

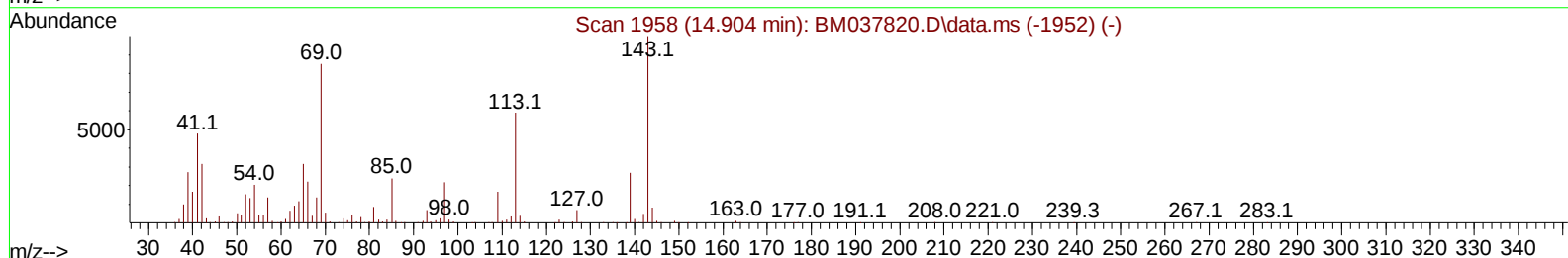
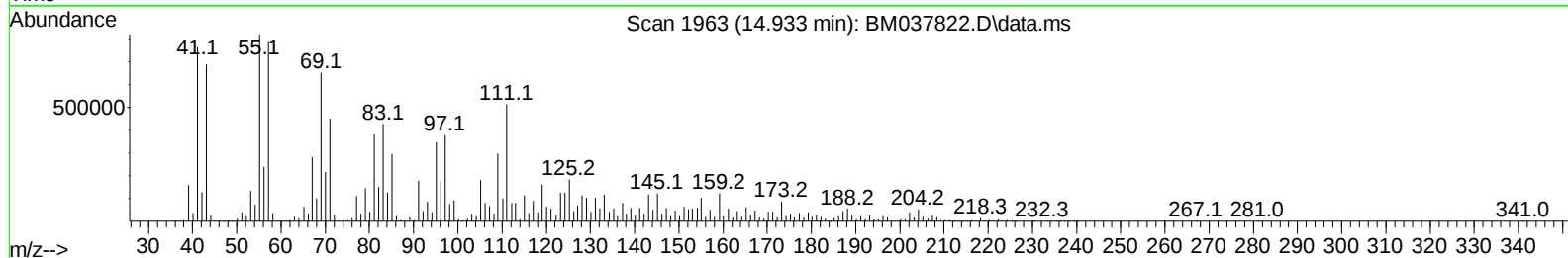
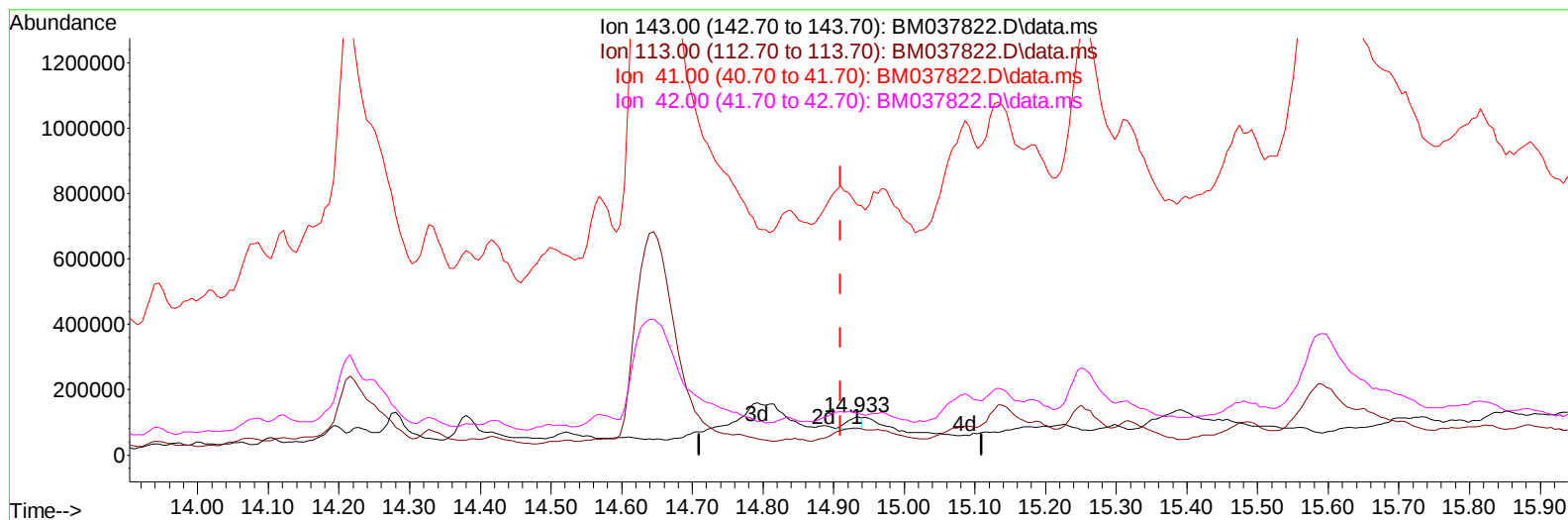
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.933min (+ 0.023) 6.90 ng/u1

response 50644

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	56.60	69.35#
41.00	55.10	648.31#
42.00	32.10	107.90#

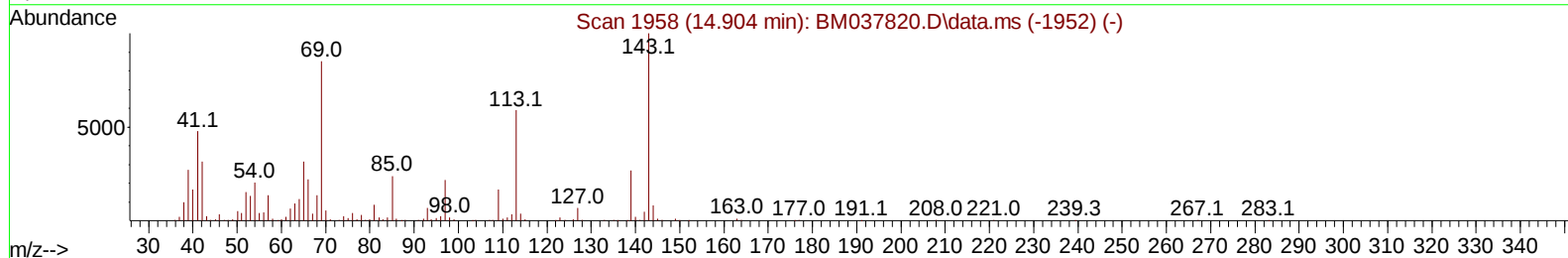
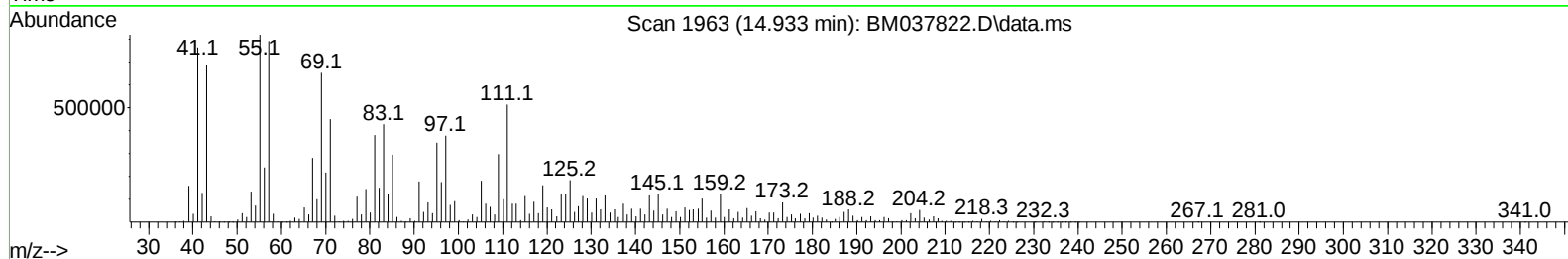
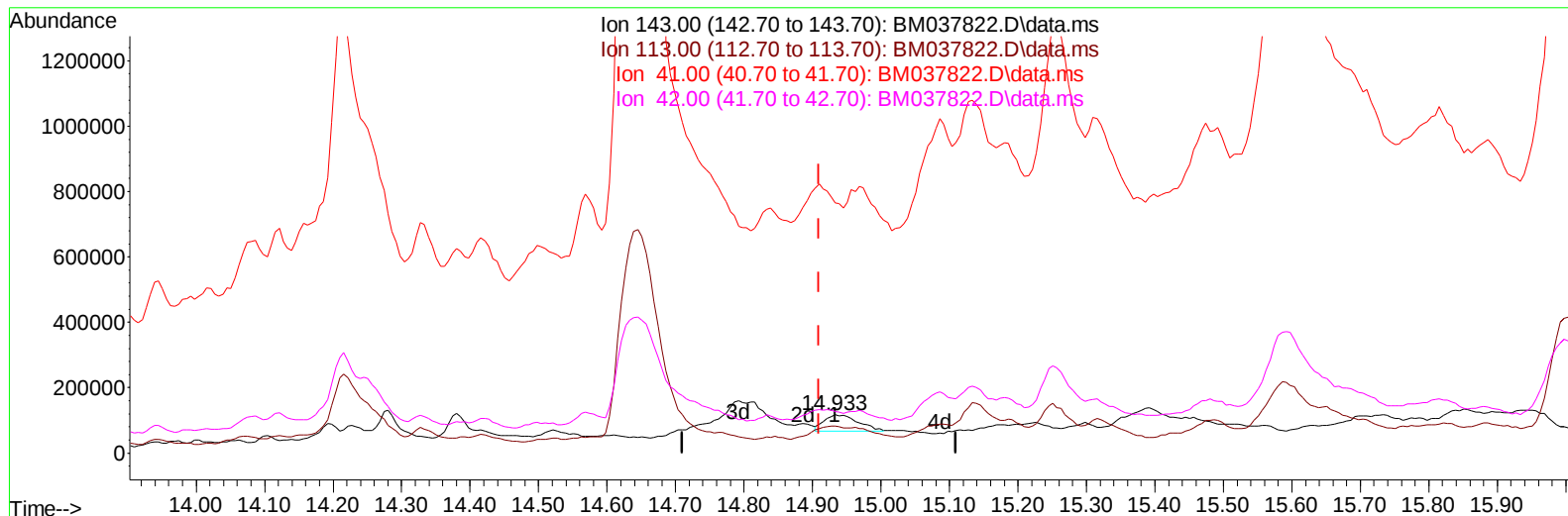
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.933min (+ 0.023) 24.20 ng/ul m

response 177695

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	56.60	69.35#
41.00	55.10	648.31#
42.00	32.10	107.90#

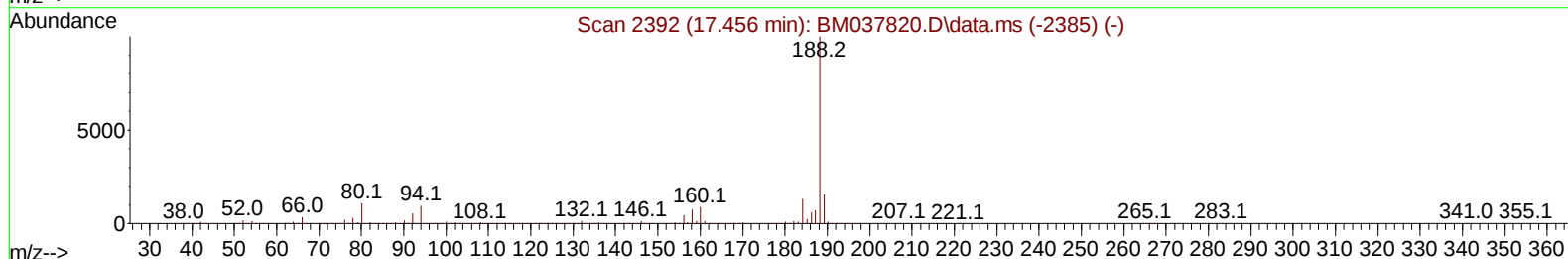
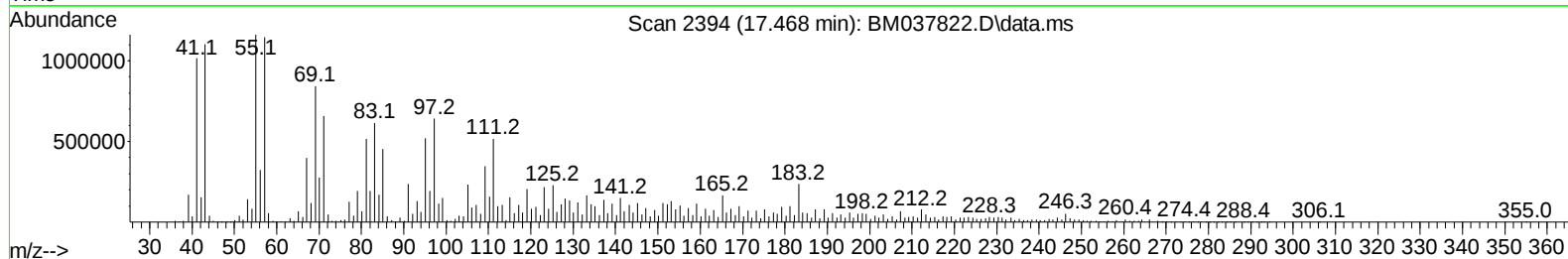
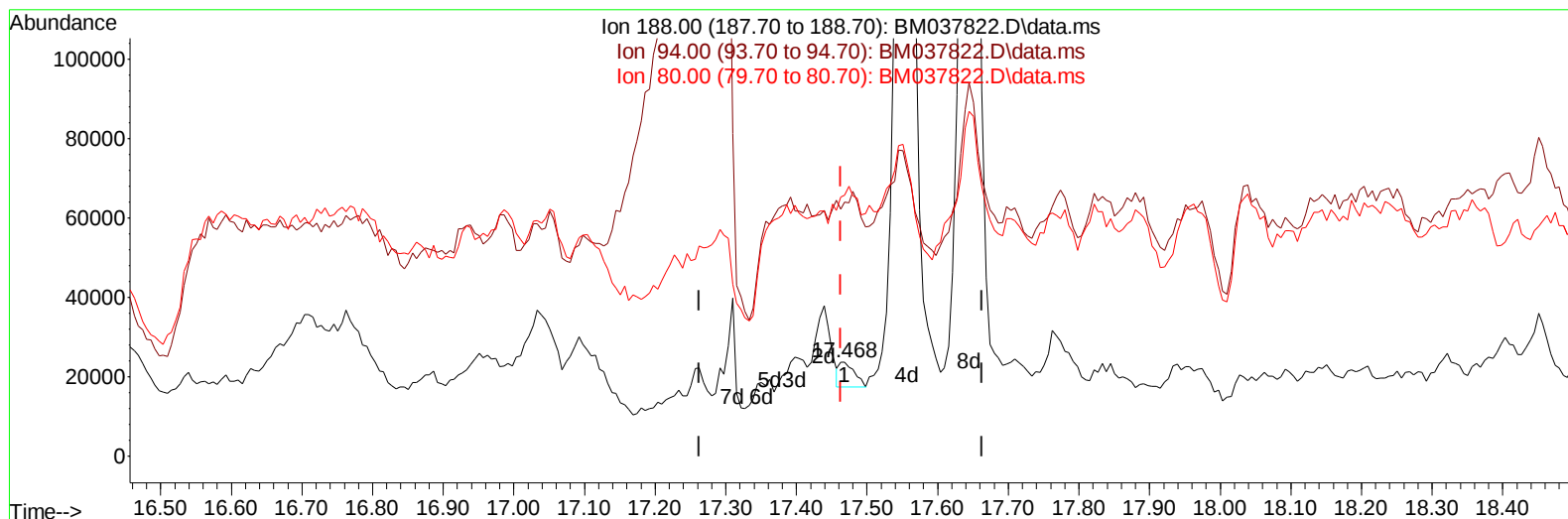
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(64) Phenanthrene-d10 (I)

17.468min (+ 0.005) 20.00 ng/u1

response 9389

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	269.77#
80.00	10.50	277.27#
0.00	0.00	0.00

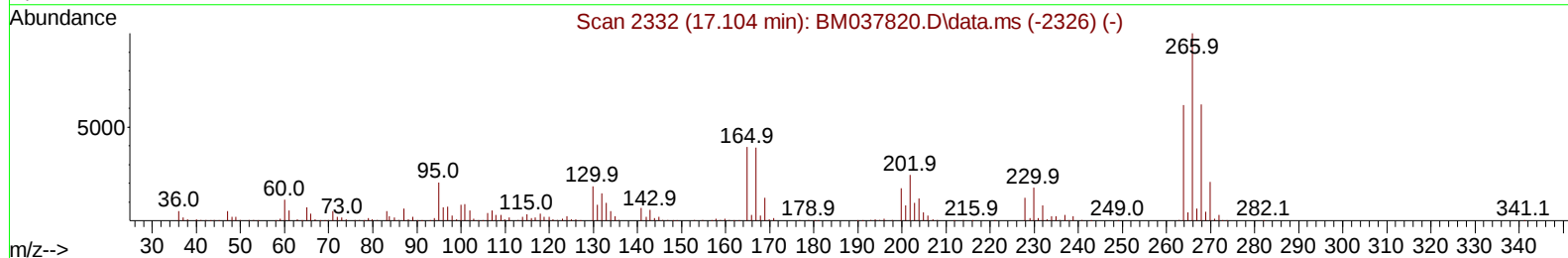
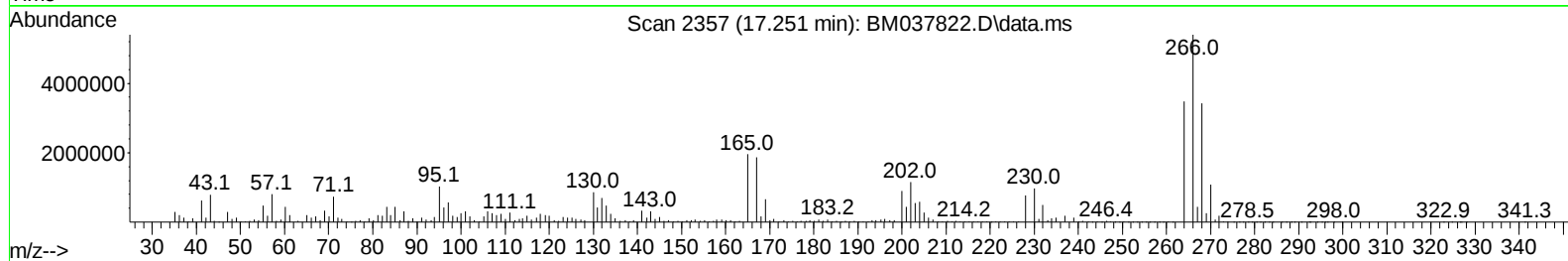
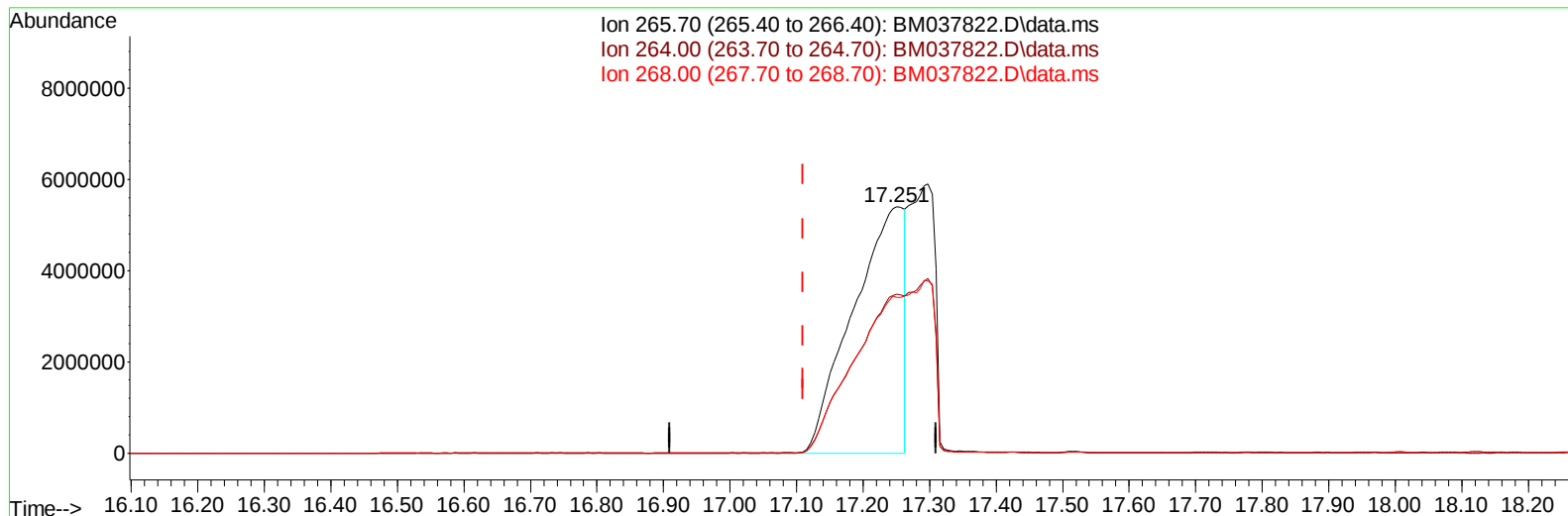
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(71) Pentachlorophenol (C)

17.251min (+ 0.141) 8884.36 ng/uI

response 28888207

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.90	64.40
268.00	65.20	63.27
0.00	0.00	0.00

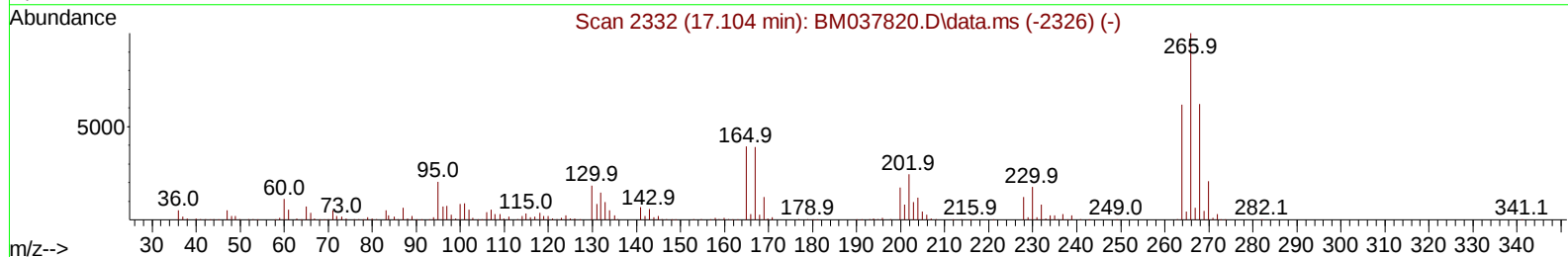
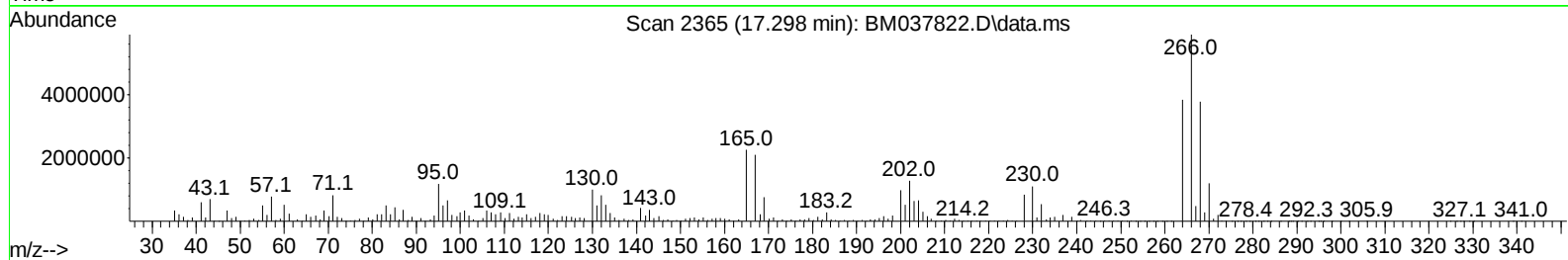
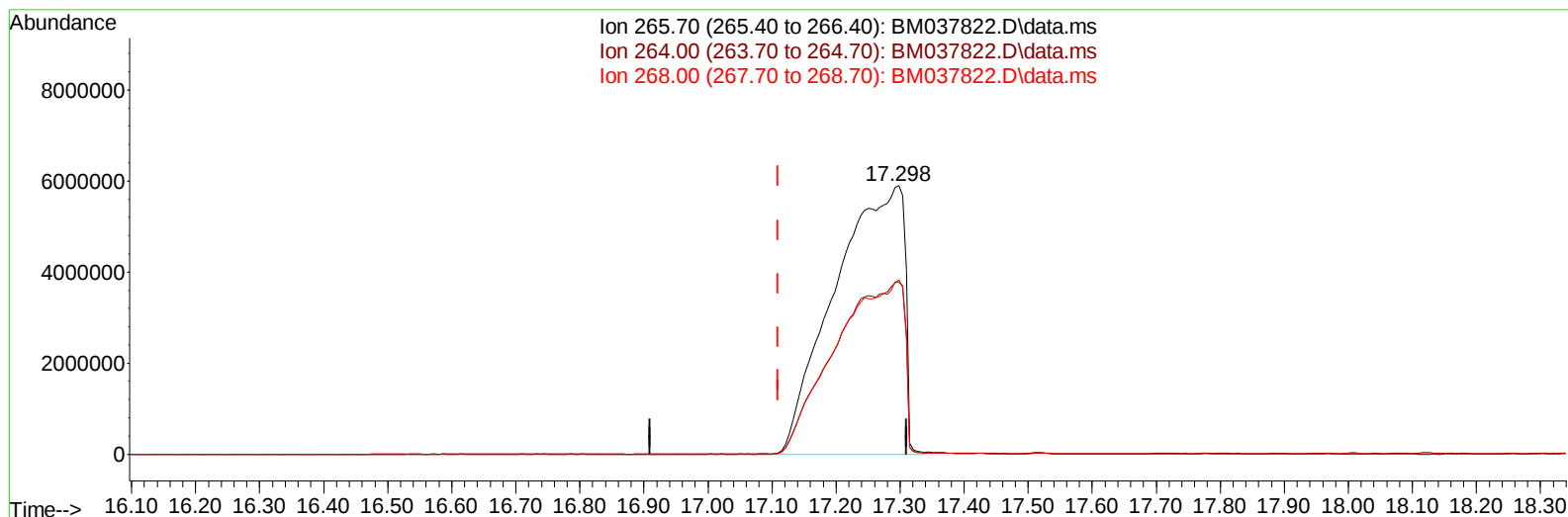
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
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 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(71) Pentachlorophenol (C)

17.298min (+ 0.188) 13666.08 ng/ul m

response 44436357

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.90	64.94
268.00	65.20	64.11
0.00	0.00	0.00

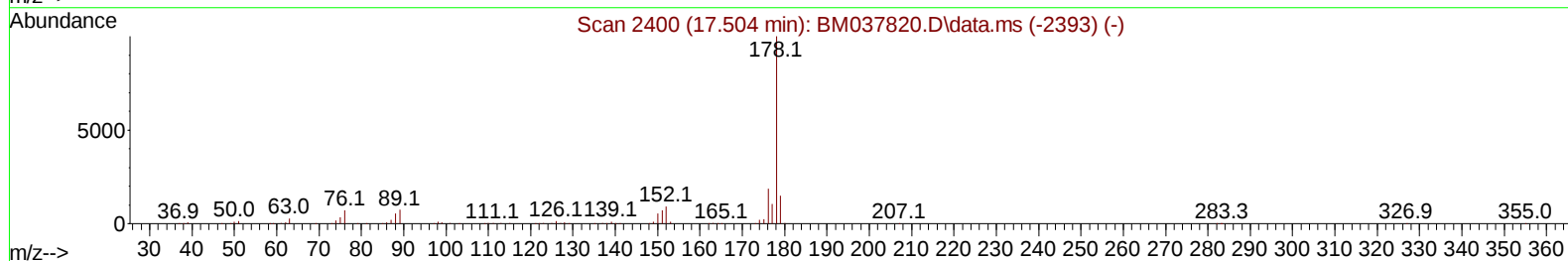
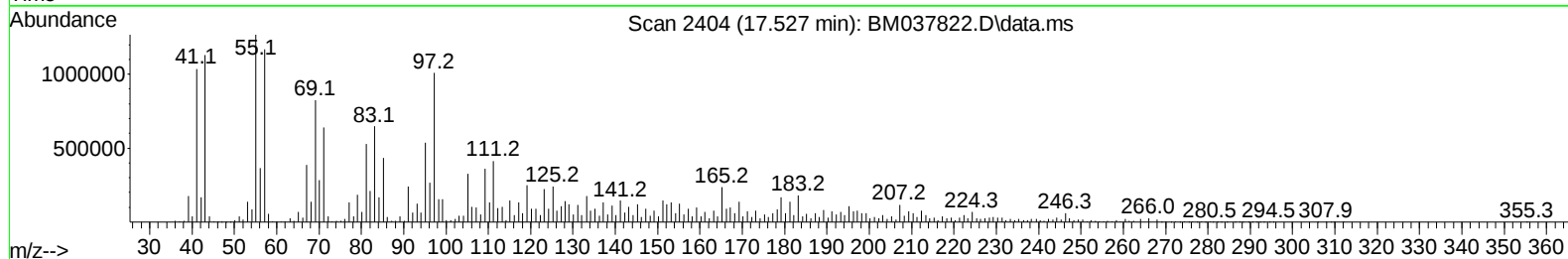
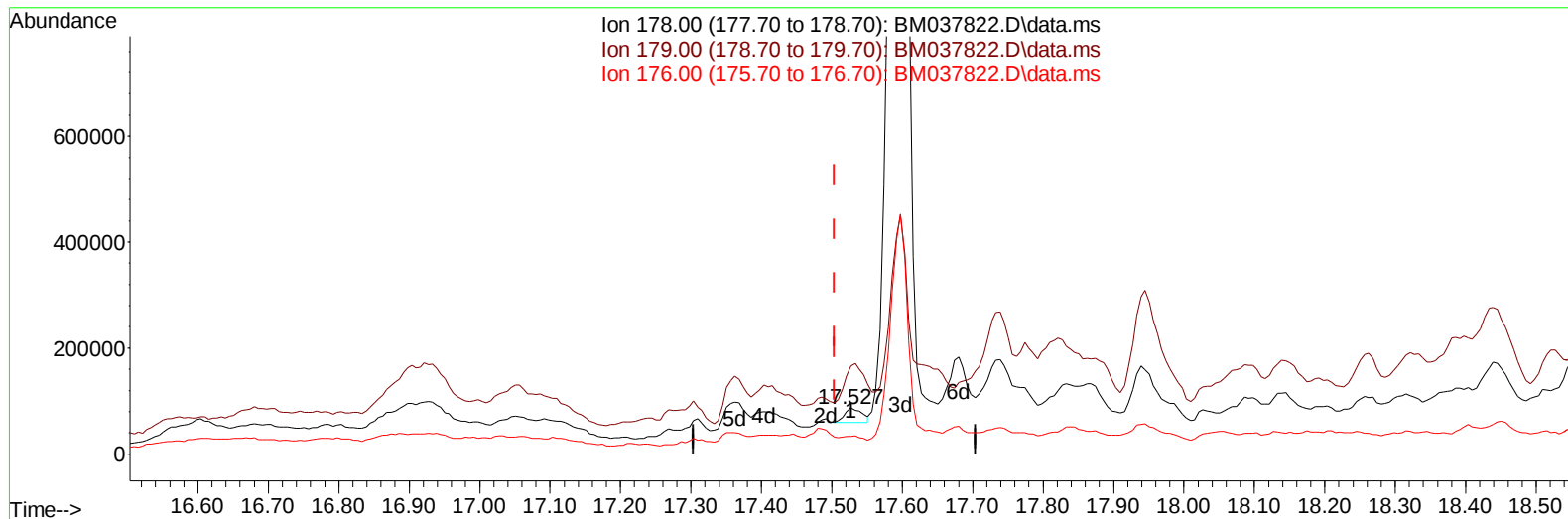
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(72) Phenanthrene

17.527min (+ 0.023) 1.96 ng/u1

response 46862

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	191.10#
176.00	19.10	38.89#
0.00	0.00	0.00

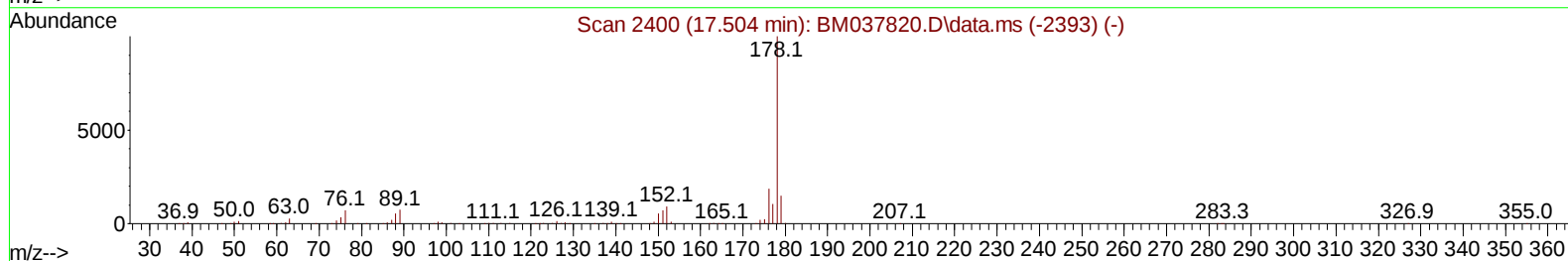
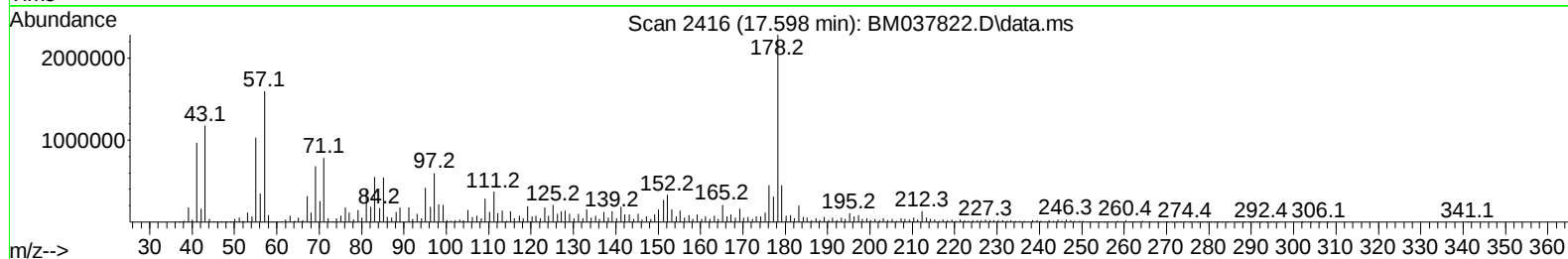
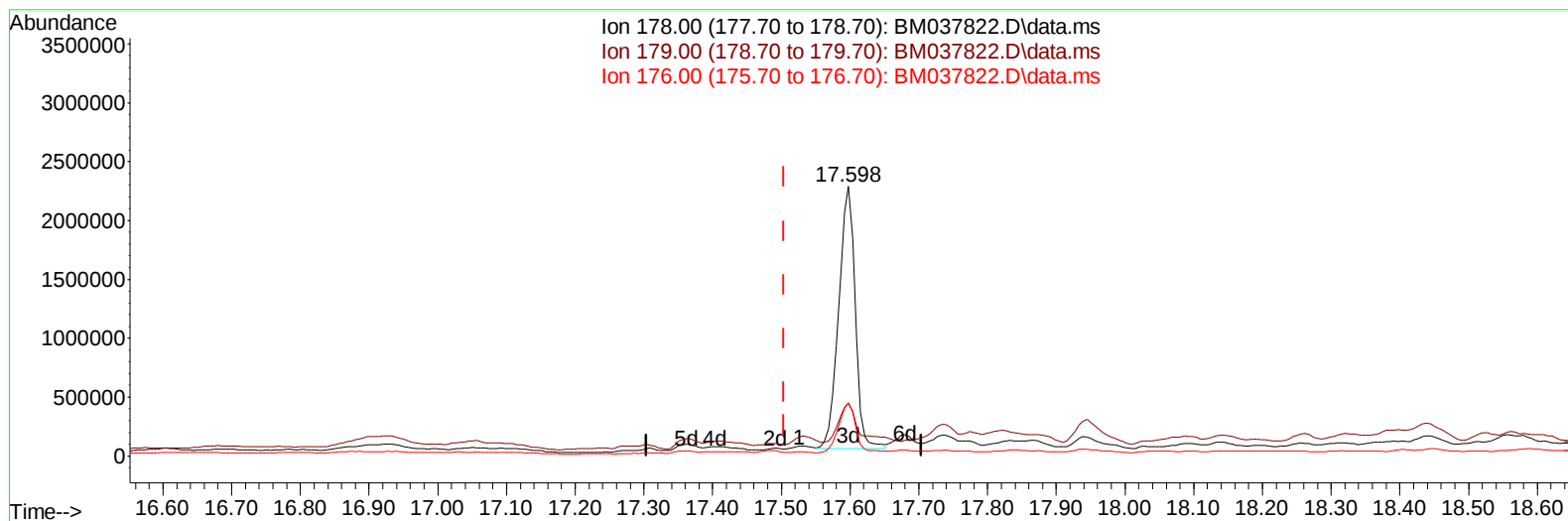
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(72) Phenanthrene

17.598min (+ 0.094) 156.10 ng/u1 m

response 3732399

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	19.75#
176.00	19.10	19.79
0.00	0.00	0.00

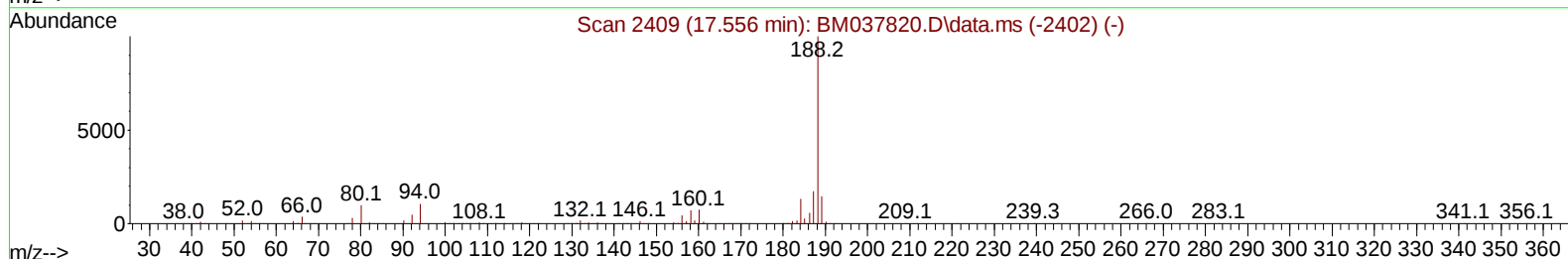
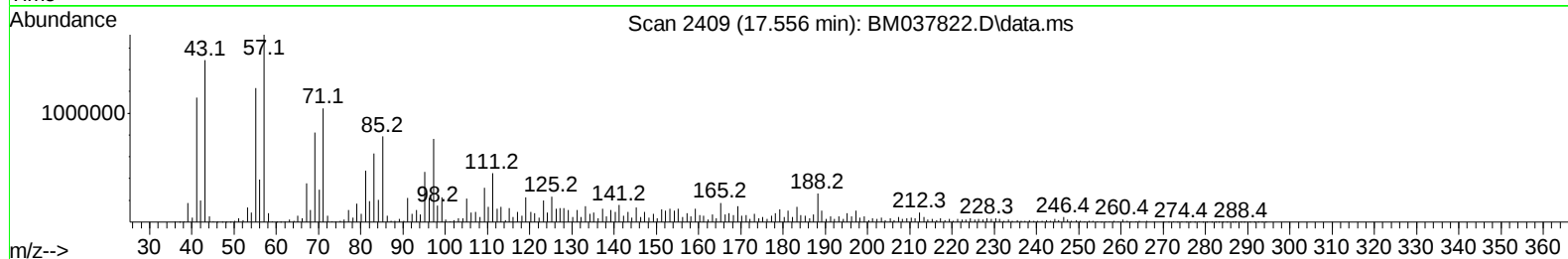
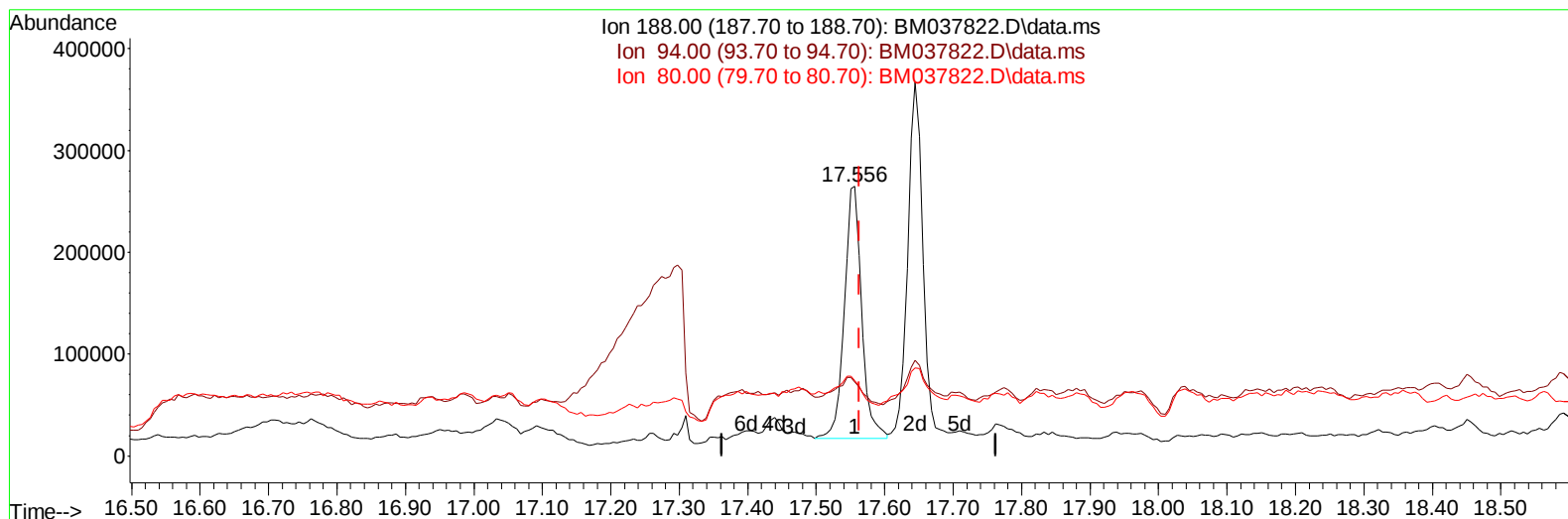
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(73) Anthracene-d10 (S)

17.556min (-0.006) 21.38 ng/u1

response 433853

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.80	27.38#
80.00	10.20	28.00#
0.00	0.00	0.00

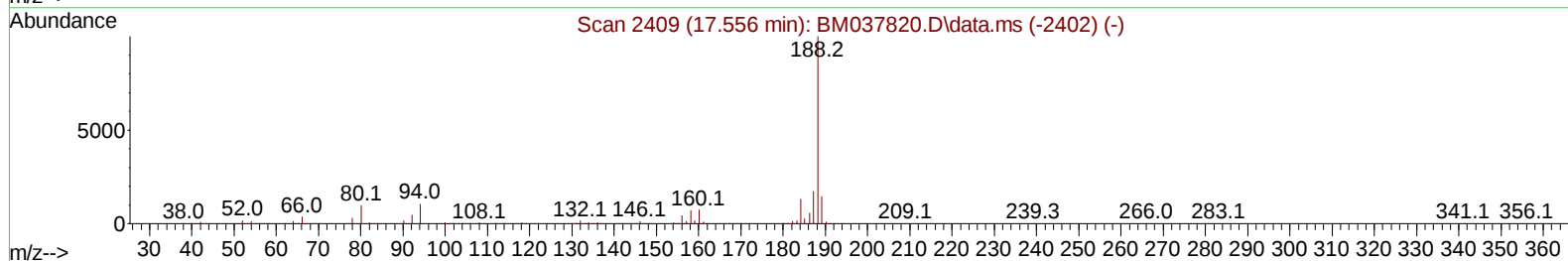
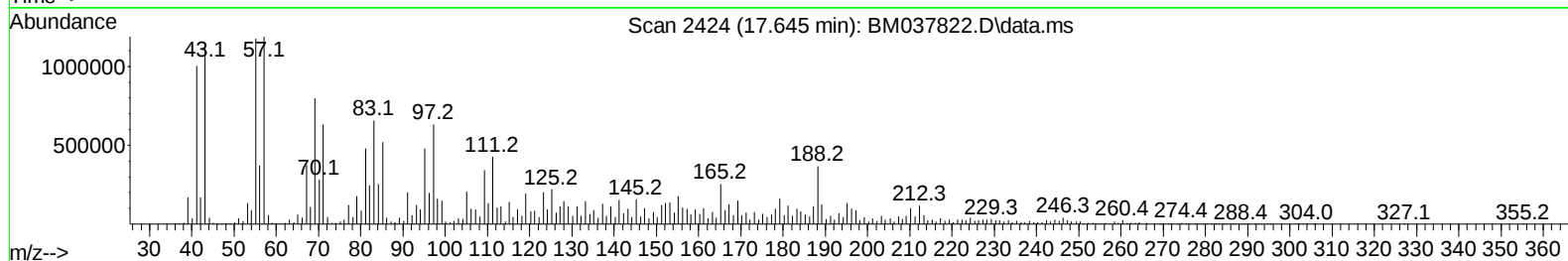
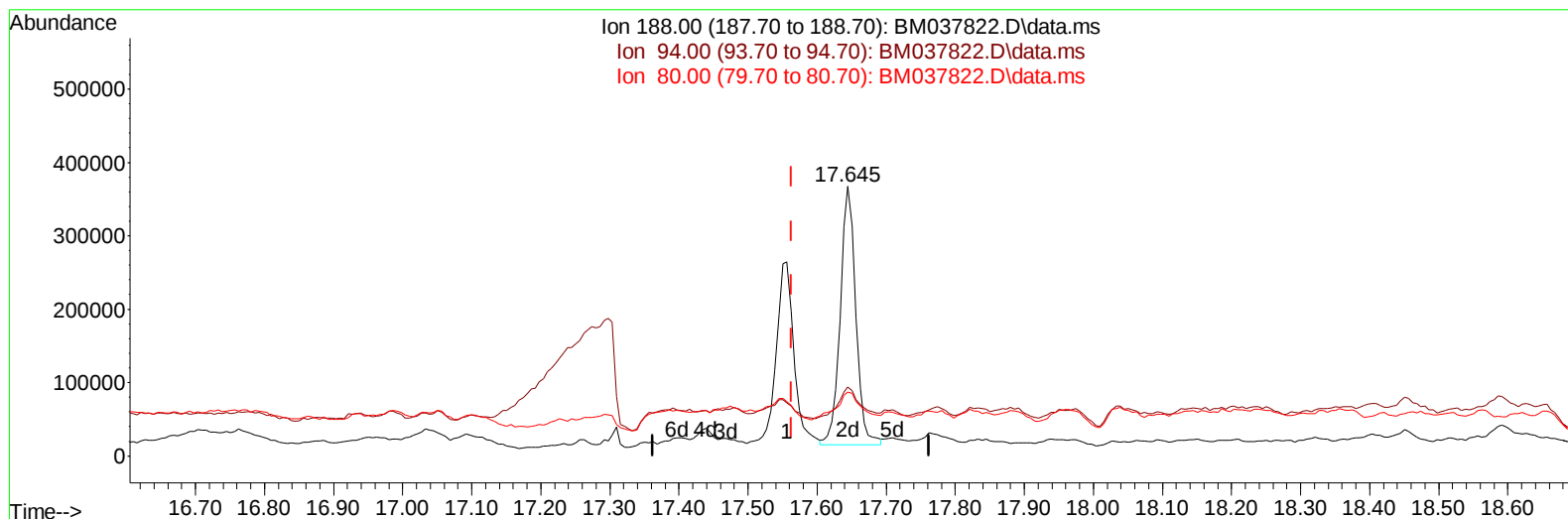
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(73) Anthracene-d10 (S)

17.645min (+ 0.082) 27.28 ng/ul m

response 553534

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.80	25.61#
80.00	10.20	23.62#
0.00	0.00	0.00

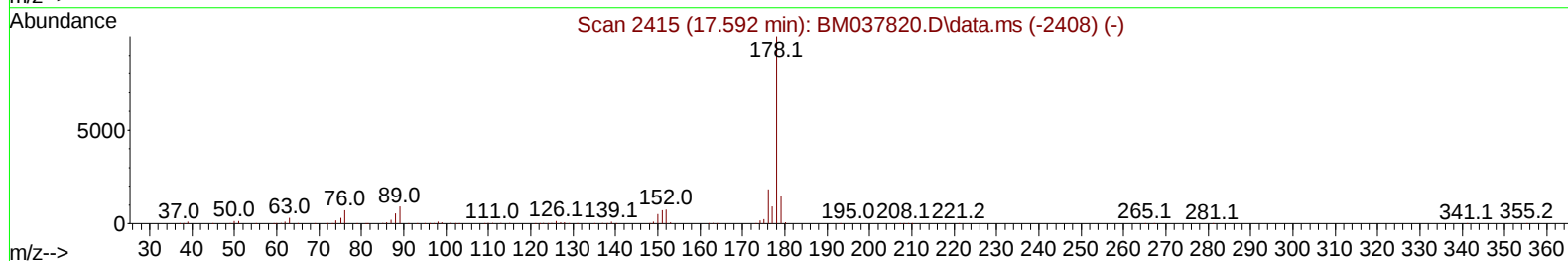
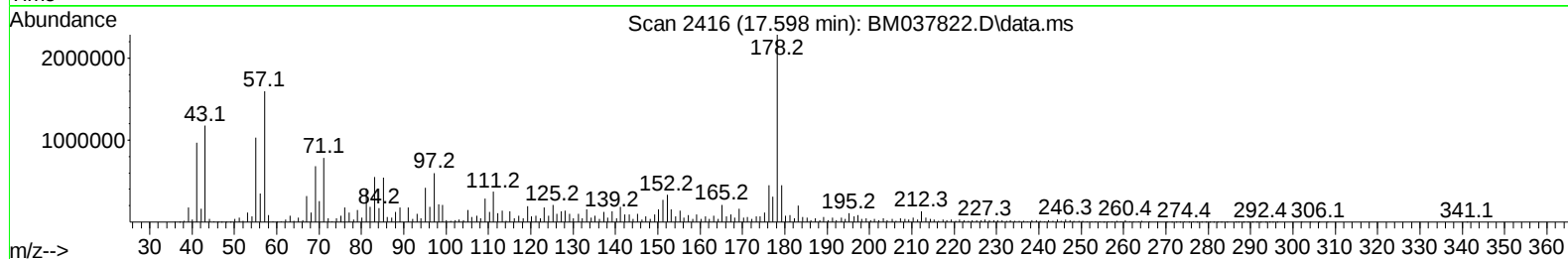
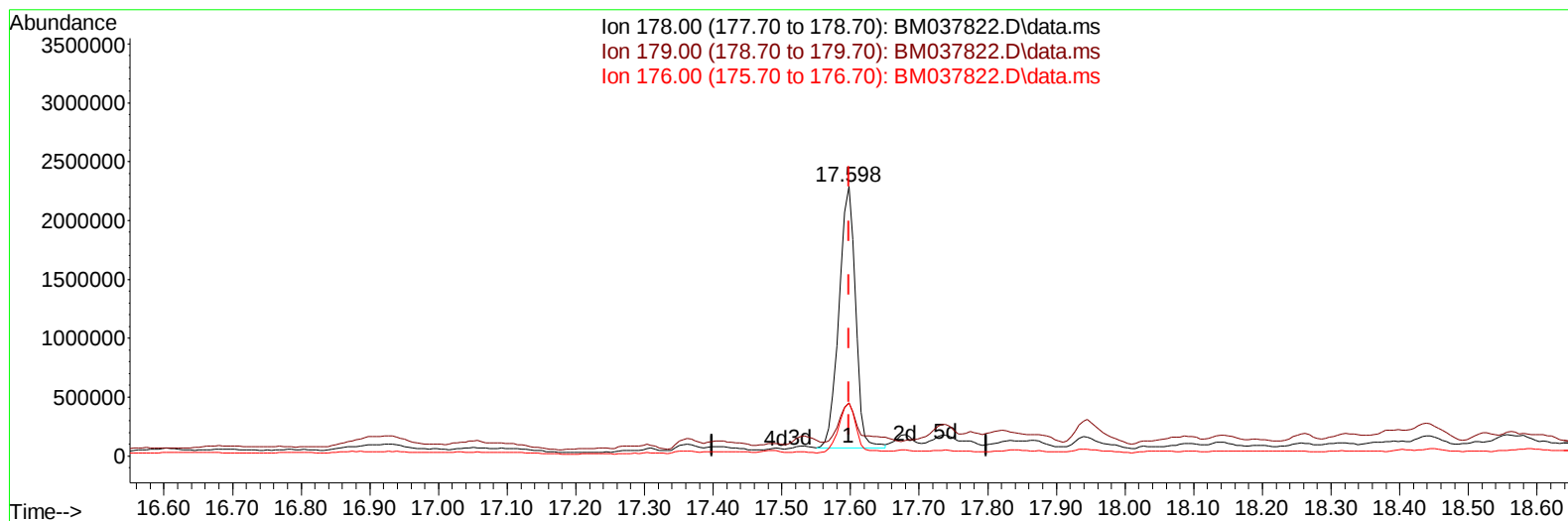
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
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Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(74) Anthracene

17.598min (-0.000) 151.29 ng/u1

response 3690141

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	19.75#
176.00	18.50	19.79
0.00	0.00	0.00

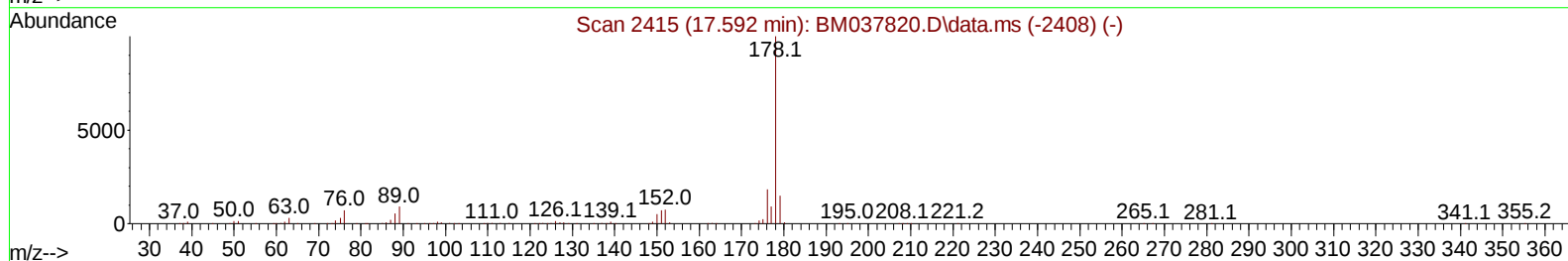
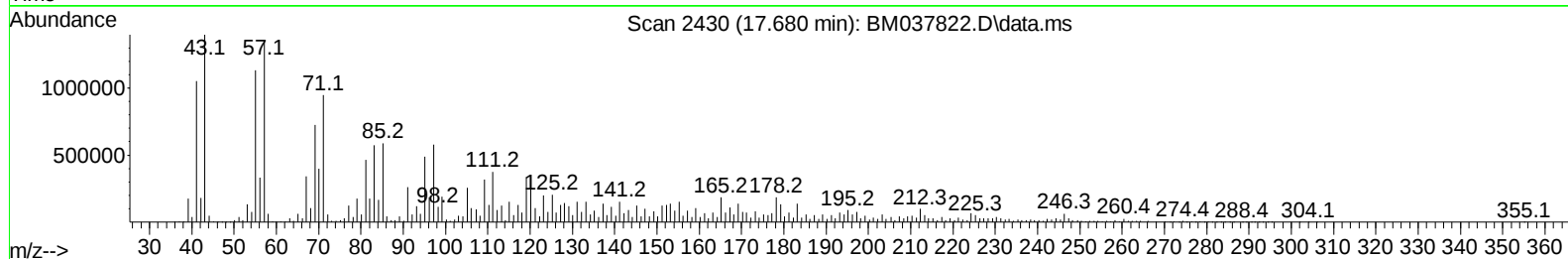
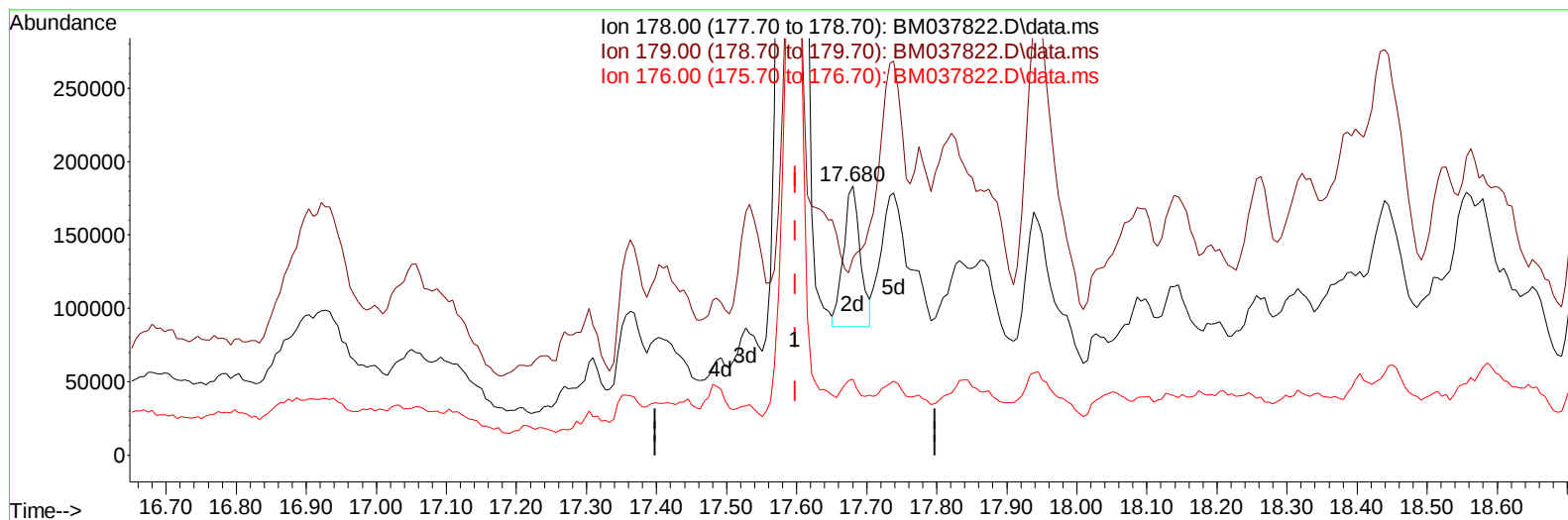
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
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 QLast Update : Fri Dec 02 01:14:59 2022
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Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(74) Anthracene

17.680min (+ 0.082) 6.55 ng/u1 m

response 159713

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	73.42#
176.00	18.50	28.26#
0.00	0.00	0.00

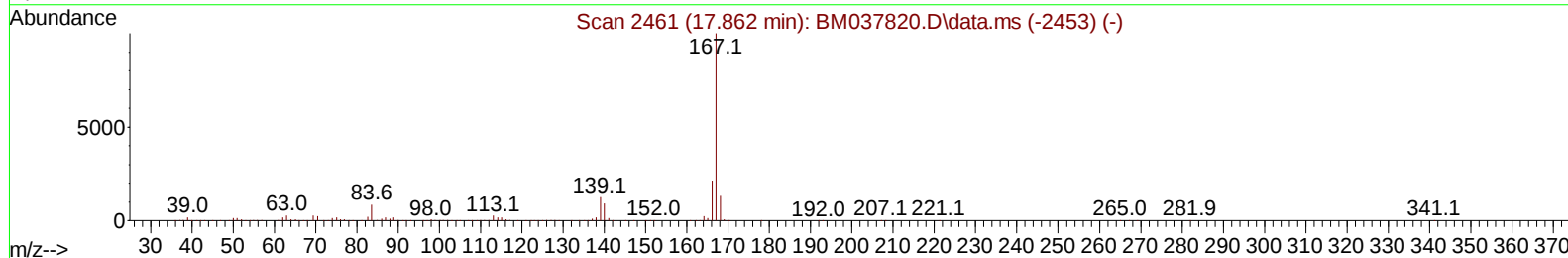
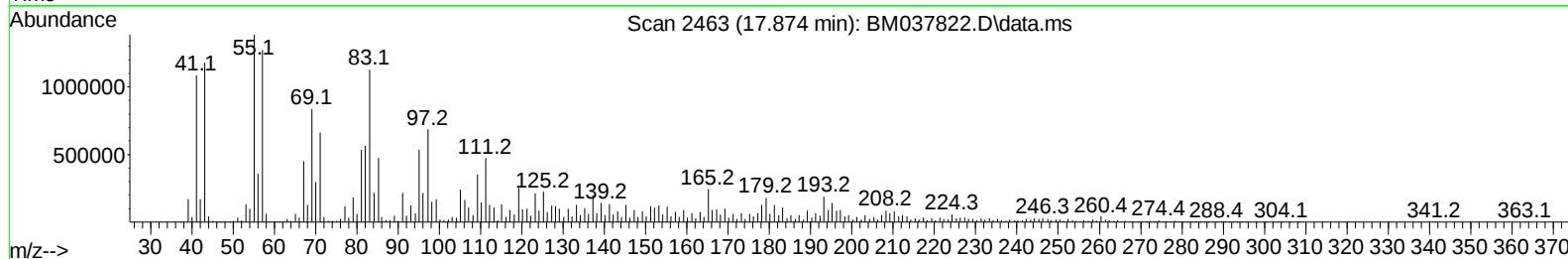
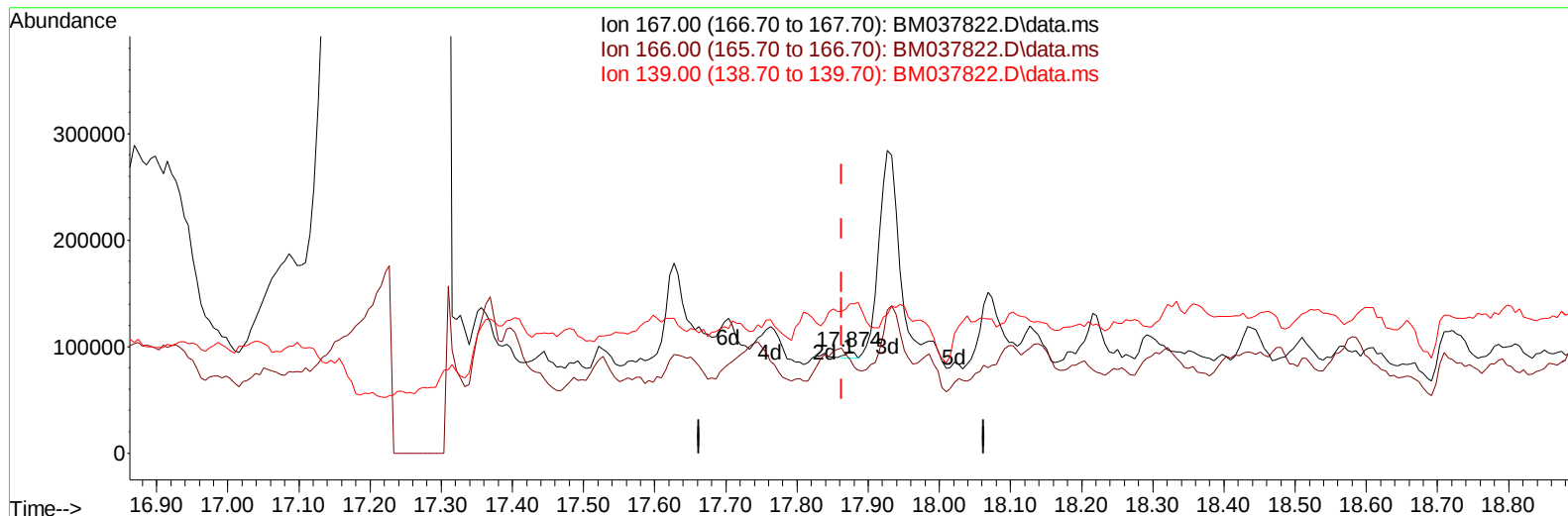
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(77) Carbazole

17.874min (+ 0.011) 0.24 ng/u1

response 5447

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	21.50	92.69#
139.00	12.50	146.45#
0.00	0.00	0.00

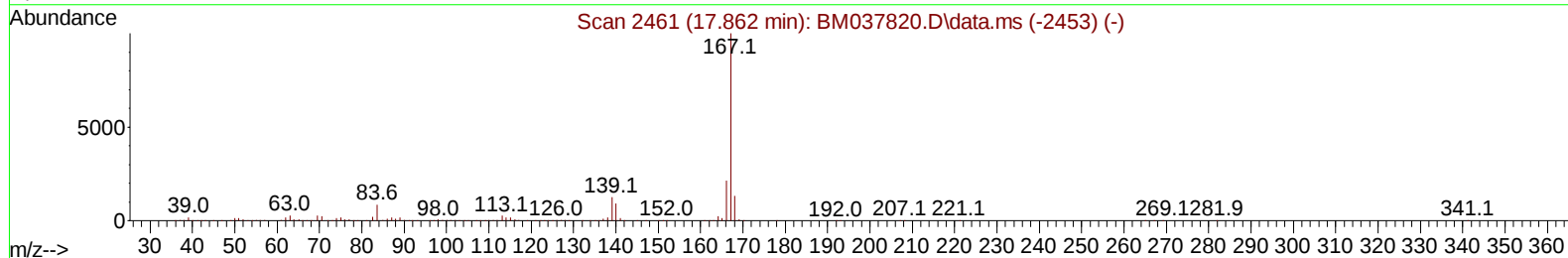
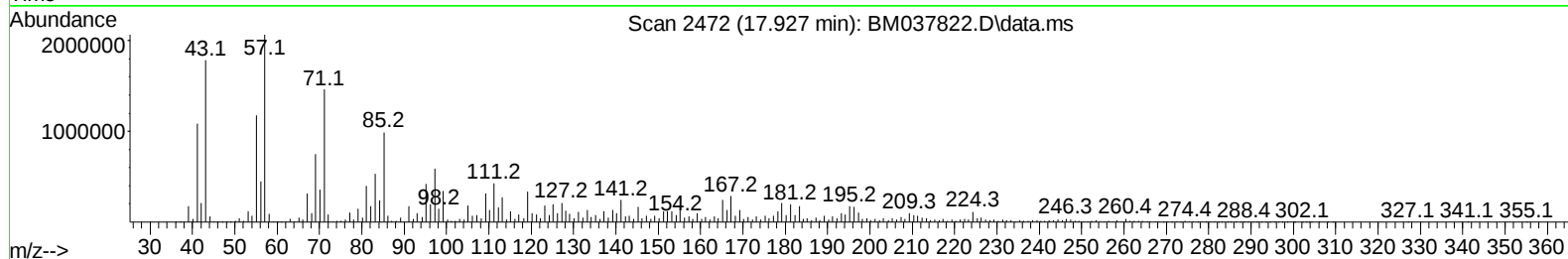
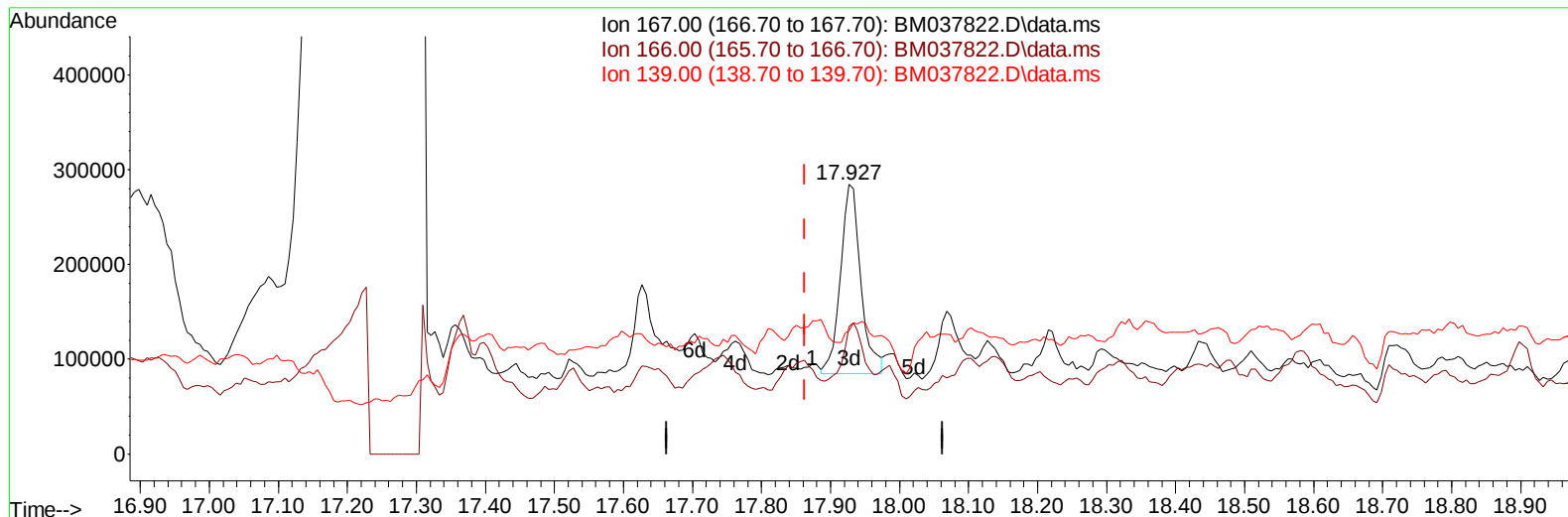
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(77) Carbazole

17.927min (+ 0.064) 18.24 ng/ul m

response 409448

Ion	Exp%	Act%
167.00	100.00	100.00
166.00	21.50	47.22#
139.00	12.50	45.70#
0.00	0.00	0.00

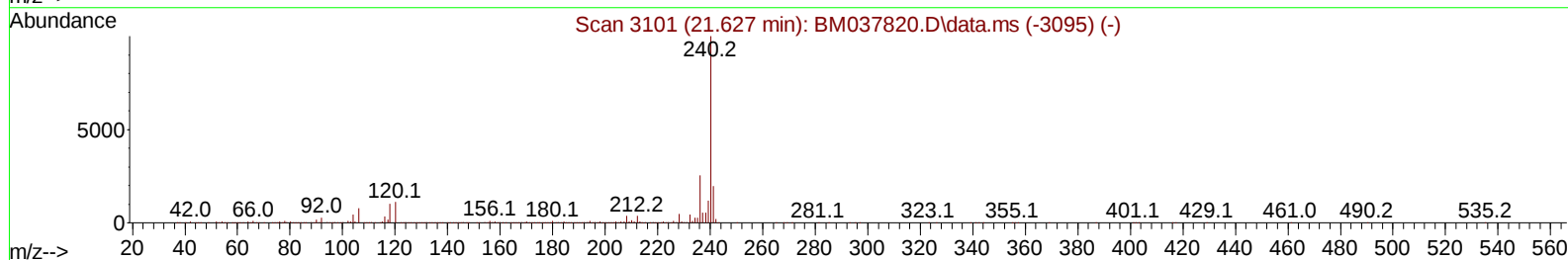
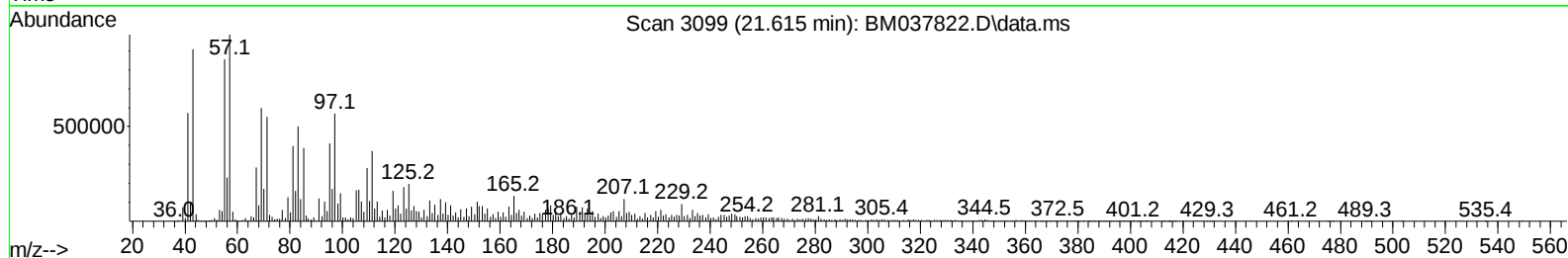
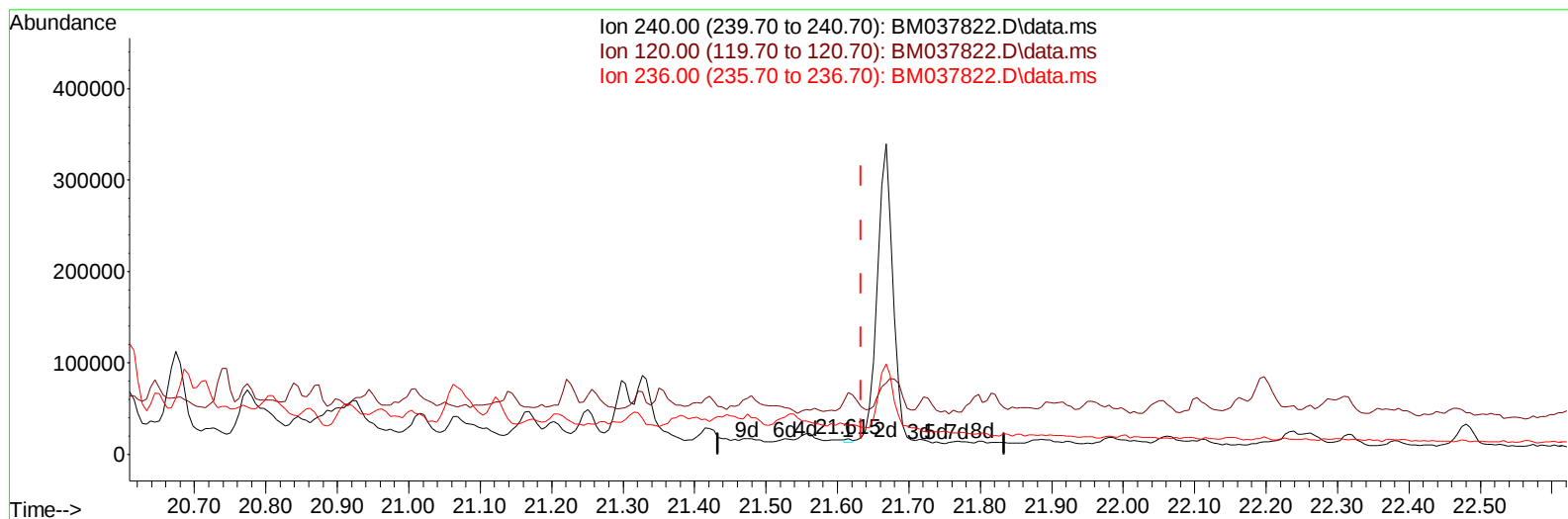
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(79) Chrysene-d12 (I)

21.615min (-0.018) 20.00 ng/u1

response 1779

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.10	403.69#
236.00	25.60	187.64#
0.00	0.00	0.00

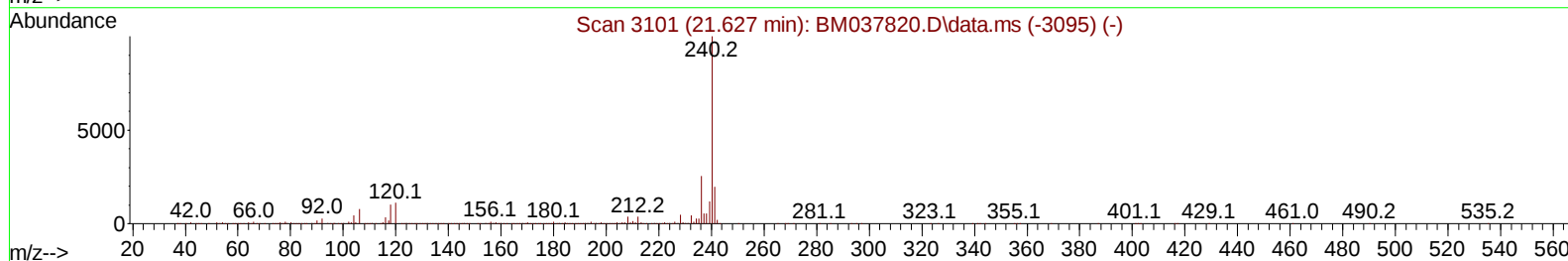
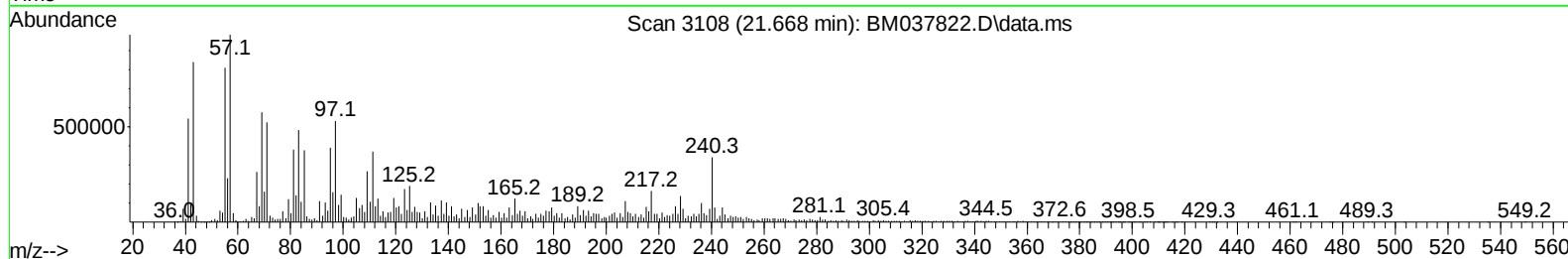
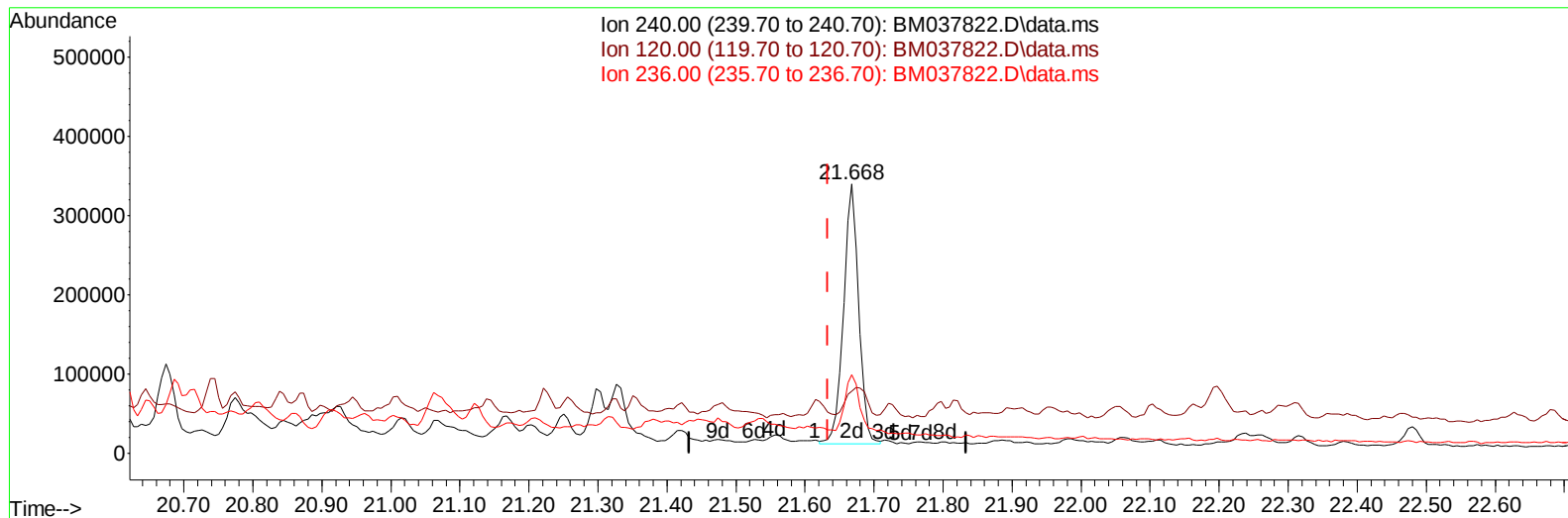
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(79) Chrysene-d12 (I)

21.668min (+ 0.035) 20.00 ng/ul m

response 499831

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.10	22.99#
236.00	25.60	29.13
0.00	0.00	0.00

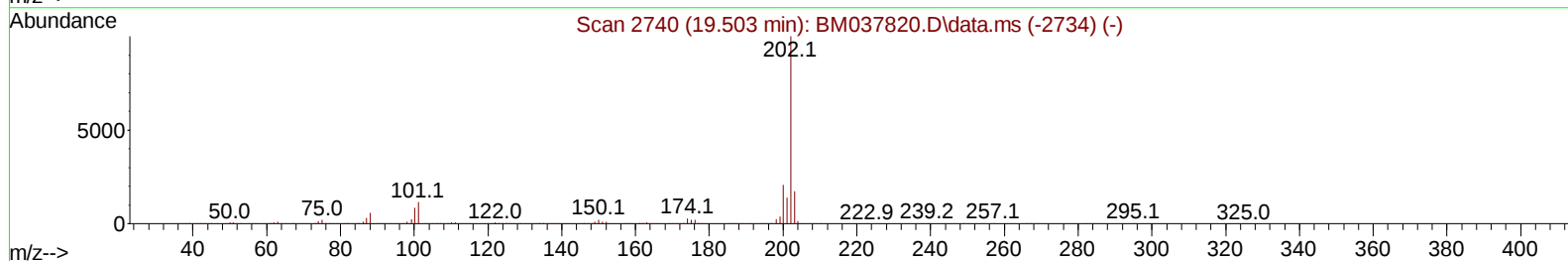
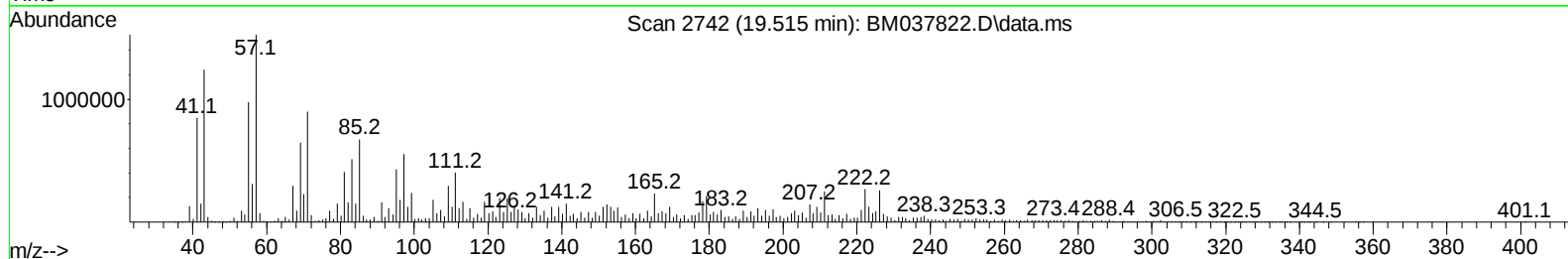
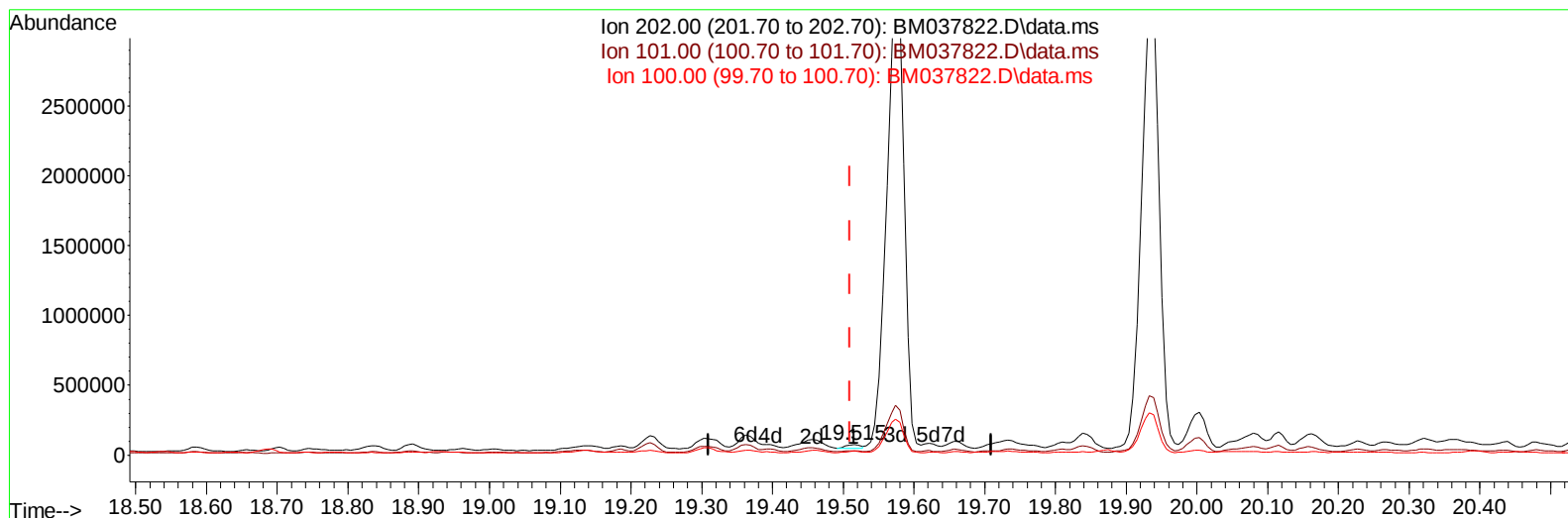
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(80) Fluoranthene

19.515min (+ 0.005) 1.18 ng/u1

response 37198

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	41.18#
100.00	9.60	38.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

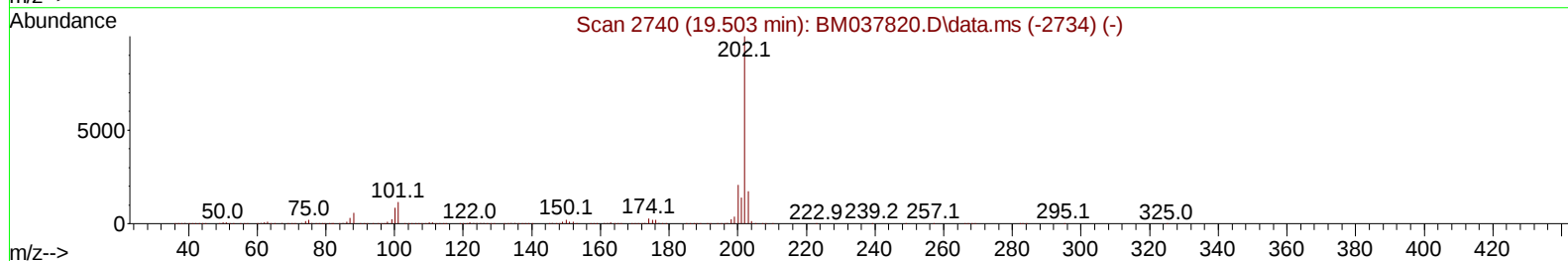
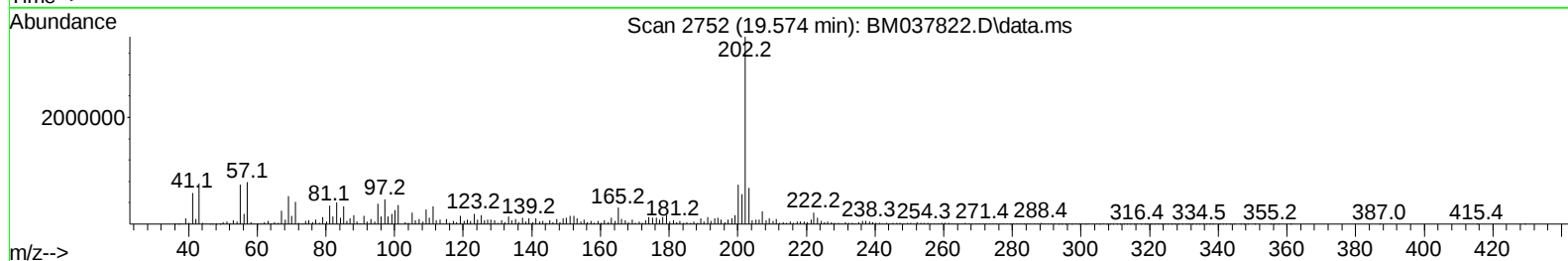
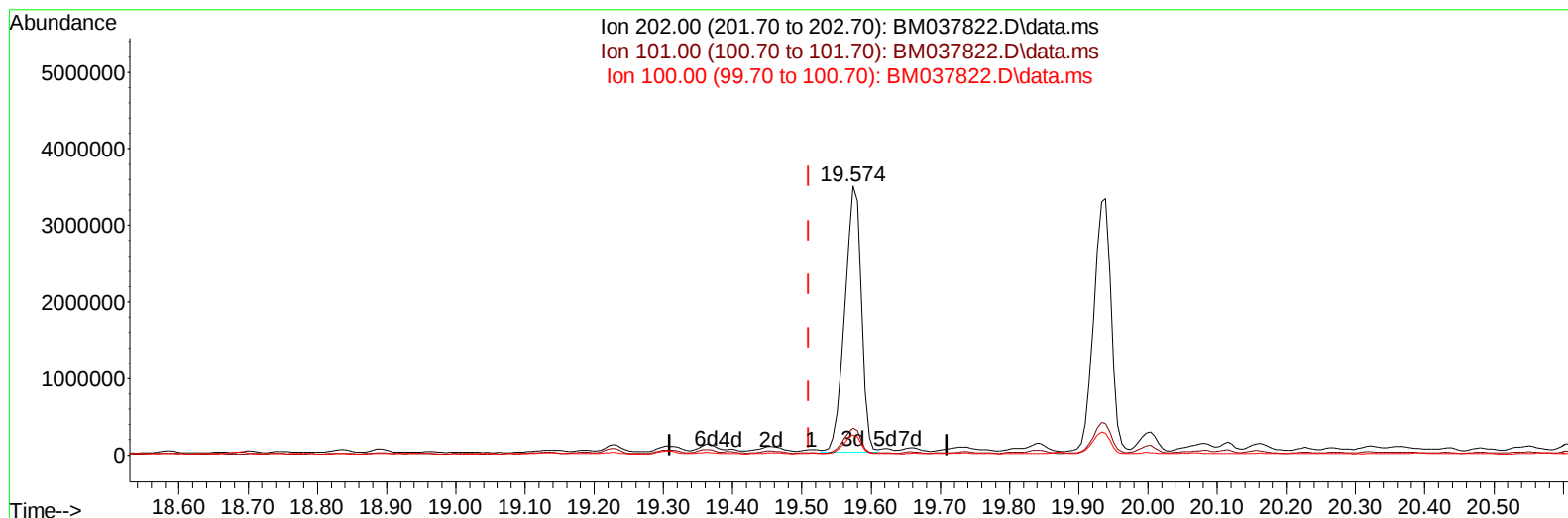
ClientSampleId :

GBNH8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration



TIC: BM037822.D\data.ms

(80) Fluoranthene

19.574min (+ 0.064) 183.11 ng/u1 m

response 5790636

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	12.10	10.11
100.00	9.60	7.37#
0.00	0.00	0.00

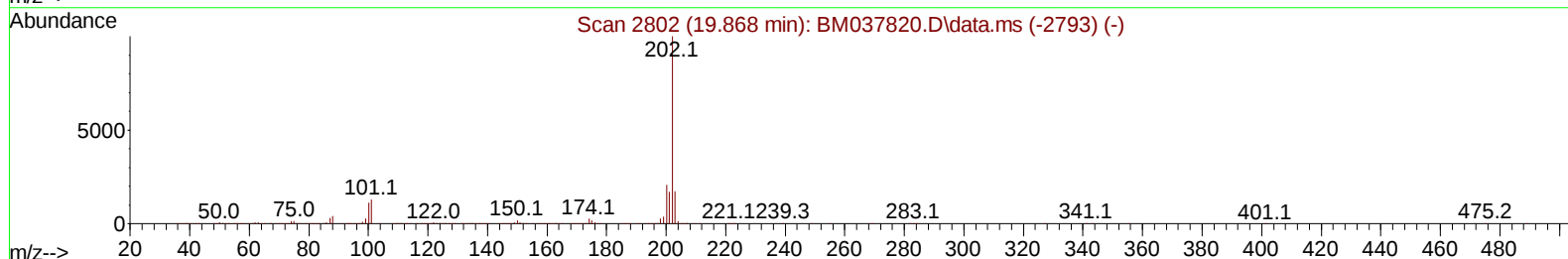
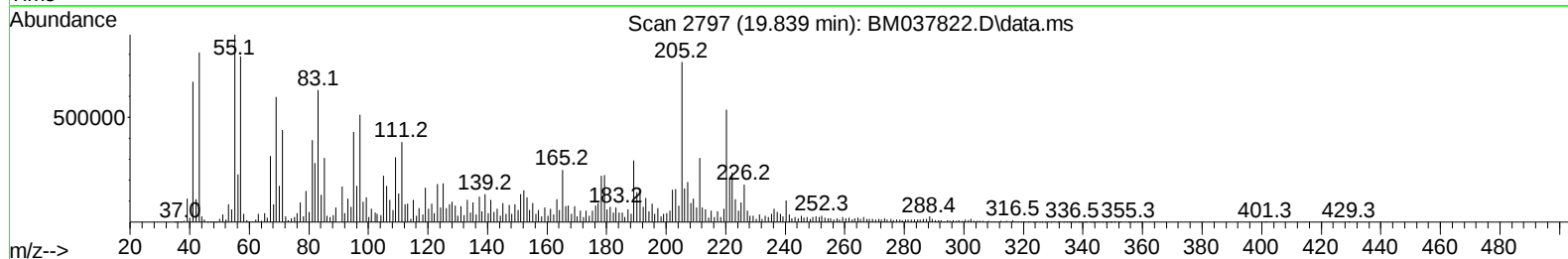
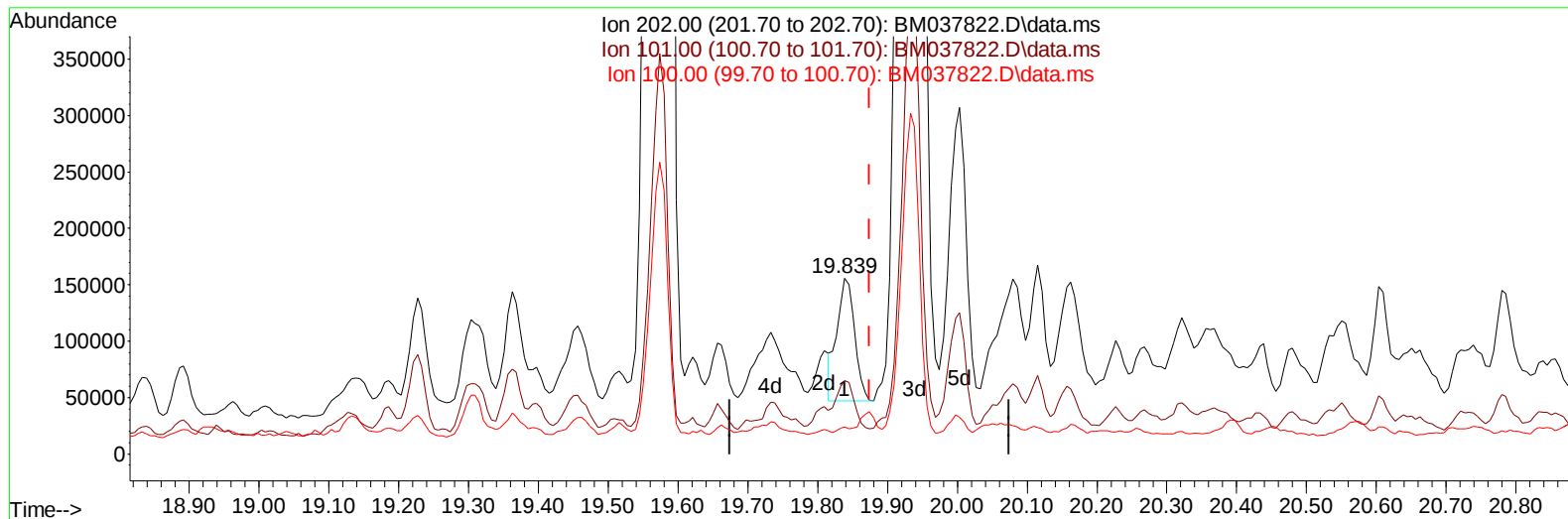
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(82) Pyrene

19.839min (-0.036) 5.86 ng/u1

response 191418

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	41.74#
100.00	11.30	15.40#
0.00	0.00	0.00

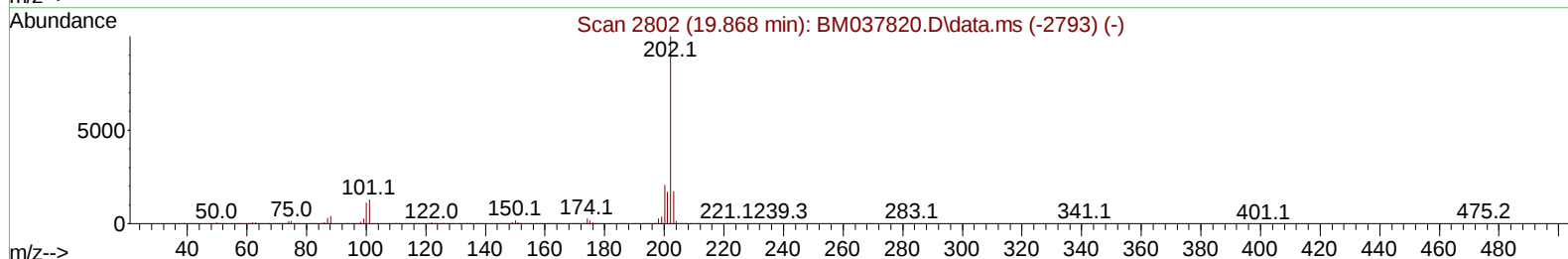
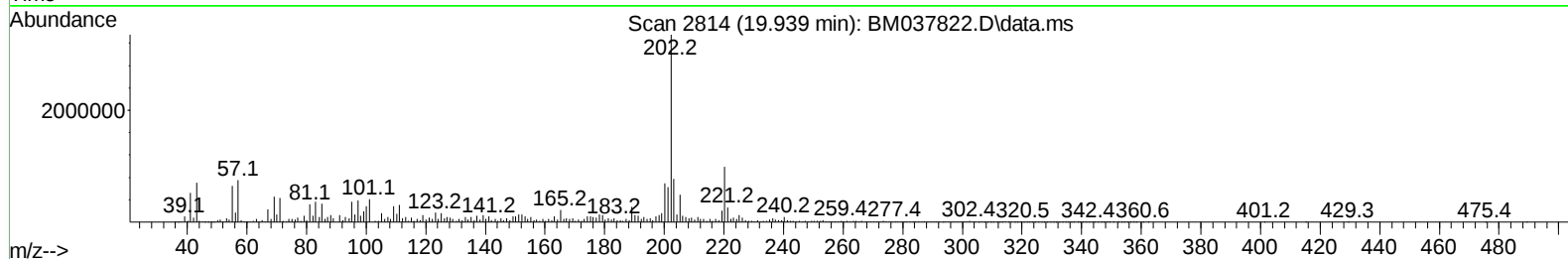
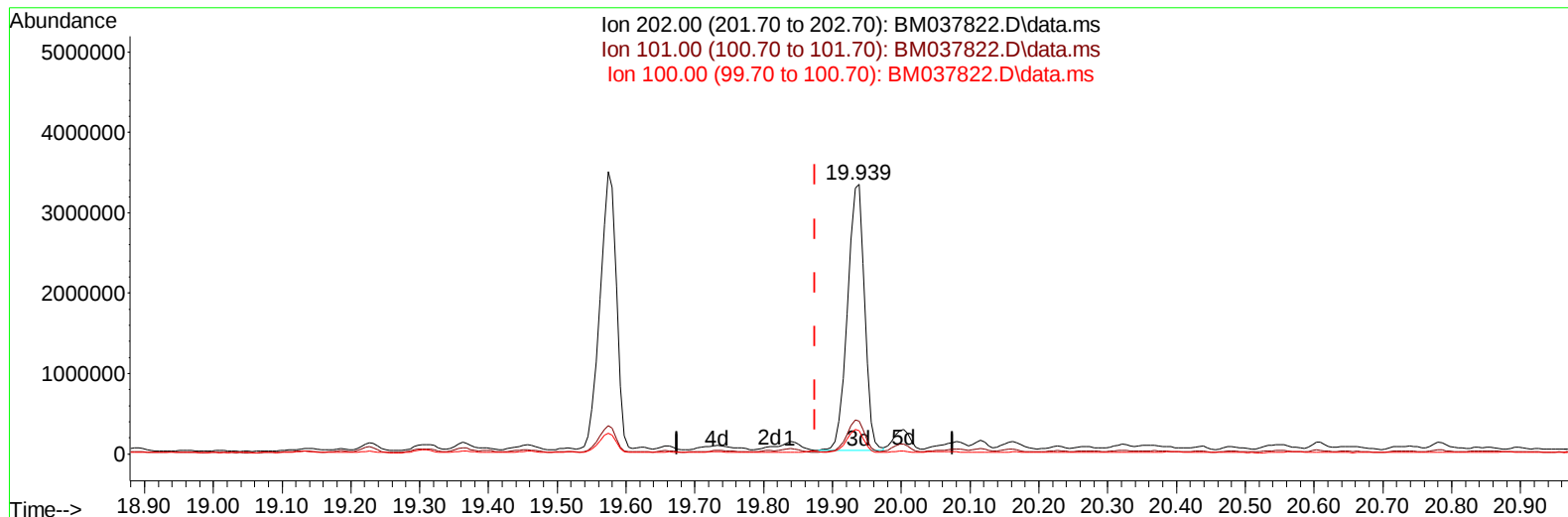
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(82) Pyrene

19.939min (+ 0.064) 175.75 ng/u1 m

response 5738733

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	12.29
100.00	11.30	8.64#
0.00	0.00	0.00

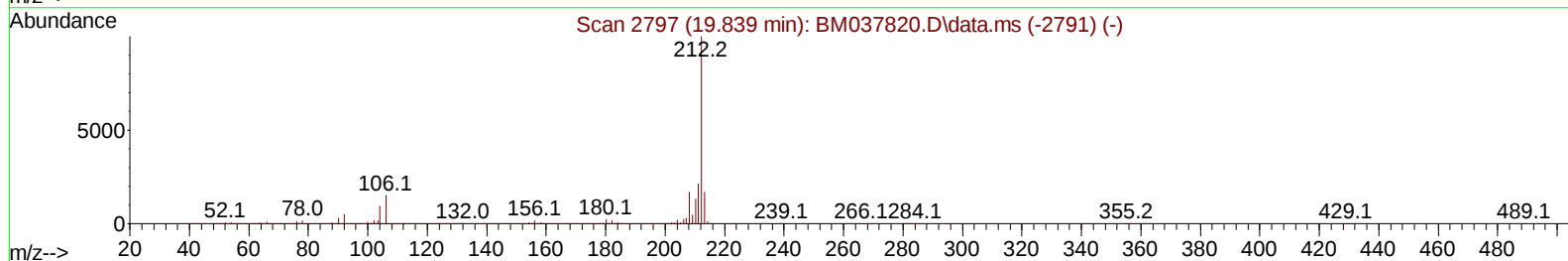
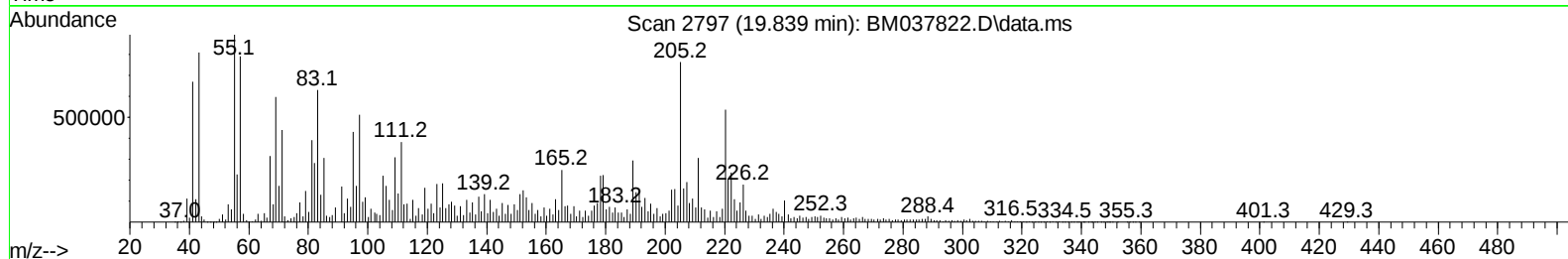
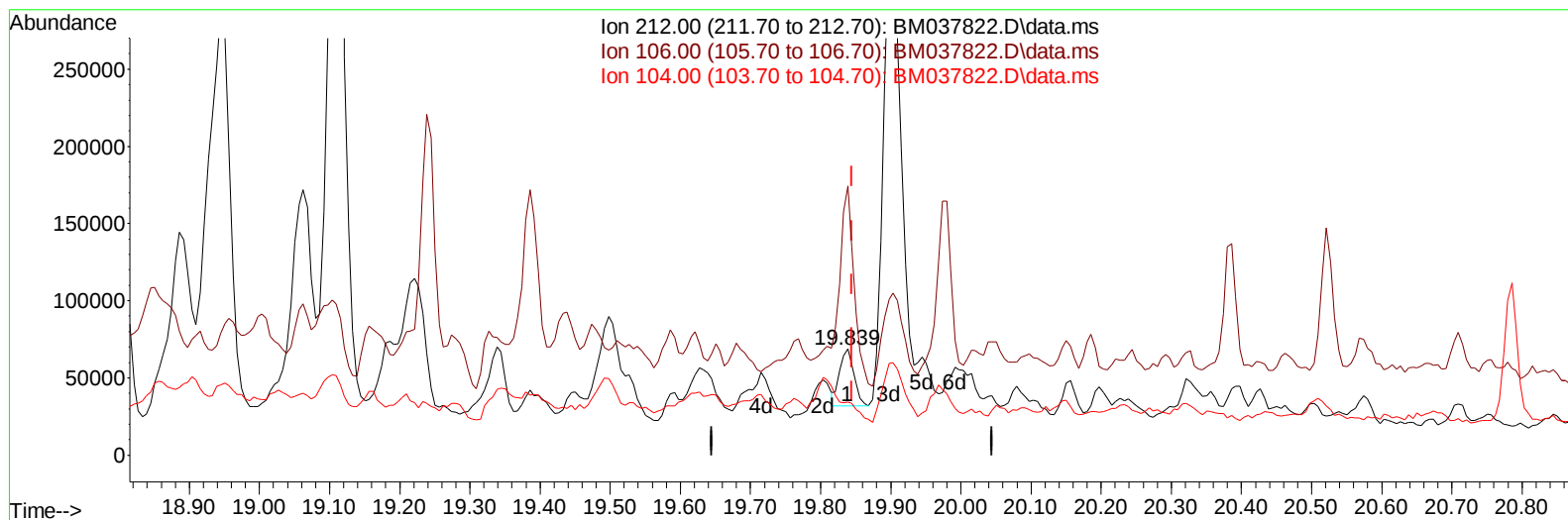
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
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 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(81) Pyrene-d10 (S)

19.839min (-0.006) 2.01 ng/u1

response 52047

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.80	253.71#
104.00	10.30	50.08#
0.00	0.00	0.00

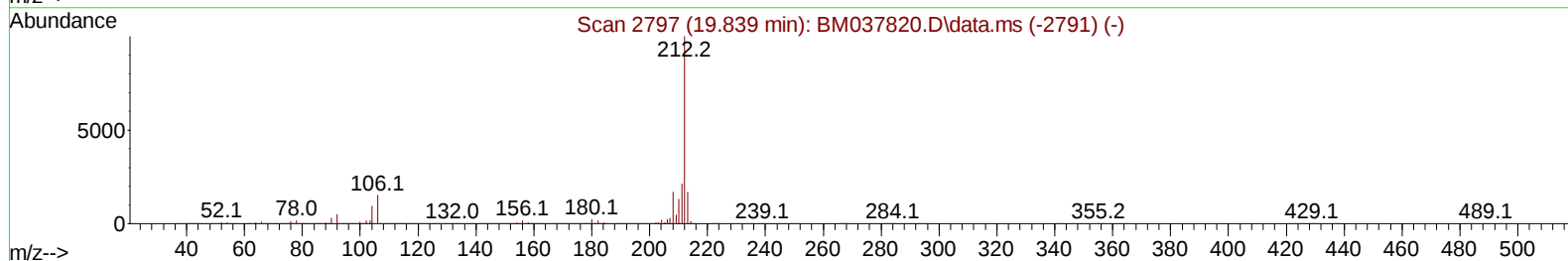
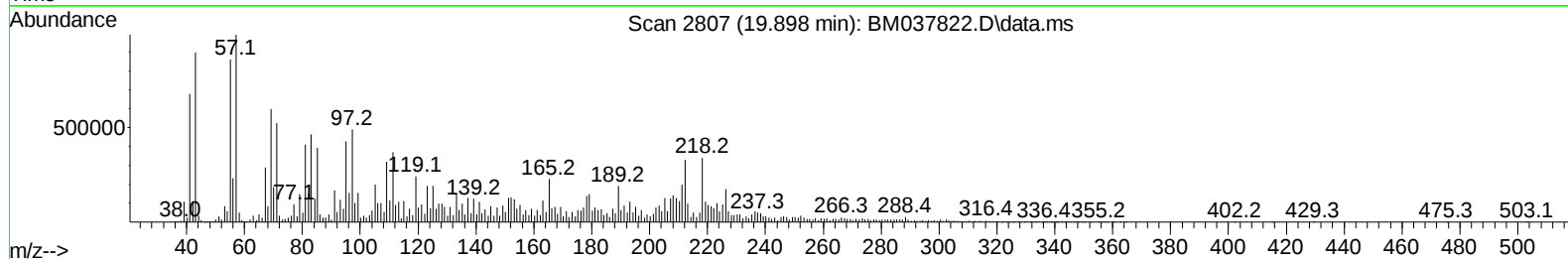
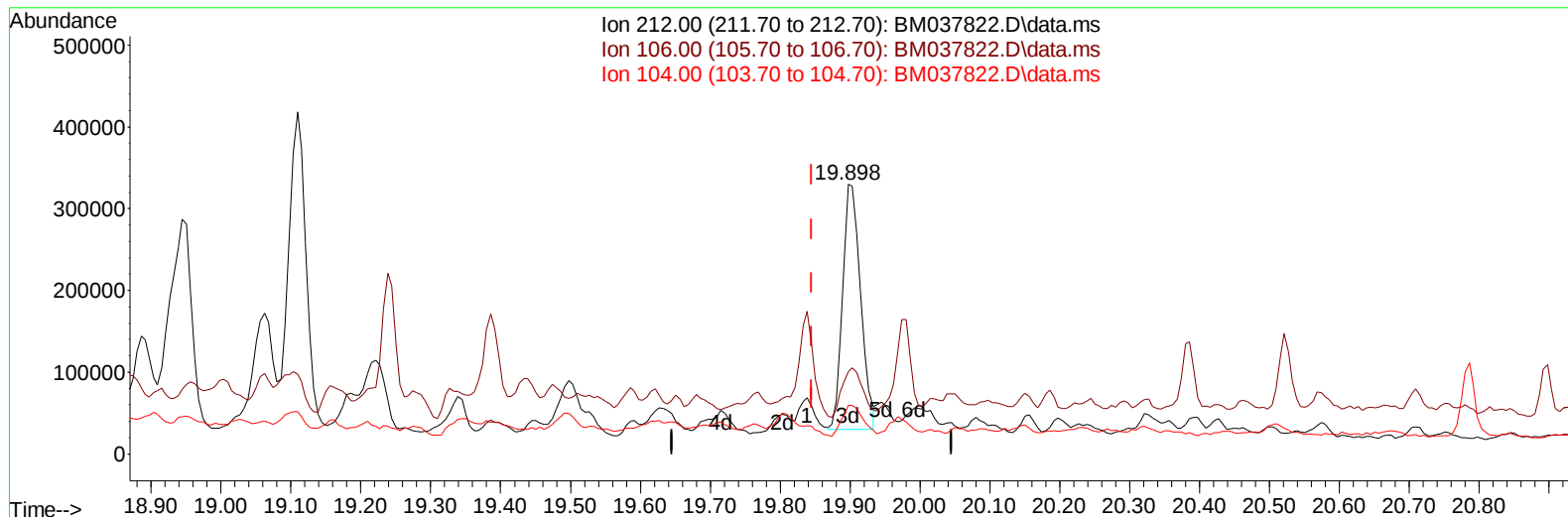
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(81) Pyrene-d10 (S)

19.898min (+ 0.052) 20.97 ng/ul m

response 542883

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.80	30.62#
104.00	10.30	18.03#
0.00	0.00	0.00

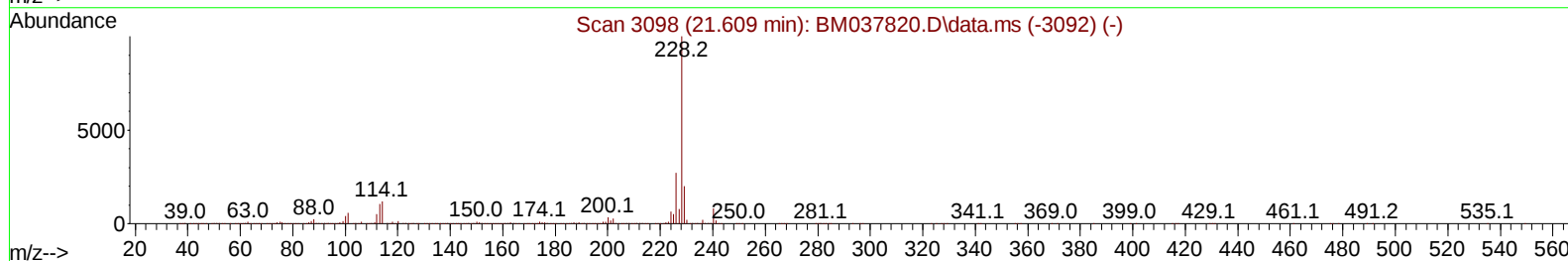
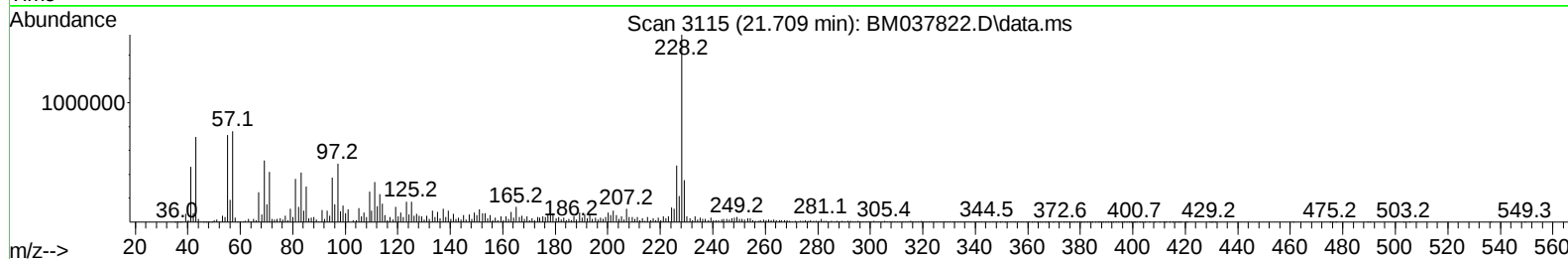
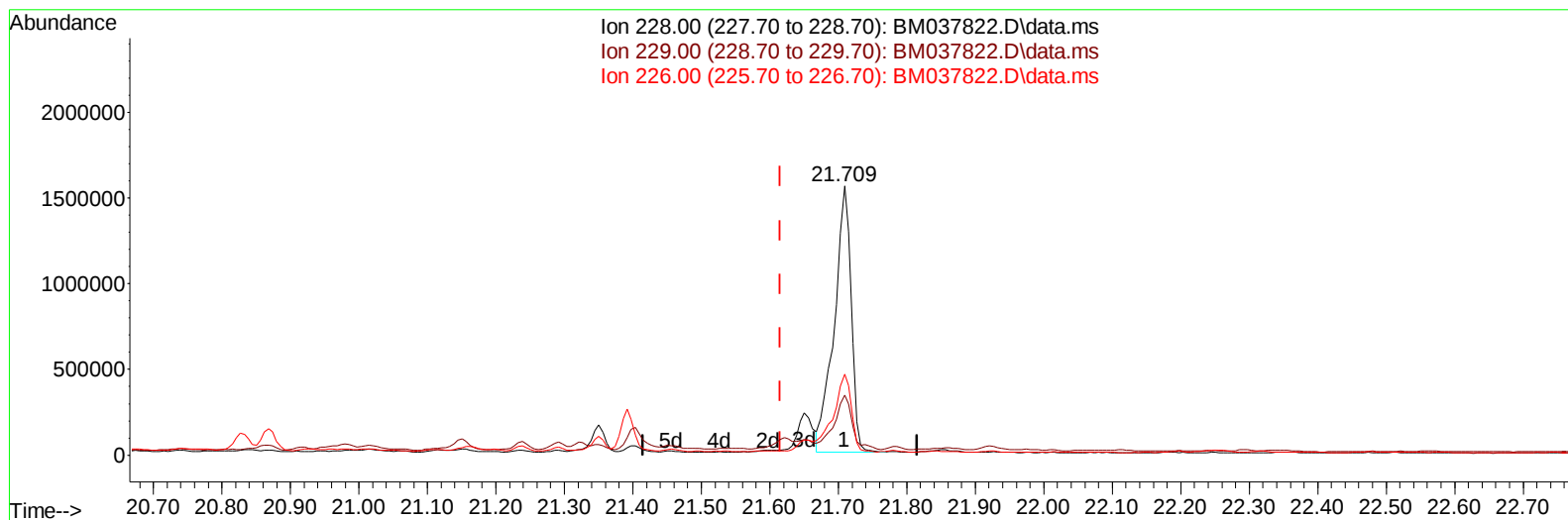
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
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 QLast Update : Fri Dec 02 01:14:59 2022
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Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(85) Benzo(a)anthracene

21.709min (+ 0.094) 82.53 ng/u1

response 2639419

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.20	22.24
226.00	27.90	30.10
0.00	0.00	0.00

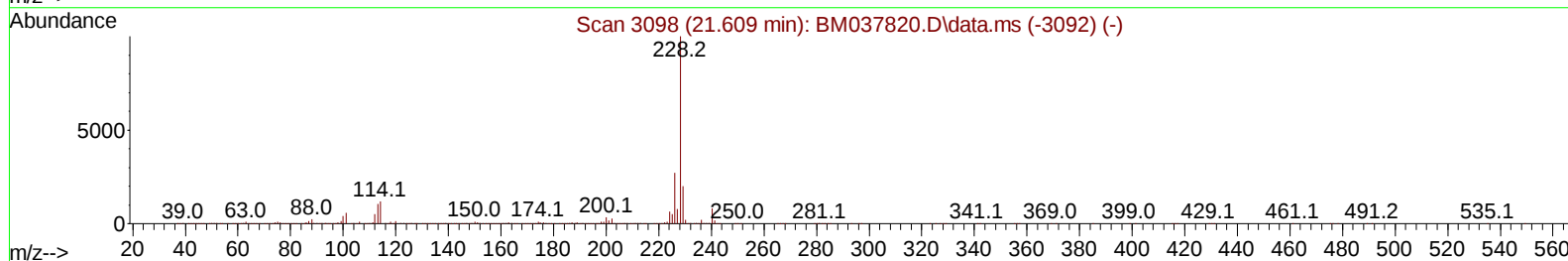
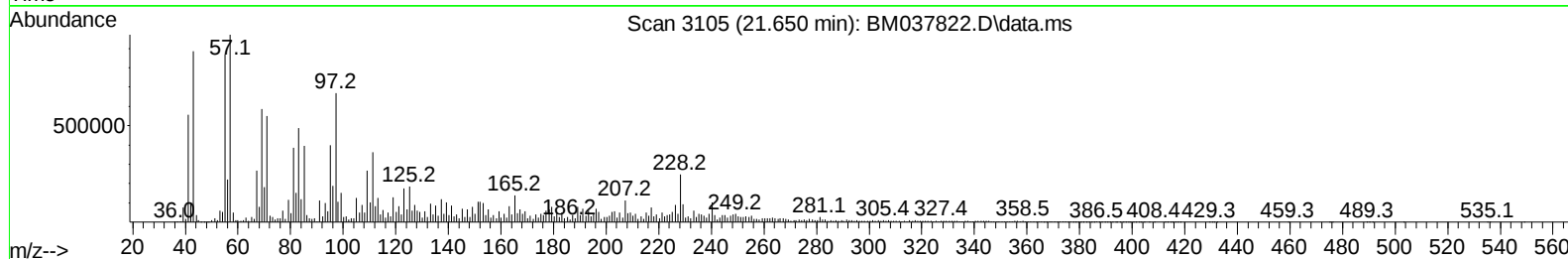
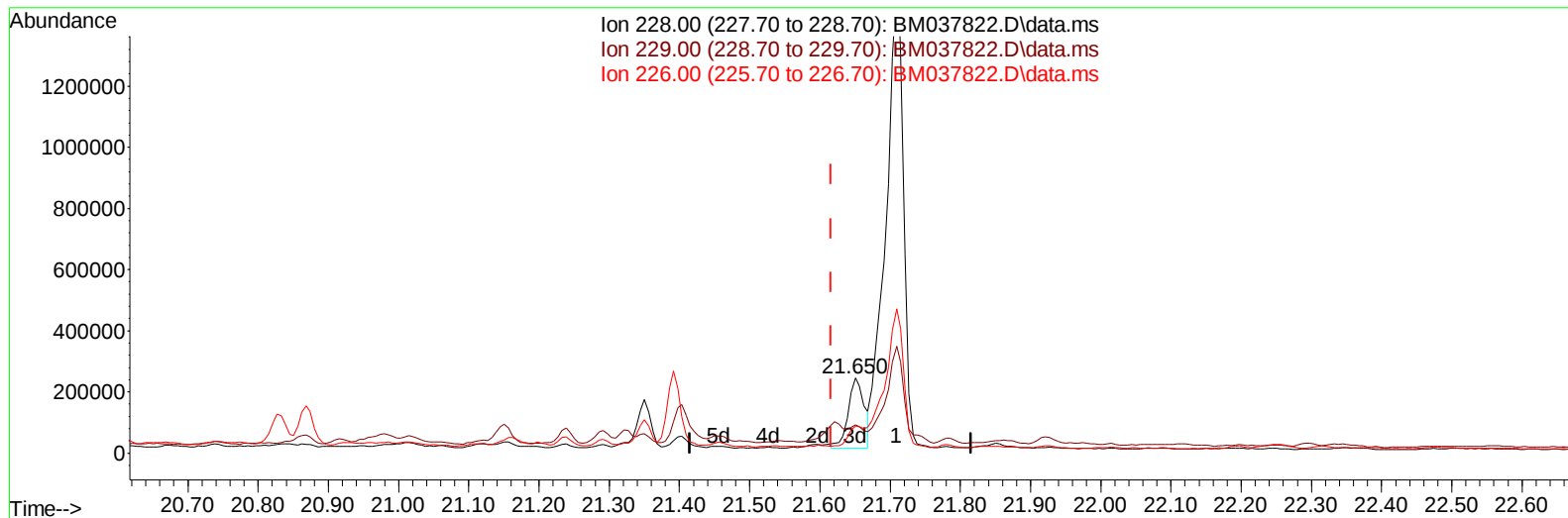
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(85) Benzo(a)anthracene

21.650min (+ 0.035) 11.48 ng/ul m

response 367010

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.20	37.66#
226.00	27.90	36.23#
0.00	0.00	0.00

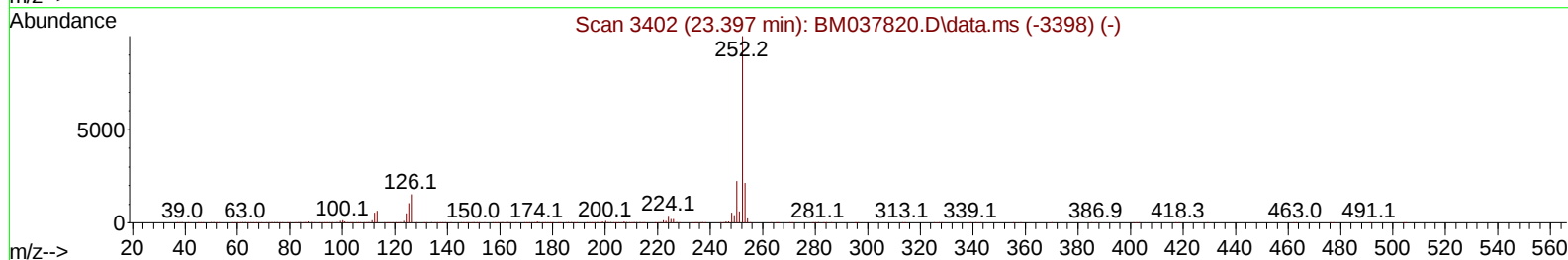
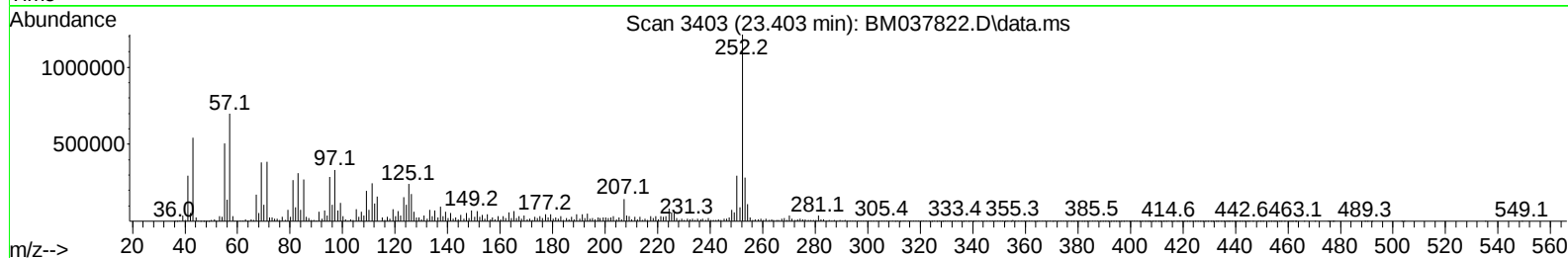
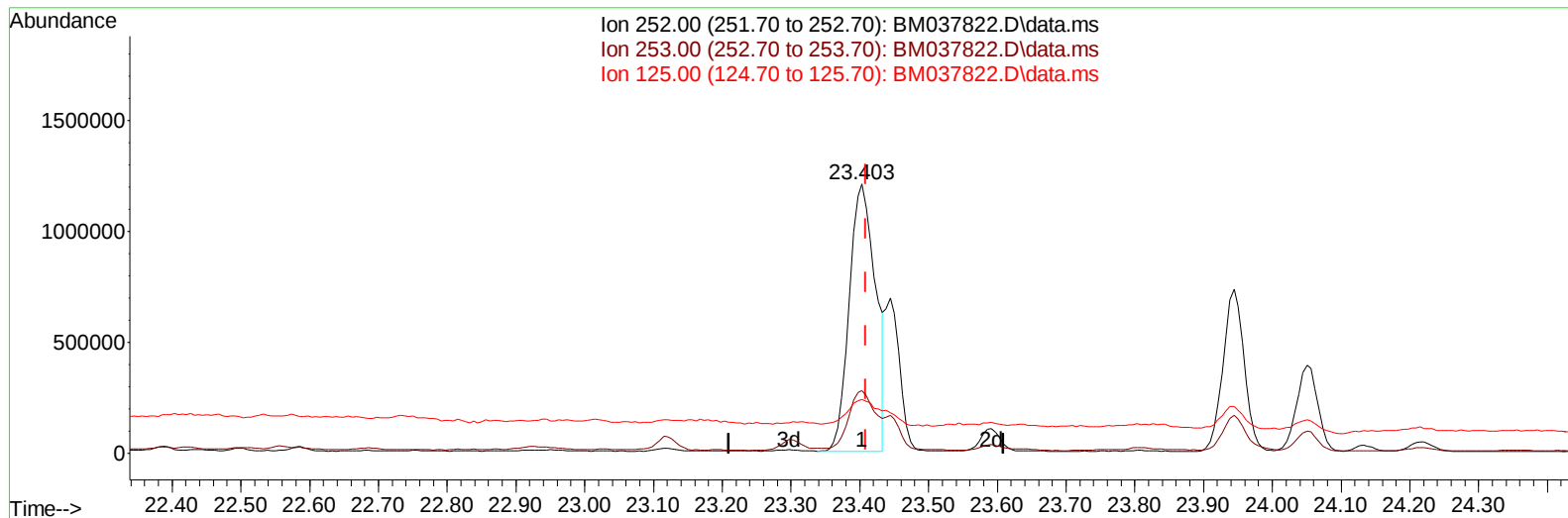
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037822.D
Acq On : 02 Dec 2022 10:54
Operator : CG/JU
Sample : N5738-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

Quant Time: Dec 02 21:46:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration



TIC: BM037822.D\data.ms

(91) Benzo(k)fluoranthene

23.403min (-0.006) 86.92 ng/u1

response 3197154

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.27
125.00	11.60	19.90#
0.00	0.00	0.00

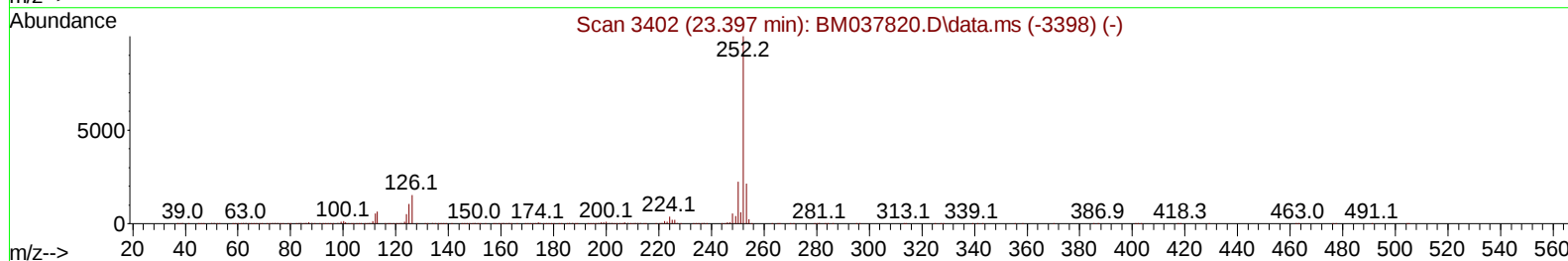
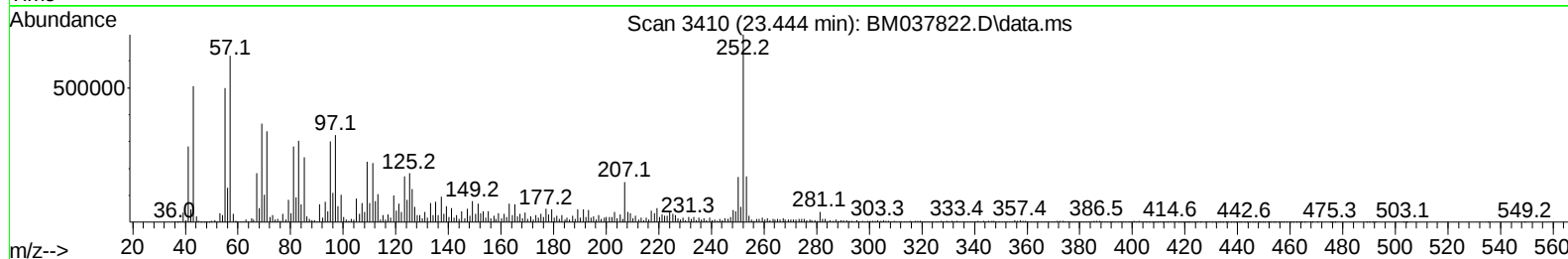
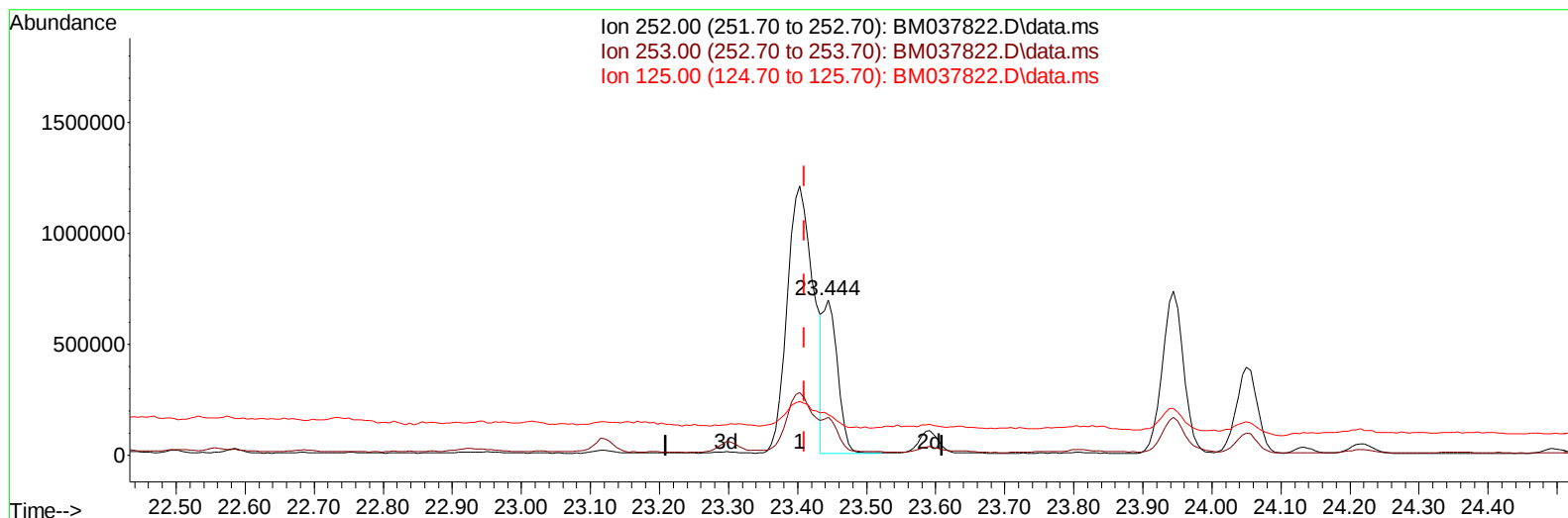
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
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 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022



TIC: BM037822.D\data.ms

(91) Benzo(k)fluoranthene

23.444min (+ 0.035) 27.55 ng/ul m

response 1013581

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.59
125.00	11.60	26.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Quant Time: Dec 02 21:46:32 2022
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Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.098	152		184709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136		862294	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164		515226	20.000	ng/ul	# 0.01
64) Phenanthrene-d10	17.556	188		441170m	20.000	ng/ul	0.09
79) Chrysene-d12	21.668	240		499831m	20.000	ng/ul	0.03
88) Perylene-d12	24.162	264		593751	20.000	ng/ul	0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.428	96		12624	3.207	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.245	99		361979	21.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67		218879	22.544	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132		294128	23.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113		286028	21.613	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128		155700	22.731	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143		166544	23.497	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.533	165		313802	23.872	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131		50757	2.517	ng/ul	-0.02
46) Dimethylphthalate-d6	14.133	166		853398	24.121	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160		1131628	26.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.933	143		177695m	24.198	ng/ul	0.02
60) Fluorene-d10	15.739	176		555010	17.291	ng/ul	0.03
65) 4,6-Dinitro-2-methylph...	15.857	200		53190	22.887	ng/ul	0.03
73) Anthracene-d10	17.645	188		553534m	27.283	ng/ul	0.08
81) Pyrene-d10	19.898	212		542883m	20.968	ng/ul	0.05
92) Benzo(a)pyrene-d12	23.997	264		794471	26.709	ng/ul	0.04
Target Compounds							
						Qvalue	
8) Phenol	7.275	94		34478	2.027	ng/ul#	84
16) Acetophenone	8.928	105		207056	9.919	ng/ul	98
50) Acenaphthylene	14.463	152		435255	9.124	ng/ul#	53
58) 2,3,4,6-Tetrachlorophenol	15.368	232		2055464	227.772	ng/ul#	67
71) Pentachlorophenol	17.298	266		44436357m	13666.084	ng/ul	
72) Phenanthrene	17.598	178		3732399m	156.101	ng/ul	
74) Anthracene	17.680	178		159713m	6.548	ng/ul	
77) Carbazole	17.927	167		409448m	18.241	ng/ul	
80) Fluoranthene	19.574	202		5790636m	183.106	ng/ul	
82) Pyrene	19.939	202		5738733m	175.748	ng/ul	
83) Butylbenzylphthalate	20.786	149		726749	51.046	ng/ul	87
85) Benzo(a)anthracene	21.650	228		367010m	11.476	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.544	149		621580	28.894	ng/ul	94
87) Chrysene	21.709	228		2644555	88.838	ng/ul	98
90) Benzo(b)fluoranthene	23.403	252		3197154	83.847	ng/ul#	91
91) Benzo(k)fluoranthene	23.444	252		1013581m	27.555	ng/ul	
93) Benzo(a)pyrene	24.050	252		825837	24.975	ng/ul#	72
94) Indeno(1,2,3-cd)pyrene	26.803	276		1364326	36.700	ng/ul	96
95) Dibenzo(a,h)anthracene	26.797	278		227162	6.714	ng/ul#	62
96) Benzo(g,h,i)perylene	27.597	276		1069290	32.960	ng/ul	99

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

Instrument :

BNA_M

ClientSampleId :

GBNH8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
Supervised By :mohammad ahmed 12/05/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037822.D
 Acq On : 02 Dec 2022 10:54
 Operator : CG/JU
 Sample : N5738-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/05/2022
 Supervised By :mohammad ahmed 12/05/2022

Quant Time: Dec 02 21:46:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

