

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041023.D
 Acq On : 21 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 18:49:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4178	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	14914	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	7945	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	17425	0.400	ng/ul	0.00
17) Chrysene-d12	21.463	240	14147	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	15158	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	21259	3.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	8163	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	17649	0.297	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	1151	0.028	ng/ul#	76
10) Acenaphthylene	14.236	152	2518	0.076	ng/ul#	93
12) Fluorene	15.568	166	734	0.024	ng/ul#	96
15) Phenanthrene	17.312	178	16714	0.321	ng/ul	100
16) Anthracene	17.400	178	2832	0.070	ng/ul#	91
19) Fluoranthene	19.334	202	52031	0.712	ng/ul#	93
20) Pyrene	19.696	202	45834	0.614	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	22720	0.527	ng/ul	96
22) Chrysene	21.498	228	21176	0.430	ng/ul	98
24) Benzo(b)fluoranthene	23.129	252	28758	0.494	ng/ul	93
25) Benzo(k)fluoranthene	23.170	252	11238m	0.203	ng/ul	
26) Benzo(a)pyrene	23.746	252	14837	0.295	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.330	276	16326	0.245	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.330	278	3300	0.065	ng/ul#	77
29) Benzo(g,h,i)perylene	27.082	276	16024	0.260	ng/ul	95

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

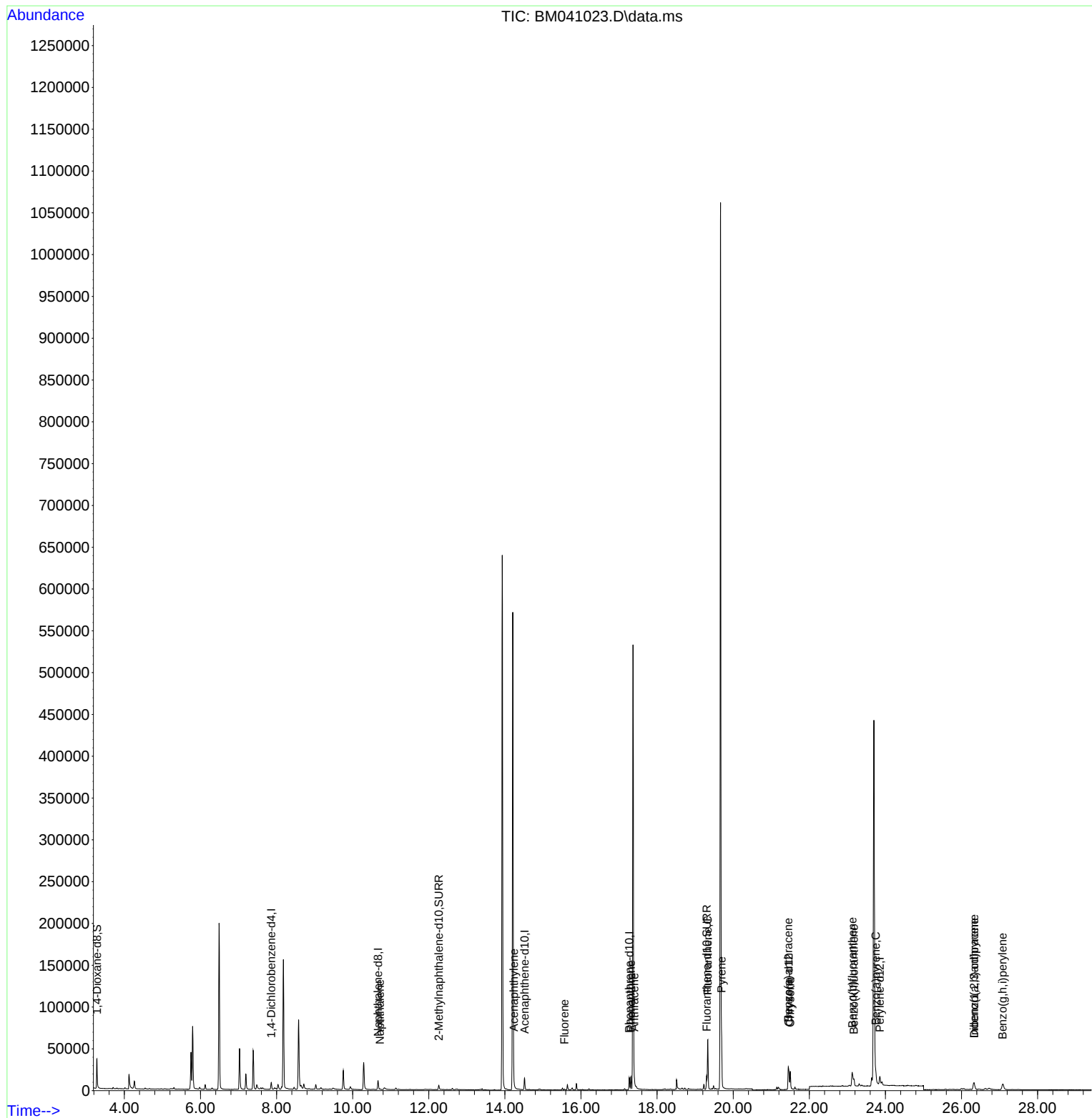
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041023.D
Acq On : 21 Jul 2023 18:07
Operator : MA/JU
Sample : 03472-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

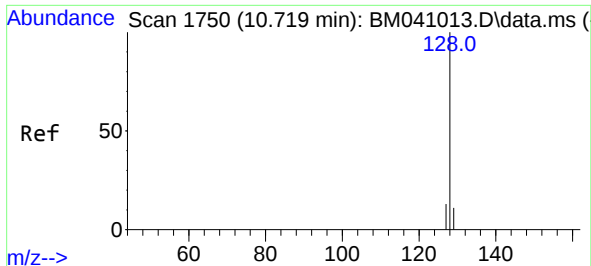
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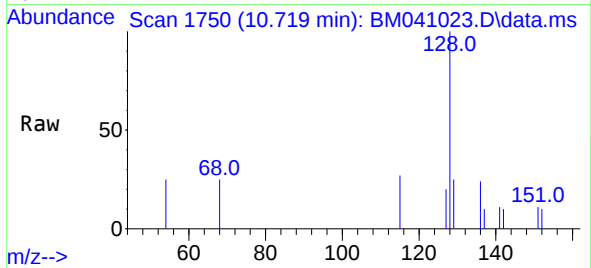
Quant Time: Jul 21 18:49:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/u1
RT: 10.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

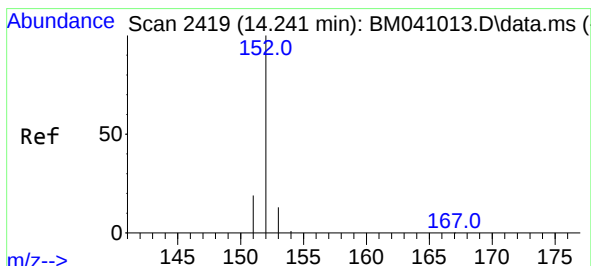
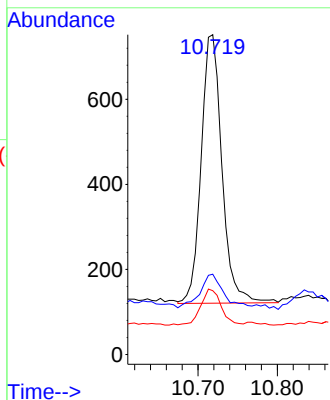
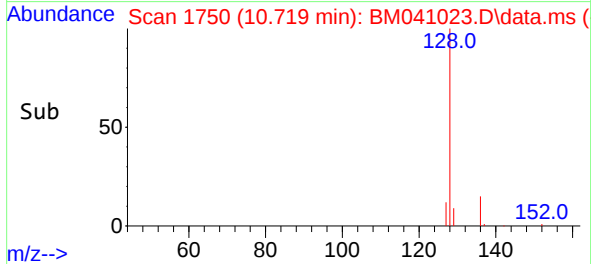
Instrument :
BNA_M
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A46R1



Tgt Ion:128 Resp: 115
Ion Ratio Lower Upper
128 100
129 25.1 9.8 14.8
127 19.9 11.0 16.4

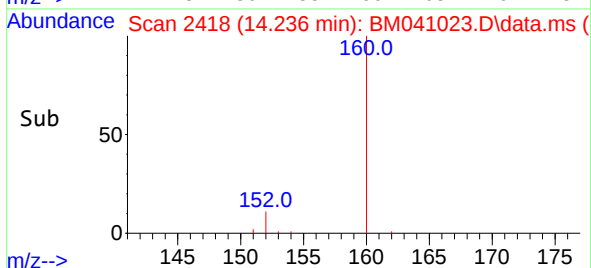
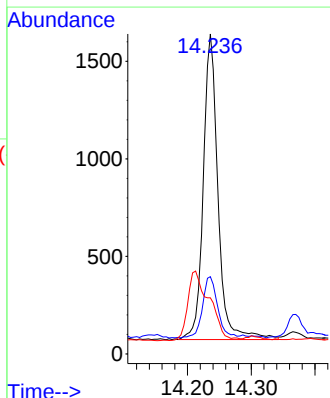
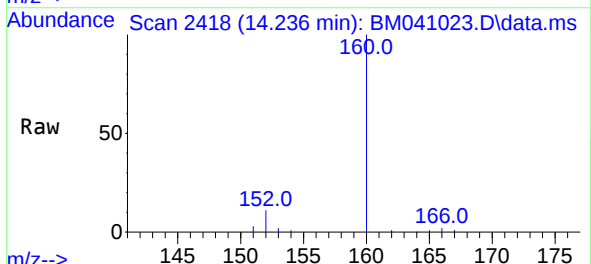
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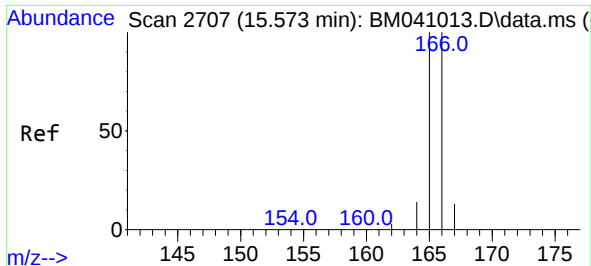
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.076 ng/u1
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

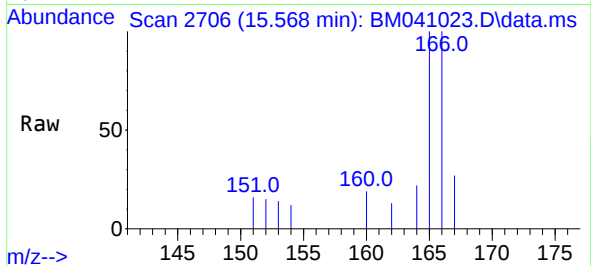
Tgt Ion:152 Resp: 2518
Ion Ratio Lower Upper
152 100
151 24.1 16.8 25.2
153 17.6 11.6 17.4





#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.568 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

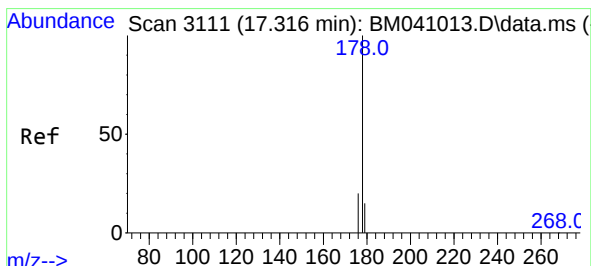
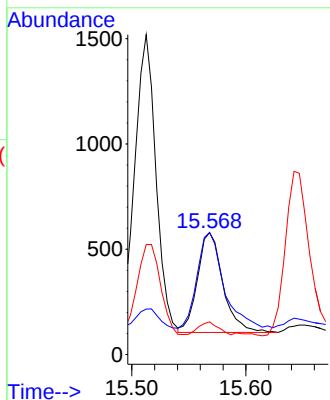
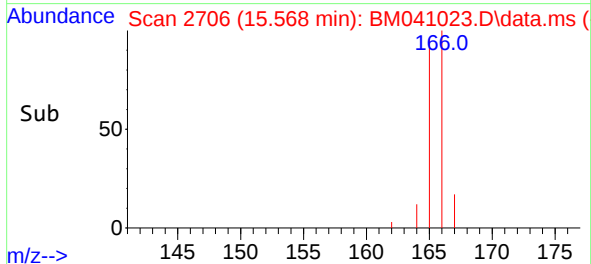
Instrument :
BNA_M
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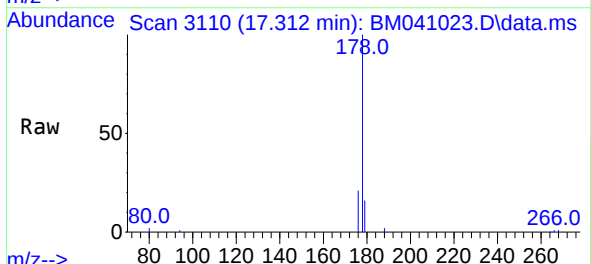
Tgt Ion:166 Resp: 734
Ion Ratio Lower Upper
166 100
165 100.2 80.3 120.5
167 26.8 11.7 17.5

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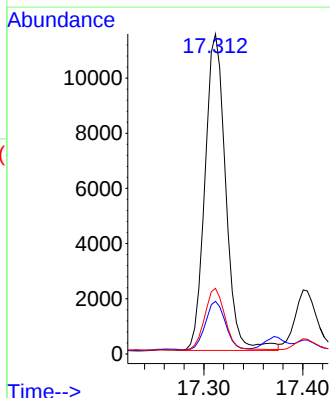
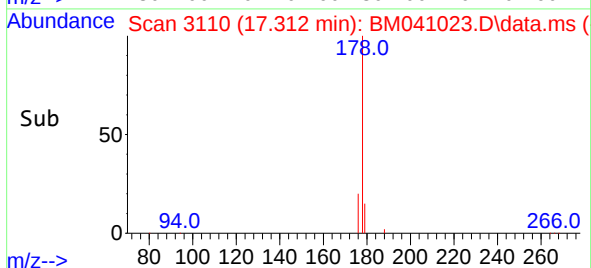
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

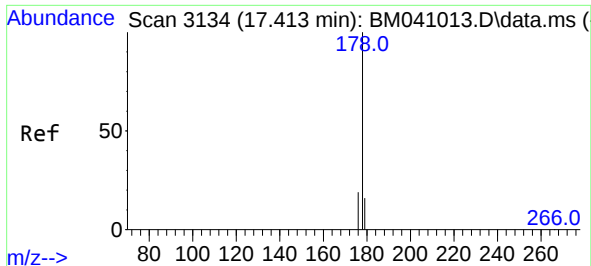


#15
Phenanthrene
Concen: 0.321 ng/u1
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07



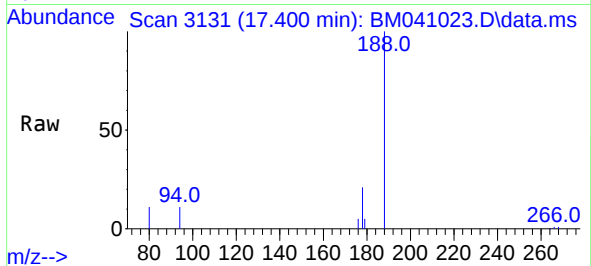
Tgt Ion:178 Resp: 16714
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.5 16.2 24.4





#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.400 min Scan# 3134
 Delta R.T. -0.013 min
 Lab File: BM041023.D
 Acq: 21 Jul 2023 18:07

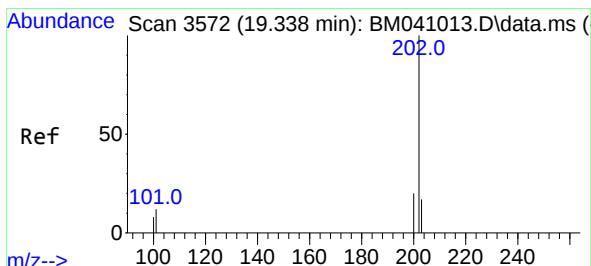
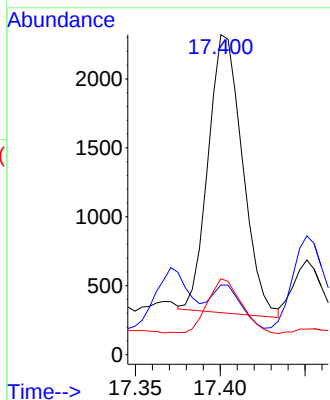
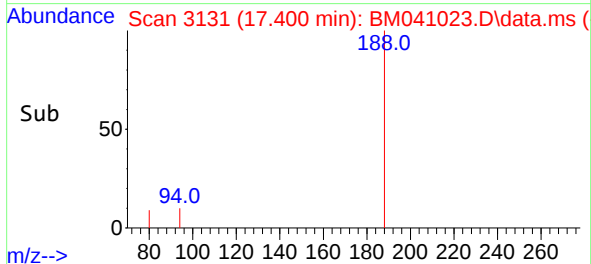
Instrument :
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Tgt Ion:178 Resp: 2832
 Ion Ratio Lower Upper
 178 100
 179 21.8 13.7 20.5#
 176 23.7 16.4 24.6#

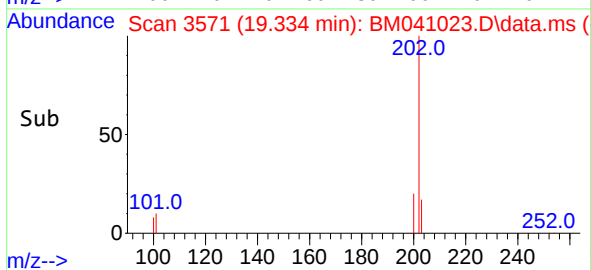
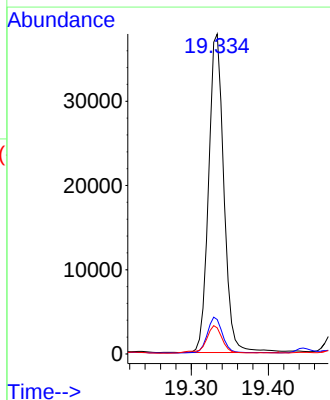
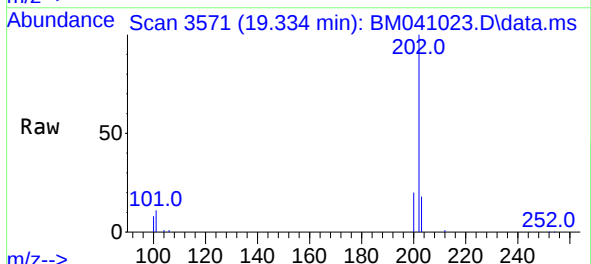
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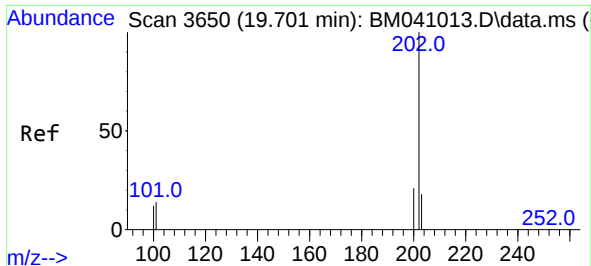
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 0.712 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.005 min
 Lab File: BM041023.D
 Acq: 21 Jul 2023 18:07

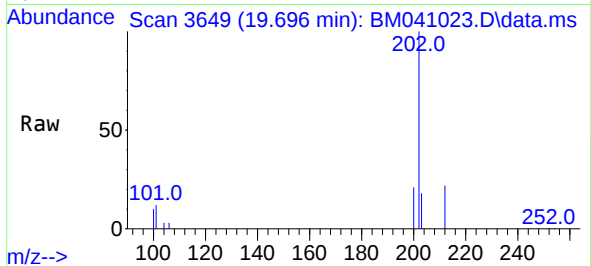
Tgt Ion:202 Resp: 52031
 Ion Ratio Lower Upper
 202 100
 101 10.8 11.0 16.4#
 100 8.2 8.3 12.5#





#20
Pyrene
Concen: 0.614 ng/ul
RT: 19.696 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

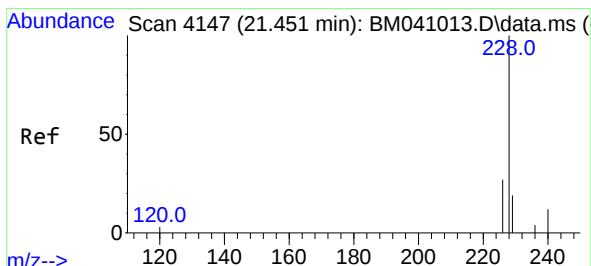
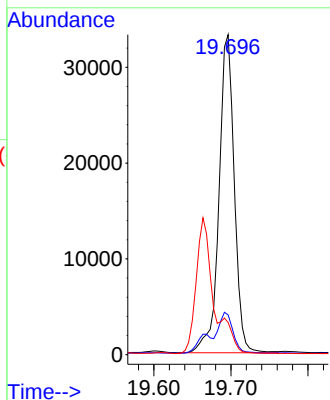
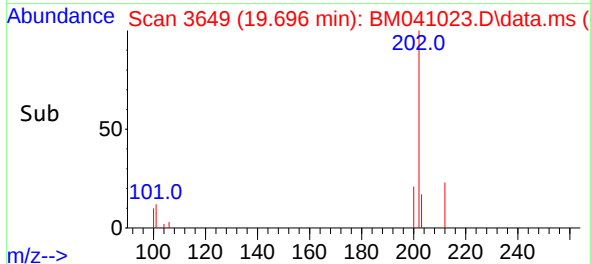
Instrument :
BNA_M
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A46R1



Tgt Ion:202 Resp: 45834
Ion Ratio Lower Upper
202 100
101 12.5 12.5 18.7
100 10.0 10.0 15.0

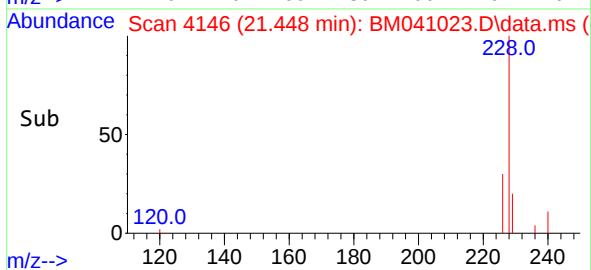
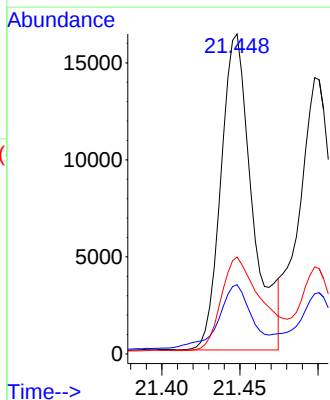
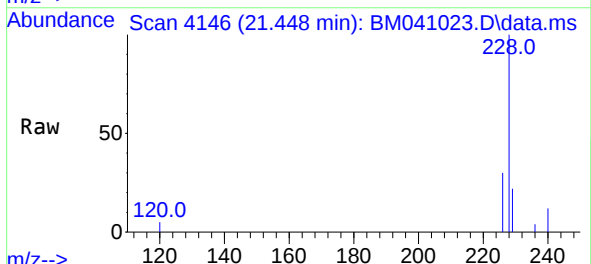
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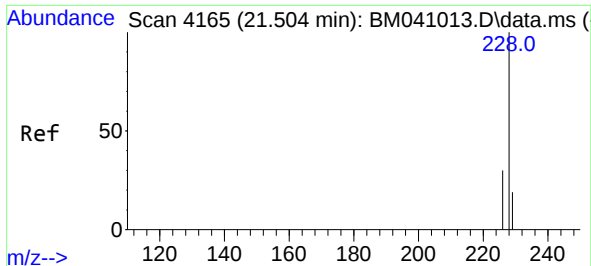
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.003 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

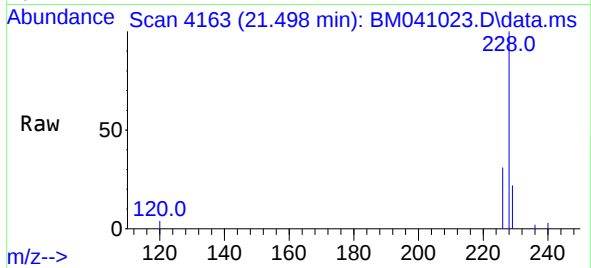
Tgt Ion:228 Resp: 22720
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.4
226 30.3 22.3 33.5





#22
Chrysene
Concen: 0.430 ng/u1
RT: 21.498 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

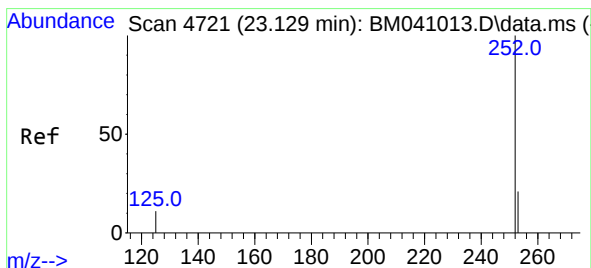
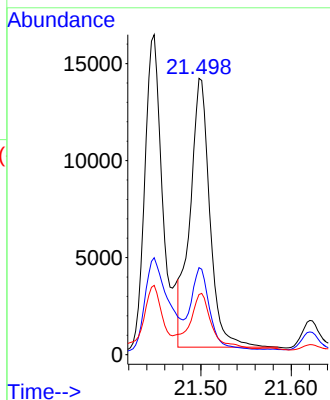
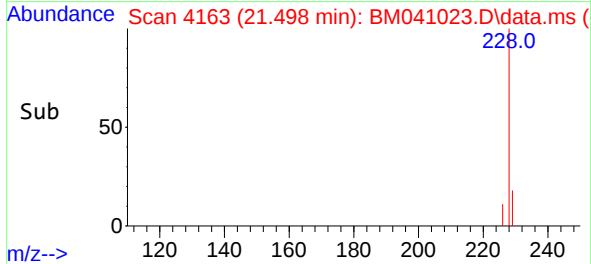
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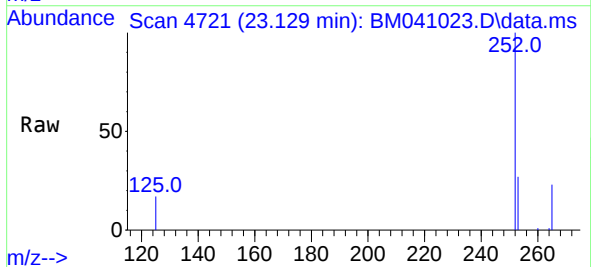
Tgt Ion:228 Resp: 21170
Ion Ratio Lower Upper
228 100
226 31.5 24.6 37.0
229 21.8 16.1 24.1

Manual Integrations
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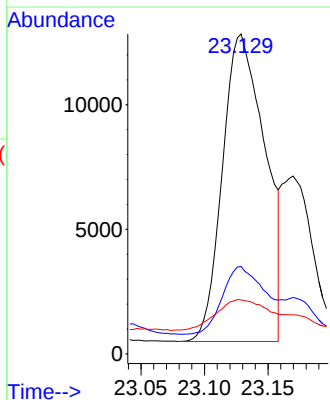
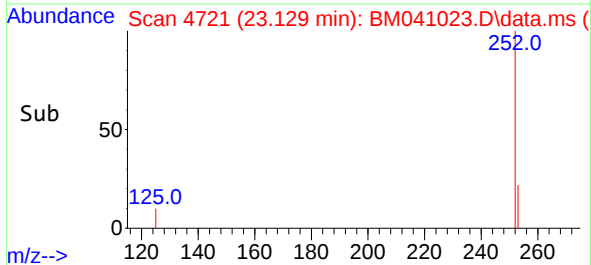
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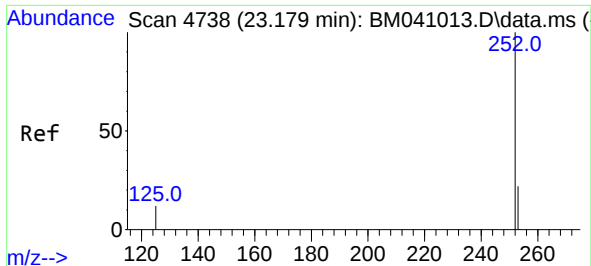


#24
Benzo(b)fluoranthene
Concen: 0.494 ng/u1
RT: 23.129 min Scan# 4721
Delta R.T. -0.000 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07



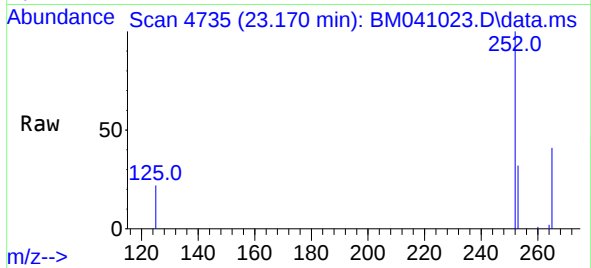
Tgt Ion:252 Resp: 28758
Ion Ratio Lower Upper
252 100
253 27.3 0.0 57.4
125 16.9 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 23.170 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

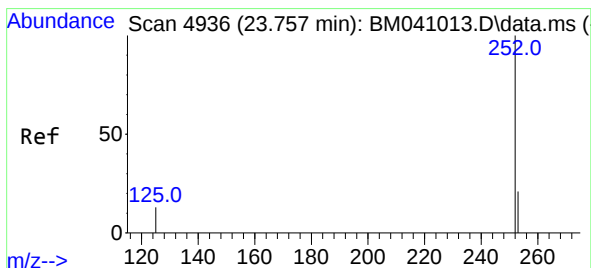
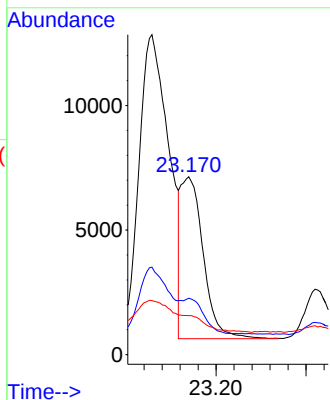
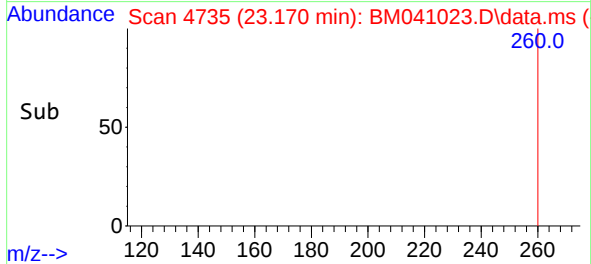
Instrument :
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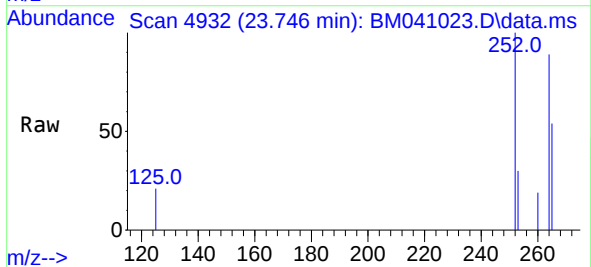
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Ion Ratio Lower Upper
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253 31.7 23.3 34.9
125 21.9 18.2 27.2

Manual Integrations
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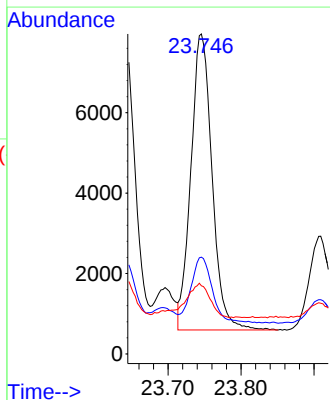
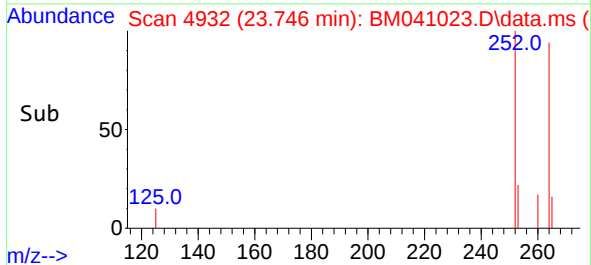
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

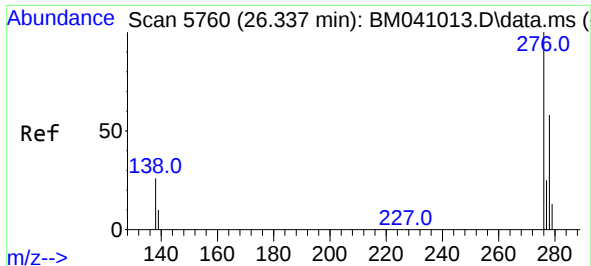


#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.012 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07



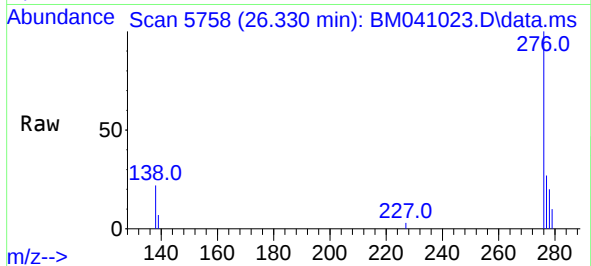
Tgt Ion:252 Resp: 14837
Ion Ratio Lower Upper
252 100
253 30.3 28.2 42.2
125 21.3 25.2 37.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.245 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.007 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

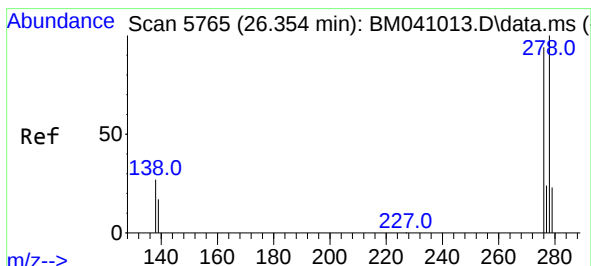
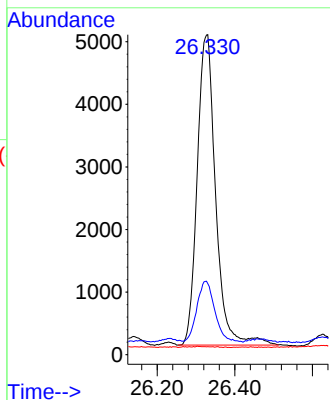
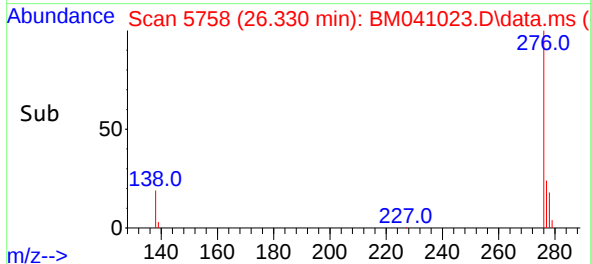
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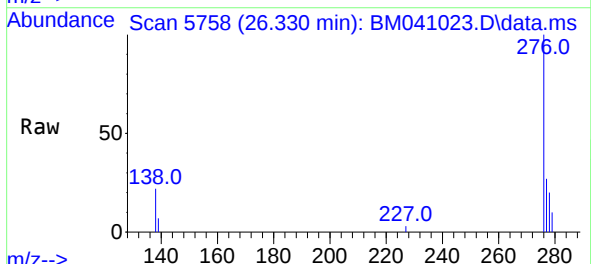
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Ion Ratio Lower Upper
276 100
138 19.2 22.3 33.5#
227 0.0 0.0 0.0

Manual Integrations
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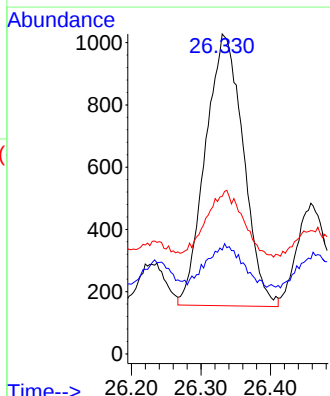
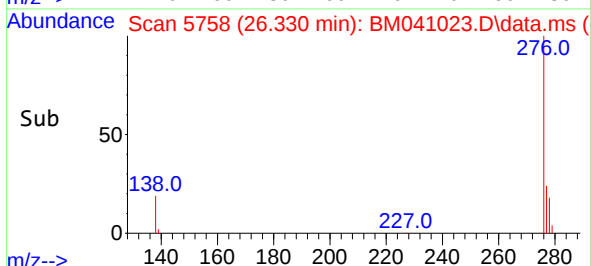
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

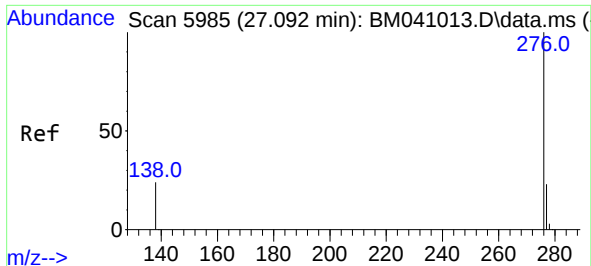


#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.024 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07



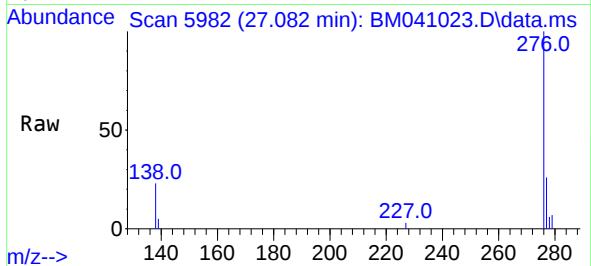
Tgt Ion:278 Resp: 3300
Ion Ratio Lower Upper
278 100
139 32.5 19.2 28.8#
279 49.2 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BM041023.D
Acq: 21 Jul 2023 18:07

Instrument :
BNA_M
ClientSampleId :
A46R1



Tgt Ion:276 Resp: 16024
Ion Ratio Lower Upper
276 100
138 23.4 22.6 34.0
277 26.2 21.2 31.8

Manual Integrations
APPROVED

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