

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030582.D
 Acq On : 24 Jun 2021 19:16
 Operator : CG/JU
 Sample : M2662-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB4

Manual Integrations
 APPROVED

mohammad
 6/25/2021 1:08:41 PM

Quant Time: Jun 25 02:26:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3473	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	14254	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9023	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	18273	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	16428	0.400	ng/ul	0.00
23) Perylene-d12	23.586	264	17621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	12634	3.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	4943	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	12834	0.255	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	3095	0.073	ng/ul#	95
10) Acenaphthylene	14.144	152	1256	0.030	ng/ul#	85
12) Fluorene	15.471	166	1004	0.026	ng/ul#	93
15) Phenanthrene	17.204	178	13585	0.209	ng/ul	97
16) Anthracene	17.294	178	6671	0.117	ng/ul#	93
19) Fluoranthene	19.214	202	35235	0.467	ng/ul	100
20) Pyrene	19.573	202	32514	0.420	ng/ul	98
21) Benzo(a)anthracene	21.311	228	17442	0.267	ng/ul	96
22) Chrysene	21.365	228	14671	0.203	ng/ul	97
24) Benzo(b)fluoranthene	22.910	252	16566m	0.216	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	7221m	0.090	ng/ul	
26) Benzo(a)pyrene	23.484	252	12982	0.191	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.870	276	6098	0.071	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.873	278	1519	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	26.568	276	4918	0.066	ng/ul#	85

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

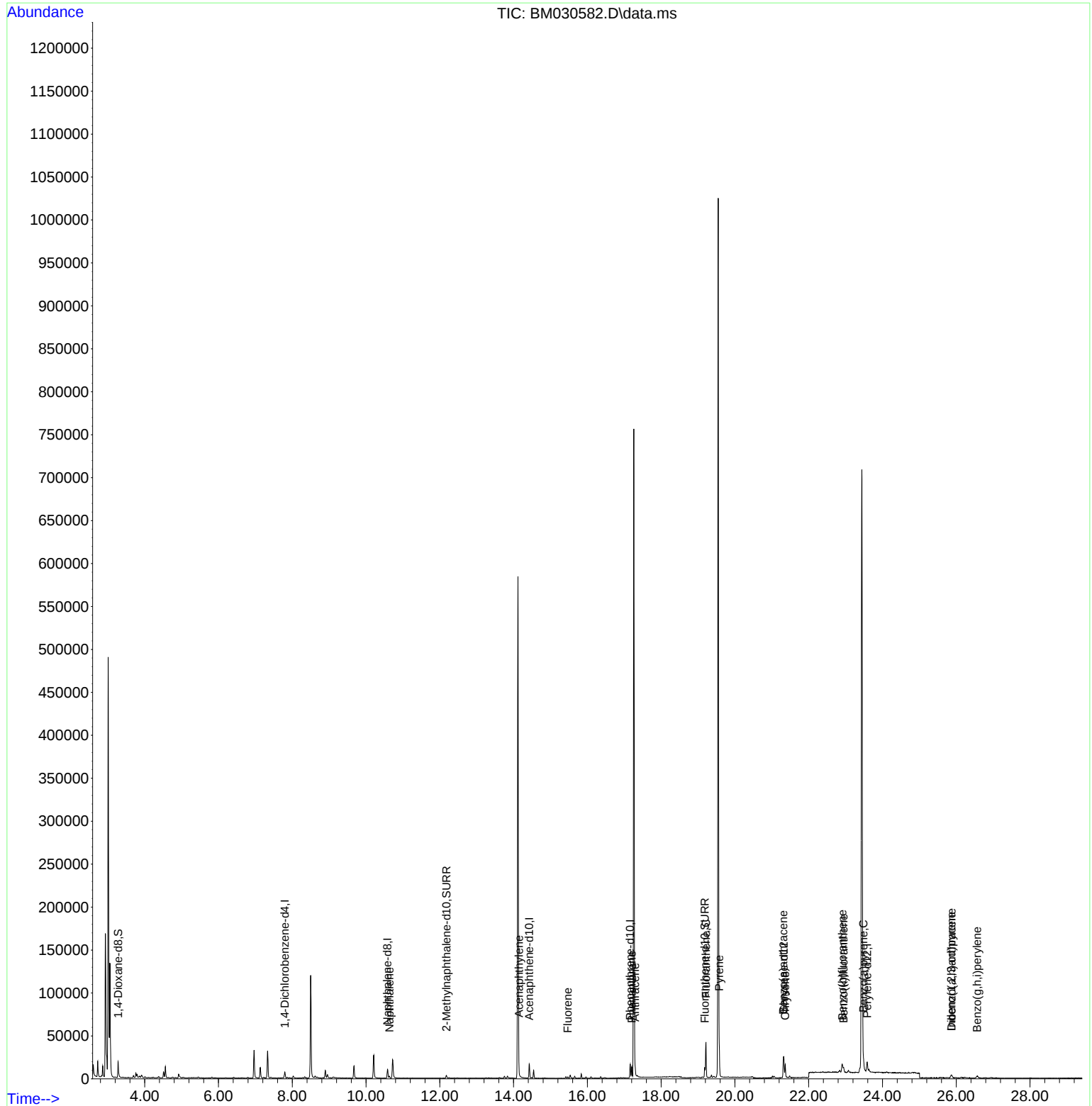
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030582.D
Acq On : 24 Jun 2021 19:16
Operator : CG/JU
Sample : M2662-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

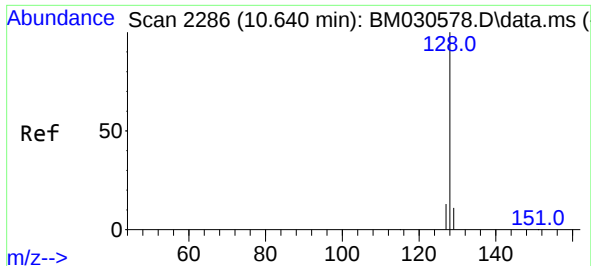
Instrument :
BNA_M
ClientSampleId :
BGDB4

Manual Integrations
APPROVED

mohammad
6/25/2021 1:08:41 PM

Quant Time: Jun 25 02:26:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration





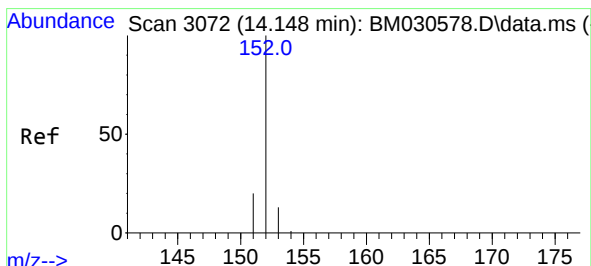
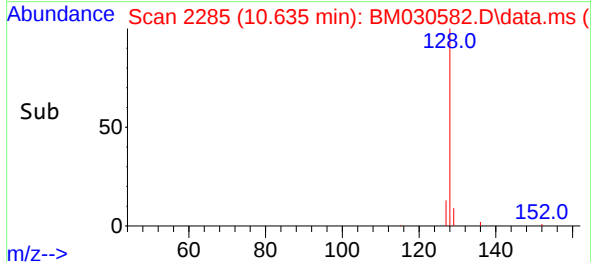
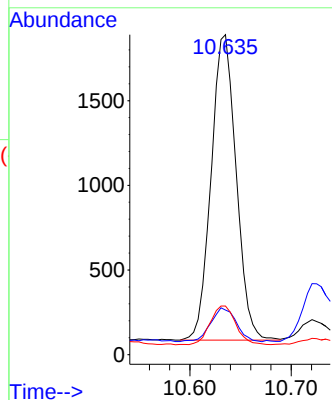
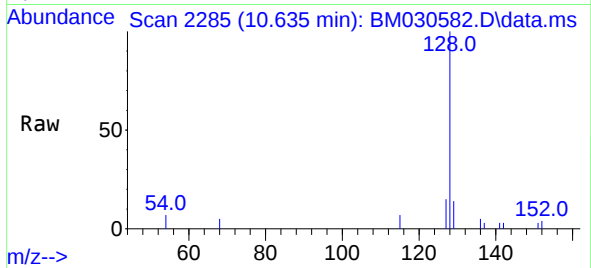
#5
Naphthalene
Concen: 0.073 ng/u1
RT: 10.635 min Scan# 2285
Delta R.T. -0.004 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:	128	Resp:	3095
Ion Ratio	Lower	Upper	
128	100		
129	13.9	9.0	13.6#
127	15.2	10.9	16.3

Instrument :
BNA_M
ClientSampled :
BGDB4

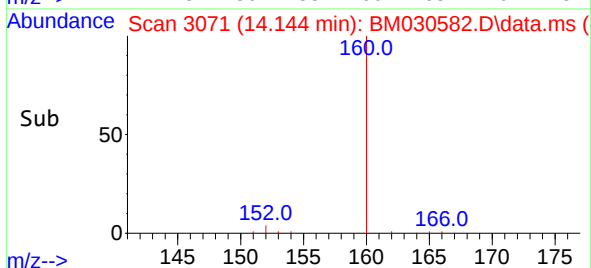
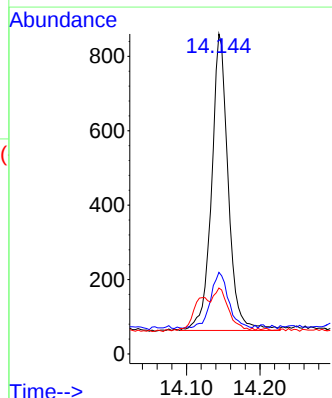
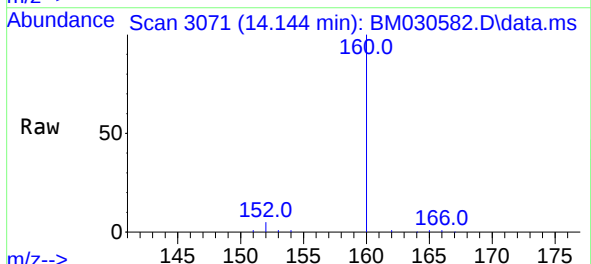
Manual Integrations
APPROVED

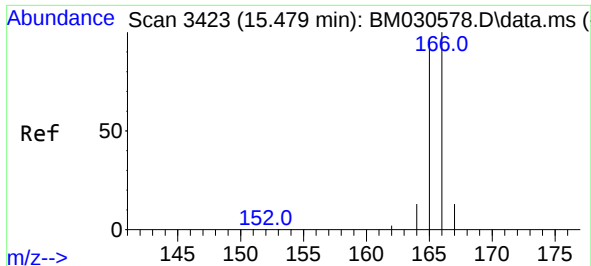
mohammad
6/25/2021 1:08:41 PM



#10
Acenaphthylene
Concen: 0.030 ng/u1
RT: 14.144 min Scan# 3071
Delta R.T. -0.007 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:	152	Resp:	1256
Ion Ratio	Lower	Upper	
152	100		
151	25.5	15.5	23.3#
153	20.6	10.7	16.1#





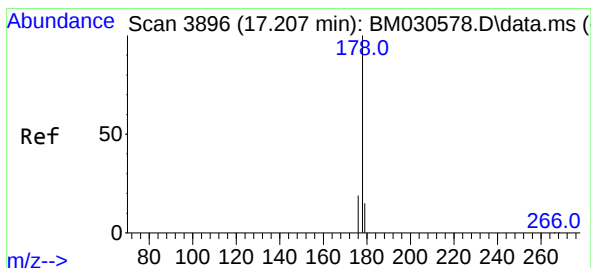
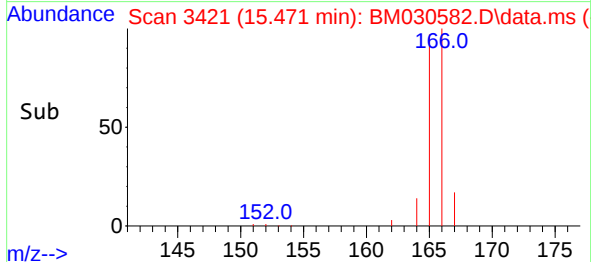
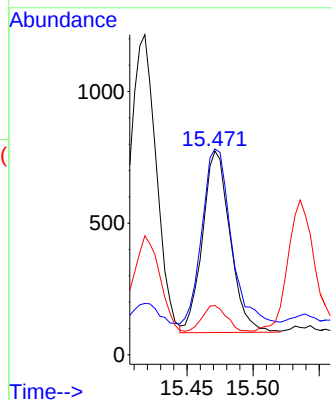
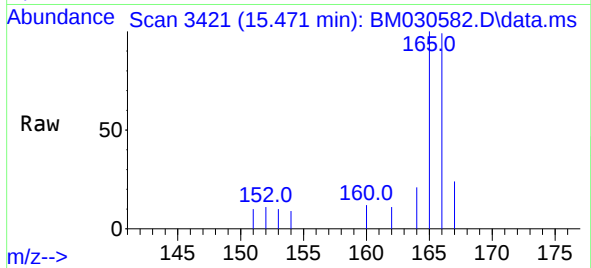
#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.471 min Scan# 3421
Delta R.T. -0.007 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Instrument :
BNA_M
ClientSampled :
BGDB4

Tgt Ion:166 Resp: 1004
Ion Ratio Lower Upper
166 100
165 101.0 77.7 116.5
167 24.2 11.3 16.9#

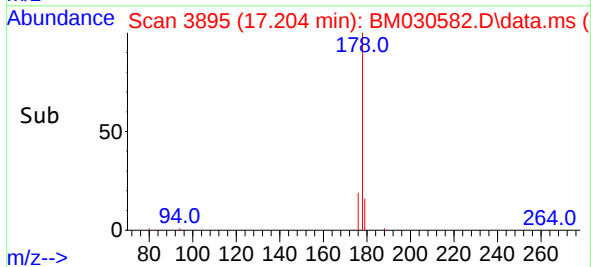
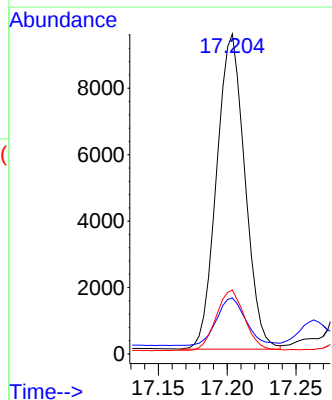
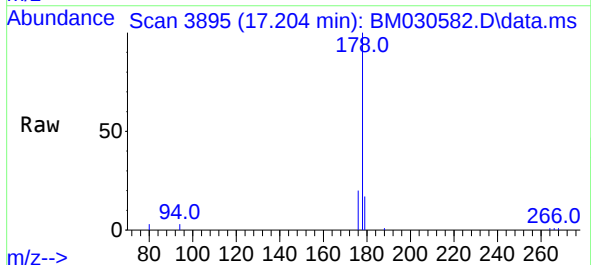
Manual Integrations
APPROVED

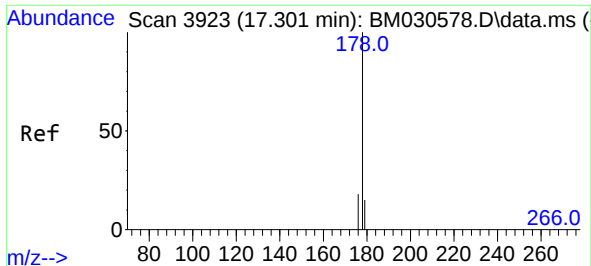
mohammad
6/25/2021 1:08:41 PM



#15
Phenanthrene
Concen: 0.209 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

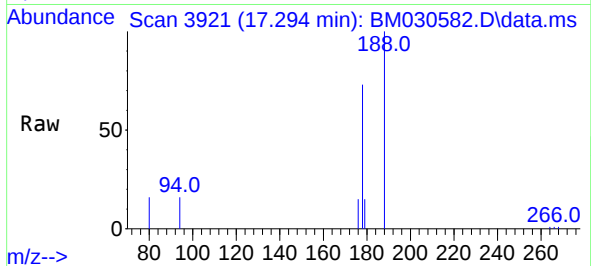
Tgt Ion:178 Resp: 13585
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 20.0 15.5 23.3





#16
 Anthracene
 Concen: 0.117 ng/ul
 RT: 17.294 min Scan# 3921
 Delta R.T. -0.007 min
 Lab File: BM030582.D
 Acq: 24 Jun 2021 19:16

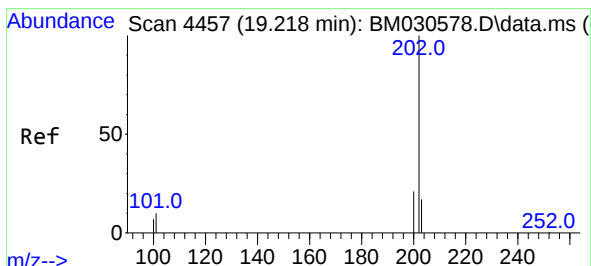
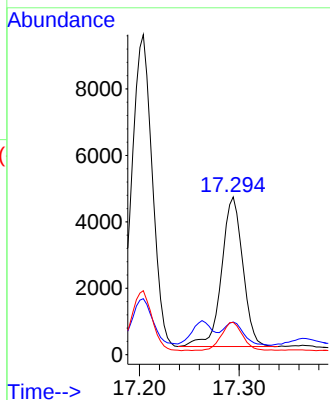
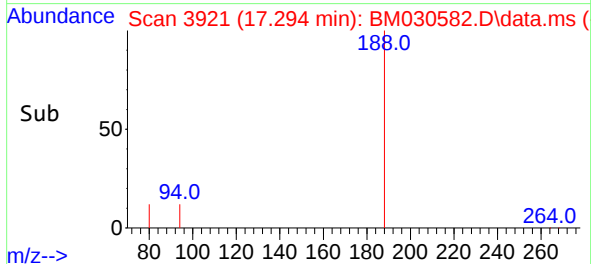
Instrument :
 BNA_M
 ClientSampled :
 BGDB4



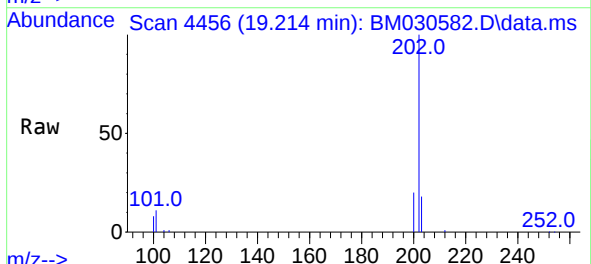
Tgt Ion:178 Resp: 6671
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.7 19.1#
 176 20.5 15.2 22.8

Manual Integrations
 APPROVED

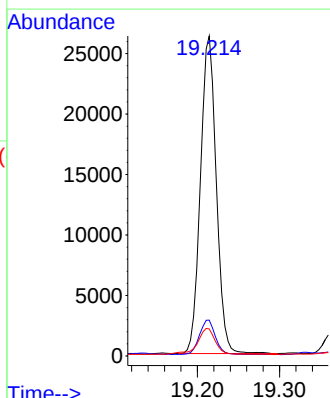
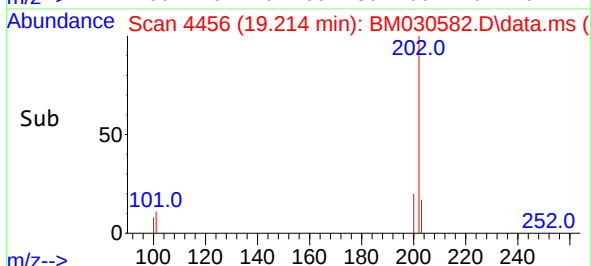
mohammad
 6/25/2021 1:08:41 PM

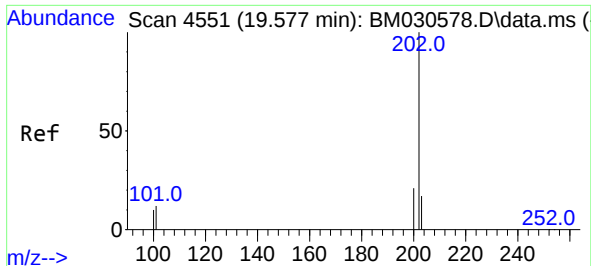


#19
 Fluoranthene
 Concen: 0.467 ng/ul
 RT: 19.214 min Scan# 4456
 Delta R.T. -0.004 min
 Lab File: BM030582.D
 Acq: 24 Jun 2021 19:16



Tgt Ion:202 Resp: 35235
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.8 13.2
 100 8.5 6.9 10.3





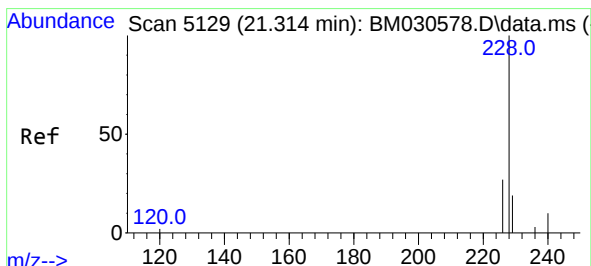
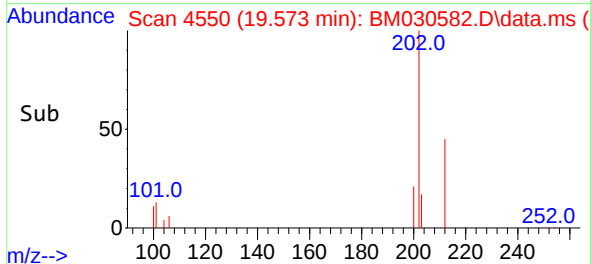
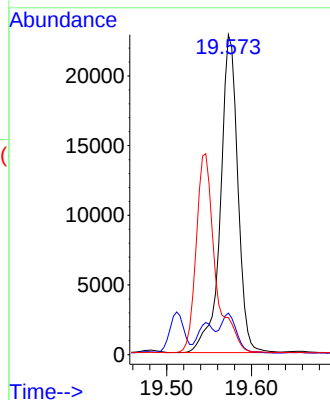
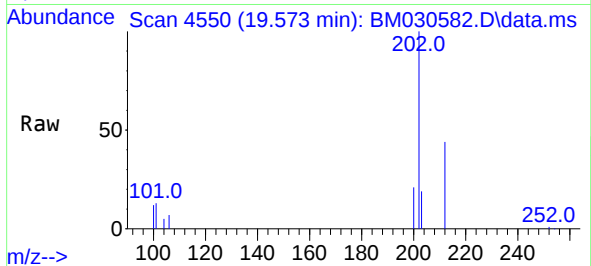
#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.008 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:	202	Resp:	32514
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.1	15.1
100	11.6	8.2	12.2

Instrument :
BNA_M
ClientSampled :
BGDB4

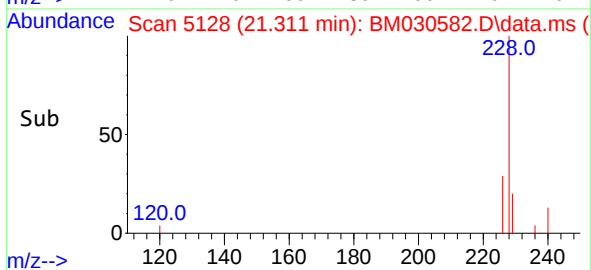
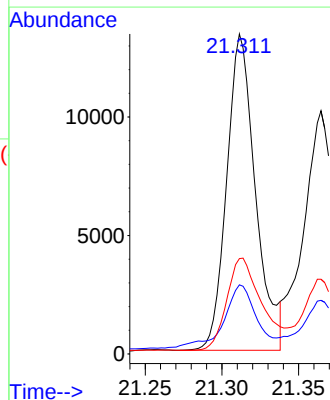
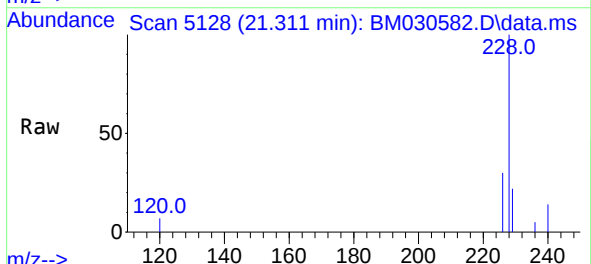
Manual Integrations
APPROVED

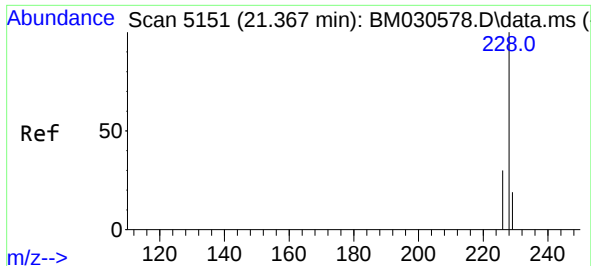
mohammad
6/25/2021 1:08:41 PM



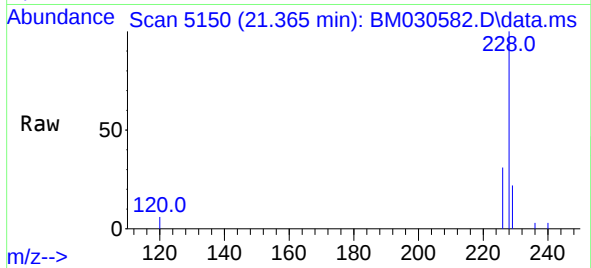
#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.005 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:	228	Resp:	17442
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.8	23.6
226	29.8	22.2	33.4

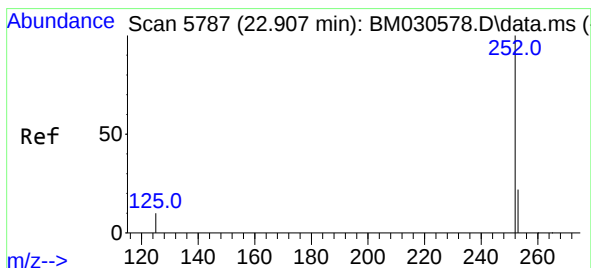
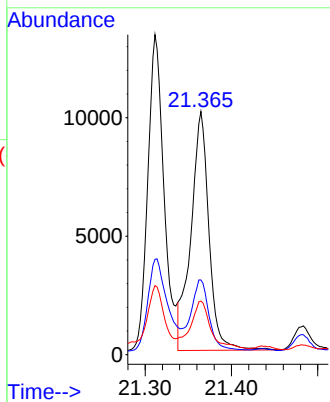
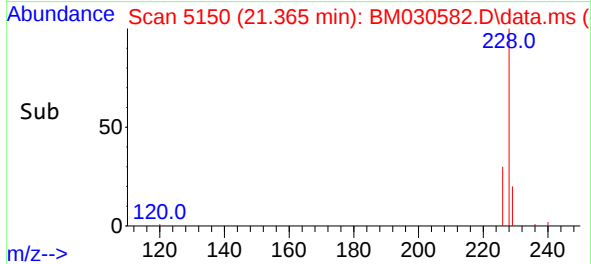




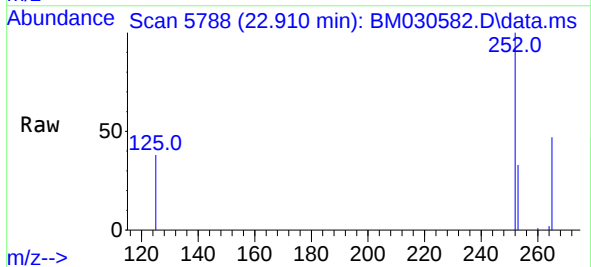
#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.365 min Scan# 5150
Delta R.T. -0.002 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16



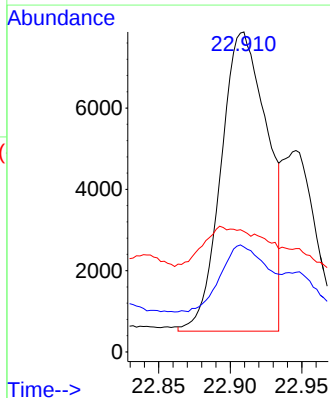
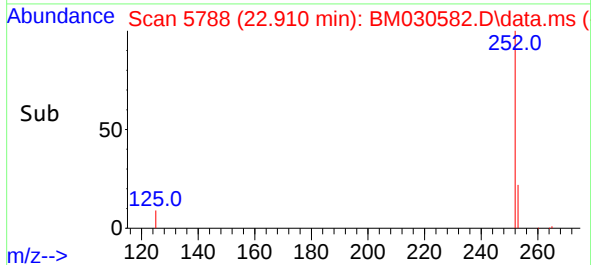
Tgt Ion:228 Resp: 14671
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 22.0 15.4 23.0



#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.910 min Scan# 5788
Delta R.T. 0.003 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16



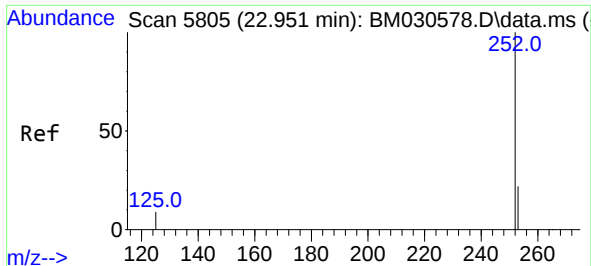
Tgt Ion:252 Resp: 16566
Ion Ratio Lower Upper
252 100
253 32.8 0.0 50.2
125 37.7 0.0 27.8#



Instrument :
BNA_M
ClientSampled :
BGDB4

Manual Integrations
APPROVED

mohammad
6/25/2021 1:08:41 PM



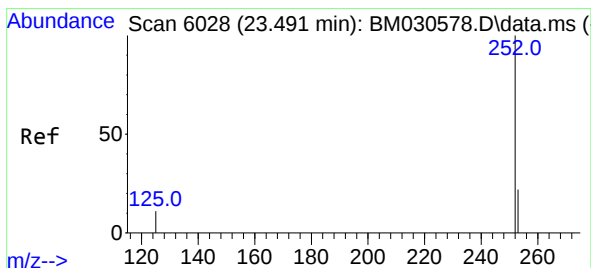
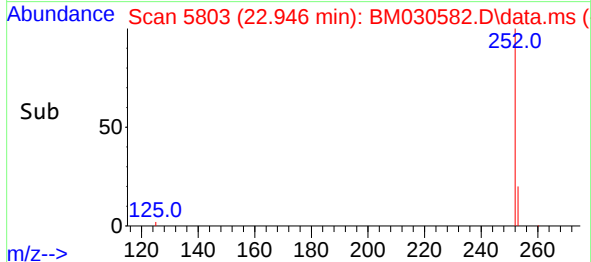
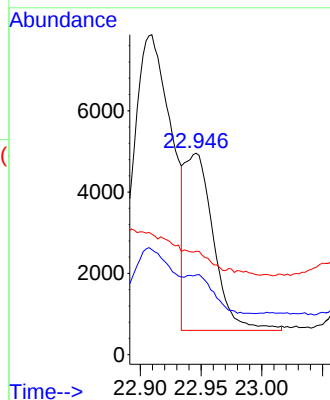
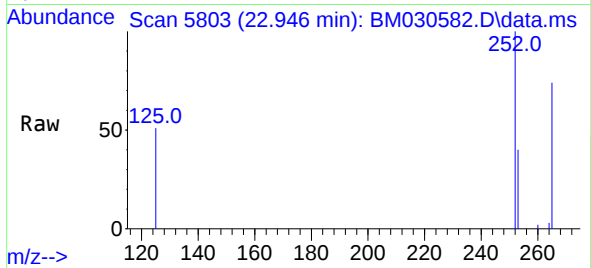
#25
Benzo(k)fluoranthene
Concen: 0.090 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:252 Resp: 7221
Ion Ratio Lower Upper
252 100
253 39.5 20.6 31.0#
125 51.3 11.0 16.4#

Instrument :
BNA_M
ClientSampled :
BGDB4

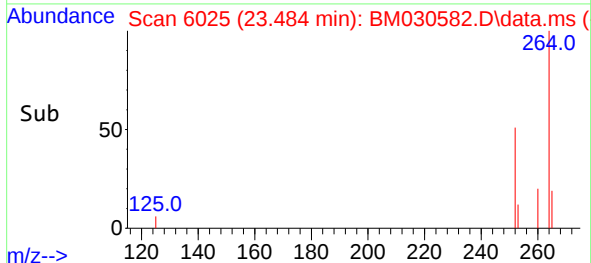
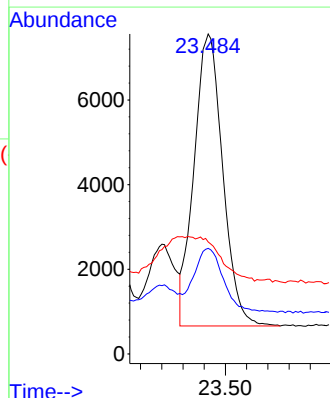
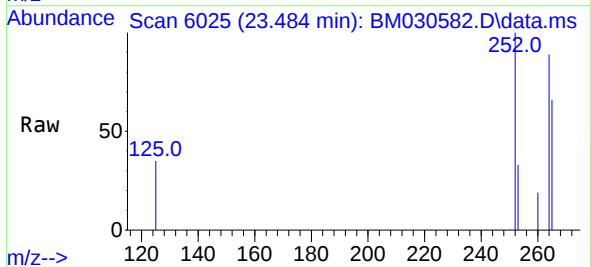
Manual Integrations
APPROVED

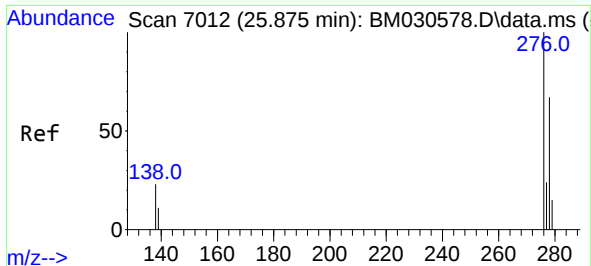
mohammad
6/25/2021 1:08:41 PM



#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.007 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:252 Resp: 12982
Ion Ratio Lower Upper
252 100
253 33.0 22.0 33.0#
125 35.0 13.4 20.2#





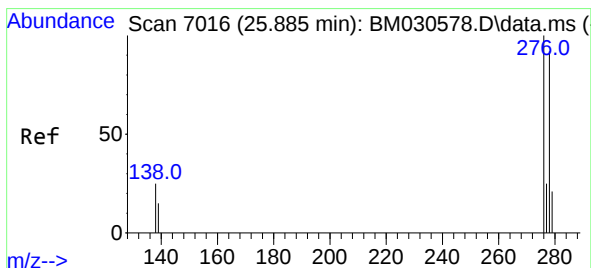
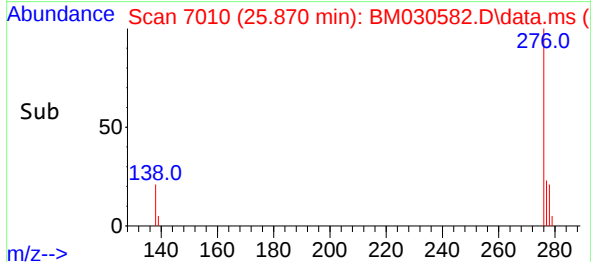
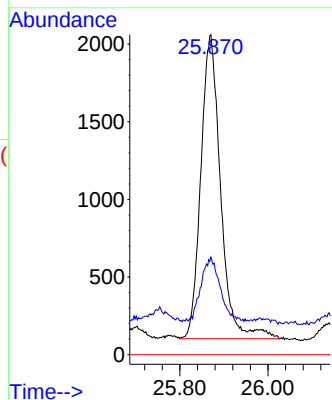
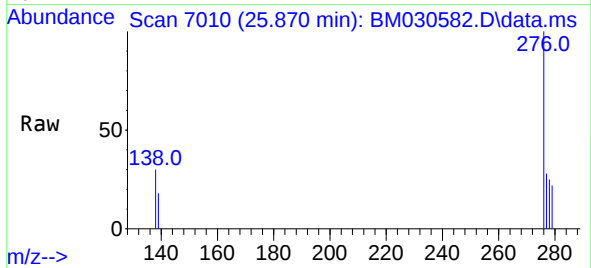
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.002 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion:276 Resp: 6098
Ion Ratio Lower Upper
276 100
138 20.1 19.1 28.7
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
BGDB4

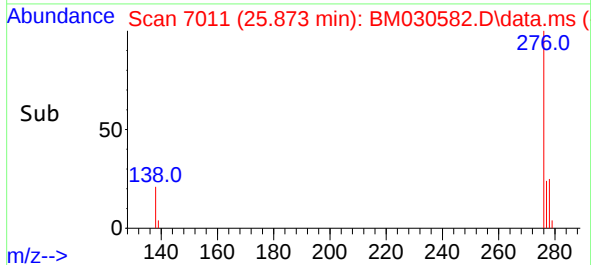
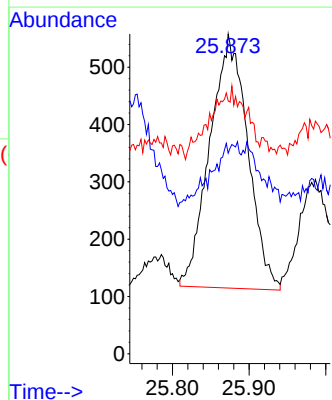
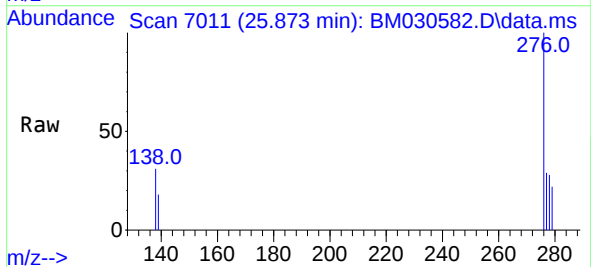
Manual Integrations
APPROVED

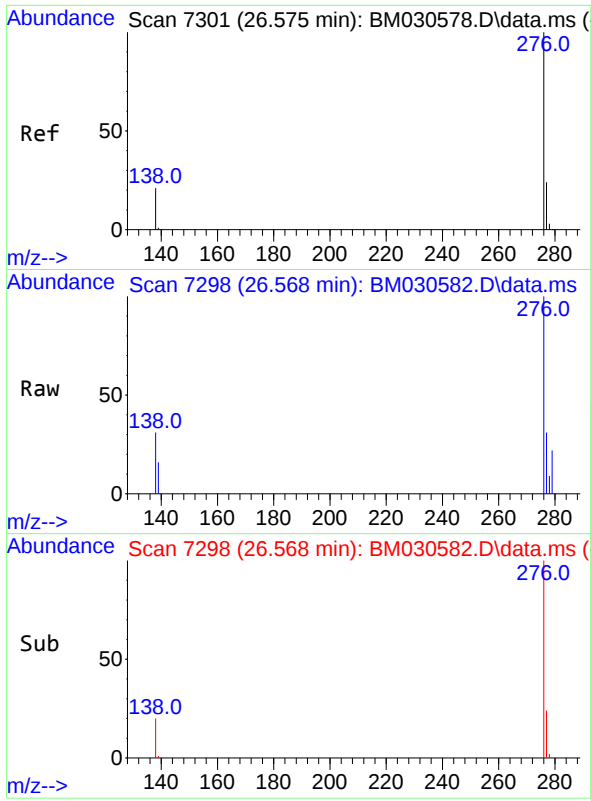
mohammad
6/25/2021 1:08:41 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. -0.014 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

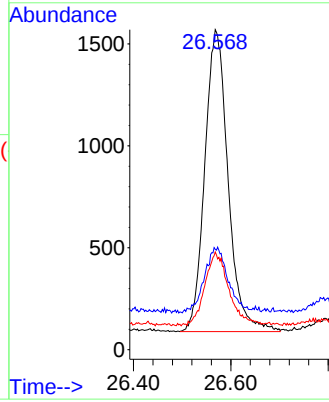
Tgt Ion:278 Resp: 1519
Ion Ratio Lower Upper
278 100
139 62.7 14.2 21.4#
279 79.0 21.6 32.4#





#29
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. -0.002 min
Lab File: BM030582.D
Acq: 24 Jun 2021 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	18.0	27.0#
277	30.6	19.5	29.3#



Instrument :
BNA_M
ClientSampled :
BGDB4

Manual Integrations
APPROVED

mohammad
6/25/2021 1:08:41 PM