

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
 Data File : BE093153.D
 Acq On : 14 Jun 2017 4:53
 Operator : SJ/MA
 Sample : I3520-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B05

Manual Integrations
 APPROVED

mohammad
 6/14/2017 3:00:02 PM

Quant Time: Jun 14 11:24:46 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 14 08:39:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5719	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	28436	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	17268	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	41646	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	42422	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	43359	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6694	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	19928	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.09	152	9178	0.124	ng/ul	97
12) Phenanthrene	17.14	178	6747	0.059	ng/ul#	89
13) Anthracene	17.22	178	10747	0.108	ng/ul#	89
15) Fluoranthene	19.15	202	84250	0.600	ng/ul	83
17) Pyrene	19.52	202	124531	0.995	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	62851	0.555	ng/ul#	85
19) Chrysene	21.29	228	76282	0.650	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	130919m	0.995	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	41635m	0.298	ng/ul	
23) Benzo(a)pyrene	23.56	252	65339	0.525	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.18	276	39136	0.272	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.19	278	10676	0.088	ng/ul#	76
26) Benzo(g,h,i)perylene	26.95	276	33868	0.274	ng/ul	95

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

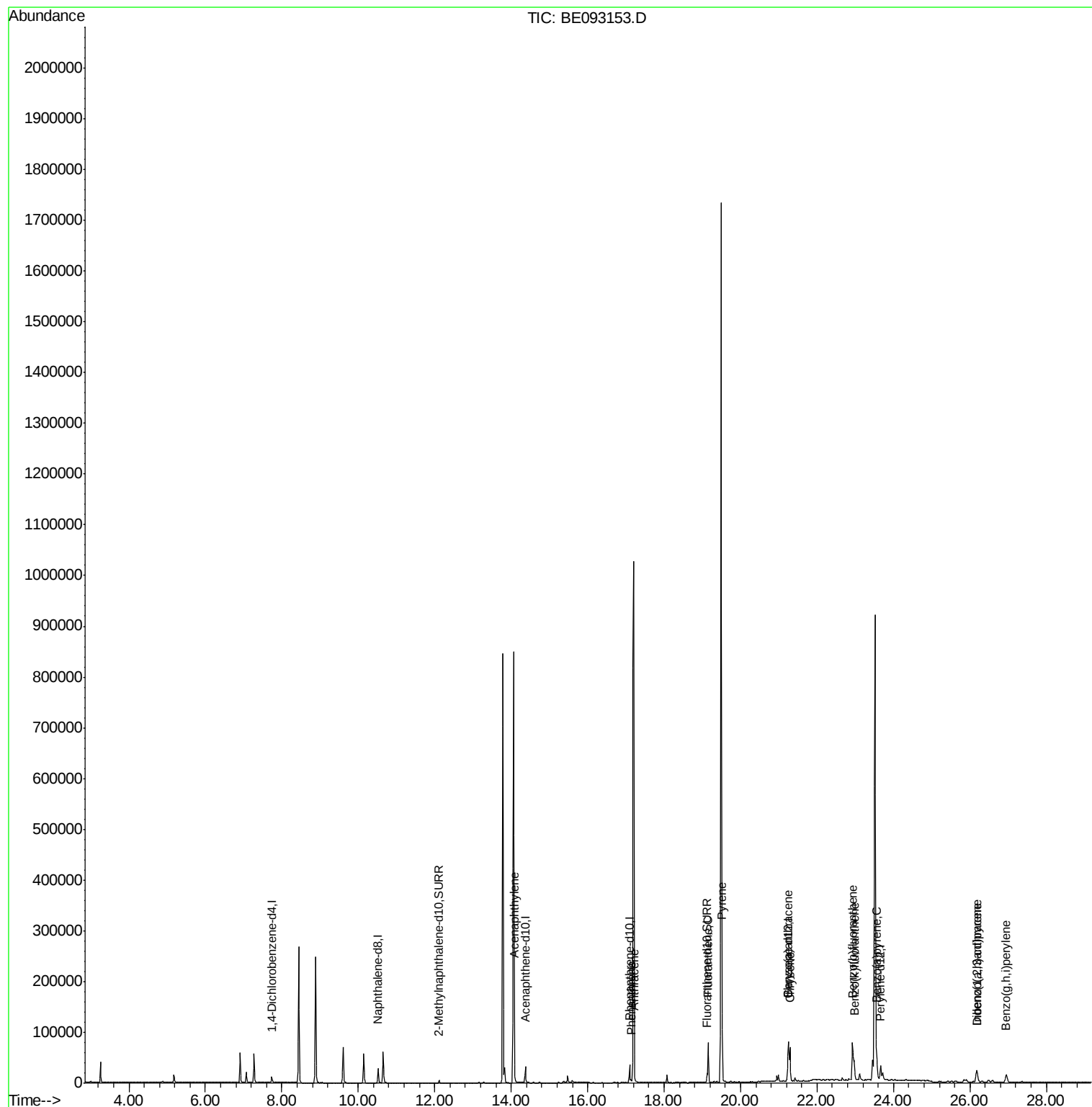
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Data File : BE093153.D
Acq On : 14 Jun 2017 4:53
Operator : SJ/MA
Sample : I3520-12
Misc :
ALS Vial : 26 Sample Multiplier: 1

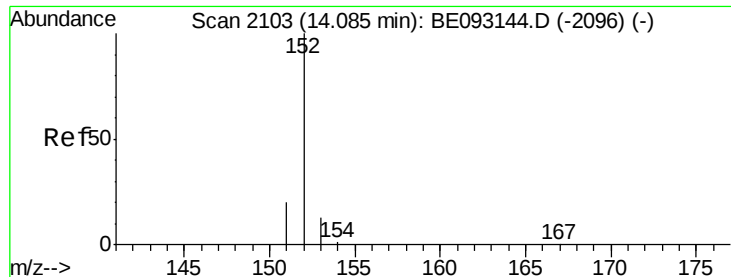
Instrument :
BNA_E
ClientSampleId :
F5B05

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM

Quant Time: Jun 14 11:24:46 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 14 08:39:04 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.124 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093153.D

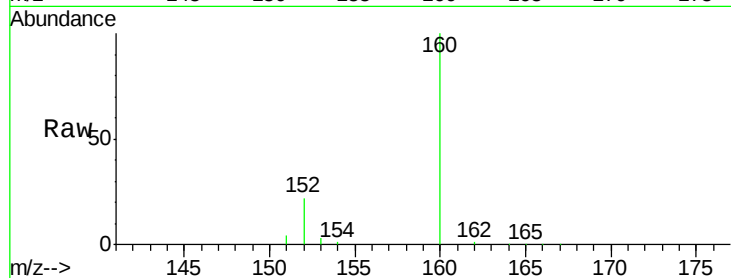
Acq: 14 Jun 2017 4:53

Instrument :

BNA_E

ClientSampleId :

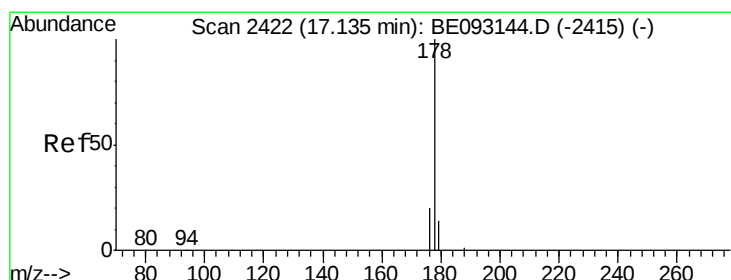
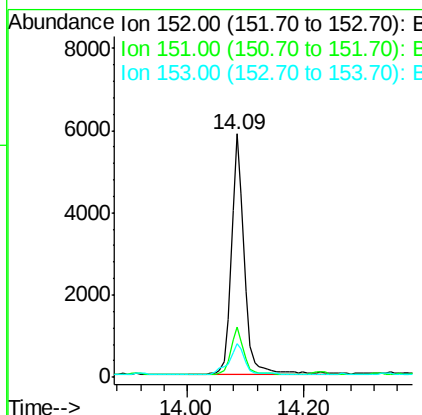
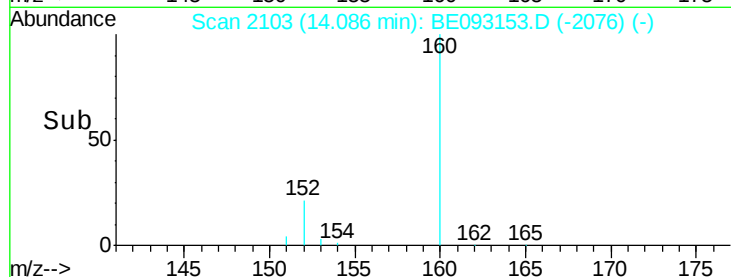
F5B05



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.6	12.8	19.2

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM



#12

Phenanthrene

Concen: 0.059 ng/ul

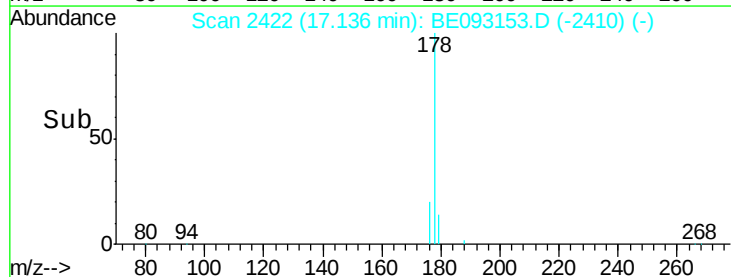
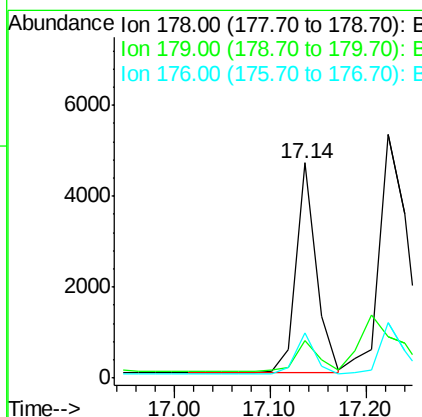
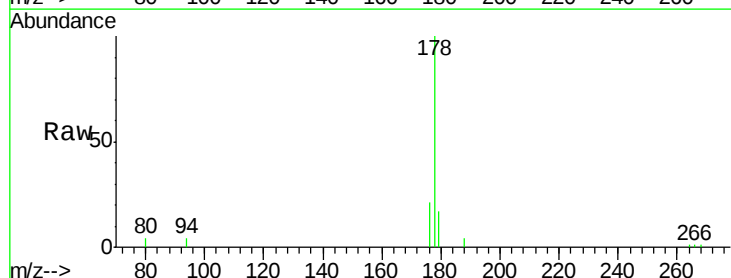
RT: 17.14 min Scan# 2422

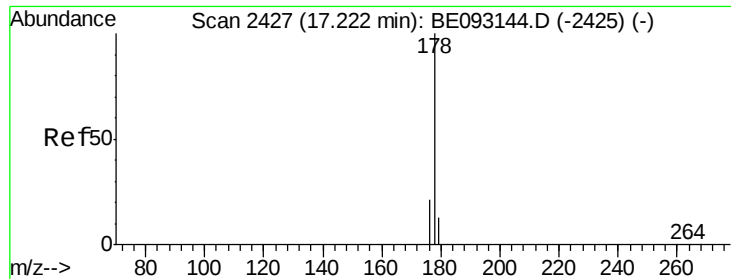
Delta R.T. 0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	21.0	13.6	20.4#





#13

Anthracene

Concen: 0.108 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Instrument :

BNA_E

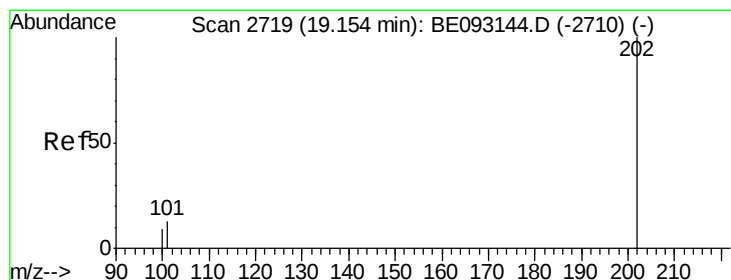
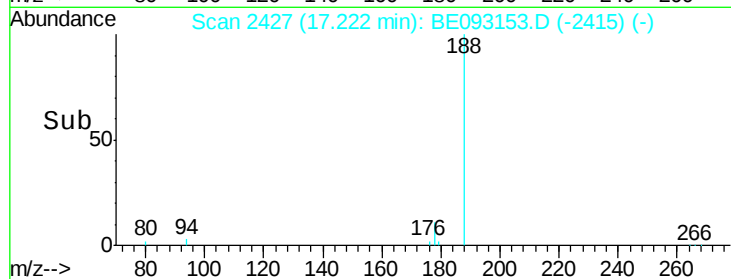
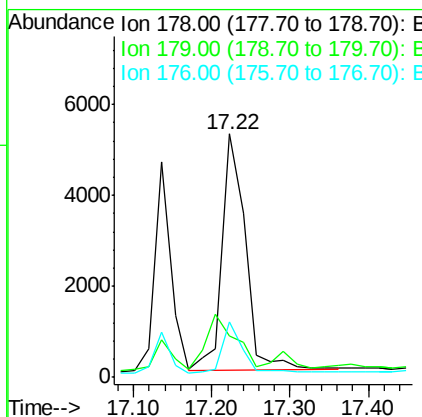
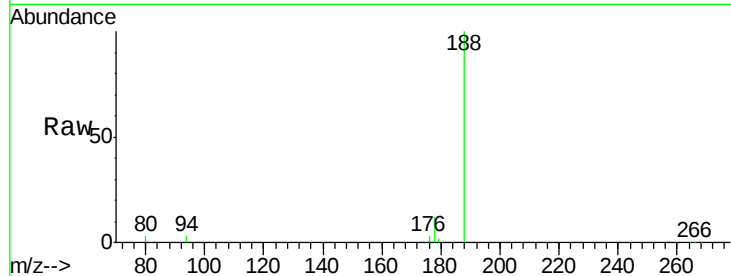
ClientSampleId :

F5B05

Tgt Ion:	178	Resp:	10747
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.1	27.1#
176	22.9	14.7	22.1#

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM



#15

Fluoranthene

Concen: 0.600 ng/ul

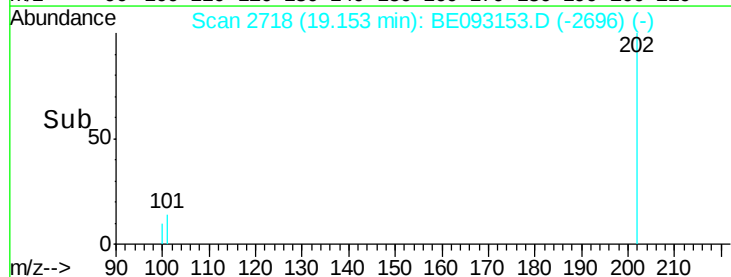
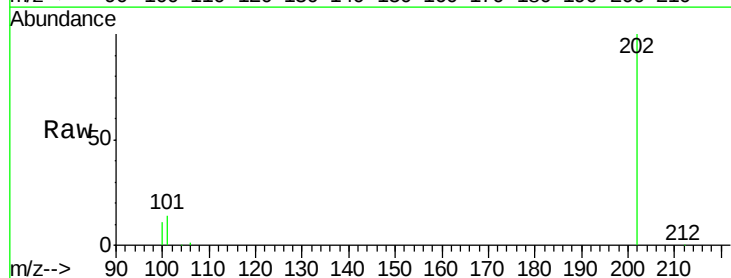
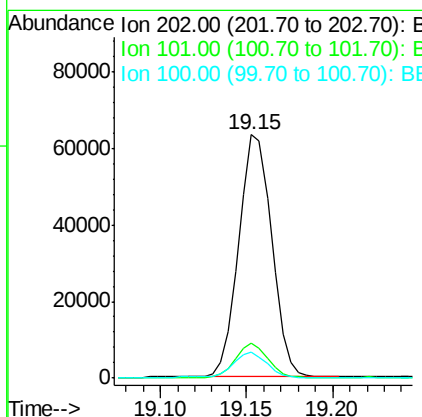
RT: 19.15 min Scan# 2718

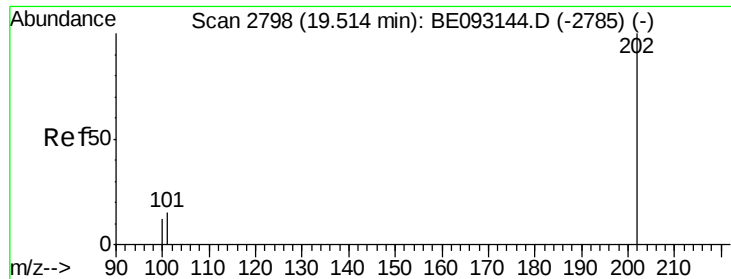
Delta R.T. -0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Tgt Ion:	202	Resp:	84250
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	30.3
100	10.7	0.0	39.5





#17

Pyrene

Concen: 0.995 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Instrument :

BNA_E

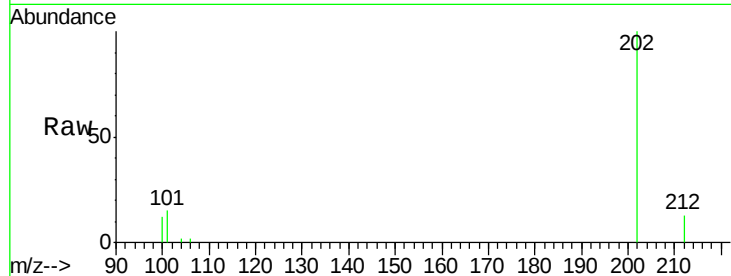
ClientSampleId :

F5B05

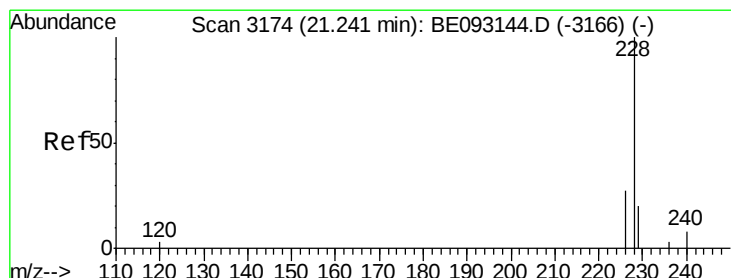
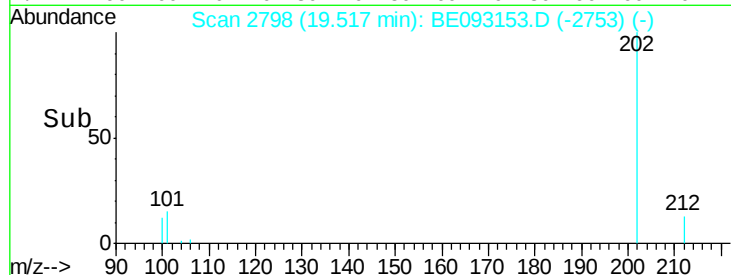
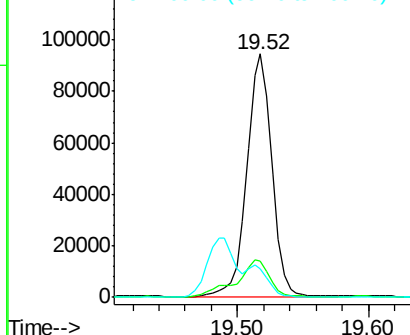
Tgt Ion:	202	Resp:	124531
Ion Ratio	Lower	Upper	
202	100		
101	14.9	18.2	27.4#
100	11.9	15.6	23.4#

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.555 ng/ul

RT: 21.24 min Scan# 3174

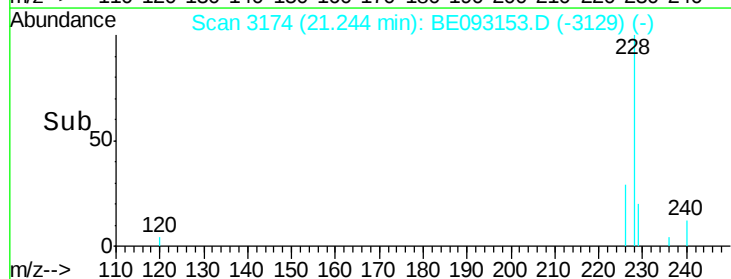
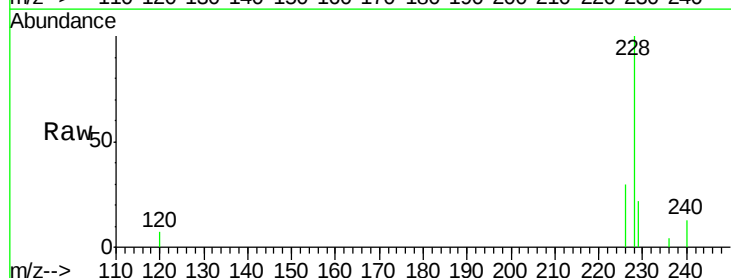
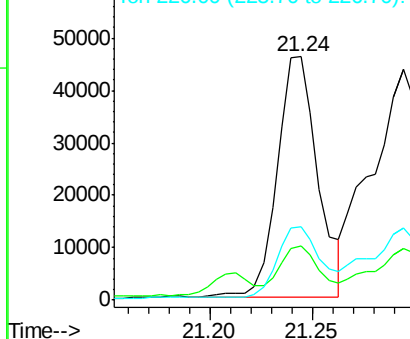
Delta R.T. 0.00 min

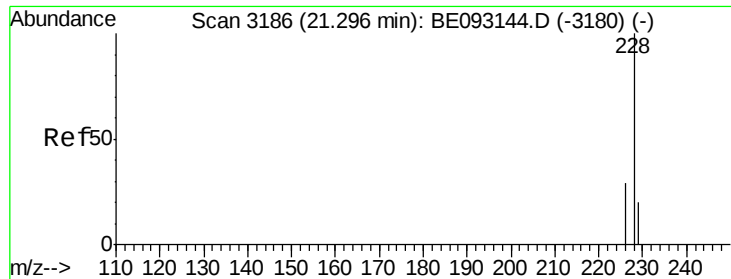
Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Tgt Ion:	228	Resp:	62851
Ion Ratio	Lower	Upper	
228	100		
229	22.3	22.8	34.2#
226	29.9	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.650 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Instrument :

BNA_E

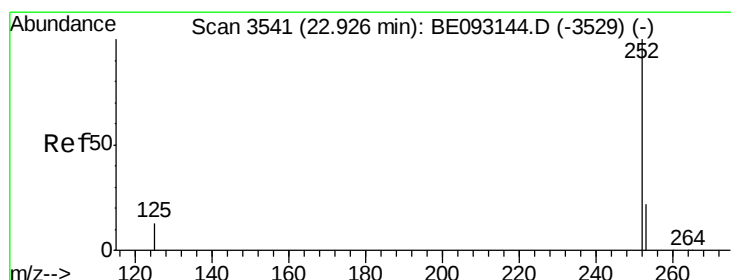
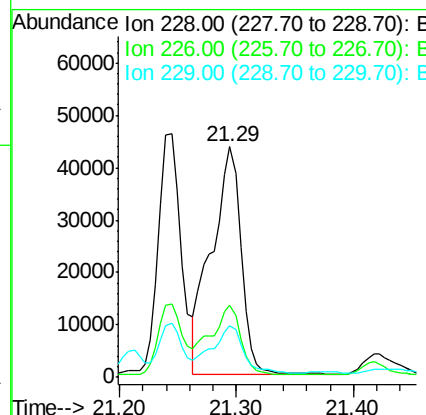
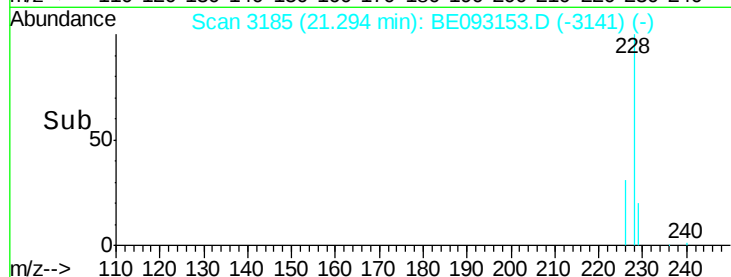
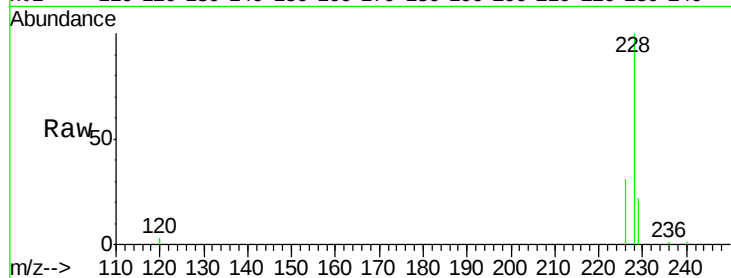
ClientSampleId :

F5B05

Tgt Ion:	228	Resp:	76282
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.0
229	22.5	17.7	26.5

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM



#21

Benzo(b)fluoranthene

Concen: 0.995 ng/ul m

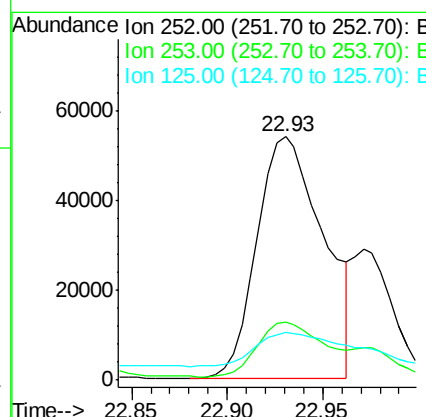
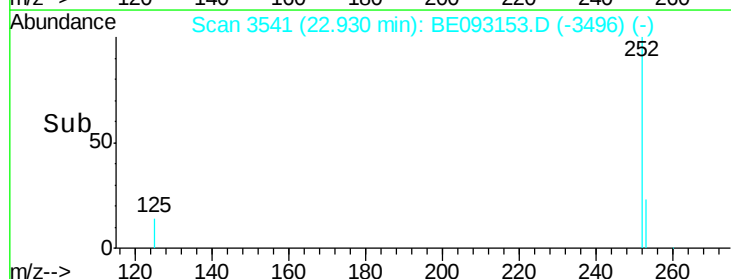
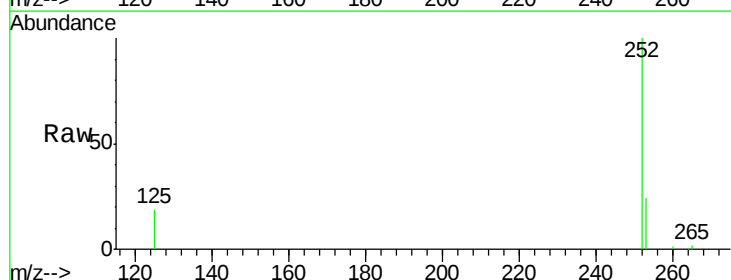
RT: 22.93 min Scan# 3541

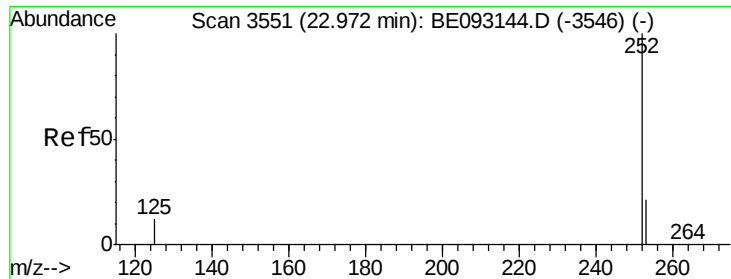
Delta R.T. 0.00 min

Lab File: BE093153.D

Acq: 14 Jun 2017 4:53

Tgt Ion:	252	Resp:	130919
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	64.2
125	19.5	0.0	35.0





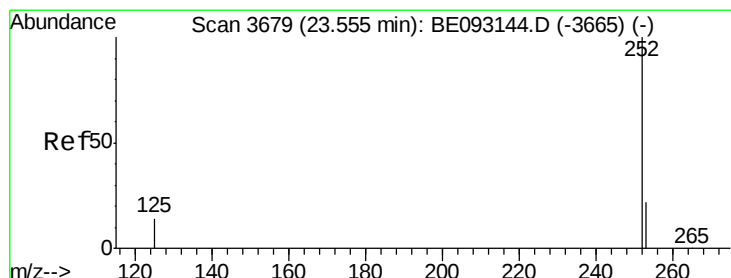
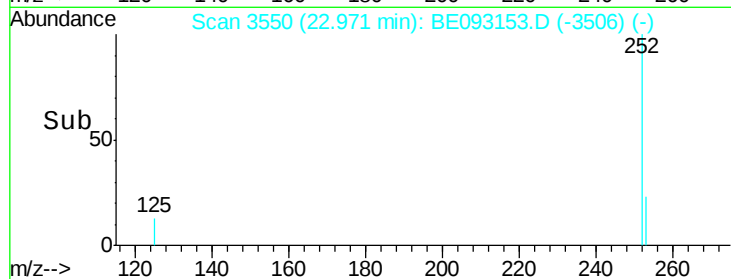
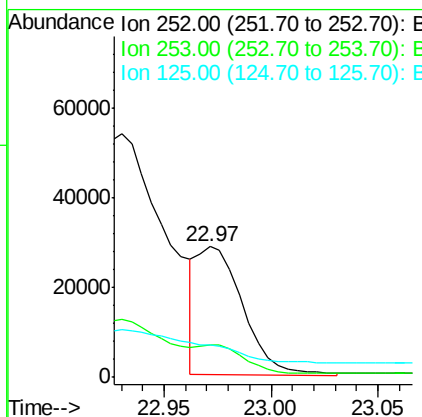
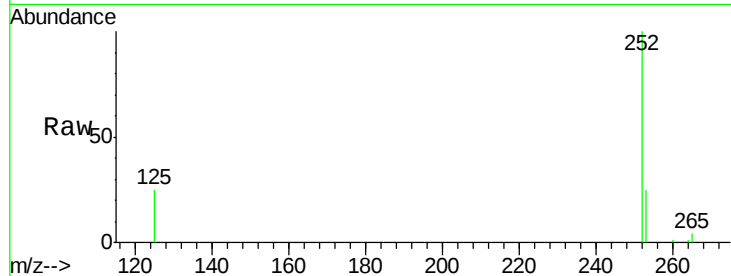
#22
Benzo(k)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093153.D
Acq: 14 Jun 2017 4:53

Instrument :
BNA_E
ClientSampleId :
F5B05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	24.5	36.7
125	24.8	13.7	20.5#

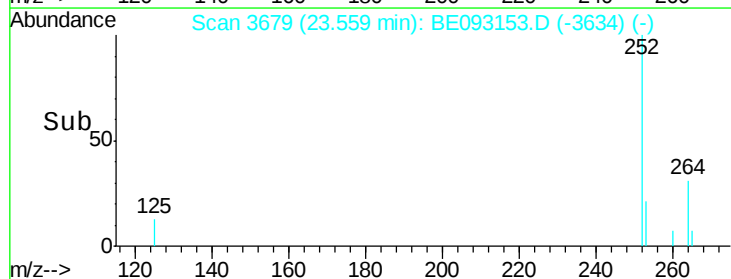
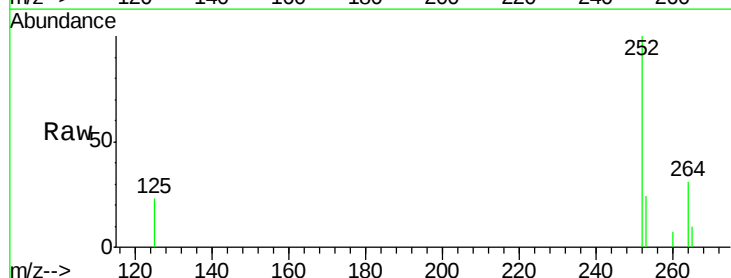
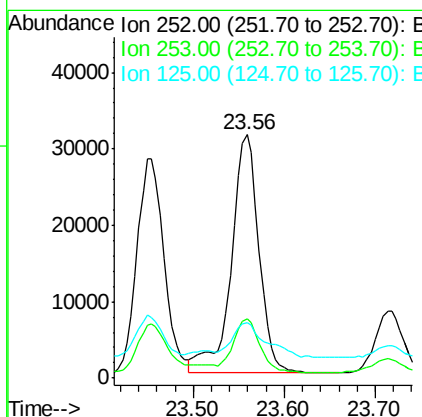
Manual Integrations
APPROVED

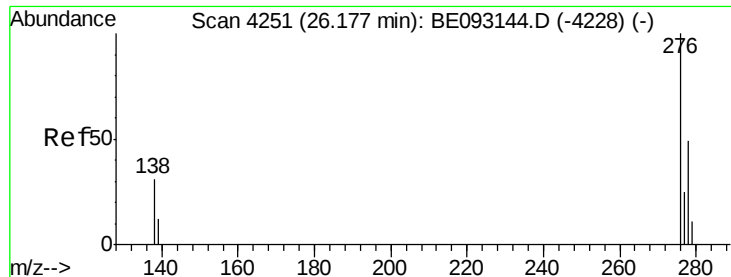
mohammad
6/14/2017 3:00:02 PM



#23
Benzo(a)pyrene
Concen: 0.525 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093153.D
Acq: 14 Jun 2017 4:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	22.8	18.1	27.1





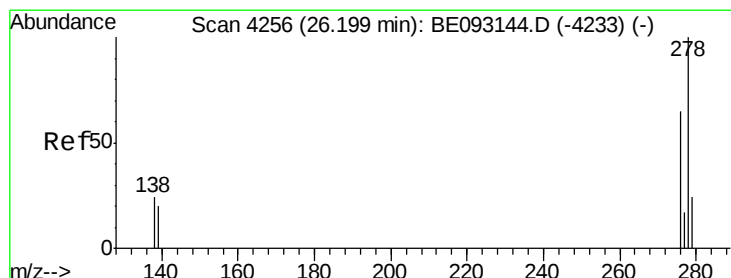
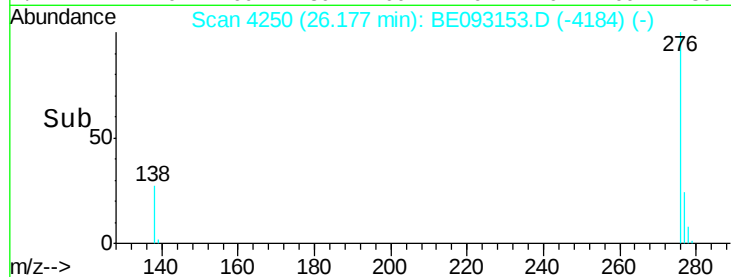
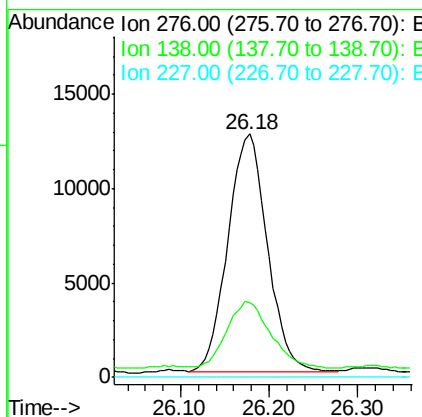
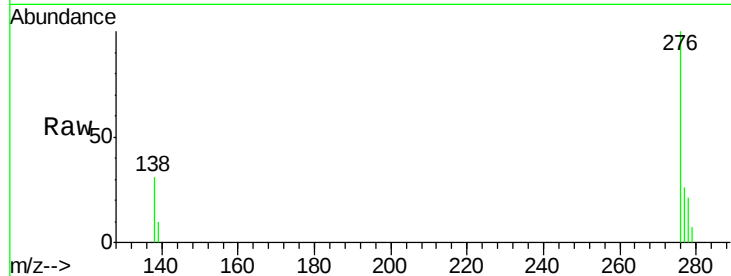
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.272 ng/u1
 RT: 26.18 min Scan# 4250
 Delta R.T. 0.00 min
 Lab File: BE093153.D
 Acq: 14 Jun 2017 4:53

Instrument :
 BNA_E
 ClientSampleId :
 F5B05

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.5	28.0	42.0
227	0.0	8.0	12.0

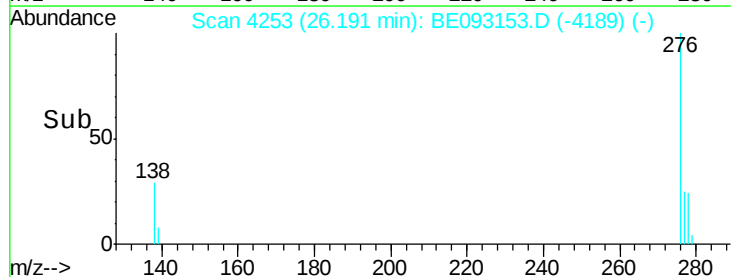
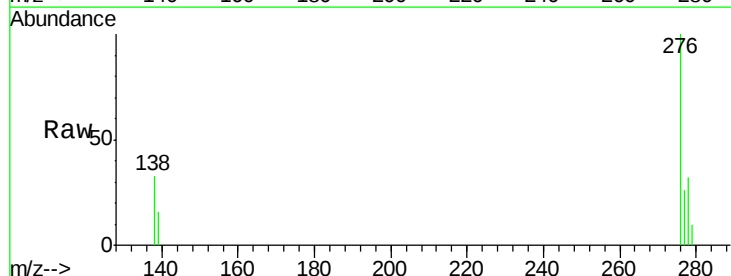
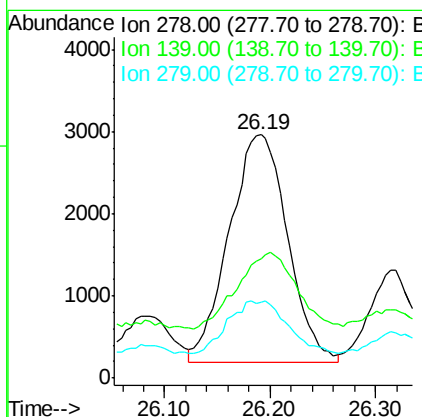
Manual Integrations
 APPROVED

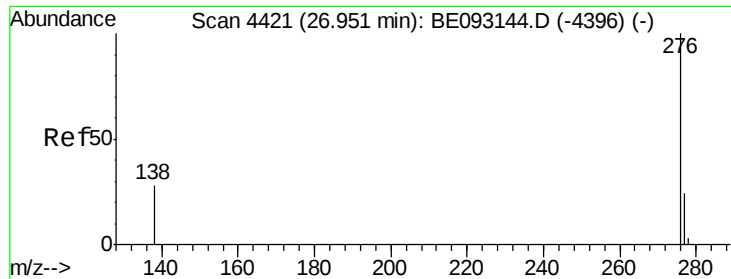
mohammad
 6/14/2017 3:00:02 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.088 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.01 min
 Lab File: BE093153.D
 Acq: 14 Jun 2017 4:53

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	49.0	17.4	26.0
279	31.1	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.274 ng/ul

RT: 26.95 min Scan# 4419

Delta R.T. -0.00 min

Lab File: BE093153.D

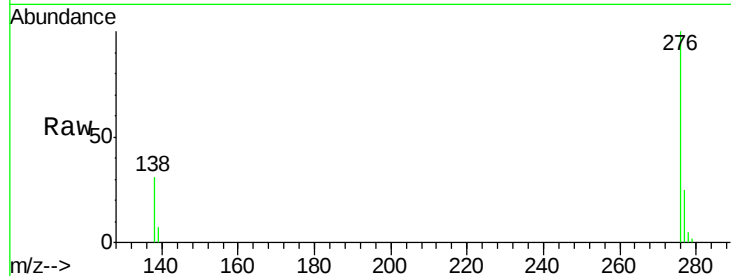
Acq: 14 Jun 2017 4:53

Instrument :

BNA_E

ClientSampleId :

F5B05



Tgt Ion:	276	Resp:	33868
Ion Ratio	Lower	Upper	
276	100		
138	31.4	21.8	32.8
277	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/14/2017 3:00:02 PM

