

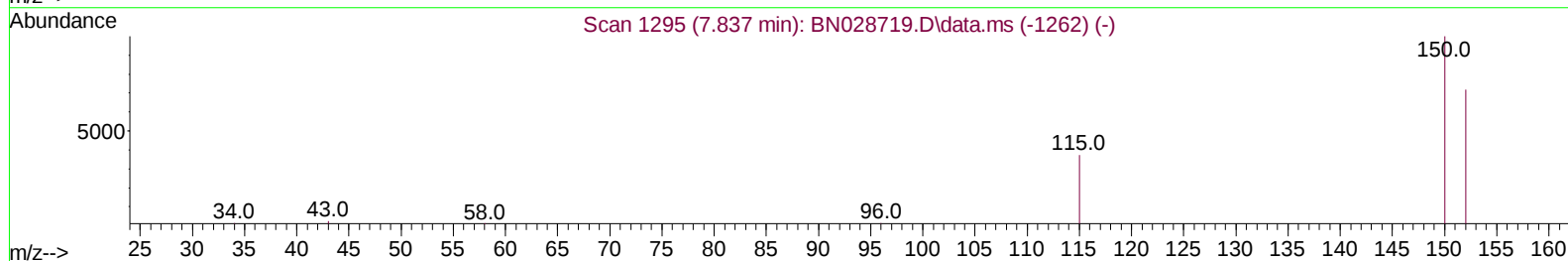
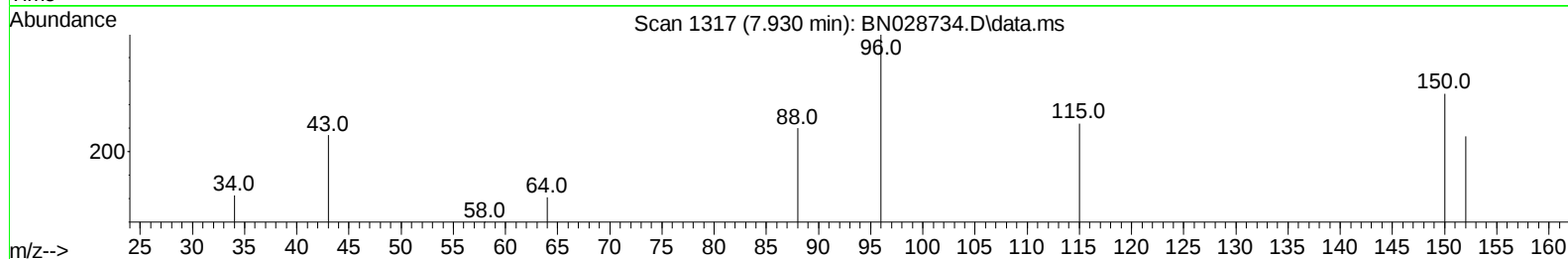
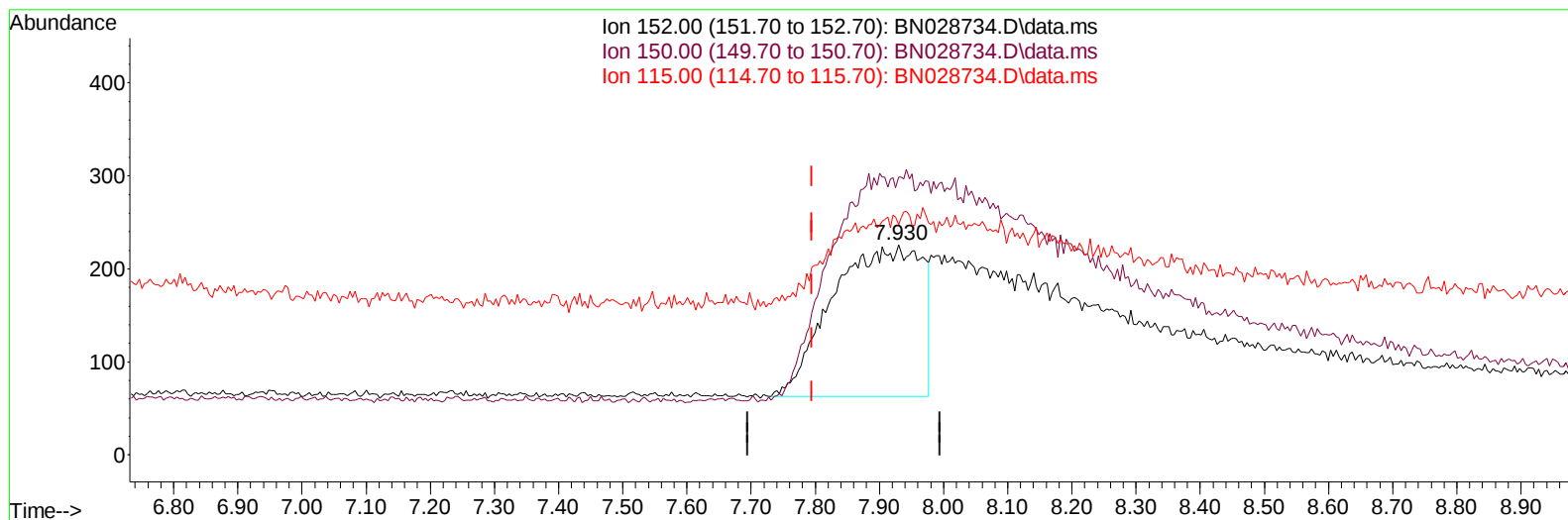
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:46 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028734.D\data.ms

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

7.930min (+ 0.135) 0.40 ng/u1

response 1565

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.30
115.00	62.20	109.73#
0.00	0.00	0.00

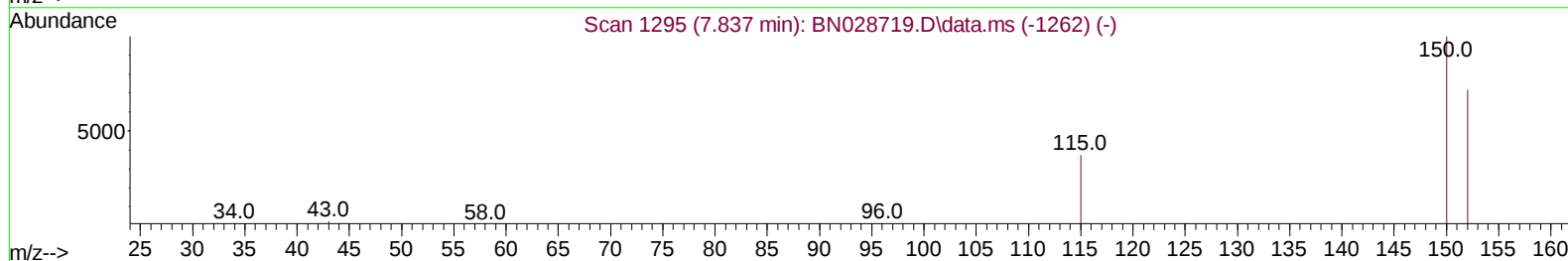
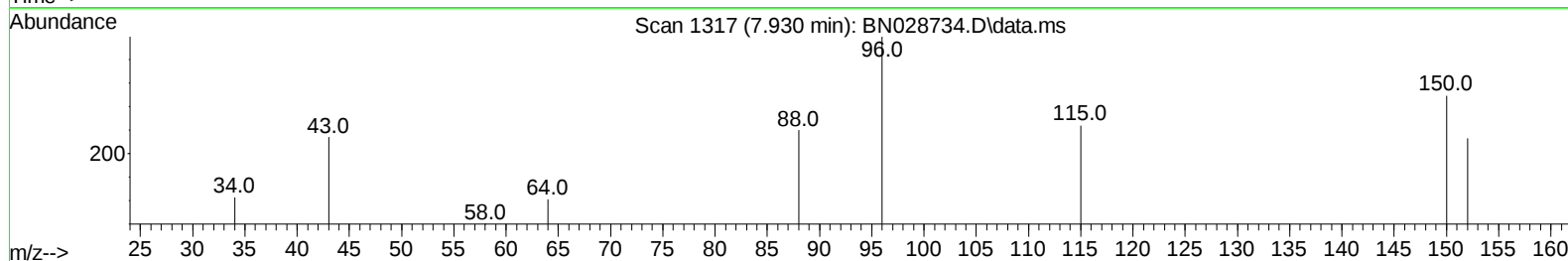
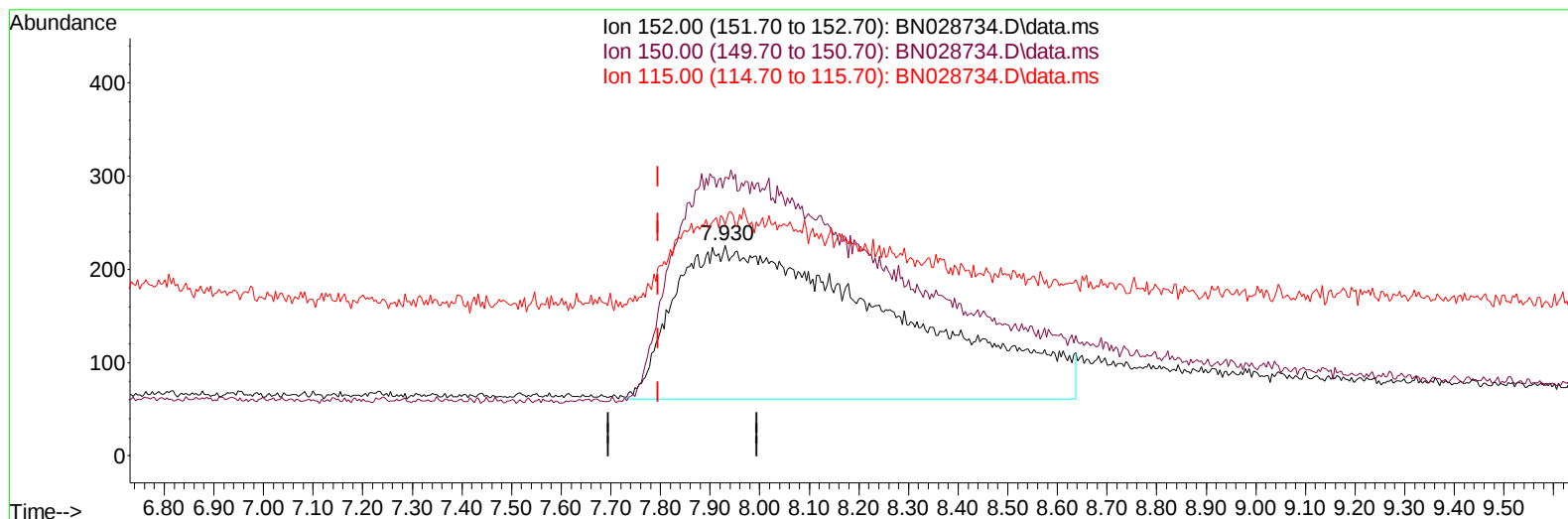
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028734.D\data.ms

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

7.930min (+ 0.135) 0.40 ng/ul m

response 5152

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.30
115.00	62.20	109.73#
0.00	0.00	0.00

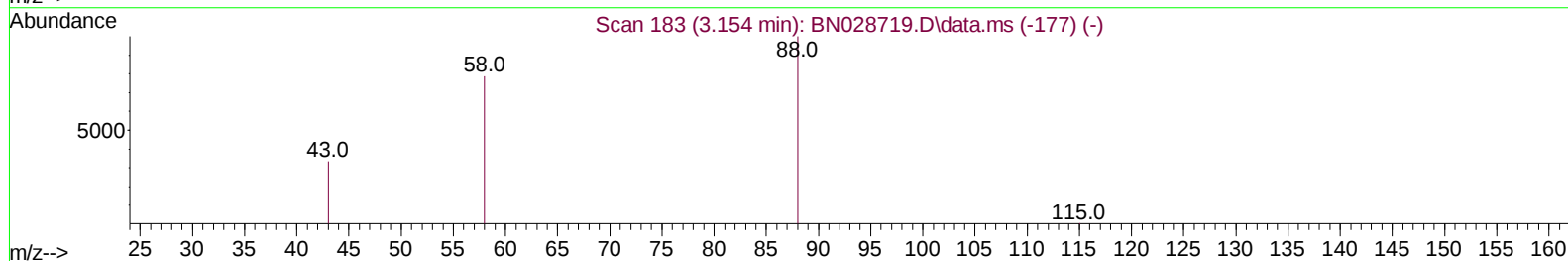
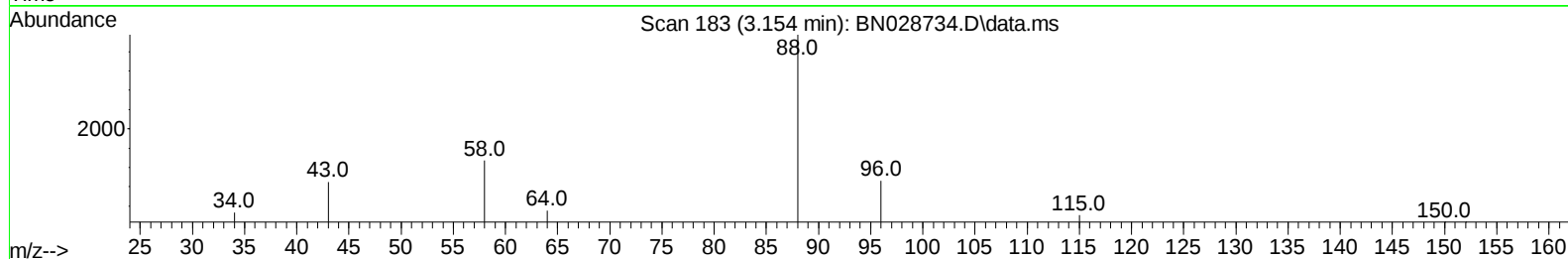
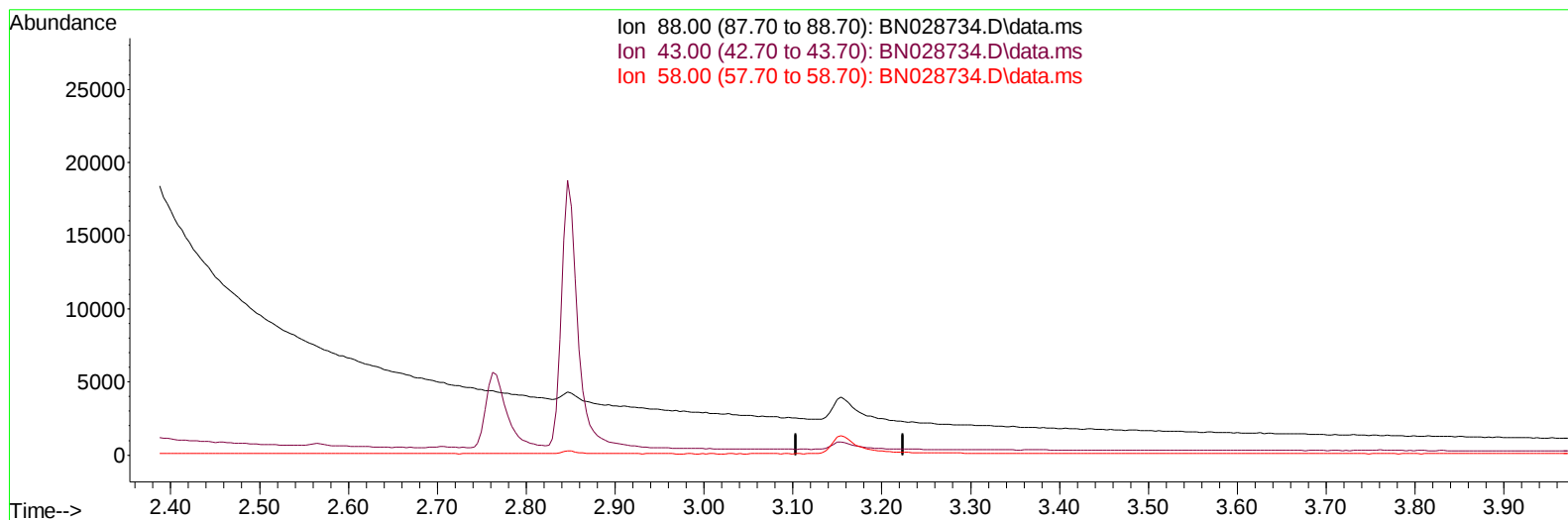
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
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 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028734.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

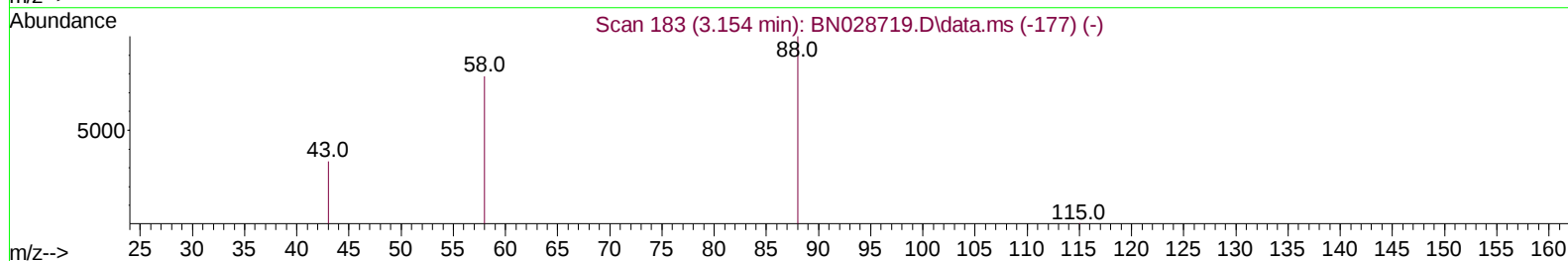
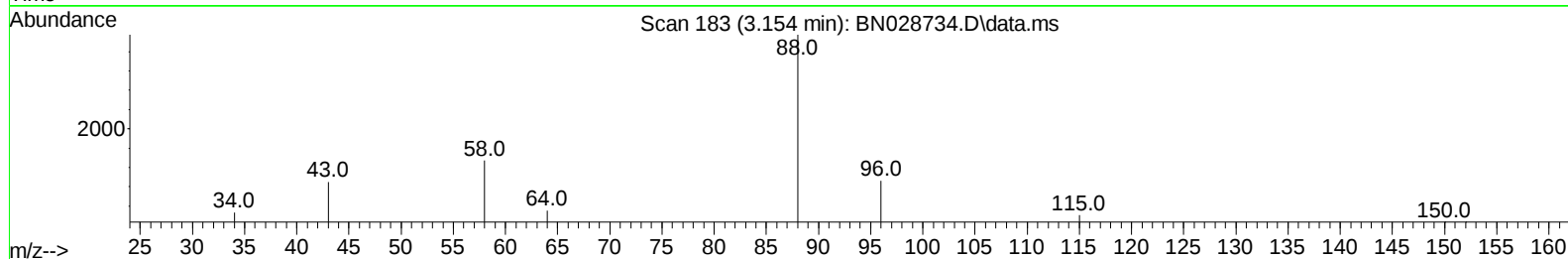
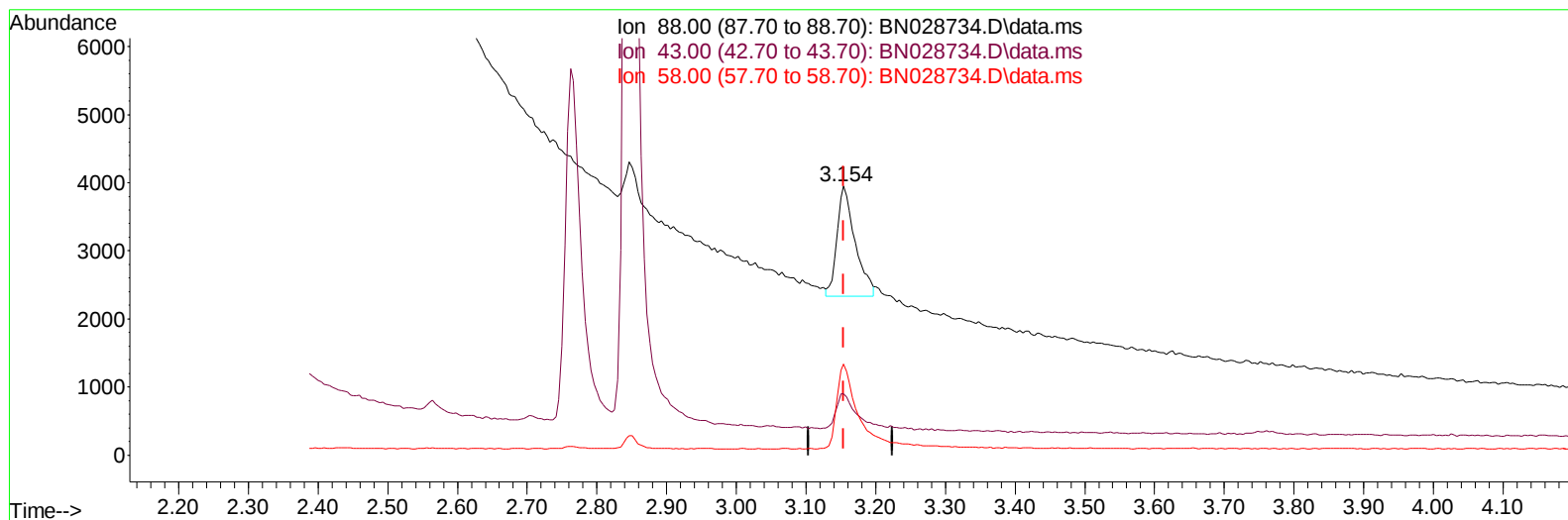
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028734.D\data.ms

(2) 1,4-Dioxane

3.154min (-0.000) 0.46 ng/ul m

response 2915

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	22.76#
58.00	52.30	33.95#
0.00	0.00	0.00

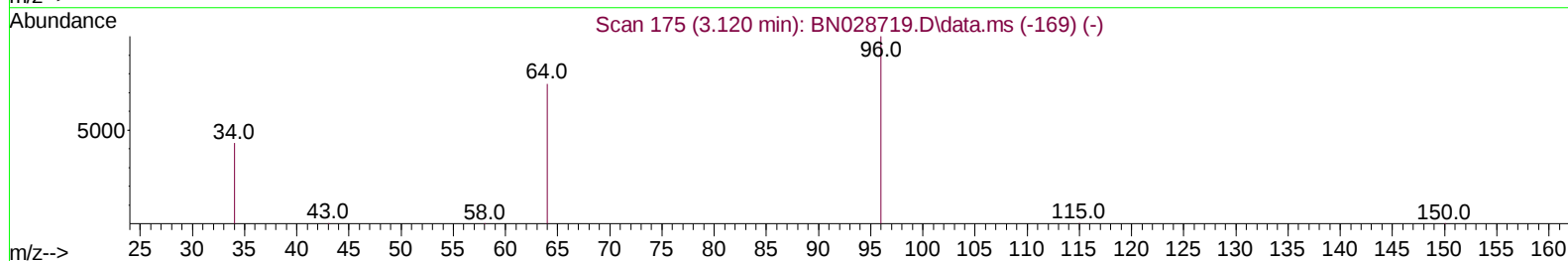
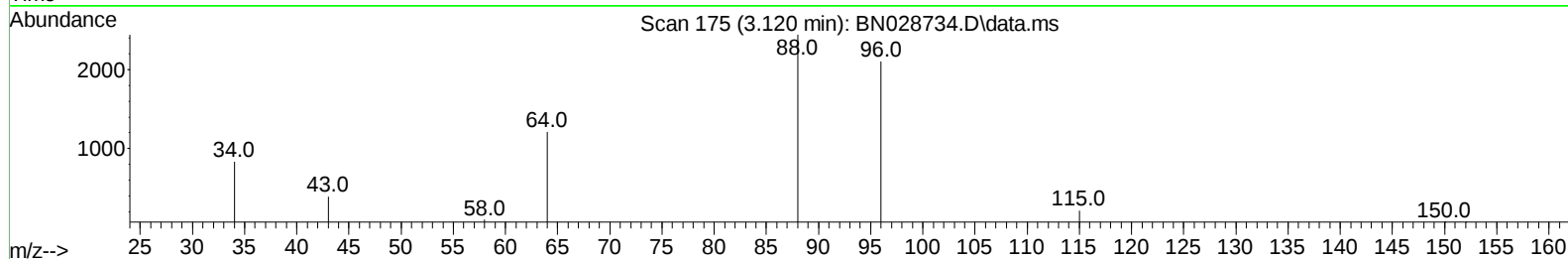
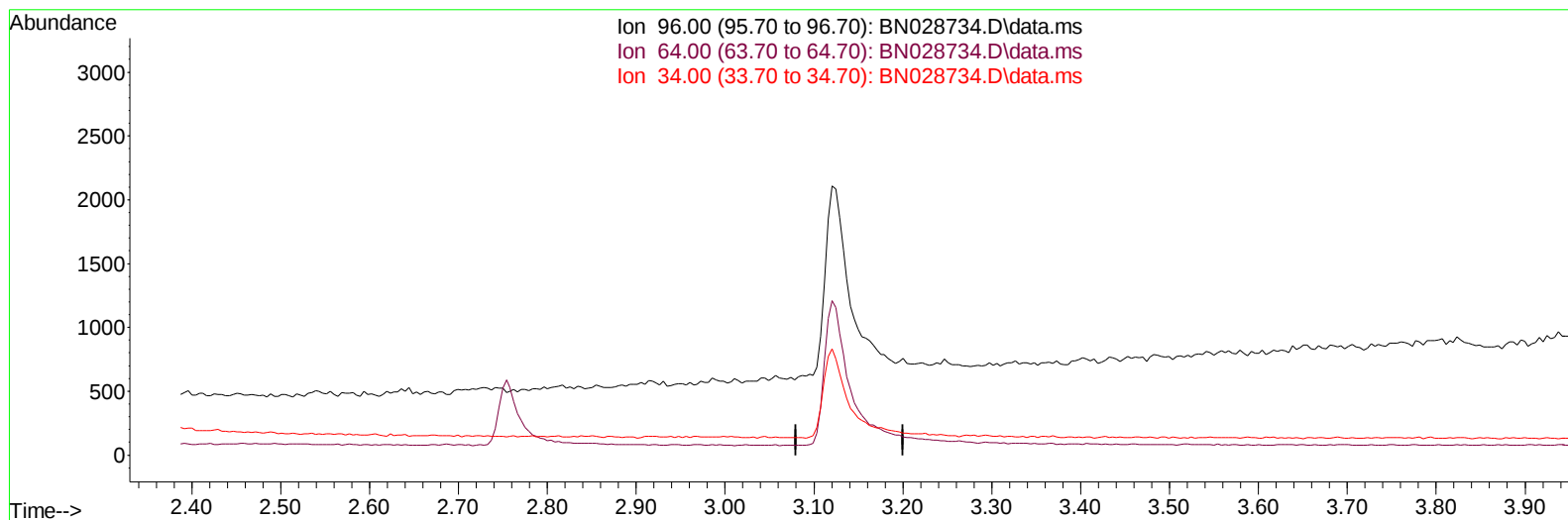
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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TIC: BN028734.D\data.ms

(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

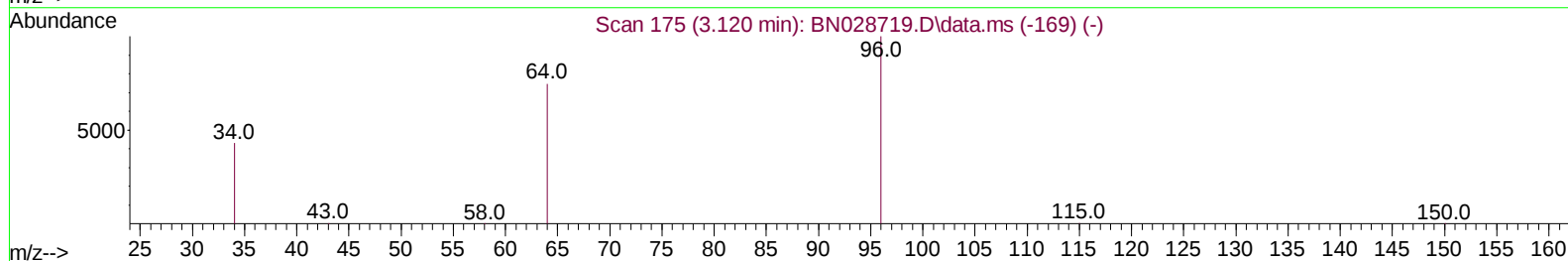
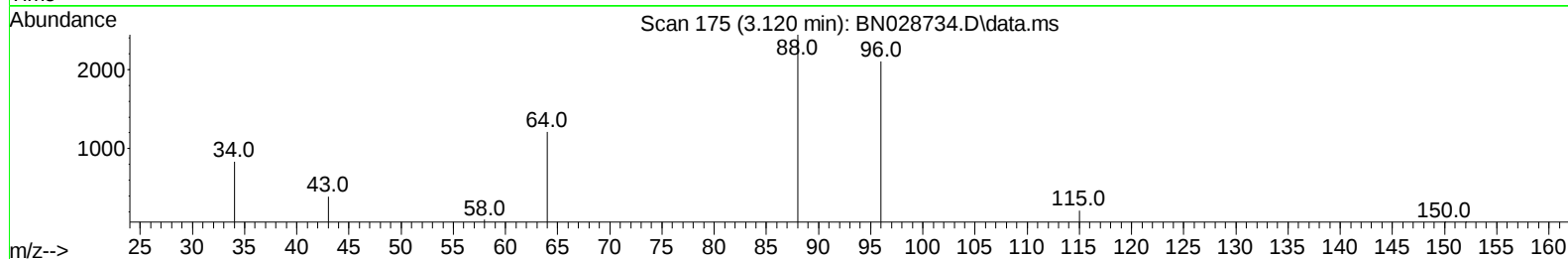
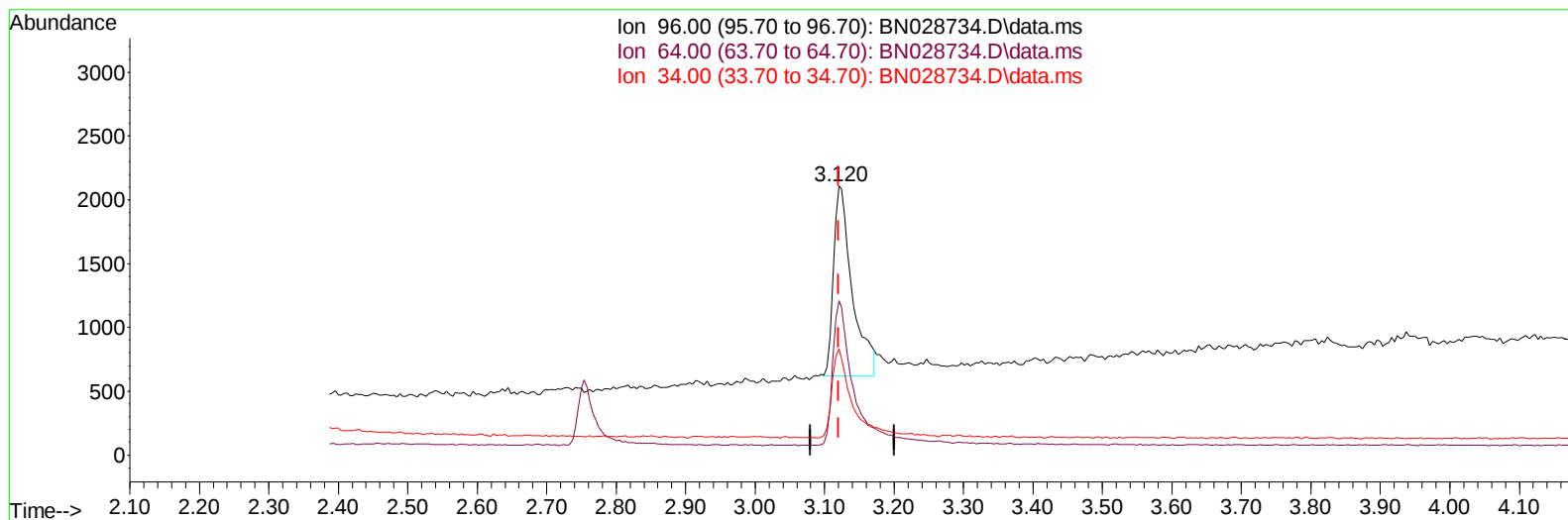
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028734.D\data.ms

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

3.120min (-0.000) 0.49 ng/u1 m

response 2770

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	57.33
34.00	38.60	39.53
0.00	0.00	0.00

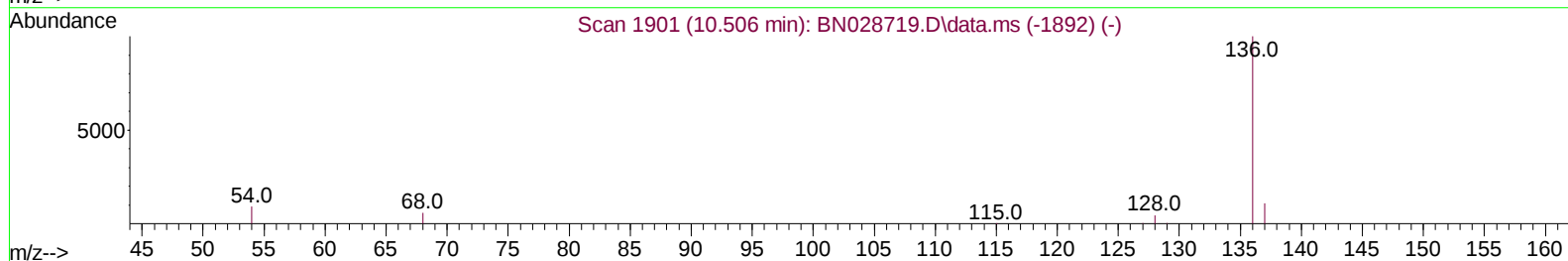
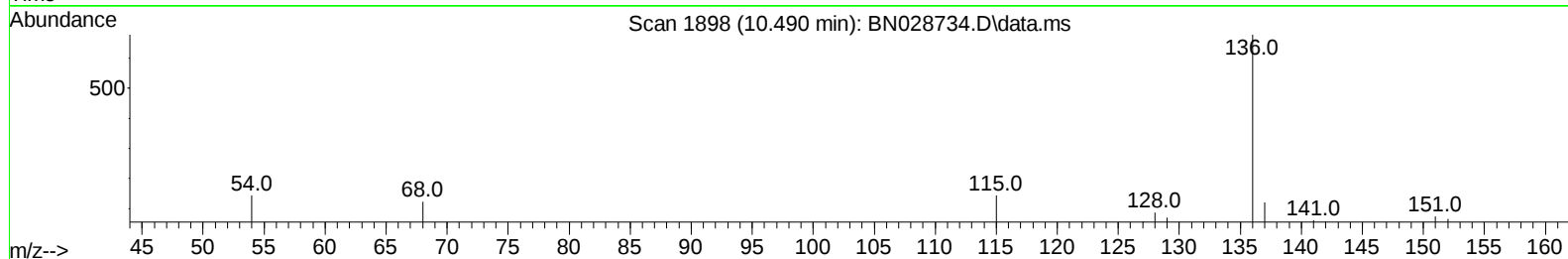
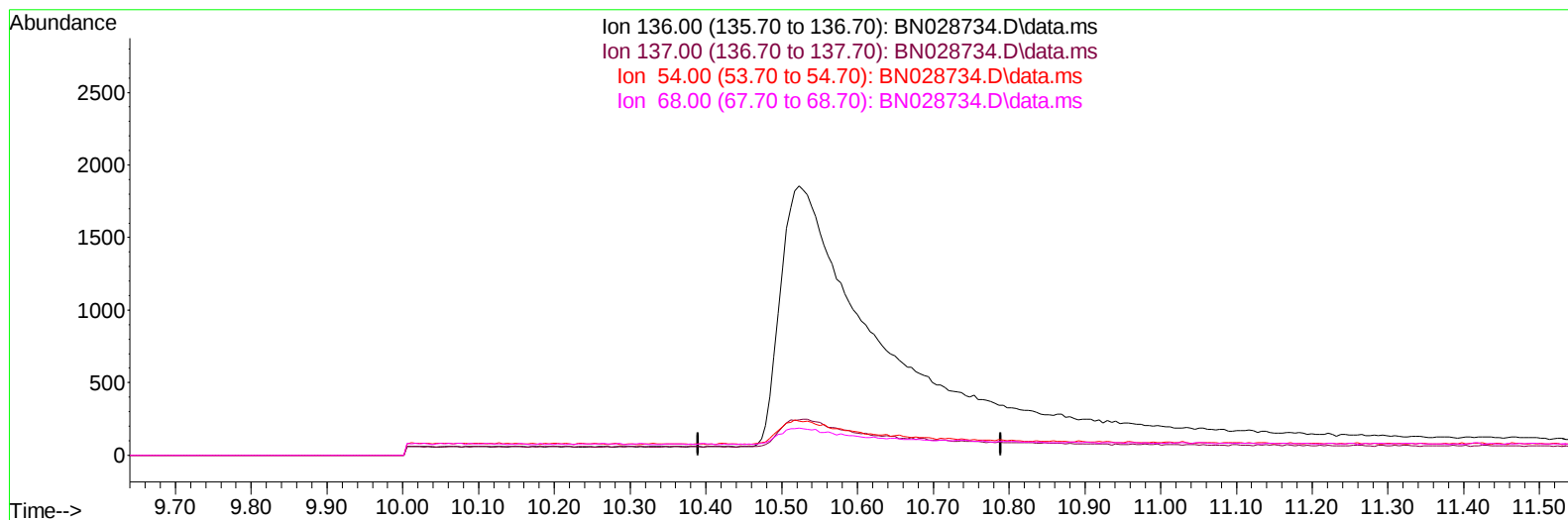
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

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TIC: BN028734.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 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#

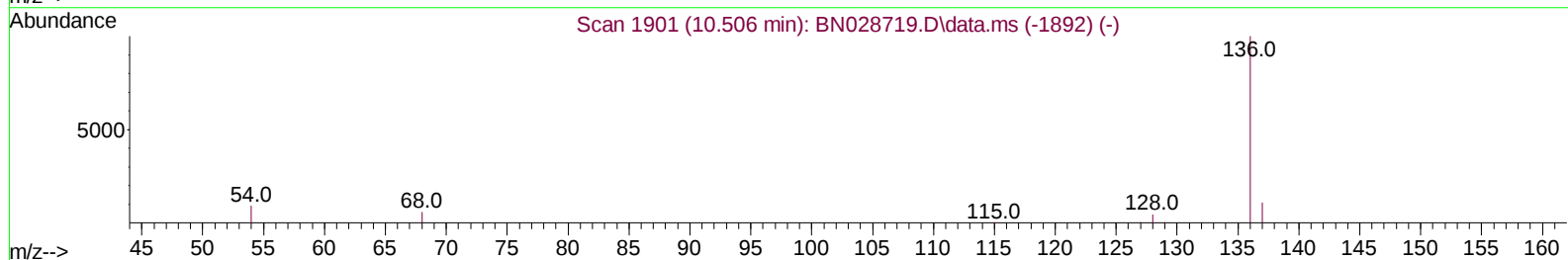
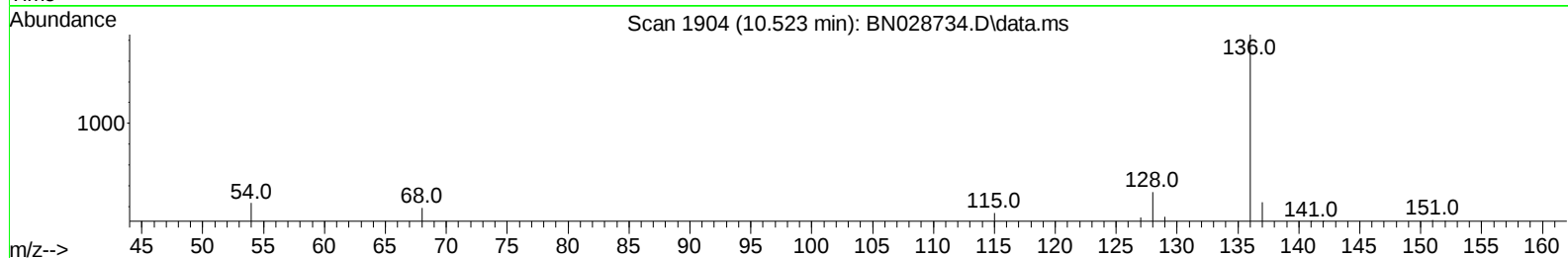
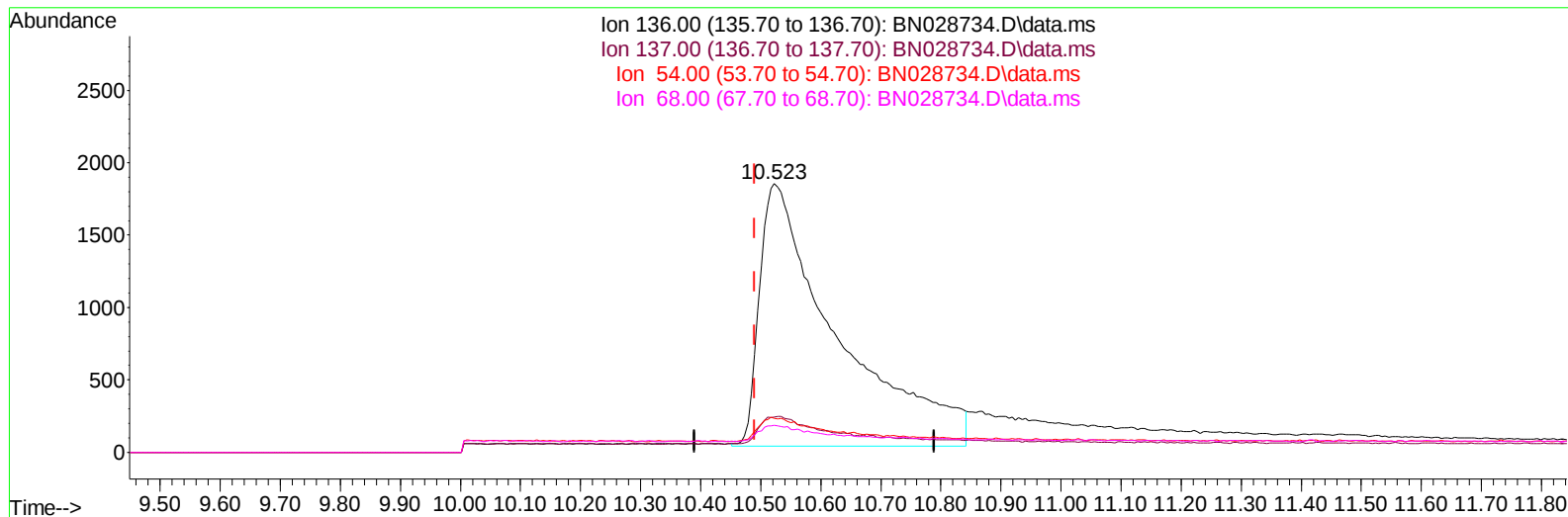
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028734.D\data.ms

(4) Naphthalene-d8 (I)

10.523min (+ 0.033) 0.40 ng/ul m

response 16217

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.05
54.00	9.00	12.57#
68.00	7.10	10.09#

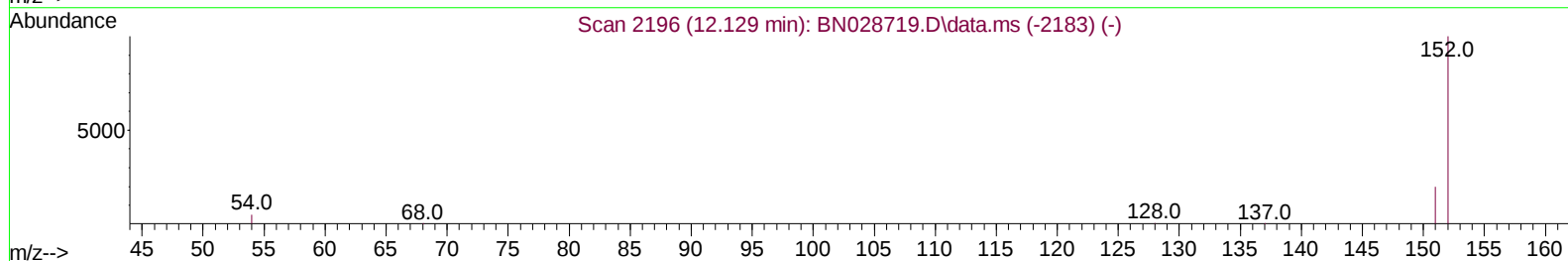
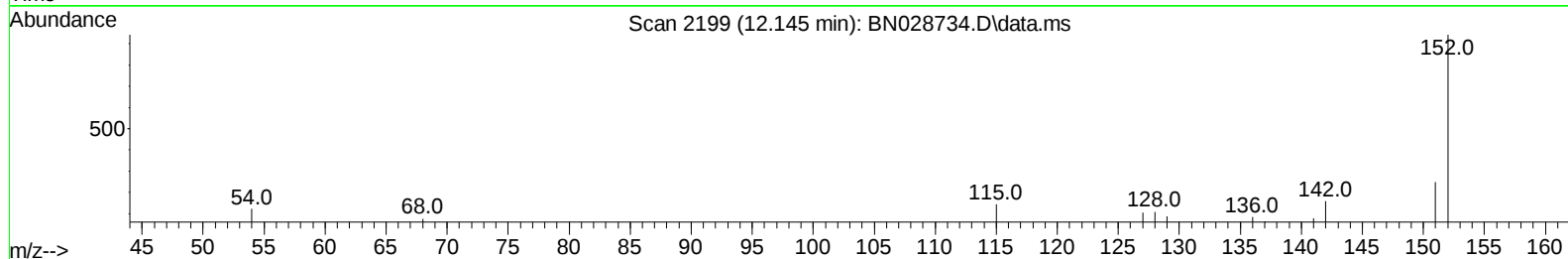
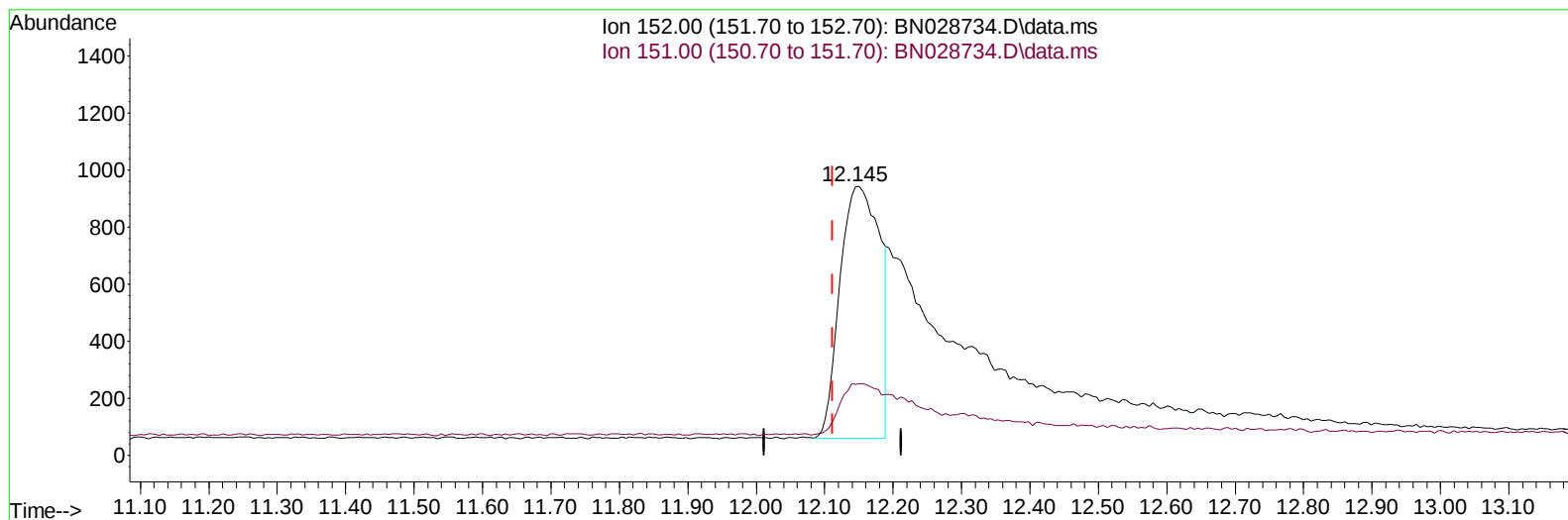
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:46 2023
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TIC: BN028734.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (+ 0.033) 0.15 ng/u1

response 3605

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	19.42
0.00	0.00	0.00
0.00	0.00	0.00

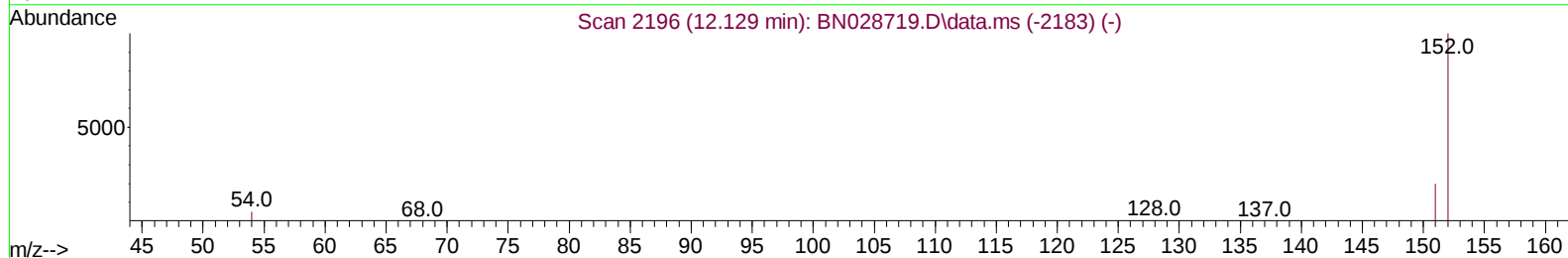
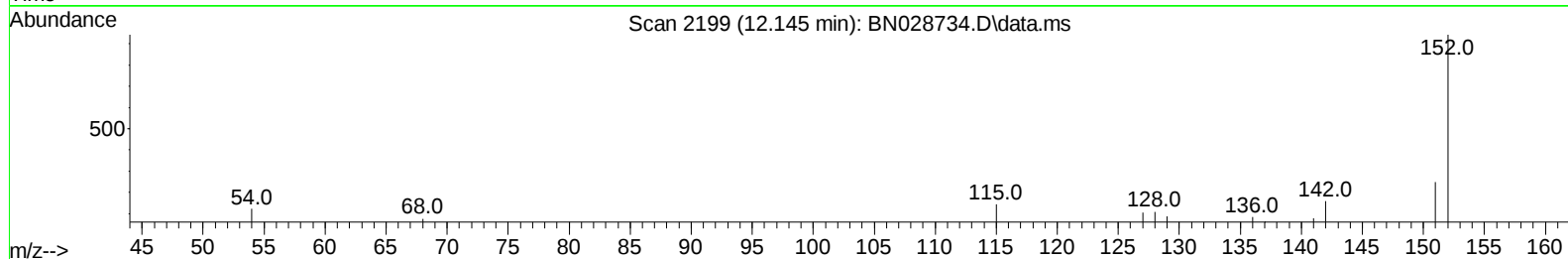
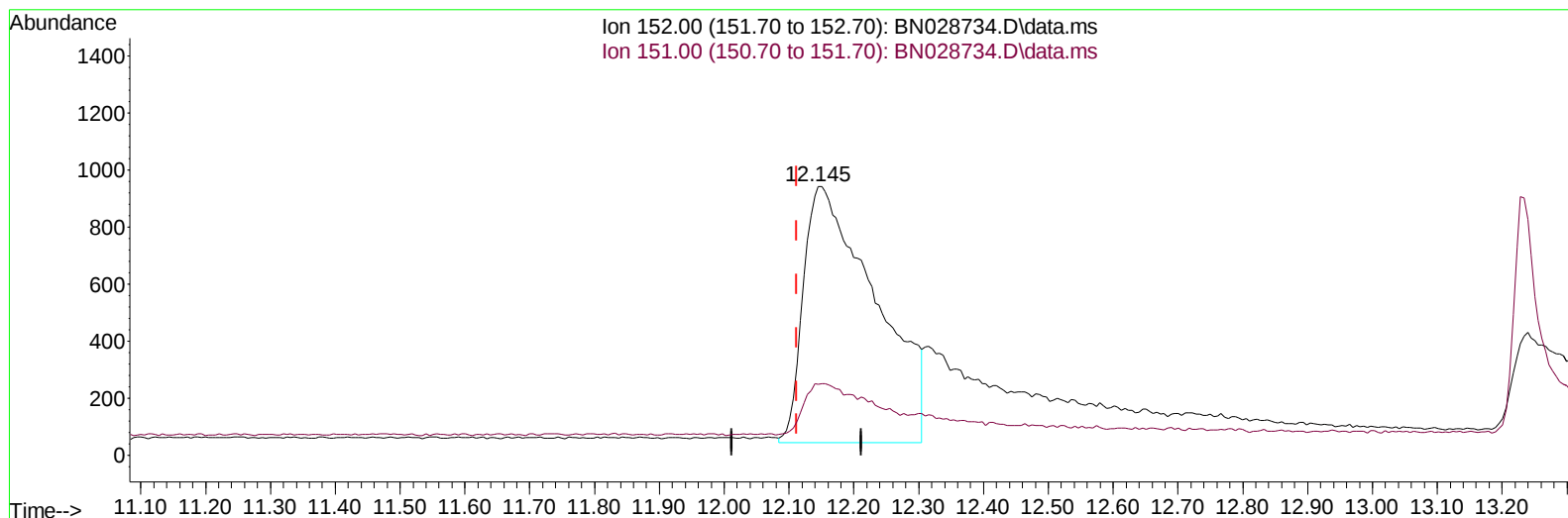
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028734.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.145min (+ 0.033) 0.29 ng/ul m

response 6968

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	10.05#
0.00	0.00	0.00
0.00	0.00	0.00

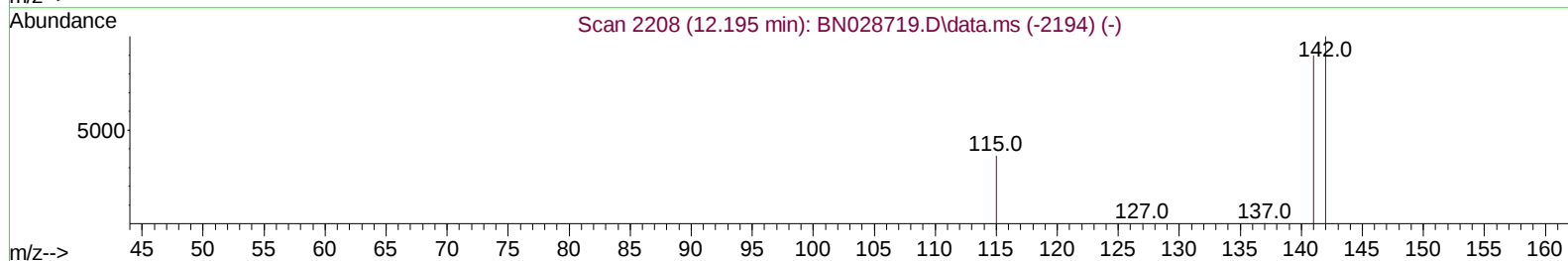
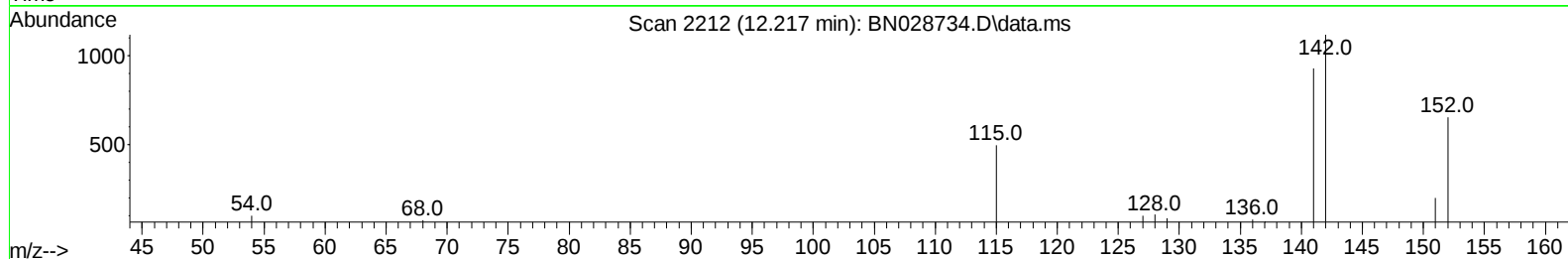
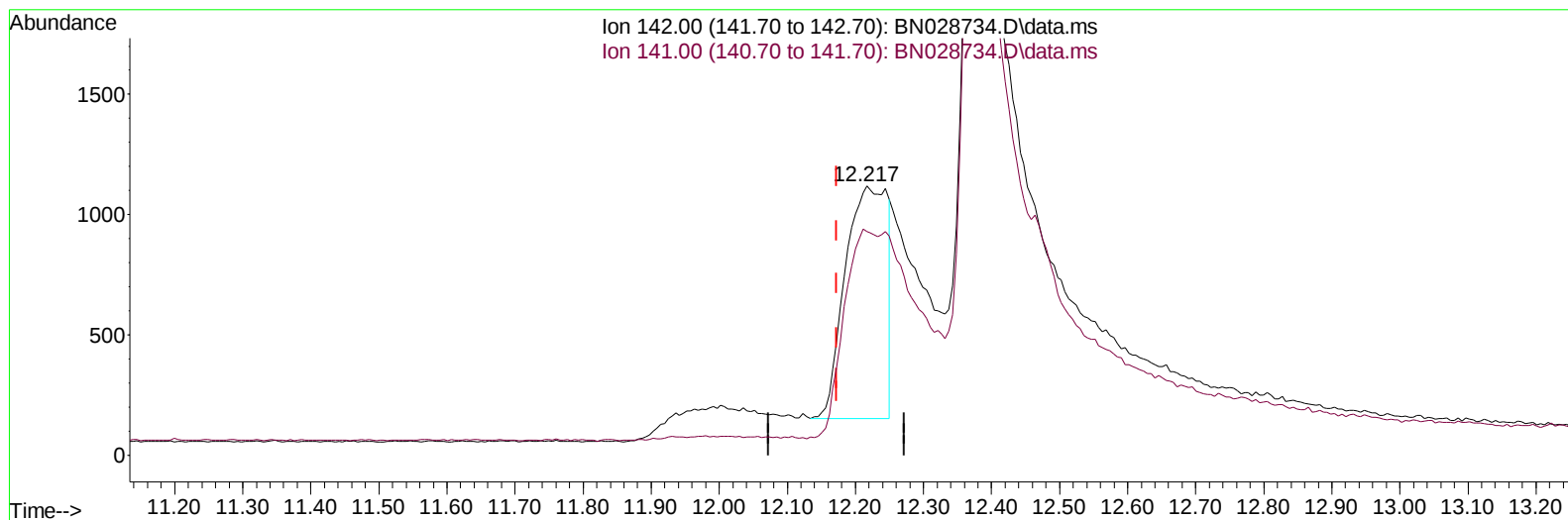
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
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 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028734.D\data.ms

(7) 2-Methylnaphthalene

12.217min (+ 0.044) 0.14 ng/ul

response 4133

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	91.51
0.00	0.00	0.00
0.00	0.00	0.00

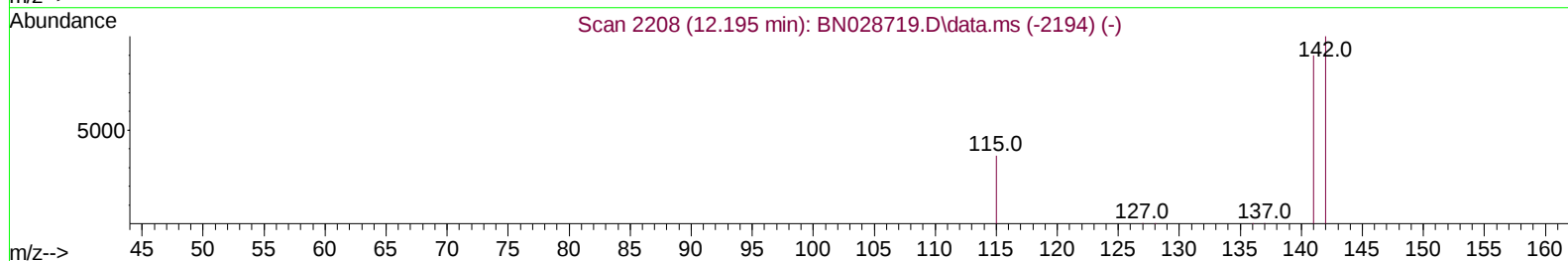
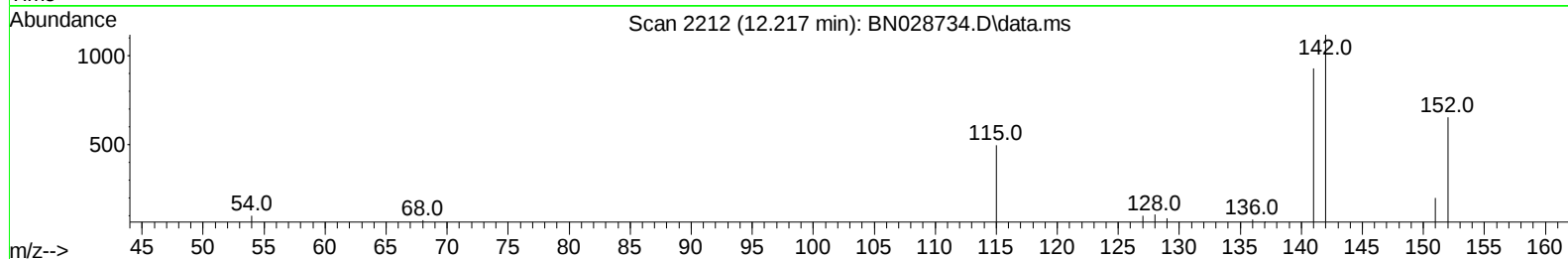
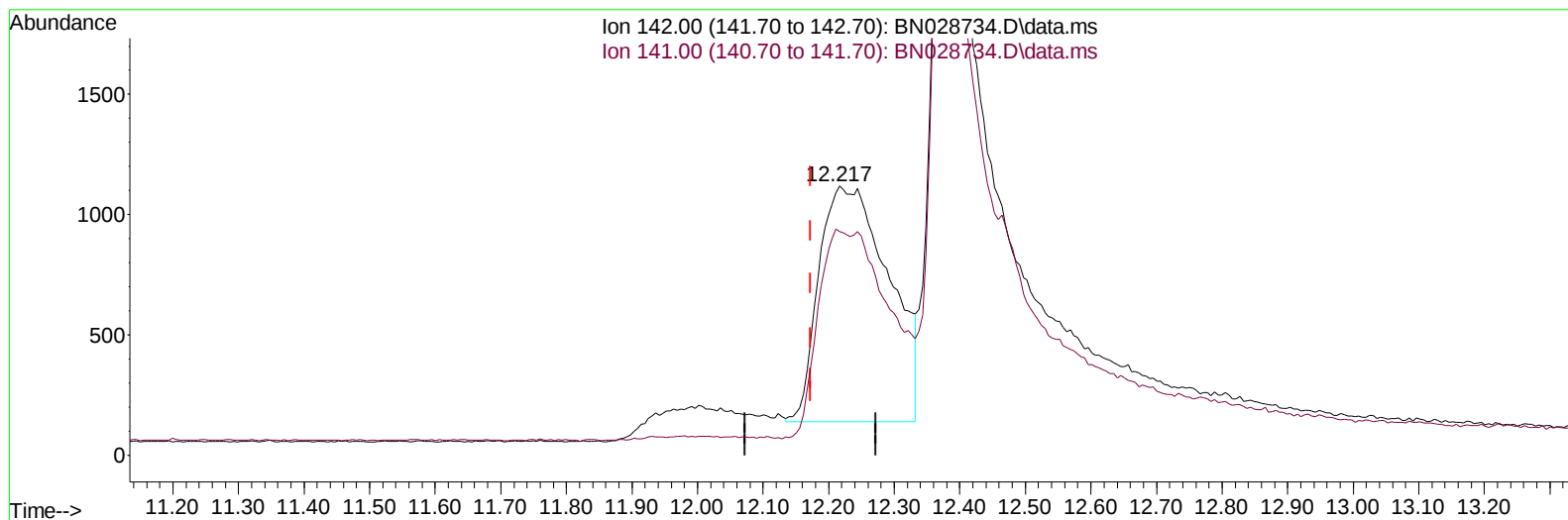
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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TIC: BN028734.D\data.ms

(7) 2-Methylnaphthalene

12.217min (+ 0.044) 0.24 ng/ul m

response 7274

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	51.99#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 LabSampleId :
 SSTDCCC0.4

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5152m	0.400	ng/ul	0.13
4) Naphthalene-d8	10.523	136	16217m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.326	164	10311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	13501	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12283	0.400	ng/ul	# 0.00
23) Perylene-d12	23.582	264	12457	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2770m	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	6968m	0.285	ng/ul	0.03
18) Fluoranthene-d10	19.123	212	18379	0.465	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.154	88	2915m	0.463	ng/ul	
5) Naphthalene	10.572	128	13503	0.297	ng/ul#	94
7) 2-Methylnaphthalene	12.217	142	7274m	0.243	ng/ul	
8) 1-Methylnaphthalene	12.376	142	9166	0.301	ng/ul	99
10) Acenaphthylene	14.058	152	19648	0.382	ng/ul	98
11) Acenaphthene	14.391	153	16614	0.439	ng/ul	99
12) Fluorene	15.408	166	13611	0.309	ng/ul	98
14) Pentachlorophenol	16.774	266	773	0.239	ng/ul	99
15) Phenanthrene	17.141	178	21264	0.513	ng/ul	97
16) Anthracene	17.255	178	9580	0.252	ng/ul	94
19) Fluoranthene	19.155	202	24562	0.470	ng/ul	98
20) Pyrene	19.518	202	28979	0.535	ng/ul	95
21) Benzo(a)anthracene	21.290	228	12031	0.248	ng/ul	98
22) Chrysene	21.337	228	19505	0.411	ng/ul	100
24) Benzo(b)fluoranthene	22.892	252	17354	0.371	ng/ul	86
25) Benzo(k)fluoranthene	22.936	252	21313	0.435	ng/ul#	89
26) Benzo(a)pyrene	23.485	252	18444	0.418	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.941	276	22385	0.457	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.971	278	16522	0.422	ng/ul#	92
29) Benzo(g,h,i)perylene	26.639	276	21022	0.524	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028734.D
Acq On : 18 Nov 2023 12:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:01:46 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 : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

