

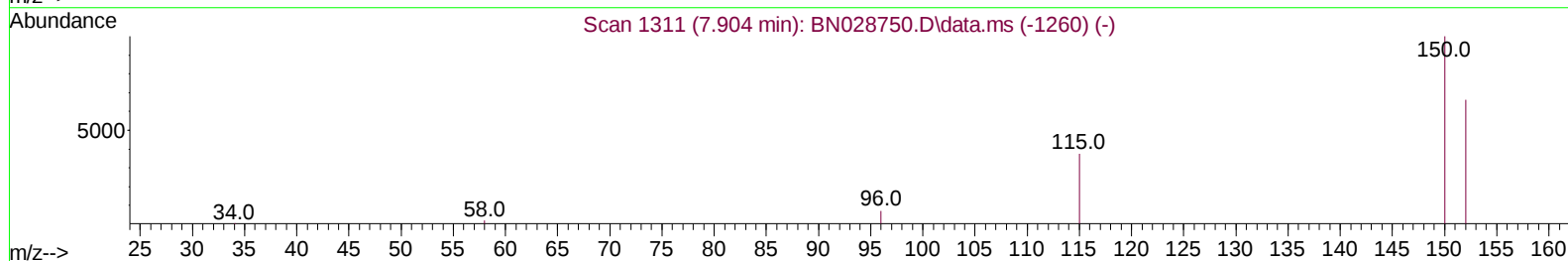
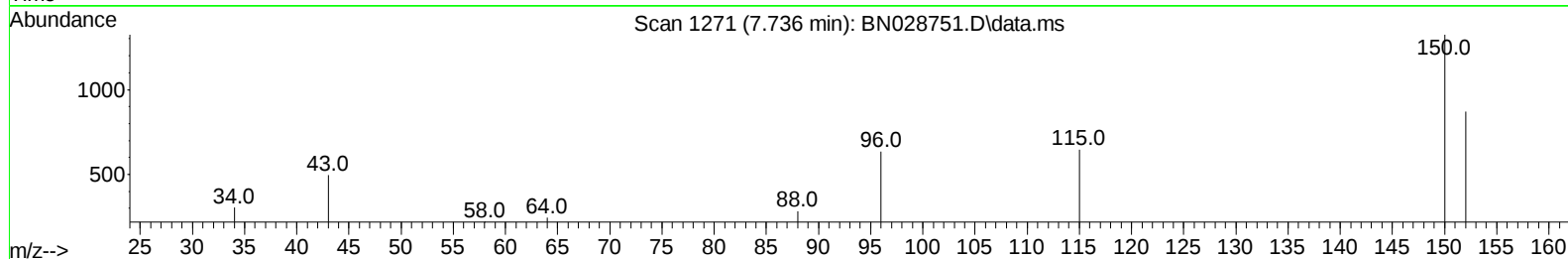
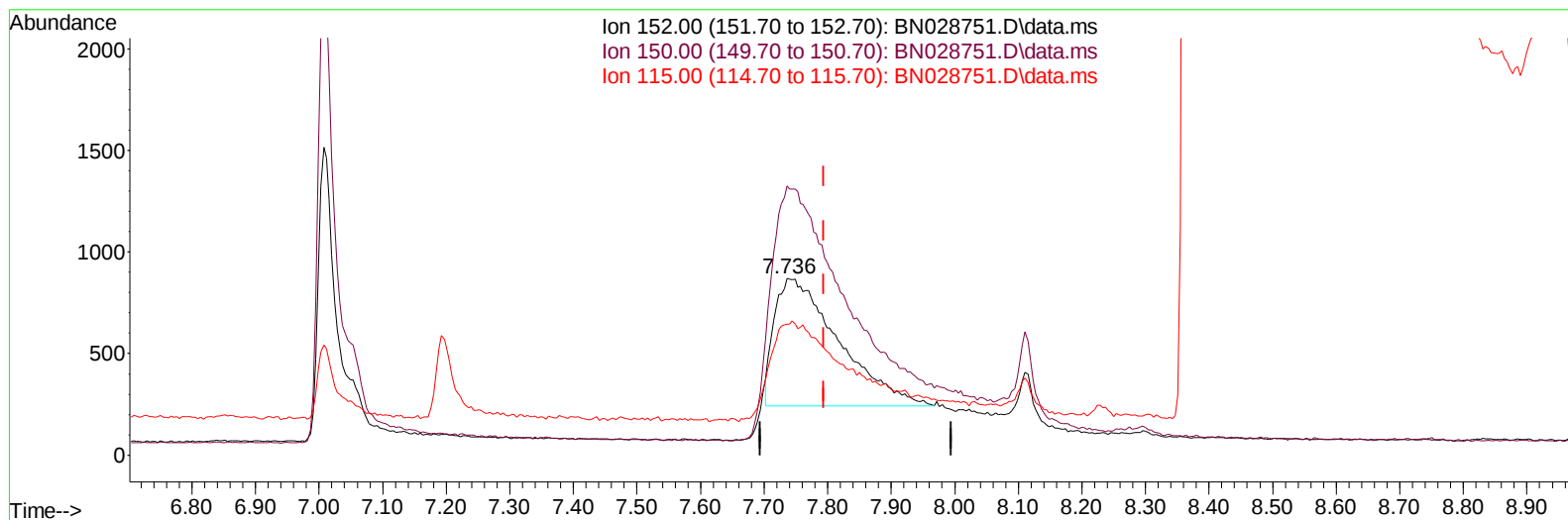
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

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

7.736min (-0.059) 0.40 ng/u1

response 4367

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	152.18
115.00	62.20	74.25
0.00	0.00	0.00

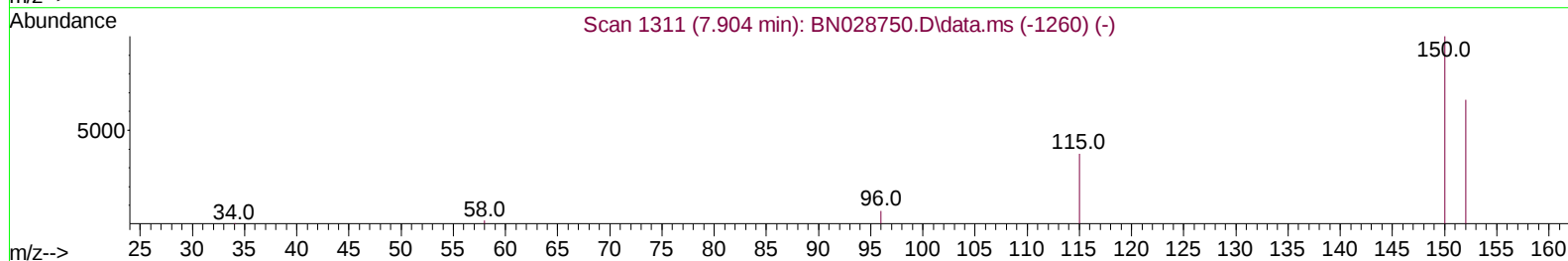
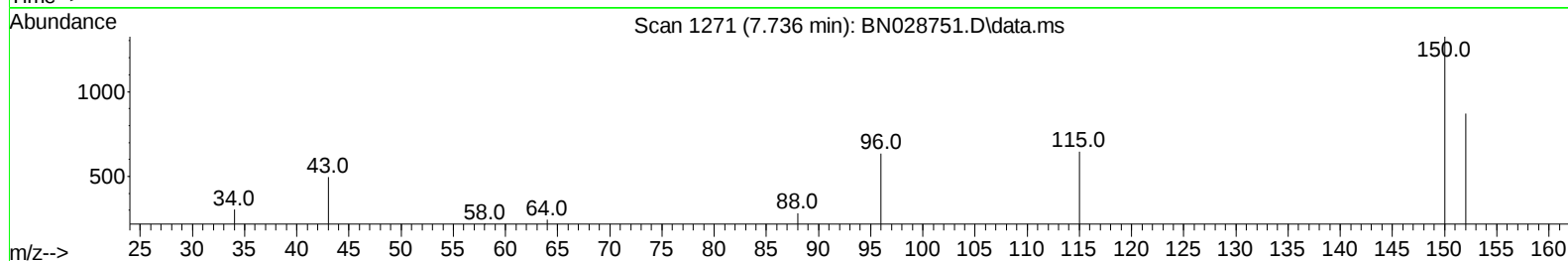
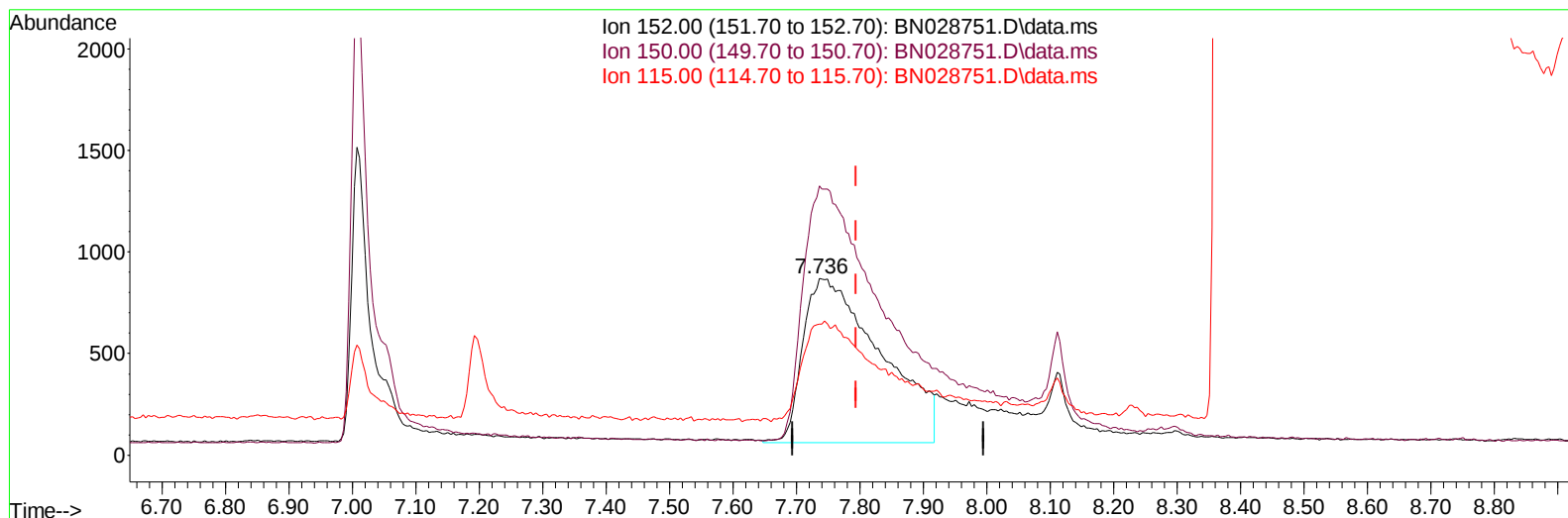
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

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

7.736min (-0.059) 0.40 ng/ul m

response 6879

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	152.18
115.00	62.20	74.25
0.00	0.00	0.00

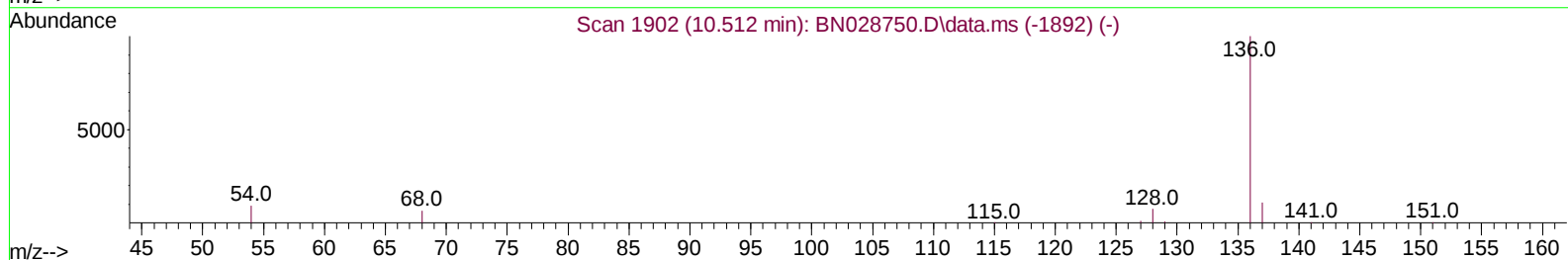
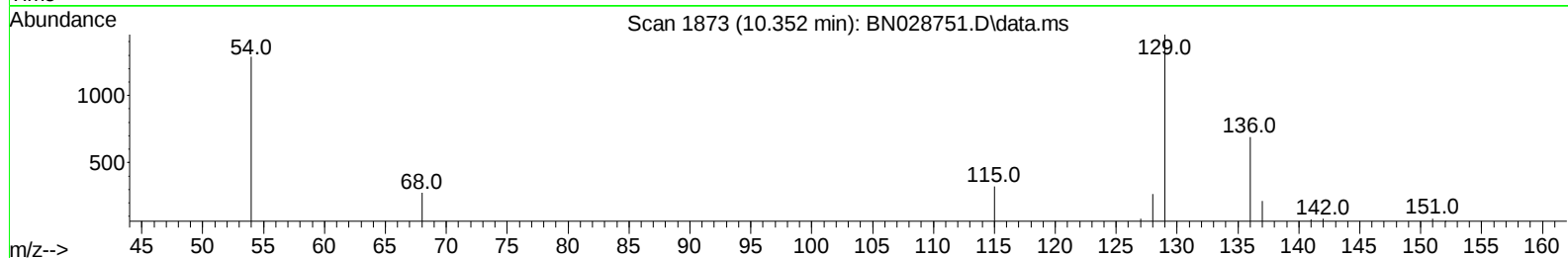
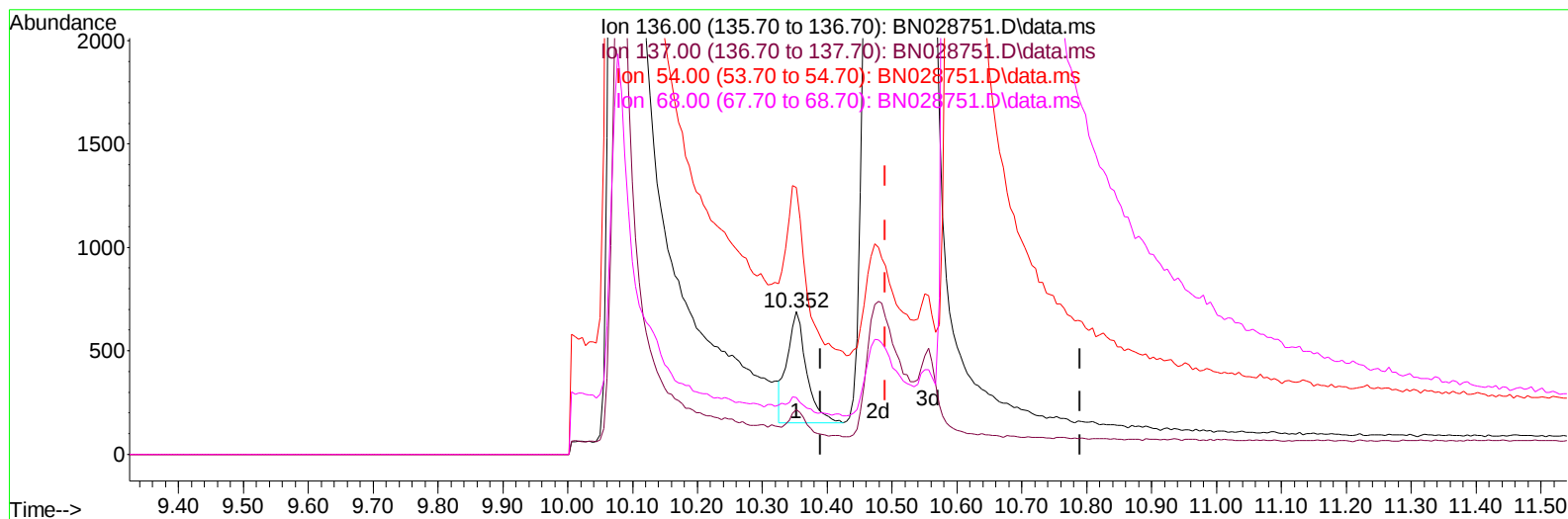
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Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.138) 0.40 ng/u1

response 1122

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	31.35#
54.00	9.00	187.23#
68.00	7.10	39.91#

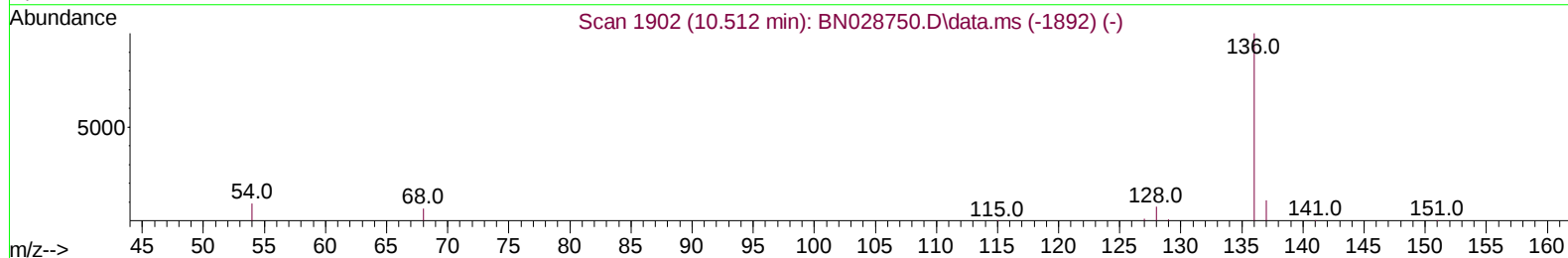
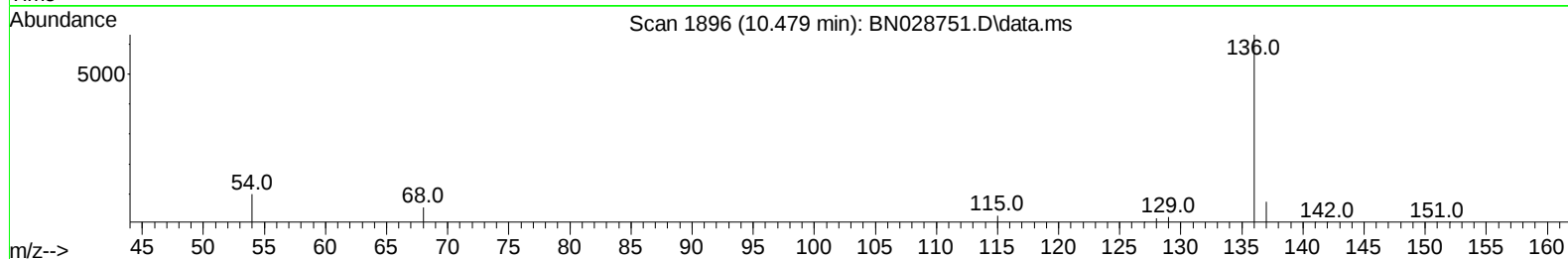
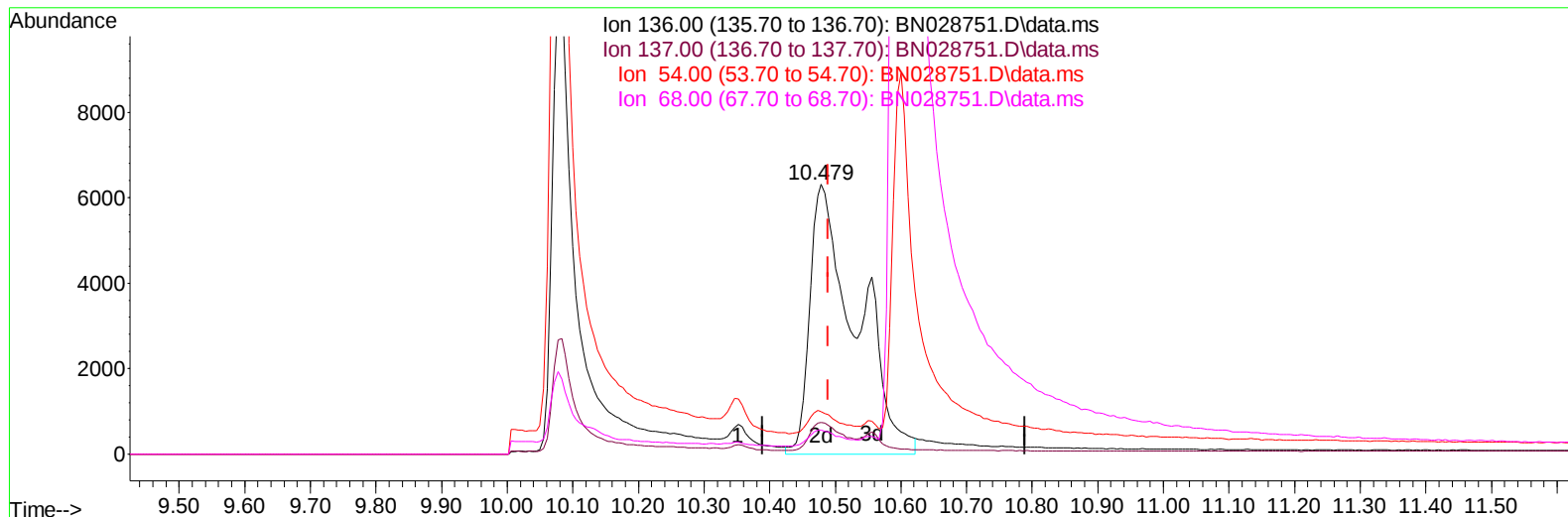
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 30970

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.71
54.00	9.00	15.81#
68.00	7.10	8.78#

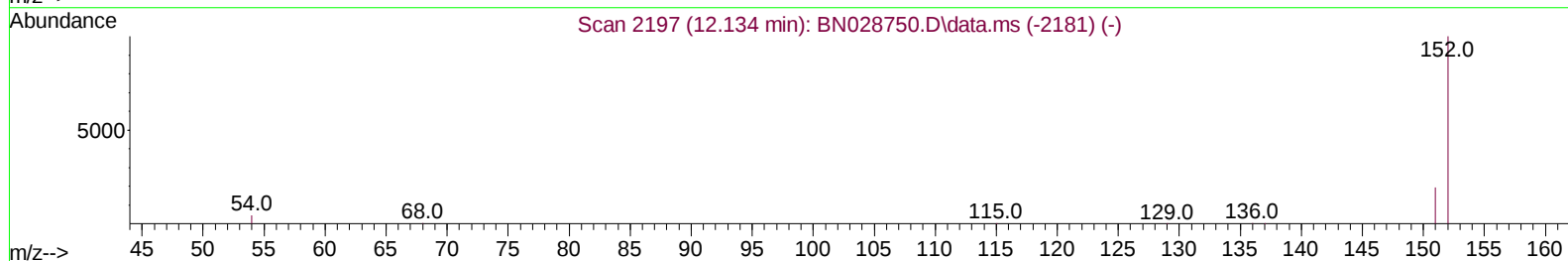
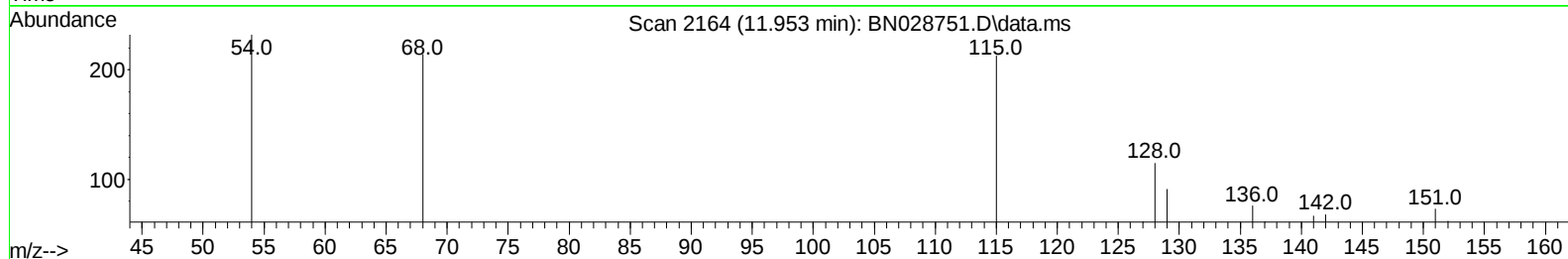
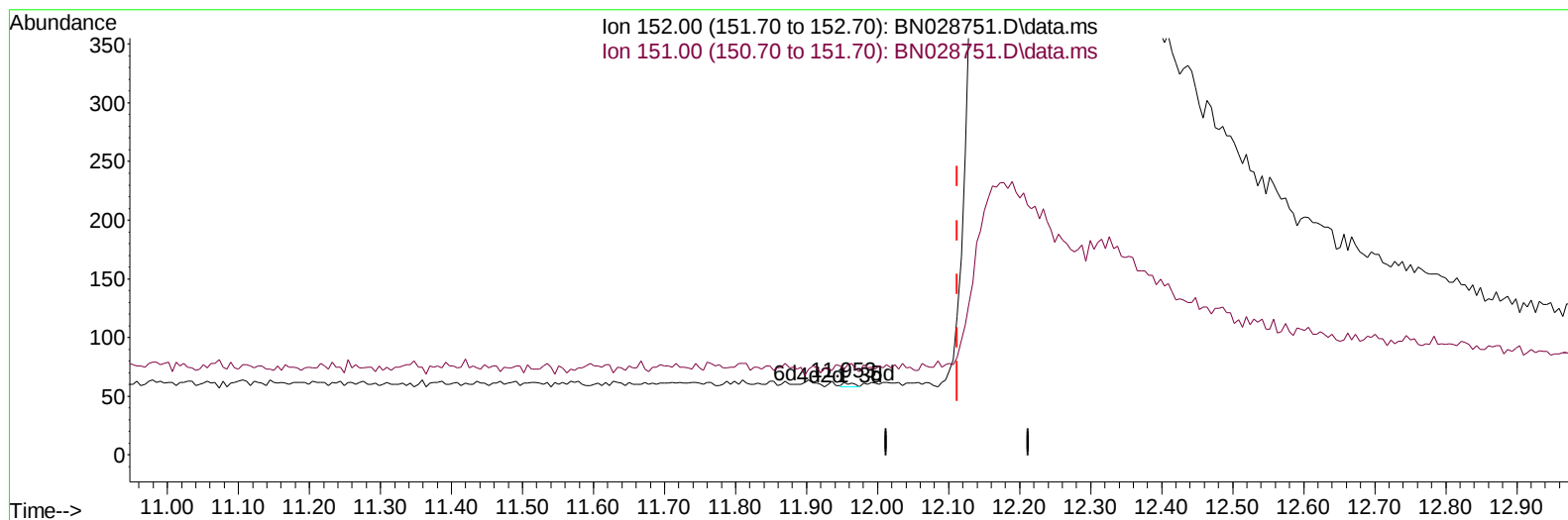
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028751.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.953min (-0.160) 0.00 ng/u1

response 4

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	150.00#
0.00	0.00	0.00
0.00	0.00	0.00

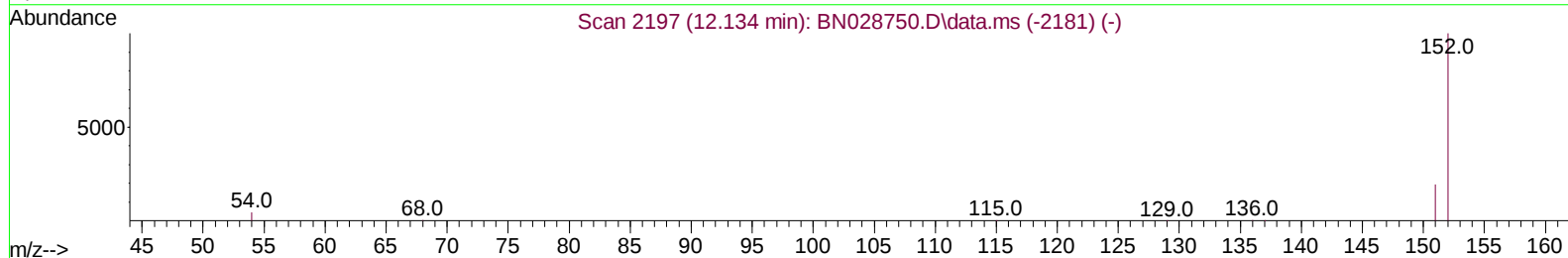
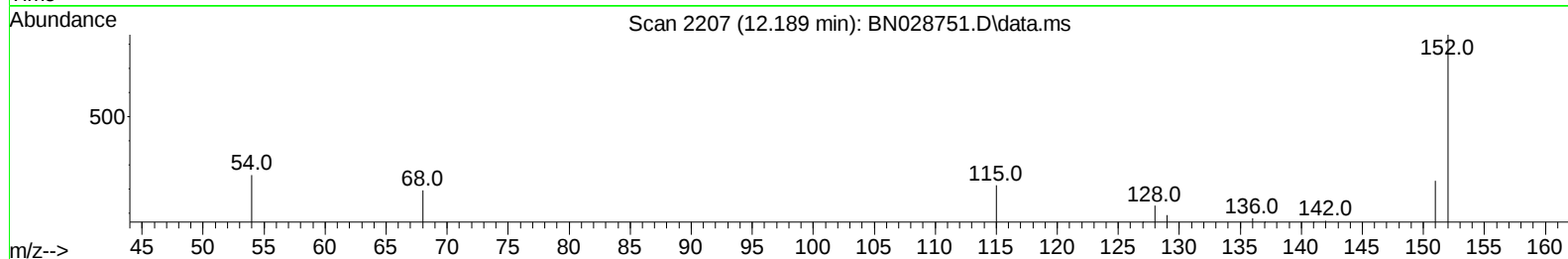
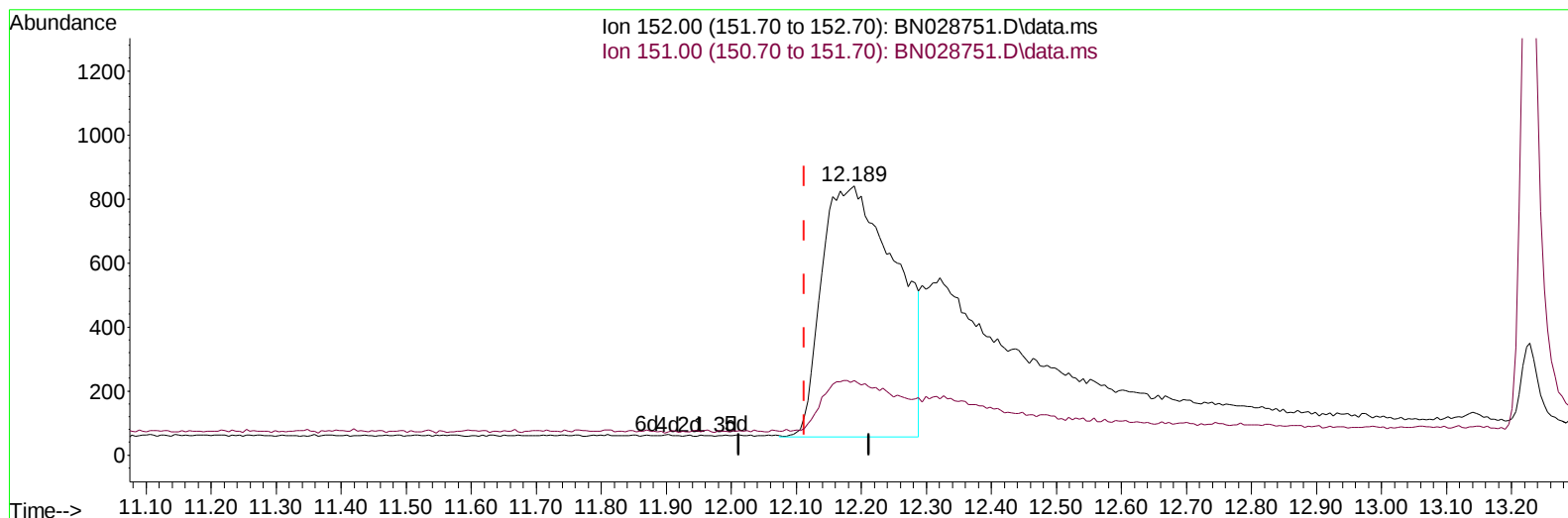
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.189min (+ 0.077) 0.13 ng/ul m

response 6239

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.10#
0.00	0.00	0.00
0.00	0.00	0.00

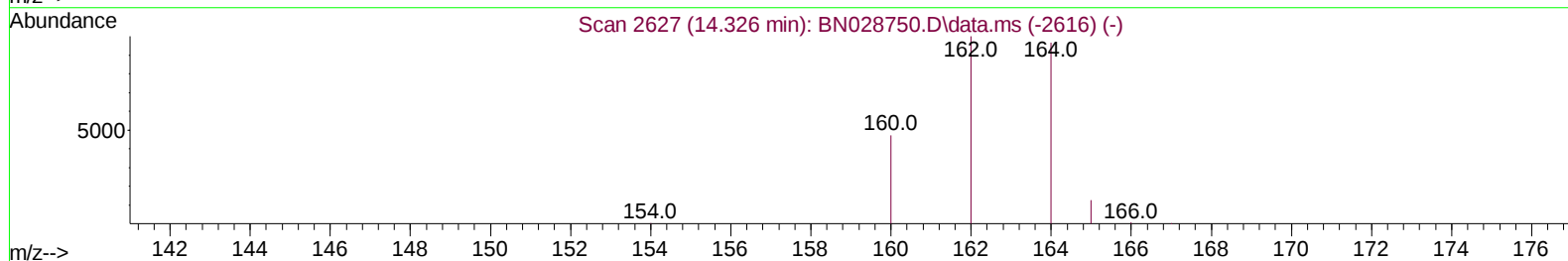
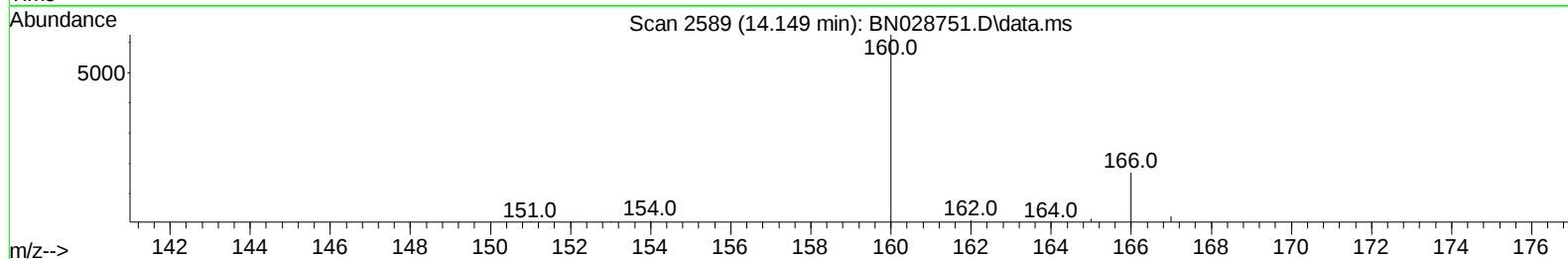
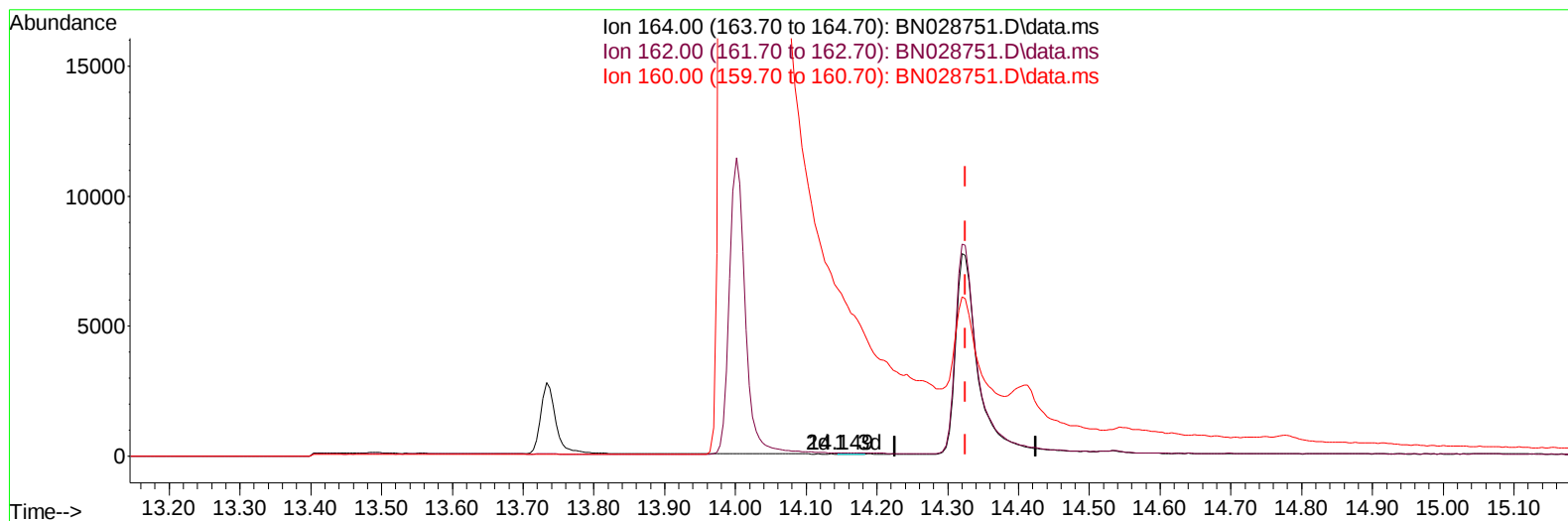
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028751.D\data.ms

(9) Acenaphthene-d10 (I)

14.149min (-0.176) 0.40 ng/u1

response 10

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	155.26#
160.00	49.20	8221.05#
0.00	0.00	0.00

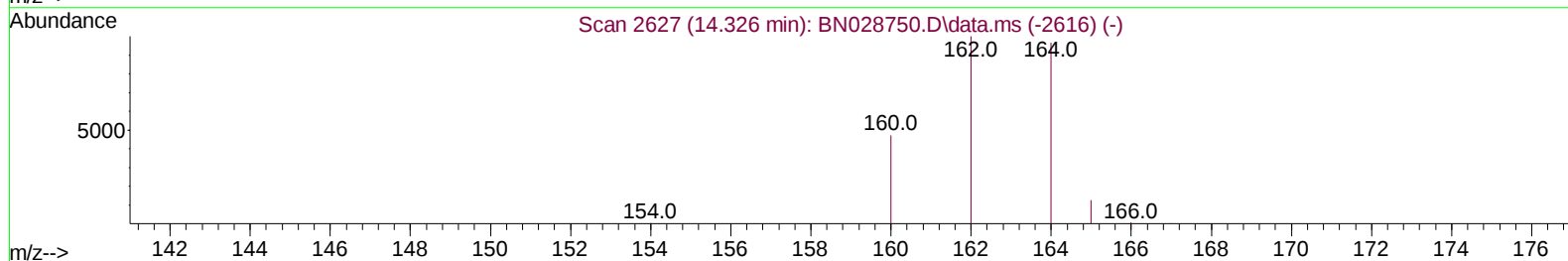
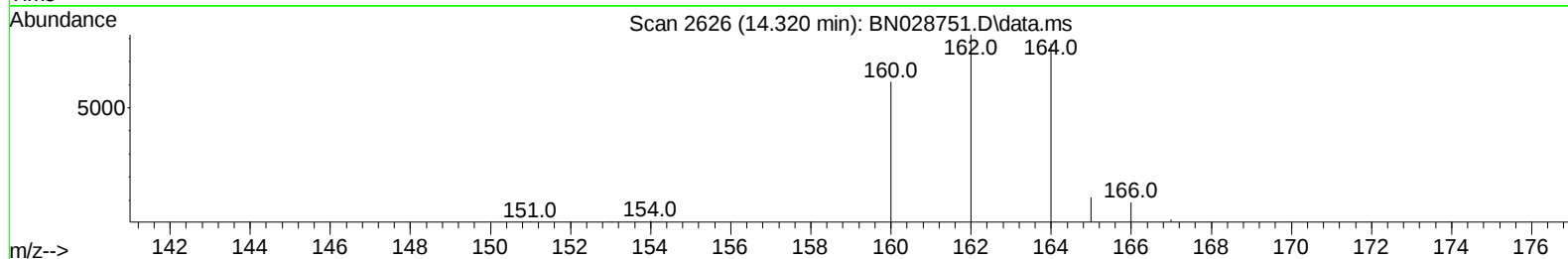
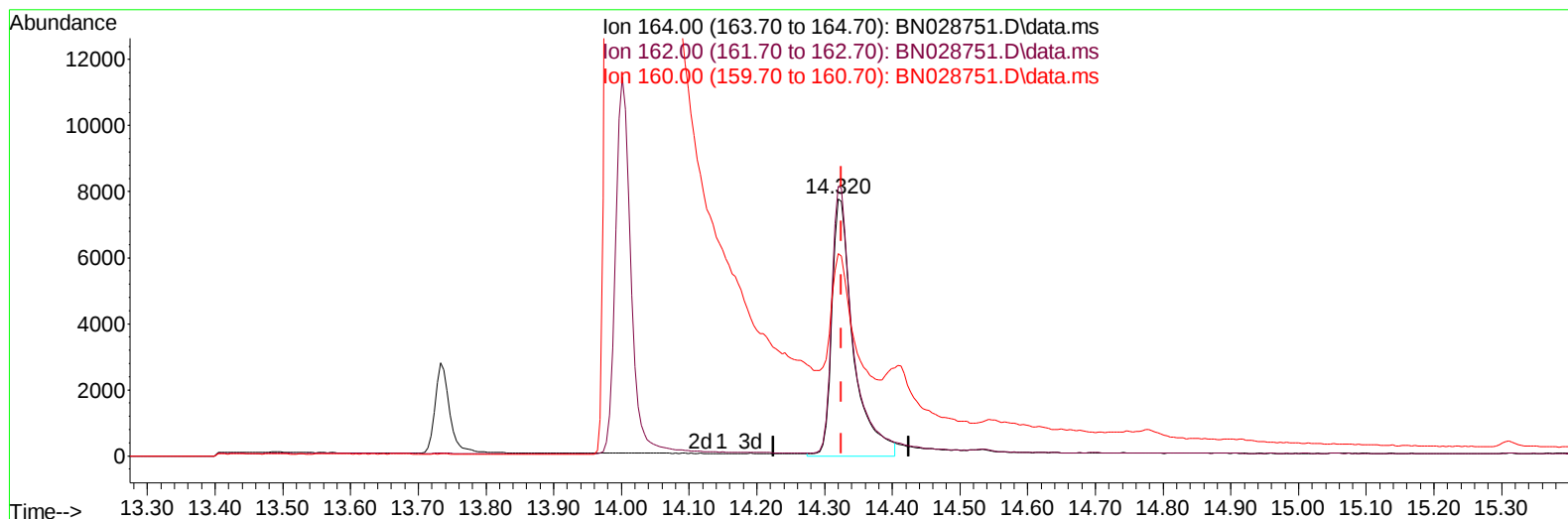
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

(9) Acenaphthene-d10 (I)

14.320min (-0.005) 0.40 ng/u1 m

response 17094

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.82
160.00	49.20	78.63#
0.00	0.00	0.00

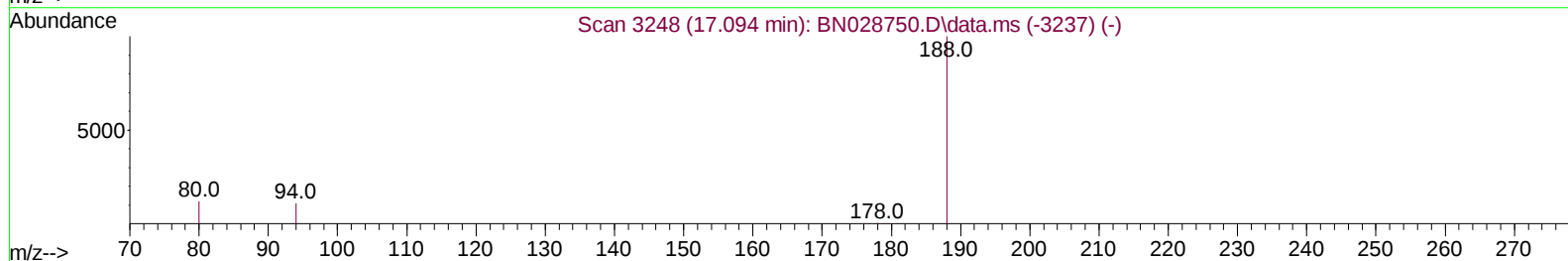
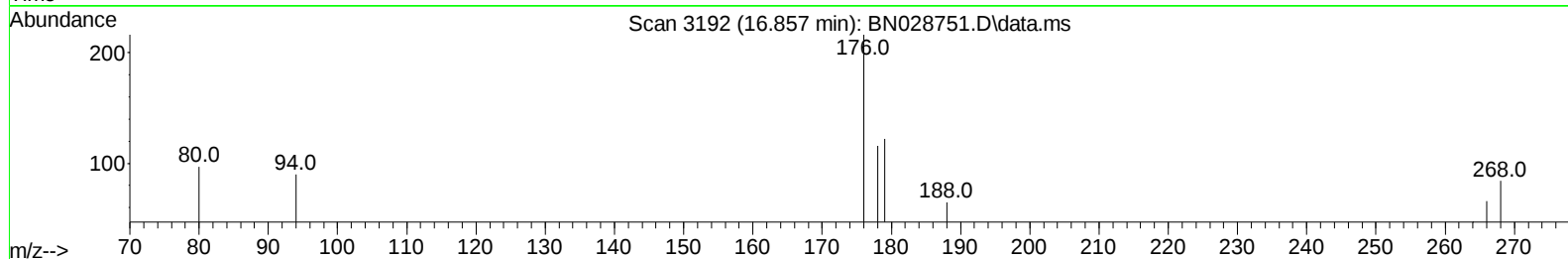
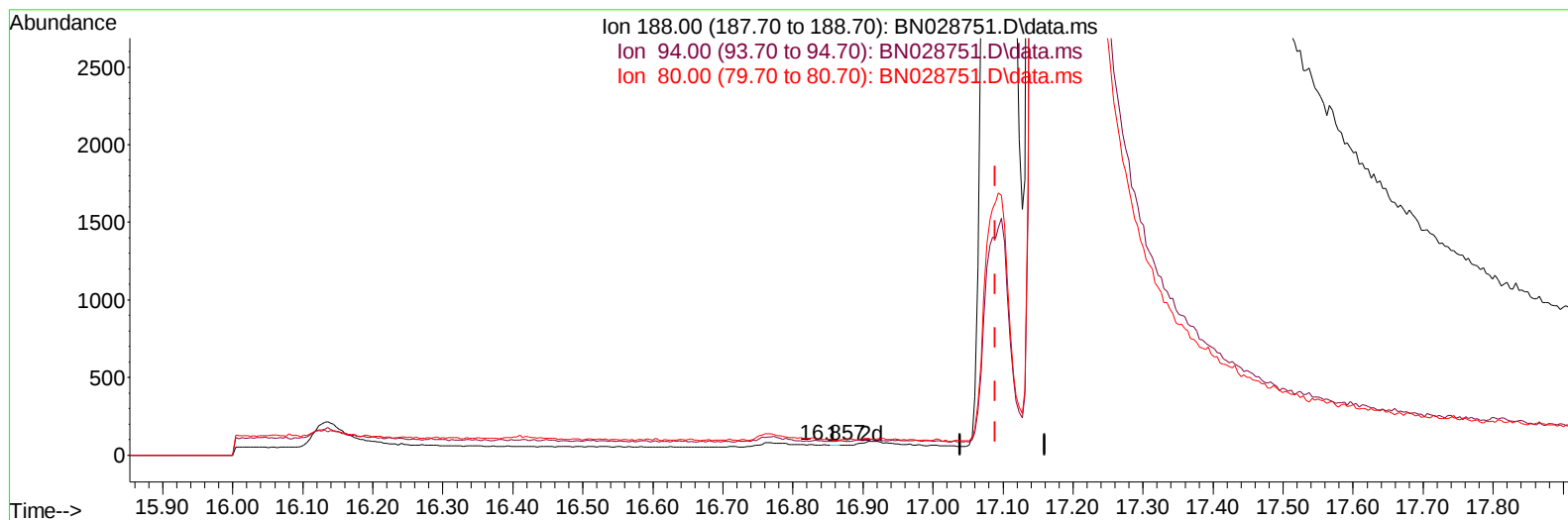
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028751.D\data.ms

(13) Phenanthrene-d10 (I)

16.857min (-0.232) 0.40 ng/u1

response 2

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	138.46#
80.00	10.90	149.23#
0.00	0.00	0.00

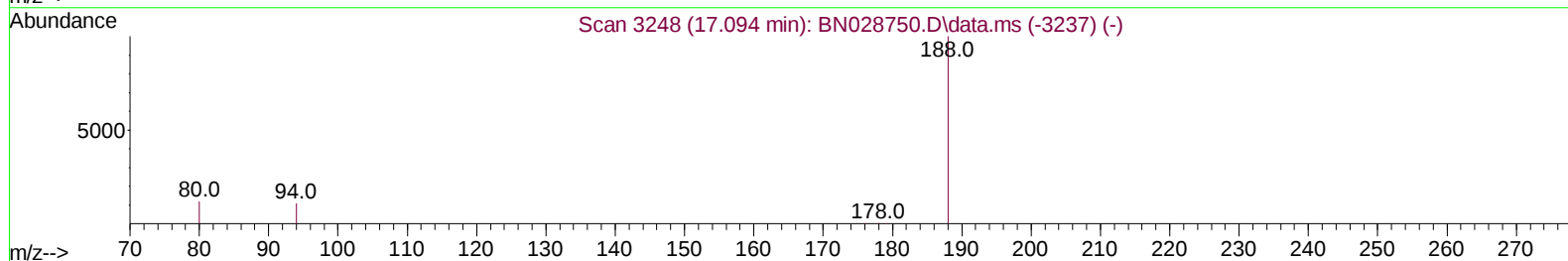
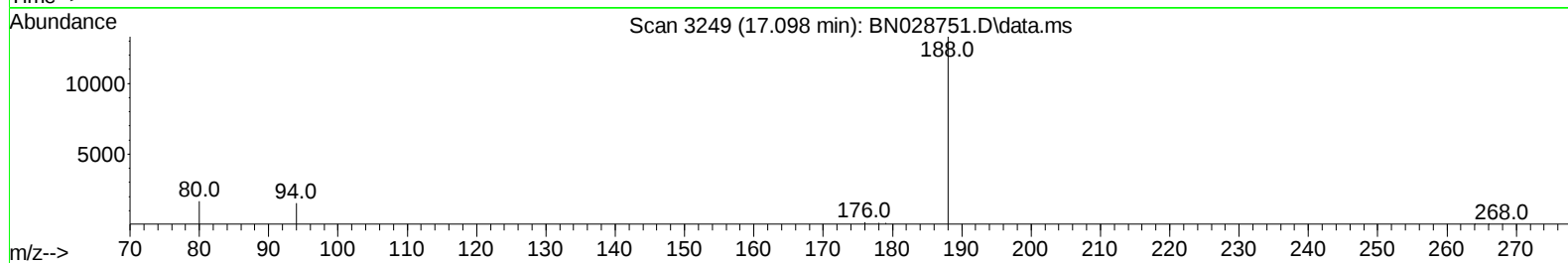
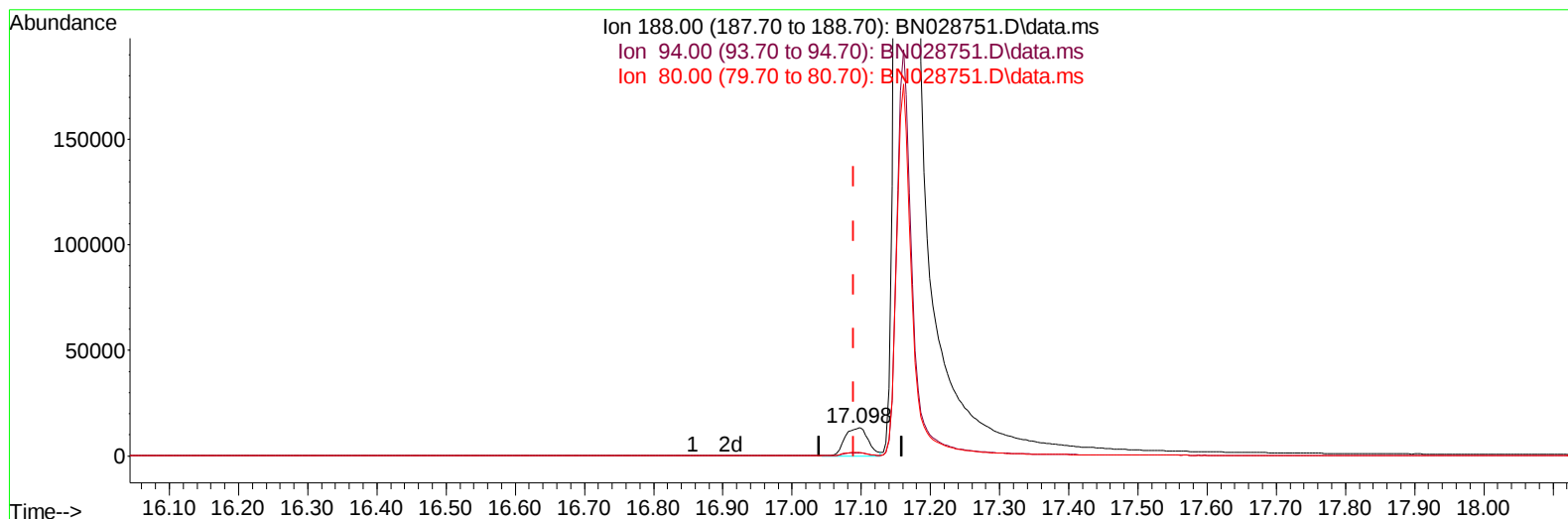
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028751.D\data.ms

(13) Phenanthrene-d10 (I)

17.098min (+ 0.008) 0.40 ng/ul m

response 31218

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.48
80.00	10.90	12.59
0.00	0.00	0.00

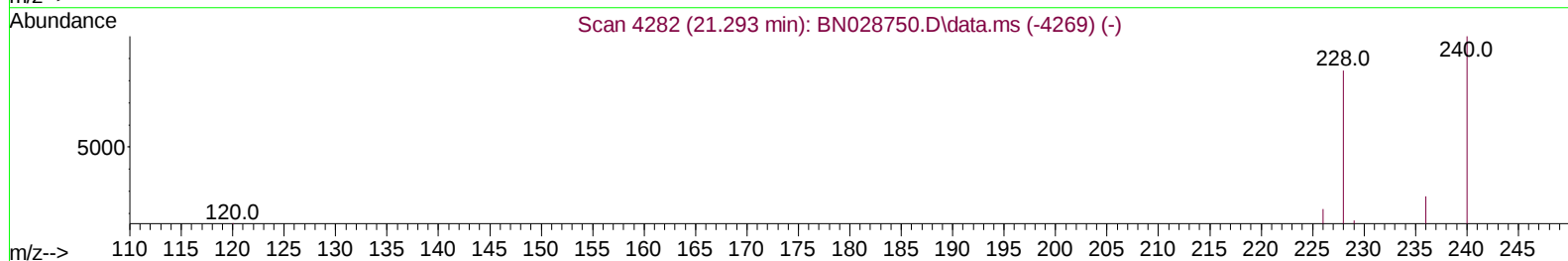
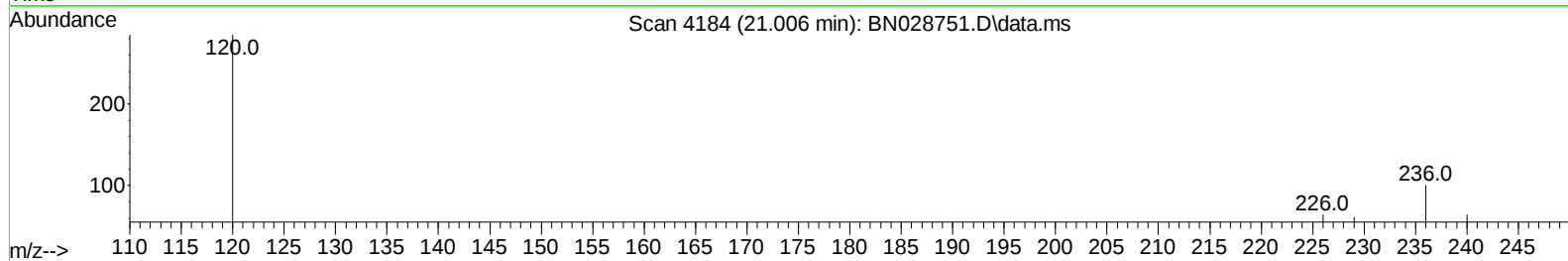
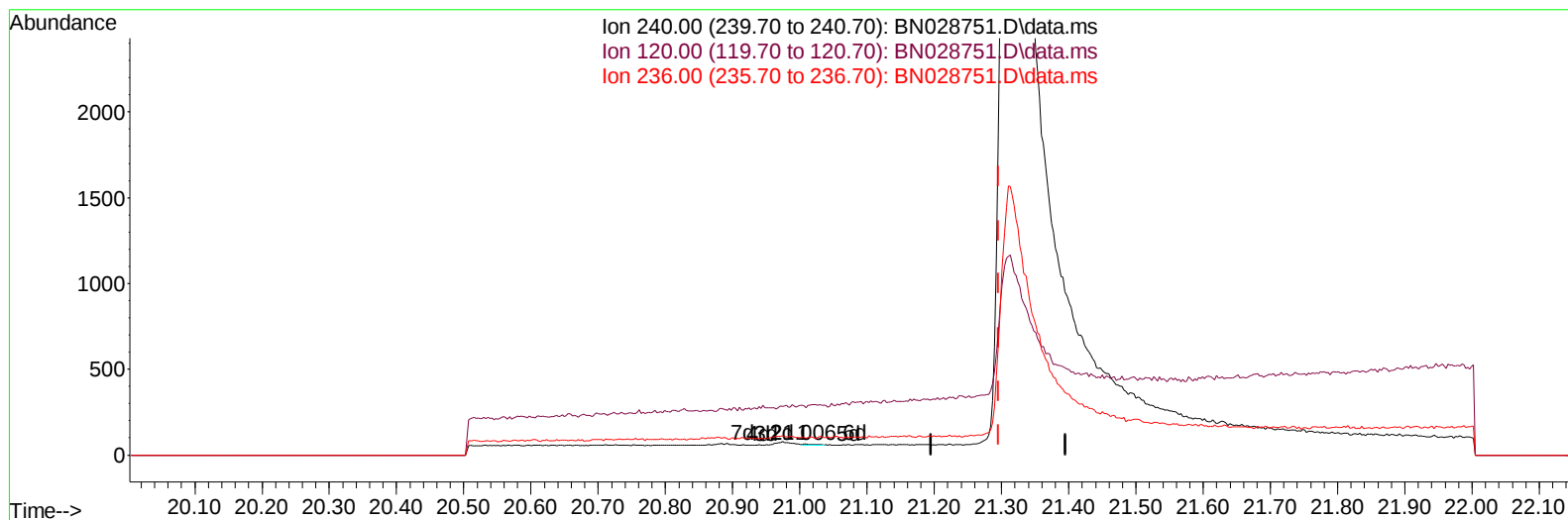
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028751.D\data.ms

(17) Chrysene-d12

21.006min (-0.289) 0.40 ng/u1

response 4

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	445.31#
236.00	28.00	156.25#
0.00	0.00	0.00

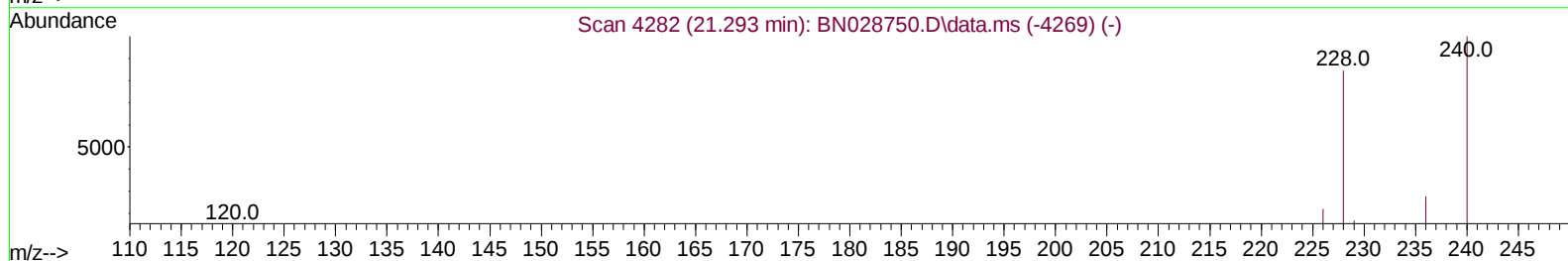
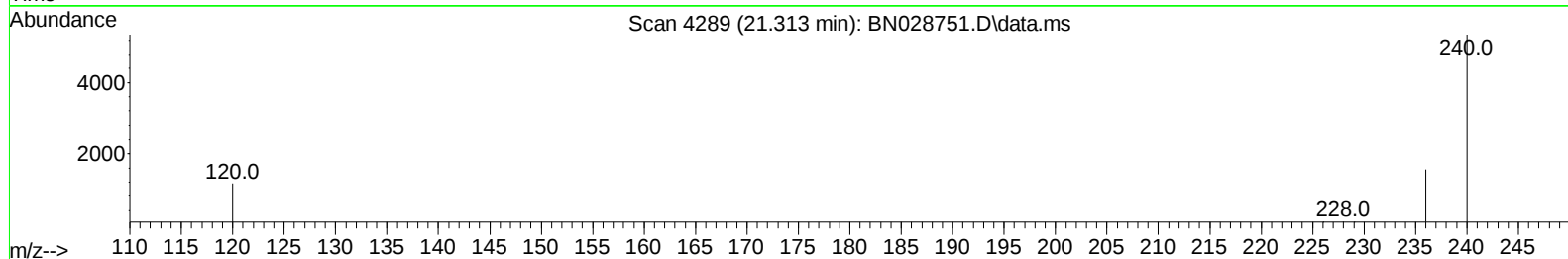
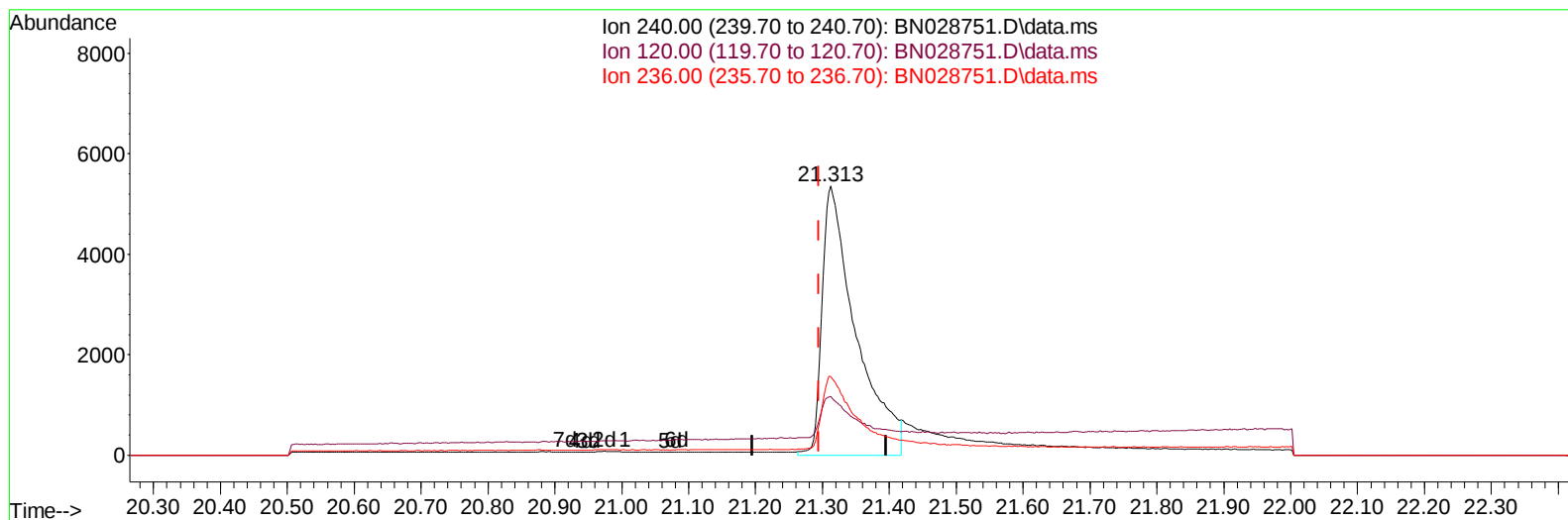
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028751.D
Acq On : 18 Nov 2023 23:04
Operator : MA/JU
Sample : PB157224BL
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
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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: BN028751.D\data.ms

(17) Chrysene-d12

21.313min (+ 0.017) 0.40 ng/ul m

response 18762

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.77#
236.00	28.00	29.23
0.00	0.00	0.00

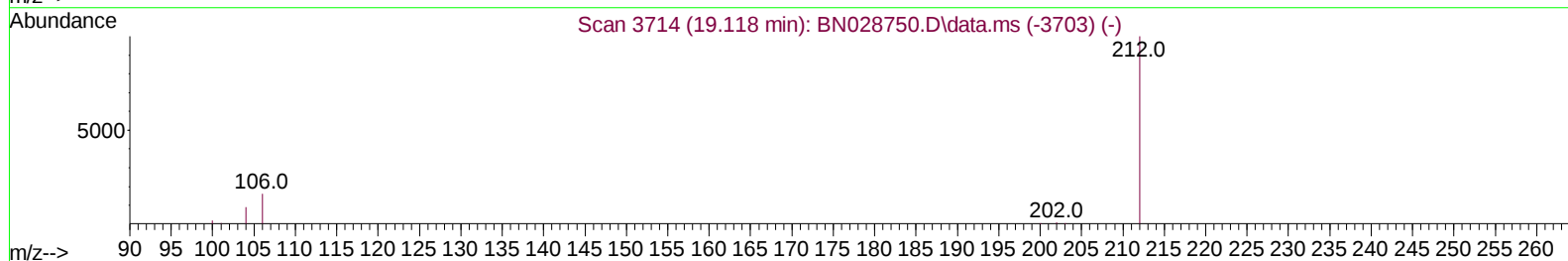
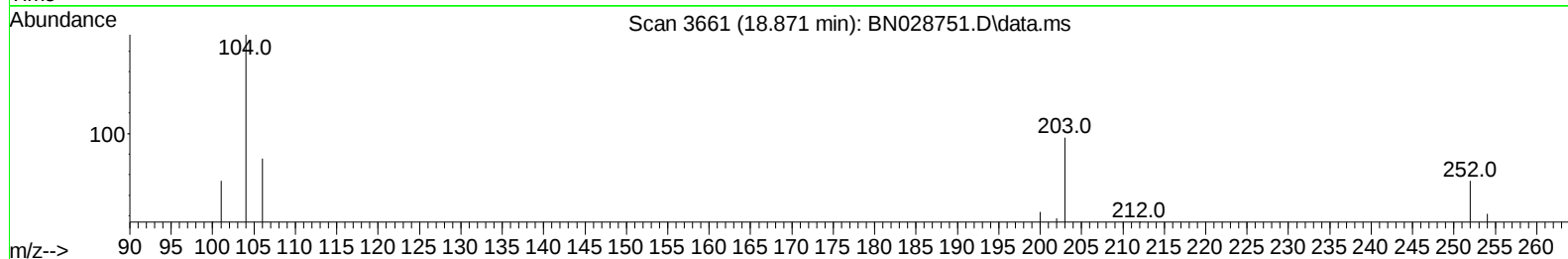
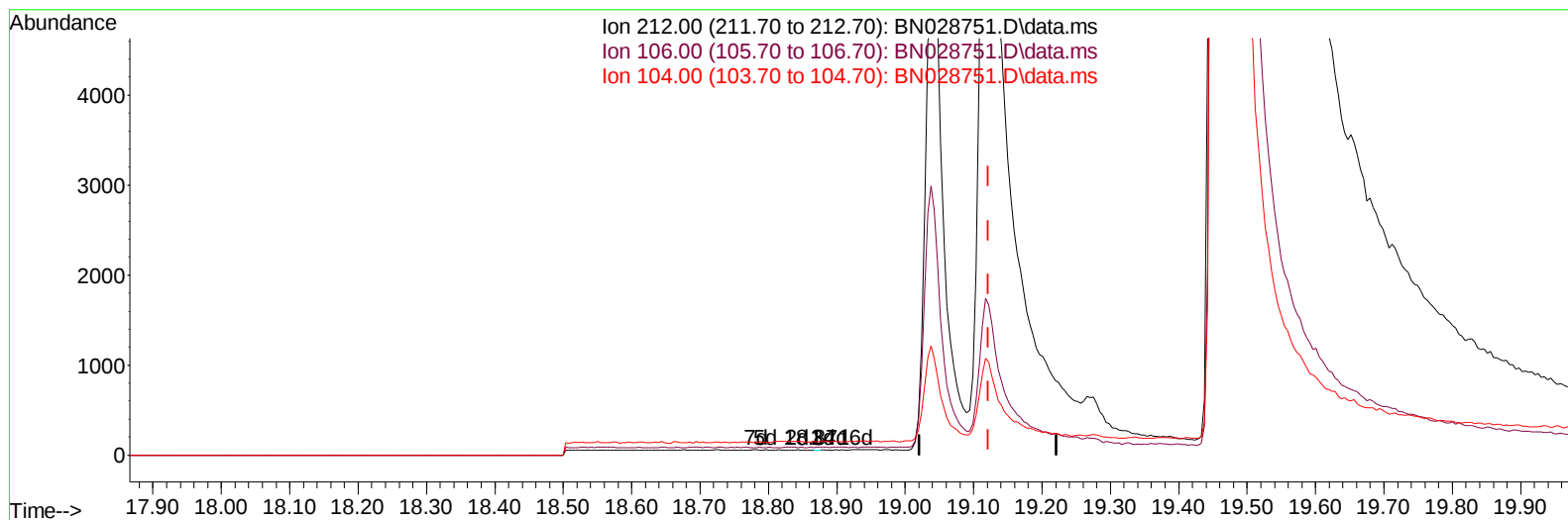
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028751.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.871min (-0.251) 0.00 ng/u1

response 1

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	200.00#
104.00	8.30	0.00#
0.00	0.00	0.00

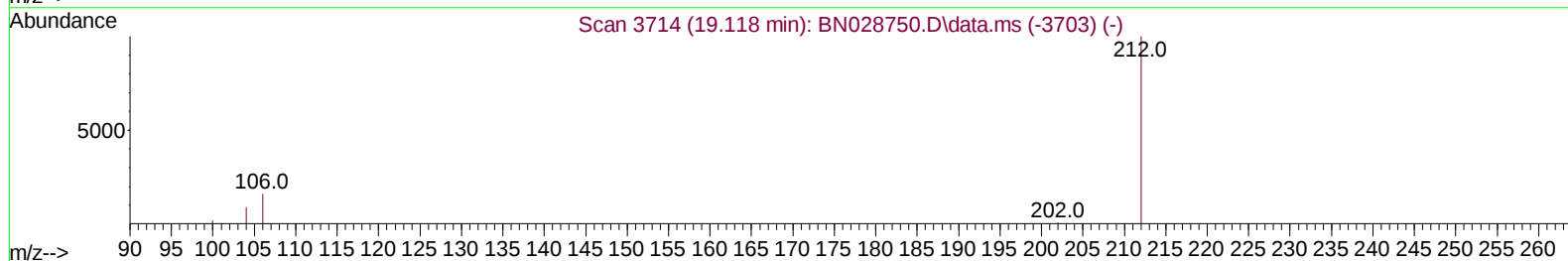
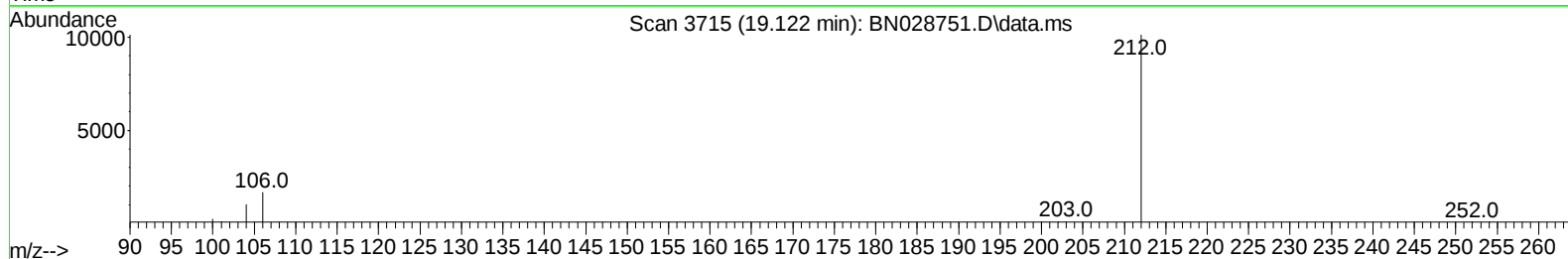
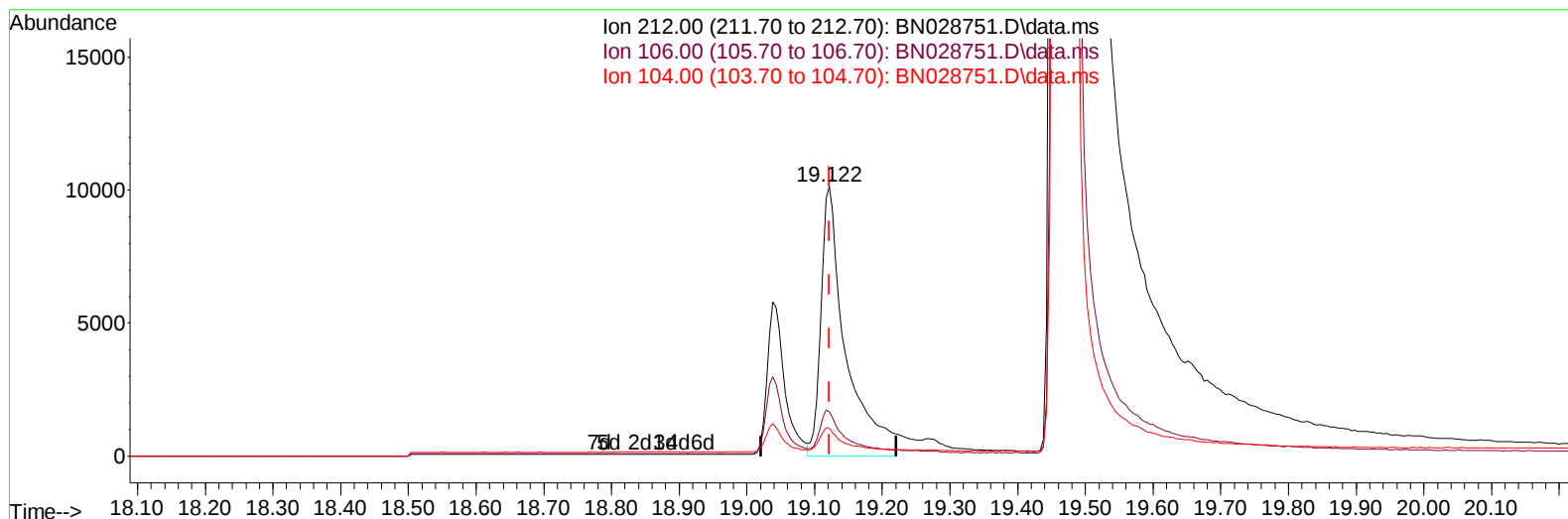
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 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: BN028751.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.122min (-0.000) 0.42 ng/u1 m

response 25589

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.01#
104.00	8.30	0.00#
0.00	0.00	0.00

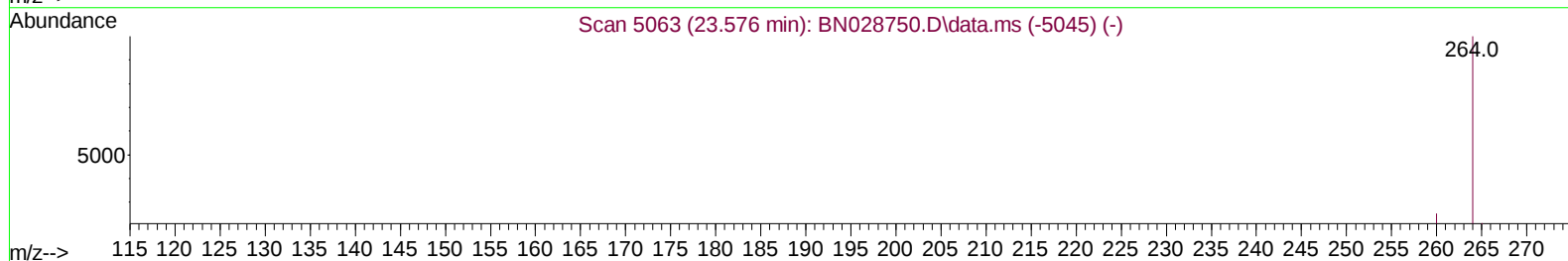
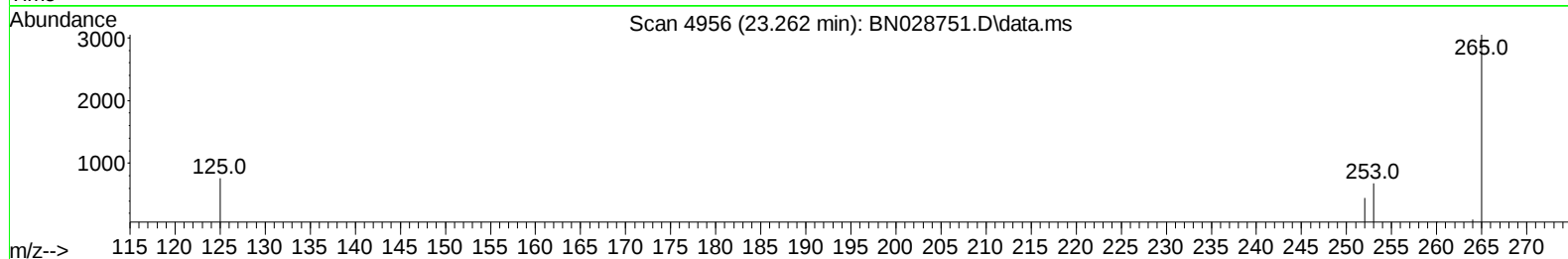
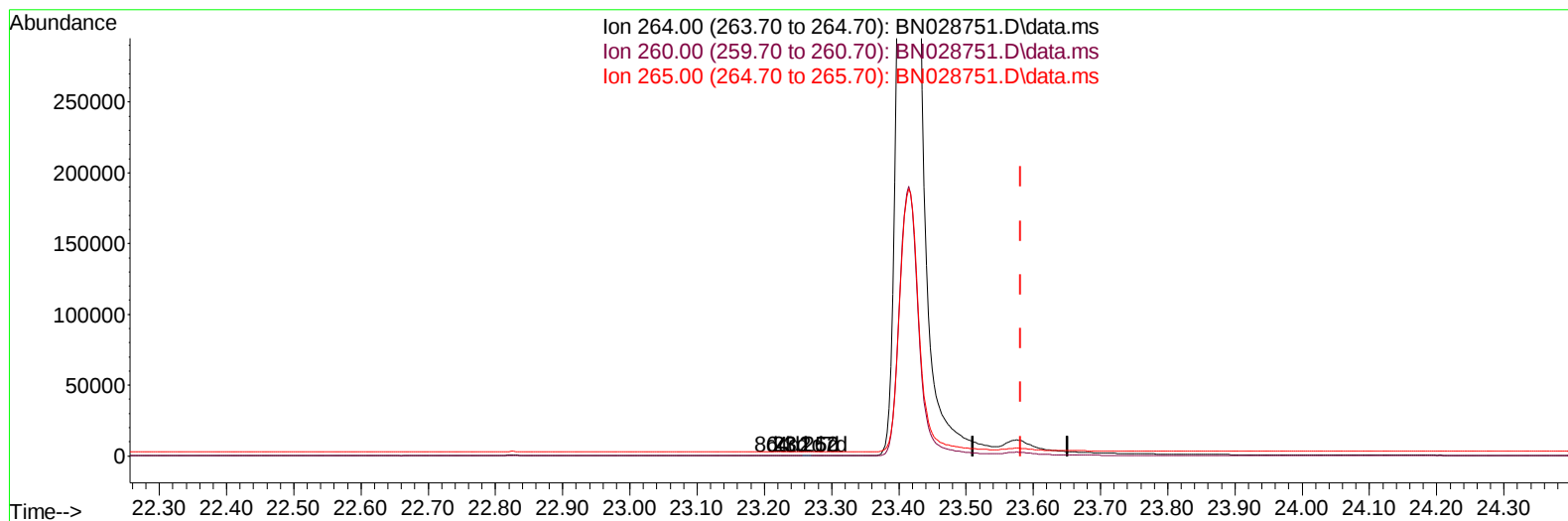
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

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TIC: BN028751.D\data.ms

(23) Perylene-d12 (I)

23.262min (-0.319) 0.40 ng/u1

response 2

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	63.00#
265.00	38.80	3049.00#
0.00	0.00	0.00

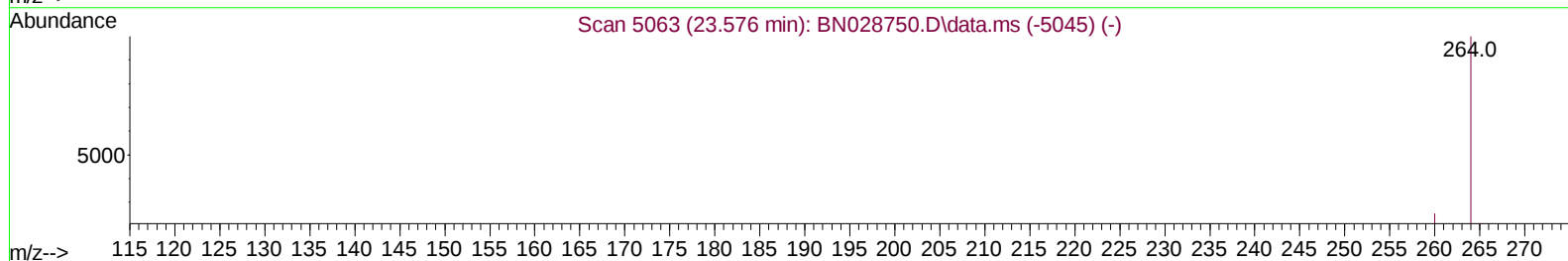
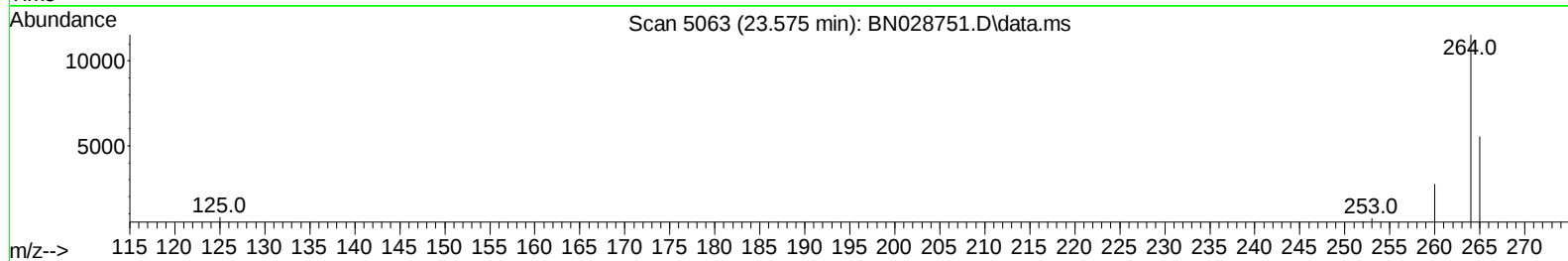
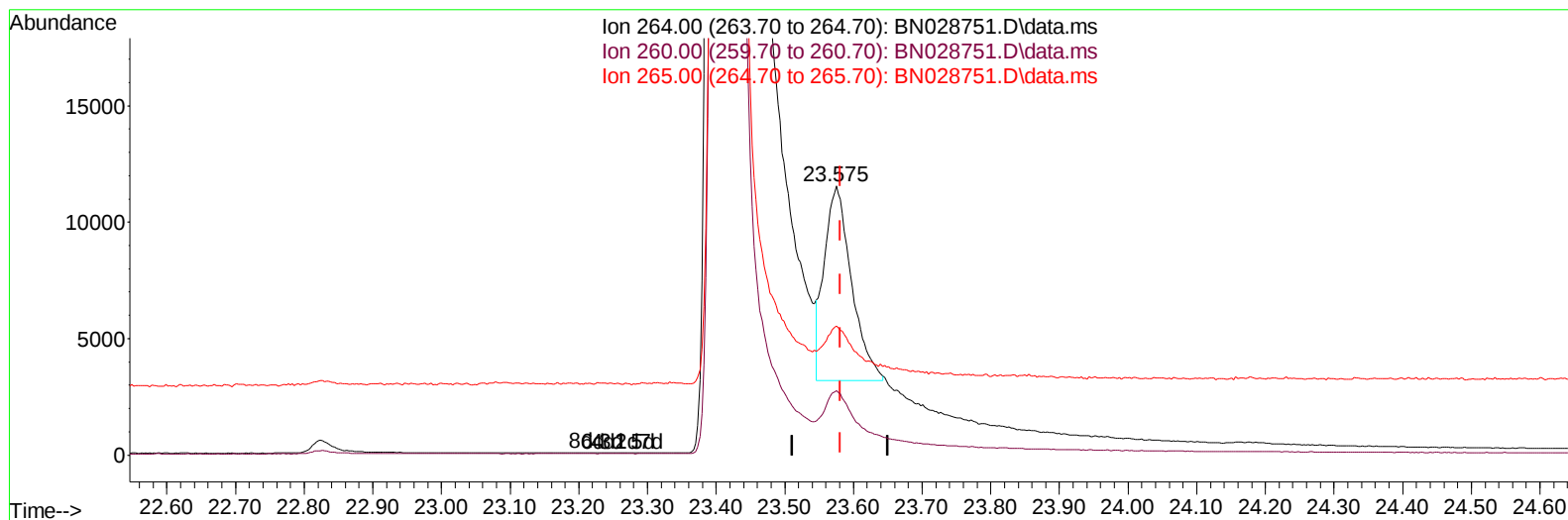
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

Manual IntegrationsAPPROVED

Quant Time: Nov 19 23:37:11 2023
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TIC: BN028751.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response 22911

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	23.94
265.00	38.80	48.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028751.D
 Acq On : 18 Nov 2023 23:04
 Operator : MA/JU
 Sample : PB157224BL
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK224

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	6879m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.479	136	30970m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.320	164	17094m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	31218m	0.400	ng/ul	0.00
17) Chrysene-d12	21.313	240	18762m	0.400	ng/ul	0.02
23) Perylene-d12	23.575	264	22911m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	59153	7.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	6239m	0.134	ng/ul	0.08
18) Fluoranthene-d10	19.122	212	25589m	0.424	ng/ul	0.00

Target Compounds Qvalue

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

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