

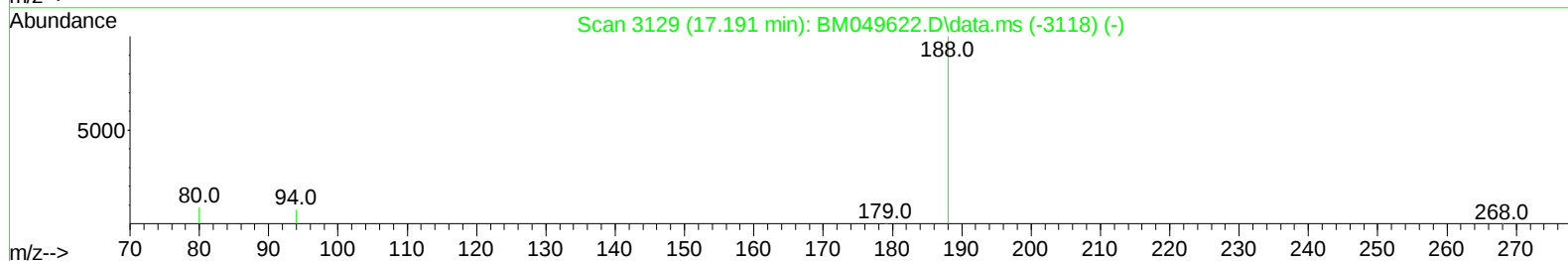
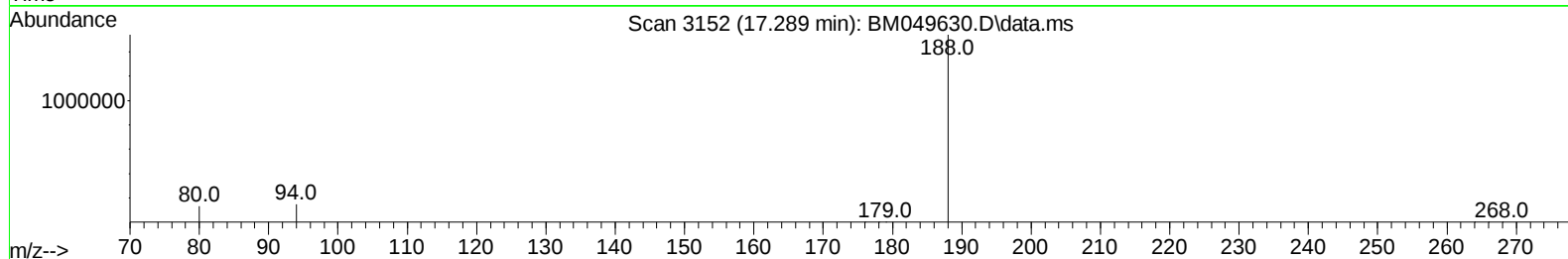
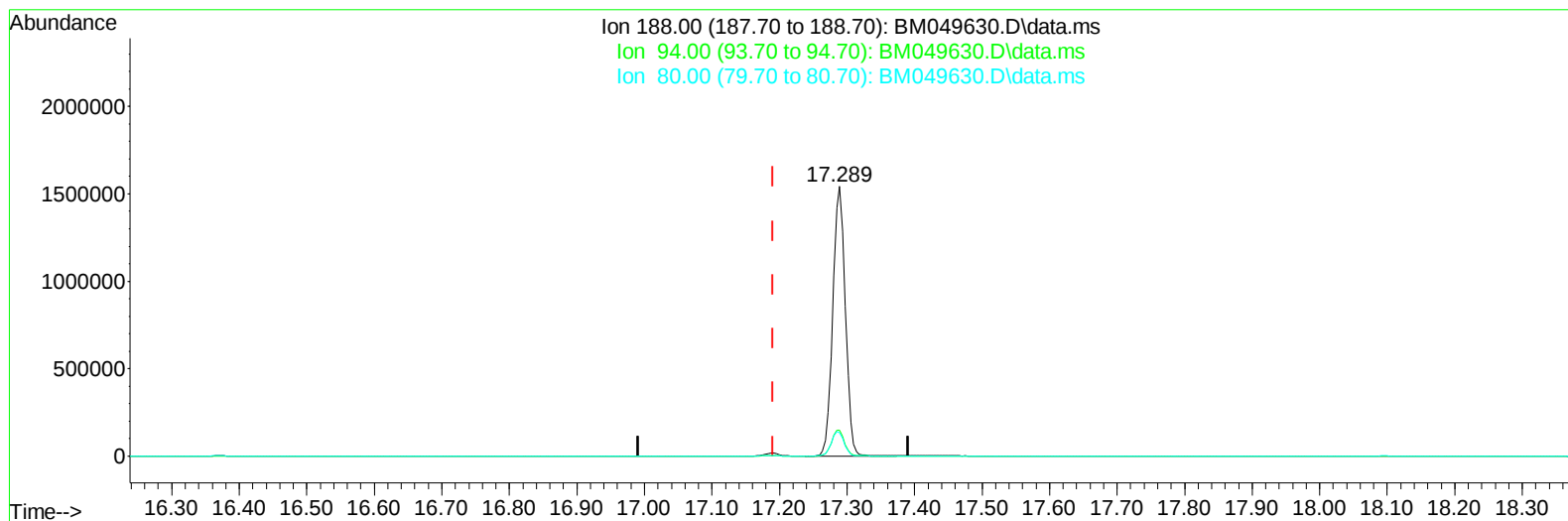
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(13) Phenanthrene-d10 (I)

17.289min (+ 0.098) 0.40 ng/u1

response 1990669

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	9.46
80.00	9.30	8.63
0.00	0.00	0.00

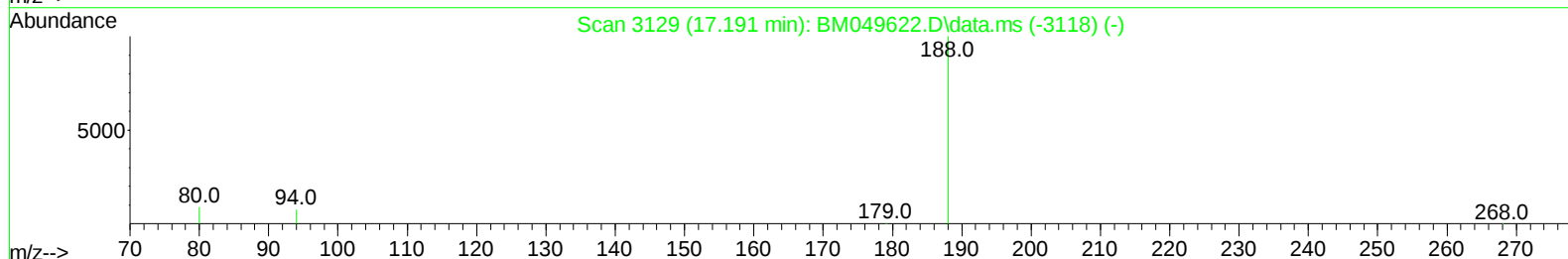
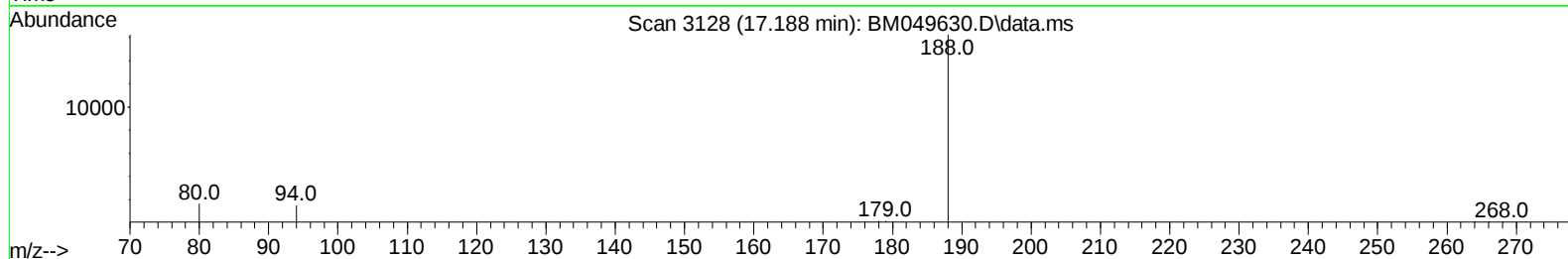
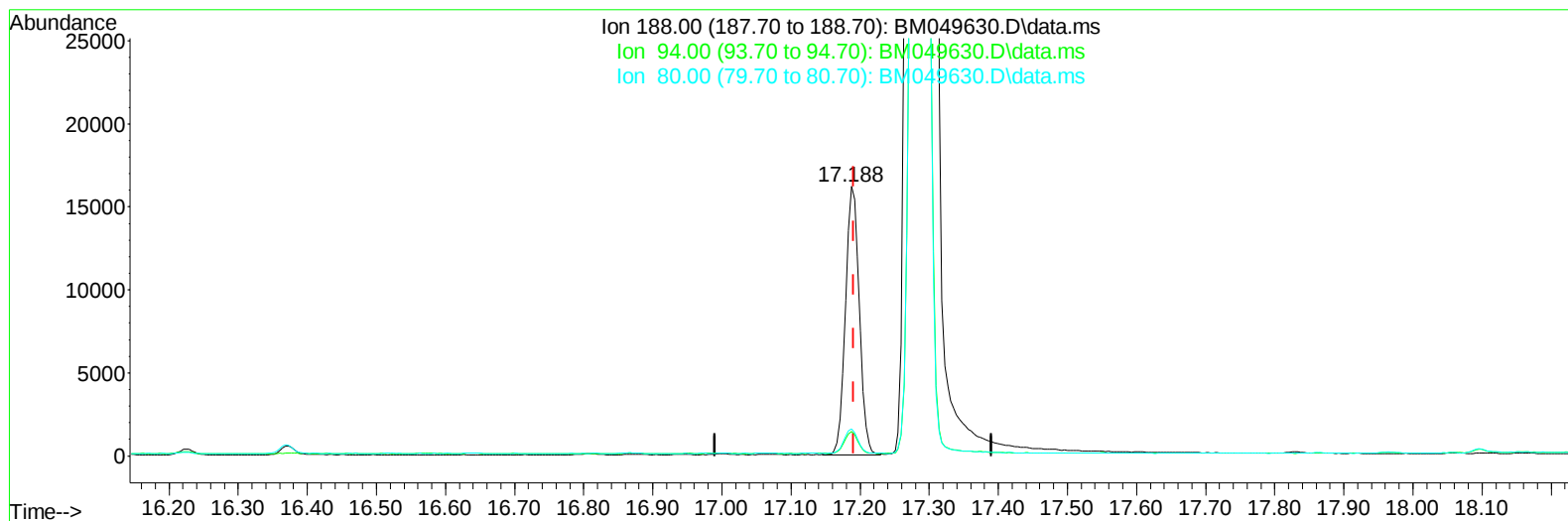
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(13) Phenanthrene-d10 (I)

17.188min (-0.003) 0.40 ng/ul m

response 22396

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	9.15
80.00	9.30	10.13
0.00	0.00	0.00

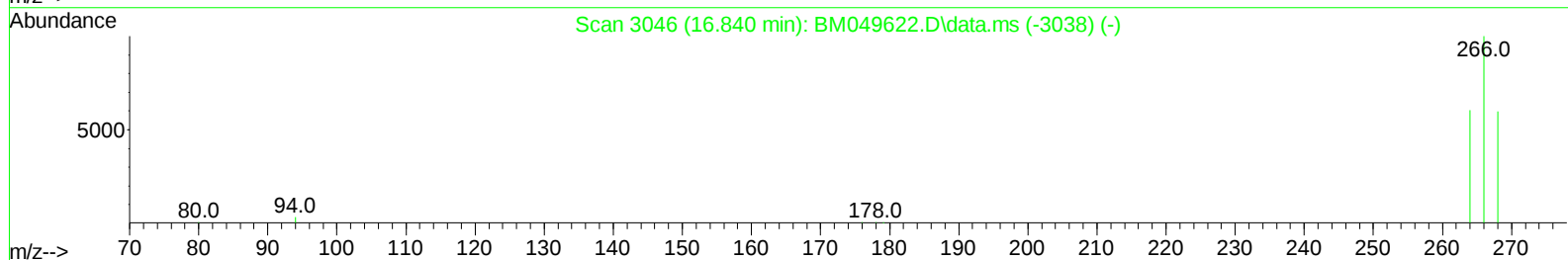
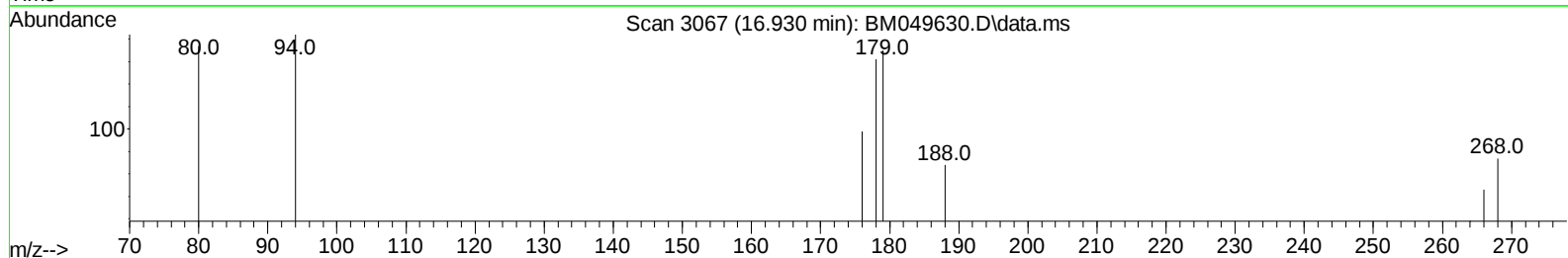
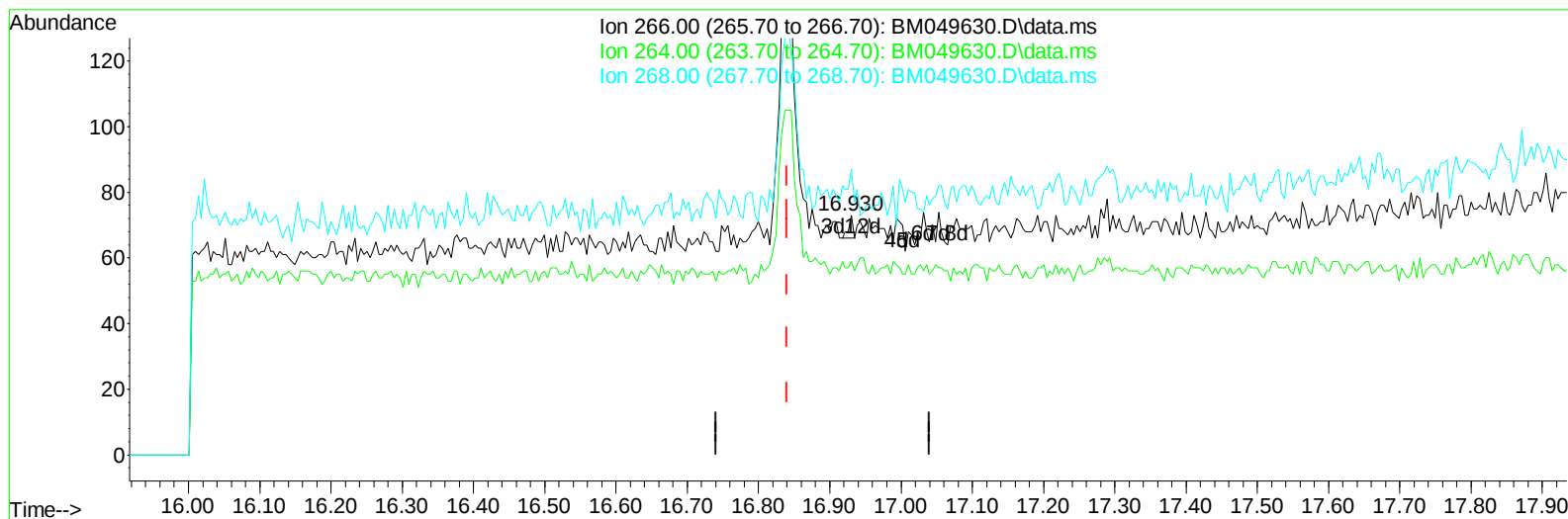
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(14) Pentachloropheno1

16.930min (+ 0.090) 0.00 ng/u1

response	3	
Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.90	0.00#
268.00	61.50	366.67#
0.00	0.00	0.00

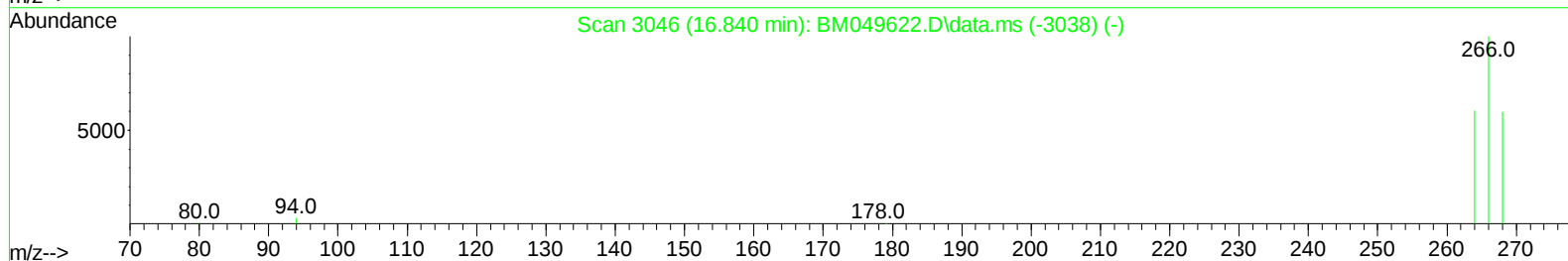
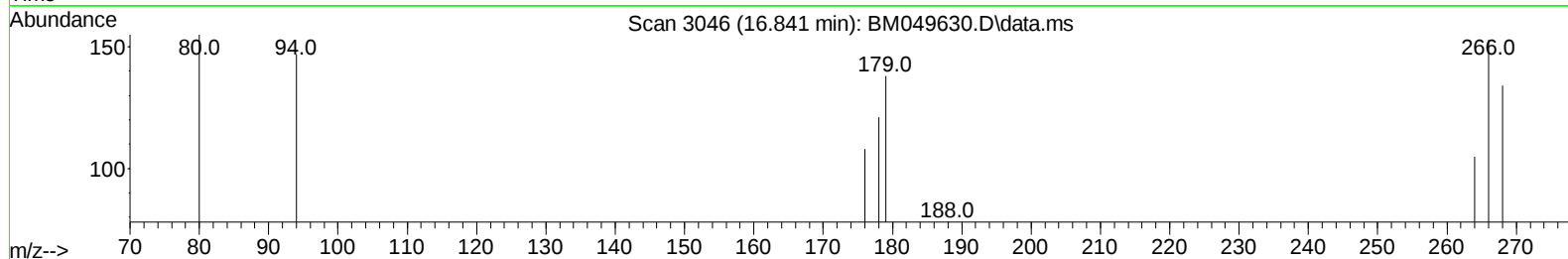
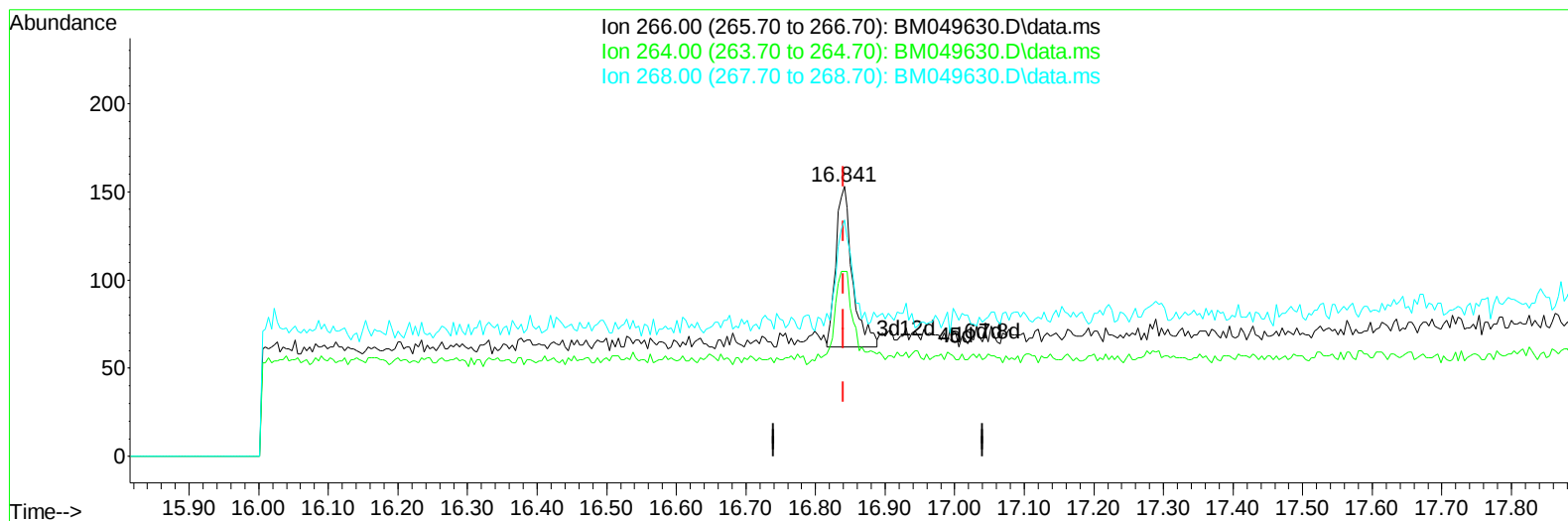
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(14) Pentachlorophenol

16.841min (+ 0.001) 0.03 ng/u1 m

response 150

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.90	0.00#
268.00	61.50	7.33#
0.00	0.00	0.00

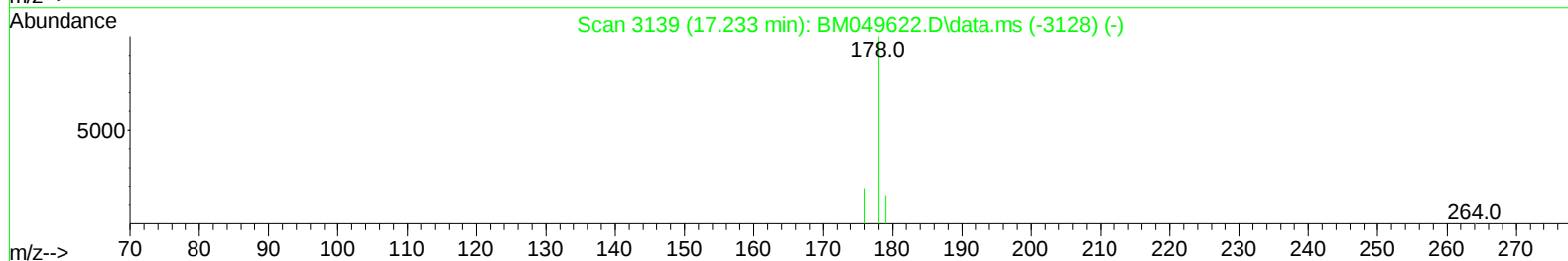
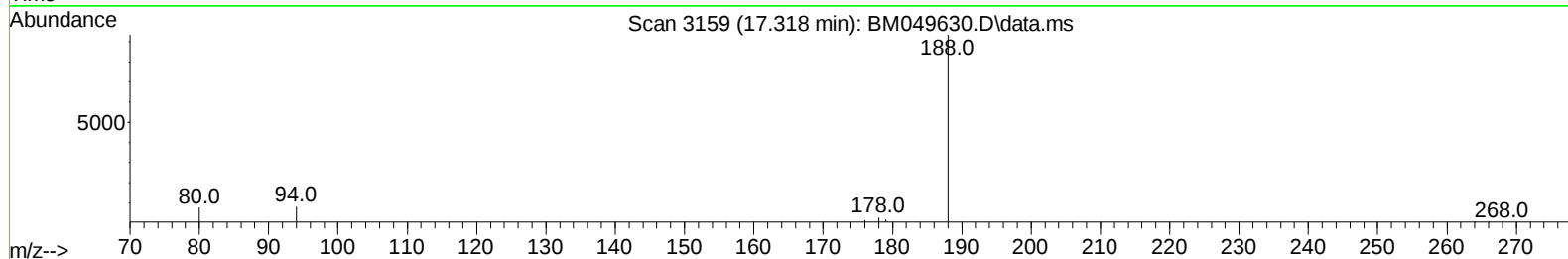
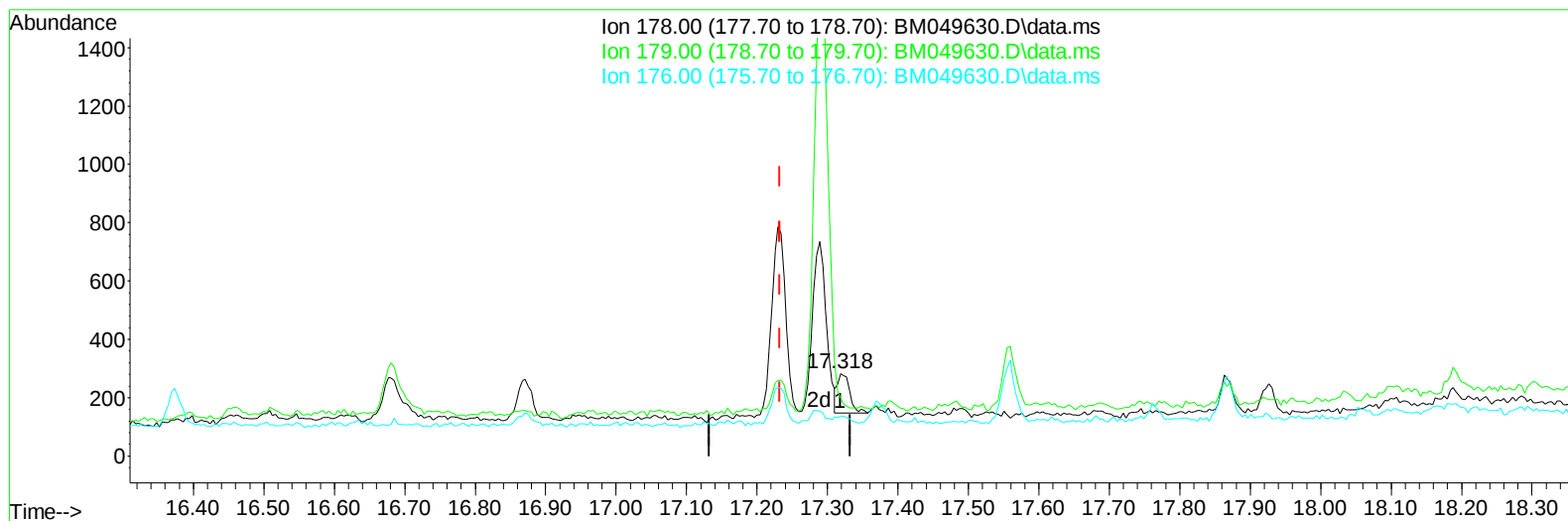
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(15) Phenanthrene

17.318min (+ 0.085) 0.00 ng/u1

response 160

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	69.61#
176.00	20.20	48.06#
0.00	0.00	0.00

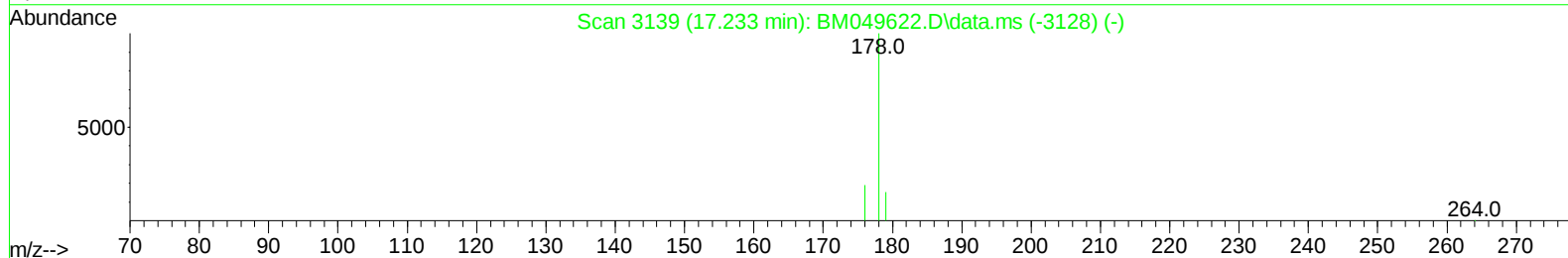
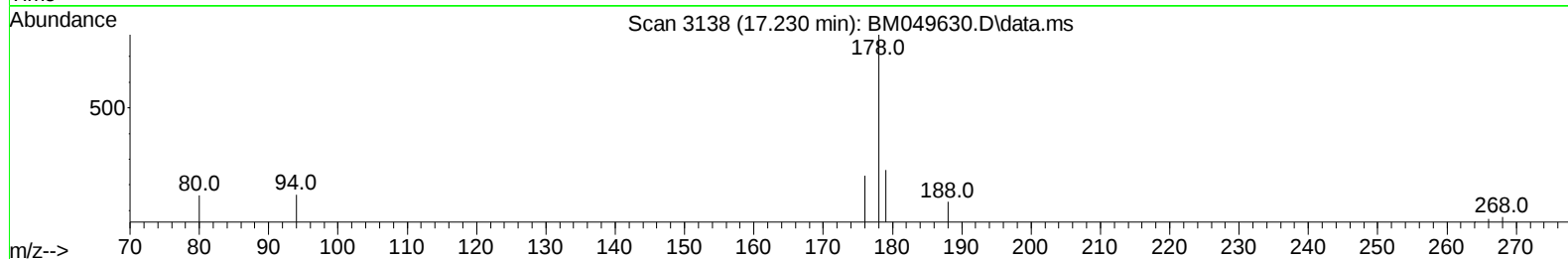
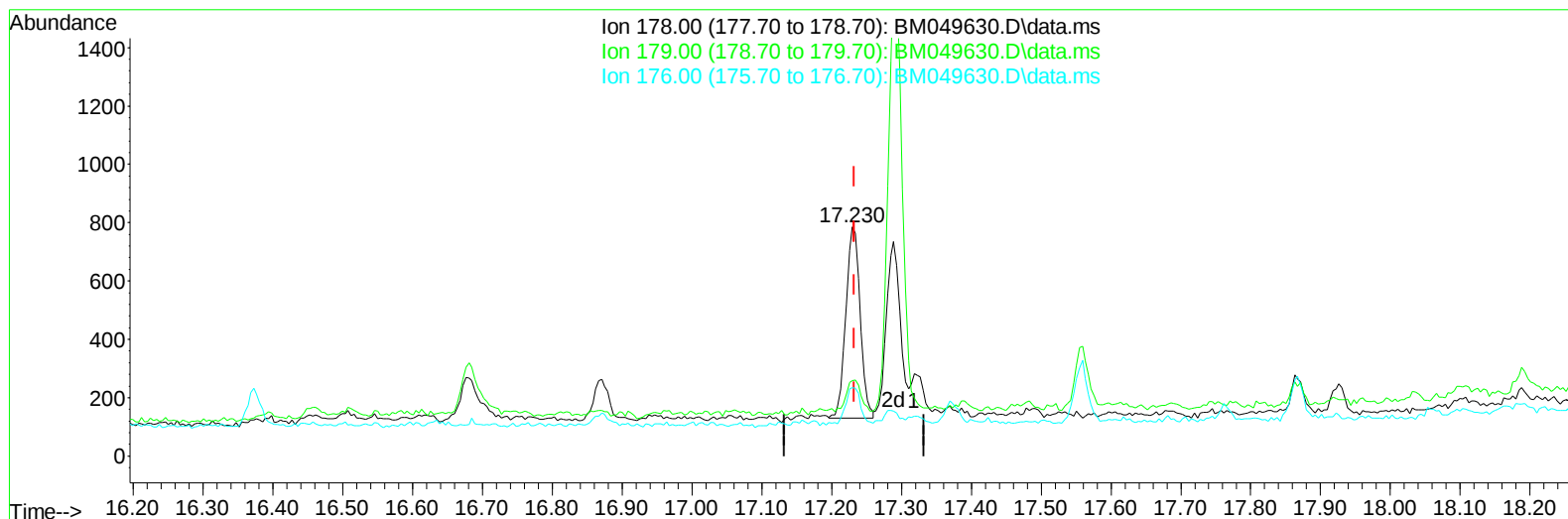
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(15) Phenanthrene

17.230min (-0.003) 0.02 ng/ul m

response 930

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	32.87#
176.00	20.20	29.94#
0.00	0.00	0.00

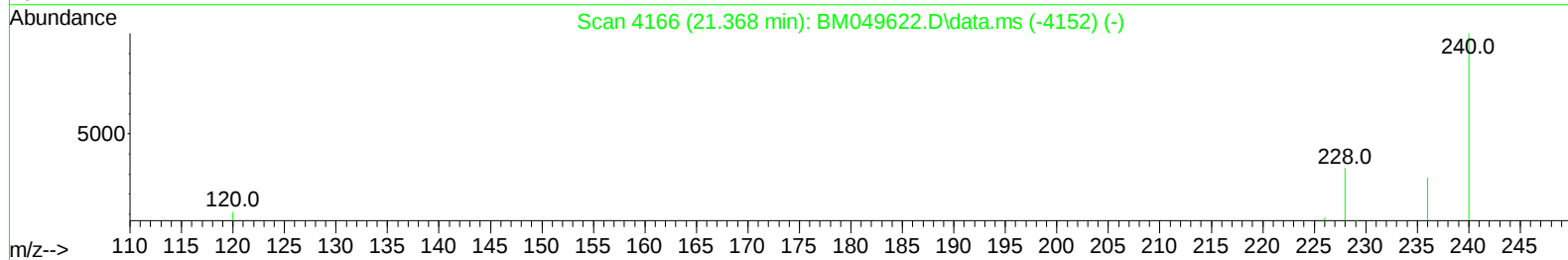
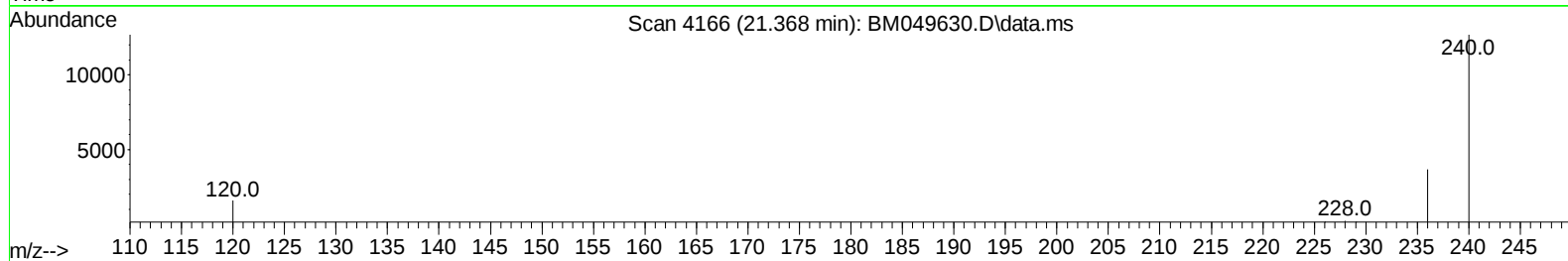
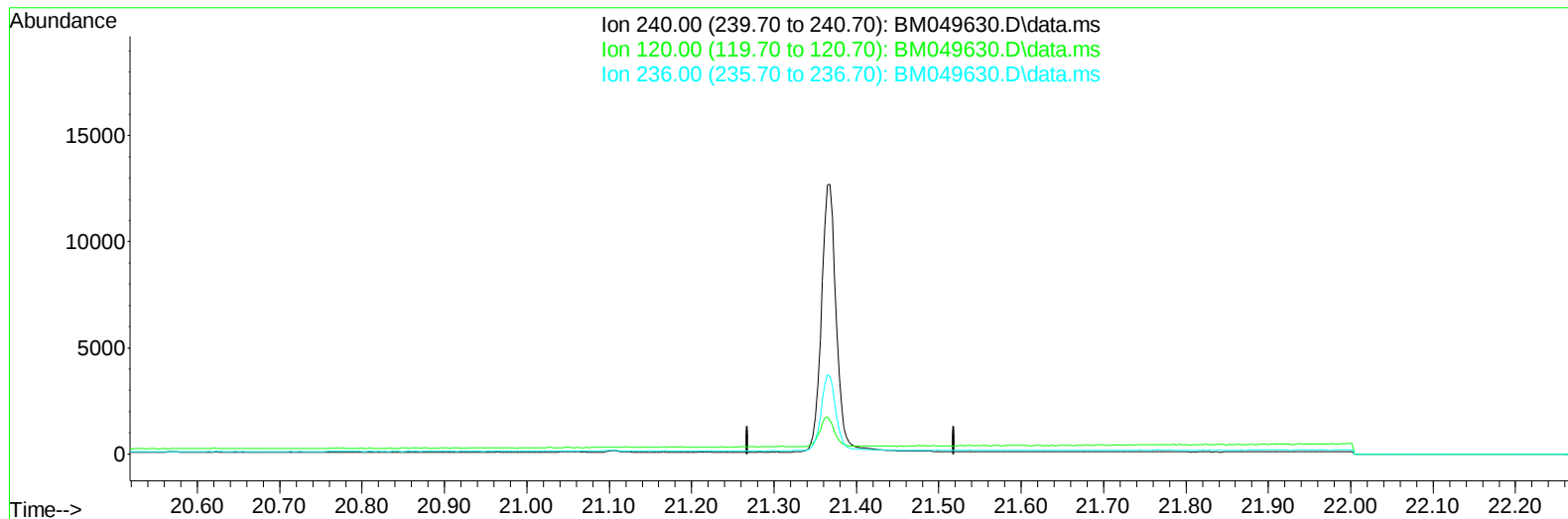
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(17) Chrysene-d12

21.368min (-21.368) 0.00 ng/u1

response 0

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

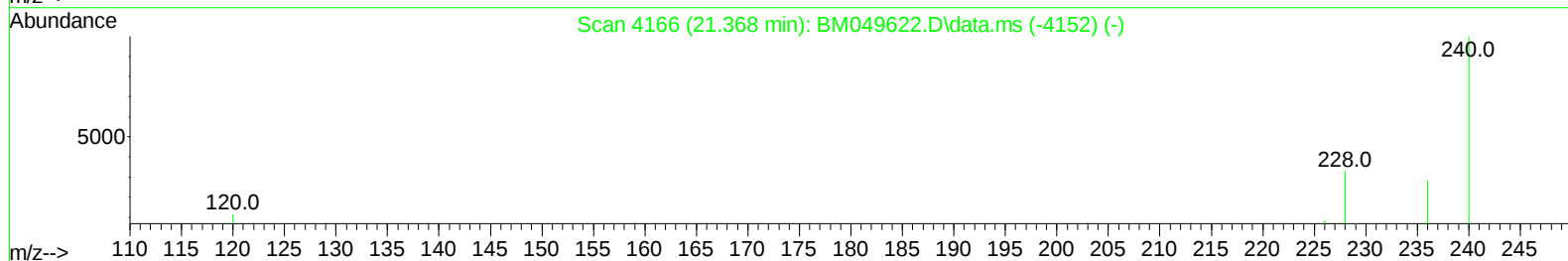
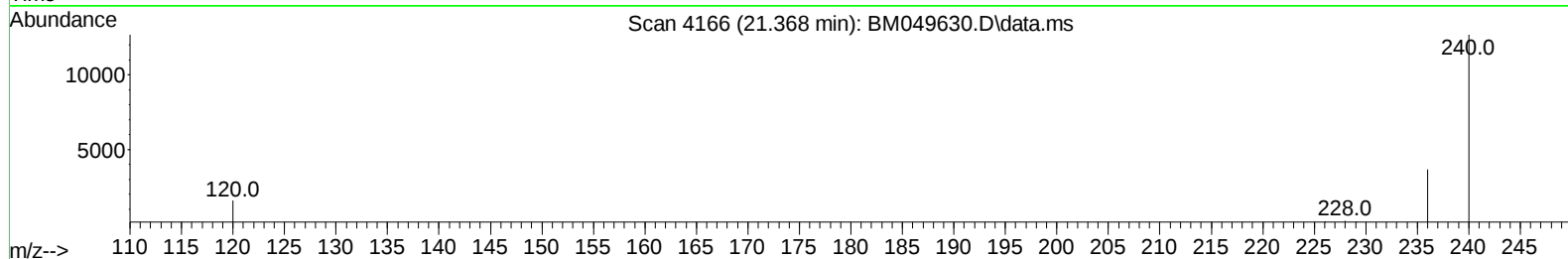
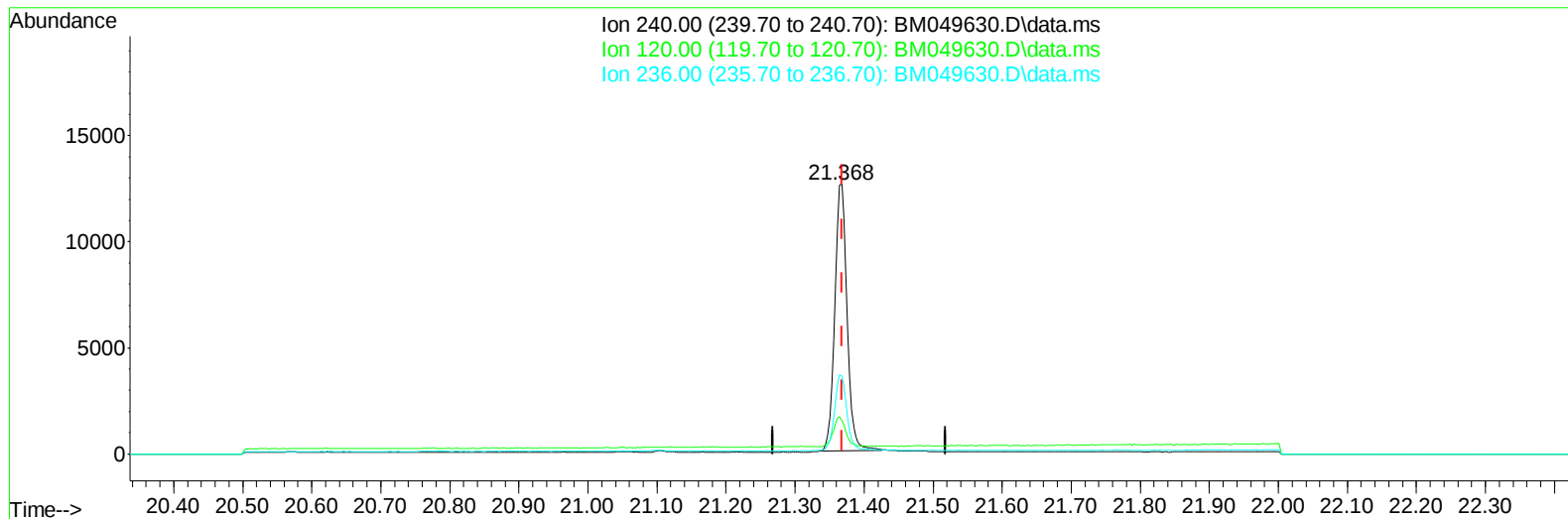
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(17) Chrysene-d12

21.368min (-0.001) 0.40 ng/ul m

response 15517

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.90	12.39
236.00	29.30	28.95
0.00	0.00	0.00

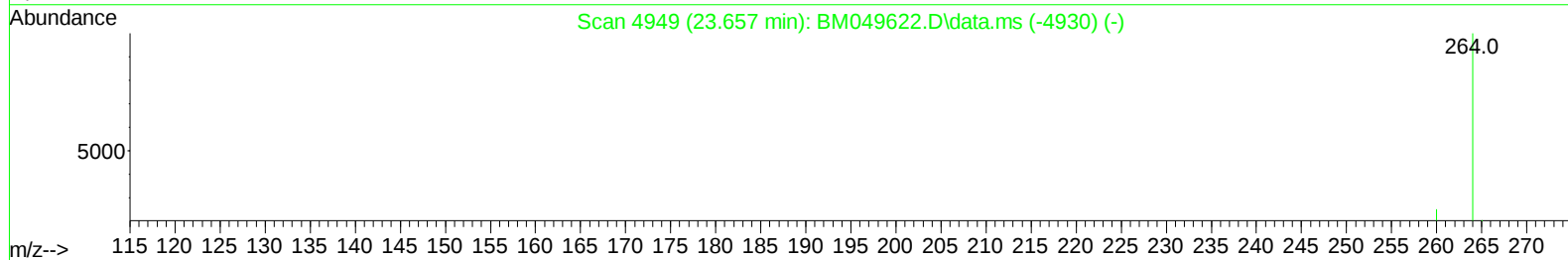
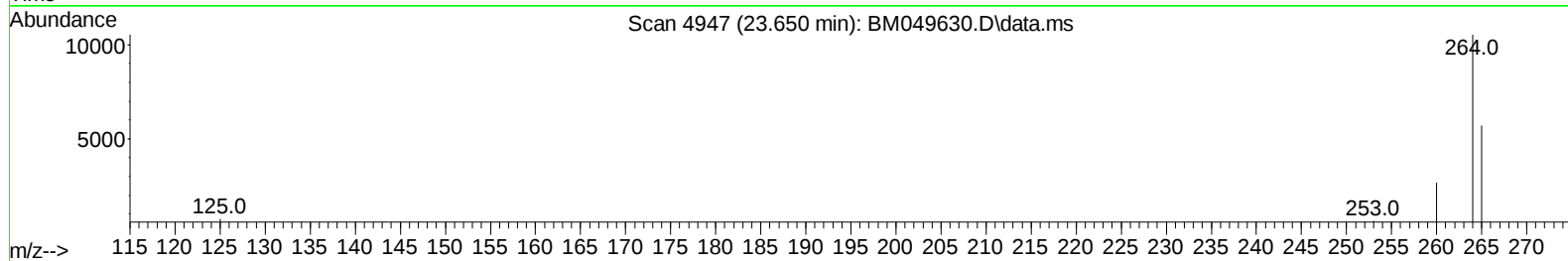
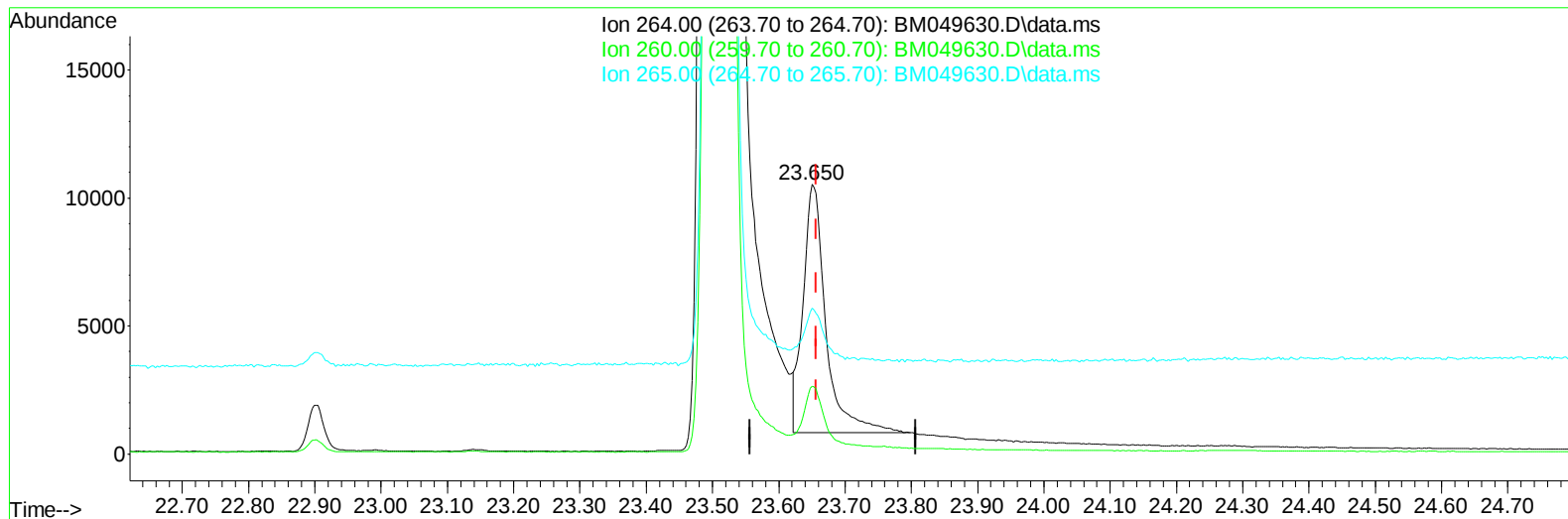
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(23) Perylene-d12 (I)

23.650min (-0.006) 0.40 ng/u1

response 23496

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.13
265.00	67.10	54.04
0.00	0.00	0.00

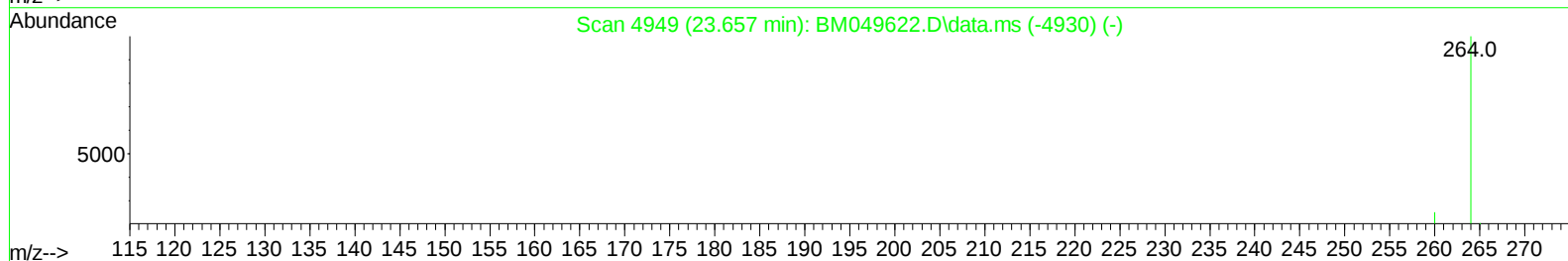
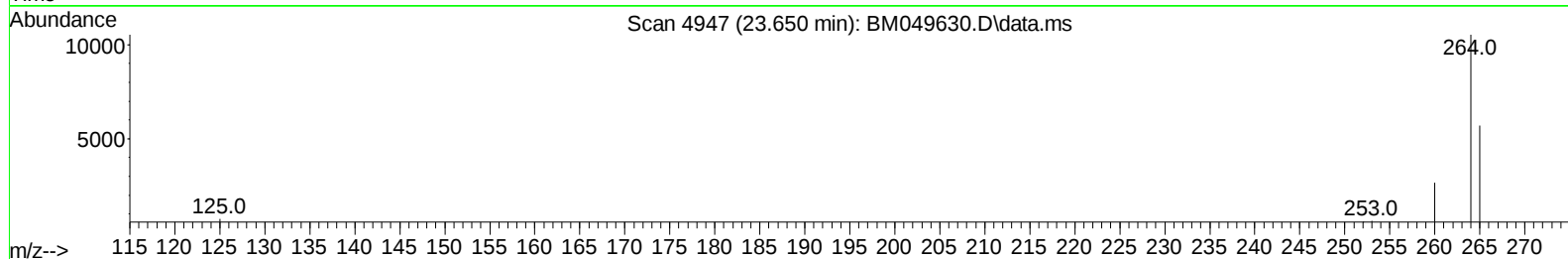
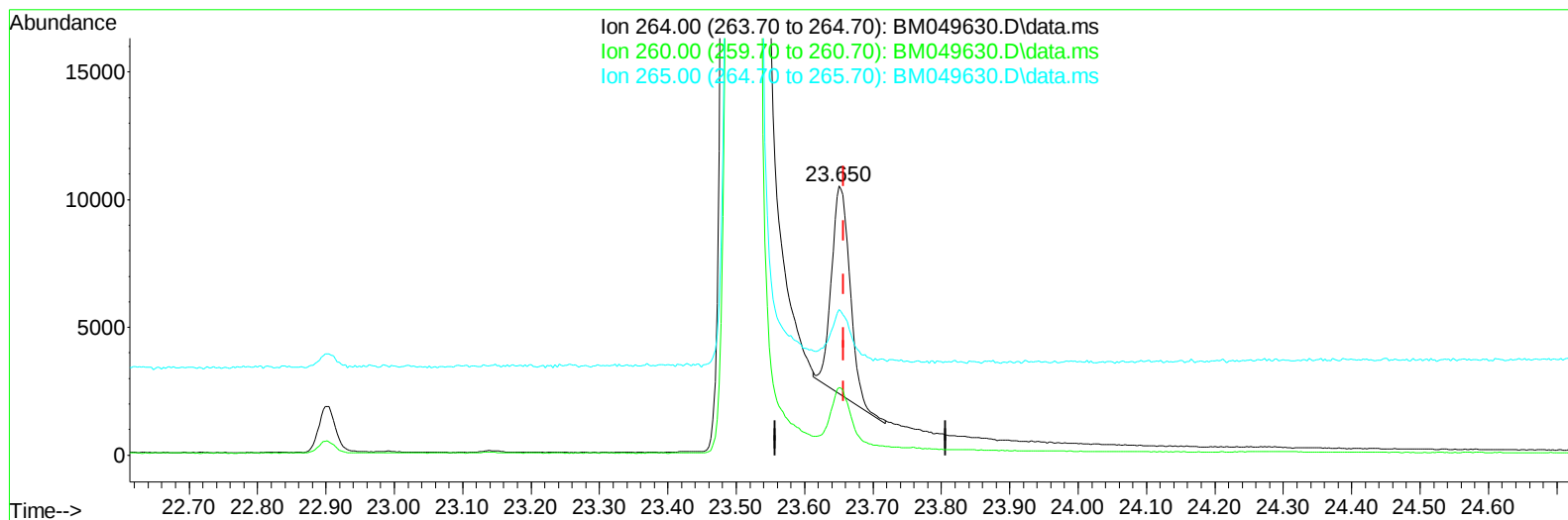
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049630.D
Acq On : 12 Feb 2025 22:09
Operator : RC/JU
Sample : Q1336-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29C9

Manual IntegrationsAPPROVED

Quant Time: Feb 14 16:46:00 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: BM049630.D\data.ms

(23) Perylene-d12 (I)

23.650min (-0.006) 0.40 ng/ul m

response 15355

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.13
265.00	67.10	54.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049630.D
 Acq On : 12 Feb 2025 22:09
 Operator : RC/JU
 Sample : Q1336-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29C9

Manual IntegrationsAPPROVED

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

Quant Time: Feb 14 16:46:00 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.813	152		6369	0.400	ng/ul	0.00
4) Naphthalene-d8	10.606	136		17435	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164		10328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188		22396m	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240		15517m	0.400	ng/ul	0.00
23) Perylene-d12	23.650	264		15355m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.252	96		38937	5.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.196	152		7410	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.216	212		19603	0.415	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88		634	0.082	ng/ul#	70
14) Pentachlorophenol	16.841	266		150m	0.033	ng/ul	

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

