

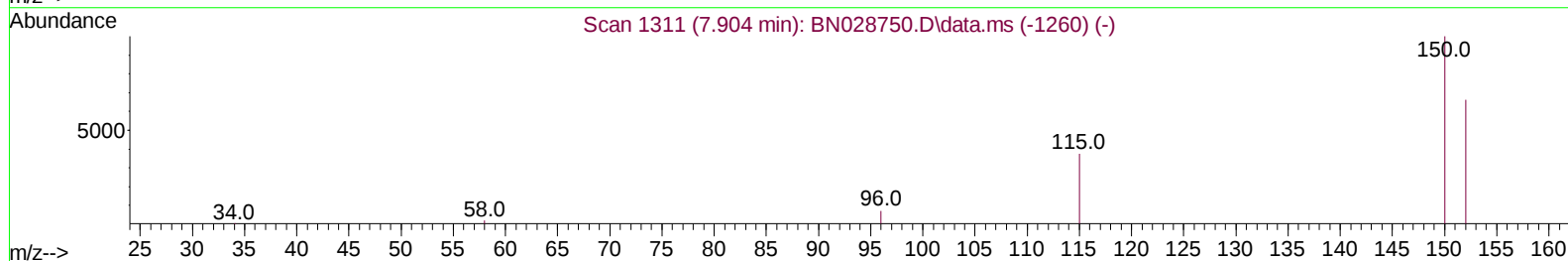
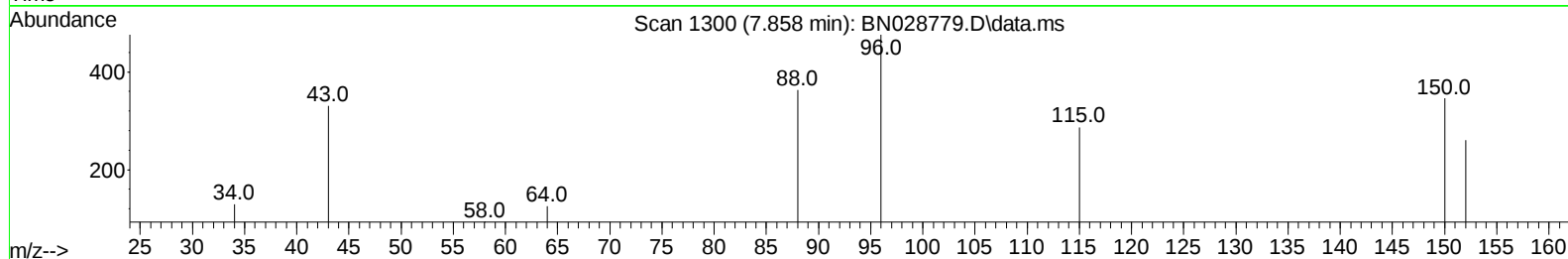
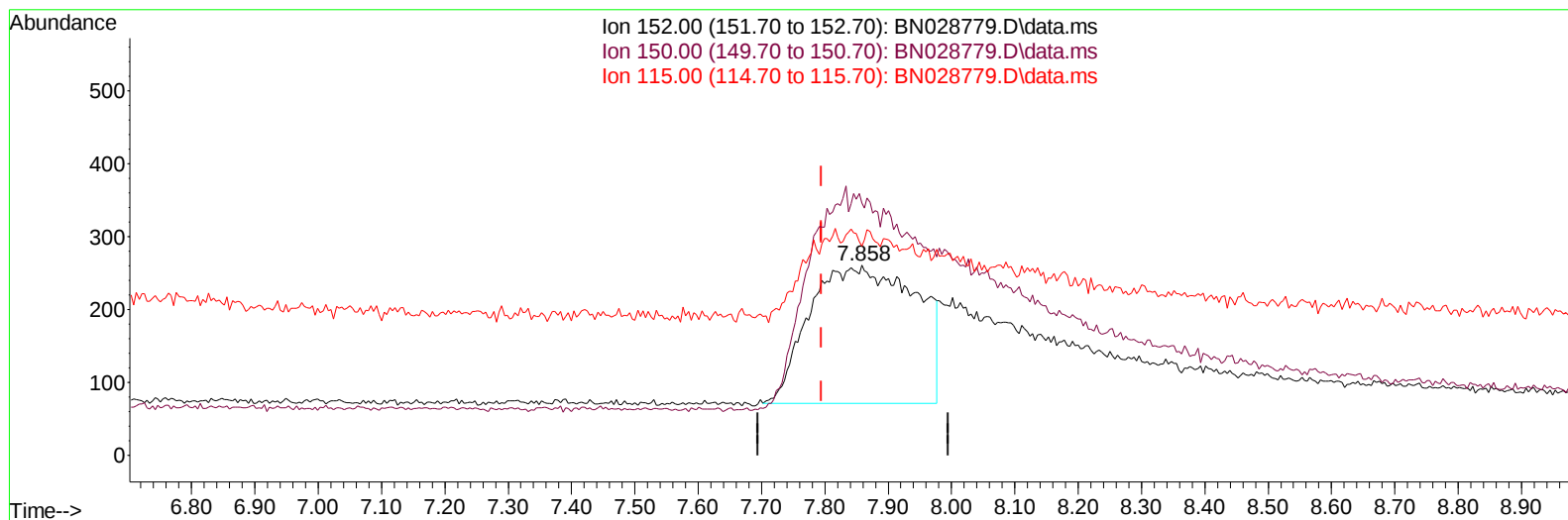
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

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

7.858min (+ 0.063) 0.40 ng/u1

response 2213

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.57
115.00	62.20	109.96#
0.00	0.00	0.00

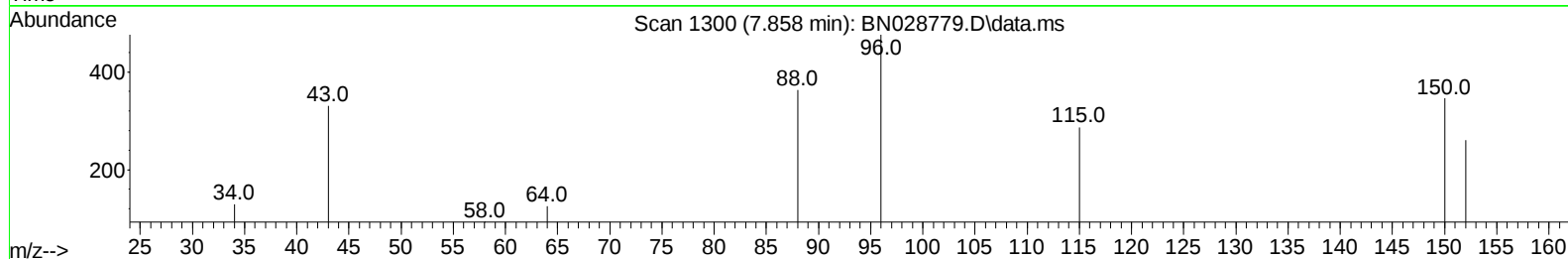
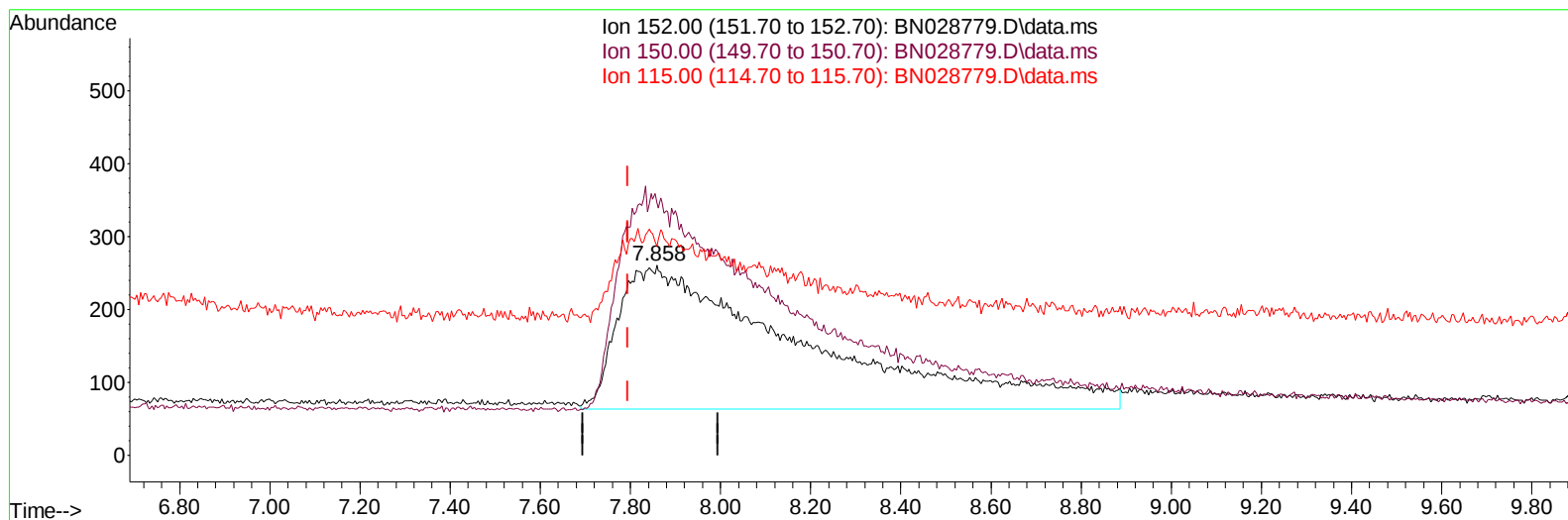
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

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

7.858min (+ 0.063) 0.40 ng/ul m

response 5780

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	132.57
115.00	62.20	109.96#
0.00	0.00	0.00

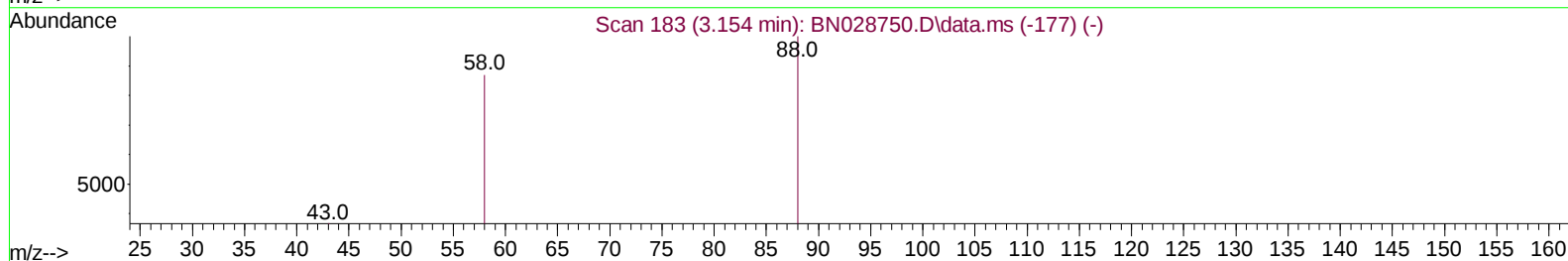
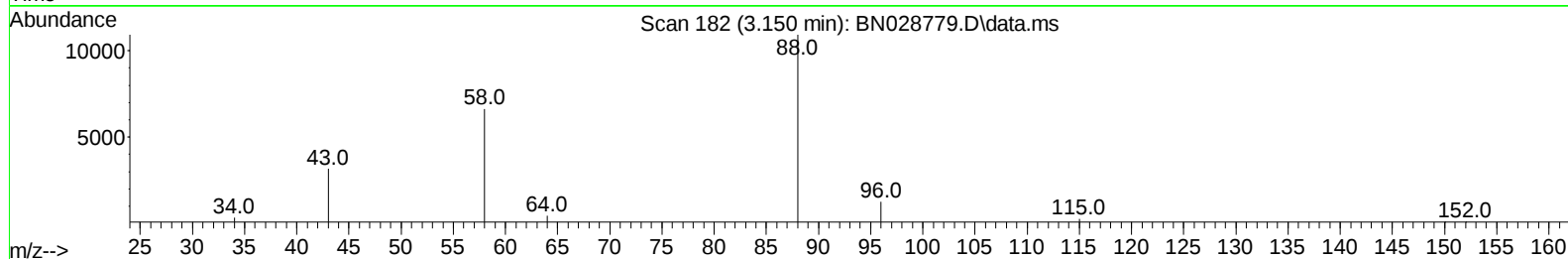
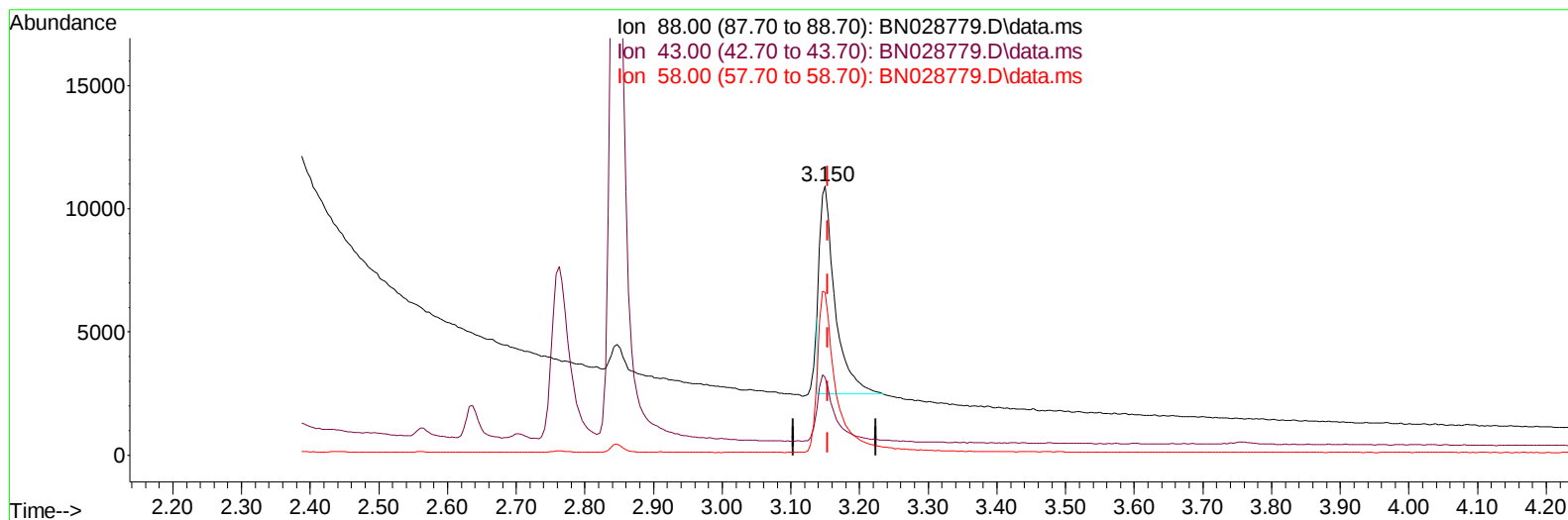
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 1.87 ng/u1

response 13195

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.86#
58.00	52.30	60.55
0.00	0.00	0.00

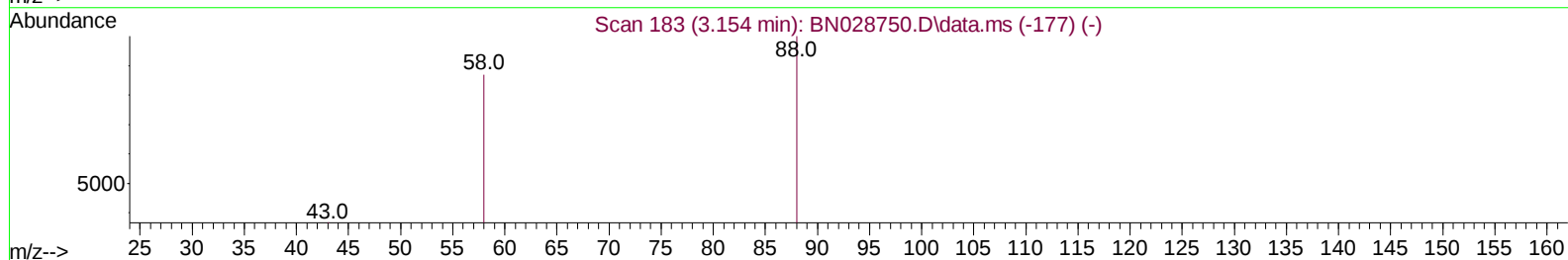
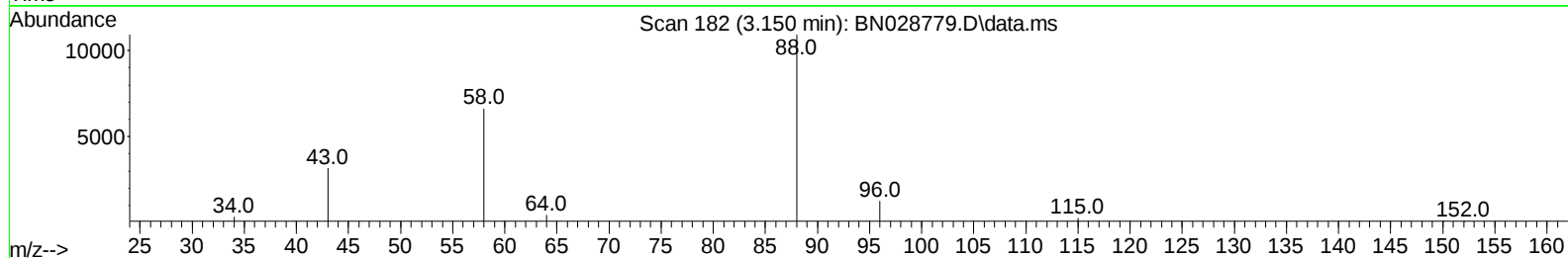
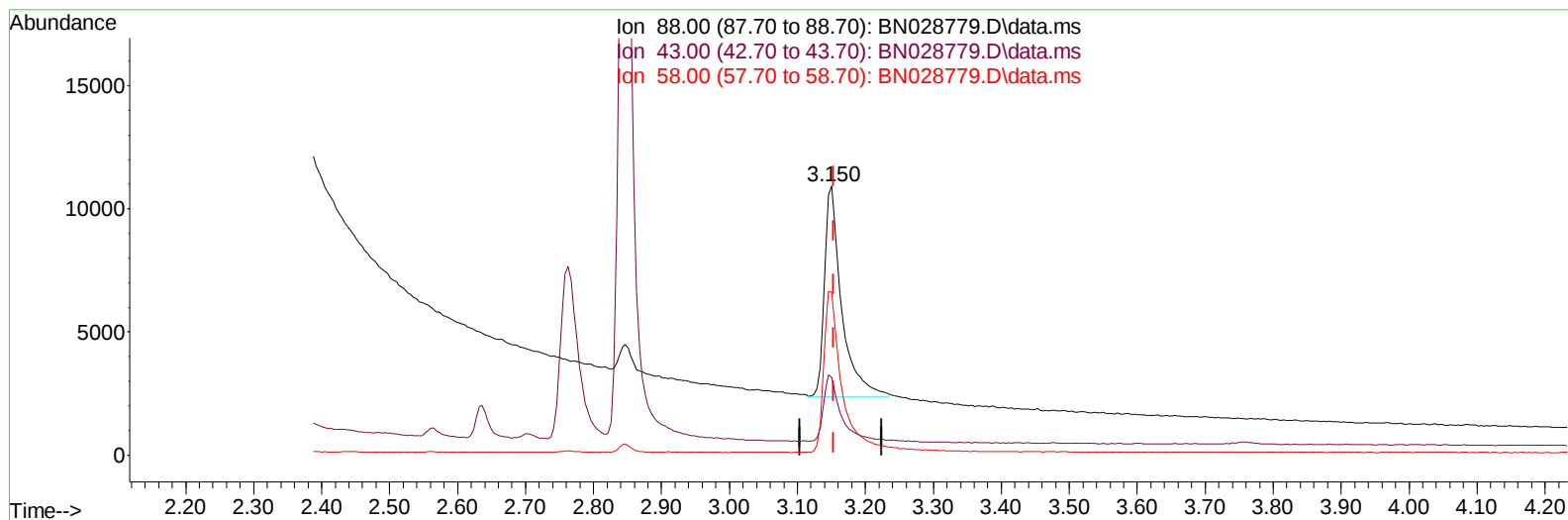
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

(2) 1,4-Dioxane

3.150min (-0.004) 2.14 ng/ul m

response 15092

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.86#
58.00	52.30	60.55
0.00	0.00	0.00

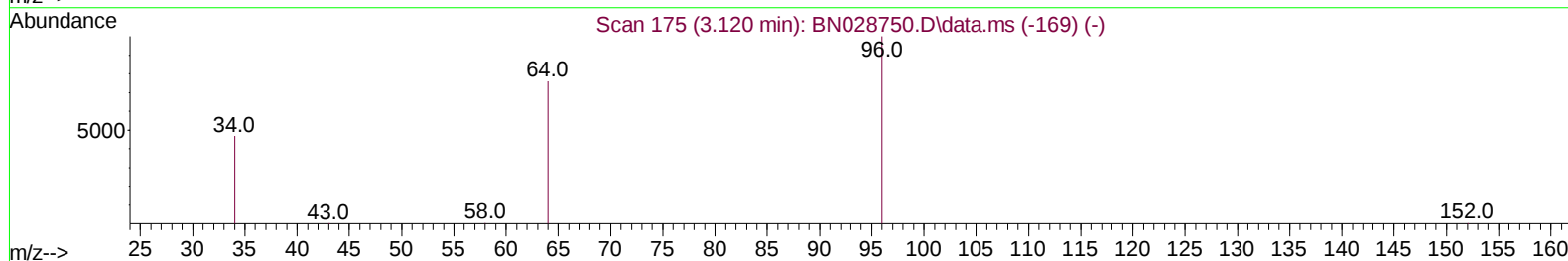
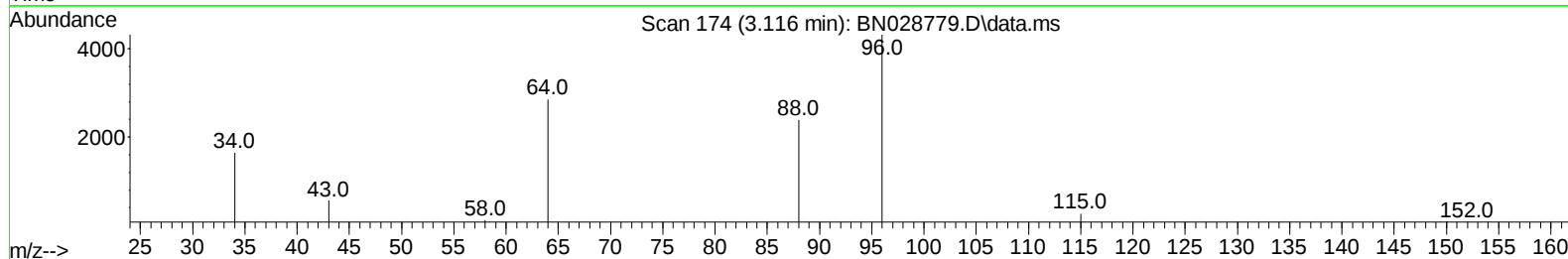
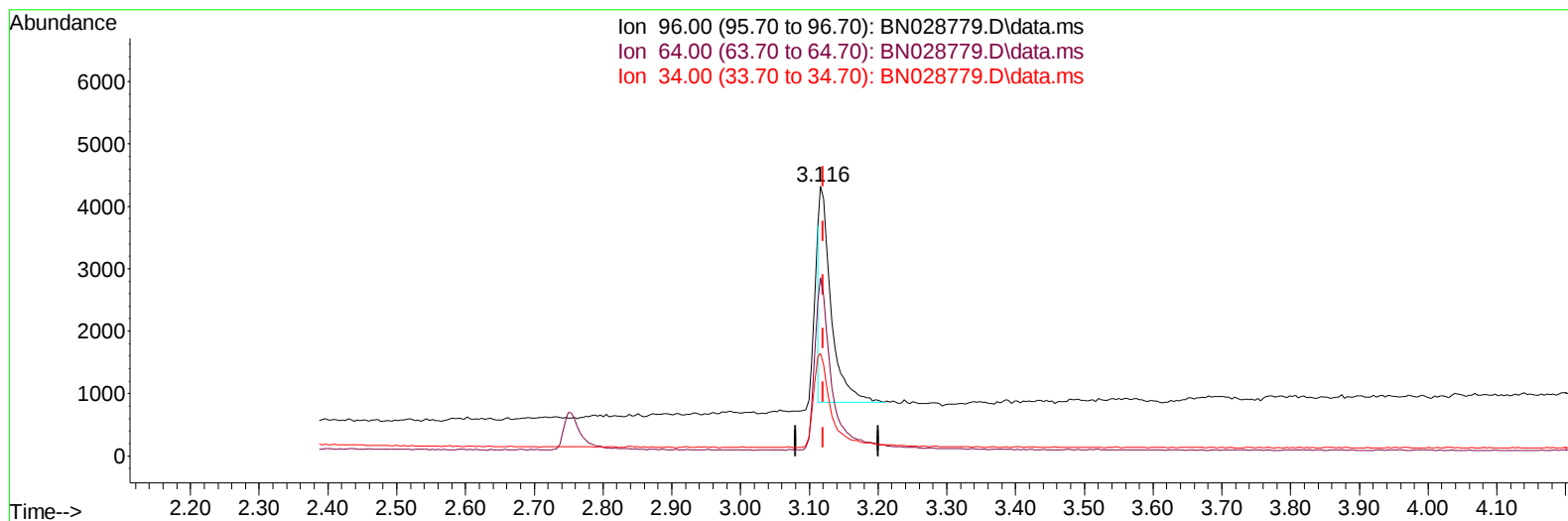
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

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

3.116min (-0.004) 0.64 ng/u1

response 4098

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	66.12
34.00	38.60	38.10
0.00	0.00	0.00

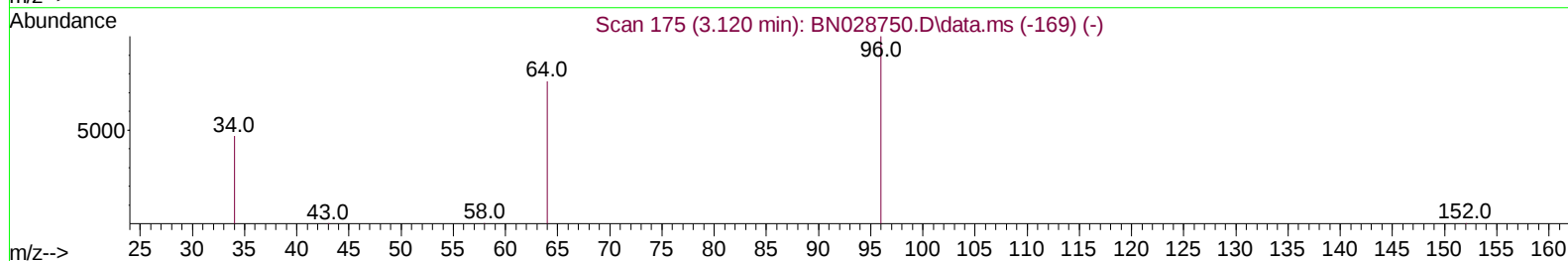
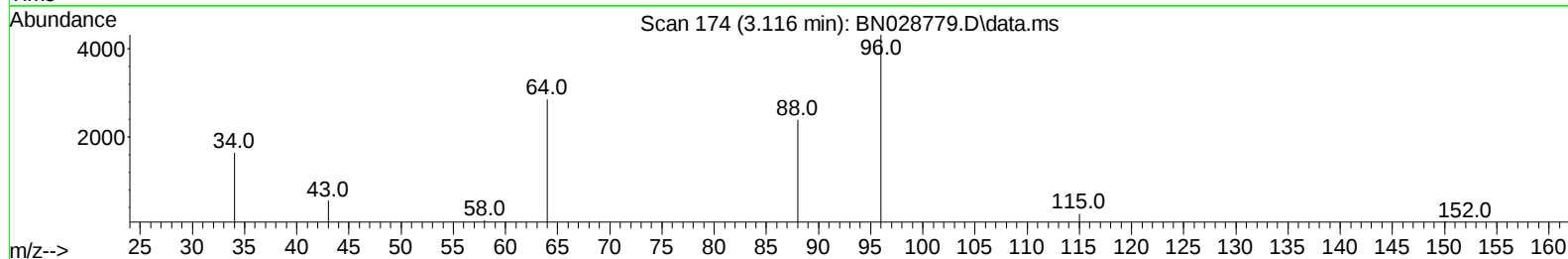
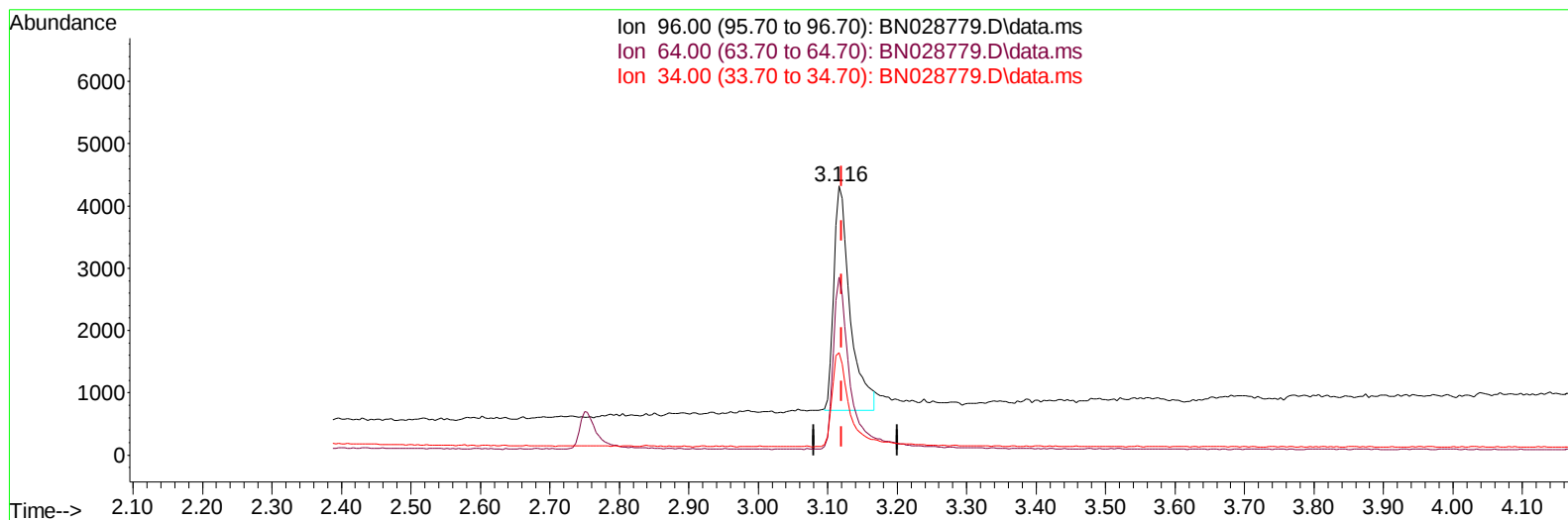
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

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

3.116min (-0.004) 0.92 ng/ul m

response 5897

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	66.12
34.00	38.60	38.10
0.00	0.00	0.00

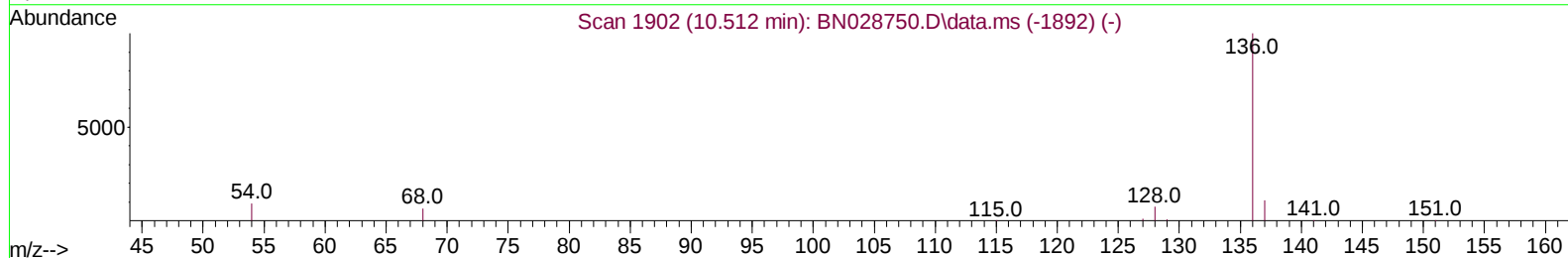
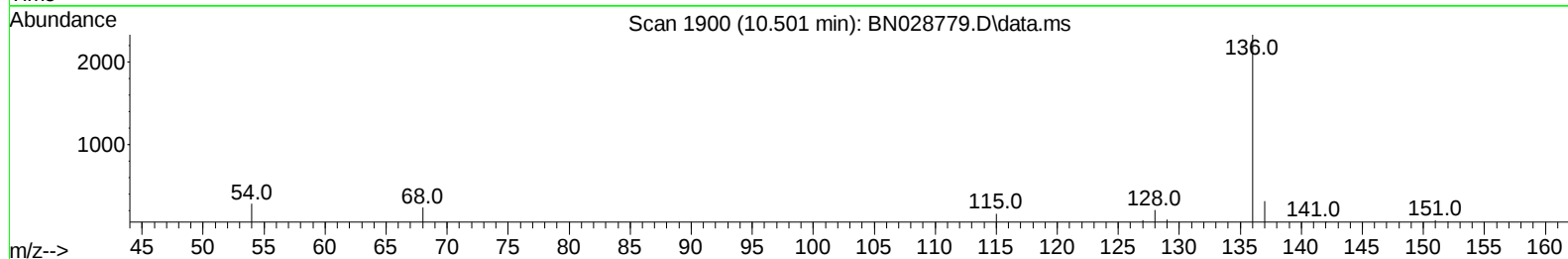
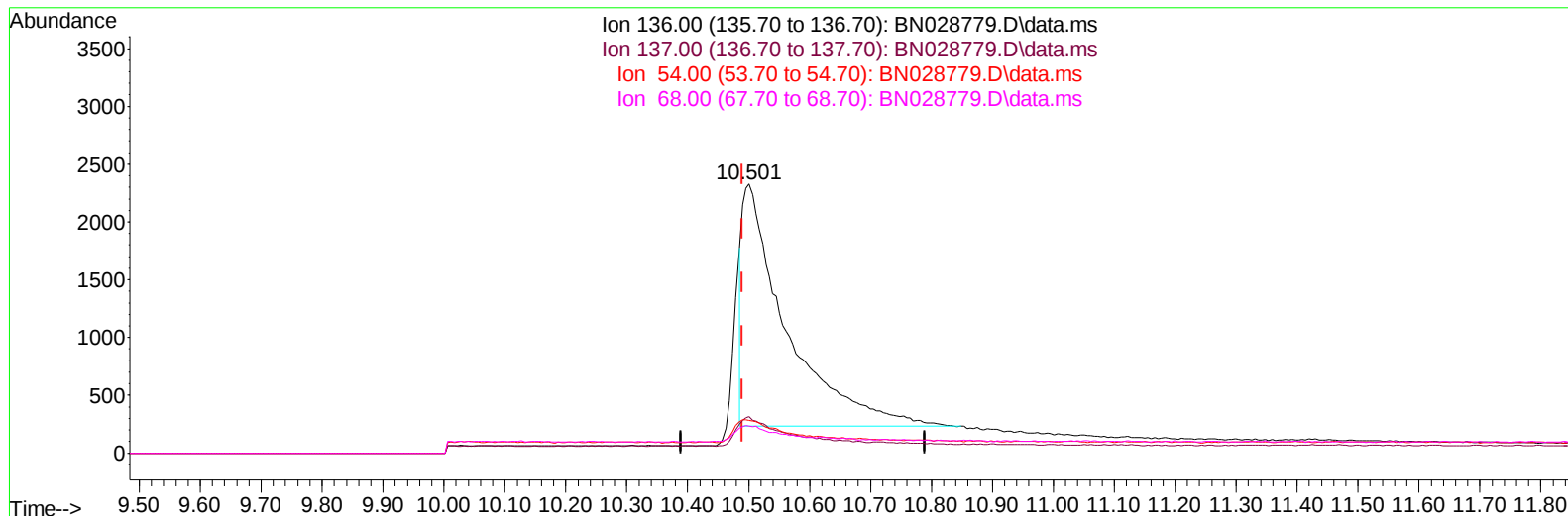
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

(4) Naphthalene-d8 (I)

10.501min (+ 0.011) 0.40 ng/u1

response 10582

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.54#
54.00	9.00	12.12#
68.00	7.10	10.10#

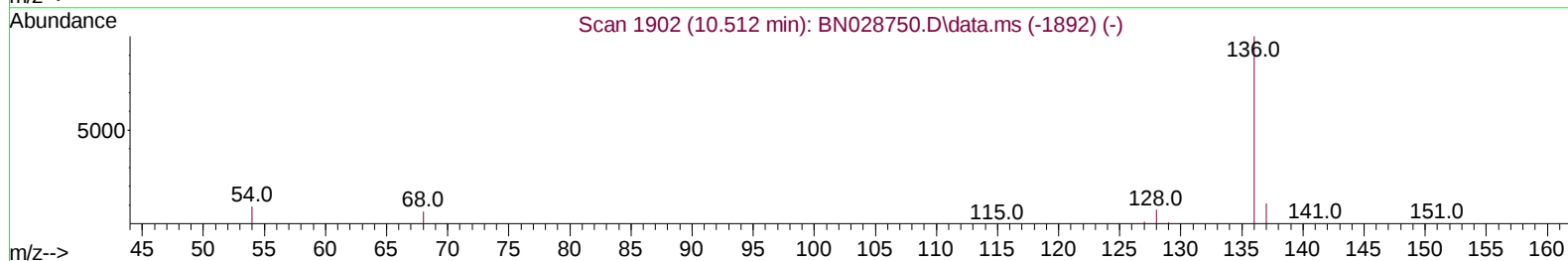
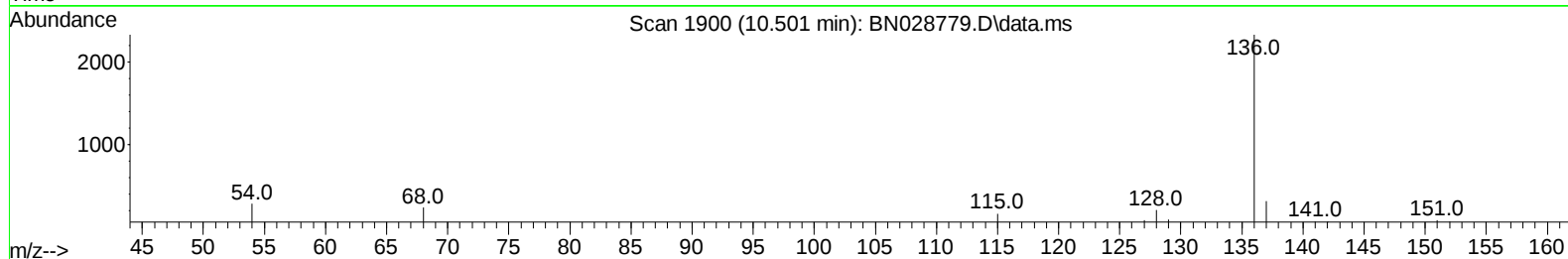
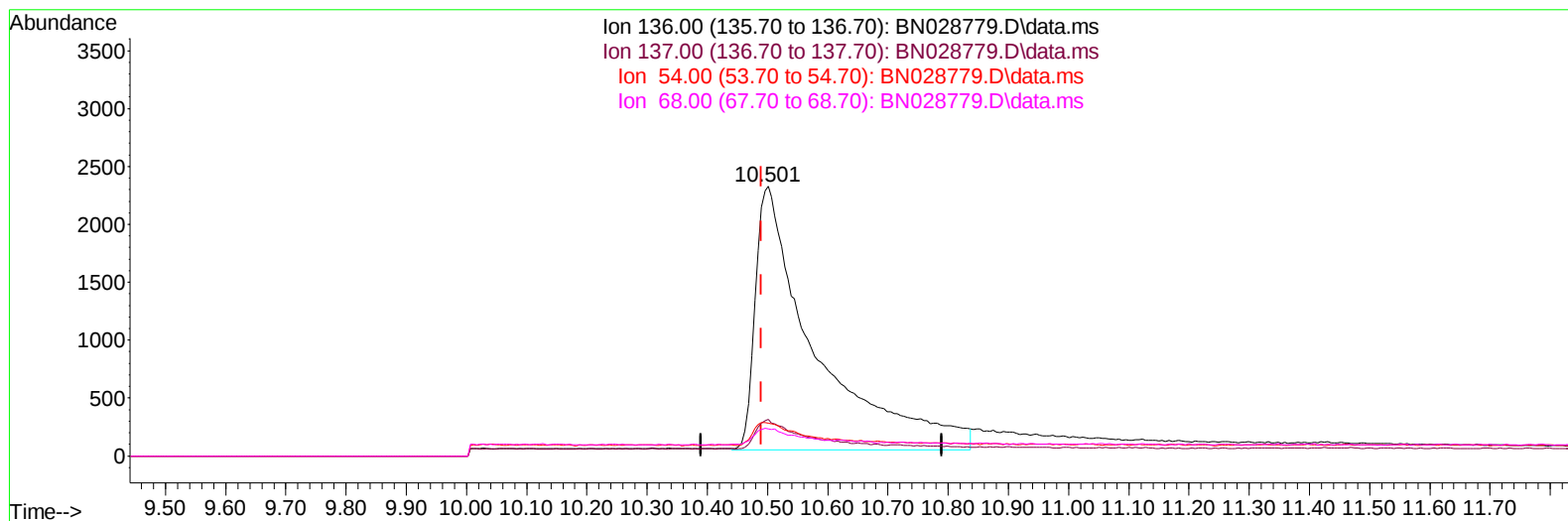
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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: BN028779.D\data.ms

(4) Naphthalene-d8 (I)

10.501min (+ 0.011) 0.40 ng/ul m

response 15800

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.54#
54.00	9.00	12.12#
68.00	7.10	10.10#

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028779.D
 Acq On : 19 Nov 2023 16:26
 Operator : MA/JU
 Sample : PB157268BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS268

Manual IntegrationsAPPROVED

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

Quant Time: Nov 20 02:15:20 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	7.858	152	5780m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.501	136	15800m	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.321	164	10242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	14508	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.293	240	12111	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	11869	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	5897m	0.923	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	7675	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	23599	0.606	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	15092m	2.137	ng/ul	
5) Naphthalene	10.545	128	16322	0.369	ng/ul	96
7) 2-Methylnaphthalene	12.184	142	7478	0.256	ng/ul	97
8) 1-Methylnaphthalene	12.365	142	11557	0.390	ng/ul	98
10) Acenaphthylene	14.048	152	20018	0.392	ng/ul	98
11) Acenaphthene	14.381	153	17079	0.454	ng/ul	98
12) Fluorene	15.394	166	15220	0.348	ng/ul	98
14) Pentachlorophenol	16.739	266	2878	0.827	ng/ul	100
15) Phenanthrene	17.128	178	22497	0.505	ng/ul	98
16) Anthracene	17.242	178	13441	0.329	ng/ul	96
19) Fluoranthene	19.145	202	26912	0.522	ng/ul	98
20) Pyrene	19.508	202	30595	0.573	ng/ul	96
21) Benzo(a)anthracene	21.284	228	15823	0.330	ng/ul	98
22) Chrysene	21.331	228	21309	0.455	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	19307	0.433	ng/ul	86
25) Benzo(k)fluoranthene	22.932	252	23295	0.499	ng/ul#	90
26) Benzo(a)pyrene	23.482	252	19883	0.473	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.927	276	25136	0.539	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.954	278	19020	0.510	ng/ul	95
29) Benzo(g,h,i)perylene	26.628	276	22419	0.586	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028779.D
Acq On : 19 Nov 2023 16:26
Operator : MA/JU
Sample : PB157268BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS268

Manual IntegrationsAPPROVED

Quant Time: Nov 20 02:15:20 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

