

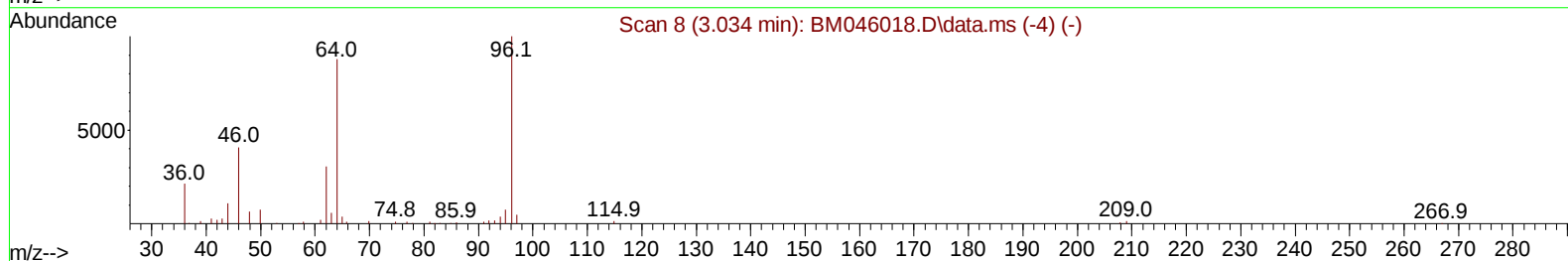
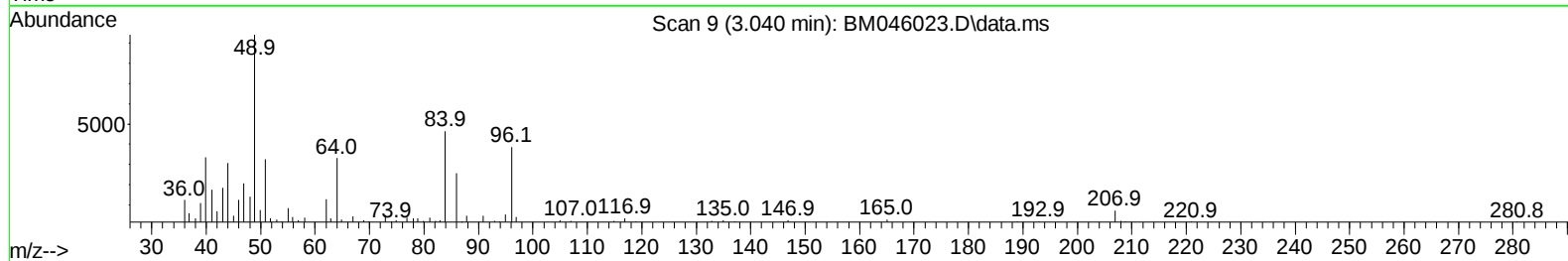
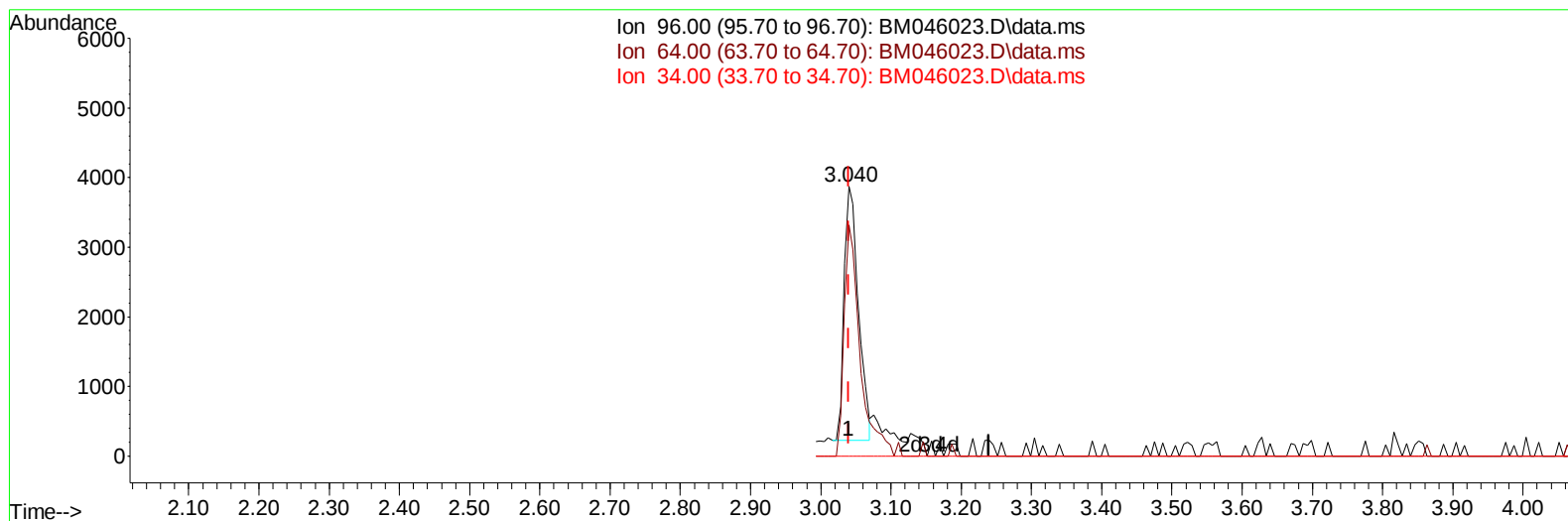
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:27:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.040min (+ 0.000) 1.72 ng/uL

response 5166

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.70	85.77
34.00	0.00	0.00
0.00	0.00	0.00

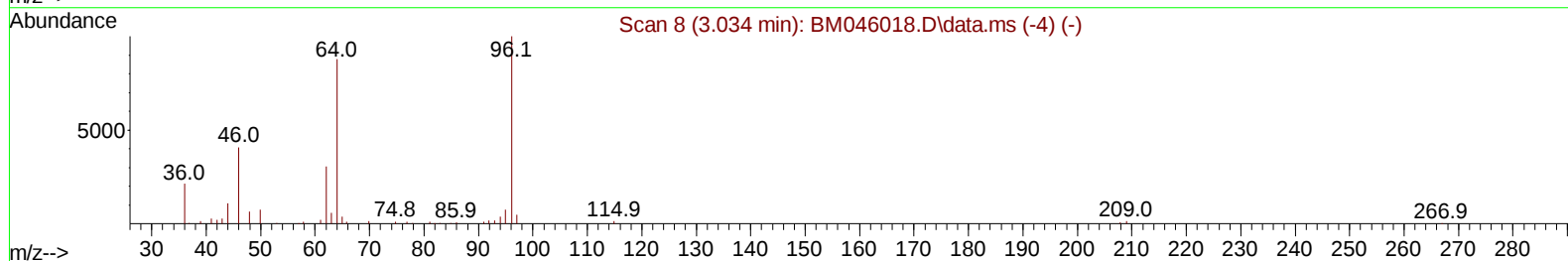
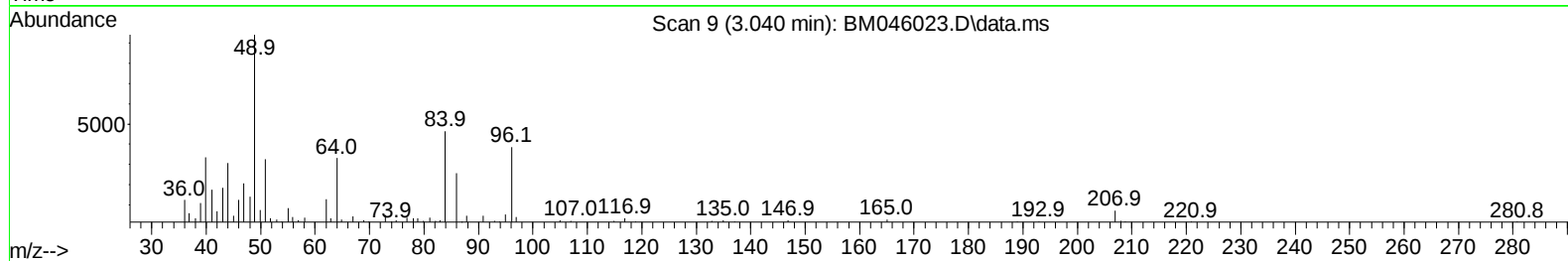
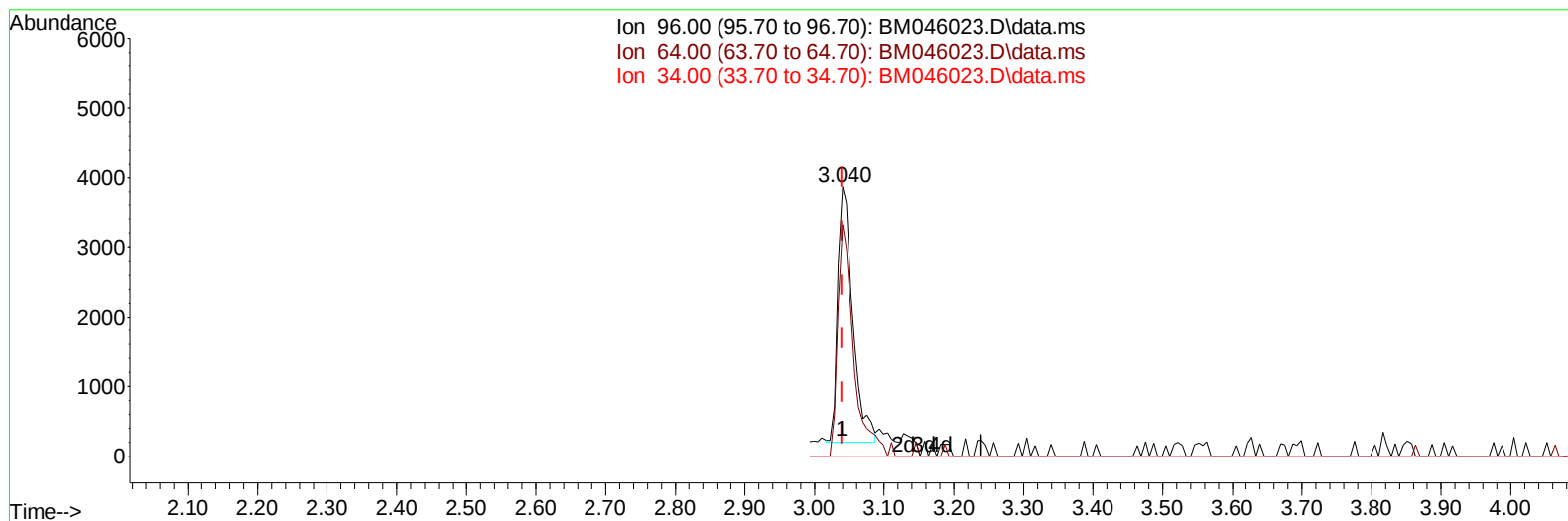
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 15:27:25 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration



TIC: BM046023.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.040min (+ 0.000) 1.85 ng/uL m****response 5557**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	88.70	85.77
34.00	0.00	0.00
0.00	0.00	0.00

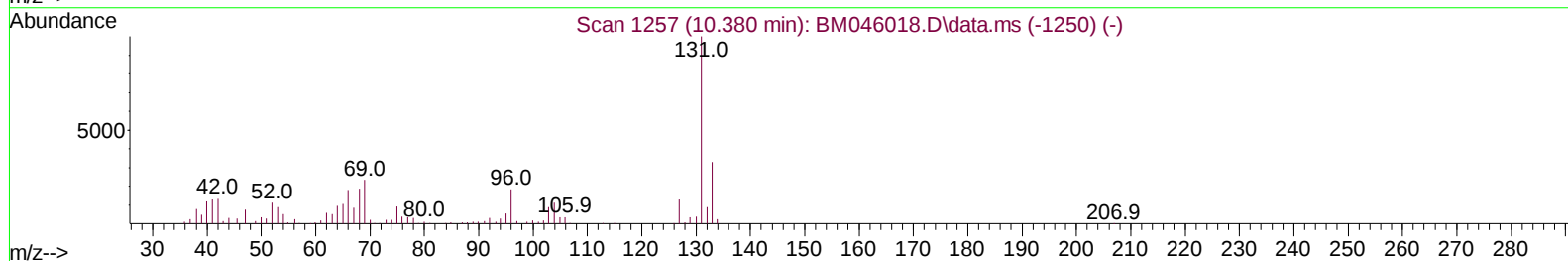
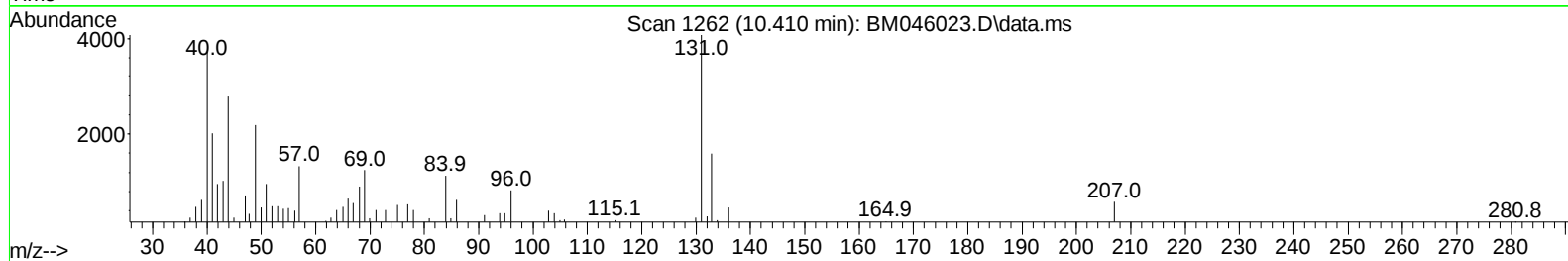
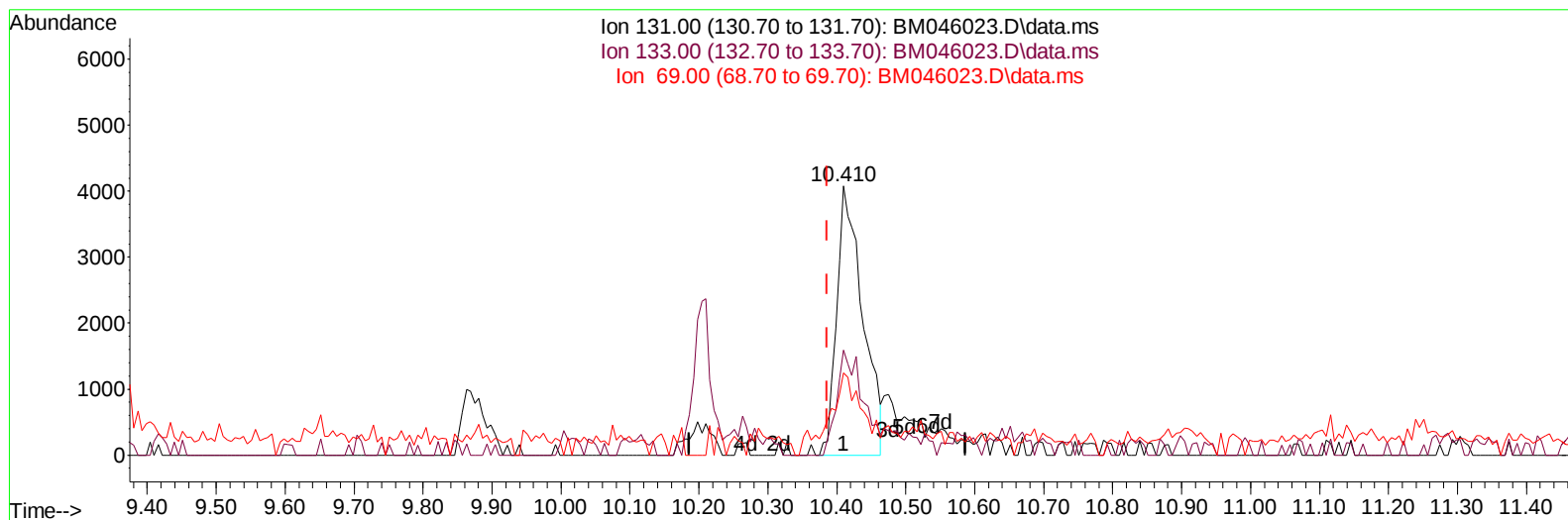
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.410min (+ 0.024) 1.11 ng/u1

response 10601

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	38.95
69.00	20.10	30.56#
0.00	0.00	0.00

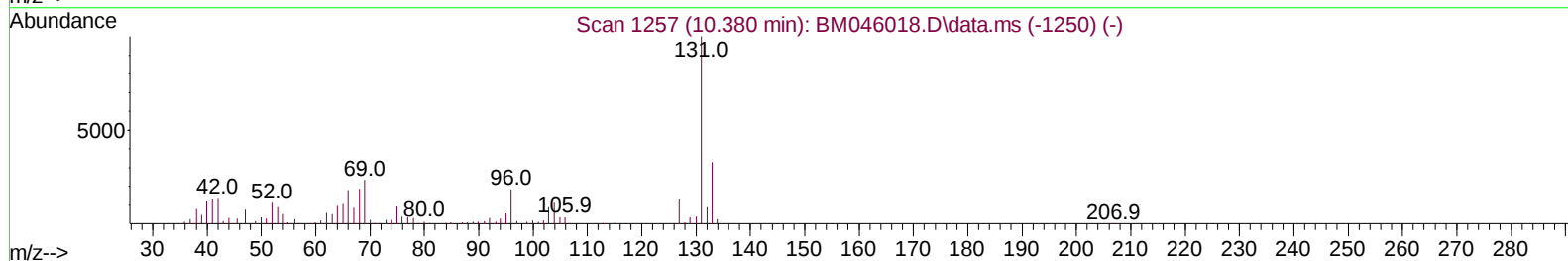
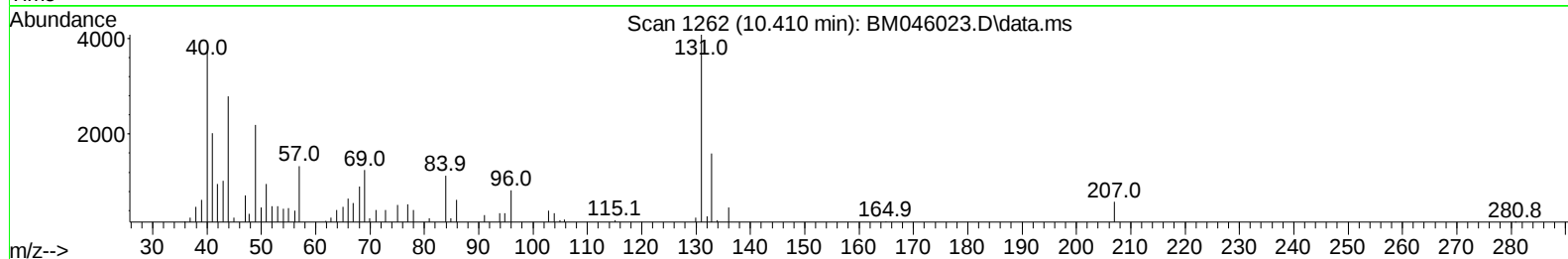
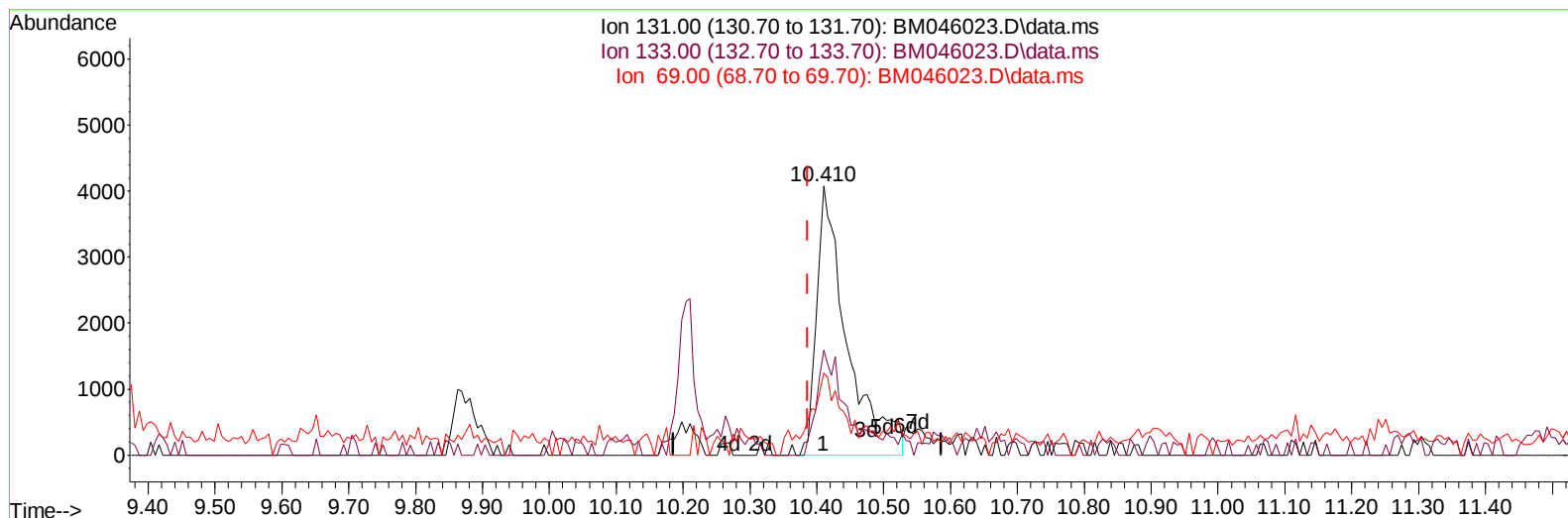
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
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 QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.410min (+ 0.024) 1.35 ng/ul m

response 12931

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	38.95
69.00	20.10	30.56#
0.00	0.00	0.00

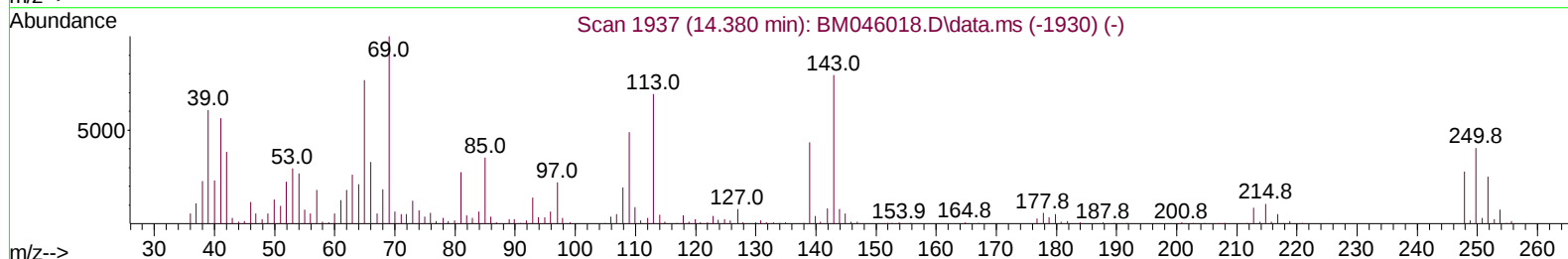
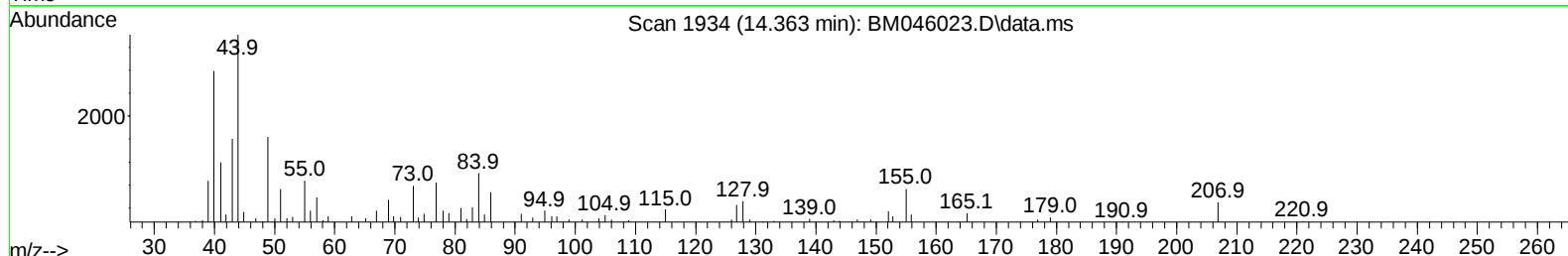
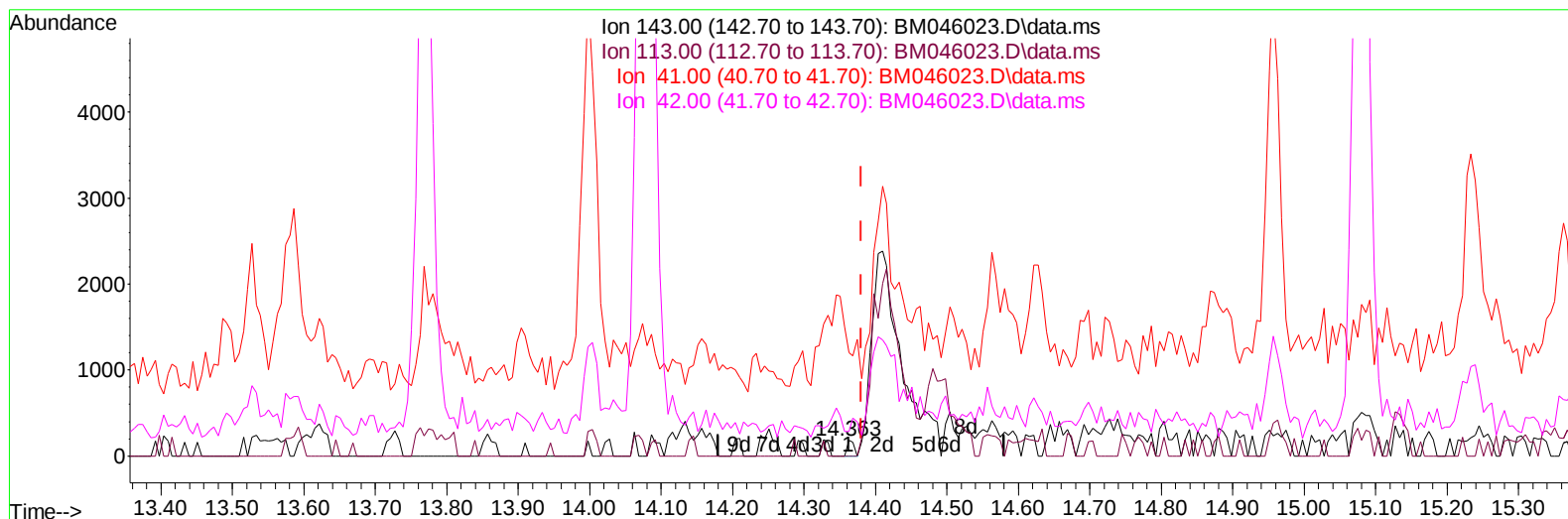
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.363min (-0.018) 0.03 ng/ul

response 121

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	0.00#
41.00	63.20	651.09#
42.00	42.00	157.07#

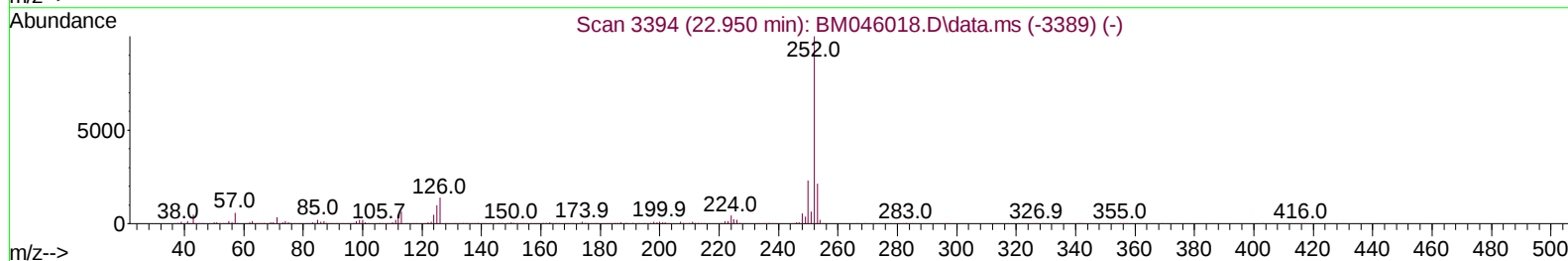
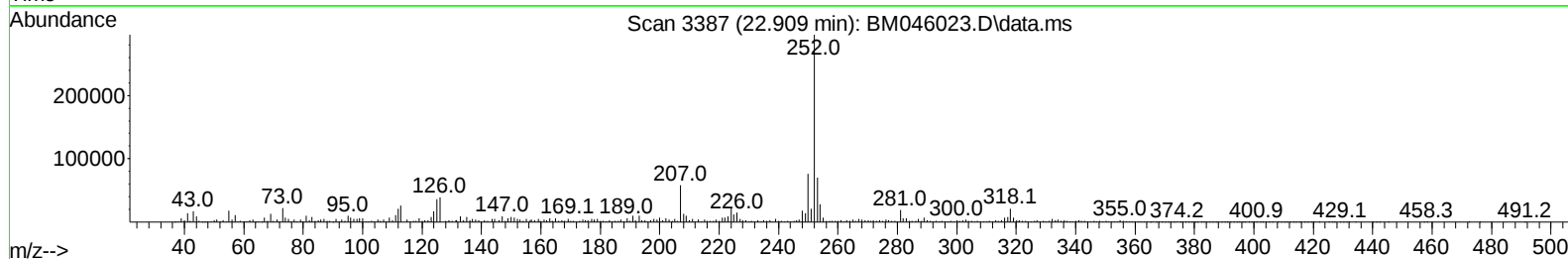
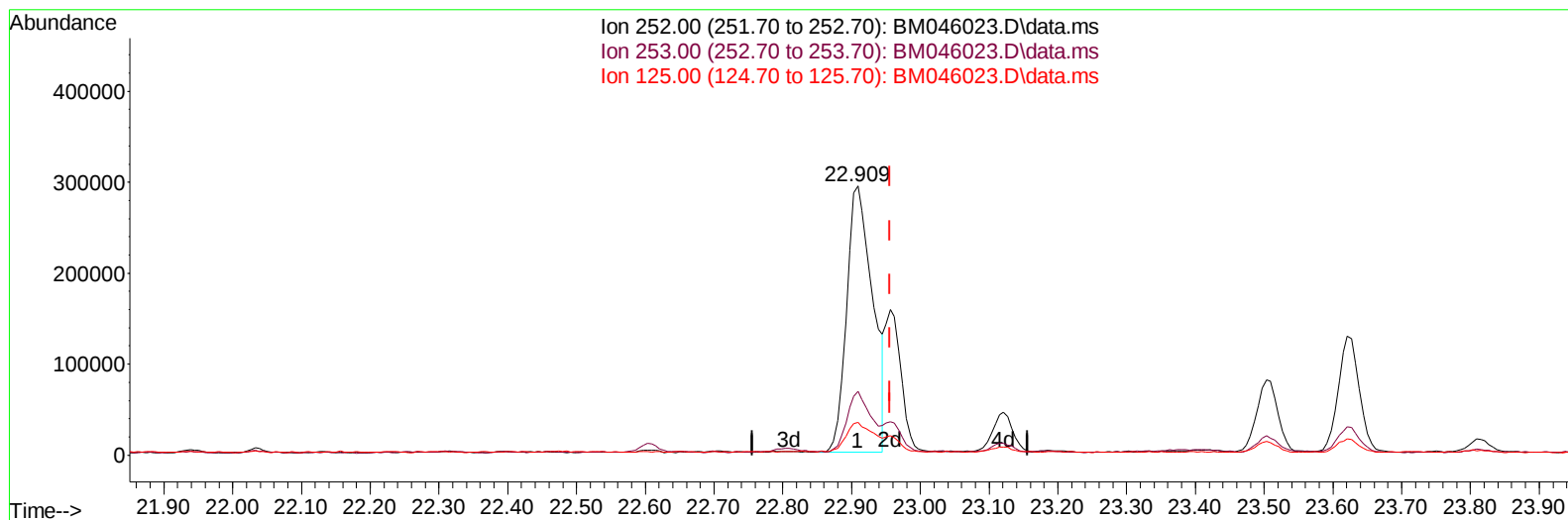
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(91) Benzo(k)fluoranthene

22.909min (-0.047) 20.51 ng/u1

response 770992

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.67
125.00	10.30	12.28
0.00	0.00	0.00

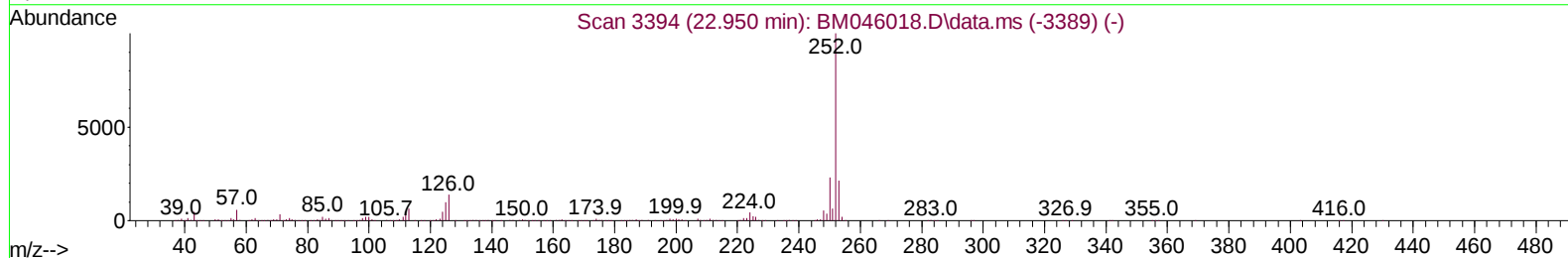
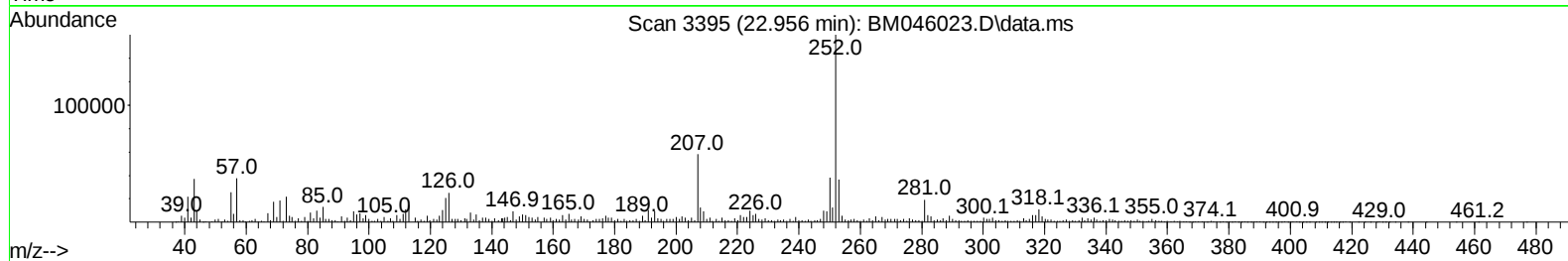
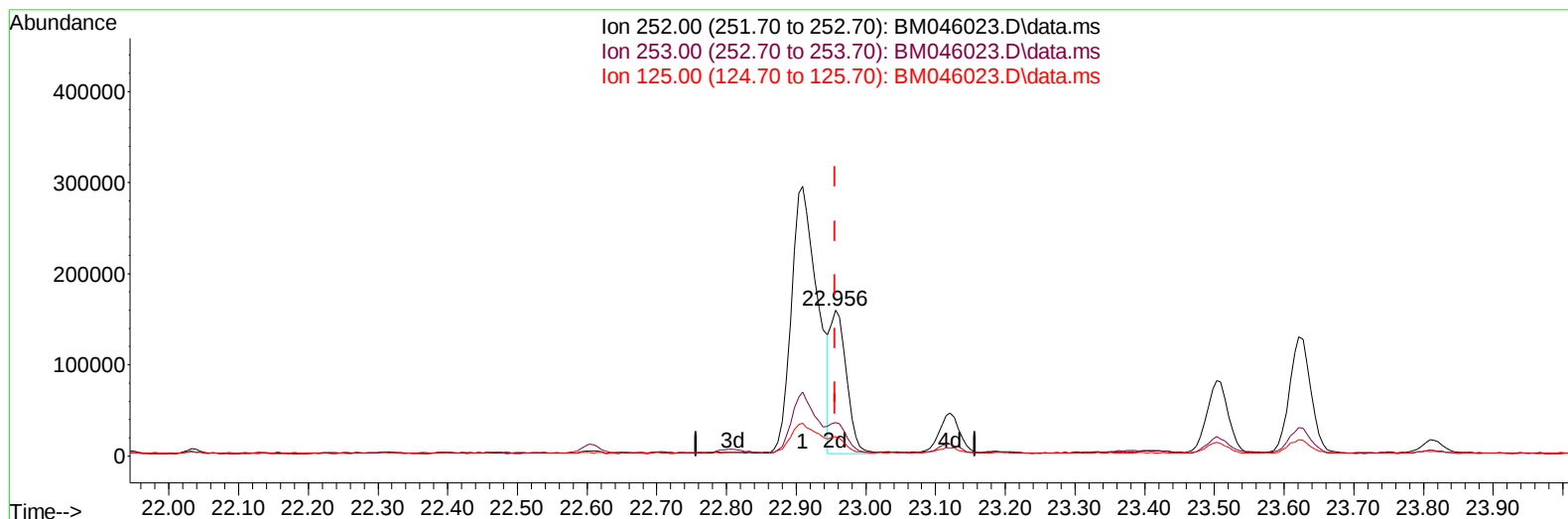
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
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Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(91) Benzo(k)fluoranthene

22.956min (+ 0.000) 6.70 ng/u1 m

response 251759

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.95
125.00	10.30	13.14#
0.00	0.00	0.00

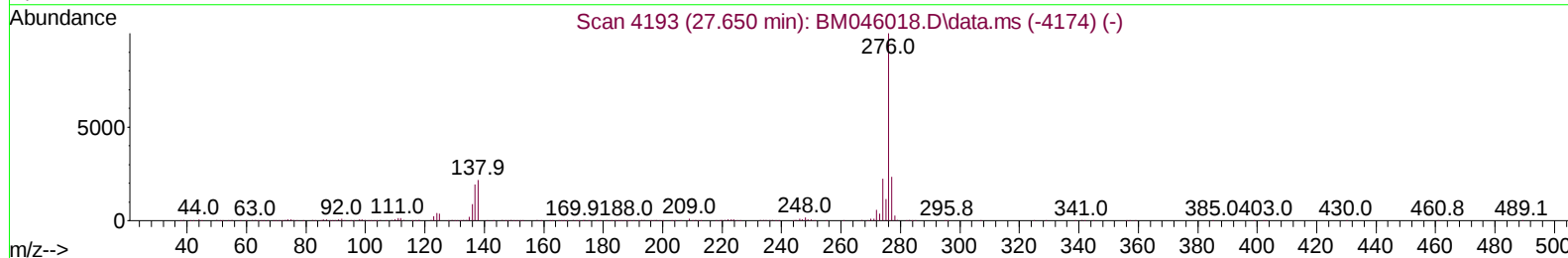
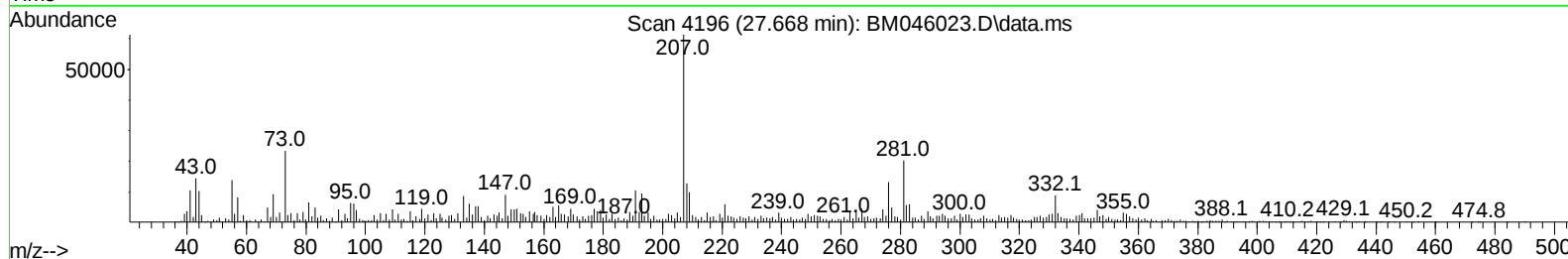
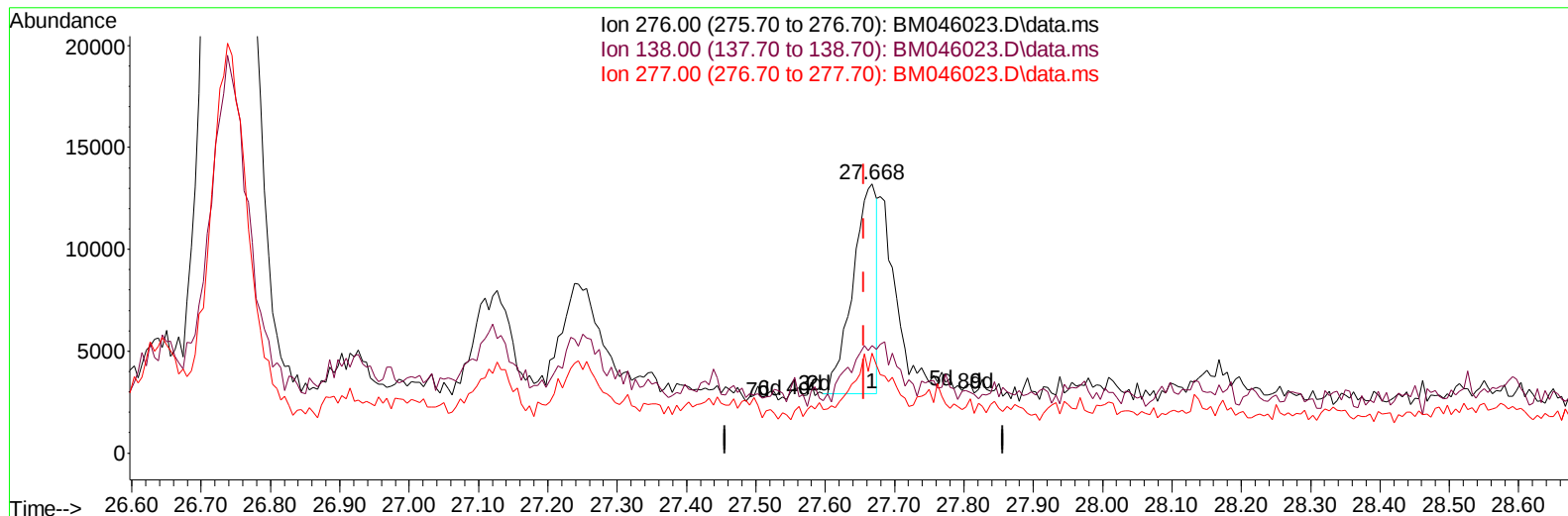
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046023.D\data.ms

(96) Benzo(g,h,i)perylene

27.668min (+ 0.012) 0.76 ng/u1

response 24748

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	40.03#
277.00	23.40	37.13#
0.00	0.00	0.00

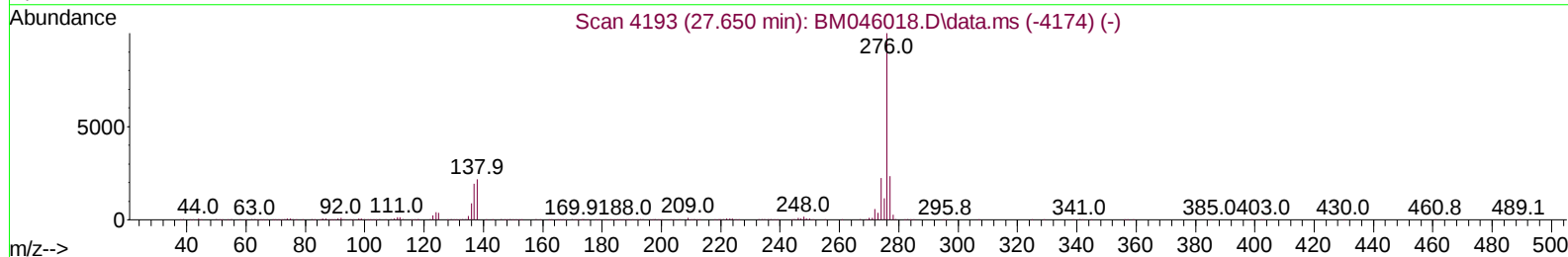
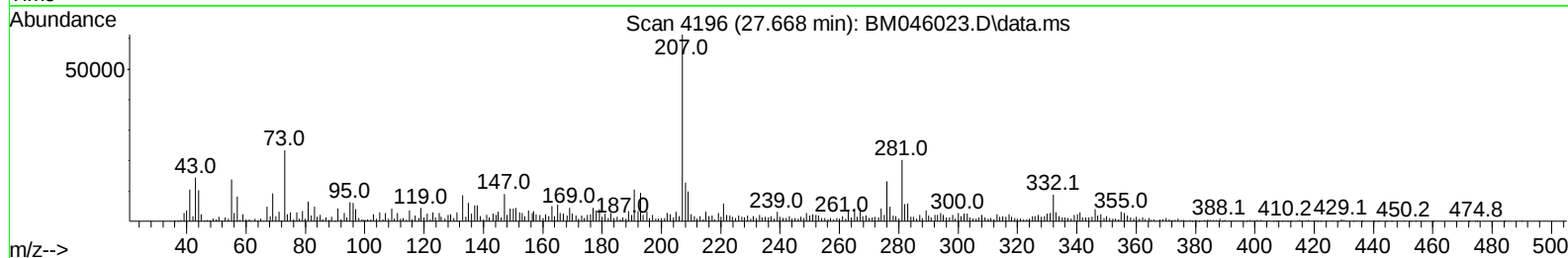
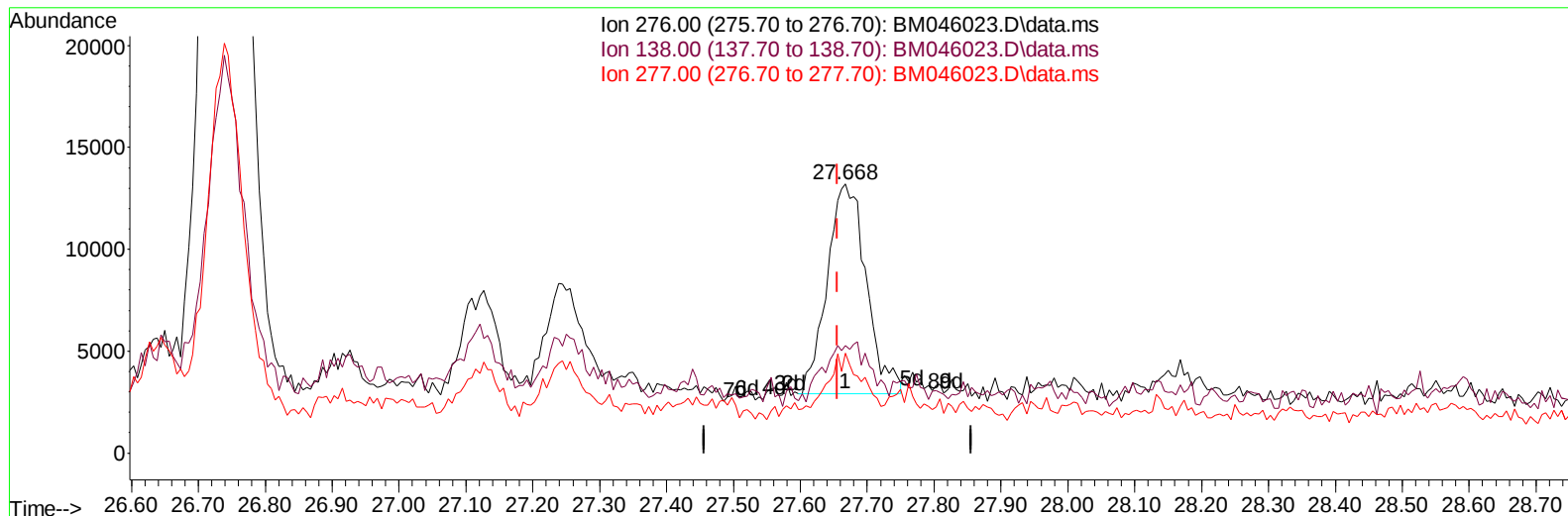
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Data File : BM046023.D
Acq On : 13 Jun 2024 14:38
Operator : MA/JU
Sample : P2648-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 13 15:23:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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TIC: BM046023.D\data.ms

(96) Benzo(g,h,i)perylene

27.668min (+ 0.012) 1.29 ng/ul m

response 41831

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	40.03#
277.00	23.40	37.13#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046023.D
 Acq On : 13 Jun 2024 14:38
 Operator : MA/JU
 Sample : P2648-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBW1

Manual IntegrationsAPPROVED

Quant Time: Jun 14 01:10:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/15/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.434	152		116473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136		465558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164		282003	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188		567711	20.000	ng/ul	0.00
79) Chrysene-d12	21.045	240		535886	20.000	ng/ul	0.00
88) Perylene-d12	23.750	264		626393	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.040	96		5557m	1.850	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.699	99		92409	9.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67		108290	15.241	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132		99461	13.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.216	113		56616	7.574	ng/ul	0.00
21) Nitrobenzene-d5	8.604	128		57588	15.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.316	143		52685	14.301	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.869	165		87135	12.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.410	131		12931m	1.352	ng/ul	0.02
46) Dimethylphthalate-d6	13.533	166		320969	16.441	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160		378186	16.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143		7039m	1.671	ng/ul	0.03
60) Fluorene-d10	15.080	176		281246	16.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.239	200		18309	6.316	ng/ul	0.02
73) Anthracene-d10	16.927	188		407708	16.520	ng/ul	0.00
81) Pyrene-d10	19.227	212		439003	13.173	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264		337762	11.537	ng/ul	0.00
Target Compounds							
						Qvalue	
50) Acenaphthylene	13.798	152		34957	1.332	ng/ul	97
52) Acenaphthene	14.145	153		19677	1.124	ng/ul	96
61) Fluorene	15.139	166		21047	1.106	ng/ul#	98
72) Phenanthrene	16.868	178		509732	17.040	ng/ul	99
74) Anthracene	16.963	178		105012	3.515	ng/ul	99
77) Carbazole	17.251	167		34097	1.337	ng/ul	92
78) Di-n-butylphthalate	17.815	149		38695	1.154	ng/ul#	91
80) Fluoranthene	18.892	202		990939	24.527	ng/ul	100
82) Pyrene	19.257	202		743804	17.919	ng/ul	99
85) Benzo(a)anthracene	21.027	228		541234	14.627	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.974	149		95034	3.781	ng/ul#	96
87) Chrysene	21.080	228		531753	15.535	ng/ul	96
90) Benzo(b)fluoranthene	22.909	252		770992	20.028	ng/ul	96
91) Benzo(k)fluoranthene	22.956	252		251759m	6.696	ng/ul	
93) Benzo(a)pyrene	23.621	252		273804	8.094	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.738	276		265068	7.176	ng/ul	94
95) Dibenzo(a,h)anthracene	26.780	278		96612	3.307	ng/ul#	83
96) Benzo(g,h,i)perylene	27.668	276		41831m	1.286	ng/ul	

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

