

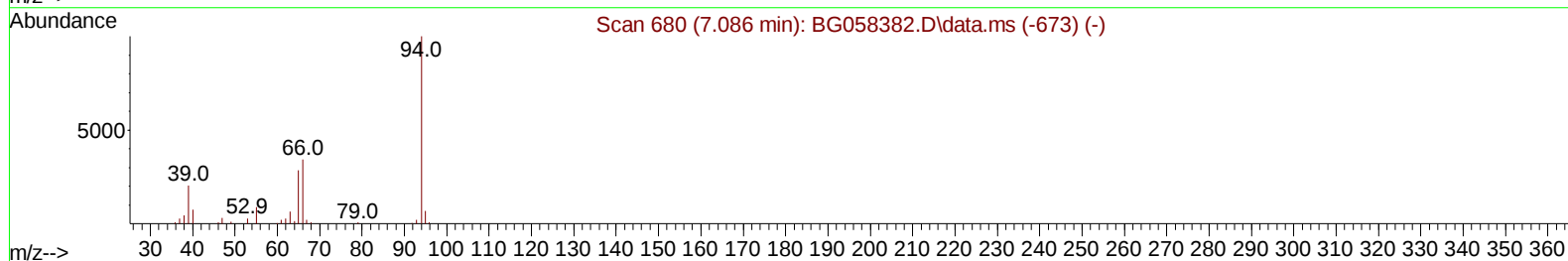
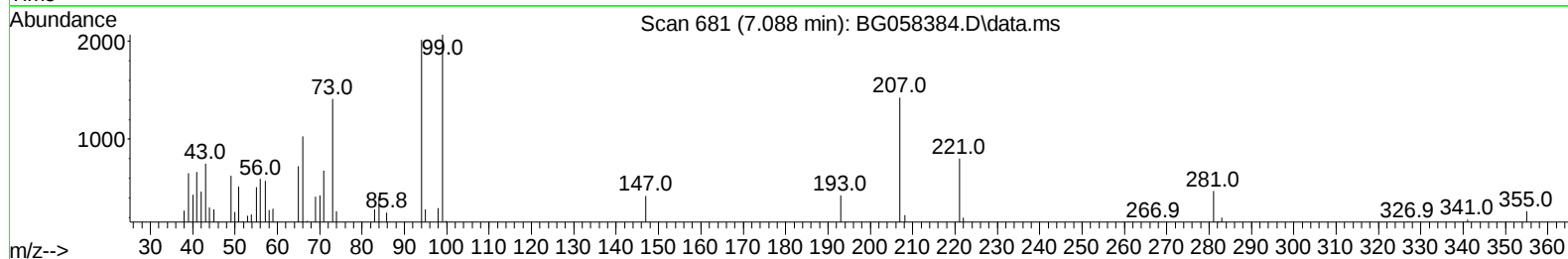
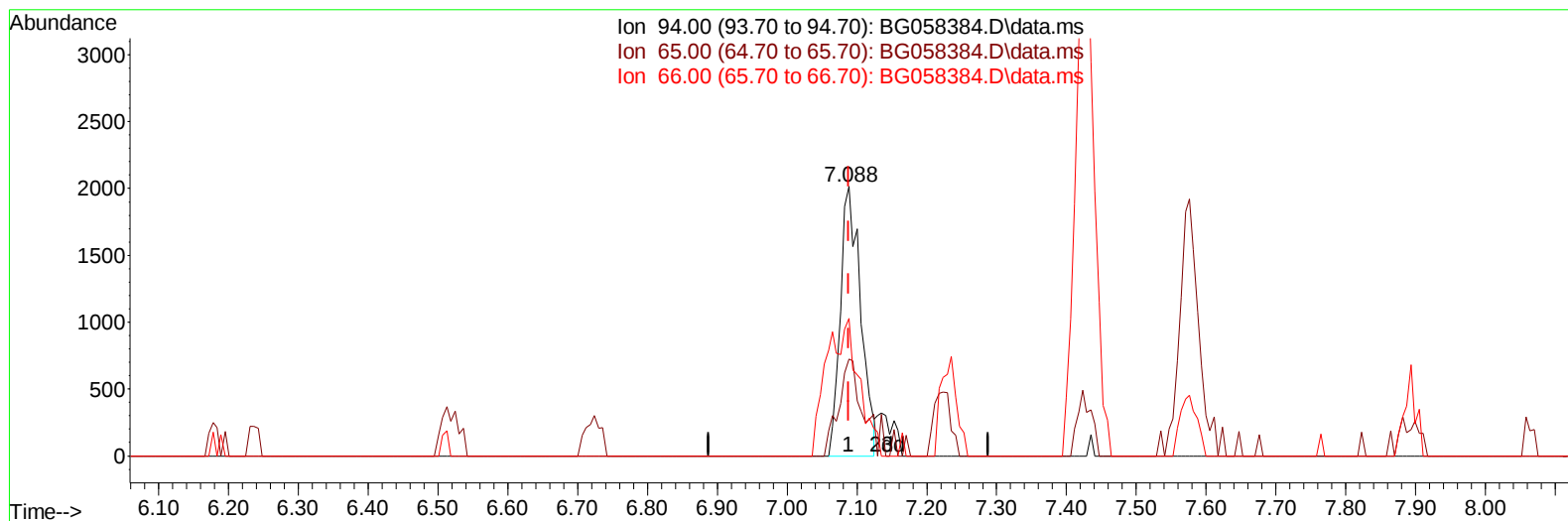
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058384.D
Acq On : 21 Jul 2023 12:29
Operator : CG/JU
Sample : 03504-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46W4

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:16:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



TIC: BG058384.D\data.ms

(8) Phenol

7.088min (+ 0.000) 1.02 ng/u1

response 4037

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	29.80	35.93#
66.00	39.00	51.12#
0.00	0.00	0.00

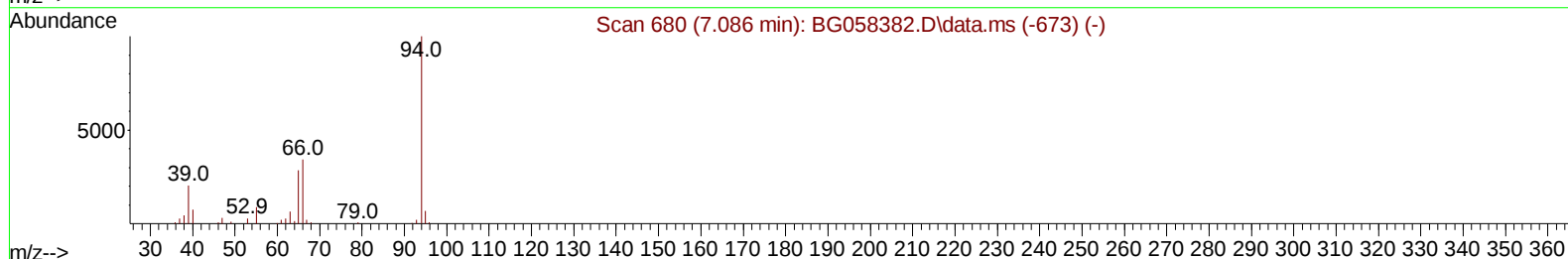
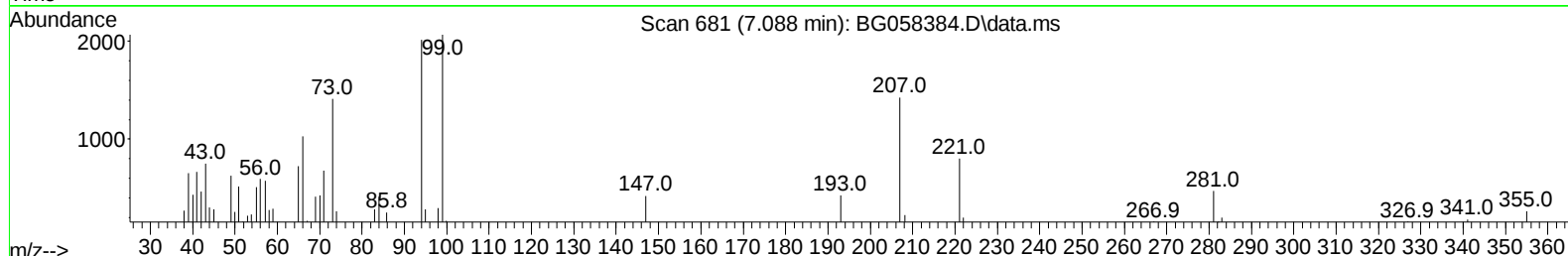
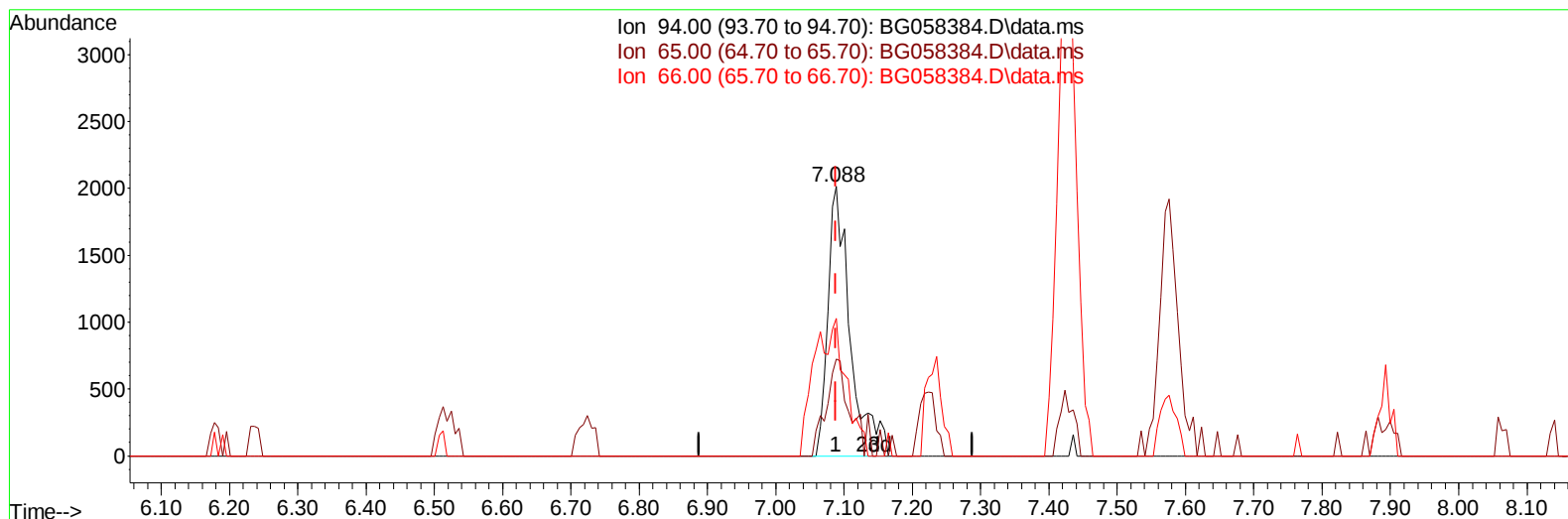
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TIC: BG058384.D\data.ms

(8) Phenol

7.088min (+ 0.000) 1.15 ng/ul m

response 4580

Ion	Exp%	Act%
94.00	100.00	100.00
65.00	29.80	35.93#
66.00	39.00	51.12#
0.00	0.00	0.00

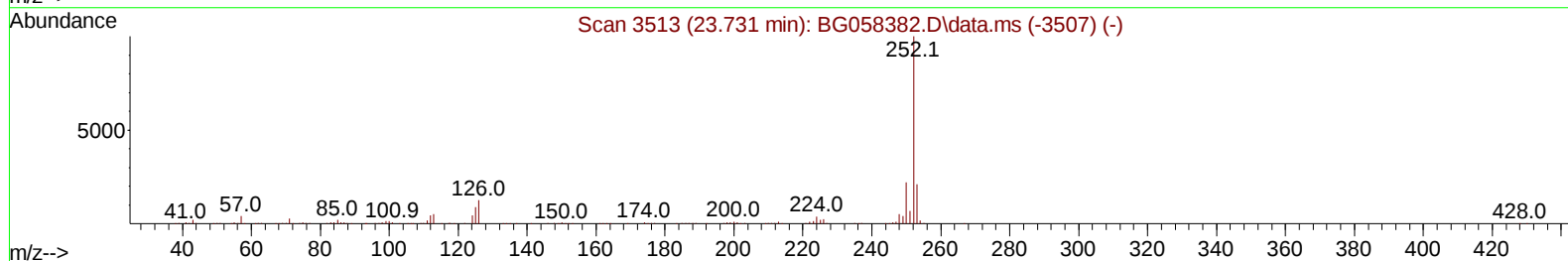
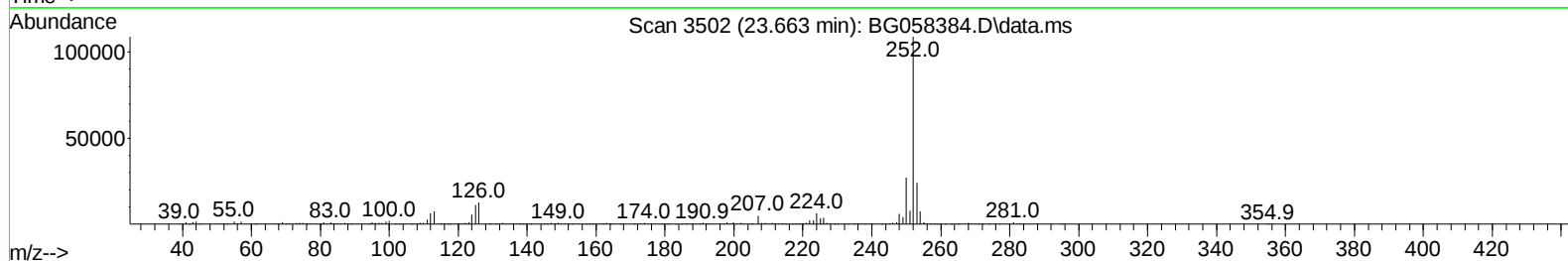
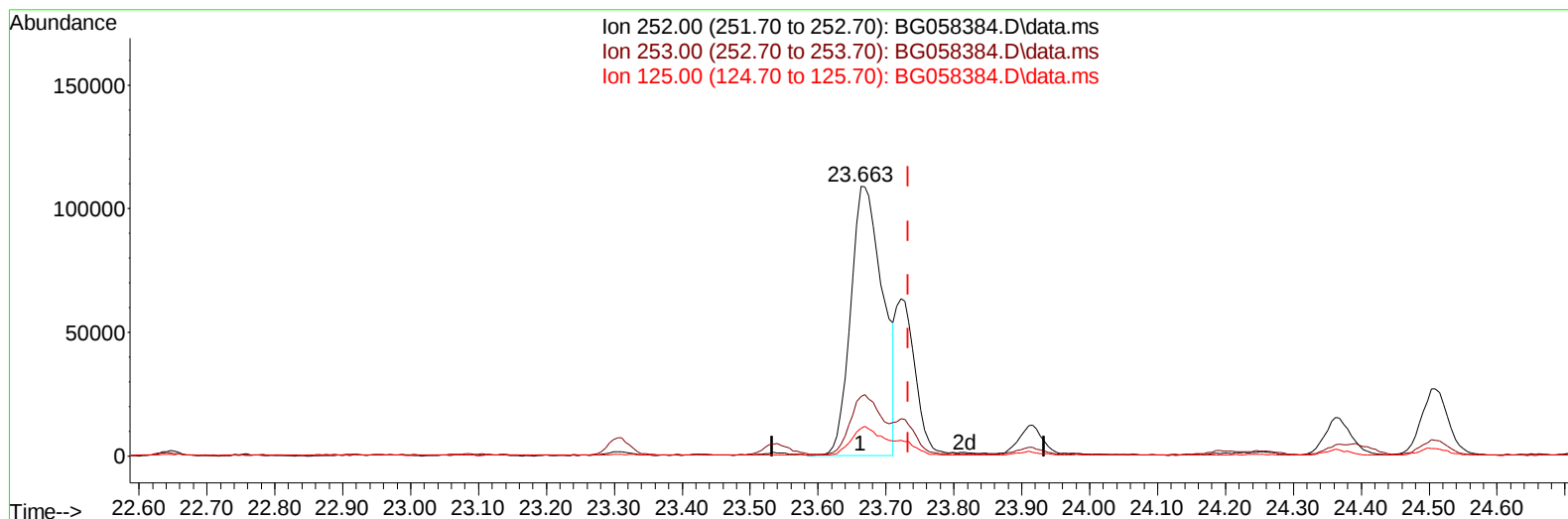
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TIC: BG058384.D\data.ms

(91) Benzo(k)fluoranthene

23.663min (-0.070) 21.71 ng/u1

response 357423

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	22.11
125.00	9.20	10.28
0.00	0.00	0.00

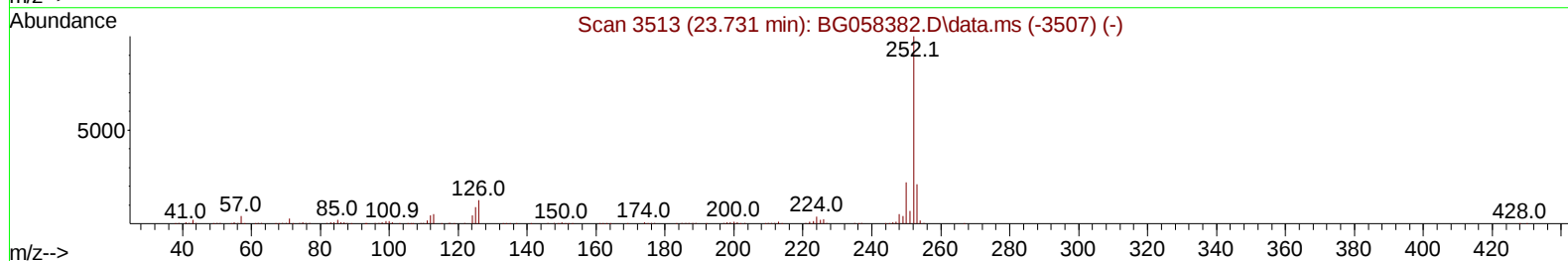
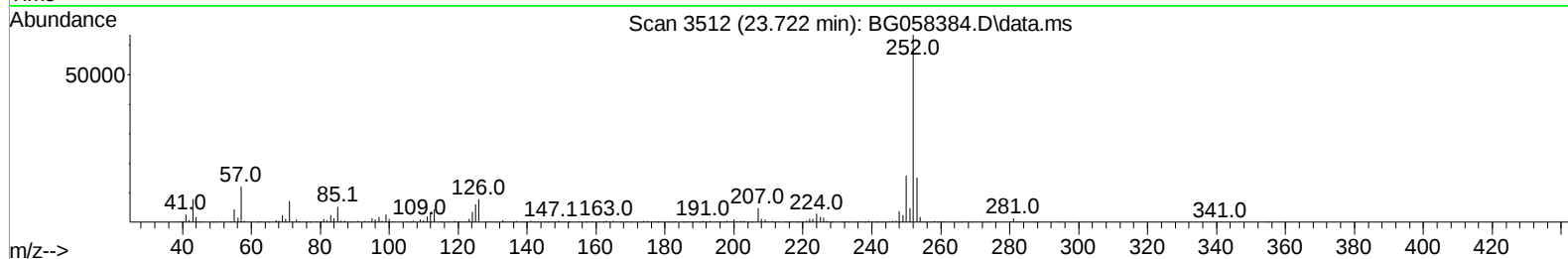
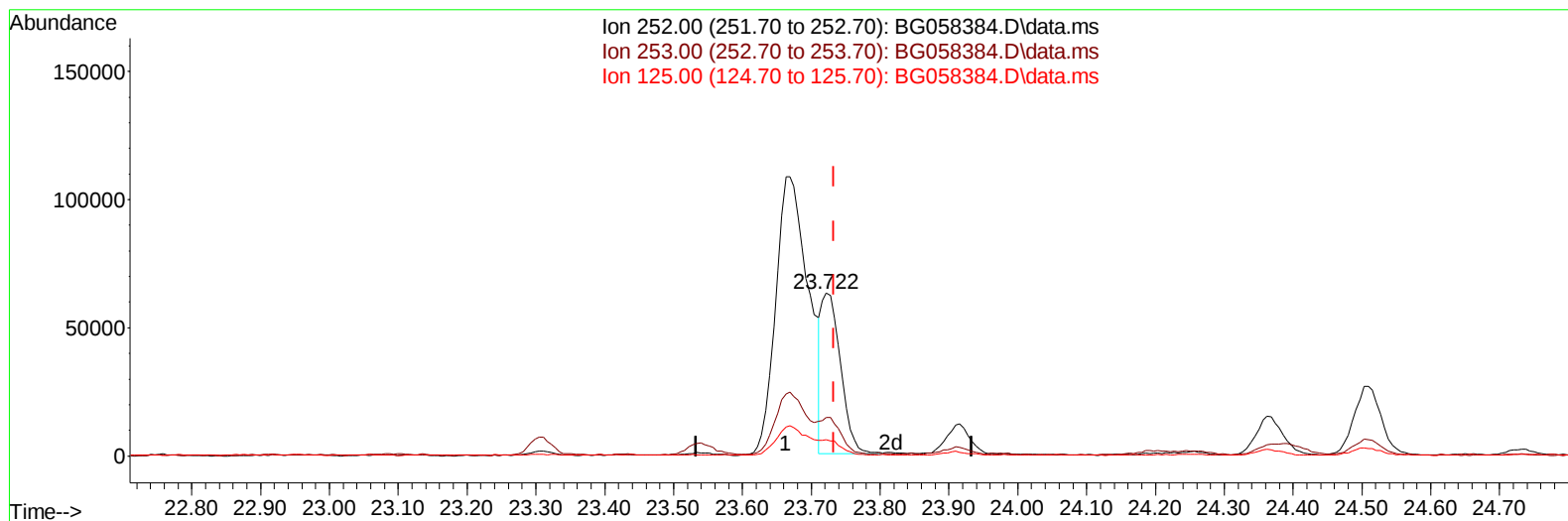
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TIC: BG058384.D\data.ms

(91) Benzo(k)fluoranthene

23.722min (-0.011) 7.44 ng/ul m

response 122477

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	23.81
125.00	9.20	9.81
0.00	0.00	0.00

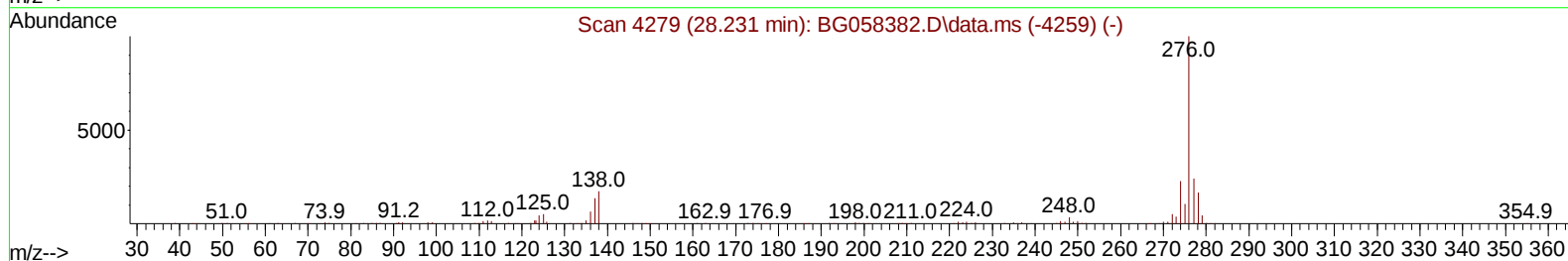
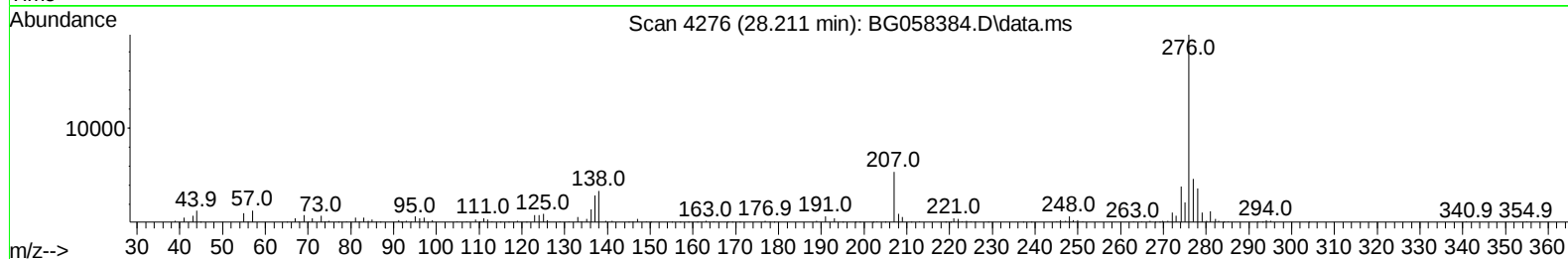
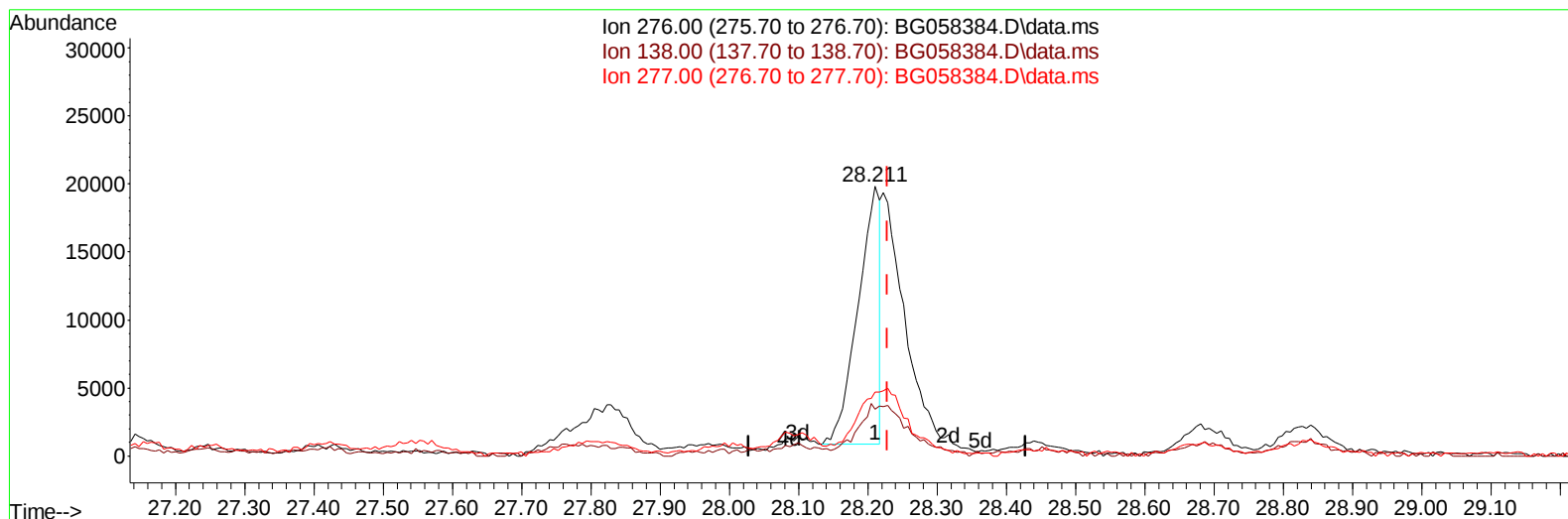
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 Data File : BG058384.D
 Acq On : 21 Jul 2023 12:29
 Operator : CG/JU
 Sample : 03504-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG058384.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.211min (-0.017) 2.18 ng/u1

response 42153

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	17.32
277.00	24.00	23.71
0.00	0.00	0.00

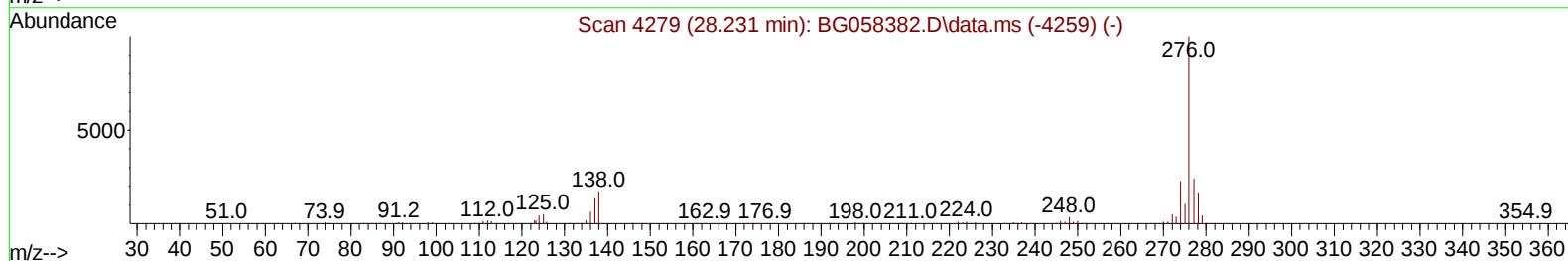
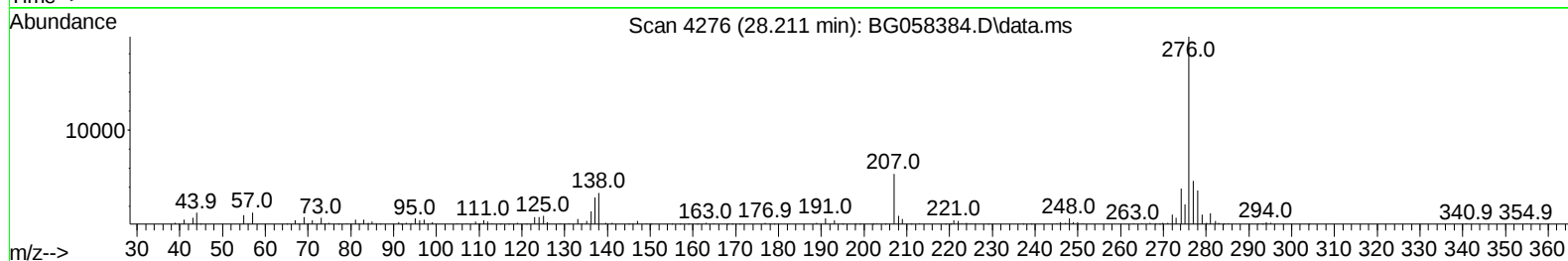
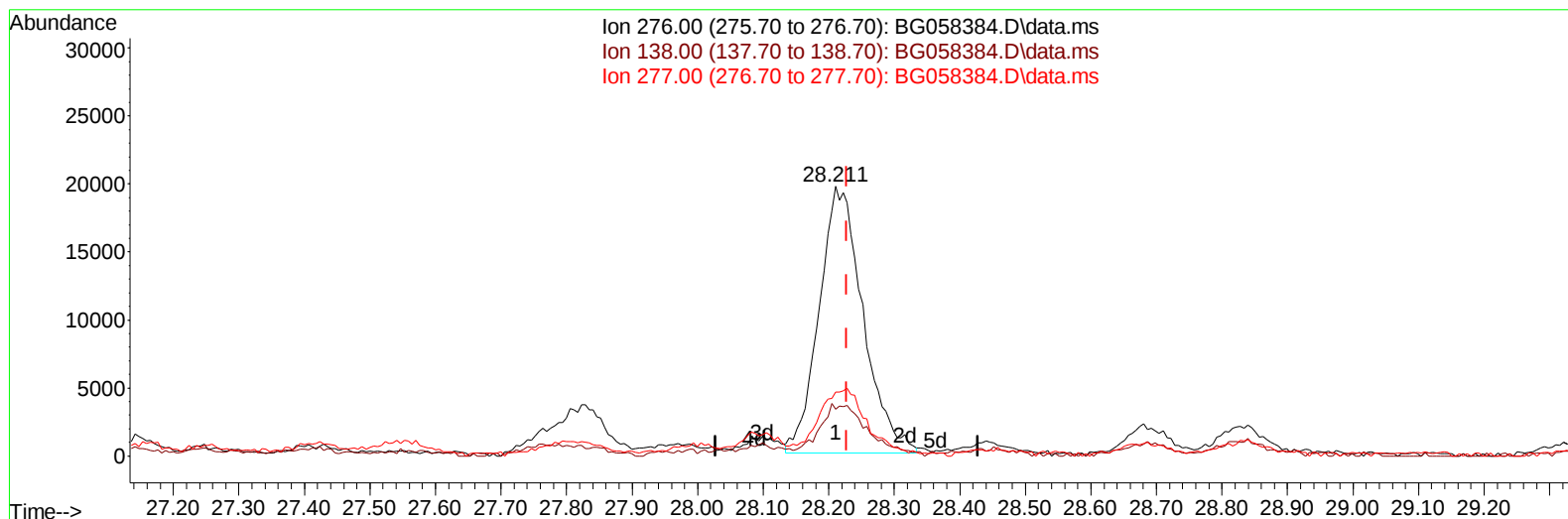
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 Acq On : 21 Jul 2023 12:29
 Operator : CG/JU
 Sample : 03504-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A46W4

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TIC: BG058384.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.211min (-0.017) 4.72 ng/ul m

response 91228

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	17.32
277.00	24.00	23.71
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152		40365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136		173340	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164		121925	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188		285660	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240		237132	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264		285267	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.340	96		1781	1.624	ng/uL	0.00
4) Pyridine-d5	3.745	84		29029	8.918	ng/ul	0.00
7) Phenol-d5	7.059	99		31491	8.224	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67		23536	9.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132		24506	9.143	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113		2545	0.871	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128		13491	10.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143		15139	10.673	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165		23083	8.489	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131		417	0.106	ng/ul	0.02
46) Dimethylphthalate-d6	13.933	166		96874	10.304	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160		103166	10.471	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.750	143		7905	5.567	ng/ul	0.01
60) Fluorene-d10	15.520	176		90616	11.641	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200		9943	6.832	ng/ul	0.00
73) Anthracene-d10	17.370	188		118362	9.589	ng/ul	-0.01
81) Pyrene-d10	19.662	212		112967	8.066	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.439	264		57772	4.190	ng/ul	-0.01
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.035	77		1684	1.089	ng/ul	90
8) Phenol	7.088	94		4580m	1.152	ng/ul	
16) Acetophenone	8.716	105		17221	3.462	ng/ul	97
30) Naphthalene	10.743	128		20698	2.234	ng/ul	98
36) 2-Methylnaphthalene	12.359	142		6642	1.070	ng/ul	96
52) Acenaphthene	14.597	153		33615	4.552	ng/ul	97
56) Dibenzofuran	14.926	168		28290	2.691	ng/ul	99
61) Fluorene	15.578	166		37151	4.309	ng/ul	98
72) Phenanthrene	17.318	178		564723	41.599	ng/ul	98
74) Anthracene	17.406	178		83815	6.150	ng/ul	97
77) Carbazole	17.676	167		32921	2.787	ng/ul	99
80) Fluoranthene	19.333	202		735095	45.814	ng/ul	98
82) Pyrene	19.691	202		413440	25.431	ng/ul	98
85) Benzo(a)anthracene	21.507	228		305251	19.151	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.407	149		27021	2.968	ng/ul	99
87) Chrysene	21.571	228		294093	19.453	ng/ul	97
90) Benzo(b)fluoranthene	23.663	252		357423	21.655	ng/ul#	98
91) Benzo(k)fluoranthene	23.722	252		122477m	7.440	ng/ul	
93) Benzo(a)pyrene	24.503	252		73707	5.021	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.211	276		91228m	4.717	ng/ul	
95) Dibenzo(a,h)anthracene	28.258	278		40903	2.579	ng/ul	97

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

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

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