

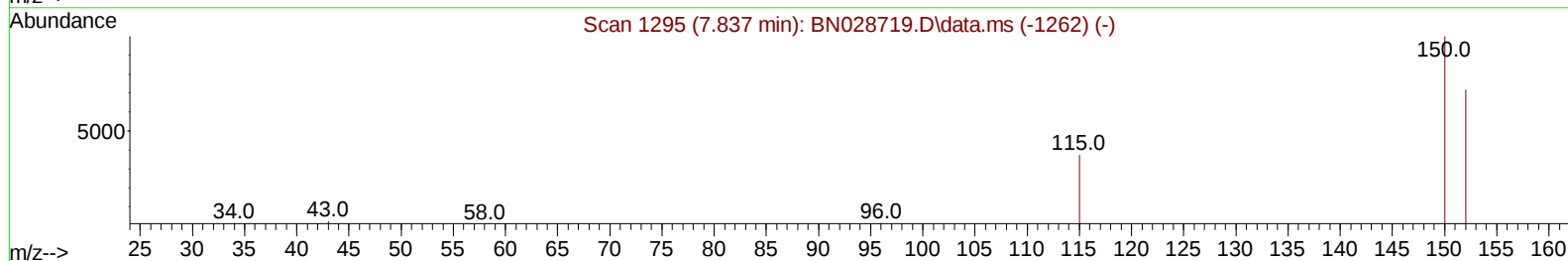
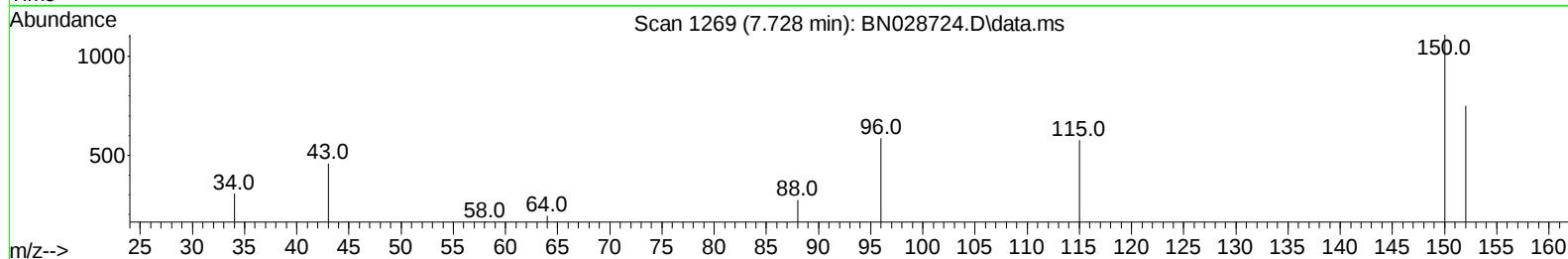
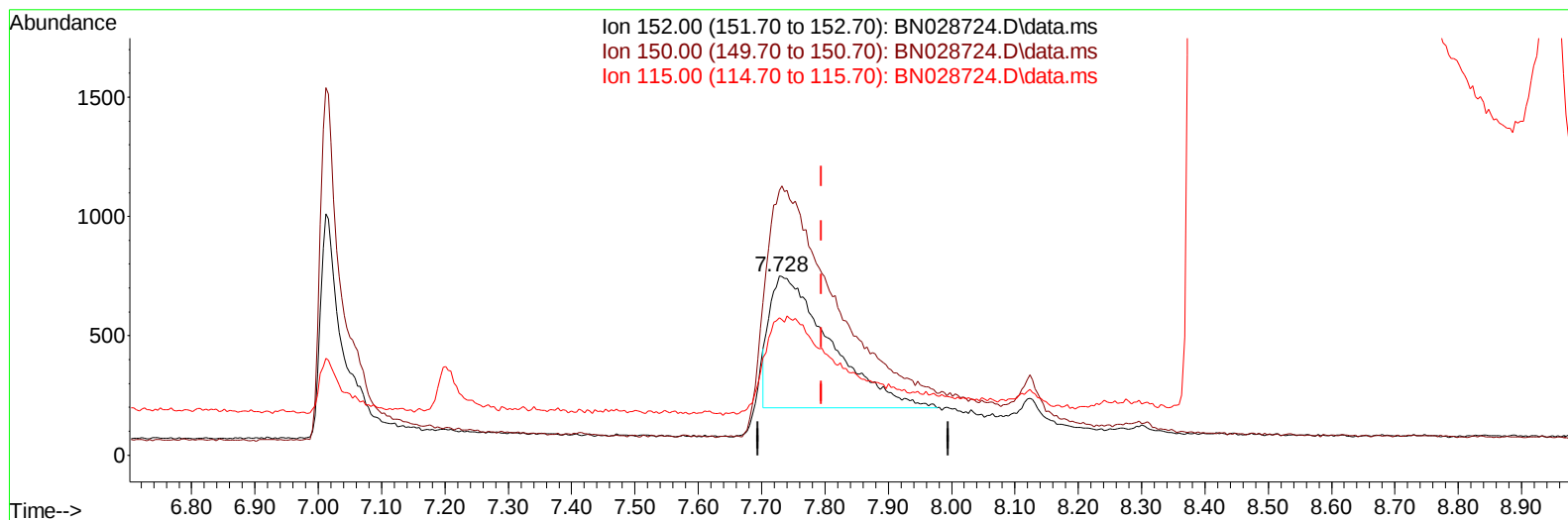
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 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: BN028724.D\data.ms

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

7.728min (-0.067) 0.40 ng/u1

response 3671

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.87
115.00	62.20	76.80#
0.00	0.00	0.00

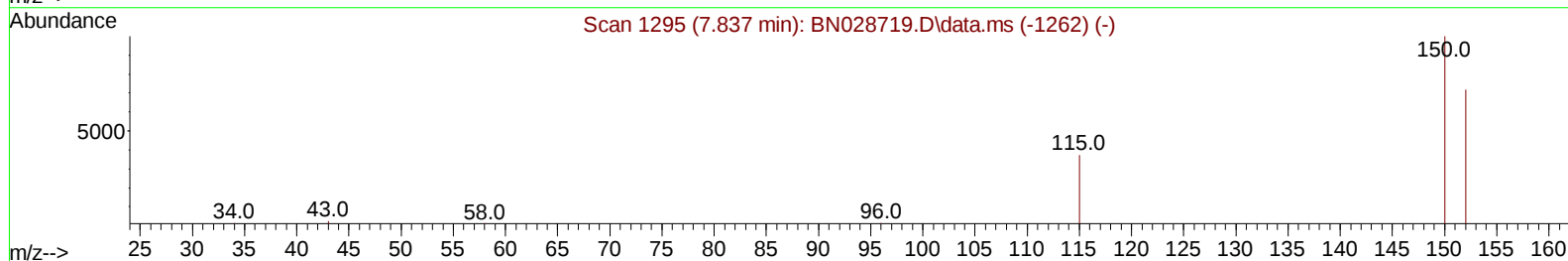
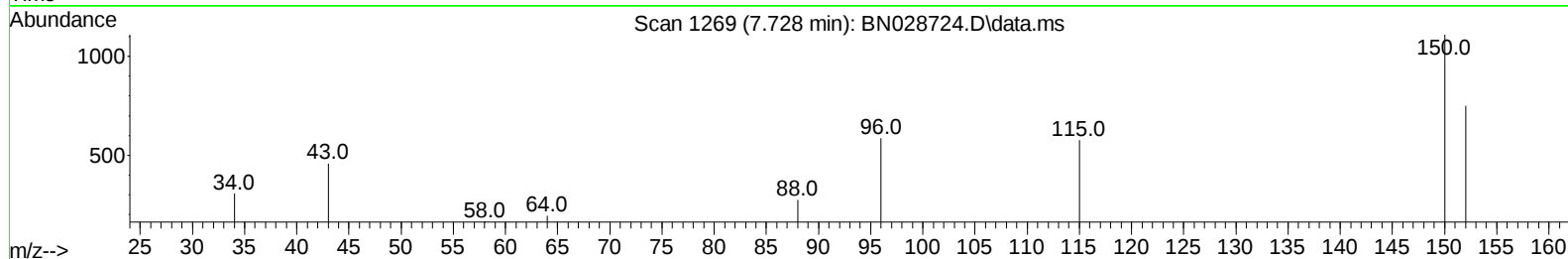
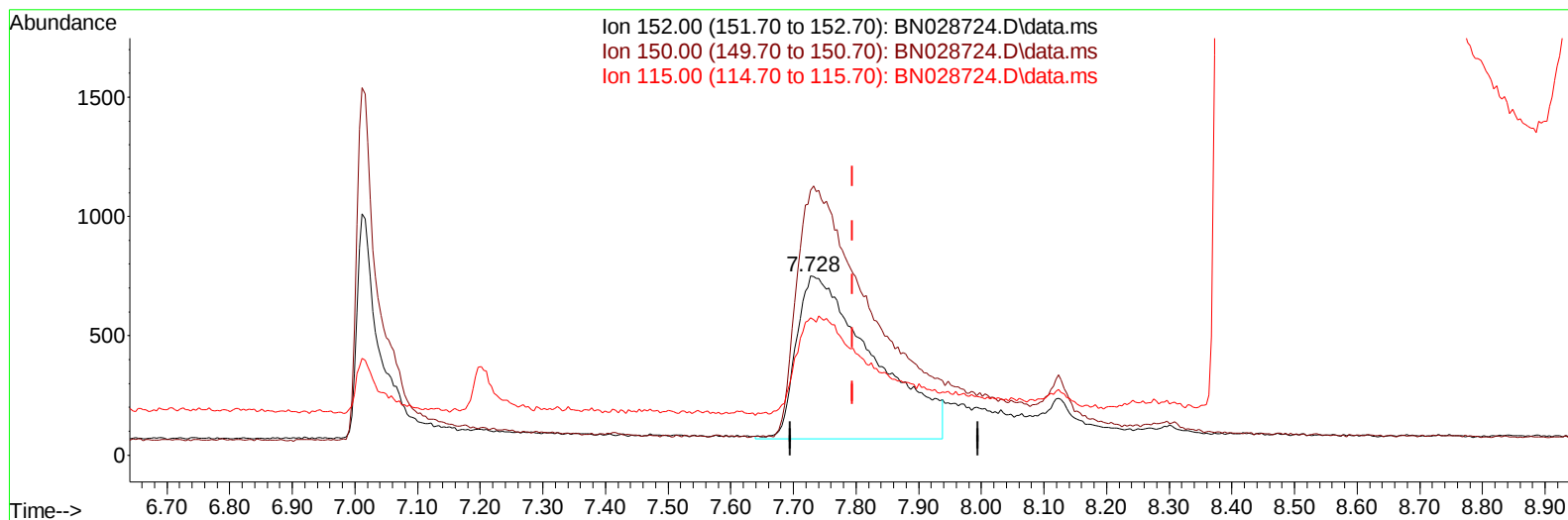
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Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 2023
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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028724.D\data.ms

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

7.728min (-0.067) 0.40 ng/ul m

response 5845

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	147.87
115.00	62.20	76.80#
0.00	0.00	0.00

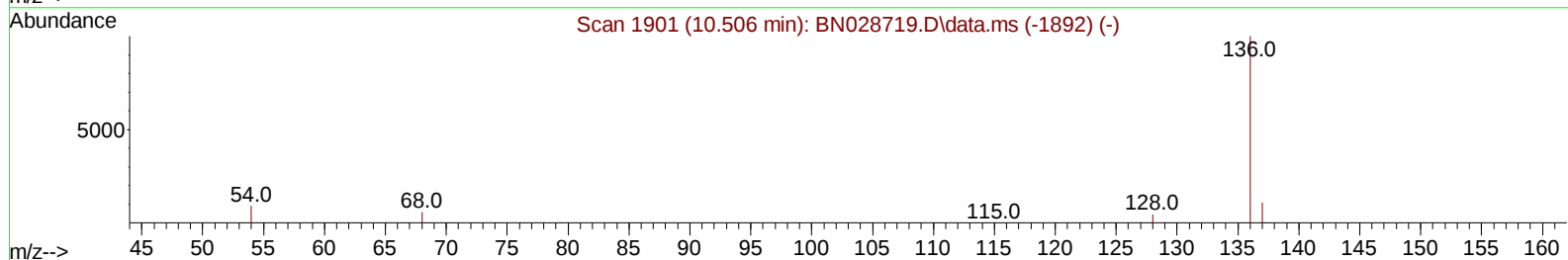
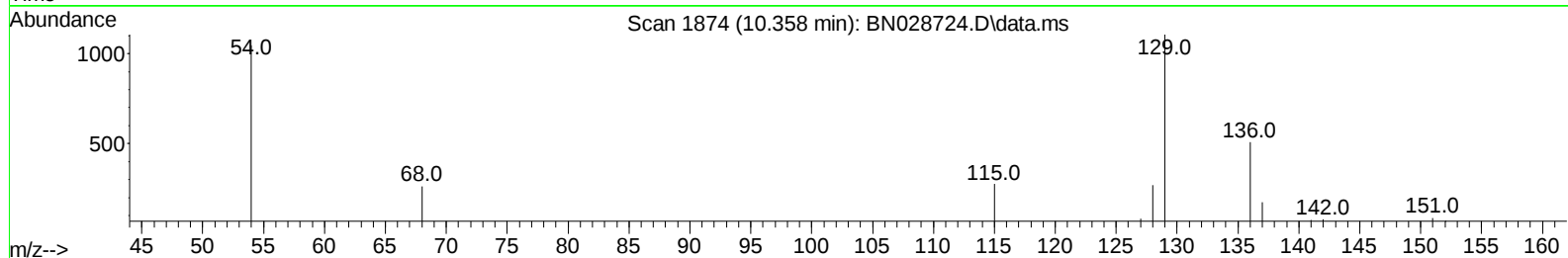
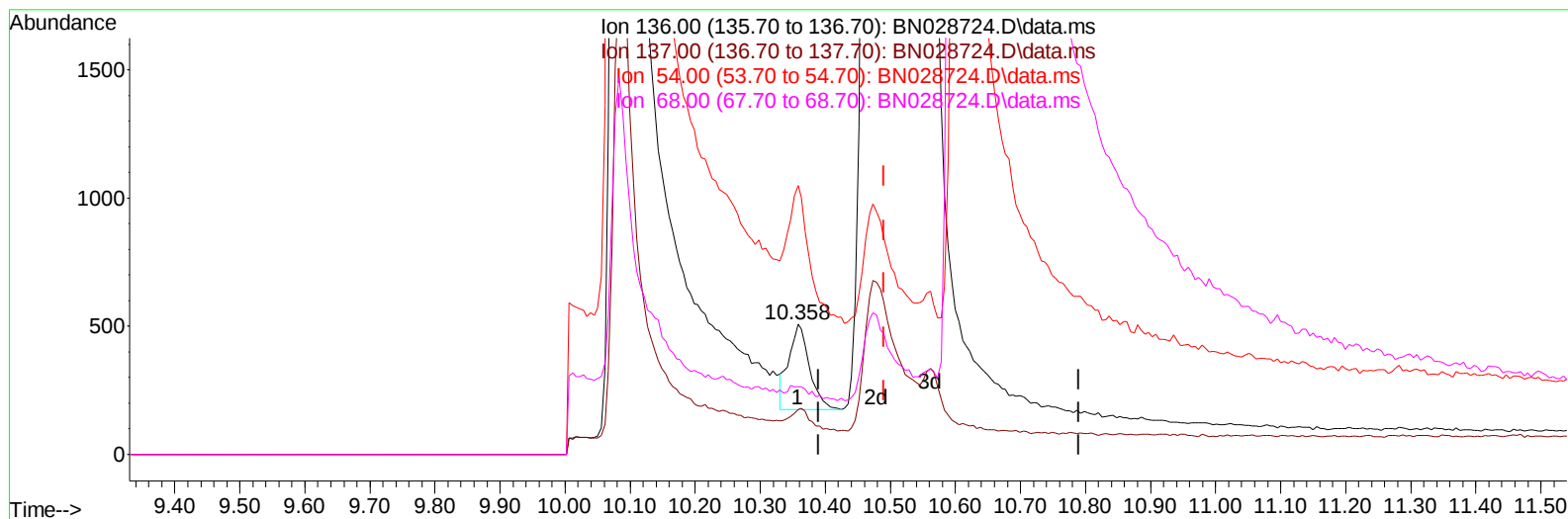
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Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(4) Naphthalene-d8 (I)

10.358min (-0.132) 0.40 ng/u1

response 729

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.52#
54.00	9.00	206.71#
68.00	7.10	51.87#

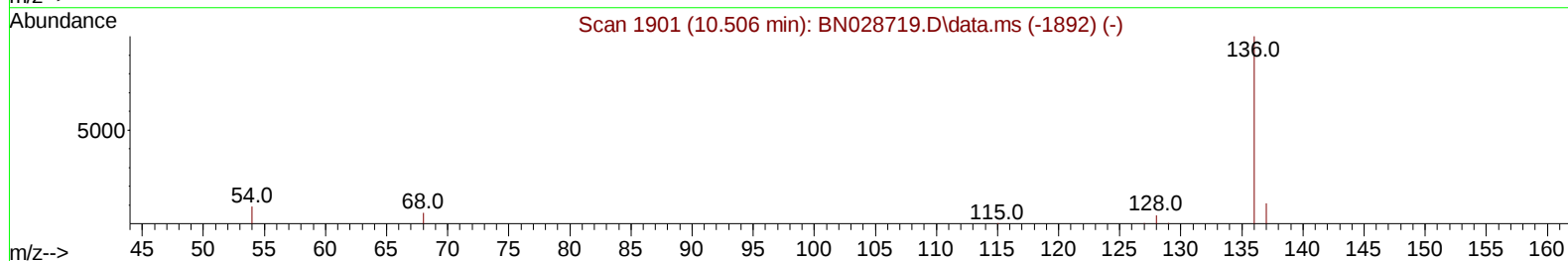
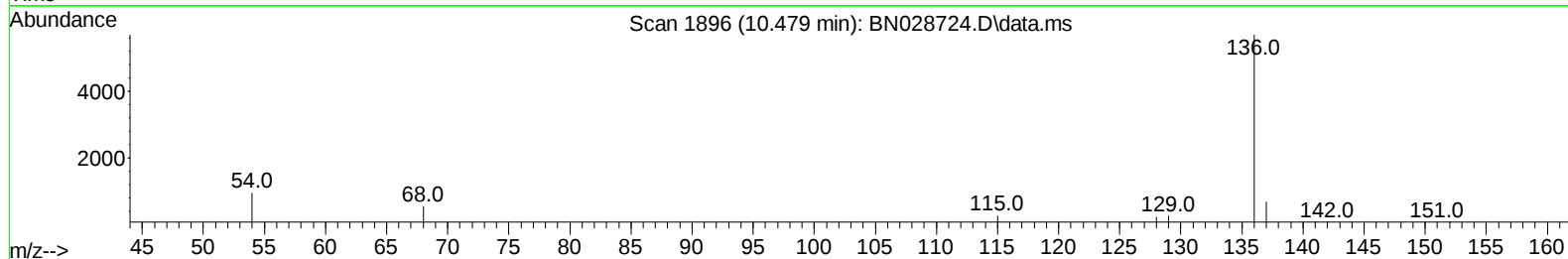
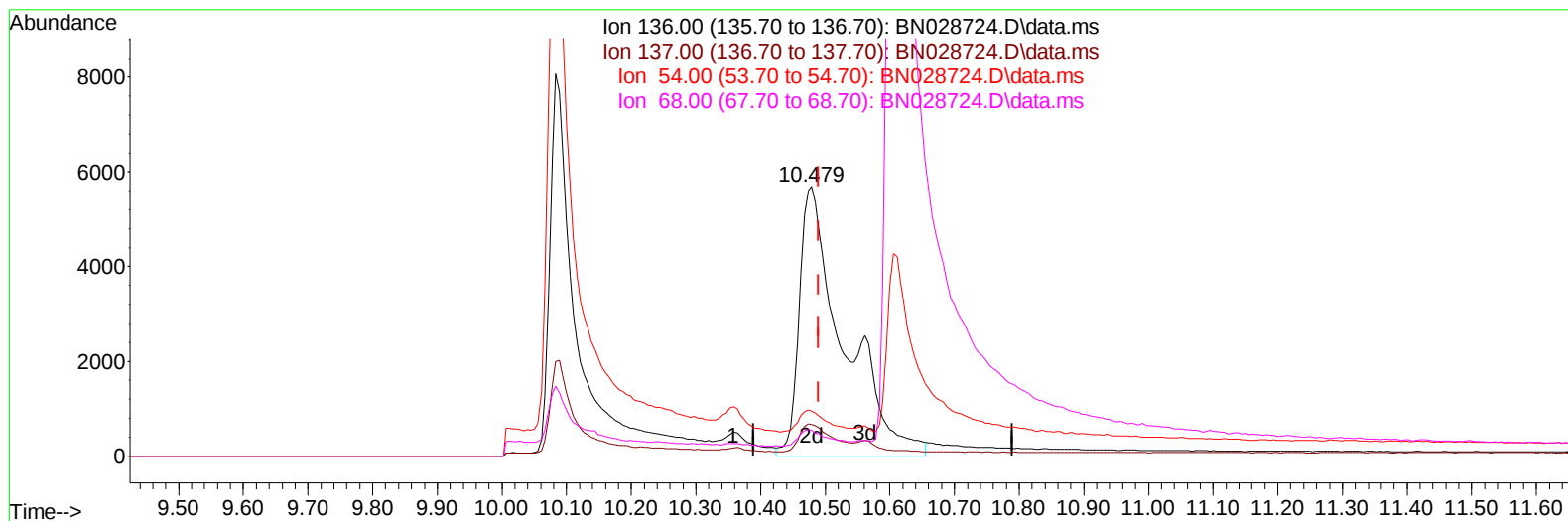
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 2023
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Reviewed By :Yogesh Patel 11/19/2023
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TIC: BN028724.D\data.ms

(4) Naphthalene-d8 (I)

10.479min (-0.011) 0.40 ng/ul m

response 27015

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.79
54.00	9.00	16.58#
68.00	7.10	9.50#

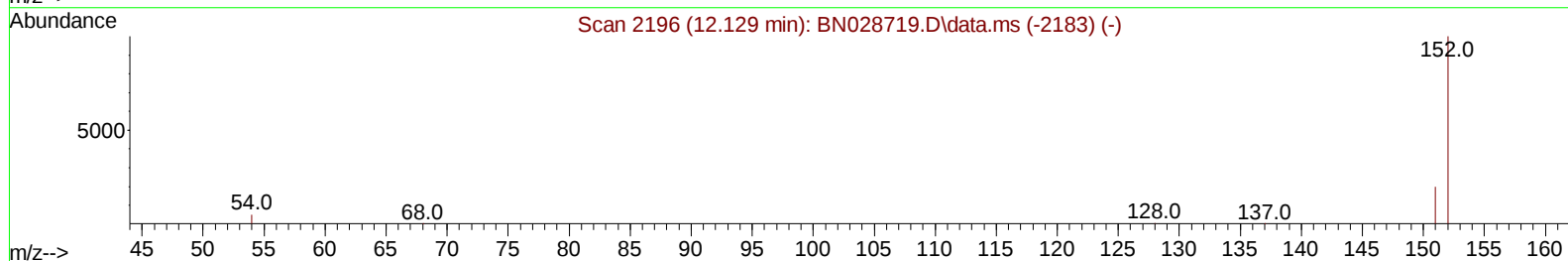
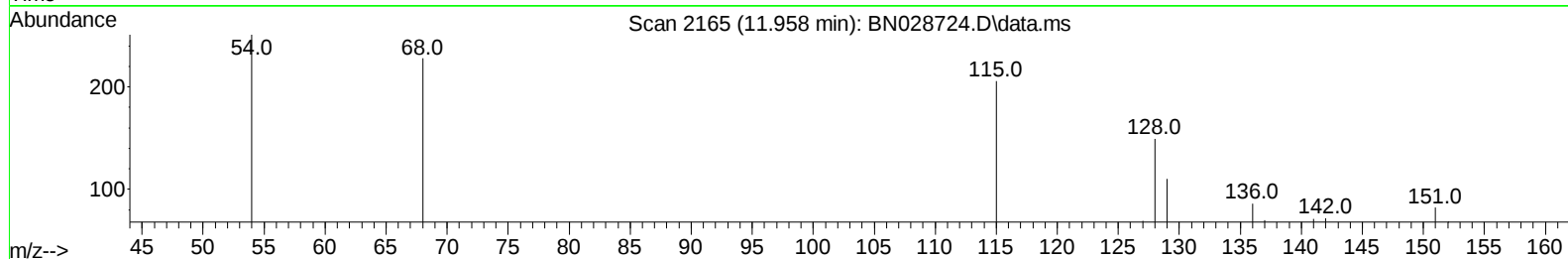
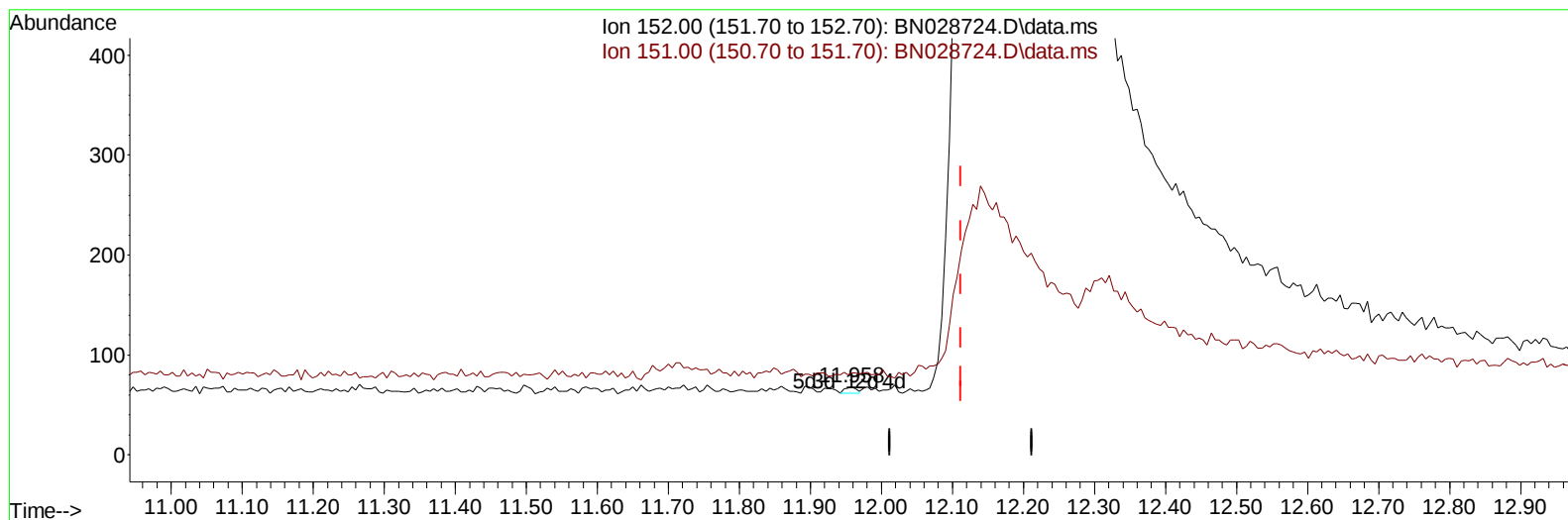
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.958min (-0.154) 0.00 ng/u1

response 7

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	185.71#
0.00	0.00	0.00
0.00	0.00	0.00

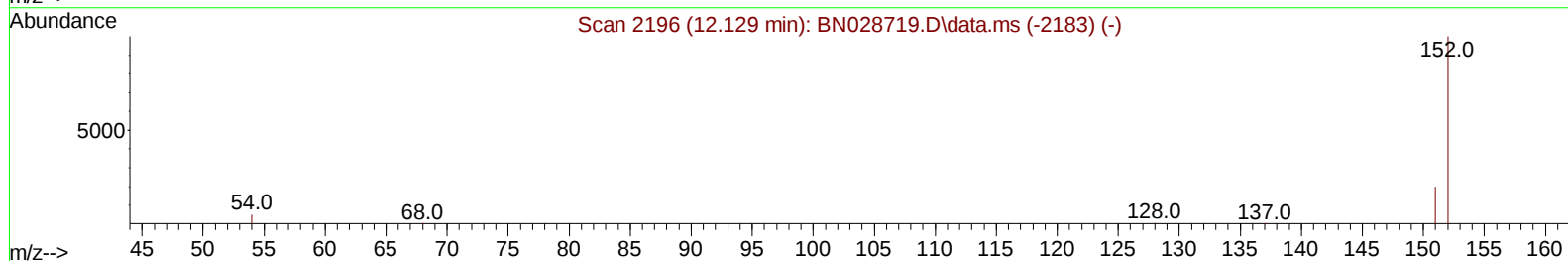
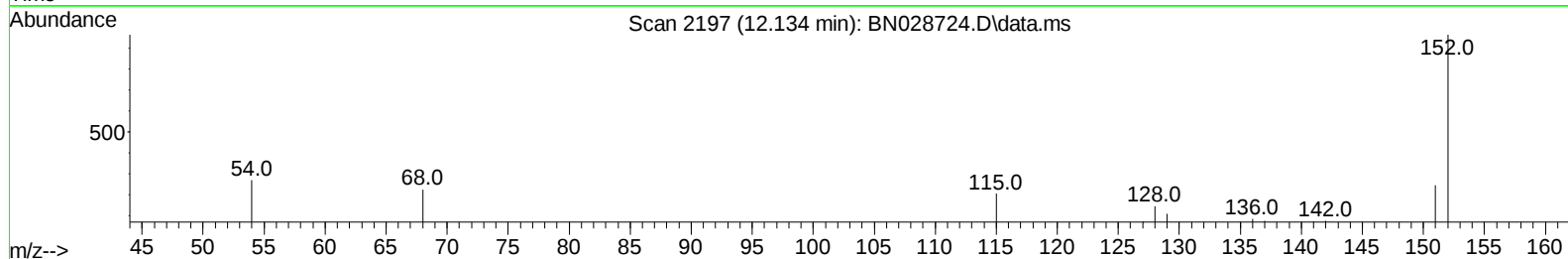
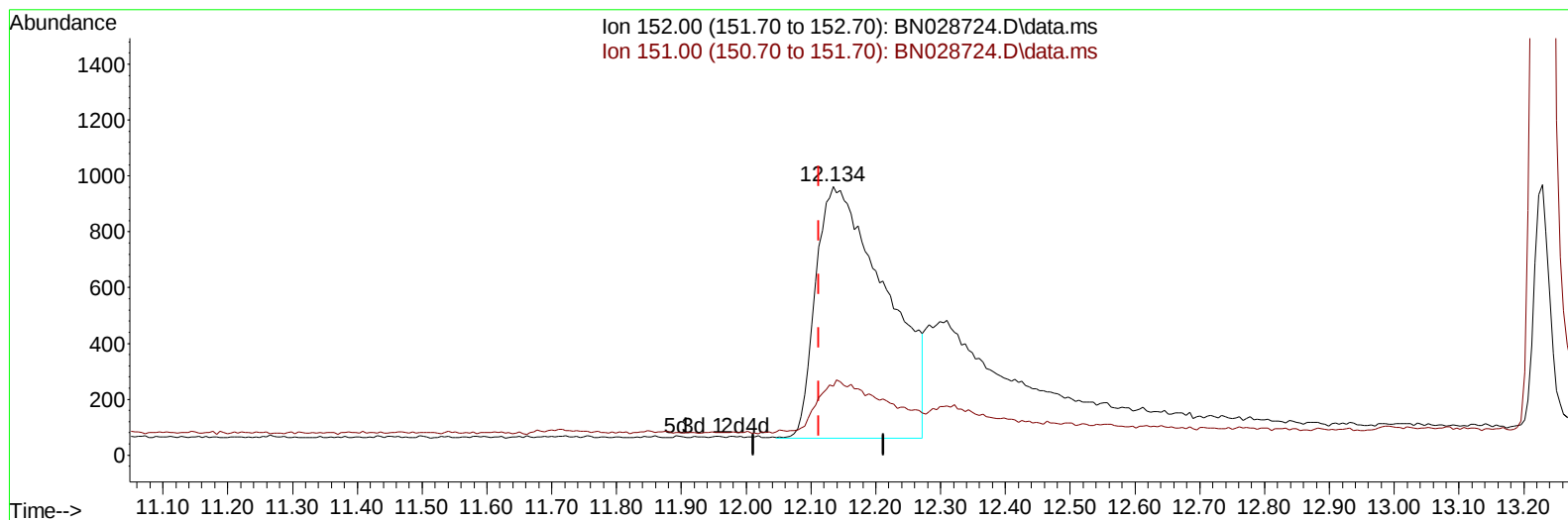
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 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 2023
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TIC: BN028724.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.134min (+ 0.022) 0.17 ng/ul m

response 6747

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.19#
0.00	0.00	0.00
0.00	0.00	0.00

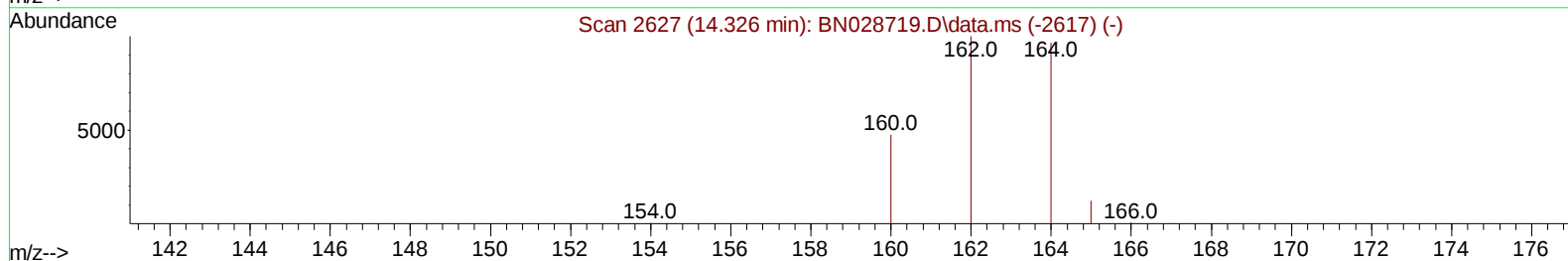
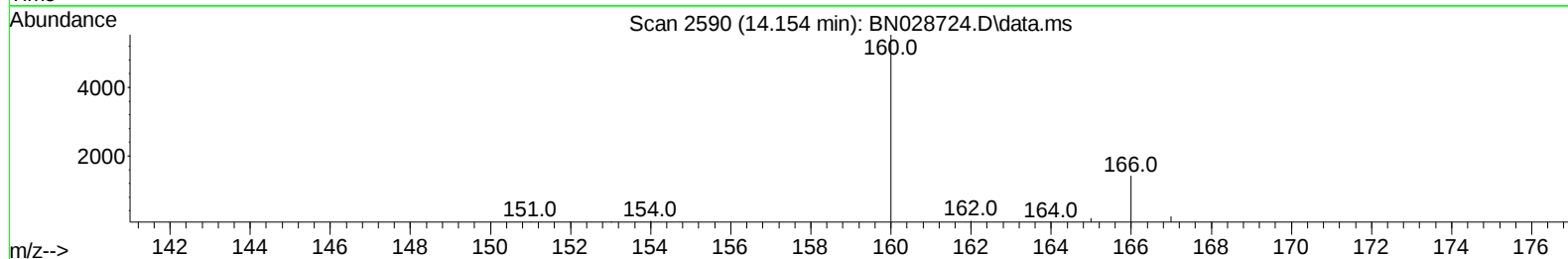
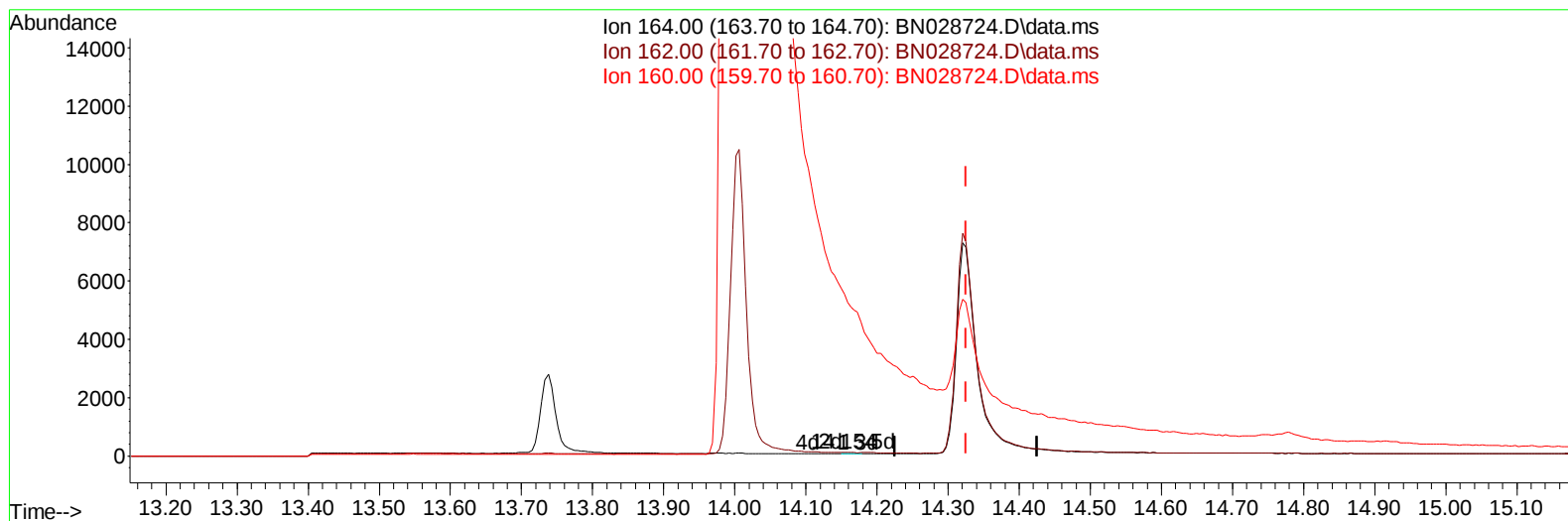
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 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(9) Acenaphthene-d10 (I)

14.154min (-0.171) 0.40 ng/u1

response 6

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	140.00#
160.00	49.20	6514.12#
0.00	0.00	0.00

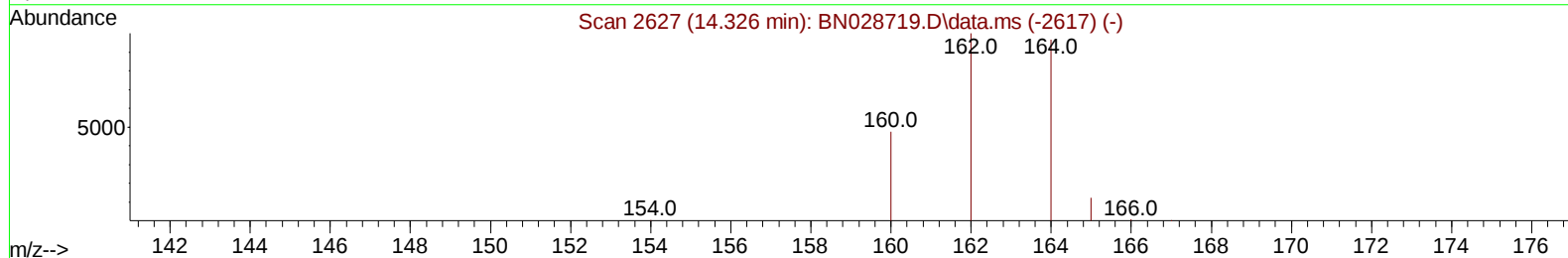
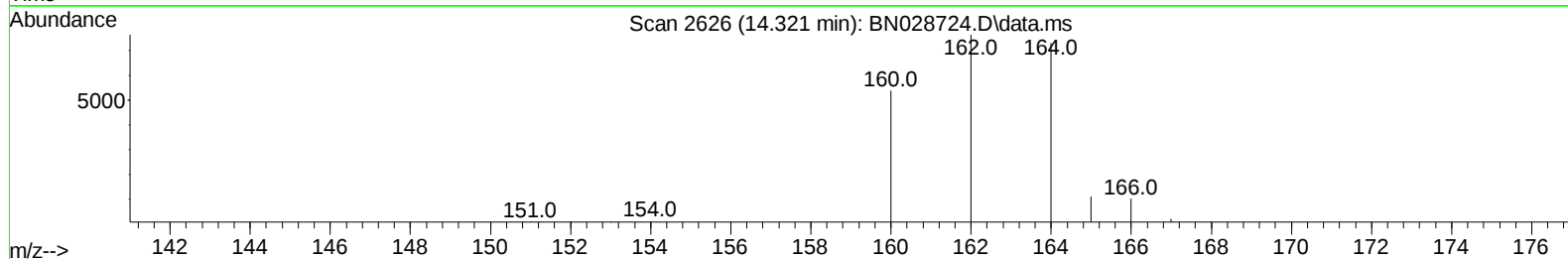
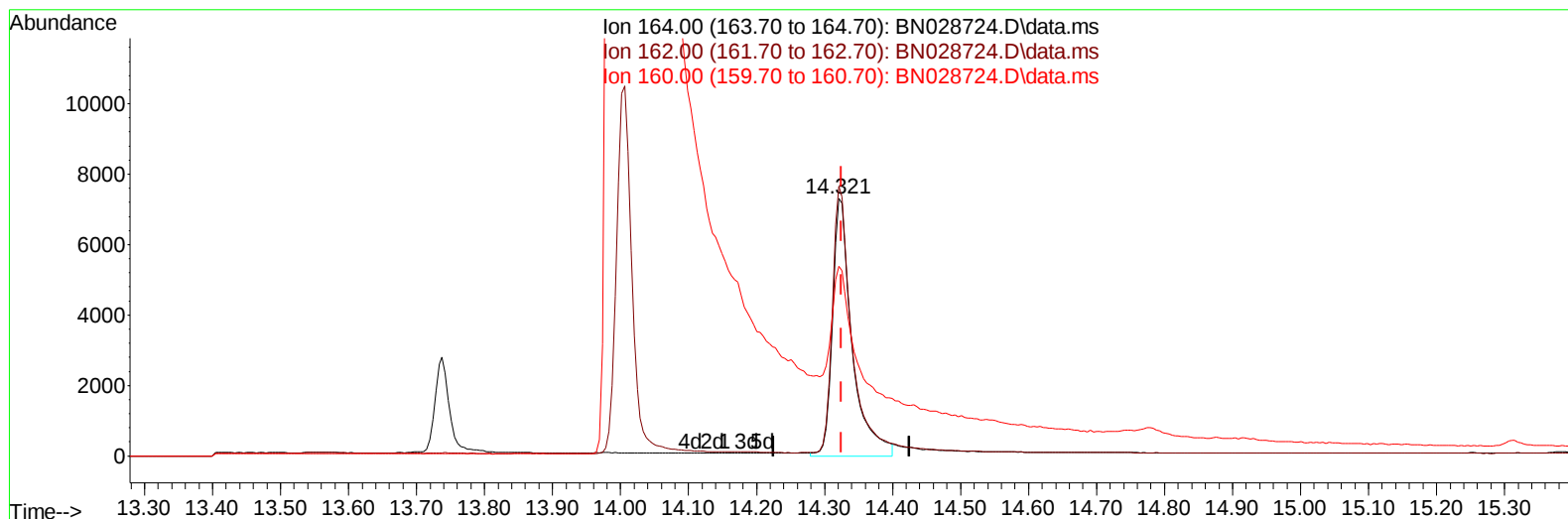
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Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 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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Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028724.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.005) 0.40 ng/u1 m

response 14879

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.61
160.00	49.20	73.62#
0.00	0.00	0.00

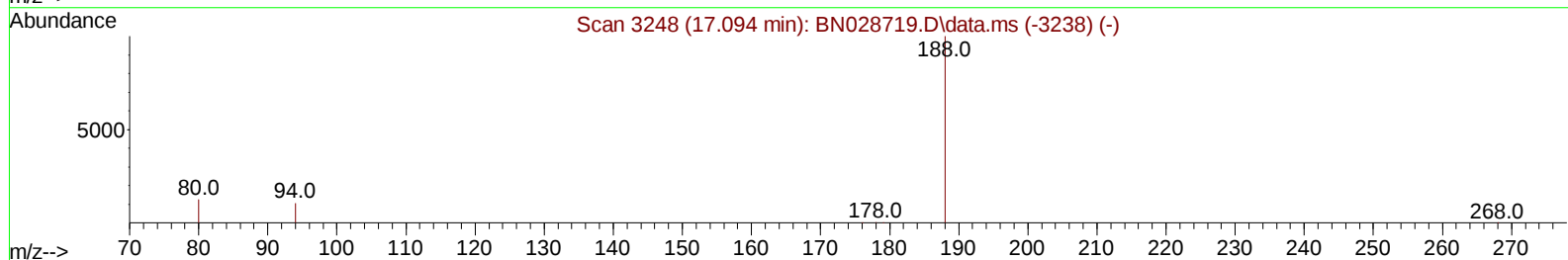
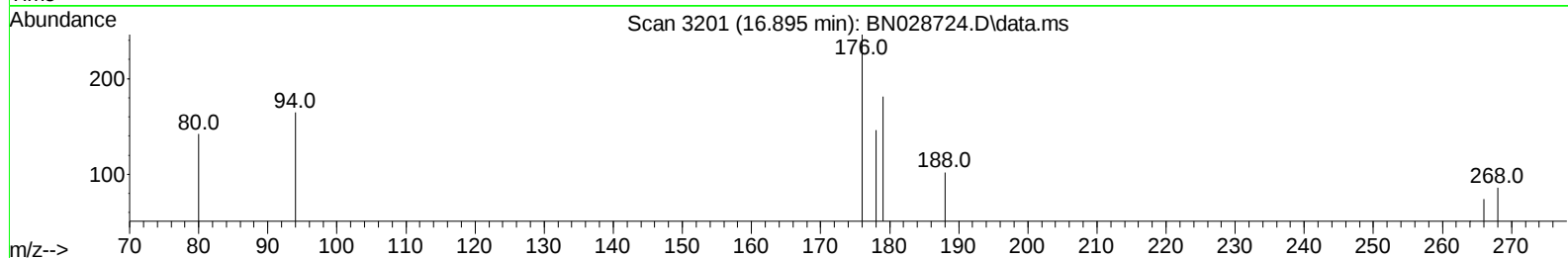
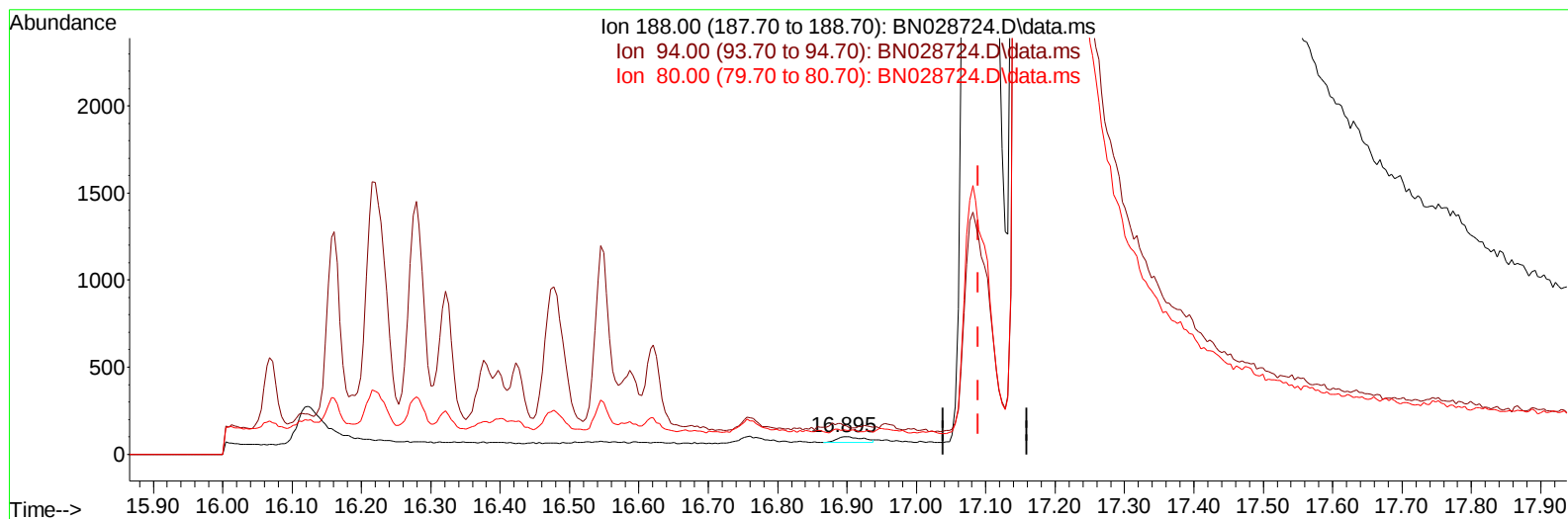
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 2023
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TIC: BN028724.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.194) 0.40 ng/u1

response 89

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	161.76#
80.00	10.90	139.22#
0.00	0.00	0.00

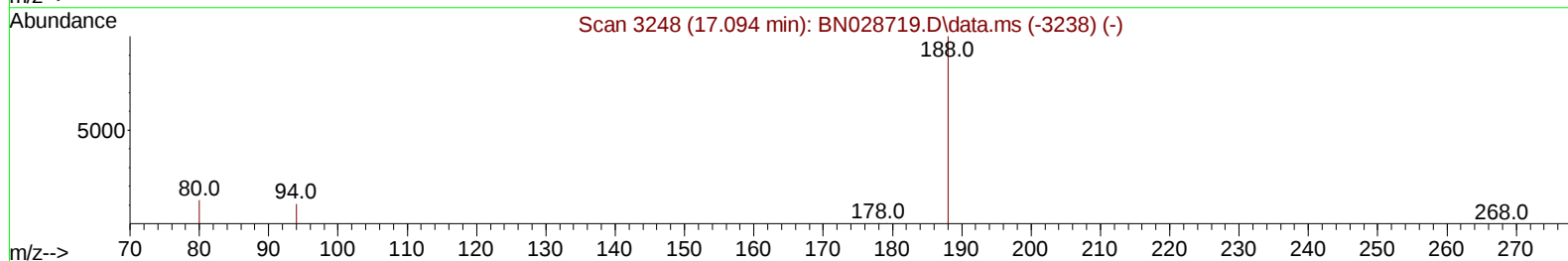
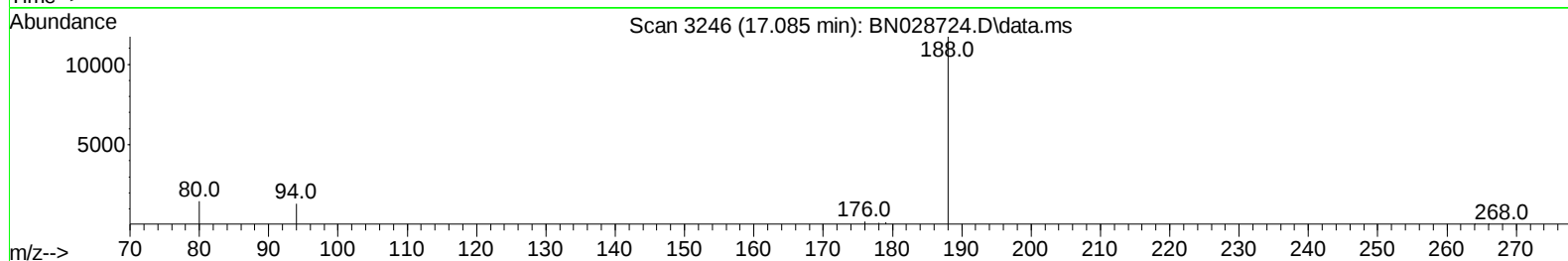
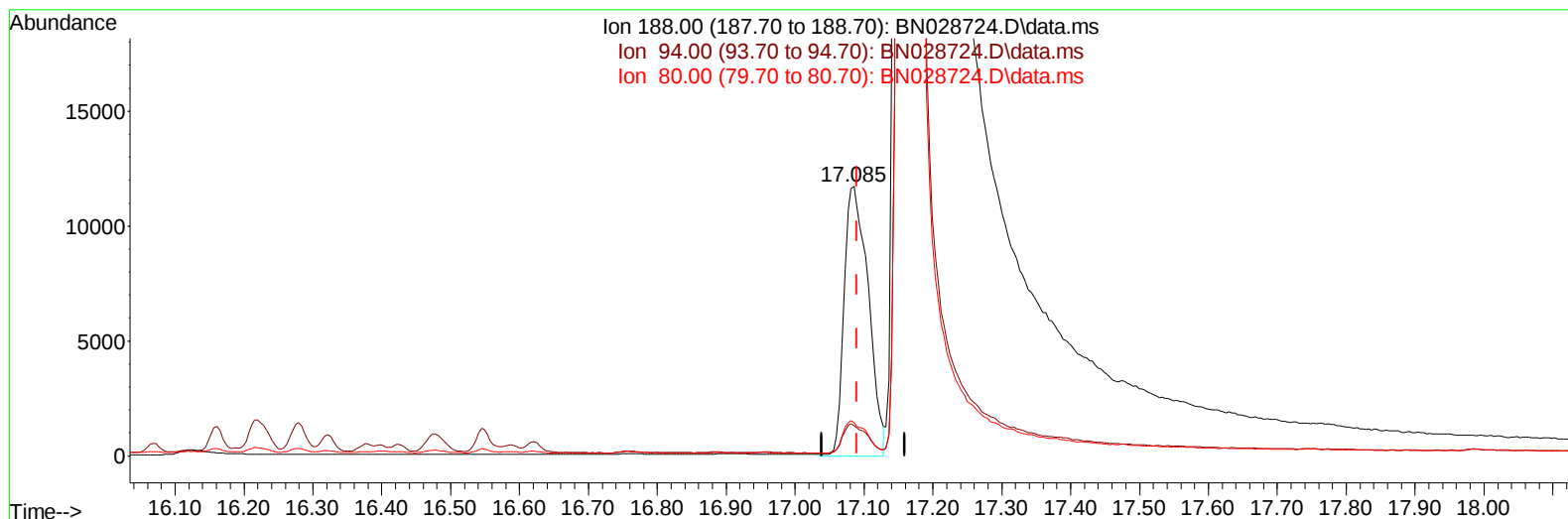
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 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023



TIC: BN028724.D\data.ms

(13) Phenanthrene-d10 (I)

17.085min (-0.004) 0.40 ng/ul m

response 28403

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.29
80.00	10.90	12.45
0.00	0.00	0.00

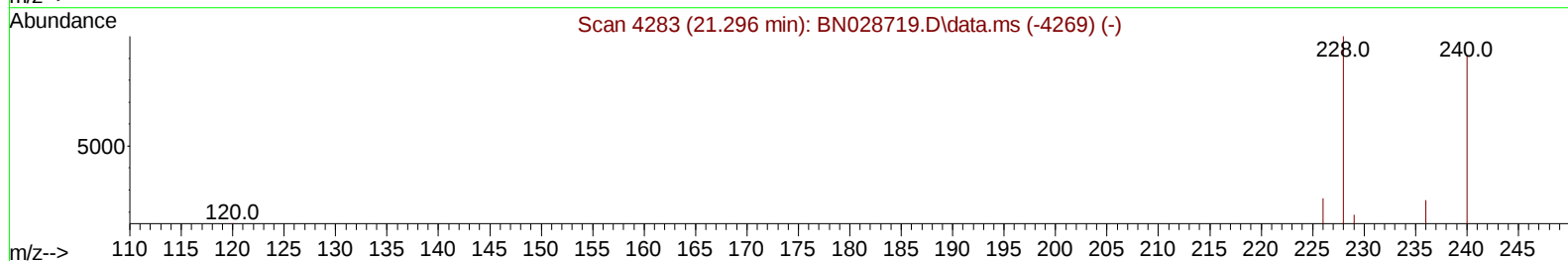
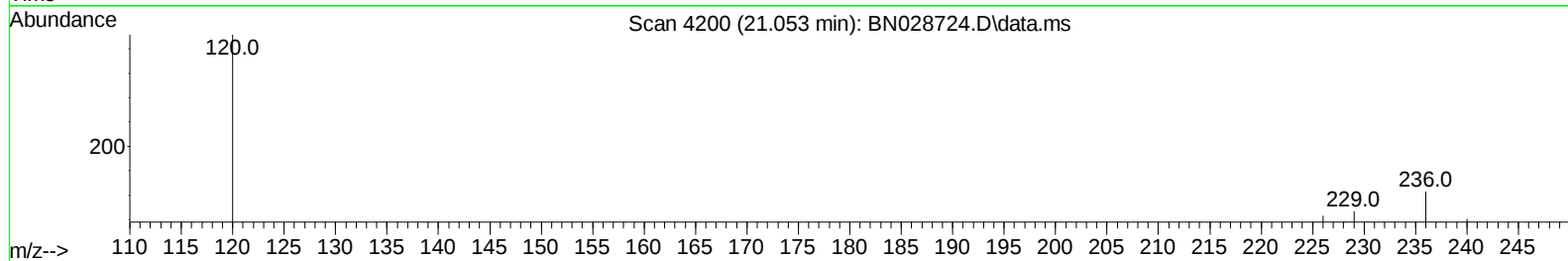
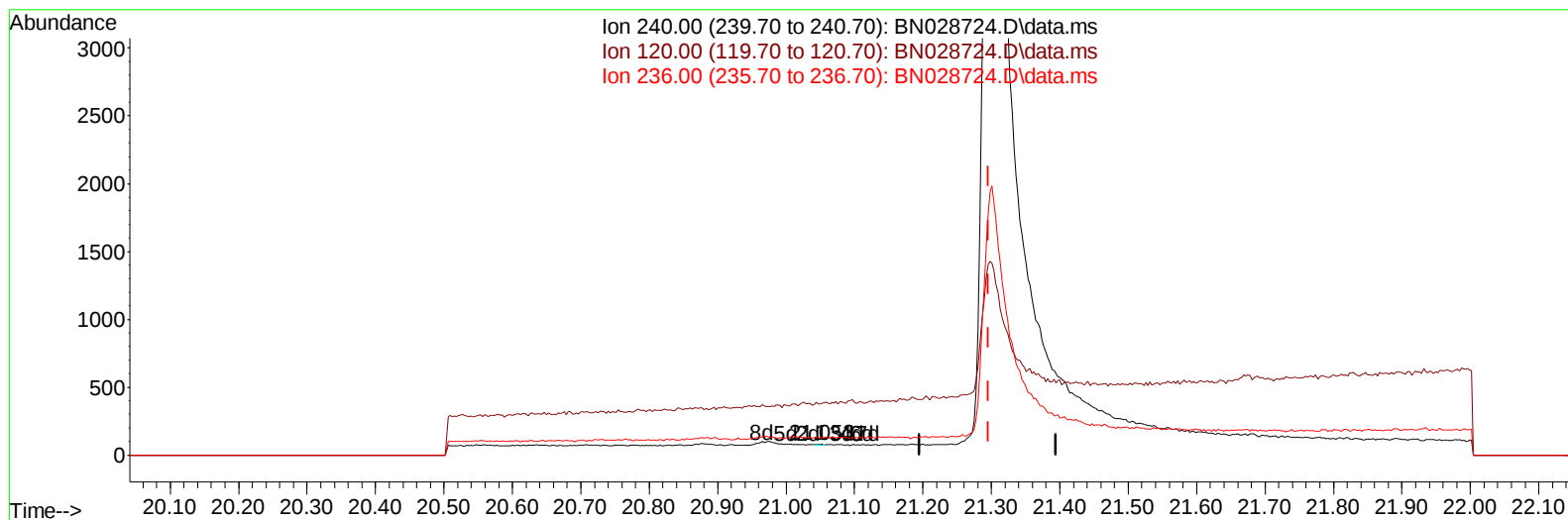
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(17) Chrysene-d12

21.053min (-0.243) 0.40 ng/u1

response 3

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	472.84#
236.00	28.00	155.56#
0.00	0.00	0.00

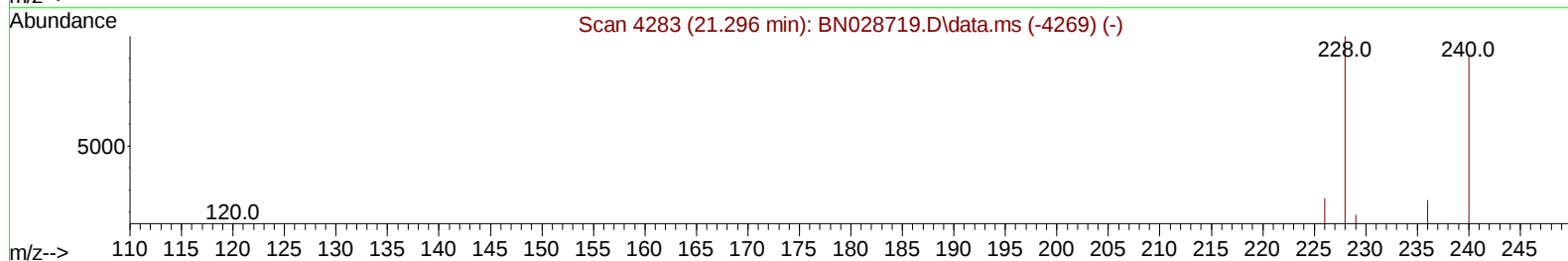
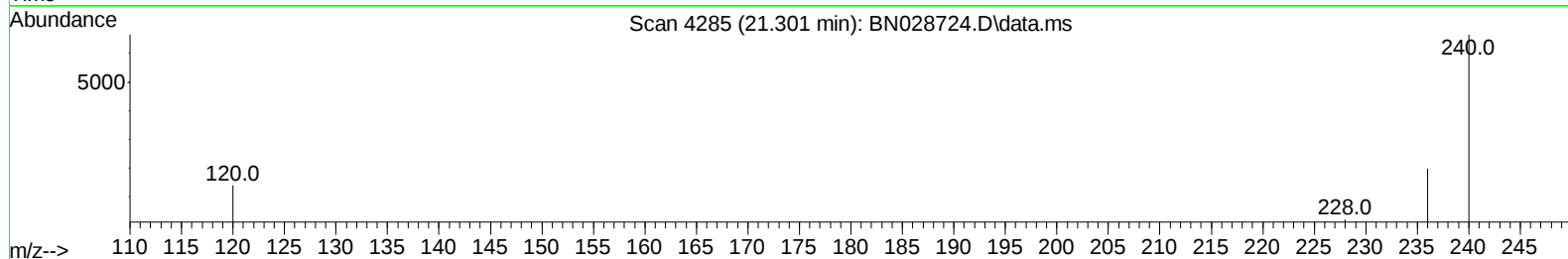
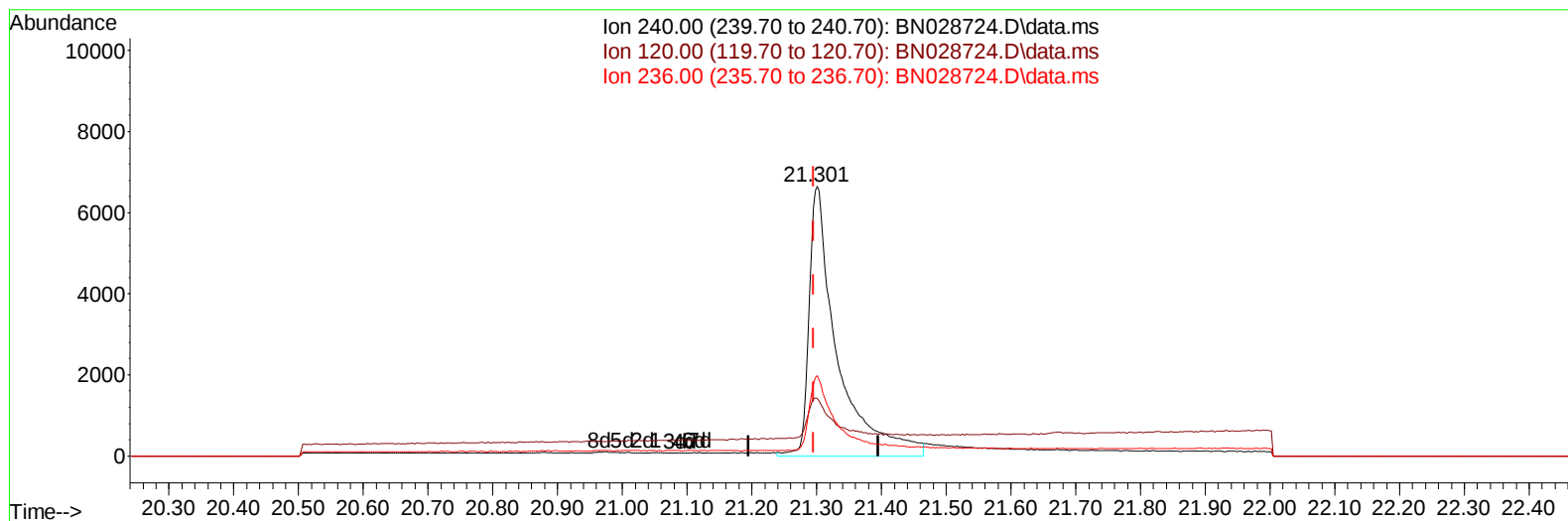
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
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 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(17) Chrysene-d12

21.301min (+ 0.006) 0.40 ng/ul m

response 20023

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.30#
236.00	28.00	29.82
0.00	0.00	0.00

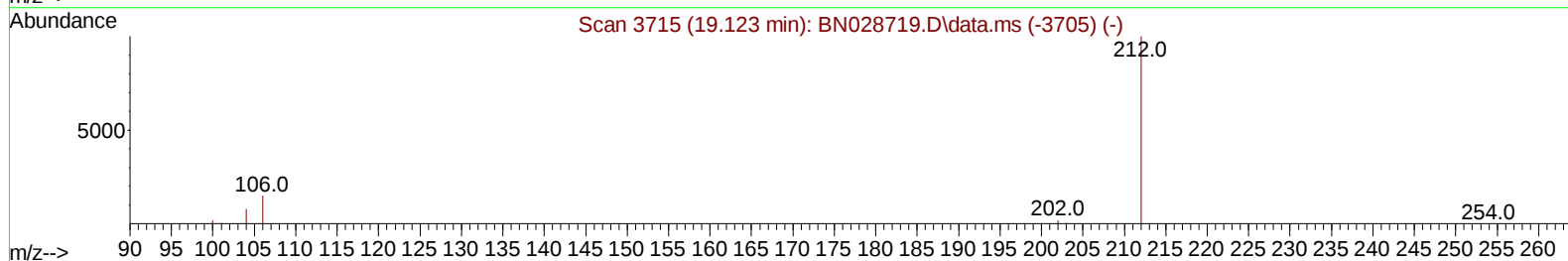
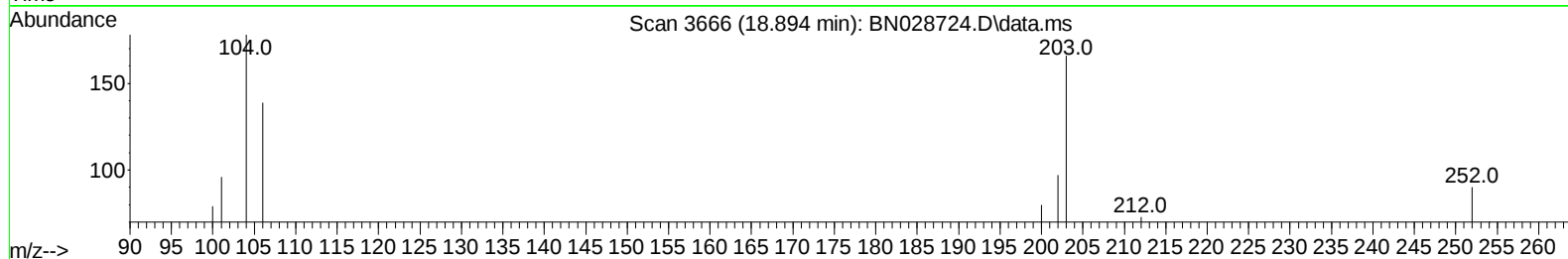
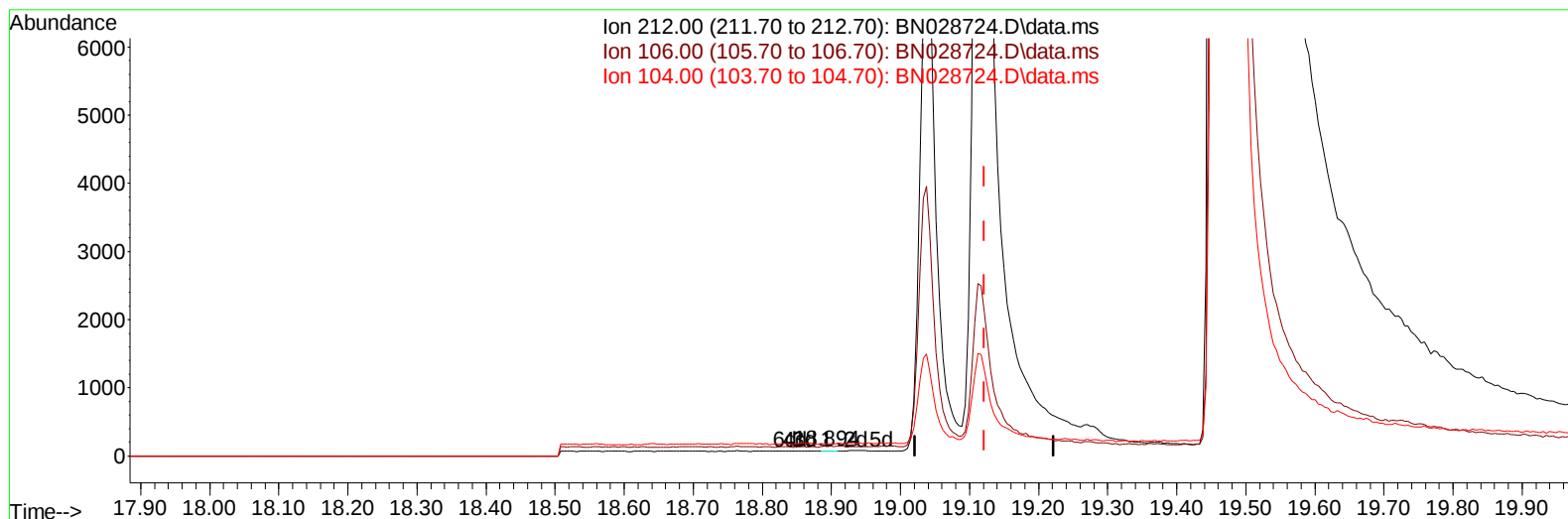
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

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TIC: BN028724.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.894min (-0.228) 0.00 ng/u1

response 4

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	750.00#
104.00	8.30	150.00#
0.00	0.00	0.00

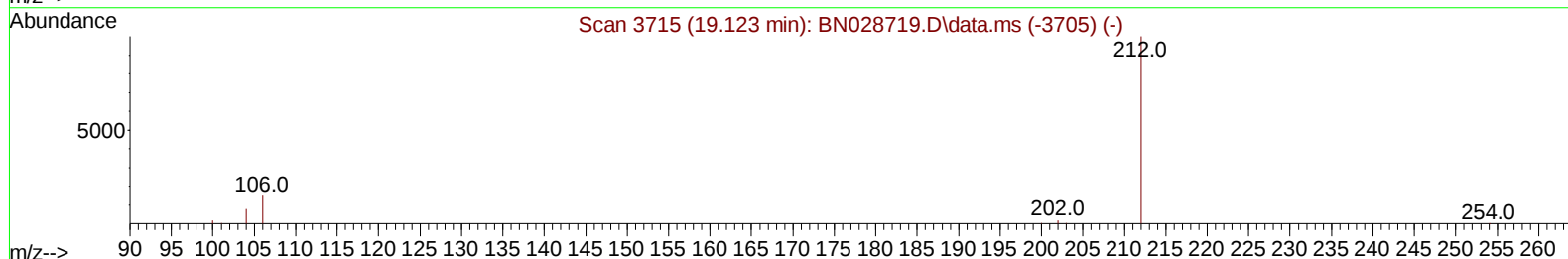
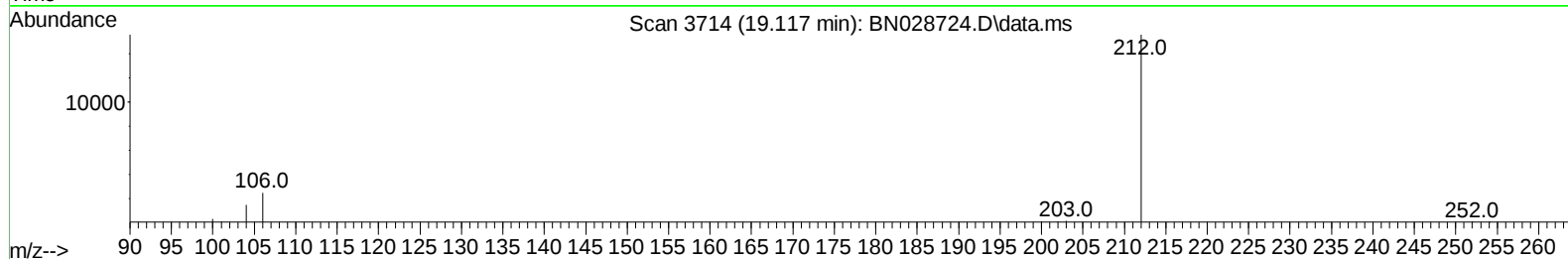
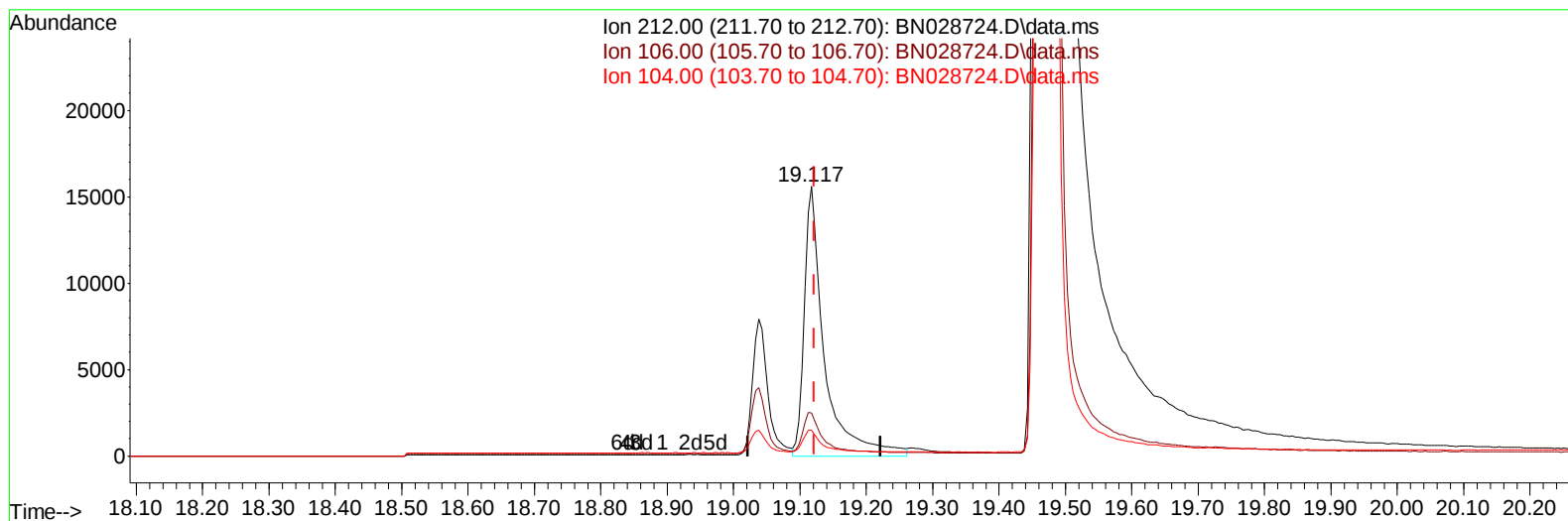
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 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: BN028724.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.117min (-0.005) 0.51 ng/ul m

response 32874

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.09#
104.00	8.30	0.02#
0.00	0.00	0.00

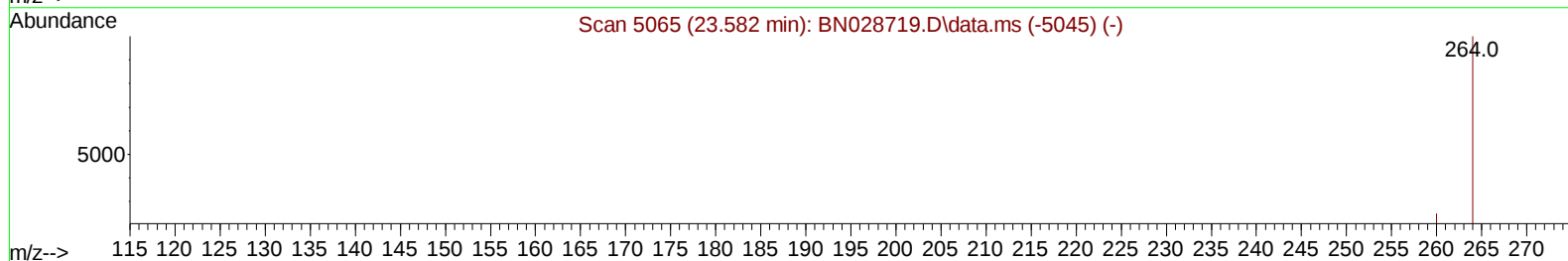
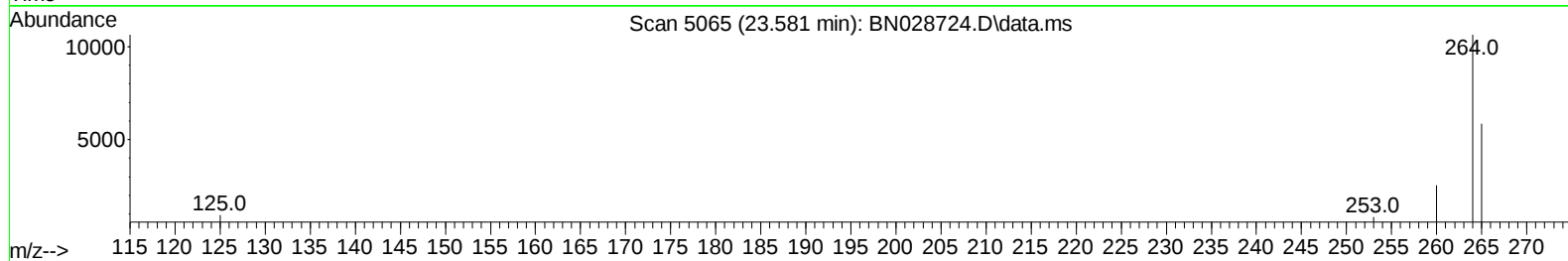
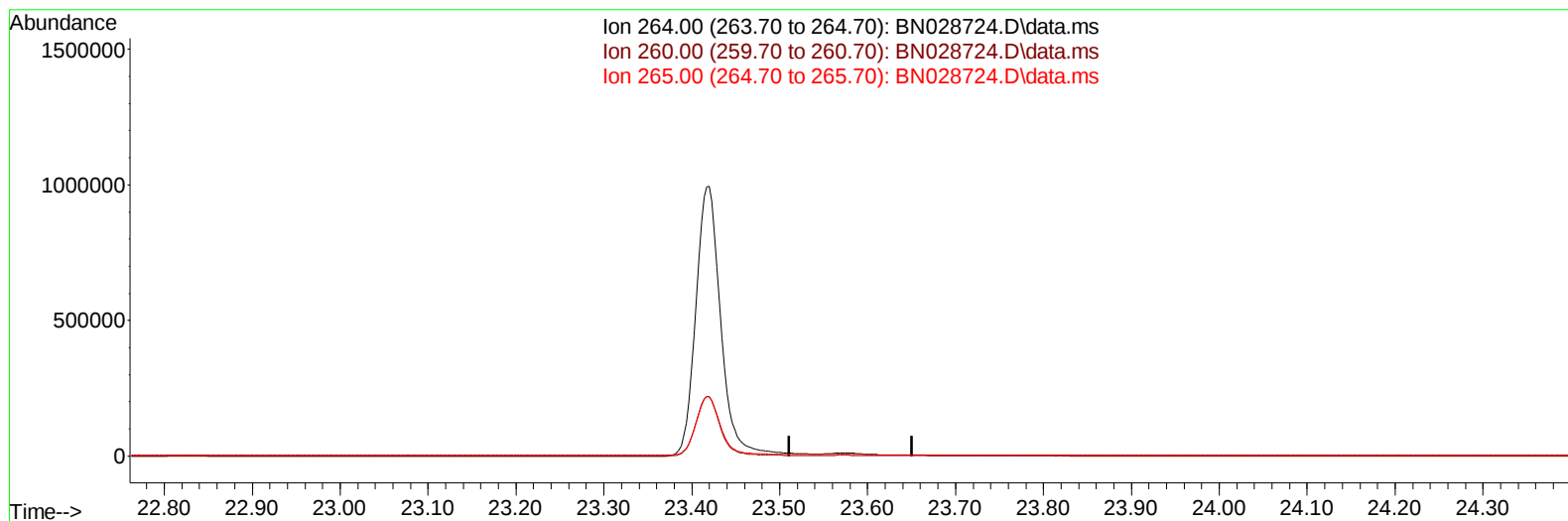
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

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TIC: BN028724.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

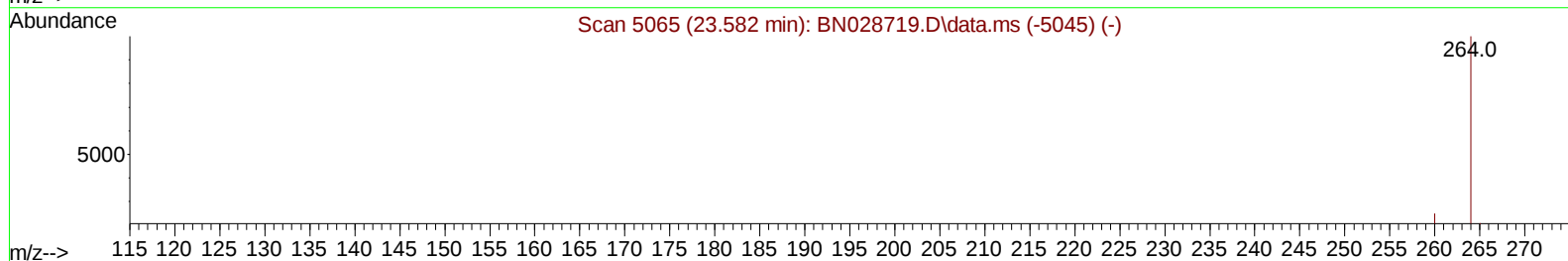
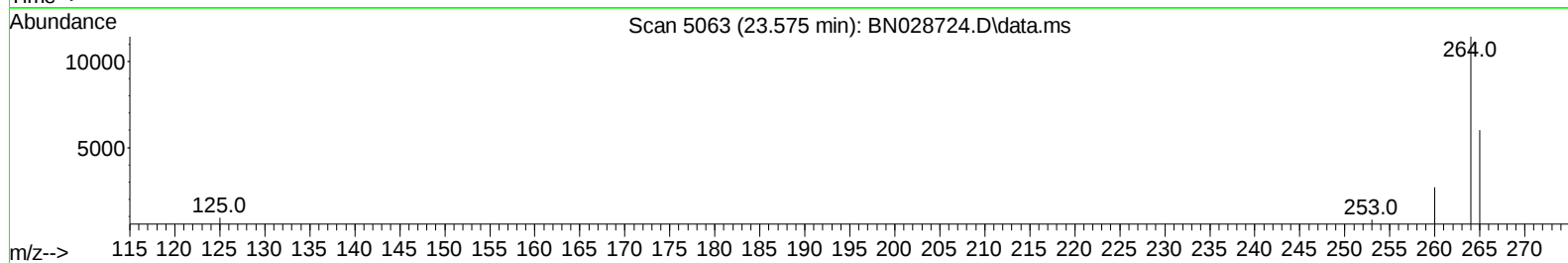
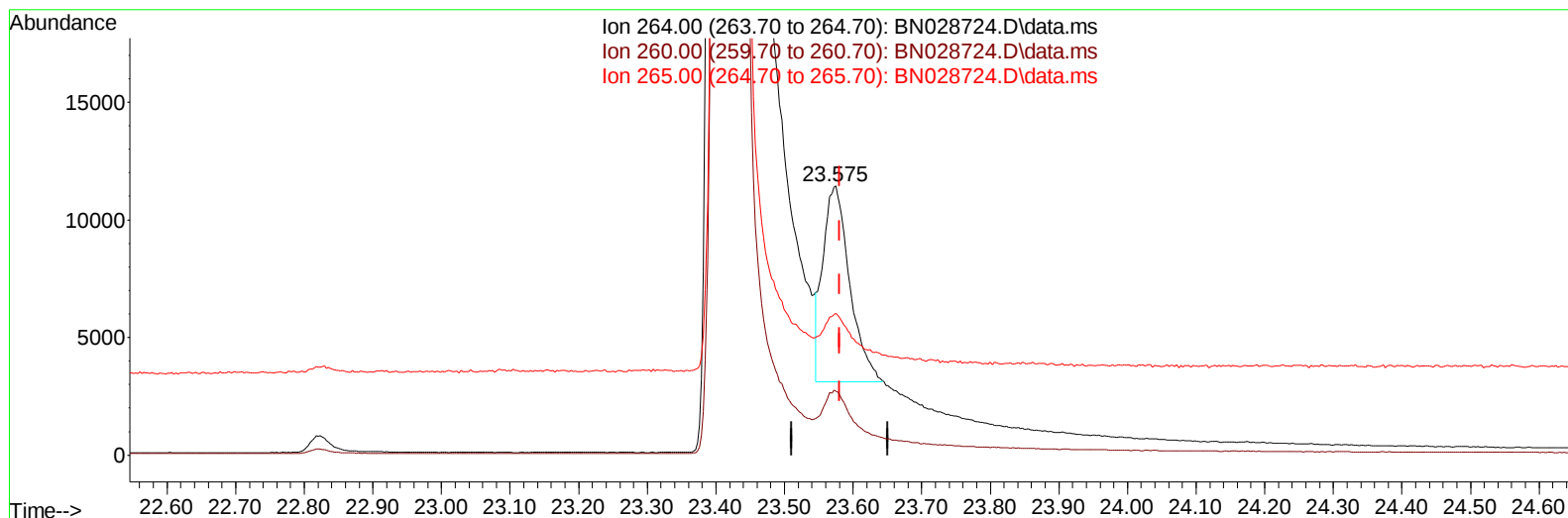
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028724.D
Acq On : 18 Nov 2023 05:43
Operator : MA/JU
Sample : 05369-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN0

Manual IntegrationsAPPROVED

Quant Time: Nov 18 11:40:08 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: BN028724.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response 22500

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	23.65
265.00	38.80	52.65#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028724.D
 Acq On : 18 Nov 2023 05:43
 Operator : MA/JU
 Sample : 05369-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN0

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	5845m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.479	136	27015m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.321	164	14879m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	28403m	0.400	ng/ul	0.00
17) Chrysene-d12	21.301	240	20023m	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	22500m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	35740	5.533	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.134	152	6747m	0.166	ng/ul	0.02
18) Fluoranthene-d10	19.117	212	32874m	0.510	ng/ul	0.00

Target Compounds Qvalue

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

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