

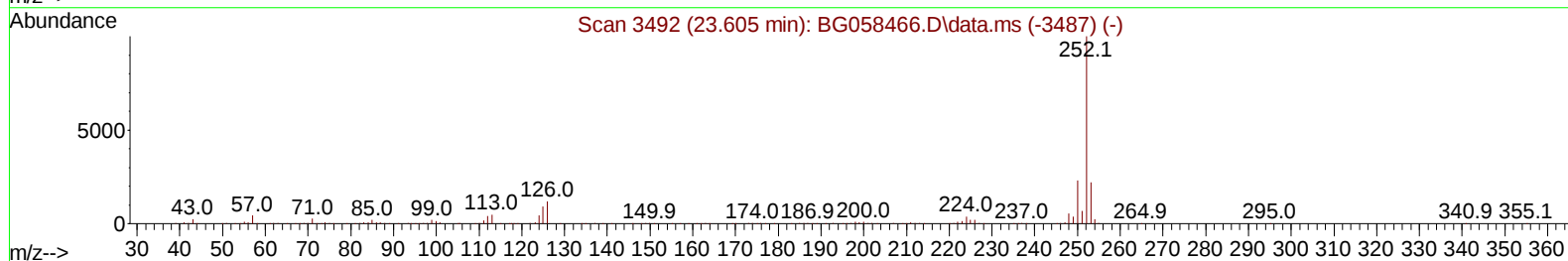
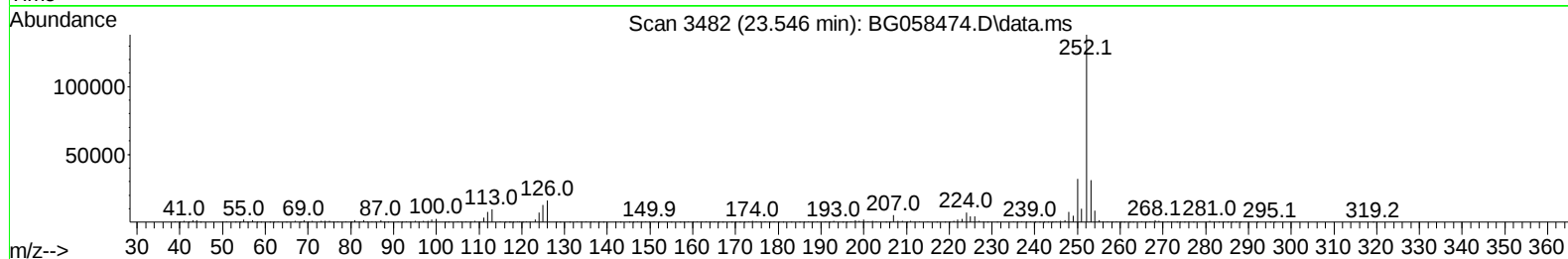
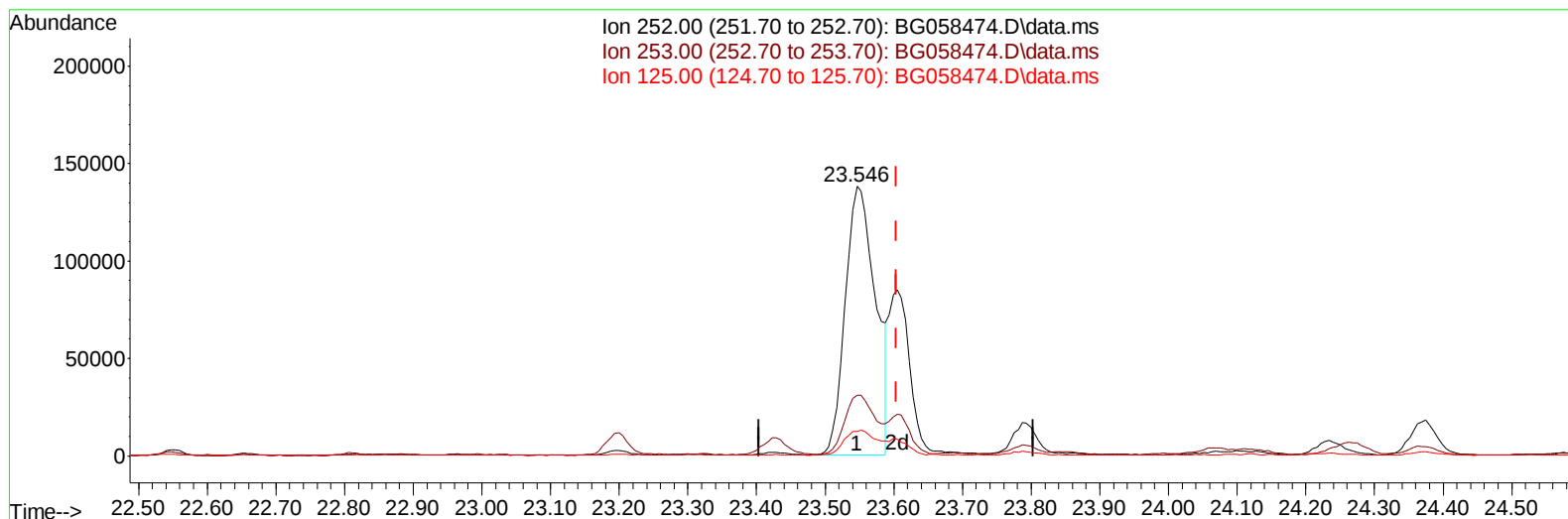
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058474.D
 Acq On : 26 Jul 2023 11:30
 Operator : CG/JU
 Sample : 03540-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4734DL

Manual IntegrationsAPPROVED

Quant Time: Jul 26 22:40:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :mohammad ahmed 07/27/2023



TIC: BG058474.D\data.ms

(91) Benzo(k)fluoranthene

23.546min (-0.058) 20.06 ng/u1

response 421022

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.49
125.00	8.30	9.21
0.00	0.00	0.00

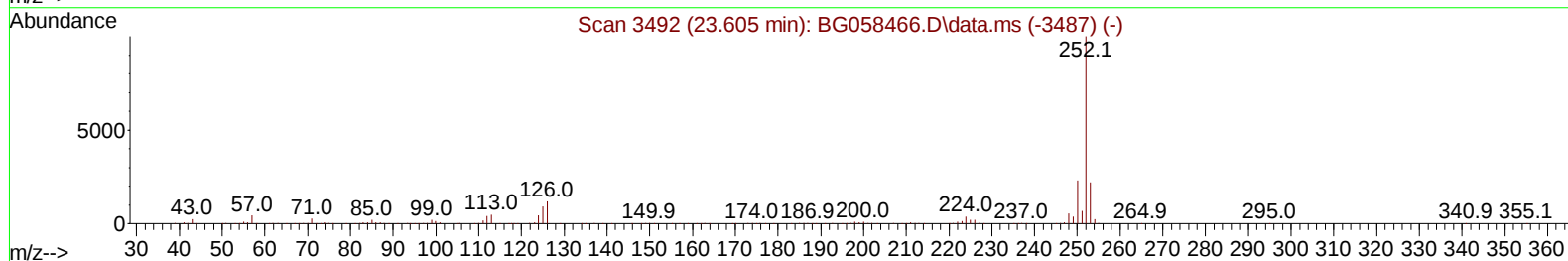
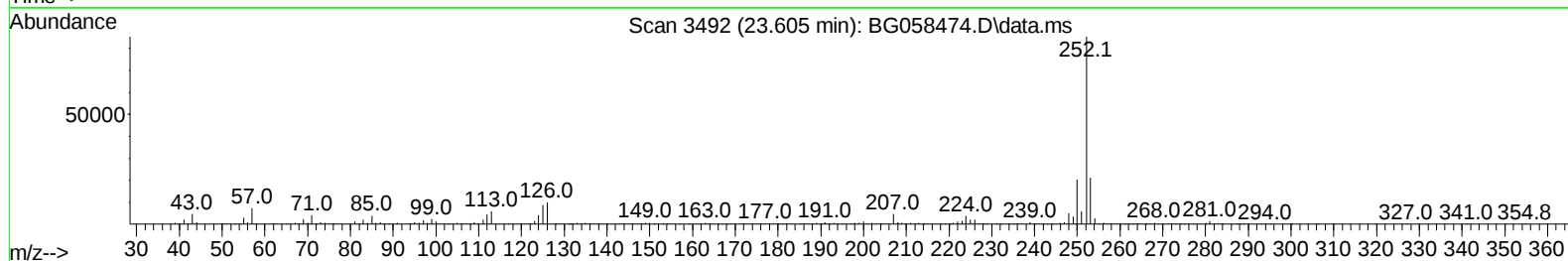
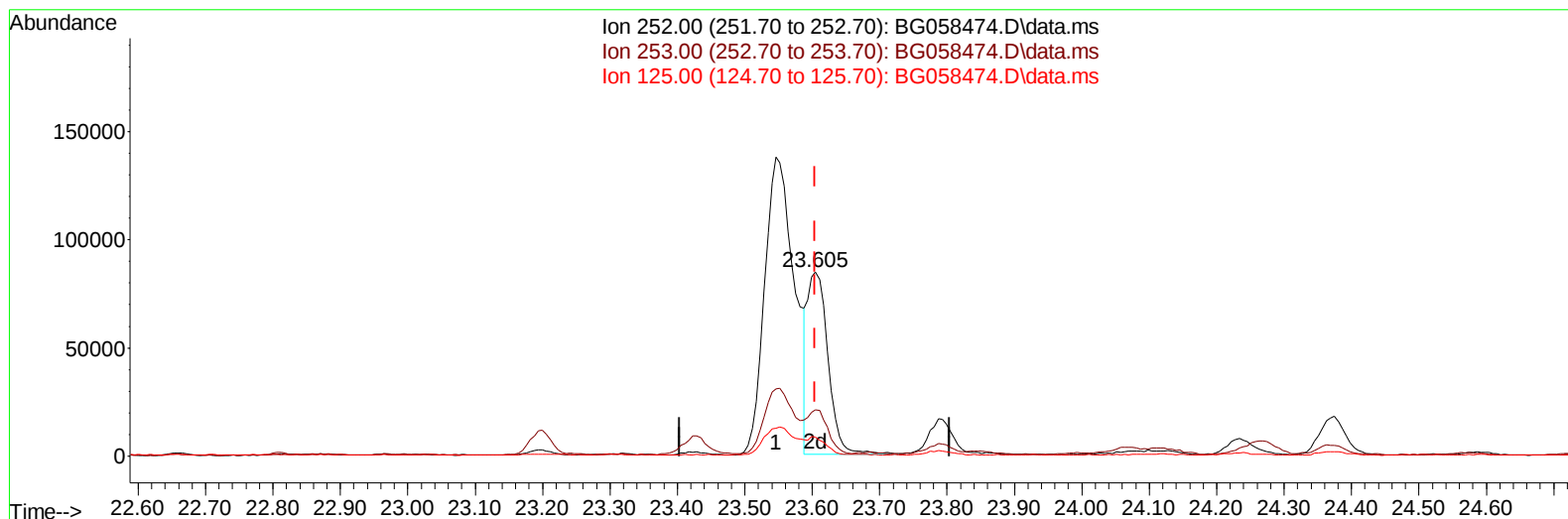
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TIC: BG058474.D\data.ms

(91) Benzo(k)fluoranthene

23.605min (+ 0.001) 8.54 ng/ul m

response 179226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	24.96
125.00	8.30	10.18#
0.00	0.00	0.00

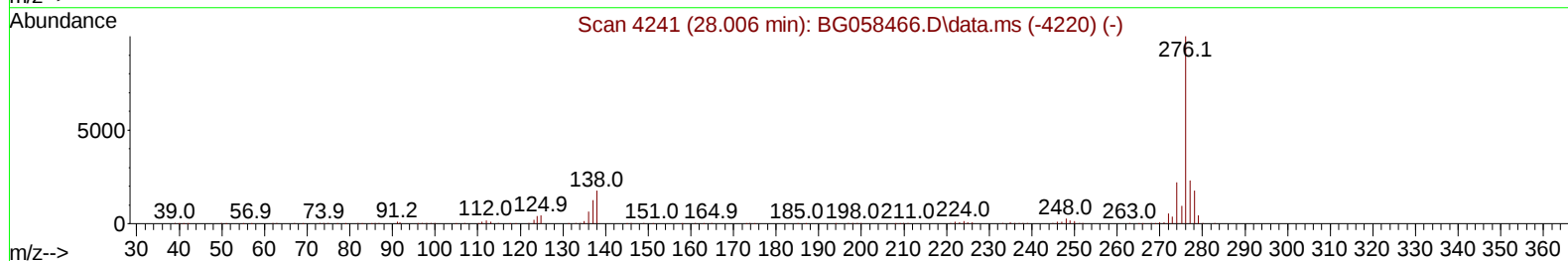
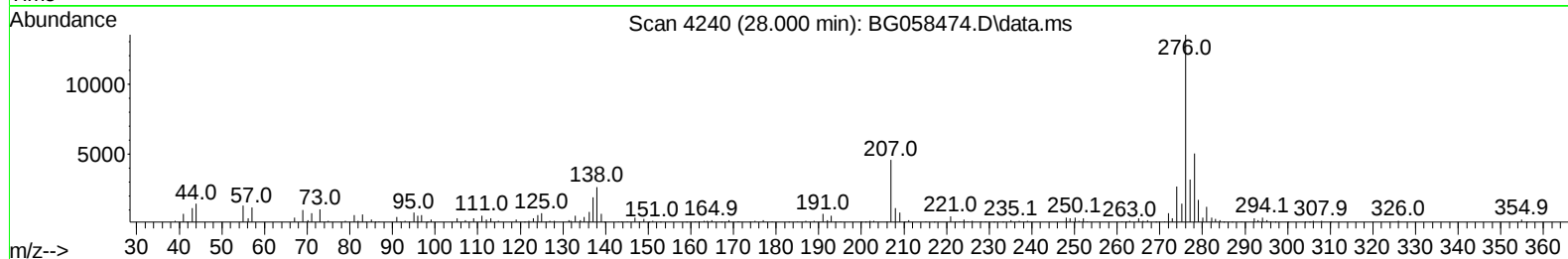
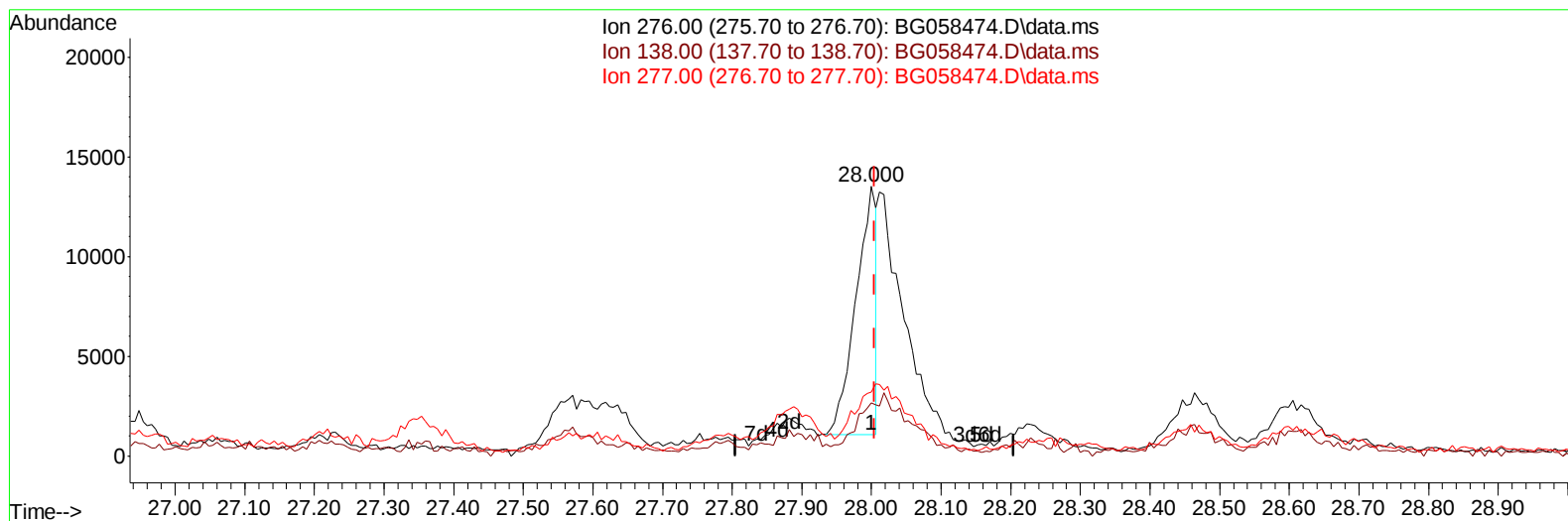
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Data File : BG058474.D
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(94) Indeno(1,2,3-cd)pyrene

28.000min (-0.005) 1.02 ng/u1

response 25054

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.70	19.68
277.00	25.90	23.64
0.00	0.00	0.00

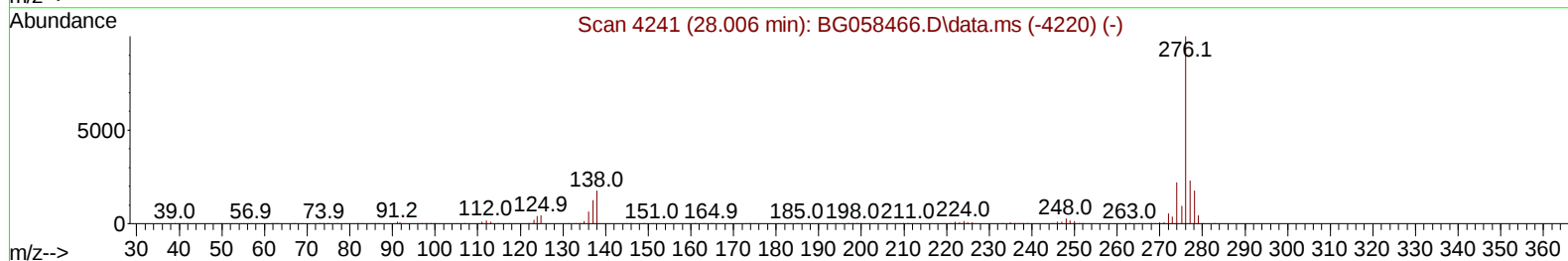
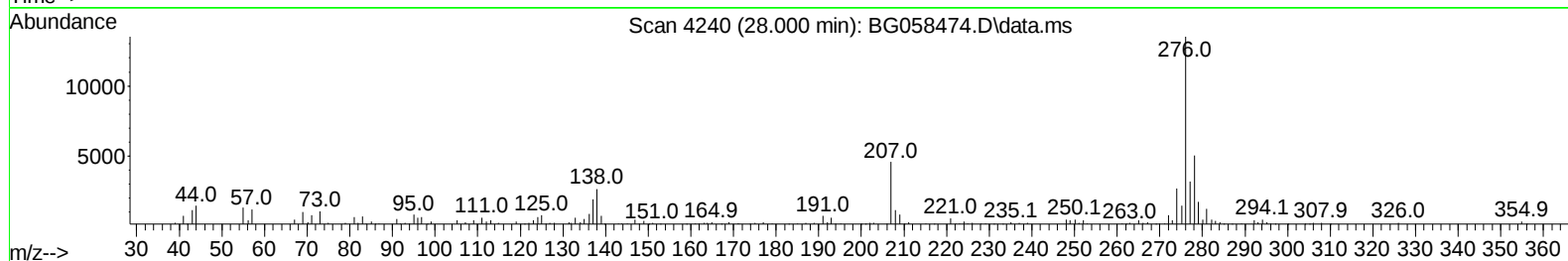
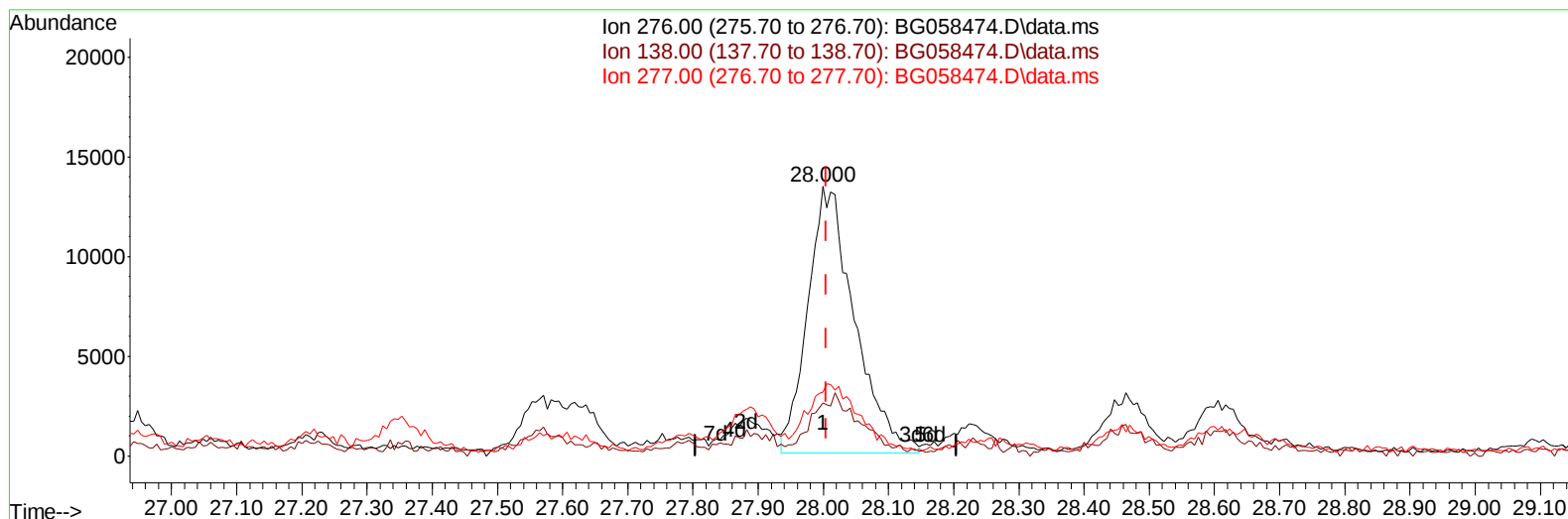
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TIC: BG058474.D\data.ms

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

28.000min (-0.005) 2.69 ng/ul m

response 66396

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.70	19.68
277.00	25.90	23.64
0.00	0.00	0.00

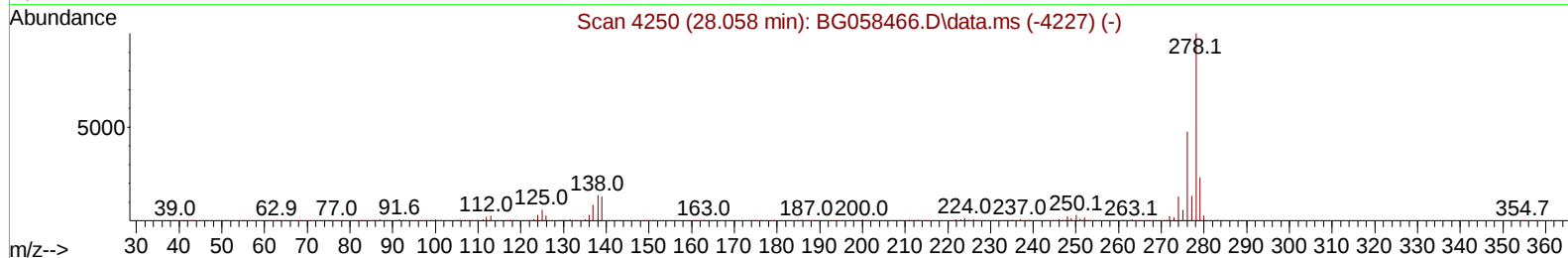
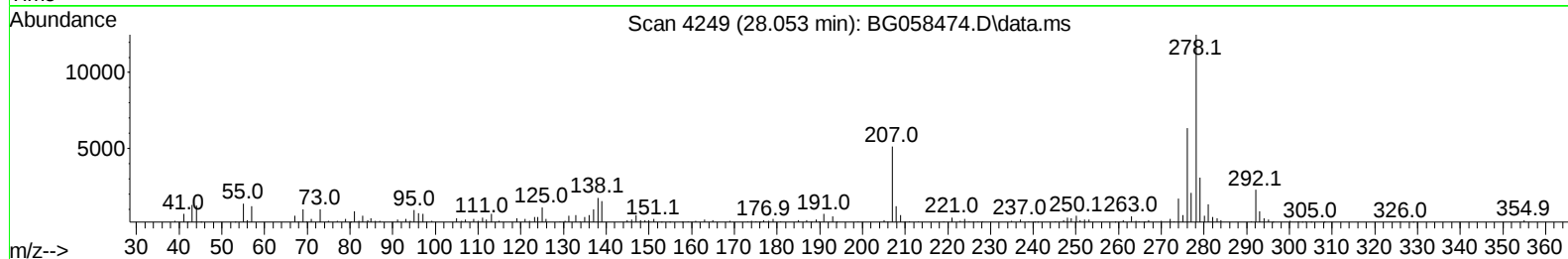
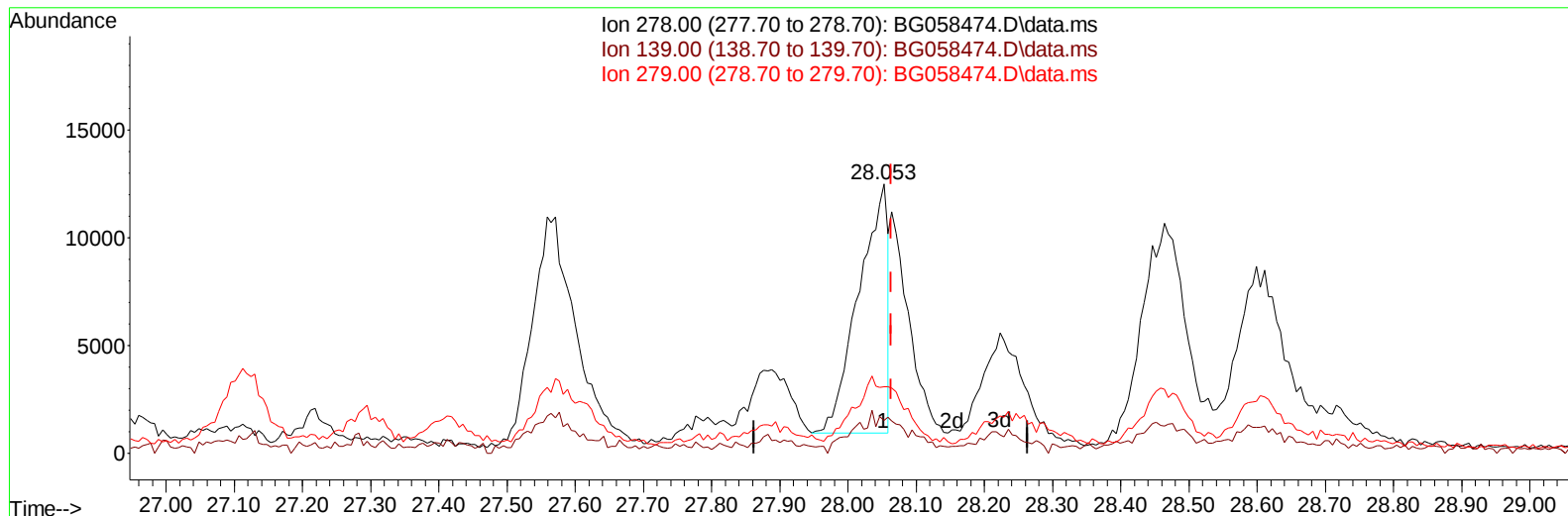
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 26 22:42:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
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TIC: BG058474.D\data.ms

(95) Dibenzo(a,h)anthracene

28.053min (-0.011) 1.69 ng/u1

response 34189

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.10	12.15
279.00	23.80	24.71
0.00	0.00	0.00

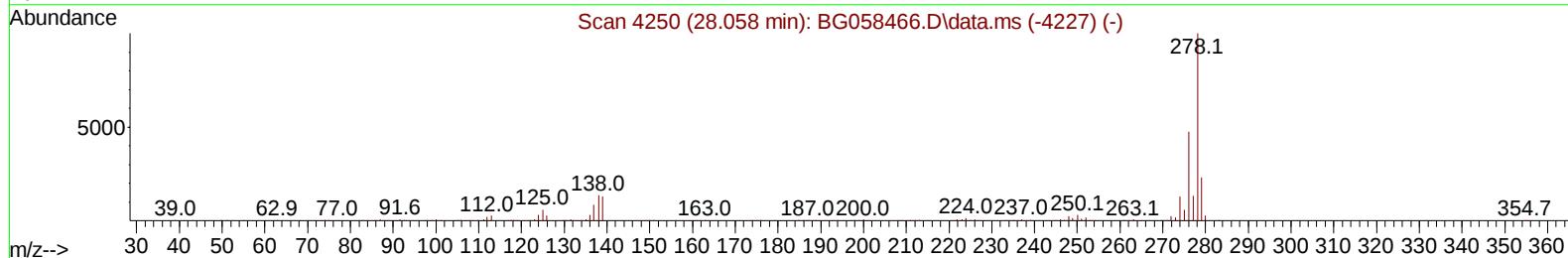
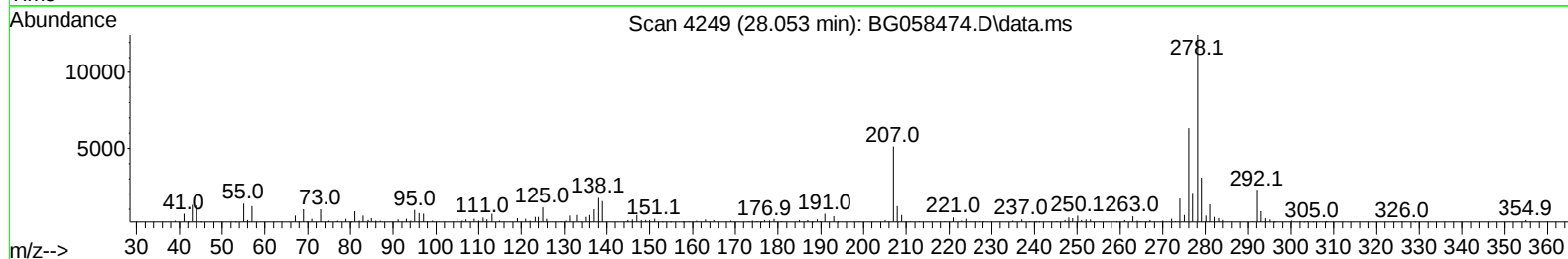
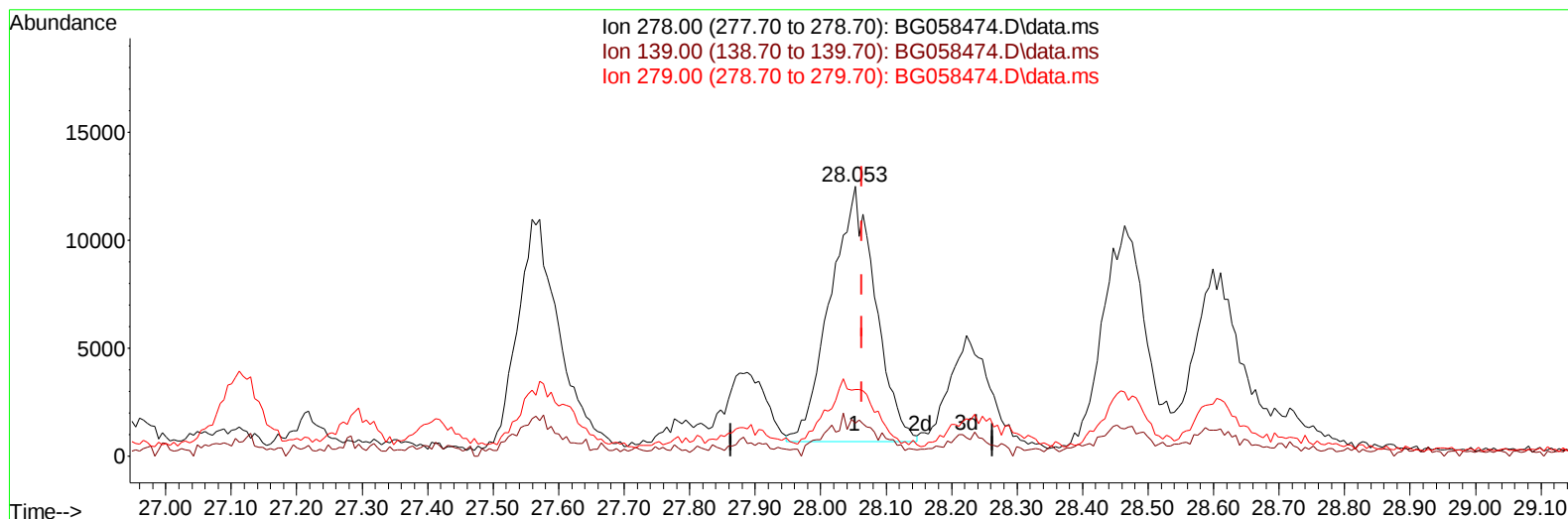
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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TIC: BG058474.D\data.ms

(95) Dibenzo(a,h)anthracene

28.053min (-0.011) 2.79 ng/ul m

response 56361

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.10	12.15
279.00	23.80	24.71
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	51559	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	215046	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	147950	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	331103	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	285898	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	363710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	999	0.713	ng/uL	0.00
4) Pyridine-d5	3.652	84	5953	1.432	ng/ul	0.00
7) Phenol-d5	6.989	99	12956	2.649	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	11004	3.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	12757	3.726	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	10644	2.853	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	5506	3.416	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	6051	3.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	10612	3.146	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	46487	4.075	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	43614	3.648	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	0.00
60) Fluorene-d10	15.456	176	41973	4.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	0.00
73) Anthracene-d10	17.306	188	59175	4.136	ng/ul	0.00
81) Pyrene-d10	19.598	212	26819	1.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	12611	0.717	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.640	105	14584	2.295	ng/ul	94
30) Naphthalene	10.667	128	53851	4.685	ng/ul	100
36) 2-Methylnaphthalene	12.283	142	20290	2.635	ng/ul	98
37) 1-Methylnaphthalene	12.500	142	15994	2.026	ng/ul#	96
47) Dimethylphthalate	13.916	163	14645	1.278	ng/ul	98
52) Acenaphthene	14.527	153	78151	8.722	ng/ul	97
56) Dibenzofuran	14.862	168	85665	6.714	ng/ul	97
61) Fluorene	15.509	166	96547	9.228	ng/ul	100
72) Phenanthrene	17.254	178	896728	56.990	ng/ul	98
74) Anthracene	17.342	178	211254	13.374	ng/ul	100
77) Carbazole	17.612	167	26015	1.900	ng/ul	98
78) Di-n-butylphthalate	18.164	149	18271	1.050	ng/ul	98
80) Fluoranthene	19.269	202	982694	50.799	ng/ul	99
82) Pyrene	19.627	202	281387	14.356	ng/ul	99
85) Benzo(a)anthracene	21.431	228	456286	23.744	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	48750	4.441	ng/ul	99
87) Chrysene	21.496	228	350184	19.212	ng/ul	97
90) Benzo(b)fluoranthene	23.546	252	421022	20.007	ng/ul	99
91) Benzo(k)fluoranthene	23.605	252	179226m	8.539	ng/ul	
93) Benzo(a)pyrene	24.375	252	47713	2.549	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.000	276	66396m	2.692	ng/ul	
95) Dibenzo(a,h)anthracene	28.053	278	56361m	2.787	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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