

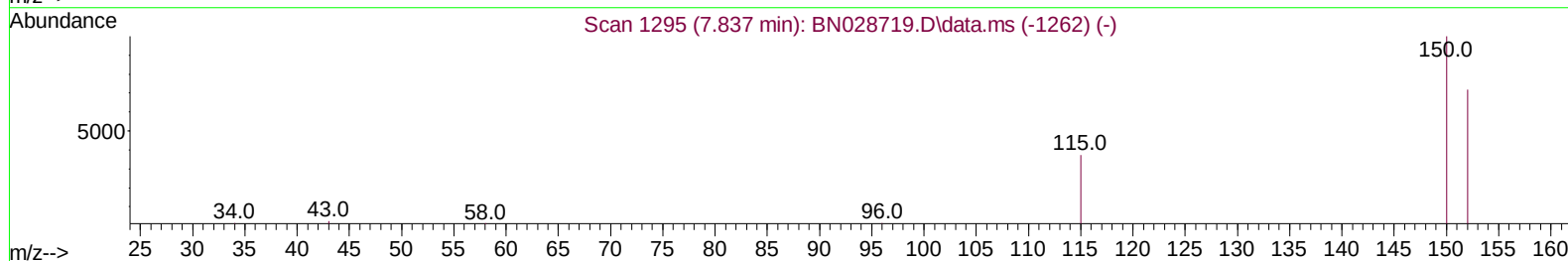
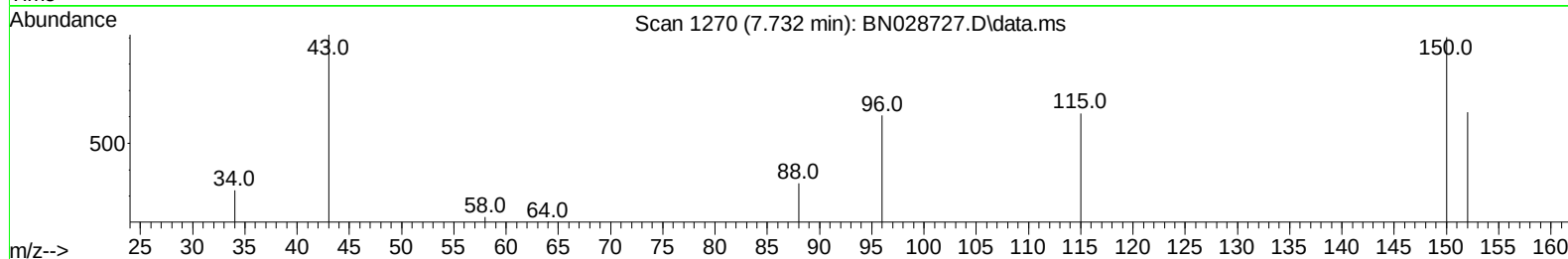
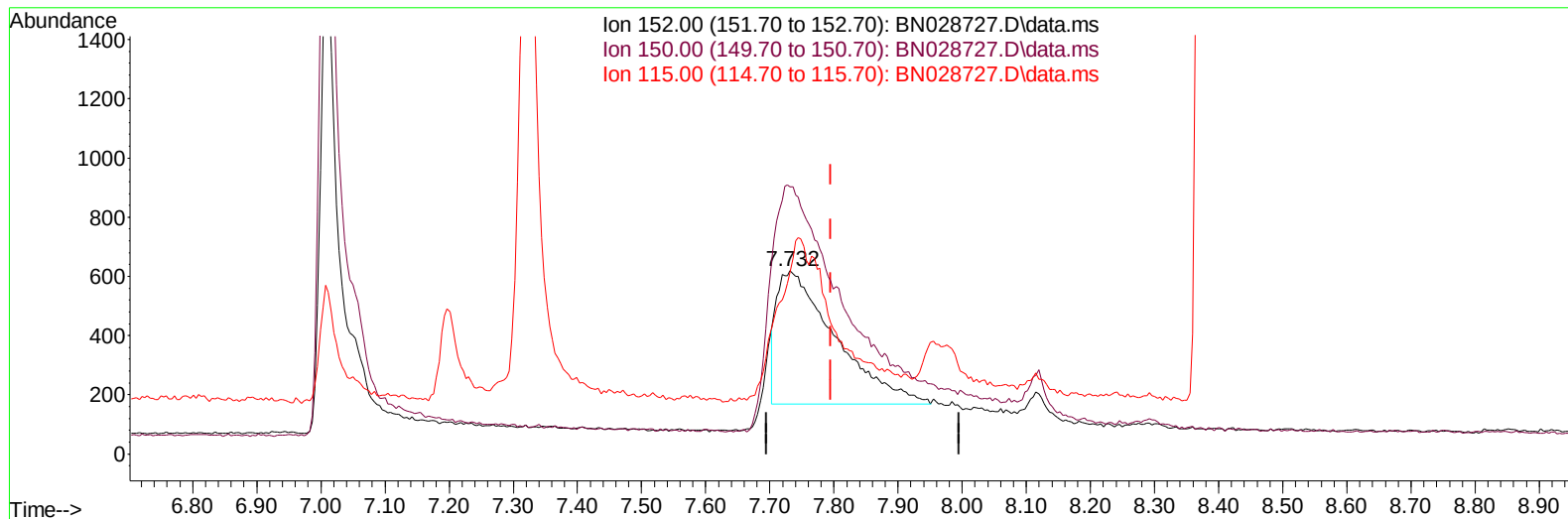
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 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 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028727.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 2883

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.72
115.00	62.20	99.03#
0.00	0.00	0.00

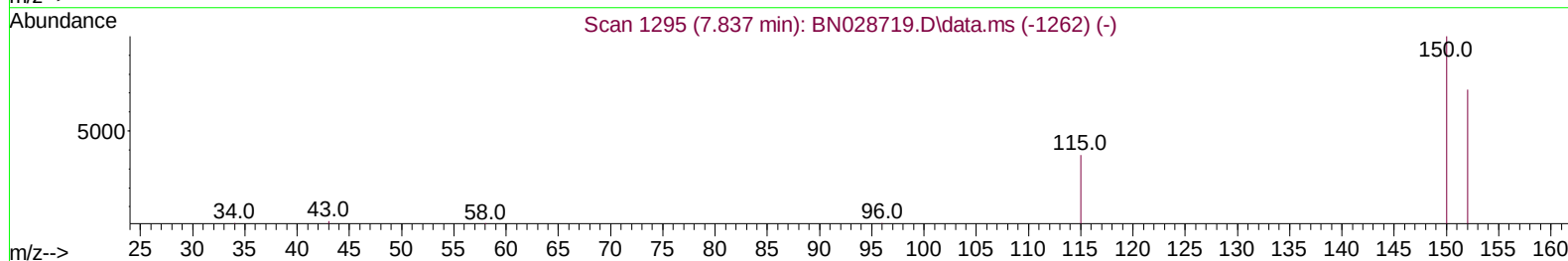
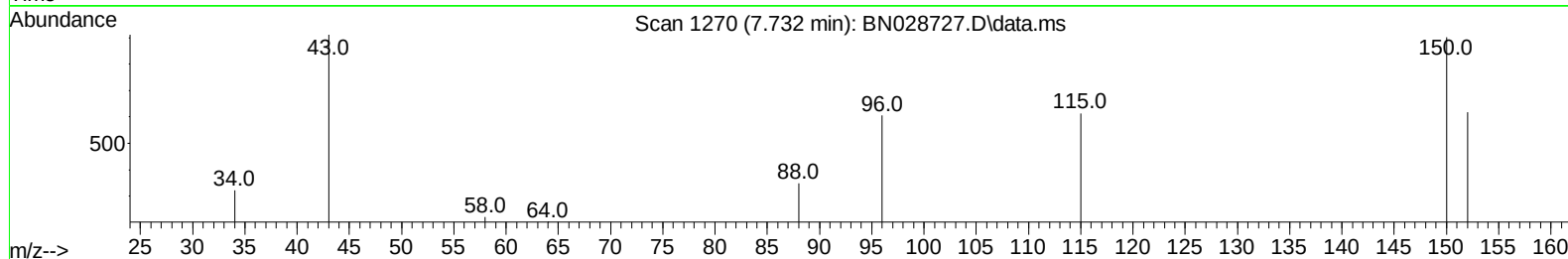
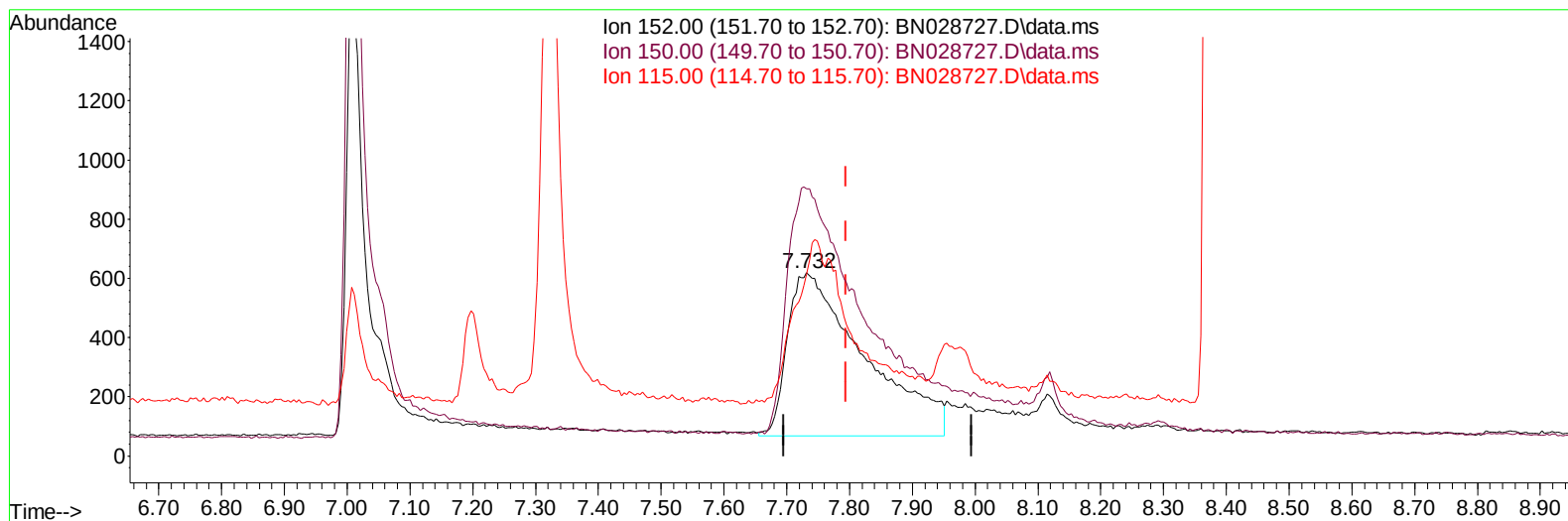
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Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
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TIC: BN028727.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 4726

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.72
115.00	62.20	99.03#
0.00	0.00	0.00

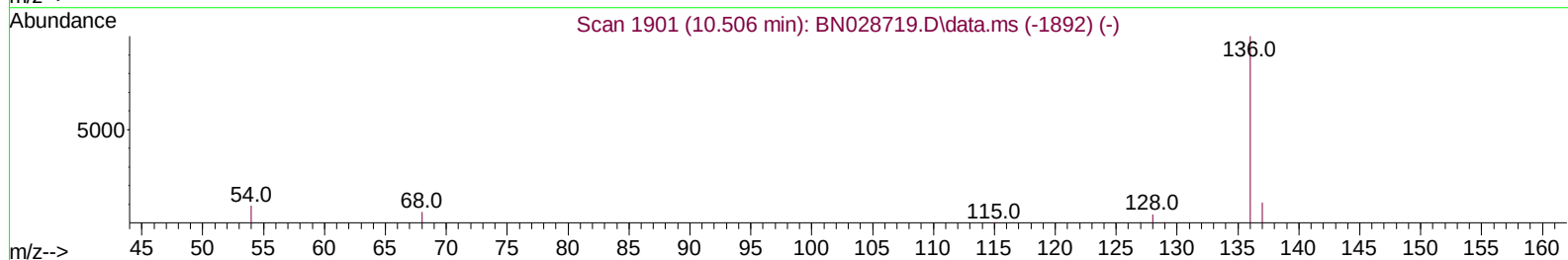
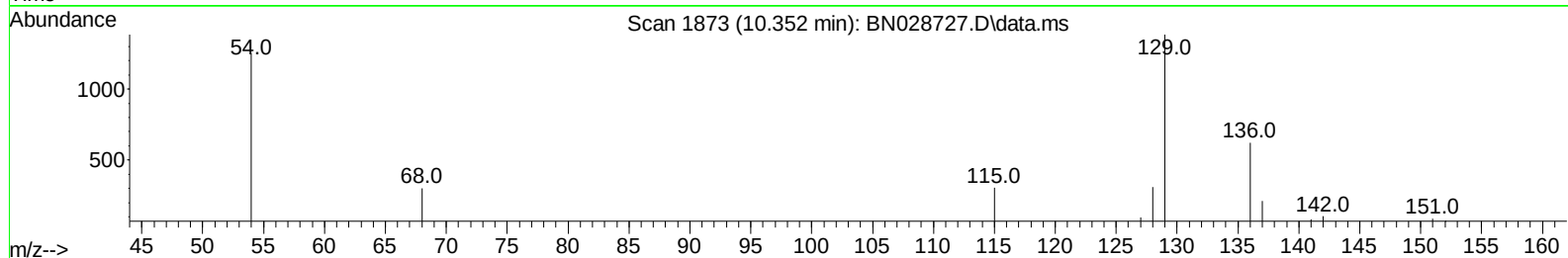
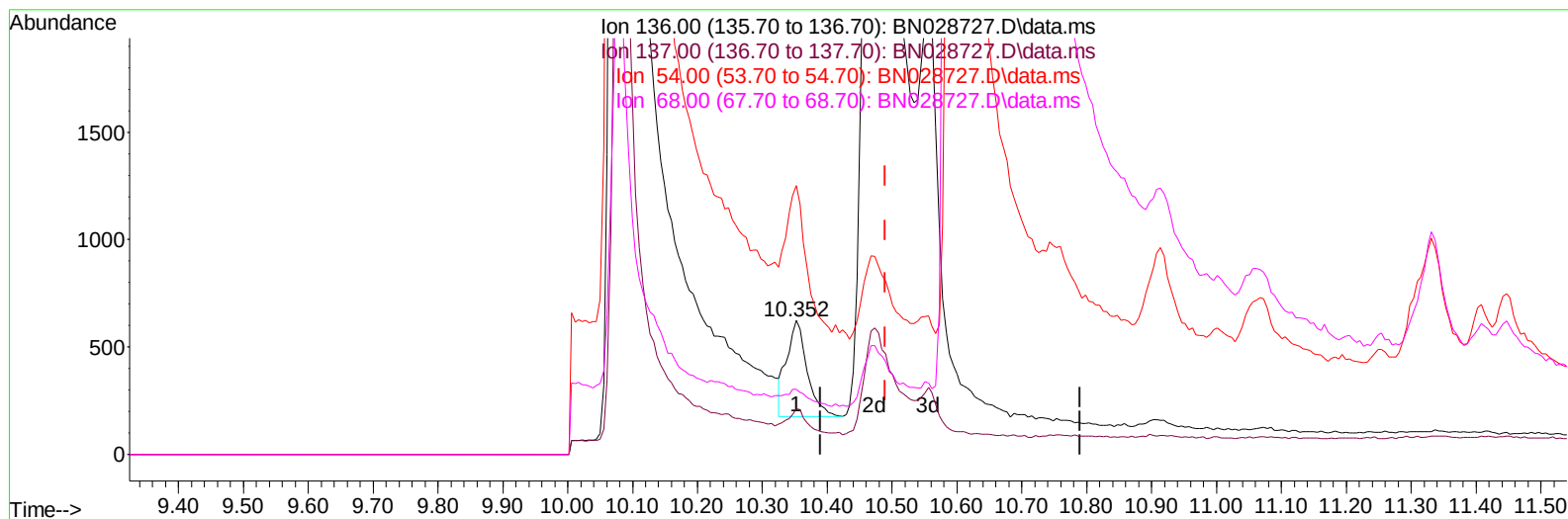
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Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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TIC: BN028727.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.138) 0.40 ng/u1

response 983

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.03#
54.00	9.00	200.80#
68.00	7.10	48.48#

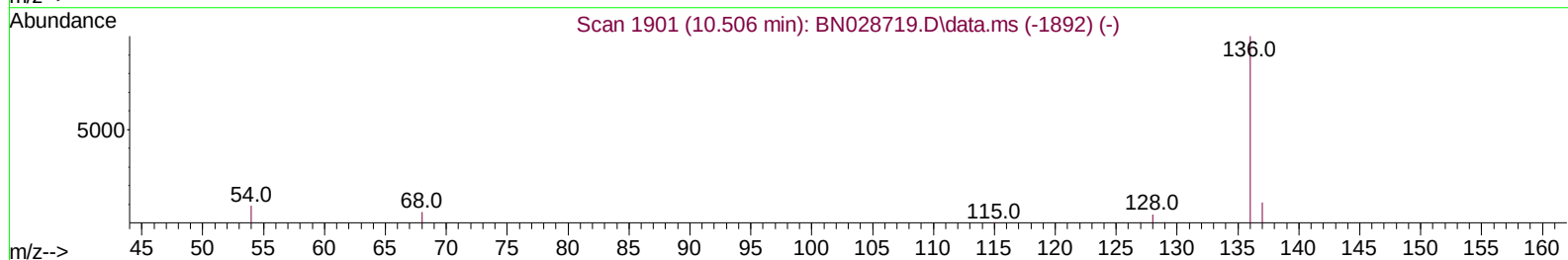
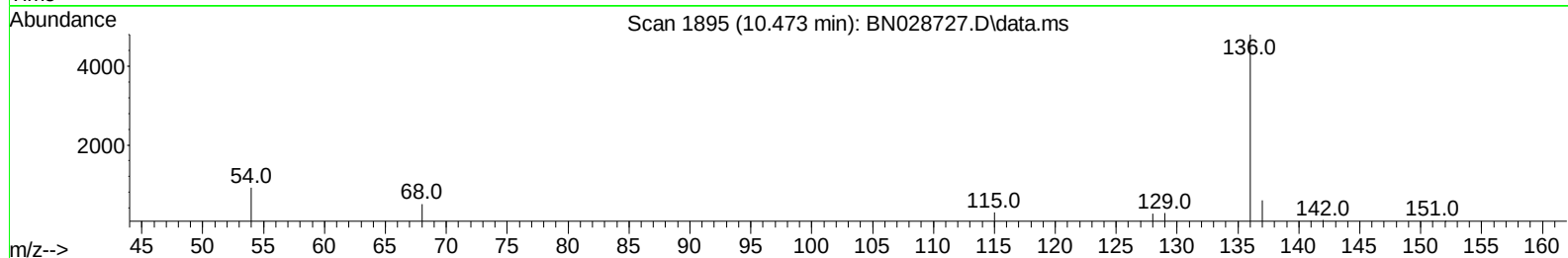
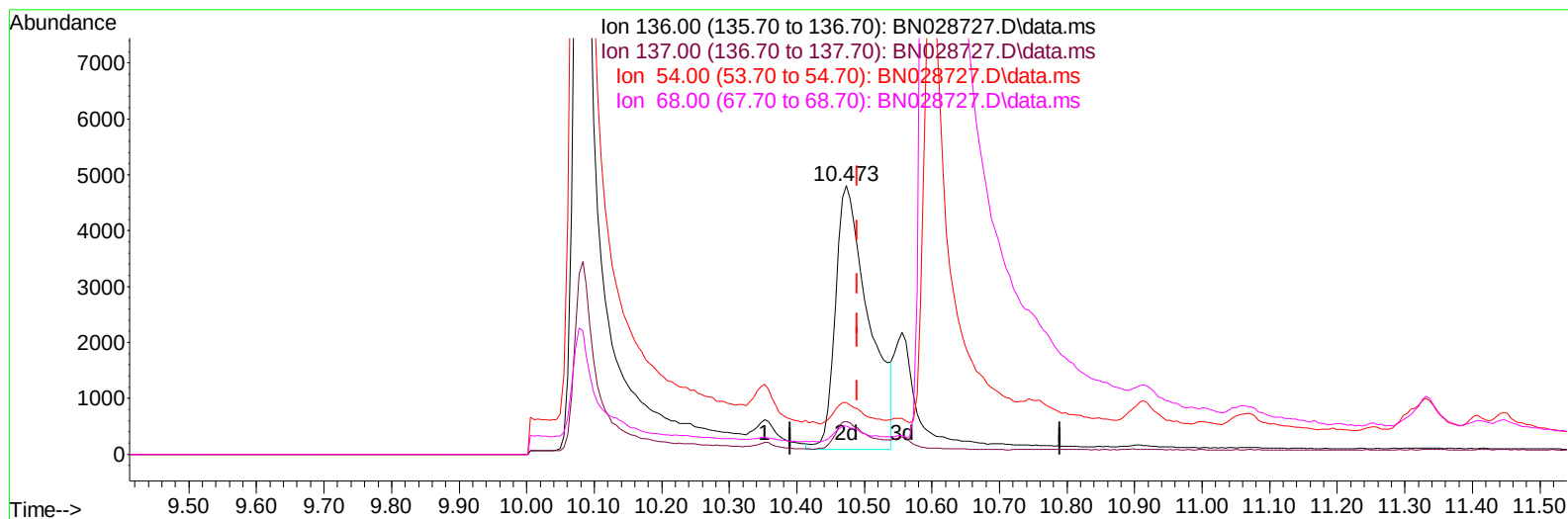
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 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
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TIC: BN028727.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.017) 0.40 ng/ul m

response 16161

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.24
54.00	9.00	19.18#
68.00	7.10	10.52#

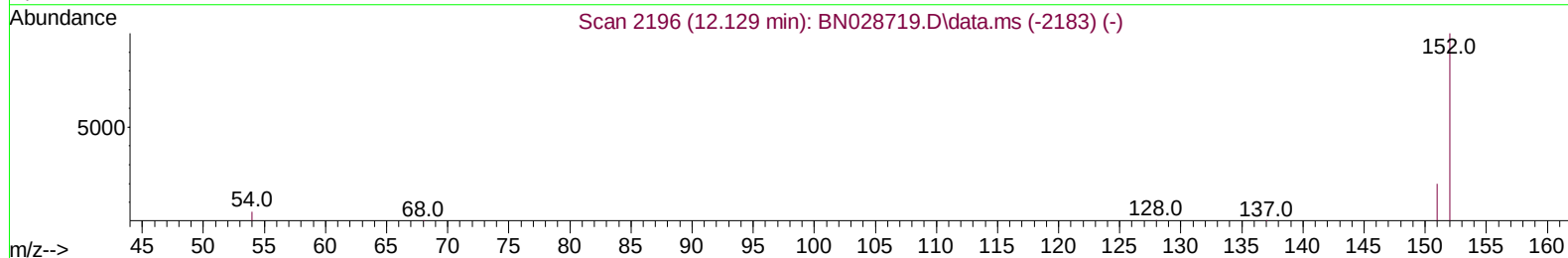
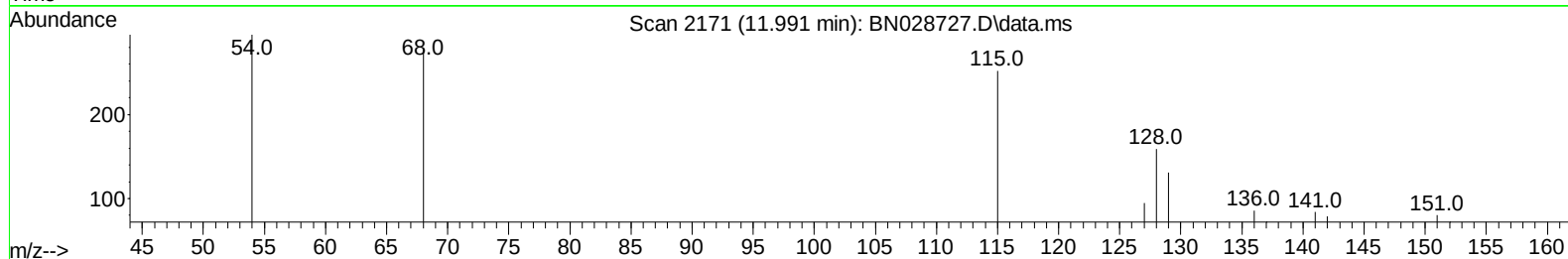
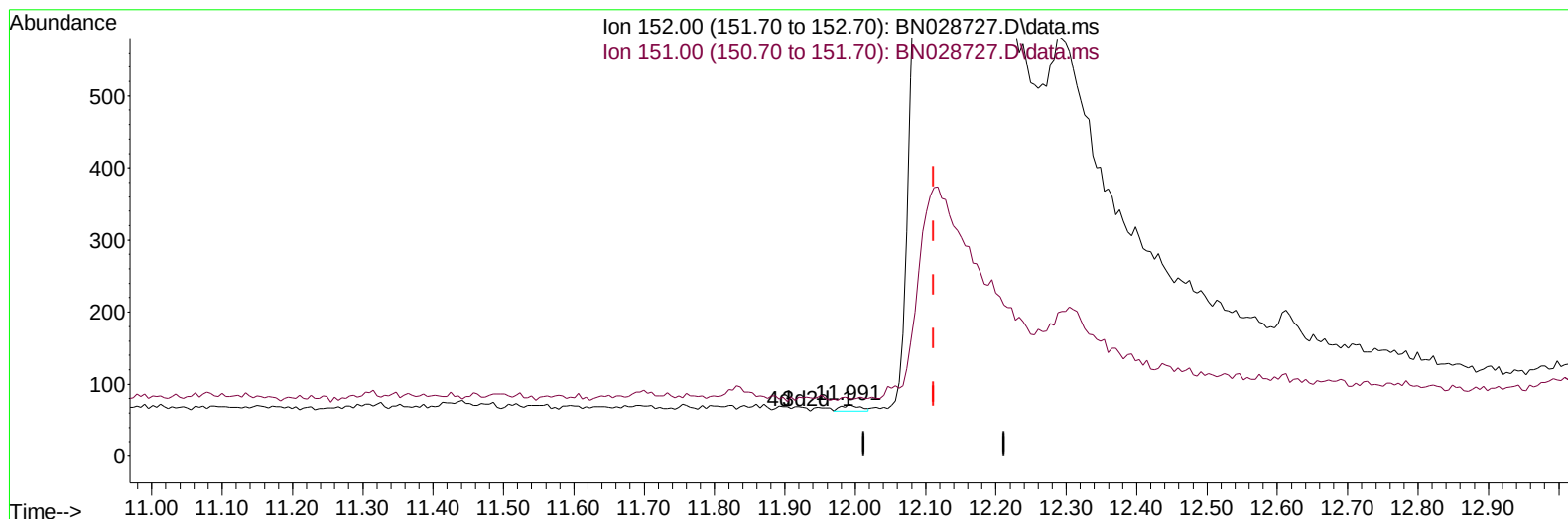
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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TIC: BN028727.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.991min (-0.121) 0.00 ng/u1

response 16

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	18.75
0.00	0.00	0.00
0.00	0.00	0.00

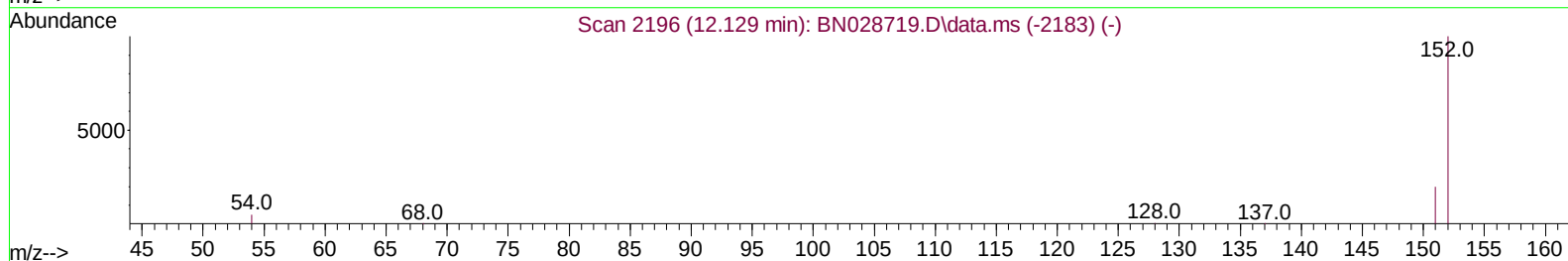
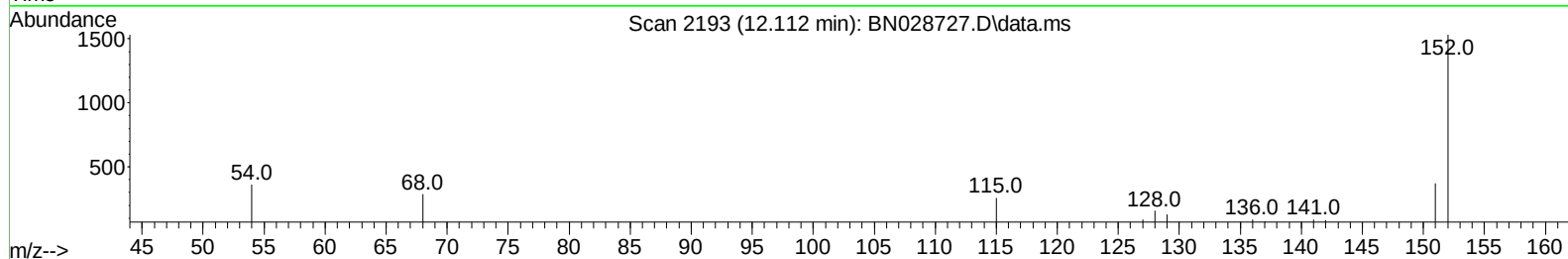
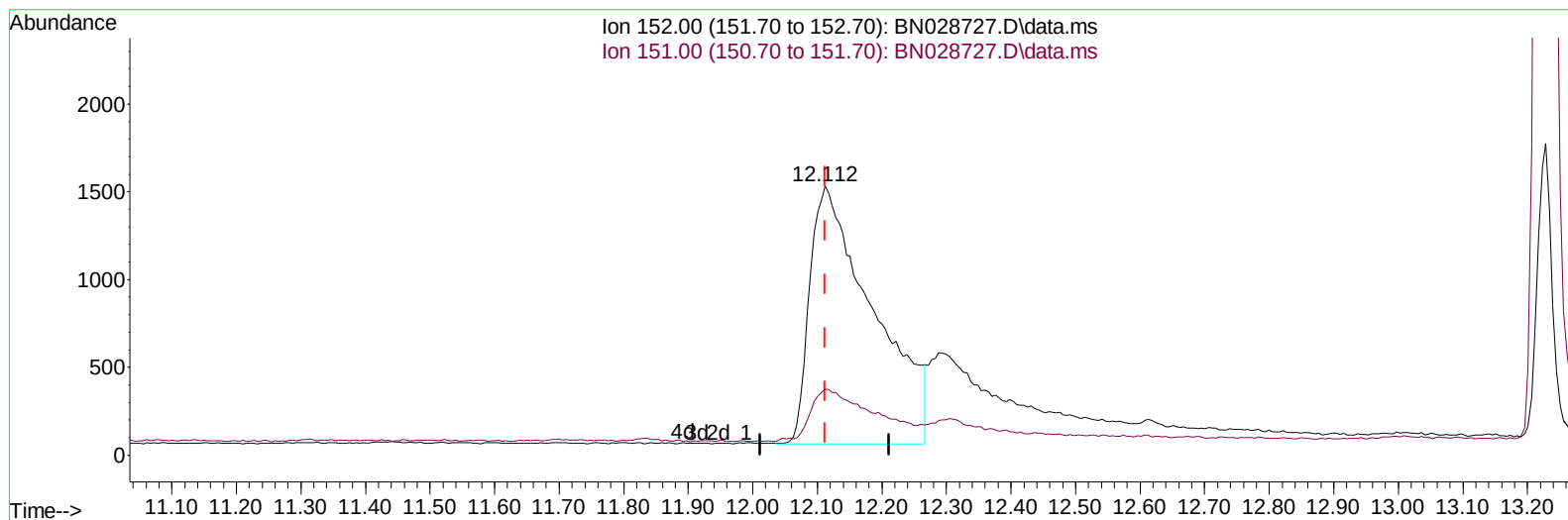
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 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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TIC: BN028727.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.112min (-0.000) 0.41 ng/ul m

response 10014

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.03#
0.00	0.00	0.00
0.00	0.00	0.00

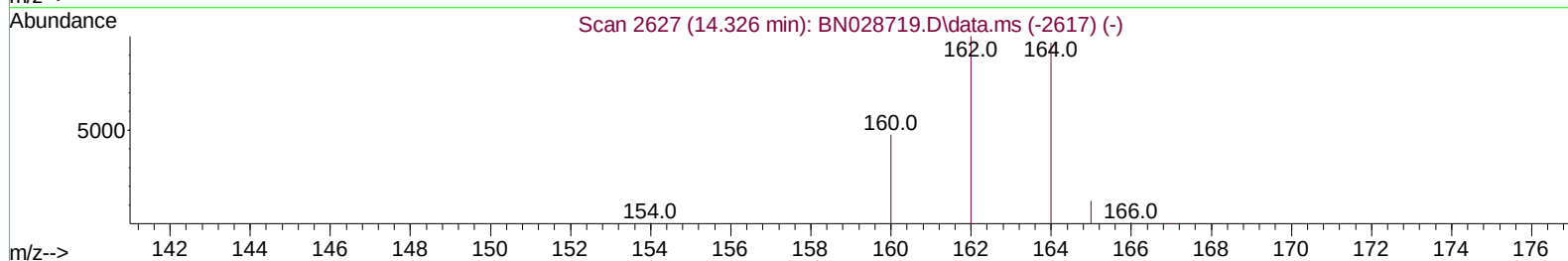
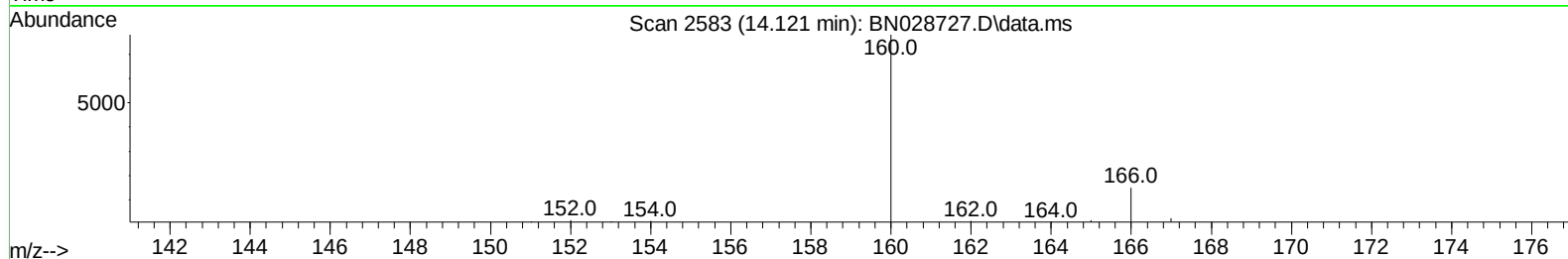
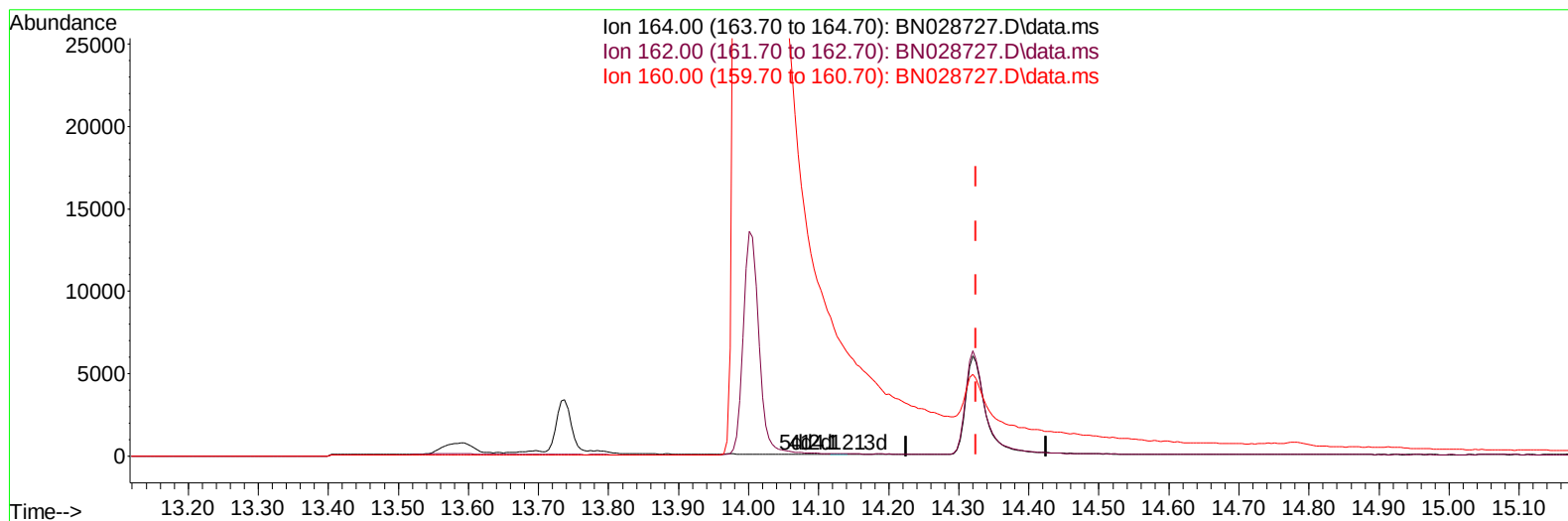
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 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

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TIC: BN028727.D\data.ms

(9) Acenaphthene-d10 (I)

14.121min (-0.204) 0.40 ng/u1

response 7

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	146.32#
160.00	49.20	8206.32#
0.00	0.00	0.00

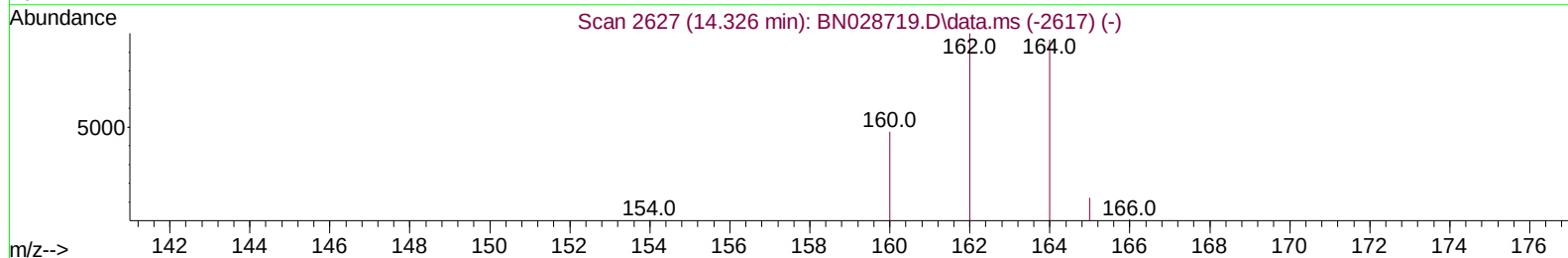
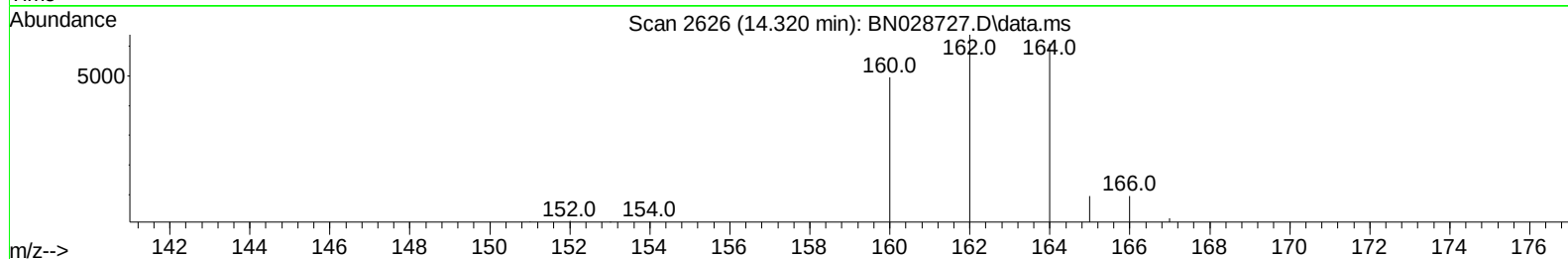
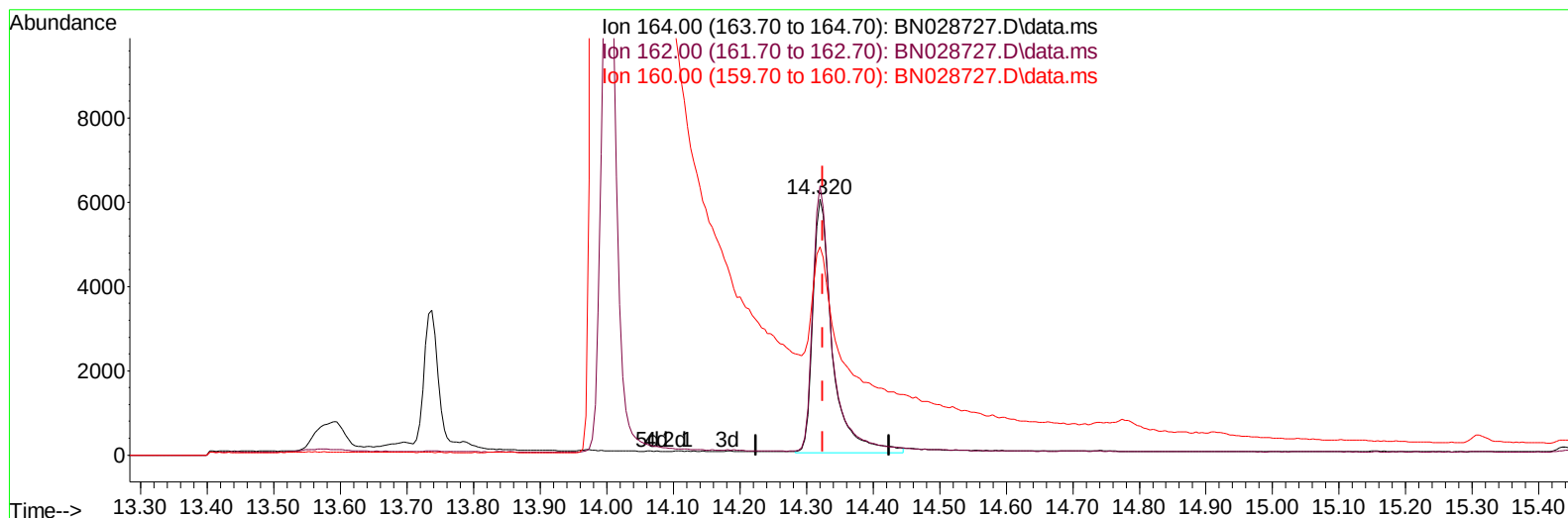
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Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 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: BN028727.D\data.ms

(9) Acenaphthene-d10 (I)

14.320min (-0.005) 0.40 ng/ul m

response 12208

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	105.00
160.00	49.20	81.44#
0.00	0.00	0.00

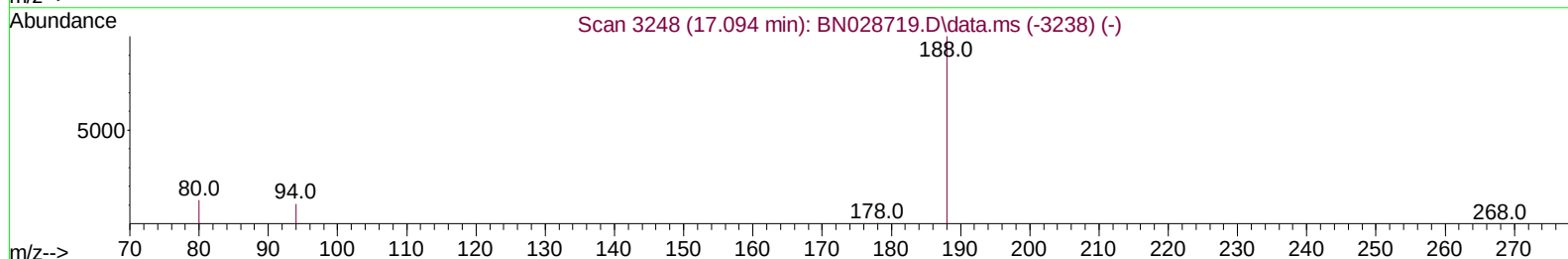
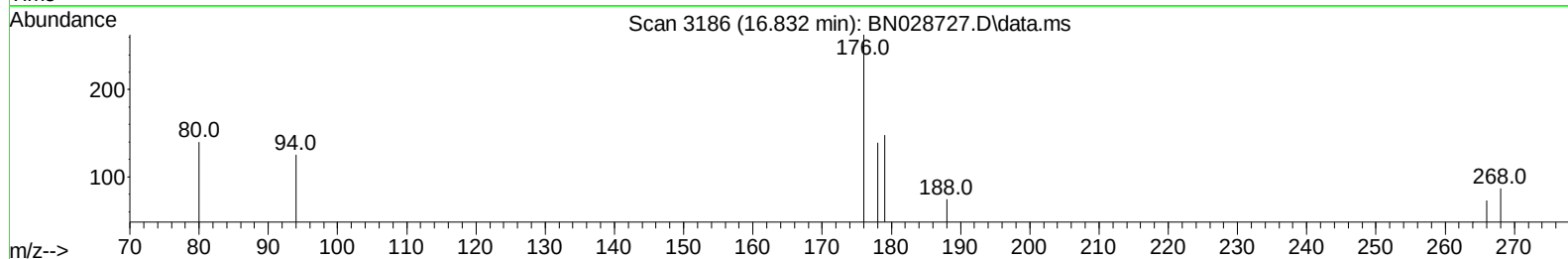
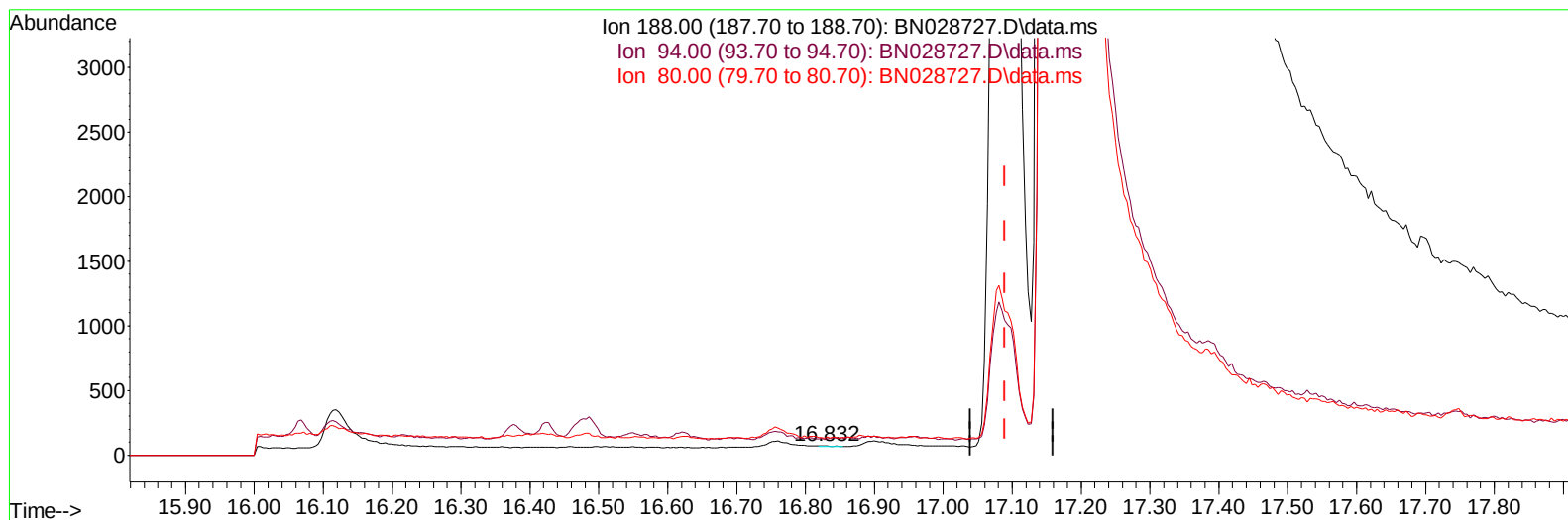
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 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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TIC: BN028727.D\data.ms

(13) Phenanthrene-d10 (I)

16.832min (-0.258) 0.40 ng/u1

response 7

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	168.92#
80.00	10.90	189.19#
0.00	0.00	0.00

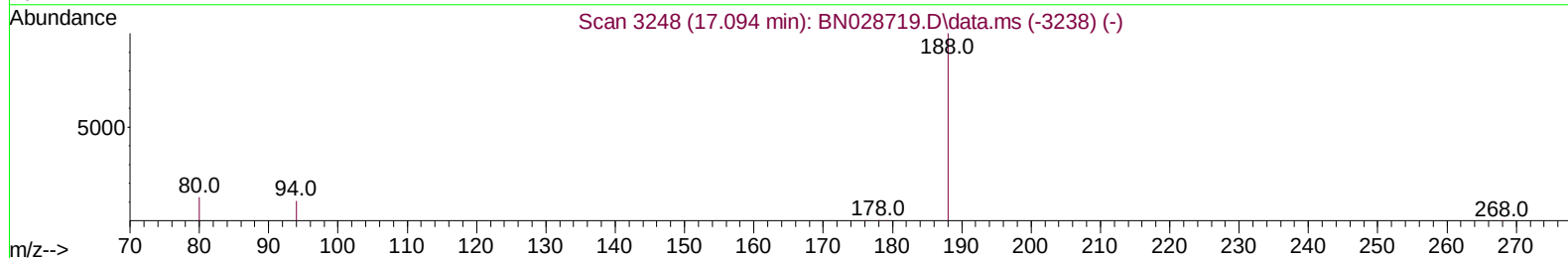
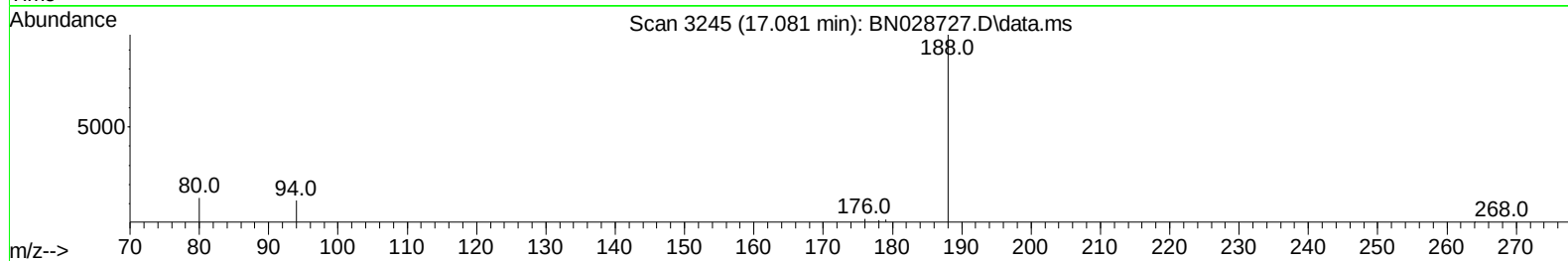
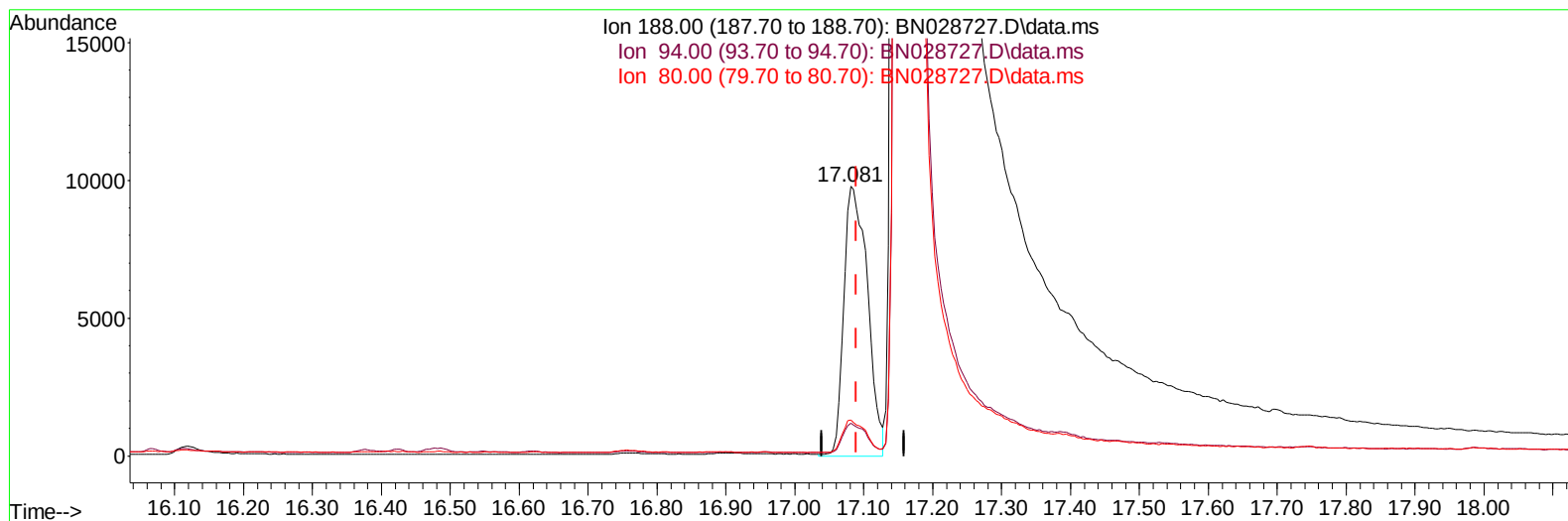
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Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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TIC: BN028727.D\data.ms

(13) Phenanthrene-d10 (I)

17.081min (-0.009) 0.40 ng/ul m

response 23369

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.12#
80.00	10.90	13.42#
0.00	0.00	0.00

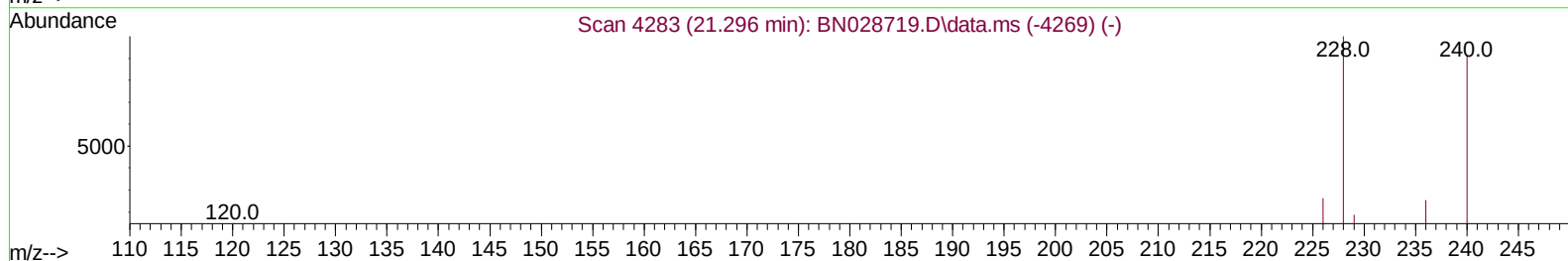
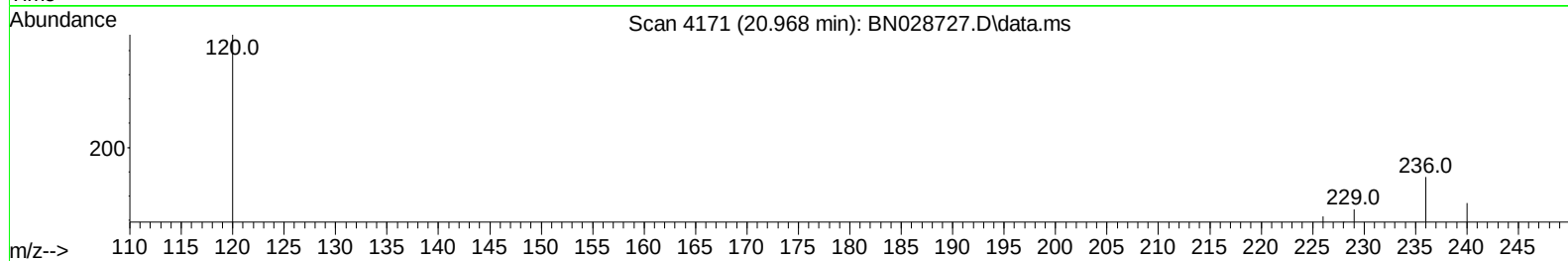
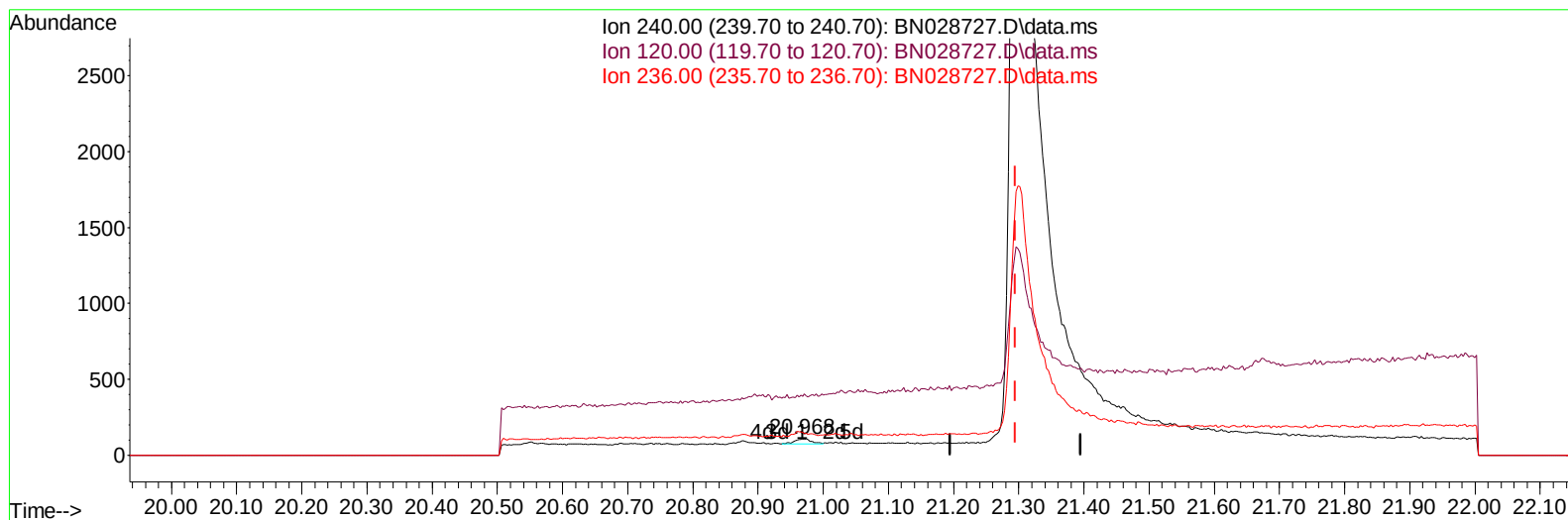
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Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
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Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

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TIC: BN028727.D\data.ms

(17) Chrysene-d12

20.968min (-0.327) 0.40 ng/u1

response 56

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	357.41#
236.00	28.00	139.81#
0.00	0.00	0.00

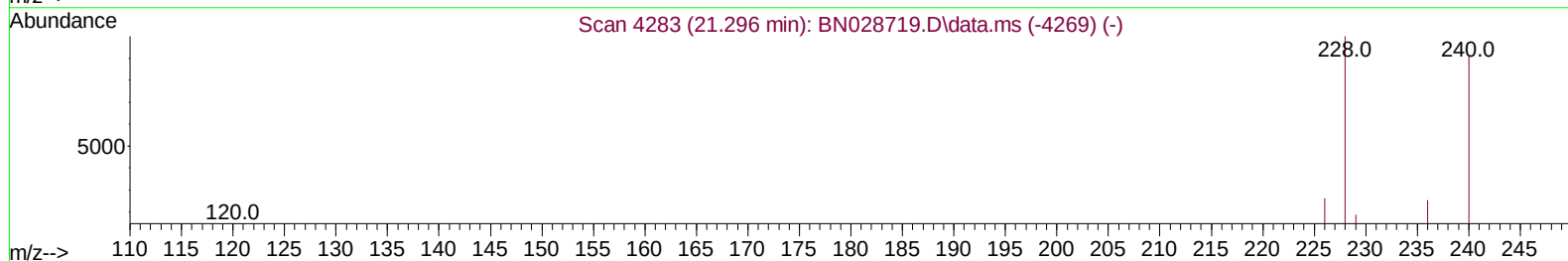
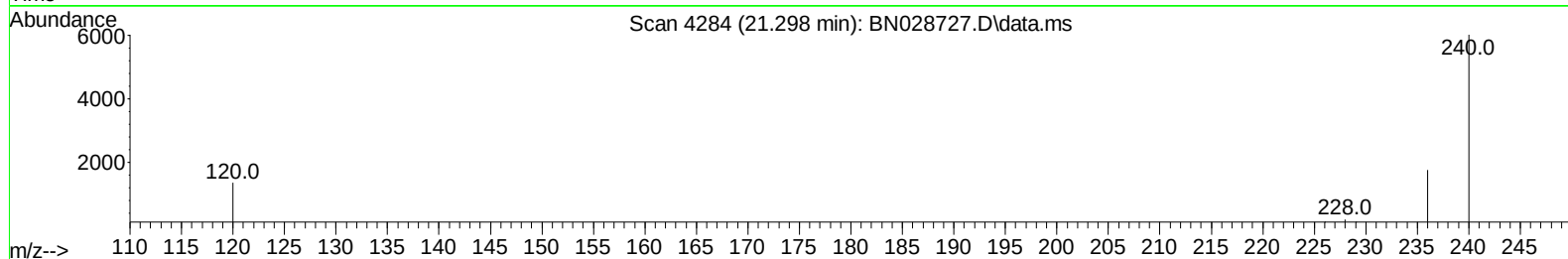
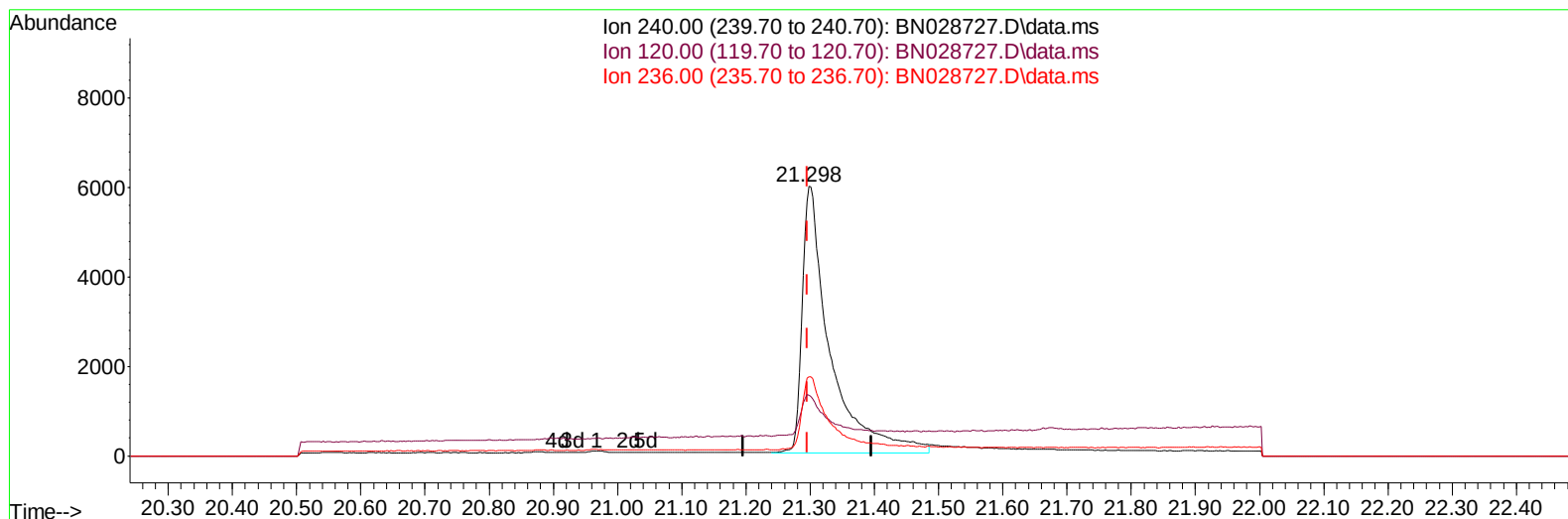
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 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028727.D\data.ms

(17) Chrysene-d12

21.298min (+ 0.003) 0.40 ng/ul m

response 17947

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	22.57#
236.00	28.00	29.43
0.00	0.00	0.00

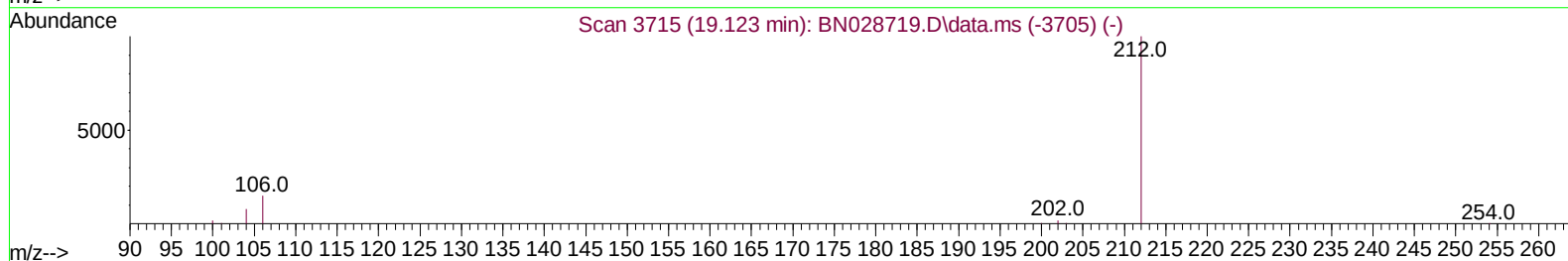
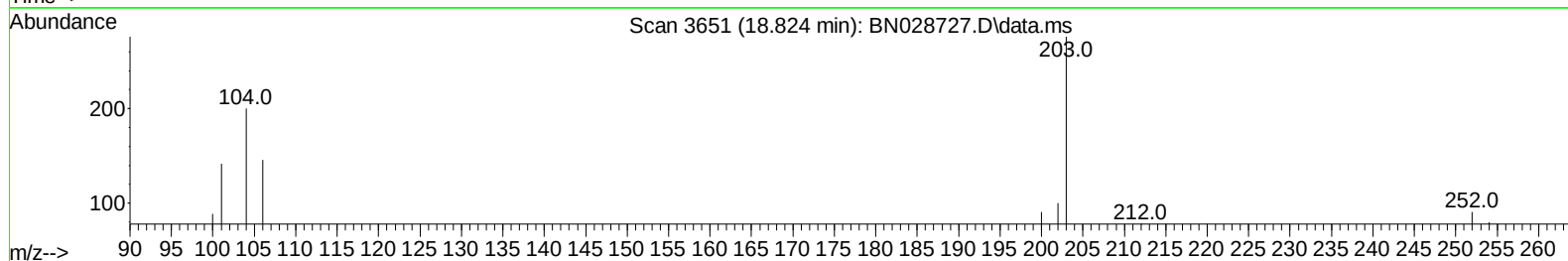
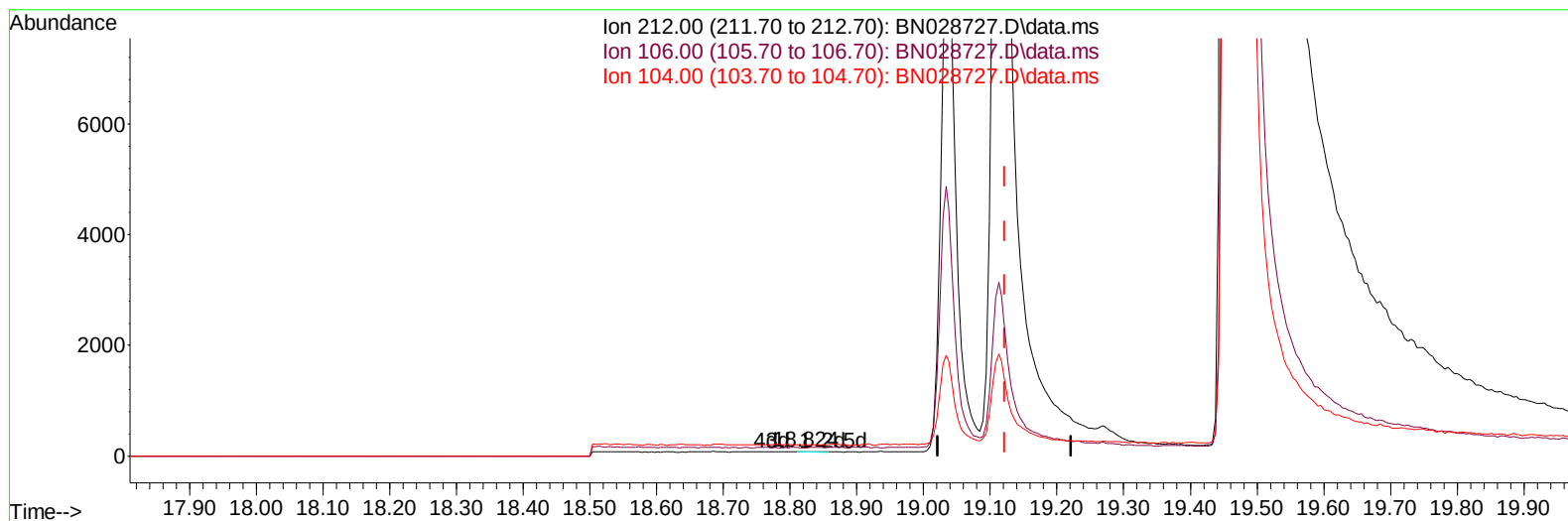
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028727.D
Acq On : 18 Nov 2023 07:30
Operator : MA/JU
Sample : 05369-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 2023
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TIC: BN028727.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.824min (-0.298) 0.00 ng/u1

response 11

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

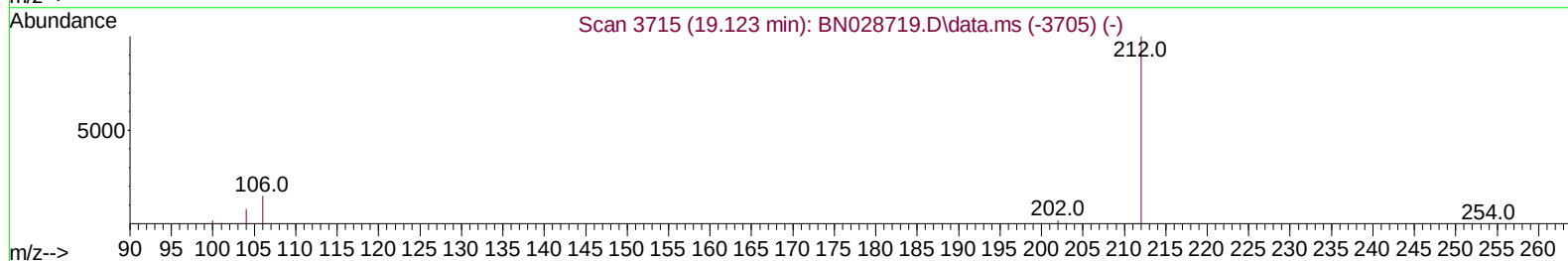
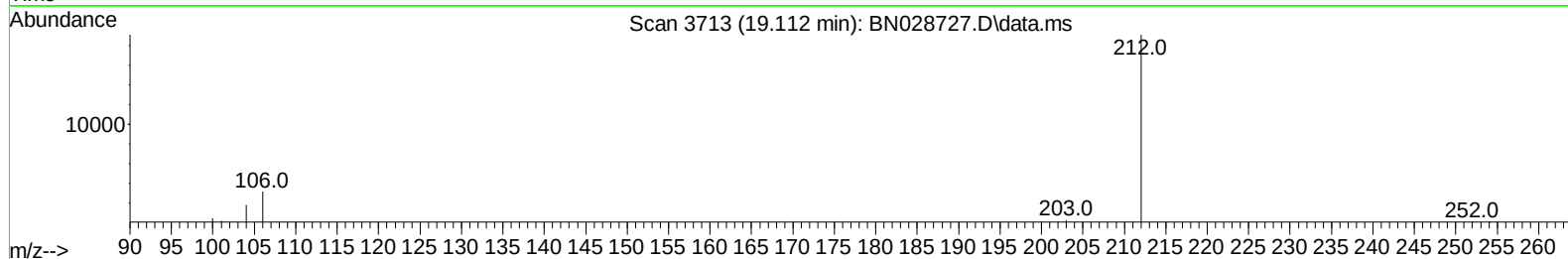
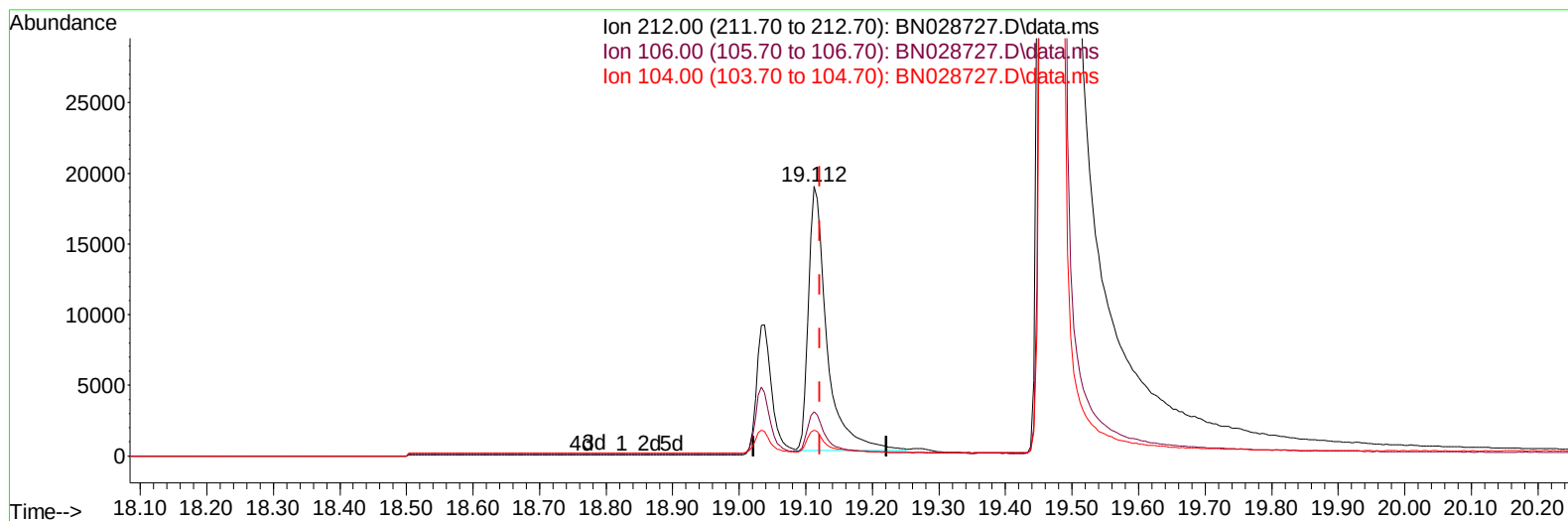
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:06 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 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028727.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.112min (-0.009) 0.62 ng/ul m

response 35603

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

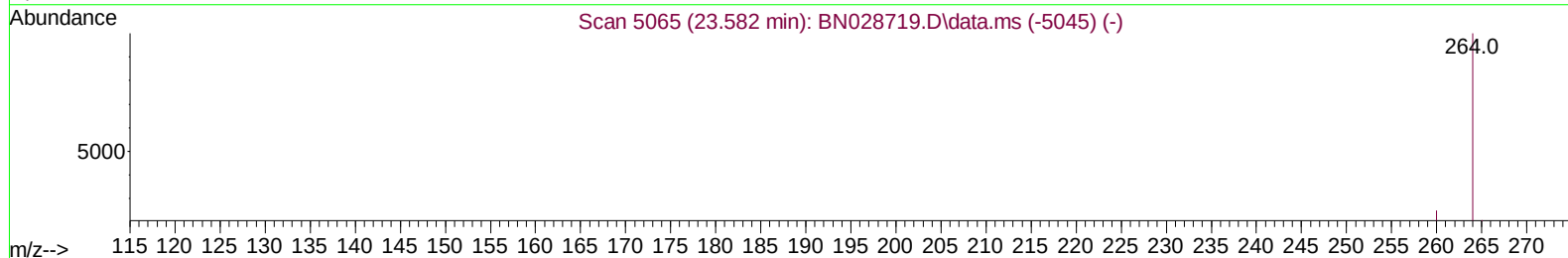
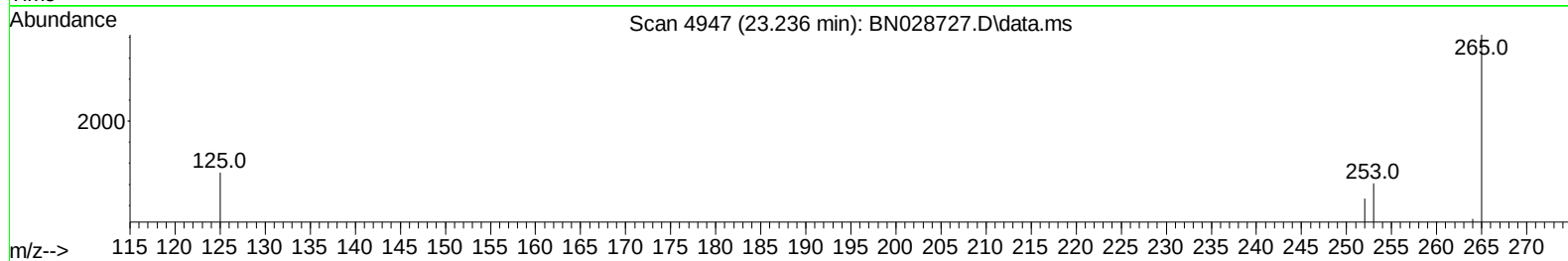
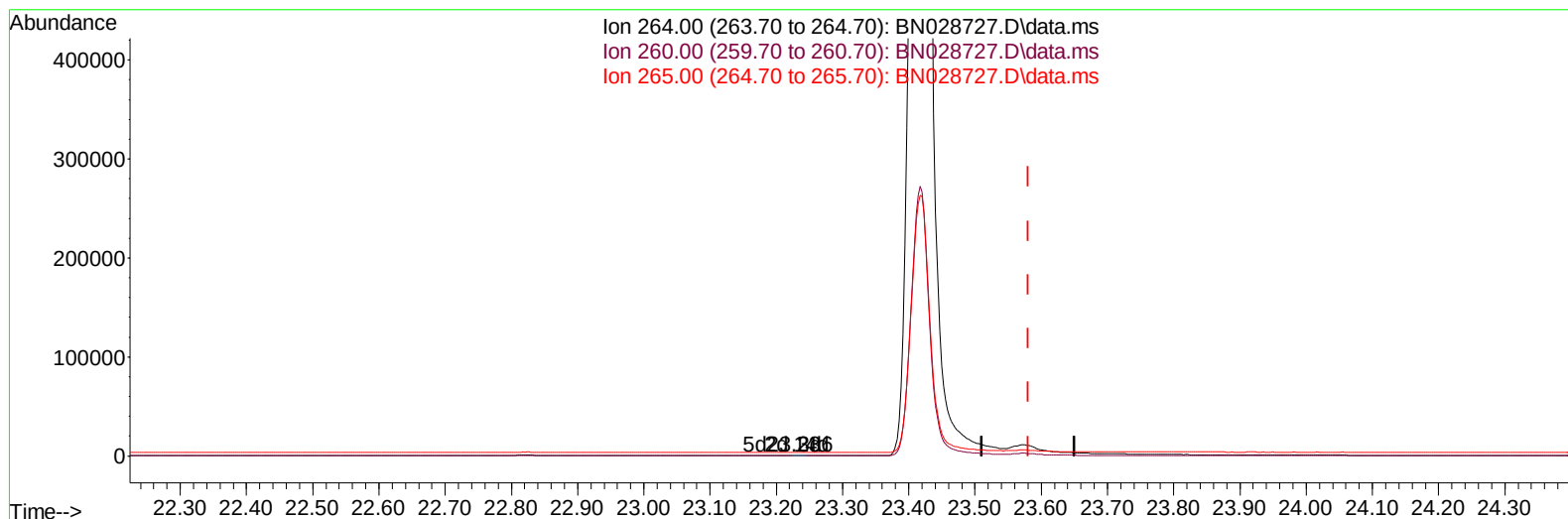
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
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TIC: BN028727.D\data.ms

(23) Perylene-d12 (I)

23.236min (-0.345) 0.40 ng/u1

response 6

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	55.17#
265.00	38.80	2515.86#
0.00	0.00	0.00

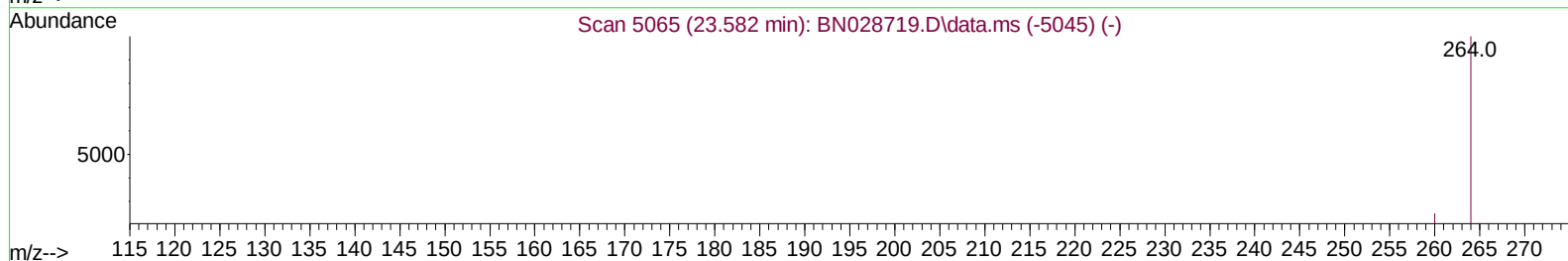
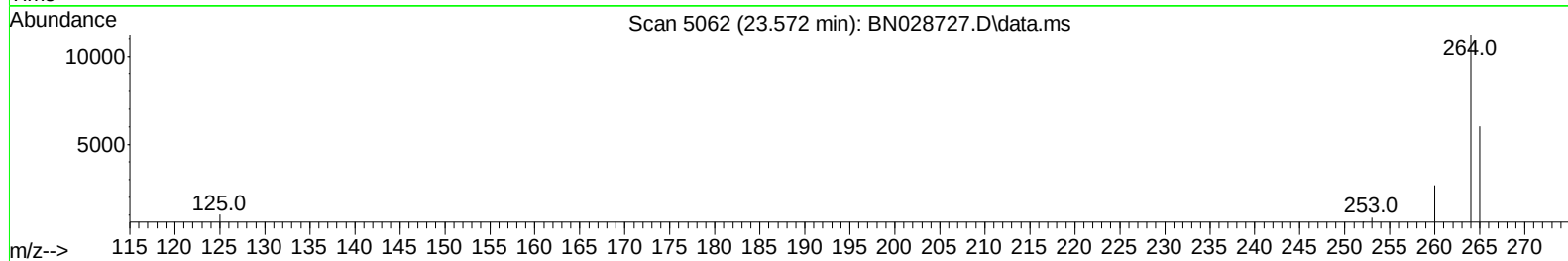
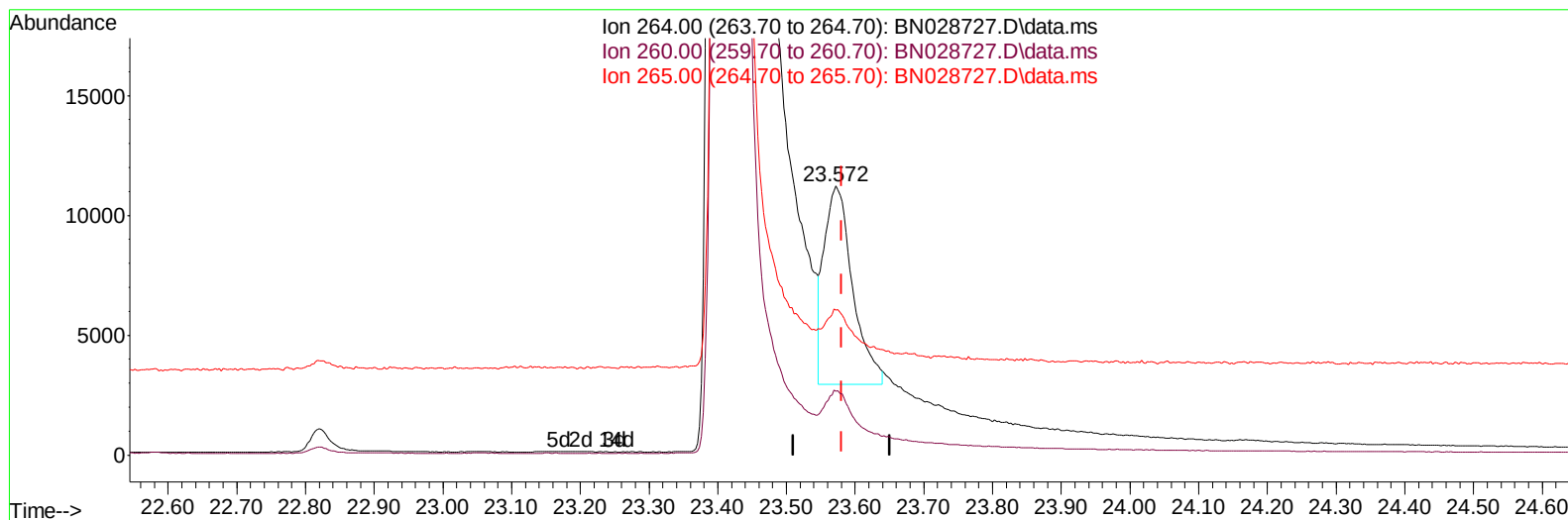
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

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TIC: BN028727.D\data.ms

(23) Perylene-d12 (I)

23.572min (-0.009) 0.40 ng/ul m

response 23919

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	23.78
265.00	38.80	53.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028727.D
 Acq On : 18 Nov 2023 07:30
 Operator : MA/JU
 Sample : 05369-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN3

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	4726m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.473	136	16161m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.320	164	12208m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	23369m	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	17947m	0.400	ng/ul	0.00
23) Perylene-d12	23.572	264	23919m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	42357	8.109	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	10014m	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.112	212	35603m	0.616	ng/ul	0.00

Target Compounds Qvalue

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

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