

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009635.D
 Acq On : 07 Feb 2020 07:11
 Operator : CG/JU
 Sample : L1324-14 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAT69

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:21 AM

Quant Time: Feb 07 13:31:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	205196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	843516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	510708	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1015086	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	869178	20.00	ng/ul	0.01
85) Perylene-d12	23.17	264	986498	20.00	ng/ul	0.02

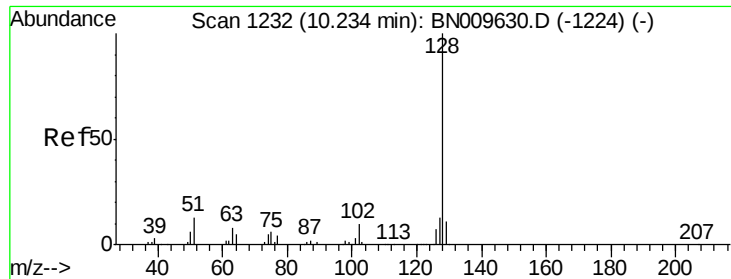
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	303	0.06	ng/uL	0.02
5) Phenol-d5	6.65	99	16051	0.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	10321	0.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	13247	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	12757	0.90	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	5312	0.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	6442	0.92	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	12063	0.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	7513	0.53	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	41447	1.11	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	50295	1.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	4067m	0.58	ng/ul	0.02
57) Fluorene-d10	15.07	176	36988	1.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3467	0.55	ng/ul	0.01
70) Anthracene-d10	16.92	188	58975	1.28	ng/ul	0.00
78) Pyrene-d10	19.24	212	59316	1.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	57507	1.18	ng/ul	0.01

Target Compounds

					Ovalue
28) Naphthalene	10.23	128	97309	2.127	ng/ul 97
47) Acenaphthylene	13.79	152	1727262	35.038	ng/ul 99
58) Fluorene	15.15	166	80090	2.054	ng/ul# 56
69) Phenanthrene	16.87	178	247420	4.274	ng/ul 99
71) Anthracene	16.96	178	876020	14.914	ng/ul 99
76) Fluoranthene	18.90	202	4608498	69.751	ng/ul 97
79) Pyrene	19.28	202	12958359m	204.229	ng/ul
82) Benzo(a)anthracene	21.03	228	4571902m	76.183	ng/ul
84) Chrysene	21.09	228	3627118	60.711	ng/ul 97
87) Benzo(b)fluoranthene	22.56	252	3433108	55.623	ng/ul 98
88) Benzo(k)fluoranthene	22.58	252	1240779m	20.413	ng/ul
90) Benzo(a)pyrene	23.09	252	3376435	59.044	ng/ul 94
91) Indeno(1,2,3-cd)pyrene	25.24	276	1592911	23.430	ng/ul 96
92) Dibenzo(a,h)anthracene	25.23	278	556038	9.716	ng/ul# 80
93) Benzo(g,h,i)perylene	25.87	276	1642802	28.831	ng/ul 97

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



#28

Naphthalene

Concen: 2.127 ng/ul

RT: 10.23 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BN009635.D

Acq: 07 Feb 2020 07:11

Instrument :

BNA_N

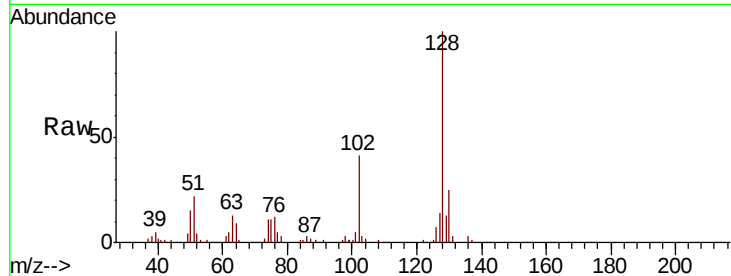
ClientSampled :

GAT69

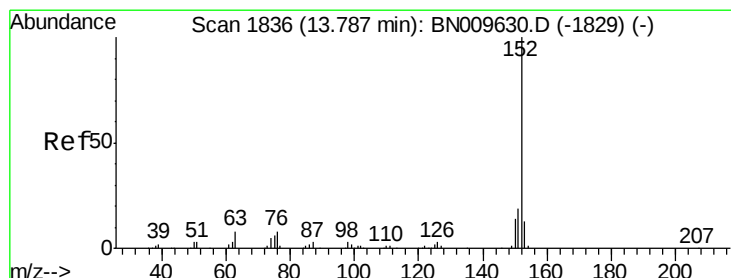
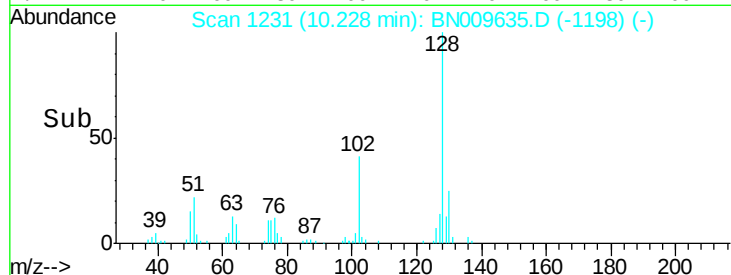
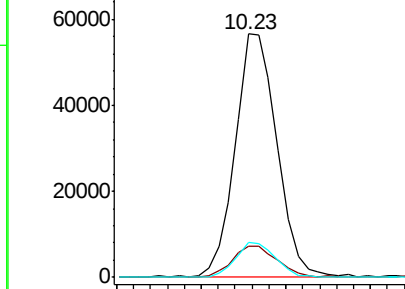
Tot Ion:	128	Resp:	97309
Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.7	13.1
127	14.3	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#47

Acenaphthylene

Concen: 35.038 ng/ul

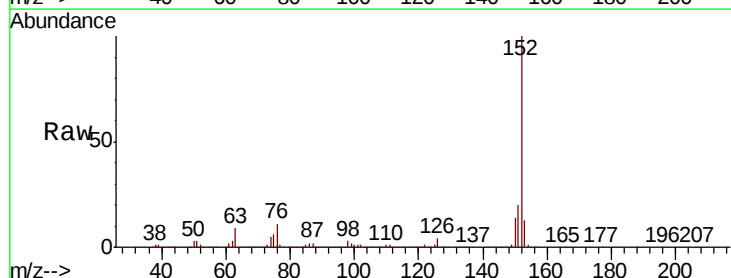
RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

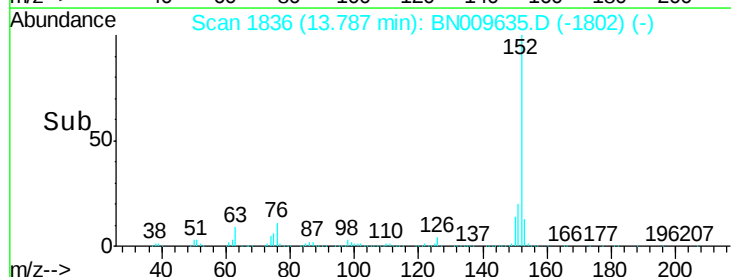
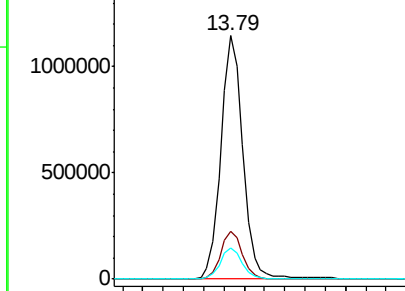
Lab File: BN009635.D

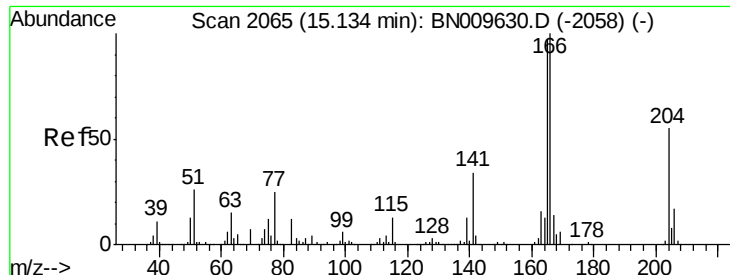
Acq: 07 Feb 2020 07:11

Tgt Ion:	152	Resp:	1727262
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.0	10.6	15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





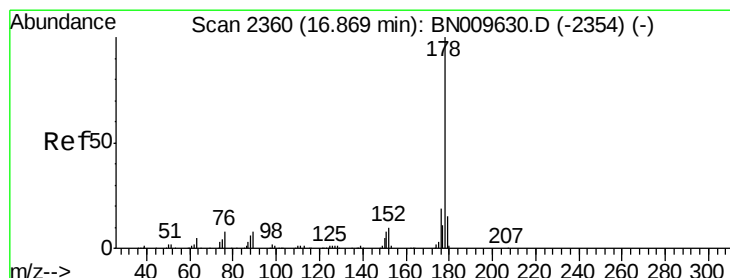
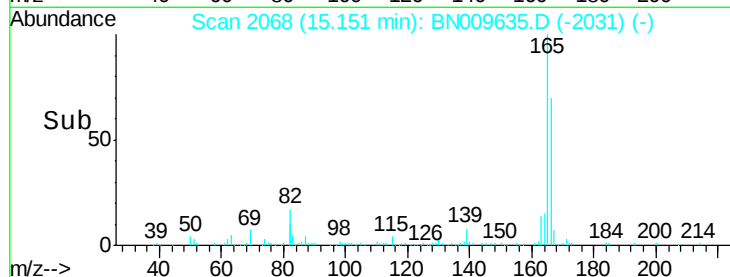
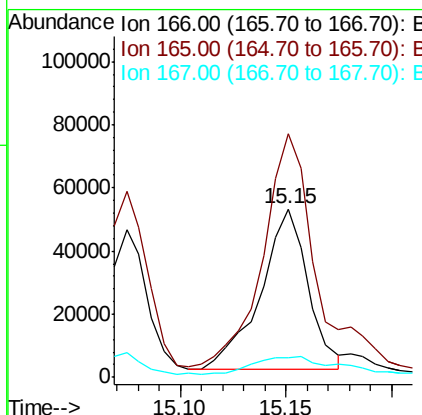
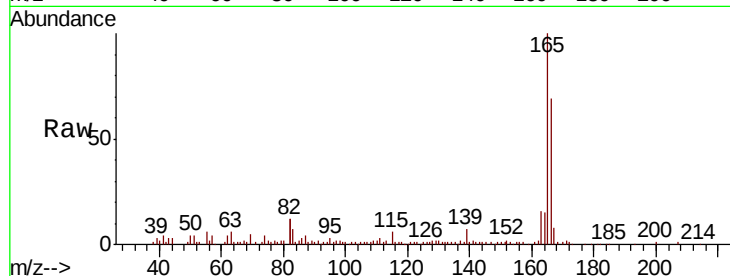
#58
 Fluorene
 Concen: 2.054 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: BN009635.D
 Acq: 07 Feb 2020 07:11

Instrument :
 BNA_N
 ClientSampled :
 GAT69

Tot Ion	Ratio	Lower	Upper
166	100		
165	144.3	76.7	115.1#
167	11.7	11.1	16.7

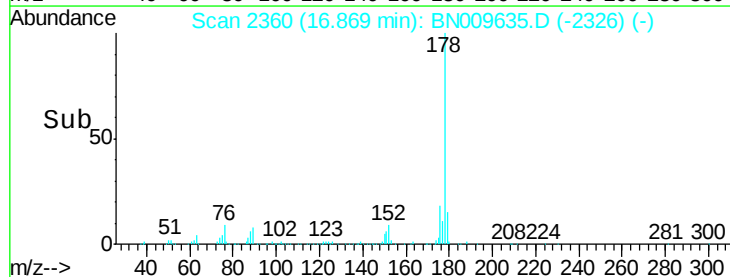
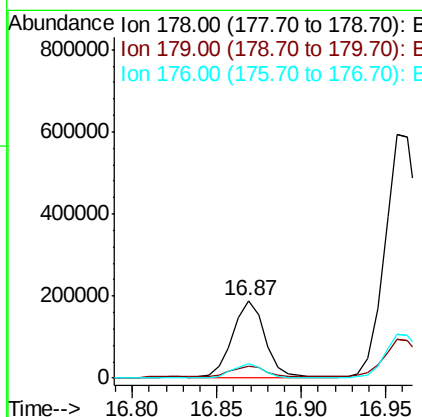
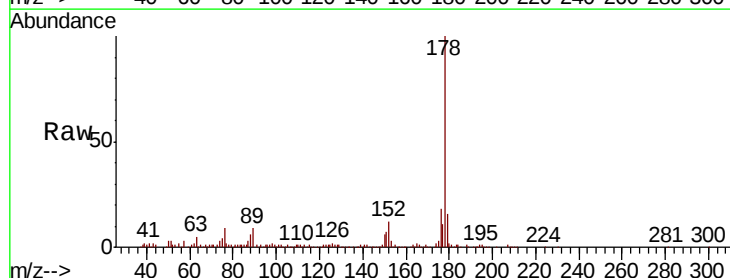
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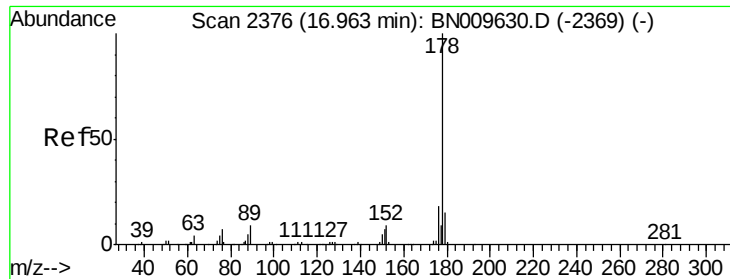
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#69
 Phenanthrene
 Concen: 4.274 ng/ul
 RT: 16.87 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BN009635.D
 Acq: 07 Feb 2020 07:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.4	14.8	22.2





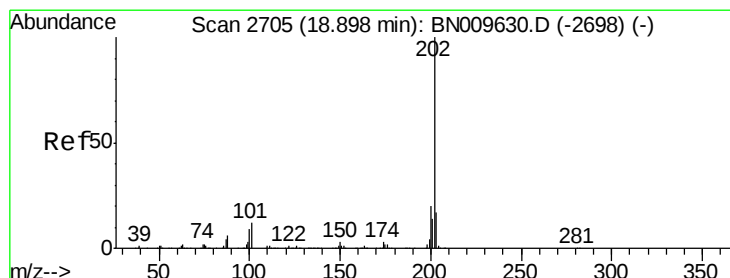
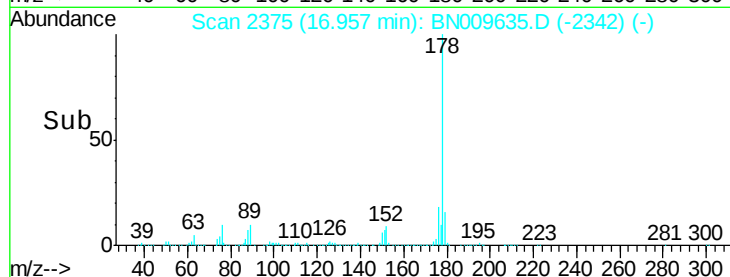
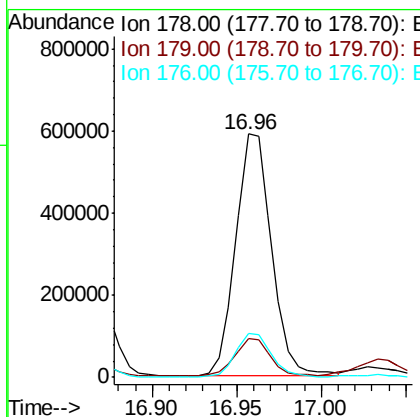
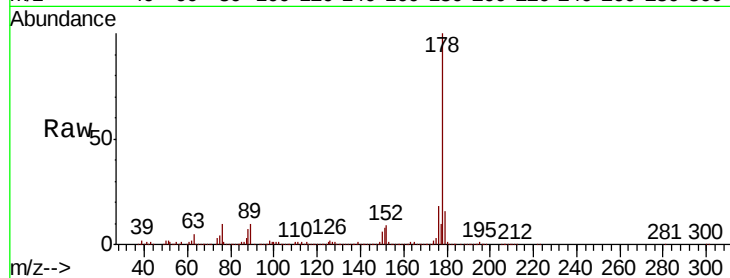
#71
 Anthracene
 Concen: 14.914 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009635.D
 Acq: 07 Feb 2020 07:11

Instrument :
 BNA_N
 ClientSampleId :
 GAT69

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	18.0	14.6	21.8

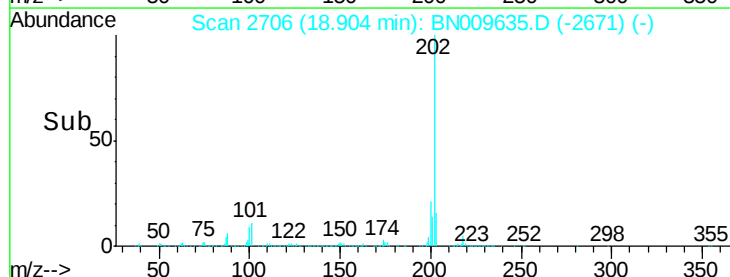
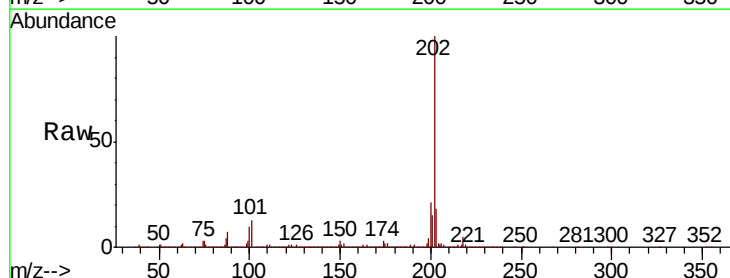
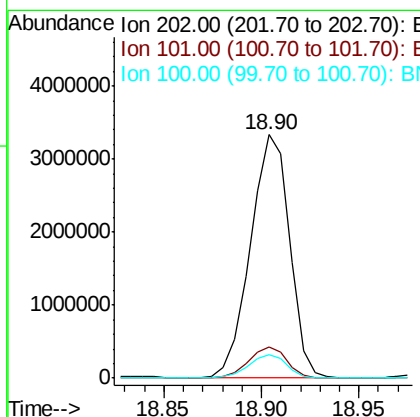
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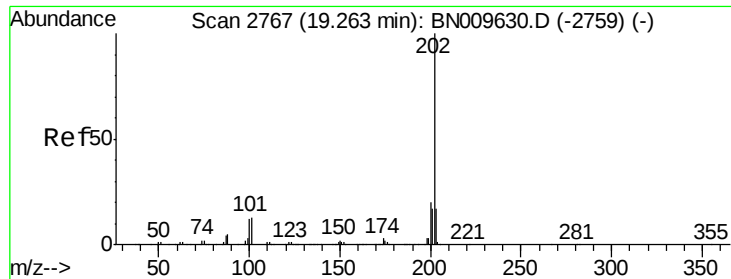
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#76
 Fluoranthene
 Concen: 69.751 ng/ul
 RT: 18.90 min Scan# 2706
 Delta R.T. 0.01 min
 Lab File: BN009635.D
 Acq: 07 Feb 2020 07:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.2	13.8
100	9.6	6.9	10.3





#79

Pvrene

Concen: 204.229 ng/ul m

RT: 19.28 min Scan# 2770

Delta R.T. 0.02 min

Lab File: BN009635.D

Acq: 07 Feb 2020 07:11

Instrument :

BNA_N

ClientSampleId :

GAT69

Tot Ion:202 Resp:12958359

Ion Ratio Lower Upper

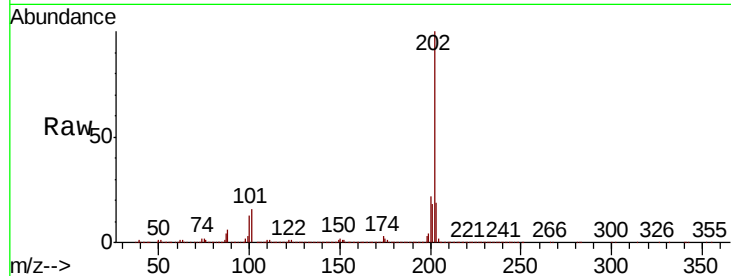
202 100

101 16.1 10.3 15.5#

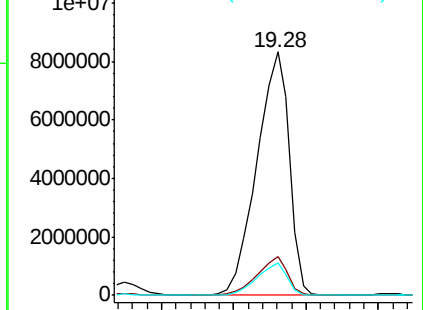
100 13.2 8.4 12.6#

Manual Integrations
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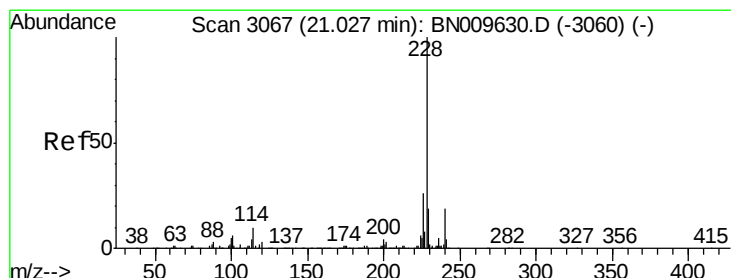
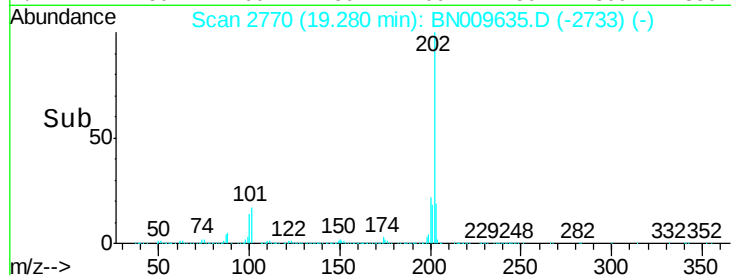
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time-->



#82

Benzo(a)anthracene

Concen: 76.183 ng/ul m

RT: 21.03 min Scan# 3068

Delta R.T. 0.01 min

Lab File: BN009635.D

Acq: 07 Feb 2020 07:11

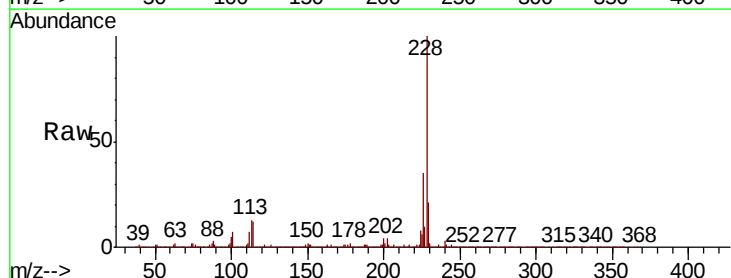
Tgt Ion:228 Resp: 4571902

Ion Ratio Lower Upper

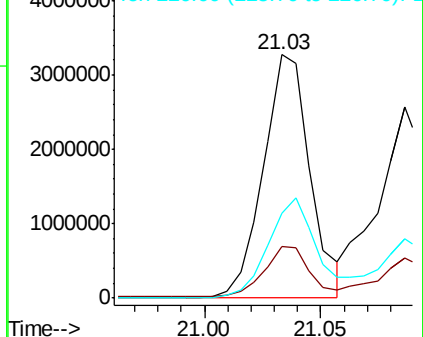
228 100

229 21.3 15.0 22.4

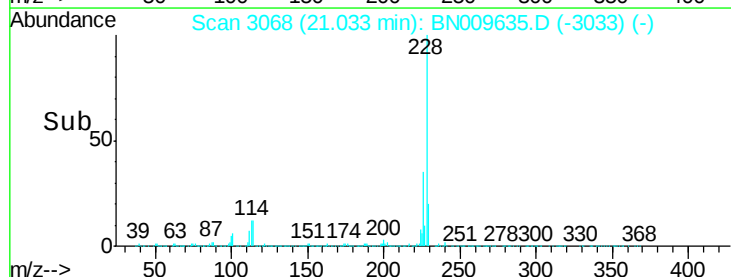
226 34.9 20.9 31.3#

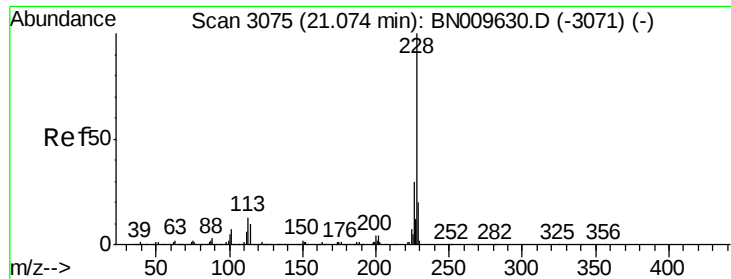


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->





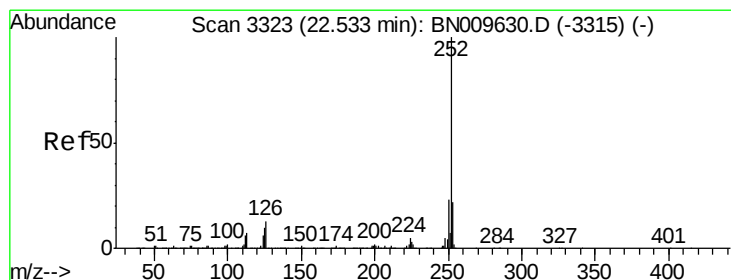
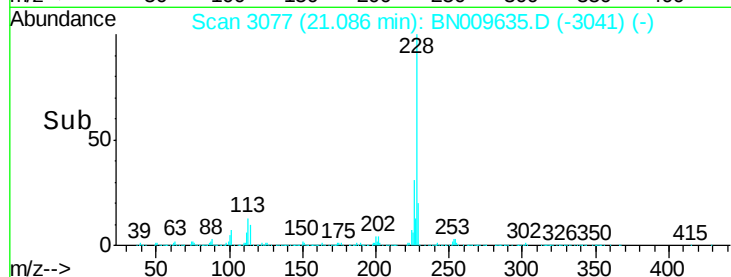
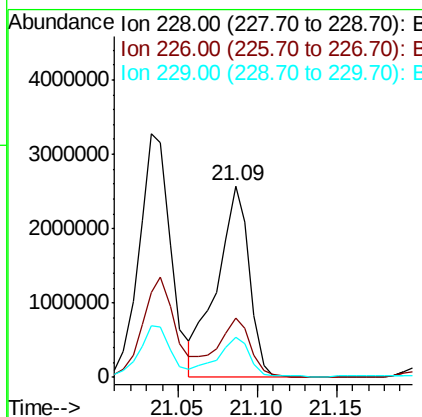
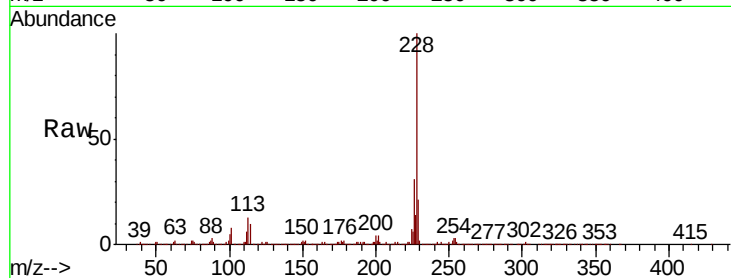
#84
Chrysene
Concen: 60.711 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	21.0	15.8	23.8

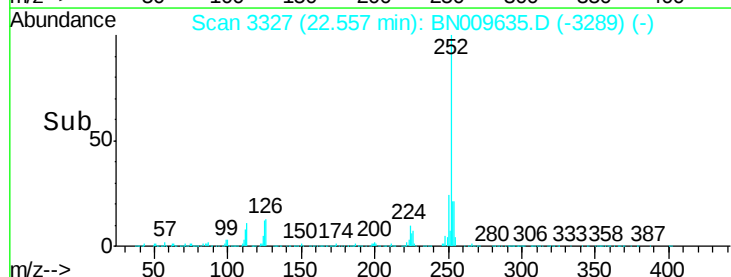
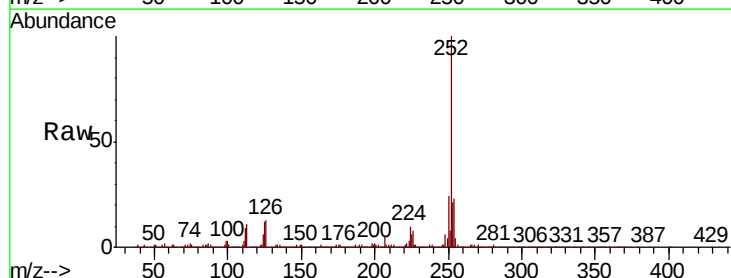
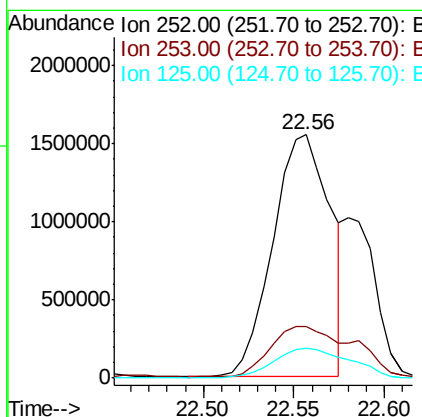
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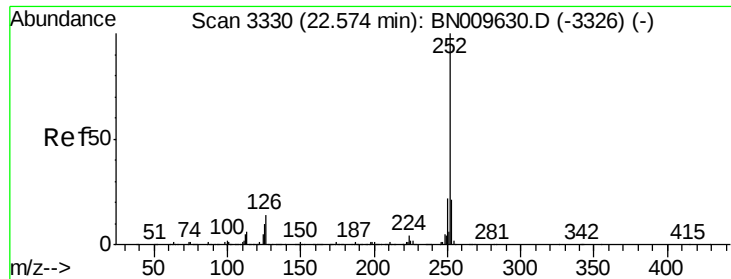
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#87
Benzo(b)fluoranthene
Concen: 55.623 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.2	8.2	12.2





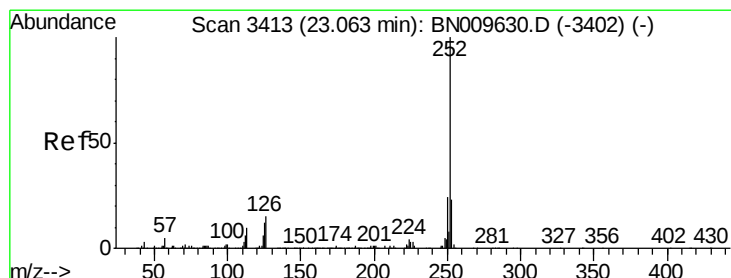
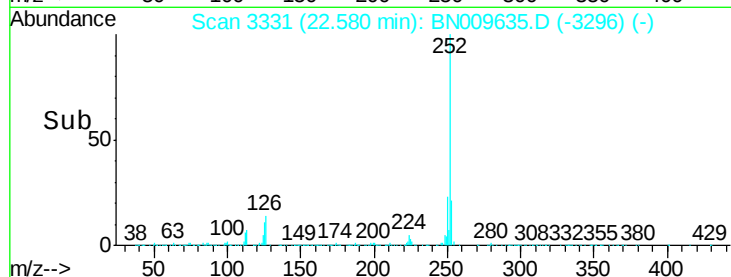
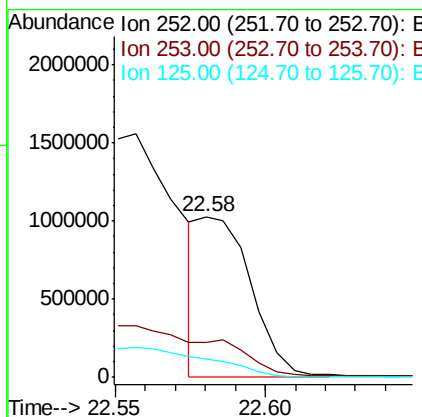
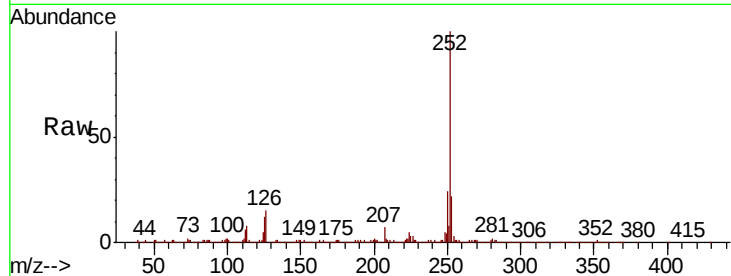
#88
Benzo(k)fluoranthene
Concen: 20.413 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	11.5	8.0	12.0

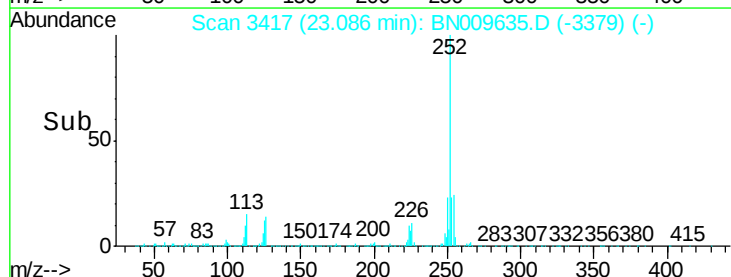
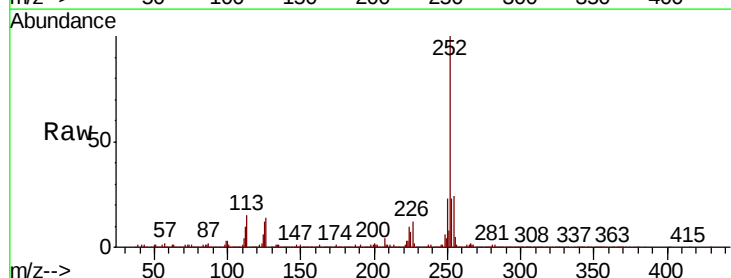
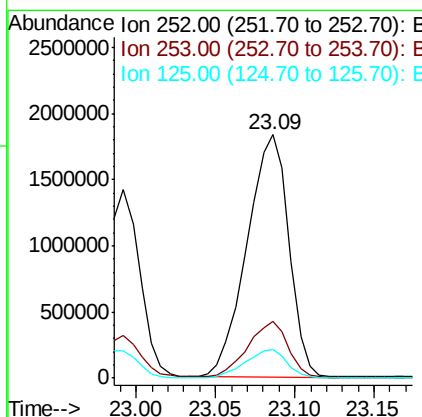
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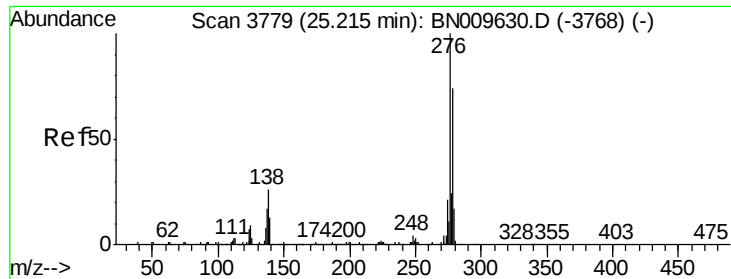
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#90
Benzo(a)pyrene
Concen: 59.044 ng/ul
RT: 23.09 min Scan# 3417
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	15.8	23.8
125	11.7	8.7	13.1





#91

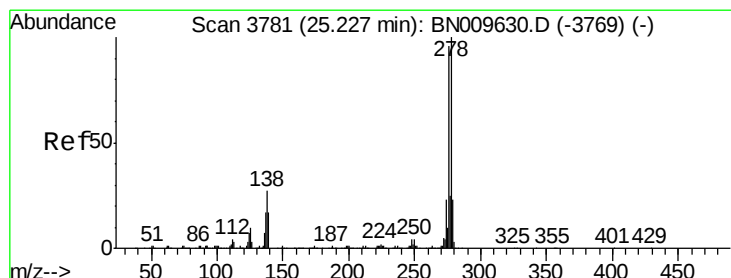
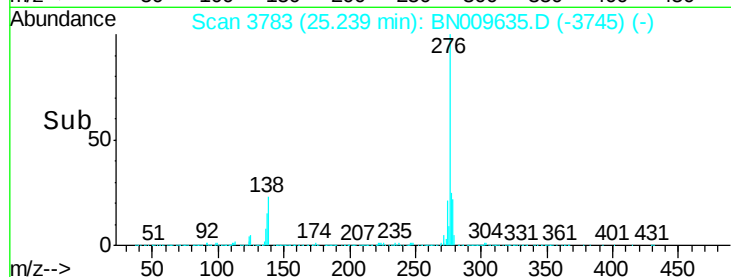
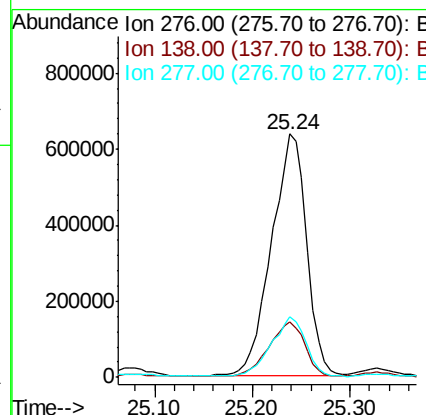
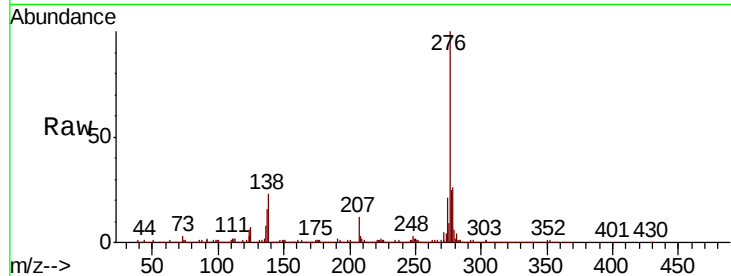
Indeno(1,2,3-cd)pyrene
Concen: 23.430 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	24.8	21.2	31.8

Manual Integrations
APPROVED

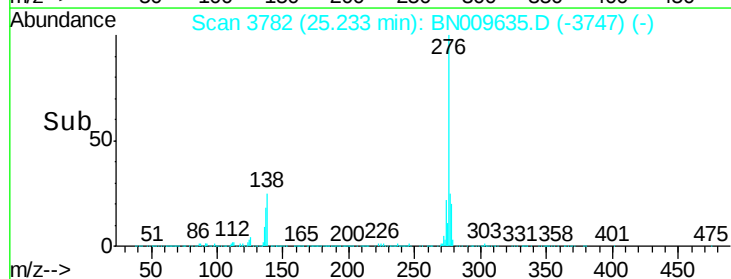
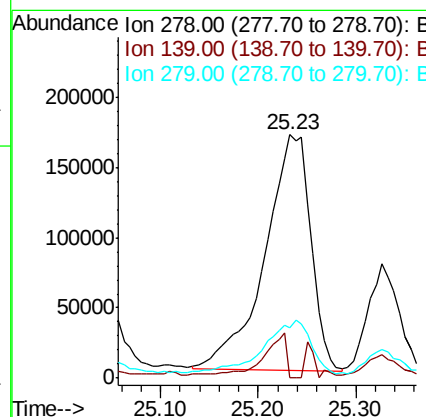
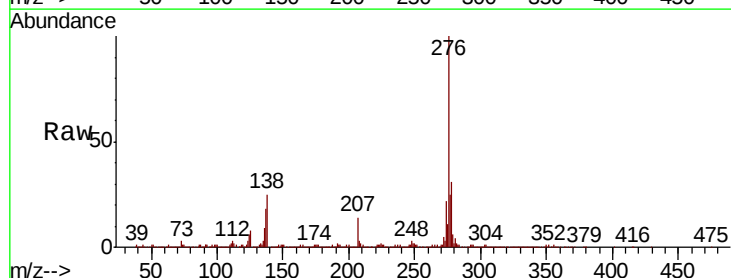
mohammad
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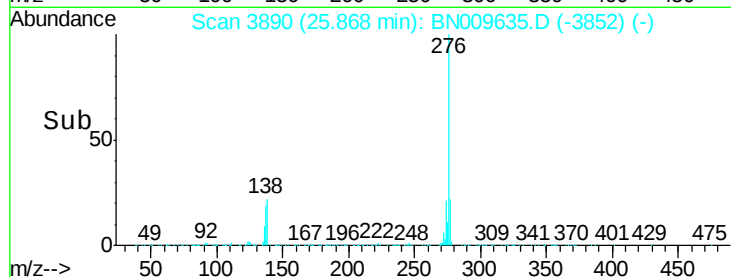
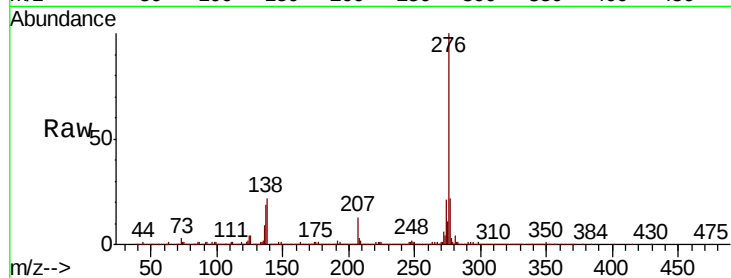
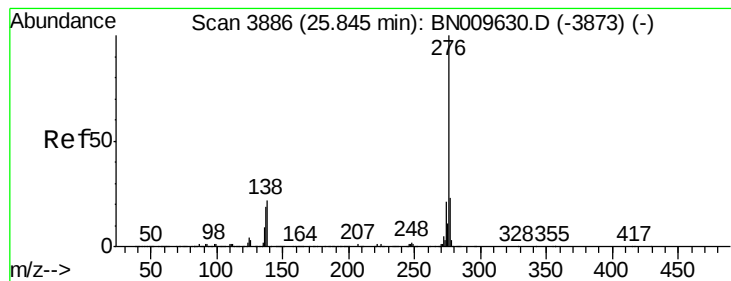


#92

Dibenzo(a,h)anthracene
Concen: 9.716 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	20.5	19.8	29.8





#93

Benzo(a,h,i)perylene

Concen: 28.831 ng/ul

RT: 25.87 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BN009635.D

Acq: 07 Feb 2020 07:11

Instrument :

BNA_N

ClientSampleId :

GAT69

Tot Ion:276 Resp: 1642802

Ion Ratio Lower Upper

276 100

138 22.0 16.0 24.0

277 22.3 17.0 25.6

Manual Integrations

APPROVED

mohammad

2/10/2020 8:20:21 AM

