

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031376.D
 Acq On : 02 Aug 2021 15:27
 Operator : CG/JU
 Sample : M3123-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0071

Manual Integrations
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mohammad
 8/3/2021 11:50:31 AM

Quant Time: Aug 02 15:58:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	1612	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6070	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.231	164	3745	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6774	0.400	ng/ul #	0.00
17) Chrysene-d12	21.171	240	5210	0.400	ng/ul #	0.00
23) Perylene-d12	23.336	264	4949	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1811	1.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1194	0.117	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2388	0.137	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	2513	0.139	ng/ul	94
7) 2-Methylnaphthalene	12.034	142	7362	0.596	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	6601	0.541	ng/ul	99
11) Acenaphthene	14.322	153	942m	0.070	ng/ul	
12) Fluorene	15.285	166	2263	0.146	ng/ul#	60
15) Phenanthrene	17.023	178	36350	1.690	ng/ul	98
19) Fluoranthene	19.046	202	8064	0.362	ng/ul#	91
20) Pyrene	19.405	202	7963	0.353	ng/ul#	91
21) Benzo(a)anthracene	21.159	228	2080	0.099	ng/ul#	29
22) Chrysene	21.207	228	17565	0.807	ng/ul#	91
24) Benzo(b)fluoranthene	22.691	252	6142m	0.275	ng/ul	
25) Benzo(k)fluoranthene	22.735	252	1086m	0.047	ng/ul	
26) Benzo(a)pyrene	23.241	252	1487	0.076	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	25.473	276	1169	0.046	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.490	278	974	0.048	ng/ul#	1

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

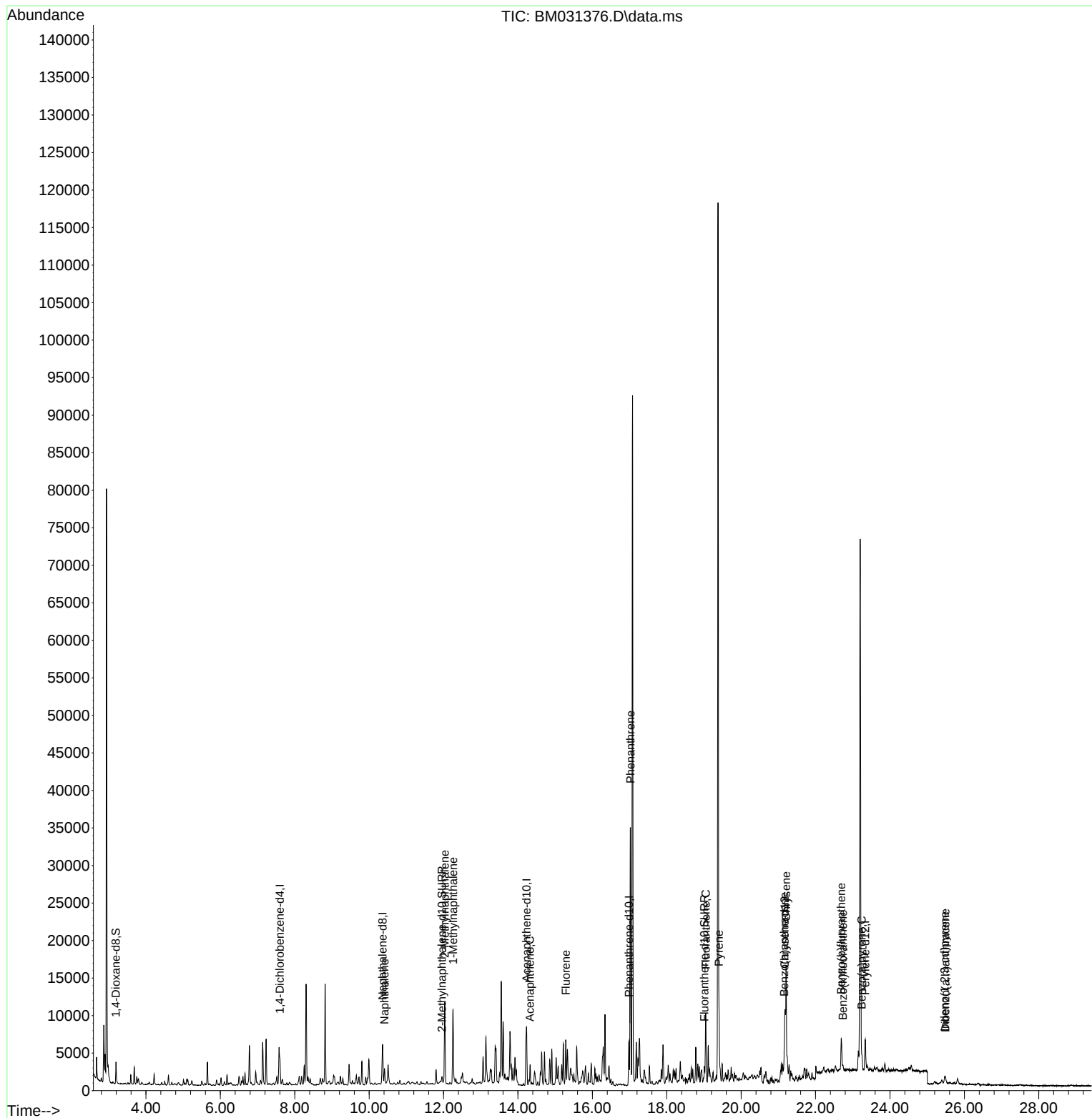
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031376.D
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Operator : CG/JU
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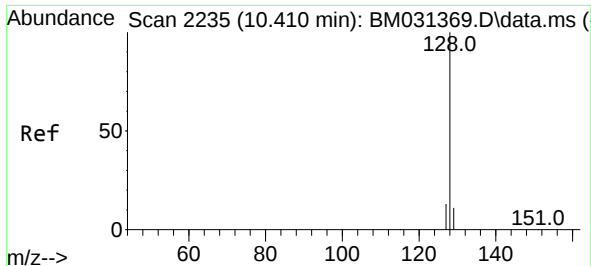
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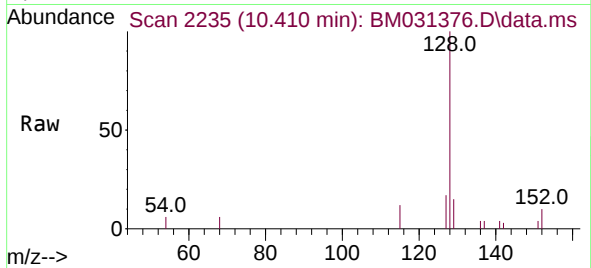
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Quant Time: Aug 02 15:58:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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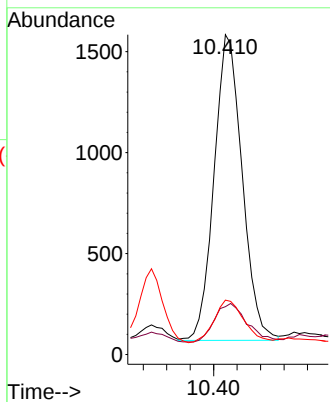
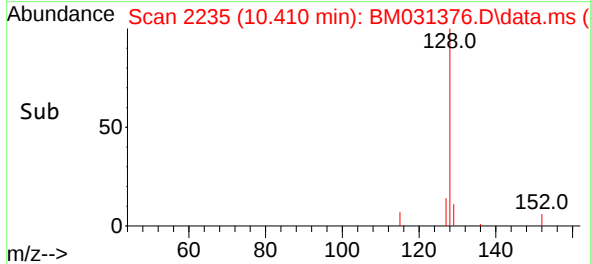




#5
Naphthalene
Concen: 0.139 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



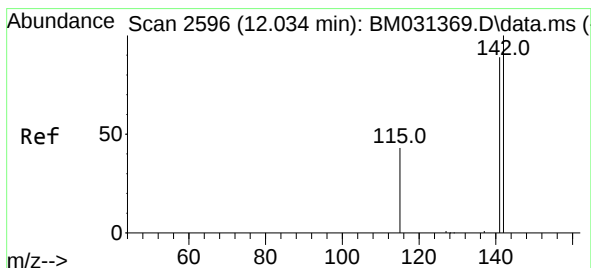
Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.0	10.0	15.0
127	17.0	11.6	17.4



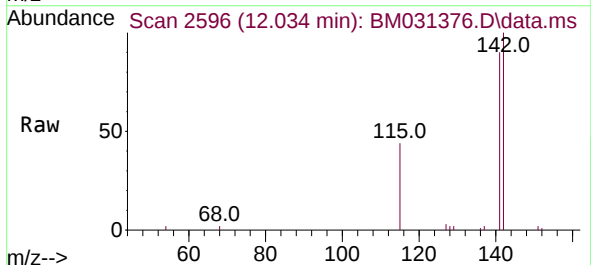
Instrument :
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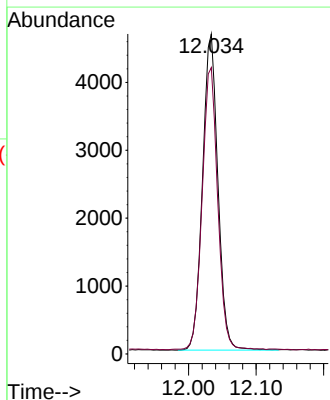
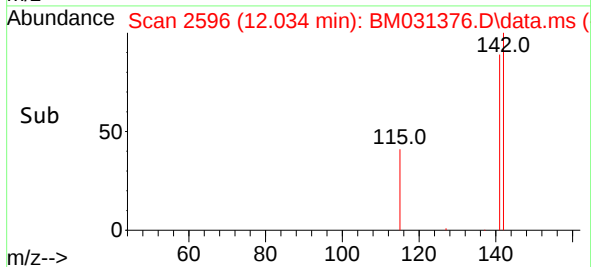
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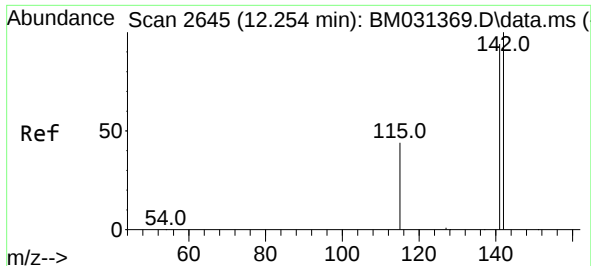


#7
2-Methylnaphthalene
Concen: 0.596 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

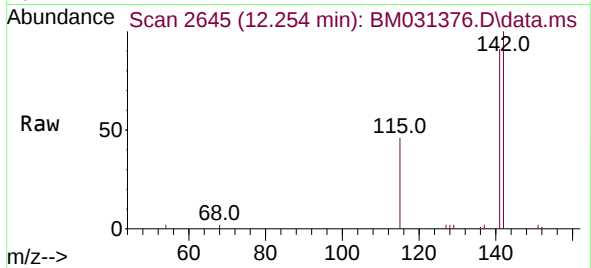


Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.0

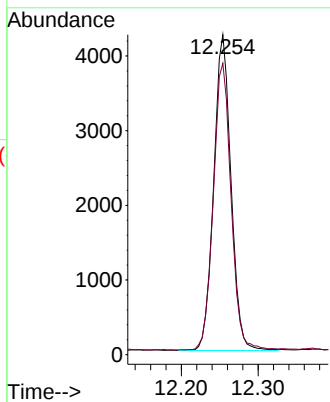
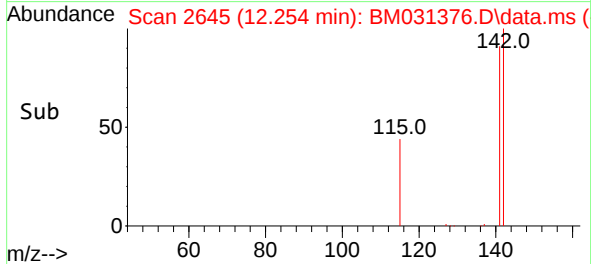




#8
1-Methylnaphthalene
Concen: 0.541 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



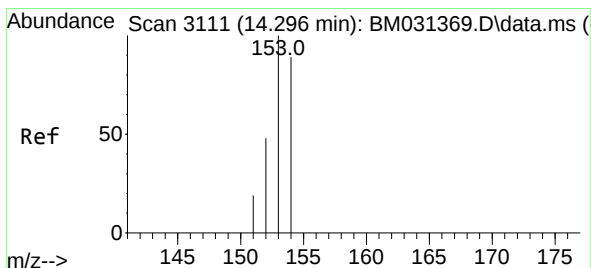
Tgt Ion:142 Resp: 6601
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1



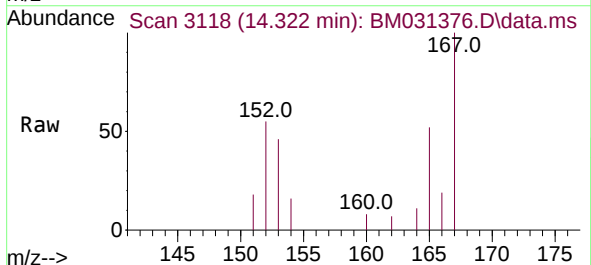
Instrument :
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ClientSampled :
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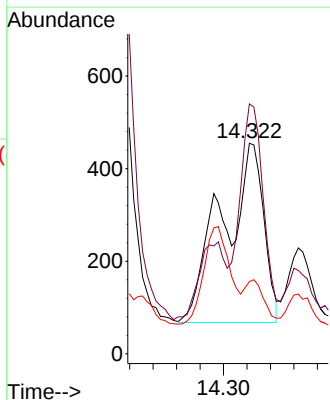
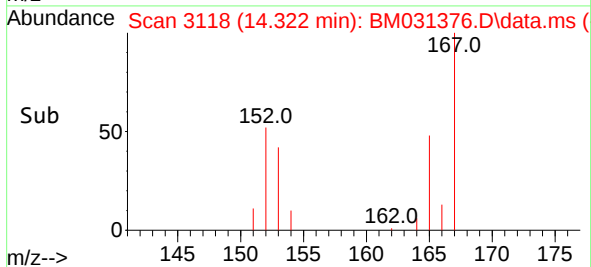
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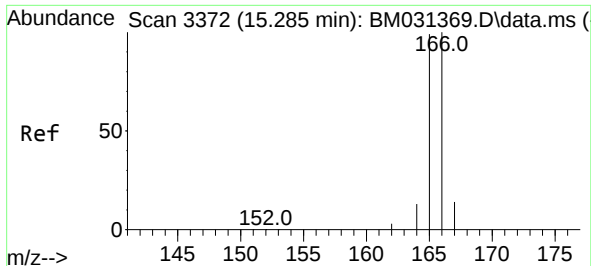


#11
Acenaphthene
Concen: 0.070 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

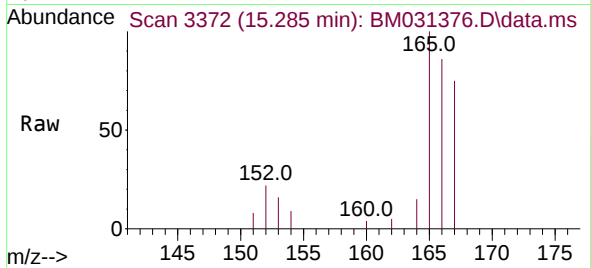


Tgt Ion:153 Resp: 942
Ion Ratio Lower Upper
153 100
152 118.7 40.7 61.1#
154 34.3 70.2 105.2#

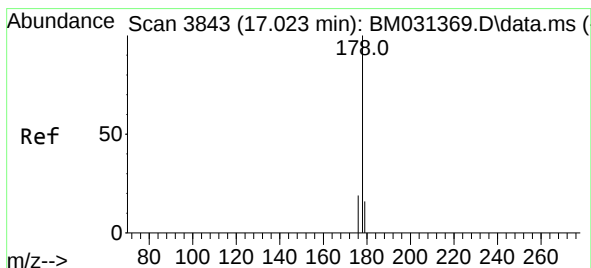
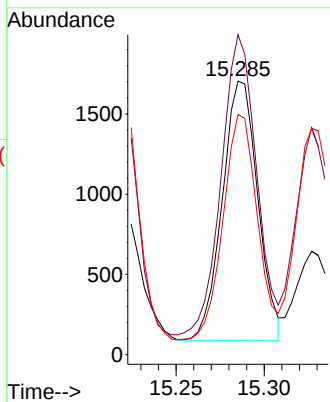
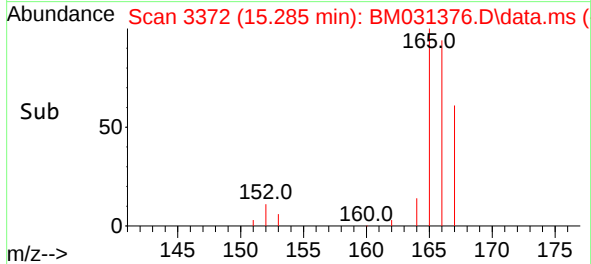




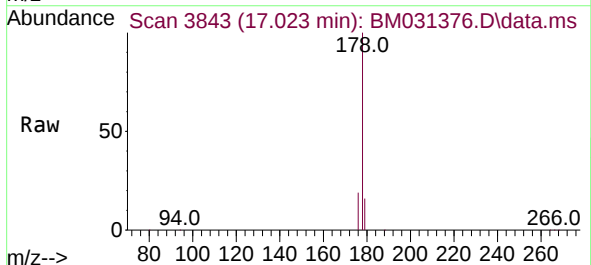
#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



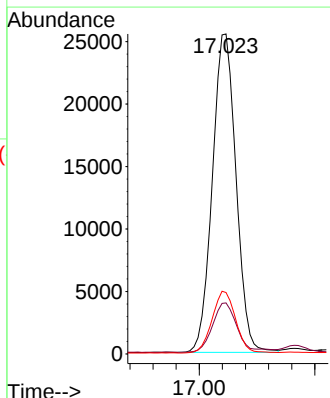
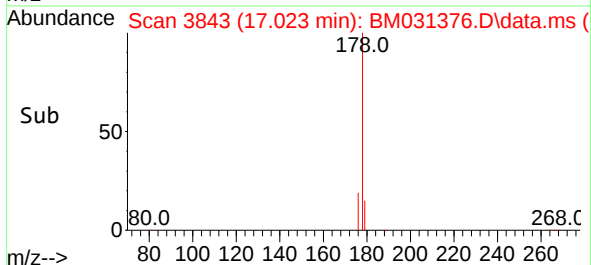
Tgt Ion:166 Resp: 2263
Ion Ratio Lower Upper
166 100
165 117.0 78.0 117.0
167 87.7 12.0 18.0#



#15
Phenanthrene
Concen: 1.690 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



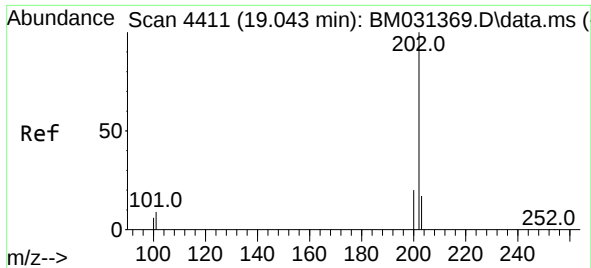
Tgt Ion:178 Resp: 36350
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 16.2 24.4



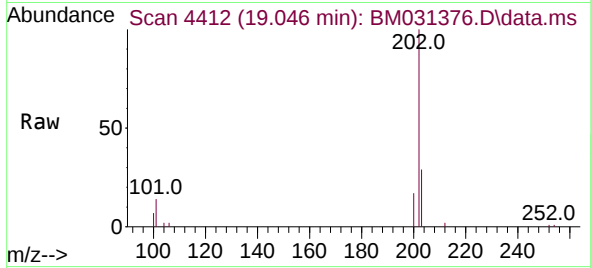
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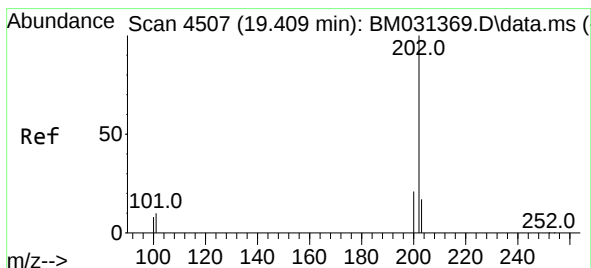
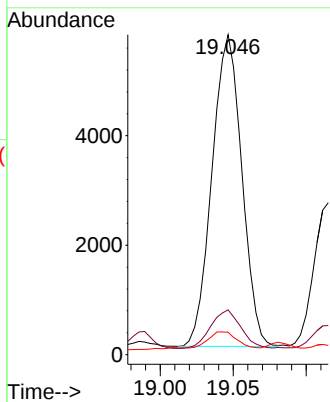
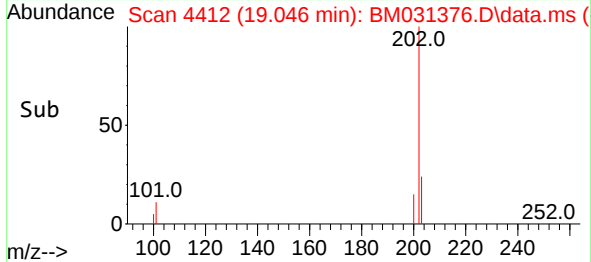
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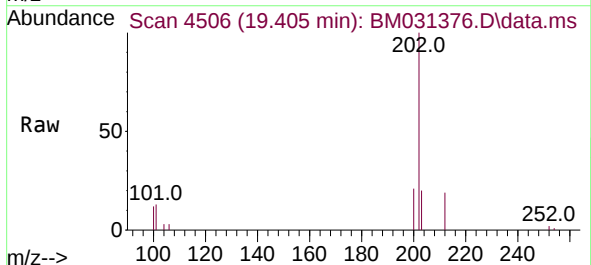
#19
Fluoranthene
Concen: 0.362 ng/uI
RT: 19.046 min Scan# 4412
Delta R.T. 0.004 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



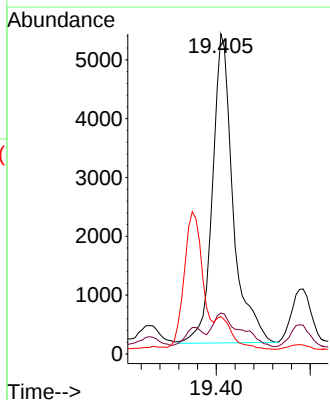
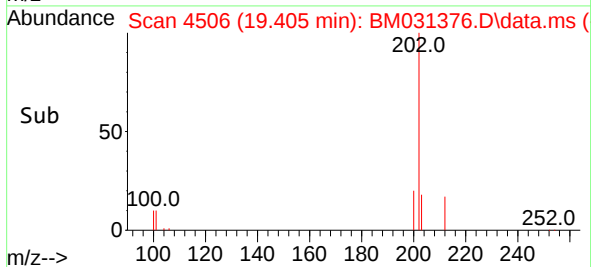
Tgt Ion:202 Resp: 8064
Ion Ratio Lower Upper
202 100
101 14.0 6.6 10.0#
100 7.0 5.4 8.0



#20
Pyrene
Concen: 0.353 ng/uI
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



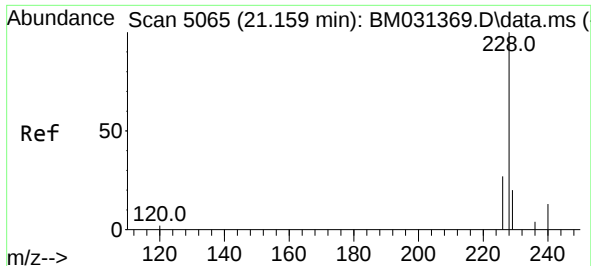
Tgt Ion:202 Resp: 7963
Ion Ratio Lower Upper
202 100
101 12.8 7.8 11.6#
100 11.7 6.6 10.0#



Instrument :
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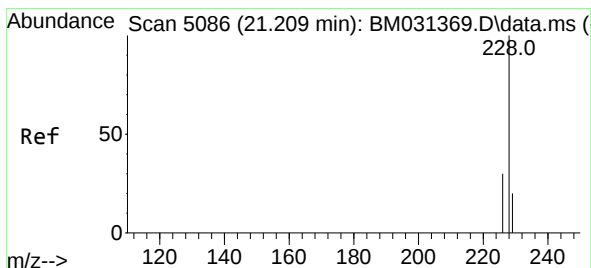
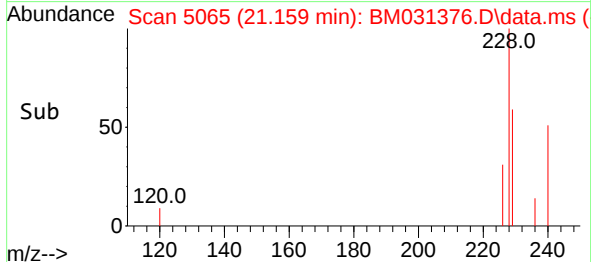
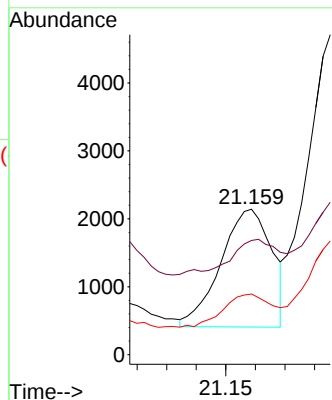
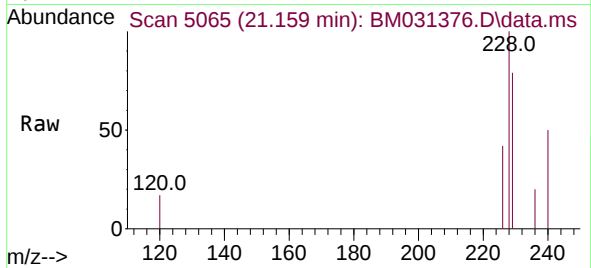
#21
Benzo(a)anthracene
Concen: 0.099 ng/u1
RT: 21.159 min Scan# 5065
Delta R.T. 0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

Tgt Ion:228 Resp: 2080
Ion Ratio Lower Upper
228 100
229 78.6 15.6 23.4#
226 41.7 21.7 32.5#

Instrument :
BNA_M
ClientSampled :
C0071

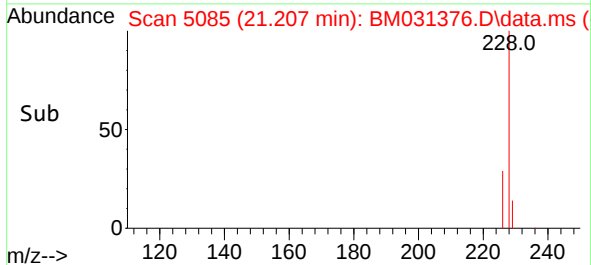
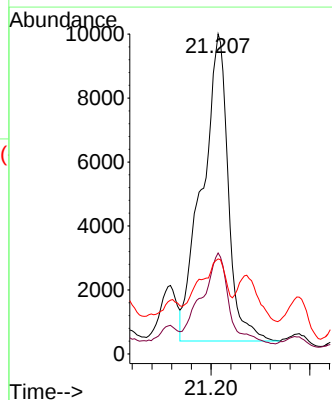
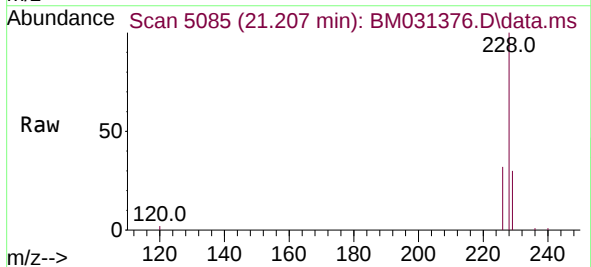
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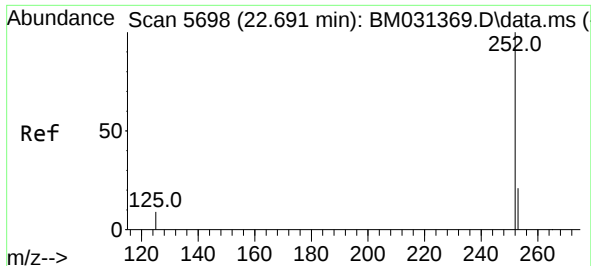
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#22
Chrysene
Concen: 0.807 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

Tgt Ion:228 Resp: 17565
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 29.7 16.2 24.2#





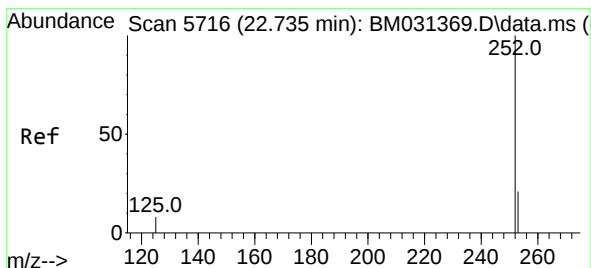
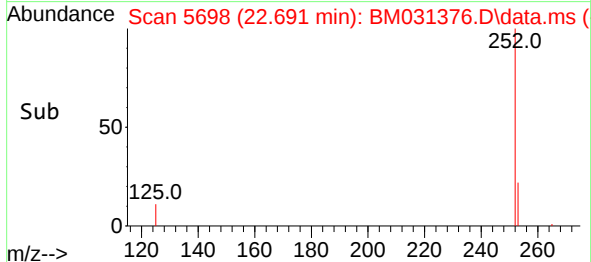
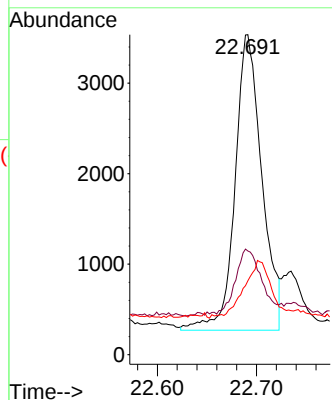
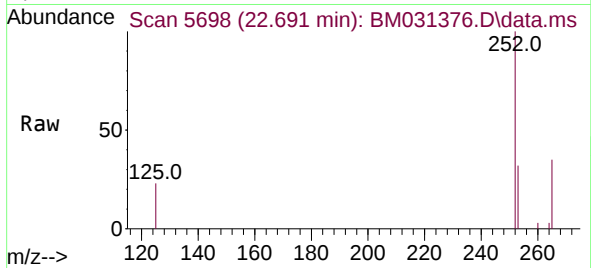
#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

Tgt Ion:252 Resp: 6142
Ion Ratio Lower Upper
252 100
253 32.4 0.0 53.0
125 23.1 0.0 22.8#

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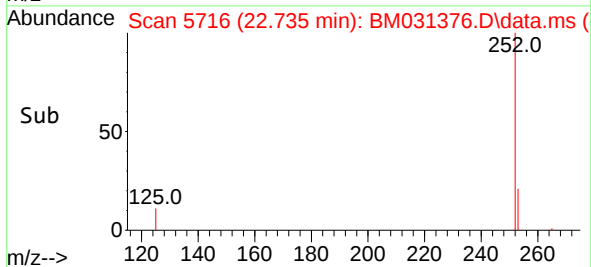
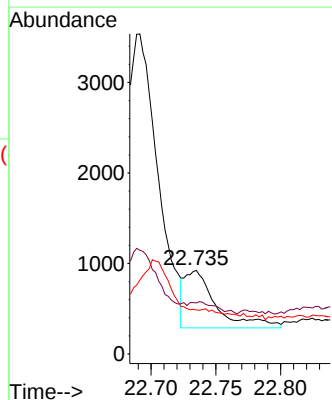
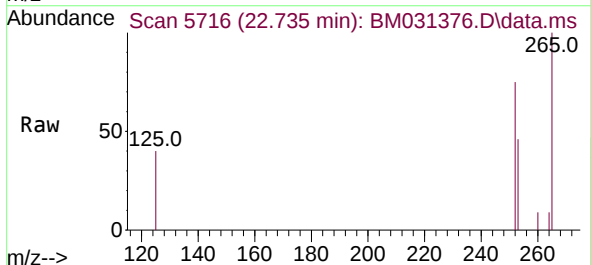
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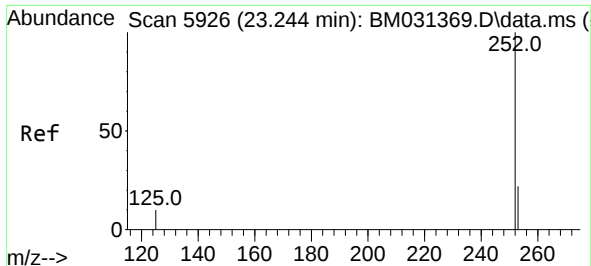
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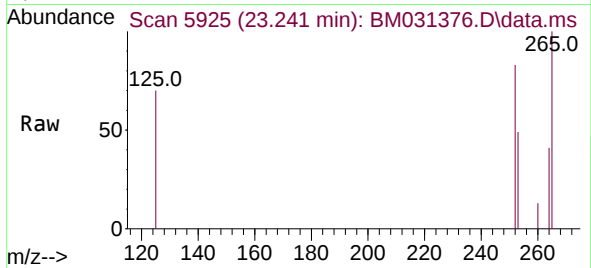
#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.735 min Scan# 5716
Delta R.T. 0.000 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27

Tgt Ion:252 Resp: 1086
Ion Ratio Lower Upper
252 100
253 61.1 21.3 31.9#
125 52.8 8.8 13.2#

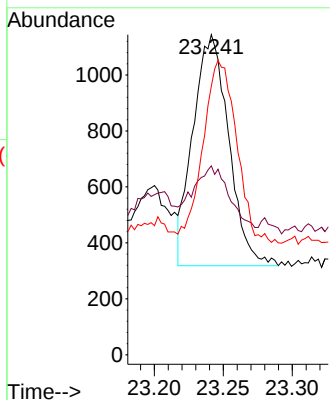




#26
Benzo(a)pyrene
Concen: 0.076 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.002 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



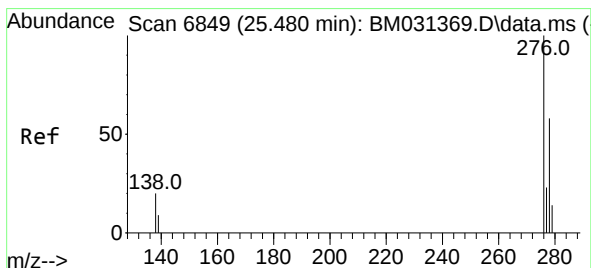
Tgt Ion	Ratio	Lower	Upper
252	100		
253	59.0	22.4	33.6#
125	83.9	13.0	19.4#



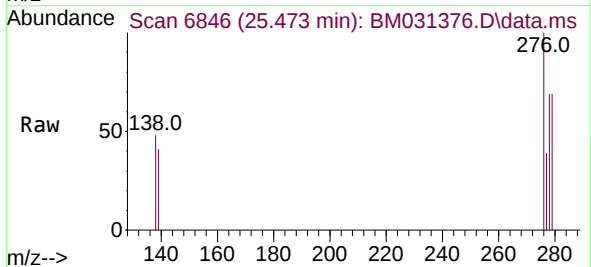
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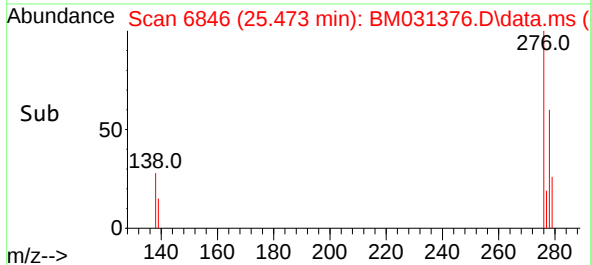
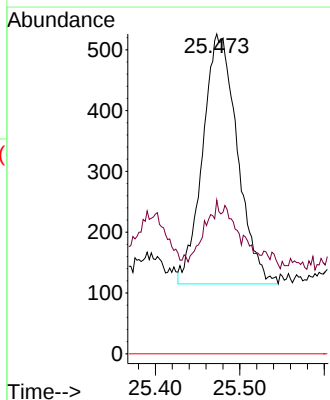
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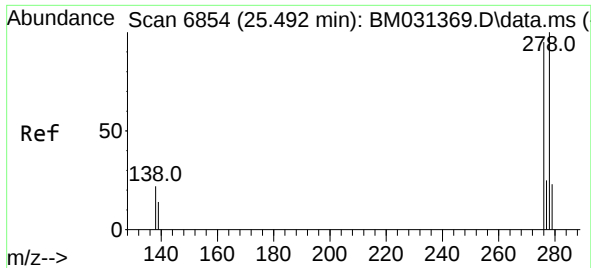


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.007 min
Lab File: BM031376.D
Acq: 02 Aug 2021 15:27



Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	15.8	23.8#
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

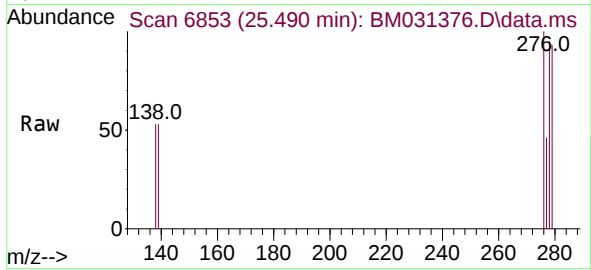
Concen: 0.048 ng/ul

RT: 25.490 min Scan# 6853

Delta R.T. -0.002 min

Lab File: BM031376.D

Acq: 02 Aug 2021 15:27



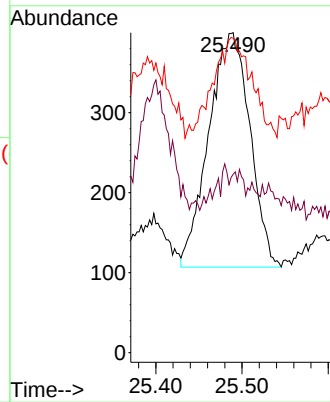
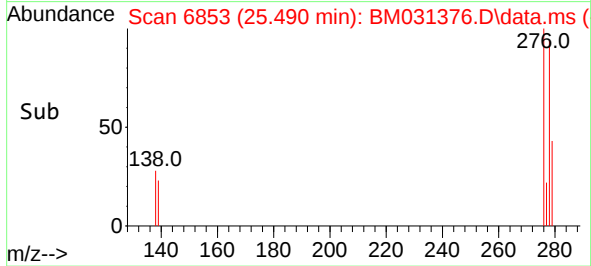
Tgt Ion: 278 Resp: 974

Ion Ratio Lower Upper

278 100

139 55.8 13.3 19.9#

279 98.3 22.8 34.2#



Instrument :

BNA_M

ClientSampleId :

C0071

Manual Integrations

APPROVED

mohammad
8/3/2021 11:50:31 AM