

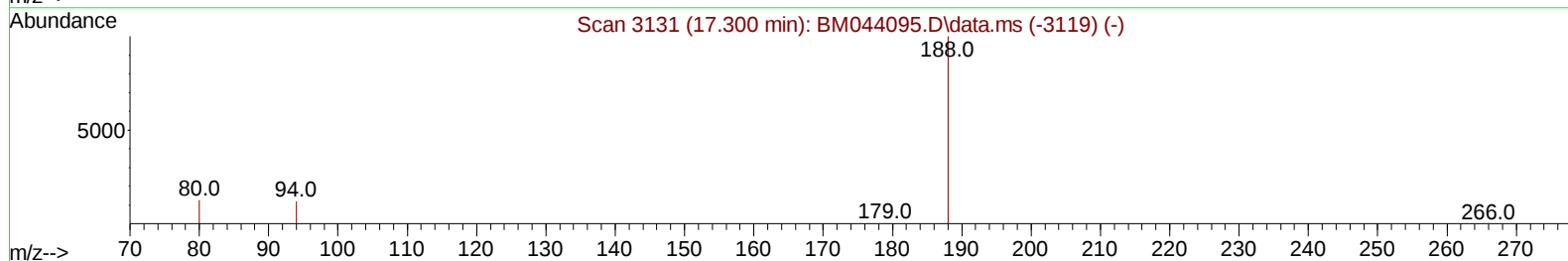
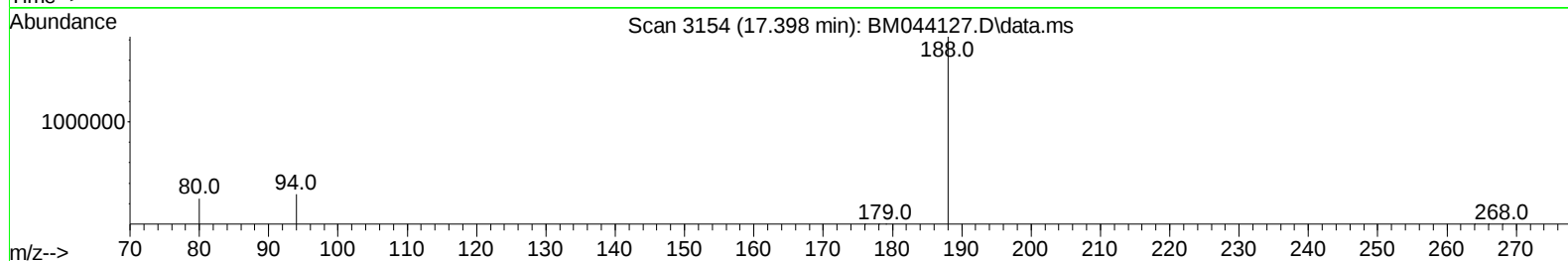
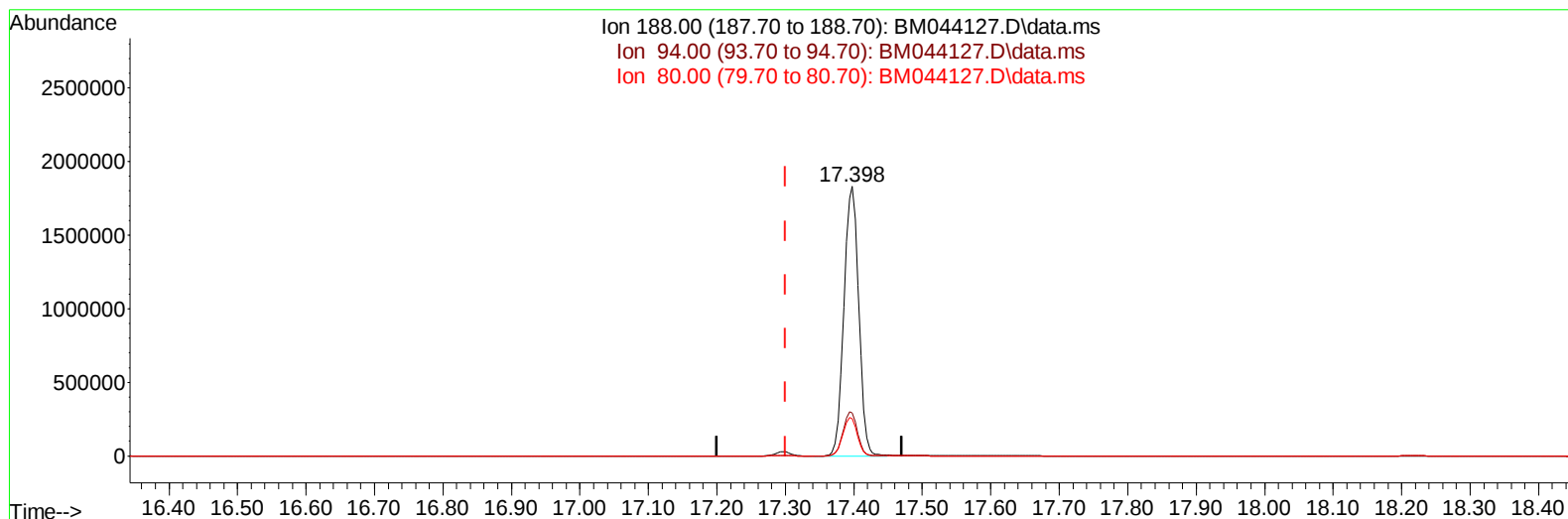
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(13) Phenanthrene-d10 (I)

17.398min (+ 0.097) 0.40 ng/u1

response 2772311

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	15.93#
80.00	13.40	13.70
0.00	0.00	0.00

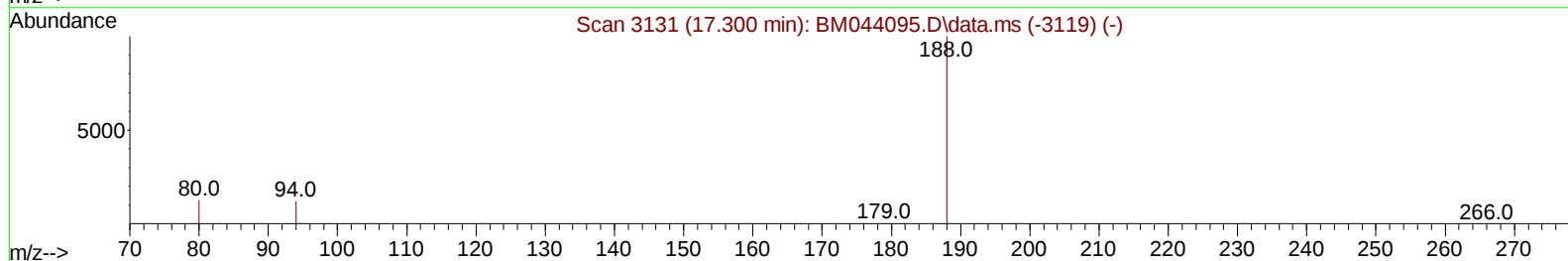
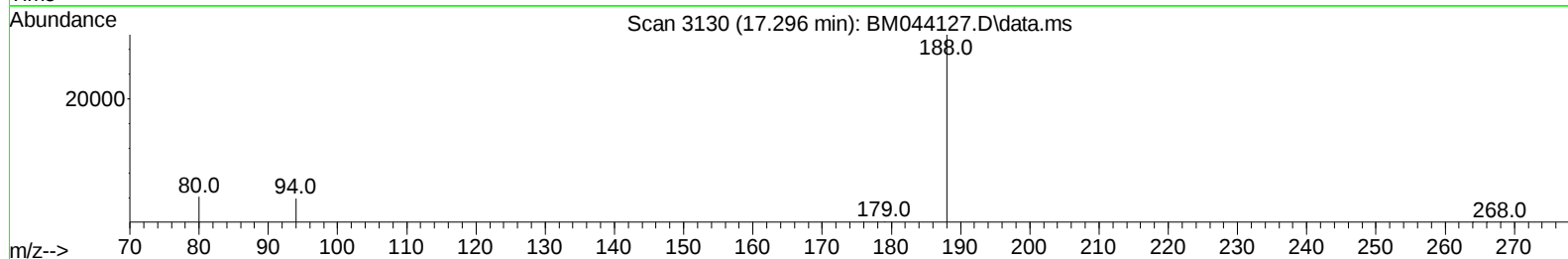
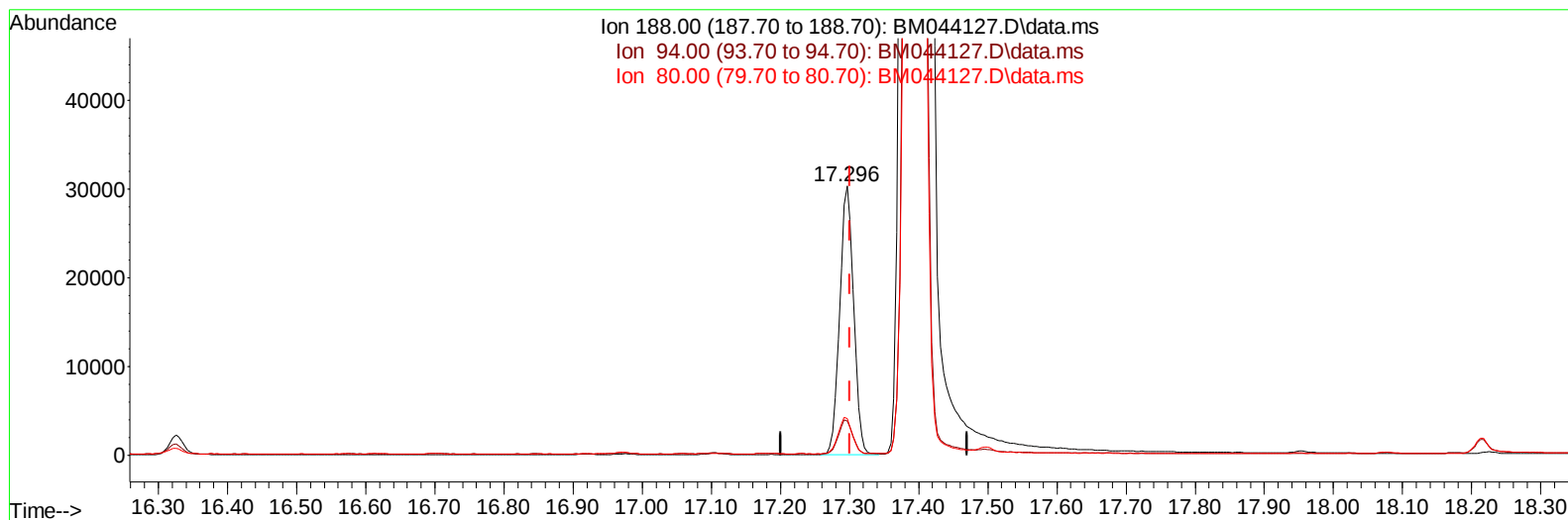
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(13) Phenanthrene-d10 (I)

17.296min (-0.004) 0.40 ng/ul m

response 42655

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.72
80.00	13.40	13.60
0.00	0.00	0.00

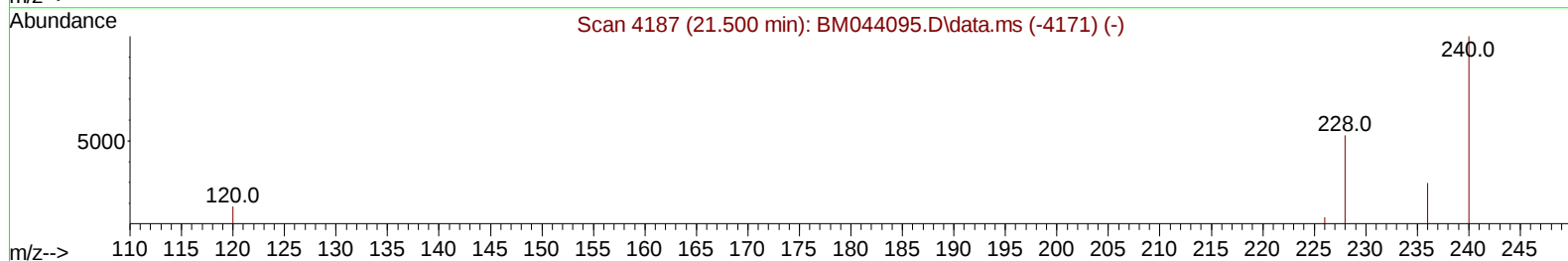
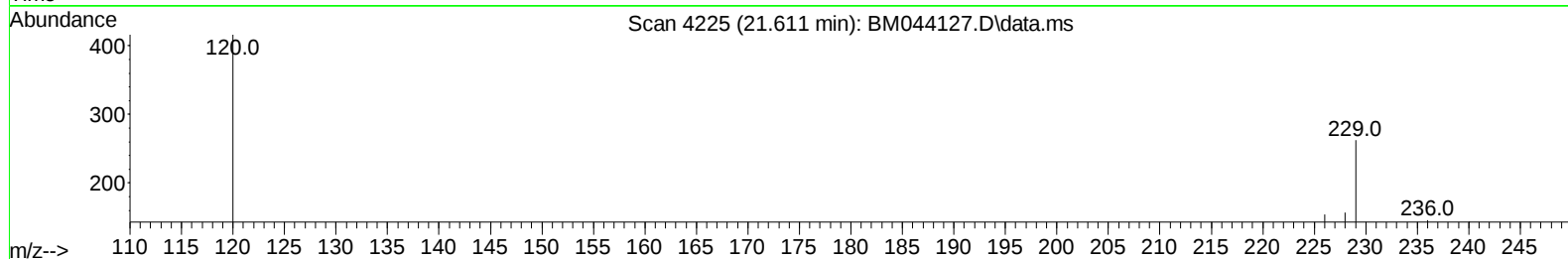
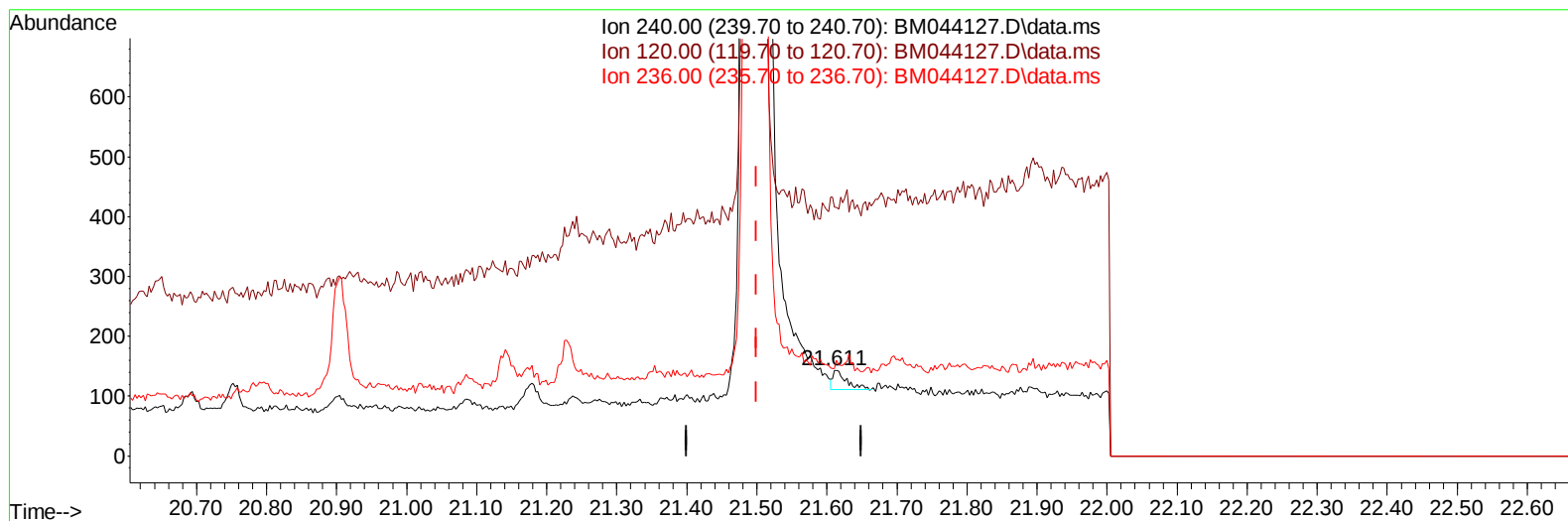
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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TIC: BM044127.D\data.ms

(17) Chrysene-d12

21.611min (+ 0.111) 0.40 ng/u1

response 43

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	290.91#
236.00	30.60	102.10#
0.00	0.00	0.00

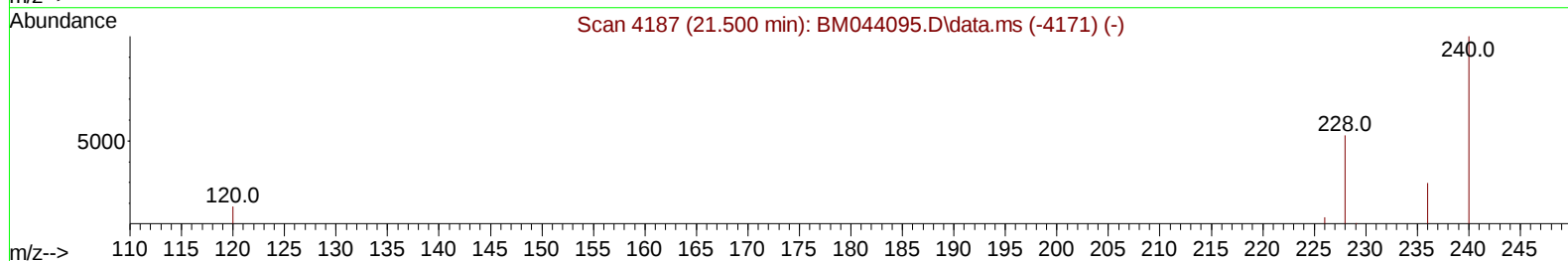
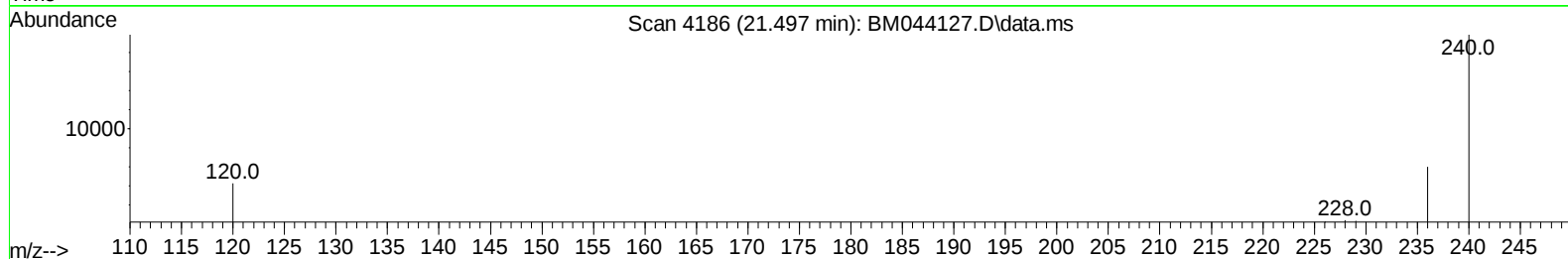
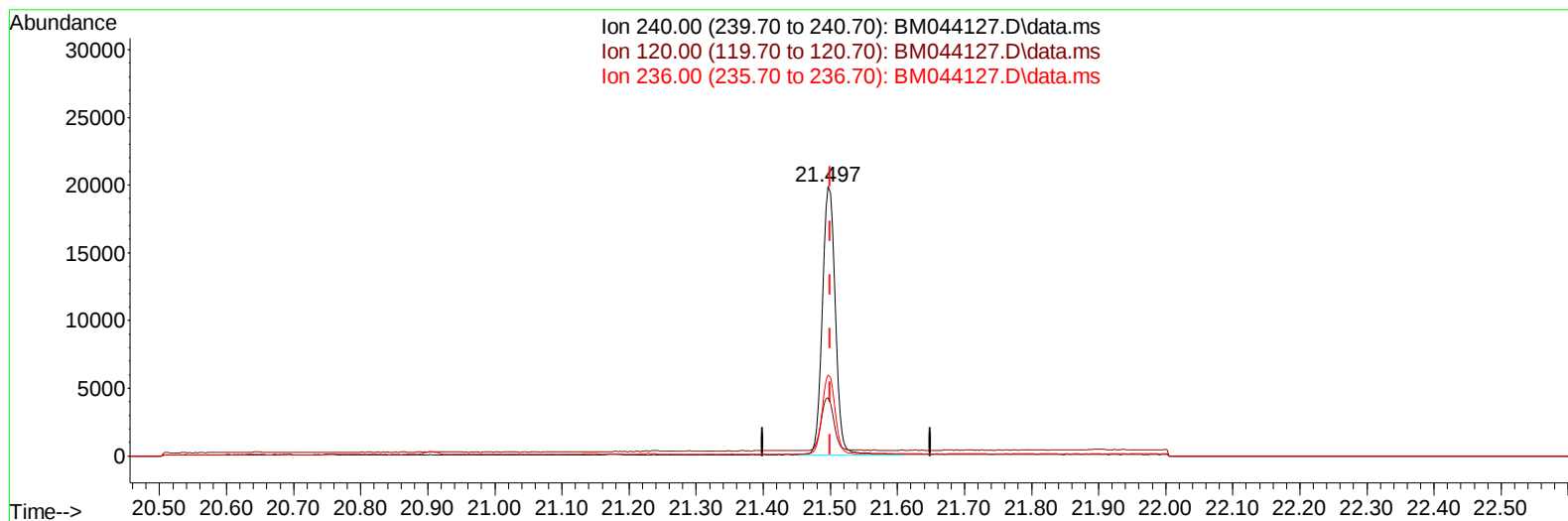
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(17) Chrysene-d12

21.497min (-0.003) 0.40 ng/ul m

response 26366

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	20.50	21.69
236.00	30.60	30.17
0.00	0.00	0.00

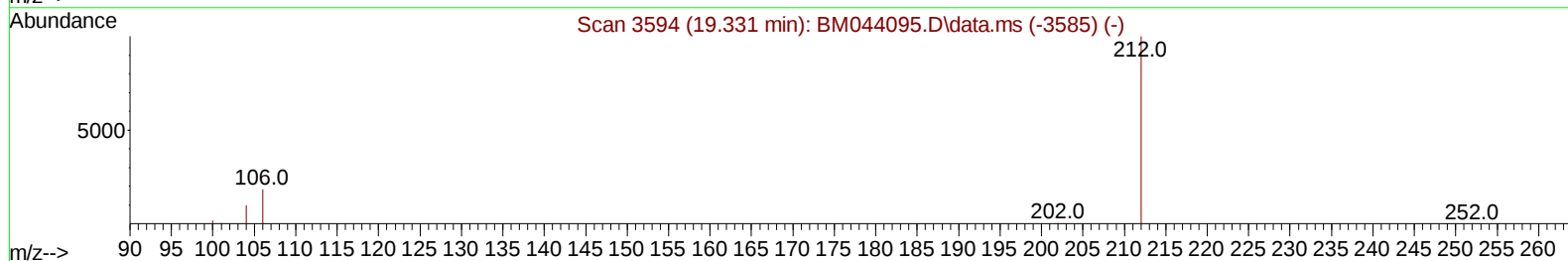
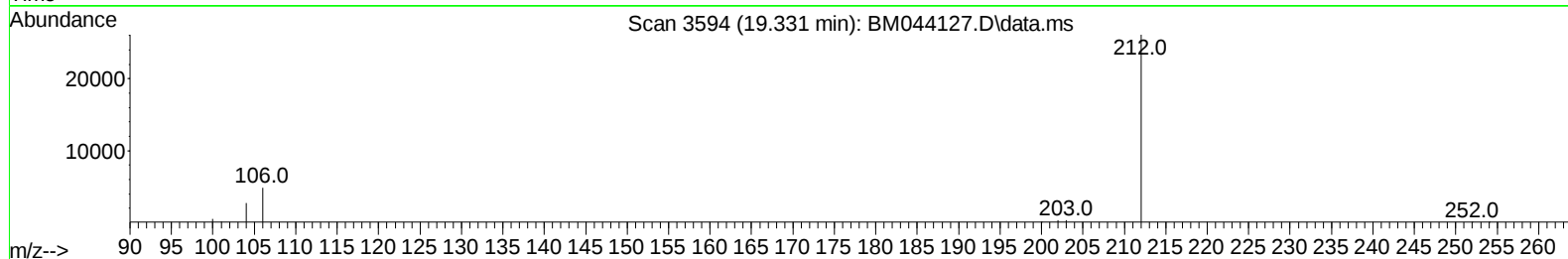
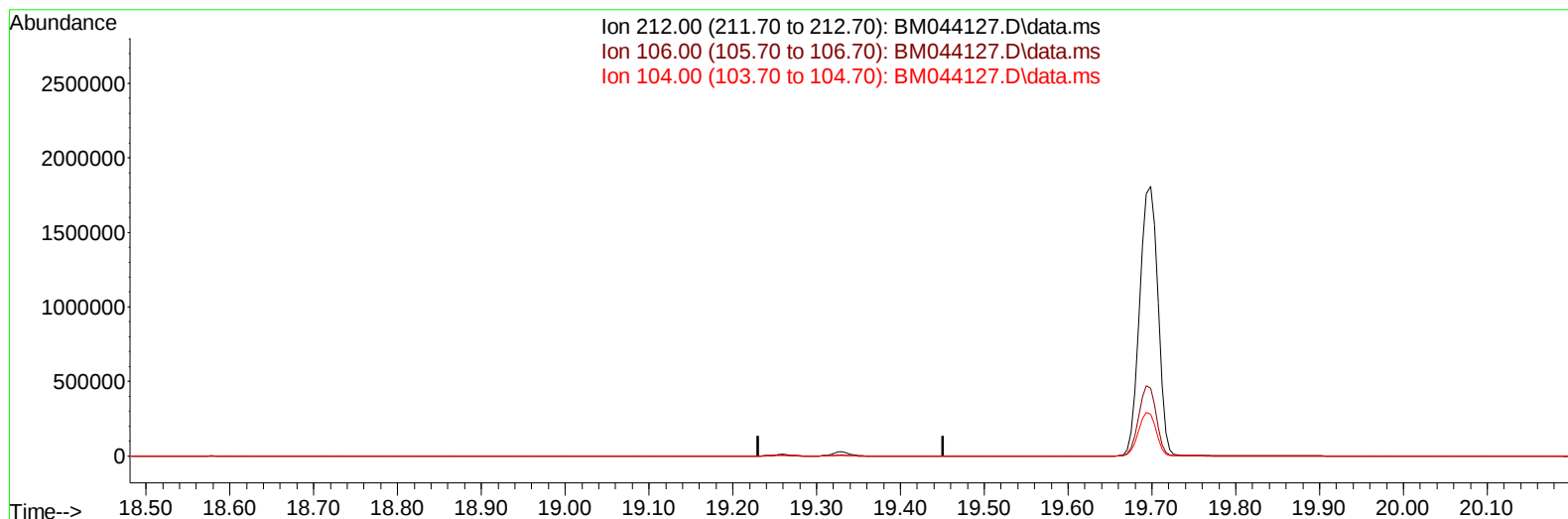
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

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TIC: BM044127.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.331min (-19.331) 0.00 ng/u1

response 0

Ion	Exp%	Act%
212.00	100.00	0.00
106.00	18.40	0.00#
104.00	10.10	0.00#
0.00	0.00	0.00

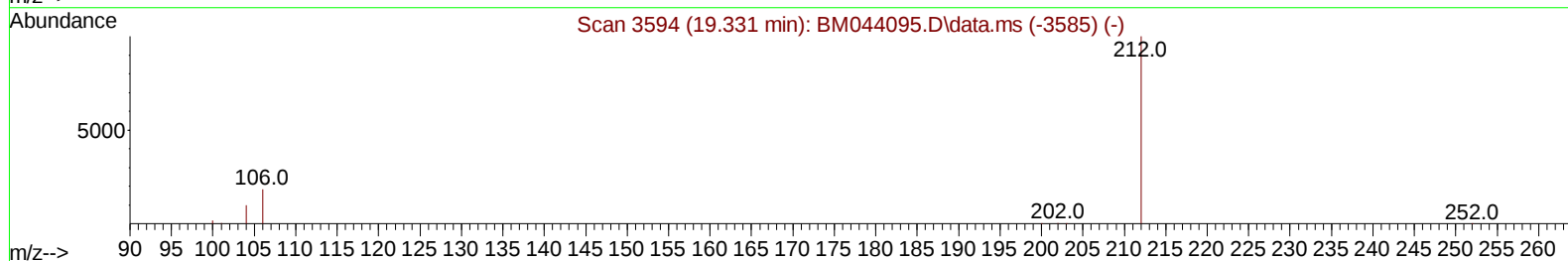
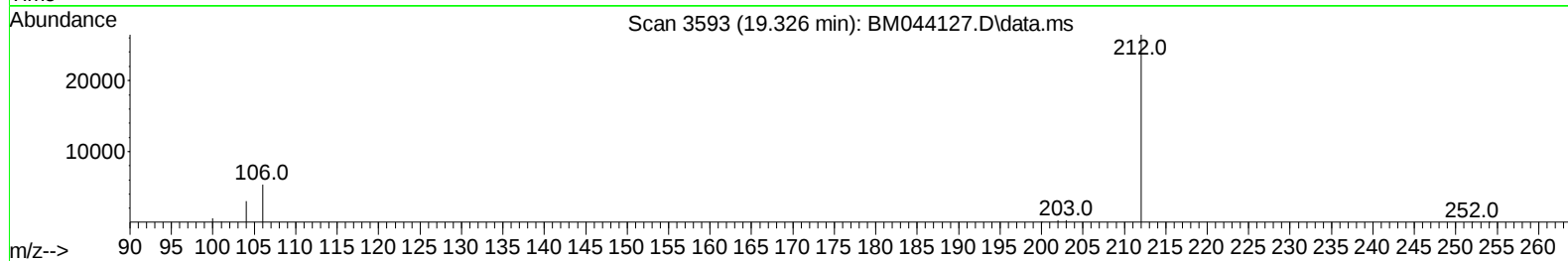
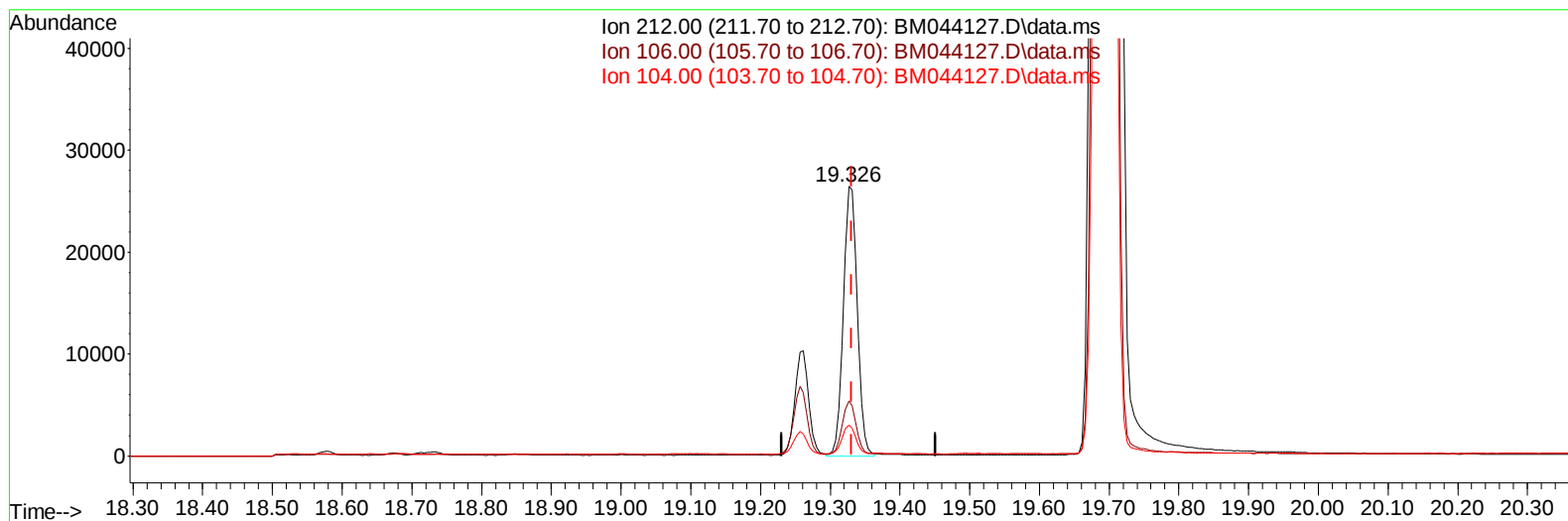
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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TIC: BM044127.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.326min (-0.004) 0.46 ng/u1 m

response 36169

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	18.40	0.00#
104.00	10.10	0.00#
0.00	0.00	0.00

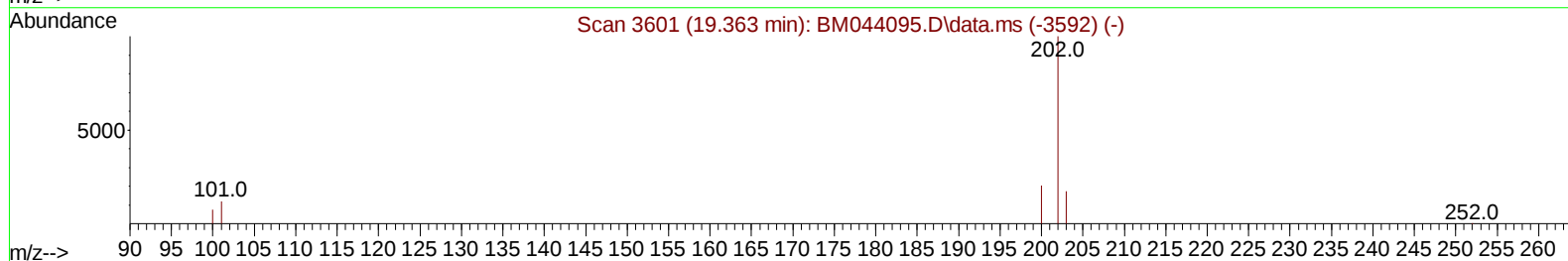
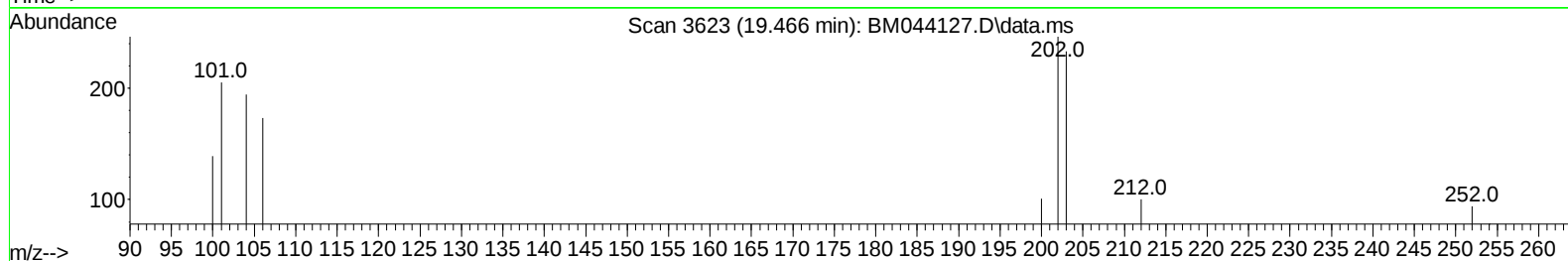
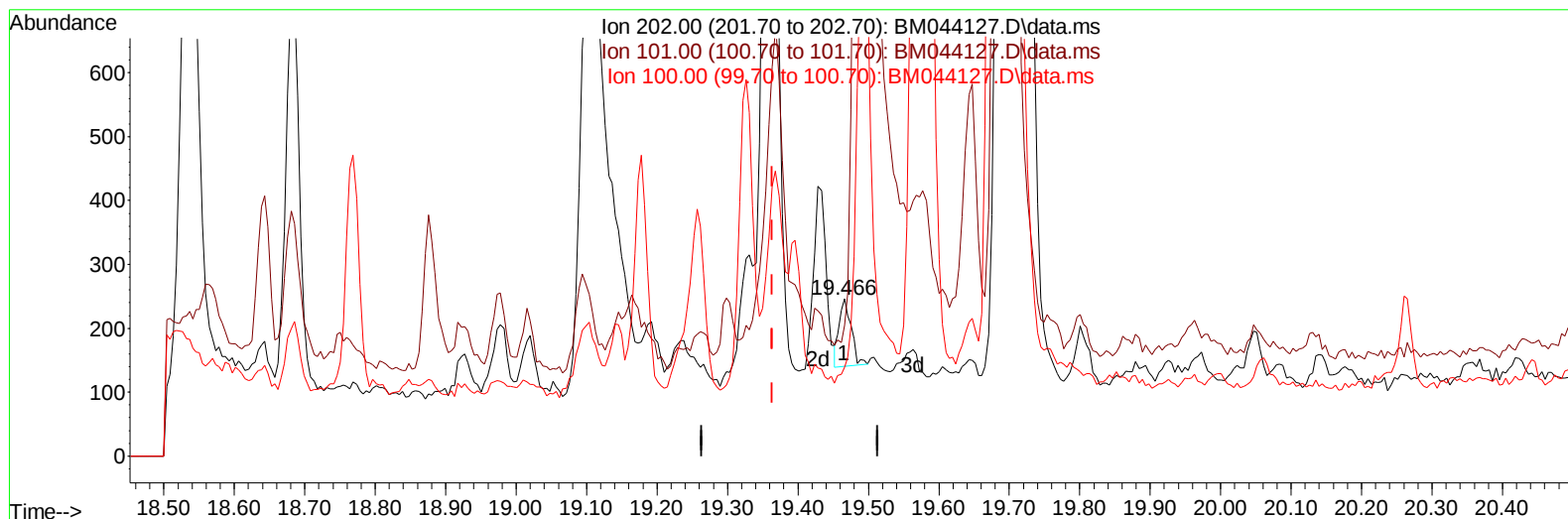
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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TIC: BM044127.D\data.ms

(19) Fluoranthene (C)

19.466min (+ 0.102) 0.00 ng/u1

response 125

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	83.33#
100.00	8.70	56.50#
0.00	0.00	0.00

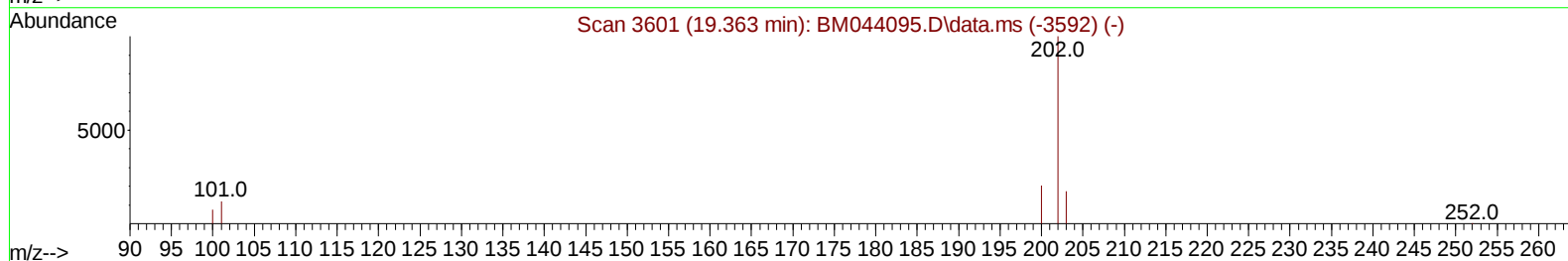
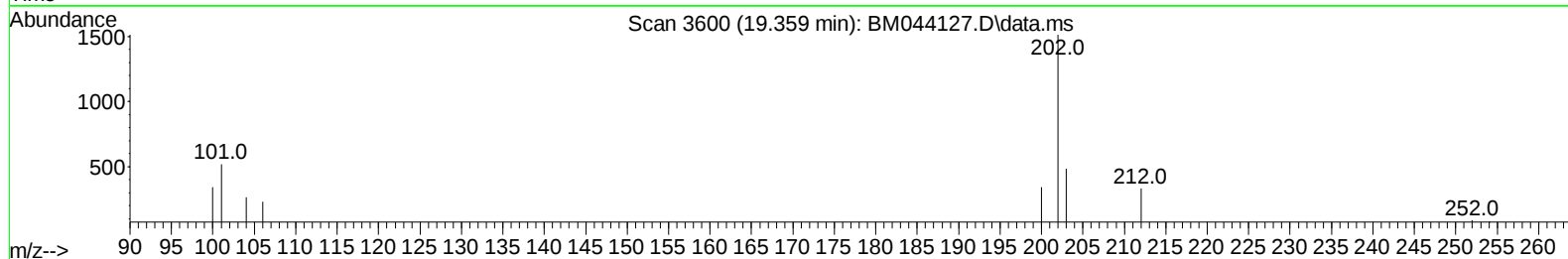
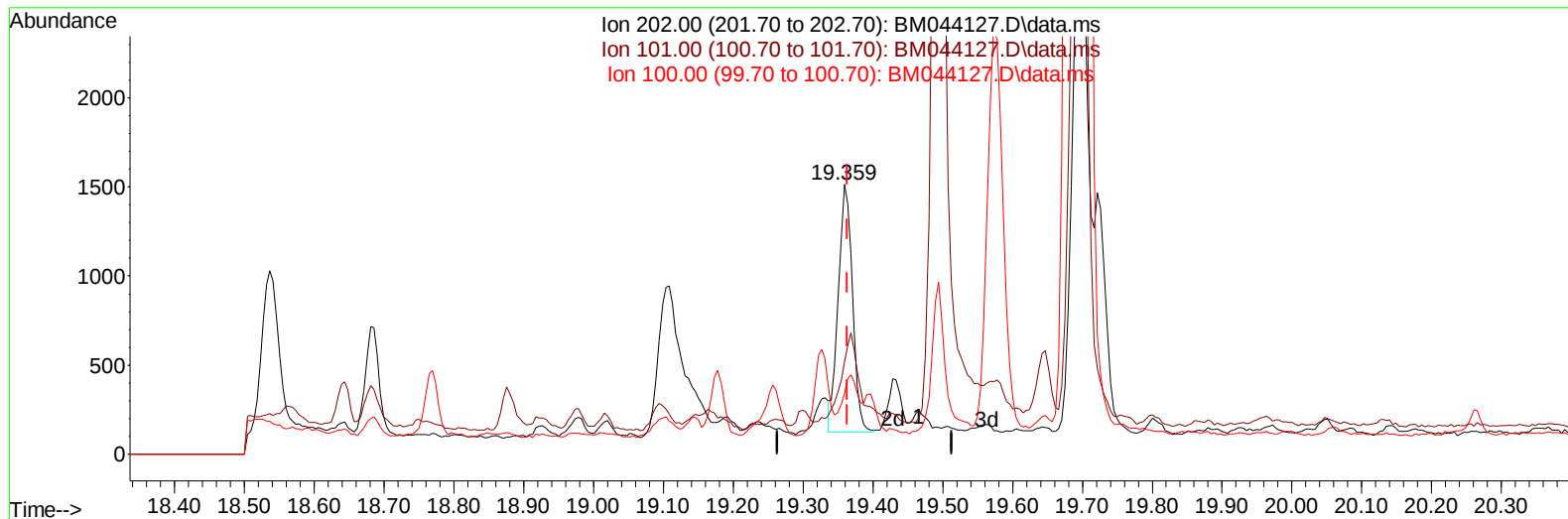
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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TIC: BM044127.D\data.ms

(19) Fluoranthene (C)

19.359min (-0.004) 0.02 ng/u1 m

response 1962

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.20	34.28#
100.00	8.70	22.66#
0.00	0.00	0.00

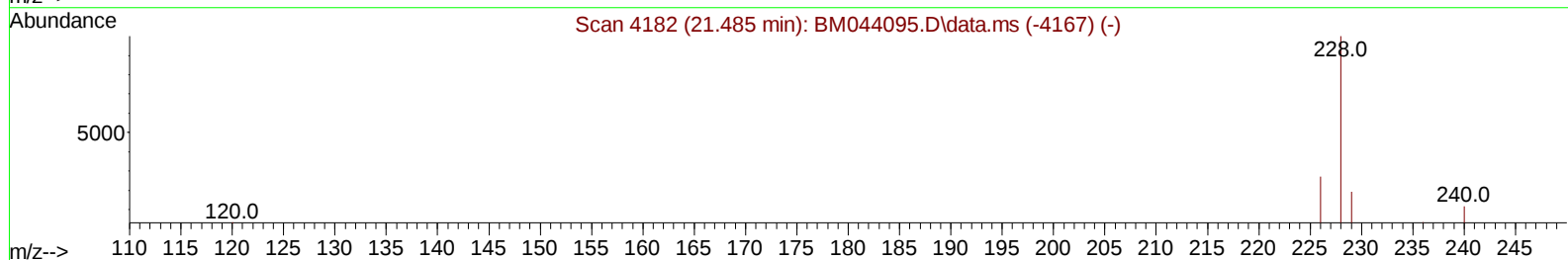
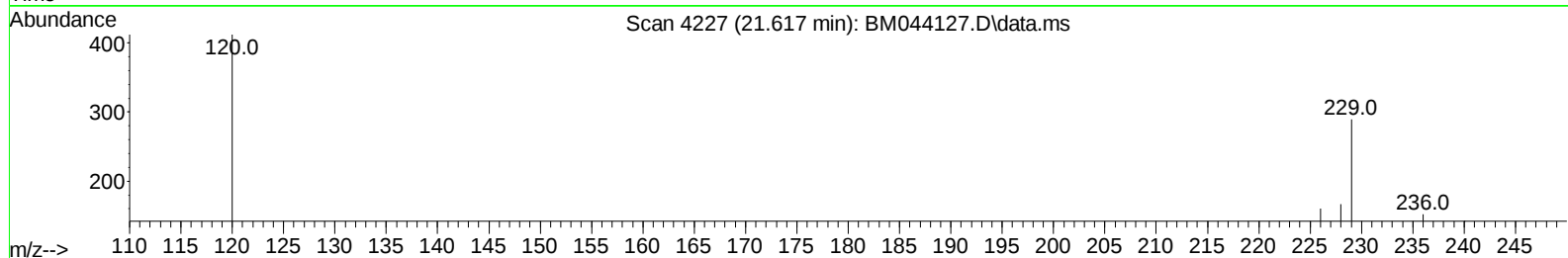
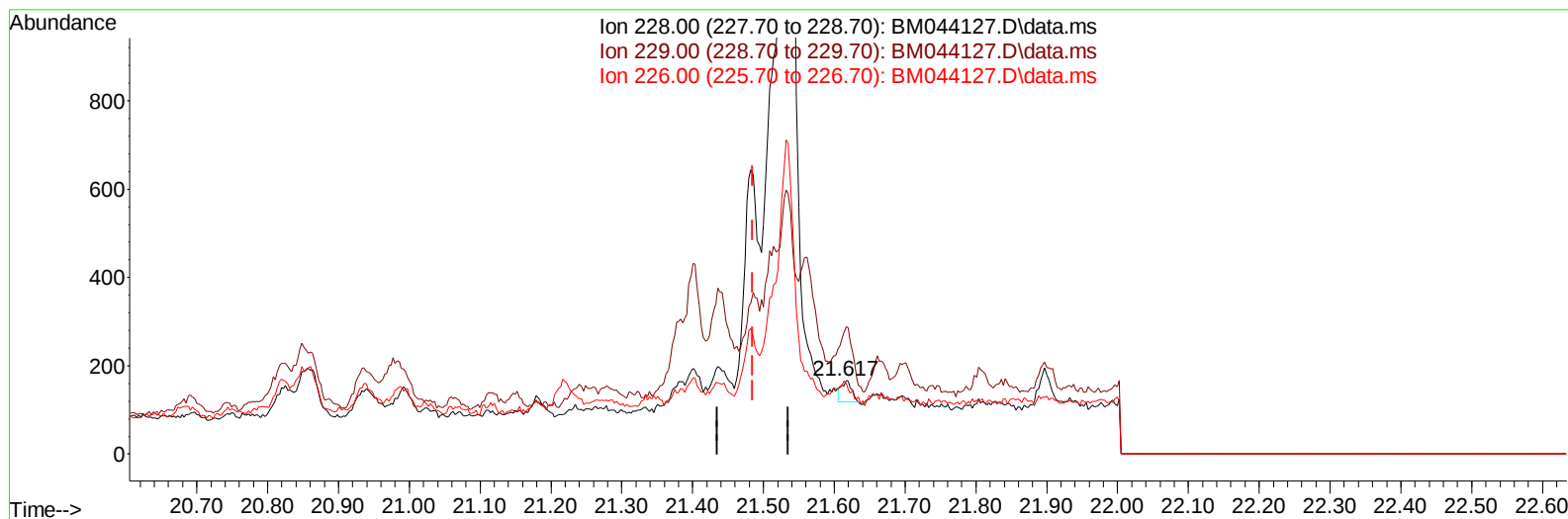
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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TIC: BM044127.D\data.ms

(21) Benzo(a)anthracene

21.617min (+ 0.132) 0.00 ng/u1

response 49

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	173.05#
226.00	27.60	95.81#
0.00	0.00	0.00

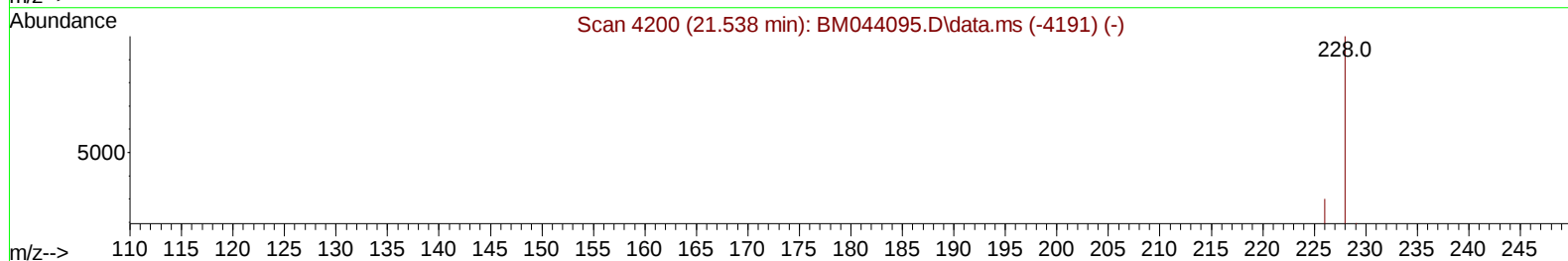
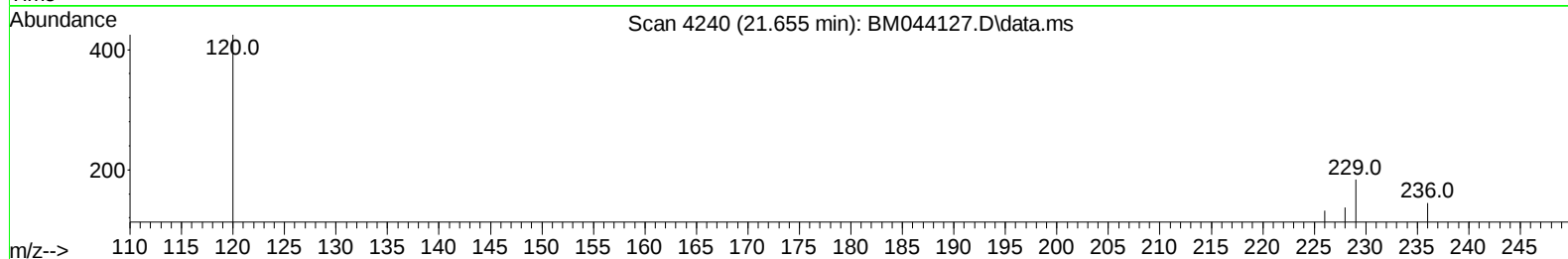
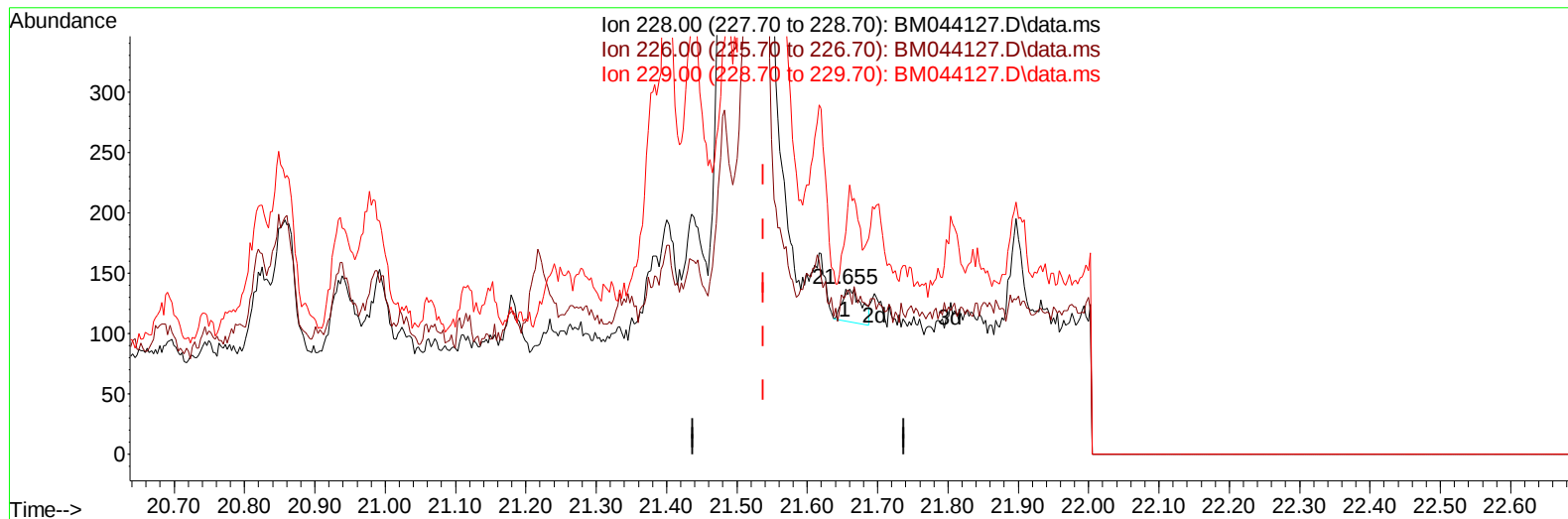
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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TIC: BM044127.D\data.ms

(22) Chrysene

21.655min (+ 0.117) 0.00 ng/u1

response 51

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	96.35#
229.00	19.70	134.31#
0.00	0.00	0.00

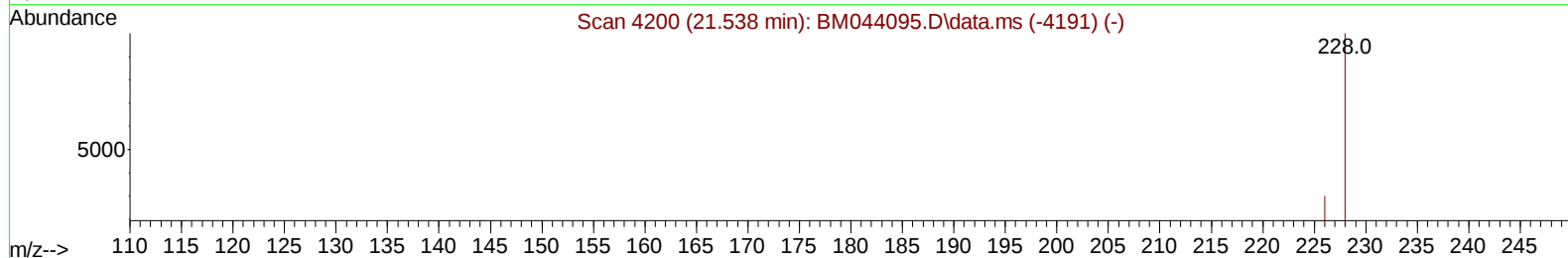
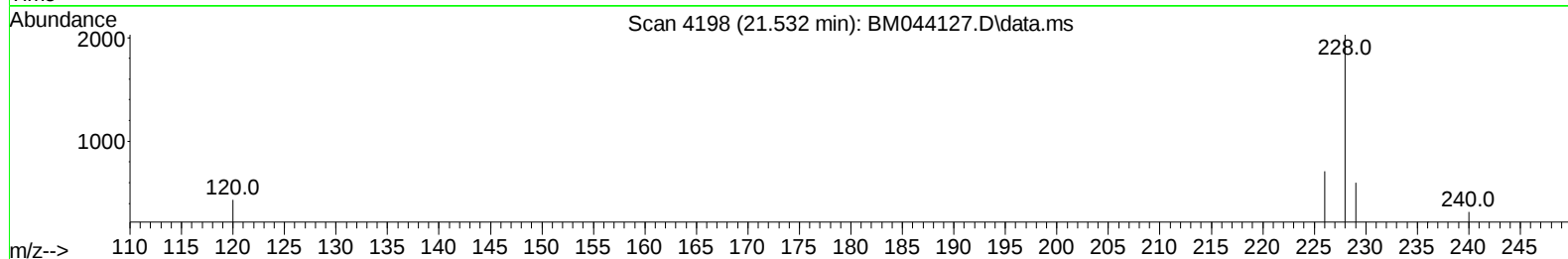
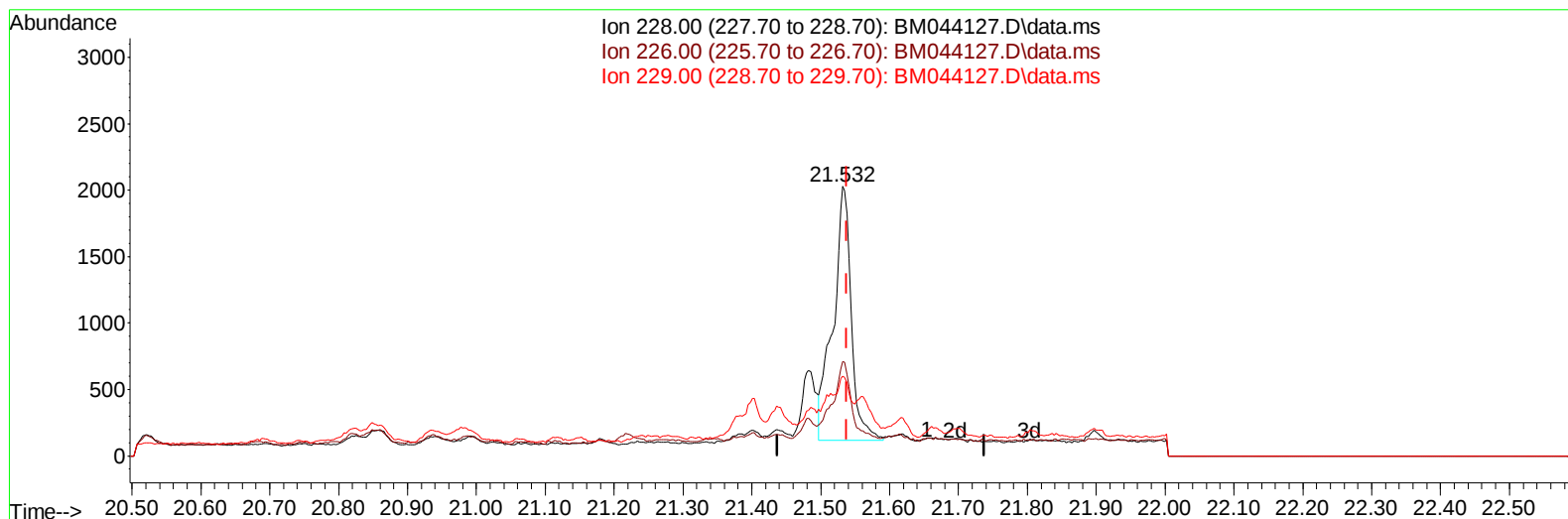
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

Quant Time: Feb 16 08:23:46 2024
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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(22) Chrysene

21.532min (-0.006) 0.03 ng/ul m

response 3503

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	35.06
229.00	19.70	29.49#
0.00	0.00	0.00

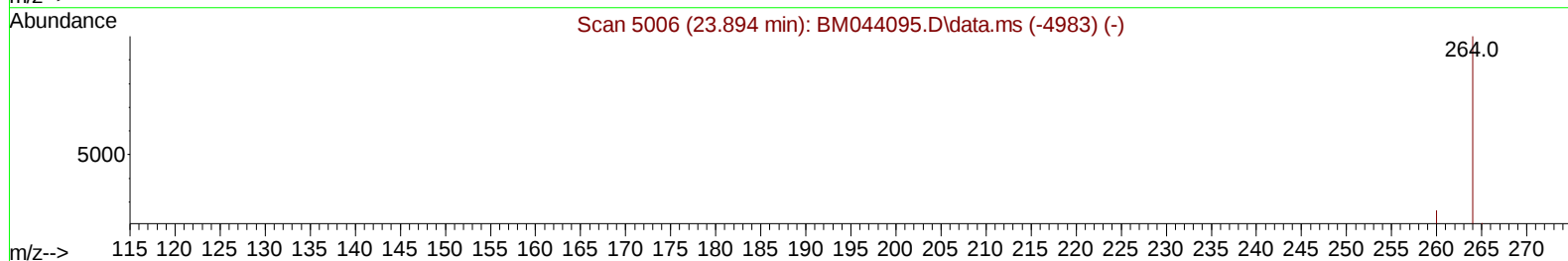
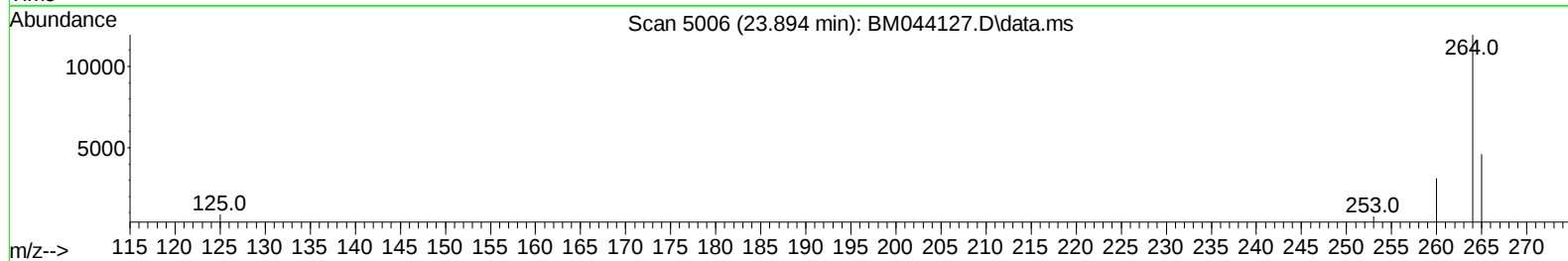
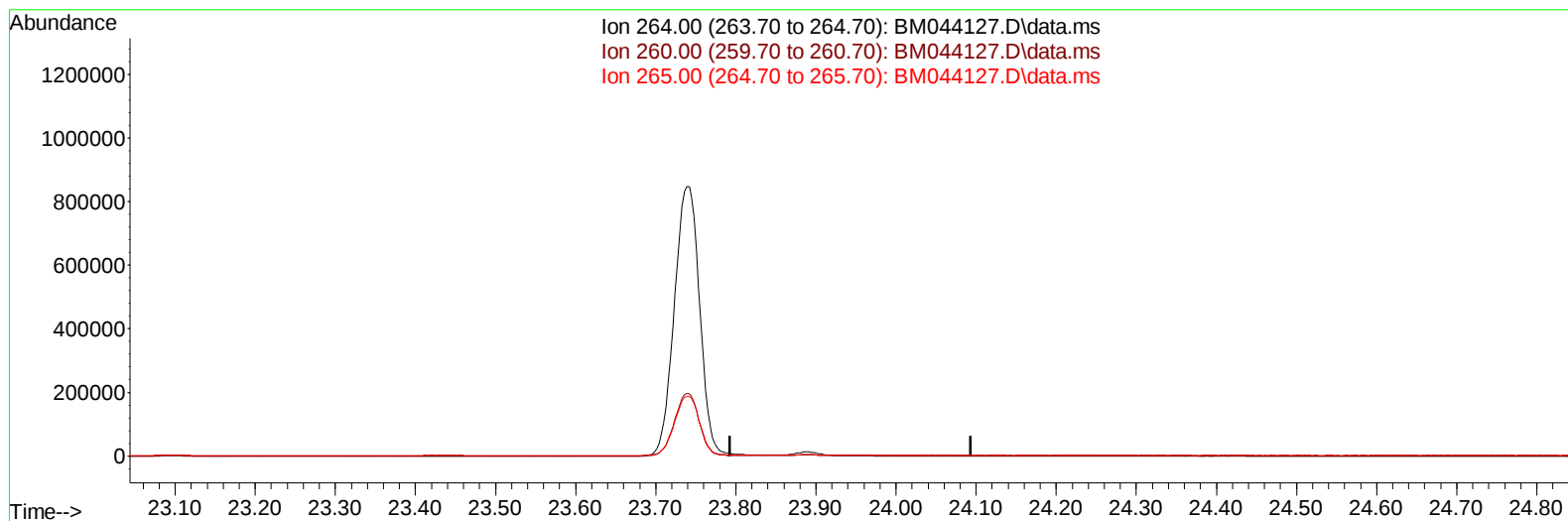
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044127.D
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 Sample : P1305-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

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 ClientSampleId :
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 QLast Update : Thu Feb 15 13:40:24 2024
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 Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(23) Perylene-d12 (I)

23.894min (-23.894) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	27.00	0.00#
265.00	45.40	0.00#
0.00	0.00	0.00

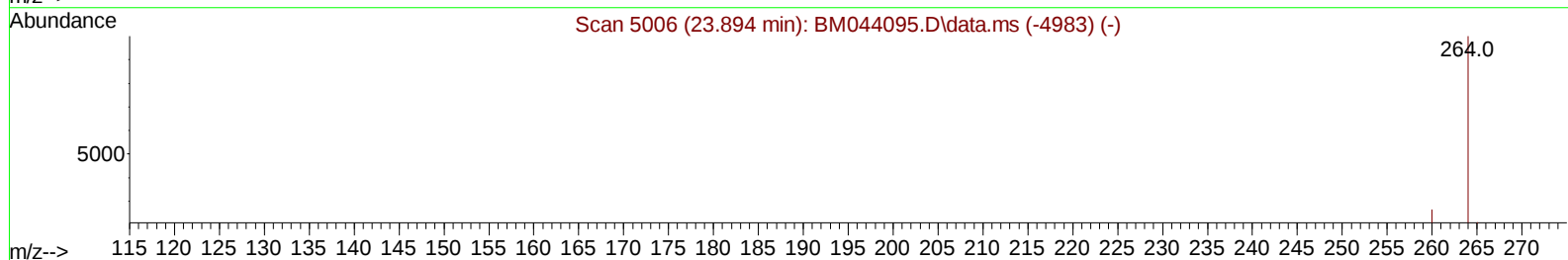
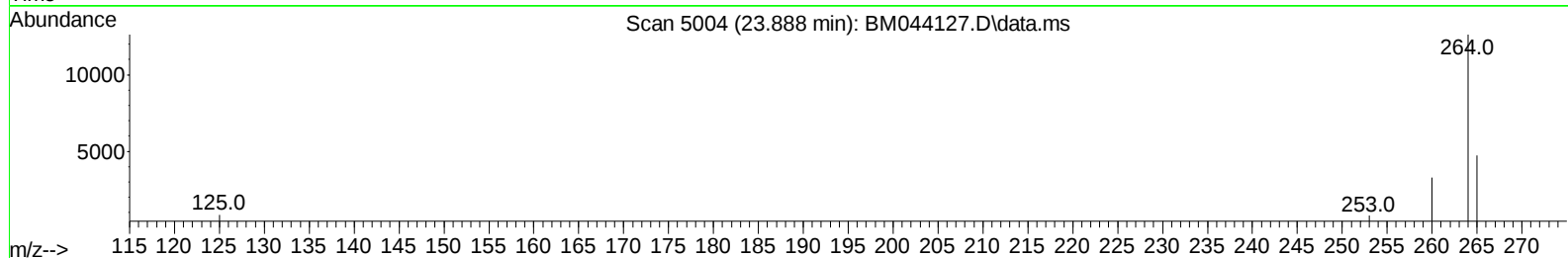
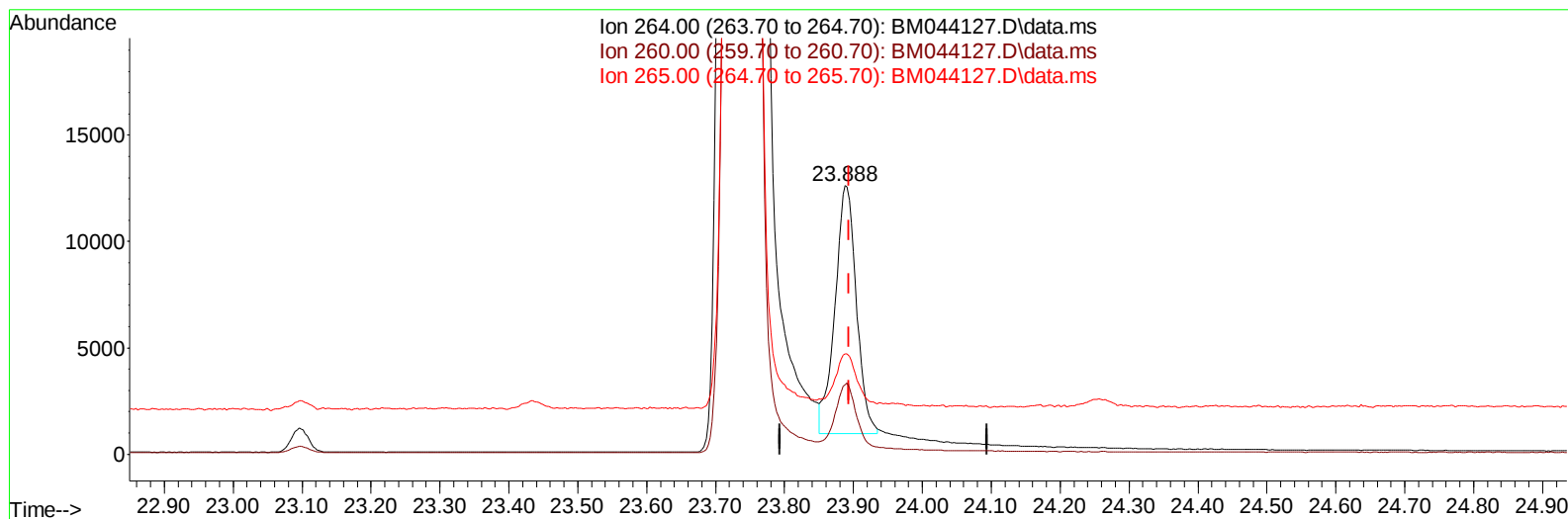
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 02/19/2024



TIC: BM044127.D\data.ms

(23) Perylene-d12 (I)

23.888min (-0.006) 0.40 ng/ul m

response 25115

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.00	25.91
265.00	45.40	37.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044127.D
 Acq On : 16 Feb 2024 07:53
 Operator : MA/JU
 Sample : P1305-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 08:23:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.901	152		11332	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136		38410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164		20604	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188		42655m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240		26366m	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264		25115m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.352	96		87214	5.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152		19393	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.326	212		36169m	0.460	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.749	128		2977	0.026	ng/ul#	88
7) 2-Methylnaphthalene	12.365	142		3789	0.054	ng/ul	99
8) 1-Methylnaphthalene	12.585	142		1513	0.021	ng/ul	100
14) Pentachlorophenol	16.942	266		400	0.026	ng/ul	93
15) Phenanthrene	17.339	178		9433	0.070	ng/ul	98
22) Chrysene	21.532	228		3503m	0.027	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044127.D
Acq On : 16 Feb 2024 07:53
Operator : MA/JU
Sample : P1305-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FP3

Manual IntegrationsAPPROVED

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