

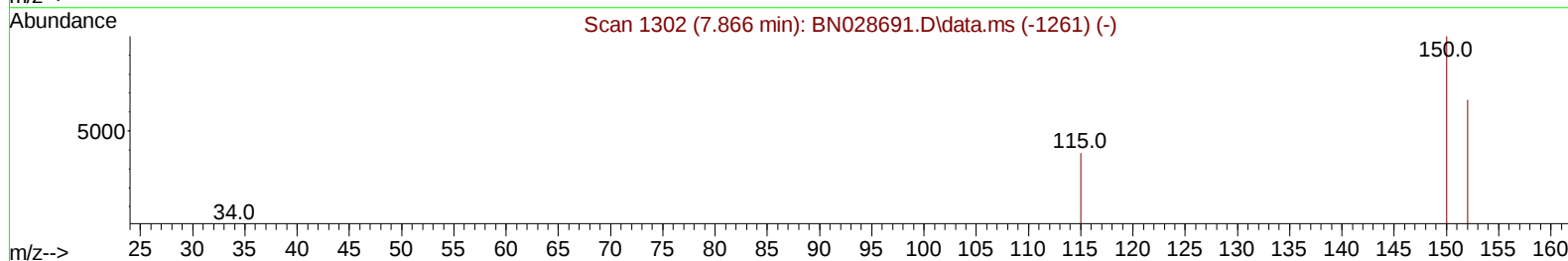
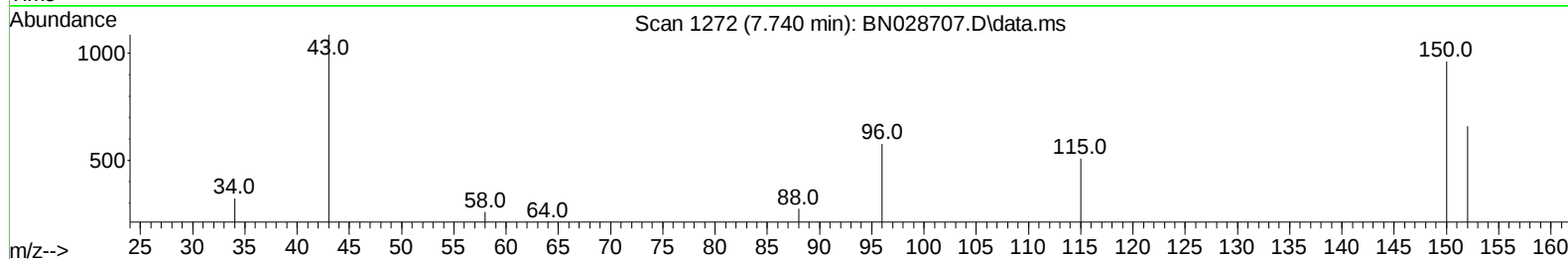
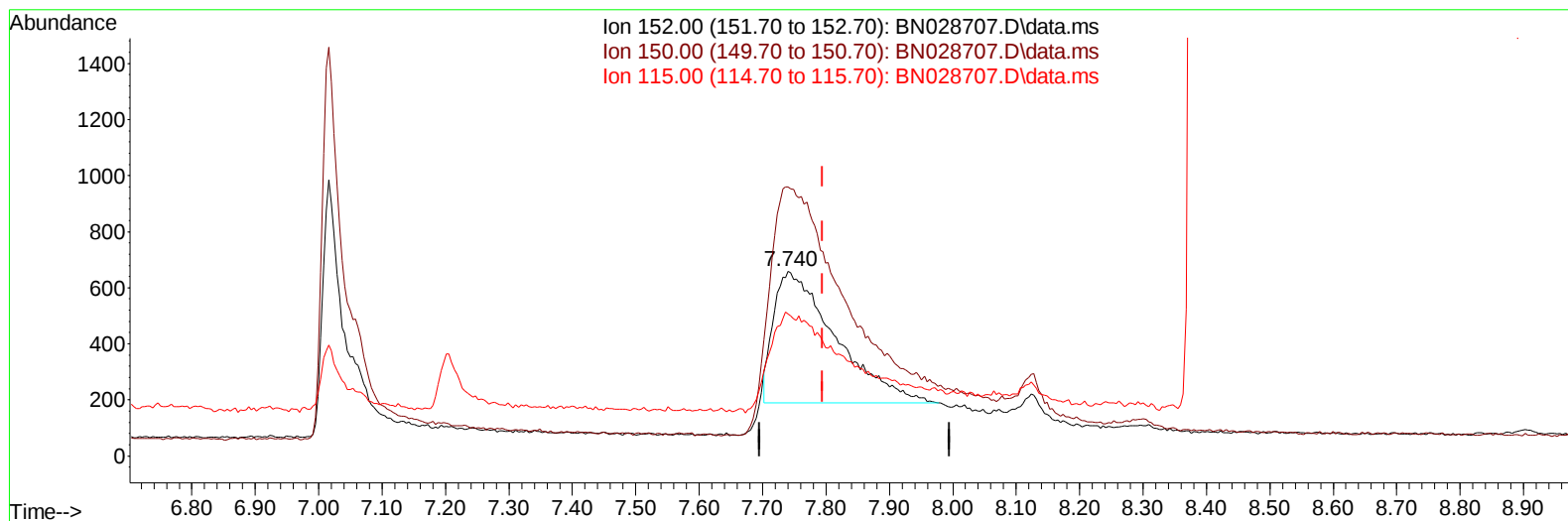
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Data File : BN028707.D
Acq On : 17 Nov 2023 18:53
Operator : MA/JU
Sample : 05158-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH362

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 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: BN028707.D\data.ms

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

7.740min (-0.055) 0.40 ng/u1

response 3160

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.83
115.00	62.20	76.93#
0.00	0.00	0.00

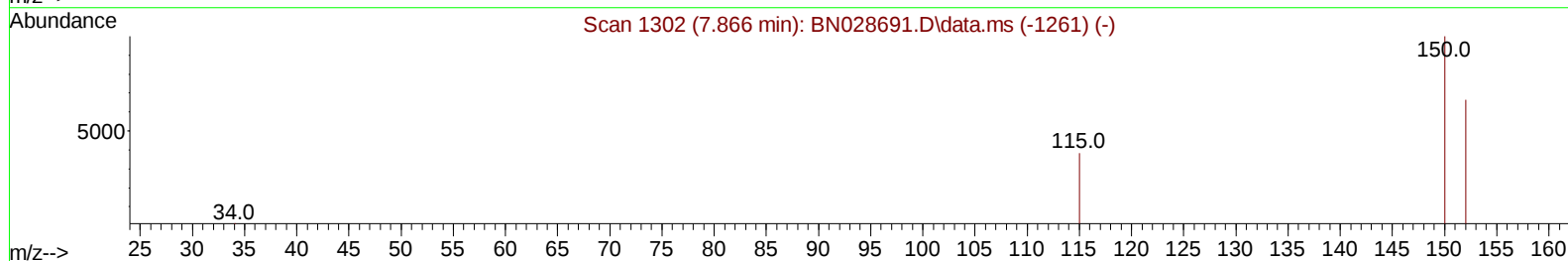
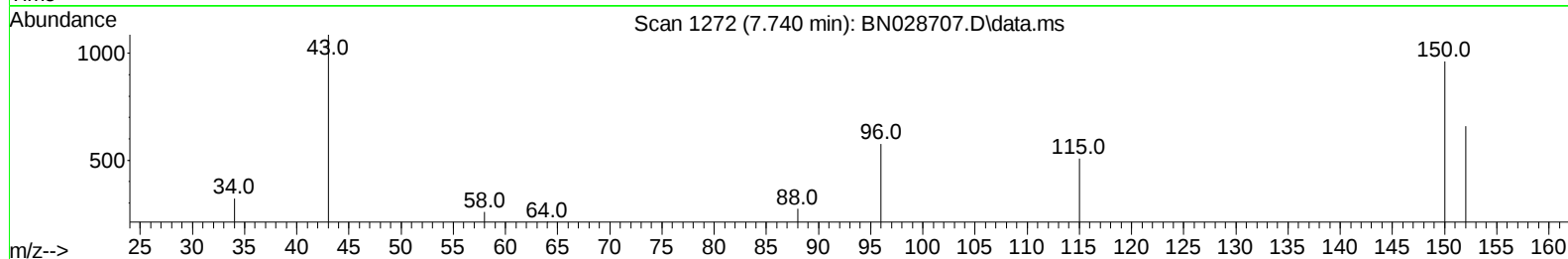
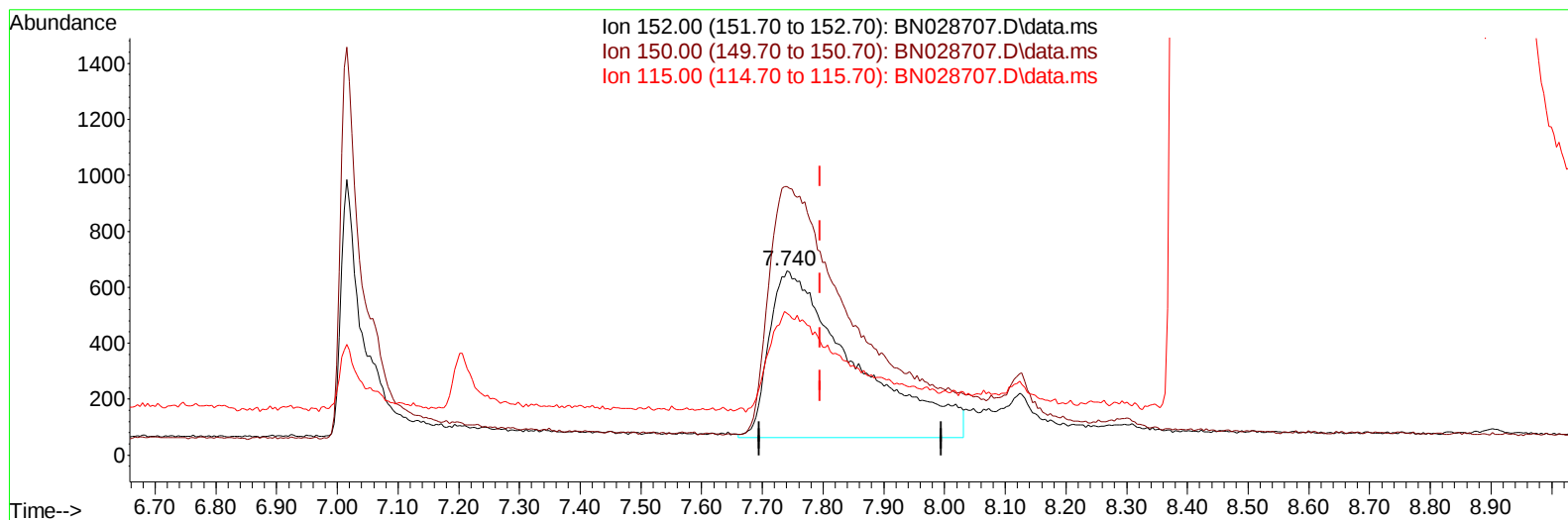
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Data File : BN028707.D
Acq On : 17 Nov 2023 18:53
Operator : MA/JU
Sample : 05158-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 2023
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QLast Update : Fri Nov 17 09:39:27 2023
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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028707.D\data.ms

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

7.740min (-0.055) 0.40 ng/ul m

response 5805

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	145.83
115.00	62.20	76.93#
0.00	0.00	0.00

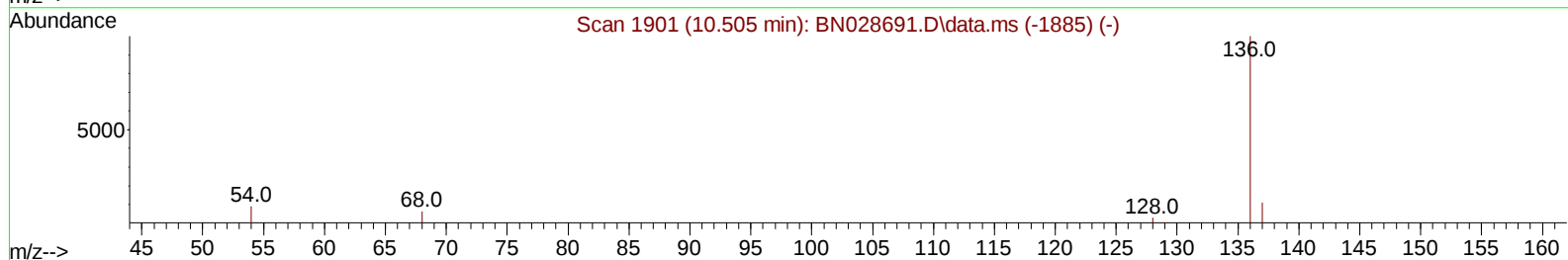
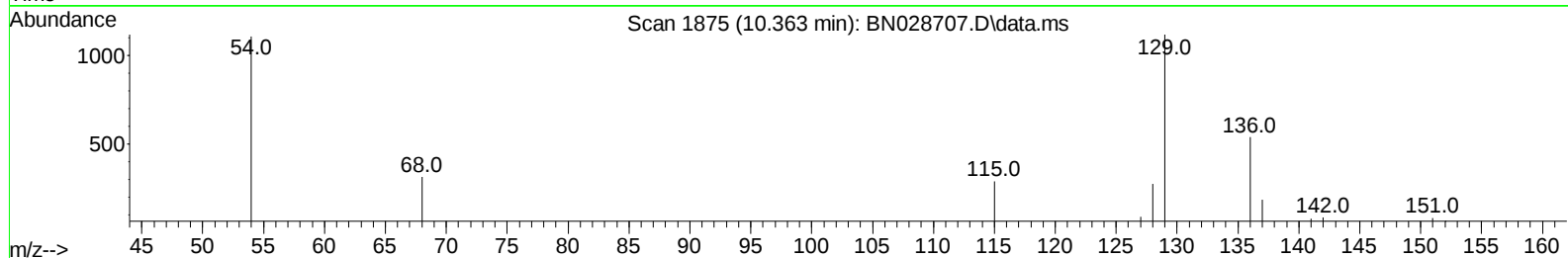
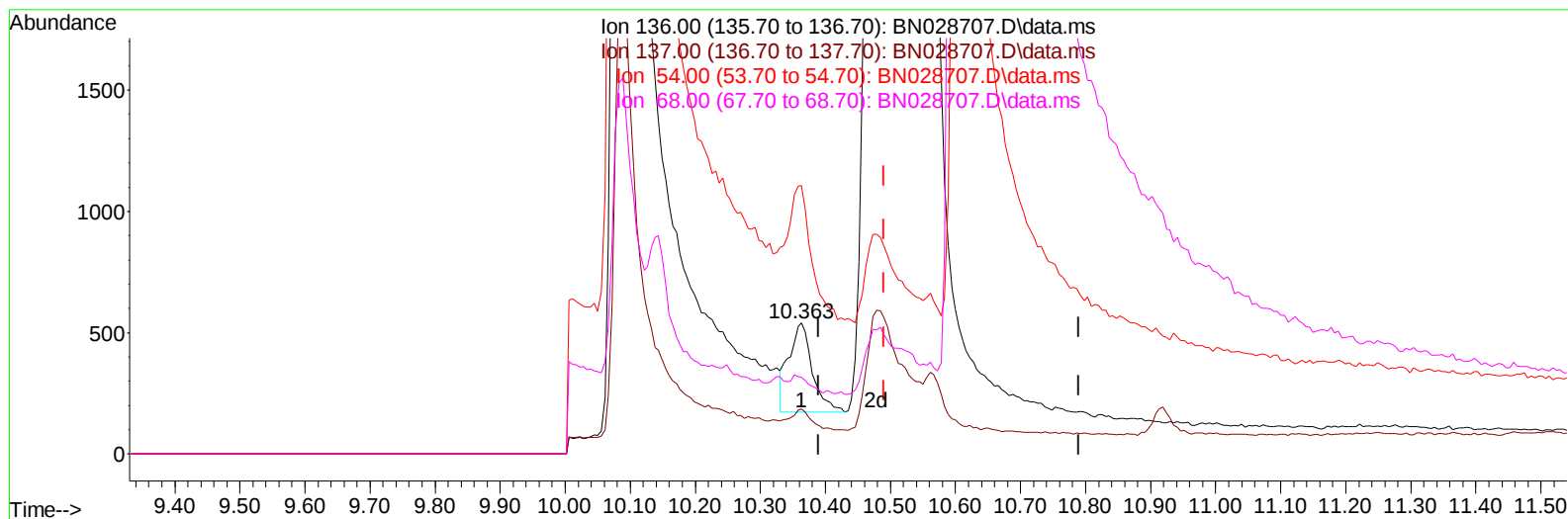
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Time: Nov 17 23:15:49 2023
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TIC: BN028707.D\data.ms

(4) Naphthalene-d8 (I)

10.363min (-0.126) 0.40 ng/u1

response 914

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.44#
54.00	9.00	204.81#
68.00	7.10	58.70#

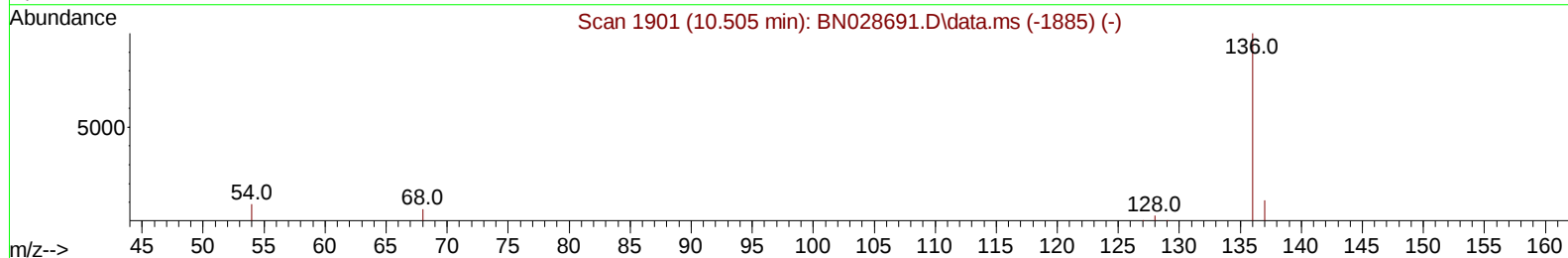
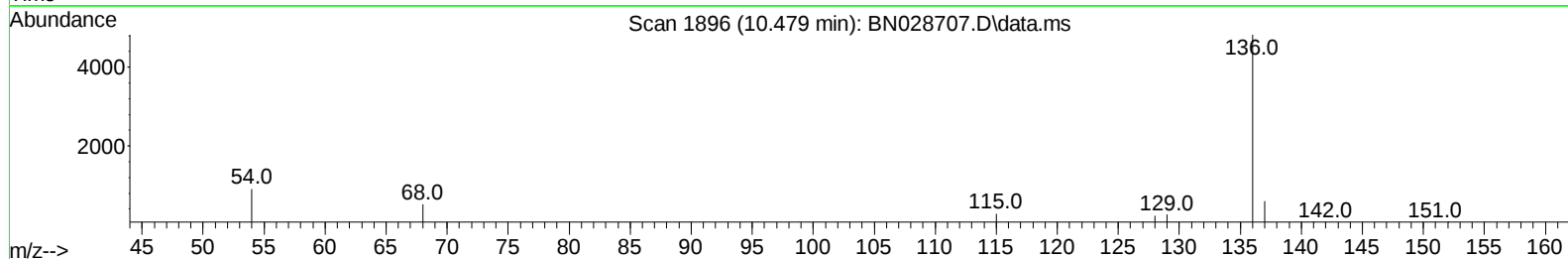
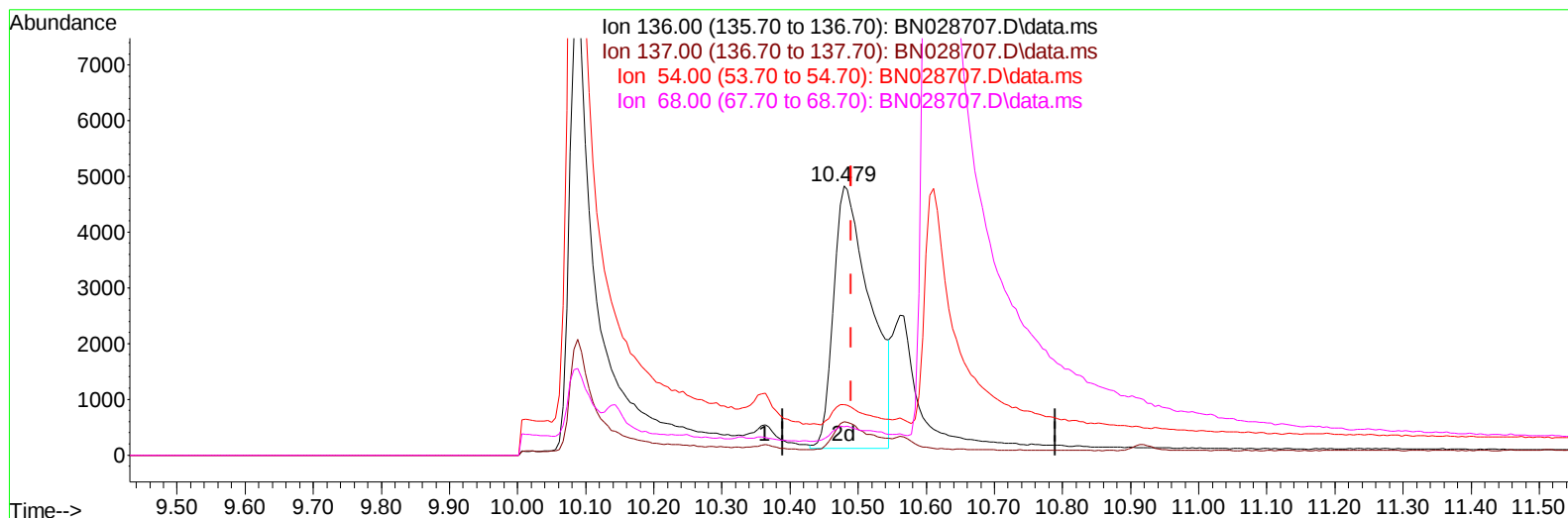
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028707.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 17592

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.29
54.00	9.00	18.80#
68.00	7.10	10.61#

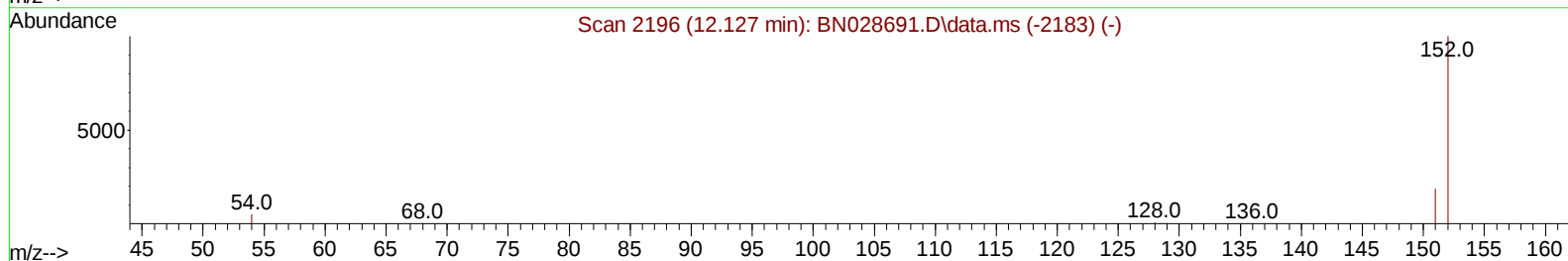
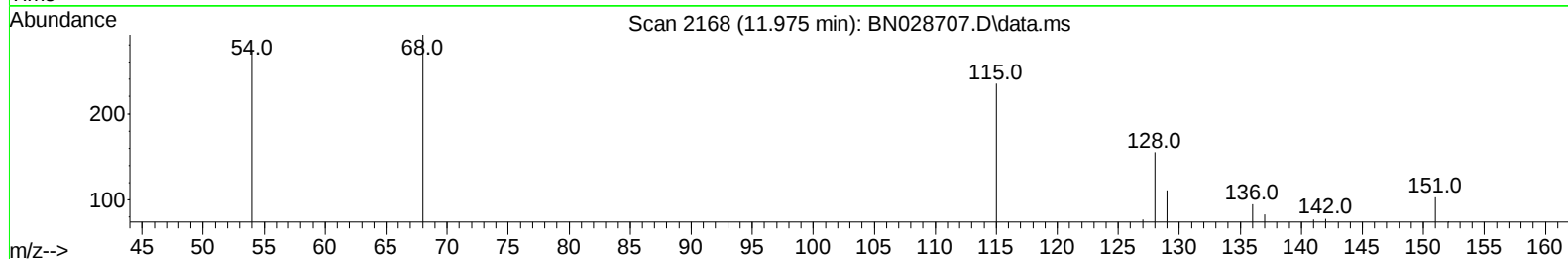
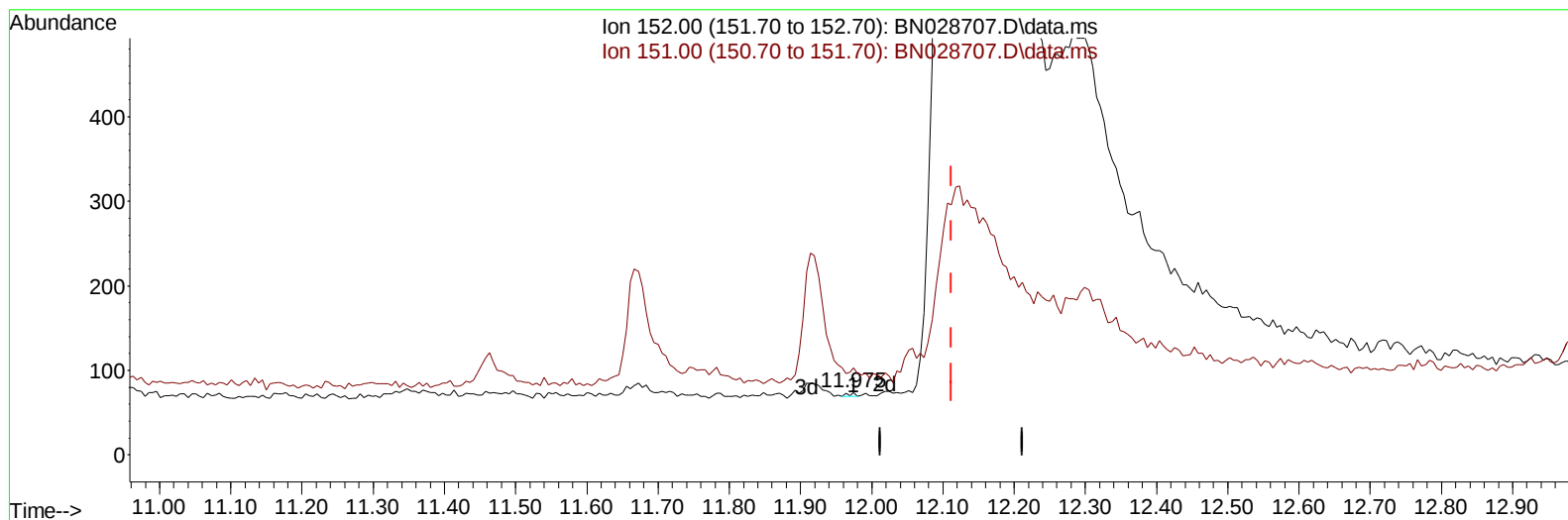
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

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TIC: BN028707.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.975min (-0.137) 0.00 ng/u1

response 3

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

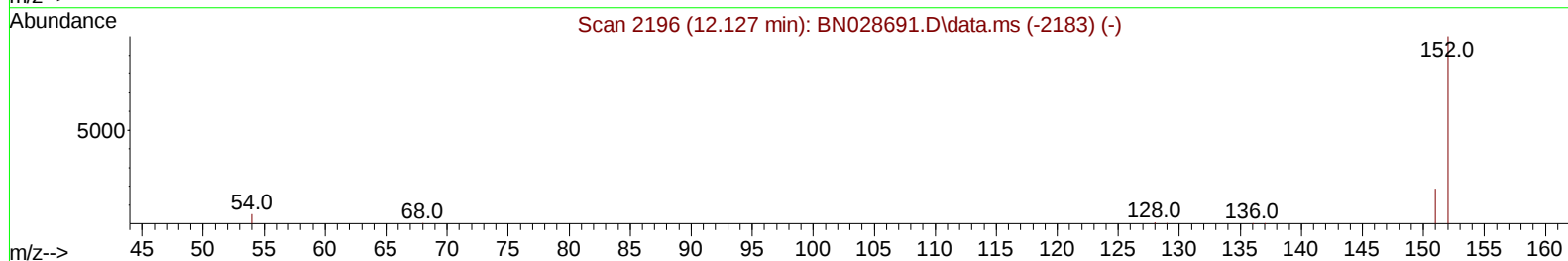
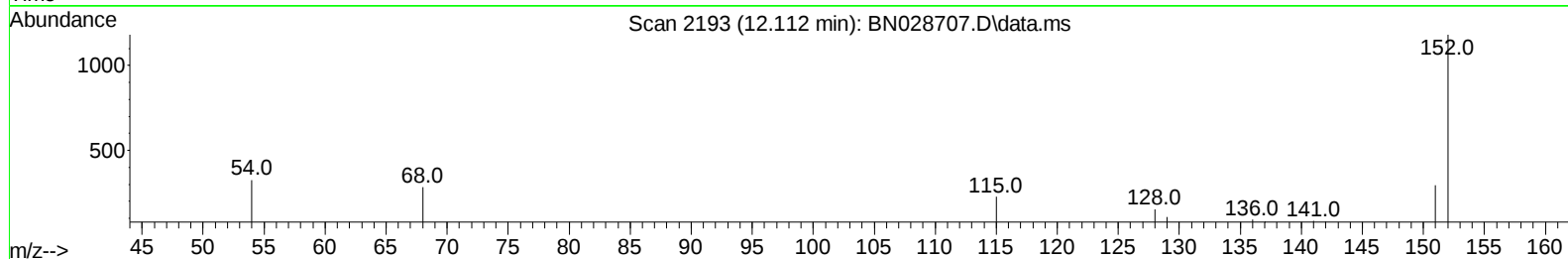
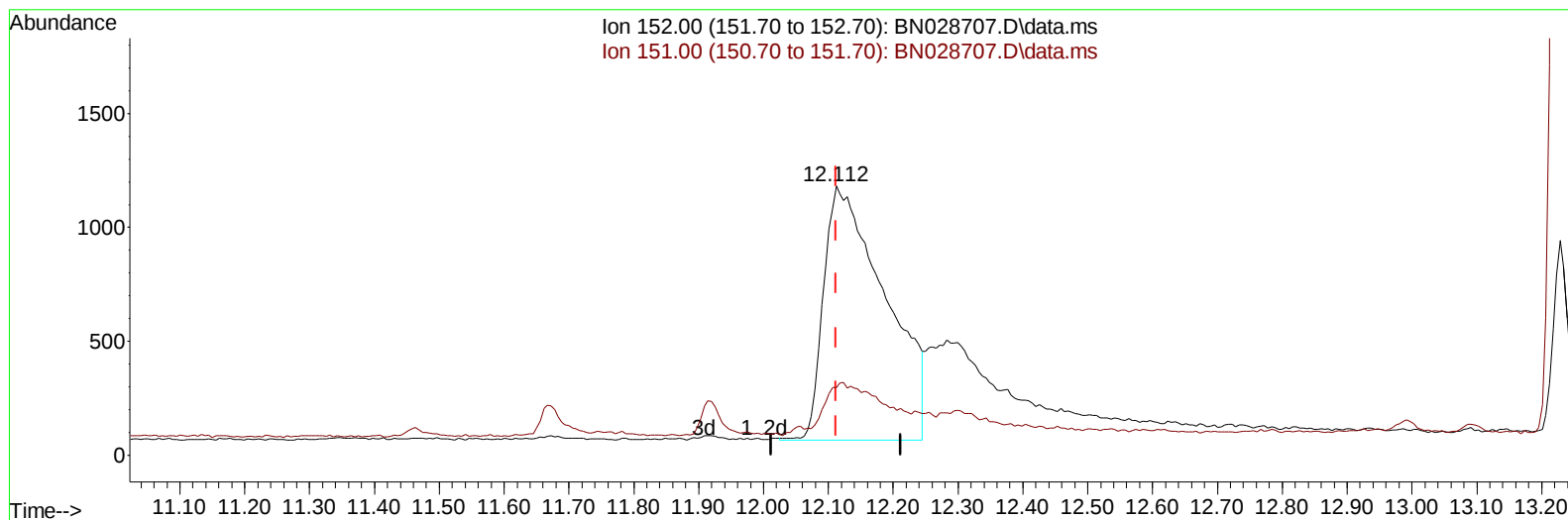
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 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 2023
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TIC: BN028707.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.112min (+ 0.000) 0.28 ng/ul m

response 7345

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

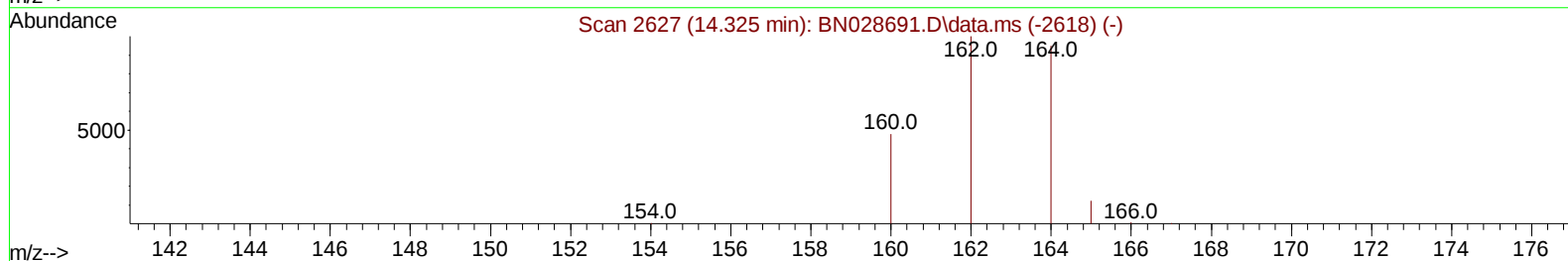
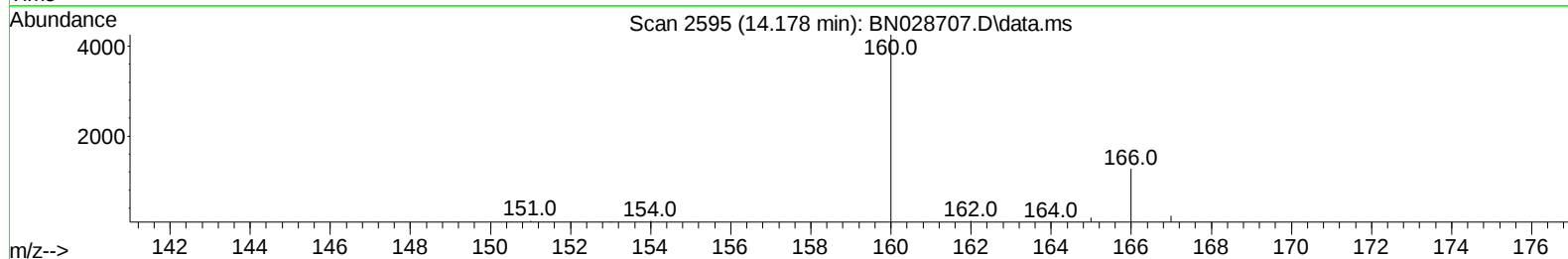
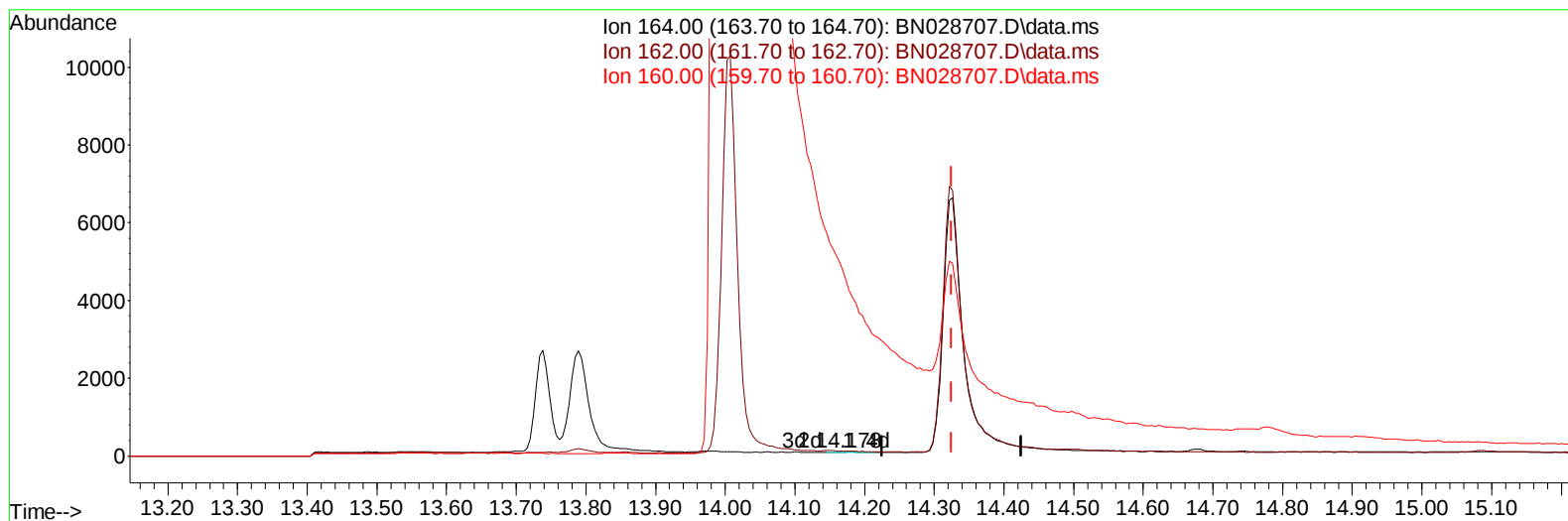
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 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
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 BH362

Manual IntegrationsAPPROVED

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TIC: BN028707.D\data.ms

(9) Acenaphthene-d10 (I)

14.178min (-0.147) 0.40 ng/u1

response 28

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	114.56
160.00	49.20	4130.10#
0.00	0.00	0.00

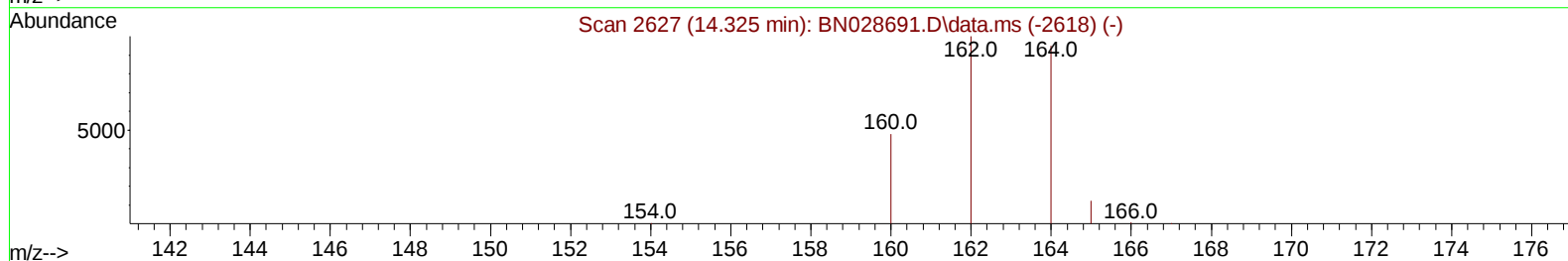
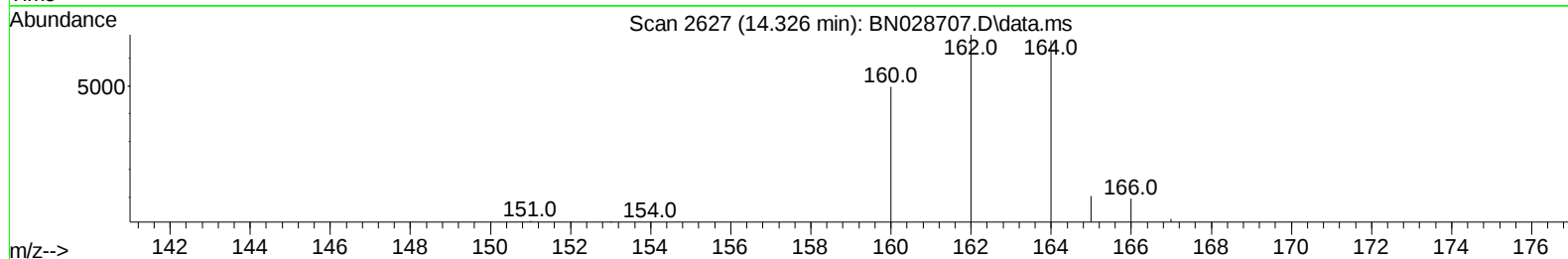
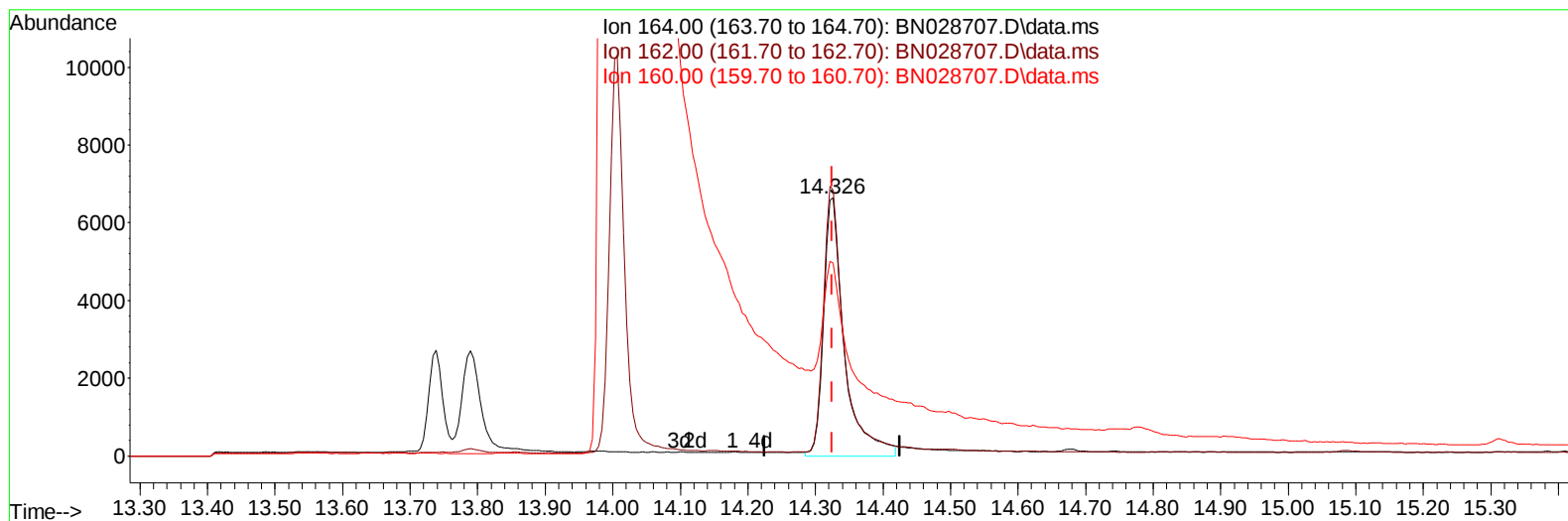
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Data File : BN028707.D
Acq On : 17 Nov 2023 18:53
Operator : MA/JU
Sample : 05158-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH362

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 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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TIC: BN028707.D\data.ms

(9) Acenaphthene-d10 (I)

14.326min (+ 0.001) 0.40 ng/ul m

response 14064

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.09
160.00	49.20	74.81#
0.00	0.00	0.00

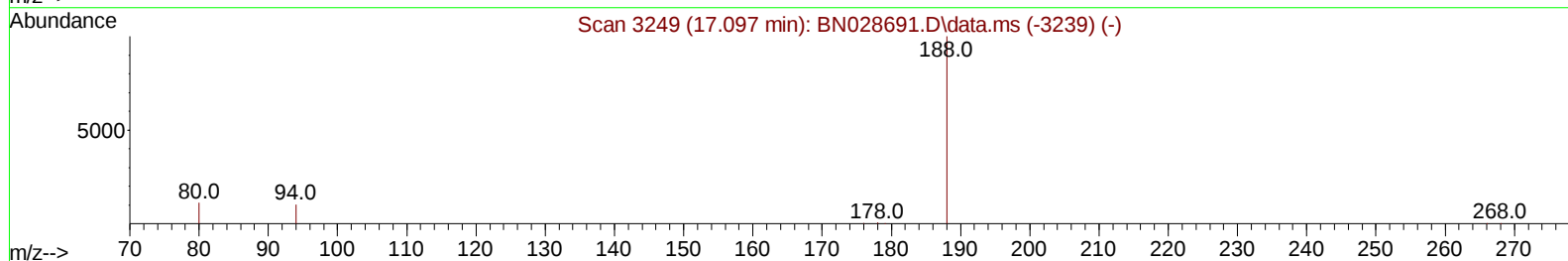
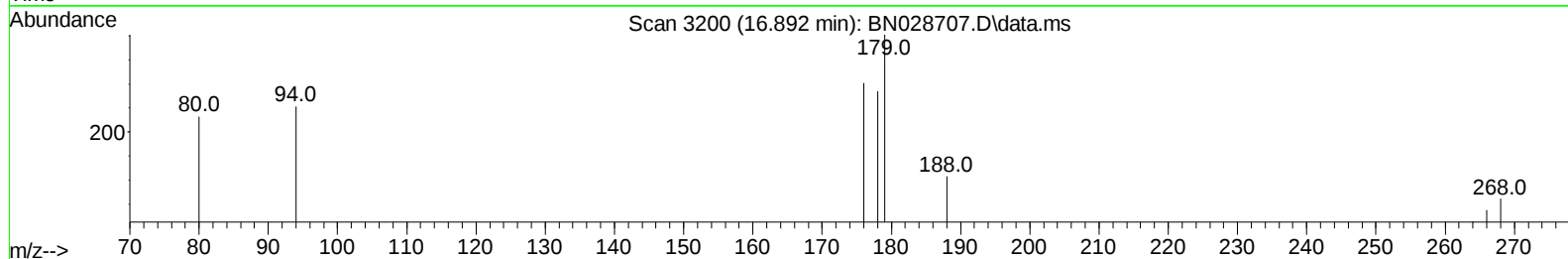
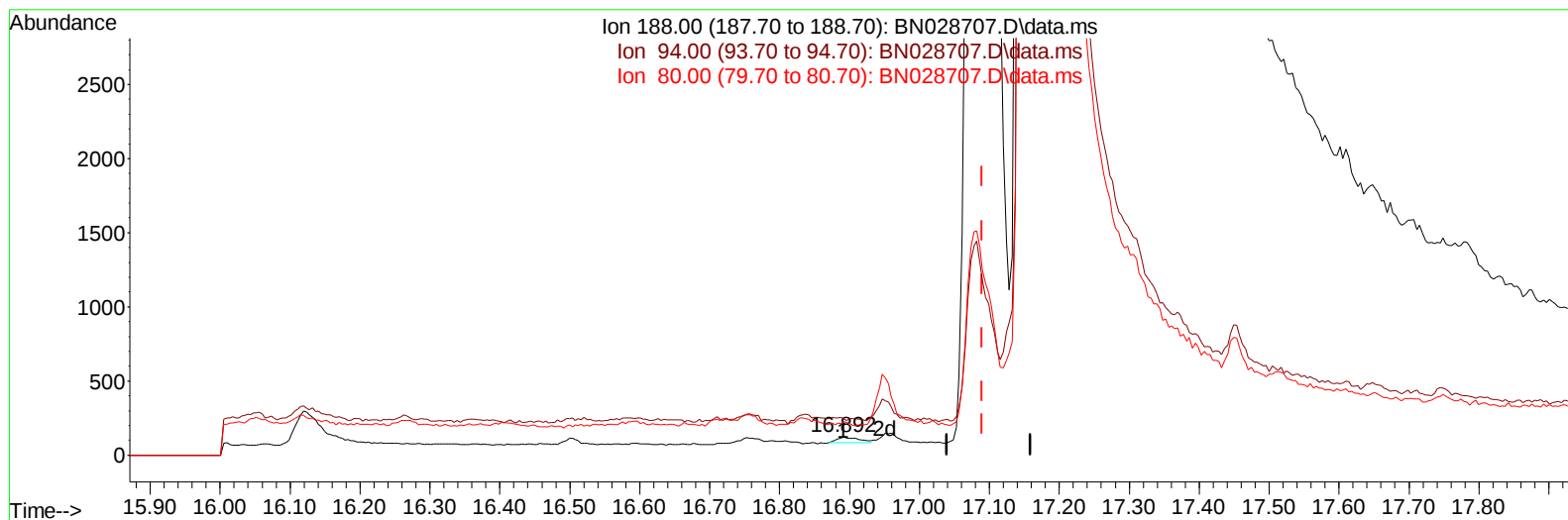
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 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 2023
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TIC: BN028707.D\data.ms

(13) Phenanthrene-d10 (I)

16.892min (-0.197) 0.40 ng/u1

response 82

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	192.86#
80.00	10.90	179.37#
0.00	0.00	0.00

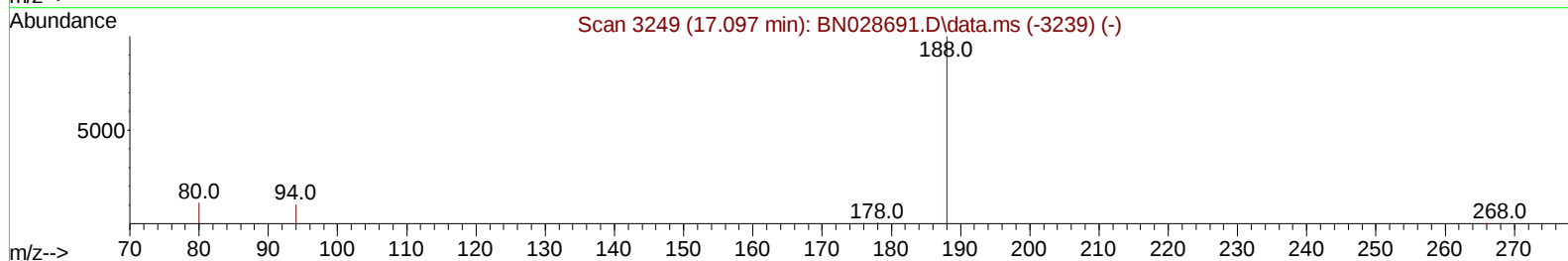
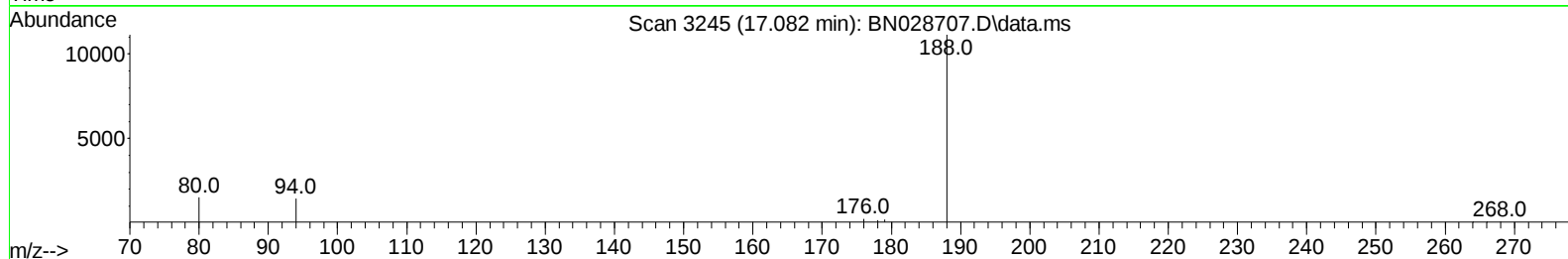
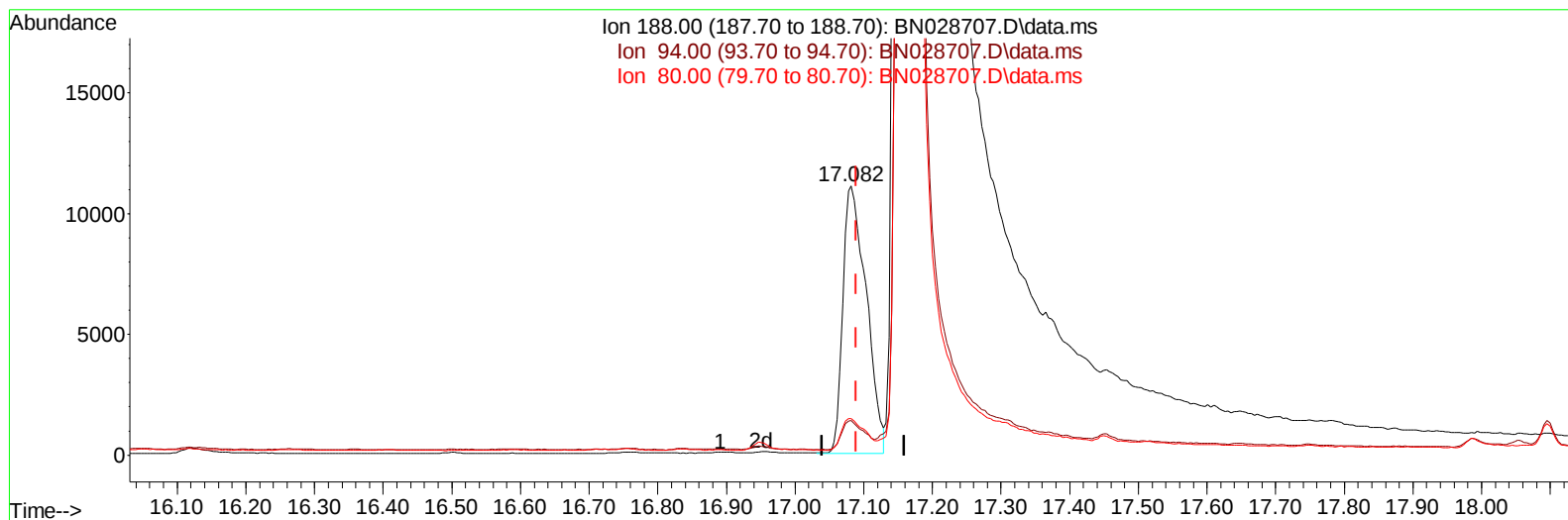
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 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028707.D\data.ms

(13) Phenanthrene-d10 (I)

17.082min (-0.008) 0.40 ng/u1 m

response 26293

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.98#
80.00	10.90	13.56#
0.00	0.00	0.00

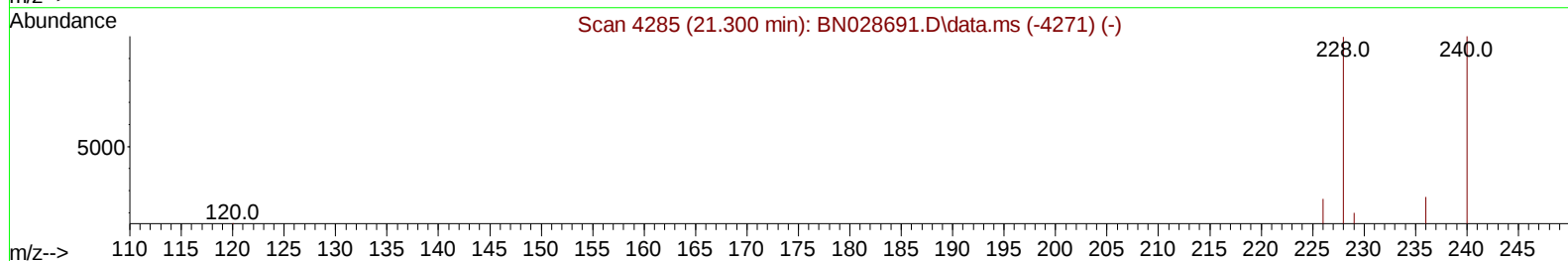
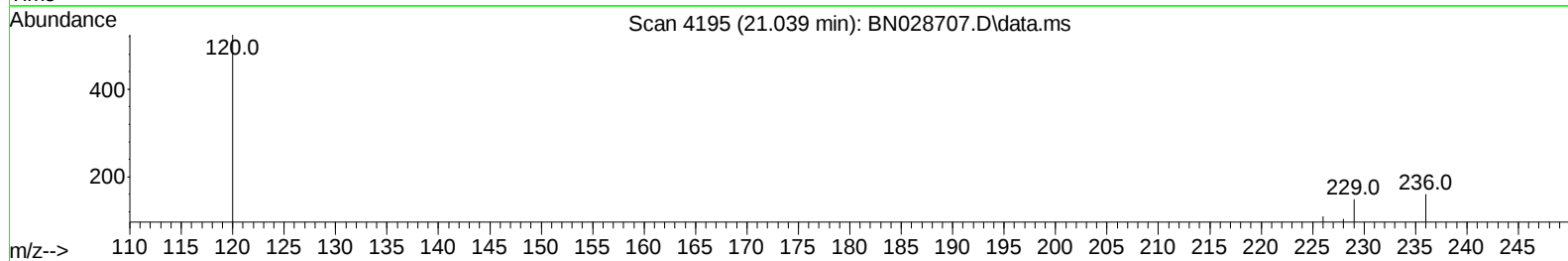
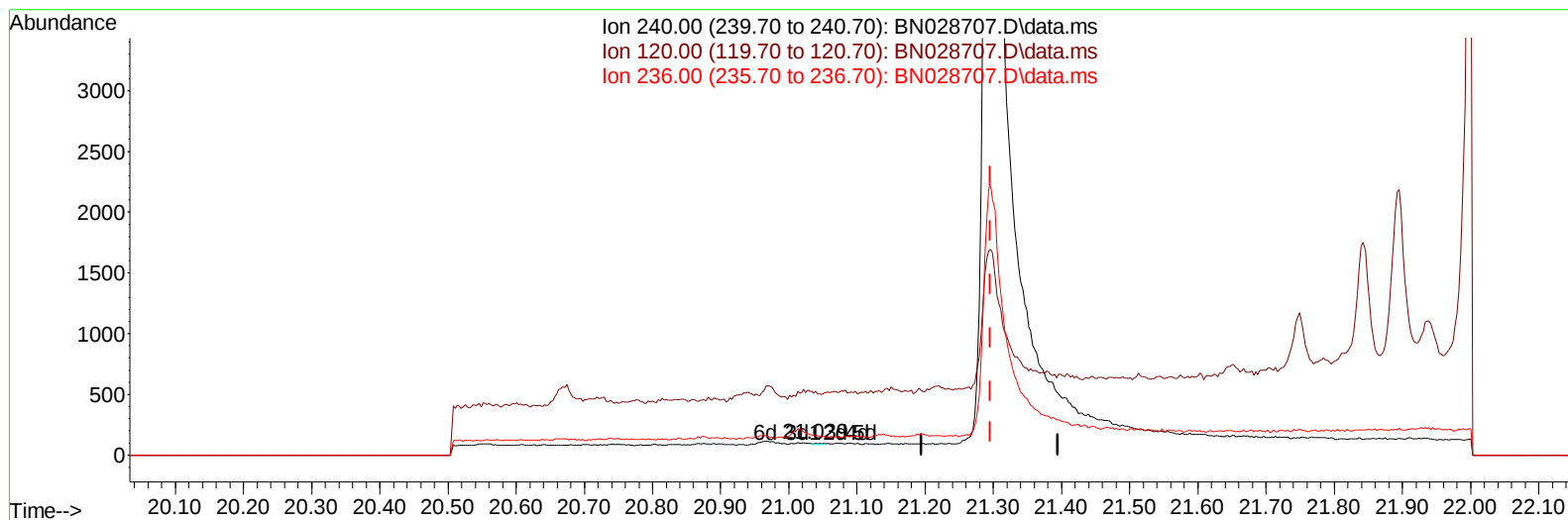
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
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 BH362

Manual IntegrationsAPPROVED

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TIC: BN028707.D\data.ms

(17) Chrysene-d12

21.039min (-0.256) 0.40 ng/u1

response 8

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	546.88#
236.00	28.00	166.67#
0.00	0.00	0.00

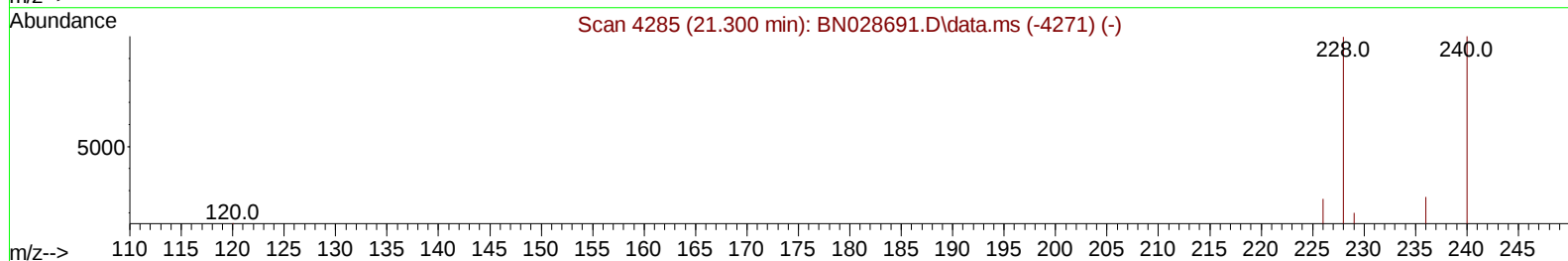
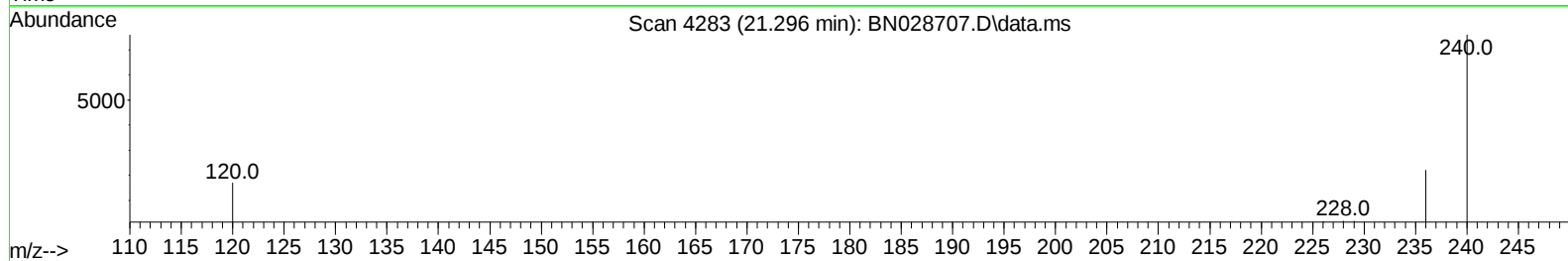
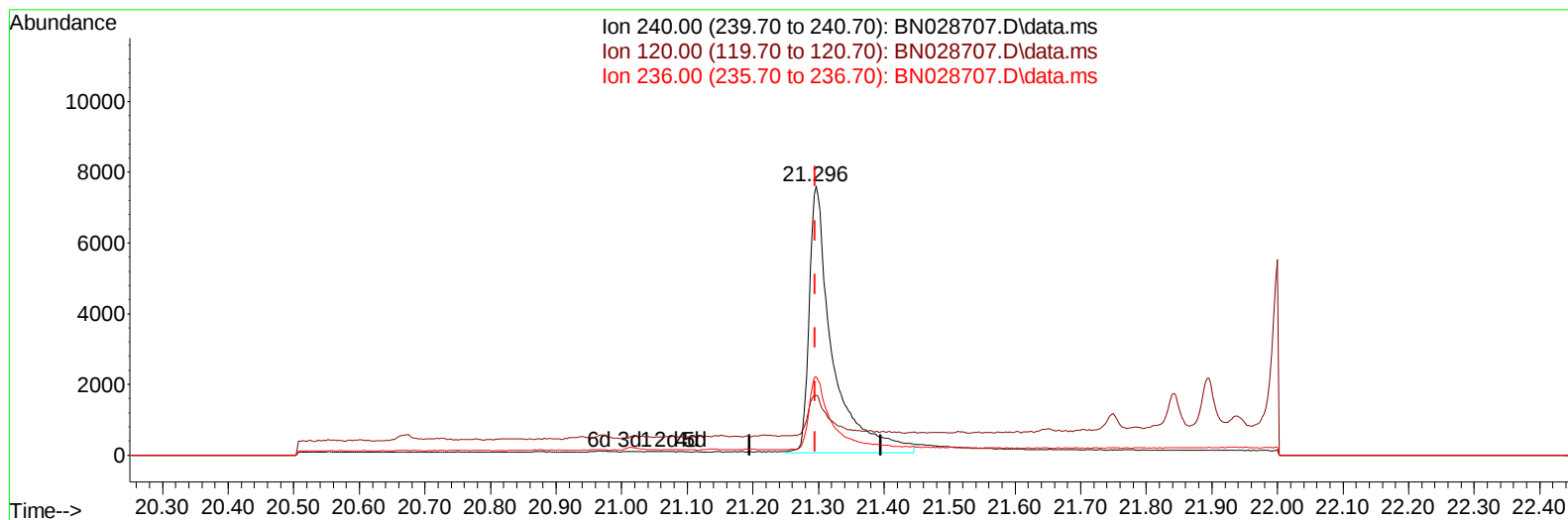
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028707.D\data.ms

(17) Chrysene-d12

21.296min (+ 0.001) 0.40 ng/ul m

response 18679

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	22.28#
236.00	28.00	29.10
0.00	0.00	0.00

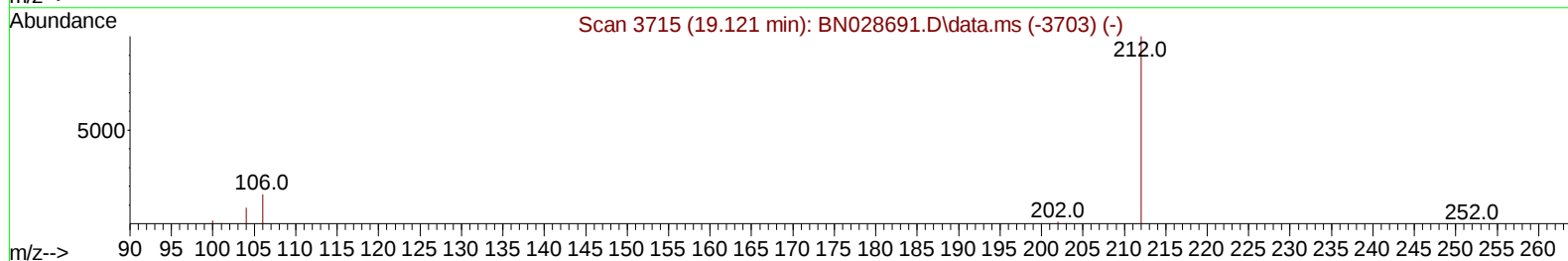
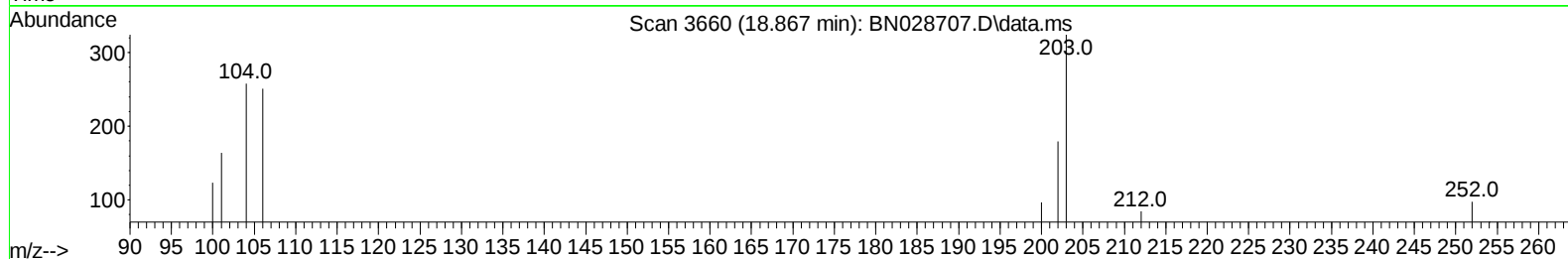
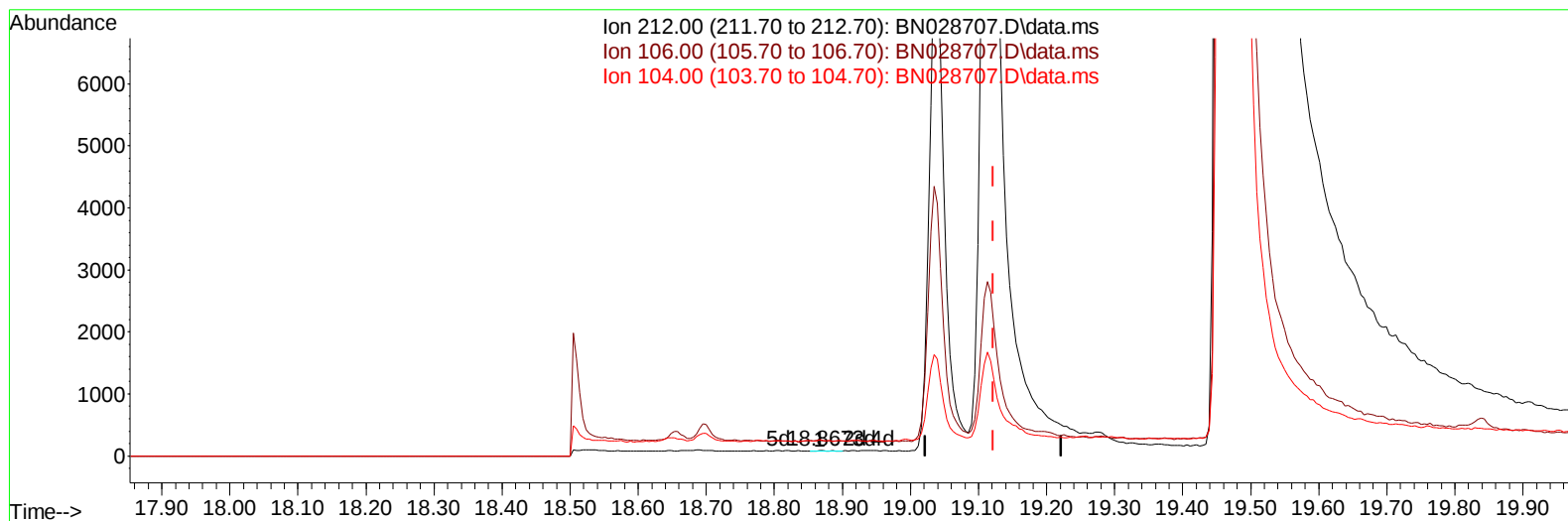
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
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 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

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TIC: BN028707.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.867min (-0.255) 0.00 ng/u1

response 15

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	340.00#
104.00	8.30	166.67#
0.00	0.00	0.00

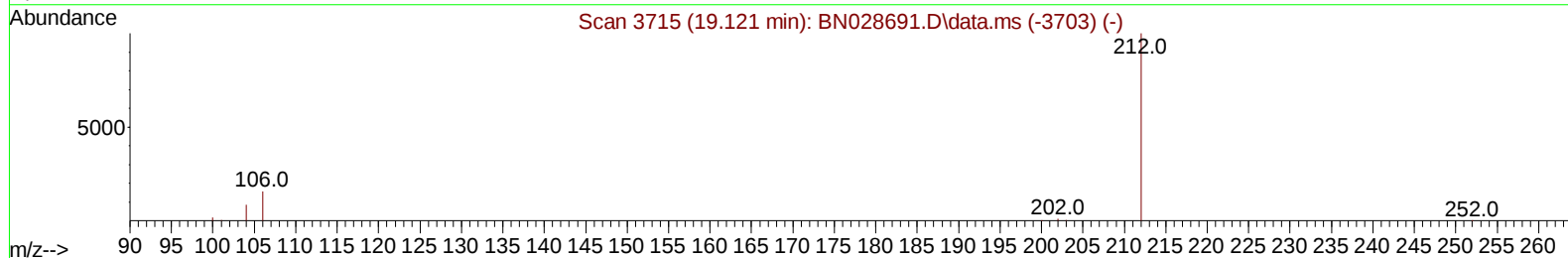
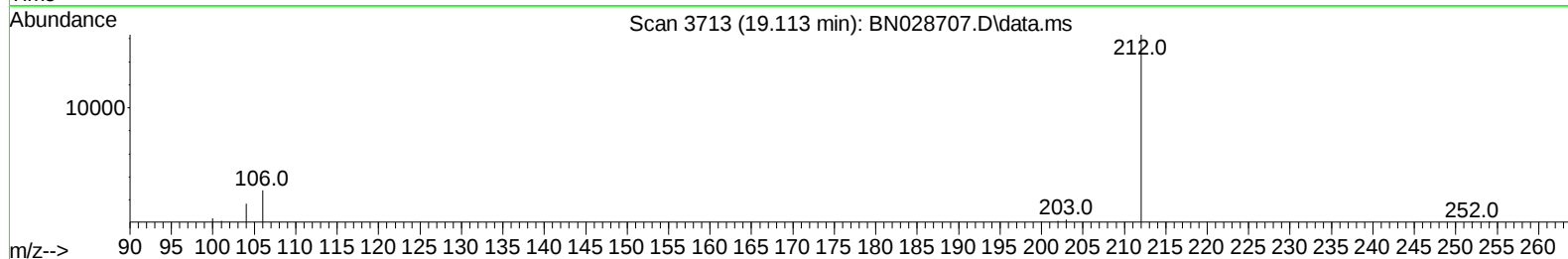
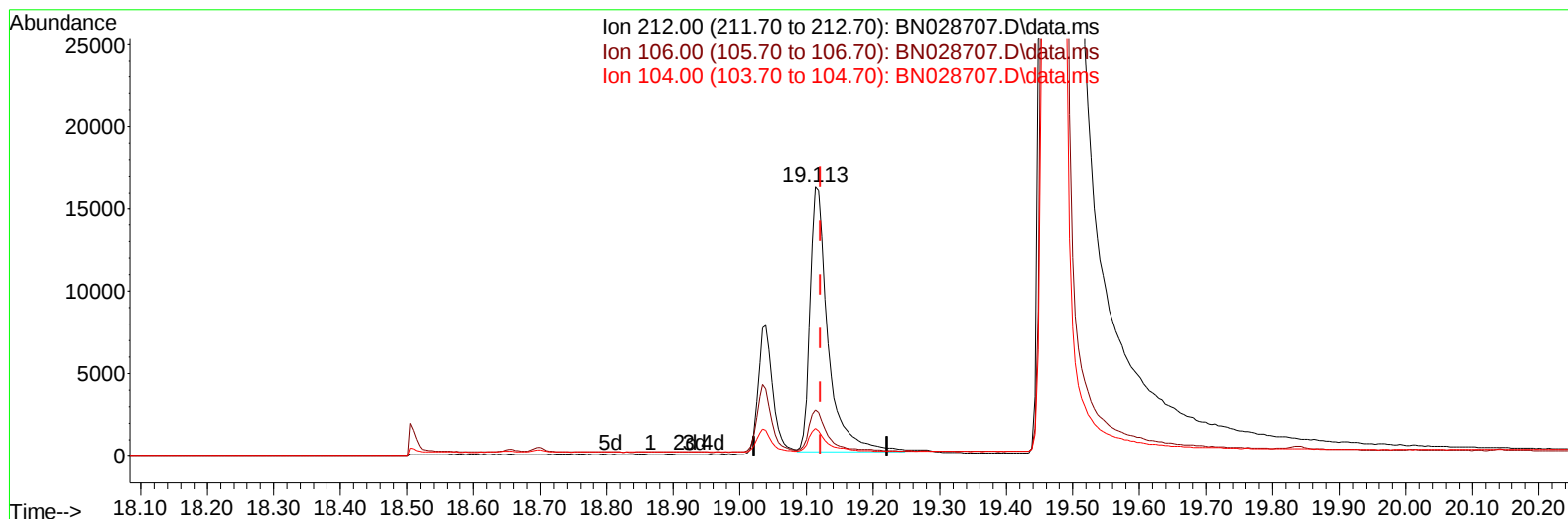
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

Manual IntegrationsAPPROVED

Quant Time: Nov 17 23:15:49 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: BN028707.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.008) 0.50 ng/u1 m

response 30321

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.17#
104.00	8.30	0.08#
0.00	0.00	0.00

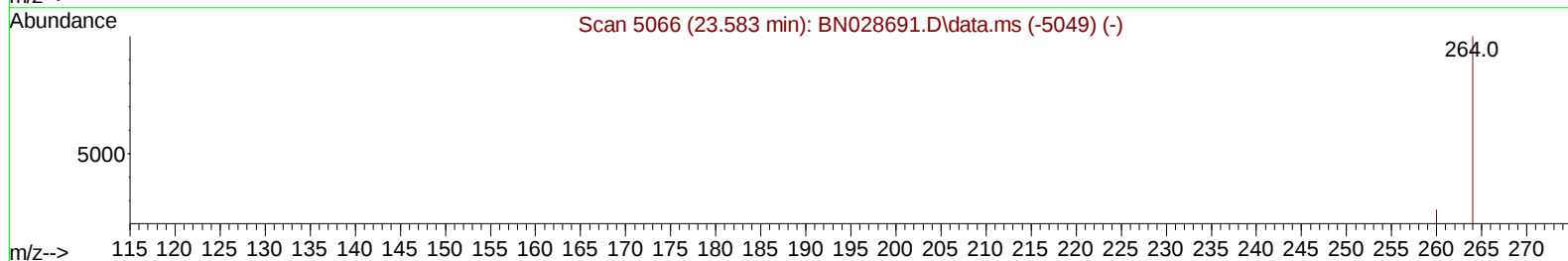
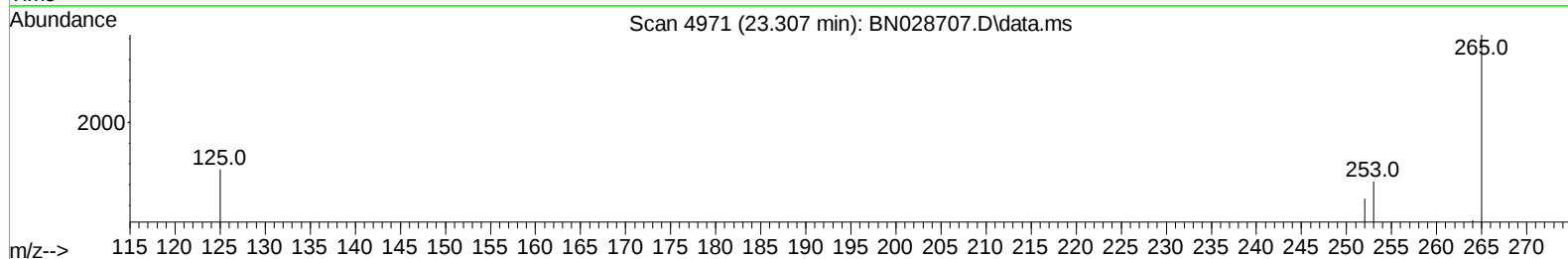
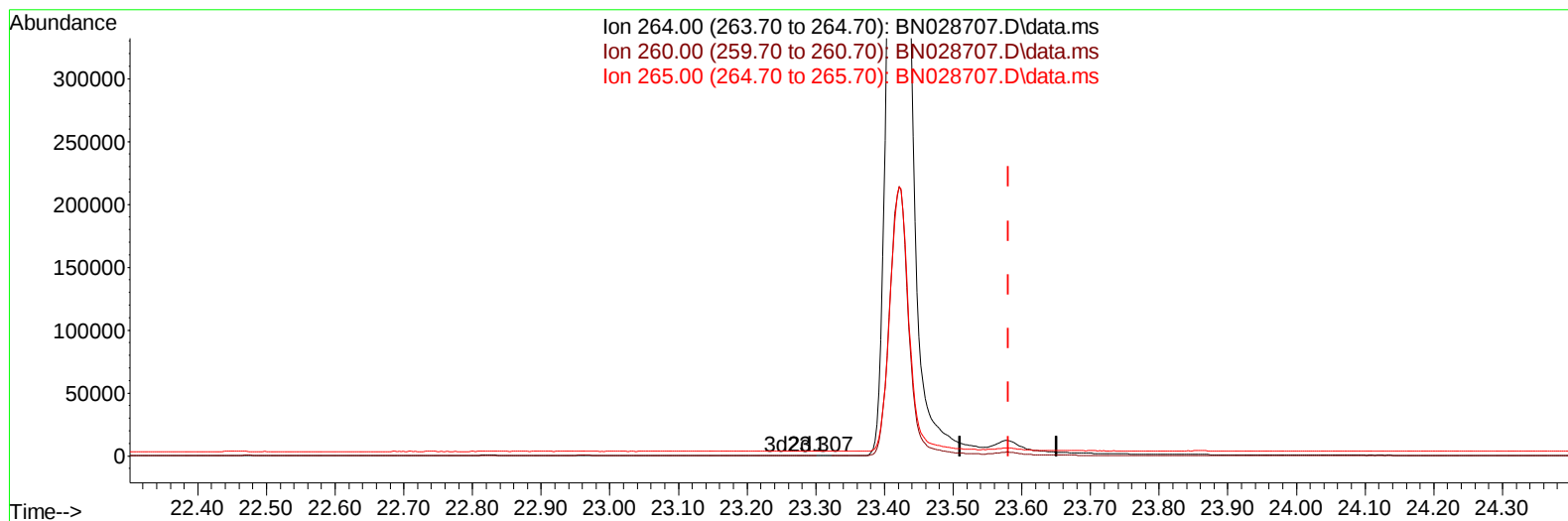
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
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 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN028707.D\data.ms

(23) Perylene-d12 (I)

23.307min (-0.274) 0.40 ng/u1

response 7

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	68.22#
265.00	38.80	2844.96#
0.00	0.00	0.00

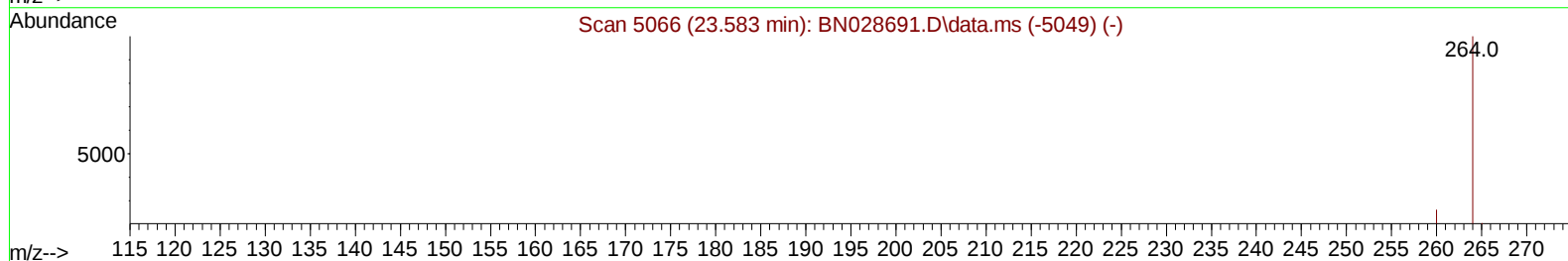
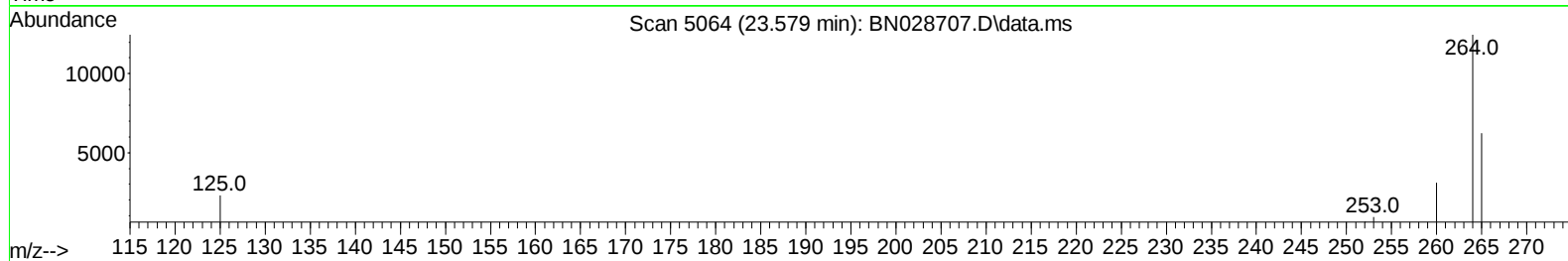
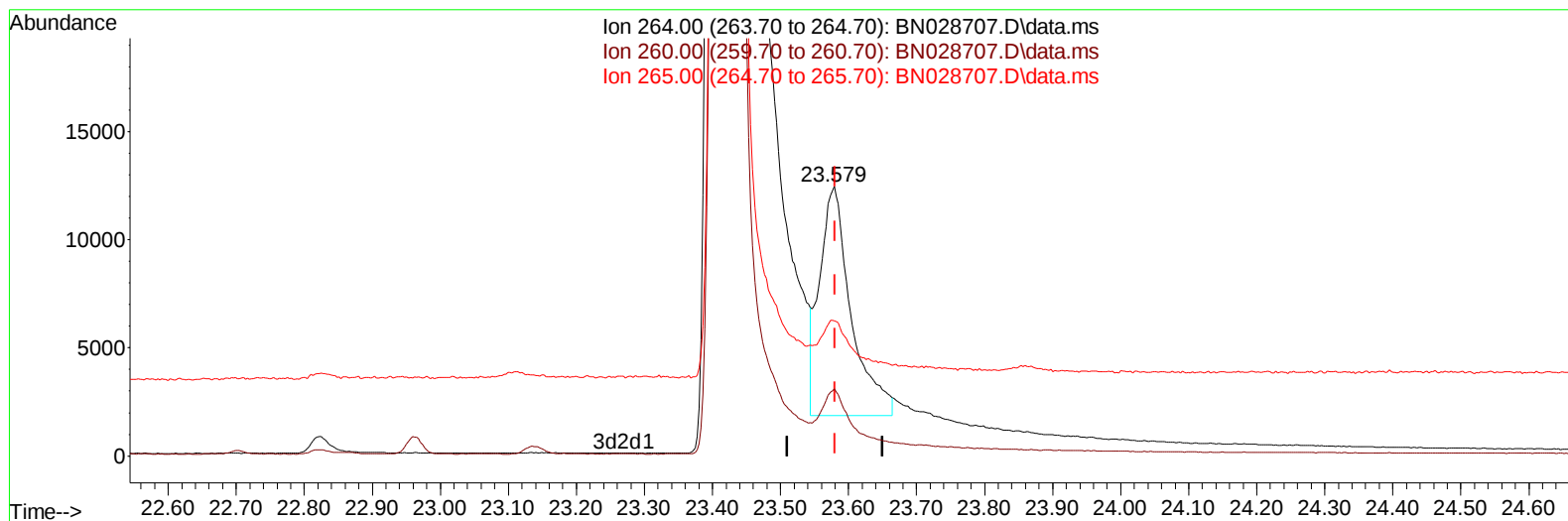
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028707.D
 Acq On : 17 Nov 2023 18:53
 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH362

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TIC: BN028707.D\data.ms

(23) Perylene-d12 (I)

23.579min (-0.002) 0.40 ng/ul m

response 34021

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.85
265.00	38.80	50.04#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 05158-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	5805m	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.479	136	17592m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.326	164	14064m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	26293m	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	18679m	0.400	ng/ul	0.00
23) Perylene-d12	23.579	264	34021m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	28724	4.477	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	7345m	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.113	212	30321m	0.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	920	0.130	ng/ul#	73

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

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