

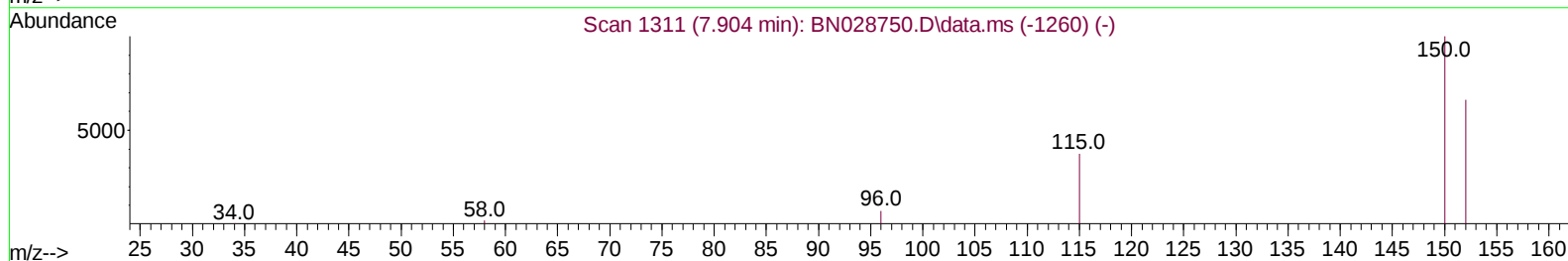
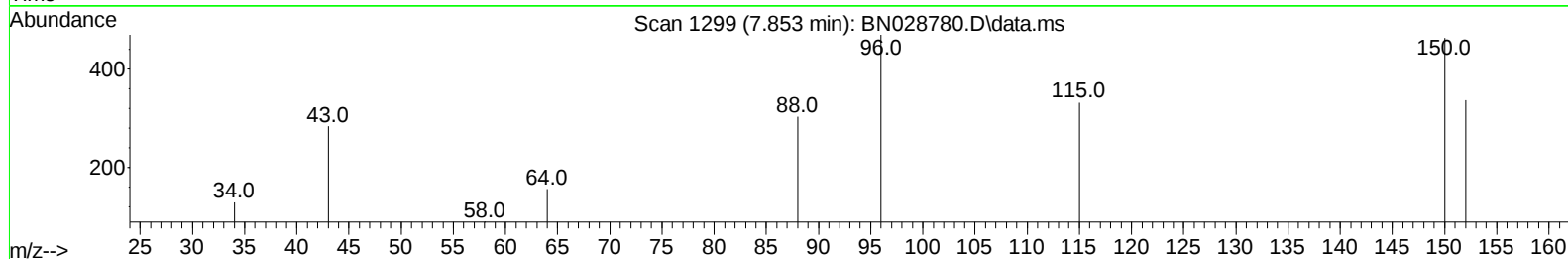
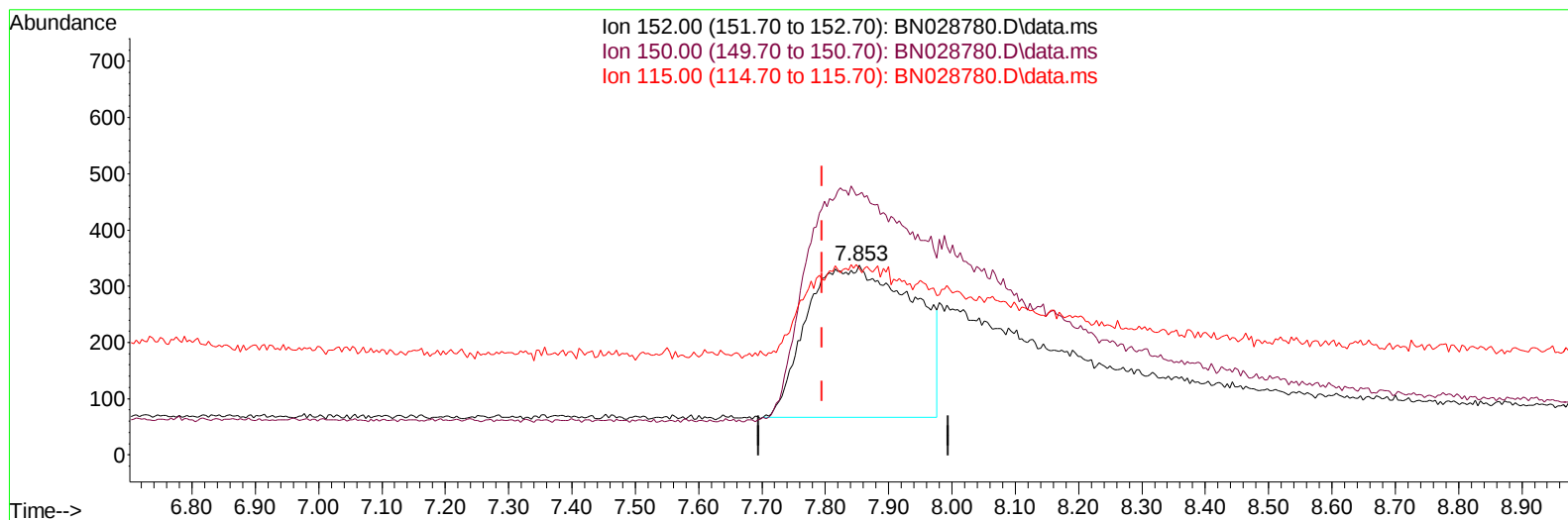
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

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

7.853min (+ 0.058) 0.40 ng/u1

response 3165

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	137.69
115.00	62.20	98.52#
0.00	0.00	0.00

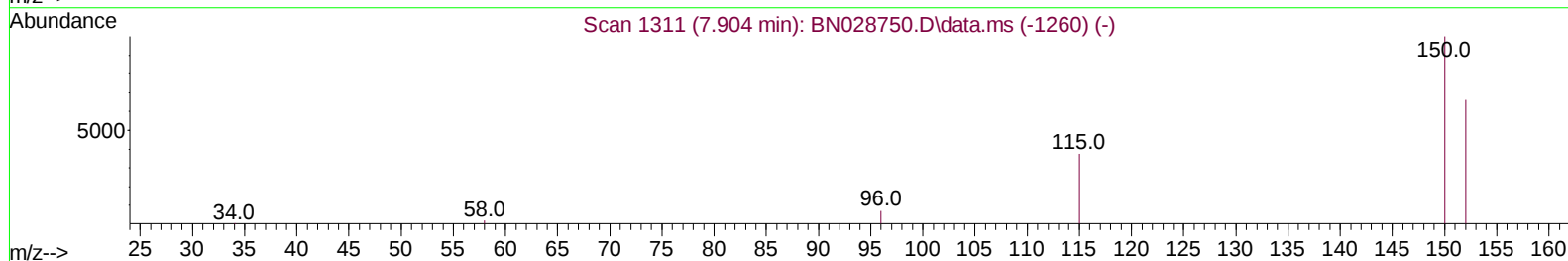
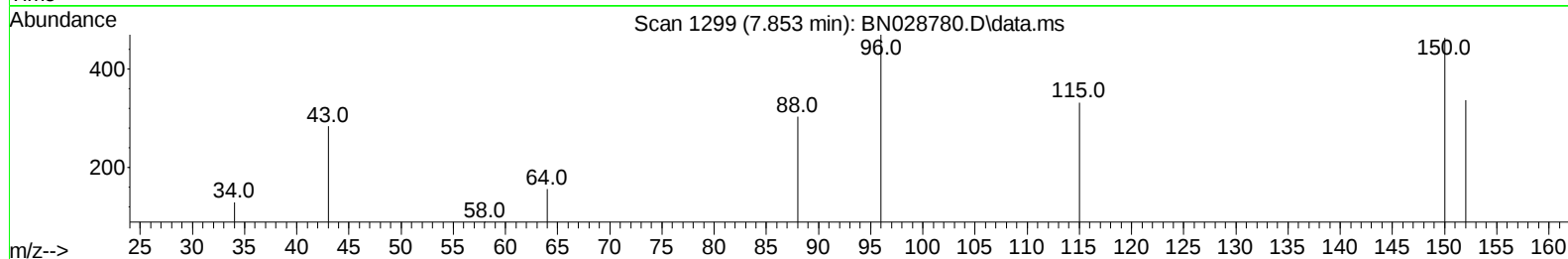
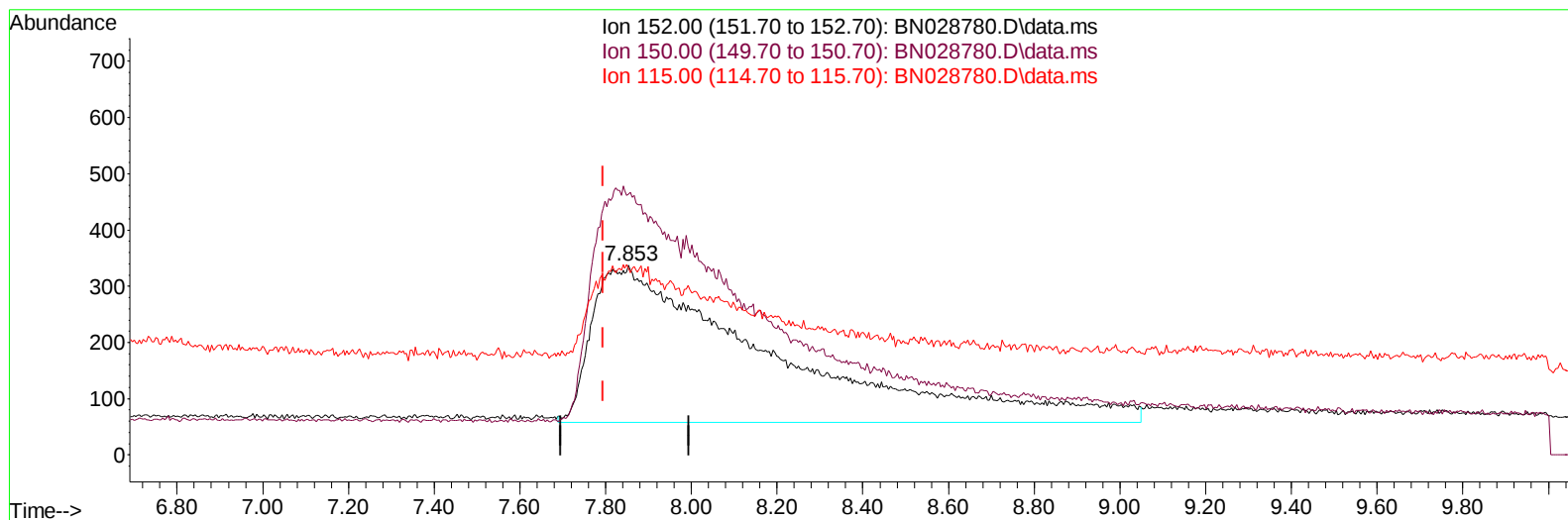
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

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

7.853min (+ 0.058) 0.40 ng/ul m

response 8192

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	137.69
115.00	62.20	98.52#
0.00	0.00	0.00

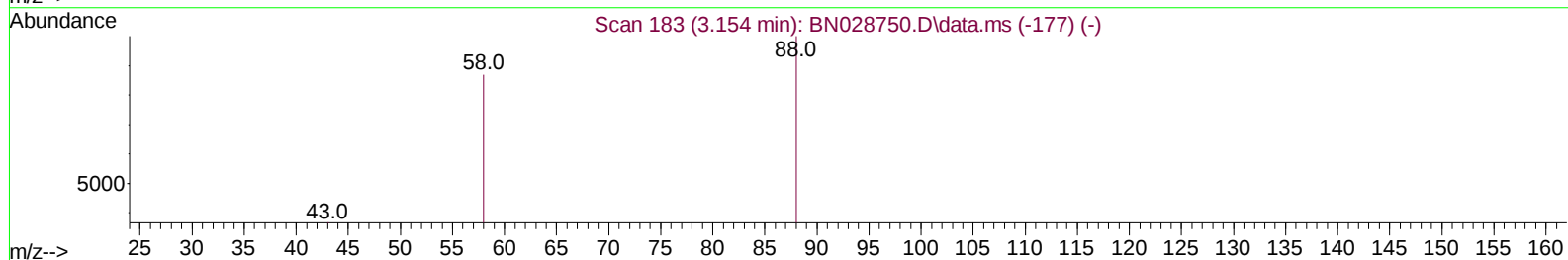
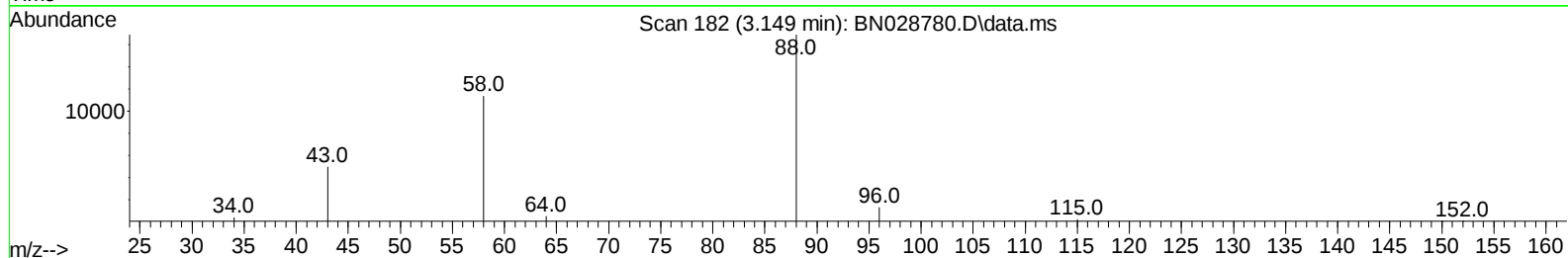
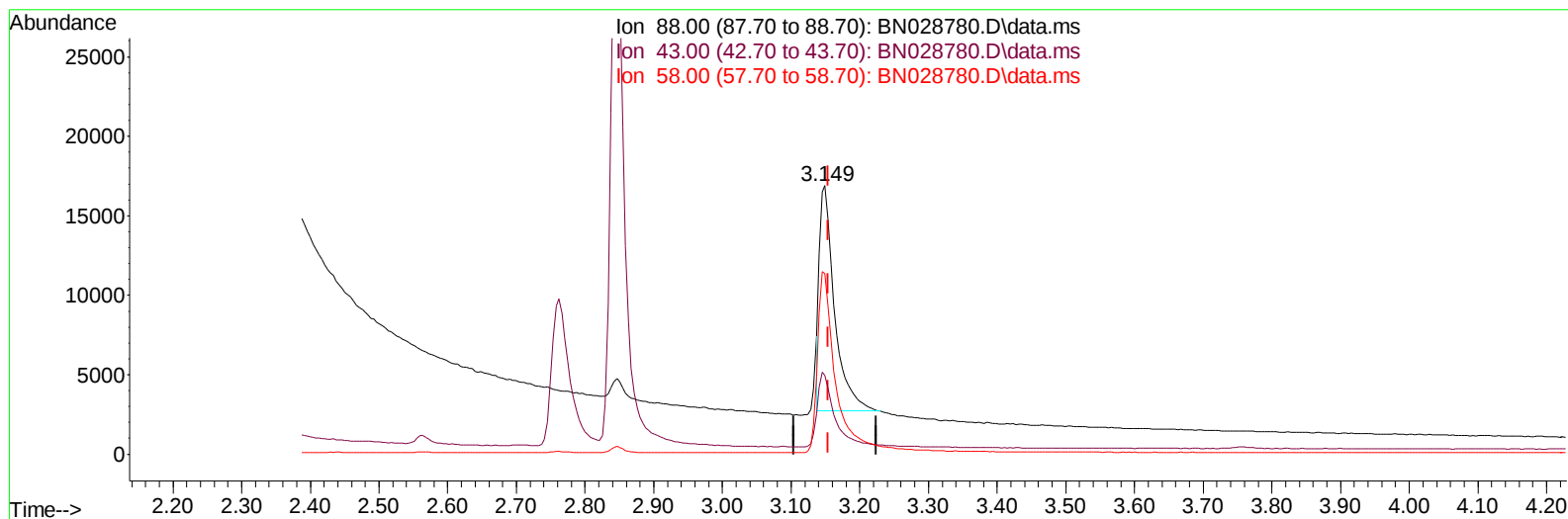
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

(2) 1,4-Dioxane

3.149min (-0.005) 2.16 ng/u1

response 21578

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	29.47#
58.00	52.30	67.39#
0.00	0.00	0.00

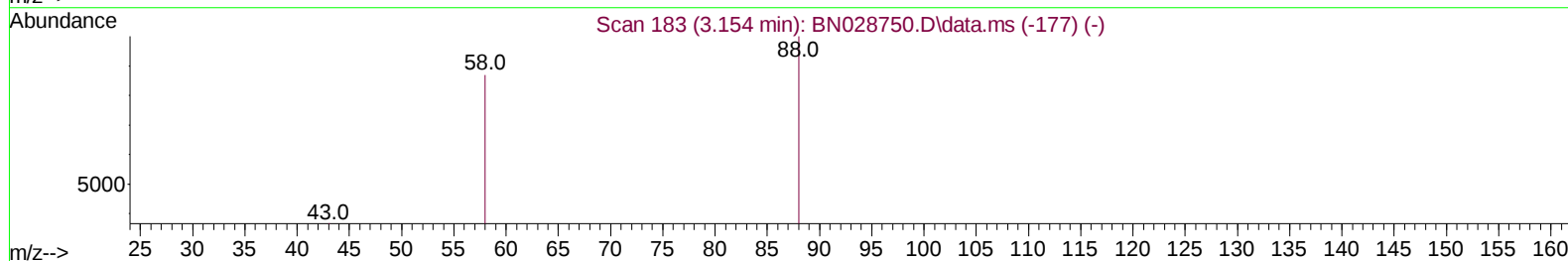
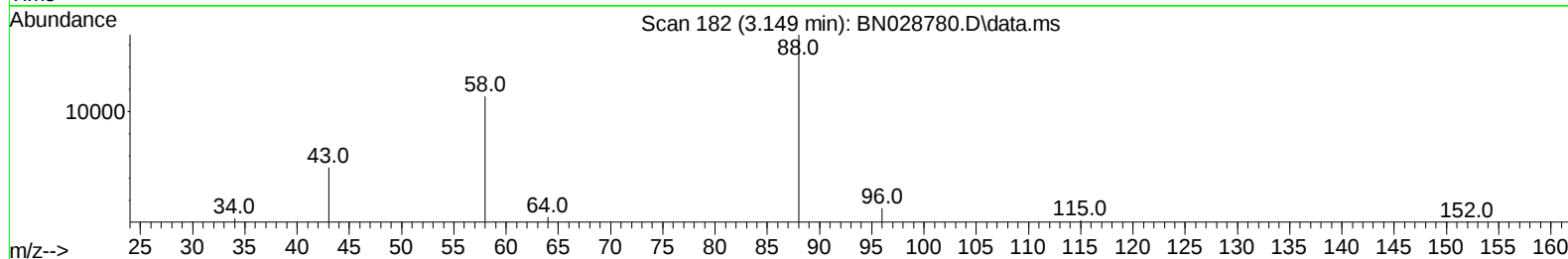
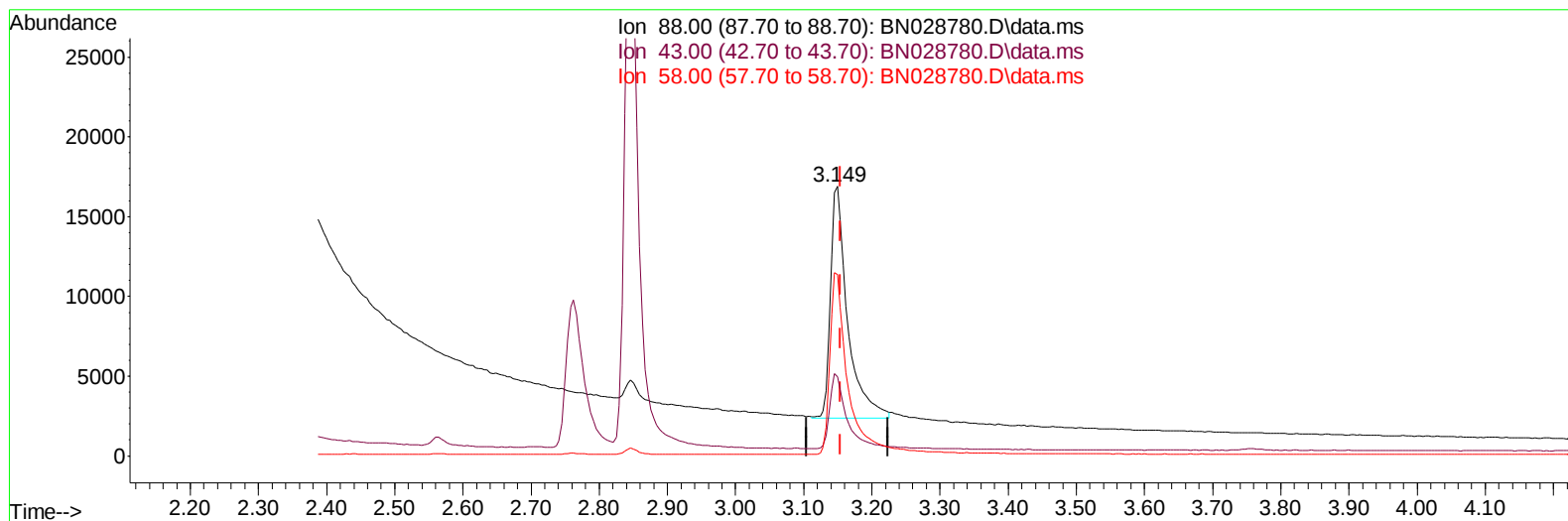
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

(2) 1,4-Dioxane

3.149min (-0.005) 2.52 ng/ul m

response 25233

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	29.47#
58.00	52.30	67.39#
0.00	0.00	0.00

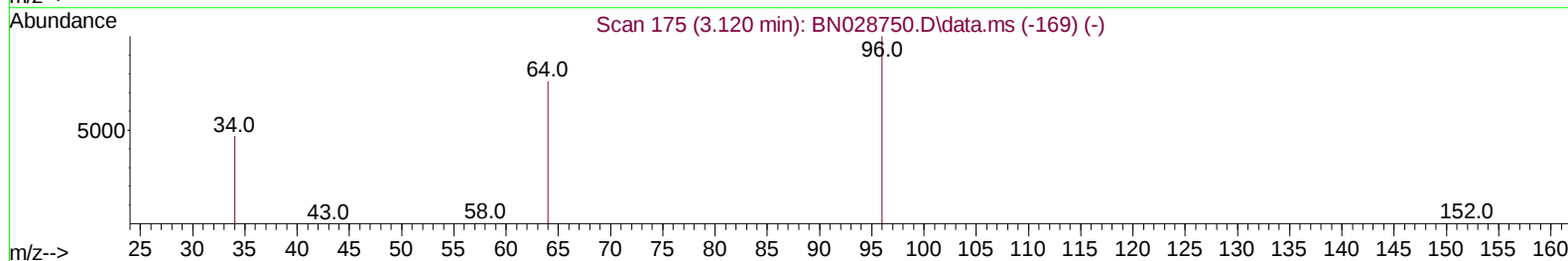
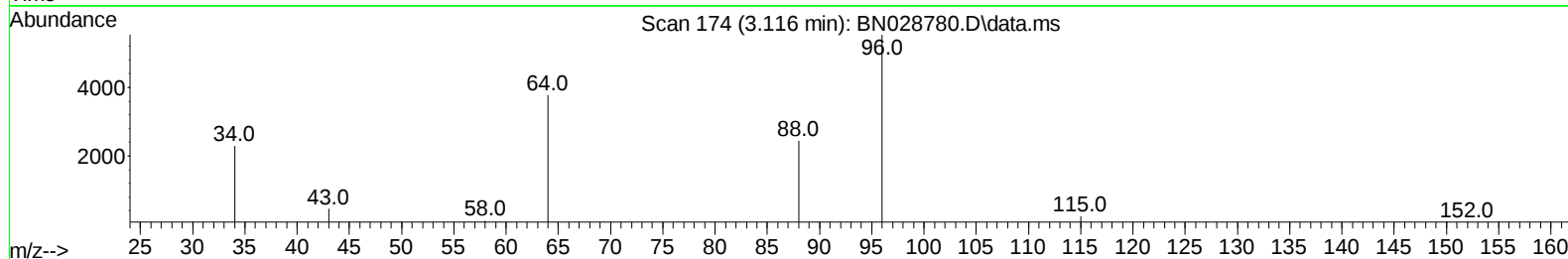
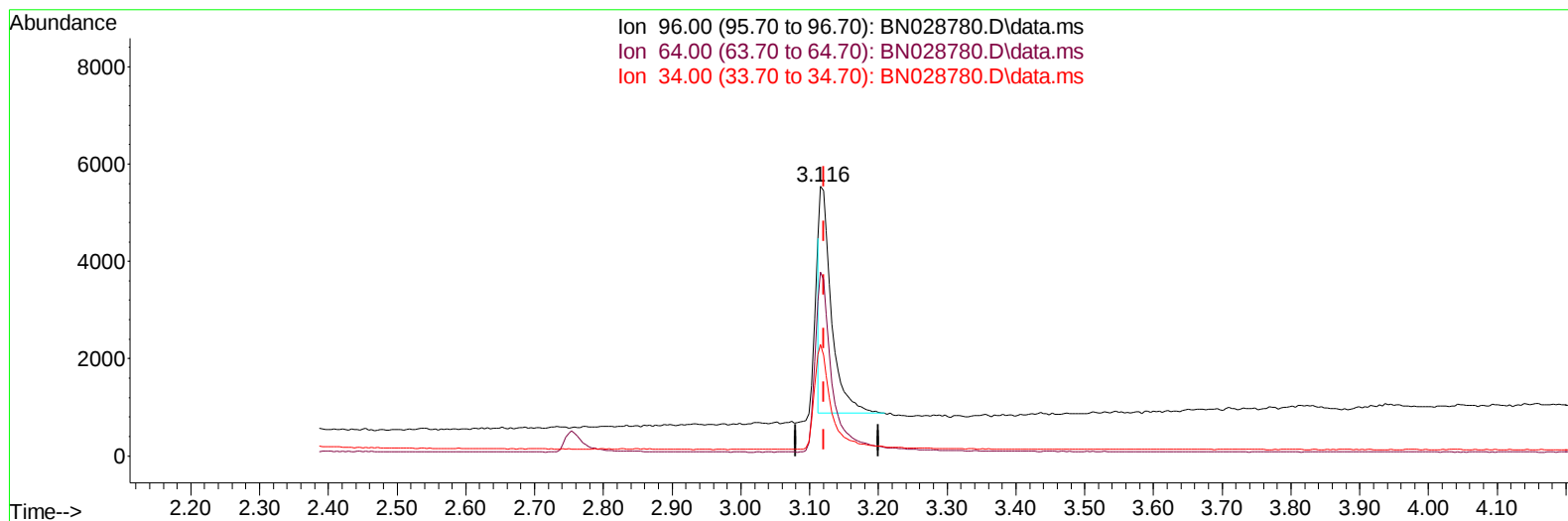
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

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

3.116min (-0.005) 0.63 ng/u1

response 5660

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	68.32
34.00	38.60	41.47
0.00	0.00	0.00

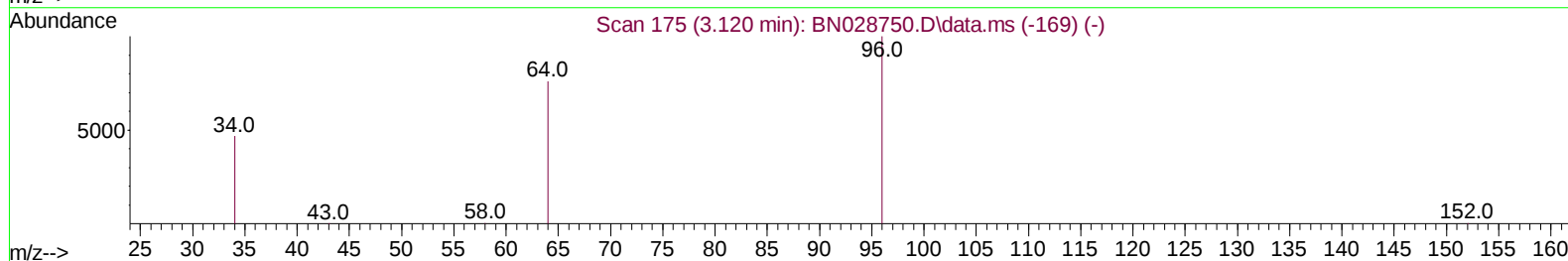
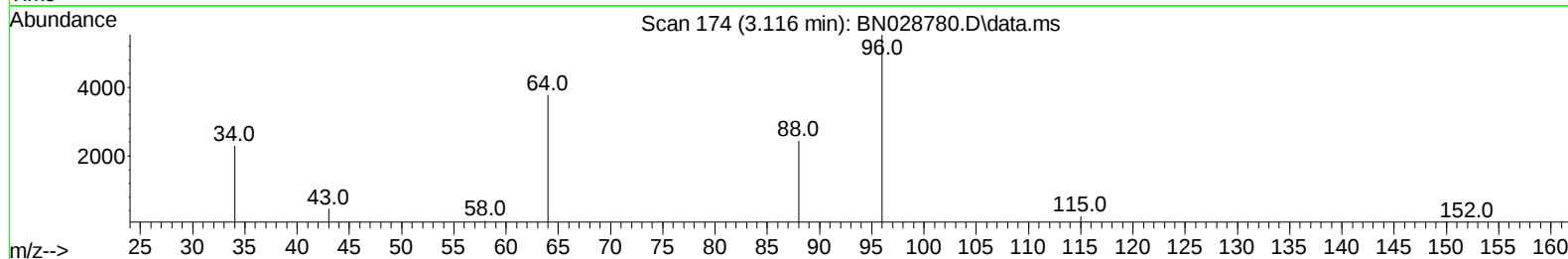
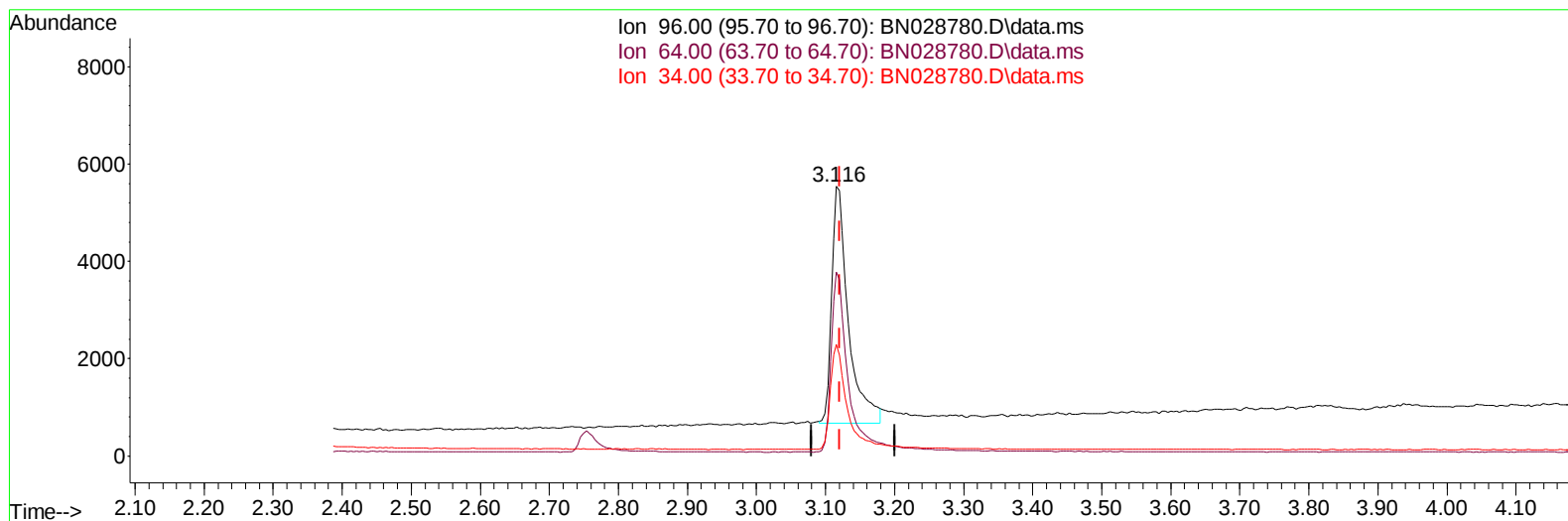
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028780.D
 Acq On : 19 Nov 2023 17:02
 Operator : MA/JU
 Sample : PB157226BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

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

3.116min (-0.005) 0.90 ng/ul m

response 8177

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	68.32
34.00	38.60	41.47
0.00	0.00	0.00

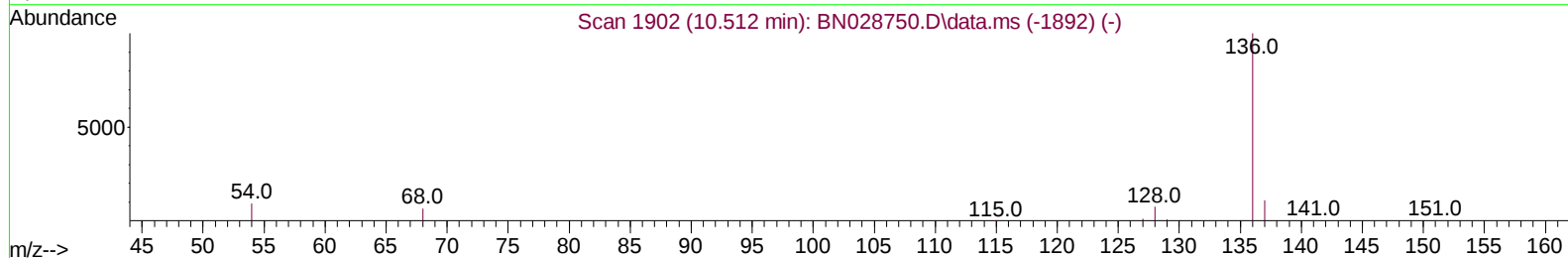
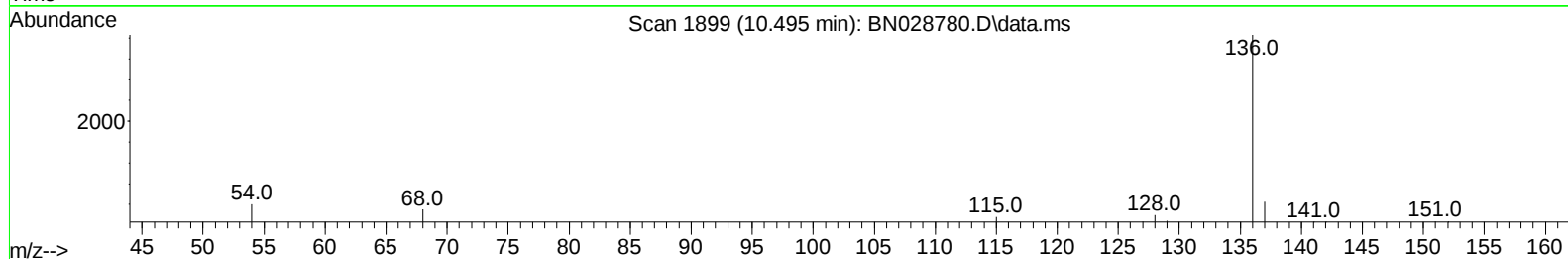
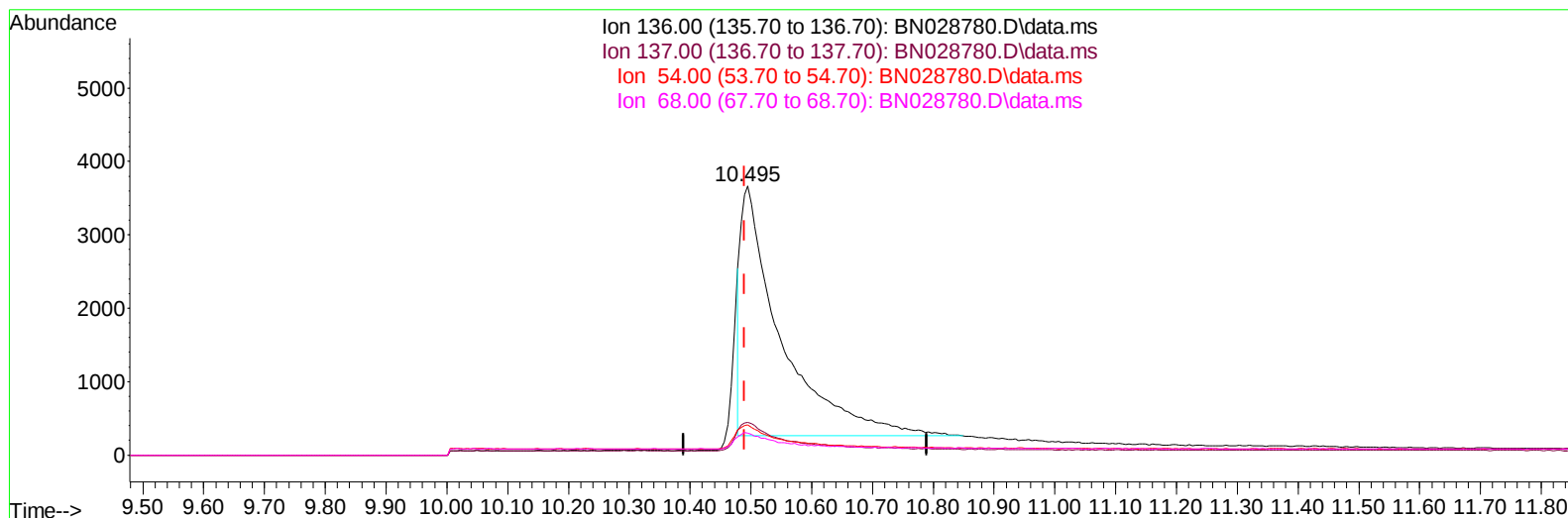
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

(4) Naphthalene-d8 (I)

10.495min (+ 0.005) 0.40 ng/u1

response 15605

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.26
54.00	9.00	11.14#
68.00	7.10	8.27

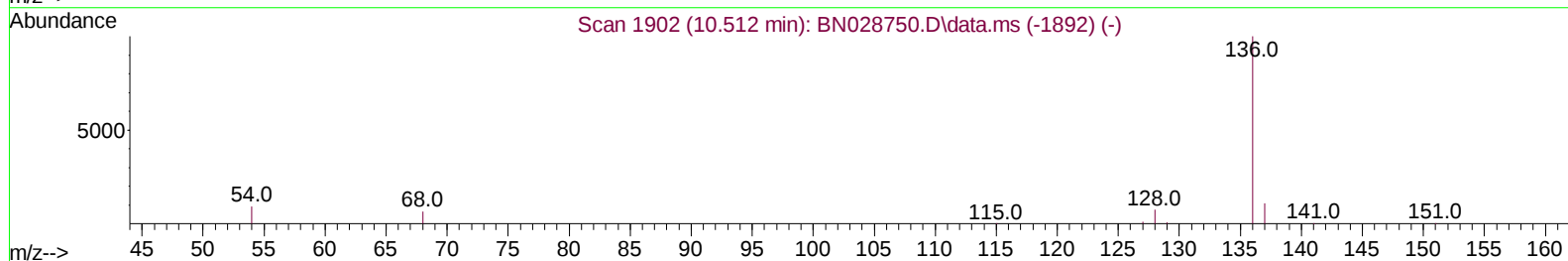
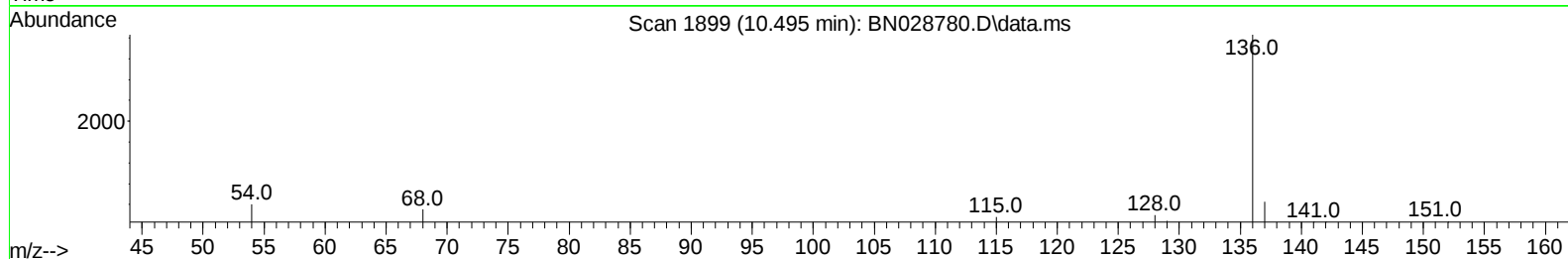
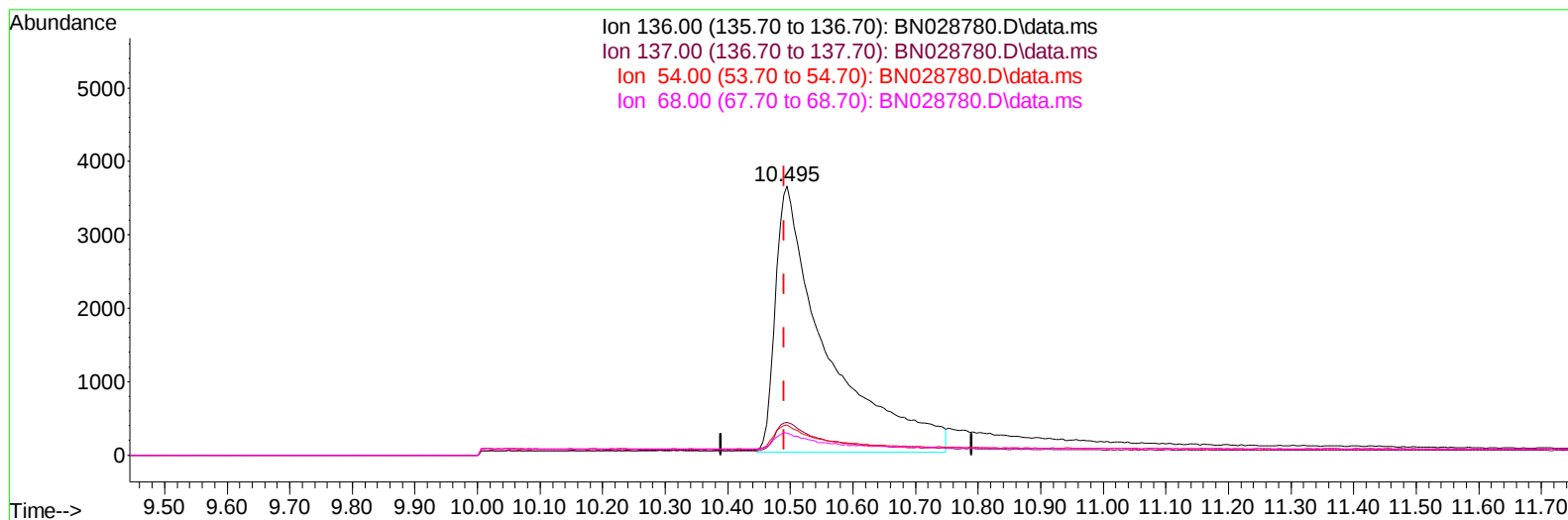
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028780.D
 Acq On : 19 Nov 2023 17:02
 Operator : MA/JU
 Sample : PB157226BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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: BN028780.D\data.ms

(4) Naphthalene-d8 (I)

10.495min (+ 0.005) 0.40 ng/ul m

response 20798

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.26
54.00	9.00	11.14#
68.00	7.10	8.27

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028780.D
 Acq On : 19 Nov 2023 17:02
 Operator : MA/JU
 Sample : PB157226BS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS226

Manual IntegrationsAPPROVED

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

Quant Time: Nov 20 02:18:35 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	8192m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.495	136	20798m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.321	164	13296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	20183	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	16407	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	14904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	8177m	0.903	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	9602	0.307	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	30525	0.578	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.149	88	25233m	2.521	ng/ul	
5) Naphthalene	10.539	128	25209	0.433	ng/ul	98
7) 2-Methylnaphthalene	12.178	142	11197	0.292	ng/ul	98
8) 1-Methylnaphthalene	12.365	142	15859	0.407	ng/ul	99
10) Acenaphthylene	14.043	152	30491	0.459	ng/ul	99
11) Acenaphthene	14.381	153	24801	0.508	ng/ul	99
12) Fluorene	15.390	166	22552	0.397	ng/ul	99
14) Pentachlorophenol	16.735	266	4542	0.938	ng/ul	98
15) Phenanthrene	17.124	178	34455	0.556	ng/ul	98
16) Anthracene	17.233	178	20165	0.355	ng/ul	97
19) Fluoranthene	19.146	202	40933	0.587	ng/ul	99
20) Pyrene	19.508	202	45891	0.635	ng/ul	96
21) Benzo(a)anthracene	21.278	228	25365	0.391	ng/ul	99
22) Chrysene	21.328	228	33820	0.533	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	28766	0.514	ng/ul	93
25) Benzo(k)fluoranthene	22.929	252	35032	0.598	ng/ul	97
26) Benzo(a)pyrene	23.479	252	29786	0.564	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.921	276	35896	0.613	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.948	278	27317	0.583	ng/ul	97
29) Benzo(g,h,i)perylene	26.625	276	31762	0.661	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028780.D
Acq On : 19 Nov 2023 17:02
Operator : MA/JU
Sample : PB157226BS
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:18:35 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

