

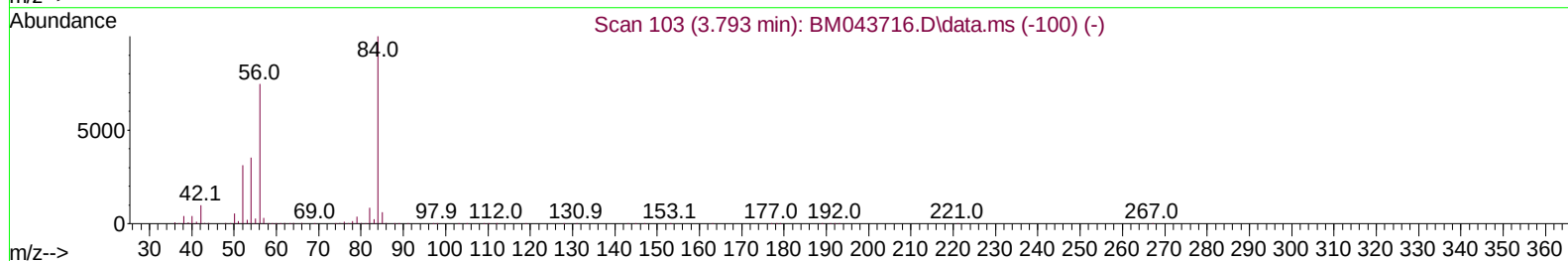
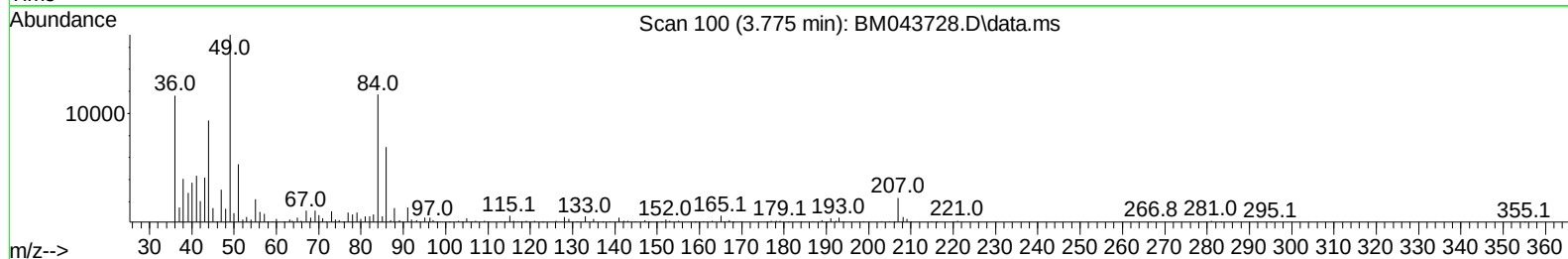
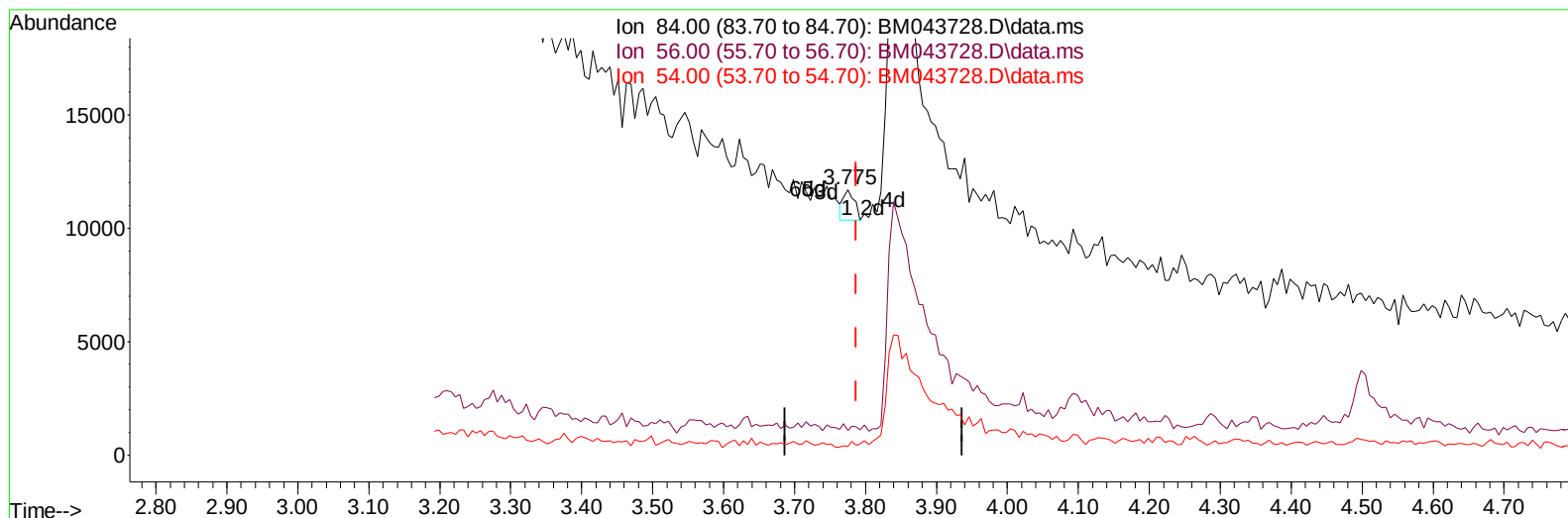
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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: BM043728.D\data.ms

(4) Pyridine-d5 (S)

3.775min (-0.012) 0.07 ng/u1

response 1456

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.70	9.11#
54.00	35.00	3.31#
0.00	0.00	0.00

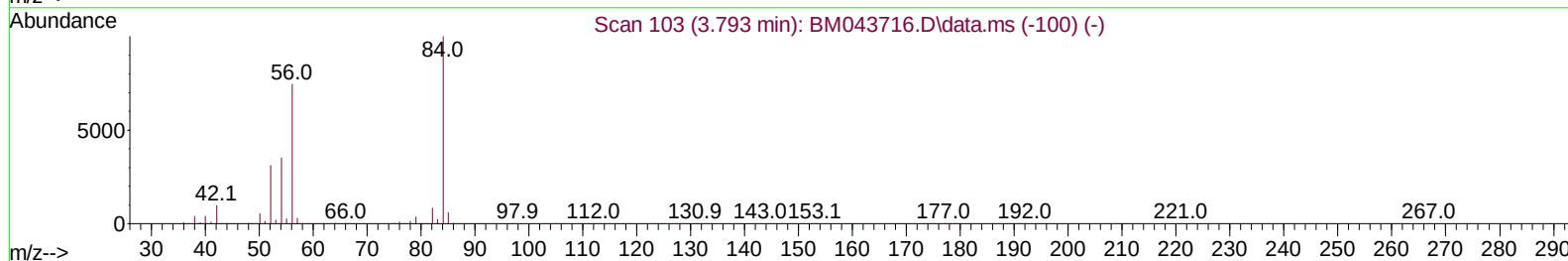
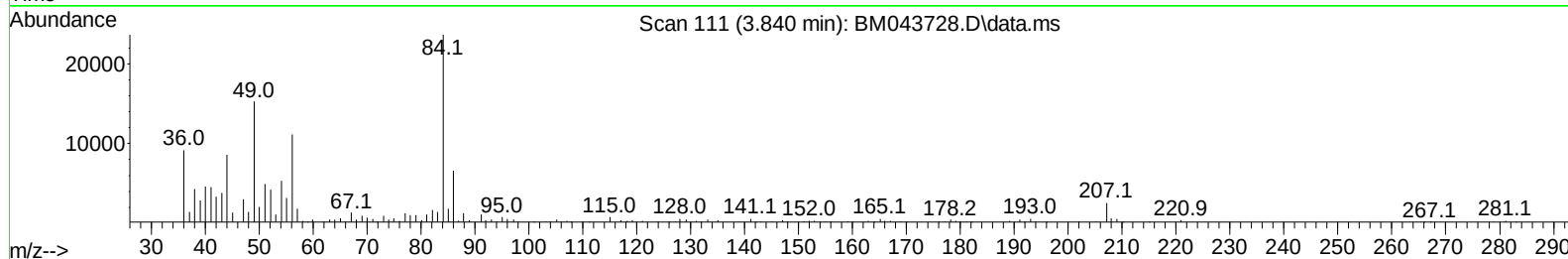
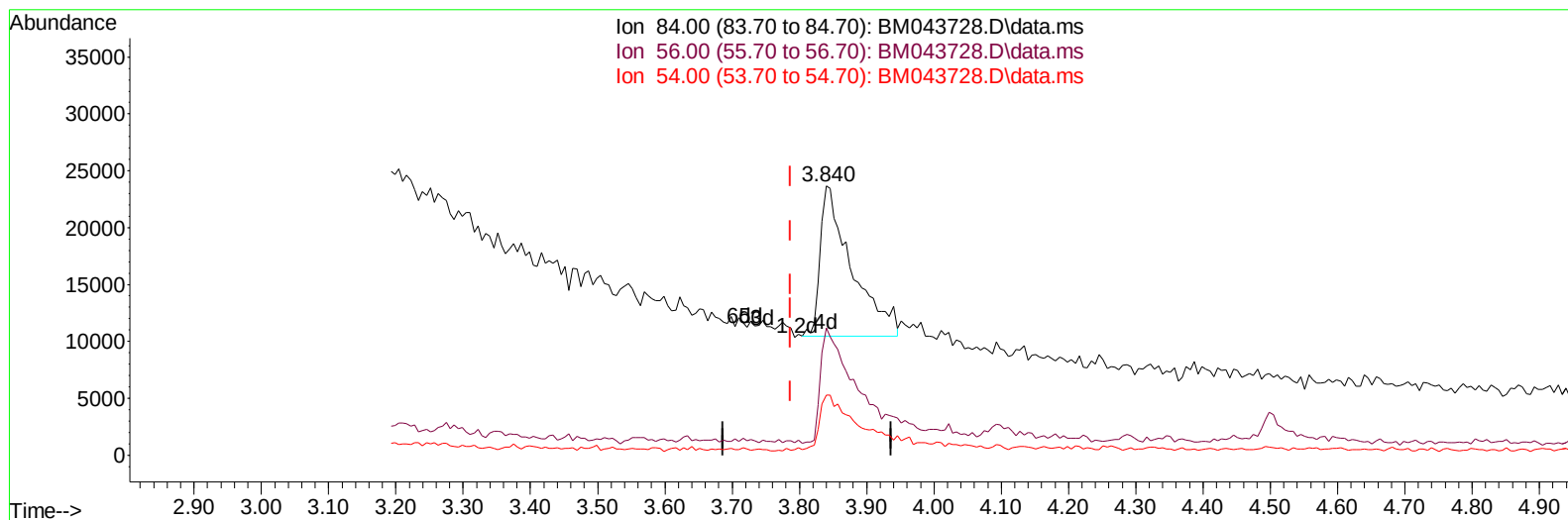
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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: BM043728.D\data.ms

(4) Pyridine-d5 (S)

3.840min (+ 0.053) 2.04 ng/ul m

response 43148

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	69.70	47.20#
54.00	35.00	22.40#
0.00	0.00	0.00

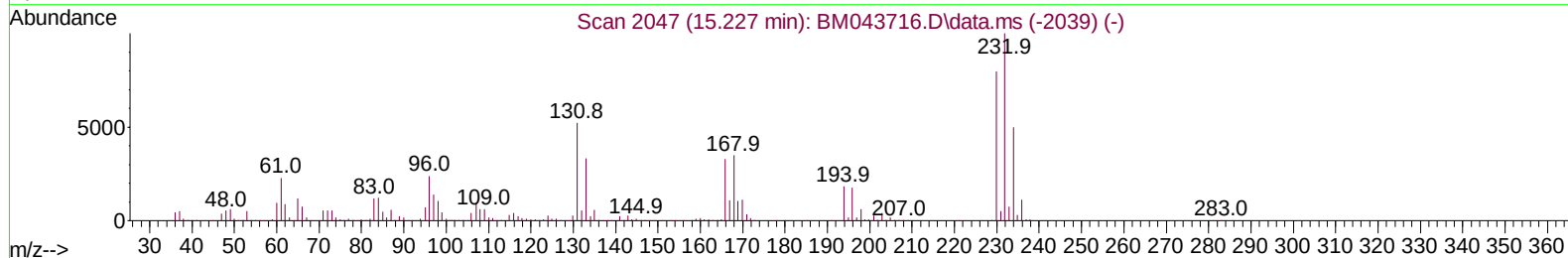
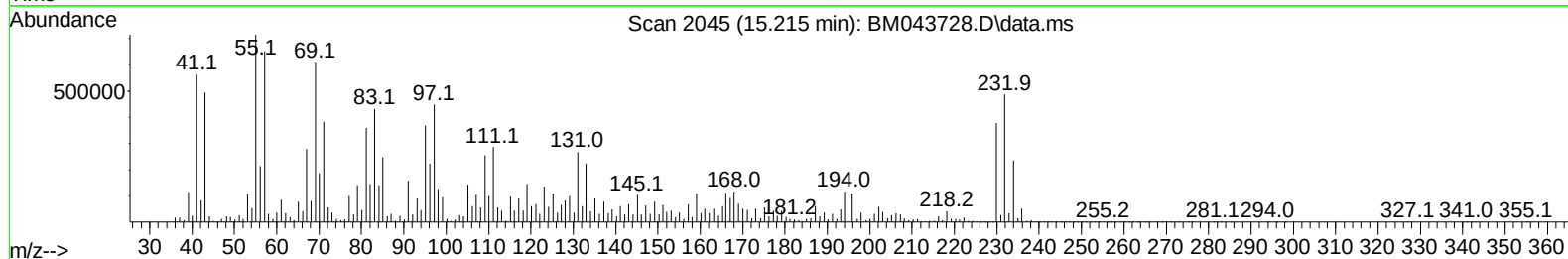
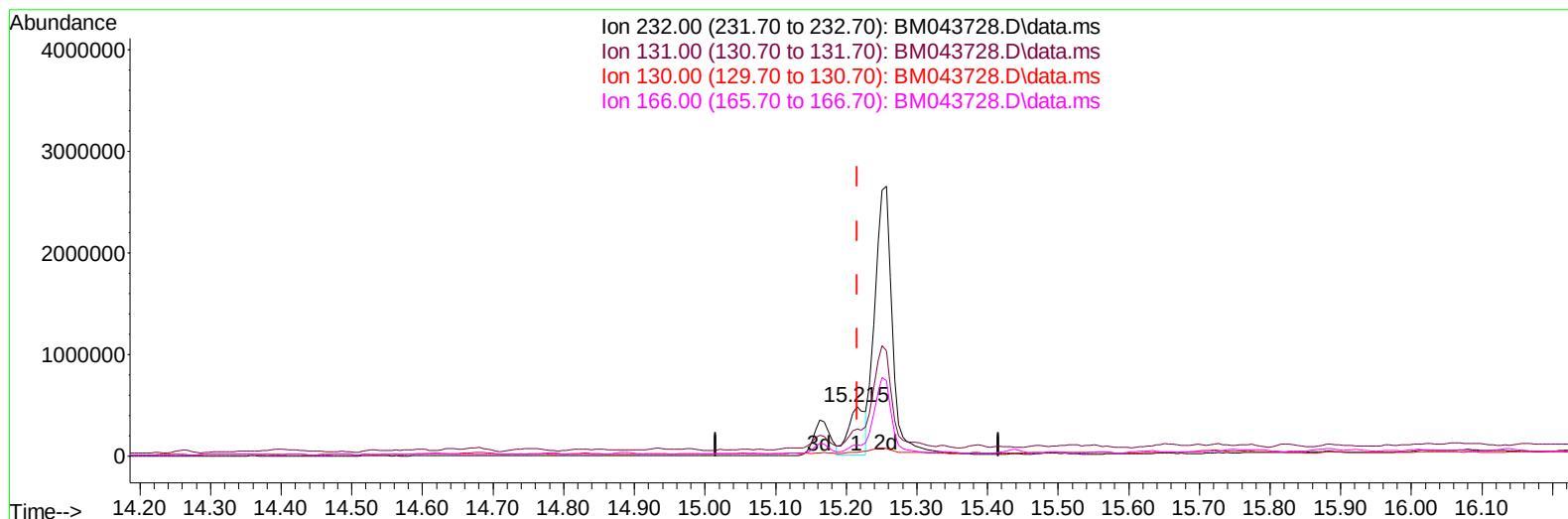
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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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Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024



TIC: BM043728.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.215min (-0.000) 72.69 ng/uI

response 801470

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	59.20	55.00
130.00	3.00	7.62#
166.00	37.60	22.79#

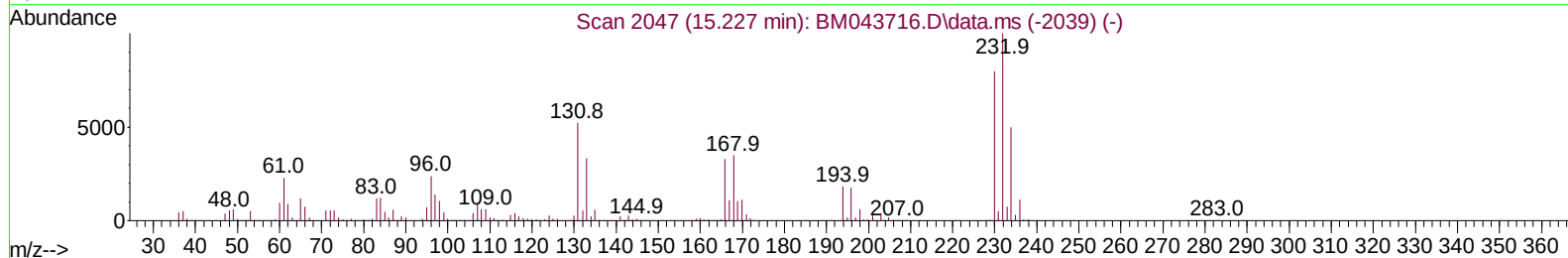
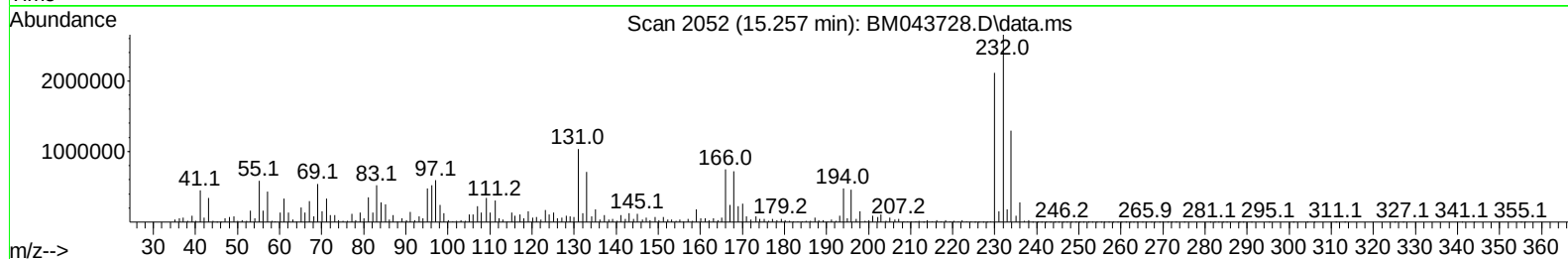
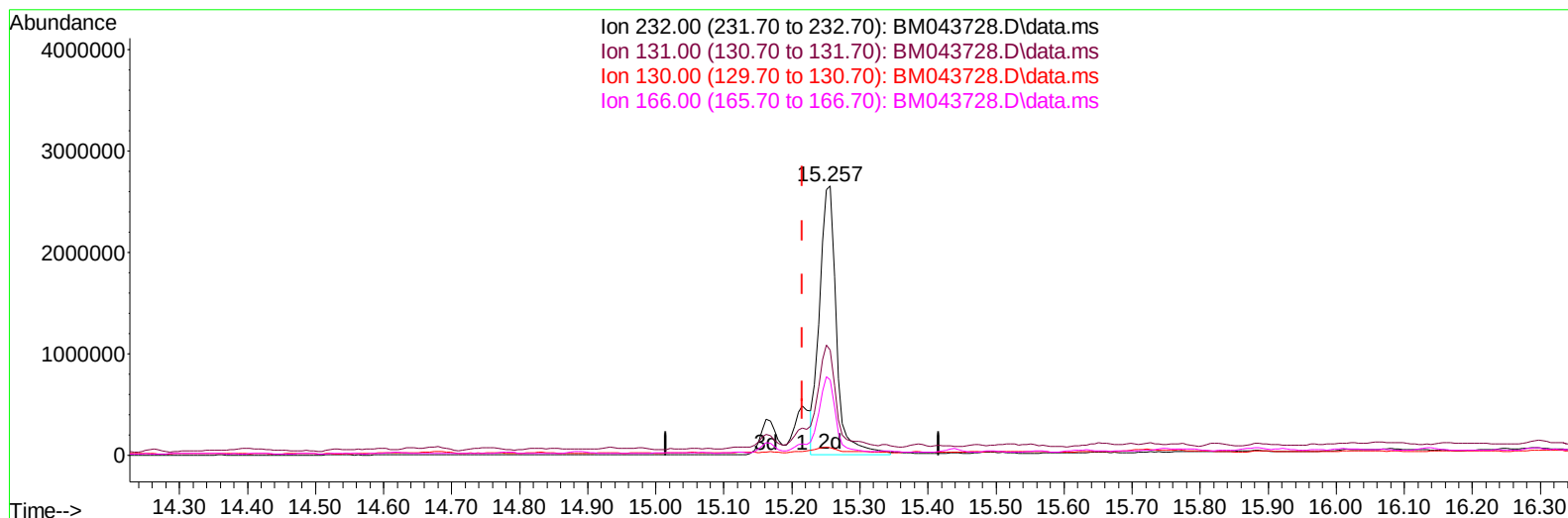
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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: BM043728.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.257min (+ 0.041) 416.92 ng/ul m

response 4597049

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	59.20	39.02#
130.00	3.00	2.83
166.00	37.60	28.04#

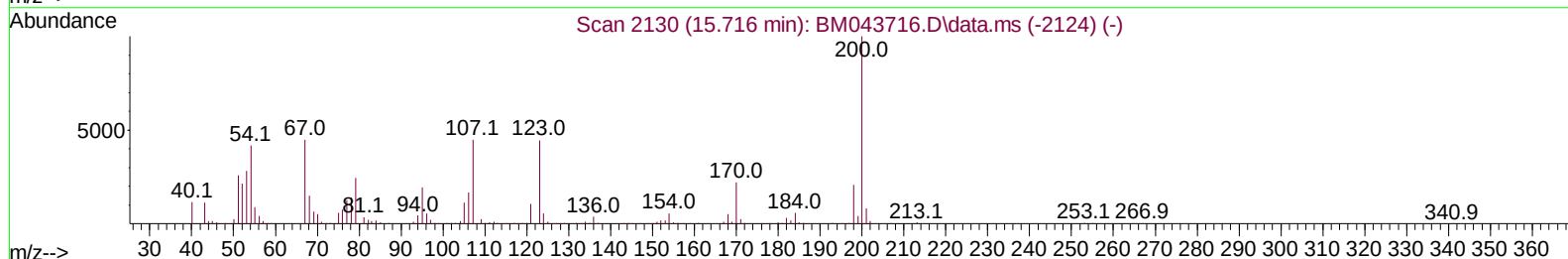
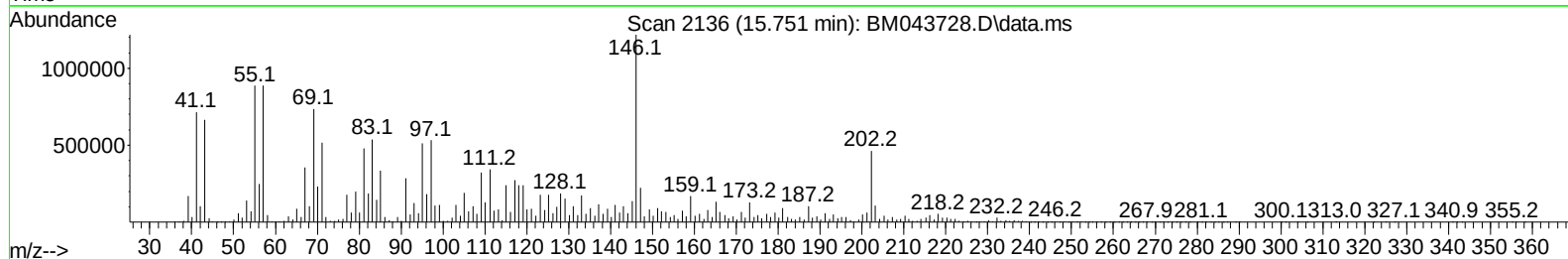
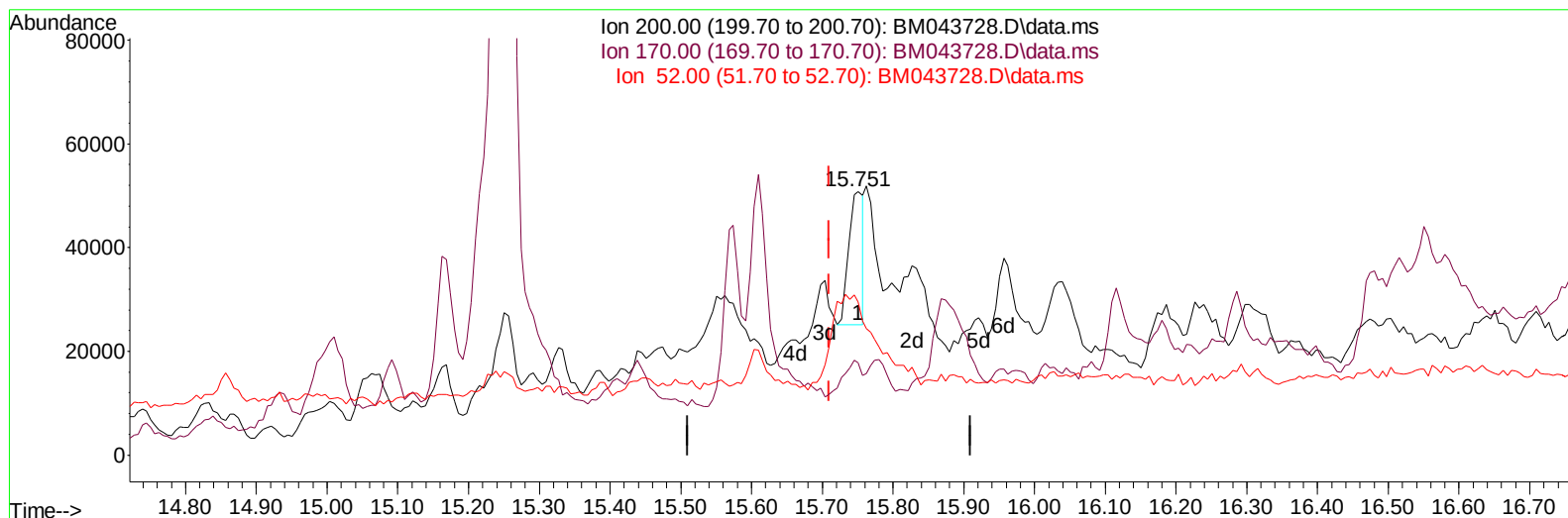
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043728.D\data.ms

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

15.751min (+ 0.041) 4.93 ng/ul

response 36413

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	34.94#
52.00	58.30	58.16
0.00	0.00	0.00

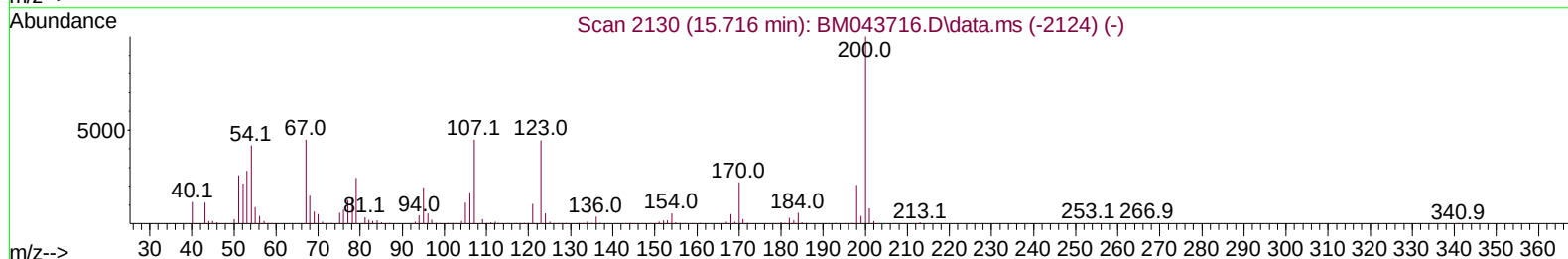
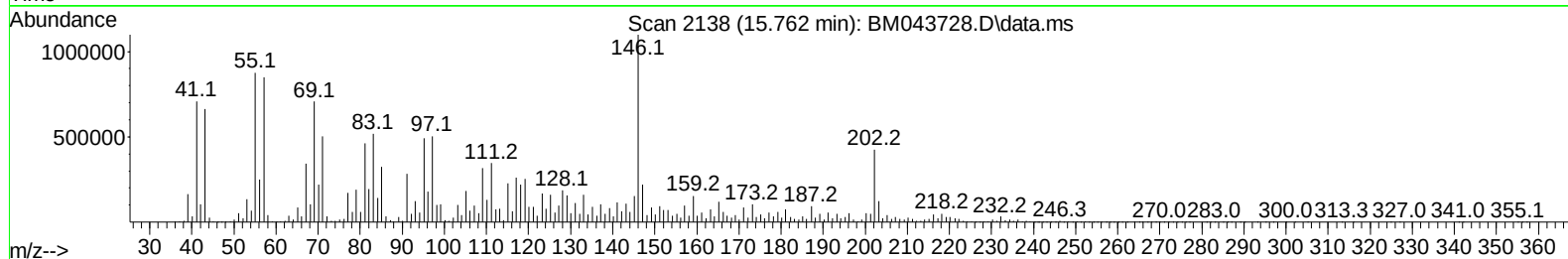
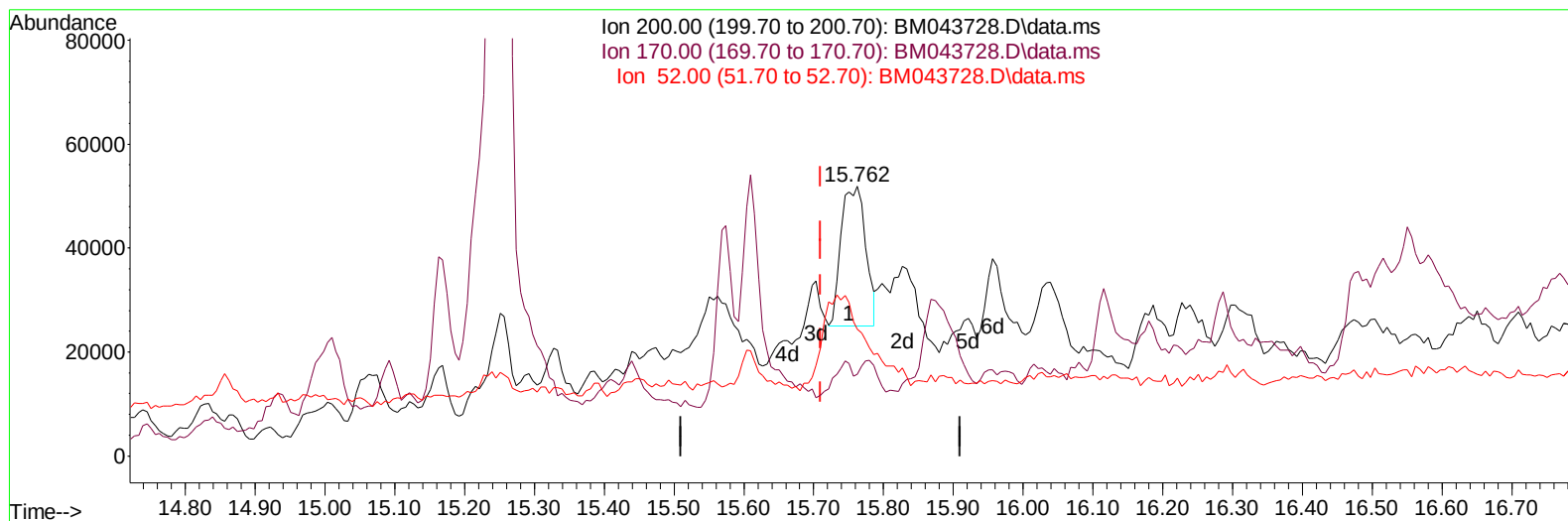
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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: BM043728.D\data.ms

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

15.762min (+ 0.053) 8.90 ng/ul m

response 65642

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	23.10	30.37#
52.00	58.30	46.96
0.00	0.00	0.00

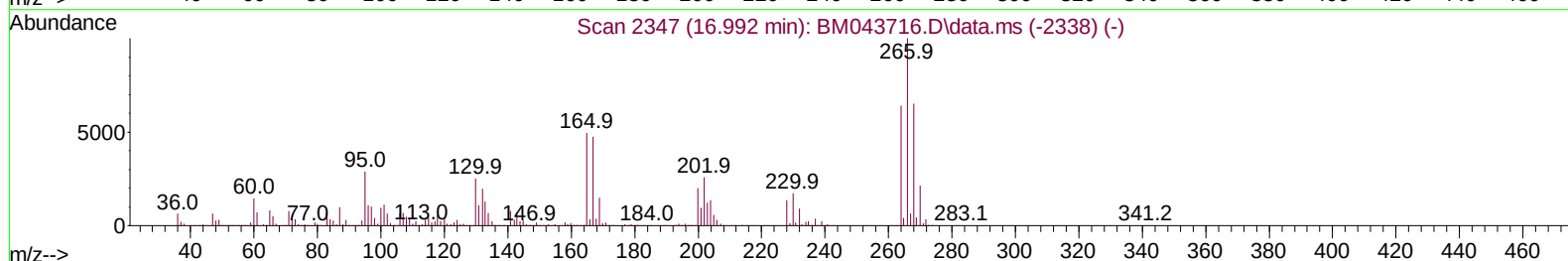
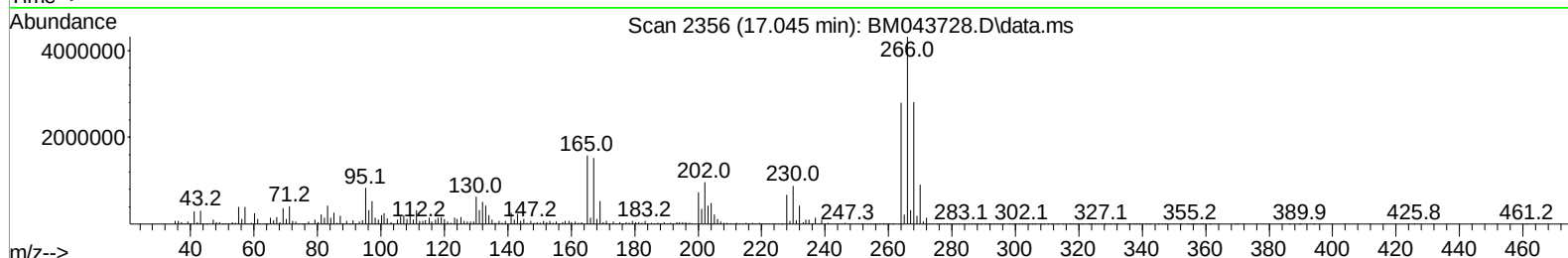
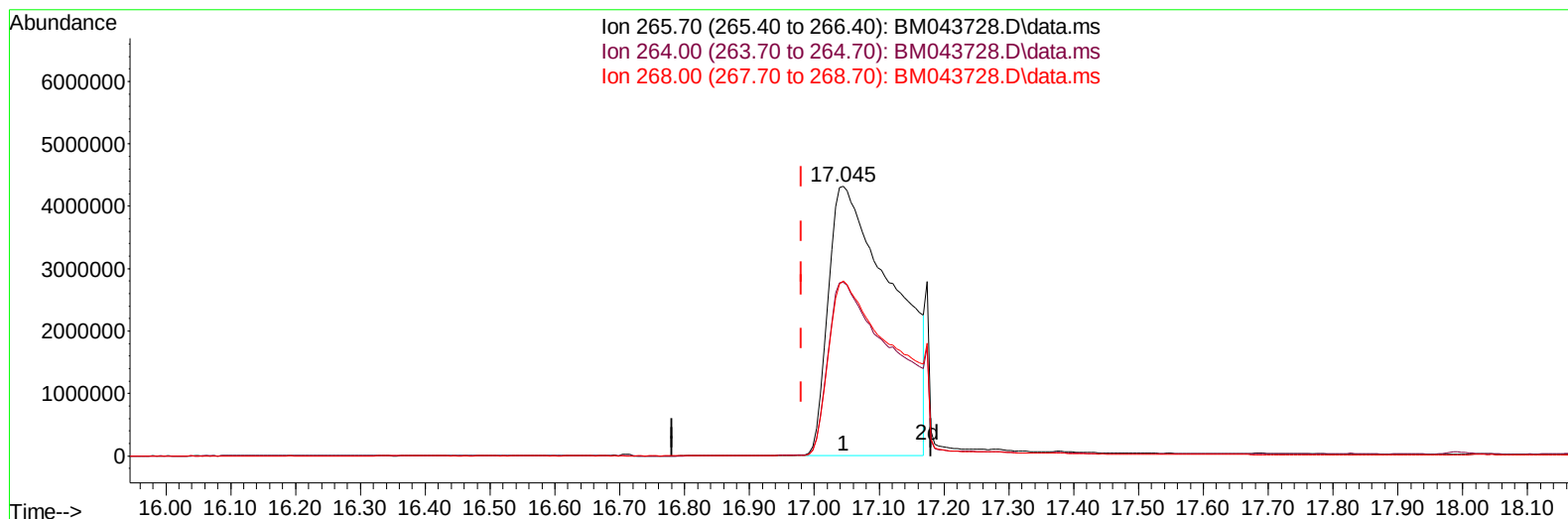
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 2024
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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043728.D\data.ms

(71) Pentachlorophenol (C)

17.045min (+ 0.064) 3281.47 ng/ul

response 30042139

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	64.61
268.00	63.80	64.99
0.00	0.00	0.00

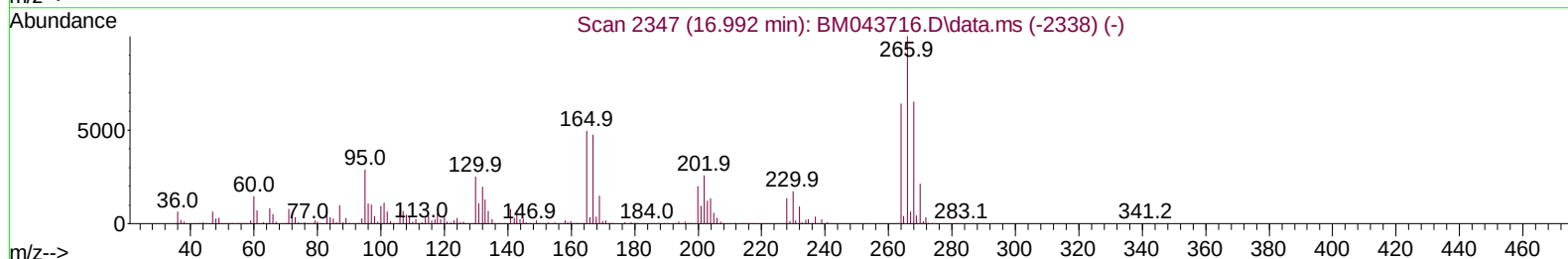
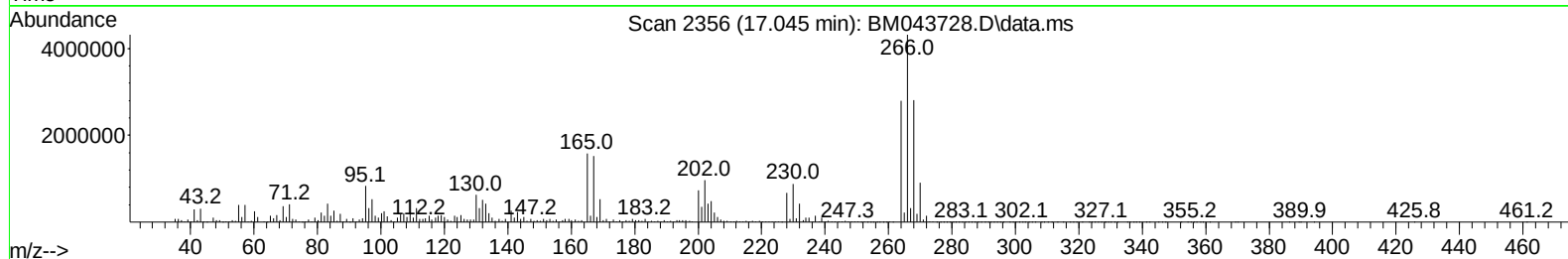
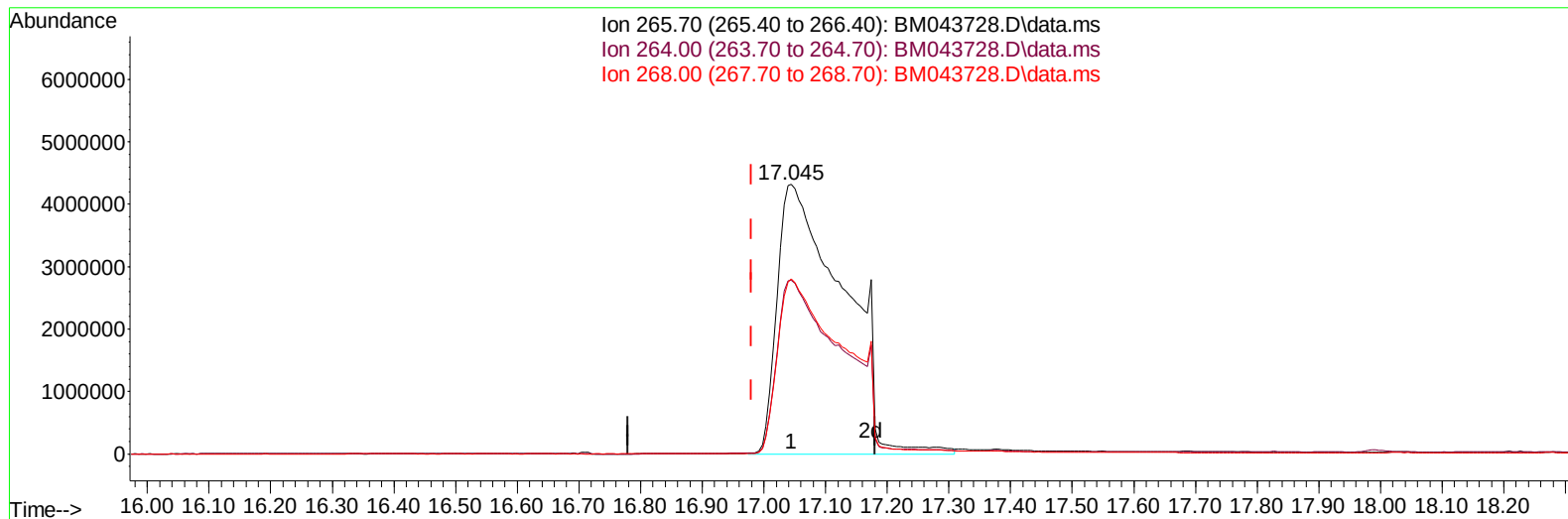
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 12:59:50 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: BM043728.D\data.ms

(71) Pentachlorophenol (C)

17.045min (+ 0.064) 3510.63 ng/ul m

response 32140098

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.40	64.61
268.00	63.80	64.99
0.00	0.00	0.00

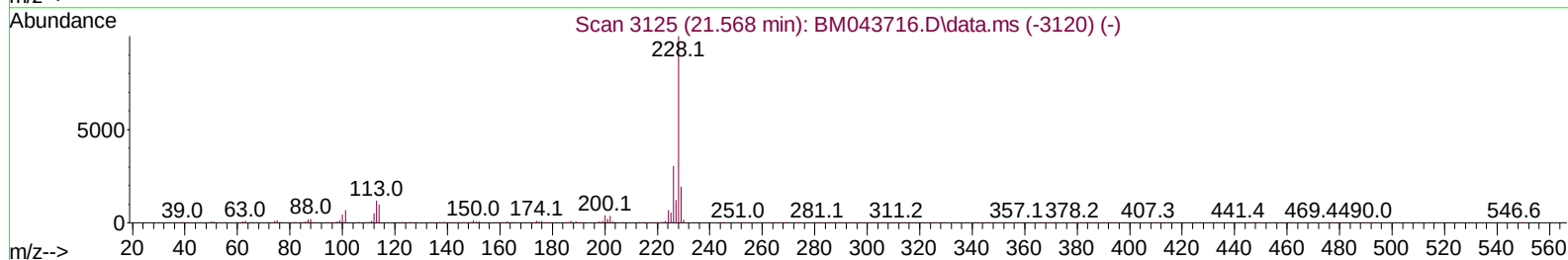
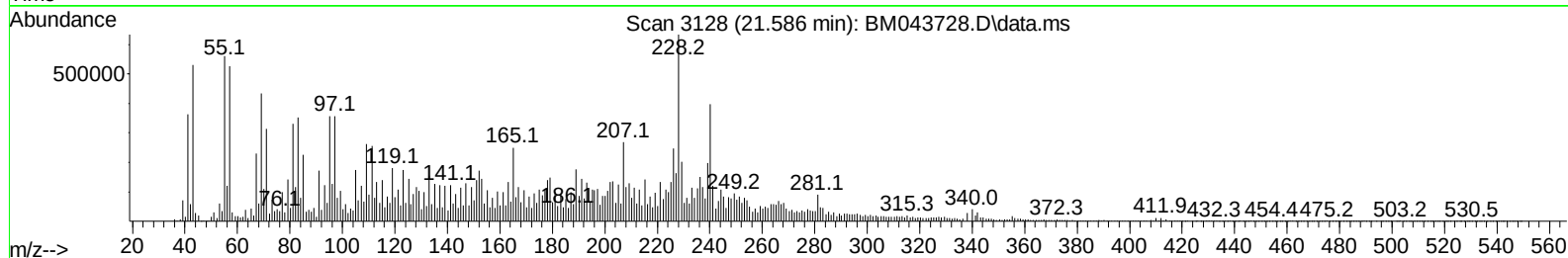
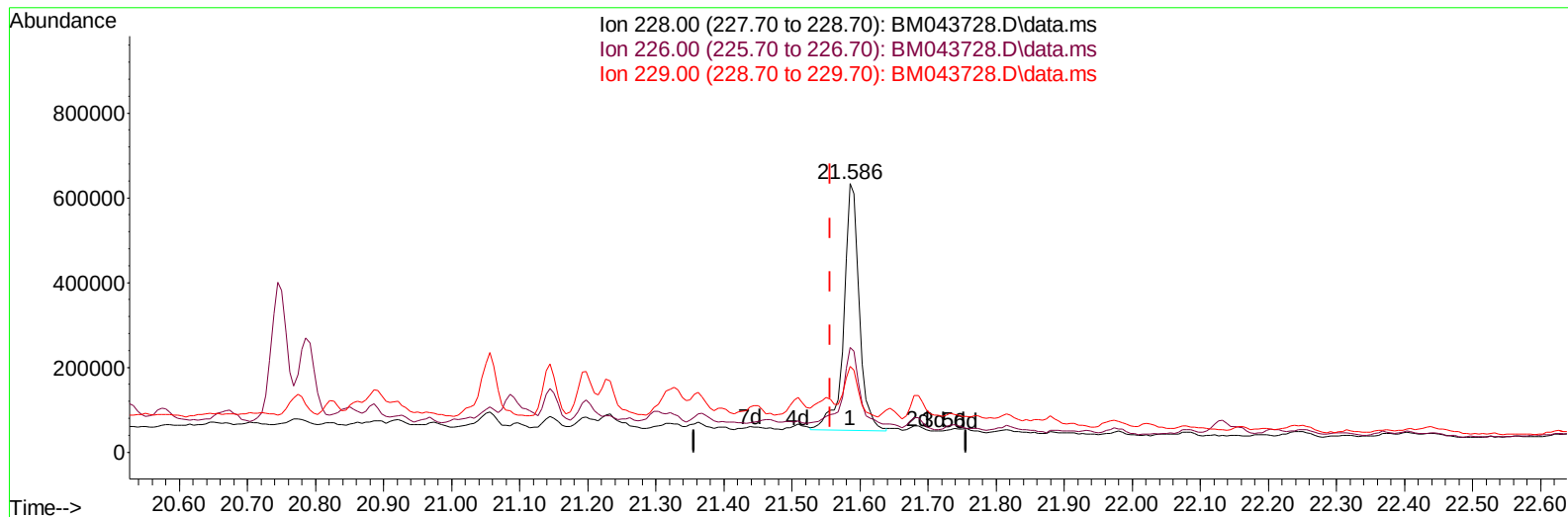
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 13:03:46 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: BM043728.D\data.ms

(87) Chrysene

21.586min (+ 0.029) 8.67 ng/u1

response 928327

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.20	39.03#
229.00	19.90	32.07#
0.00	0.00	0.00

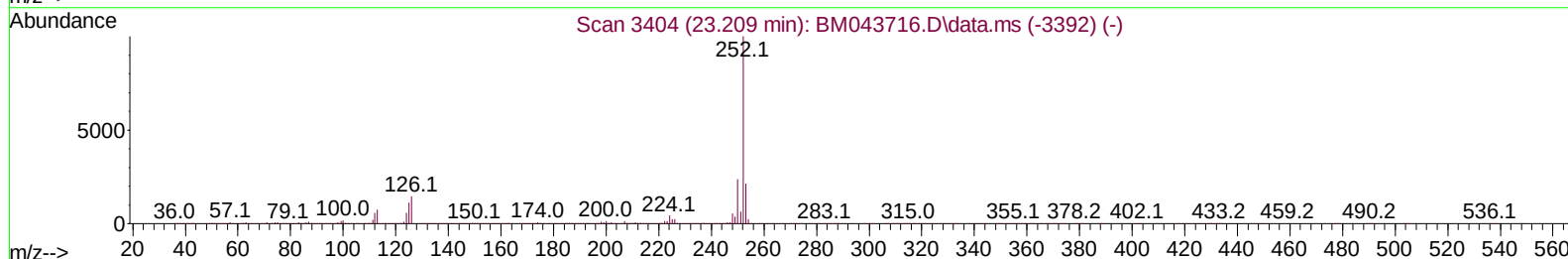
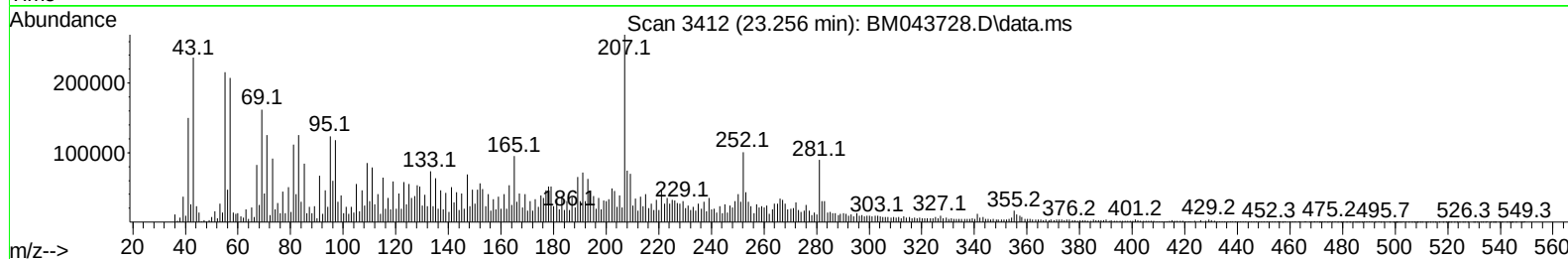
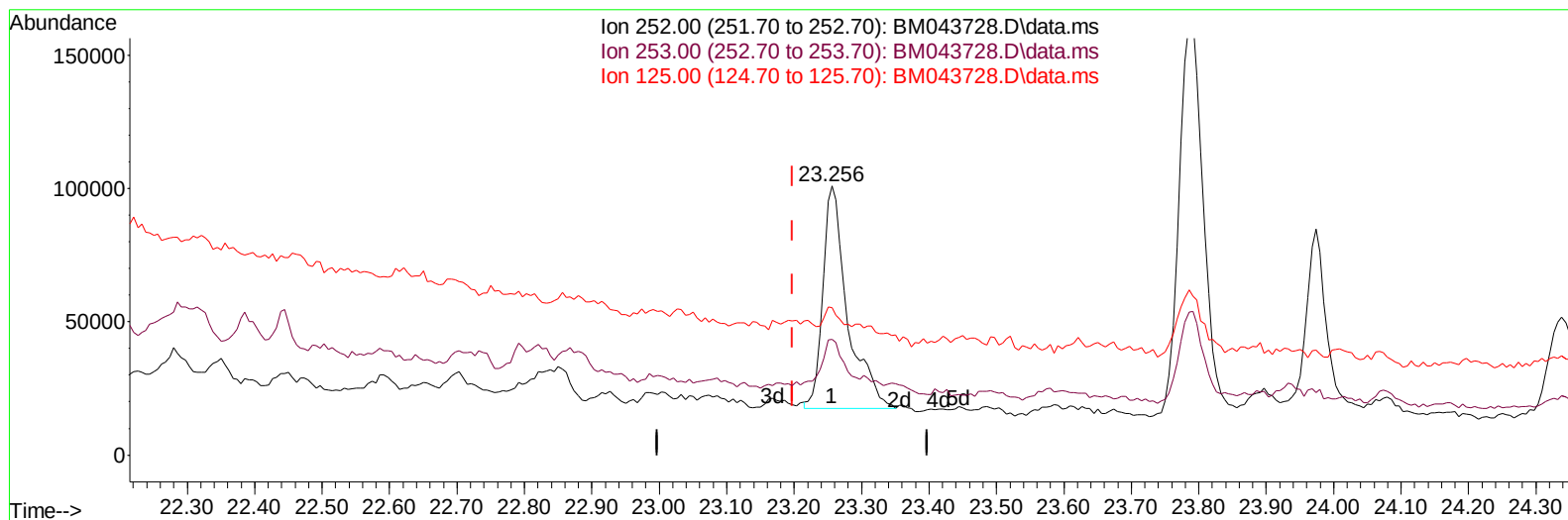
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 13:03:46 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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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043728.D\data.ms

(90) Benzo(b)fluoranthene

23.256min (+ 0.059) 2.17 ng/u1

response 211104

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	43.02#
125.00	13.00	54.89#
0.00	0.00	0.00

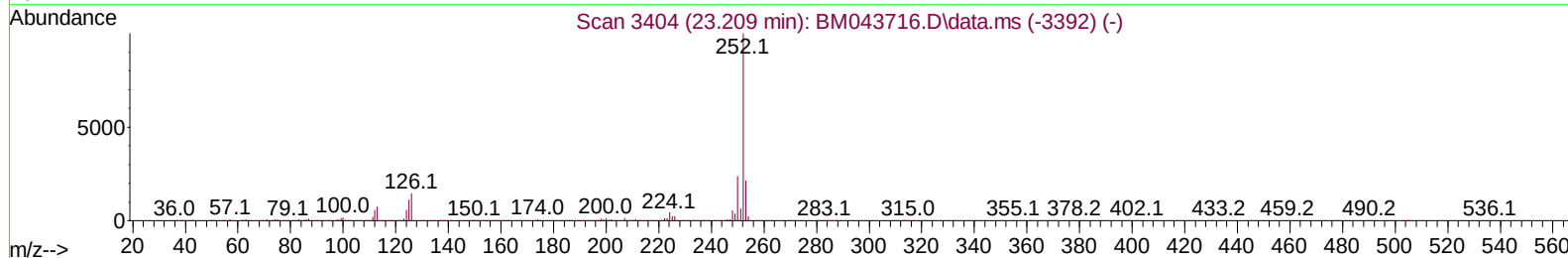
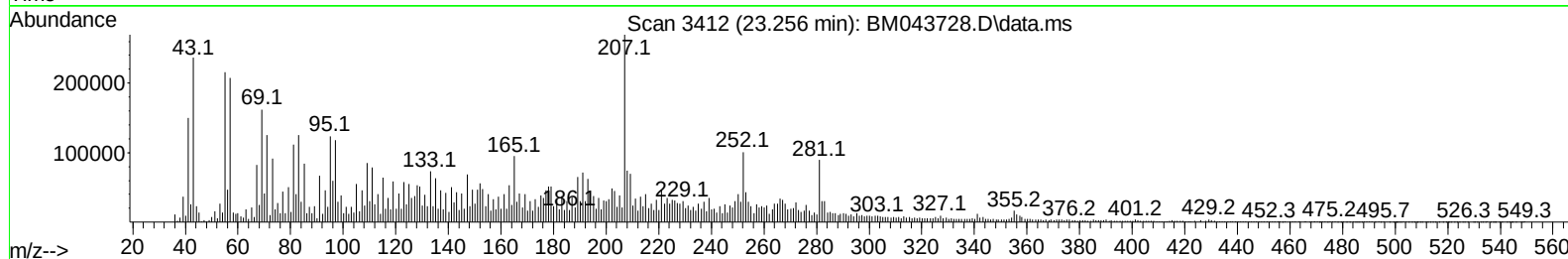
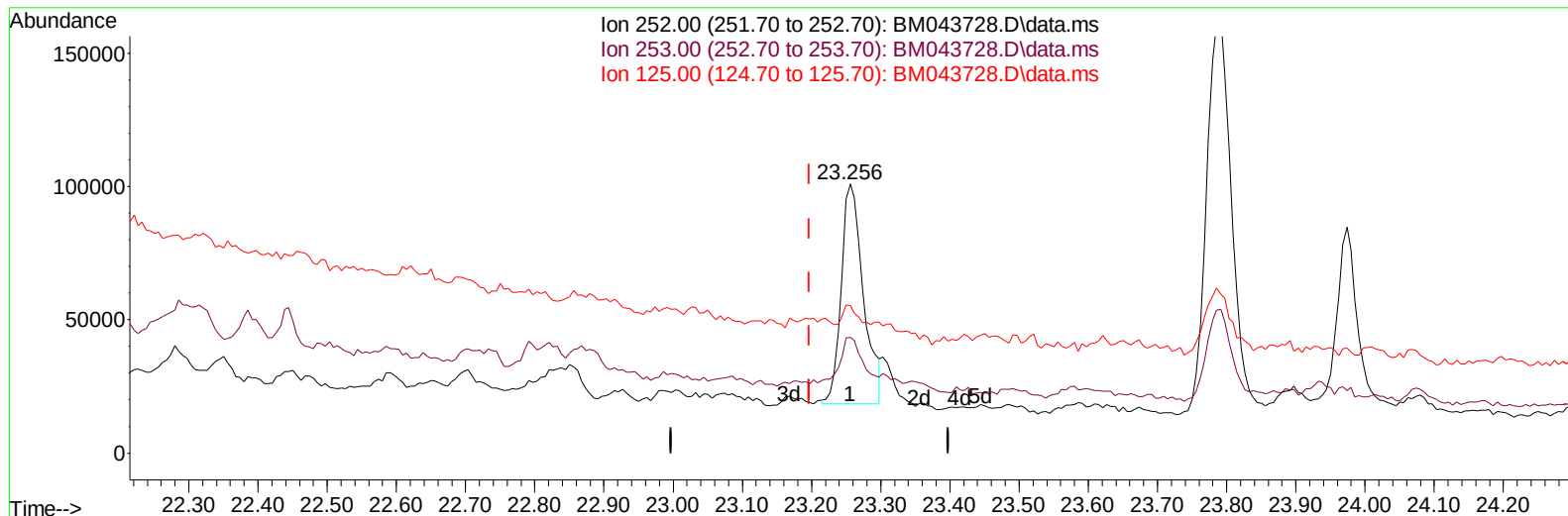
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 13:03:46 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: BM043728.D\data.ms

(90) Benzo(b)fluoranthene

23.256min (+ 0.059) 1.89 ng/u l m

response 184006

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	43.02#
125.00	13.00	54.89#
0.00	0.00	0.00

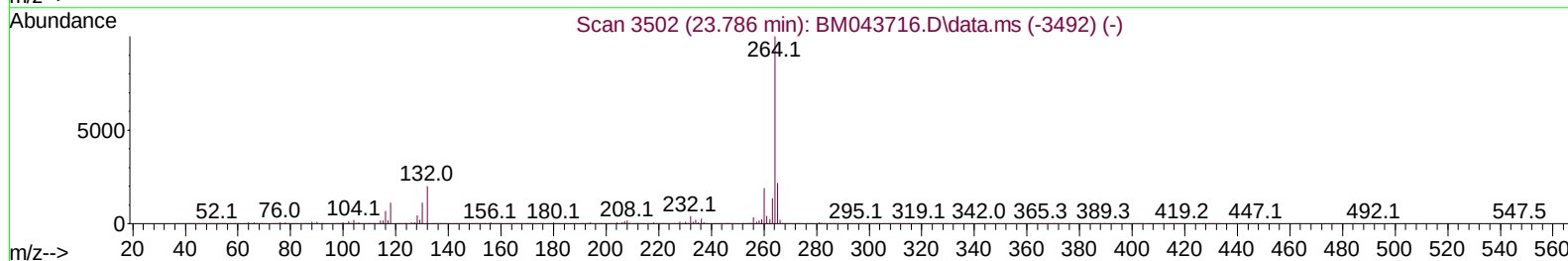
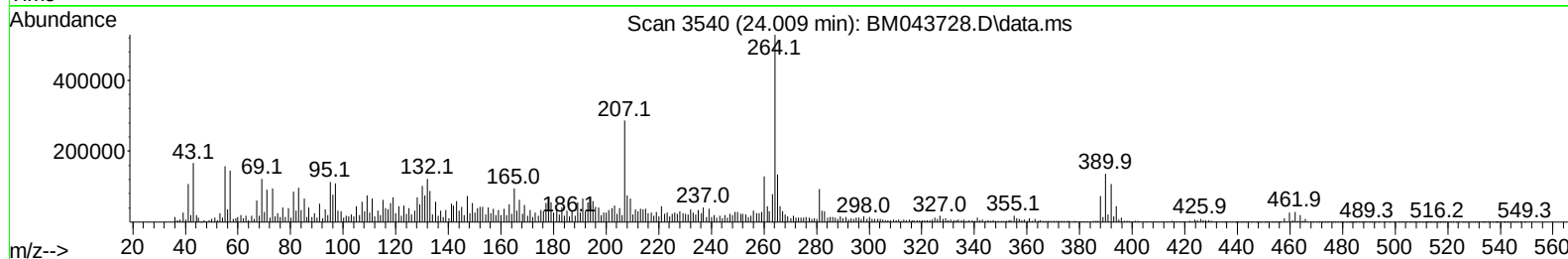
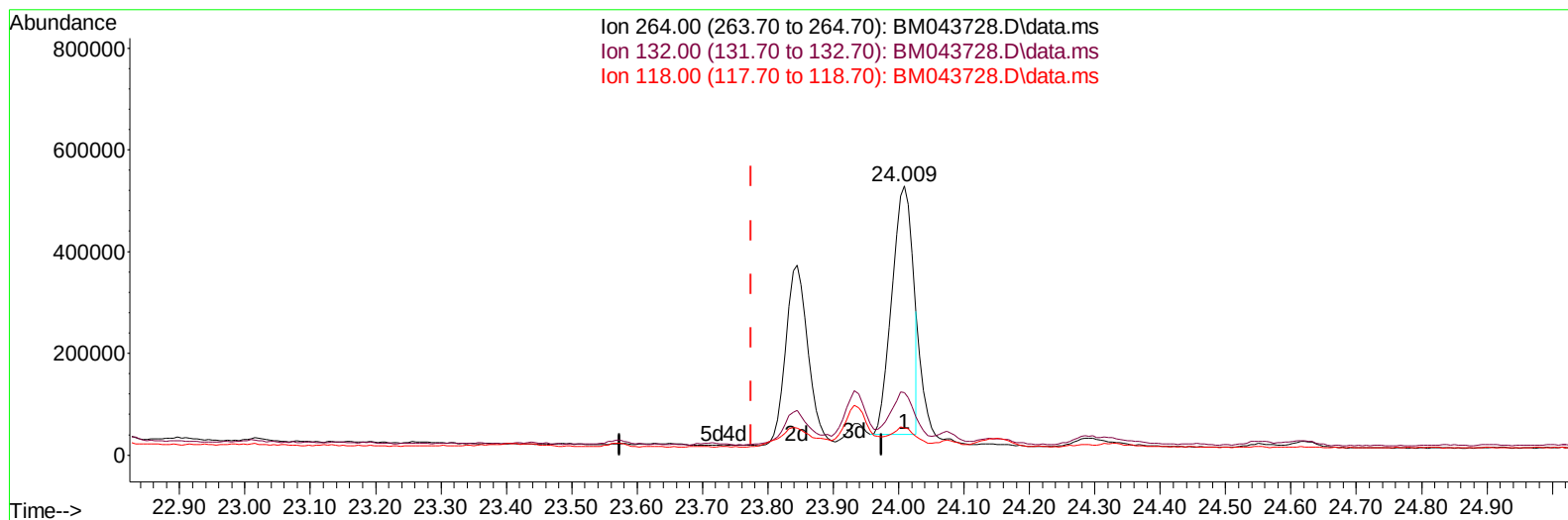
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 13:03:46 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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Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024



TIC: BM043728.D\data.ms

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

24.009min (+ 0.235) 14.04 ng/ul

response 1099971

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	23.16
118.00	11.60	10.09
0.00	0.00	0.00

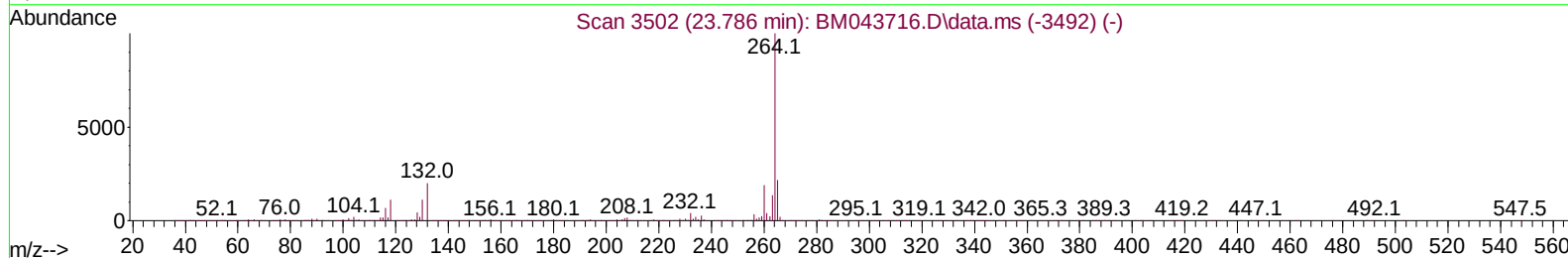
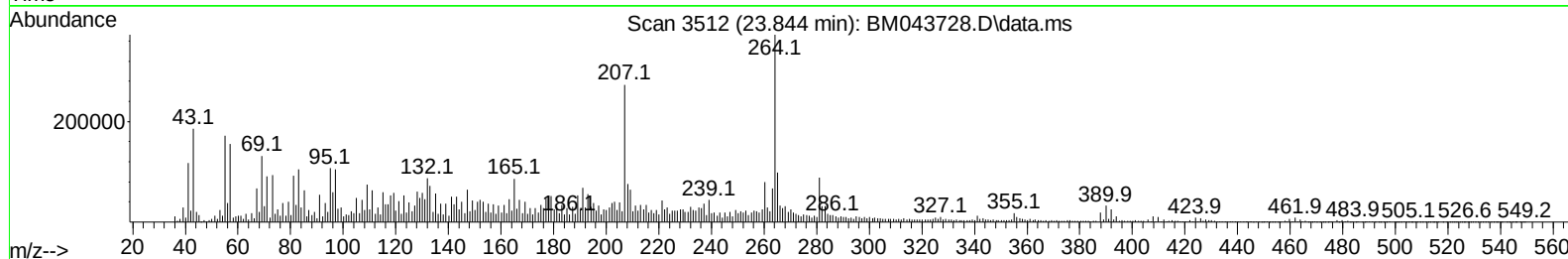
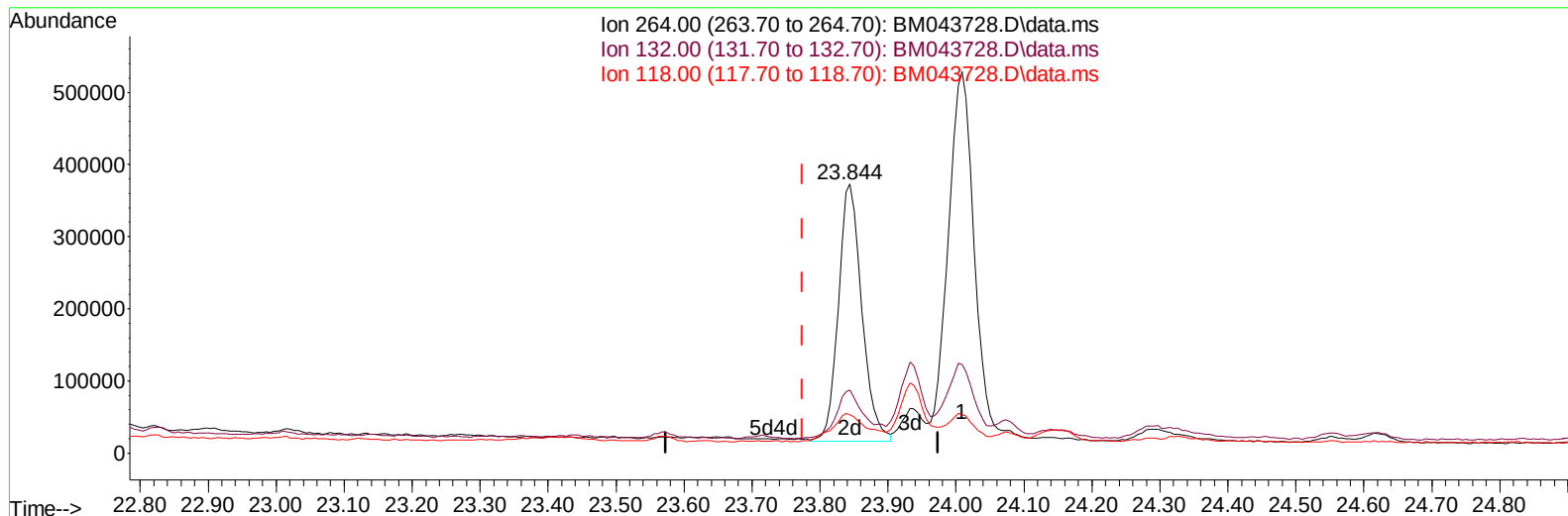
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 03 13:03:46 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: BM043728.D\data.ms

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

23.844min (+ 0.070) 10.93 ng/ul m

response 856192

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	20.20	23.47
118.00	11.60	14.38#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043728.D
 Acq On : 03 Jan 2024 12:07
 Operator : MA/JU
 Sample : 05952-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 04 00:01:52 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	238277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	1029298	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.610	164	625822	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.421	188	1115720	20.000	ng/ul	# 0.08
79) Chrysene-d12	21.574	240	1423732	20.000	ng/ul	0.05
88) Perylene-d12	24.009	264	1269901	20.000	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	11213	1.529	ng/uL	0.00
4) Pyridine-d5	3.840	84	43148m	2.045	ng/ul	0.05
7) Phenol-d5	7.151	99	240304	8.865	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.304	67	150418	8.762	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	196228	9.481	ng/ul	0.01
15) 4-Methylphenol-d8	8.698	113	188329	8.954	ng/ul	0.03
21) Nitrobenzene-d5	9.139	128	100416	10.083	ng/ul	0.01
24) 2-Nitrophenol-d4	9.863	143	110720	10.760	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.410	165	185165	10.194	ng/ul	0.03
31) 4-Chloroaniline-d4	10.945	131	4577	0.171	ng/ul	0.03
46) Dimethylphthalate-d6	14.027	166	580639	10.307	ng/ul	0.01
49) Acenaphthylene-d8	14.304	160	729193	10.911	ng/ul	0.02
54) 4-Nitrophenol-d4	14.821	143	20281	1.902	ng/ul	0.03
60) Fluorene-d10	15.609	176	514668	11.048	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.762	200	65642m	8.896	ng/ul	0.05
73) Anthracene-d10	17.509	188	687954	10.995	ng/ul	0.07
81) Pyrene-d10	19.792	212	711206	6.327	ng/ul	0.06
92) Benzo(a)pyrene-d12	23.844	264	856192m	10.926	ng/ul	0.07
Target Compounds						
						Qvalue
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4597049m	416.917	ng/ul	
71) Pentachlorophenol	17.045	266	32140098m	3510.629	ng/ul	
74) Anthracene	17.545	178	776909	10.180	ng/ul#	57
82) Pyrene	19.821	202	3230189	22.573	ng/ul#	85
87) Chrysene	21.586	228	867588m	8.101	ng/ul	
90) Benzo(b)fluoranthene	23.256	252	184006m	1.891	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043728.D
Acq On : 03 Jan 2024 12:07
Operator : MA/JU
Sample : 05952-18
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GCFA1

Manual IntegrationsAPPROVED

Quant Time: Jan 04 00:01:52 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

