

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093168.D
 Acq On : 14 Jun 2017 14:11
 Operator : SJ/MA
 Sample : I3558-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D39

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:52:58 PM

Quant Time: Jun 15 03:18:09 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 02:27:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3409	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17271	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11168	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25777m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	25666	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	20629m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9568	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	25900	0.37	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.57	128	16661	0.389	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	6281	0.214	ng/ul	98
7) Acenaphthylene	14.09	152	1102	0.023	ng/ul#	86
8) Acenaphthene	14.43	153	9787	0.253	ng/ul	97
9) Fluorene	15.42	166	14337	0.316	ng/ul#	91
12) Phenanthrene	17.14	178	70433	0.993	ng/ul#	87
13) Anthracene	17.22	178	13282	0.215	ng/ul#	90
15) Fluoranthene	19.15	202	44683	0.514	ng/ul	83
17) Pyrene	19.51	202	37038	0.489	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	9078	0.133	ng/ul#	86
19) Chrysene	21.30	228	7395	0.104	ng/ul	94

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

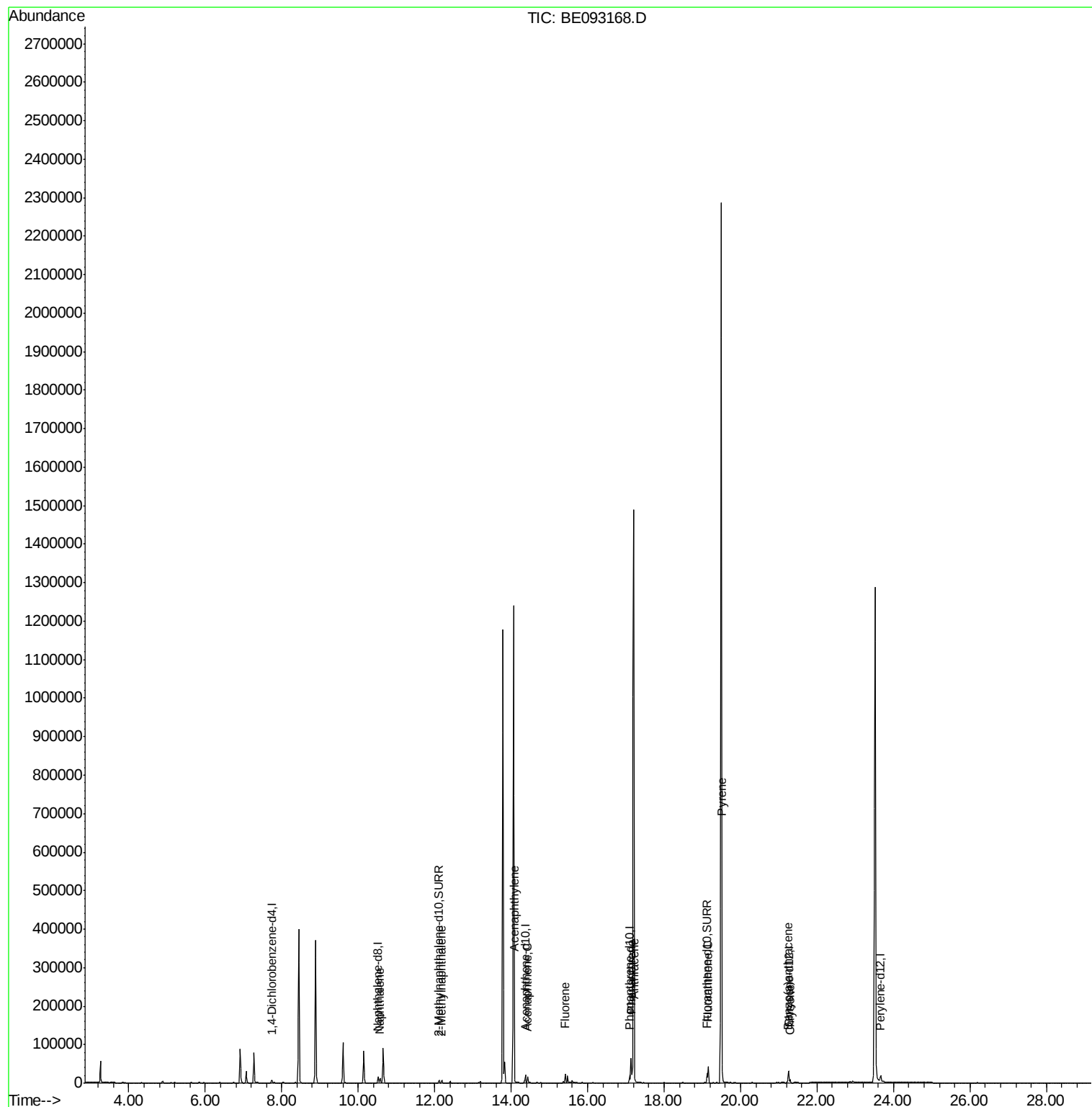
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093168.D
Acq On : 14 Jun 2017 14:11
Operator : SJ/MA
Sample : I3558-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

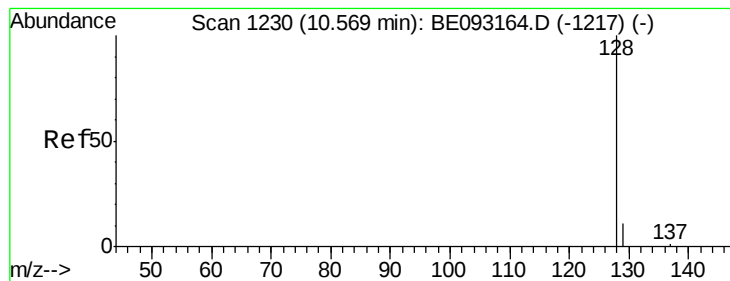
Instrument :
BNA_E
ClientSampleId :
F5D39

Manual Integrations
APPROVED

mohammad
6/15/2017 3:52:58 PM

Quant Time: Jun 15 03:18:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 02:27:21 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Instrument :

BNA_E

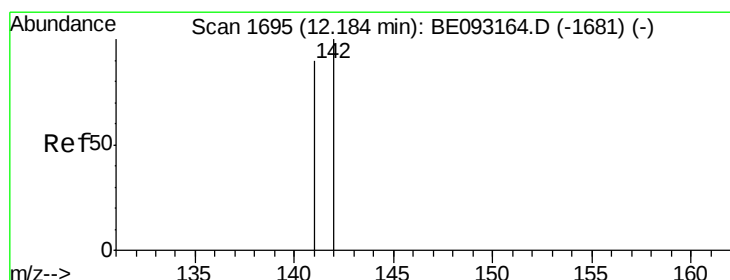
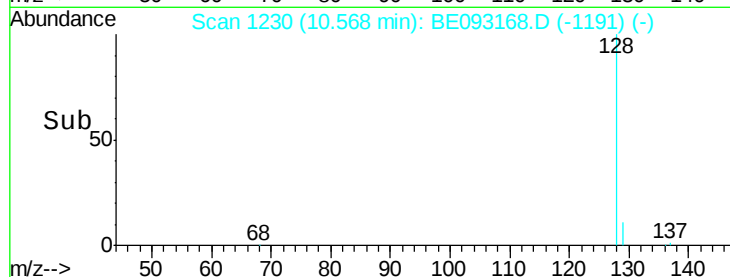
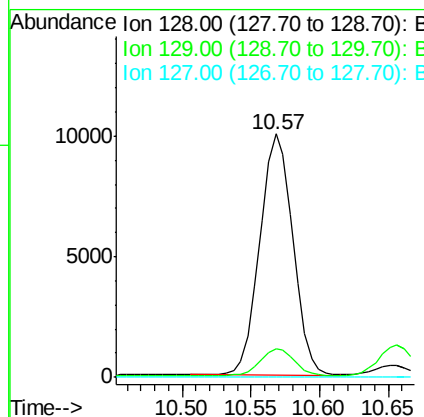
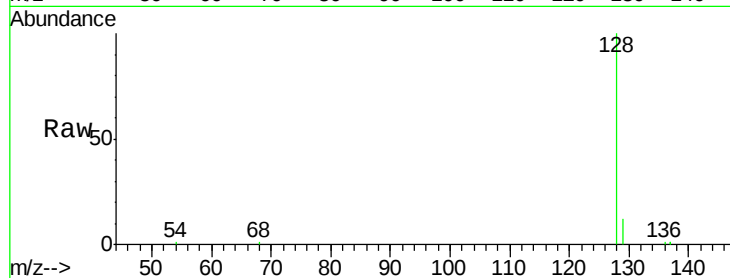
ClientSampleId :

F5D39

Tgt Ion:	128	Resp:	16661
Ion Ratio	Lower	Upper	
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0#

Manual Integrations
APPROVED

mohammad
6/15/2017 3:52:58 PM



#5

2-Methylnaphthalene

Concen: 0.214 ng/ul

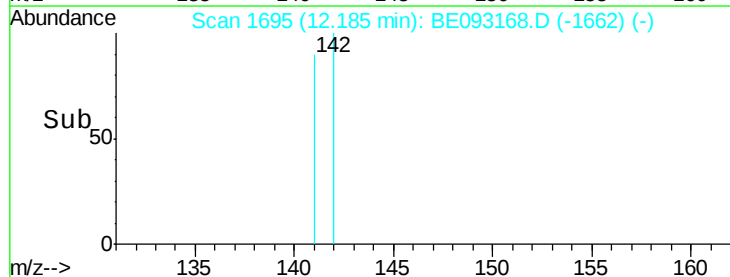
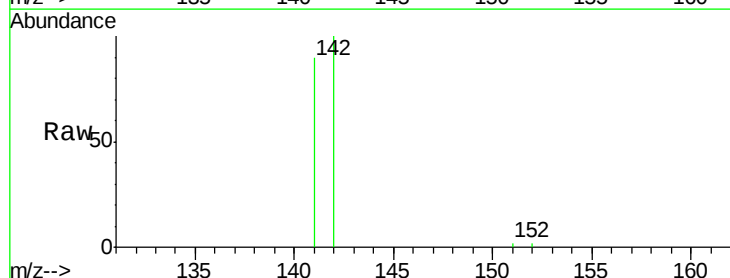
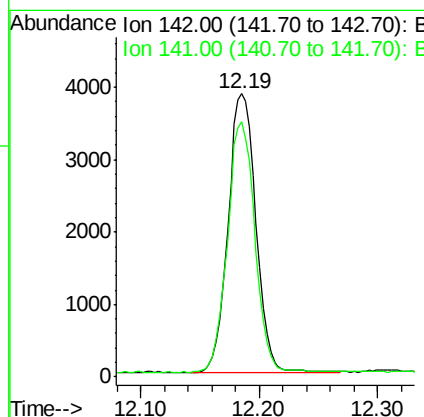
RT: 12.19 min Scan# 1695

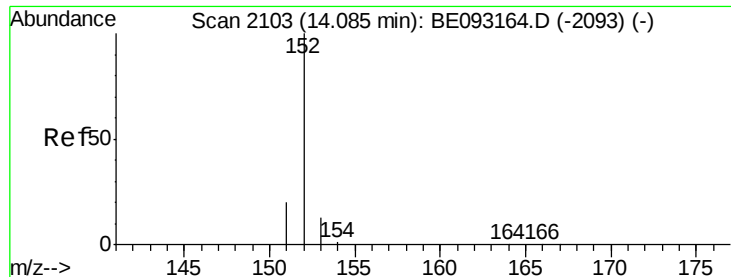
Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Tgt Ion:	142	Resp:	6281
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Instrument :

BNA_E

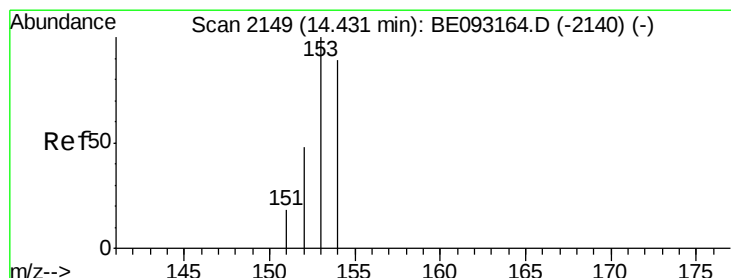
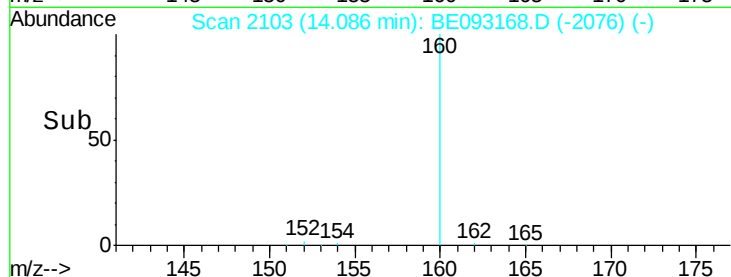
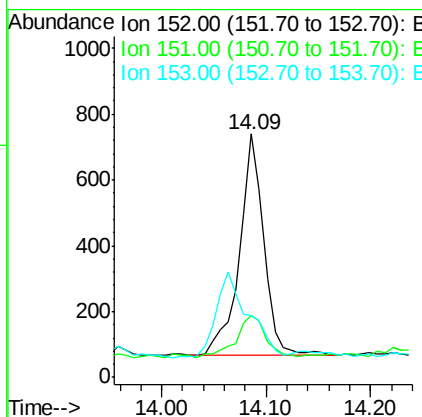
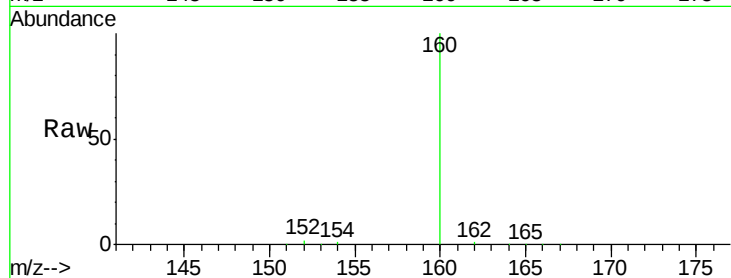
ClientSampleId :

F5D39

Tgt Ion:	152	Resp:	1102
Ion Ratio	Lower	Upper	
152	100		
151	25.4	17.1	25.7
153	25.5	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/15/2017 3:52:58 PM



#8

Acenaphthene

Concen: 0.253 ng/ul

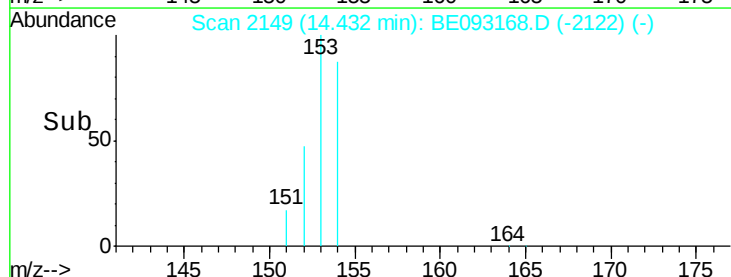
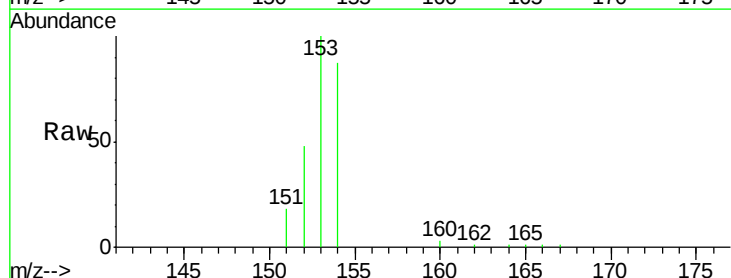
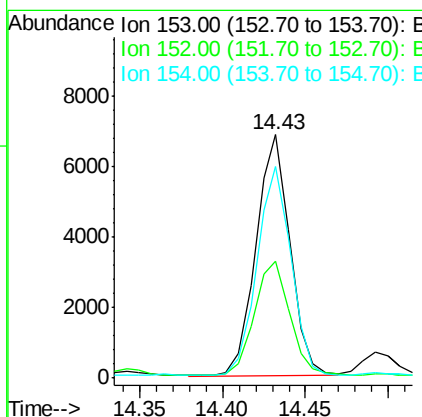
RT: 14.43 min Scan# 2149

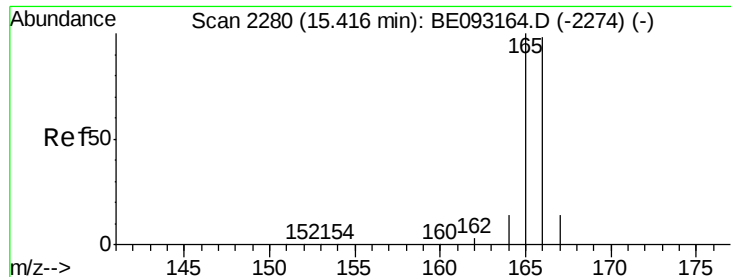
Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Tgt Ion:	153	Resp:	9787
Ion Ratio	Lower	Upper	
153	100		
152	47.9	40.3	60.5
154	86.9	71.4	107.2





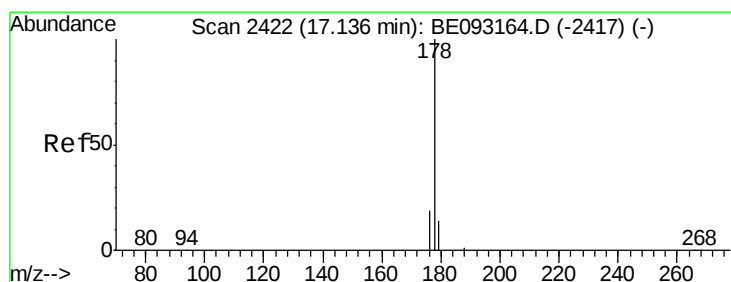
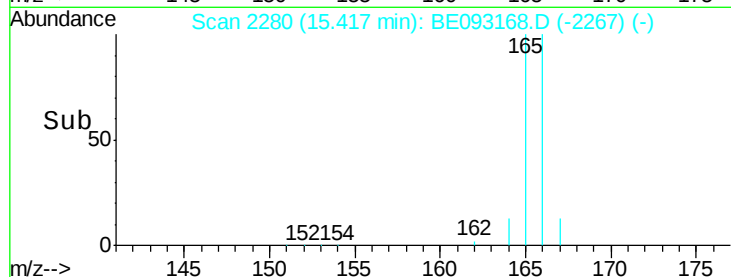
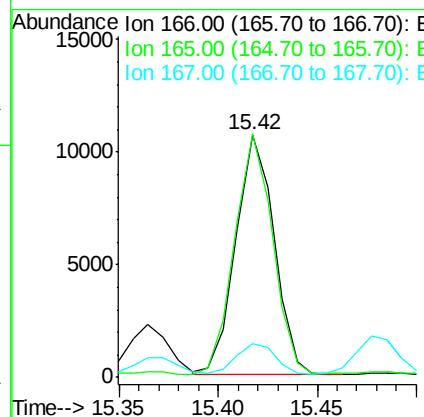
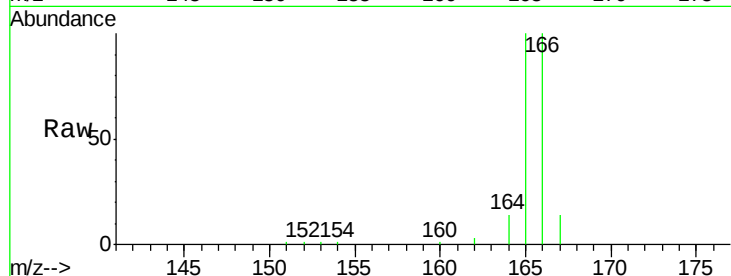
#9
Fluorene
 Concen: 0.316 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BE093168.D
 Acq: 14 Jun 2017 14:11

Instrument :
 BNA_E
 ClientSampleId :
 F5D39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	14.0	14.6	22.0

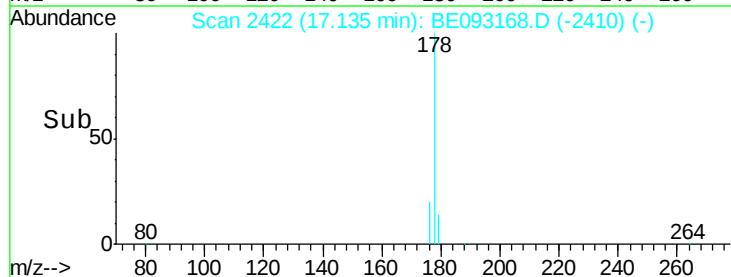
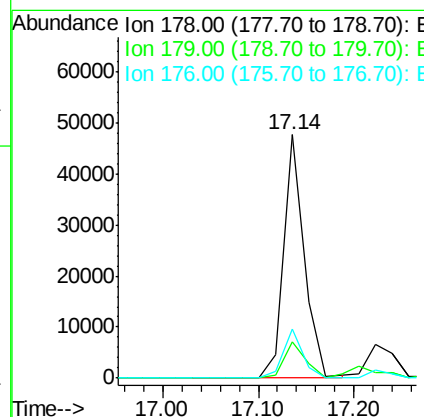
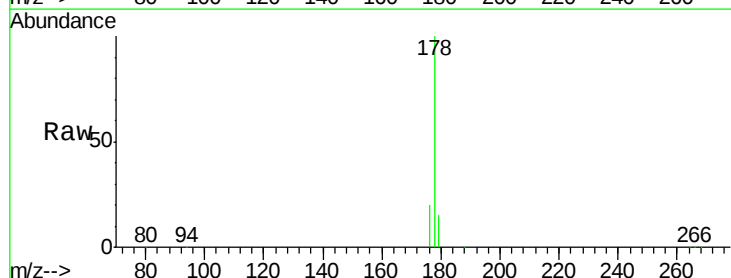
Manual Integrations
 APPROVED

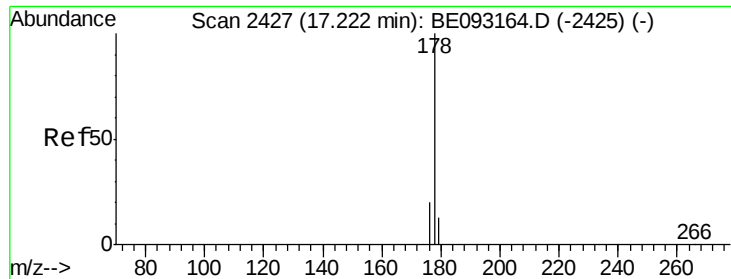
mohammad
 6/15/2017 3:52:58 PM



#12
Phenanthrene
 Concen: 0.993 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093168.D
 Acq: 14 Jun 2017 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6
176	20.1	13.6	20.4





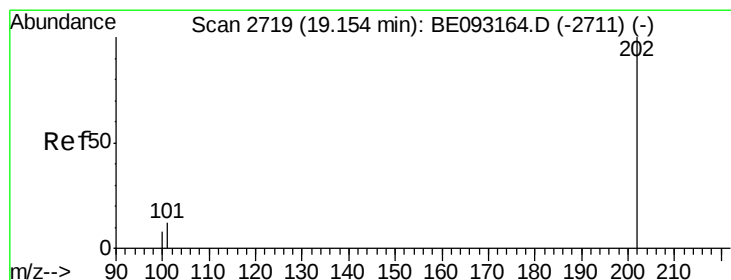
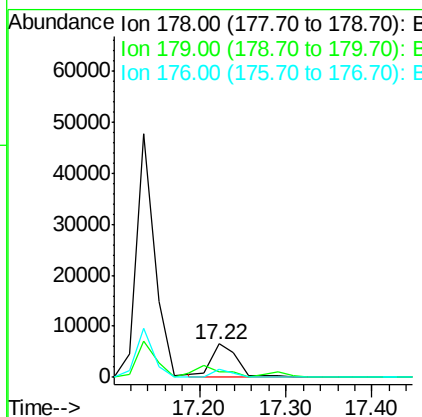
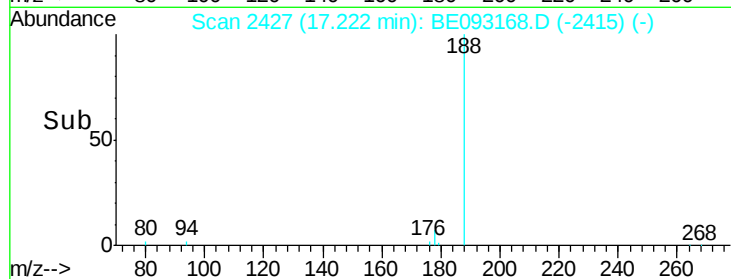
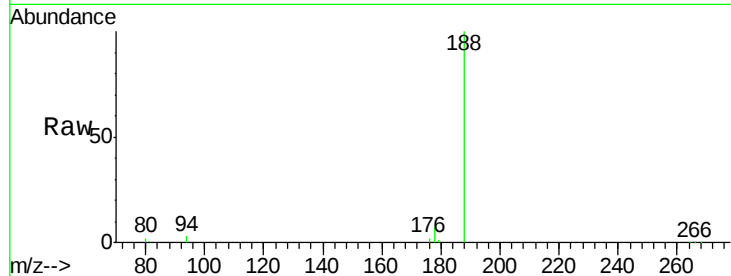
#13
 Anthracene
 Concen: 0.215 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093168.D
 Acq: 14 Jun 2017 14:11

Instrument :
 BNA_E
 ClientSampleId :
 F5D39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.1	27.1#
176	22.6	14.7	22.1#

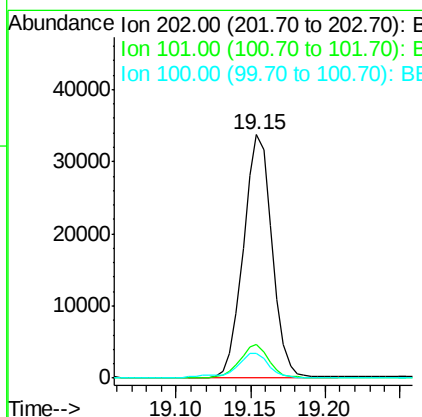
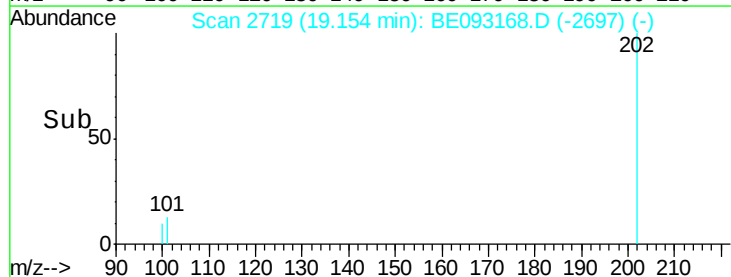
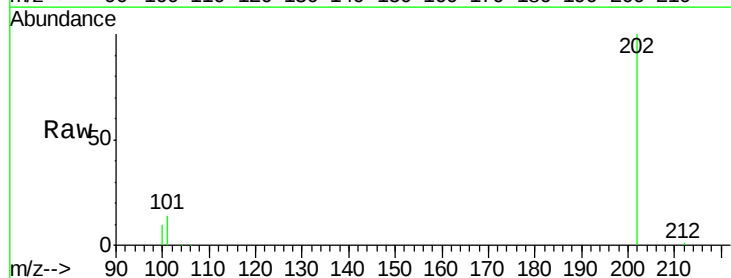
Manual Integrations
 APPROVED

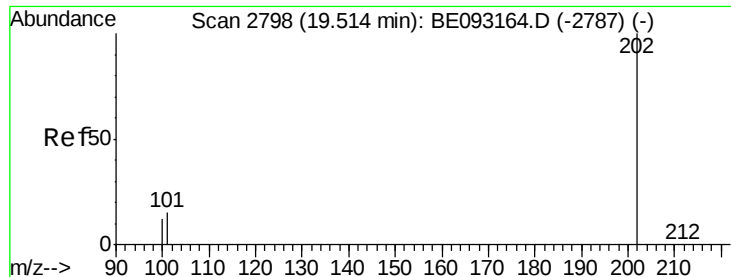
mohammad
 6/15/2017 3:52:58 PM



#15
 Fluoranthene
 Concen: 0.514 ng/ul
 RT: 19.15 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093168.D
 Acq: 14 Jun 2017 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.3
100	10.2	0.0	39.5





#17

Pyrene

Concen: 0.489 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Instrument :

BNA_E

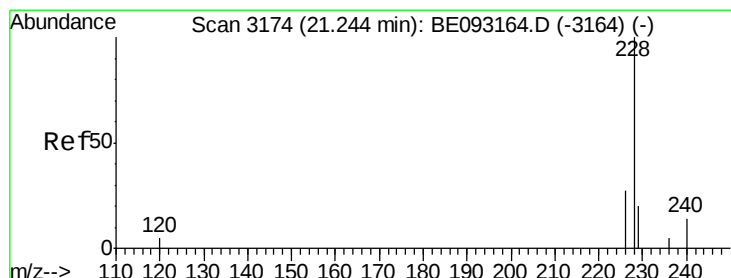
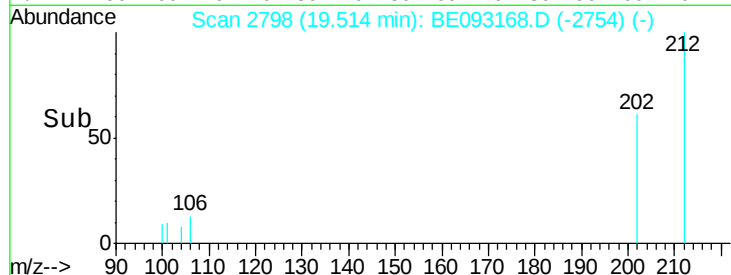
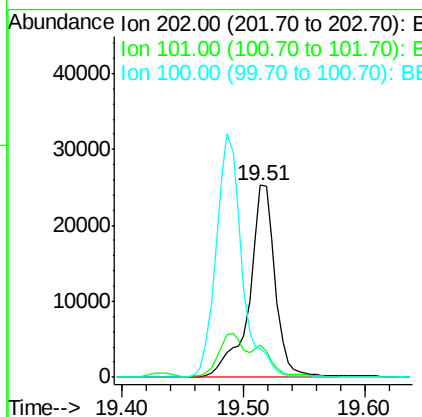
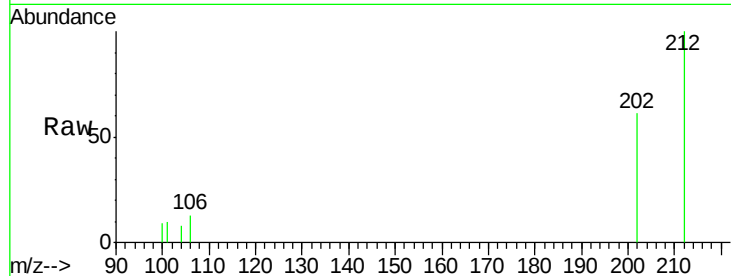
ClientSampleId :

F5D39

Tgt Ion:	202	Resp:	37038
Ion Ratio	Lower	Upper	
202	100		
101	16.8	18.2	27.4#
100	14.8	15.6	23.4#

Manual Integrations
APPROVED

mohammad
6/15/2017 3:52:58 PM



#18

Benzo(a)anthracene

Concen: 0.133 ng/ul

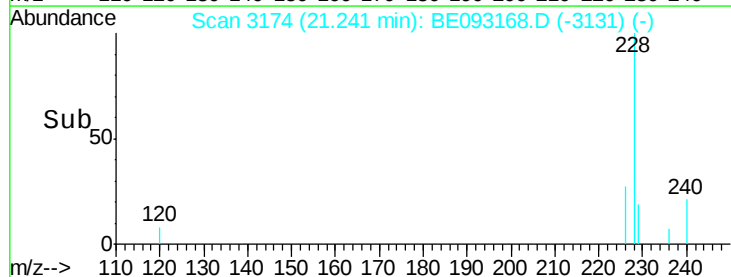
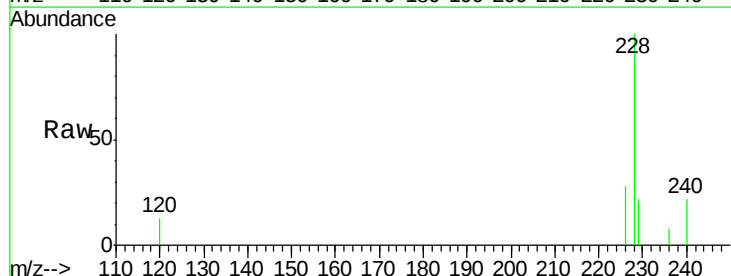
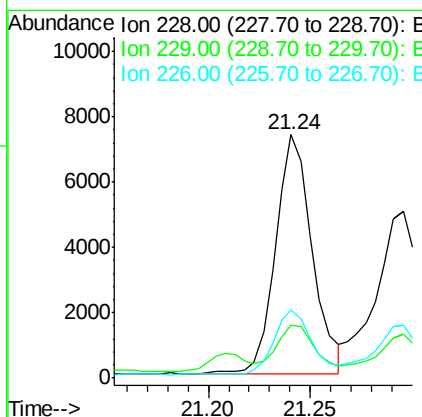
RT: 21.24 min Scan# 3174

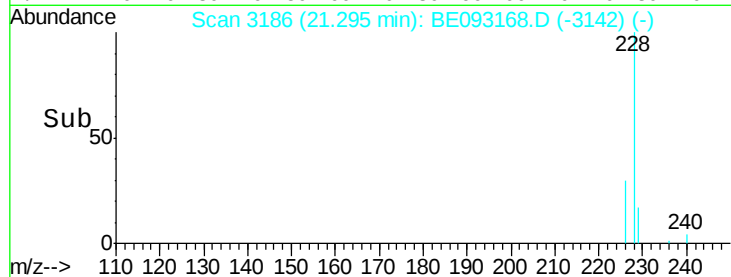
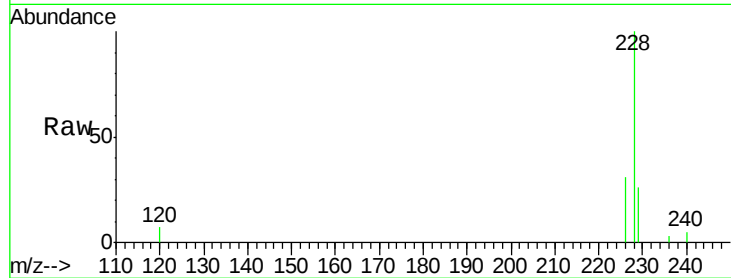
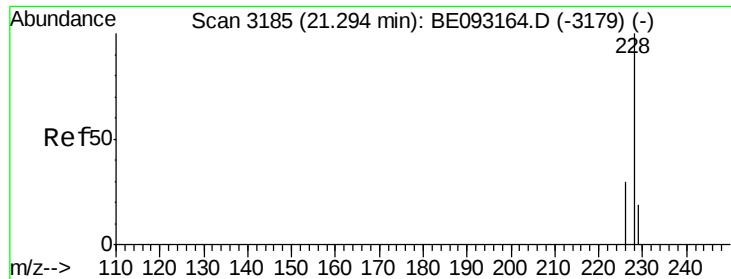
Delta R.T. -0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Tgt Ion:	228	Resp:	9078
Ion Ratio	Lower	Upper	
228	100		
229	21.7	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 0.104 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093168.D

Acq: 14 Jun 2017 14:11

Instrument :

BNA_E

ClientSampleId :

F5D39

Tgt Ion: 228 Resp: 7395

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

229 26.0 17.7 26.5

Manual Integrations

APPROVED

mohammad

6/15/2017 3:52:58 PM

