

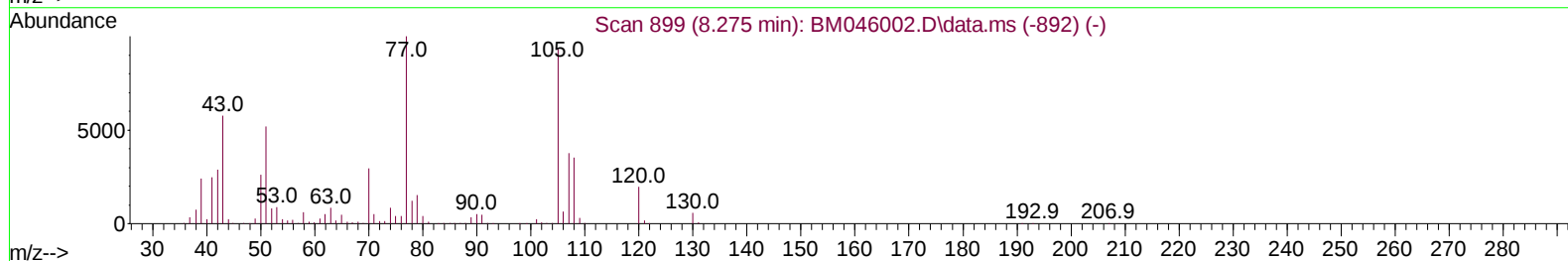
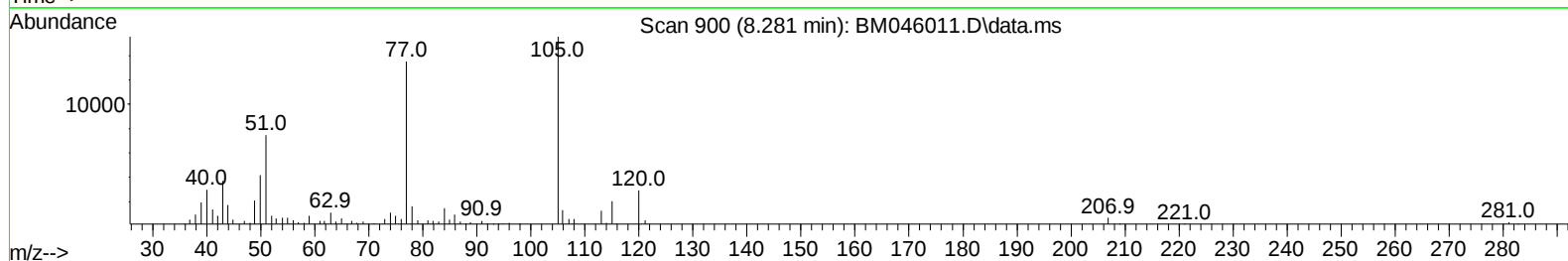
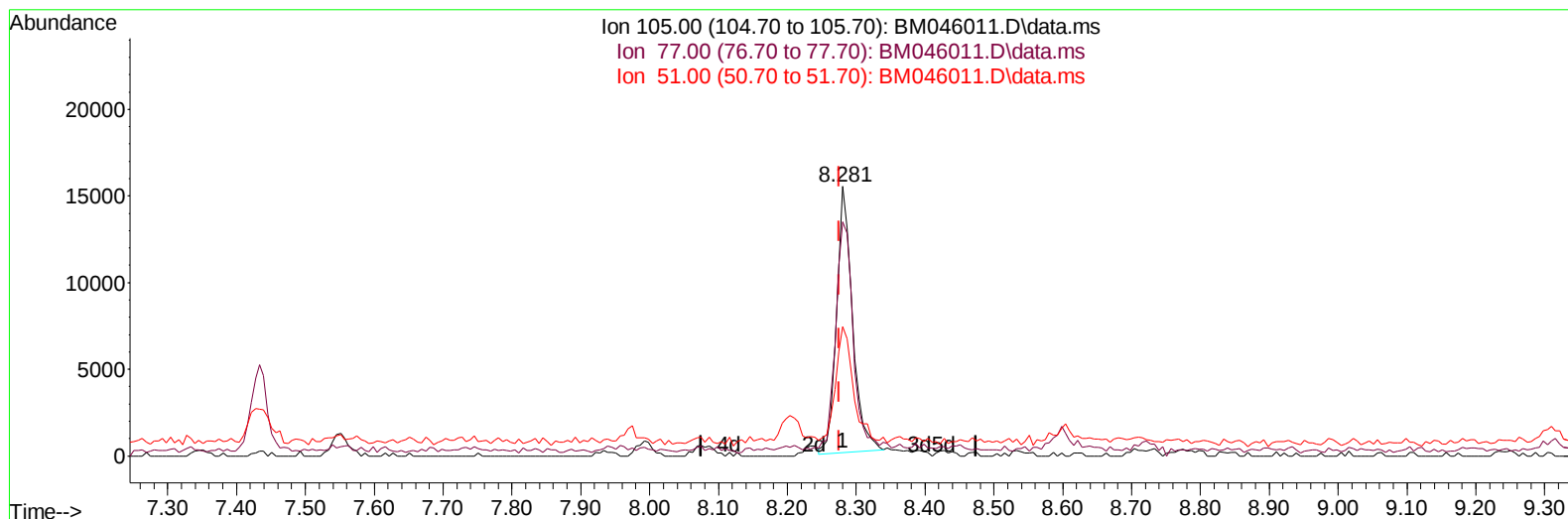
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:21:09 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

(16) Acetophenone

8.281min (+ 0.006) 1.49 ng/u1

response 24815

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	105.90	86.87
51.00	49.20	48.00
0.00	0.00	0.00

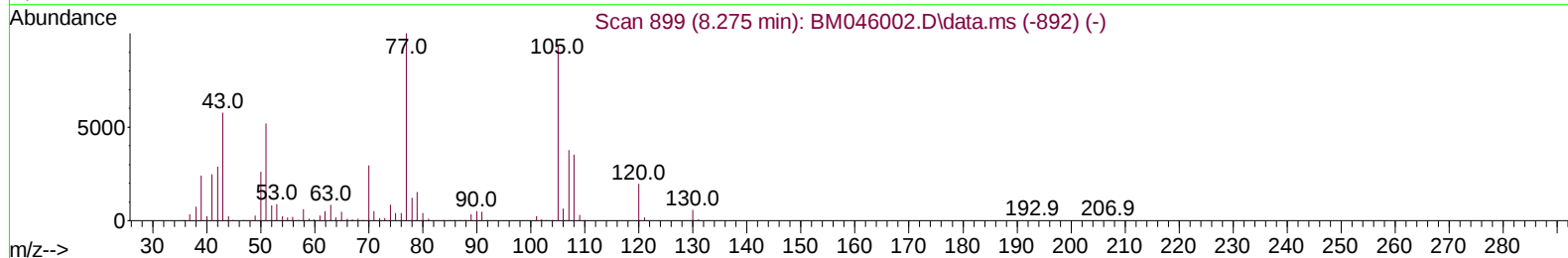
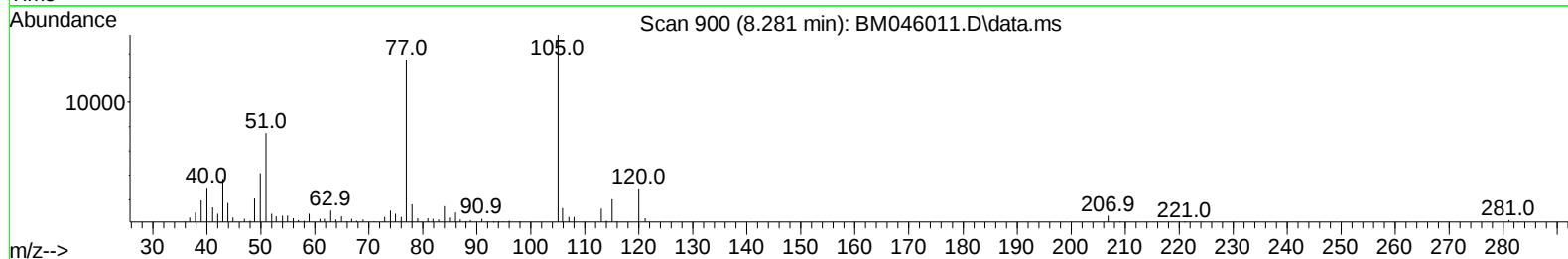
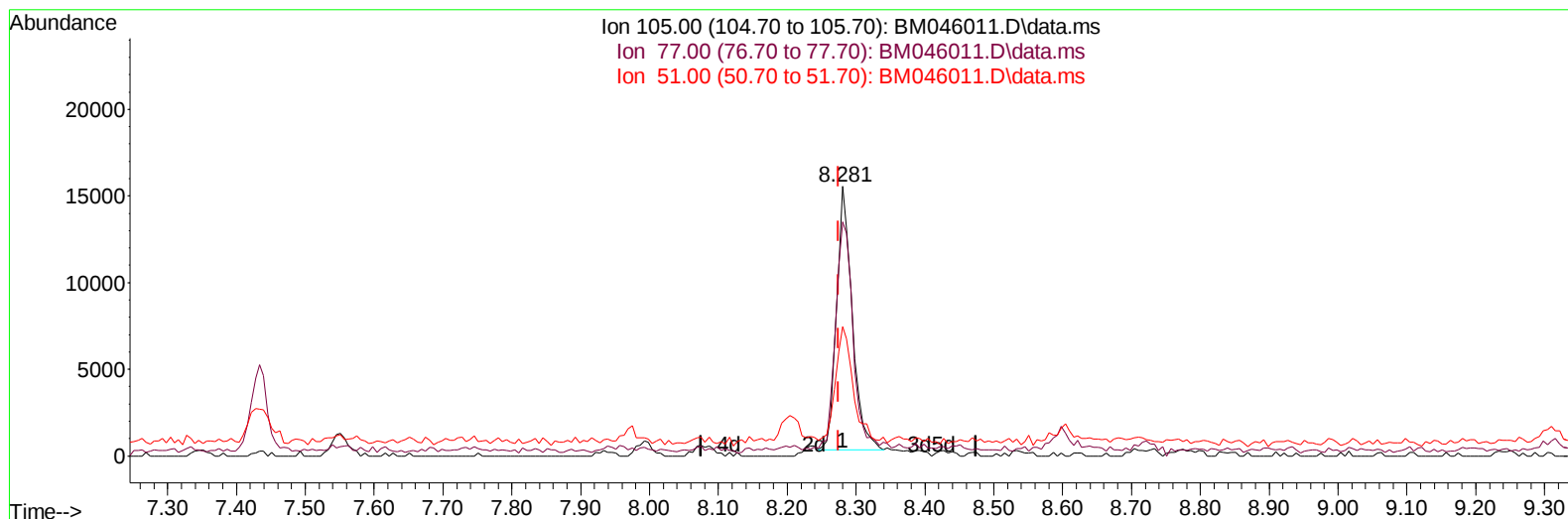
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:21:09 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

(16) Acetophenone

8.281min (+ 0.006) 1.44 ng/u1 m

response 24090

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	105.90	86.87
51.00	49.20	48.00
0.00	0.00	0.00

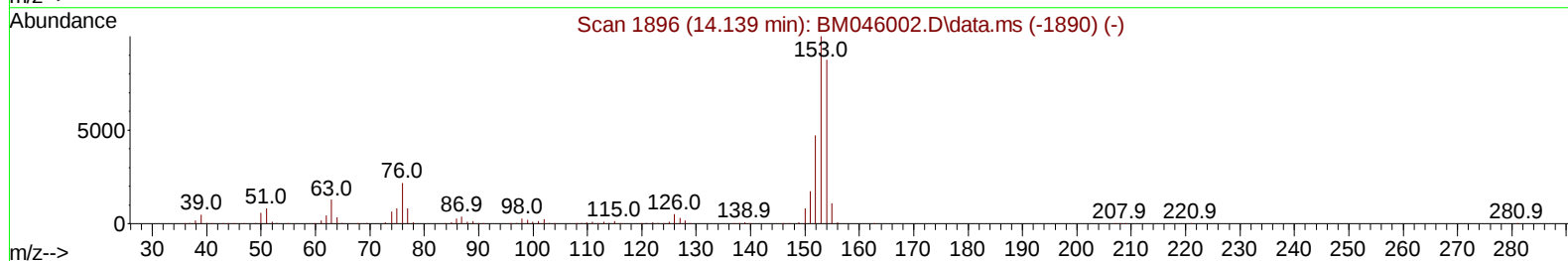
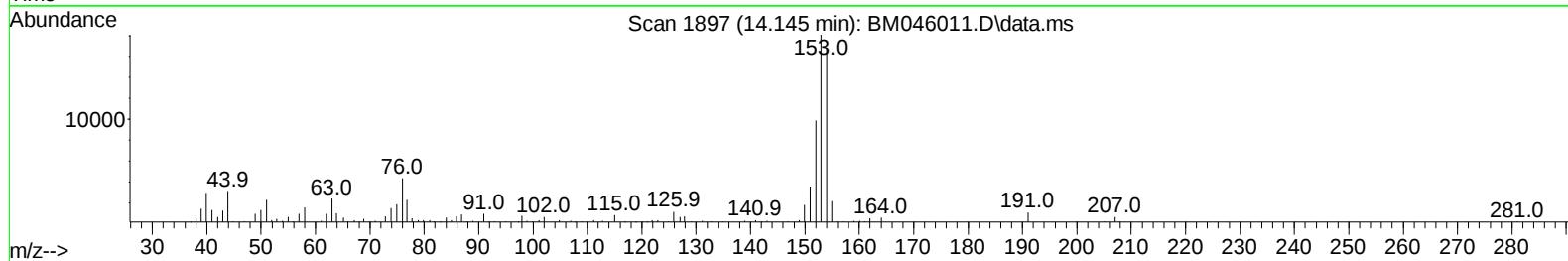
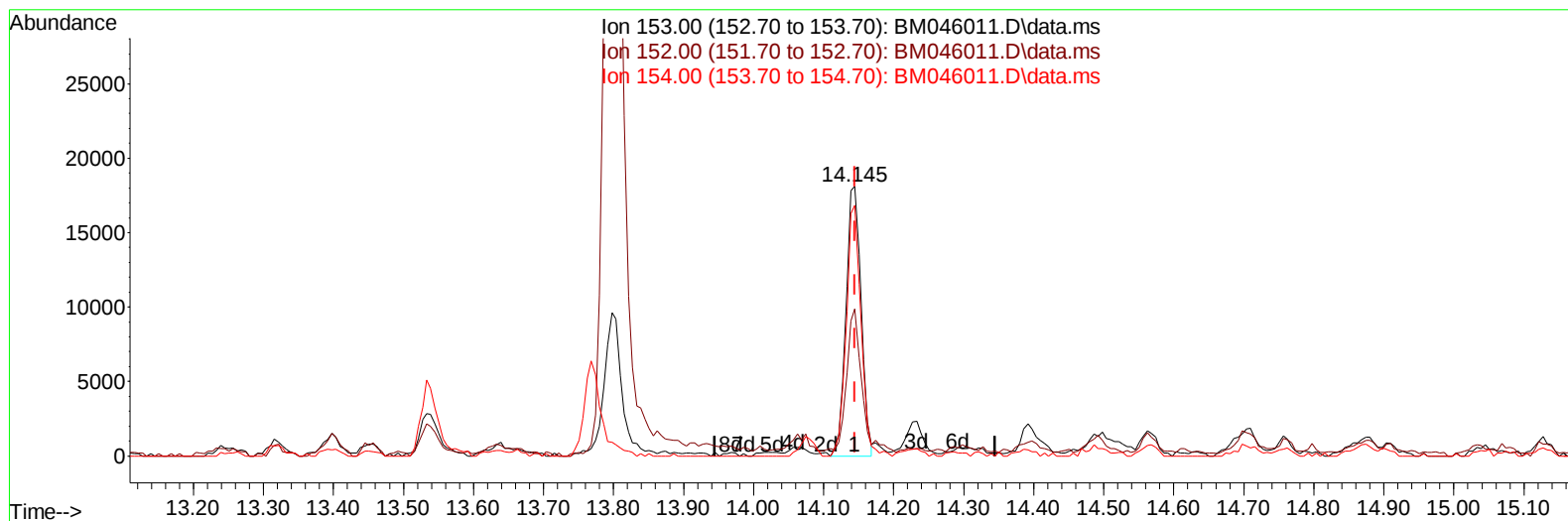
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046011.D
 Acq On : 13 Jun 2024 00:34
 Operator : MA/JU
 Sample : P2659-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:56:14 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 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

(52) Acenaphthene (C)

14.145min (-0.000) 1.11 ng/u1

response 27277

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	48.30	54.56
154.00	88.40	92.93
0.00	0.00	0.00

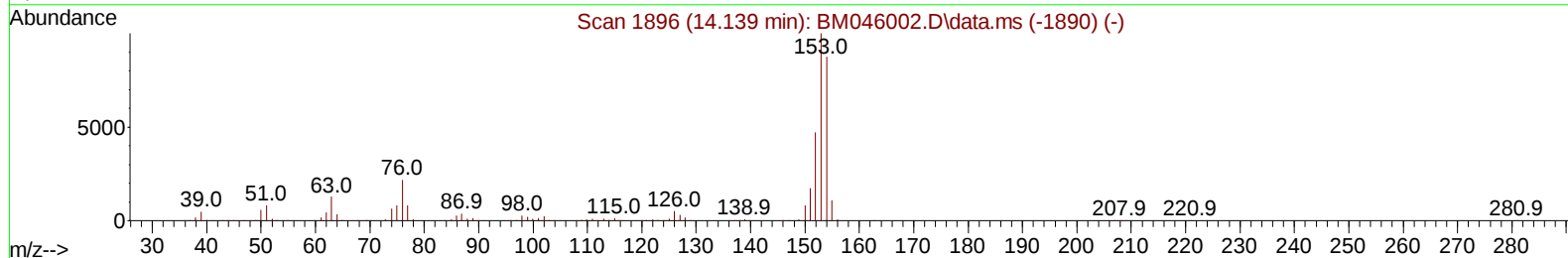
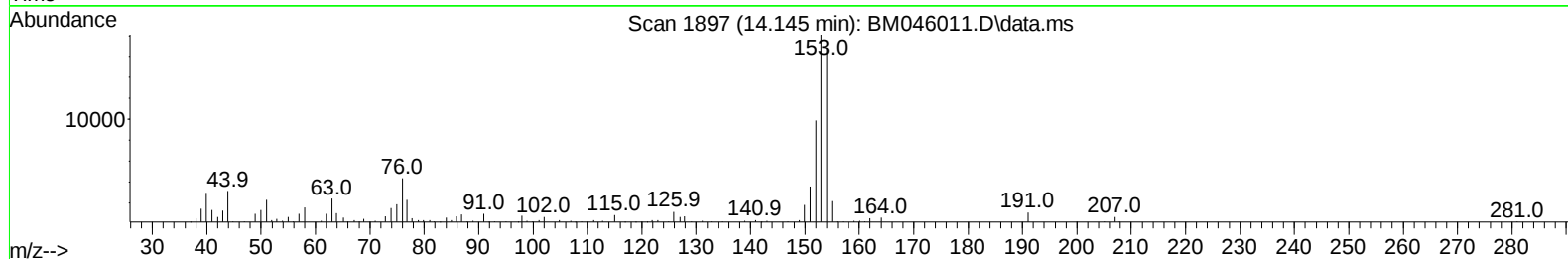
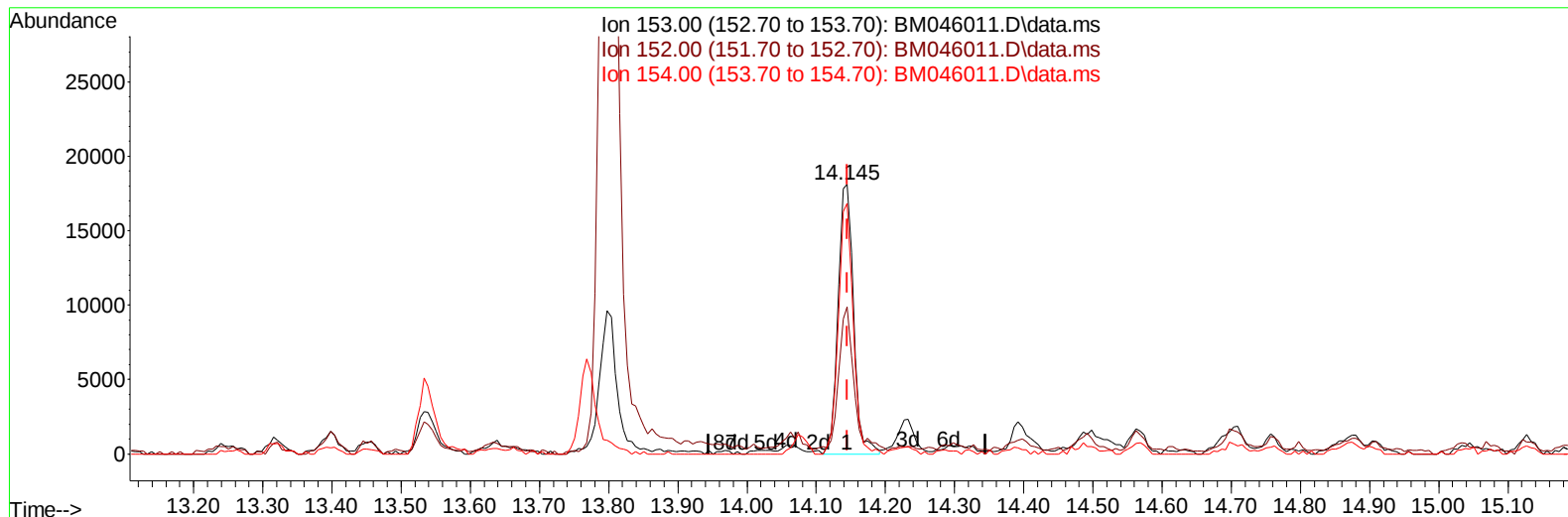
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:56:14 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

(52) Acenaphthene (C)

14.145min (-0.000) 1.15 ng/u1 m

response 28061

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	48.30	54.56
154.00	88.40	92.93
0.00	0.00	0.00

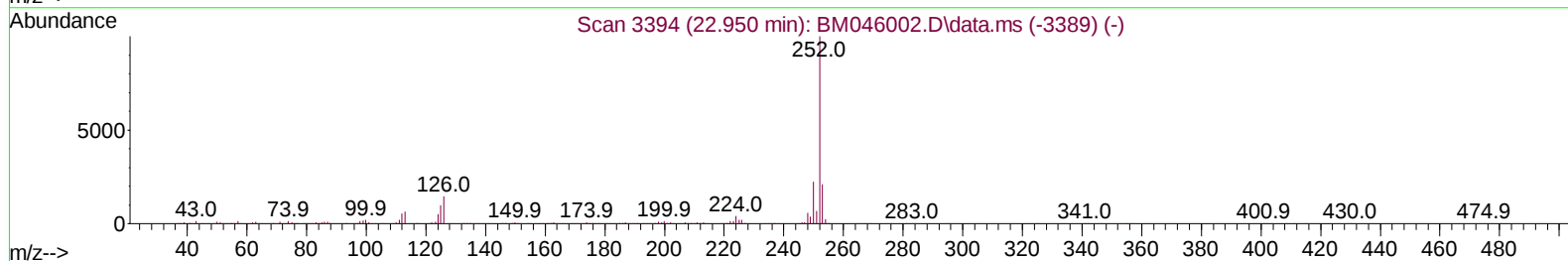
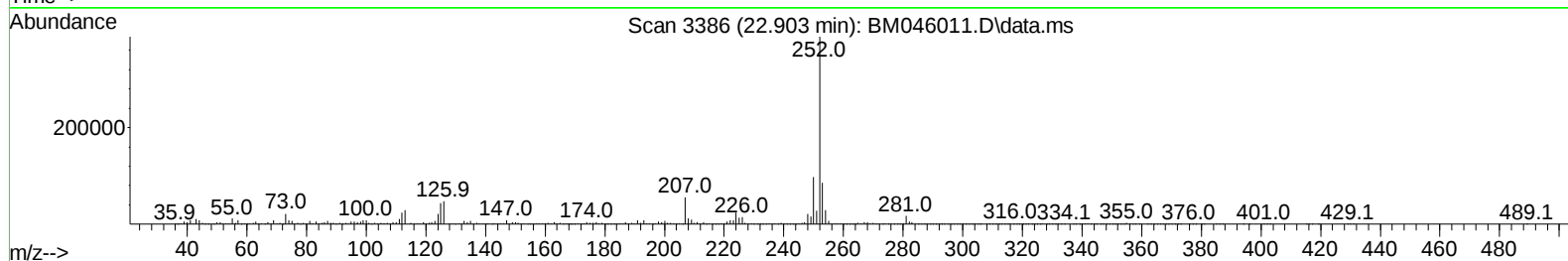
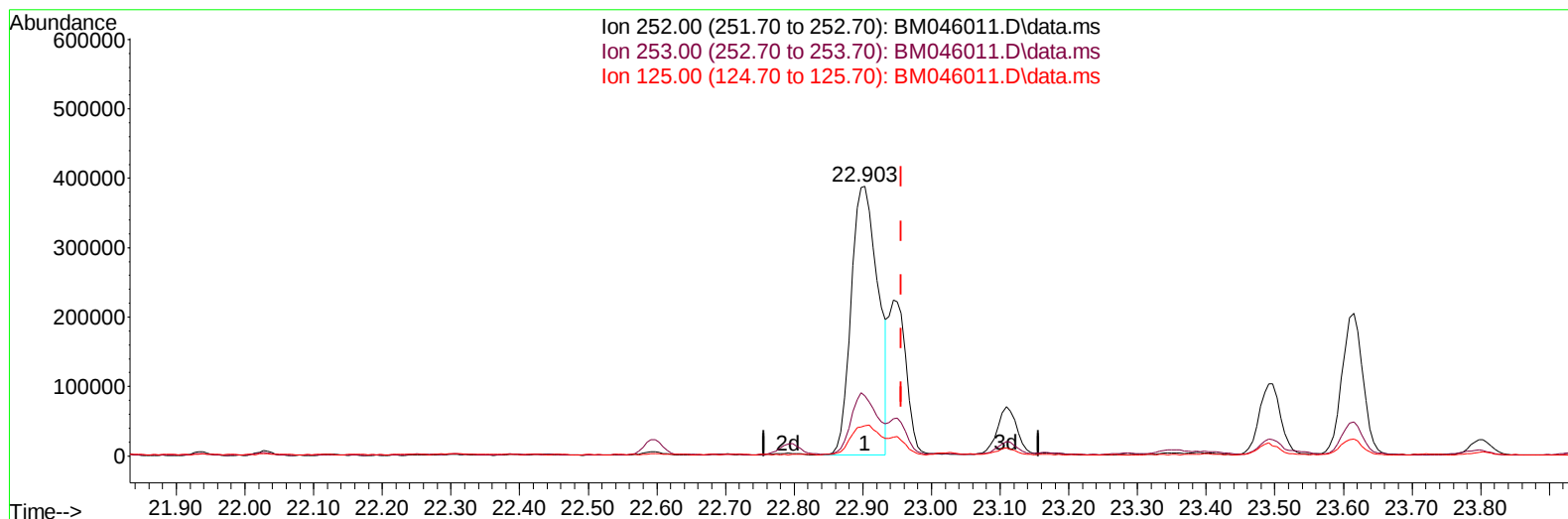
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:54:22 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



TIC: BM046011.D\data.ms

(91) Benzo(k)fluoranthene

22.903min (-0.053) 29.29 ng/u1

response 1061621

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.21
125.00	10.30	11.12
0.00	0.00	0.00

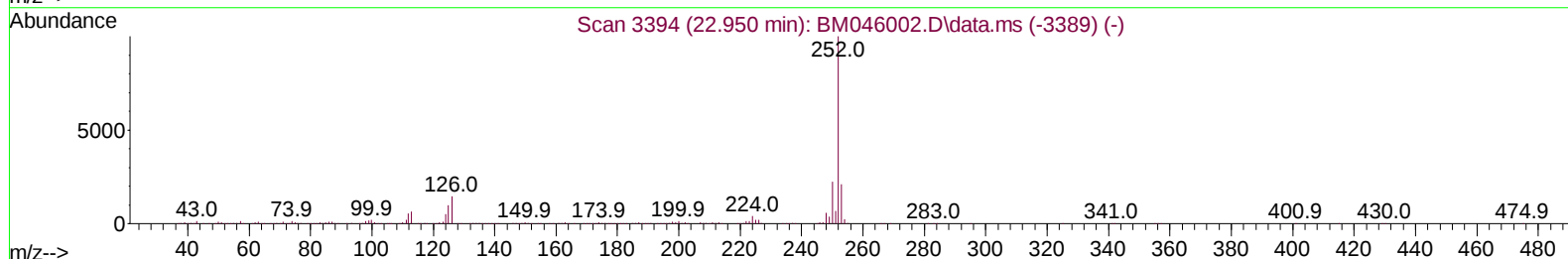
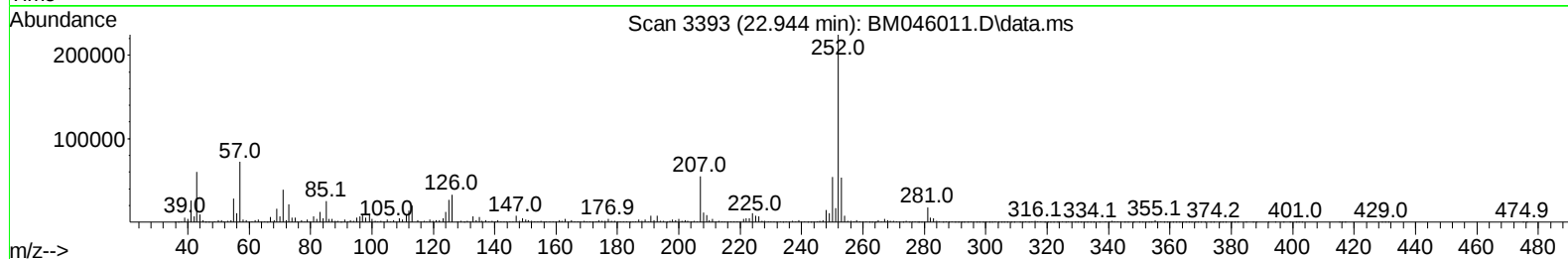
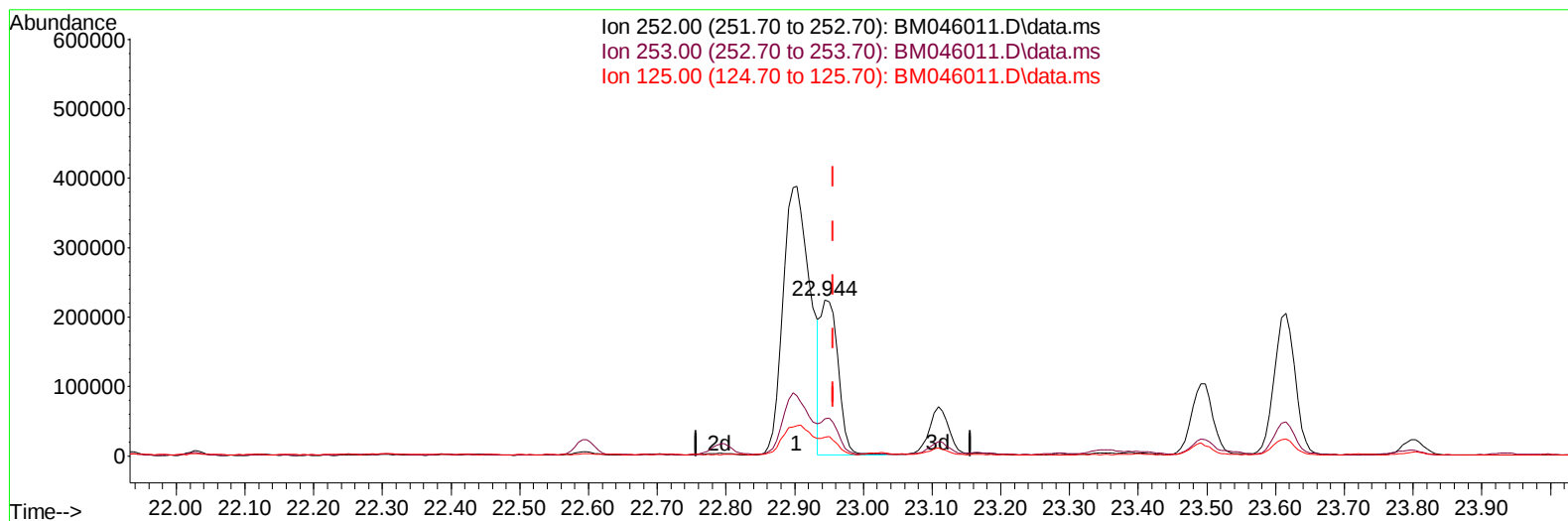
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:54:22 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

(91) Benzo(k)fluoranthene

22.944min (-0.012) 10.98 ng/ul m

response 398058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	23.80
125.00	10.30	12.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046011.D
 Acq On : 13 Jun 2024 00:34
 Operator : MA/JU
 Sample : P2659-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_M

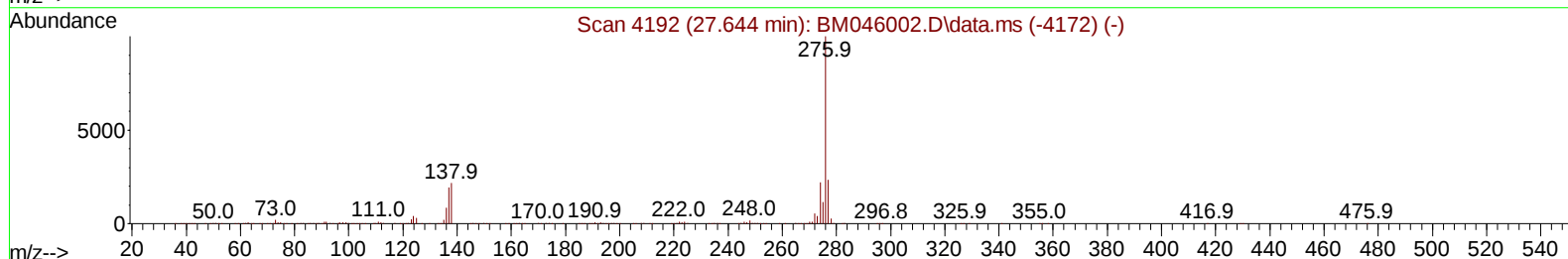
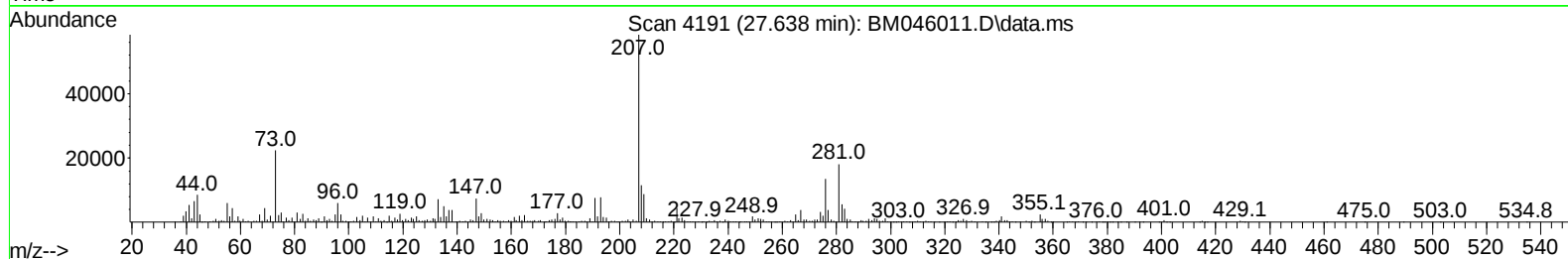
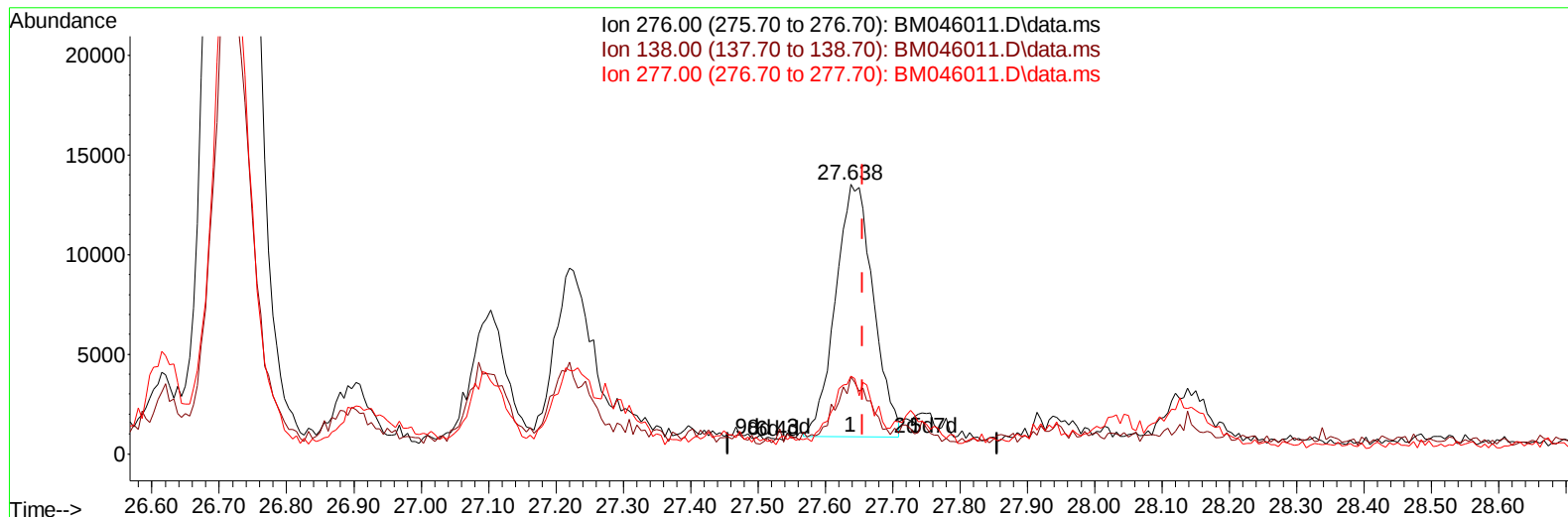
ClientSampleId :

BHC39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 05:07:40 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



TIC: BM046011.D\data.ms

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

27.638min (-0.018) 1.57 ng/u1

response 49367

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	28.77#
277.00	23.40	28.94#
0.00	0.00	0.00

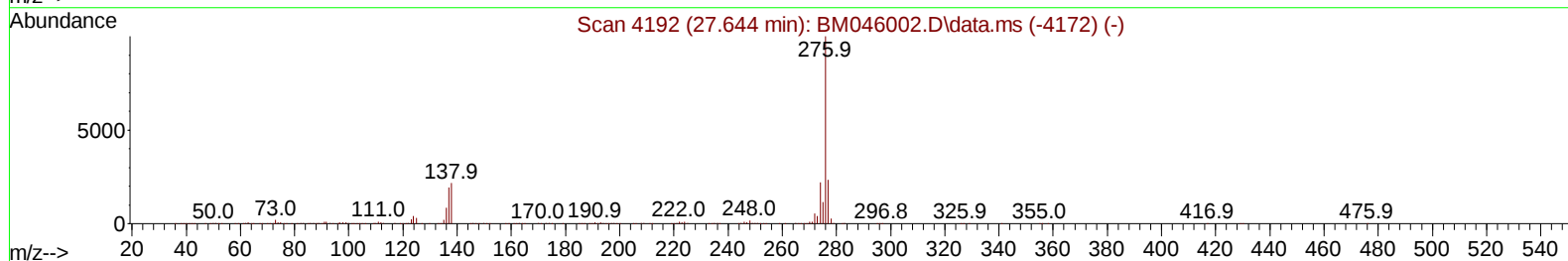
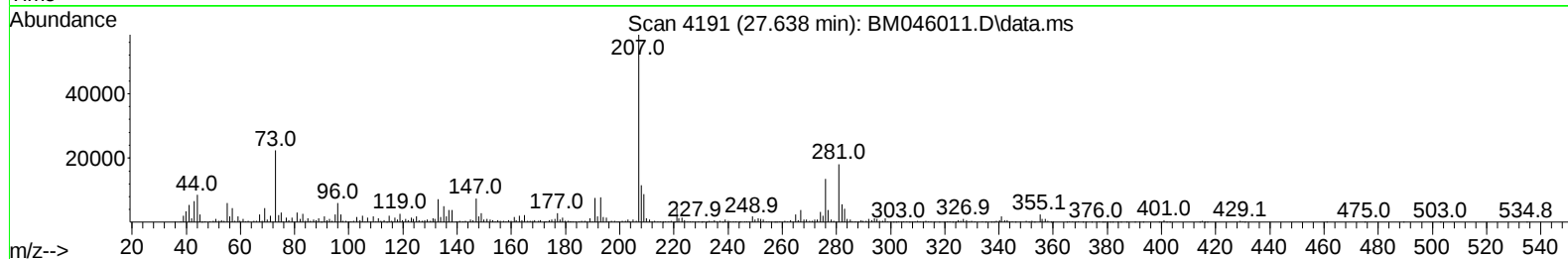
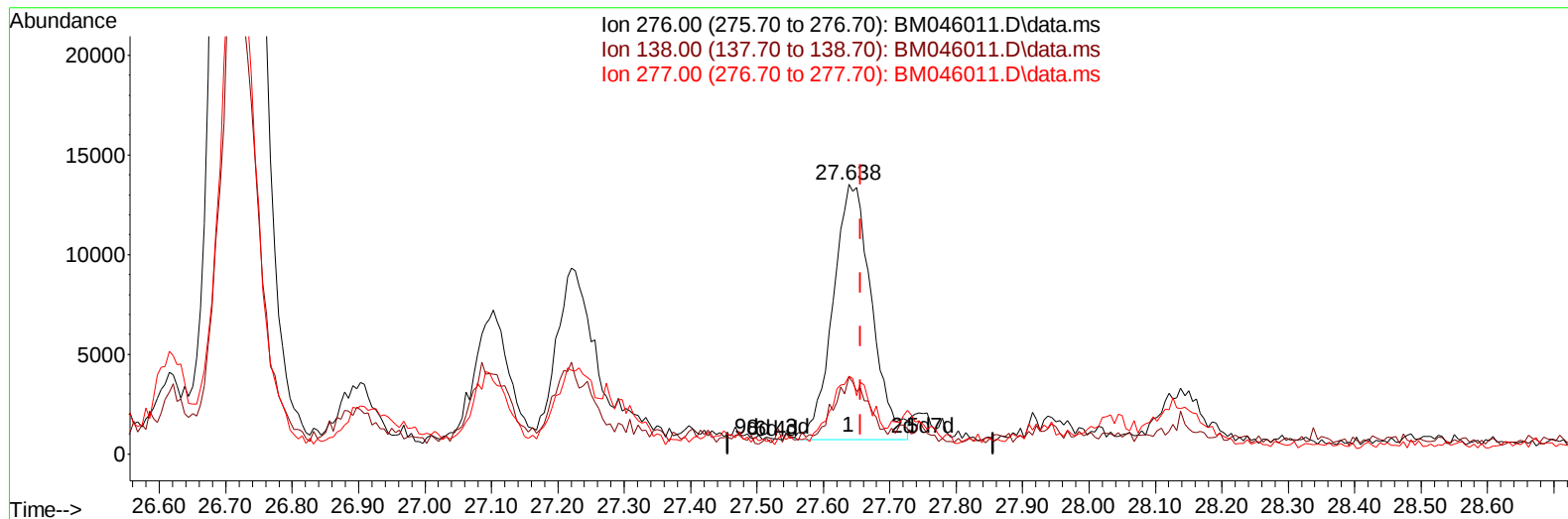
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046011.D
Acq On : 13 Jun 2024 00:34
Operator : MA/JU
Sample : P2659-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 05:07:40 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 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



TIC: BM046011.D\data.ms

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

27.638min (-0.018) 1.65 ng/u1 m

response 51891

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	28.77#
277.00	23.40	28.94#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046011.D
 Acq On : 13 Jun 2024 00:34
 Operator : MA/JU
 Sample : P2659-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC39

Manual IntegrationsAPPROVED

Quant Time: Jun 13 05:08:34 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 06/13/2024
 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		156164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136		644813	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164		394302	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188		811707	20.000	ng/ul	0.00
79) Chrysene-d12	21.038	240		596439	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264		603740	20.000	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.034	96		17311	4.298	ng/uL	0.00
4) Pyridine-d5	3.457	84		68813	6.635	ng/ul	0.00
7) Phenol-d5	6.692	99		375246	28.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67		276428	29.017	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132		306209	30.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113		256796	25.621	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128		156395	31.021	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143		168606	33.044	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165		288918	30.195	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131		120432	9.094	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166		861125	31.546	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160		994418	31.371	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143		104241	17.694	ng/ul	0.00
60) Fluorene-d10	15.080	176		741147	31.826	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200		81995	19.782	ng/ul	0.00
73) Anthracene-d10	16.921	188		1106940	31.370	ng/ul	0.00
81) Pyrene-d10	19.227	212		1095849	29.544	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264		610008	21.618	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.281	105		24090m	1.442	ng/ul	
50) Acenaphthylene	13.798	152		112048	3.054	ng/ul	98
52) Acenaphthene	14.145	153		28061m	1.146	ng/ul	
61) Fluorene	15.139	166		40571	1.525	ng/ul	97
72) Phenanthrene	16.868	178		1045293	24.440	ng/ul	100
74) Anthracene	16.956	178		183491	4.295	ng/ul	99
77) Carbazole	17.251	167		84540	2.319	ng/ul	100
78) Di-n-butylphthalate	17.815	149		334672	6.982	ng/ul	99
80) Fluoranthene	18.892	202		2385731	53.056	ng/ul	99
82) Pyrene	19.256	202		1749320	37.864	ng/ul	98
83) Butylbenzylphthalate	20.180	149		138543	7.358	ng/ul	94
85) Benzo(a)anthracene	21.021	228		871692	21.166	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.968	149		740375	26.466	ng/ul	100
87) Chrysene	21.080	228		916943	24.068	ng/ul	97
90) Benzo(b)fluoranthene	22.903	252		1061621	28.613	ng/ul	99
91) Benzo(k)fluoranthene	22.944	252		398058m	10.984	ng/ul	
93) Benzo(a)pyrene	23.615	252		431751	13.243	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.720	276		386096	10.844	ng/ul	98
95) Dibenzo(a,h)anthracene	26.750	278		127252	4.519	ng/ul#	88
96) Benzo(g,h,i)perylene	27.638	276		51891m	1.655	ng/ul	

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

Instrument :

BNA_M

ClientSampleId :

BHC39

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

