

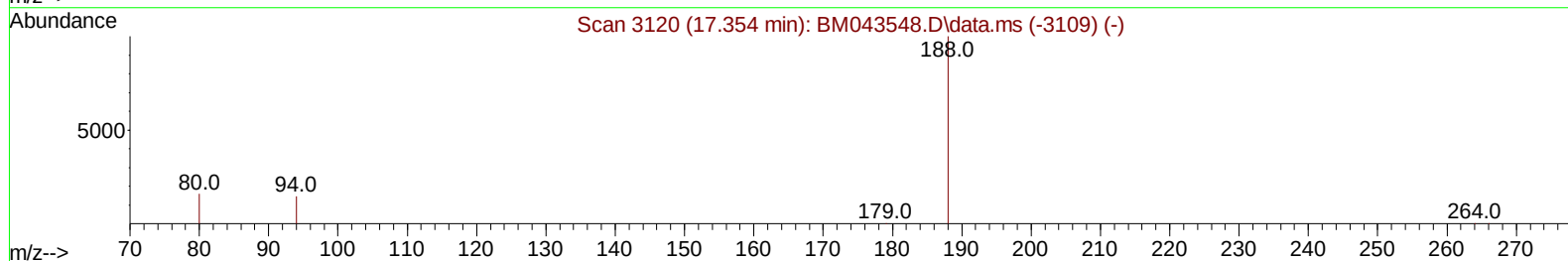
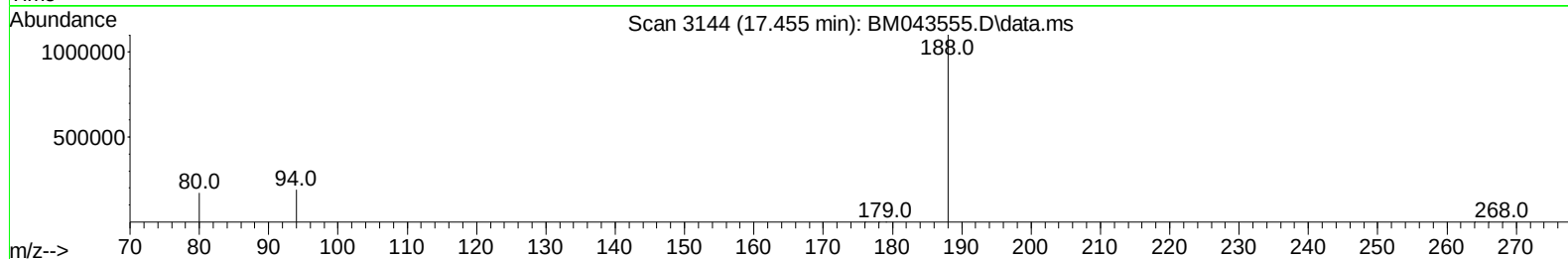
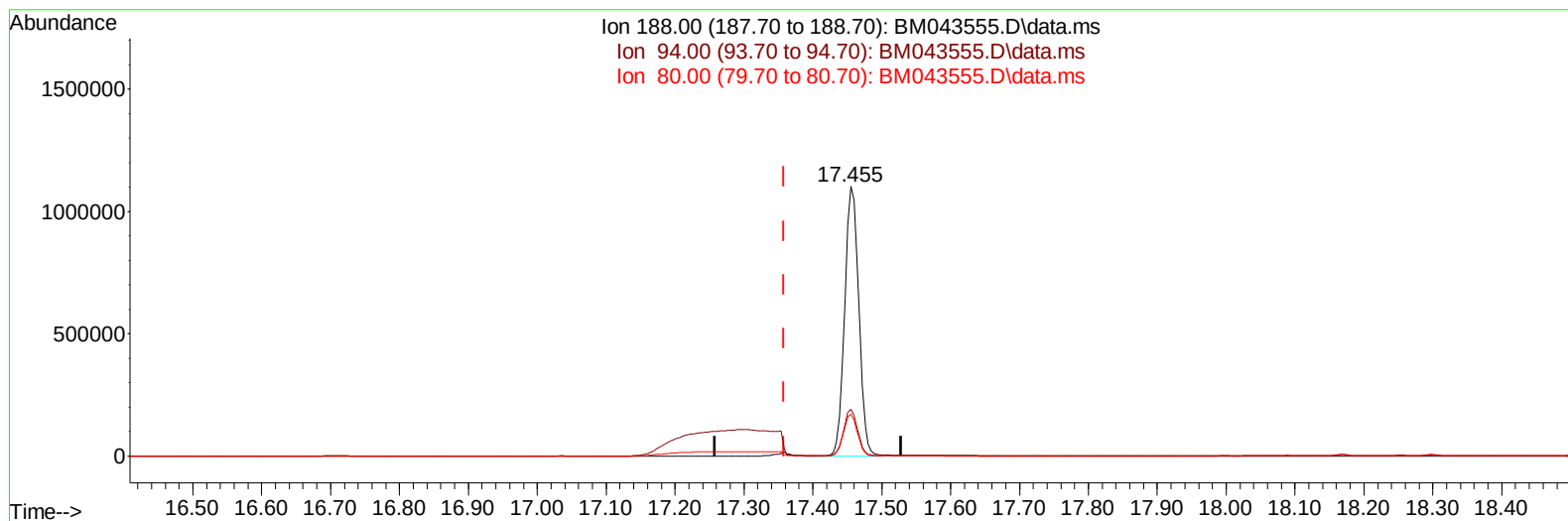
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
Data File : BM043555.D
Acq On : 23 Dec 2023 02:14
Operator : MA/JU
Sample : 05927-05
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/28/2023



TIC: BM043555.D\data.ms

(13) Phenanthrene-d10 (I)

17.455min (+ 0.097) 0.40 ng/u1

response 1567548

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	17.27#
80.00	13.20	15.46
0.00	0.00	0.00

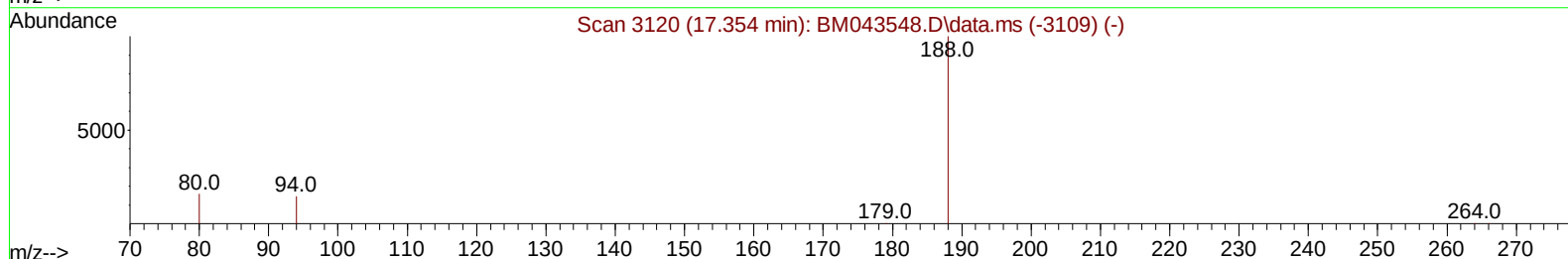
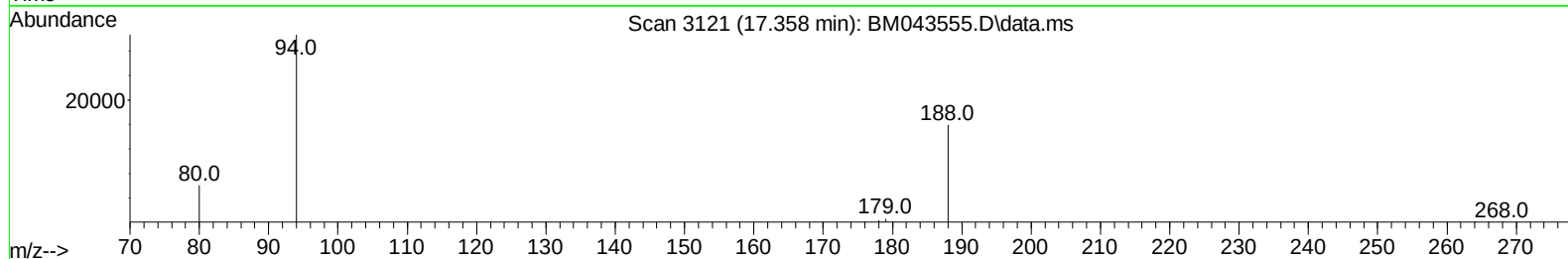
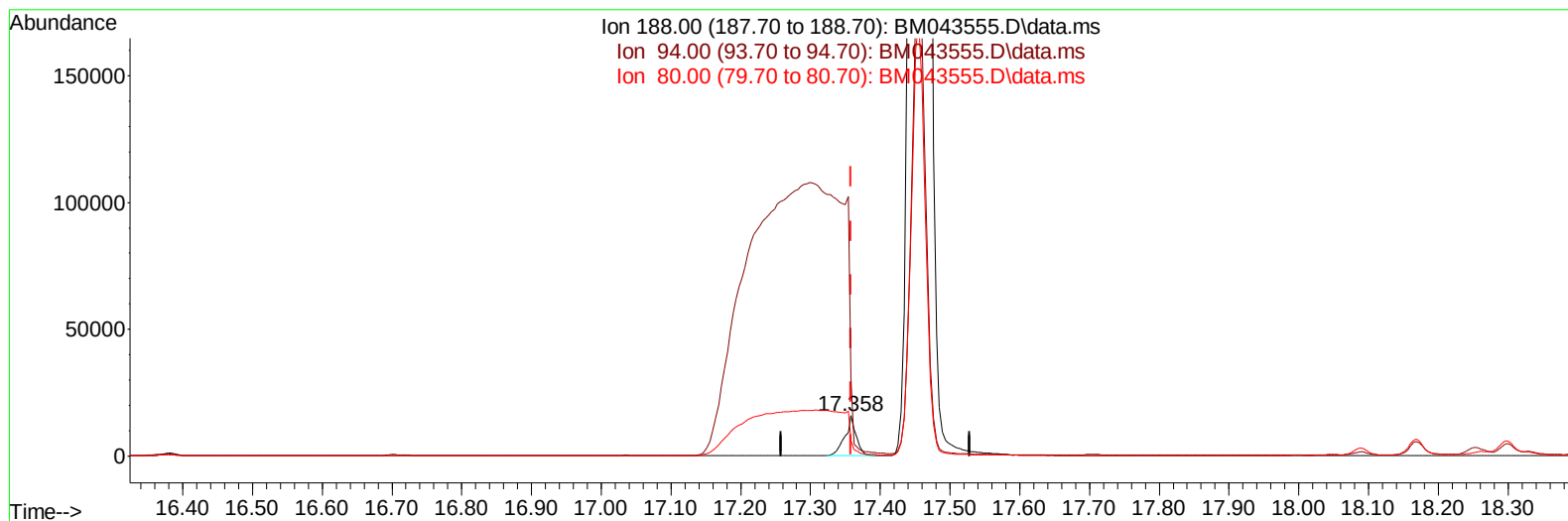
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
Data File : BM043555.D
Acq On : 23 Dec 2023 02:14
Operator : MA/JU
Sample : 05927-05
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
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TIC: BM043555.D\data.ms

(13) Phenanthrene-d10 (I)

17.358min (-0.000) 0.40 ng/ul m

response 17598

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.30	191.86#
80.00	13.20	38.01#
0.00	0.00	0.00

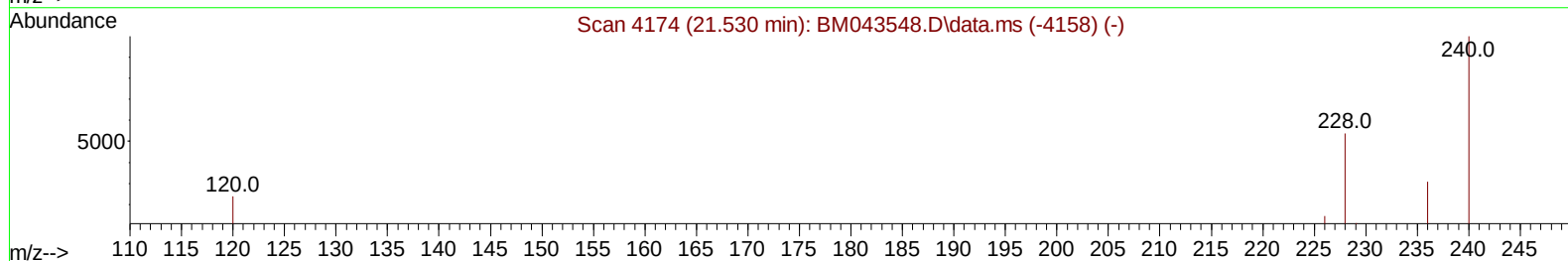
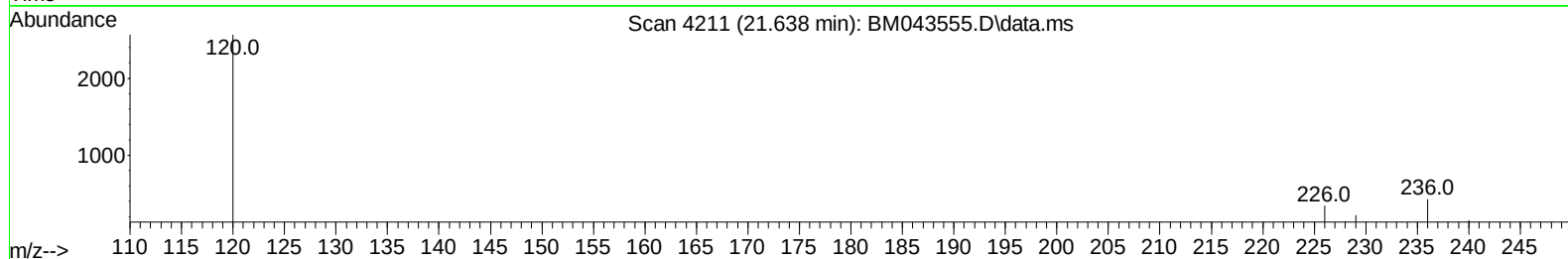
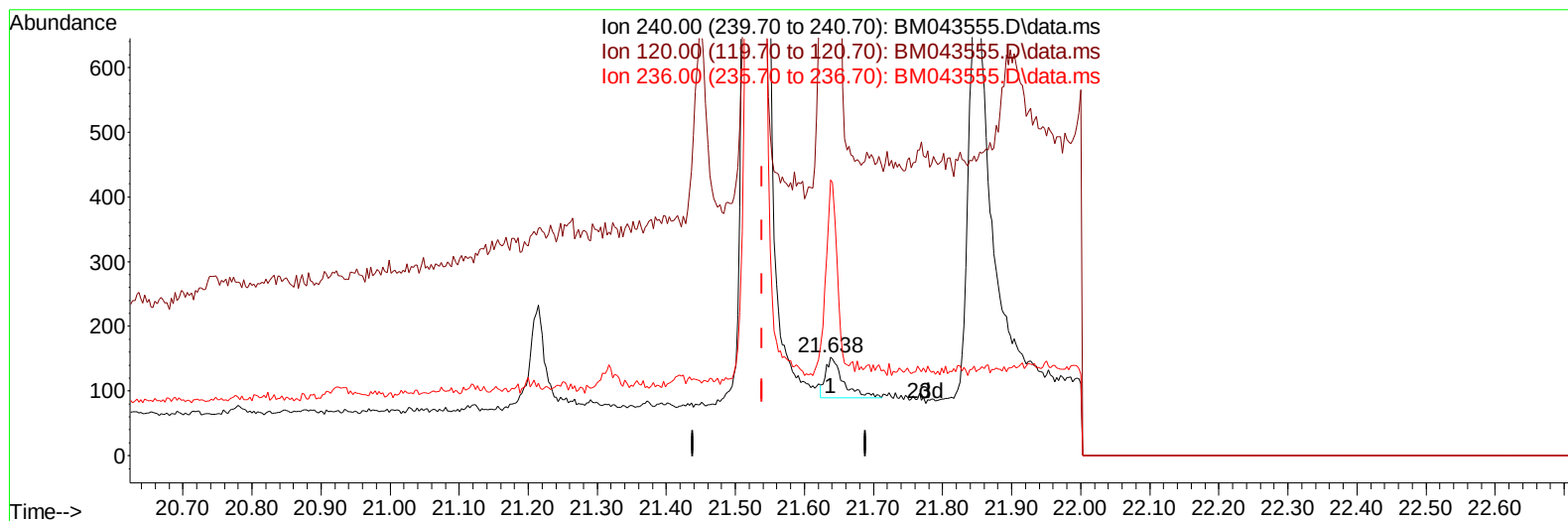
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
Data File : BM043555.D
Acq On : 23 Dec 2023 02:14
Operator : MA/JU
Sample : 05927-05
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM043555.D\data.ms

(17) Chrysene-d12

21.638min (+ 0.099) 0.40 ng/u1

response 107

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	1688.82#
236.00	31.10	280.26#
0.00	0.00	0.00

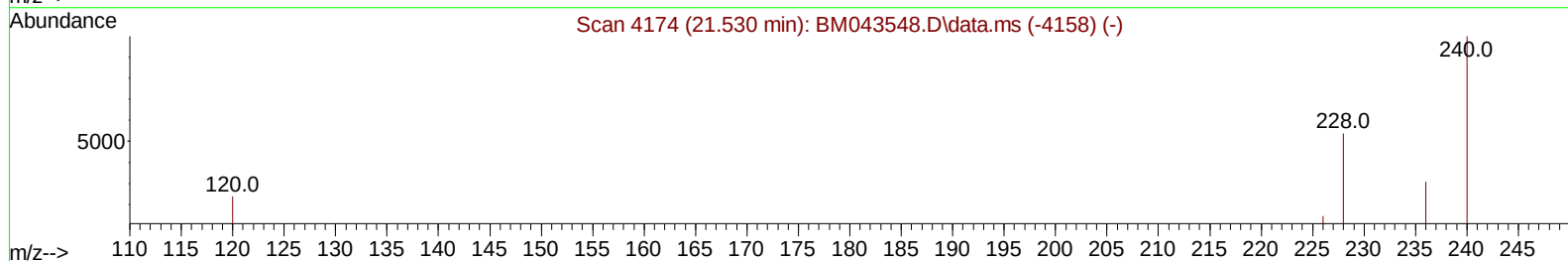
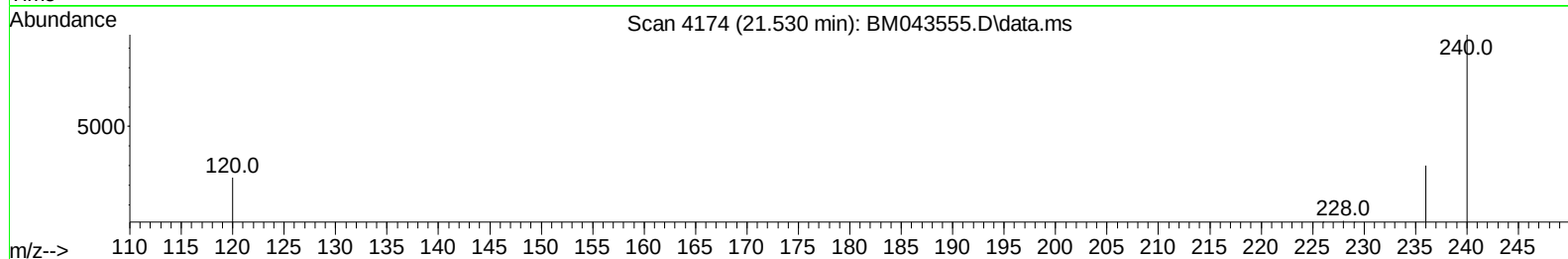
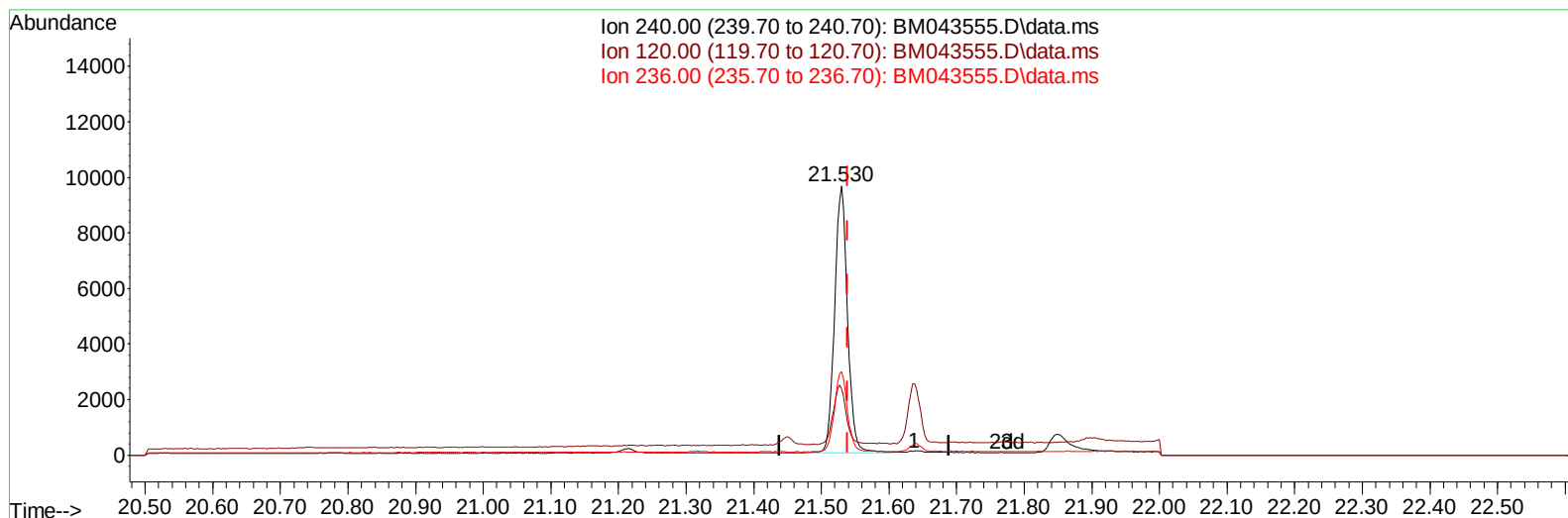
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043555.D
 Acq On : 23 Dec 2023 02:14
 Operator : MA/JU
 Sample : 05927-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
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TIC: BM043555.D\data.ms

(17) Chrysene-d12

21.530min (-0.009) 0.40 ng/ul m

response 12855

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.60	24.75#
236.00	31.10	31.06
0.00	0.00	0.00

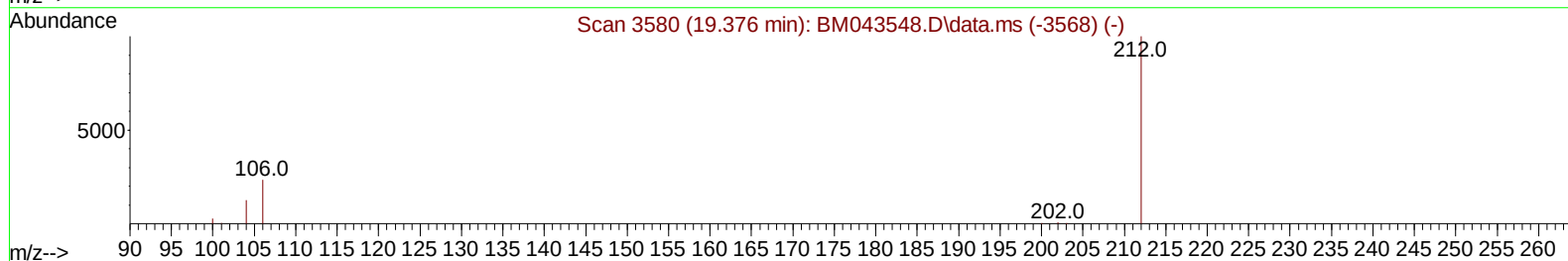
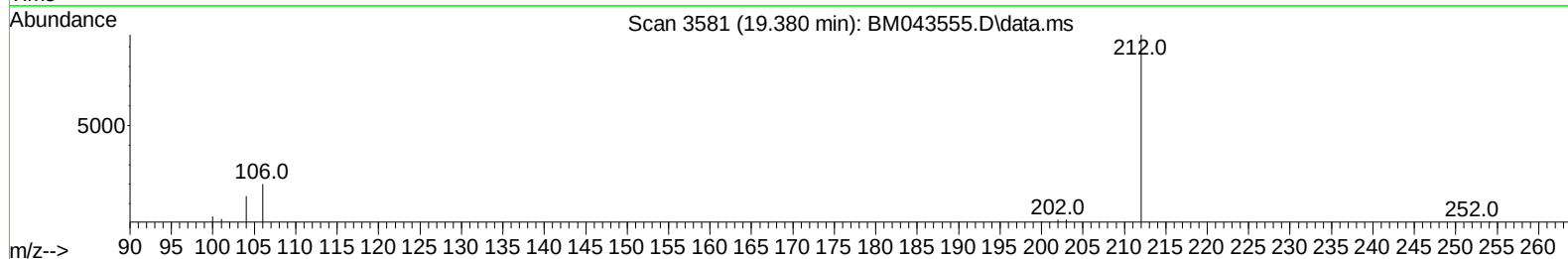
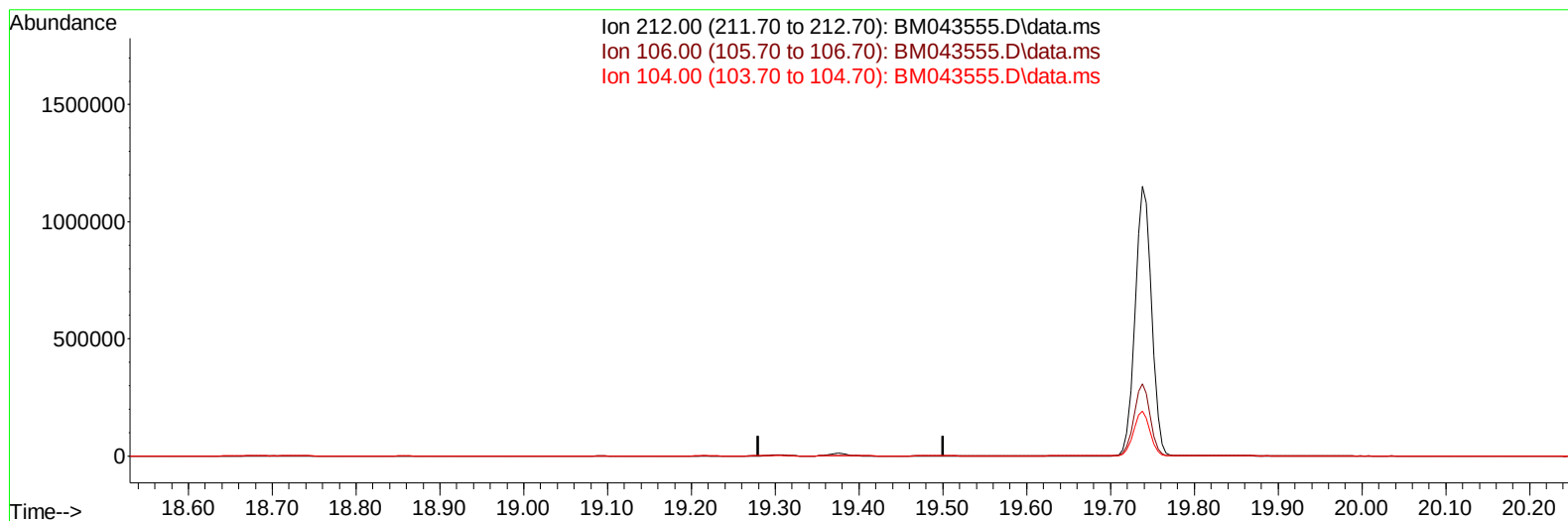
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043555.D
 Acq On : 23 Dec 2023 02:14
 Operator : MA/JU
 Sample : 05927-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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 QLast Update : Tue Dec 19 23:32:46 2023
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TIC: BM043555.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.380min (-19.380) 0.00 ng/u1

response 0

Ion	Exp%	Act%
212.00	100.00	0.00
106.00	19.40	0.00#
104.00	11.00	0.00#
0.00	0.00	0.00

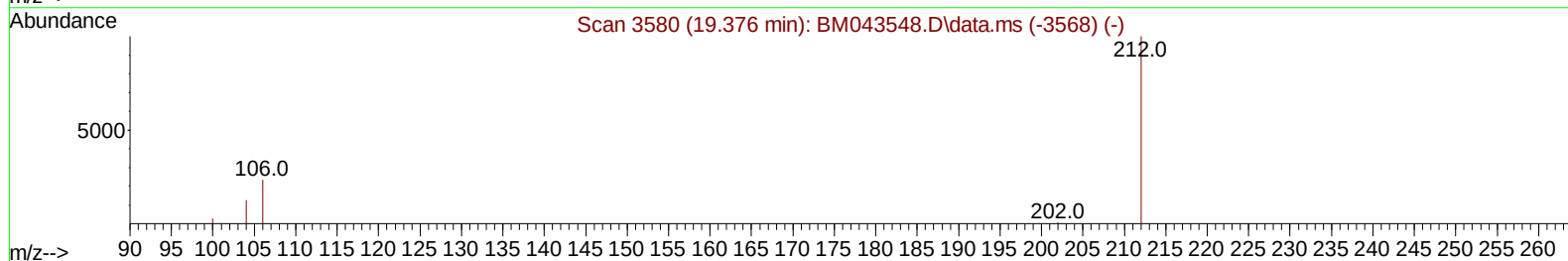
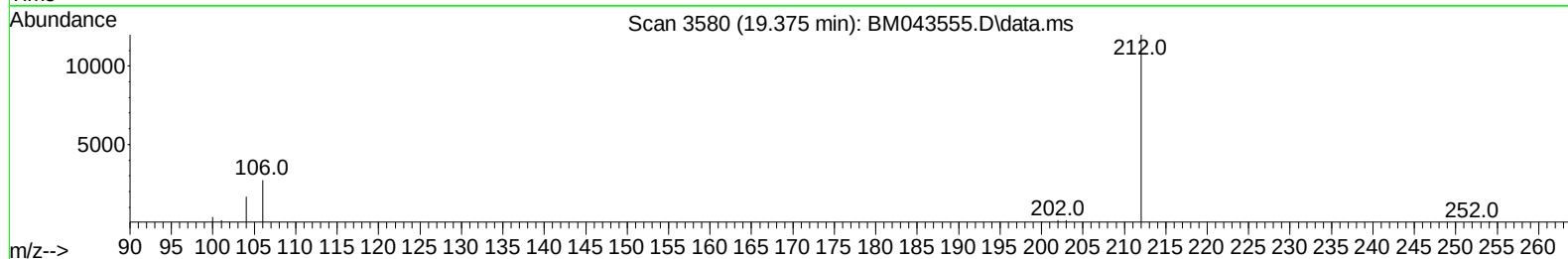
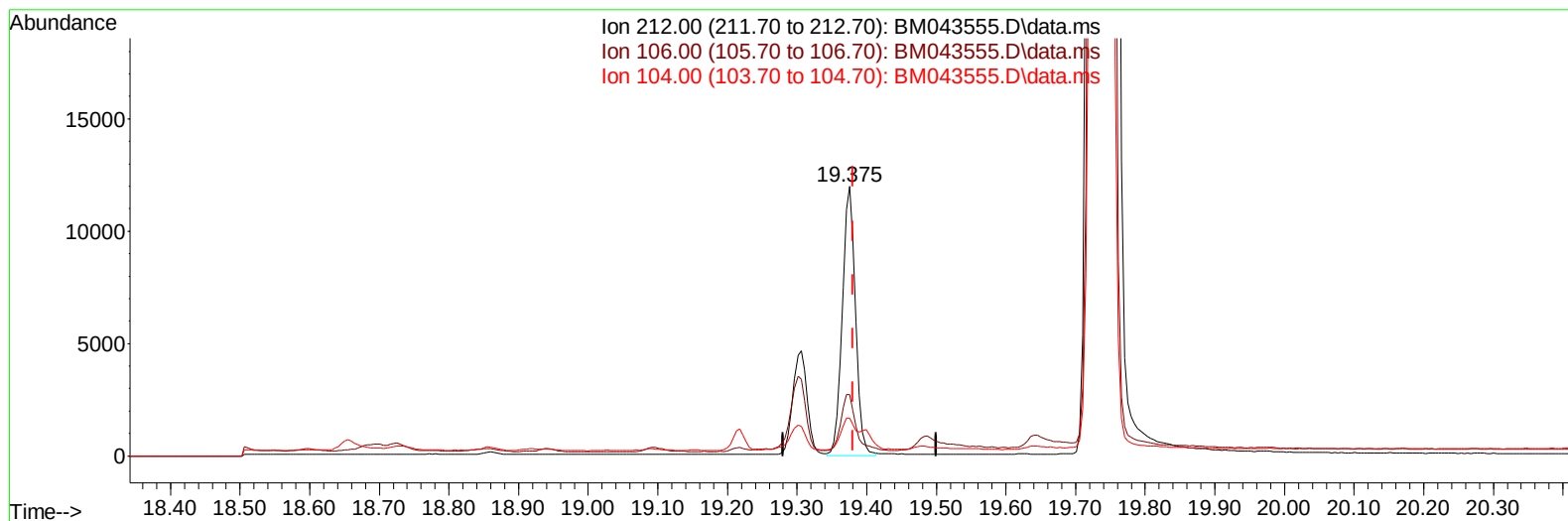
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
Data File : BM043555.D
Acq On : 23 Dec 2023 02:14
Operator : MA/JU
Sample : 05927-05
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
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TIC: BM043555.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.375min (-0.005) 0.35 ng/ul m

response 15921

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.40	0.00#
104.00	11.00	0.00#
0.00	0.00	0.00

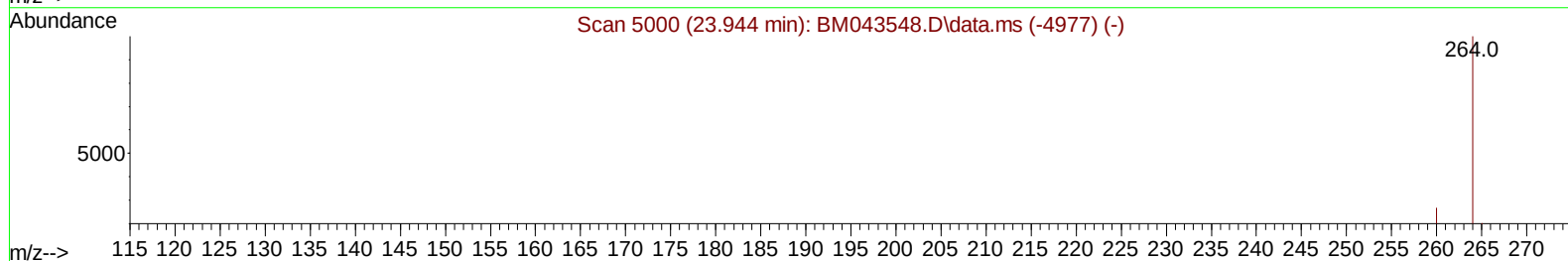
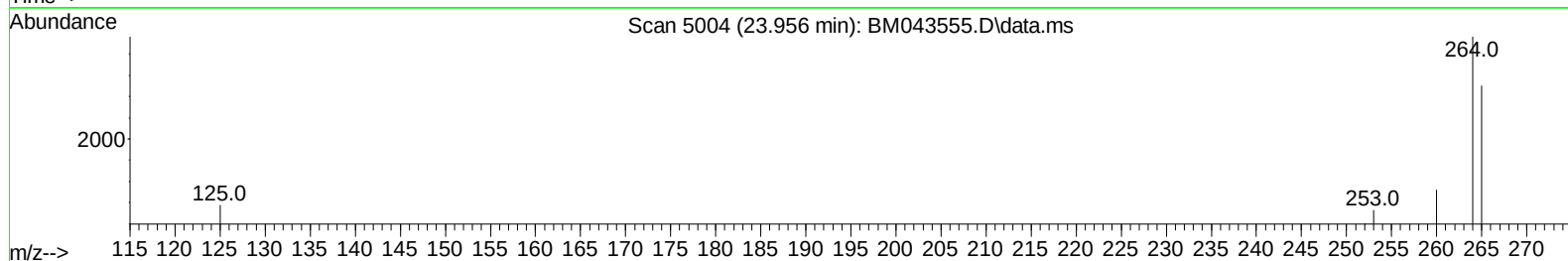
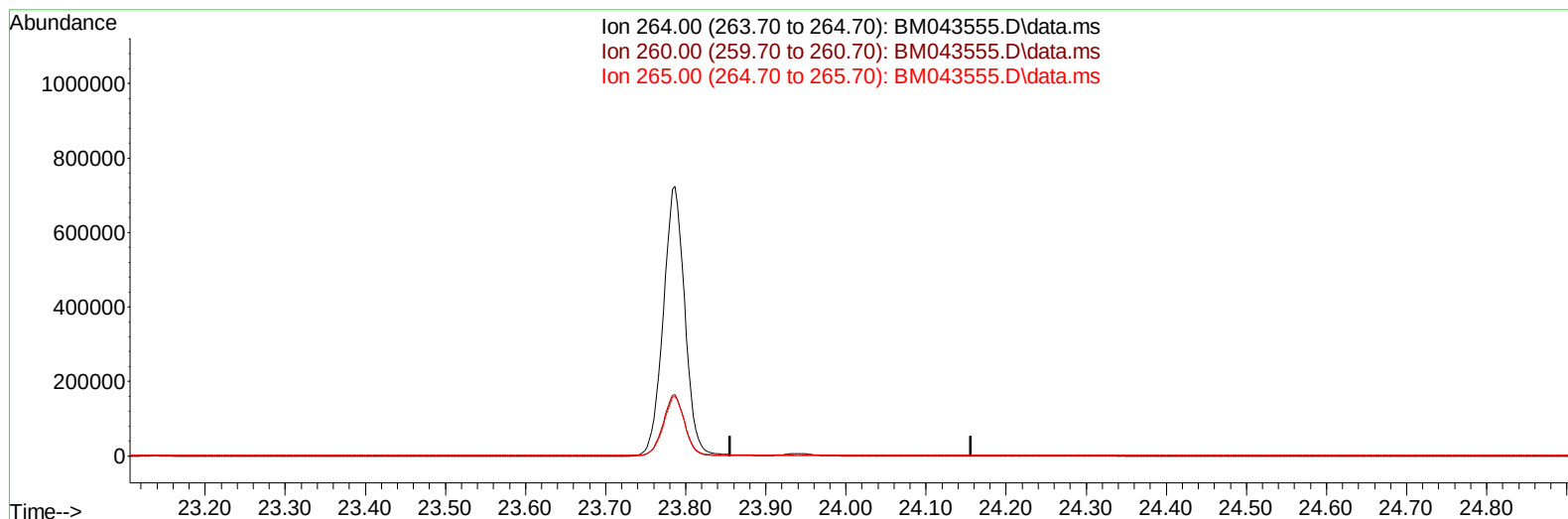
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043555.D
 Acq On : 23 Dec 2023 02:14
 Operator : MA/JU
 Sample : 05927-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGWA5

Manual IntegrationsAPPROVED

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TIC: BM043555.D\data.ms

(23) Perylene-d12 (I)

23.956min (-23.956) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	28.30	0.00#
265.00	39.10	0.00#
0.00	0.00	0.00

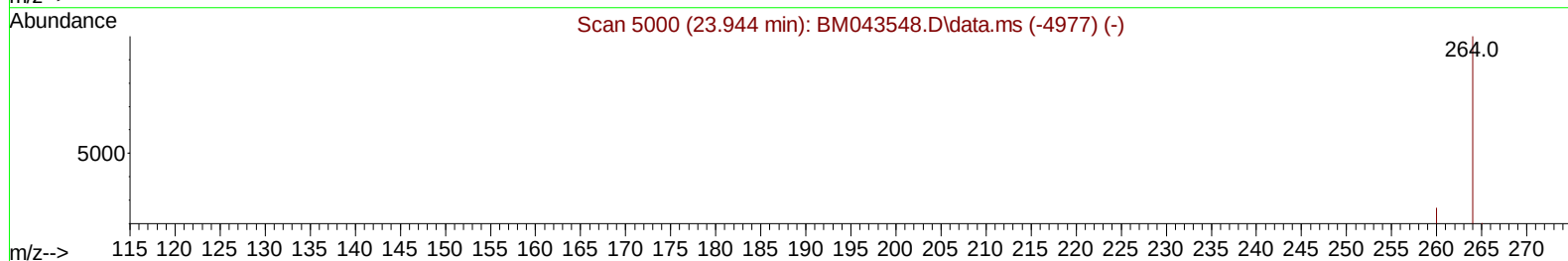
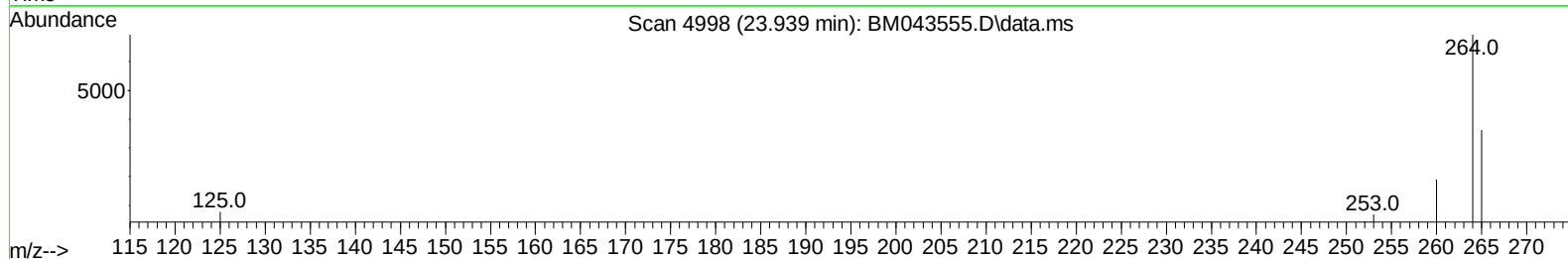
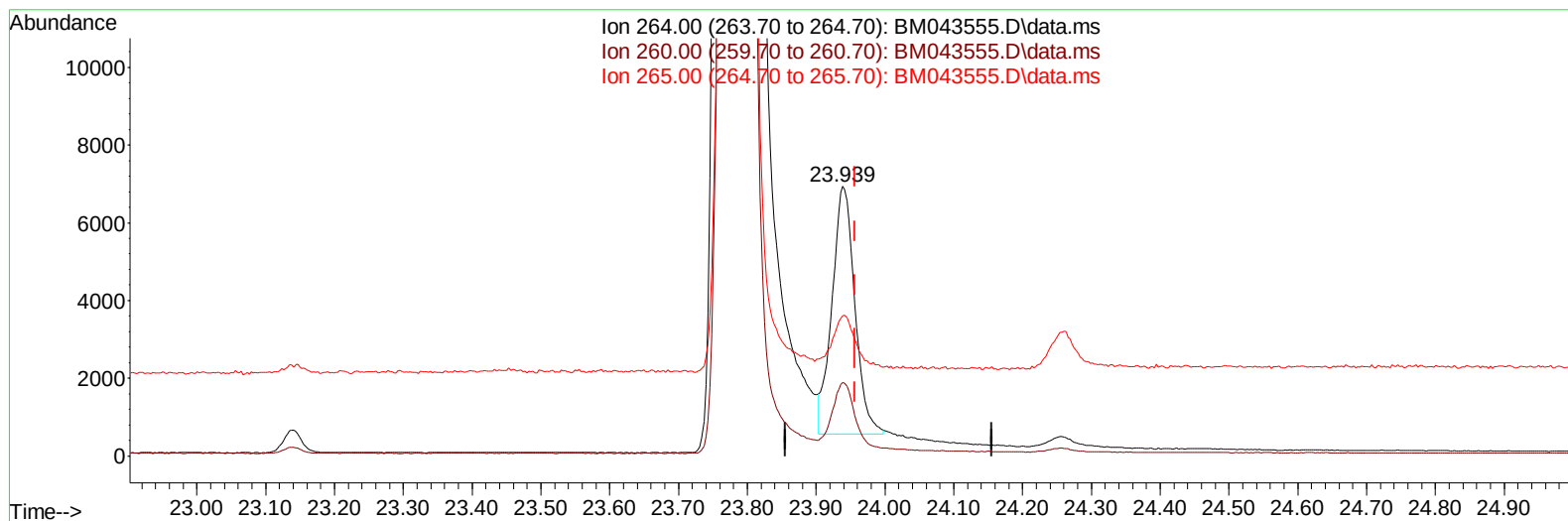
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043555.D
 Acq On : 23 Dec 2023 02:14
 Operator : MA/JU
 Sample : 05927-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGWA5

Manual IntegrationsAPPROVED

Quant Time: Dec 23 03:04:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 23:32:46 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/28/2023



TIC: BM043555.D\data.ms

(23) Perylene-d12 (I)

23.939min (-0.018) 0.40 ng/ul m

response 14647

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.30	27.21
265.00	39.10	52.08#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122223\
 Data File : BM043555.D
 Acq On : 23 Dec 2023 02:14
 Operator : MA/JU
 Sample : 05927-05
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGWA5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 23 03:04:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152		6819	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136		21376	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.606	164		10285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188		17598m	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240		12855m	0.400	ng/ul	0.00
23) Perylene-d12	23.939	264		14647m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.376	96		22855	2.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152		9500	0.314	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212		15921m	0.347	ng/ul	0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.414	88		8234	0.953	ng/ul#	79

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

