

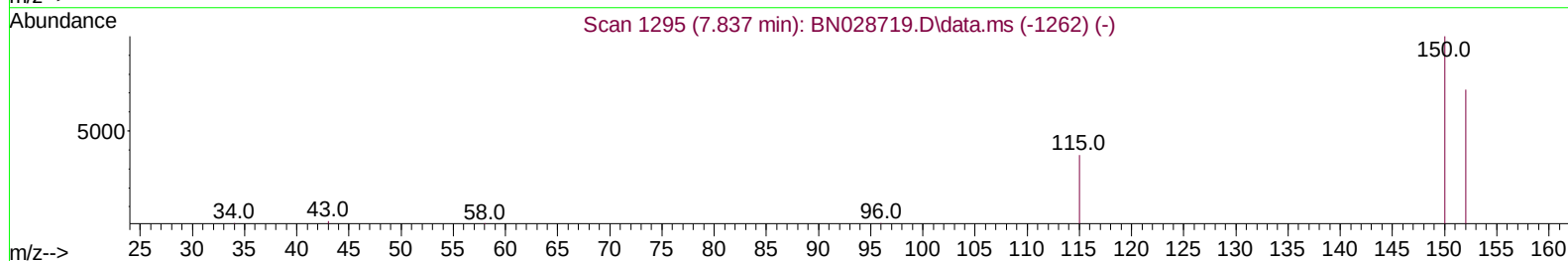
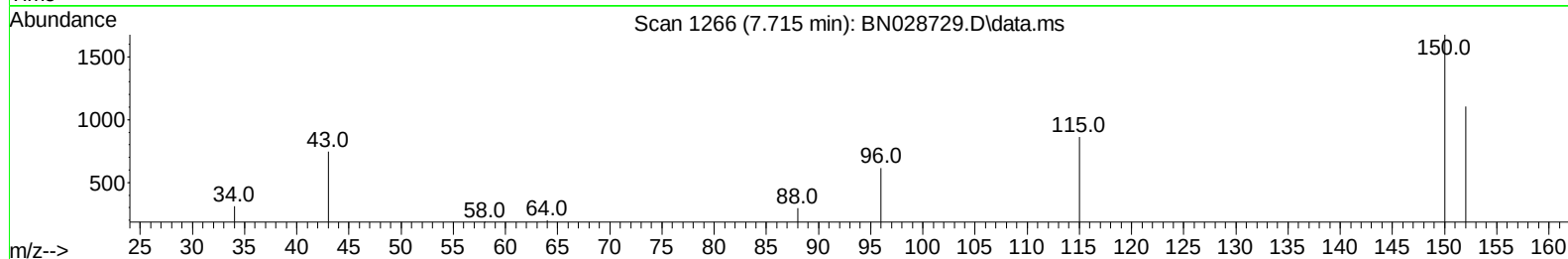
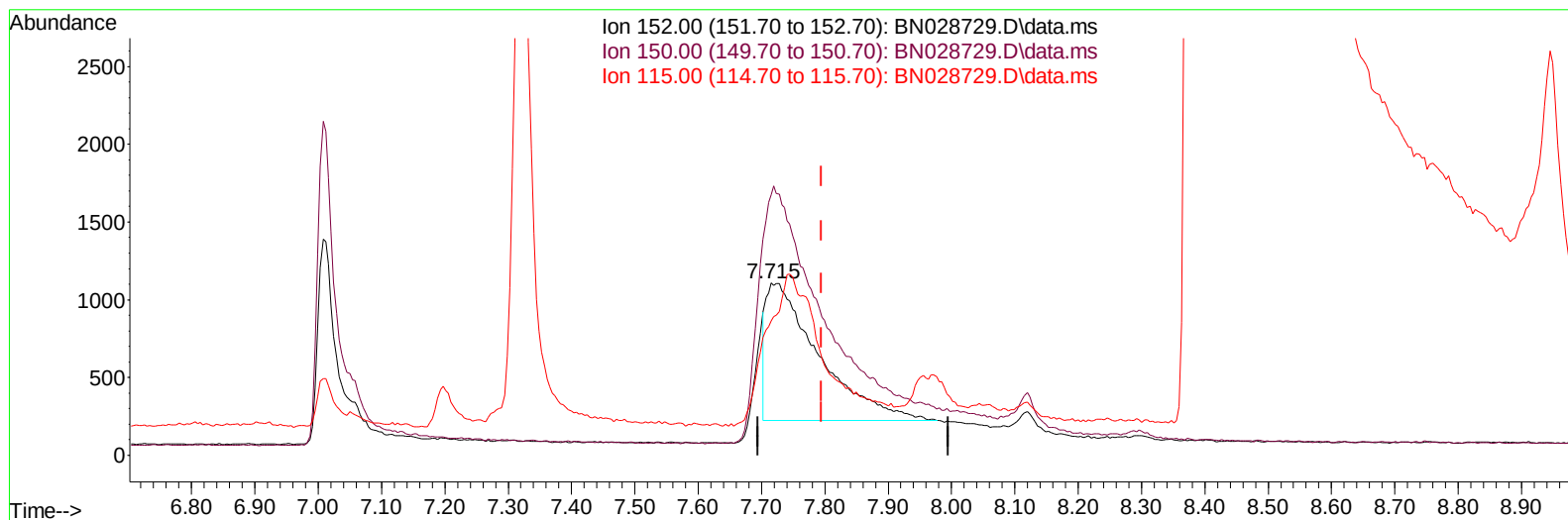
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 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: BN028729.D\data.ms

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

7.715min (-0.080) 0.40 ng/u1

response 5128

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	151.40
115.00	62.20	77.96#
0.00	0.00	0.00

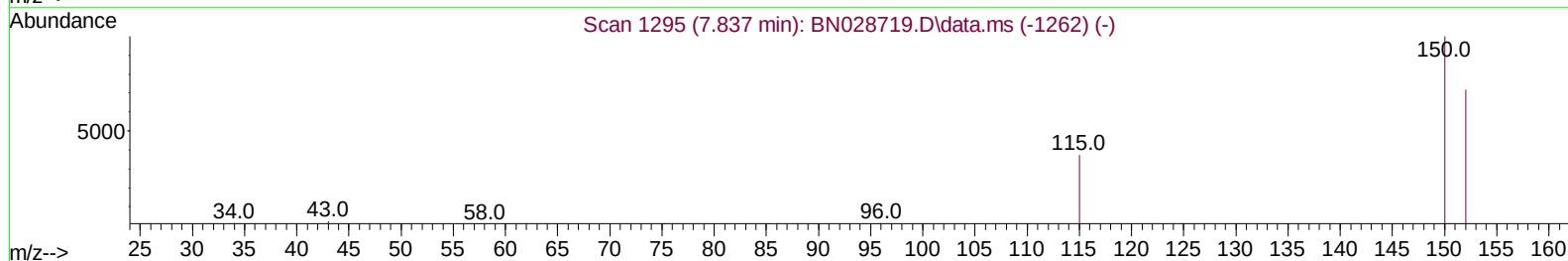
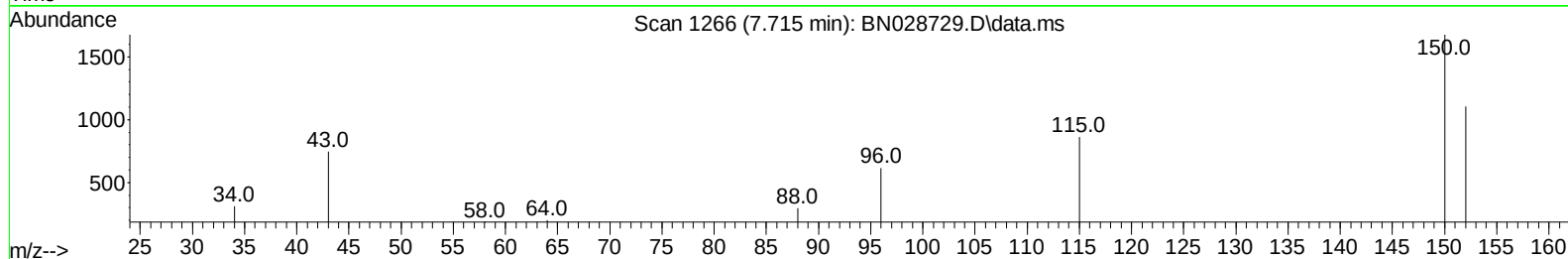
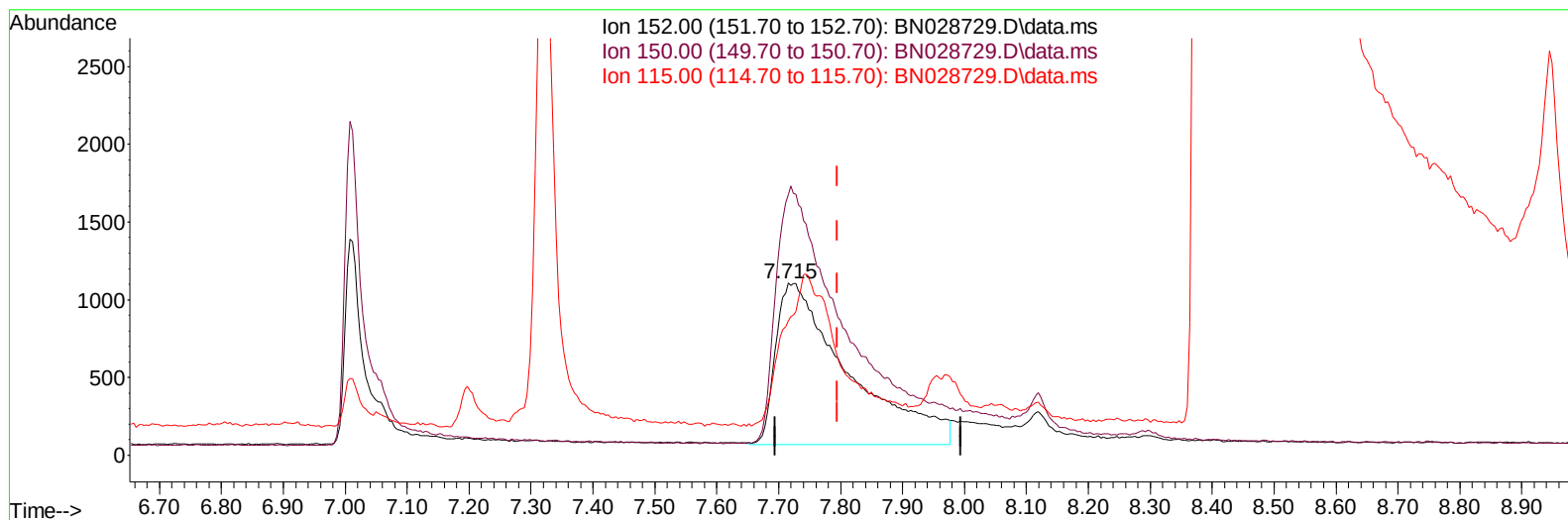
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 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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Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



TIC: BN028729.D\data.ms

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

7.715min (-0.080) 0.40 ng/ul m

response 8537

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	151.40
115.00	62.20	77.96#
0.00	0.00	0.00

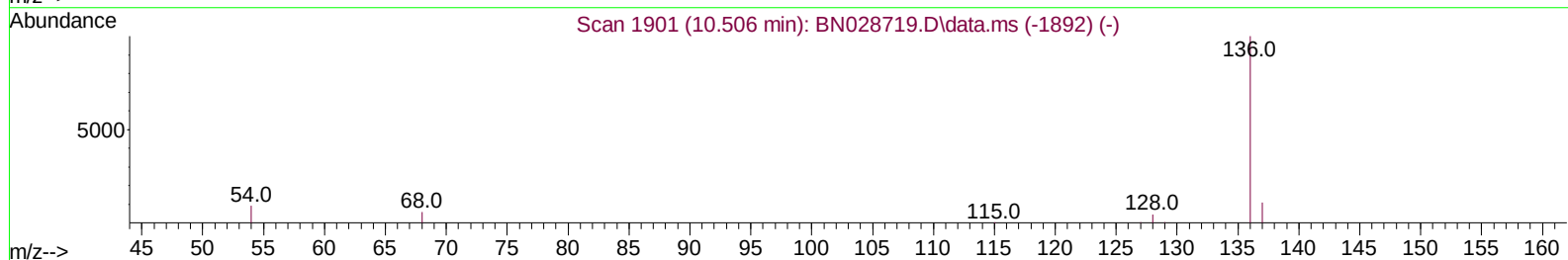
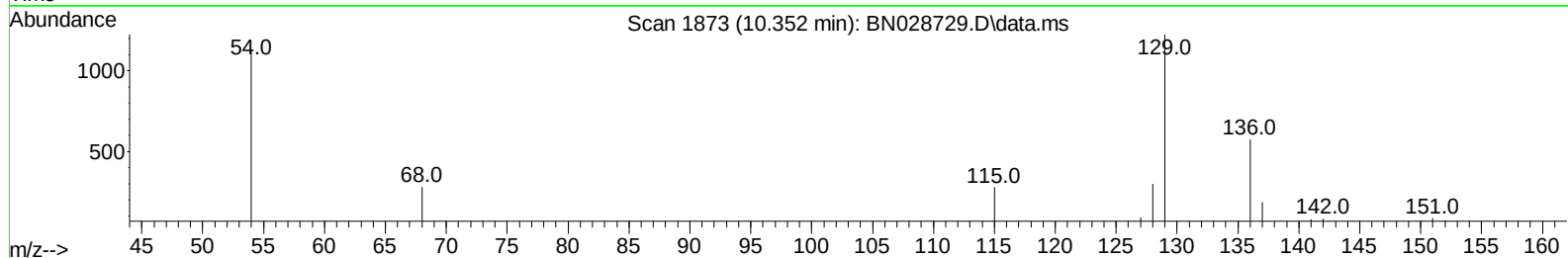
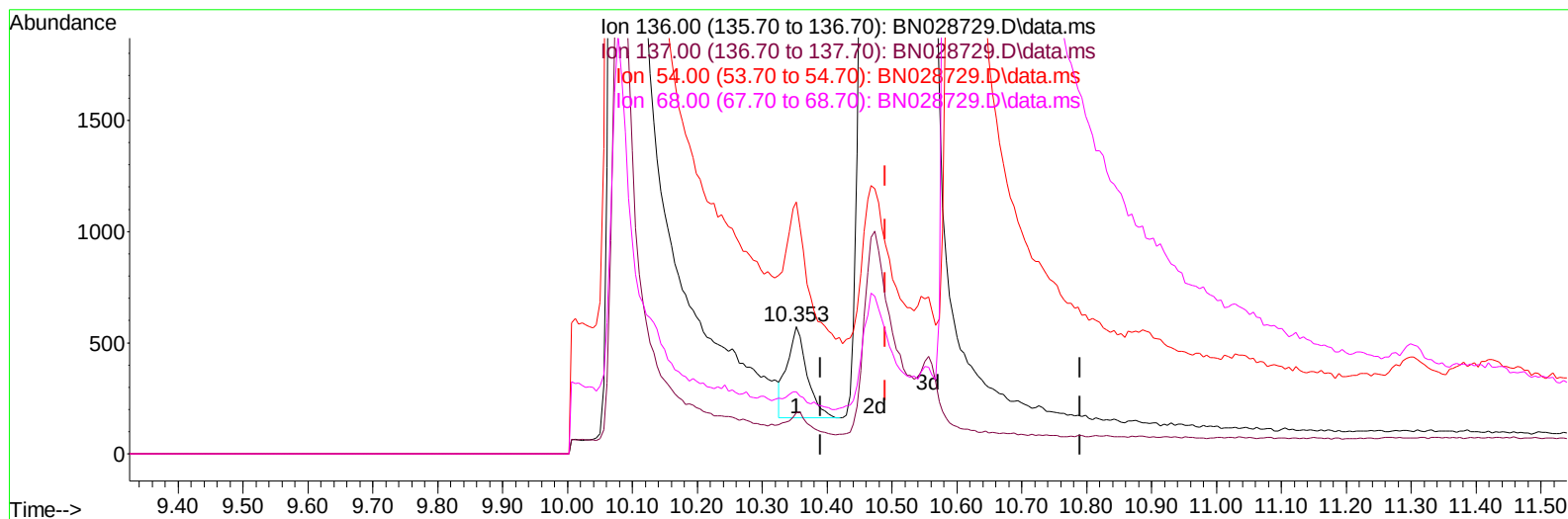
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 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: BN028729.D\data.ms

(4) Naphthalene-d8 (I)

10.352min (-0.137) 0.40 ng/u1

response 882

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	32.40#
54.00	9.00	197.21#
68.00	7.10	48.78#

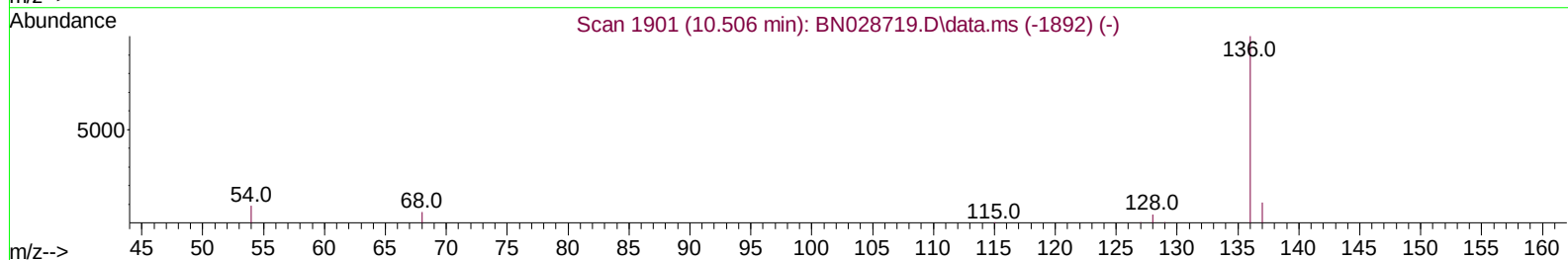
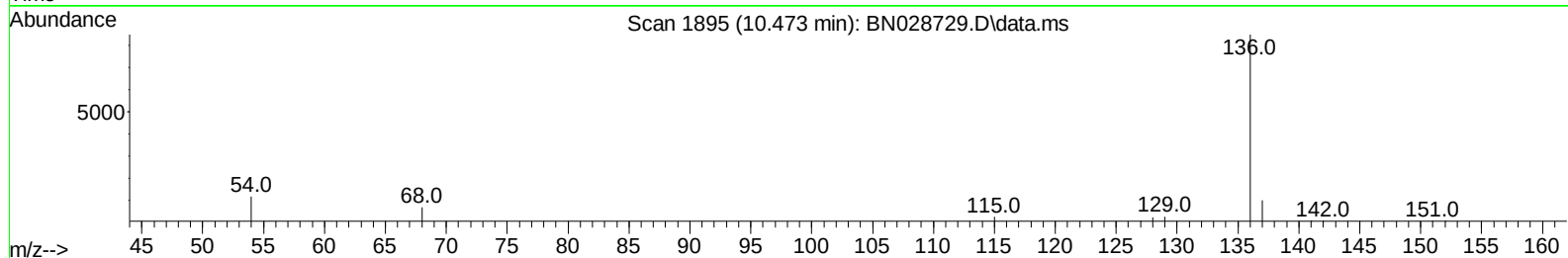
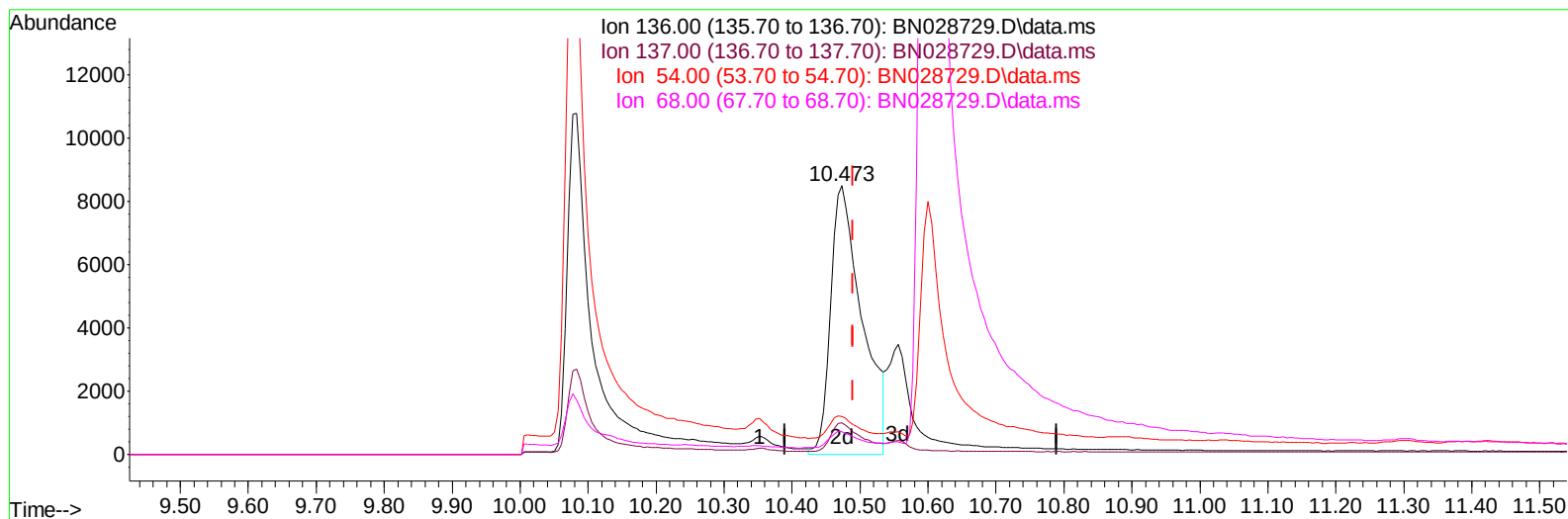
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 2023
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 QLast Update : Fri Nov 17 09:39:27 2023
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Reviewed By :Yogesh Patel 11/19/2023
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TIC: BN028729.D\data.ms

(4) Naphthalene-d8 (I)

10.473min (-0.016) 0.40 ng/ul m

response 27306

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	11.79
54.00	9.00	14.06#
68.00	7.10	8.35

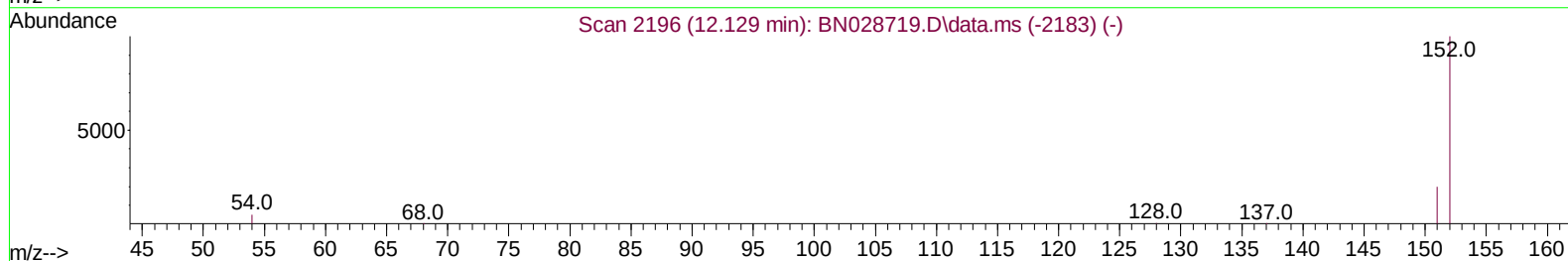
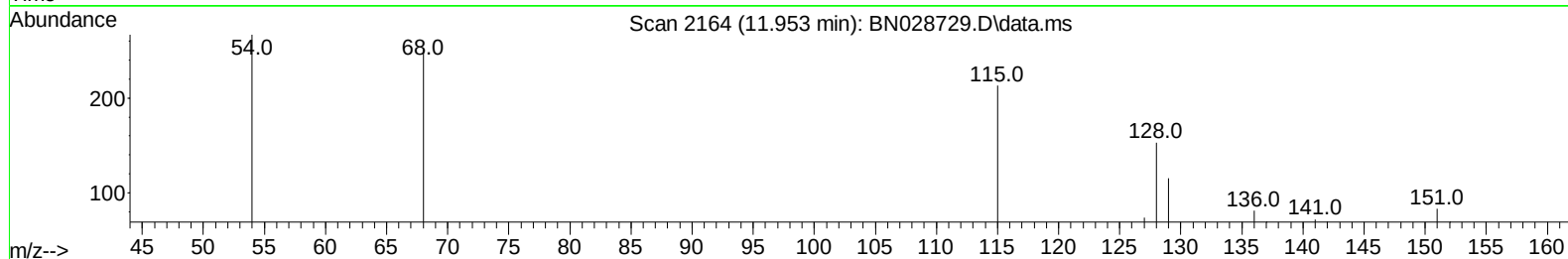
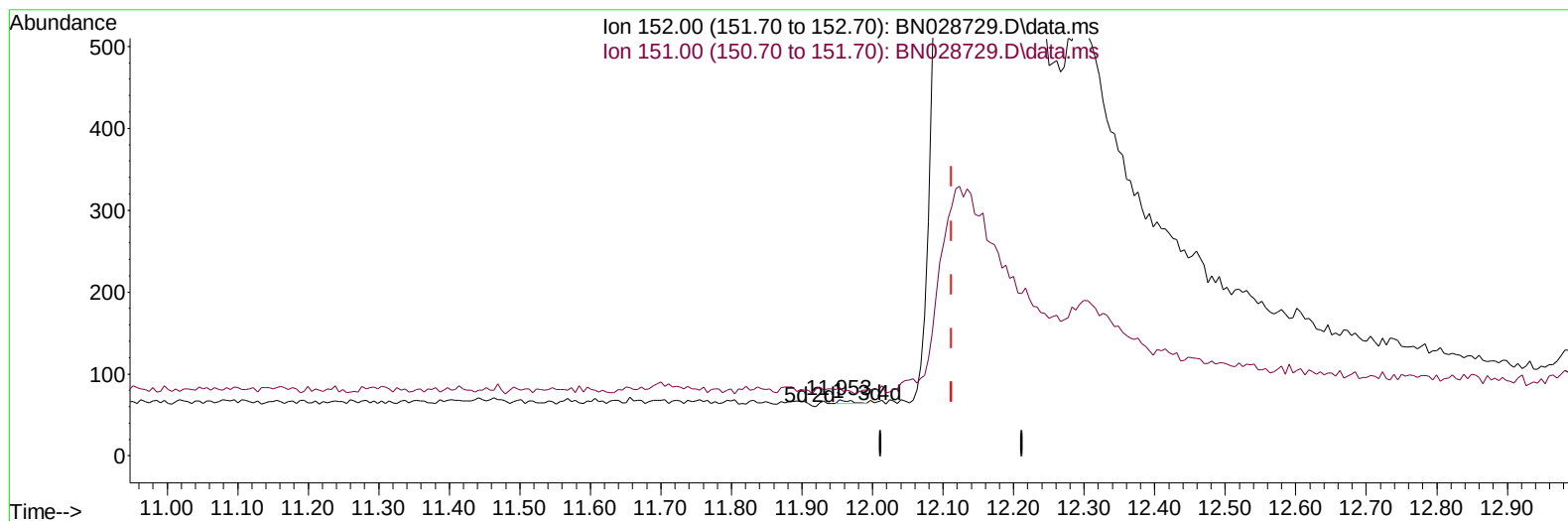
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 23:00:37 2023
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TIC: BN028729.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.953min (-0.159) 0.00 ng/u1

response 6

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

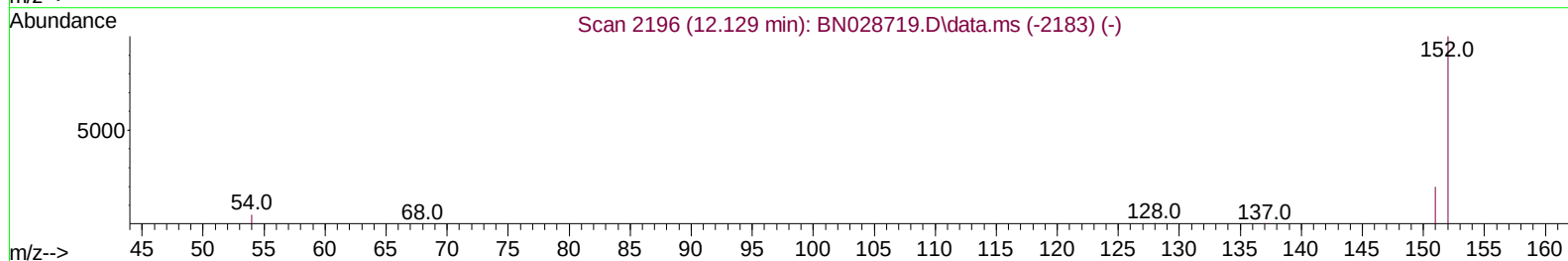
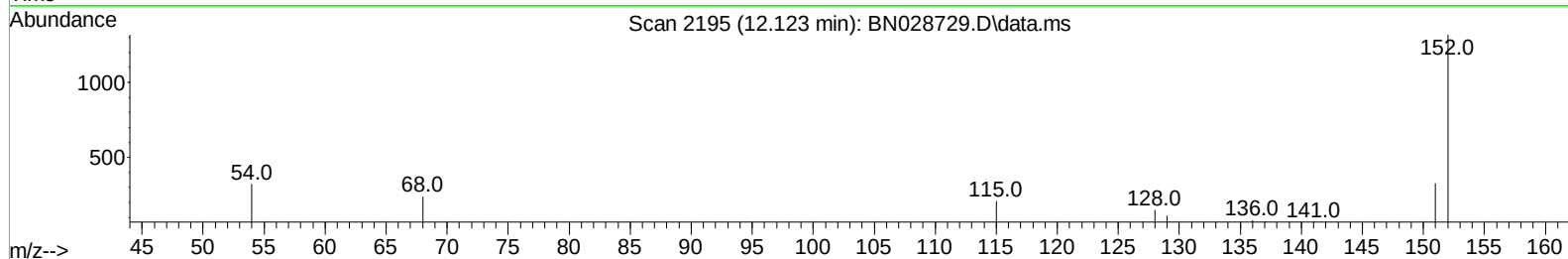
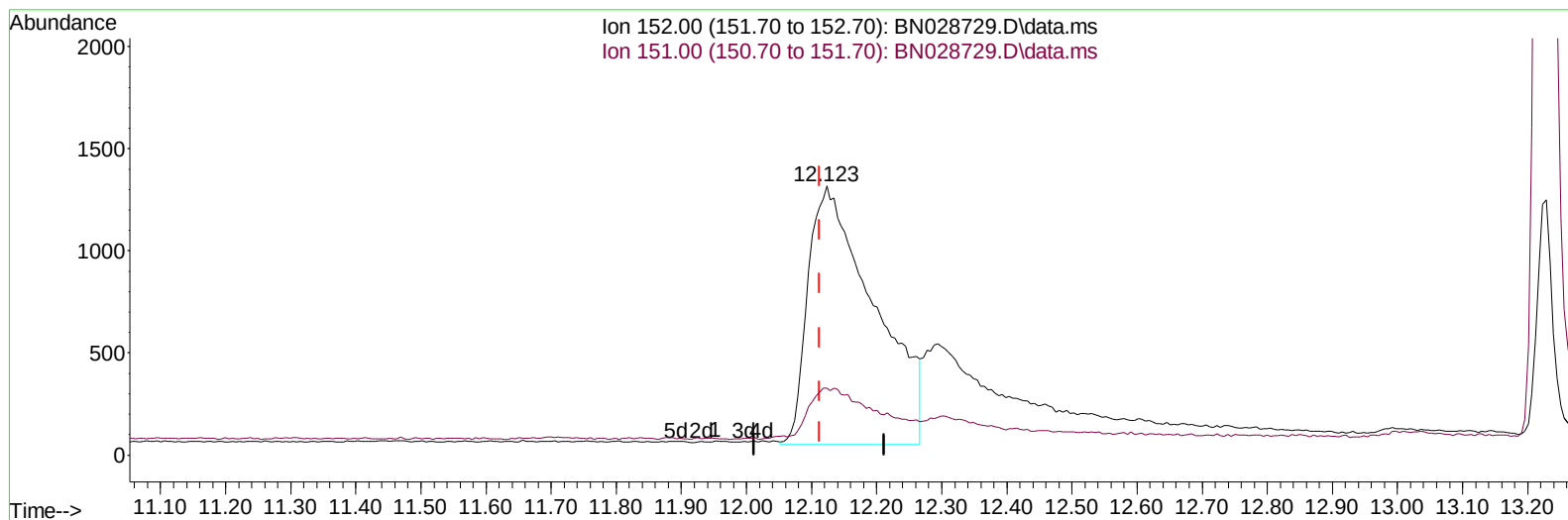
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 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 2023
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TIC: BN028729.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.123min (+ 0.011) 0.22 ng/ul m

response 8921

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

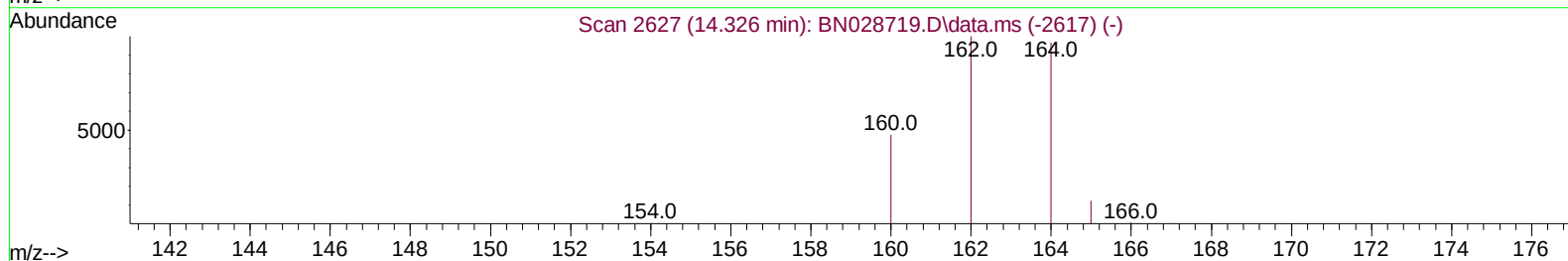
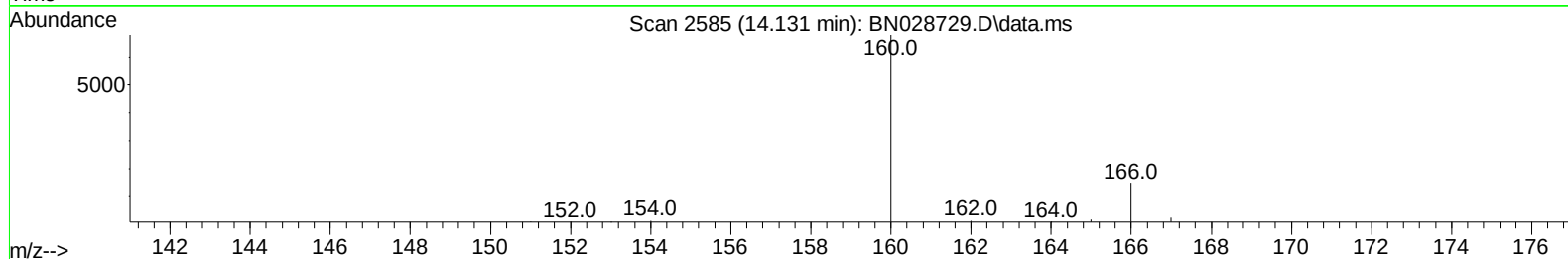
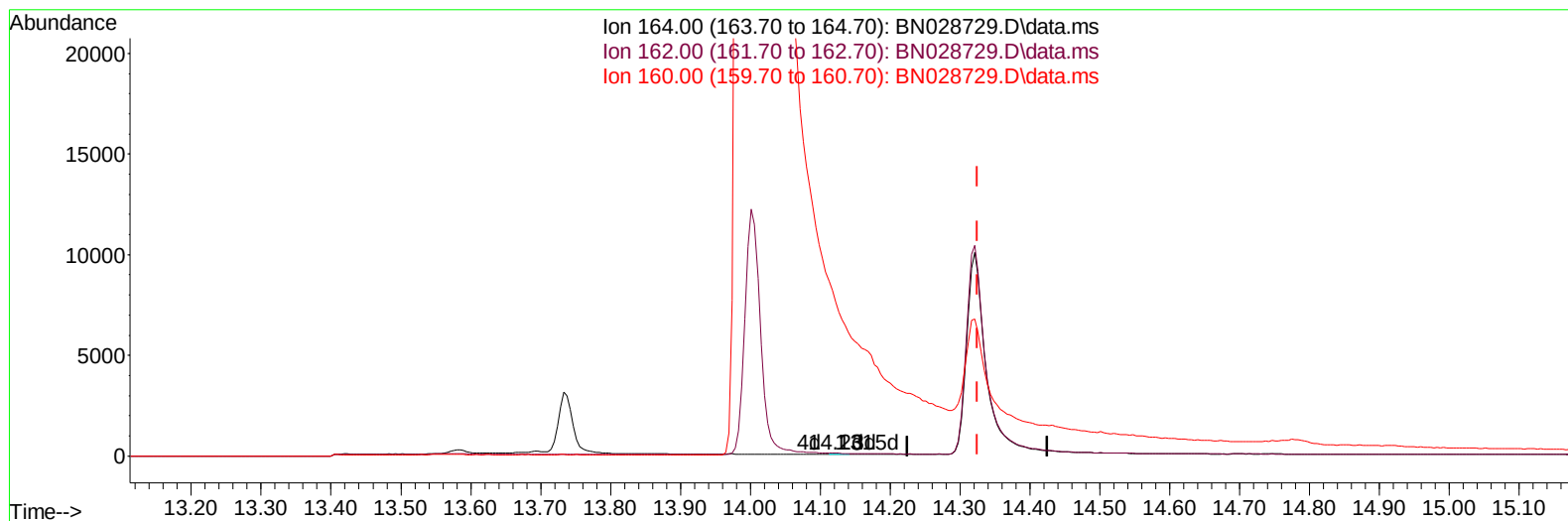
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 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

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TIC: BN028729.D\data.ms

(9) Acenaphthene-d10 (I)

14.131min (-0.194) 0.40 ng/u1

response 3

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	147.67#
160.00	49.20	7888.37#
0.00	0.00	0.00

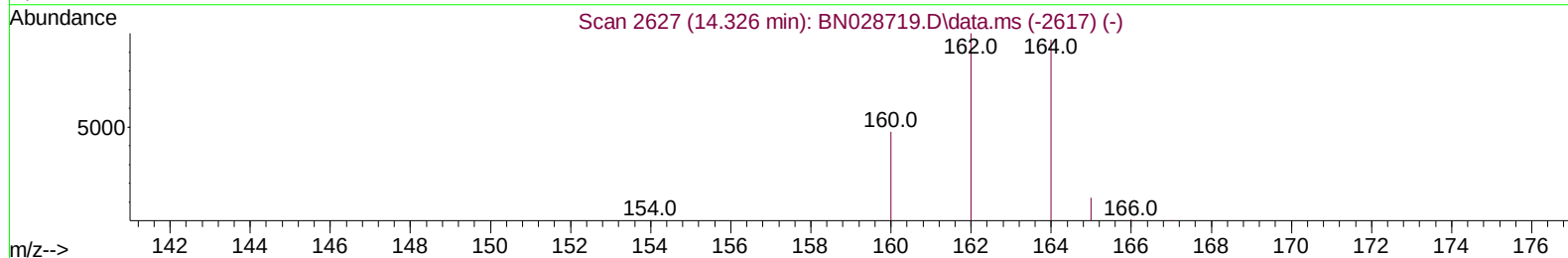
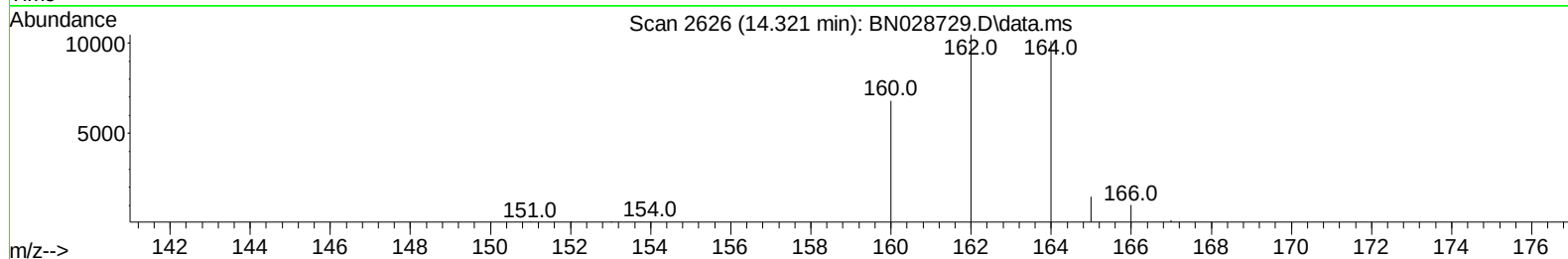
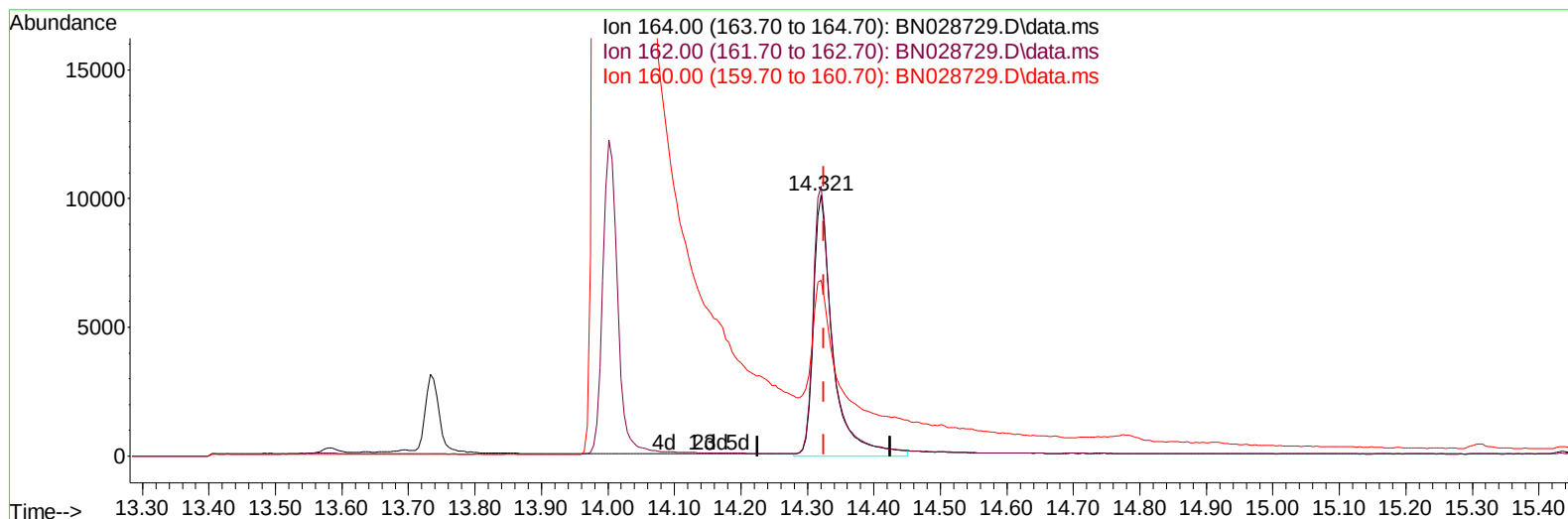
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 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 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: BN028729.D\data.ms

(9) Acenaphthene-d10 (I)

14.321min (-0.004) 0.40 ng/ul m

response 20542

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.90	103.36
160.00	49.20	67.30#
0.00	0.00	0.00

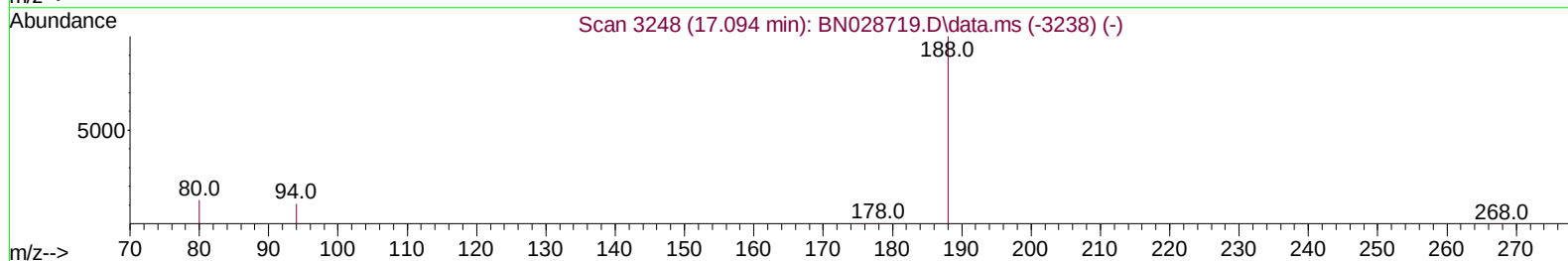
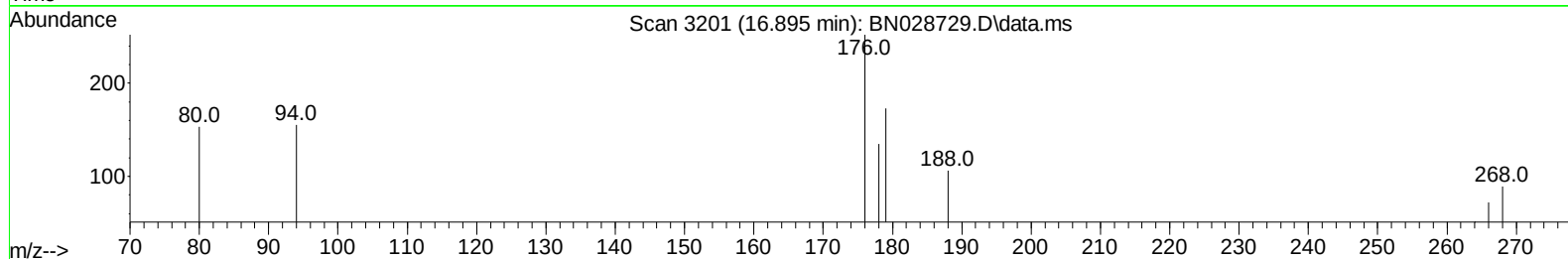
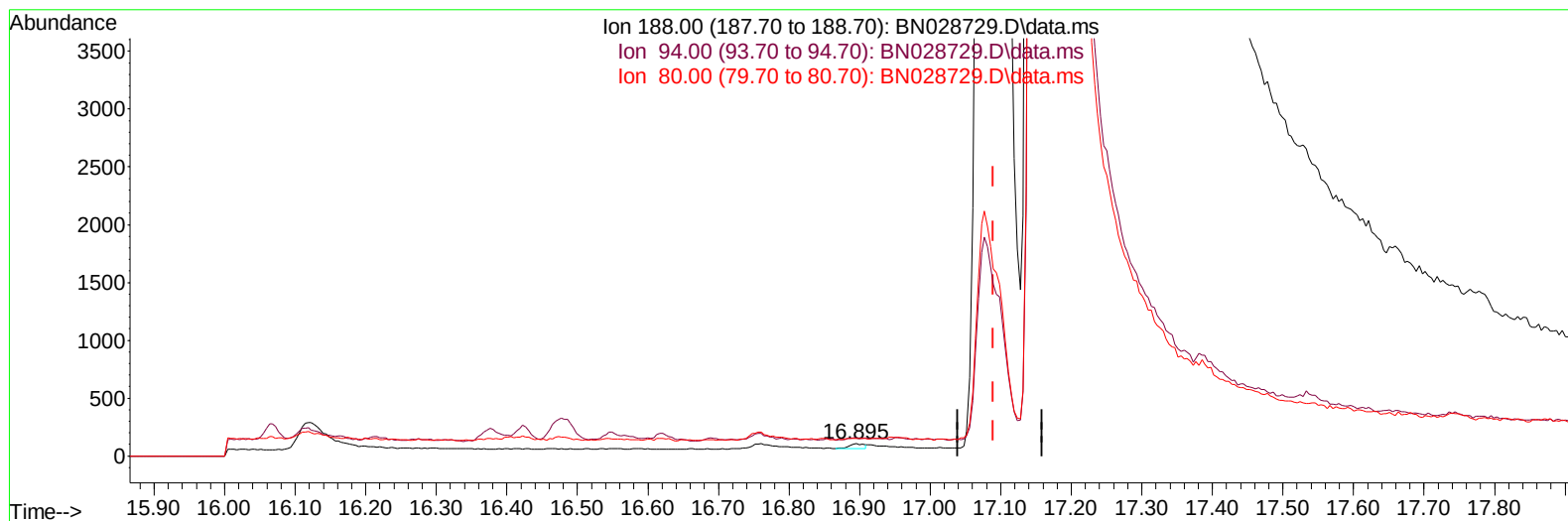
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 2023
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TIC: BN028729.D\data.ms

(13) Phenanthrene-d10 (I)

16.895min (-0.194) 0.40 ng/u1

response 56

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	146.23#
80.00	10.90	144.34#
0.00	0.00	0.00

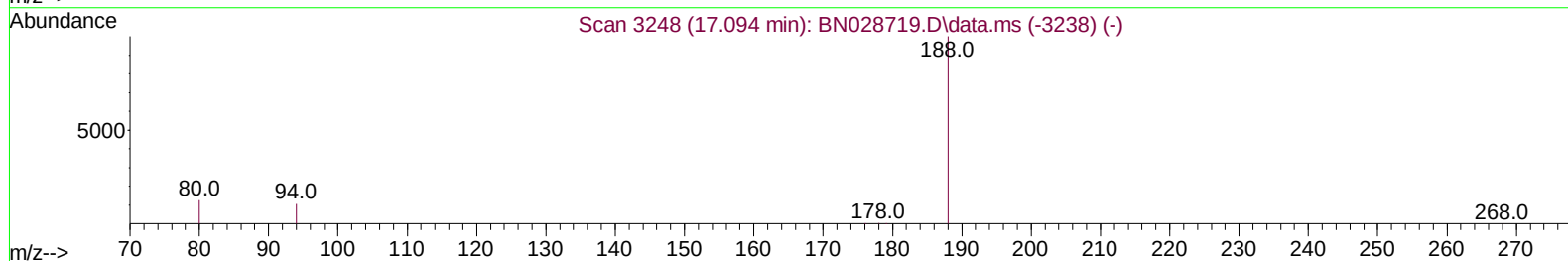
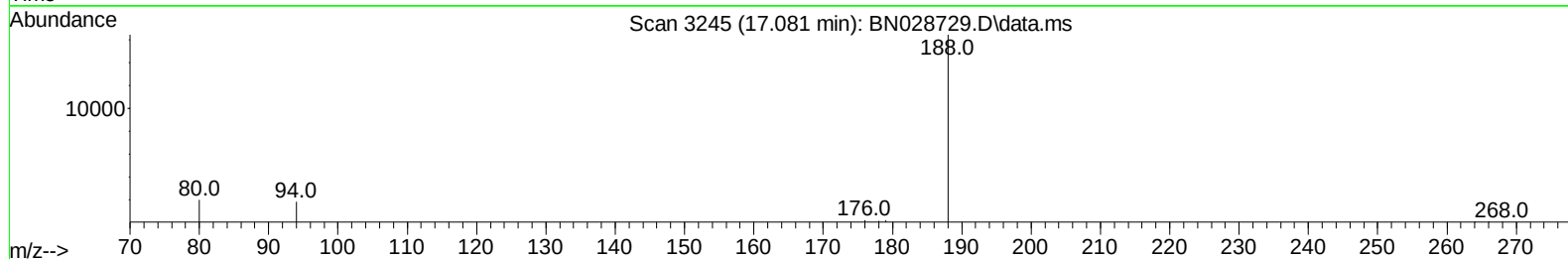
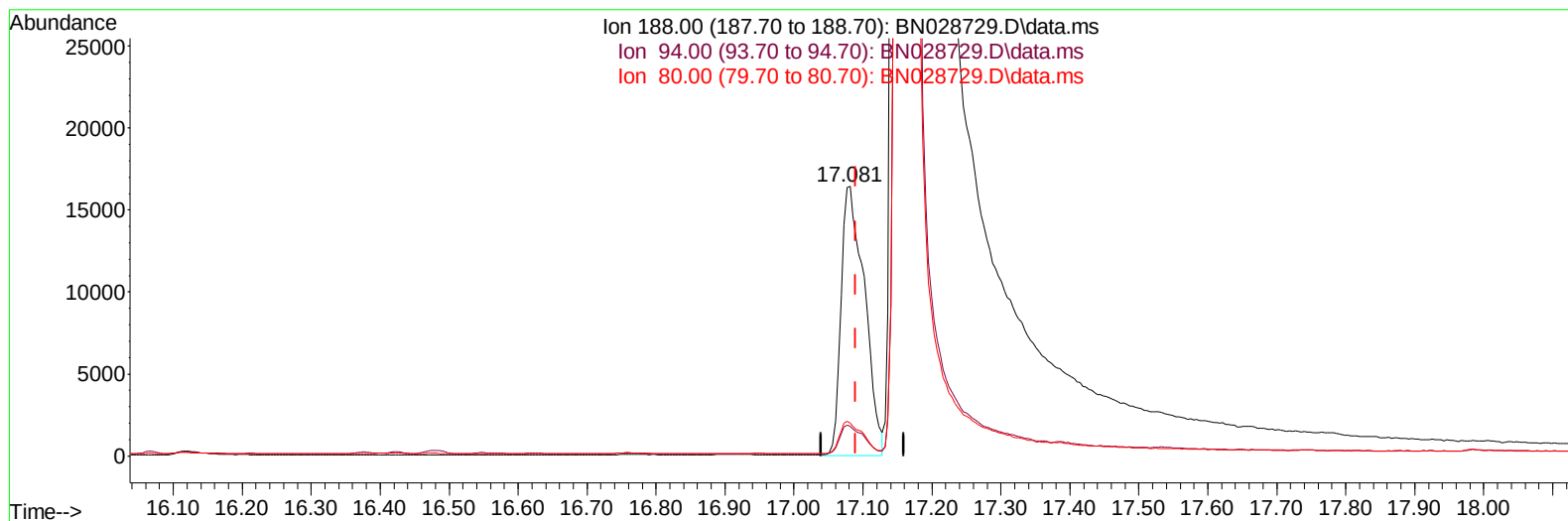
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

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TIC: BN028729.D\data.ms

(13) Phenanthrene-d10 (I)

17.081min (-0.008) 0.40 ng/ul m

response 38651

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.01
80.00	10.90	12.09
0.00	0.00	0.00

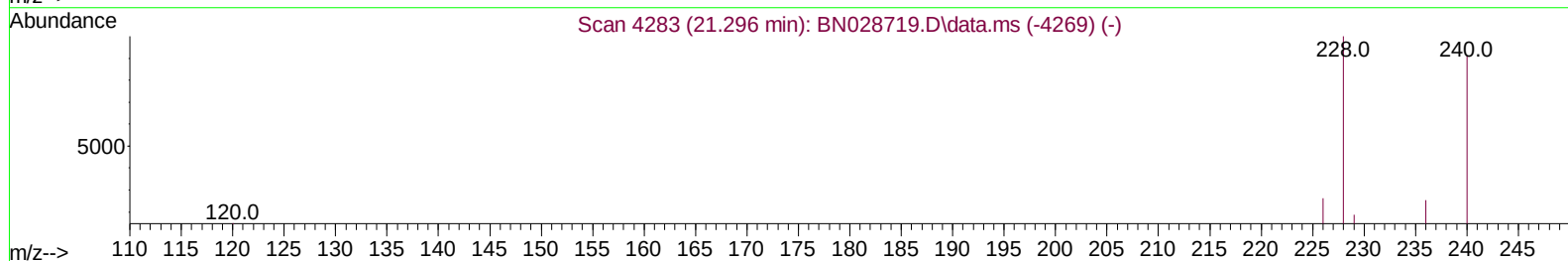
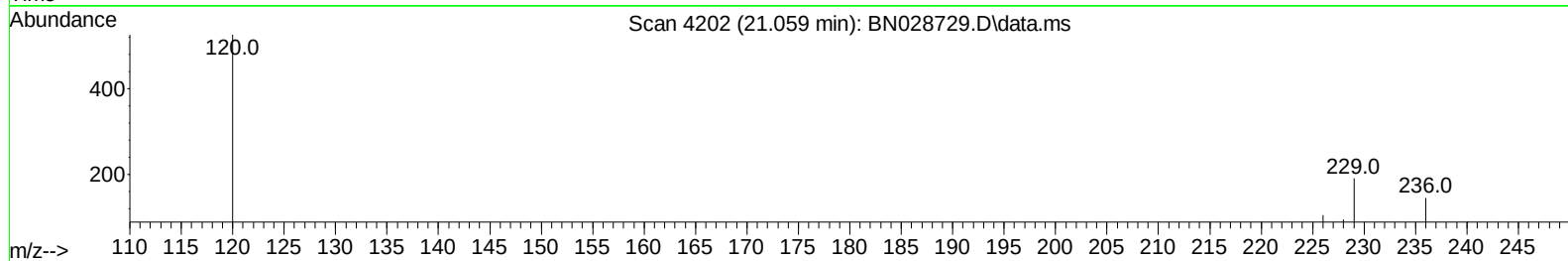
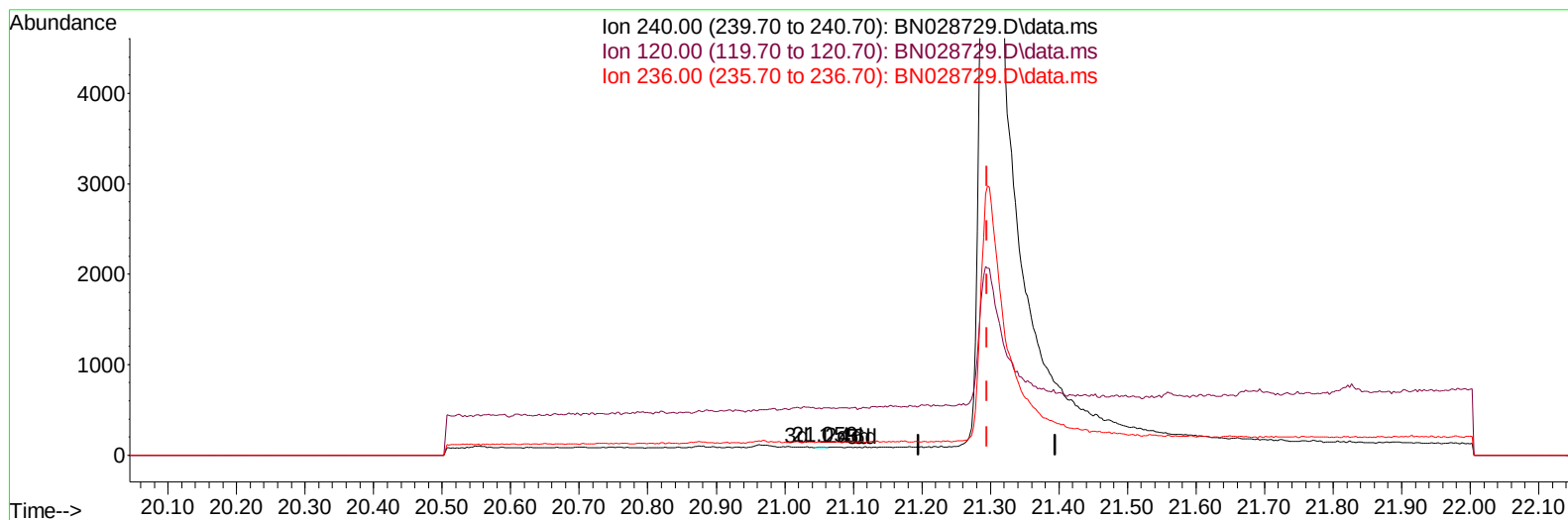
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Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

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TIC: BN028729.D\data.ms

(17) Chrysene-d12

21.059min (-0.236) 0.40 ng/u1

response 4

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	591.01#
236.00	28.00	164.04#
0.00	0.00	0.00

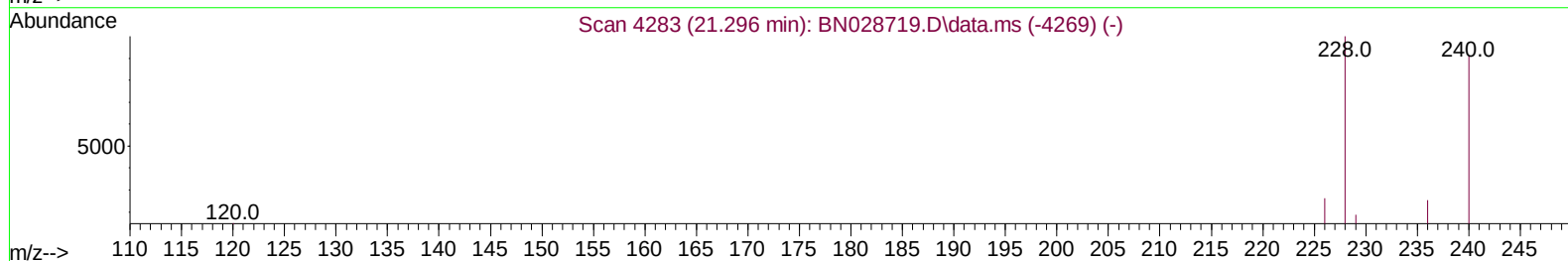
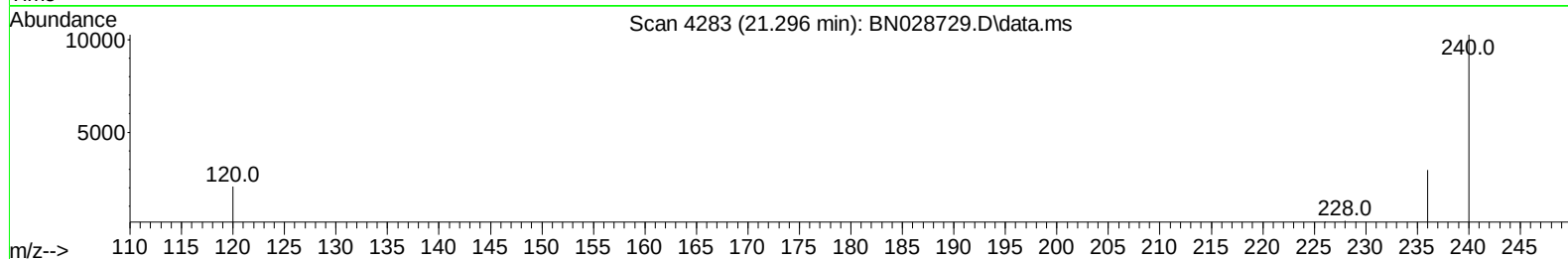
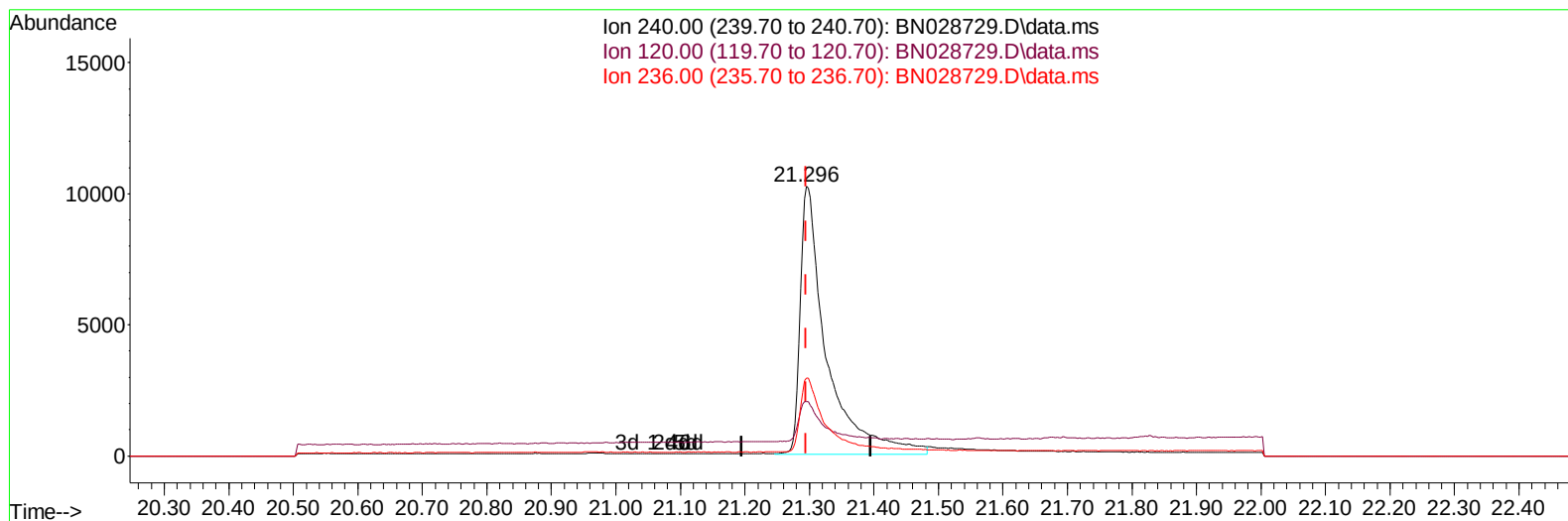
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 2023
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Supervised By :mohammad ahmed 11/20/2023



TIC: BN028729.D\data.ms

(17) Chrysene-d12

21.296min (+ 0.000) 0.40 ng/ul m

response 28839

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.00	20.07#
236.00	28.00	28.93
0.00	0.00	0.00

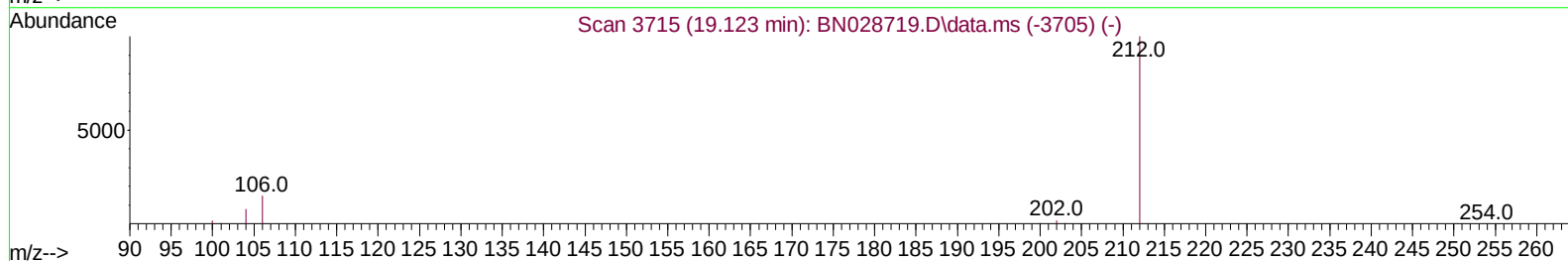
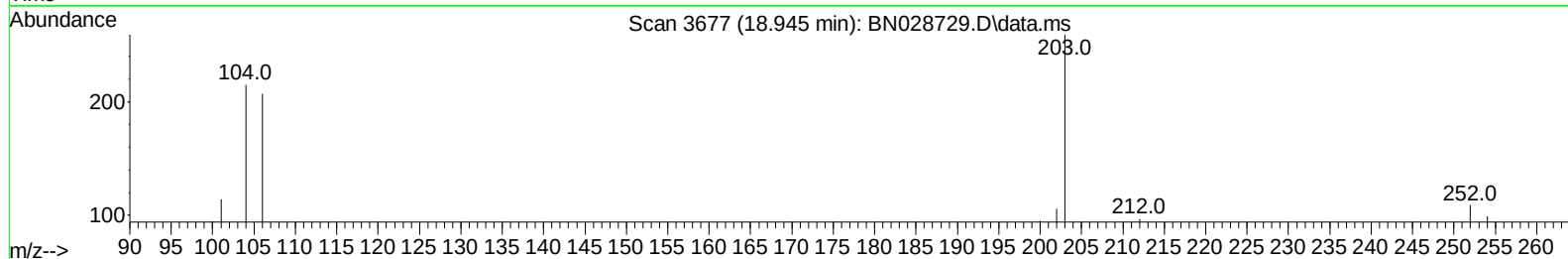
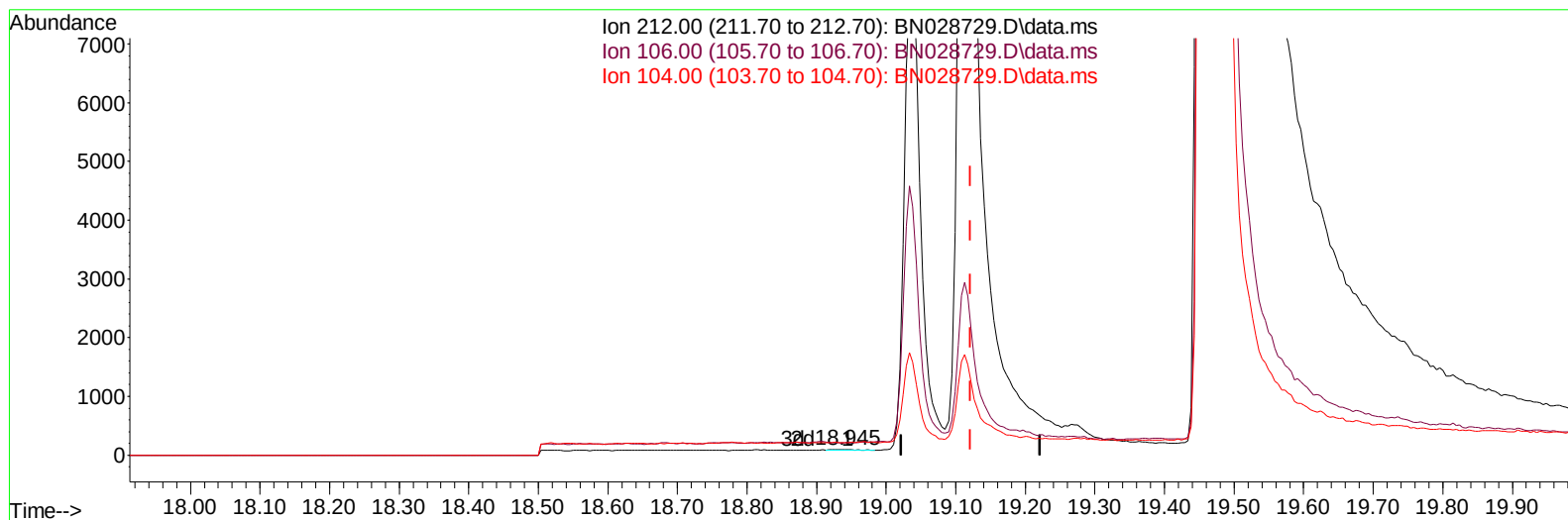
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028729.D
Acq On : 18 Nov 2023 08:42
Operator : MA/JU
Sample : 05369-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDN5

Manual IntegrationsAPPROVED

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TIC: BN028729.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.945min (-0.176) 0.00 ng/u1

response 40

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	14.80	0.00#
104.00	8.30	70.00#
0.00	0.00	0.00

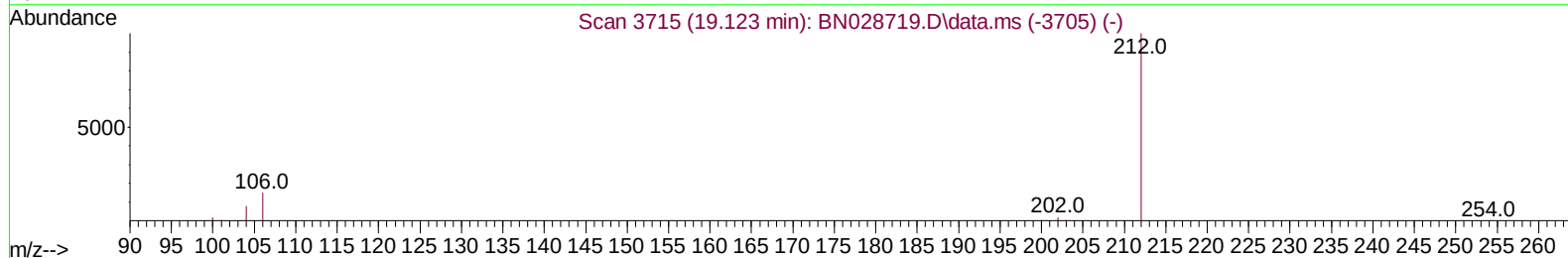
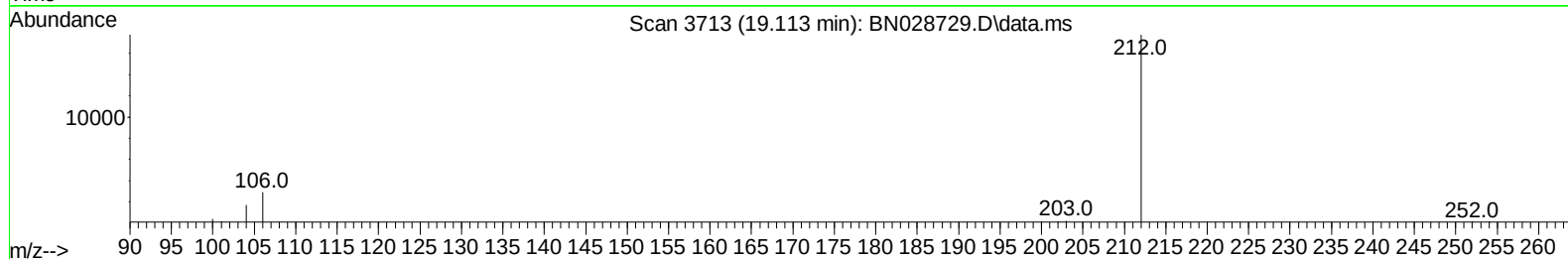
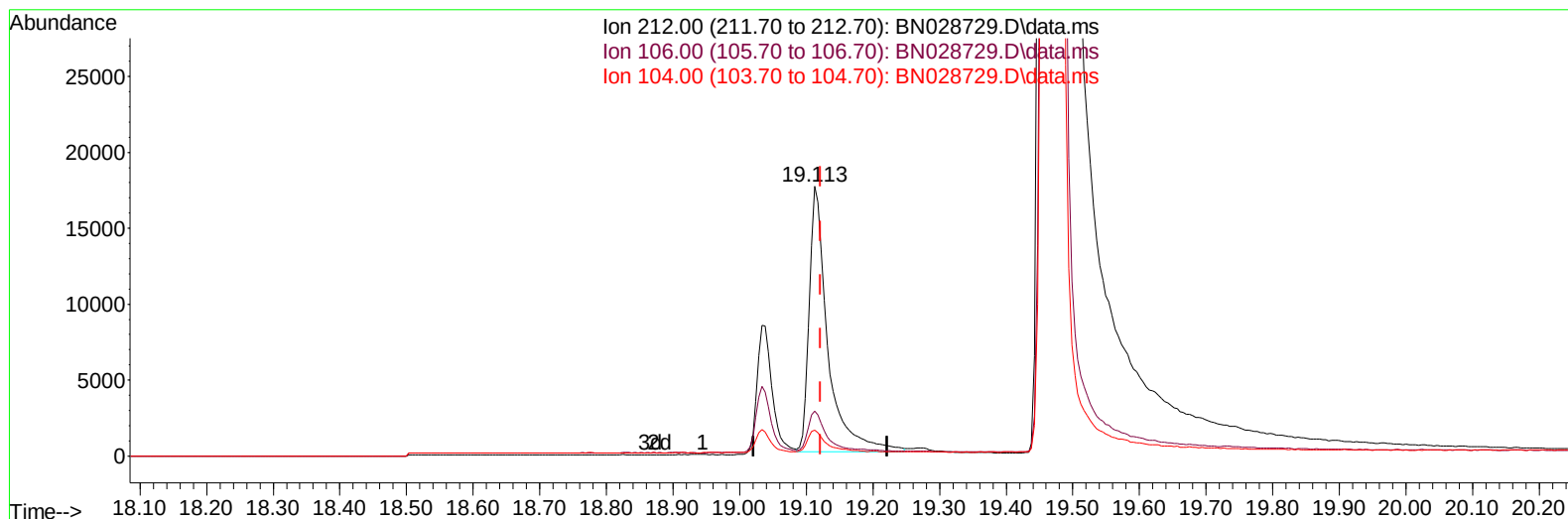
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

Quant Time: Nov 18 23:00:37 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: BN028729.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.113min (-0.009) 0.36 ng/ul m

response 33665

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

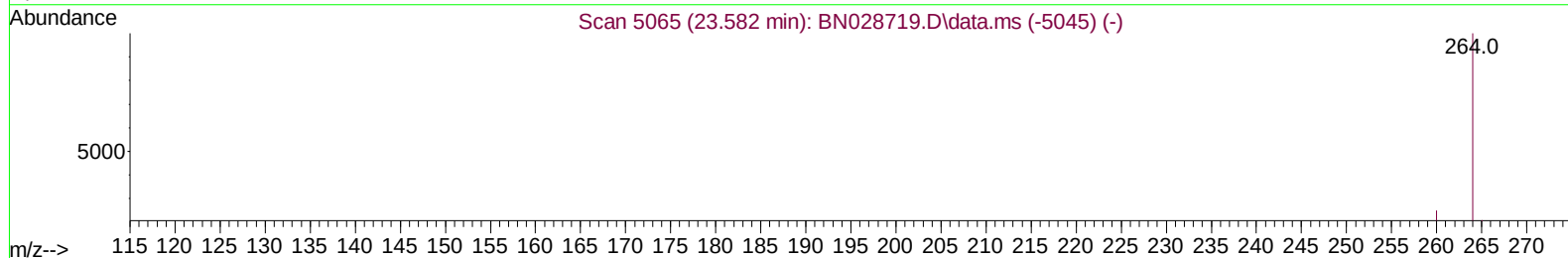
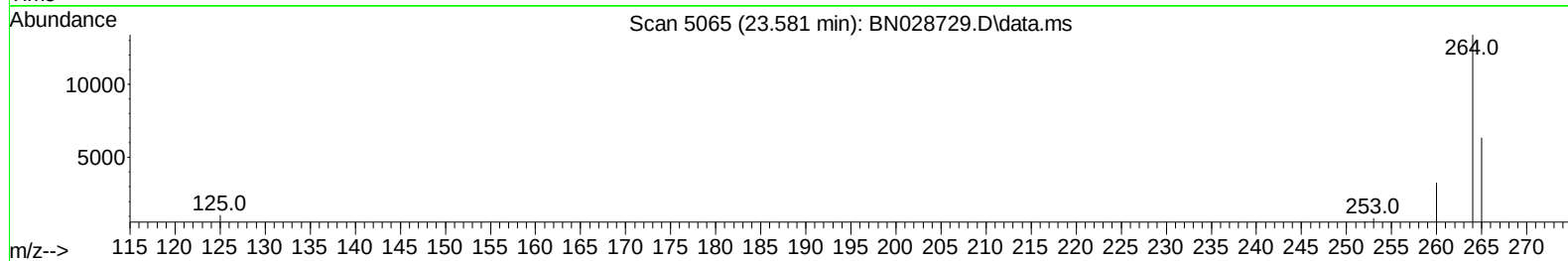
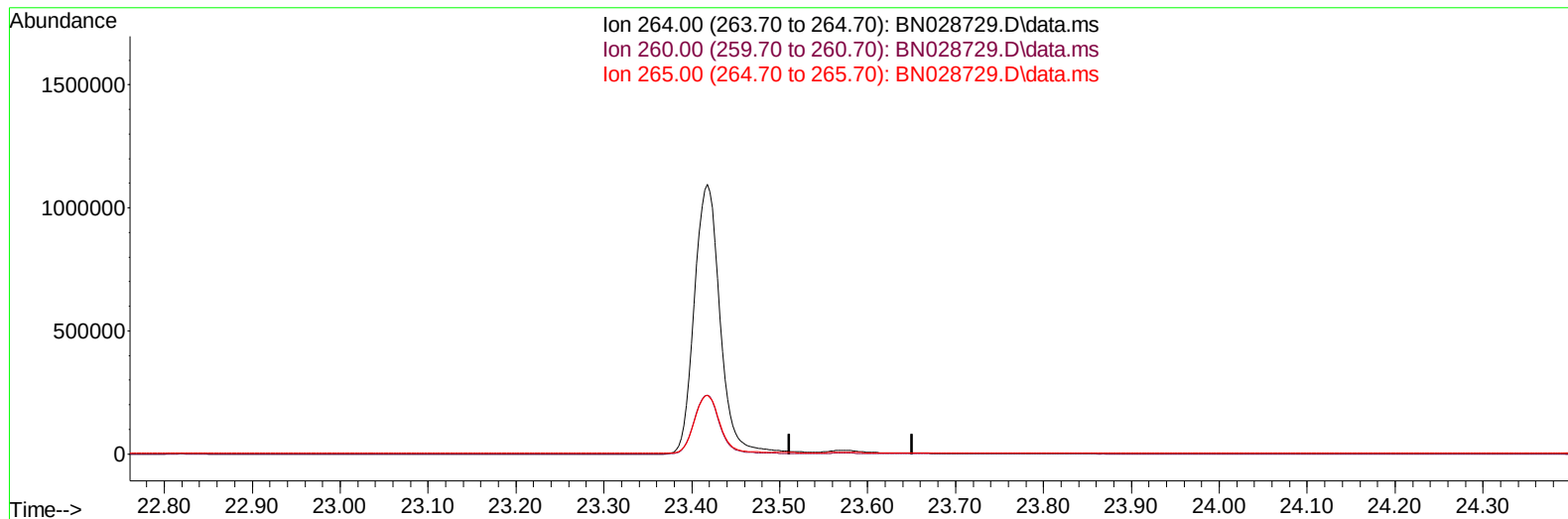
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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TIC: BN028729.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

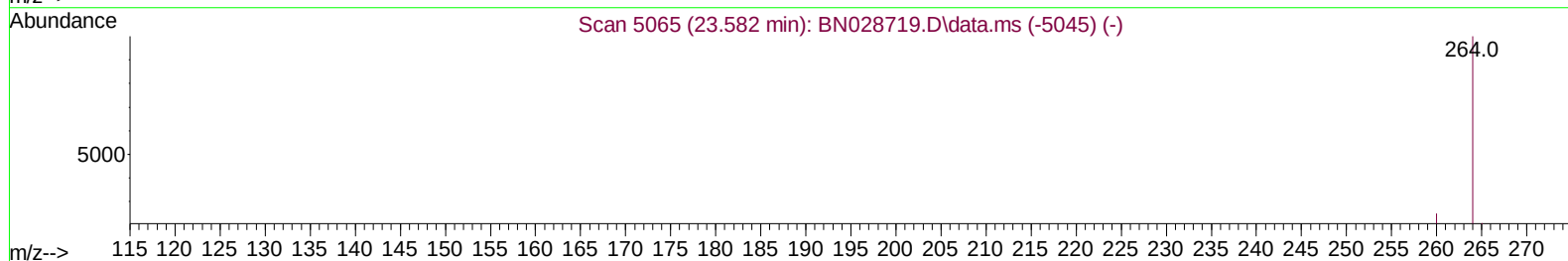
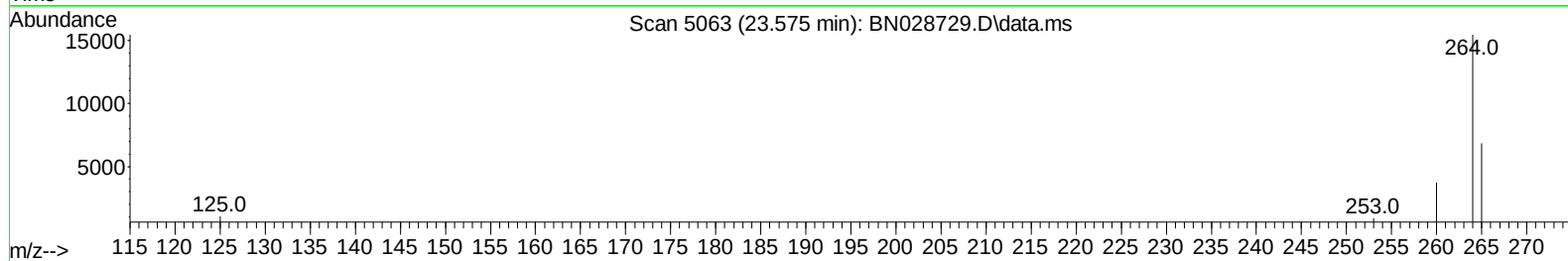
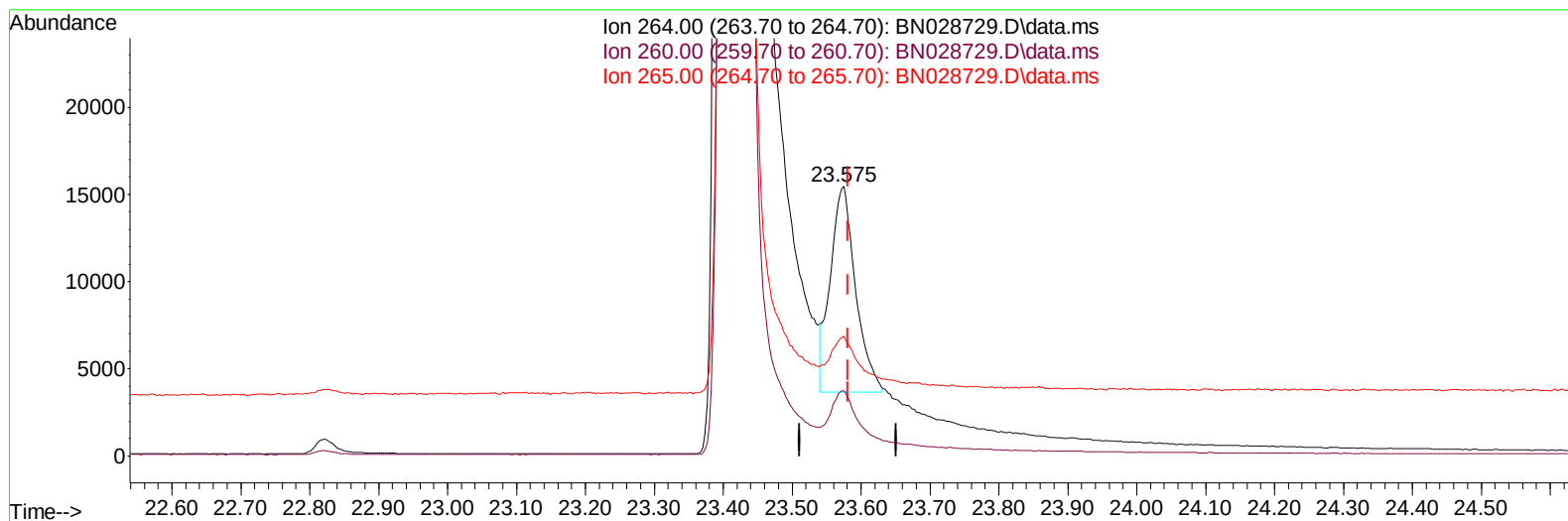
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

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TIC: BN028729.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.006) 0.40 ng/ul m

response 30091

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.40	24.12
265.00	38.80	44.42
0.00	0.00	0.00

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 Data File : BN028729.D
 Acq On : 18 Nov 2023 08:42
 Operator : MA/JU
 Sample : 05369-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDN5

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	8537m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.473	136	27306m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.321	164	20542m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	38651m	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	28839m	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	30091m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	38487	4.079	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	8921m	0.217	ng/ul	0.01
18) Fluoranthene-d10	19.113	212	33665m	0.363	ng/ul	0.00

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

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