

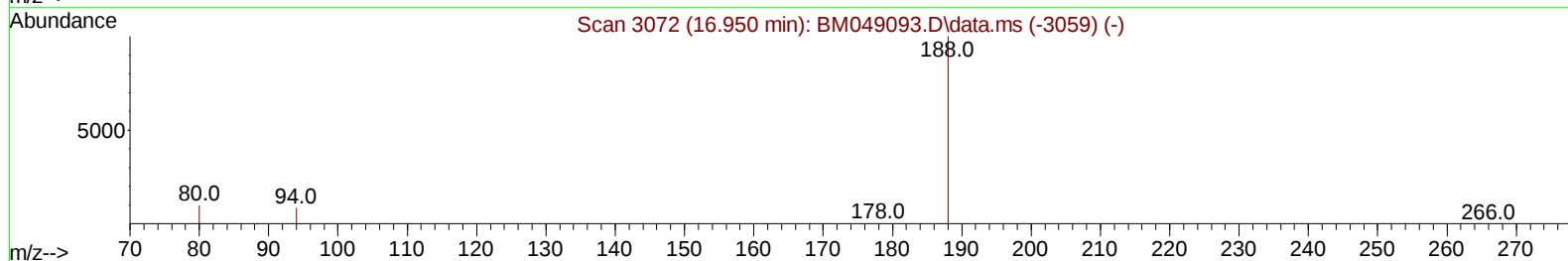
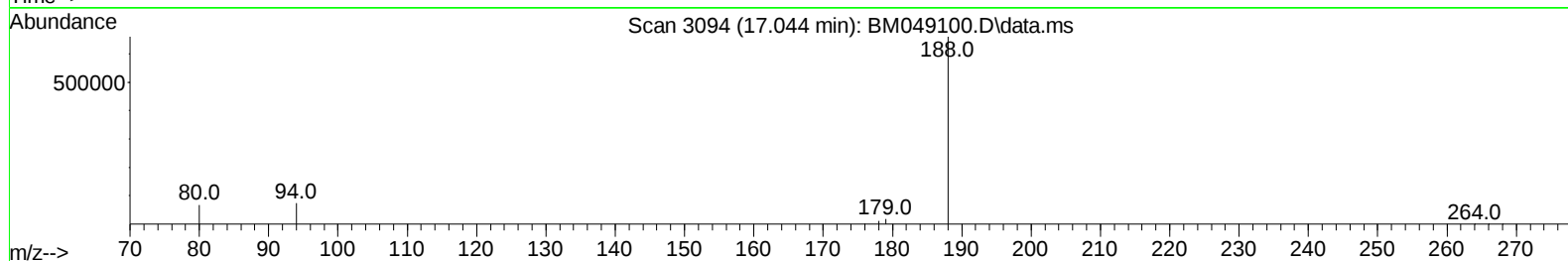
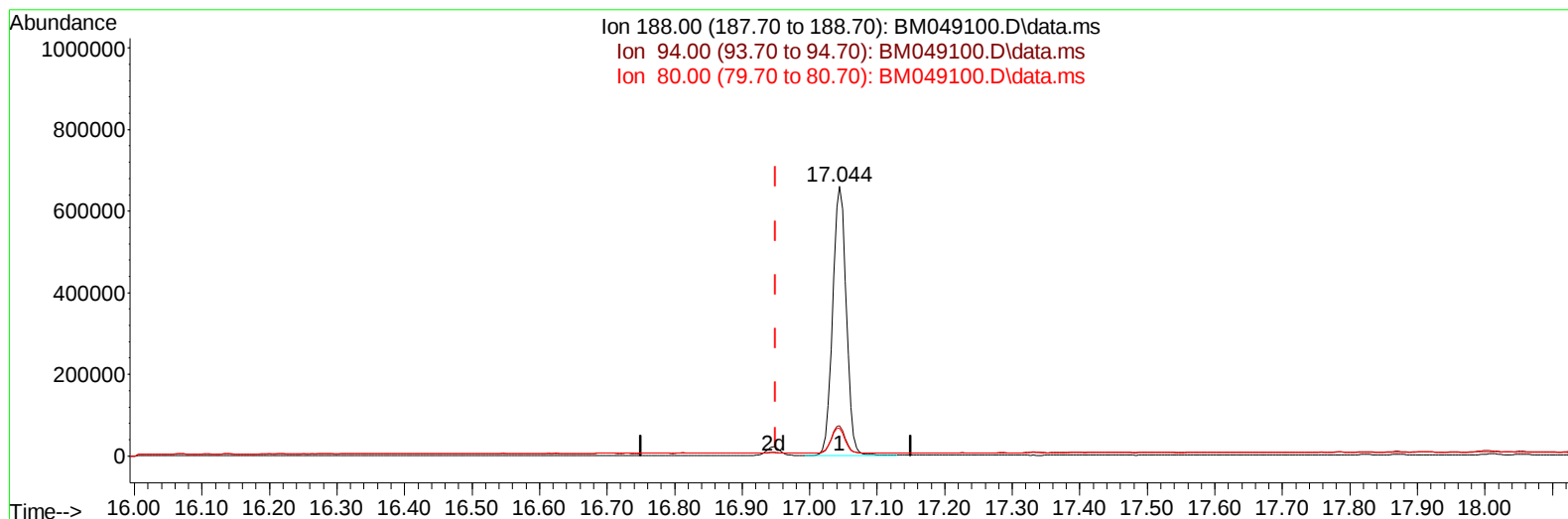
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 14:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049100.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 924393

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	11.17
80.00	10.70	10.31
0.00	0.00	0.00

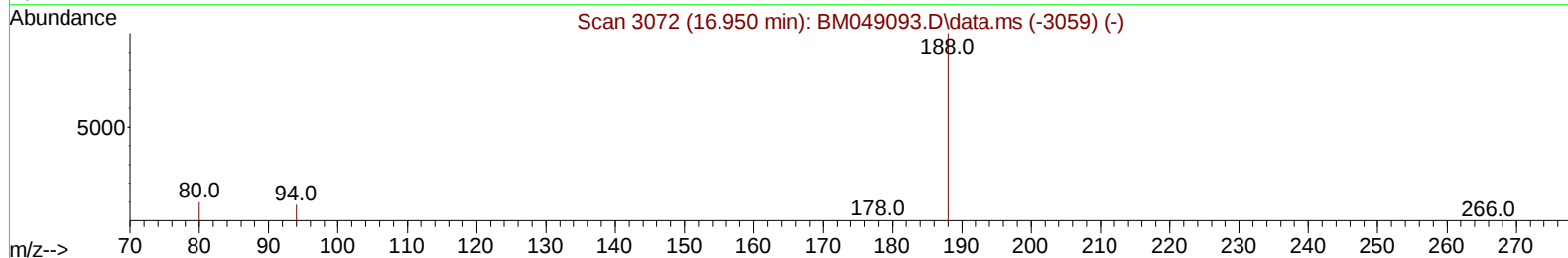
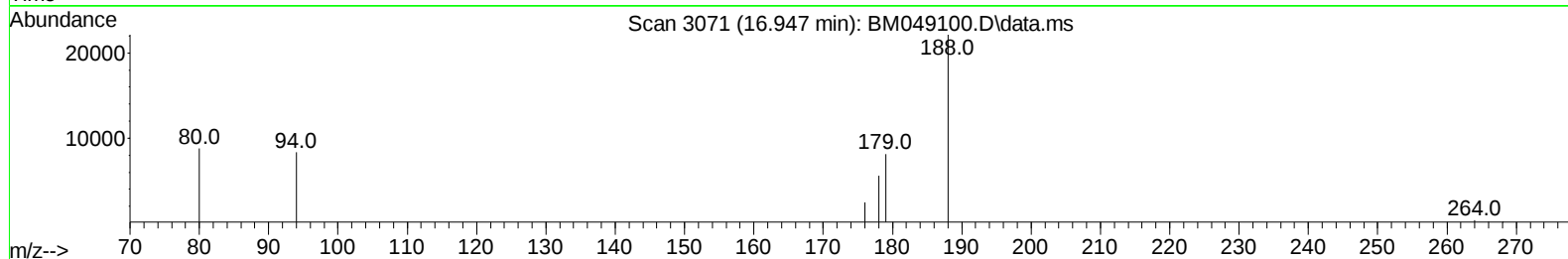
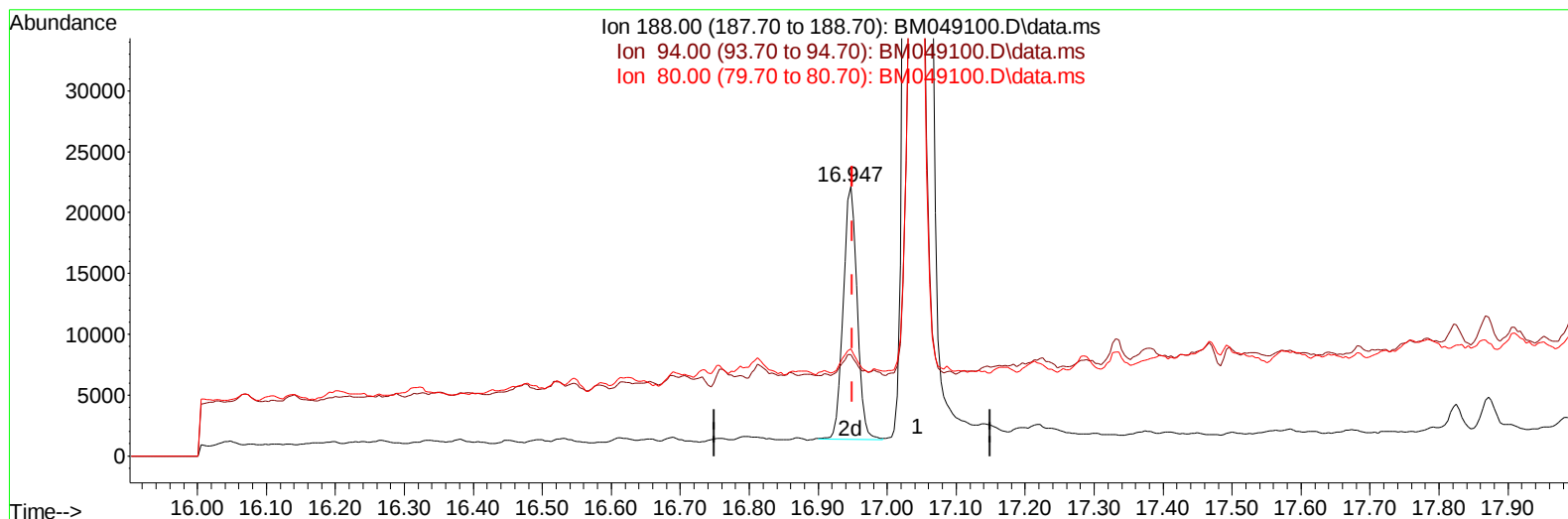
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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TIC: BM049100.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (-0.003) 0.40 ng/u1 m

response 29375

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	37.58#
80.00	10.70	39.74#
0.00	0.00	0.00

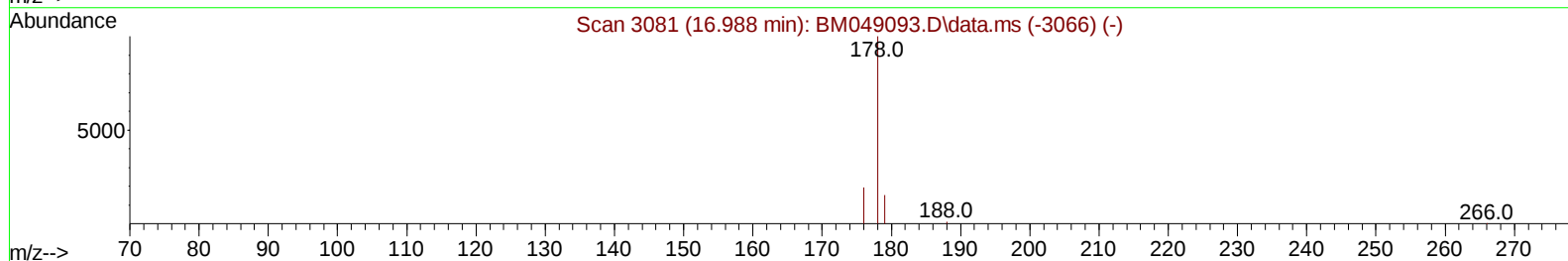
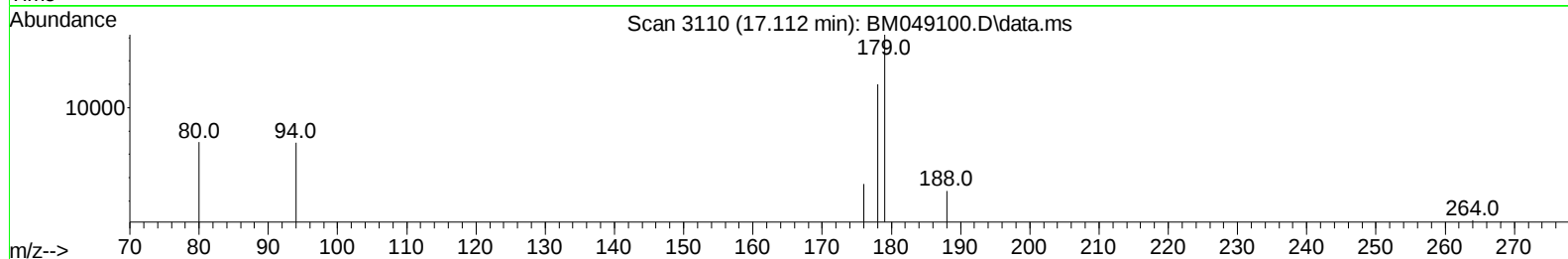
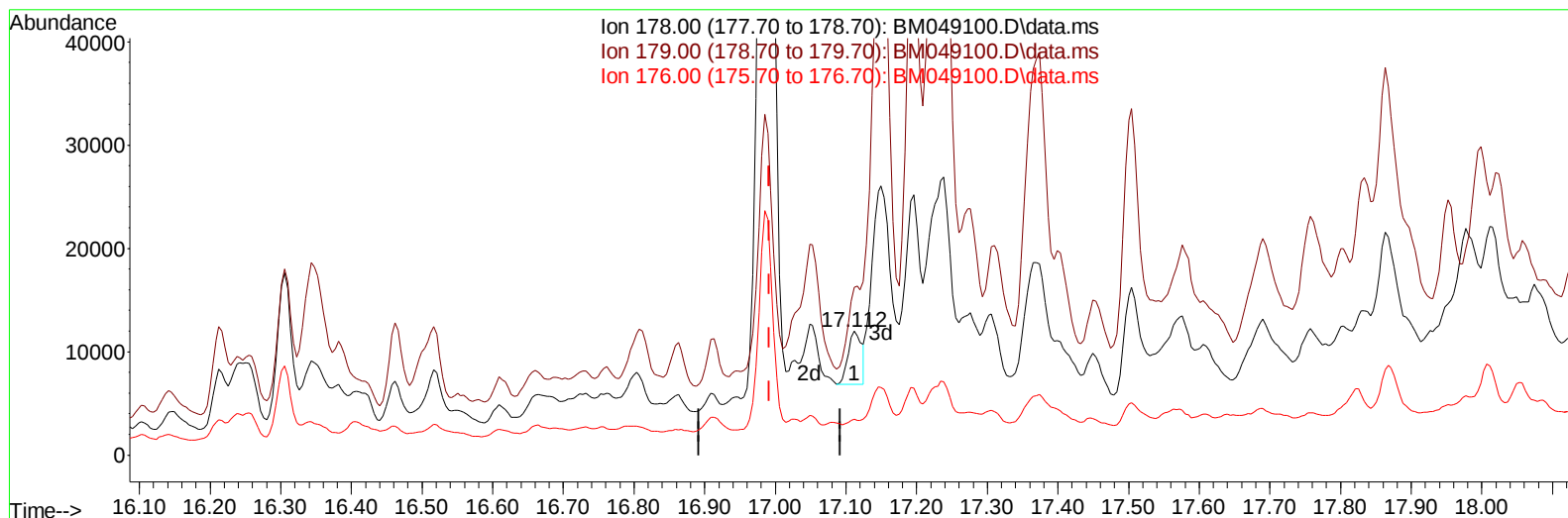
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049100.D
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 Operator : RC/JU
 Sample : P5265-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z8

Manual IntegrationsAPPROVED

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TIC: BM049100.D\data.ms

(15) Phenanthrene

17.112min (+ 0.120) 0.09 ng/u1

response 6984

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	135.64#
176.00	20.20	29.01#
0.00	0.00	0.00

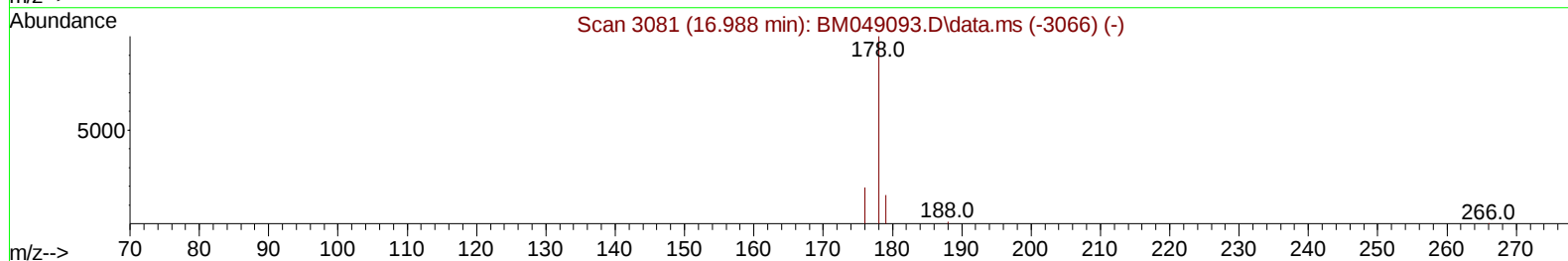
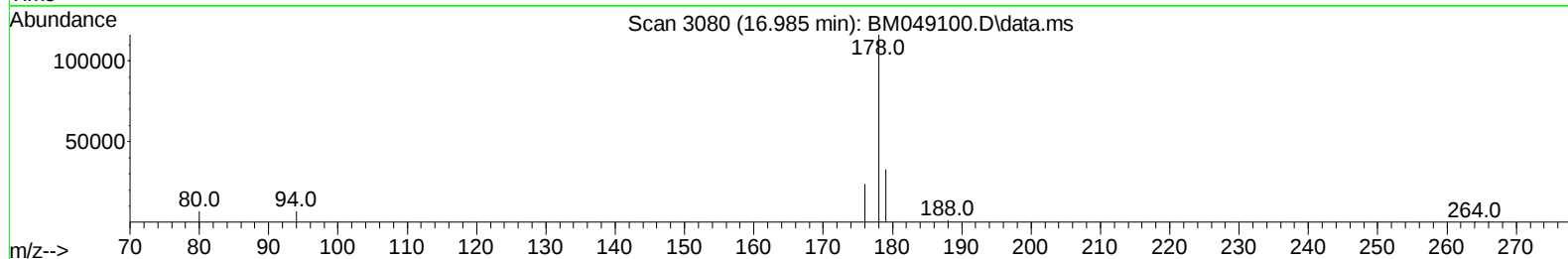
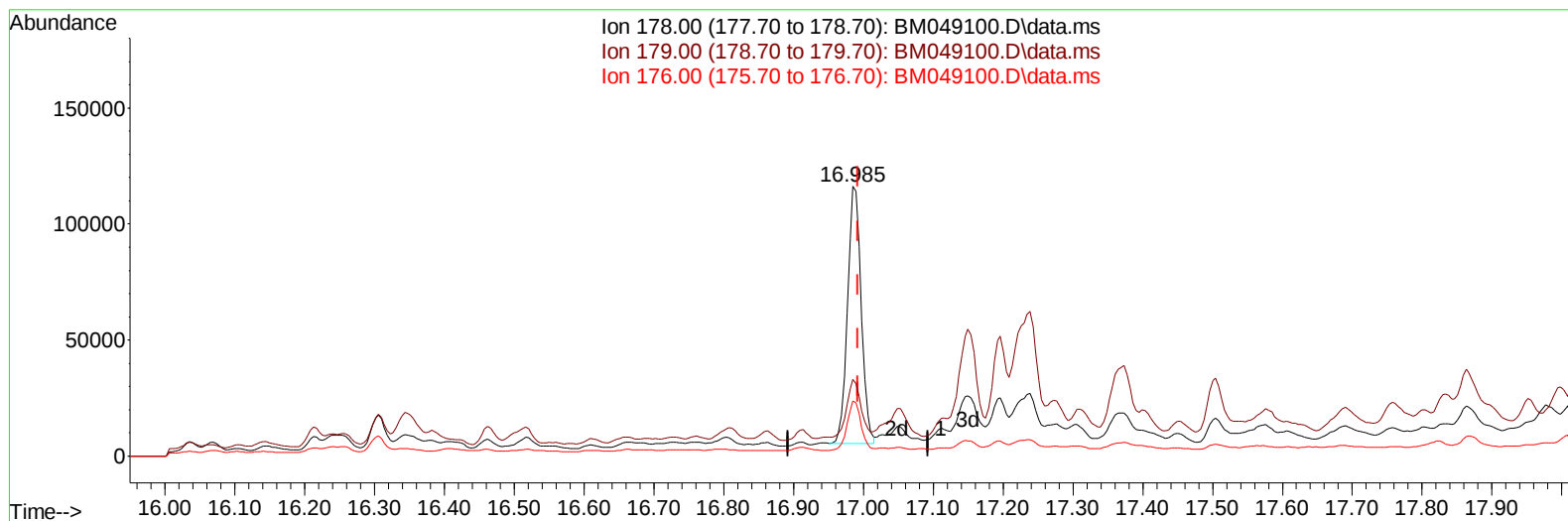
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049100.D
 Acq On : 20 Dec 2024 14:26
 Operator : RC/JU
 Sample : P5265-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/24/2024



TIC: BM049100.D\data.ms

(15) Phenanthrene

16.985min (-0.007) 1.97 ng/ul m

response 151213

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	28.39#
176.00	20.20	20.39
0.00	0.00	0.00

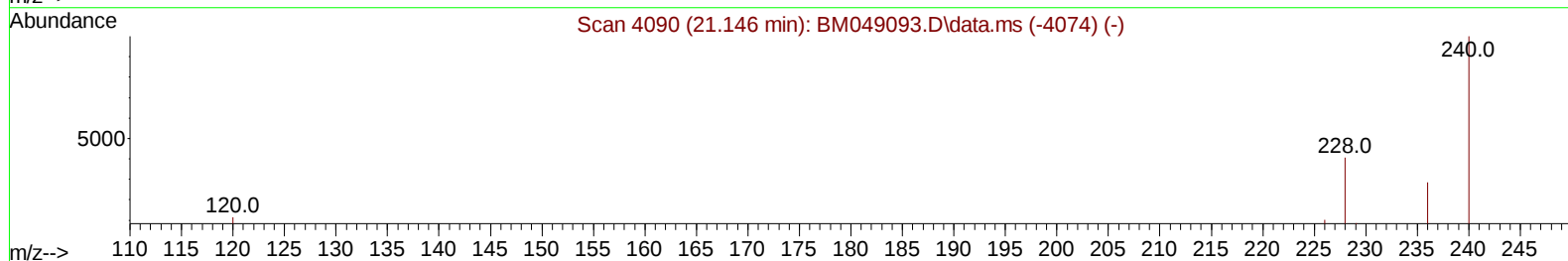
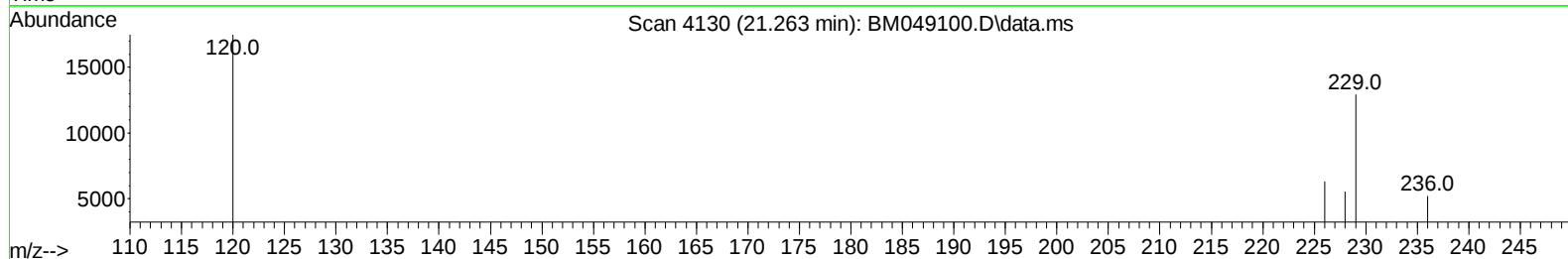
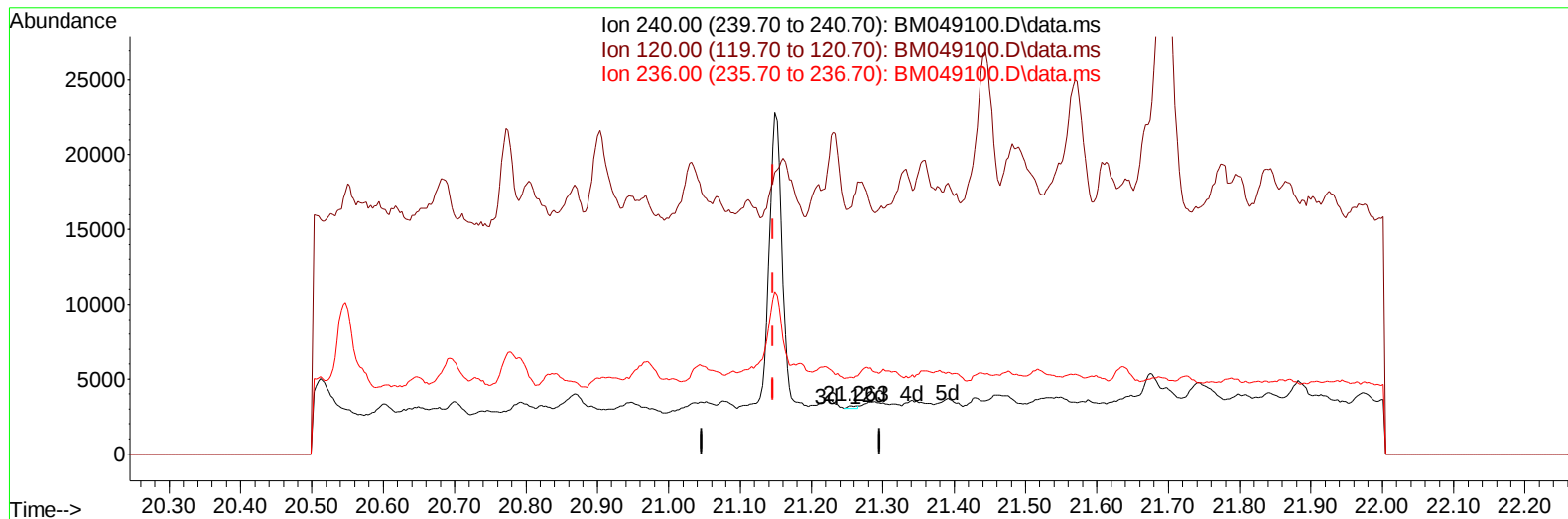
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

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TIC: BM049100.D\data.ms

(17) Chrysene-d12

21.263min (+ 0.116) 0.40 ng/u1

response 173

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	541.26#
236.00	29.80	161.37#
0.00	0.00	0.00

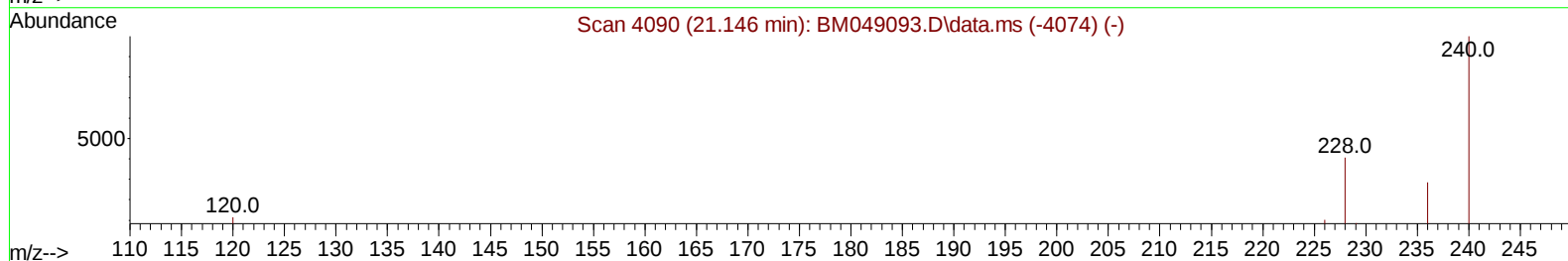
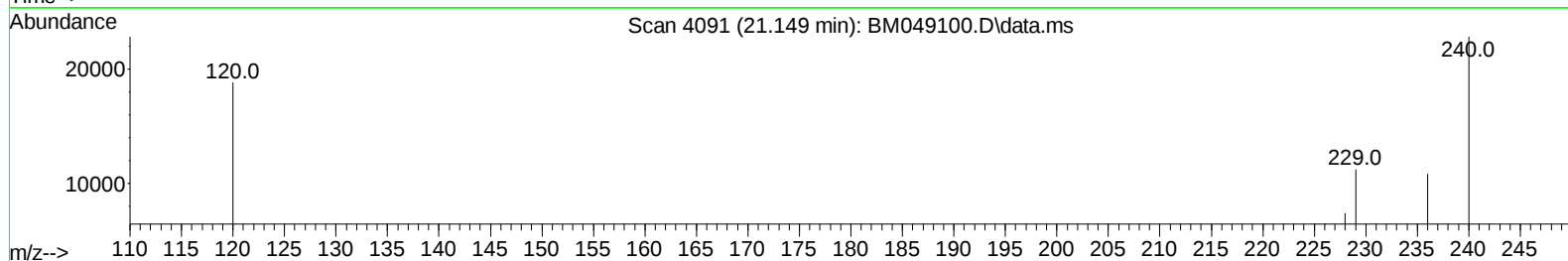
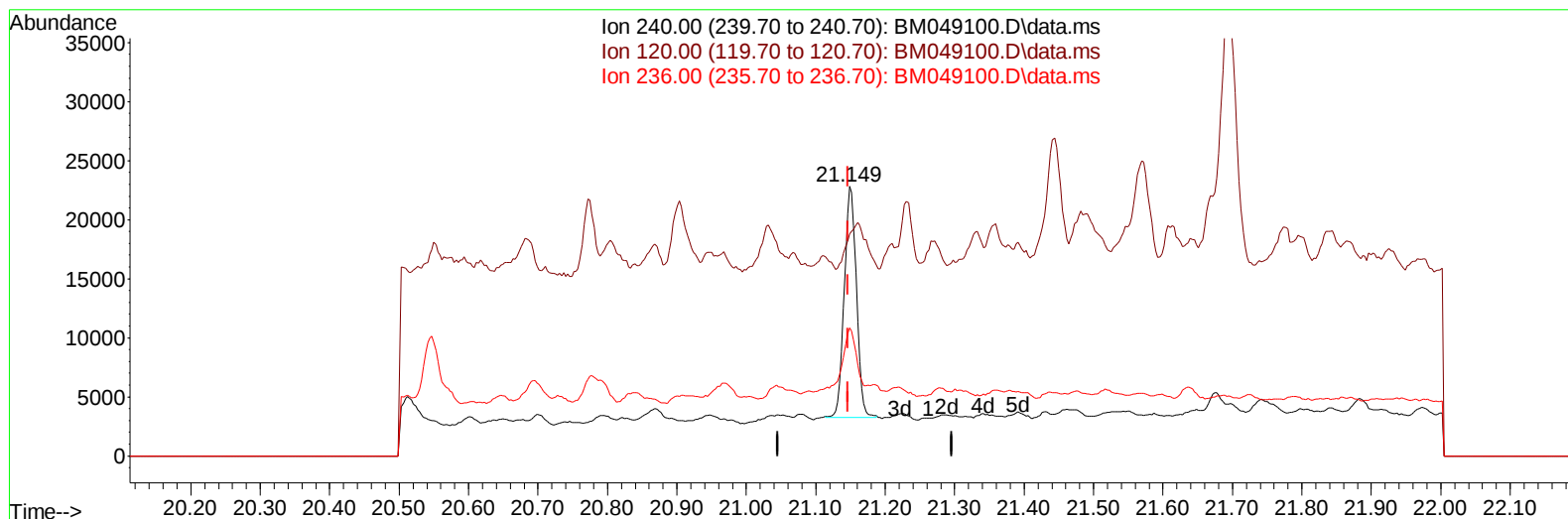
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 14:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BM049100.D\data.ms

(17) Chrysene-d12

21.149min (+ 0.003) 0.40 ng/ul m

response 23811

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	82.50#
236.00	29.80	47.60#
0.00	0.00	0.00

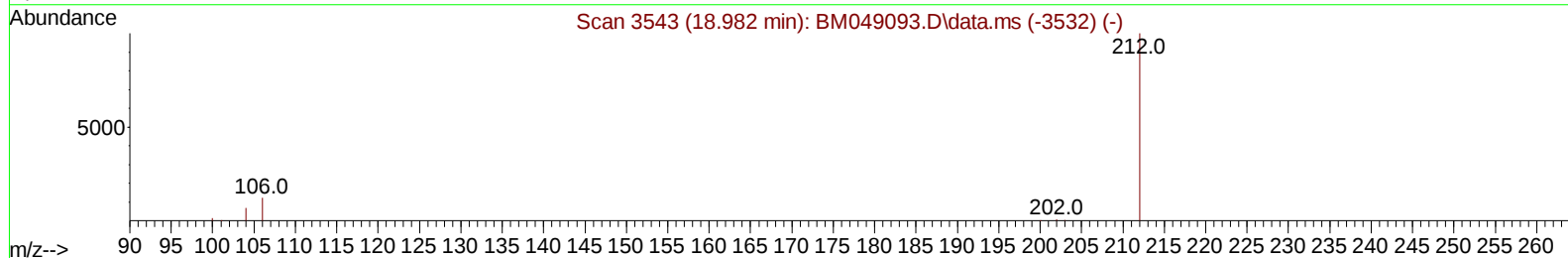
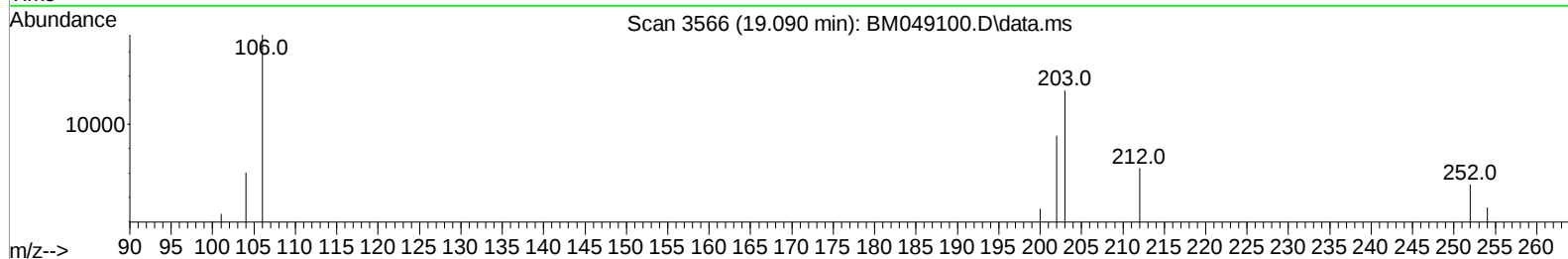
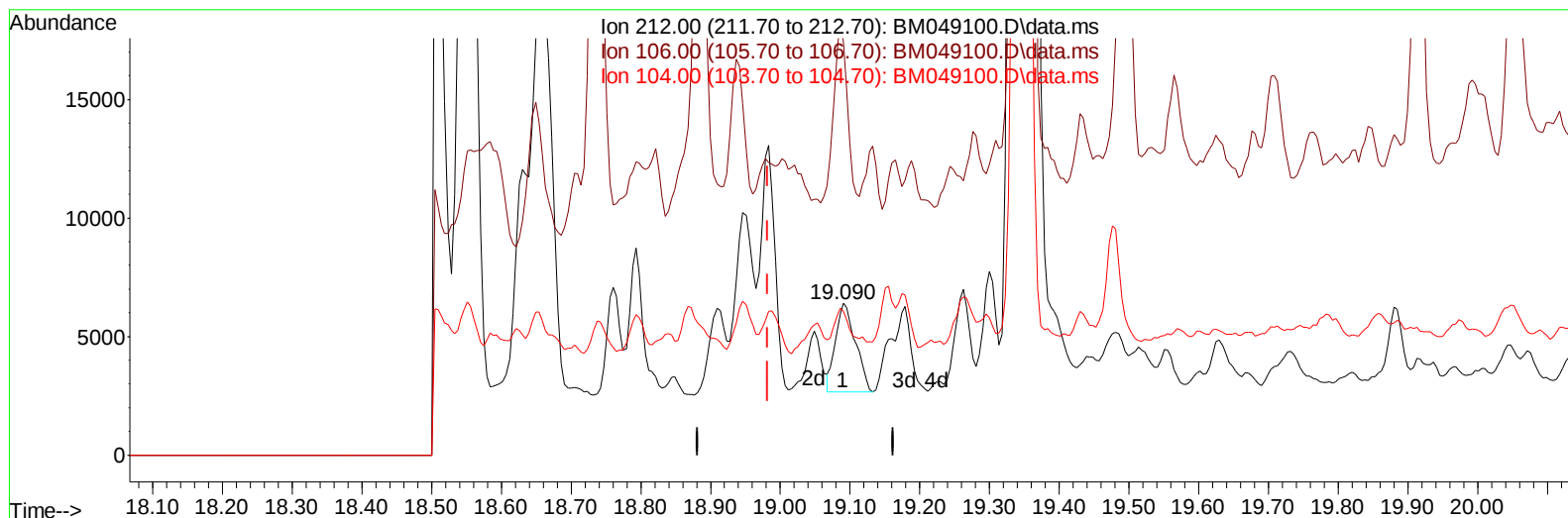
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 14:55:07 2024
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TIC: BM049100.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.090min (+ 0.108) 0.11 ng/u1

response 7431

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	137.77#
104.00	6.50	44.03#
0.00	0.00	0.00

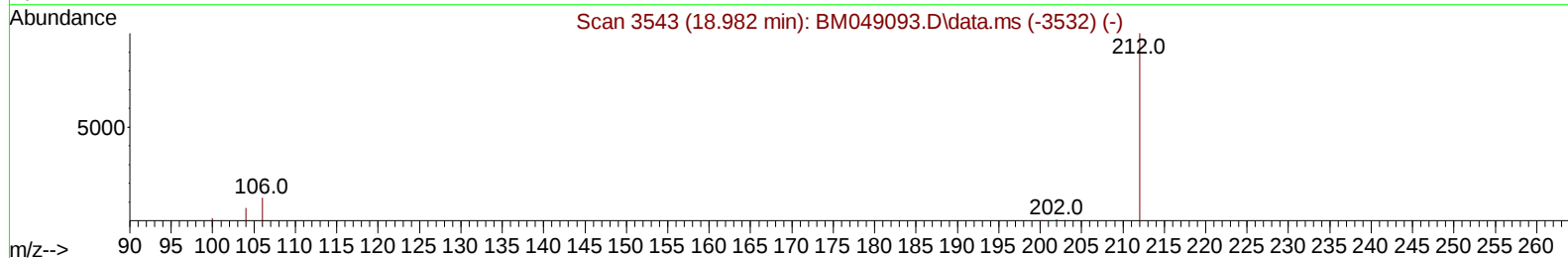
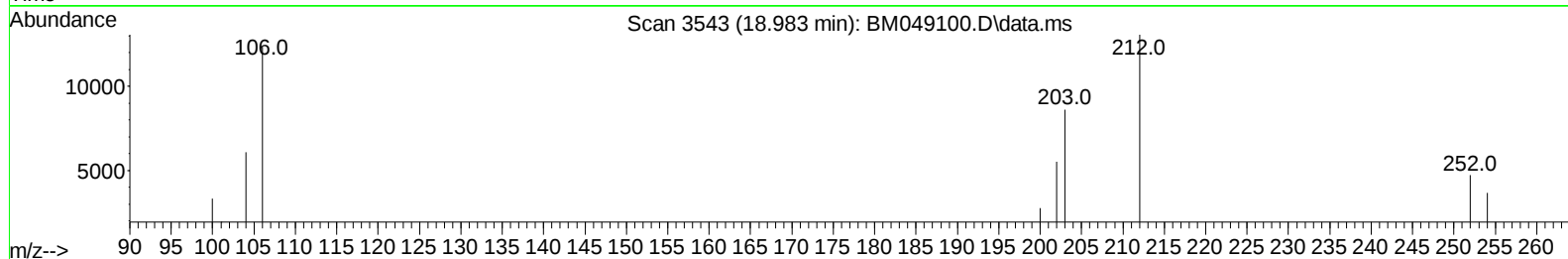
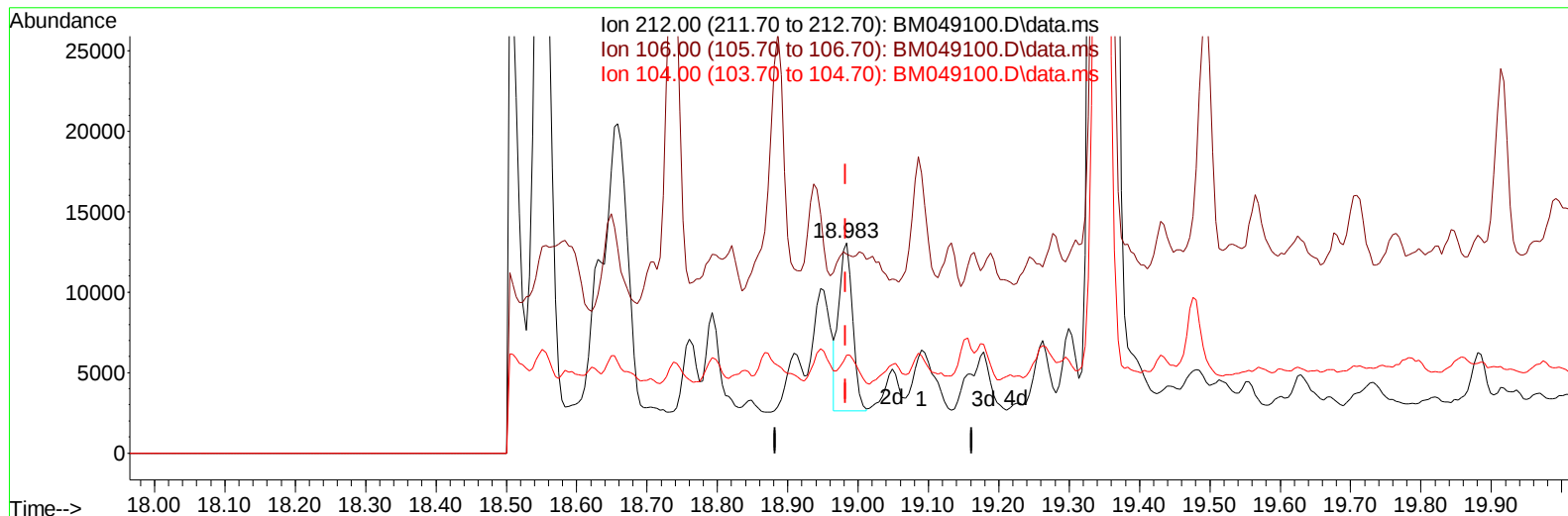
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 14:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
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Response via : Initial Calibration



TIC: BM049100.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.983min (+ 0.001) 0.21 ng/ul m

response 14228

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.60	71.96#
104.00	6.50	23.00#
0.00	0.00	0.00

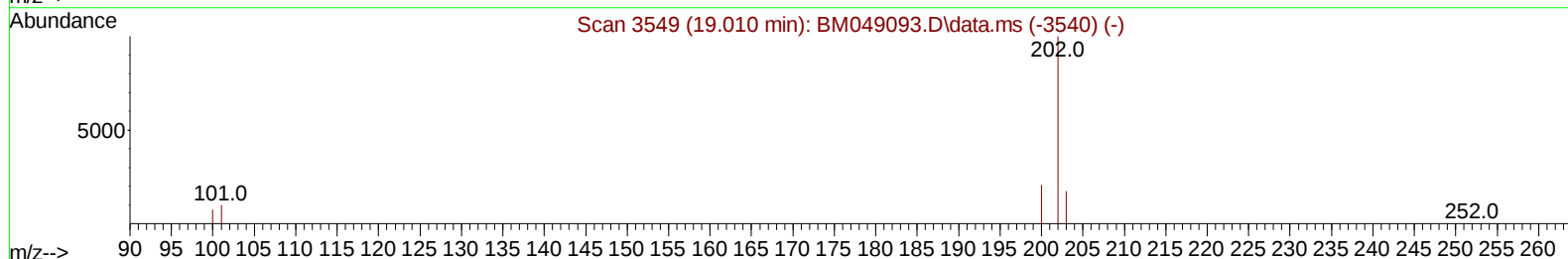
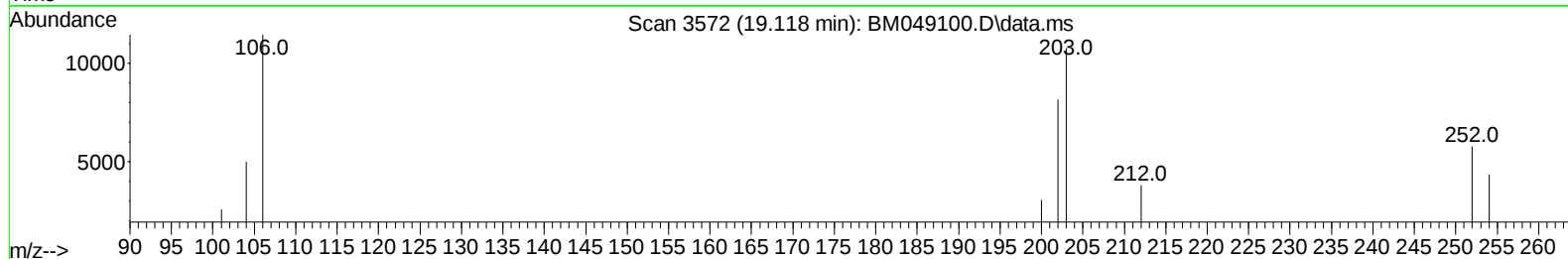
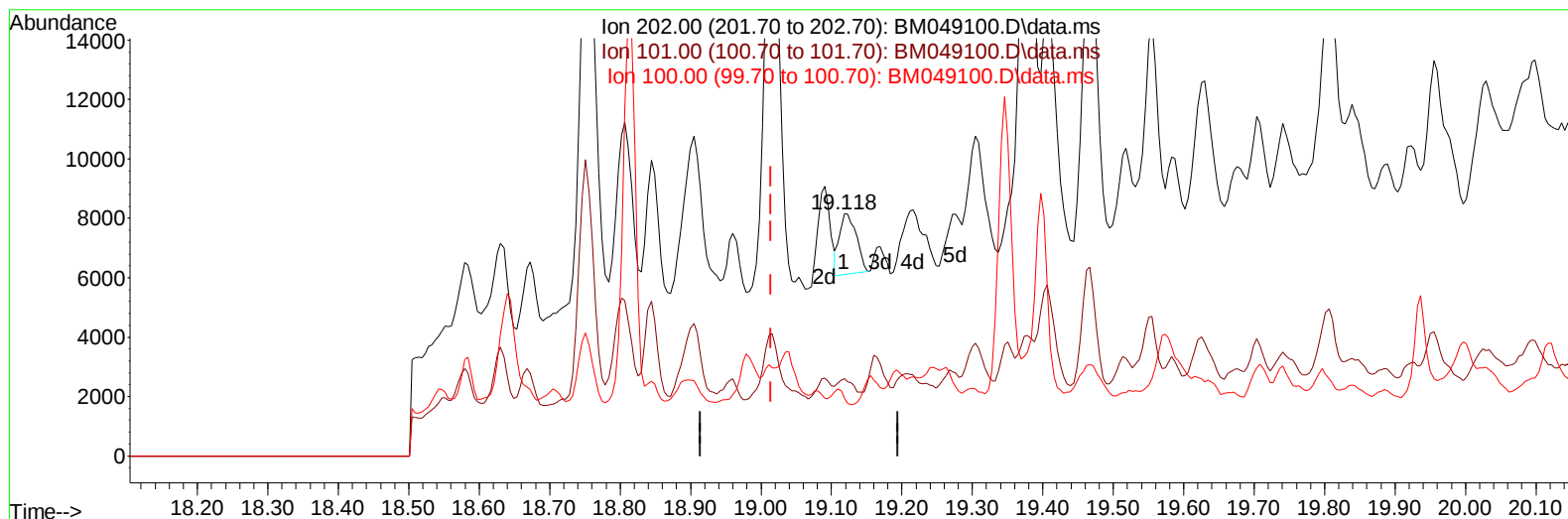
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

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TIC: BM049100.D\data.ms

(19) Fluoranthene (C)

19.118min (+ 0.104) 0.04 ng/u1

response 3389

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	31.84#
100.00	6.90	23.81#
0.00	0.00	0.00

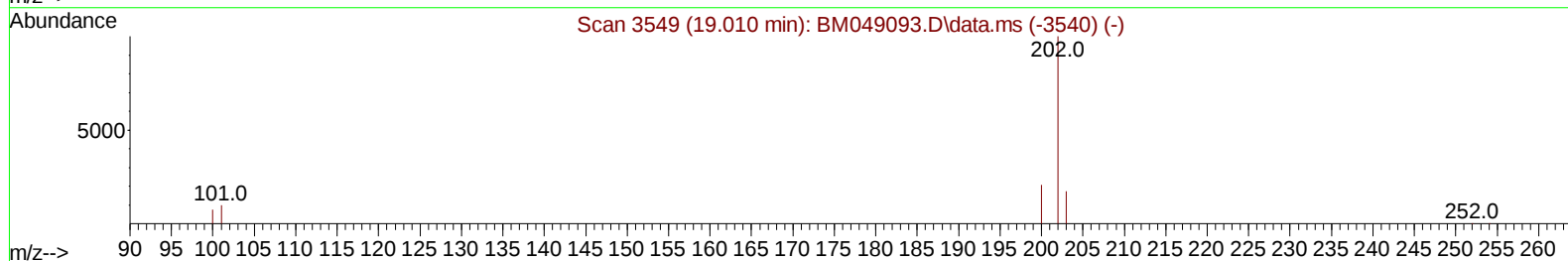
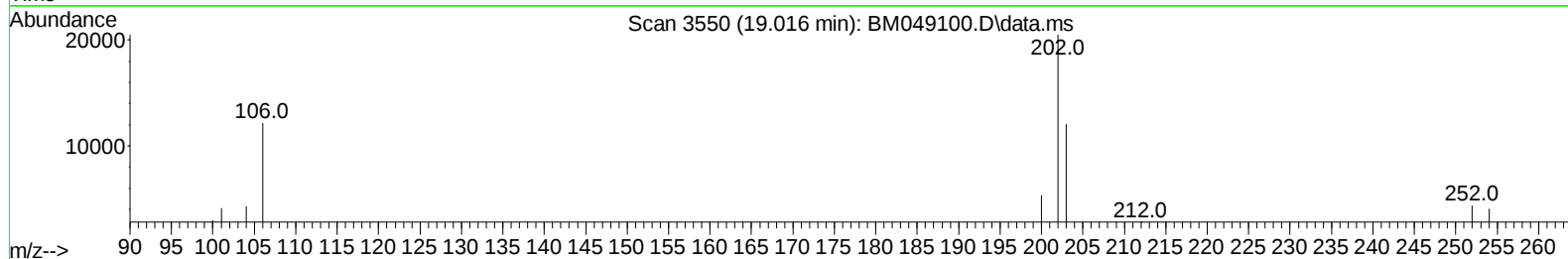
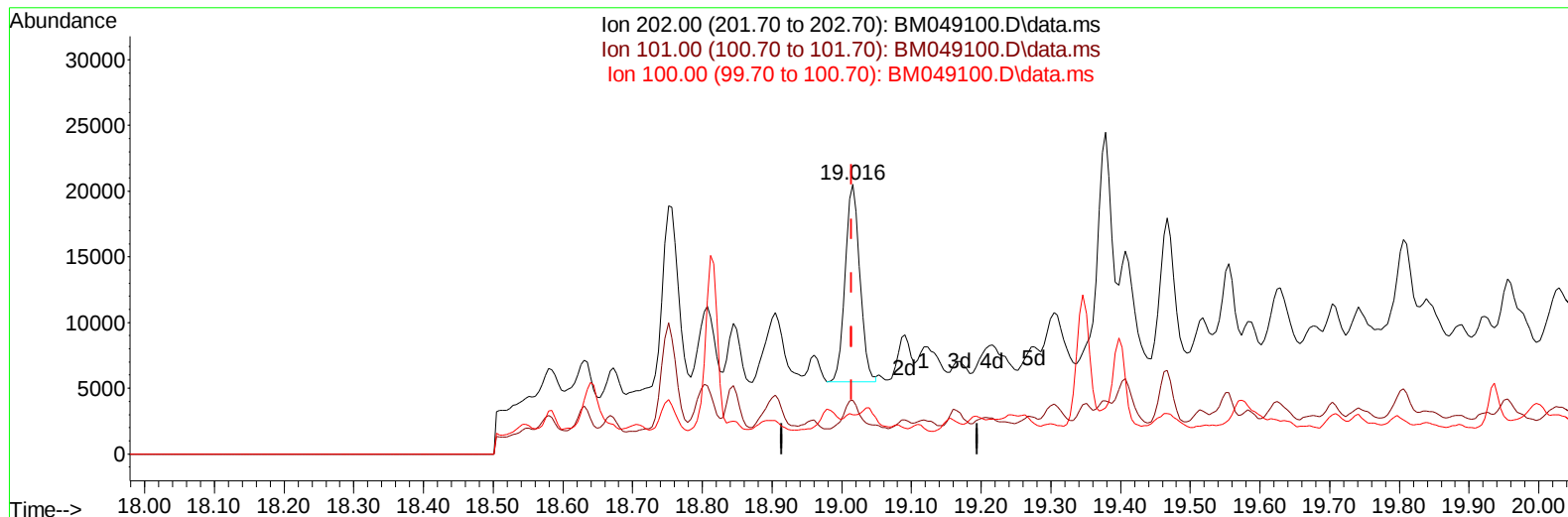
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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TIC: BM049100.D\data.ms

(19) Fluoranthene (C)

19.016min (+ 0.001) 0.26 ng/ul m

response 22000

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.50	20.06#
100.00	6.90	14.48#
0.00	0.00	0.00

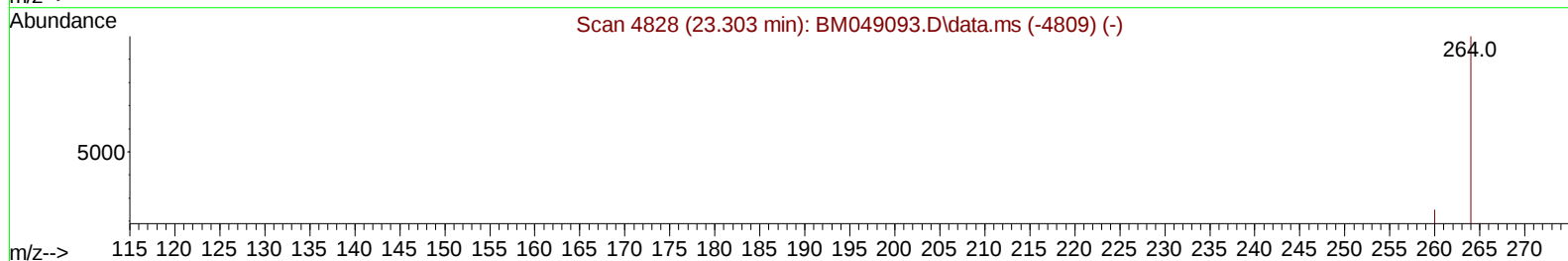
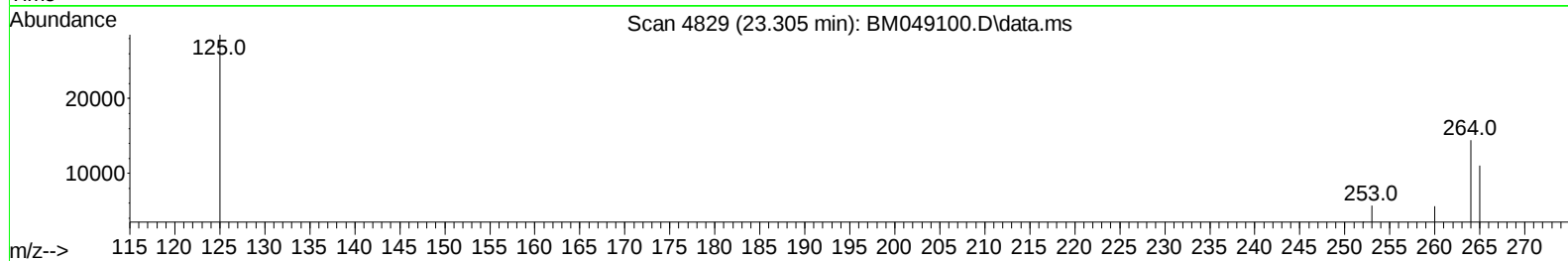
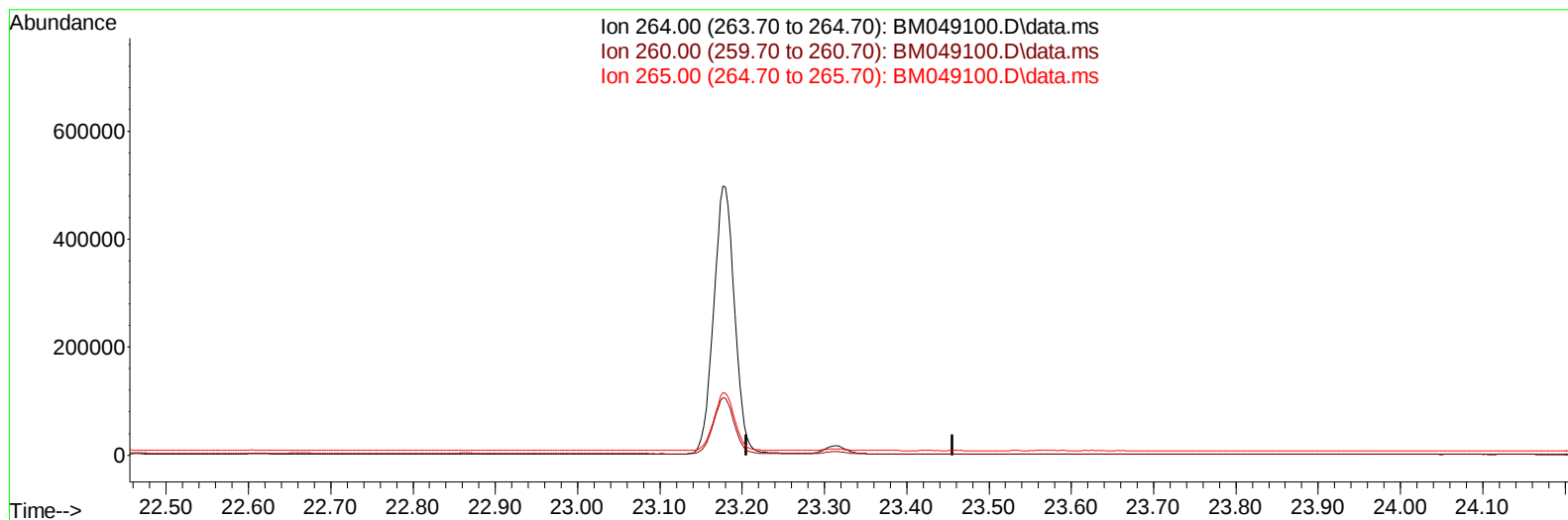
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TIC: BM049100.D\data.ms

(23) Perylene-d12 (I)

23.306min (-23.306) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	25.80	0.00#
265.00	78.30	0.00#
0.00	0.00	0.00

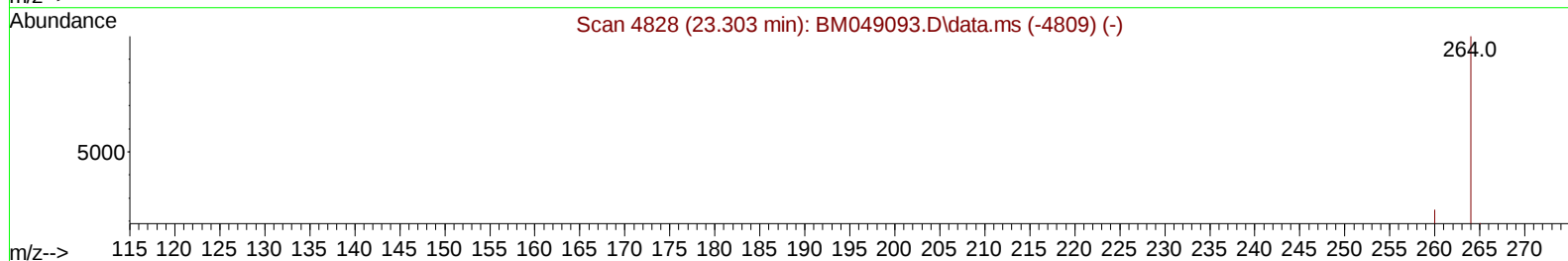
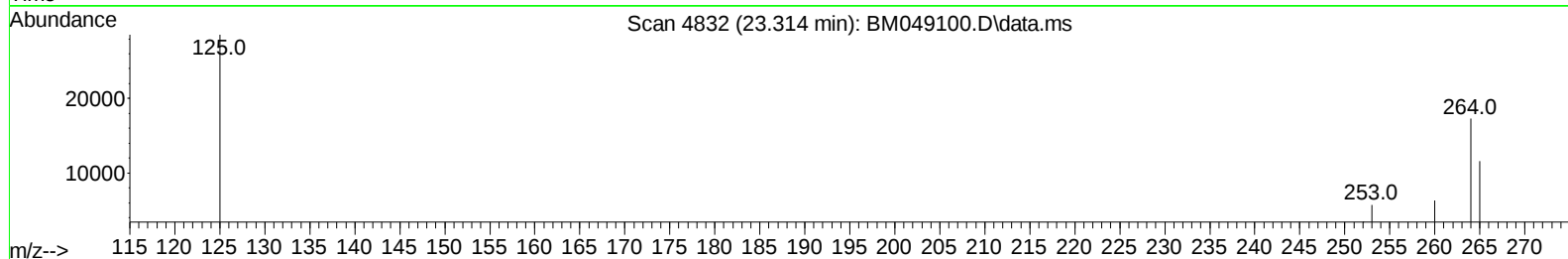
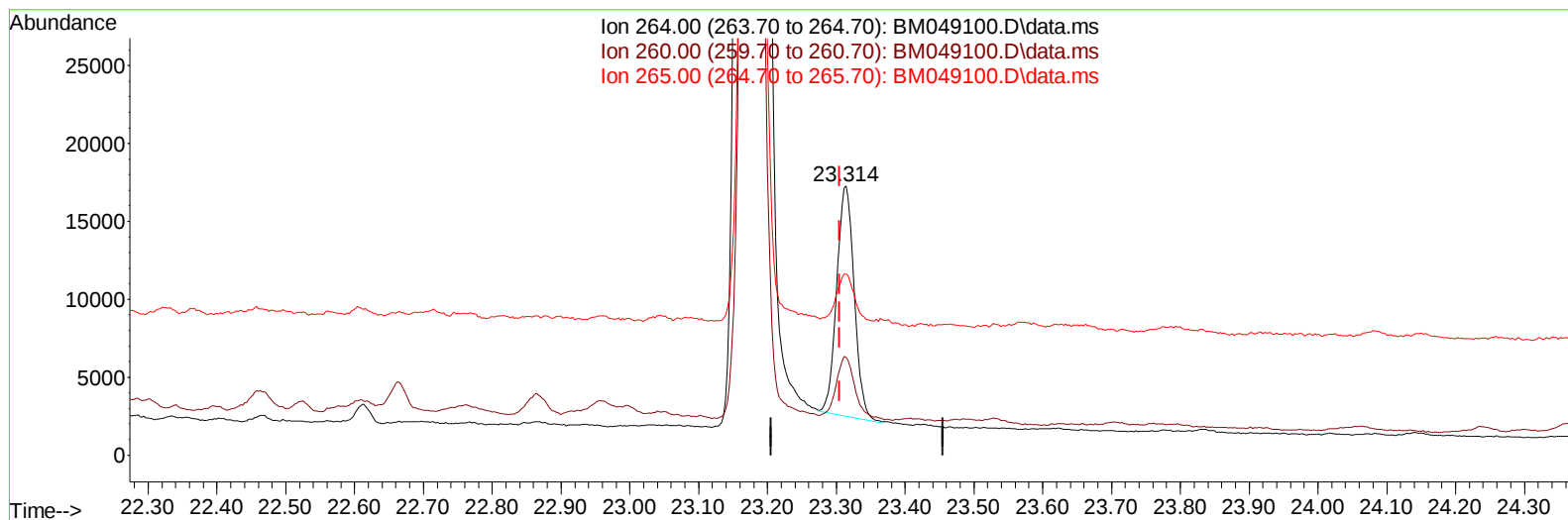
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
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Sample : P5265-13
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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TIC: BM049100.D\data.ms

(23) Perylene-d12 (I)

23.314min (+ 0.008) 0.40 ng/ul m

response 25942

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	36.54#
265.00	78.30	67.23
0.00	0.00	0.00

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 ALS Vial : 9 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152		7038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136		21889	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.197	164		15722	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188		29375m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240		23811m	0.400	ng/ul	0.00
23) Perylene-d12	23.314	264		25942m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.147	96		26623	3.280	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152		5674	0.193	ng/ul	0.00
18) Fluoranthene-d10	18.983	212		14228m	0.211	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.370	128		11473	0.209	ng/ul	94
7) 2-Methylnaphthalene	11.992	142		27252	0.785	ng/ul	98
8) 1-Methylnaphthalene	12.218	142		21625	0.608	ng/ul	95
12) Fluorene	15.252	166		21241	0.396	ng/ul#	68
15) Phenanthrene	16.985	178		151213m	1.971	ng/ul	
19) Fluoranthene	19.016	202		22000m	0.256	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049100.D
Acq On : 20 Dec 2024 14:26
Operator : RC/JU
Sample : P5265-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28Z8

Manual IntegrationsAPPROVED

Quant Time: Dec 20 14:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

