

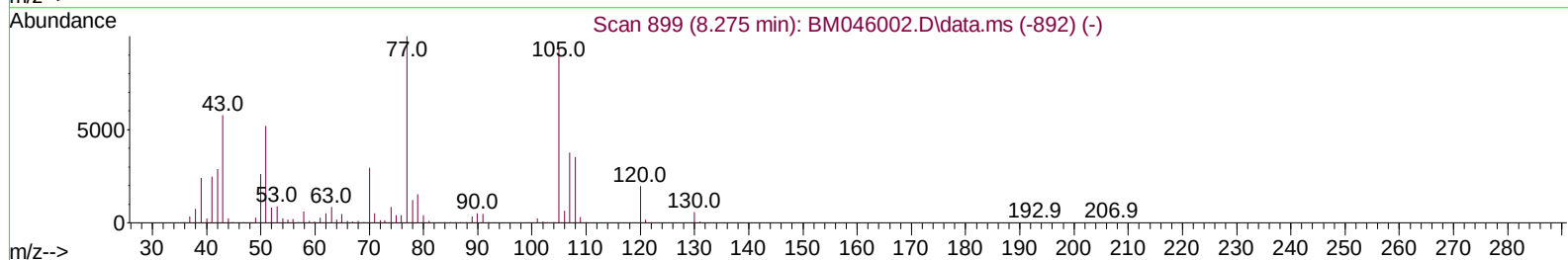
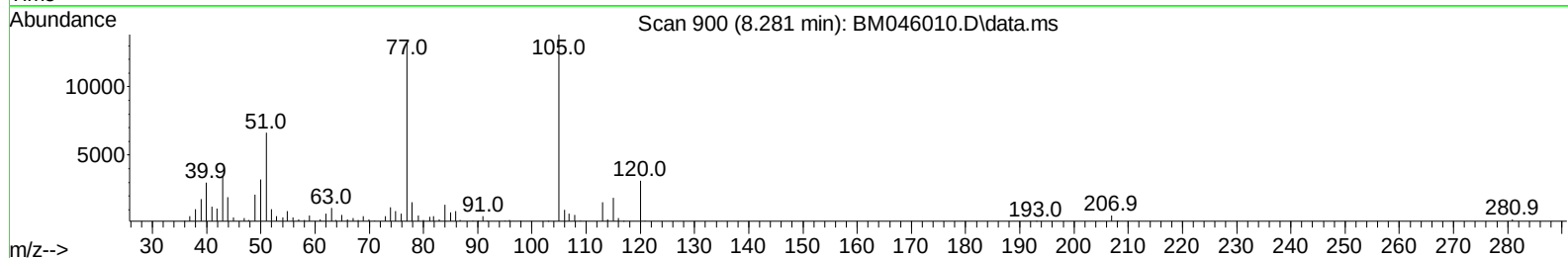
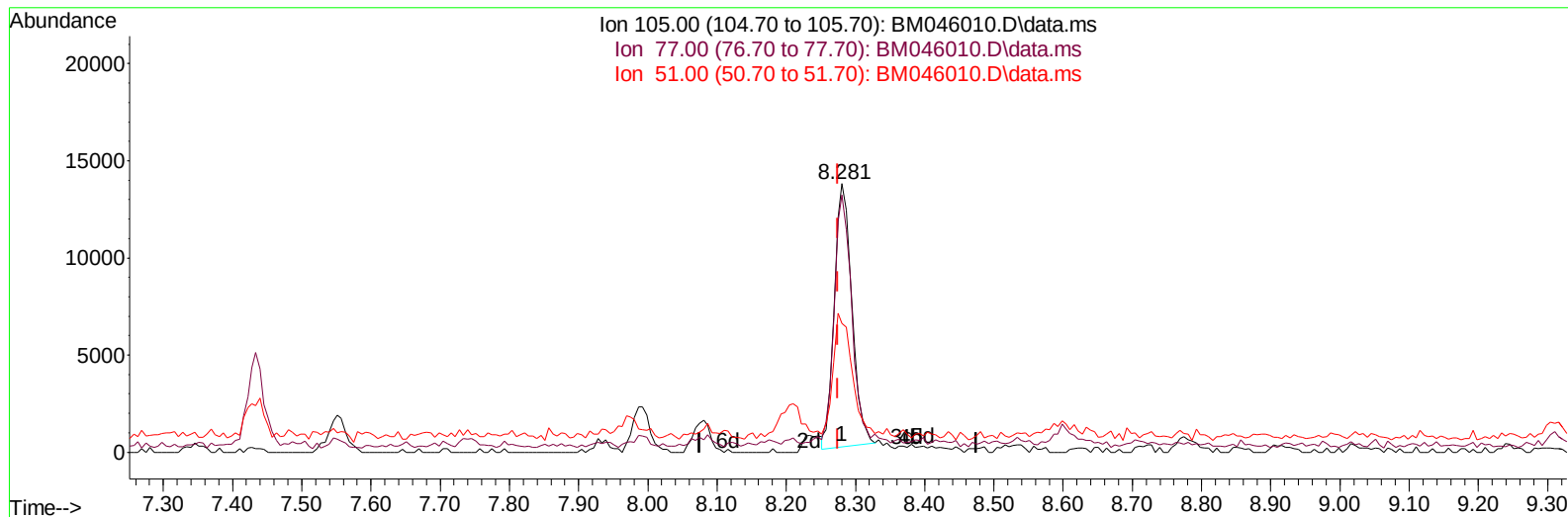
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046010.D
Acq On : 12 Jun 2024 23:55
Operator : MA/JU
Sample : P2659-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC35

Manual IntegrationsAPPROVED

Quant Time: Jun 13 01:20:46 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: BM046010.D\data.ms

(16) Acetophenone

8.281min (+ 0.006) 1.46 ng/uL

response 23656

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	105.90	95.79
51.00	49.20	47.91
0.00	0.00	0.00

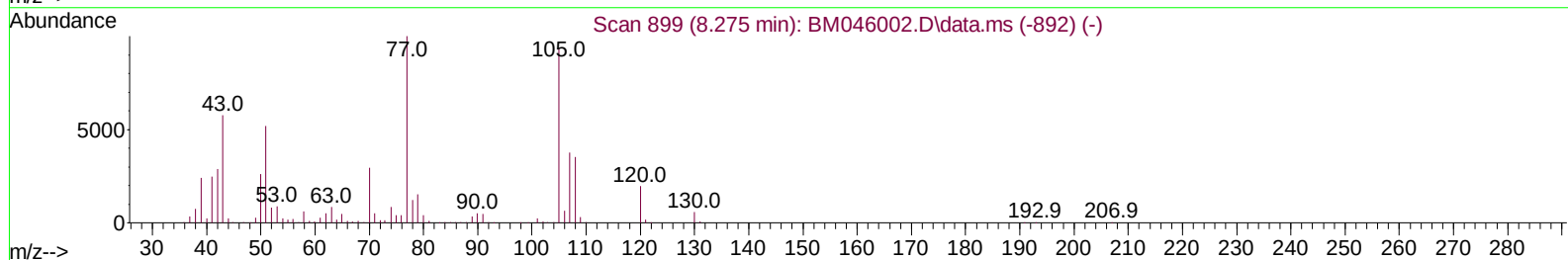
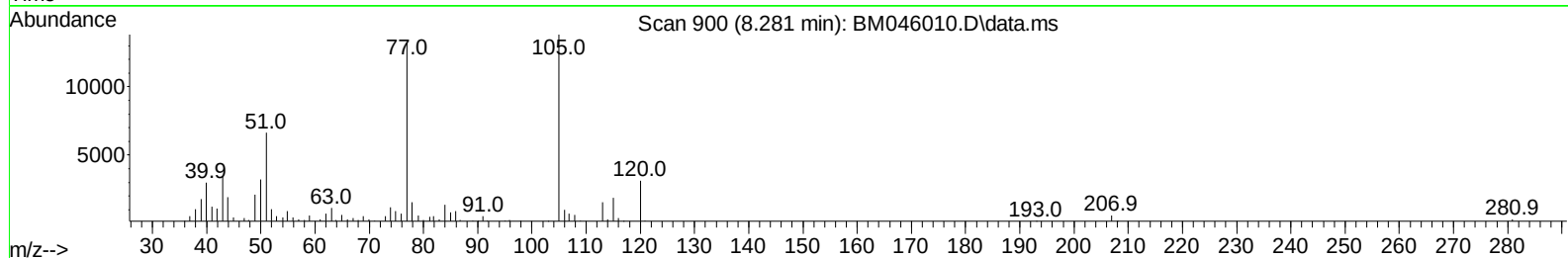
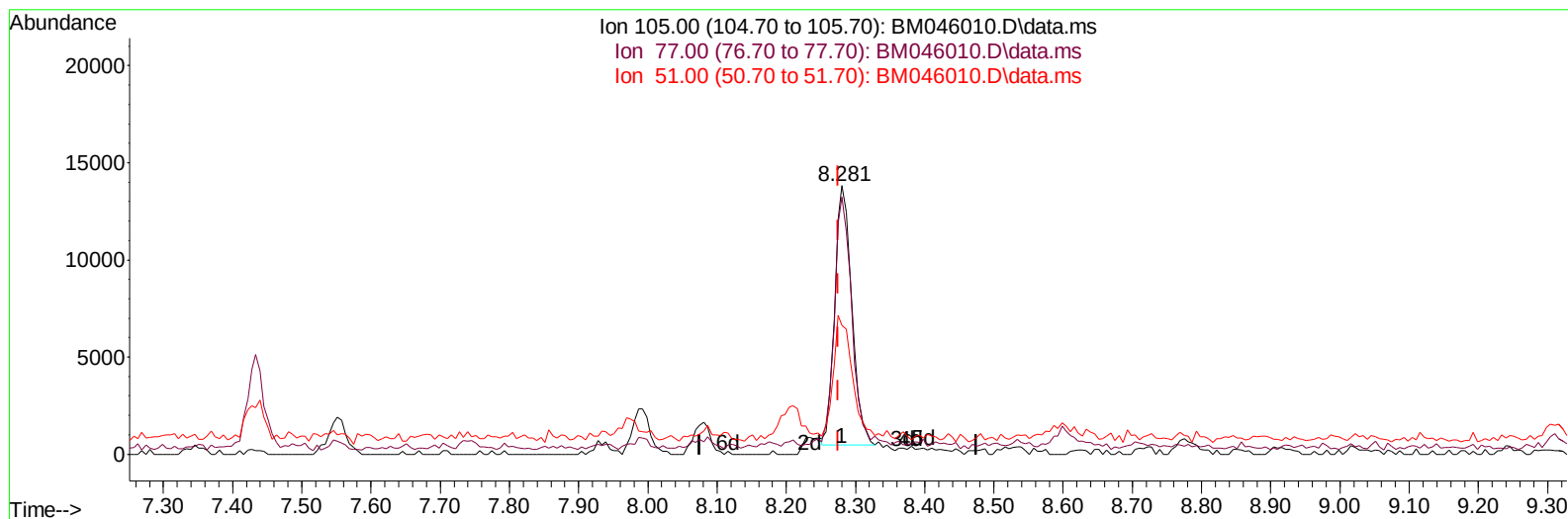
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Instrument :
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TIC: BM046010.D\data.ms

(16) Acetophenone

8.281min (+ 0.006) 1.42 ng/ul m

response 22945

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	105.90	95.79
51.00	49.20	47.91
0.00	0.00	0.00

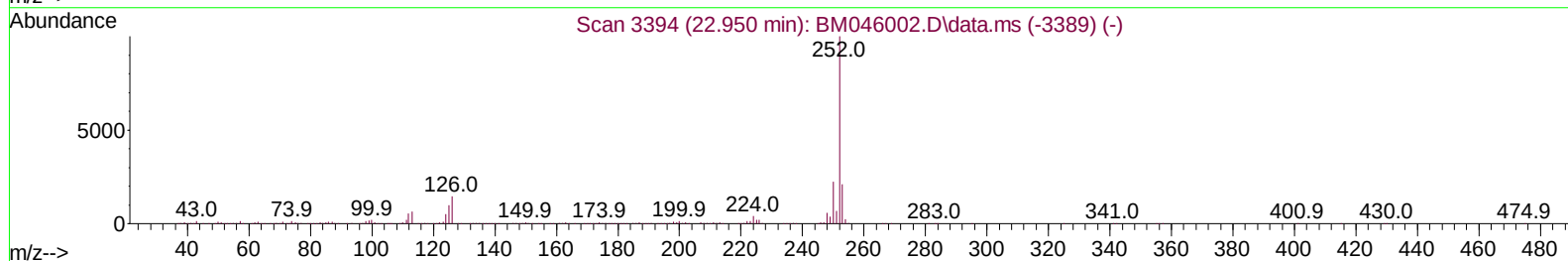
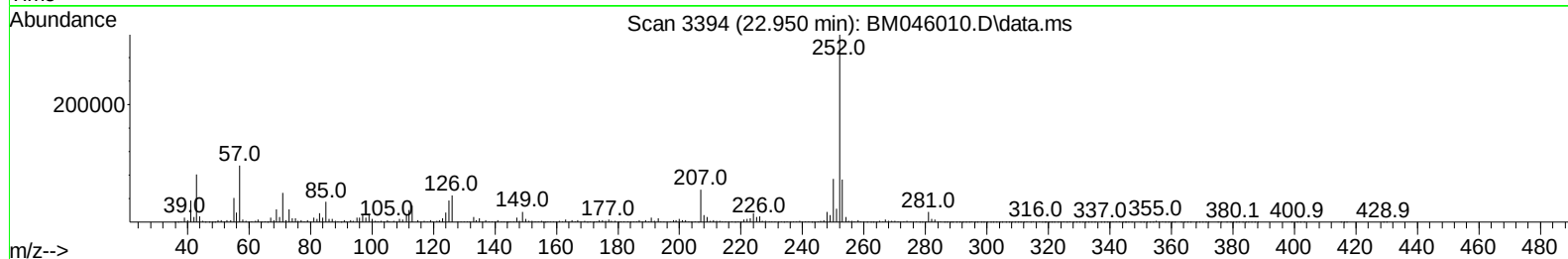
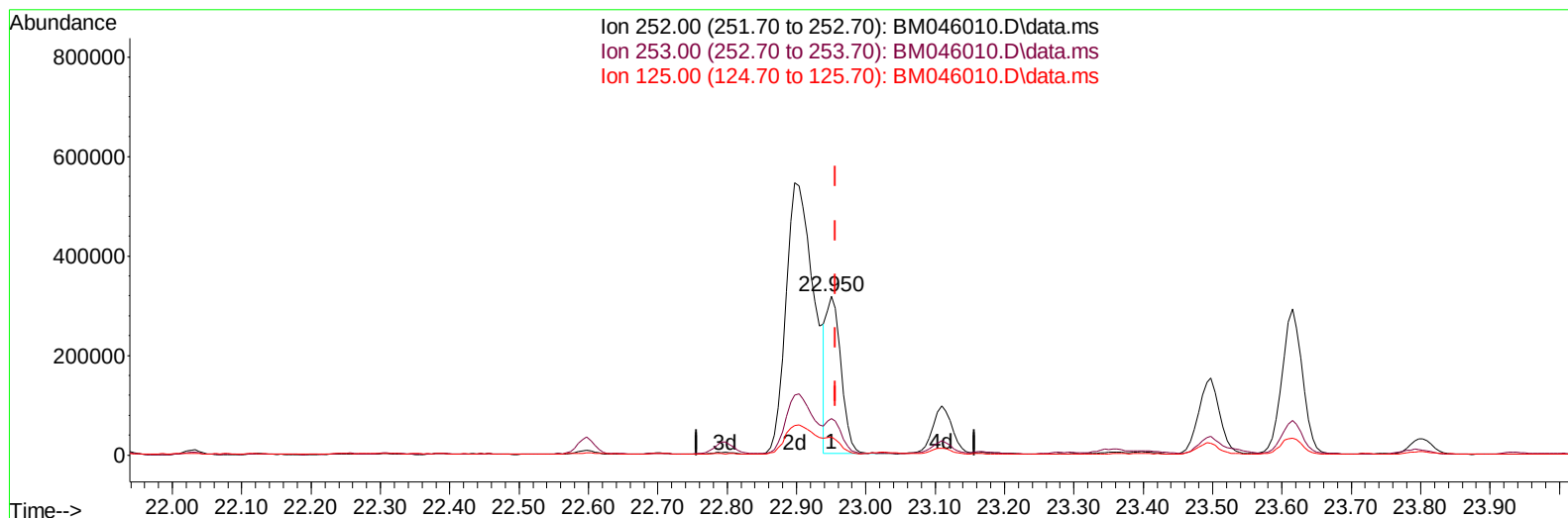
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Operator : MA/JU
Sample : P2659-14
Misc :
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Instrument :
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TIC: BM046010.D\data.ms

(91) Benzo(k)fluoranthene

22.950min (-0.006) 12.15 ng/u1

response 464182

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.89
125.00	10.30	11.44
0.00	0.00	0.00

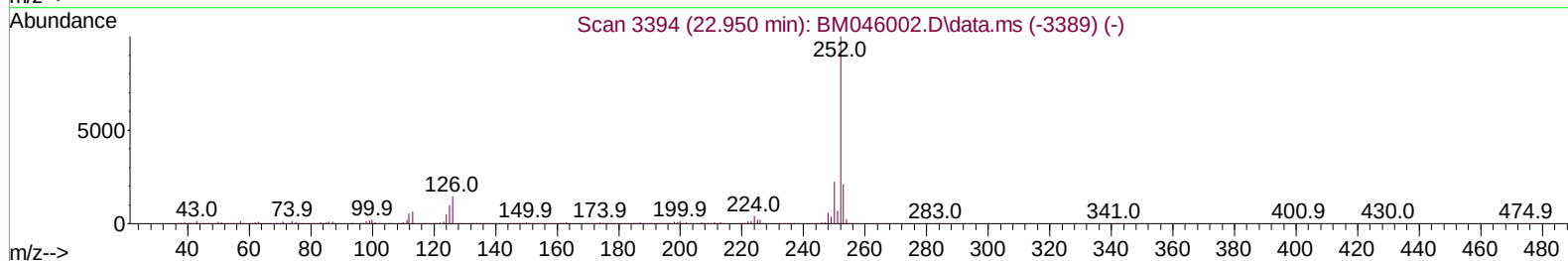
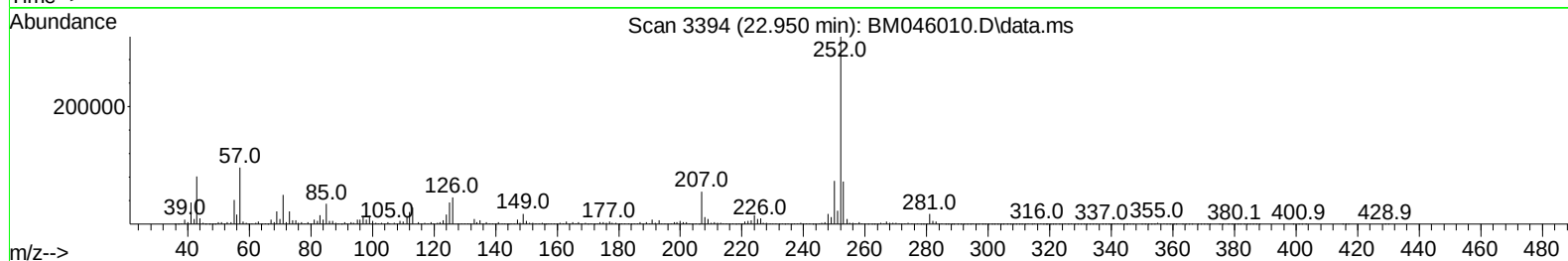
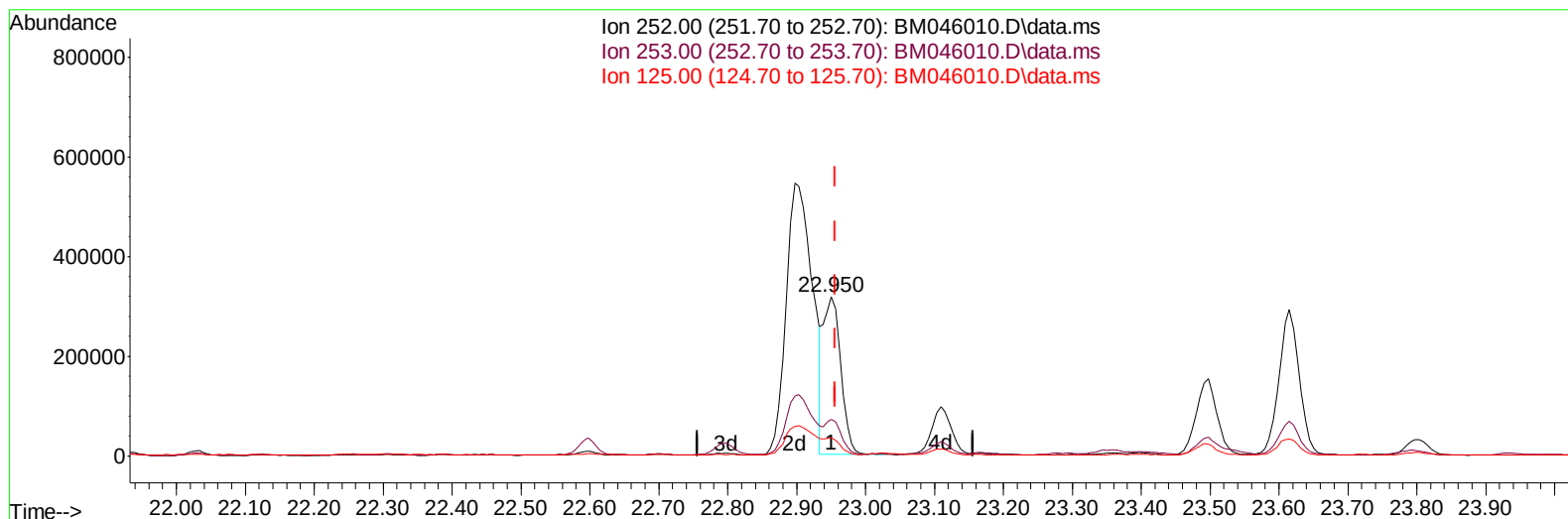
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Data File : BM046010.D
Acq On : 12 Jun 2024 23:55
Operator : MA/JU
Sample : P2659-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046010.D\data.ms

(91) Benzo(k)fluoranthene

22.950min (-0.006) 14.61 ng/u l m

response 558471

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.00	22.89
125.00	10.30	11.44
0.00	0.00	0.00

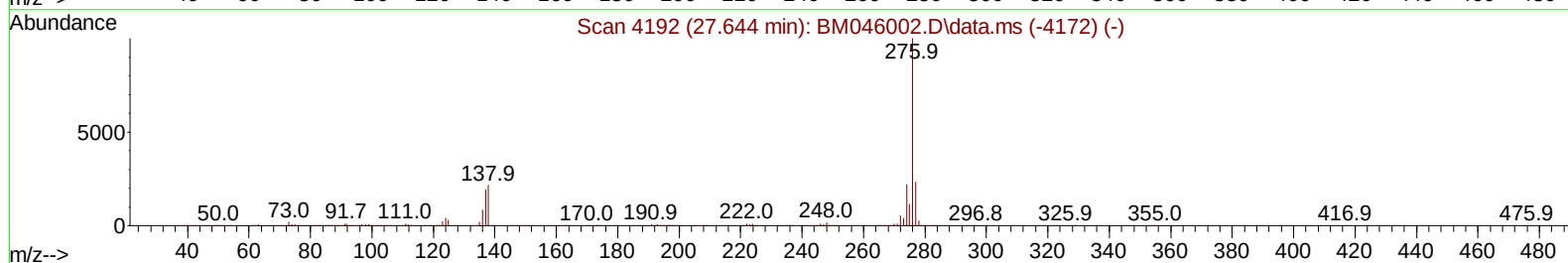
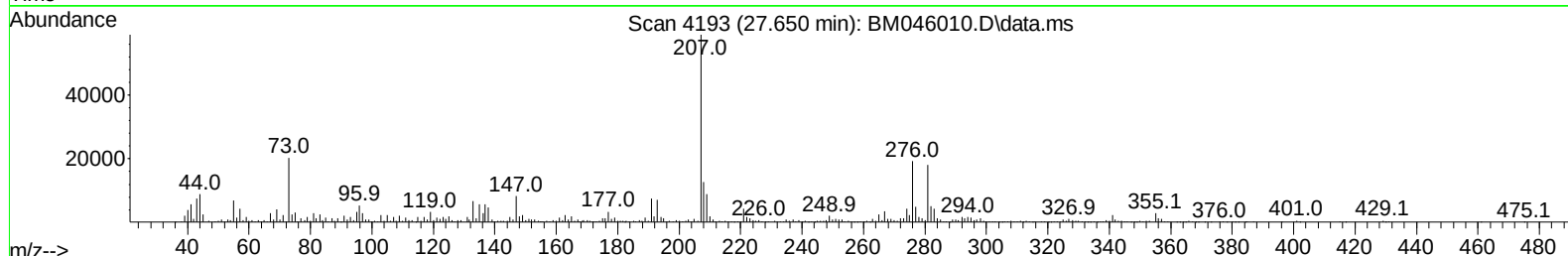
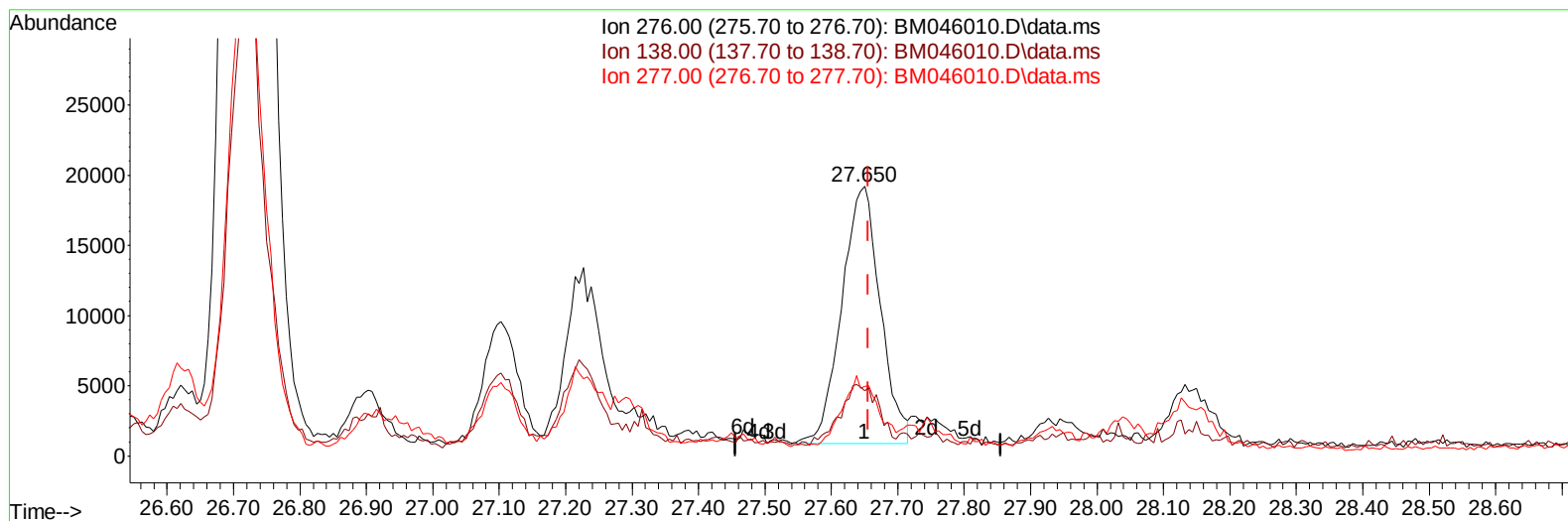
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 Acq On : 12 Jun 2024 23:55
 Operator : MA/JU
 Sample : P2659-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHC35

Manual IntegrationsAPPROVED

Quant Time: Jun 13 04:31:22 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

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TIC: BM046010.D\data.ms

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

27.650min (-0.006) 2.23 ng/u1

response 73688

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.19
277.00	23.40	25.92
0.00	0.00	0.00

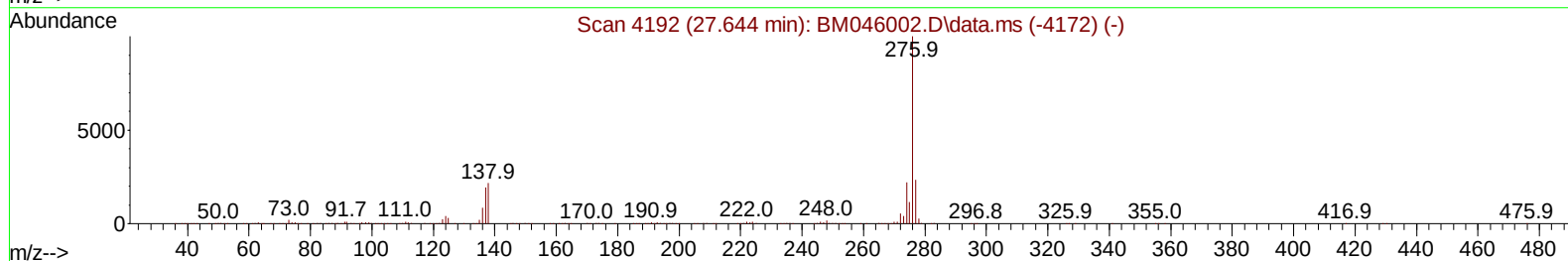
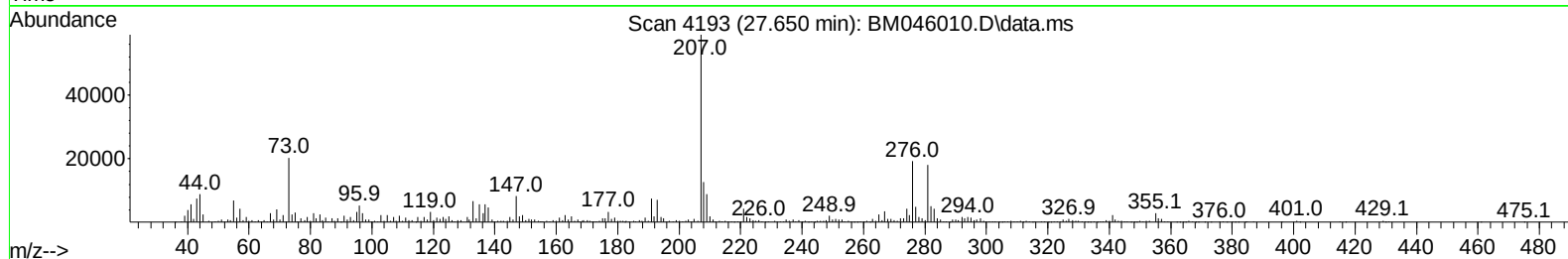
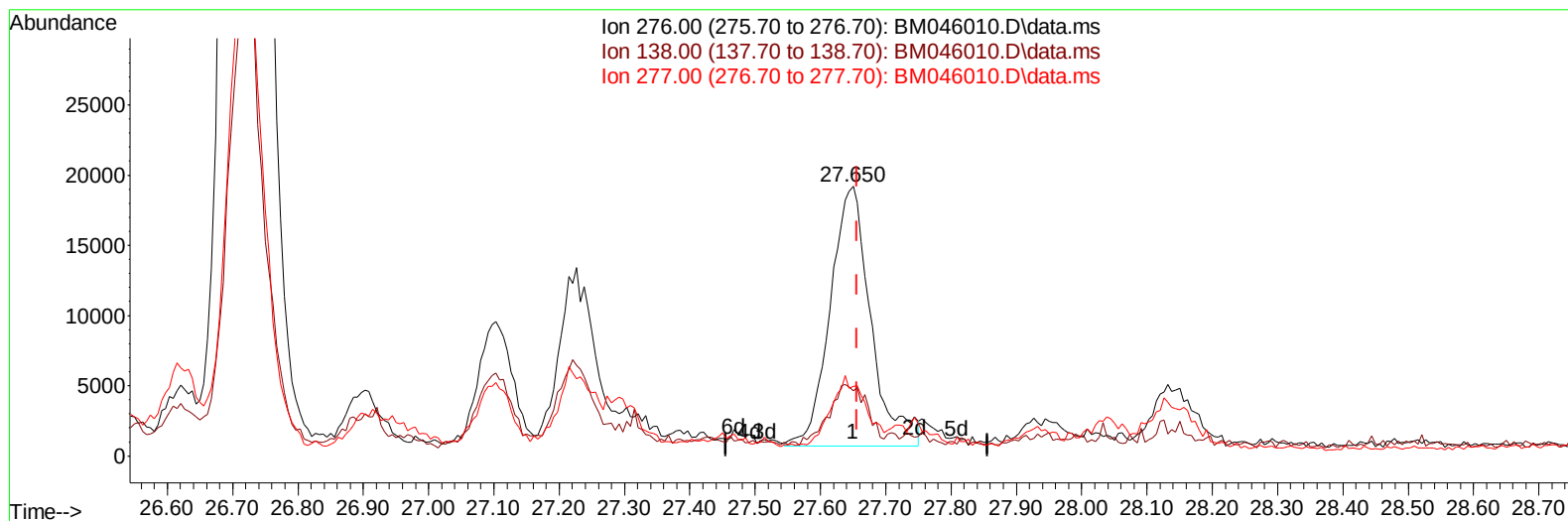
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046010.D
Acq On : 12 Jun 2024 23:55
Operator : MA/JU
Sample : P2659-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHC35

Manual IntegrationsAPPROVED

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TIC: BM046010.D\data.ms

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

27.650min (-0.006) 2.41 ng/u1 m

response 79688

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.20	24.19
277.00	23.40	25.92
0.00	0.00	0.00

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Quant Time: Jun 13 04:54:33 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.434	152		151572	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136		636471	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164		397108	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188		819337	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240		646572	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264		636680	20.000	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.040	96		14309	3.660	ng/uL	0.00
4) Pyridine-d5	3.457	84		92363	9.176	ng/ul	0.00
7) Phenol-d5	6.687	99		388866	30.200	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67		274795	29.720	ng/ul	0.00
11) 2-Chlorophenol-d4	6.993	132		308827	32.108	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113		273732	28.138	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128		156298	31.408	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143		166354	33.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.863	165		291380	30.852	ng/ul	0.00
31) 4-Chloroaniline-d4	10.392	131		185886	14.221	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166		825047	30.011	ng/ul	0.00
49) Acenaphthylene-d8	13.769	160		970112	30.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143		128865	21.720	ng/ul	0.00
60) Fluorene-d10	15.080	176		719756	30.689	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200		74495	17.805	ng/ul	0.00
73) Anthracene-d10	16.921	188		1136955	31.920	ng/ul	0.00
81) Pyrene-d10	19.221	212		1173055	29.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264		680365	22.864	ng/ul	0.00
Target Compounds							
						Qvalue	
16) Acetophenone	8.281	105		22945m	1.415	ng/ul	
50) Acenaphthylene	13.798	152		176278	4.771	ng/ul	99
52) Acenaphthene	14.145	153		27006	1.095	ng/ul	96
61) Fluorene	15.139	166		37708	1.408	ng/ul#	97
72) Phenanthrene	16.868	178		1124220	26.041	ng/ul	100
74) Anthracene	16.957	178		225723	5.235	ng/ul	99
77) Carbazole	17.251	167		87819	2.387	ng/ul	96
80) Fluoranthene	18.892	202		2988296	61.304	ng/ul	99
82) Pyrene	19.256	202		2277816	45.481	ng/ul	98
83) Butylbenzylphthalate	20.180	149		103139	5.053	ng/ul	93
85) Benzo(a)anthracene	21.021	228		1141512	25.569	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.974	149		1626840	53.645	ng/ul#	89
87) Chrysene	21.080	228		1251668	30.307	ng/ul	97
89) Di-n-octyl phthalate	21.997	149		1104734	22.688	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252		1438353	36.761	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252		558471m	14.613	ng/ul	
93) Benzo(a)pyrene	23.615	252		598528	17.408	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.721	276		544010	14.489	ng/ul	99
95) Dibenzo(a,h)anthracene	26.756	278		176748	5.952	ng/ul	95
96) Benzo(g,h,i)perylene	27.650	276		79688m	2.410	ng/ul	

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

Instrument :

BNA_M

ClientSampleId :

BHC35

Manual IntegrationsAPPROVED

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