

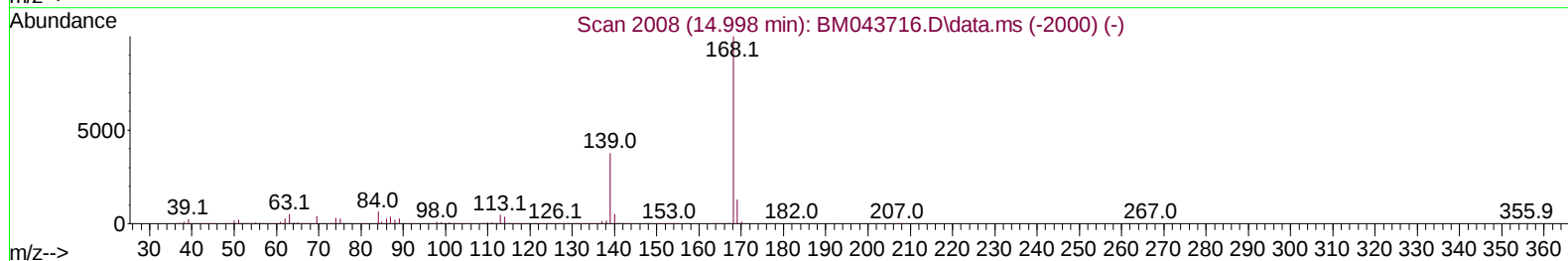
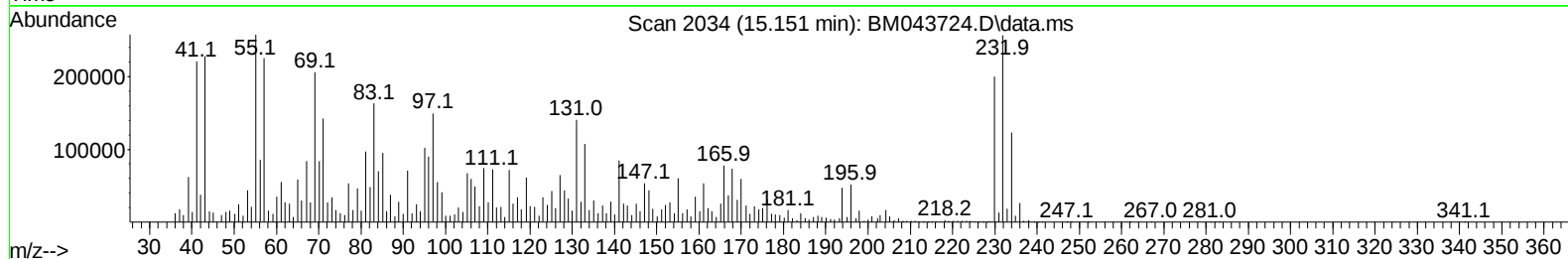
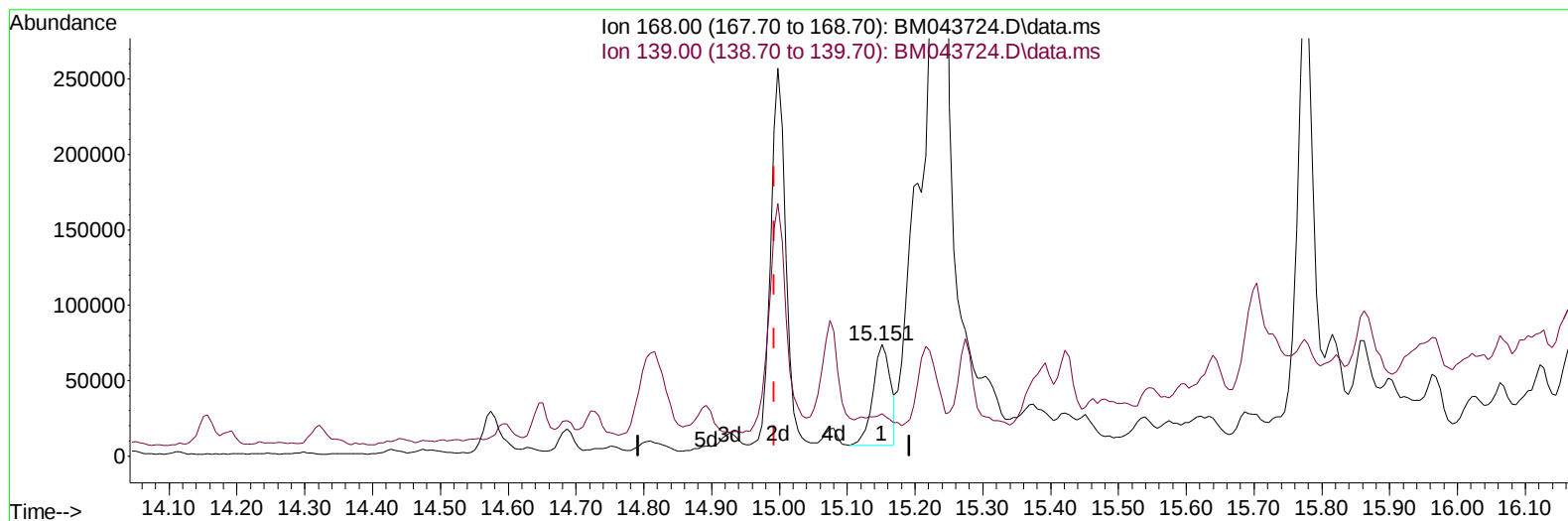
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:14:03 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: BM043724.D\data.ms

(56) Dibenzofuran

15.151min (+ 0.159) 2.01 ng/u1

response 121124

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	39.80	38.26
0.00	0.00	0.00
0.00	0.00	0.00

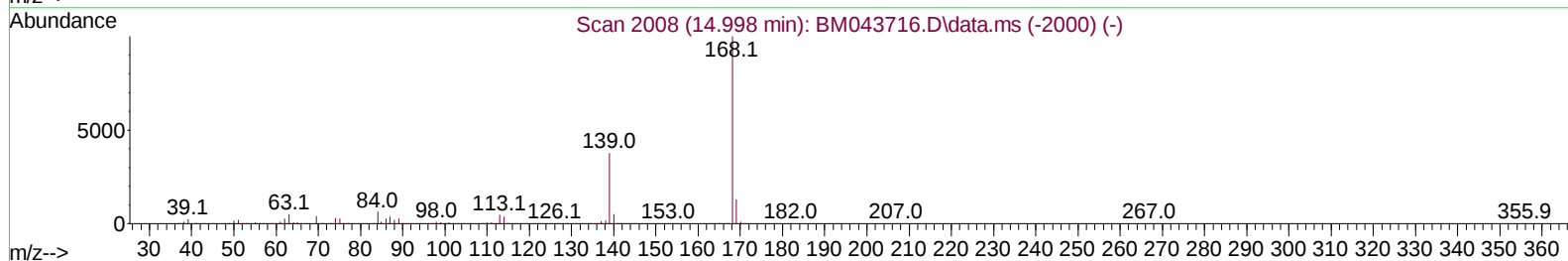
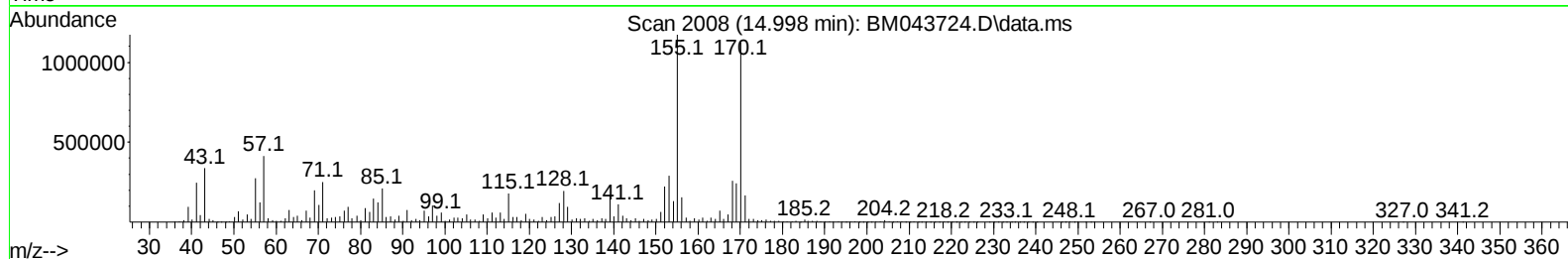
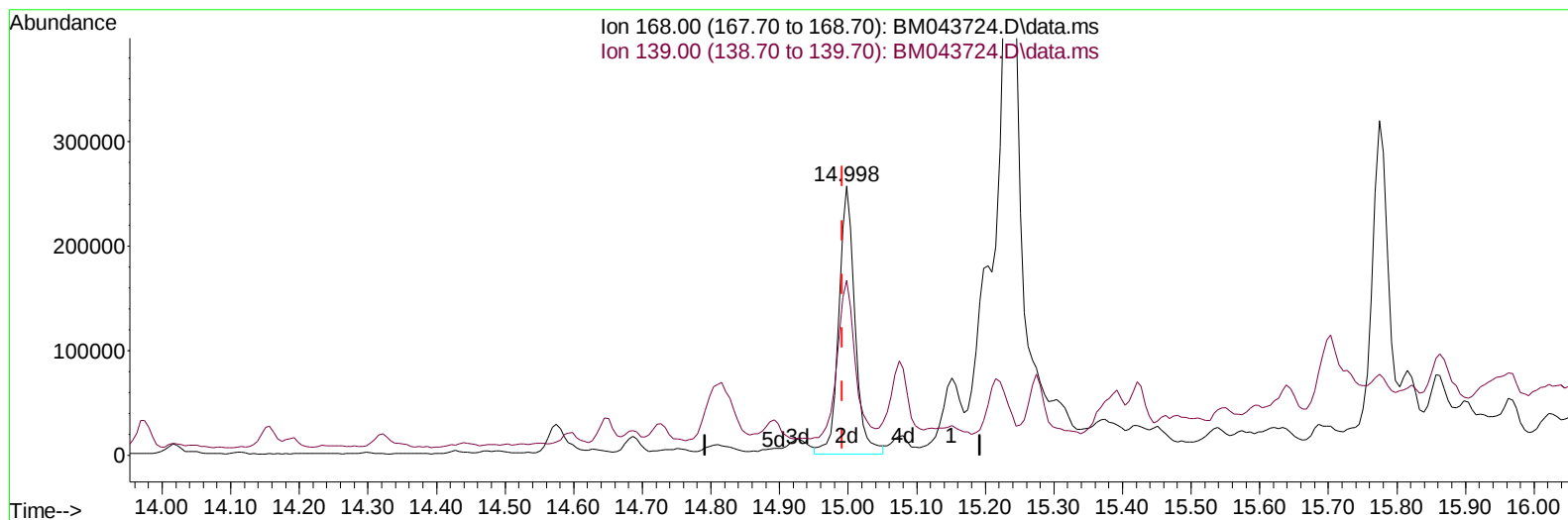
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:14:03 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: BM043724.D\data.ms

(56) Dibenzofuran

14.998min (+ 0.006) 6.96 ng/ul m

response 418520

Ion	Exp%	Act%
168.00	100.00	100.00
139.00	39.80	65.07#
0.00	0.00	0.00
0.00	0.00	0.00

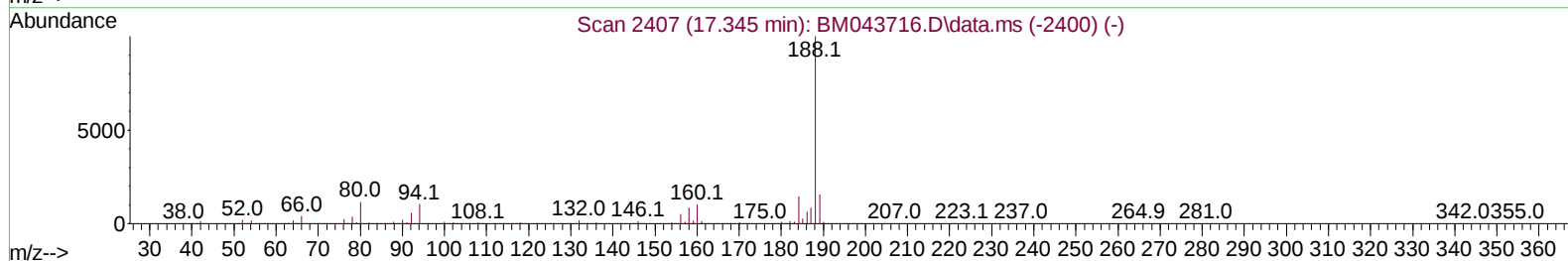
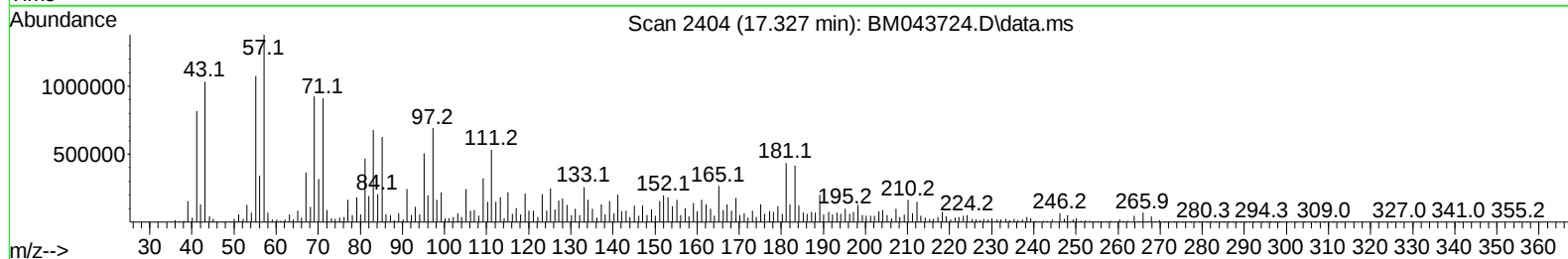
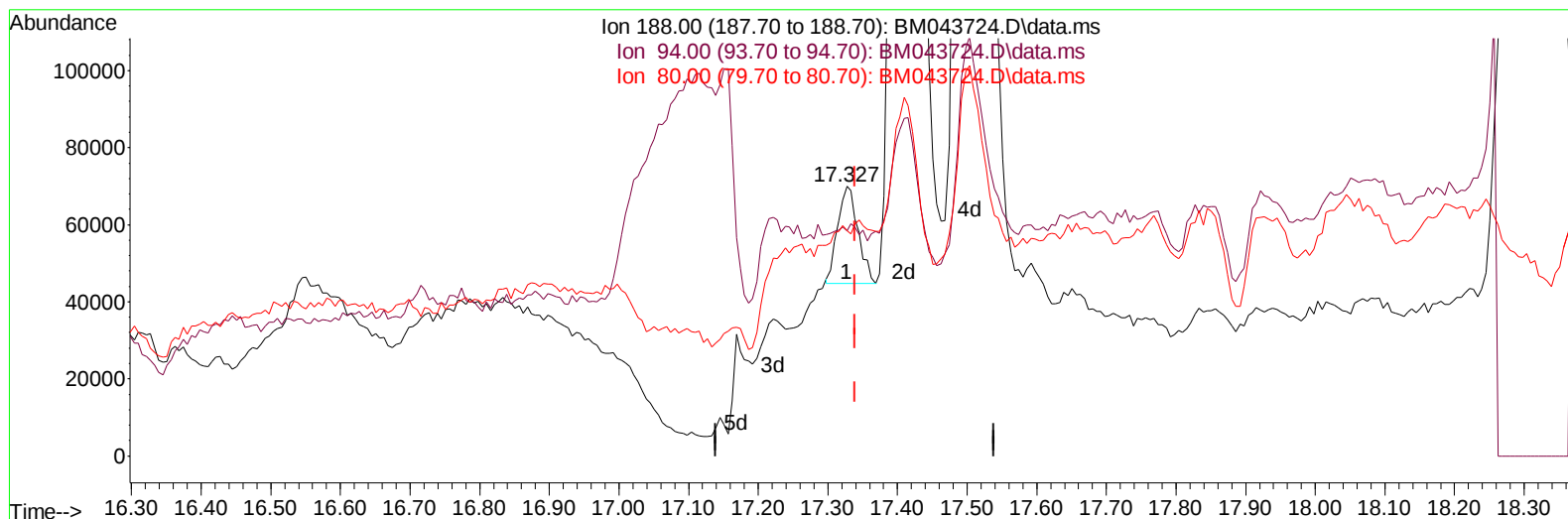
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:17:48 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: BM043724.D\data.ms

(64) Phenanthrene-d10 (I)

17.327min (-0.012) 20.00 ng/u1

response 51001

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	83.53#
80.00	13.20	83.56#
0.00	0.00	0.00

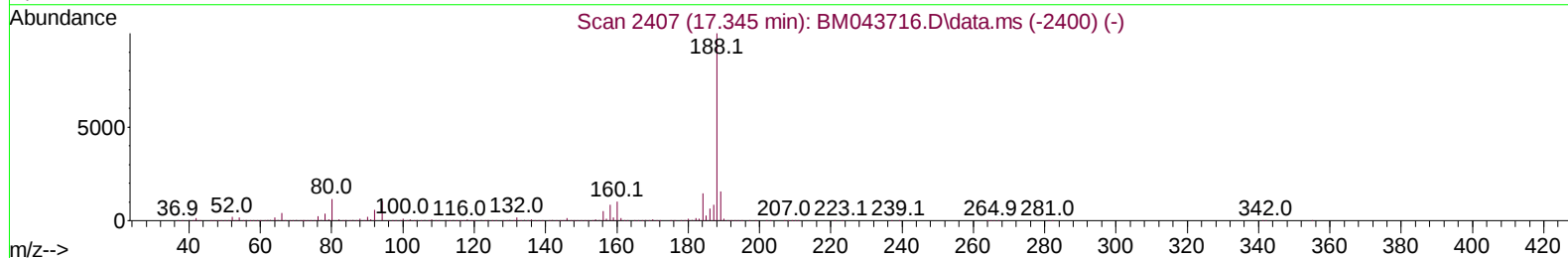
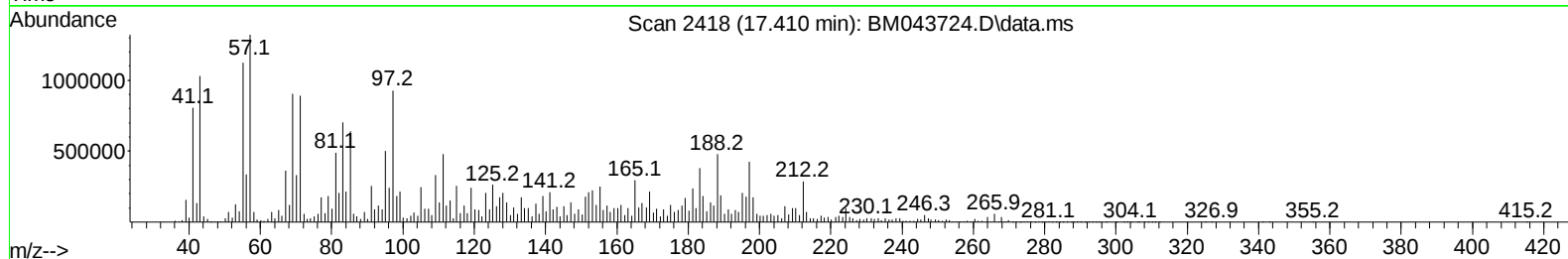
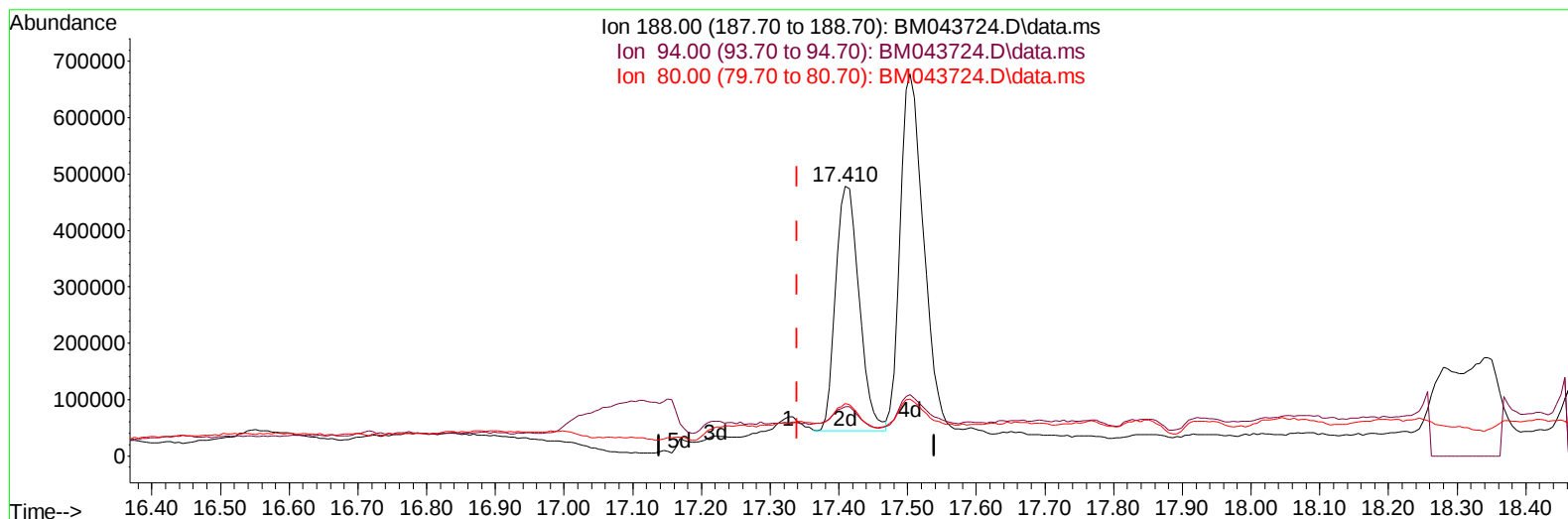
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:17:48 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: BM043724.D\data.ms

(64) Phenanthrene-d10 (I)

17.410min (+ 0.070) 20.00 ng/ul m

response 1037392

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.90	18.33#
80.00	13.20	19.48#
0.00	0.00	0.00

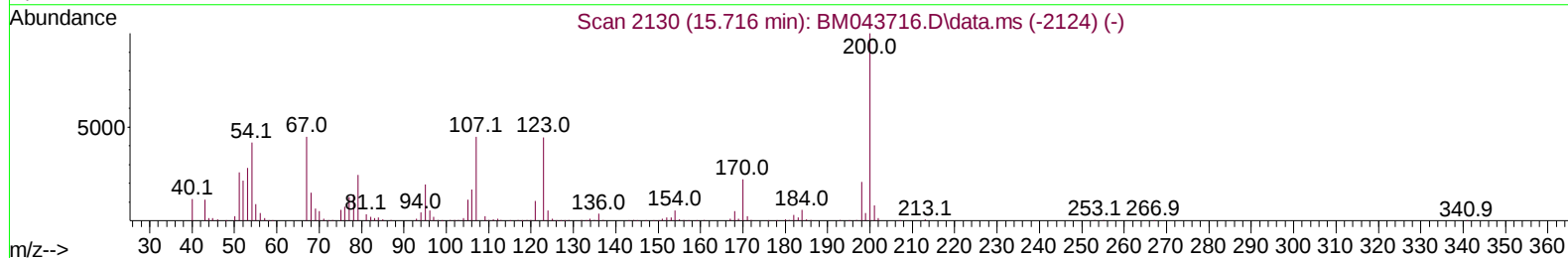
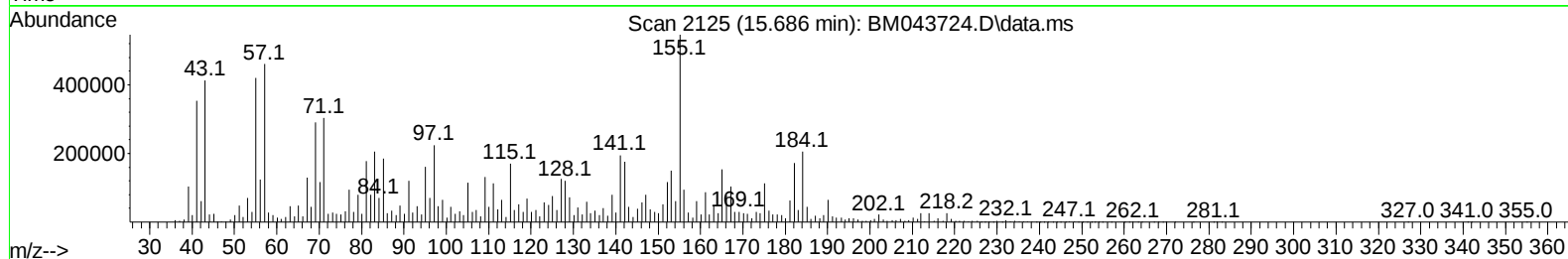
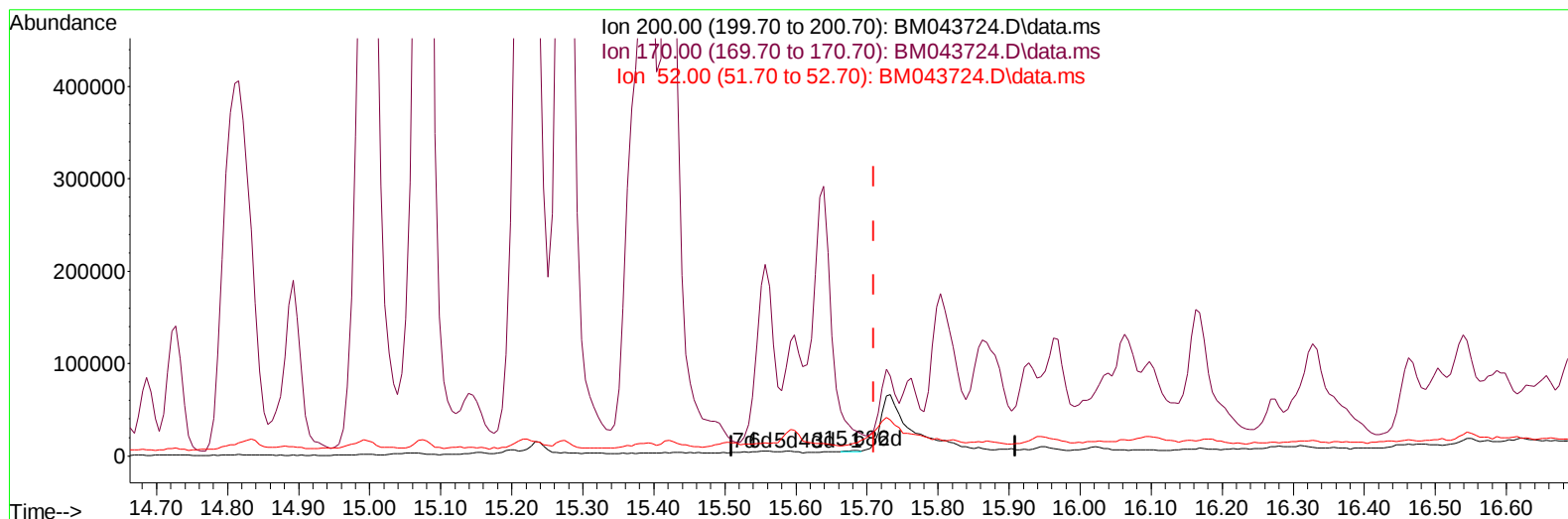
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

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

15.686min (-0.024) 0.31 ng/u1

response 2161

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	451.44#
52.00	58.30	243.20#
0.00	0.00	0.00

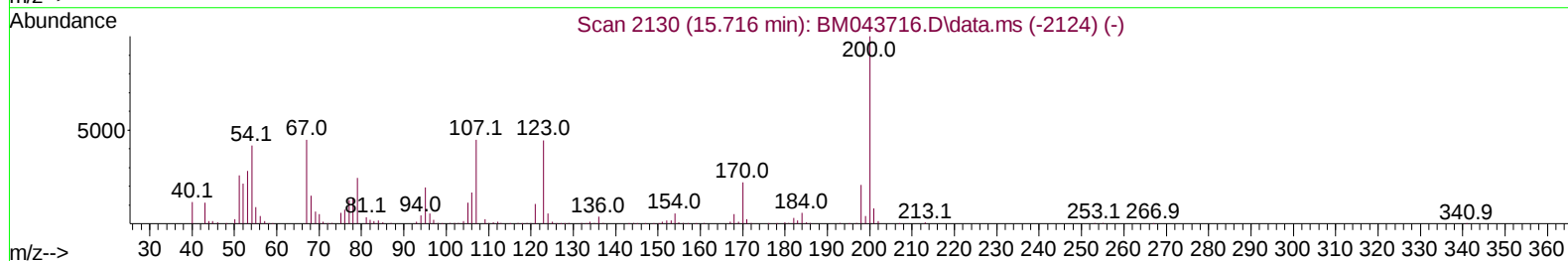
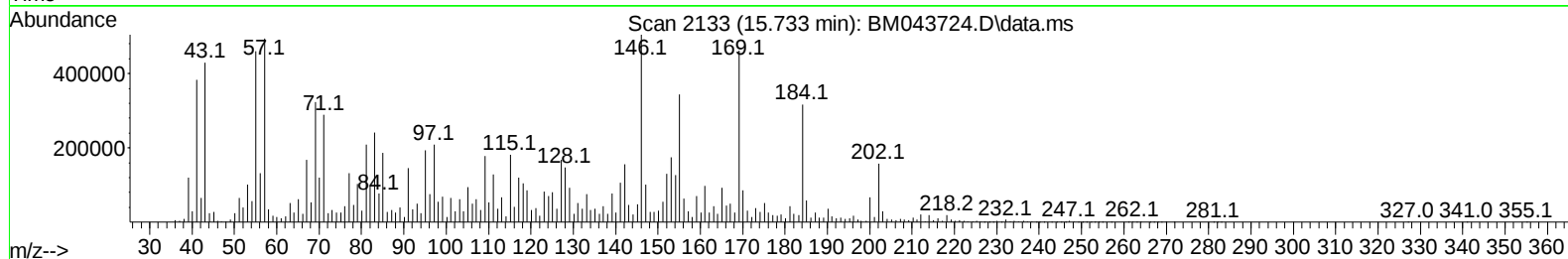
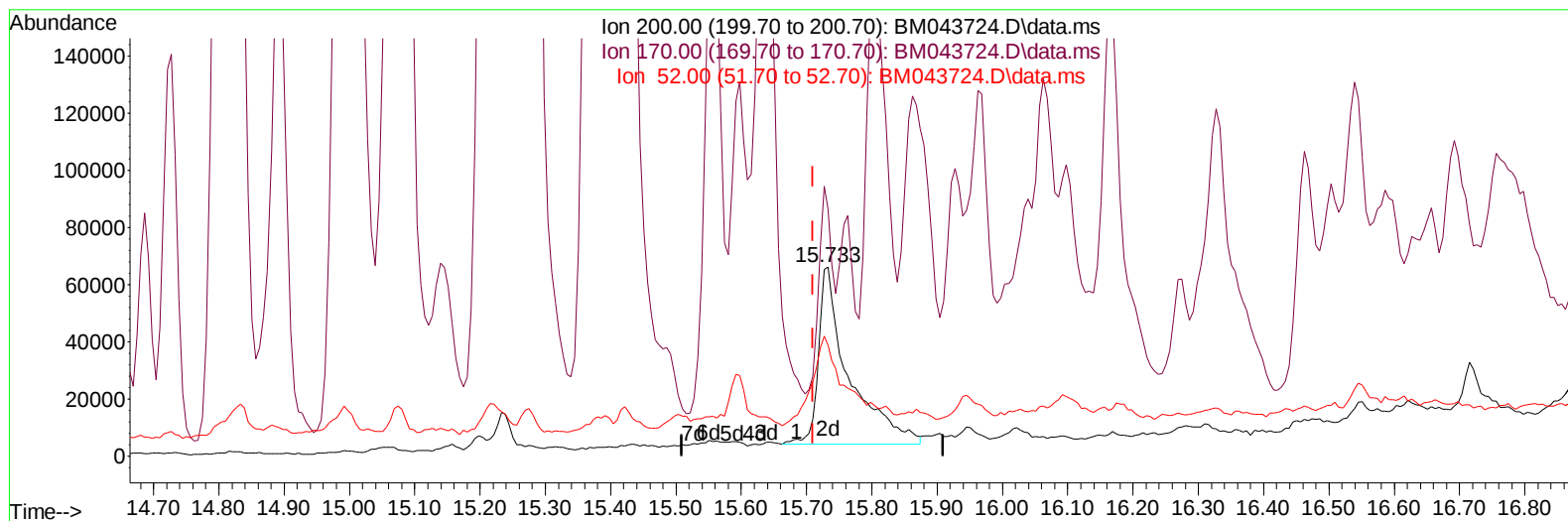
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

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

15.733min (+ 0.023) 29.40 ng/ul m

response 201692

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	130.46#
52.00	58.30	58.44
0.00	0.00	0.00

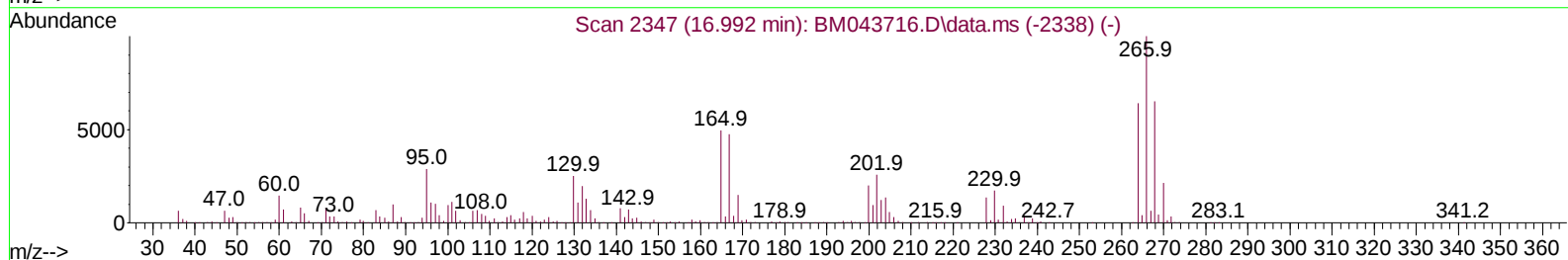
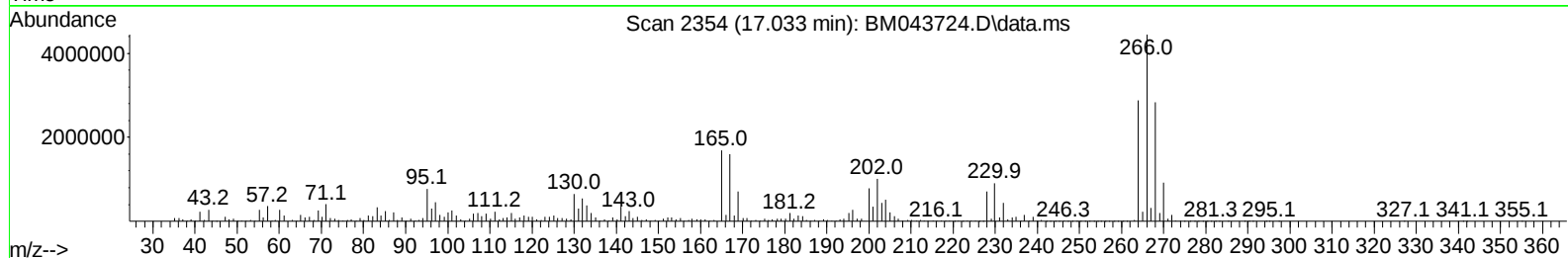
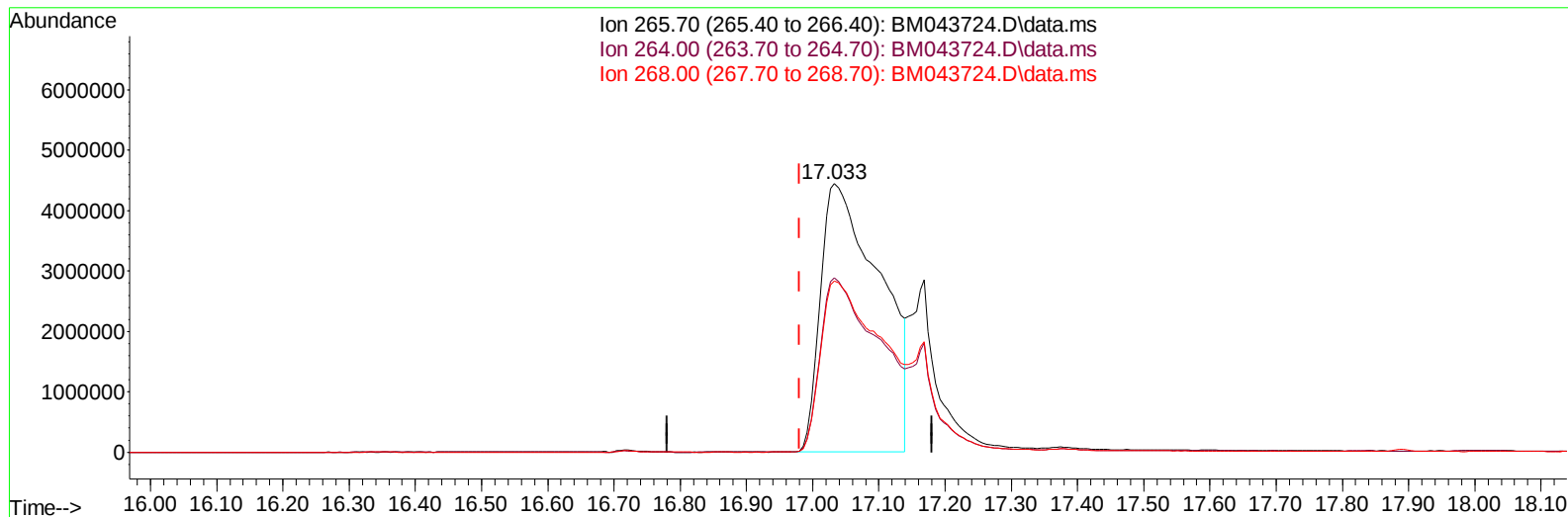
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(71) Pentachlorophenol (C)

17.033min (+ 0.053) 3251.38 ng/u1

response 27676938

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	64.91
268.00	63.80	63.89
0.00	0.00	0.00

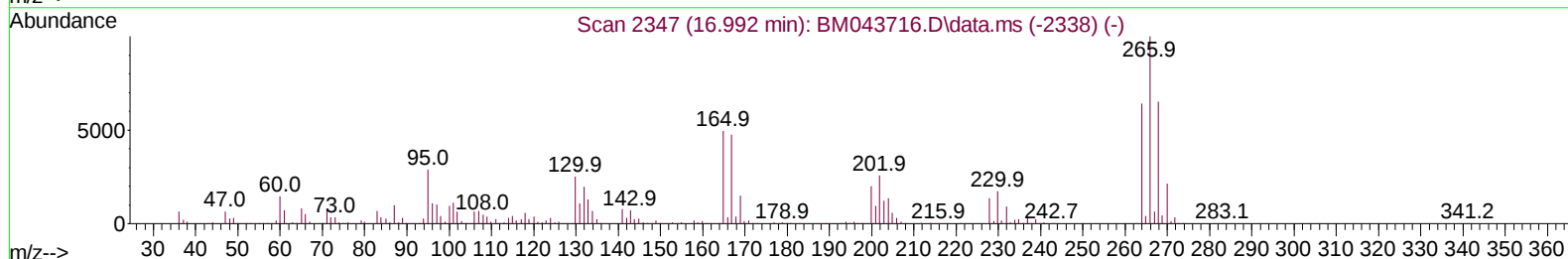
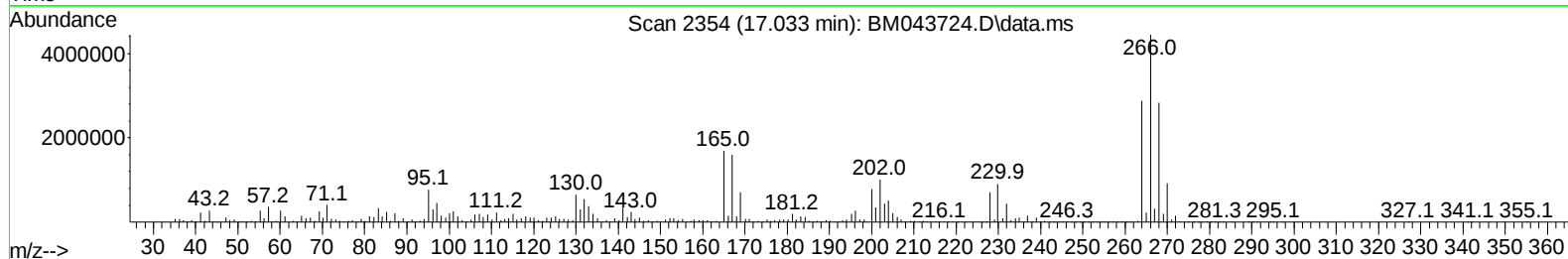
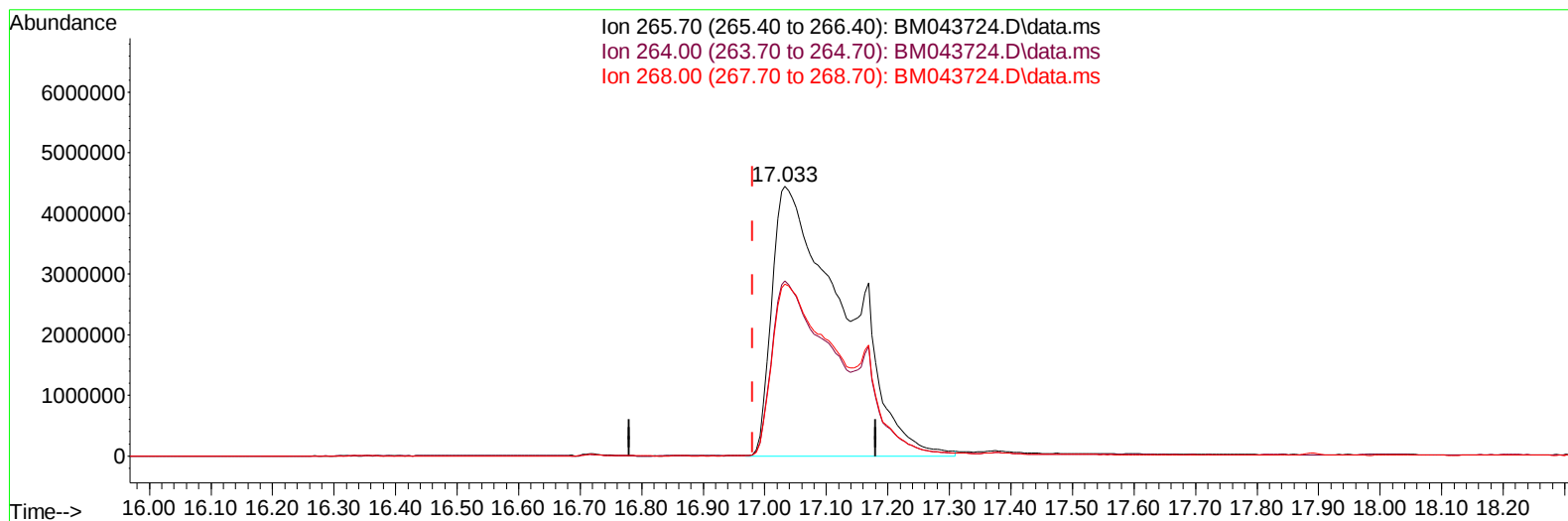
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(71) Pentachlorophenol (C)

17.033min (+ 0.053) 4226.06 ng/ul m

response 35973757

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	64.91
268.00	63.80	63.89
0.00	0.00	0.00

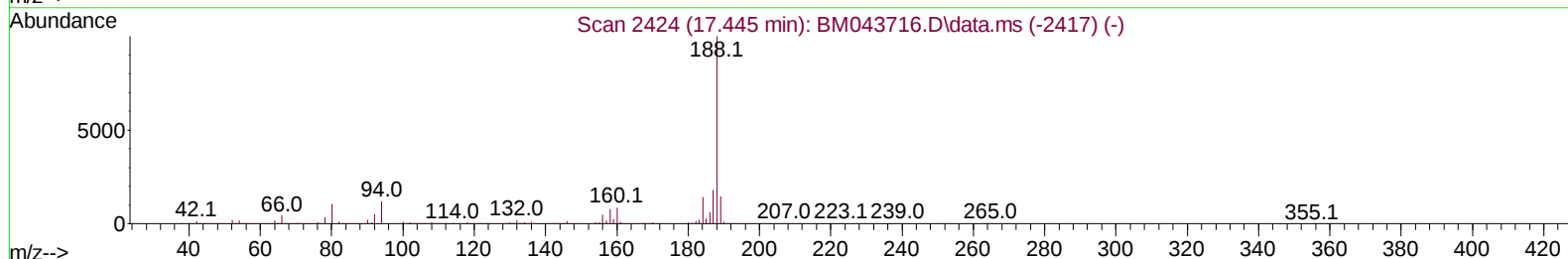
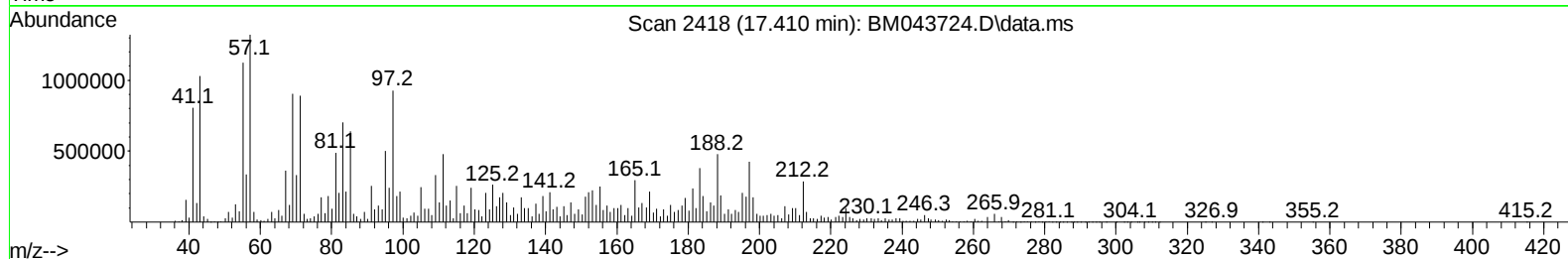
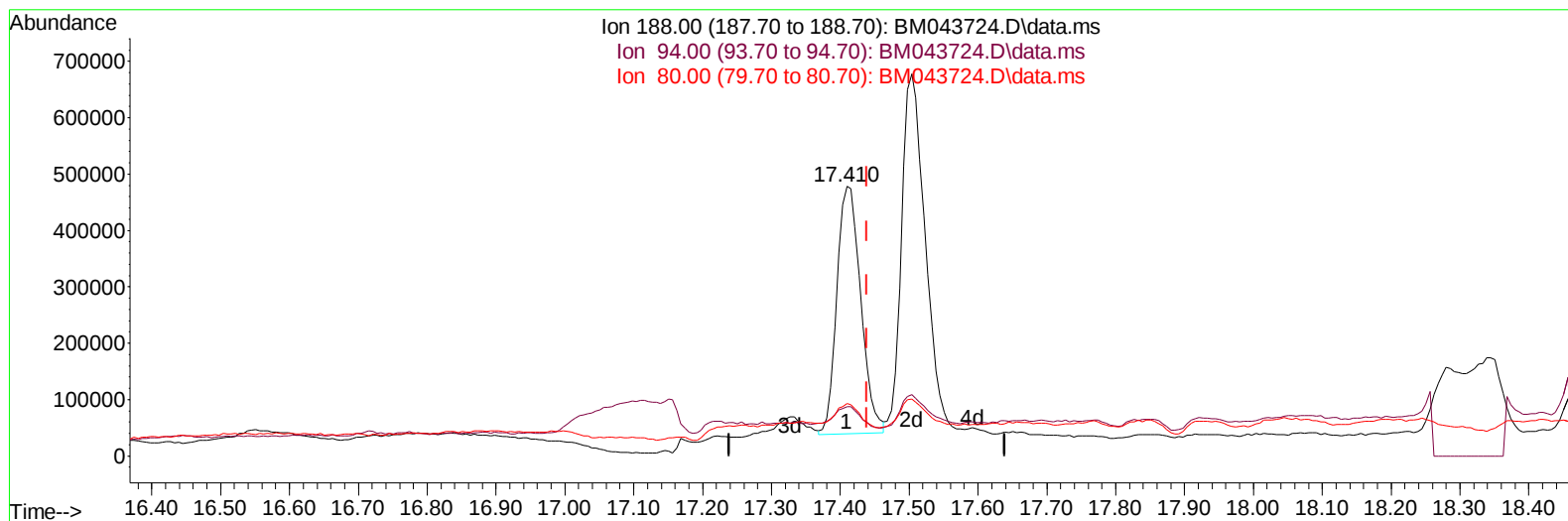
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(73) Anthracene-d10 (S)

17.410min (-0.030) 18.27 ng/u1

response 1062723

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	18.33#
80.00	11.90	19.48#
0.00	0.00	0.00

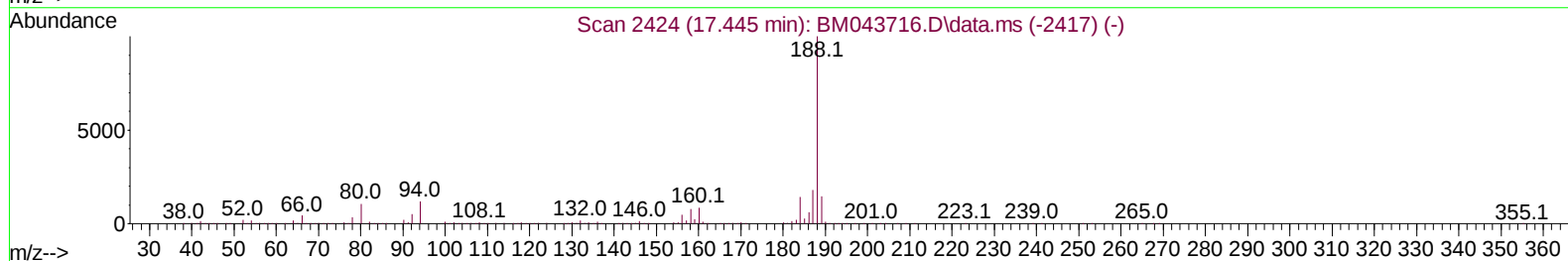
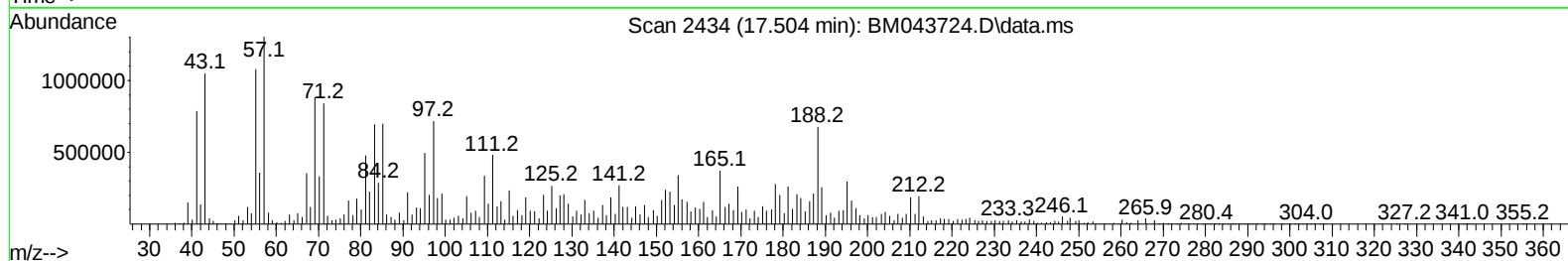
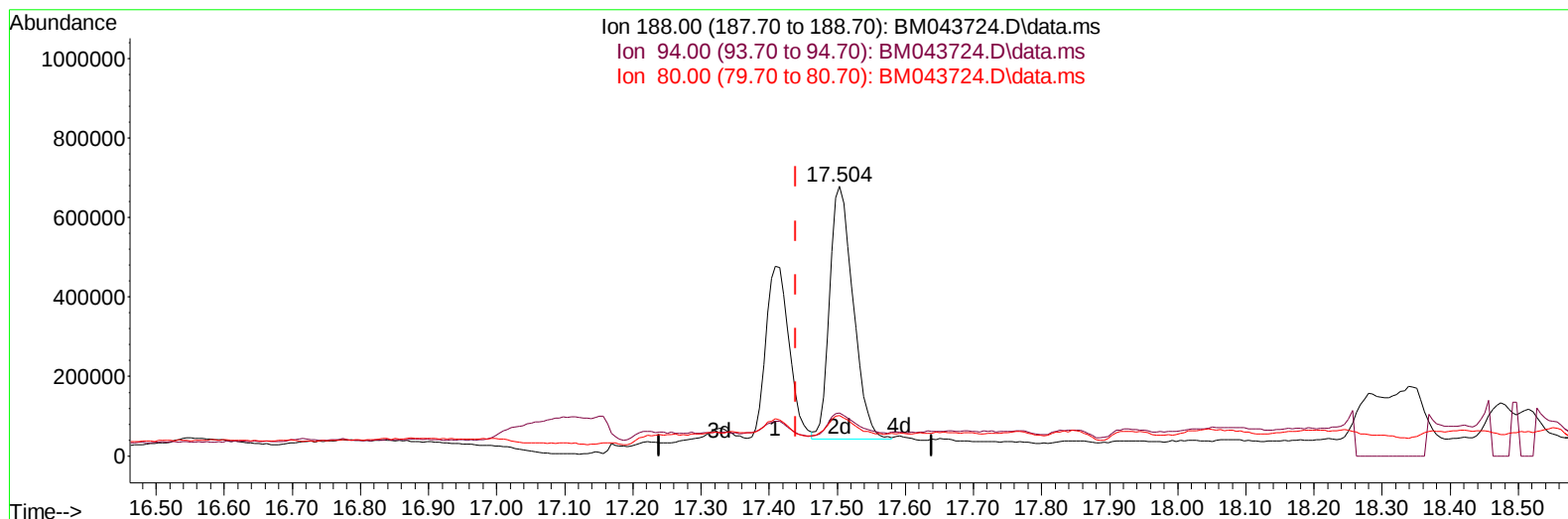
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(73) Anthracene-d10 (S)

17.504min (+ 0.065) 26.13 ng/ul m

response 1520406

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.20	16.05
80.00	11.90	14.95#
0.00	0.00	0.00

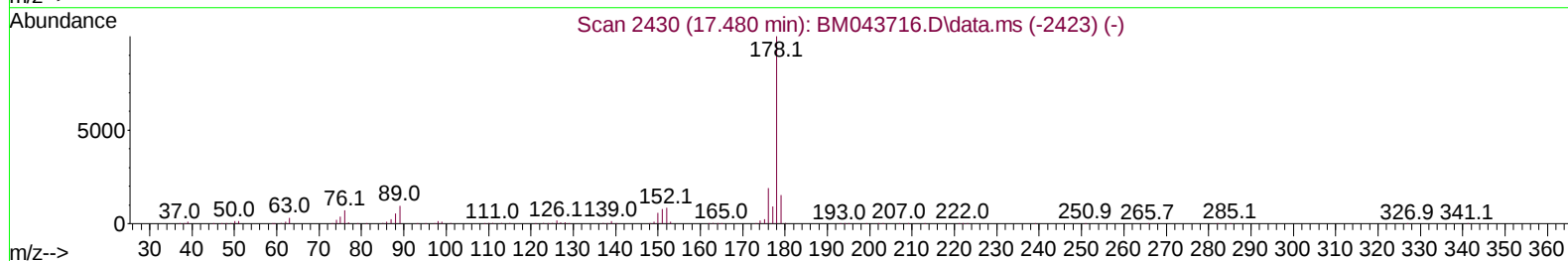
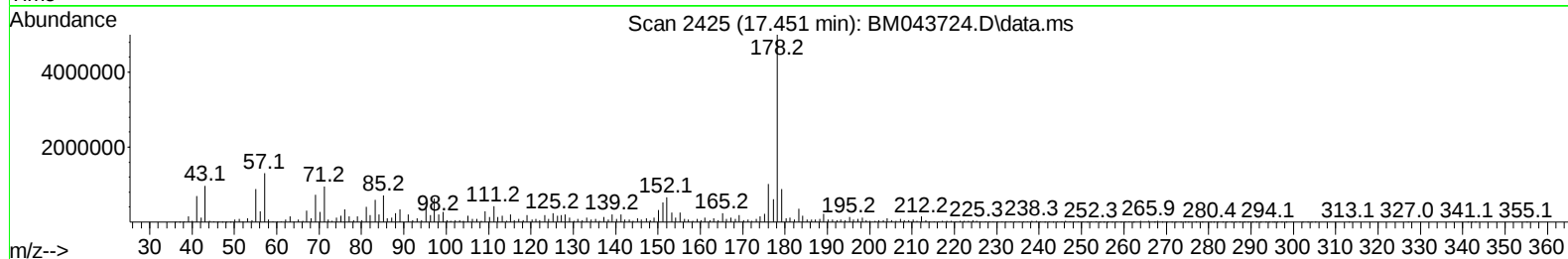
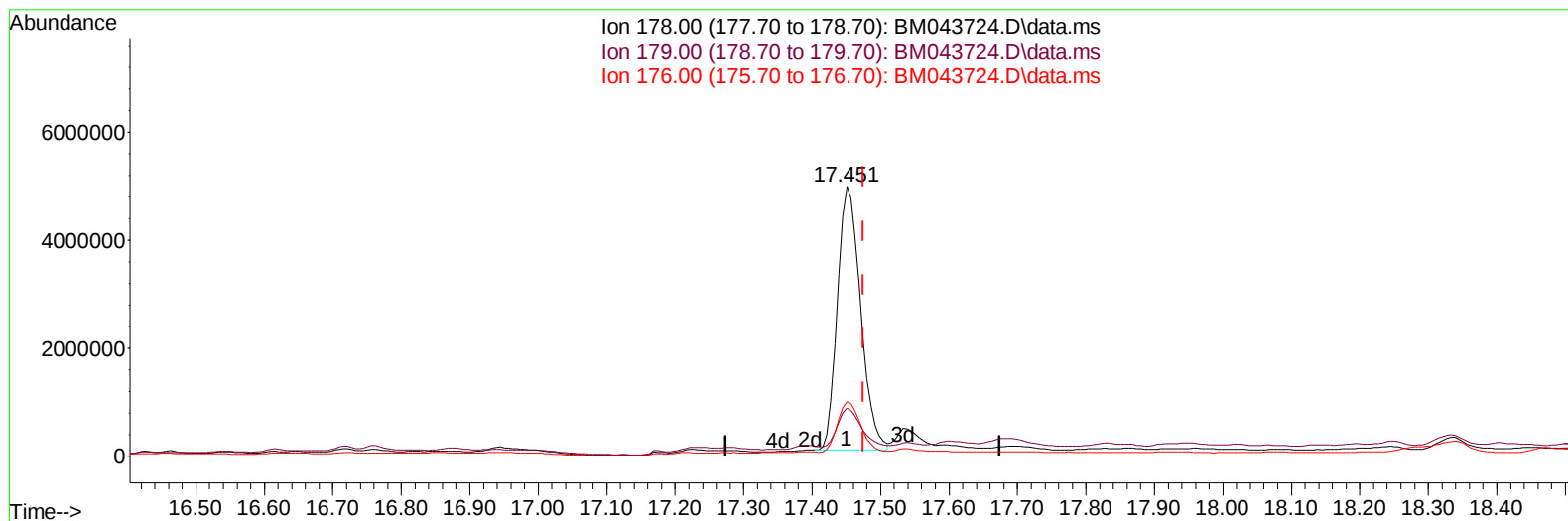
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(74) Anthracene

17.451min (-0.024) 162.28 ng/u1

response 11514885

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	17.78
176.00	19.00	20.24
0.00	0.00	0.00

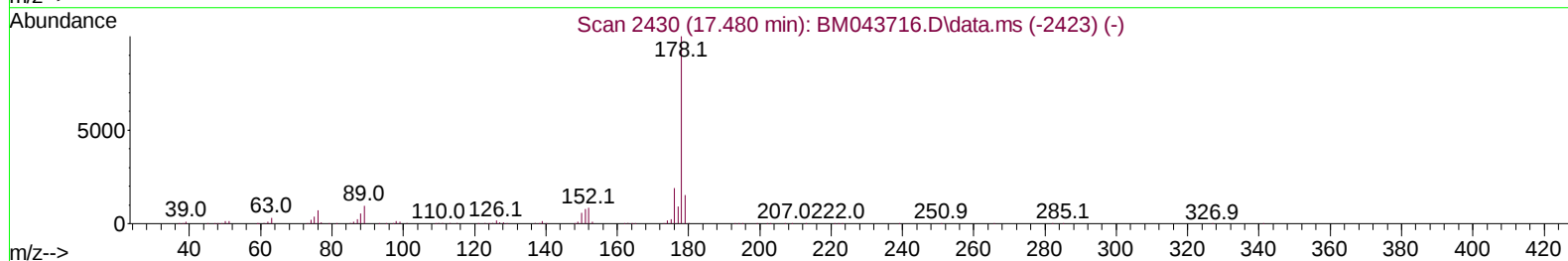
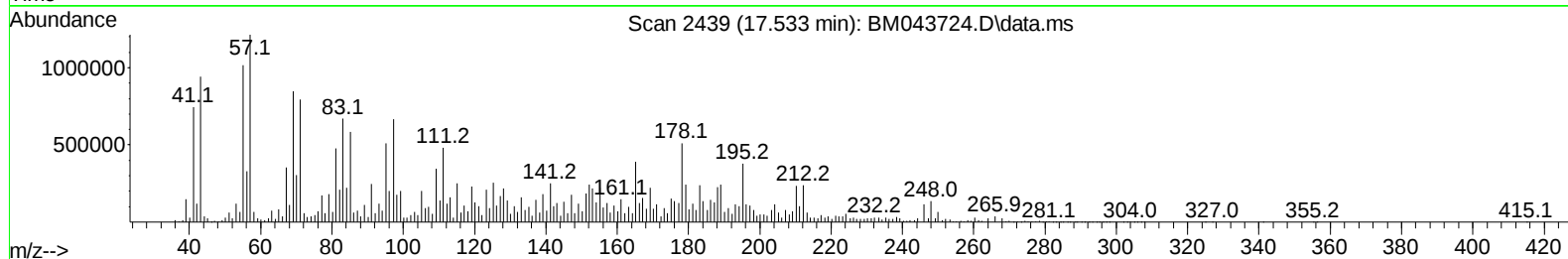
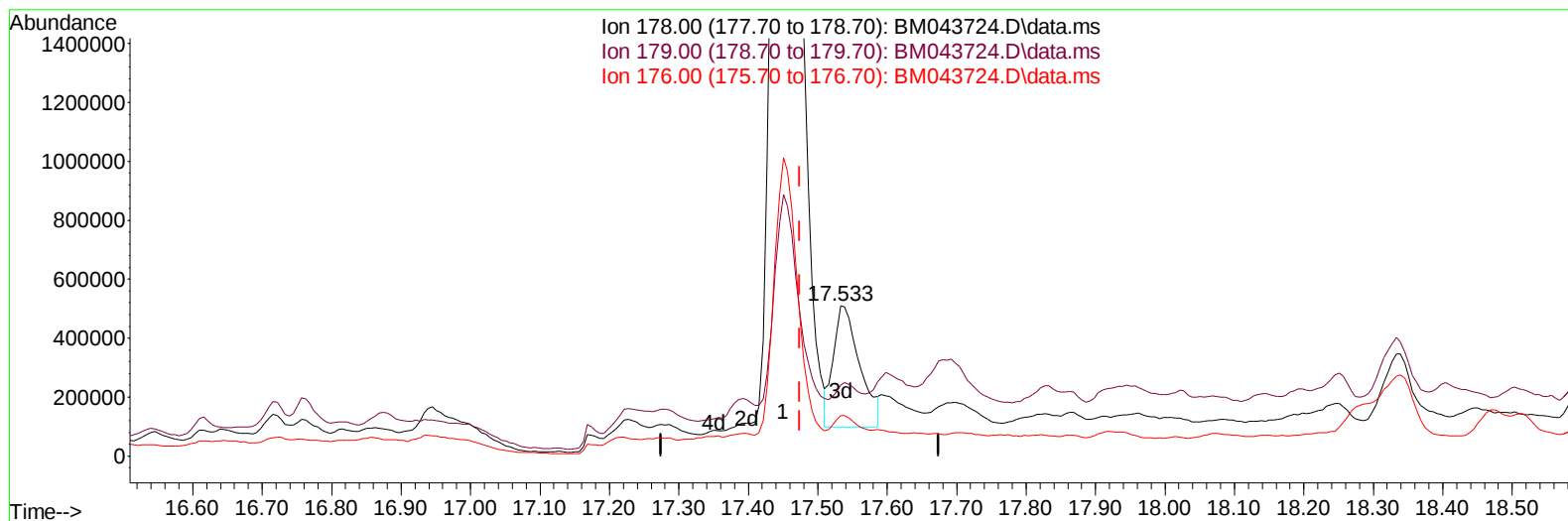
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043724.D
 Acq On : 03 Jan 2024 09:42
 Operator : MA/JU
 Sample : 05952-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:20:22 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: BM043724.D\data.ms

(74) Anthracene

17.533min (+ 0.059) 15.33 ng/ul m

response 1088024

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	47.31#
176.00	19.00	26.84#
0.00	0.00	0.00

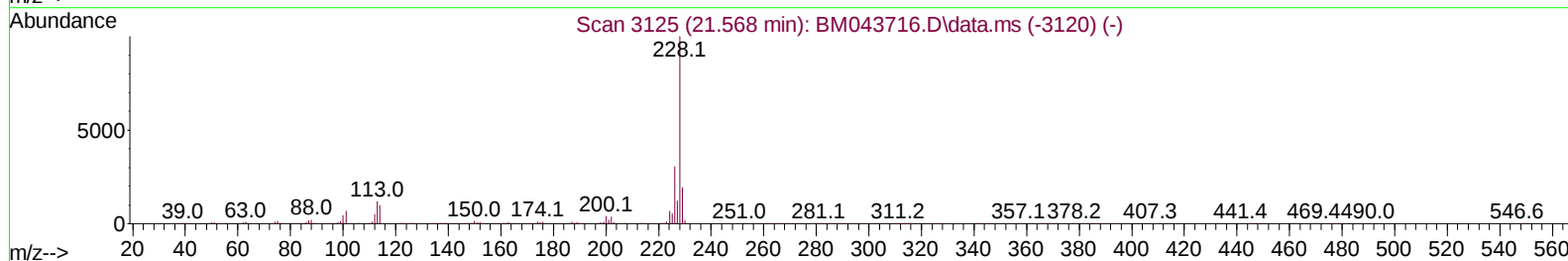
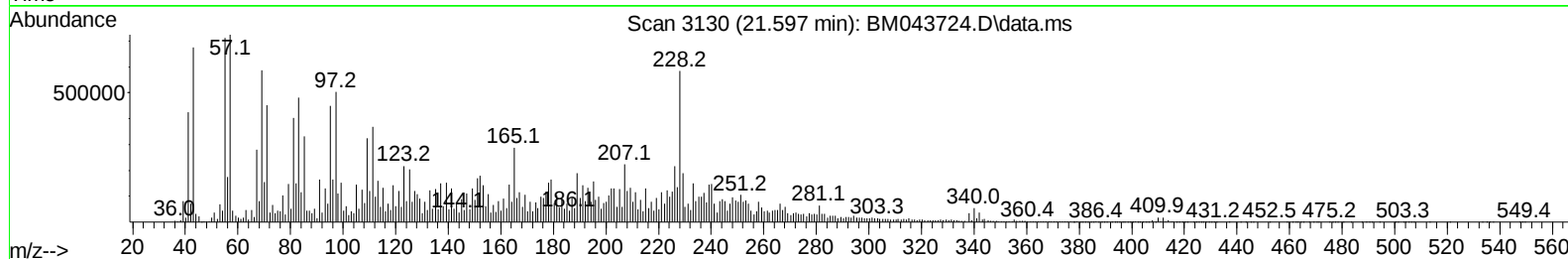
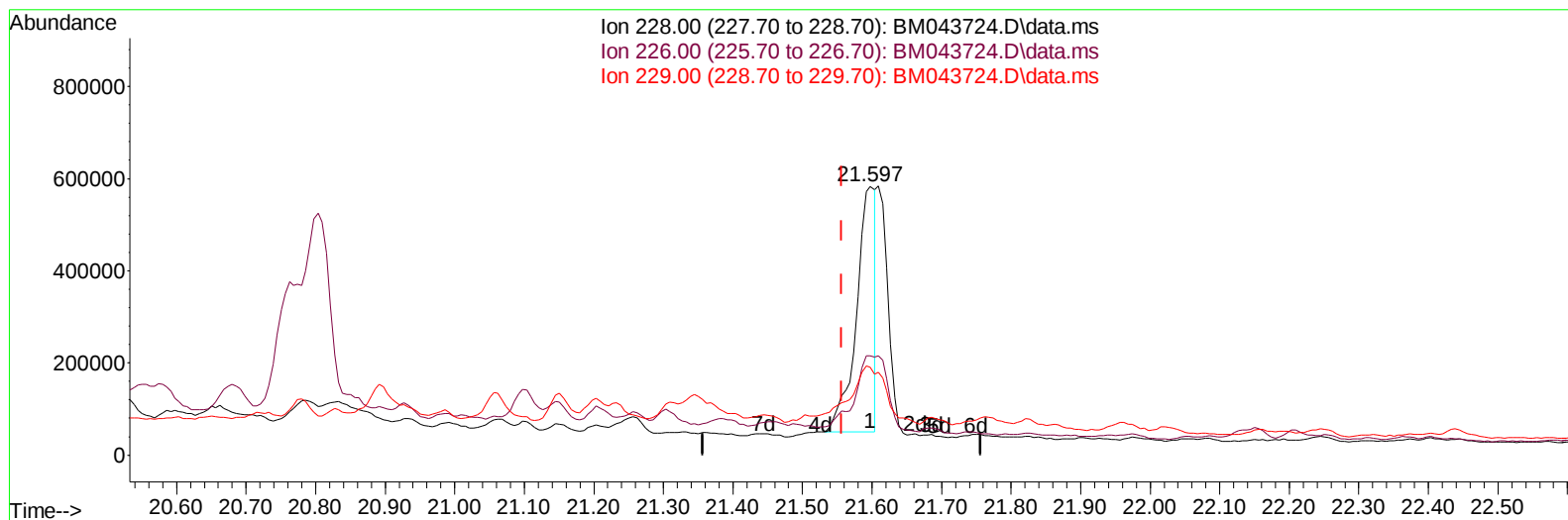
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:27:01 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: BM043724.D\data.ms

(87) Chrysene

21.597min (+ 0.041) 9.80 ng/u1

response 1005488

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	37.06#
229.00	19.90	32.61#
0.00	0.00	0.00

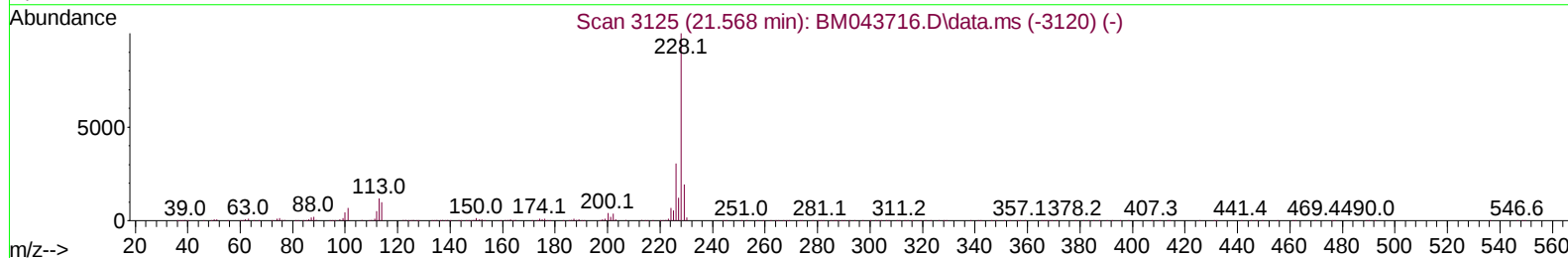
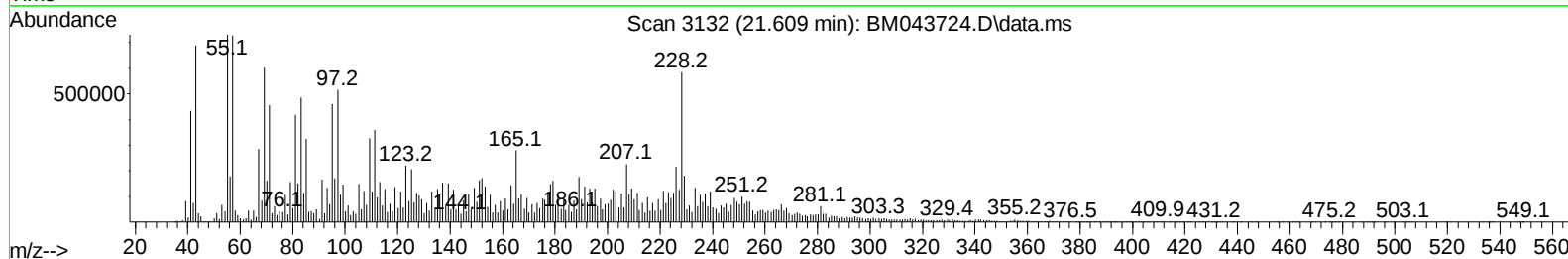
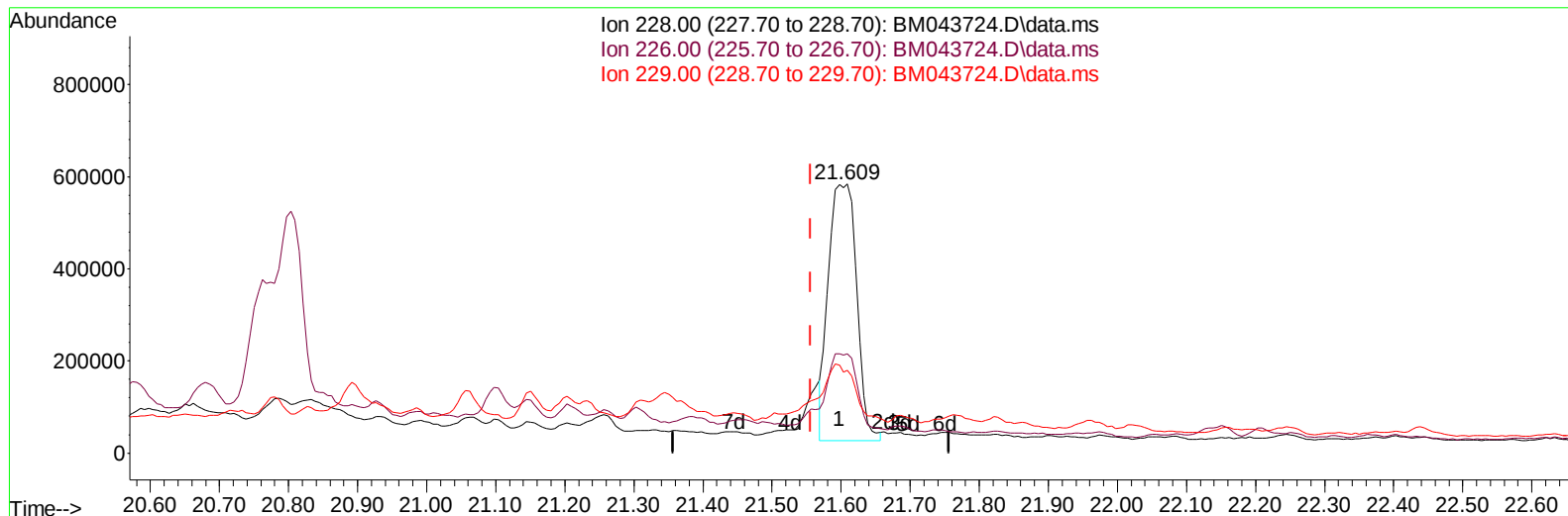
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043724.D
Acq On : 03 Jan 2024 09:42
Operator : MA/JU
Sample : 05952-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCF90

Manual IntegrationsAPPROVED

Quant Time: Jan 03 10:27:01 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: BM043724.D\data.ms

(87) Chrysene

21.609min (+ 0.053) 15.38 ng/ul m

response 1578135

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	36.91#
229.00	19.90	30.90#
0.00	0.00	0.00

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Quant Time: Jan 03 23:36:27 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
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152		239194	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136		1007572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164		576066	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188		1037392m	20.000	ng/ul	0.07
79) Chrysene-d12	21.574	240		1364403	20.000	ng/ul	0.05
88) Perylene-d12	23.997	264		1173713	20.000	ng/ul	0.06
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.363	96		24364	3.310	ng/uL	0.00
4) Pyridine-d5	3.816	84		55870	2.638	ng/ul	0.03
7) Phenol-d5	7.134	99		585639	21.523	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67		350913	20.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132		464562	22.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113		462305	21.895	ng/ul	0.01
21) Nitrobenzene-d5	9.134	128		229108	23.502	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143		256796	25.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165		440124	24.753	ng/ul	0.01
31) 4-Chloroaniline-d4	10.945	131		3393	0.130	ng/ul	0.04
46) Dimethylphthalate-d6	14.016	166		1189290	22.934	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160		1514444	24.618	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143		172962	17.622	ng/ul	0.04
60) Fluorene-d10	15.598	176		1080082	25.187	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.733	200		201692m	29.397	ng/ul	0.02
73) Anthracene-d10	17.504	188		1520406m	26.133	ng/ul	0.06
81) Pyrene-d10	19.803	212		1338000	12.421	ng/ul	0.08
92) Benzo(a)pyrene-d12	23.839	264		1703657	23.522	ng/ul	0.06
Target Compounds							
						Qvalue	
16) Acetophenone	8.792	105		51493	1.593	ng/ul	94
37) 1-Methylnaphthalene	12.645	142		48794	1.107	ng/ul#	99
50) Acenaphthylene	14.321	152		179928	2.547	ng/ul#	67
56) Dibenzofuran	14.998	168		418520m	6.960	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.239	232		3788418	373.256	ng/ul#	82
71) Pentachlorophenol	17.033	266		35973757m	4226.061	ng/ul	
72) Phenanthrene	17.451	178		11510118	163.704	ng/ul	96
74) Anthracene	17.533	178		1088024m	15.333	ng/ul	
80) Fluoranthene	19.462	202		1350317	10.123	ng/ul#	96
82) Pyrene	19.833	202		3183762	23.216	ng/ul#	89
83) Butylbenzylphthalate	20.715	149		975937	16.460	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.474	149		3183544	37.715	ng/ul#	90
87) Chrysene	21.609	228		1578135m	15.376	ng/ul	

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

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