

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031094.D
 Acq On : 23 Jul 2021 17:29
 Operator : CG/JU
 Sample : M2970-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED0

Manual Integrations
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Quant Time: Jul 23 18:03:54 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 : Fri Jul 23 17:44:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	1813	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	7487	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	5216	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	11106	0.40	ng/ul	0.00
17) Chrysene-d12	21.200	240	9932	0.40	ng/ul	0.00
23) Perylene-d12	23.372	264	8669	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6843	3.59	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	3494	0.27	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	9452	0.31	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.455	128	858	0.04	ng/ul#	82
10) Acenaphthylene	13.986	152	1885	0.09	ng/ul	97
11) Acenaphthene	14.330	153	1051	0.06	ng/ul	98
12) Fluorene	15.319	166	1432	0.06	ng/ul#	99
15) Phenanthrene	17.055	178	19058	0.54	ng/ul	99
16) Anthracene	17.145	178	8597	0.26	ng/ul	98
19) Fluoranthene	19.073	202	80281	2.01	ng/ul	97
20) Pyrene	19.435	202	56799	1.39	ng/ul	97
21) Benzo(a)anthracene	21.181	228	47378	1.19	ng/ul	97
22) Chrysene	21.234	228	39491	0.92	ng/ul	98
24) Benzo(b)fluoranthene	22.728	252	47671m	1.17	ng/ul	
25) Benzo(k)fluoranthene	22.767	252	22229m	0.54	ng/ul	
26) Benzo(a)pyrene	23.280	252	23388	0.66	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.529	276	13748	0.30	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.538	278	4773	0.13	ng/ul#	83

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

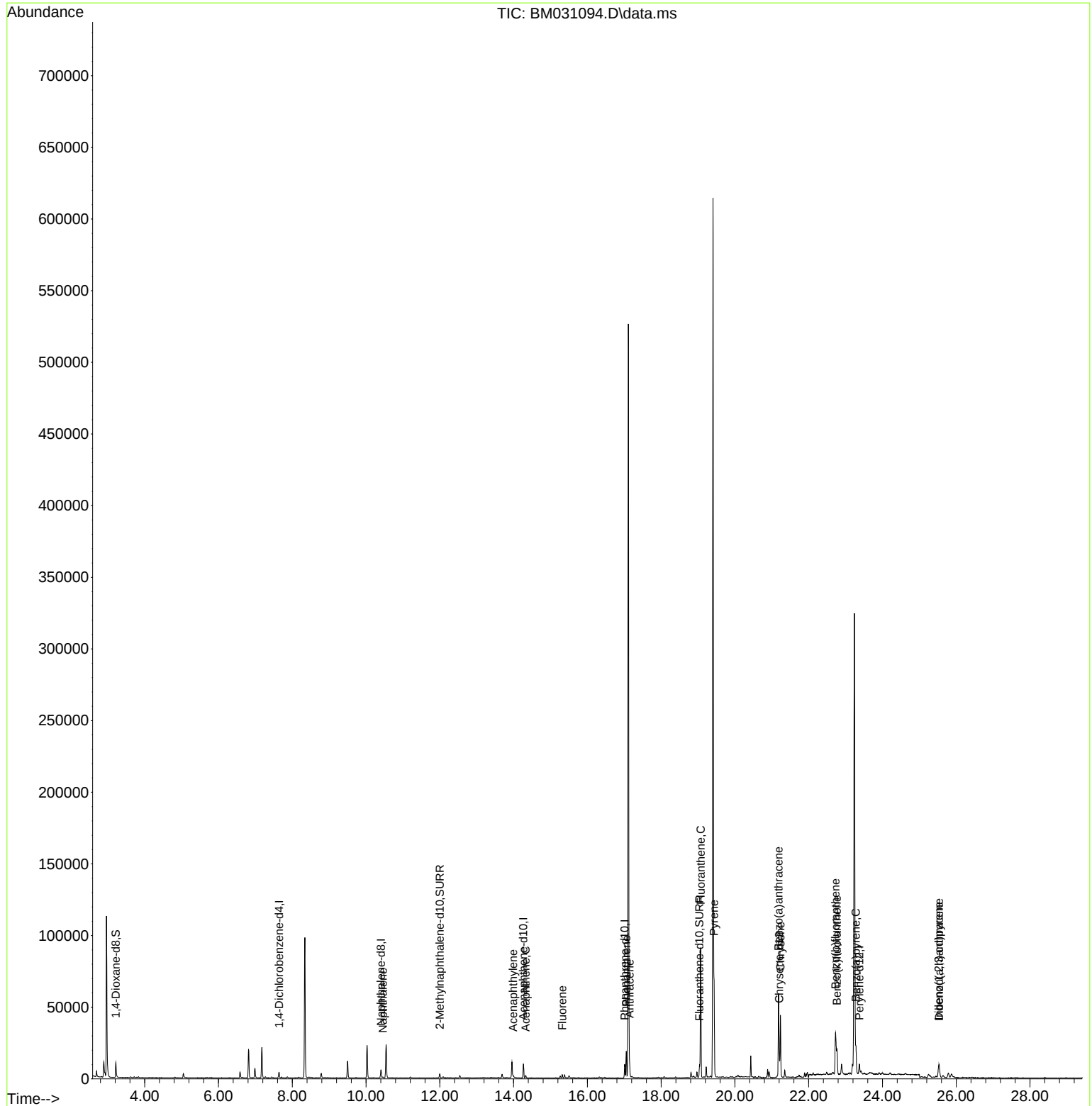
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Data File : BM031094.D
Acq On : 23 Jul 2021 17:29
Operator : CG/JU
Sample : M2970-17
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ALS Vial : 7 Sample Multiplier: 1

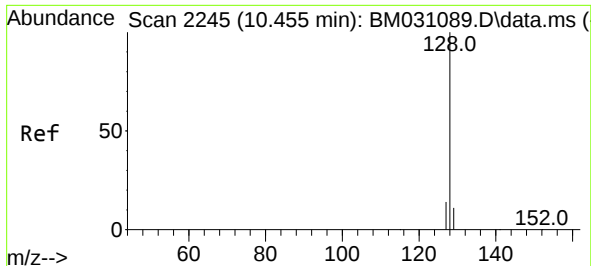
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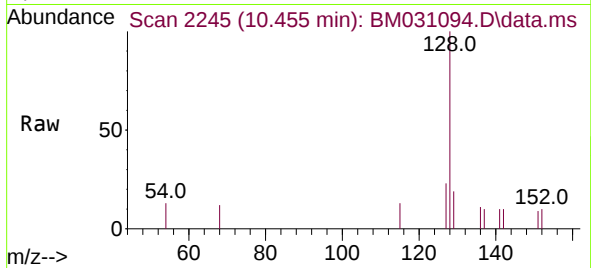
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Quant Time: Jul 23 18:03:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 17:44:47 2021
Response via : Initial Calibration

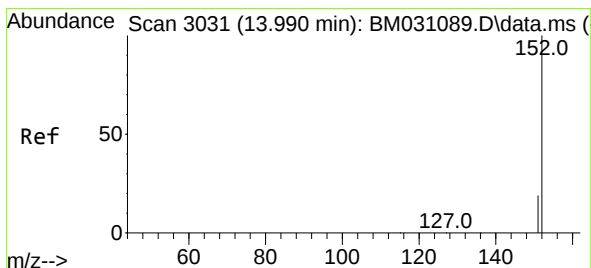
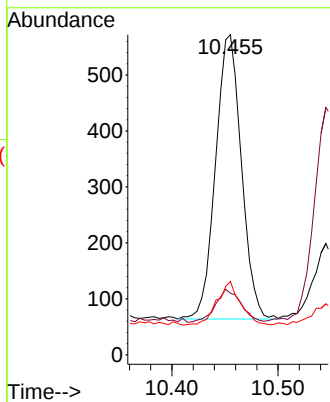
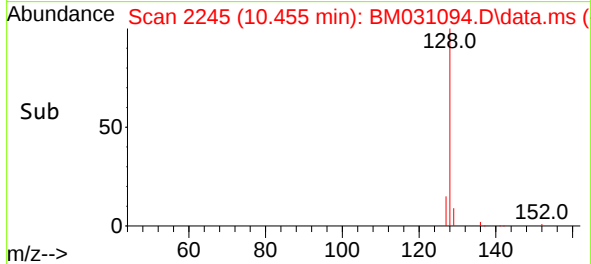




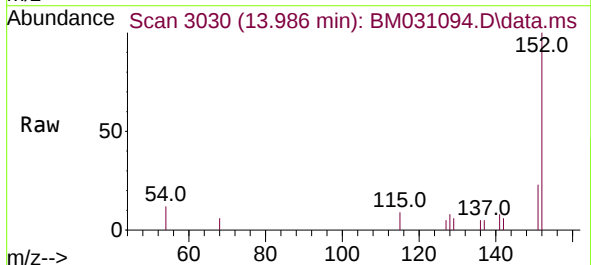
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



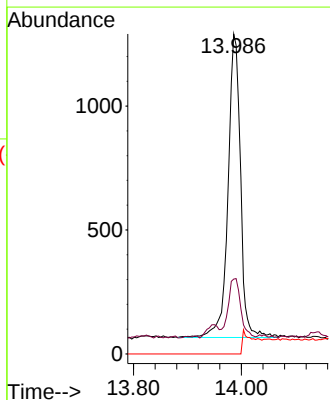
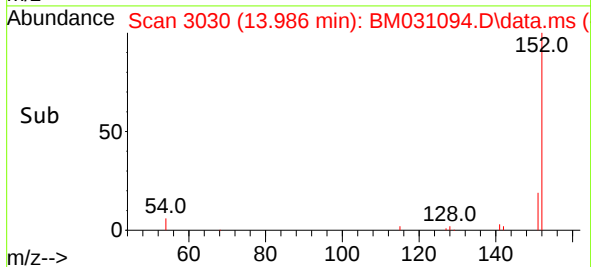
Tgt Ion:128 Resp: 858
Ion Ratio Lower Upper
128 100
129 19.2 10.2 15.4#
127 22.9 11.8 17.8#



#10
Acenaphthylene
Concen: 0.09 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



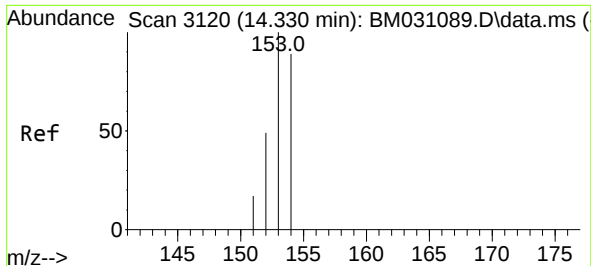
Tgt Ion:152 Resp: 1885
Ion Ratio Lower Upper
152 100
151 23.4 17.5 26.3
153 0.0 0.0 0.0



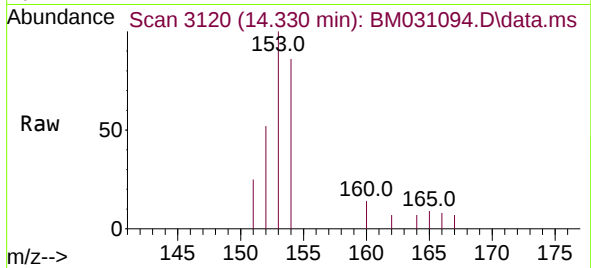
Instrument :
BNA_M
ClientSampled :
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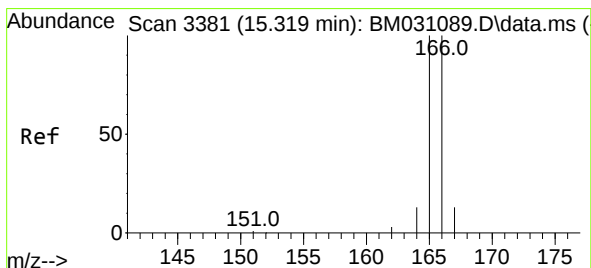
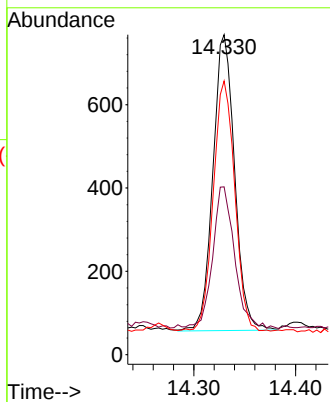
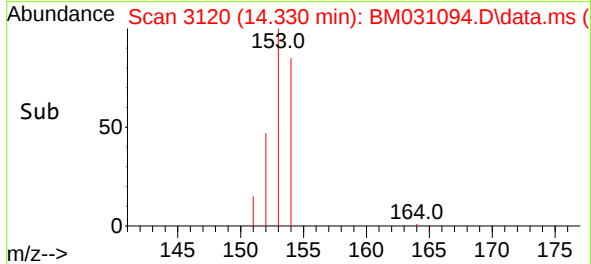
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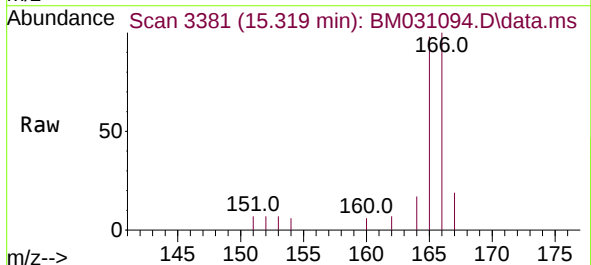
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Acenaphthene
Concen: 0.06 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



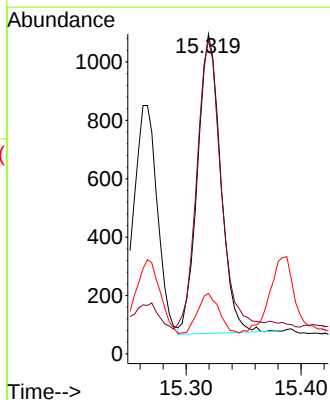
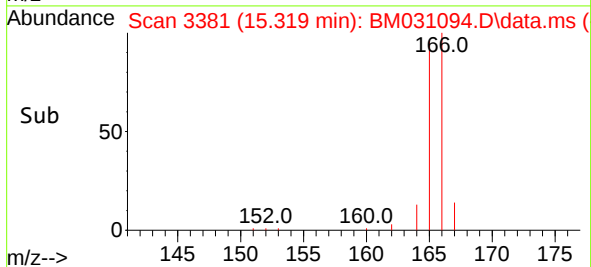
Tgt Ion:153 Resp: 1051
Ion Ratio Lower Upper
153 100
152 52.5 39.4 59.2
154 85.5 68.2 102.4



#12
Fluorene
Concen: 0.06 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



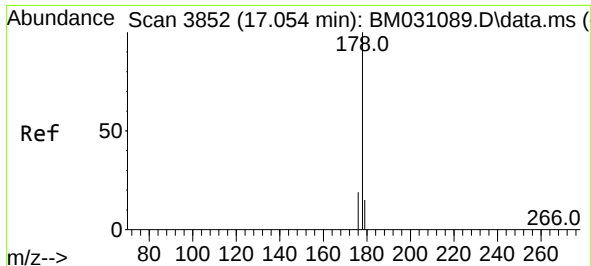
Tgt Ion:166 Resp: 1432
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 18.9 12.3 18.5#



Instrument :
BNA_M
ClientSampled :
BGED0

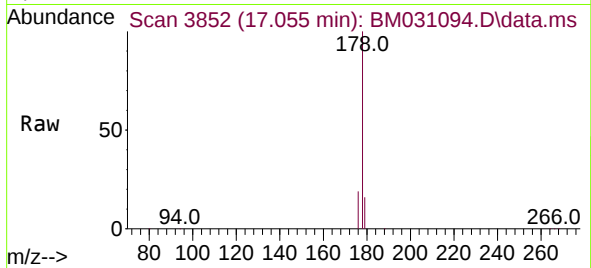
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#15
Phenanthrene
Concen: 0.54 ng/ul
RT: 17.055 min Scan# 3852
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

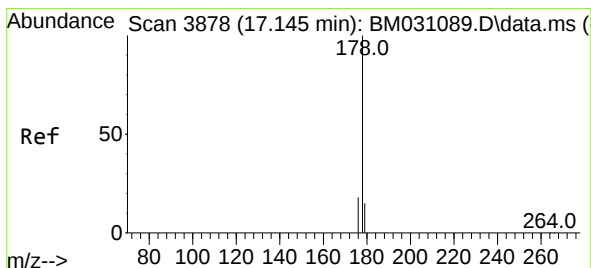
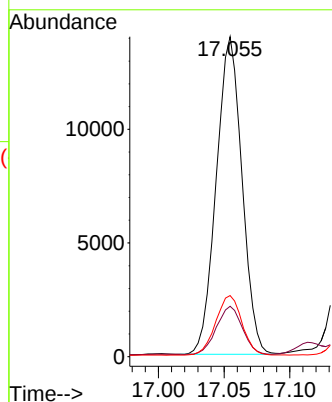
Instrument :
BNA_M
ClientSampled :
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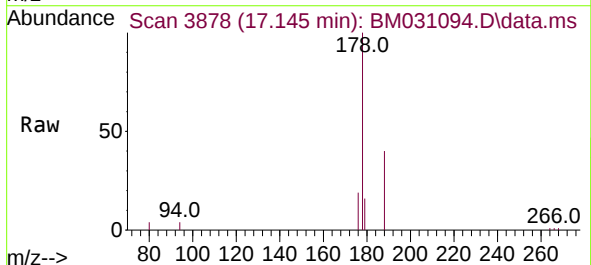
Tgt Ion:178 Resp: 19058
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.1 15.4 23.2

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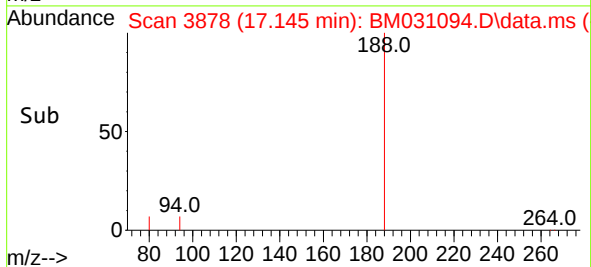
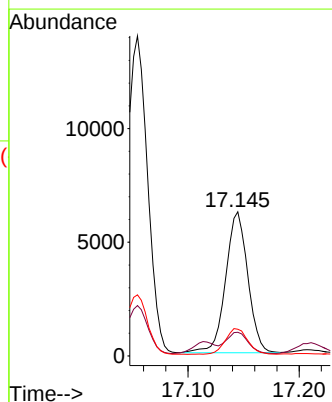
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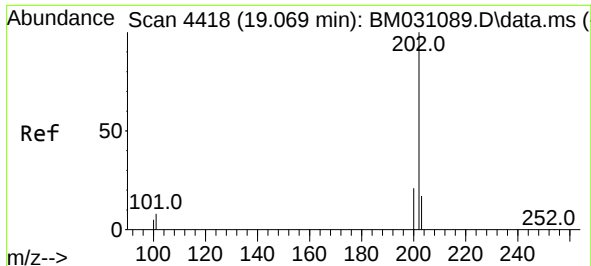


#16
Anthracene
Concen: 0.26 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

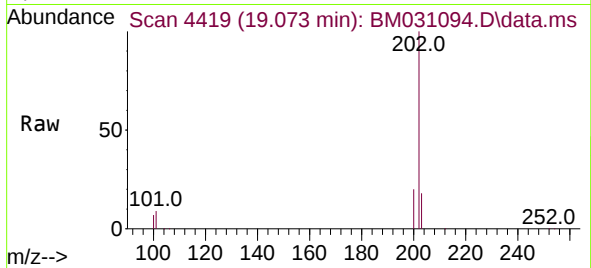


Tgt Ion:178 Resp: 8597
Ion Ratio Lower Upper
178 100
179 16.4 13.8 20.8
176 18.6 15.7 23.5

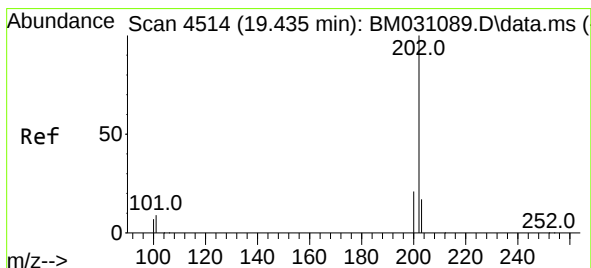
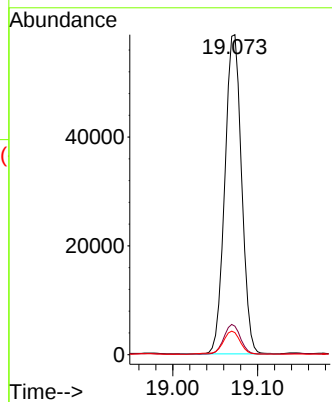
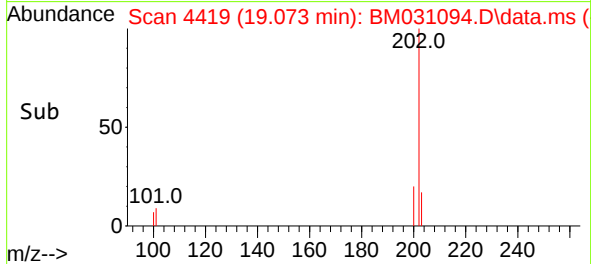




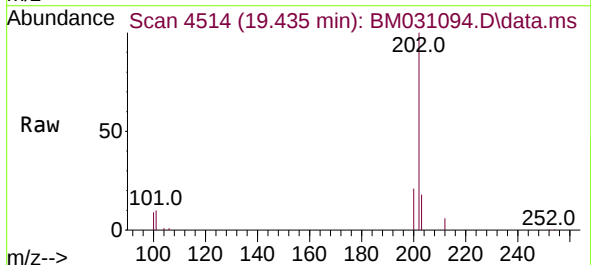
#19
Fluoranthene
Concen: 2.01 ng/ul
RT: 19.073 min Scan# 4419
Delta R.T. 0.004 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



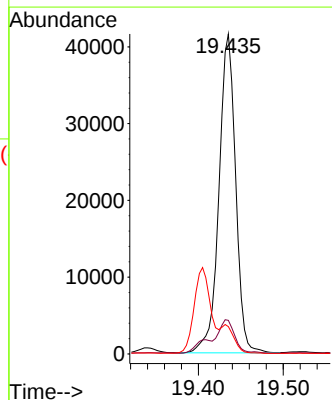
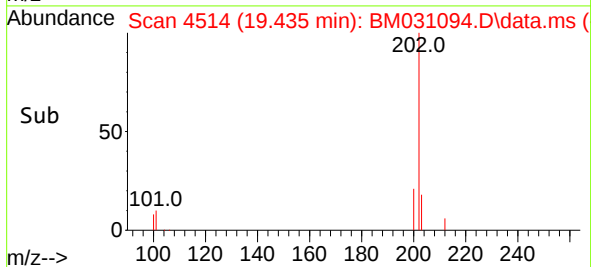
Tgt Ion:202 Resp: 80281
Ion Ratio Lower Upper
202 100
101 8.9 6.0 9.0
100 6.9 4.8 7.2



#20
Pyrene
Concen: 1.39 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29



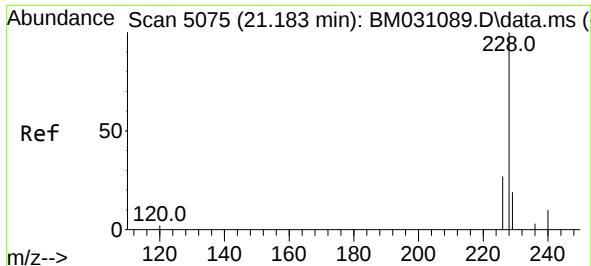
Tgt Ion:202 Resp: 56799
Ion Ratio Lower Upper
202 100
101 10.5 7.4 11.0
100 8.6 6.0 9.0



Instrument :
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ClientSampleId :
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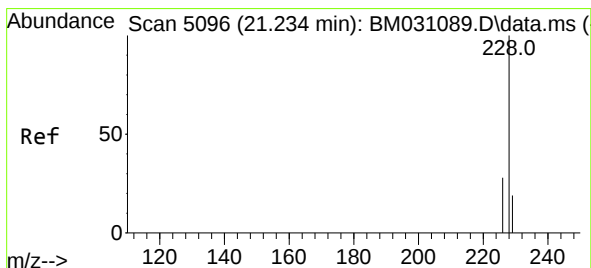
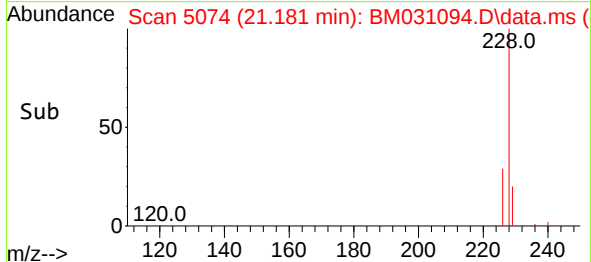
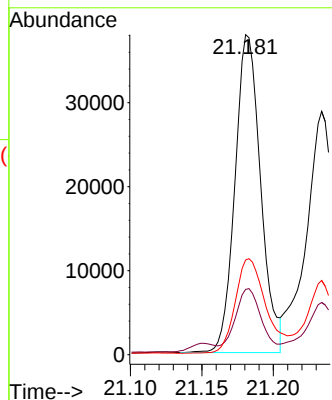
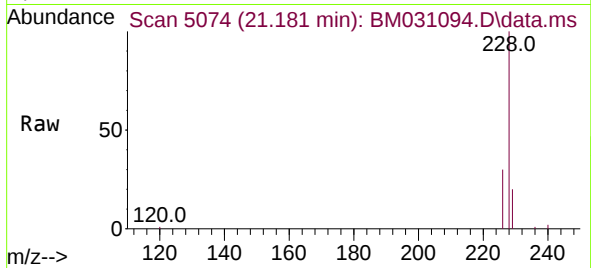
#21
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. -0.002 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:228 Resp: 47378
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.6 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGED0

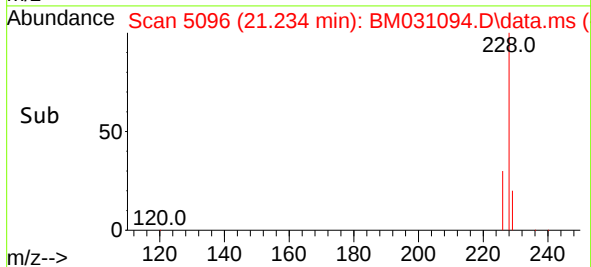
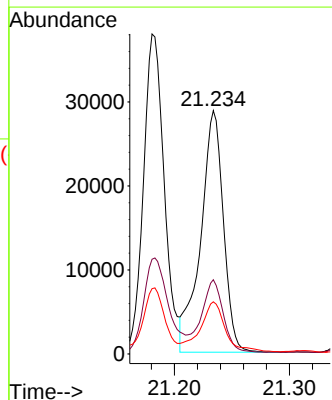
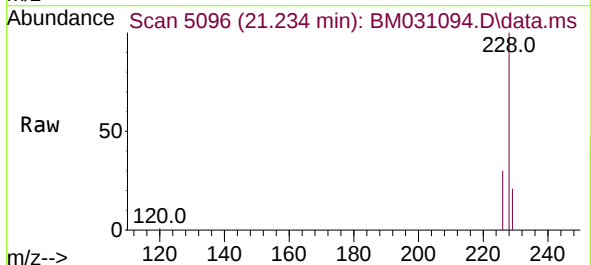
Manual Integrations
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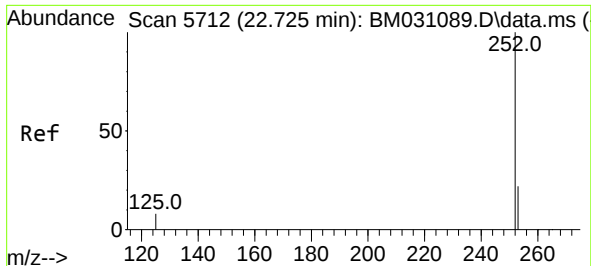
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#22
Chrysene
Concen: 0.92 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:228 Resp: 39491
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.5 15.8 23.8





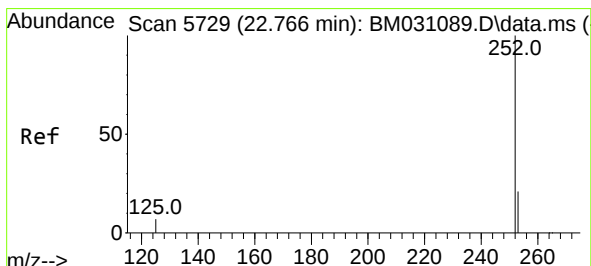
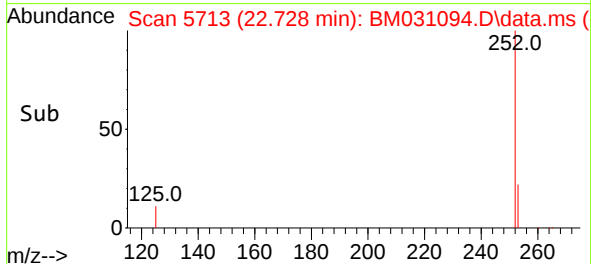
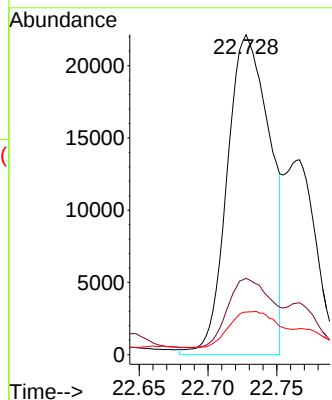
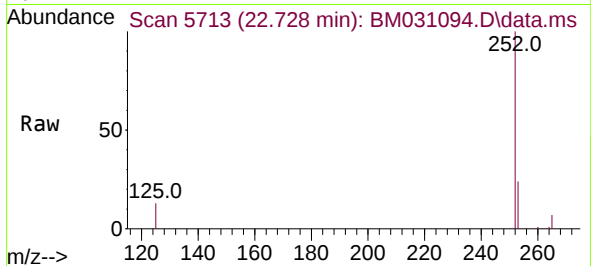
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Benzo(b)fluoranthene
Concen: 1.17 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. 0.002 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:252 Resp: 47671
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.8
125 13.3 0.0 20.2

Instrument :
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BGED0

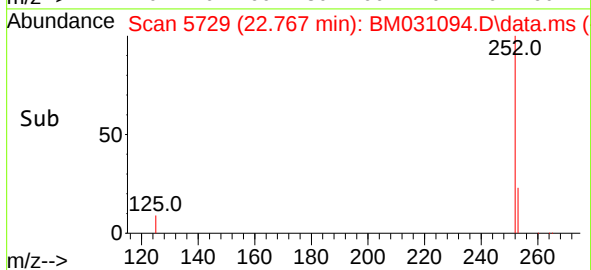
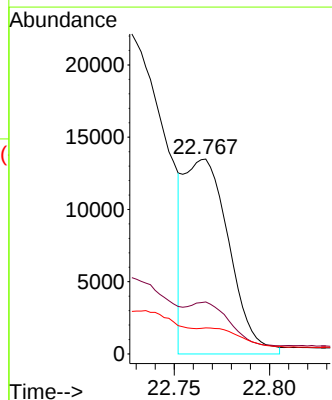
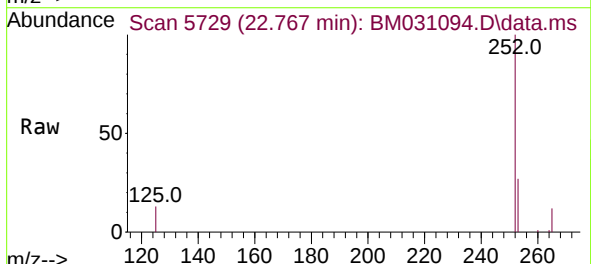
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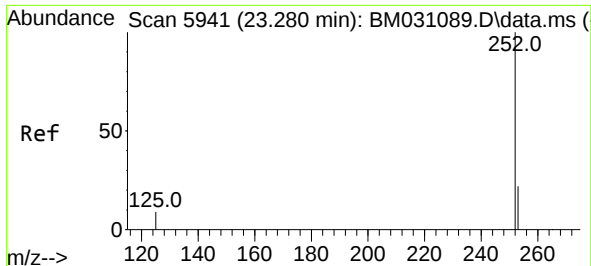
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#25
Benzo(k)fluoranthene
Concen: 0.54 ng/ul m
RT: 22.767 min Scan# 5729
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:252 Resp: 22229
Ion Ratio Lower Upper
252 100
253 26.7 21.6 32.4
125 13.4 8.6 13.0#





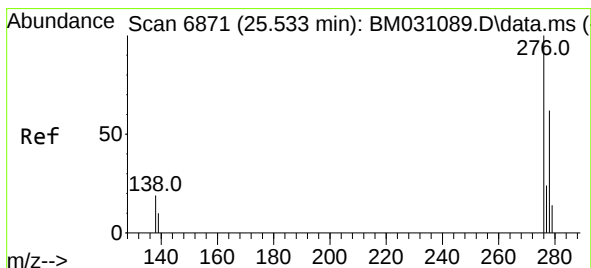
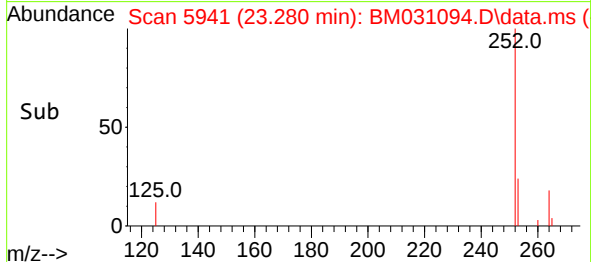
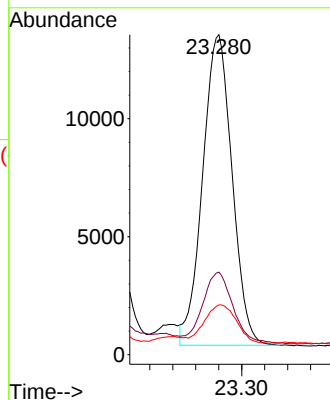
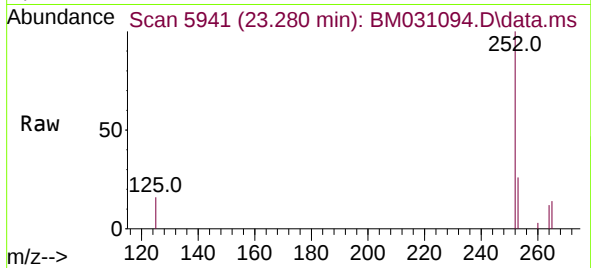
#26
Benzo(a)pyrene
Concen: 0.66 ng/ul
RT: 23.280 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:	252	Resp:	23388
Ion Ratio	Lower	Upper	
252	100		
253	25.8	23.1	34.7
125	15.6	10.7	16.1

Instrument :
BNA_M
ClientSampled :
BGED0

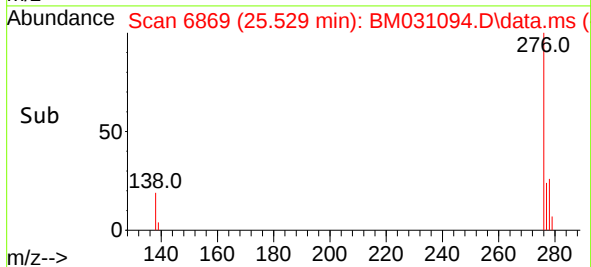
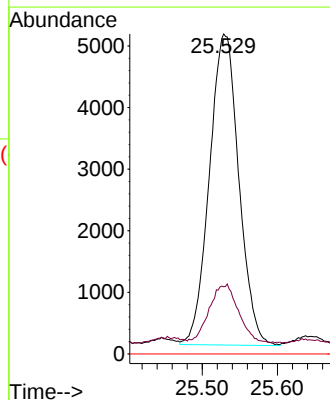
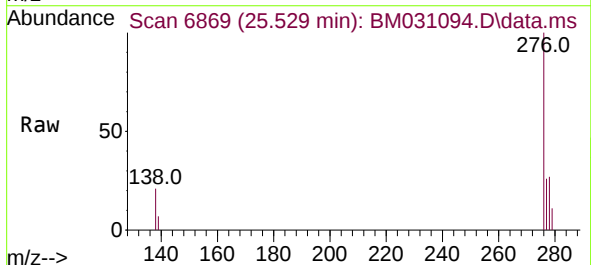
Manual Integrations
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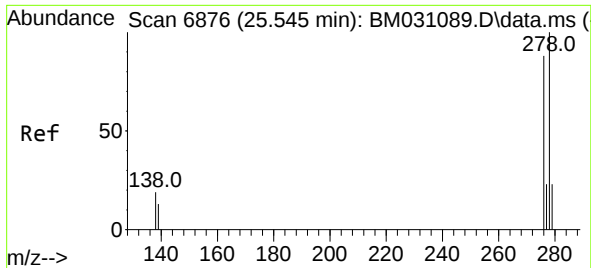
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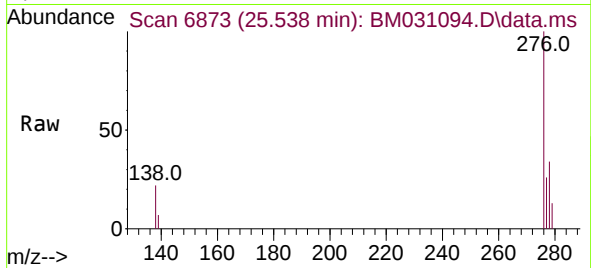
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul
RT: 25.529 min Scan# 6869
Delta R.T. -0.005 min
Lab File: BM031094.D
Acq: 23 Jul 2021 17:29

Tgt Ion:	276	Resp:	13748
Ion Ratio	Lower	Upper	
276	100		
138	19.2	15.4	23.0
227	0.0	0.0	0.0

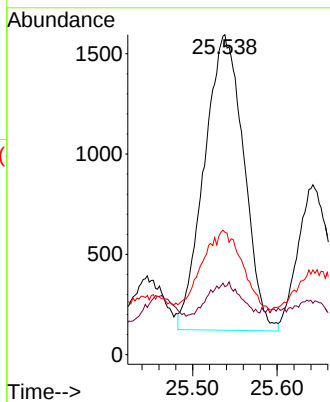
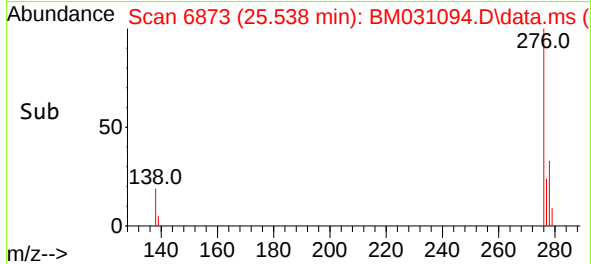




#28
 Dibenzo(a,h)anthracene
 Concen: 0.13 ng/ul
 RT: 25.538 min Scan# 6873
 Delta R.T. -0.007 min
 Lab File: BM031094.D
 Acq: 23 Jul 2021 17:29



Tgt Ion: 278 Resp: 4773
 Ion Ratio Lower Upper
 278 100
 139 21.3 12.6 18.8#
 279 38.2 22.6 34.0#



Instrument :
 BNA_M
 ClientSampleId :
 BGED0

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:25:48 PM