

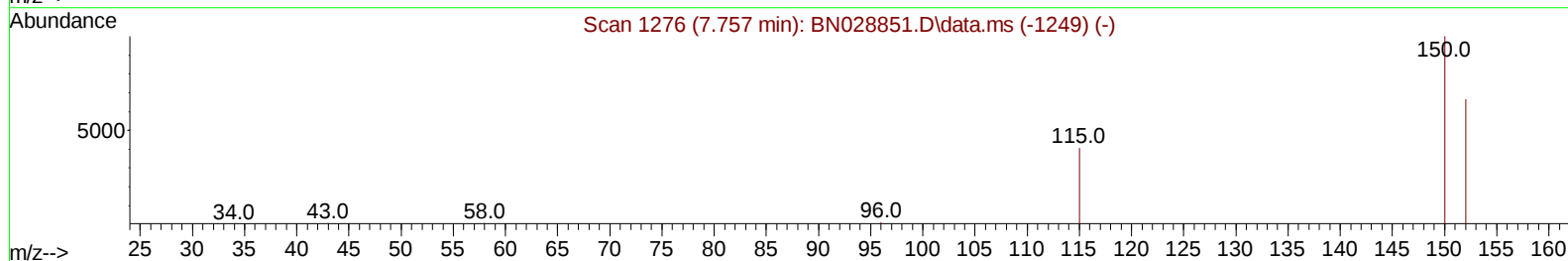
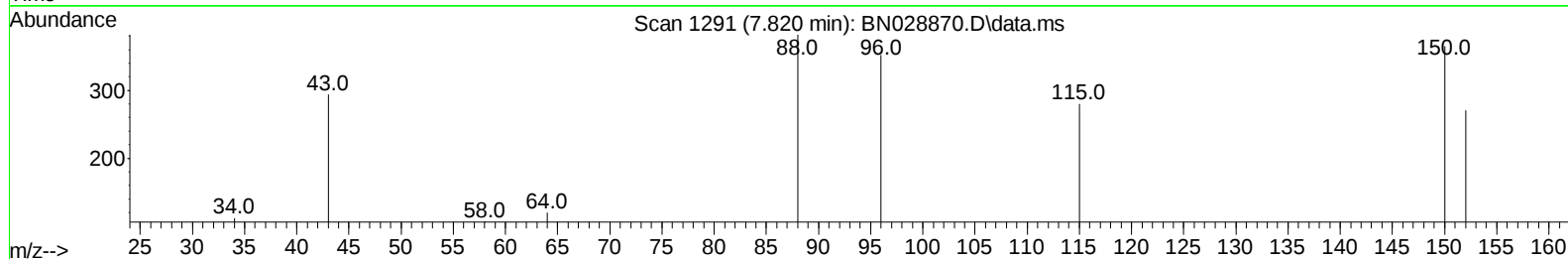
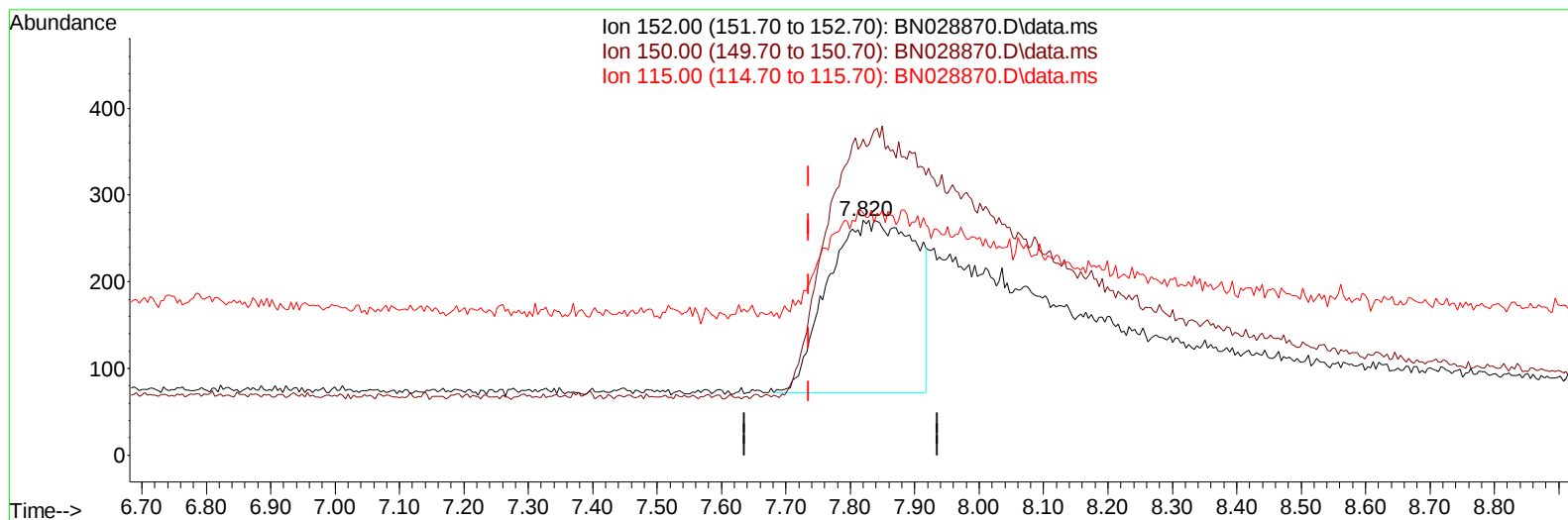
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:04:01 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 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023



TIC: BN028870.D\data.ms

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

7.820min (+ 0.084) 0.40 ng/u1

response 1881

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.69
115.00	62.20	103.32#
0.00	0.00	0.00

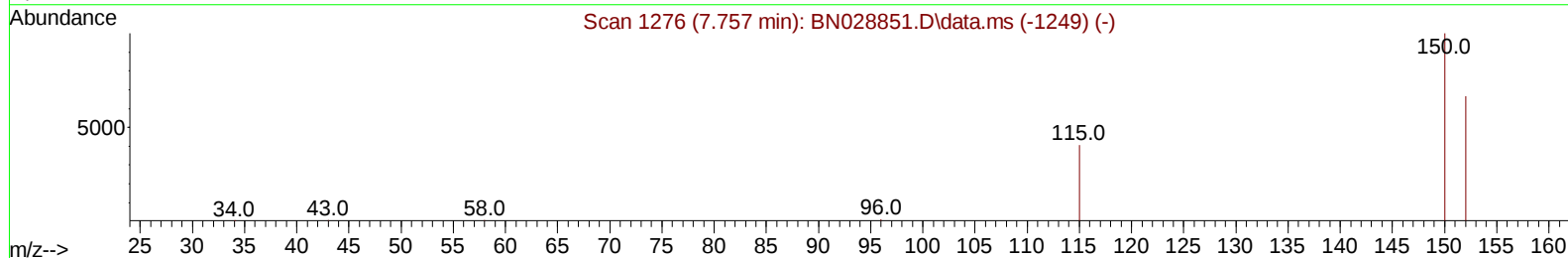
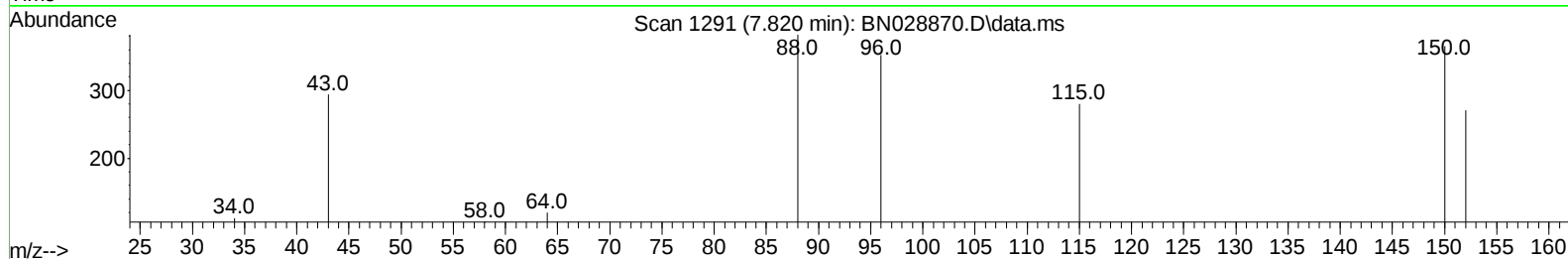
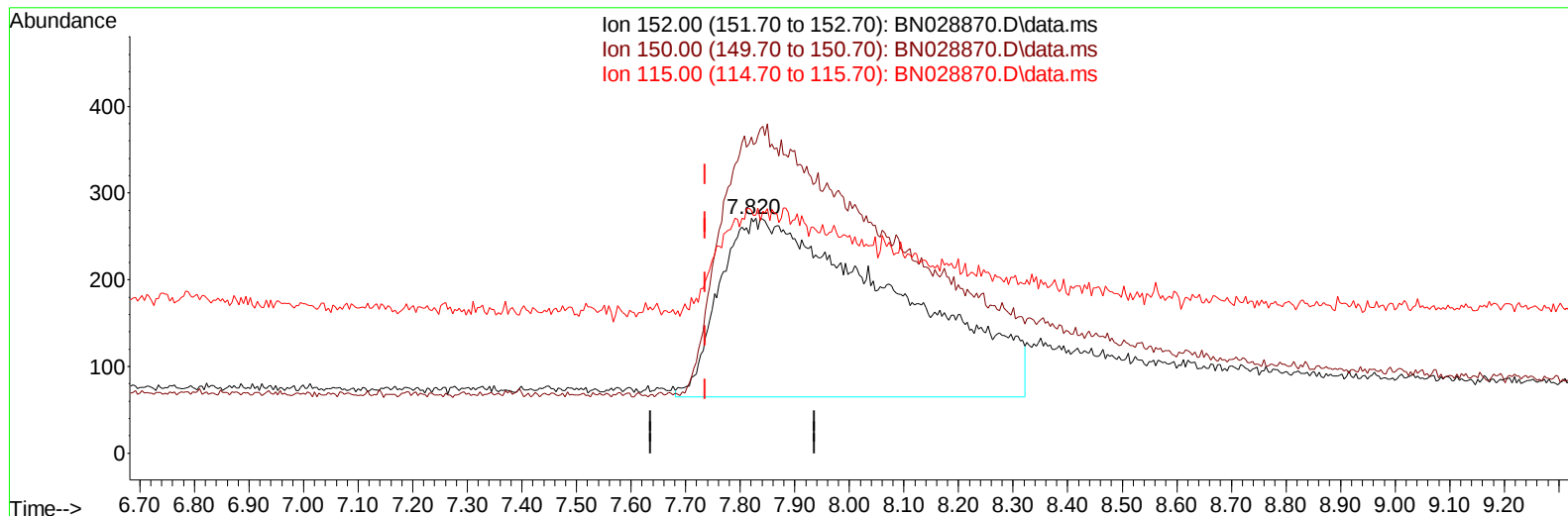
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 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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TIC: BN028870.D\data.ms

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

7.820min (+ 0.084) 0.40 ng/ul m

response 4685

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.69
115.00	62.20	103.32#
0.00	0.00	0.00

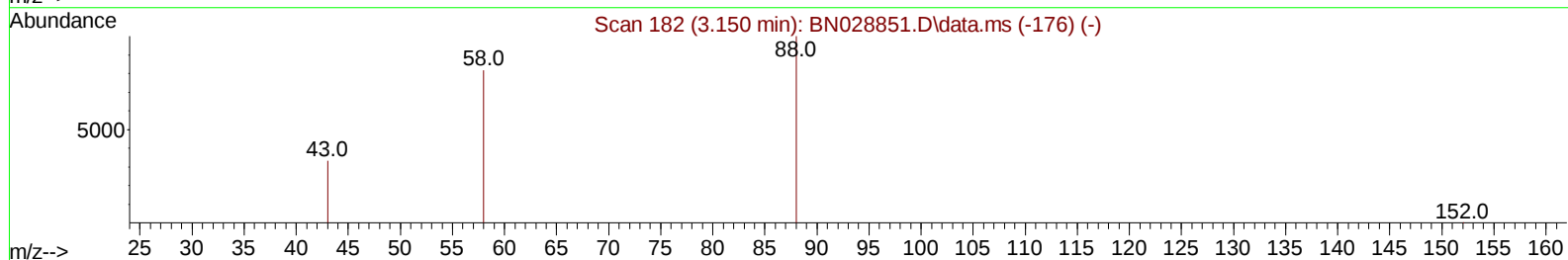
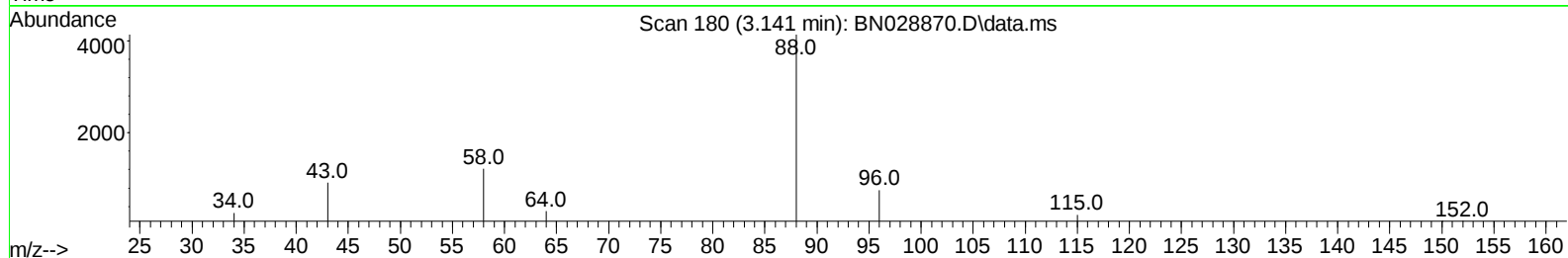
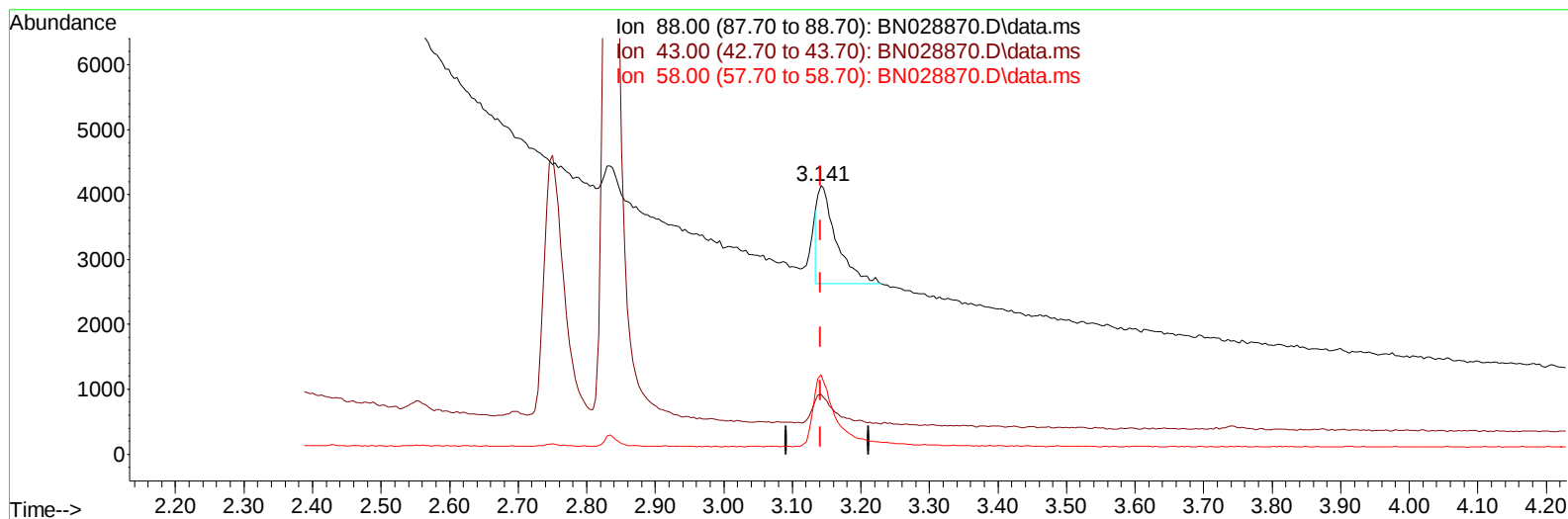
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 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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TIC: BN028870.D\data.ms

(2) 1,4-Dioxane

3.141min (+ 0.000) 0.51 ng/u1

response 2914

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	22.18#
58.00	52.30	29.65#
0.00	0.00	0.00

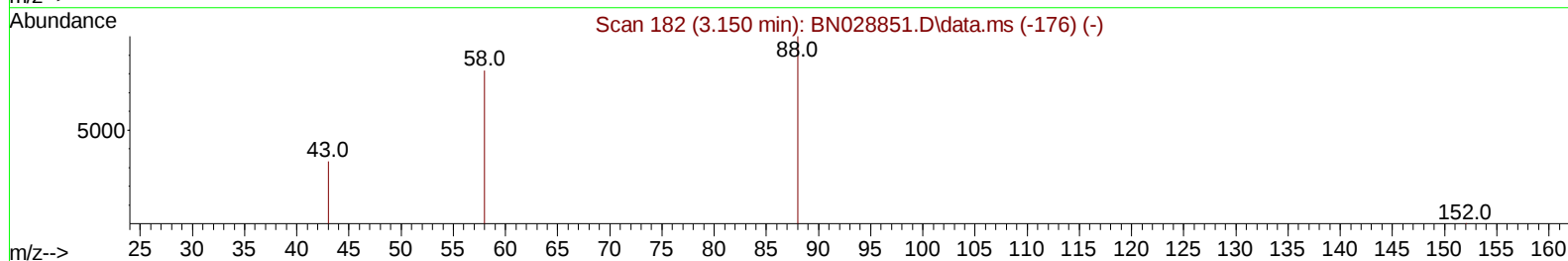
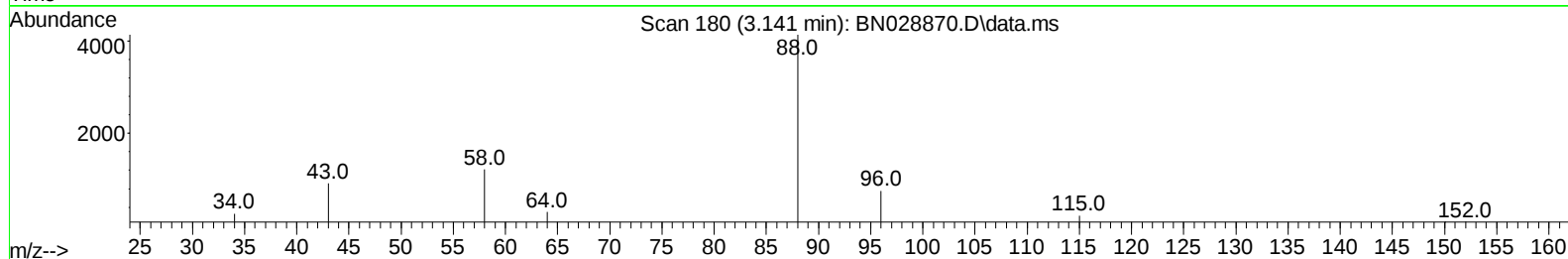
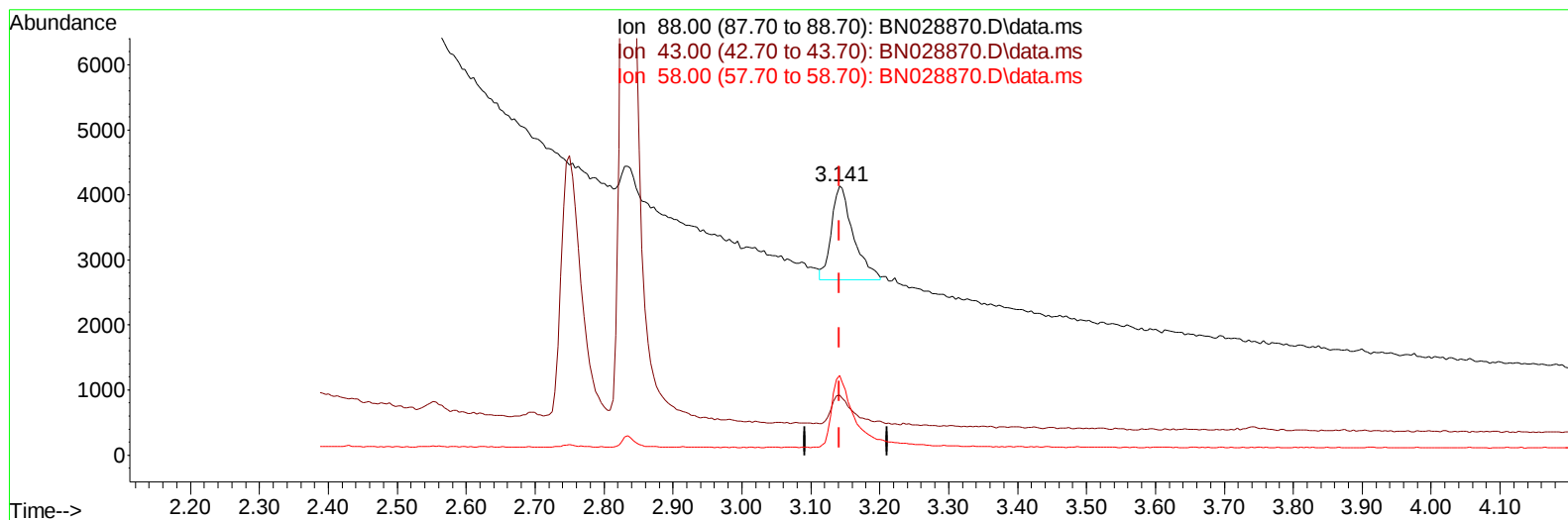
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028870.D\data.ms

(2) 1,4-Dioxane

3.141min (+ 0.000) 0.55 ng/ul m

response 3155

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	22.18#
58.00	52.30	29.65#
0.00	0.00	0.00

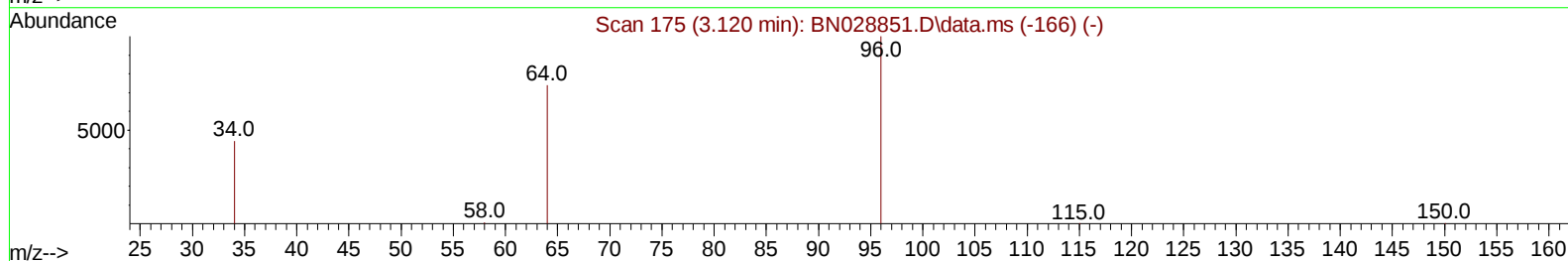
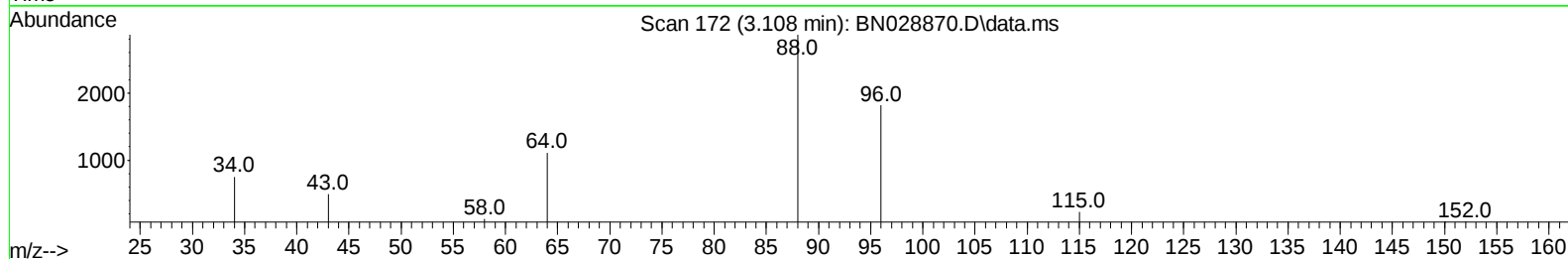
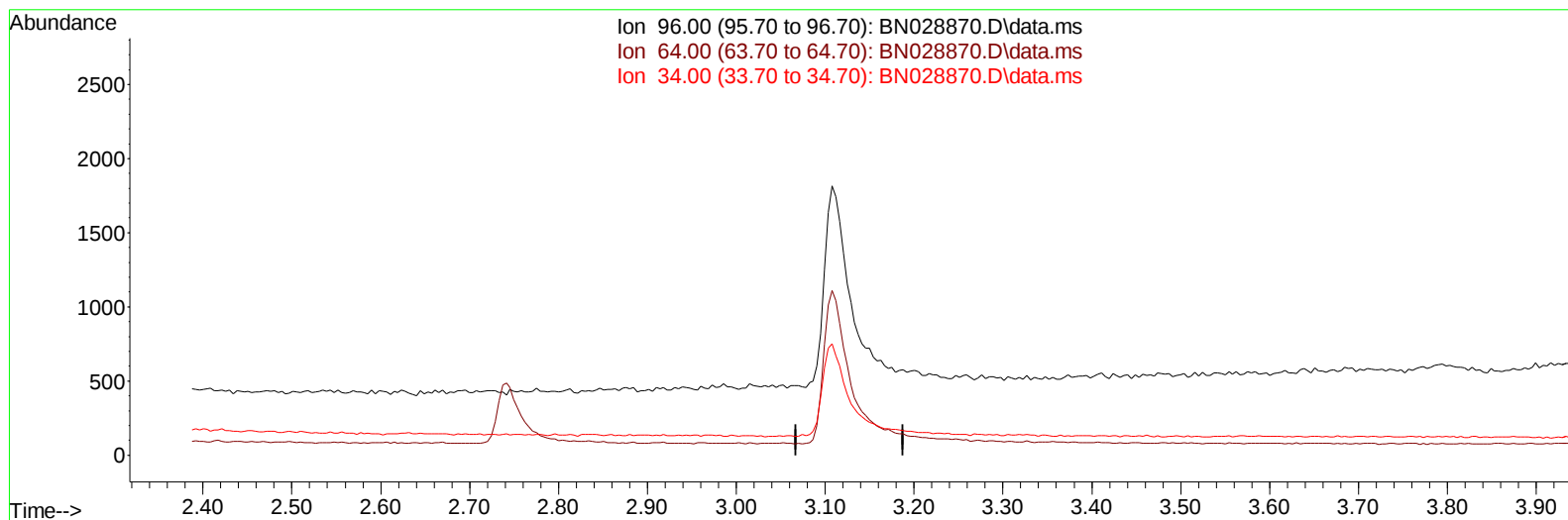
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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TIC: BN028870.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

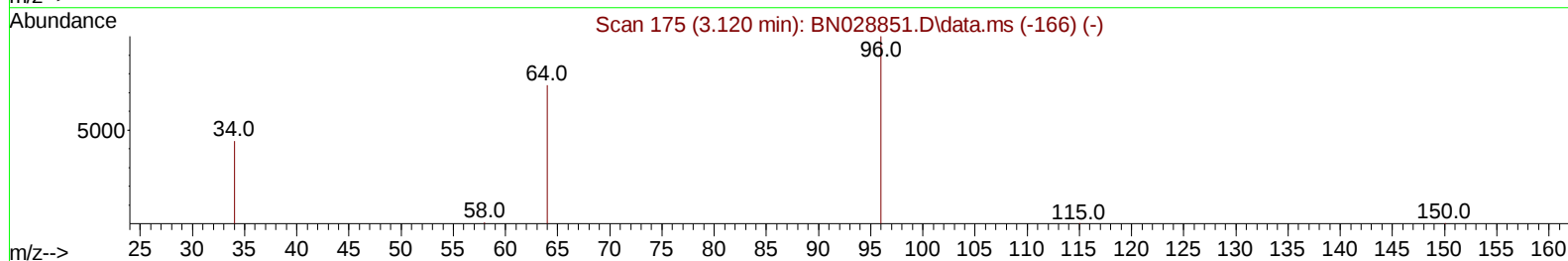
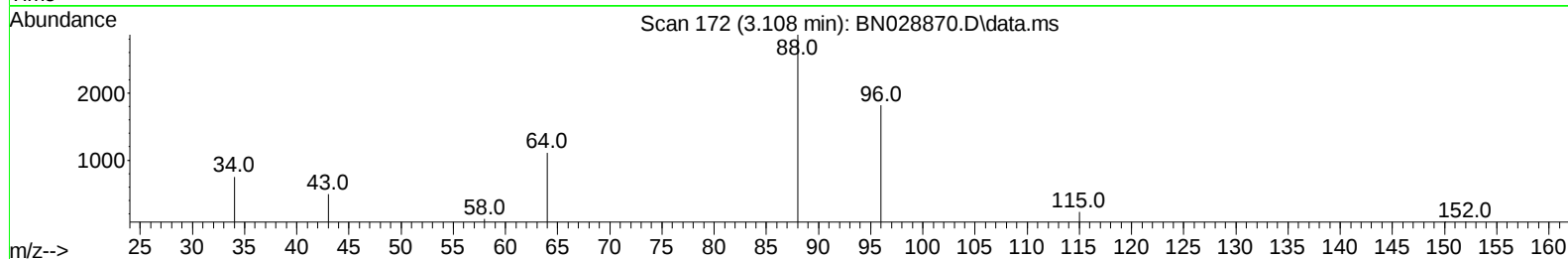
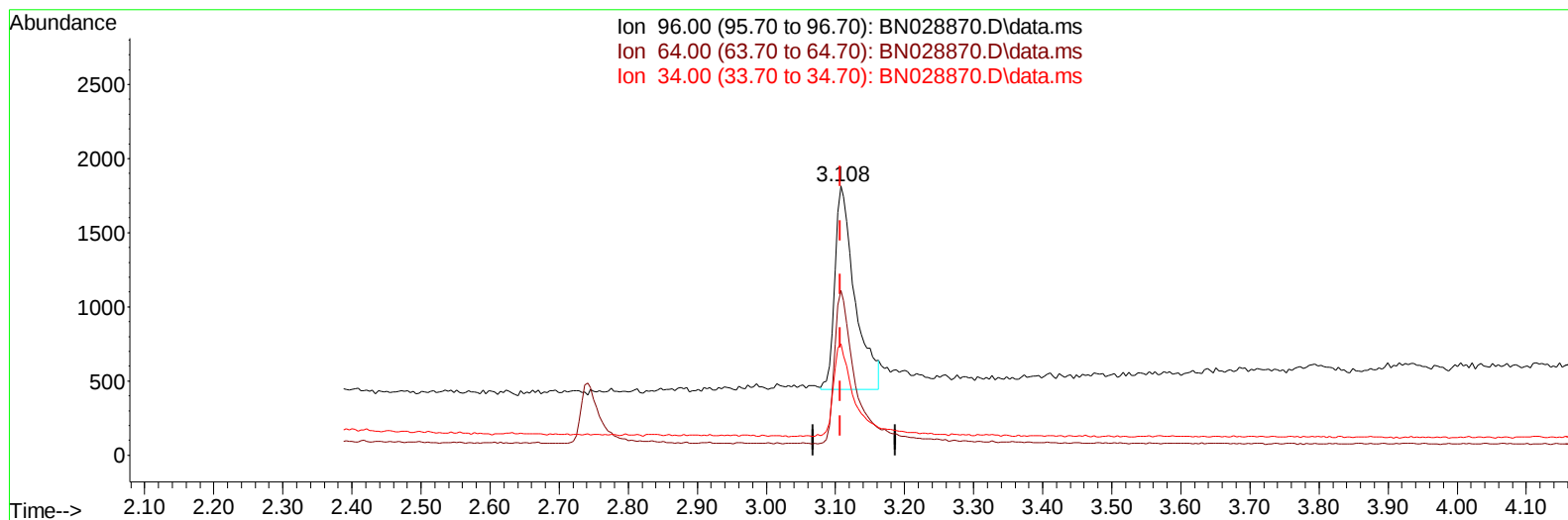
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:04:01 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: BN028870.D\data.ms

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

3.108min (+ 0.000) 0.54 ng/ul m

response 2771

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	61.19
34.00	38.60	41.46
0.00	0.00	0.00

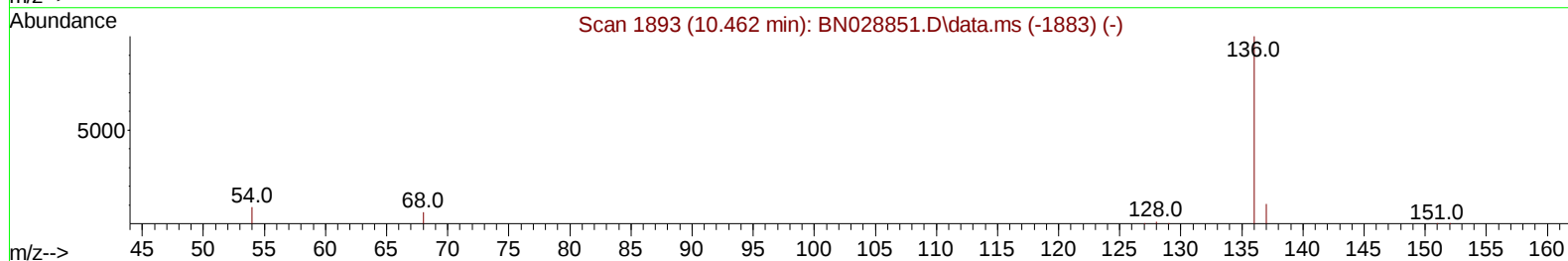
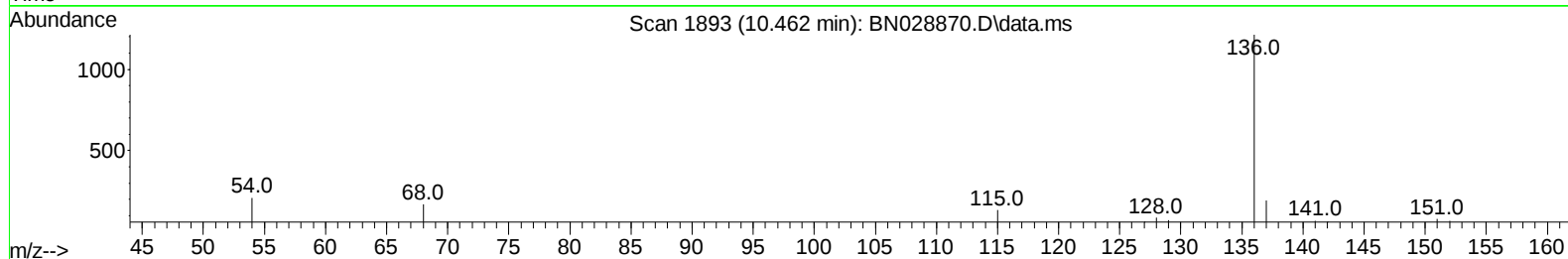
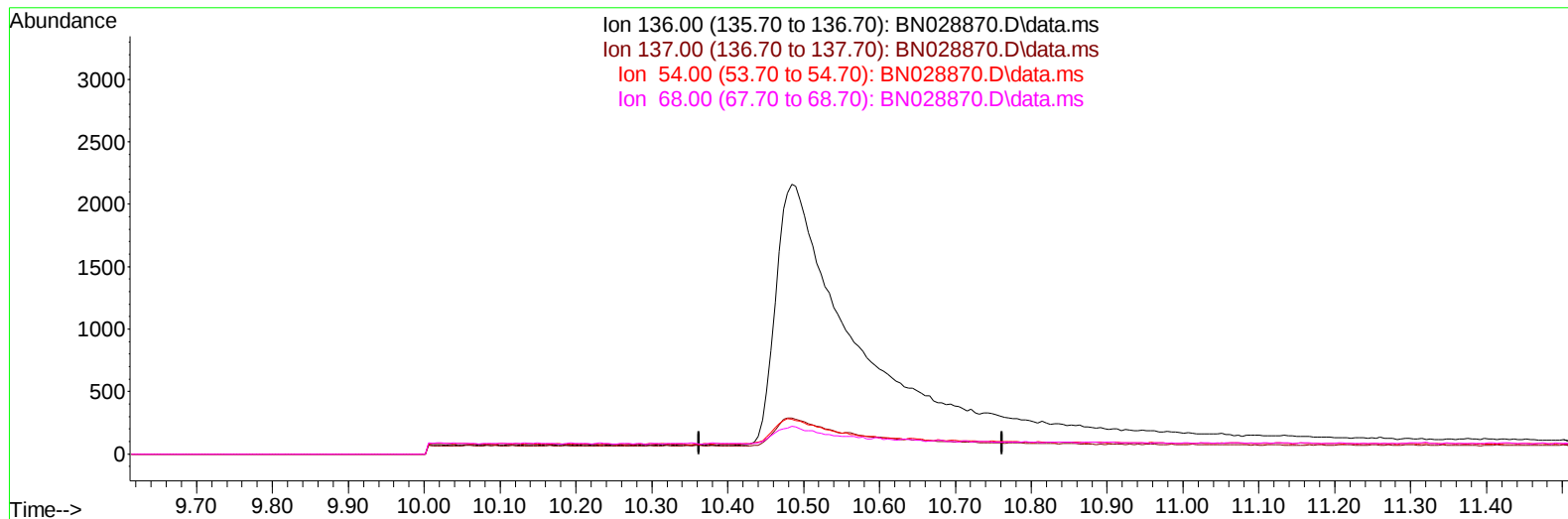
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028870.D
Acq On : 24 Nov 2023 22:24
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:04:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Tue Nov 21 23:49:43 2023
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TIC: BN028870.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#

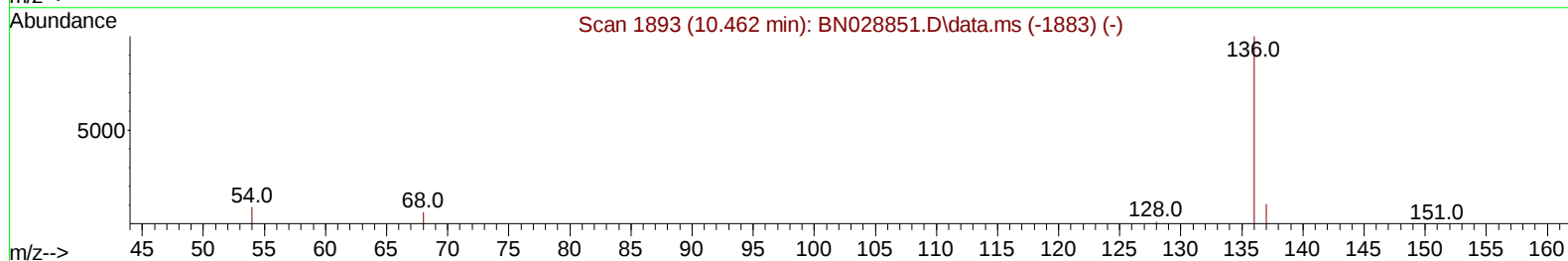
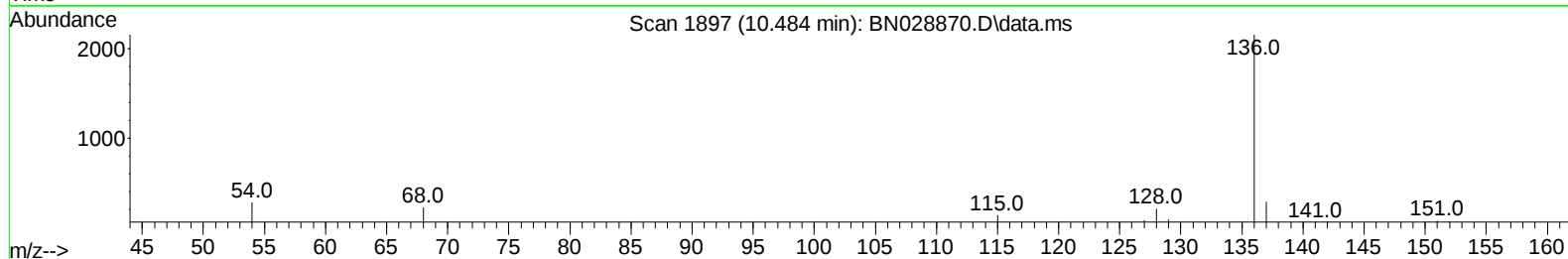
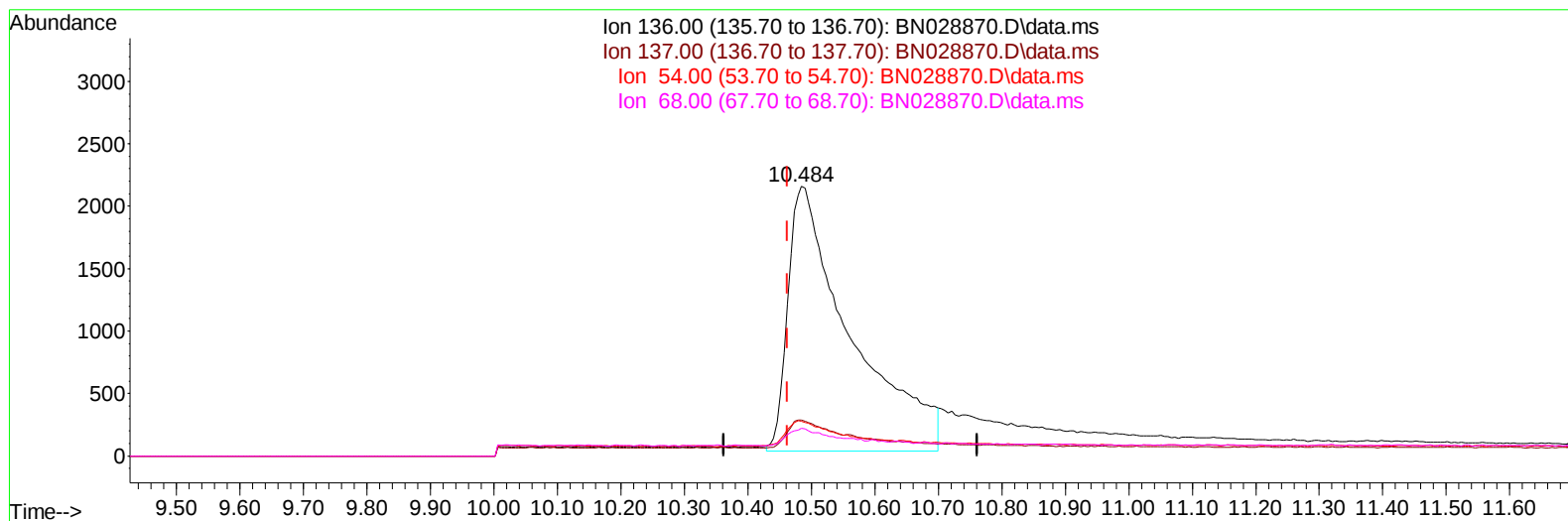
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 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:04:01 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
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 Supervised By :mohammad ahmed 11/28/2023



TIC: BN028870.D\data.ms

(4) Naphthalene-d8 (I)

10.484min (+ 0.022) 0.40 ng/ul m

response 14467

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.35
54.00	9.00	12.88#
68.00	7.10	10.38#

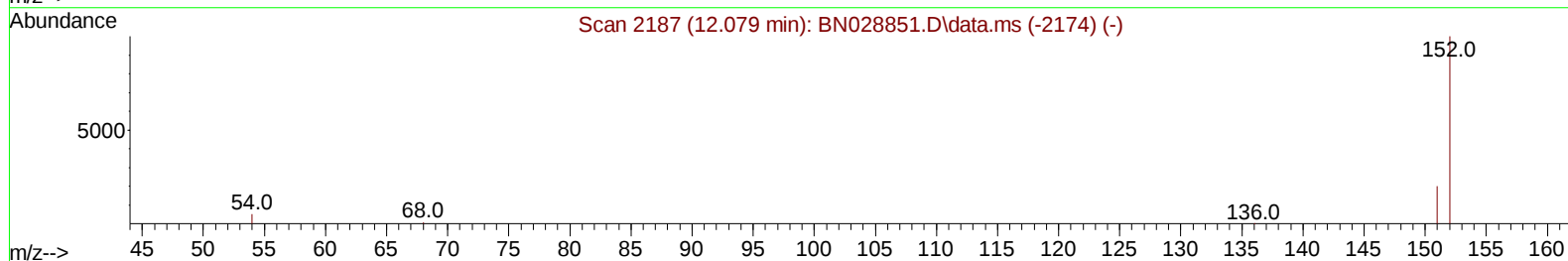
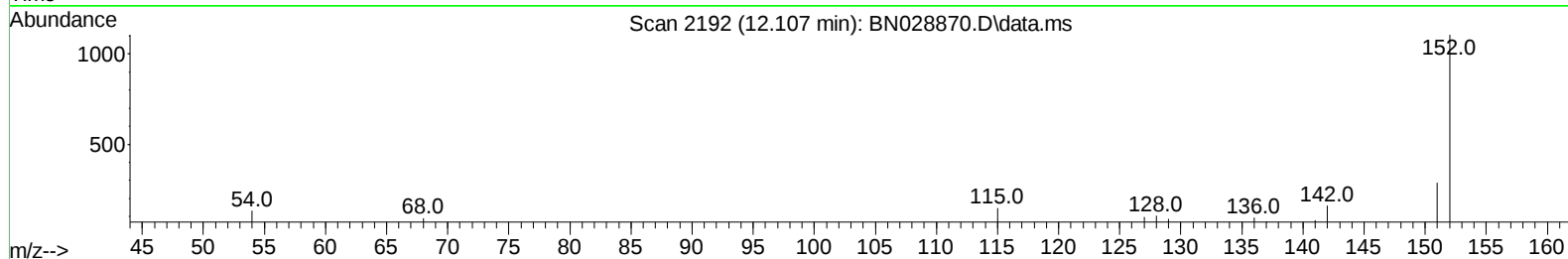
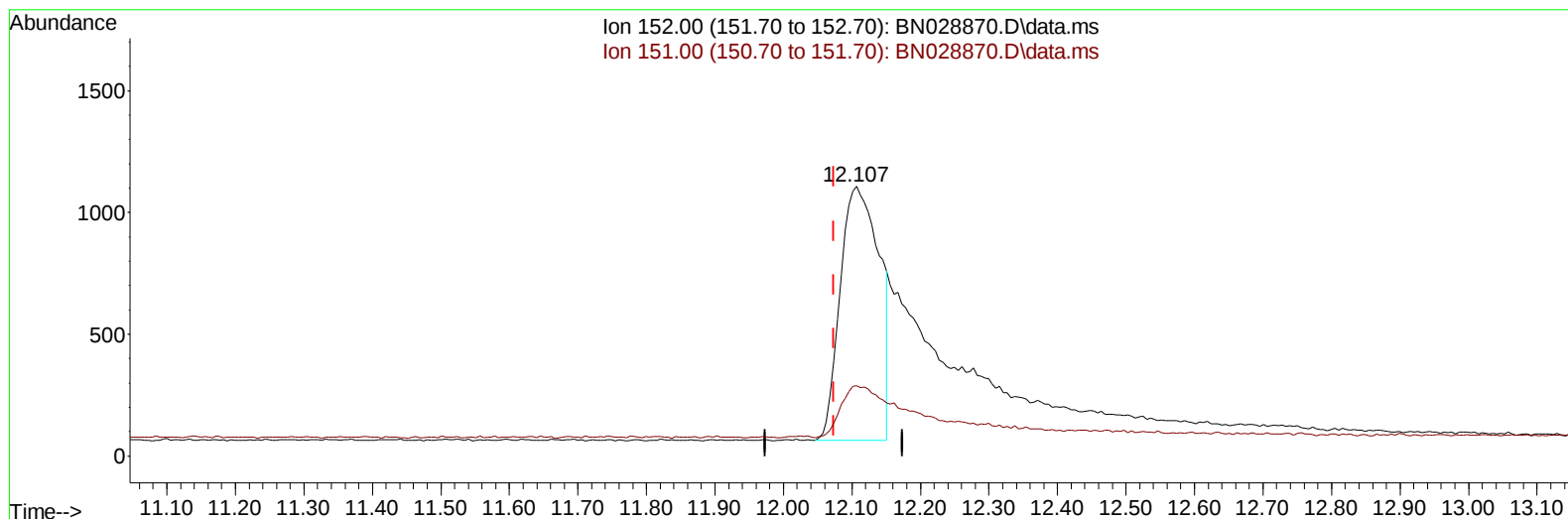
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Data File : BN028870.D
Acq On : 24 Nov 2023 22:24
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4EC

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:04:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028870.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.107min (+ 0.033) 0.19 ng/u1

response 4133

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	20.59
0.00	0.00	0.00
0.00	0.00	0.00

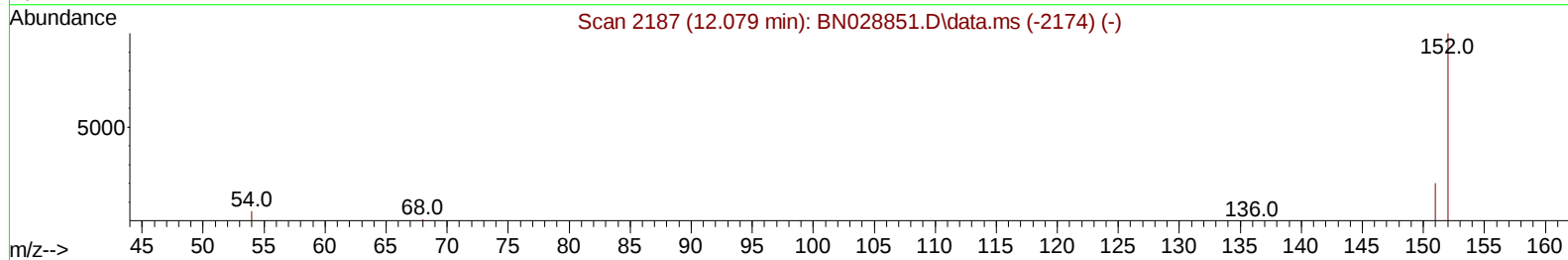
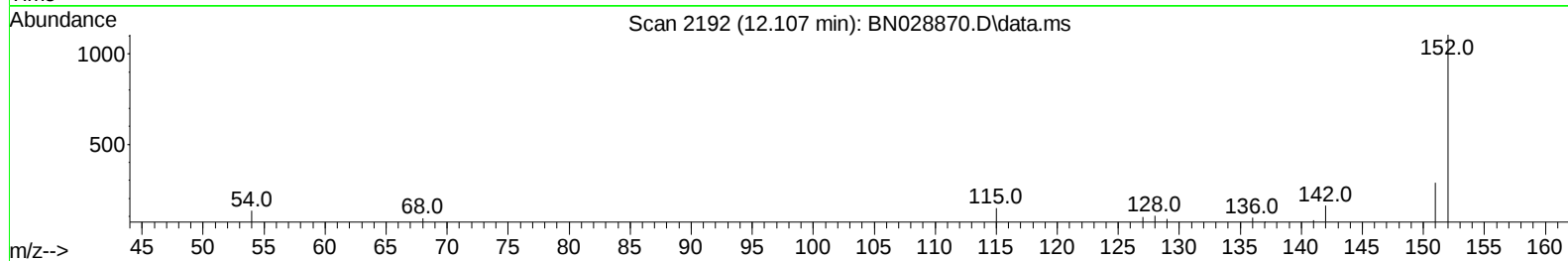
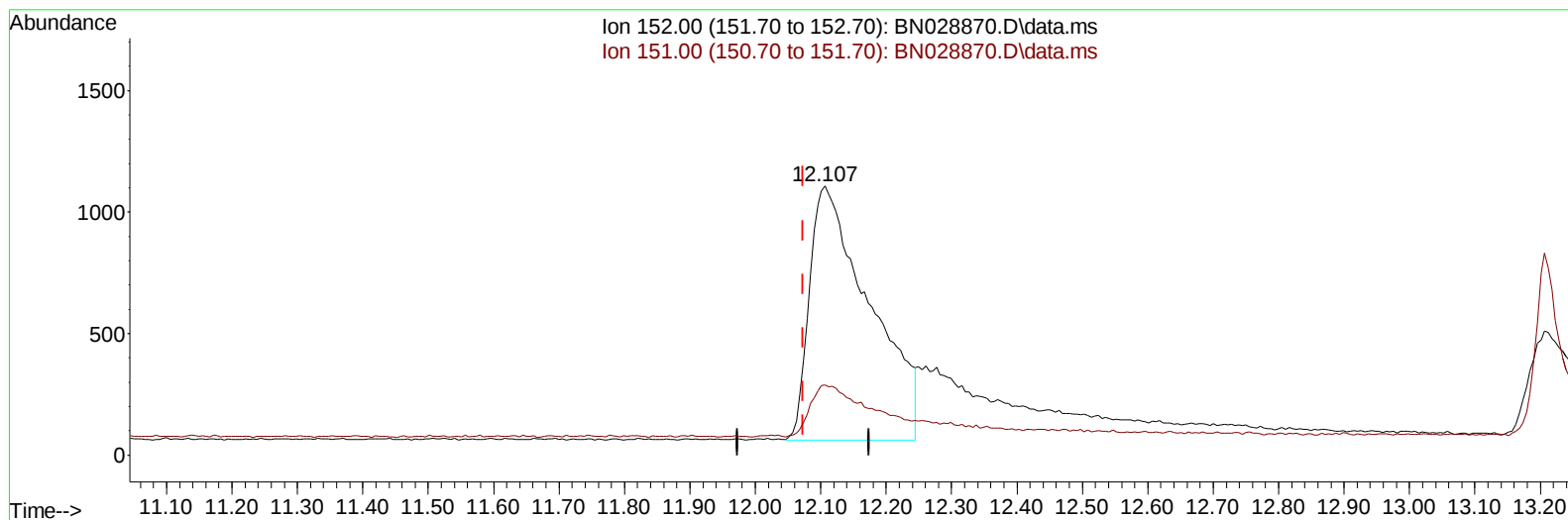
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 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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TIC: BN028870.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.107min (+ 0.033) 0.31 ng/ul m

response 6690

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	12.72#
0.00	0.00	0.00
0.00	0.00	0.00

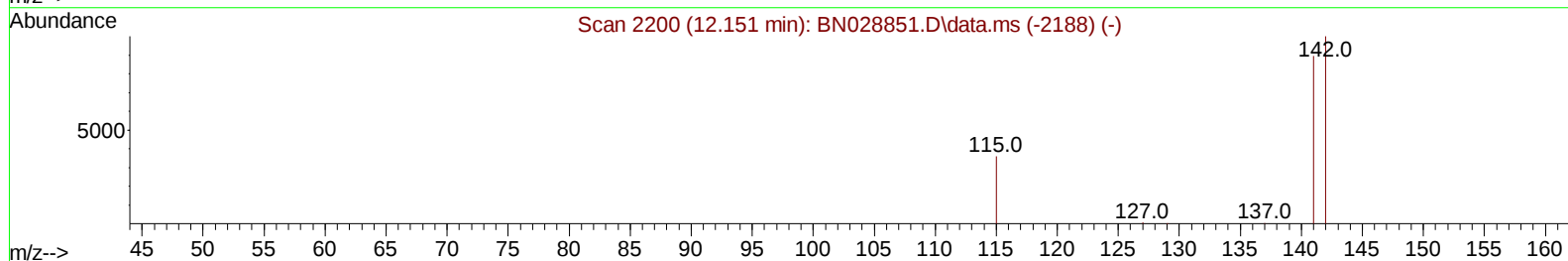
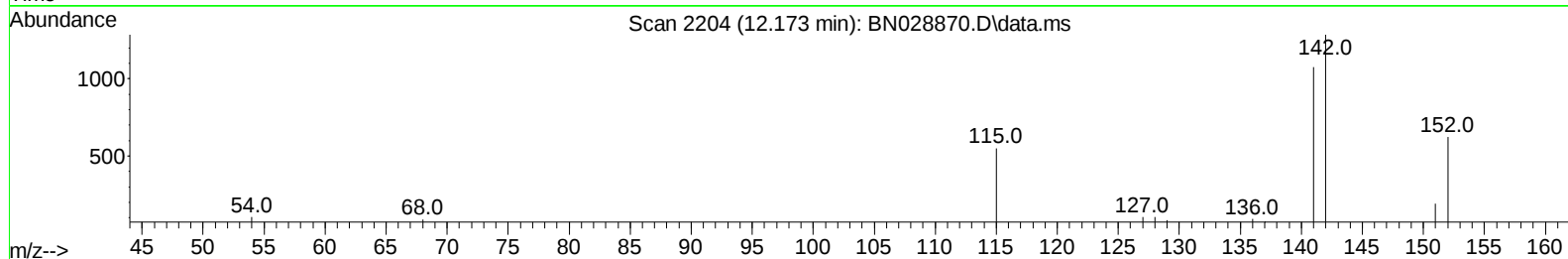
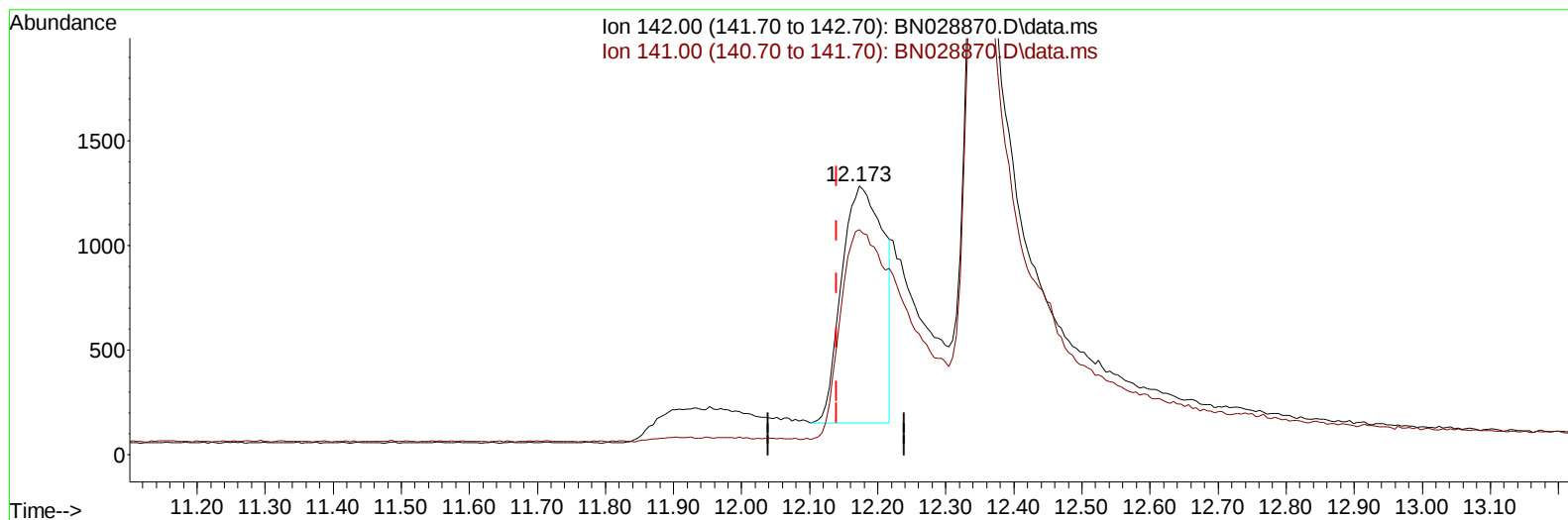
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 Data File : BN028870.D
 Acq On : 24 Nov 2023 22:24
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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TIC: BN028870.D\data.ms

(7) 2-Methylnaphthalene

12.173min (+ 0.033) 0.18 ng/u1

response 4837

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	85.53
0.00	0.00	0.00
0.00	0.00	0.00

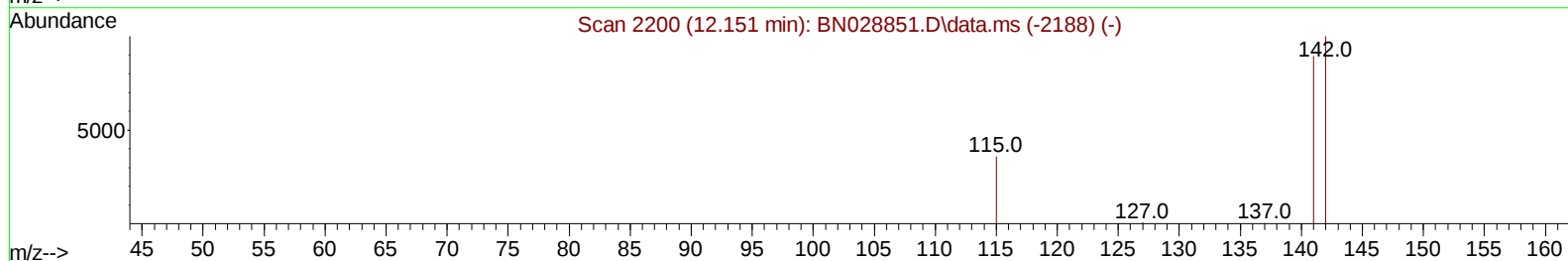
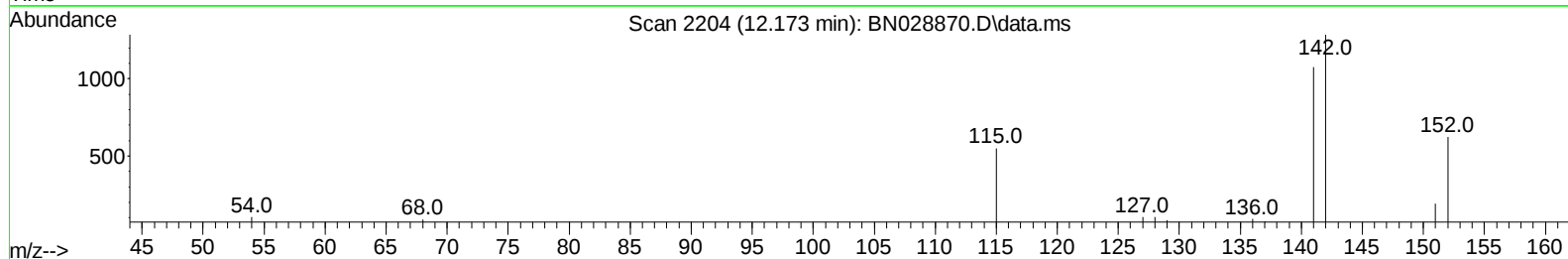
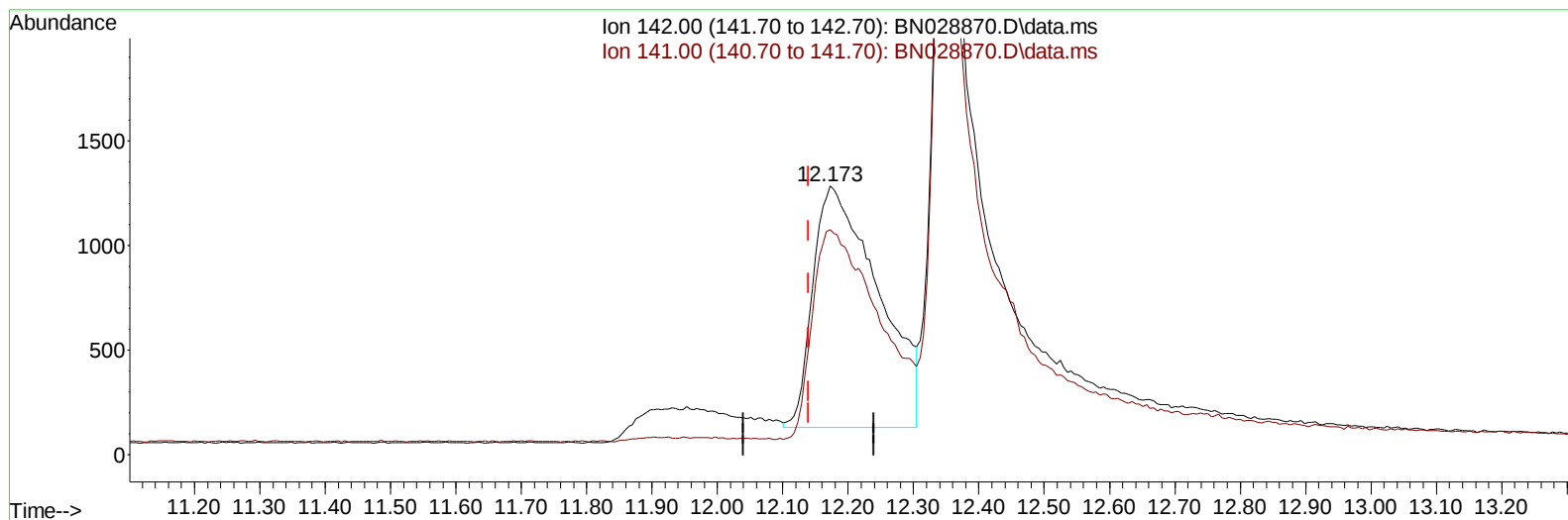
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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TIC: BN028870.D\data.ms

(7) 2-Methylnaphthalene

12.173min (+ 0.033) 0.30 ng/ul m

response 7990

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	51.78#
0.00	0.00	0.00
0.00	0.00	0.00

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 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4EC

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	4685m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.484	136	14467m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.302	164	9606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.073	188	13825	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.275	240	13981	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	12927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	2771m	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	6690m	0.307	ng/ul	0.03
18) Fluoranthene-d10	19.099	212	19181	0.426	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.141	88	3155m	0.551	ng/ul	
5) Naphthalene	10.534	128	13999	0.345	ng/ul#	95
7) 2-Methylnaphthalene	12.173	142	7990m	0.299	ng/ul	
8) 1-Methylnaphthalene	12.349	142	8959	0.330	ng/ul	98
10) Acenaphthylene	14.029	152	18257	0.381	ng/ul	97
11) Acenaphthene	14.362	153	15054	0.427	ng/ul	98
12) Fluorene	15.375	166	13128	0.320	ng/ul	95
14) Pentachlorophenol	16.735	266	1110	0.335	ng/ul	96
15) Phenanthrene	17.111	178	20022	0.471	ng/ul	96
16) Anthracene	17.225	178	12262	0.315	ng/ul	96
19) Fluoranthene	19.127	202	25459	0.428	ng/ul	98
20) Pyrene	19.489	202	28790	0.467	ng/ul	96
21) Benzo(a)anthracene	21.263	228	16498	0.298	ng/ul	97
22) Chrysene	21.310	228	20933	0.387	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	18728	0.386	ng/ul	83
25) Benzo(k)fluoranthene	22.906	252	22462	0.442	ng/ul	92
26) Benzo(a)pyrene	23.449	252	19494	0.426	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.877	276	21350	0.420	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.907	278	16224	0.399	ng/ul#	94
29) Benzo(g,h,i)perylene	26.581	276	18738	0.450	ng/ul	95

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

