

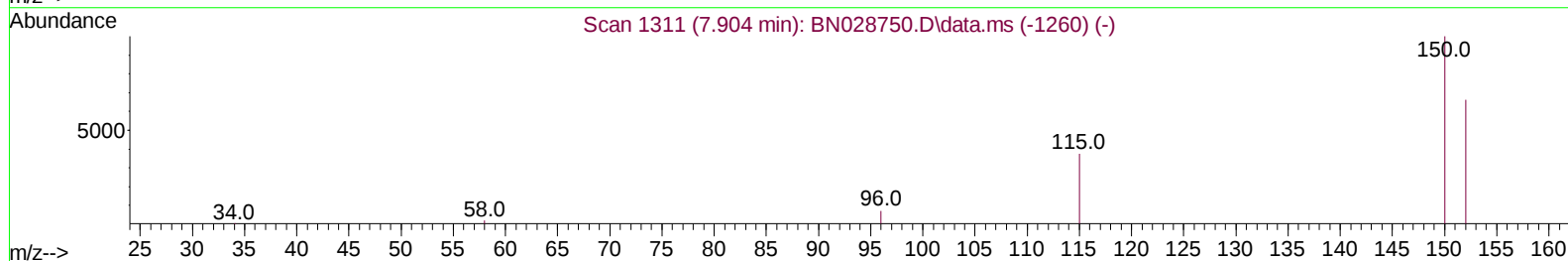
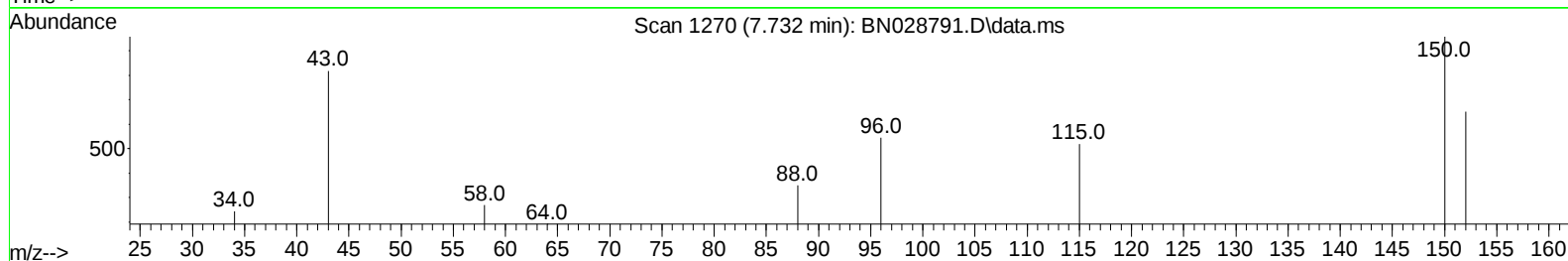
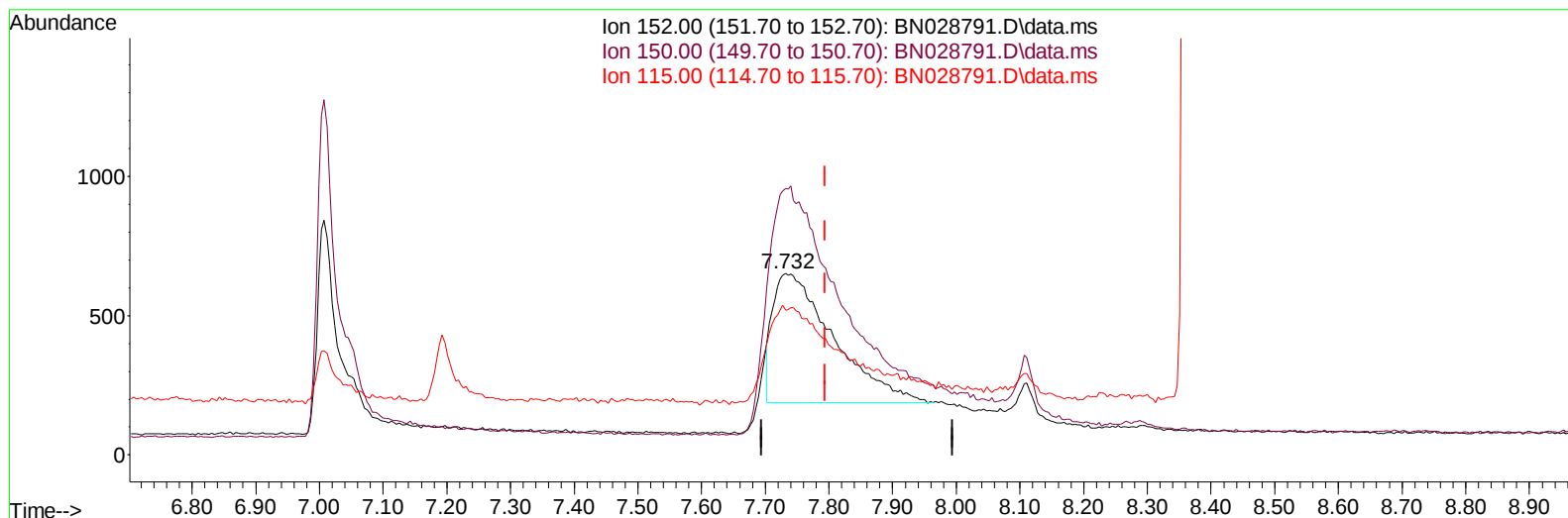
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028791.D
Acq On : 20 Nov 2023 00:12
Operator : MA/JU
Sample : 05174-22
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 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: BN028791.D\data.ms

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

7.732min (-0.063) 0.40 ng/u1

response 3062

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	146.78
115.00	62.20	79.75#
0.00	0.00	0.00

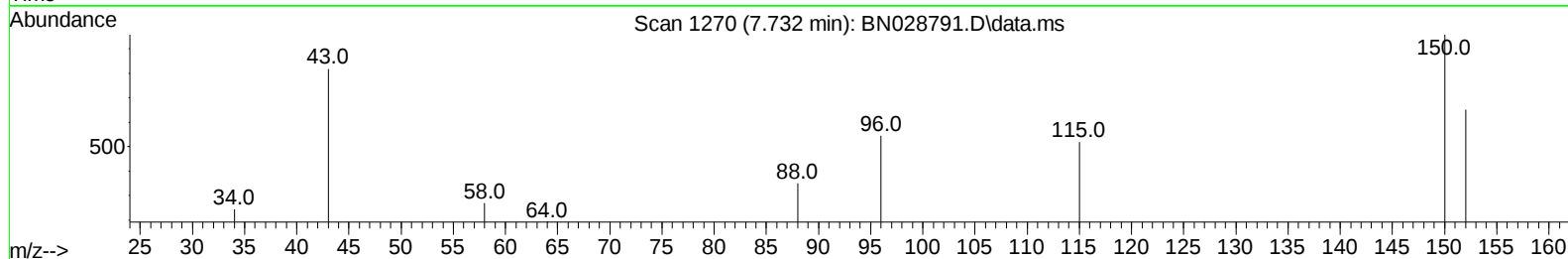
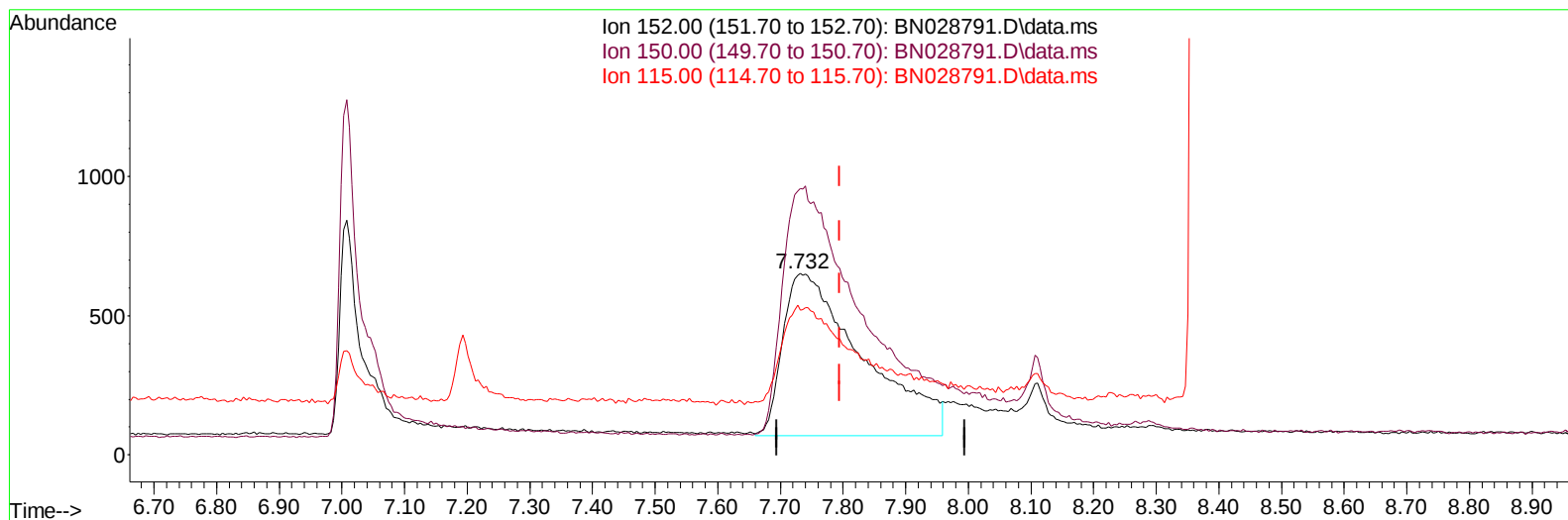
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028791.D
Acq On : 20 Nov 2023 00:12
Operator : MA/JU
Sample : 05174-22
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028791.D\data.ms

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

7.732min (-0.063) 0.40 ng/ul m

response 5178

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	146.78
115.00	62.20	79.75#
0.00	0.00	0.00

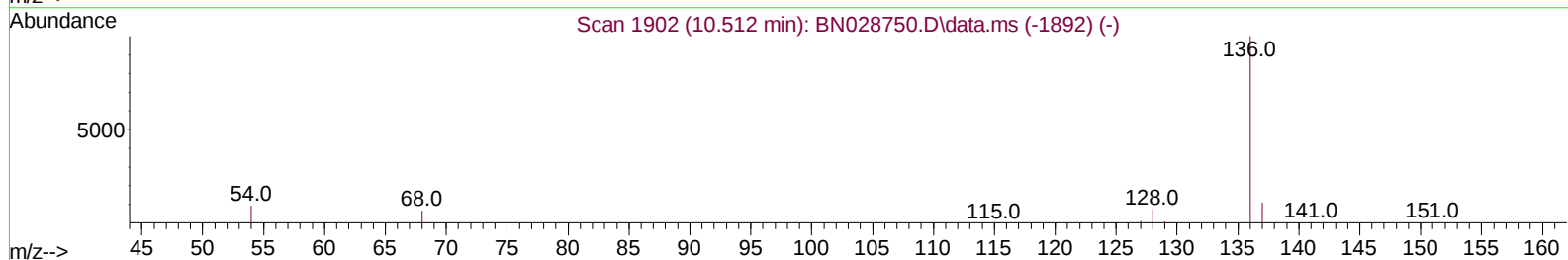
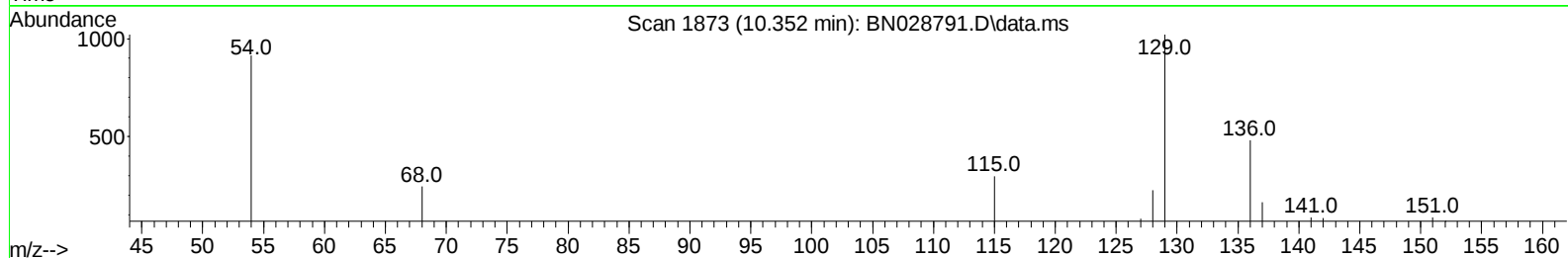
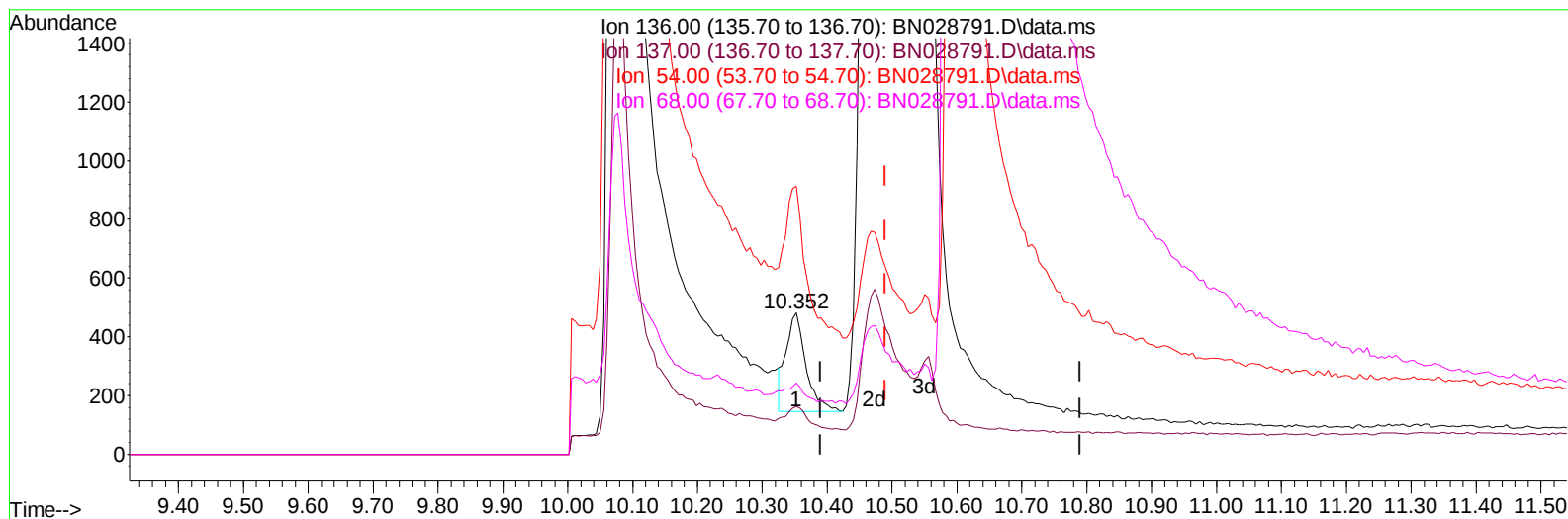
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028791.D
Acq On : 20 Nov 2023 00:12
Operator : MA/JU
Sample : 05174-22
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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QLast Update : Mon Nov 20 01:23:26 2023
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TIC: BN028791.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.138) 0.40 ng/u1

response 712

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	34.02#
54.00	9.00	189.63#
68.00	7.10	50.62#

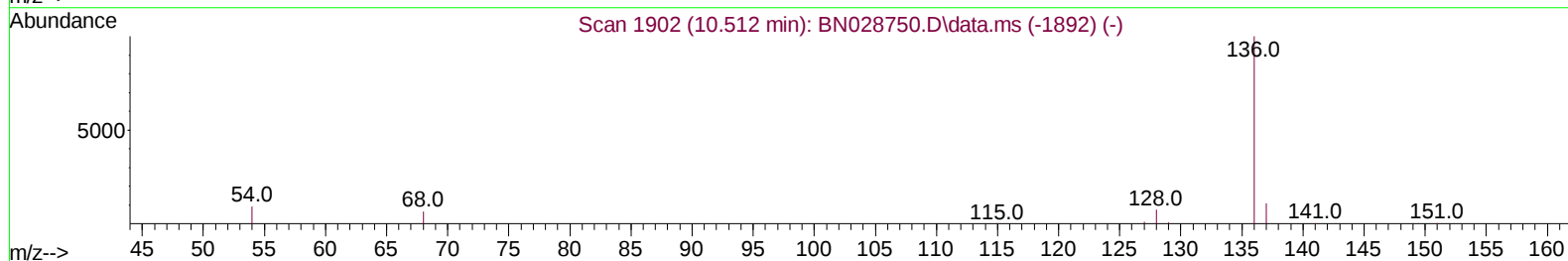
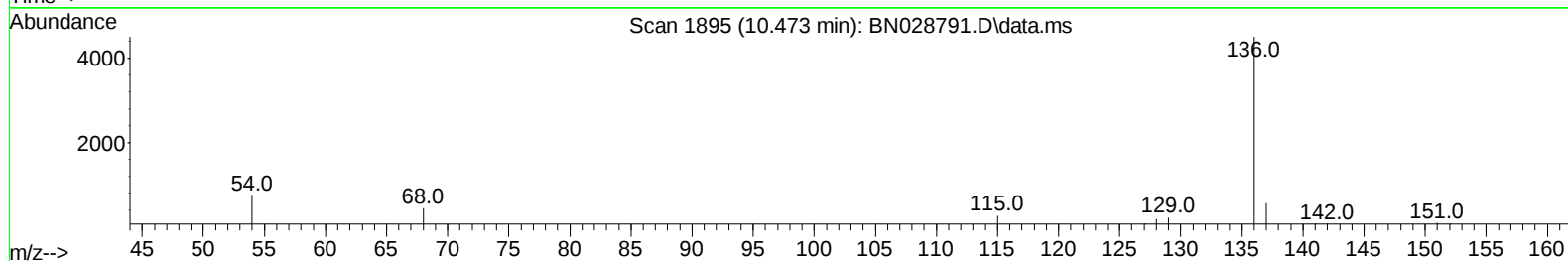
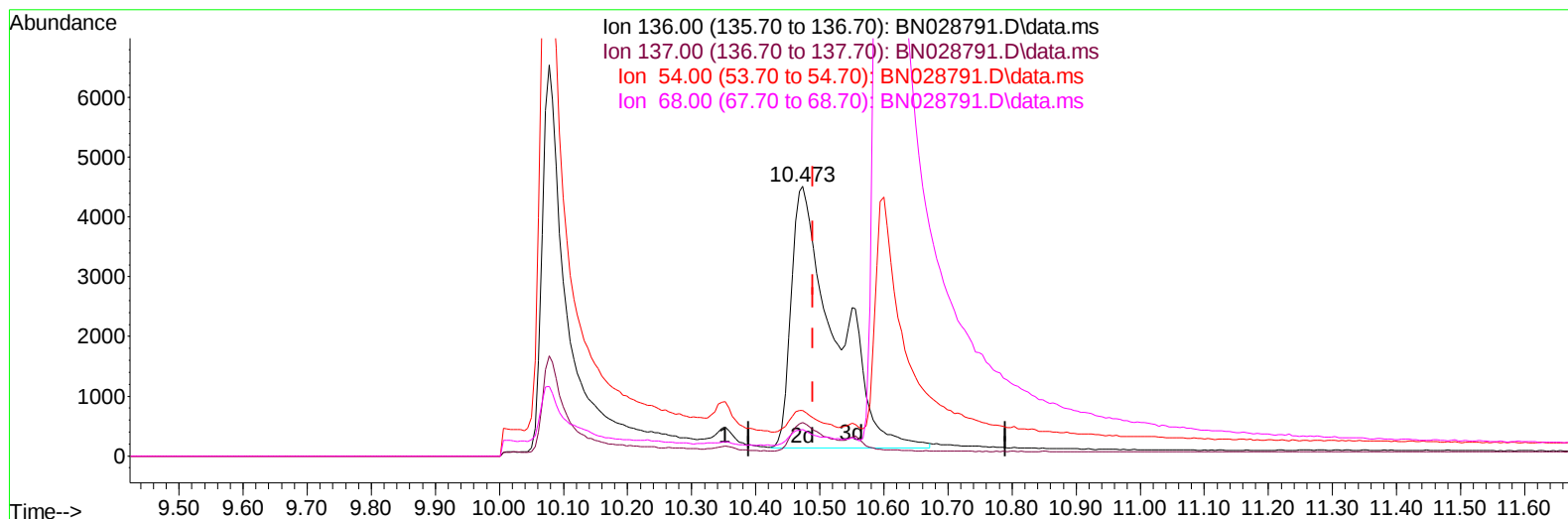
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
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TIC: BN028791.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.017) 0.40 ng/ul m

response 20814

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	12.44
54.00	9.00	16.77#
68.00	7.10	9.71#

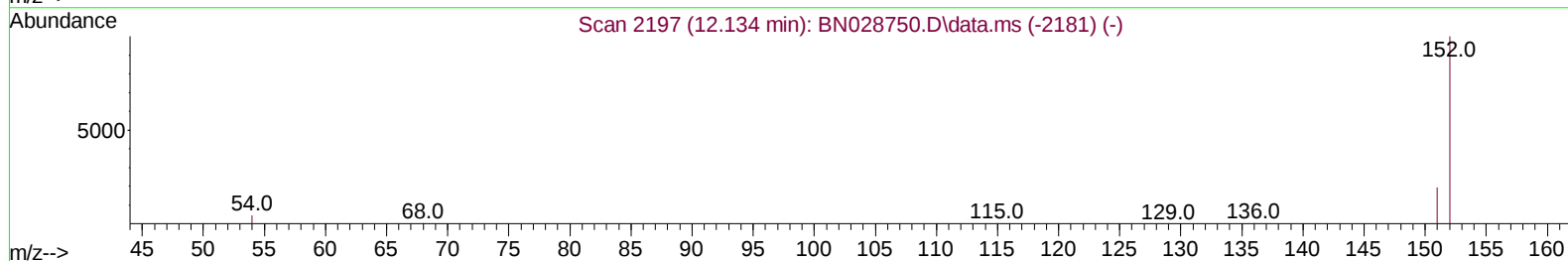
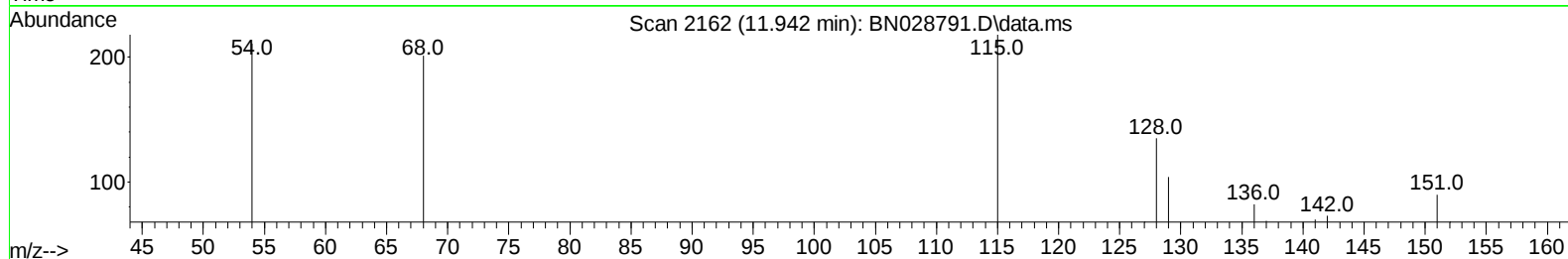
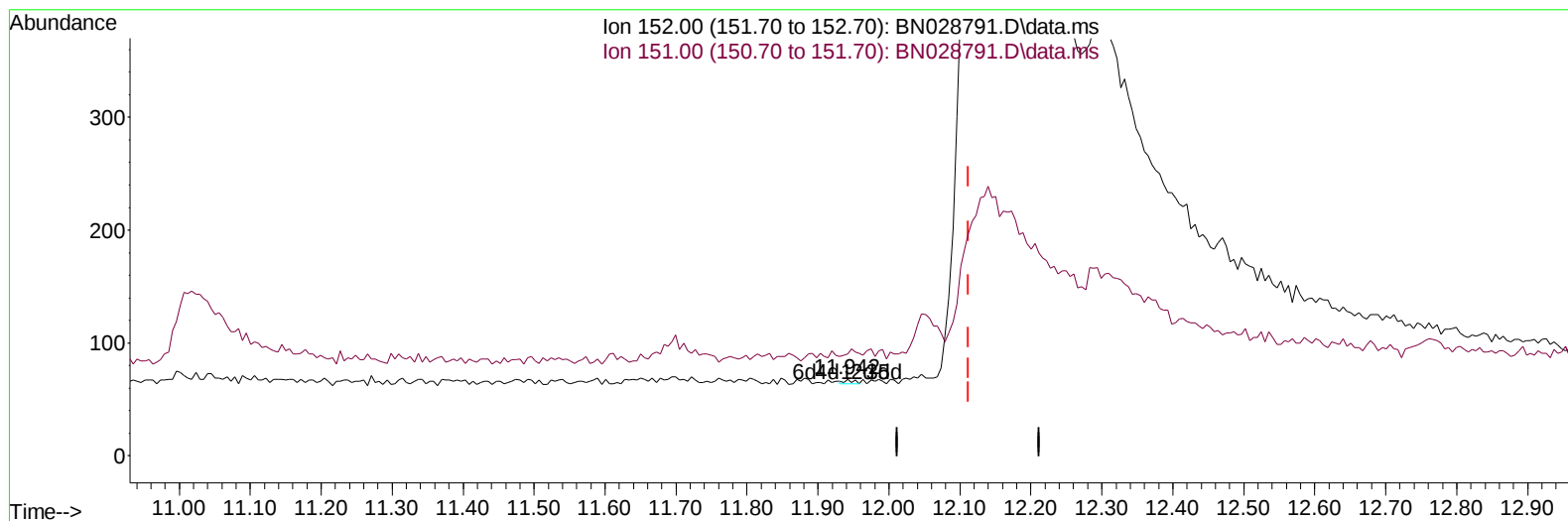
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

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TIC: BN028791.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.942min (-0.171) 0.00 ng/u1

response 3

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	300.00#
0.00	0.00	0.00
0.00	0.00	0.00

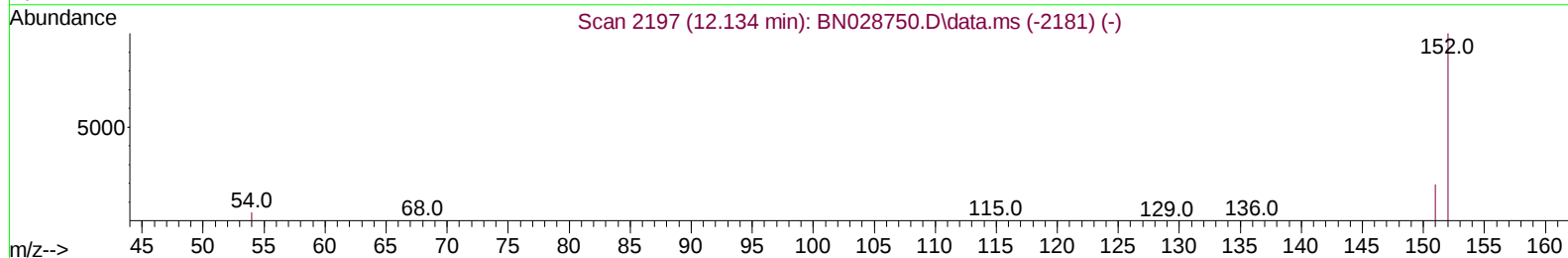
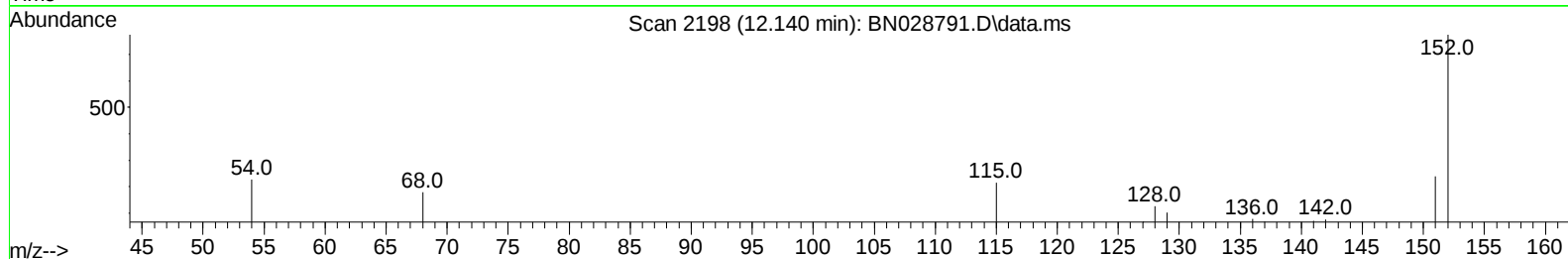
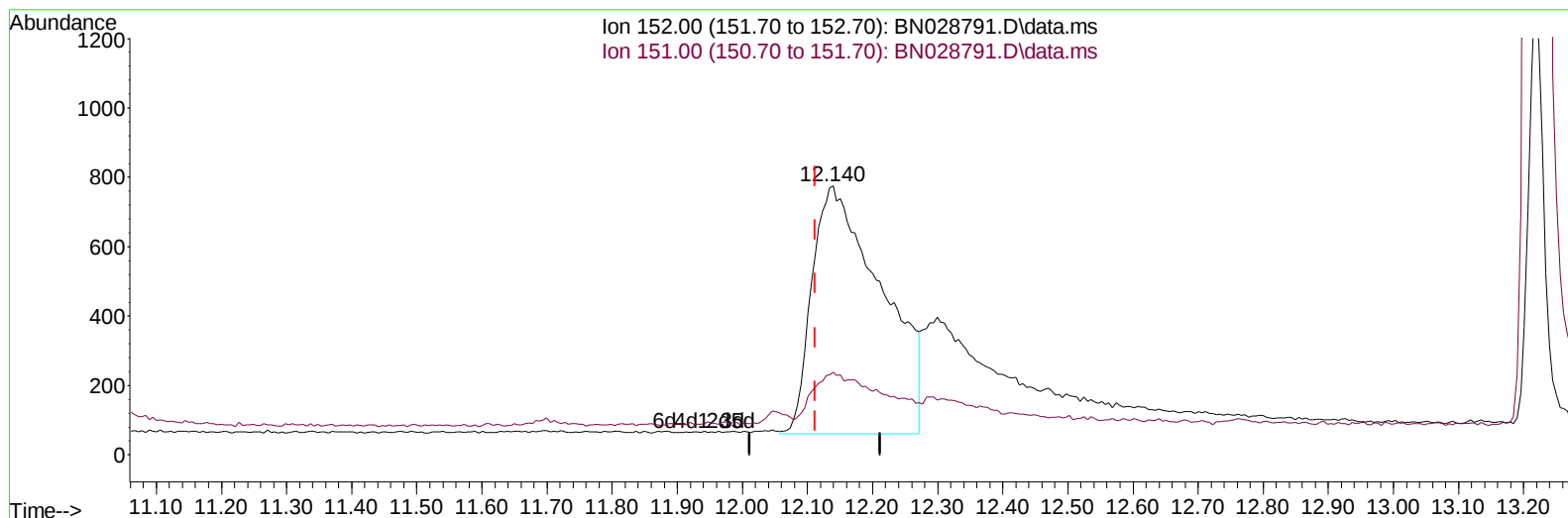
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 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

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TIC: BN028791.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.140min (+ 0.027) 0.17 ng/ul m

response 5311

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	0.17#
0.00	0.00	0.00
0.00	0.00	0.00

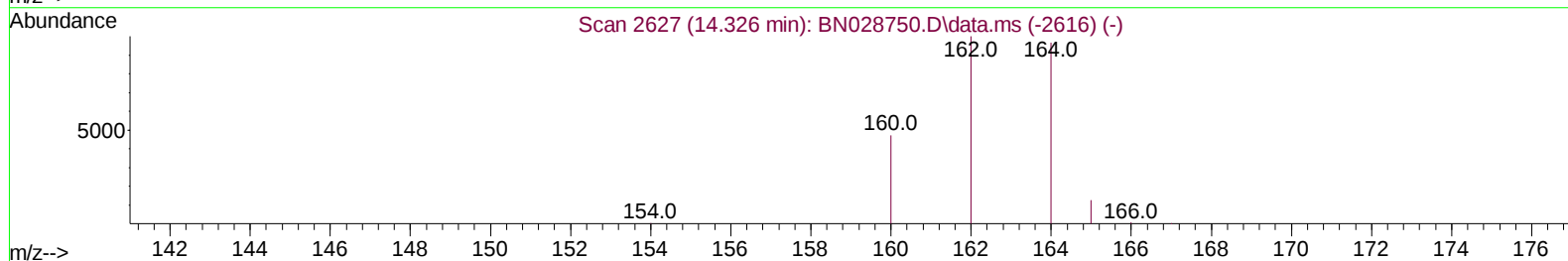
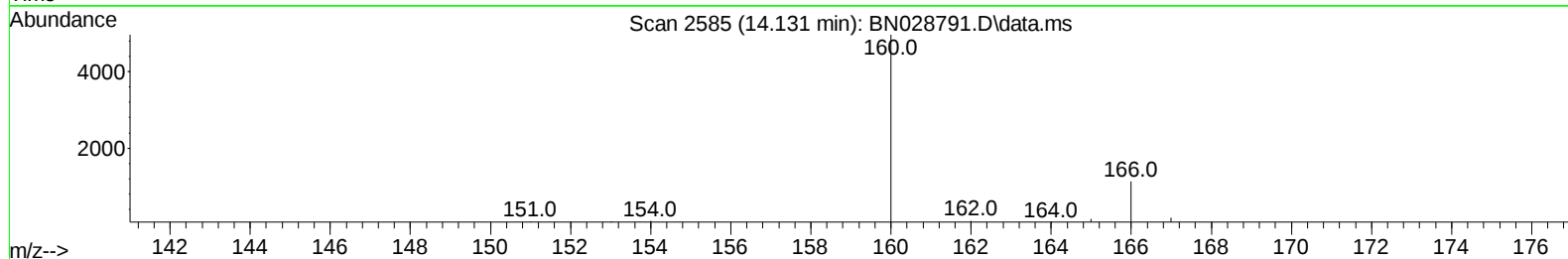
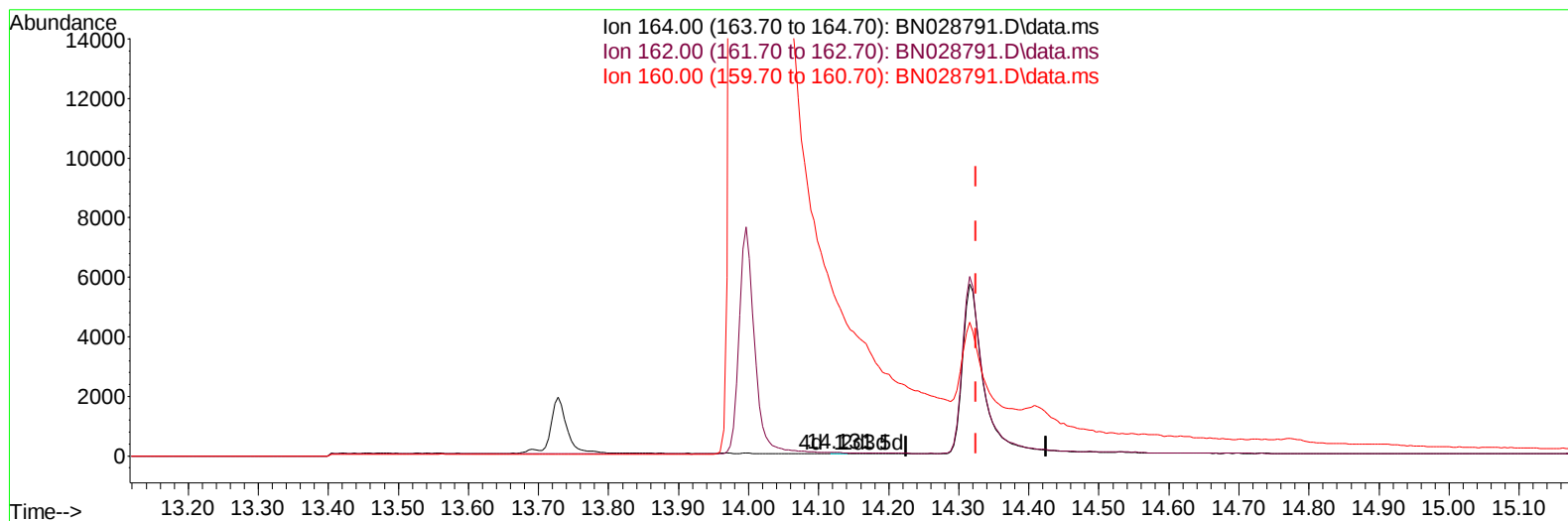
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

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TIC: BN028791.D\data.ms

(9) Acenaphthene-d10 (I)

14.131min (-0.194) 0.40 ng/u1

response 4

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	139.74#
160.00	49.20	6357.69#
0.00	0.00	0.00

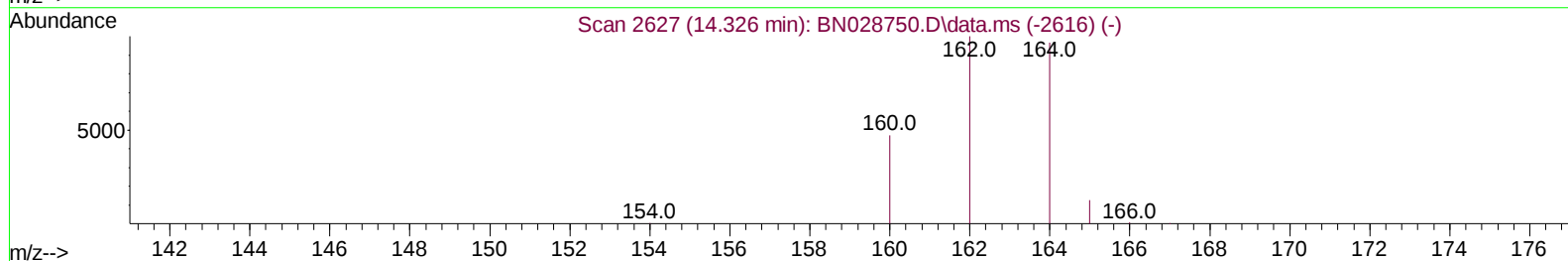
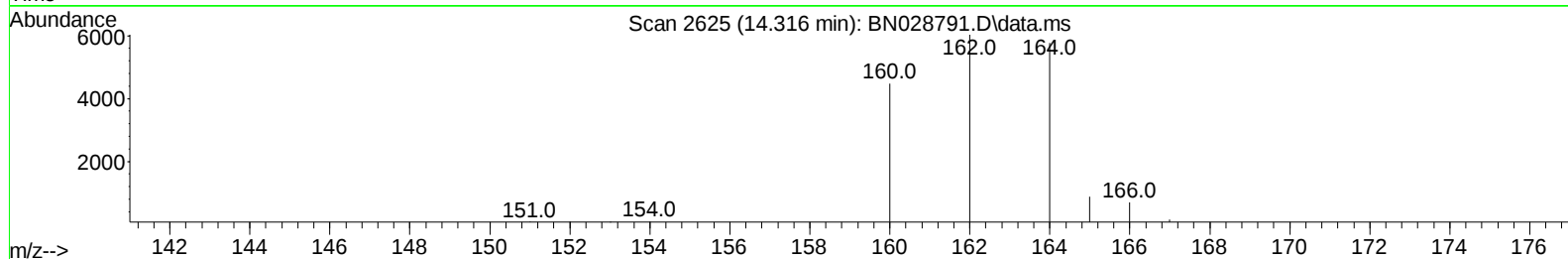
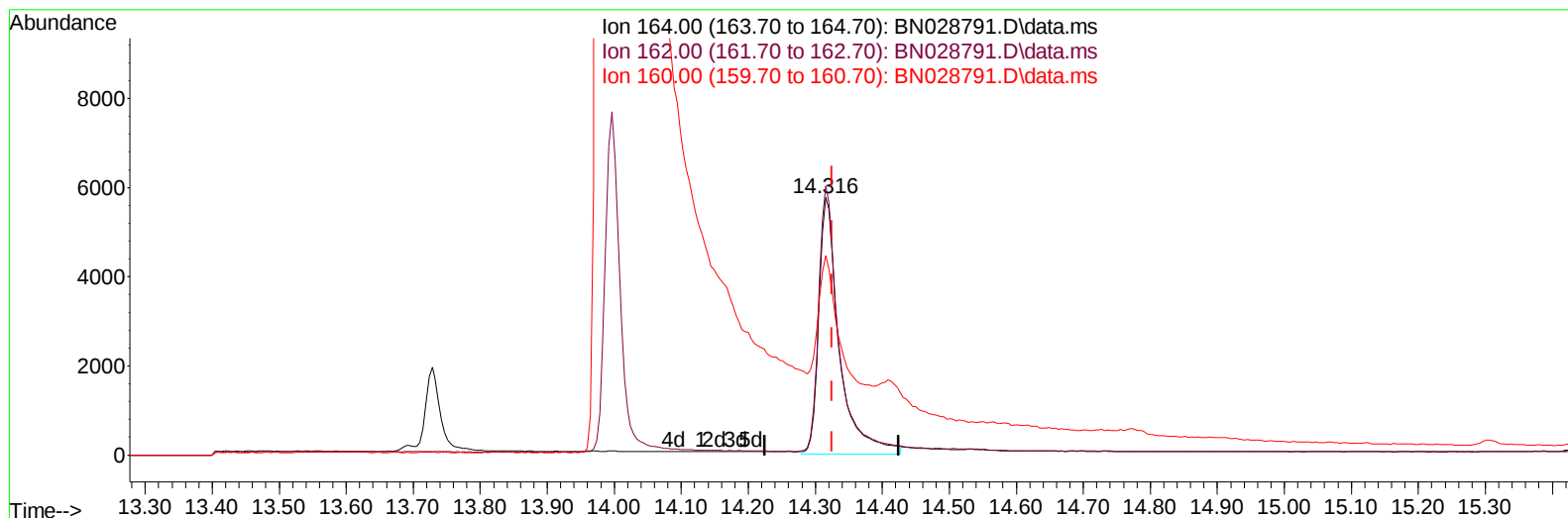
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN028791.D\data.ms

(9) Acenaphthene-d10 (I)

14.316min (-0.009) 0.40 ng/u1 m

response 12228

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	104.43
160.00	49.20	77.55#
0.00	0.00	0.00

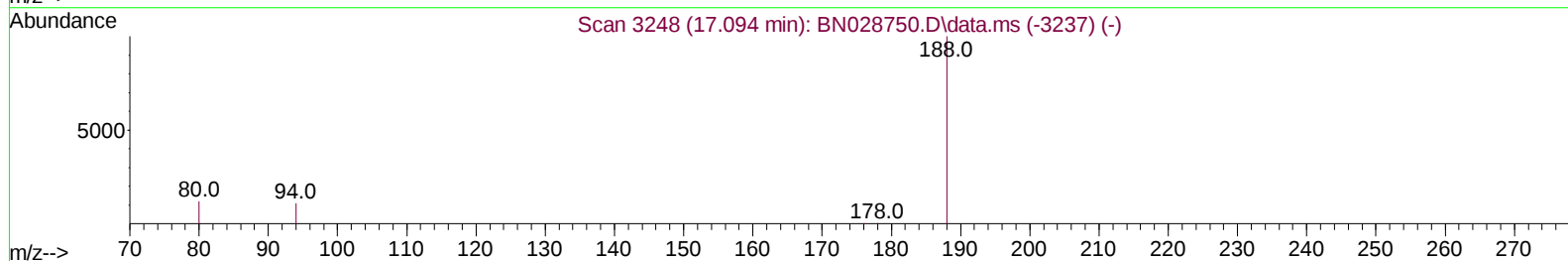
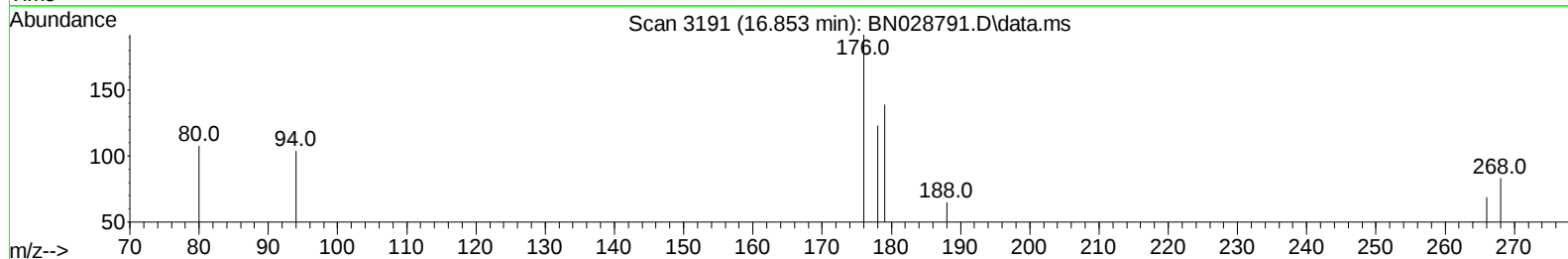
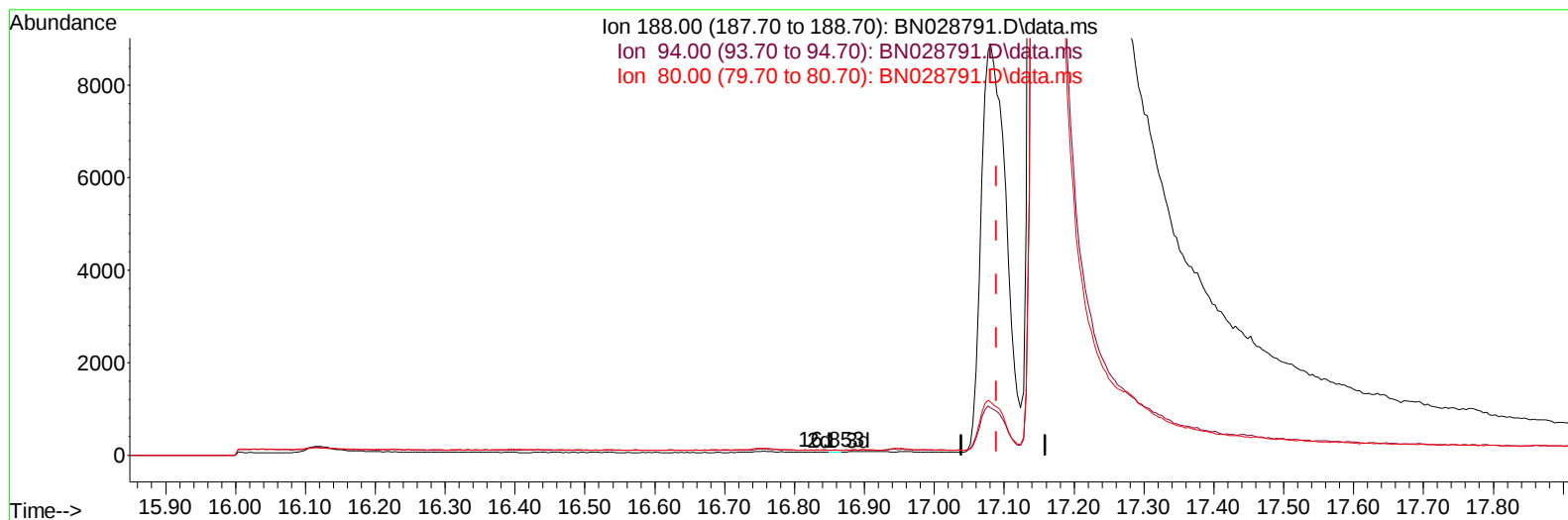
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 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
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TIC: BN028791.D\data.ms

(13) Phenanthrene-d10 (I)

16.853min (-0.236) 0.40 ng/u1

response 4

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	160.00#
80.00	10.90	166.15#
0.00	0.00	0.00

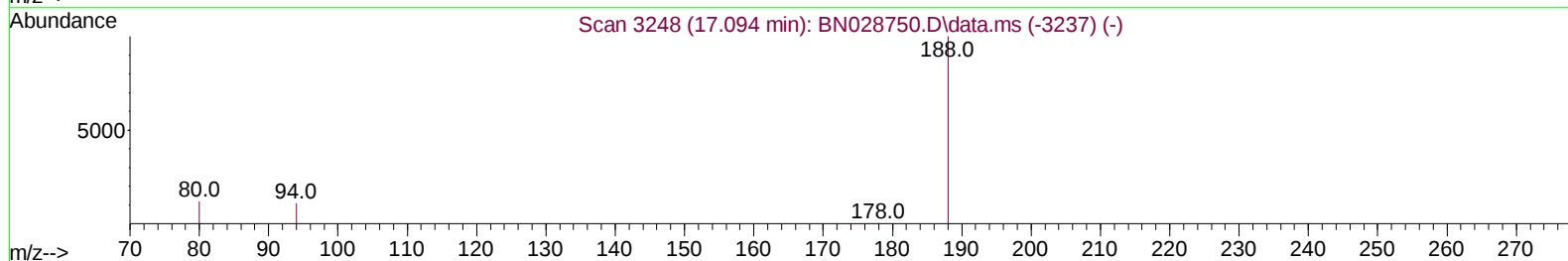
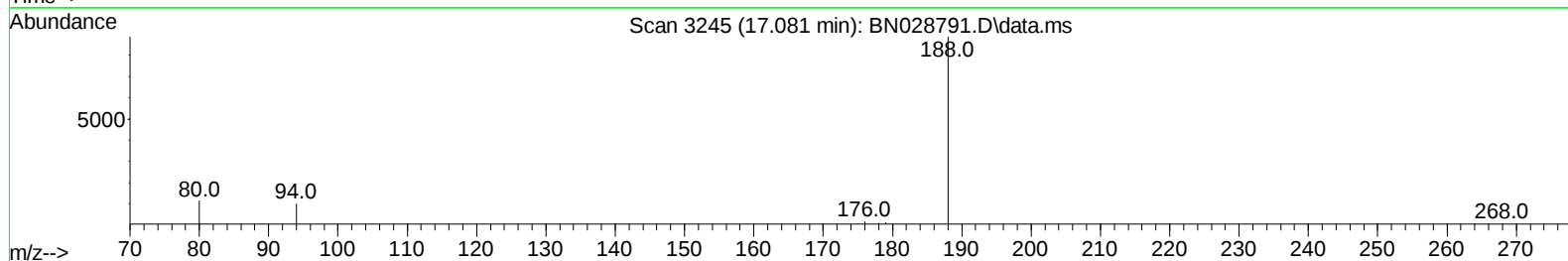
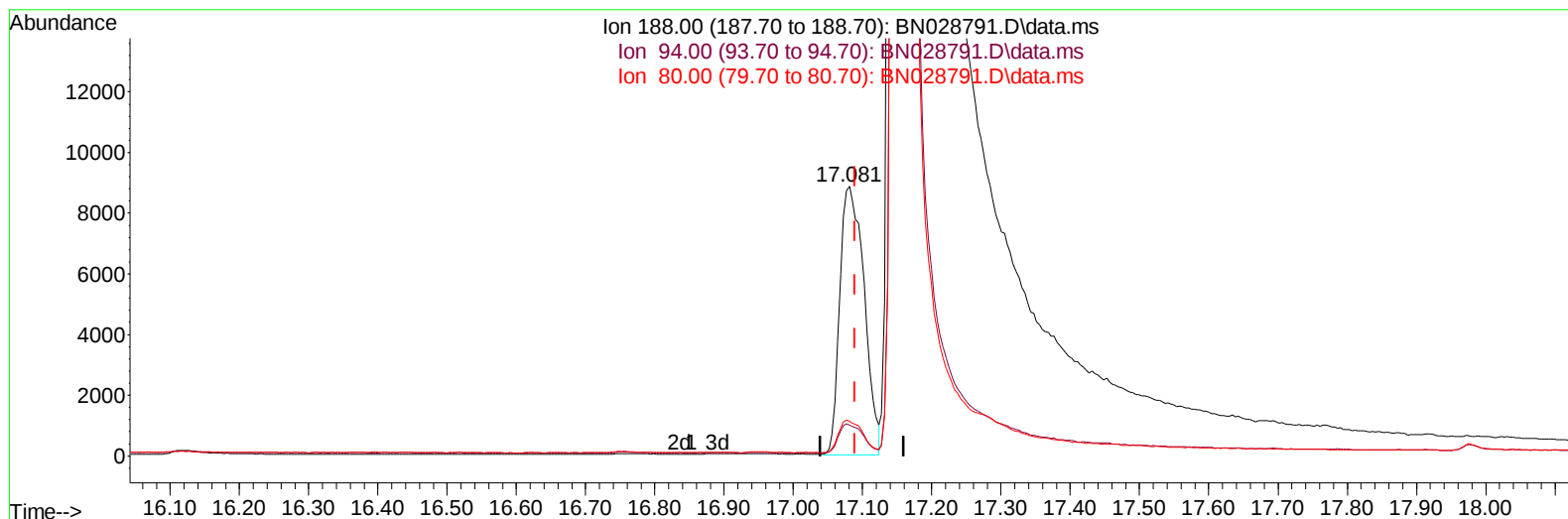
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 2023
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TIC: BN028791.D\data.ms

(13) Phenanthrene-d10 (I)

17.081min (-0.008) 0.40 ng/ul m

response 21590

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.51
80.00	10.90	12.88
0.00	0.00	0.00

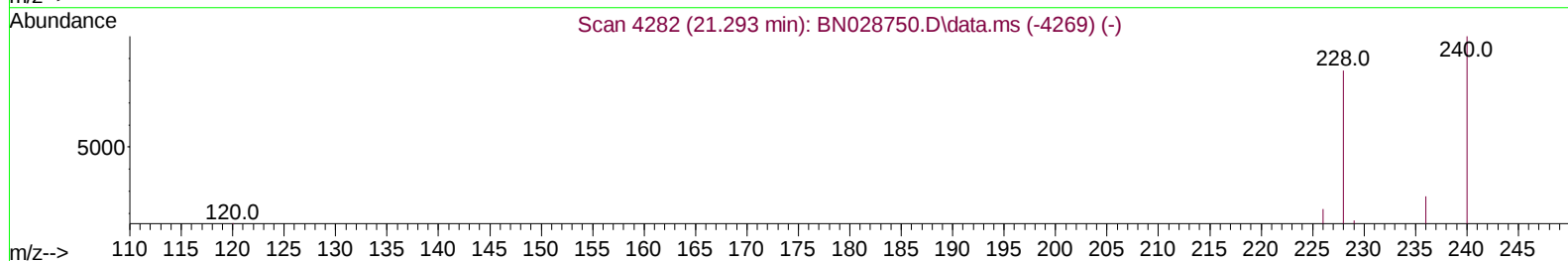
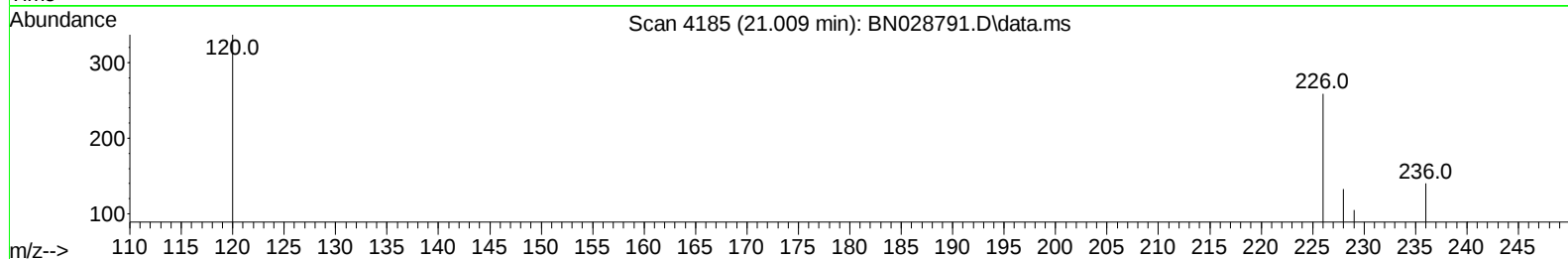
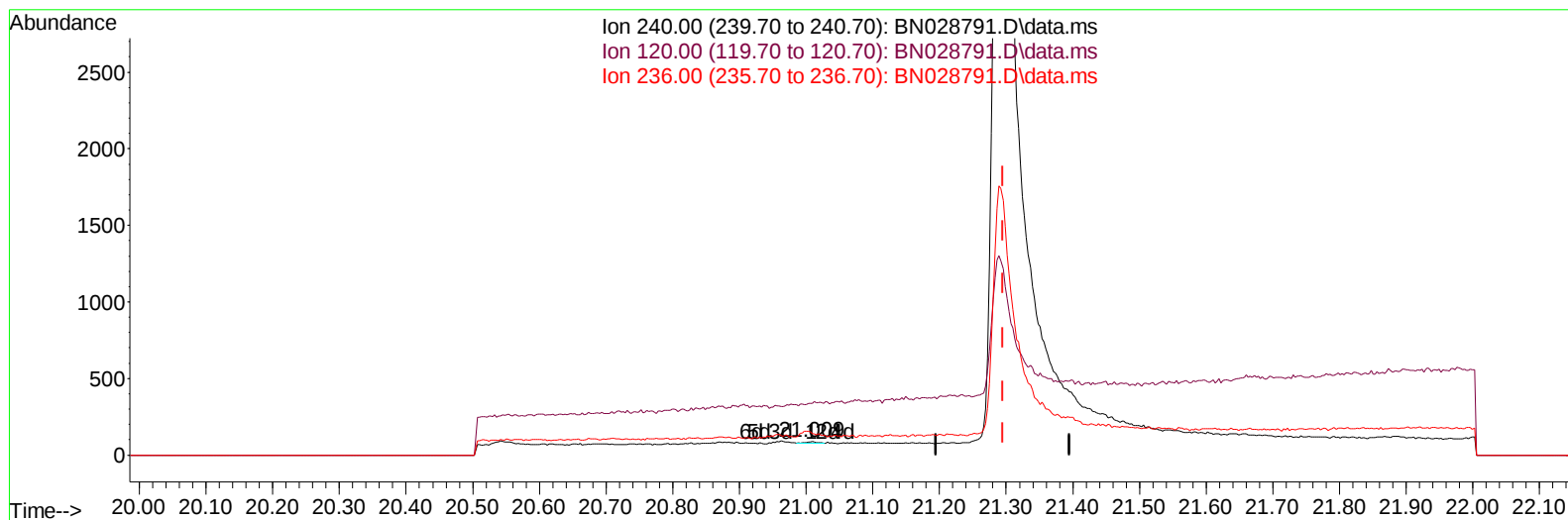
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
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 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN028791.D\data.ms

(17) Chrysene-d12

21.009min (-0.286) 0.40 ng/u1

response 17

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	378.65#
236.00	28.00	157.30#
0.00	0.00	0.00

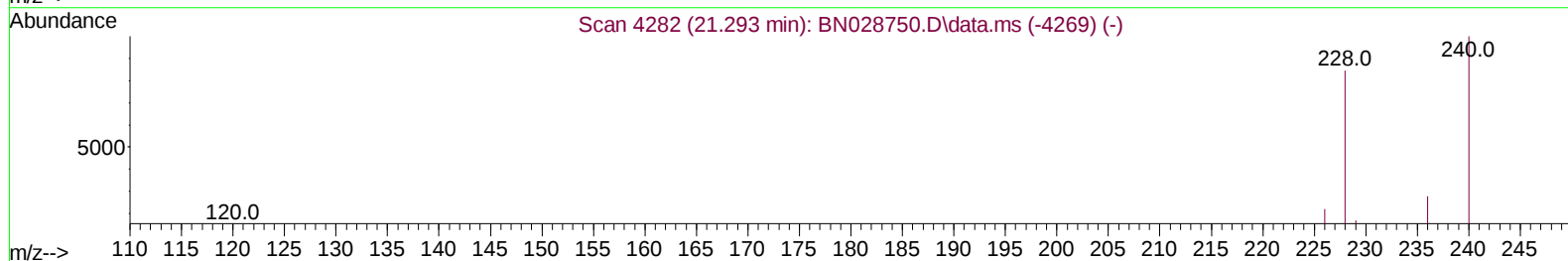
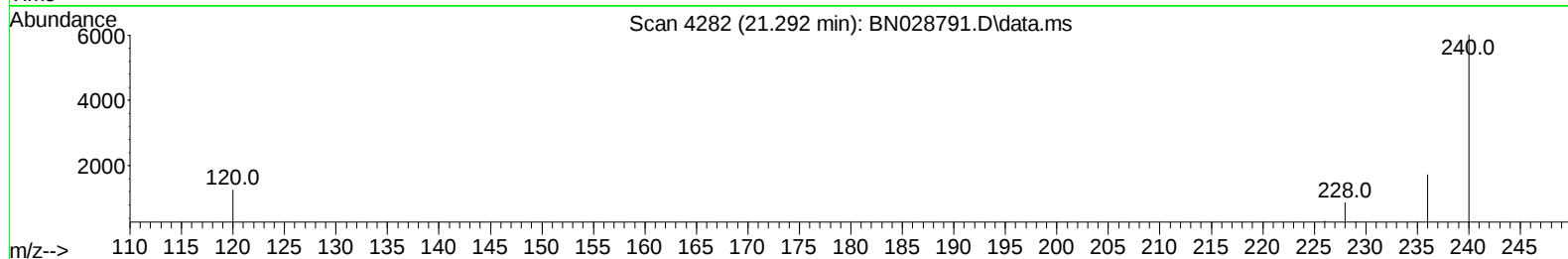
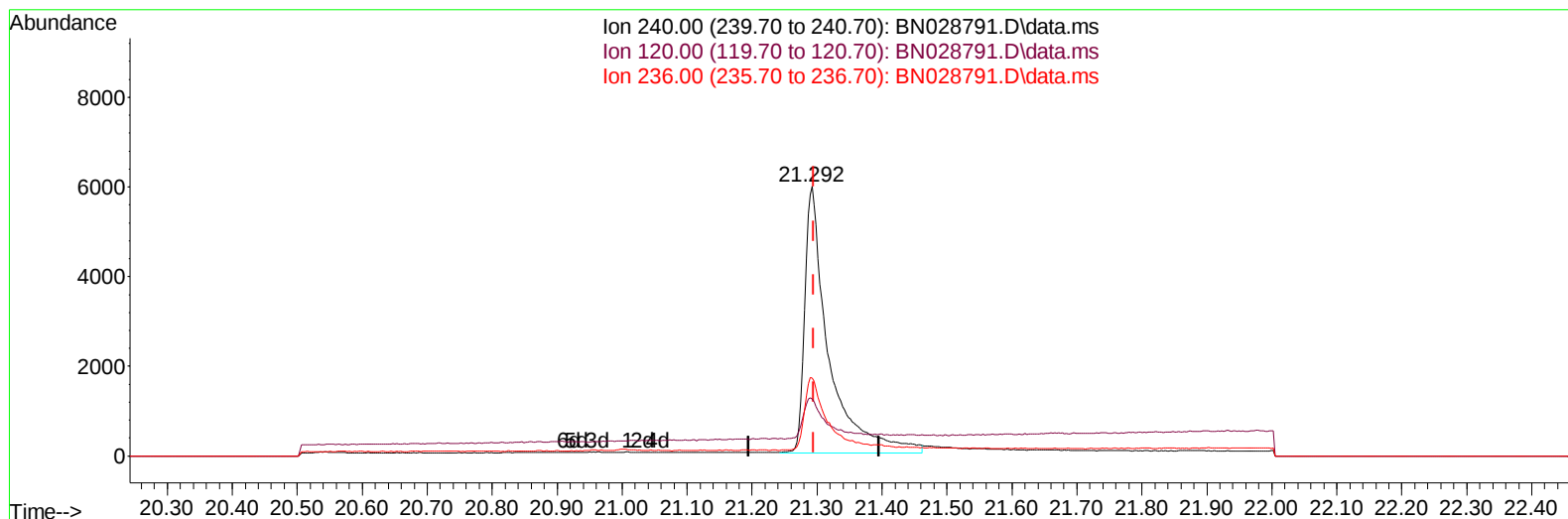
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028791.D\data.ms

(17) Chrysene-d12

21.292min (-0.003) 0.40 ng/ul m

response 15189

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	21.15#
236.00	28.00	28.99
0.00	0.00	0.00

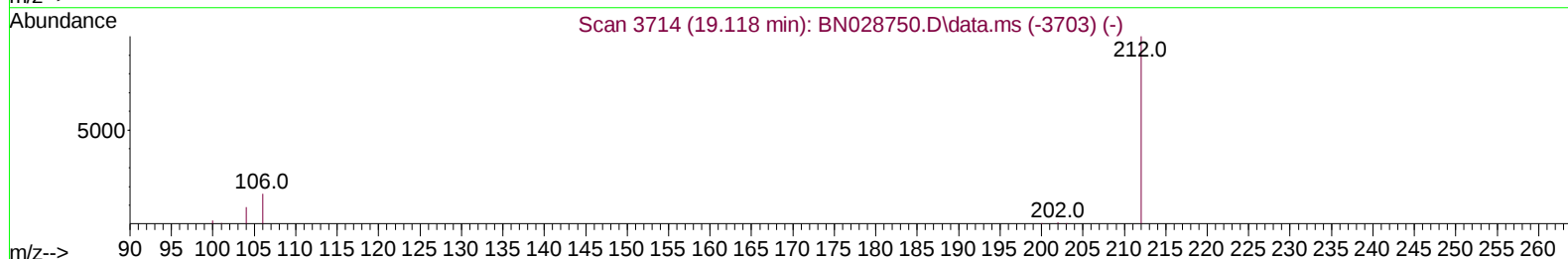
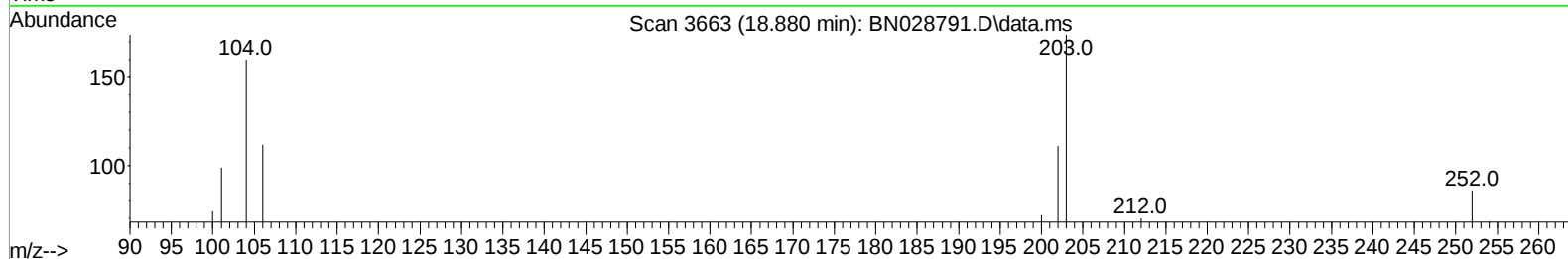
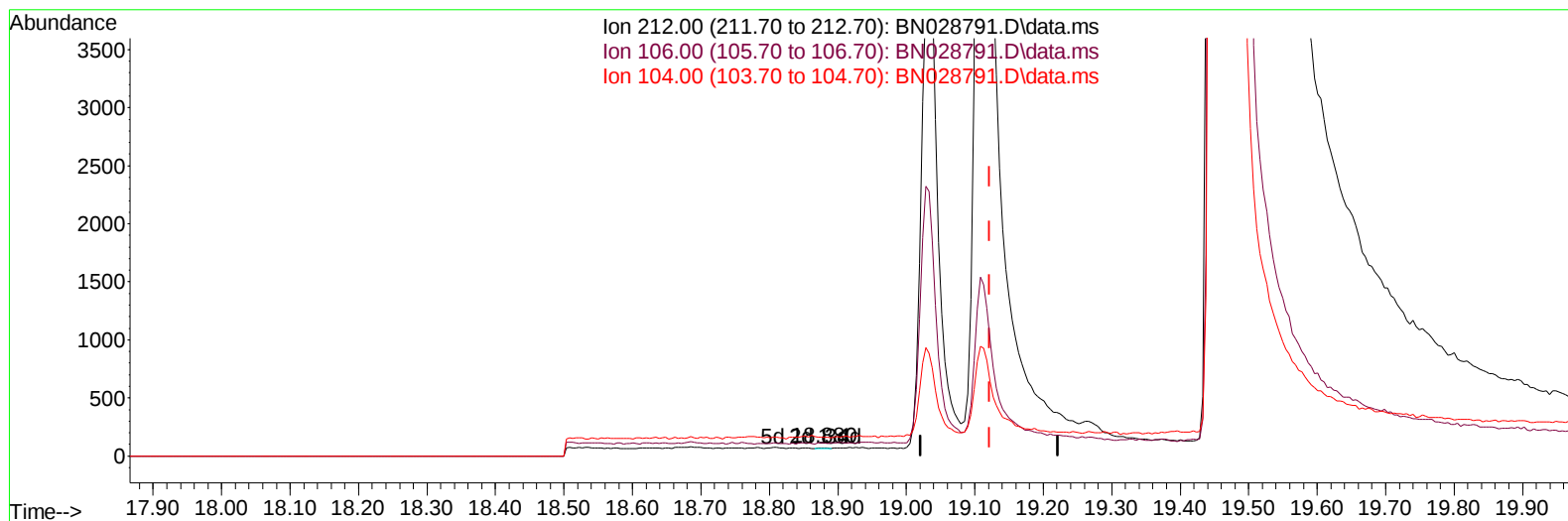
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028791.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.880min (-0.242) 0.00 ng/u1

response 5

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	200.00#
104.00	8.30	1400.00#
0.00	0.00	0.00

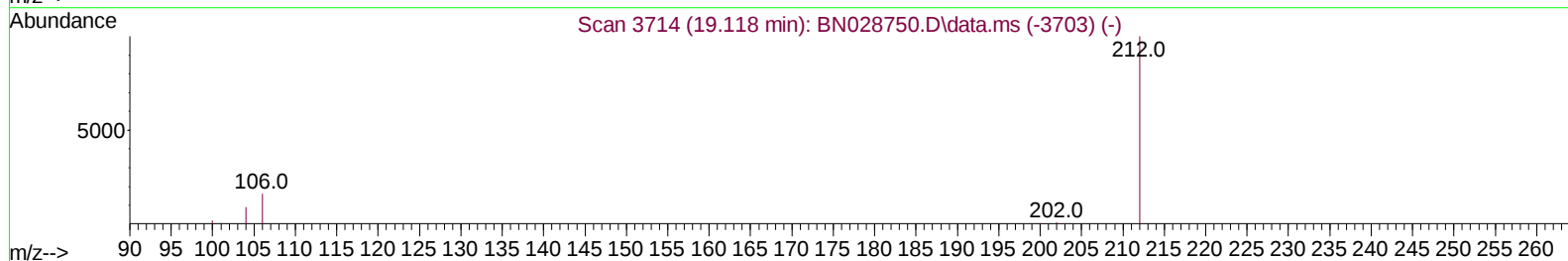
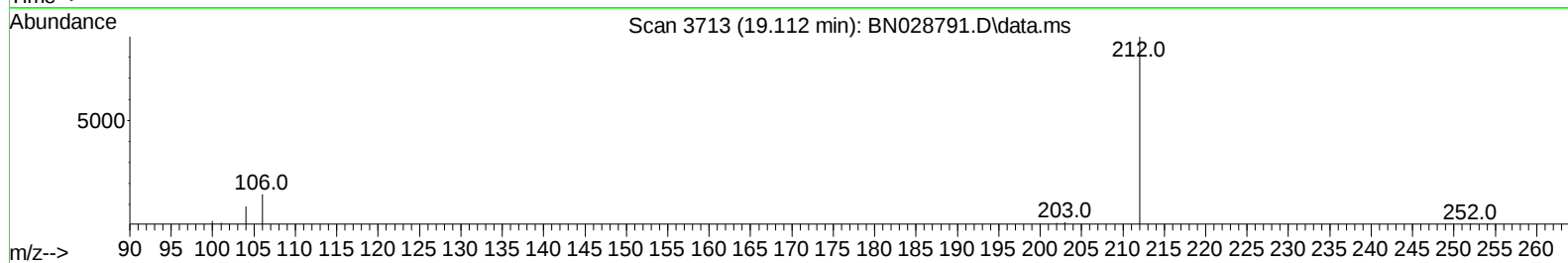
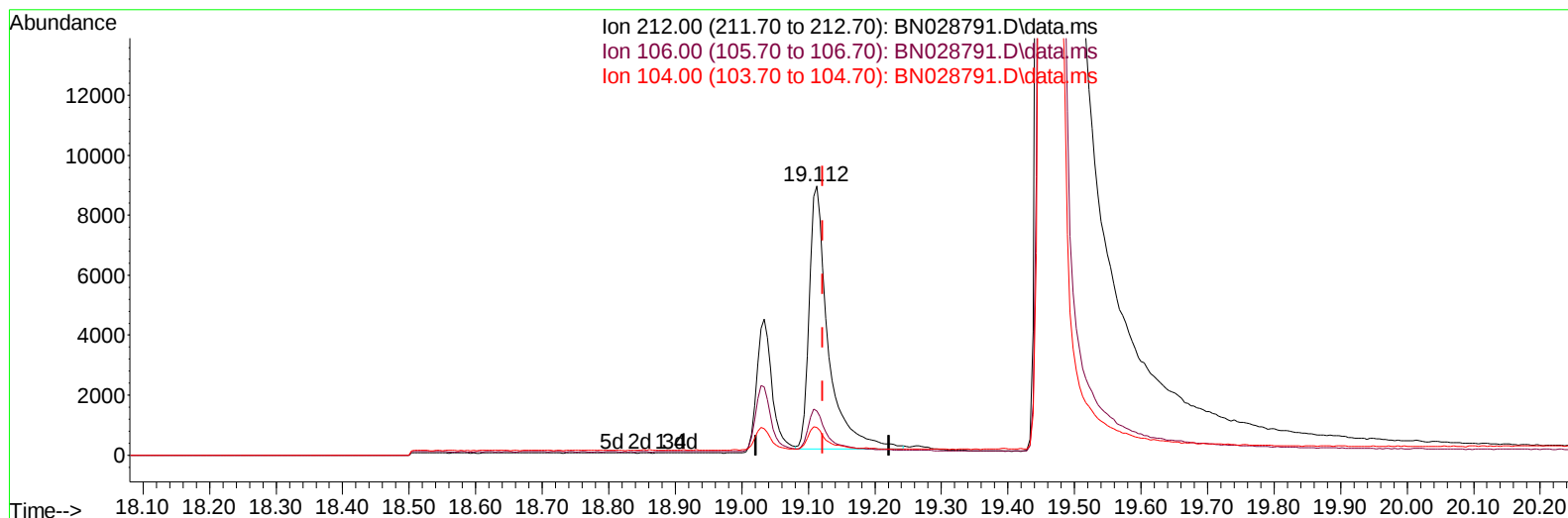
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

Quant Time: Nov 20 03:38:46 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: BN028791.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.112min (-0.009) 0.36 ng/ul m

response 17491

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.06#
104.00	8.30	0.40#
0.00	0.00	0.00

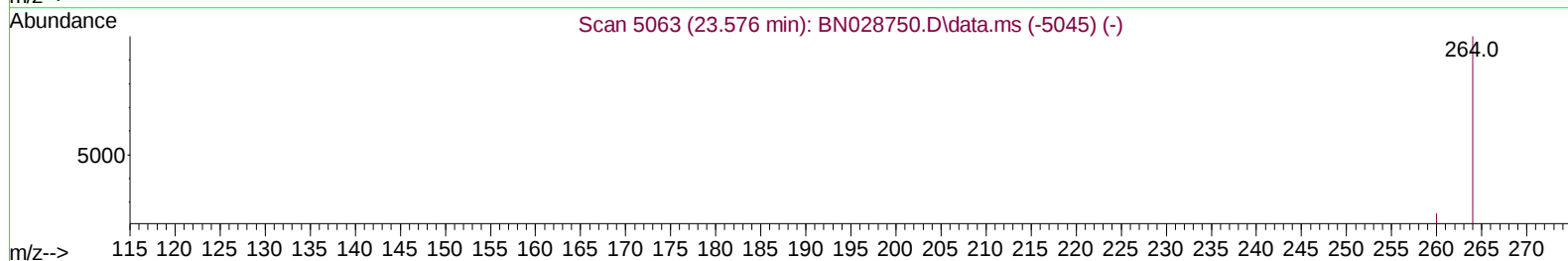
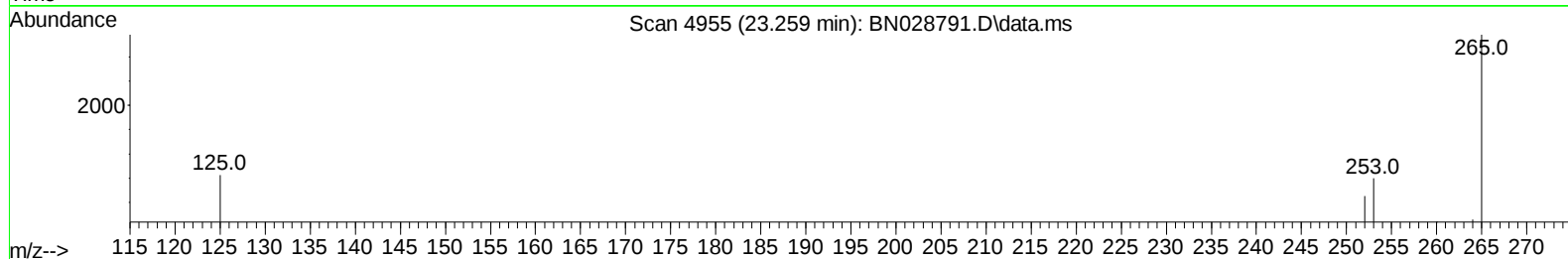
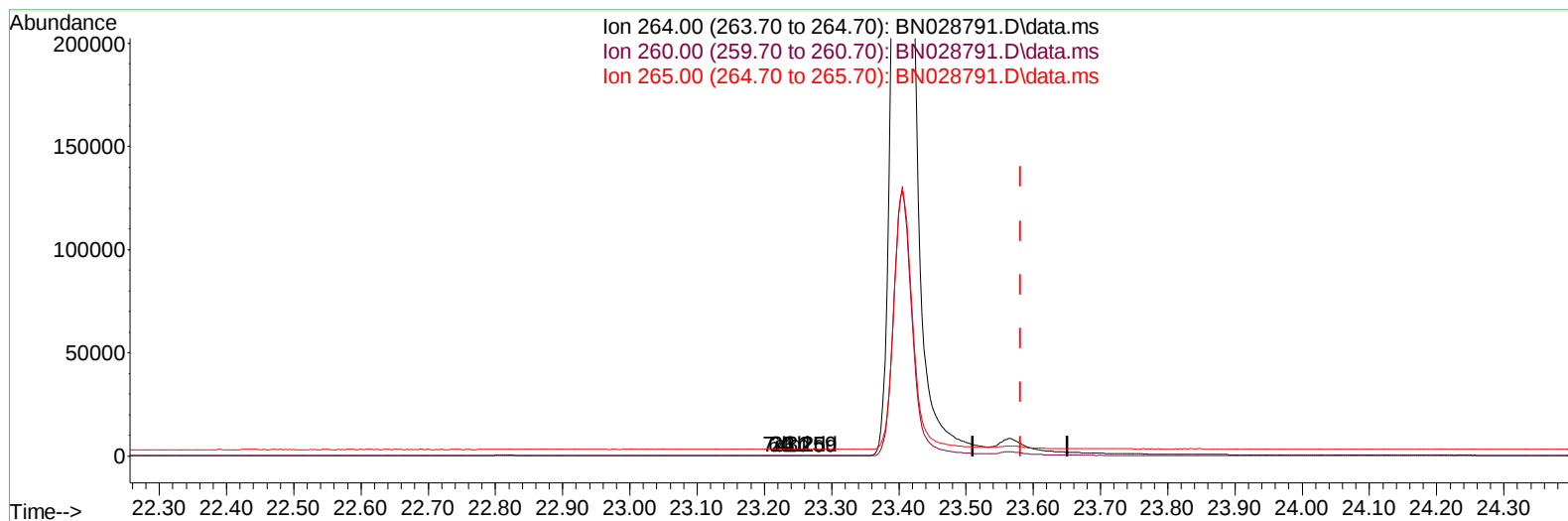
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
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TIC: BN028791.D\data.ms

(23) Perylene-d12 (I)

23.259min (-0.322) 0.40 ng/u1

response 2

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	64.60#
265.00	38.80	2801.77#
0.00	0.00	0.00

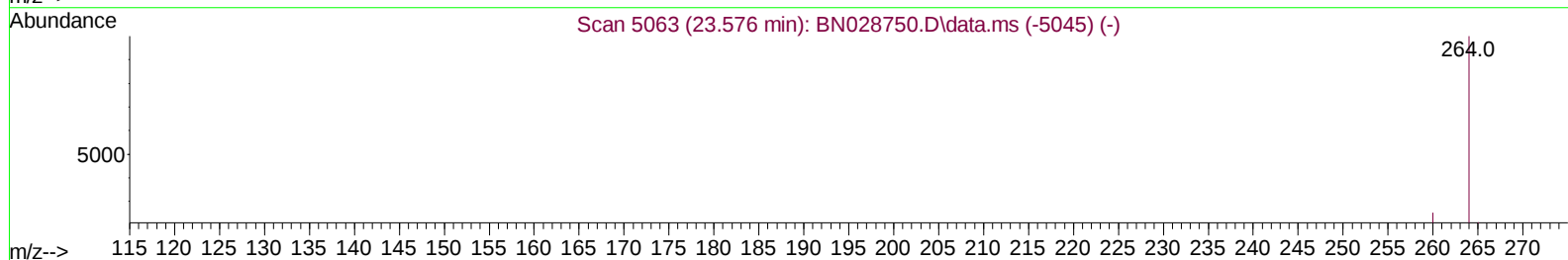
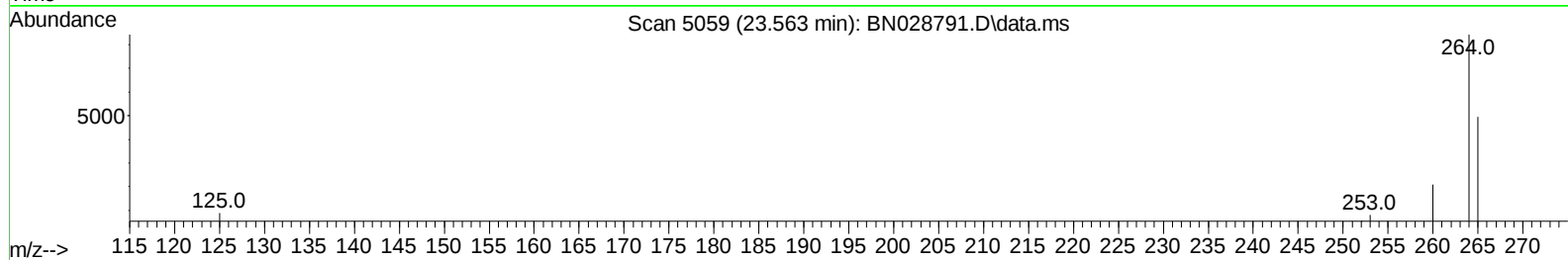
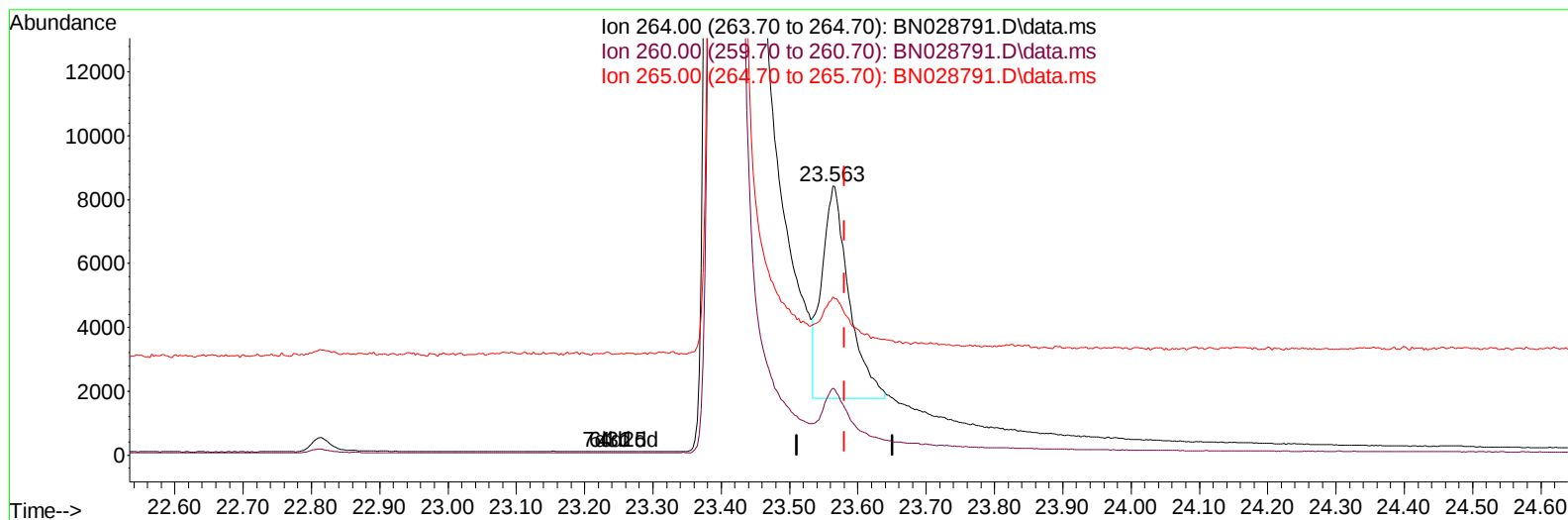
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028791.D
 Acq On : 20 Nov 2023 00:12
 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/20/2023

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TIC: BN028791.D\data.ms

(23) Perylene-d12 (I)

23.563min (-0.018) 0.40 ng/ul m

response 18226

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.85
265.00	38.80	58.81#
0.00	0.00	0.00

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 Data File : BN028791.D
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 Operator : MA/JU
 Sample : 05174-22
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN7

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	5178m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.473	136	20814m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.316	164	12228m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	21590m	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	15189m	0.400	ng/ul	0.00
23) Perylene-d12	23.563	264	18226m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	44244	7.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	5311m	0.169	ng/ul	0.03
18) Fluoranthene-d10	19.112	212	17491m	0.358	ng/ul	0.00

Target Compounds Qvalue

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

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