

Data File : BE093360.D
Acq On : 24 Jun 2017 14:01
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5D03

Quant Time: Jun 26 01:14:38 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	1386	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4645	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11462	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11999	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	1114379	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	3443	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13796	0.44	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	6633	0.37	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1742	0.14	ng/ul	99
7) Acenaphthylene	14.08	152	15600	0.78	ng/ul	97
8) Acenaphthene	14.42	153	4811	0.30	ng/ul	99
9) Fluorene	15.41	166	6463	0.34	ng/ul	91
12) Phenanthrene	17.13	178	149643	4.74	ng/ul#	89
13) Anthracene	17.22	178	41086	1.50	ng/ul#	90
15) Fluoranthene	19.15	202	392806	10.16	ng/ul	84
17) Pyrene	19.51	202	396016	11.19	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	239478	7.48	ng/ul#	85
19) Chrysene	21.29	228	251785	7.58	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	353495	0.10	ng/ul	87
22) Benzo(k)fluoranthene	22.93	252	461436	0.13	ng/ul#	89
23) Benzo(a)pyrene	23.45	252	168976	0.05	ng/ul#	85
26) Benzo(g,h,i)perylene	26.96	276	101395	0.03	ng/ul	96

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

Data File : BE093360.D

Acq On : 24 Jun 2017 14:01

Operator : SJ/JU

Sample : I3625-09

Misc :

ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D03

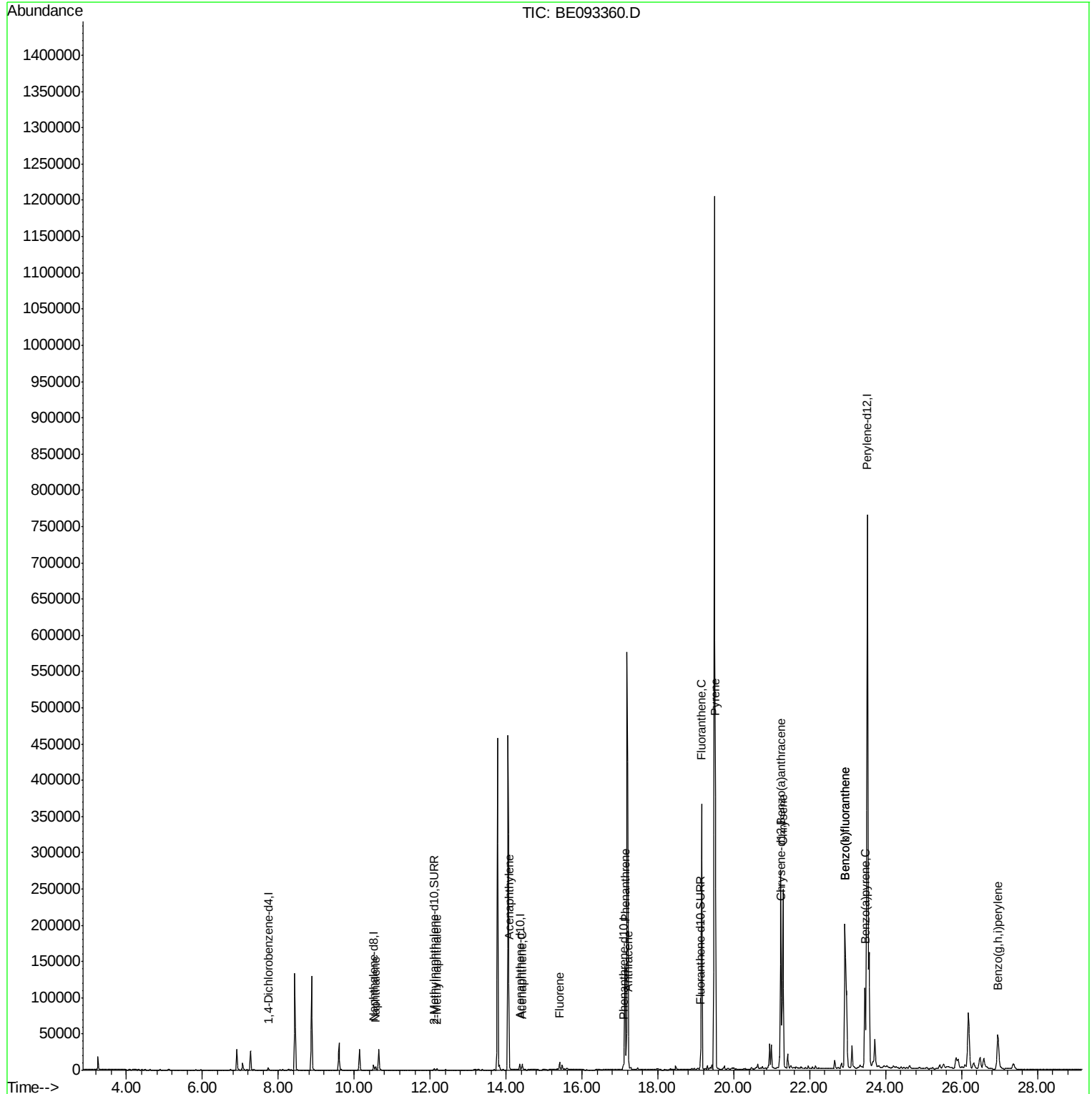
Quant Time: Jun 26 01:14:38 2017

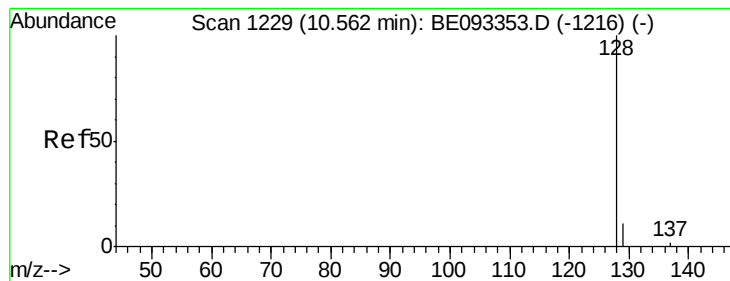
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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: 0.37 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

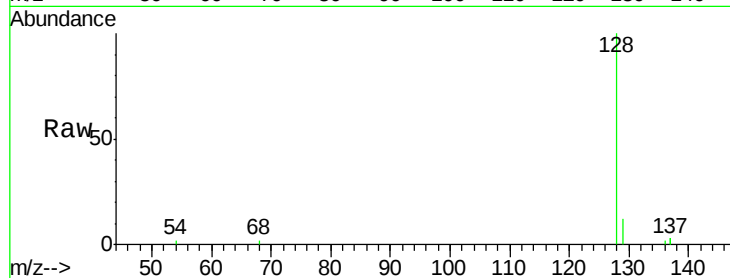
Tgt Ion:128 Resp: 6633

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

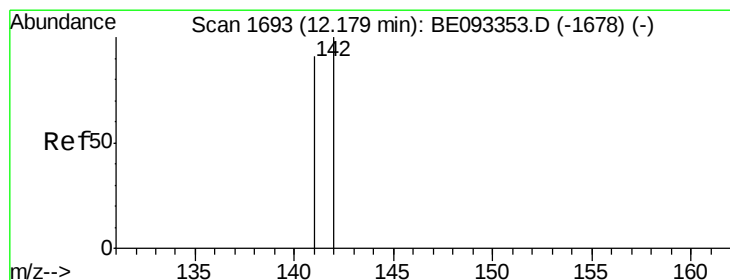
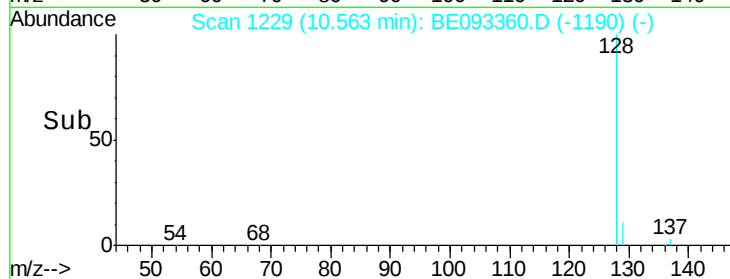
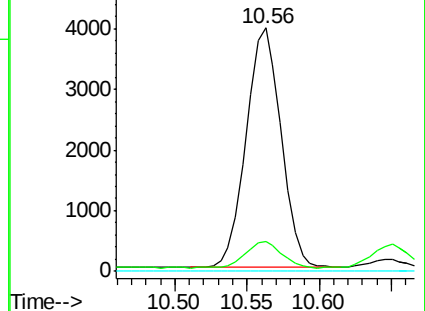
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.14 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093360.D

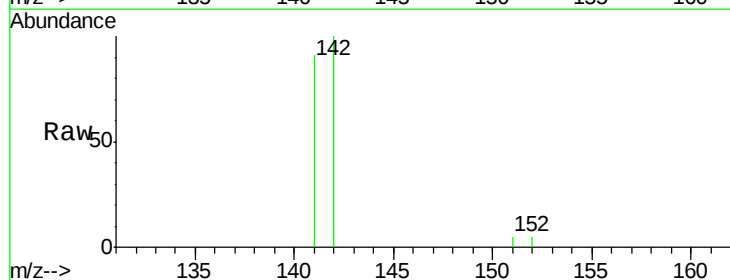
Acq: 24 Jun 2017 14:01

Tgt Ion:142 Resp: 1742

Ion Ratio Lower Upper

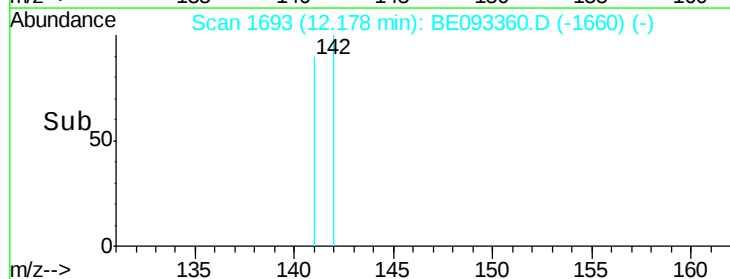
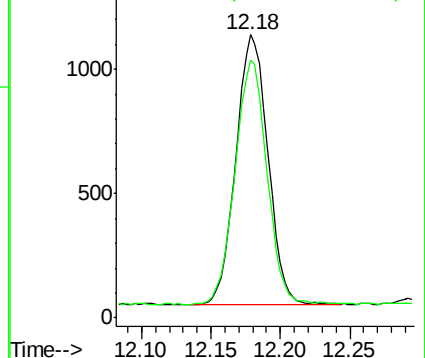
142 100

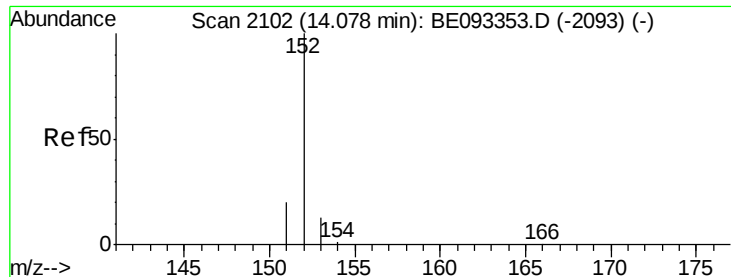
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.78 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

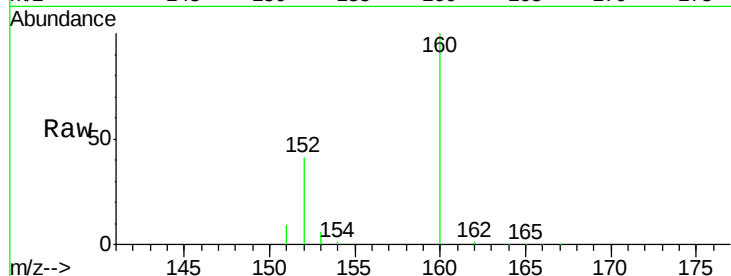
Tgt Ion:152 Resp: 15600

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

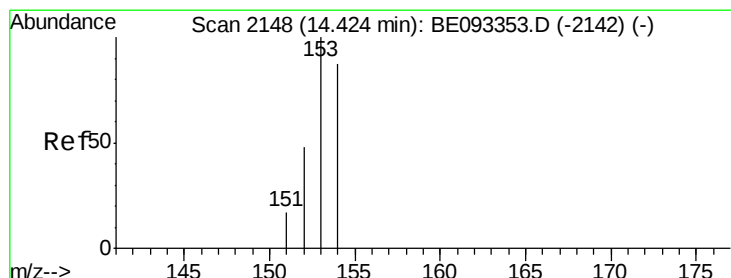
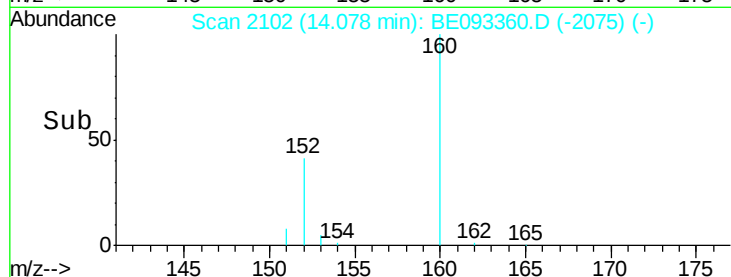
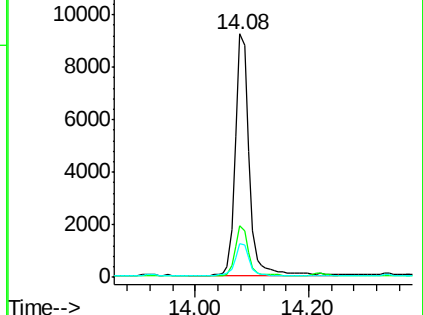
153 13.8 12.8 19.2



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: 0.30 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

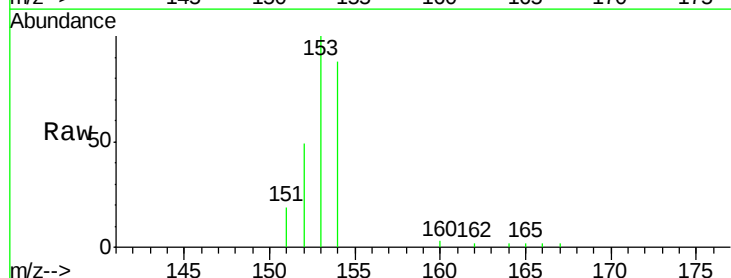
Tgt Ion:153 Resp: 4811

Ion Ratio Lower Upper

153 100

152 49.4 40.3 60.5

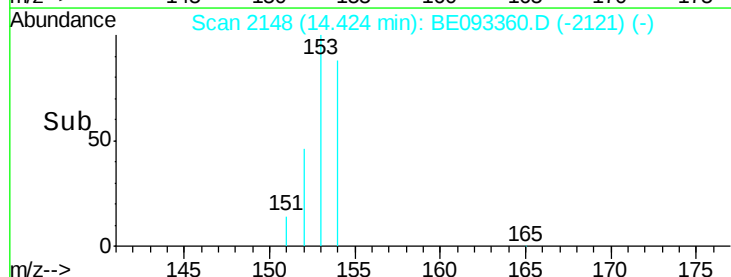
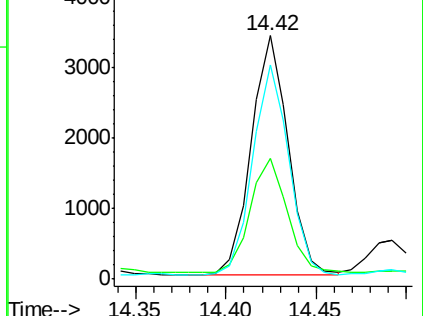
154 88.0 71.4 107.2

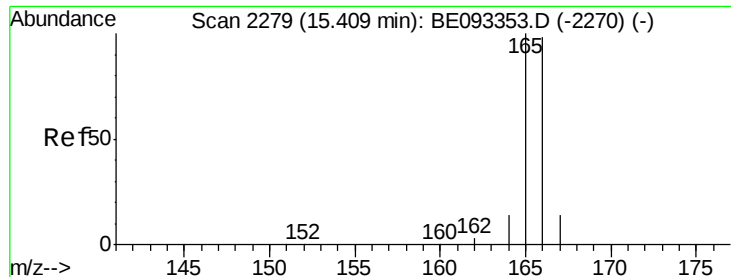


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.34 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

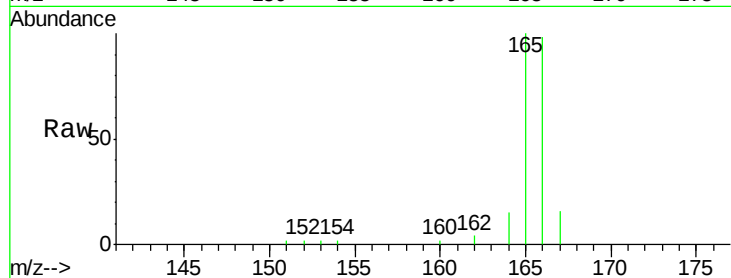
Tgt Ion:166 Resp: 6463

Ion Ratio Lower Upper

166 100

165 101.6 73.4 110.2

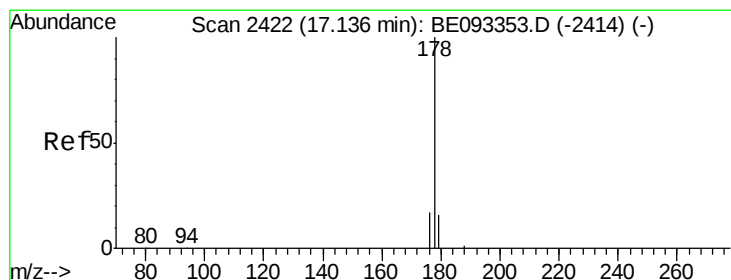
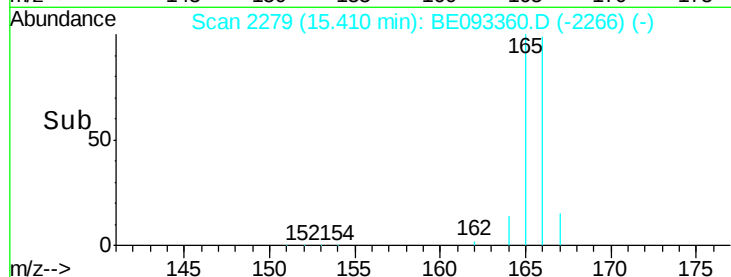
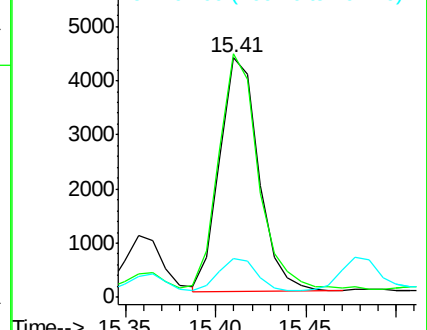
167 16.3 14.6 22.0



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



#12

Phenanthrene

Concen: 4.74 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

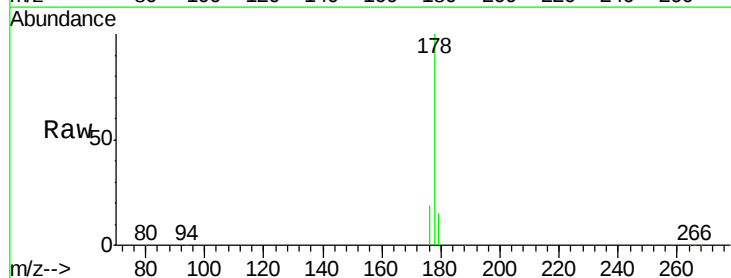
Tgt Ion:178 Resp: 149643

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

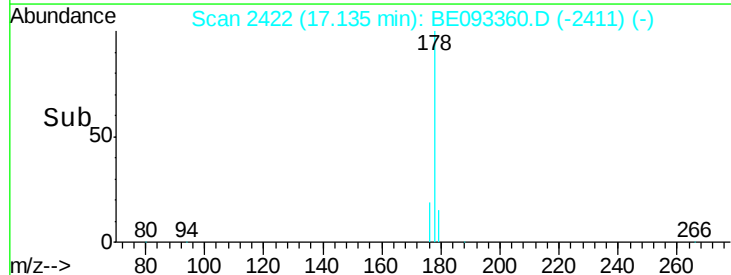
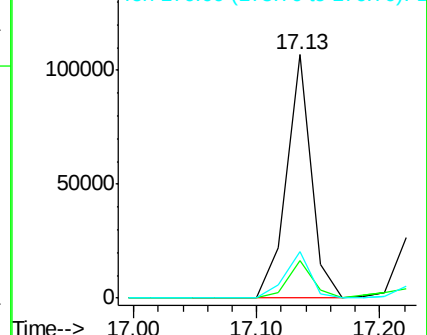
176 19.0 13.6 20.4

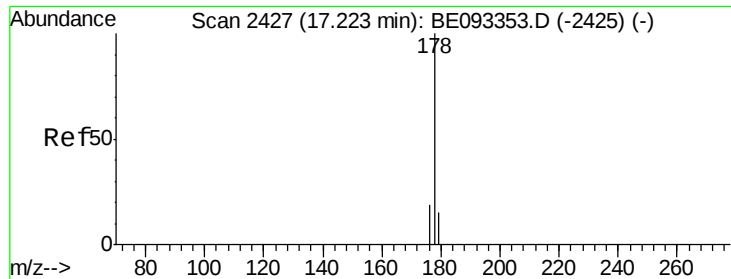


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 1.50 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

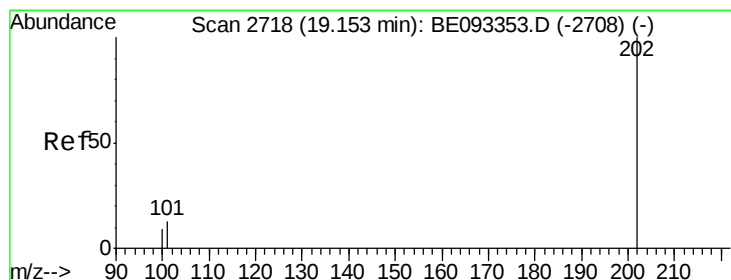
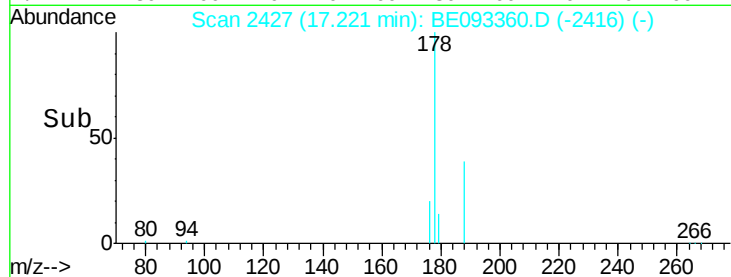
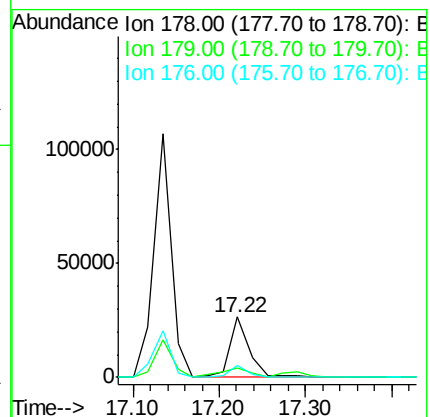
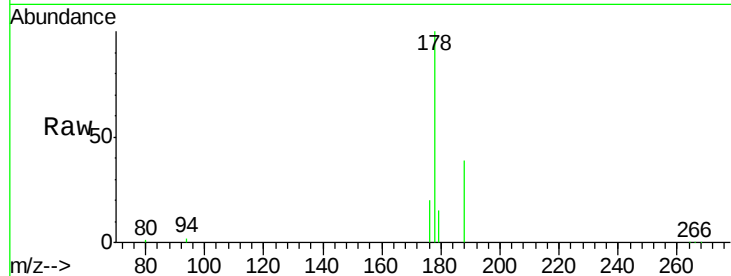
Tgt Ion:178 Resp: 41086

Ion Ratio Lower Upper

178 100

179 14.7 18.1 27.1#

176 19.8 14.7 22.1



#15

Fluoranthene

Concen: 10.16 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

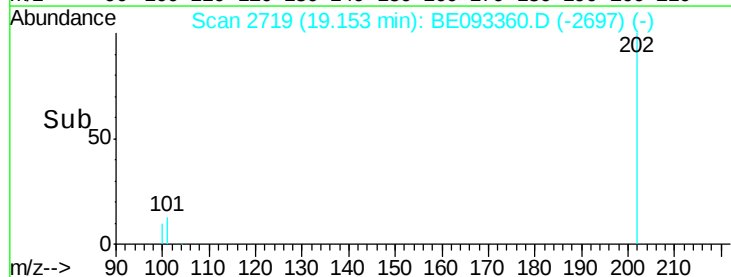
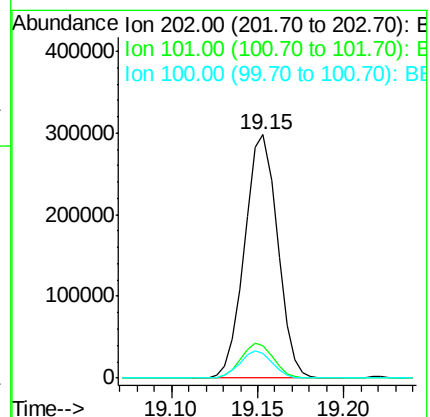
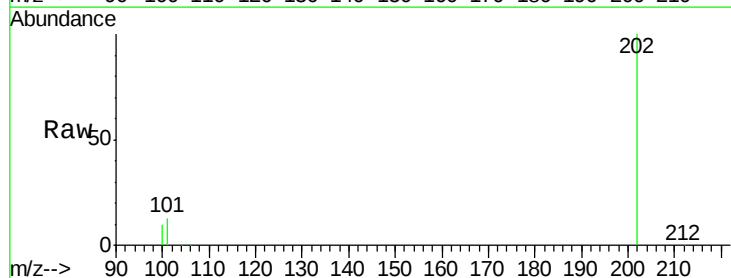
Tgt Ion:202 Resp: 392806

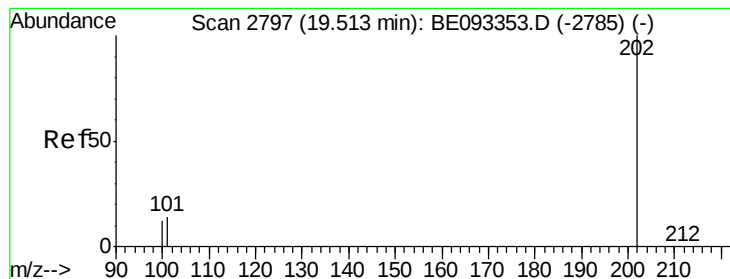
Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.3

100 9.9 0.0 39.5





#17

Pyrene

Concen: 11.19 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

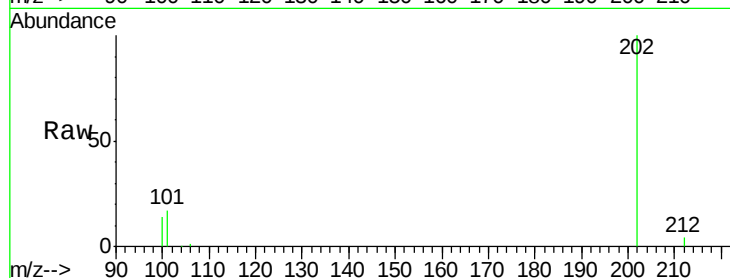
Tgt Ion:202 Resp: 396016

Ion Ratio Lower Upper

202 100

101 16.9 18.2 27.4#

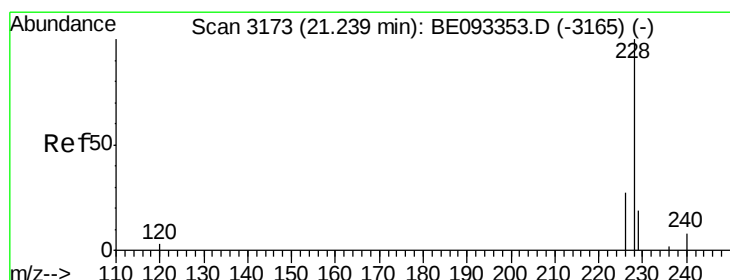
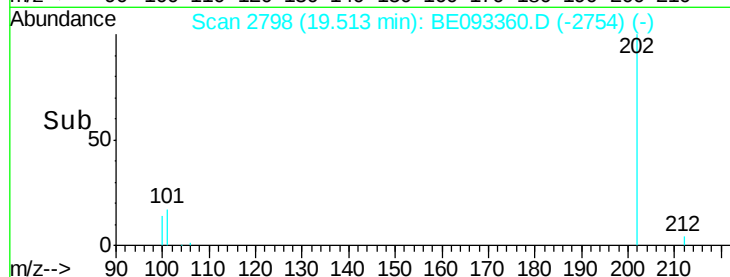
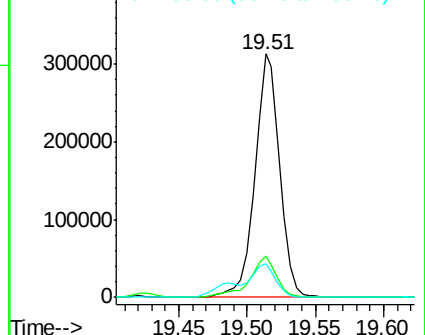
100 14.0 15.6 23.4#



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: 7.48 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

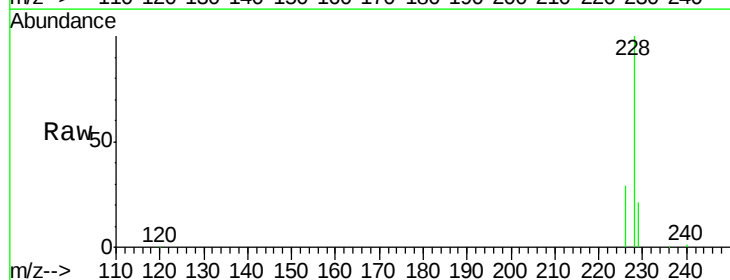
Tgt Ion:228 Resp: 239478

Ion Ratio Lower Upper

228 100

229 20.8 22.8 34.2#

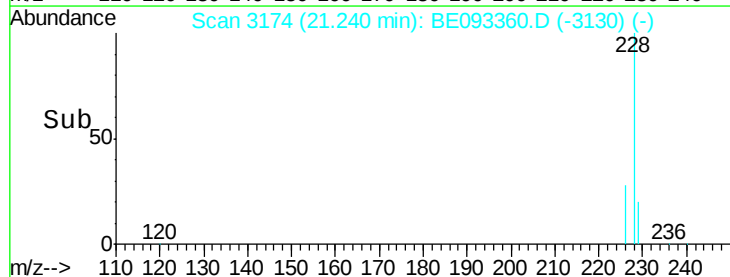
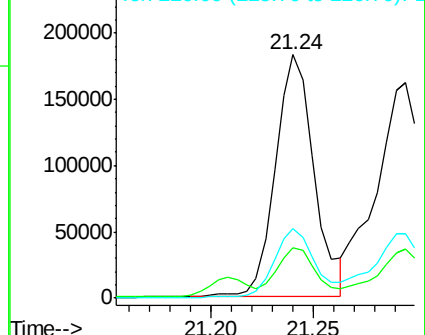
226 28.6 17.0 25.6#

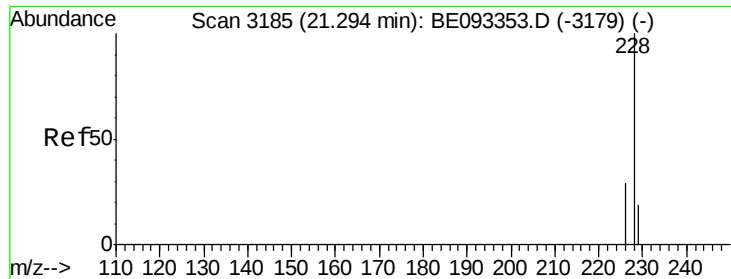


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 7.58 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

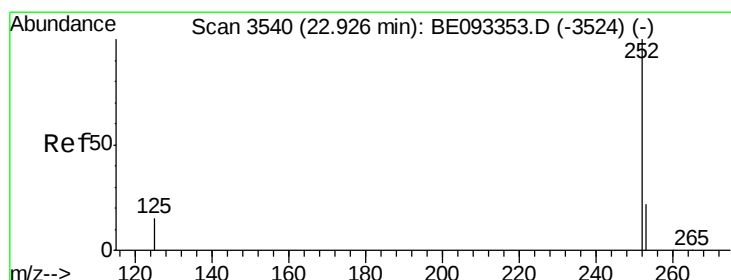
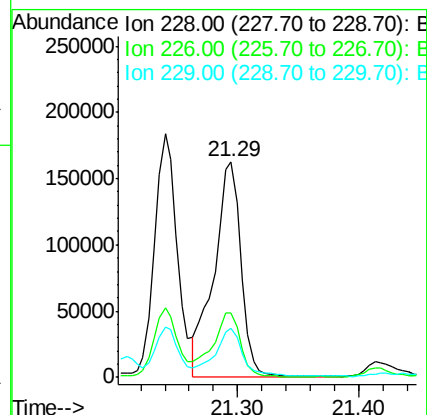
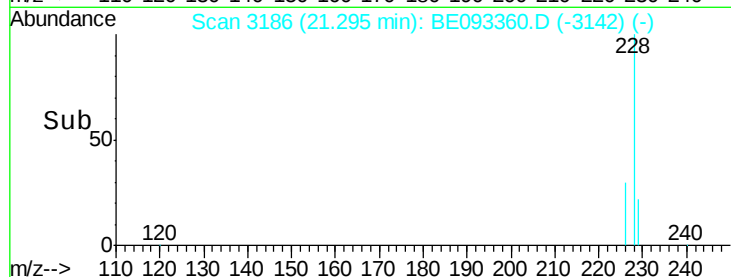
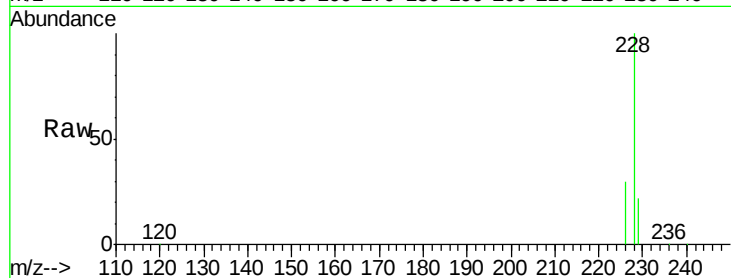
Tgt Ion:228 Resp: 251785

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 22.5 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

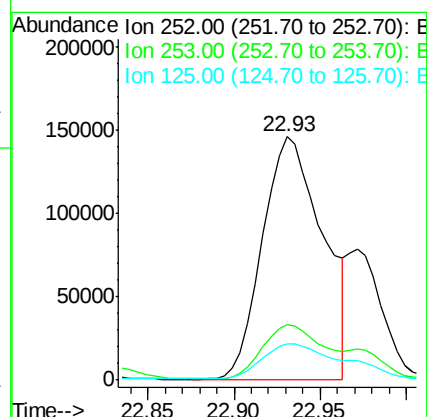
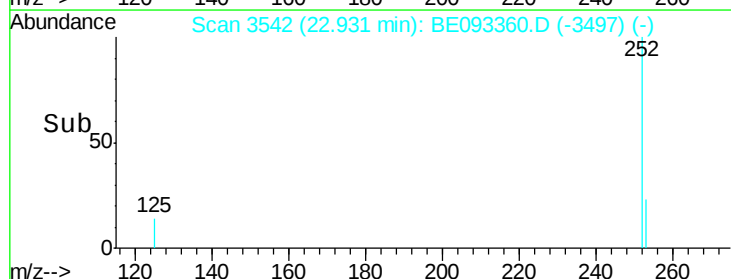
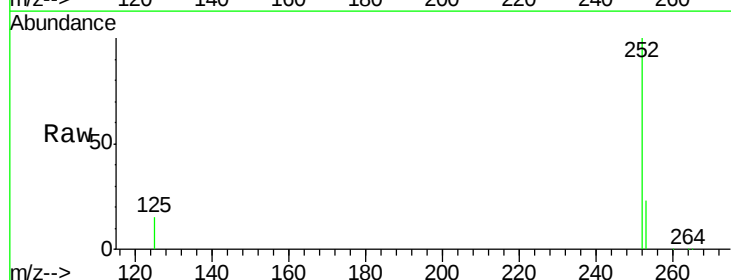
Tgt Ion:252 Resp: 353495

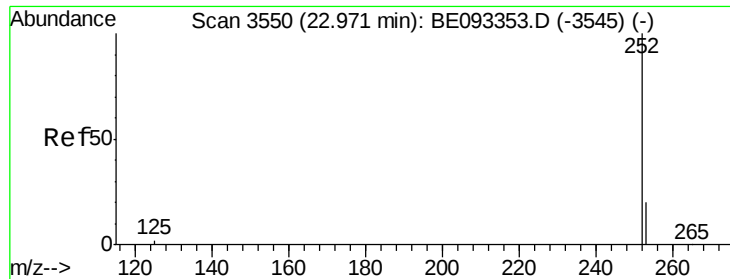
Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

125 14.9 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.13 ng/u1

RT: 22.93 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03

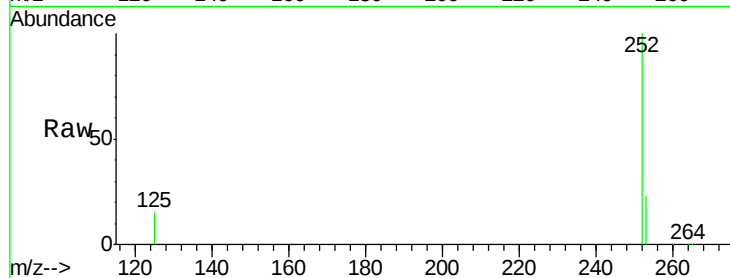
Tgt Ion:252 Resp: 461436

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

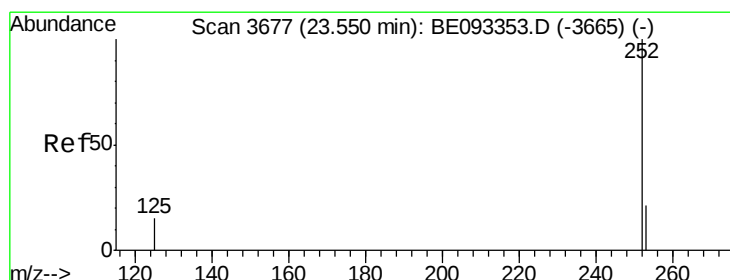
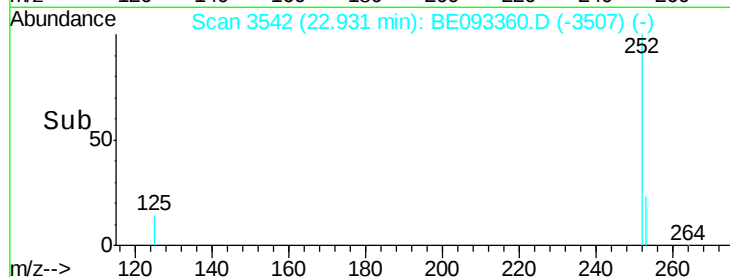
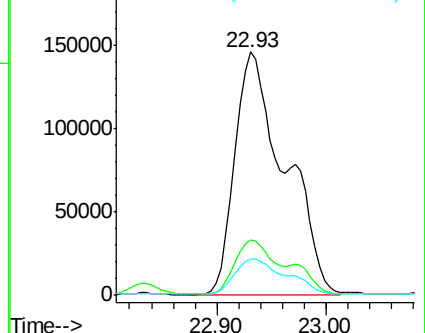
125 14.9 13.7 20.5



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/u1

RT: 23.45 min Scan# 3657

Delta R.T. -0.10 min

Lab File: BE093360.D

Acq: 24 Jun 2017 14:01

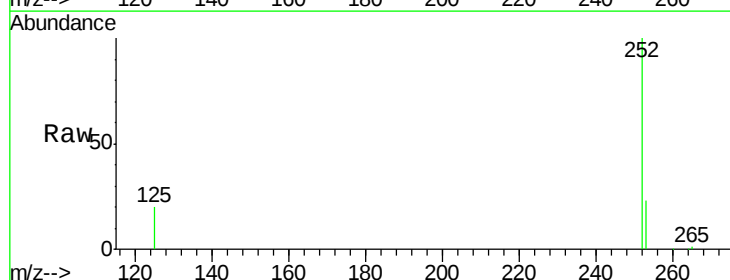
Tgt Ion:252 Resp: 168976

Ion Ratio Lower Upper

252 100

253 23.3 28.5 42.7#

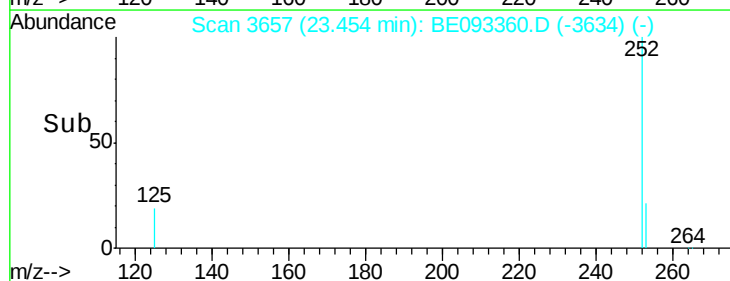
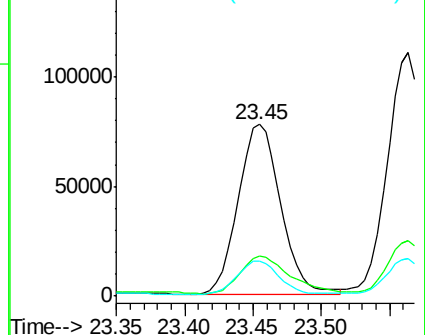
125 20.5 18.1 27.1

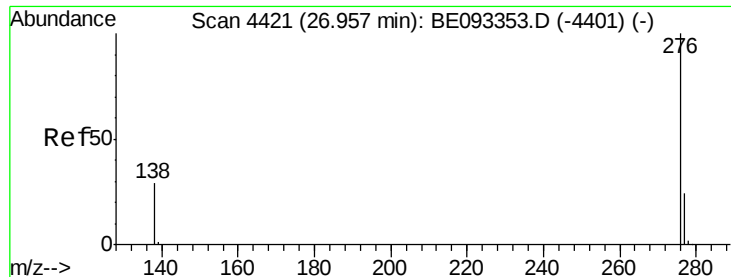


Abundance Ion 252.00 (251.70 to 252.70): E

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# 4422

Delta R.T. -0.00 min

Lab File: BE093360.D

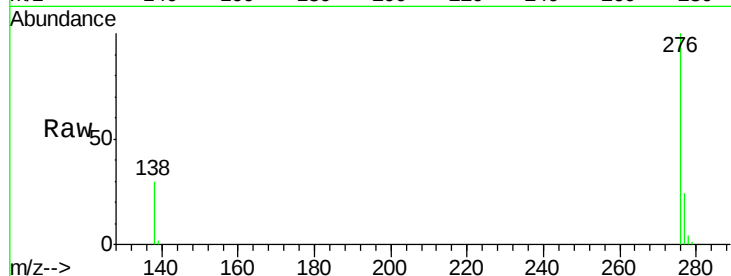
Acq: 24 Jun 2017 14:01

Instrument :

BNA_E

ClientSampleId :

F5D03



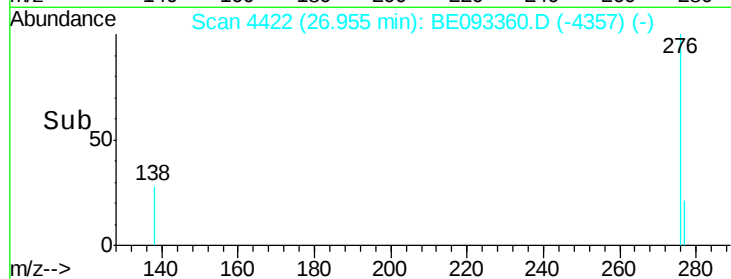
Tgt Ion: 276 Resp: 101395

Ion Ratio Lower Upper

276 100

138 29.9 21.8 32.8

277 24.3 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

