

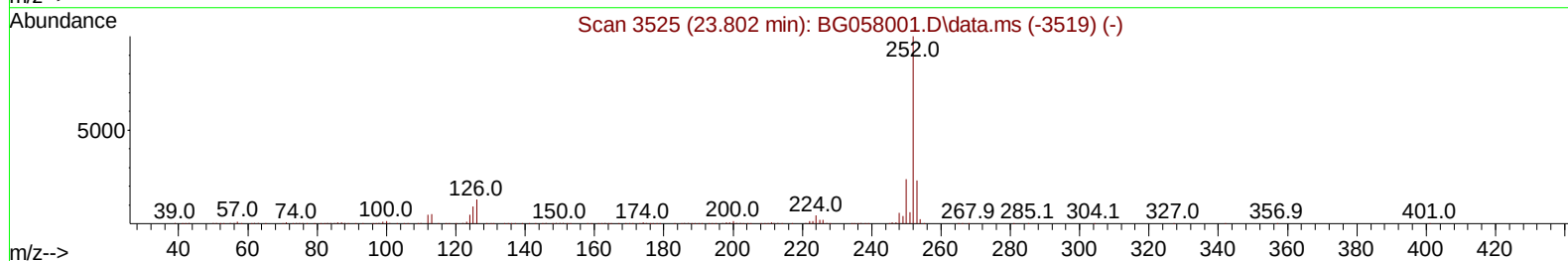
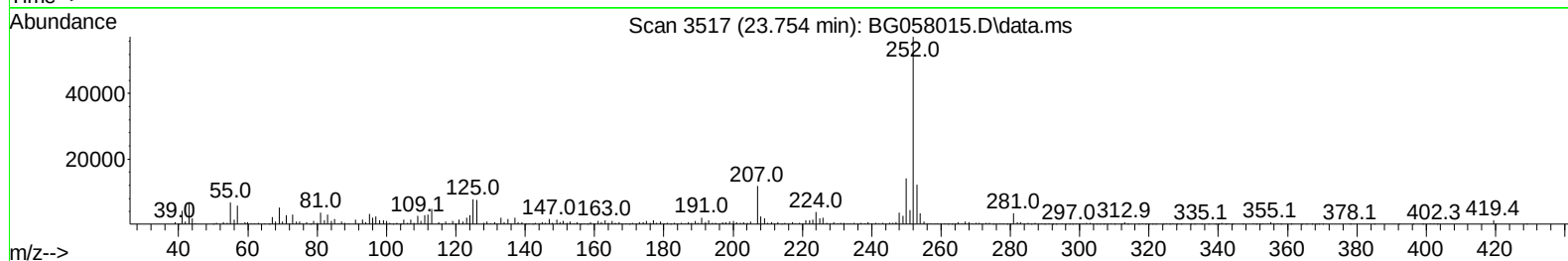
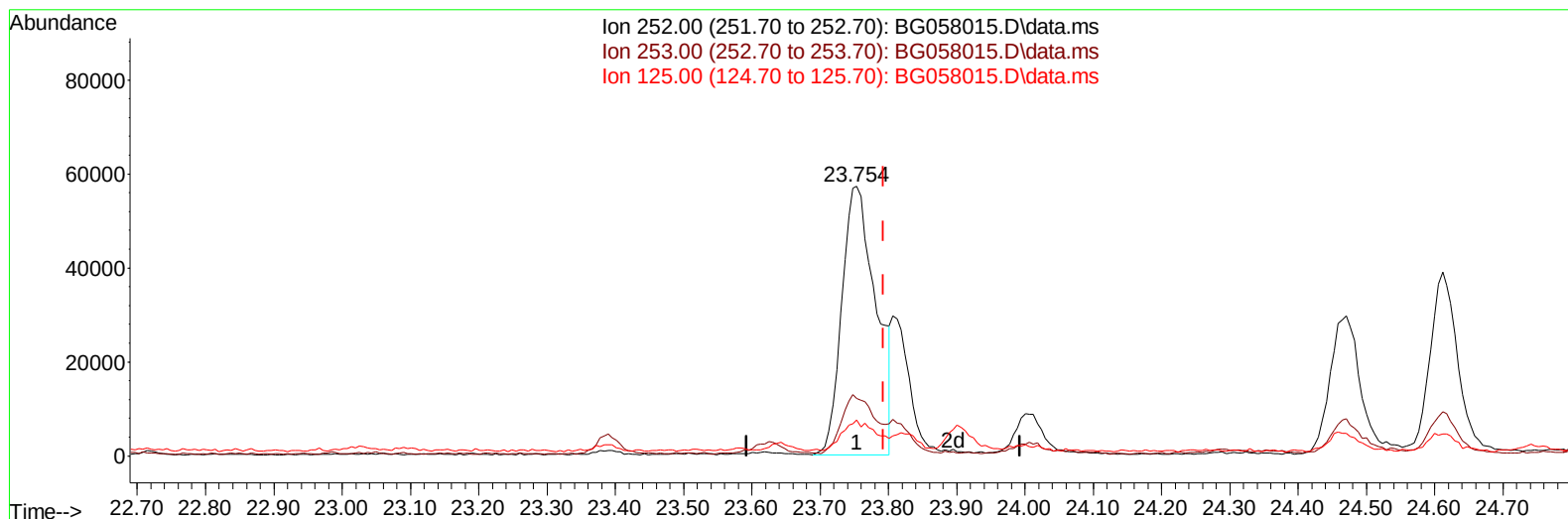
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058015.D
 Acq On : 5 Jul 2023 11:04
 Operator : CG/JU
 Sample : 03248-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN8

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:19:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058015.D\data.ms

(91) Benzo(k)fluoranthene

23.754min (-0.039) 6.34 ng/u1

response 198504

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.36
125.00	9.30	13.32#
0.00	0.00	0.00

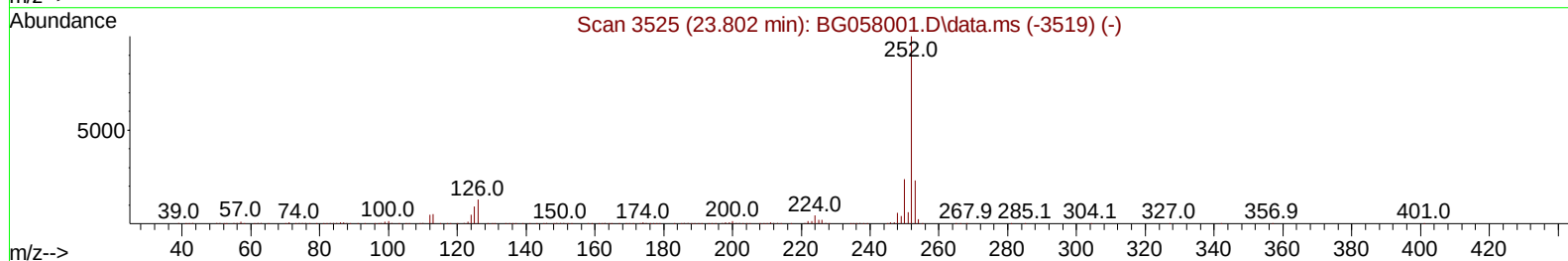
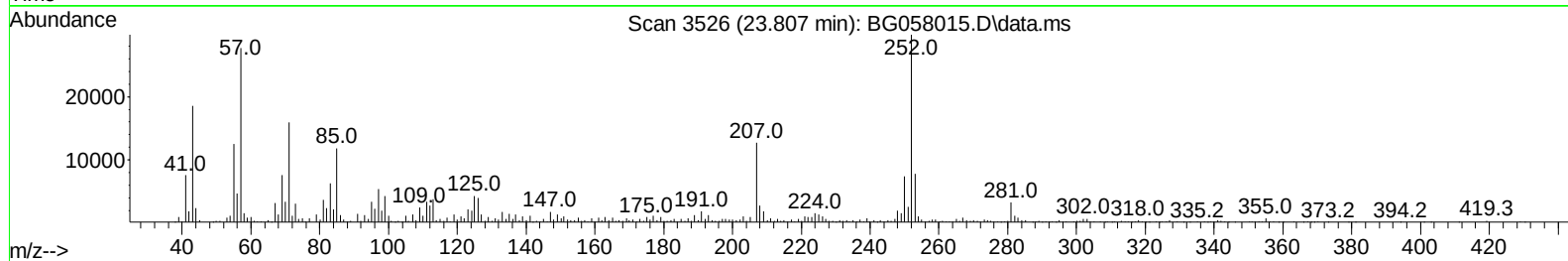
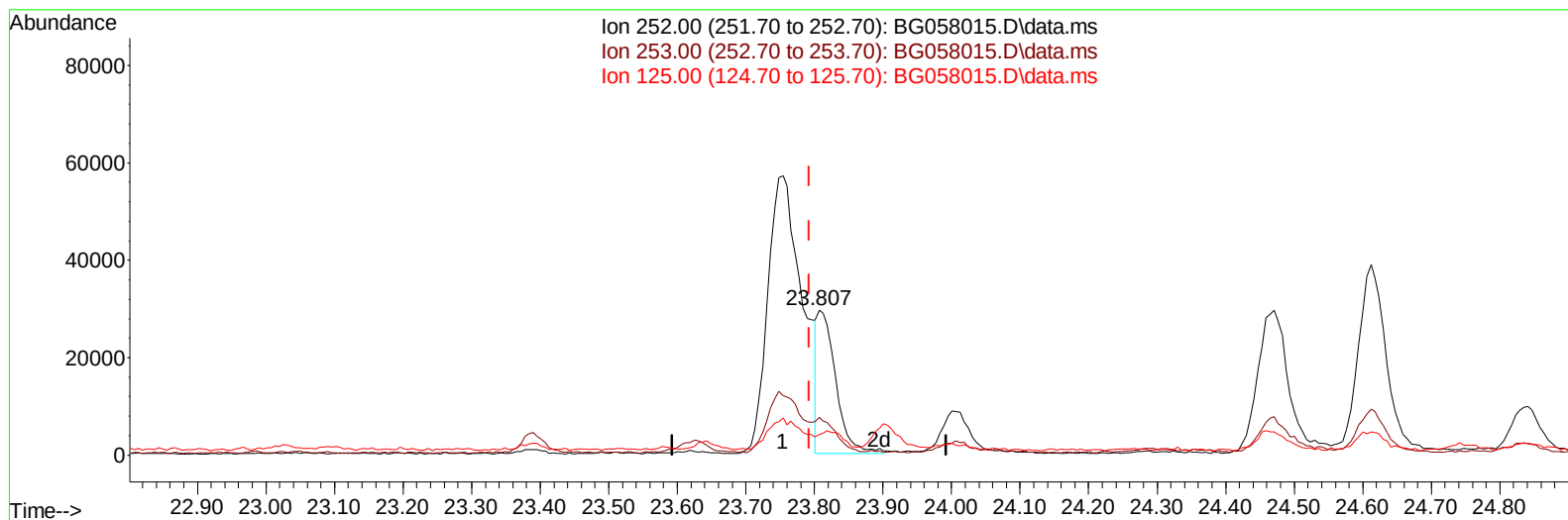
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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TIC: BG058015.D\data.ms

(91) Benzo(k)fluoranthene

23.807min (+ 0.014) 1.72 ng/ul m

response 53825

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.04
125.00	9.30	14.38#
0.00	0.00	0.00

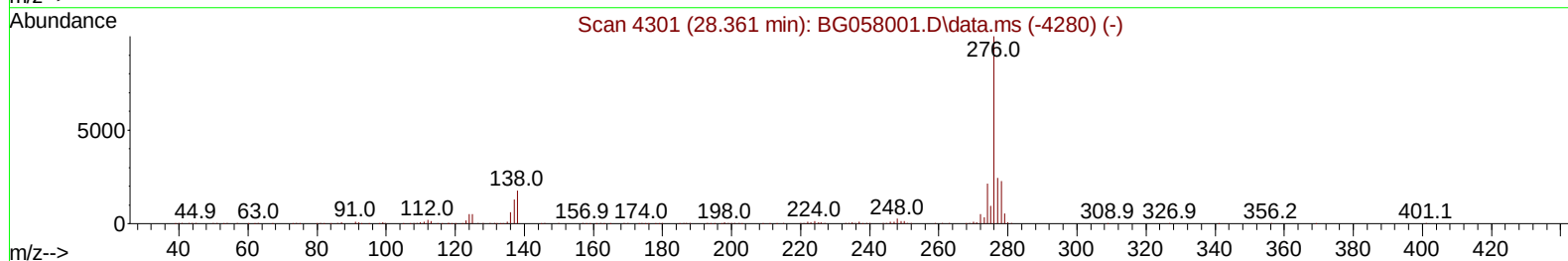
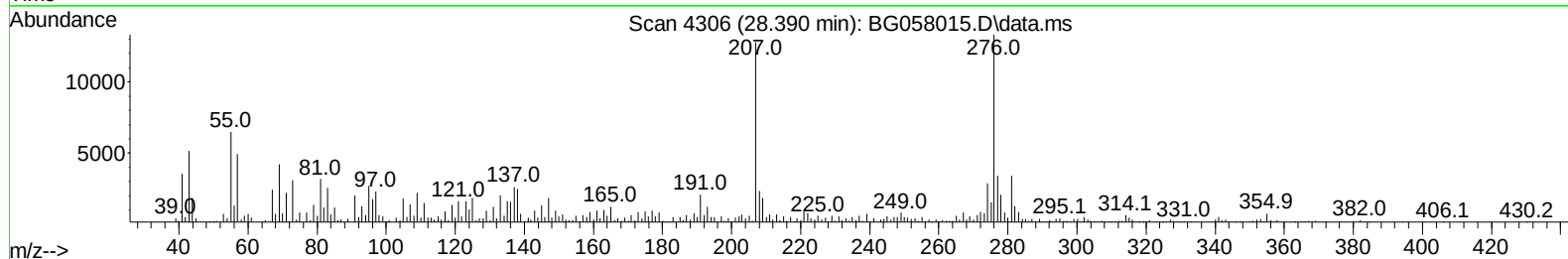
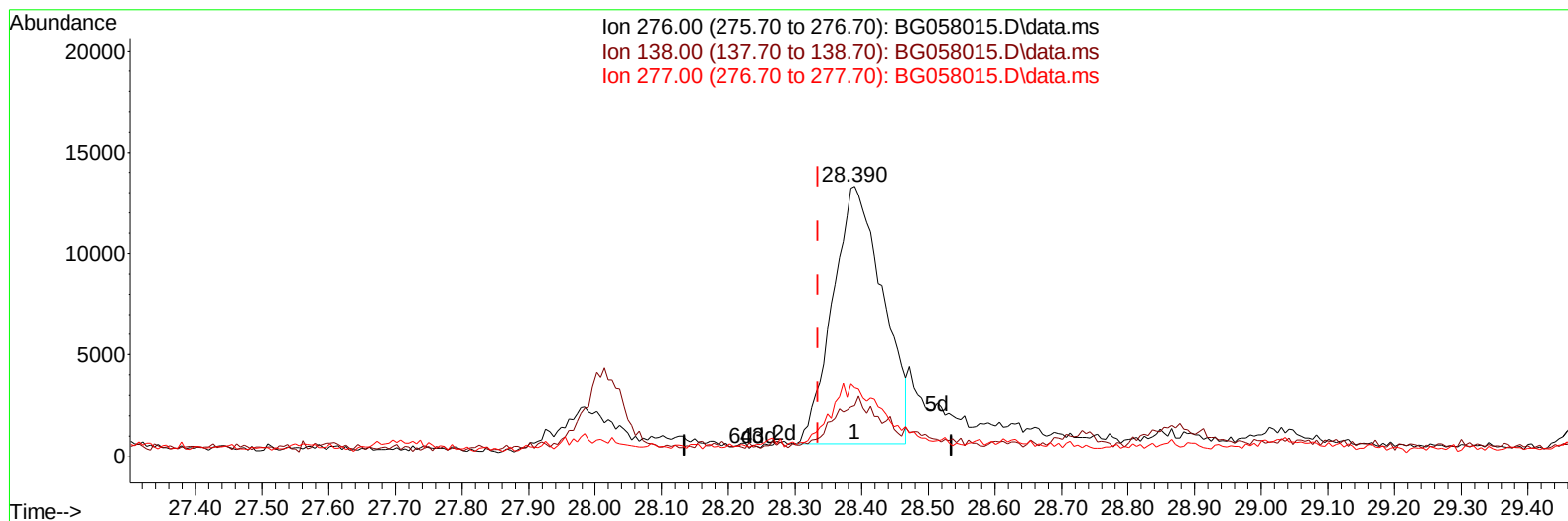
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058015.D
Acq On : 5 Jul 2023 11:04
Operator : CG/JU
Sample : 03248-10
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 12:20:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration



TIC: BG058015.D\data.ms

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

28.390min (+ 0.055) 1.77 ng/u1

response 66508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	18.70
277.00	24.30	25.48
0.00	0.00	0.00

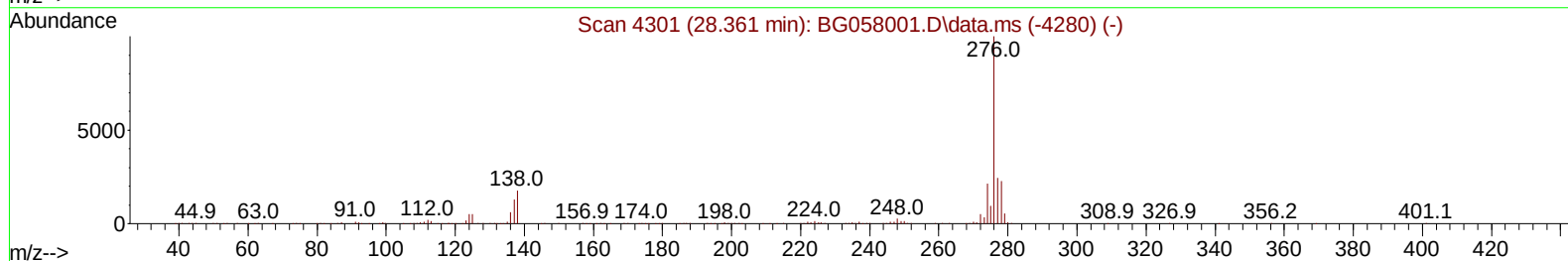
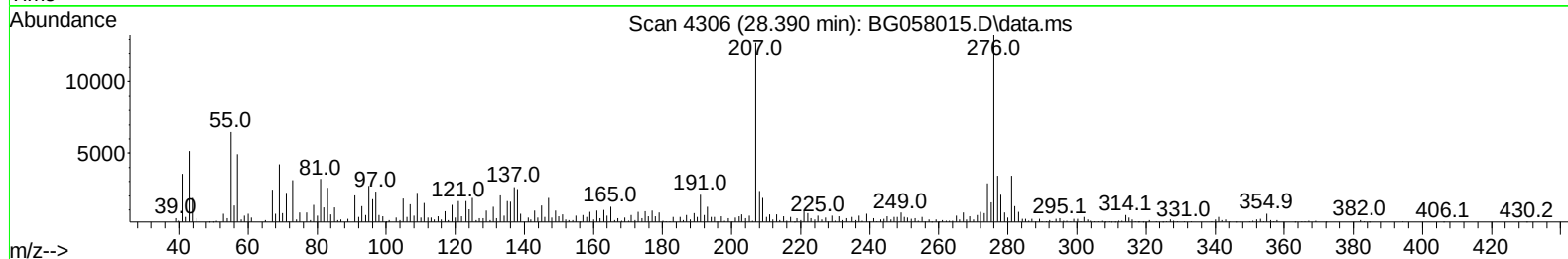
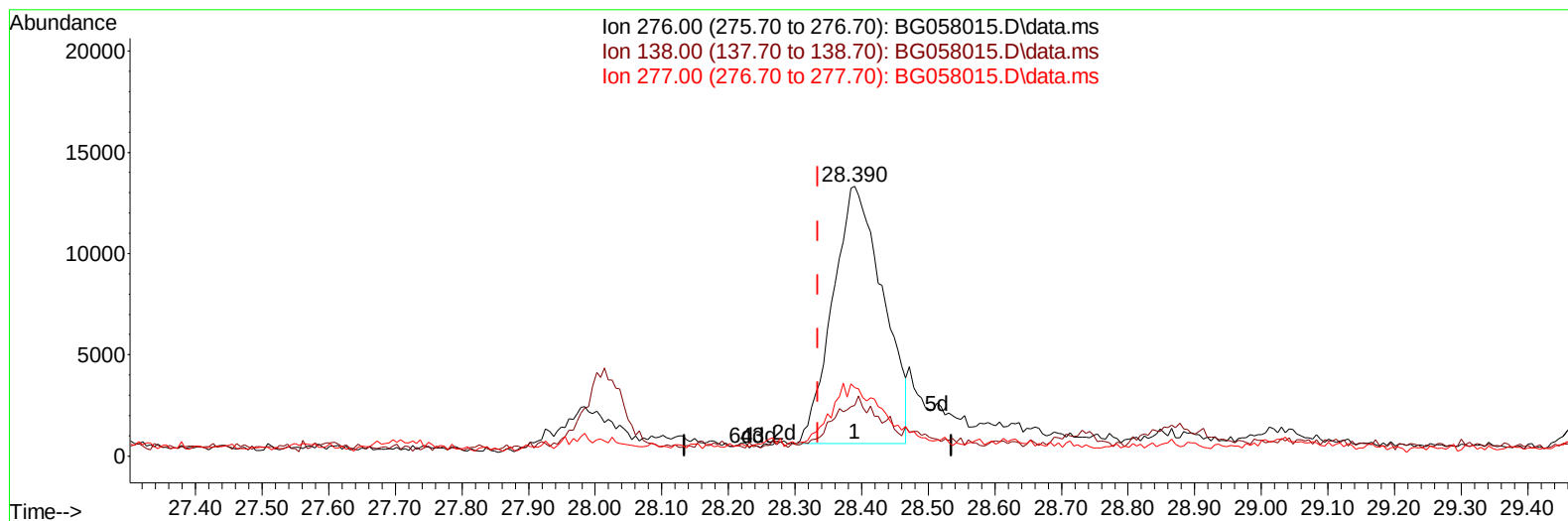
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058015.D
 Acq On : 5 Jul 2023 11:04
 Operator : CG/JU
 Sample : 03248-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN8

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:20:09 2023
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 Supervised By :mohammad ahmed 07/05/2023



TIC: BG058015.D\data.ms

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

28.390min (+ 0.055) 1.77 ng/u1

response 66508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	18.70
277.00	24.30	25.48
0.00	0.00	0.00

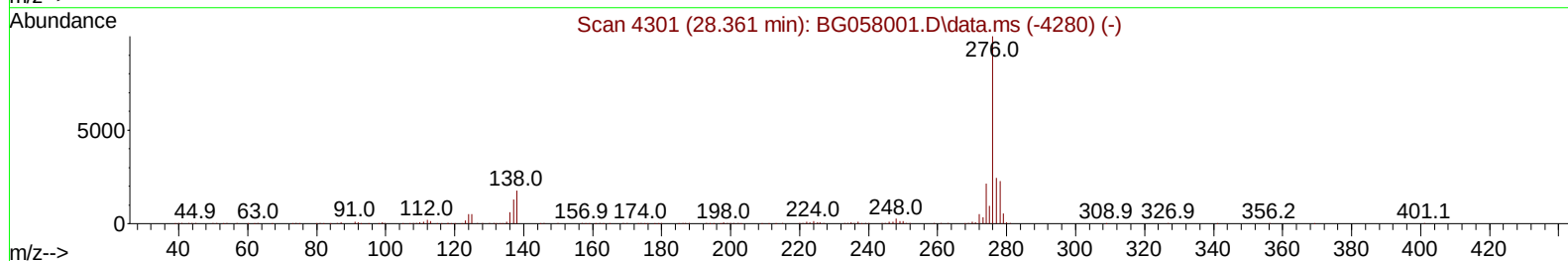
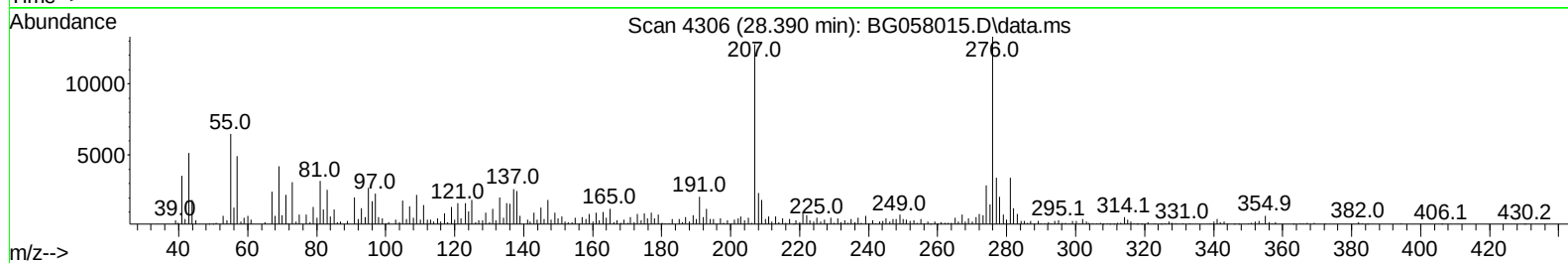
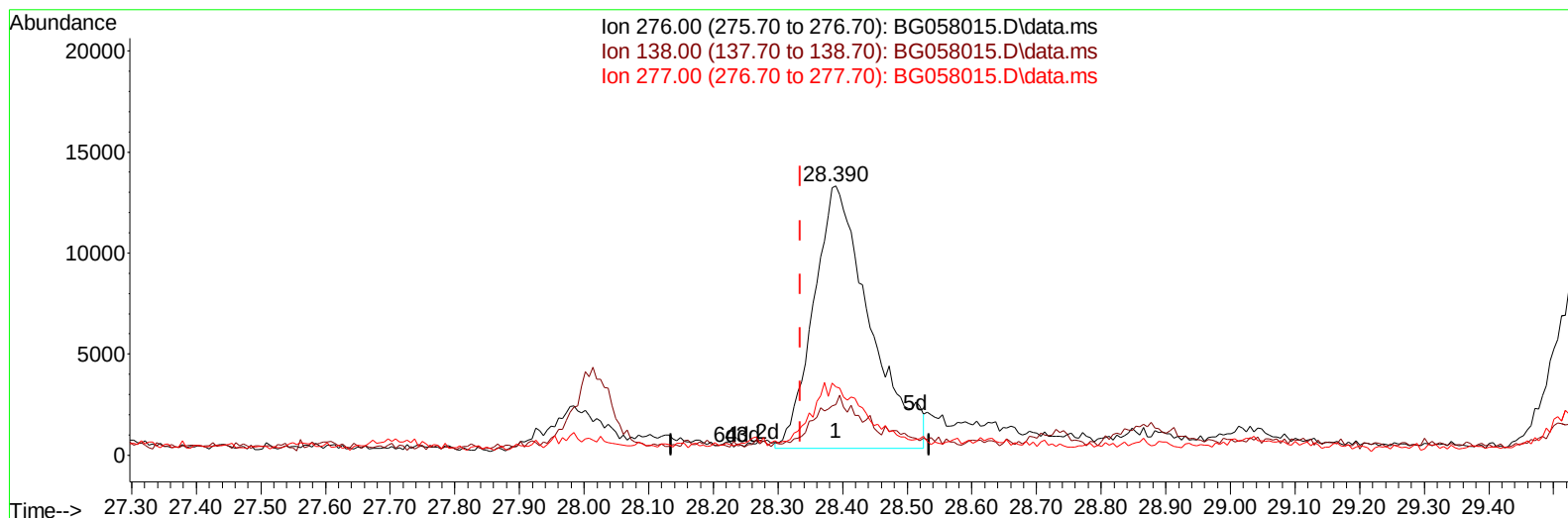
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058015.D
 Acq On : 5 Jul 2023 11:04
 Operator : CG/JU
 Sample : 03248-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGN8

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:20:09 2023
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TIC: BG058015.D\data.ms

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

28.390min (+ 0.055) 2.08 ng/ul m

response 77929

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.50	18.70
277.00	24.30	25.48
0.00	0.00	0.00

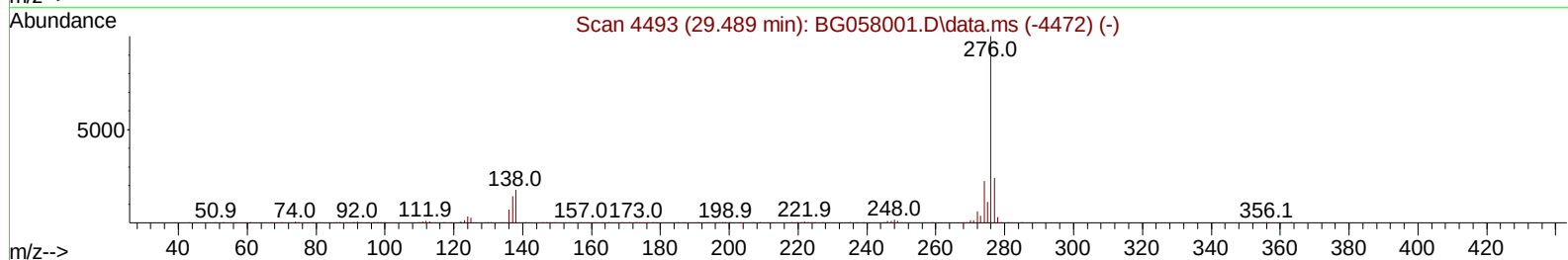
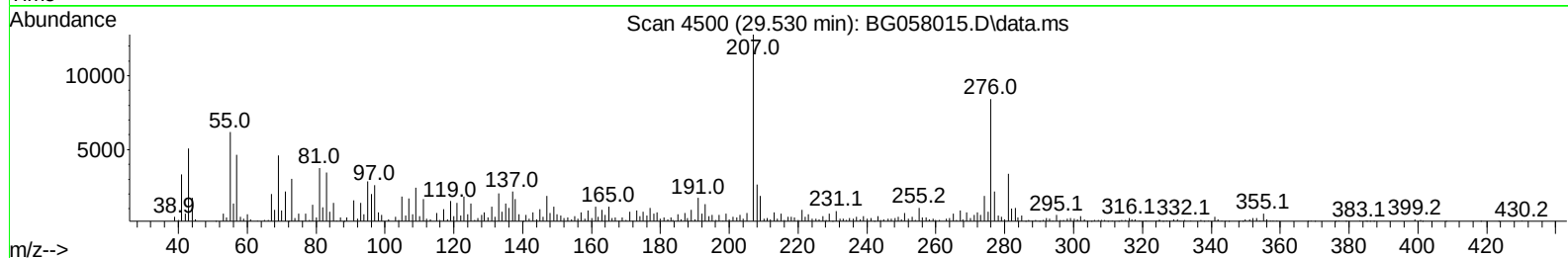
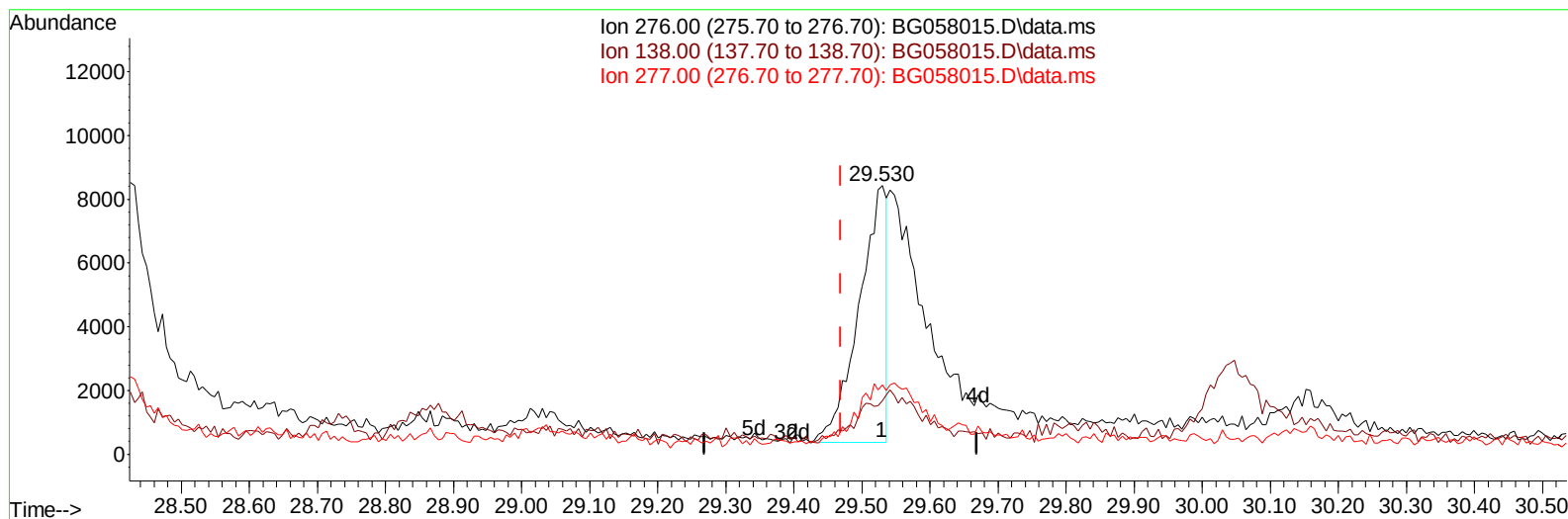
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058015.D
Acq On : 5 Jul 2023 11:04
Operator : CG/JU
Sample : 03248-10
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN8

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:21:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



TIC: BG058015.D\data.ms

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

29.530min (+ 0.061) 0.74 ng/u1

response 22686

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	19.86
277.00	23.20	25.84
0.00	0.00	0.00

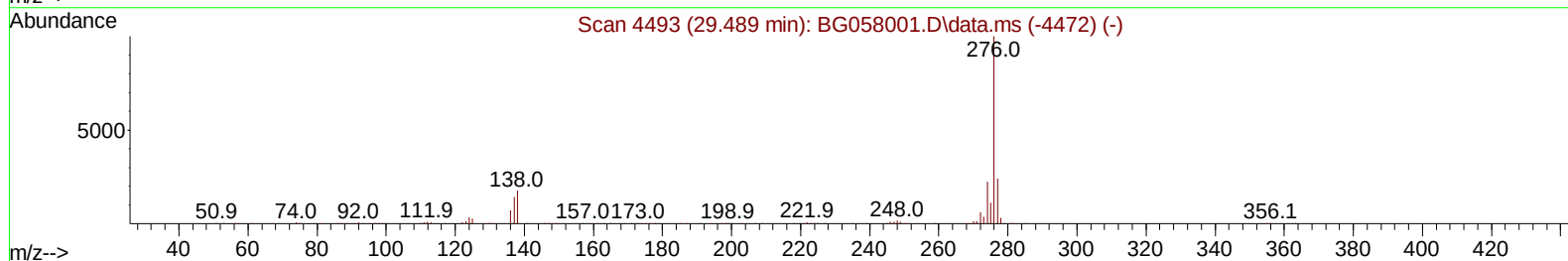
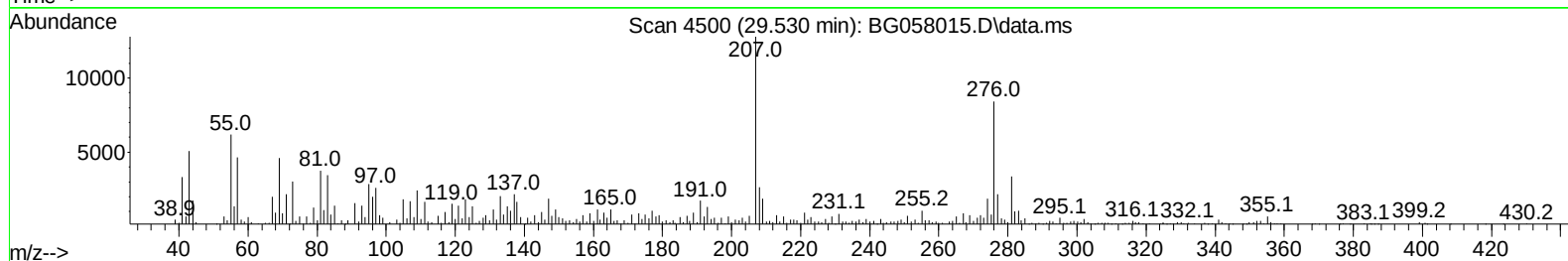
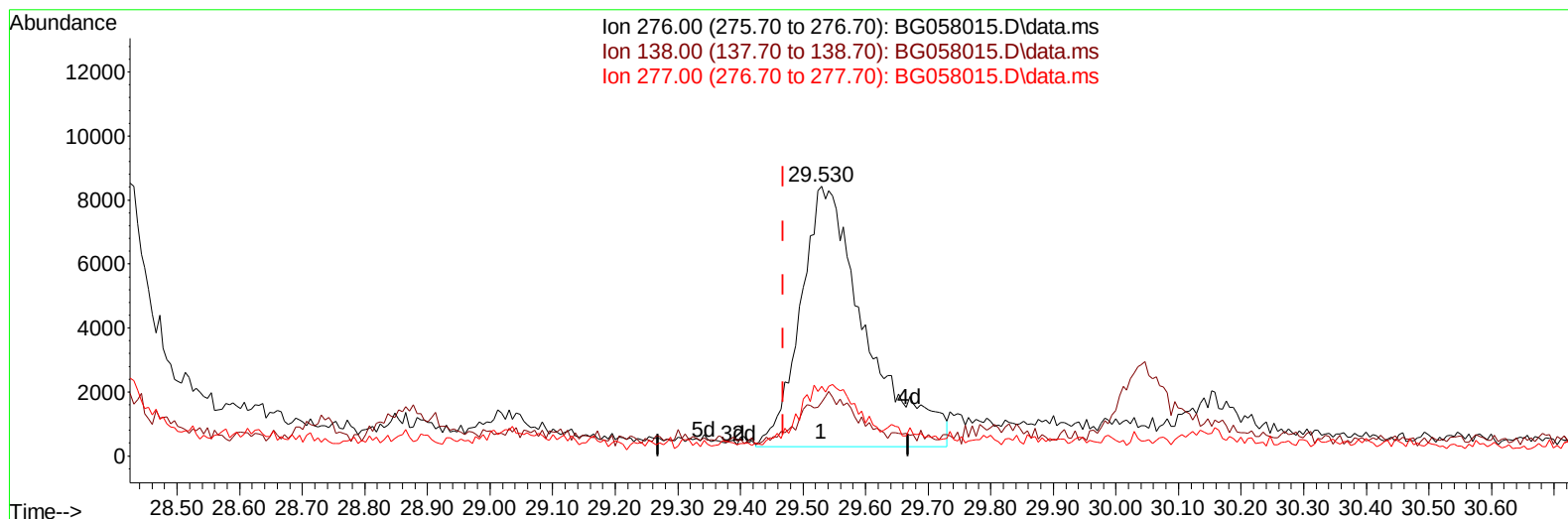
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058015.D
 Acq On : 5 Jul 2023 11:04
 Operator : CG/JU
 Sample : 03248-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DCGN8

Manual IntegrationsAPPROVED

Quant Time: Jul 05 12:21:32 2023
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TIC: BG058015.D\data.ms

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

29.530min (+ 0.061) 1.91 ng/ul m

response 58601

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.70	19.86
277.00	23.20	25.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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 Sample : 03248-10
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 12:22:14 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	80838	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	376753	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.582	164	254167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.326	188	539774	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	435340	20.000	ng/ul	0.01
88) Perylene-d12	24.765	264	515579	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	8370	3.626	ng/uL	0.00
4) Pyridine-d5	3.789	84	97586	13.924	ng/ul	0.00
7) Phenol-d5	7.115	99	207041	25.079	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.267	67	123917	24.908	ng/ul	0.00
11) 2-Chlorophenol-d4	7.479	132	152130	26.718	ng/ul	0.00
15) 4-Methylphenol-d8	8.654	113	140265	22.517	ng/ul	0.00
21) Nitrobenzene-d5	9.106	128	81296	26.475	ng/ul	0.00
24) 2-Nitrophenol-d4	9.829	143	92426	28.639	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.376	165	166578	26.906	ng/ul	0.01
31) 4-Chloroaniline-d4	10.887	131	55386	5.901	ng/ul	0.00
46) Dimethylphthalate-d6	13.983	166	525935	26.226	ng/ul	0.00
49) Acenaphthylene-d8	14.277	160	607543	27.762	ng/ul	0.00
54) 4-Nitrophenol-d4	14.788	143	79366	22.400	ng/ul	0.01
60) Fluorene-d10	15.575	176	463094	27.191	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.693	200	65782	22.444	ng/ul	0.01
73) Anthracene-d10	17.426	188	642676	25.659	ng/ul	0.01
81) Pyrene-d10	19.712	212	773046	28.195	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.547	264	790422	30.091	ng/ul	0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.367	178	58627	2.135	ng/ul	99
80) Fluoranthene	19.377	202	255047	8.028	ng/ul	99
82) Pyrene	19.741	202	205064	6.412	ng/ul	99
85) Benzo(a)anthracene	21.562	228	107089	3.426	ng/ul	95
87) Chrysene	21.627	228	121511	4.147	ng/ul	96
90) Benzo(b)fluoranthene	23.754	252	198504	6.218	ng/ul#	95
91) Benzo(k)fluoranthene	23.807	252	53825m	1.720	ng/ul	
93) Benzo(a)pyrene	24.612	252	104973	3.715	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.390	276	77929m	2.077	ng/ul	
96) Benzo(g,h,i)perylene	29.530	276	58601m	1.912	ng/ul	

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

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