

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031311.D
 Acq On : 31 Jul 2021 14:30
 Operator : CG/JU
 Sample : M3106-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN1

Manual Integrations
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Quant Time: Aug 02 01:08:21 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	4925	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2967	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	5734	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	4595	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	4644	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2979	2.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1101	0.133	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2134	0.139	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.419	128	673	0.046	ng/ul#	79
10) Acenaphthylene	13.959	152	403	0.032	ng/ul#	66
11) Acenaphthene	14.300	153	398	0.037	ng/ul#	94
12) Fluorene	15.289	166	545	0.045	ng/ul#	93
15) Phenanthrene	17.027	178	6638	0.365	ng/ul	100
16) Anthracene	17.117	178	2023	0.119	ng/ul#	94
19) Fluoranthene	19.047	202	11378	0.580	ng/ul	98
20) Pyrene	19.409	202	9251	0.465	ng/ul#	96
21) Benzo(a)anthracene	21.161	228	5760	0.310	ng/ul	93
22) Chrysene	21.212	228	4912	0.256	ng/ul	97
24) Benzo(b)fluoranthene	22.699	252	6441m	0.308	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	2078m	0.096	ng/ul	
26) Benzo(a)pyrene	23.246	252	3737	0.204	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.483	276	2309	0.097	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.495	278	732	0.038	ng/ul#	30

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

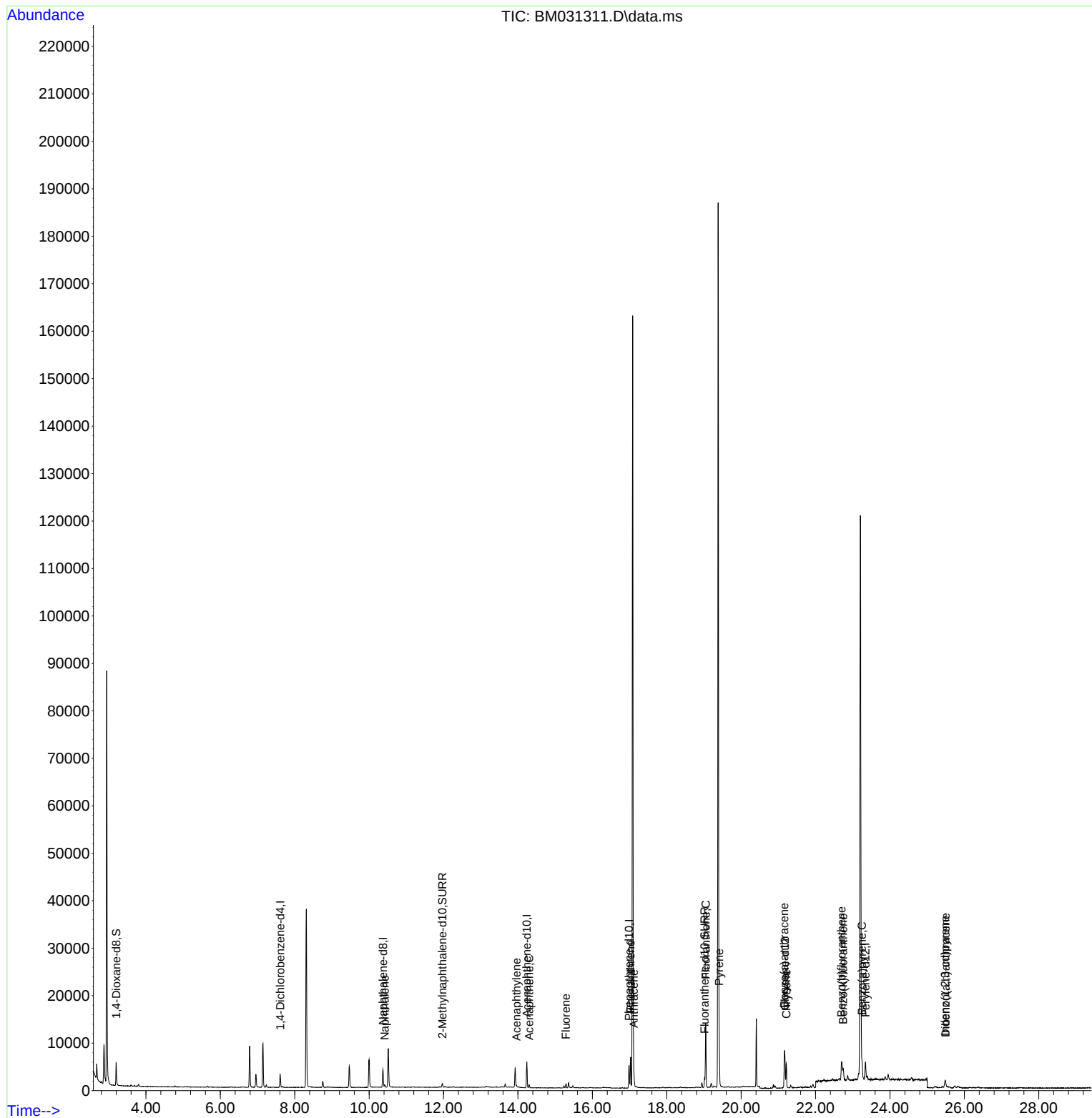
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Data File : BM031311.D
Acq On : 31 Jul 2021 14:30
Operator : CG/JU
Sample : M3106-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

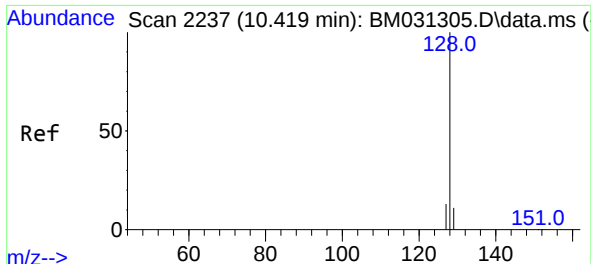
Instrument :
BNA_M
ClientSampleId :
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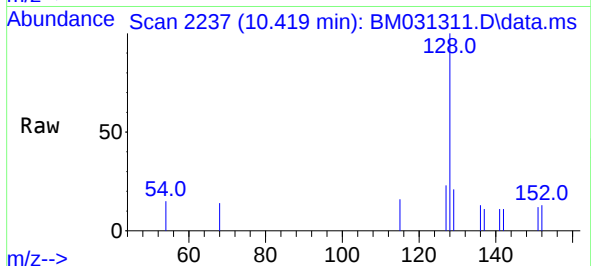
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Quant Time: Aug 02 01:08:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

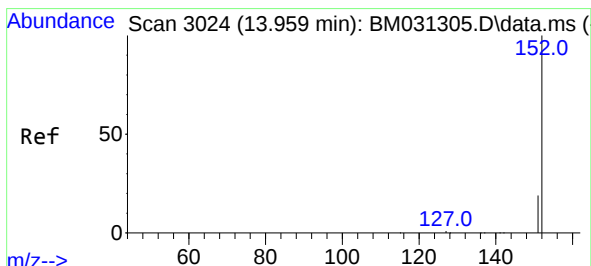
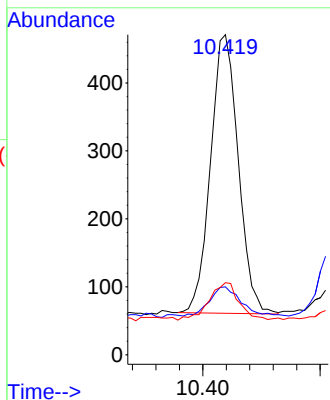
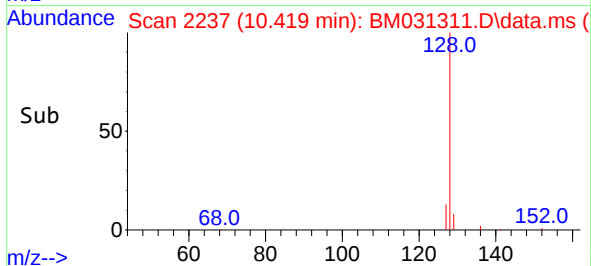




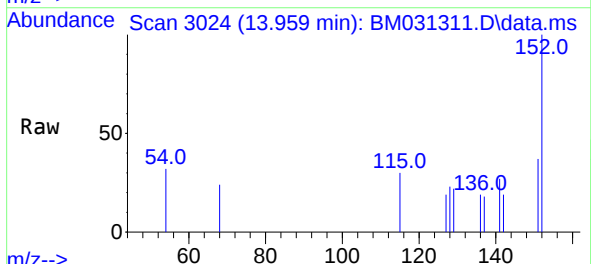
#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30



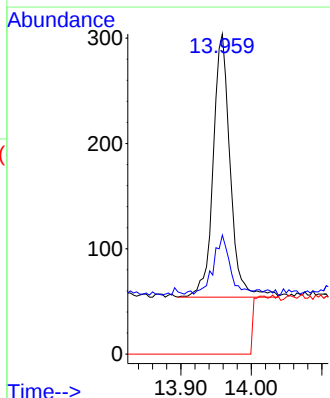
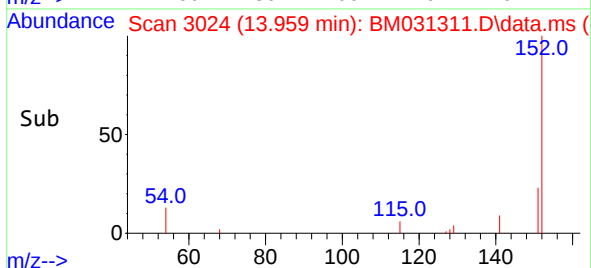
Tgt Ion:128 Resp: 673
Ion Ratio Lower Upper
128 100
129 21.2 10.0 15.0#
127 22.5 11.6 17.4#



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30



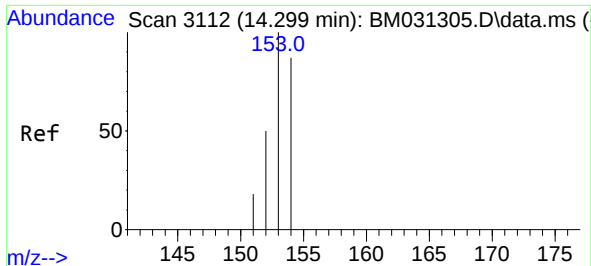
Tgt Ion:152 Resp: 403
Ion Ratio Lower Upper
152 100
151 37.2 16.9 25.3#
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
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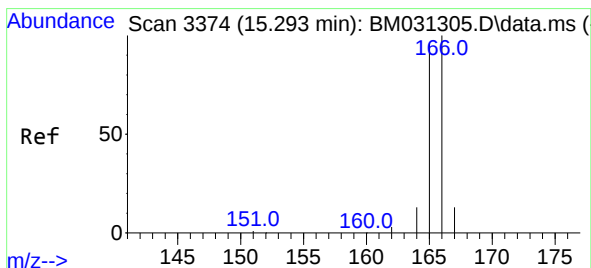
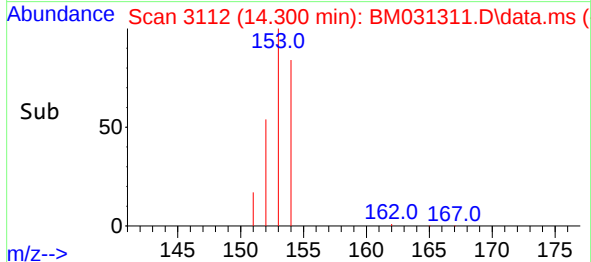
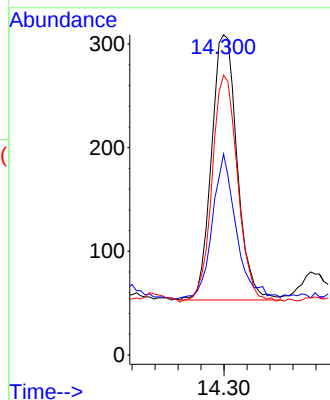
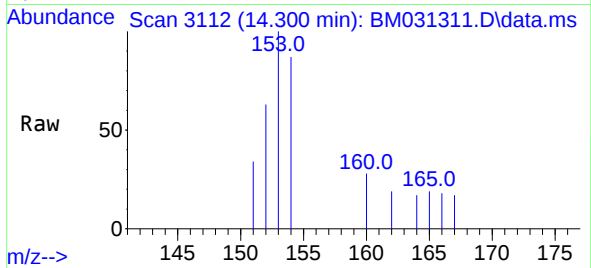
#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.300 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:153 Resp: 398
Ion Ratio Lower Upper
153 100
152 62.8 40.7 61.1#
154 87.4 70.2 105.2

Instrument :
BNA_M
ClientSampled :
BGEN1

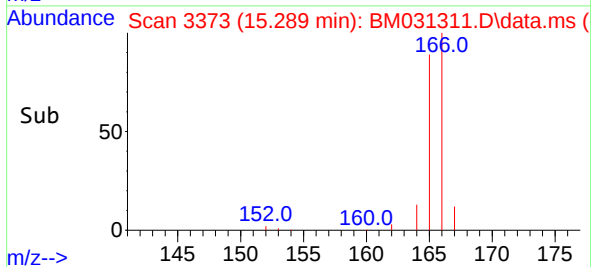
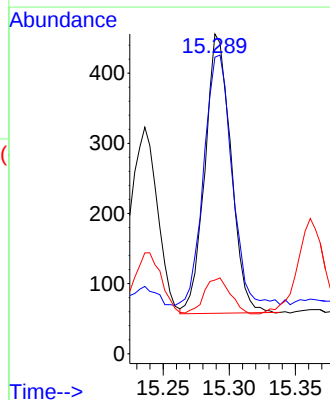
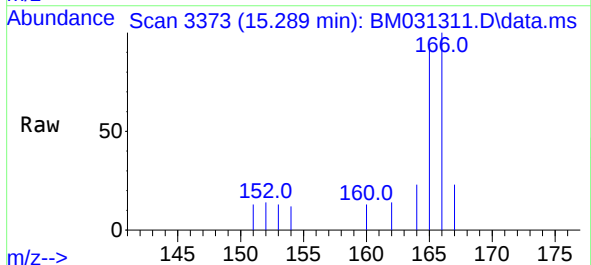
Manual Integrations
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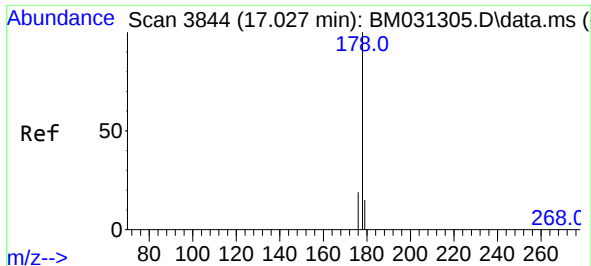
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#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

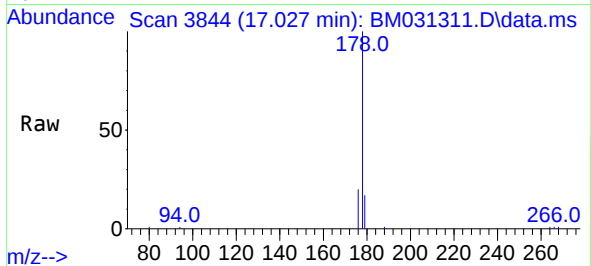
Tgt Ion:166 Resp: 545
Ion Ratio Lower Upper
166 100
165 92.8 78.0 117.0
167 23.0 12.0 18.0#





#15
Phenanthrene
Concen: 0.365 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

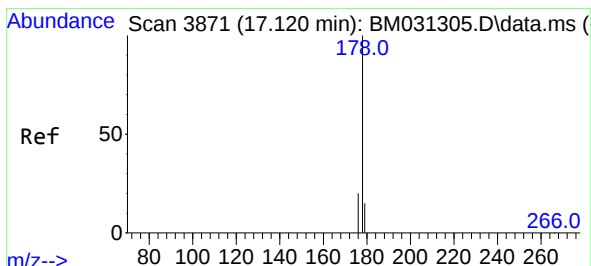
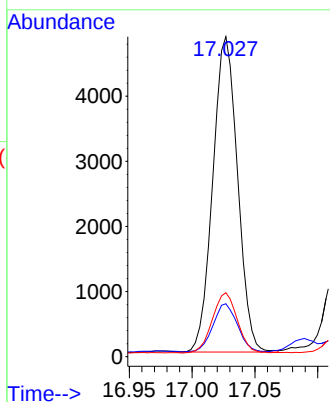
Instrument :
BNA_M
ClientSampled :
BGEN1



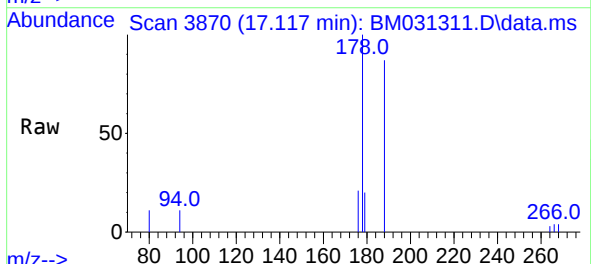
Tgt Ion:	178	Resp:	6638
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.3	19.9
176	20.0	16.2	24.4

Manual Integrations
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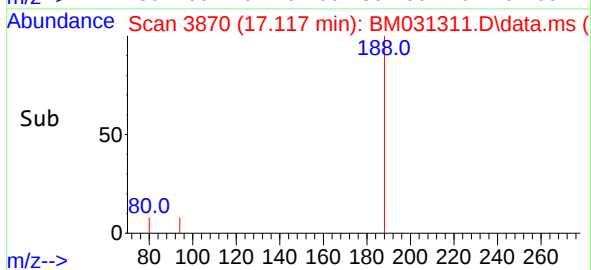
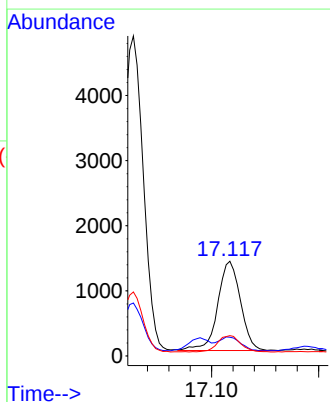
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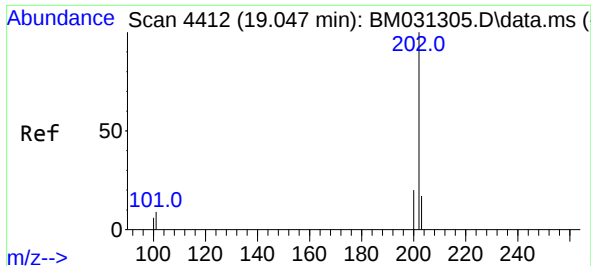


#16
Anthracene
Concen: 0.119 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30



Tgt Ion:	178	Resp:	2023
Ion Ratio	Lower	Upper	
178	100		
179	19.7	13.0	19.6#
176	21.5	15.6	23.4





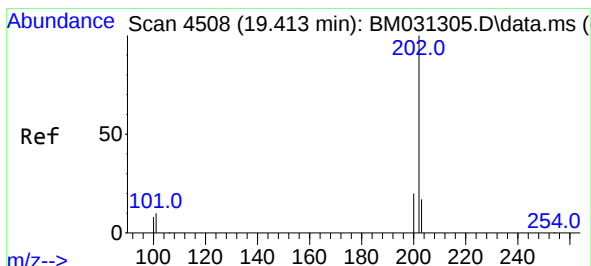
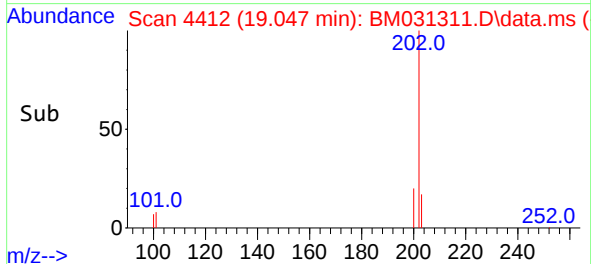
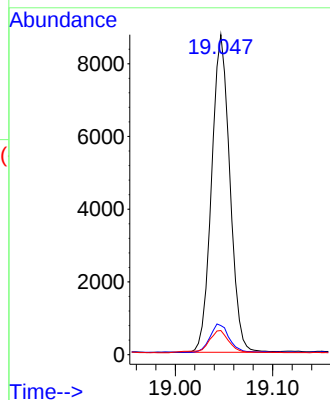
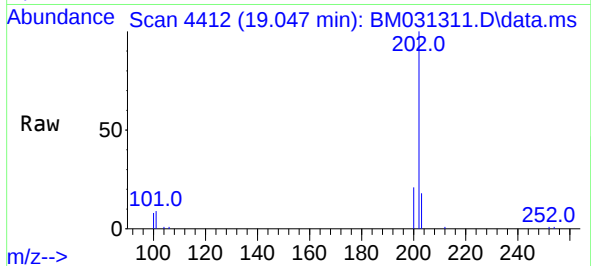
#19
Fluoranthene
Concen: 0.580 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:202 Resp: 11378
Ion Ratio Lower Upper
202 100
101 9.1 6.6 10.0
100 7.6 5.4 8.0

Instrument :
BNA_M
ClientSampled :
BGEN1

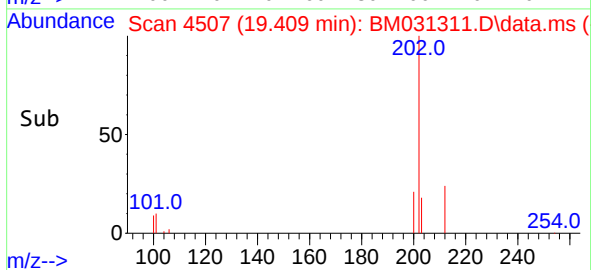
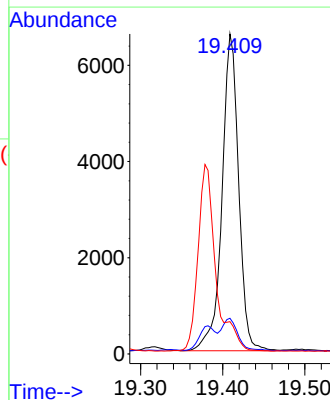
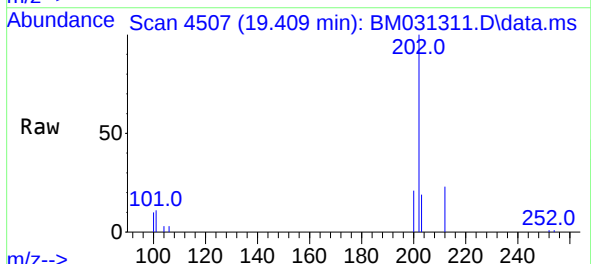
Manual Integrations
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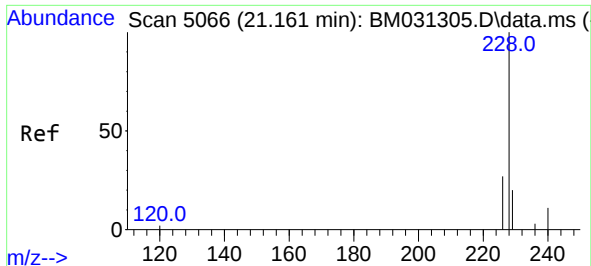
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#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:202 Resp: 9251
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 10.1 6.6 10.0#





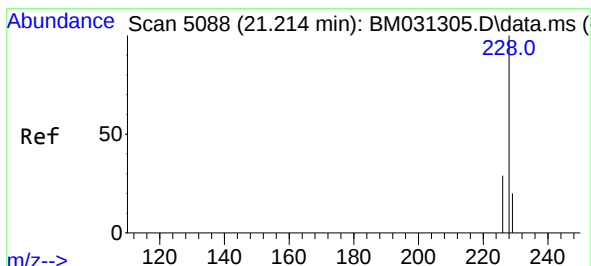
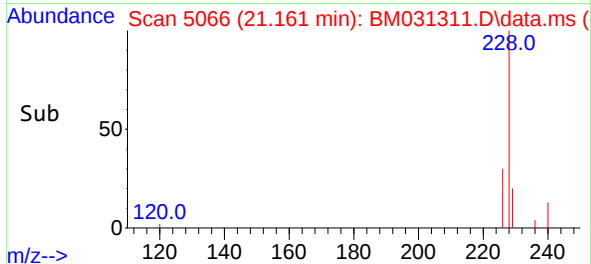
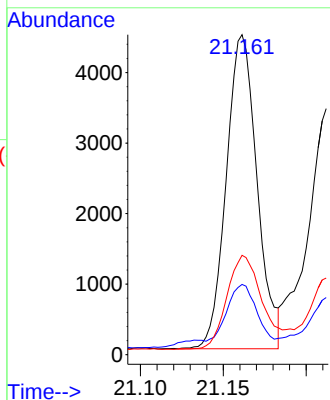
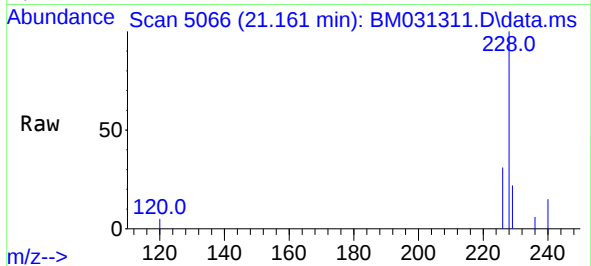
#21
Benzo(a)anthracene
Concen: 0.310 ng/u1
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:	228	Resp:	5760
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	31.0	21.7	32.5

Instrument :
BNA_M
ClientSampled :
BGEN1

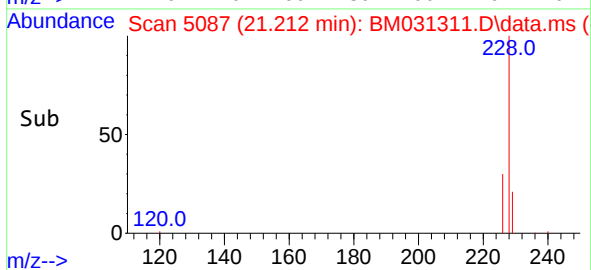
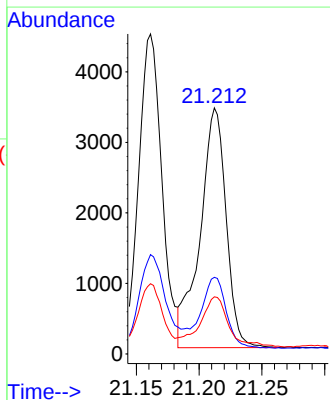
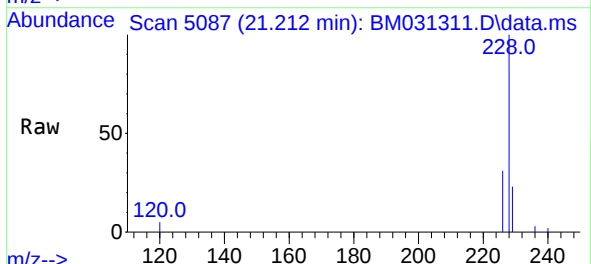
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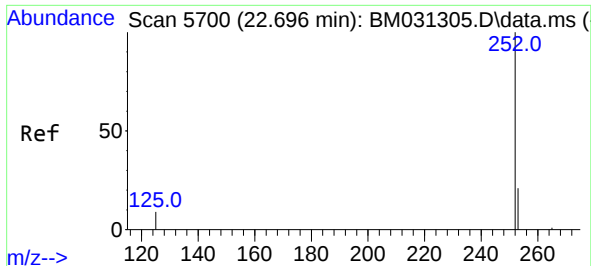
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#22
Chrysene
Concen: 0.256 ng/u1
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:	228	Resp:	4912
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.7	37.1
229	23.3	16.2	24.2





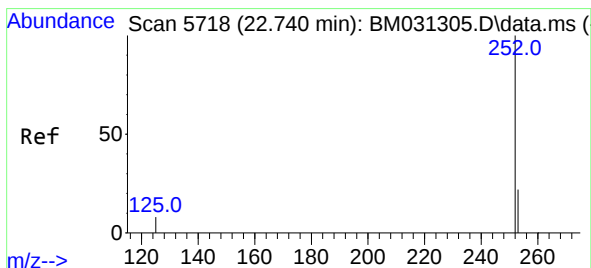
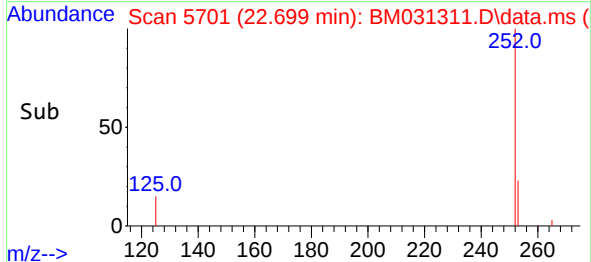
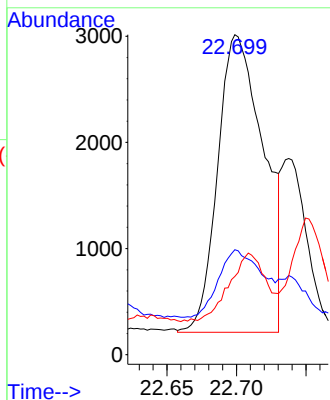
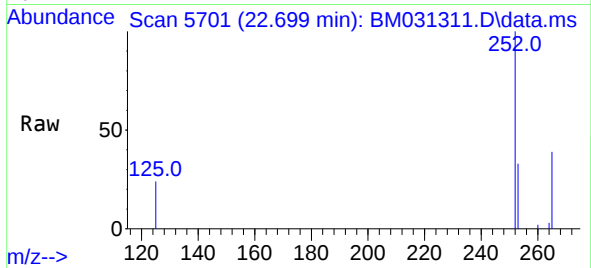
#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. 0.000 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:252 Resp: 6441
Ion Ratio Lower Upper
252 100
253 32.8 0.0 53.0
125 24.5 0.0 22.8#

Instrument :
BNA_M
ClientSampled :
BGEN1

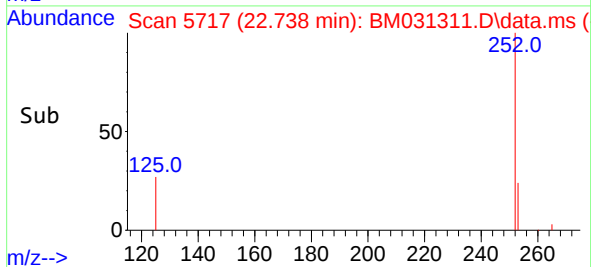
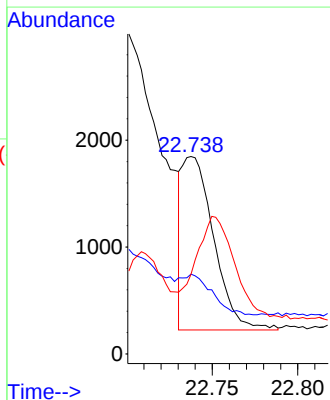
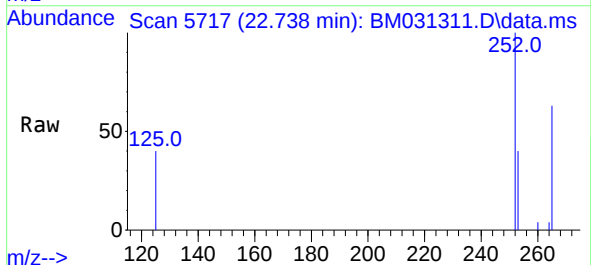
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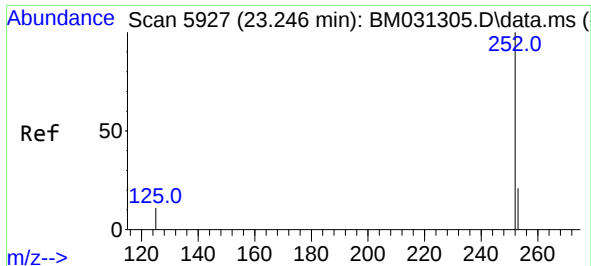
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#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.738 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:252 Resp: 2078
Ion Ratio Lower Upper
252 100
253 40.4 21.3 31.9#
125 40.3 8.8 13.2#





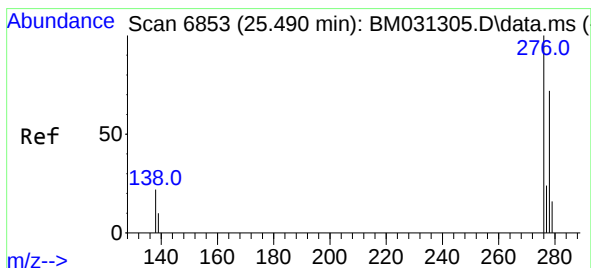
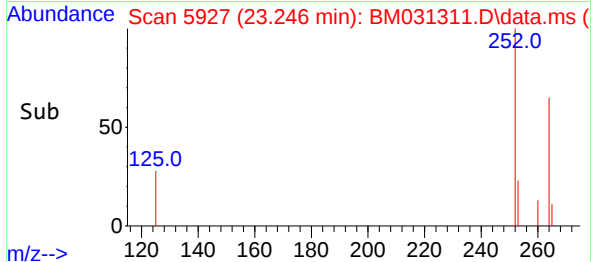
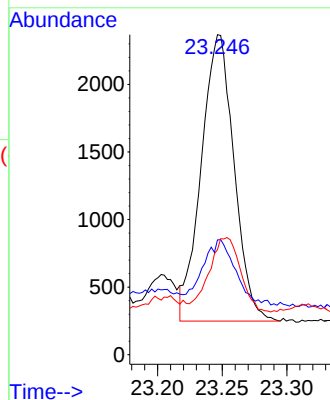
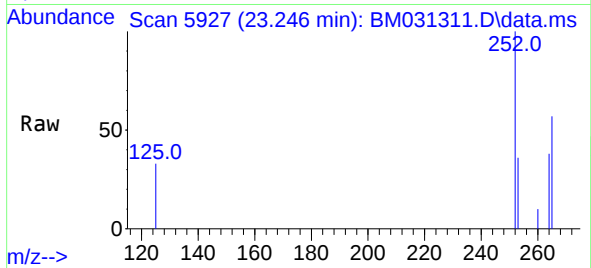
#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:	252	Resp:	3737
Ion Ratio	Lower	Upper	
252	100		
253	35.9	22.4	33.6#
125	32.9	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
BGEN1

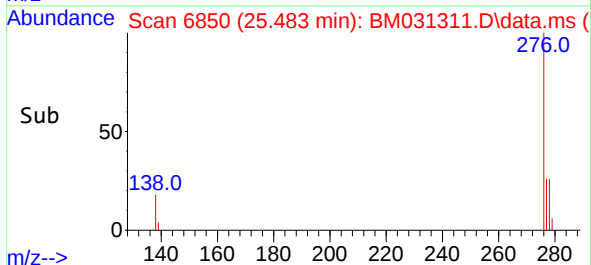
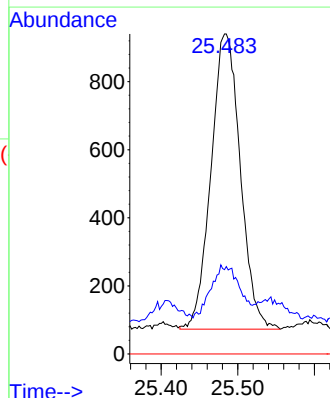
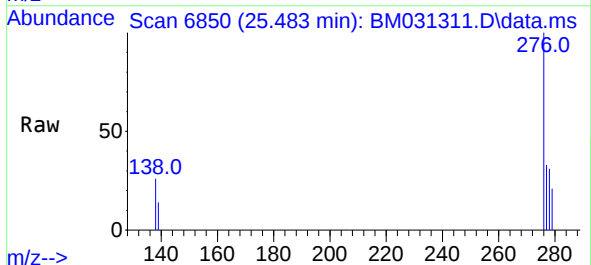
Manual Integrations
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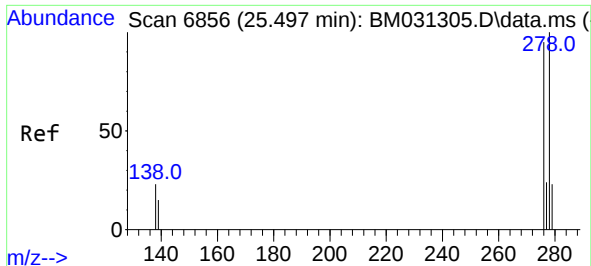
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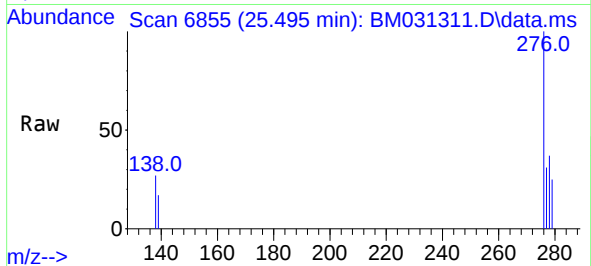
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Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031311.D
Acq: 31 Jul 2021 14:30

Tgt Ion:	276	Resp:	2309
Ion Ratio	Lower	Upper	
276	100		
138	25.6	15.8	23.8#
227	0.0	0.0	0.0

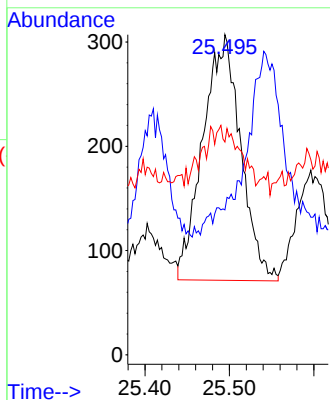
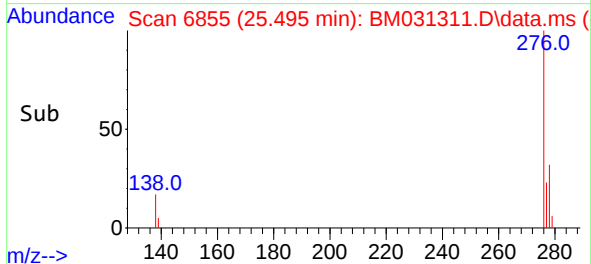




#28
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 25.495 min Scan# 6855
 Delta R.T. -0.009 min
 Lab File: BM031311.D
 Acq: 31 Jul 2021 14:30



Tgt Ion: 278 Resp: 732
 Ion Ratio Lower Upper
 278 100
 139 45.3 13.3 19.9#
 279 66.4 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 BGEN1

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:41:15 PM