Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027620.D
Acq On : 06 Oct 2020 00:01
Operator : JU/CG
Sample : L4184-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 06 01:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.796	152	1410	0.40 ng/ul	0.00
2) Naphthalene-d8	10.579	136	4107	0.40 ng/ul	# 0.00
6) Acenaphthene-d10	14.423	164	3026	0.40 ng/ul	0.00
10) Phenanthrene-d10	17.164	188	7557	0.40 ng/ul	0.00
16) Chrysene-d12	21.343	240	8489	0.40 ng/ul	0.00
20) Perylene-d12	23.602	264	7331	0.40 ng/ul	# 0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	12.167	152	1226	0.16 ng/ul	0.00
14) Fluoranthene-d10	19.190	212	4233	0.20 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.628	128	494	0.04 ng/ul#	71
5) 2-Methylnaphthalene	12.239	142	509	0.06 ng/ul	99
7) Acenaphthylene	14.146	152	415	0.03 ng/ul#	65
12) Phenanthrene	17.206	178	4878	0.21 ng/ul	99
13) Anthracene	17.296	178	889m	0.04 ng/ul	
15) Fluoranthene	19.221	202	16044	0.57 ng/ul	100
17) Pyrene	19.583	202	14394m	0.37 ng/ul	
18) Benzo(a)anthracene	21.326	228	9374	0.28 ng/ul	97
19) Chrysene	21.377	228	11677	0.34 ng/ul	97
21) Benzo(b)fluoranthene	22.924	252	16172m	0.55 ng/ul	
22) Benzo(k)fluoranthene	22.960	252	5897m	0.19 ng/ul	
23) Benzo(a)pyrene	23.501	252	7688	0.29 ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.877	276	5934	0.17 ng/ul#	84
25) Dibenzo(a,h)anthracene	25.887	278	1690	0.06 ng/ul#	45
26) Benzo(g,h,i)perylene	26.573	276	7256	0.25 ng/ul	95

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

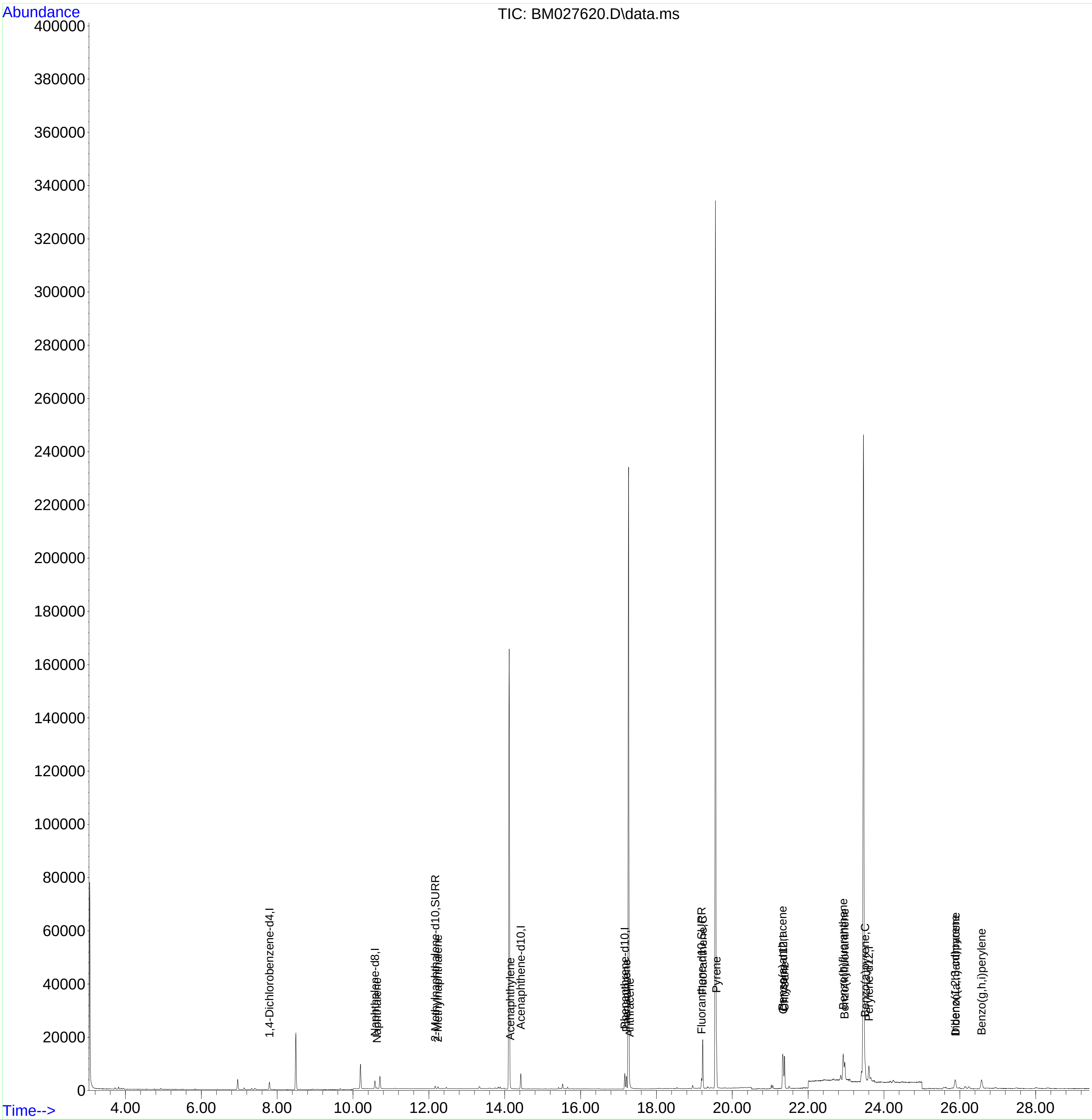
Quantitation Report (QT Reviewed)

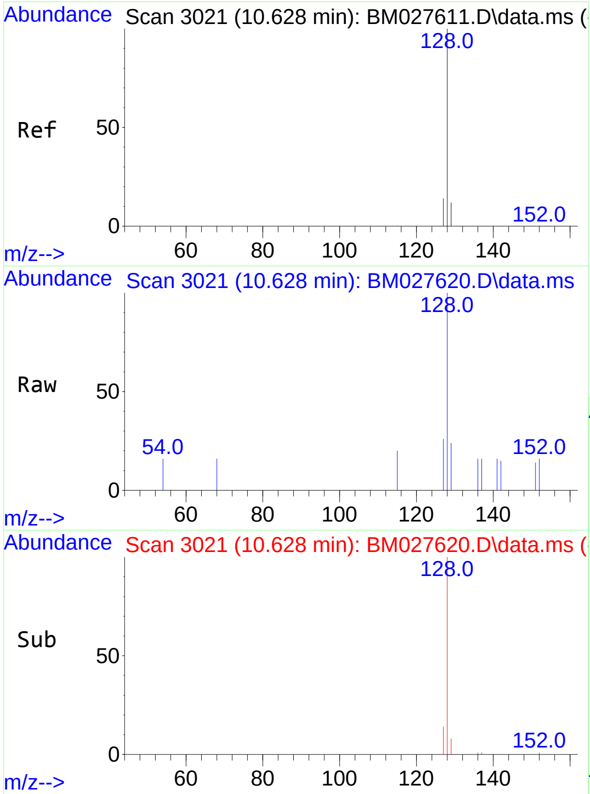
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027620.D
Acq On : 06 Oct 2020 00:01
Operator : JU/CG
Sample : L4184-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 06 01:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

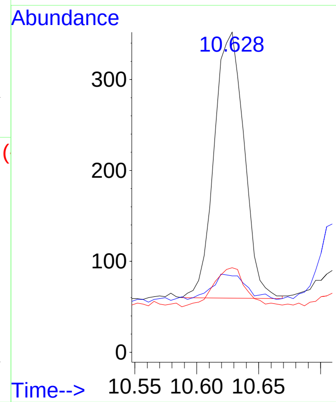




#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

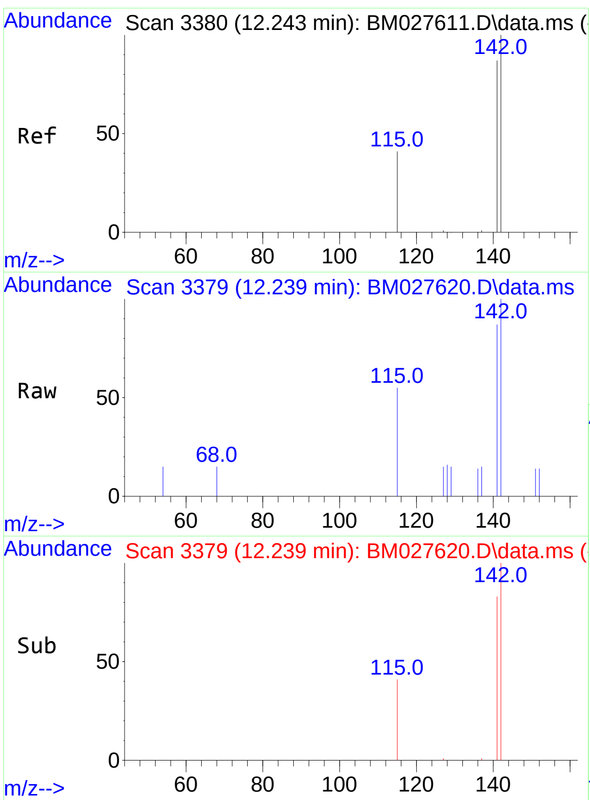
Tgt Ion:128 Resp: 494

Ion	Ratio	Lower	Upper
128	100		
129	23.9	9.9	14.9#
127	26.4	11.4	17.2#



Instrument :
BNA_M
ClientSampleId :
C0AJ7

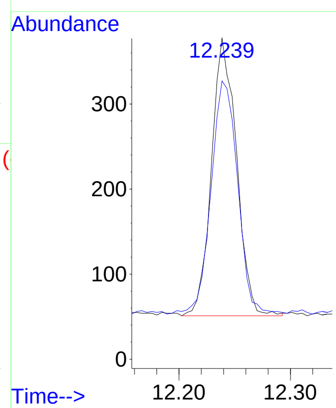
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

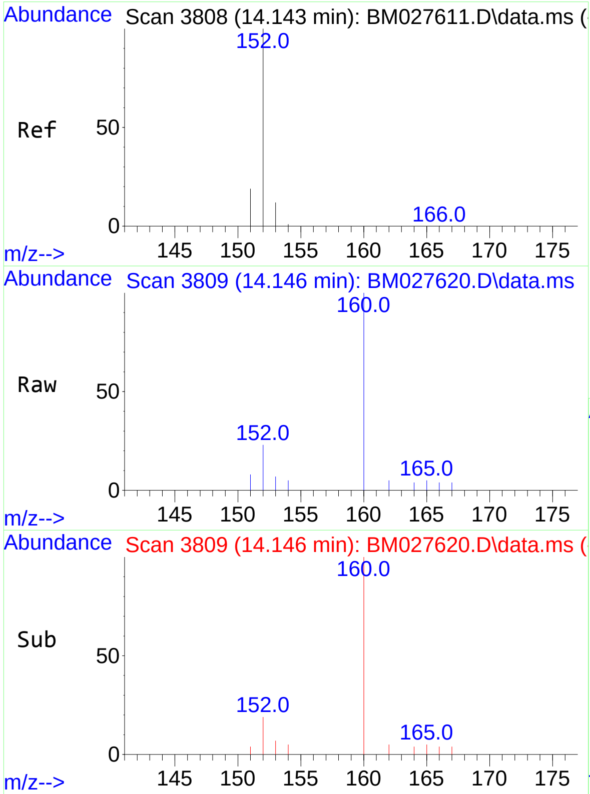


#5
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.239 min Scan# 3379
Delta R.T. -0.007 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:142 Resp: 509

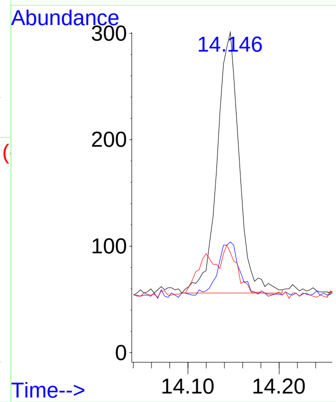
Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.9	106.3





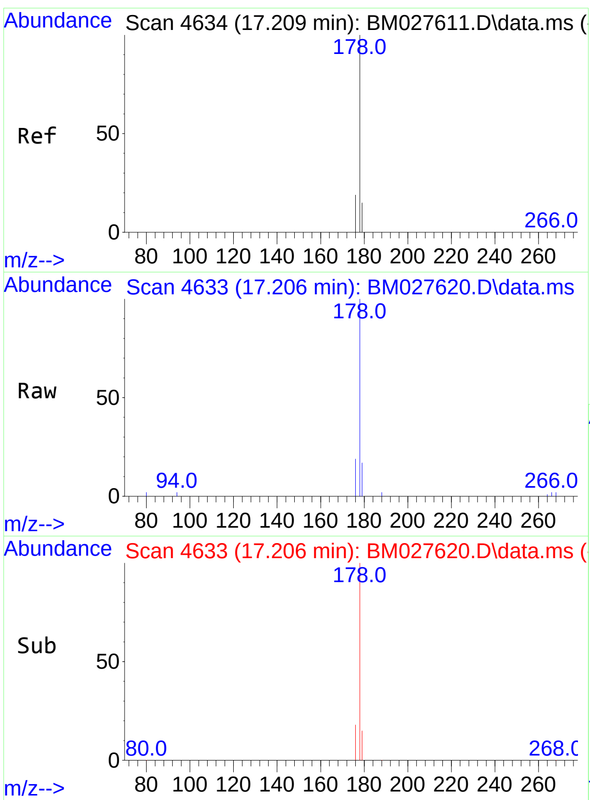
#7
Acenaphthylene
Concen: 0.03 ng/ul
RT: 14.146 min Scan# 3809
Delta R.T. 0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:152	Resp:		415
Ion	Ratio	Lower	Upper
152	100		
151	34.6	16.6	24.8#
153	31.2	11.4	17.0#



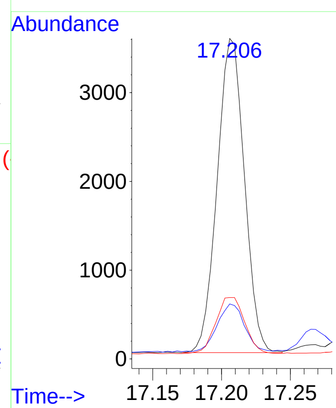
Instrument :
BNA_M
ClientSampleId :
C0AJ7

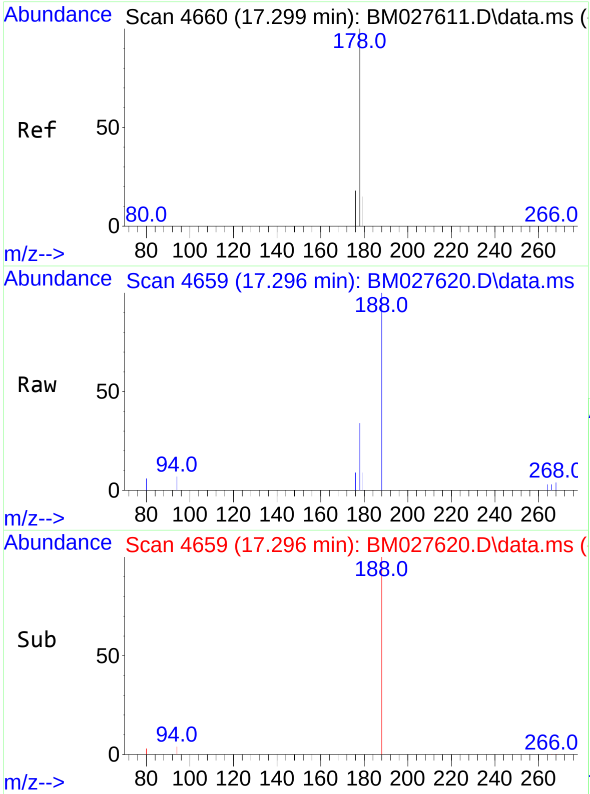
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM



#12
Phenanthrene
Concen: 0.21 ng/ul
RT: 17.206 min Scan# 4633
Delta R.T. -0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:178	Resp:		4878
Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.9	19.3
176	19.2	15.3	22.9

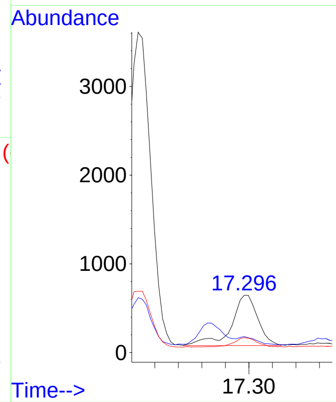




#13
Anthracene
Concen: 0.04 ng/ul m
RT: 17.296 min Scan# 4659
Delta R.T. -0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

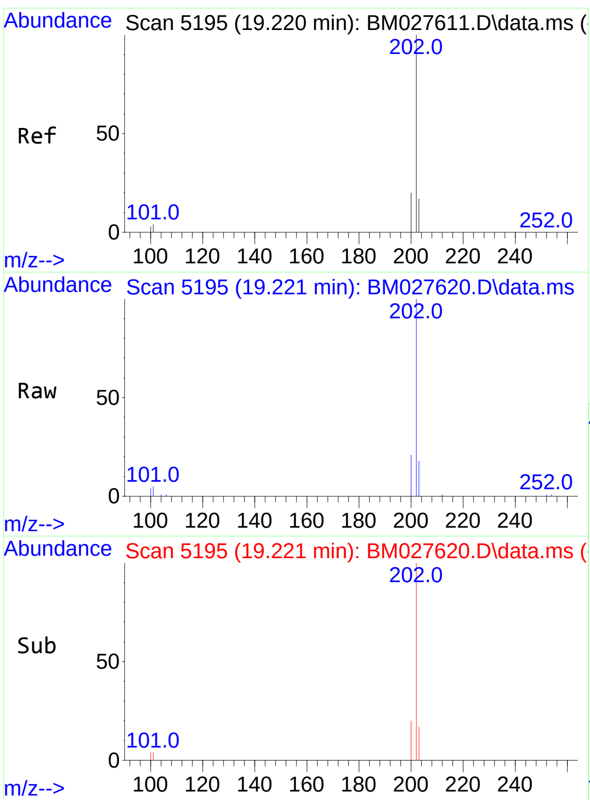
Tgt Ion:178 Resp: 889

Ion	Ratio	Lower	Upper
178	100		
179	27.9	13.0	19.4#
176	26.2	15.2	22.8#



Instrument :
BNA_M
ClientSampleId :
C0AJ7

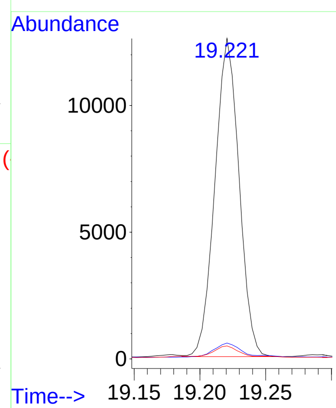
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

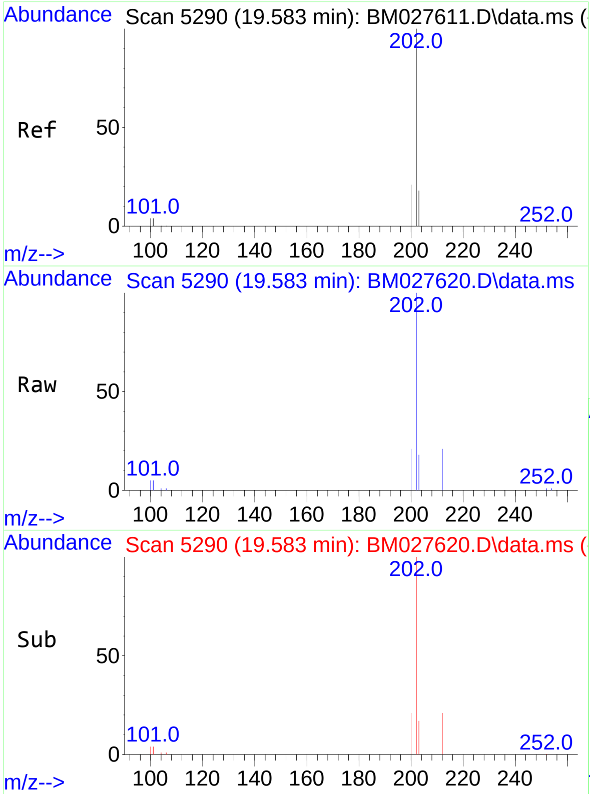


#15
Fluoranthene
Concen: 0.57 ng/ul
RT: 19.221 min Scan# 5195
Delta R.T. -0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:202 Resp: 16044

Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	24.9
100	4.1	0.0	24.1

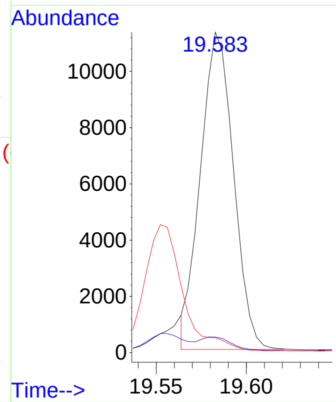




#17
Pyrene
Concen: 0.37 ng/ul m
RT: 19.583 min Scan# 5290
Delta R.T. -0.002 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

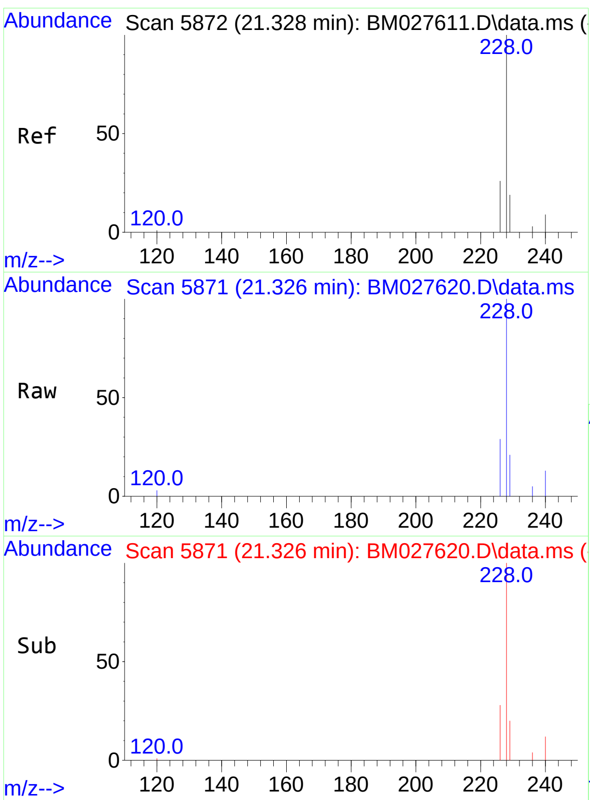
Tgt Ion:202 Resp: 14394

Ion	Ratio	Lower	Upper
202	100		
101	4.9	4.7	7.1
100	4.7	3.9	5.9



Instrument :
BNA_M
ClientSampleId :
C0AJ7

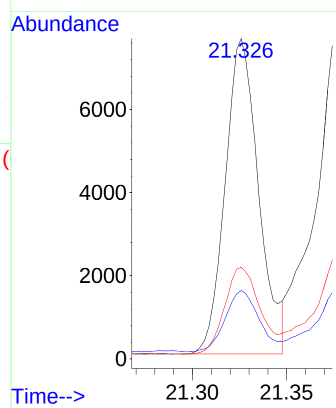
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

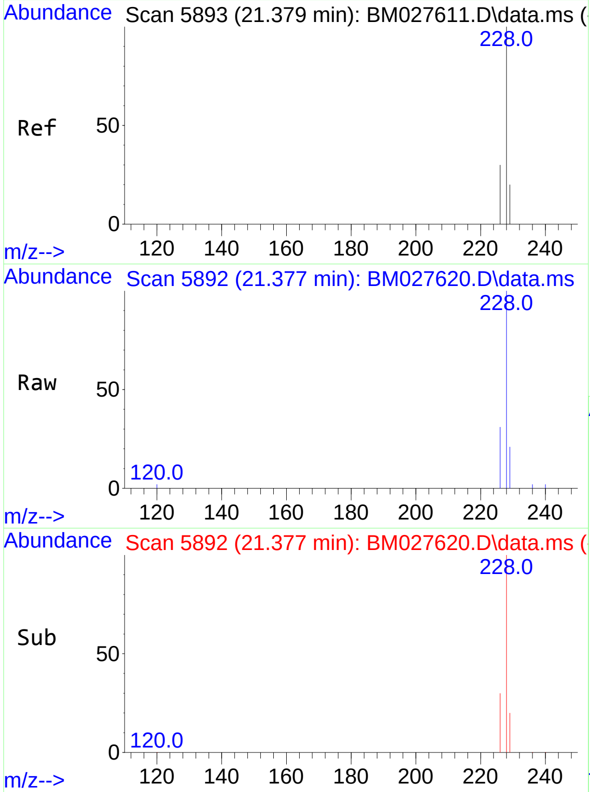


#18
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.326 min Scan# 5871
Delta R.T. -0.005 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:228 Resp: 9374

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	28.6	21.8	32.8

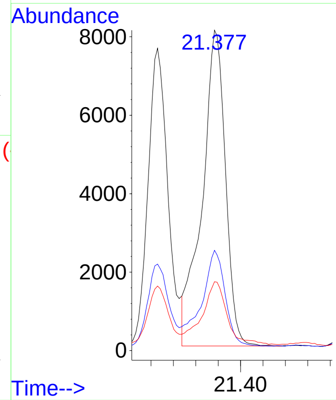




#19
Chrysene
Concen: 0.34 ng/ul
RT: 21.377 min Scan# 5892
Delta R.T. -0.005 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

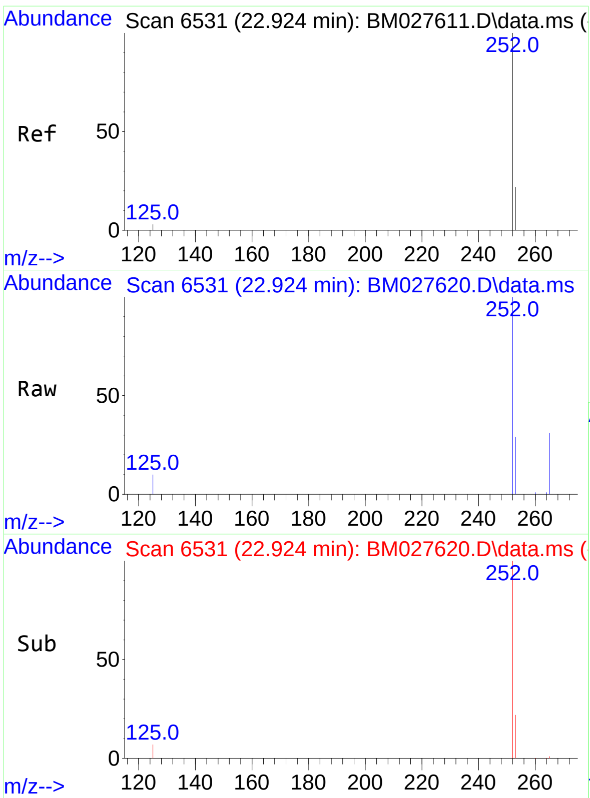
Tgt Ion:228 Resp: 11677

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.5	15.8	23.8



Instrument :
BNA_M
ClientSampleId :
C0AJ7

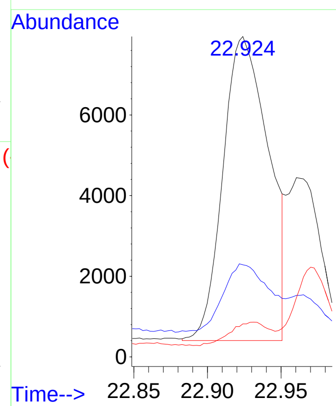
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

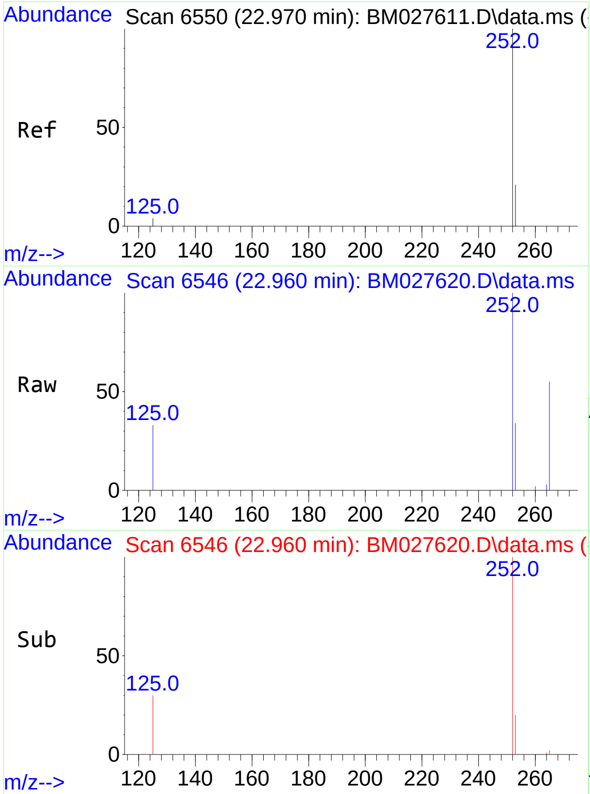


#21
Benzo(b)fluoranthene
Concen: 0.55 ng/ul m
RT: 22.924 min Scan# 6531
Delta R.T. -0.003 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:252 Resp: 16172

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	48.2
125	10.3	0.0	10.6

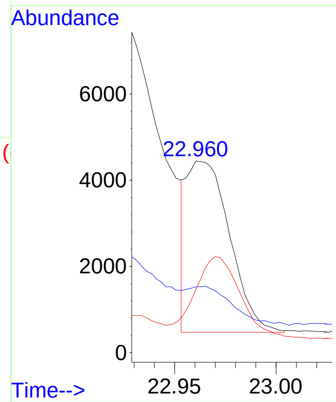




#22
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.960 min Scan# 6546
Delta R.T. -0.012 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

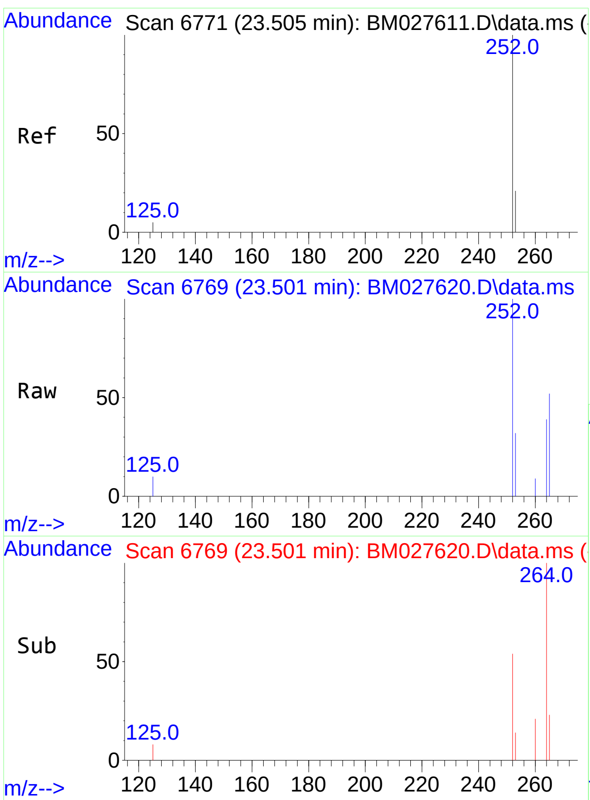
Tgt Ion:252 Resp: 5897

Ion	Ratio	Lower	Upper
252	100		
253	34.3	19.1	28.7#
125	33.0	5.0	7.4#



Instrument :
BNA_M
ClientSampleId :
C0AJ7

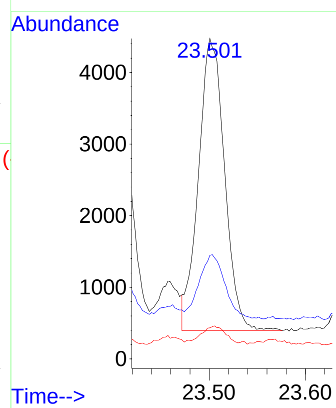
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM

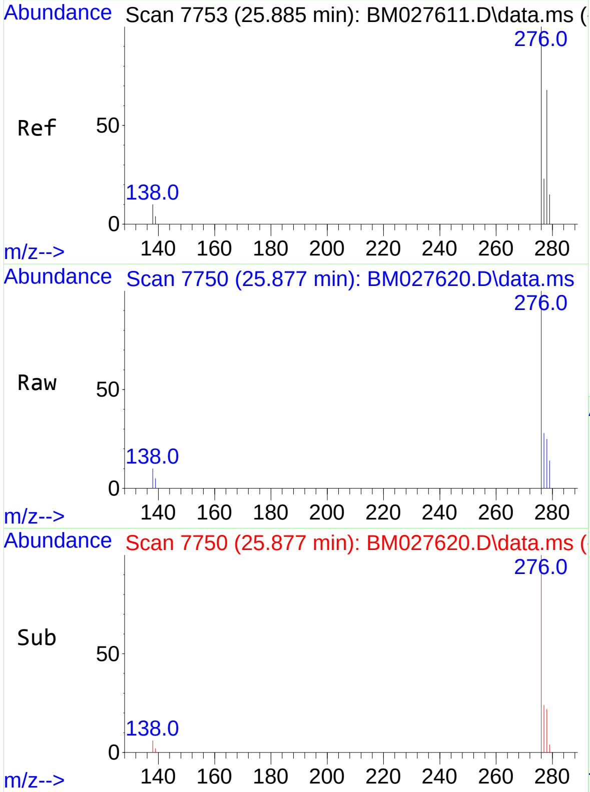


#23
Benzo(a)pyrene
Concen: 0.29 ng/ul
RT: 23.501 min Scan# 6769
Delta R.T. -0.007 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:252 Resp: 7688

Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.6	29.4#
125	9.7	5.0	7.6#

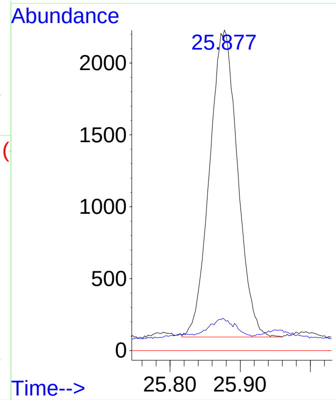


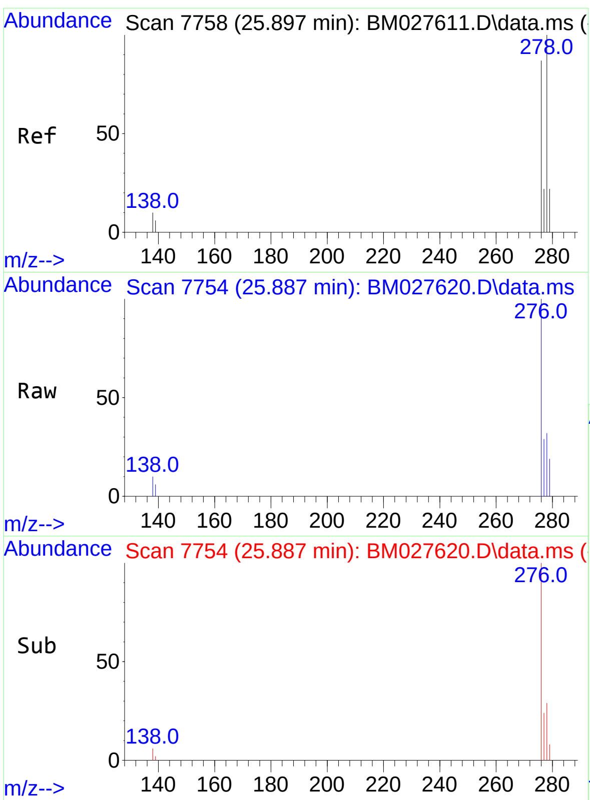


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng/ul
RT: 25.877 min Scan# 7750
Delta R.T. -0.010 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:276 Resp: 5934

Ion	Ratio	Lower	Upper
276	100		
138	4.8	8.6	12.8#
227	0.0	0.0	0.0

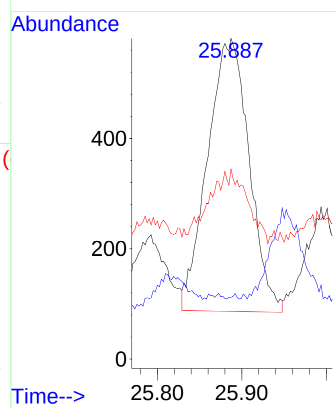




#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.887 min Scan# 7754
Delta R.T. -0.015 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

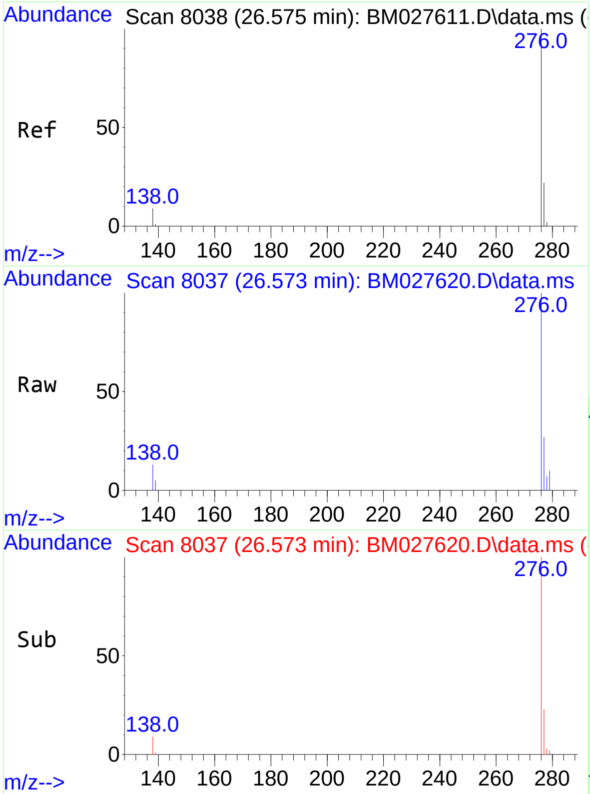
Tgt Ion:278 Resp: 1690

Ion	Ratio	Lower	Upper
278	100		
139	19.3	7.6	11.4#
279	59.2	20.7	31.1#



Instrument :
BNA_M
ClientSampleId :
C0AJ7

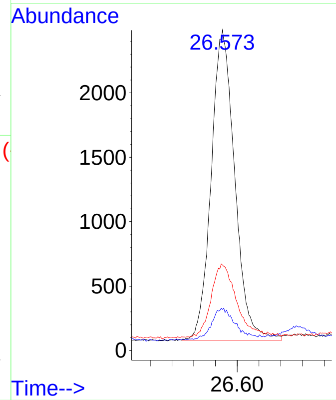
Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM



#26
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.573 min Scan# 8037
Delta R.T. -0.010 min
Lab File: BM027620.D
Acq: 06 Oct 2020 00:01

Tgt Ion:276 Resp: 7256

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.0	13.4
277	26.7	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AJ7

Manual Integrations APPROVED
mohammad
10/6/2020 3:24:14 PM