

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038118.D
 Acq On : 20 Dec 2022 00:38
 Operator : CG/JU
 Sample : N6006-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 01:08:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5610	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	17638	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	20898	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	16563	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	15746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	28471	3.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	7770	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	17601	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	1815	0.034	ng/ul#	90
7) 2-Methylnaphthalene	12.517	142	667	0.020	ng/ul	98
10) Acenaphthylene	14.398	152	1664	0.032	ng/ul#	80
14) Pentachlorophenol	17.063	266	252	0.029	ng/ul	95
15) Phenanthrene	17.455	178	16662	0.237	ng/ul	98
16) Anthracene	17.548	178	2724	0.042	ng/ul#	88
19) Fluoranthene	19.459	202	50731	0.593	ng/ul#	91
20) Pyrene	19.822	202	40740m	0.467	ng/ul	
21) Benzo(a)anthracene	21.559	228	20811	0.291	ng/ul	98
22) Chrysene	21.615	228	26423	0.366	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	37864	0.507	ng/ul	98
25) Benzo(k)fluoranthene	23.322	252	12626m	0.175	ng/ul	
26) Benzo(a)pyrene	23.918	252	19769	0.314	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.585	276	17289	0.219	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.602	278	4265	0.069	ng/ul#	63
29) Benzo(g,h,i)perylene	27.383	276	12877	0.192	ng/ul	98

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

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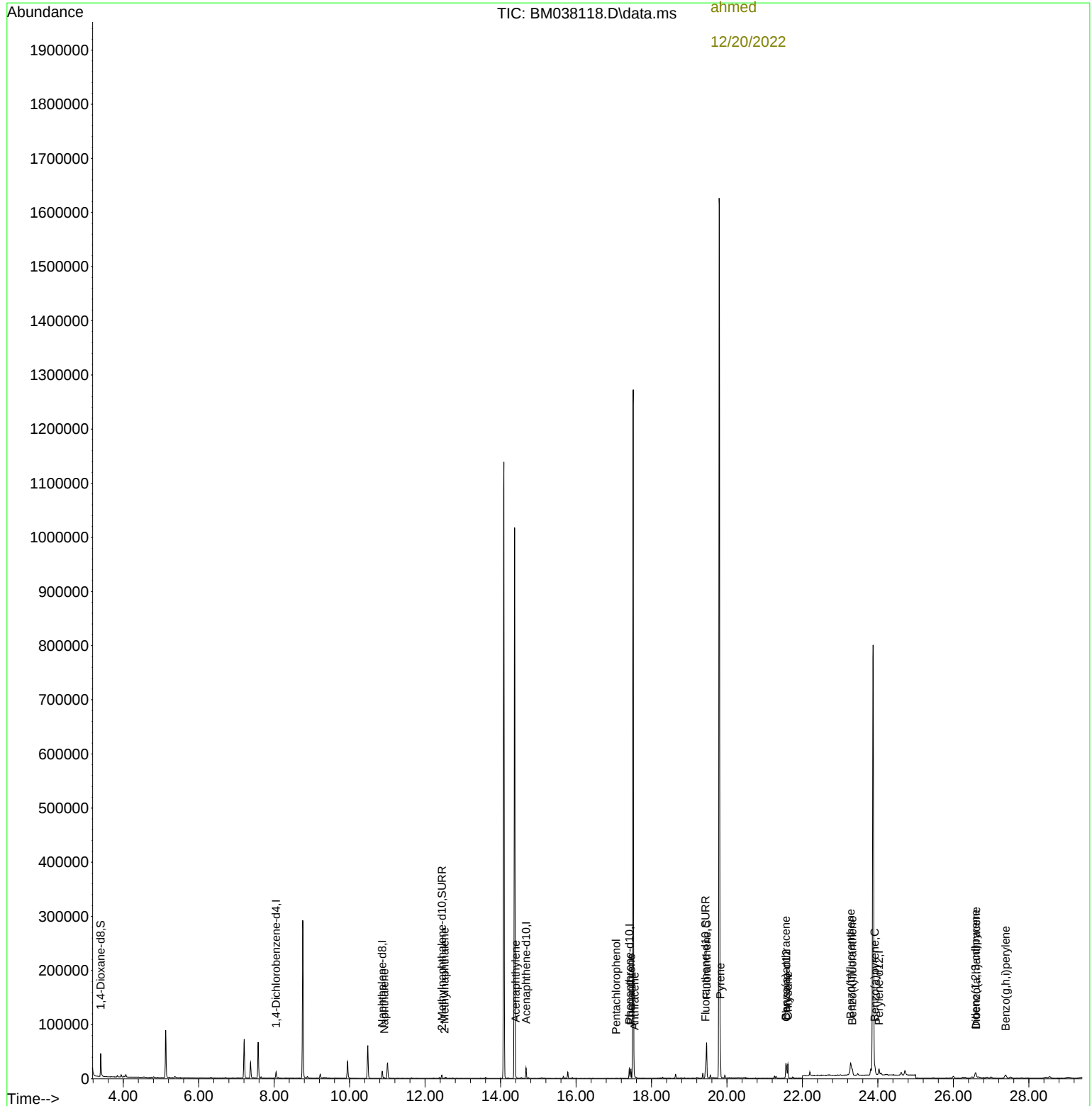
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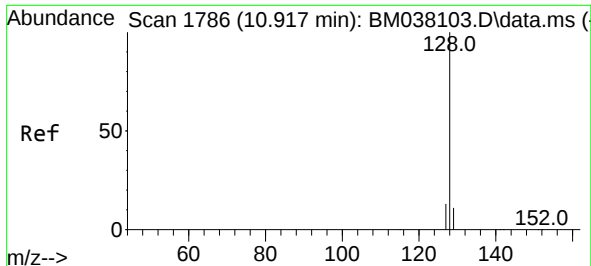
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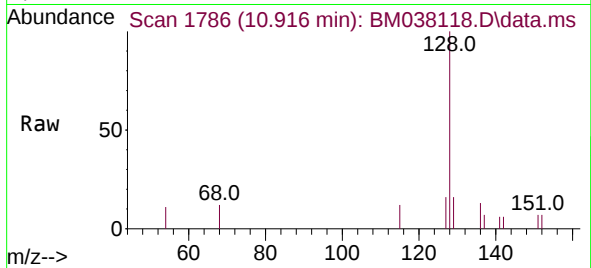
12/20/2022





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



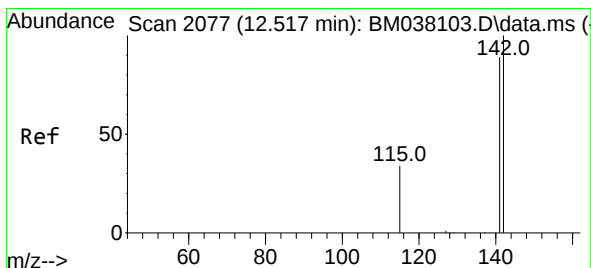
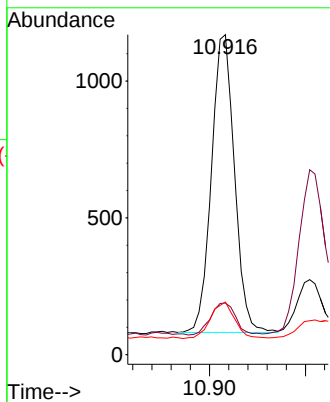
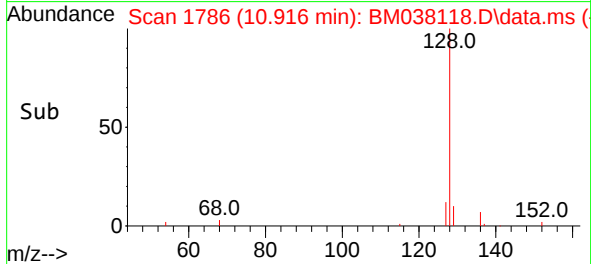
Tgt Ion:128 Resp: 1815
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7
127 16.4 10.4 15.6

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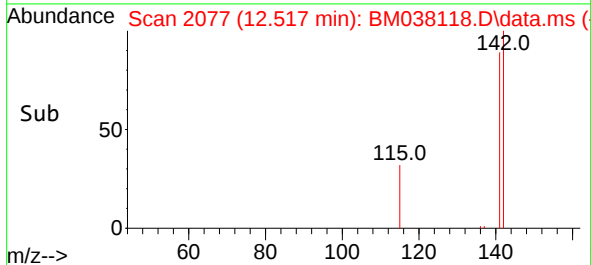
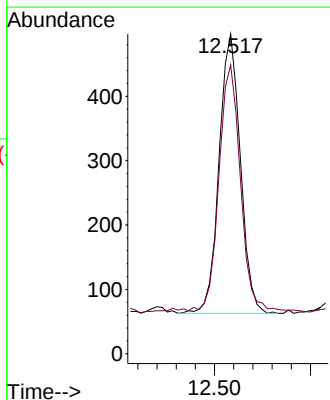
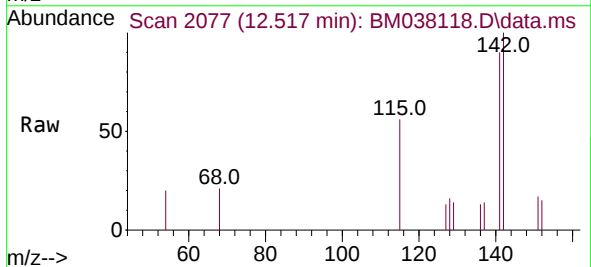
12/20/2022
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ahmed

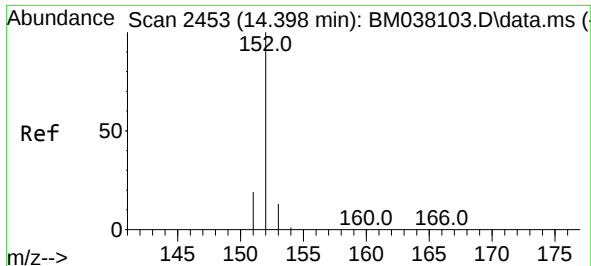
12/20/2022



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

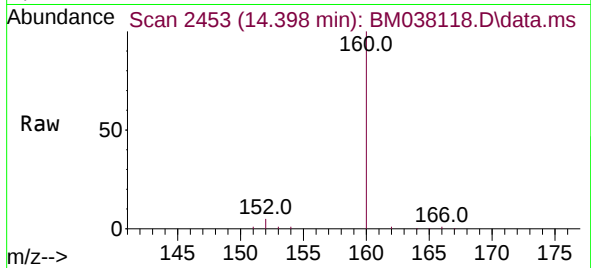
Tgt Ion:142 Resp: 667
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6





#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



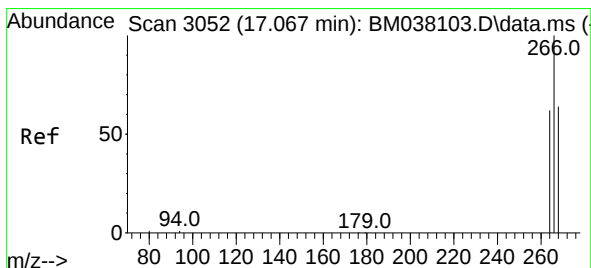
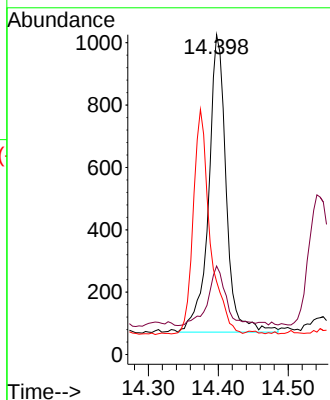
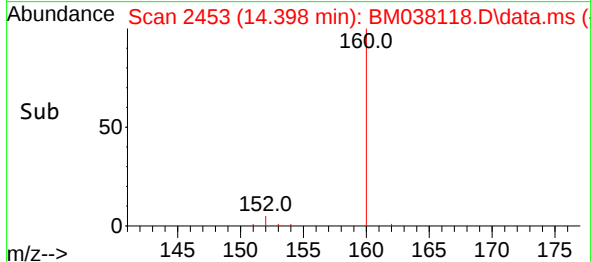
Tgt Ion:152 Resp: 1664
Ion Ratio Lower Upper
152 100
151 27.7 15.5 23.3
153 22.8 11.0 16.4

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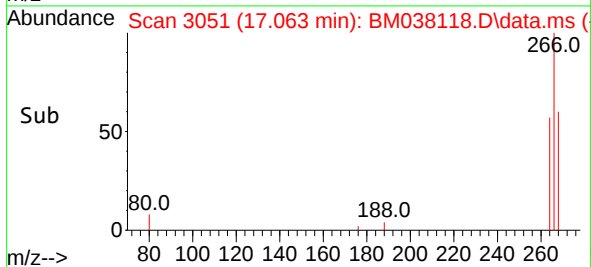
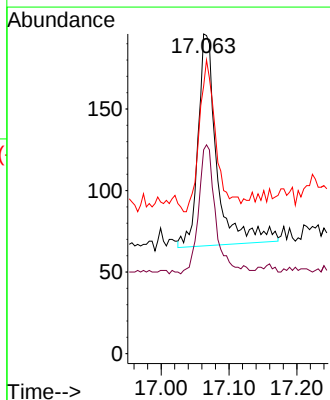
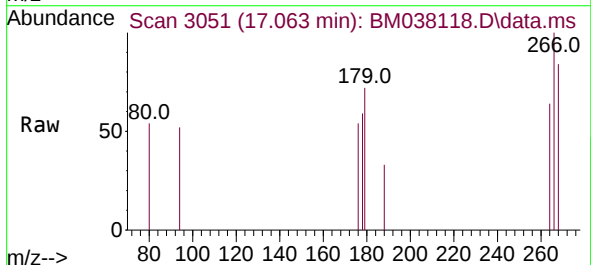
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Supervised By :mohammad
ahmed

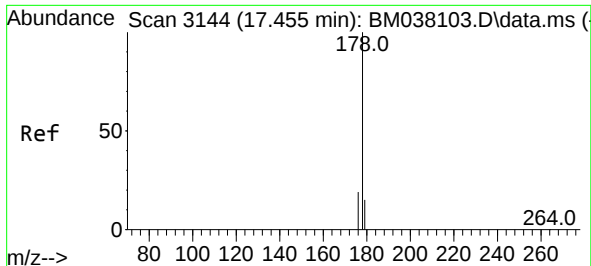
12/20/2022



#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

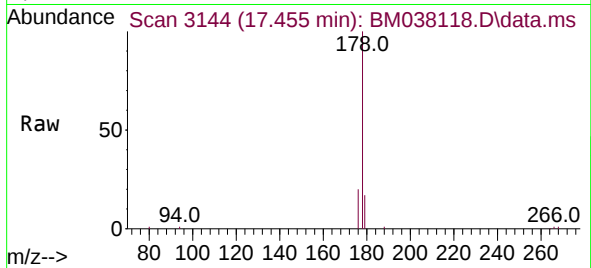
Tgt Ion:266 Resp: 252
Ion Ratio Lower Upper
266 100
264 55.2 49.9 74.9
268 65.1 52.0 78.0





#15
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



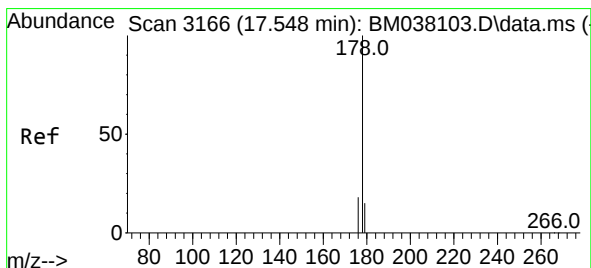
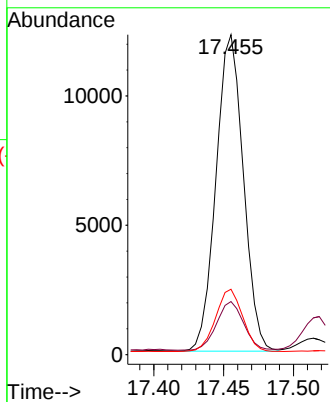
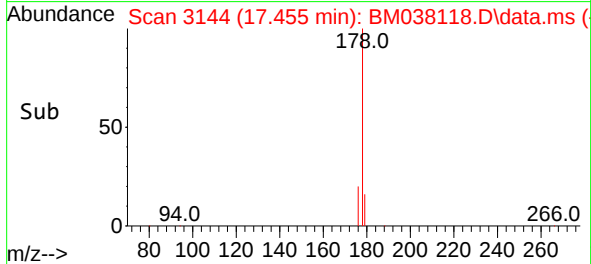
Tgt Ion:178 Resp: 16662
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.4 15.8 23.6

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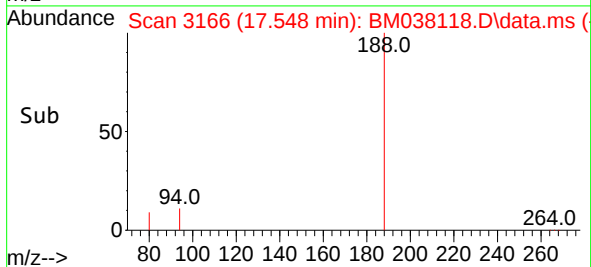
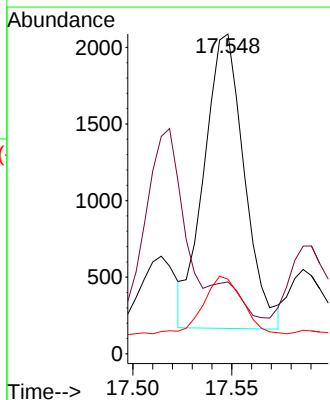
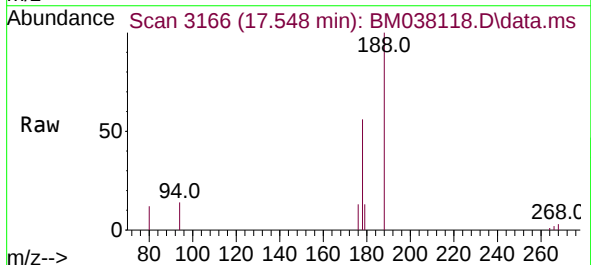
12/20/2022
Supervised By :mohammad
ahmed

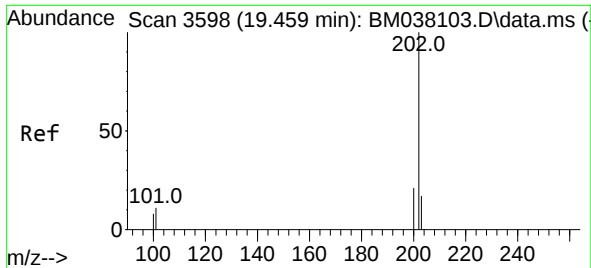
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#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Tgt Ion:178 Resp: 2724
Ion Ratio Lower Upper
178 100
179 22.5 13.0 19.4#
176 23.3 15.0 22.4#





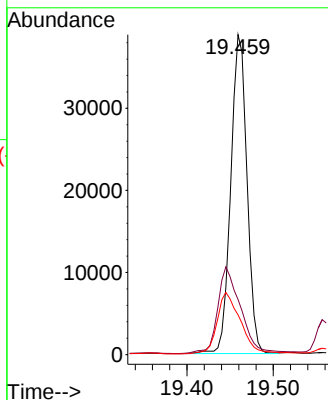
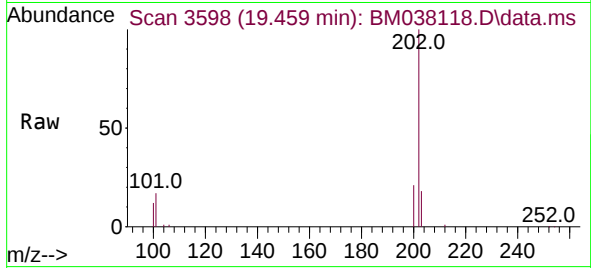
#19
Fluoranthene
Concen: 0.593 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0

Tgt Ion:202 Resp: 50731
Ion Ratio Lower Upper
202 100
101 17.2 10.6 15.8
100 12.4 7.9 11.9

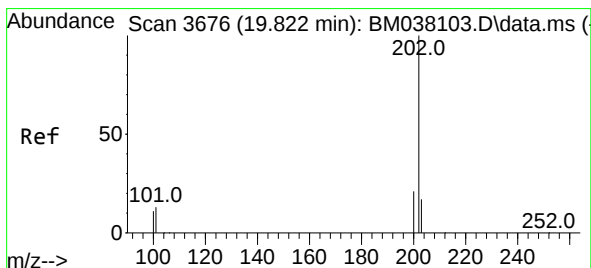
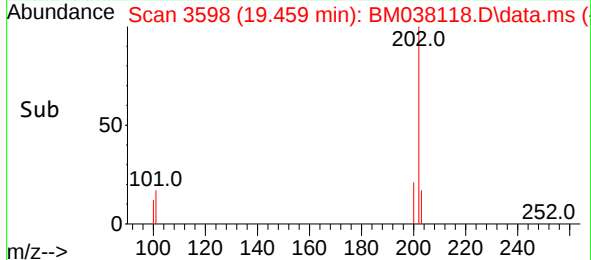
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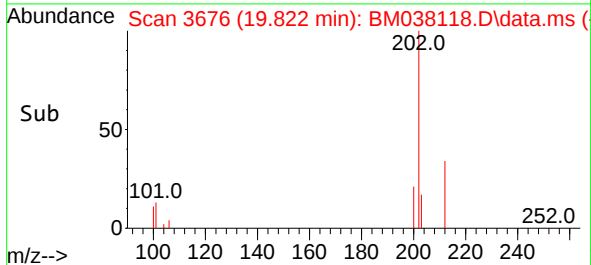
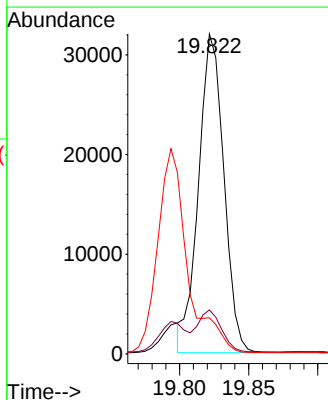
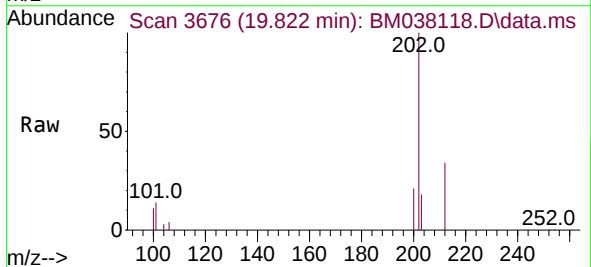
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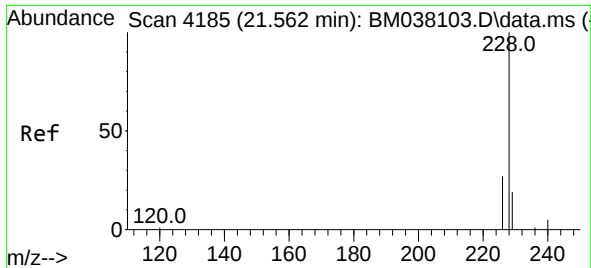
12/20/2022



#20
Pyrene
Concen: 0.467 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

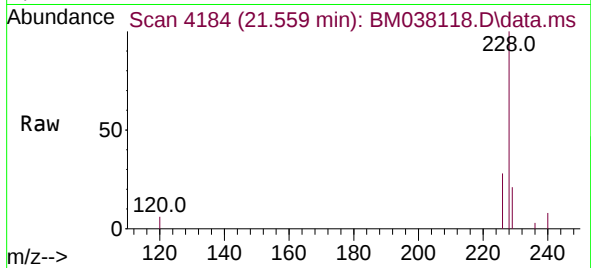
Tgt Ion:202 Resp: 40740
Ion Ratio Lower Upper
202 100
101 13.7 12.1 18.1
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.291 ng/ul
RT: 21.559 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



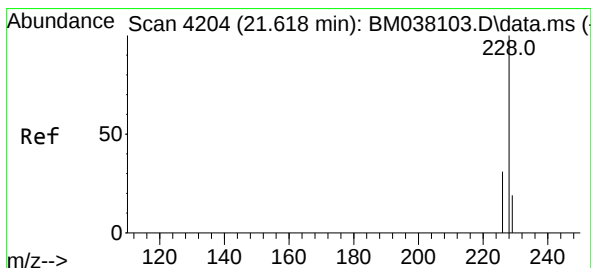
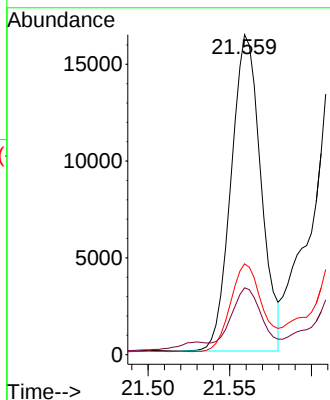
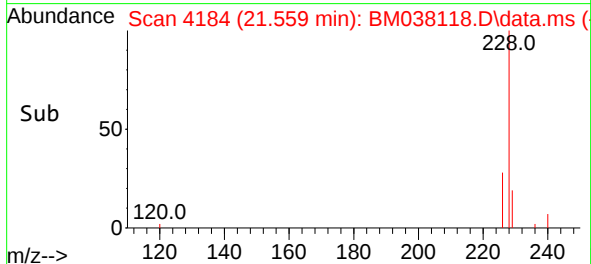
Tgt Ion:228 Resp: 20811
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 28.4 22.1 33.1

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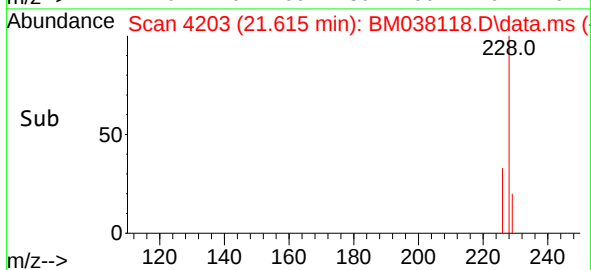
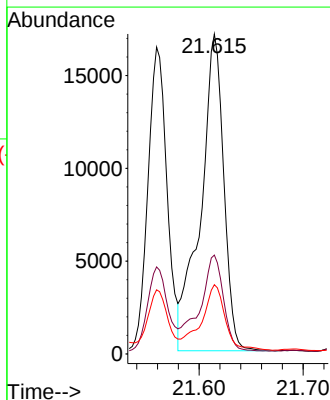
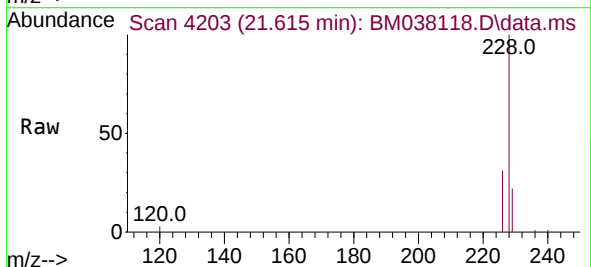
12/20/2022
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ahmed

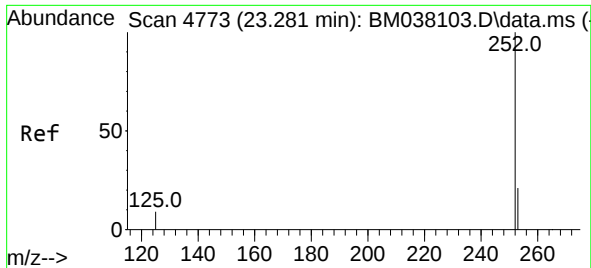
12/20/2022



#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

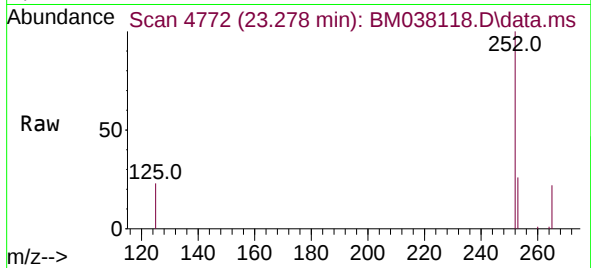
Tgt Ion:228 Resp: 26423
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.507 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



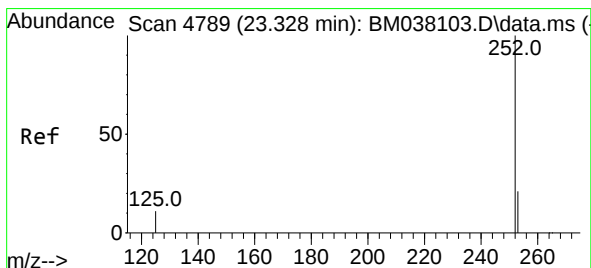
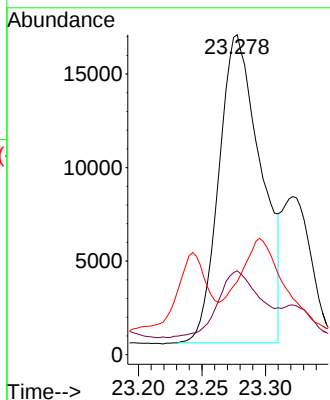
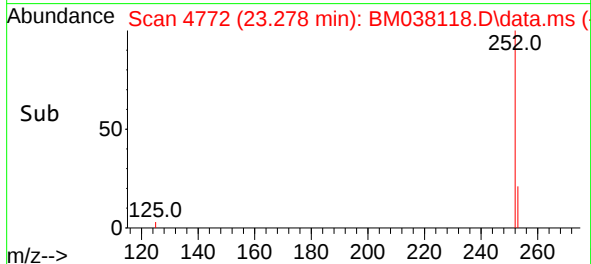
Tgt Ion:252 Resp: 37864
Ion Ratio Lower Upper
252 100
253 26.2 0.0 51.8
125 22.8 0.0 42.2

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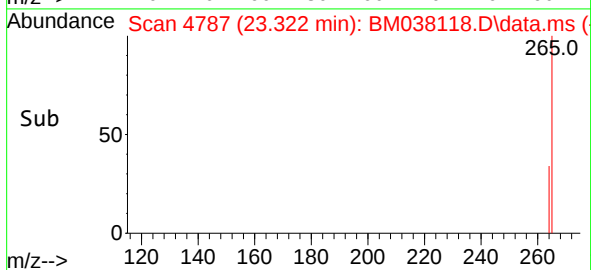
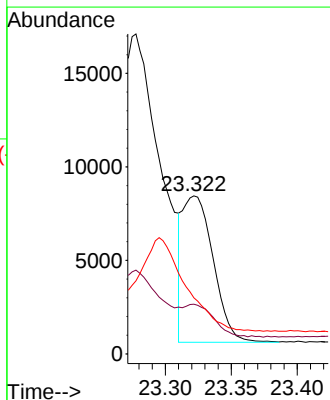
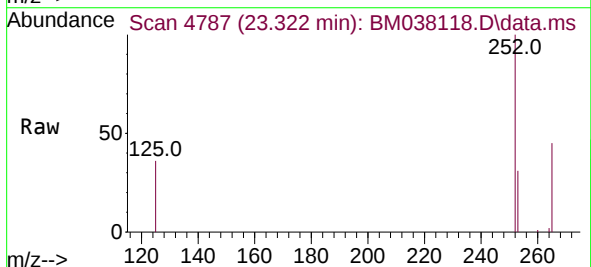
12/20/2022
Supervised By :mohammad
ahmed

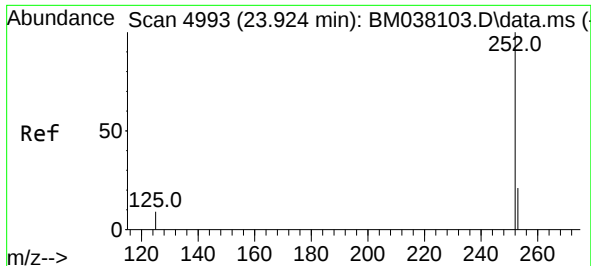
12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

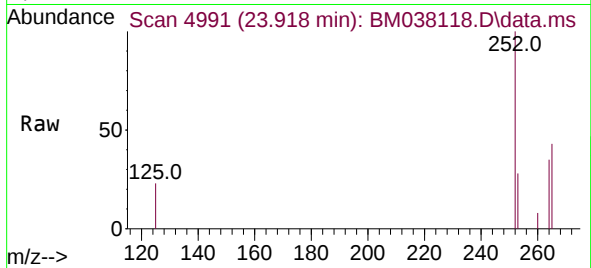
Tgt Ion:252 Resp: 12626
Ion Ratio Lower Upper
252 100
253 31.5 20.8 31.2#
125 35.6 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
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ClientSampleId :
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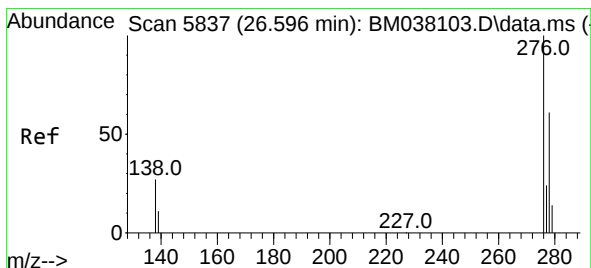
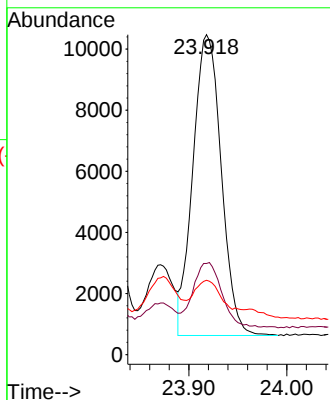
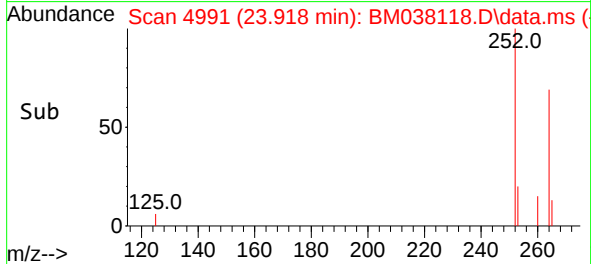
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Ion Ratio Lower Upper
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125 23.2 20.7 31.1

Manual Integrations
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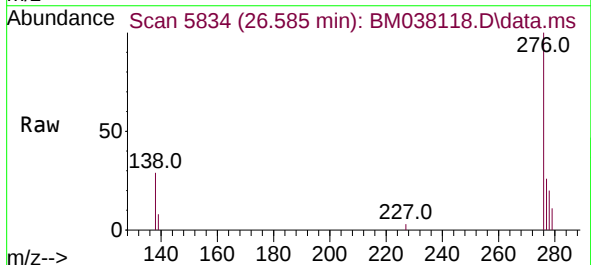
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

12/20/2022
Supervised By :mohammad
ahmed

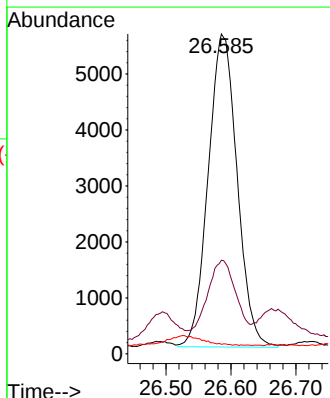
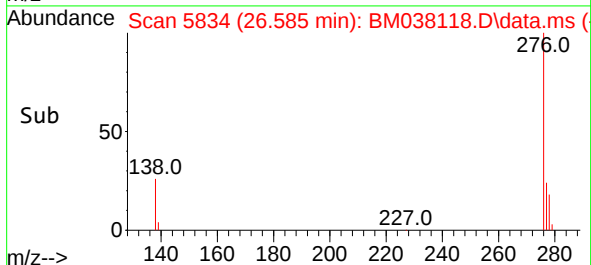
12/20/2022

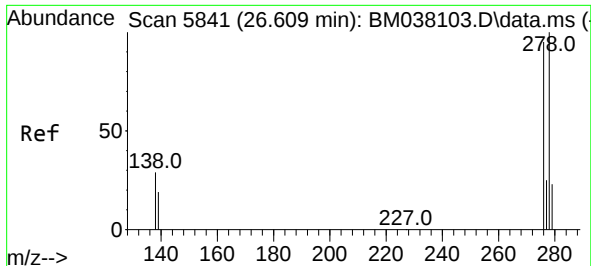


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38



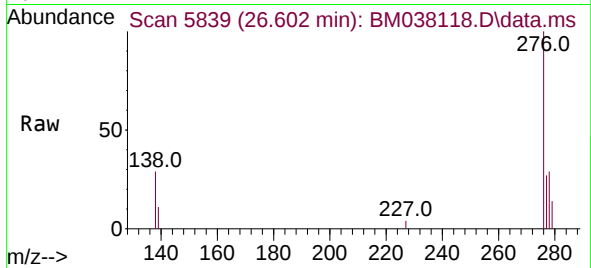
Tgt Ion:276 Resp: 17289
Ion Ratio Lower Upper
276 100
138 26.1 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.602 min Scan# 5841
Delta R.T. -0.014 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Instrument :
BNA_M
ClientSampleId :
DBYA0



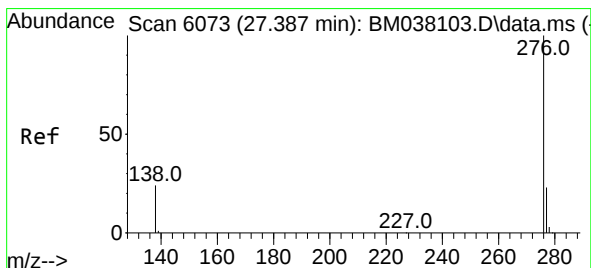
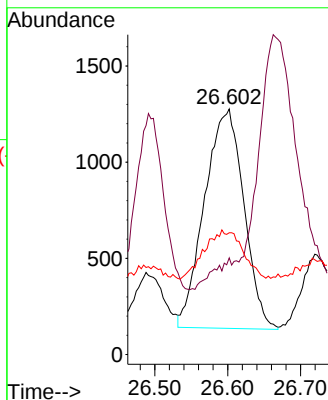
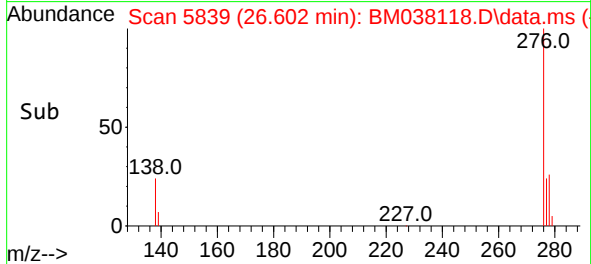
Tgt Ion: 278 Resp: 4265
Ion Ratio Lower Upper
278 100
139 39.4 19.0 28.6
279 49.6 22.4 33.6

Manual Integrations
APPROVED

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ahmed

12/20/2022



#29
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 27.383 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038118.D
Acq: 20 Dec 2022 00:38

Tgt Ion: 276 Resp: 12877
Ion Ratio Lower Upper
276 100
138 30.8 24.1 36.1
277 25.8 19.0 28.6

