

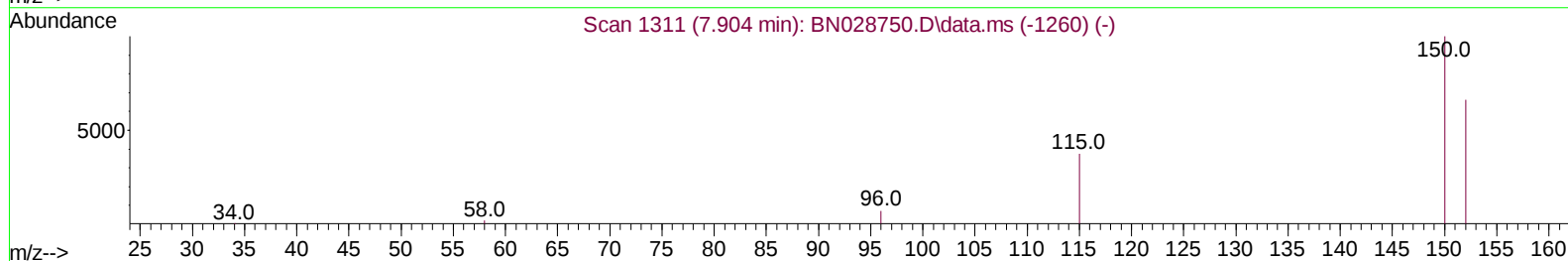
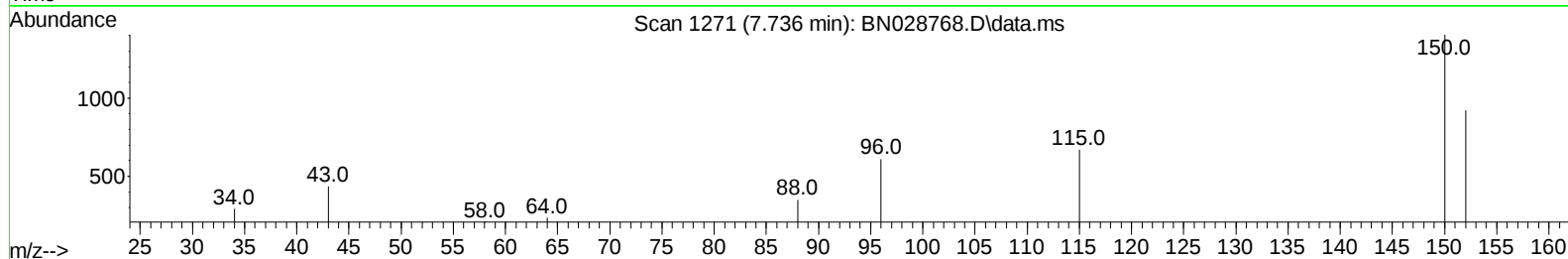
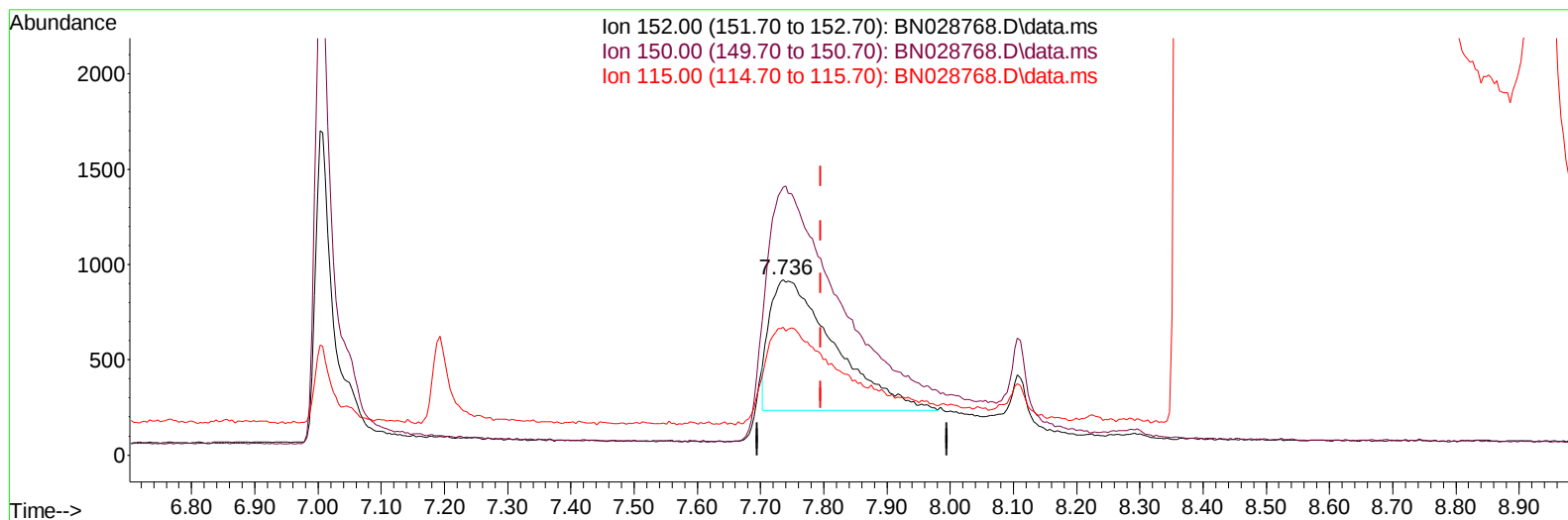
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

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

7.736min (-0.059) 0.40 ng/u1

response 4914

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	152.55
115.00	62.20	72.64
0.00	0.00	0.00

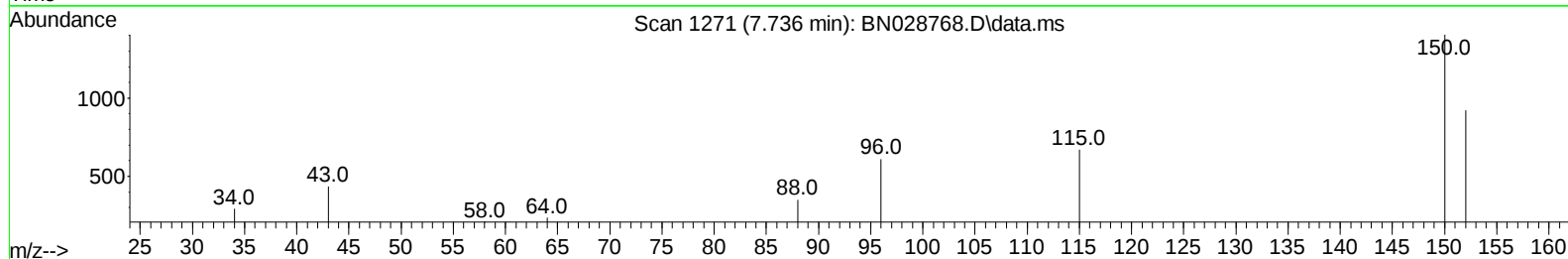
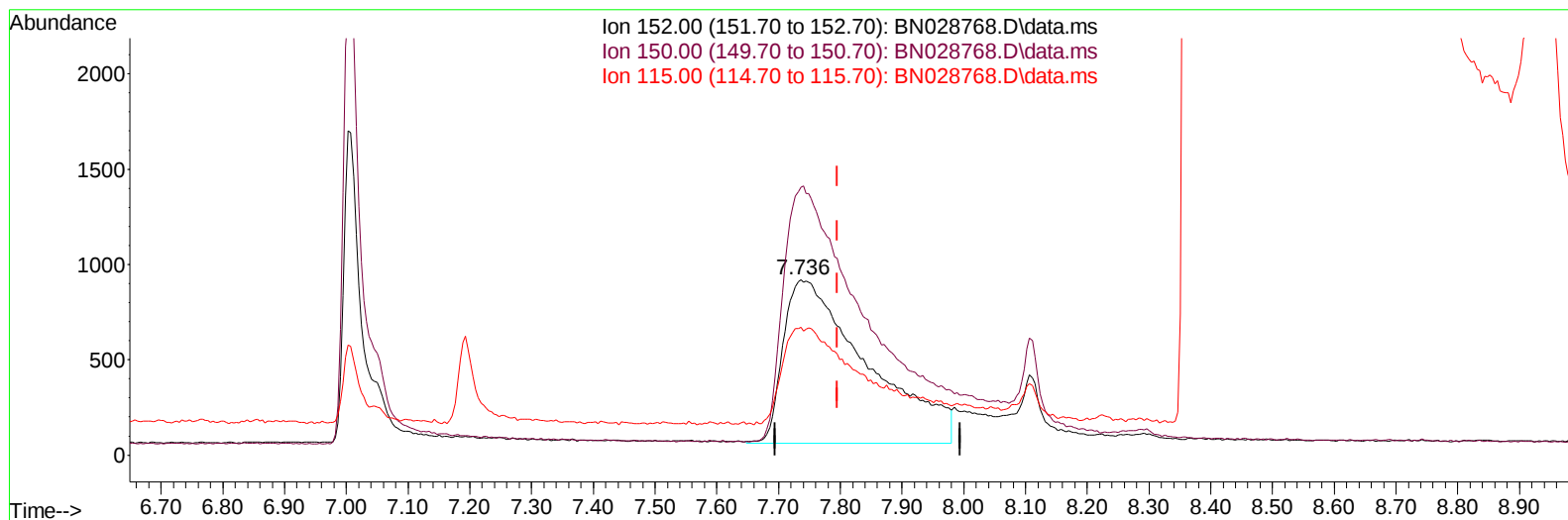
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

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

7.736min (-0.059) 0.40 ng/ul m

response 8112

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	152.55
115.00	62.20	72.64
0.00	0.00	0.00

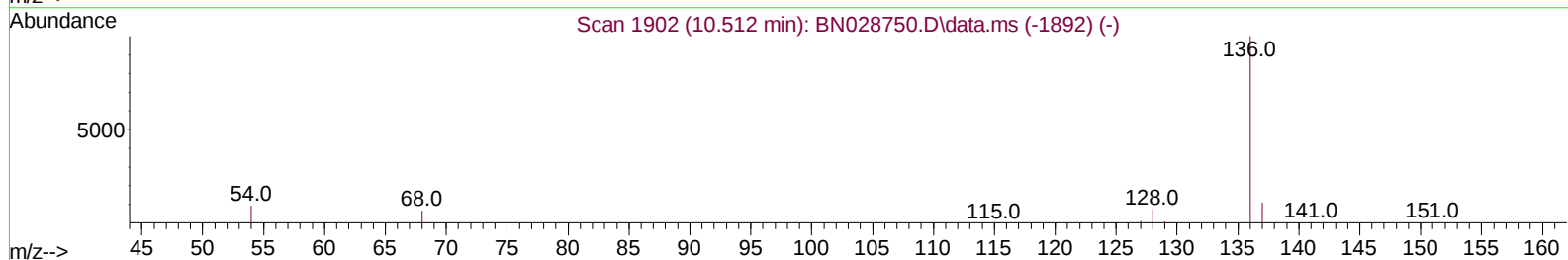
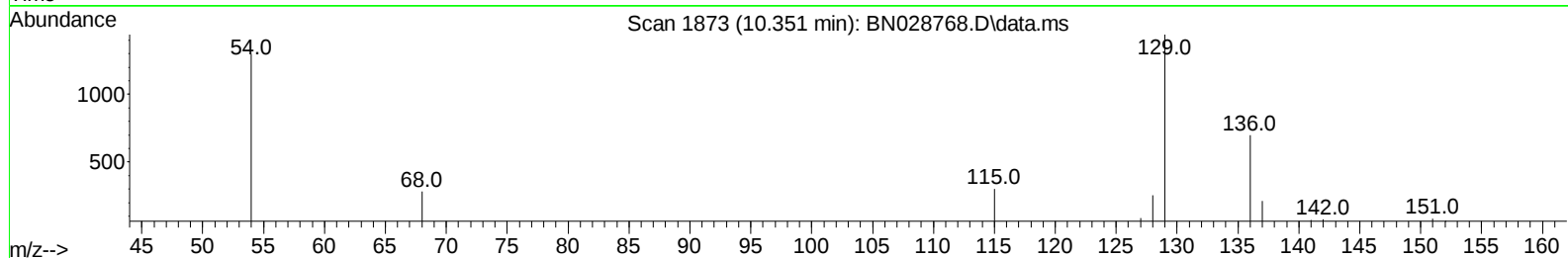
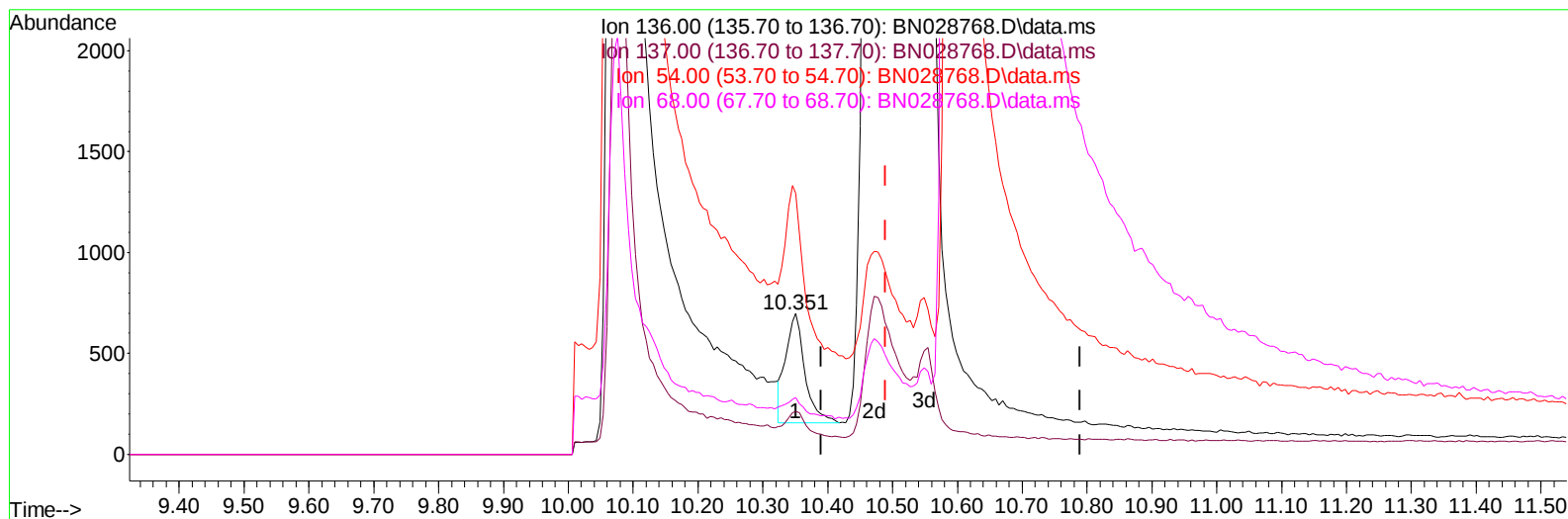
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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Reviewed By :Yogesh Patel 11/20/2023
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TIC: BN028768.D\data.ms

(4) Naphthalene-d8 (I)

10.351min (-0.139) 0.40 ng/u1

response 1105

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	30.52#
54.00	9.00	185.67#
68.00	7.10	40.40#

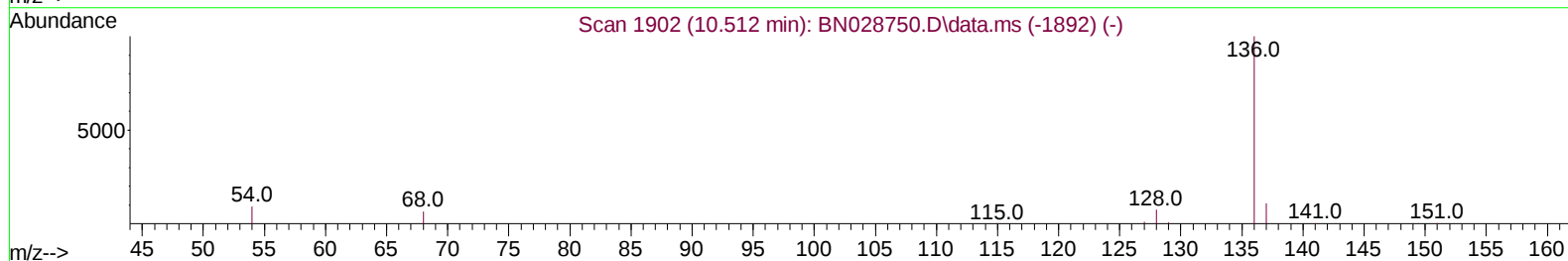
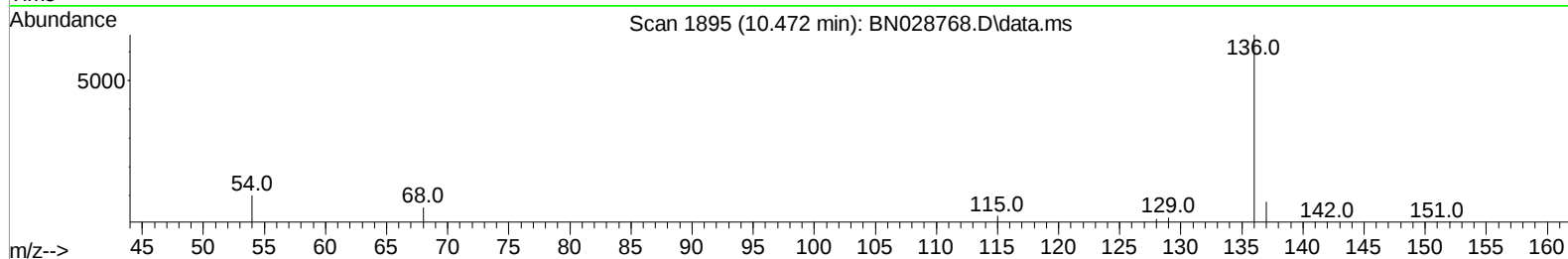
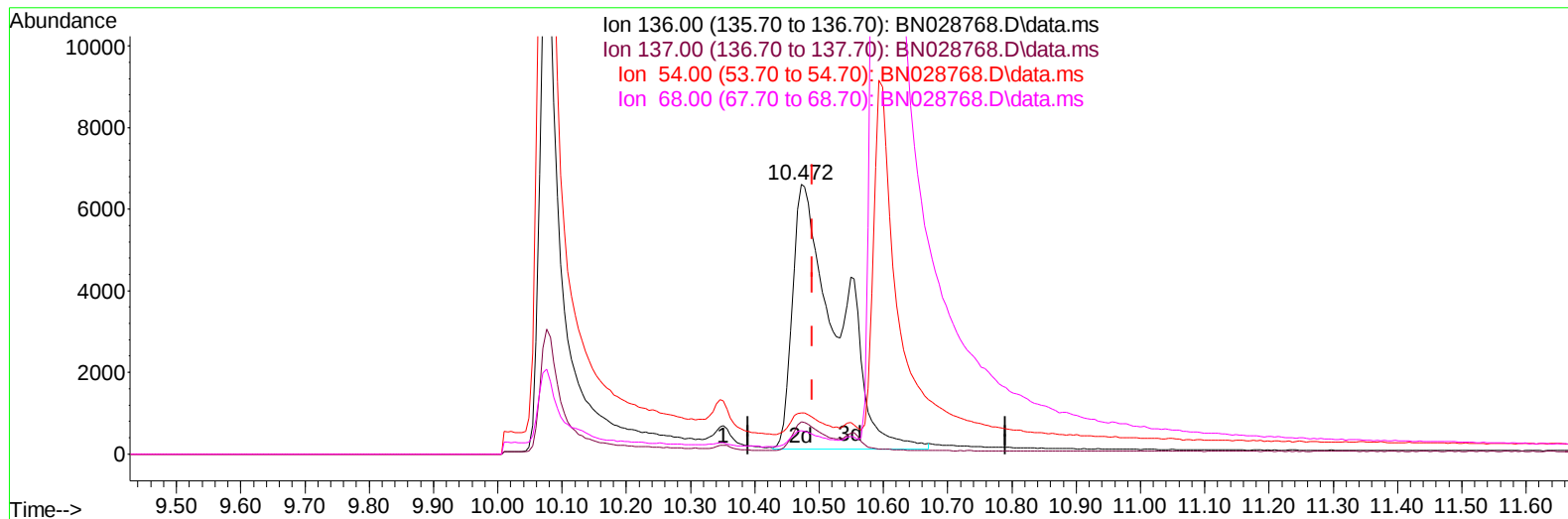
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(4) Naphthalene-d8 (I)

10.472min (-0.018) 0.40 ng/ul m

response 31480

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.86
54.00	9.00	15.23#
68.00	7.10	8.69#

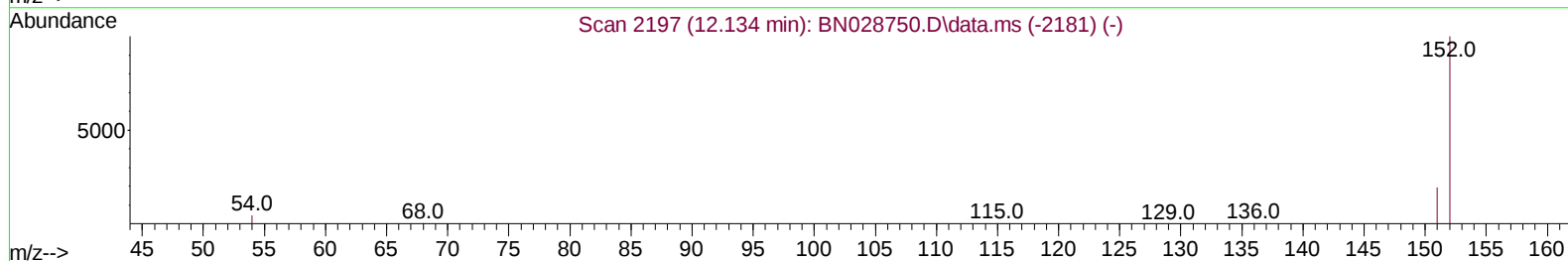
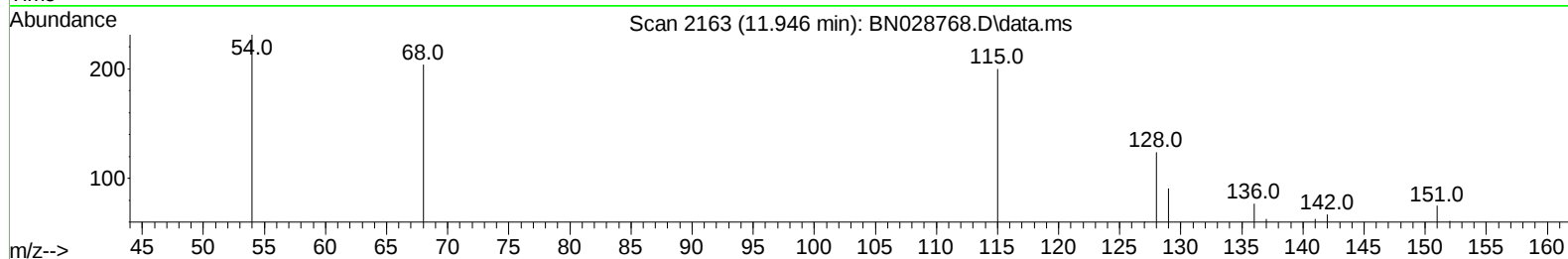
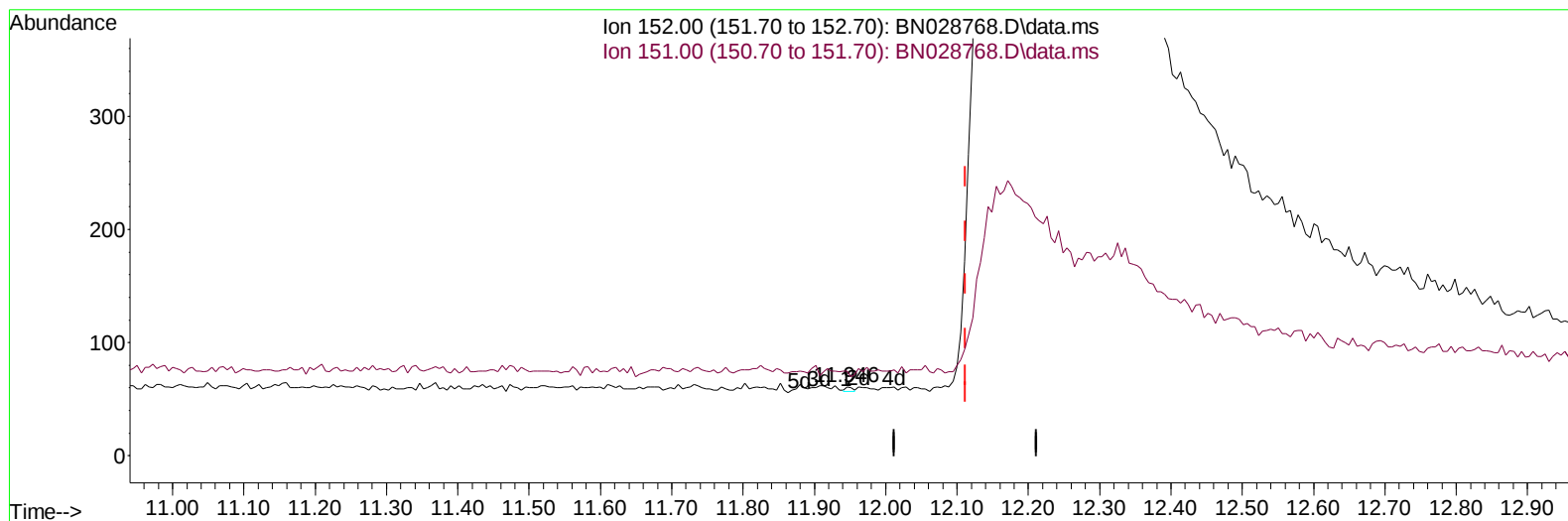
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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Reviewed By :Yogesh Patel 11/20/2023
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TIC: BN028768.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.946min (-0.166) 0.00 ng/u1

response 3

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

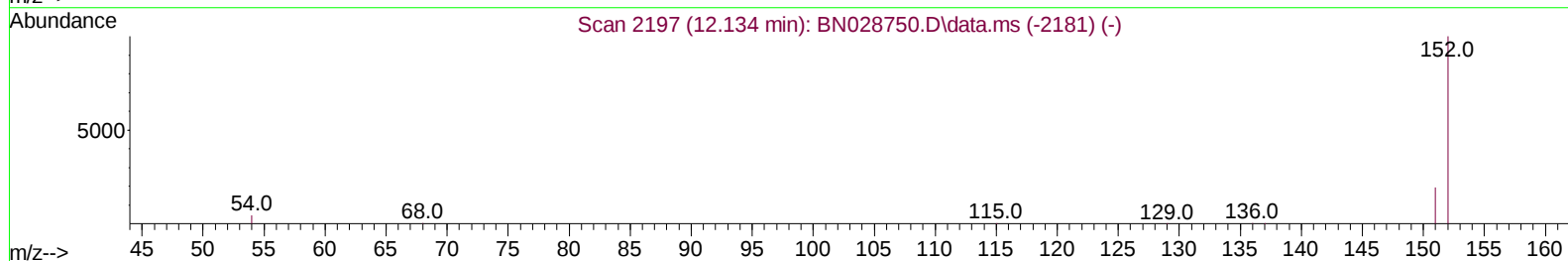
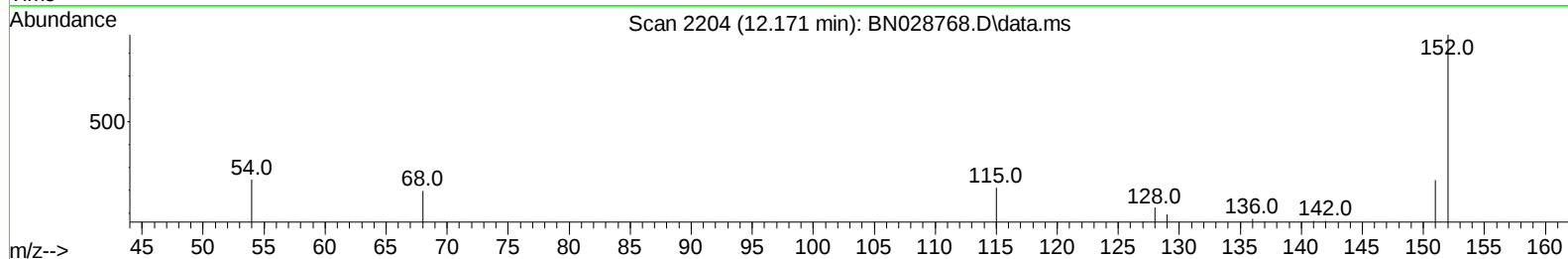
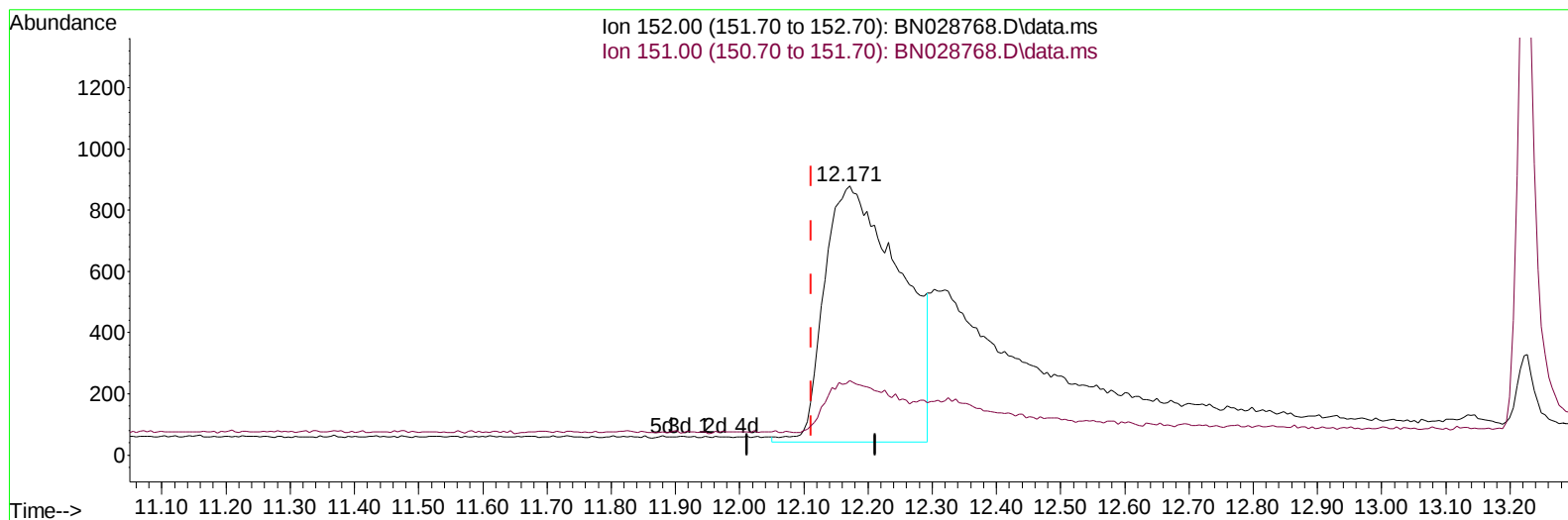
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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TIC: BN028768.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.171min (+ 0.059) 0.15 ng/ul m

response 6886

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

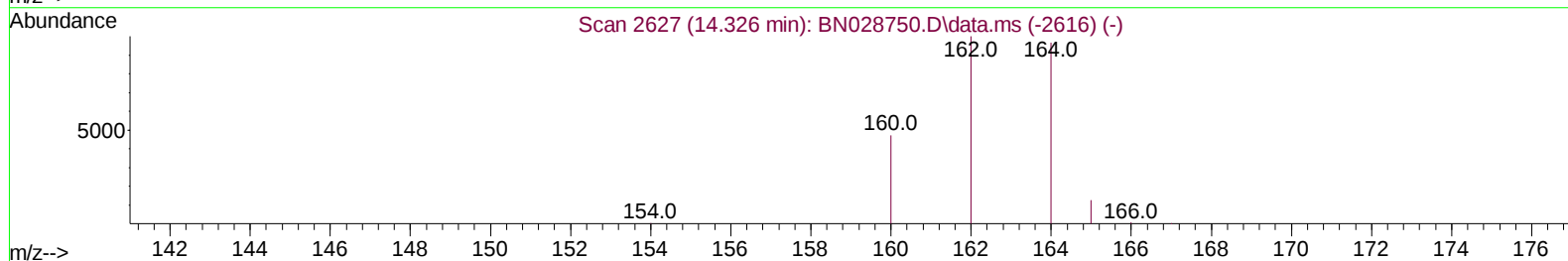
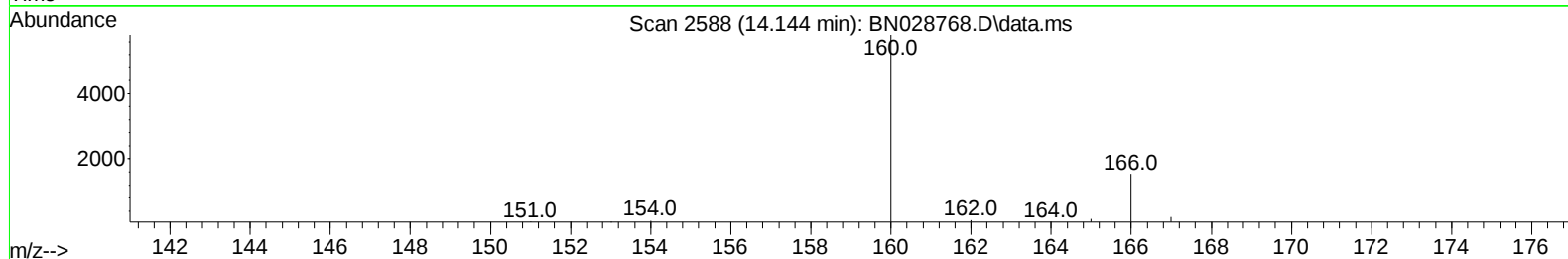
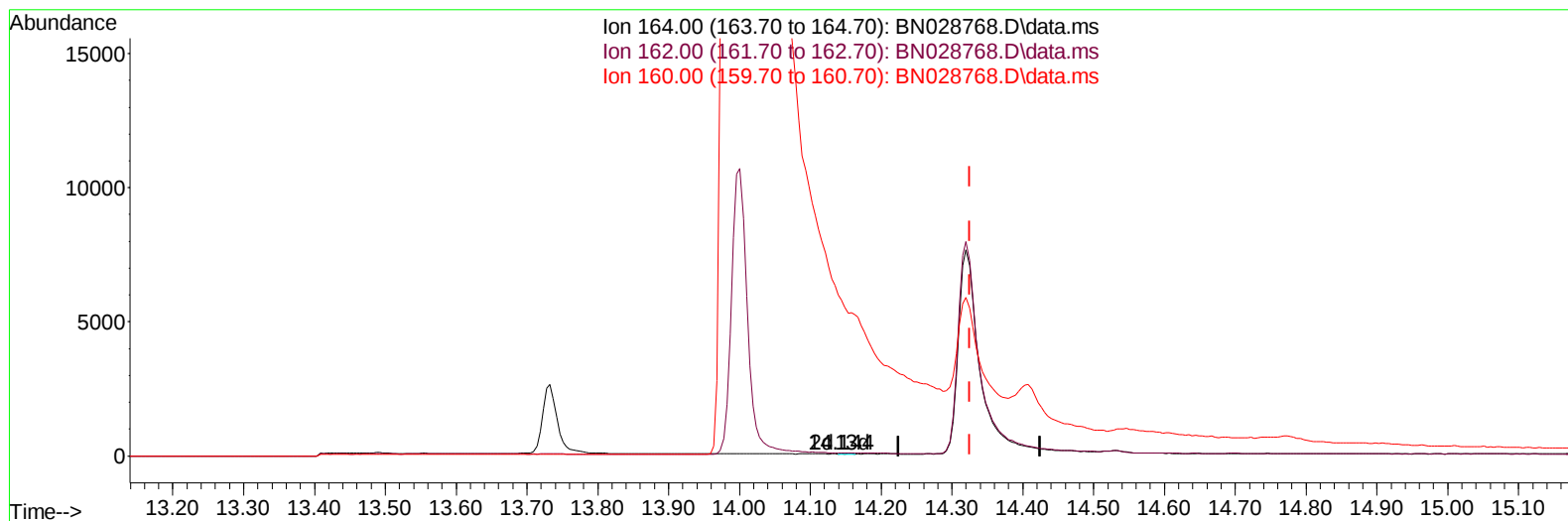
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(9) Acenaphthene-d10 (I)

14.144min (-0.181) 0.40 ng/u1

response 3

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	155.26#
160.00	49.20	7636.84#
0.00	0.00	0.00

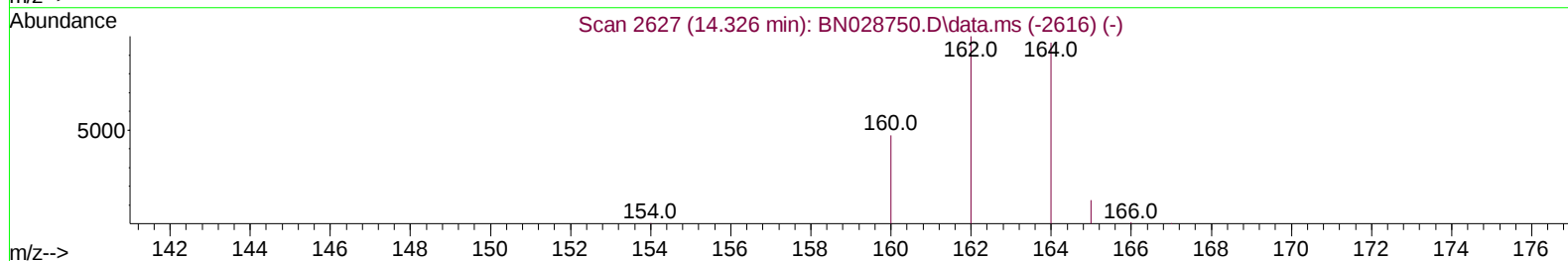
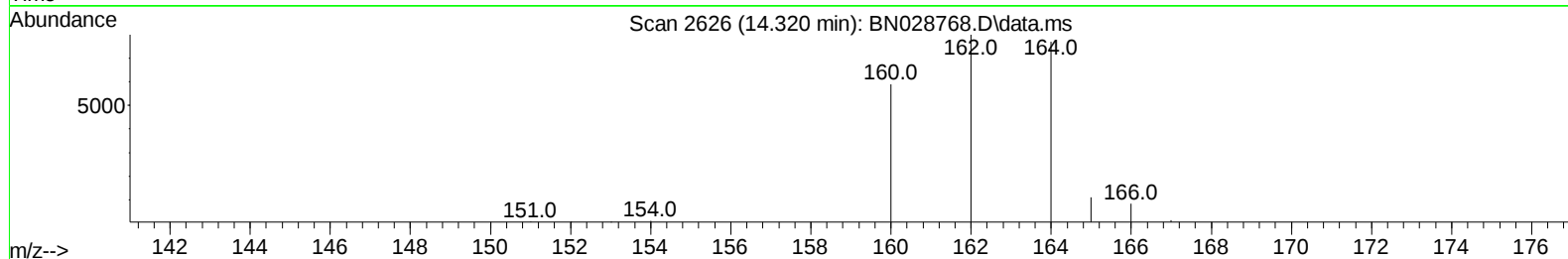
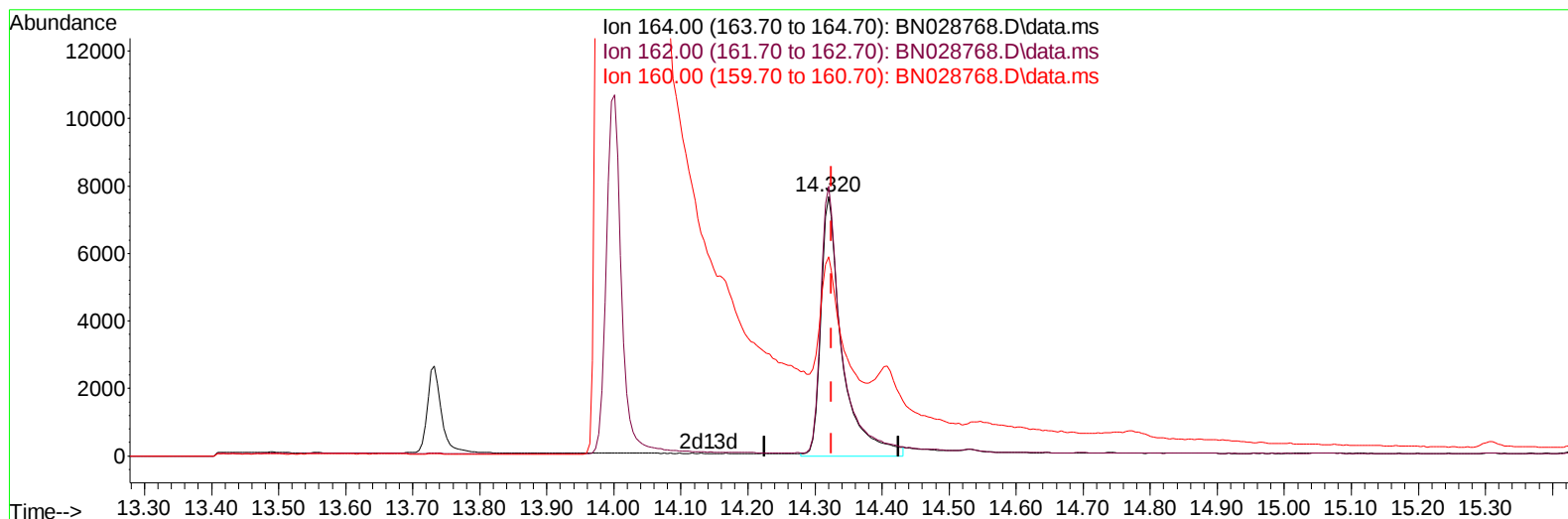
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(9) Acenaphthene-d10 (I)

14.320min (-0.005) 0.40 ng/u1 m

response 16870

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.75
160.00	49.20	76.72#
0.00	0.00	0.00

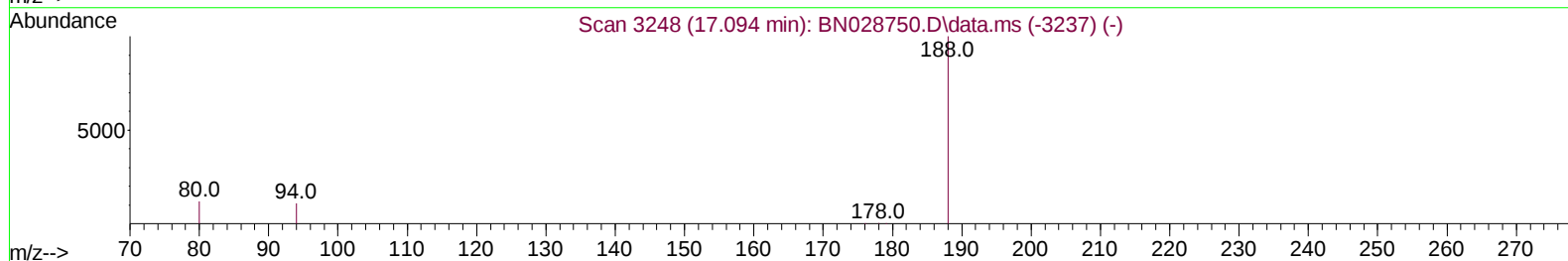
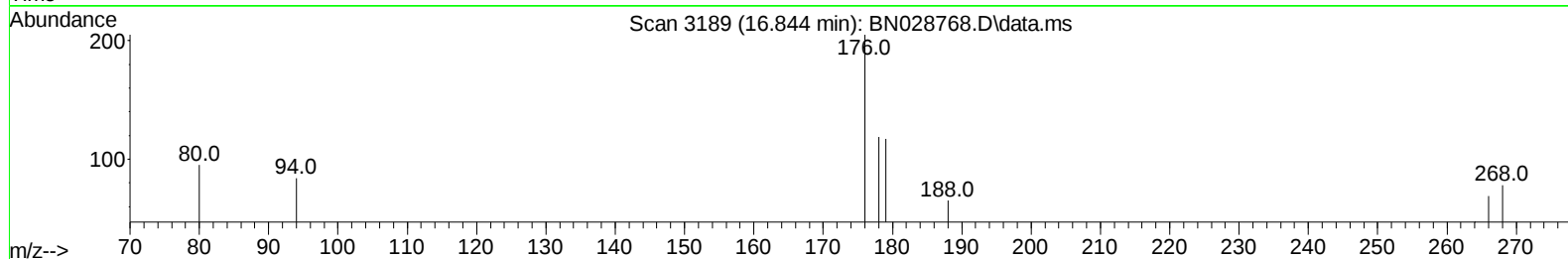
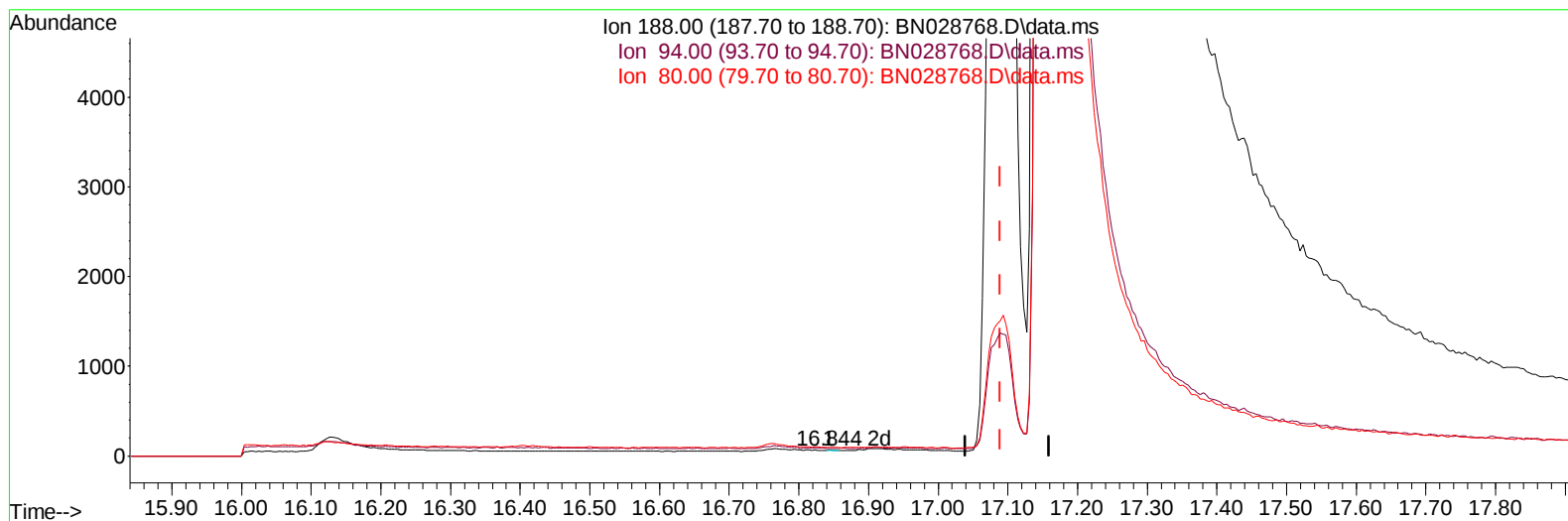
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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TIC: BN028768.D\data.ms

(13) Phenanthrene-d10 (I)

16.844min (-0.245) 0.40 ng/u1

response 3

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	129.23#
80.00	10.90	146.15#
0.00	0.00	0.00

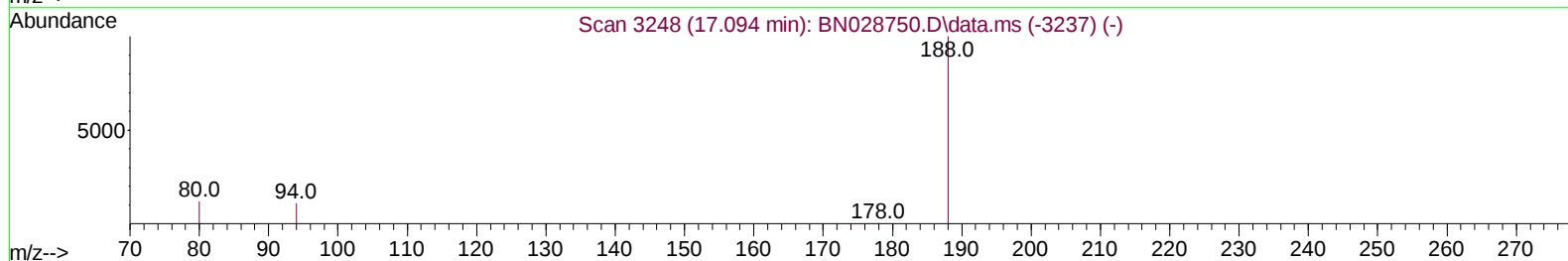
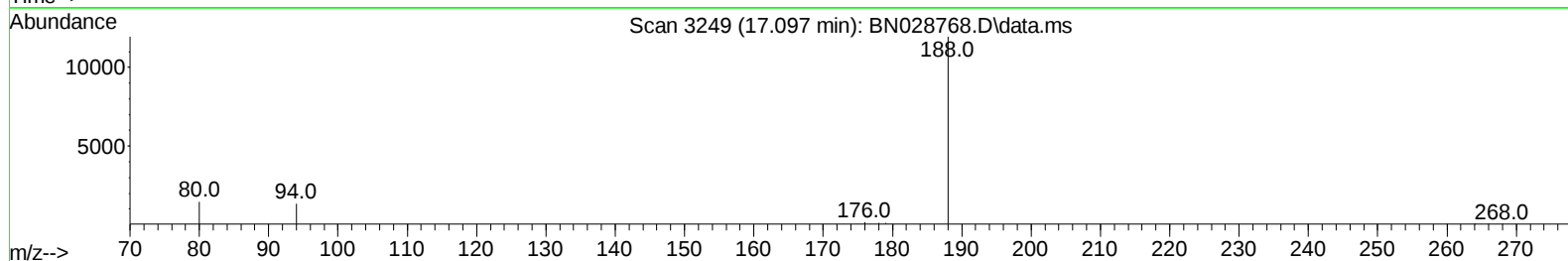
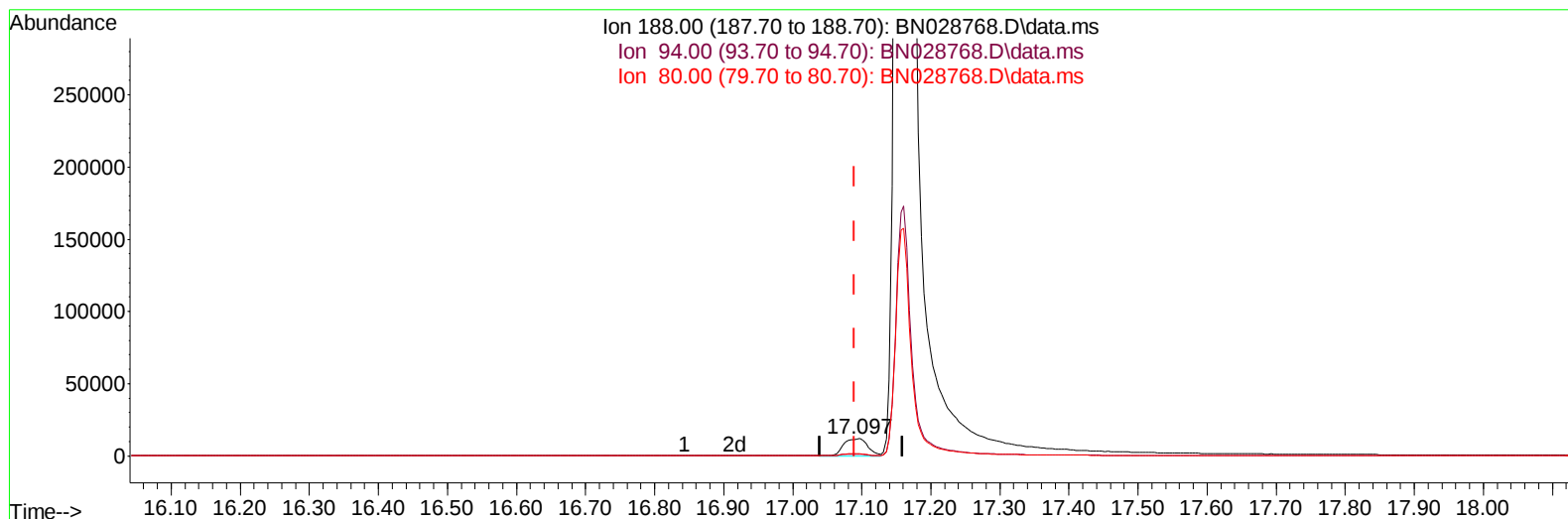
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(13) Phenanthrene-d10 (I)

17.097min (+ 0.008) 0.40 ng/ul m

response 29071

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.27
80.00	10.90	12.33
0.00	0.00	0.00

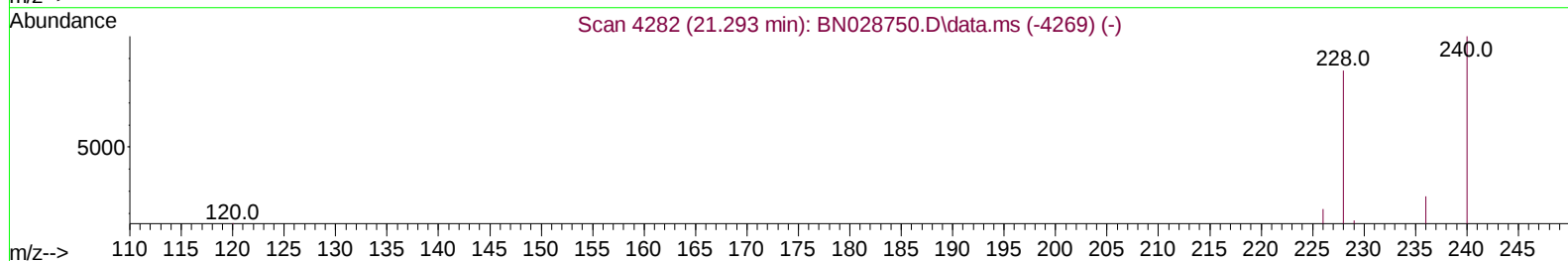
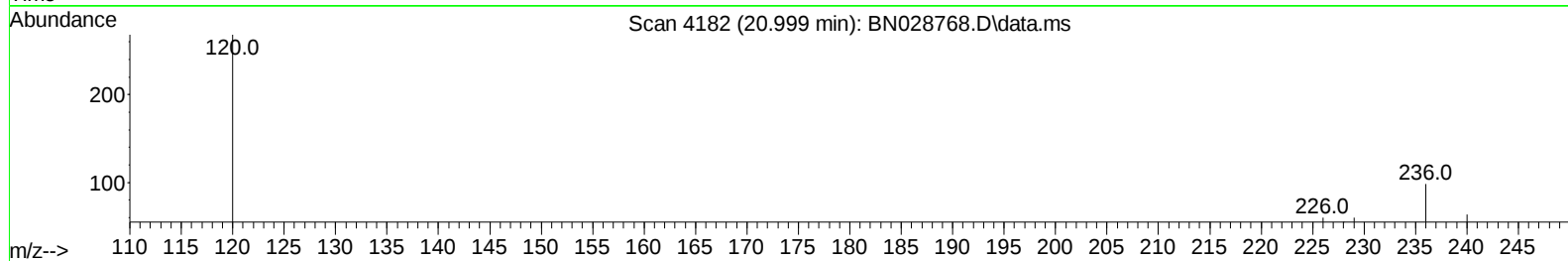
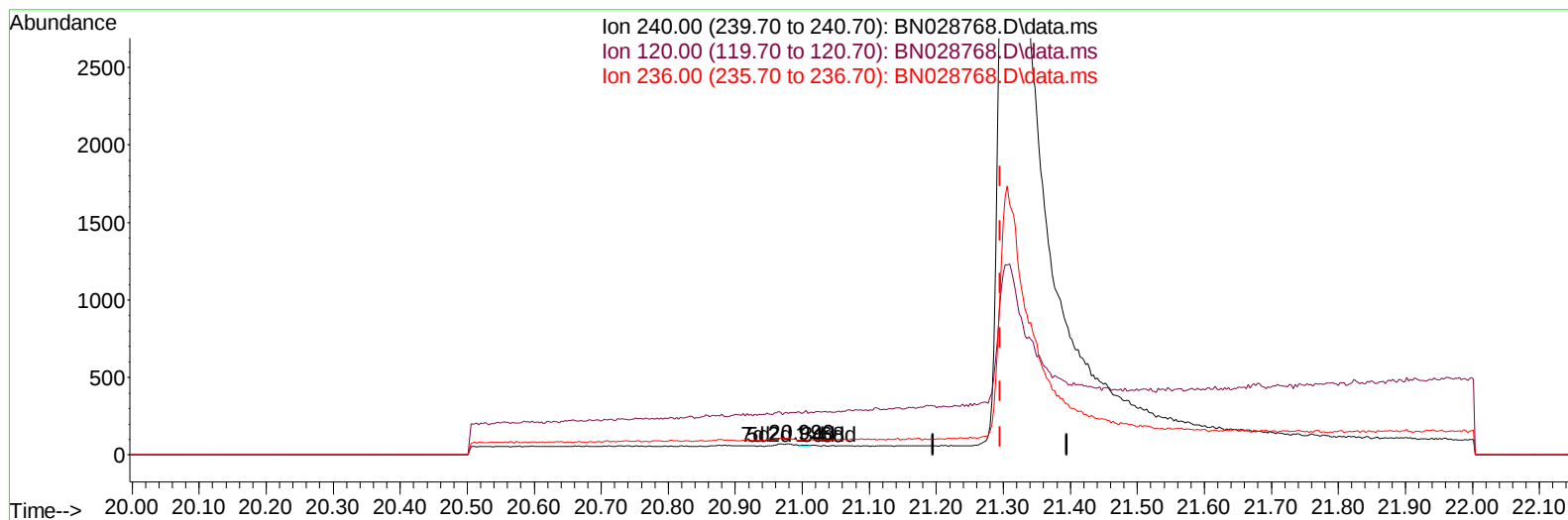
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 2023
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TIC: BN028768.D\data.ms

(17) Chrysene-d12

20.999min (-0.296) 0.40 ng/u1

response 5

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	418.75#
236.00	28.00	153.13#
0.00	0.00	0.00

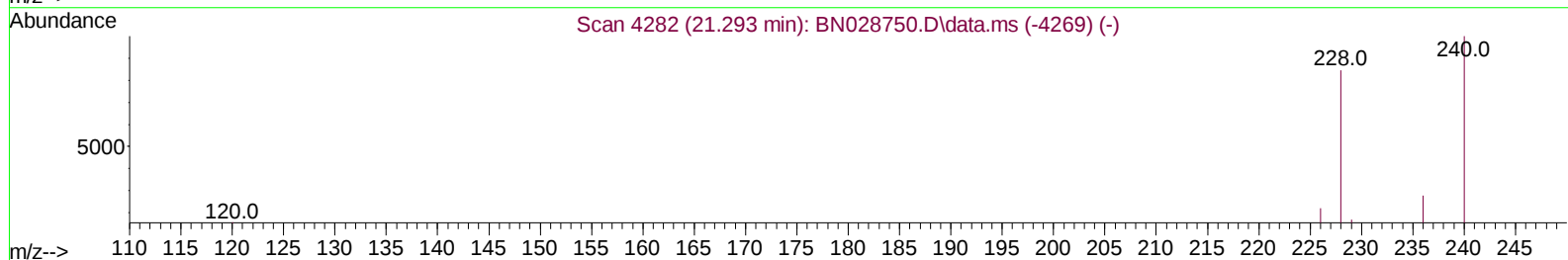
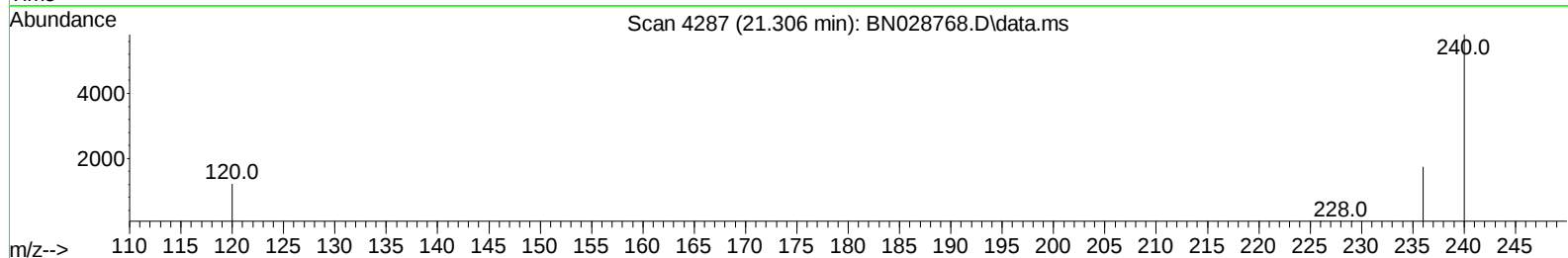
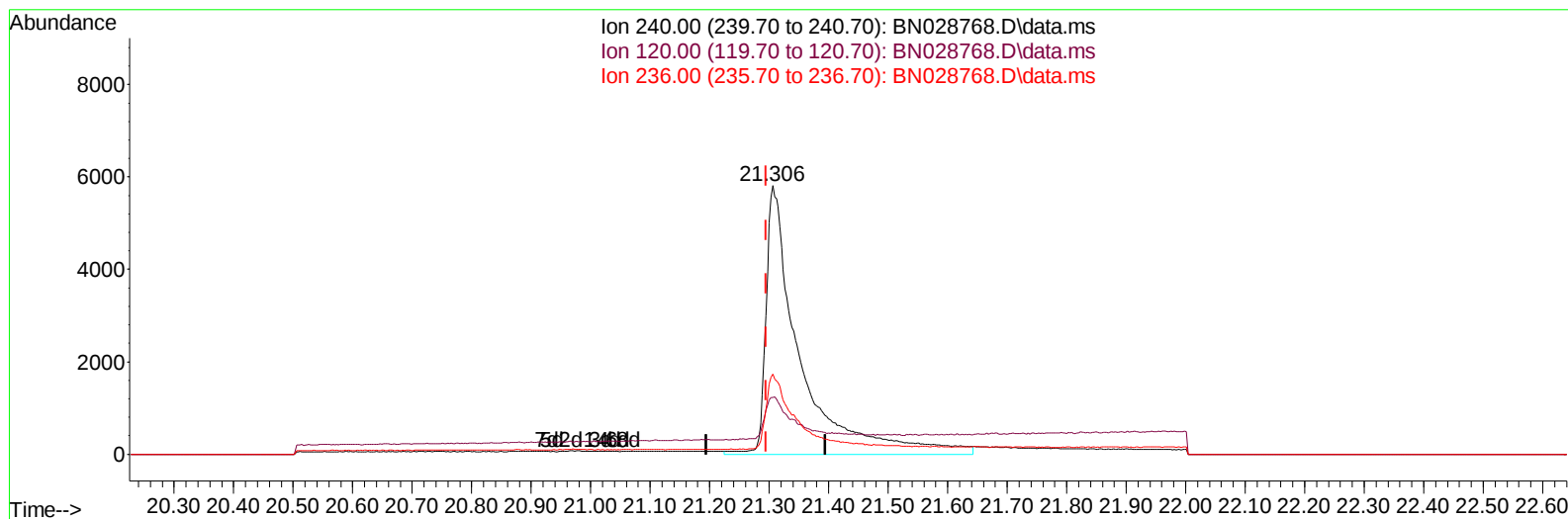
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(17) Chrysene-d12

21.306min (+ 0.011) 0.40 ng/ul m

response 23157

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.07#
236.00	28.00	29.87
0.00	0.00	0.00

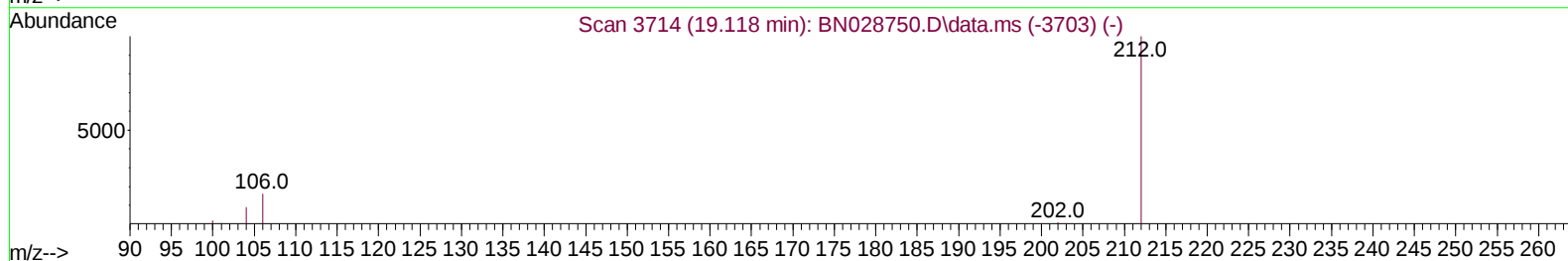
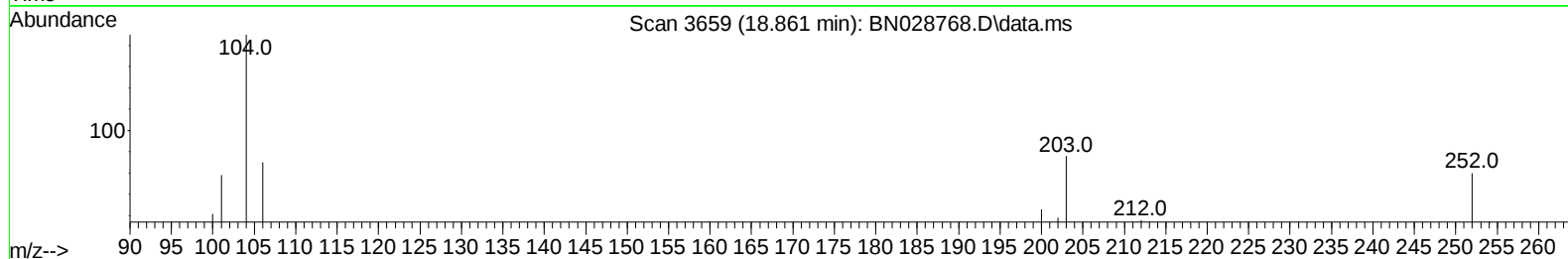
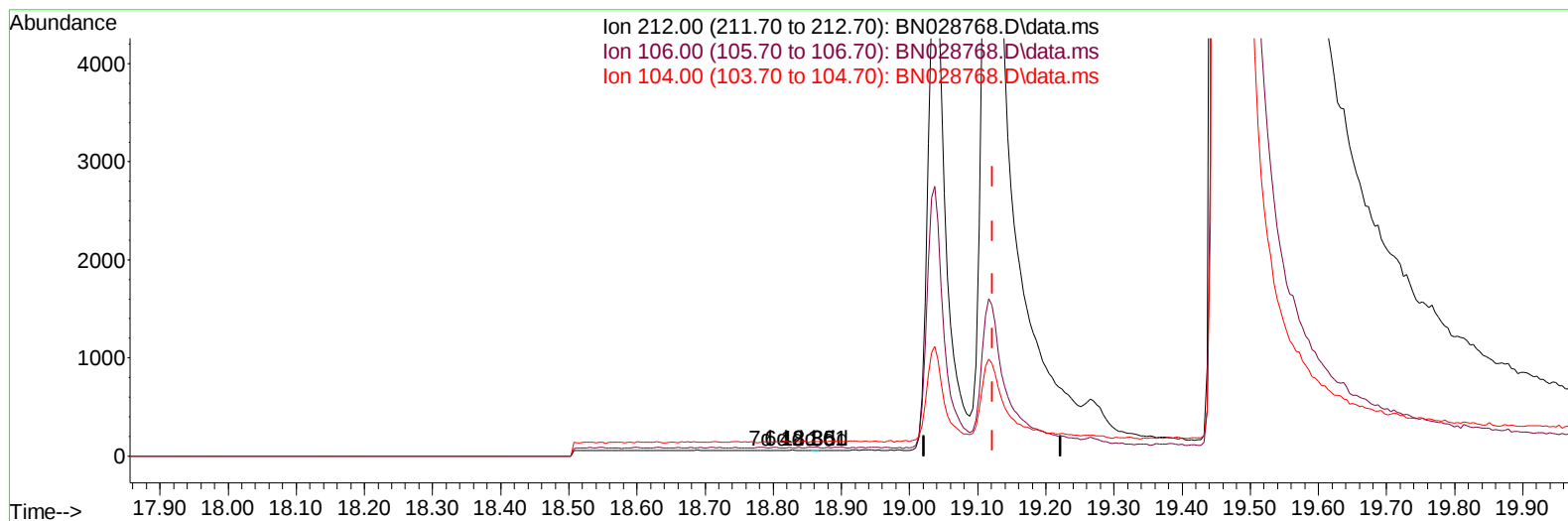
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 2023
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TIC: BN028768.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.861min (-0.261) 0.00 ng/u1

response 1

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	0.00#
0.00	0.00	0.00

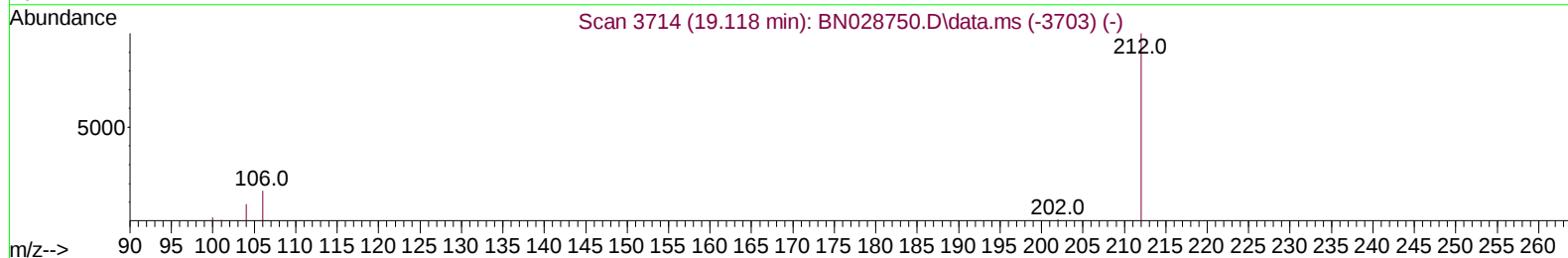
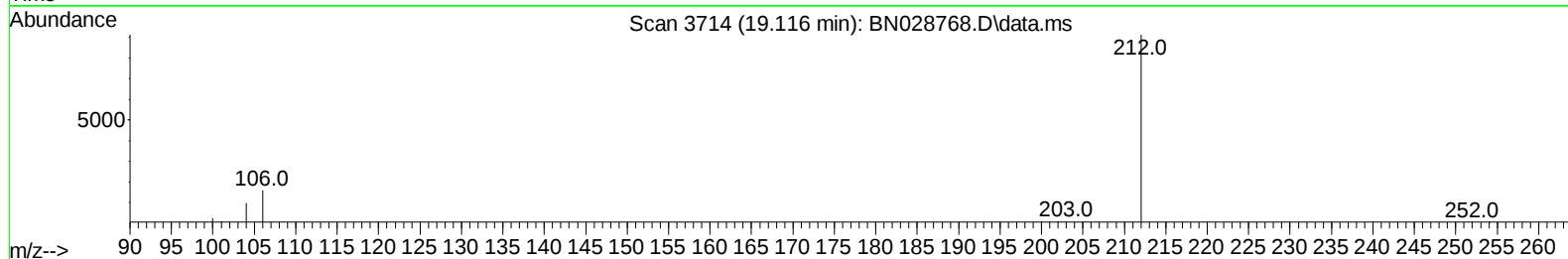
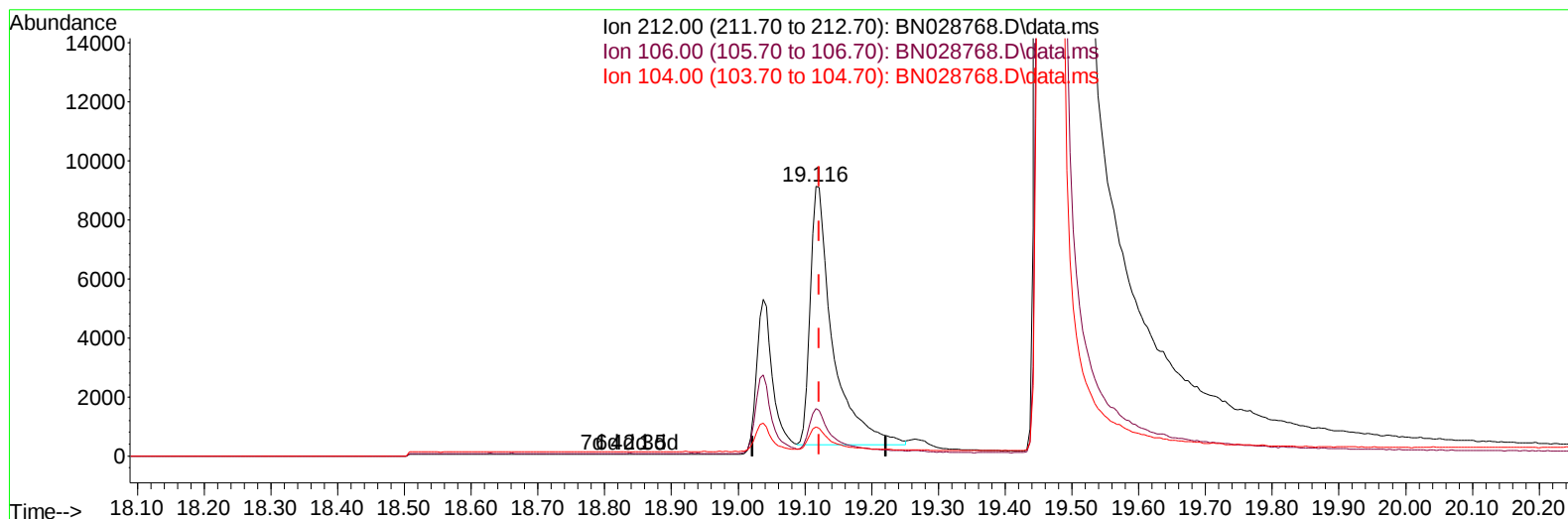
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

Quant Time: Nov 20 01:18:17 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 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028768.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.116min (-0.006) 0.28 ng/u1 m

response 20653

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	0.00#
0.00	0.00	0.00

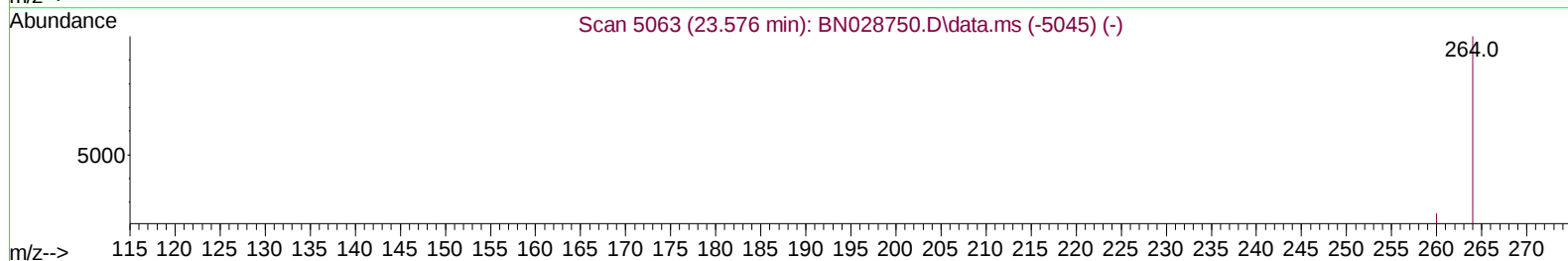
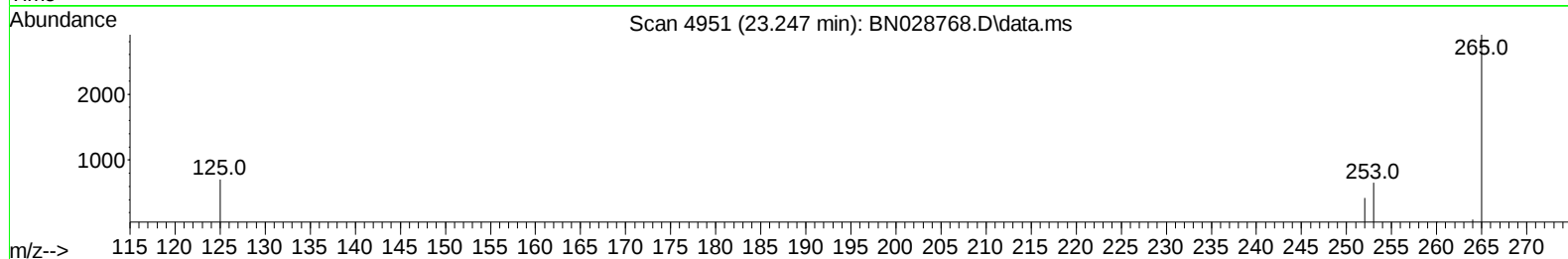
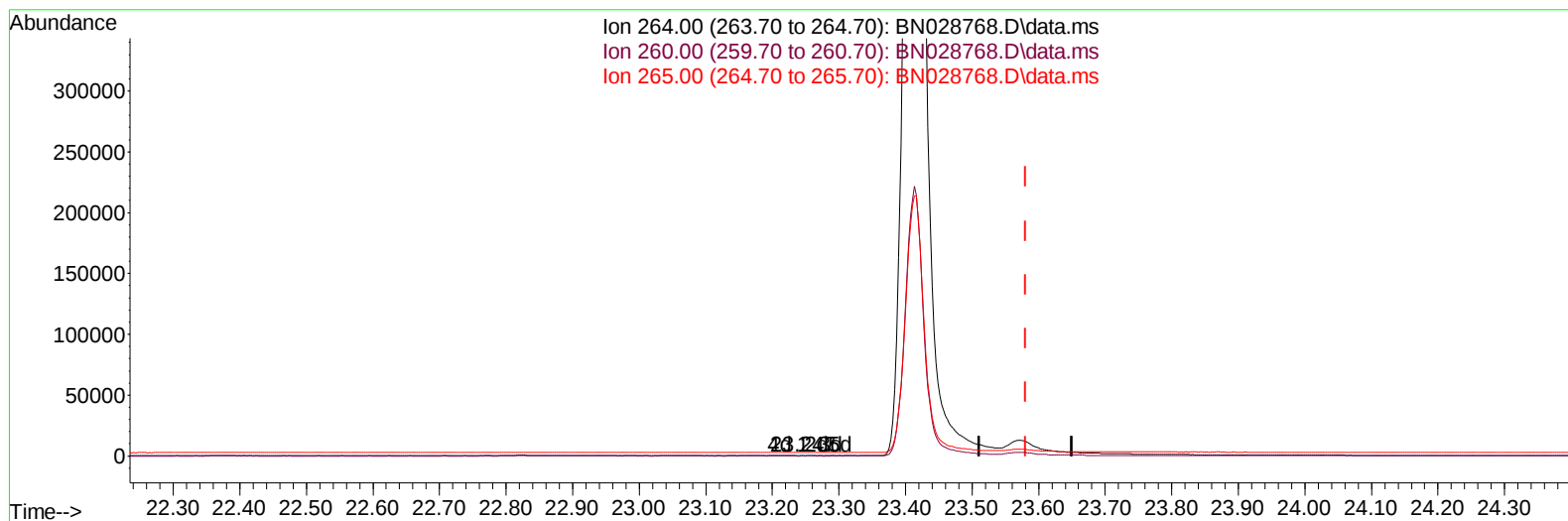
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028768.D
 Acq On : 19 Nov 2023 09:51
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 Misc :
 ALS Vial : 70 Sample Multiplier: 1

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TIC: BN028768.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.334) 0.40 ng/u1

response 9

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	59.60#
265.00	38.80	2930.30#
0.00	0.00	0.00

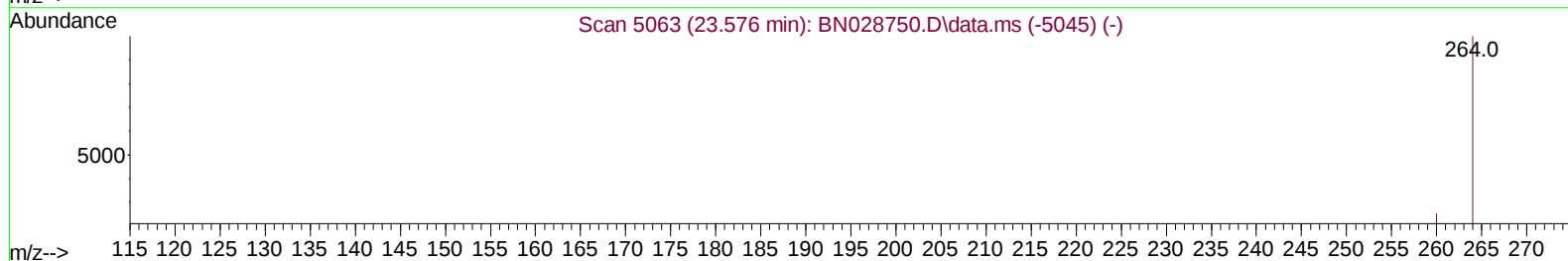
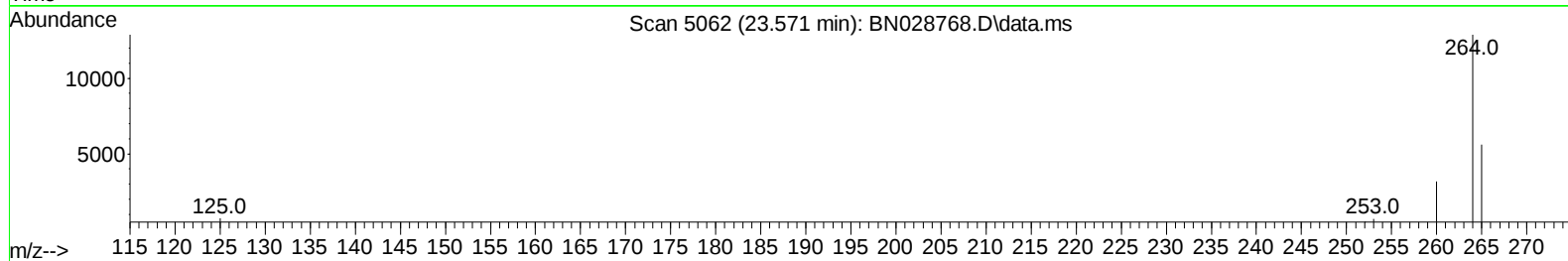
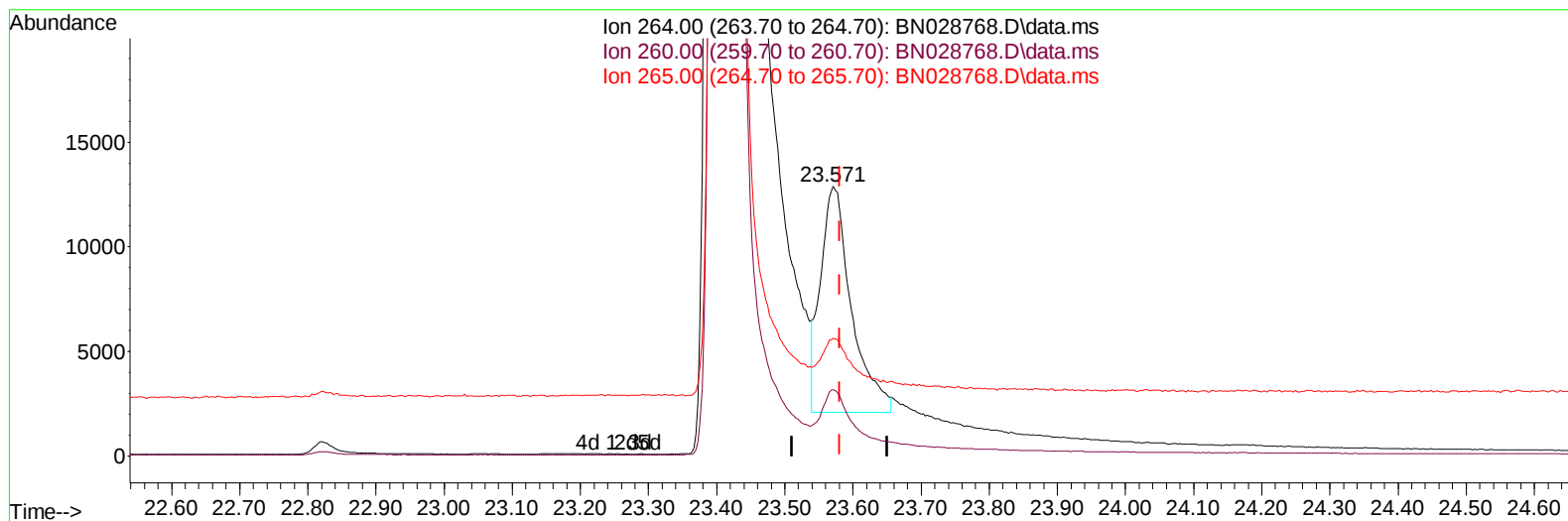
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028768.D
Acq On : 19 Nov 2023 09:51
Operator : MA/JU
Sample : PB157226BL
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK226

Manual IntegrationsAPPROVED

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

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TIC: BN028768.D\data.ms

(23) Perylene-d12 (I)

23.571min (-0.010) 0.40 ng/ul m

response 34176

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.58
265.00	38.80	43.69
0.00	0.00	0.00

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 Data File : BN028768.D
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 Operator : MA/JU
 Sample : PB157226BL
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK226

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	8112m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.472	136	31480m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	16870m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.097	188	29071m	0.400	ng/ul	0.00
17) Chrysene-d12	21.306	240	23157m	0.400	ng/ul	0.01
23) Perylene-d12	23.571	264	34176m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	63542	7.087	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.171	152	6886m	0.145	ng/ul	0.06
18) Fluoranthene-d10	19.116	212	20653m	0.277	ng/ul	0.00

Target Compounds Qvalue

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

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