

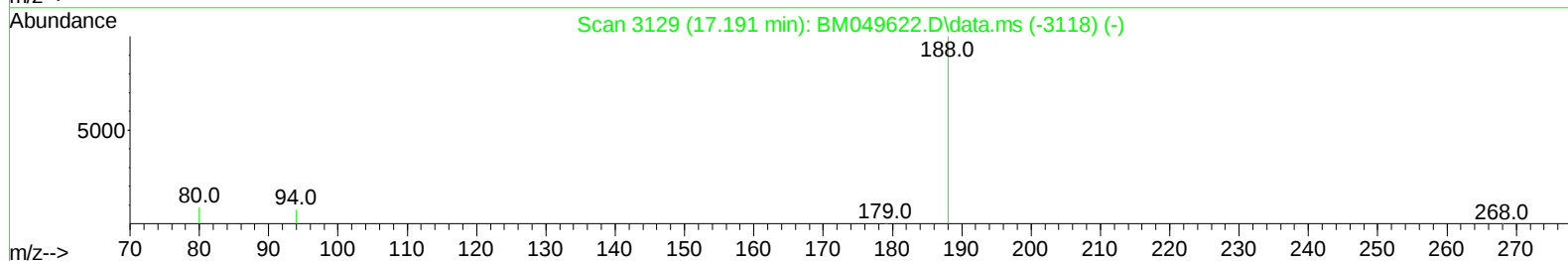
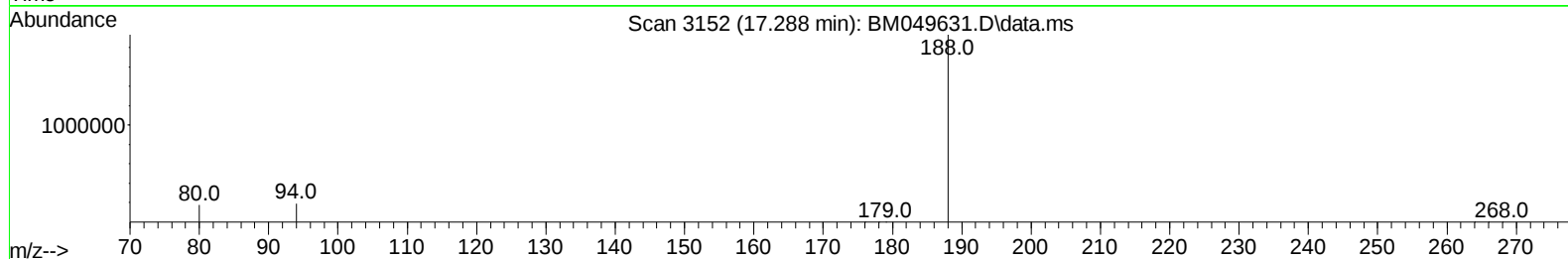
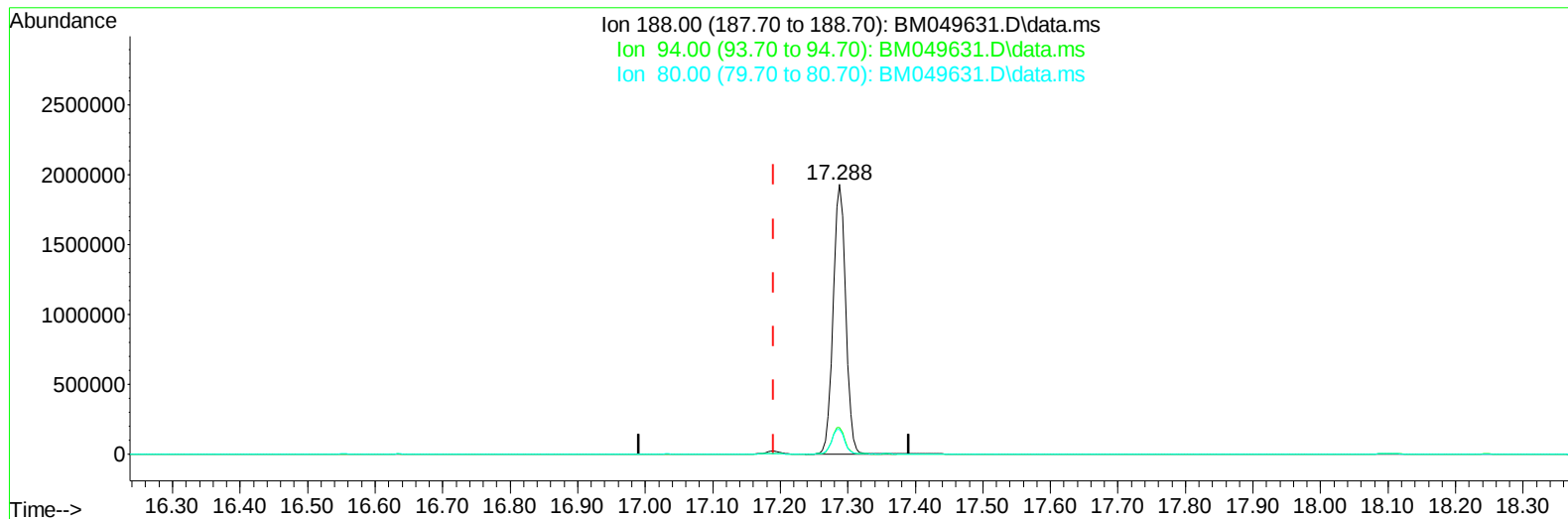
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049631.D\data.ms

(13) Phenanthrene-d10 (I)

17.288min (+ 0.097) 0.40 ng/u1

response 2518323

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	9.86
80.00	9.30	9.02
0.00	0.00	0.00

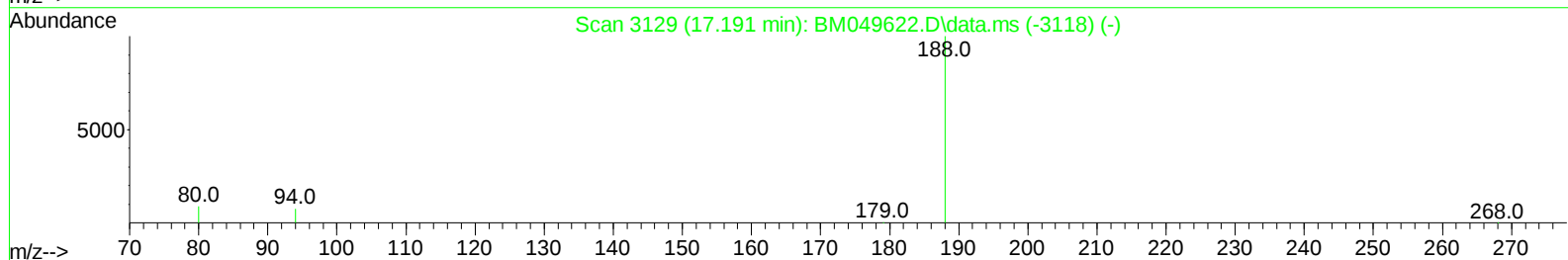
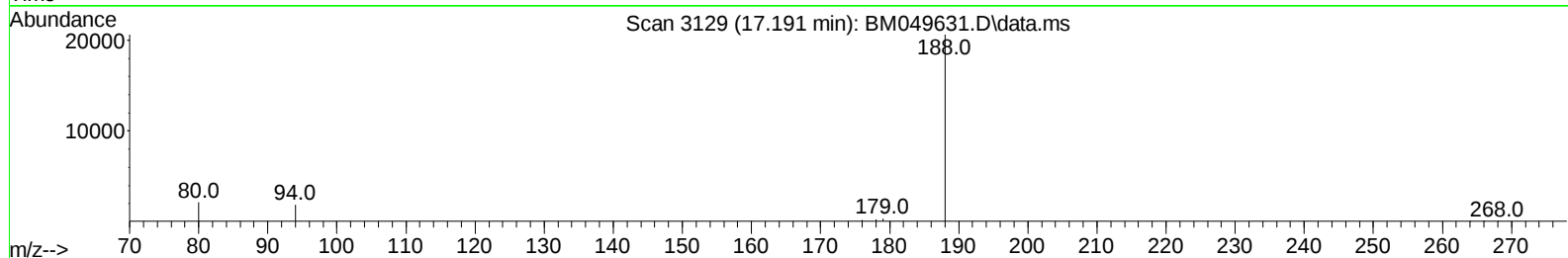
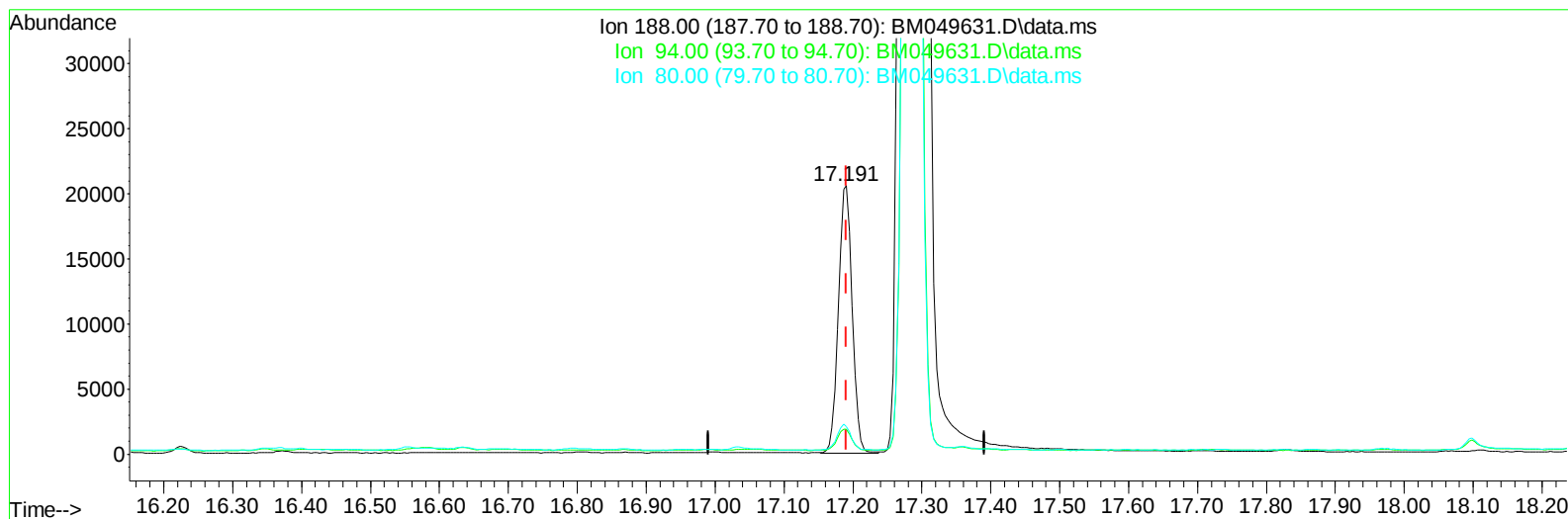
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049631.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (-0.000) 0.40 ng/ul m

response 28349

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	9.26
80.00	9.30	10.32
0.00	0.00	0.00

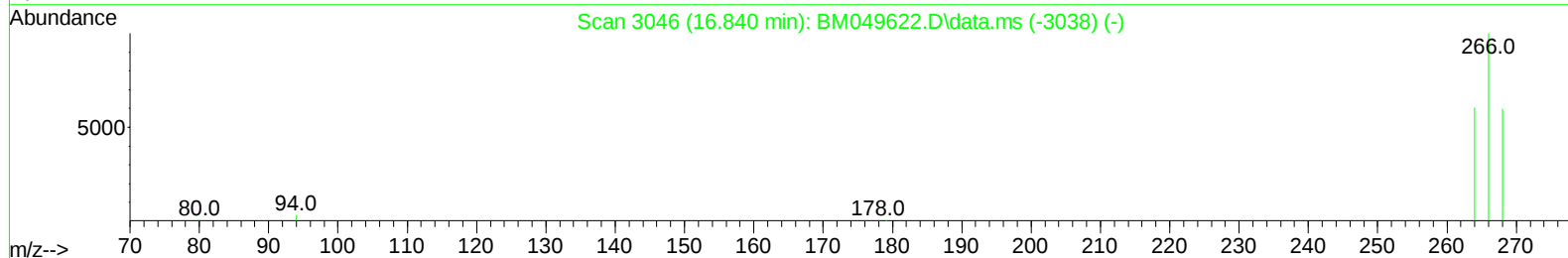
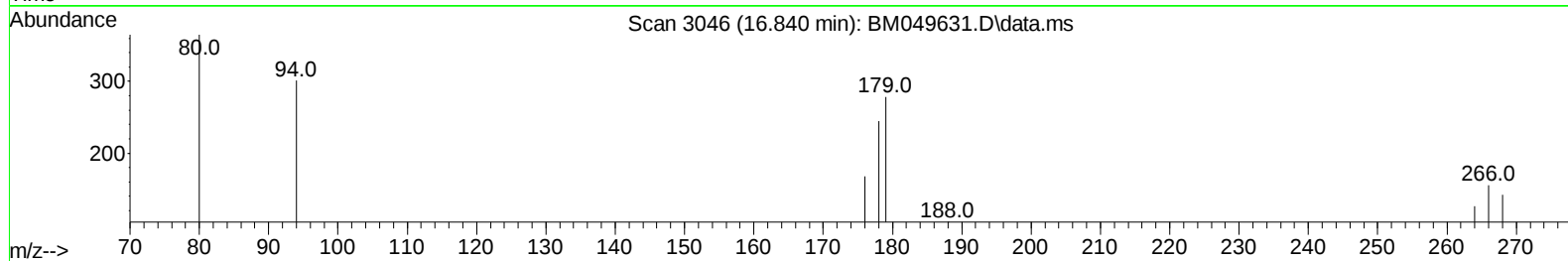
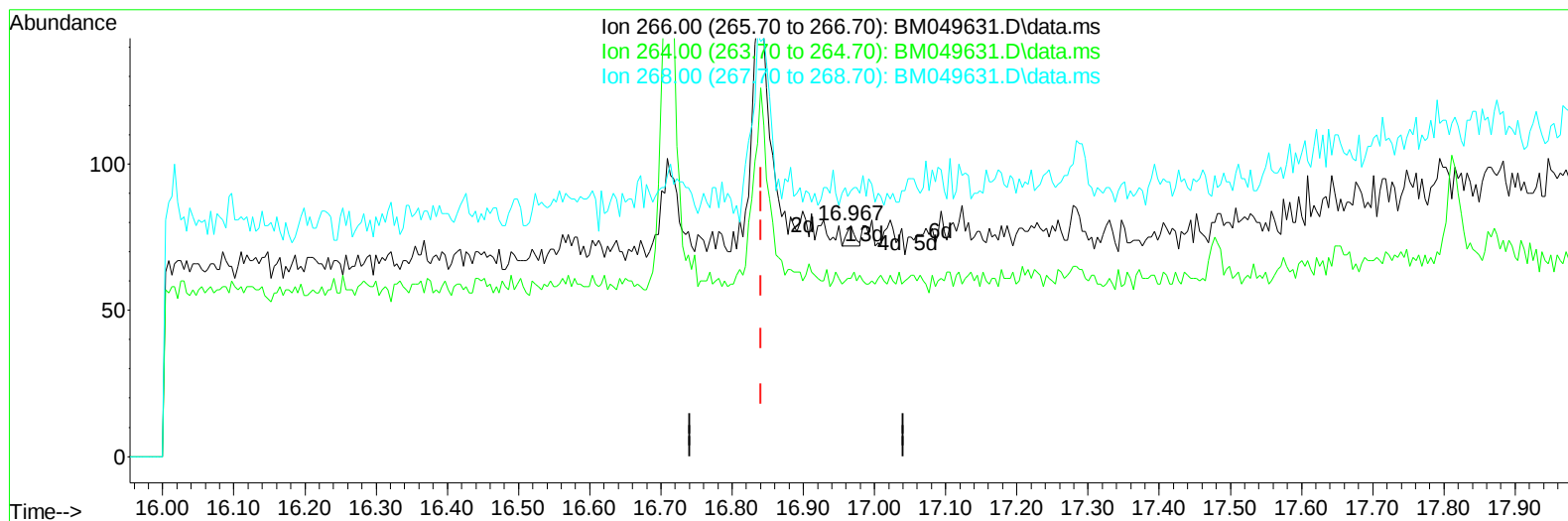
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049631.D\data.ms

(14) Pentachloropheno1

16.967min (+ 0.127) 0.00 ng/u1

response 6

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.90	66.67
268.00	61.50	50.00
0.00	0.00	0.00

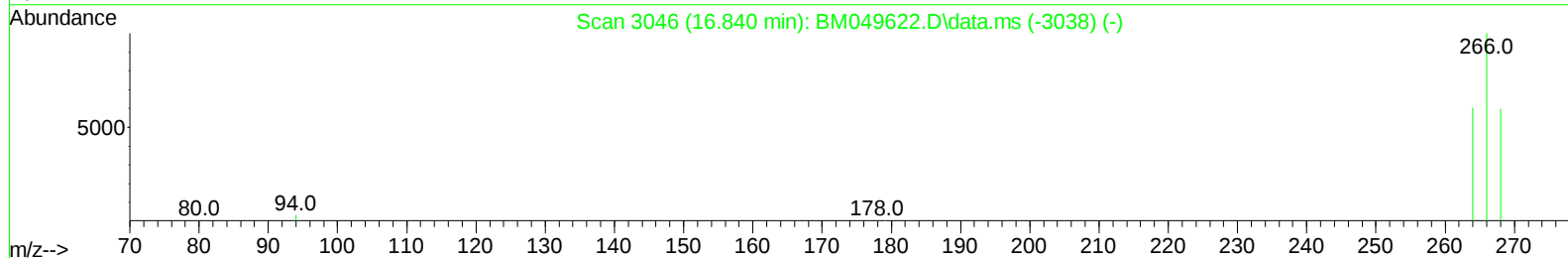
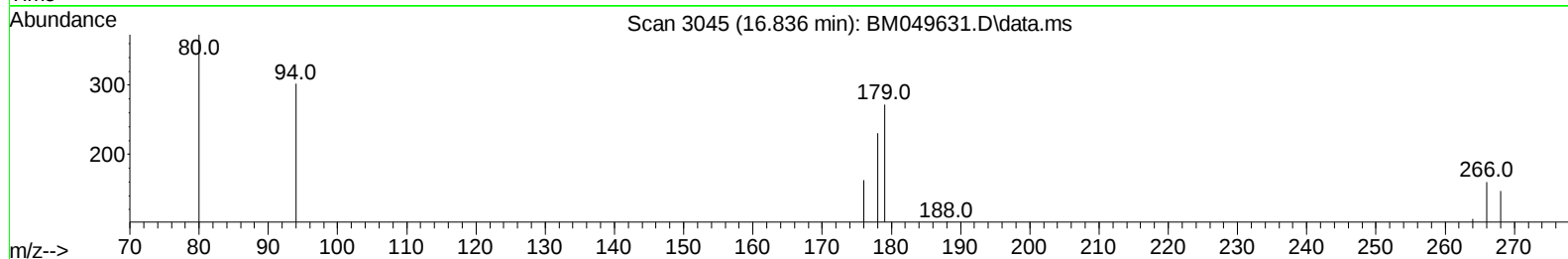
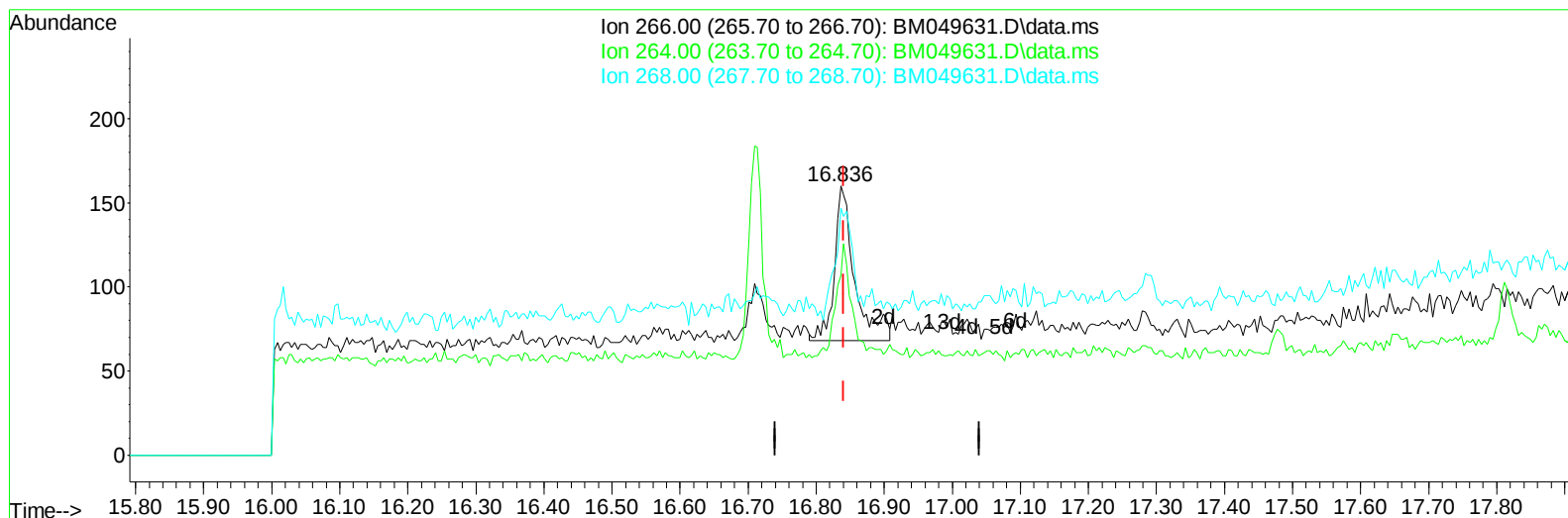
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049631.D\data.ms

(14) Pentachlorophenol

16.836min (-0.004) 0.03 ng/u1 m

response 190

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.90	2.11#
268.00	61.50	1.58#
0.00	0.00	0.00

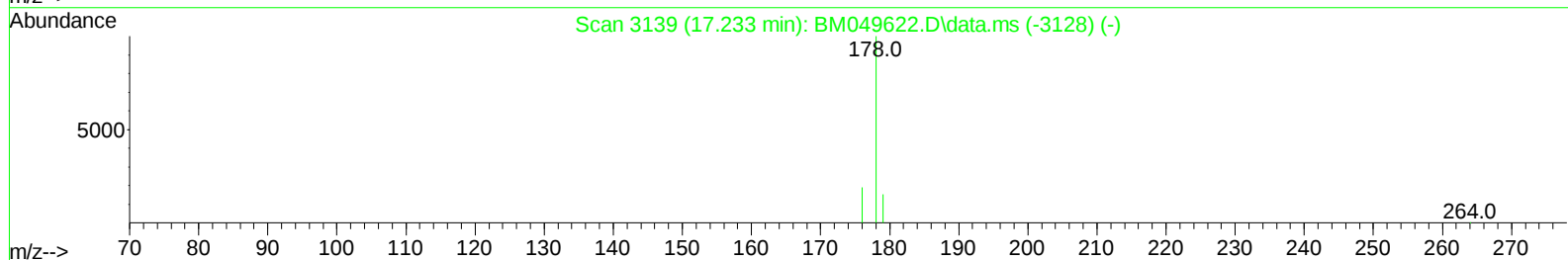
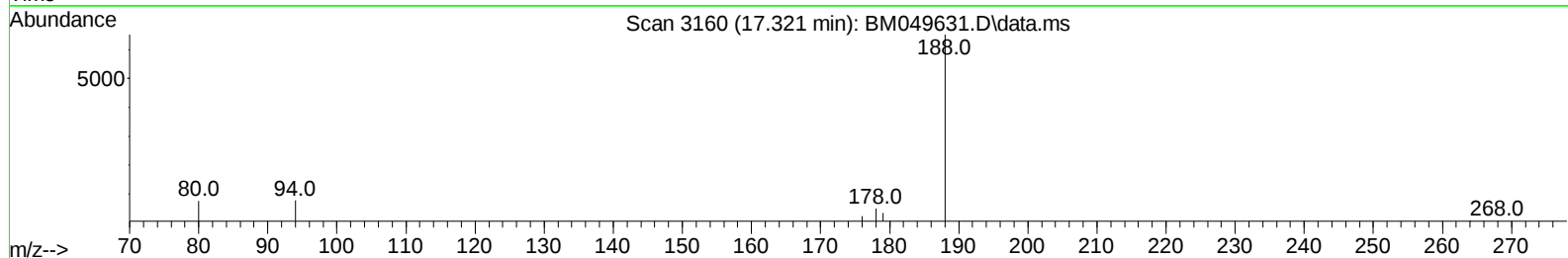
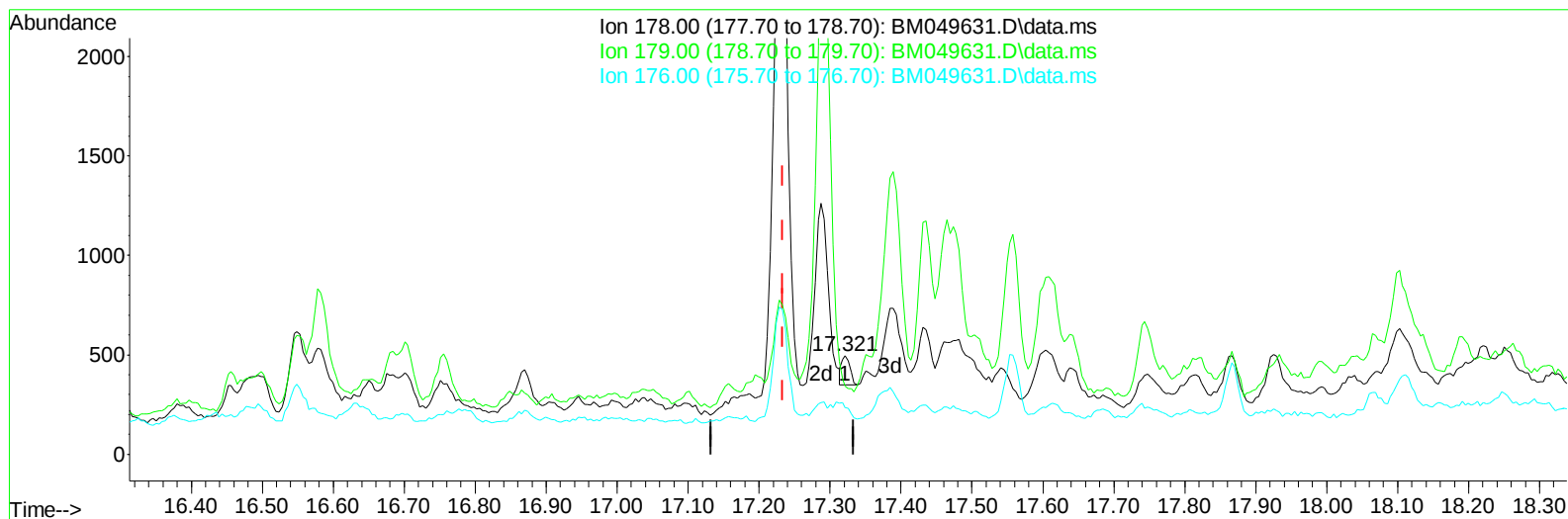
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049631.D\data.ms

(15) Phenanthrene

17.321min (+ 0.089) 0.00 ng/u1

response 120

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	68.95#
176.00	20.20	47.18#
0.00	0.00	0.00

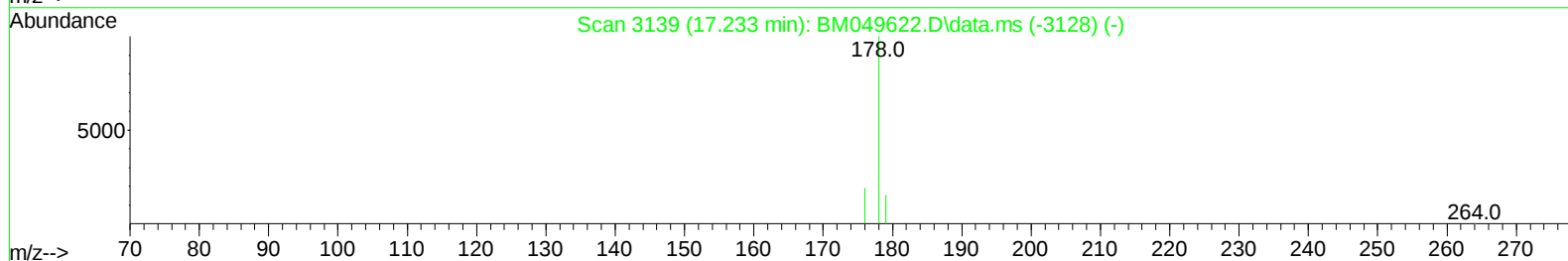
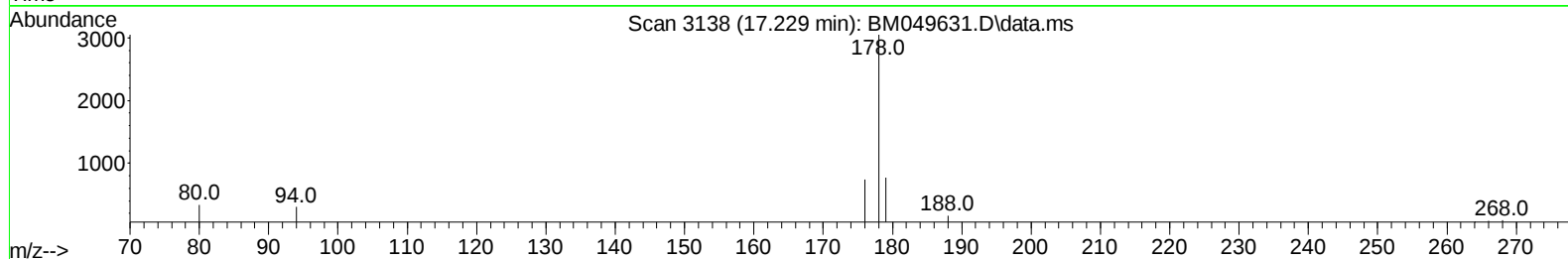
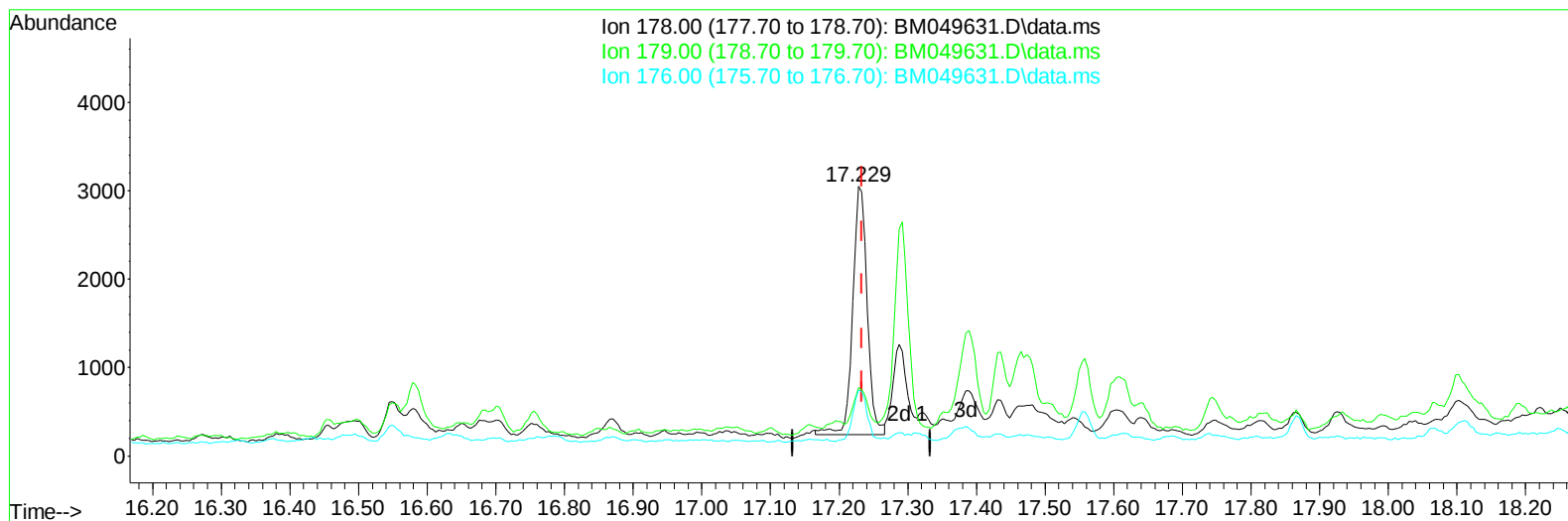
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049631.D\data.ms

(15) Phenanthrene

17.229min (-0.004) 0.05 ng/u1 m

response 4091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	25.46#
176.00	20.20	24.31#
0.00	0.00	0.00

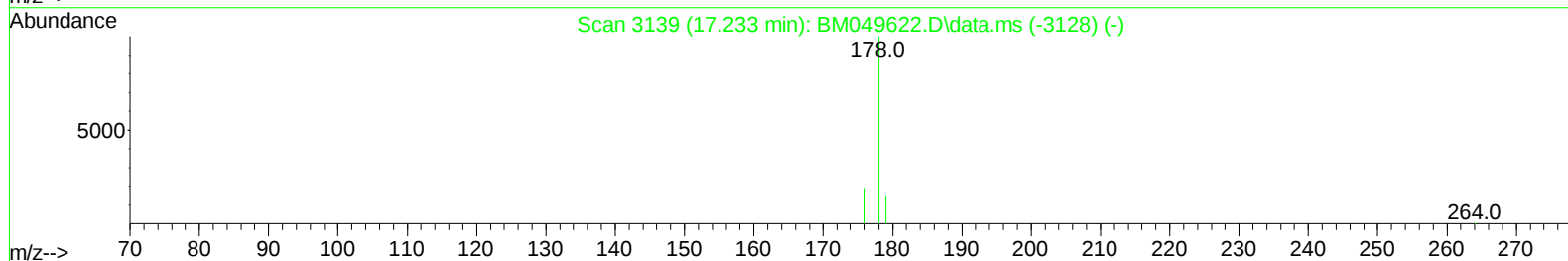
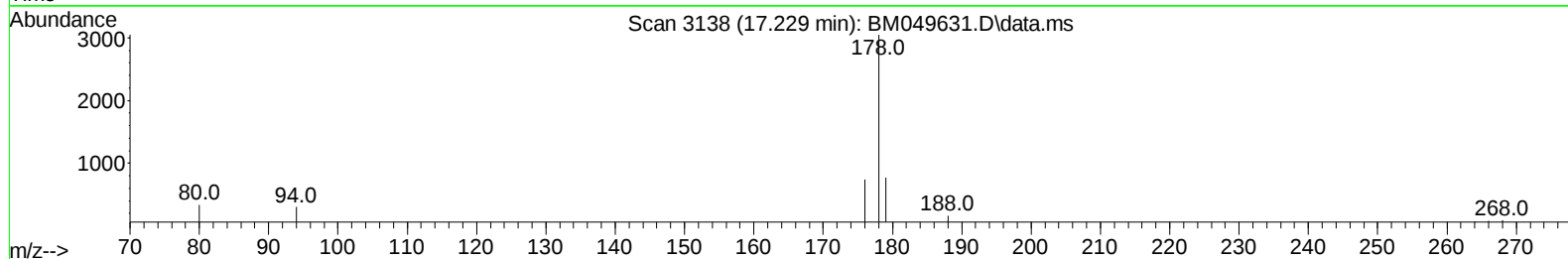
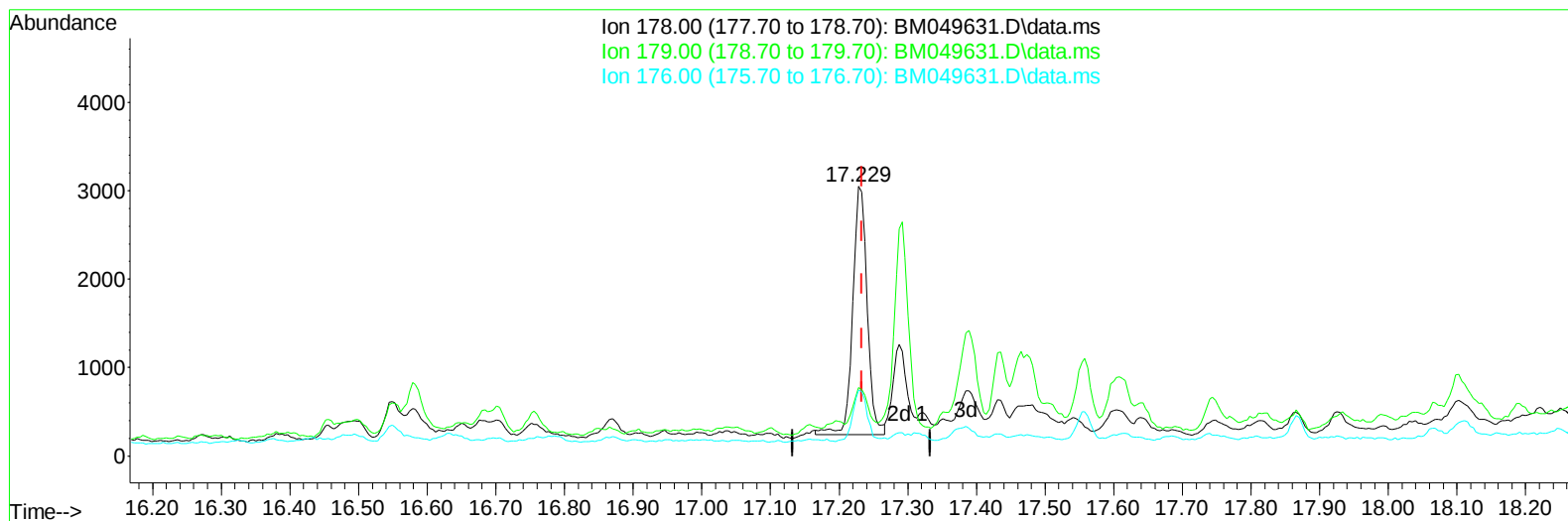
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049631.D\data.ms

(15) Phenanthrene

17.229min (-0.004) 0.05 ng/u1 m

response 4091

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	25.46#
176.00	20.20	24.31#
0.00	0.00	0.00

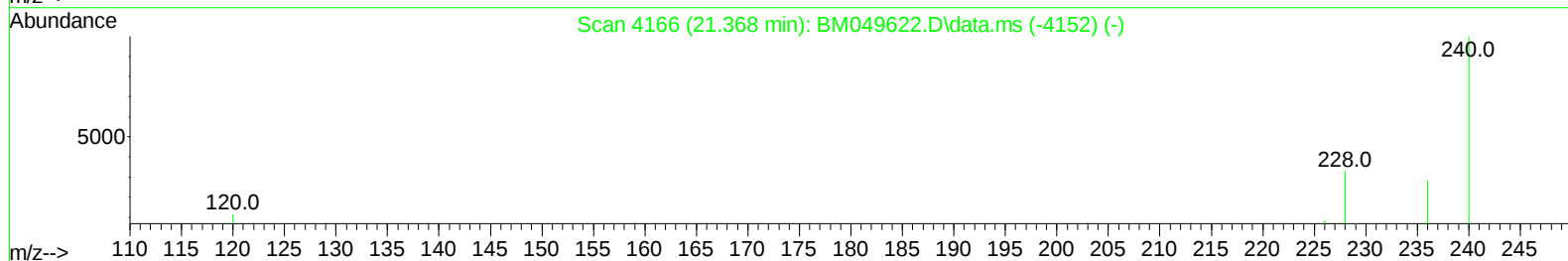
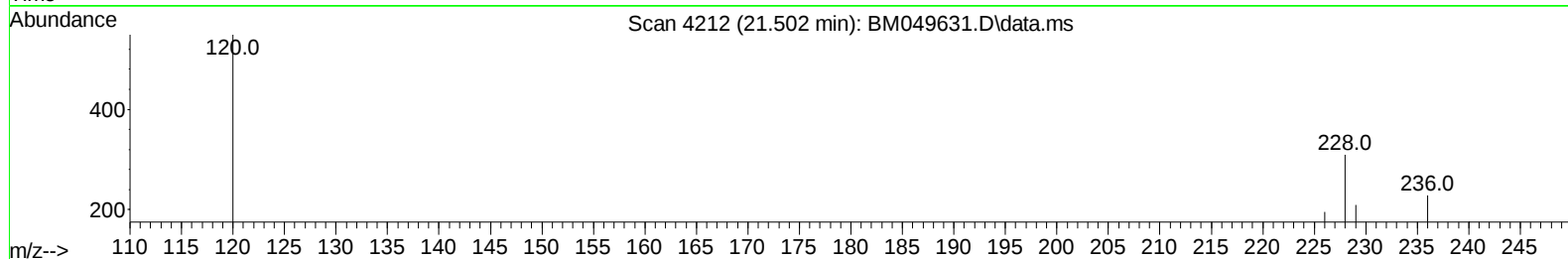
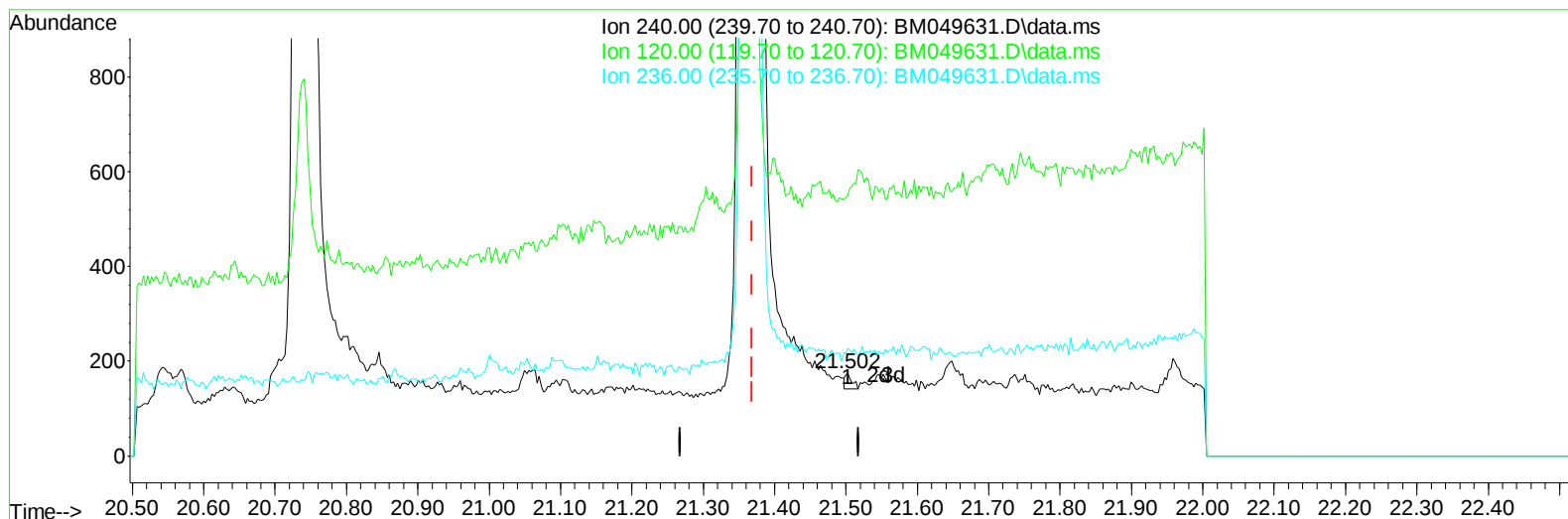
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049631.D\data.ms

(17) Chrysene-d12

21.502min (+ 0.134) 0.40 ng/u1

response 22

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.90	313.71#
236.00	29.30	130.29#
0.00	0.00	0.00

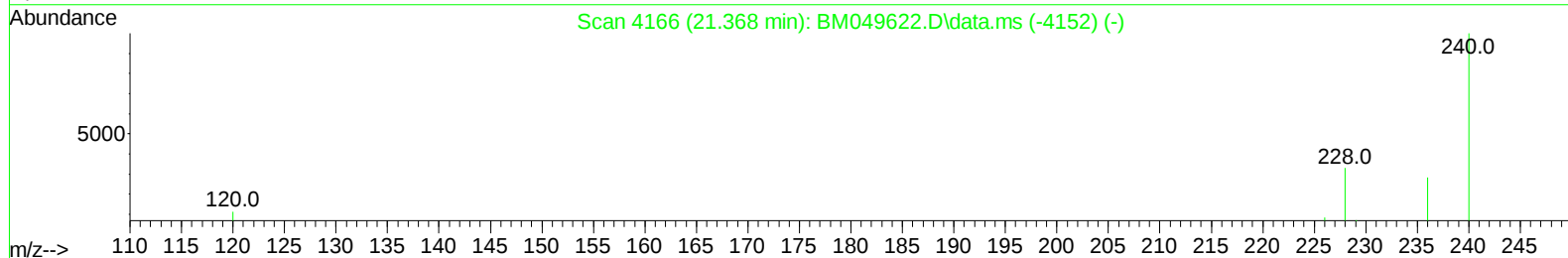
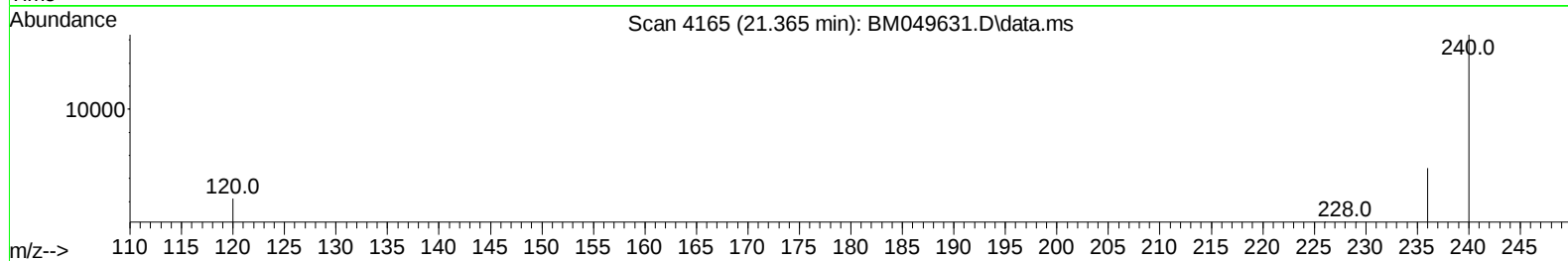
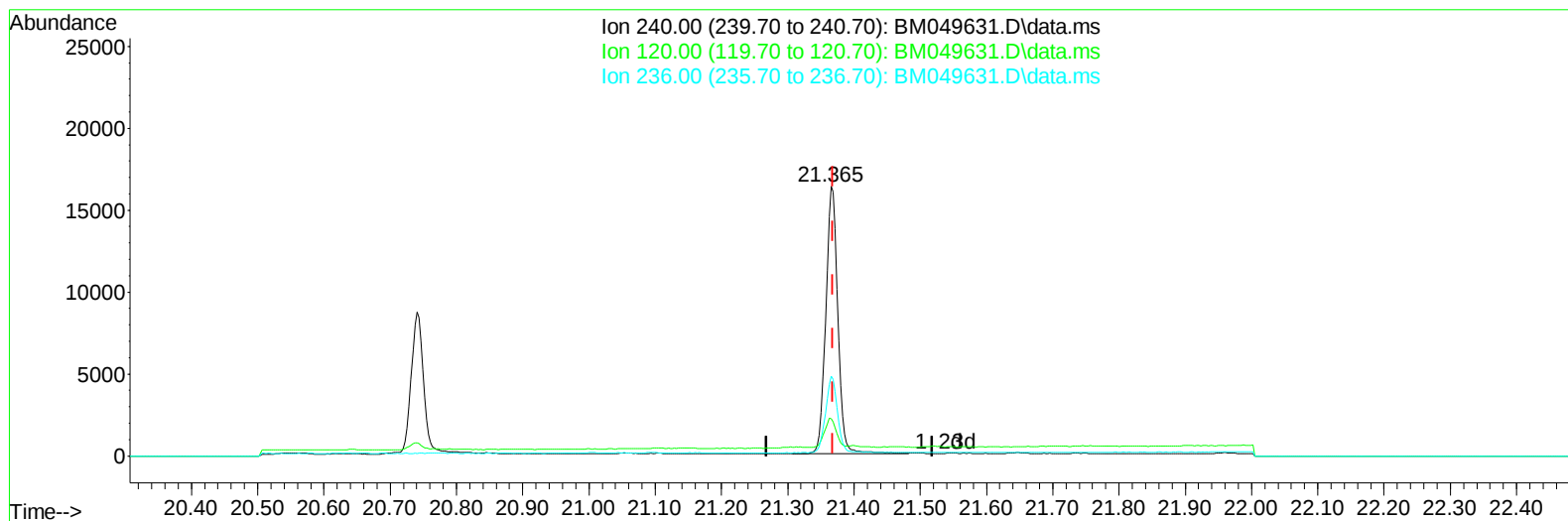
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049631.D\data.ms

(17) Chrysene-d12

21.365min (-0.003) 0.40 ng/u1 m

response 20712

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.90	13.79
236.00	29.30	29.67
0.00	0.00	0.00

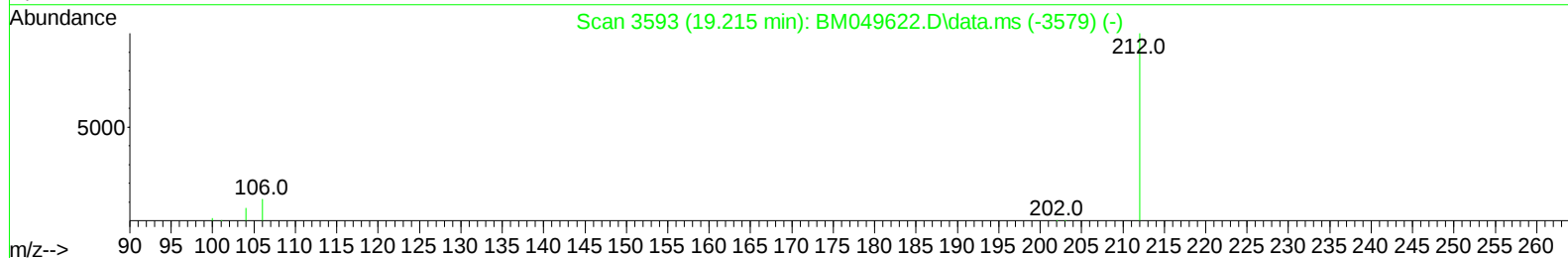
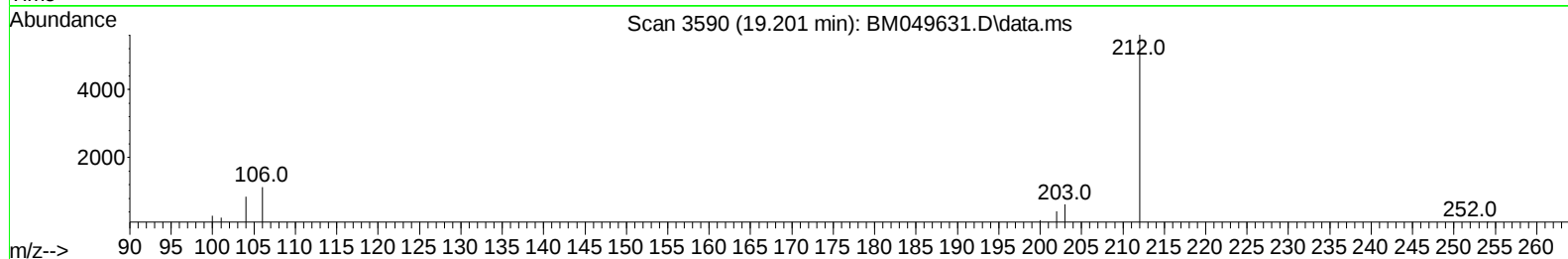
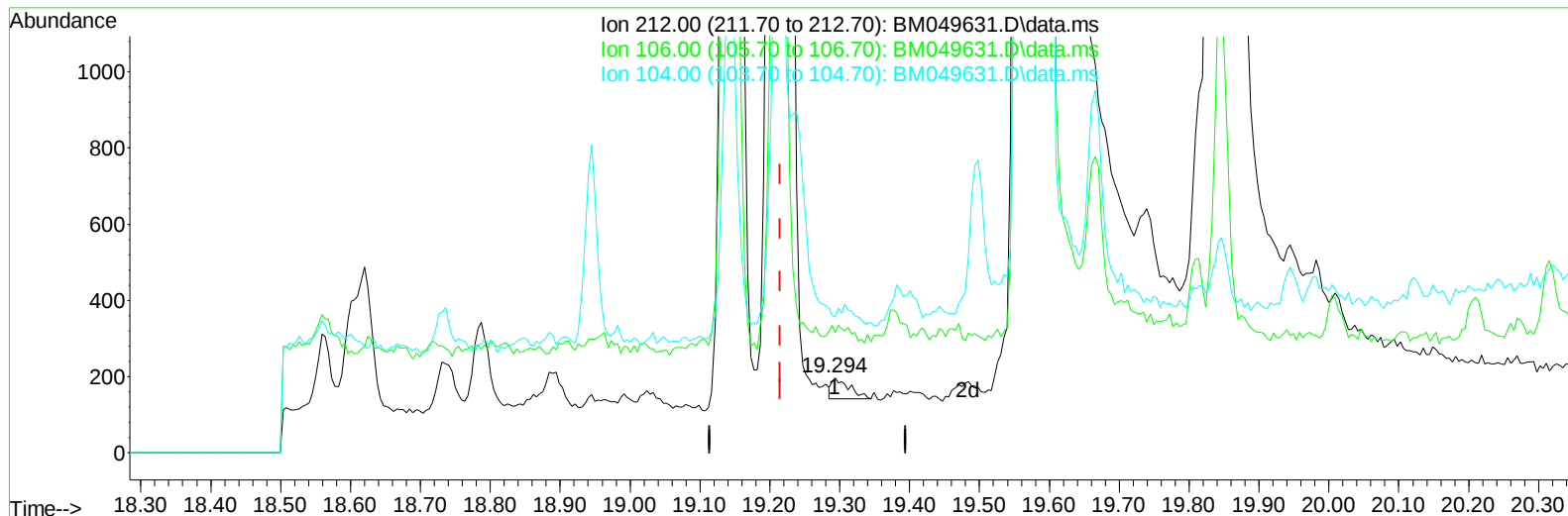
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049631.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.294min (+ 0.079) 0.00 ng/u1

response 96

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.30	97.92#
104.00	9.20	88.54#
0.00	0.00	0.00

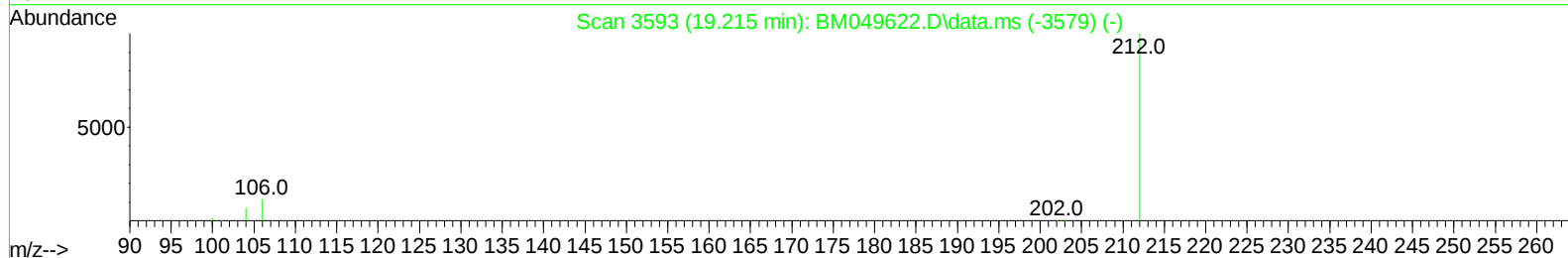
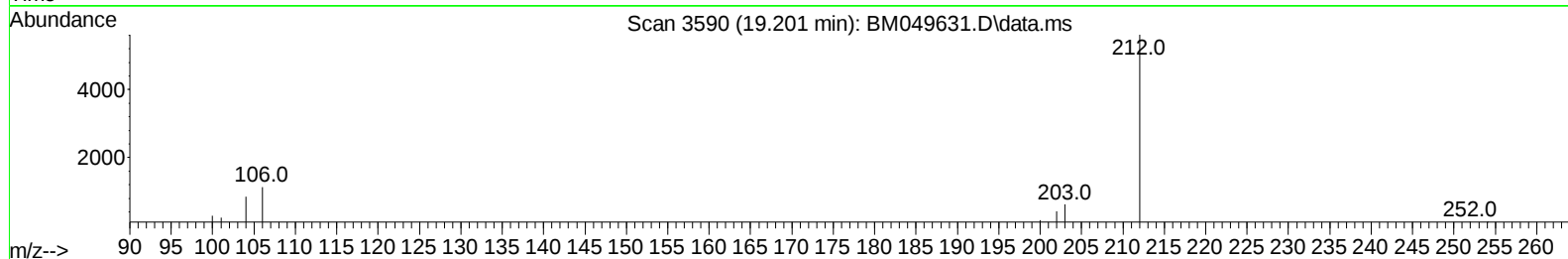
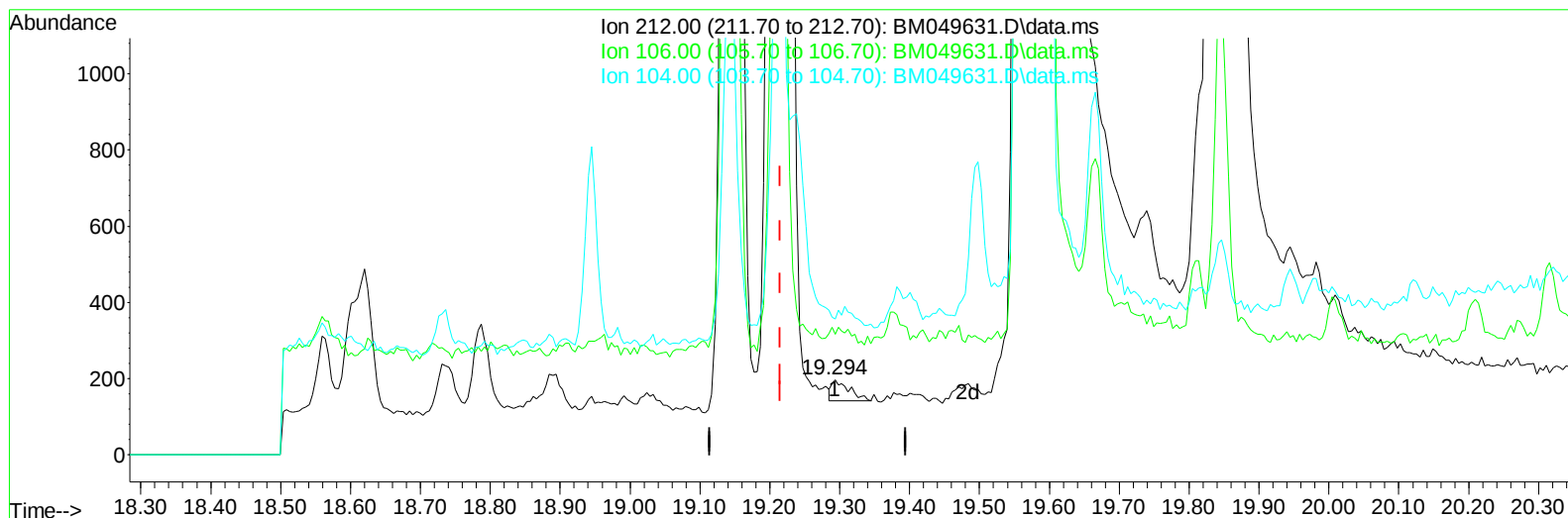
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
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TIC: BM049631.D\data.ms

(18) Fluoranthene-d10 (SURRE)

19.294min (+ 0.079) 0.00 ng/u1

response 96

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.30	97.92#
104.00	9.20	88.54#
0.00	0.00	0.00

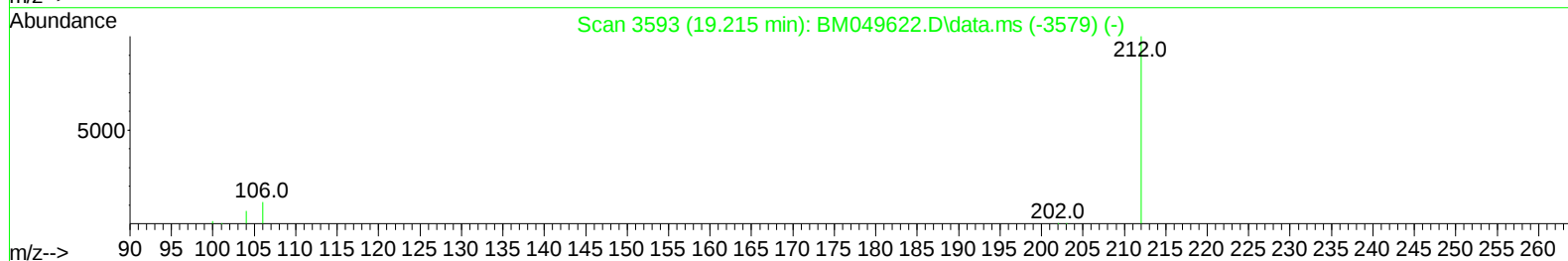
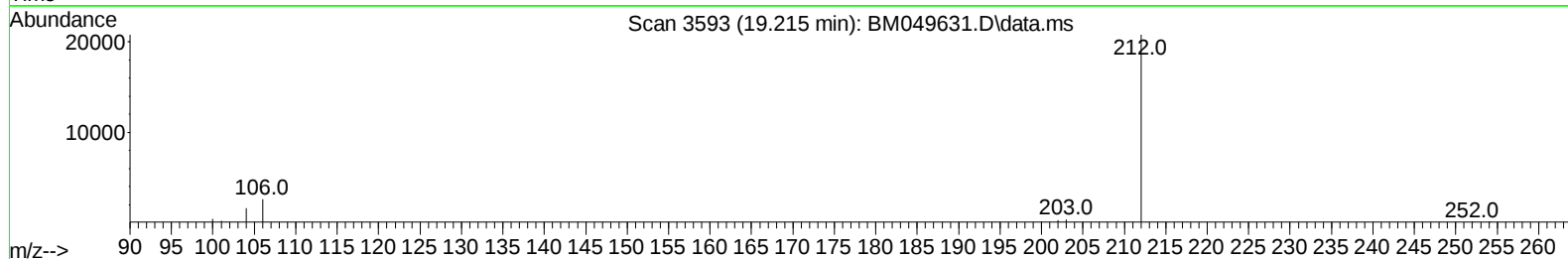
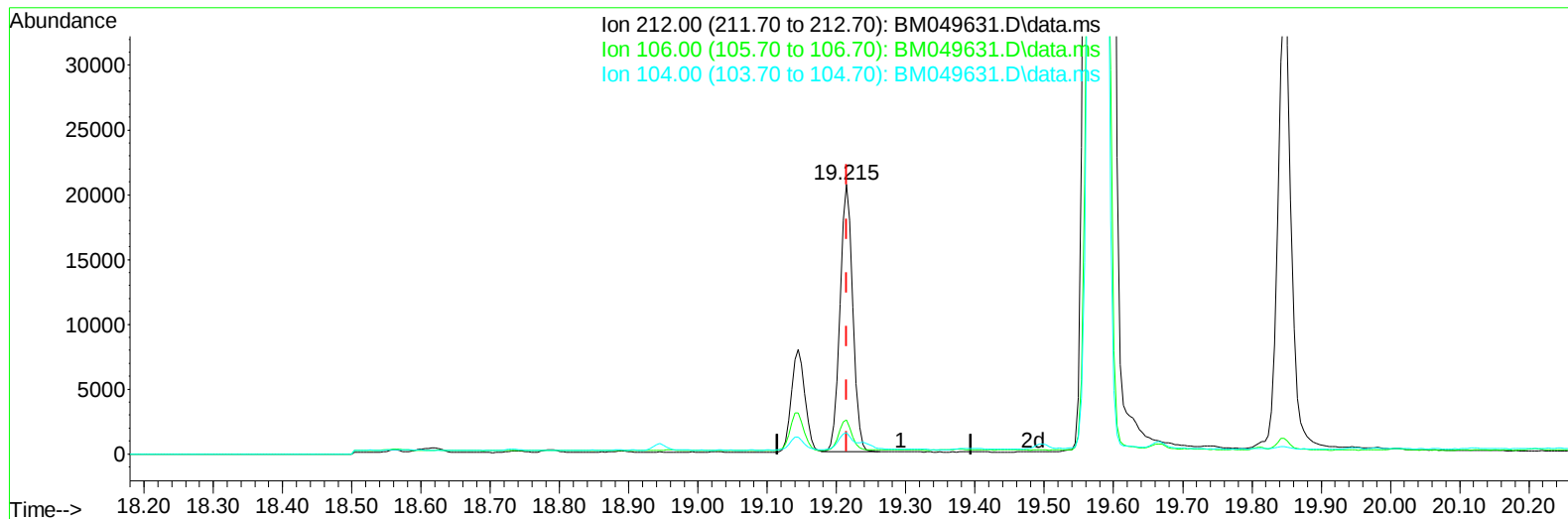
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

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TIC: BM049631.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.215min (-0.000) 0.42 ng/u1 m

response 26504

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.30	0.35#
104.00	9.20	0.32#
0.00	0.00	0.00

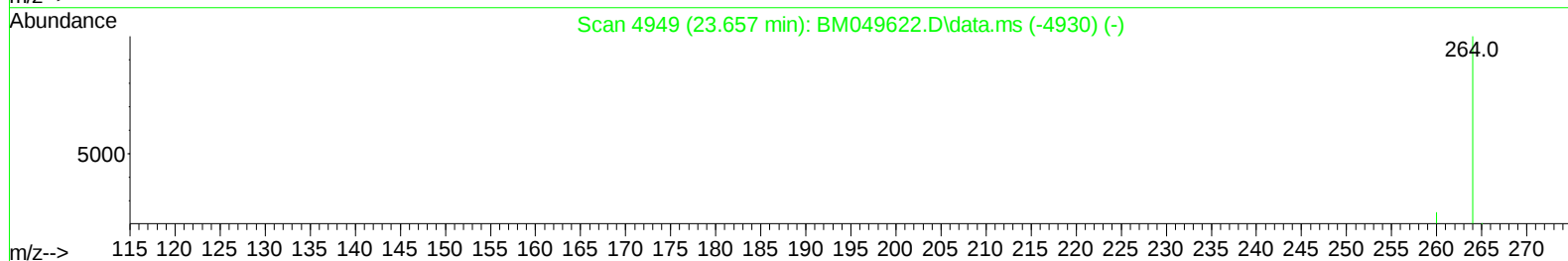
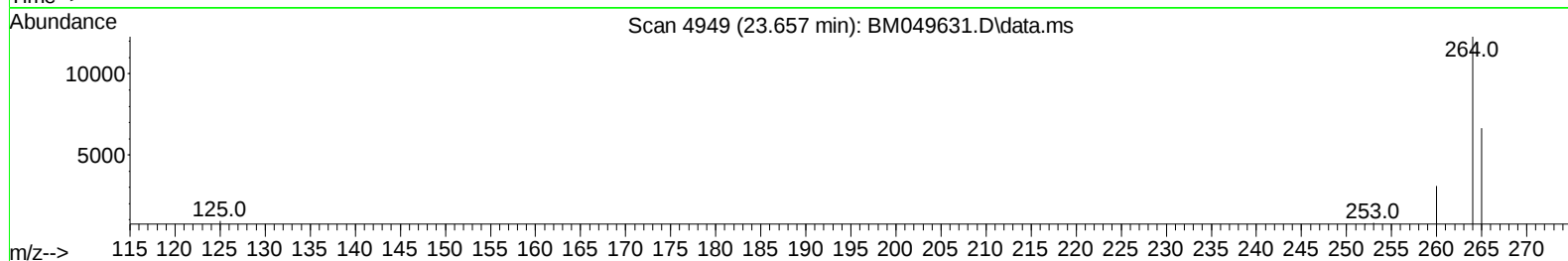
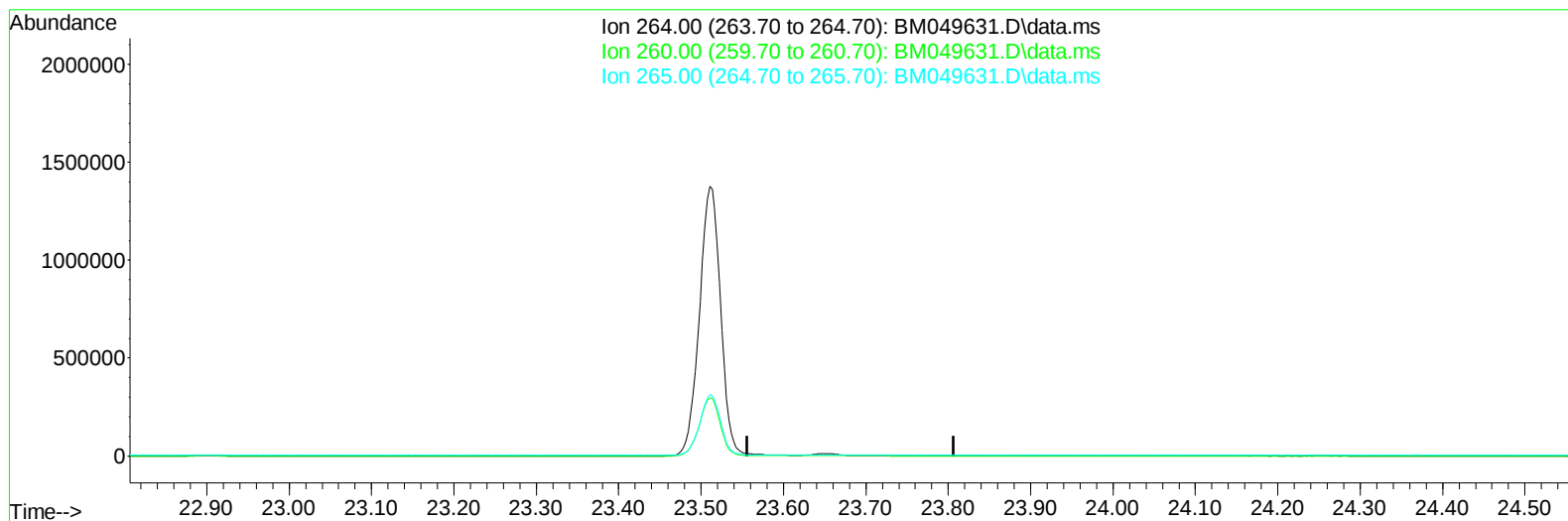
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049631.D\data.ms

(23) Perylene-d12 (I)

23.657min (-23.657) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	26.10	0.00#
265.00	67.10	0.00#
0.00	0.00	0.00

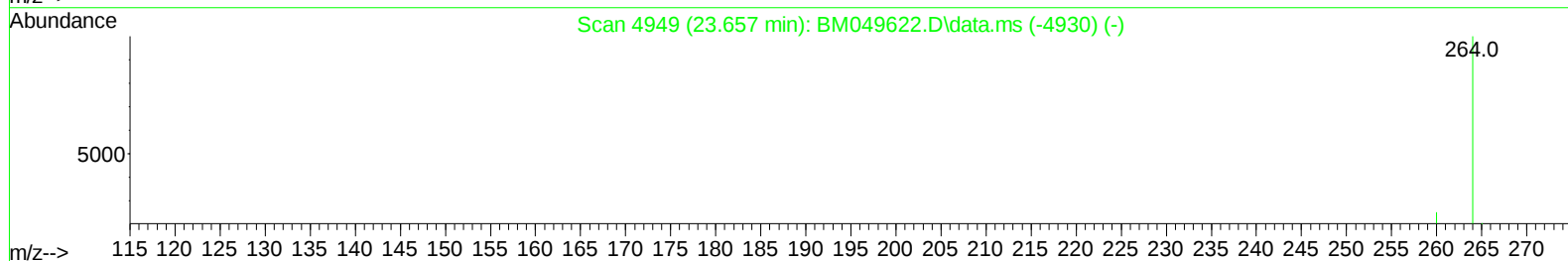
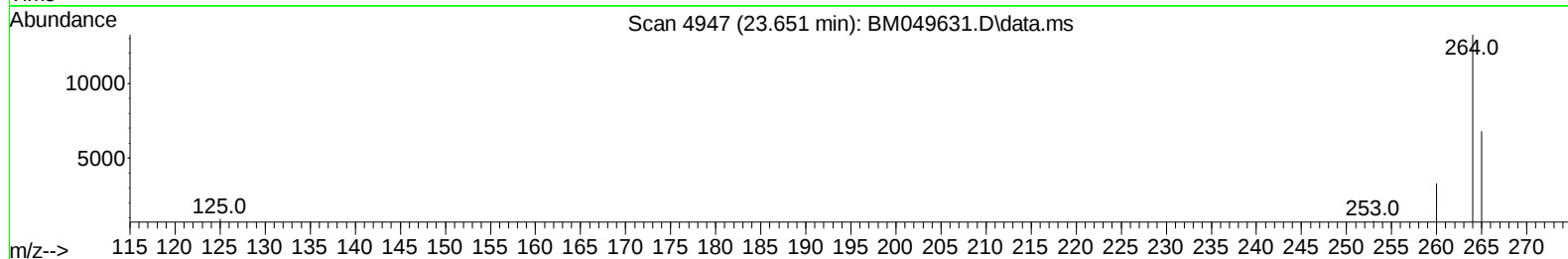
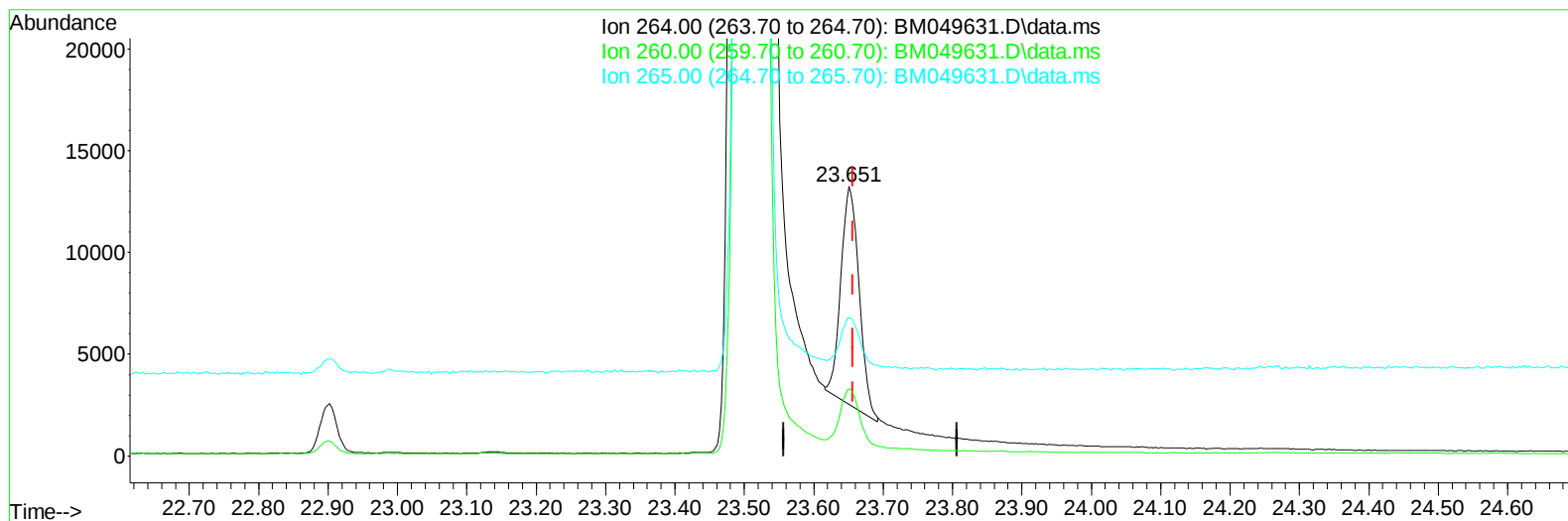
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049631.D
Acq On : 12 Feb 2025 22:45
Operator : RC/JU
Sample : Q1336-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29D1

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:59:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049631.D\data.ms

(23) Perylene-d12 (I)

23.651min (-0.006) 0.40 ng/ul m

response 19473

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	24.86
265.00	67.10	51.20#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049631.D
 Acq On : 12 Feb 2025 22:45
 Operator : RC/JU
 Sample : Q1336-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
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 QLast Update : Wed Feb 12 16:40:36 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	6677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	18735	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	11233	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	28349m	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	20712m	0.400	ng/ul	0.00
23) Perylene-d12	23.651	264	19473m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	43309	5.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	10087	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	26504m	0.420	ng/ul	0.00
Target Compounds						Qvalue
12) Fluorene	15.495	166	1219	0.031	ng/ul#	85
14) Pentachlorophenol	16.836	266	190m	0.033	ng/ul	
15) Phenanthrene	17.229	178	4091m	0.054	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
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ALS Vial : 20 Sample Multiplier: 1

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