

Data File : BE093355.D
Acq On : 24 Jun 2017 10:56
Operator : SJ/JU
Sample : I3625-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06DL

Quant Time: Jun 26 01:13:44 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:13:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1406	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7323	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4398	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11010	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12371	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11418	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	465	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1251	0.04	ng/ul	0.00

Target Compounds						Qvalue
3) Naphthalene	10.56	128	411	0.02	ng/ul#	74
7) Acenaphthylene	14.08	152	3369	0.18	ng/ul	99
8) Acenaphthene	14.42	153	199	0.01	ng/ul#	92
9) Fluorene	15.41	166	232	0.01	ng/ul#	82
11) Pentachlorophenol	16.75	266	17	0.01	ng/ul#	64
12) Phenanthrene	17.13	178	2037	0.07	ng/ul#	92
13) Anthracene	17.13	178	2027	0.08	ng/ul	94
15) Fluoranthene	19.15	202	18433	0.50	ng/ul	84
17) Pyrene	19.51	202	29238	0.80	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	13779	0.42	ng/ul#	85
19) Chrysene	21.29	228	20032	0.59	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	52709	1.52	ng/ul	88
22) Benzo(k)fluoranthene	22.93	252	52709	1.43	ng/ul#	90
23) Benzo(a)pyrene	23.55	252	18123	0.55	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.18	276	12556	0.33	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	3354	0.10	ng/ul#	82
26) Benzo(g,h,i)perylene	26.95	276	9259	0.28	ng/ul	95

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

Data File : BE093355.D

Acq On : 24 Jun 2017 10:56

Operator : SJ/JU

Sample : I3625-06DL 5X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06DL

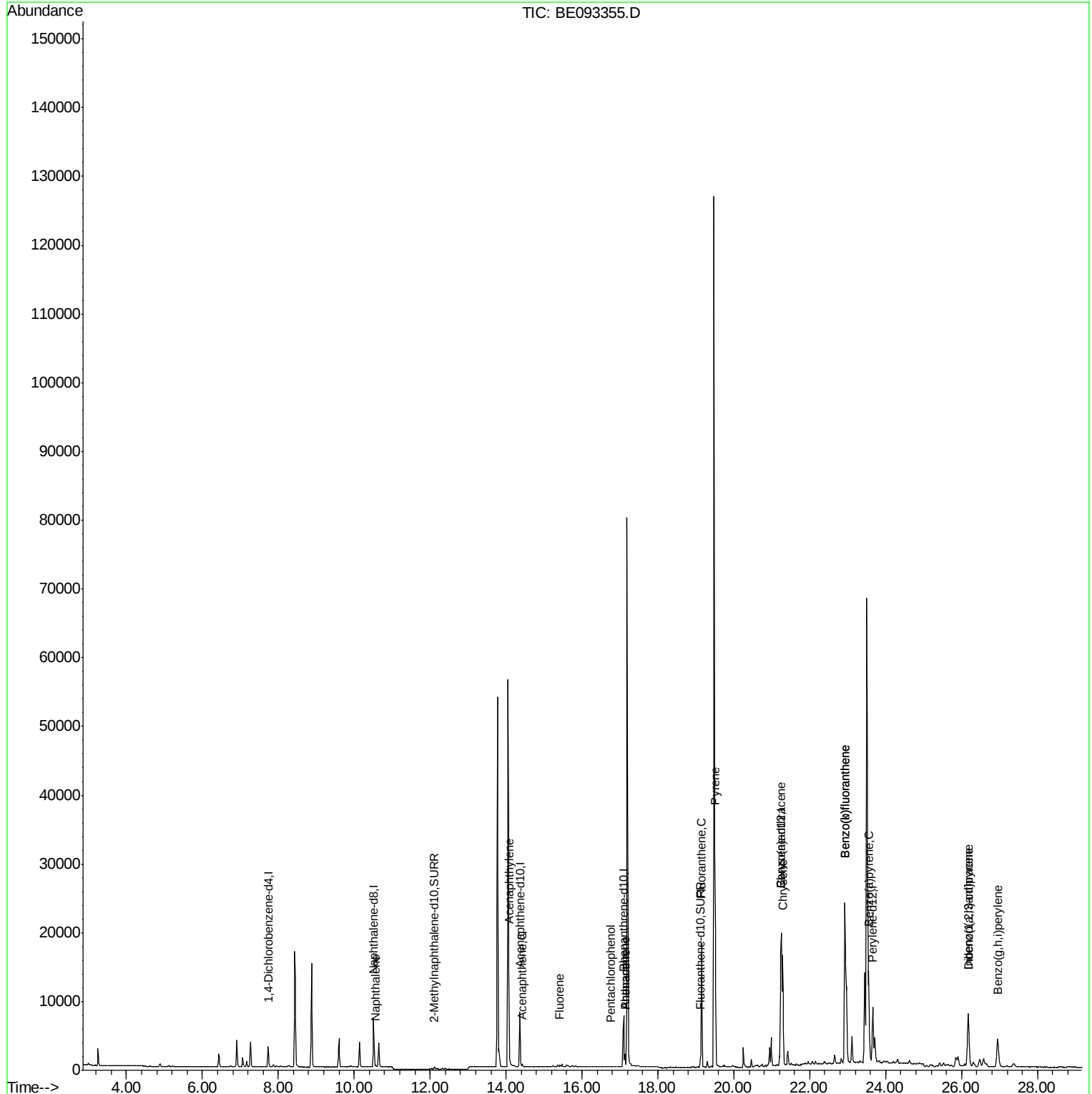
Quant Time: Jun 26 01:13:44 2017

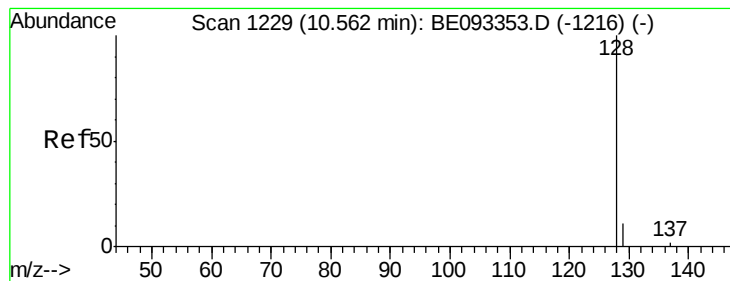
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:13:30 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

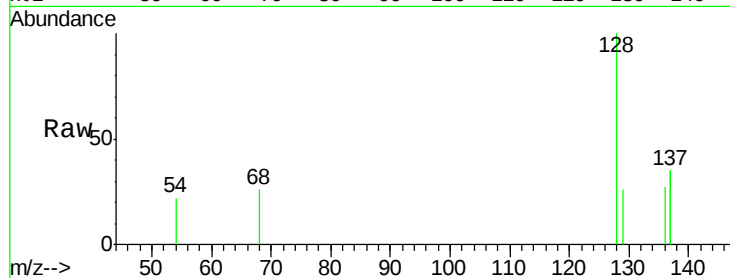
Tgt Ion:128 Resp: 411

Ion Ratio Lower Upper

128 100

129 26.3 11.3 16.9#

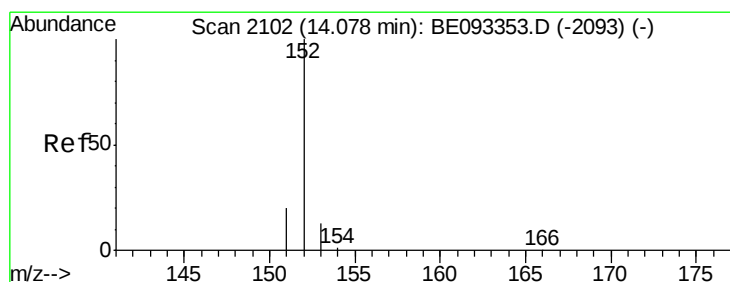
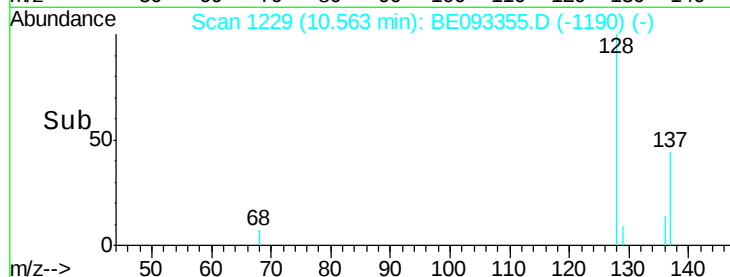
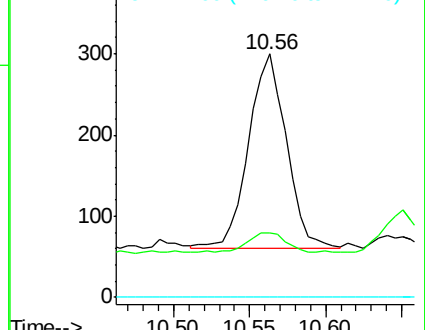
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.18 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

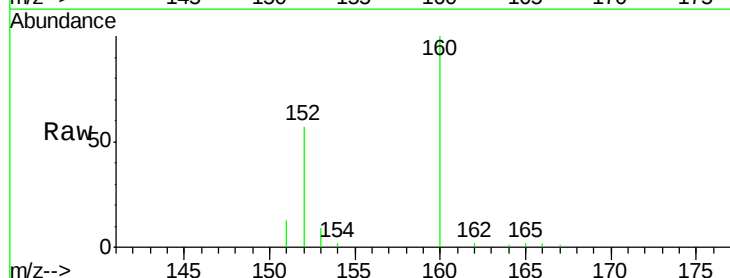
Tgt Ion:152 Resp: 3369

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

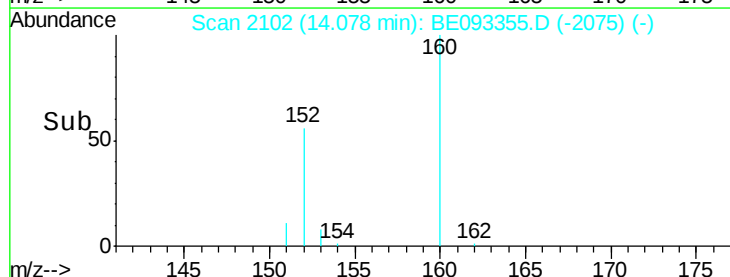
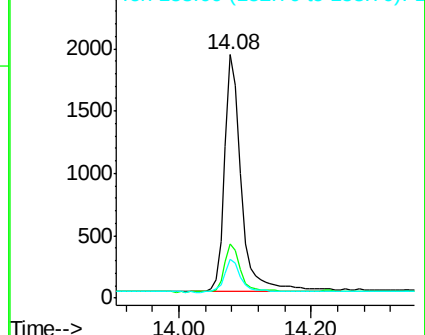
153 15.9 12.8 19.2

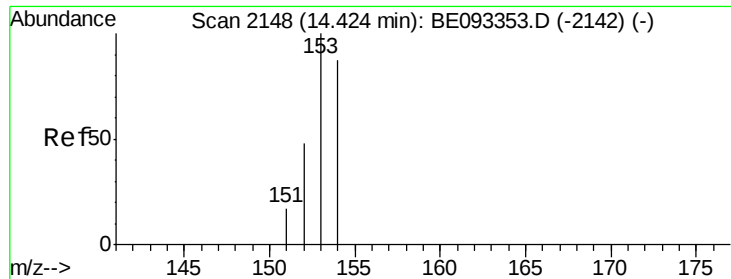


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.01 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

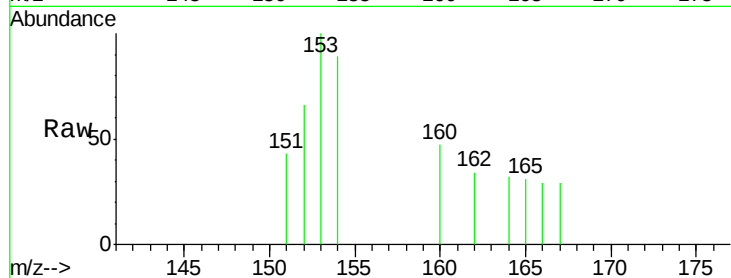
Tgt Ion:153 Resp: 199

Ion Ratio Lower Upper

153 100

152 65.7 40.3 60.5#

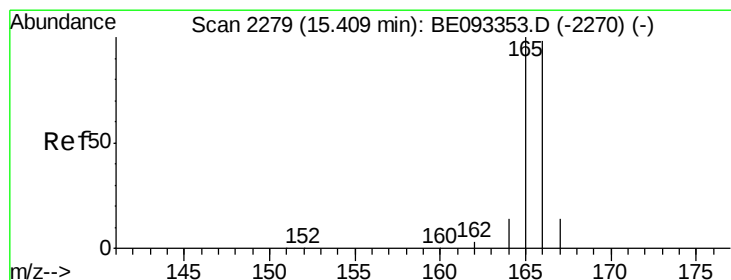
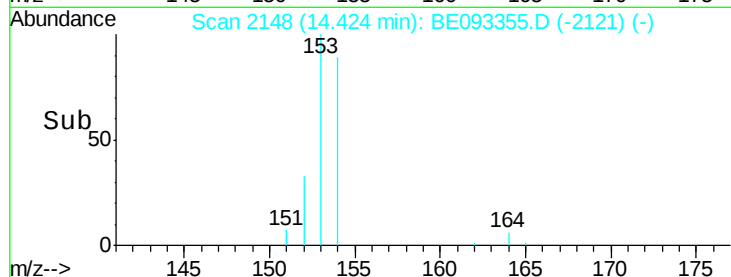
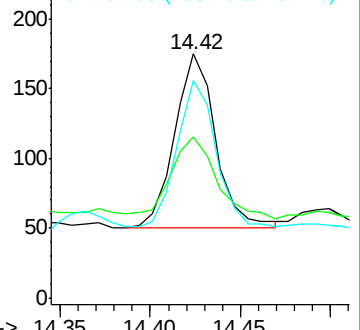
154 89.1 71.4 107.2



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: 0.01 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

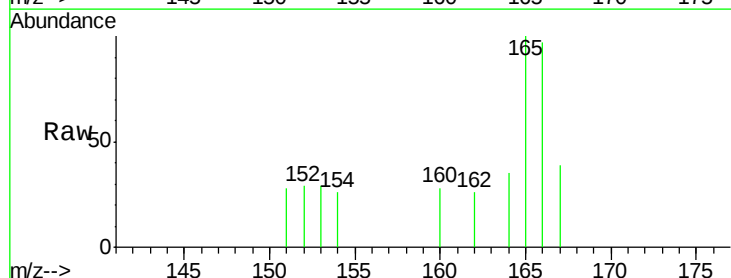
Tgt Ion:166 Resp: 232

Ion Ratio Lower Upper

166 100

165 103.2 73.4 110.2

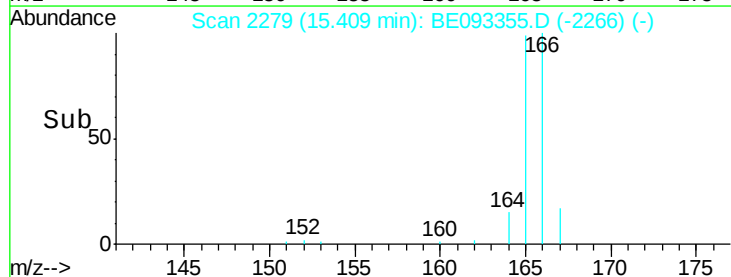
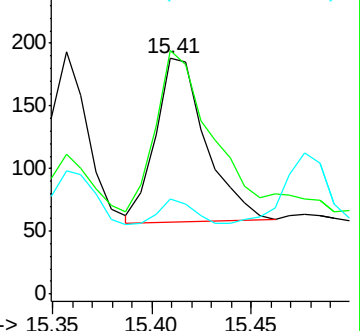
167 40.4 14.6 22.0#

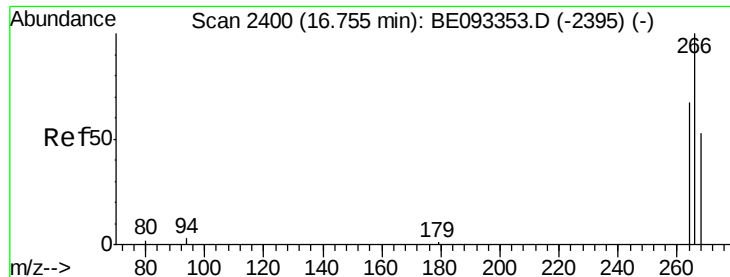


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

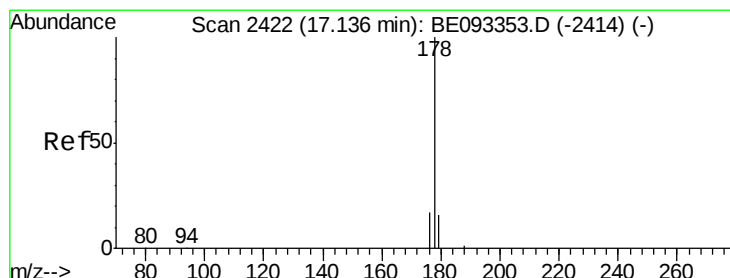
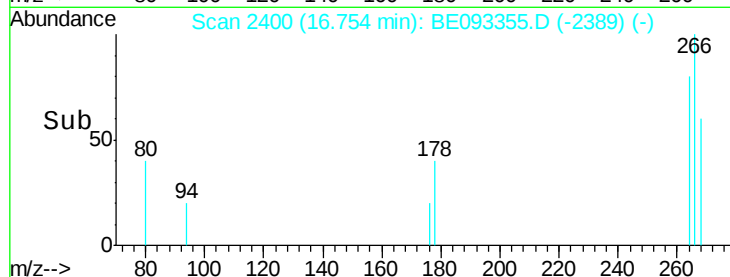
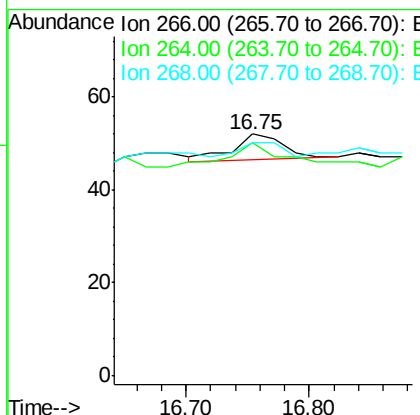
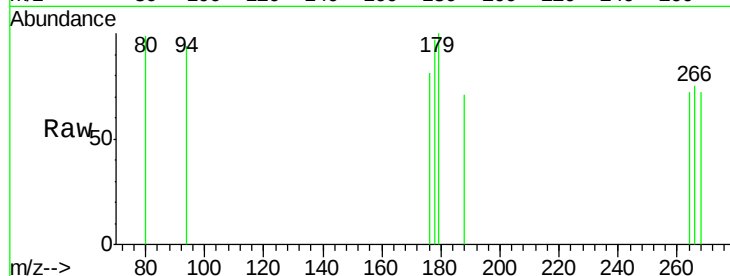




#11
 Pentachlorophenol
 Concen: 0.01 ng/ul
 RT: 16.75 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BE093355.D
 Acq: 24 Jun 2017 10:56

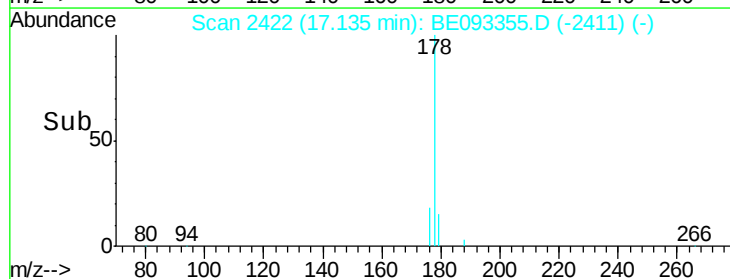
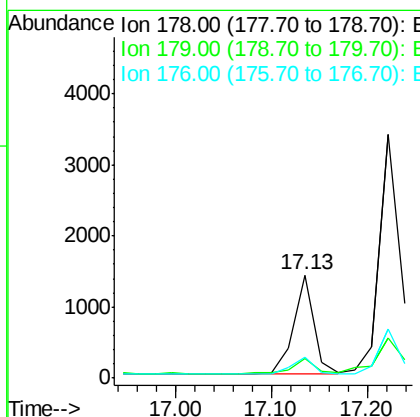
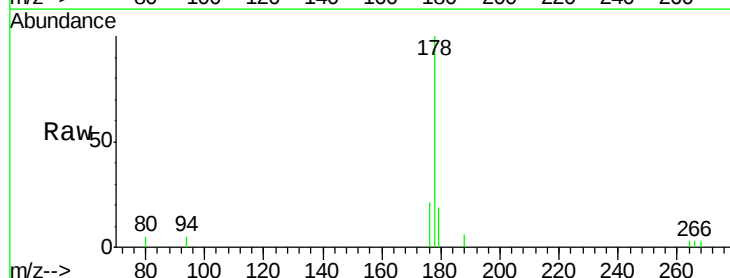
Instrument :
 BNA_E
 ClientSampleId :
 F5B06DL

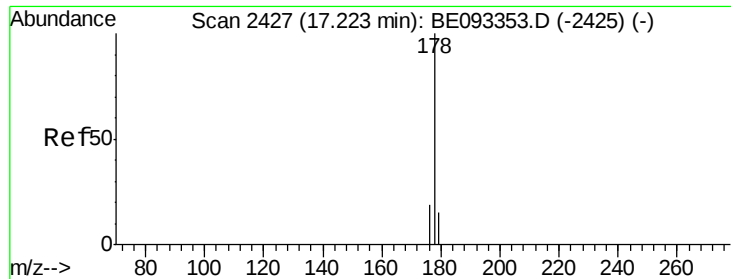
Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 100.0 47.9 71.9#
 268 47.1 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.07 ng/ul
 RT: 17.13 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093355.D
 Acq: 24 Jun 2017 10:56

Tgt Ion: 178 Resp: 2037
 Ion Ratio Lower Upper
 178 100
 179 19.3 18.4 27.6
 176 20.9 13.6 20.4#





#13

Anthracene

Concen: 0.08 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

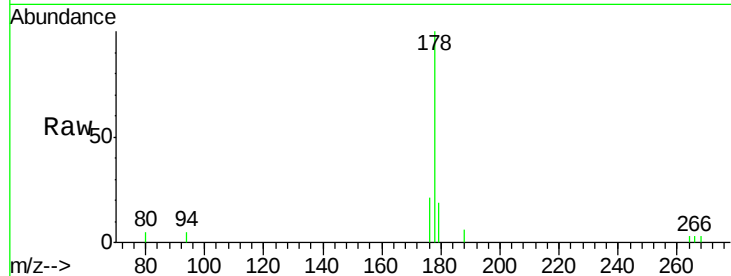
Tgt Ion:178 Resp: 2027

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

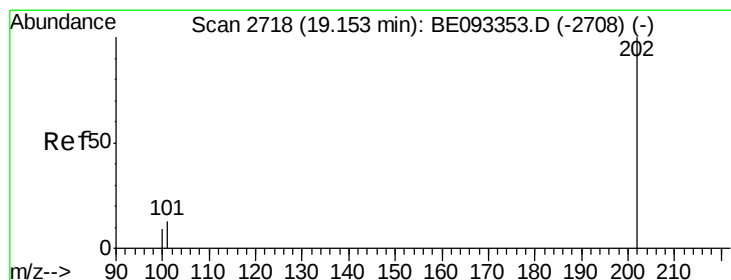
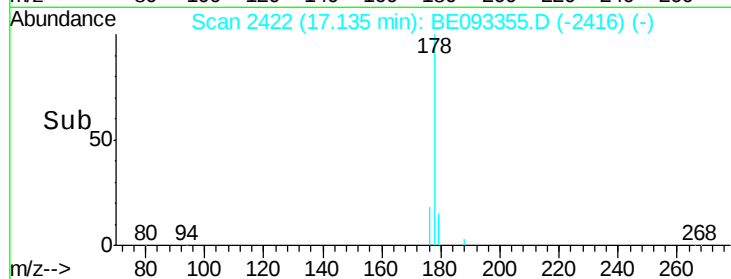
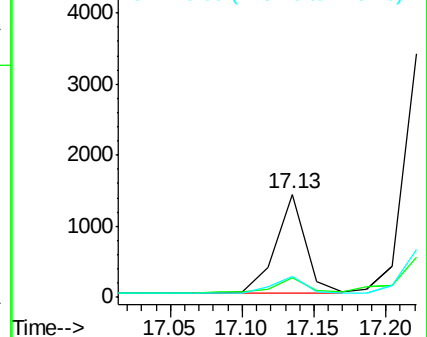
176 20.9 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.50 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

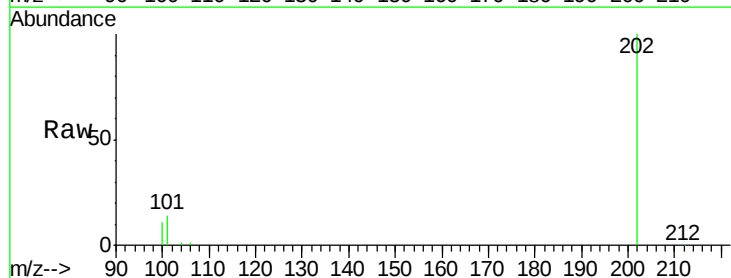
Tgt Ion:202 Resp: 18433

Ion Ratio Lower Upper

202 100

101 13.9 0.0 30.3

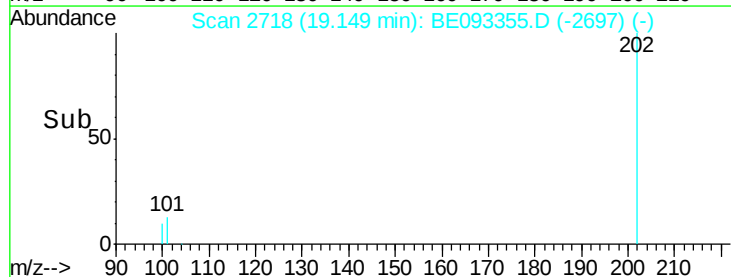
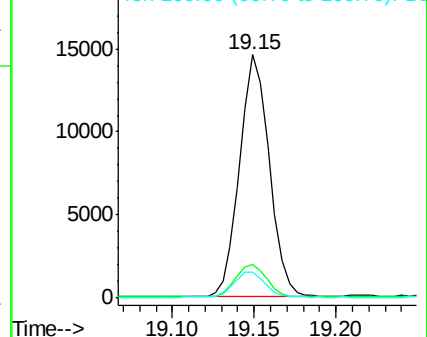
100 10.5 0.0 39.5

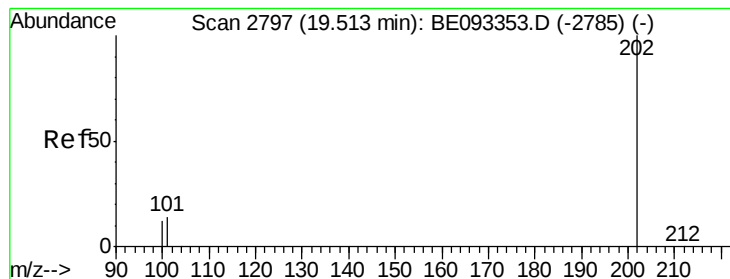


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 0.80 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

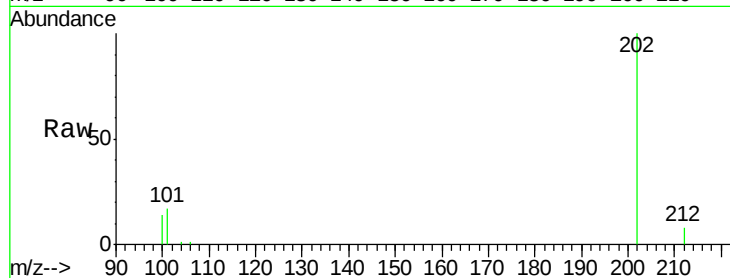
Tgt Ion:202 Resp: 29238

Ion Ratio Lower Upper

202 100

101 17.1 18.2 27.4#

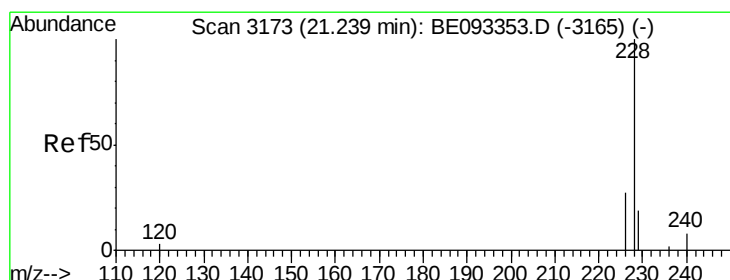
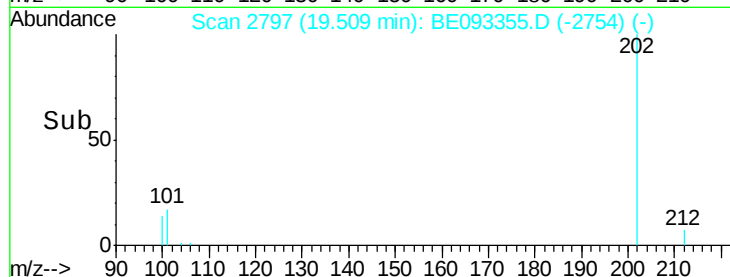
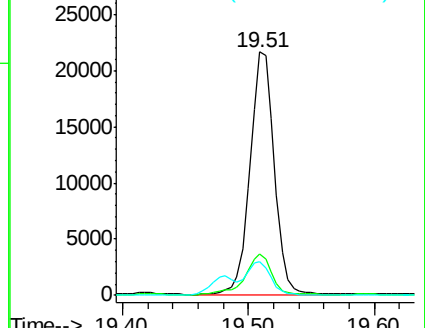
100 14.0 15.6 23.4#



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: 0.42 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

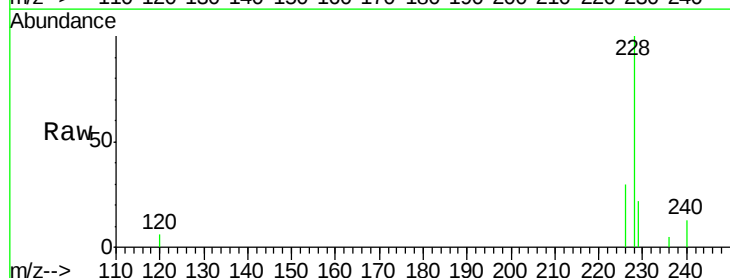
Tgt Ion:228 Resp: 13779

Ion Ratio Lower Upper

228 100

229 22.2 22.8 34.2#

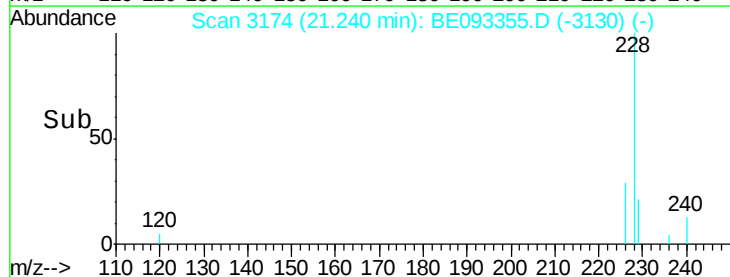
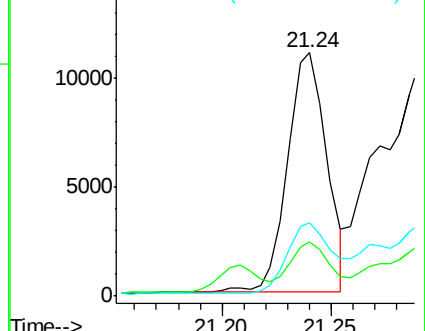
226 29.9 17.0 25.6#

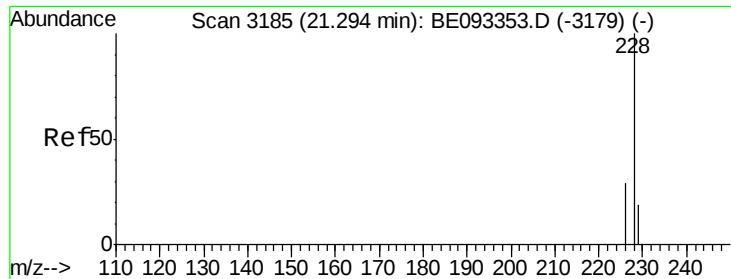


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.59 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

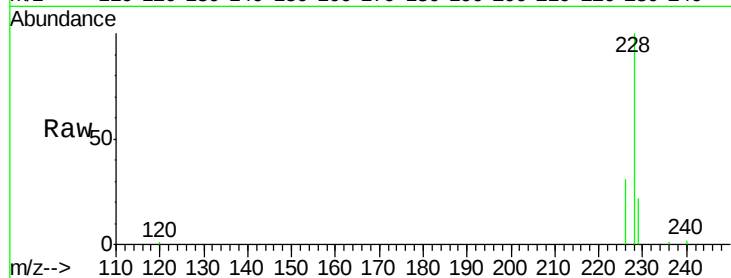
Tgt Ion:228 Resp: 20032

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

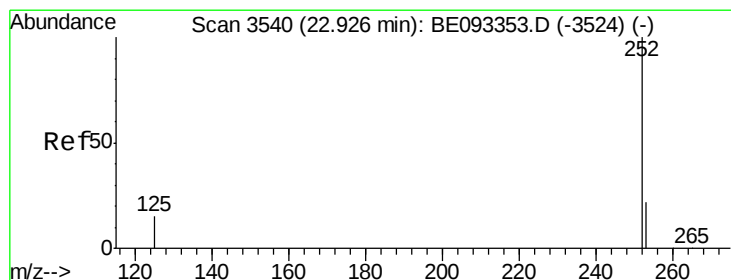
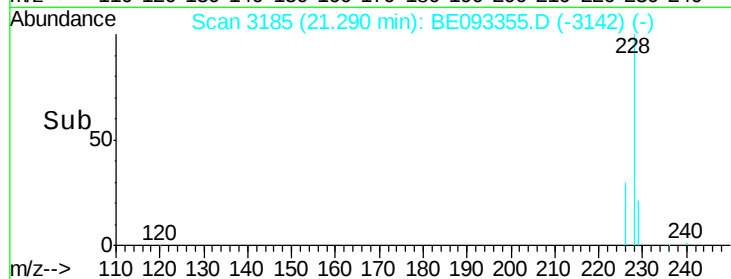
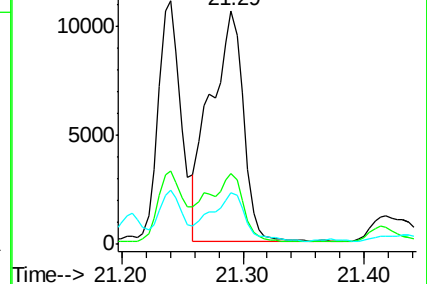
229 22.3 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 1.52 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

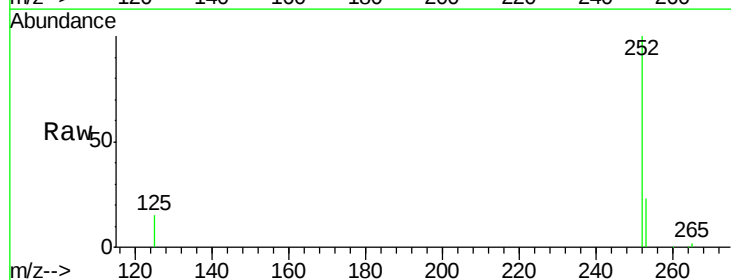
Tgt Ion:252 Resp: 52709

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

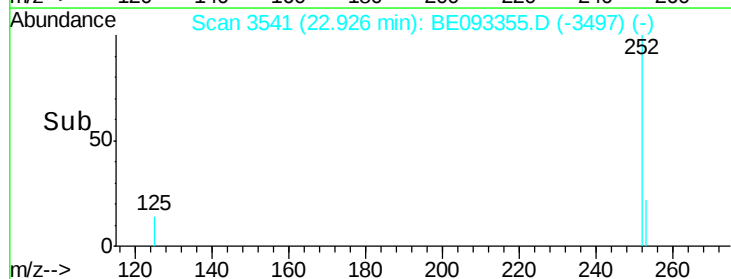
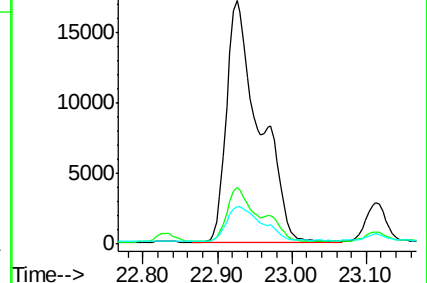
125 15.4 0.0 35.0

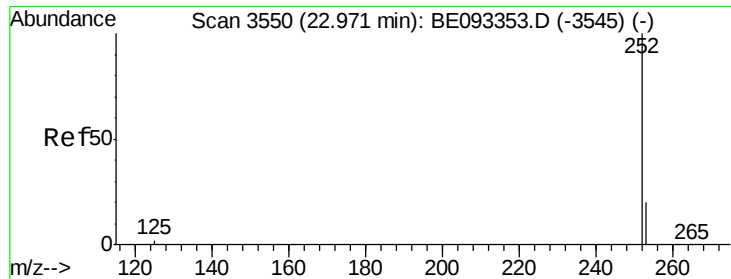


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.43 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

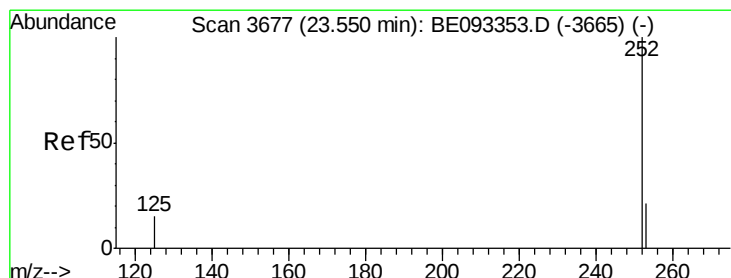
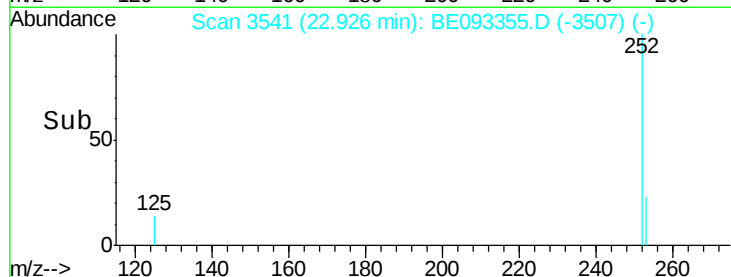
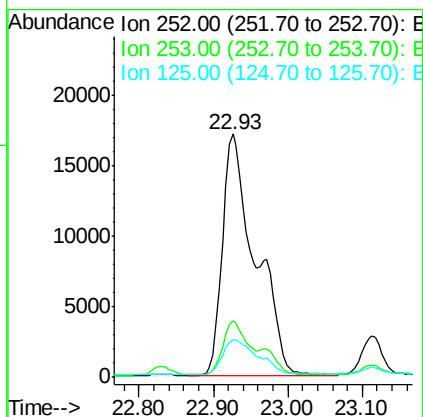
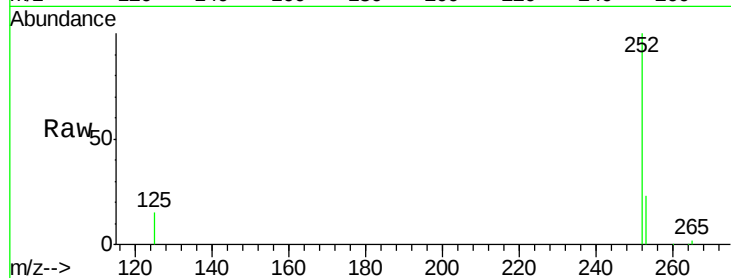
Tgt Ion:252 Resp: 52709

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

125 15.4 13.7 20.5



#23

Benzo(a)pyrene

Concen: 0.55 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

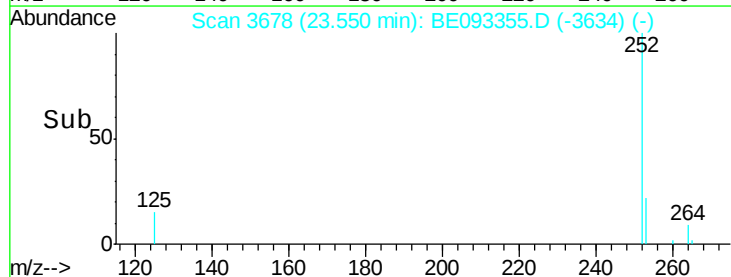
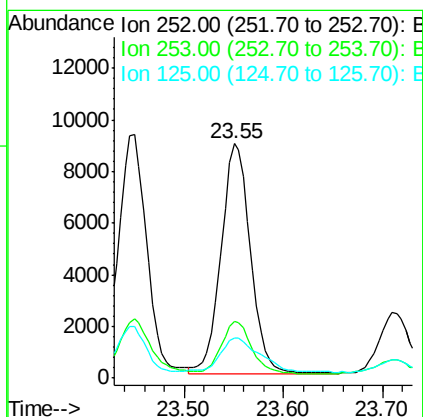
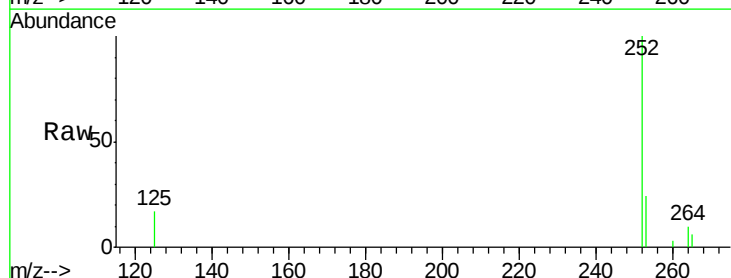
Tgt Ion:252 Resp: 18123

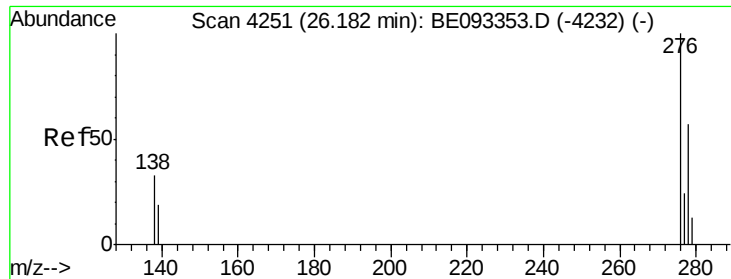
Ion Ratio Lower Upper

252 100

253 24.1 28.5 42.7#

125 17.2 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.33 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.01 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

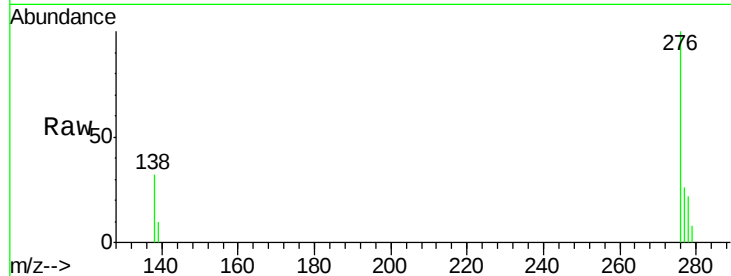
Tgt Ion:276 Resp: 12556

Ion Ratio Lower Upper

276 100

138 30.4 28.0 42.0

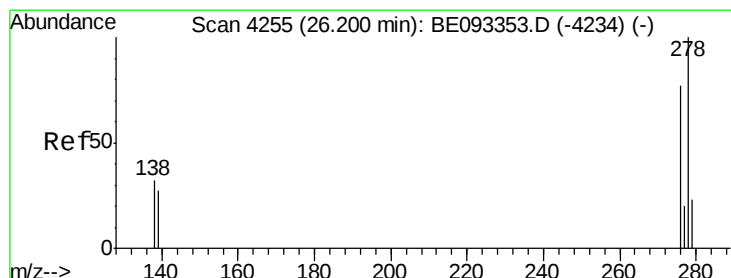
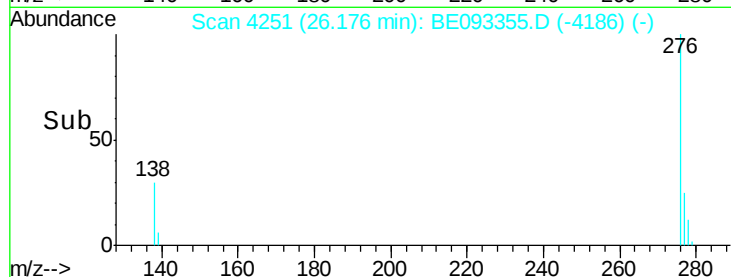
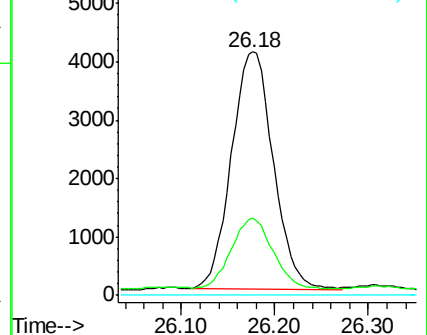
227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.10 ng/ul

RT: 26.19 min Scan# 4253

Delta R.T. -0.02 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

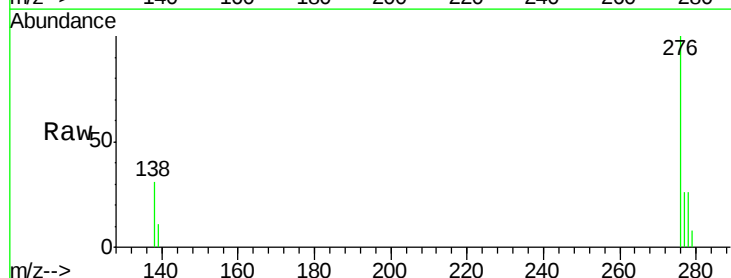
Tgt Ion:278 Resp: 3354

Ion Ratio Lower Upper

278 100

139 42.4 17.4 26.0#

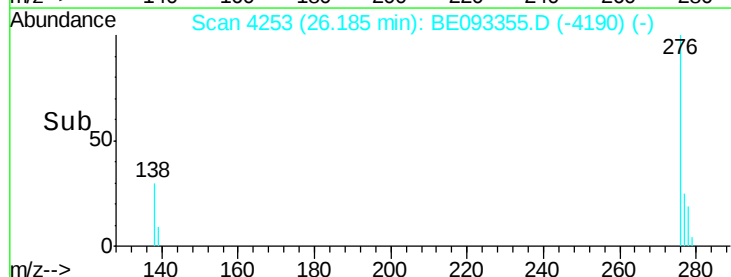
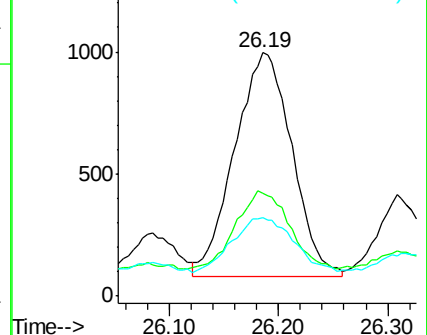
279 32.3 25.9 38.9

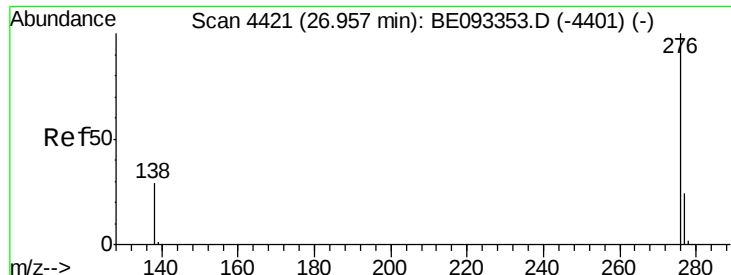


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.28 ng/ul

RT: 26.95 min Scan# 4421

Delta R.T. -0.01 min

Lab File: BE093355.D

Acq: 24 Jun 2017 10:56

Instrument :

BNA_E

ClientSampleId :

F5B06DL

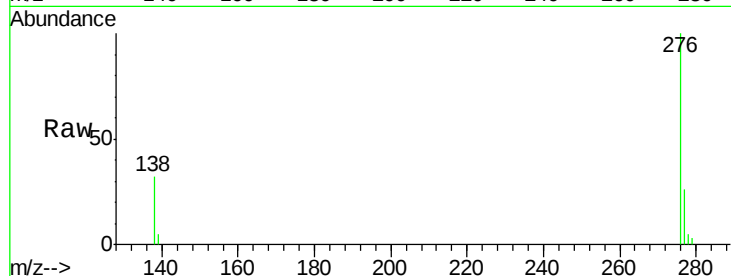
Tgt Ion: 276 Resp: 9259

Ion Ratio Lower Upper

276 100

138 32.4 21.8 32.8

277 25.8 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

