

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057254.D
 Acq On : 1 May 2023 16:58
 Operator : CG/JU
 Sample : 02418-30DL 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW904DL

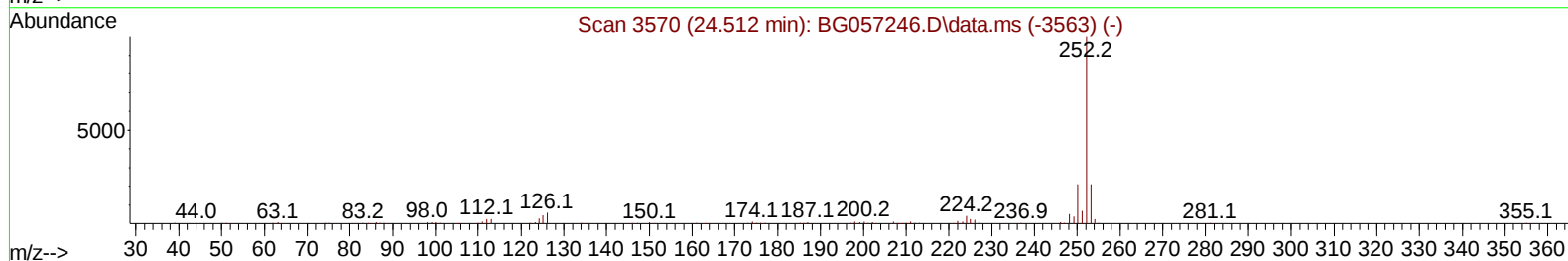
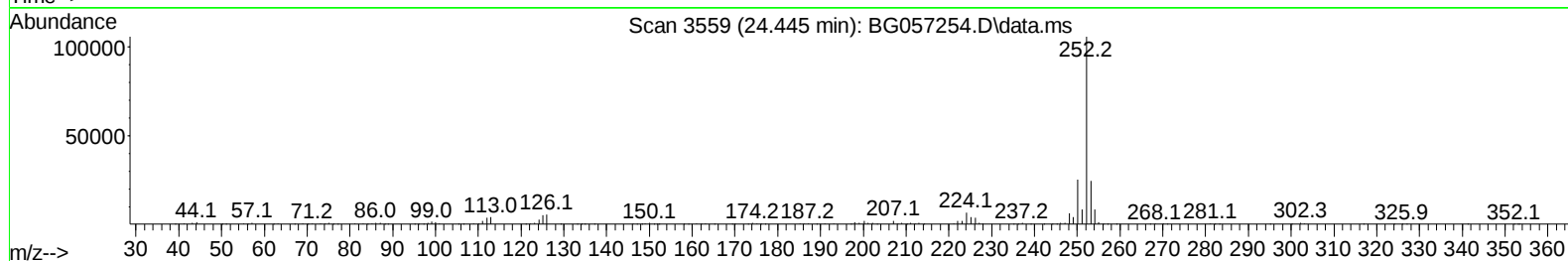
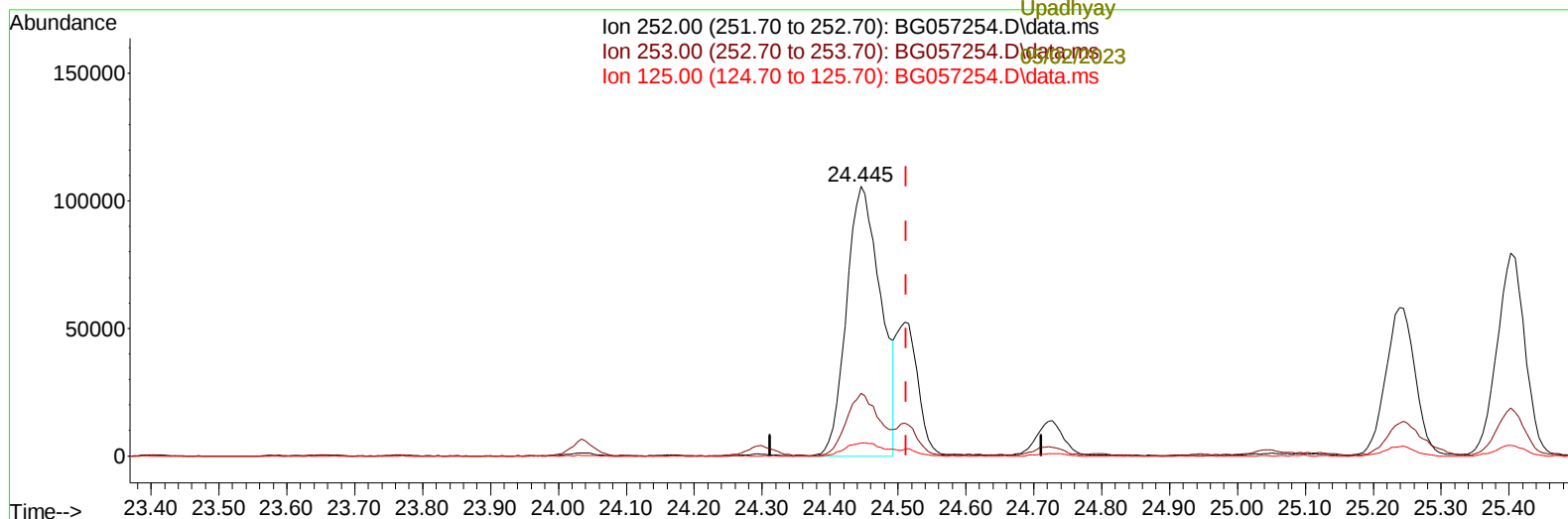
Manual IntegrationsAPPROVED

Quant Time: May 01 22:30:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

Reviewed By :Christian
 Giraldo

05/02/2023
 Supervised By :Jagrut
 Upadhyay

Ion 252.00 (251.70 to 252.70): BG057254.D\data.ms
 Ion 253.00 (252.70 to 253.70): BG057254.D\data.ms
 Ion 125.00 (124.70 to 125.70): BG057254.D\data.ms



TIC: BG057254.D\data.ms

(91) Benzo(k)fluoranthene

24.445min (-0.067) 47.41 ng/u1

response 370599

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.15
125.00	5.60	4.86
0.00	0.00	0.00

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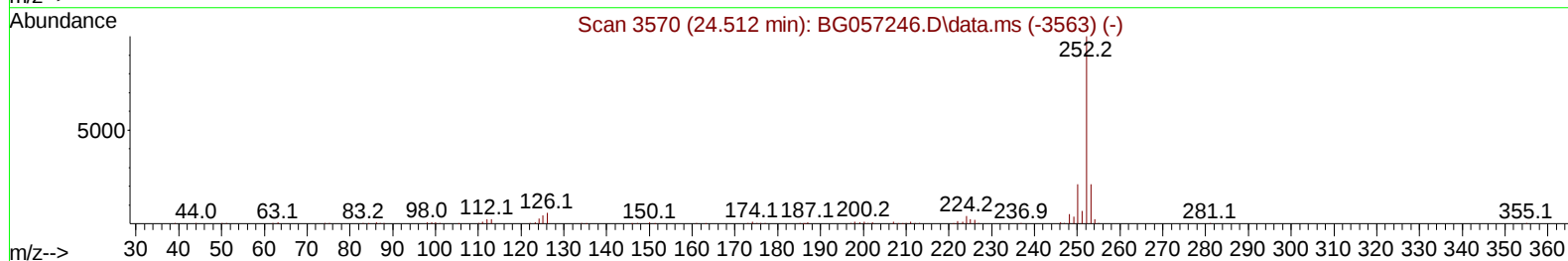
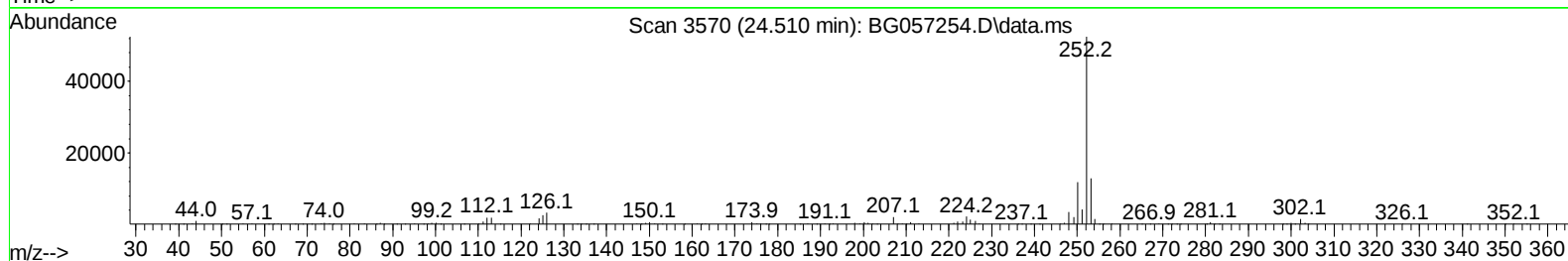
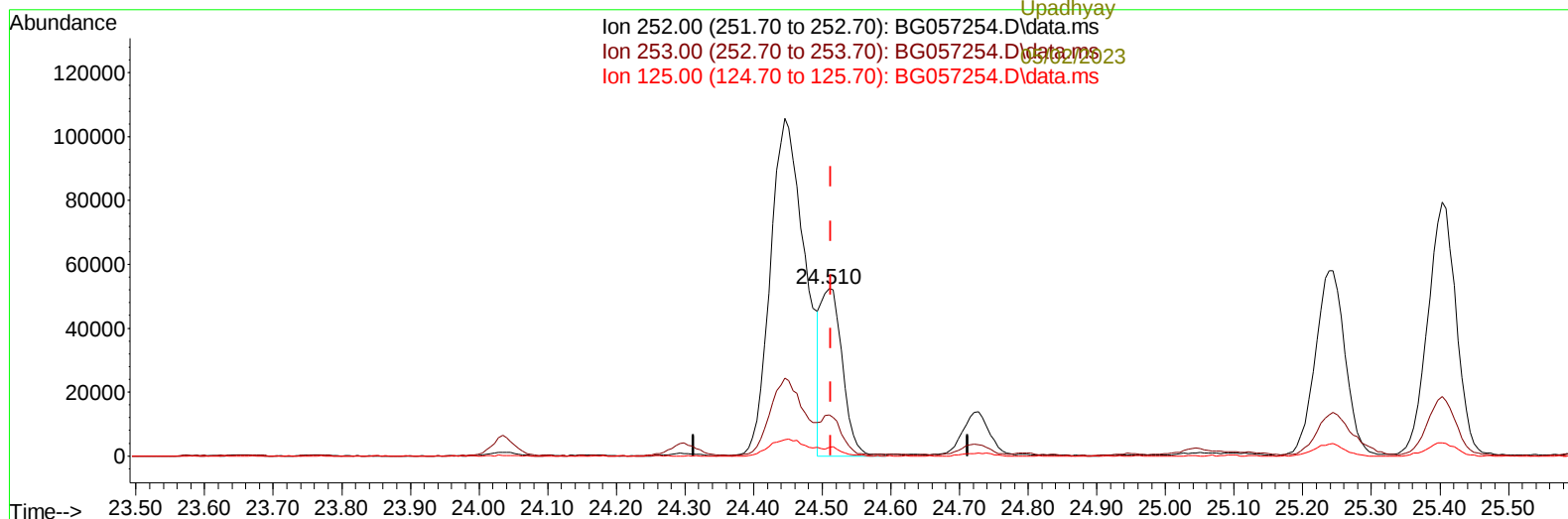
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TIC: BG057254.D\data.ms

(91) Benzo(k)fluoranthene

24.510min (-0.002) 14.82 ng/ul m

response 115838

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.69
125.00	5.60	5.18
0.00	0.00	0.00

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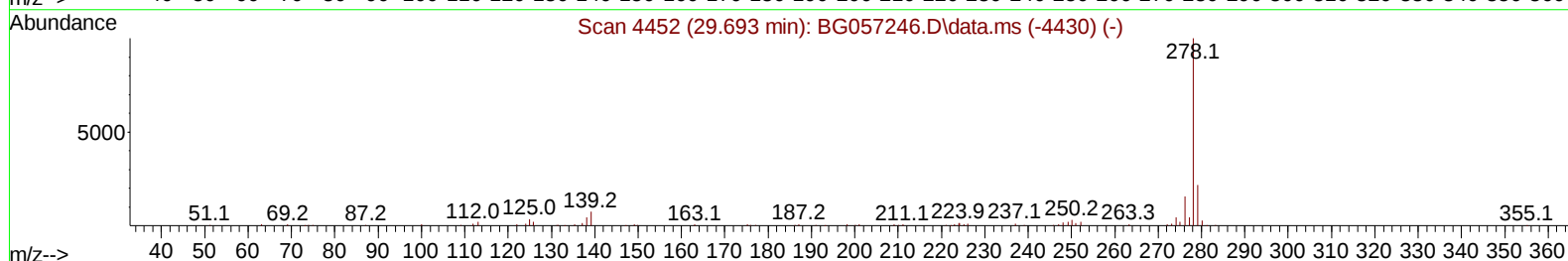
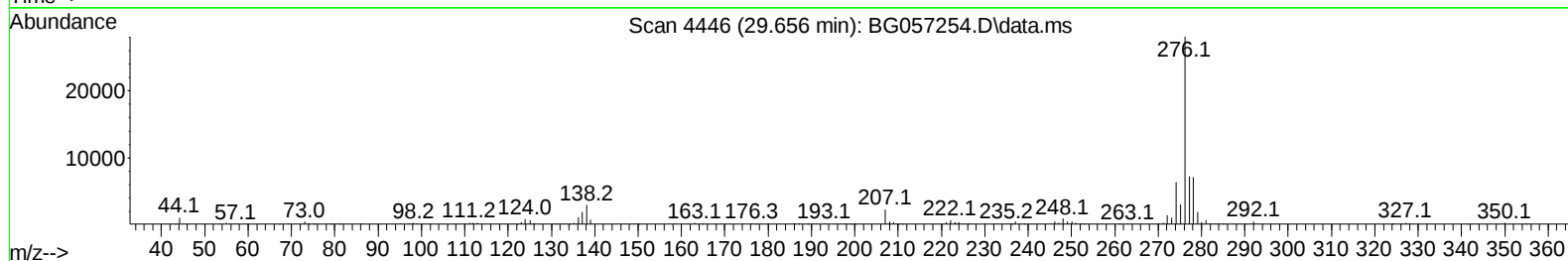
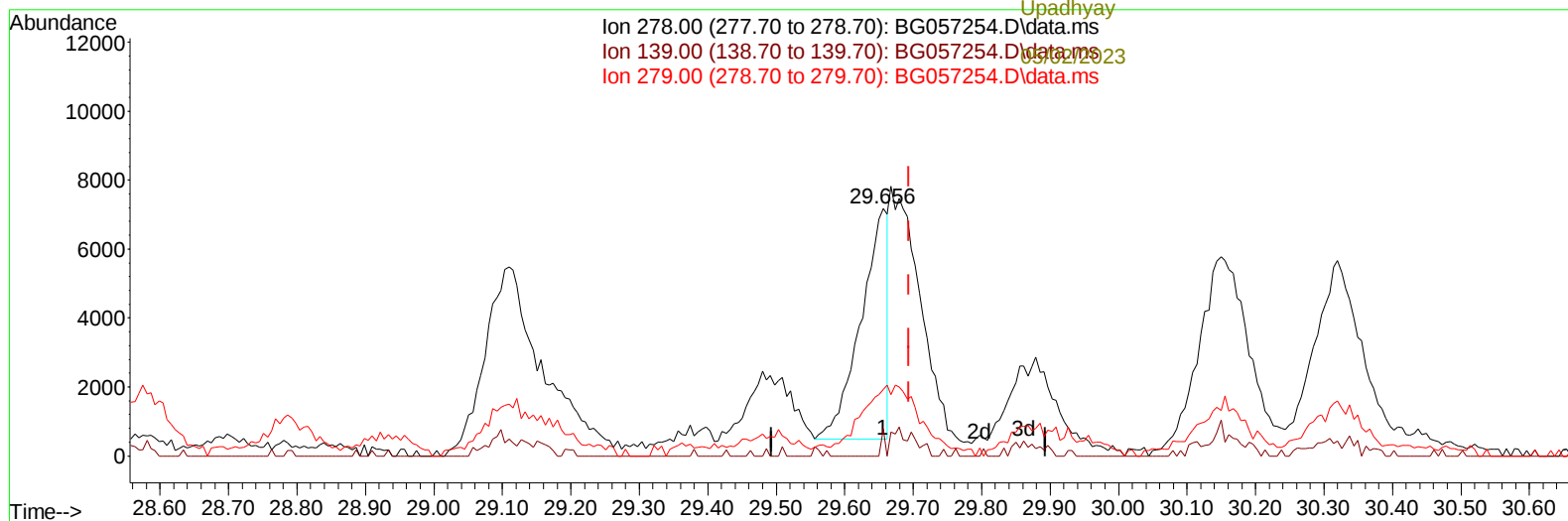
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Ion 278.00 (277.70 to 278.70): BG057254.D\data.ms
 Ion 139.00 (138.70 to 139.70): BG057254.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG057254.D\data.ms



TIC: BG057254.D\data.ms

(95) Dibenzo(a,h)anthracene

29.656min (-0.038) 2.54 ng/u1

response 18297

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	10.97#
279.00	22.90	26.82
0.00	0.00	0.00

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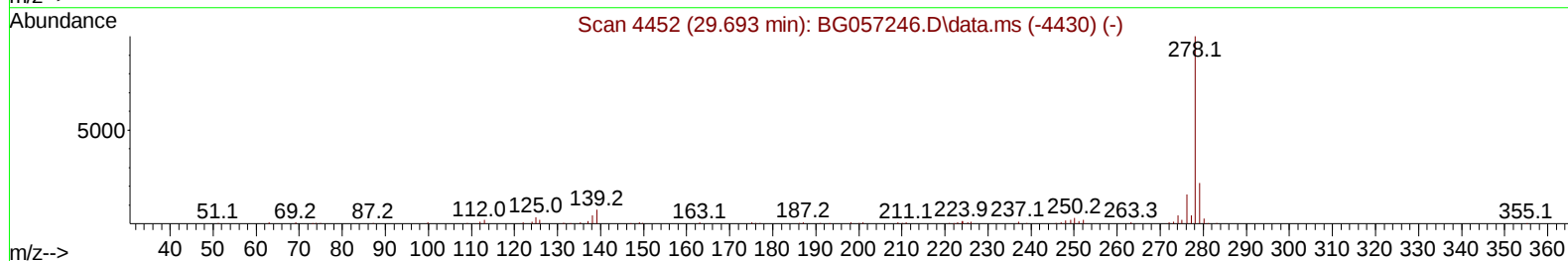
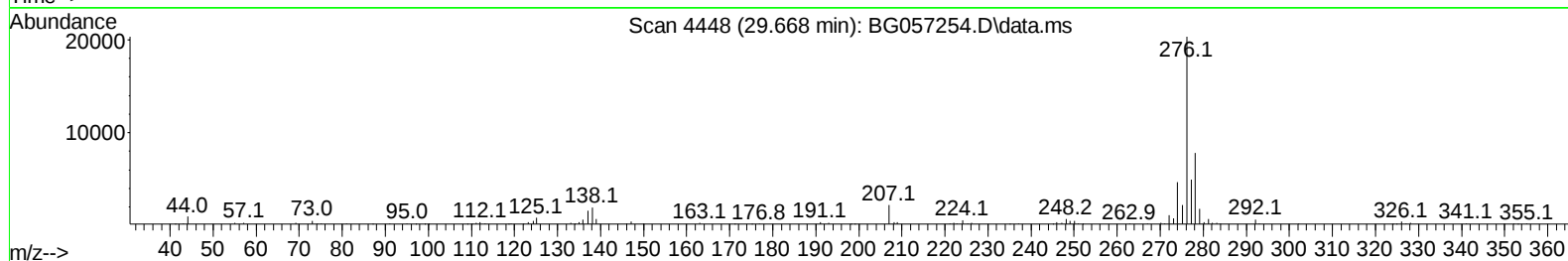
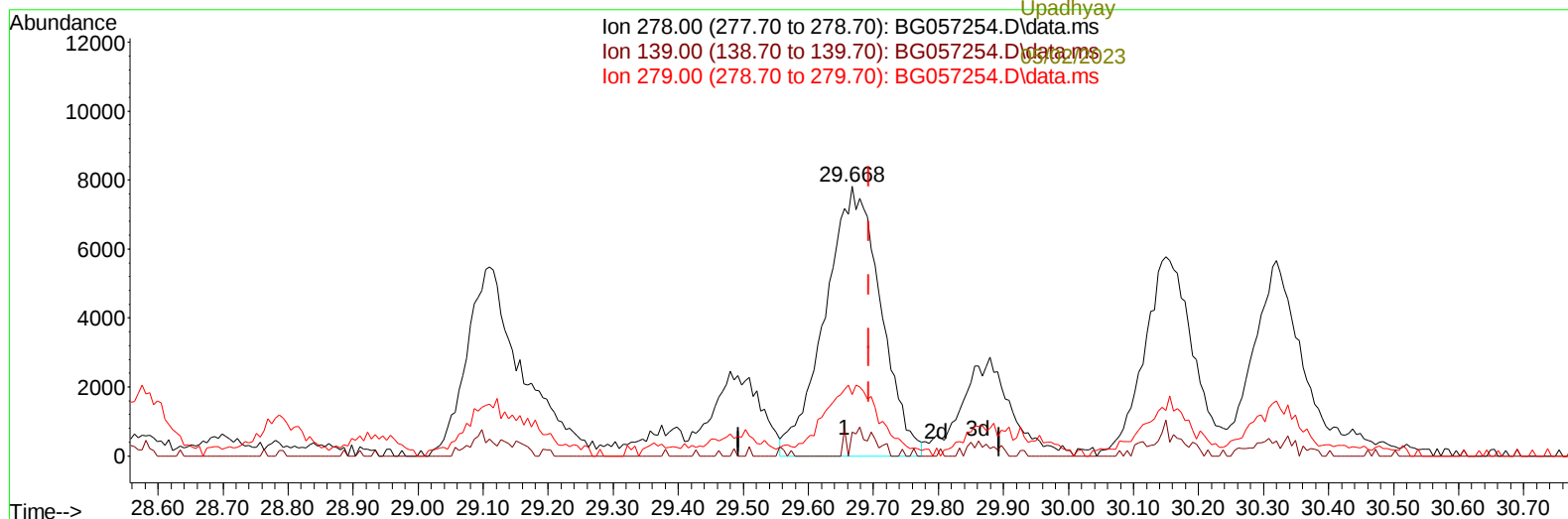
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 Ion 139.00 (138.70 to 139.70): BG057254.D\data.ms
 Ion 279.00 (278.70 to 279.70): BG057254.D\data.ms



TIC: BG057254.D\data.ms

(95) Dibenzo(a,h)anthracene

29.668min (-0.026) 6.45 ng/ul m

response 46388

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.20	8.94#
279.00	22.90	22.88
0.00	0.00	0.00

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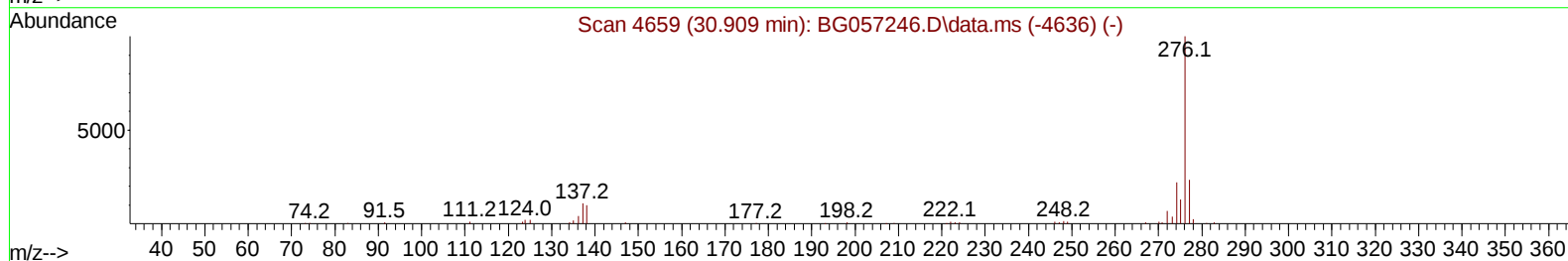
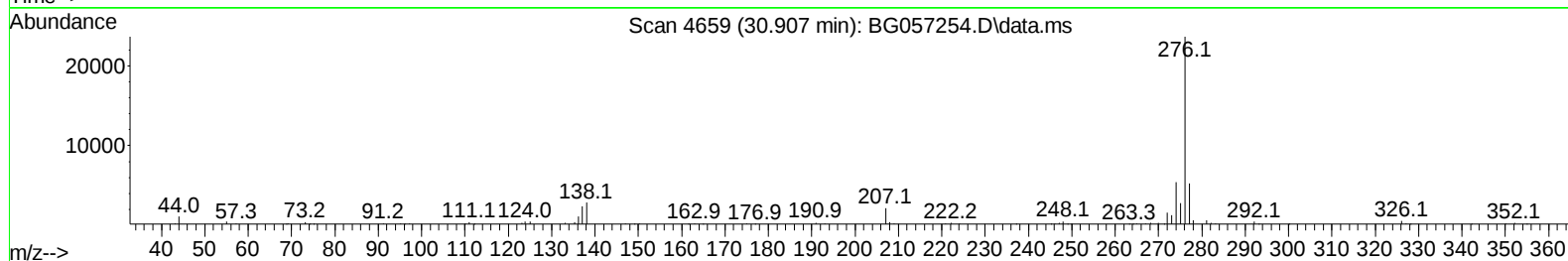
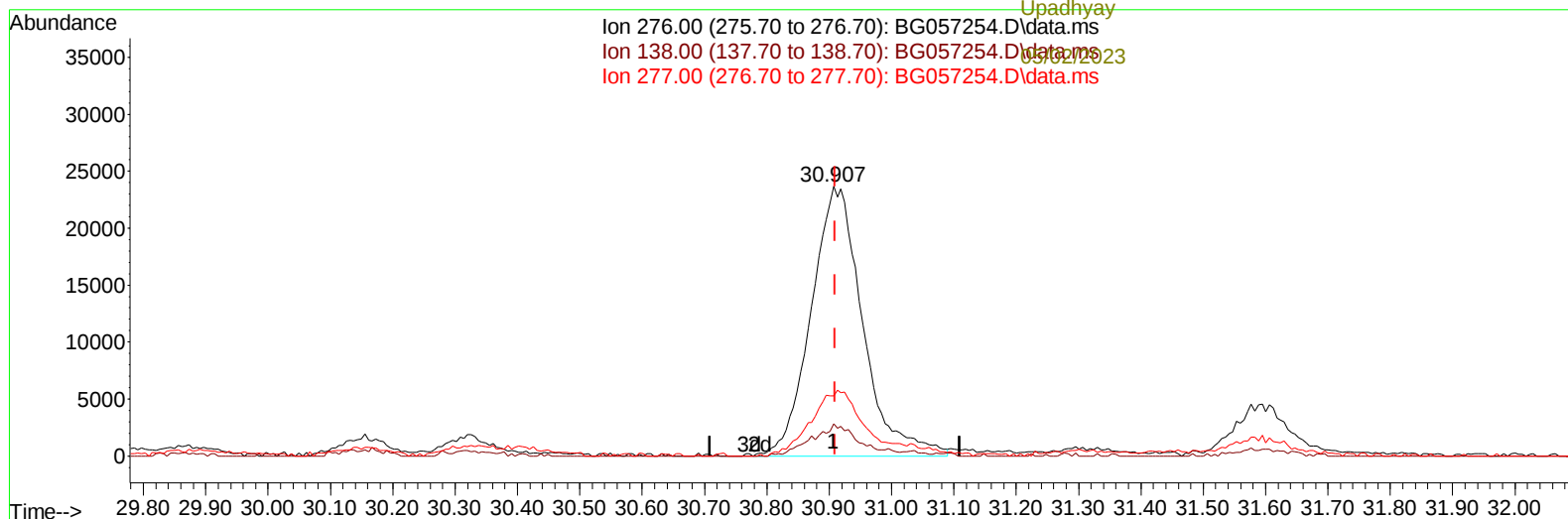
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TIC: BG057254.D\data.ms

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

30.907min (-0.002) 19.40 ng/ul m

response 136140

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.99
277.00	23.00	22.27
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----05/02/2023						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	18049	20.000	ng/ul	0.00
20) Naphthalene-d8	11.216	136	78636	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.993	164	57576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.731	188	129002	20.000	ng/ul	0.00
79) Chrysene-d12	22.049	240	110578	20.000	ng/ul	# 0.00
88) Perylene-d12	25.567	264	116018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.521	99	604	0.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.903	132	521	0.463	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	10.294	143	276	0.378	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/ul	
46) Dimethylphthalate-d6	14.377	166	2521	0.553	ng/ul	0.00
49) Acenaphthylene-d8	14.694	160	2970	0.579	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.980	176	2296	0.540	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.831	188	3554	0.604	ng/ul	0.00
81) Pyrene-d10	20.098	212	3886	0.592	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	3674	0.622	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	15.058	153	5168	1.392	ng/ul	96
56) Dibenzofuran	15.387	168	5673	1.058	ng/ul	95
61) Fluorene	16.033	166	10232	2.257	ng/ul	93
72) Phenanthrene	17.778	178	215668	32.104	ng/ul	99
74) Anthracene	17.866	178	43227	6.406	ng/ul	97
77) Carbazole	18.130	167	11960	2.121	ng/ul	95
80) Fluoranthene	19.769	202	601976	77.209	ng/ul#	96
82) Pyrene	20.128	202	480279	60.849	ng/ul	98
85) Benzo(a)anthracene	22.025	228	267508	34.205	ng/ul	99
87) Chrysene	22.101	228	270628	36.678	ng/ul	96
90) Benzo(b)fluoranthene	24.445	252	370599	46.128	ng/ul	96
91) Benzo(k)fluoranthene	24.510	252	115838m	14.820	ng/ul	
93) Benzo(a)pyrene	25.403	252	226744	32.691	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.638	276	167055	19.267	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.668	278	46388m	6.452	ng/ul	
96) Benzo(g,h,i)perylene	30.907	276	136140m	19.401	ng/ul	

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

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