

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
 Data File : BE100195.D
 Acq On : 26 Jun 2019 15:39
 Operator : JU/SJ
 Sample : K3309-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-190610RE

Manual Integrations
 APPROVED

mohammad
 6/27/2019 9:24:23 AM

Quant Time: Jun 27 05:21:41 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 25 15:40:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1176	0.40	ng	0.01
7) Naphthalene-d8	10.47	136	22520	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	3013	0.40	ng	0.03
19) Phenanthrene-d10	17.11	188	10175	0.40	ng	0.01
27) Chrysene-d12	21.29	240	12561	0.40	ng	0.01
34) Perylene-d12	23.73	264	13529	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.27	112	1149	0.44	ng	0.04
5) Phenol-d6	6.90	99	590	0.16	ng	0.02
8) Nitrobenzene-d5	8.86	82	3024	0.13	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	3661	0.09	ng	0.02
14) 2,4,6-Tribromophenol	15.86	330	991	0.57	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	8284m	0.69	ng	0.03
25) Fluoranthene-d10	19.14	212	40630	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	11106	0.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	6173536	3354.539	ng	# 95
6) bis(2-Chloroethyl)ether	7.13	93	1404920	426.637	ng	# 87
9) Naphthalene	10.55	128	1907671	7.762	ng	# 96
12) 2-Methylnaphthalene	12.18	142	39492	0.998	ng	# 70
18) Fluorene	15.41	166	1065	0.089	ng	# 66
26) Fluoranthene	19.17	202	1637	0.042	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.20	149	95633	2.247	ng	99

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

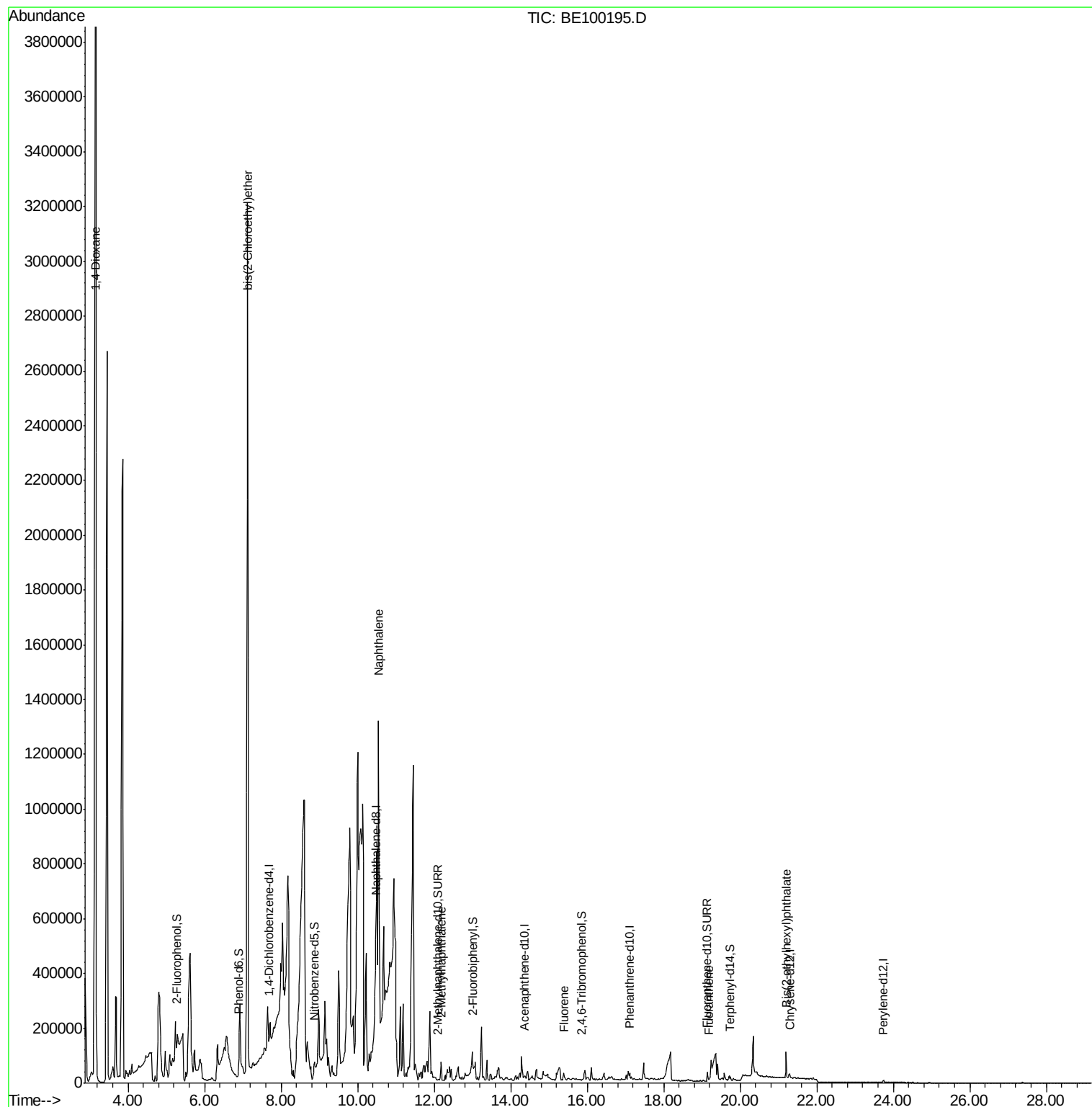
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062619\
Data File : BE100195.D
Acq On : 26 Jun 2019 15:39
Operator : JU/SJ
Sample : K3309-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

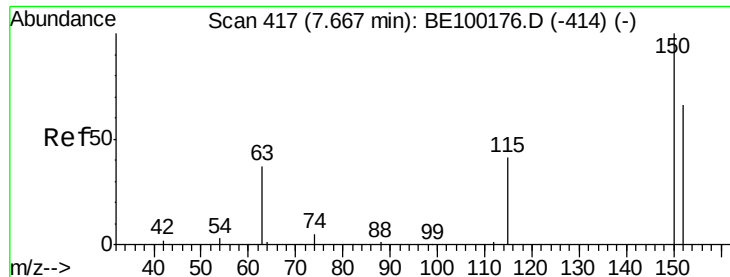
Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Manual Integrations
APPROVED

mohammad
6/27/2019 9:24:23 AM

Quant Time: Jun 27 05:21:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 15:40:27 2019
Response via : Initial Calibration





#1

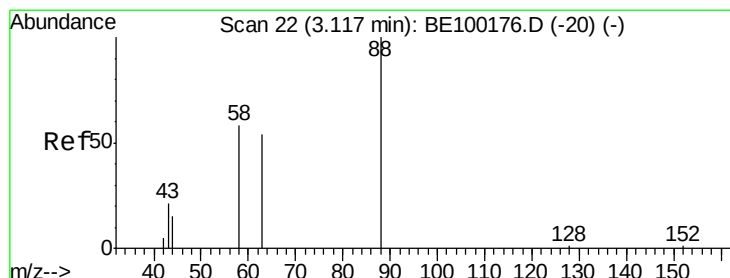
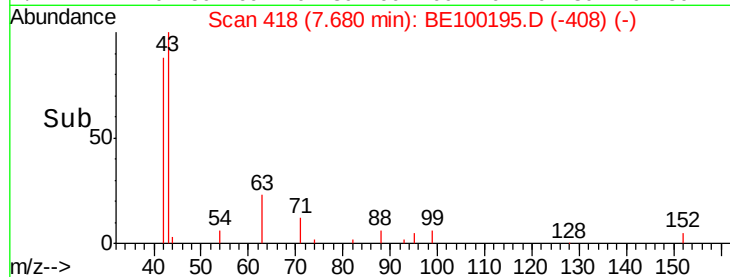
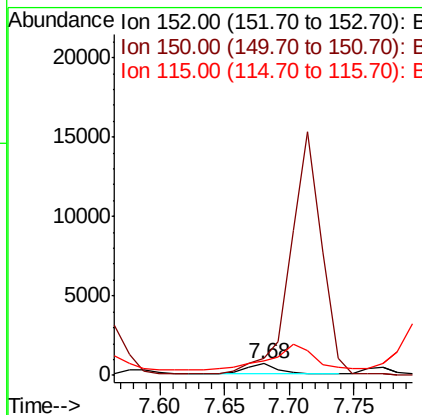
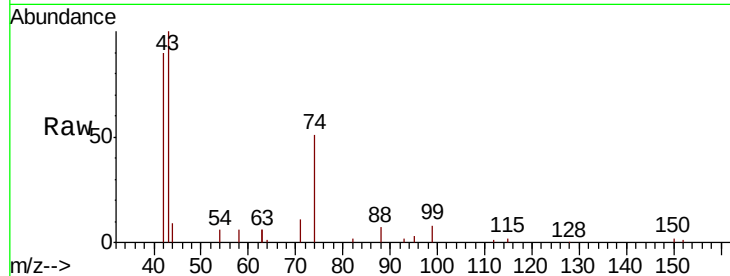
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	113.4	170.2
115	126.6	55.8	83.6

Manual Integrations
APPROVED

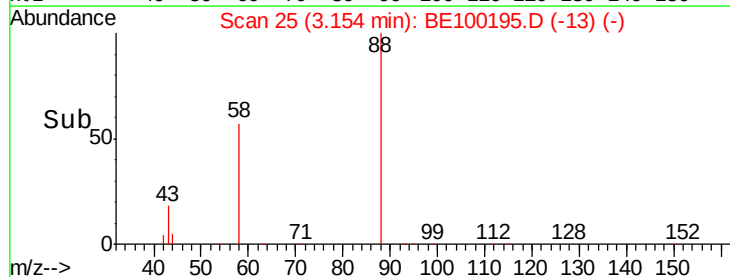
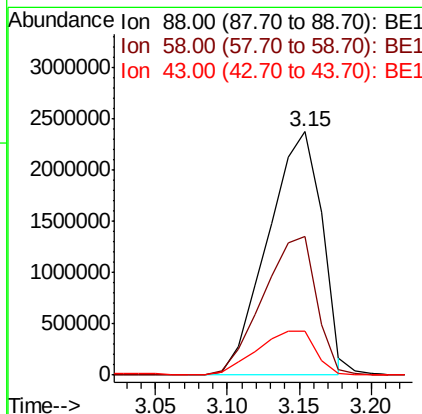
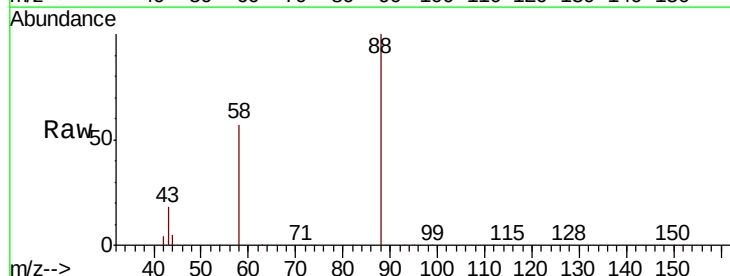
mohammad
6/27/2019 9:24:23 AM

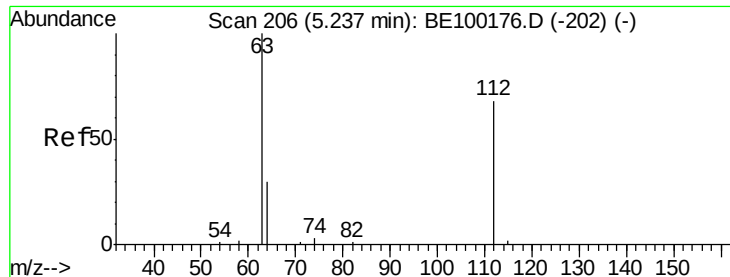


#2

1,4-Dioxane
Concen: 3354.539 ng
RT: 3.15 min Scan# 25
Delta R.T. 0.04 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.5	43.8	65.6
43	19.3	19.4	29.2





#4

2-Fluorophenol

Concen: 0.439 ng

RT: 5.27 min Scan# 209

Delta R.T. 0.04 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Instrument :

BNA_E

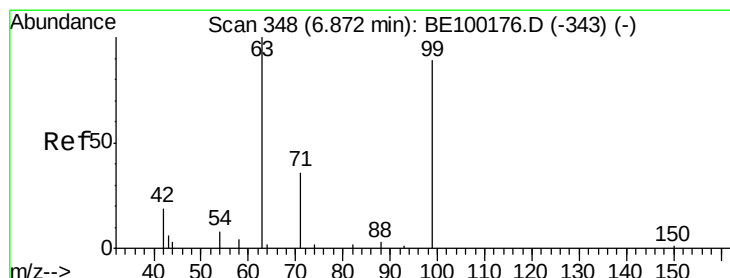
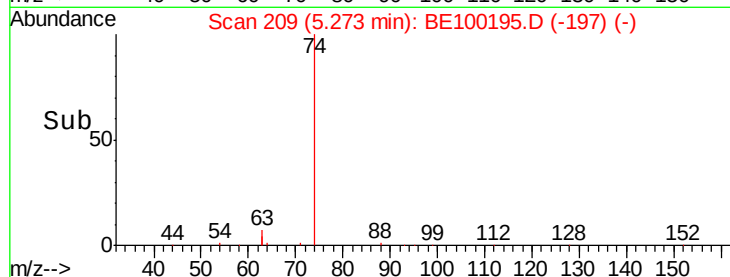
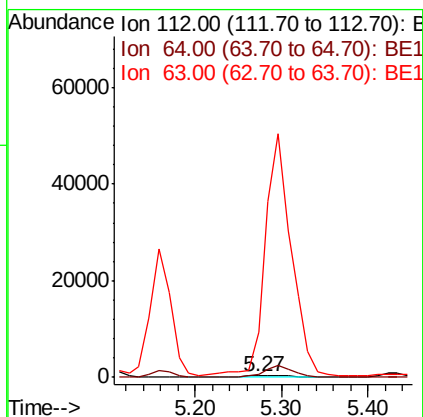
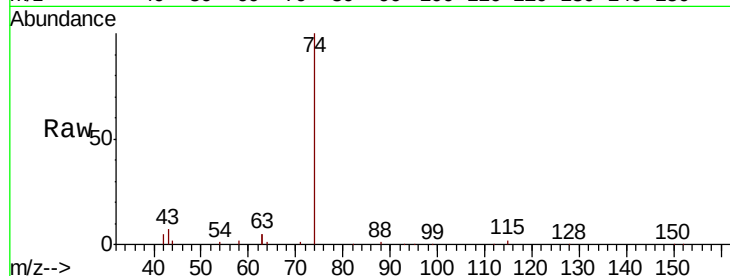
ClientSampleId :

KY032MW006-190610RE

Tgt Ion:	112	Resp:	1149
Ion Ratio	Lower	Upper	
112	100		
64	0.0	40.7	61.1#
63	0.0	93.2	139.8#

Manual Integrations
APPROVED

mohammad
6/27/2019 9:24:23 AM



#5

Phenol-d6

Concen: 0.164 ng

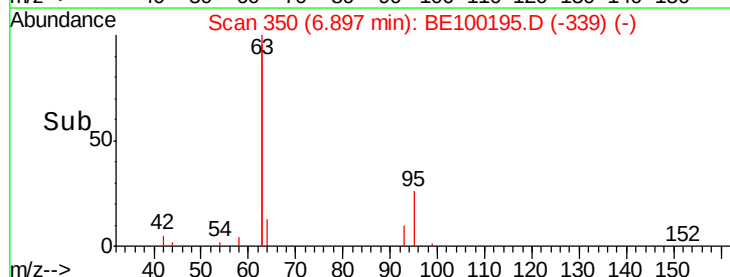
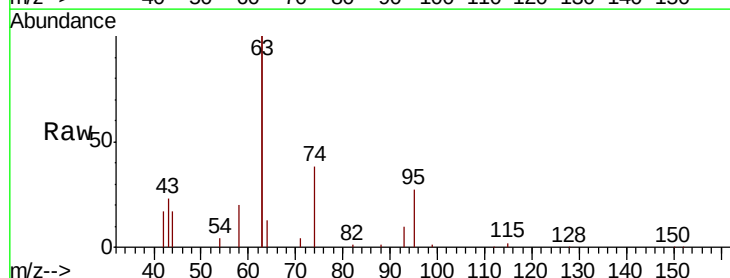
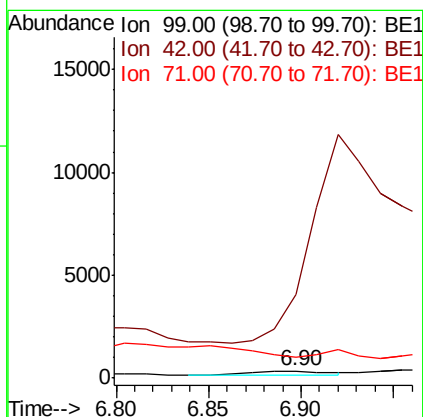
RT: 6.90 min Scan# 350

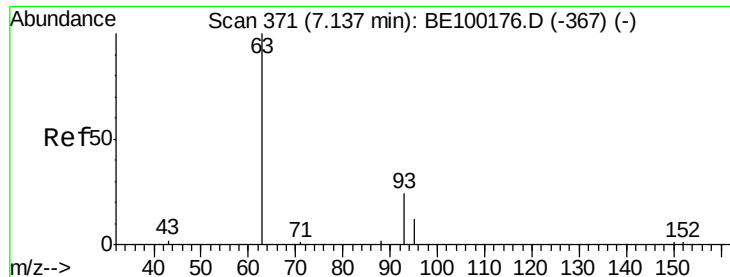
Delta R.T. 0.02 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Tgt Ion:	99	Resp:	590
Ion Ratio	Lower	Upper	
99	100		
42	0.0	10.4	15.6#
71	0.0	32.4	48.6#





#6

bis(2-Chloroethyl)ether

Concen: 426.637 ng

RT: 7.13 min Scan# 370

Delta R.T. -0.01 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Instrument :

BNA_E

ClientSampleId :

KY032MW006-190610RE

Tgt Ion: 93 Resp: 1404920

Ion Ratio Lower Upper

93 100

63 262.8 0.0 0.0#

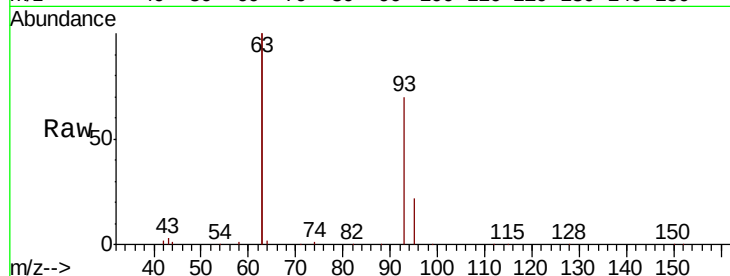
95 32.8 21.0 31.6#

Manual Integrations

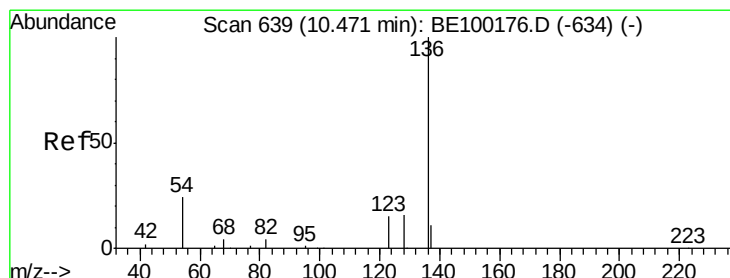
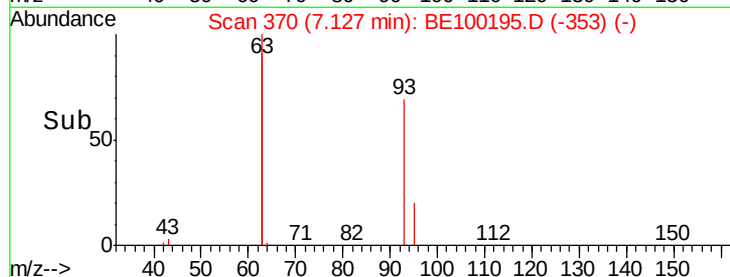
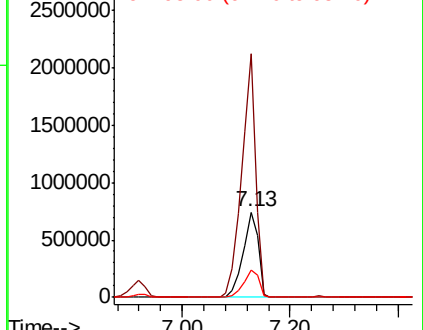
APPROVED

mohammad

6/27/2019 9:24:23 AM



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Tgt Ion: 136 Resp: 22520

Ion Ratio Lower Upper

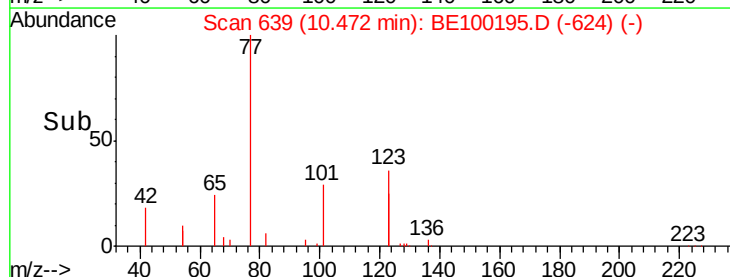
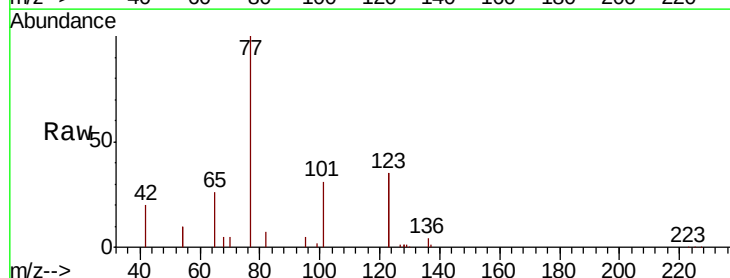
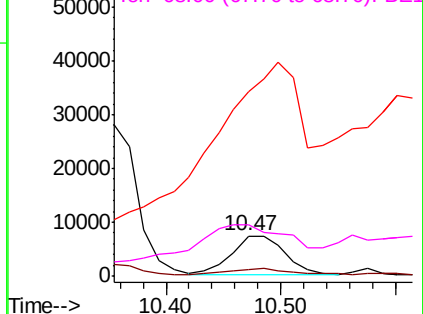
136 100

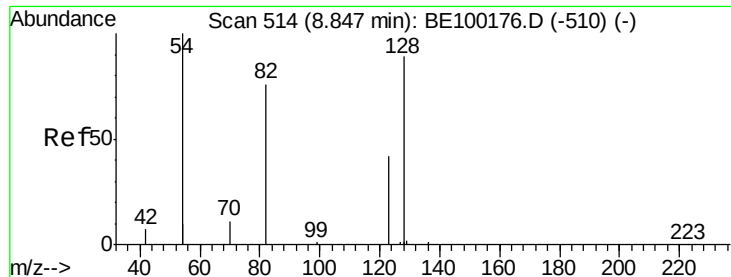
137 17.6 13.8 20.8

54 461.9 35.4 53.2#

68 127.4 8.8 13.2#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1





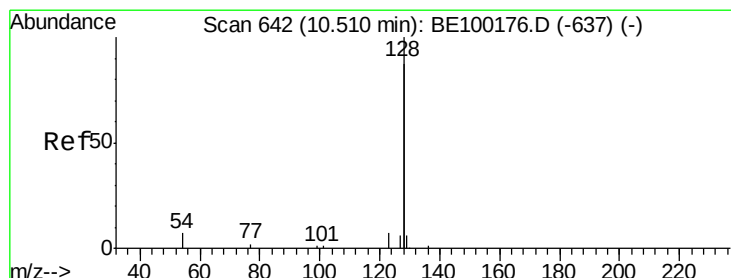
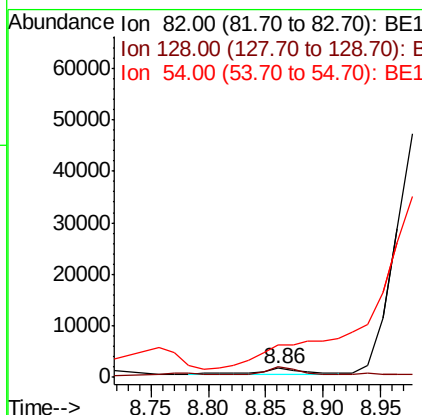
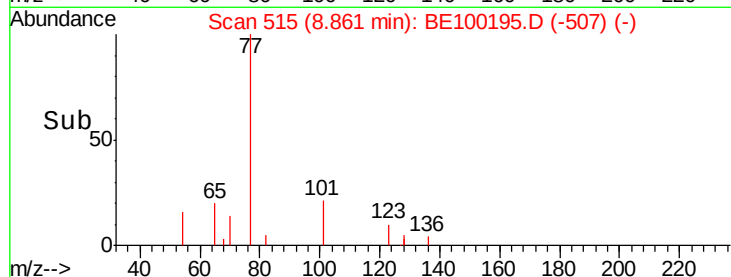
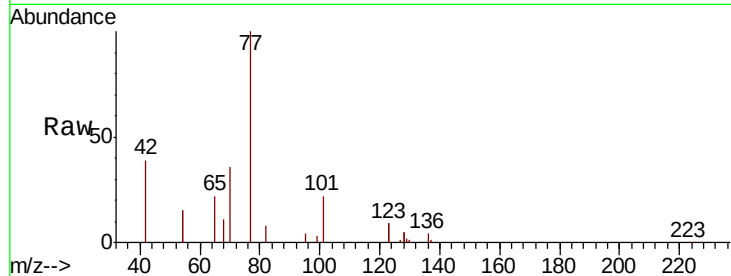
#8
Nitrobenzene-d5
Concen: 0.135 ng
RT: 8.86 min Scan# 515
Delta R.T. 0.01 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	121.9	144.6	217.0#
54	362.3	163.0	244.6#

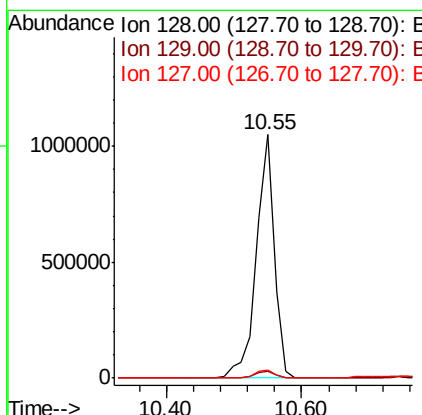
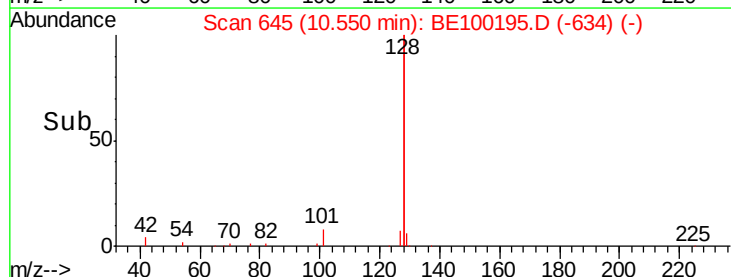
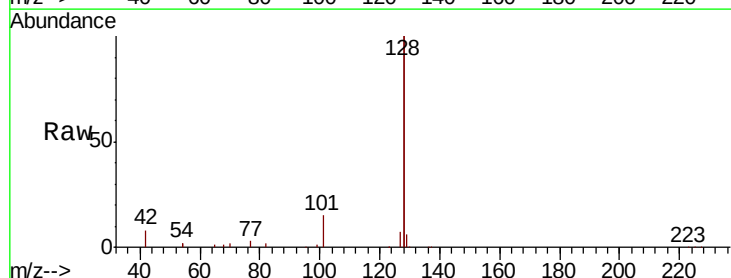
Manual Integrations
APPROVED

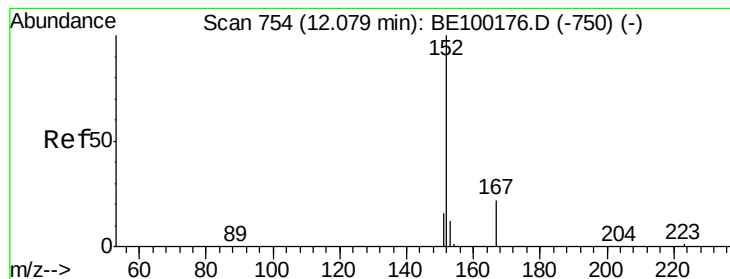
mohammad
6/27/2019 9:24:23 AM



#9
Naphthalene
Concen: 7.762 ng
RT: 10.55 min Scan# 645
Delta R.T. 0.04 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.1	3.6	5.4#
127	3.6	3.8	5.8#





#11

2-Methylnaphthalene-d10

Concen: 0.087 ng

RT: 12.09 min Scan# 755

Delta R.T. 0.02 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Instrument :

BNA_E

ClientSampleId :

KY032MW006-190610RE

Tgt Ion:152 Resp: 3661

Ion Ratio Lower Upper

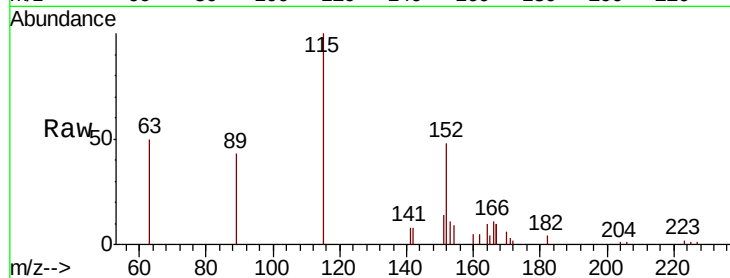
152 100

151 0.0 16.3 24.5#

Manual Integrations
APPROVED

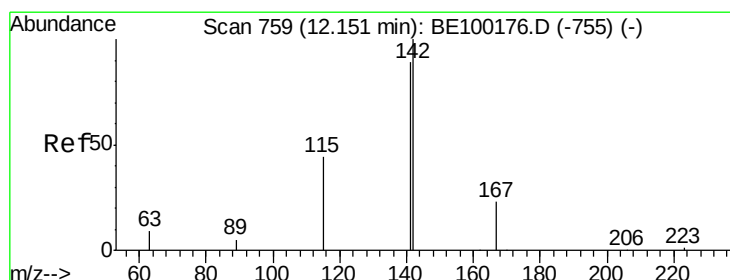
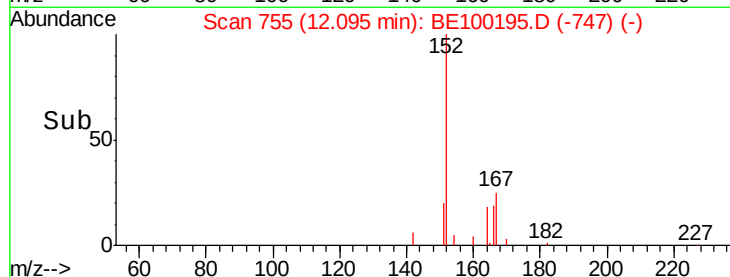
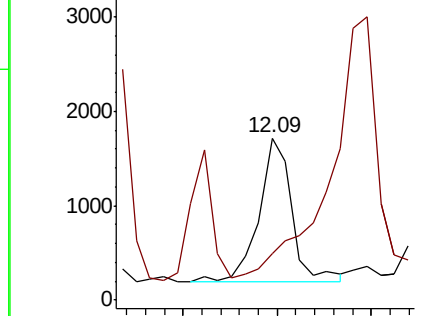
mohammad

6/27/2019 9:24:23 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.998 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.03 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

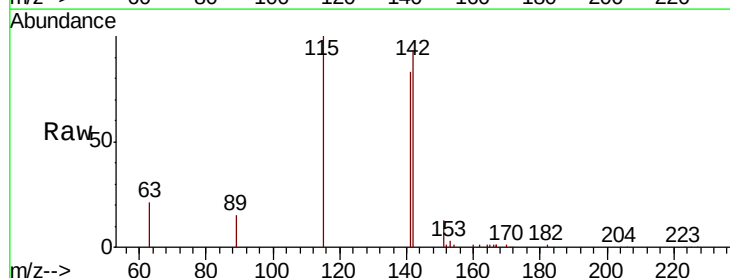
Tgt Ion:142 Resp: 39492

Ion Ratio Lower Upper

142 100

141 88.9 71.8 107.8

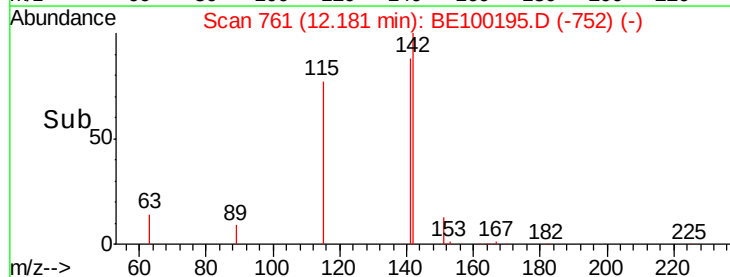
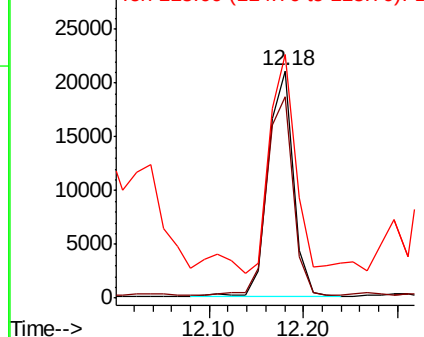
115 107.3 40.4 60.6#

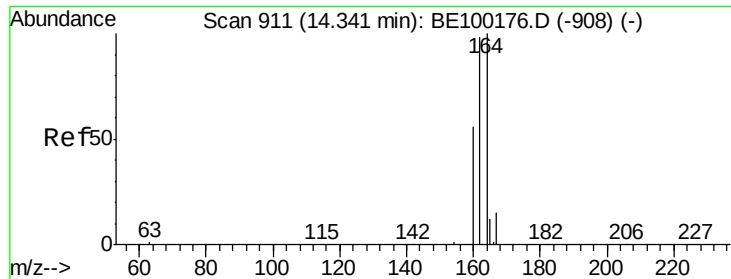


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





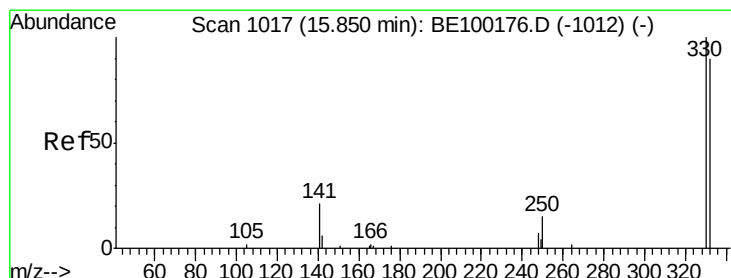
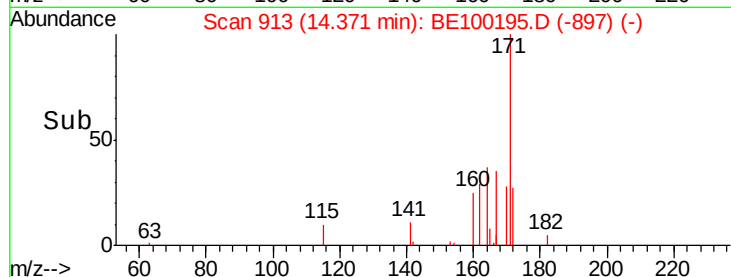
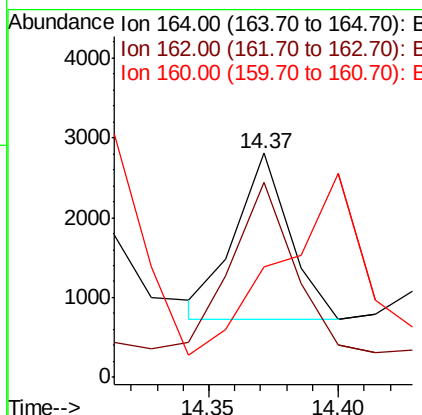
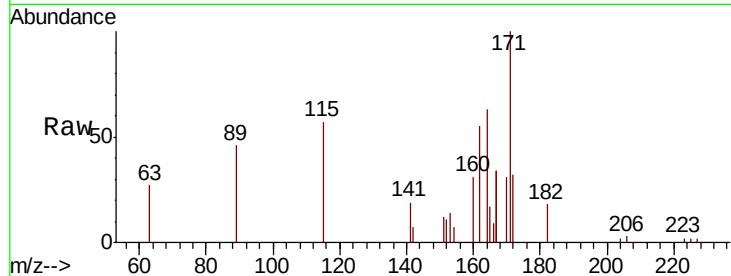
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. 0.03 min
 Lab File: BE100195.D
 Acq: 26 Jun 2019 15:39

Instrument :
 BNA_E
 ClientSampleId :
 KY032MW006-190610RE

Tgt Ion:164 Resp: 3013
 Ion Ratio Lower Upper
 164 100
 162 87.1 78.6 118.0
 160 49.0 46.9 70.3

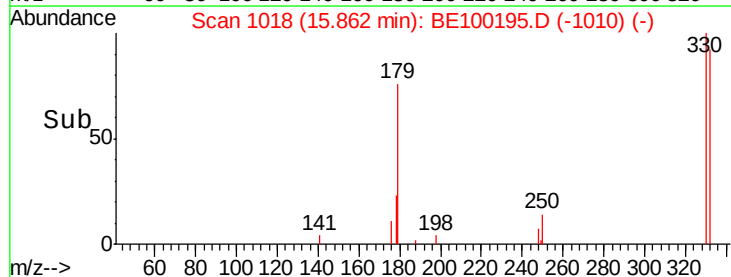
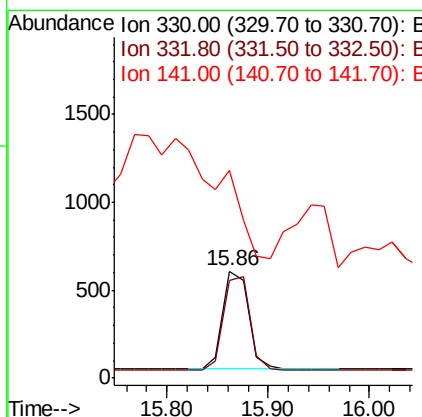
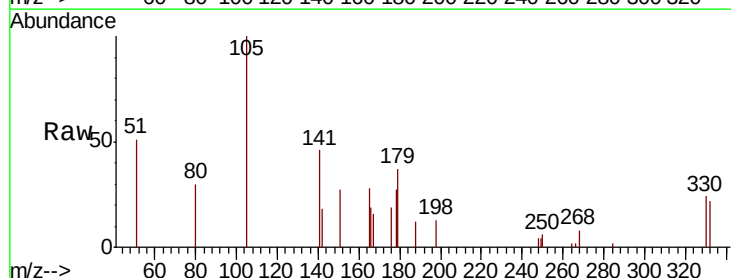
Manual Integrations
 APPROVED

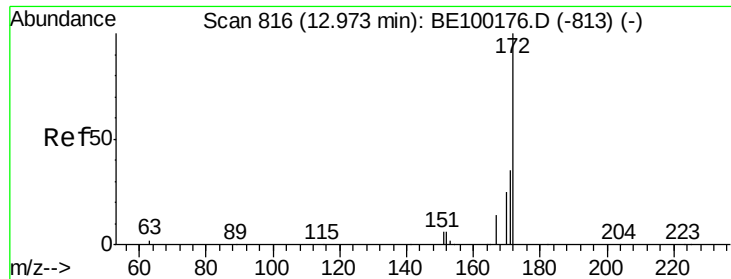
mohammad
 6/27/2019 9:24:23 AM



#14
 2,4,6-Tribromophenol
 Concen: 0.568 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE100195.D
 Acq: 26 Jun 2019 15:39

Tgt Ion:330 Resp: 991
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.7 116.5
 141 0.0 18.9 28.3#





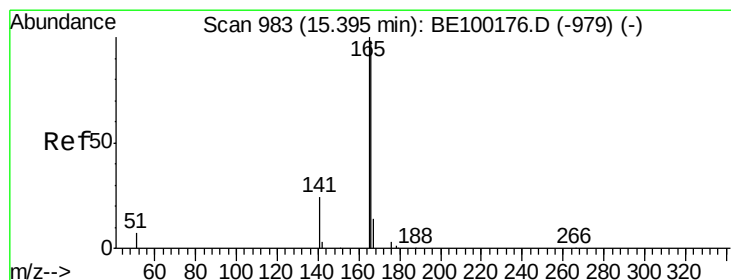
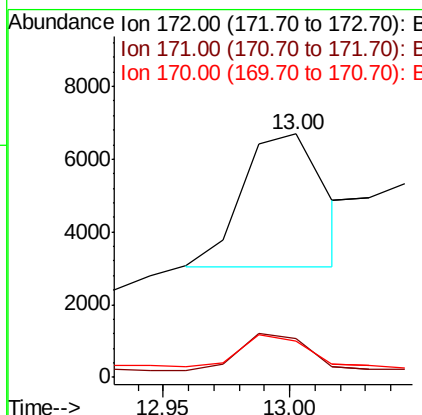
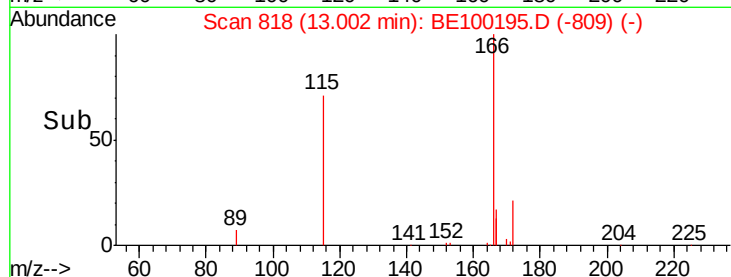
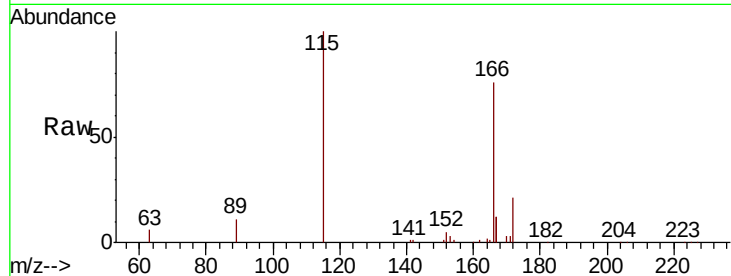
#15
2-Fluorobiphenyl
Concen: 0.686 ng m
RT: 13.00 min Scan# 818
Delta R.T. 0.03 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Tgt Ion:172 Resp: 8284
Ion Ratio Lower Upper
172 100
171 15.8 31.0 46.4#
170 14.7 23.9 35.9#

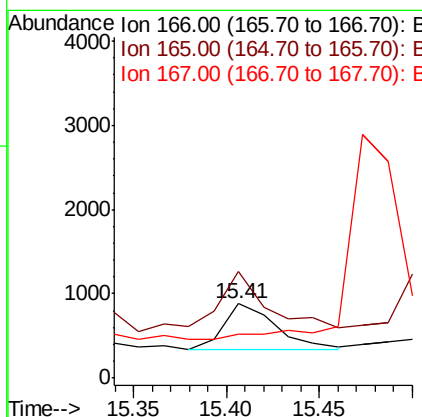
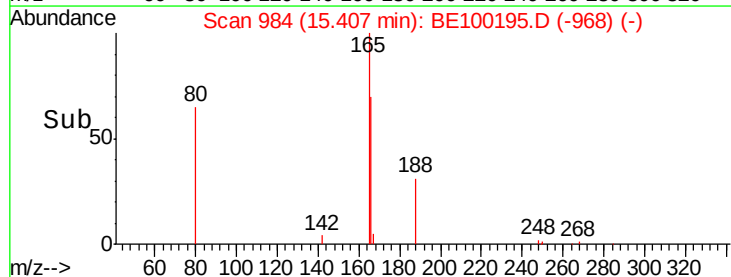
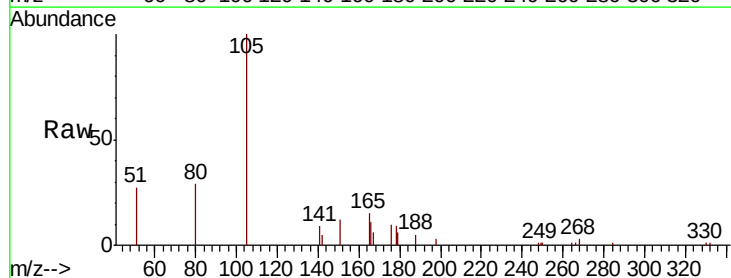
Manual Integrations
APPROVED

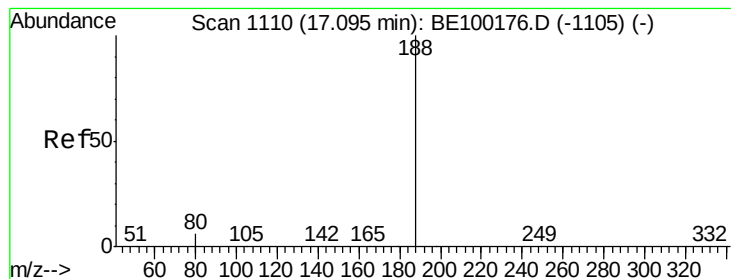
mohammad
6/27/2019 9:24:23 AM



#18
Fluorene
Concen: 0.089 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.01 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Tgt Ion:166 Resp: 1065
Ion Ratio Lower Upper
166 100
165 134.8 81.0 121.4#
167 0.0 11.4 17.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Instrument :

BNA_E

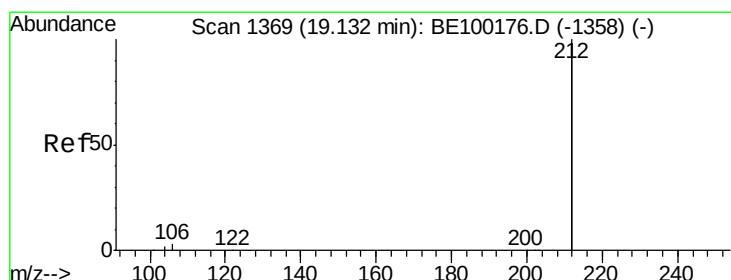
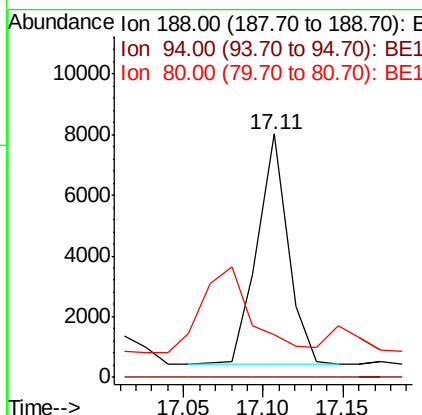
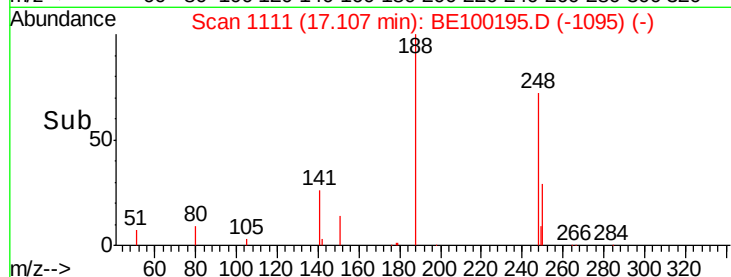
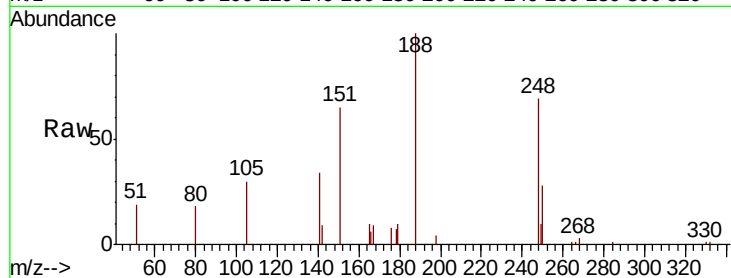
ClientSampleId :

KY032MW006-190610RE

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	10175		
94	0.0	0.0	0.0	
80	17.7	6.4	9.6#	

Manual Integrations
APPROVED

mohammad
6/27/2019 9:24:23 AM



#25

Fluoranthene-d10

Concen: 0.277 ng

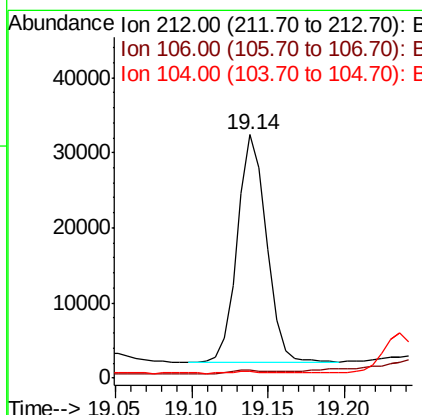
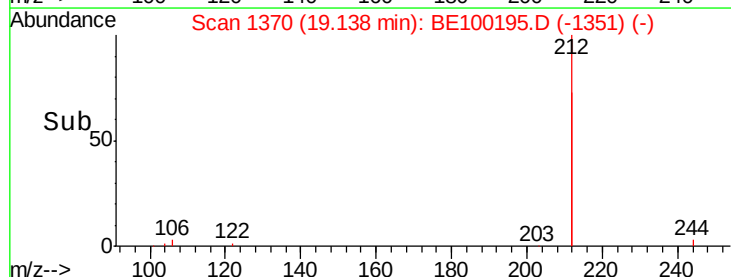
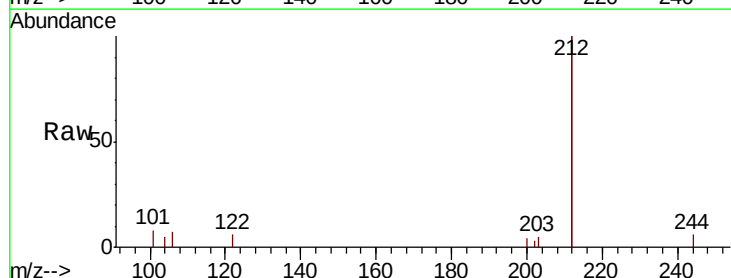
RT: 19.14 min Scan# 1370

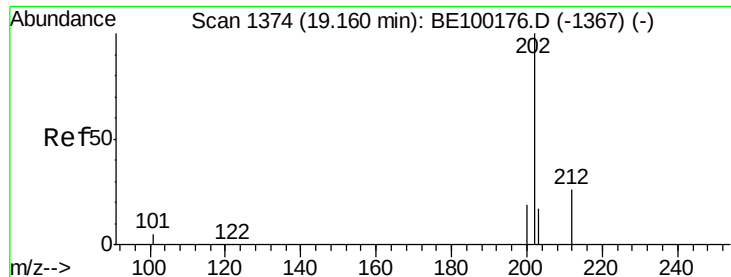
Delta R.T. 0.01 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	40630		
106	0.0	1.3	1.9#	
104	0.9	0.7	1.1	





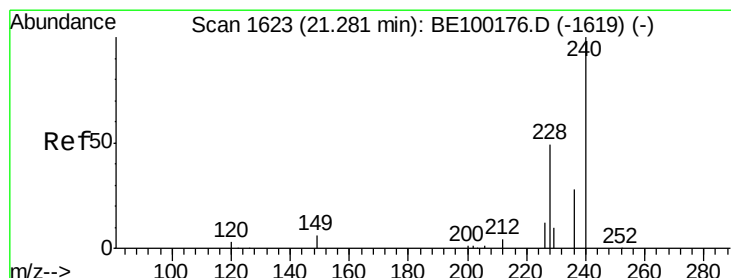
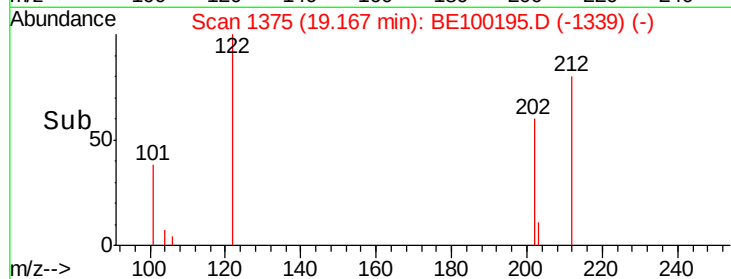
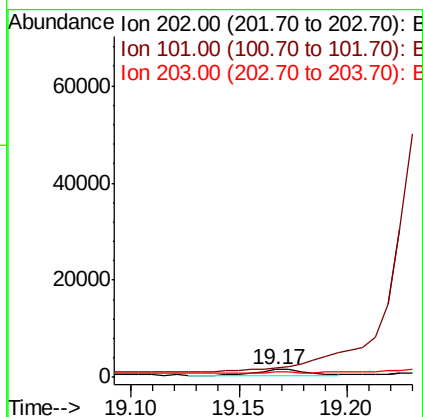
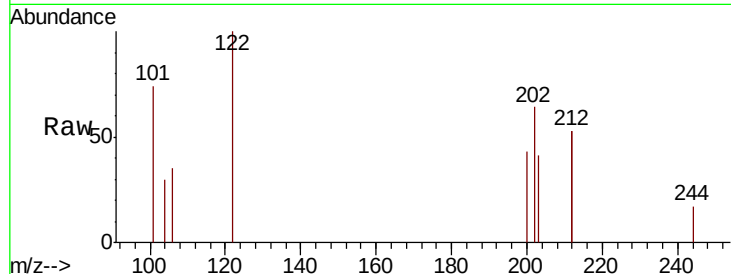
#26
Fluoranthene
Concen: 0.042 ng
RT: 19.17 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Tgt Ion: 202 Resp: 1637
Ion Ratio Lower Upper
202 100
101 0.0 4.5 6.7#
203 0.0 13.7 20.5#

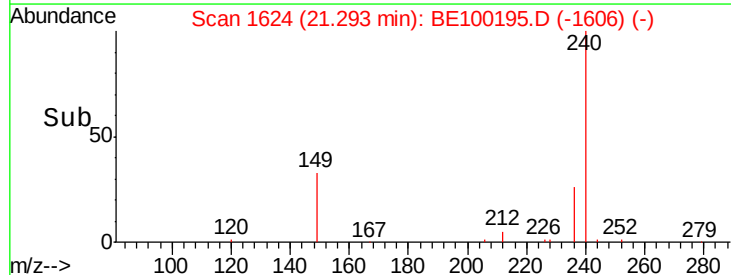
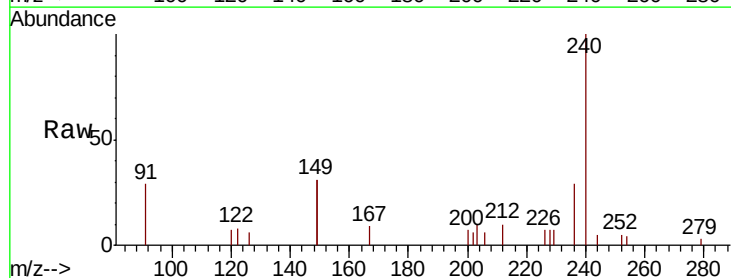
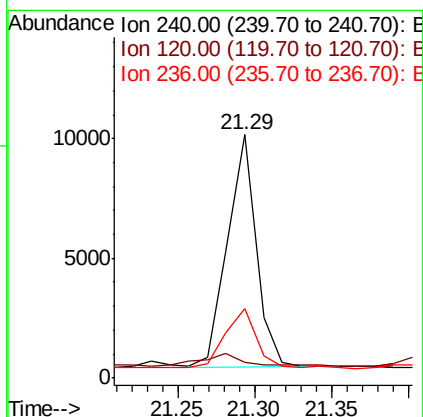
Manual Integrations
APPROVED

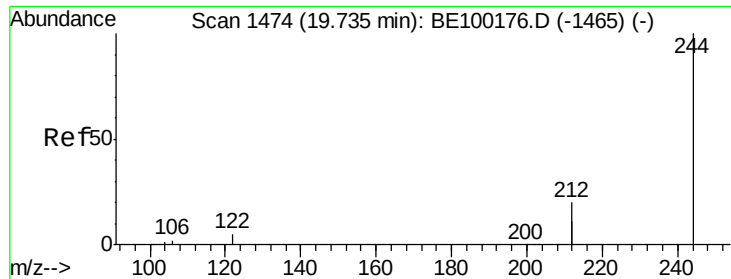
mohammad
6/27/2019 9:24:23 AM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Tgt Ion: 240 Resp: 12561
Ion Ratio Lower Upper
240 100
120 6.7 4.1 6.1#
236 28.8 23.0 34.6





#29

Terphenyl-d14

Concen: 0.450 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Instrument :

BNA_E

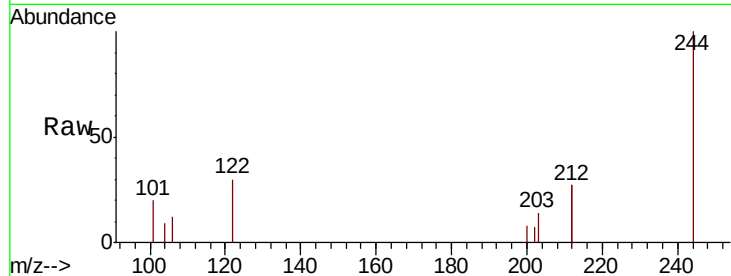
ClientSampleId :

KY032MW006-190610RE

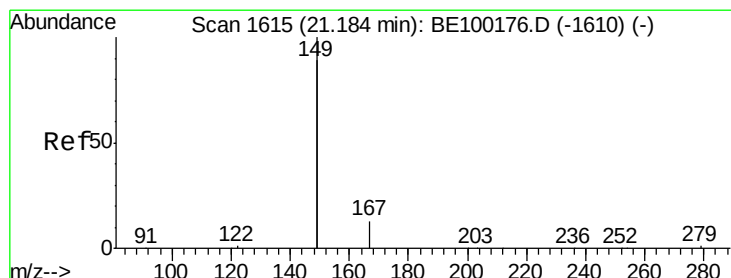
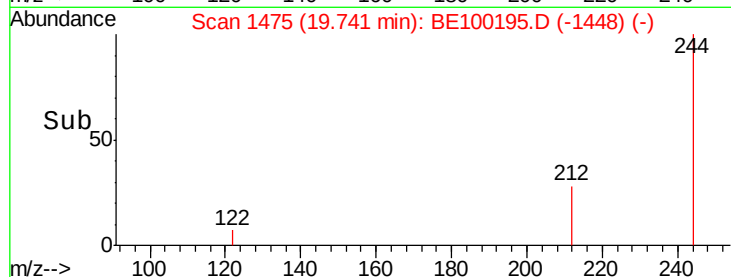
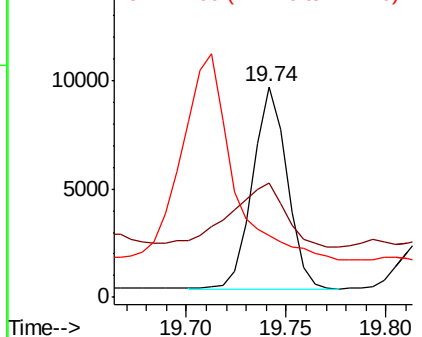
Tgt Ion:	244	Resp:	11106
Ion Ratio	Lower	Upper	
244	100		
212	54.3	30.7	46.1#
122	29.6	5.8	8.6#

Manual Integrations
APPROVED

mohammad
6/27/2019 9:24:23 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.247 ng

RT: 21.20 min Scan# 1616

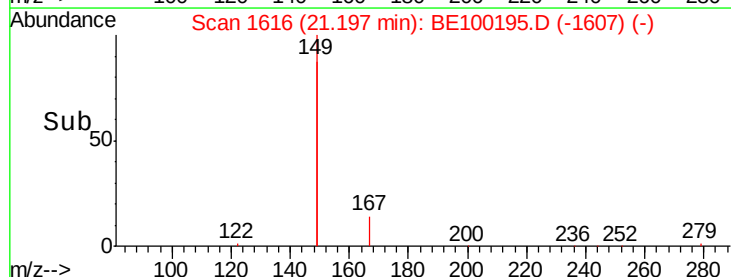
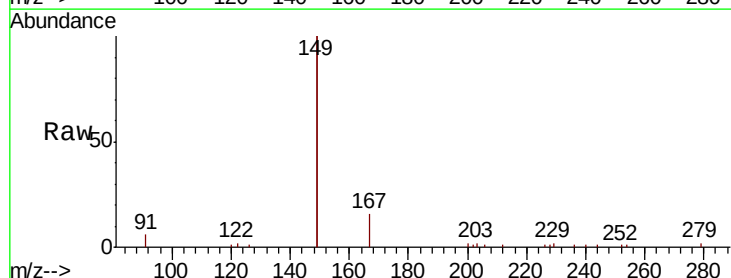
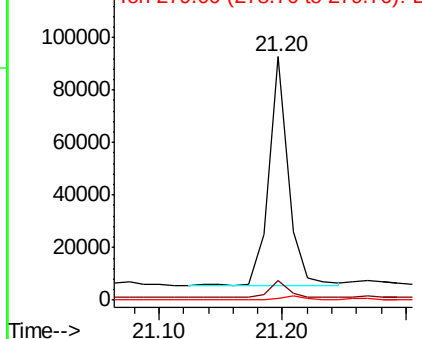
Delta R.T. 0.01 min

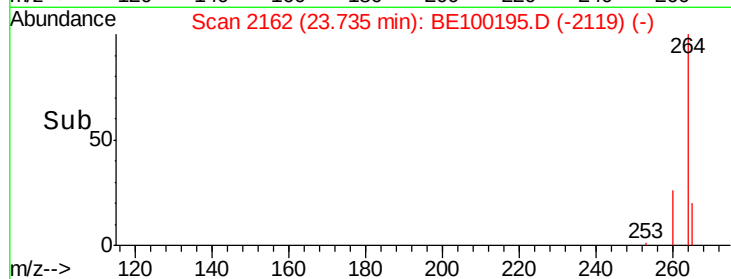
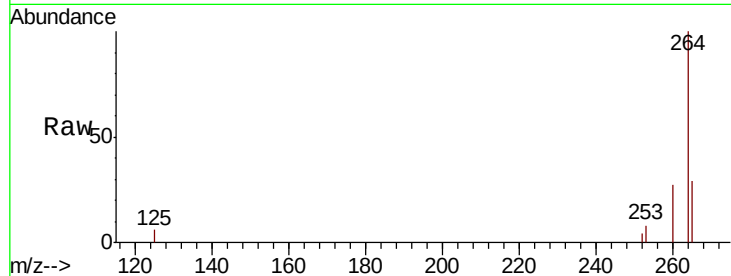
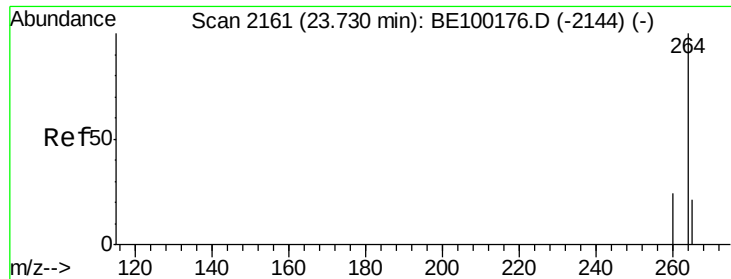
Lab File: BE100195.D

Acq: 26 Jun 2019 15:39

Tgt Ion:	149	Resp:	95633
Ion Ratio	Lower	Upper	
149	100		
167	7.1	5.9	8.9
279	1.4	1.0	1.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BE100195.D
Acq: 26 Jun 2019 15:39

Instrument :
BNA_E
ClientSampleId :
KY032MW006-190610RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.4	30.6
265	29.1	22.5	33.7

Manual Integrations
APPROVED

mohammad
6/27/2019 9:24:23 AM

