

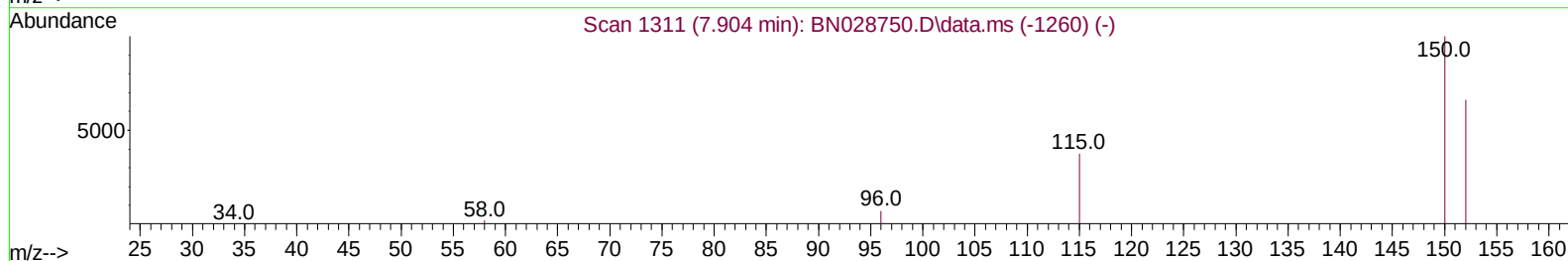
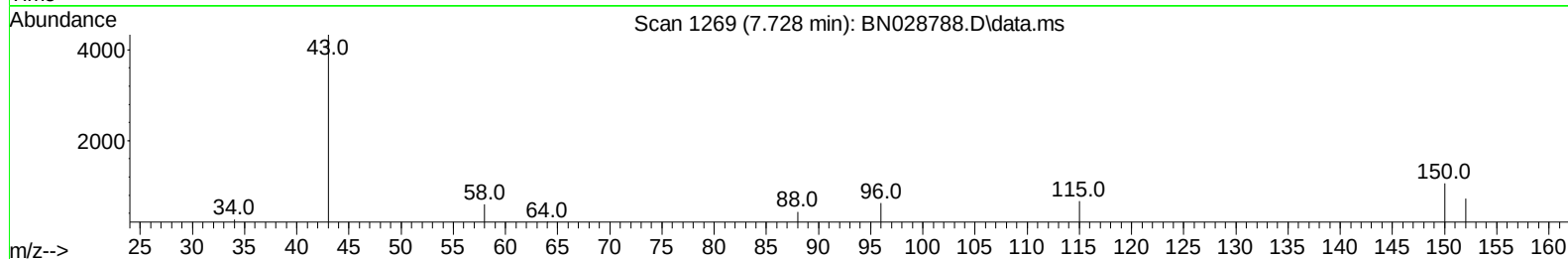
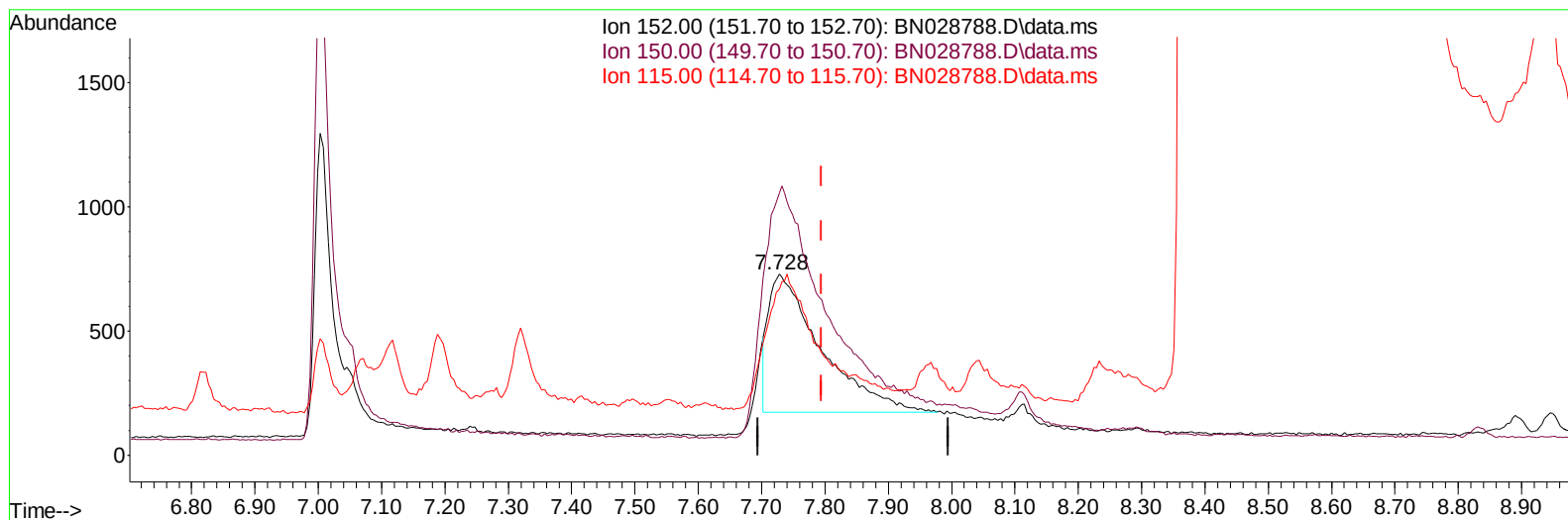
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028788.D
Acq On : 19 Nov 2023 22:25
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 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: BN028788.D\data.ms

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

7.728min (-0.067) 0.40 ng/u1

response 3217

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	144.79
115.00	62.20	91.51#
0.00	0.00	0.00

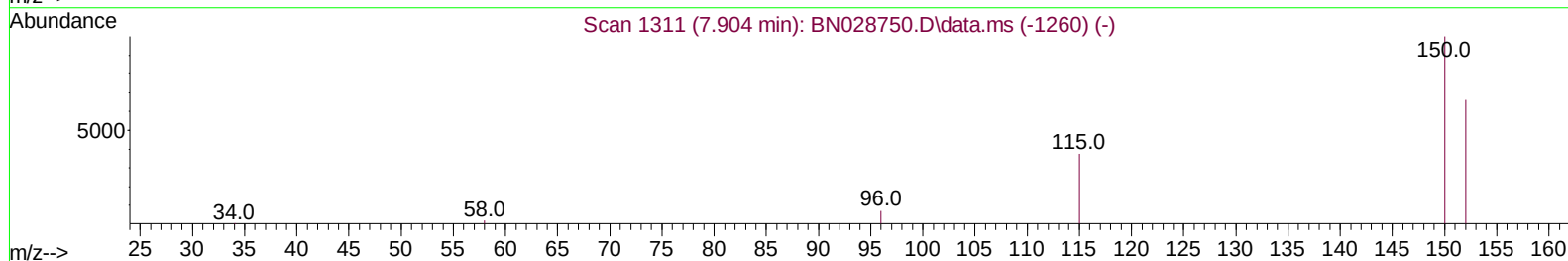
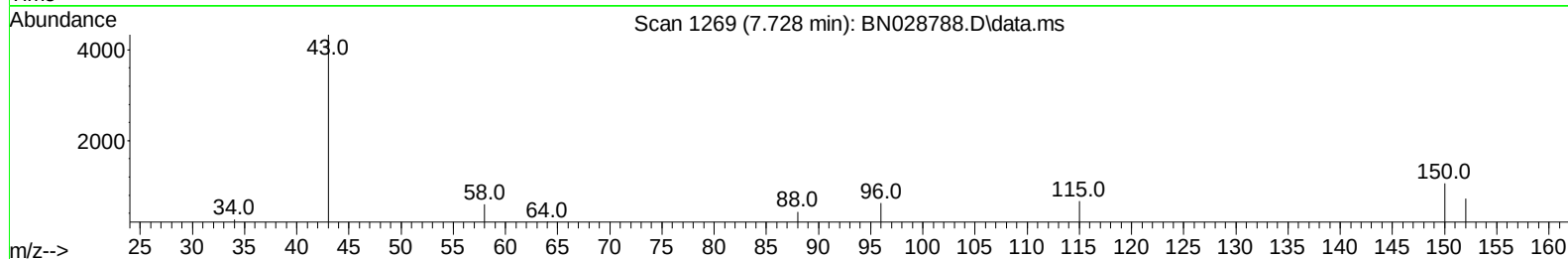
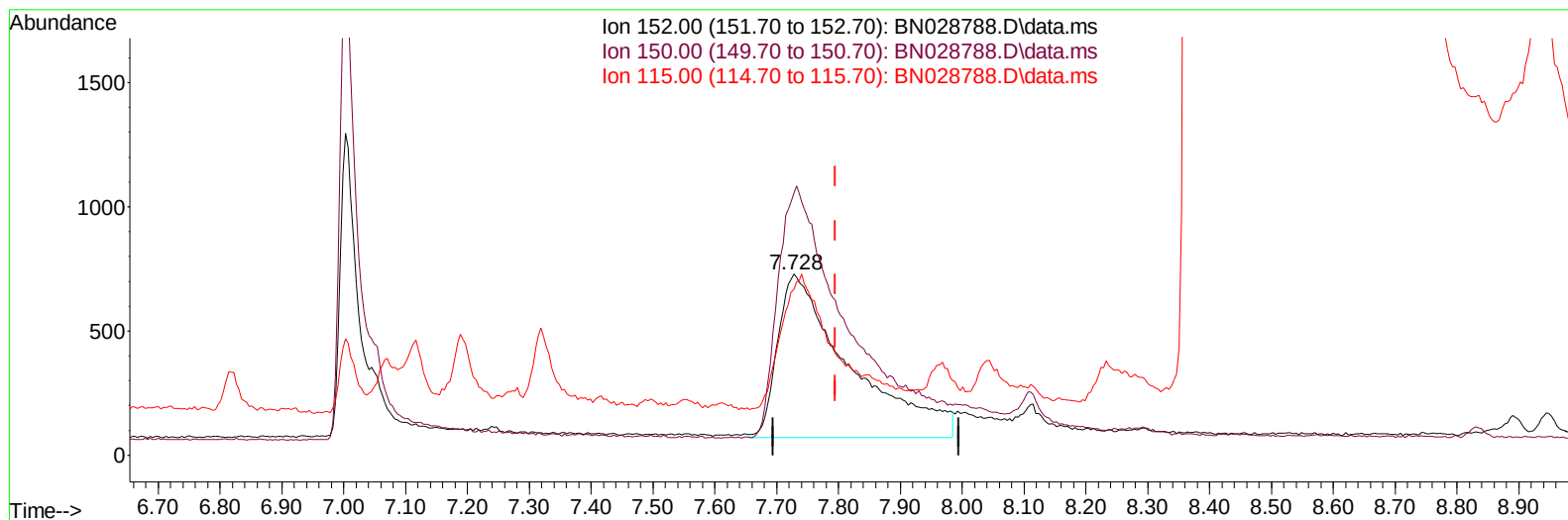
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Data File : BN028788.D
Acq On : 19 Nov 2023 22:25
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

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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: BN028788.D\data.ms

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

7.728min (-0.067) 0.40 ng/ul m

response 5352

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	144.79
115.00	62.20	91.51#
0.00	0.00	0.00

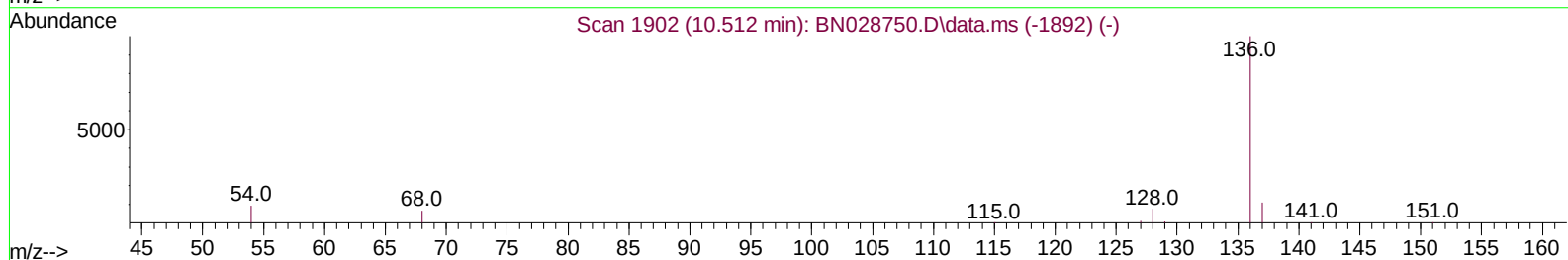
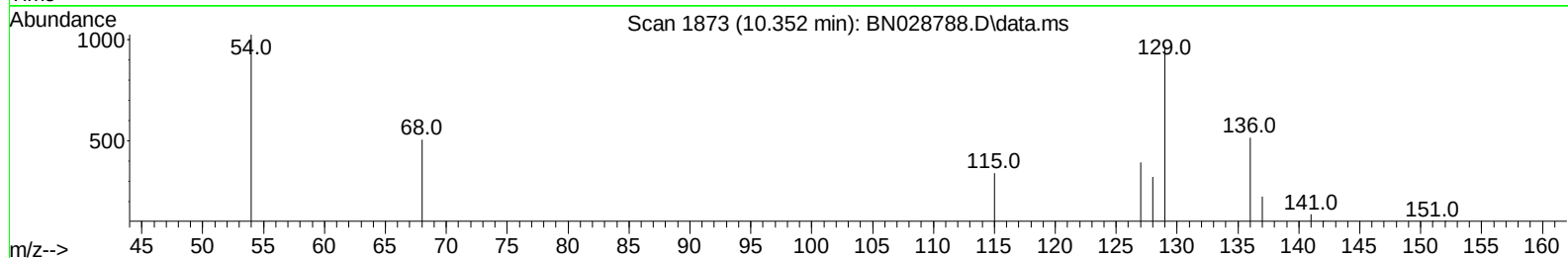
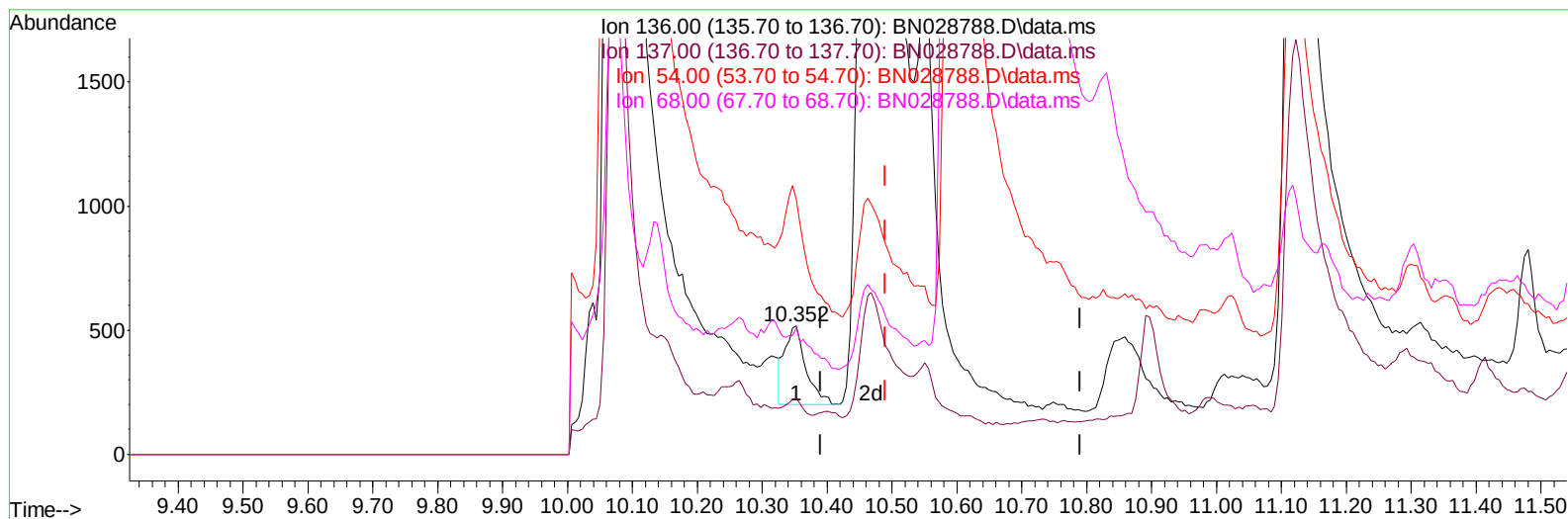
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 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
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 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.137) 0.40 ng/u1

response 721

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	43.71#
54.00	9.00	198.45#
68.00	7.10	98.26#

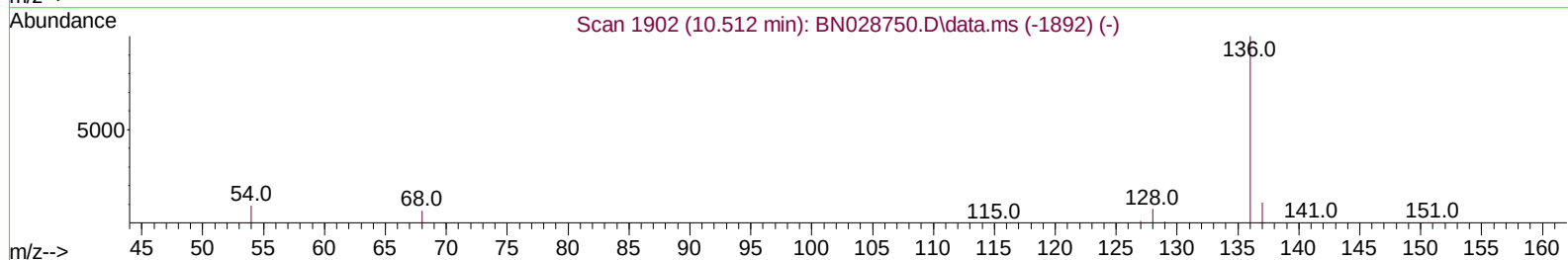
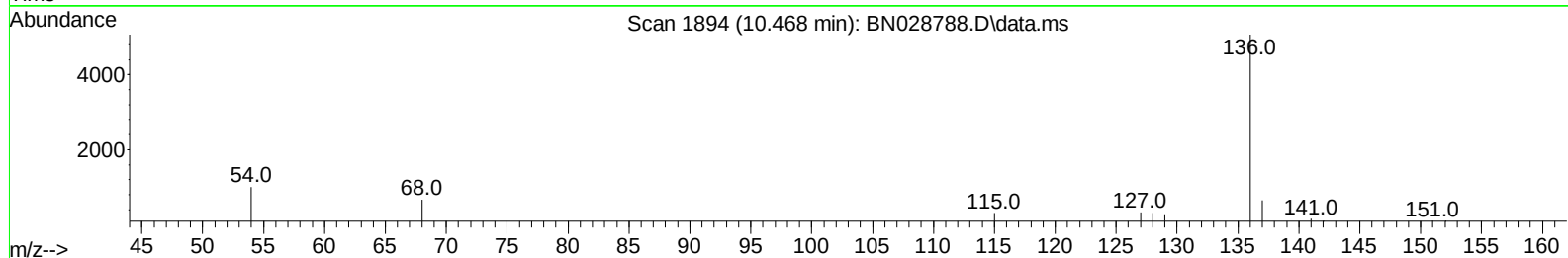
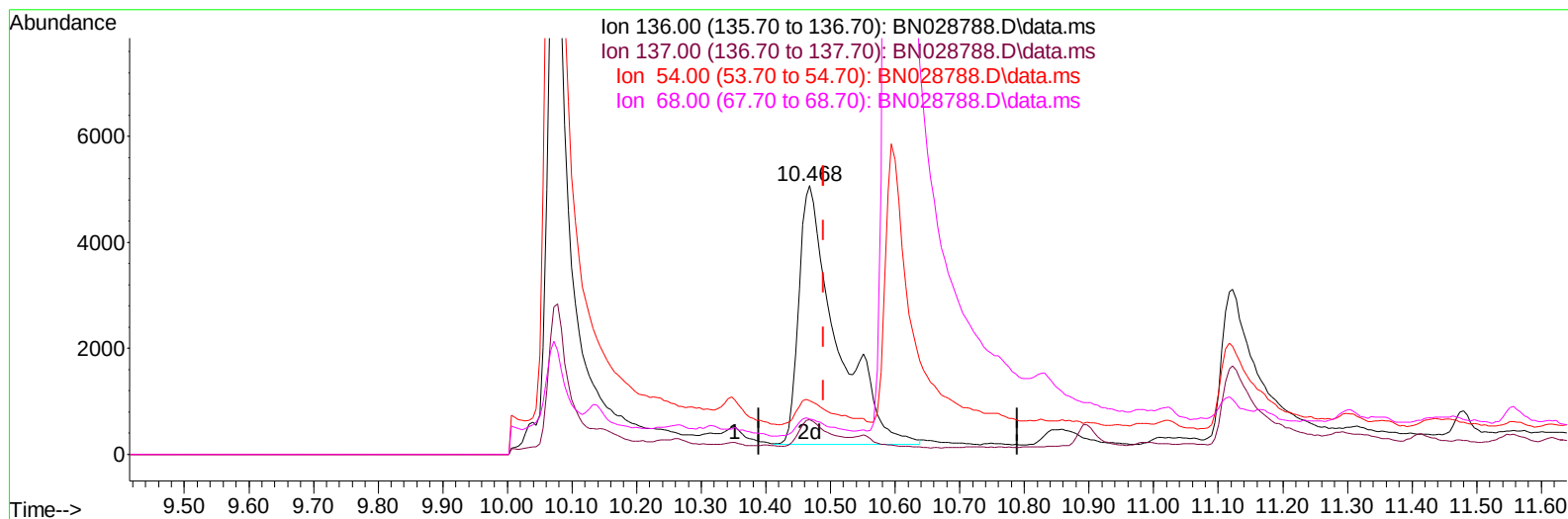
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 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 2023
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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028788.D\data.ms

(4) Naphthalene-d8 (I)

10.468min (-0.022) 0.40 ng/ul m

response 19821

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.87
54.00	9.00	19.91#
68.00	7.10	13.12#

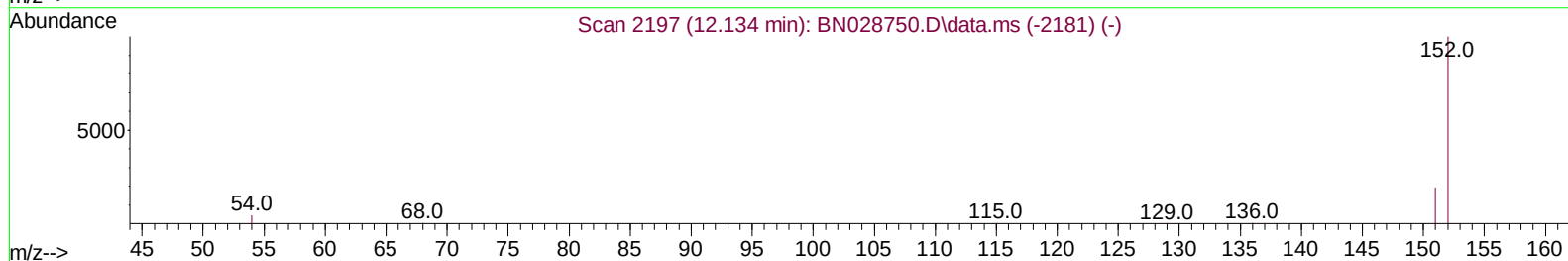
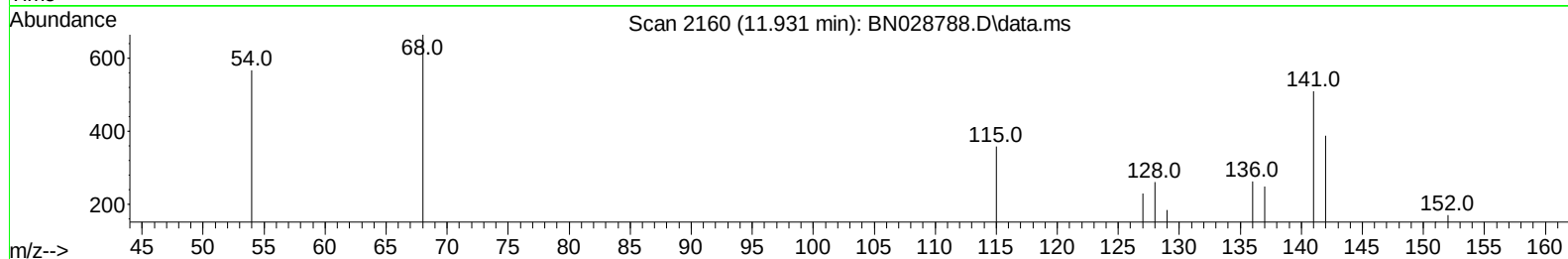
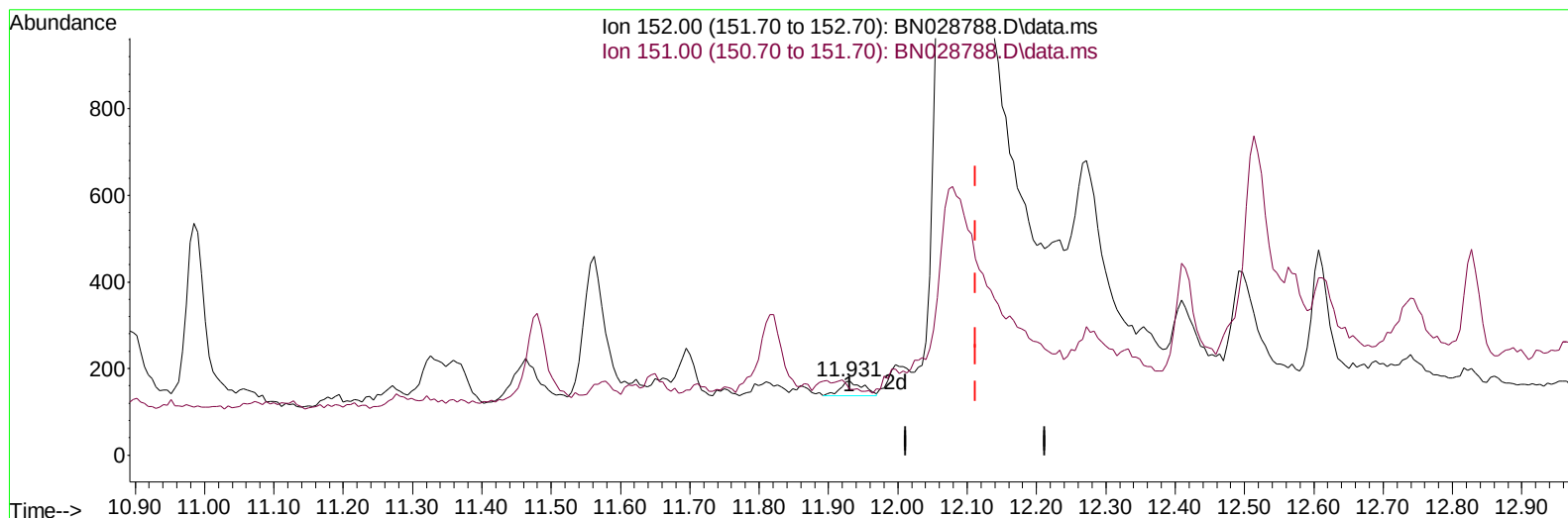
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 2023
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TIC: BN028788.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.931min (-0.181) 0.00 ng/u1

response 79

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	113.92#
0.00	0.00	0.00
0.00	0.00	0.00

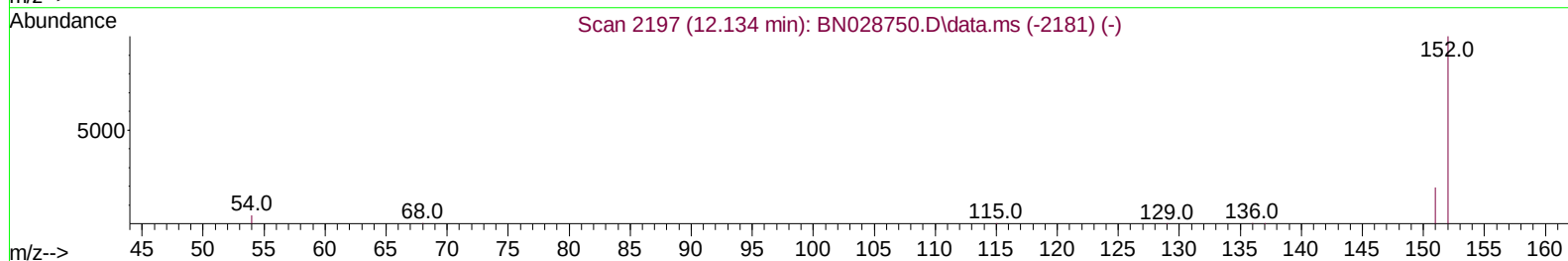
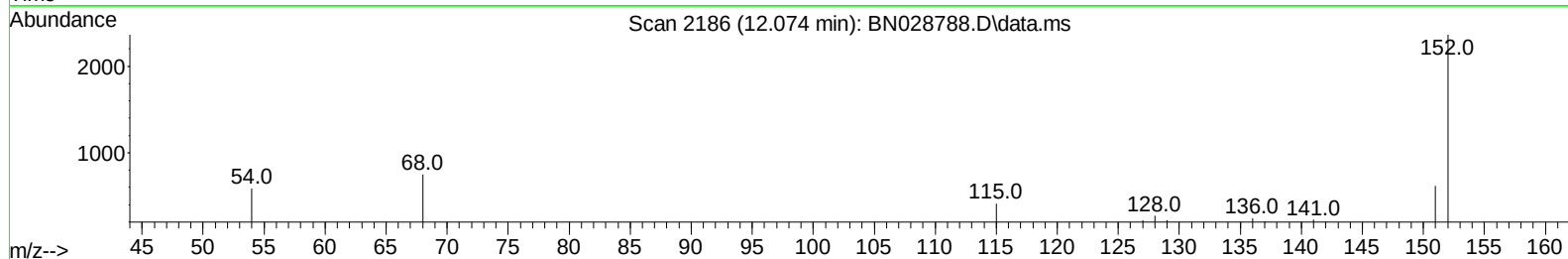
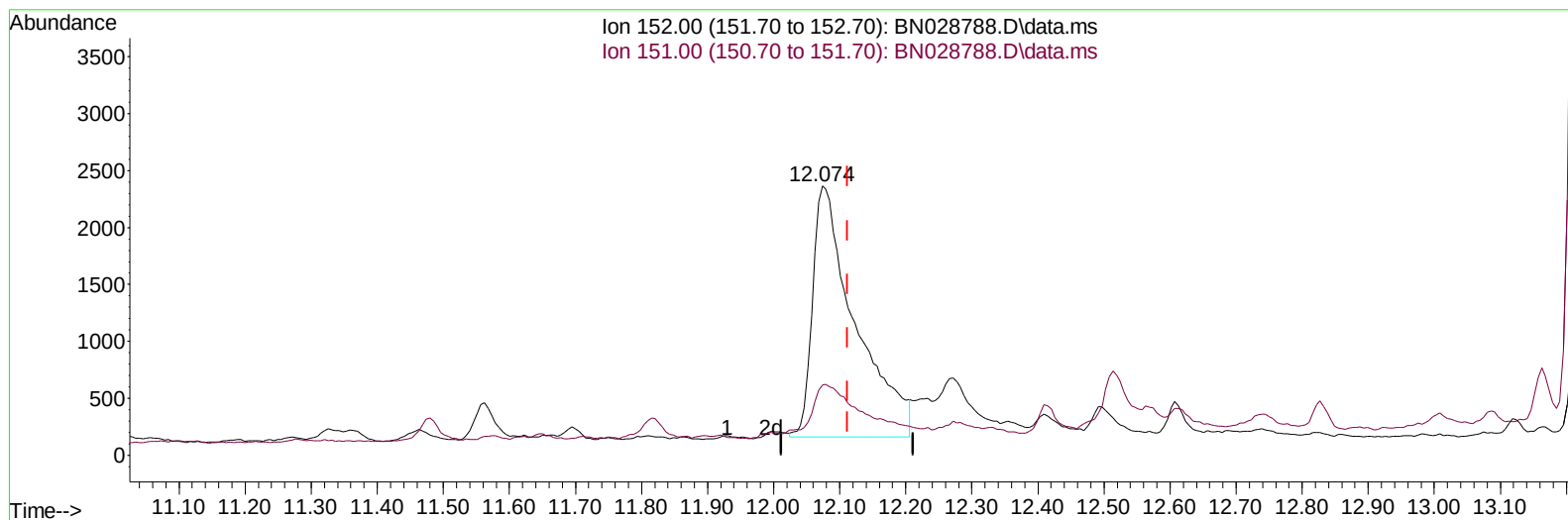
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.074min (-0.038) 0.33 ng/ul m

response 9845

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.91#
0.00	0.00	0.00
0.00	0.00	0.00

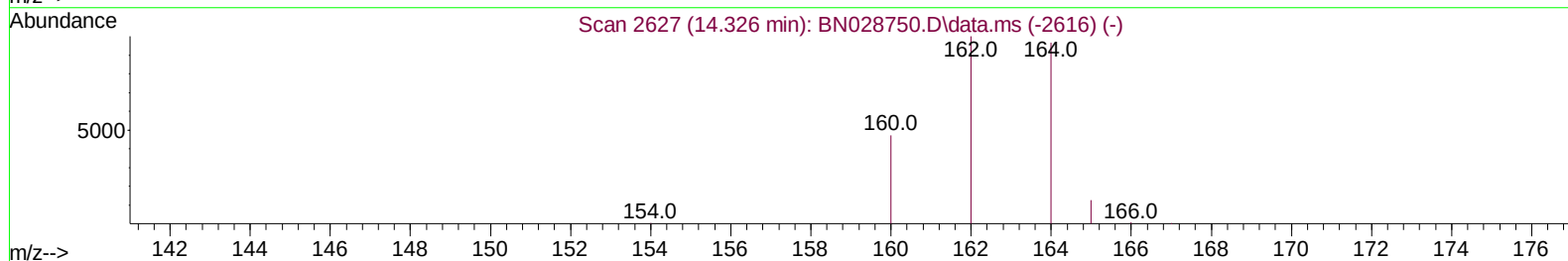
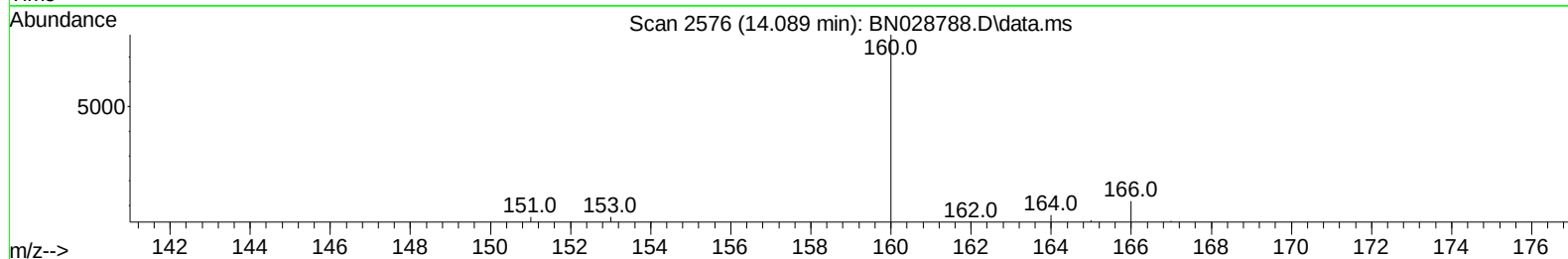
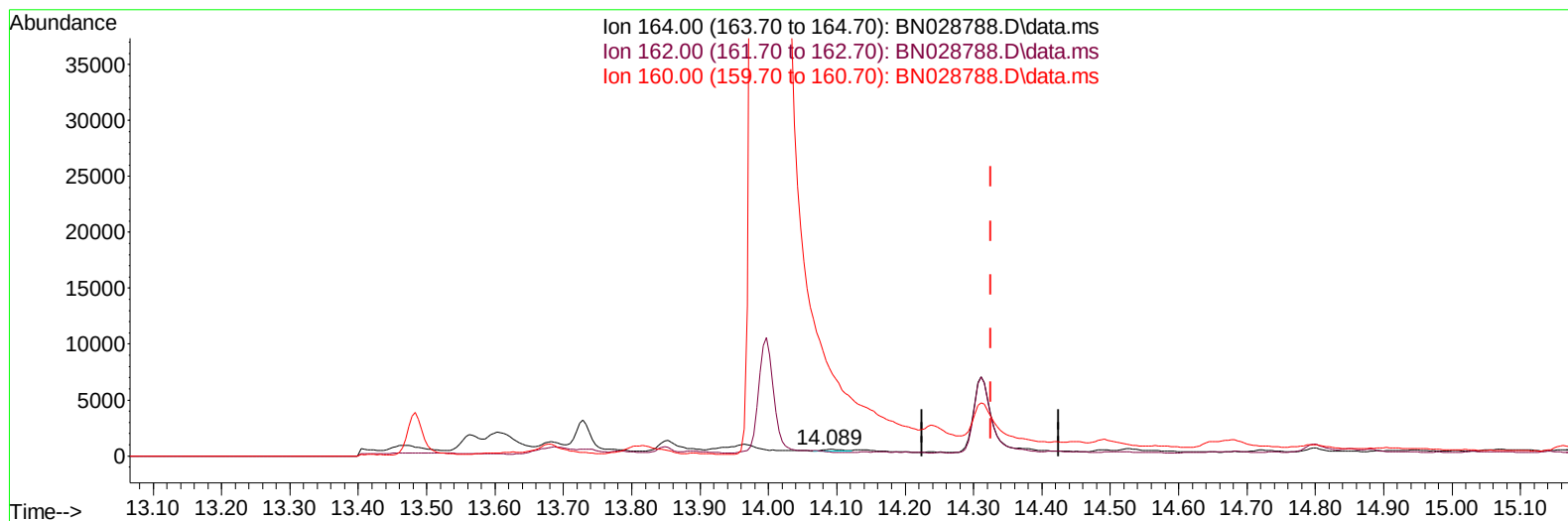
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 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(9) Acenaphthene-d10 (I)

14.089min (-0.236) 0.40 ng/u1

response 252

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	57.95#
160.00	49.20	1305.13#
0.00	0.00	0.00

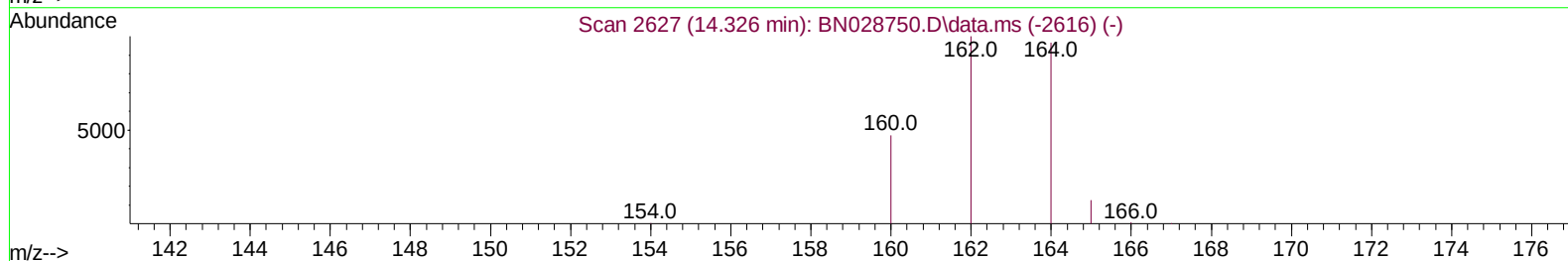
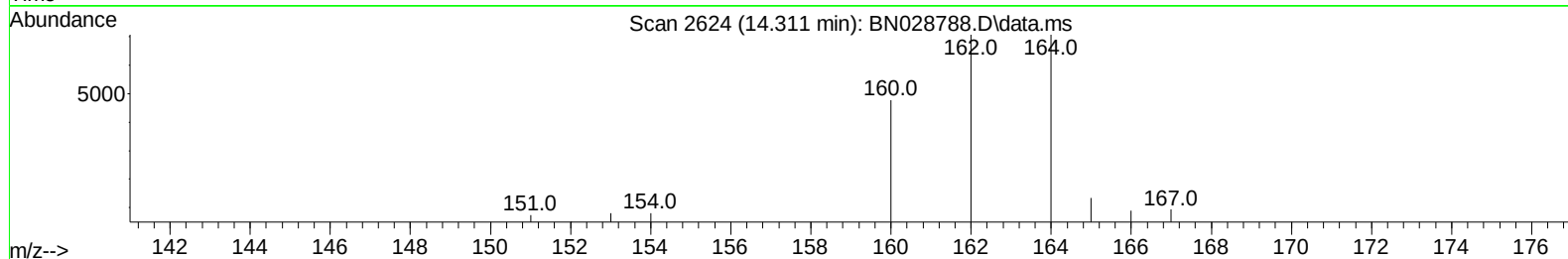
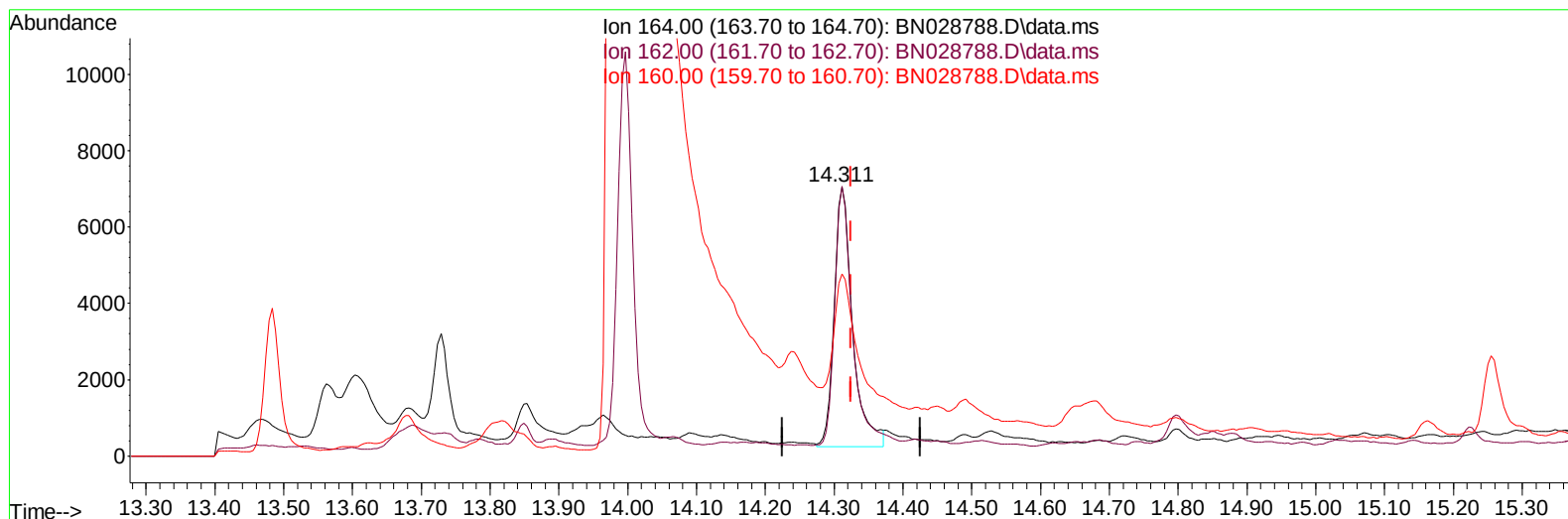
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Data File : BN028788.D
Acq On : 19 Nov 2023 22:25
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 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
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TIC: BN028788.D\data.ms

(9) Acenaphthene-d10 (I)

14.311min (-0.014) 0.40 ng/ul m

response 12733

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	100.10
160.00	49.20	67.54#
0.00	0.00	0.00

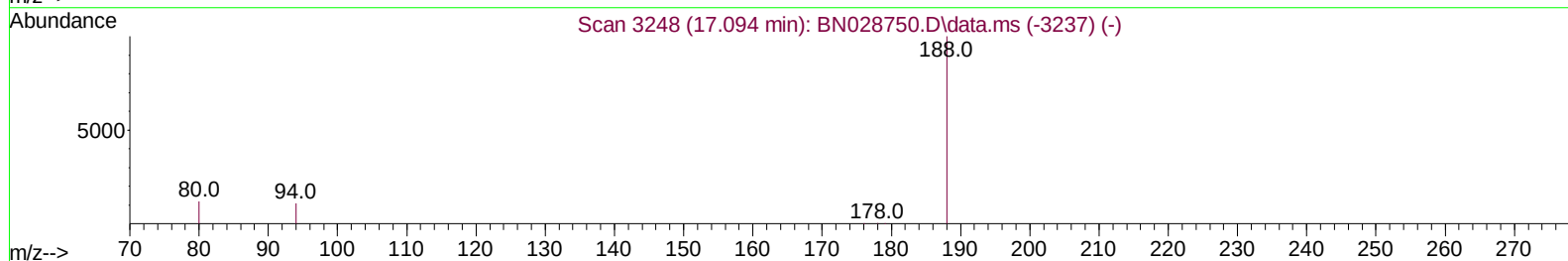
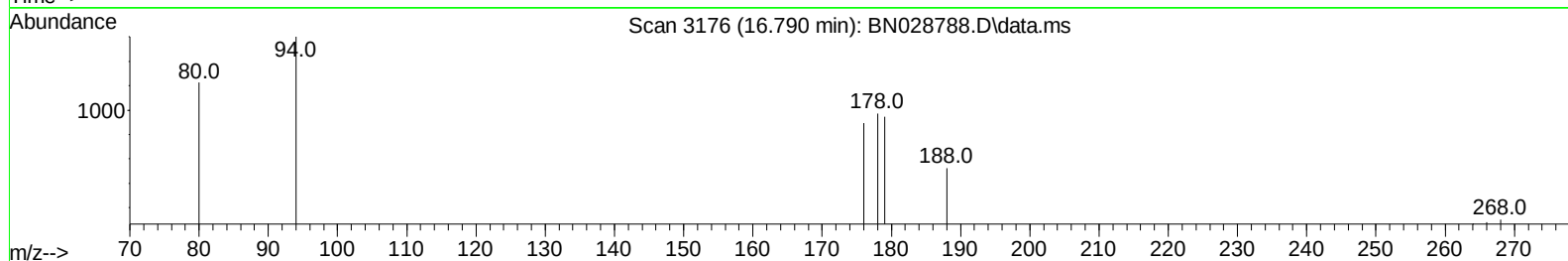
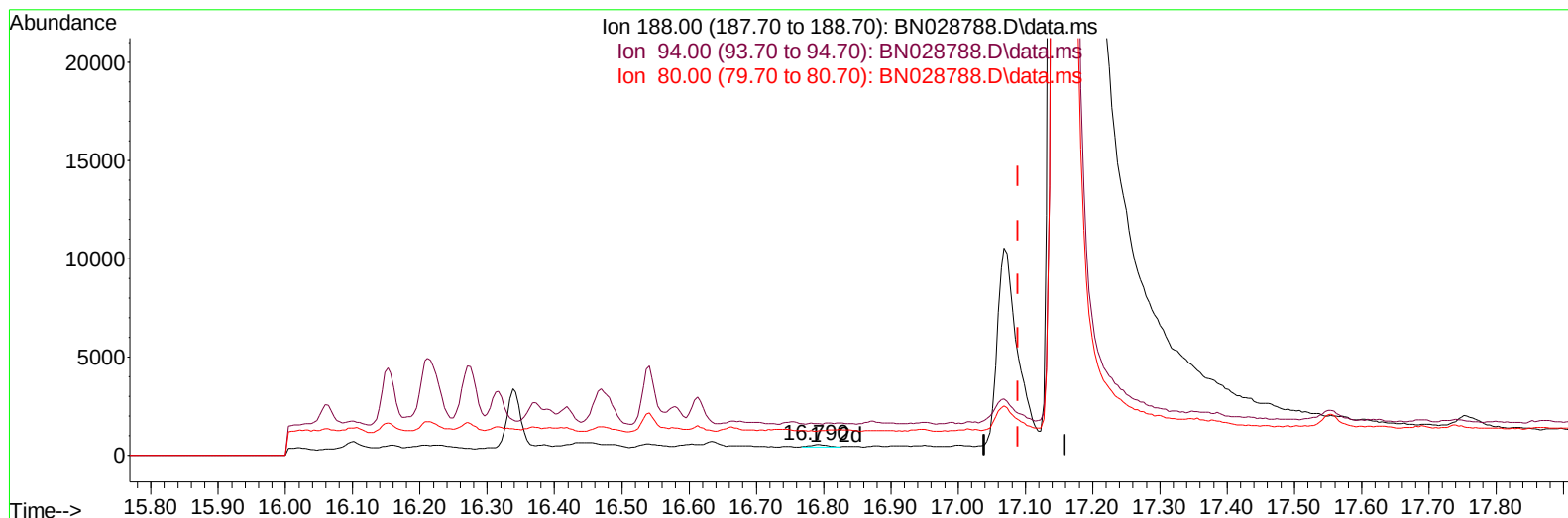
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 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(13) Phenanthrene-d10 (I)

16.790min (-0.300) 0.40 ng/u1

response 187

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	304.56#
80.00	10.90	233.27#
0.00	0.00	0.00

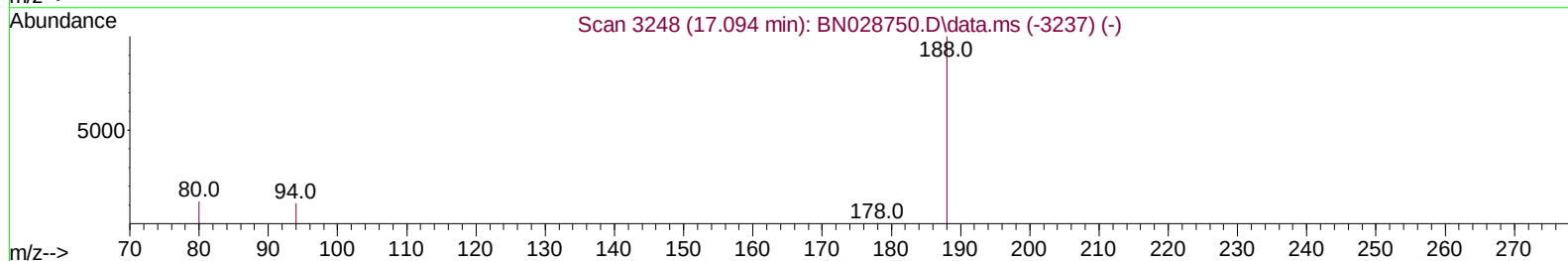
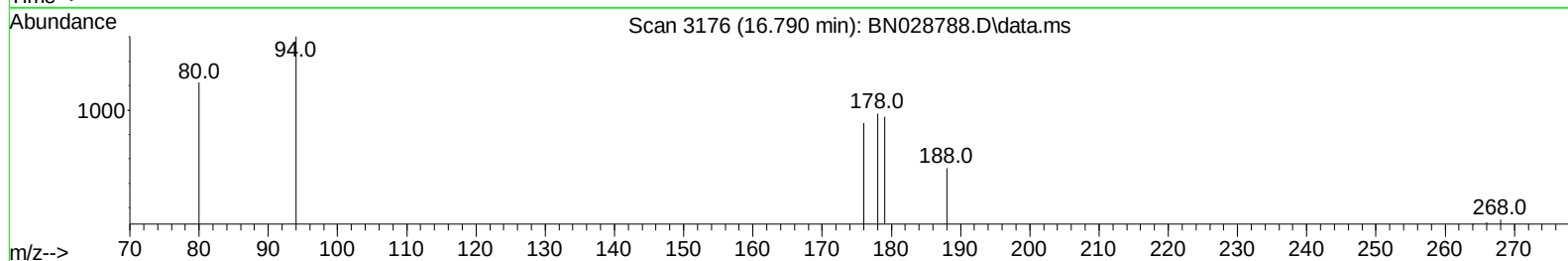
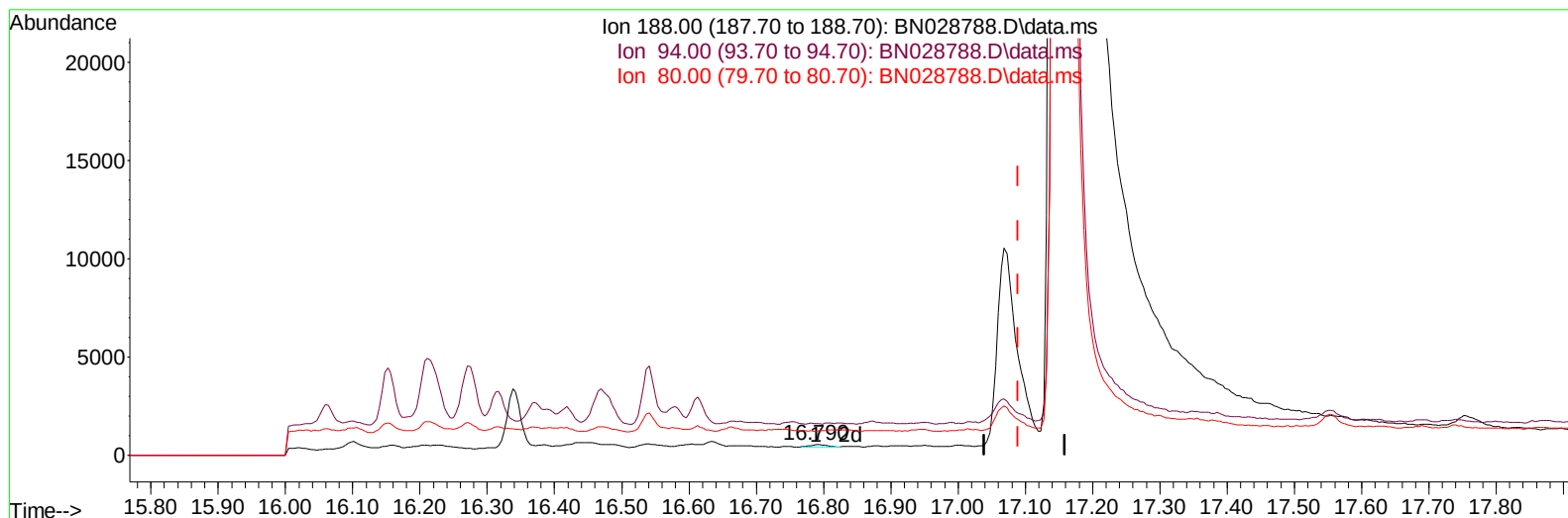
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 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(13) Phenanthrene-d10 (I)

16.790min (-0.300) 0.40 ng/u1

response 187

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	304.56#
80.00	10.90	233.27#
0.00	0.00	0.00

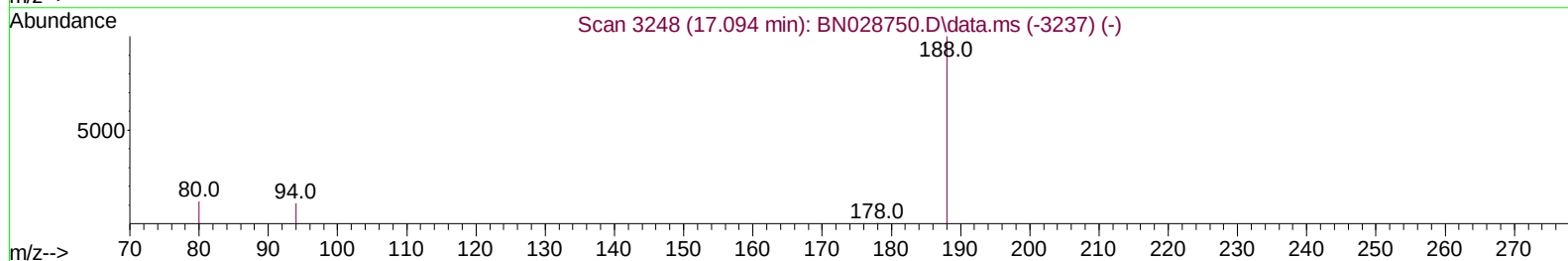
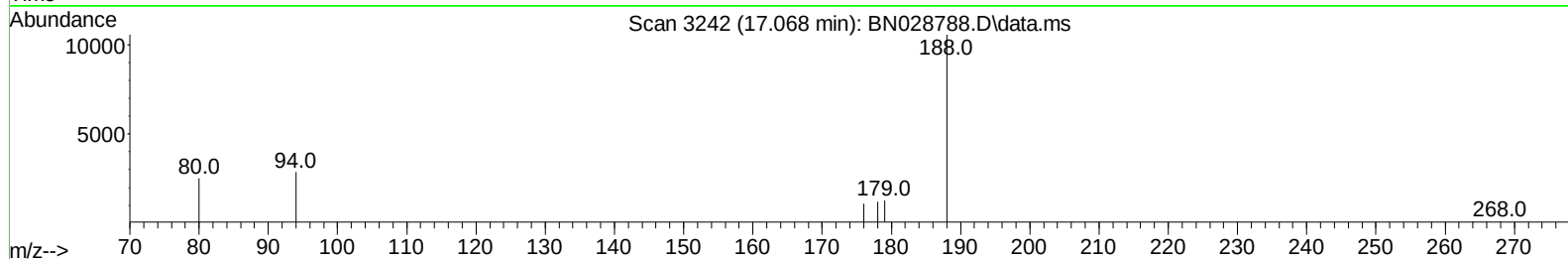
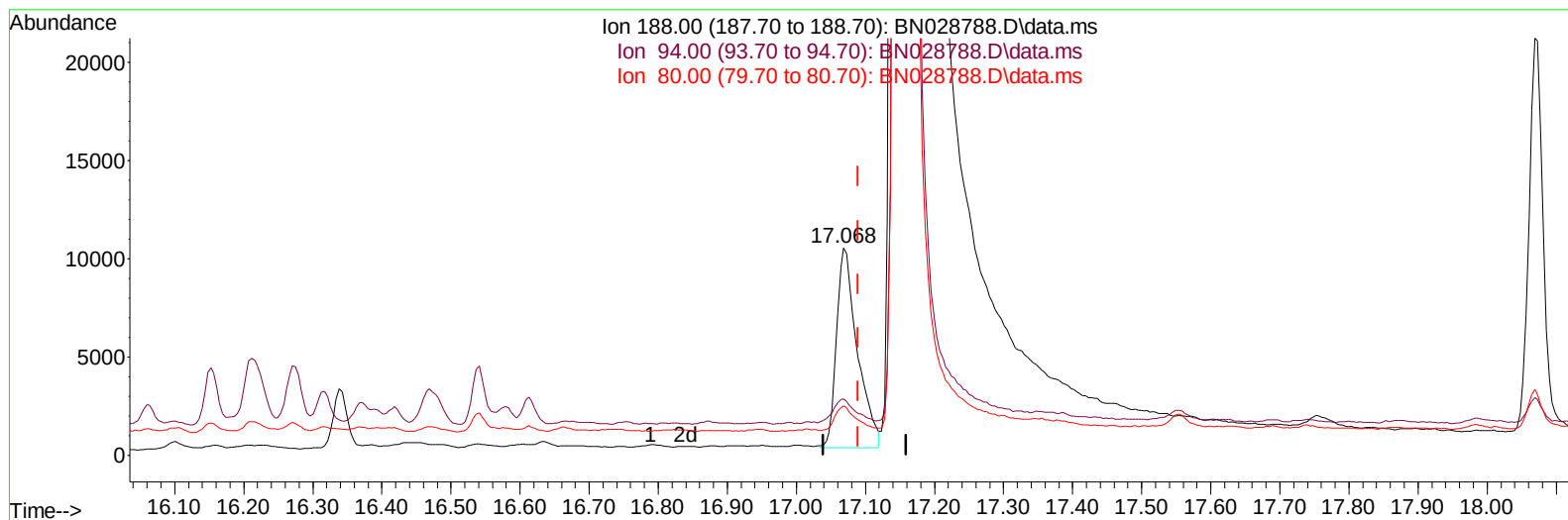
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Data File : BN028788.D
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Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(13) Phenanthrene-d10 (I)

17.068min (-0.021) 0.40 ng/ul m

response 21277

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	27.07#
80.00	10.90	23.78#
0.00	0.00	0.00

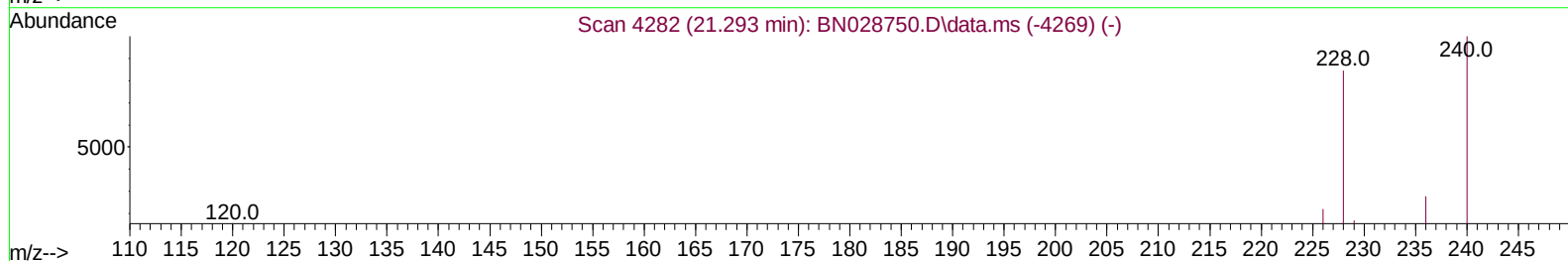
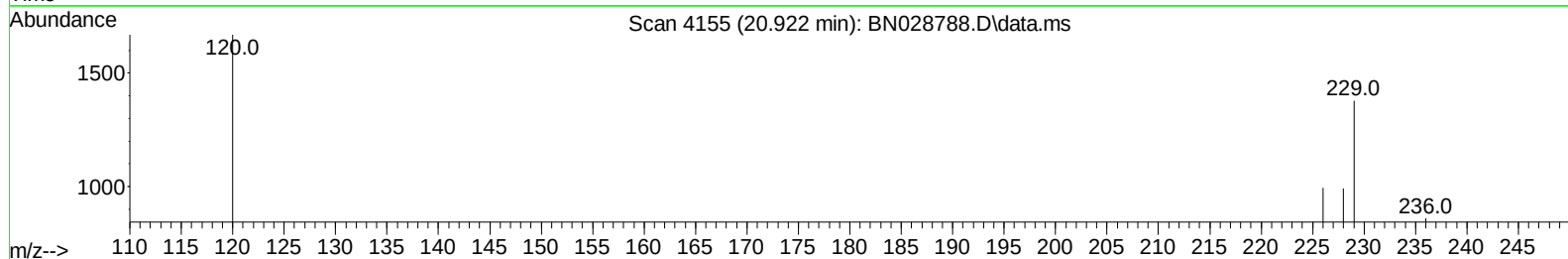
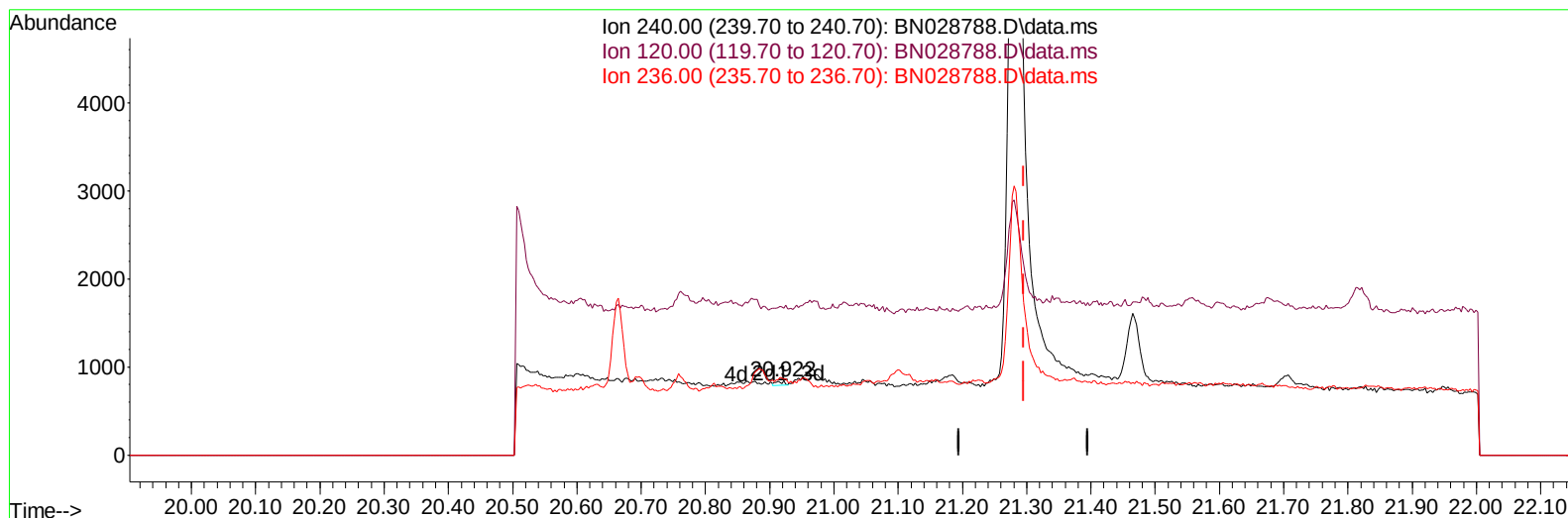
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 ALS Vial : 93 Sample Multiplier: 1

Instrument :
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TIC: BN028788.D\data.ms

(17) Chrysene-d12

20.922min (-0.374) 0.40 ng/u1

response 40

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	197.98#
236.00	28.00	102.02#
0.00	0.00	0.00

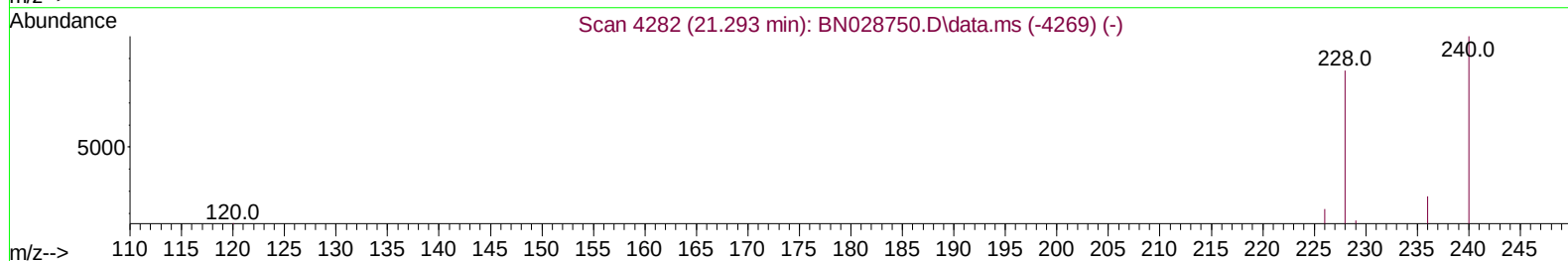
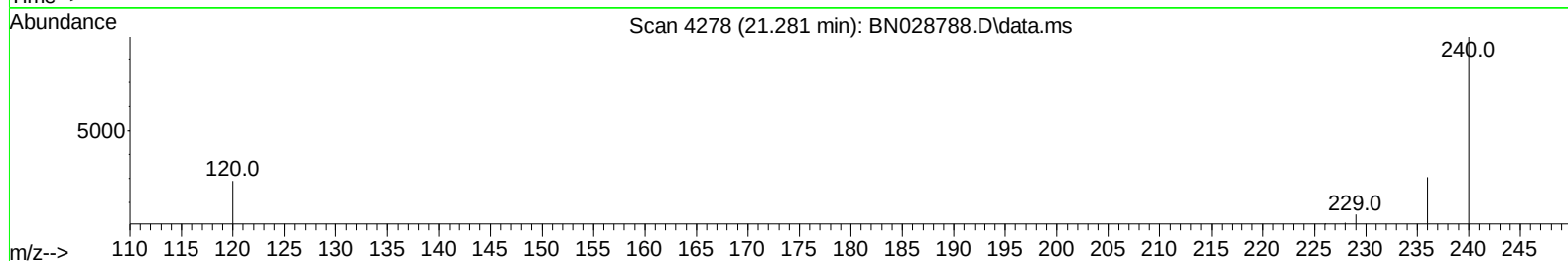
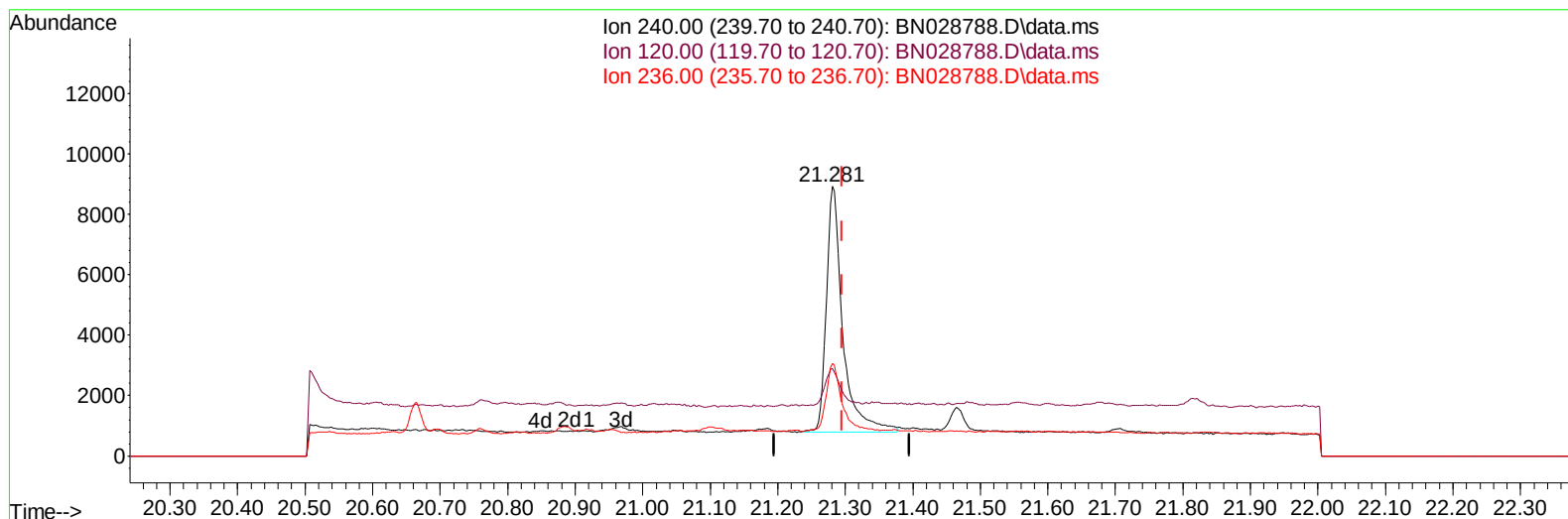
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028788.D
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Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028788.D\data.ms

(17) Chrysene-d12

21.281min (-0.015) 0.40 ng/ul m

response 13721

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	32.50#
236.00	28.00	34.23#
0.00	0.00	0.00

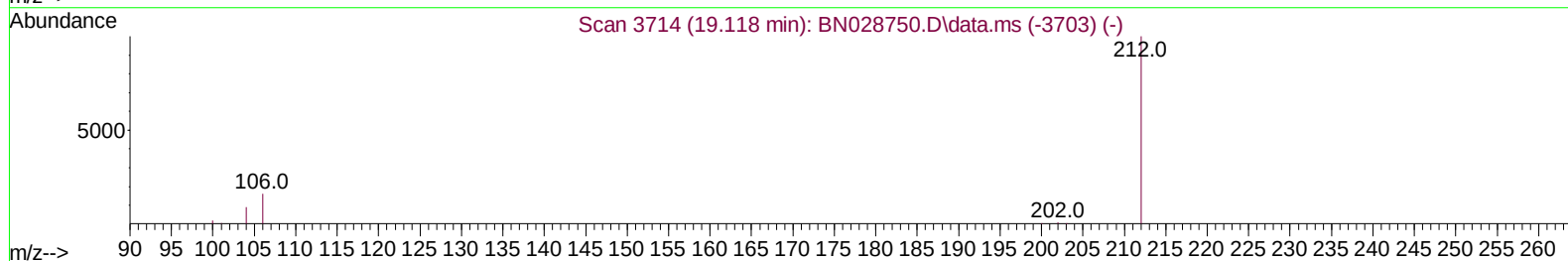
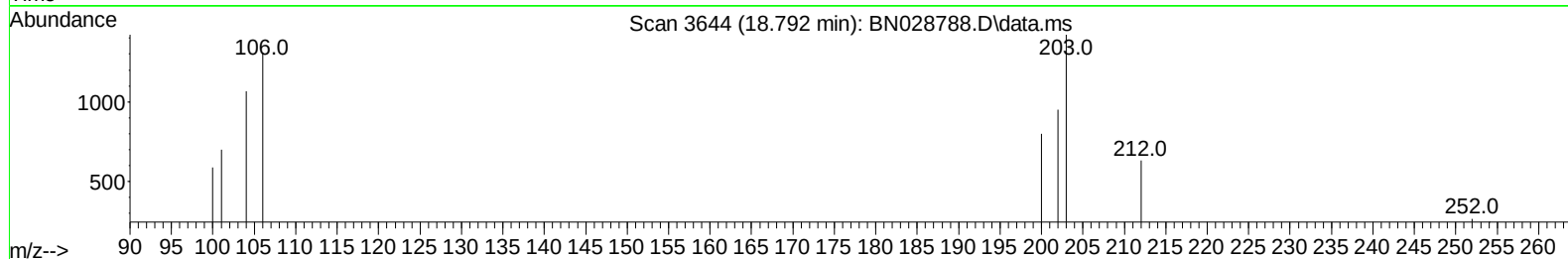
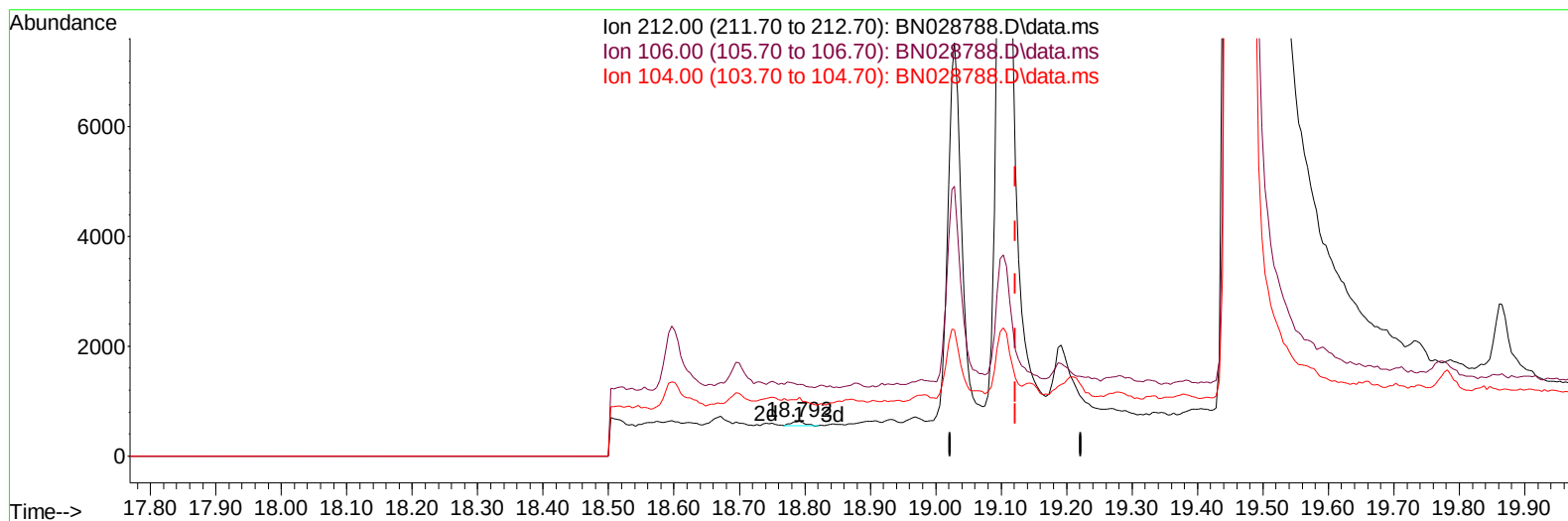
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028788.D
Acq On : 19 Nov 2023 22:25
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 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: BN028788.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.792min (-0.330) 0.00 ng/u1

response 126

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	99.21#
104.00	8.30	107.94#
0.00	0.00	0.00

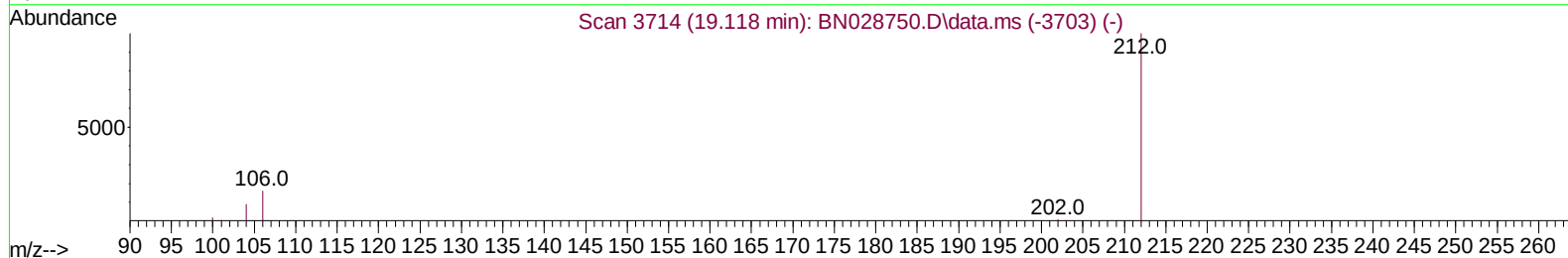
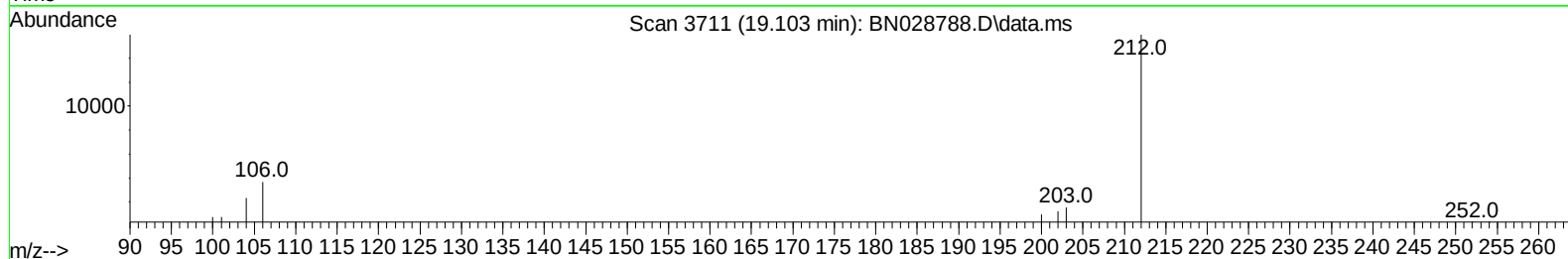
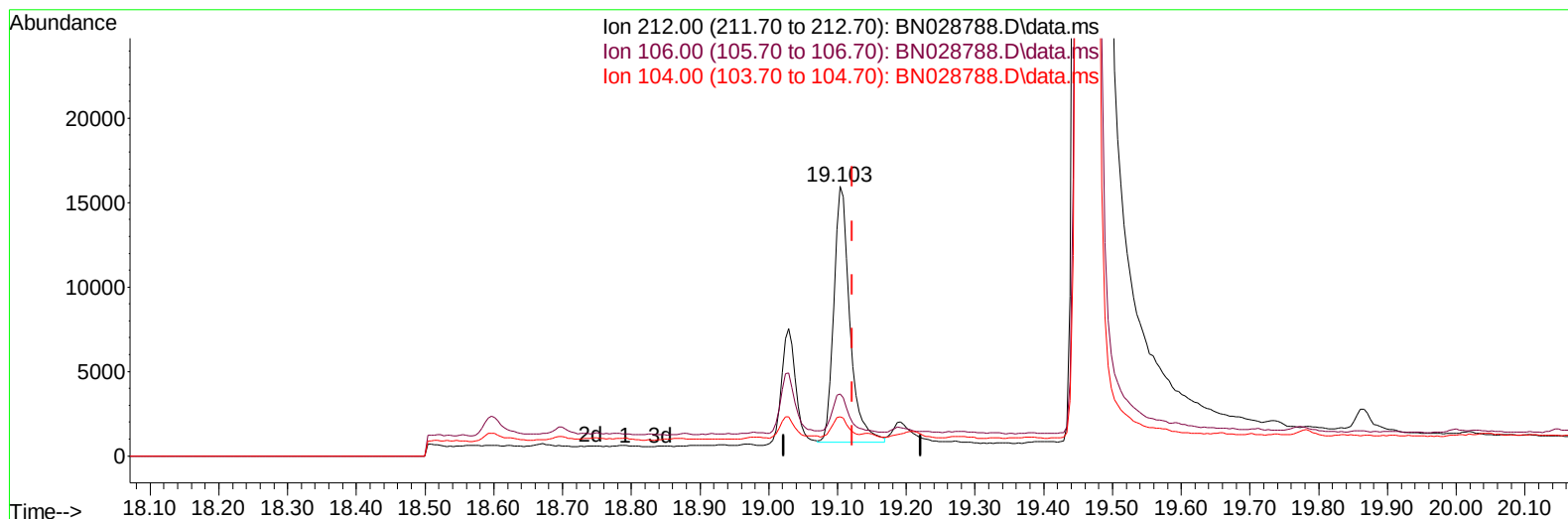
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028788.D
Acq On : 19 Nov 2023 22:25
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 2023
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QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028788.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.103min (-0.019) 0.55 ng/ul m

response 24472

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.51#
104.00	8.30	0.56#
0.00	0.00	0.00

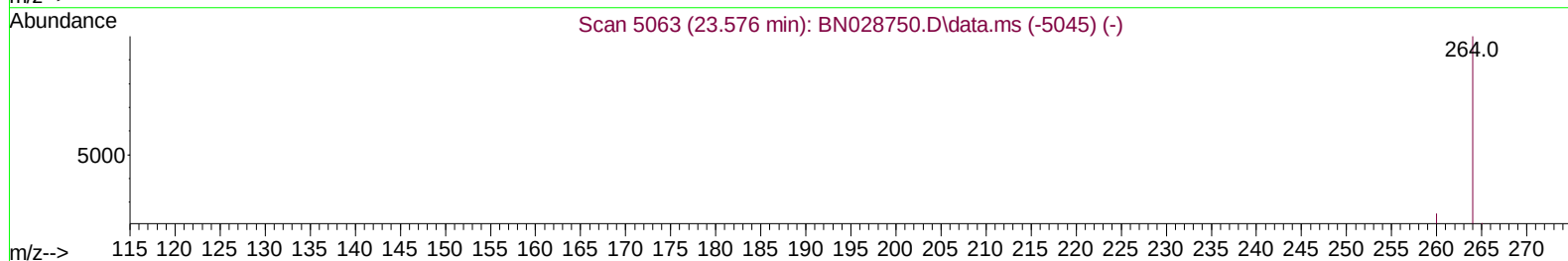
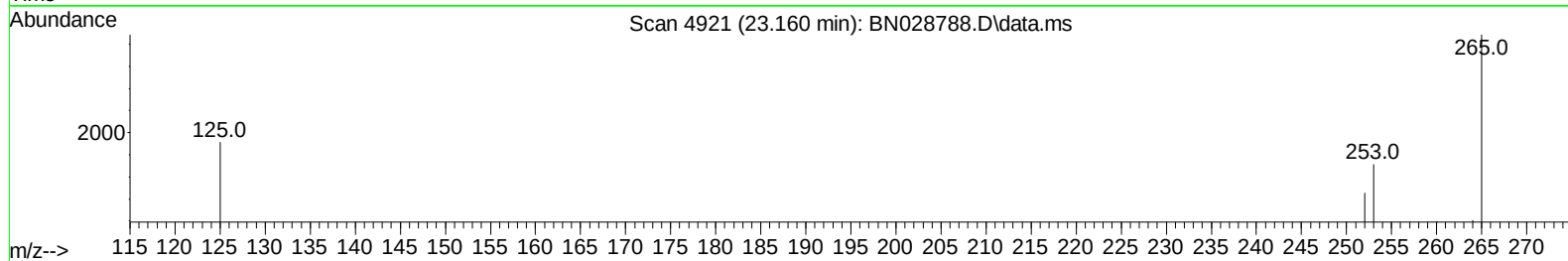
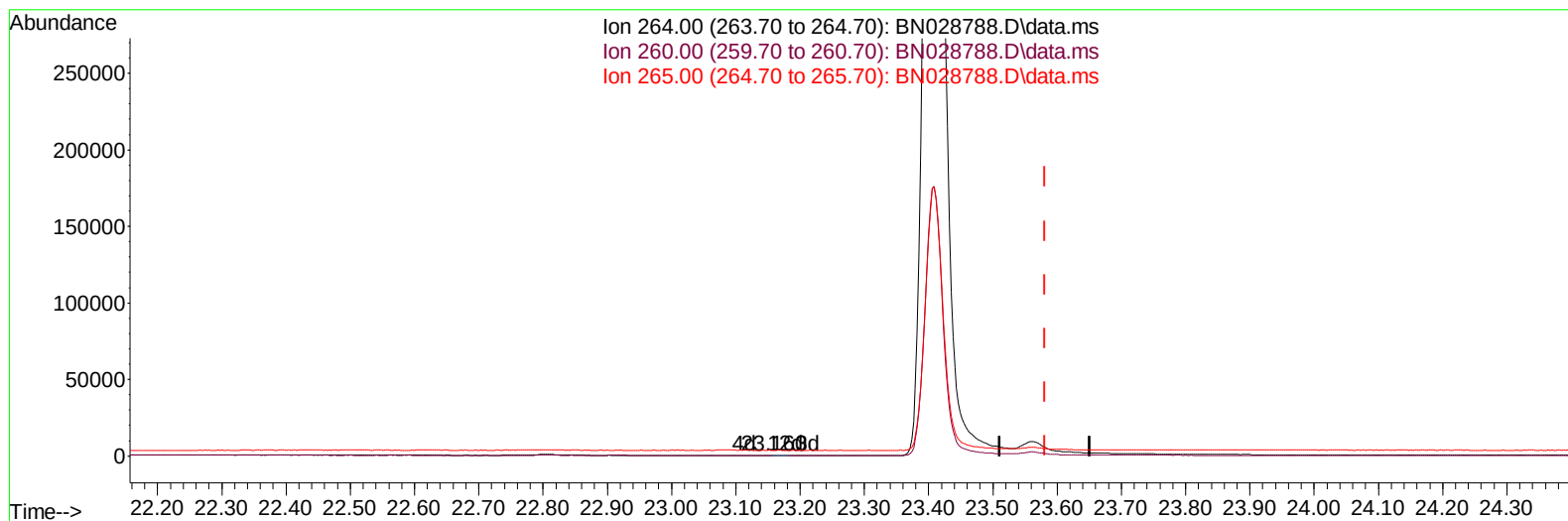
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028788.D
 Acq On : 19 Nov 2023 22:25
 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:16:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028788.D\data.ms

(23) Perylene-d12 (I)

23.160min (-0.421) 0.40 ng/u1

response 13

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	91.81#
265.00	38.80	909.40#
0.00	0.00	0.00

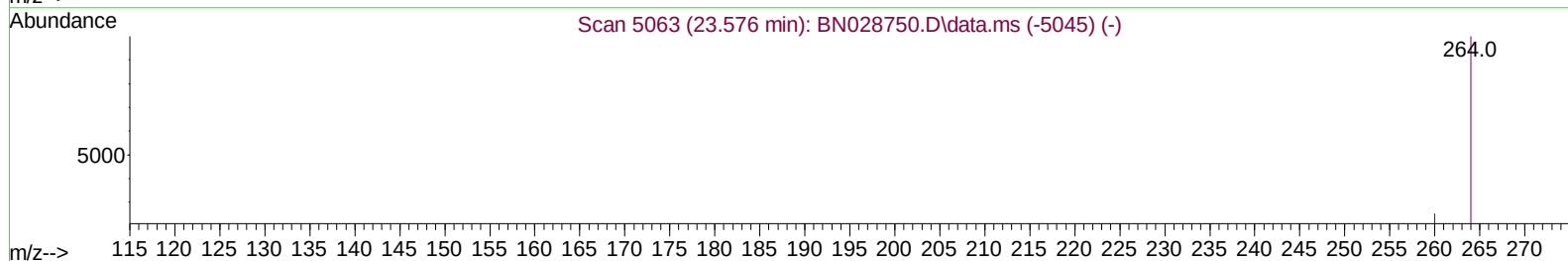
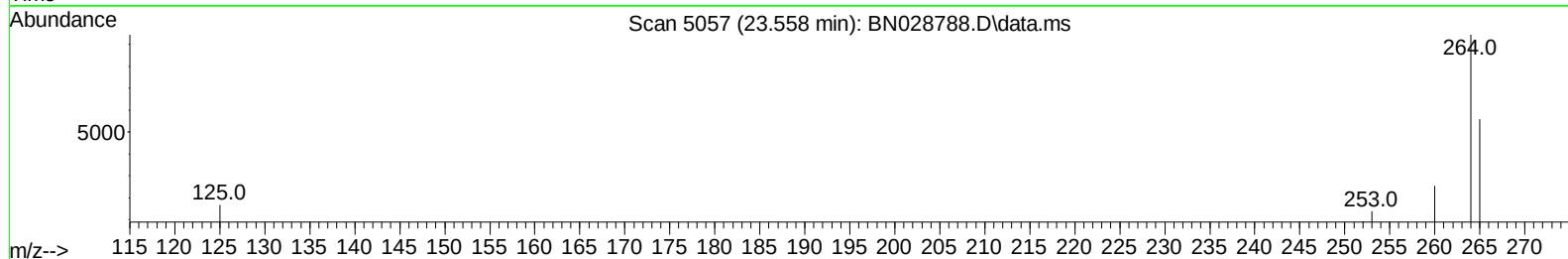
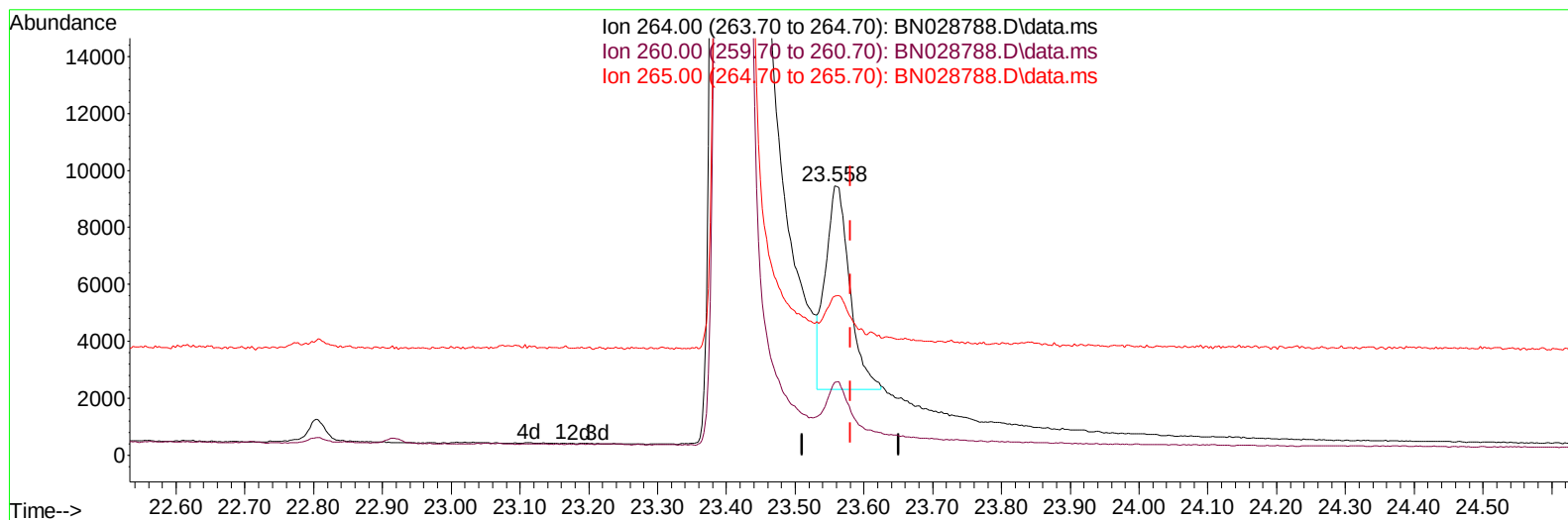
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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TIC: BN028788.D\data.ms

(23) Perylene-d12 (I)

23.558min (-0.023) 0.40 ng/ul m

response 17525

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	26.95
265.00	38.80	59.12#
0.00	0.00	0.00

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 Data File : BN028788.D
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 Operator : MA/JU
 Sample : 05370-22
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDR6

Manual IntegrationsAPPROVED

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

Quant Time: Nov 20 03:16:35 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	5352m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.468	136	19821m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.311	164	12733m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.068	188	21277m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.281	240	13721m	0.400	ng/ul	-0.01
23) Perylene-d12	23.558	264	17525m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	36574	6.183	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	9845m	0.330	ng/ul	-0.04
18) Fluoranthene-d10	19.103	212	24472m	0.554	ng/ul	-0.02

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

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ALS Vial : 93 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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