

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059312.D
 Acq On : 6 Oct 2023 1:38
 Operator : MA/JU
 Sample : 04469-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYM2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 04:10:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	53233	20.000	ng/u1	0.00
20) Naphthalene-d8	11.079	136	169312	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.869	164	103822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.618	188	221508	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.919	240	183614	20.000	ng/u1	0.00
88) Perylene-d12	25.409	264	221567	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	5333	3.781	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.371	99	89689	16.832	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	69188	20.326	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	75661	21.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	87994	21.363	ng/u1	0.00
21) Nitrobenzene-d5	9.434	128	30821	25.797	ng/u1	0.00
24) 2-Nitrophenol-d4	10.151	143	25652	21.871	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	39449	16.373	ng/u1	0.00
31) 4-Chloroaniline-d4	11.226	131	8851	2.270	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	180637	24.065	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	227550	24.152	ng/u1	0.00
54) 4-Nitrophenol-d4	15.062	143	1300m	0.992	ng/u1	0.00
60) Fluorene-d10	15.856	176	168105	23.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.712	188	223836	22.177	ng/u1	0.00
81) Pyrene-d10	19.992	212	277896	27.026	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.162	264	277350	26.049	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.659	178	58708	4.829	ng/u1	97
74) Anthracene	17.748	178	18784m	1.496	ng/u1	
80) Fluoranthene	19.651	202	124651	9.841	ng/u1	98
82) Pyrene	20.015	202	98025	7.306	ng/u1	99
85) Benzo(a)anthracene	21.896	228	51660	3.997	ng/u1	97
87) Chrysene	21.966	228	48757	3.994	ng/u1	97
90) Benzo(b)fluoranthene	24.275	252	62747	4.624	ng/u1#	92
91) Benzo(k)fluoranthene	24.346	252	27510m	2.001	ng/u1	
93) Benzo(a)pyrene	25.239	252	43613	3.388	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	29.416	276	29686m	2.037	ng/u1	
96) Benzo(g,h,i)perylene	30.709	276	28257m	2.385	ng/u1	

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

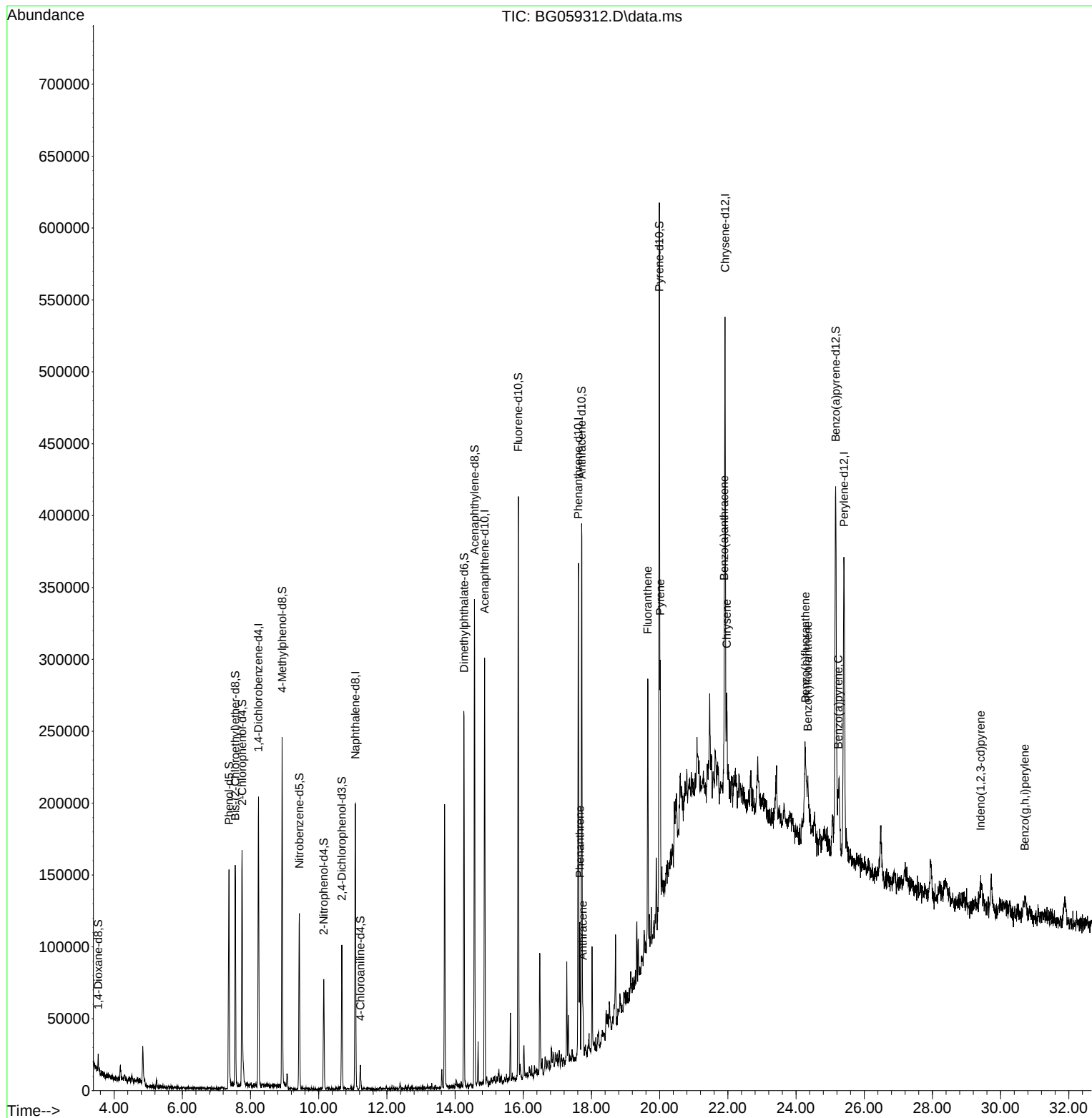
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059312.D
 Acq On : 6 Oct 2023 1:38
 Operator : MA/JU
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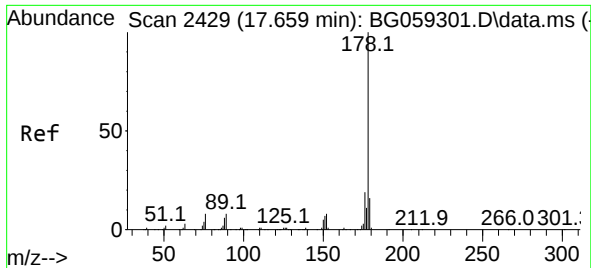
Instrument :
 BNA_G
 ClientSampleId :
 EZYM2

Quant Time: Oct 06 04:10:05 2023
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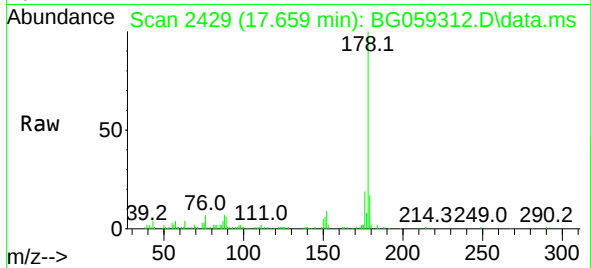
Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023





#72
Phenanthrene
Concen: 4.829 ng/ul
RT: 17.659 min Scan# 2429
Delta R.T. -0.002 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38

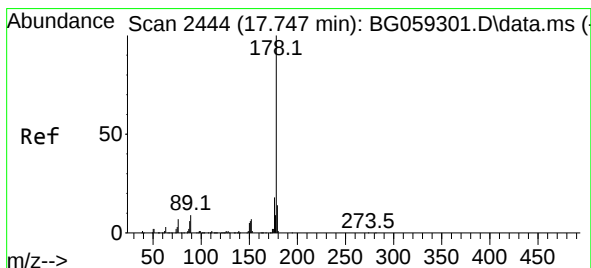
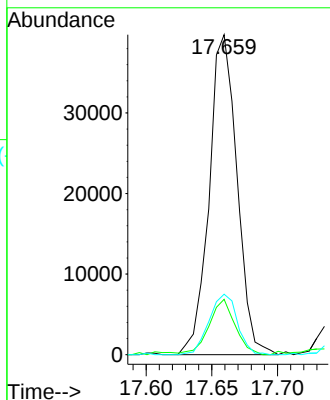
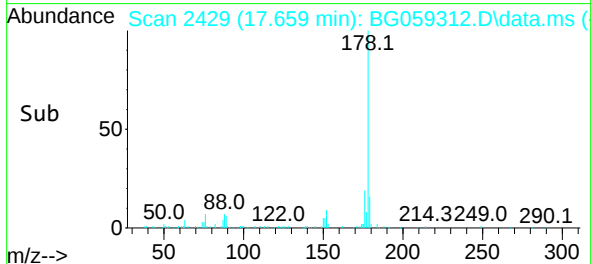
Instrument :
BNA_G
ClientSampleId :
EZY2



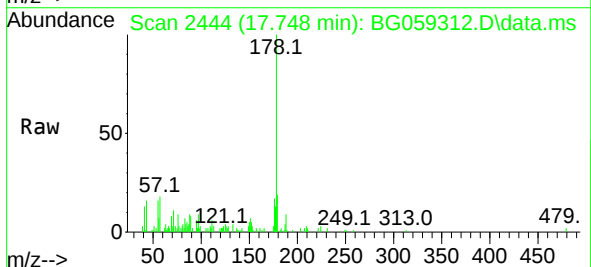
Tgt Ion:178 Resp: 58708
Ion Ratio Lower Upper
178 100
179 17.3 12.3 18.5
176 18.9 14.6 21.8

Manual Integrations
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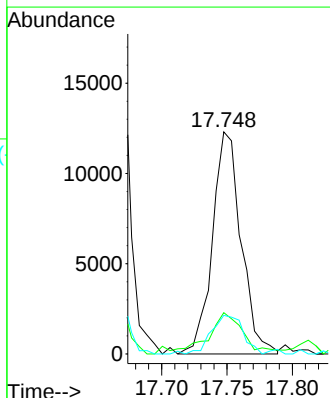
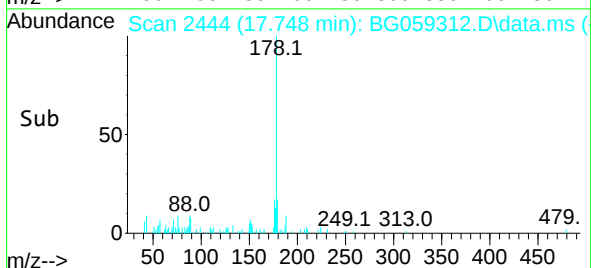
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

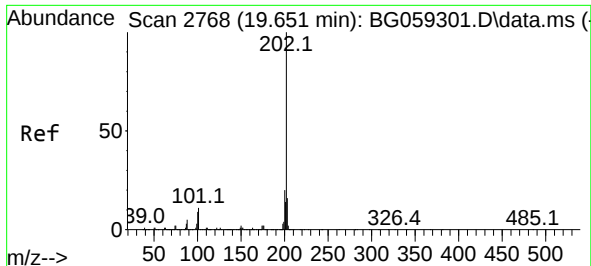


#74
Anthracene
Concen: 1.496 ng/ul m
RT: 17.748 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38



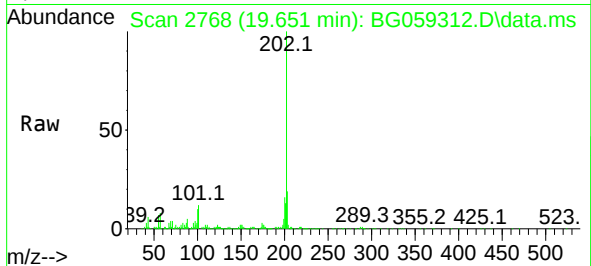
Tgt Ion:178 Resp: 18784
Ion Ratio Lower Upper
178 100
179 18.6 12.0 18.0#
176 17.4 14.5 21.7





#80
Fluoranthene
Concen: 9.841 ng/u1
RT: 19.651 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38

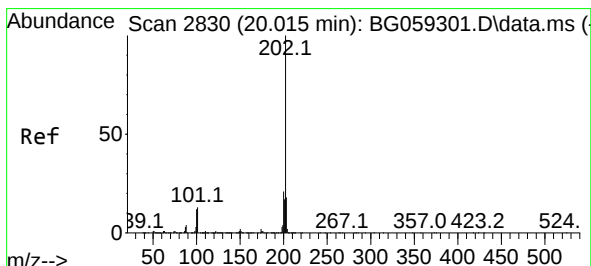
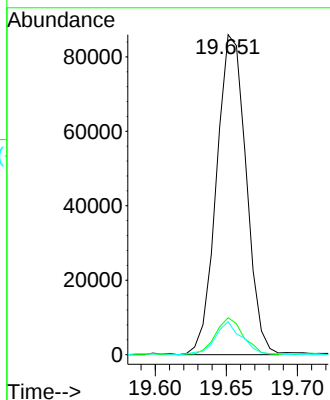
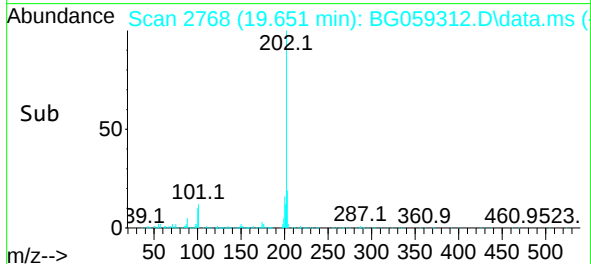
Instrument :
BNA_G
ClientSampleId :
EZYM2



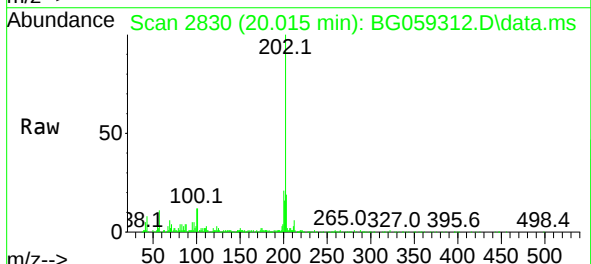
Tgt Ion:202 Resp: 12465
Ion Ratio Lower Upper
202 100
101 11.6 8.2 12.4
100 10.3 8.2 12.2

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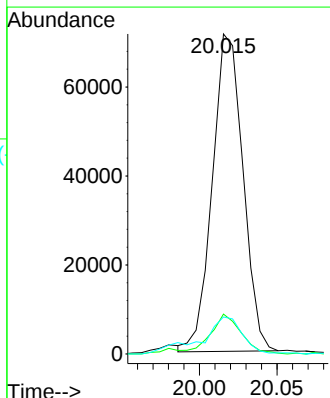
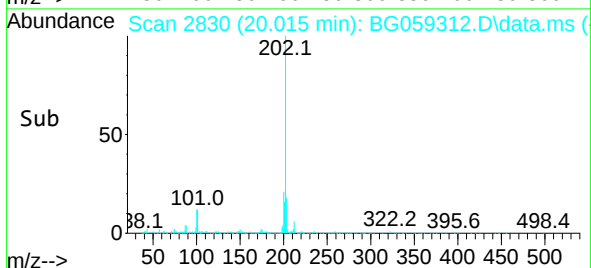
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

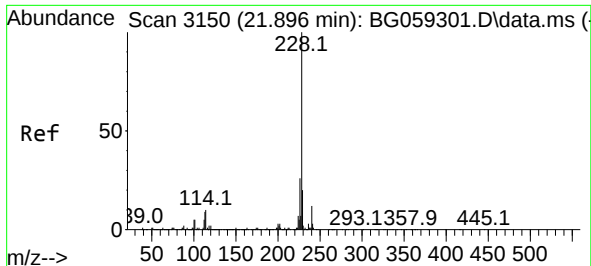


#82
Pyrene
Concen: 7.306 ng/u1
RT: 20.015 min Scan# 2830
Delta R.T. -0.008 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38



Tgt Ion:202 Resp: 98025
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 11.6 9.6 14.4





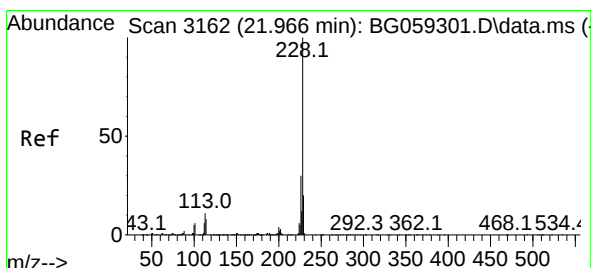
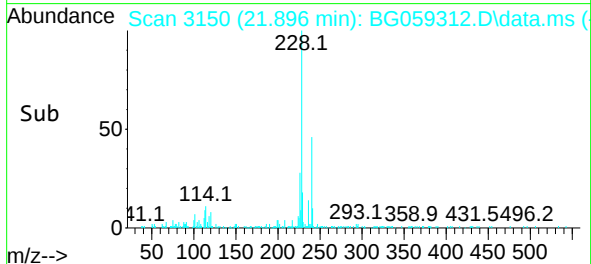
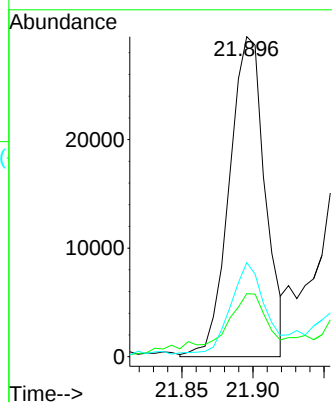
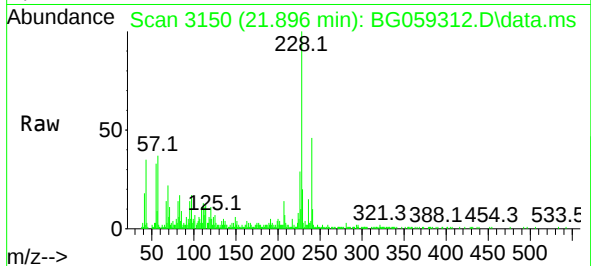
#85
Benzo(a)anthracene
Concen: 3.997 ng/uI
RT: 21.896 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38

Instrument :
BNA_G
ClientSampleId :
EZYM2

Tgt Ion:228 Resp: 51660
Ion Ratio Lower Upper
228 100
229 19.7 15.5 23.3
226 29.4 21.4 32.2

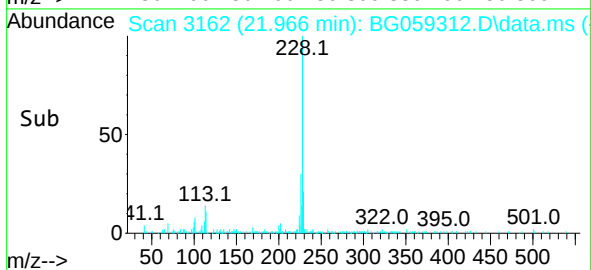
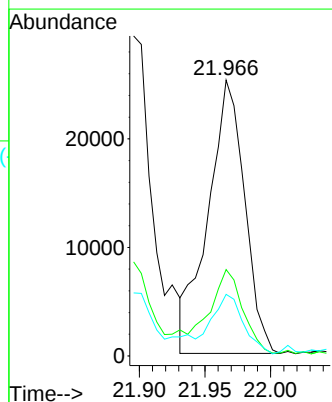
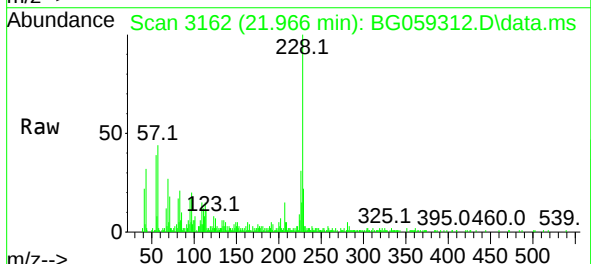
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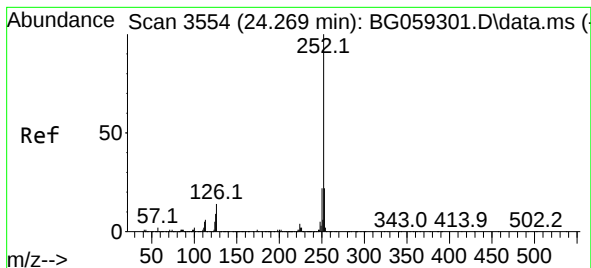
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#87
Chrysene
Concen: 3.994 ng/uI
RT: 21.966 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BG059312.D
Acq: 6 Oct 2023 1:38

Tgt Ion:228 Resp: 48757
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.4
229 22.4 16.2 24.2





#90

Benzo(b)fluoranthene

Concen: 4.624 ng/ul

RT: 24.275 min Scan# 3555

Delta R.T. -0.008 min

Lab File: BG059312.D

Acq: 6 Oct 2023 1:38

Instrument :

BNA_G

ClientSampleId :

EZYM2

Tgt Ion:252 Resp: 6274

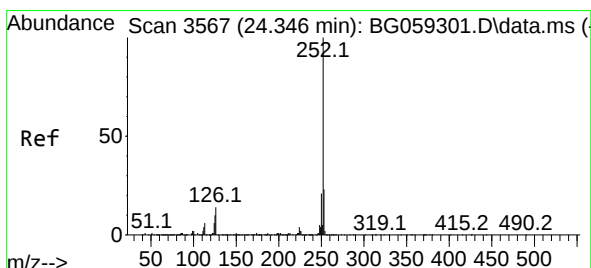
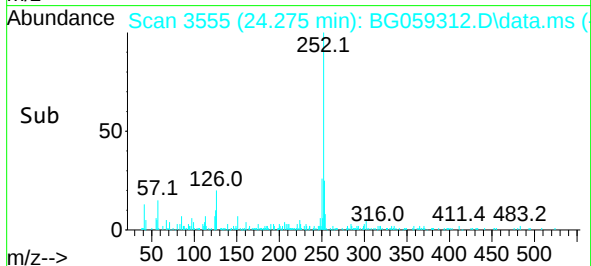
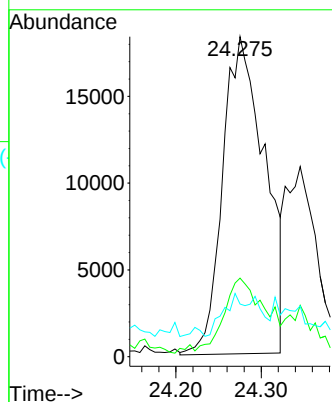
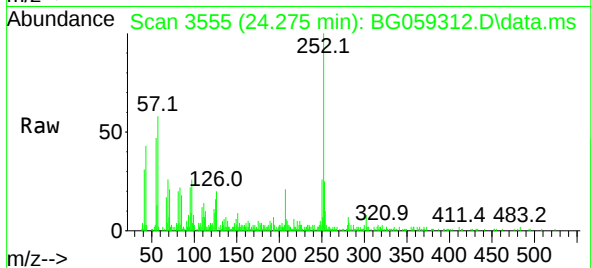
Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	16.5	8.1	12.1

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.001 ng/ul m

RT: 24.346 min Scan# 3567

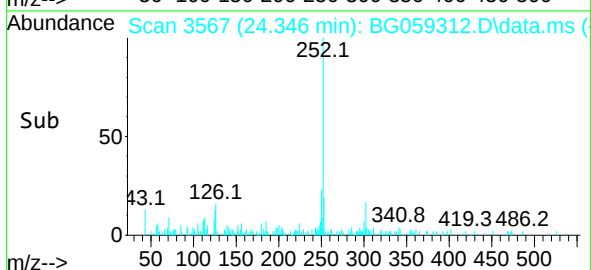
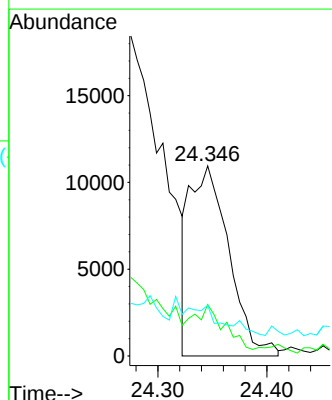
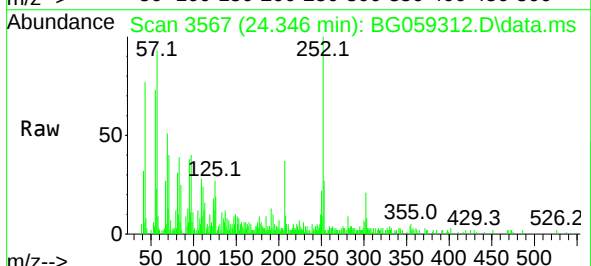
Delta R.T. -0.014 min

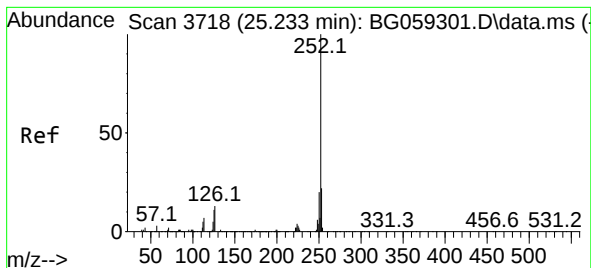
Lab File: BG059312.D

Acq: 6 Oct 2023 1:38

Tgt Ion:252 Resp: 27510

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.6	26.4#
125	26.7	8.1	12.1#





#93

Benzo(a)pyrene

Concen: 3.388 ng/ul

RT: 25.239 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG059312.D

Acq: 6 Oct 2023 1:38

Instrument :

BNA_G

ClientSampleId :

EZY2

Tgt Ion:252 Resp: 4361

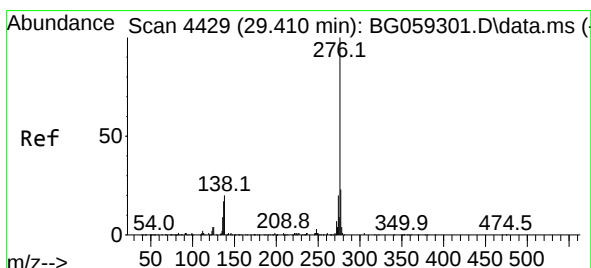
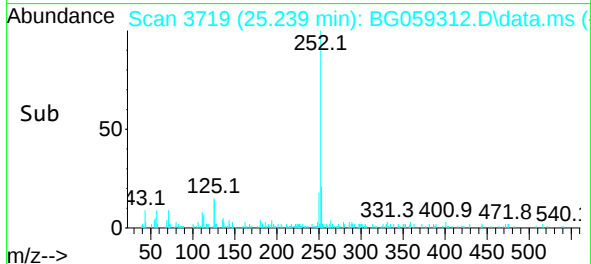
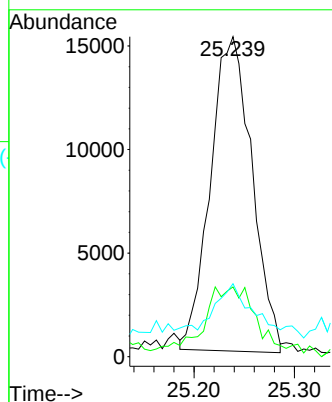
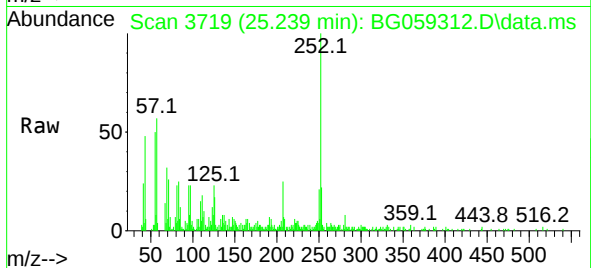
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	22.8	9.4	14.0

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.037 ng/ul m

RT: 29.416 min Scan# 4430

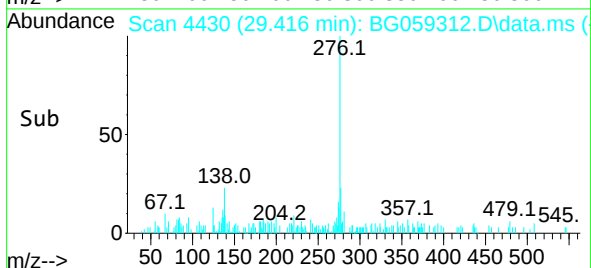
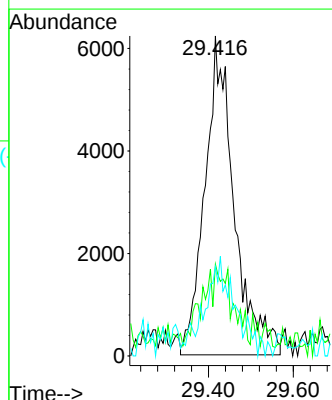
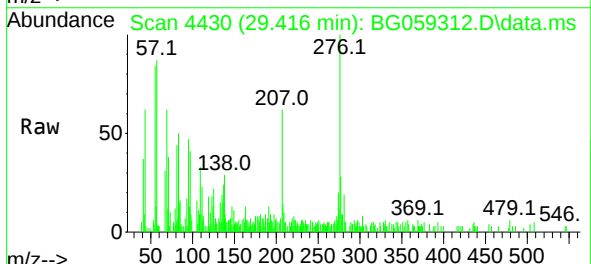
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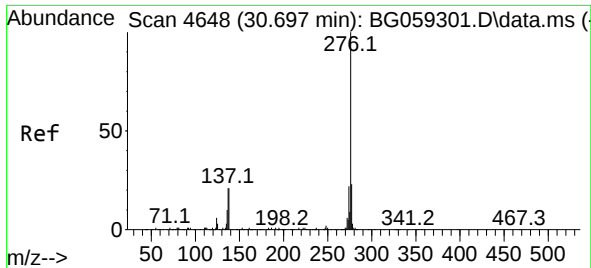
Lab File: BG059312.D

Acq: 6 Oct 2023 1:38

Tgt Ion:276 Resp: 29686

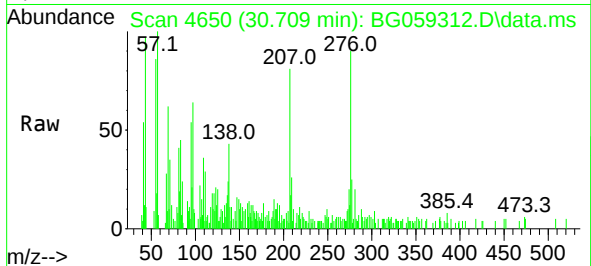
Ion	Ratio	Lower	Upper
276	100		
138	28.7	17.0	25.6
277	28.0	18.6	28.0





#96
 Benzo(g,h,i)perylene
 Concen: 2.385 ng/ul m
 RT: 30.709 min Scan# 4
 Delta R.T. -0.002 min
 Lab File: BG059312.D
 Acq: 6 Oct 2023 1:38

Instrument :
 BNA_G
 ClientSampleId :
 EZYM2



Tgt Ion:	276	Resp:	2825
Ion Ratio	Lower	Upper	
276	100		
138	47.4	16.6	25.0
277	27.9	20.0	30.0

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 Supervised By :mohammad ahmed 10/07/2023

