

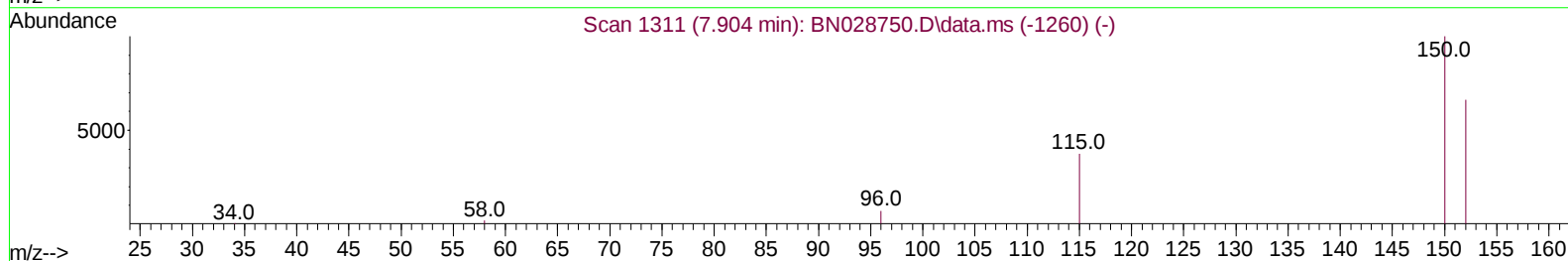
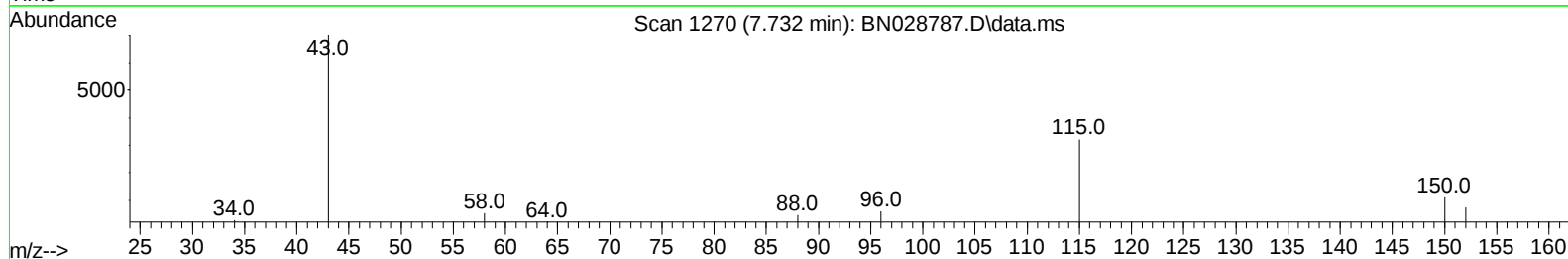
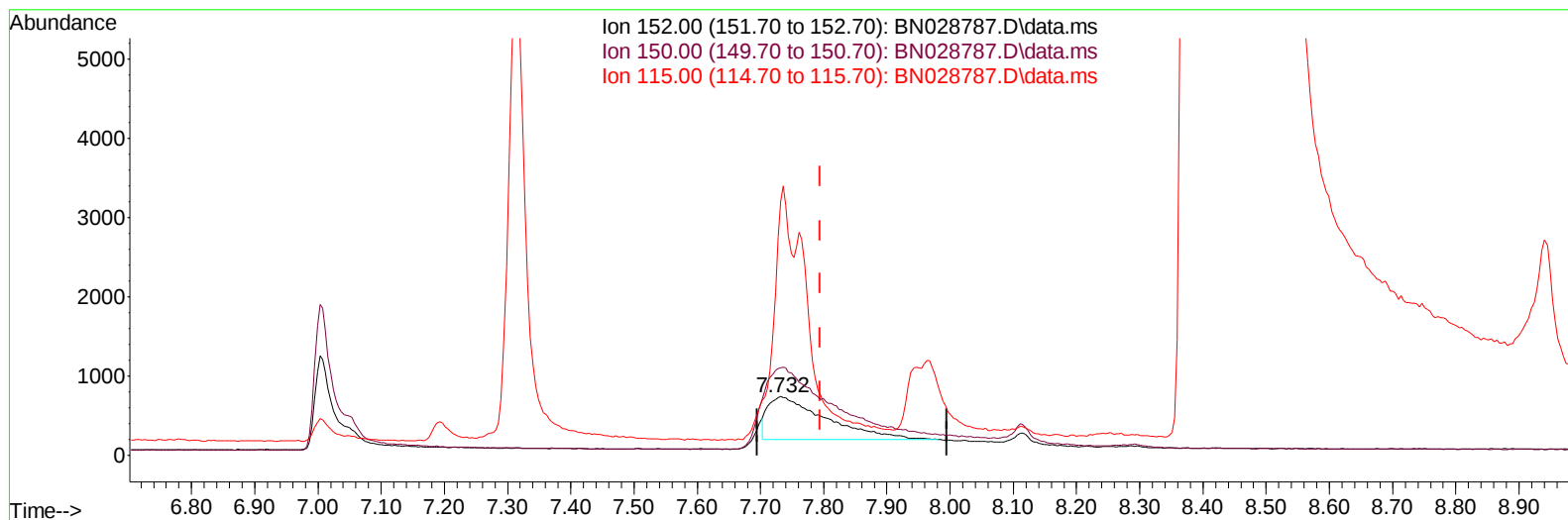
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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: BN028787.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 3552

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.78
115.00	62.20	433.92#
0.00	0.00	0.00

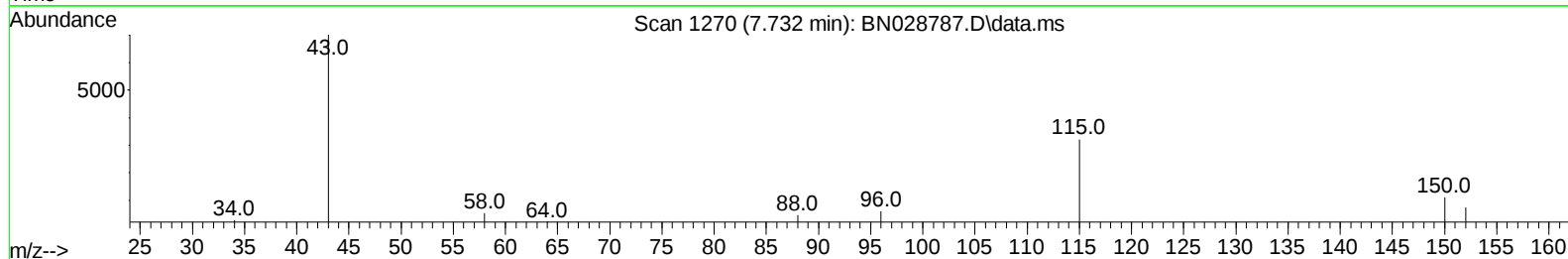
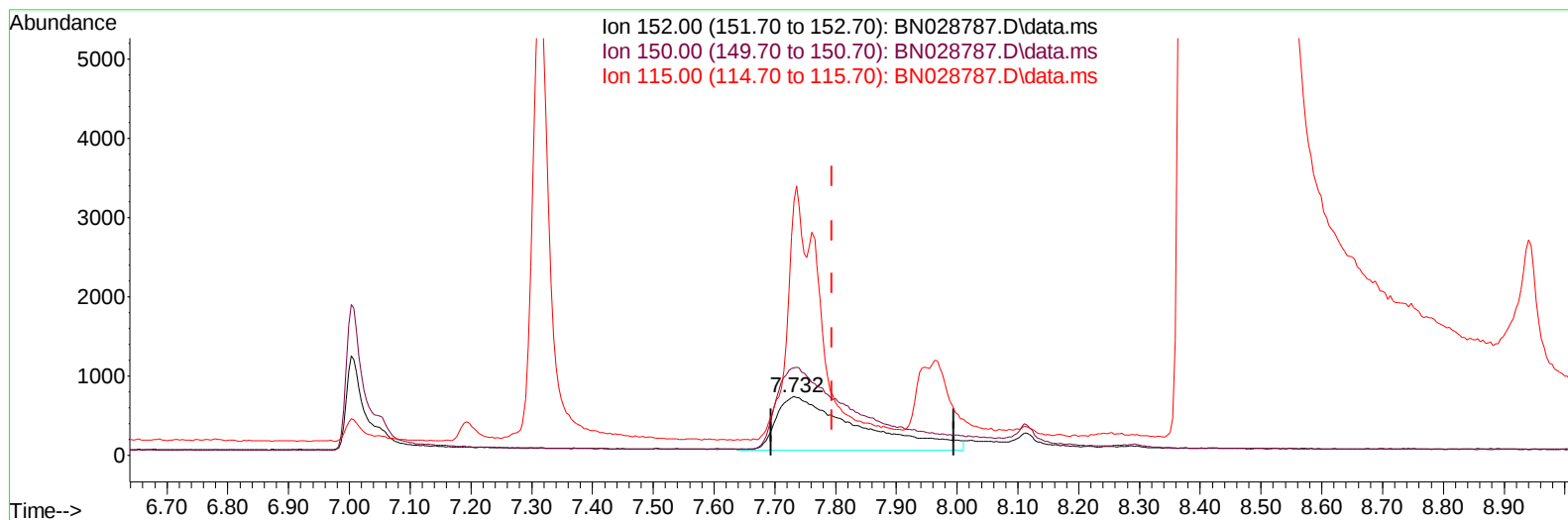
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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 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: BN028787.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 6308

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.78
115.00	62.20	433.92#
0.00	0.00	0.00

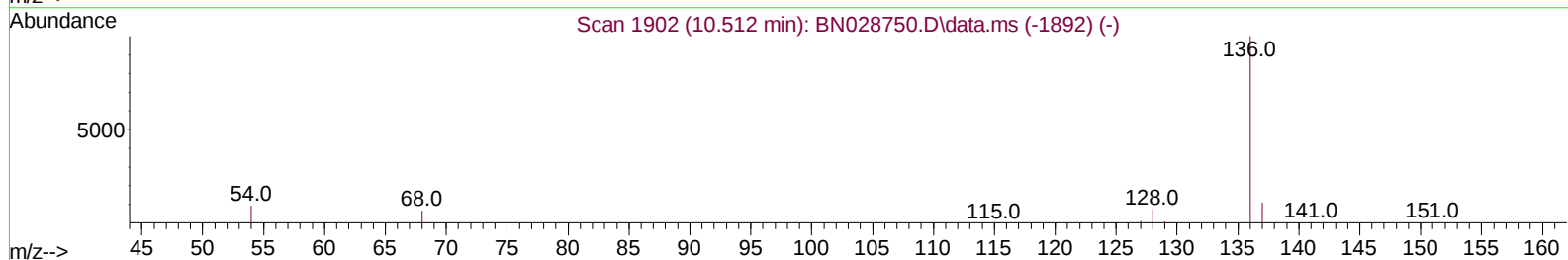
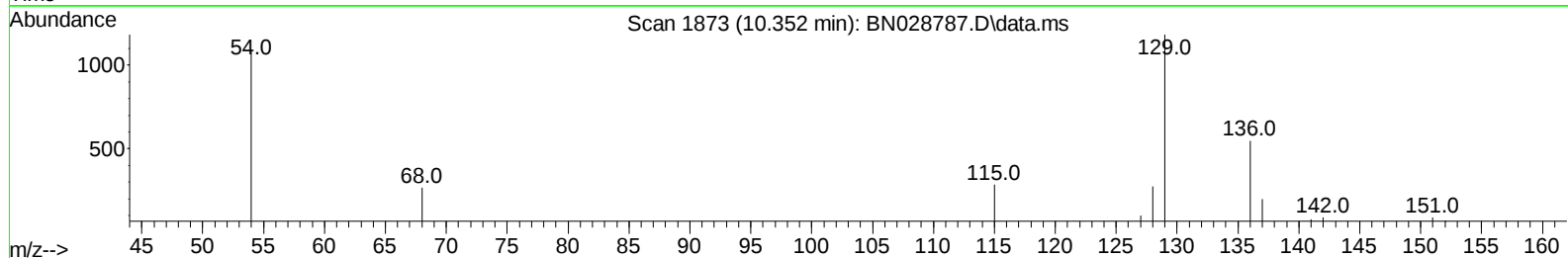
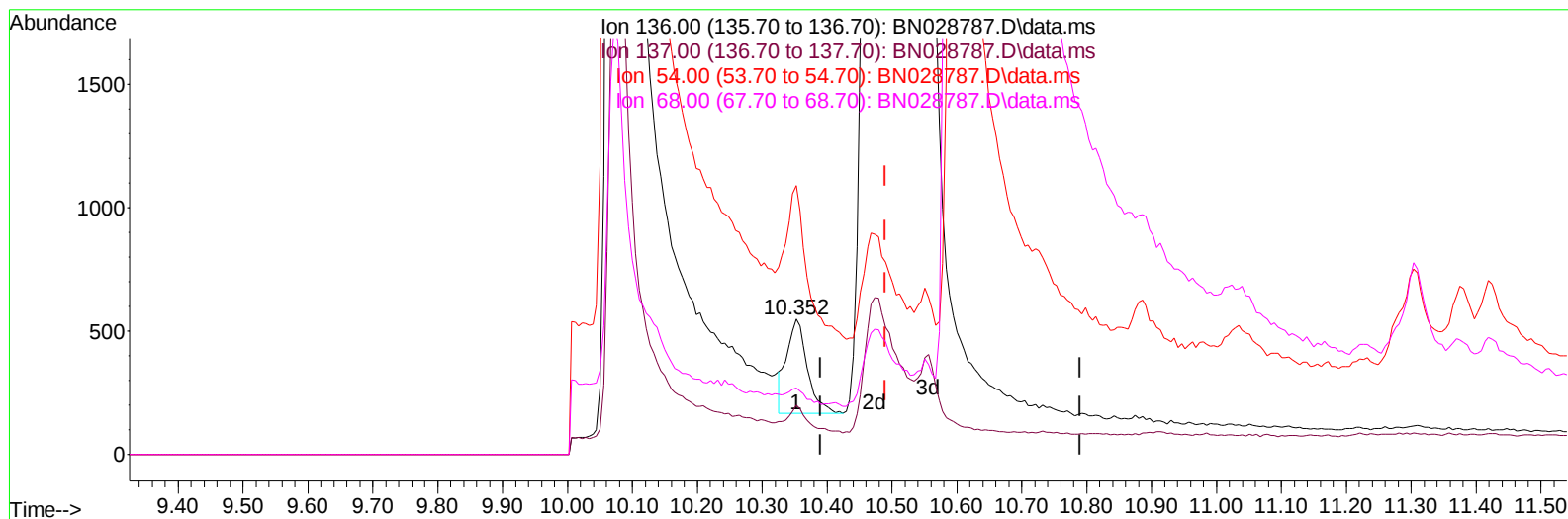
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028787.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.137) 0.40 ng/u1

response 853

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	36.13#
54.00	9.00	198.54#
68.00	7.10	48.91#

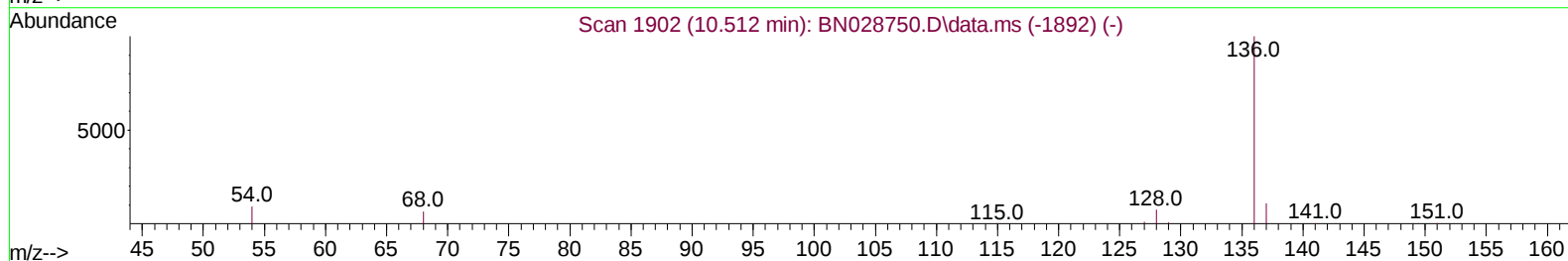
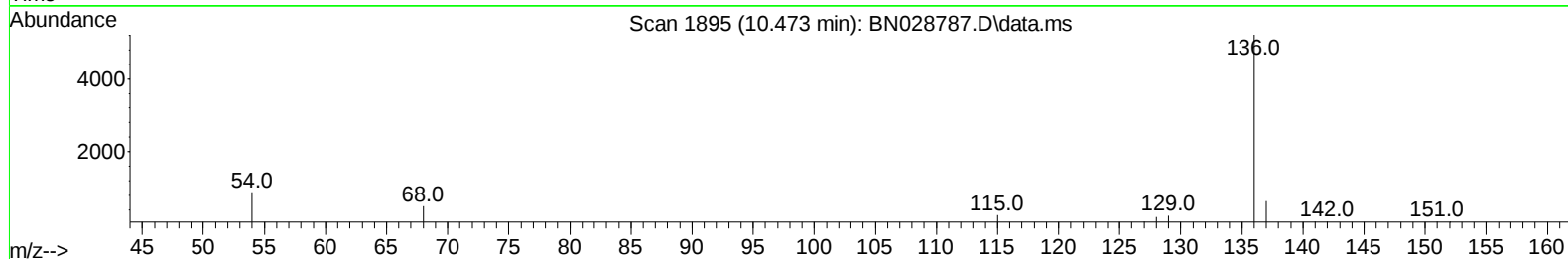
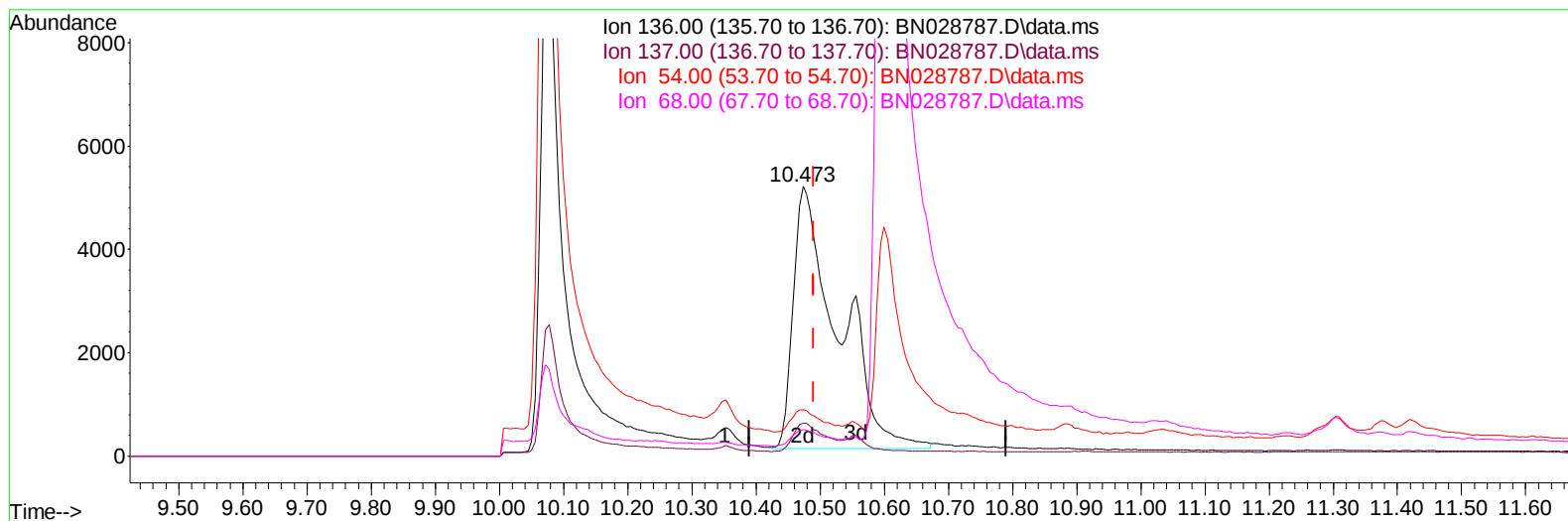
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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
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Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028787.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.016) 0.40 ng/ul m

response 24644

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.15
54.00	9.00	17.10#
68.00	7.10	9.70#

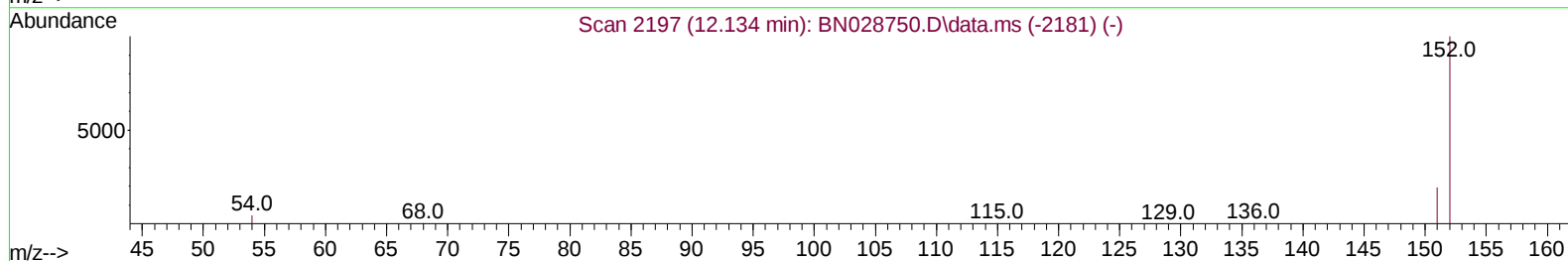
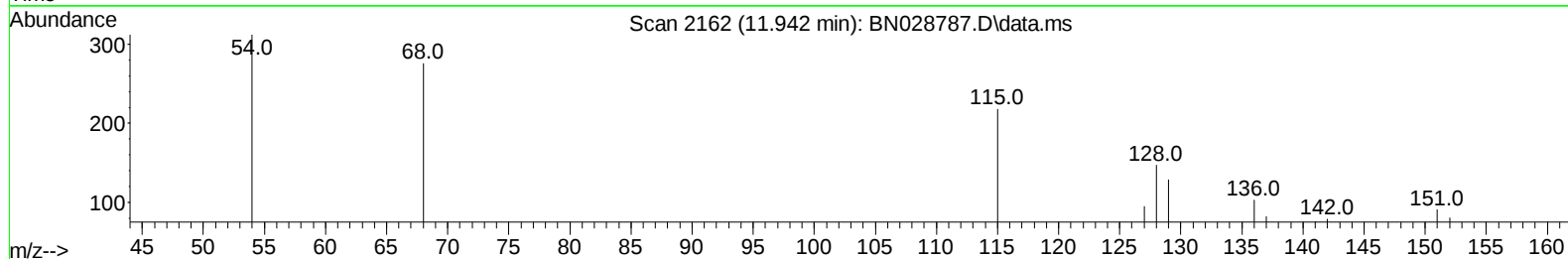
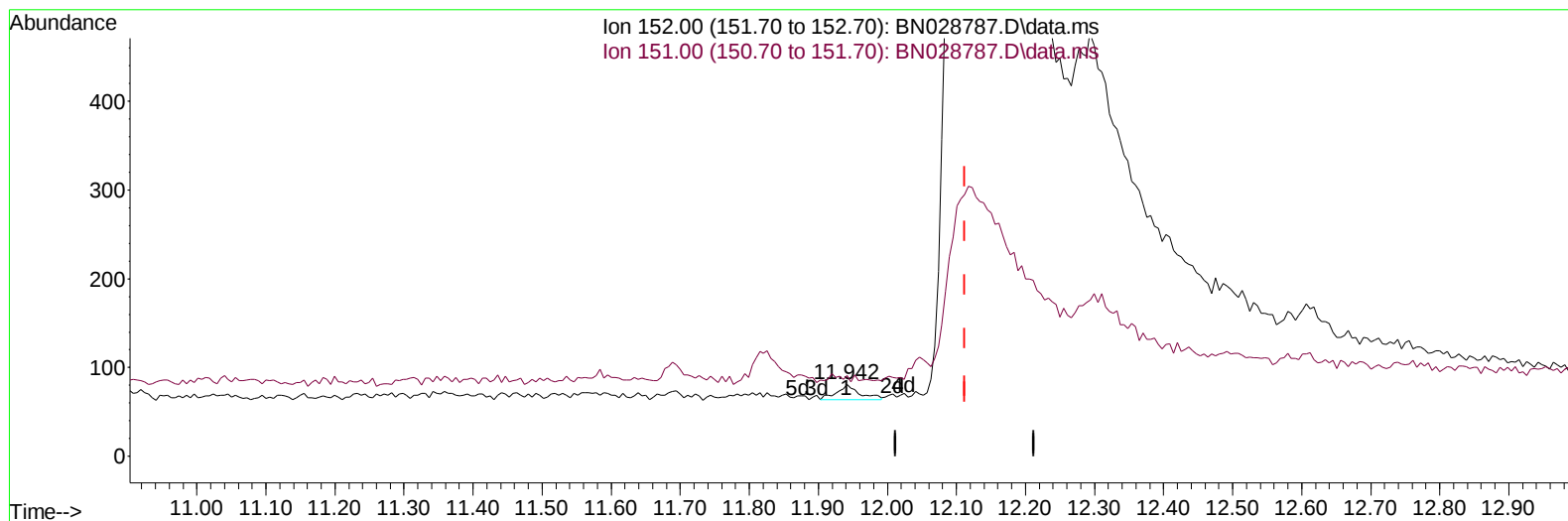
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028787.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.942min (-0.170) 0.00 ng/u1

response 38

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

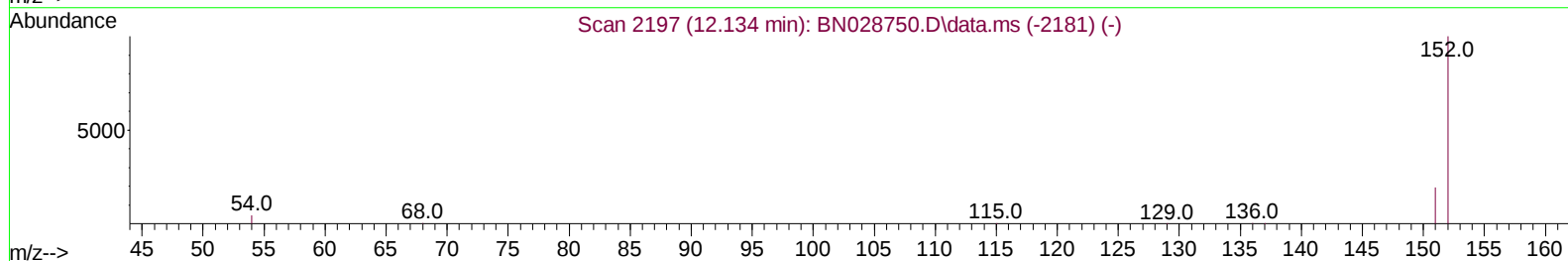
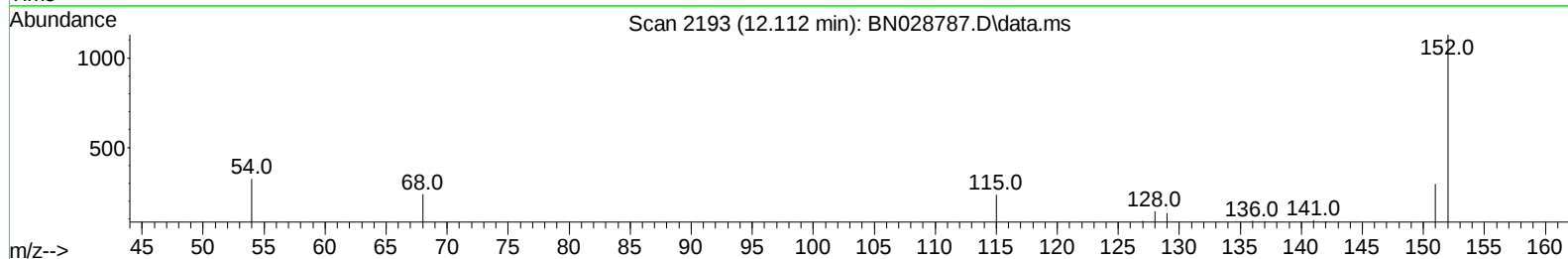
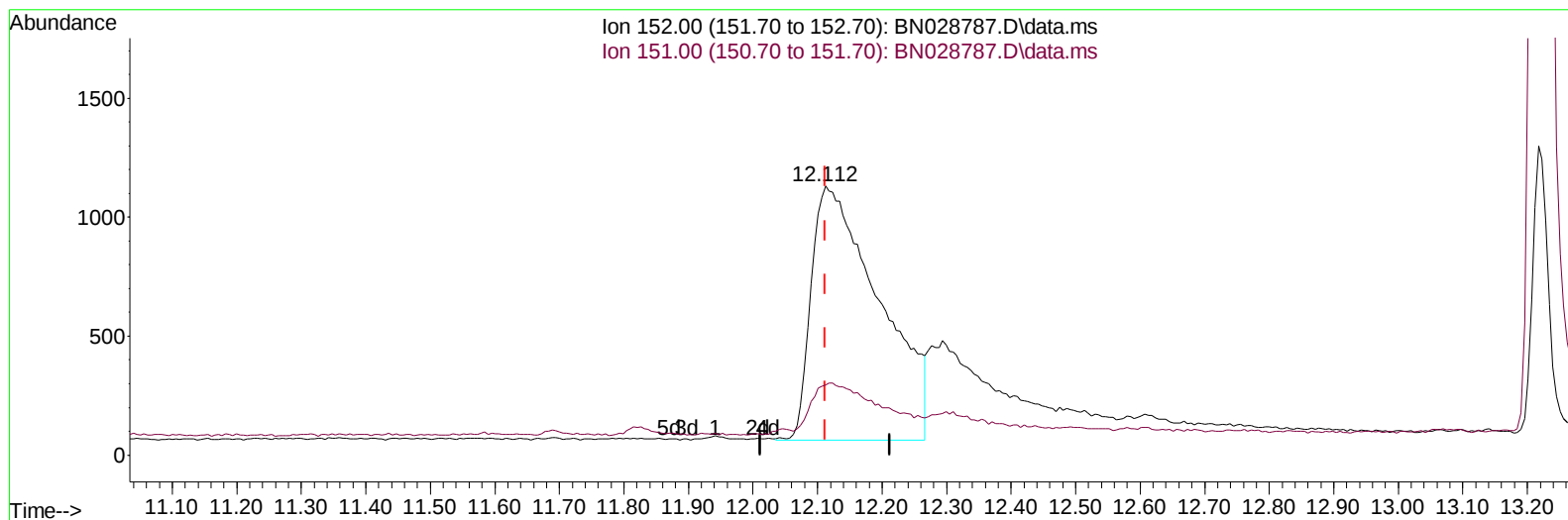
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Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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
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TIC: BN028787.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.112min (+ 0.000) 0.21 ng/ul m

response 7843

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

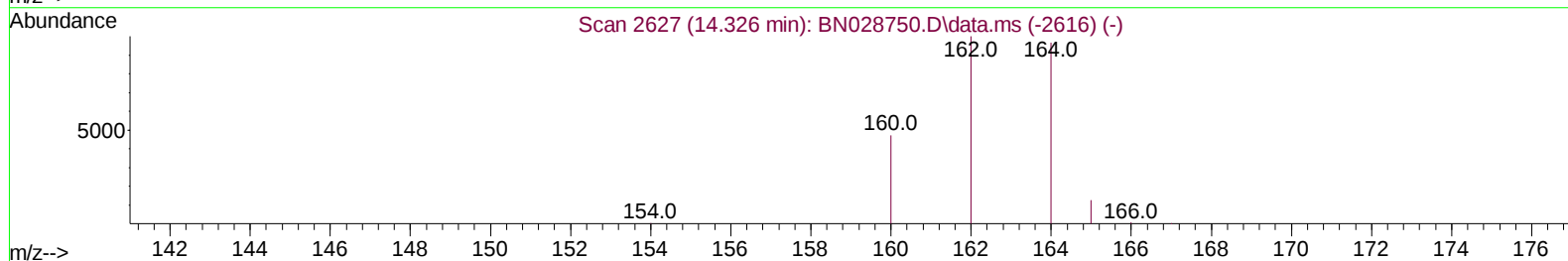
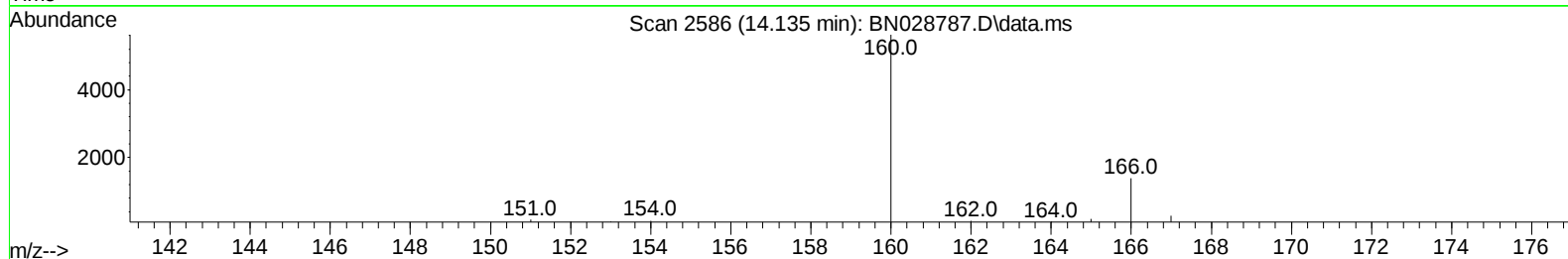
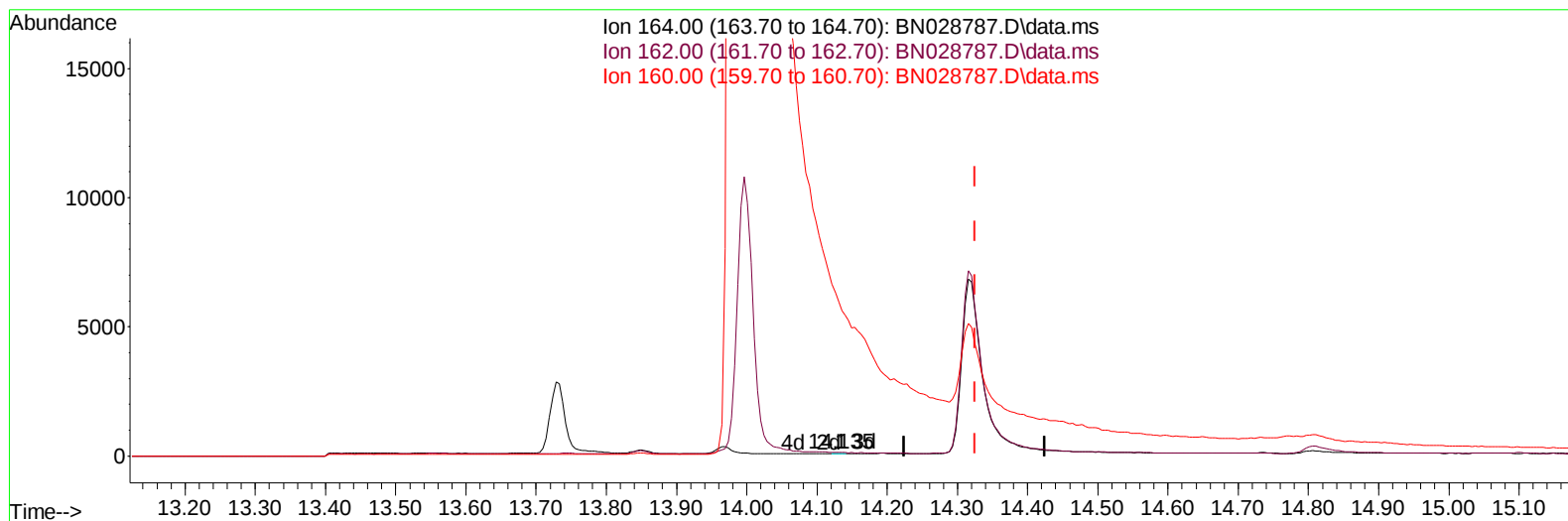
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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TIC: BN028787.D\data.ms

(9) Acenaphthene-d10 (I)

14.135min (-0.190) 0.40 ng/u1

response 4

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	136.46#
160.00	49.20	5858.33#
0.00	0.00	0.00

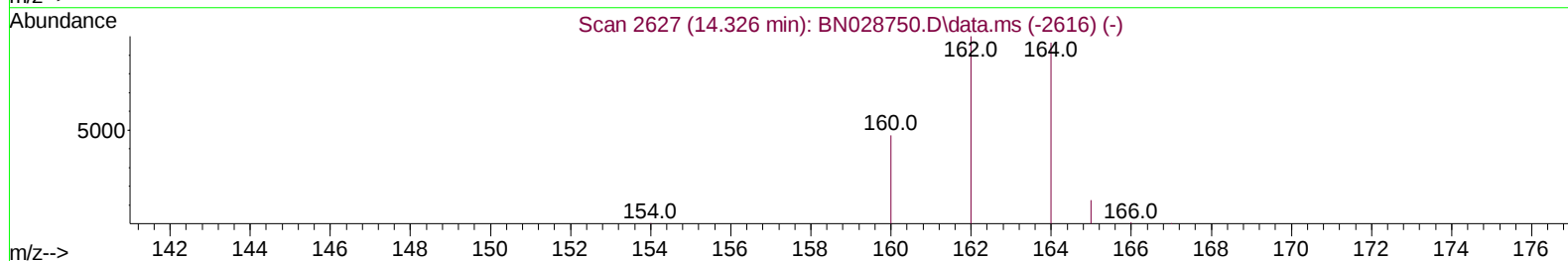
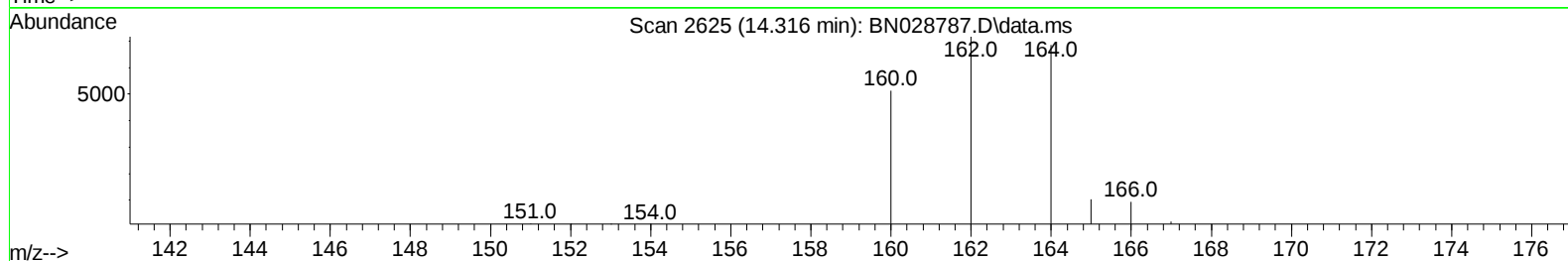
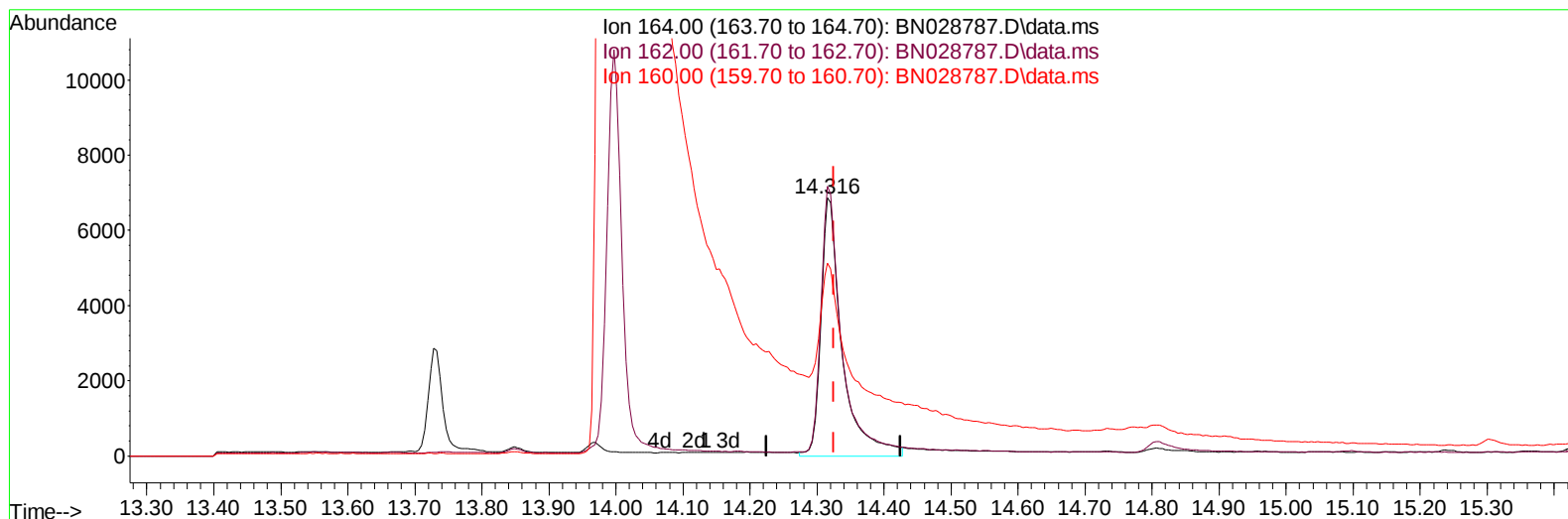
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028787.D\data.ms

(9) Acenaphthene-d10 (I)

14.316min (-0.009) 0.40 ng/u1 m

response 15111

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.43
160.00	49.20	74.81#
0.00	0.00	0.00

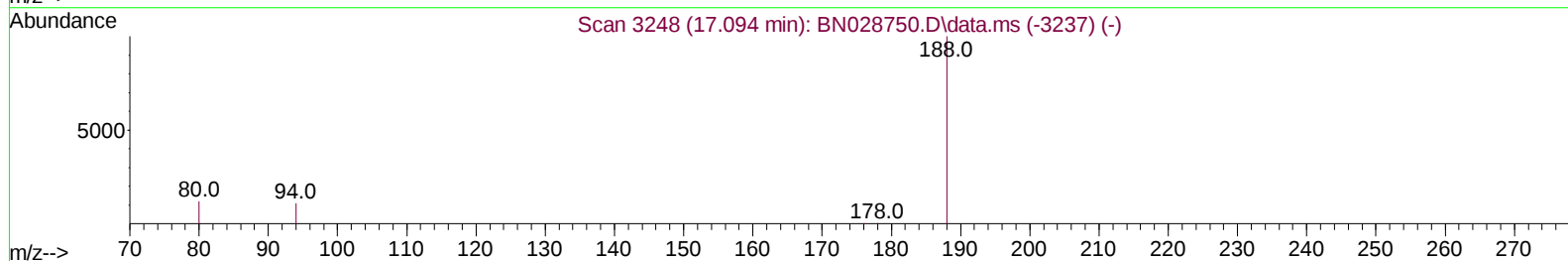
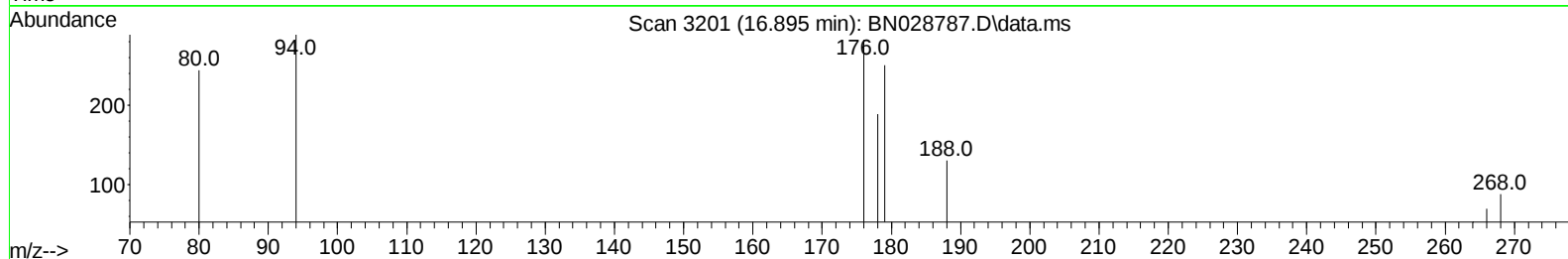
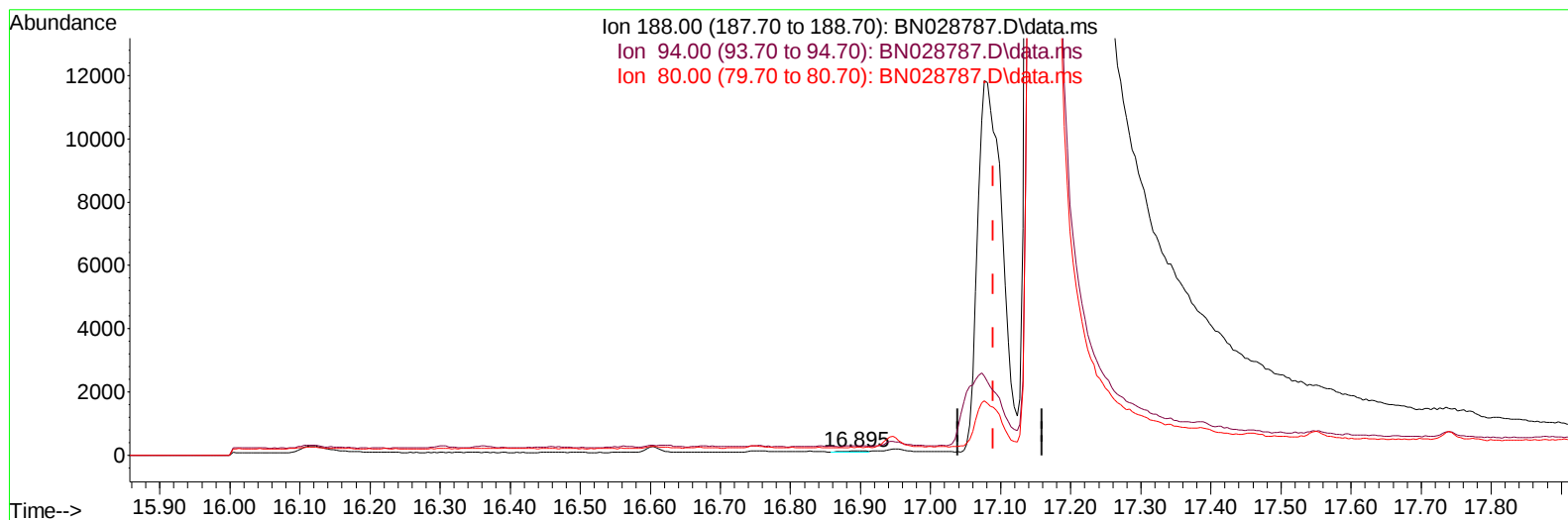
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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TIC: BN028787.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.194) 0.40 ng/u1

response 68

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	220.61#
80.00	10.90	186.26#
0.00	0.00	0.00

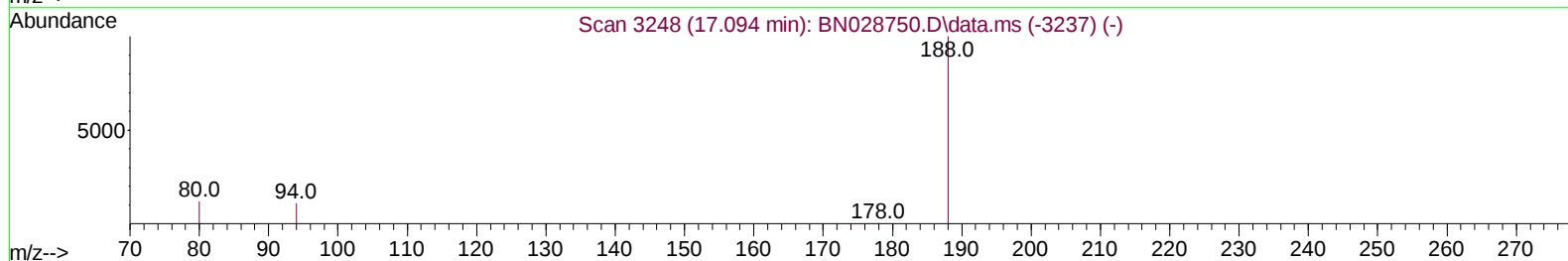
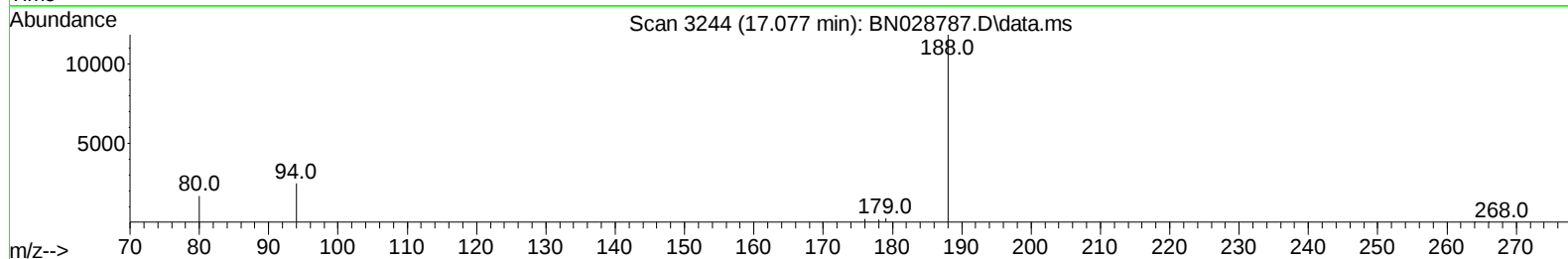
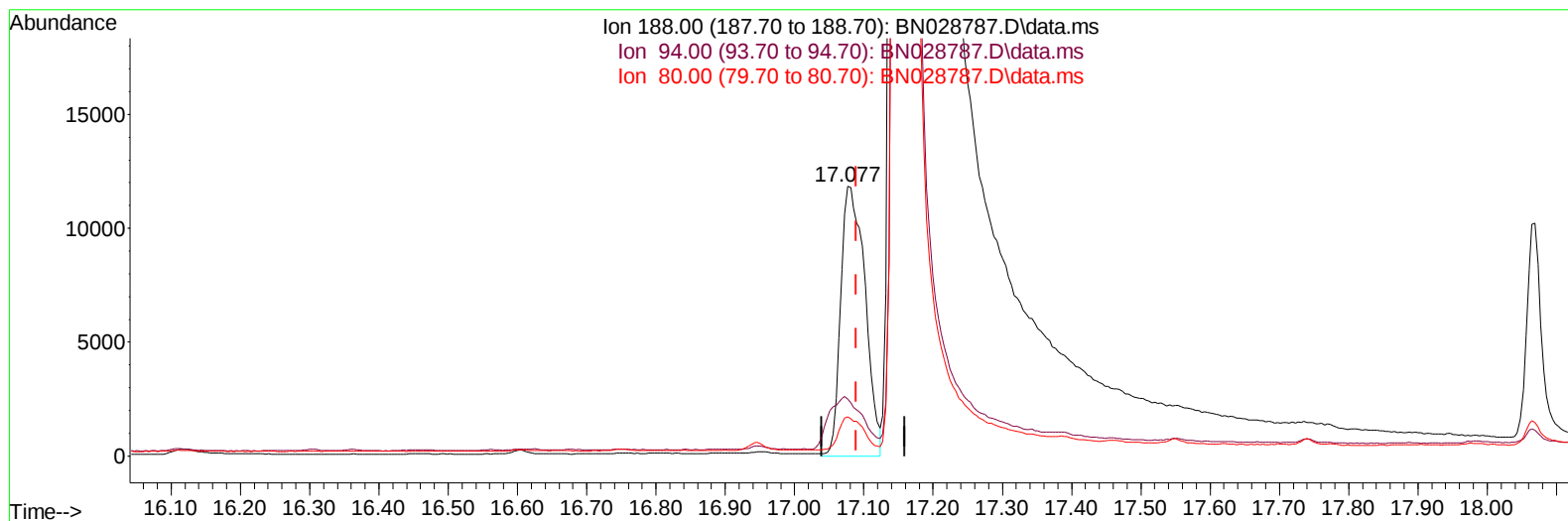
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Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028787.D\data.ms

(13) Phenanthrene-d10 (I)

17.077min (-0.013) 0.40 ng/ul m

response 28734

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	21.02#
80.00	10.90	14.45#
0.00	0.00	0.00

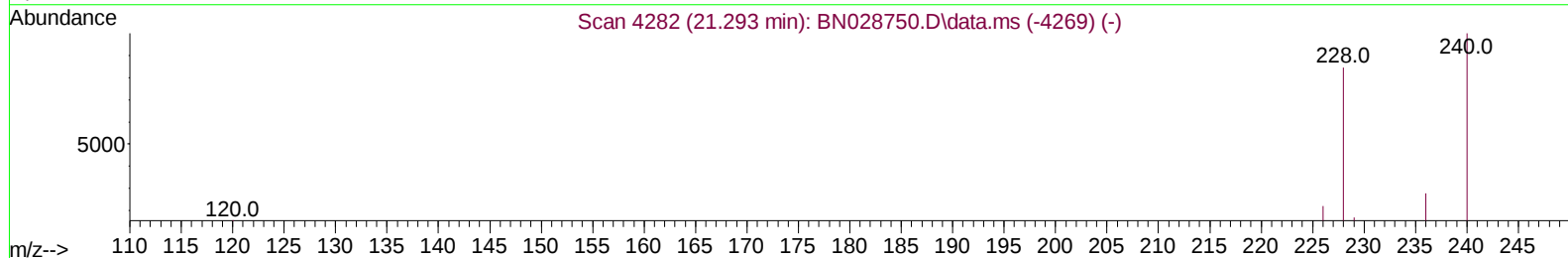
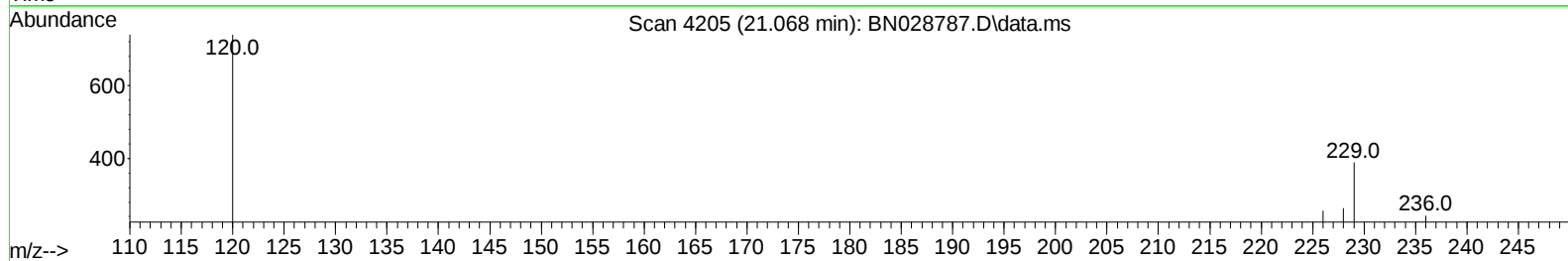
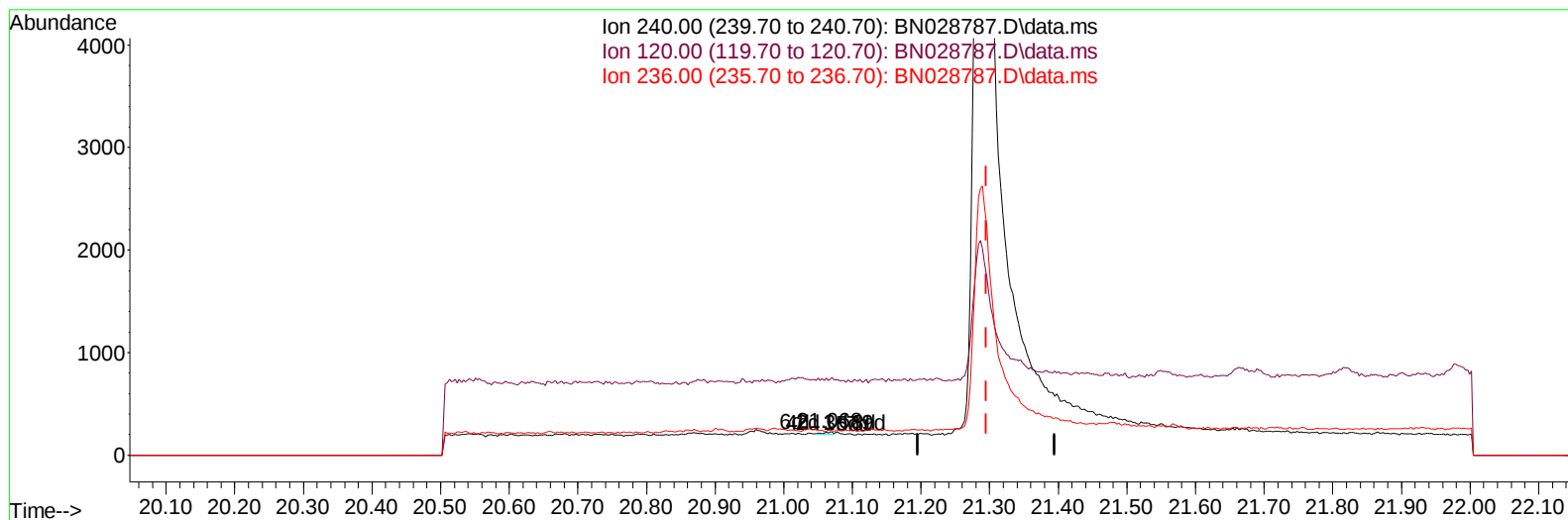
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Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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TIC: BN028787.D\data.ms

(17) Chrysene-d12

21.068min (-0.228) 0.40 ng/u1

response 25

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	328.89#
236.00	28.00	108.00#
0.00	0.00	0.00

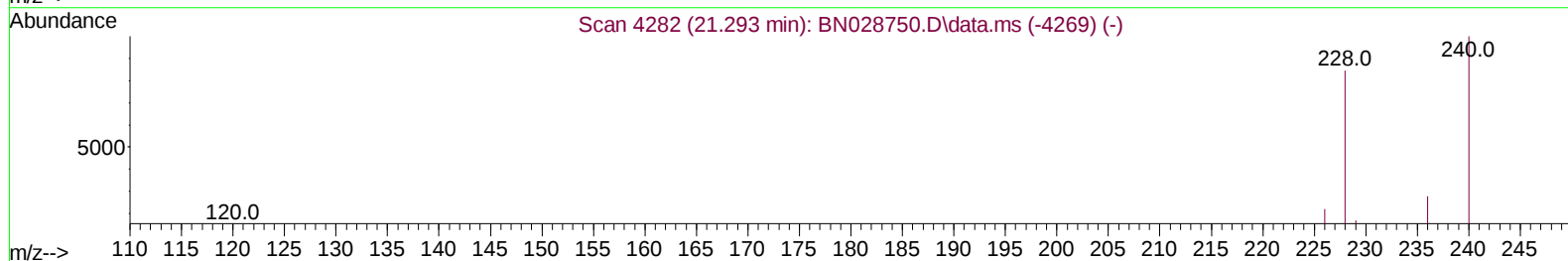
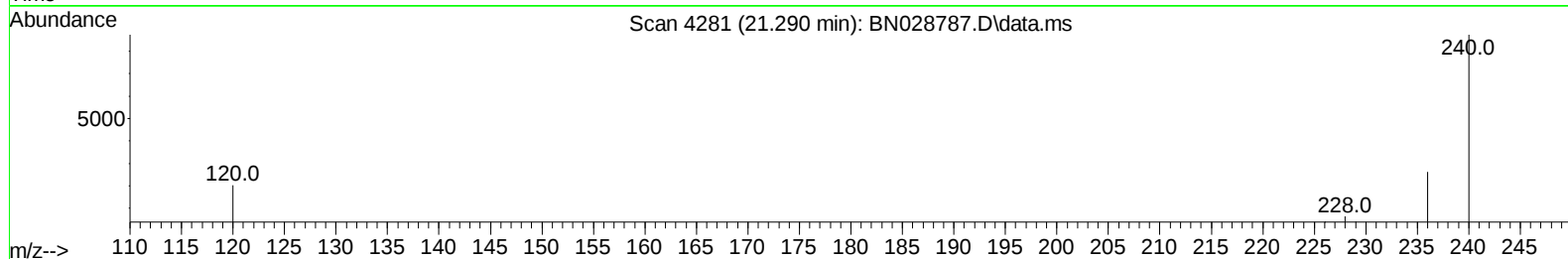
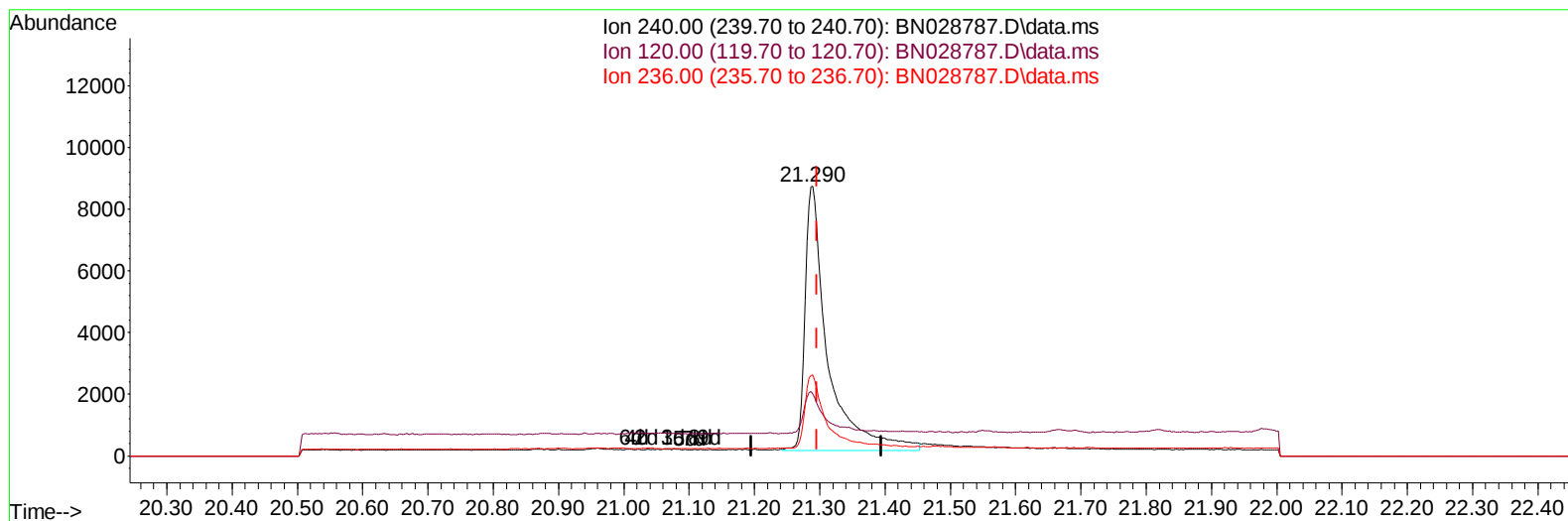
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028787.D\data.ms

(17) Chrysene-d12

21.290min (-0.006) 0.40 ng/ul m

response 20802

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	23.10#
236.00	28.00	30.03
0.00	0.00	0.00

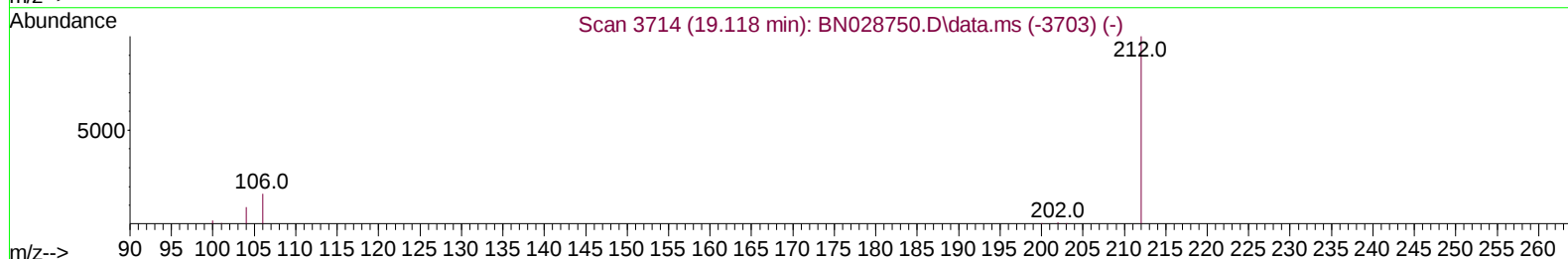
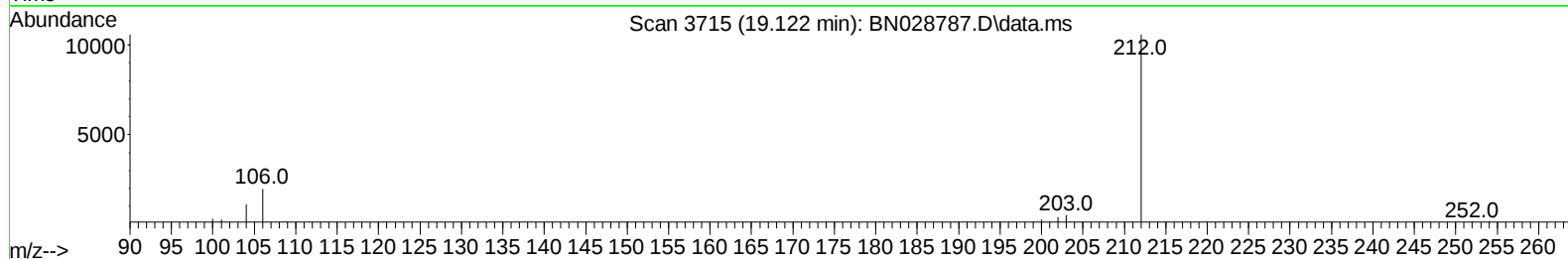
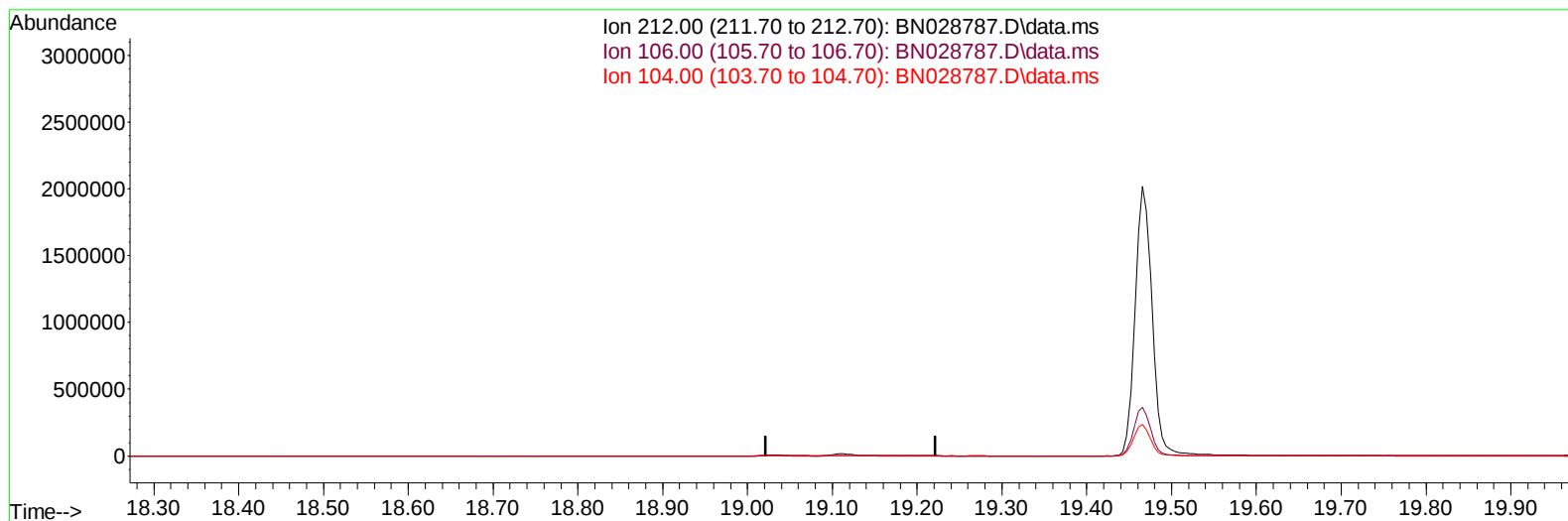
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 ALS Vial : 92 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028787.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.122min (-19.122) 0.00 ng/u1

response 0

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

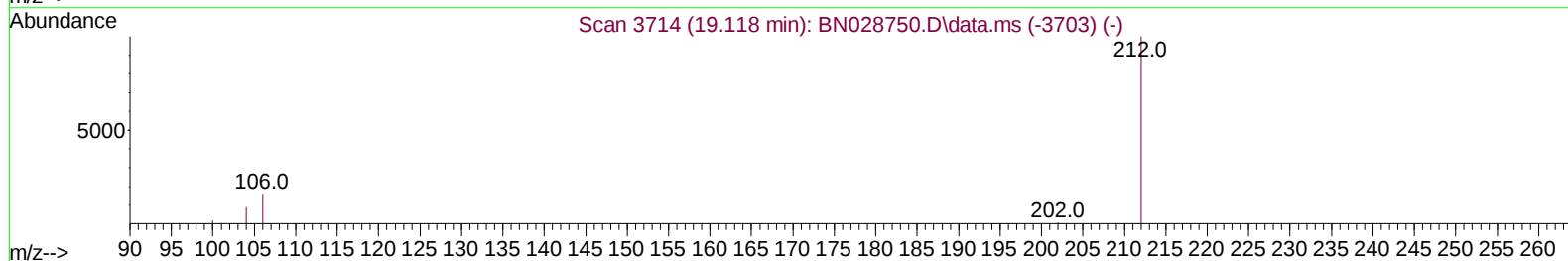
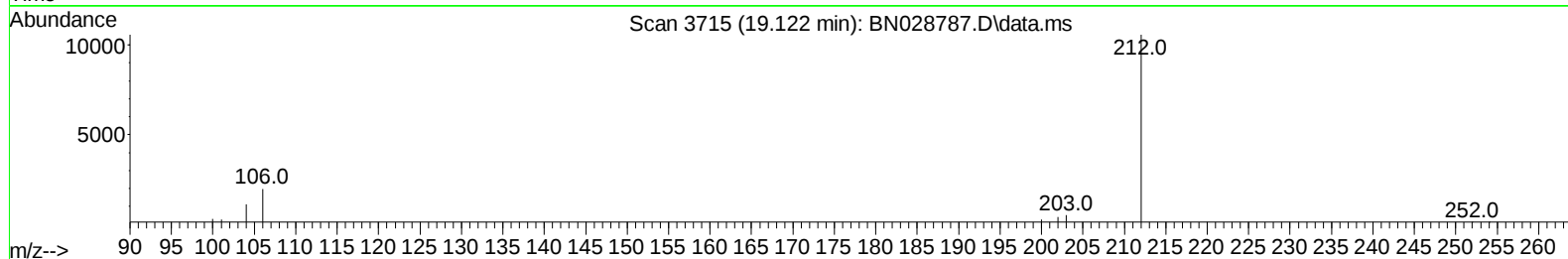
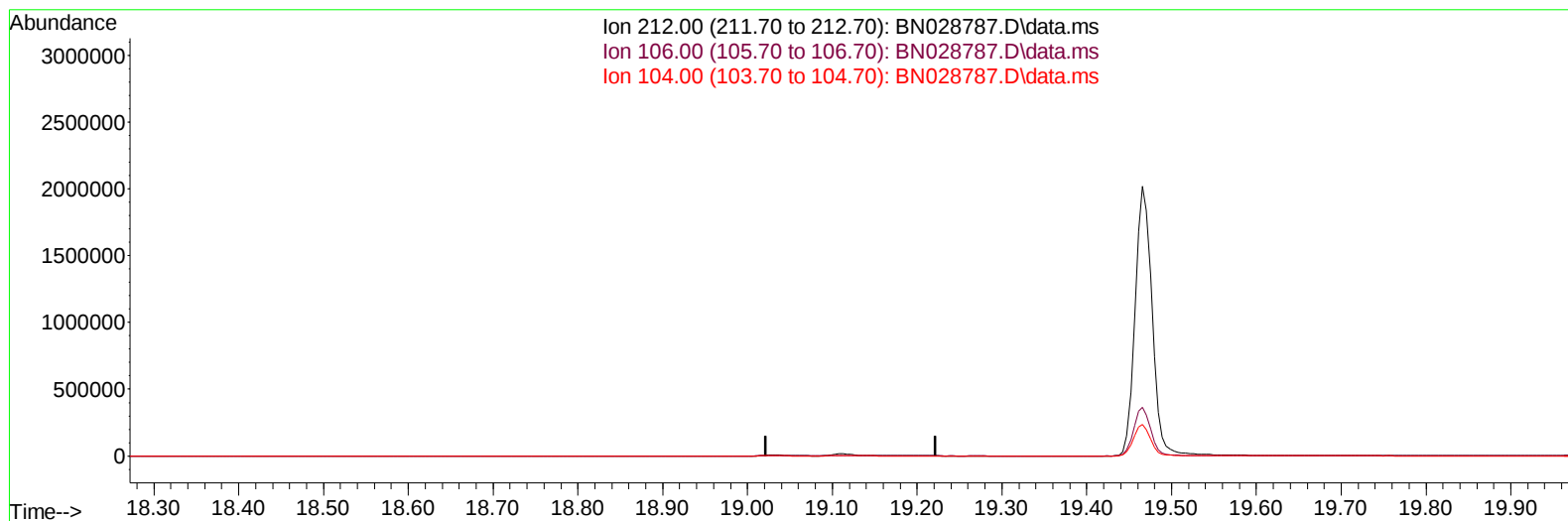
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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: BN028787.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.122min (-19.122) 0.00 ng/u1

response 0

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

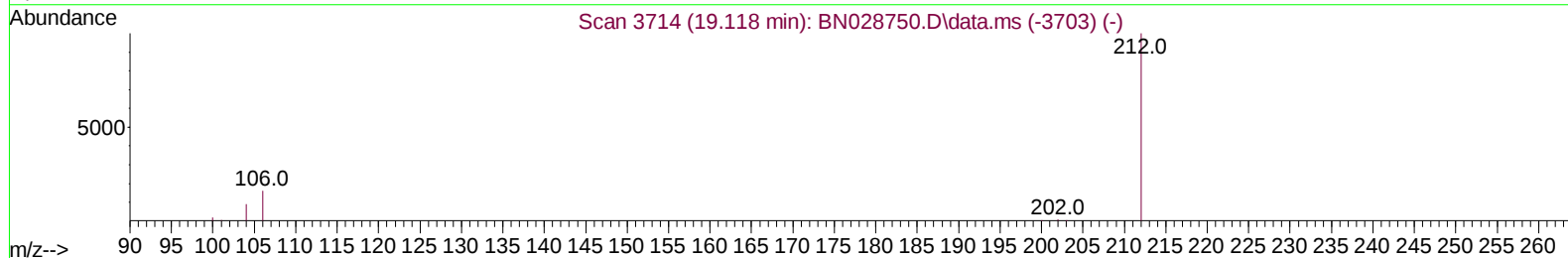
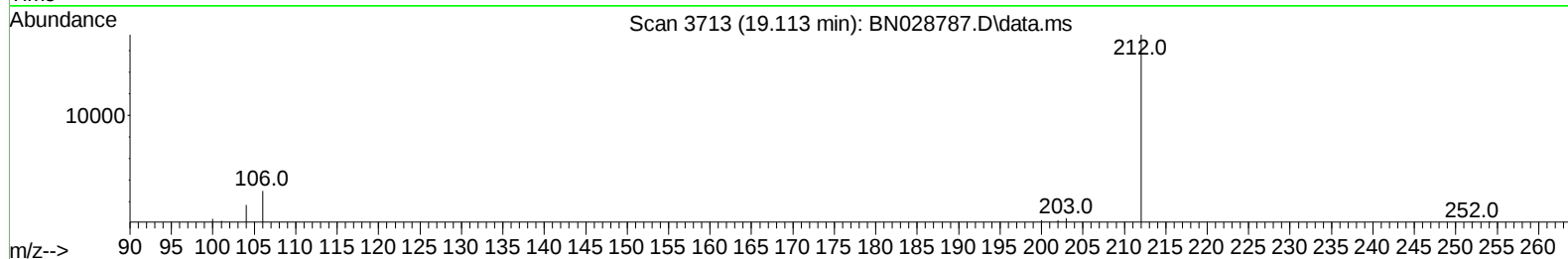
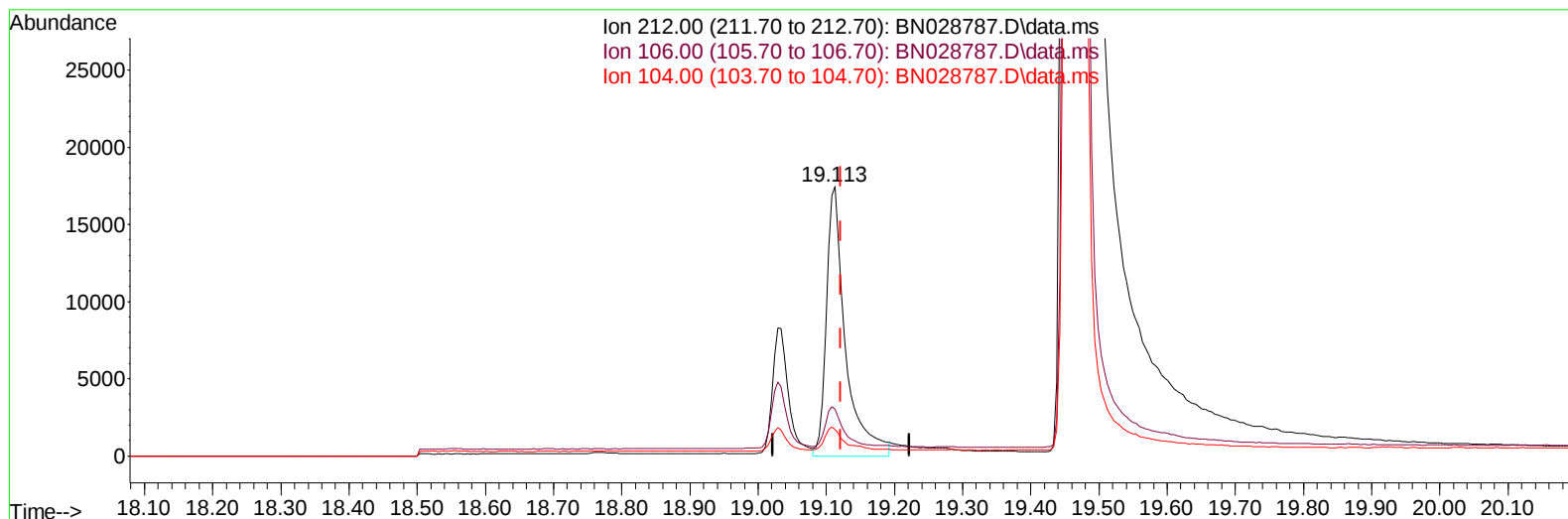
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
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 QLast Update : Mon Nov 20 01:23:26 2023
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Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028787.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.009) 0.51 ng/ul m

response 33821

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

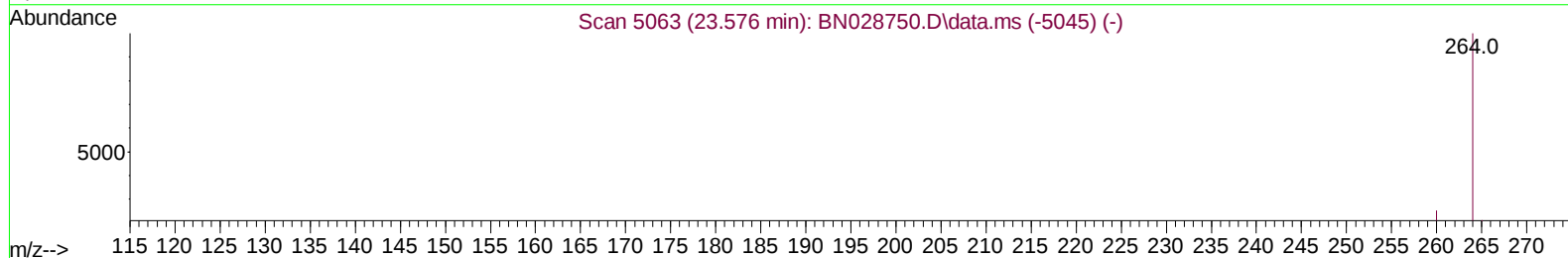
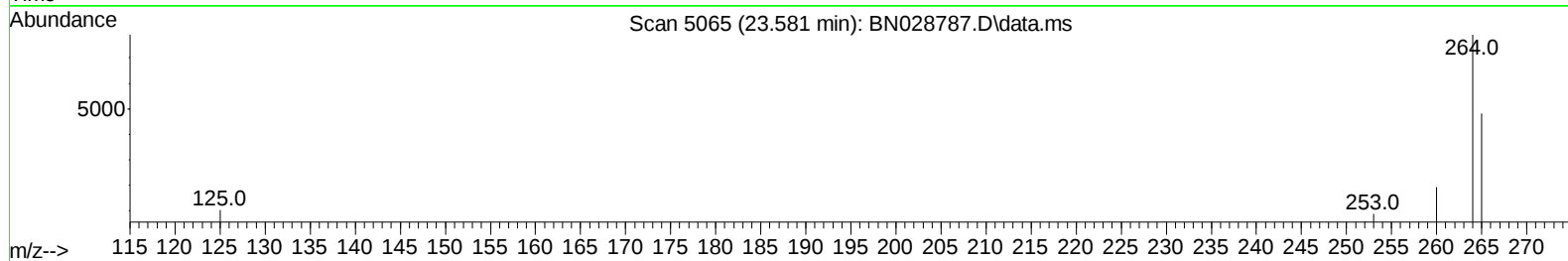
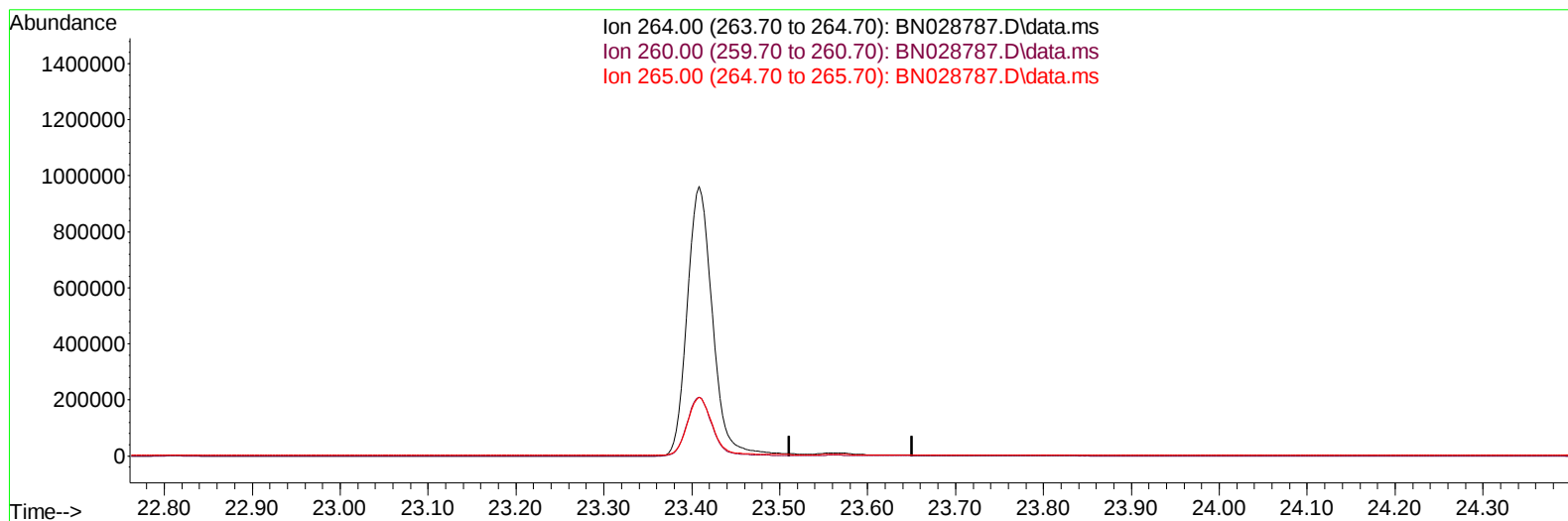
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028787.D\data.ms

(23) Perylene-d12 (I)

23.581min (-23.581) 0.00 ng/ul

response 0

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

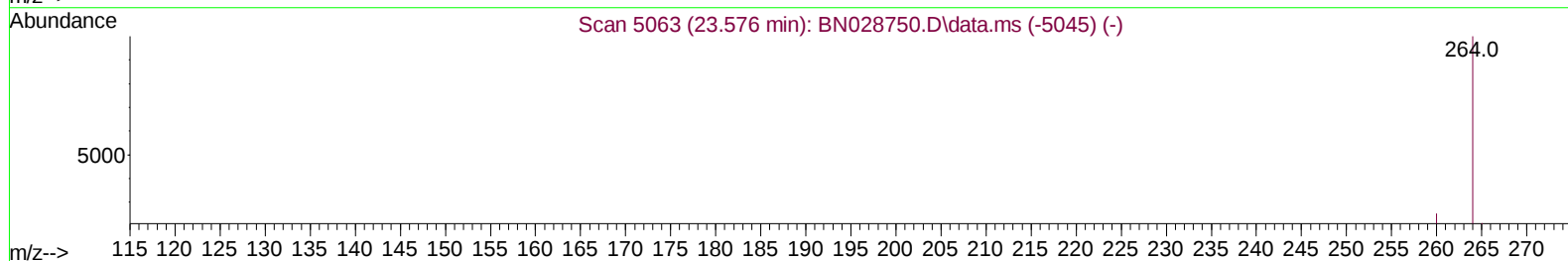
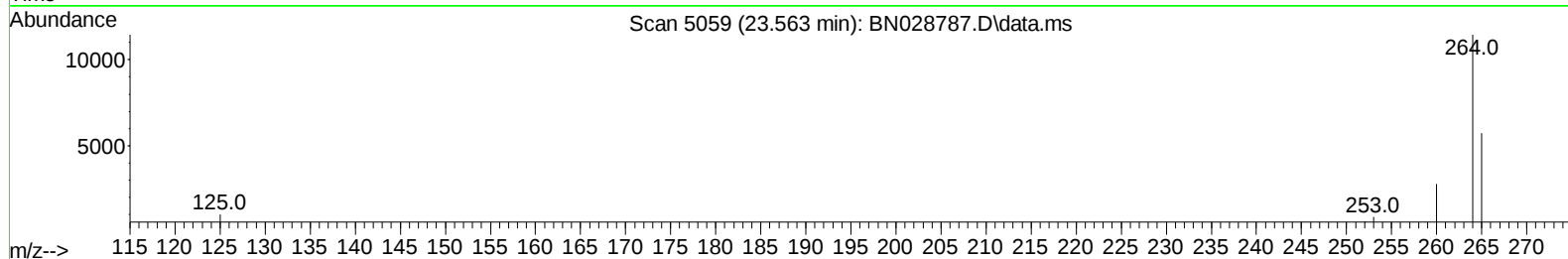
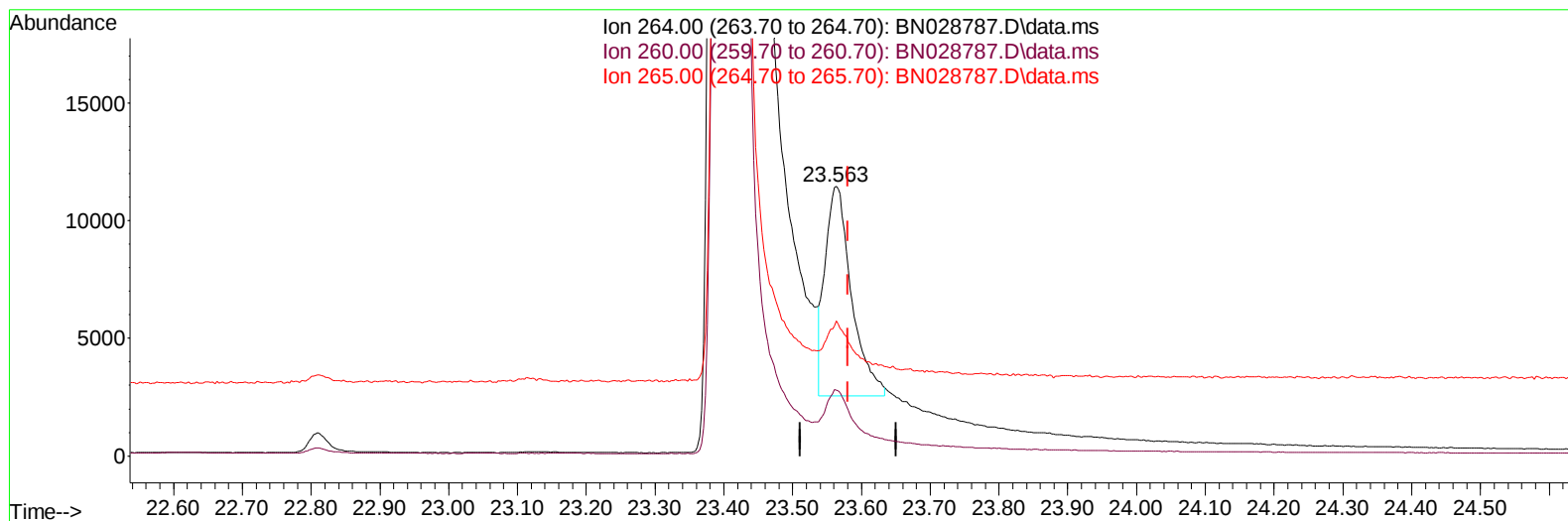
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028787.D
Acq On : 19 Nov 2023 21:49
Operator : MA/JU
Sample : 05370-21
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR5

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:10:12 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: BN028787.D\data.ms

(23) Perylene-d12 (I)

23.563min (-0.018) 0.40 ng/ul m

response 23876

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.37
265.00	38.80	50.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028787.D
 Acq On : 19 Nov 2023 21:49
 Operator : MA/JU
 Sample : 05370-21
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR5

Manual IntegrationsAPPROVED

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

Quant Time: Nov 20 03:10:12 2023
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 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	6308m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.473	136	24644m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.316	164	15111m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.077	188	28734m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.290	240	20802m	0.400	ng/ul	0.00
23) Perylene-d12	23.563	264	23876m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	31296	4.489	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	7843m	0.211	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	33821m	0.505	ng/ul	0.00

Target Compounds Qvalue

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

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Acq On : 19 Nov 2023 21:49
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Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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