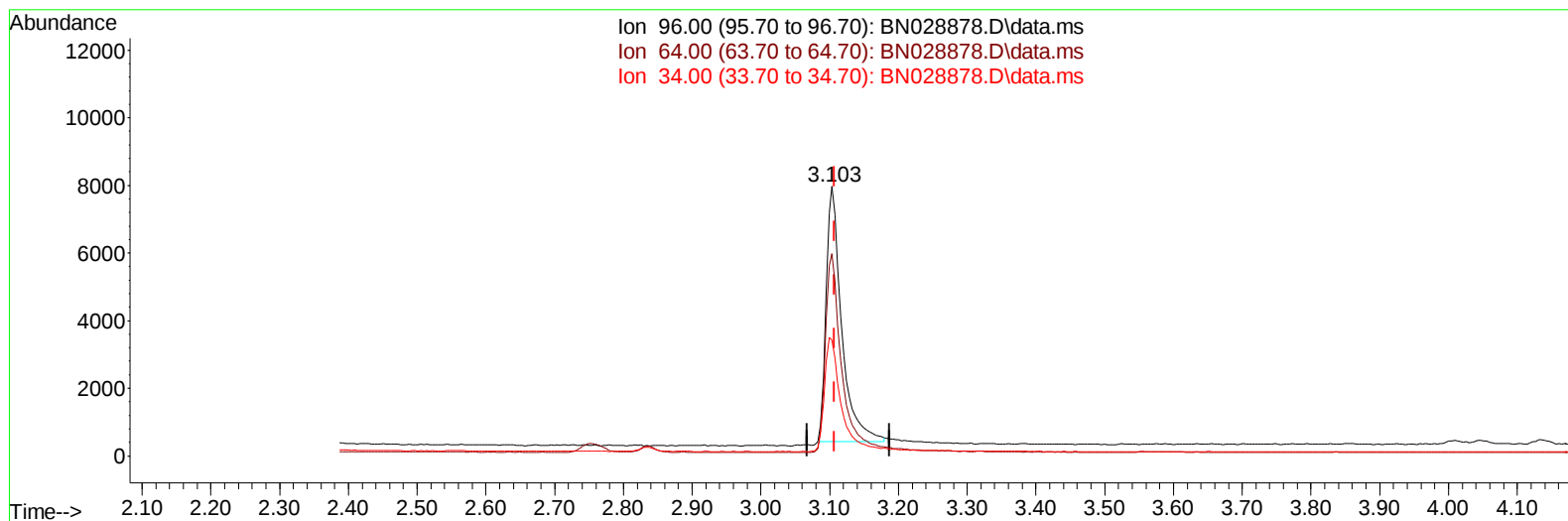
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

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

3.103min (-0.004) 0.32 ng/u1

response 11861

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	75.21
34.00	38.60	43.08
0.00	0.00	0.00

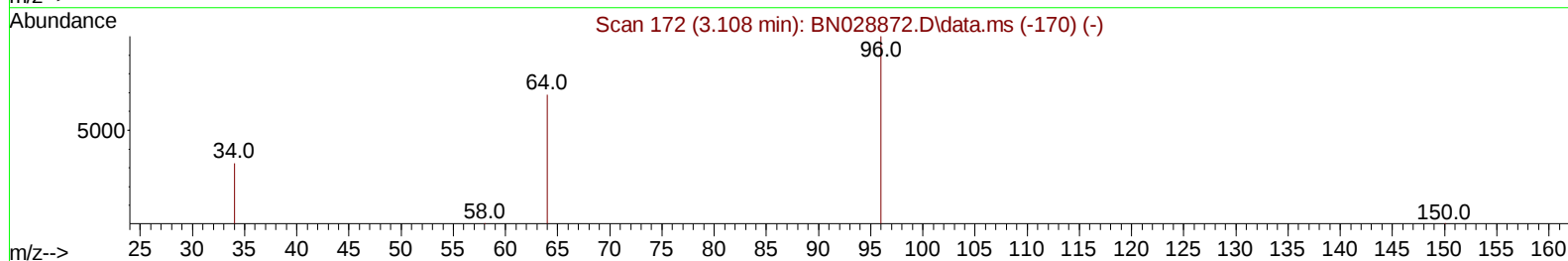
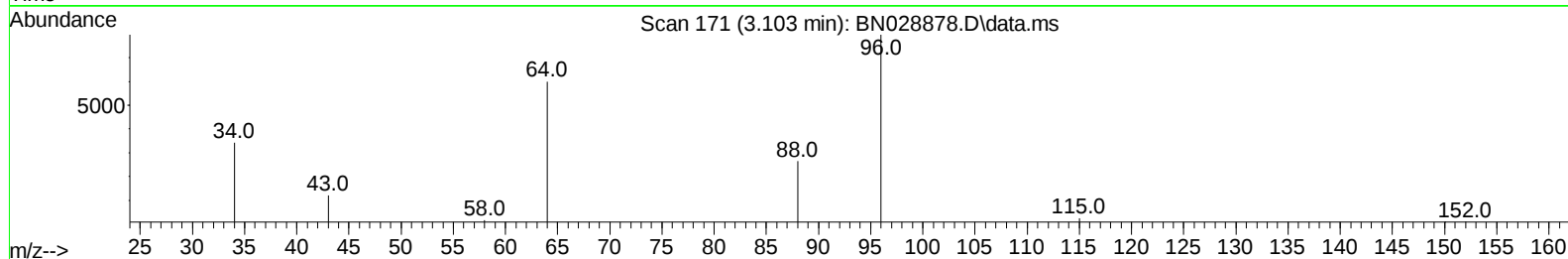
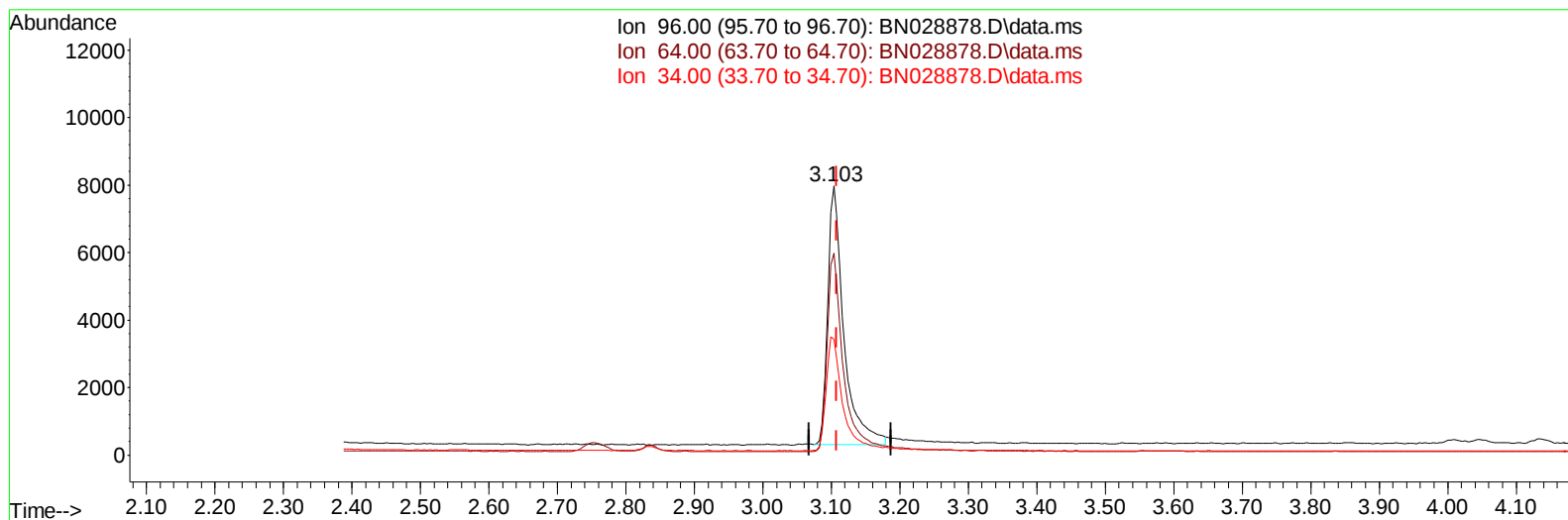
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

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

3.103min (-0.004) 0.34 ng/ul m

response 12600

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	75.21
34.00	38.60	43.08
0.00	0.00	0.00

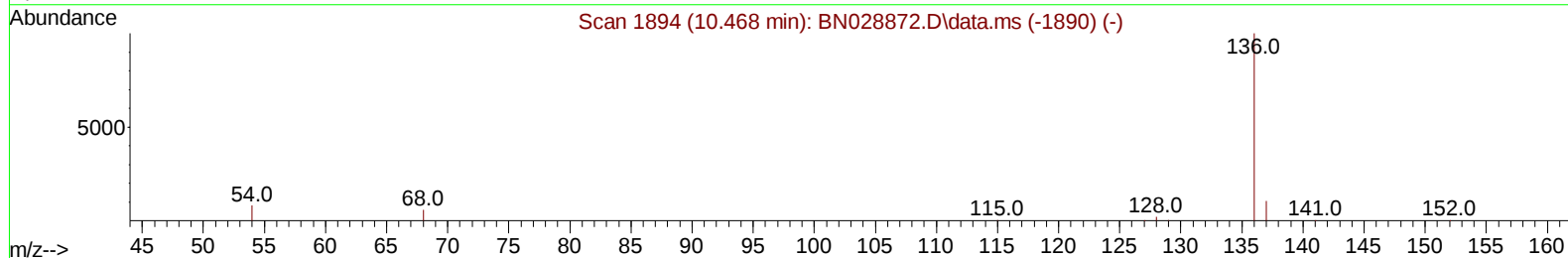
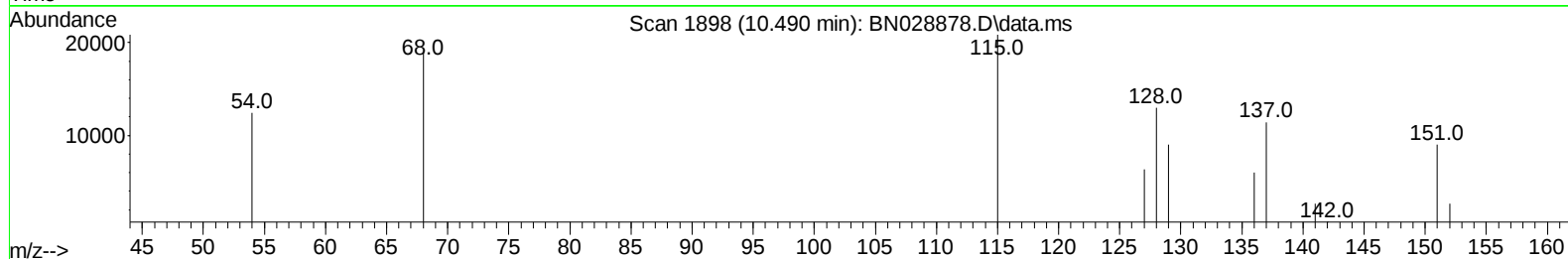
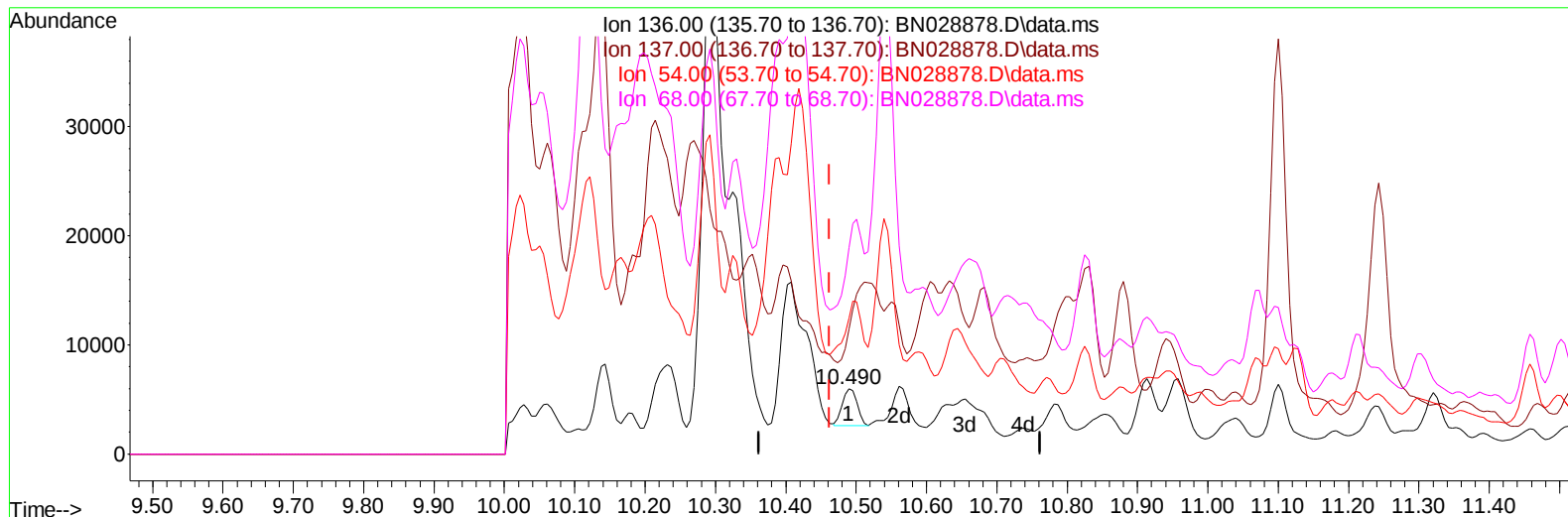
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028878.D
Acq On : 27 Nov 2023 14:16
Operator : MA/JU
Sample : 05261-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (+ 0.027) 0.40 ng/u1

response 5023

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	190.55#
54.00	9.00	207.27#
68.00	7.10	315.49#

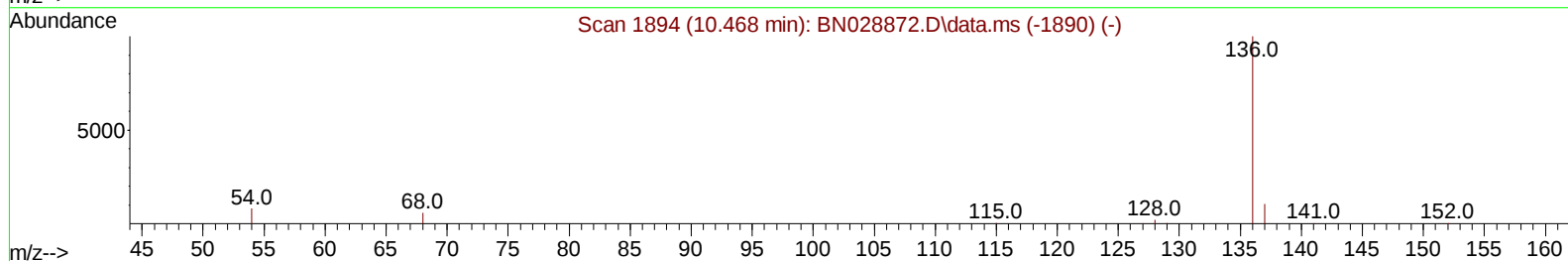
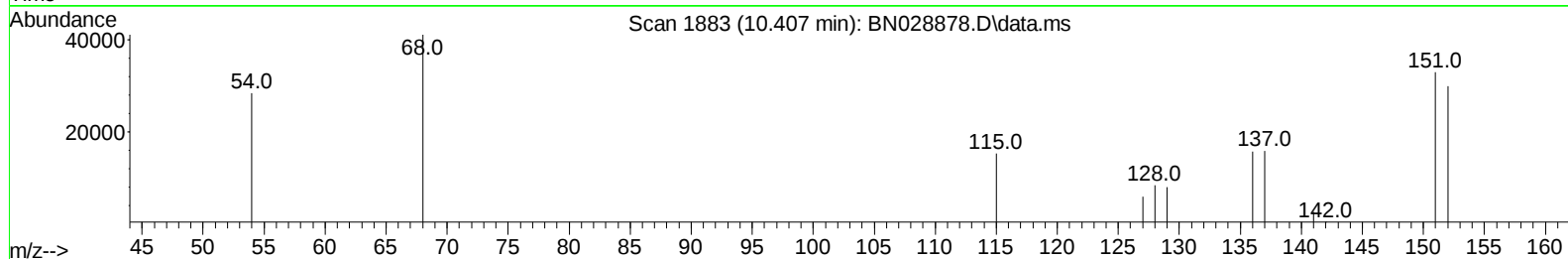
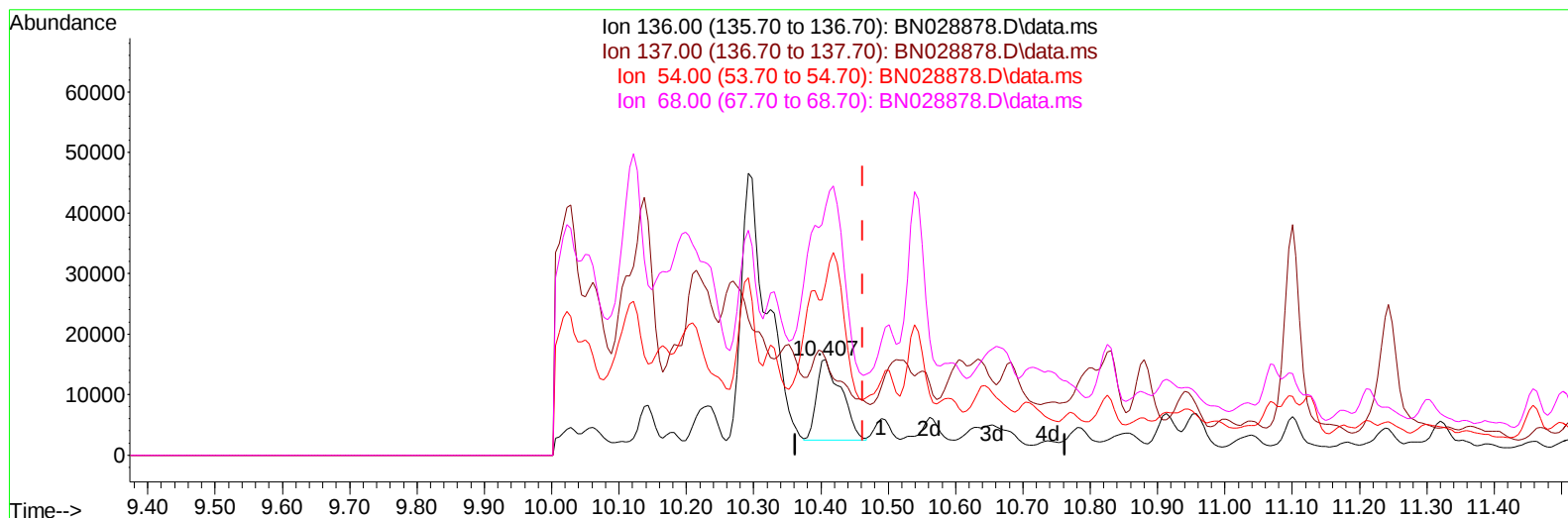
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028878.D
Acq On : 27 Nov 2023 14:16
Operator : MA/JU
Sample : 05261-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(4) Naphthalene-d8 (I)

10.407min (-0.055) 0.40 ng/ul m

response 34303

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	101.07#
54.00	9.00	180.81#
68.00	7.10	261.14#

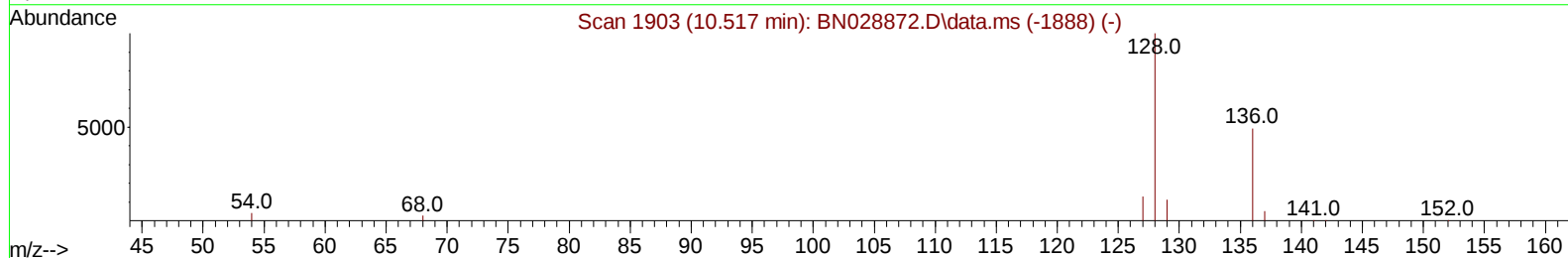
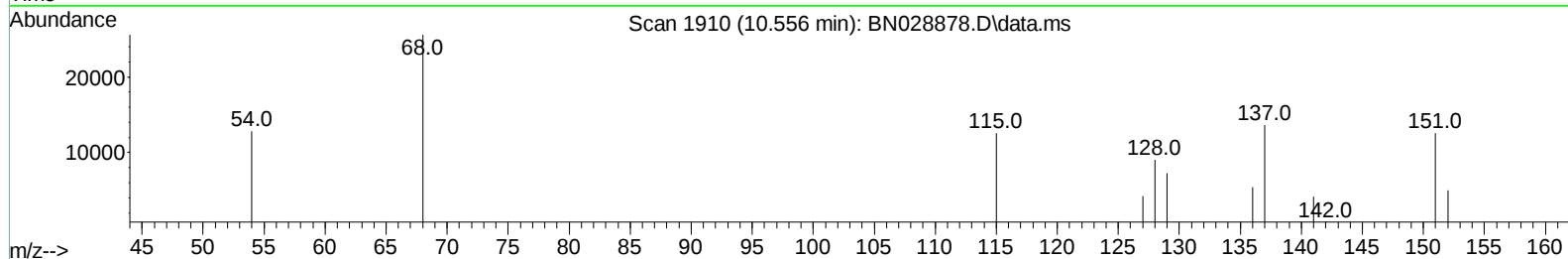
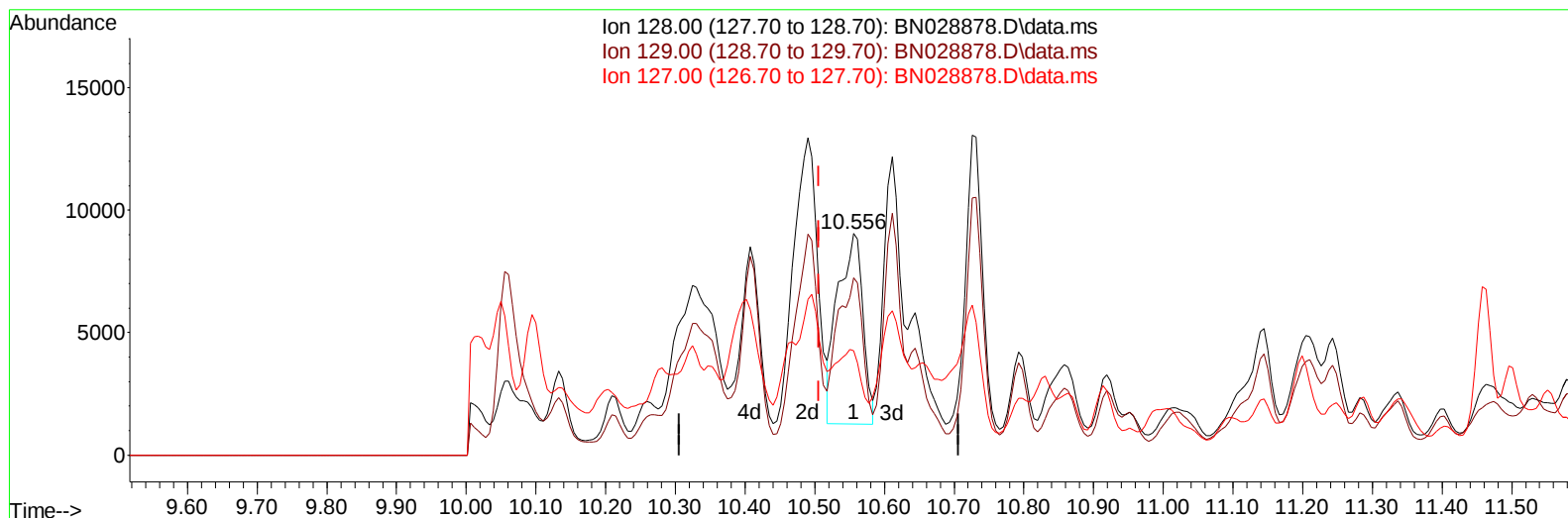
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(5) Naphthalene

10.556min (+ 0.049) 0.20 ng/u1

response 19596

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.50	80.00#
127.00	13.40	47.24#
0.00	0.00	0.00

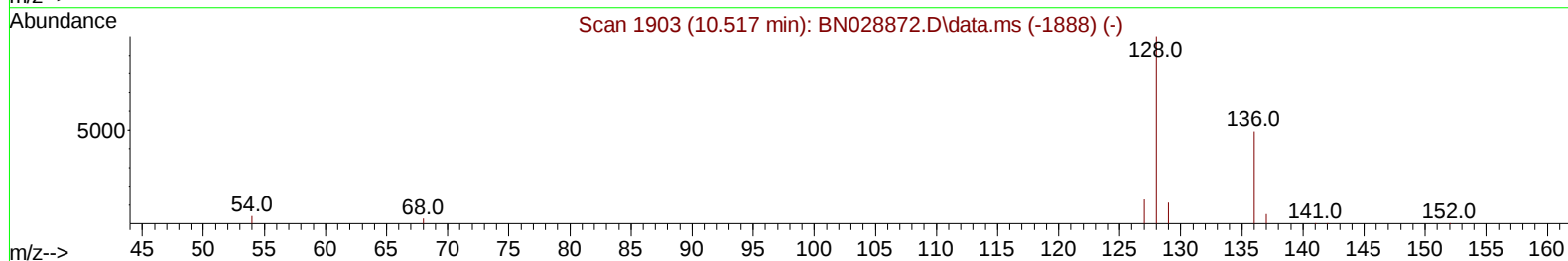
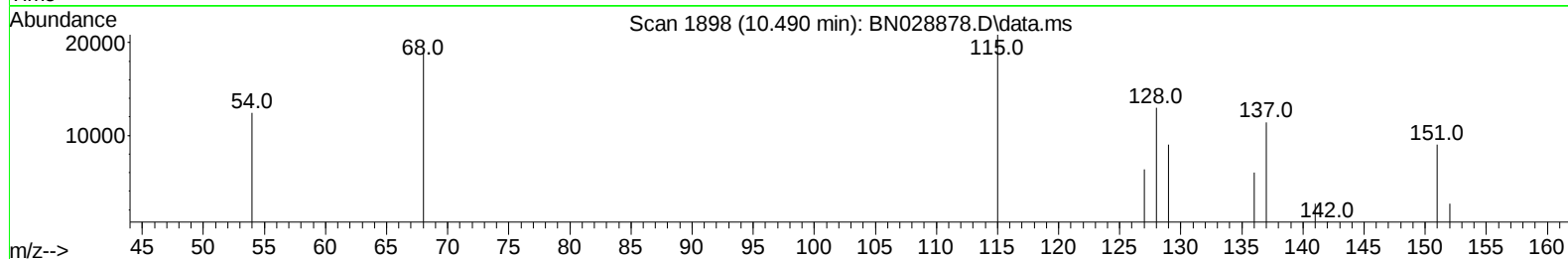
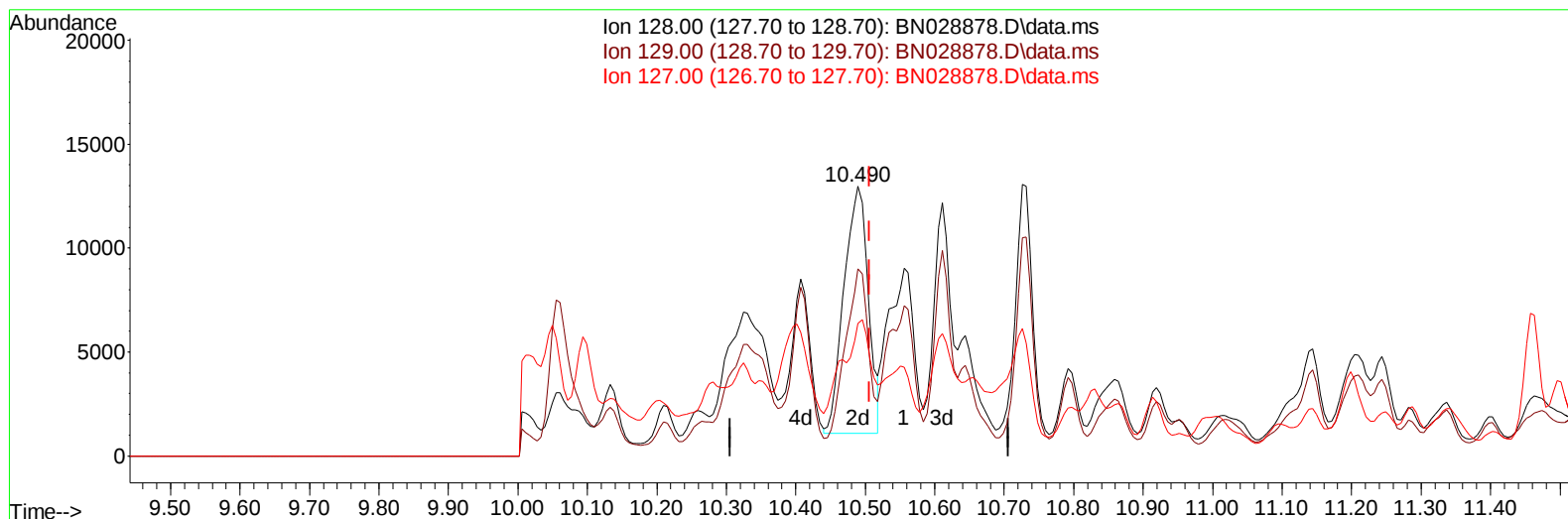
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(5) Naphthalene

10.490min (-0.017) 0.29 ng/ul m

response 28337

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	11.50	69.54#
127.00	13.40	49.07#
0.00	0.00	0.00

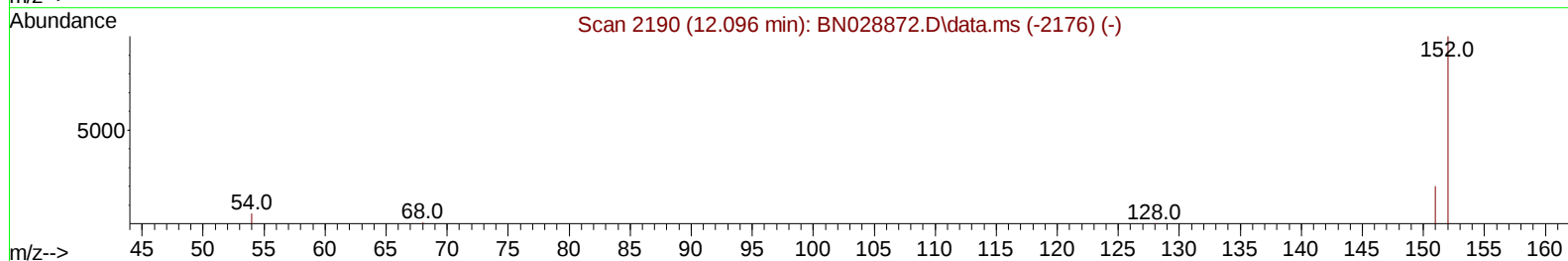
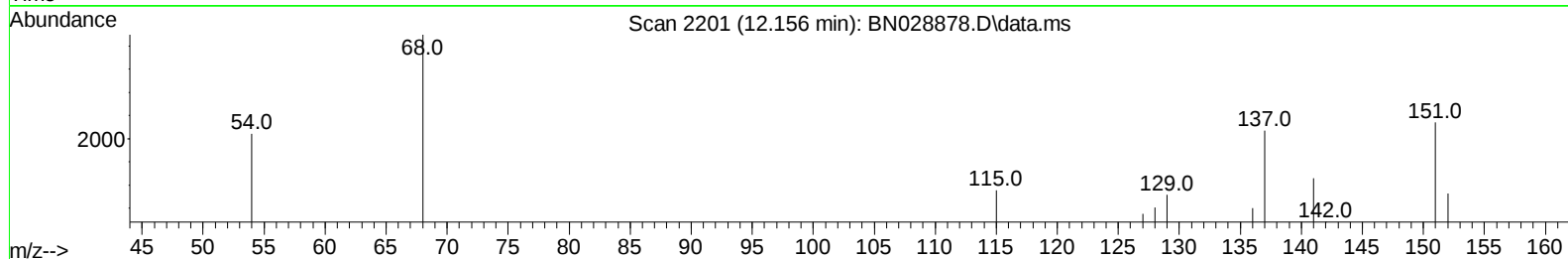
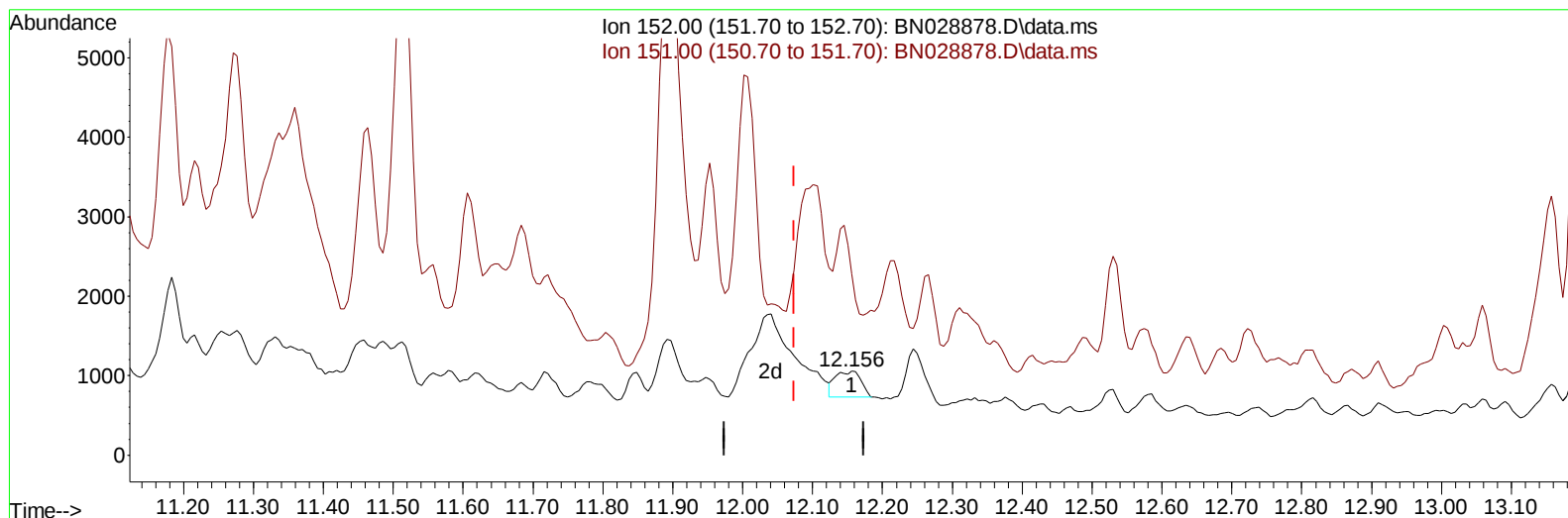
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.156min (+ 0.082) 0.02 ng/u1

response 817

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	185.56#
0.00	0.00	0.00
0.00	0.00	0.00

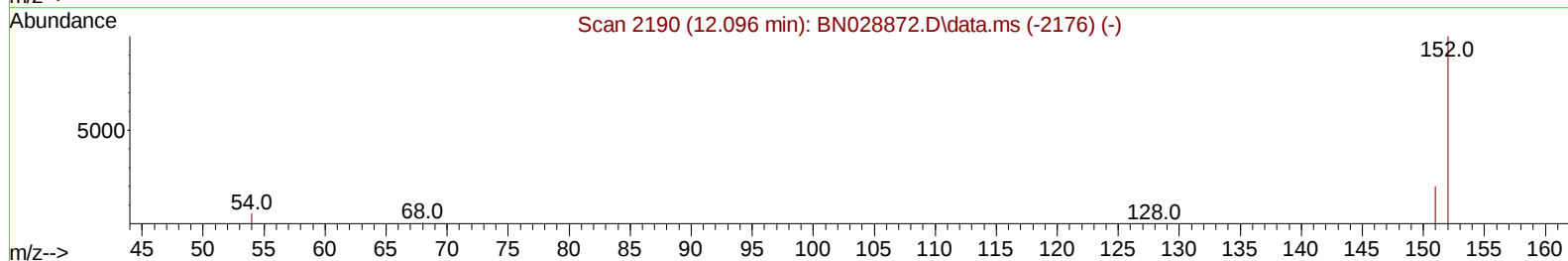
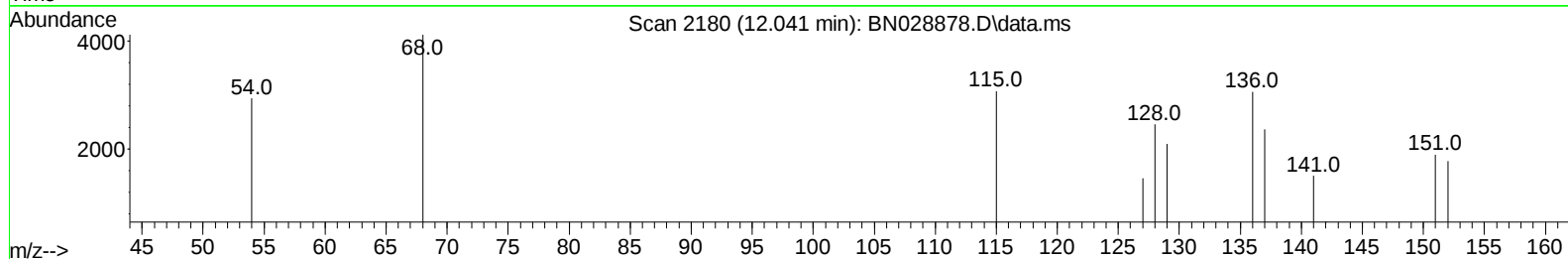
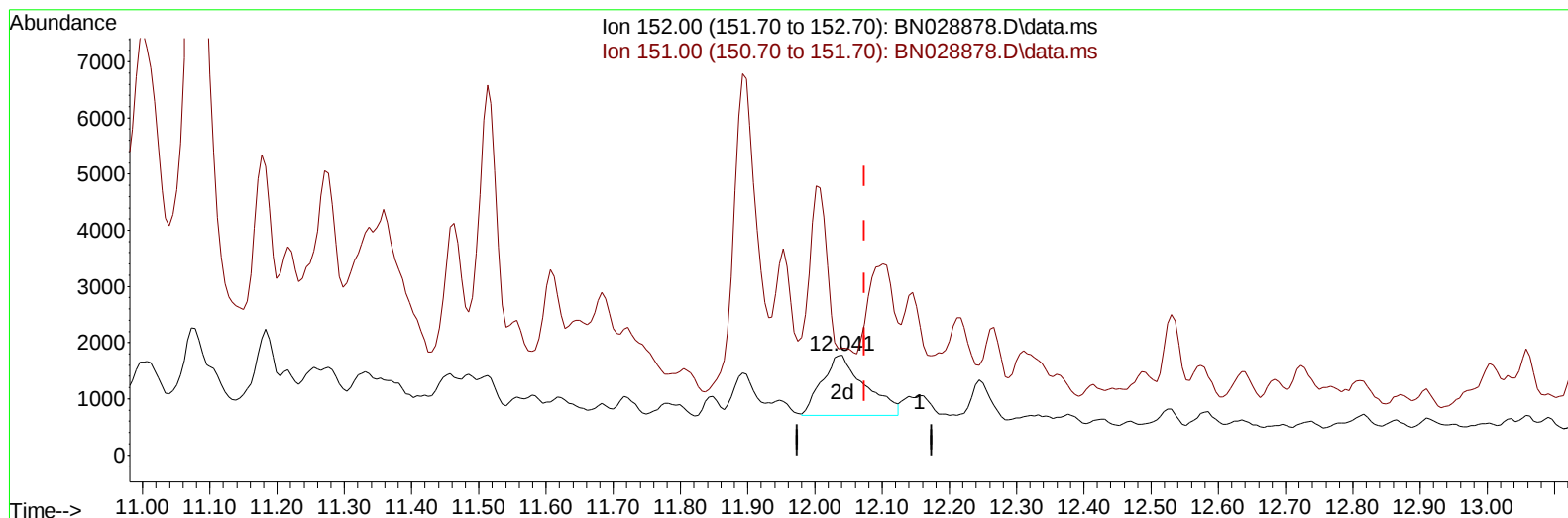
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.041min (-0.033) 0.09 ng/u1 m

response 4746

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	31.94#
0.00	0.00	0.00
0.00	0.00	0.00

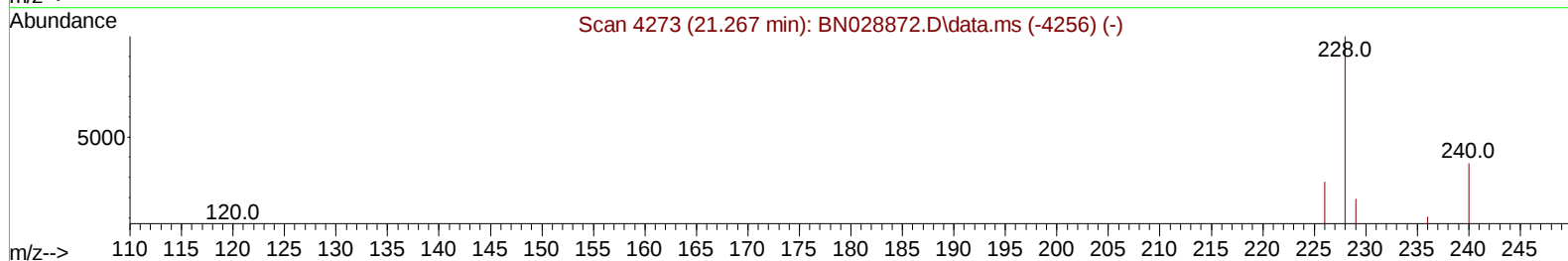
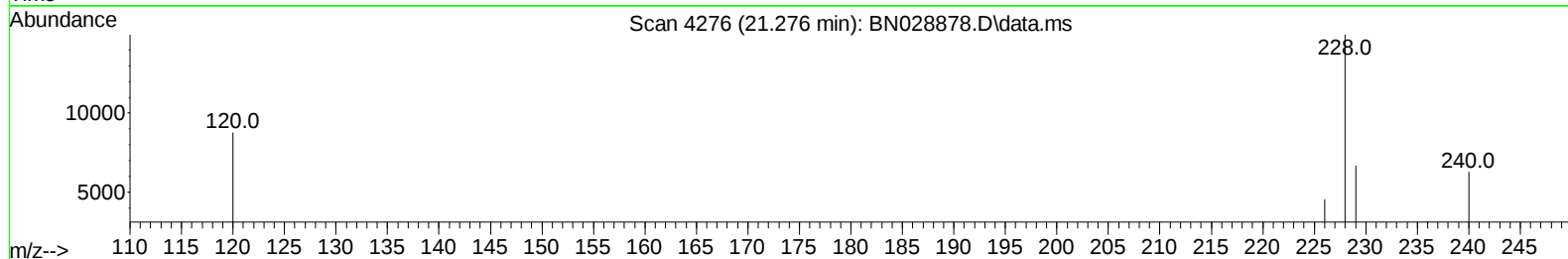
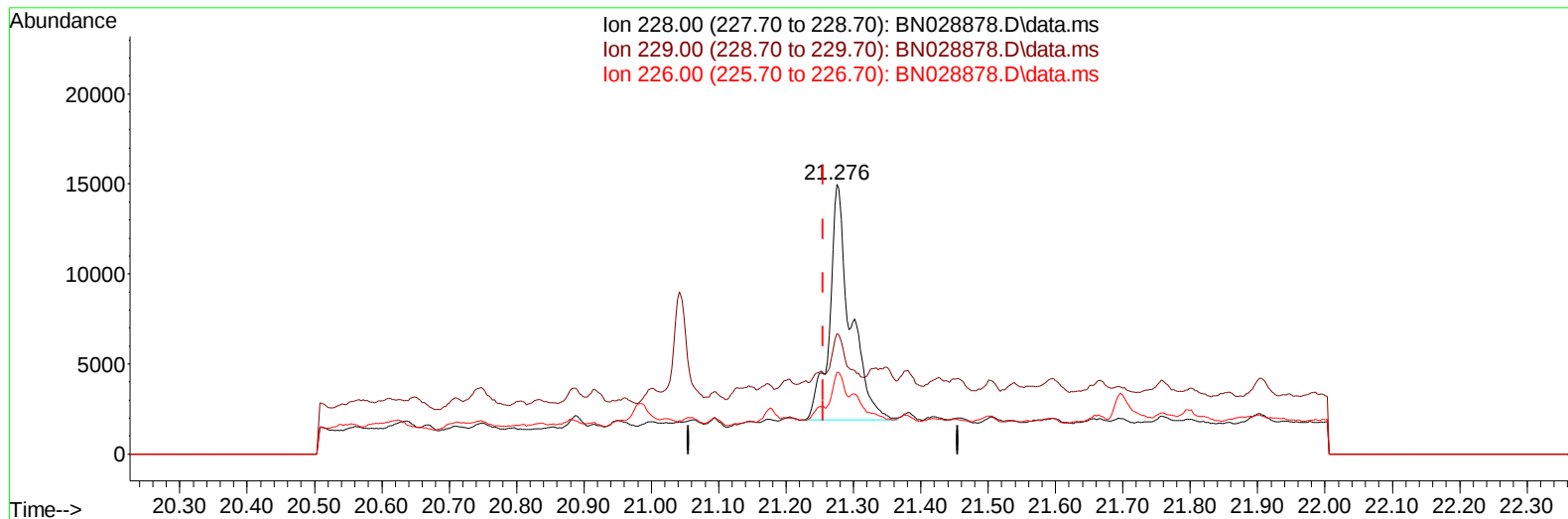
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028878.D
Acq On : 27 Nov 2023 14:16
Operator : MA/JU
Sample : 05261-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(21) Benzo(a)anthracene

21.276min (+ 0.020) 0.57 ng/u1

response 28052

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	44.74#
226.00	26.70	30.40
0.00	0.00	0.00

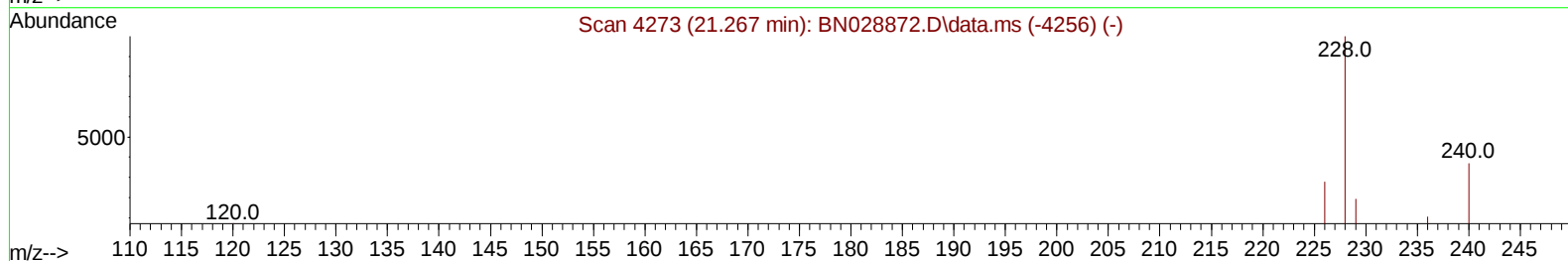
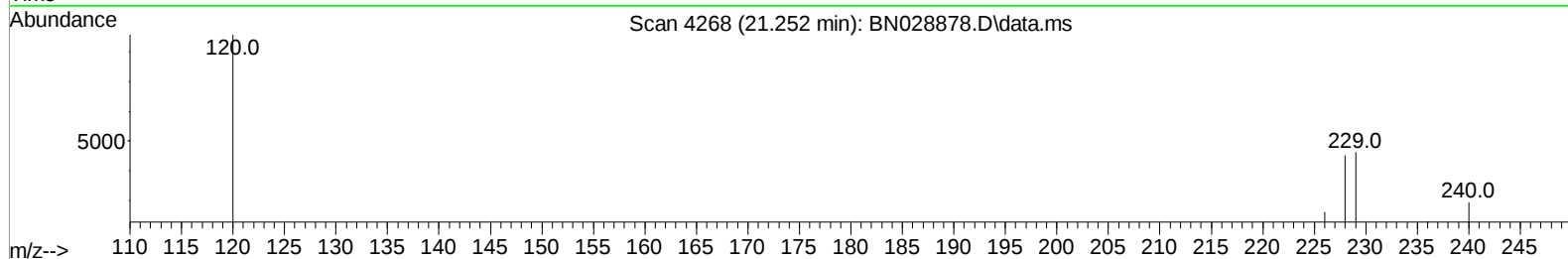
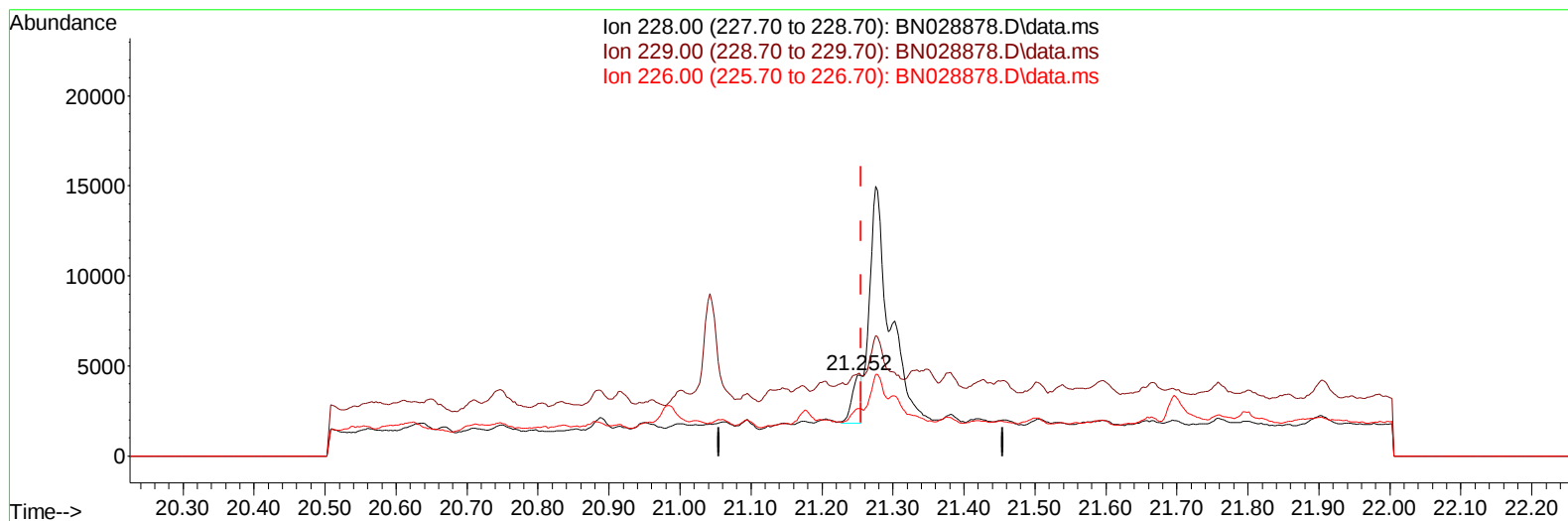
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(21) Benzo(a)anthracene

21.252min (-0.003) 0.05 ng/u1 m

response 2518

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	102.17#
226.00	26.70	57.98#
0.00	0.00	0.00

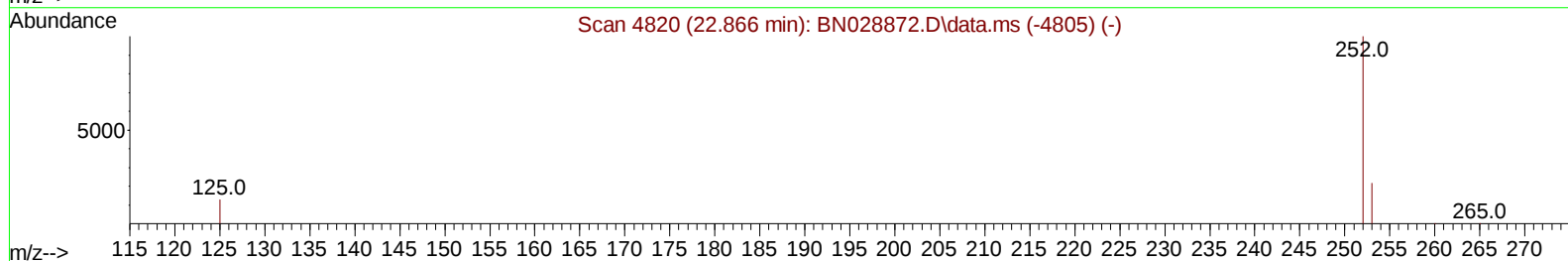
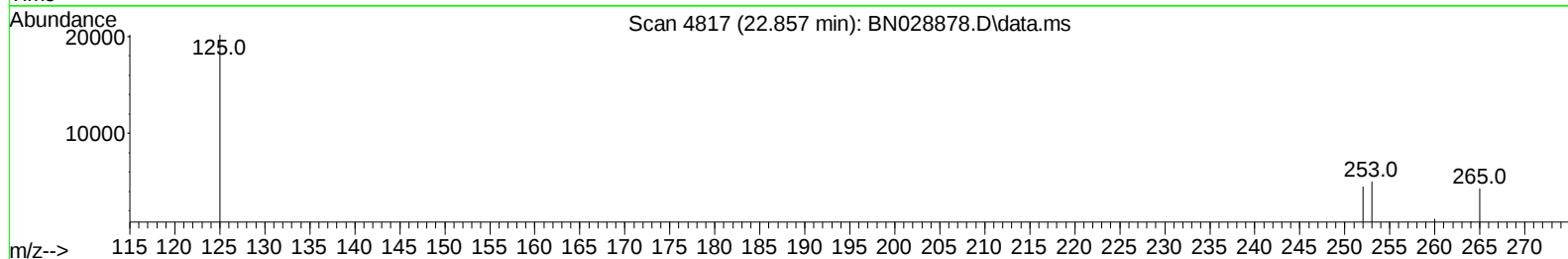
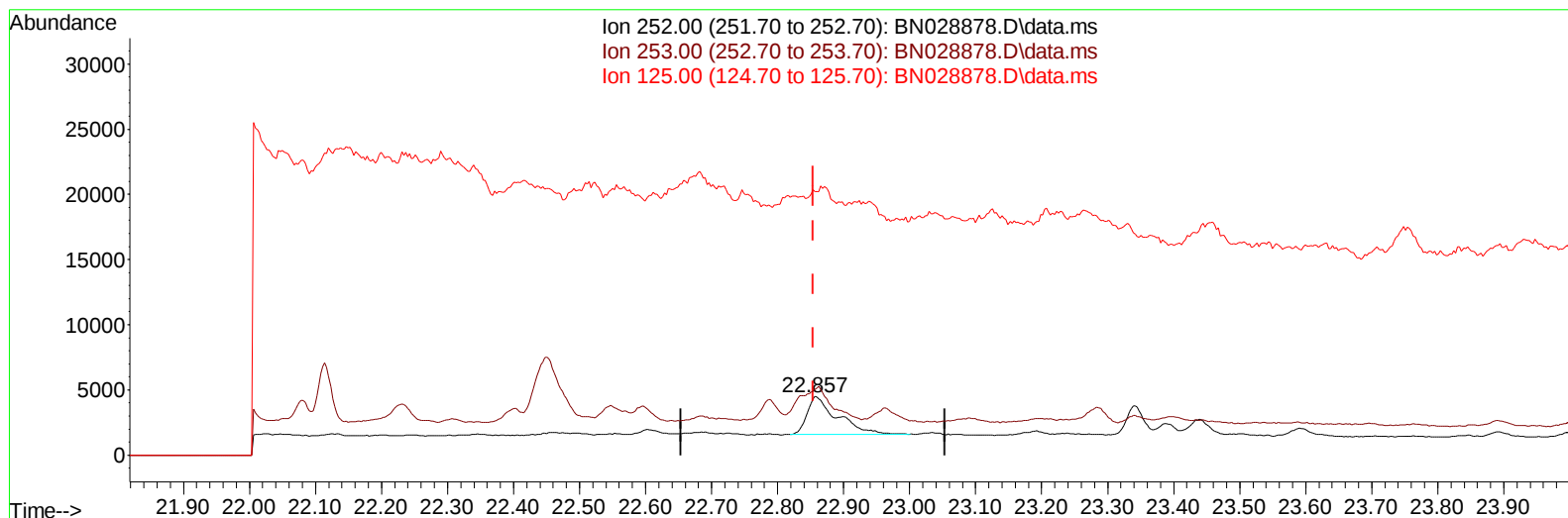
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(24) Benzo(b)fluoranthene

22.857min (+ 0.003) 0.17 ng/u1

response 9389

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	112.64#
125.00	13.80	449.41#
0.00	0.00	0.00

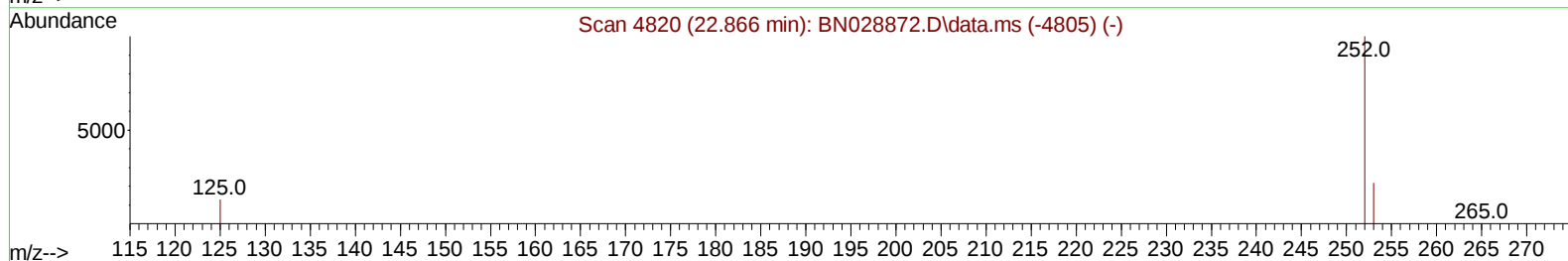
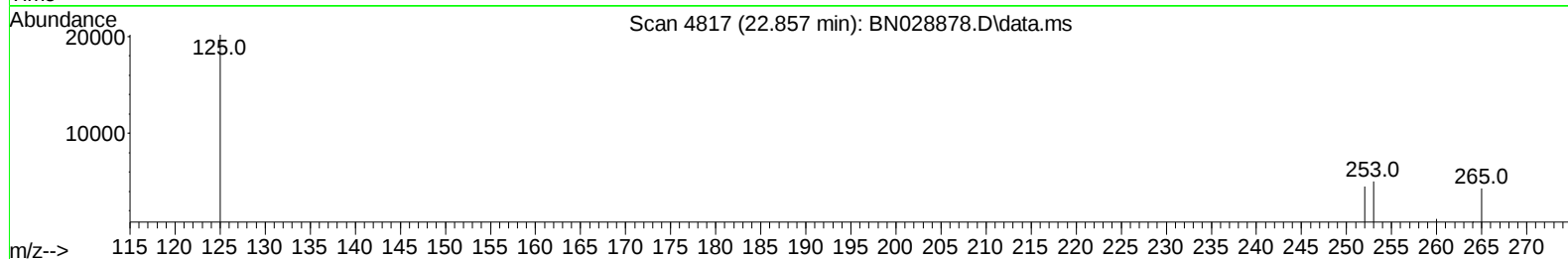
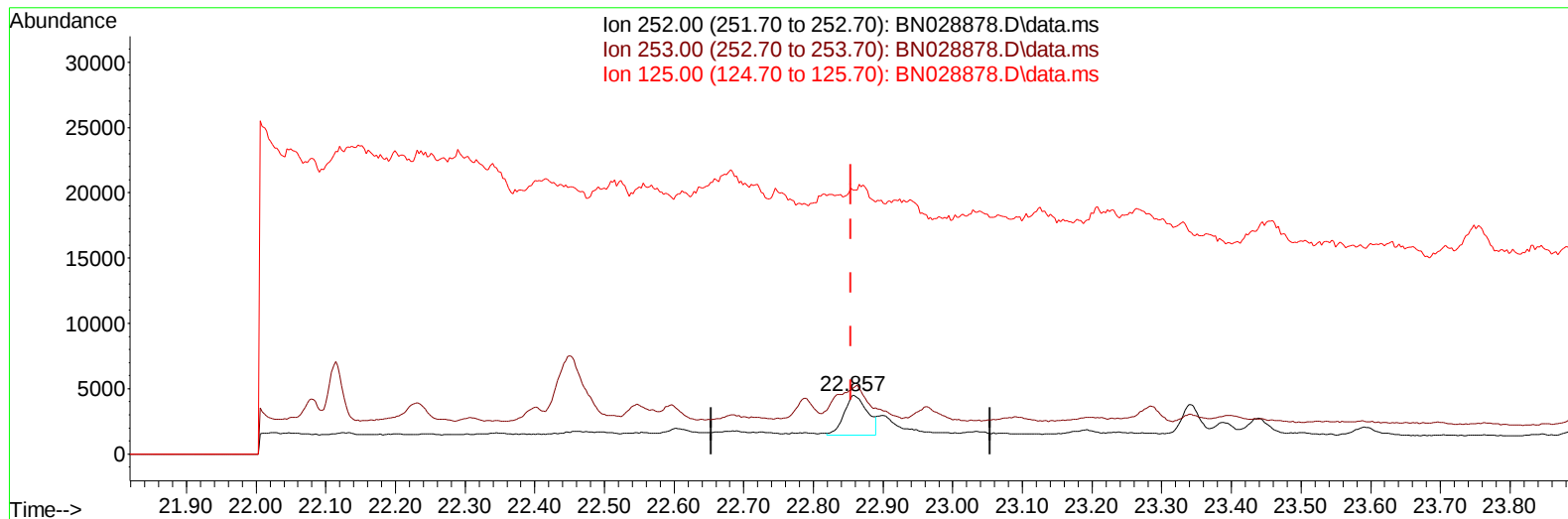
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028878.D
Acq On : 27 Nov 2023 14:16
Operator : MA/JU
Sample : 05261-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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: BN028878.D\data.ms

(24) Benzo(b)fluoranthene

22.857min (+ 0.003) 0.13 ng/u1 m

response 6982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	112.64#
125.00	13.80	449.41#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
 Data File : BN028878.D
 Acq On : 27 Nov 2023 14:16
 Operator : MA/JU
 Sample : 05261-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCKT0

Manual IntegrationsAPPROVED

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

Quant Time: Nov 28 04:06:04 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.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152		33778	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.407	136		34303m	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.289	164		9575	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.044	188		18298	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.267	240		12502	0.400	ng/ul	# 0.00
23) Perylene-d12	23.541	264		14339	0.400	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.103	96		12600m	0.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.041	152		4746m	0.092	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212		6279	0.156	ng/ul	0.00
Target Compounds					Qvalue		
5) Naphthalene	10.490	128		28337m	0.295	ng/ul	
8) 1-Methylnaphthalene	12.321	142		2082	0.032	ng/ul#	68
19) Fluoranthene	19.118	202		12587	0.237	ng/ul#	76
20) Pyrene	19.480	202		23247	0.422	ng/ul#	80
21) Benzo(a)anthracene	21.252	228		2518m	0.051	ng/ul	
22) Chrysene	21.276	228		24722	0.512	ng/ul#	77
24) Benzo(b)fluoranthene	22.857	252		6982m	0.130	ng/ul	
29) Benzo(g,h,i)perylene	26.582	276		4845	0.105	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112723\
Data File : BN028878.D
Acq On : 27 Nov 2023 14:16
Operator : MA/JU
Sample : 05261-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCKT0

Manual IntegrationsAPPROVED

Quant Time: Nov 28 04:06:04 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

