

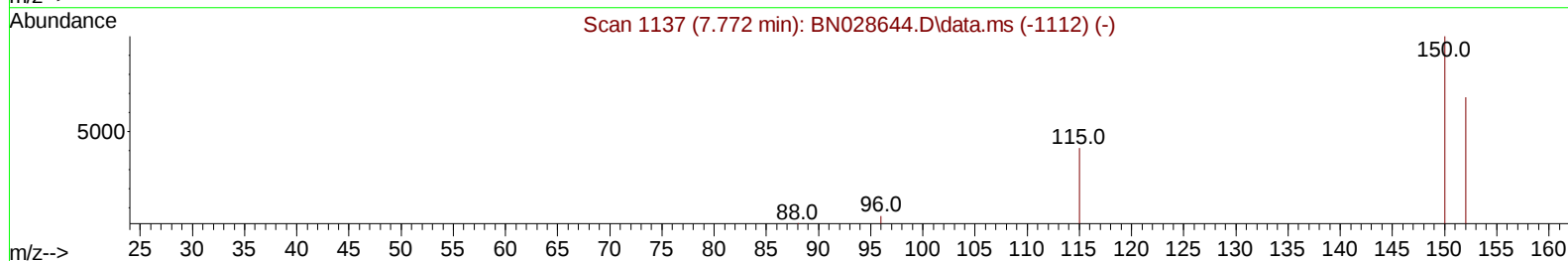
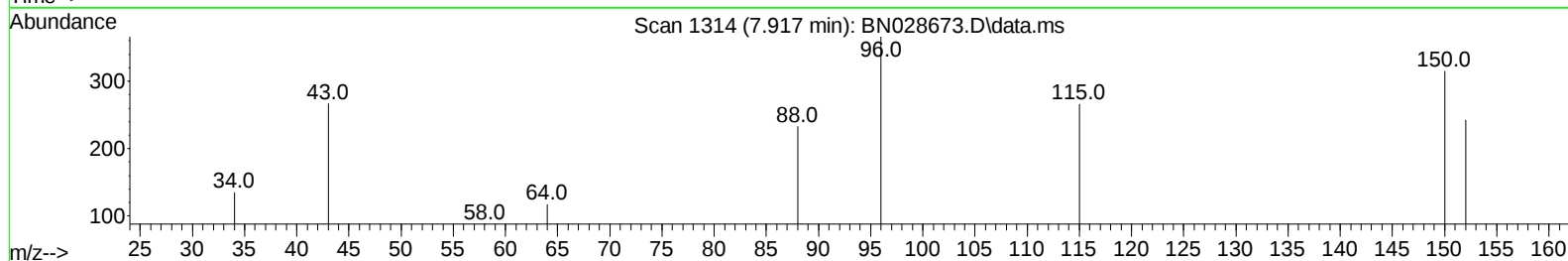
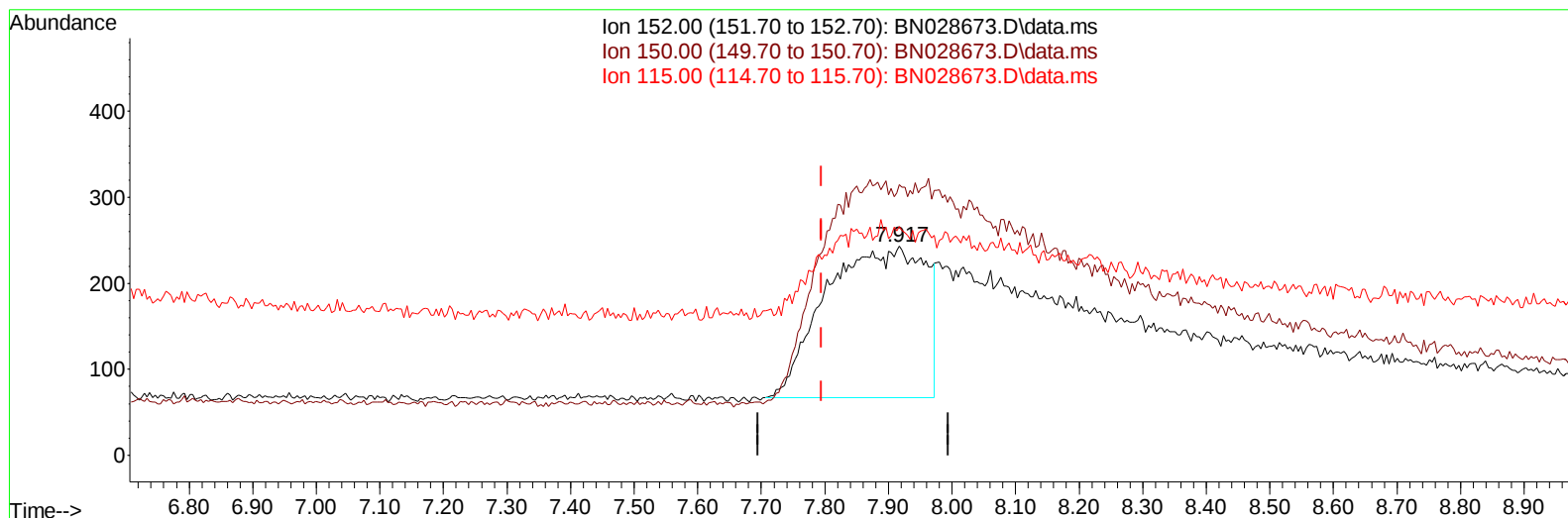
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
Acq On : 16 Nov 2023 20:35
Operator : MA/JU
Sample : PB157094BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS094

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:41:10 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 : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028673.D\data.ms

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

7.917min (+ 0.122) 0.40 ng/u1

response 1916

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.63
115.00	62.20	109.47#
0.00	0.00	0.00

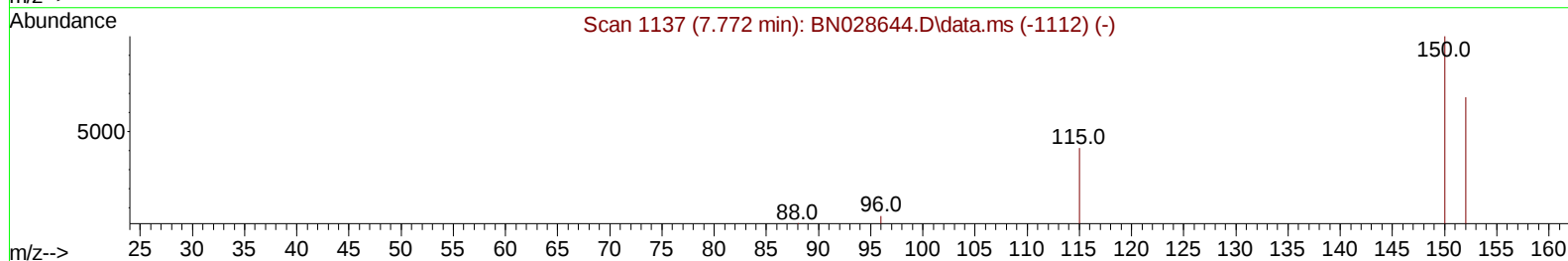
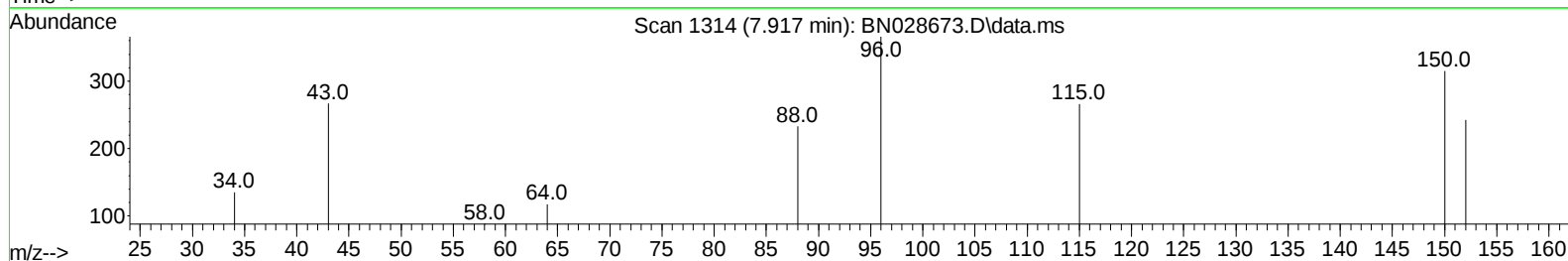
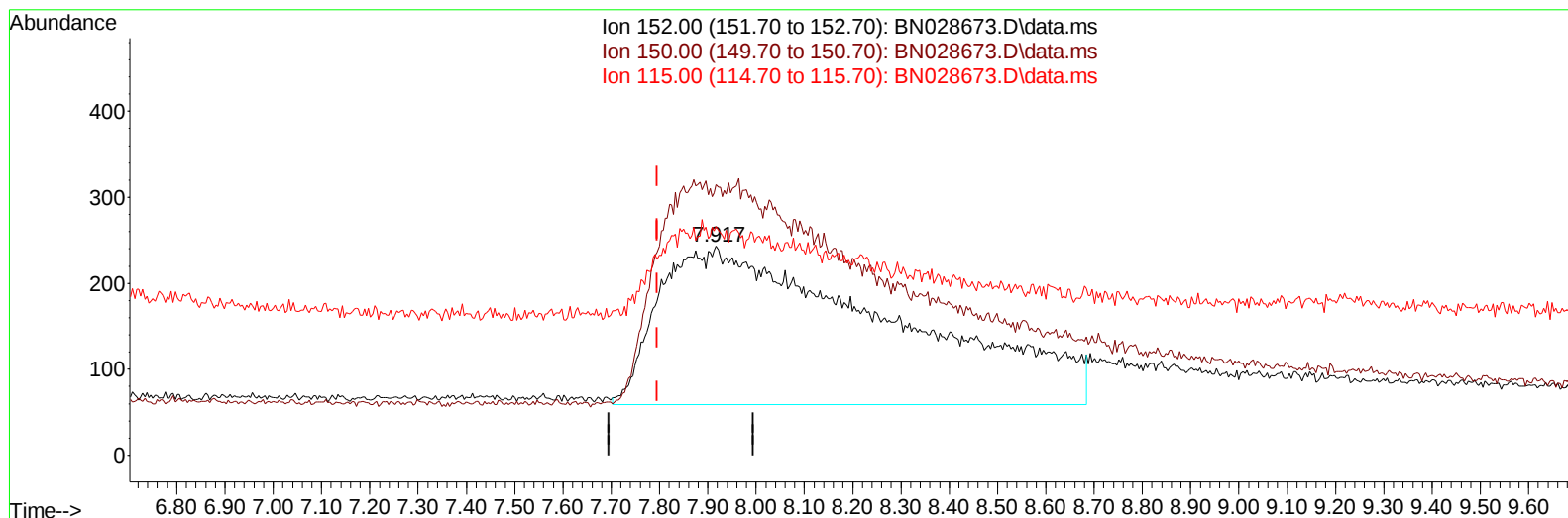
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028673.D\data.ms

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

7.917min (+ 0.122) 0.40 ng/ul m

response 6148

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.63
115.00	62.20	109.47#
0.00	0.00	0.00

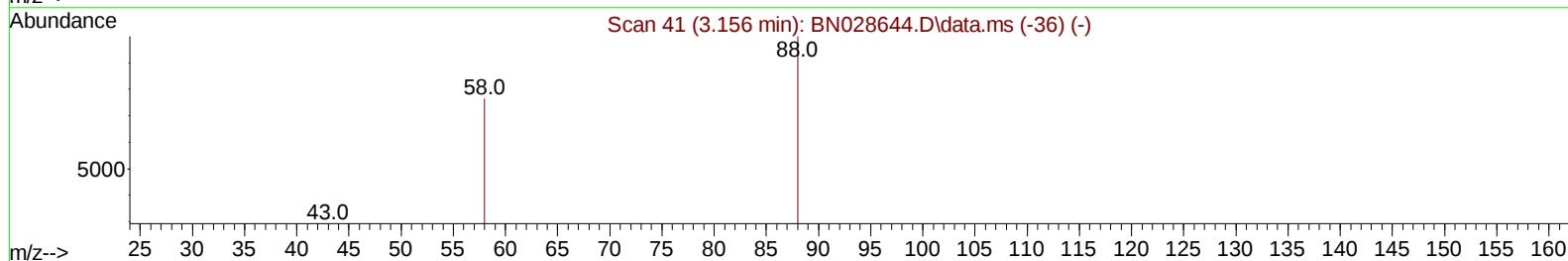
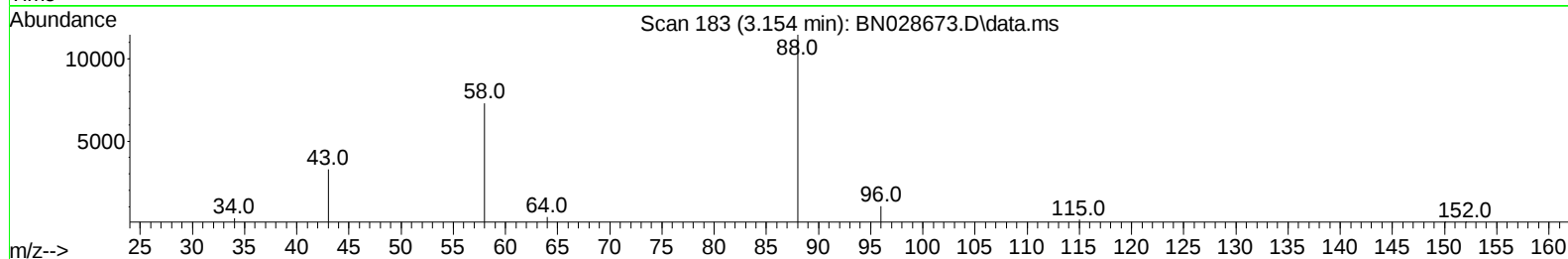
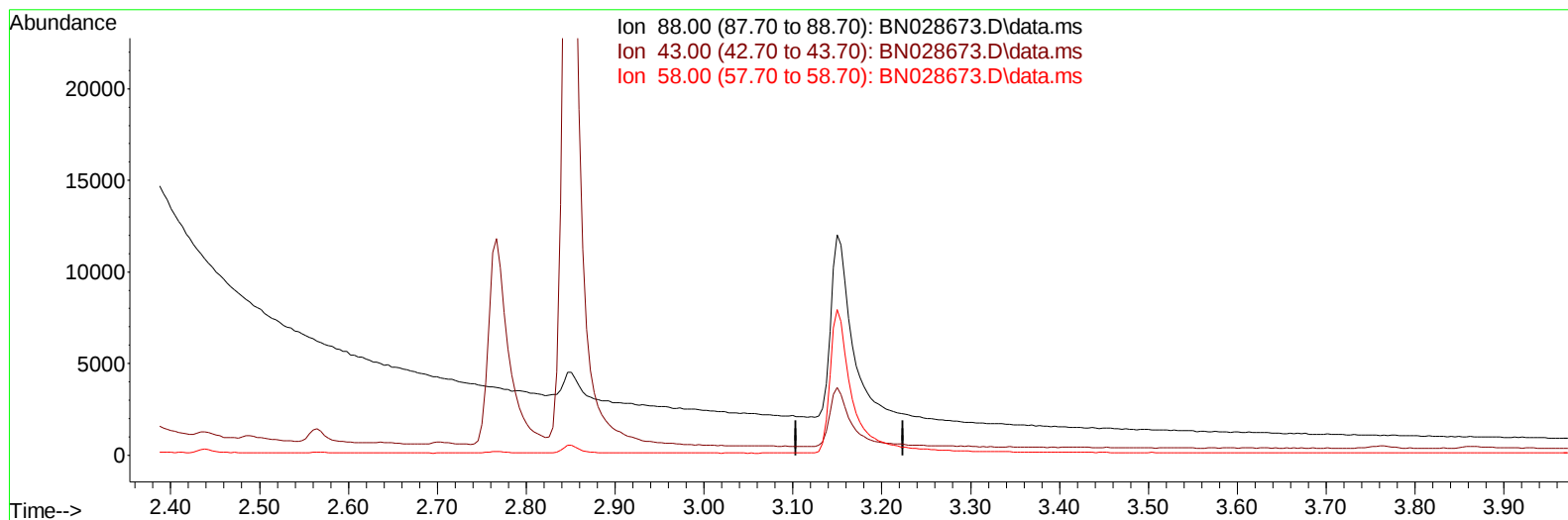
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
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Instrument :
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TIC: BN028673.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 0.00 ng/u1

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

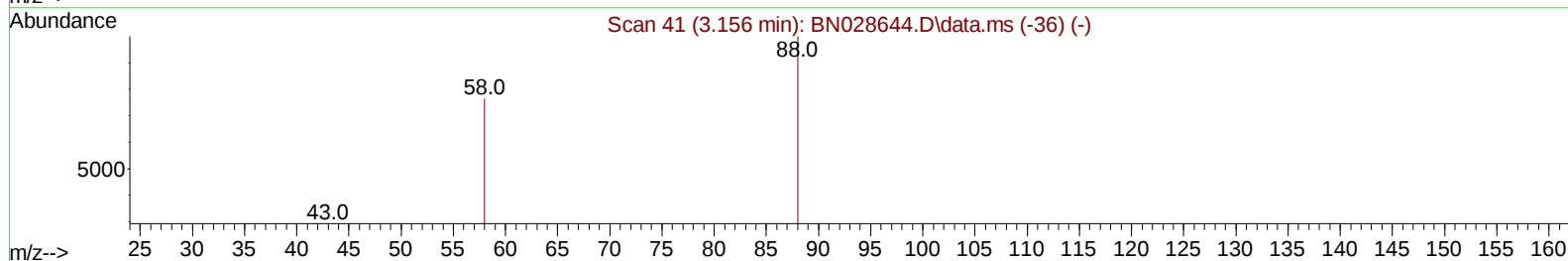
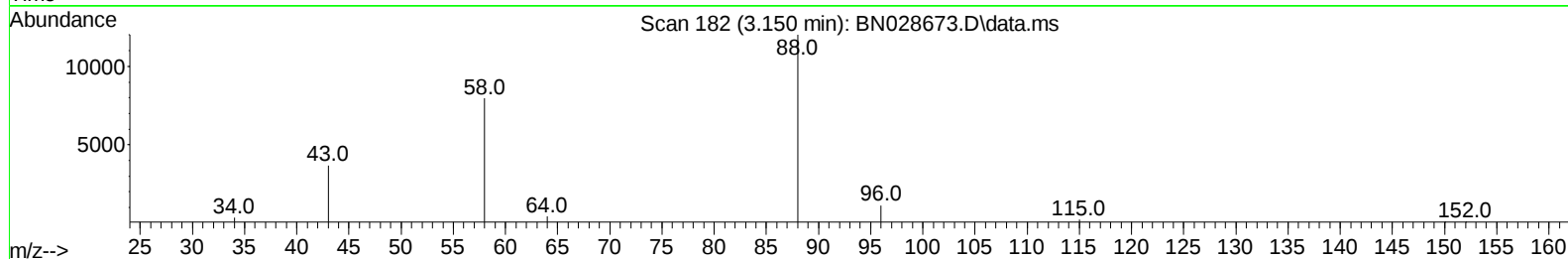
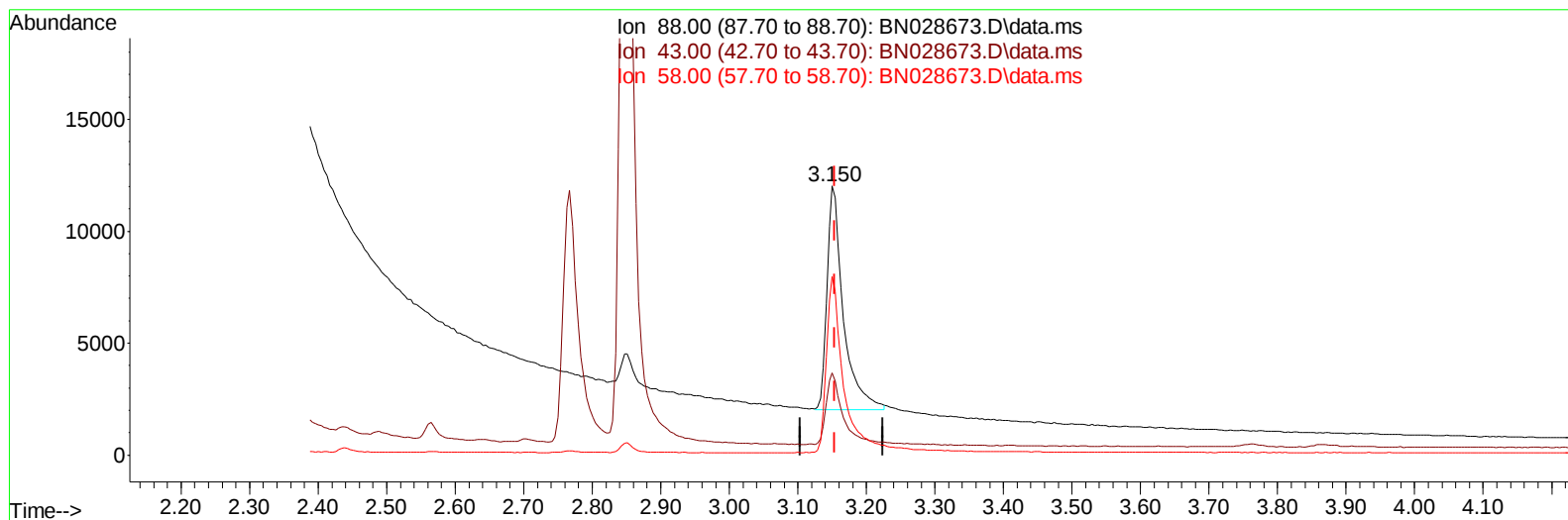
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
Acq On : 16 Nov 2023 20:35
Operator : MA/JU
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Instrument :
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TIC: BN028673.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.19 ng/ul m

response 16476

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	30.58#
58.00	52.30	66.26#
0.00	0.00	0.00

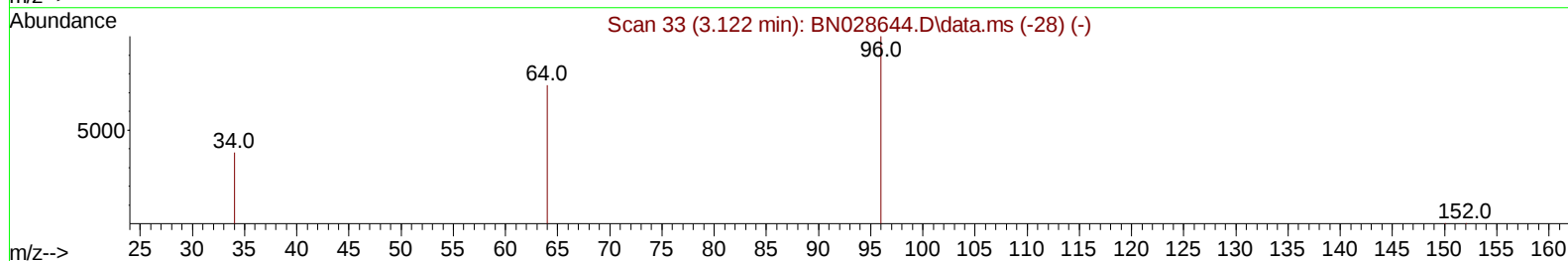
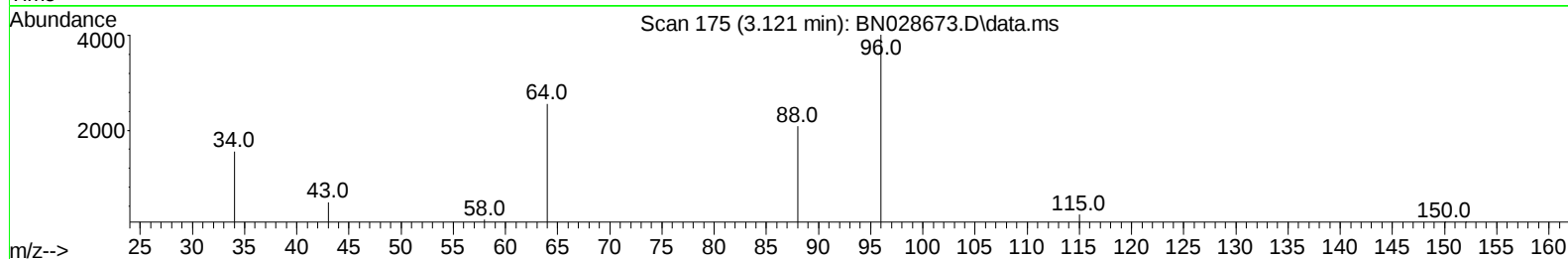
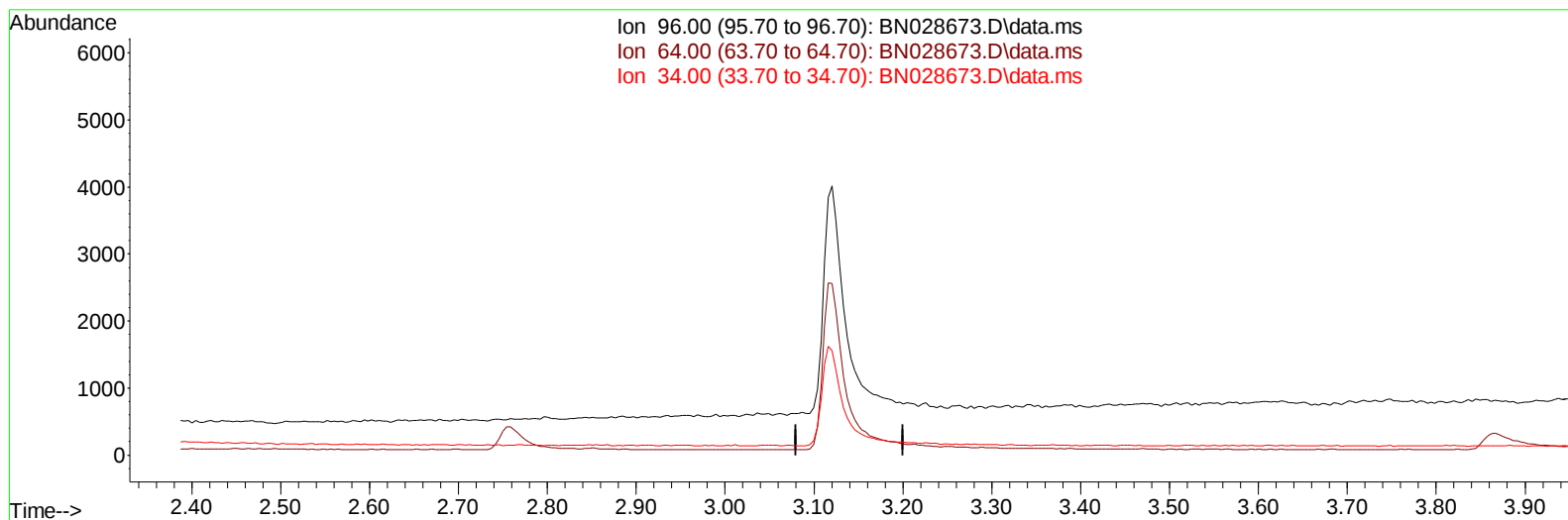
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
Acq On : 16 Nov 2023 20:35
Operator : MA/JU
Sample : PB157094BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028673.D\data.ms

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

3.120min (-3.120) 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

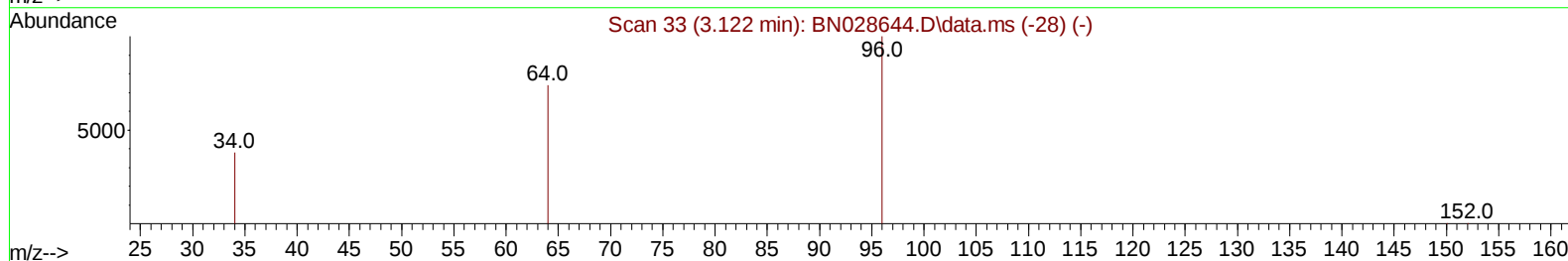
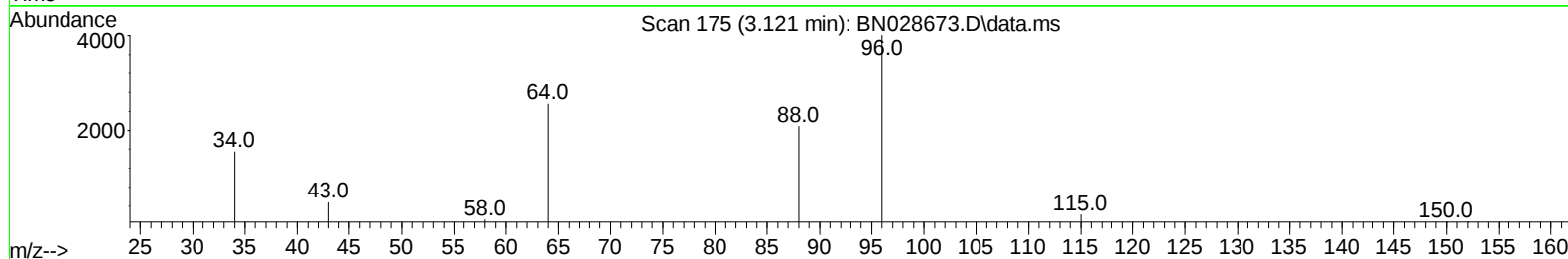
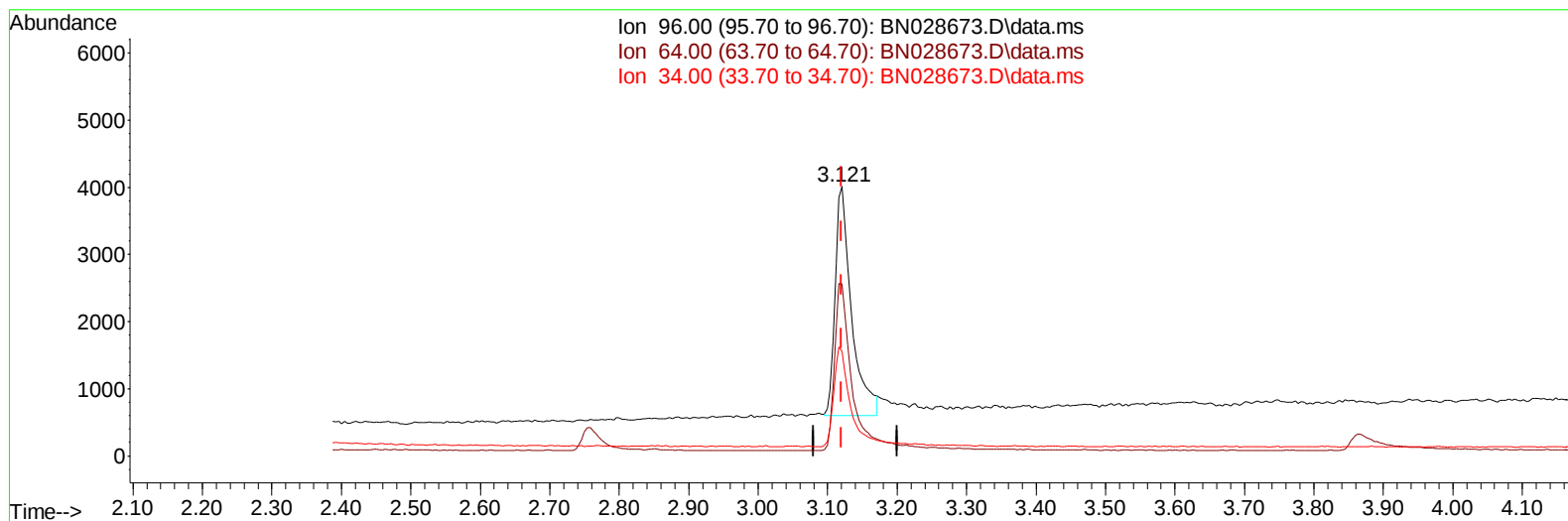
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
Acq On : 16 Nov 2023 20:35
Operator : MA/JU
Sample : PB157094BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028673.D\data.ms

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

3.121min (+ 0.000) 0.82 ng/ul m

response 5583

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	63.81
34.00	38.60	38.73
0.00	0.00	0.00

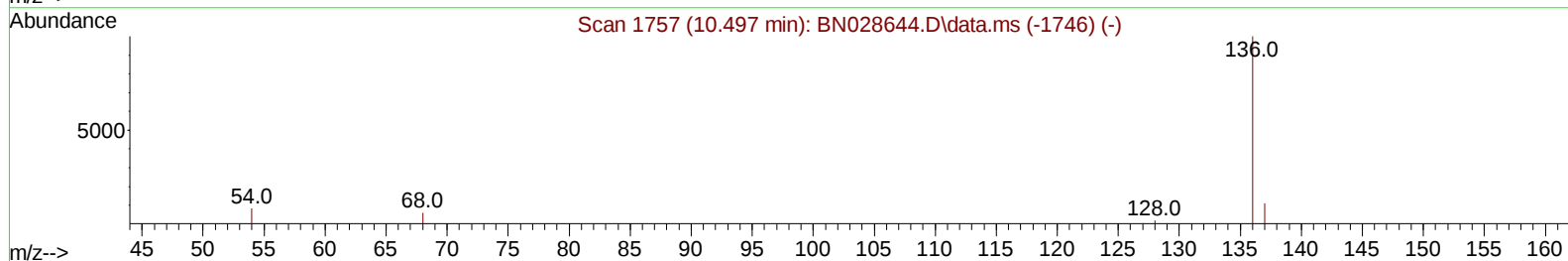
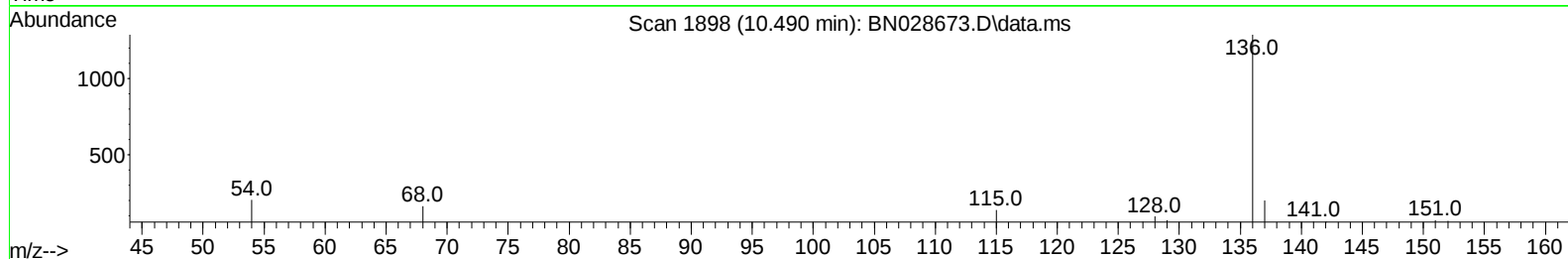
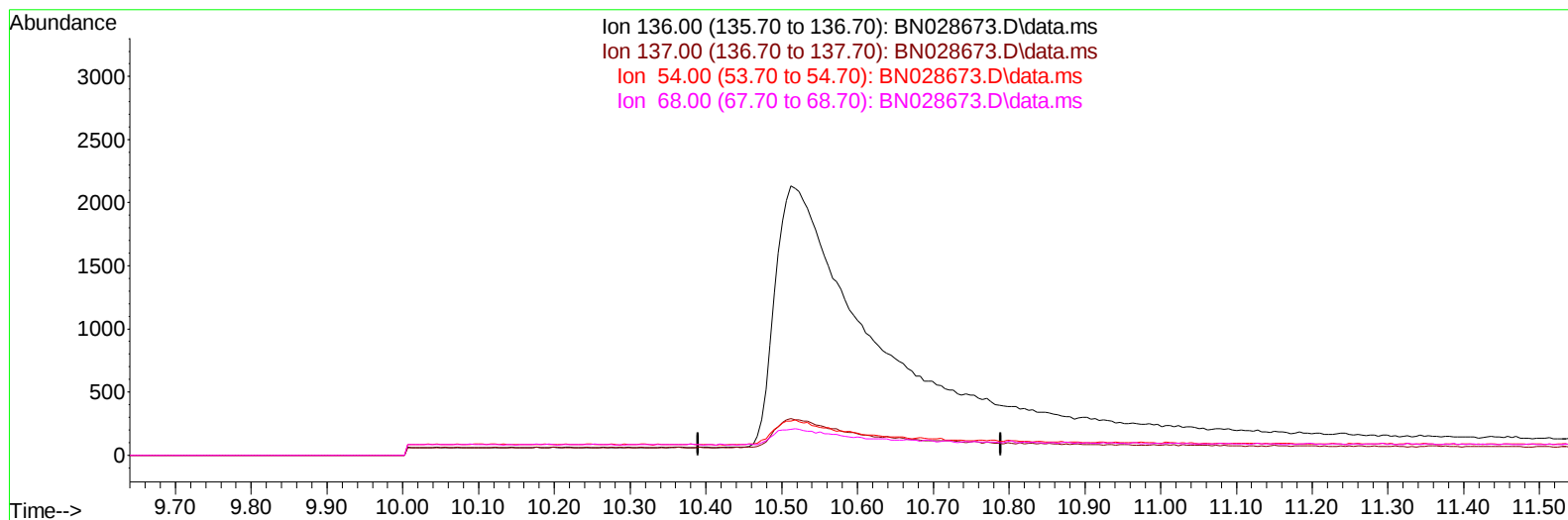
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 ALS Vial : 40 Sample Multiplier: 1

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TIC: BN028673.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 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#

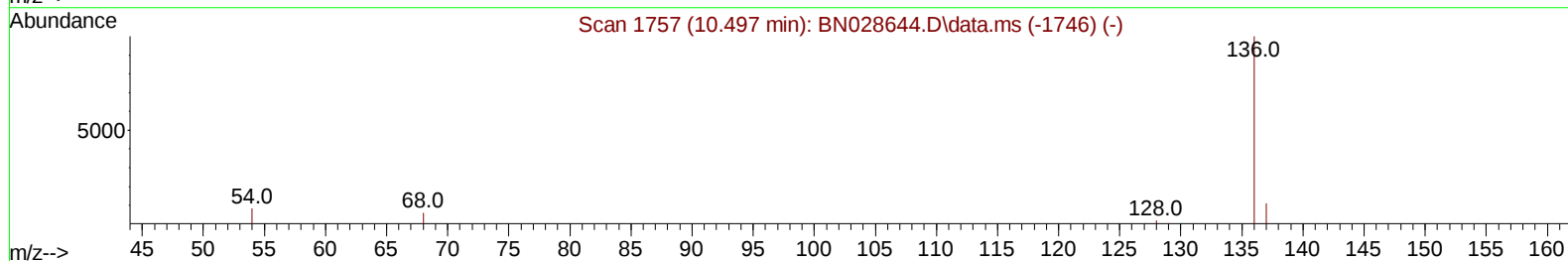
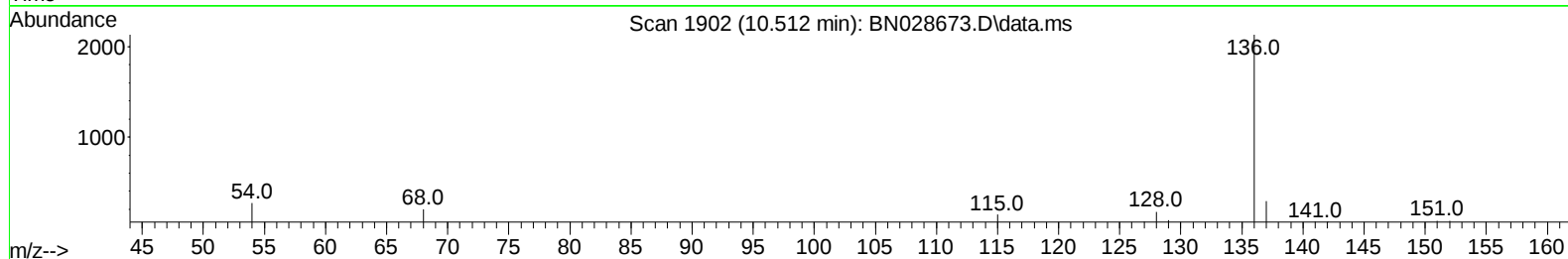
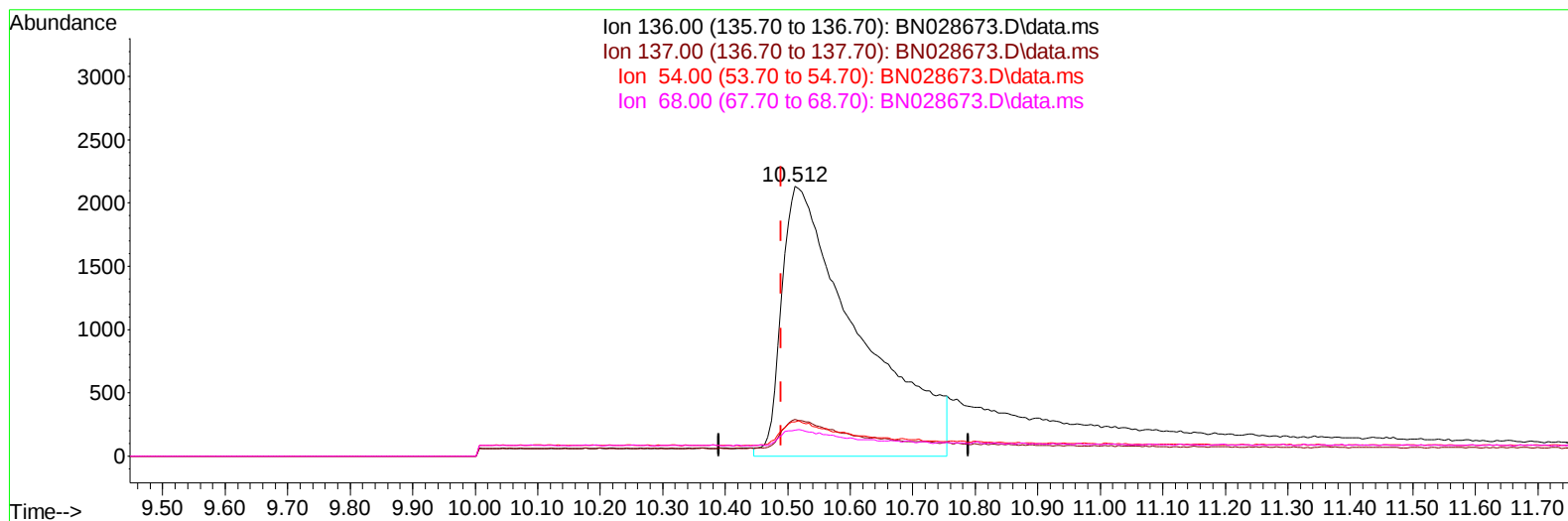
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028673.D
 Acq On : 16 Nov 2023 20:35
 Operator : MA/JU
 Sample : PB157094BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS094

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:41:10 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028673.D\data.ms

(4) Naphthalene-d8 (I)

10.512min (+ 0.022) 0.40 ng/ul m

response 18130

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.61#
54.00	9.00	12.62#
68.00	7.10	9.48#

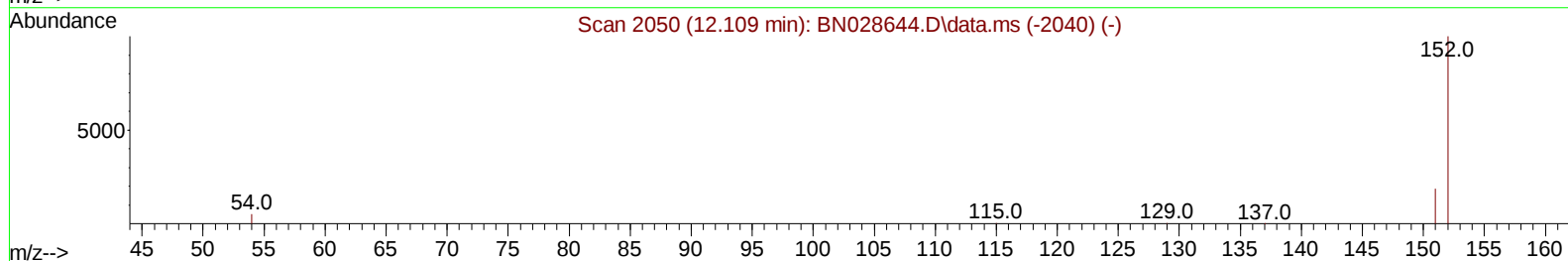
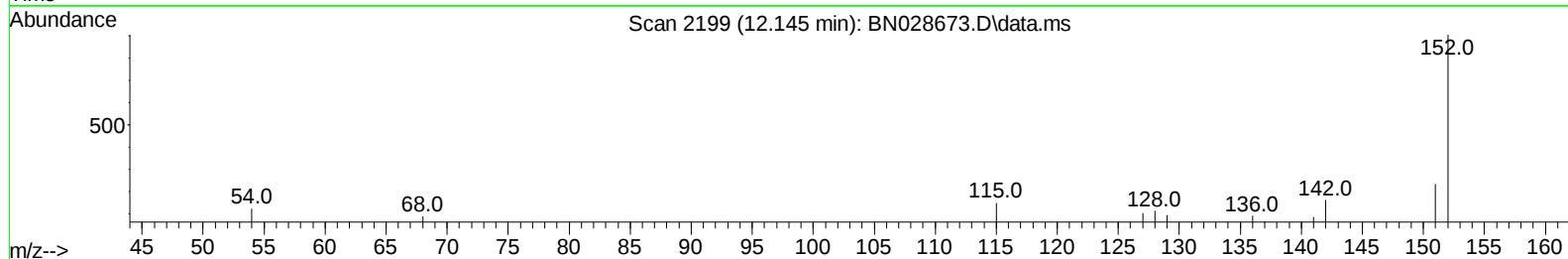
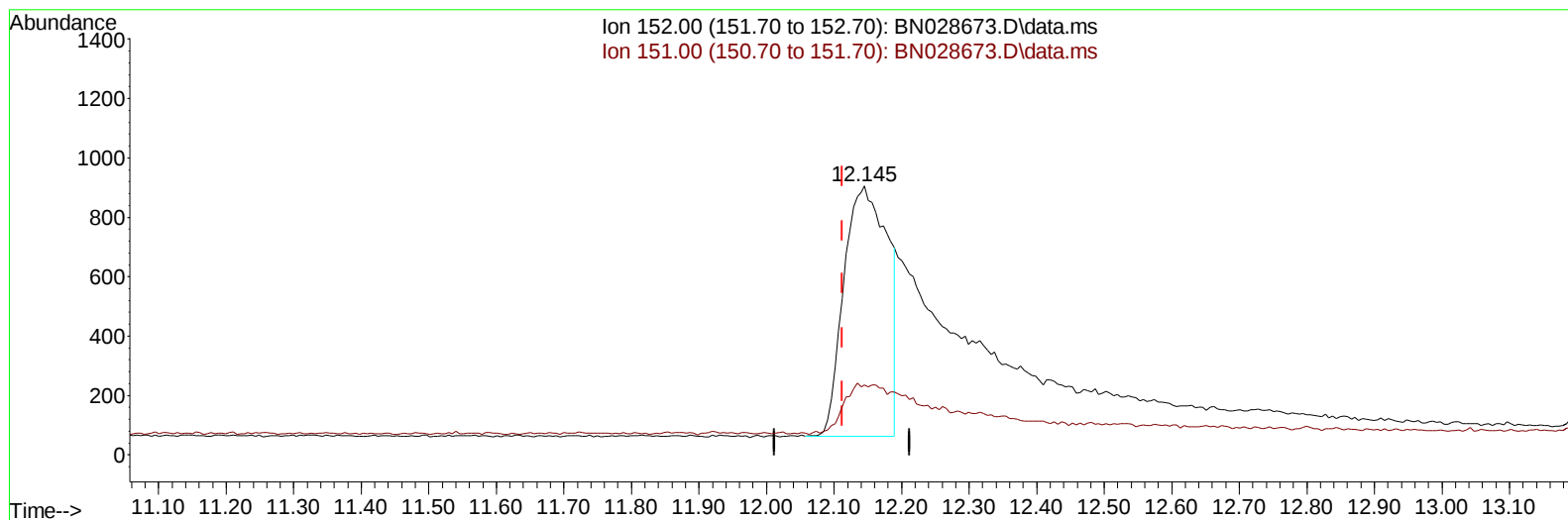
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028673.D
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Sample : PB157094BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS094

Manual IntegrationsAPPROVED

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TIC: BN028673.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (+ 0.033) 0.14 ng/u1

response 3812

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

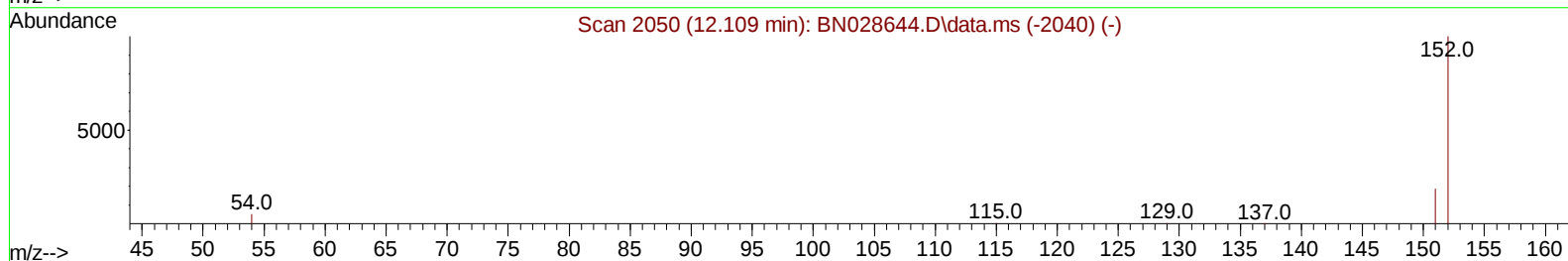
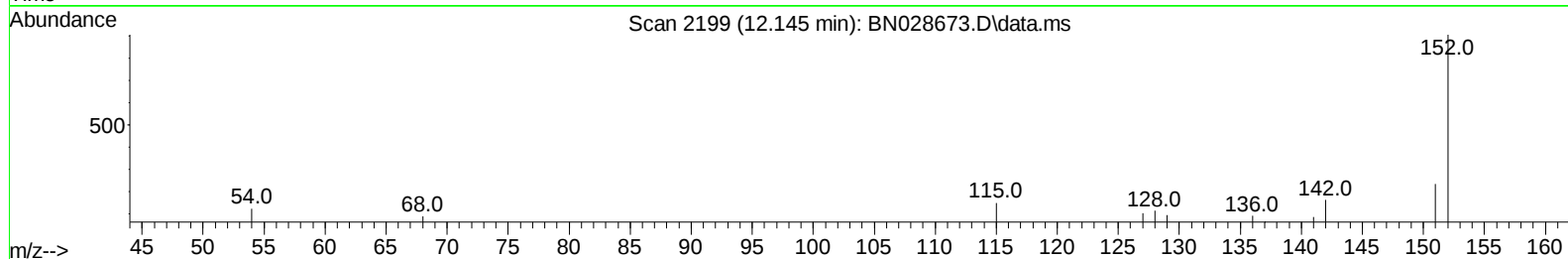
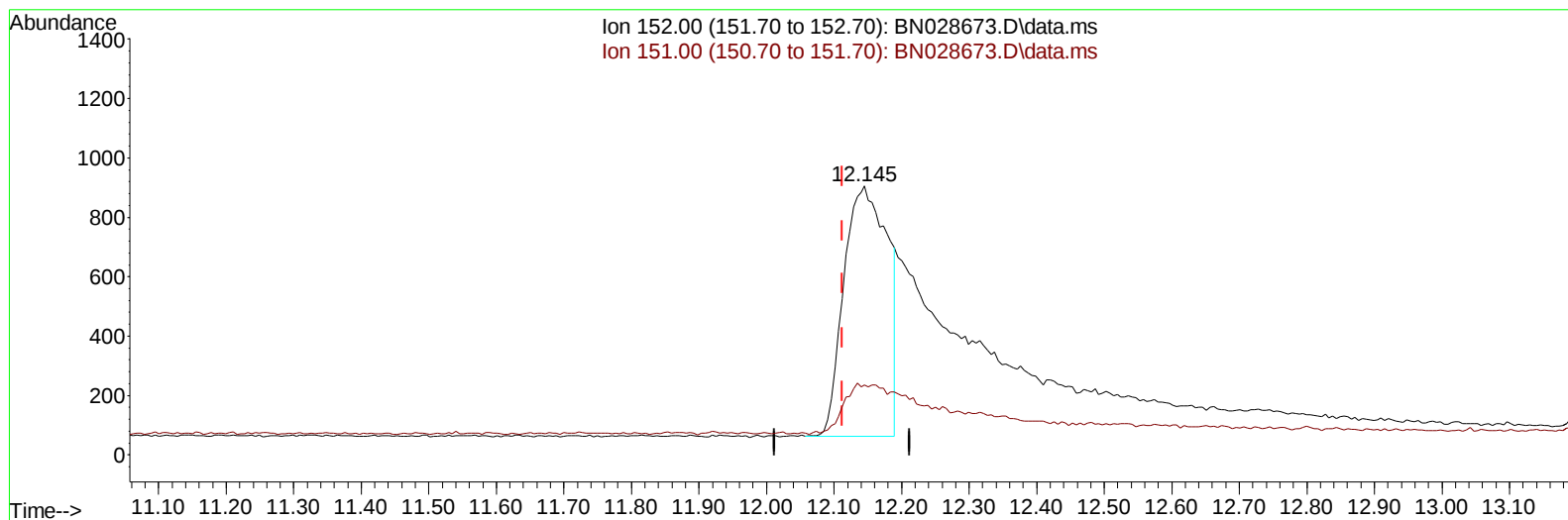
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TIC: BN028673.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (+ 0.033) 0.14 ng/u1

response 3812

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

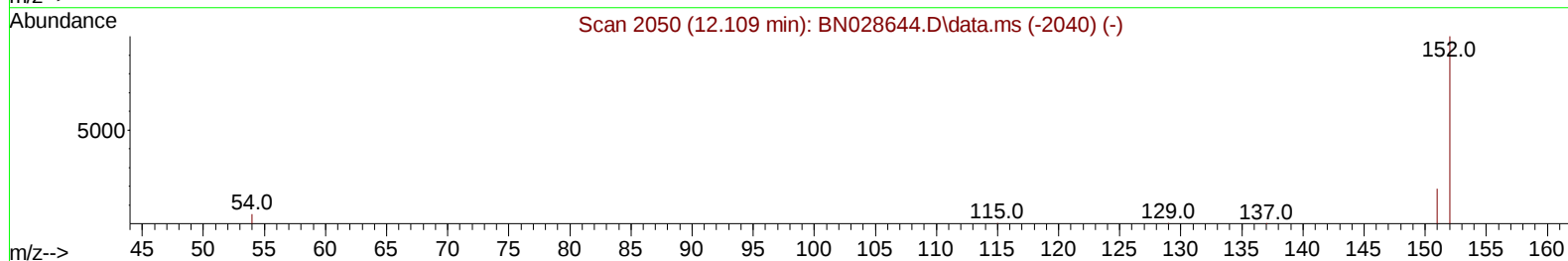
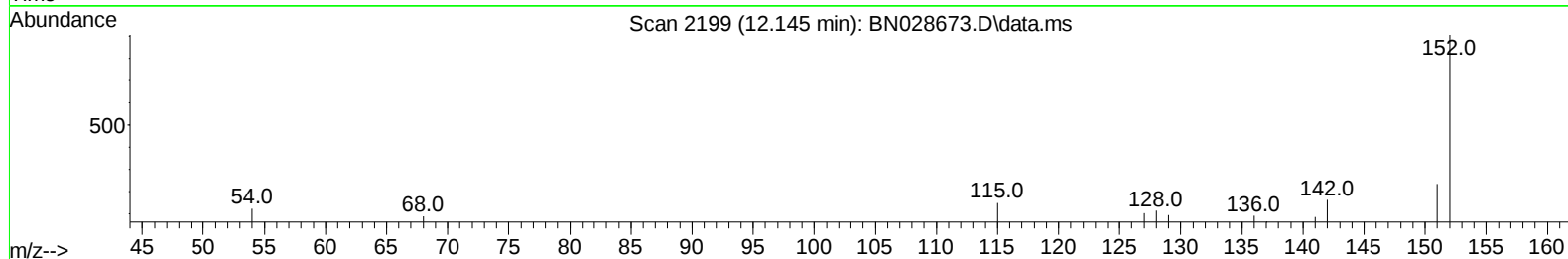
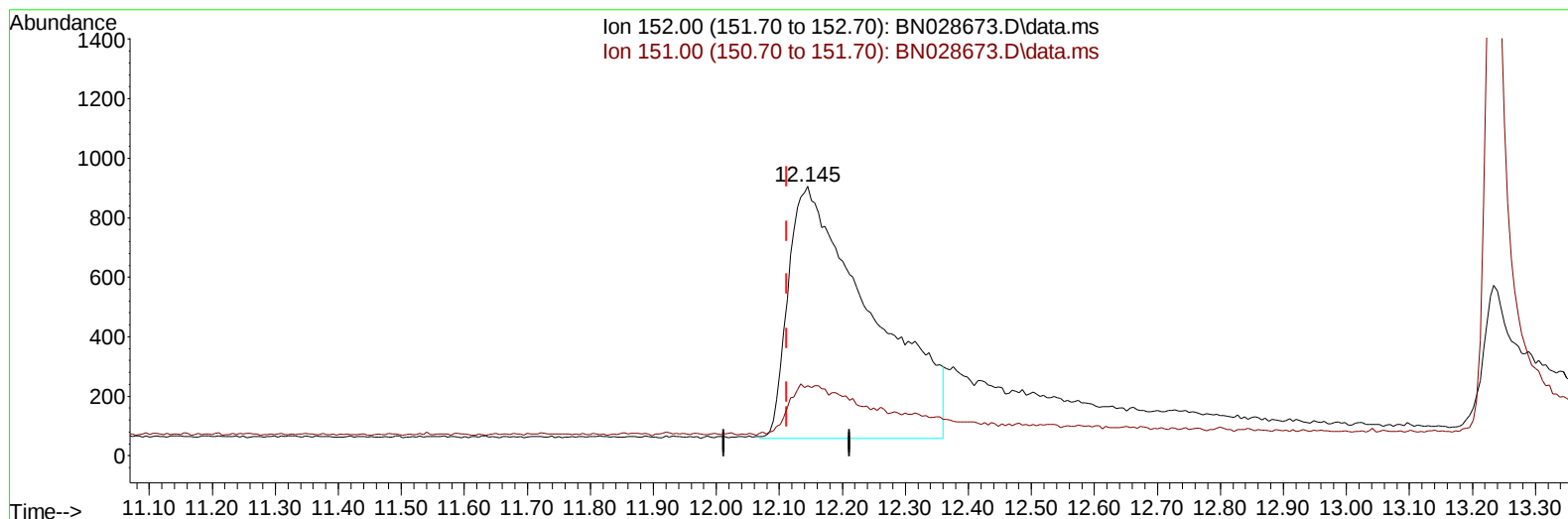
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN028673.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (+ 0.033) 0.28 ng/ul m

response 7739

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	10.14#
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	7.917	152	6148m	0.400	ng/ul	0.12
4) Naphthalene-d8	10.512	136	18130m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164	13249	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	18863	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	18778	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	17478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.121	96	5583m	0.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	7739m	0.284	ng/ul	0.03
18) Fluoranthene-d10	19.122	212	22623	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	16476m	2.194	ng/ul	
5) Naphthalene	10.561	128	12904	0.254	ng/ul#	94
7) 2-Methylnaphthalene	12.206	142	3832	0.114	ng/ul	92
8) 1-Methylnaphthalene	12.376	142	8992	0.265	ng/ul	99
10) Acenaphthylene	14.057	152	19652	0.297	ng/ul	98
11) Acenaphthene	14.390	153	16701	0.343	ng/ul	99
12) Fluorene	15.403	166	13396	0.237	ng/ul	97
14) Pentachlorophenol	16.756	266	2529	0.559	ng/ul	100
15) Phenanthrene	17.136	178	21719	0.375	ng/ul	97
16) Anthracene	17.267	178	9312	0.175	ng/ul	95
19) Fluoranthene	19.155	202	28580	0.358	ng/ul	99
20) Pyrene	19.517	202	34192	0.413	ng/ul	97
21) Benzo(a)anthracene	21.287	228	16138	0.217	ng/ul	98
22) Chrysene	21.336	228	23607	0.325	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	20906	0.319	ng/ul	88
25) Benzo(k)fluoranthene	22.938	252	25997	0.378	ng/ul#	90
26) Benzo(a)pyrene	23.490	252	21673	0.350	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.931	276	24333	0.354	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.971	278	17745	0.323	ng/ul#	91
29) Benzo(g,h,i)perylene	26.638	276	22654	0.402	ng/ul	96

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

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Instrument :
BNA_N
ClientSampleId :
SLCS094

Manual IntegrationsAPPROVED

Quant Time: Nov 16 22:41:10 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 : Thu Nov 16 22:38:14 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

