

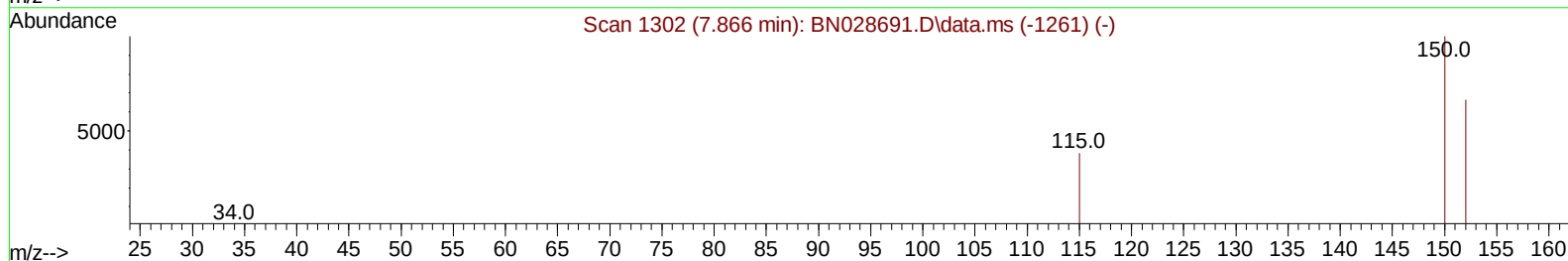
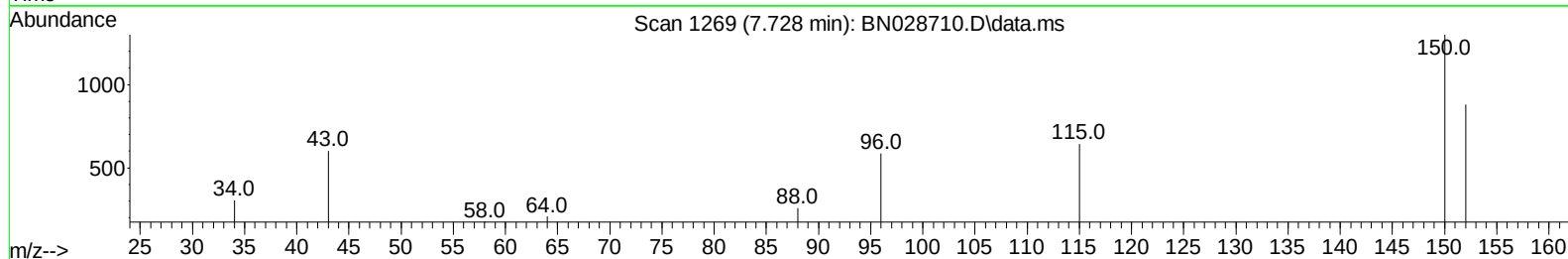
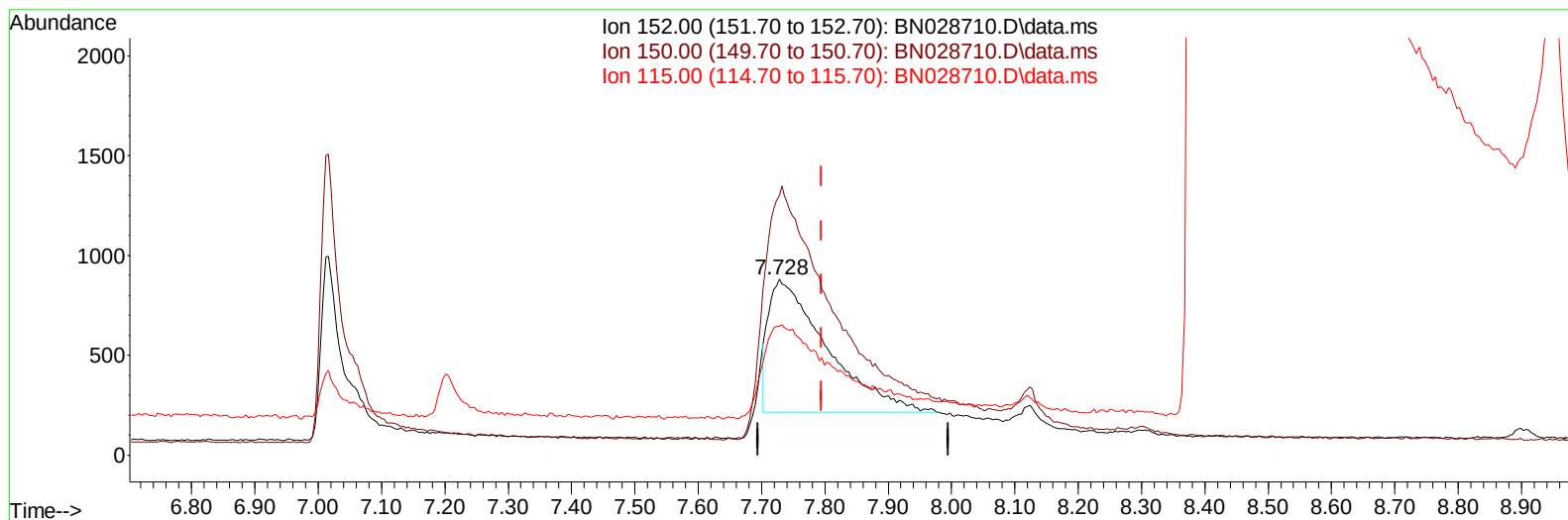
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028710.D
Acq On : 17 Nov 2023 20:41
Operator : MA/JU
Sample : 05158-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH371

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:26:13 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: BN028710.D\data.ms

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

7.728min (-0.067) 0.40 ng/u1

response 4216

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.56
115.00	62.20	73.21
0.00	0.00	0.00

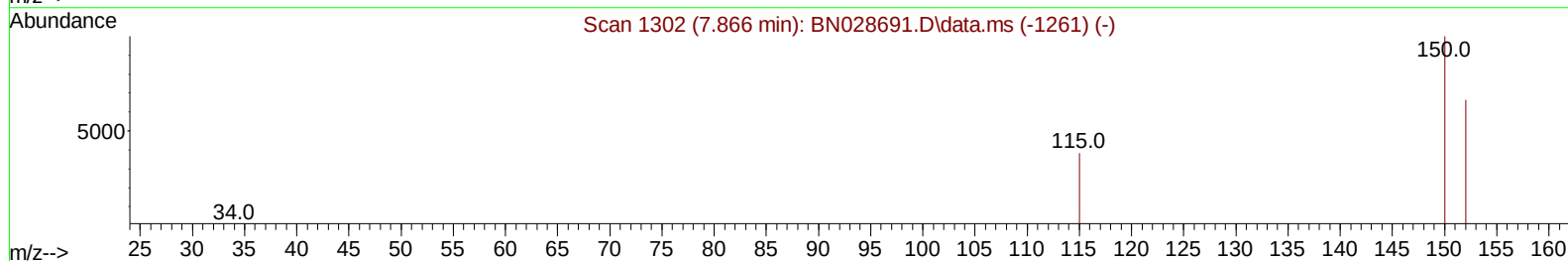
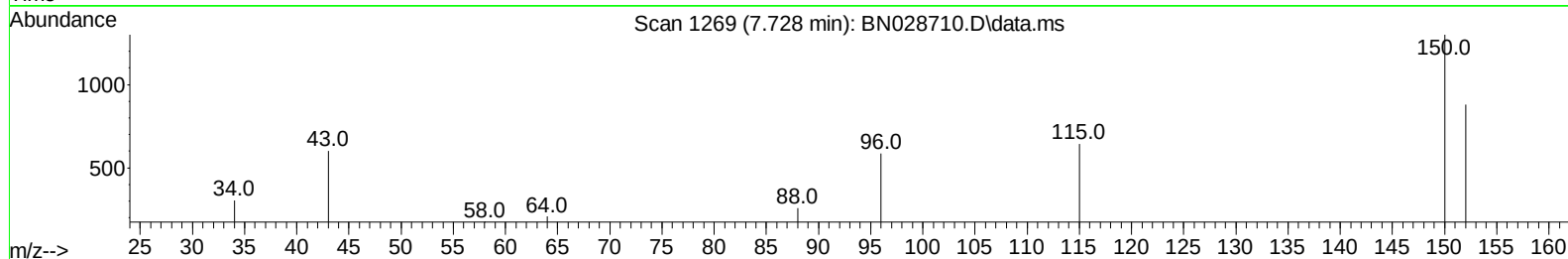
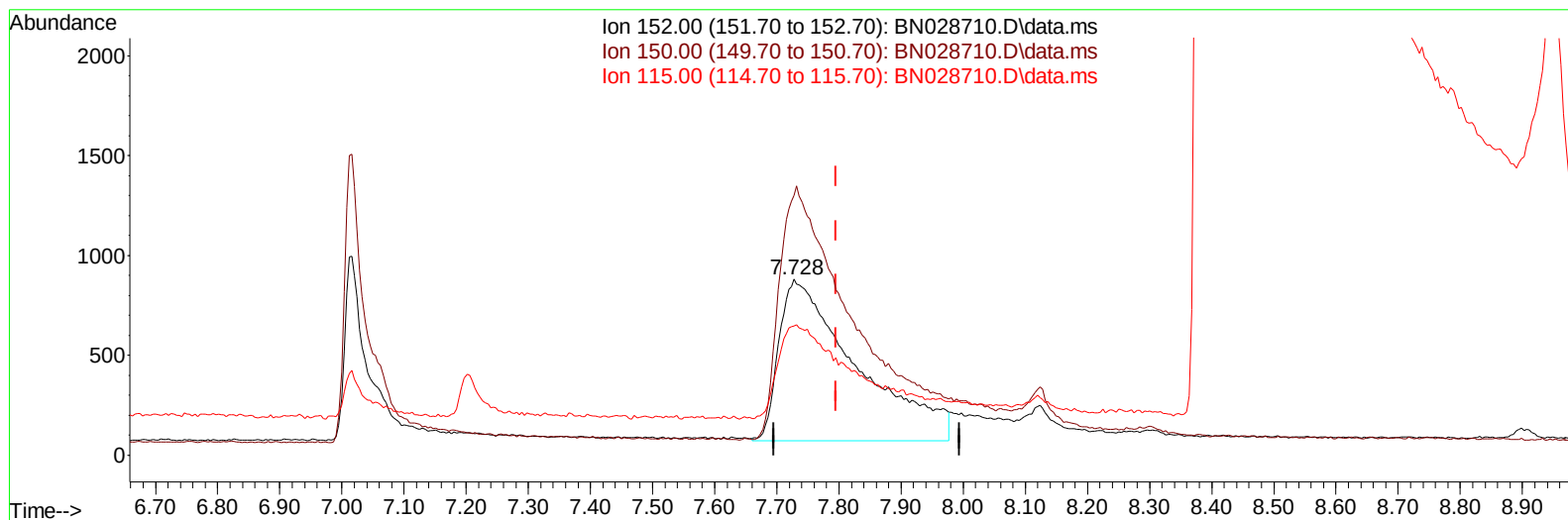
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 Operator : MA/JU
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

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TIC: BN028710.D\data.ms

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

7.728min (-0.067) 0.40 ng/ul m

response 7003

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.56
115.00	62.20	73.21
0.00	0.00	0.00

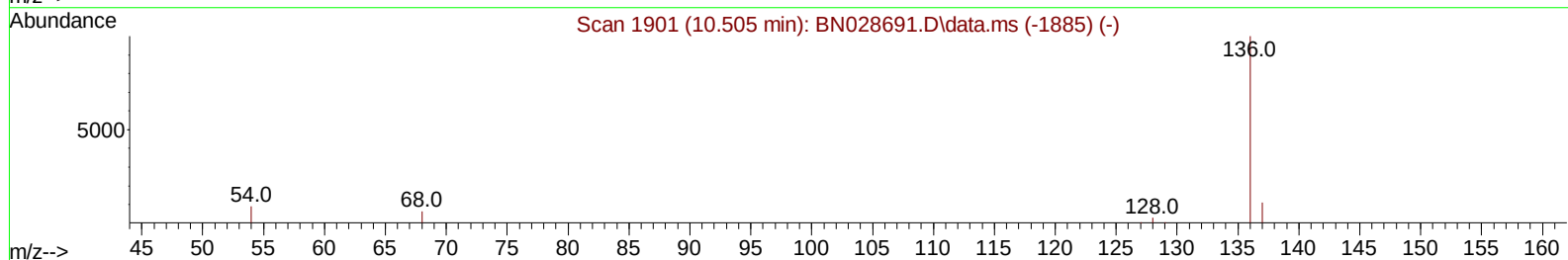
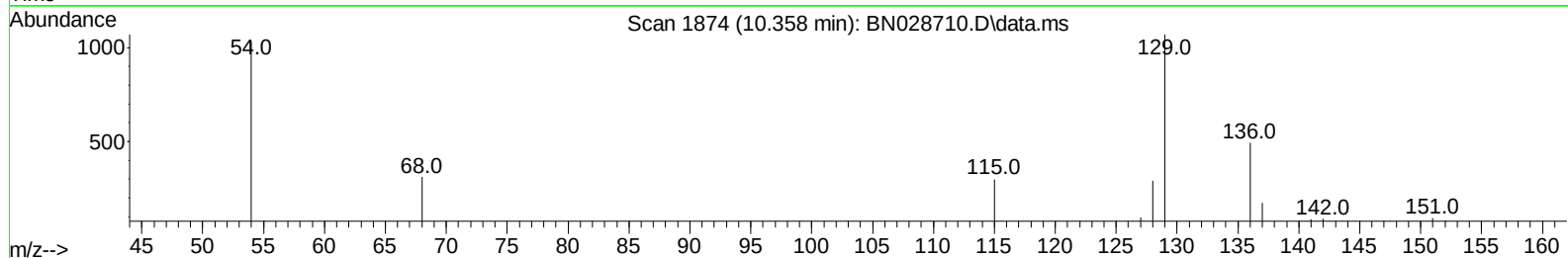
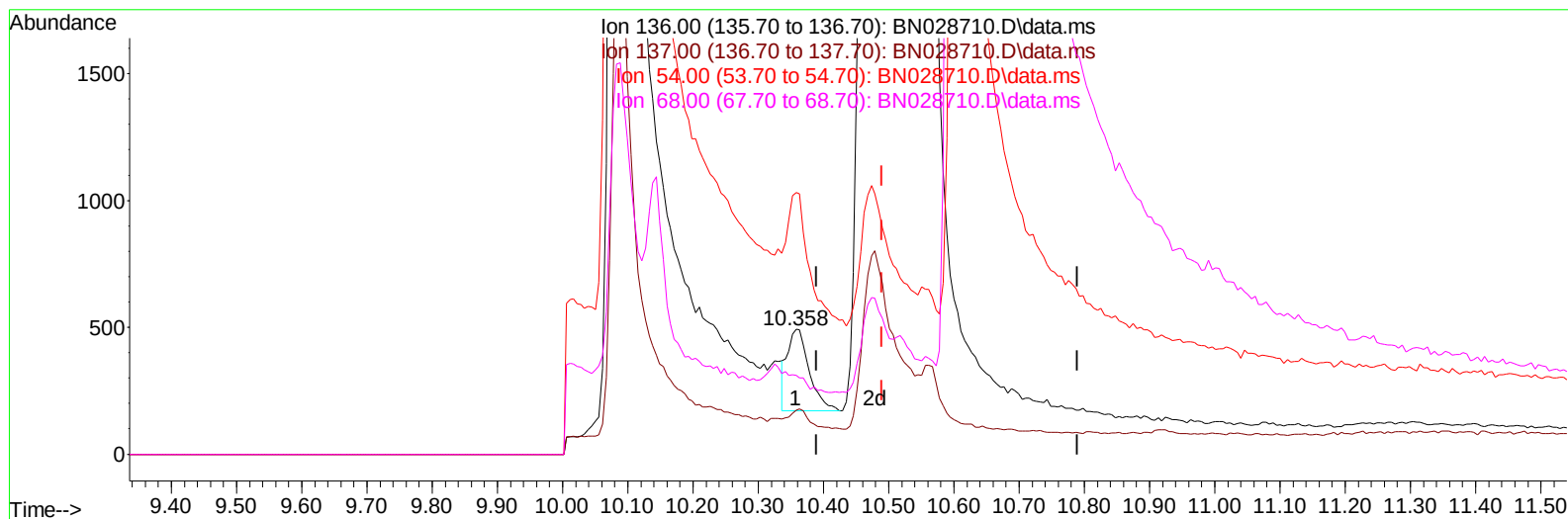
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Data File : BN028710.D
Acq On : 17 Nov 2023 20:41
Operator : MA/JU
Sample : 05158-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH371

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TIC: BN028710.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 746

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	35.37#
54.00	9.00	209.55#
68.00	7.10	63.01#

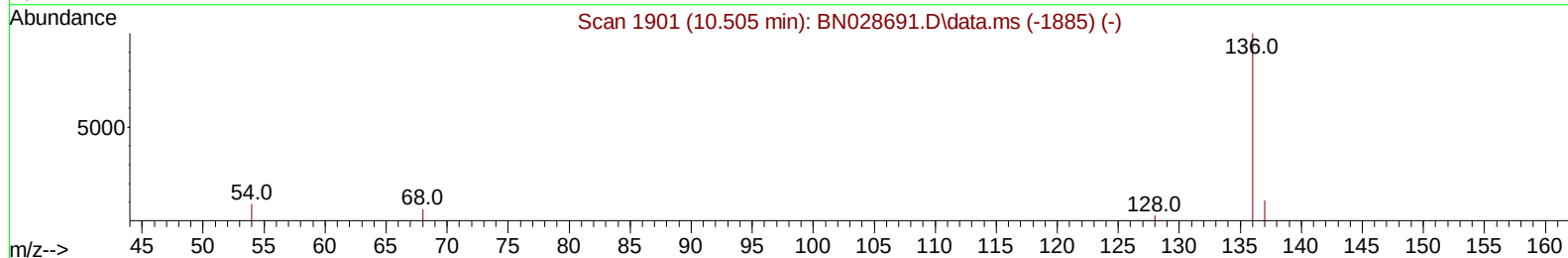
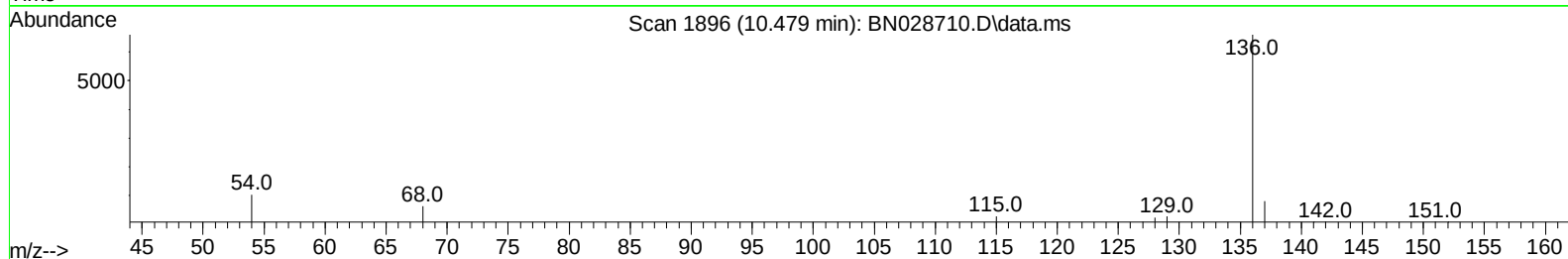
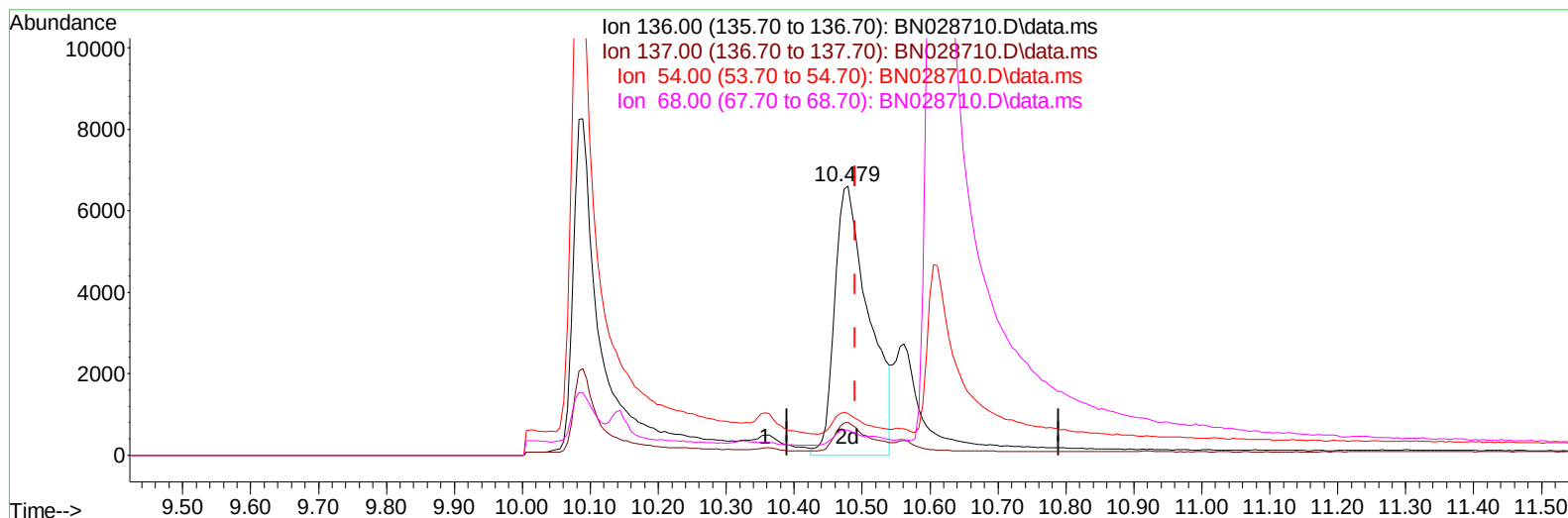
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Data File : BN028710.D
Acq On : 17 Nov 2023 20:41
Operator : MA/JU
Sample : 05158-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH371

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:26:13 2023
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TIC: BN028710.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 22952

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.14
54.00	9.00	15.55#
68.00	7.10	9.31#

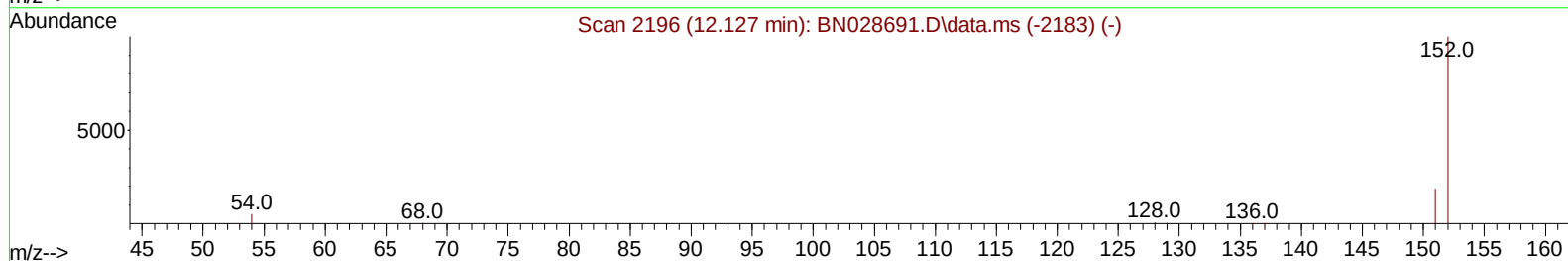
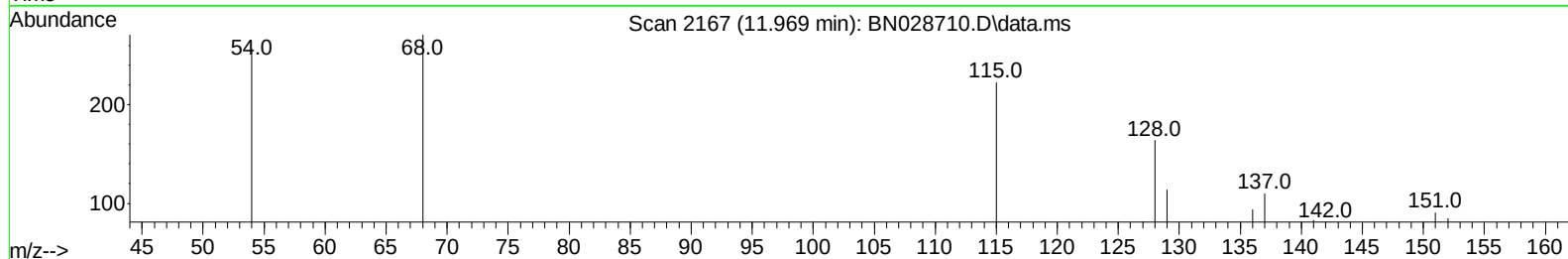
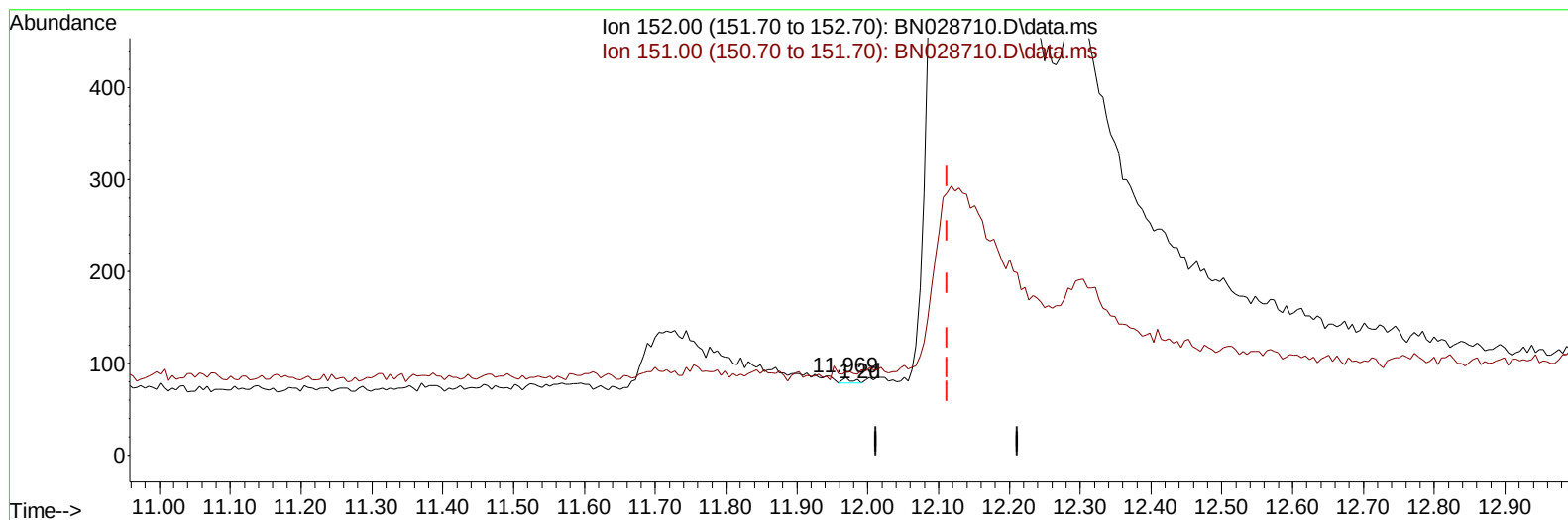
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028710.D
 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.969min (-0.143) 0.00 ng/u1

response 6

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	66.67#
0.00	0.00	0.00
0.00	0.00	0.00

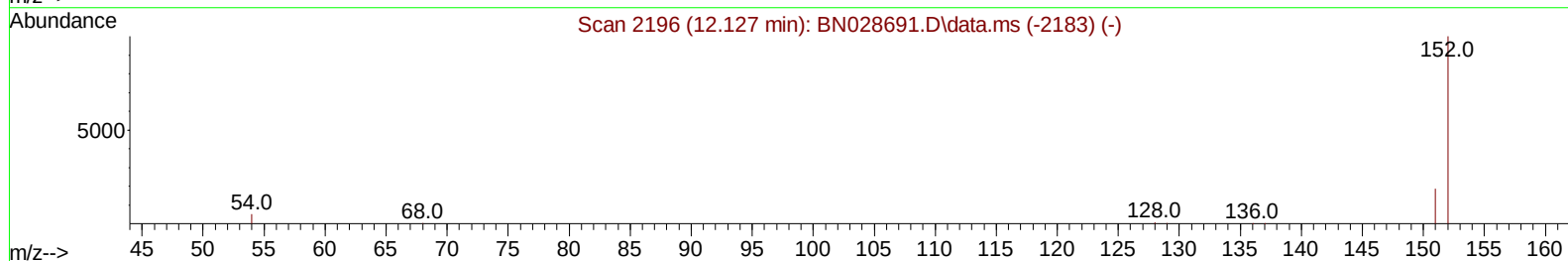
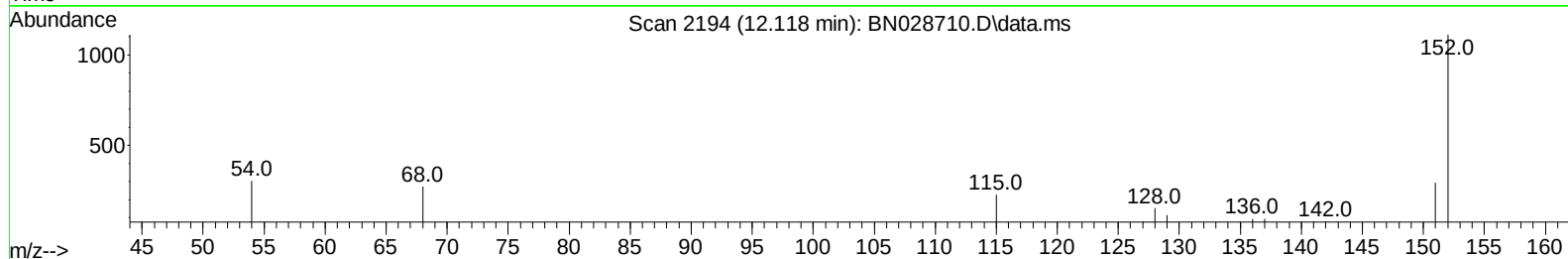
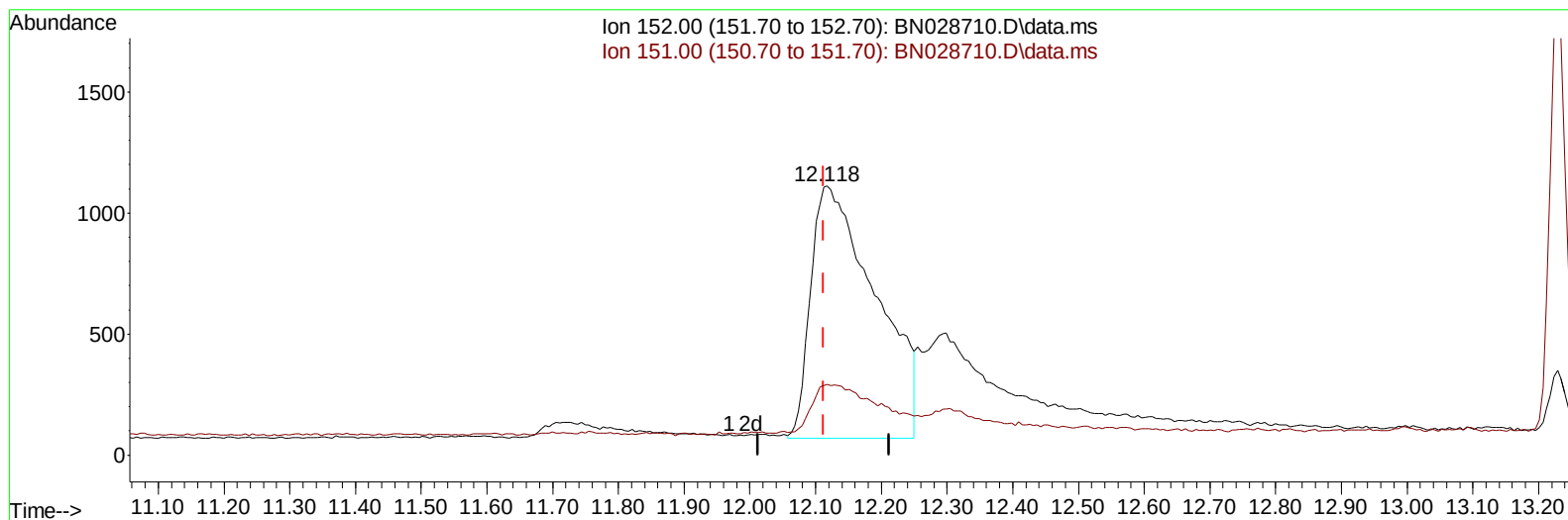
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Data File : BN028710.D
Acq On : 17 Nov 2023 20:41
Operator : MA/JU
Sample : 05158-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.118min (+ 0.006) 0.21 ng/ul m

response 7128

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.06#
0.00	0.00	0.00
0.00	0.00	0.00

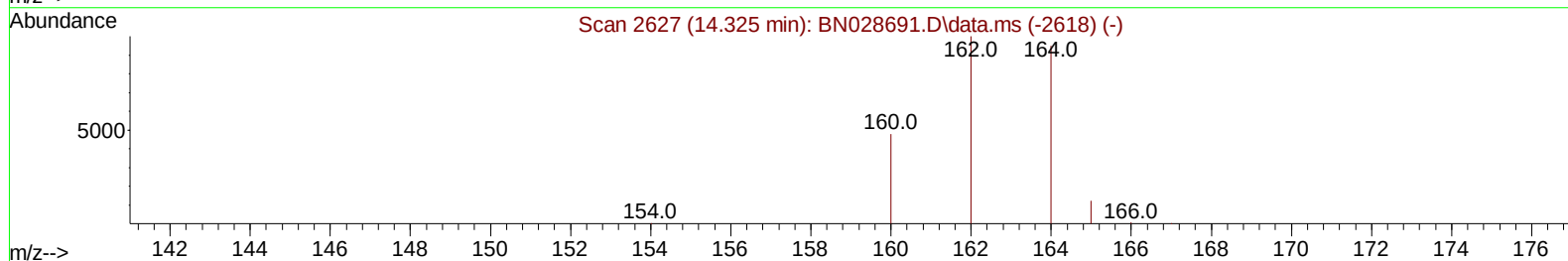
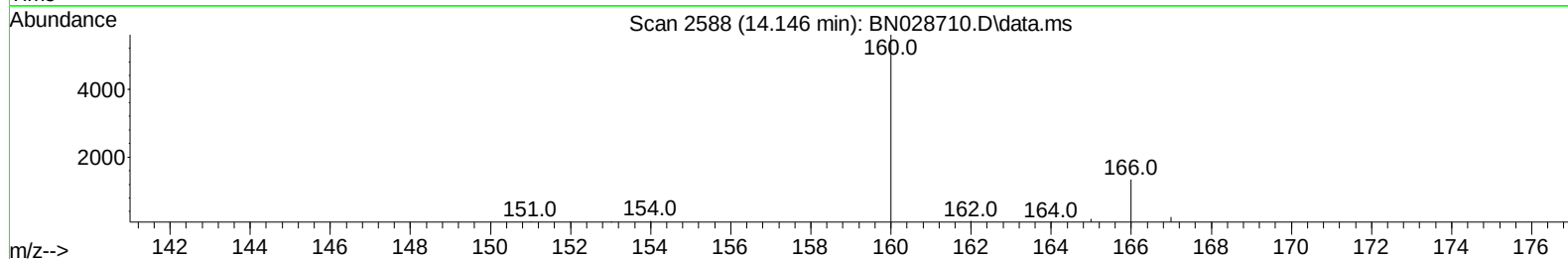
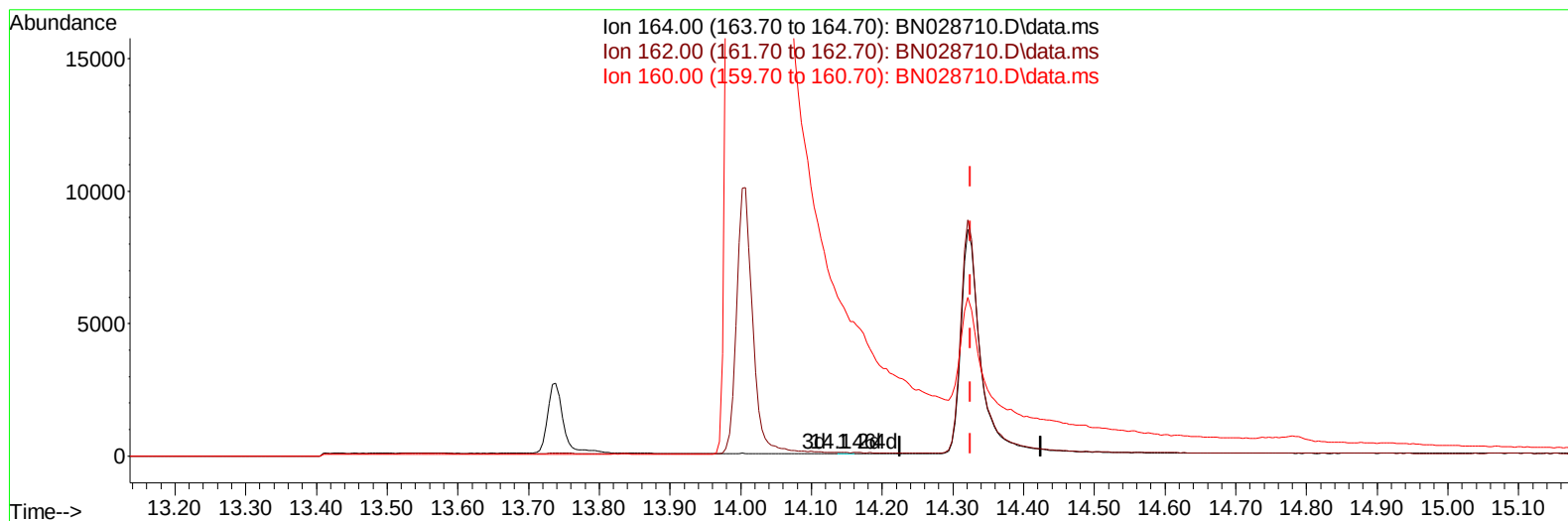
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 Data File : BN028710.D
 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(9) Acenaphthene-d10 (I)

14.146min (-0.179) 0.40 ng/u1

response 6

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	132.98#
160.00	49.20	5954.26#
0.00	0.00	0.00

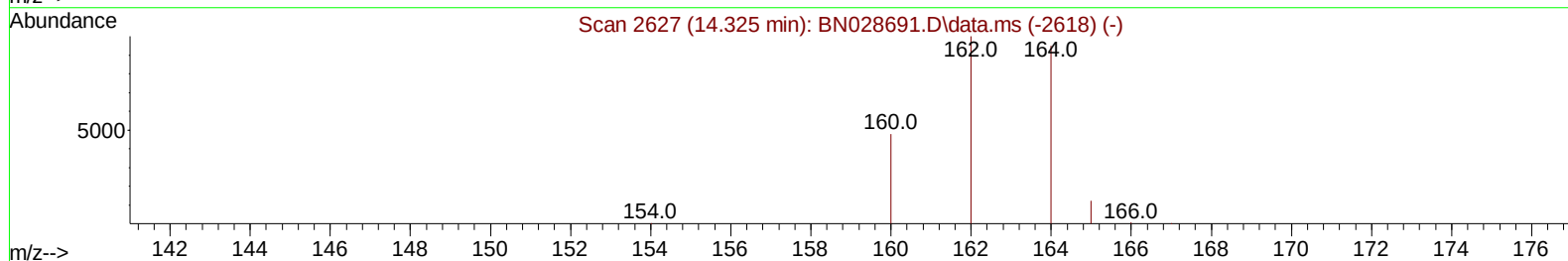
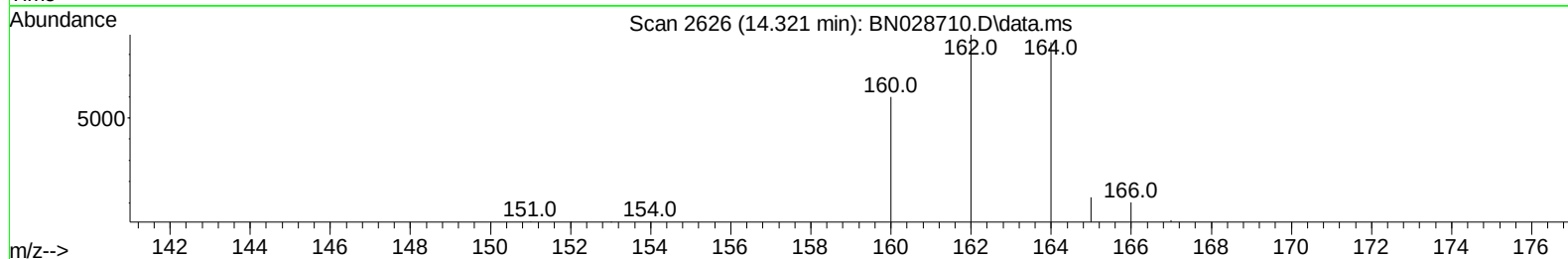
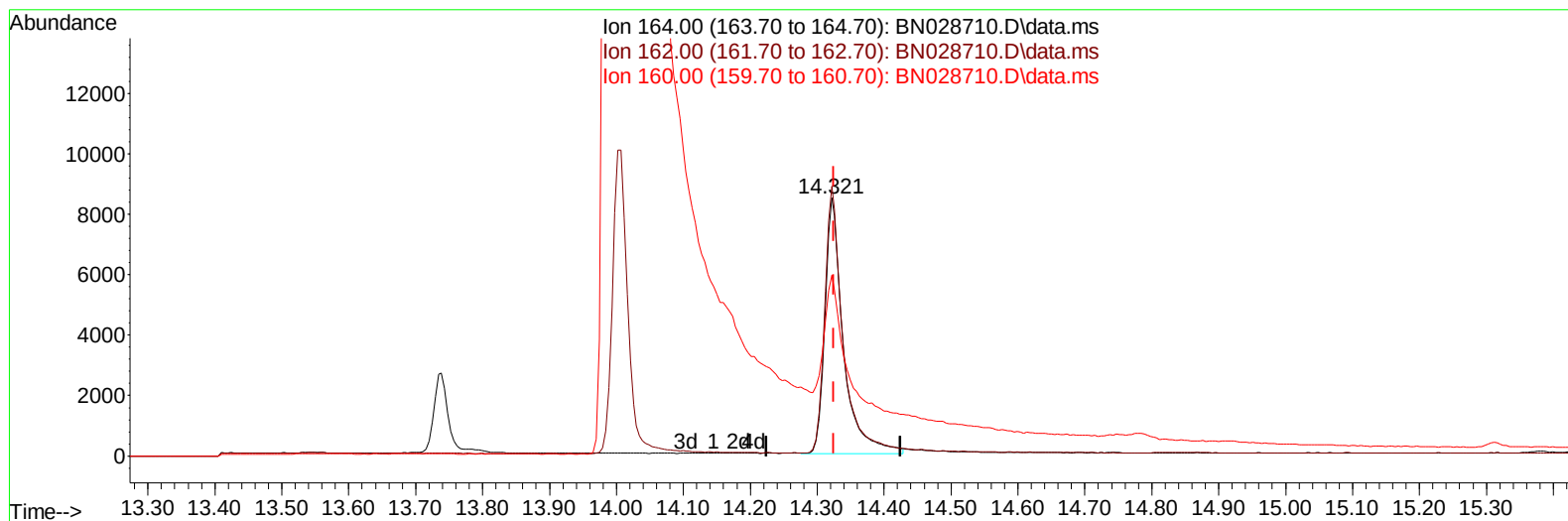
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 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.004) 0.40 ng/ul m

response 16379

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.36
160.00	49.20	69.97#
0.00	0.00	0.00

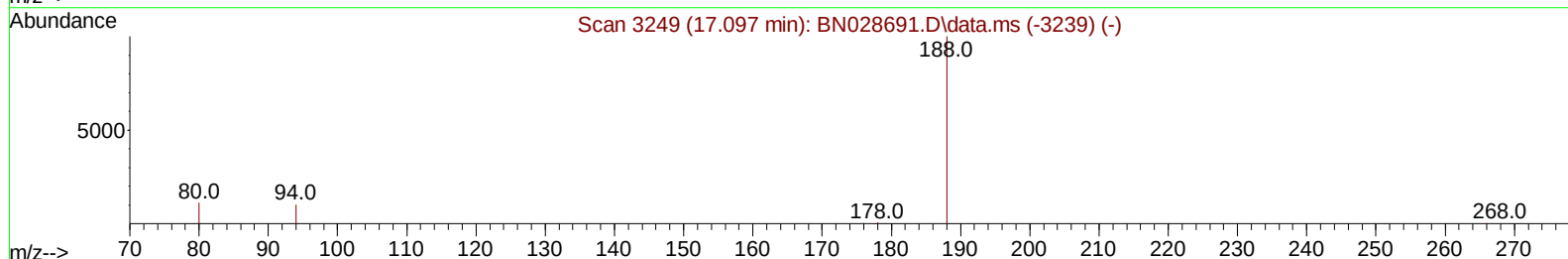
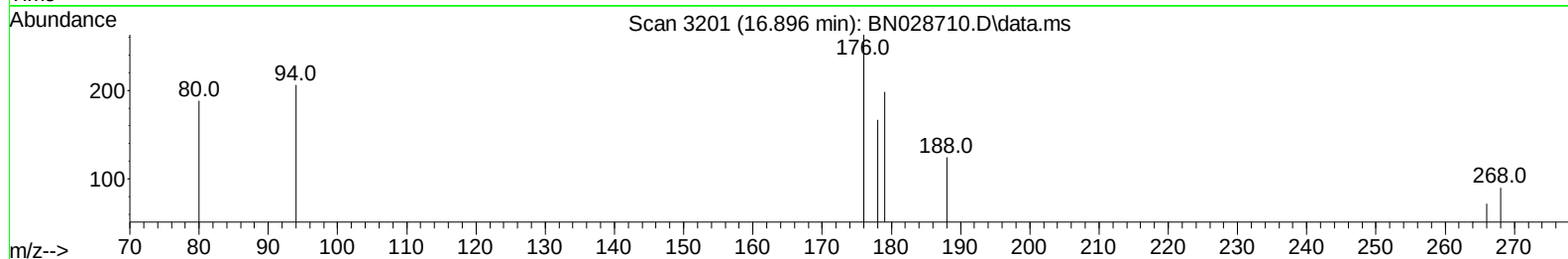
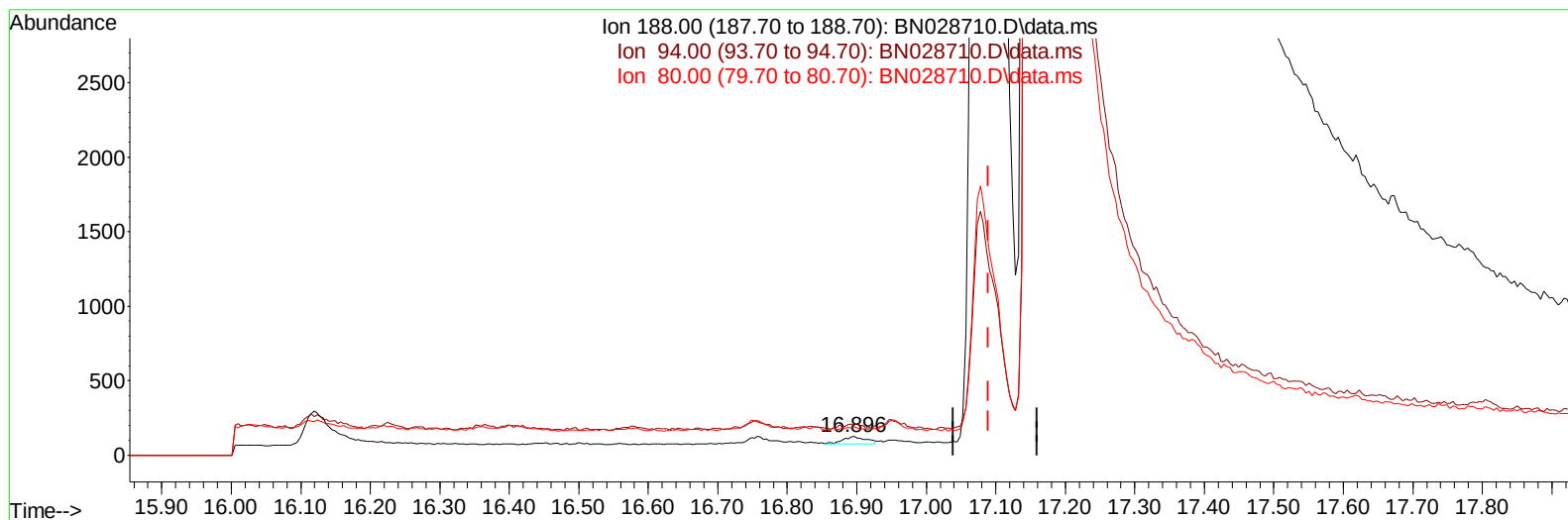
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Data File : BN028710.D
Acq On : 17 Nov 2023 20:41
Operator : MA/JU
Sample : 05158-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(13) Phenanthrene-d10 (I)

16.896min (-0.193) 0.40 ng/u1

response 115

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	166.13#
80.00	10.90	151.61#
0.00	0.00	0.00

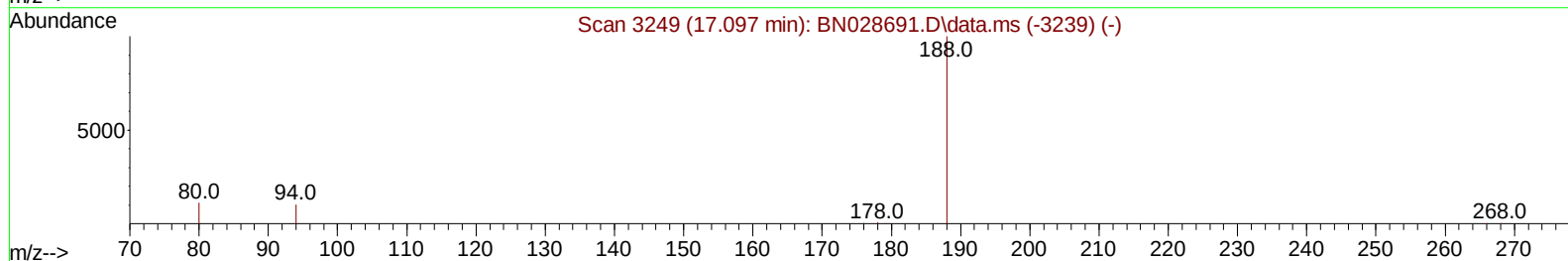
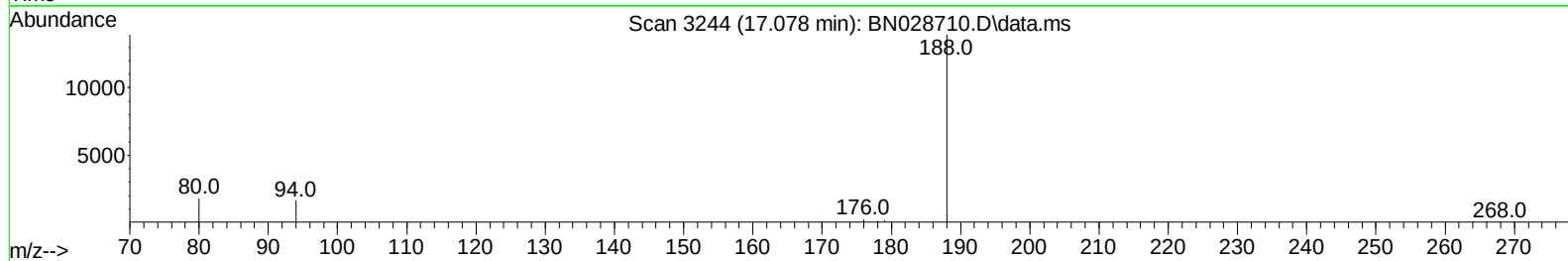
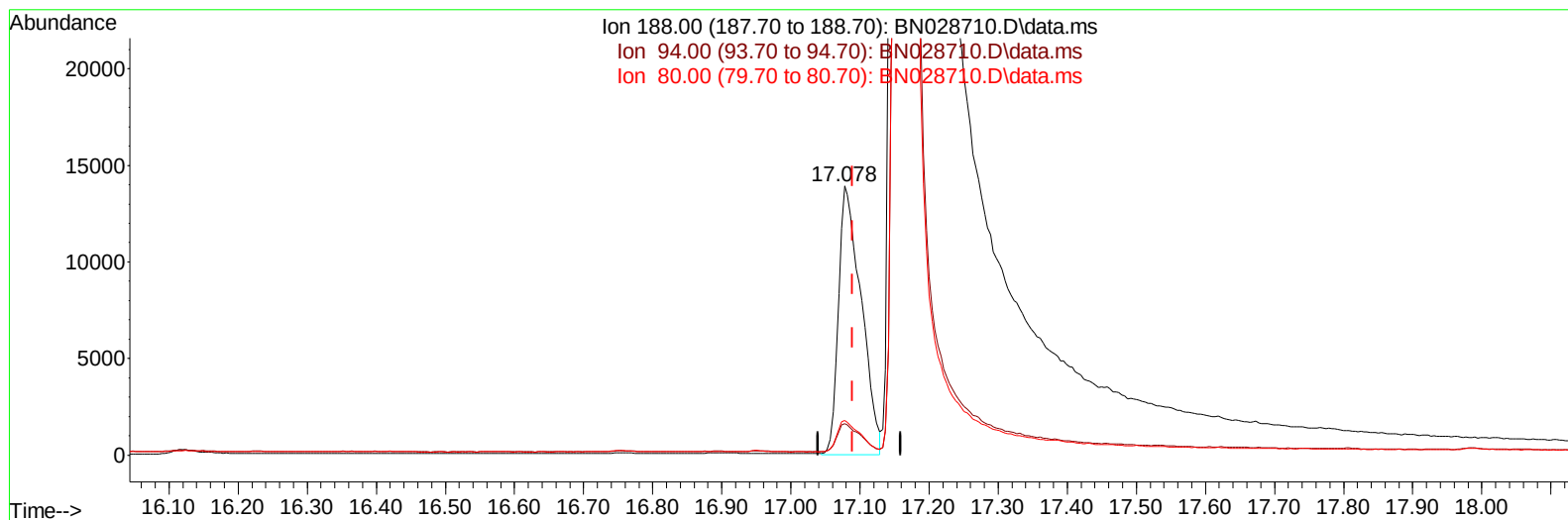
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 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

Manual IntegrationsAPPROVED

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TIC: BN028710.D\data.ms

(13) Phenanthrene-d10 (I)

17.078min (-0.012) 0.40 ng/ul m

response 31676

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.74
80.00	10.90	12.97
0.00	0.00	0.00

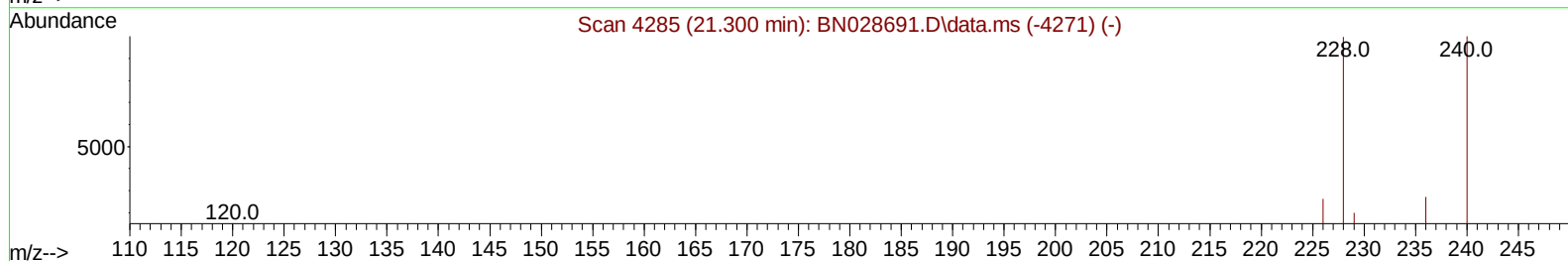
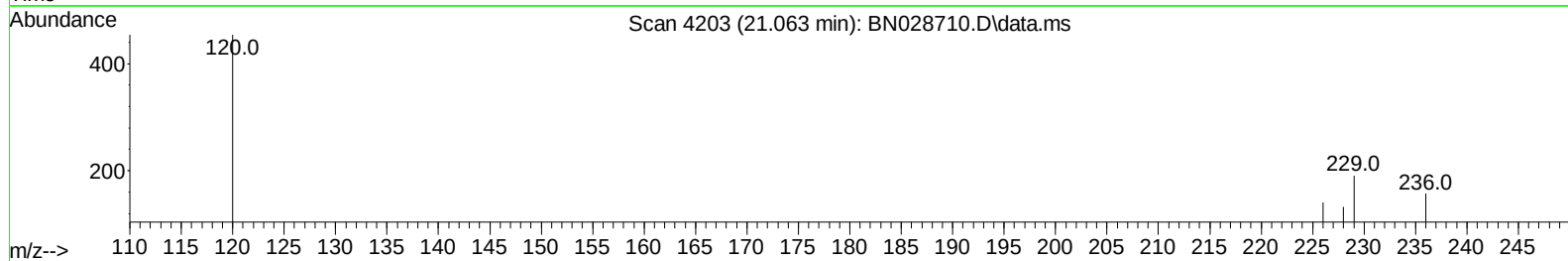
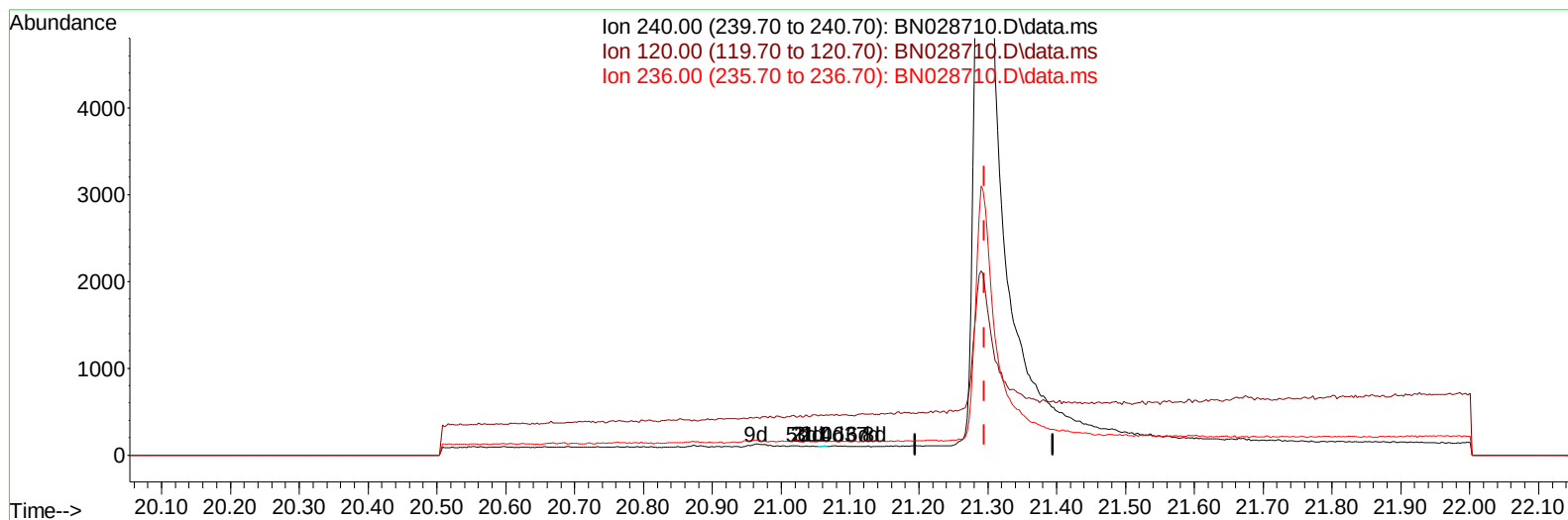
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TIC: BN028710.D\data.ms

(17) Chrysene-d12

21.063min (-0.233) 0.40 ng/u1

response 2

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	436.54#
236.00	28.00	150.96#
0.00	0.00	0.00

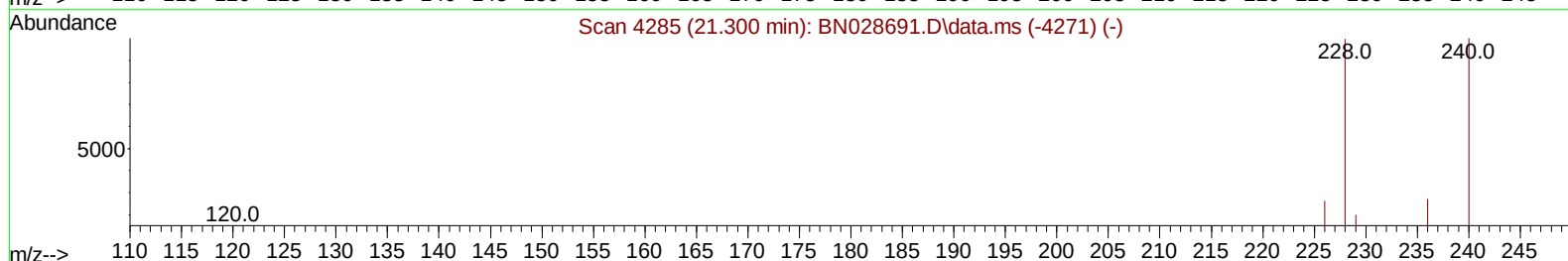
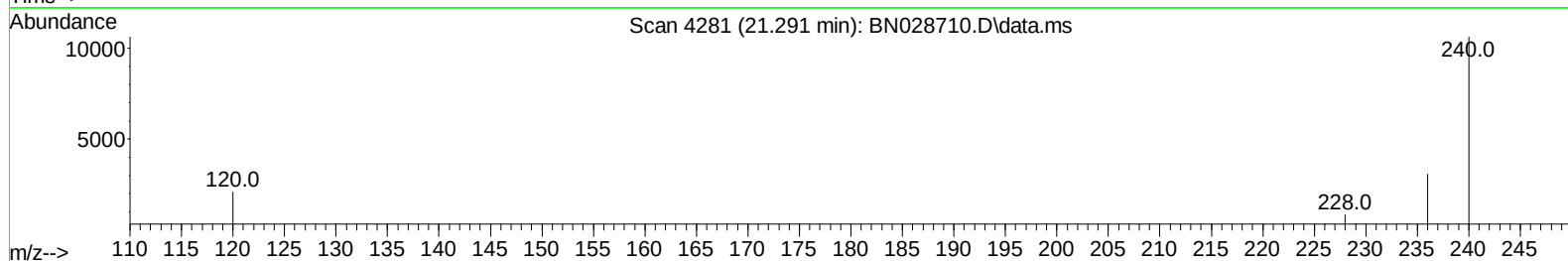
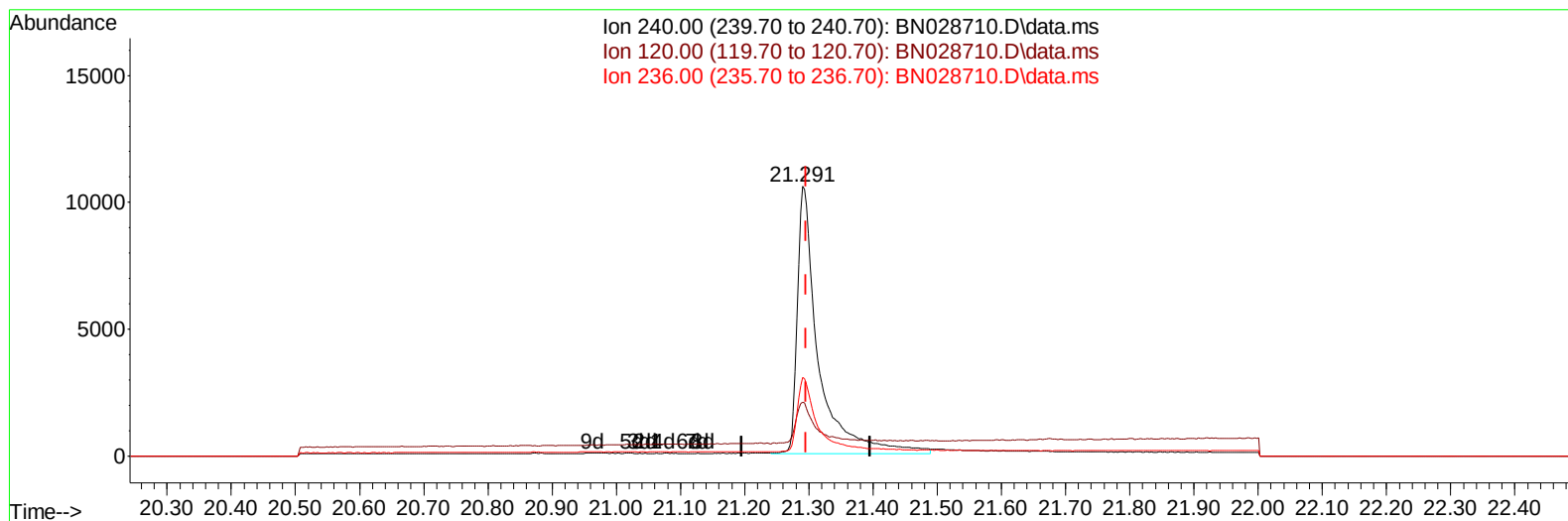
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 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028710.D\data.ms

(17) Chrysene-d12

21.291min (-0.005) 0.40 ng/ul m

response 24081

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	19.96#
236.00	28.00	29.15
0.00	0.00	0.00

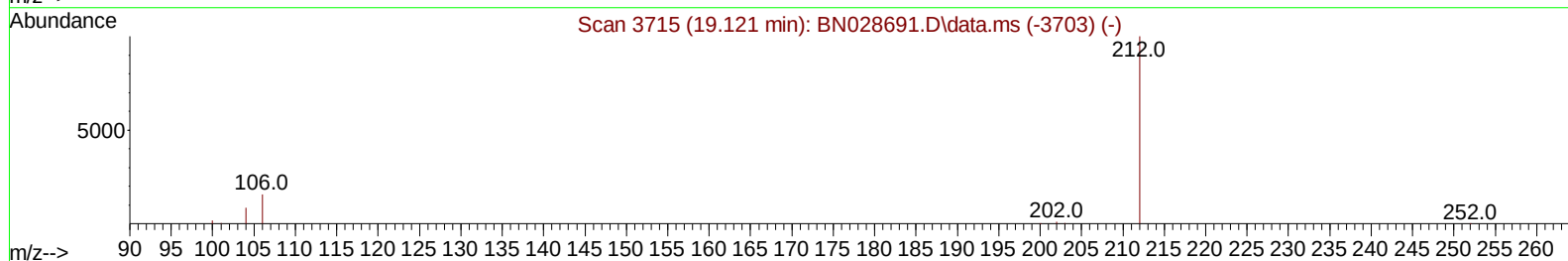
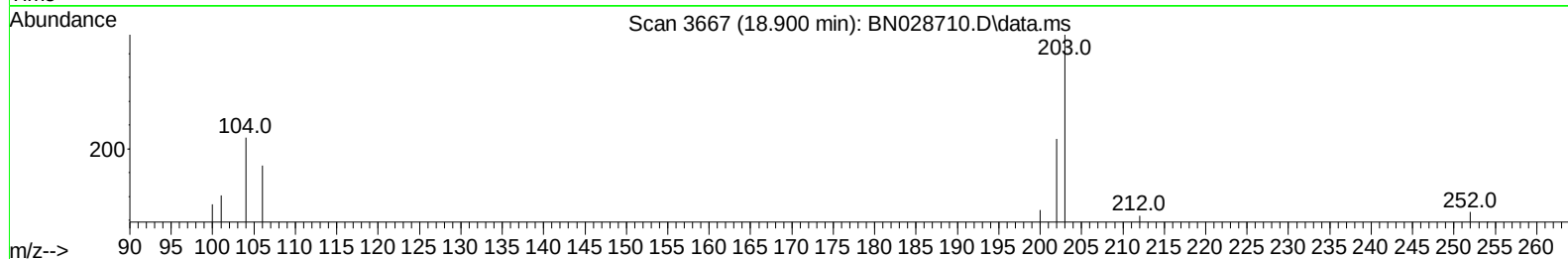
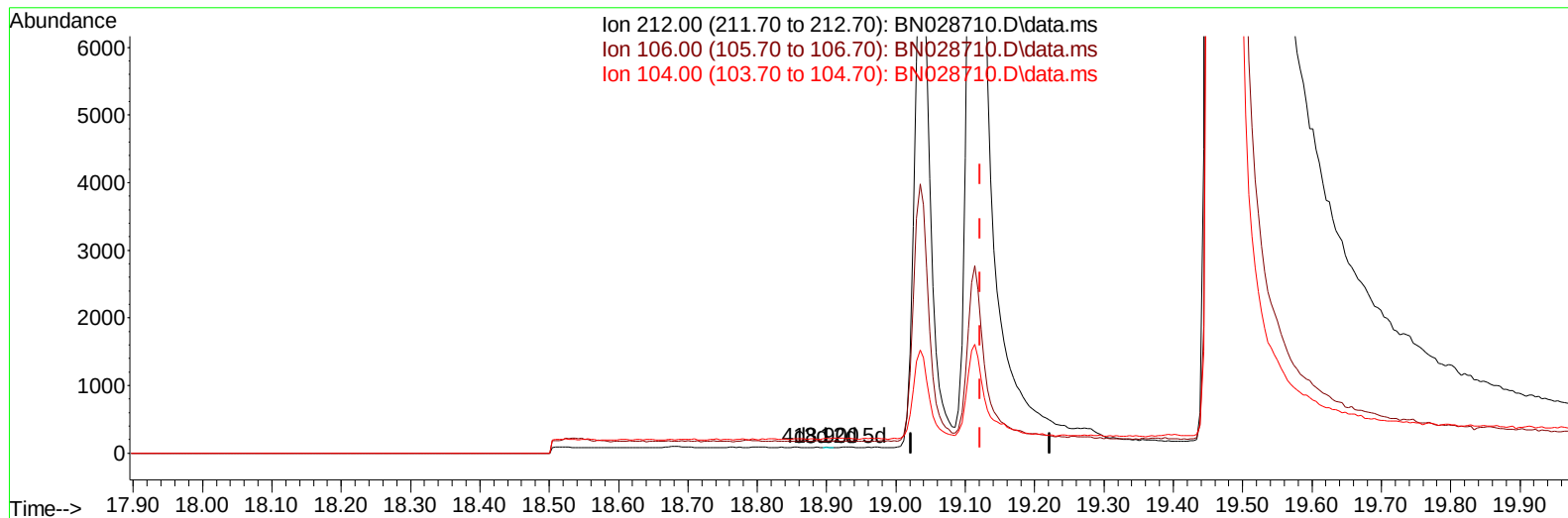
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
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TIC: BN028710.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.900min (-0.222) 0.00 ng/u1

response 5

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	240.00#
104.00	8.30	740.00#
0.00	0.00	0.00

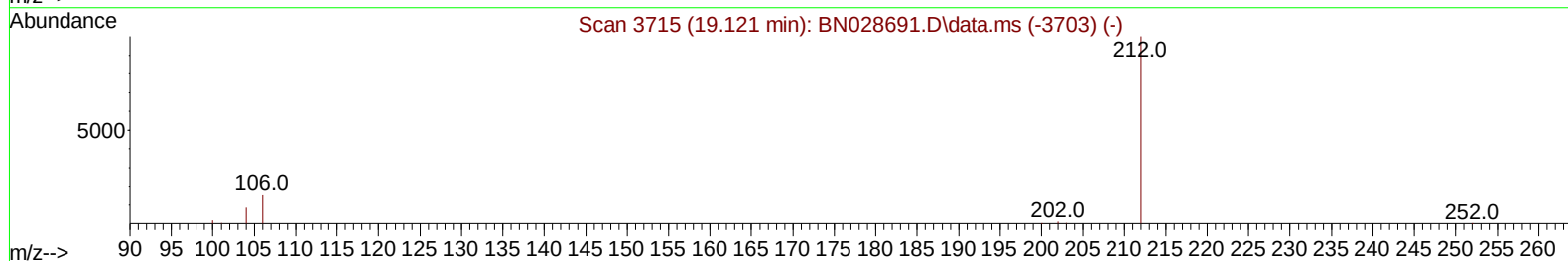
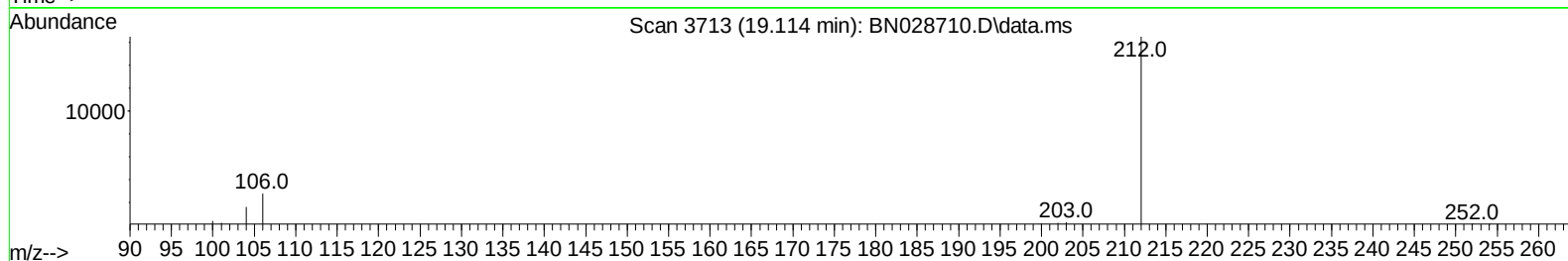
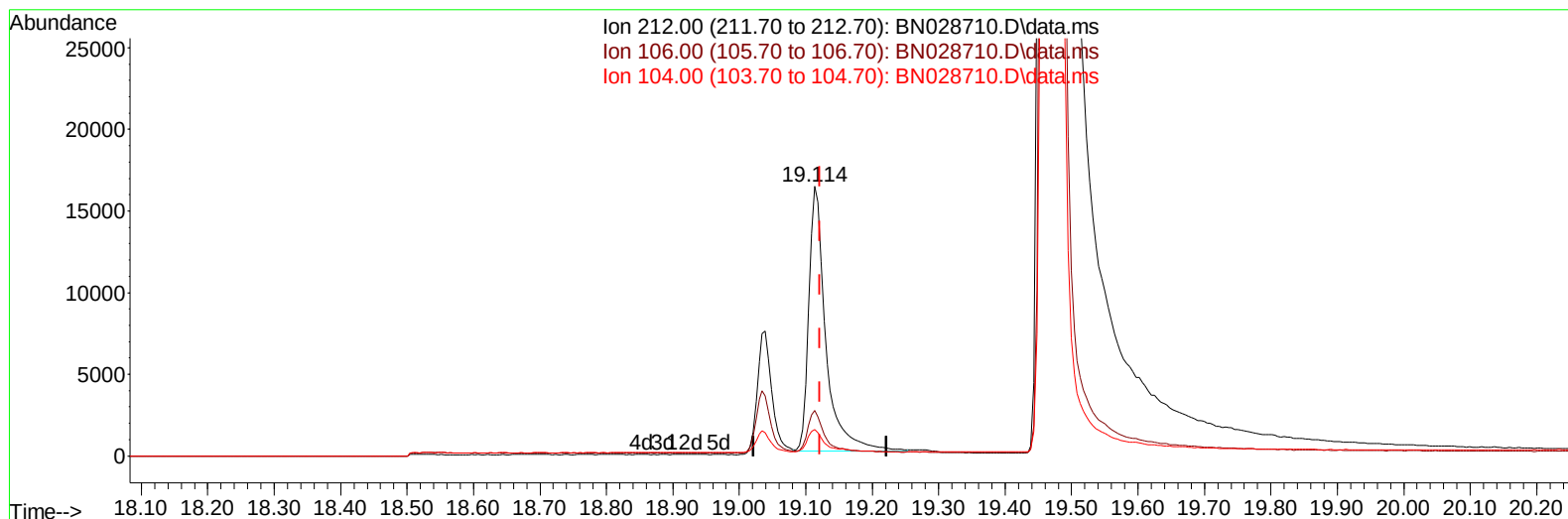
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028710.D
 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH371

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:26:13 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: BN028710.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.114min (-0.008) 0.37 ng/ul m

response 28994

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.04#
104.00	8.30	0.13#
0.00	0.00	0.00

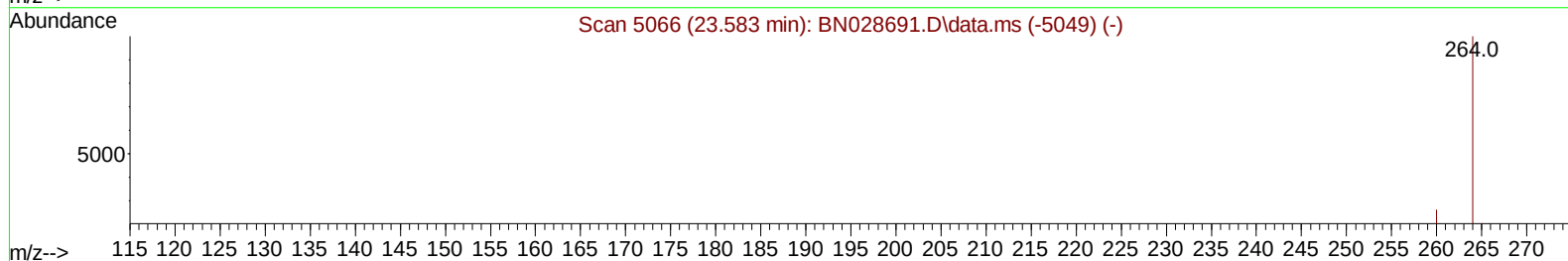
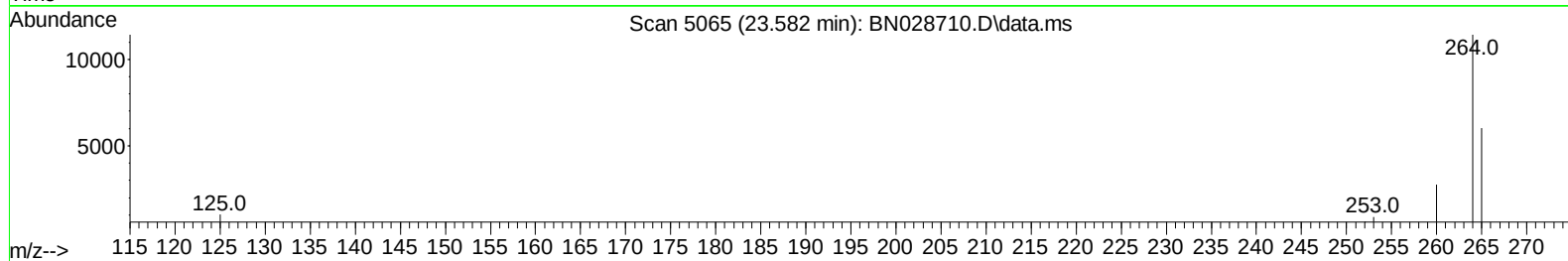
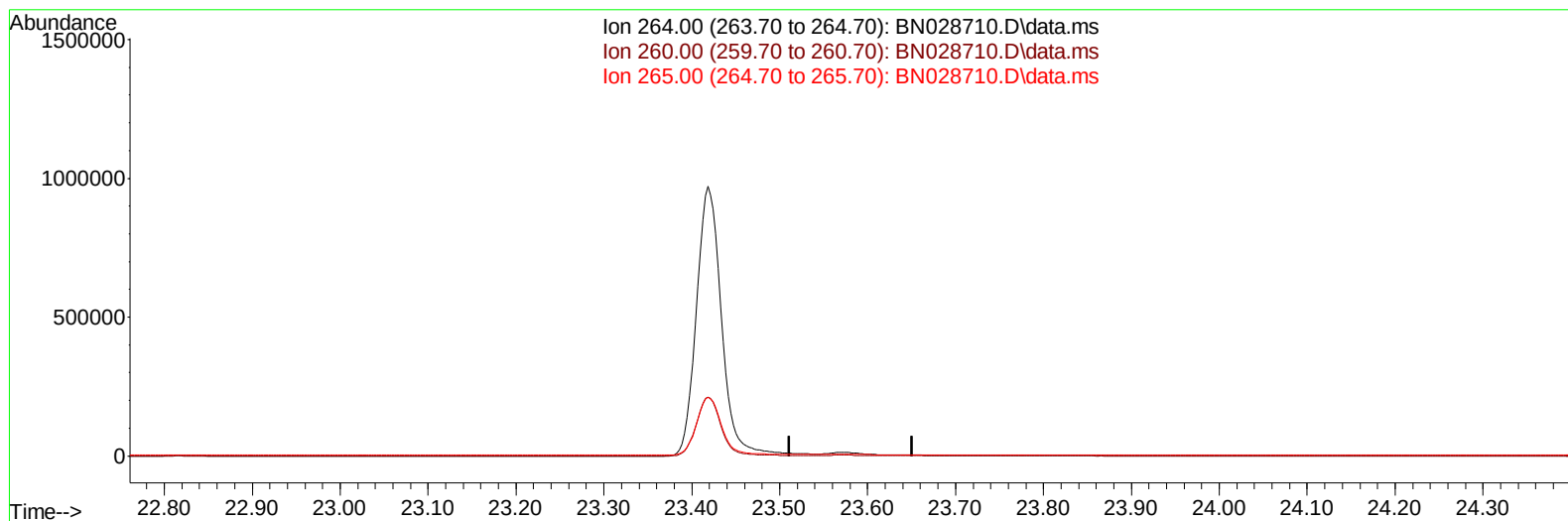
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028710.D
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TIC: BN028710.D\data.ms

(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

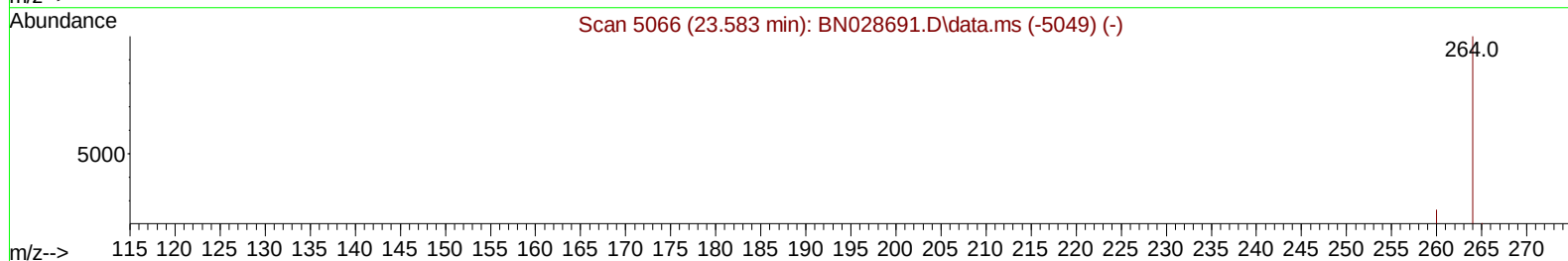
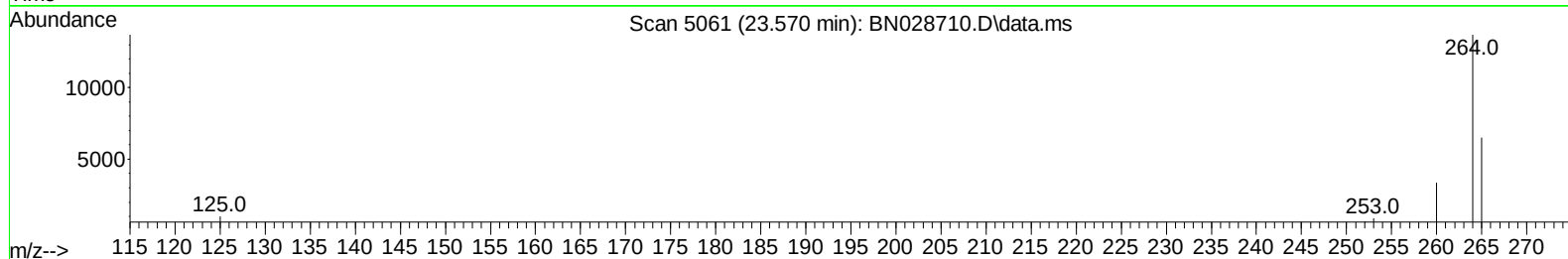
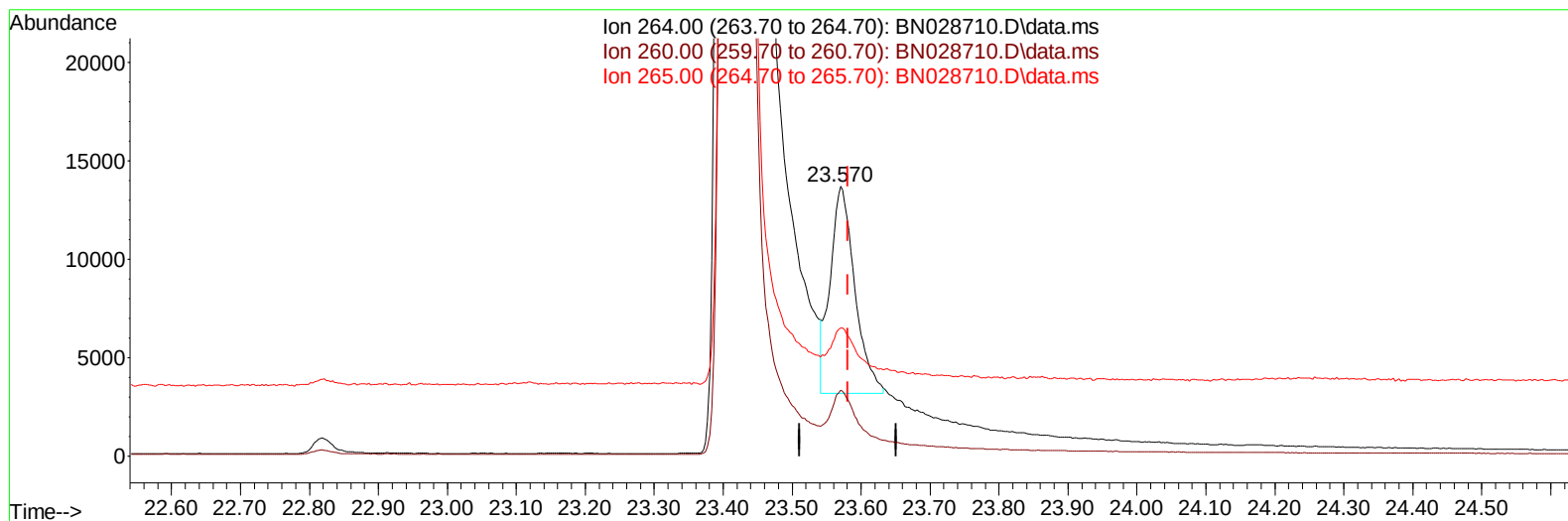
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Acq On : 17 Nov 2023 20:41
 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028710.D\data.ms

(23) Perylene-d12 (I)

23.570min (-0.011) 0.40 ng/ul m

response 26115

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.45
265.00	38.80	47.54#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05158-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	7003m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.479	136	22952m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.321	164	16379m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	31676m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.291	240	24081m	0.400	ng/ul	0.00
23) Perylene-d12	23.570	264	26115m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	26646	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	7128m	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.114	212	28994m	0.374	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	754	0.088	ng/ul#	69

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

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