

Data File : BE093195.D
Acq On : 15 Jun 2017 6:48
Operator : SJ/MA
Sample : I3521-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C60

Quant Time: Jun 15 07:31:07 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 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4055	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20753	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12653	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	29390	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1512061	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	8477	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	22412	0.00	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	9203	0.18	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	2370	0.07	ng/ul	99
7) Acenaphthylene	14.08	152	32985	0.61	ng/ul	96
8) Acenaphthene	14.43	153	1116	0.03	ng/ul	91
9) Fluorene	15.42	166	1130	0.02	ng/ul#	86
17) Pyrene	19.52	202	350840	4.05	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	167409	2.14	ng/ul#	84
19) Chrysene	21.30	228	202112	2.49	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	427909	0.09	ng/ul	87
22) Benzo(k)fluoranthene	22.93	252	543930	0.11	ng/ul#	89
23) Benzo(a)pyrene	23.45	252	203518	0.05	ng/ul#	84
26) Benzo(g,h,i)perylene	26.96	276	123245	0.03	ng/ul	97

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

Data File : BE093195.D

Acq On : 15 Jun 2017 6:48

Operator : SJ/MA

Sample : I3521-17

Misc :

ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C60

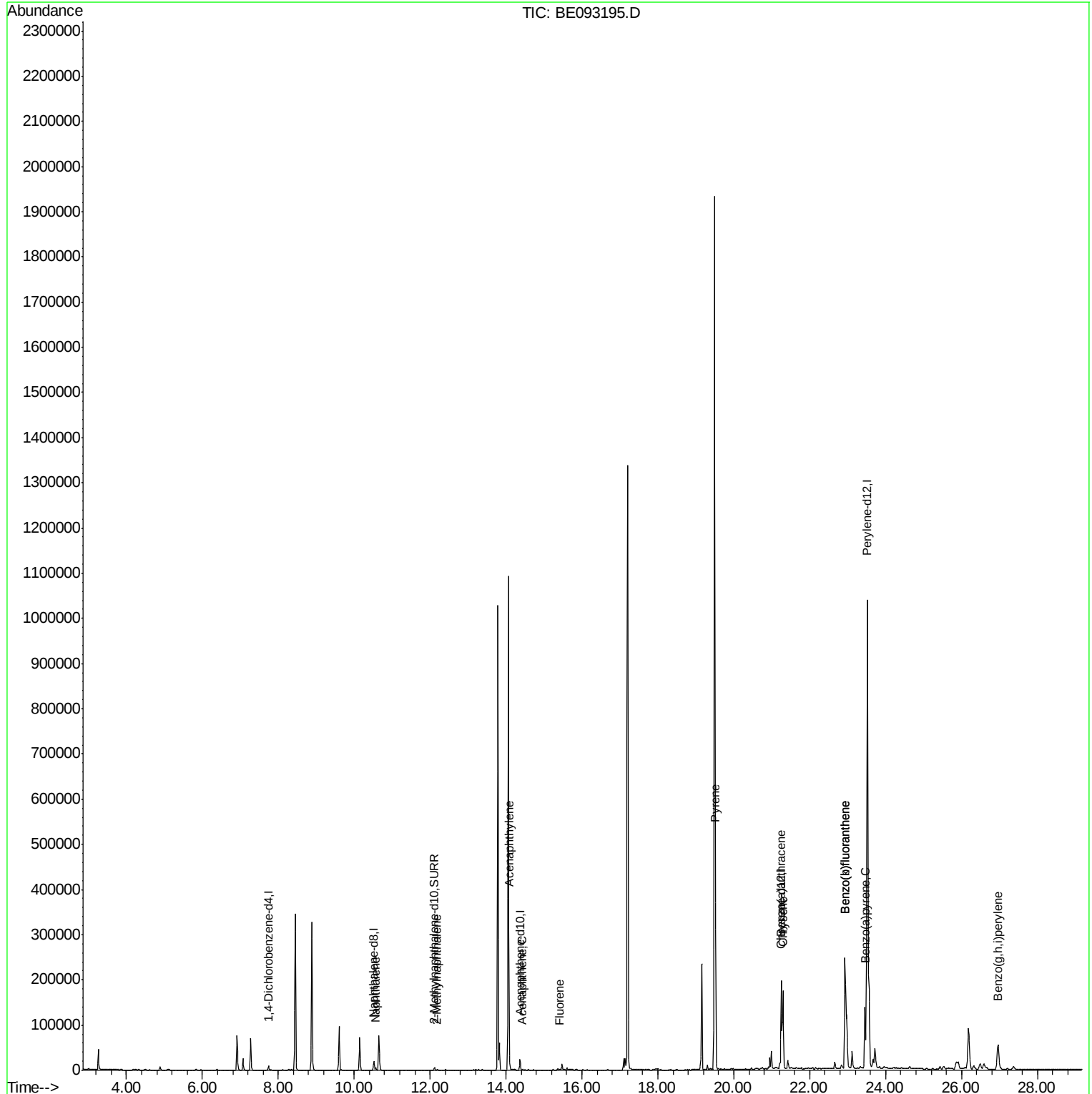
Quant Time: Jun 15 07:31:07 2017

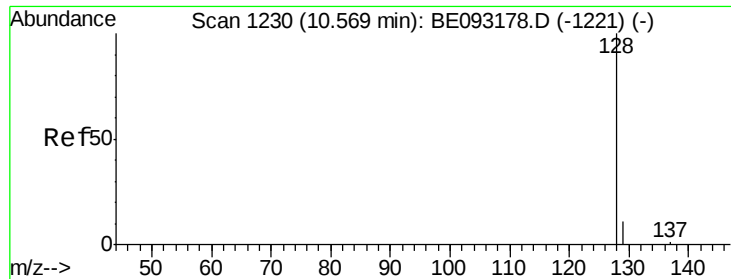
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.18 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampleId :

F5C60

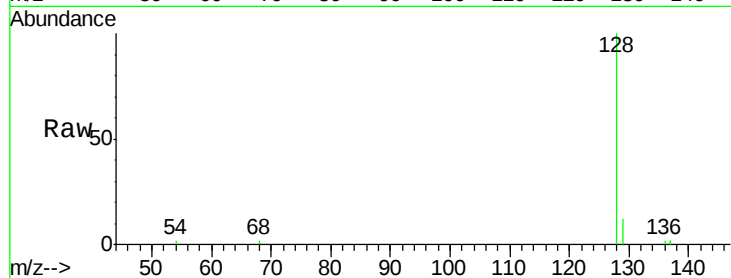
Tgt Ion:128 Resp: 9203

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

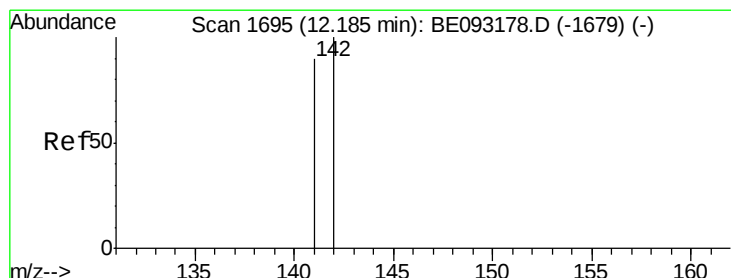
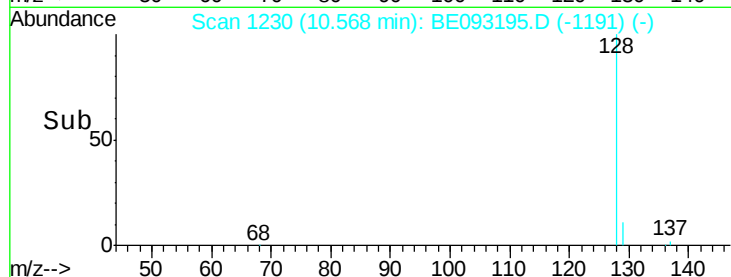
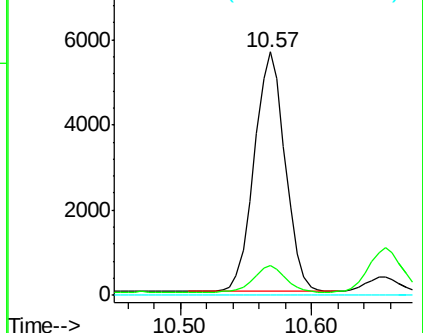
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.07 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093195.D

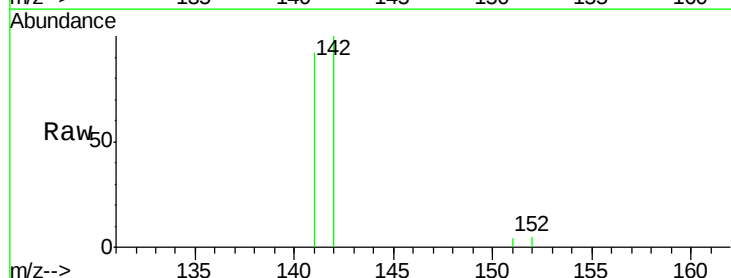
Acq: 15 Jun 2017 6:48

Tgt Ion:142 Resp: 2370

Ion Ratio Lower Upper

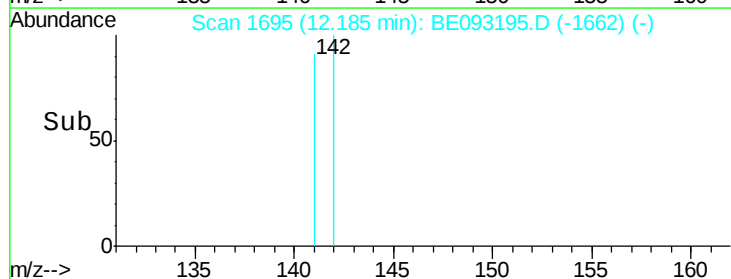
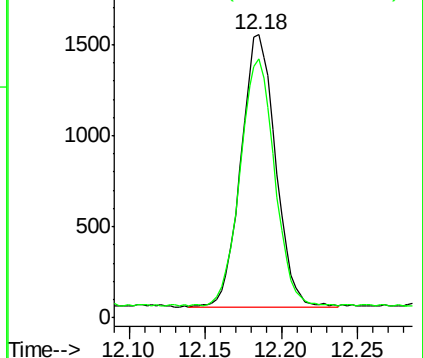
142 100

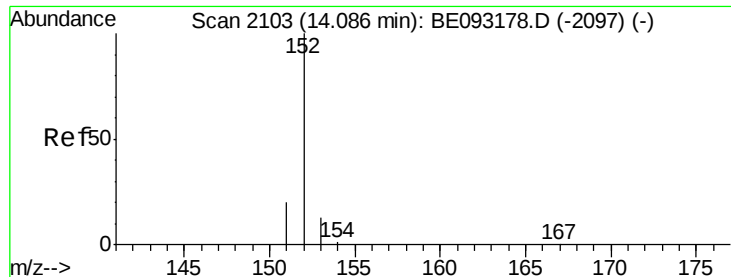
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.61 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampled :

F5C60

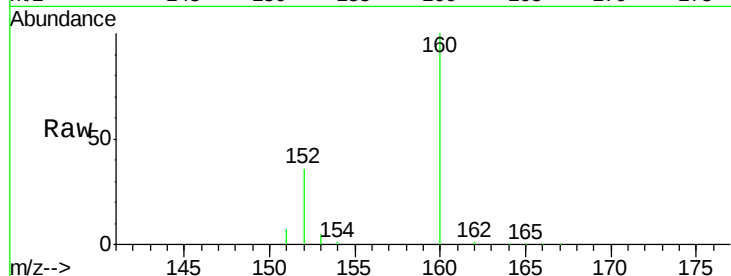
Tgt Ion:152 Resp: 32985

Ion Ratio Lower Upper

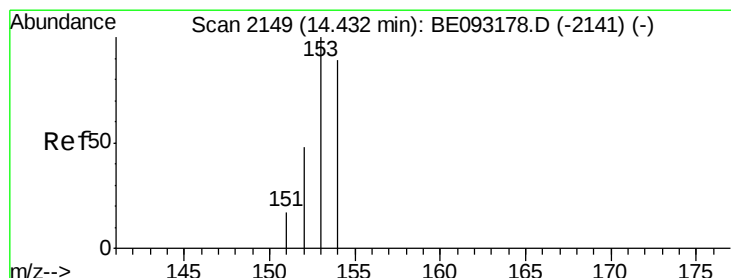
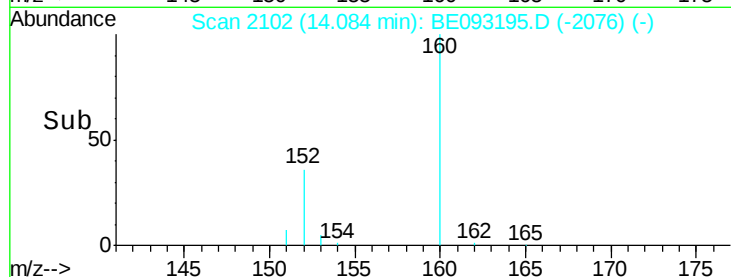
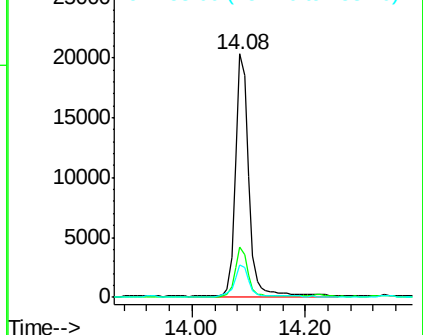
152 100

151 20.6 17.1 25.7

153 13.2 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

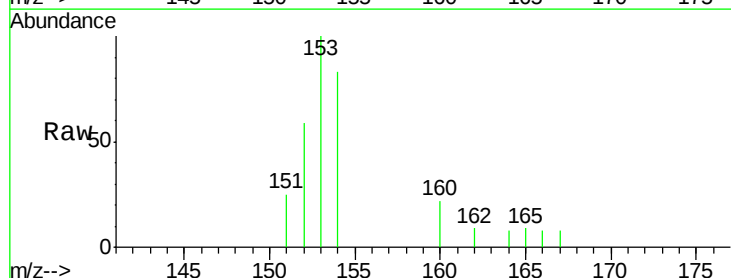
Tgt Ion:153 Resp: 1116

Ion Ratio Lower Upper

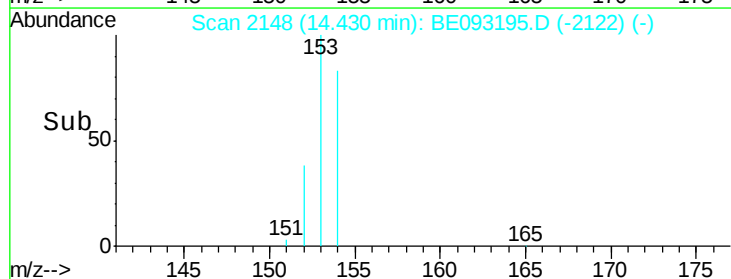
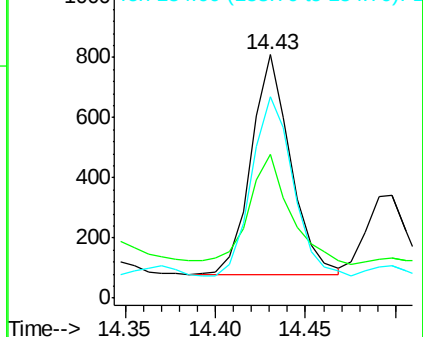
153 100

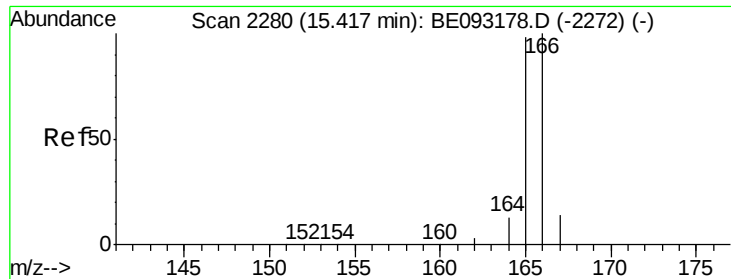
152 58.8 40.3 60.5

154 82.9 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.02 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampleId :

F5C60

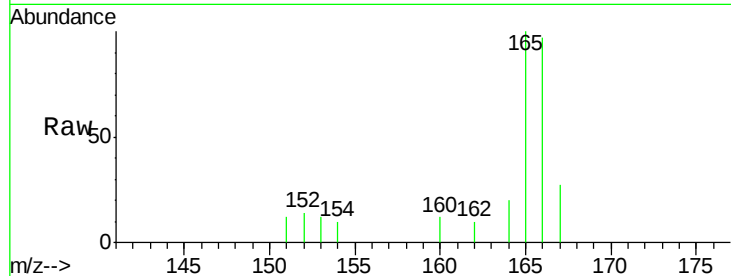
Tgt Ion:166 Resp: 1130

Ion Ratio Lower Upper

166 100

165 103.5 73.4 110.2

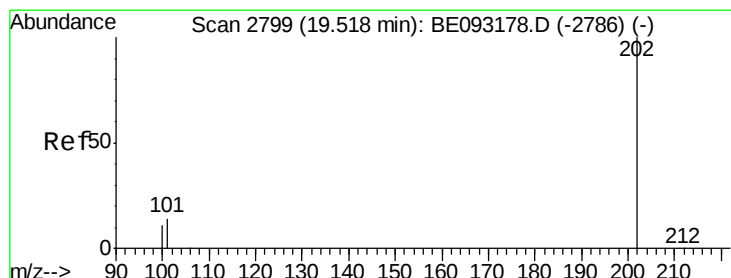
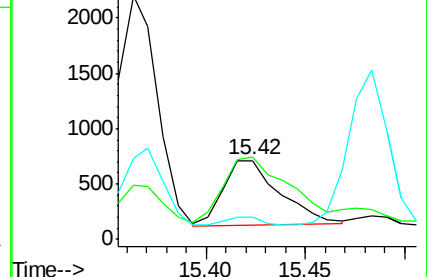
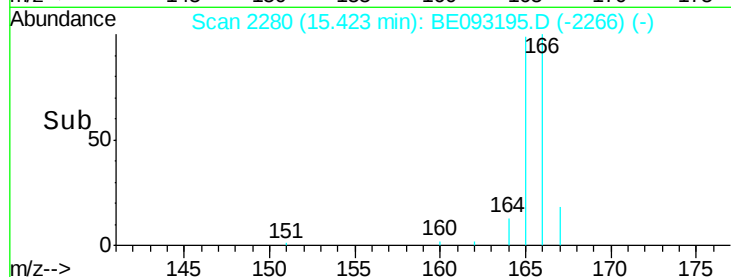
167 28.3 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 4.05 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

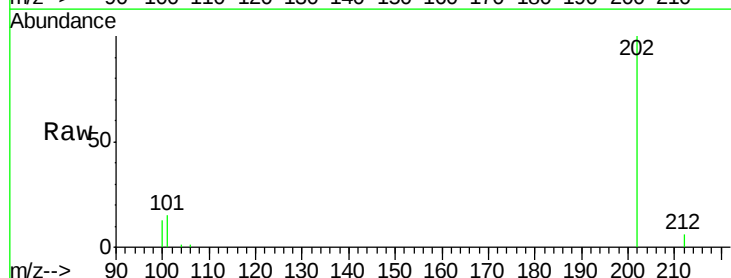
Tgt Ion:202 Resp: 350840

Ion Ratio Lower Upper

202 100

101 15.5 18.2 27.4#

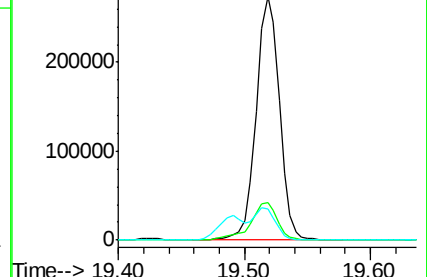
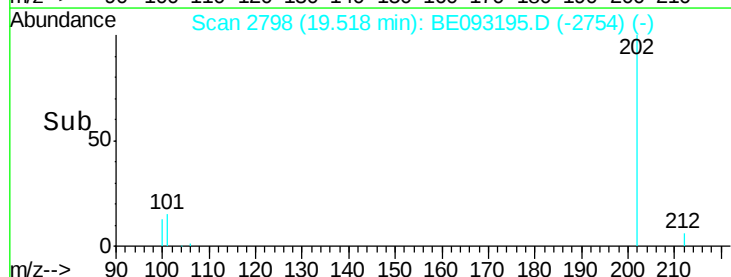
100 12.7 15.6 23.4#

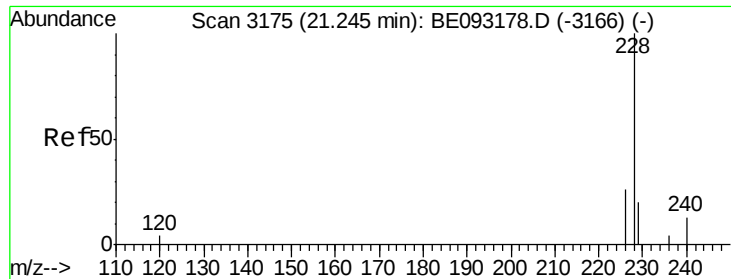


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 2.14 ng/ul

RT: 21.25 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampleId :

F5C60

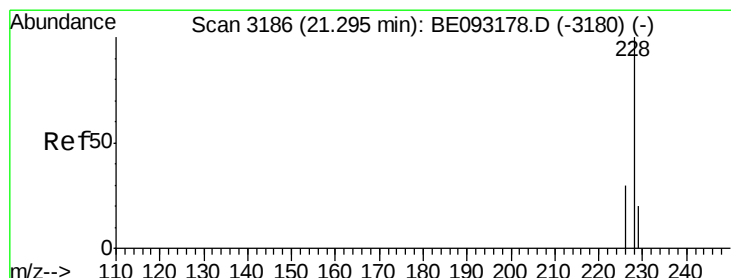
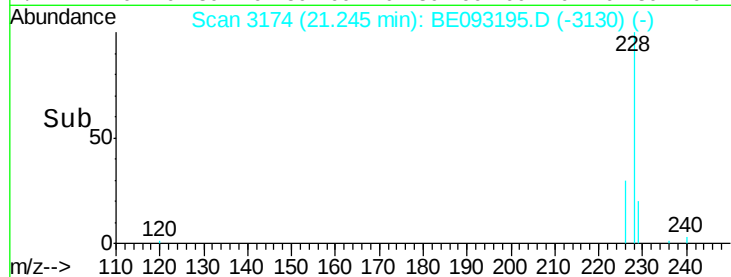
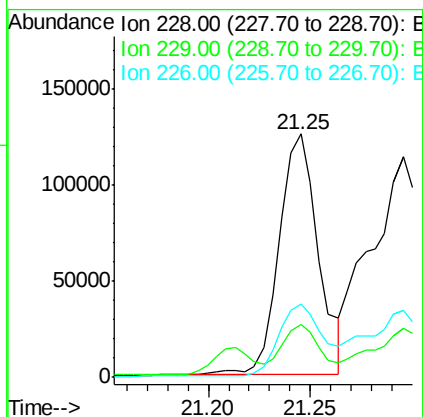
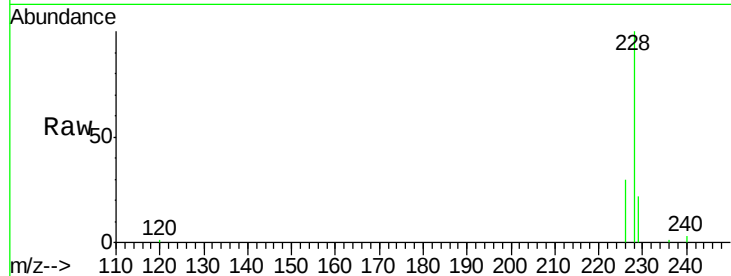
Tgt Ion:228 Resp: 167409

Ion Ratio Lower Upper

228 100

229 21.5 22.8 34.2#

226 30.1 17.0 25.6#



#19

Chrysene

Concen: 2.49 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

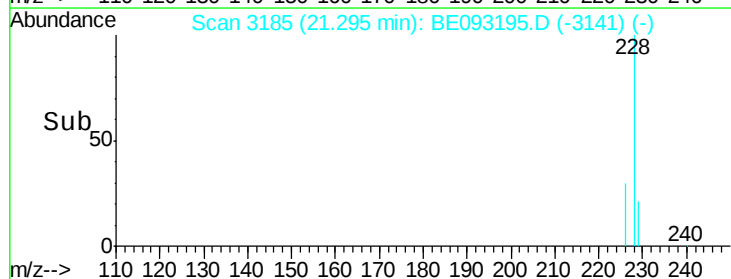
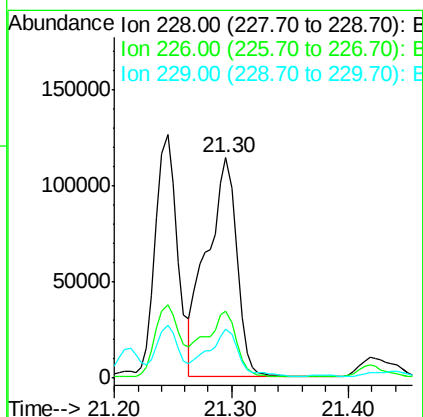
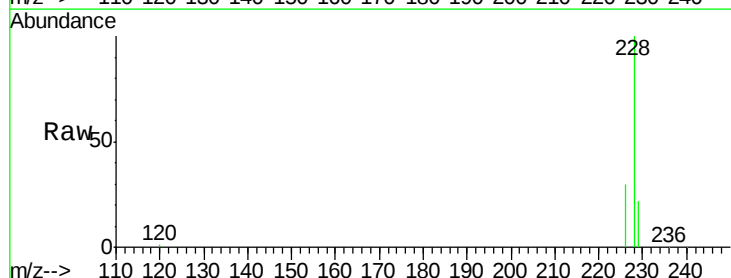
Tgt Ion:228 Resp: 202112

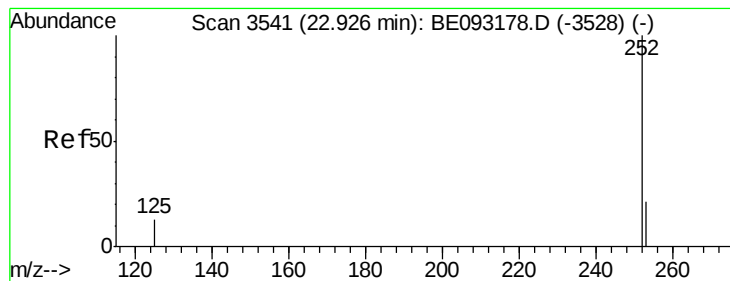
Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.09 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampleId :

F5C60

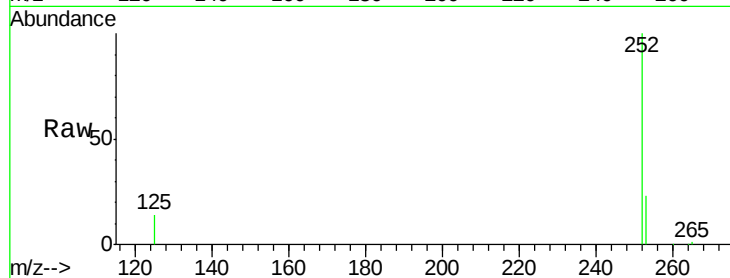
Tgt Ion:252 Resp: 427909

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

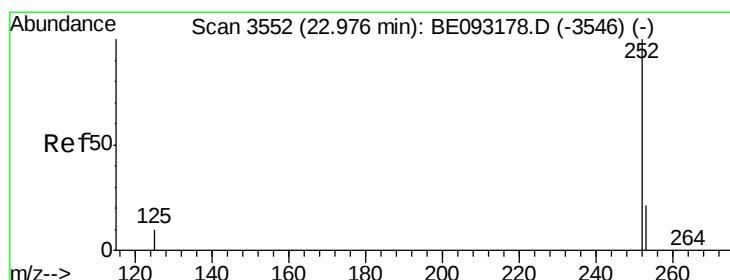
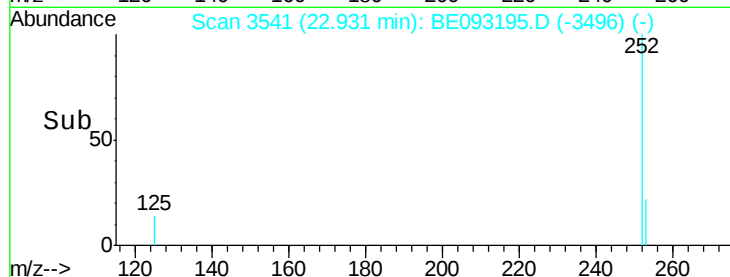
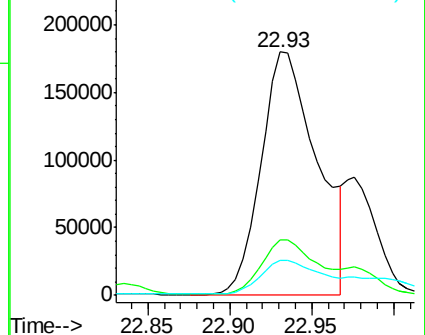
125 14.3 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.11 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

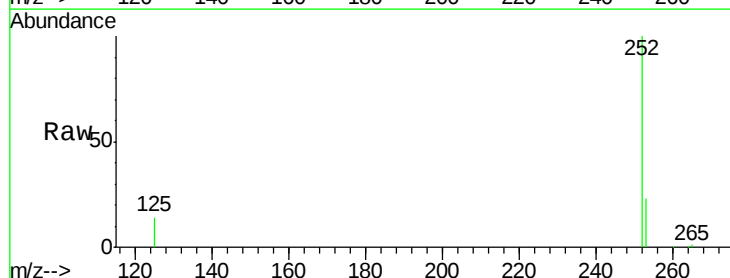
Tgt Ion:252 Resp: 543930

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

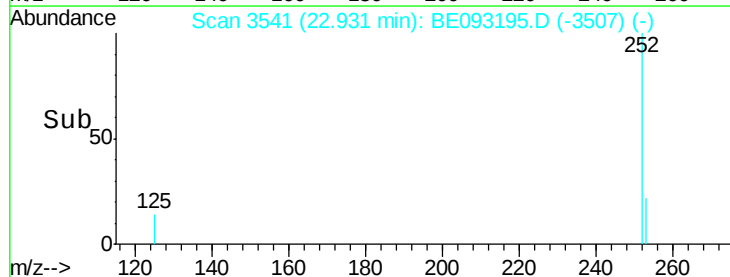
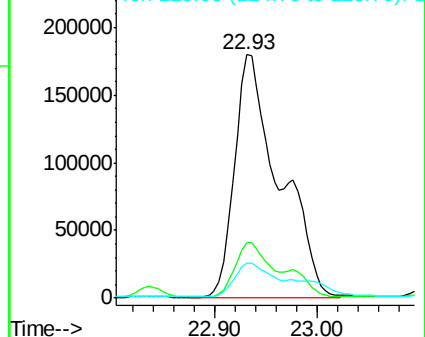
125 14.3 13.7 20.5

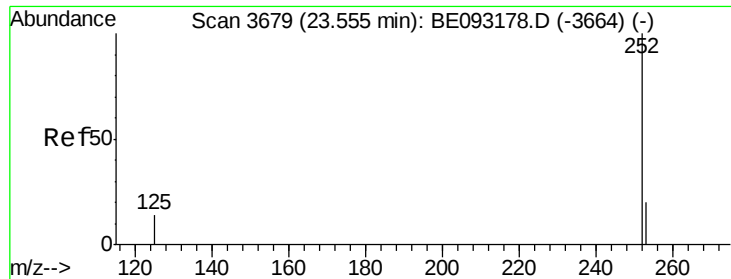


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.45 min Scan# 3656

Delta R.T. -0.10 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

Instrument :

BNA_E

ClientSampleId :

F5C60

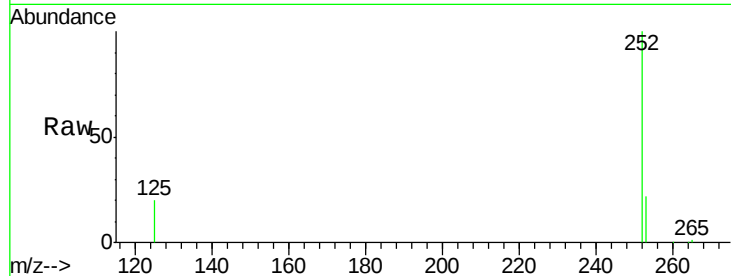
Tgt Ion: 252 Resp: 203518

Ion Ratio Lower Upper

252 100

253 22.4 28.5 42.7#

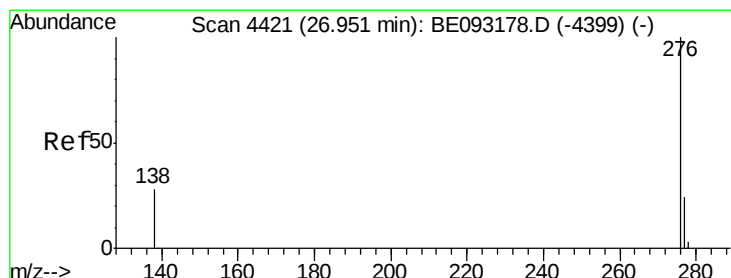
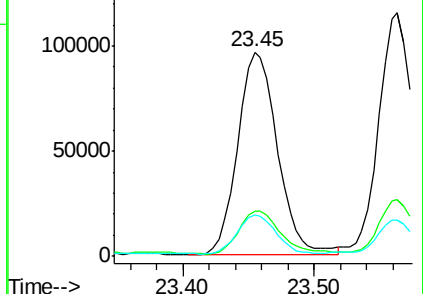
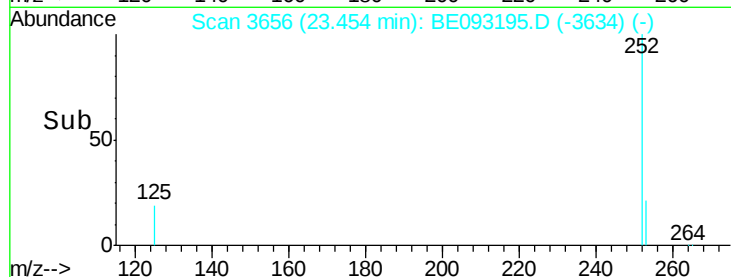
125 20.1 18.1 27.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. 0.01 min

Lab File: BE093195.D

Acq: 15 Jun 2017 6:48

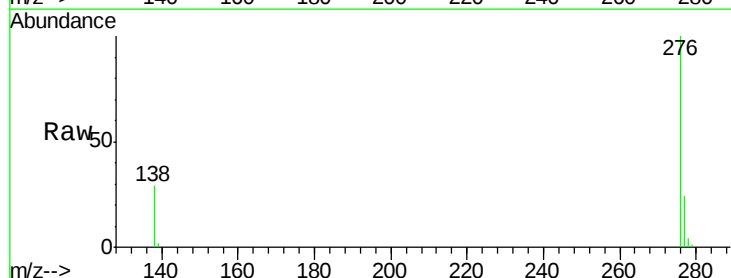
Tgt Ion: 276 Resp: 123245

Ion Ratio Lower Upper

276 100

138 29.5 21.8 32.8

277 24.4 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

