

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
 Data File : BN010096.D
 Acq On : 05 Mar 2020 01:51
 Operator : CG/JU
 Sample : L1641-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y5

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:37 PM

Quant Time: Mar 05 08:14:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 04 01:30:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	99924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	420829	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	266478	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	530138	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	467501	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	502512	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.00	96	12688m	5.22	ng/uL	0.00
5) Phenol-d5	6.56	99	250853	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	181607	30.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	199661	31.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	141385	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	104914	34.08	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.21	143	117487	34.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	188513	29.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	160881	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	654587	32.89	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	792174	33.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	89727	24.68	ng/ul	0.00
58) Fluorene-d10	15.01	176	565064	32.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	92375	28.05	ng/ul	0.00
71) Anthracene-d10	16.86	188	765929	31.52	ng/ul	0.00
79) Pyrene-d10	19.17	212	923658	37.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	888892	35.42	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.48	163	24104	1.161 ng/ul	98
70) Phenanthrene	16.80	178	176984	5.850 ng/ul	100
72) Anthracene	16.90	178	35663	1.153 ng/ul	97
77) Fluoranthene	18.84	202	328392	9.266 ng/ul	96
80) Pyrene	19.20	202	300524	8.916 ng/ul	98
83) Benzo(a)anthracene	20.97	228	163688	5.095 ng/ul	97
85) Chrysene	21.02	228	167332	5.291 ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	238262	7.313 ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	71015m	2.302 ng/ul	
91) Benzo(a)pyrene	22.99	252	154678	5.278 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	114959	3.304 ng/ul	94
93) Dibenzo(a,h)anthracene	25.11	278	33295	1.119 ng/ul#	76
94) Benzo(g,h,i)perylene	25.73	276	80203	2.749 ng/ul	98

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

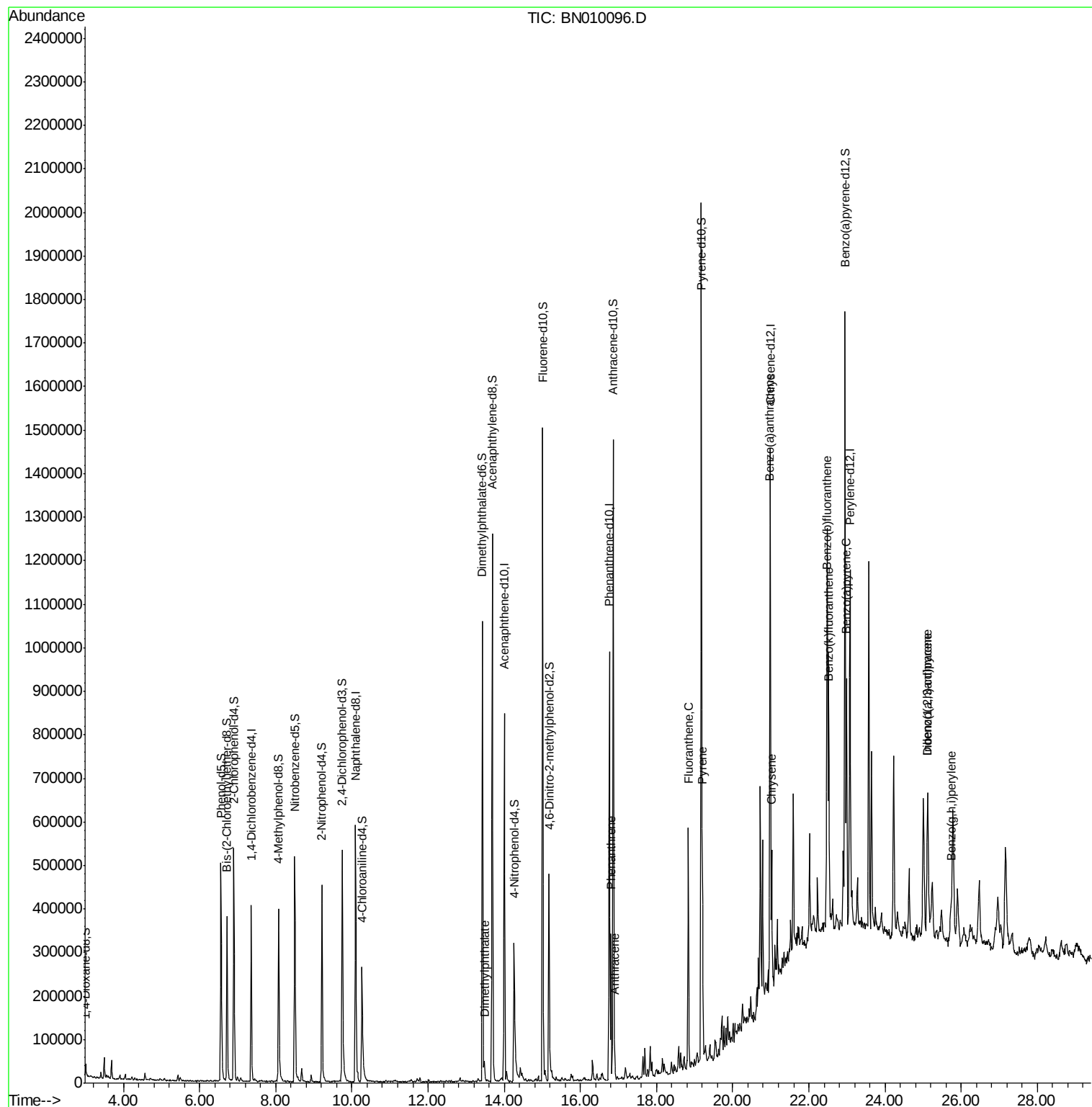
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030420\
Data File : BN010096.D
Acq On : 05 Mar 2020 01:51
Operator : CG/JU
Sample : L1641-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

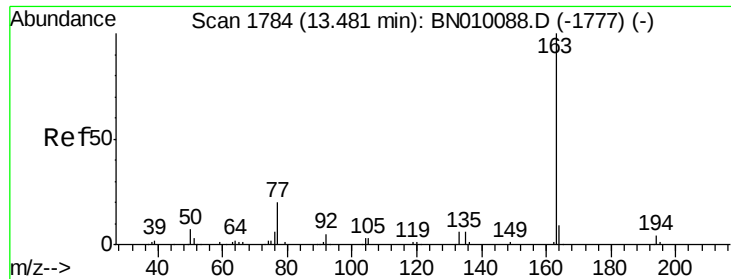
Instrument :
BNA_N
ClientSampleID :
CB6Y5

Quant Time: Mar 05 08:14:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:37 PM





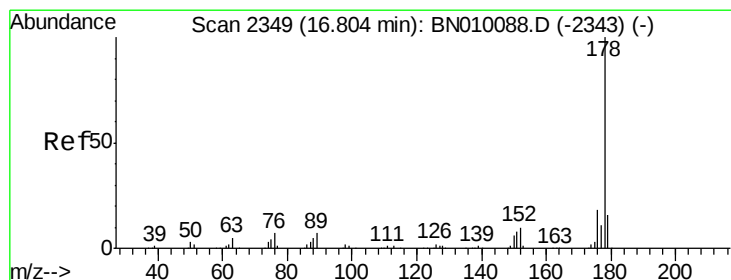
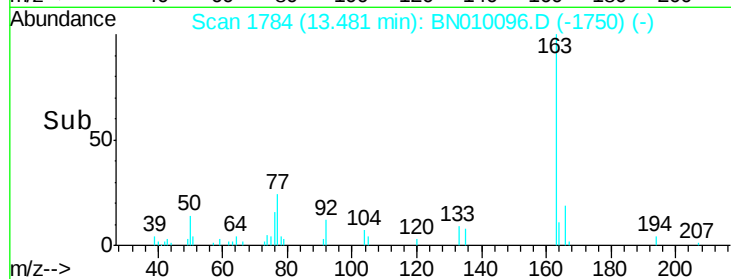
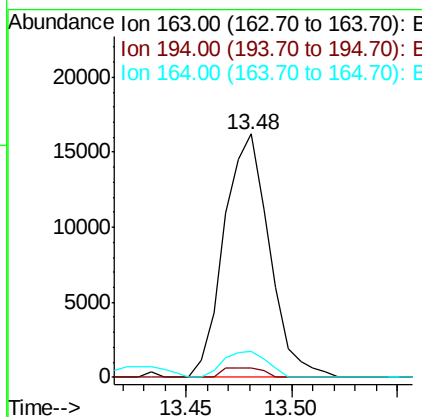
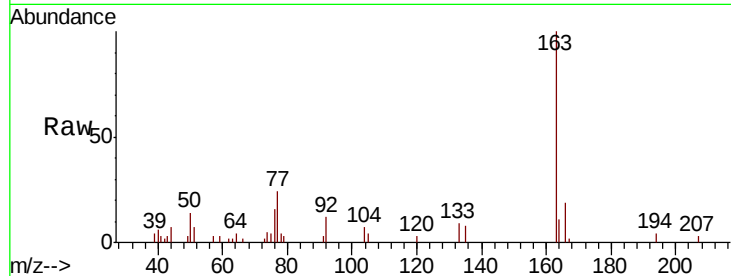
#45
Dimethylphthalate
Concen: 1.161 ng/ul
RT: 13.48 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Instrument :
BNA_N
ClientSampleId :
CB6Y5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.8	8.0	12.0

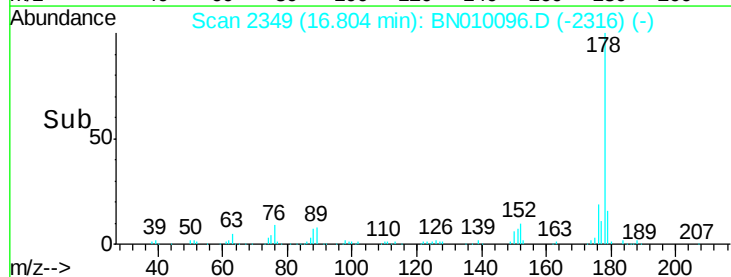
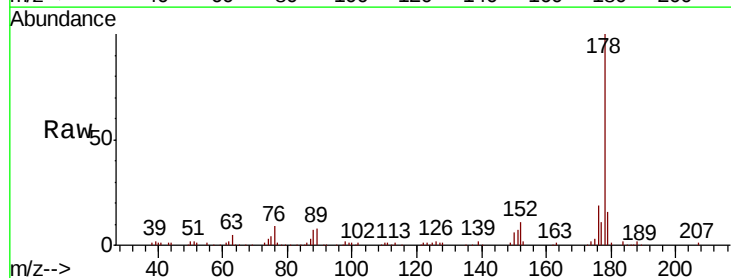
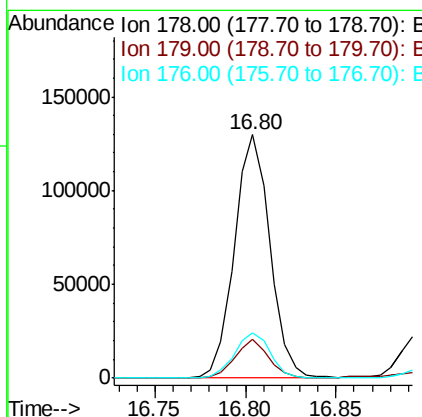
Manual Integrations
APPROVED

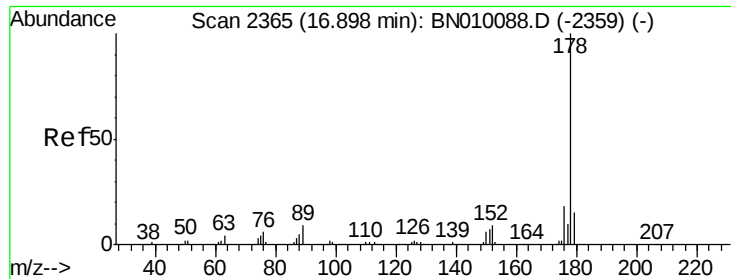
mohammad
3/5/2020 3:56:37 PM



#70
Phenanthrene
Concen: 5.850 ng/ul
RT: 16.80 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.5	14.6	22.0





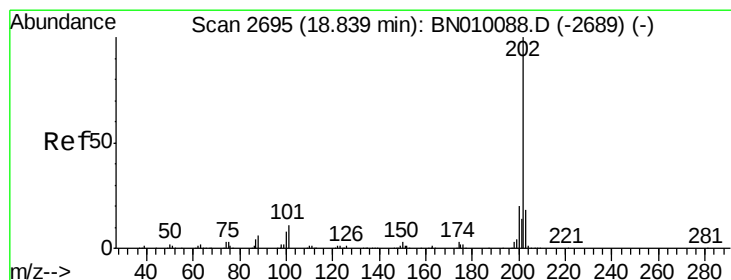
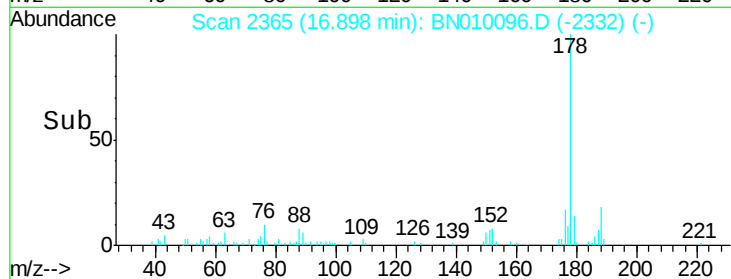
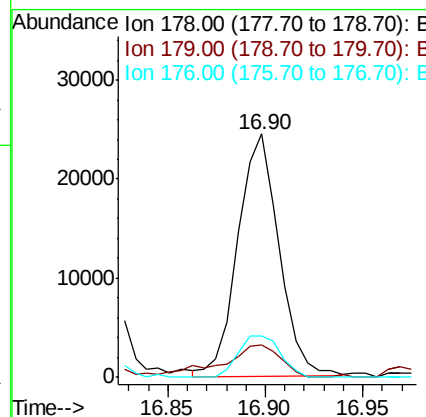
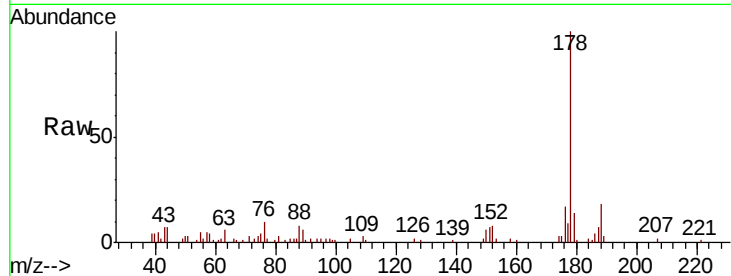
#72
 Anthracene
 Concen: 1.153 ng/ul
 RT: 16.90 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BN010096.D
 Acq: 05 Mar 2020 01:51

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y5

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.6	12.2	18.2
176	17.2	14.6	21.8

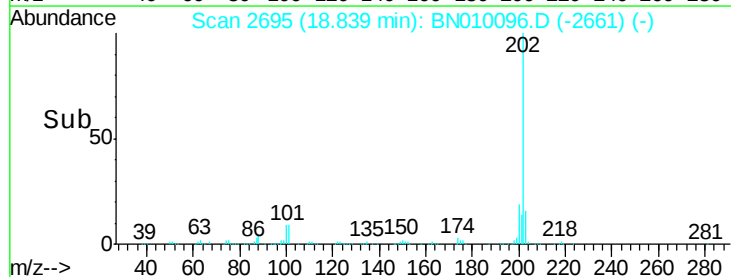
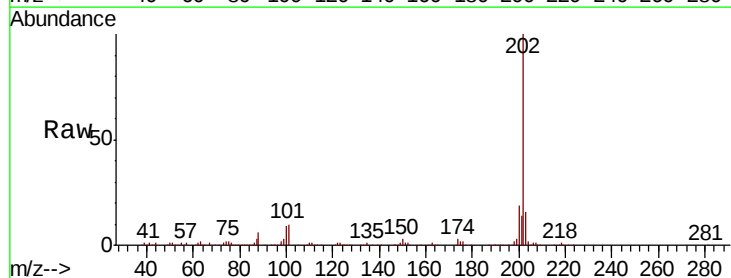
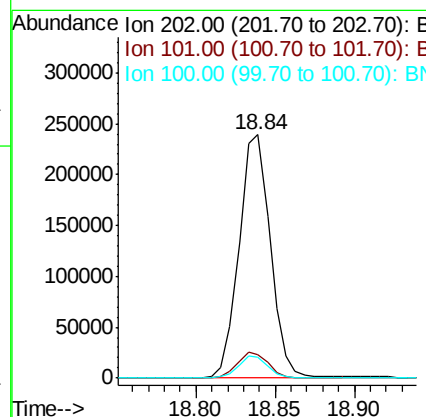
Manual Integrations
 APPROVED

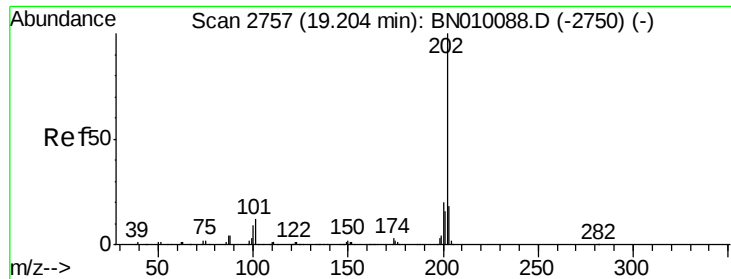
mohammad
 3/5/2020 3:56:37 PM



#77
 Fluoranthene
 Concen: 9.266 ng/ul
 RT: 18.84 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: BN010096.D
 Acq: 05 Mar 2020 01:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.4	14.2
100	8.6	7.2	10.8





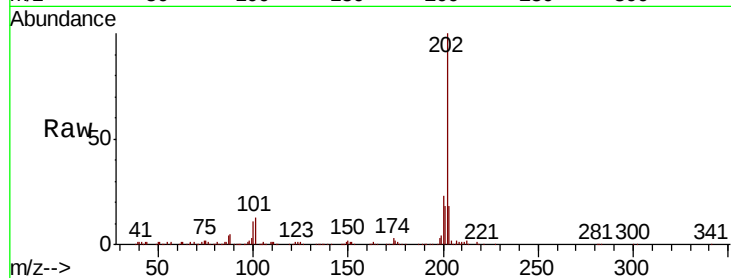
#80
Pvrene
Concen: 8.916 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Instrument :
BNA_N
ClientSampled :
CB6Y5

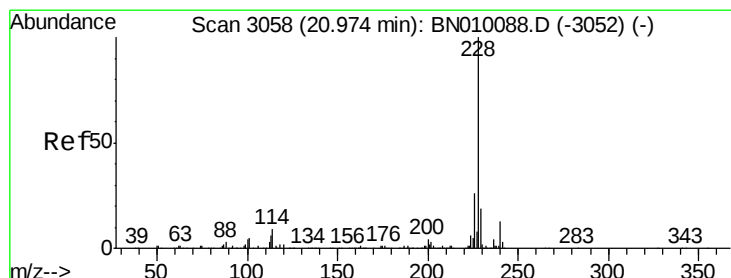
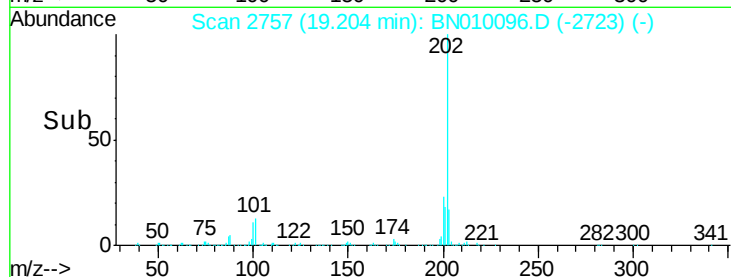
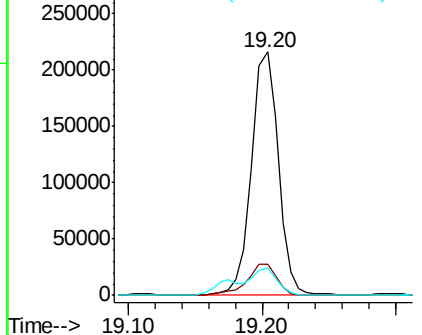
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.3	16.9
100	11.0	9.0	13.6

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:37 PM



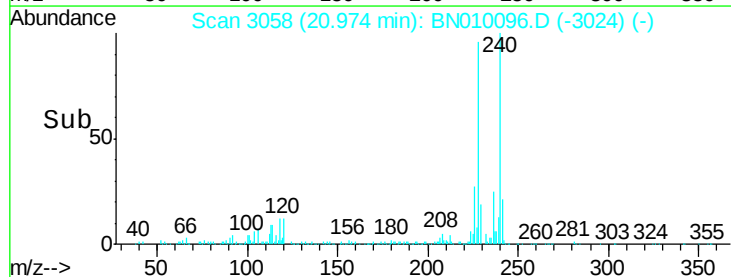
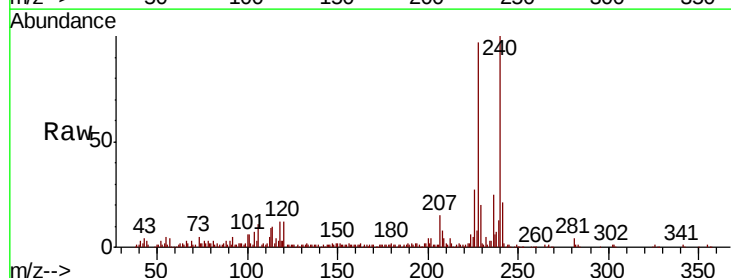
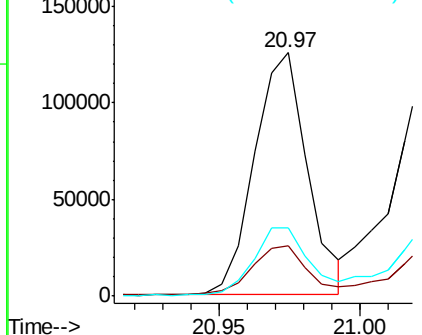
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

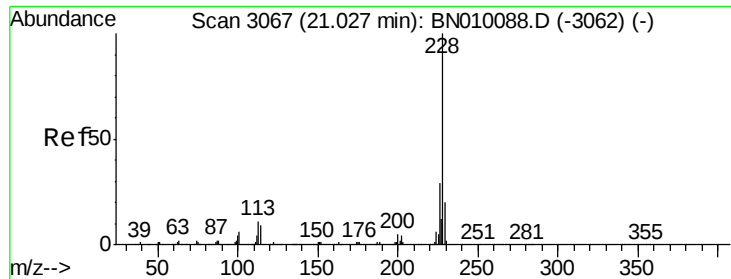


#83
Benzo(a)anthracene
Concen: 5.095 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	28.3	21.4	32.2

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





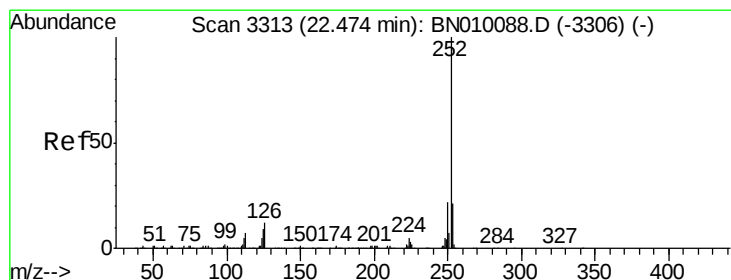
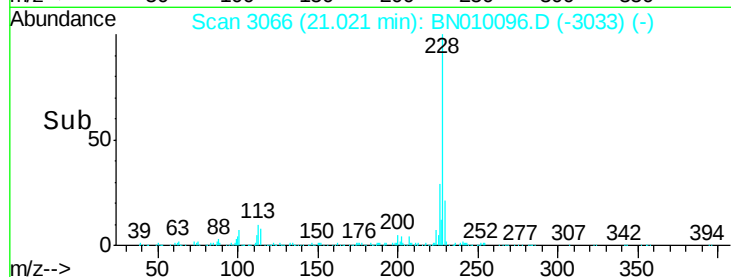
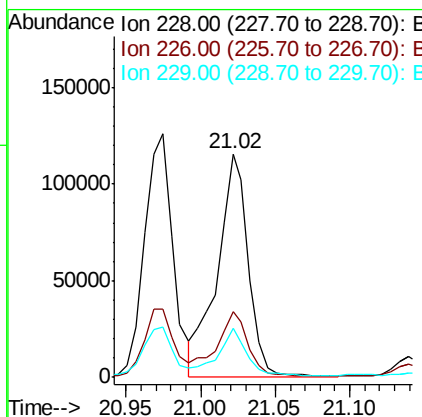
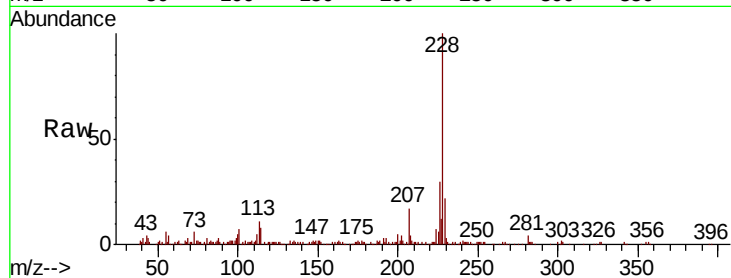
#85
Chrysene
Concen: 5.291 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Instrument :
BNA_N
ClientSampleId :
CB6Y5

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.9	15.0	22.4

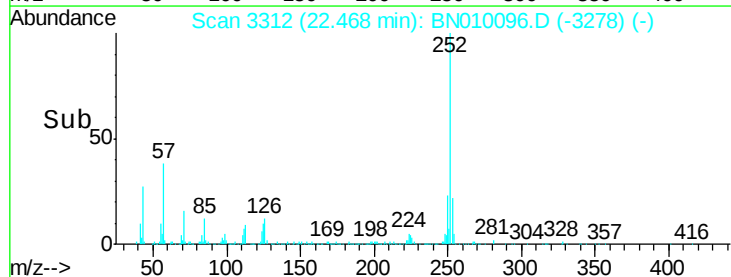
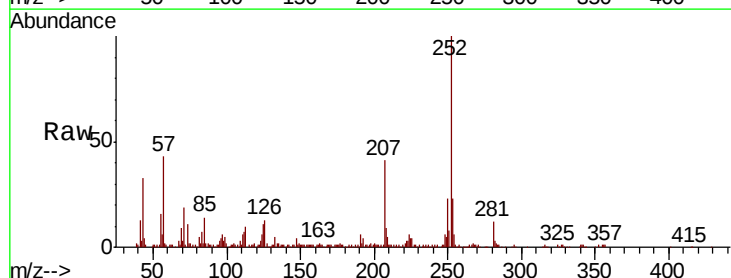
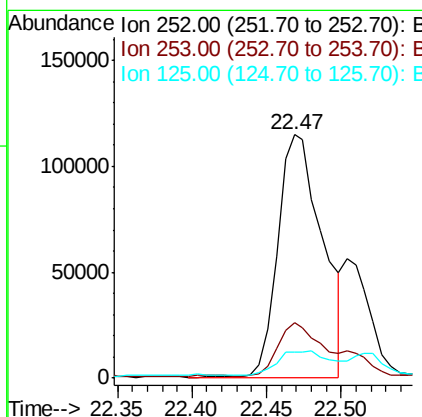
Manual Integrations
APPROVED

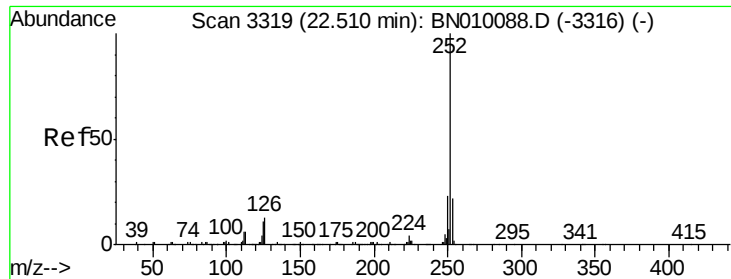
mohammad
3/5/2020 3:56:37 PM



#88
Benzo(b)fluoranthene
Concen: 7.313 ng/ul
RT: 22.47 min Scan# 3312
Delta R.T. -0.00 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	10.9	8.0	12.0





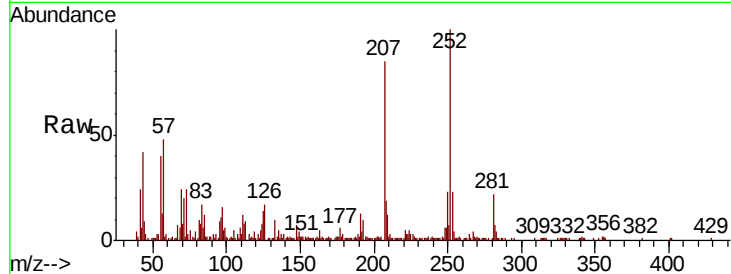
#89
Benzo(k)fluoranthene
Concen: 2.302 ng/ul m
RT: 22.50 min Scan# 3318
Delta R.T. -0.01 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

Instrument :
BNA_N
ClientSampled :
CB6Y5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.8	8.2	12.2

Manual Integrations
APPROVED

mohammad
3/5/2020 3:56:37 PM

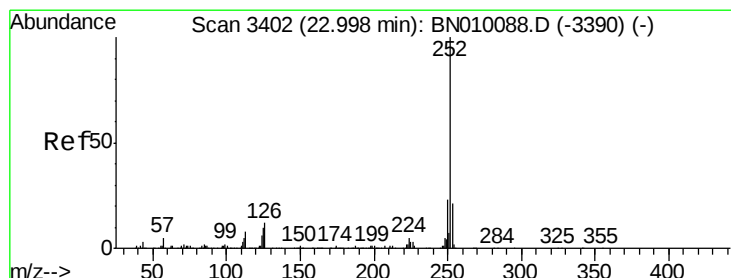
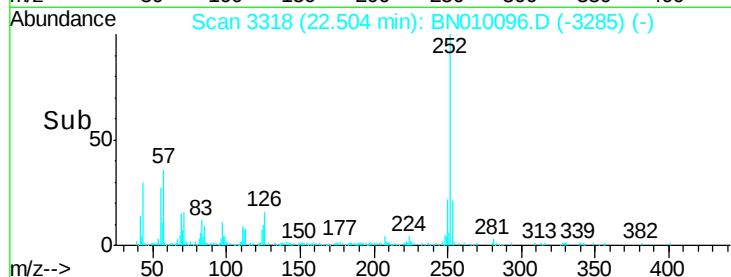
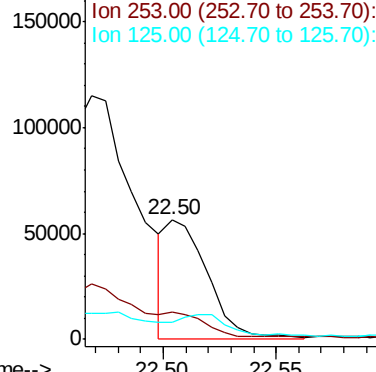


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(a)pyrene
Concen: 5.278 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BN010096.D
Acq: 05 Mar 2020 01:51

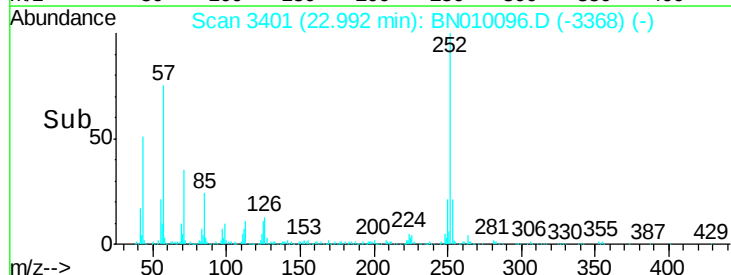
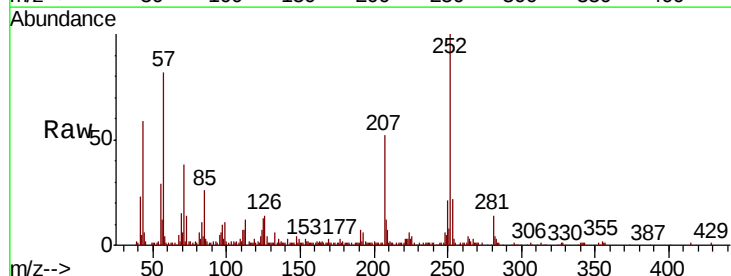
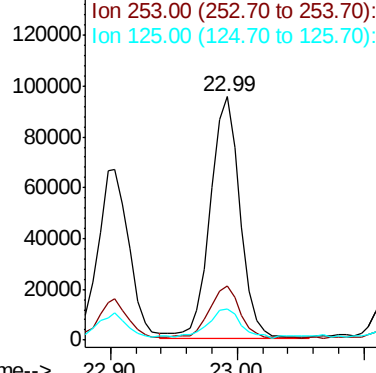
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.6	9.0	13.6

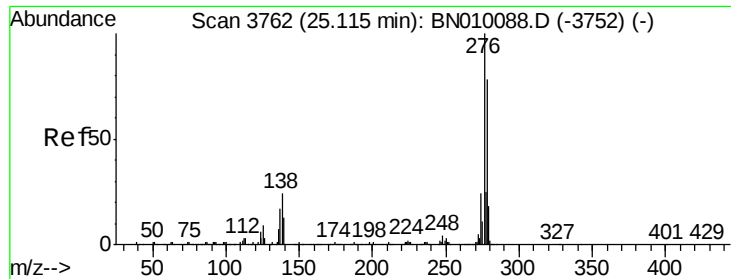
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





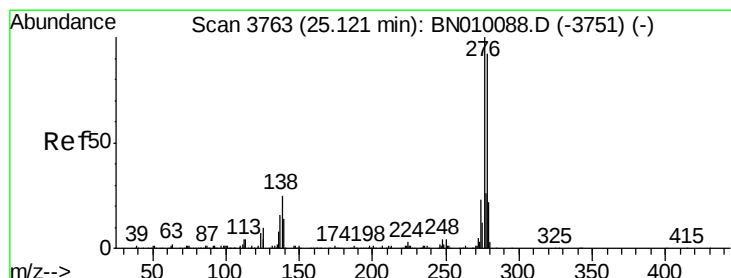
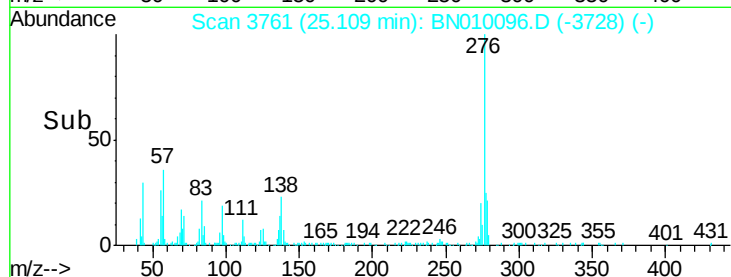
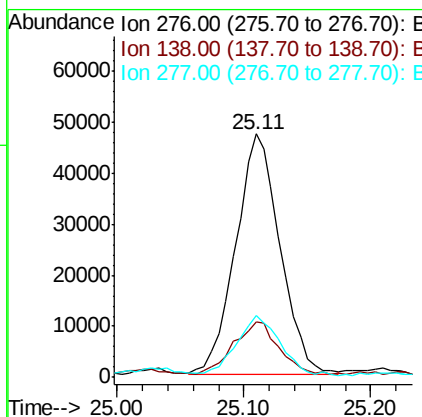
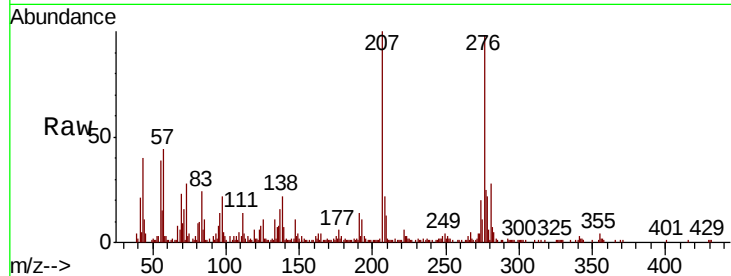
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.304 ng/ul
 RT: 25.11 min Scan# 3761
 Delta R.T. -0.01 min
 Lab File: BN010096.D
 Acq: 05 Mar 2020 01:51

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y5

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.9	31.3
277	25.6	18.2	27.4

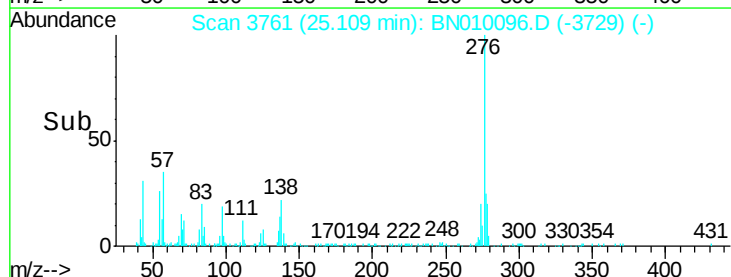
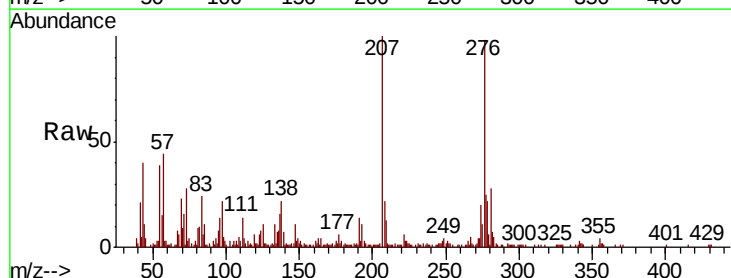
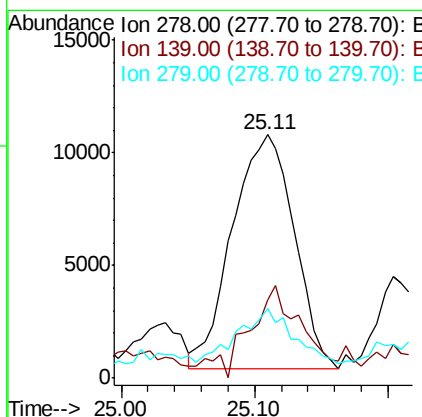
Manual Integrations
 APPROVED

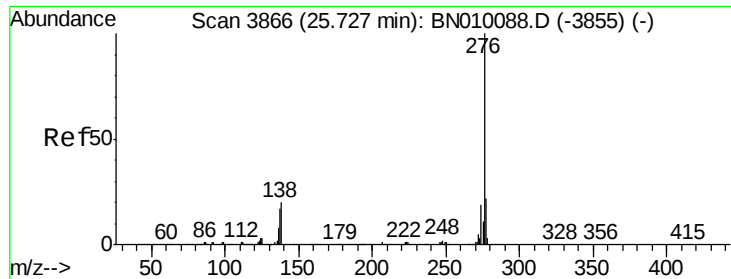
mohammad
 3/5/2020 3:56:37 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.119 ng/ul
 RT: 25.11 min Scan# 3761
 Delta R.T. -0.01 min
 Lab File: BN010096.D
 Acq: 05 Mar 2020 01:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.0	19.4#
279	28.4	17.5	26.3#





#94
 Benzo(a,h,i)perylene
 Concen: 2.749 ng/ul
 RT: 25.73 min Scan# 3867
 Delta R.T. 0.01 min
 Lab File: BN010096.D
 Acq: 05 Mar 2020 01:51

Instrument :
 BNA_N
 ClientSampleId :
 CB6Y5

Tot Ion:	276	Resp:	80203
Ion Ratio	Lower	Upper	
276	100		
138	21.6	17.5	26.3
277	24.1	18.1	27.1

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:56:37 PM

