

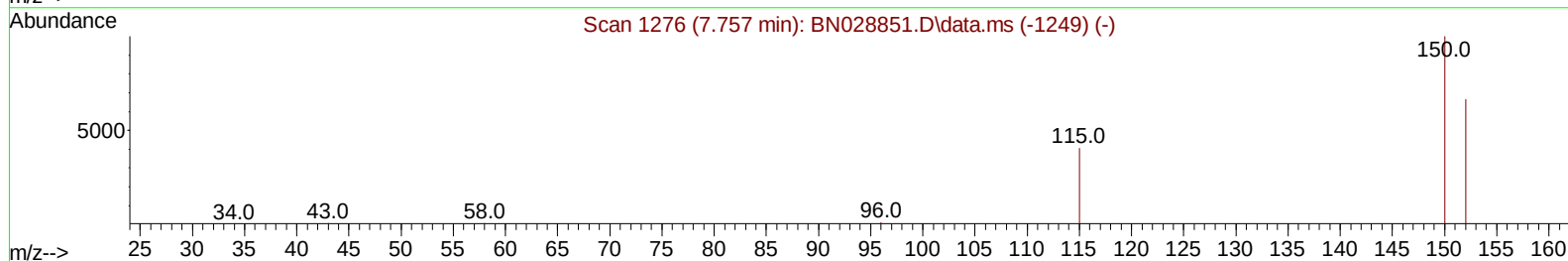
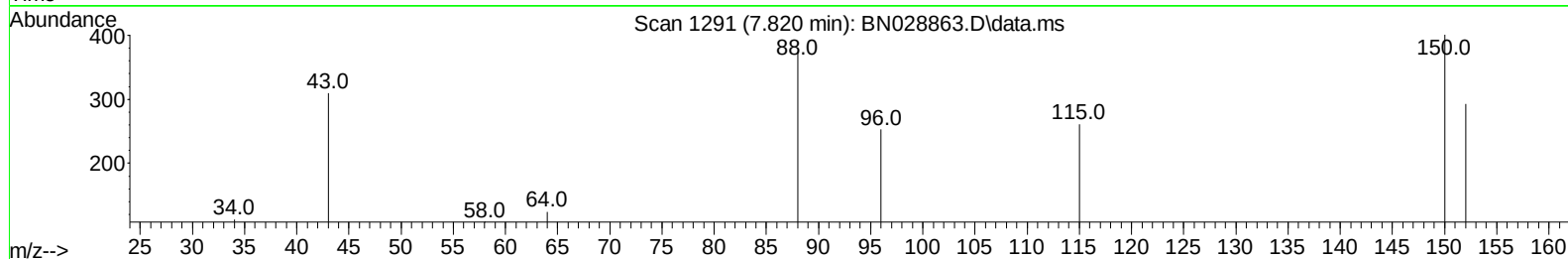
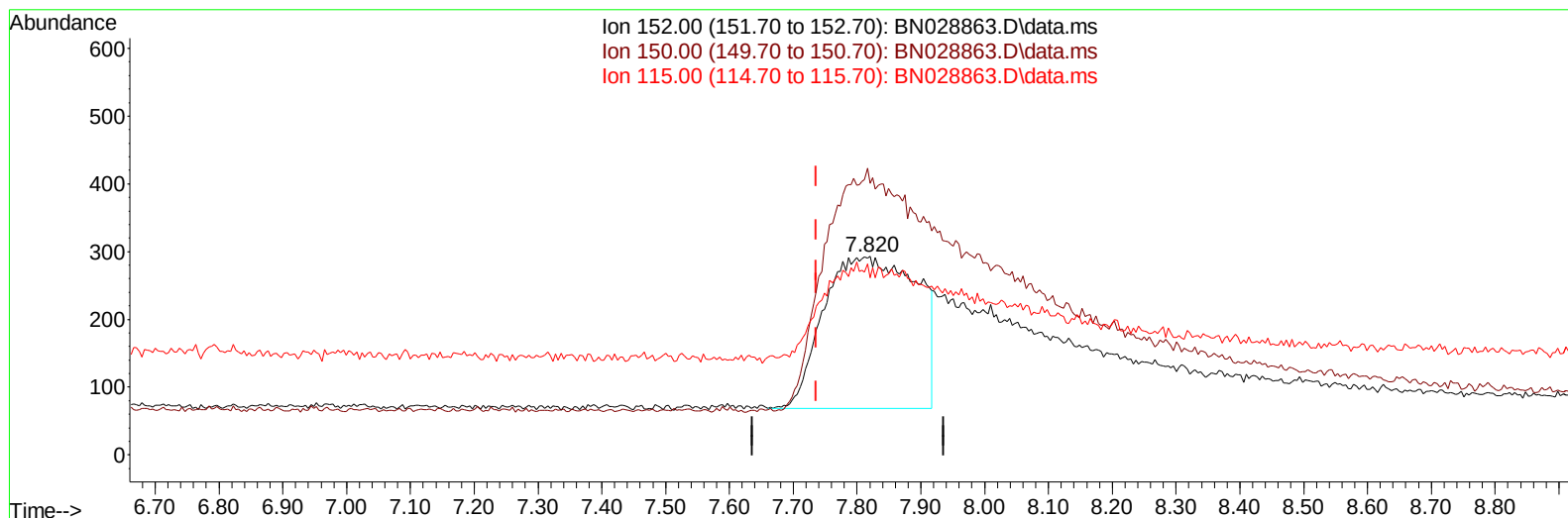
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028863.D
Acq On : 24 Nov 2023 18:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:03:02 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: BN028863.D\data.ms

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

7.820min (+ 0.084) 0.40 ng/u1

response 2275

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.86
115.00	62.20	89.08#
0.00	0.00	0.00

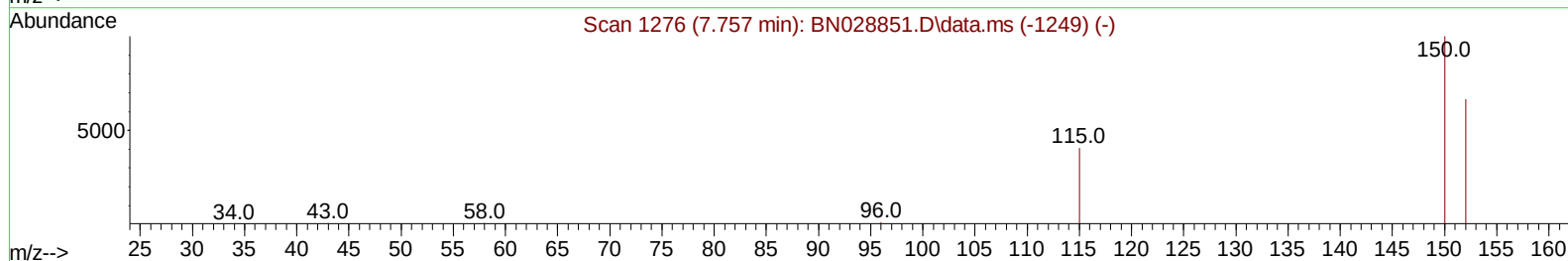
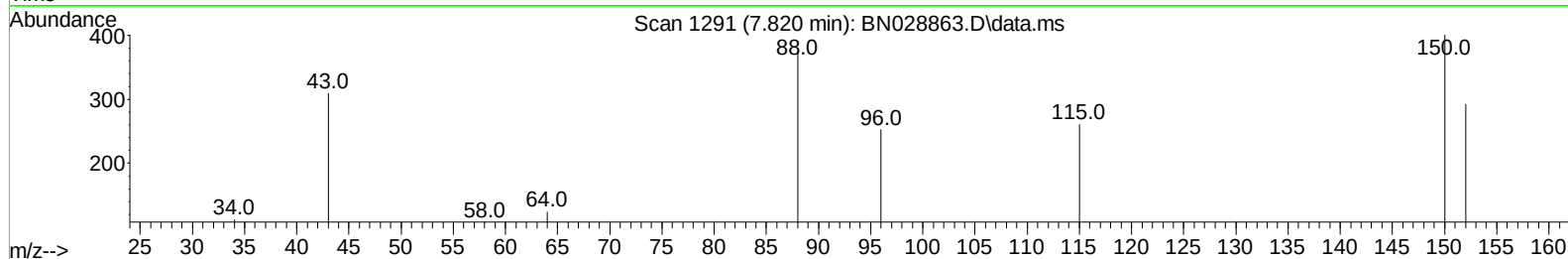
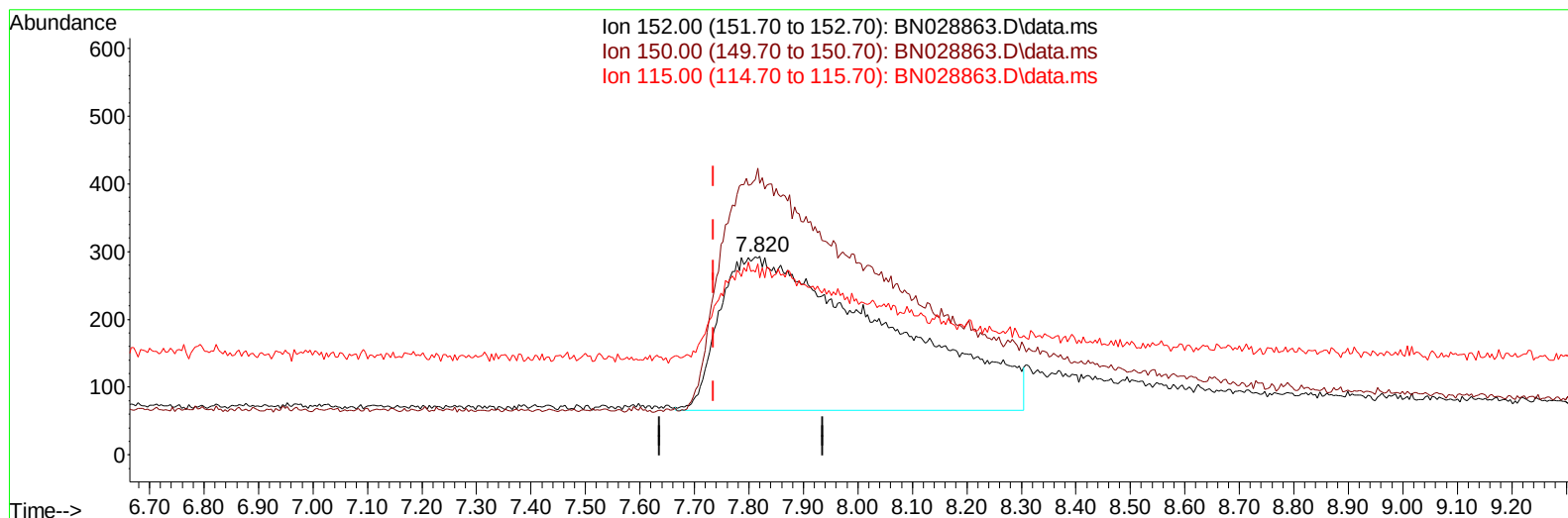
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TIC: BN028863.D\data.ms

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

7.820min (+ 0.084) 0.40 ng/ul m

response 4859

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.86
115.00	62.20	89.08#
0.00	0.00	0.00

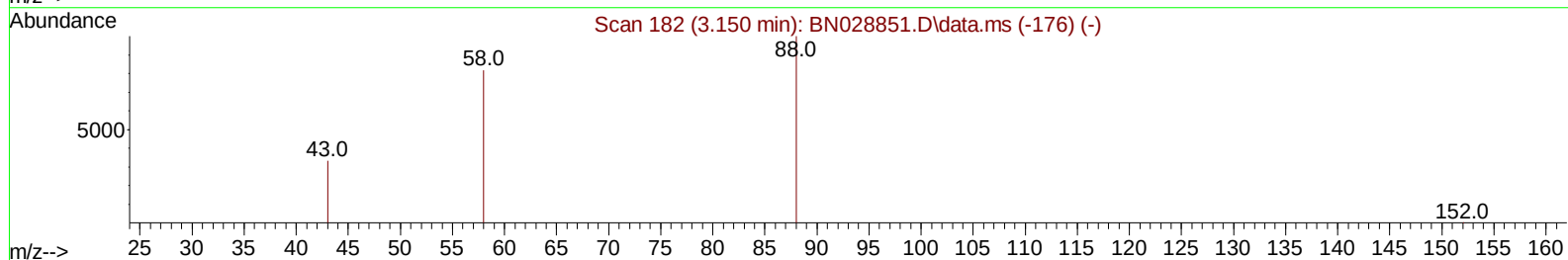
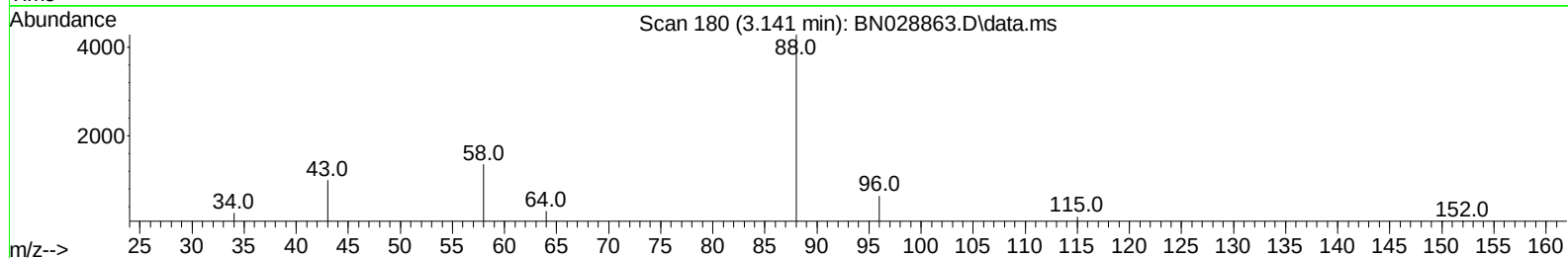
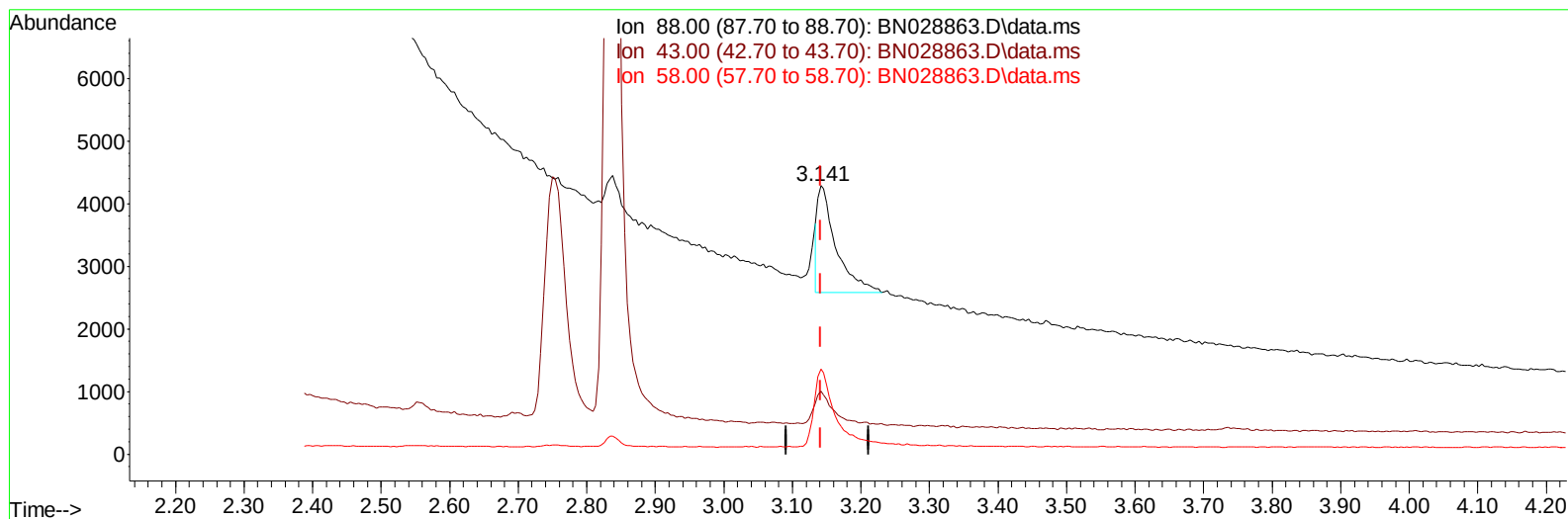
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TIC: BN028863.D\data.ms

(2) 1,4-Dioxane

3.141min (+ 0.000) 0.55 ng/uL

response 3241

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	23.43#
58.00	52.30	31.74#
0.00	0.00	0.00

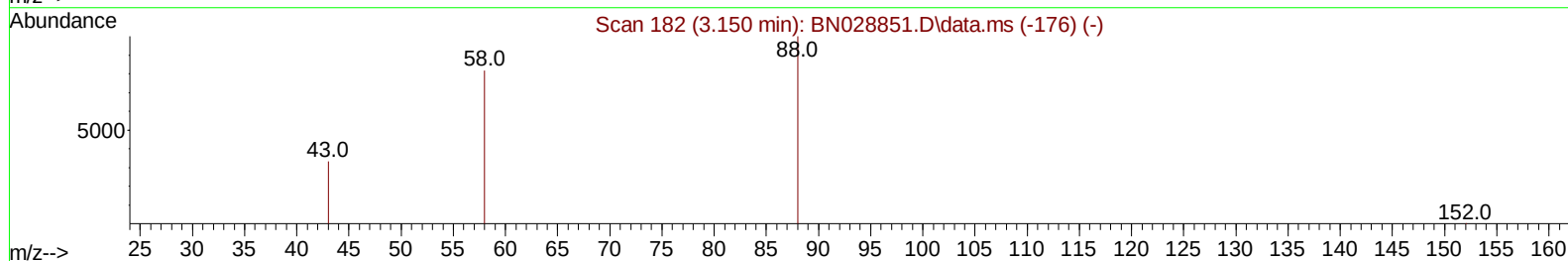
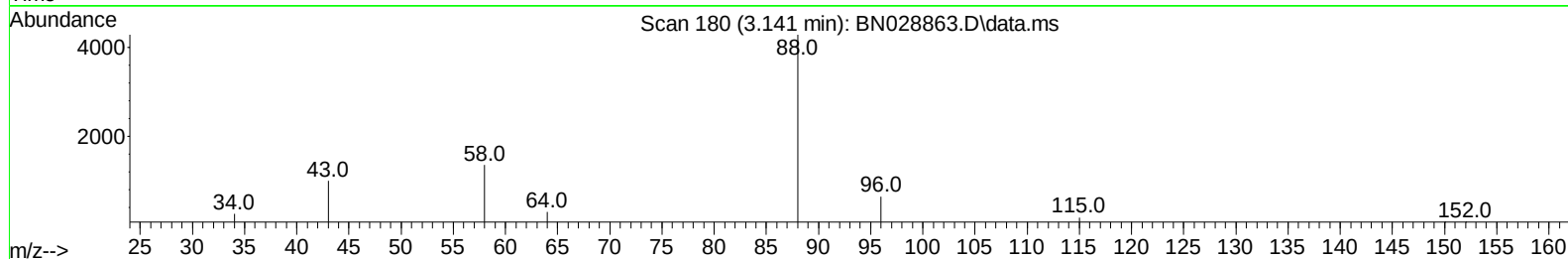
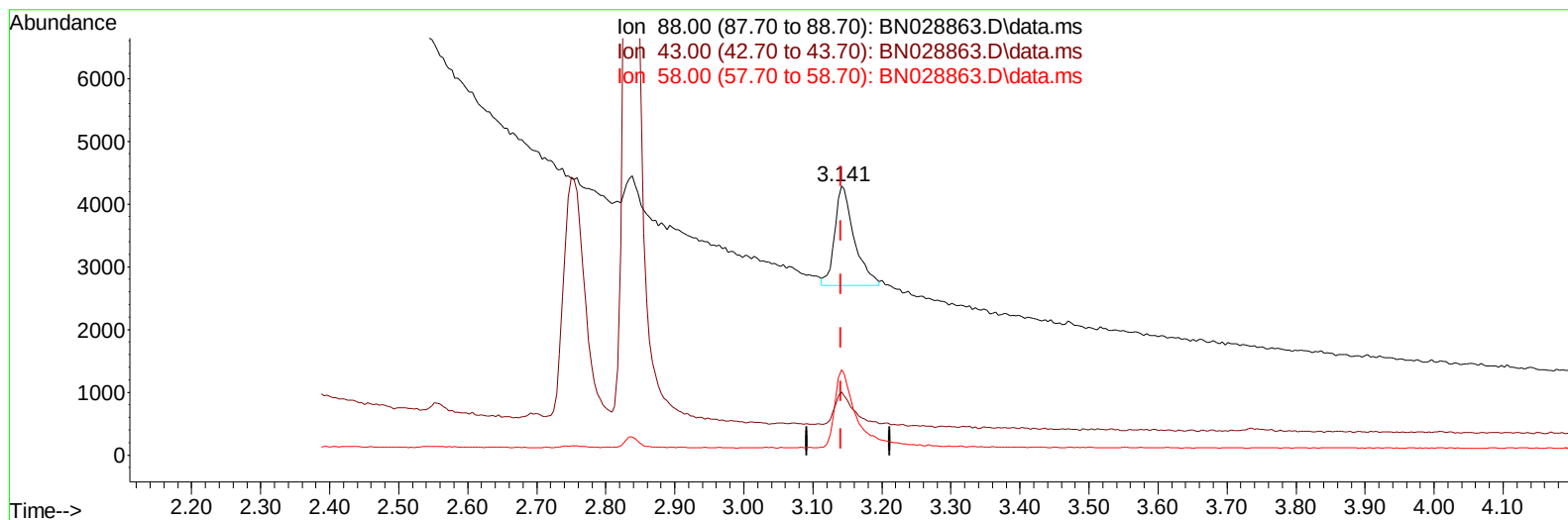
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TIC: BN028863.D\data.ms

(2) 1,4-Dioxane

3.141min (+ 0.000) 0.53 ng/ul m

response 3134

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	23.43#
58.00	52.30	31.74#
0.00	0.00	0.00

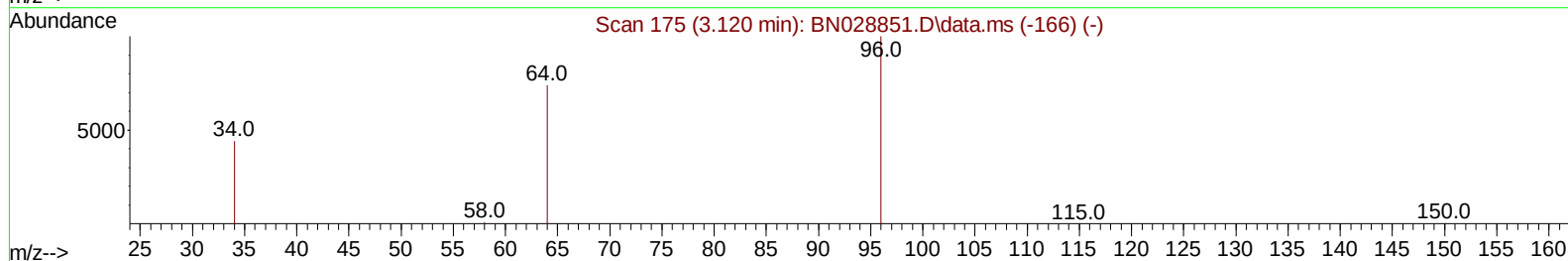
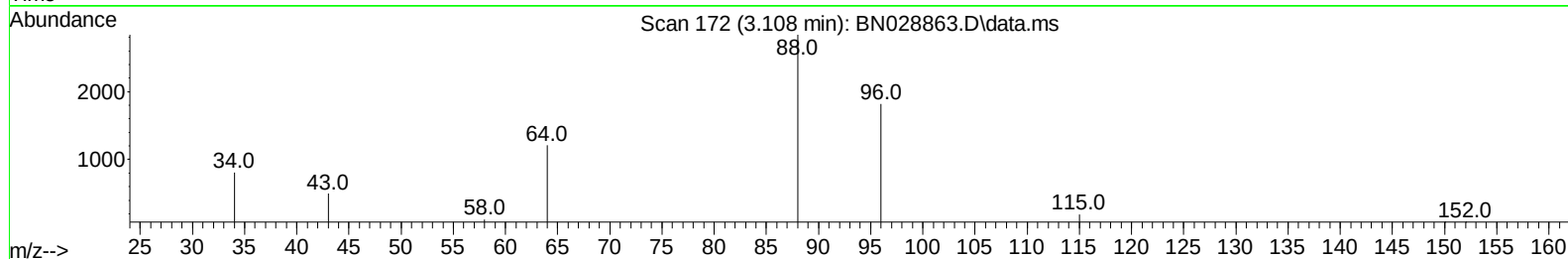
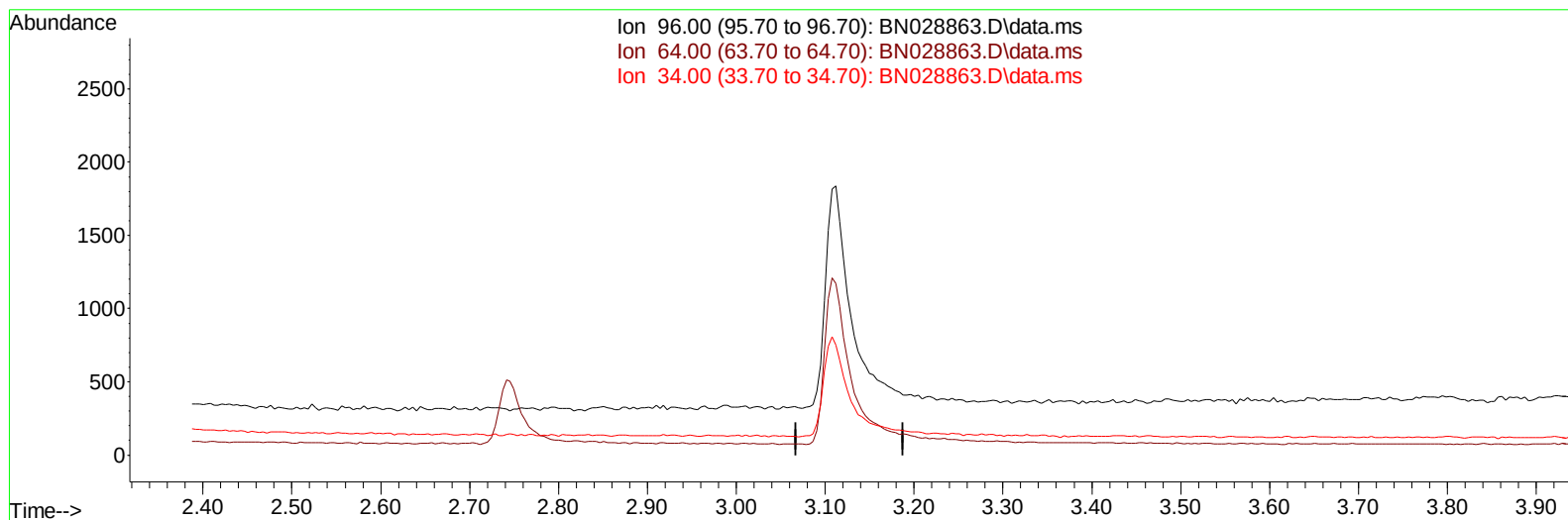
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TIC: BN028863.D\data.ms

(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

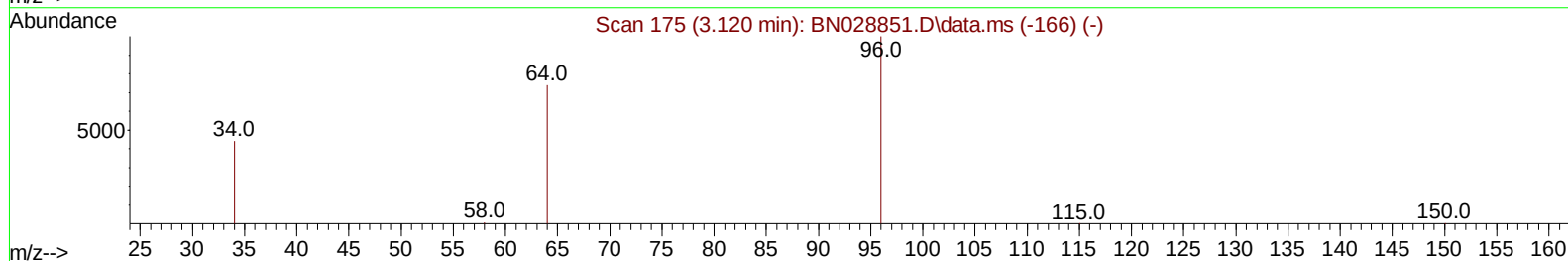
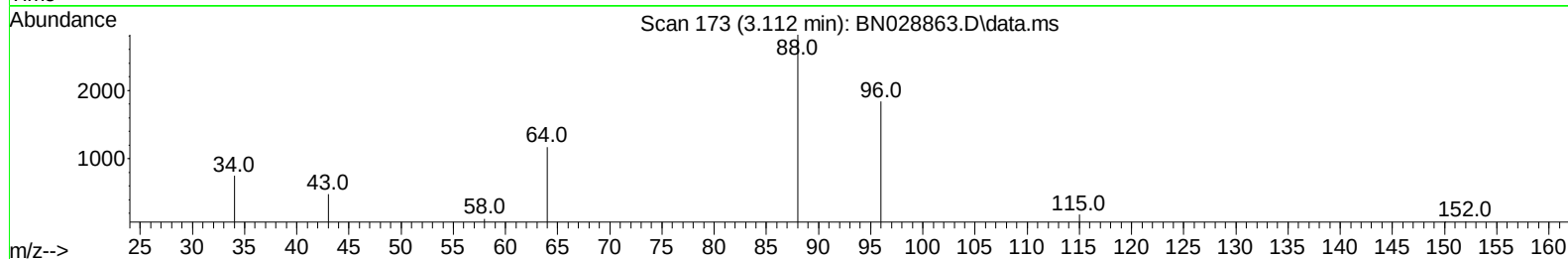
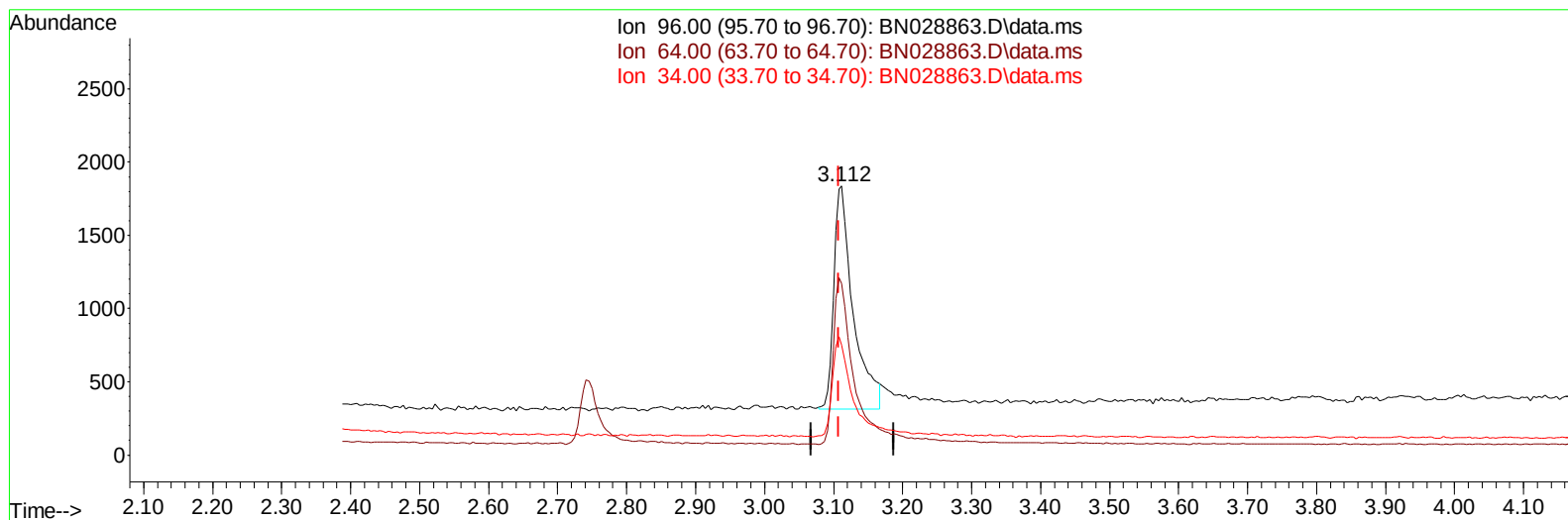
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028863.D
Acq On : 24 Nov 2023 18:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028863.D\data.ms

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

3.112min (+ 0.004) 0.55 ng/ul m

response 2956

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	63.89
34.00	38.60	40.90
0.00	0.00	0.00

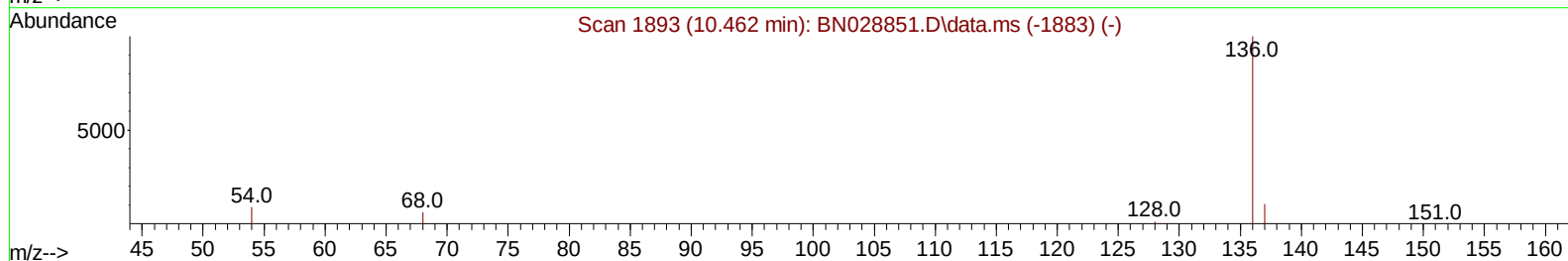
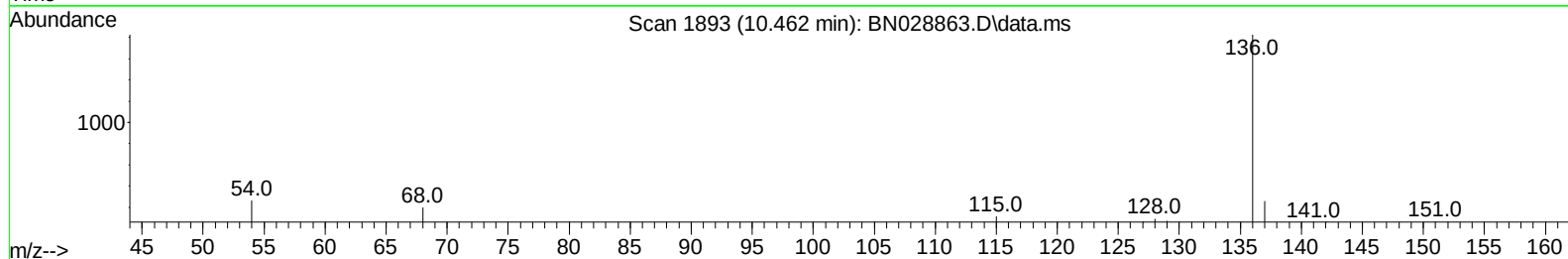
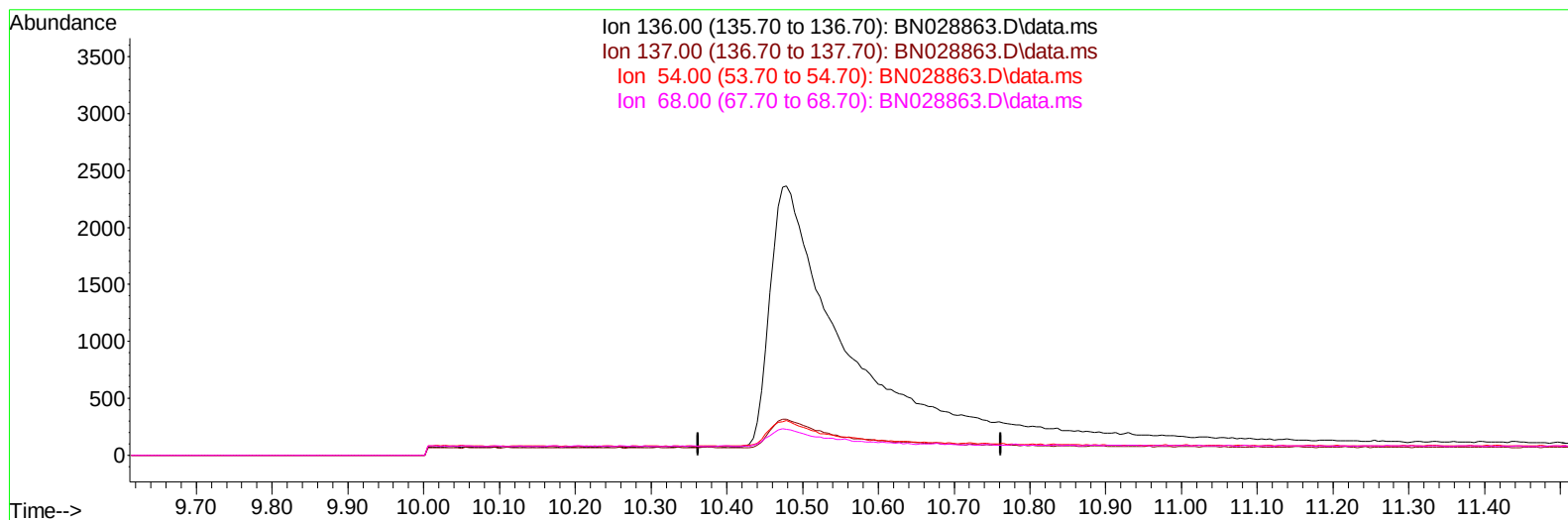
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
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TIC: BN028863.D\data.ms

(4) Naphthalene-d8 (I)

10.462min (-10.462) 0.00 ng/ul

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#

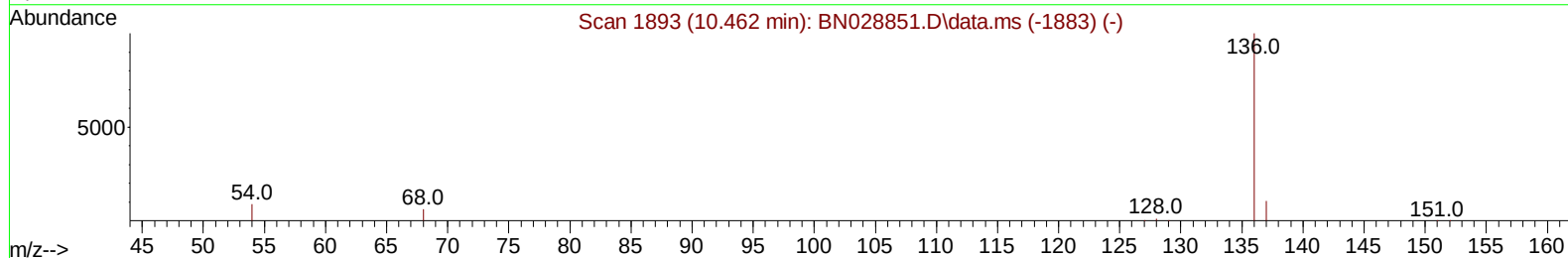
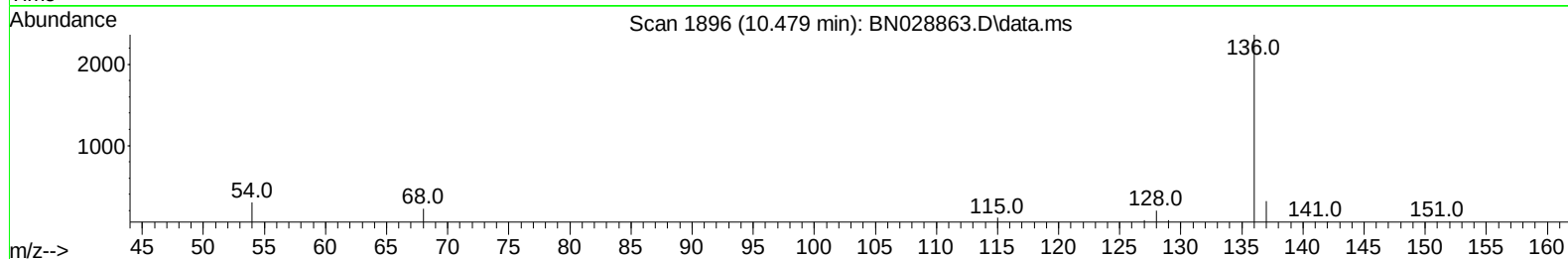
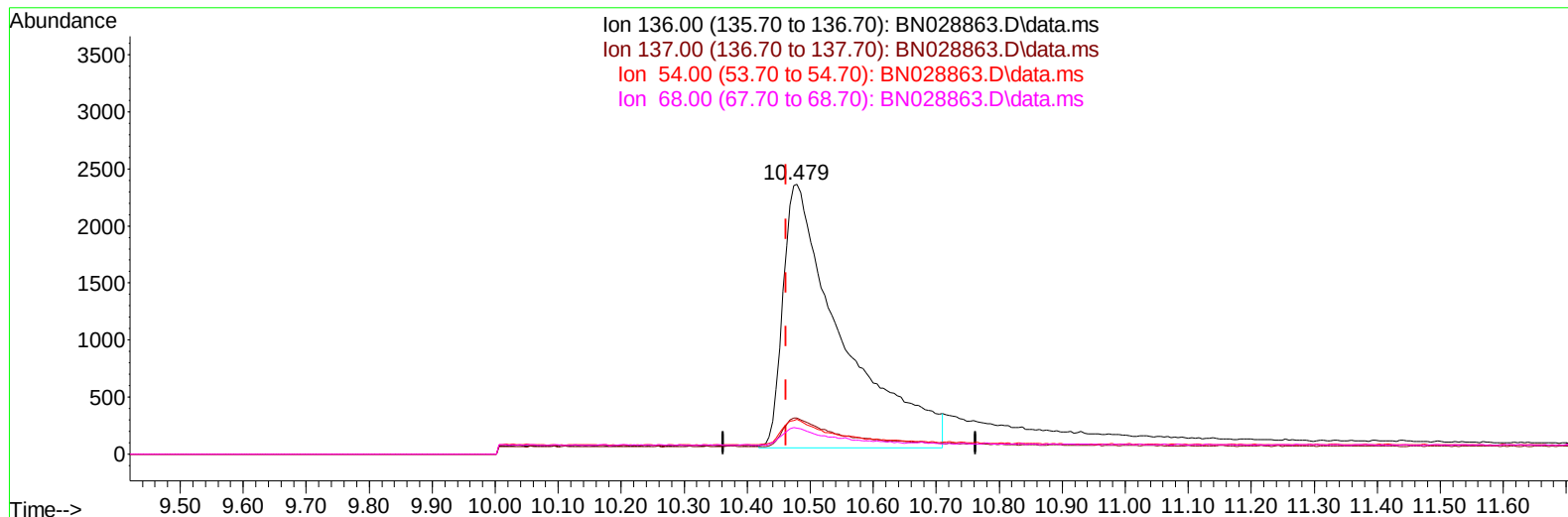
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Data File : BN028863.D
Acq On : 24 Nov 2023 18:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028863.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (+ 0.017) 0.40 ng/ul m

response 15091

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.37
54.00	9.00	12.91#
68.00	7.10	9.61#

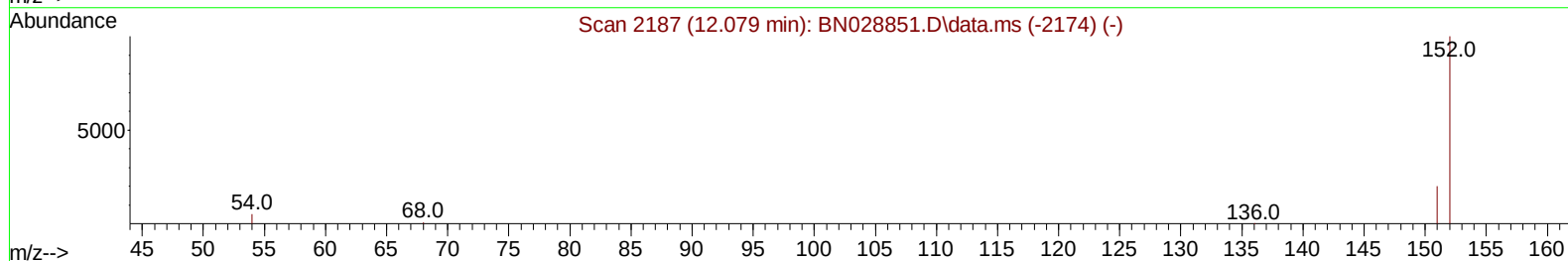
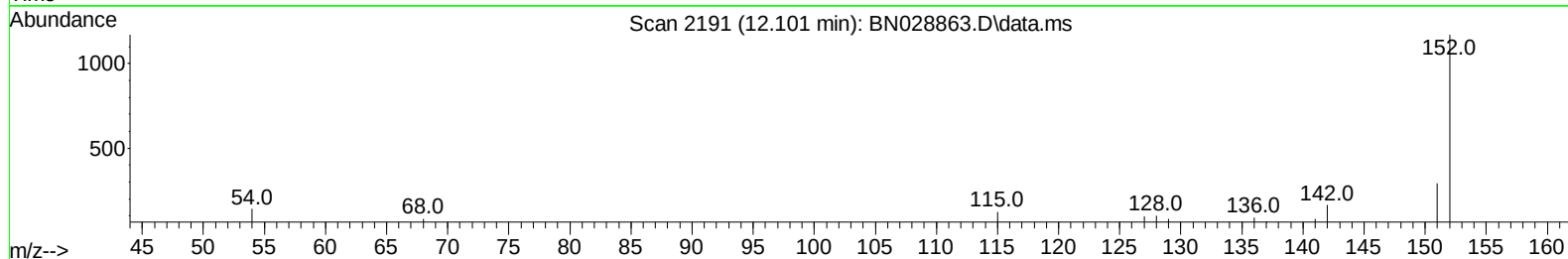
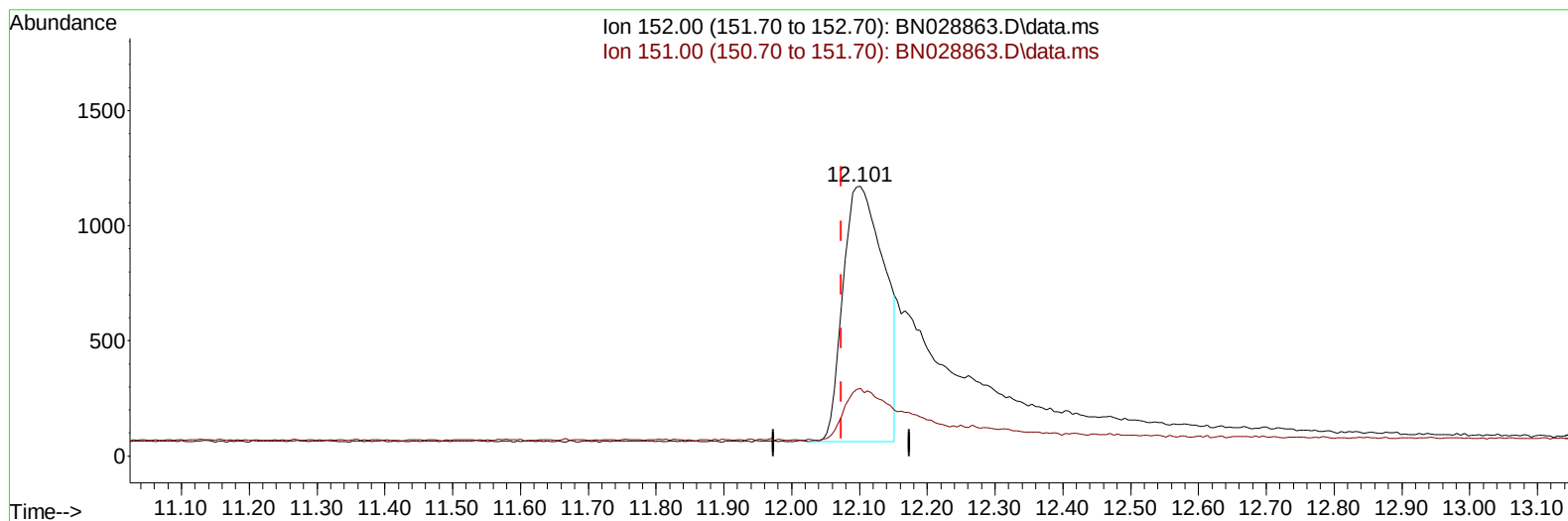
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028863.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.101min (+ 0.027) 0.20 ng/u1

response 4651

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	19.97
0.00	0.00	0.00
0.00	0.00	0.00

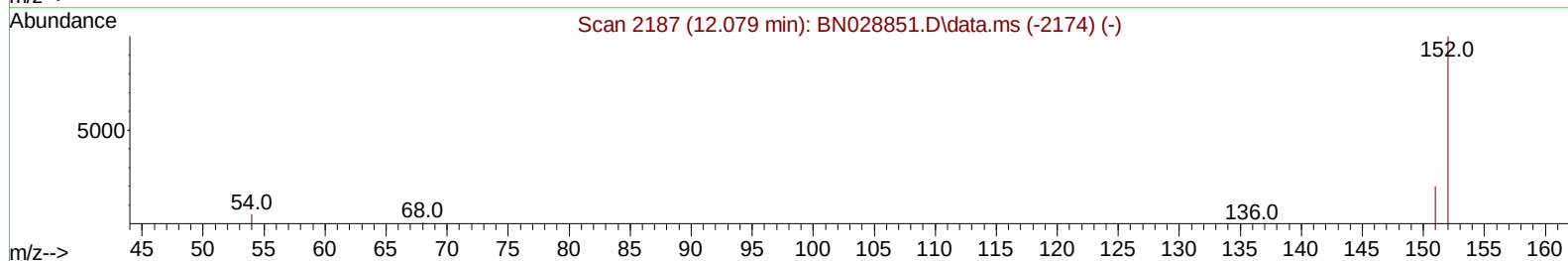
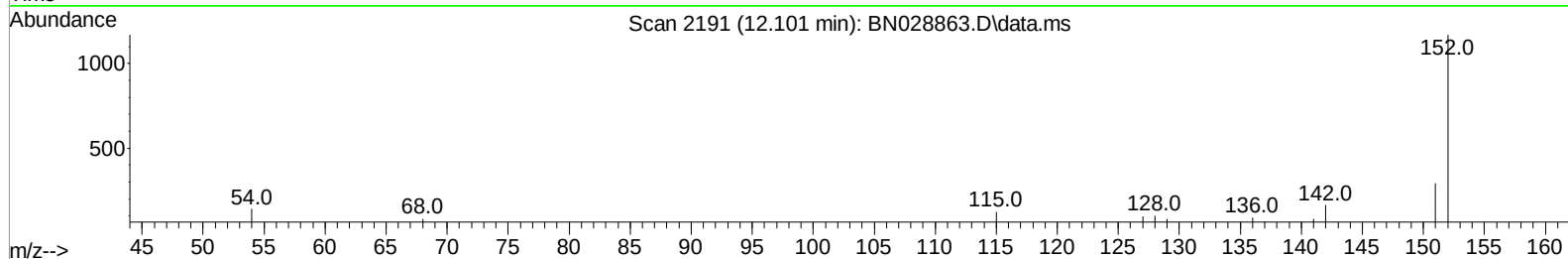
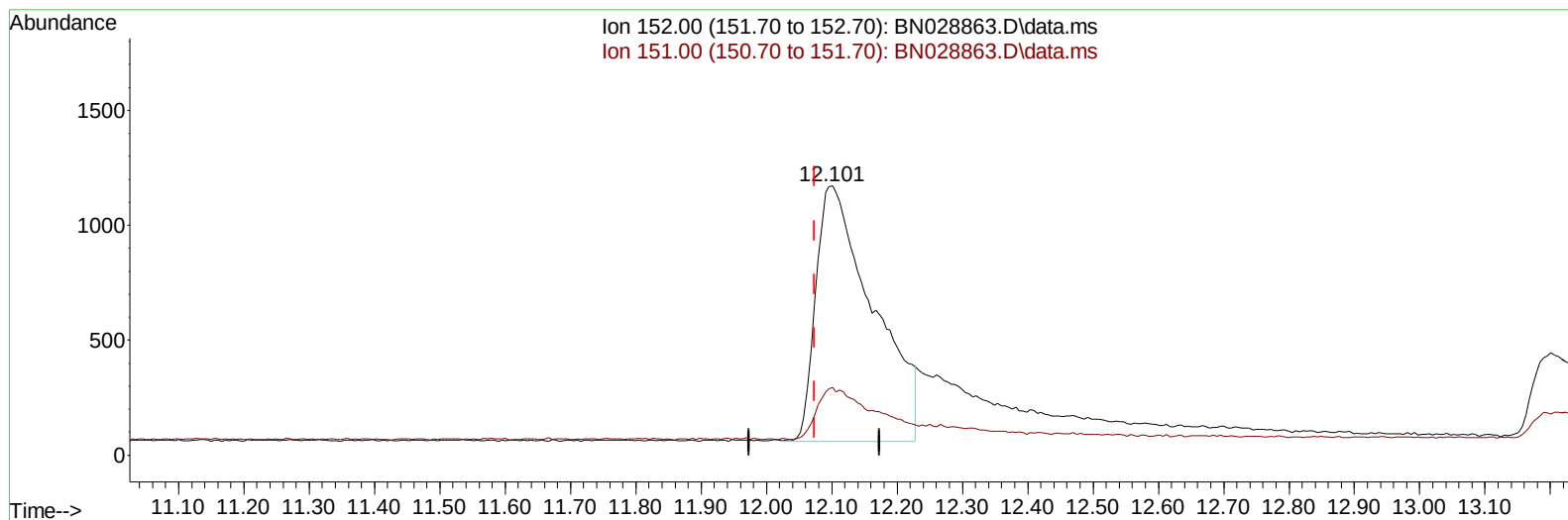
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TIC: BN028863.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.101min (+ 0.027) 0.30 ng/ul m

response 6778

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	13.71#
0.00	0.00	0.00
0.00	0.00	0.00

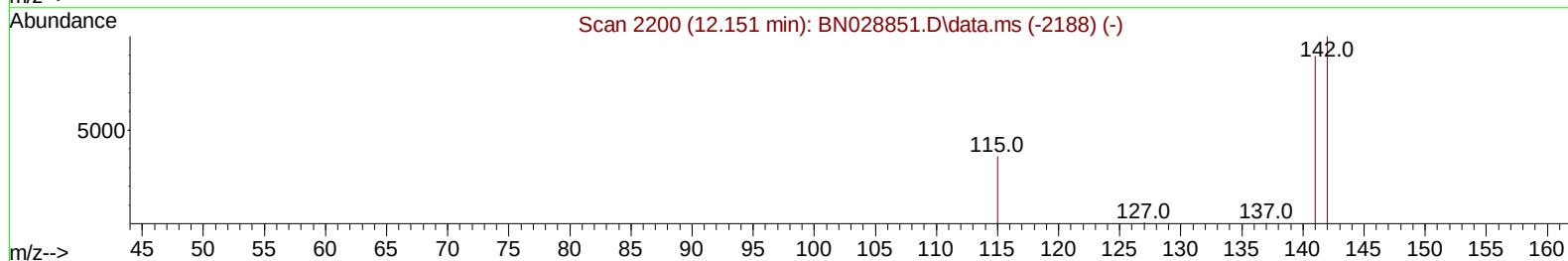
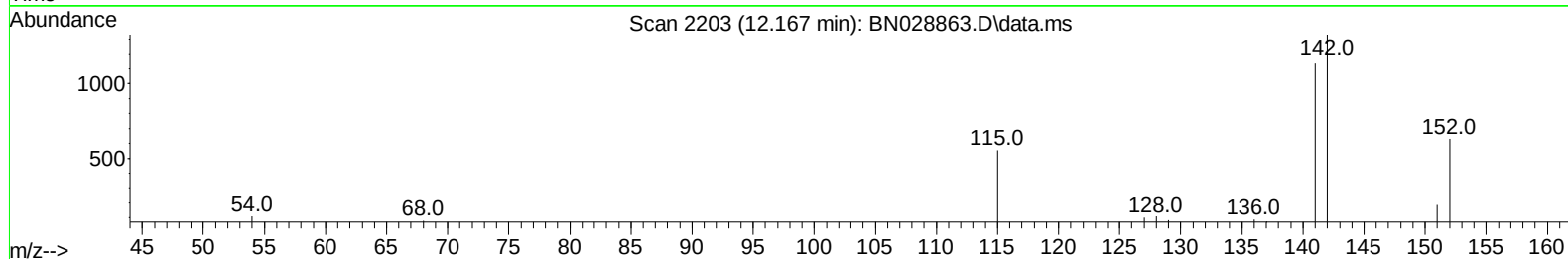
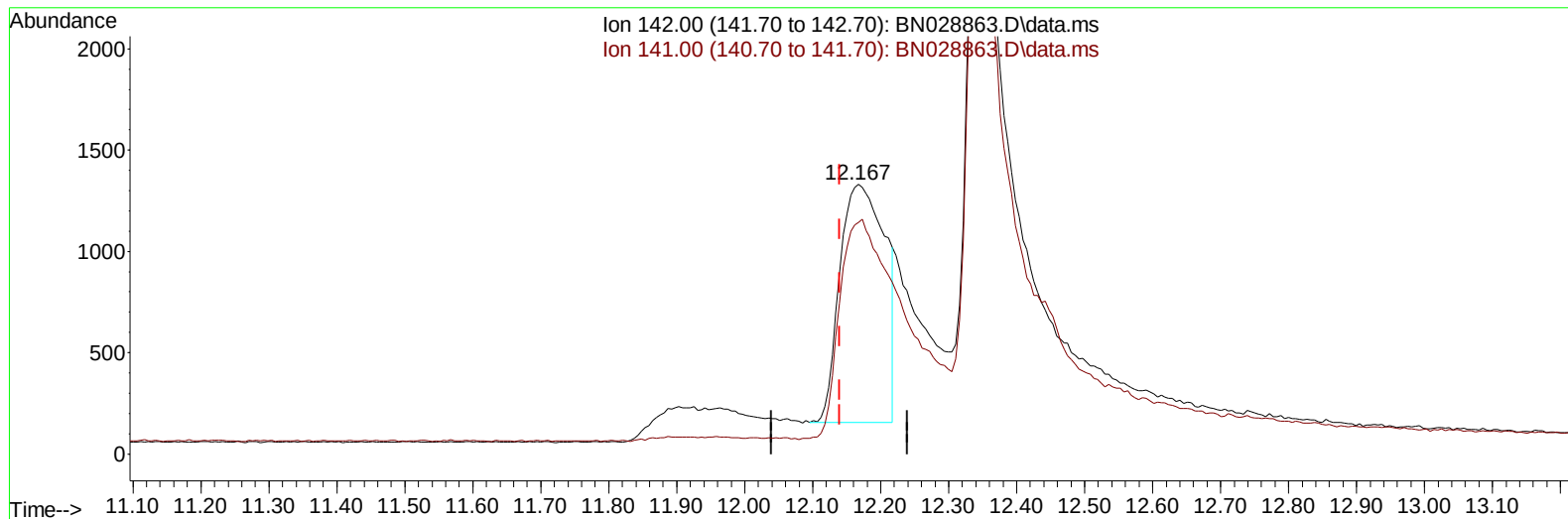
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TIC: BN028863.D\data.ms

(7) 2-Methylnaphthalene

12.167min (+ 0.028) 0.19 ng/uI

response 5421

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	91.57
0.00	0.00	0.00
0.00	0.00	0.00

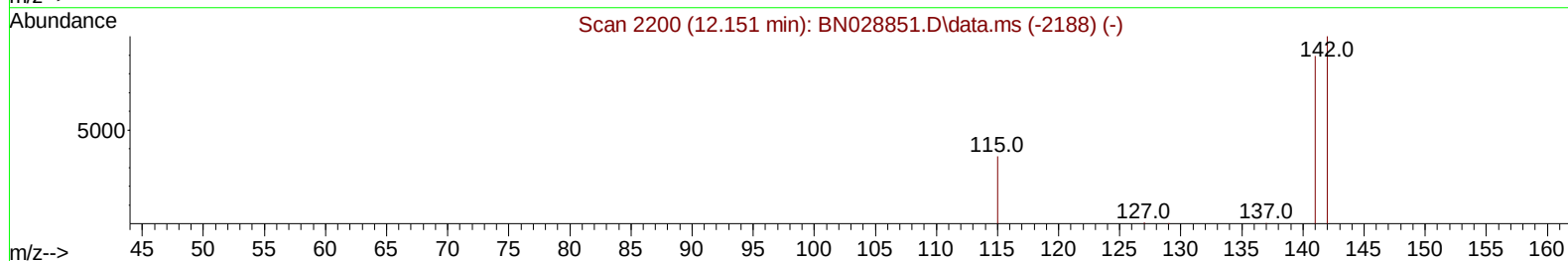
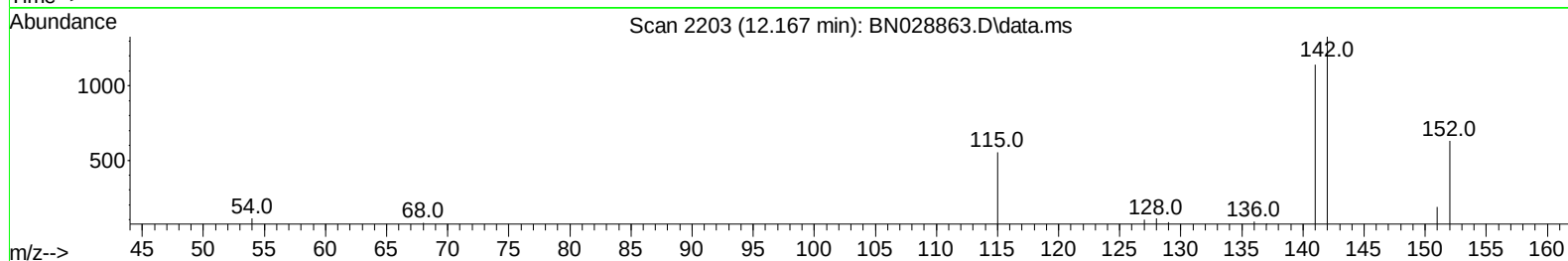
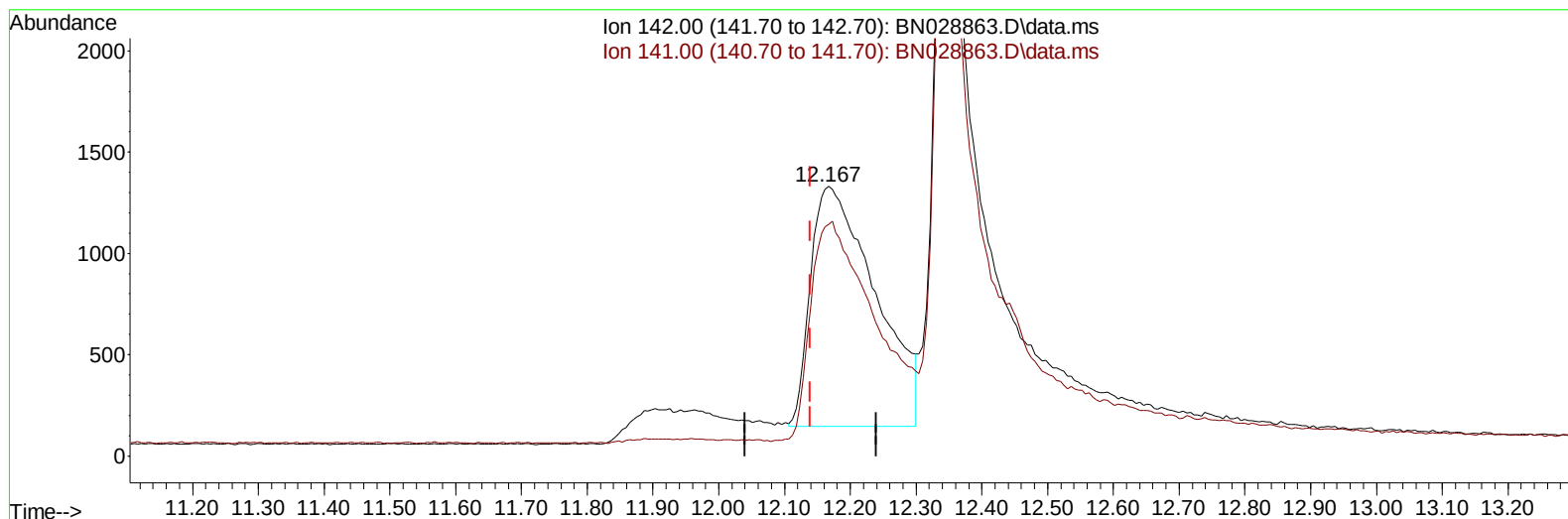
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TIC: BN028863.D\data.ms

(7) 2-Methylnaphthalene

12.167min (+ 0.028) 0.29 ng/ul m

response 8098

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	61.30#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	4859m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.479	136	15091m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.302	164	9320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.073	188	12609	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.275	240	10576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	10385	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	2956m	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.101	152	6778m	0.298	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	15987	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.141	88	3134m	0.528	ng/ul	
5) Naphthalene	10.523	128	14809	0.350	ng/ul	95
7) 2-Methylnaphthalene	12.167	142	8098m	0.291	ng/ul	
8) 1-Methylnaphthalene	12.349	142	9271	0.328	ng/ul	98
10) Acenaphthylene	14.024	152	17963	0.386	ng/ul	98
11) Acenaphthene	14.362	153	14517	0.424	ng/ul	99
12) Fluorene	15.375	166	12576	0.316	ng/ul	100
14) Pentachlorophenol	16.739	266	1129	0.373	ng/ul	99
15) Phenanthrene	17.106	178	18209	0.470	ng/ul	97
16) Anthracene	17.220	178	11438	0.322	ng/ul	95
19) Fluoranthene	19.126	202	21120	0.470	ng/ul	98
20) Pyrene	19.489	202	23770	0.510	ng/ul	96
21) Benzo(a)anthracene	21.260	228	12297	0.294	ng/ul	97
22) Chrysene	21.310	228	16056	0.393	ng/ul	99
24) Benzo(b)fluoranthene	22.859	252	14366	0.369	ng/ul	81
25) Benzo(k)fluoranthene	22.906	252	17058	0.418	ng/ul#	87
26) Benzo(a)pyrene	23.449	252	15403	0.419	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.877	276	19188	0.470	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.904	278	14766	0.452	ng/ul#	92
29) Benzo(g,h,i)perylene	26.581	276	16900	0.505	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028863.D
Acq On : 24 Nov 2023 18:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 25 01:03:02 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

