

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093295.D
 Acq On : 20 Jun 2017 23:30
 Operator : SJ/JU
 Sample : I3627-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A90

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:19:02 PM

Quant Time: Jun 21 04:02:01 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1820	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9400	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	9514	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14005	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13733	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11822m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3309	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	9312	0.24	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.57	128	4286846	183.803	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	936944	58.749	ng/ul	99
7) Acenaphthylene	14.08	152	25244	0.618	ng/ul#	85
8) Acenaphthene	14.43	153	677166	20.561	ng/ul	98
9) Fluorene	15.42	166	664868	17.217	ng/ul	91
12) Phenanthrene	17.15	178	3806435	98.780	ng/ul#	94
13) Anthracene	17.22	178	584211	17.413	ng/ul#	85
15) Fluoranthene	19.16	202	2227897	47.146	ng/ul	84
17) Pyrene	19.52	202	1377375	34.010	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	442144	12.070	ng/ul#	85
19) Chrysene	21.30	228	367927	9.683	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	228111	6.358	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	72553m	1.904	ng/ul	
23) Benzo(a)pyrene	23.55	252	131817m	3.886	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	48624m	1.238	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	15783m	0.477	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	28354	0.842	ng/ul	98

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

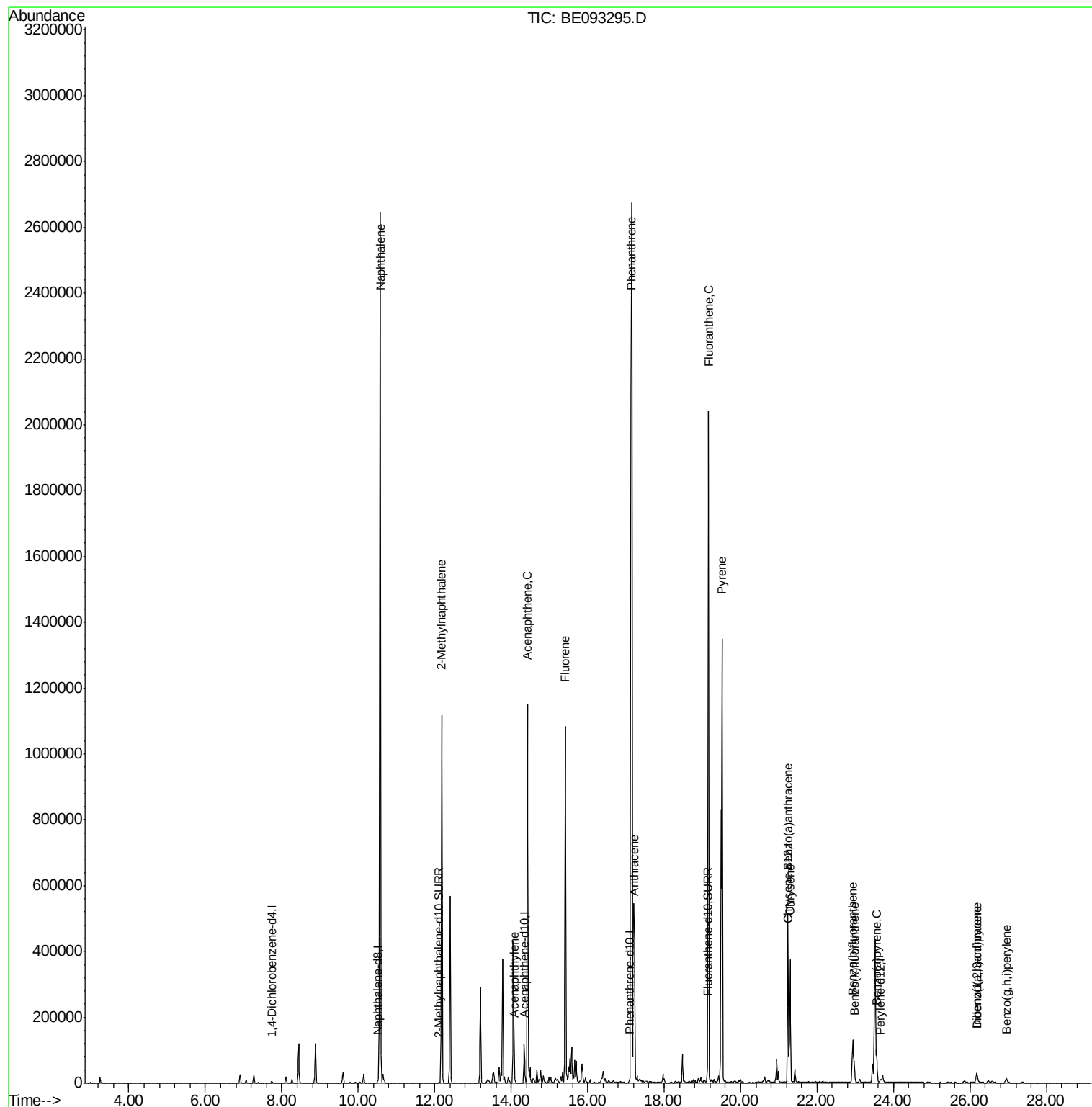
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Data File : BE093295.D
Acq On : 20 Jun 2017 23:30
Operator : SJ/JU
Sample : I3627-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

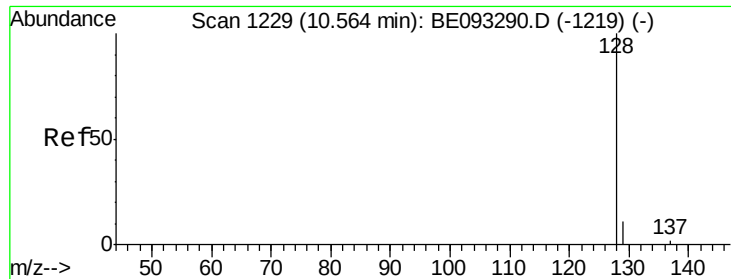
Instrument :
BNA_E
ClientSampled :
F5A90

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM

Quant Time: Jun 21 04:02:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration





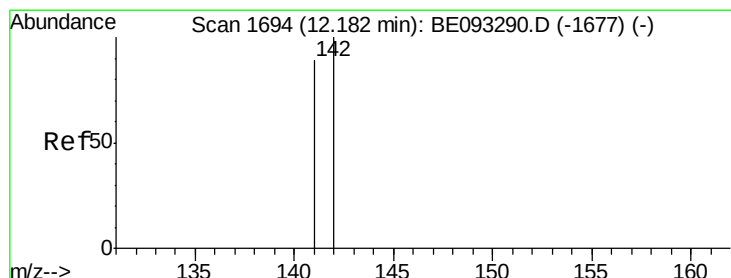
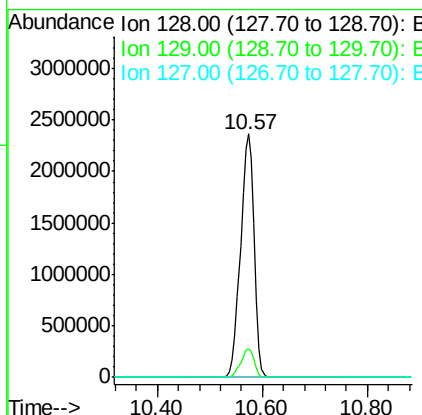
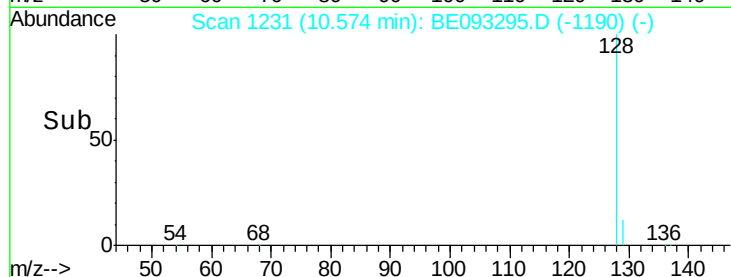
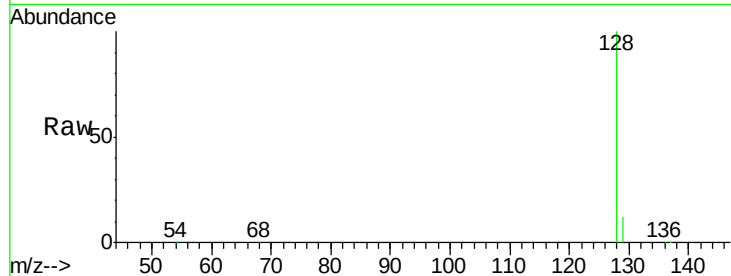
#3
Naphthalene
Concen: 183.803 ng/ul
RT: 10.57 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BE093295.D
Acq: 20 Jun 2017 23:30

Instrument :
BNA_E
ClientSampleId :
F5A90

Tgt Ion:128 Resp: 4286846
Ion Ratio Lower Upper
128 100
129 11.9 11.3 16.9
127 0.0 4.0 6.0#

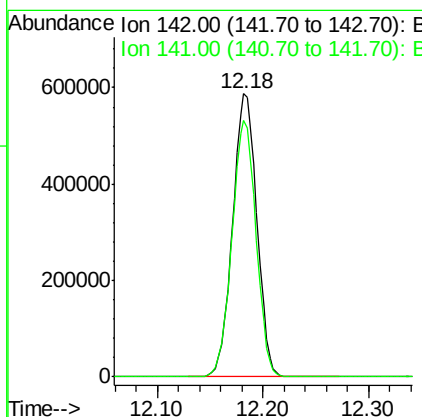
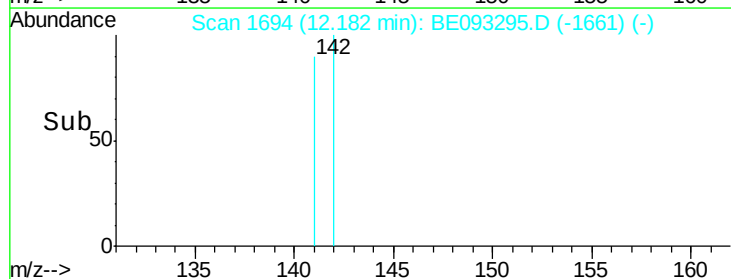
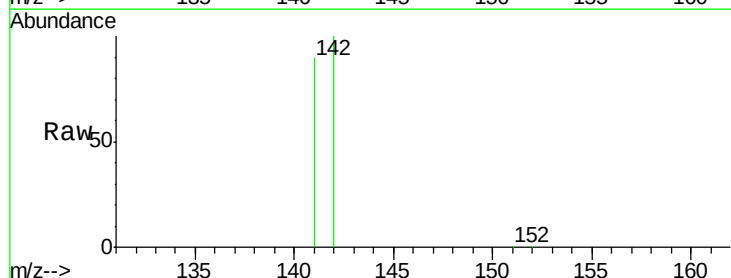
Manual Integrations
APPROVED

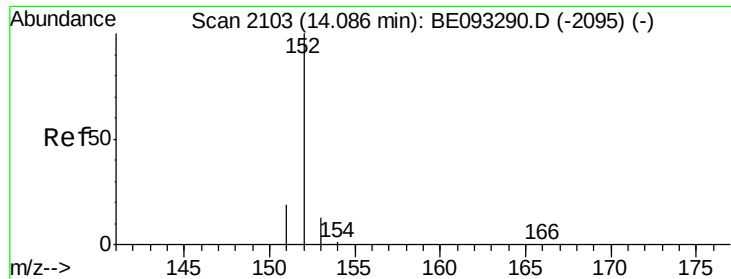
mohammad
6/21/2017 12:19:02 PM



#5
2-Methylnaphthalene
Concen: 58.749 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE093295.D
Acq: 20 Jun 2017 23:30

Tgt Ion:142 Resp: 936944
Ion Ratio Lower Upper
142 100
141 90.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.618 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Instrument :

BNA_E

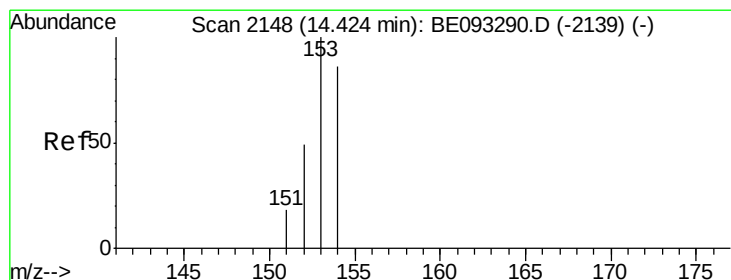
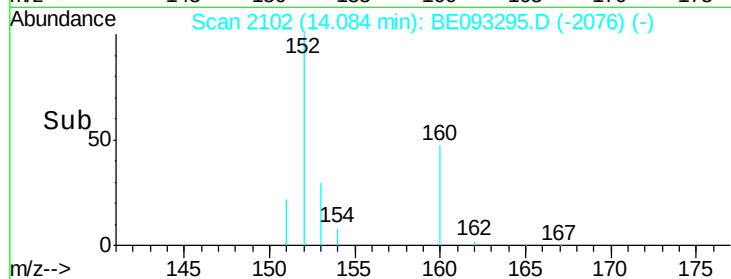
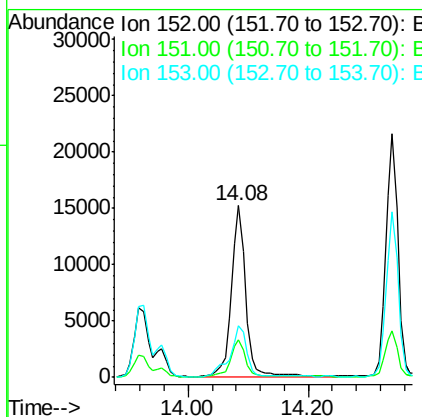
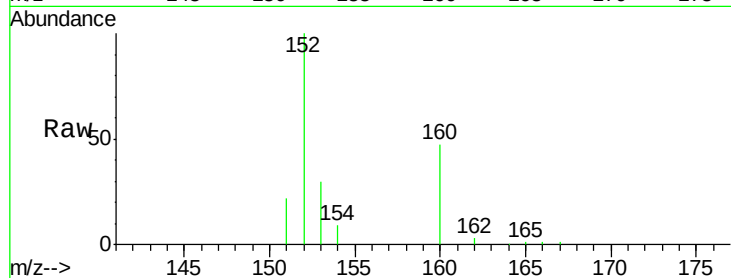
ClientSampleId :

F5A90

Tgt Ion:	152	Resp:	25244
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.1	25.7
153	30.2	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM



#8

Acenaphthene

Concen: 20.561 ng/ul

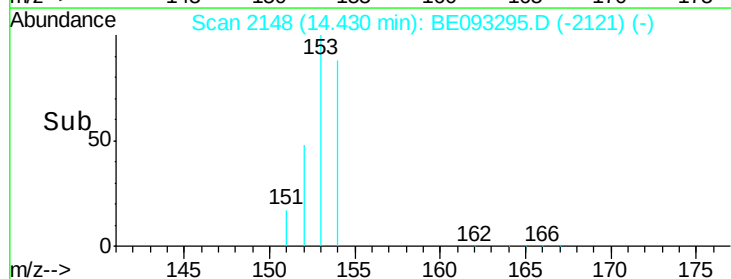
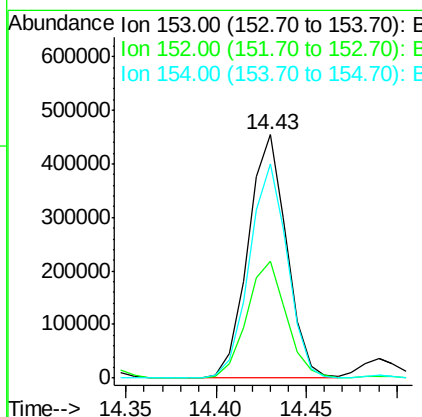
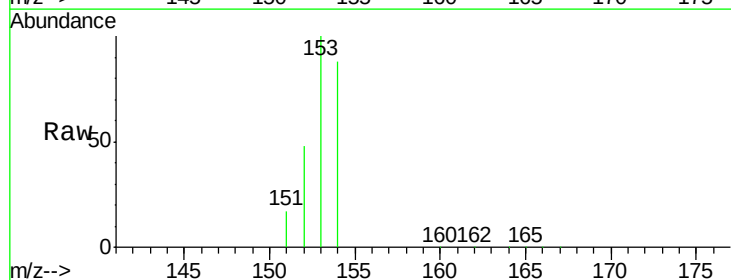
RT: 14.43 min Scan# 2148

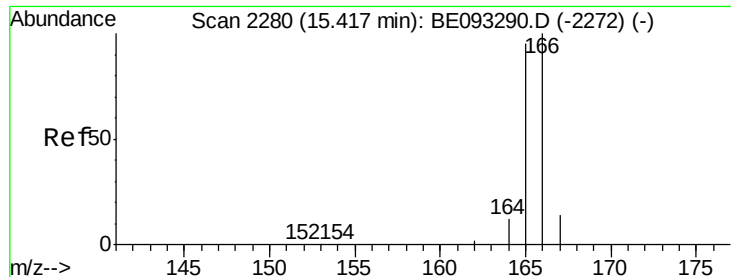
Delta R.T. 0.01 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Tgt Ion:	153	Resp:	677166
Ion Ratio	Lower	Upper	
153	100		
152	47.8	40.3	60.5
154	87.8	71.4	107.2





#9

Fluorene

Concen: 17.217 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Instrument :

BNA_E

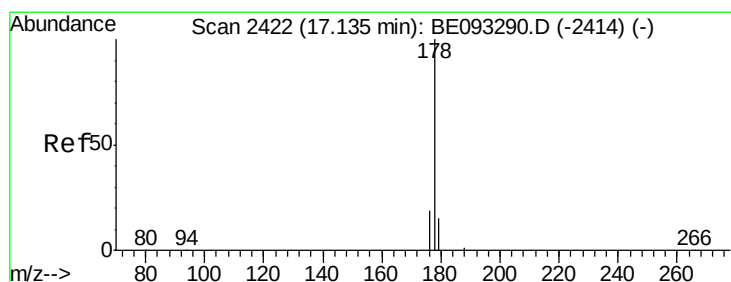
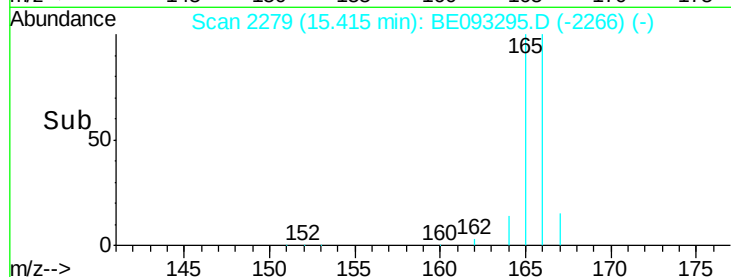
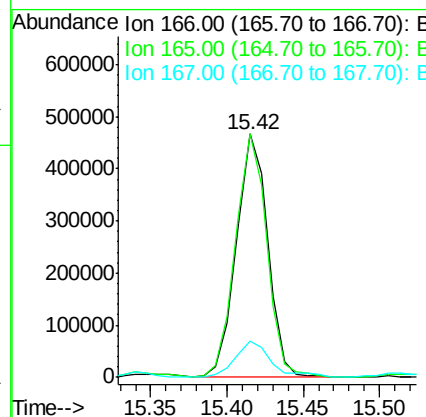
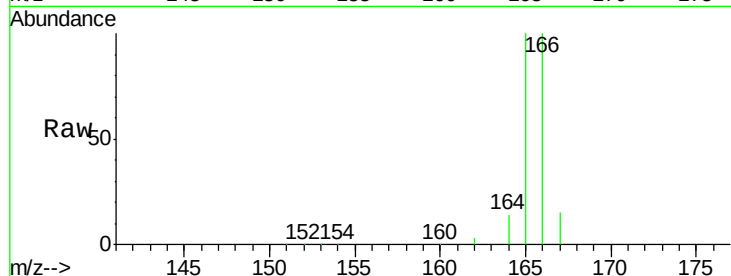
ClientSampleId :

F5A90

Tgt Ion:	166	Resp:	664868
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	14.9	14.6	22.0

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM



#12

Phenanthrene

Concen: 98.780 ng/ul

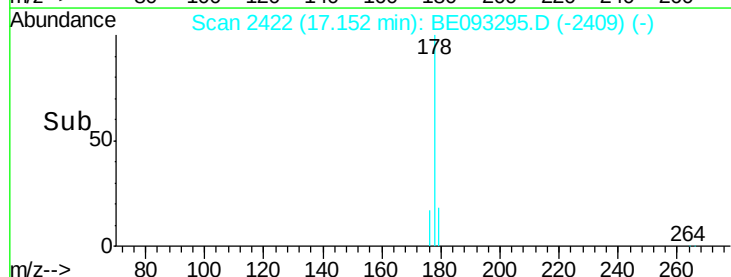
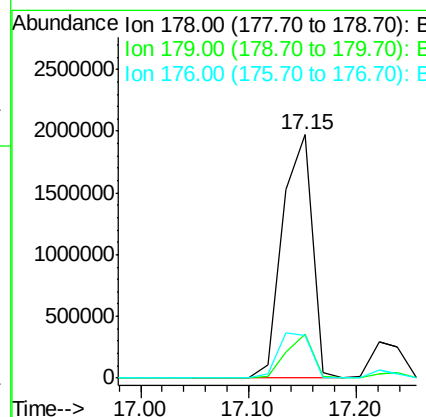
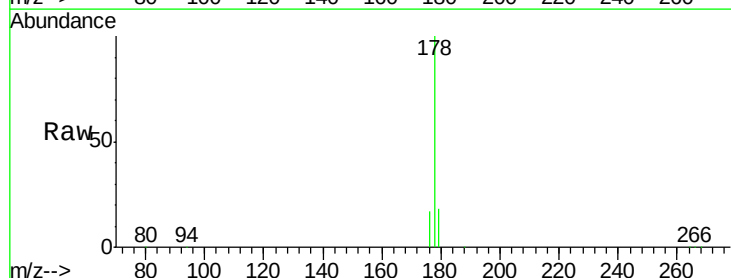
RT: 17.15 min Scan# 2422

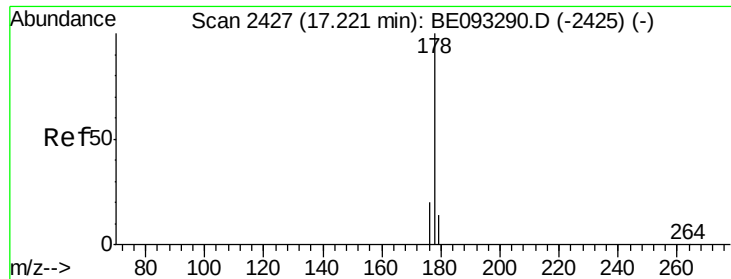
Delta R.T. 0.02 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Tgt Ion:	178	Resp:	3806435
Ion Ratio	Lower	Upper	
178	100		
179	18.0	18.4	27.6#
176	17.5	13.6	20.4





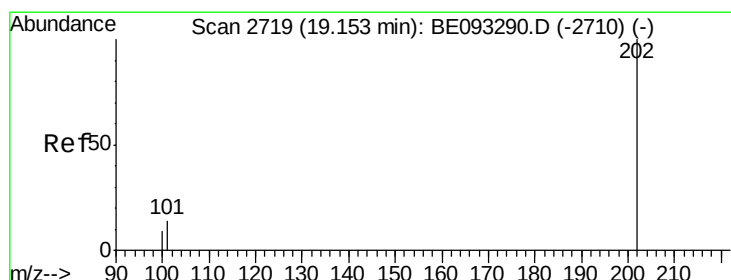
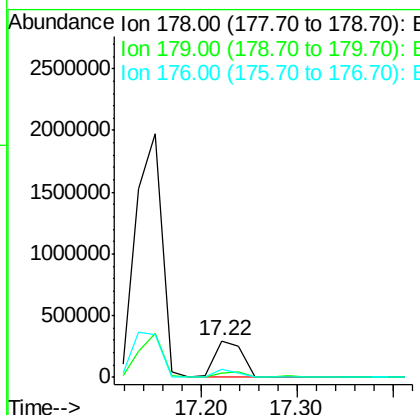
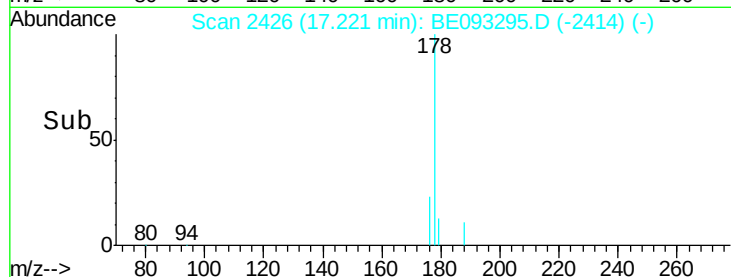
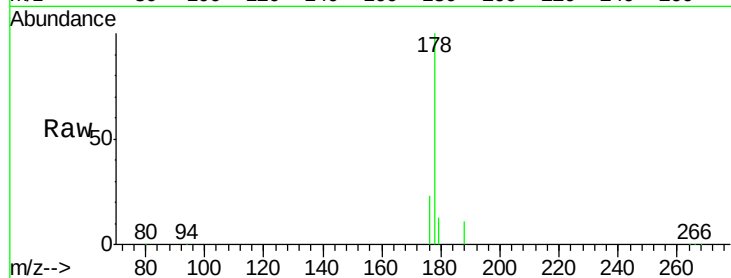
#13
 Anthracene
 Concen: 17.413 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE093295.D
 Acq: 20 Jun 2017 23:30

Instrument :
 BNA_E
 ClientSampleId :
 F5A90

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.1	18.1	27.1#
176	22.6	14.7	22.1#

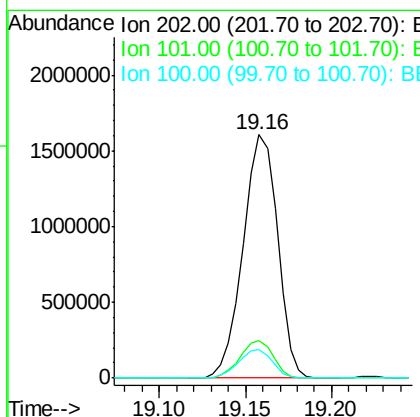
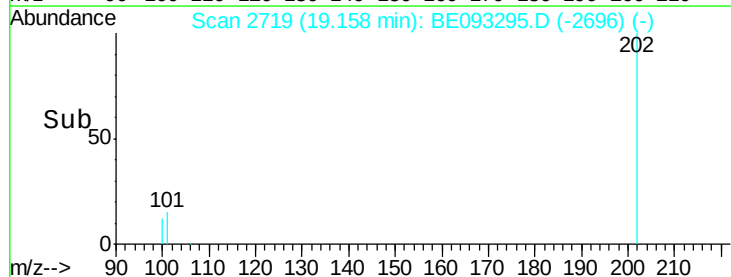
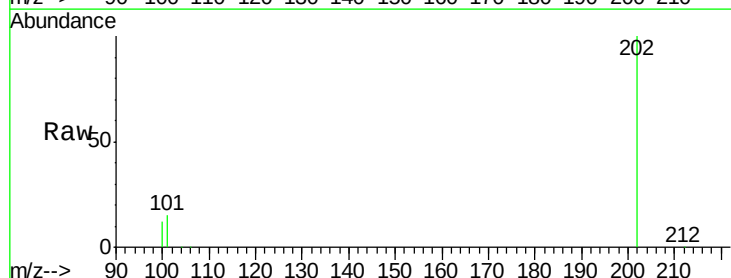
Manual Integrations
 APPROVED

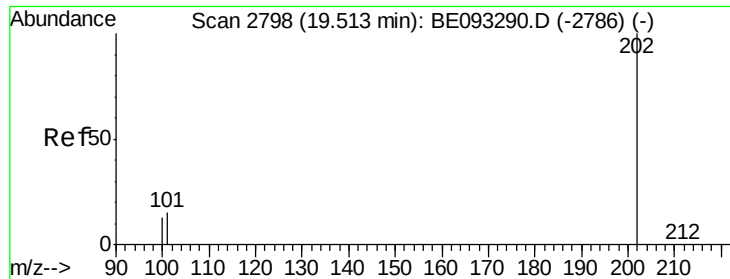
mohammad
 6/21/2017 12:19:02 PM



#15
 Fluoranthene
 Concen: 47.146 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BE093295.D
 Acq: 20 Jun 2017 23:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	30.3
100	11.6	0.0	39.5





#17

Pyrene

Concen: 34.010 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Instrument :

BNA_E

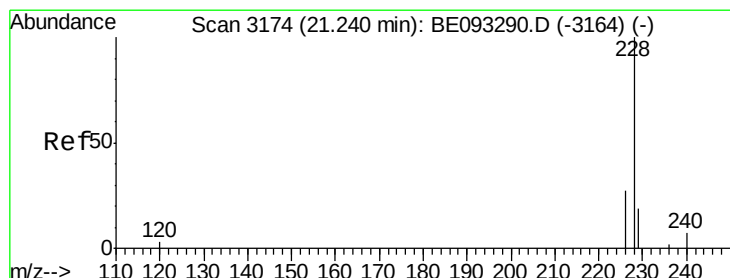
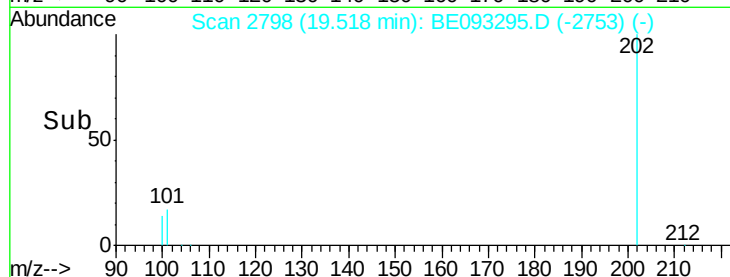
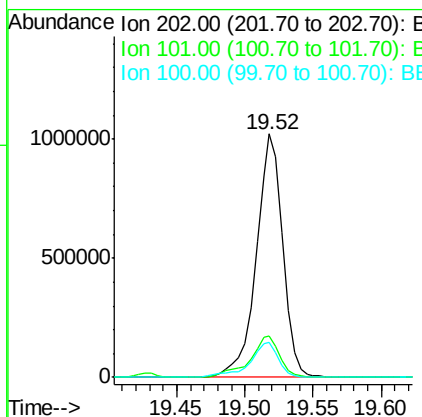
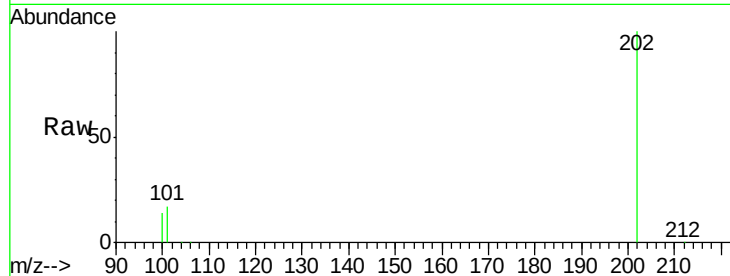
ClientSampled :

F5A90

Tgt Ion:	202	Resp:	1377375
Ion Ratio	Lower	Upper	
202	100		
101	17.2	18.2	27.4#
100	14.2	15.6	23.4#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM



#18

Benzo(a)anthracene

Concen: 12.070 ng/ul

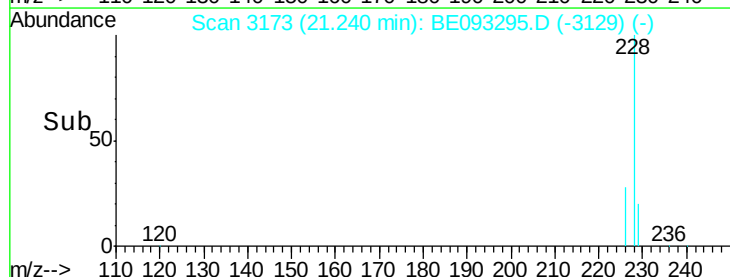
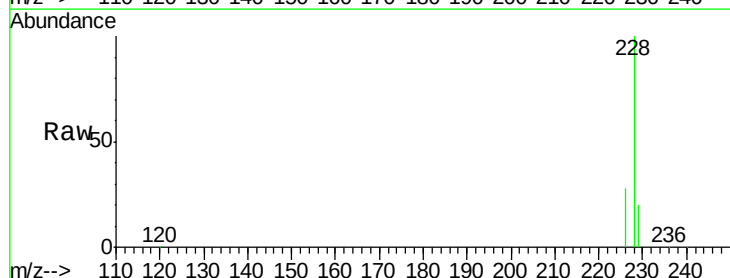
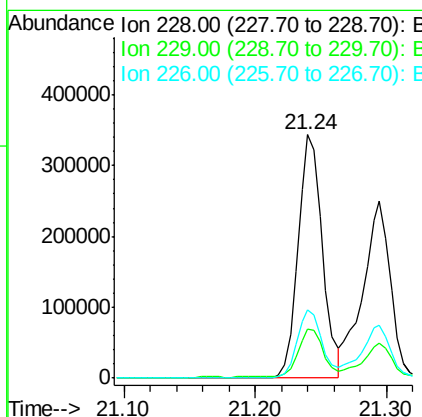
RT: 21.24 min Scan# 3173

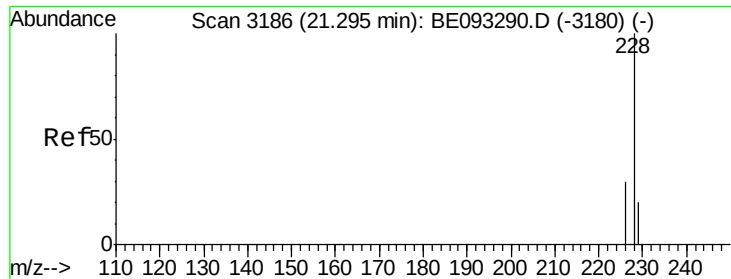
Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Tgt Ion:	228	Resp:	442144
Ion Ratio	Lower	Upper	
228	100		
229	20.3	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 9.683 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Instrument :

BNA_E

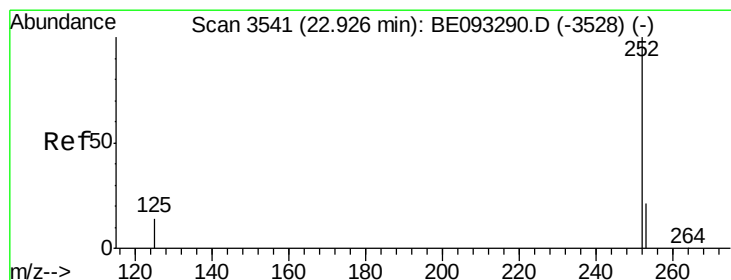
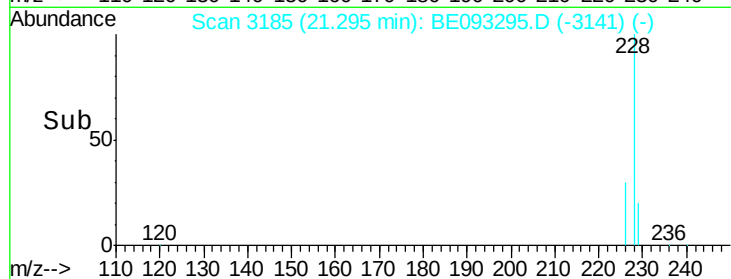
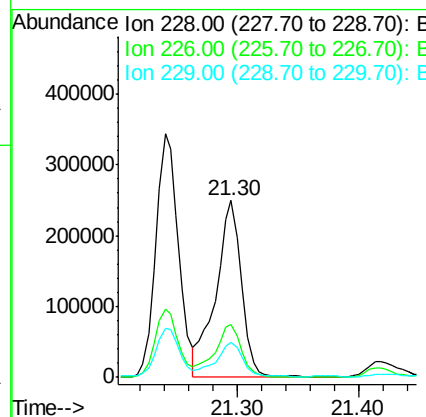
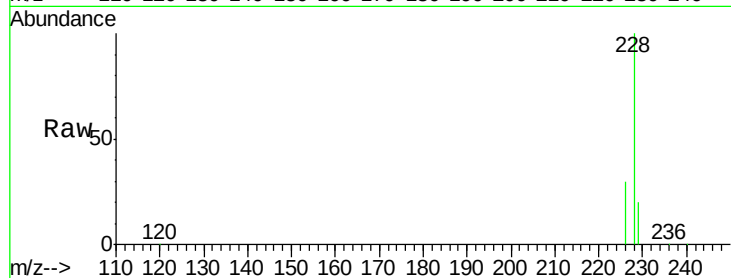
ClientSampleId :

F5A90

Tgt Ion:	228	Resp:	367927
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	20.1	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM



#21

Benzo(b)fluoranthene

Concen: 6.358 ng/ul

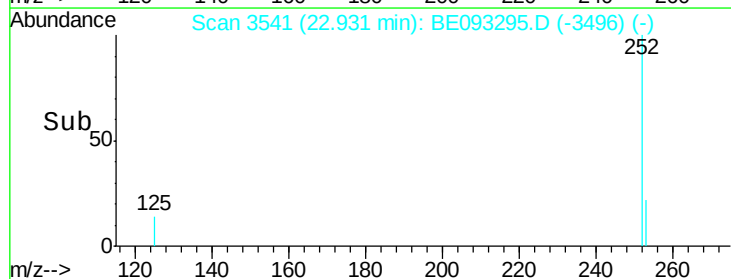
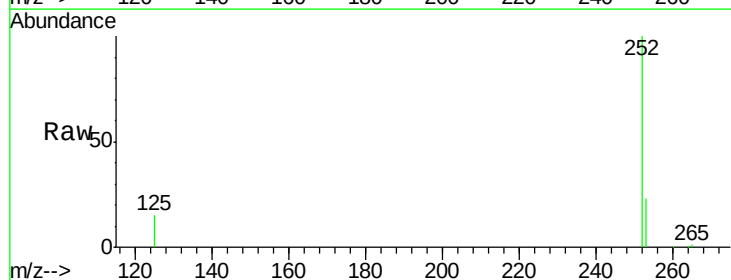
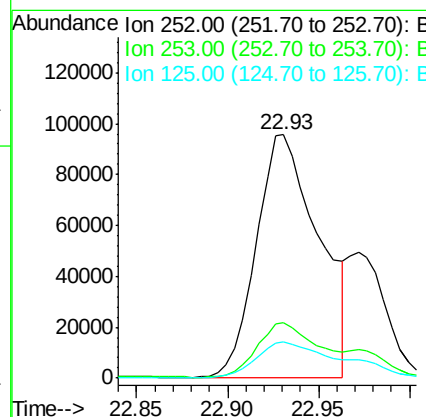
RT: 22.93 min Scan# 3541

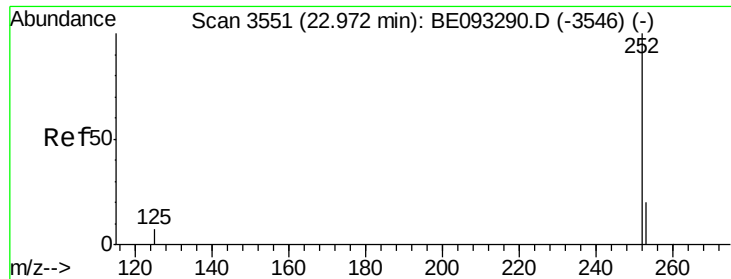
Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Tgt Ion:	252	Resp:	228111
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.904 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Instrument :

BNA_E

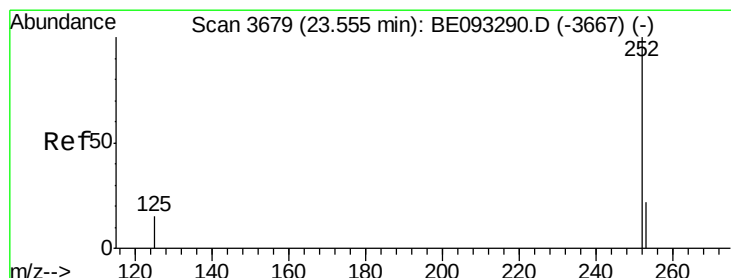
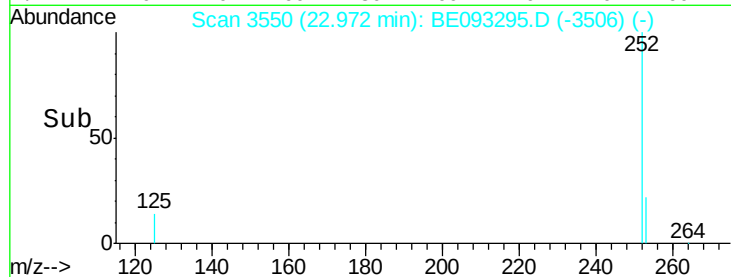
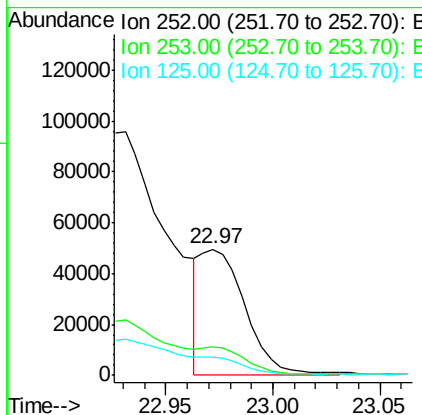
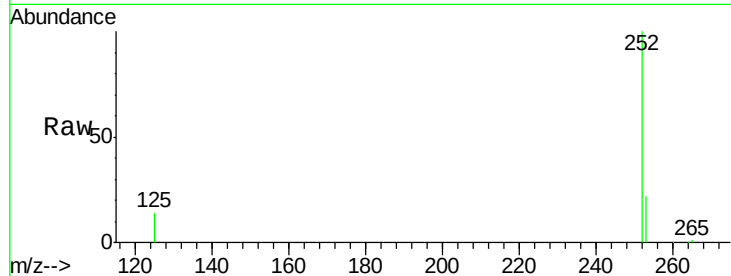
ClientSampleId :

F5A90

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	24.5	36.7#
125	14.2	13.7	20.5

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:02 PM



#23

Benzo(a)pyrene

Concen: 3.886 ng/ul m

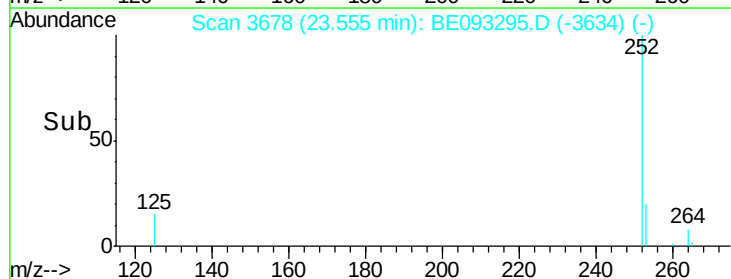
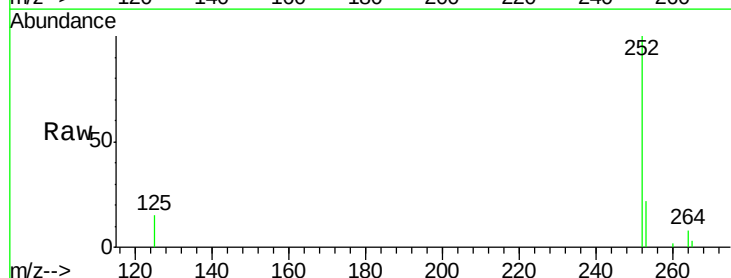
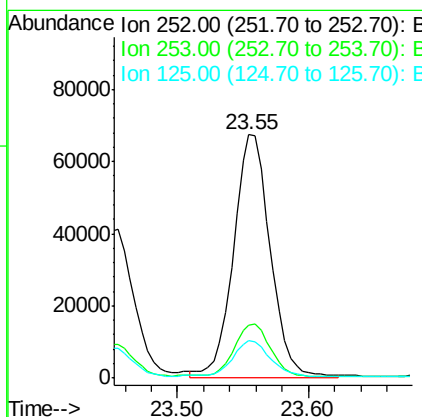
RT: 23.55 min Scan# 3678

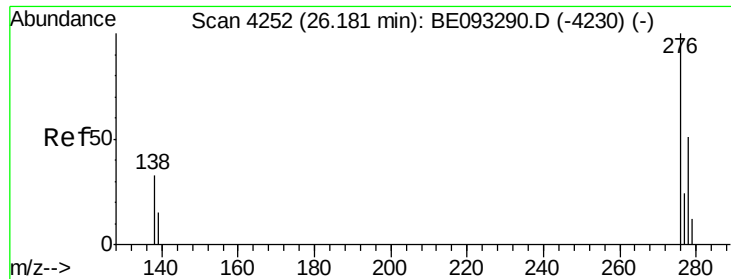
Delta R.T. 0.00 min

Lab File: BE093295.D

Acq: 20 Jun 2017 23:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	28.5	42.7#
125	15.2	18.1	27.1#





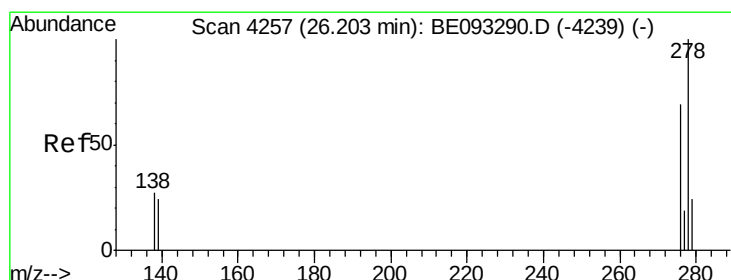
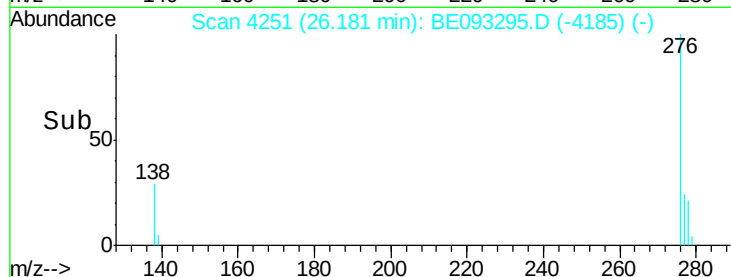
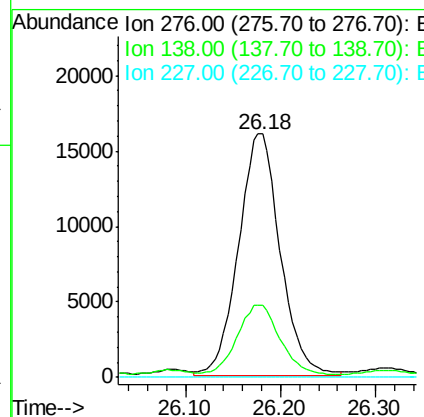
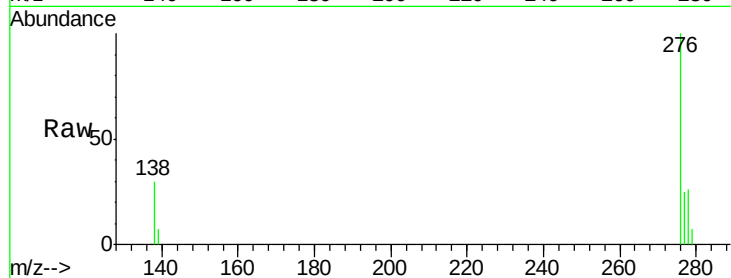
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.238 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093295.D
 Acq: 20 Jun 2017 23:30

Instrument :
 BNA_E
 ClientSampleId :
 F5A90

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.5	28.0	42.0#
227	0.0	8.0	12.0#

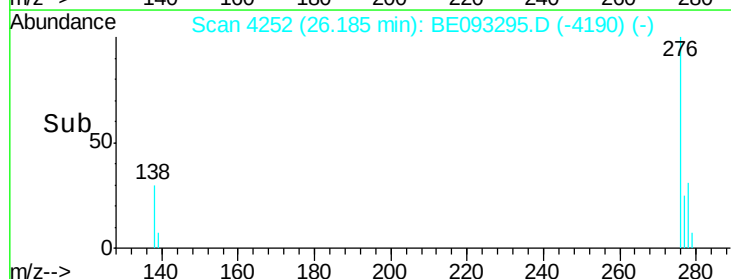
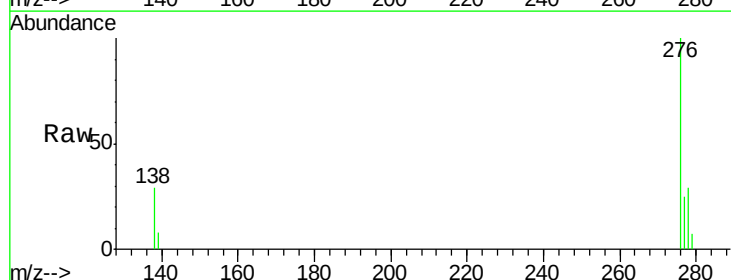
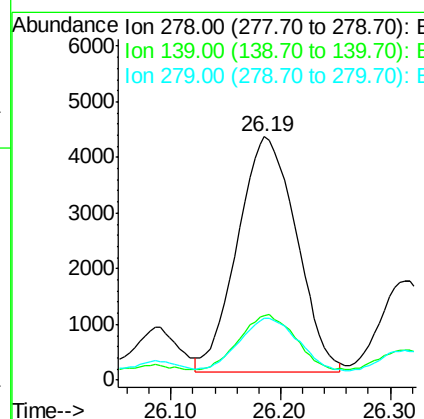
Manual Integrations
 APPROVED

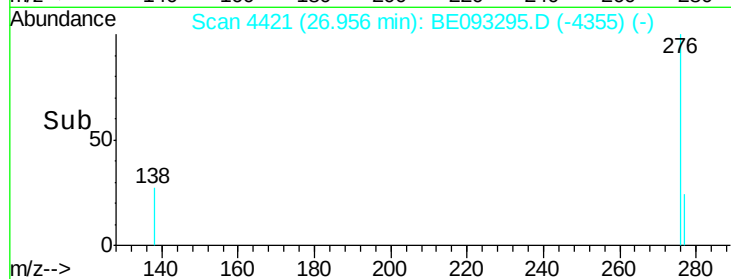
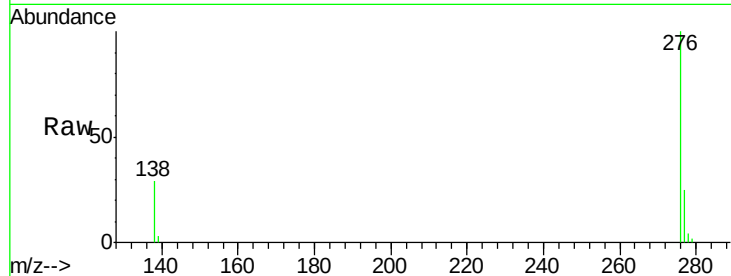
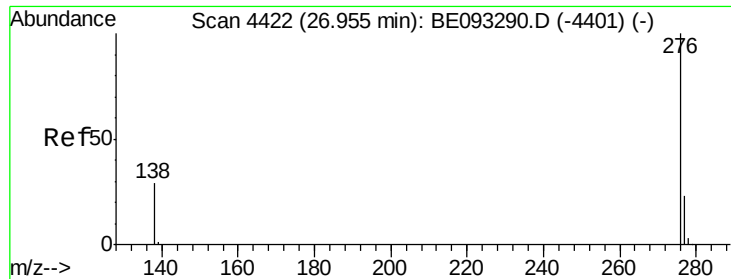
mohammad
 6/21/2017 12:19:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.477 ng/ul m
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.02 min
 Lab File: BE093295.D
 Acq: 20 Jun 2017 23:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	25.3	25.9	38.9#





#26
 Benzo(g,h,i)perylene
 Concen: 0.842 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. 0.00 min
 Lab File: BE093295.D
 Acq: 20 Jun 2017 23:30

Instrument :
 BNA_E
 ClientSampleId :
 F5A90

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.0	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:19:02 PM

