

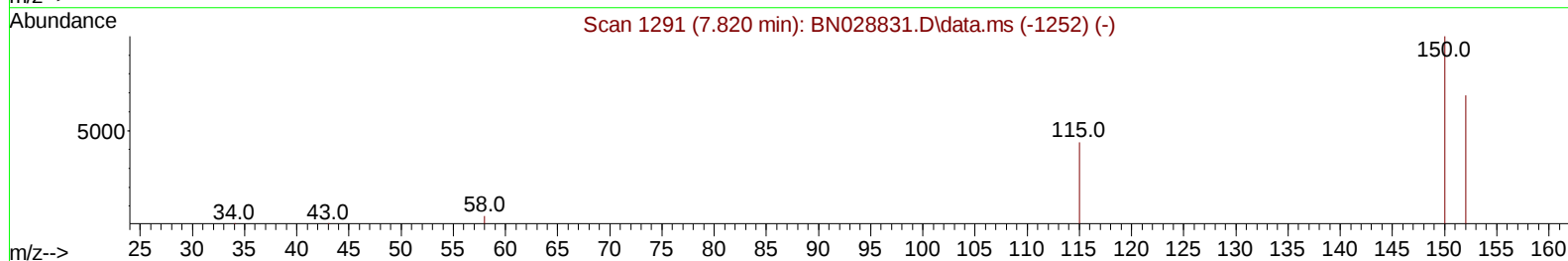
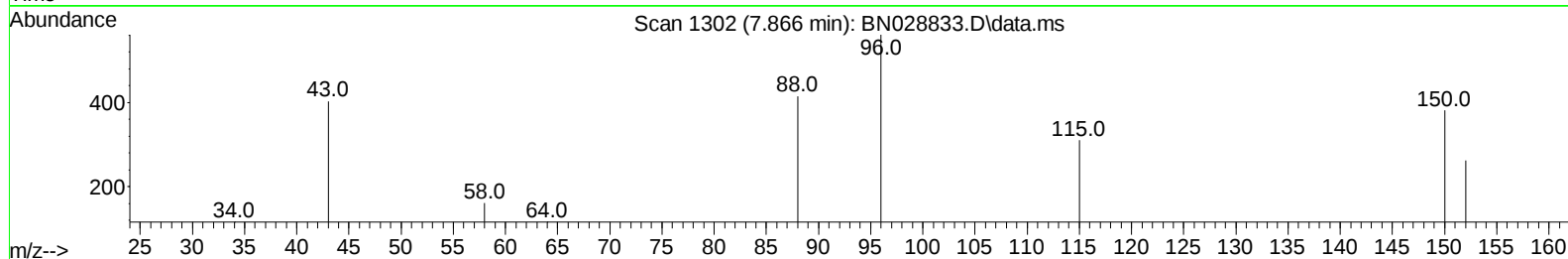
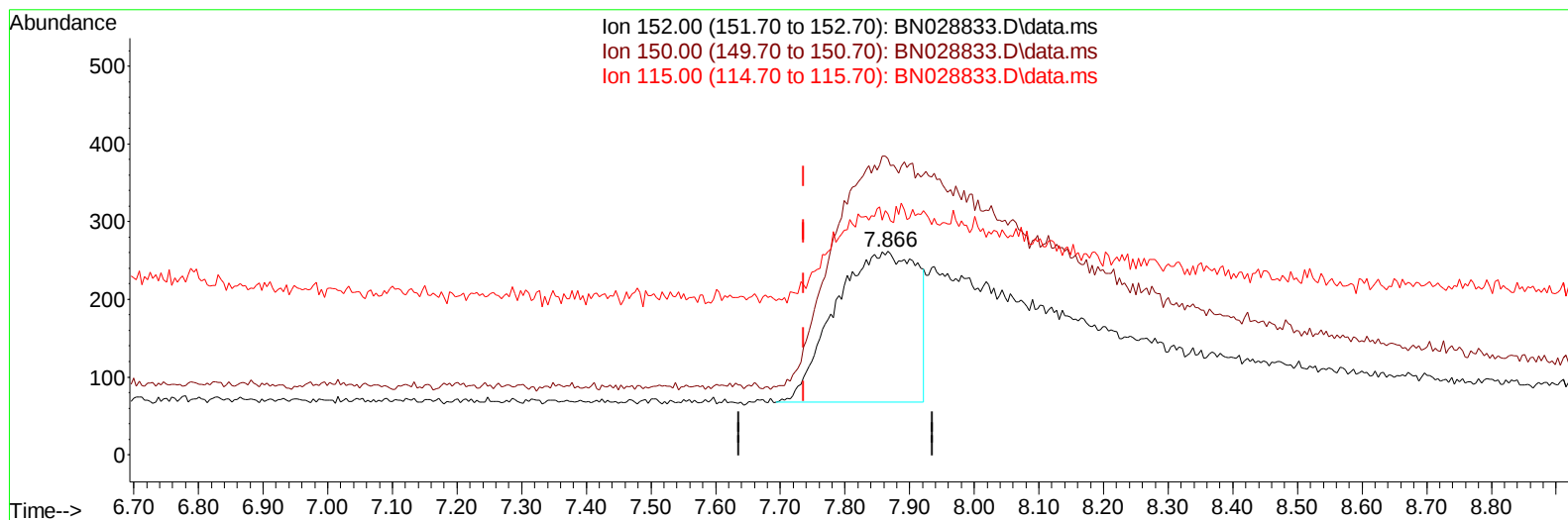
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS054

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:36:06 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 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



TIC: BN028833.D\data.ms

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

7.866min (+ 0.130) 0.40 ng/u1

response 1695

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.42
115.00	62.20	118.32#
0.00	0.00	0.00

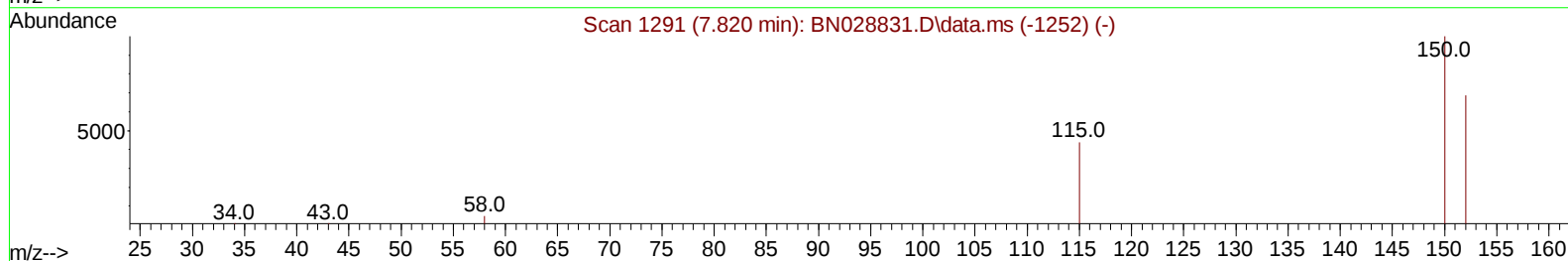
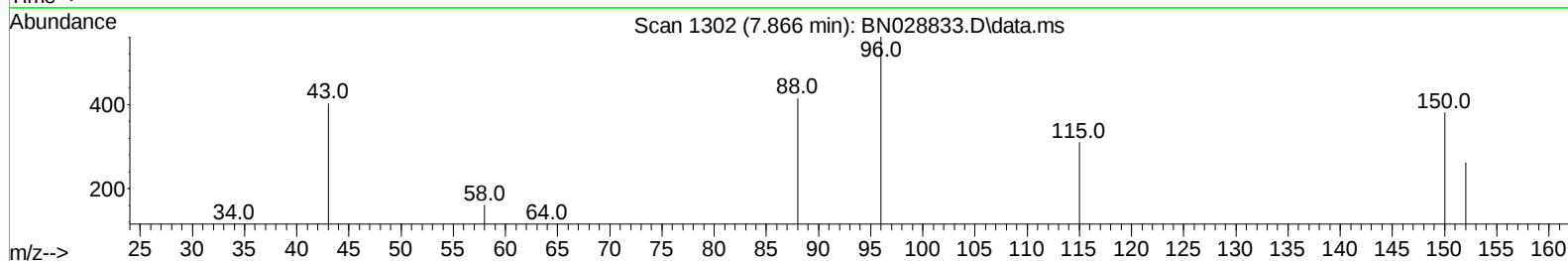
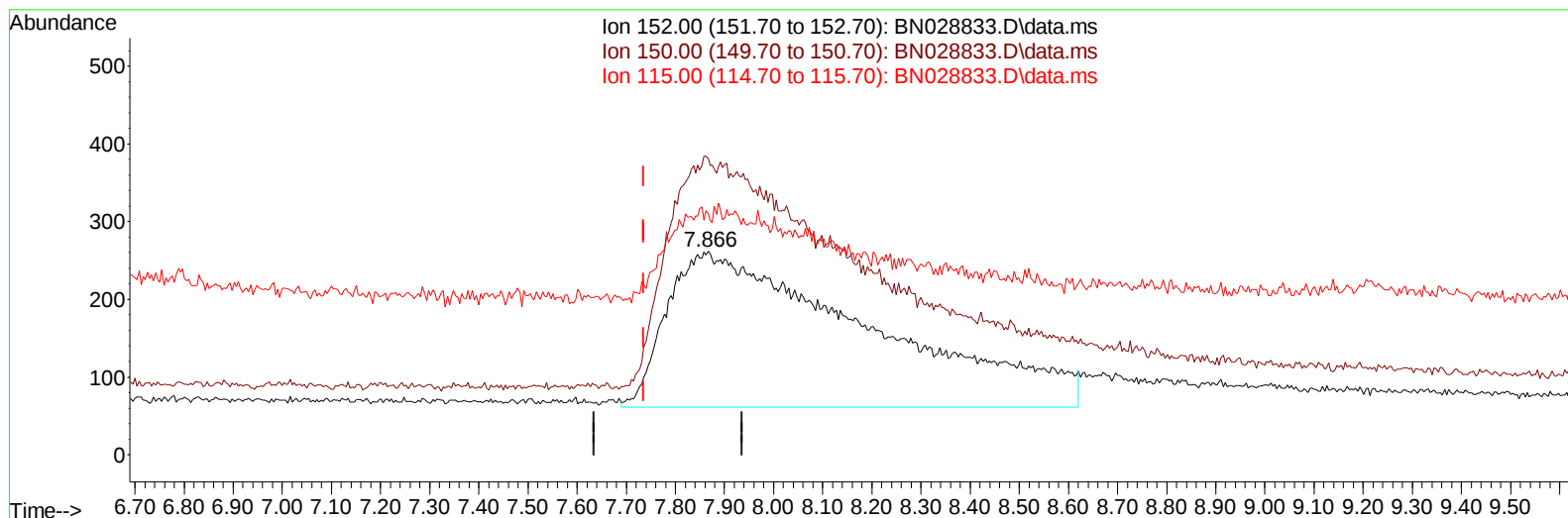
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS054

Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

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

7.866min (+ 0.130) 0.40 ng/ul m

response 5769

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.42
115.00	62.20	118.32#
0.00	0.00	0.00

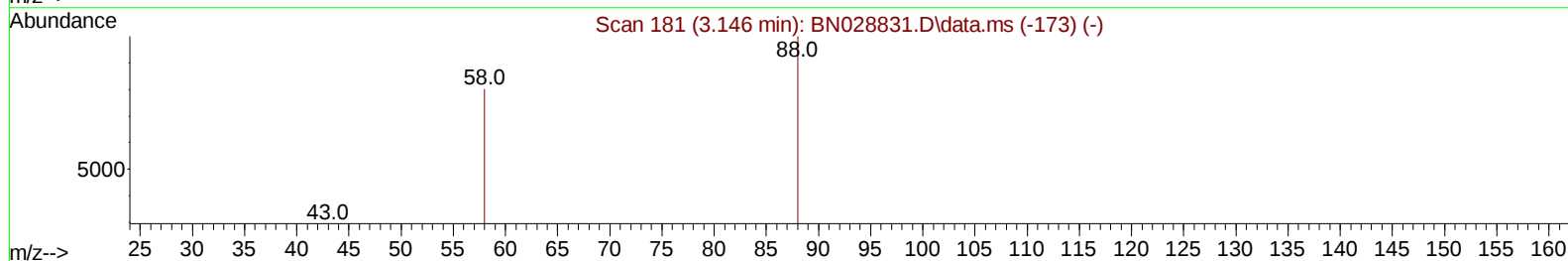
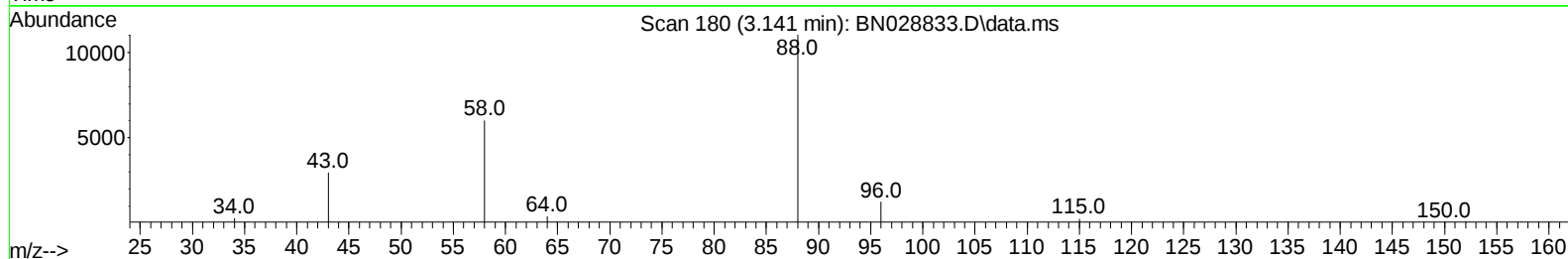
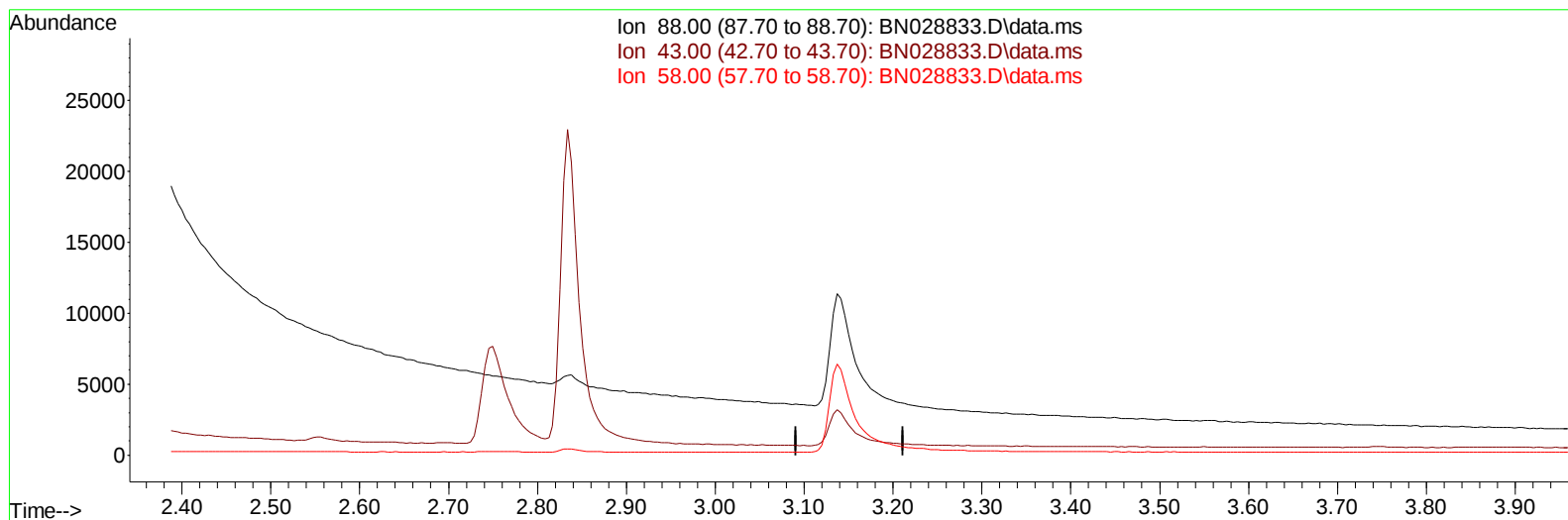
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
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Instrument :
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TIC: BN028833.D\data.ms

(2) 1,4-Dioxane

3.141min (-3.141) 0.00 ng/ul

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

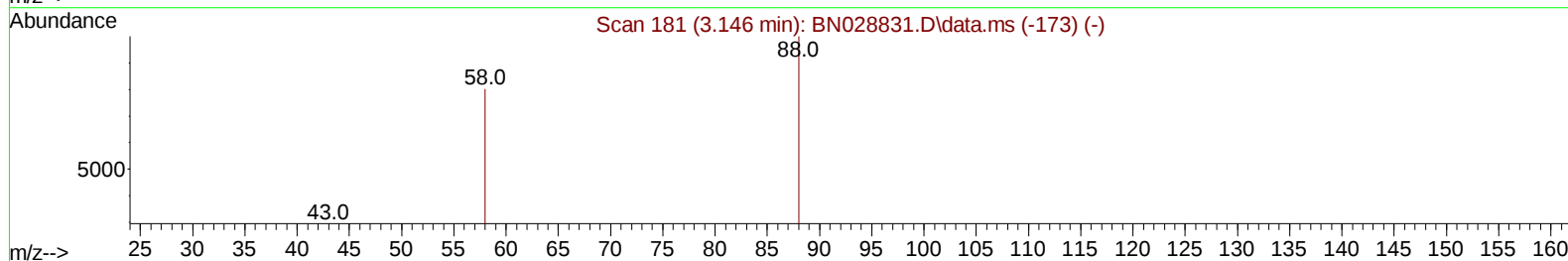
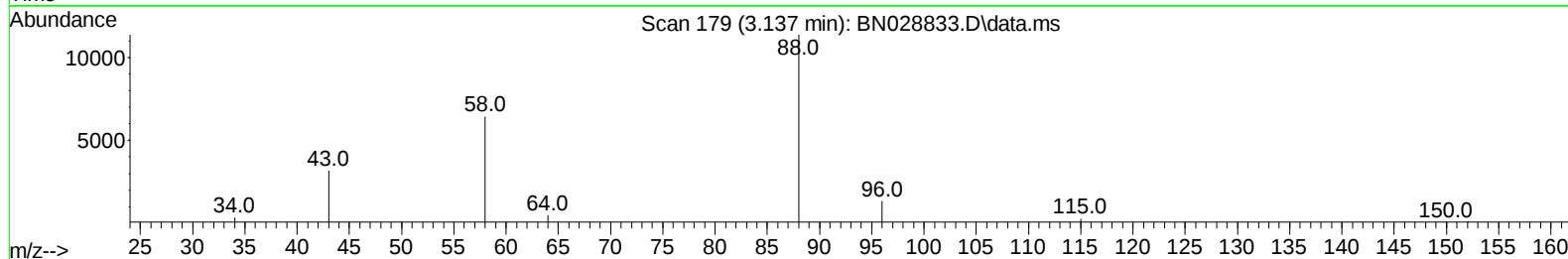
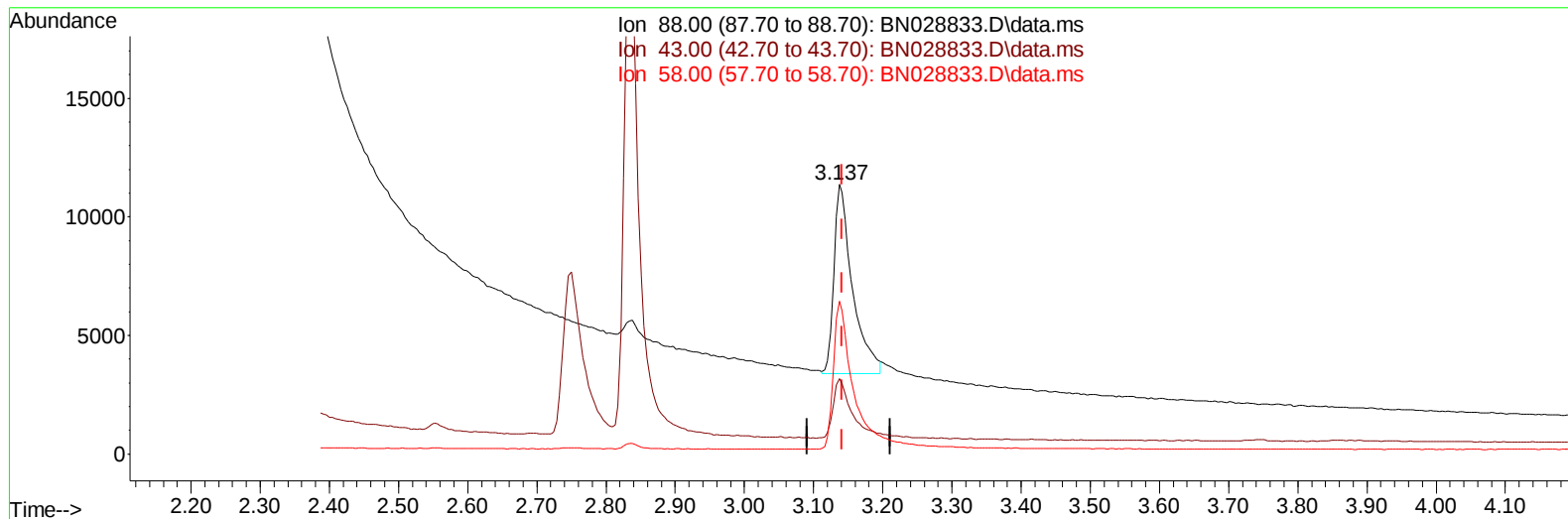
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

(2) 1,4-Dioxane

3.137min (-0.004) 2.11 ng/ul m

response 14877

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	27.99#
58.00	52.30	56.63
0.00	0.00	0.00

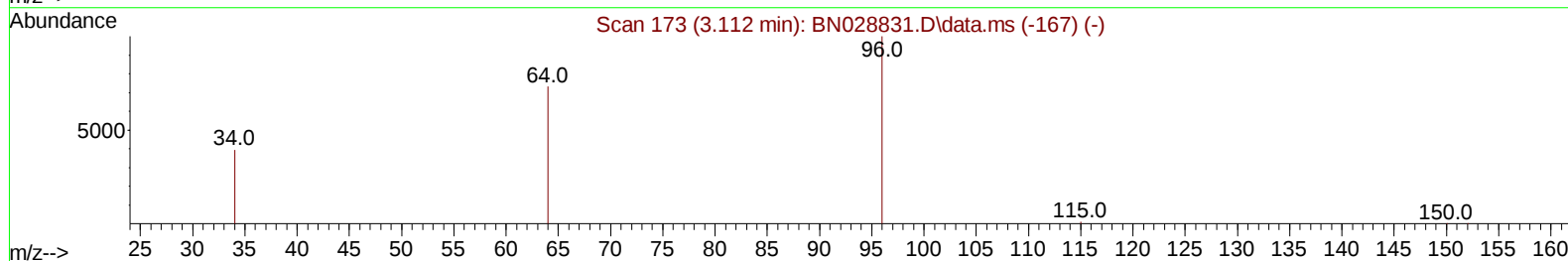
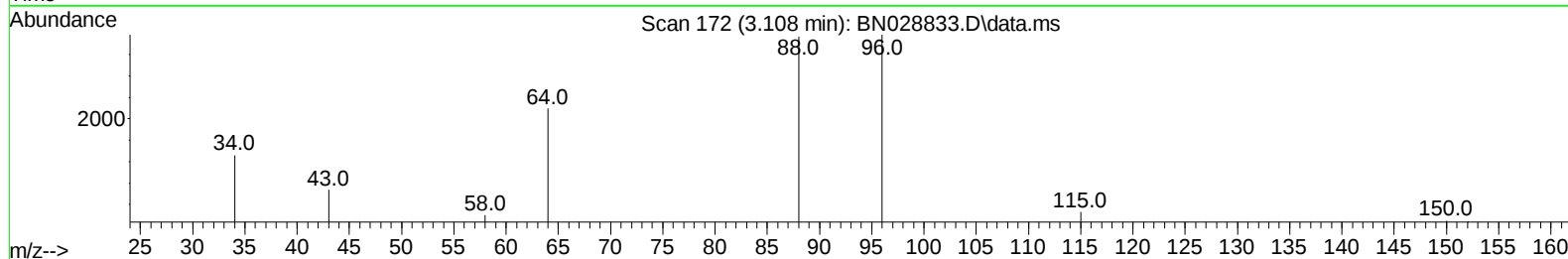
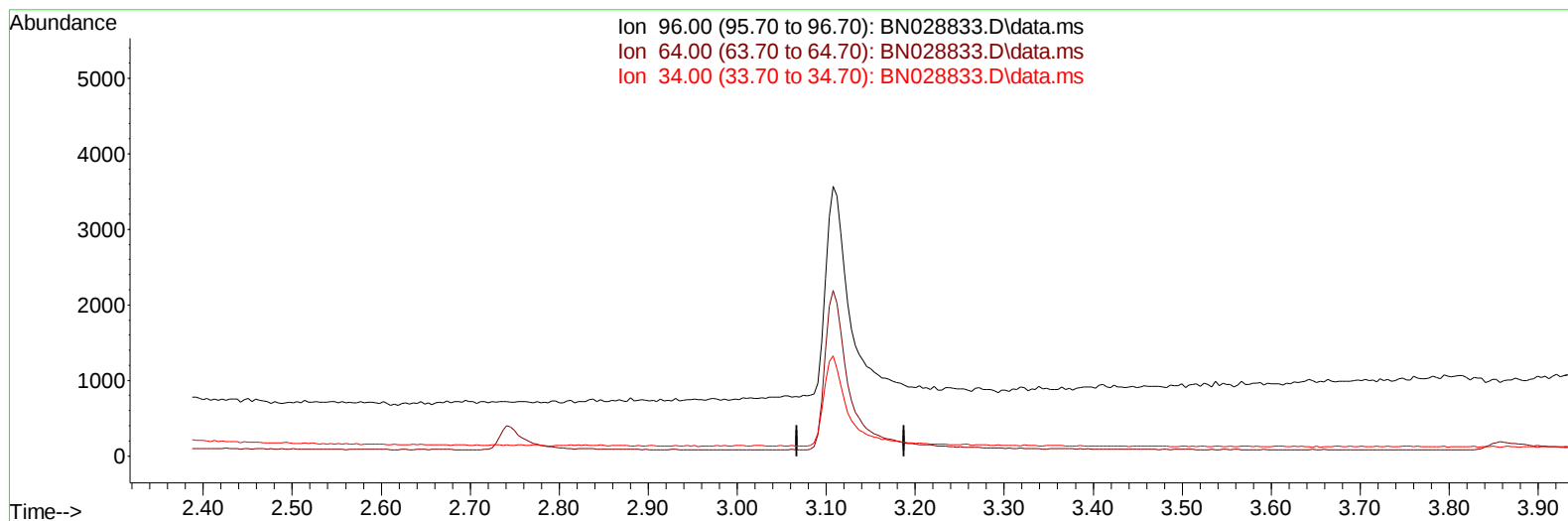
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

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

3.108min (-3.108) 0.00 ng/u1

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

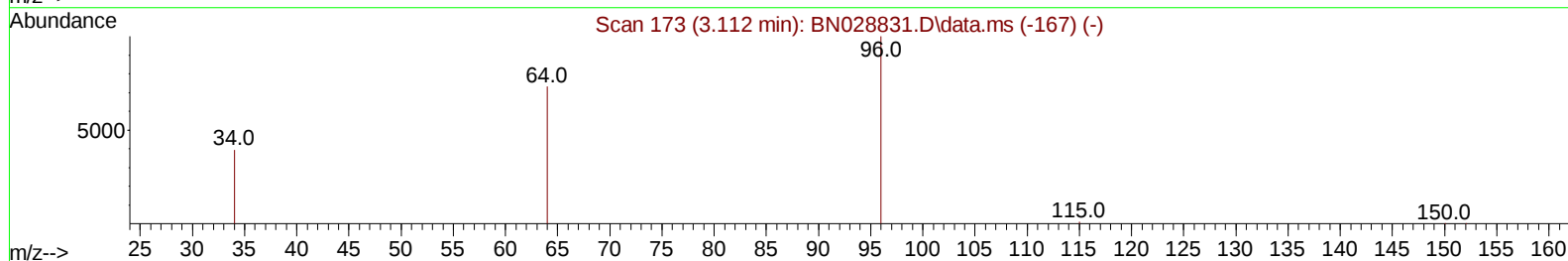
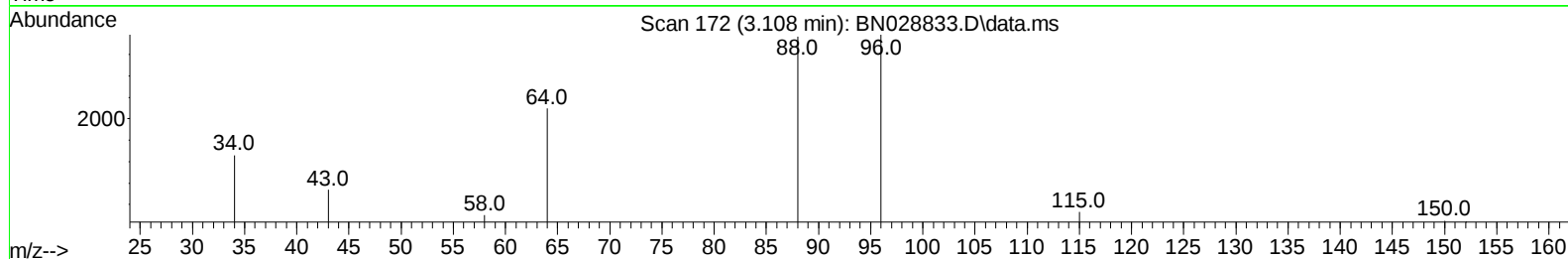
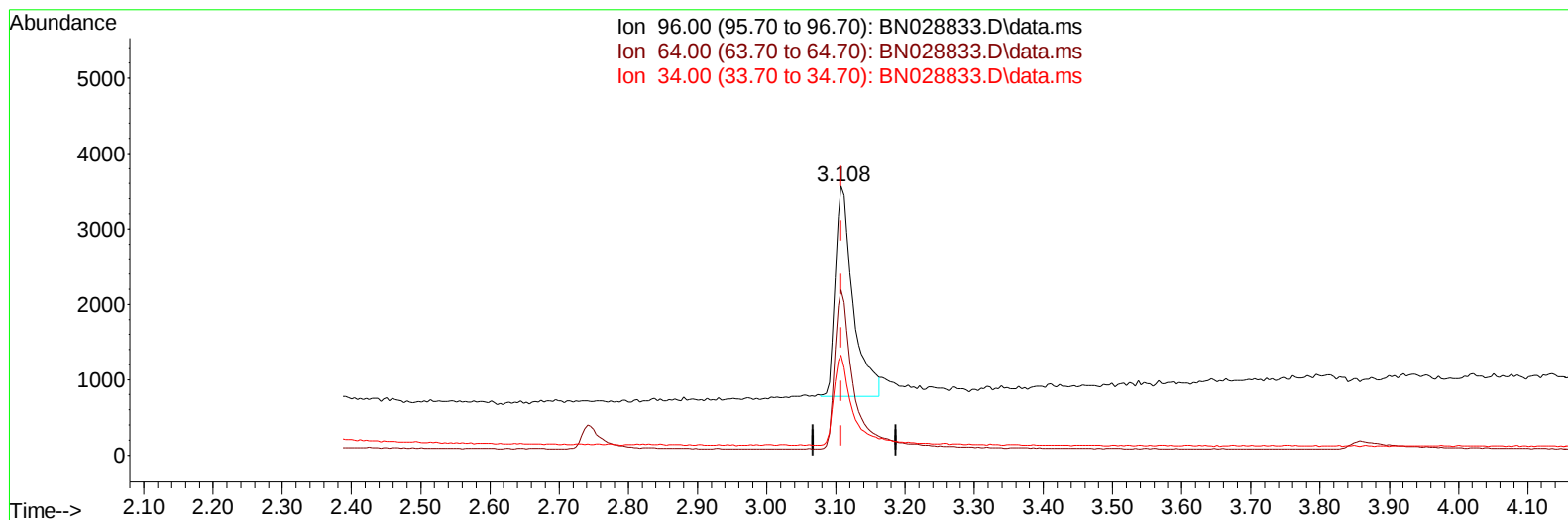
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS054

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:36:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN028833.D\data.ms

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

3.108min (-0.000) 0.78 ng/ul m

response 4997

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	61.40
34.00	38.60	37.03
0.00	0.00	0.00

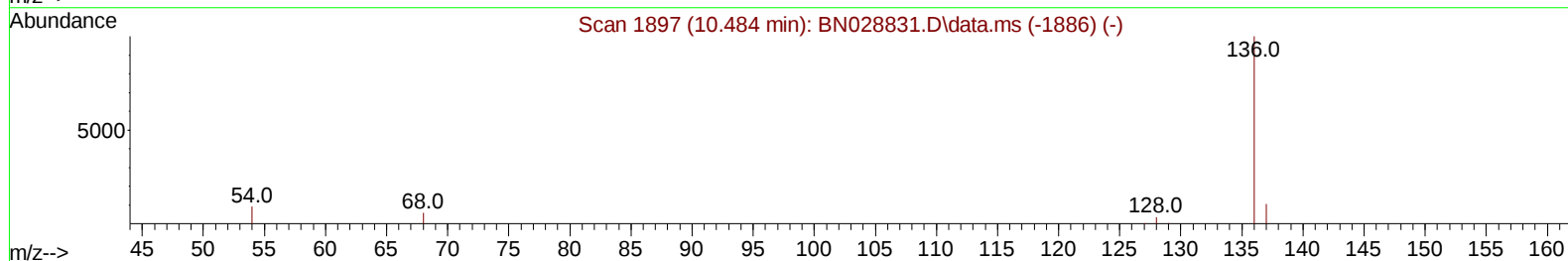
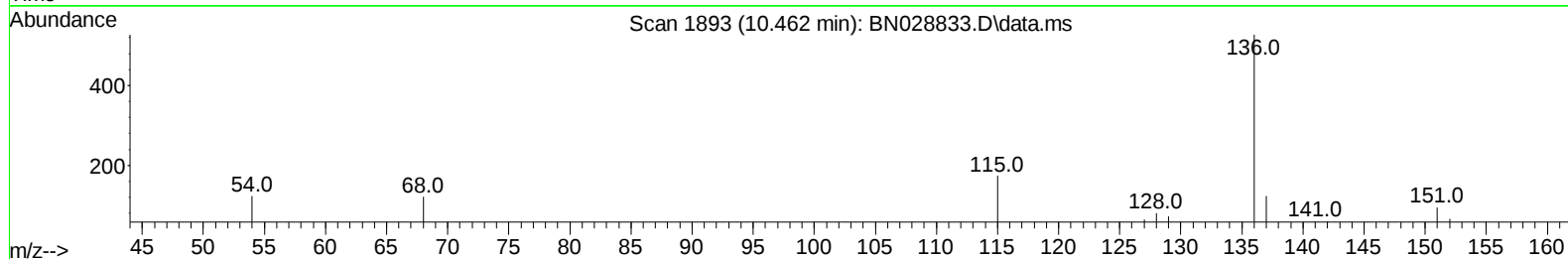
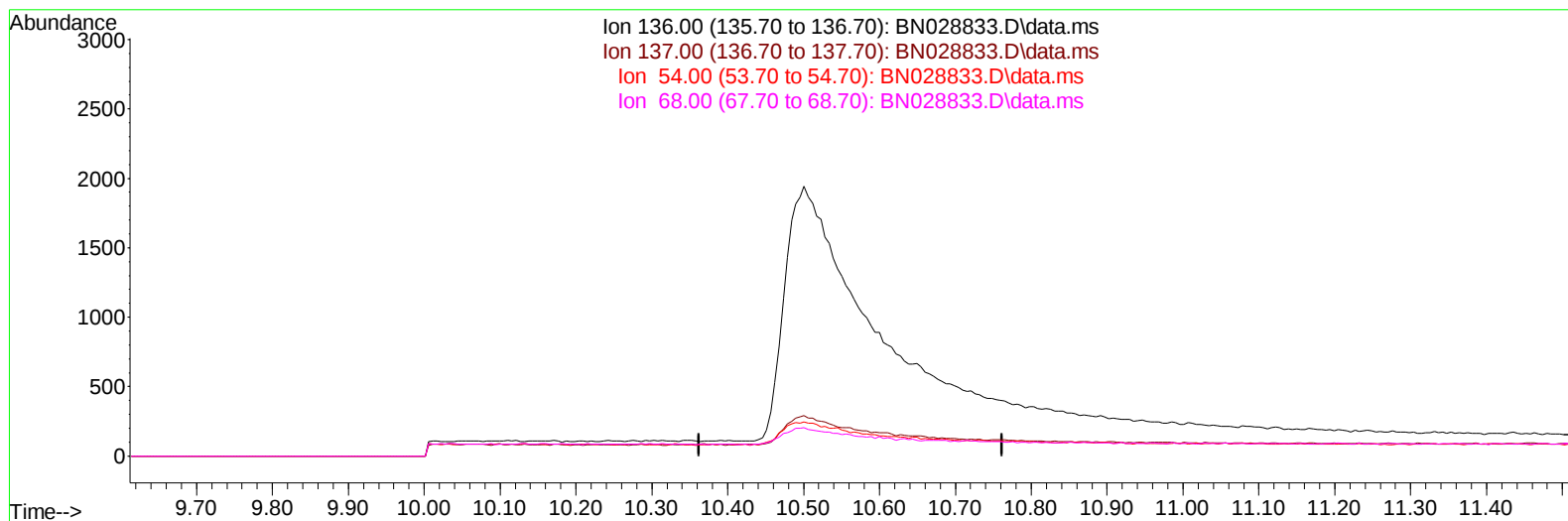
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

(4) Naphthalene-d8 (I)

10.462min (-10.462) 0.00 ng/u1

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

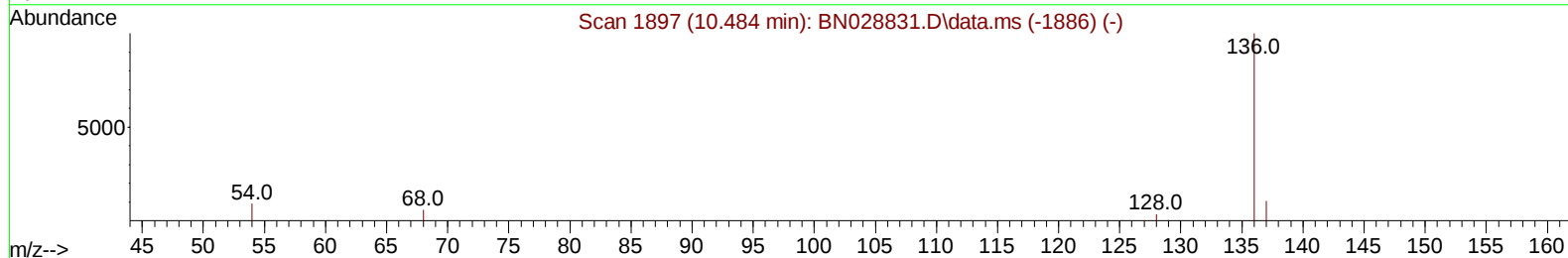
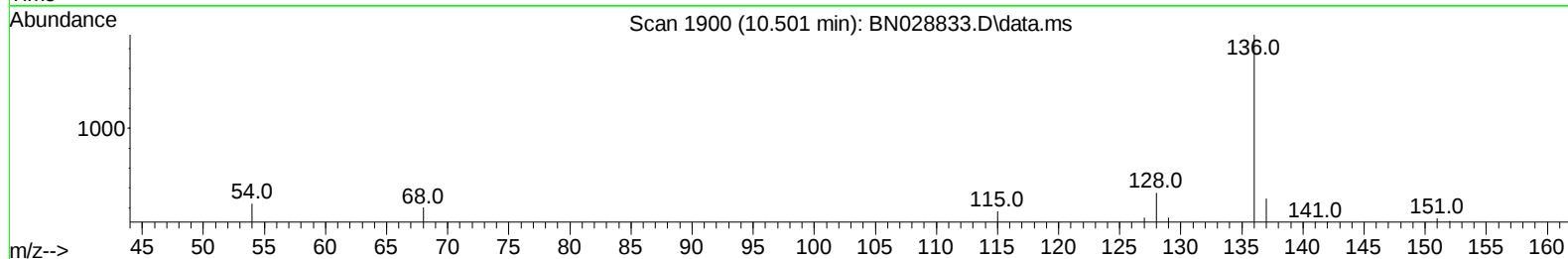
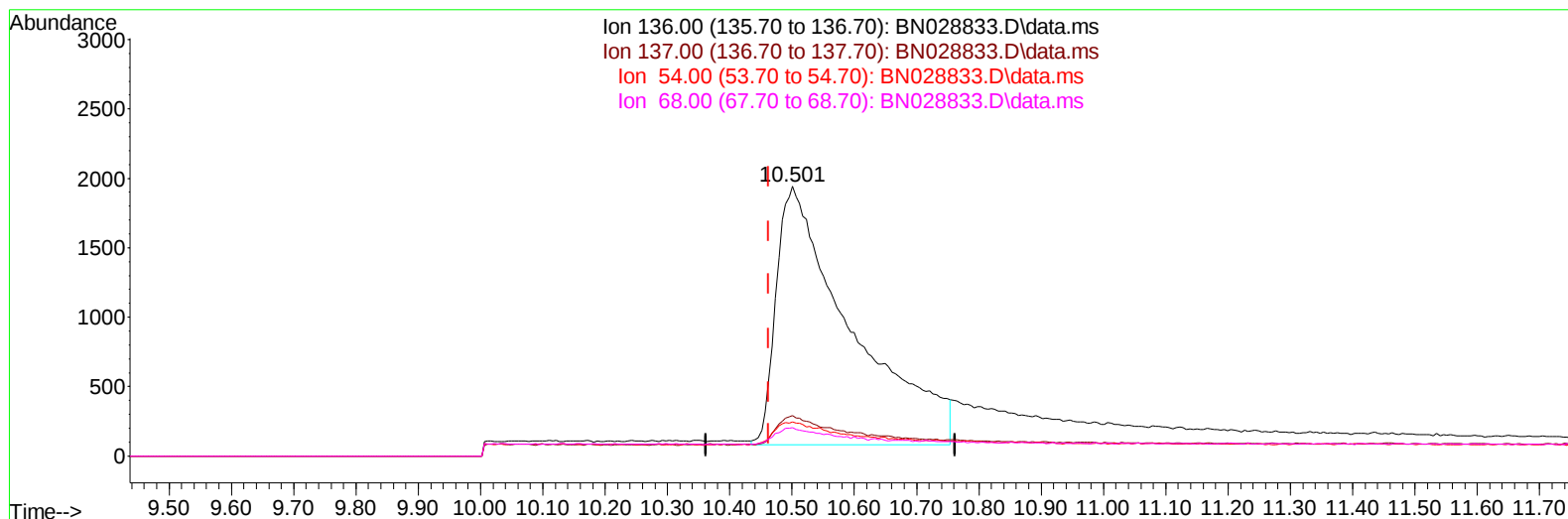
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Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS054

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:36:06 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

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TIC: BN028833.D\data.ms

(4) Naphthalene-d8 (I)

10.501min (+ 0.038) 0.40 ng/ul m

response 15465

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	15.04#
54.00	9.00	12.57#
68.00	7.10	10.51#

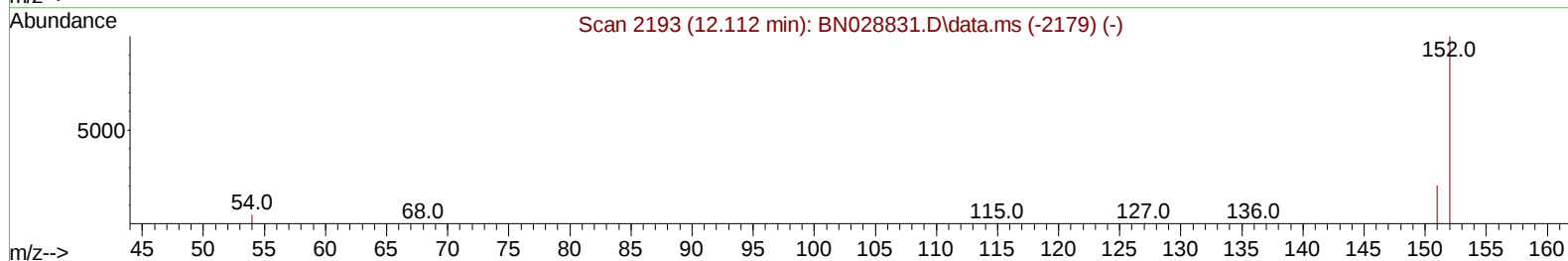
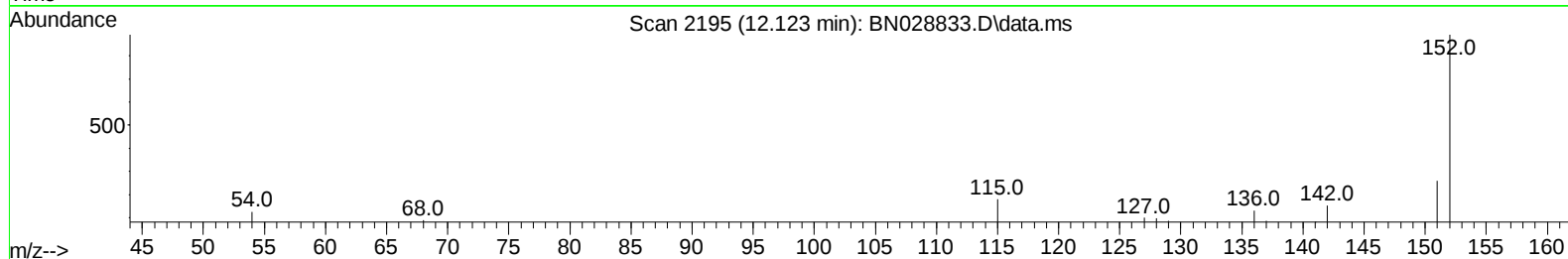
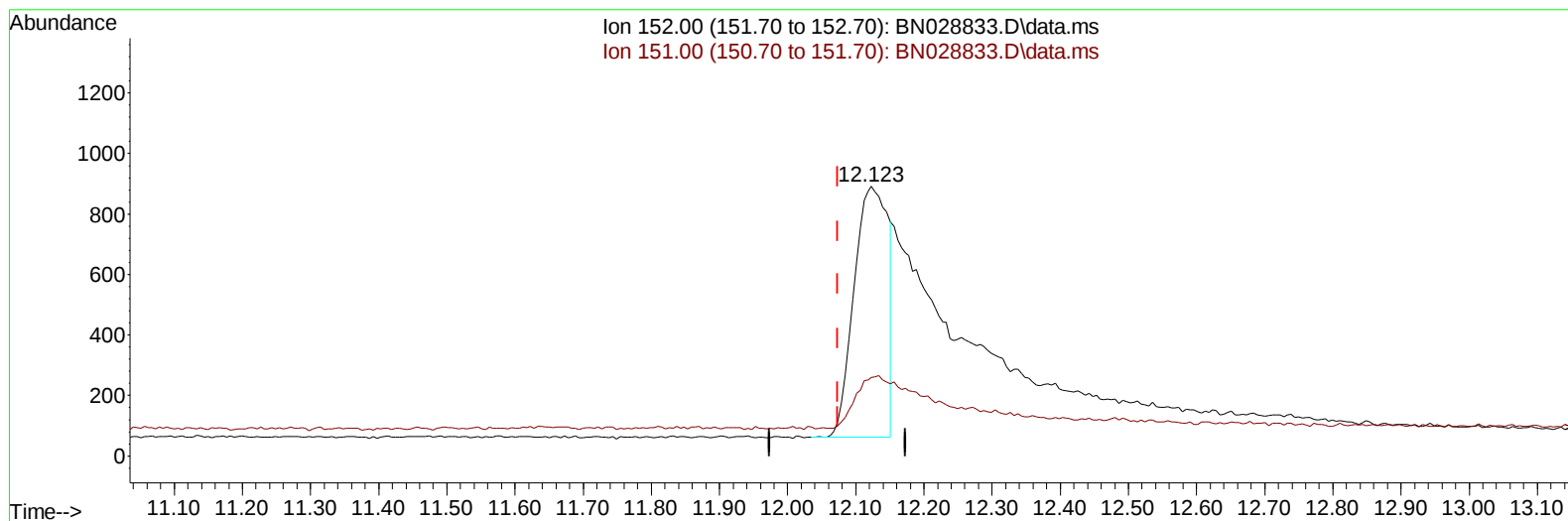
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028833.D
 Acq On : 22 Nov 2023 09:30
 Operator : MA/JU
 Sample : PB157054BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS054

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:36:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028833.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.123min (+ 0.049) 0.12 ng/u1

response 2865

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	20.14
0.00	0.00	0.00
0.00	0.00	0.00

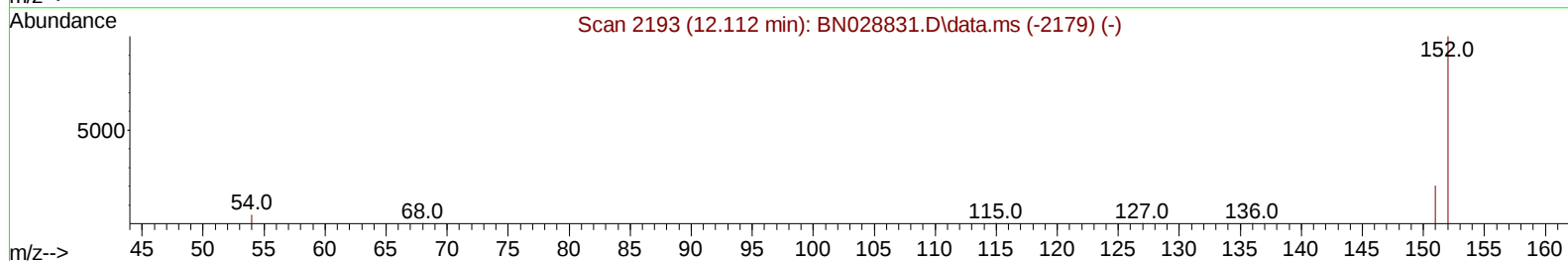
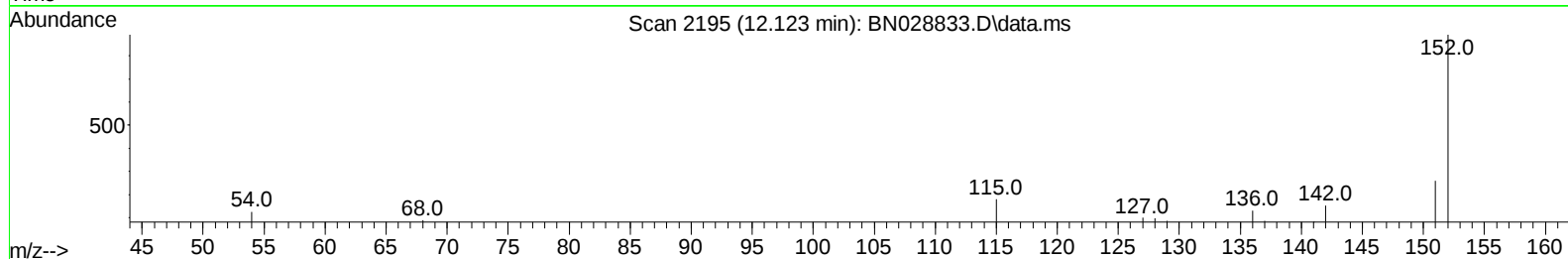
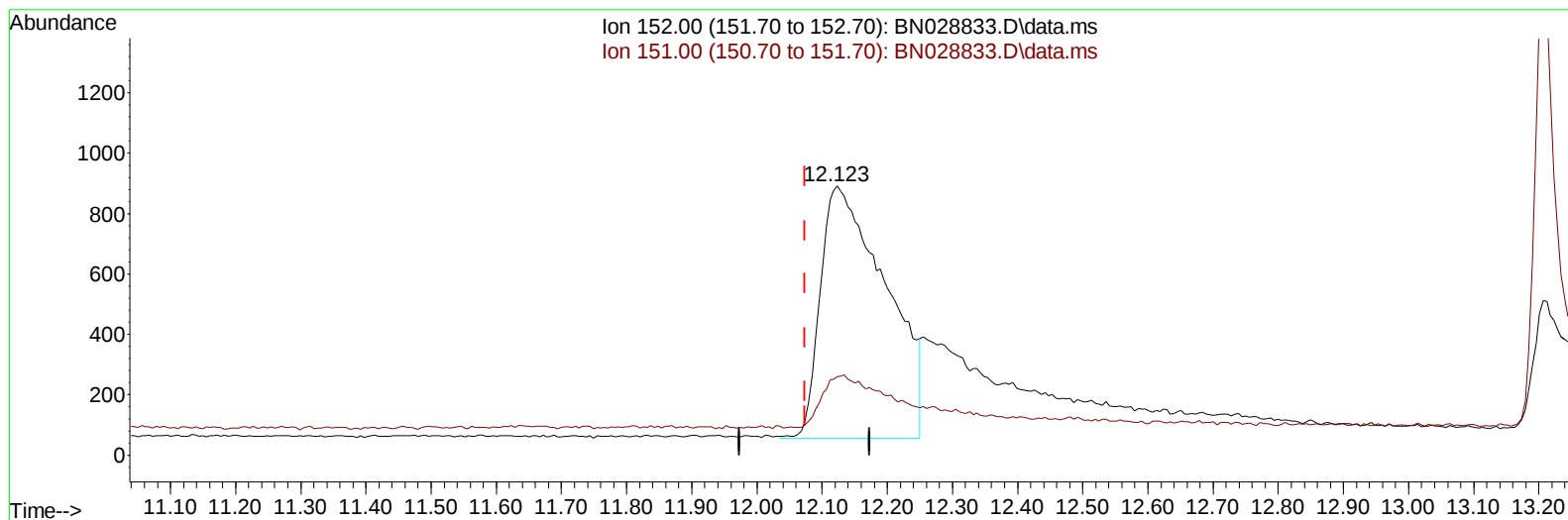
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
Sample : PB157054BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS054

Manual IntegrationsAPPROVED

Quant Time: Nov 22 21:36:06 2023
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TIC: BN028833.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.123min (+ 0.049) 0.25 ng/ul m

response 5833

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	9.89#
0.00	0.00	0.00
0.00	0.00	0.00

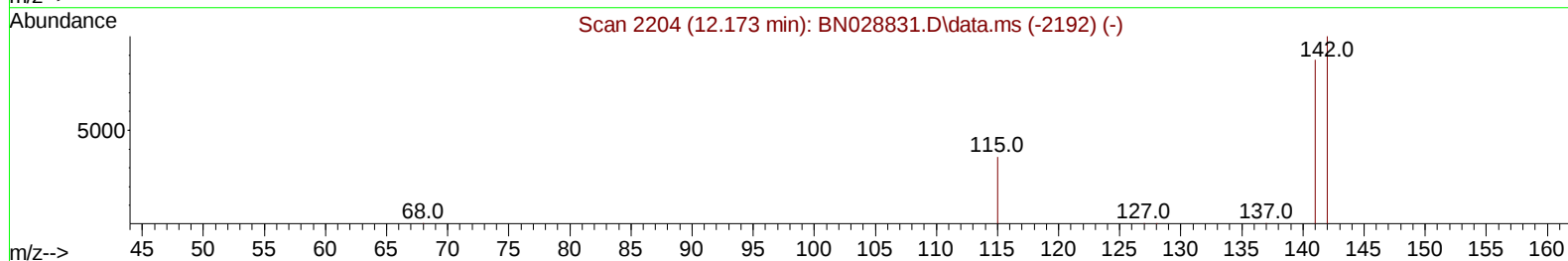
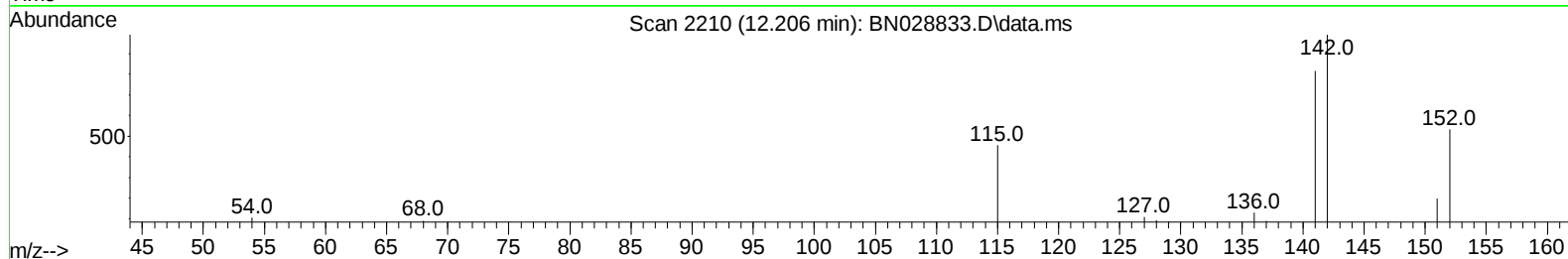
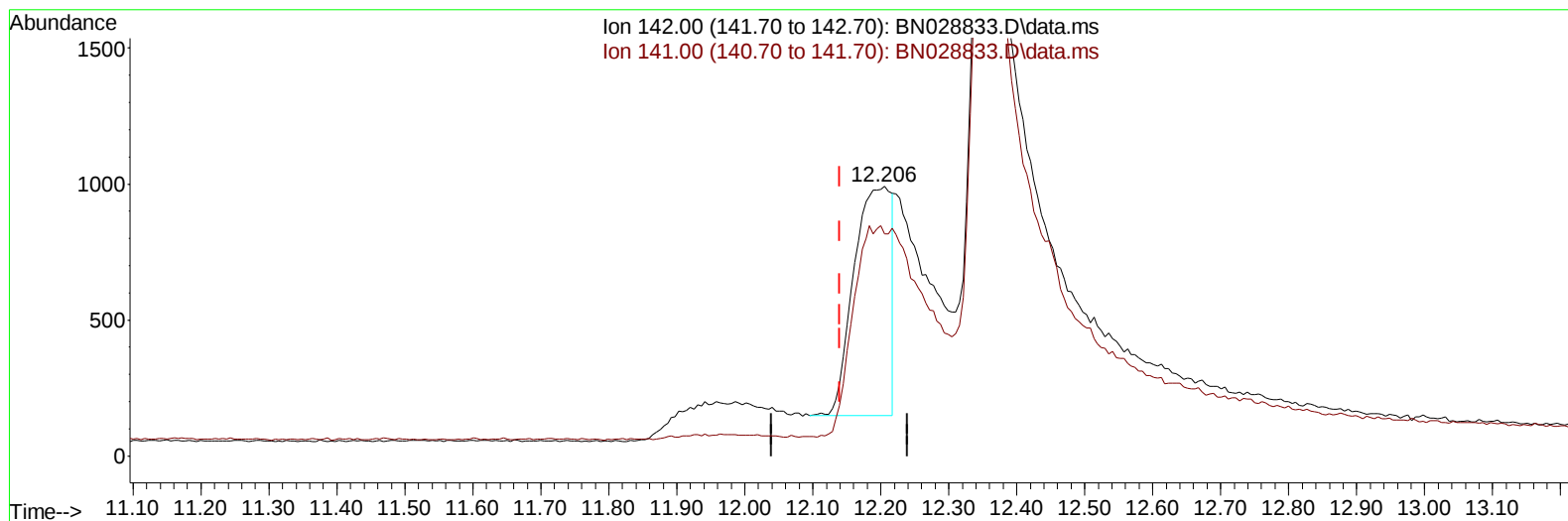
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Operator : MA/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

(7) 2-Methylnaphthalene

12.206min (+ 0.066) 0.11 ng/u1

response 3210

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	84.55
0.00	0.00	0.00
0.00	0.00	0.00

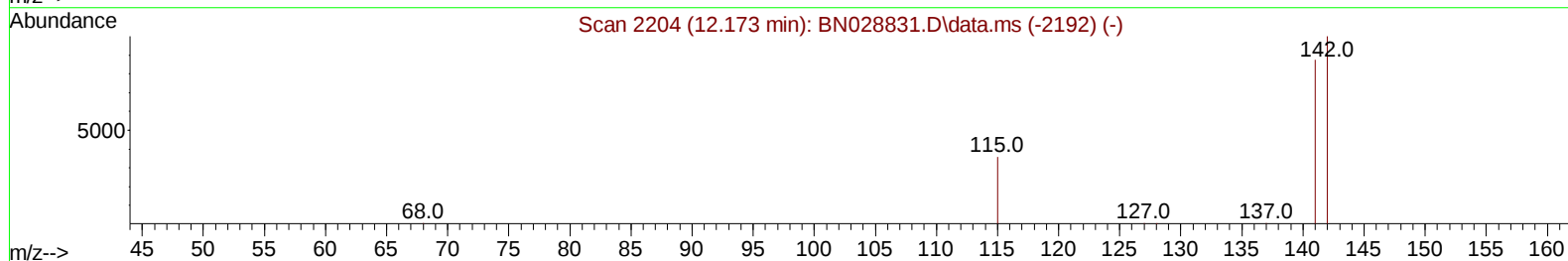
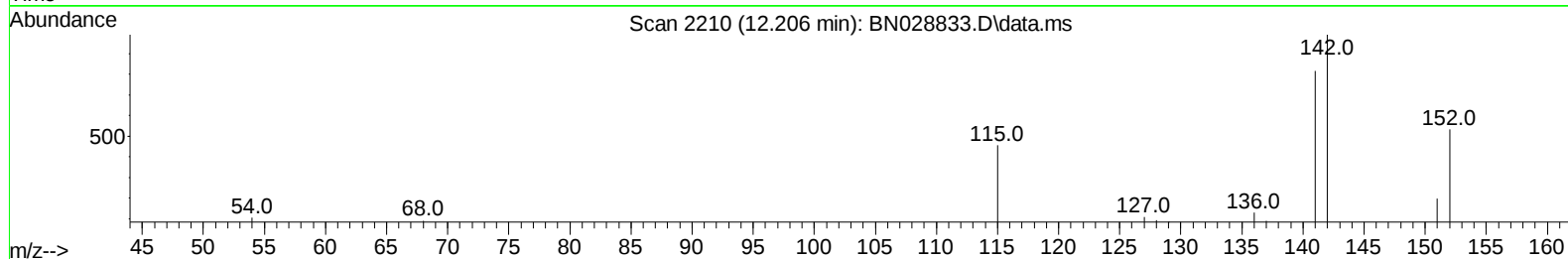
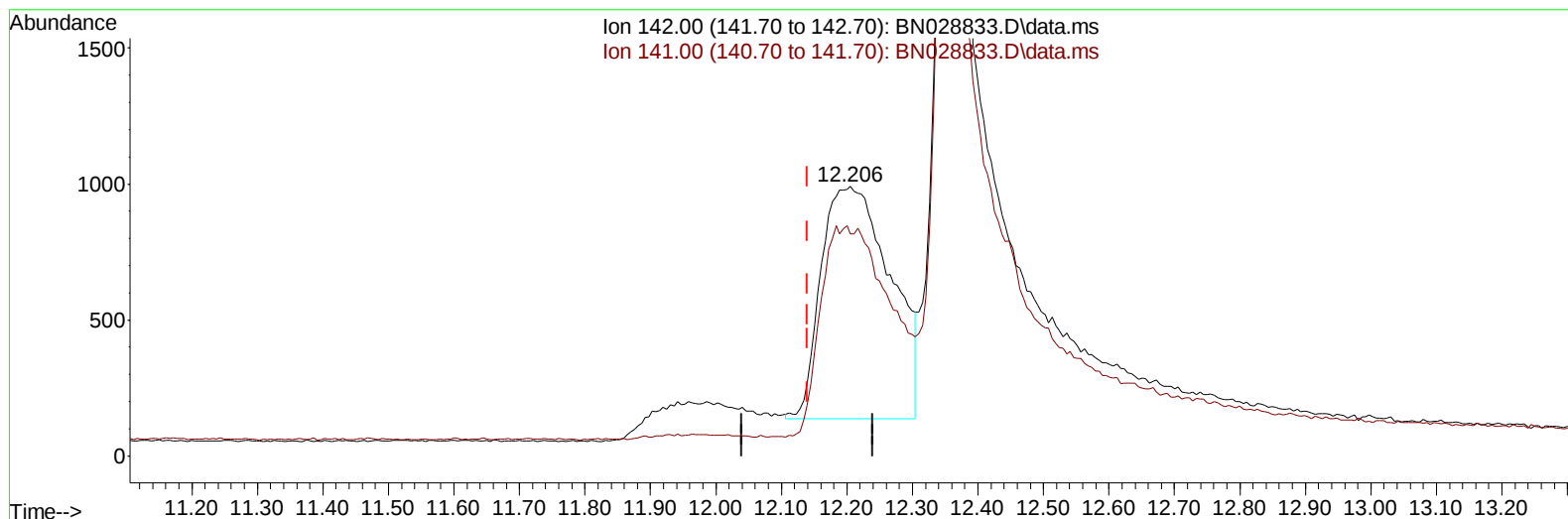
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028833.D
Acq On : 22 Nov 2023 09:30
Operator : MA/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028833.D\data.ms

(7) 2-Methylnaphthalene

12.206min (+ 0.066) 0.22 ng/ul m

response 6309

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	43.02#
0.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	5769m	0.400	ng/ul	0.13
4) Naphthalene-d8	10.501	136	15465m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.302	164	10688	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	15258	0.400	ng/ul	0.01
17) Chrysene-d12	21.281	240	15826	0.400	ng/ul	# 0.01
23) Perylene-d12	23.552	264	15715	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4997m	0.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5833m	0.251	ng/ul	0.05
18) Fluoranthene-d10	19.103	212	20268	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.137	88	14877m	2.111	ng/ul	
5) Naphthalene	10.545	128	11671	0.269	ng/ul#	92
7) 2-Methylnaphthalene	12.206	142	6309m	0.221	ng/ul	
8) 1-Methylnaphthalene	12.354	142	7328	0.253	ng/ul	99
10) Acenaphthylene	14.034	152	17247	0.323	ng/ul	97
11) Acenaphthene	14.367	153	14325	0.365	ng/ul	99
12) Fluorene	15.380	166	12194	0.267	ng/ul	97
14) Pentachlorophenol	16.730	266	2623	0.716	ng/ul	99
15) Phenanthrene	17.110	178	19478	0.416	ng/ul	95
16) Anthracene	17.229	178	10504	0.244	ng/ul#	93
19) Fluoranthene	19.131	202	25317	0.376	ng/ul	98
20) Pyrene	19.494	202	29338	0.421	ng/ul	96
21) Benzo(a)anthracene	21.269	228	15813	0.253	ng/ul	98
22) Chrysene	21.316	228	21653	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.865	252	19485	0.330	ng/ul	89
25) Benzo(k)fluoranthene	22.914	252	24213	0.392	ng/ul#	90
26) Benzo(a)pyrene	23.455	252	20563	0.369	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.890	276	23740	0.384	ng/ul	98
28) Dibenzo(a,h)anthracene	25.920	278	17737	0.359	ng/ul#	94
29) Benzo(g,h,i)perylene	26.591	276	21725	0.429	ng/ul	97

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

