

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031113.D
 Acq On : 24 Jul 2021 06:23
 Operator : CG/JU
 Sample : M2970-07DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA5DL

Manual Integrations
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Quant Time: Jul 24 07:14:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 24 04:20:53 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.639	152	800	0.40 ng/ul	0.00
4) Naphthalene-d8	10.401	136	3202	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.265	164	2214	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.006	188	4752	0.40 ng/ul	0.00
17) Chrysene-d12	21.190	240	4442	0.40 ng/ul	0.00
23) Perylene-d12	23.363	264	4169	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.217	96	2410	2.87 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	930	0.17 ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2401	0.18 ng/ul	0.00
Target Compounds					
					Qvalue
5) Naphthalene	10.451	128	534	0.06 ng/ul#	78
10) Acenaphthylene	13.986	152	1298	0.14 ng/ul	95
12) Fluorene	15.316	166	200	0.02 ng/ul#	87
14) Pentachlorophenol	16.659	266	1485	0.90 ng/ul	98
15) Phenanthrene	17.051	178	3175	0.21 ng/ul	97
16) Anthracene	17.138	178	1667m	0.12 ng/ul	
19) Fluoranthene	19.066	202	20352	1.14 ng/ul	99
20) Pyrene	19.432	202	13653	0.75 ng/ul	100
21) Benzo(a)anthracene	21.176	228	15021	0.85 ng/ul	95
22) Chrysene	21.227	228	11819	0.62 ng/ul	97
24) Benzo(b)fluoranthene	22.716	252	16549m	0.84 ng/ul	
25) Benzo(k)fluoranthene	22.755	252	6558m	0.33 ng/ul	
26) Benzo(a)pyrene	23.266	252	6618	0.39 ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.512	276	4780	0.22 ng/ul#	97
28) Dibenzo(a,h)anthracene	25.529	278	1942	0.11 ng/ul#	70

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

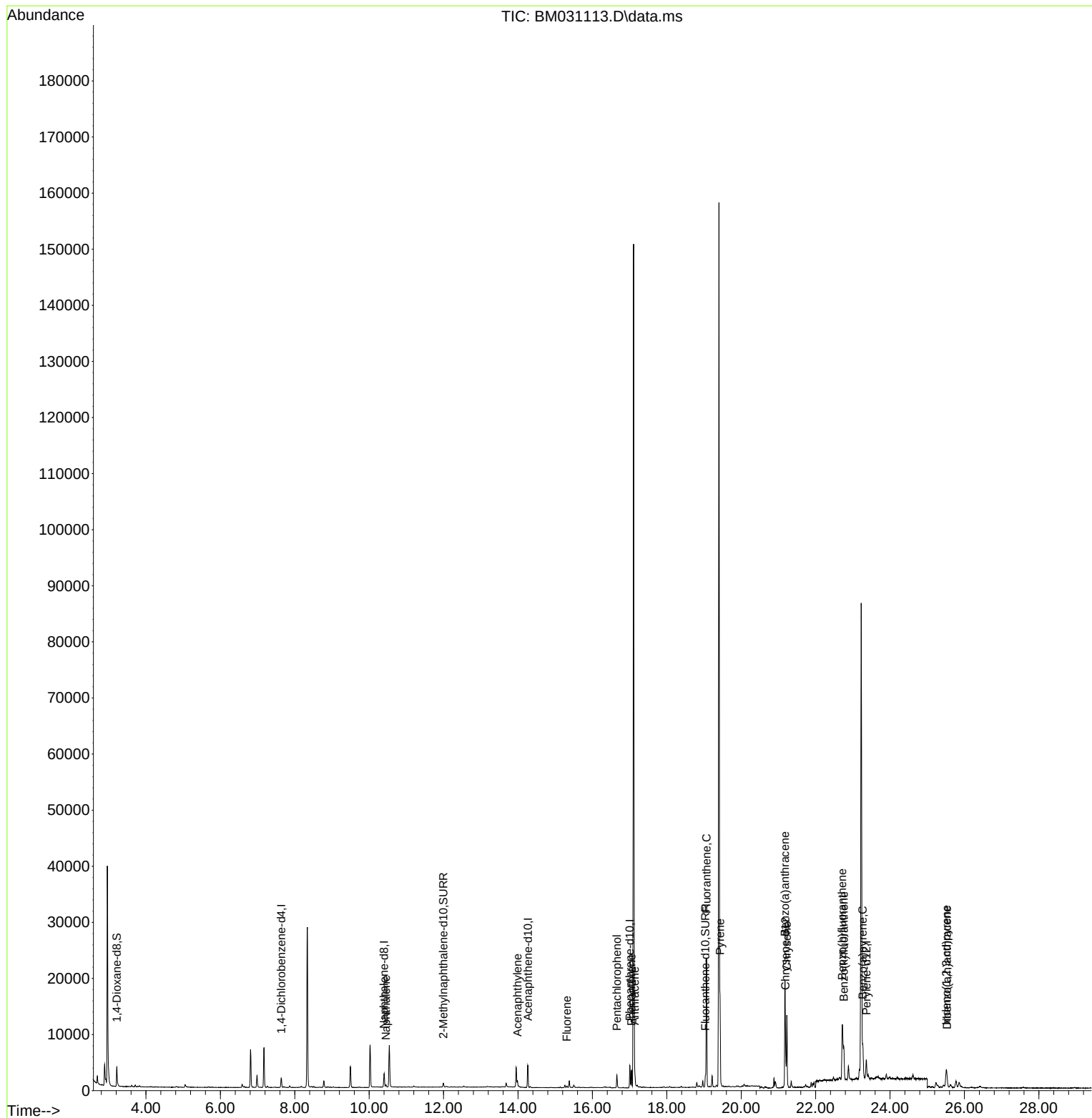
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031113.D
Acq On : 24 Jul 2021 06:23
Operator : CG/JU
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ALS Vial : 26 Sample Multiplier: 1

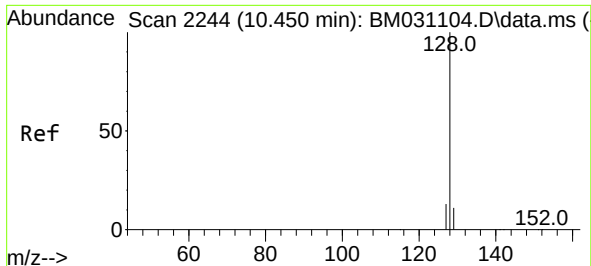
Instrument :
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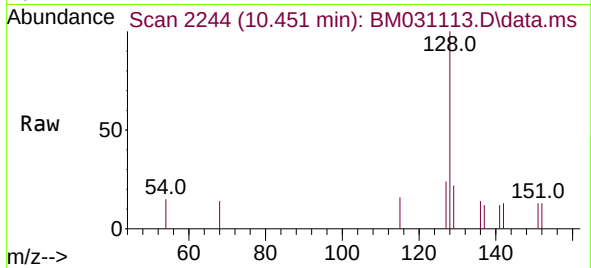
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Quant Time: Jul 24 07:14:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 24 04:20:53 2021
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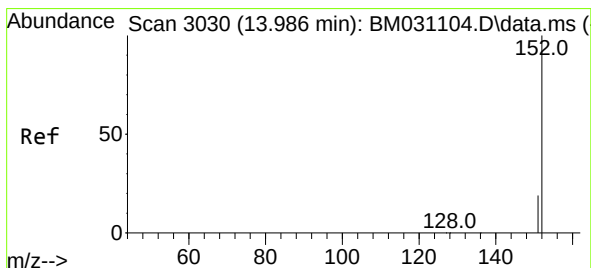
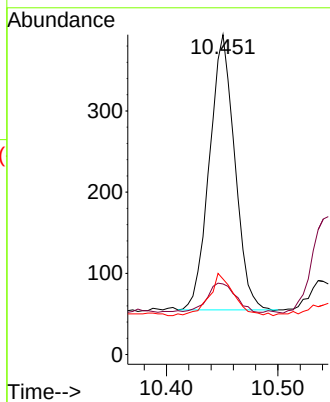
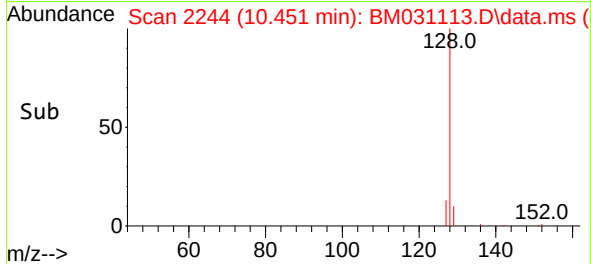




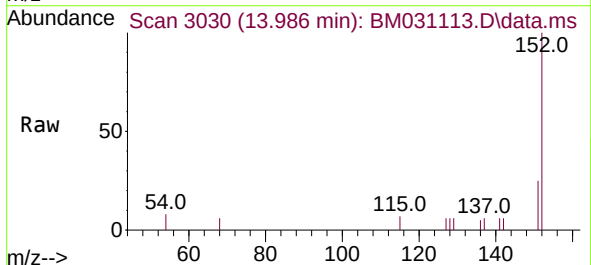
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23



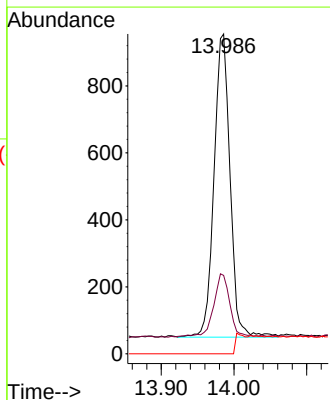
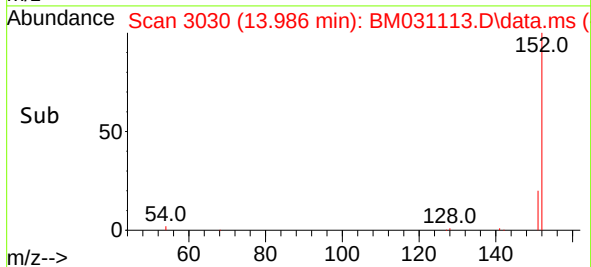
Tgt Ion:128 Resp: 534
Ion Ratio Lower Upper
128 100
129 22.1 10.2 15.4#
127 23.6 11.8 17.8#



#10
Acenaphthylene
Concen: 0.14 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23



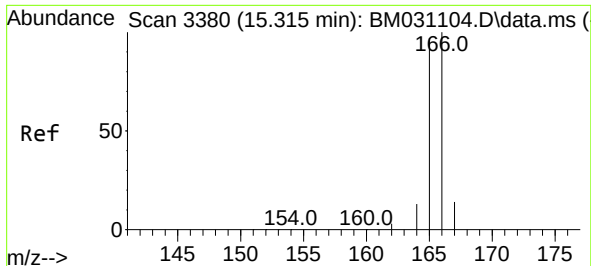
Tgt Ion:152 Resp: 1298
Ion Ratio Lower Upper
152 100
151 24.5 17.5 26.3
153 0.0 0.0 0.0



Instrument :
BNA_M
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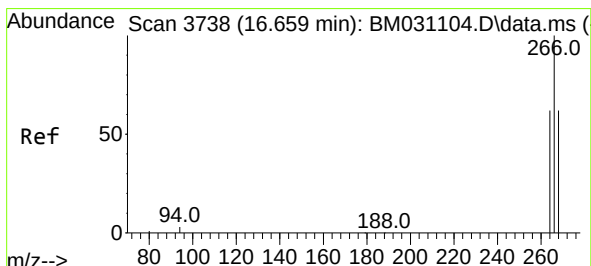
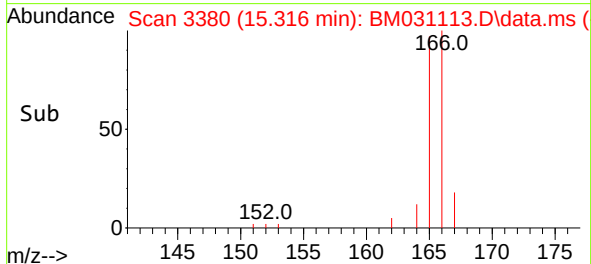
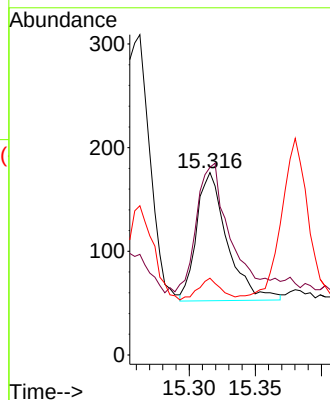
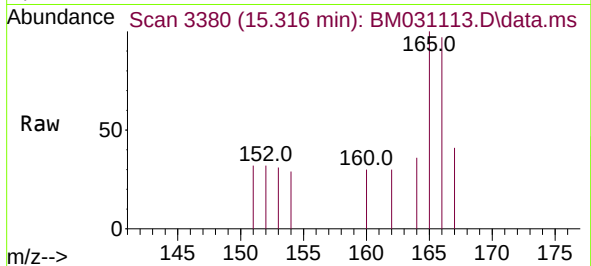
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion:166 Resp: 200
Ion Ratio Lower Upper
166 100
165 102.8 78.2 117.2
167 42.0 12.3 18.5#

Instrument :
BNA_M
ClientSampled :
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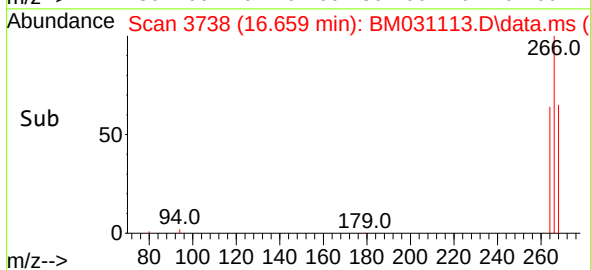
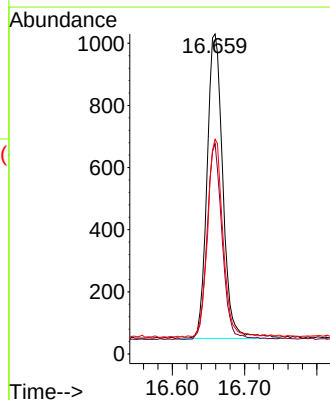
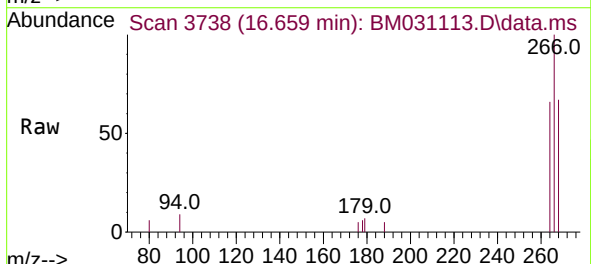
Manual Integrations
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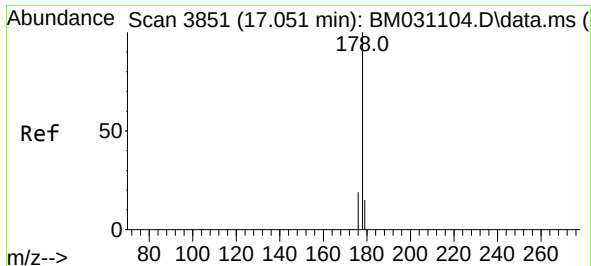
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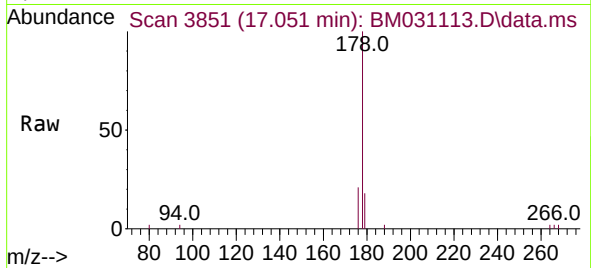
#14
Pentachlorophenol
Concen: 0.90 ng/ul
RT: 16.659 min Scan# 3738
Delta R.T. -0.003 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion:266 Resp: 1485
Ion Ratio Lower Upper
266 100
264 61.3 50.9 76.3
268 63.7 51.2 76.8

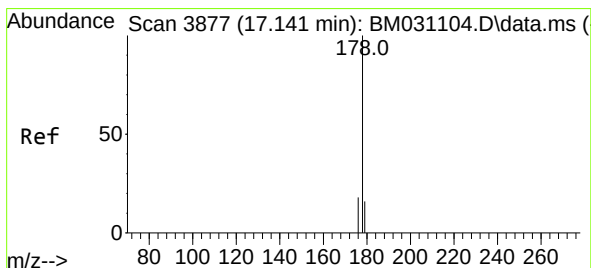
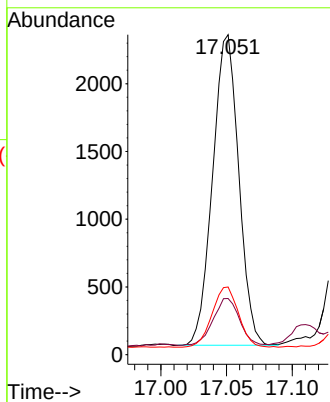
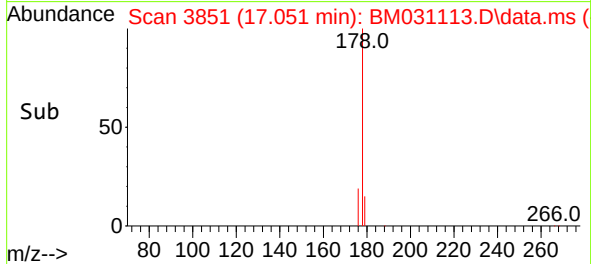




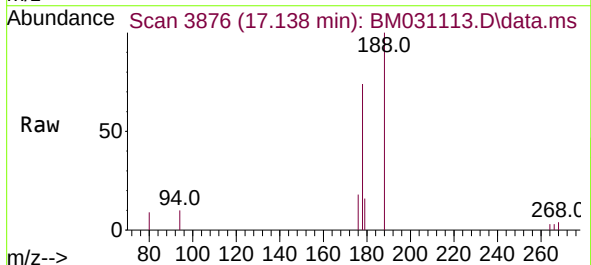
#15
Phenanthrene
Concen: 0.21 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23



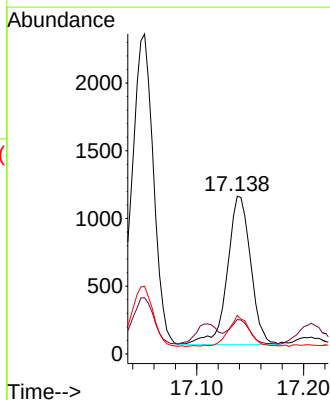
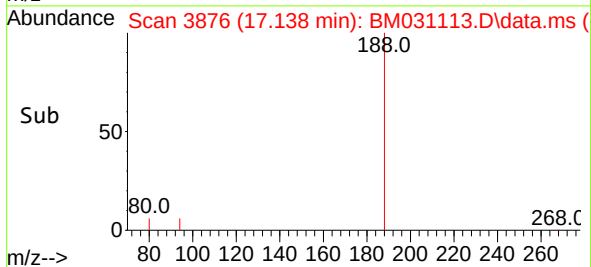
Tgt Ion:178 Resp: 3175
Ion Ratio Lower Upper
178 100
179 17.5 13.3 19.9
176 21.2 15.4 23.2



#16
Anthracene
Concen: 0.12 ng/ul m
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23



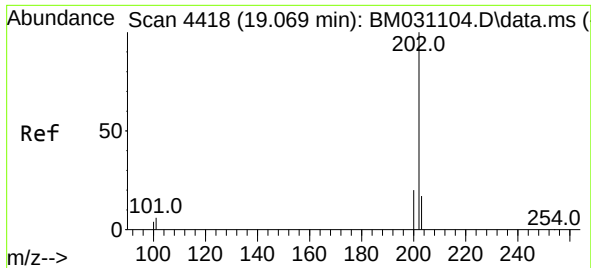
Tgt Ion:178 Resp: 1667
Ion Ratio Lower Upper
178 100
179 21.8 13.8 20.8#
176 24.4 15.7 23.5#



Instrument :
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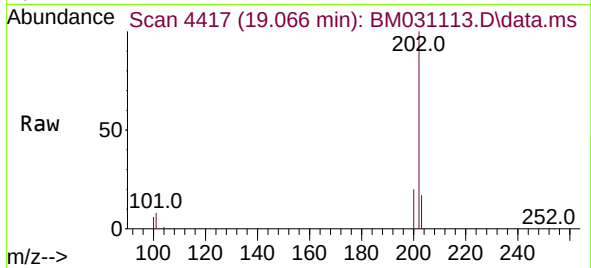
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#19
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

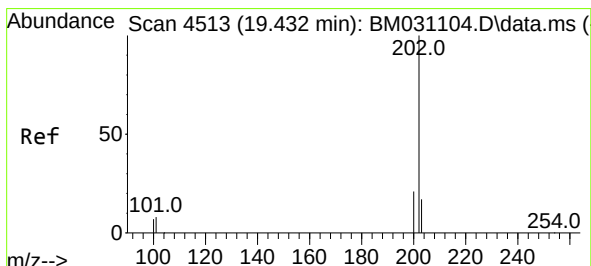
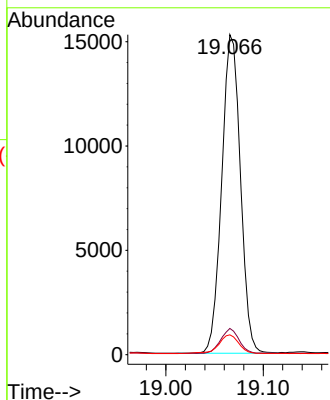
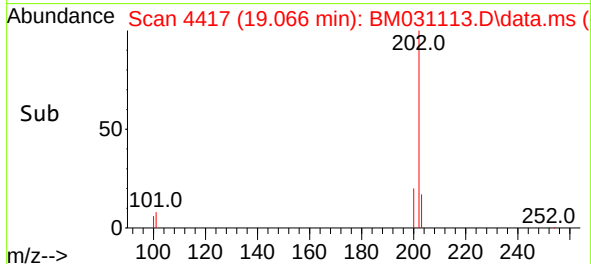
Instrument :
BNA_M
ClientSampleId :
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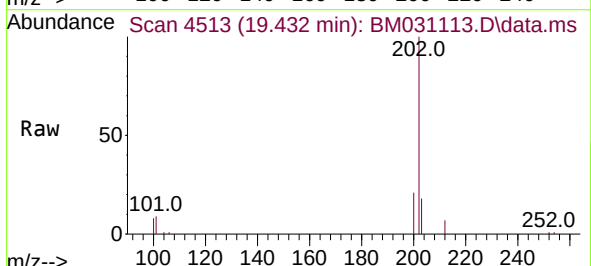
Tgt Ion:202 Resp: 20352
Ion Ratio Lower Upper
202 100
101 8.2 6.0 9.0
100 6.2 4.8 7.2

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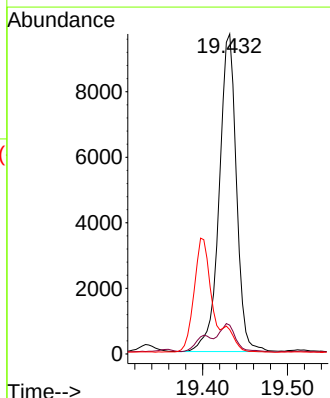
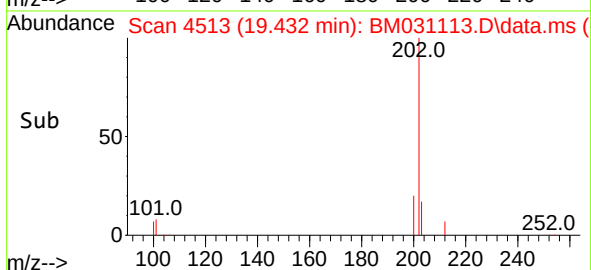
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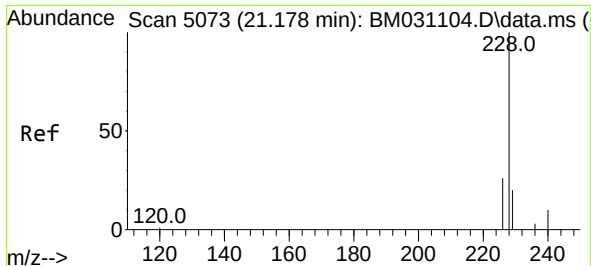


#20
Pyrene
Concen: 0.75 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23



Tgt Ion:202 Resp: 13653
Ion Ratio Lower Upper
202 100
101 9.0 7.4 11.0
100 7.6 6.0 9.0





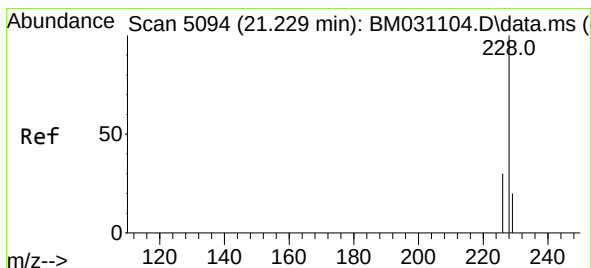
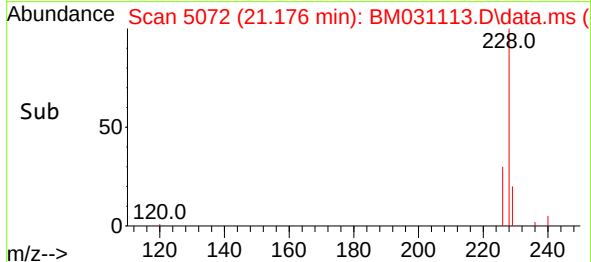
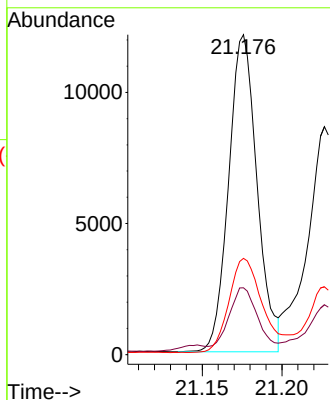
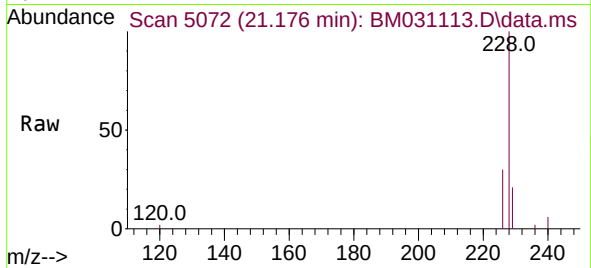
#21
Benzo(a)anthracene
Concen: 0.85 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion:228 Resp: 15021
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 30.1 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEA5DL

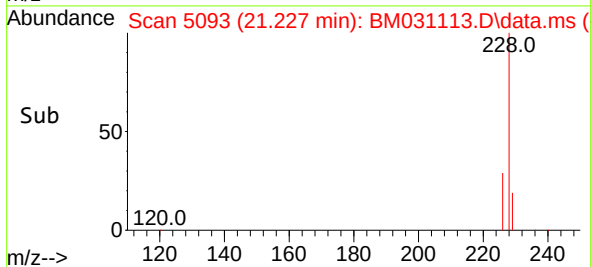
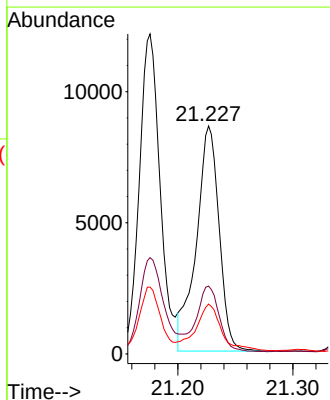
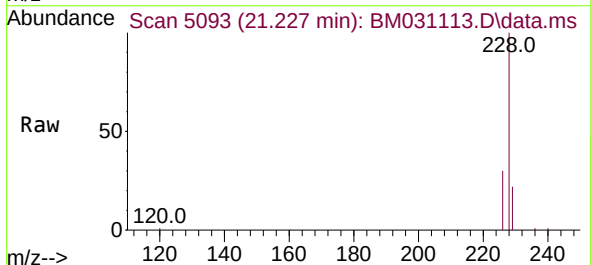
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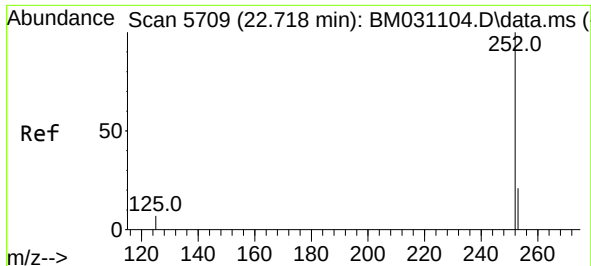
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#22
Chrysene
Concen: 0.62 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion:228 Resp: 11819
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 21.9 15.8 23.8





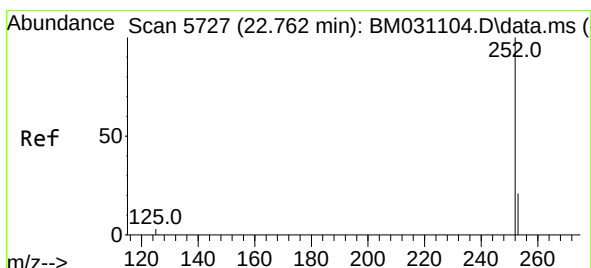
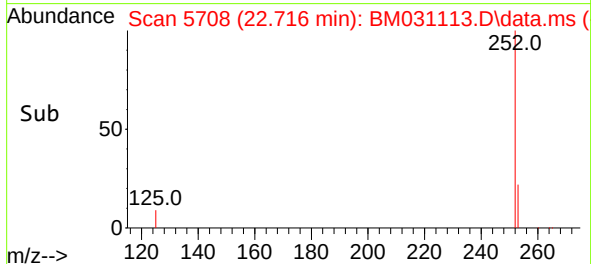
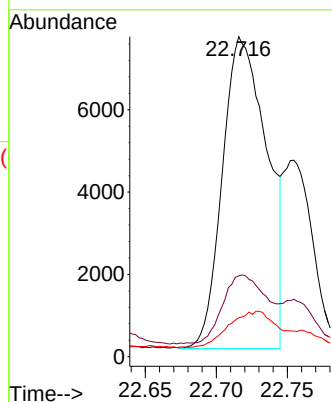
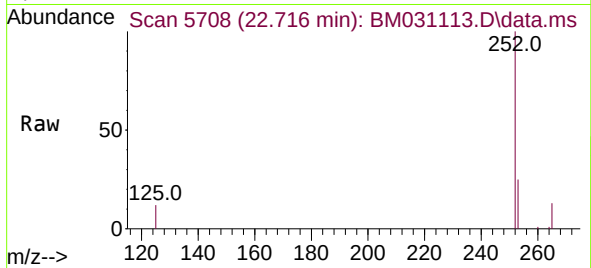
#24
Benzo(b)fluoranthene
Concen: 0.84 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	52.8
125	12.2	0.0	20.2

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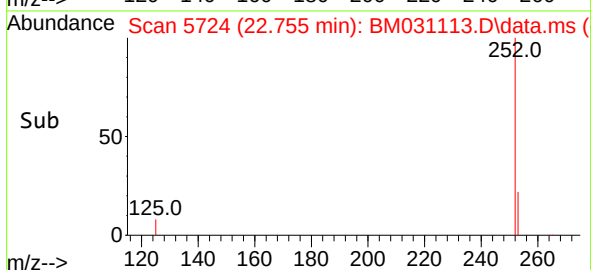
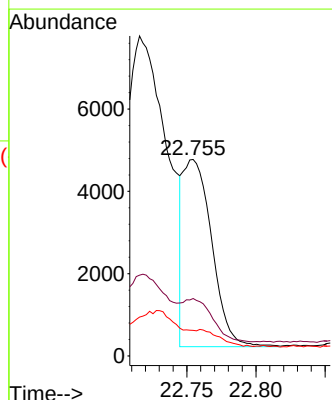
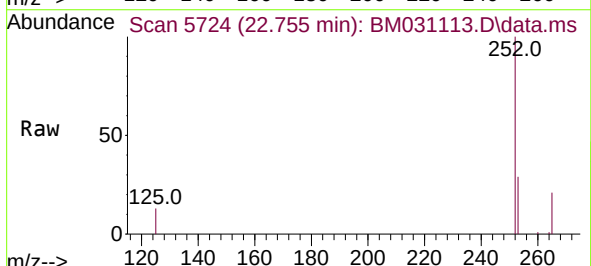
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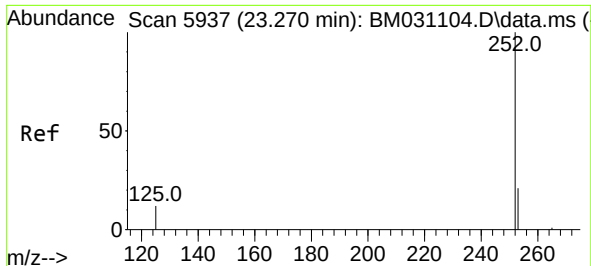
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#25
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.755 min Scan# 5724
Delta R.T. -0.012 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	21.6	32.4
125	13.0	8.6	13.0





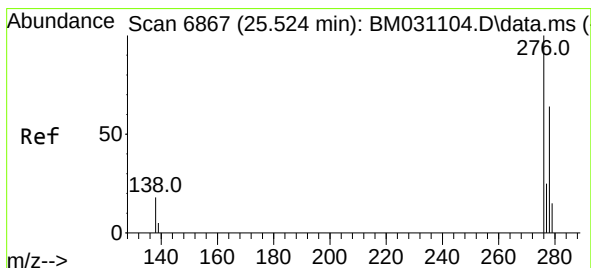
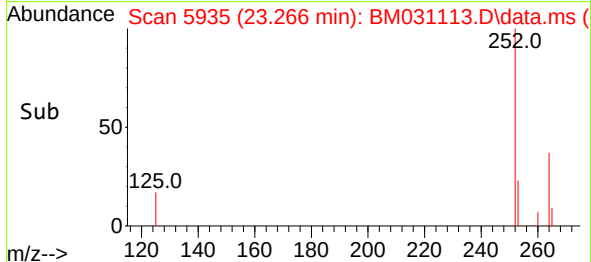
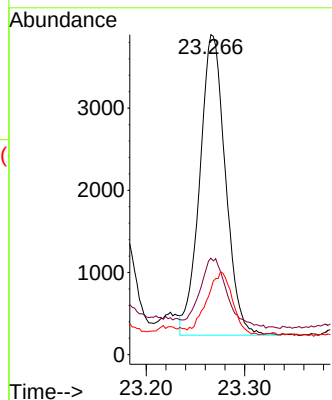
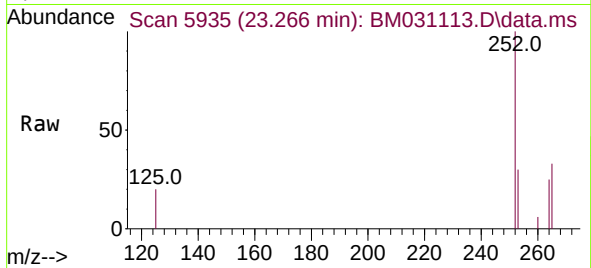
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Benzo(a)pyrene
Concen: 0.39 ng/u1
RT: 23.266 min Scan# 5935
Delta R.T. -0.014 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

Tgt Ion:252 Resp: 6618
Ion Ratio Lower Upper
252 100
253 30.1 23.1 34.7
125 20.4 10.7 16.1#

Instrument :
BNA_M
ClientSampled :
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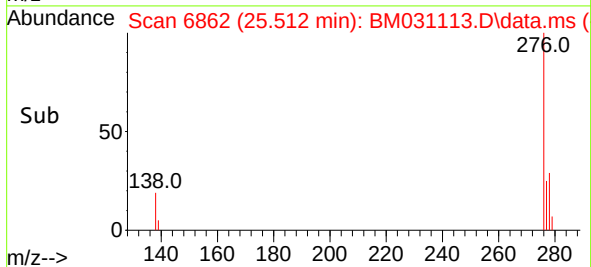
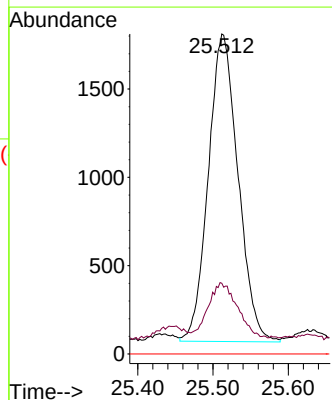
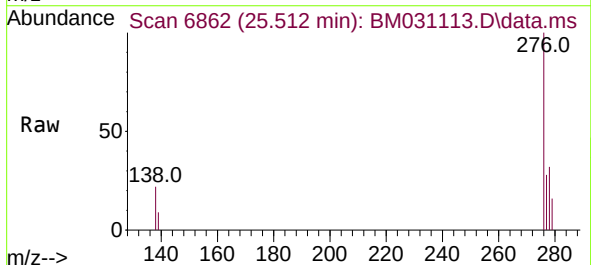
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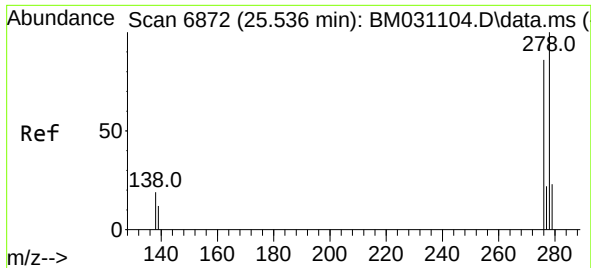
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/u1
RT: 25.512 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031113.D
Acq: 24 Jul 2021 06:23

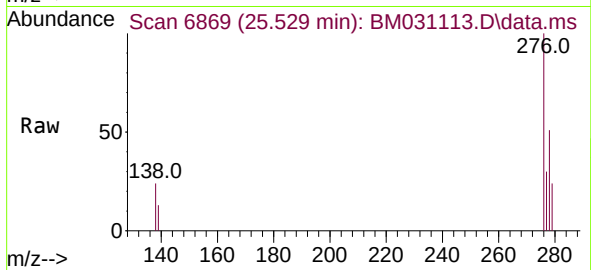
Tgt Ion:276 Resp: 4780
Ion Ratio Lower Upper
276 100
138 17.6 15.4 23.0
227 0.0 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 25.529 min Scan# 6869
 Delta R.T. -0.017 min
 Lab File: BM031113.D
 Acq: 24 Jul 2021 06:23

Instrument :
 BNA_M
 ClientSampleId :
 BGEA5DL



Tgt Ion: 278 Resp: 1942
 Ion Ratio Lower Upper
 278 100
 139 25.3 12.6 18.8#
 279 46.7 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:26:39 PM

