

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057968.D
 Acq On : 4 Jul 2023 00:02
 Operator : CG/JU
 Sample : 03246-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGJ7

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:44:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	47800	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	225294	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.569	164	151024	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.313	188	318898	20.000	ng/u1	0.00
79) Chrysene-d12	21.567	240	258586	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	317007	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	5727	4.195	ng/uL	0.01
4) Pyridine-d5	3.787	84	68016	16.412	ng/u1	0.01
7) Phenol-d5	7.101	99	123197	25.237	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	73713	25.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	91835	27.276	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	88272	23.965	ng/u1	0.01
21) Nitrobenzene-d5	9.099	128	48281	26.293	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	53837	27.897	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	98571	26.625	ng/u1	0.00
31) 4-Chloroaniline-d4	10.873	131	78210	13.934	ng/u1	0.00
46) Dimethylphthalate-d6	13.976	166	304448	25.549	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	363616	27.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	36888	17.522	ng/u1	0.00
60) Fluorene-d10	15.562	176	272685	26.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	34385	19.857	ng/u1	0.01
73) Anthracene-d10	17.413	188	387220	26.168	ng/u1	0.00
81) Pyrene-d10	19.698	212	455742	27.984	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.516	264	460421	28.508	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.354	178	39843	2.456	ng/u1	98
80) Fluoranthene	19.363	202	80197	4.250	ng/u1	99
82) Pyrene	19.728	202	71853	3.783	ng/u1	97
85) Benzo(a)anthracene	21.549	228	46465m	2.503	ng/u1	
87) Chrysene	21.614	228	53465	3.072	ng/u1#	95
90) Benzo(b)fluoranthene	23.729	252	89357	4.552	ng/u1	96
91) Benzo(k)fluoranthene	23.788	252	34515m	1.794	ng/u1	
93) Benzo(a)pyrene	24.581	252	54707	3.149	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.341	276	43522m	1.887	ng/u1	
96) Benzo(g,h,i)perylene	29.469	276	36813m	1.954	ng/u1	

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

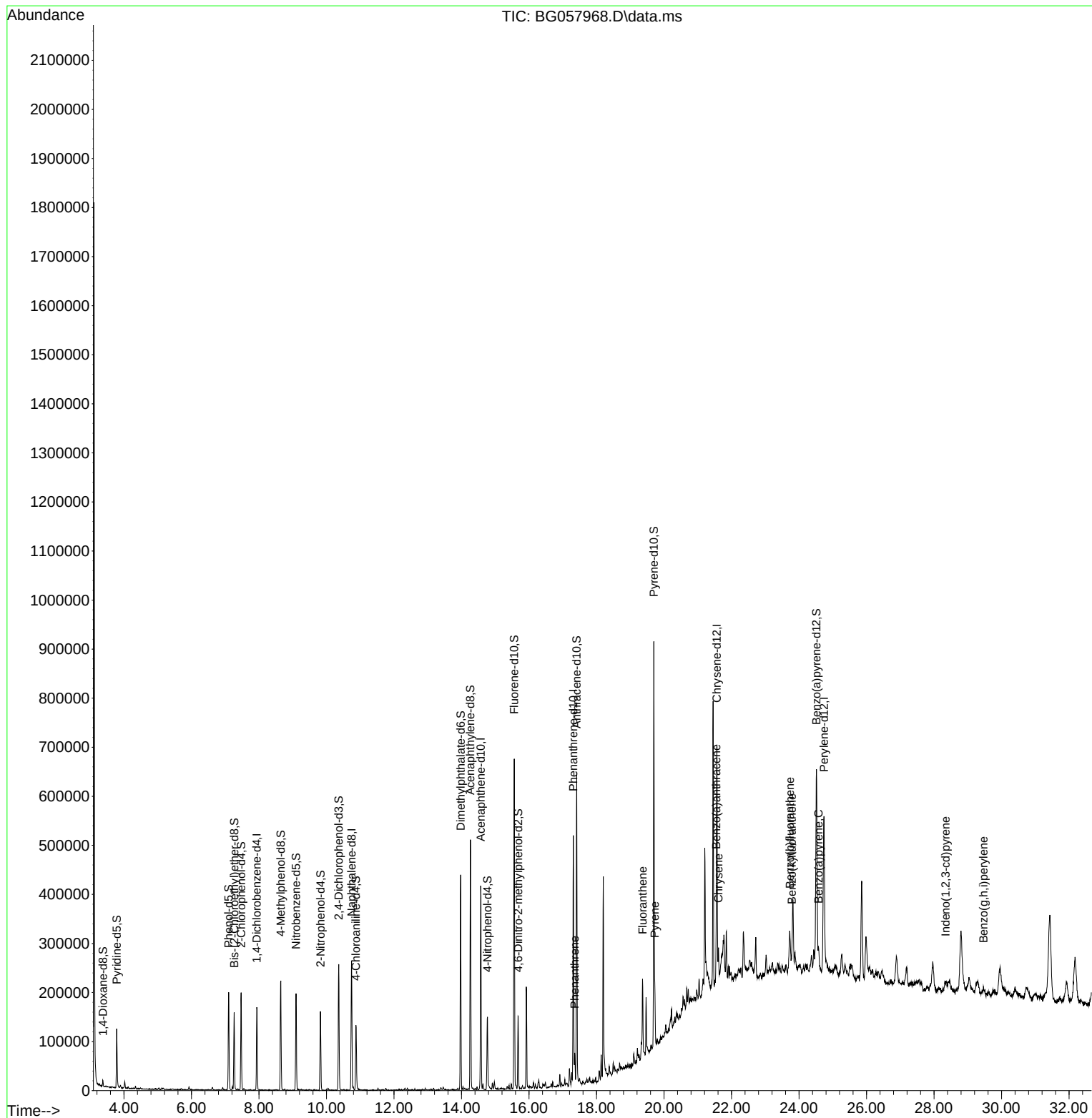
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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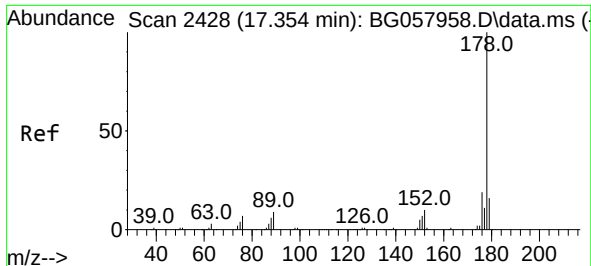
Instrument :
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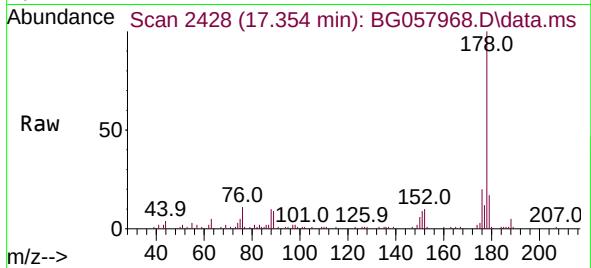
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023





#72
Phenanthrene
Concen: 2.456 ng/ul
RT: 17.354 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG057968.D
Acq: 4 Jul 2023 00:02

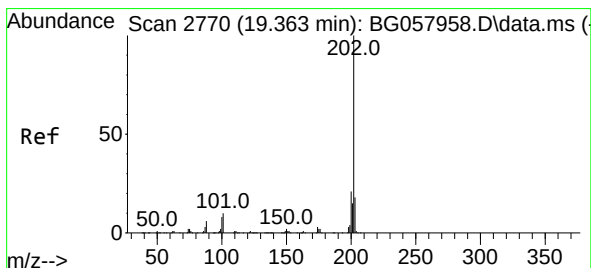
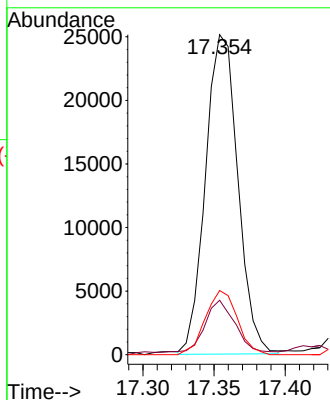
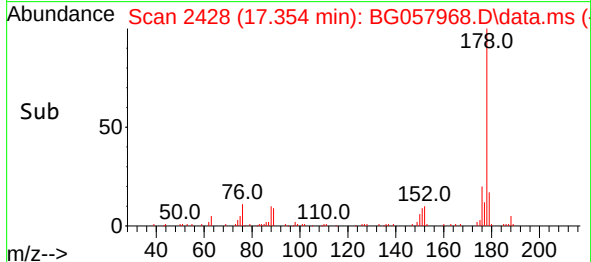
Instrument :
BNA_G
ClientSampleId :
DCGJ7



Tgt Ion:178 Resp: 3984
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 20.0 15.7 23.5

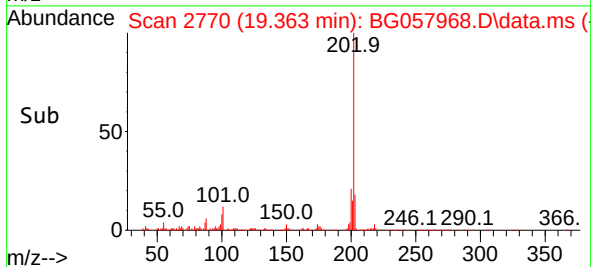
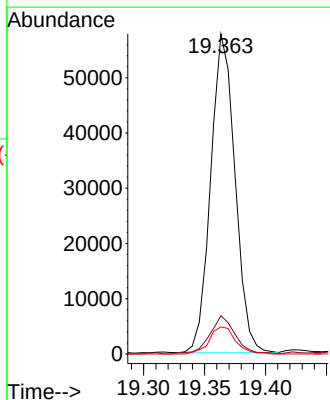
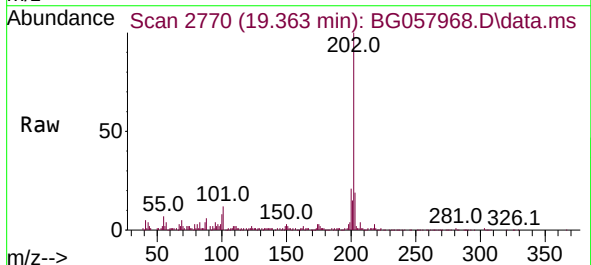
Manual Integrations
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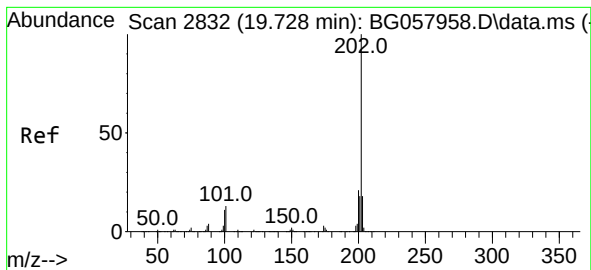
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#80
Fluoranthene
Concen: 4.250 ng/ul
RT: 19.363 min Scan# 2770
Delta R.T. 0.006 min
Lab File: BG057968.D
Acq: 4 Jul 2023 00:02

Tgt Ion:202 Resp: 80197
Ion Ratio Lower Upper
202 100
101 12.0 9.1 13.7
100 8.4 7.1 10.7





#82

Pyrene

Concen: 3.783 ng/ul

RT: 19.728 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCGJ7

Tgt Ion:202 Resp: 7185

Ion Ratio Lower Upper

202 100

101 13.9 10.2 15.2

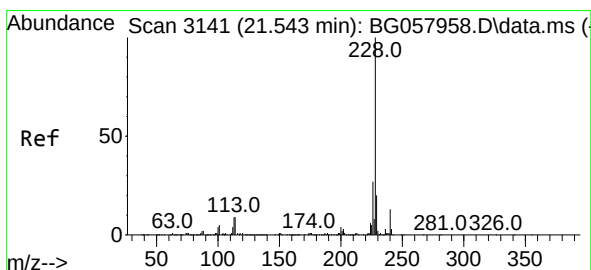
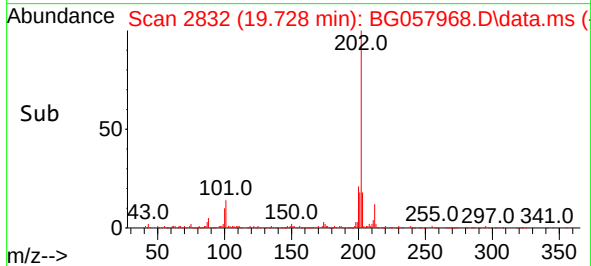
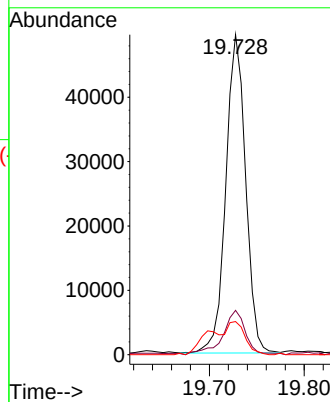
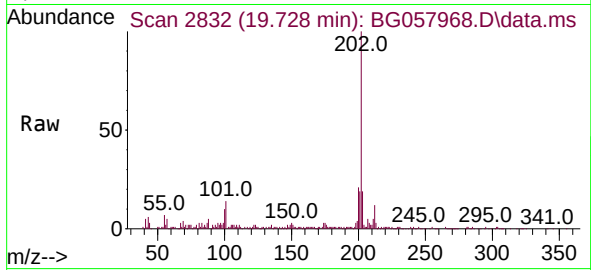
100 10.4 8.9 13.3

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#85

Benzo(a)anthracene

Concen: 2.503 ng/ul m

RT: 21.549 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

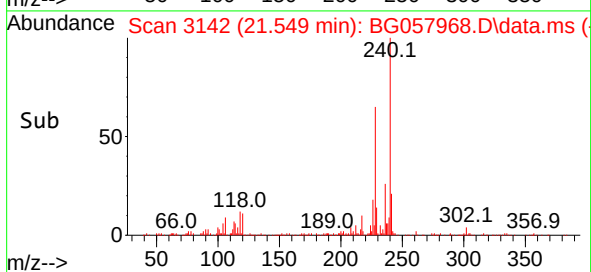
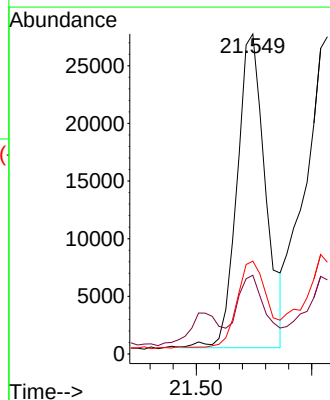
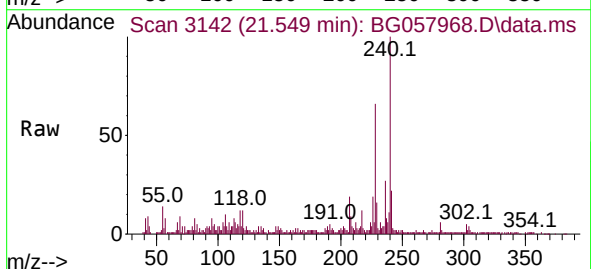
Tgt Ion:228 Resp: 46465

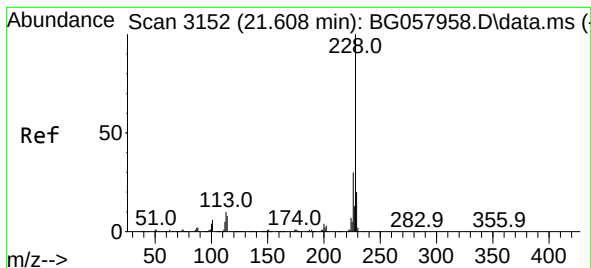
Ion Ratio Lower Upper

228 100

229 24.6 16.0 24.0#

226 29.0 22.0 33.0





#87

Chrysene

Concen: 3.072 ng/ul

RT: 21.614 min Scan# 3152

Delta R.T. 0.006 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCGJ7

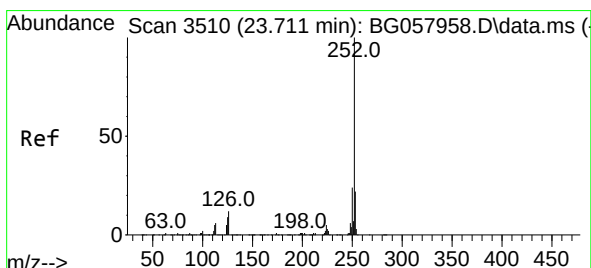
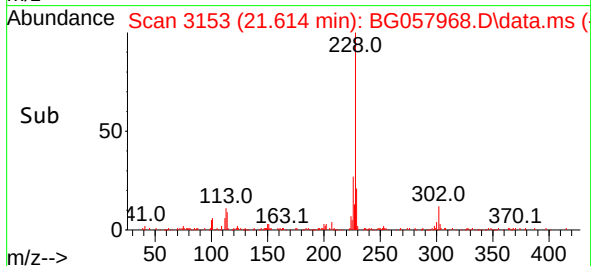
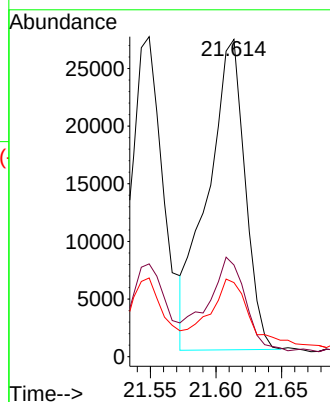
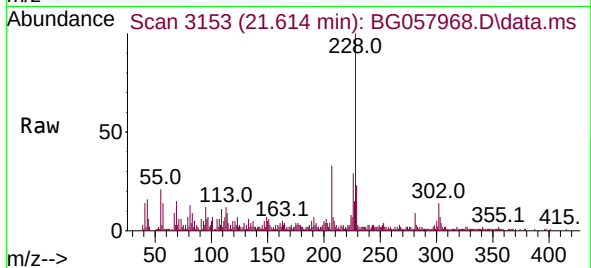
Tgt Ion:	228	Resp:	5346
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.4	36.6
229	23.3	15.5	23.3

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#90

Benzo(b)fluoranthene

Concen: 4.552 ng/ul

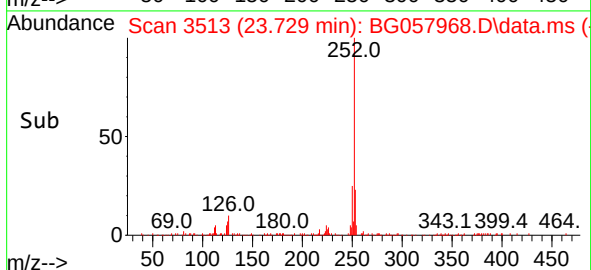
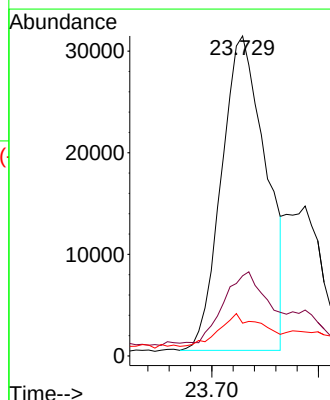
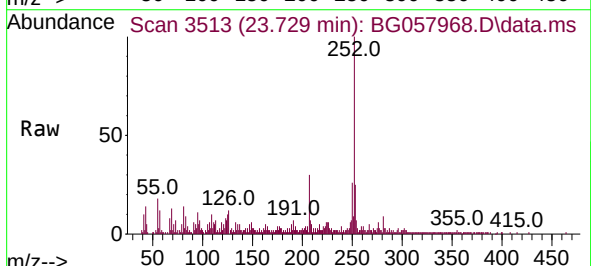
RT: 23.729 min Scan# 3513

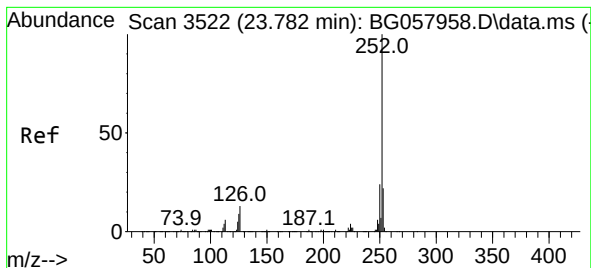
Delta R.T. 0.018 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Tgt Ion:	252	Resp:	89357
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.1	27.1
125	10.2	7.5	11.3





#91

Benzo(k)fluoranthene

Concen: 1.794 ng/ul m

RT: 23.788 min Scan# 3522

Delta R.T. 0.012 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

BNA_G

ClientSampleId :

DCGJ7

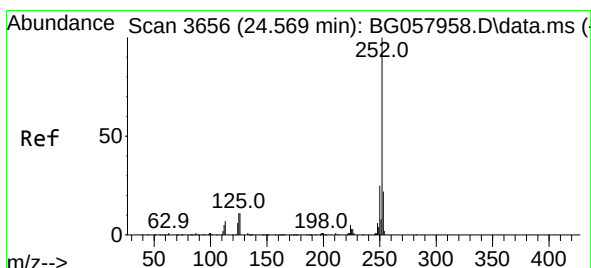
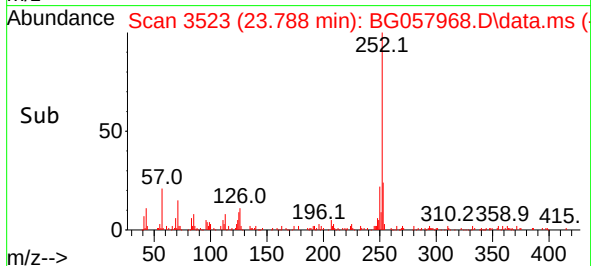
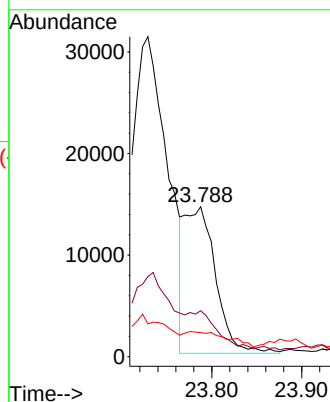
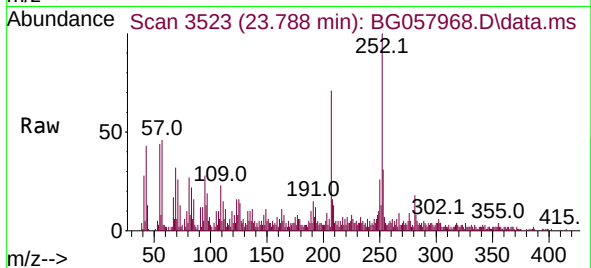
Tgt Ion:	252	Resp:	3451
Ion Ratio	Lower	Upper	
252	100		
253	30.6	17.7	26.5
125	16.0	7.4	11.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#93

Benzo(a)pyrene

Concen: 3.149 ng/ul

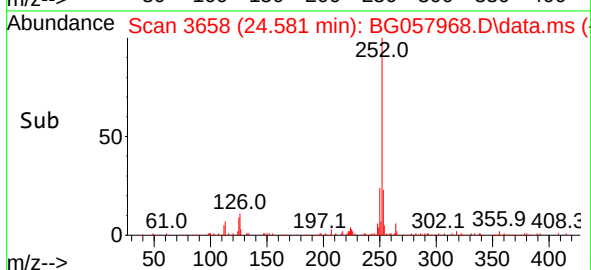
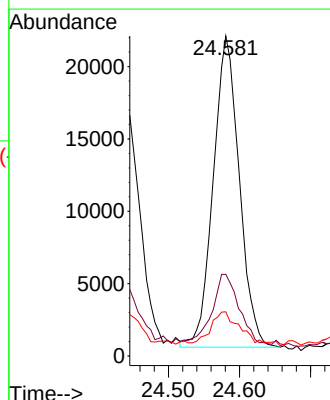
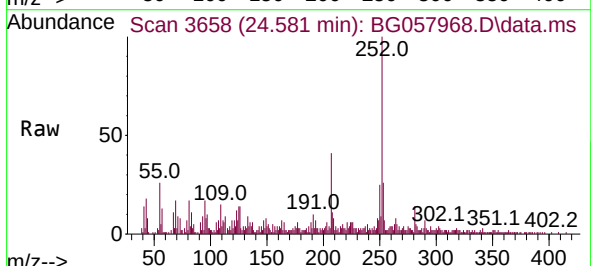
RT: 24.581 min Scan# 3658

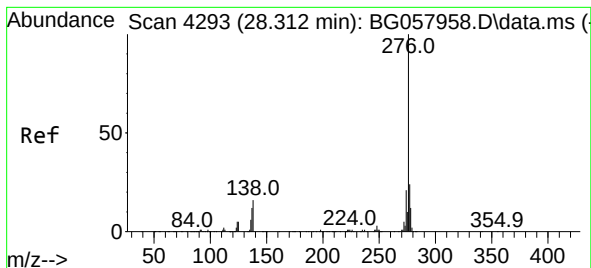
Delta R.T. 0.012 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Tgt Ion:	252	Resp:	54707
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	13.8	8.3	12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.887 ng/ul m

RT: 28.341 min Scan# 4352

Delta R.T. 0.035 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Instrument :

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ClientSampleId :

DCGJ7

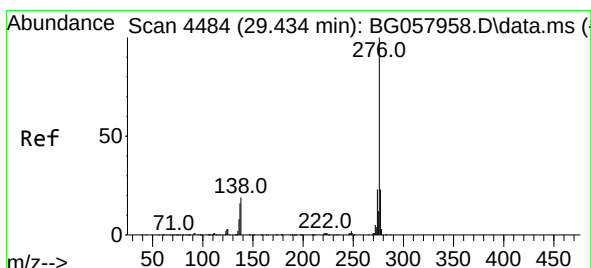
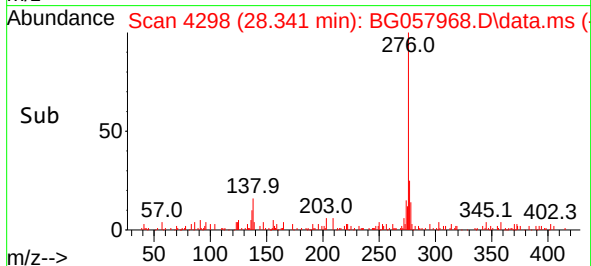
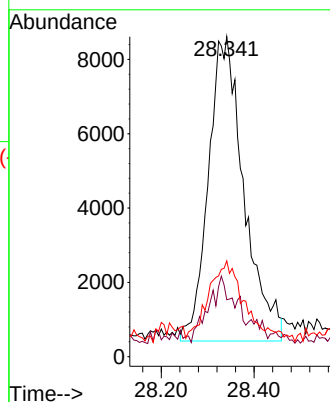
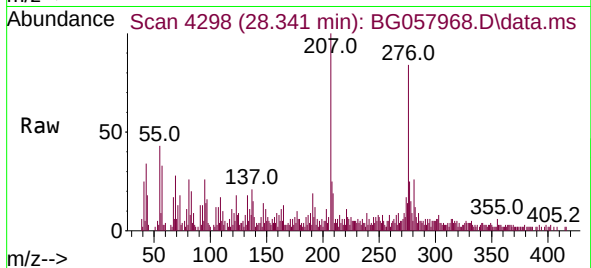
Tgt Ion:	276	Resp:	4352
Ion Ratio	Lower	Upper	
276	100		
138	17.8	14.0	21.0
277	29.9	19.4	29.2

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#96

Benzo(g,h,i)perylene

Concen: 1.954 ng/ul m

RT: 29.469 min Scan# 4490

Delta R.T. 0.041 min

Lab File: BG057968.D

Acq: 4 Jul 2023 00:02

Tgt Ion:	276	Resp:	36813
Ion Ratio	Lower	Upper	
276	100		
138	21.4	14.2	21.2
277	26.2	18.6	27.8

