

Data File : BE093175.D
Acq On : 14 Jun 2017 18:31
Operator : SJ/MA
Sample : I3522-14DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C35DL

Quant Time: Jun 15 02:28:36 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	7.75	152	4117	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20592	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	13305	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	34107	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	31735	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	30584	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	2299	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	6770	0.07	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	100392	1.96	ng/ul#	91
5) 2-Methylnaphthalene	12.19	142	15666	0.45	ng/ul	98
7) Acenaphthylene	14.09	152	985	0.02	ng/ul#	52
8) Acenaphthene	14.43	153	17835	0.39	ng/ul	98
9) Fluorene	15.42	166	29833	0.55	ng/ul	90
11) Pentachlorophenol	16.75	266	132	0.03	ng/ul#	70
12) Phenanthrene	17.14	178	137359	1.46	ng/ul#	85
13) Anthracene	17.22	178	17613	0.22	ng/ul#	76
15) Fluoranthene	19.16	202	39437	0.34	ng/ul	83
17) Pyrene	19.52	202	27015	0.29	ng/ul#	84
18) Benzo(a)anthracene	21.25	228	3528	0.04	ng/ul#	1
19) Chrysene	21.30	228	2116	0.02	ng/ul#	1
21) Benzo(b)fluoranthene	22.94	252	2535	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	22.94	252	2315	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.56	252	1143	0.01	ng/ul#	1

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

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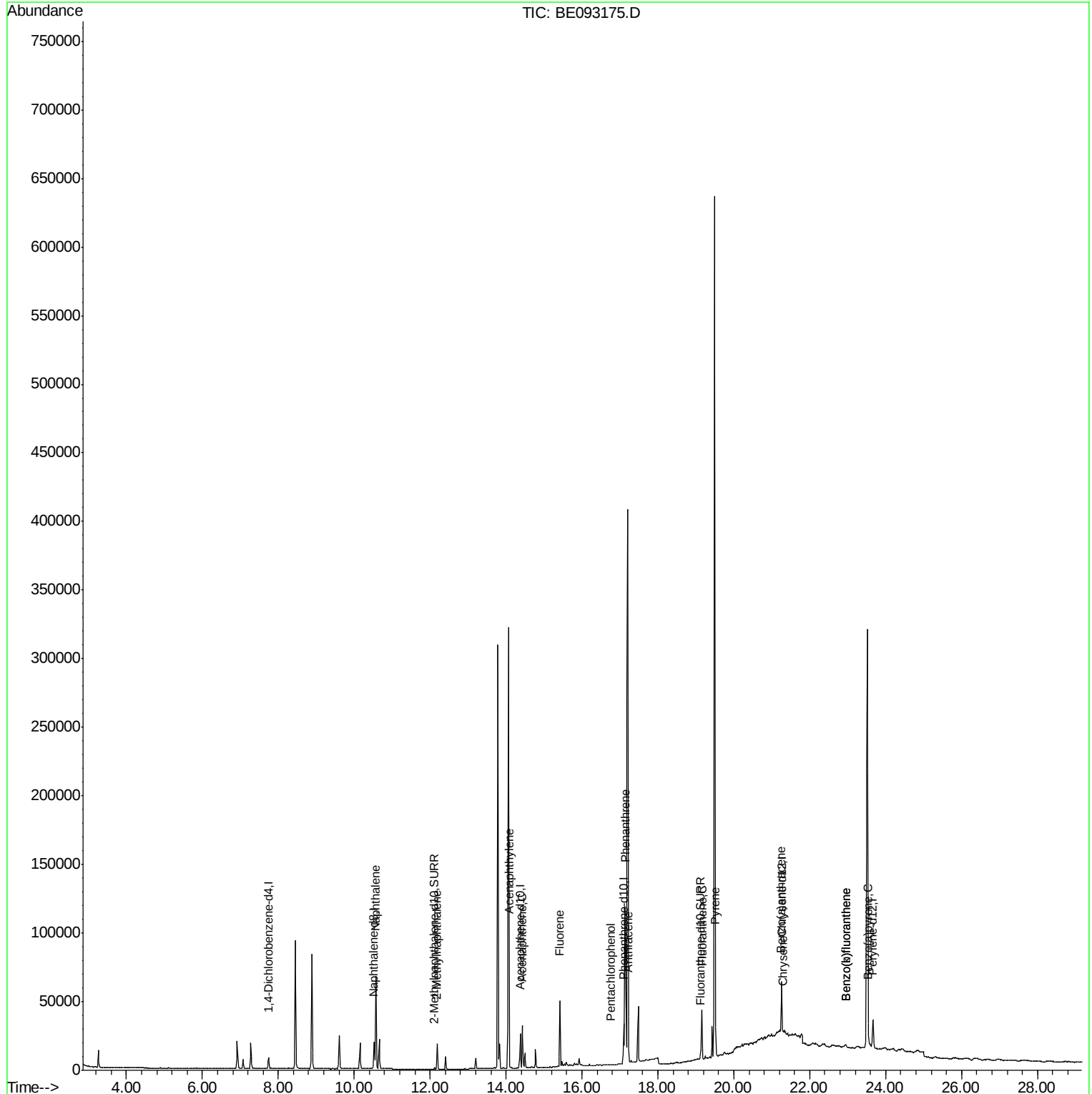
Quant Time: Jun 15 02:28:36 2017

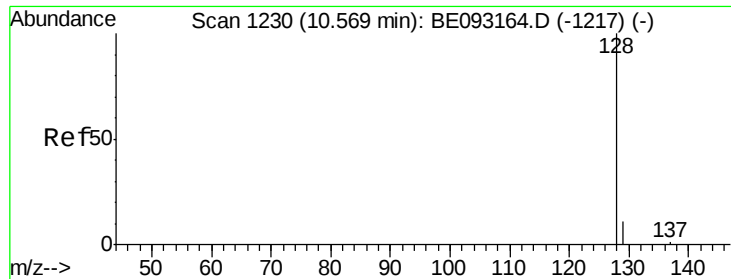
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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QLast Update : Thu Jun 15 02:27:21 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 1.96 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

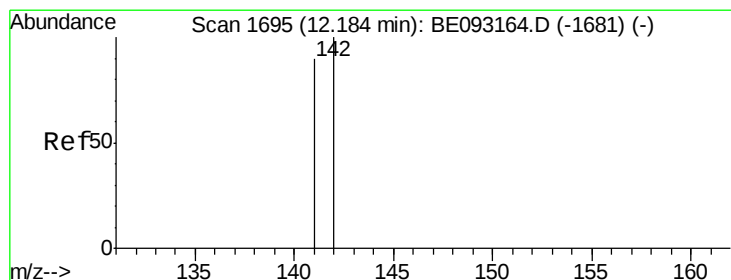
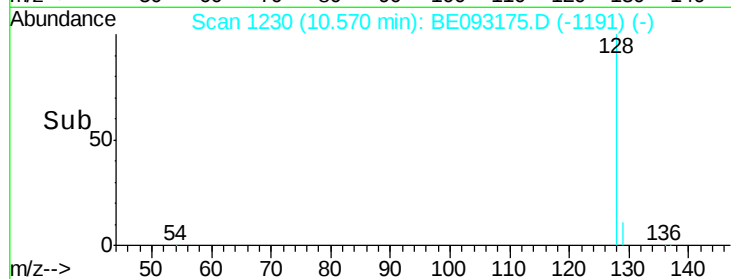
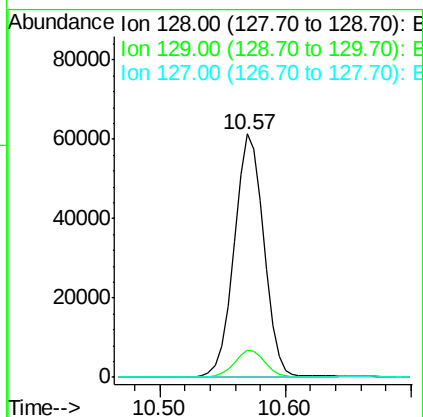
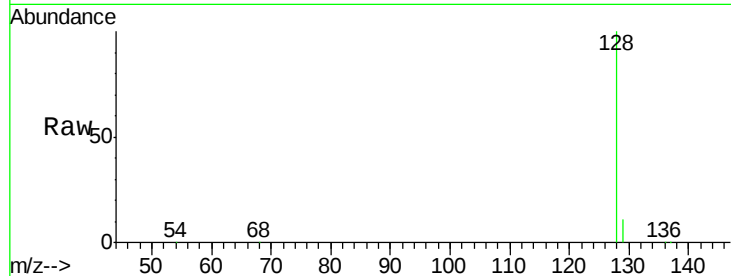
Tgt Ion:128 Resp: 100392

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.45 ng/ul

RT: 12.19 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BE093175.D

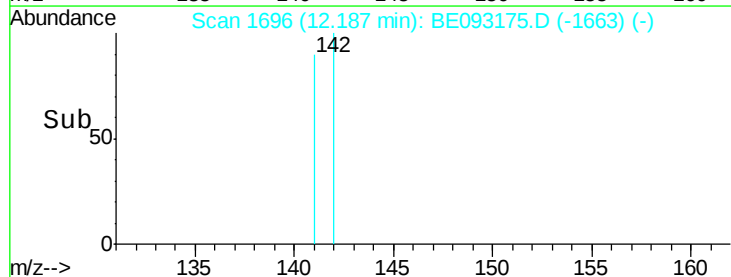
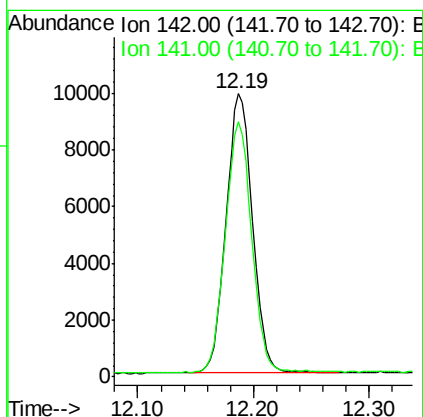
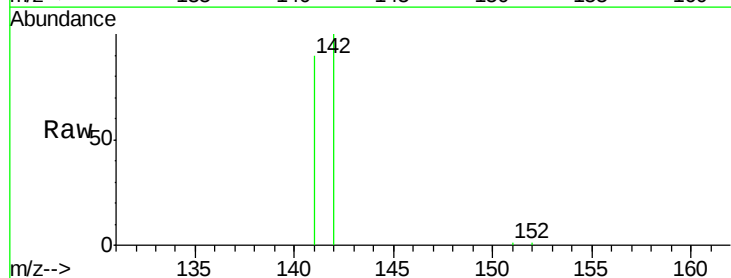
Acq: 14 Jun 2017 18:31

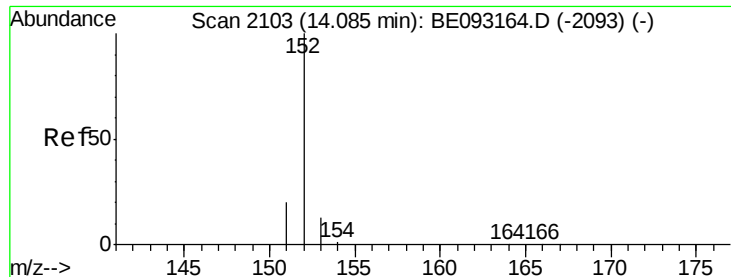
Tgt Ion:142 Resp: 15666

Ion Ratio Lower Upper

142 100

141 88.7 72.6 108.8





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

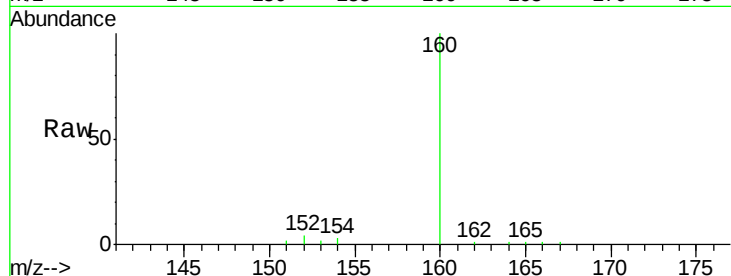
Tgt Ion:152 Resp: 985

Ion Ratio Lower Upper

152 100

151 37.5 17.1 25.7#

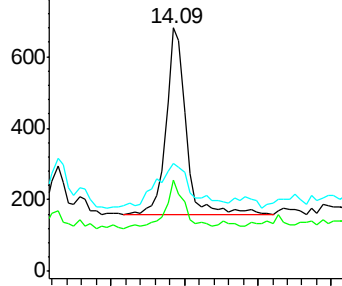
153 44.1 12.8 19.2#



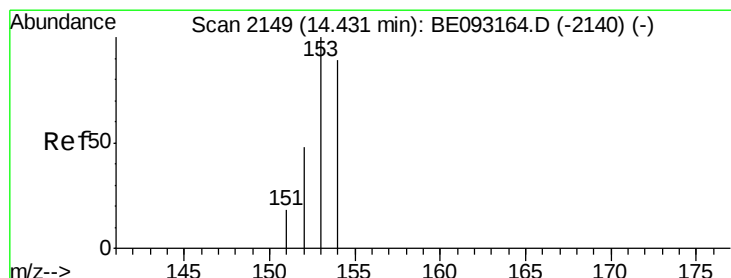
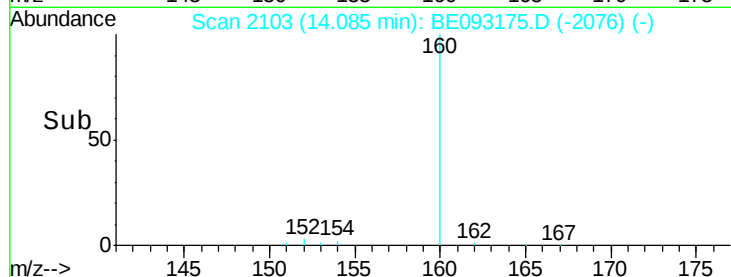
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.43 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

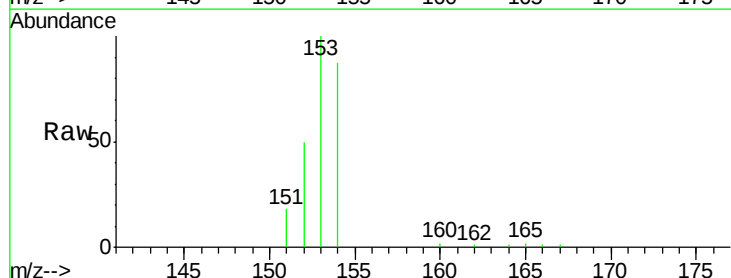
Tgt Ion:153 Resp: 17835

Ion Ratio Lower Upper

153 100

152 49.7 40.3 60.5

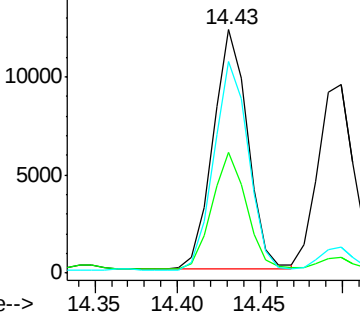
154 87.0 71.4 107.2



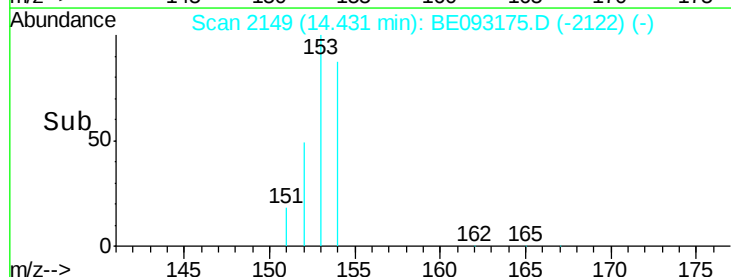
Abundance Ion 153.00 (152.70 to 153.70): E

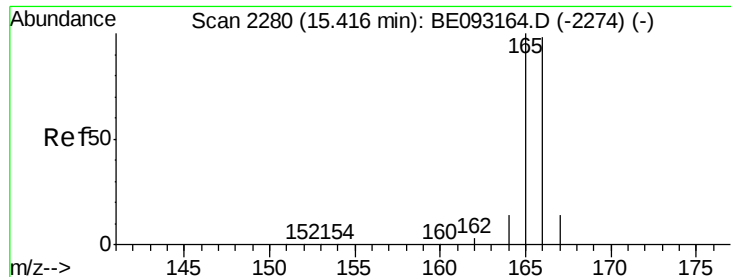
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.55 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

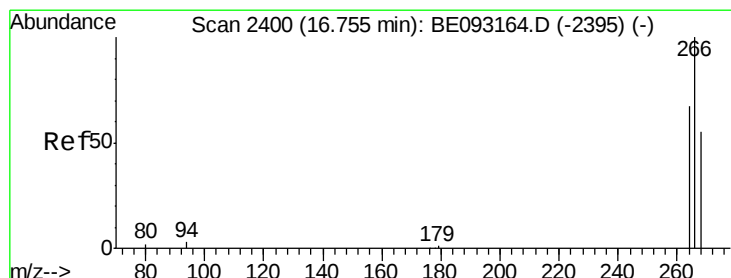
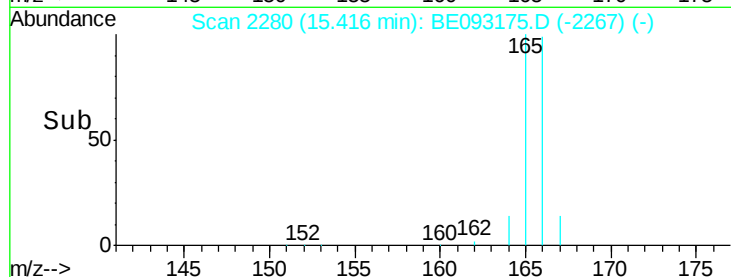
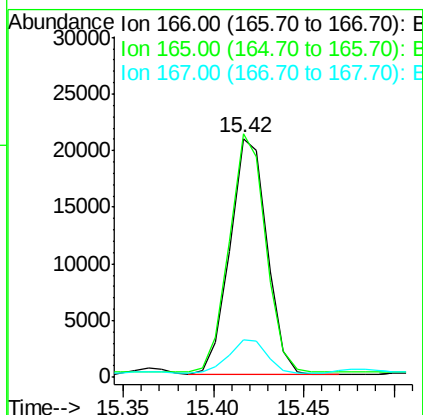
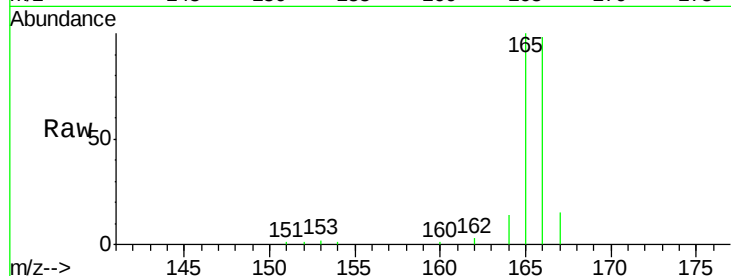
Tgt Ion:166 Resp: 29833

Ion Ratio Lower Upper

166 100

165 101.8 73.4 110.2

167 15.5 14.6 22.0



#11

Pentachlorophenol

Concen: 0.03 ng/ul

RT: 16.75 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

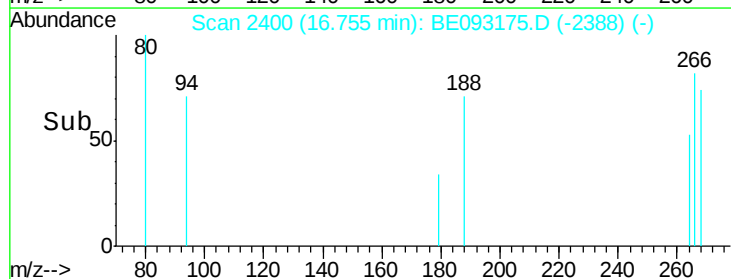
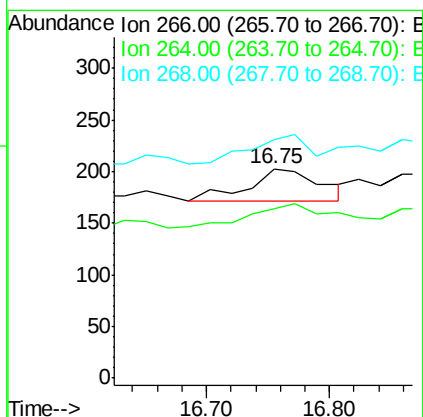
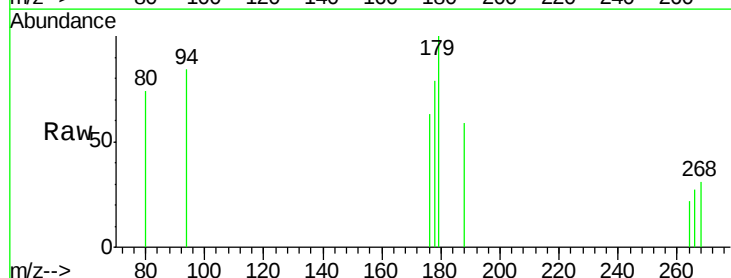
Tgt Ion:266 Resp: 132

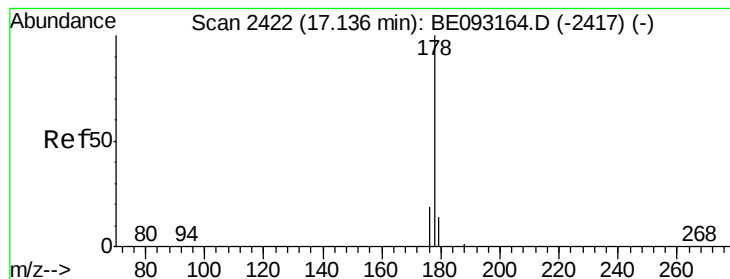
Ion Ratio Lower Upper

266 100

264 84.8 47.9 71.9#

268 83.3 49.8 74.8#





#12

Phenanthrene

Concen: 1.46 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

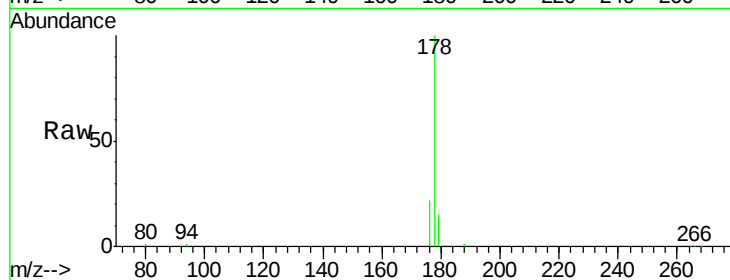
Tgt Ion:178 Resp: 137359

Ion Ratio Lower Upper

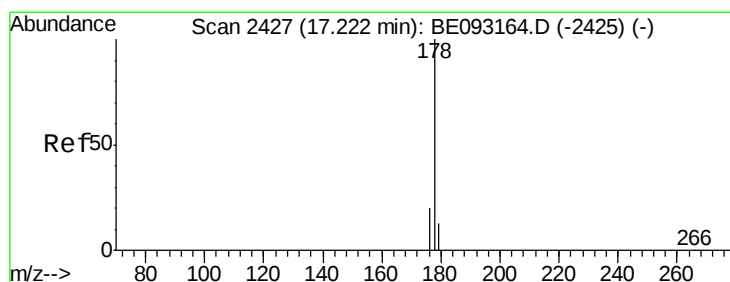
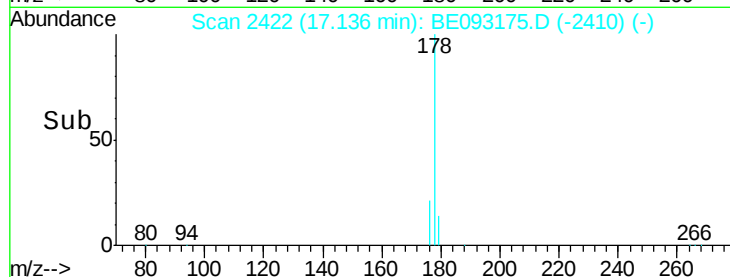
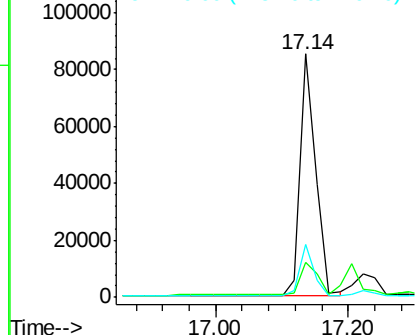
178 100

179 14.6 18.4 27.6#

176 21.7 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: 0.22 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

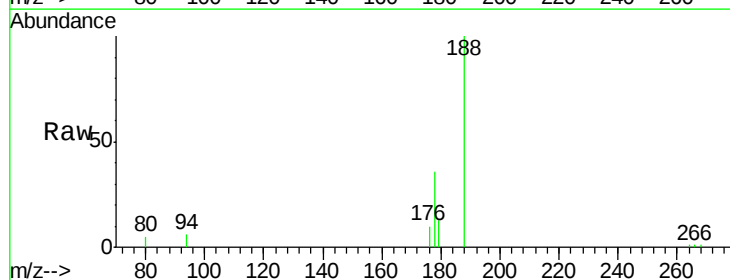
Tgt Ion:178 Resp: 17613

Ion Ratio Lower Upper

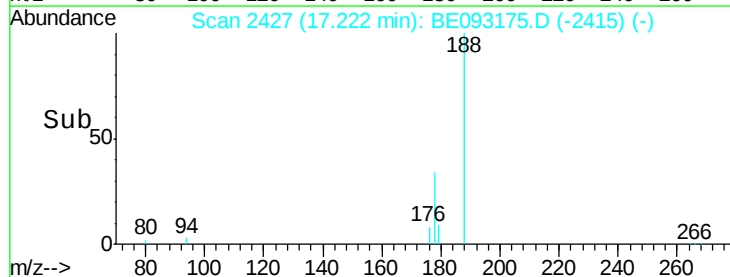
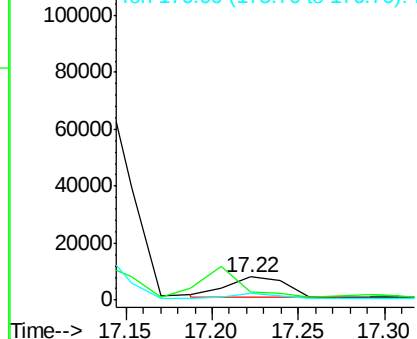
178 100

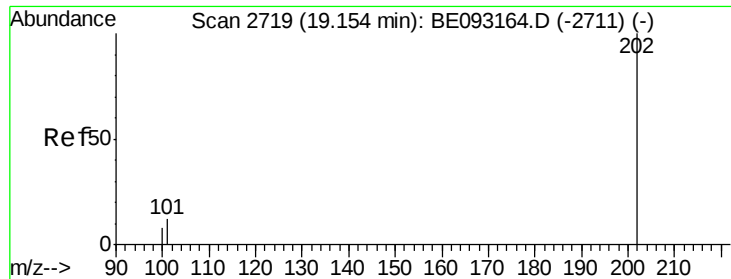
179 35.9 18.1 27.1#

176 27.6 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

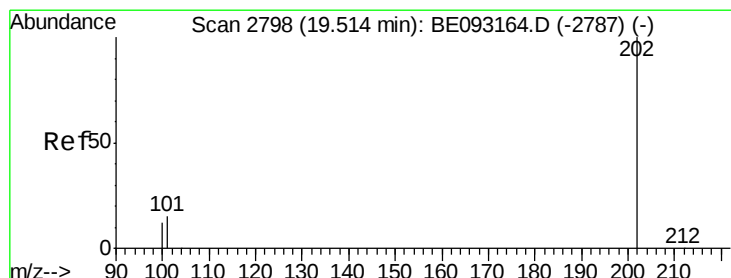
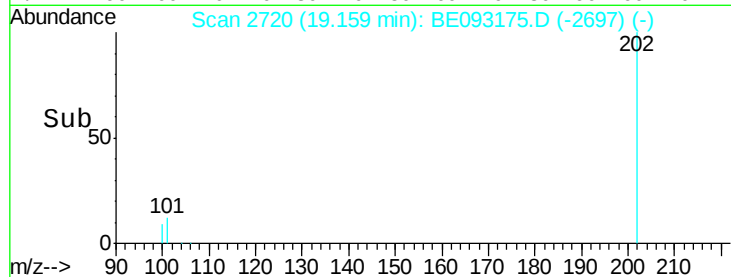
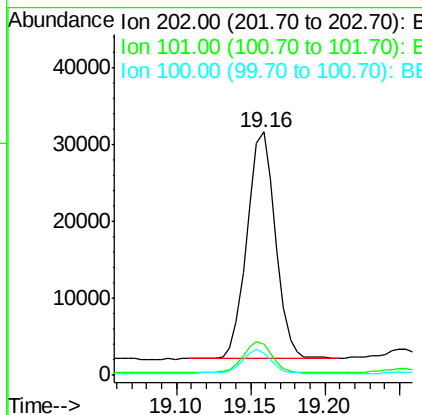
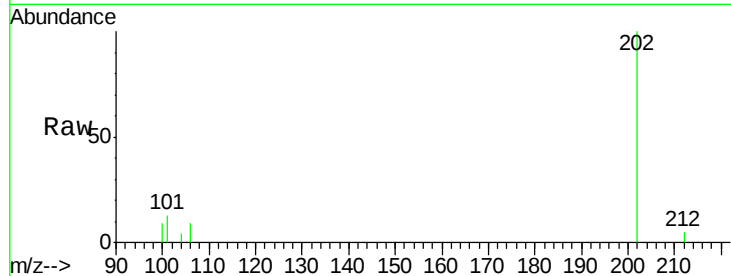




#15
Fluoranthene
 Concen: 0.34 ng/ul
 RT: 19.16 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BE093175.D
 Acq: 14 Jun 2017 18:31

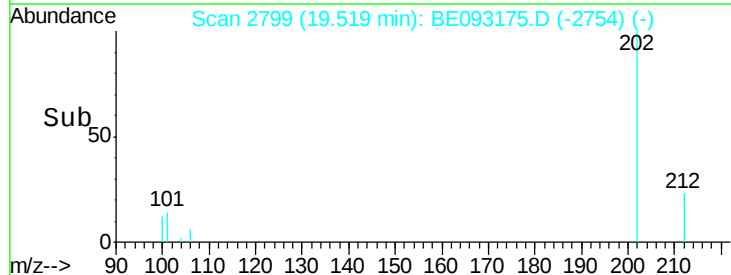
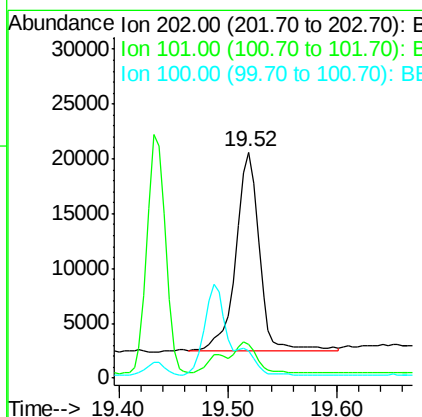
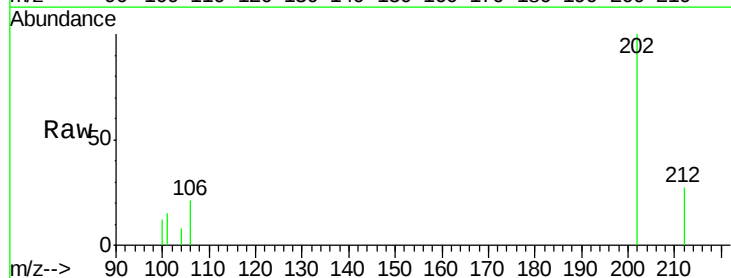
Instrument :
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 F5C35DL

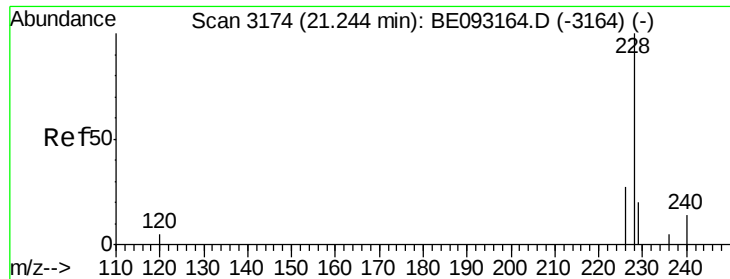
Tgt Ion:202 Resp: 39437
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 30.3
 100 9.3 0.0 39.5



#17
Pyrene
 Concen: 0.29 ng/ul
 RT: 19.52 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BE093175.D
 Acq: 14 Jun 2017 18:31

Tgt Ion:202 Resp: 27015
 Ion Ratio Lower Upper
 202 100
 101 14.8 18.2 27.4#
 100 12.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.25 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

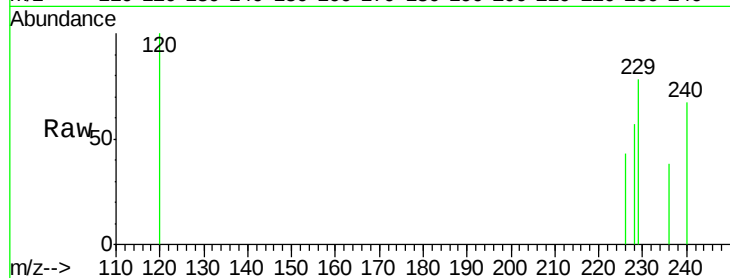
Tgt Ion:228 Resp: 3528

Ion Ratio Lower Upper

228 100

229 137.2 22.8 34.2#

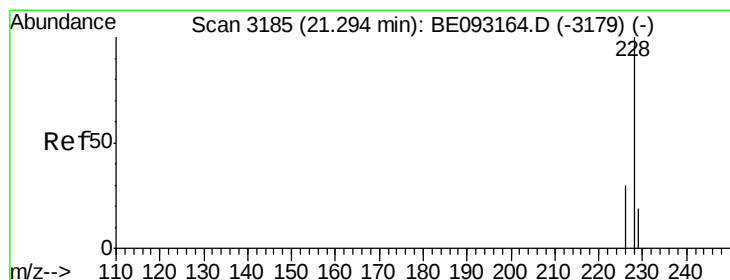
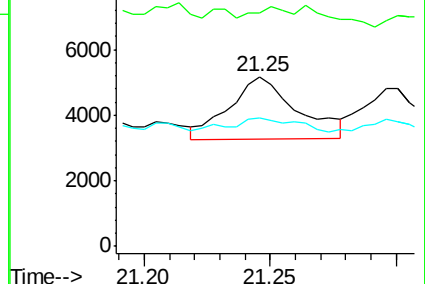
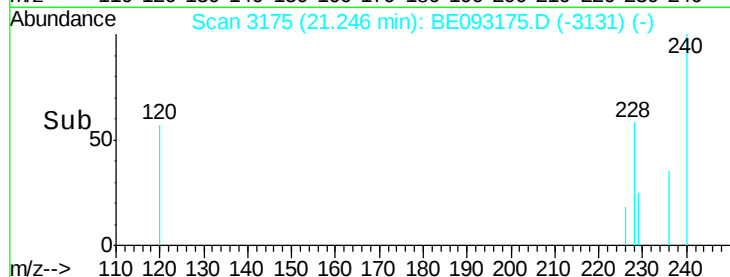
226 75.7 17.0 25.6#



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: 0.02 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

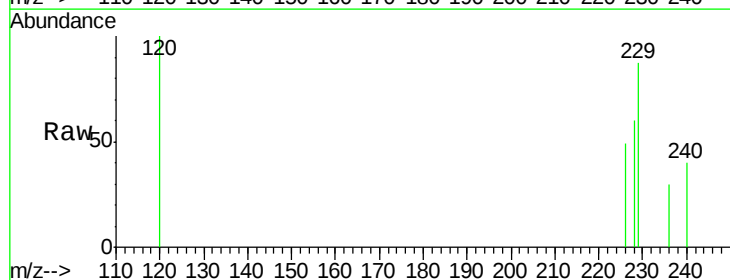
Tgt Ion:228 Resp: 2116

Ion Ratio Lower Upper

228 100

226 80.9 23.4 35.0#

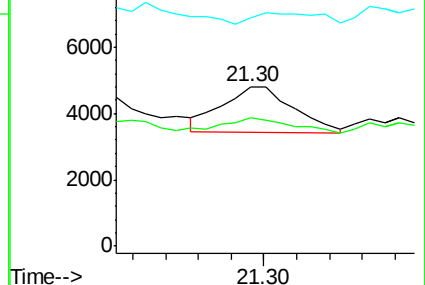
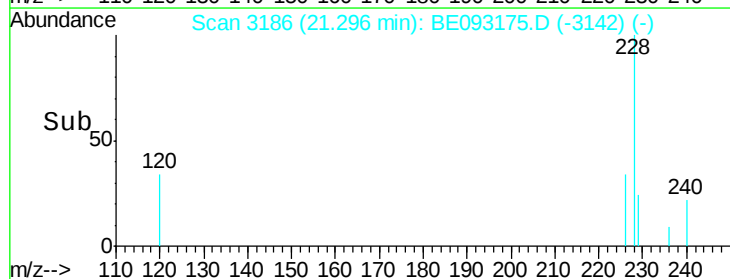
229 143.4 17.7 26.5#

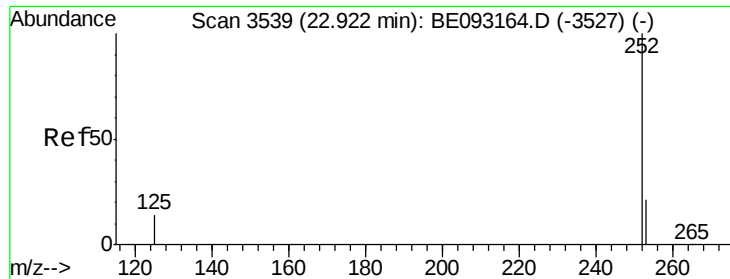


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/u1

RT: 22.94 min Scan# 3544

Delta R.T. 0.02 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

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ClientSampleId :

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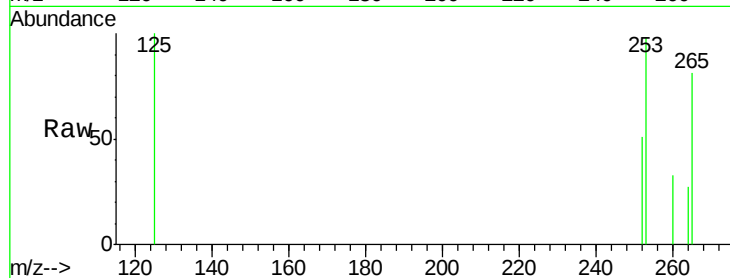
Tgt Ion:252 Resp: 2535

Ion Ratio Lower Upper

252 100

253 191.1 0.0 64.2#

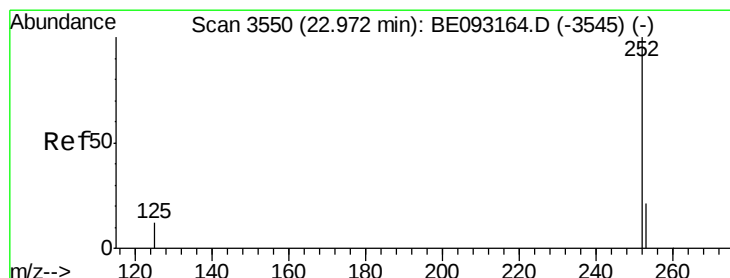
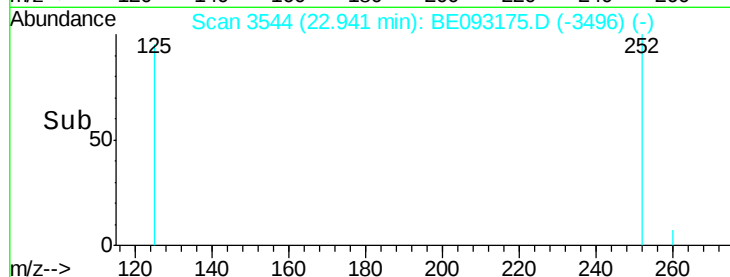
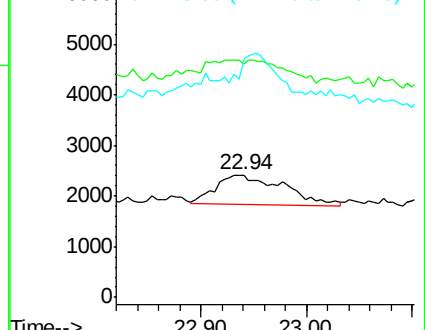
125 194.9 0.0 35.0#



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: 0.02 ng/u1

RT: 22.94 min Scan# 3544

Delta R.T. -0.03 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

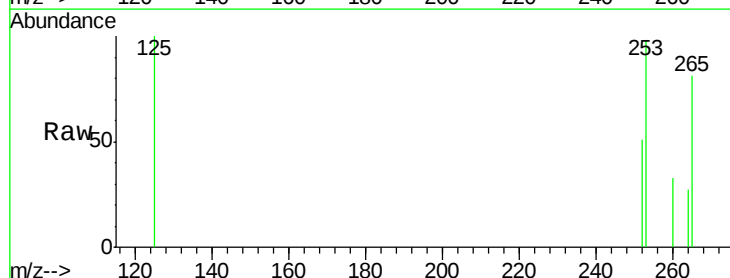
Tgt Ion:252 Resp: 2315

Ion Ratio Lower Upper

252 100

253 191.1 24.5 36.7#

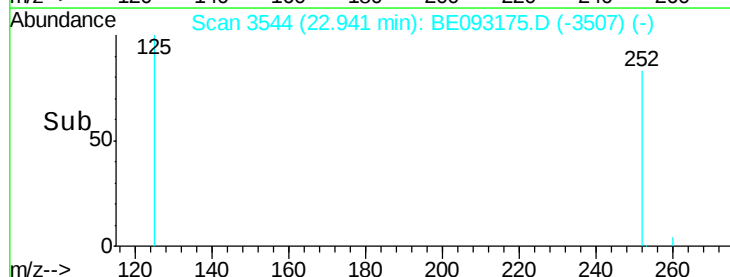
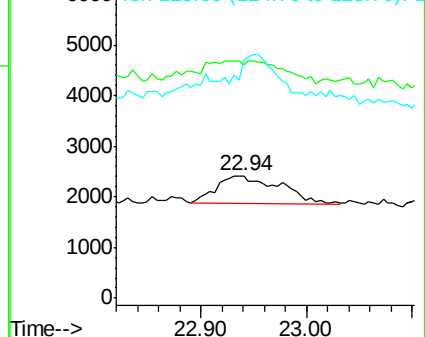
125 194.9 13.7 20.5#

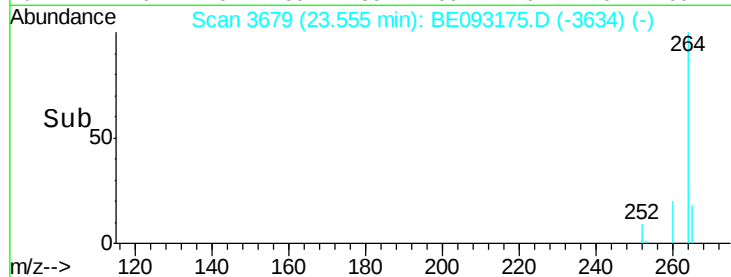
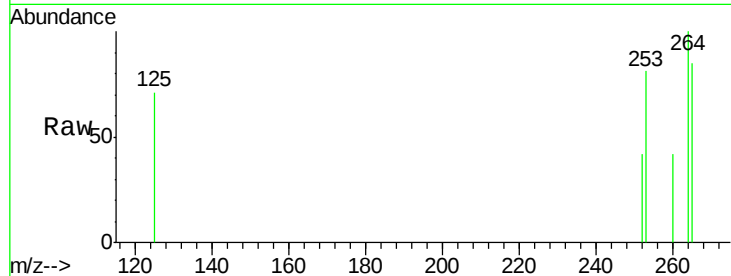
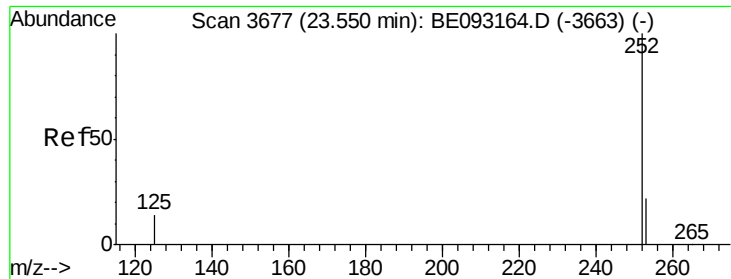


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.56 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BE093175.D

Acq: 14 Jun 2017 18:31

Instrument :

BNA_E

ClientSampleId :

F5C35DL

Tgt Ion: 252 Resp: 1143

Ion Ratio Lower Upper

252 100

253 190.8 28.5 42.7#

125 168.9 18.1 27.1#

