

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021266.D
 Acq On : 29 Jun 2019 17:39
 Operator : HP/JU
 Sample : K3593-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD7

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:43:00 PM

Quant Time: Jul 02 00:57:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	275139	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1175041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	708838	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1469968	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1148943	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1349693	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21265	3.67	ng/uL	0.00
5) Phenol-d5	6.93	99	581400	24.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	352960	24.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	490392	25.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	514697	25.75	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	263686	27.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	313975	29.64	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	582989	27.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	292770	13.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1806651	28.21	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2142539	27.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	228359	21.92	ng/ul	0.00
57) Fluorene-d10	15.39	176	1515450	27.20	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	188625	20.87	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2059874	26.97	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1955916	28.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2102875	26.41	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.92	77	12479	1.143	ng/ul 94
44) Dimethylphthalate	13.86	163	703978	12.074	ng/ul 100
69) Phenanthrene	17.19	178	505686	6.220	ng/ul 99
76) Fluoranthene	19.21	202	970233	11.045	ng/ul 100
79) Pyrene	19.57	202	769157	9.469	ng/ul 100
82) Benzo(a)anthracene	21.32	228	392102	5.006	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.24	149	48253	1.127	ng/ul 99
84) Chrysene	21.37	228	432754	5.899	ng/ul 97
87) Benzo(b)fluoranthene	22.92	252	665696	7.786	ng/ul# 97
88) Benzo(k)fluoranthene	22.96	252	223044m	2.712	ng/ul
90) Benzo(a)pyrene	23.50	252	391121	4.860	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.89	276	309247	3.264	ng/ul 97
93) Benzo(g,h,i)perylene	26.60	276	248448	3.183	ng/ul 96

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

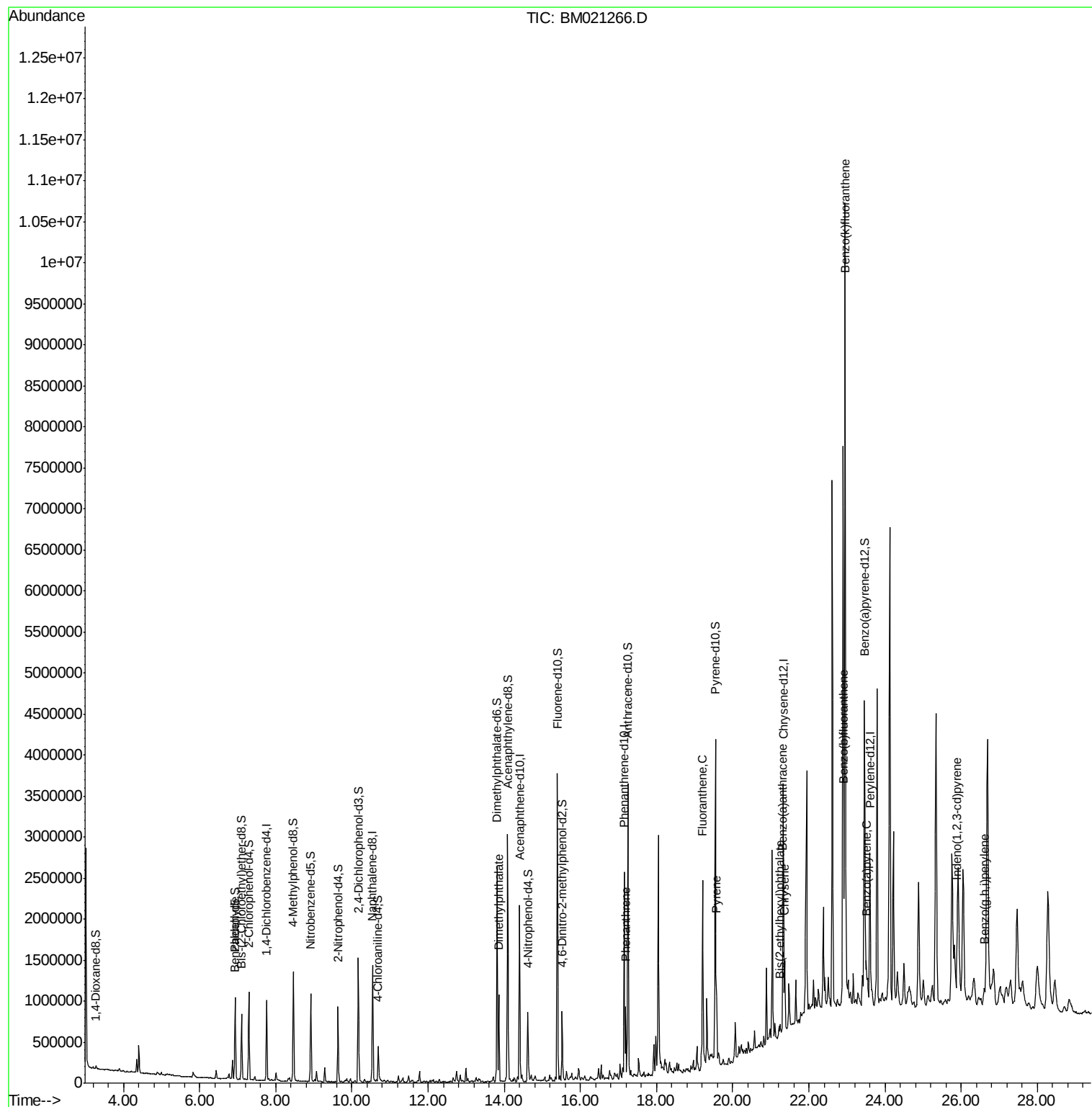
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021266.D
Acq On : 29 Jun 2019 17:39
Operator : HP/JU
Sample : K3593-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

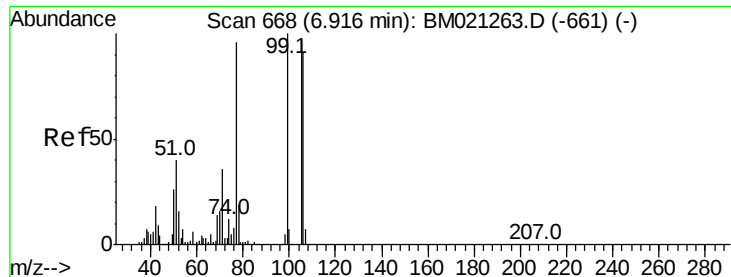
Instrument :
BNA_M
ClientSampleId :
C5BD7

Quant Time: Jul 02 00:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:00 PM





#4

Benzaldehyde

Concen: 1.143 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

Instrument :

BNA_M

ClientSampleId :

C5BD7

Tot Ion: 77 Resp: 12479

Ion Ratio Lower Upper

77 100

105 88.0 78.1 117.1

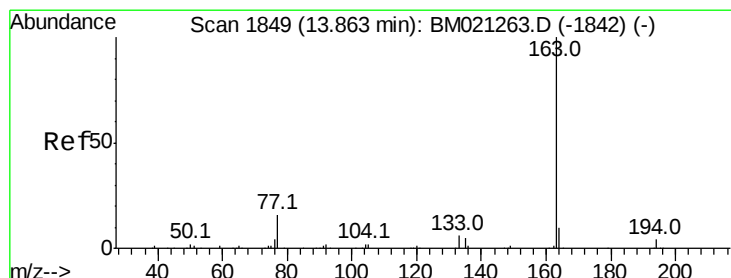
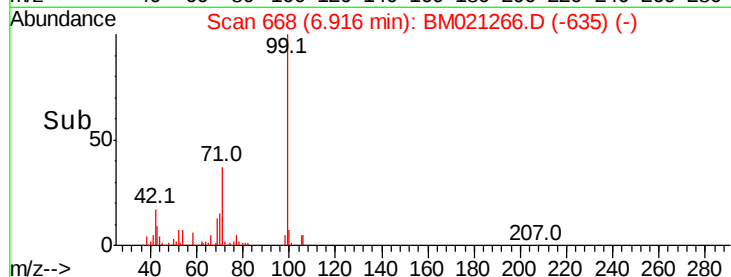
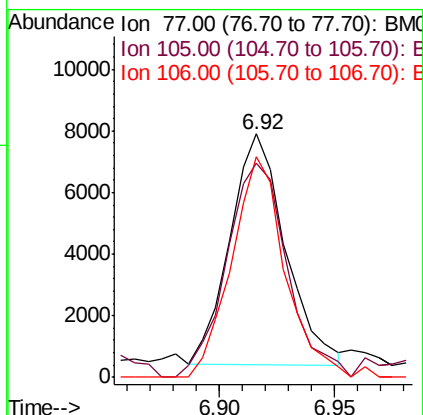
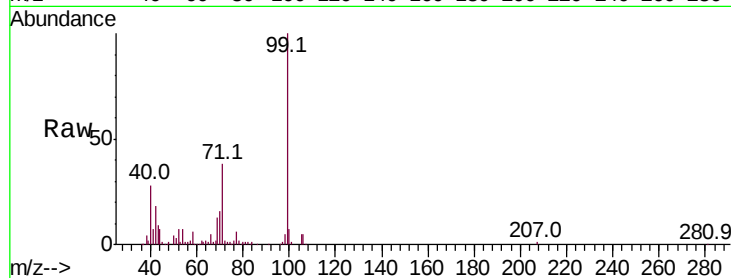
106 90.5 73.4 110.2

Manual Integrations

APPROVED

mohammad

7/1/2019 2:43:00 PM



#44

Dimethylphthalate

Concen: 12.074 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

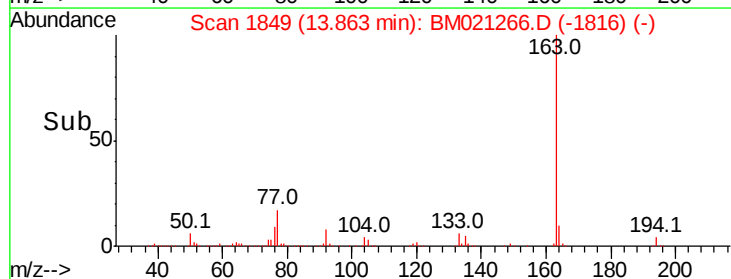
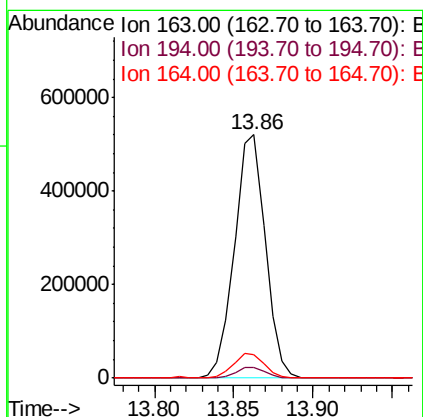
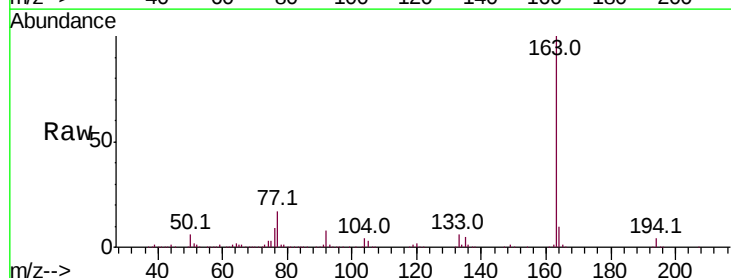
Tgt Ion: 163 Resp: 703978

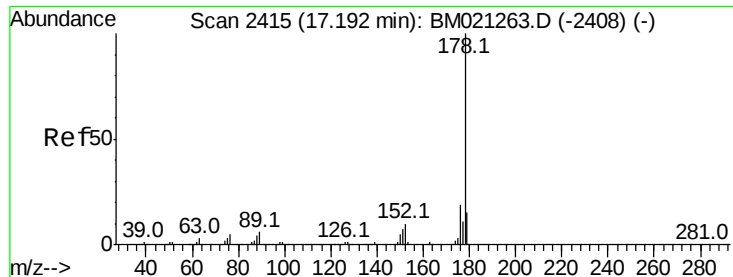
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

164 9.7 7.7 11.5





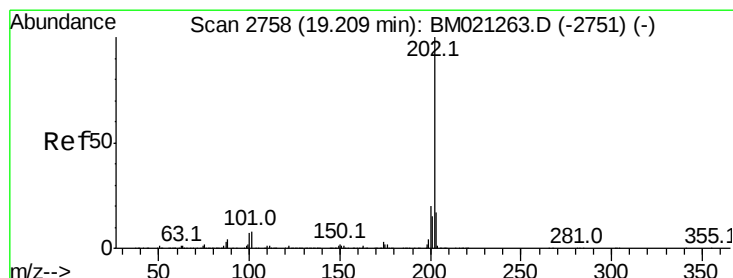
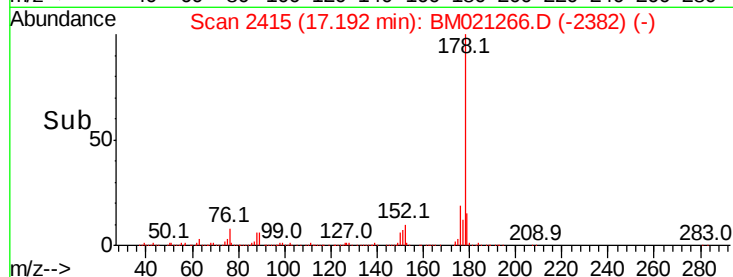
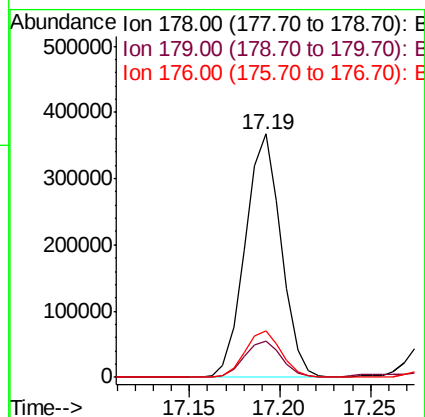
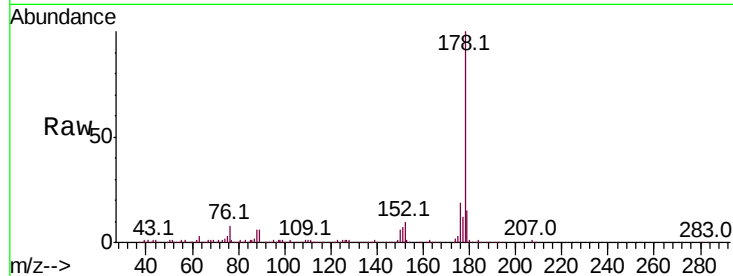
#69
Phenanthrene
Concen: 6.220 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021266.D
Acq: 29 Jun 2019 17:39

Instrument :
BNA_M
ClientSampled :
C5BD7

Tot Ion:178	Resp:	505686
Ion Ratio	Lower	Upper
178 100		
179 15.1	11.8	17.8
176 19.0	15.0	22.6

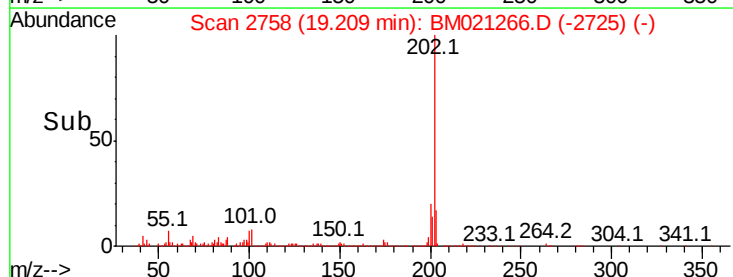
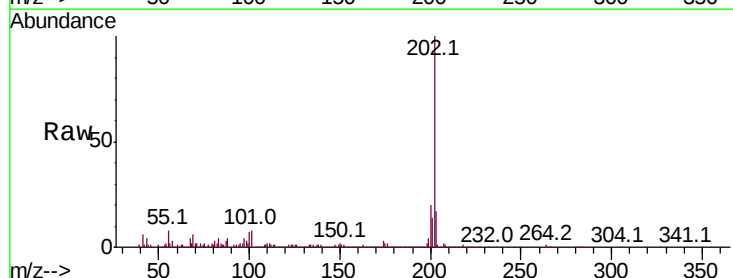
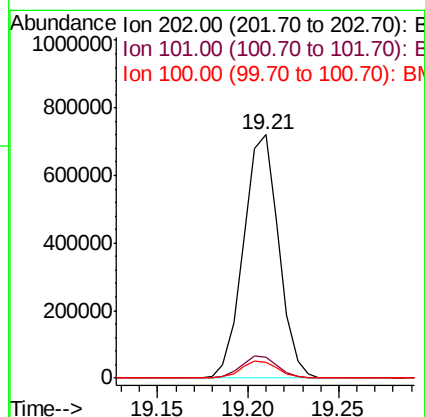
Manual Integrations
APPROVED

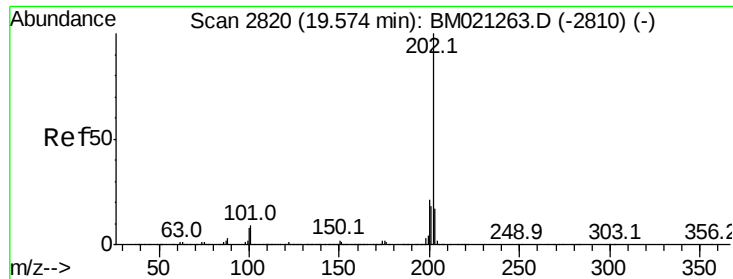
mohammad
7/1/2019 2:43:00 PM



#76
Fluoranthene
Concen: 11.045 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021266.D
Acq: 29 Jun 2019 17:39

Tgt Ion:202	Resp:	970233
Ion Ratio	Lower	Upper
202 100		
101 8.5	6.7	10.1
100 6.6	5.5	8.3





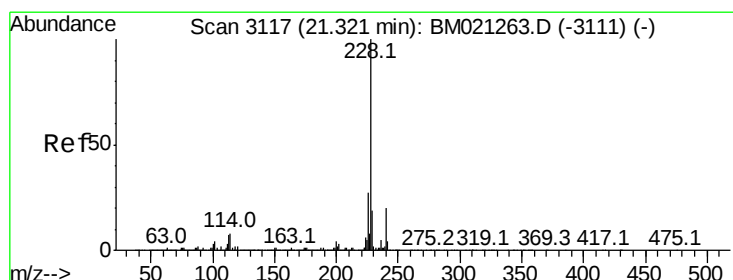
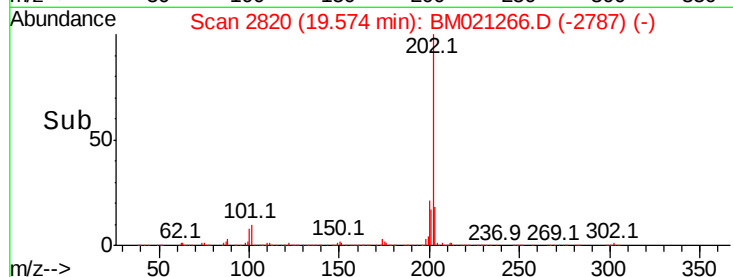
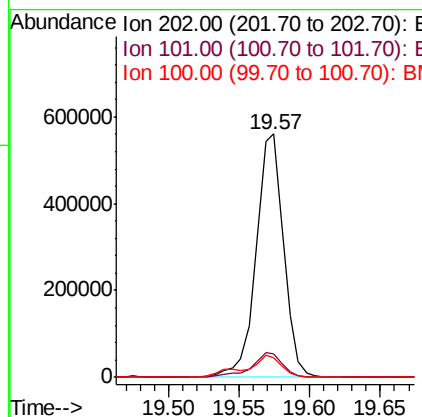
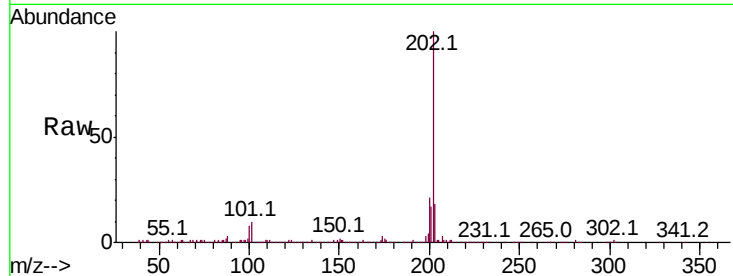
#79
Pvrene
Concen: 9.469 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021266.D
Acq: 29 Jun 2019 17:39

Instrument :
BNA_M
ClientSampleId :
C5BD7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	8.1	12.1
100	8.3	6.6	10.0

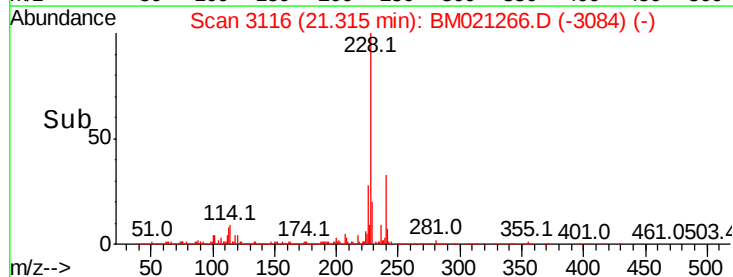
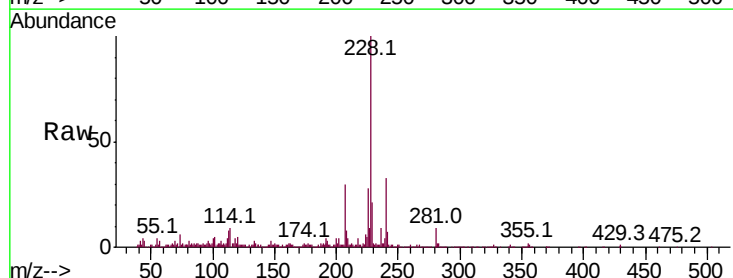
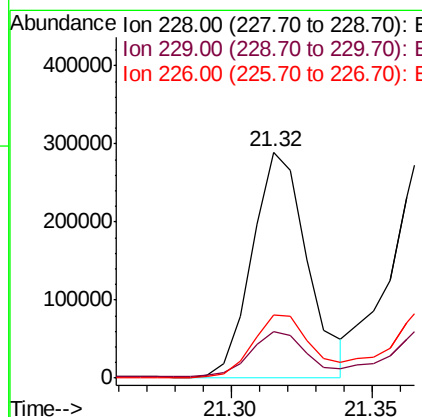
Manual Integrations
APPROVED

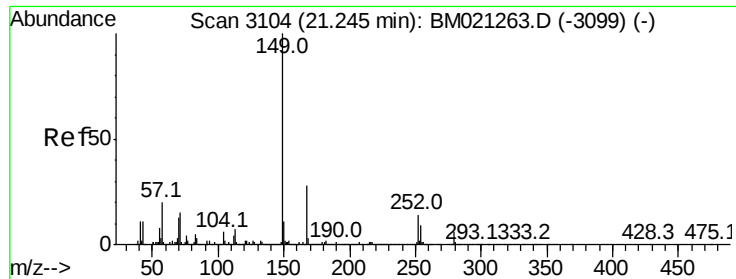
mohammad
7/1/2019 2:43:00 PM



#82
Benzo(a)anthracene
Concen: 5.006 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM021266.D
Acq: 29 Jun 2019 17:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	15.8	23.8
226	27.9	21.4	32.2





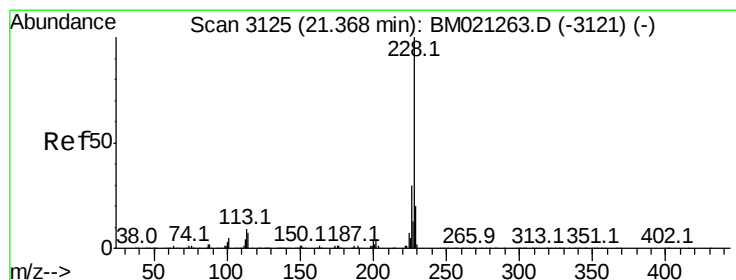
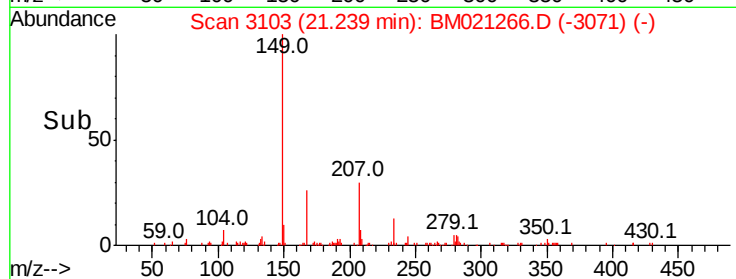
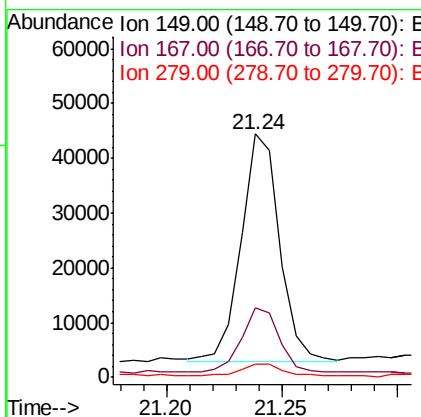
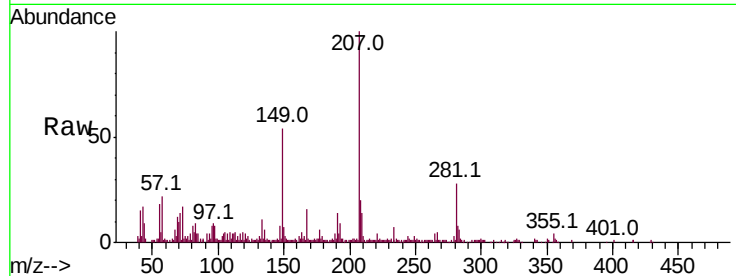
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.127 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM021266.D
 Acq: 29 Jun 2019 17:39

Instrument :
 BNA_M
 ClientSampleId :
 C5BD7

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.3	33.5
279	5.2	3.8	5.6

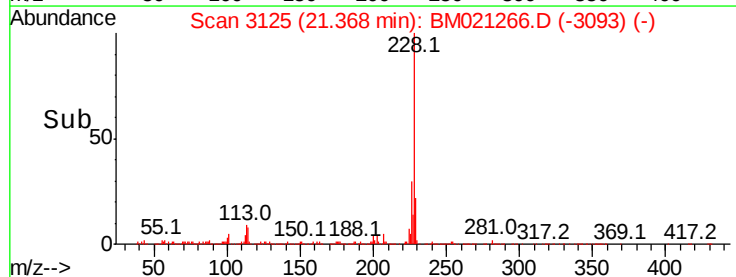
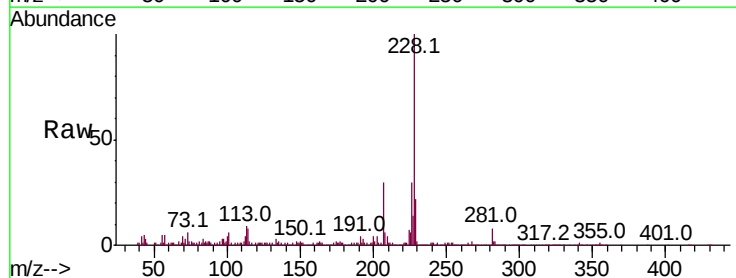
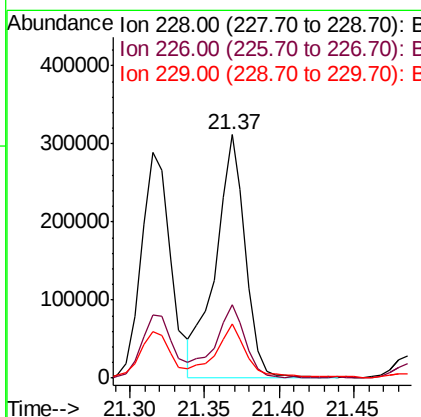
Manual Integrations
 APPROVED

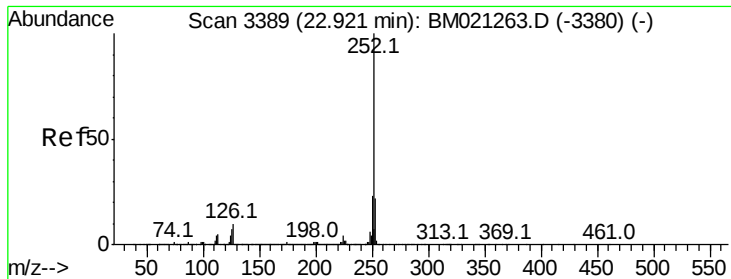
mohammad
 7/1/2019 2:43:00 PM



#84
 Chrysene
 Concen: 5.899 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM021266.D
 Acq: 29 Jun 2019 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	22.2	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 7.786 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

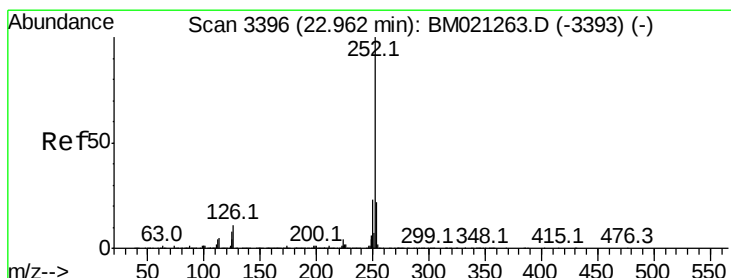
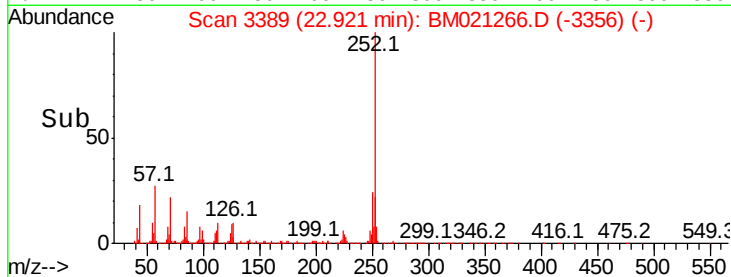
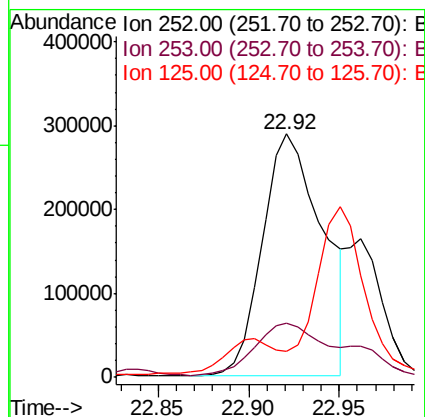
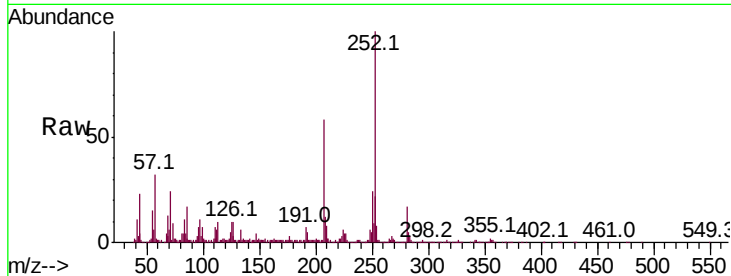
Instrument :
BNA_M

ClientSampleId :
C5BD7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.5	6.3	9.5

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:00 PM



#88

Benzo(k)fluoranthene

Concen: 2.712 ng/ul m

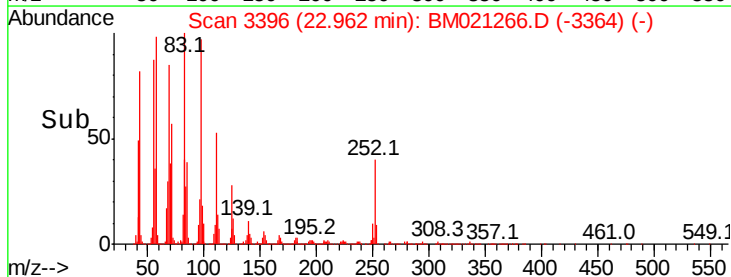
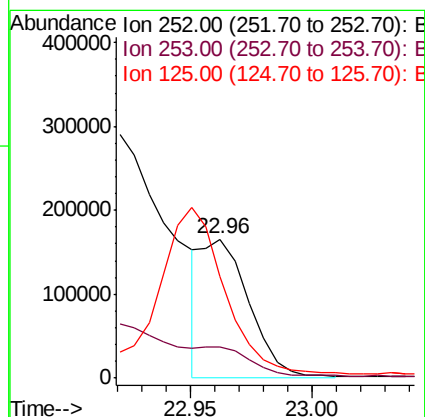
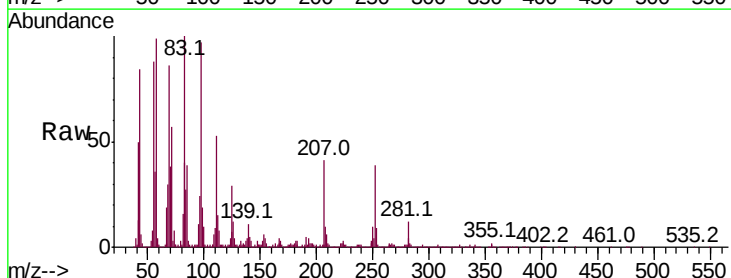
RT: 22.96 min Scan# 3396

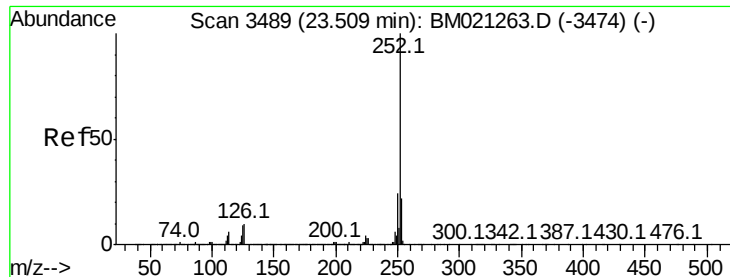
Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	73.1	6.6	9.8





#90

Benzo(a)pyrene

Concen: 4.860 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

Instrument :

BNA_M

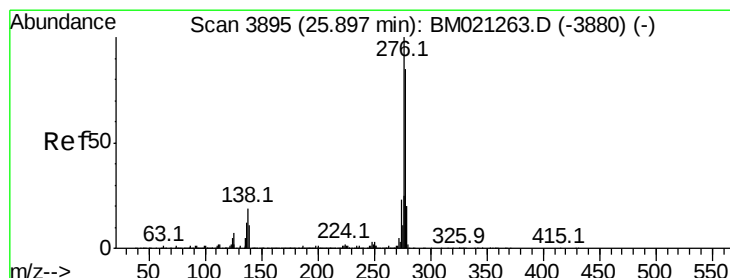
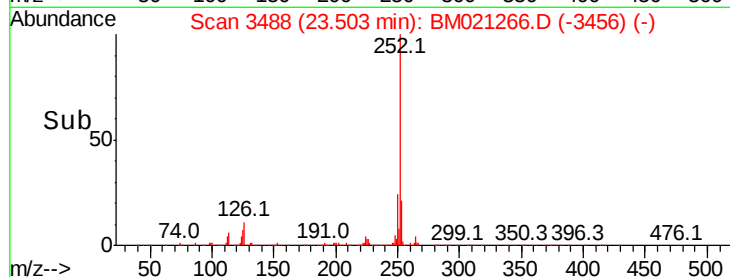
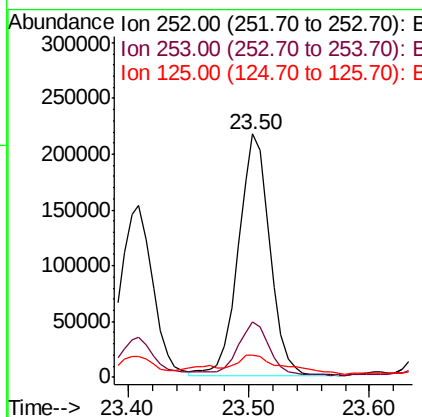
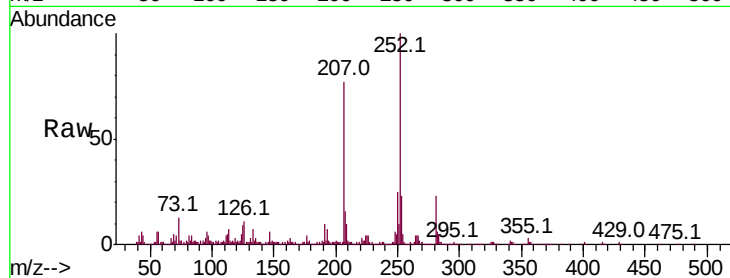
ClientSampled :

C5BD7

Tot Ion:	252	Resp:	391121
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	9.2	7.2	10.8

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:00 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.264 ng/ul

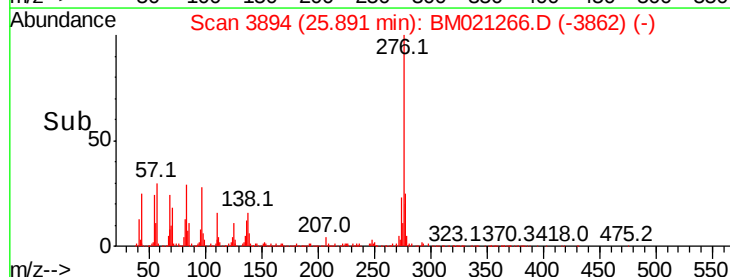
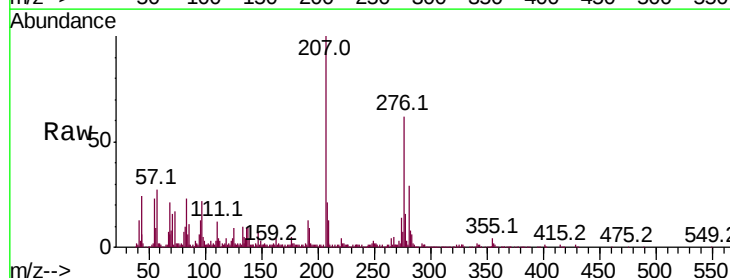
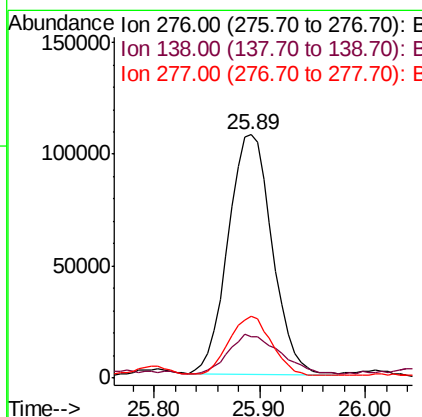
RT: 25.89 min Scan# 3894

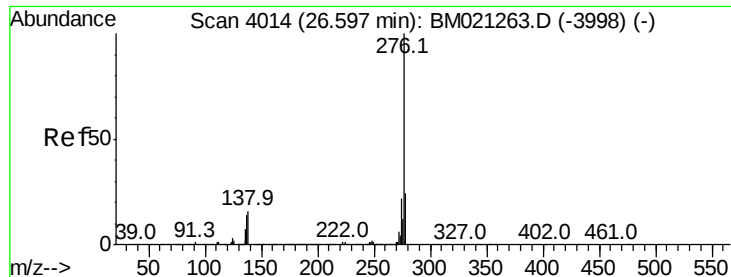
Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

Tgt Ion:	276	Resp:	309247
Ion Ratio	Lower	Upper	
276	100		
138	17.0	15.9	23.9
277	25.5	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 3.183 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021266.D

Acq: 29 Jun 2019 17:39

Instrument :

BNA_M

ClientSampleId :

C5BD7

Tot Ion:	276	Resp:	248448
Ion Ratio	Lower	Upper	
276	100		
138	16.3	14.6	21.8
277	25.4	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:00 PM

