

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058370.D
 Acq On : 20 Jul 2023 22:28
 Operator : CG/JU
 Sample : 03472-33
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46T0

Manual IntegrationsAPPROVED

Quant Time: Jul 21 00:07:08 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

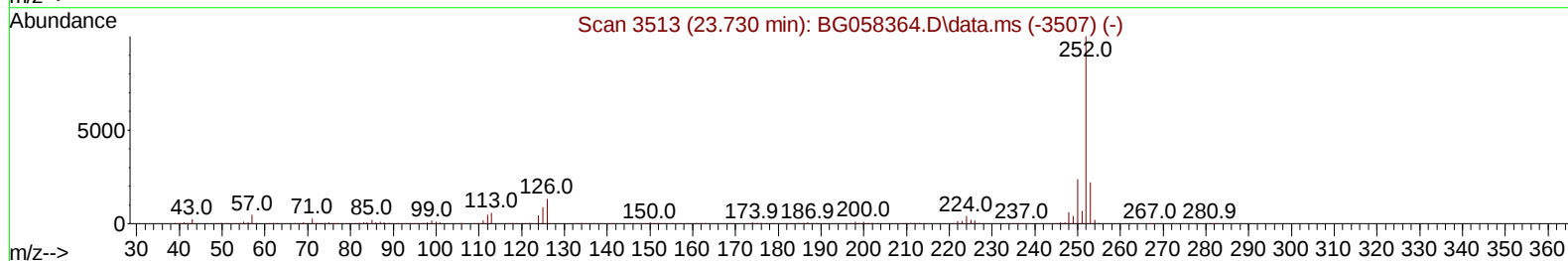
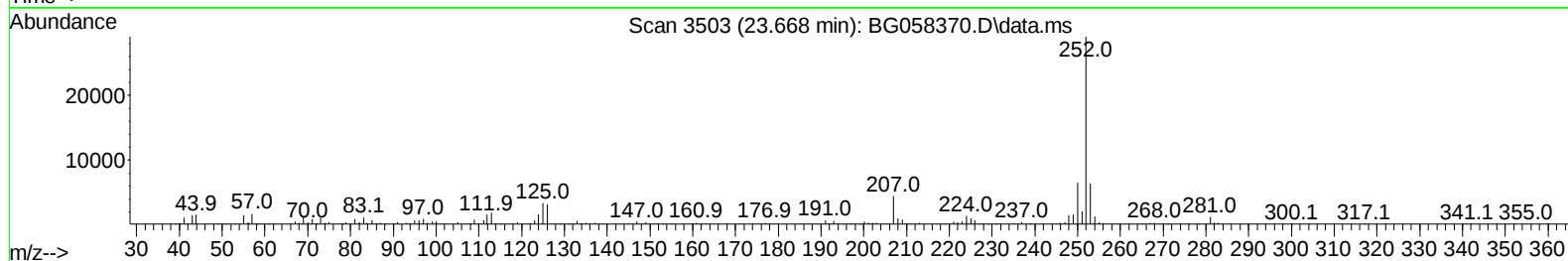
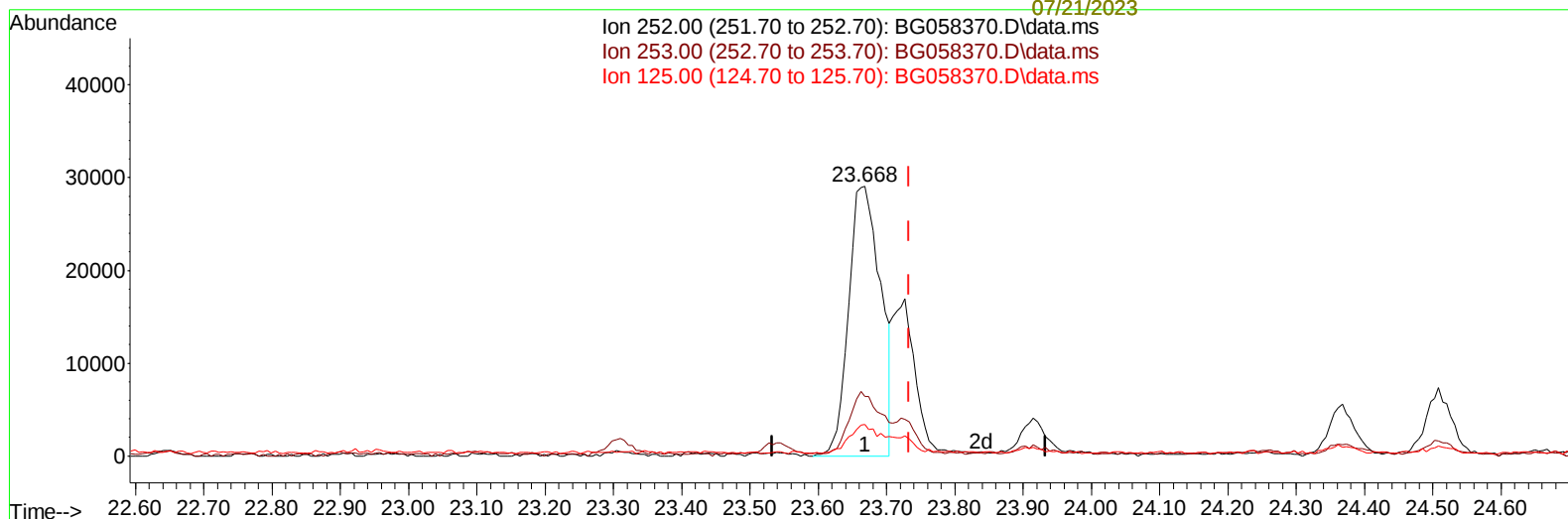
07/21/2023

Supervised By :mohammad

ahmed

07/21/2023

Ion 252.00 (251.70 to 252.70): BG058370.D\data.ms
 Ion 253.00 (252.70 to 253.70): BG058370.D\data.ms
 Ion 125.00 (124.70 to 125.70): BG058370.D\data.ms



TIC: BG058370.D\data.ms

(91) Benzo(k)fluoranthene

23.668min (-0.065) 5.04 ng/u1

response 94513

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.90	21.96
125.00	9.20	11.60#
0.00	0.00	0.00

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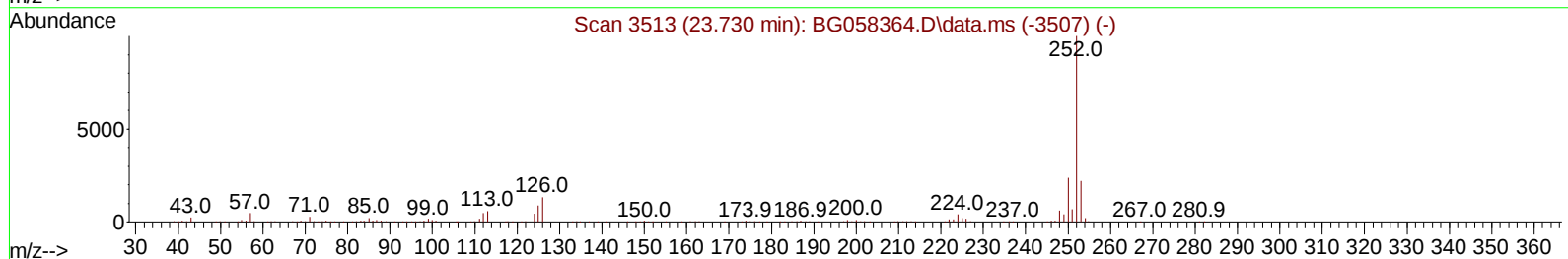
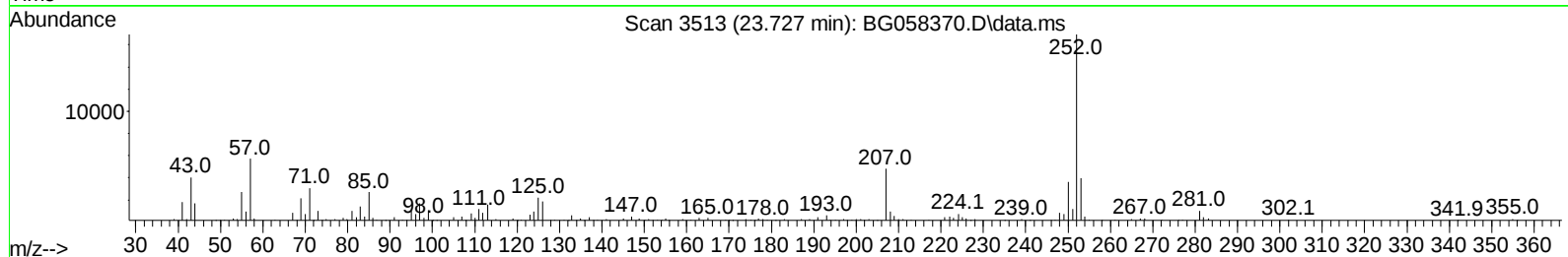
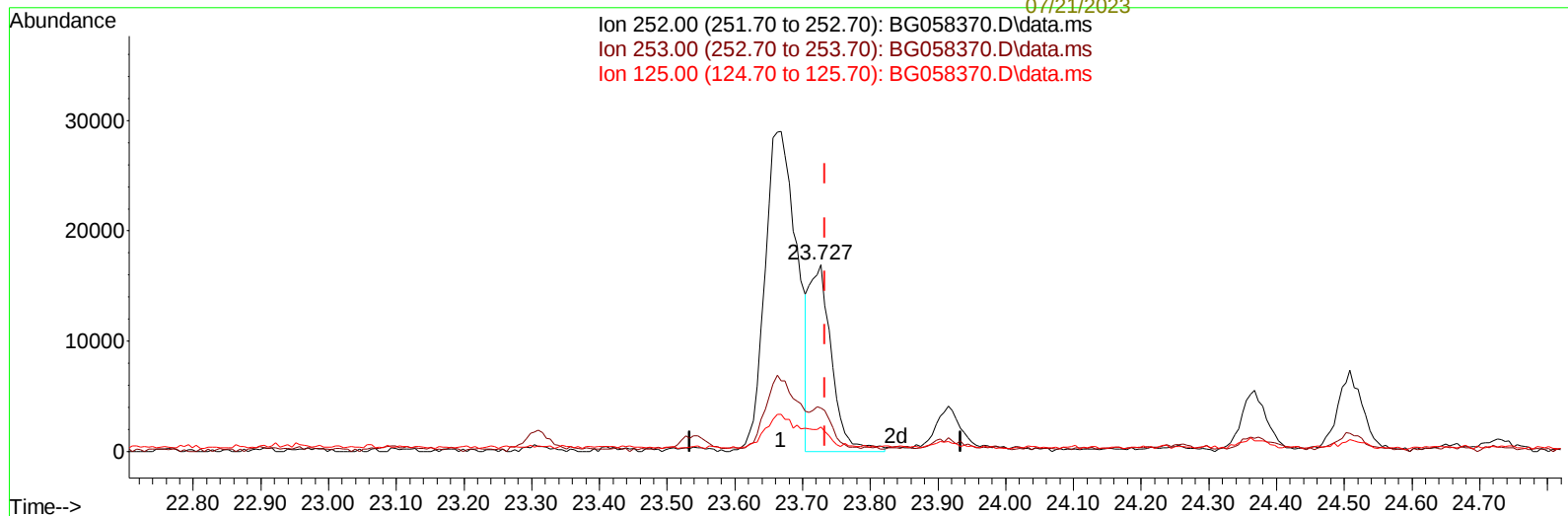
Patel

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ahmed

07/21/2023



TIC: BG058370.D\data.ms

(91) Benzo(k)fluoranthene

23.727min (-0.006) 2.08 ng/u1 m

response 39027

Ion	Exp%	Act%
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252.00	100.00	100.00
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253.00	22.90	23.28
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125.00	9.20	12.98#
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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	7.899	152	42529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.695	136	205163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.532	164	150286	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.276	188	334515	20.000	ng/ul	0.00
79) Chrysene-d12	21.524	240	271932	20.000	ng/ul	0.00
88) Perylene-d12	24.661	264	324863	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1622	1.404	ng/uL	0.00
4) Pyridine-d5	3.745	84	22340	6.514	ng/ul	0.00
7) Phenol-d5	7.058	99	33100	8.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.223	67	22878	9.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	23938	8.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.615	113	1435	0.466	ng/ul	0.01
21) Nitrobenzene-d5	9.056	128	14030	9.123	ng/ul	0.00
24) 2-Nitrophenol-d4	9.779	143	16586	9.879	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.319	165	24023	7.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.836	131	209	0.045	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	111893	9.655	ng/ul	0.00
49) Acenaphthylene-d8	14.226	160	118069	9.722	ng/ul	0.00
54) 4-Nitrophenol-d4	14.738	143	11012	6.292	ng/ul	0.00
60) Fluorene-d10	15.525	176	106155	11.064	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	8755	5.137	ng/ul	0.00
73) Anthracene-d10	17.376	188	97206	6.725	ng/ul	0.00
81) Pyrene-d10	19.661	212	140780	8.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.438	264	57680	3.674	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.715	105	16301	3.110	ng/ul	99
72) Phenanthrene	17.317	178	116550	7.332	ng/ul	98
74) Anthracene	17.405	178	17873	1.120	ng/ul	98
80) Fluoranthene	19.332	202	196982	10.706	ng/ul	98
82) Pyrene	19.696	202	116173	6.231	ng/ul	98
85) Benzo(a)anthracene	21.506	228	77757	4.254	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.406	149	24829	2.378	ng/ul	98
87) Chrysene	21.571	228	75006	4.326	ng/ul	98
90) Benzo(b)fluoranthene	23.668	252	94513	5.028	ng/ul#	97
91) Benzo(k)fluoranthene	23.727	252	39027m	2.082	ng/ul	
93) Benzo(a)pyrene	24.508	252	17686	1.058	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.222	276	28624	1.300	ng/ul#	92

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

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