

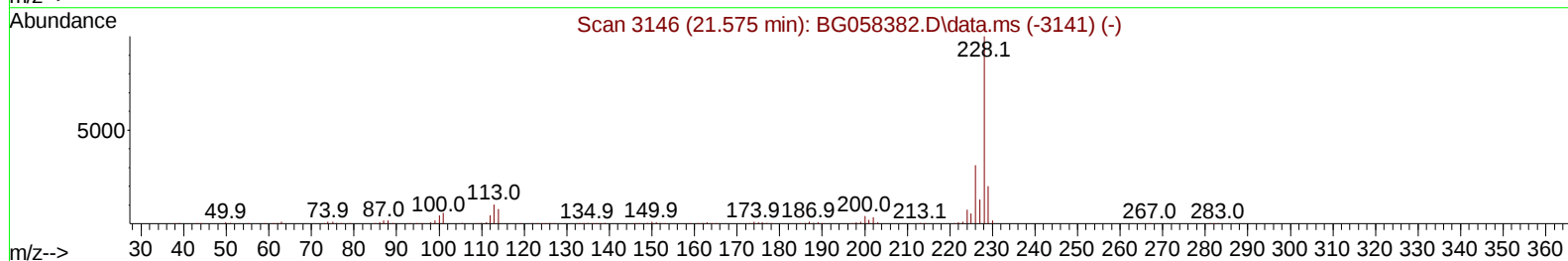
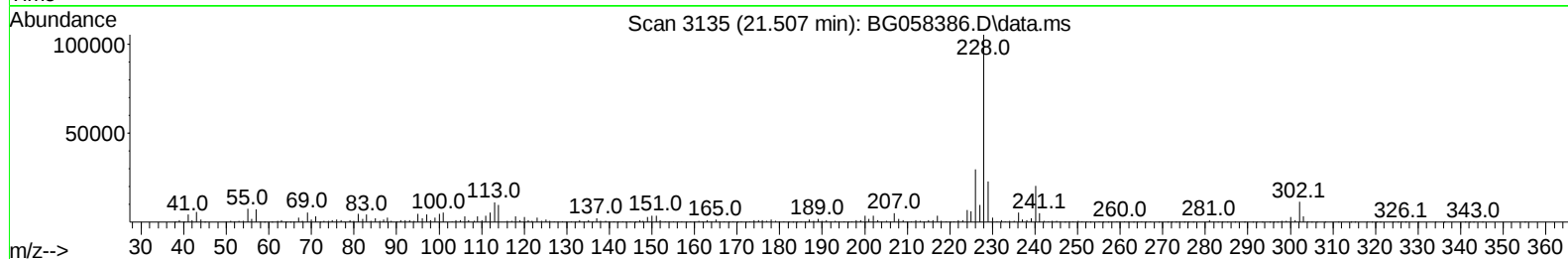
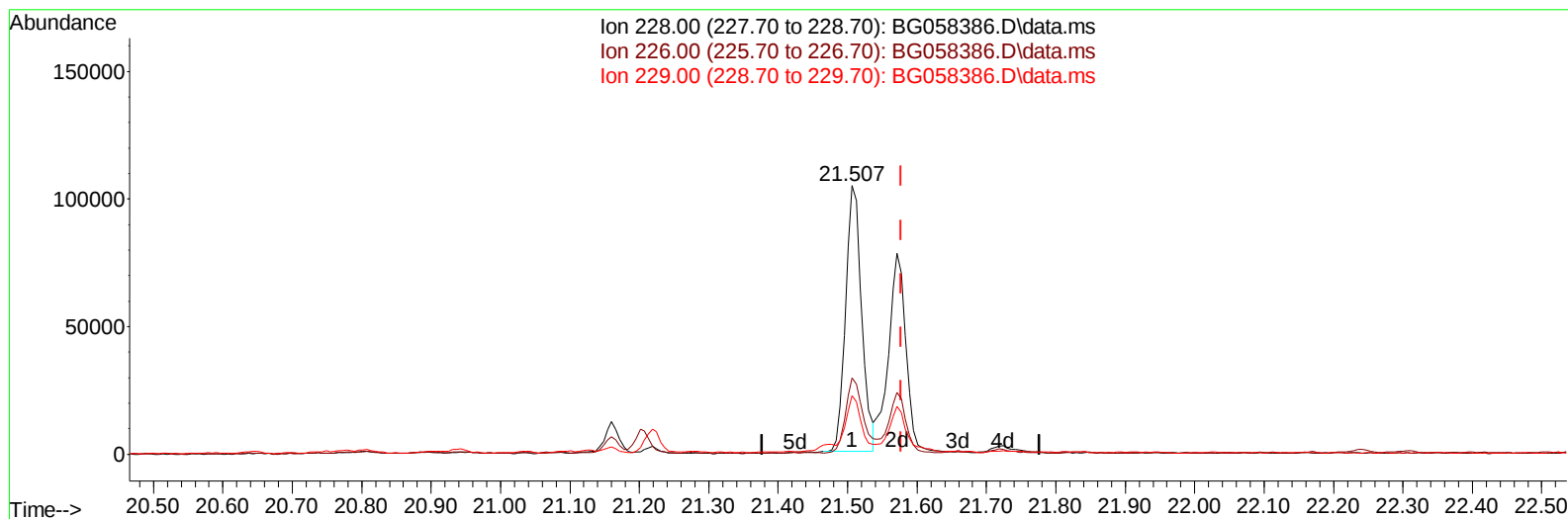
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058386.D
 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:16:40 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: BG058386.D\data.ms

(87) Chrysene

21.507min (-0.070) 10.33 ng/u1

response 167836

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	28.34
229.00	19.80	21.82
0.00	0.00	0.00

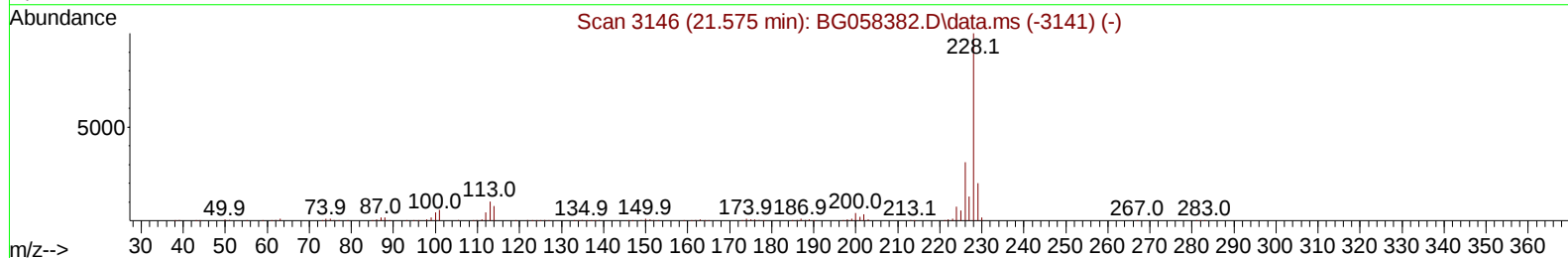
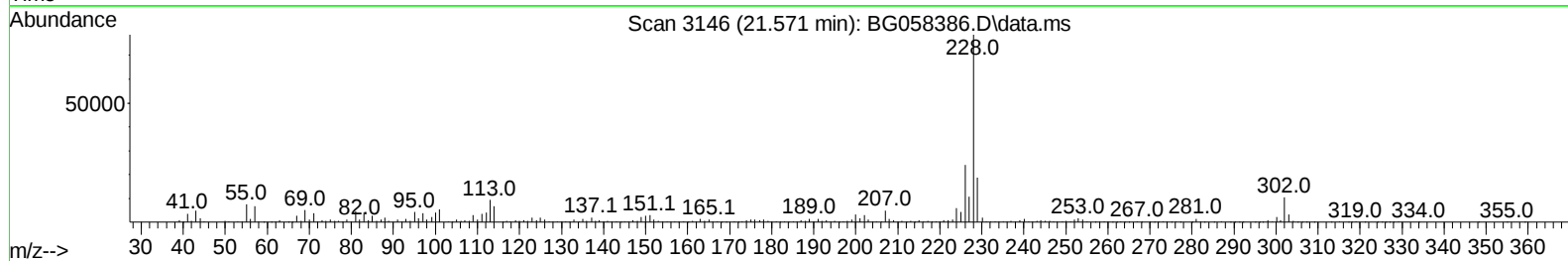
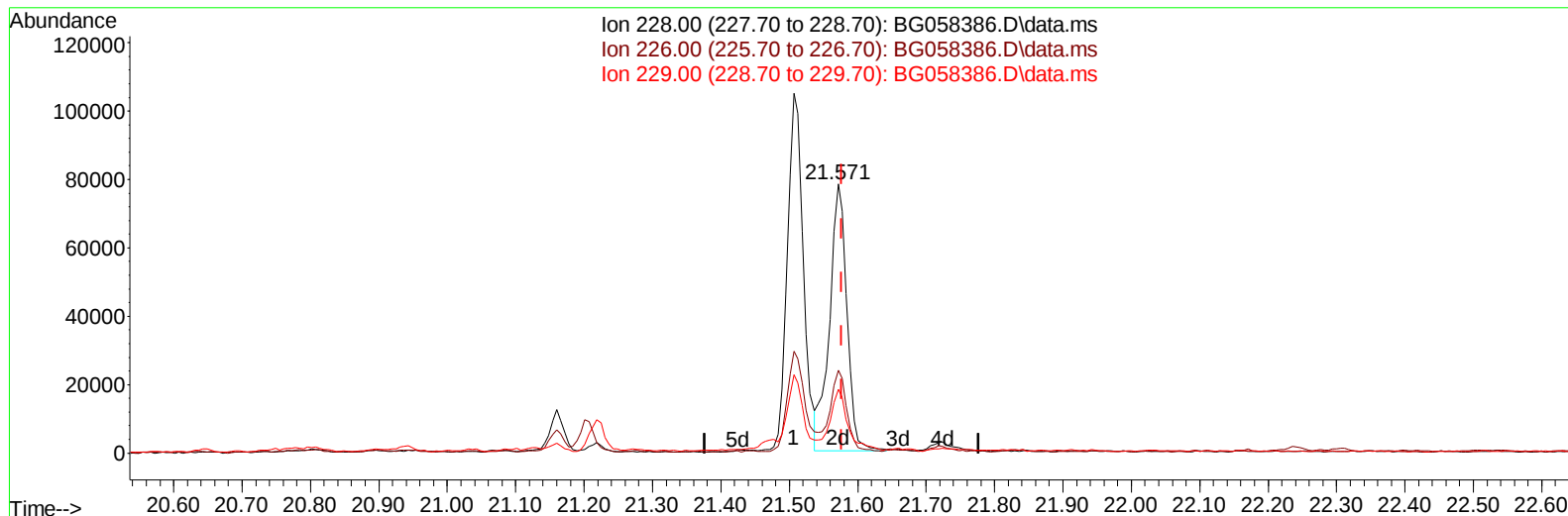
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TIC: BG058386.D\data.ms

(87) Chrysene

21.571min (-0.006) 8.52 ng/ul m

response 138412

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.00	30.74
229.00	19.80	23.79#
0.00	0.00	0.00

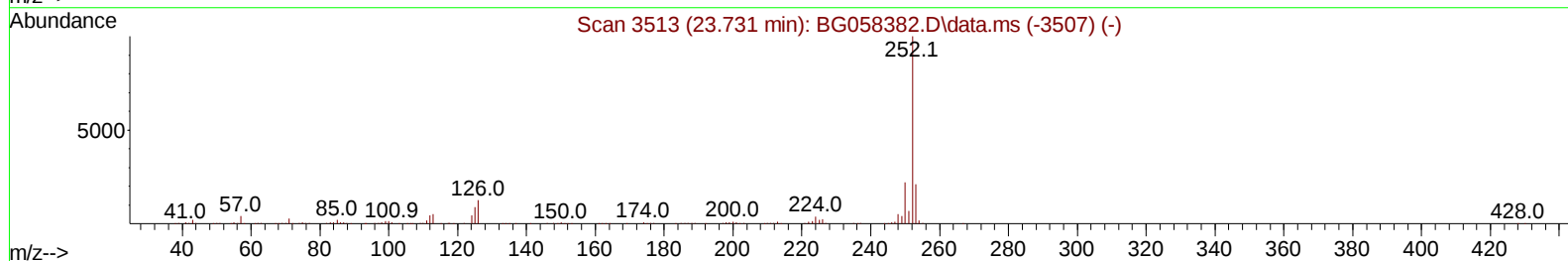
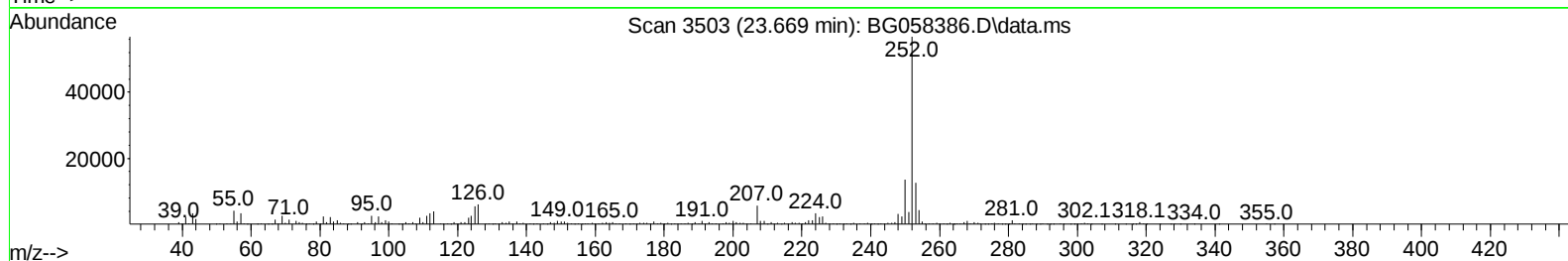
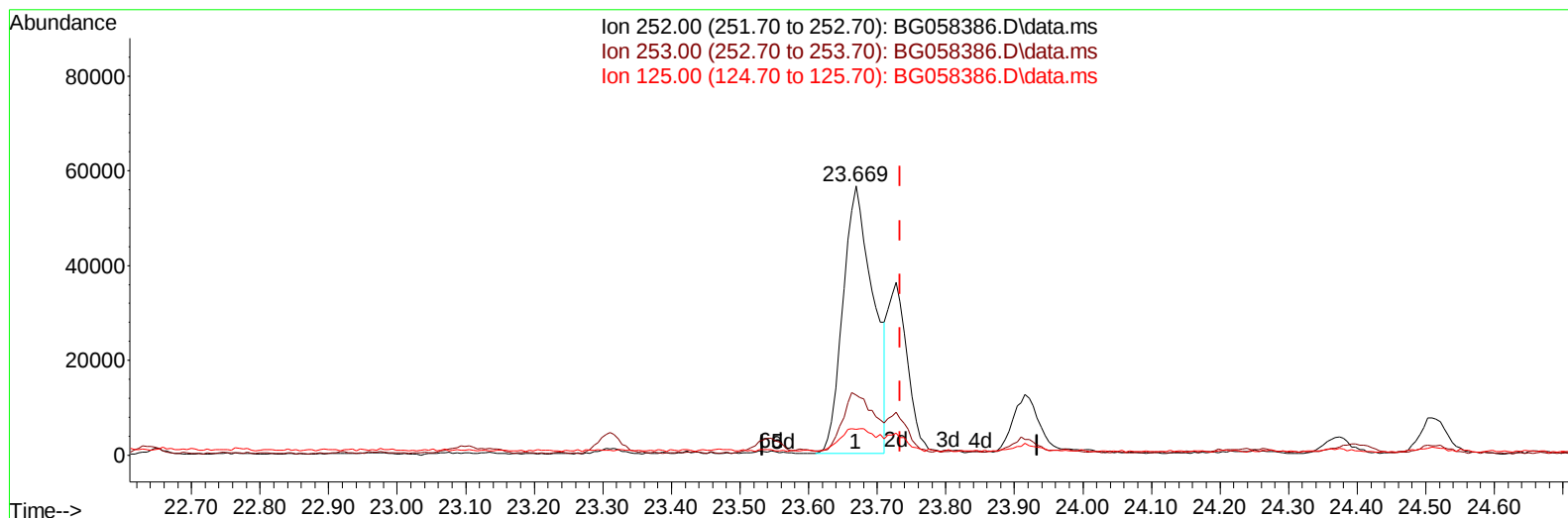
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 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A46S1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:57 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: BG058386.D\data.ms

(91) Benzo(k)fluoranthene

23.669min (-0.064) 9.48 ng/u1

response 173474

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	22.28
125.00	9.20	9.58
0.00	0.00	0.00

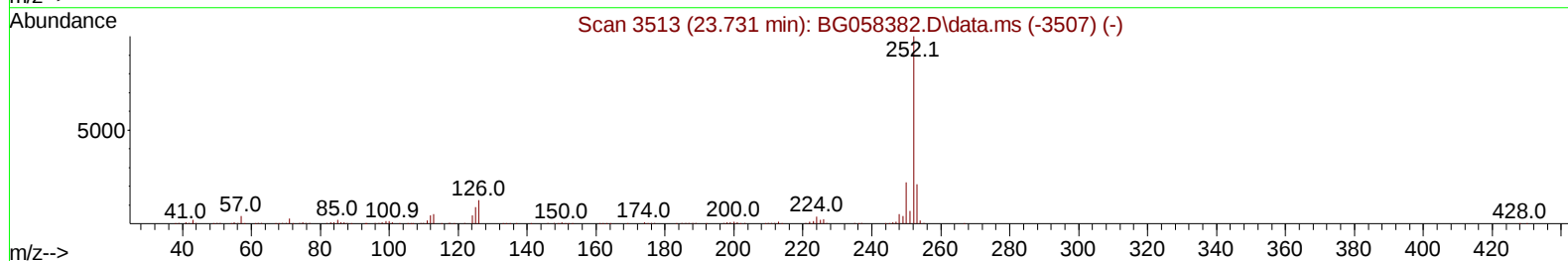
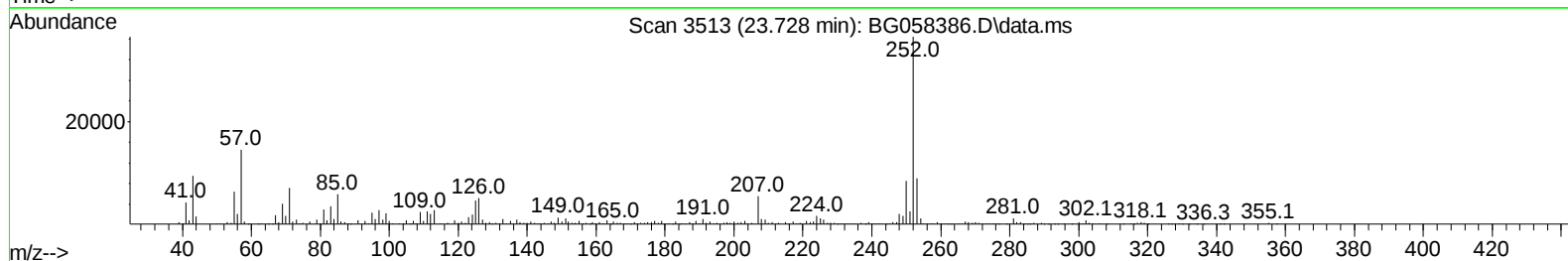
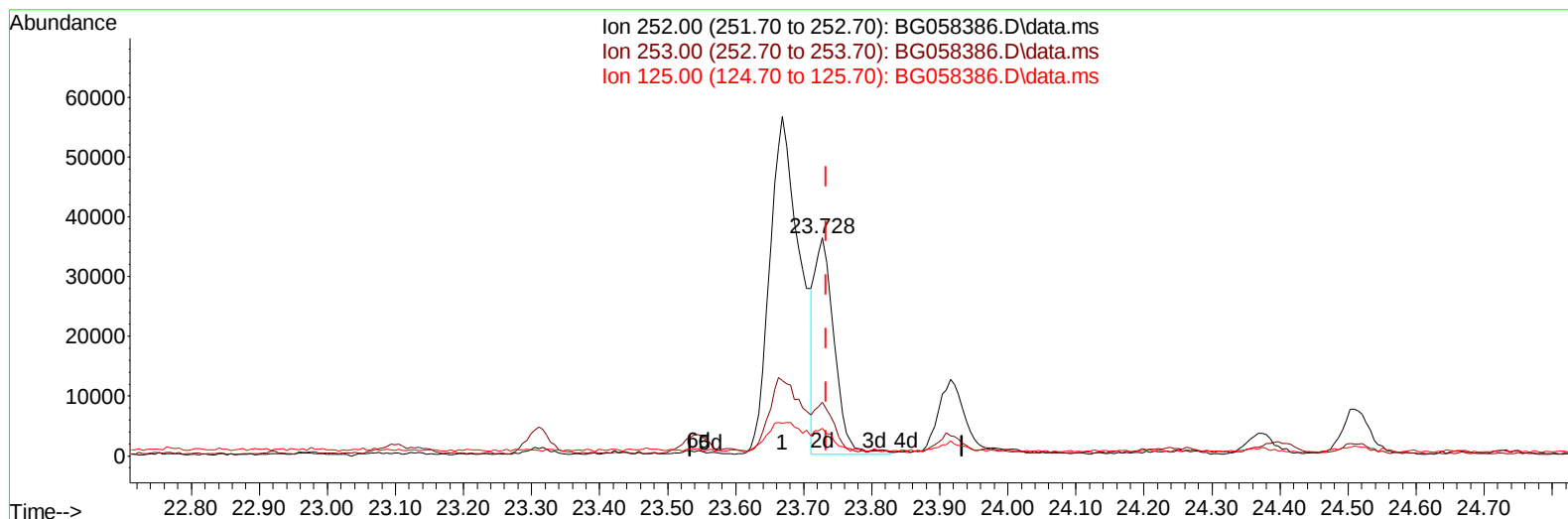
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058386.D\data.ms

(91) Benzo(k)fluoranthene

23.728min (-0.006) 4.02 ng/u1 m

response 73551

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	24.66
125.00	9.20	12.77#
0.00	0.00	0.00

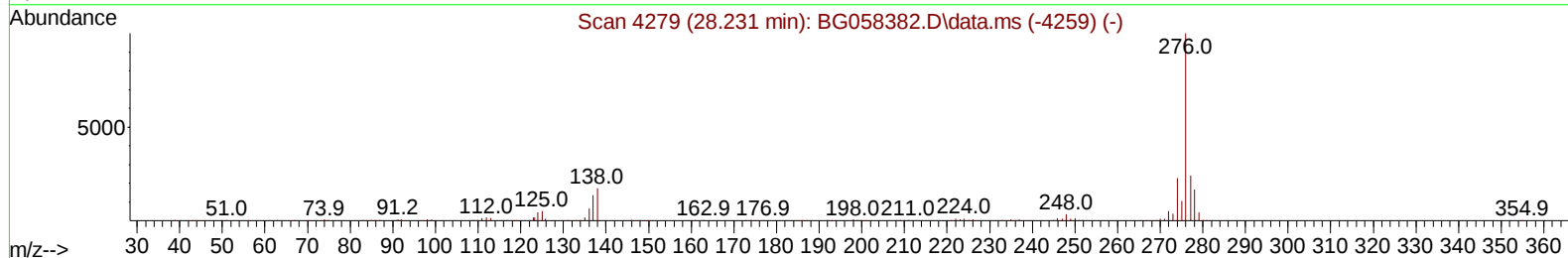
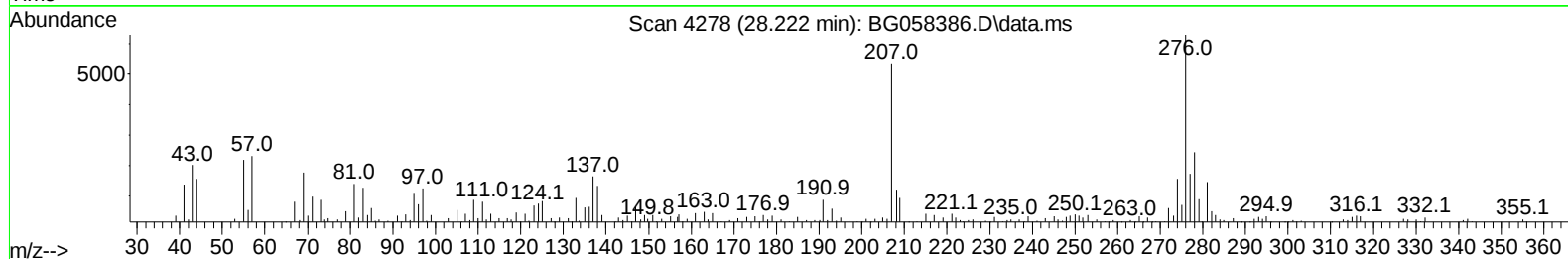
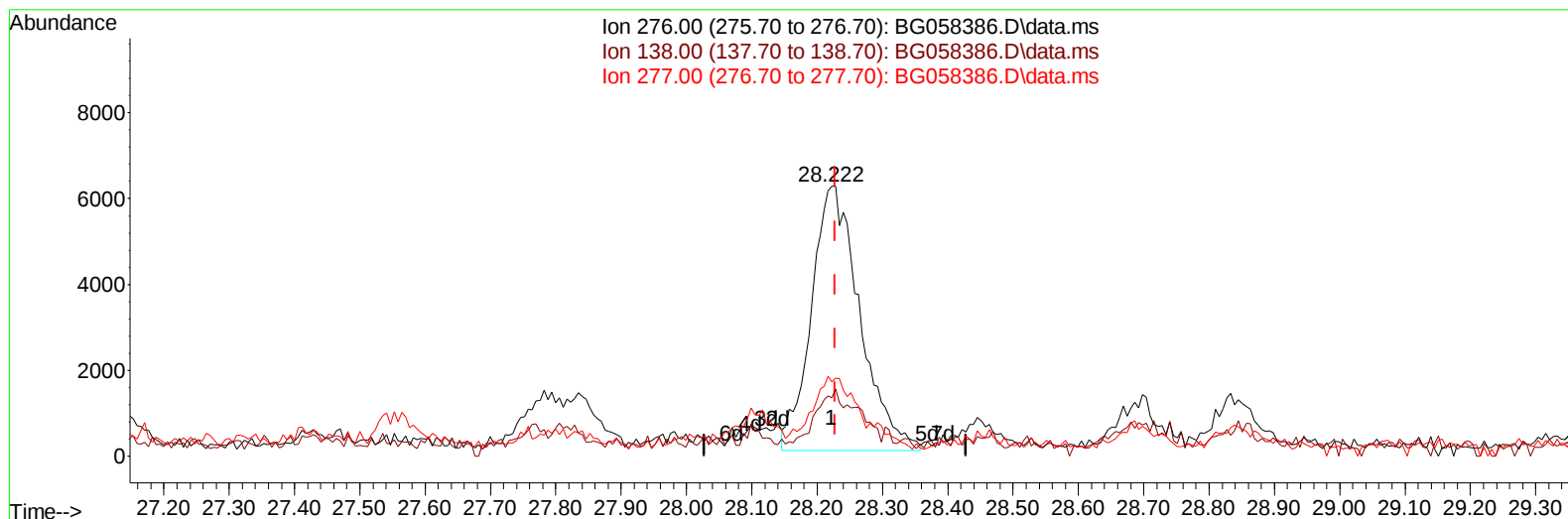
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058386.D
 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:57 2023
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TIC: BG058386.D\data.ms

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

28.222min (-0.006) 1.48 ng/ul m

response 31862

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.20	21.49#
277.00	24.00	27.49
0.00	0.00	0.00

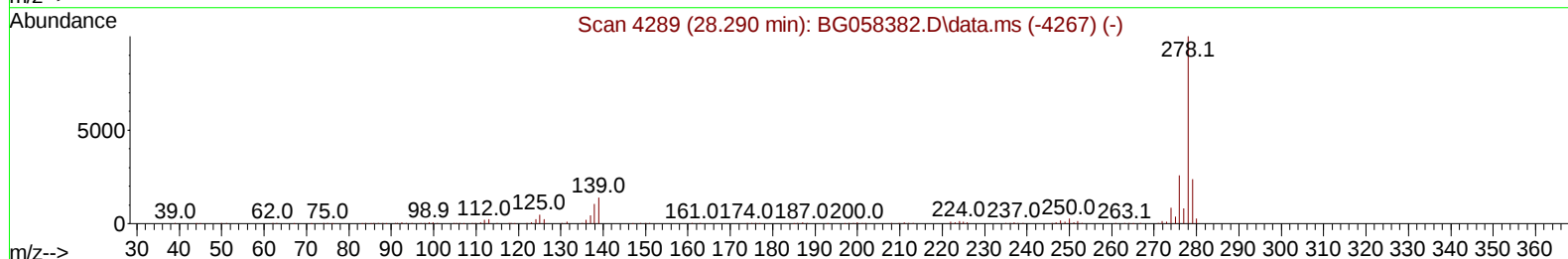
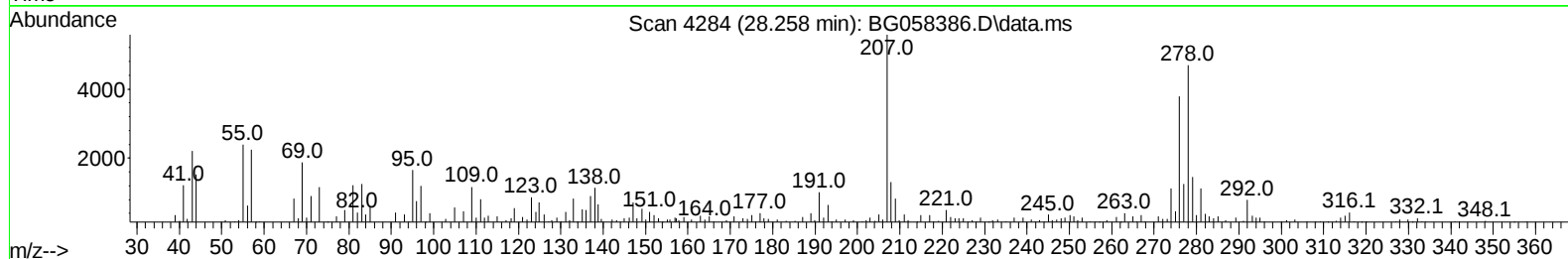
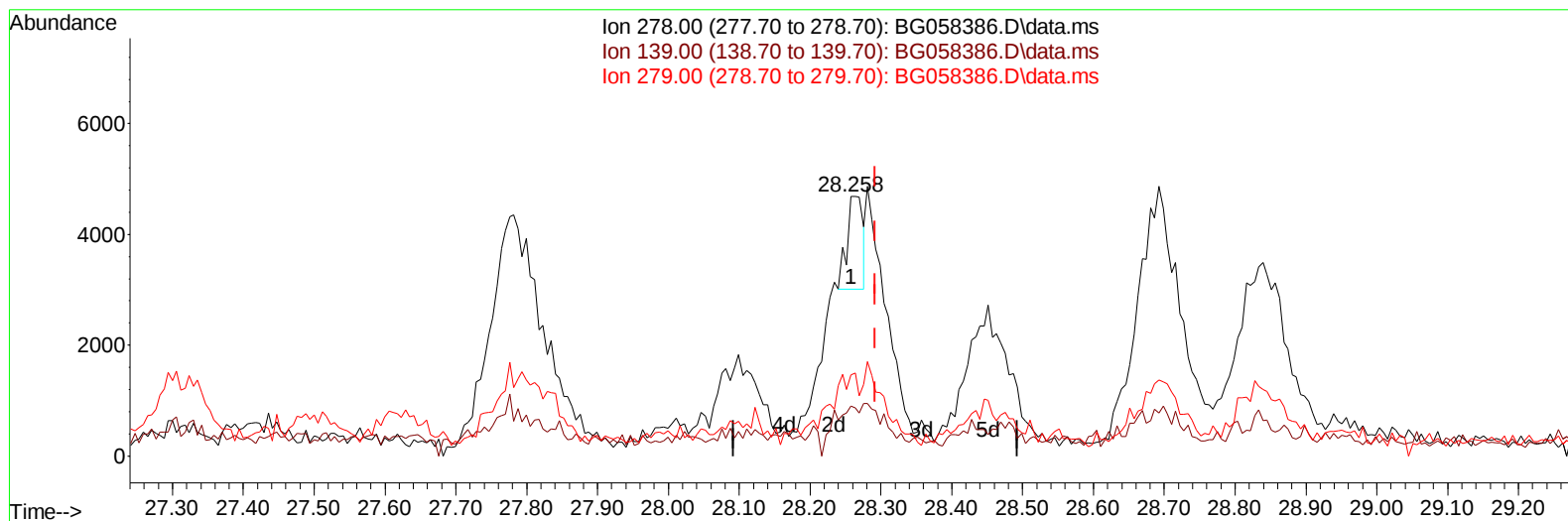
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058386.D
 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:44:48 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
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Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



TIC: BG058386.D\data.ms

(95) Dibenzo(a,h)anthracene

28.258min (-0.035) 0.15 ng/u1

response 2577

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	19.18#
279.00	23.00	31.18#
0.00	0.00	0.00

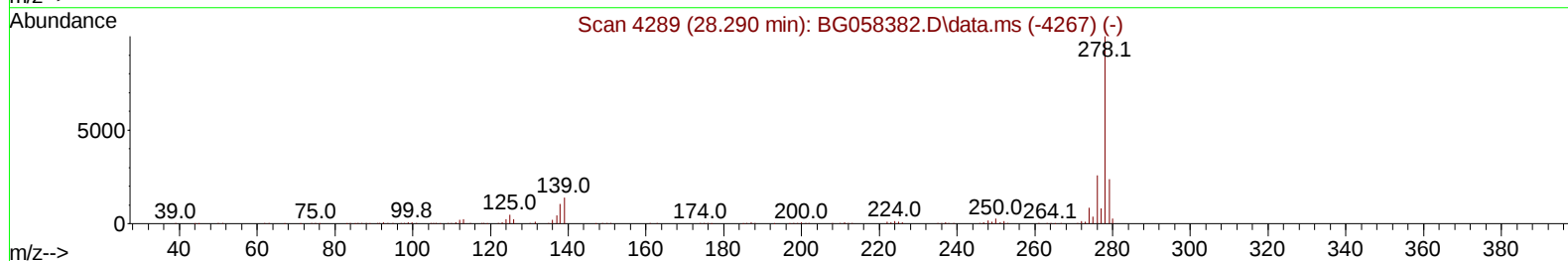
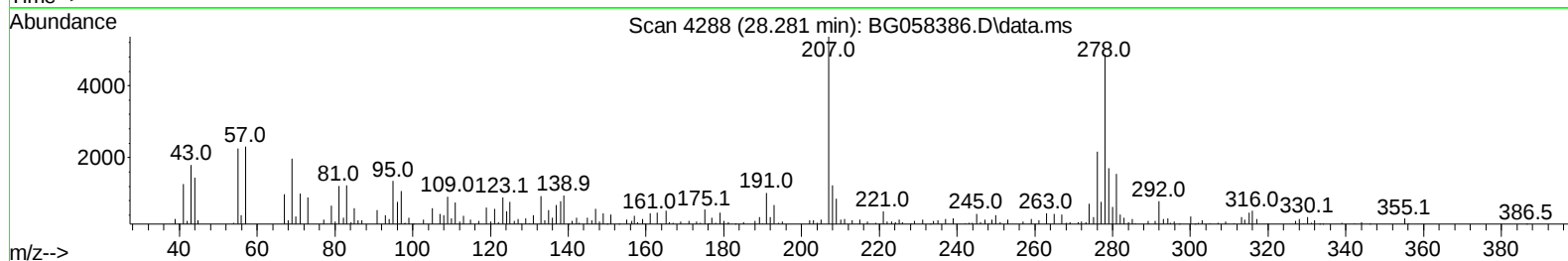
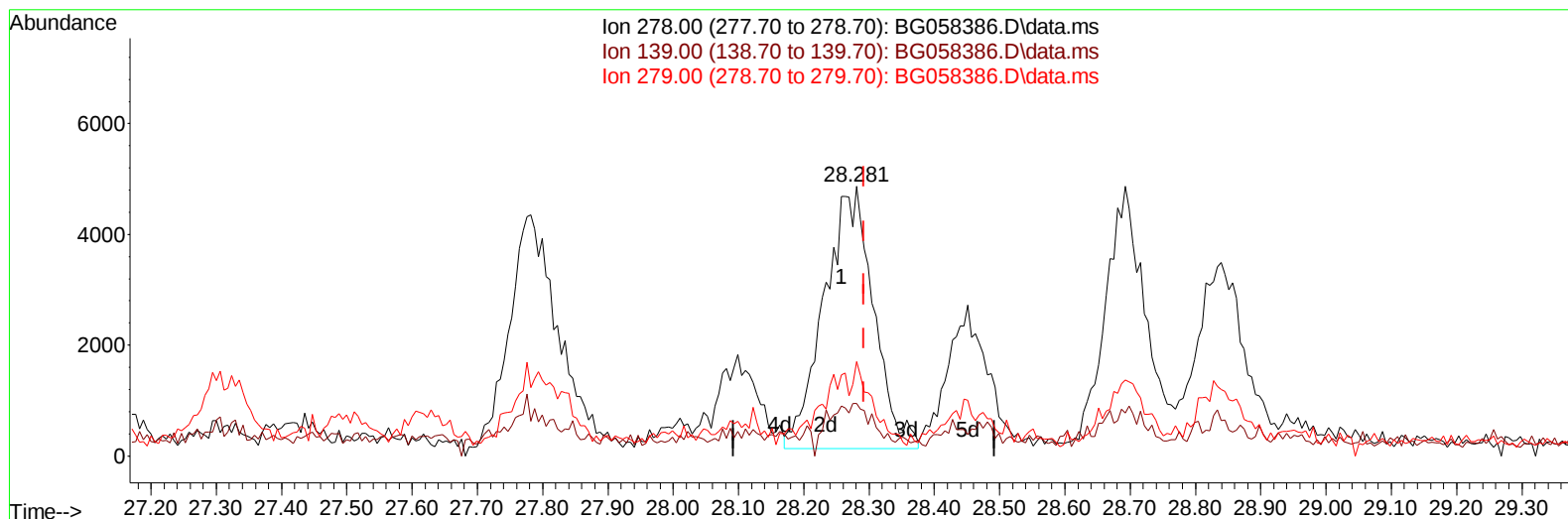
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 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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TIC: BG058386.D\data.ms

(95) Dibenzo(a,h)anthracene

28.281min (-0.011) 1.41 ng/ul m

response 24907

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.00	19.56#
279.00	23.00	35.02#
0.00	0.00	0.00

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 Acq On : 21 Jul 2023 13:53
 Operator : CG/JU
 Sample : 03504-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:45:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152		52325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136		221173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164		143515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188		316811	20.000	ng/ul	0.00
79) Chrysene-d12	21.530	240		254873	20.000	ng/ul	0.00
88) Perylene-d12	24.662	264		317073	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.340	96		3645	2.564	ng/uL	0.00
4) Pyridine-d5	3.745	84		38726	9.178	ng/ul	0.00
7) Phenol-d5	7.059	99		60678	12.224	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67		49106	15.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.429	132		54588	15.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113		21257	5.614	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128		27184	16.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.773	143		30435	16.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.320	165		48244	13.905	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131		401	0.080	ng/ul	0.02
46) Dimethylphthalate-d6	13.933	166		173007	15.633	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160		174040	15.007	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.744	143		17593	10.526	ng/ul	0.00
60) Fluorene-d10	15.520	176		154864	16.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200		12951	8.024	ng/ul	0.00
73) Anthracene-d10	17.376	188		205816	15.035	ng/ul	0.00
81) Pyrene-d10	19.662	212		102950	6.839	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.444	264		49468	3.228	ng/ul	0.00
Target Compounds							
						Qvalue	
6) Benzaldehyde	7.035	77		2453	1.224	ng/ul	88
8) Phenol	7.088	94		6026	1.169	ng/ul	98
16) Acetophenone	8.716	105		25189	3.907	ng/ul	98
50) Acenaphthylene	14.256	152		18439	1.473	ng/ul	95
61) Fluorene	15.578	166		10815	1.066	ng/ul	94
72) Phenanthrene	17.317	178		129951	8.631	ng/ul	98
74) Anthracene	17.412	178		31541	2.087	ng/ul	97
80) Fluoranthene	19.333	202		338461	19.626	ng/ul	100
82) Pyrene	19.691	202		103827	5.942	ng/ul	98
85) Benzo(a)anthracene	21.507	228		168041	9.809	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149		47546	4.858	ng/ul	100
87) Chrysene	21.571	228		138412m	8.518	ng/ul	
90) Benzo(b)fluoranthene	23.669	252		173474	9.456	ng/ul	99
91) Benzo(k)fluoranthene	23.728	252		73551m	4.020	ng/ul	
93) Benzo(a)pyrene	24.503	252		20907	1.281	ng/ul#	87
94) Indeno(1,2,3-cd)pyrene	28.222	276		31862m	1.482	ng/ul	
95) Dibenzo(a,h)anthracene	28.281	278		24907m	1.413	ng/ul	

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

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