

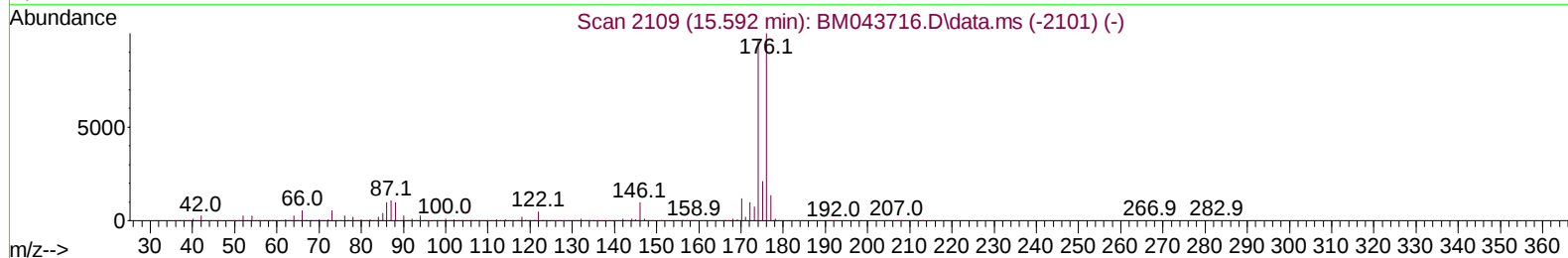
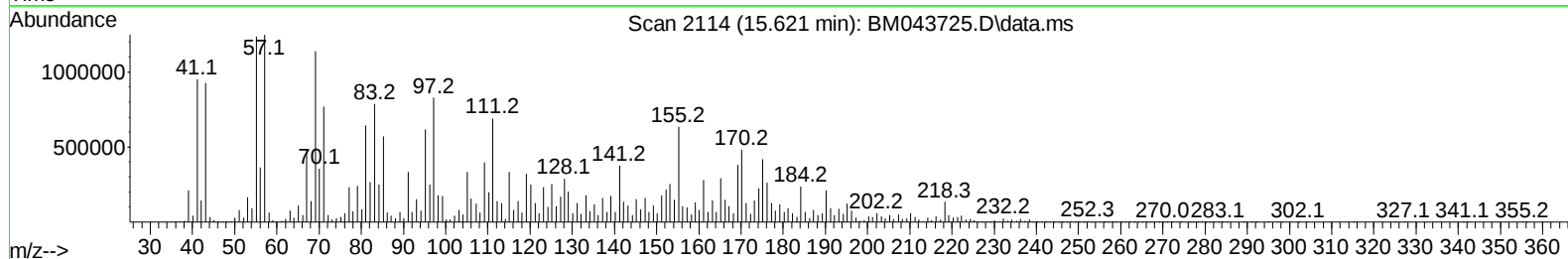
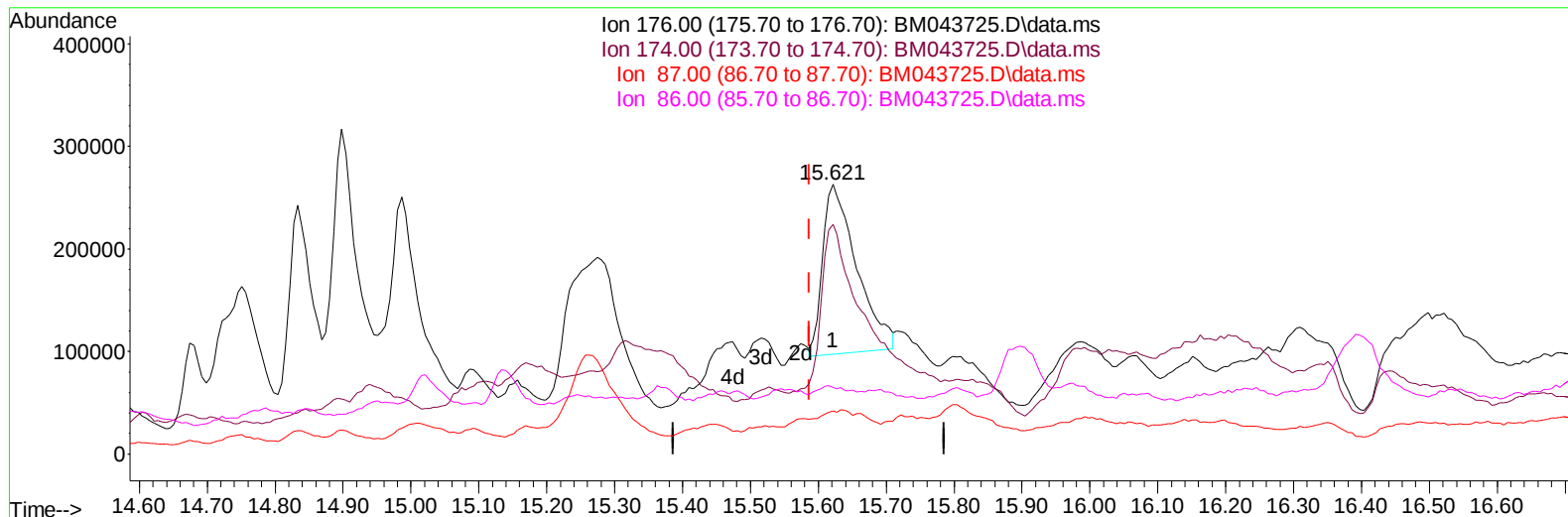
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:26:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(60) Fluorene-d10 (S)

15.621min (+ 0.035) 11.26 ng/ul

response 575813

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	85.17
87.00	11.70	15.89#
86.00	10.80	24.63#

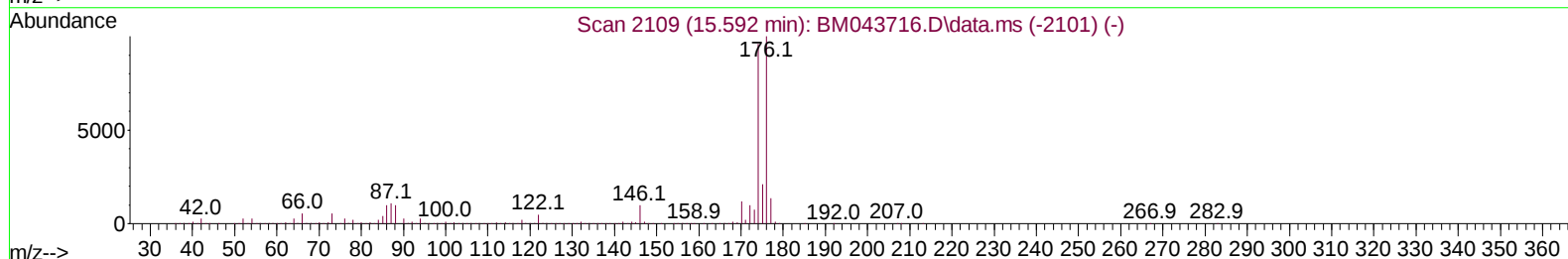
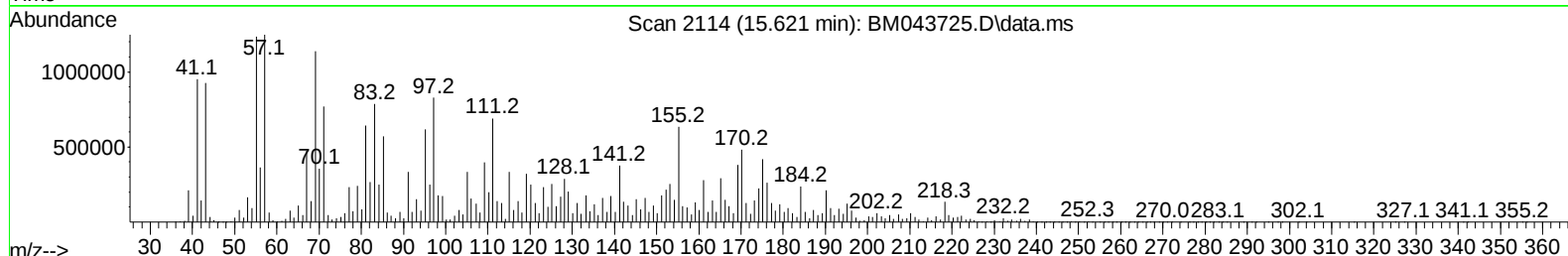
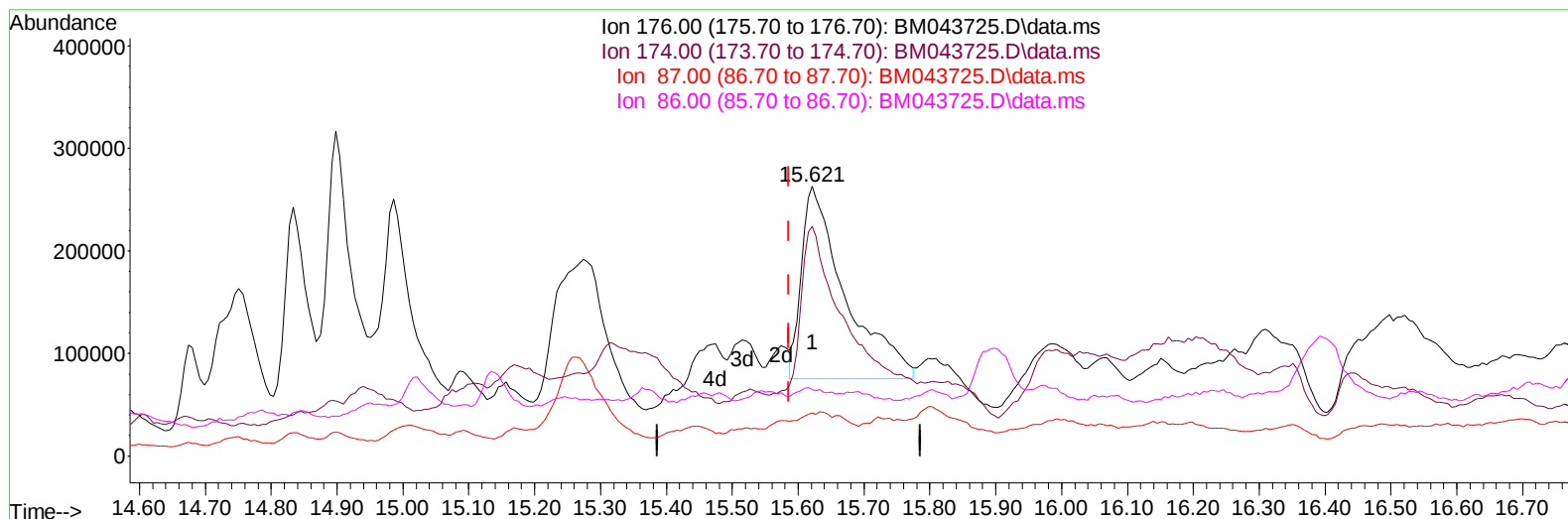
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043725.D
 Acq On : 03 Jan 2024 10:18
 Operator : MA/JU
 Sample : 05952-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:26:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(60) Fluorene-d10 (S)

15.621min (+ 0.035) 16.88 ng/ul m

response 863745

Ion	Exp%	Act%
176.00	100.00	100.00
174.00	94.30	85.17
87.00	11.70	15.89#
86.00	10.80	24.63#

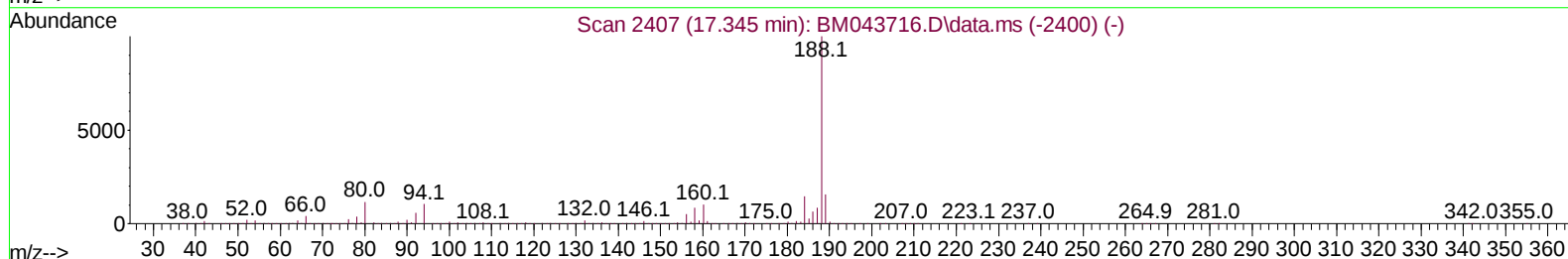
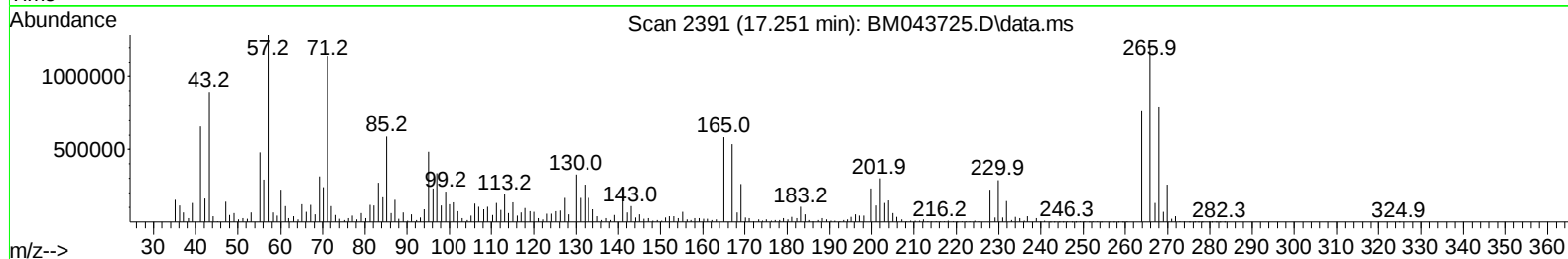
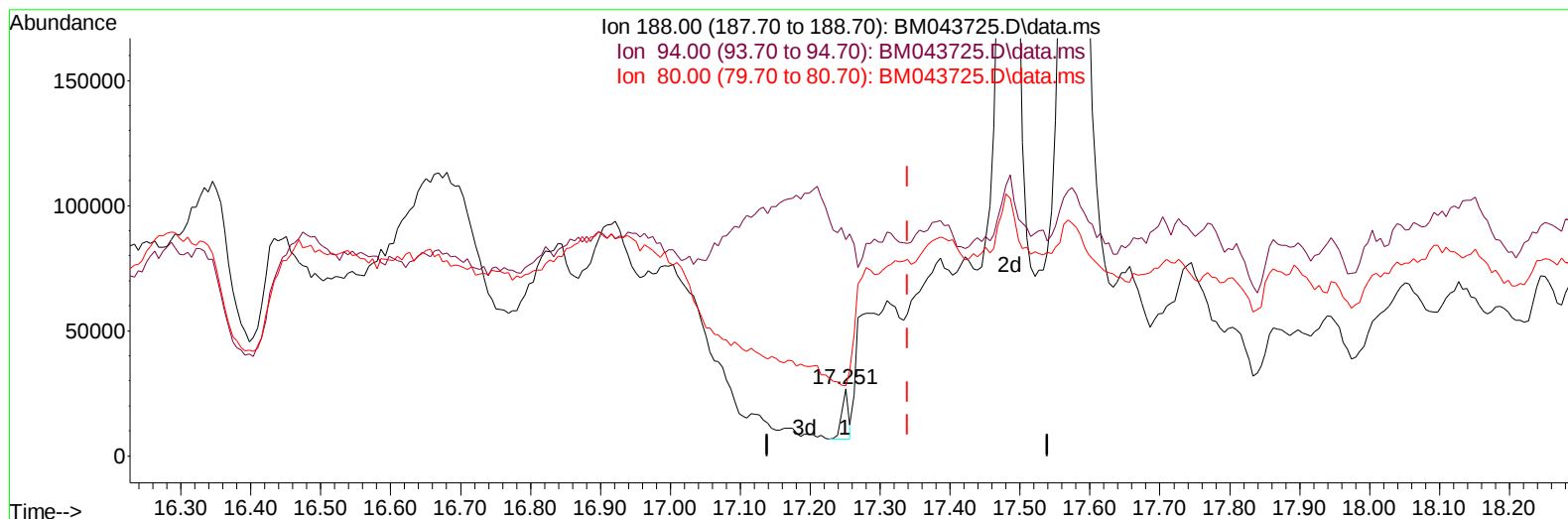
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:26:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(64) Phenanthrene-d10 (I)

17.251min (-0.088) 20.00 ng/u1

response 13233

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	322.29#
80.00	13.20	104.48#
0.00	0.00	0.00

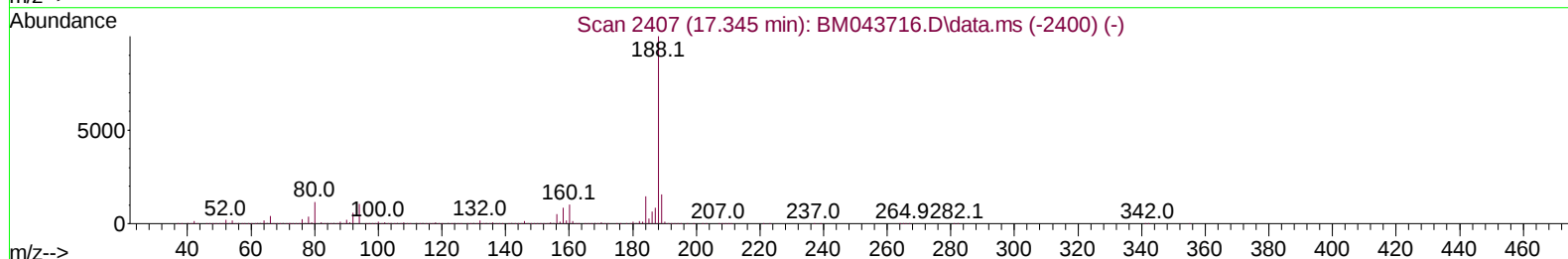
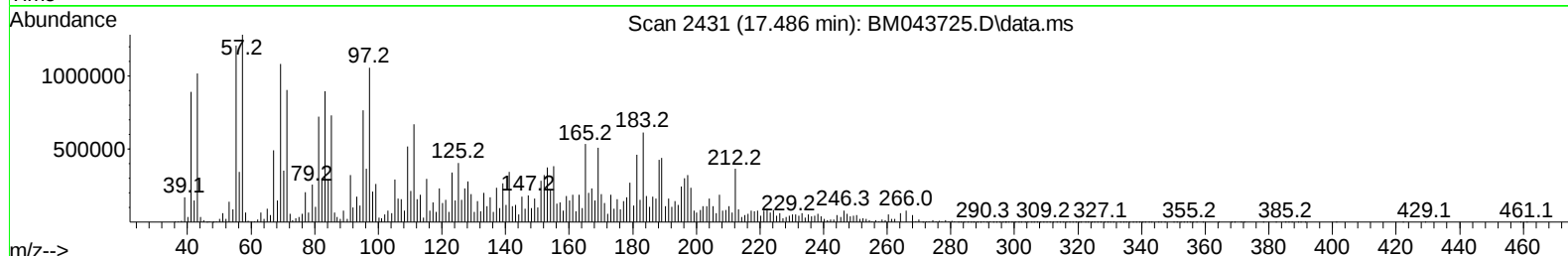
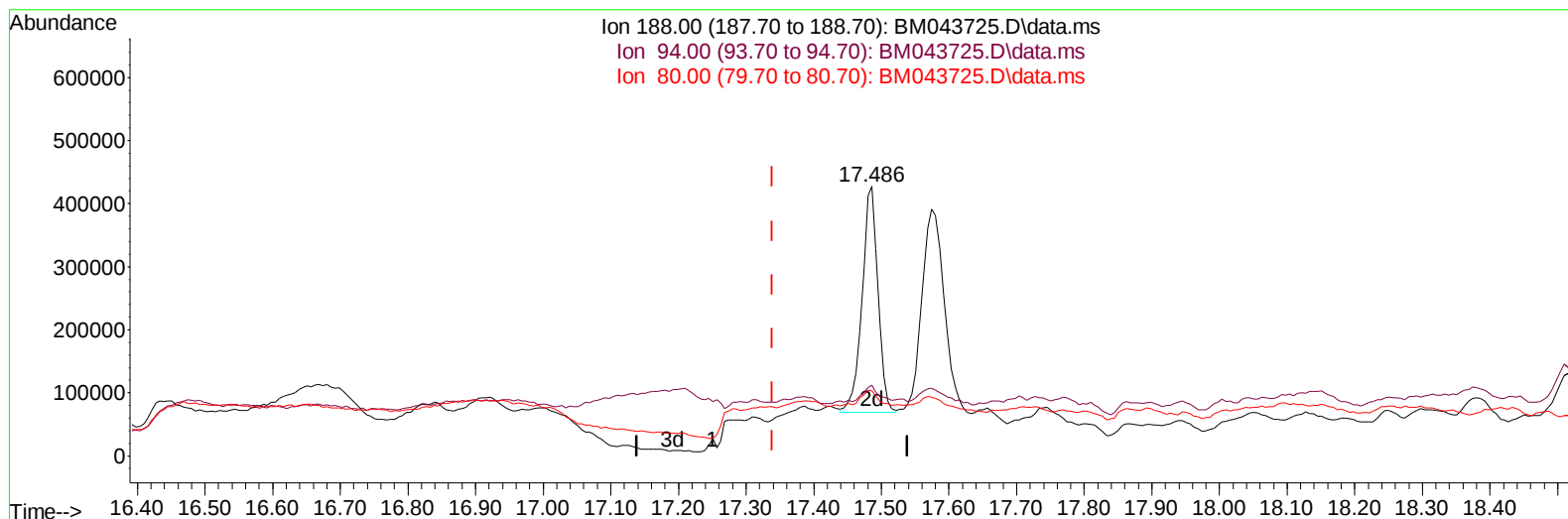
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:26:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(64) Phenanthrene-d10 (I)

17.486min (+ 0.147) 20.00 ng/ul m

response 586147

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	26.31#
80.00	13.20	24.12#
0.00	0.00	0.00

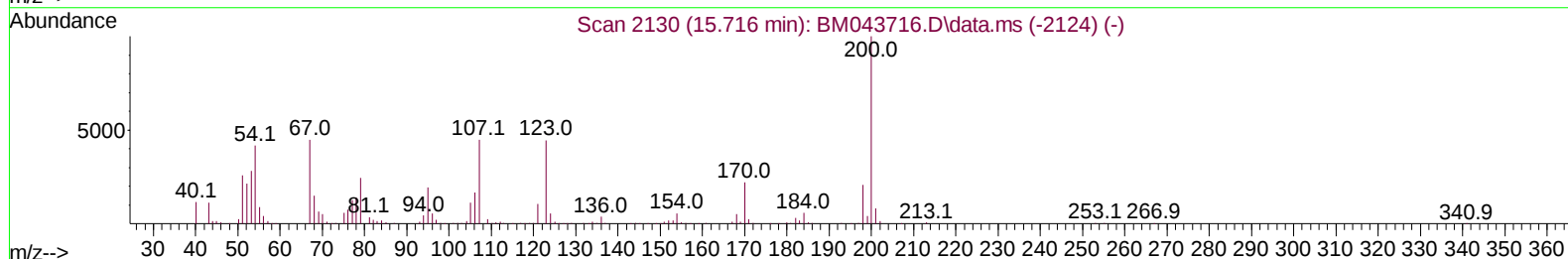
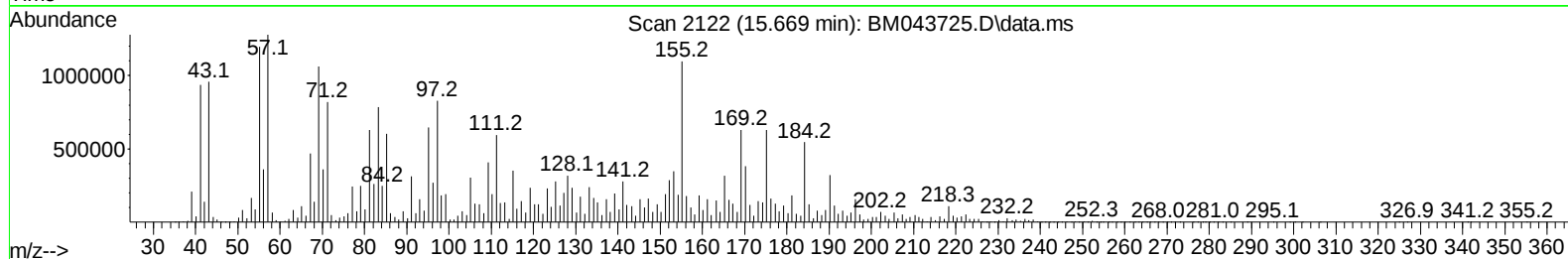
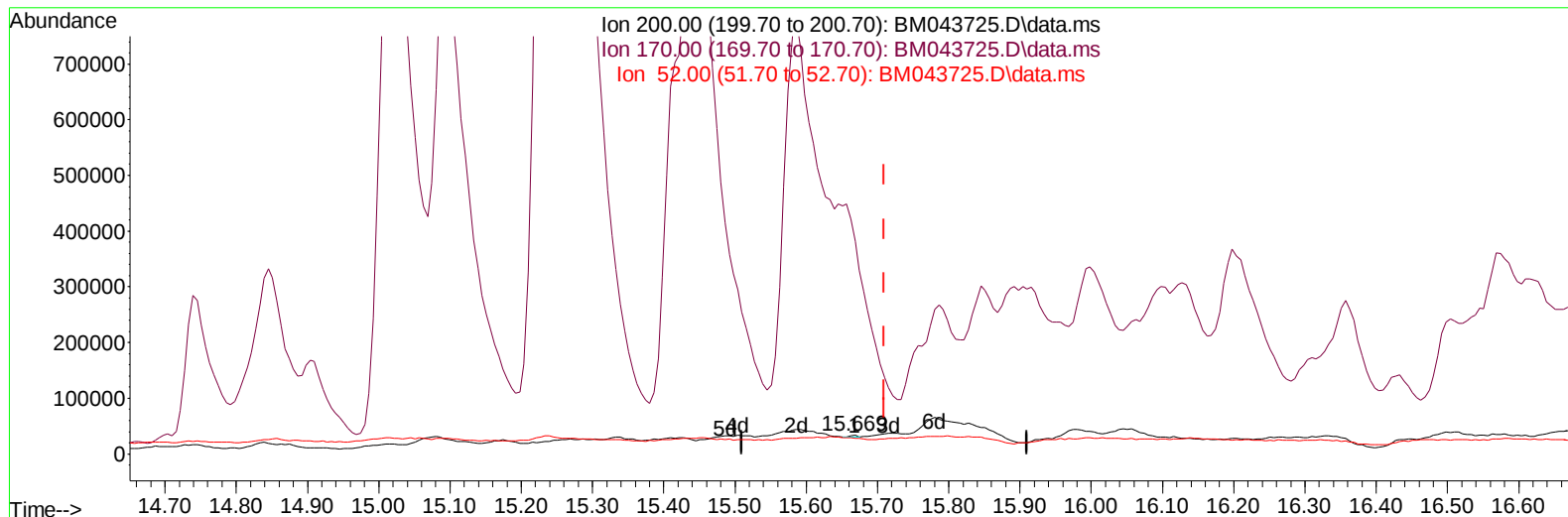
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.669min (-0.041) 0.50 ng/u1

response 1946

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	1144.67#
52.00	58.30	85.14#
0.00	0.00	0.00

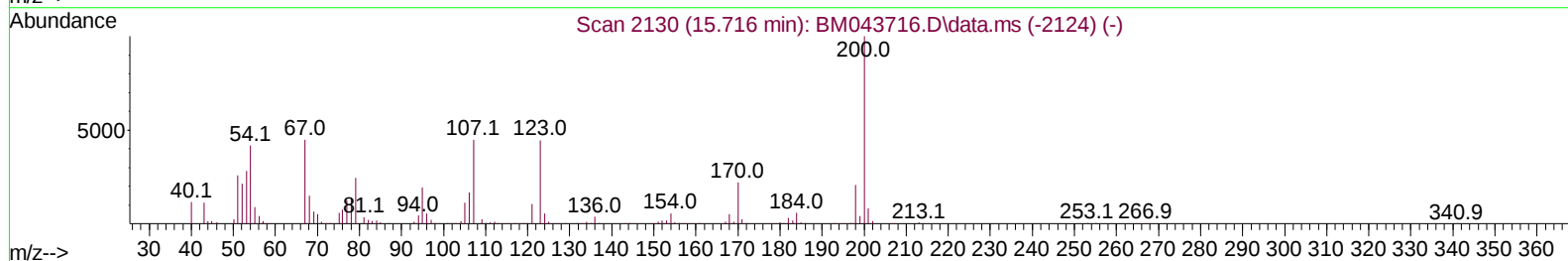
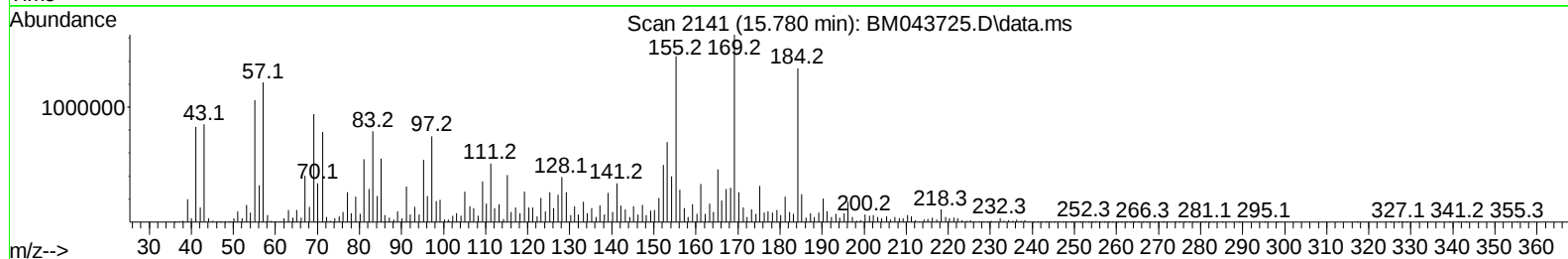
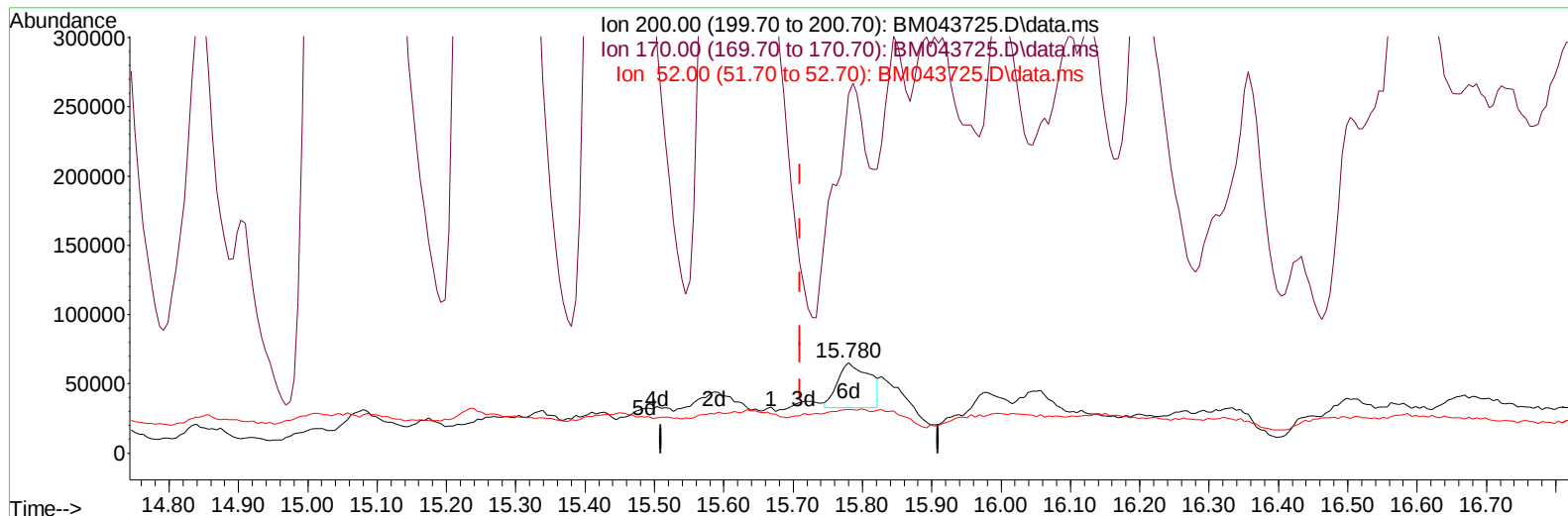
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.780min (+ 0.071) 26.81 ng/ul m

response 103935

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	396.92#
52.00	58.30	48.17
0.00	0.00	0.00

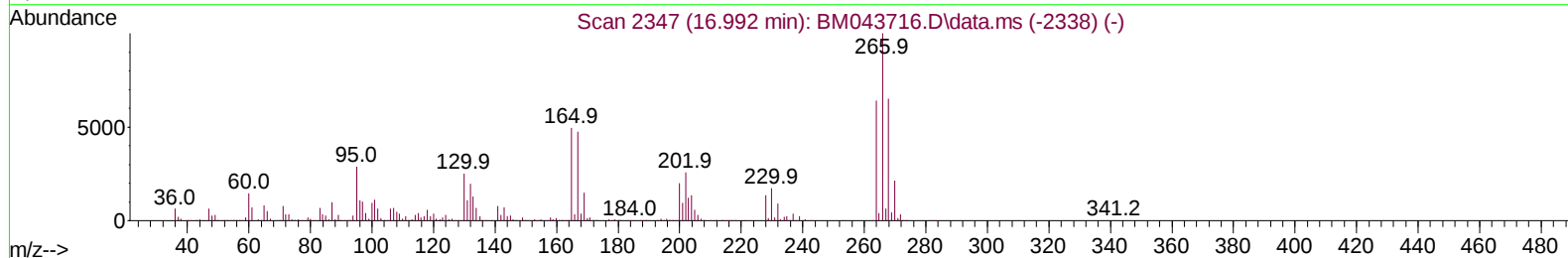
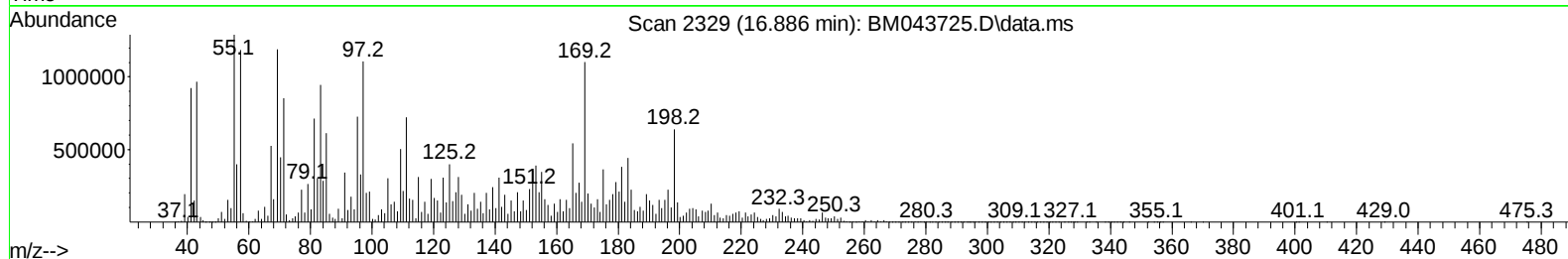
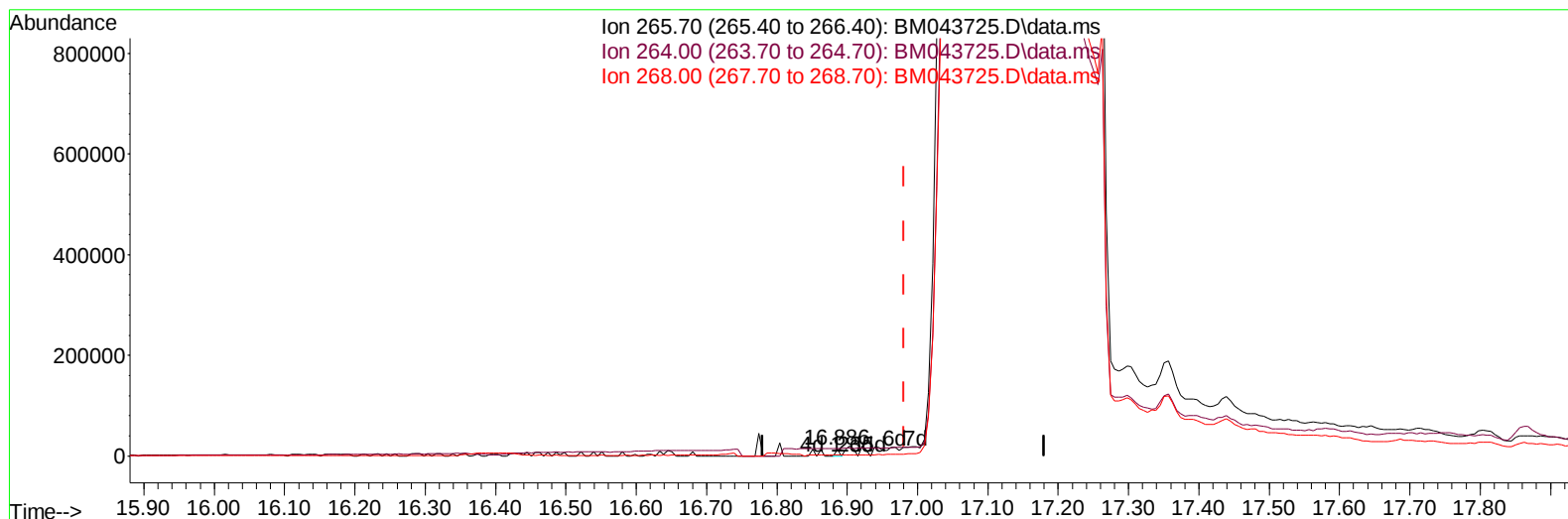
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043725.D
 Acq On : 03 Jan 2024 10:18
 Operator : MA/JU
 Sample : 05952-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(71) Pentachlorophenol (C)

16.886min (-0.094) 0.94 ng/u1

response 4543

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	117.93#
268.00	63.80	15.93#
0.00	0.00	0.00

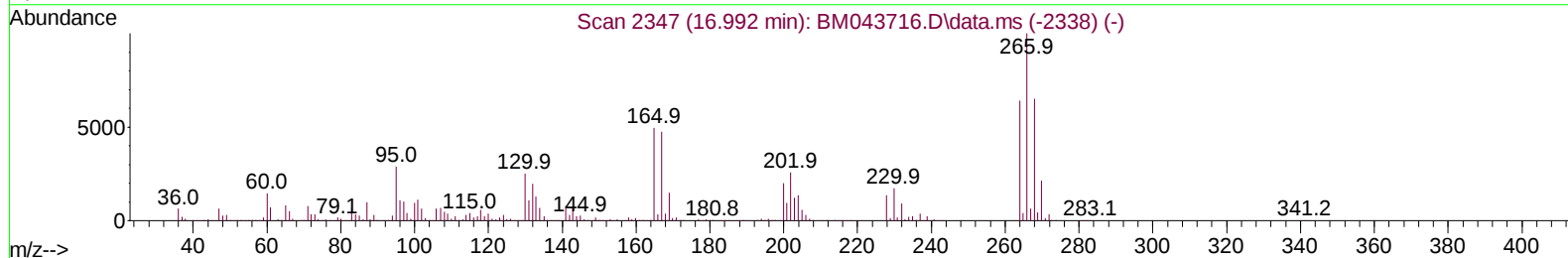
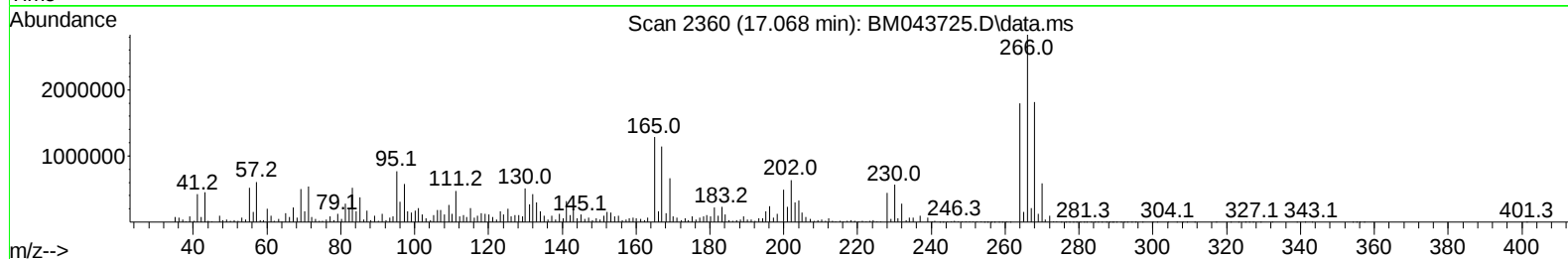
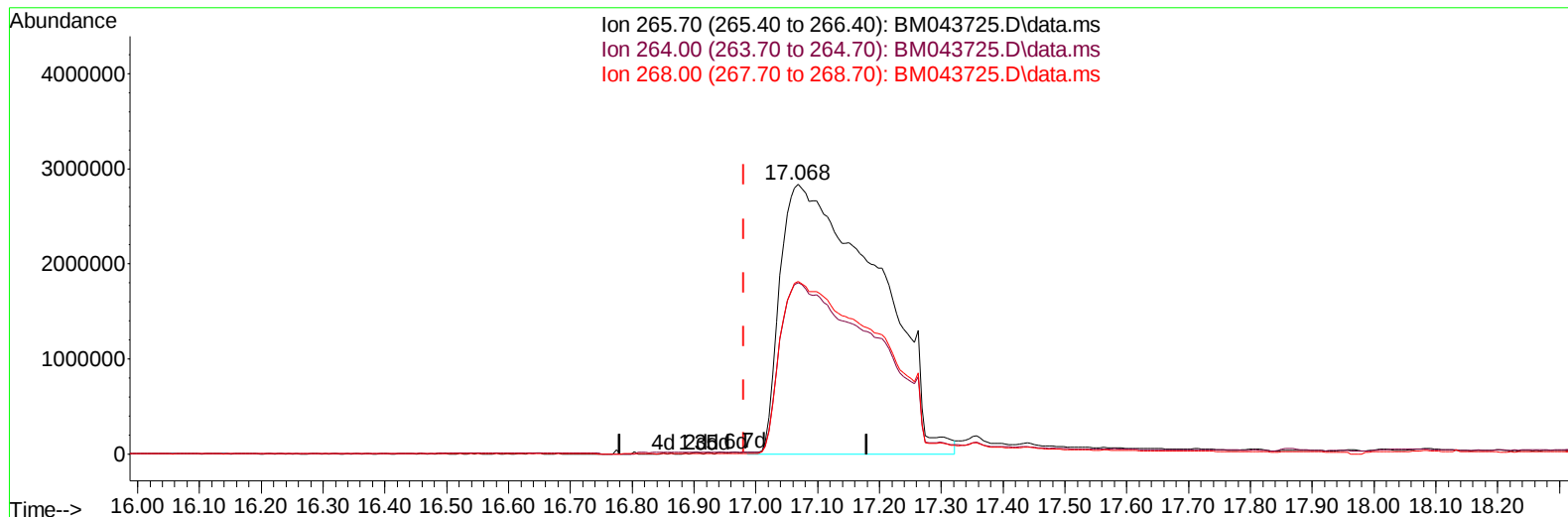
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(71) Pentachlorophenol (C)

17.068min (+ 0.088) 6414.31 ng/ul m

response 30850587

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	63.52
268.00	63.80	64.12
0.00	0.00	0.00

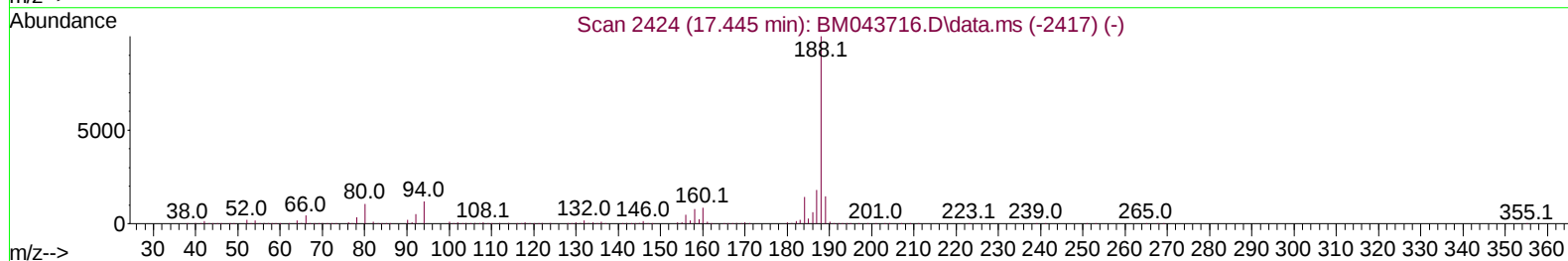
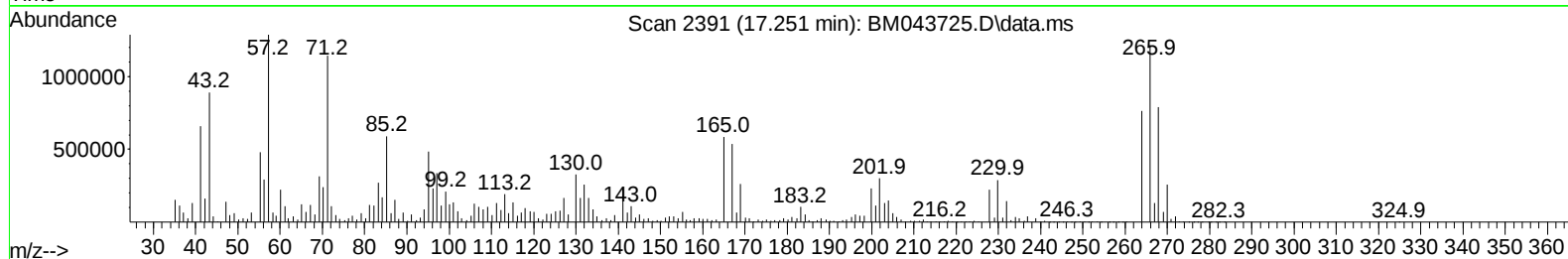
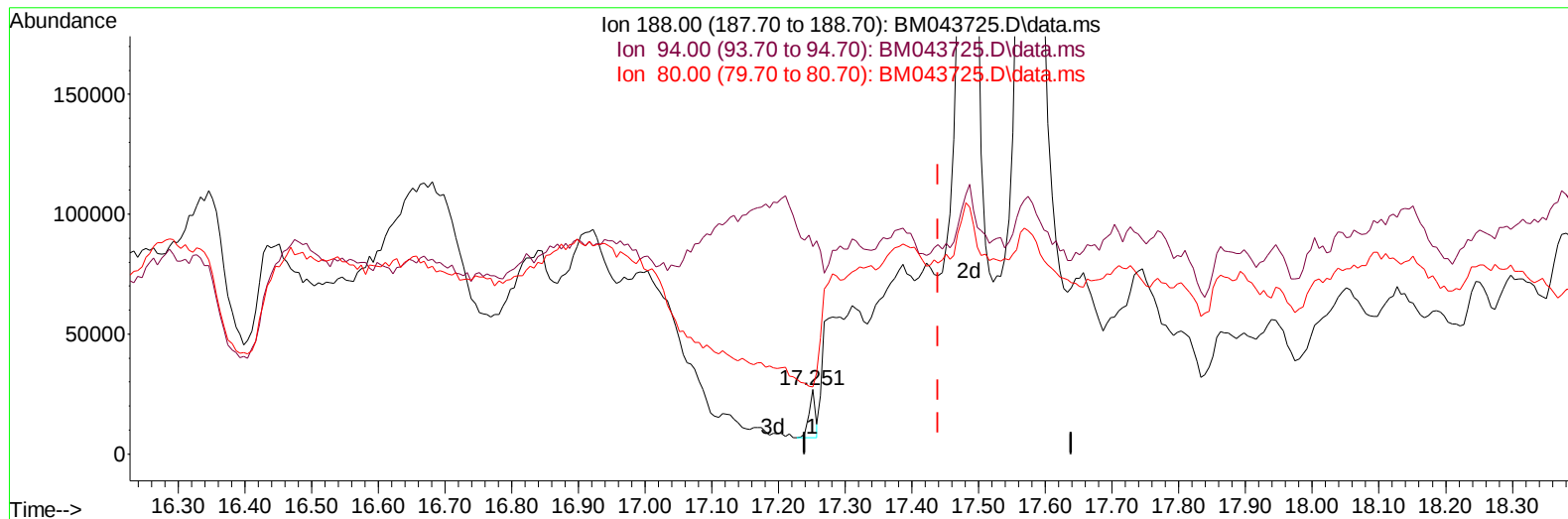
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(73) Anthracene-d10 (S)

17.251min (-0.188) 0.40 ng/u1

response 13233

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	322.29#
80.00	11.90	104.48#
0.00	0.00	0.00

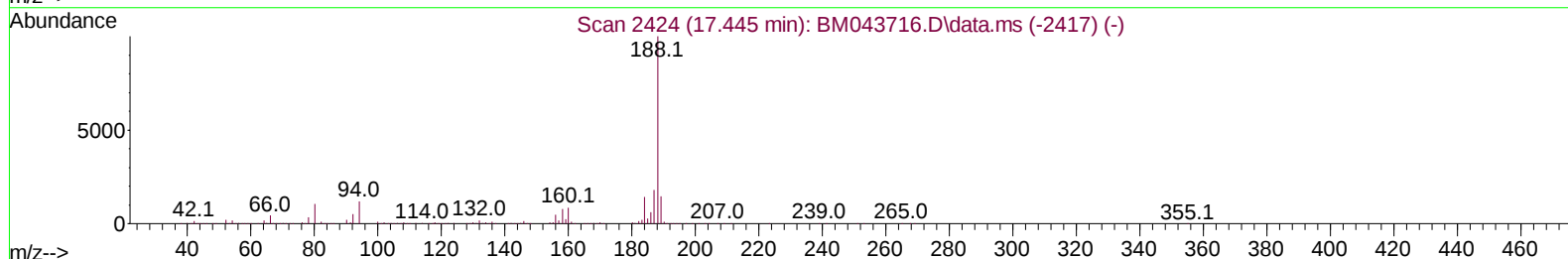
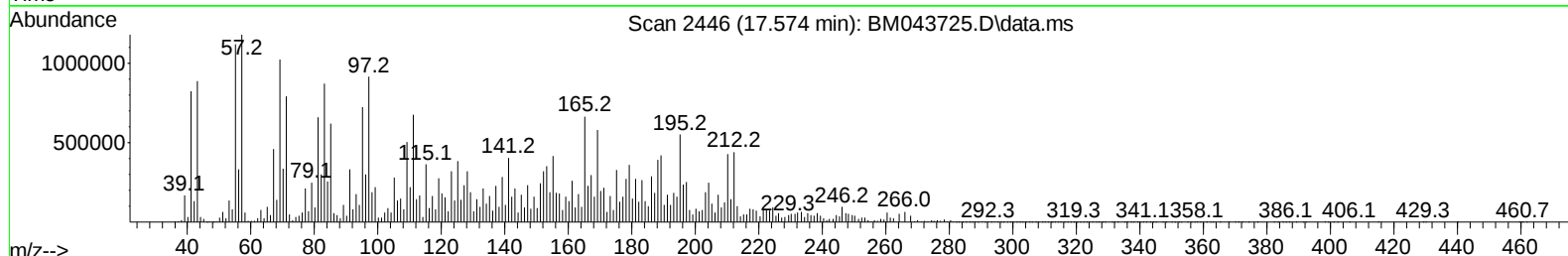
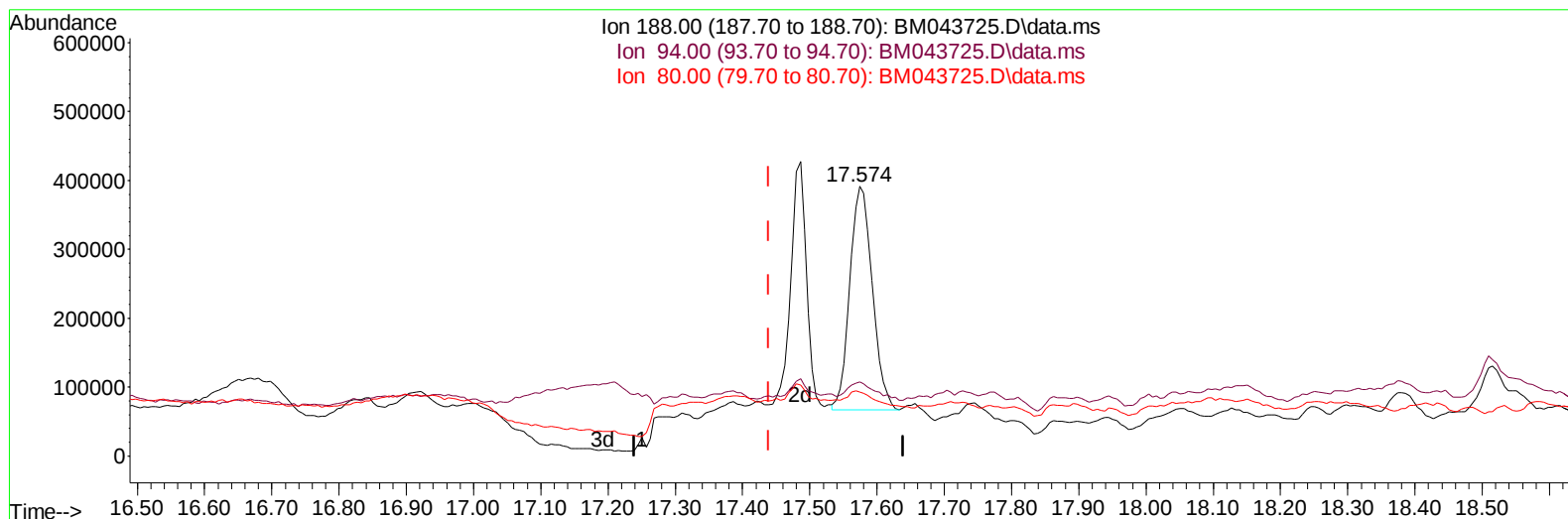
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:45:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(73) Anthracene-d10 (S)

17.574min (+ 0.135) 22.95 ng/ul m

response 754281

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	27.43#
80.00	11.90	23.79#
0.00	0.00	0.00

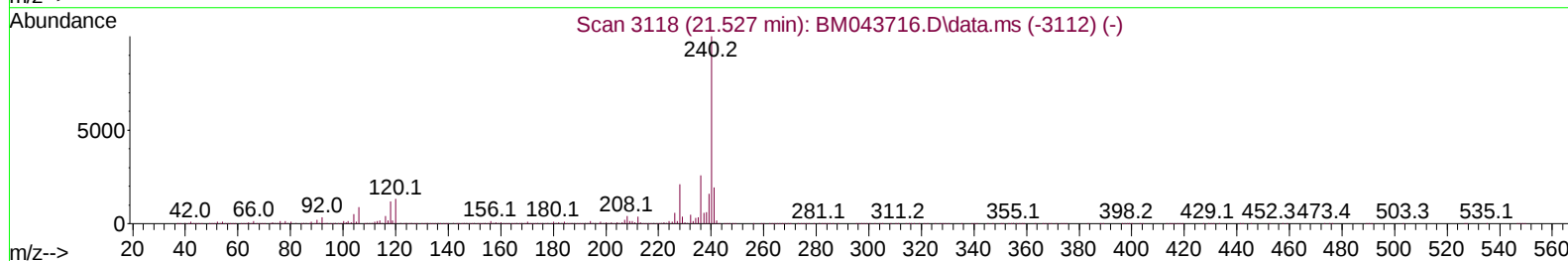
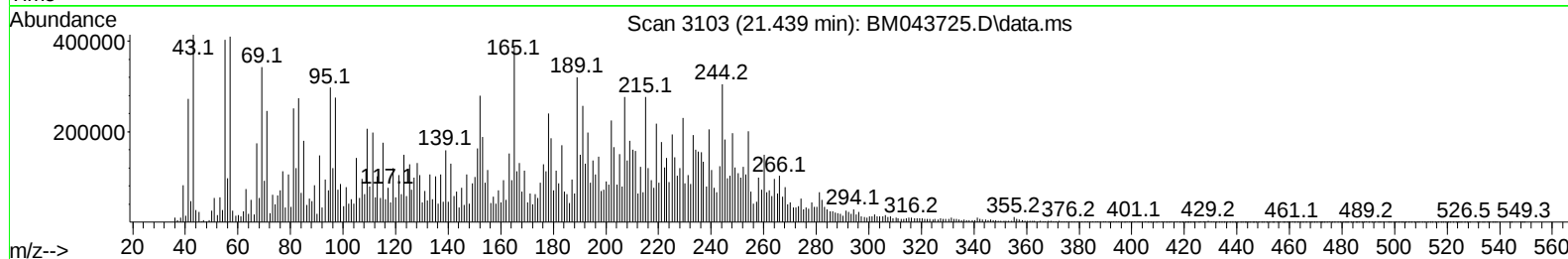
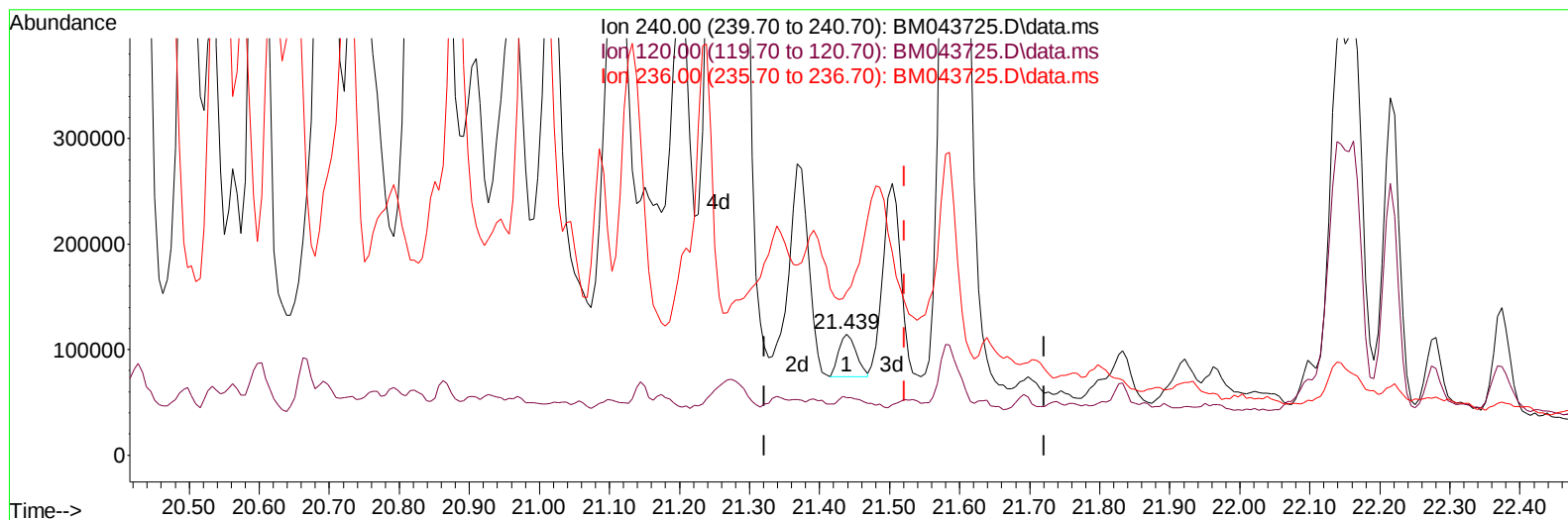
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(79) Chrysene-d12 (I)

21.439min (-0.082) 20.00 ng/u1

response 68947

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.20	47.51#
236.00	25.70	135.11#
0.00	0.00	0.00

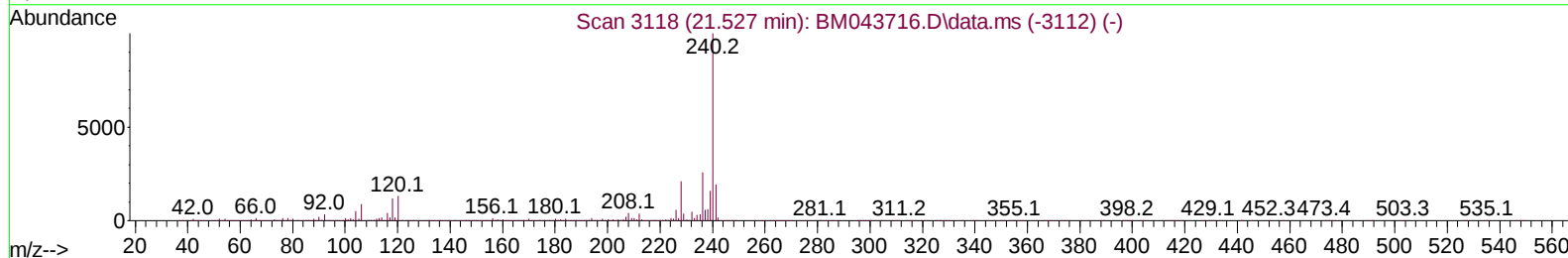
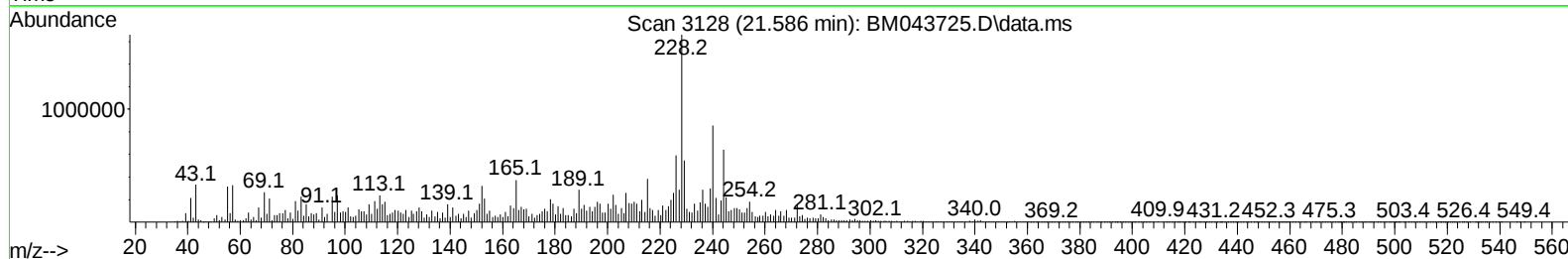
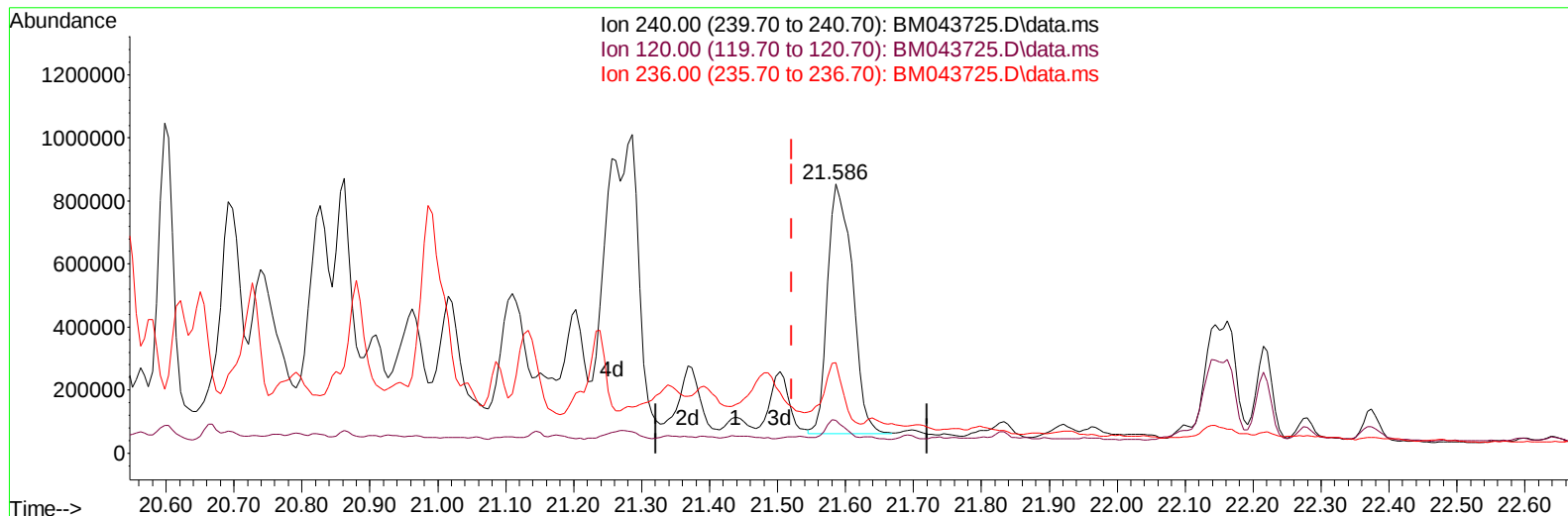
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:31:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(79) Chrysene-d12 (I)

21.586min (+ 0.065) 20.00 ng/ul m

response 2022965

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.20	12.22
236.00	25.70	33.63#
0.00	0.00	0.00

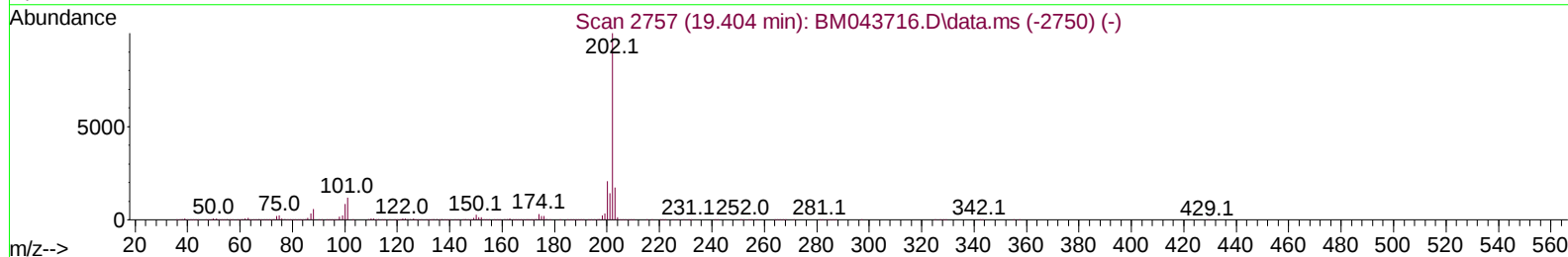
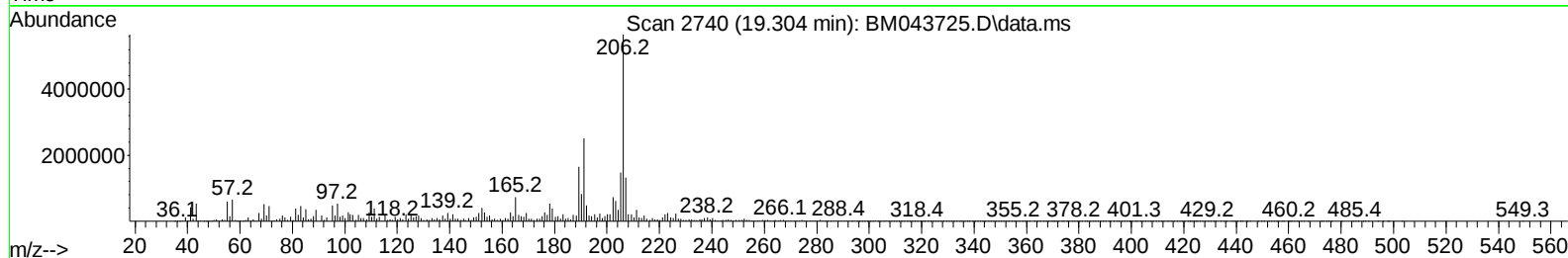
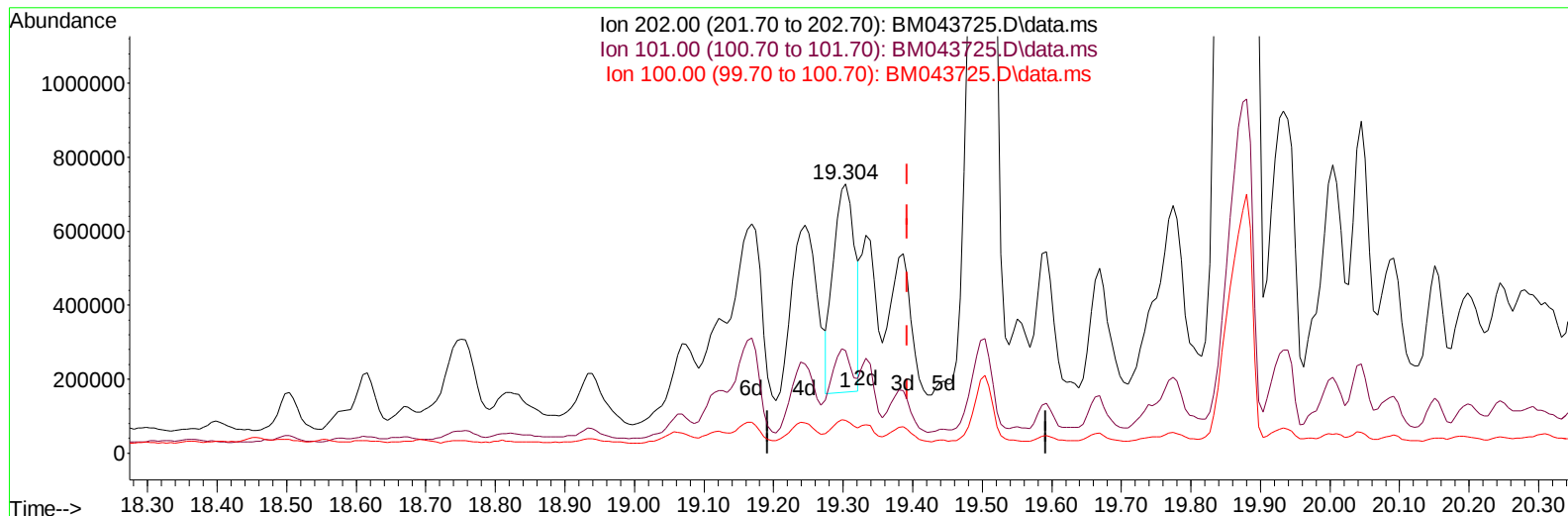
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:35:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(80) Fluoranthene

19.304min (-0.088) 6.14 ng/u1

response 1214764

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	37.99#
100.00	10.30	12.20
0.00	0.00	0.00

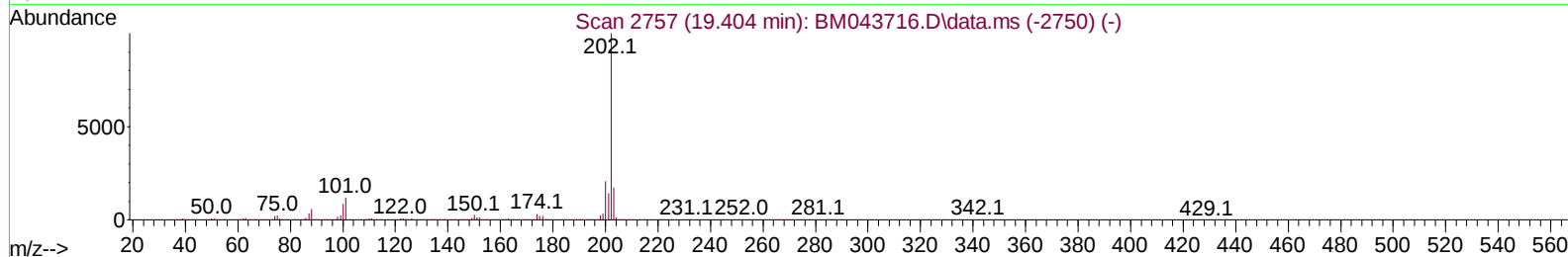
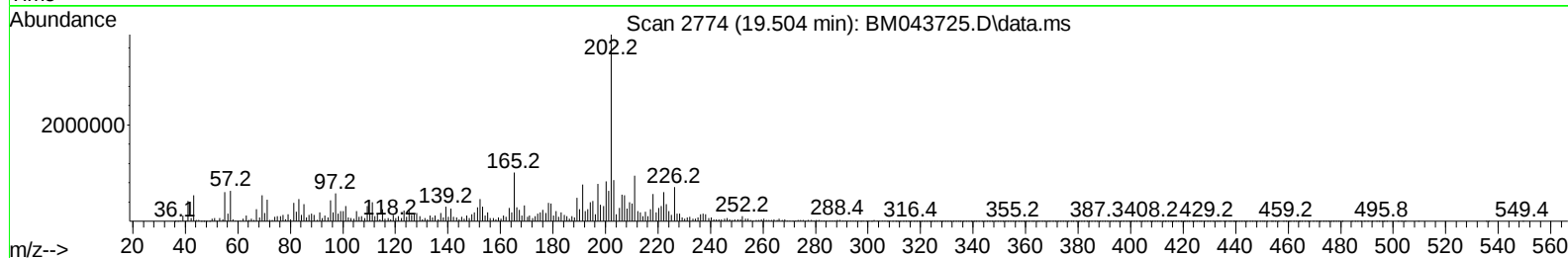
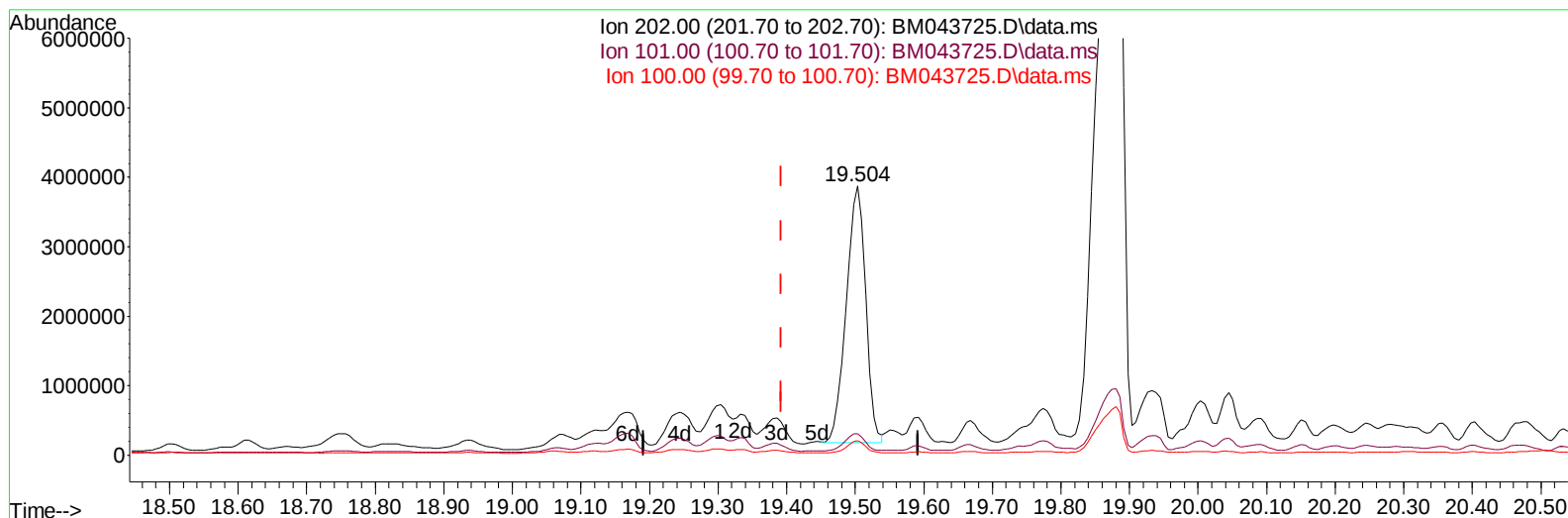
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:35:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(80) Fluoranthene

19.504min (+ 0.112) 36.76 ng/ul m

response 7270365

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.20	7.99#
100.00	10.30	5.43#
0.00	0.00	0.00

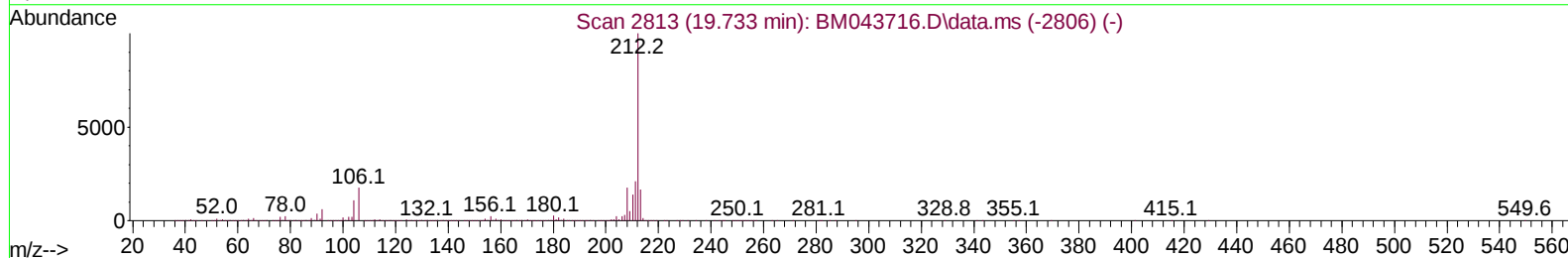
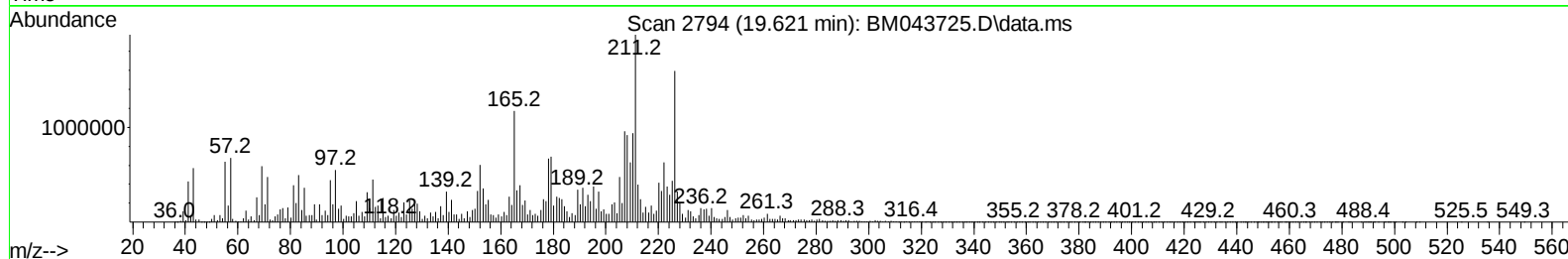
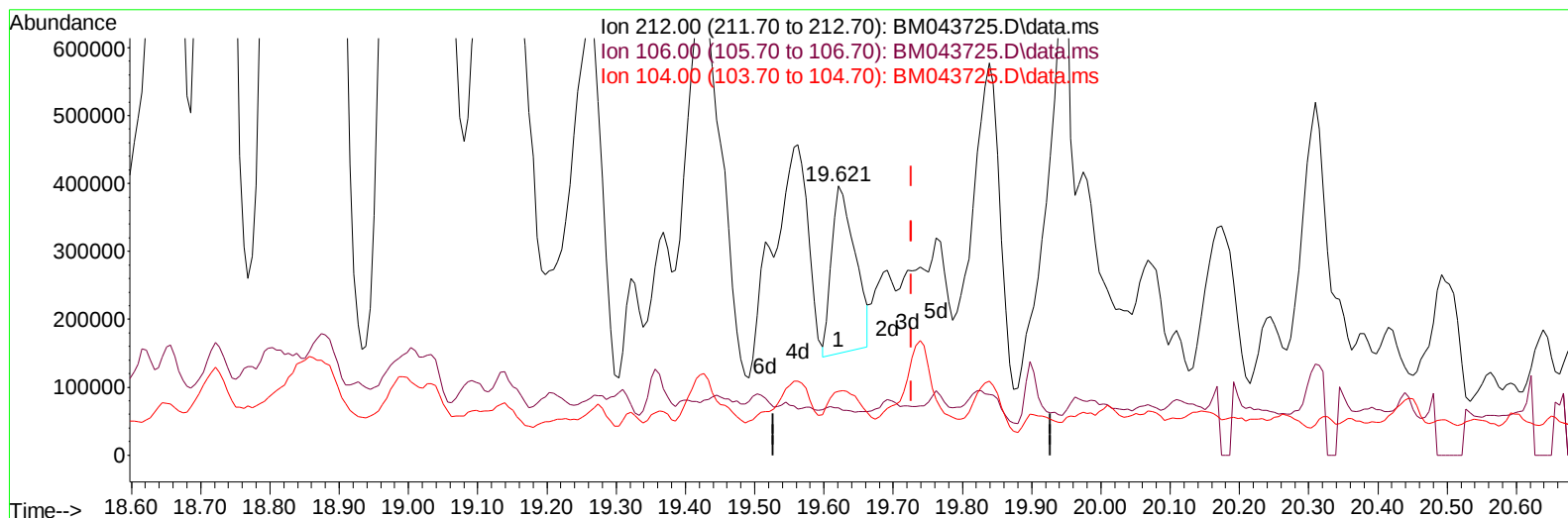
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(81) Pyrene-d10 (S)

19.621min (-0.106) 3.62 ng/u1

response 578450

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	17.52
104.00	12.10	23.67#
0.00	0.00	0.00

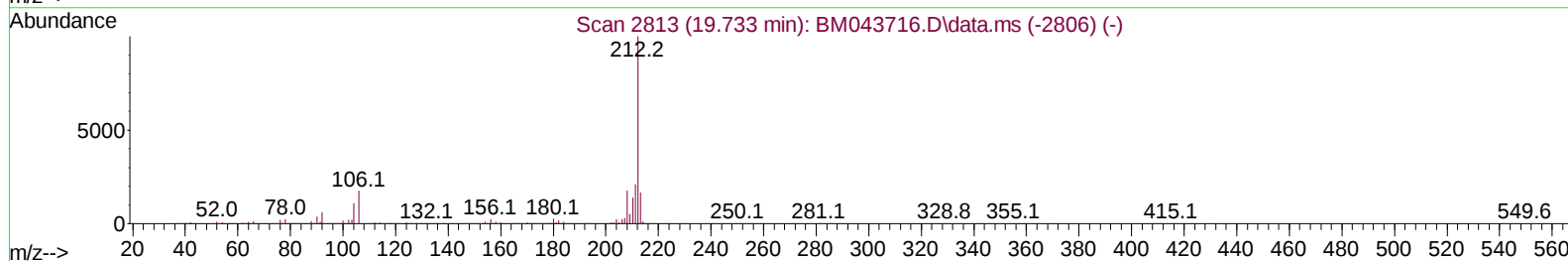
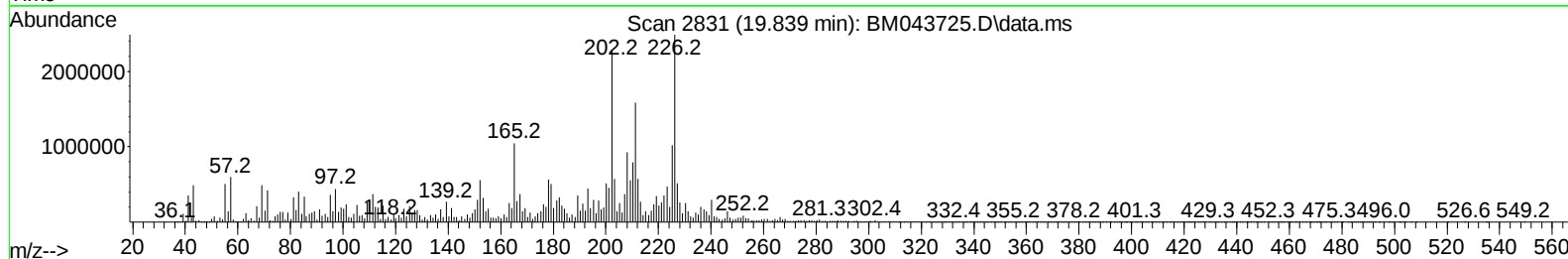
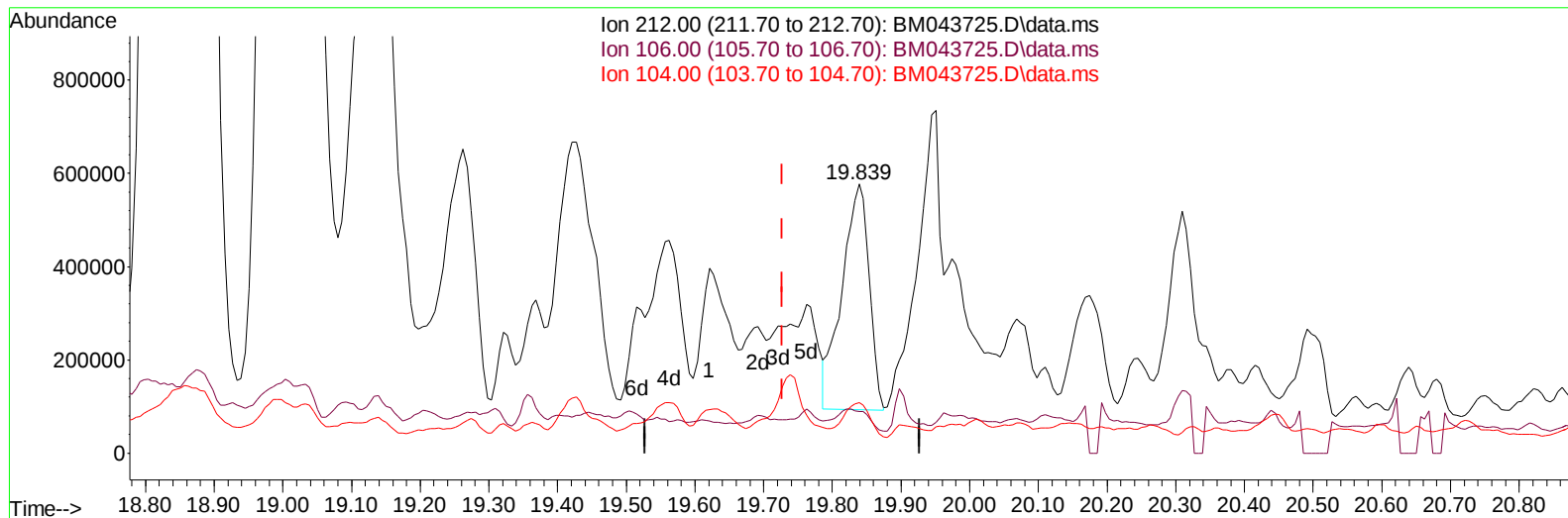
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(81) Pyrene-d10 (S)

19.839min (+ 0.112) 8.32 ng/ul m

response 1329338

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	19.20	15.40
104.00	12.10	18.82#
0.00	0.00	0.00

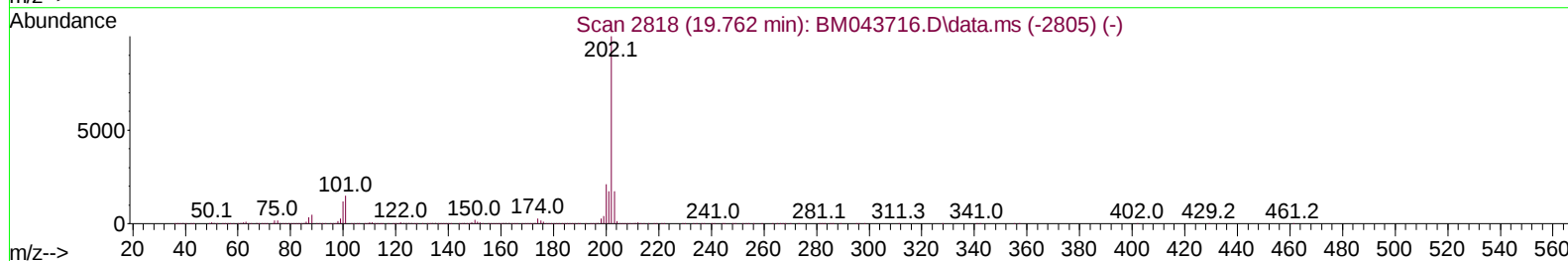
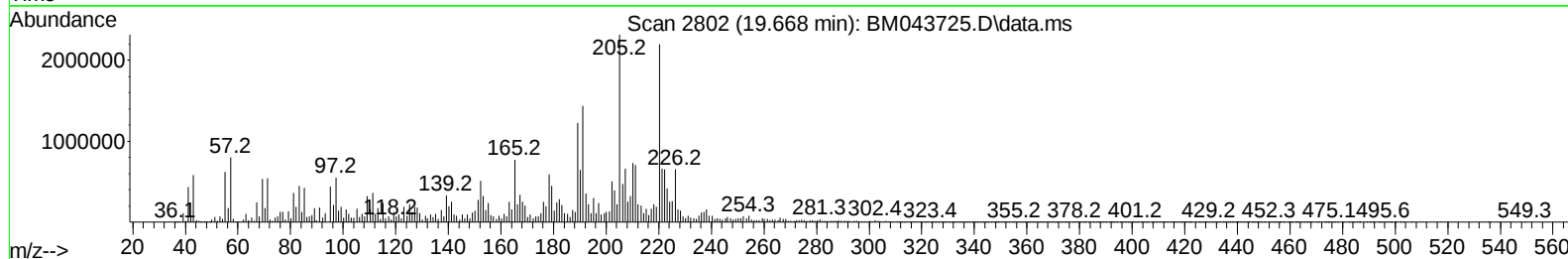
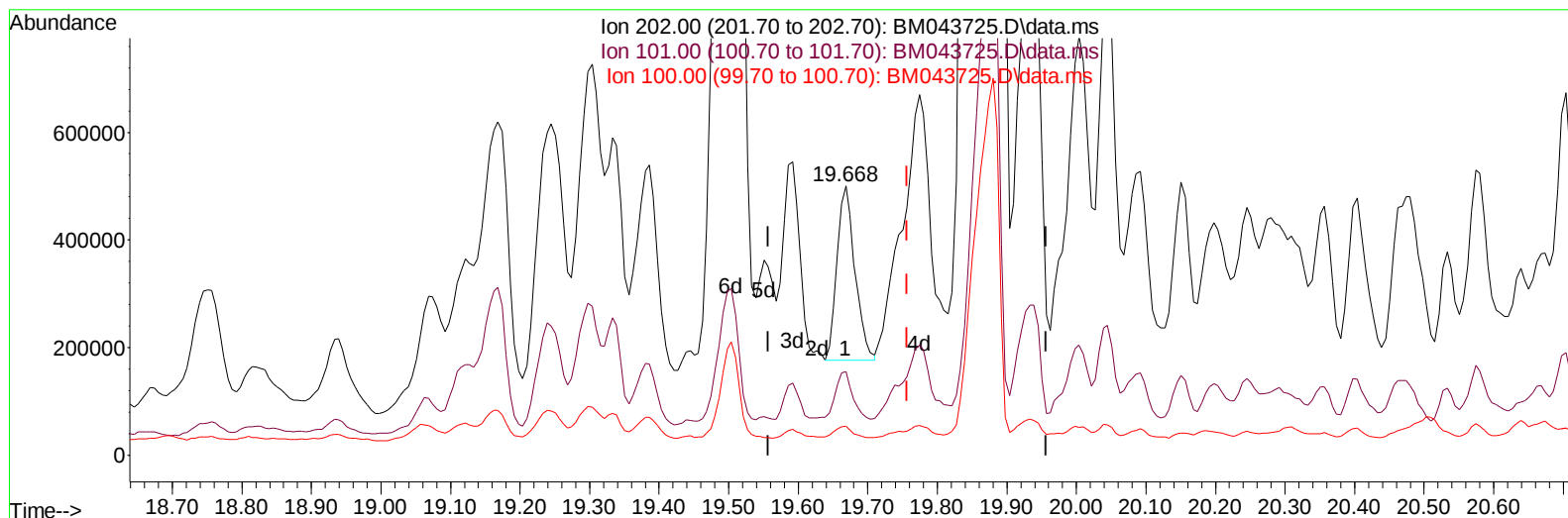
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(82) Pyrene

19.668min (-0.088) 2.86 ng/u1

response 581358

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.90	31.00#
100.00	12.60	10.68
0.00	0.00	0.00

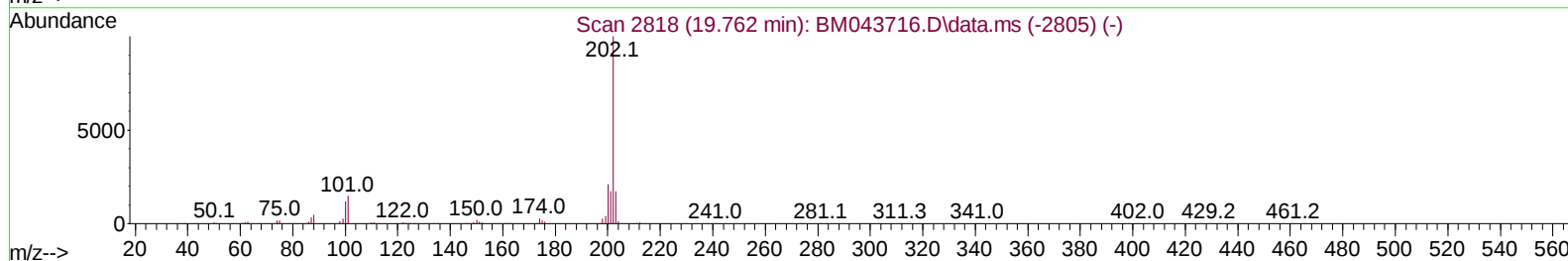
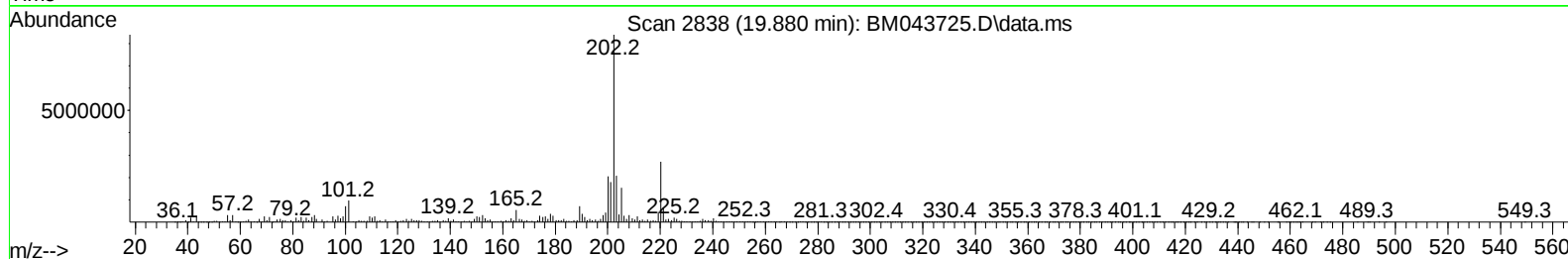
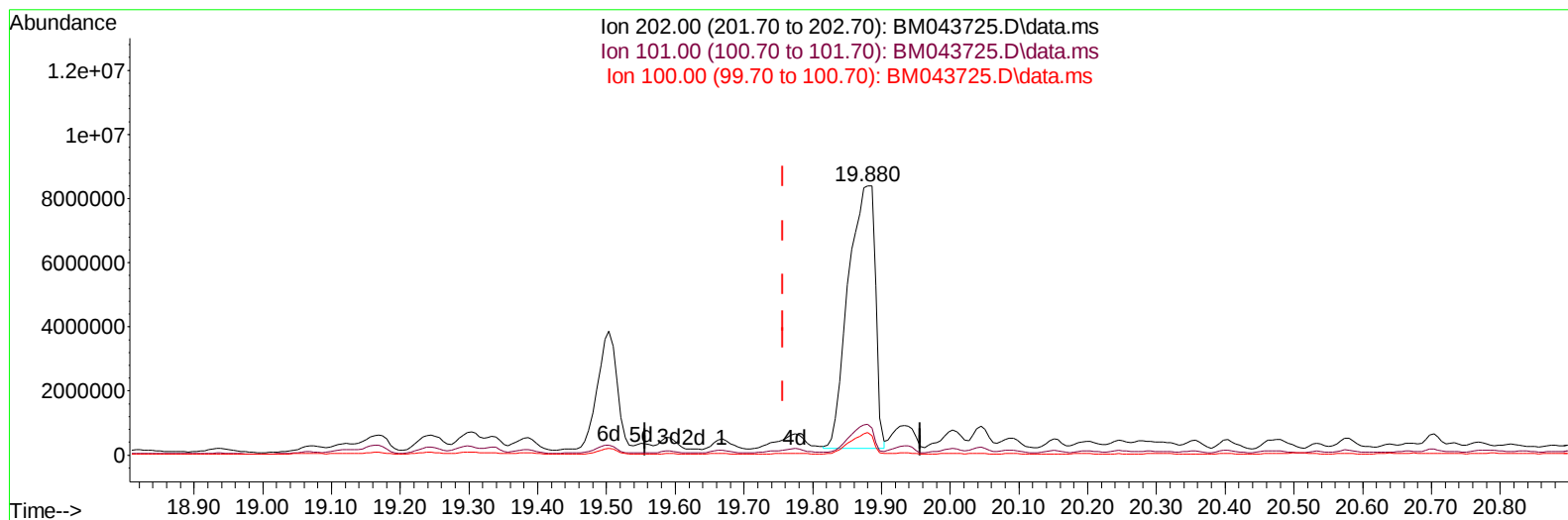
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043725.D
 Acq On : 03 Jan 2024 10:18
 Operator : MA/JU
 Sample : 05952-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(82) Pyrene

19.880min (+ 0.123) 109.57 ng/u1 m

response 22279003

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.90	11.42#
100.00	12.60	8.35#
0.00	0.00	0.00

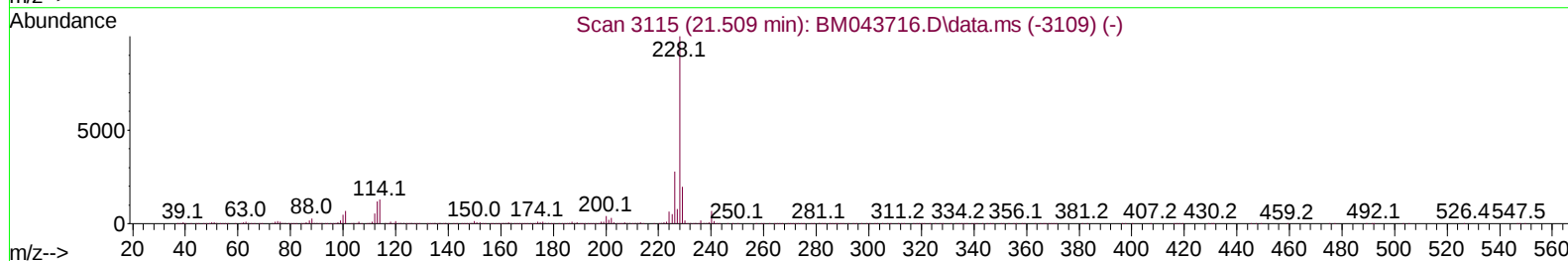
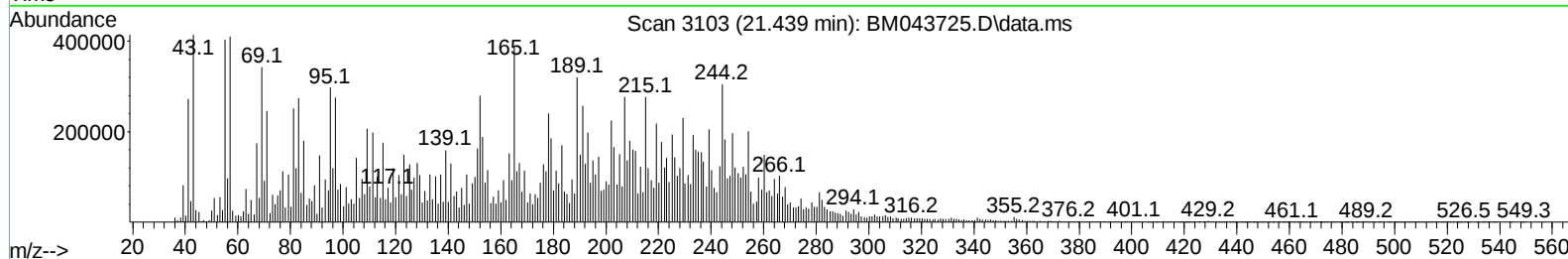
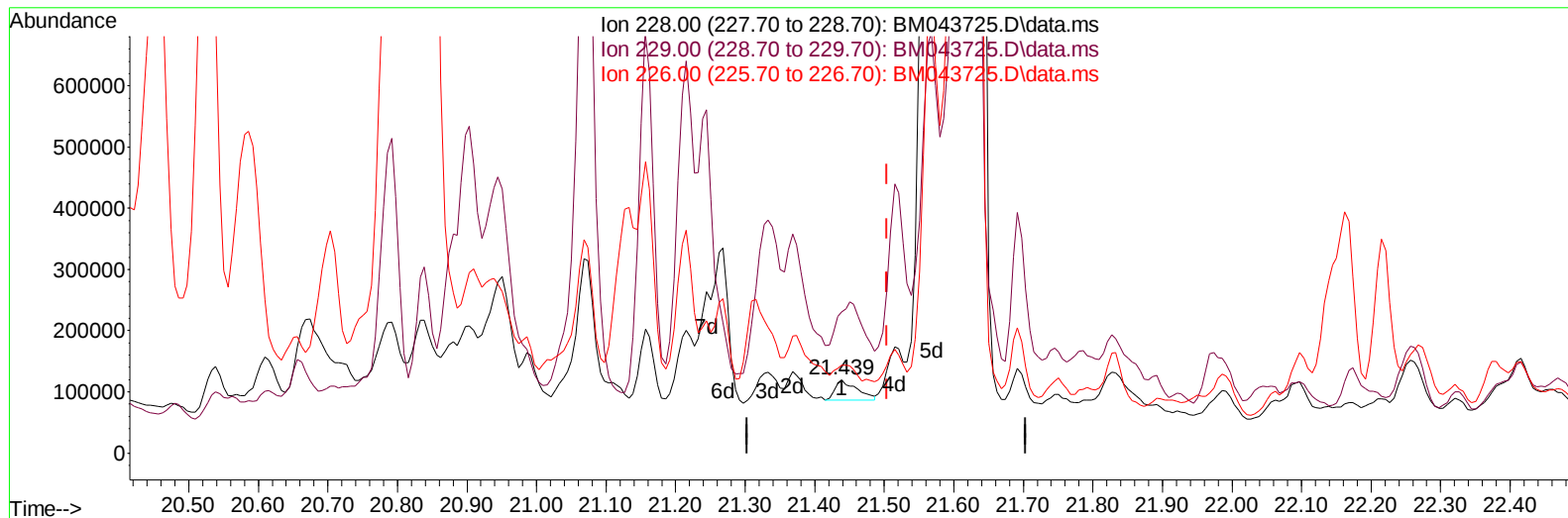
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(85) Benzo(a)anthracene

21.439min (-0.065) 0.41 ng/u1

response 69477

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.50	192.40#
226.00	27.70	119.67#
0.00	0.00	0.00

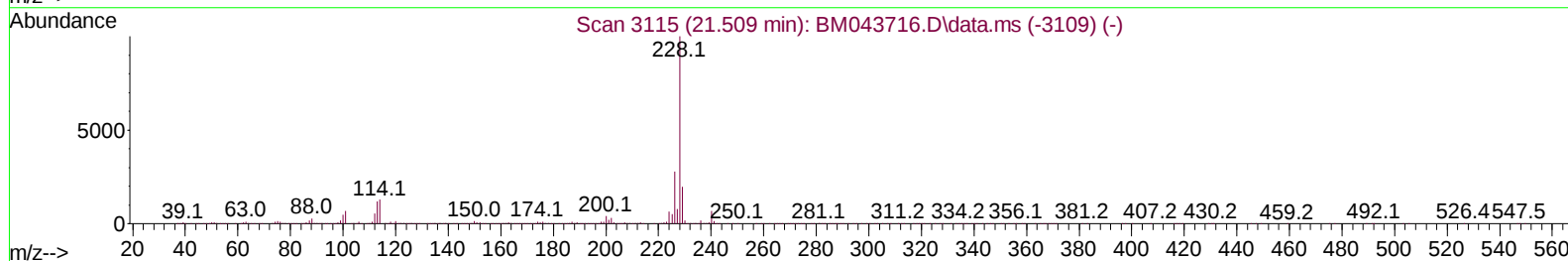
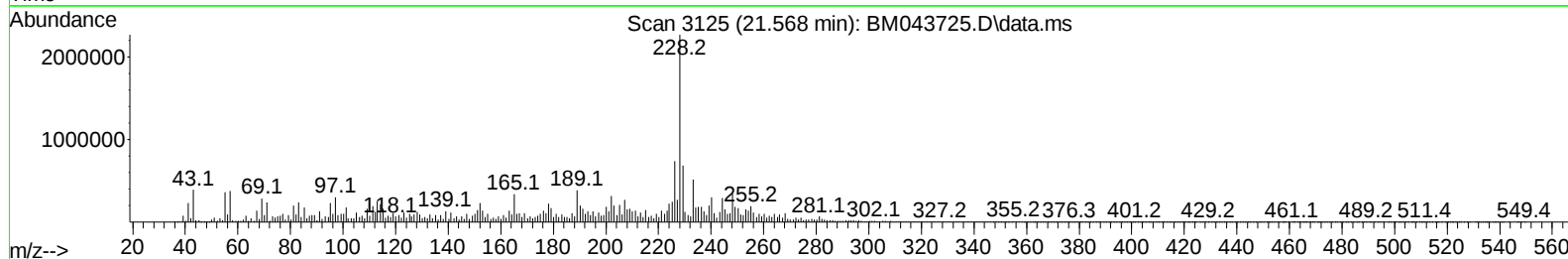
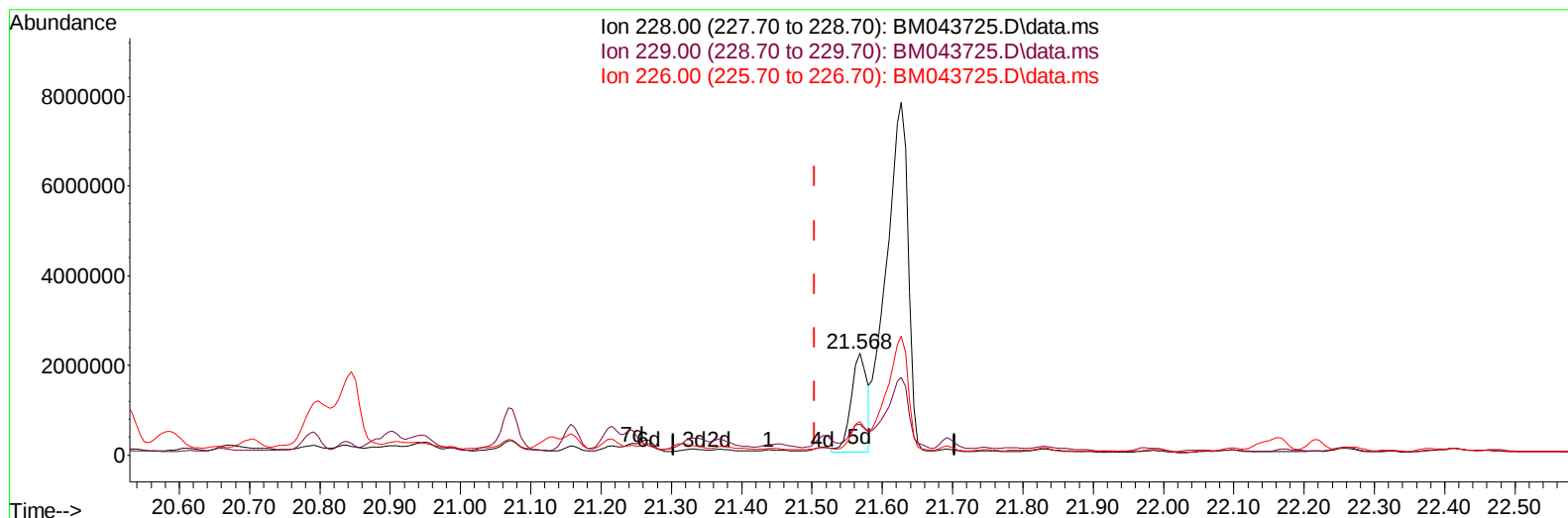
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(85) Benzo(a)anthracene

21.568min (+ 0.065) 20.65 ng/ul m

response 3492877

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.50	30.22#
226.00	27.70	32.73
0.00	0.00	0.00

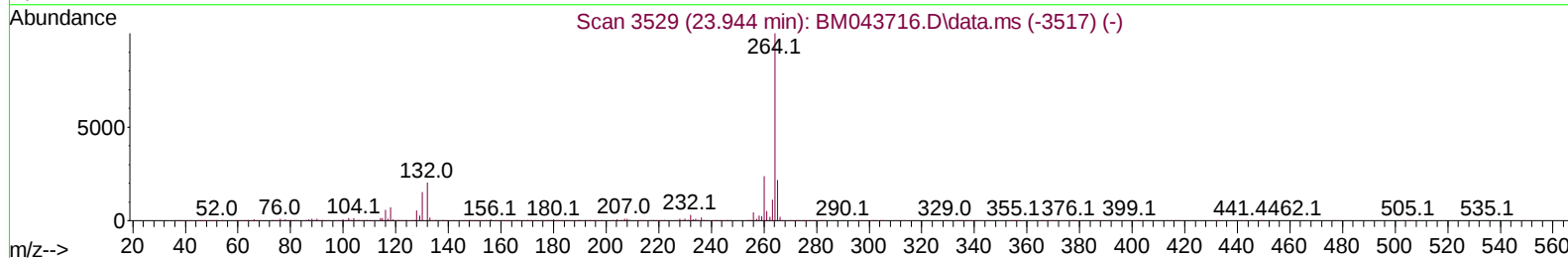
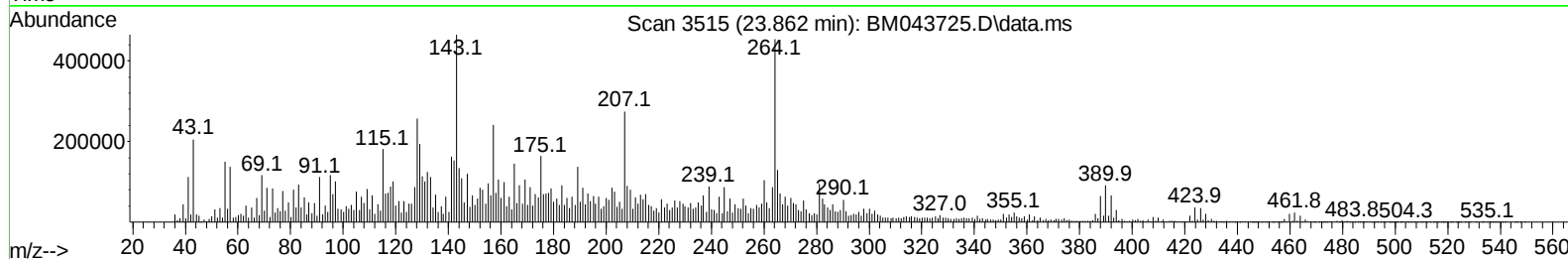
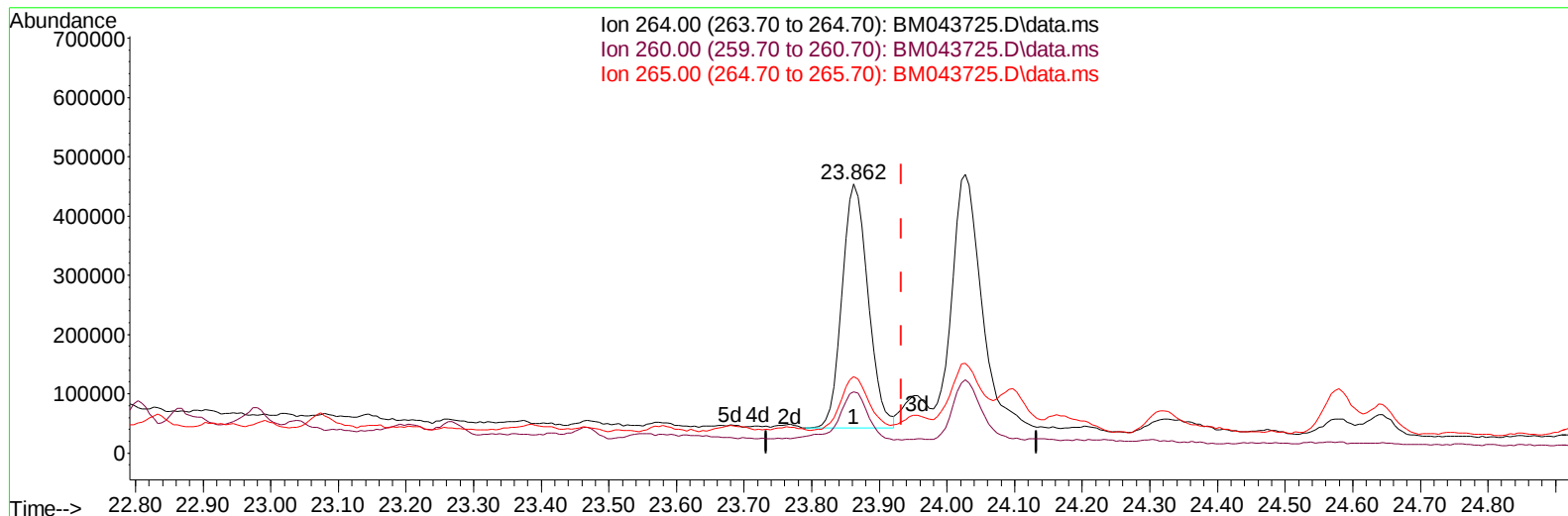
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(88) Perylene-d12 (I)

23.862min (-0.071) 20.00 ng/u1

response 1104603

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.90	22.88
265.00	22.30	28.39#
0.00	0.00	0.00

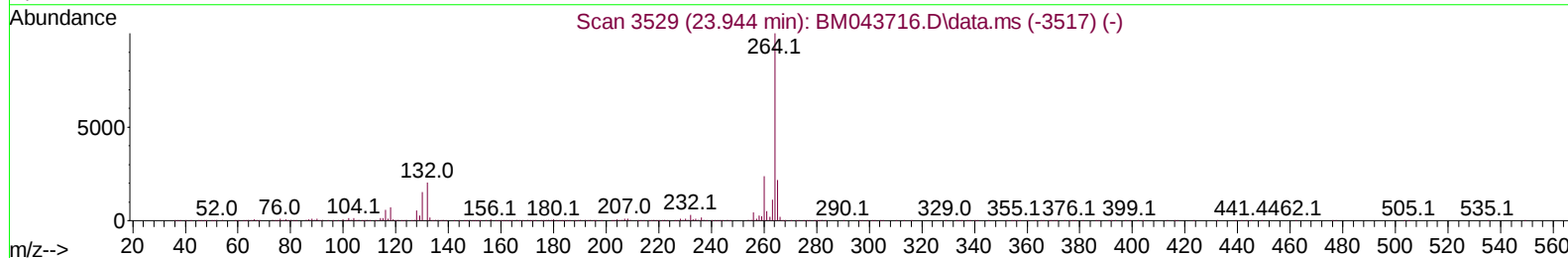
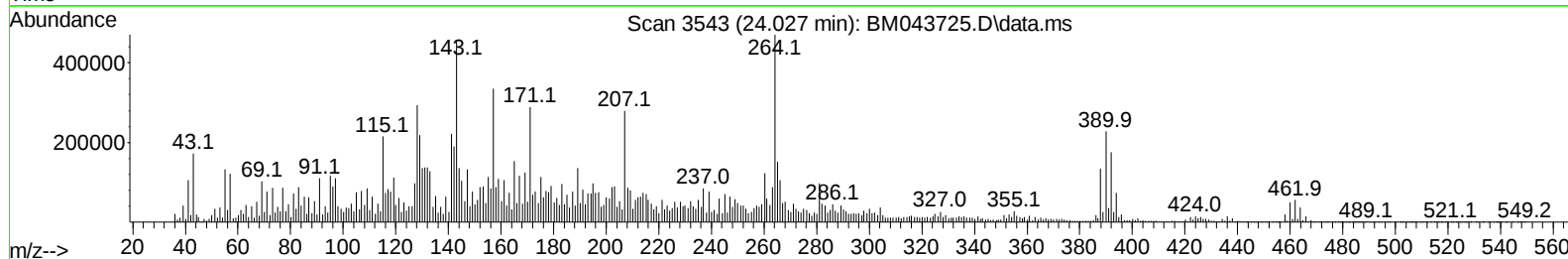
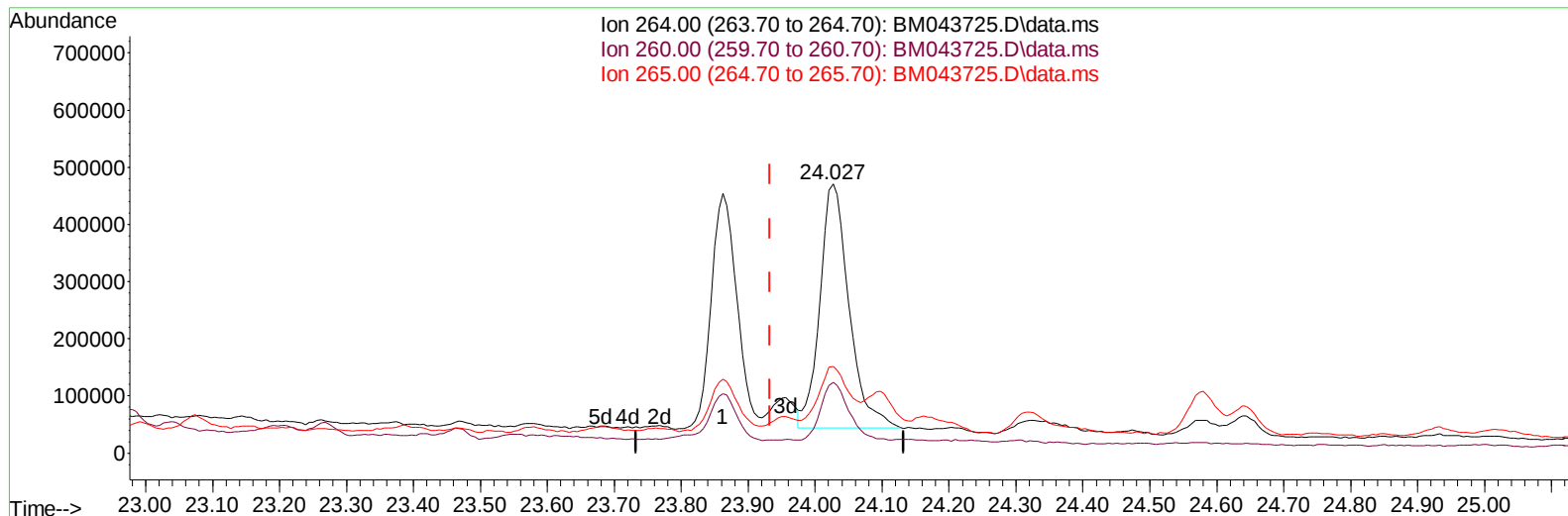
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:36:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(88) Perylene-d12 (I)

24.027min (+ 0.094) 20.00 ng/ul m

response 1290729

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	23.90	26.30
265.00	22.30	32.16#
0.00	0.00	0.00

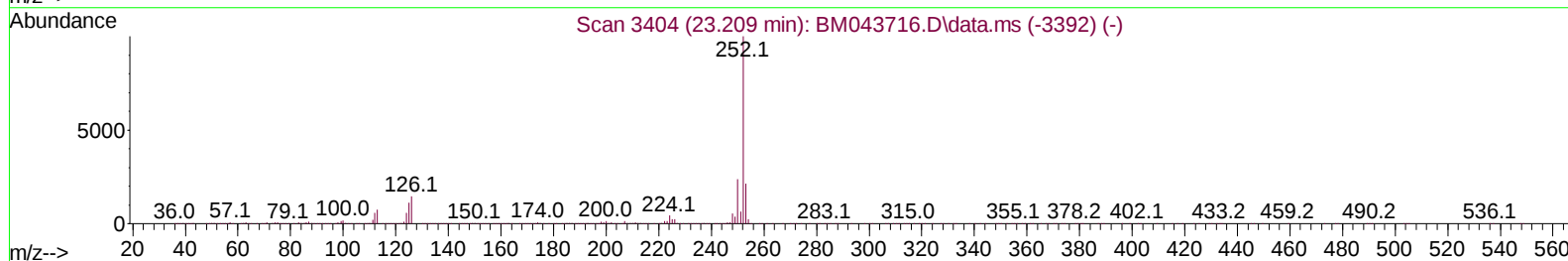
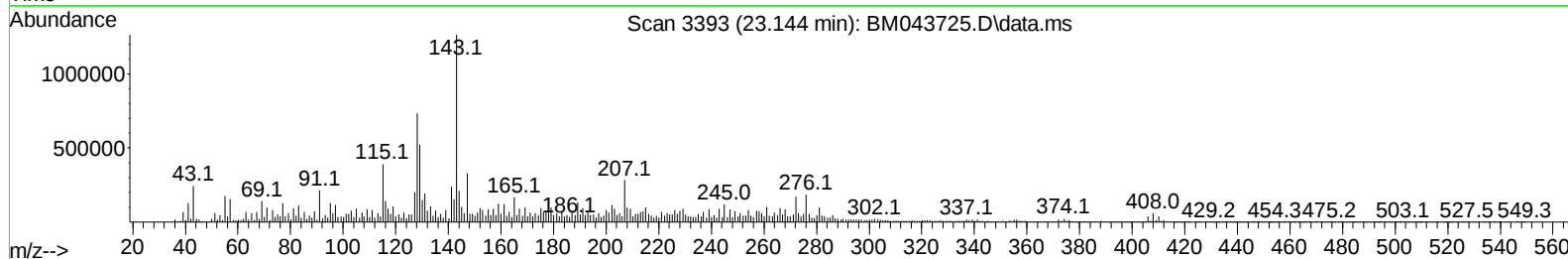
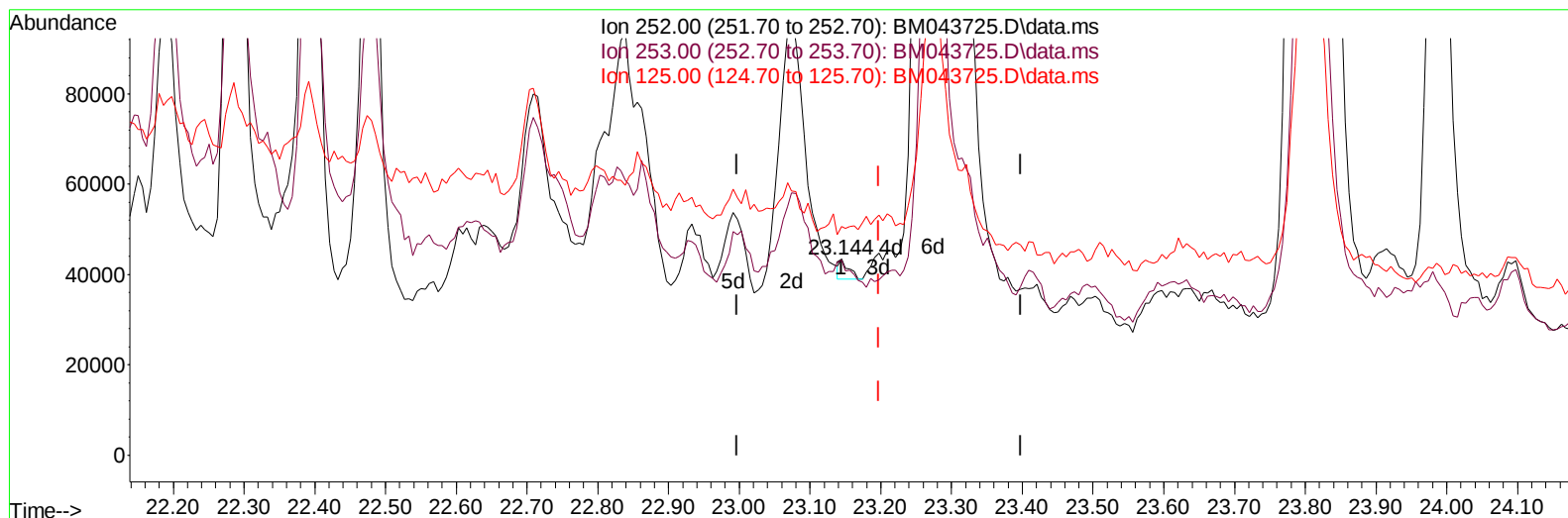
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:39:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(90) Benzo(b)fluoranthene

23.144min (-0.053) 0.04 ng/u1

response 3756

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	99.58#
125.00	13.00	116.73#
0.00	0.00	0.00

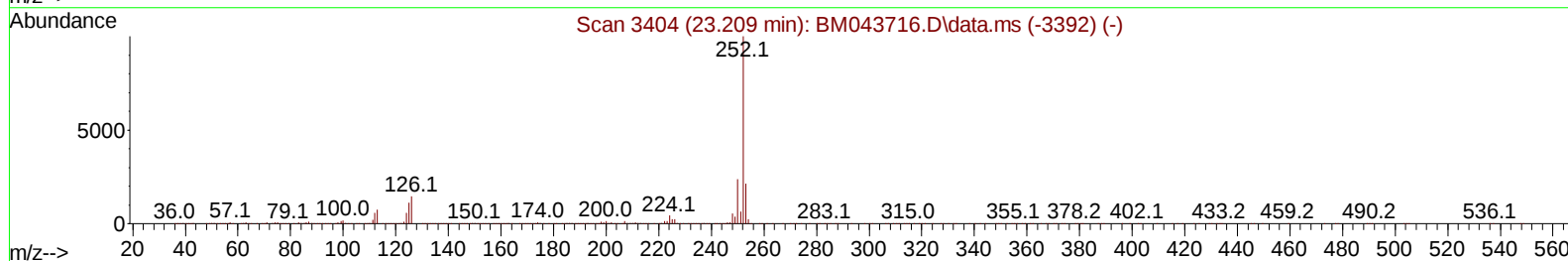
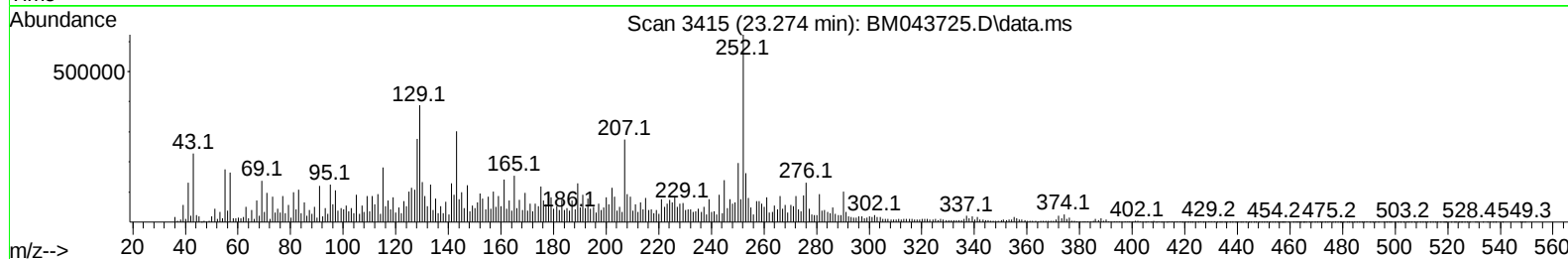
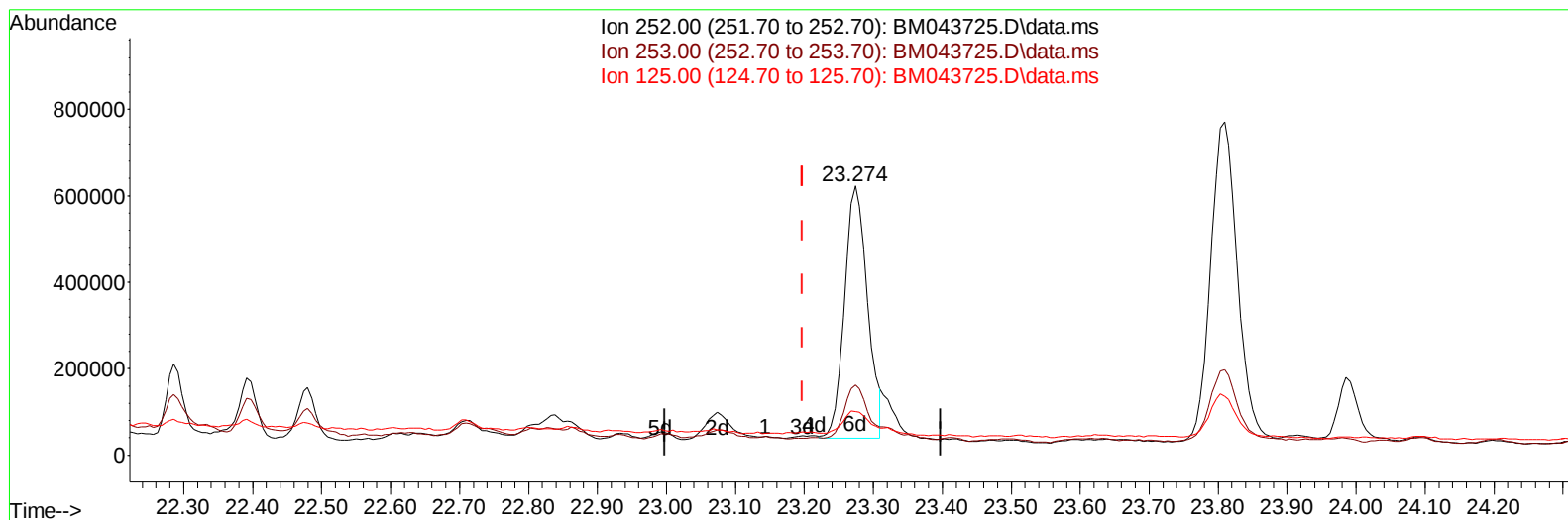
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 23:44:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(90) Benzo(b)fluoranthene

23.274min (+ 0.076) 13.75 ng/ul m

response 1360341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	26.13
125.00	13.00	16.22#
0.00	0.00	0.00

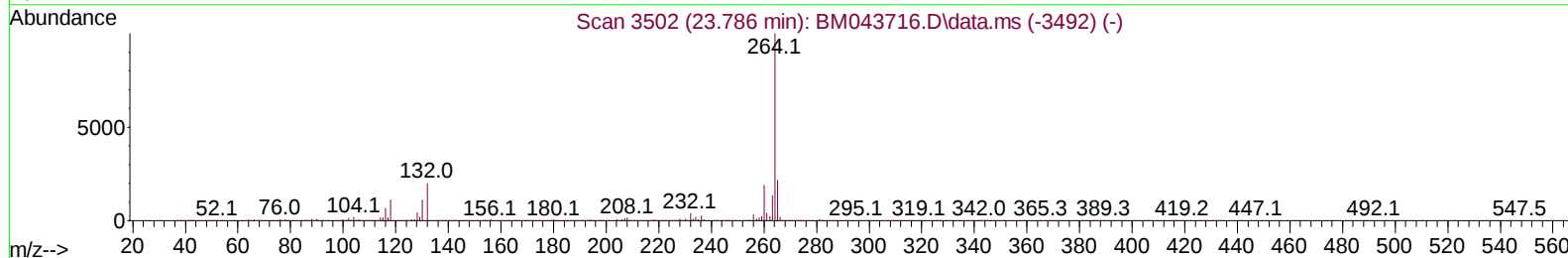
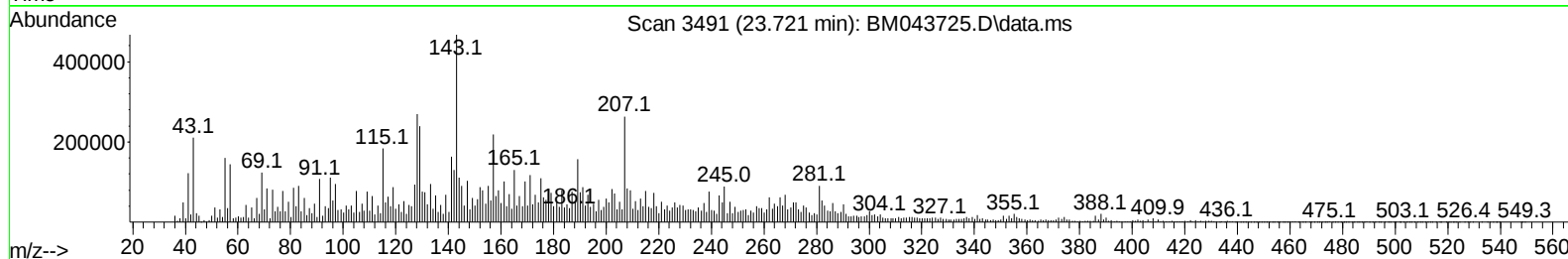
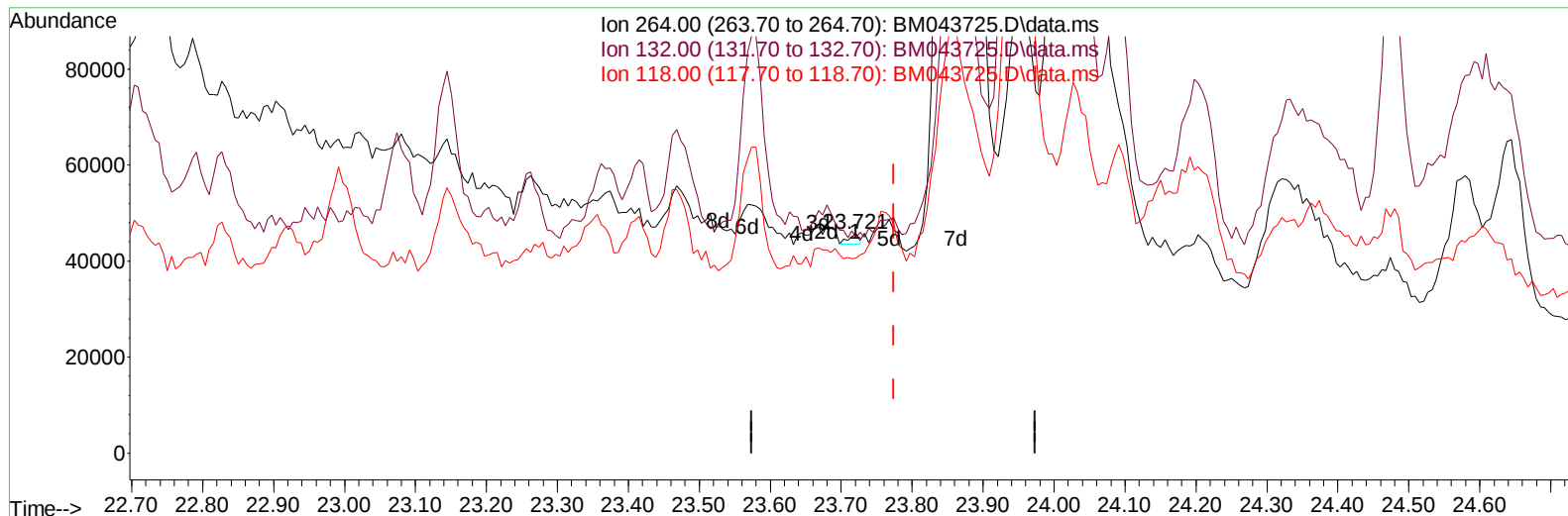
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:39:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.721min (-0.053) 0.03 ng/u1

response 2233

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	98.37#
118.00	11.60	88.87#
0.00	0.00	0.00

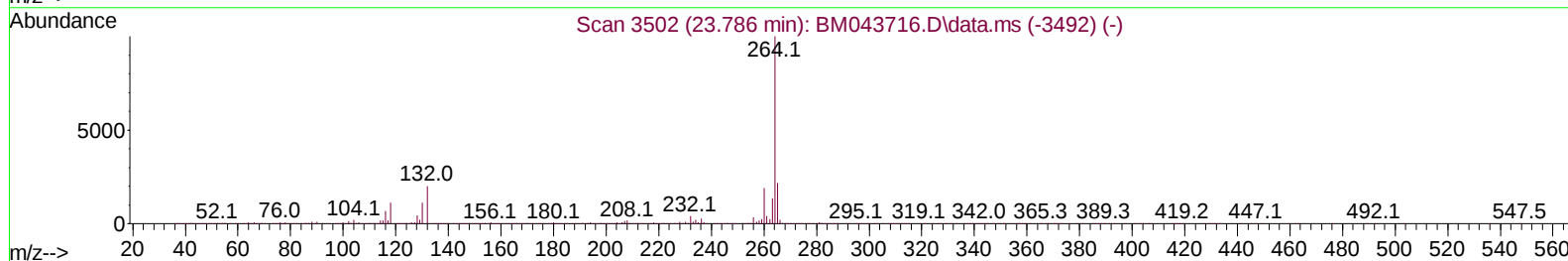
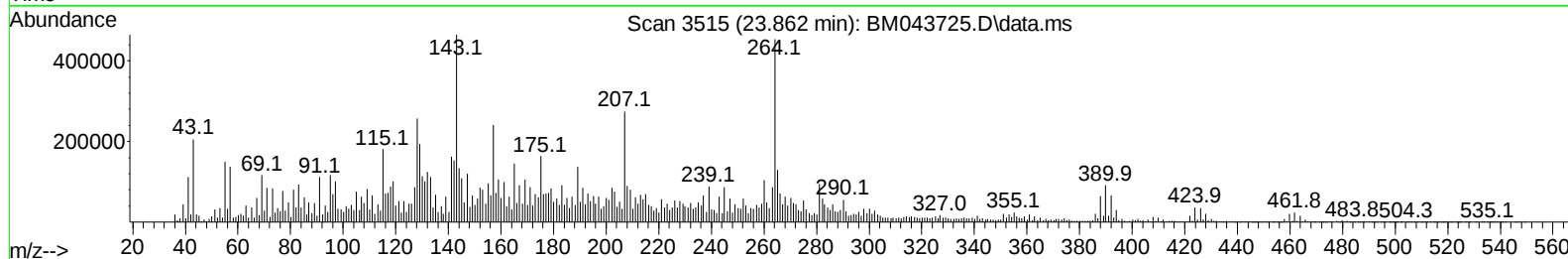
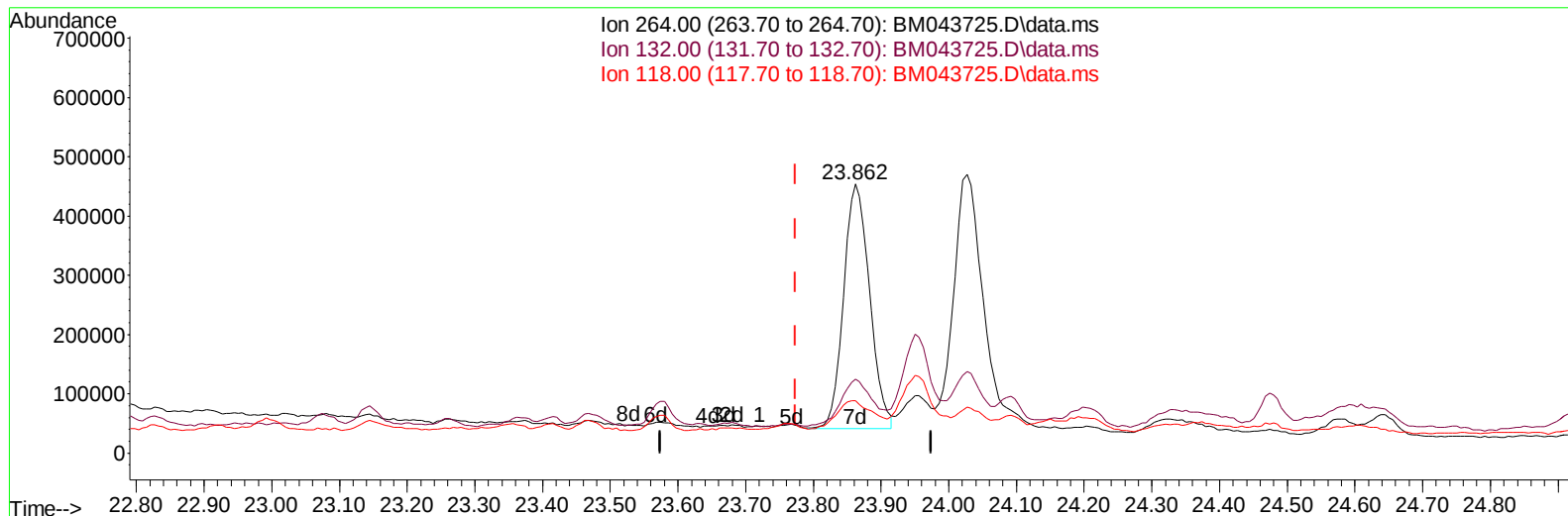
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 11:39:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043725.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.862min (+ 0.088) 13.81 ng/ul m

response 1099978

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	27.45#
118.00	11.60	19.38#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043725.D
 Acq On : 03 Jan 2024 10:18
 Operator : MA/JU
 Sample : 05952-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF97

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 23:48:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	223367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	920068	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	687269	20.000	ng/ul	# 0.02
64) Phenanthrene-d10	17.486	188	586147m	20.000	ng/ul	0.15
79) Chrysene-d12	21.586	240	2022965m	20.000	ng/ul	0.06
88) Perylene-d12	24.027	264	1290729m	20.000	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	13187	1.919	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.140	99	313203	12.326	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	198481	12.334	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	256672	13.230	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	245792	12.466	ng/ul	0.02
21) Nitrobenzene-d5	9.134	128	130648	14.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	144995	15.764	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	237967	14.656	ng/ul	0.02
31) 4-Chloroaniline-d4	10.939	131	16595	0.695	ng/ul	0.03
46) Dimethylphthalate-d6	14.027	166	783604	12.666	ng/ul	0.01
49) Acenaphthylene-d8	14.304	160	813896	11.090	ng/ul	0.02
54) 4-Nitrophenol-d4	14.857	143	118104	10.086	ng/ul	0.06
60) Fluorene-d10	15.621	176	863745m	16.883	ng/ul	0.04
65) 4,6-Dinitro-2-methylph...	15.780	200	103935m	26.811	ng/ul	0.07
73) Anthracene-d10	17.574	188	754281m	22.946	ng/ul	0.14
81) Pyrene-d10	19.839	212	1329338m	8.323	ng/ul	0.11
92) Benzo(a)pyrene-d12	23.862	264	1099978m	13.810	ng/ul	0.09
Target Compounds						
					Qvalue	
16) Acetophenone	8.804	105	45990	1.523	ng/ul#	94
36) 2-Methylnaphthalene	12.433	142	41600	1.042	ng/ul	87
37) 1-Methylnaphthalene	12.651	142	56906	1.413	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.127	196	34604	2.189	ng/ul	87
50) Acenaphthylene	14.339	152	384895	4.567	ng/ul#	36
58) 2,3,4,6-Tetrachlorophenol	15.263	232	8576062	708.243	ng/ul#	77
71) Pentachlorophenol	17.068	266	30850587m	6414.308	ng/ul	
80) Fluoranthene	19.504	202	7270365m	36.760	ng/ul	
82) Pyrene	19.880	202	22279003m	109.572	ng/ul	
85) Benzo(a)anthracene	21.568	228	3492877m	20.648	ng/ul	
87) Chrysene	21.627	228	16163379	106.212	ng/ul	94
90) Benzo(b)fluoranthene	23.274	252	1360341m	13.753	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043725.D
Acq On : 03 Jan 2024 10:18
Operator : MA/JU
Sample : 05952-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF97

Manual IntegrationsAPPROVED

Quant Time: Jan 03 23:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

