

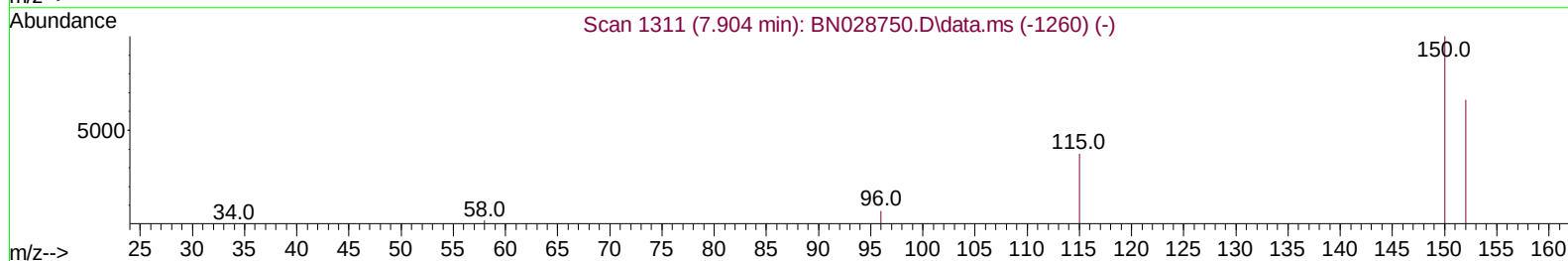
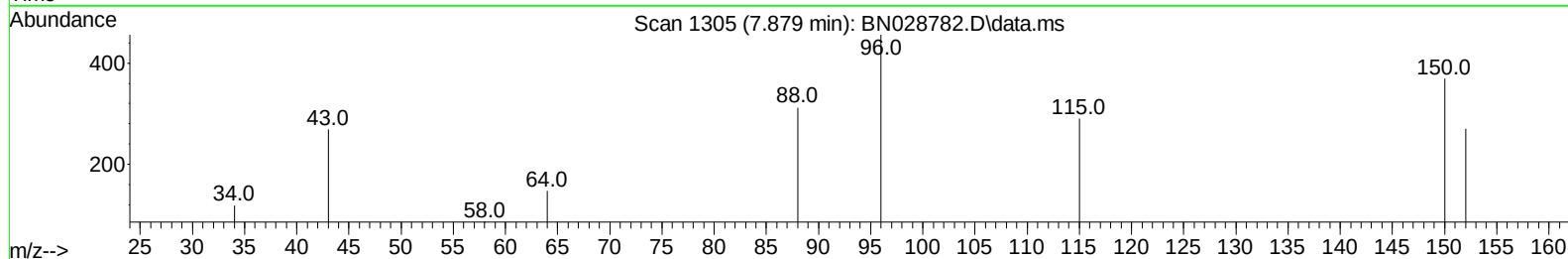
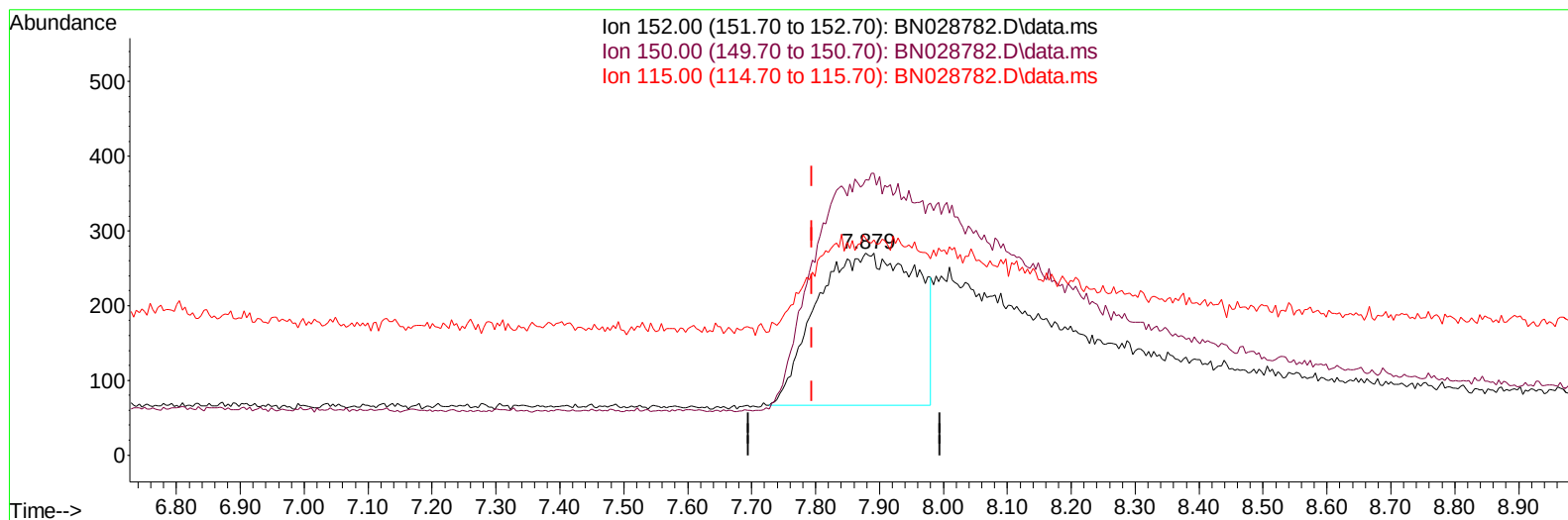
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028782.D
Acq On : 19 Nov 2023 18:14
Operator : MA/JU
Sample : PB157222BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS222

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:38:44 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 : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration

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



TIC: BN028782.D\data.ms

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

7.879min (+ 0.084) 0.40 ng/u1

response 2230

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.67
115.00	62.20	107.41#
0.00	0.00	0.00

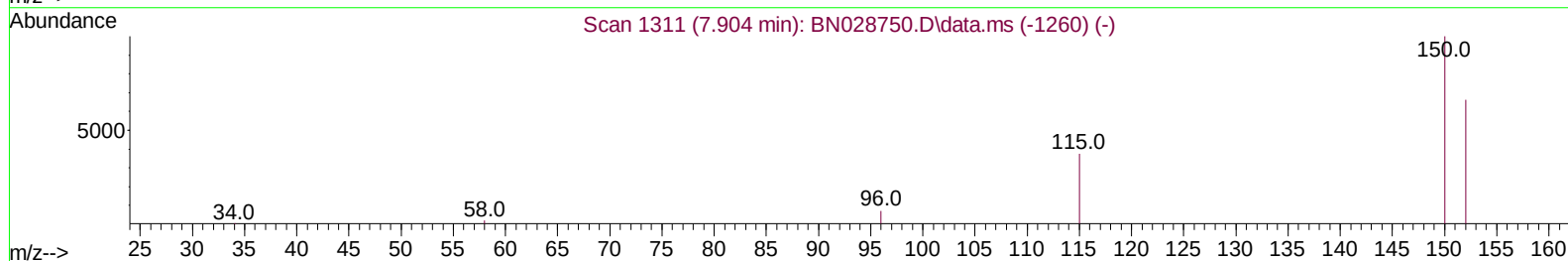
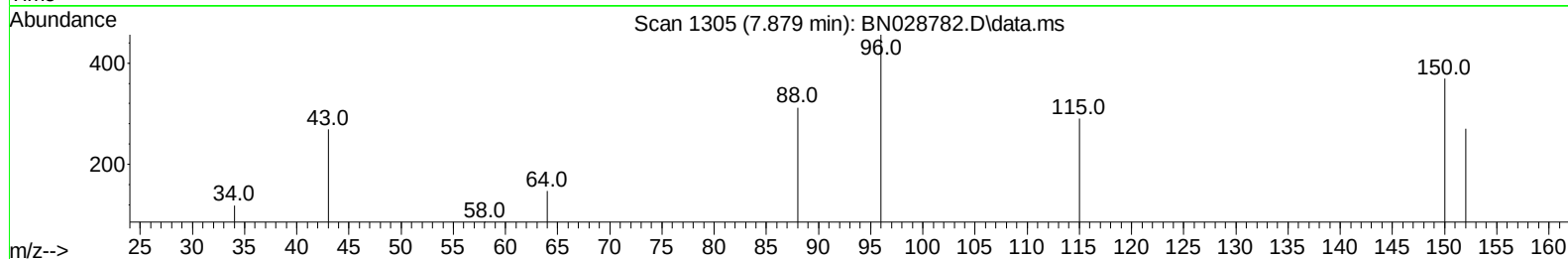
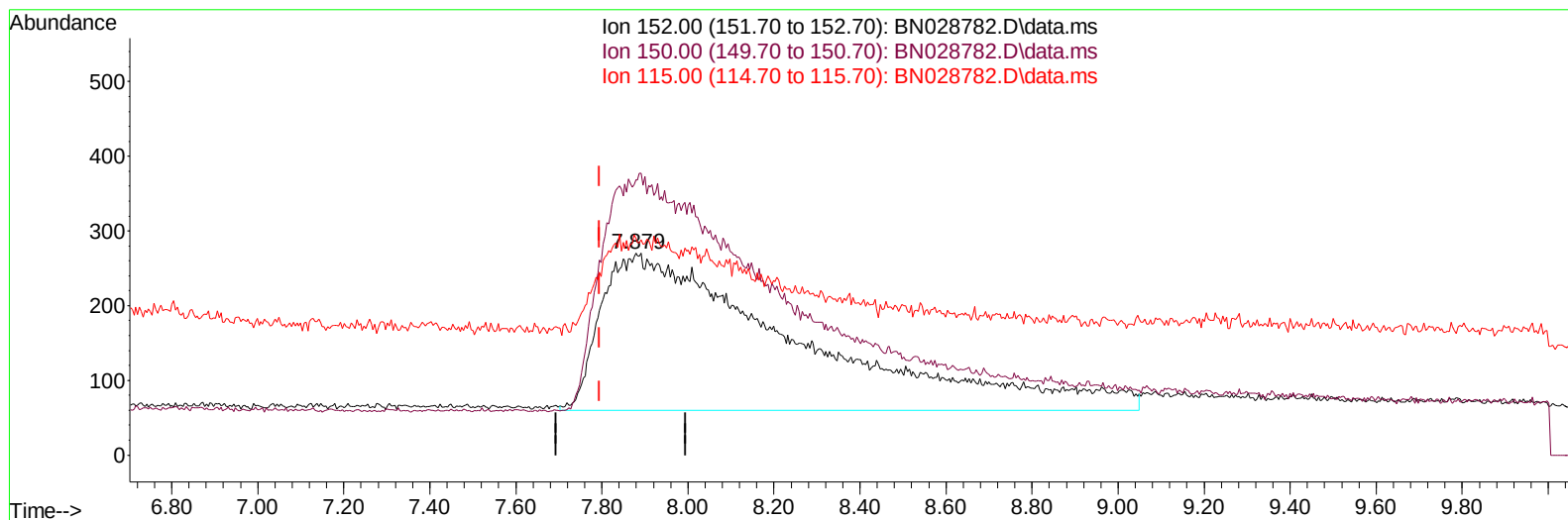
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028782.D
Acq On : 19 Nov 2023 18:14
Operator : MA/JU
Sample : PB157222BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028782.D\data.ms

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

7.879min (+ 0.084) 0.40 ng/ul m

response 6676

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	136.67
115.00	62.20	107.41#
0.00	0.00	0.00

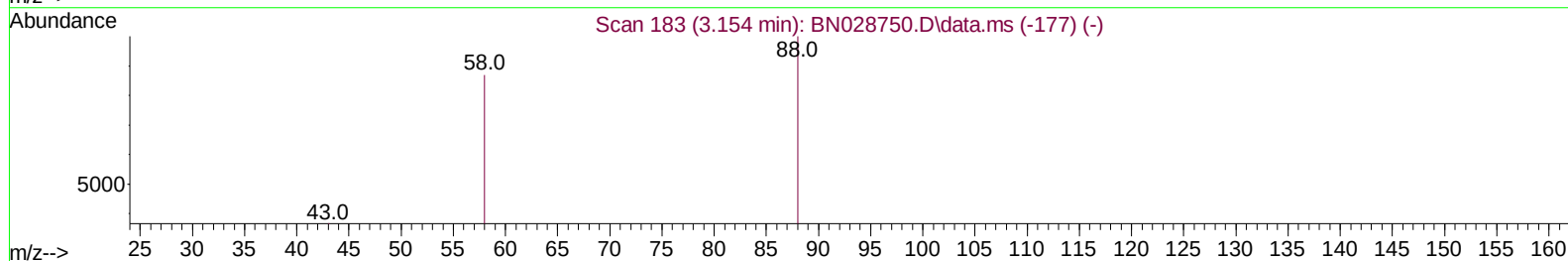
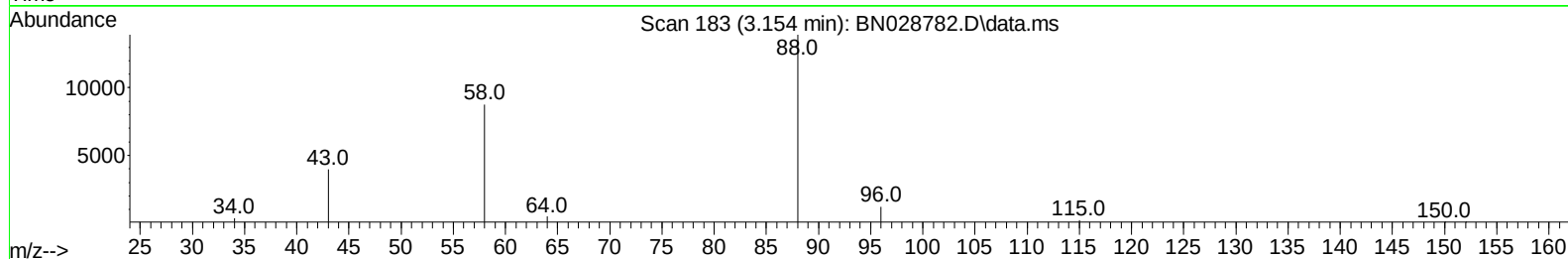
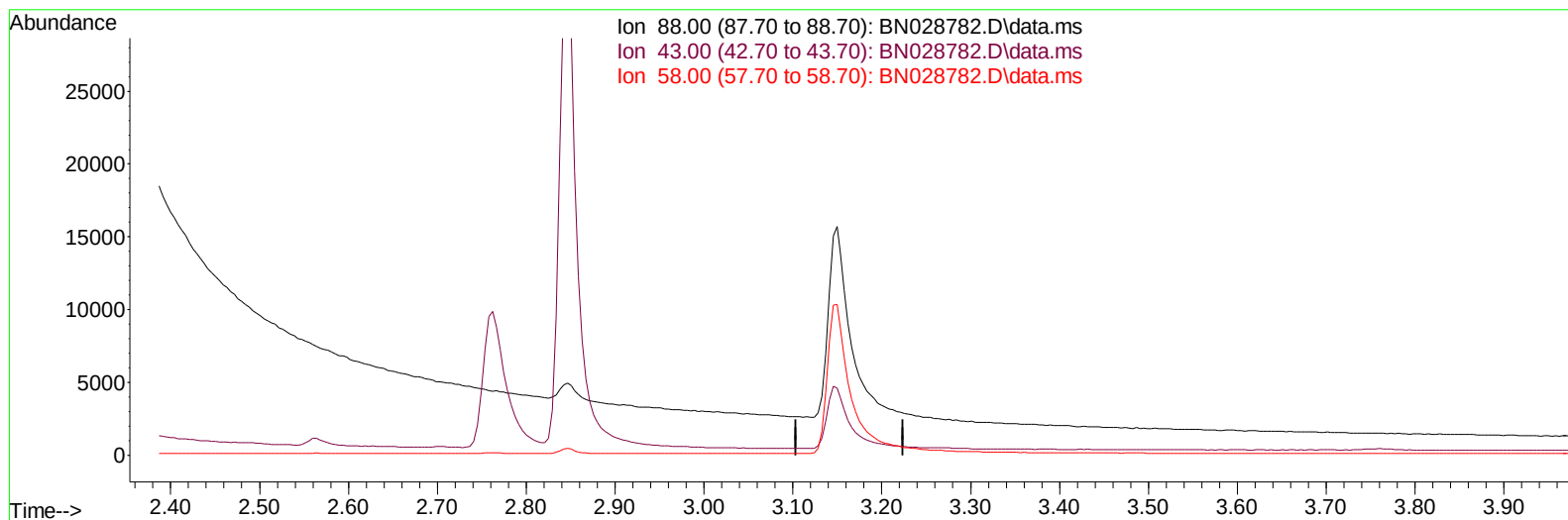
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Acq On : 19 Nov 2023 18:14
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 Sample : PB157222BS
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Instrument :
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TIC: BN028782.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 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

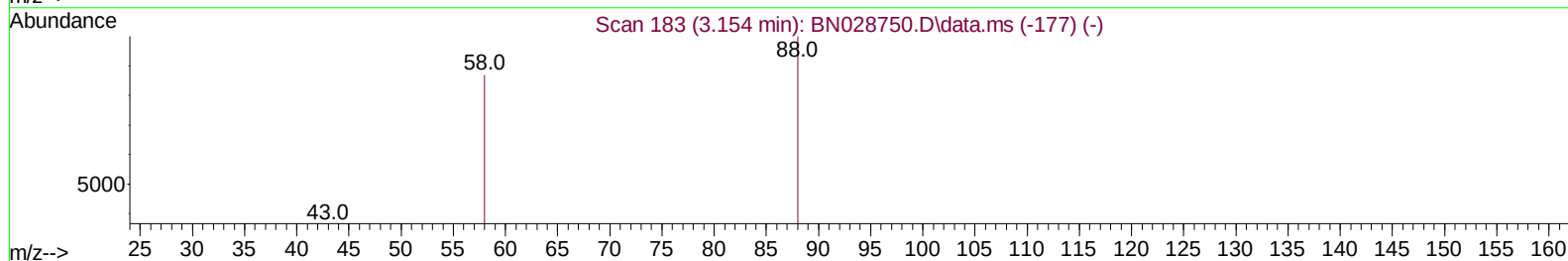
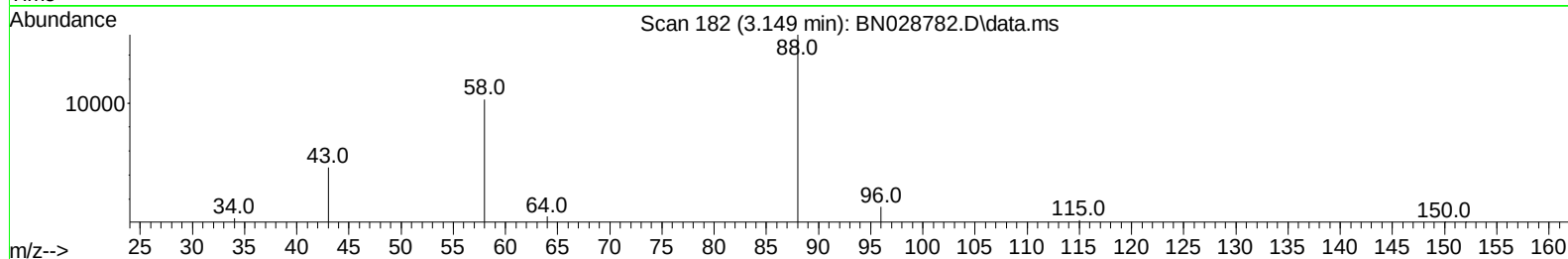
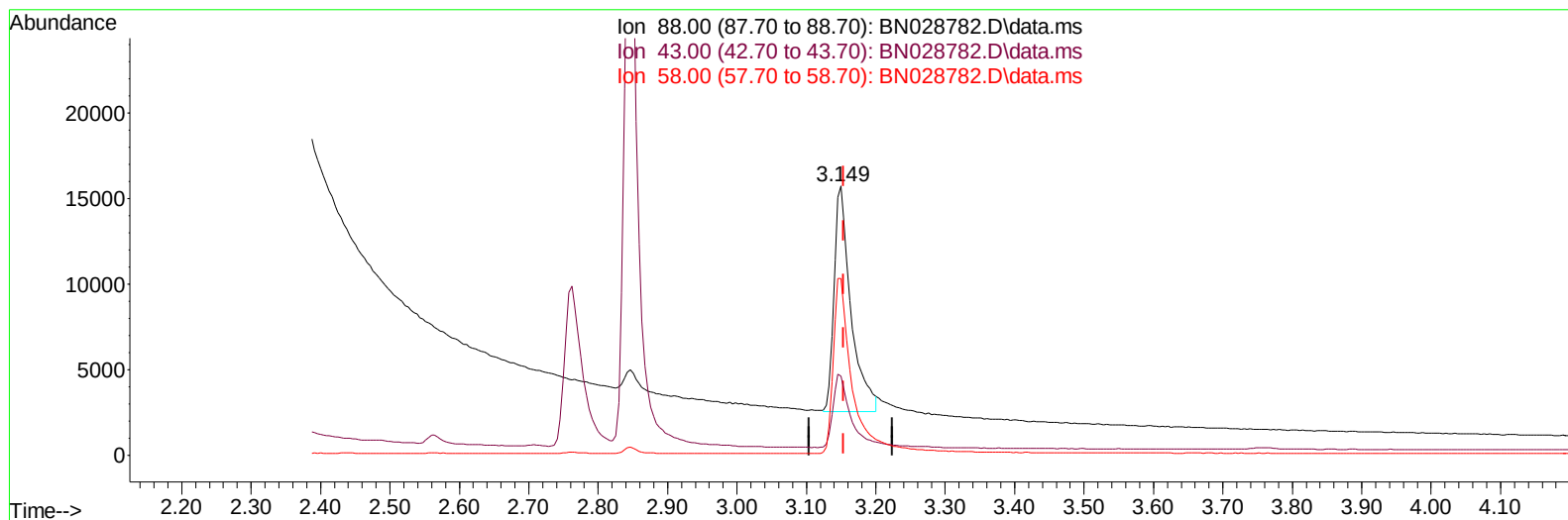
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN028782.D\data.ms

(2) 1,4-Dioxane

3.149min (-0.005) 2.72 ng/ul m

response 22172

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	29.30#
58.00	52.30	65.74#
0.00	0.00	0.00

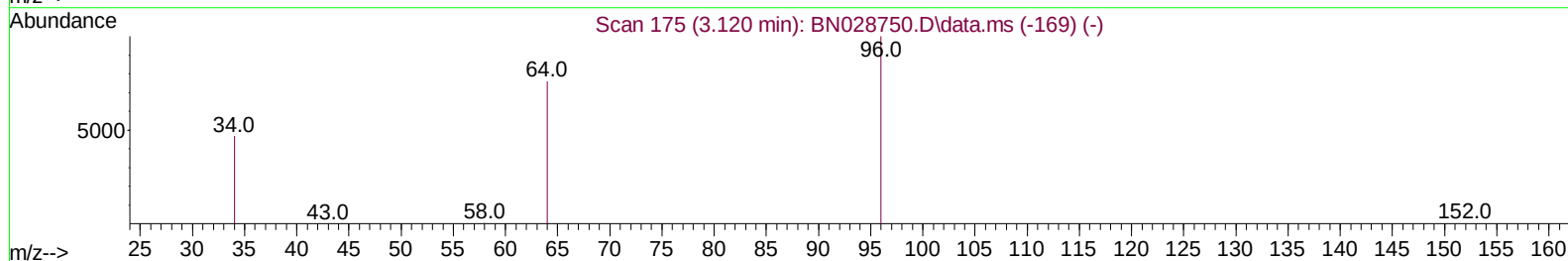
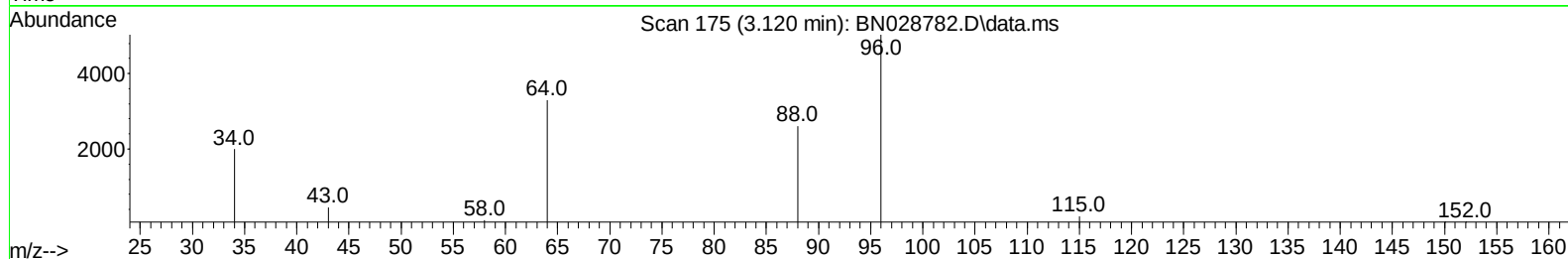
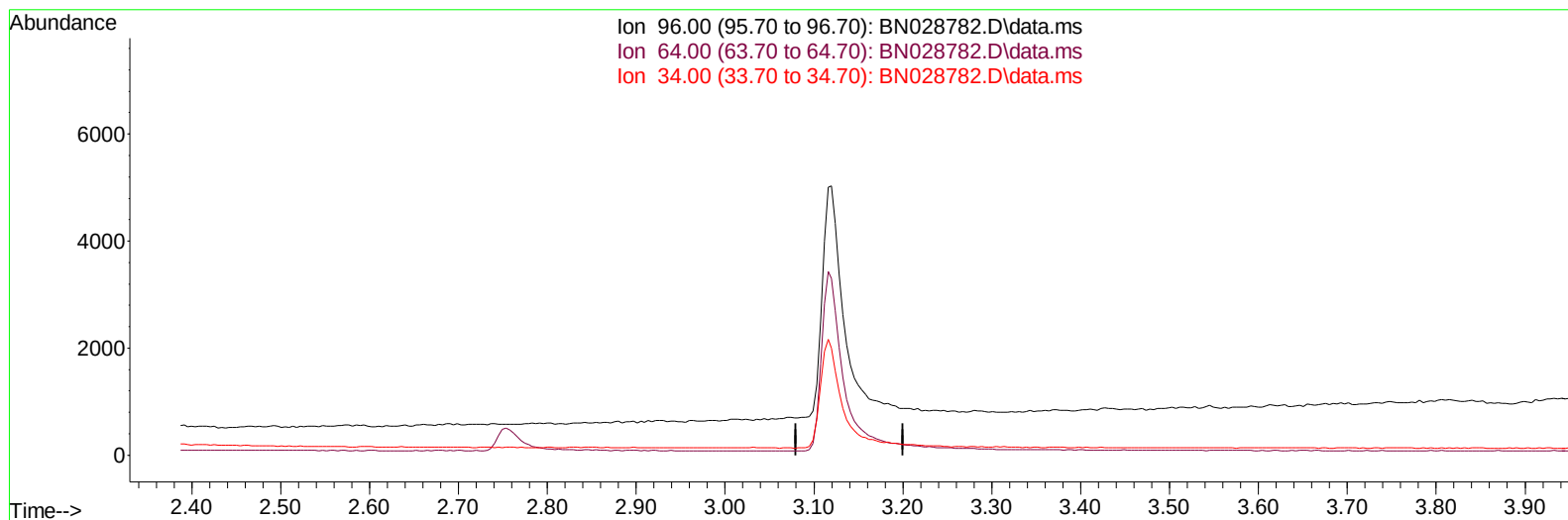
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS222

Manual IntegrationsAPPROVED

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TIC: BN028782.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

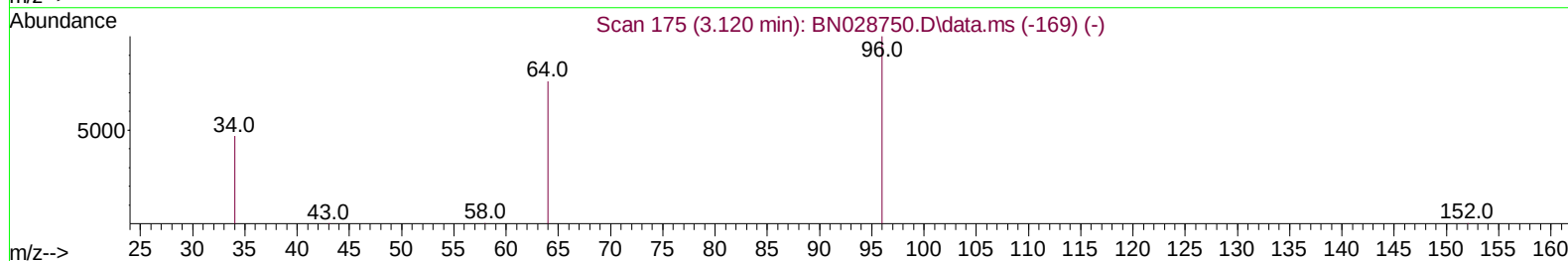
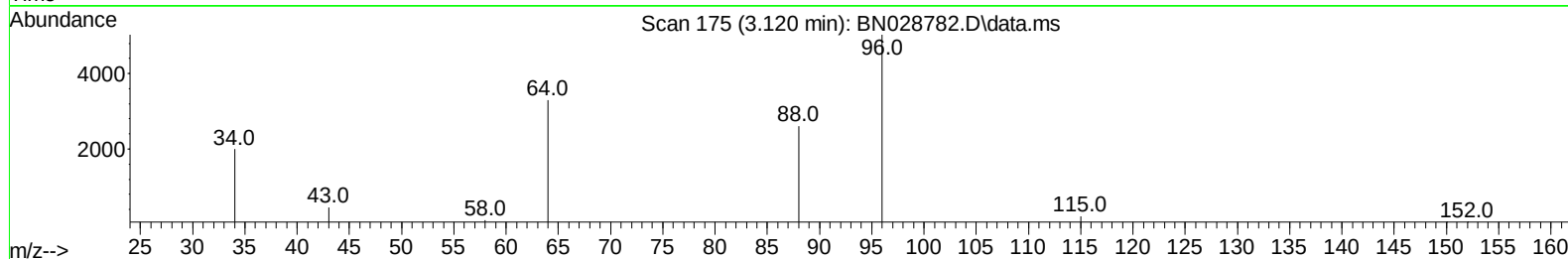
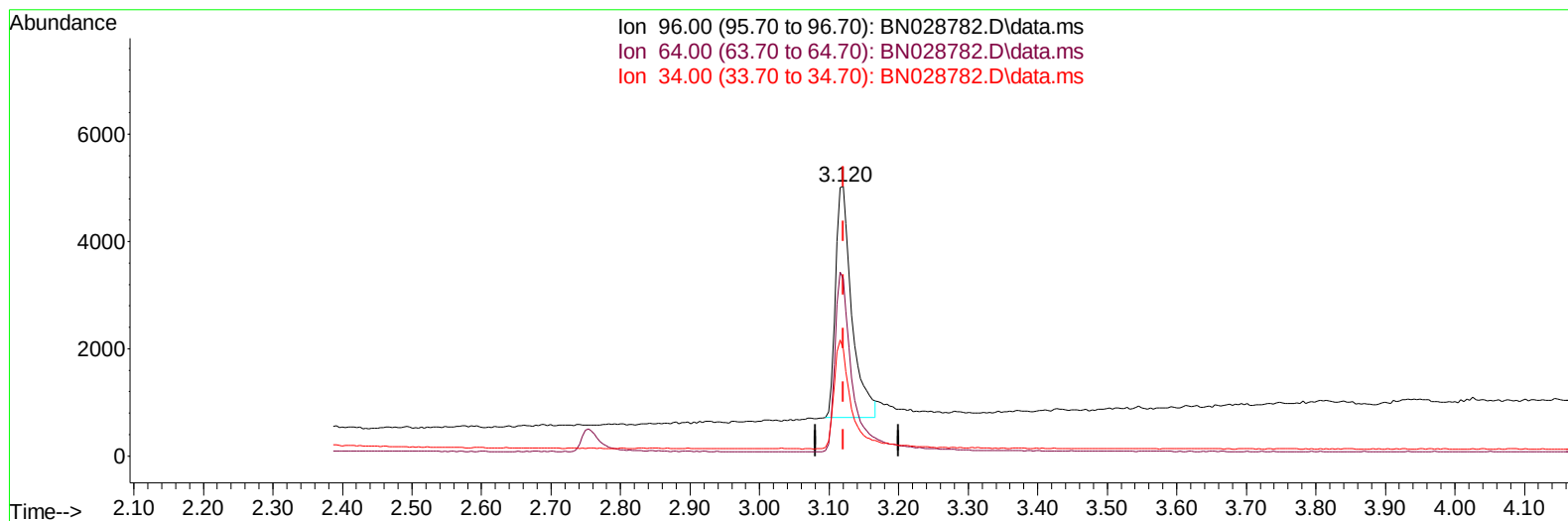
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 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS222

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:38:44 2023
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TIC: BN028782.D\data.ms

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

3.120min (-0.000) 0.95 ng/ul m

response 7029

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	65.61
34.00	38.60	39.67
0.00	0.00	0.00

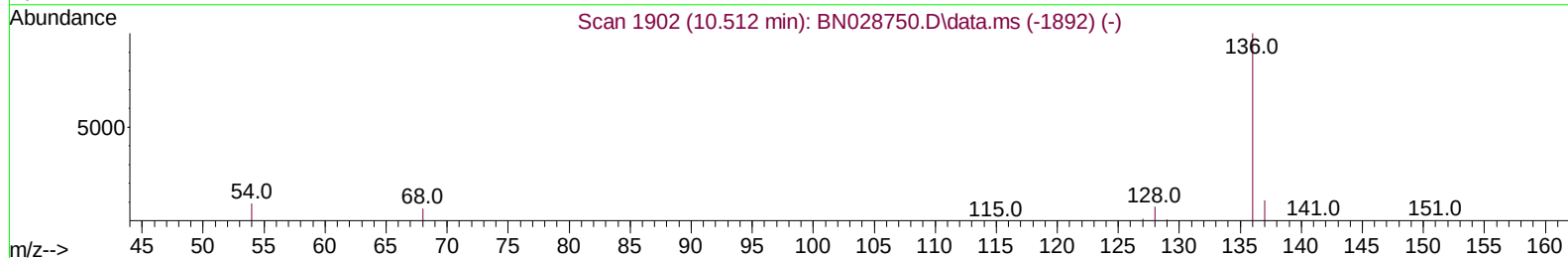
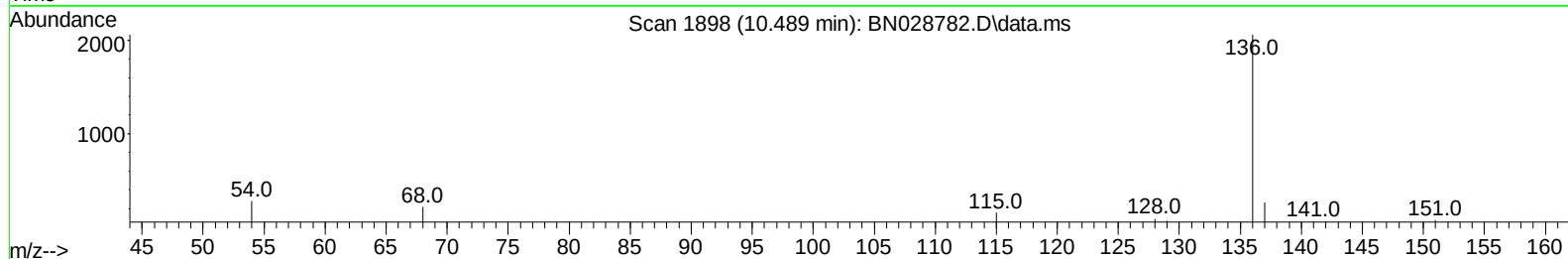
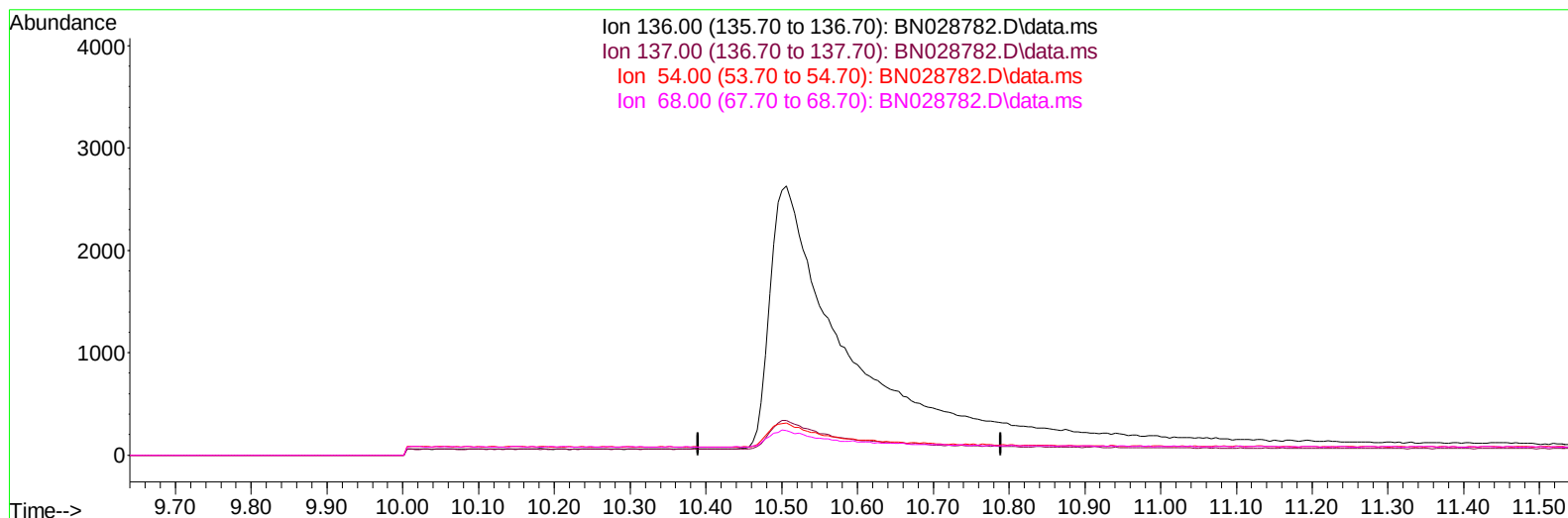
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS222

Manual IntegrationsAPPROVED

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TIC: BN028782.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#

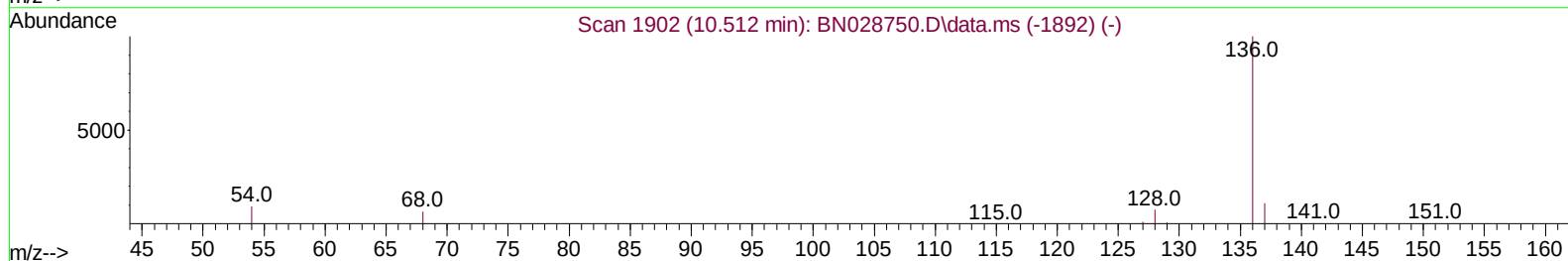
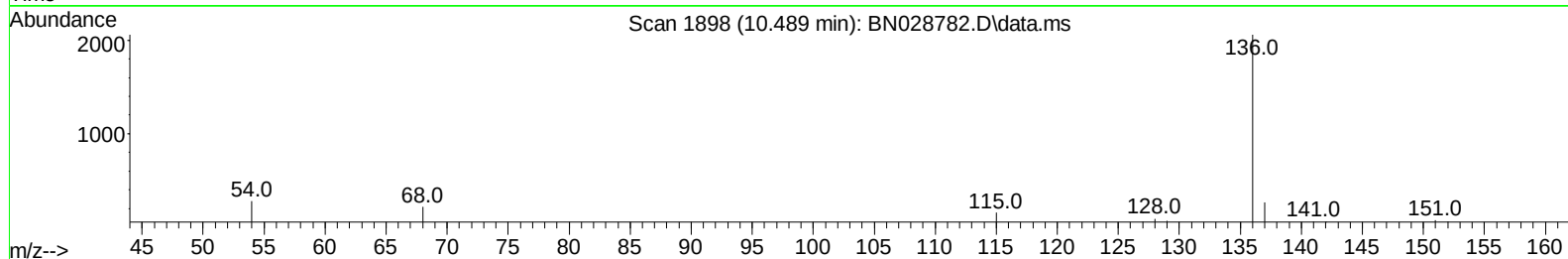
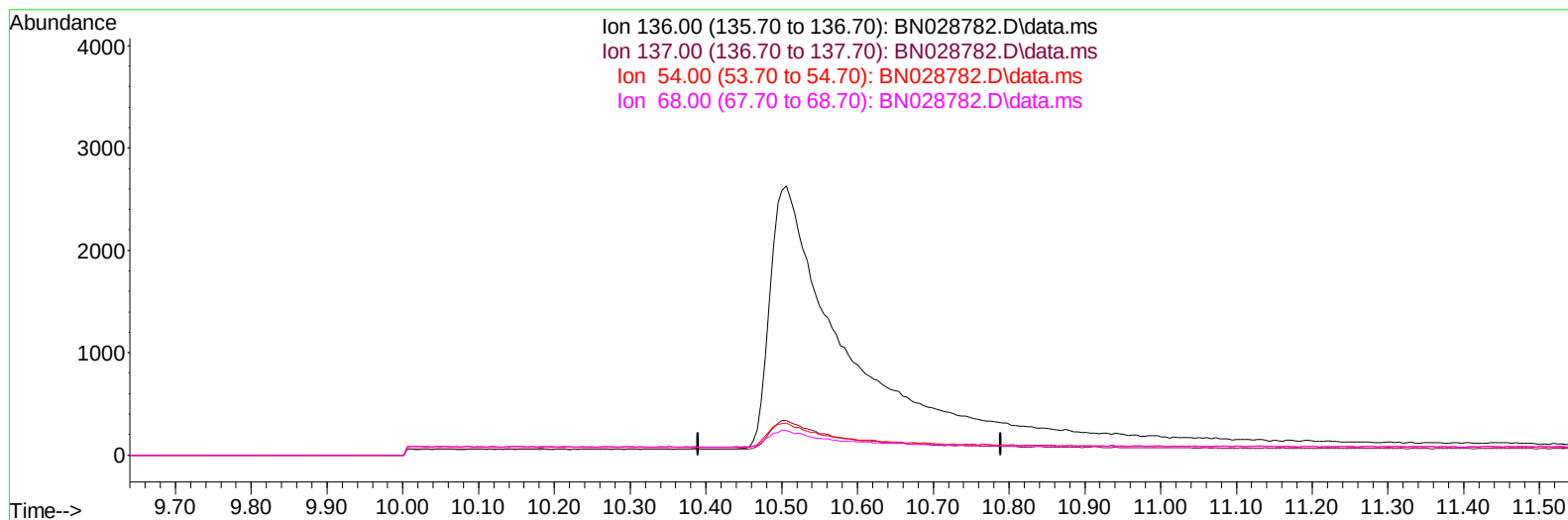
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028782.D
 Acq On : 19 Nov 2023 18:14
 Operator : MA/JU
 Sample : PB157222BS
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS222

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:38:44 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 : Mon Nov 20 01:23:26 2023
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028782.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#

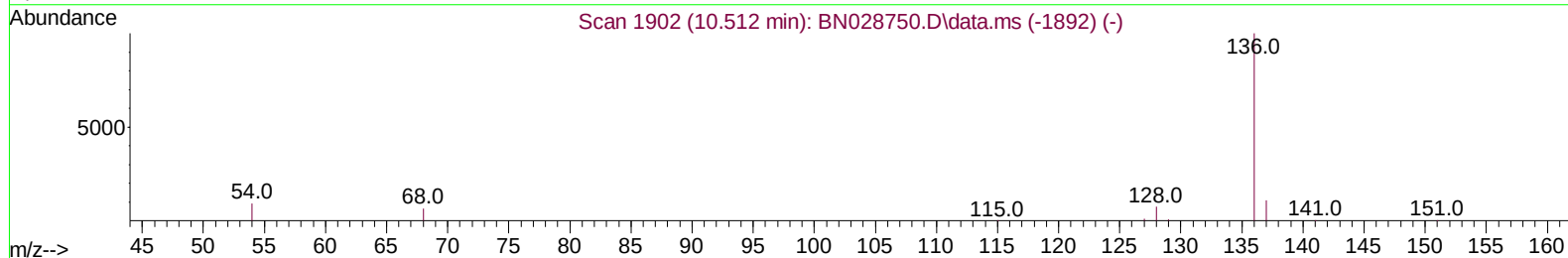
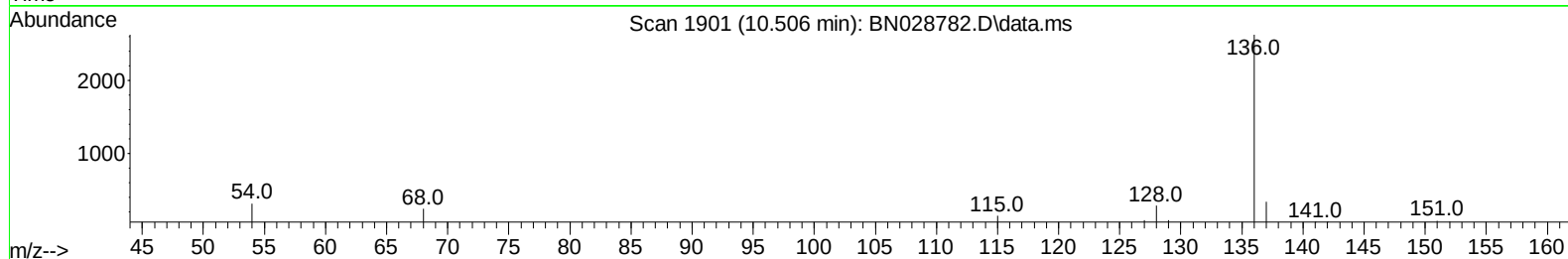
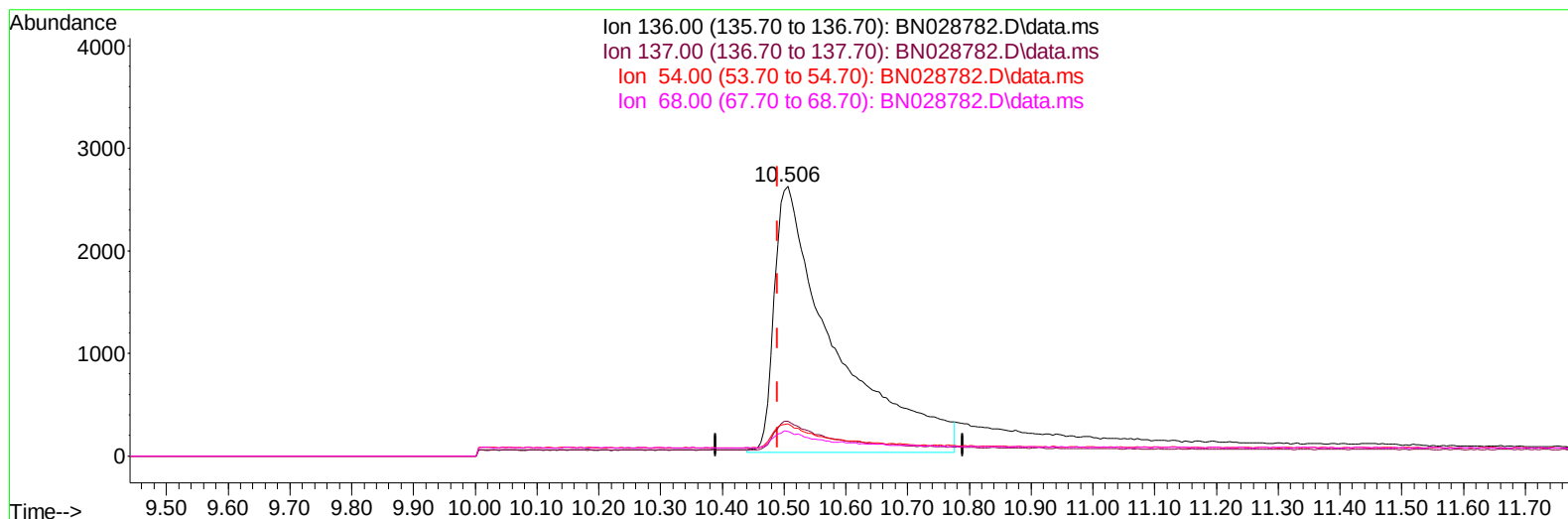
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028782.D
Acq On : 19 Nov 2023 18:14
Operator : MA/JU
Sample : PB157222BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028782.D\data.ms

(4) Naphthalene-d8 (I)

10.506min (+ 0.016) 0.40 ng/ul m

response 17620

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.82
54.00	9.00	11.91#
68.00	7.10	9.17#

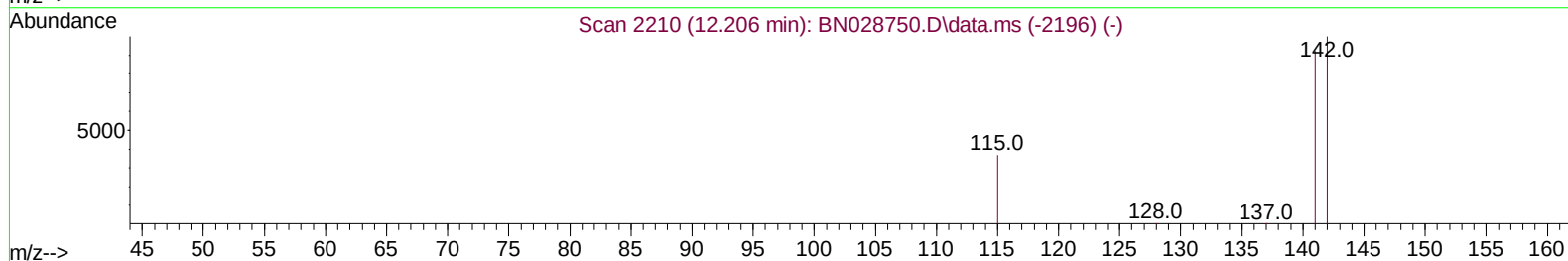
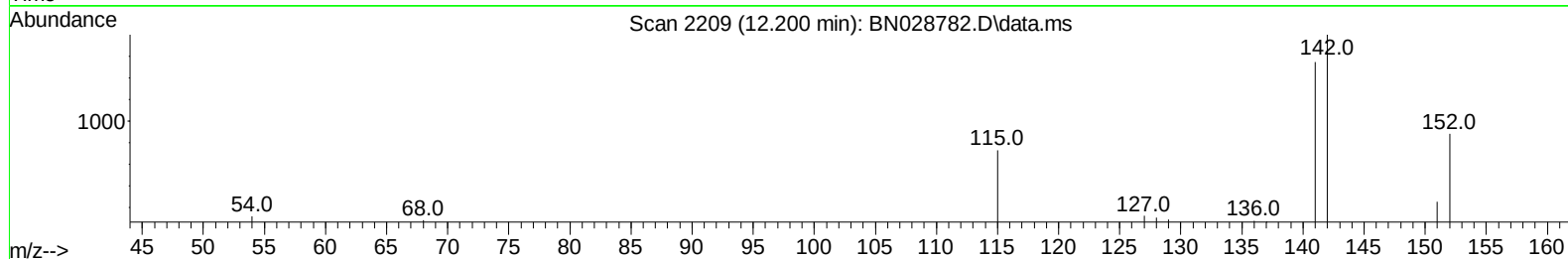
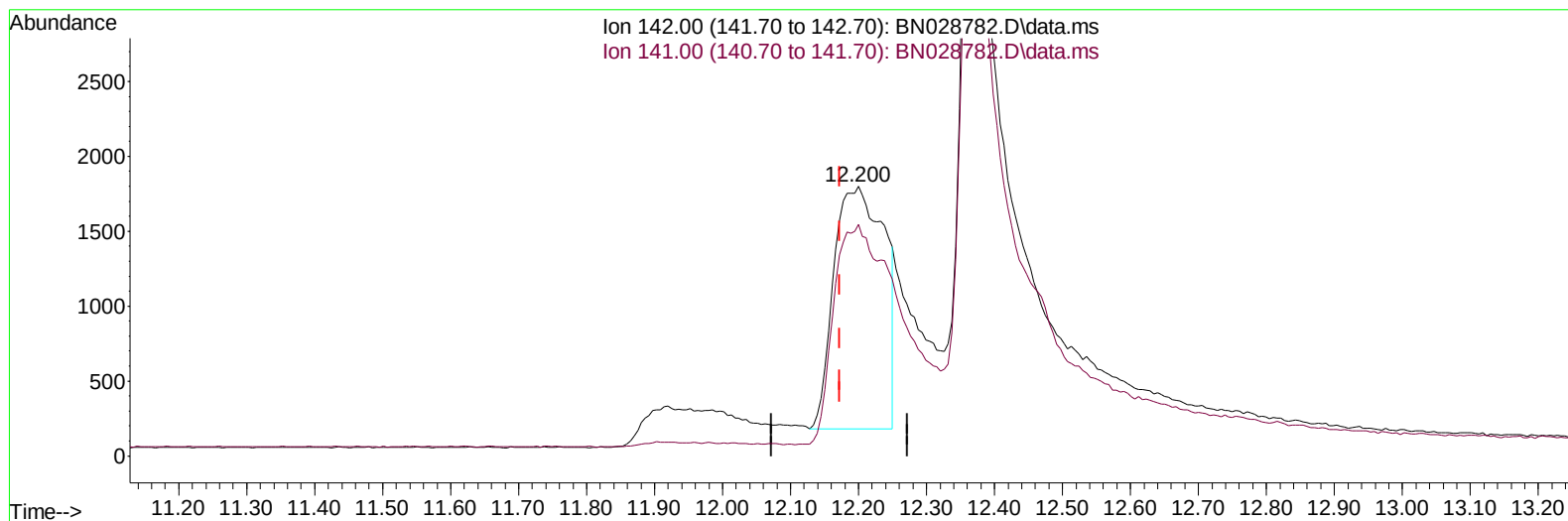
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Operator : MA/JU
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Misc :
ALS Vial : 85 Sample Multiplier: 1

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ClientSampleId :
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TIC: BN028782.D\data.ms

(7) 2-Methylnaphthalene

12.200min (+ 0.027) 0.26 ng/u1

response 8329

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	90.56
0.00	0.00	0.00
0.00	0.00	0.00

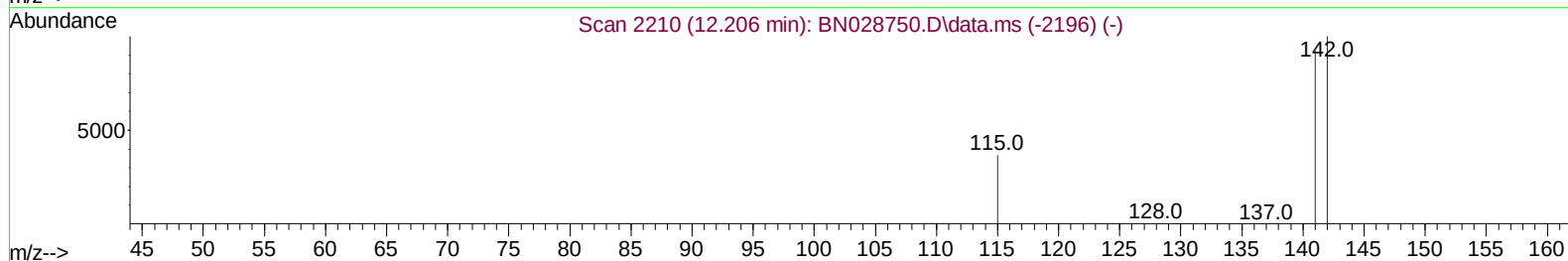
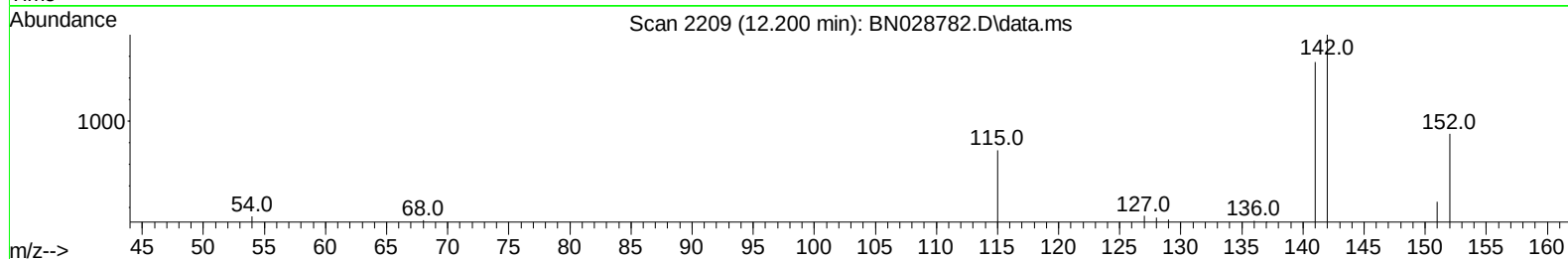
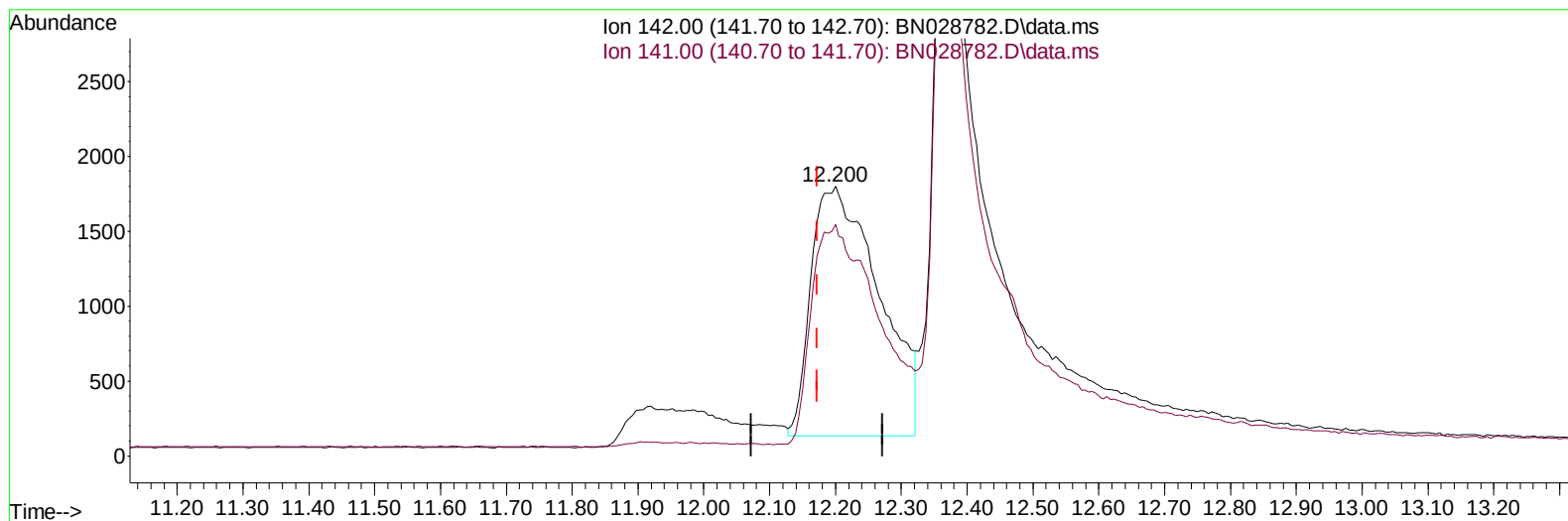
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 Misc :
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Instrument :
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TIC: BN028782.D\data.ms

(7) 2-Methylnaphthalene

12.200min (+ 0.027) 0.37 ng/ul m

response 11955

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	63.09#
0.00	0.00	0.00
0.00	0.00	0.00

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 Misc :
 ALS Vial : 85 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.879	152	6676m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.506	136	17620m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.320	164	10979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.093	188	15607	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	13054	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11535	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	7029m	0.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	7181	0.271	ng/ul	0.02
18) Fluoranthene-d10	19.117	212	25764	0.613	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.149	88	22172m	2.719	ng/ul	
5) Naphthalene	10.555	128	21030	0.426	ng/ul	97
7) 2-Methylnaphthalene	12.200	142	11955m	0.367	ng/ul	
8) 1-Methylnaphthalene	12.370	142	13129	0.397	ng/ul	99
10) Acenaphthylene	14.047	152	26902	0.491	ng/ul	99
11) Acenaphthene	14.380	153	22085	0.548	ng/ul	99
12) Fluorene	15.393	166	19359	0.413	ng/ul	98
14) Pentachlorophenol	16.743	266	3570	0.953	ng/ul	100
15) Phenanthrene	17.127	178	29304	0.611	ng/ul	98
16) Anthracene	17.241	178	16598	0.377	ng/ul	96
19) Fluoranthene	19.149	202	34831	0.627	ng/ul	99
20) Pyrene	19.512	202	39484	0.686	ng/ul	97
21) Benzo(a)anthracene	21.283	228	19614	0.380	ng/ul	99
22) Chrysene	21.330	228	27799	0.551	ng/ul	100
24) Benzo(b)fluoranthene	22.888	252	23051	0.532	ng/ul	91
25) Benzo(k)fluoranthene	22.934	252	29363	0.648	ng/ul	94
26) Benzo(a)pyrene	23.481	252	24543	0.601	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.927	276	30024	0.662	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.954	278	22458	0.620	ng/ul	97
29) Benzo(g,h,i)perylene	26.631	276	26937	0.725	ng/ul	97

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

