

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093304.D
 Acq On : 21 Jun 2017 5:01
 Operator : SJ/JU
 Sample : I3599-03DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D37DL

Manual Integrations
 APPROVED

mohammad
 6/21/2017 12:19:29 PM

Quant Time: Jun 21 07:05:15 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	1878	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14716	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15986	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	13984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	535	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1533	0.04	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	14800	0.596	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2750	0.162	ng/ul	99
7) Acenaphthylene	14.09	152	33584	1.309	ng/ul	95
8) Acenaphthene	14.42	153	2917	0.141	ng/ul	96
9) Fluorene	15.42	166	3710	0.153	ng/ul	97
12) Phenanthrene	17.13	178	42805	1.057	ng/ul#	90
13) Anthracene	17.22	178	67671	1.920	ng/ul#	89
15) Fluoranthene	19.15	202	402573	8.107	ng/ul	83
17) Pyrene	19.51	202	519215	11.014	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	257157	6.031	ng/ul#	85
19) Chrysene	21.30	228	341196	7.714	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	589662m	13.895	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	206542m	4.583	ng/ul	
23) Benzo(a)pyrene	23.55	252	265990	6.629	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	173181	3.727	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	51520	1.317	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	105172	2.640	ng/ul	96

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

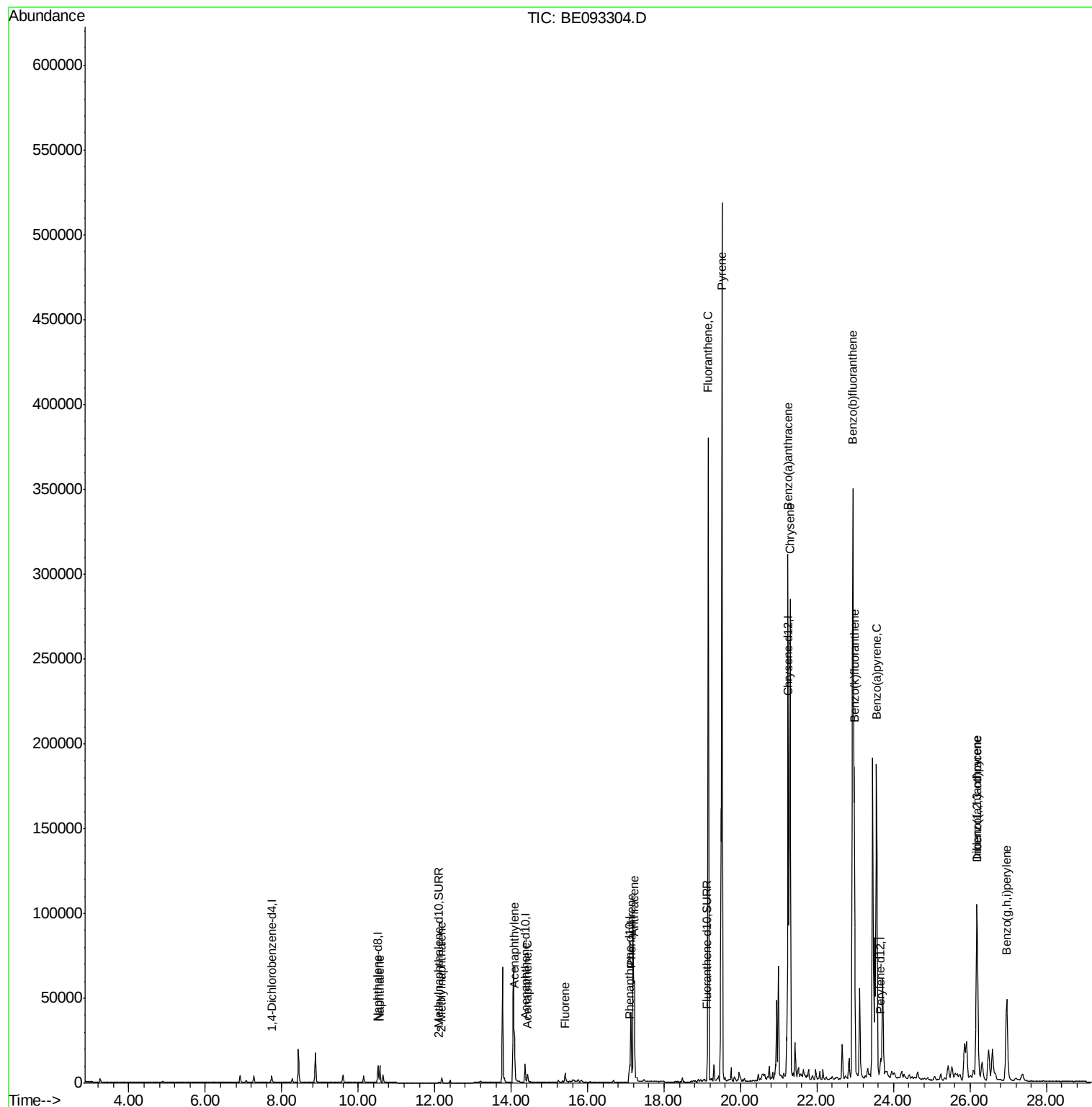
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
Data File : BE093304.D
Acq On : 21 Jun 2017 5:01
Operator : SJ/JU
Sample : I3599-03DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

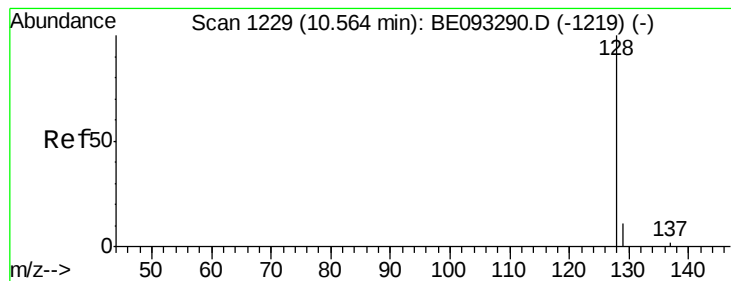
Instrument :
BNA_E
ClientSampleId :
F5D37DL

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM

Quant Time: Jun 21 07:05:15 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: 0.596 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

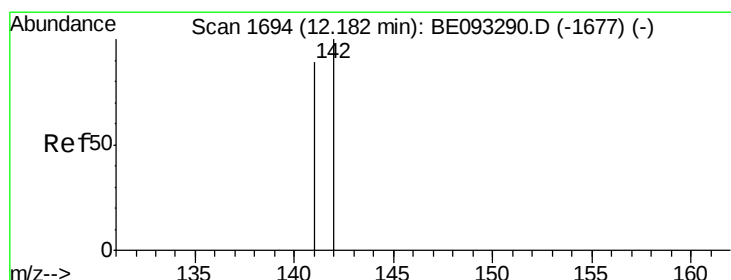
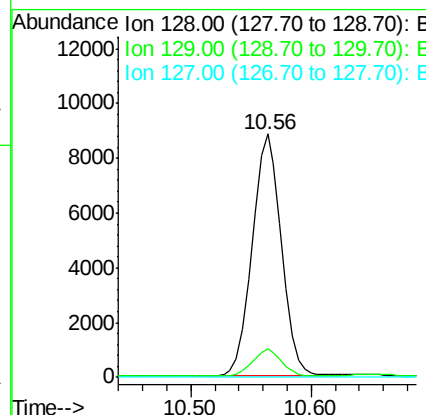
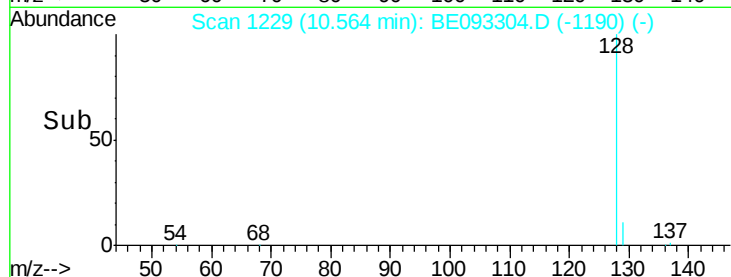
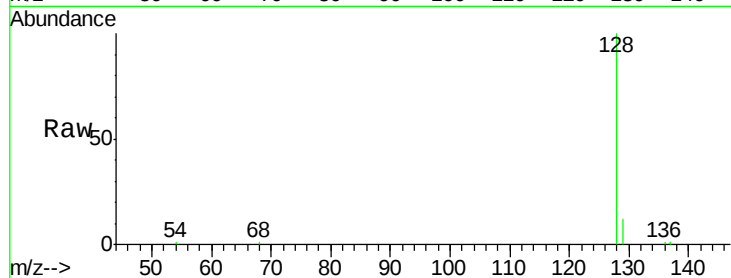
ClientSampleId :

F5D37DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#5

2-Methylnaphthalene

Concen: 0.162 ng/ul

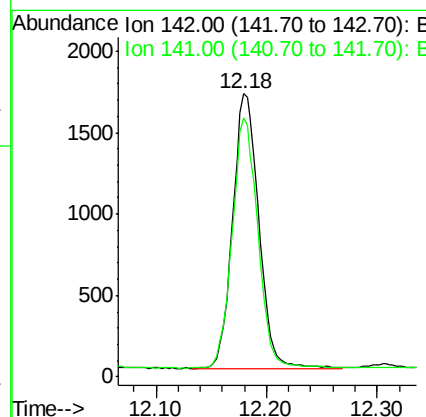
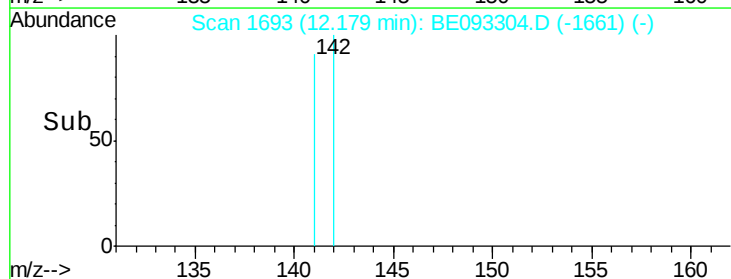
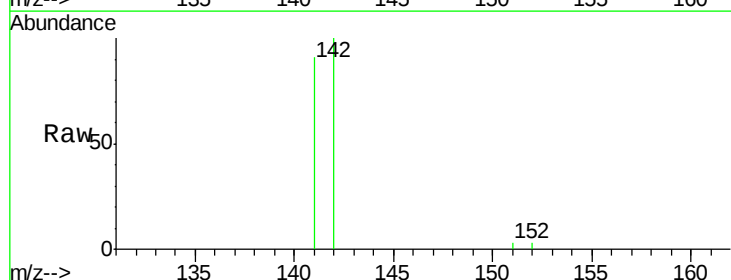
RT: 12.18 min Scan# 1693

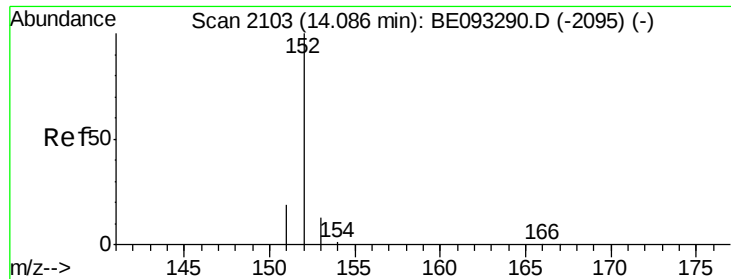
Delta R.T. -0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8





#7

Acenaphthylene

Concen: 1.309 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

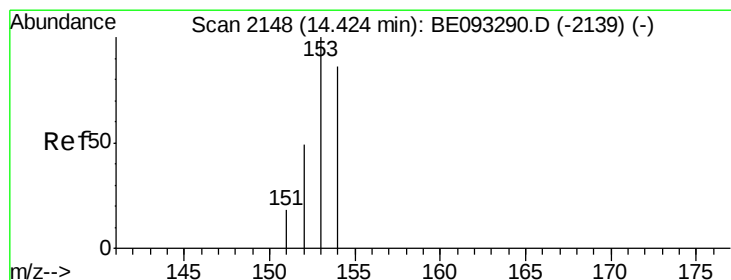
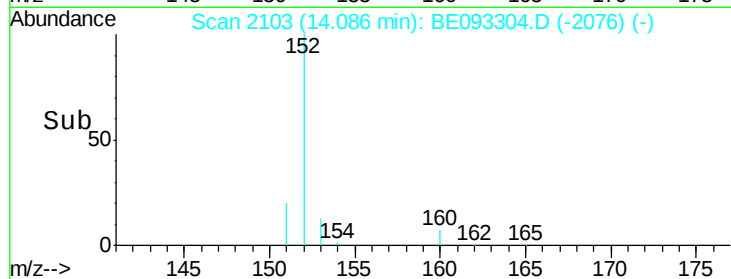
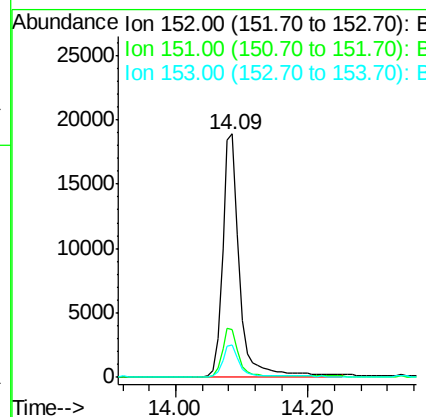
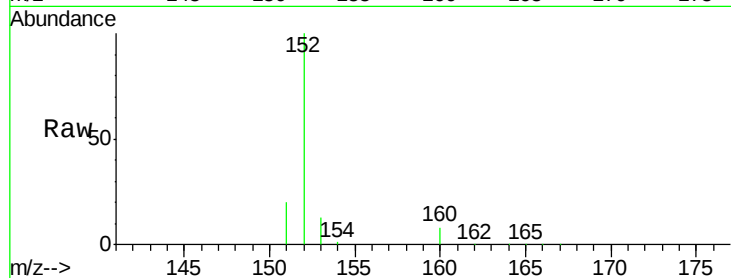
ClientSampleId :

F5D37DL

Tgt Ion:	152	Resp:	33584
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.1	25.7
153	13.4	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#8

Acenaphthene

Concen: 0.141 ng/ul

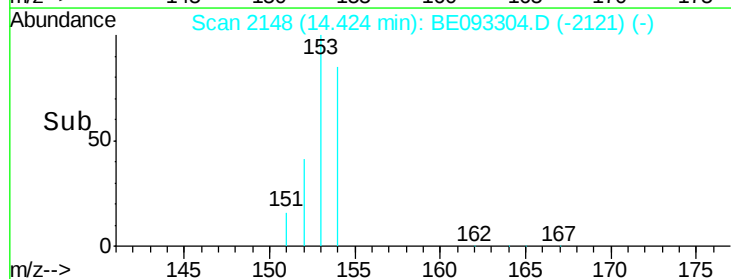
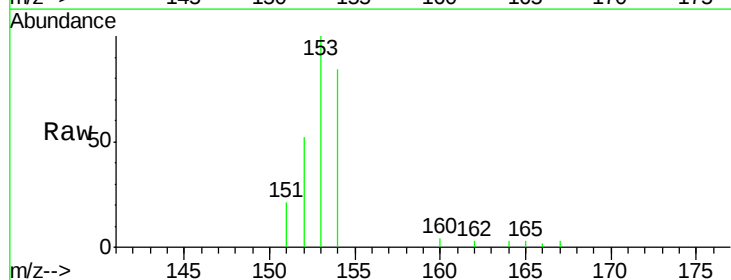
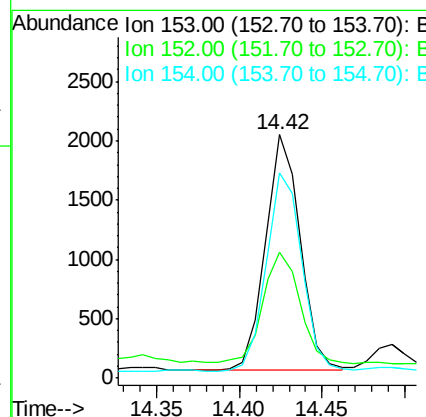
RT: 14.42 min Scan# 2148

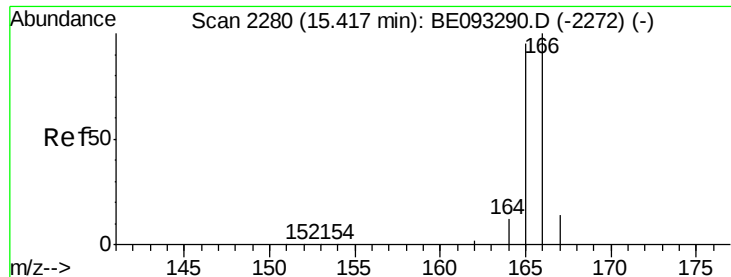
Delta R.T. -0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion:	153	Resp:	2917
Ion Ratio	Lower	Upper	
153	100		
152	51.7	40.3	60.5
154	84.5	71.4	107.2





#9

Fluorene

Concen: 0.153 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

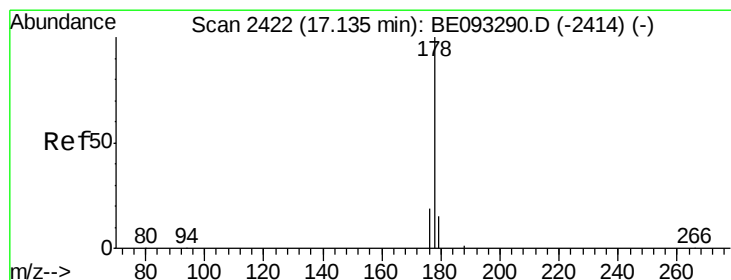
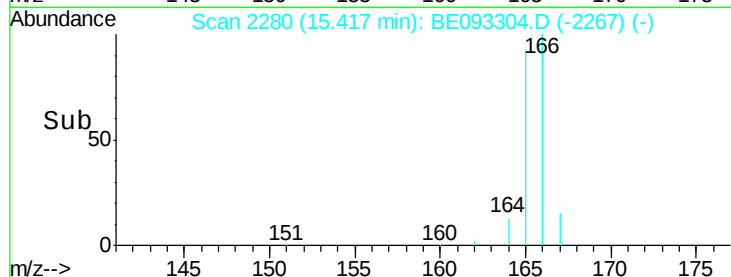
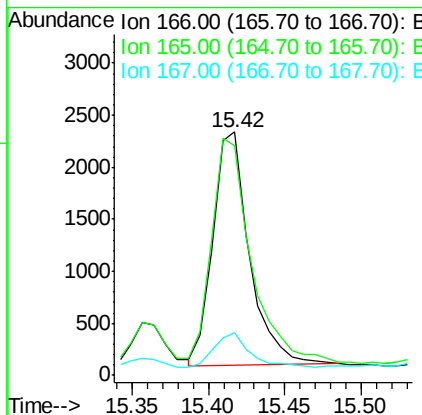
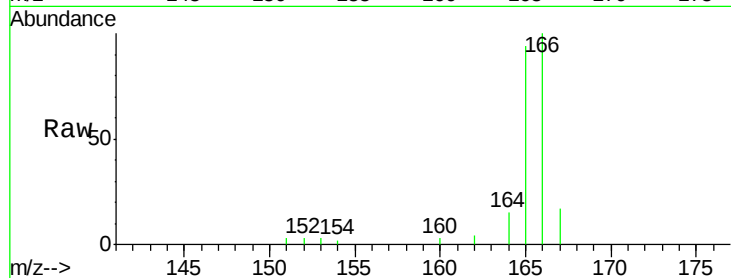
ClientSampleId :

F5D37DL

Tgt Ion:	166	Resp:	3710
Ion Ratio	Lower	Upper	
166	100		
165	94.2	73.4	110.2
167	17.3	14.6	22.0

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#12

Phenanthrene

Concen: 1.057 ng/ul

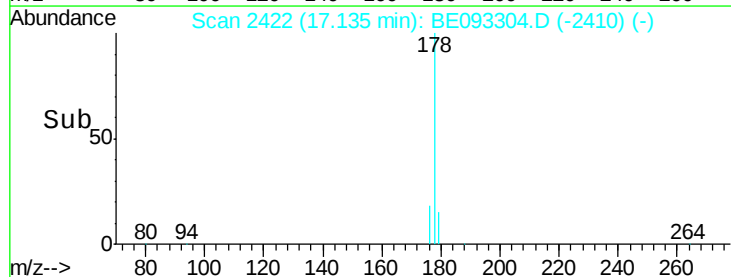
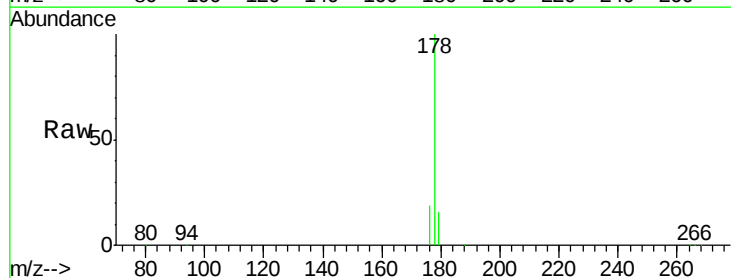
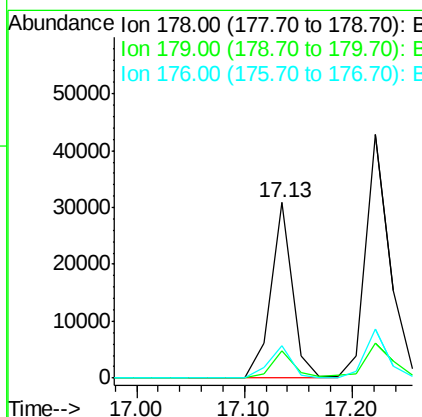
RT: 17.13 min Scan# 2422

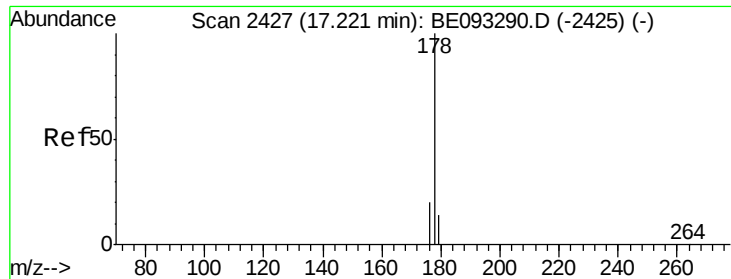
Delta R.T. -0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion:	178	Resp:	42805
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	18.6	13.6	20.4





#13

Anthracene

Concen: 1.920 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

ClientSampleId :

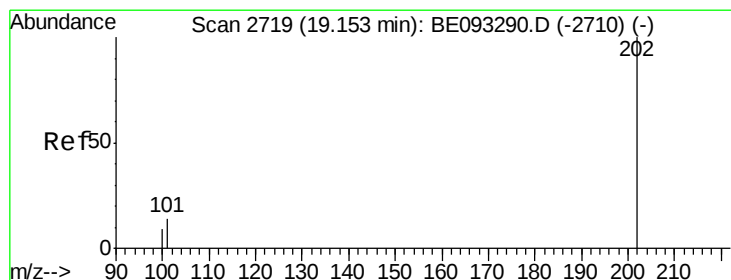
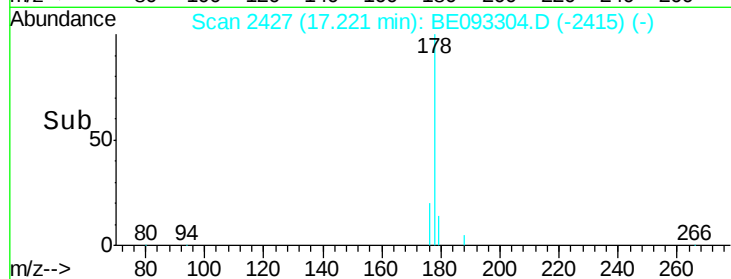
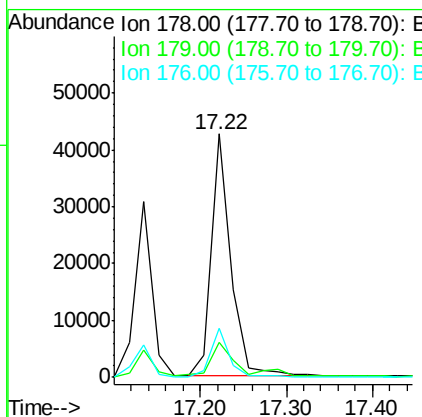
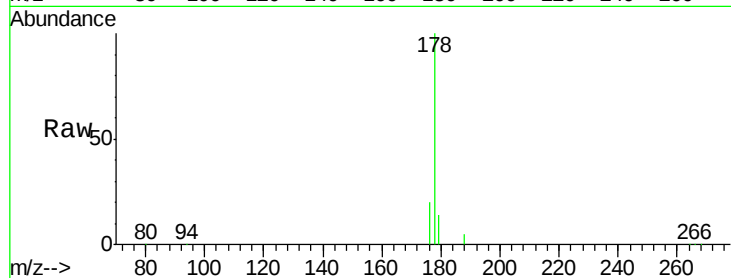
F5D37DL

Tgt Ion:178 Resp: 67671

Ion	Ratio	Lower	Upper
178	100		
179	14.4	18.1	27.1#
176	20.0	14.7	22.1

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#15

Fluoranthene

Concen: 8.107 ng/ul

RT: 19.15 min Scan# 2719

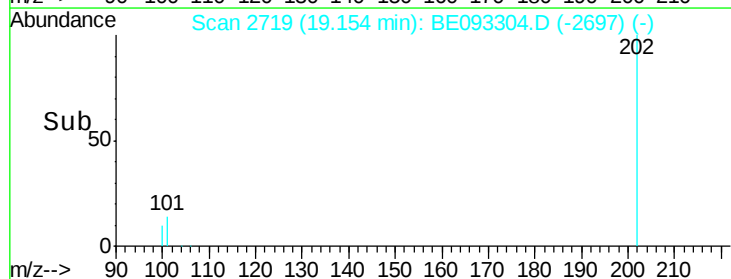
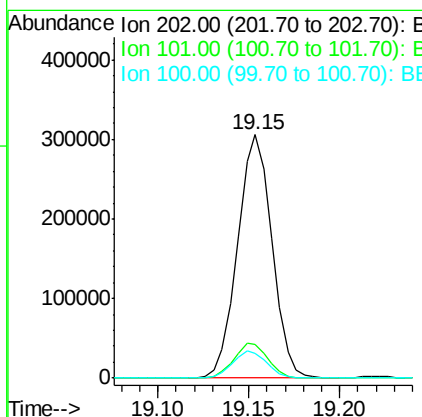
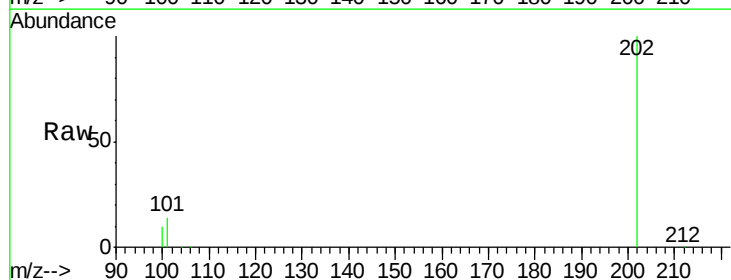
Delta R.T. 0.00 min

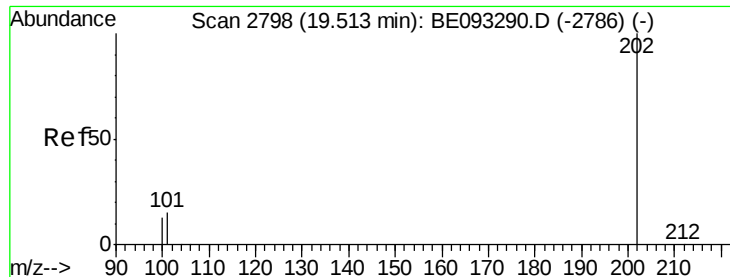
Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion:202 Resp: 402573

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	10.3	0.0	39.5





#17

Pyrene

Concen: 11.014 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

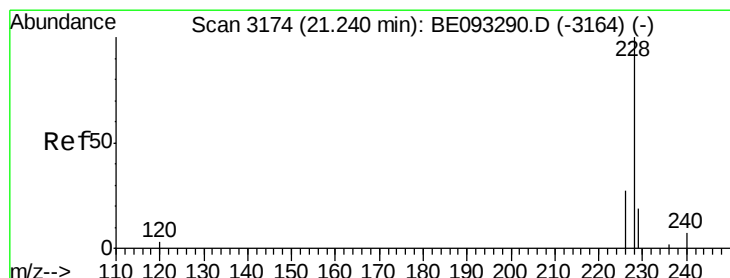
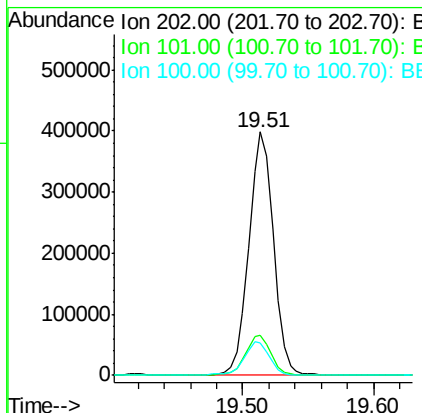
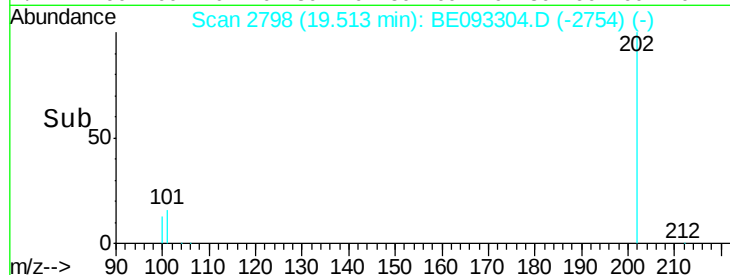
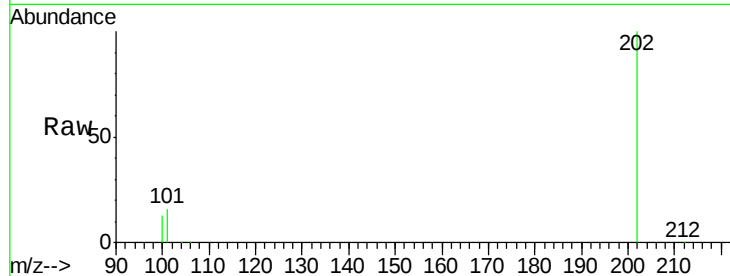
ClientSampleId :

F5D37DL

Tgt Ion:	202	Resp:	519215
Ion Ratio	Lower	Upper	
202	100		
101	16.4	18.2	27.4#
100	13.4	15.6	23.4#

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#18

Benzo(a)anthracene

Concen: 6.031 ng/ul

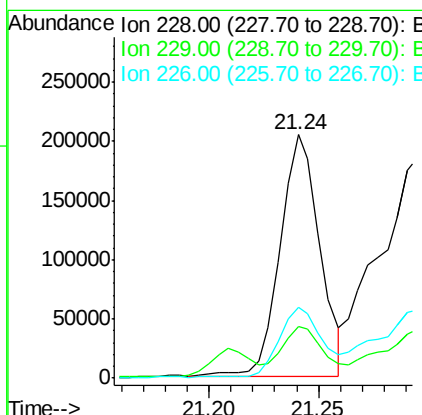
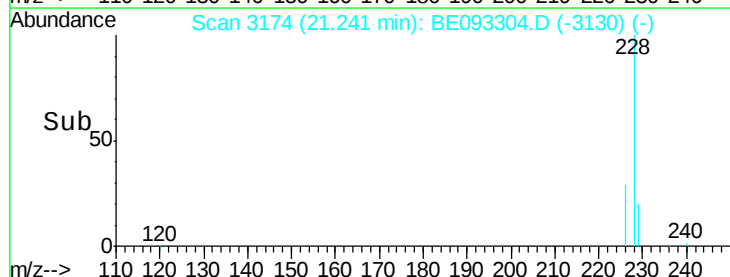
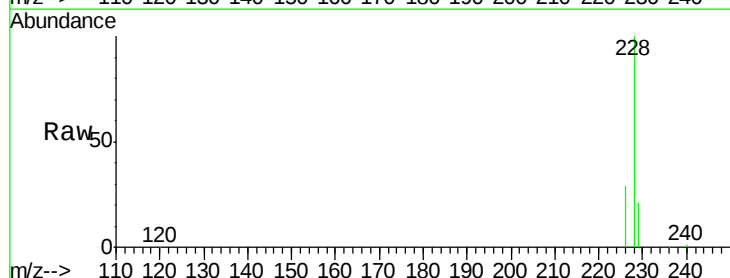
RT: 21.24 min Scan# 3174

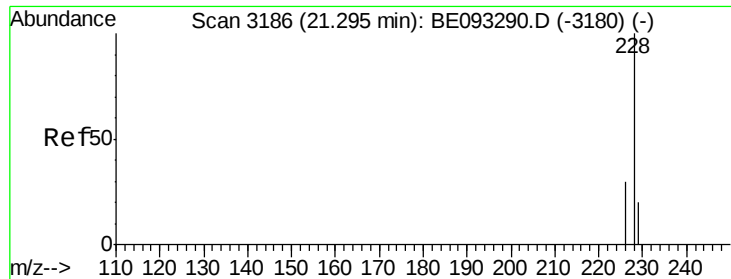
Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion:	228	Resp:	257157
Ion Ratio	Lower	Upper	
228	100		
229	21.1	22.8	34.2#
226	29.3	17.0	25.6#





#19

Chrysene

Concen: 7.714 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

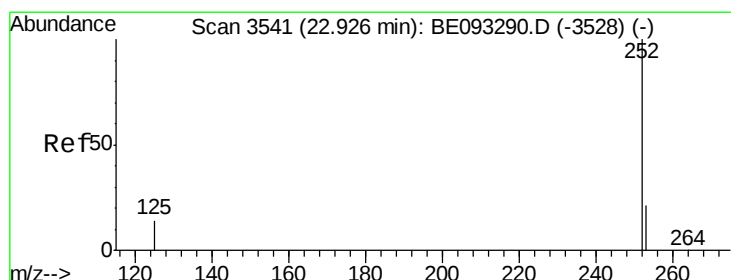
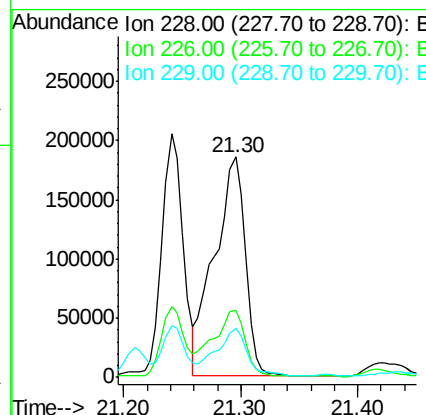
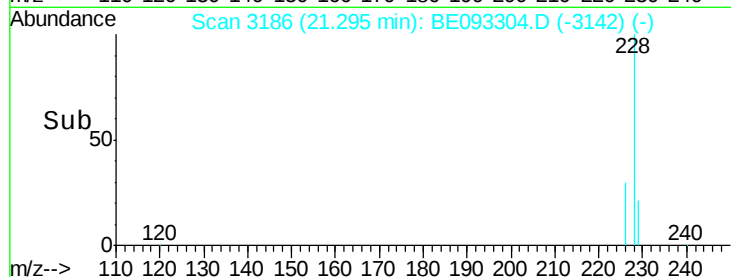
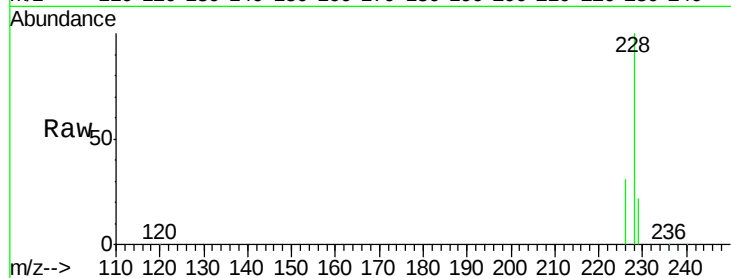
ClientSampleId :

F5D37DL

Tgt Ion:	228	Resp:	341196
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.0
229	22.1	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#21

Benzo(b)fluoranthene

Concen: 13.895 ng/ul m

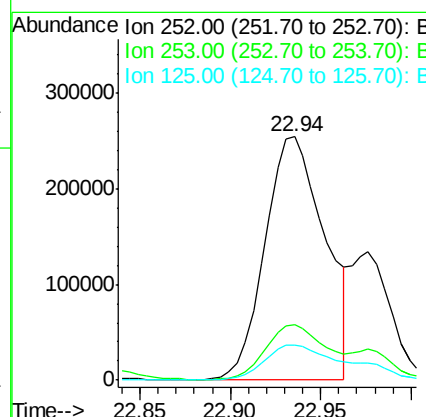
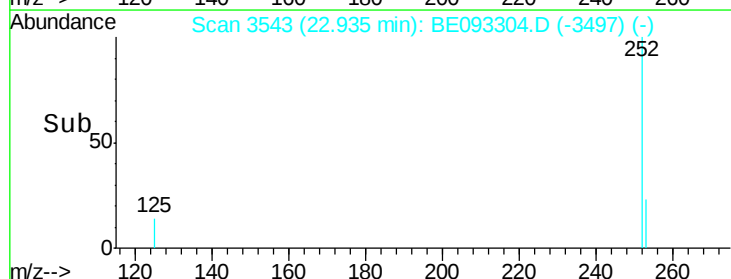
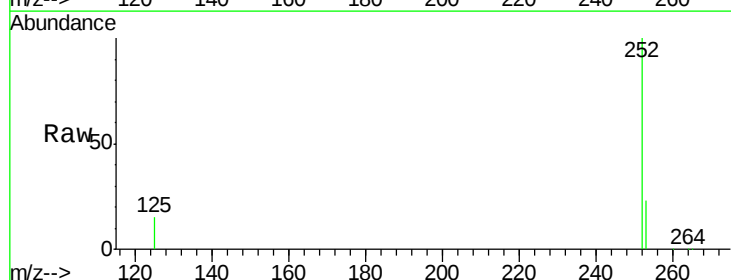
RT: 22.94 min Scan# 3543

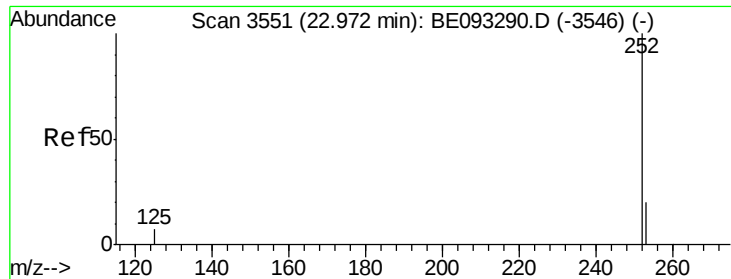
Delta R.T. 0.01 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion:	252	Resp:	589662
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	14.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 4.583 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

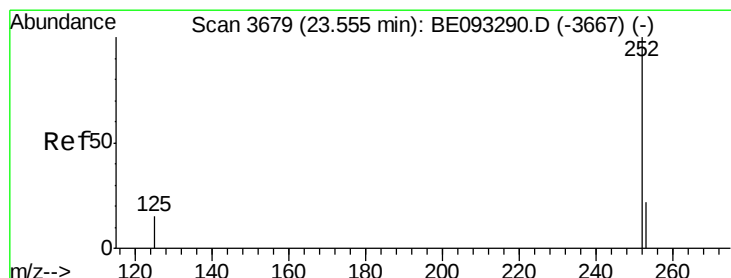
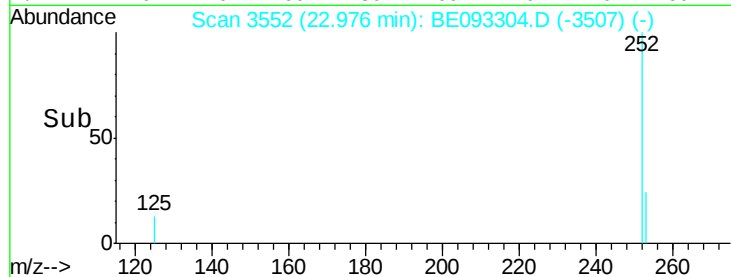
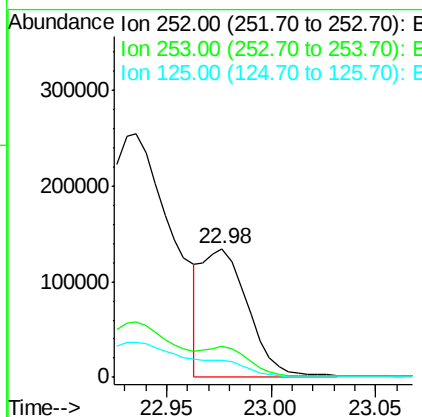
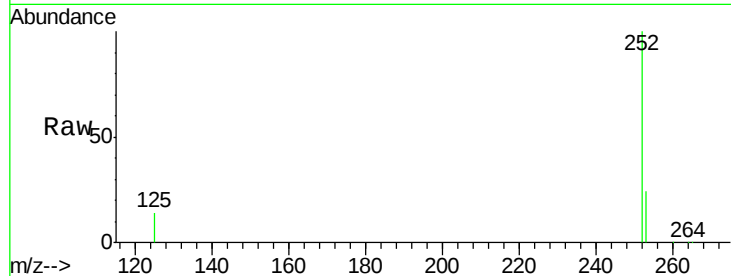
ClientSampleId :

F5D37DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	13.7	13.7	20.5

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM



#23

Benzo(a)pyrene

Concen: 6.629 ng/ul

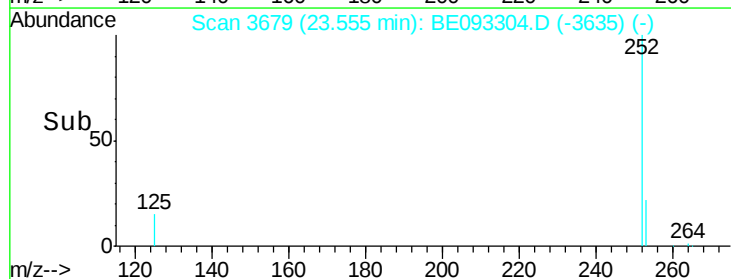
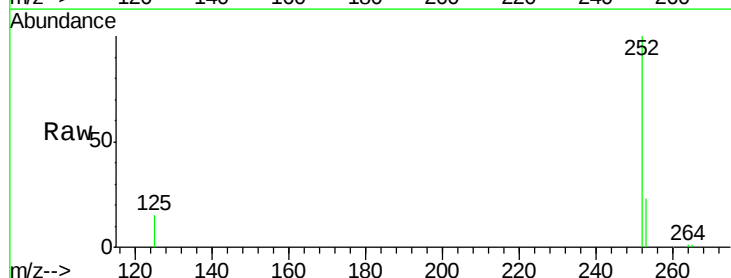
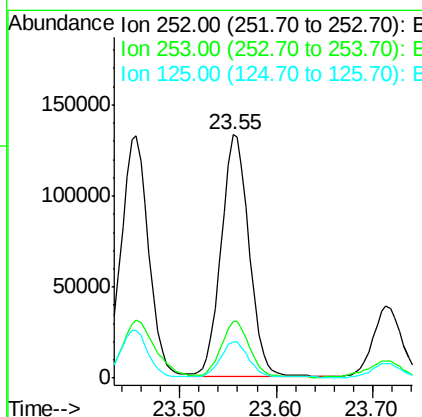
RT: 23.55 min Scan# 3679

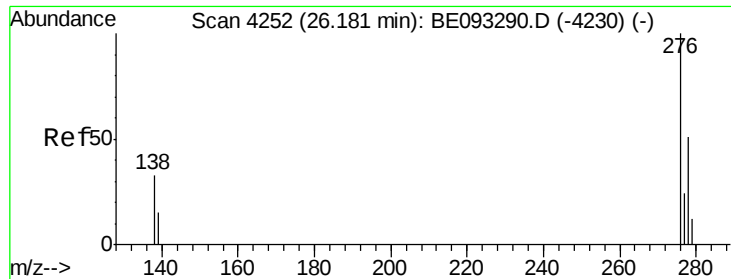
Delta R.T. -0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	15.1	18.1	27.1#





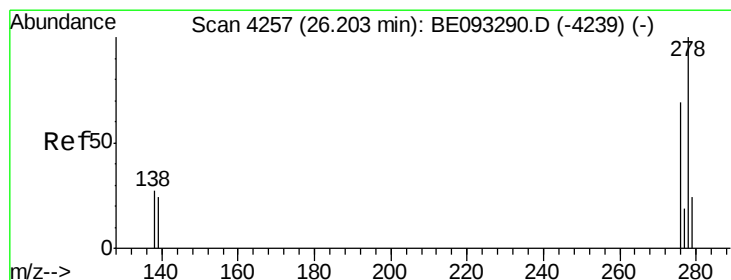
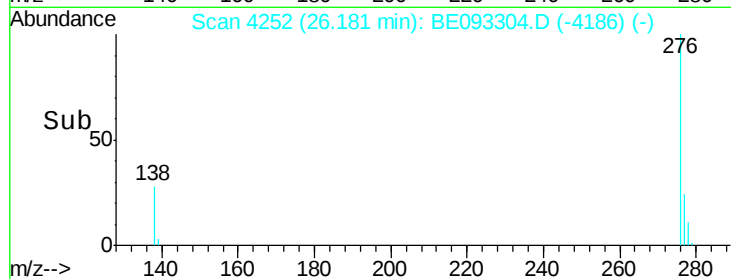
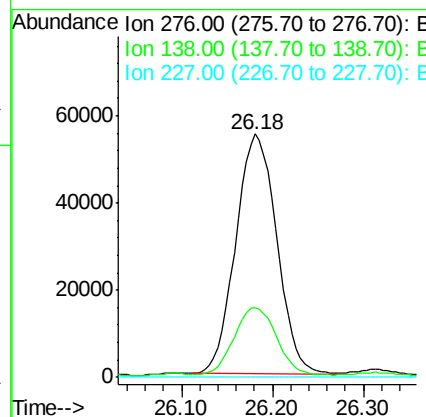
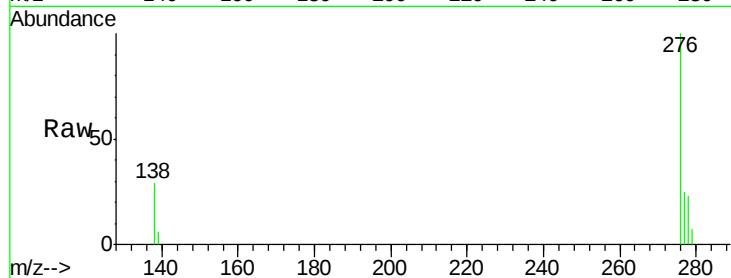
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.727 ng/u1
 RT: 26.18 min Scan# 4252
 Delta R.T. -0.00 min
 Lab File: BE093304.D
 Acq: 21 Jun 2017 5:01

Instrument :
 BNA_E
 ClientSampleId :
 F5D37DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.7	28.0	42.0
227	0.0	8.0	12.0

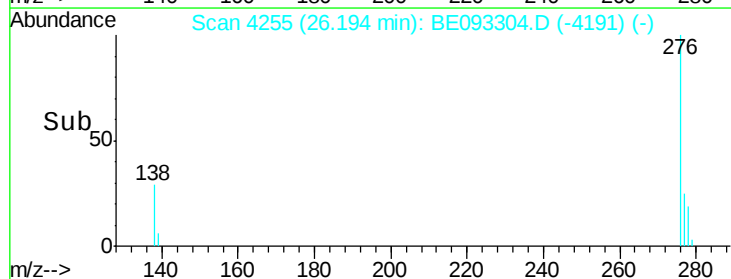
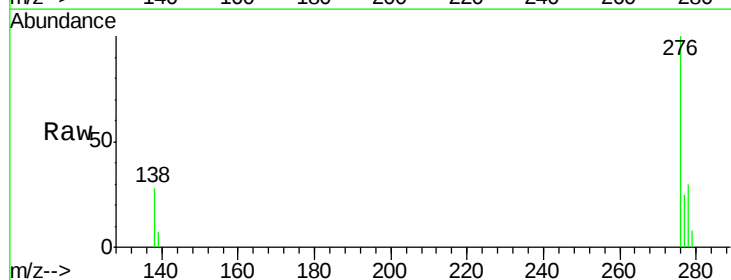
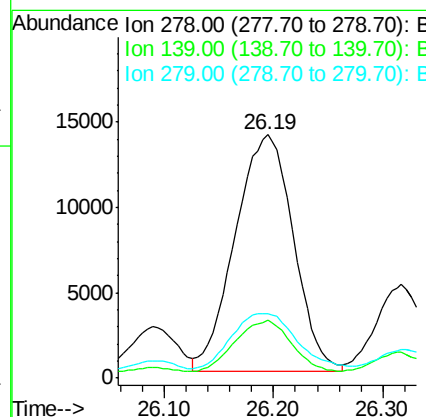
Manual Integrations
 APPROVED

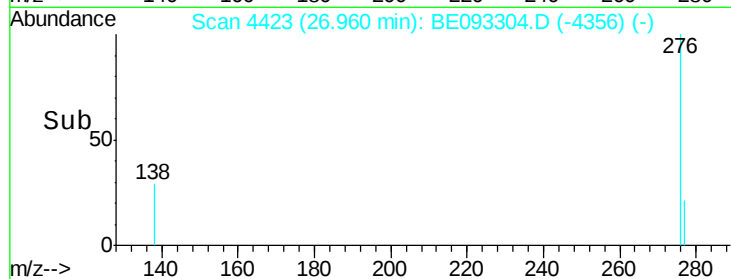
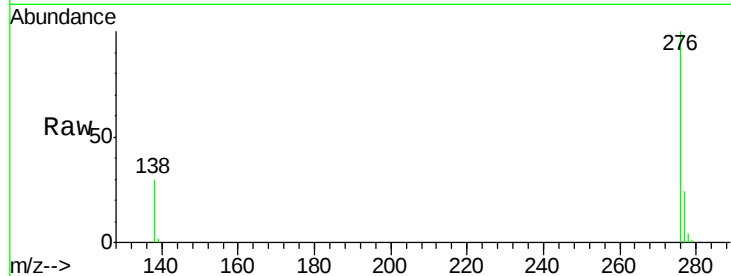
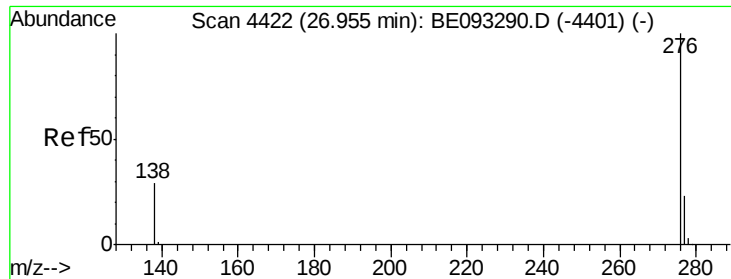
mohammad
 6/21/2017 12:19:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.317 ng/u1
 RT: 26.19 min Scan# 4255
 Delta R.T. -0.01 min
 Lab File: BE093304.D
 Acq: 21 Jun 2017 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.8	17.4	26.0
279	26.6	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 2.640 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.00 min

Lab File: BE093304.D

Acq: 21 Jun 2017 5:01

Instrument :

BNA_E

ClientSampleId :

F5D37DL

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	29.8	21.8	32.8	
277	24.2	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:29 PM

