

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059002.D
 Acq On : 12 Sep 2023 5:07
 Operator : MA/JU
 Sample : 04235-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 05:58:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	89319	20.000	ng/u1	0.00
20) Naphthalene-d8	11.163	136	409356	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.947	164	300902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.697	188	768127	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.015	240	689318	20.000	ng/u1	-0.01
88) Perylene-d12	25.582	264	777320	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	10147	4.829	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.427	99	96317	10.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.644	67	100559	19.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.838	132	20055	3.472	ng/u1	0.00
15) 4-Methylphenol-d8	9.001	113	93539	13.442	ng/u1	0.00
21) Nitrobenzene-d5	9.518	128	60397	20.341	ng/u1	0.00
24) 2-Nitrophenol-d4	10.241	143	4888	1.500	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.752	165	10346	1.494	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.304	131	133038	14.287	ng/u1	0.00
46) Dimethylphthalate-d6	14.342	166	479579	20.547	ng/u1	0.00
49) Acenaphthylene-d8	14.648	160	521323	20.058	ng/u1	0.00
54) 4-Nitrophenol-d4	15.106	143	146	0.038	ng/u1	-0.01
60) Fluorene-d10	15.934	176	458414	22.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.040	200	359	0.095	ng/u1	0.00
73) Anthracene-d10	17.791	188	719017	21.086	ng/u1	0.00
81) Pyrene-d10	20.065	212	871644	23.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.335	264	861640	22.613	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.166	105	57499m	4.984	ng/u1	
72) Phenanthrene	17.738	178	176086	4.517	ng/u1	98
80) Fluoranthene	19.730	202	617986	14.574	ng/u1	97
82) Pyrene	20.094	202	488152	11.073	ng/u1#	95
85) Benzo(a)anthracene	21.998	228	268197	5.802	ng/u1	99
87) Chrysene	22.068	228	350658	8.160	ng/u1	98
90) Benzo(b)fluoranthene	24.430	252	511106	11.038	ng/u1	96
91) Benzo(k)fluoranthene	24.507	252	197306m	4.170	ng/u1	
93) Benzo(a)pyrene	25.411	252	248783	5.758	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	29.701	276	295866	5.420	ng/u1	95
95) Dibenzo(a,h)anthracene	29.771	278	82623m	1.827	ng/u1	
96) Benzo(g,h,i)perylene	31.005	276	308006m	7.128	ng/u1	

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

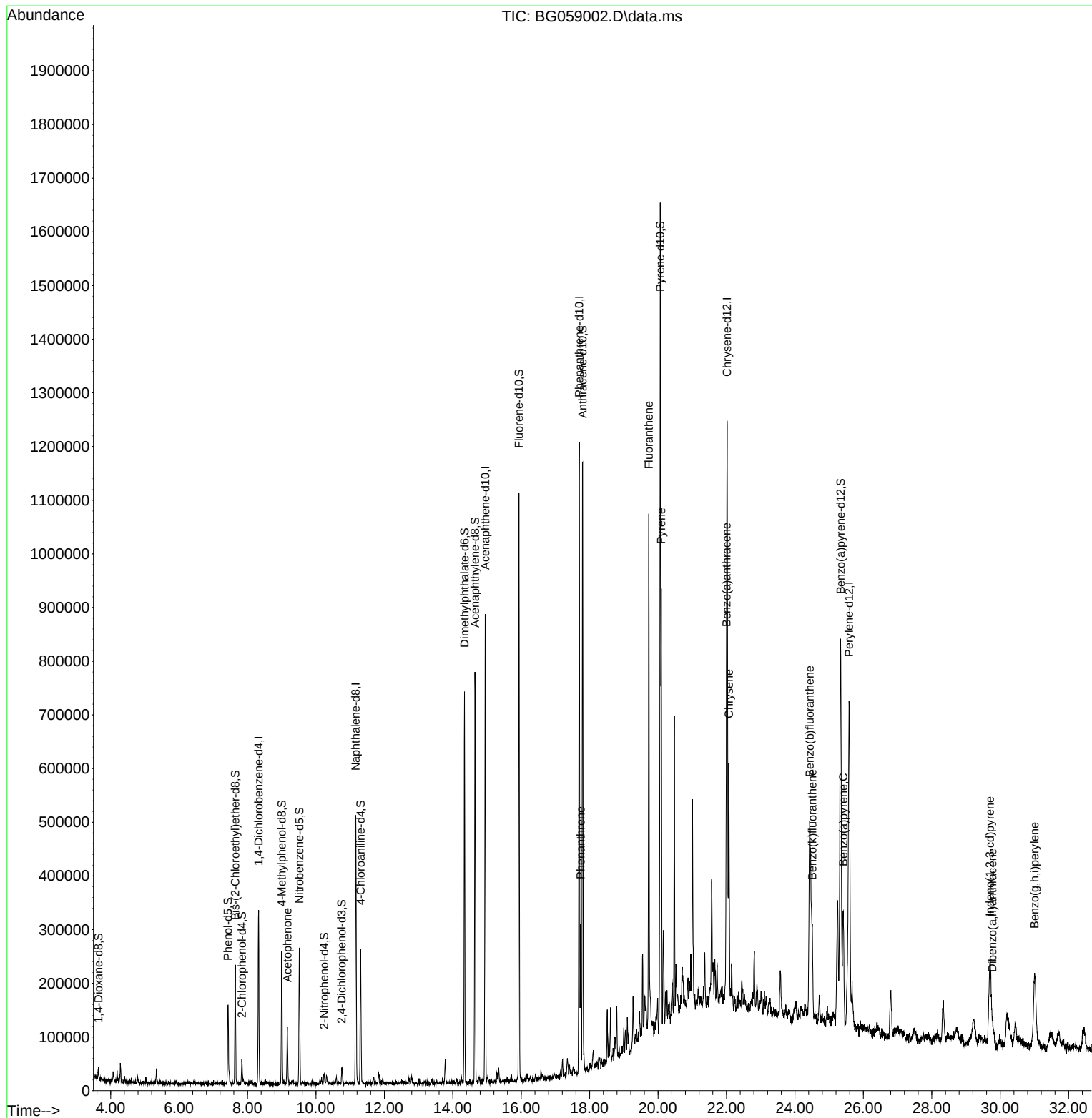
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG059002.D
Acq On : 12 Sep 2023 5:07
Operator : MA/JU
Sample : 04235-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

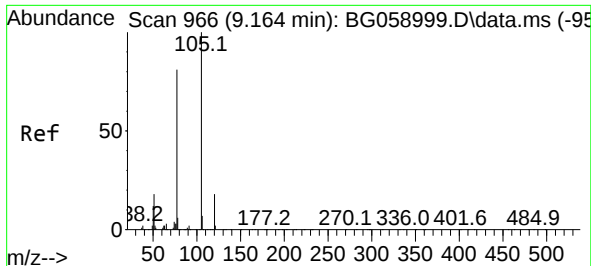
Instrument :
BNA_G
ClientSampleId :
EZYD9

Quant Time: Sep 12 05:58:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
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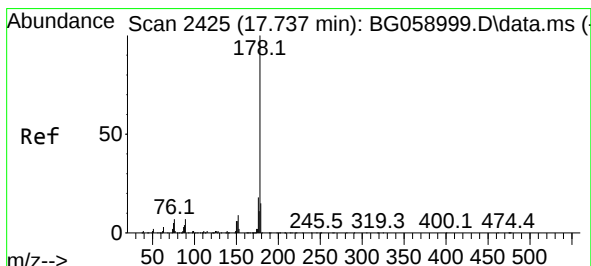
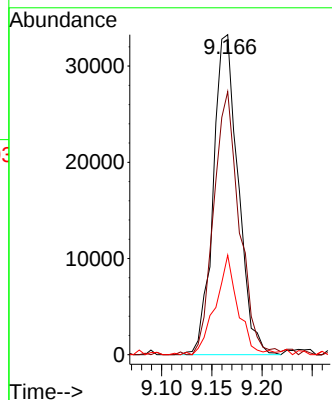
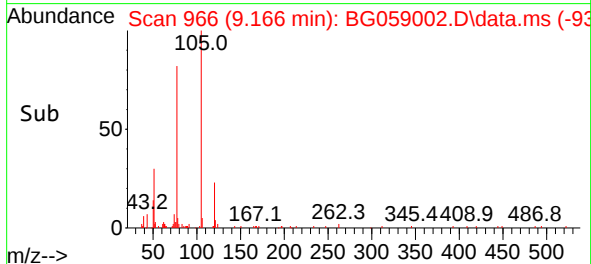
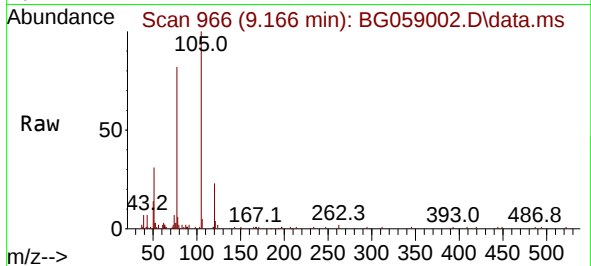
#16
Acetophenone
Concen: 4.984 ng/ul m
RT: 9.166 min Scan# 9
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

Instrument :
BNA_G
ClientSampleId :
EZYD9

Tgt Ion:105 Resp: 57499
Ion Ratio Lower Upper
105 100
77 82.2 67.3 100.9
51 31.1 19.3 28.9

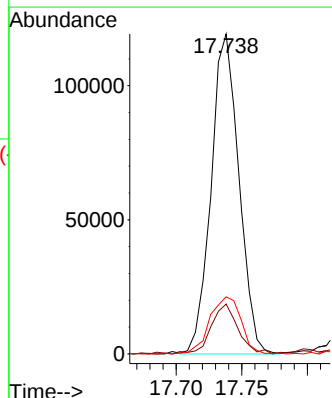
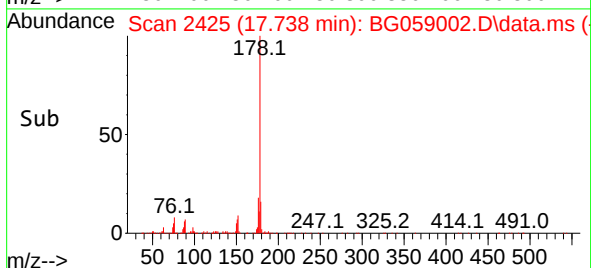
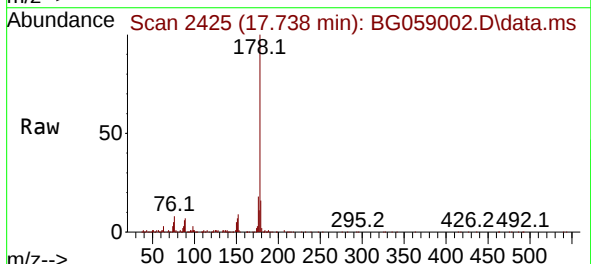
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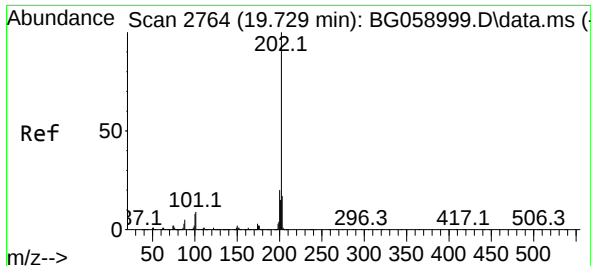
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023



#72
Phenanthrene
Concen: 4.517 ng/ul
RT: 17.738 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

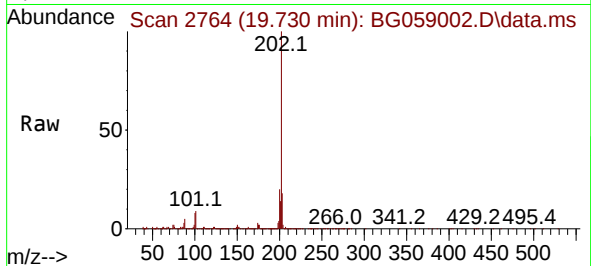
Tgt Ion:178 Resp: 176086
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 17.9 15.1 22.7





#80
Fluoranthene
Concen: 14.574 ng/uI
RT: 19.730 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

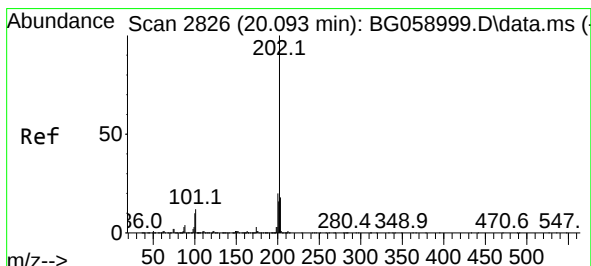
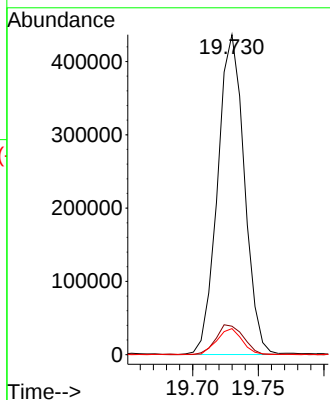
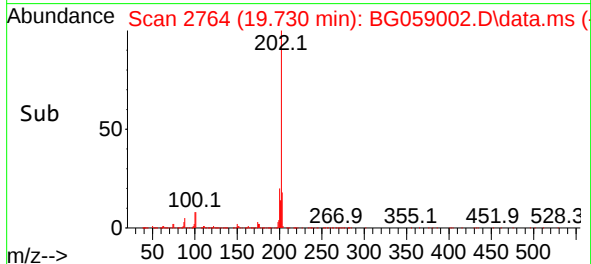
Instrument :
BNA_G
ClientSampleId :
EZYD9



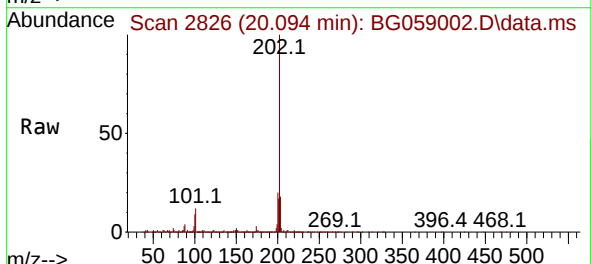
Tgt Ion:202 Resp: 617980
Ion Ratio Lower Upper
202 100
101 8.9 6.1 9.1
100 8.1 5.9 8.9

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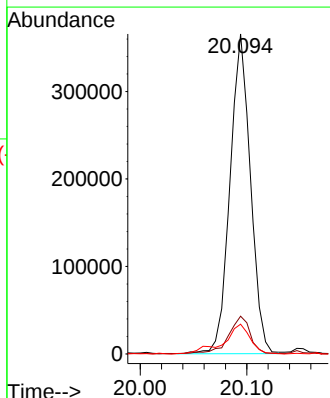
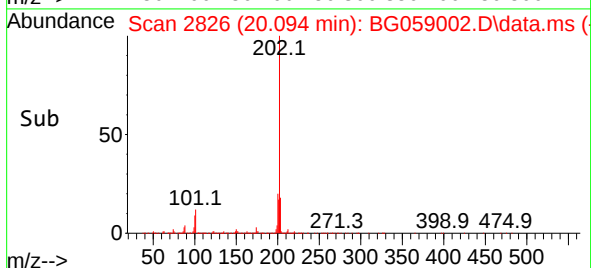
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

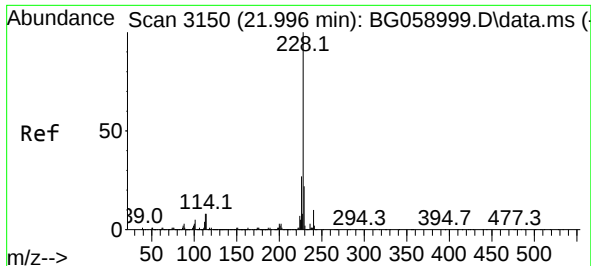


#82
Pyrene
Concen: 11.073 ng/uI
RT: 20.094 min Scan# 2826
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07



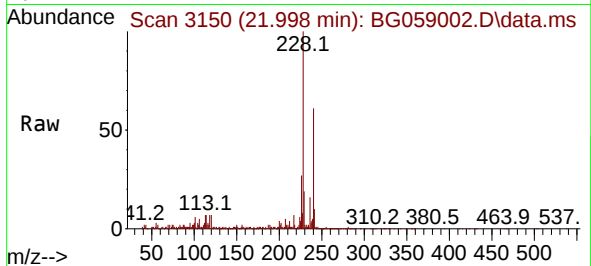
Tgt Ion:202 Resp: 488152
Ion Ratio Lower Upper
202 100
101 11.8 7.5 11.3#
100 9.3 6.3 9.5





#85
Benzo(a)anthracene
Concen: 5.802 ng/u1
RT: 21.998 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

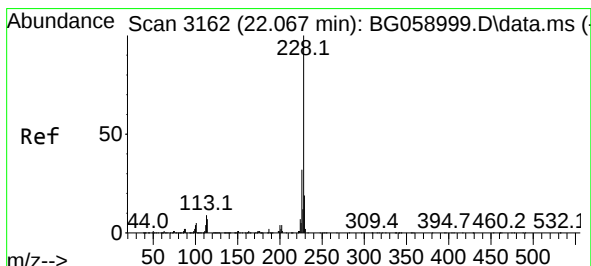
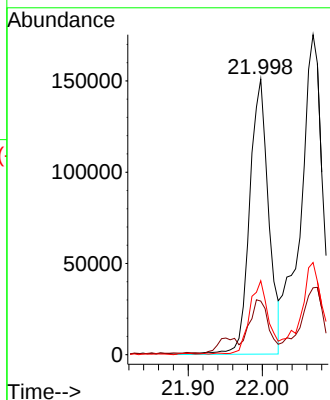
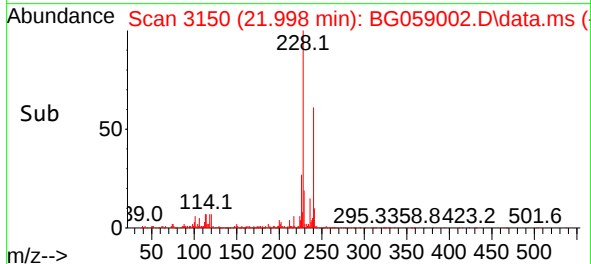
Instrument :
BNA_G
ClientSampleId :
EZYD9



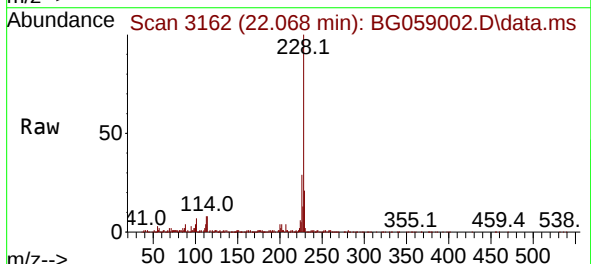
Tgt Ion:228 Resp: 26819
Ion Ratio Lower Upper
228 100
229 19.4 16.0 24.0
226 26.8 20.8 31.2

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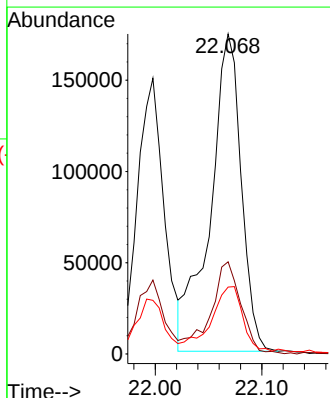
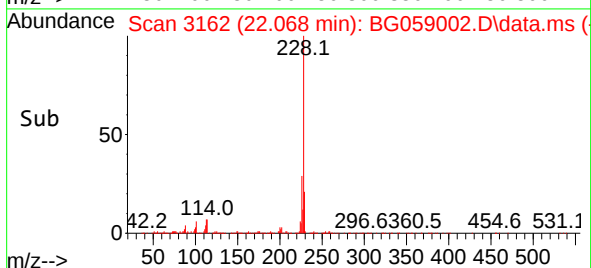
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

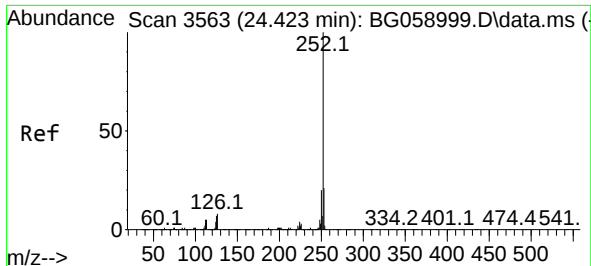


#87
Chrysene
Concen: 8.160 ng/u1
RT: 22.068 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07



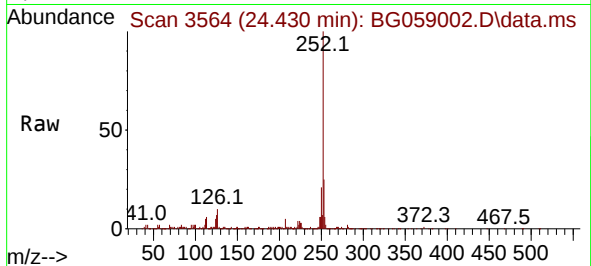
Tgt Ion:228 Resp: 350658
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.9 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 11.038 ng/ul
RT: 24.430 min Scan# 3563
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

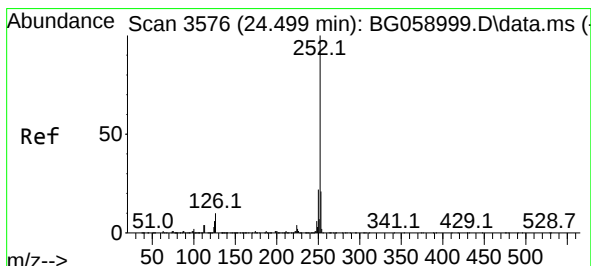
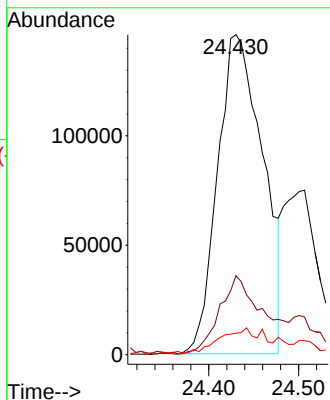
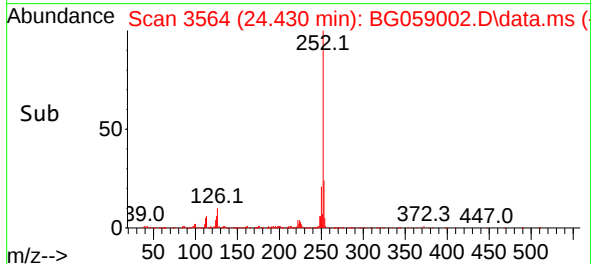
Instrument :
BNA_G
ClientSampleId :
EZYD9



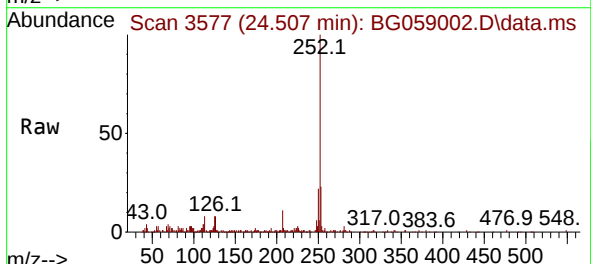
Tgt Ion:252 Resp: 511100
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 6.7 6.2 9.2

Manual Integrations
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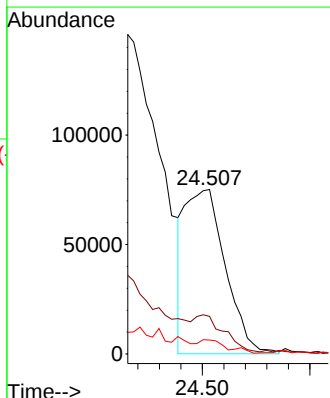
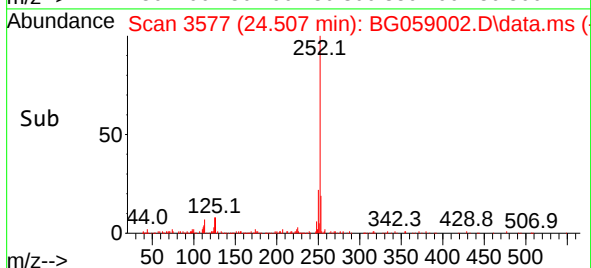
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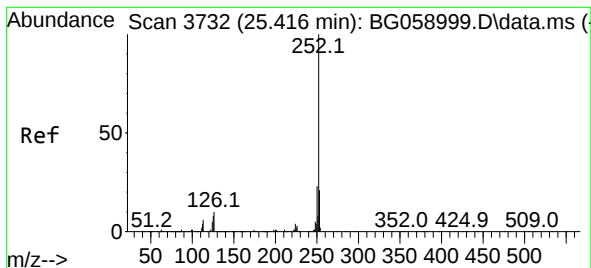


#91
Benzo(k)fluoranthene
Concen: 4.170 ng/ul m
RT: 24.507 min Scan# 3577
Delta R.T. -0.004 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07



Tgt Ion:252 Resp: 197306
Ion Ratio Lower Upper
252 100
253 22.8 19.1 28.7
125 8.4 5.0 7.4#





#93

Benzo(a)pyrene

Concen: 5.758 ng/ul

RT: 25.411 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG059002.D

Acq: 12 Sep 2023 5:07

Instrument :

BNA_G

ClientSampleId :

EZYD9

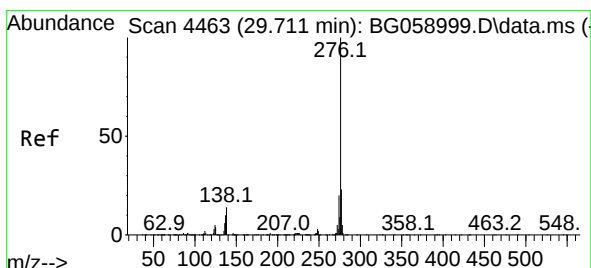
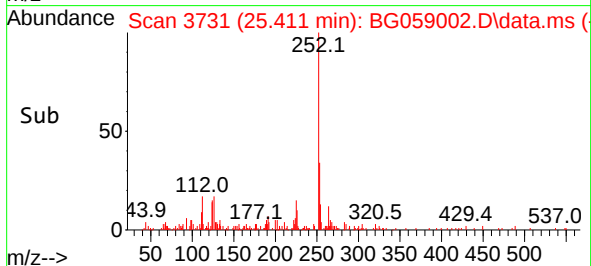
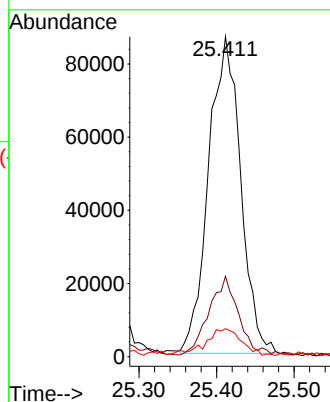
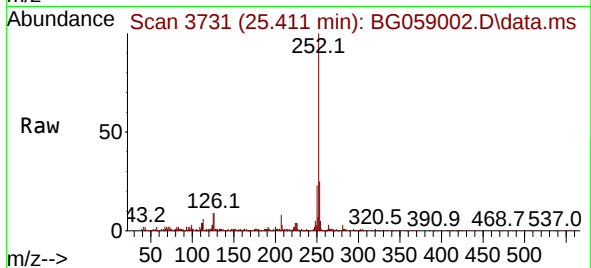
Tgt Ion:	252	Resp:	24878
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	8.7	5.3	7.9

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 5.420 ng/ul

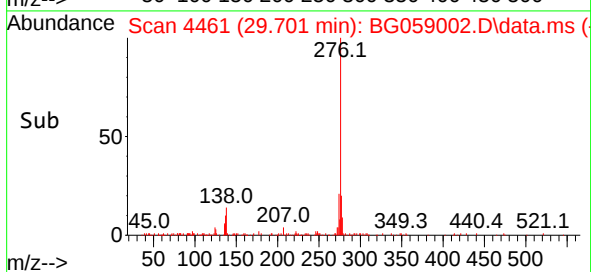
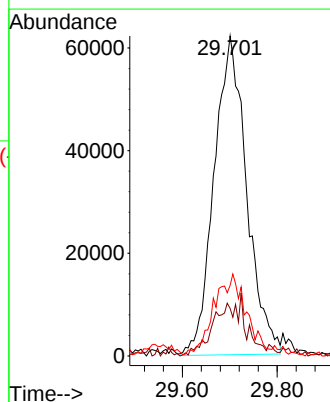
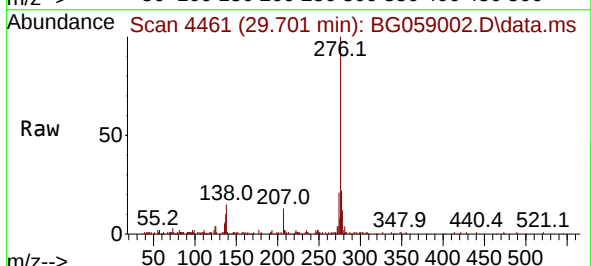
RT: 29.701 min Scan# 4461

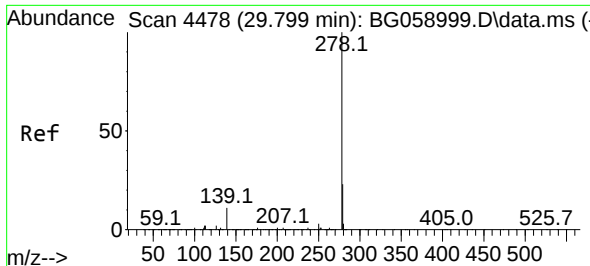
Delta R.T. -0.016 min

Lab File: BG059002.D

Acq: 12 Sep 2023 5:07

Tgt Ion:	276	Resp:	295866
Ion Ratio	Lower	Upper	
276	100		
138	14.9	11.8	17.8
277	22.1	20.7	31.1





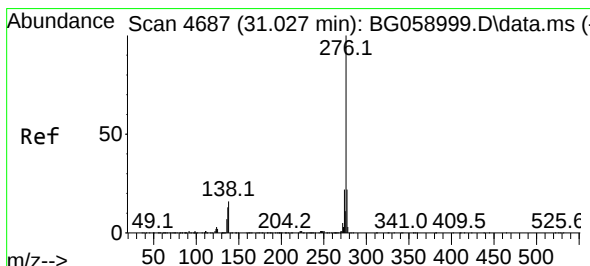
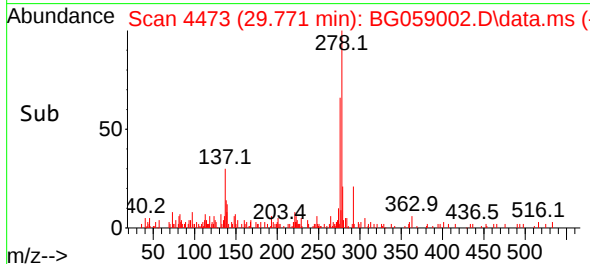
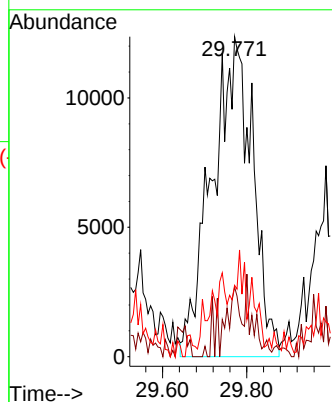
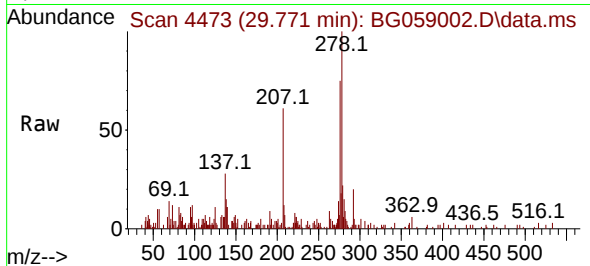
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Dibenzo(a,h)anthracene
Concen: 1.827 ng/ul m
RT: 29.771 min Scan# 4478
Delta R.T. -0.040 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

Instrument :
BNA_G
ClientSampleId :
EZYD9

Tgt Ion:278 Resp: 8262
Ion Ratio Lower Upper
278 100
139 11.1 9.8 14.8
279 22.3 18.5 27.7

Manual Integrations
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Supervised By :mohammad ahmed 09/13/2023



#96
Benzo(g,h,i)perylene
Concen: 7.128 ng/ul m
RT: 31.005 min Scan# 4683
Delta R.T. -0.034 min
Lab File: BG059002.D
Acq: 12 Sep 2023 5:07

Tgt Ion:276 Resp: 308006
Ion Ratio Lower Upper
276 100
138 14.9 11.4 17.2
277 20.6 17.4 26.2

