

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093210.D
 Acq On : 15 Jun 2017 16:12
 Operator : SJ/MA
 Sample : I3558-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:22 AM

Quant Time: Jun 16 04:53:51 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2928	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16110	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9767	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25376	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24924	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	34541	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	883	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2443	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	14906	0.373	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2954	0.108	ng/ul	99
7) Acenaphthylene	14.09	152	3150	0.075	ng/ul	98
8) Acenaphthene	14.43	153	4303	0.127	ng/ul	99
9) Fluorene	15.42	166	2824	0.071	ng/ul	93
12) Phenanthrene	17.13	178	22540	0.323	ng/ul#	86
13) Anthracene	17.22	178	8868	0.146	ng/ul#	88
15) Fluoranthene	19.16	202	34164	0.399	ng/ul	83
17) Pyrene	19.52	202	30228	0.411	ng/ul#	84
18) Benzo(a)anthracene	21.25	228	14964	0.225	ng/ul#	85
19) Chrysene	21.30	228	22400	0.325	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	59585m	0.568	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	15307m	0.137	ng/ul	
23) Benzo(a)pyrene	23.56	252	28084	0.283	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.19	276	31250	0.272	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.20	278	7461	0.077	ng/ul#	86
26) Benzo(g,h,i)perylene	26.96	276	28172	0.286	ng/ul	97

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

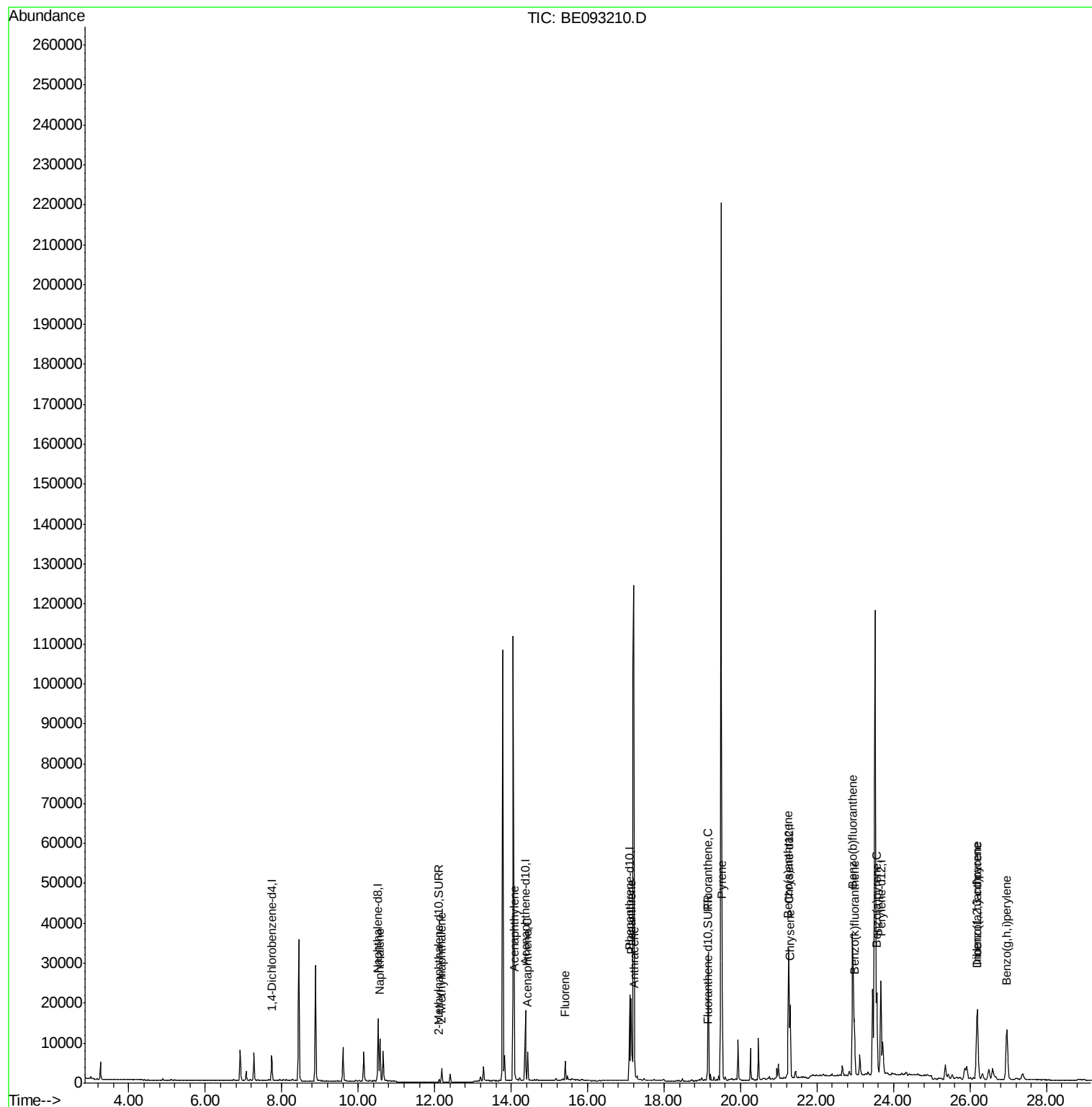
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093210.D
Acq On : 15 Jun 2017 16:12
Operator : SJ/MA
Sample : I3558-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

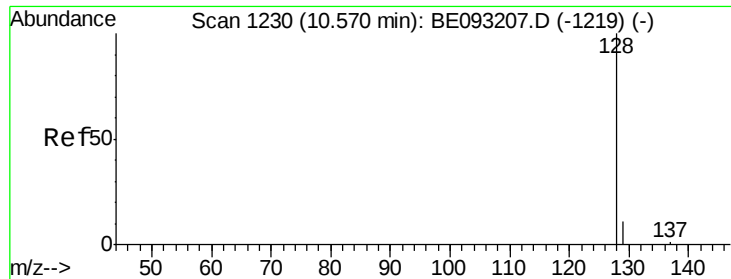
Instrument :
BNA_E
ClientSampleId :
F5C61DL

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM

Quant Time: Jun 16 04:53:51 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.373 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

ClientSampleId :

F5C61DL

Tgt Ion:128 Resp: 14906

Ion Ratio Lower Upper

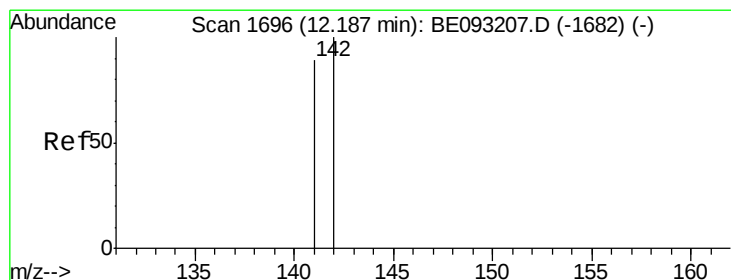
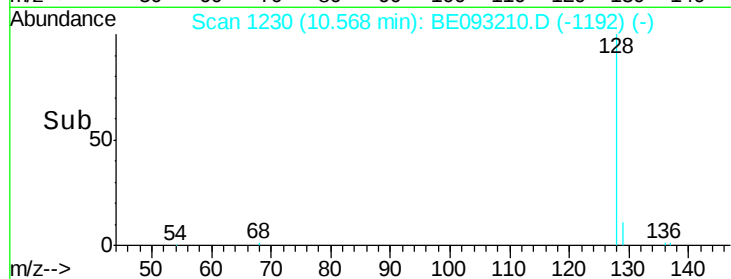
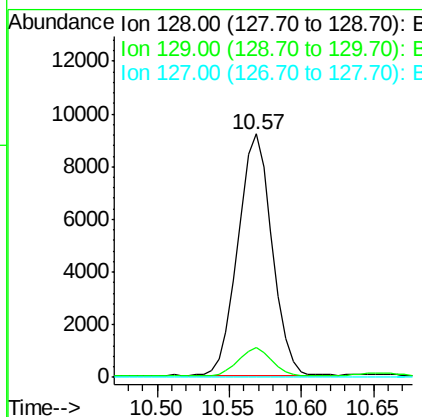
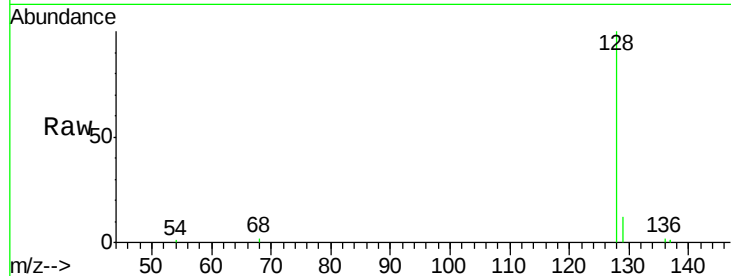
128 100

129 12.0 11.3 16.9

127 0.0 4.0 6.0#

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#5

2-Methylnaphthalene

Concen: 0.108 ng/ul

RT: 12.19 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093210.D

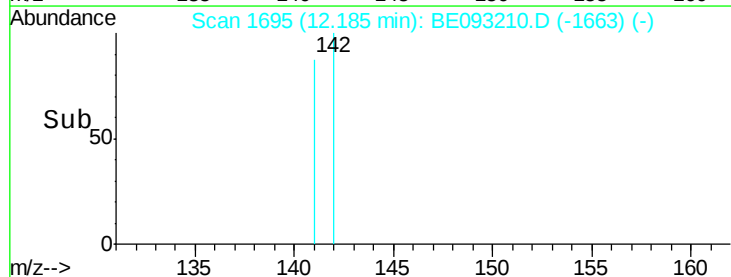
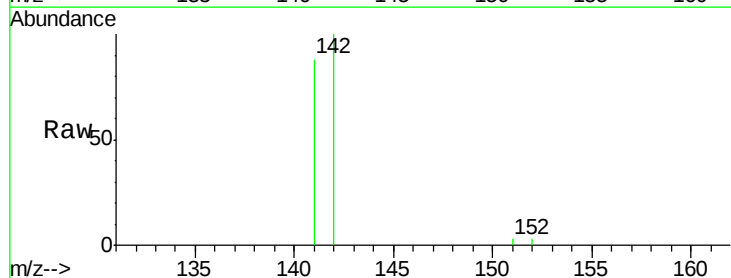
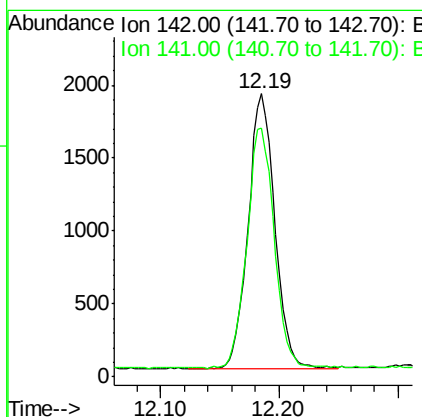
Acq: 15 Jun 2017 16:12

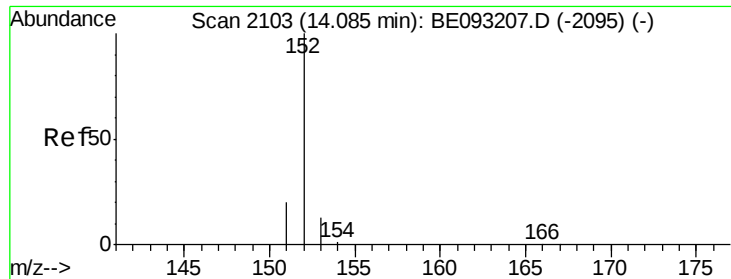
Tgt Ion:142 Resp: 2954

Ion Ratio Lower Upper

142 100

141 89.9 72.6 108.8





#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

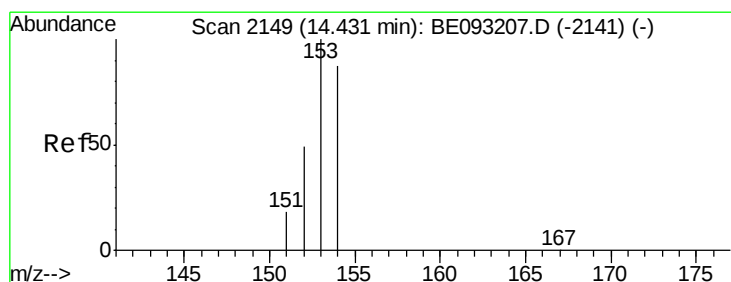
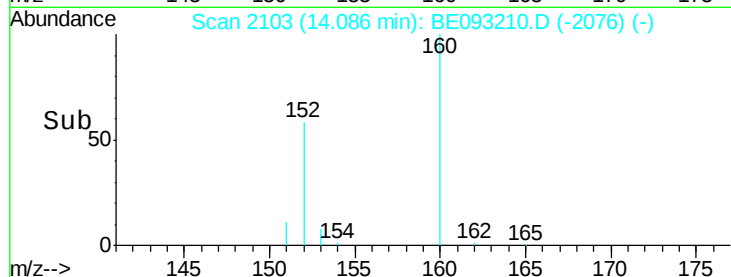
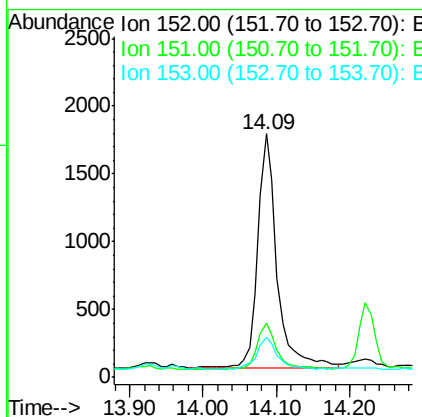
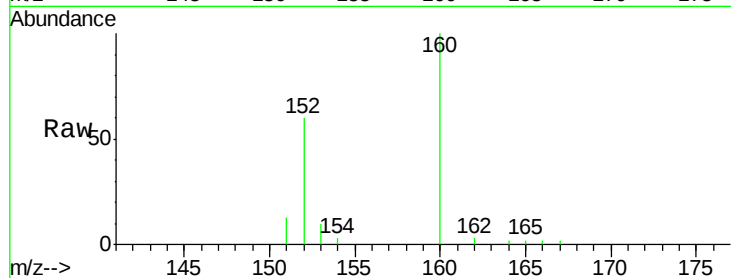
ClientSampleId :

F5C61DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.1	25.7
153	16.4	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#8

Acenaphthene

Concen: 0.127 ng/ul

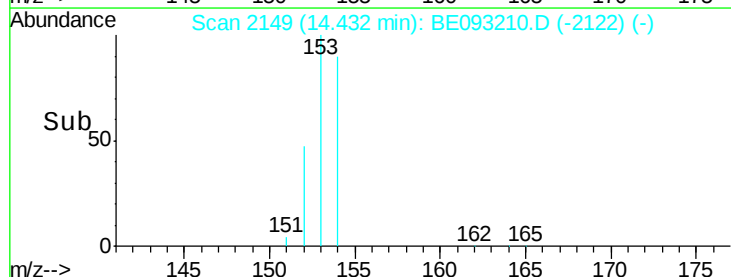
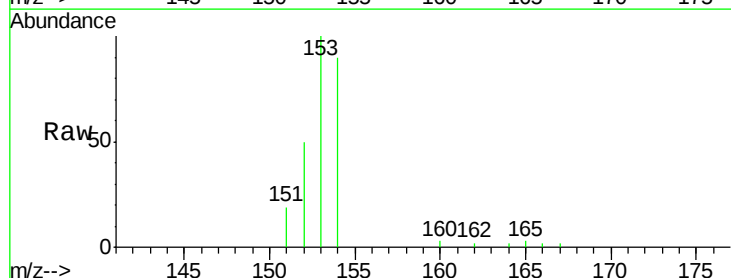
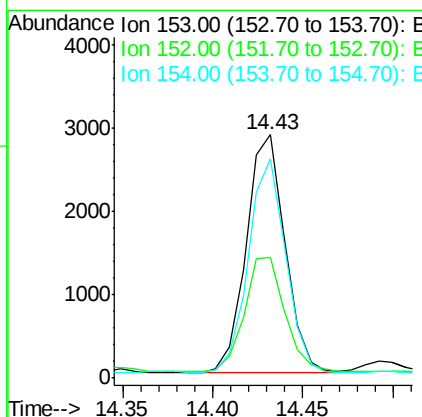
RT: 14.43 min Scan# 2149

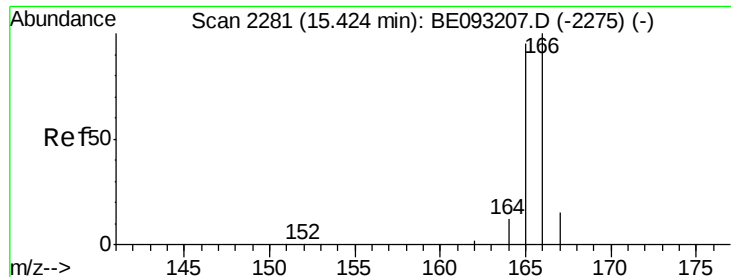
Delta R.T. 0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.3	60.5
154	89.8	71.4	107.2





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

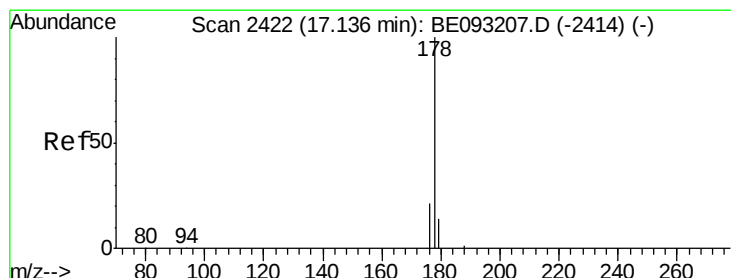
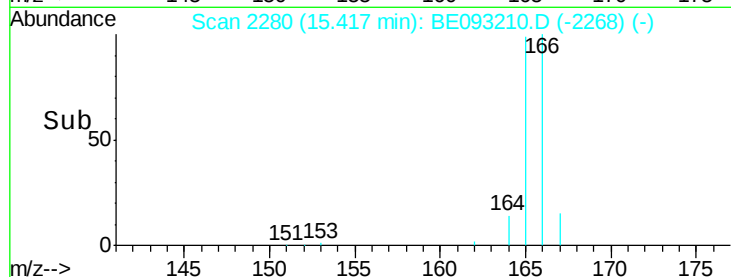
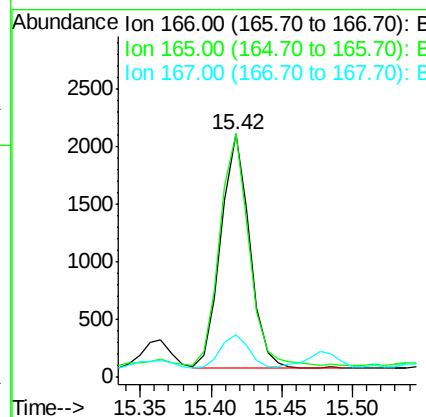
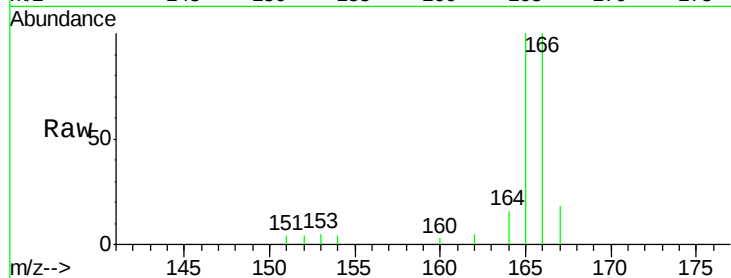
ClientSampleId :

F5C61DL

Tgt Ion:	166	Resp:	2824
Ion	Ratio	Lower	Upper
166	100		
165	100.0	73.4	110.2
167	17.6	14.6	22.0

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#12

Phenanthrene

Concen: 0.323 ng/ul

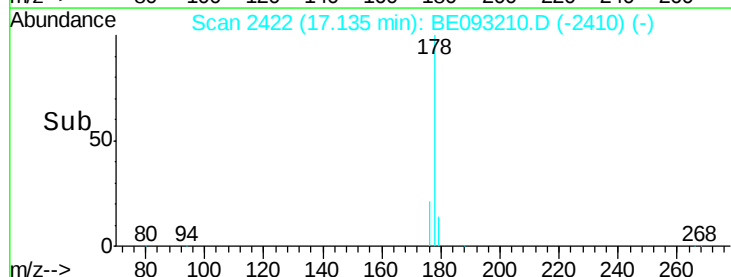
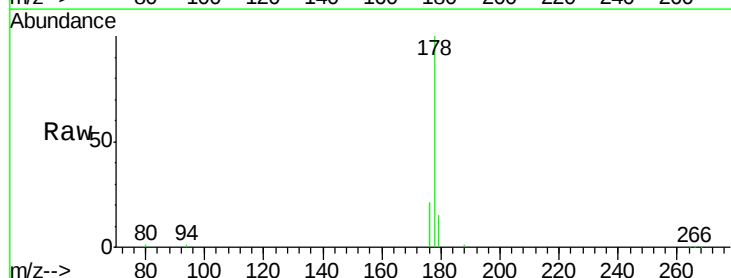
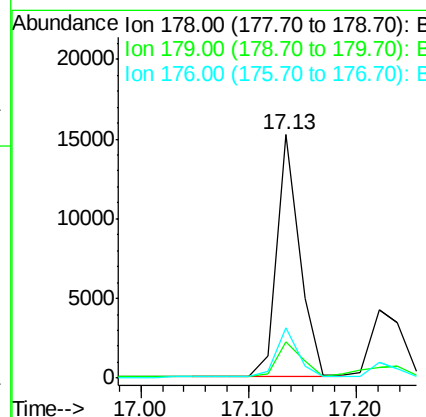
RT: 17.13 min Scan# 2422

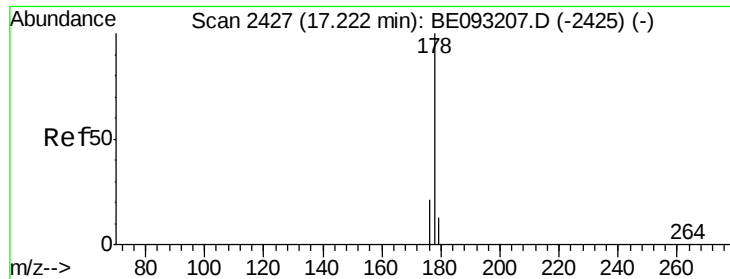
Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Tgt Ion:	178	Resp:	22540
Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.8	13.6	20.4#





#13

Anthracene

Concen: 0.146 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

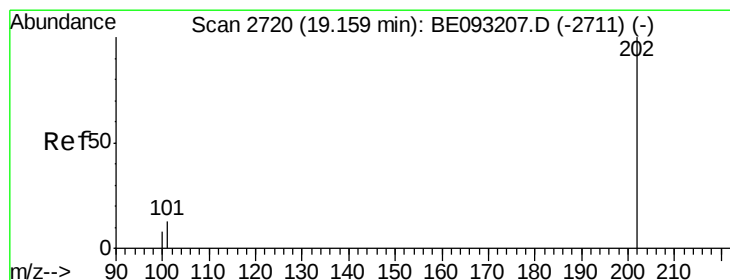
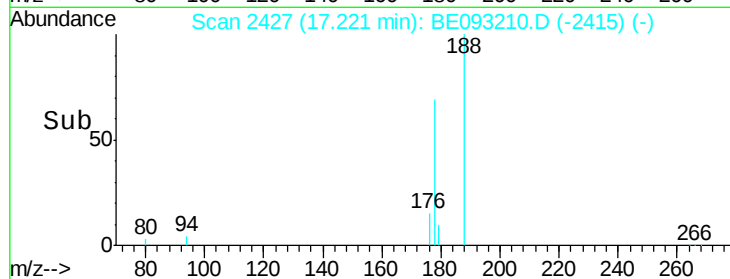
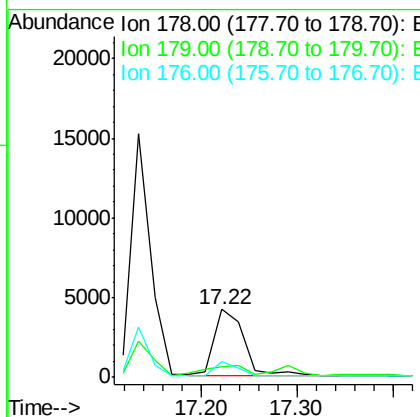
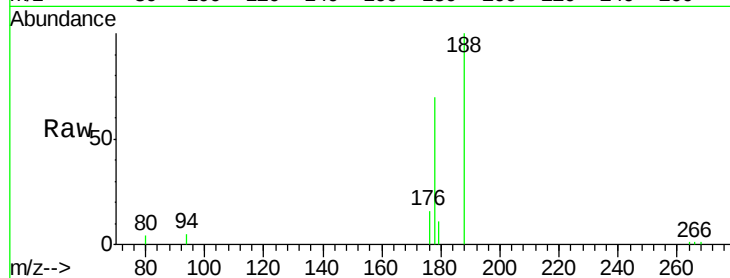
ClientSampleId :

F5C61DL

Tgt Ion:	178	Resp:	8868
Ion Ratio	Lower	Upper	
178	100		
179	16.1	18.1	27.1#
176	22.8	14.7	22.1#

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#15

Fluoranthene

Concen: 0.399 ng/ul

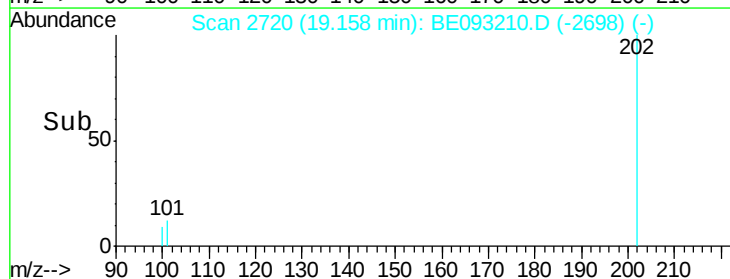
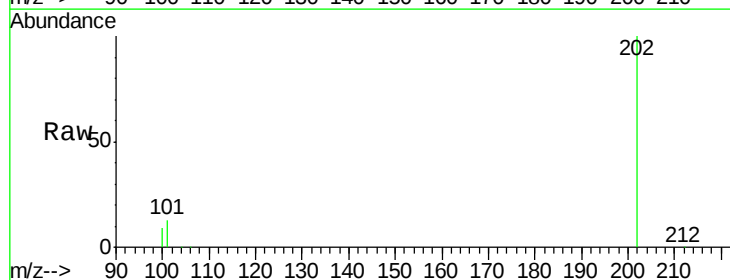
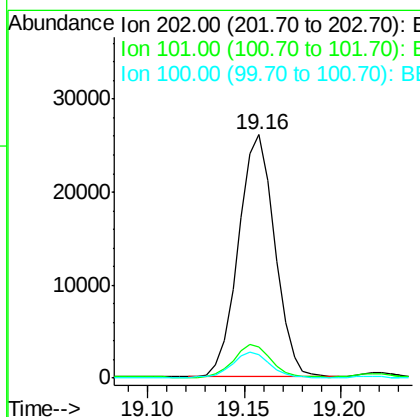
RT: 19.16 min Scan# 2720

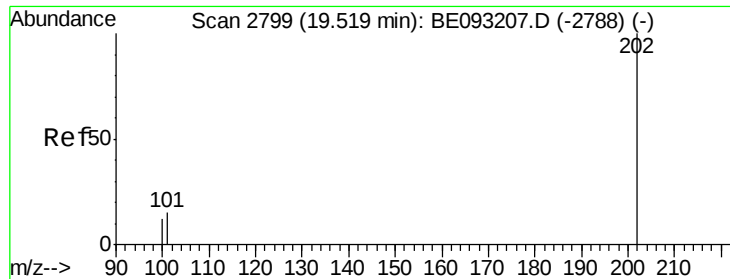
Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Tgt Ion:	202	Resp:	34164
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.3
100	9.5	0.0	39.5





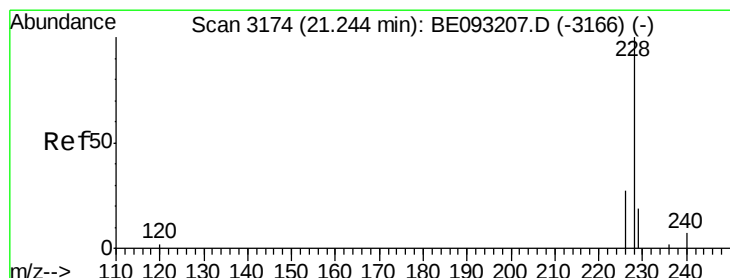
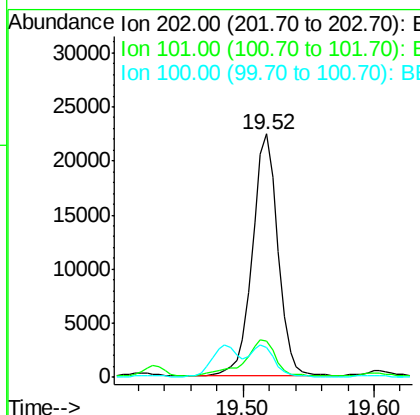
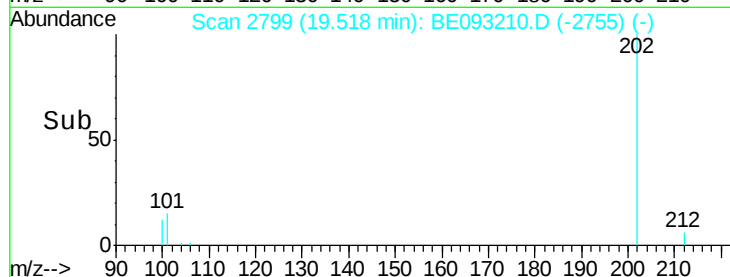
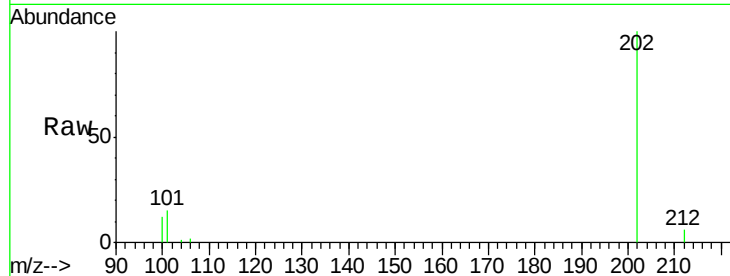
#17
Pyrene
Concen: 0.411 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BE093210.D
Acq: 15 Jun 2017 16:12

Instrument :
BNA_E
ClientSampleId :
F5C61DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	12.4	15.6	23.4#

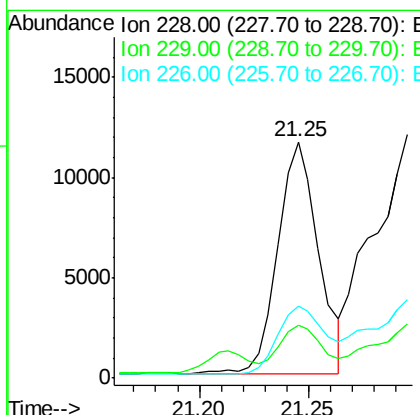
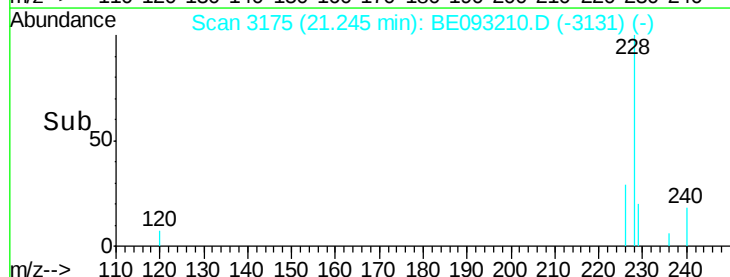
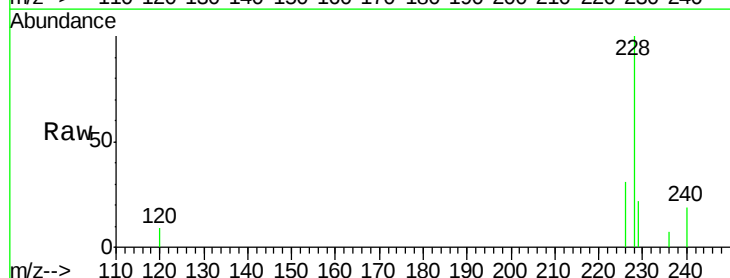
Manual Integrations
APPROVED

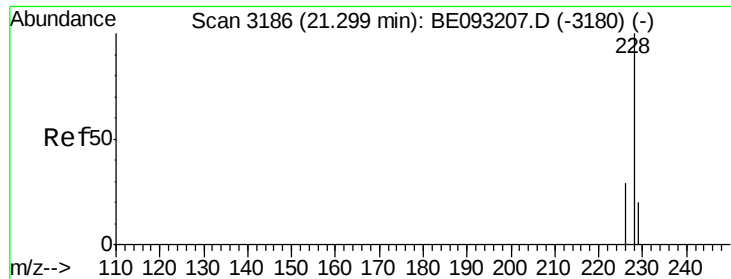
mohammad
6/19/2017 11:06:22 AM



#18
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE093210.D
Acq: 15 Jun 2017 16:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.5	22.8	34.2#
226	30.7	17.0	25.6#





#19

Chrysene

Concen: 0.325 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

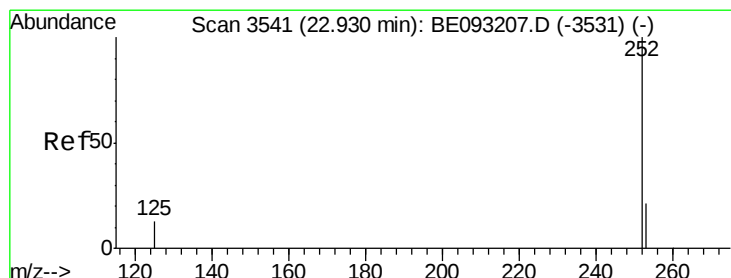
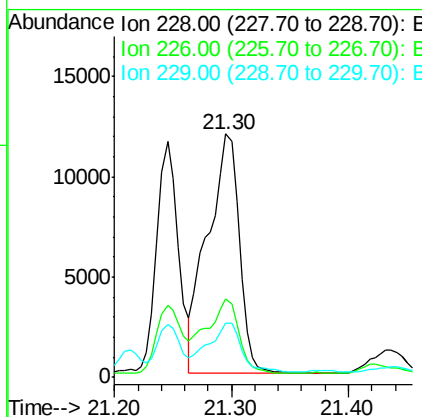
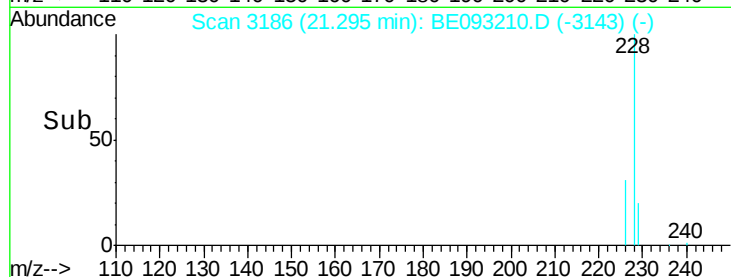
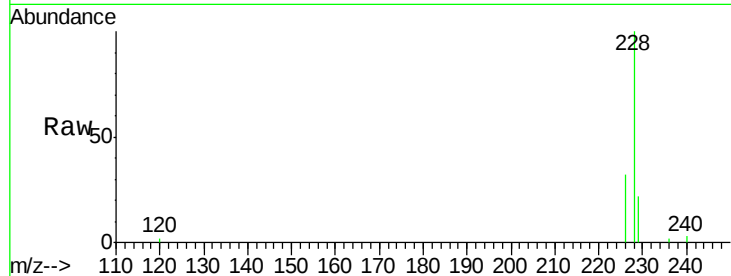
ClientSampleId :

F5C61DL

Tgt Ion:	228	Resp:	22400
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.4	35.0
229	22.3	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#21

Benzo(b)fluoranthene

Concen: 0.568 ng/ul m

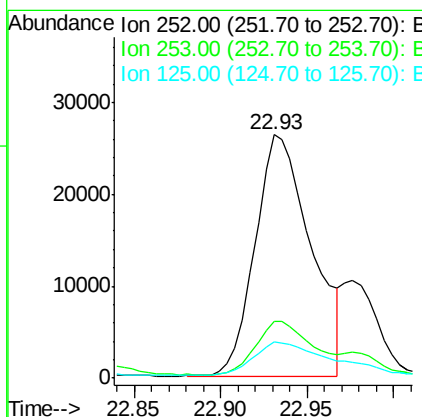
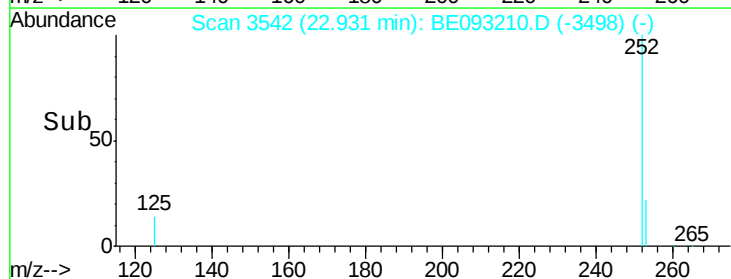
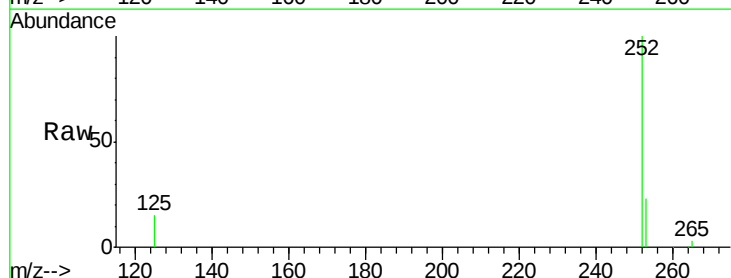
RT: 22.93 min Scan# 3542

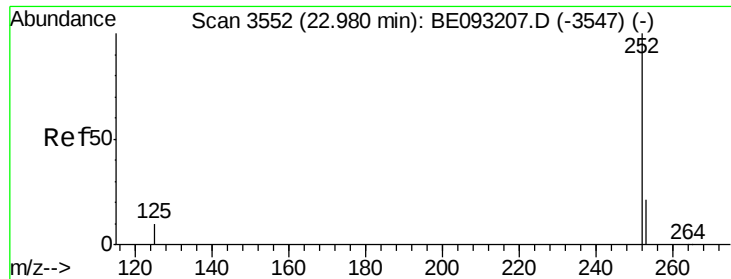
Delta R.T. 0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Tgt Ion:	252	Resp:	59585
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	15.0	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.137 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Instrument :

BNA_E

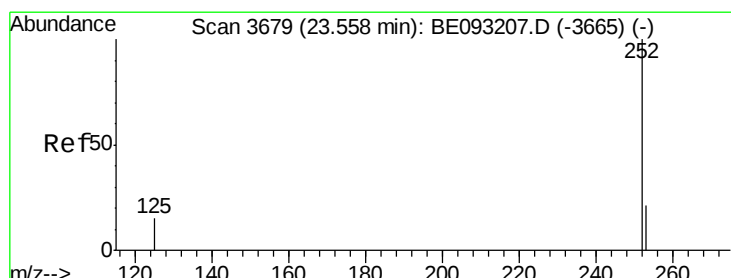
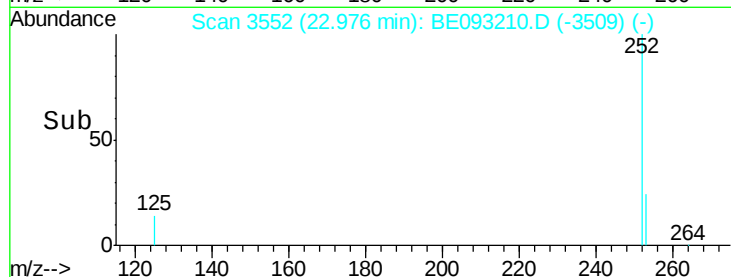
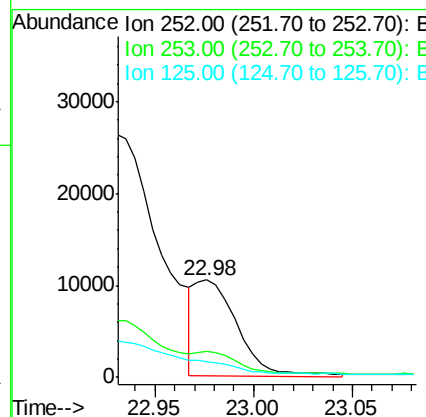
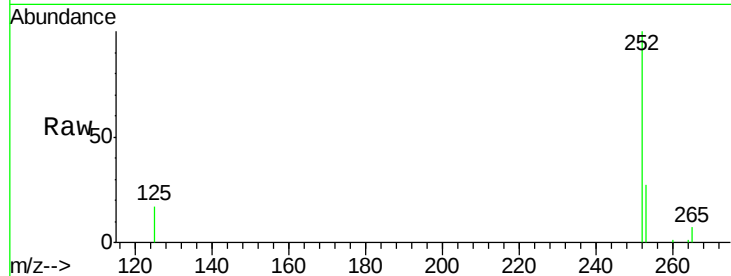
ClientSampleId :

F5C61DL

Tgt Ion:	252	Resp:	15307
Ion Ratio	Lower	Upper	
252	100		
253	26.7	24.5	36.7
125	16.8	13.7	20.5

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM



#23

Benzo(a)pyrene

Concen: 0.283 ng/ul

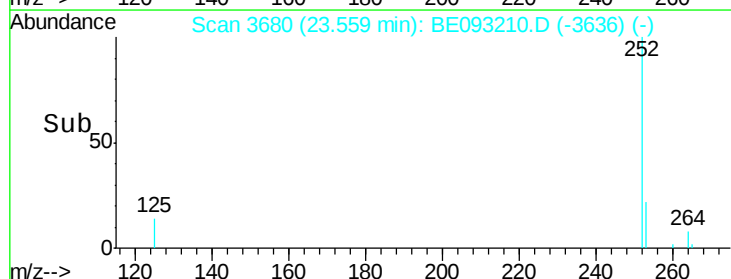
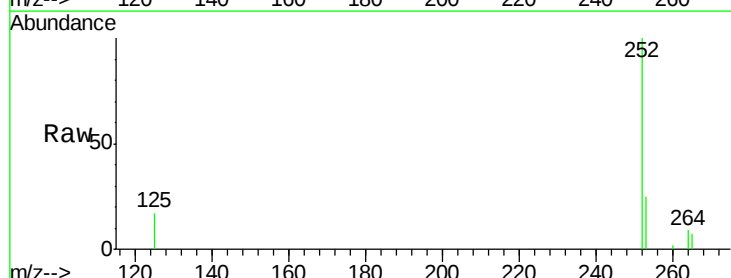
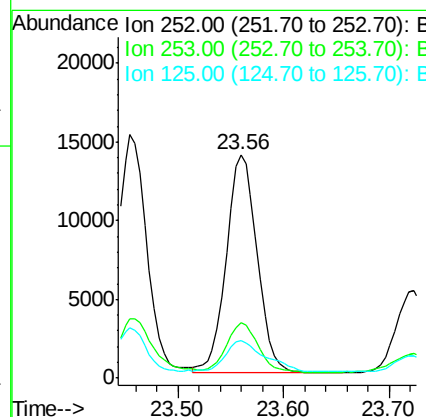
RT: 23.56 min Scan# 3680

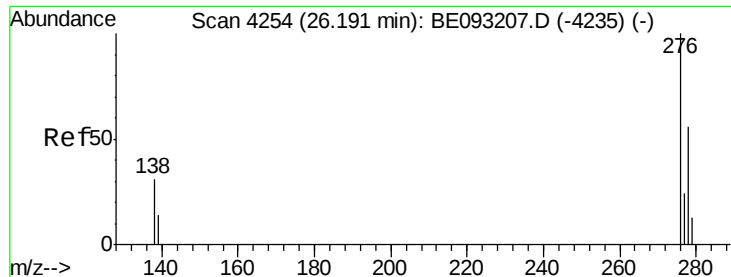
Delta R.T. 0.00 min

Lab File: BE093210.D

Acq: 15 Jun 2017 16:12

Tgt Ion:	252	Resp:	28084
Ion Ratio	Lower	Upper	
252	100		
253	24.6	28.5	42.7#
125	16.8	18.1	27.1#





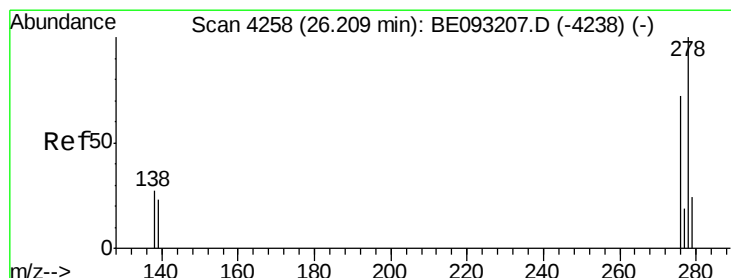
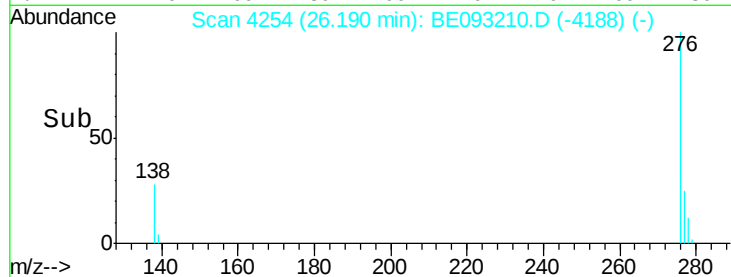
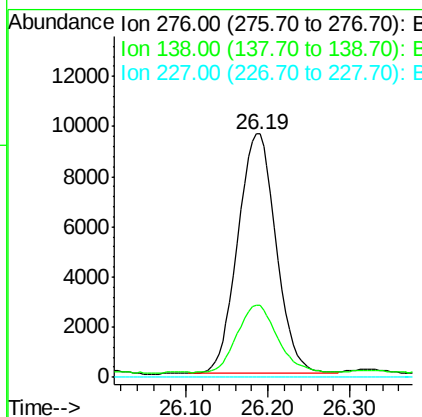
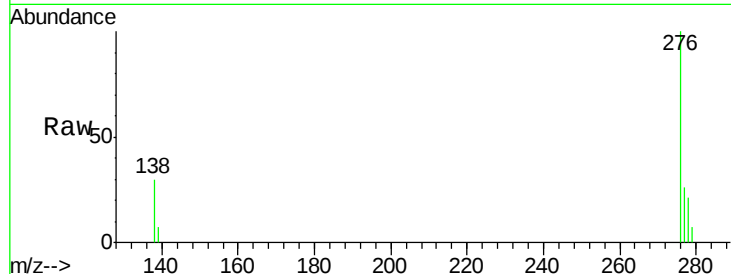
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng/u1
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.00 min
 Lab File: BE093210.D
 Acq: 15 Jun 2017 16:12

Instrument :
 BNA_E
 ClientSampleId :
 F5C61DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.9	28.0	42.0
227	0.0	8.0	12.0

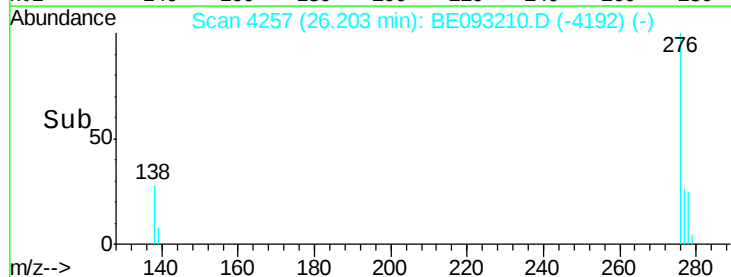
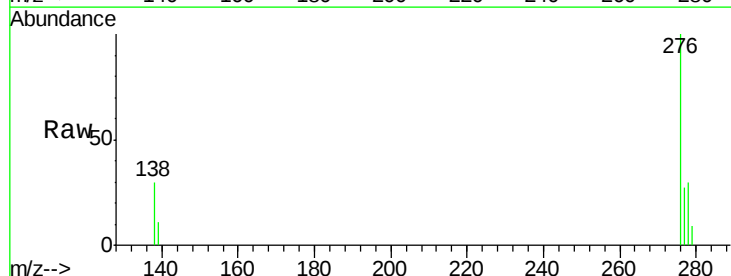
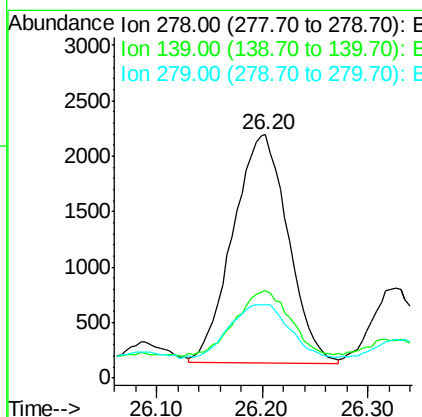
Manual Integrations
 APPROVED

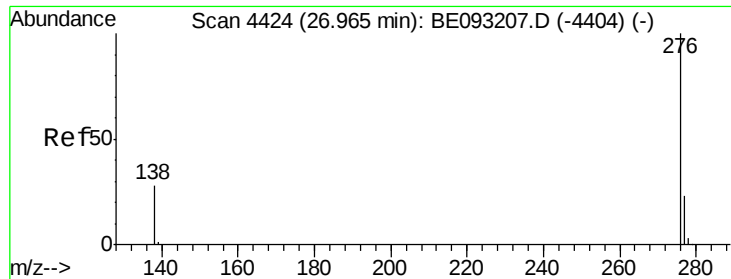
mohammad
 6/19/2017 11:06:22 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/u1
 RT: 26.20 min Scan# 4257
 Delta R.T. -0.01 min
 Lab File: BE093210.D
 Acq: 15 Jun 2017 16:12

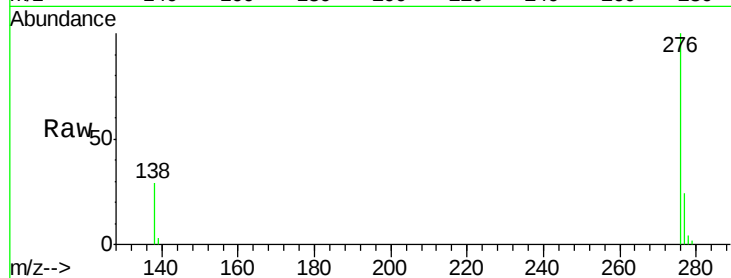
Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	35.9	17.4	26.0
279	30.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.286 ng/u1
RT: 26.96 min Scan# 4423
Delta R.T. -0.01 min
Lab File: BE093210.D
Acq: 15 Jun 2017 16:12

Instrument :
BNA_E
ClientSampleId :
F5C61DL



Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.3	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:22 AM

