

Data File : BE093292.D
Acq On : 20 Jun 2017 21:39
Operator : SJ/JU
Sample : I3627-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5B06

Quant Time: Jun 21 03:24:09 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 21 03:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1805	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	9432	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14598	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14597	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	555092	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	2936	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	8101	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	2284	0.10	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	644	0.04	ng/ul	99
7) Acenaphthylene	14.08	152	20097	0.79	ng/ul	96
8) Acenaphthene	14.42	153	1067	0.05	ng/ul	94
9) Fluorene	15.42	166	1264	0.05	ng/ul	95
11) Pentachlorophenol	16.75	266	76	0.04	ng/ul#	86
12) Phenanthrene	17.14	178	12188	0.30	ng/ul#	89
13) Anthracene	17.22	178	29906	0.86	ng/ul#	88
15) Fluoranthene	19.15	202	116177	2.36	ng/ul	84
17) Pyrene	19.51	202	180915	4.20	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	82762	2.13	ng/ul#	85
19) Chrysene	21.29	228	122244	3.03	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	231781	0.14	ng/ul	87
22) Benzo(k)fluoranthene	22.93	252	303662	0.17	ng/ul#	89
23) Benzo(a)pyrene	23.45	252	107563	0.07	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.85	278	18171	0.01	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	55216	0.03	ng/ul	95

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

Data File : BE093292.D

Acq On : 20 Jun 2017 21:39

Operator : SJ/JU

Sample : I3627-06

Misc :

ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5B06

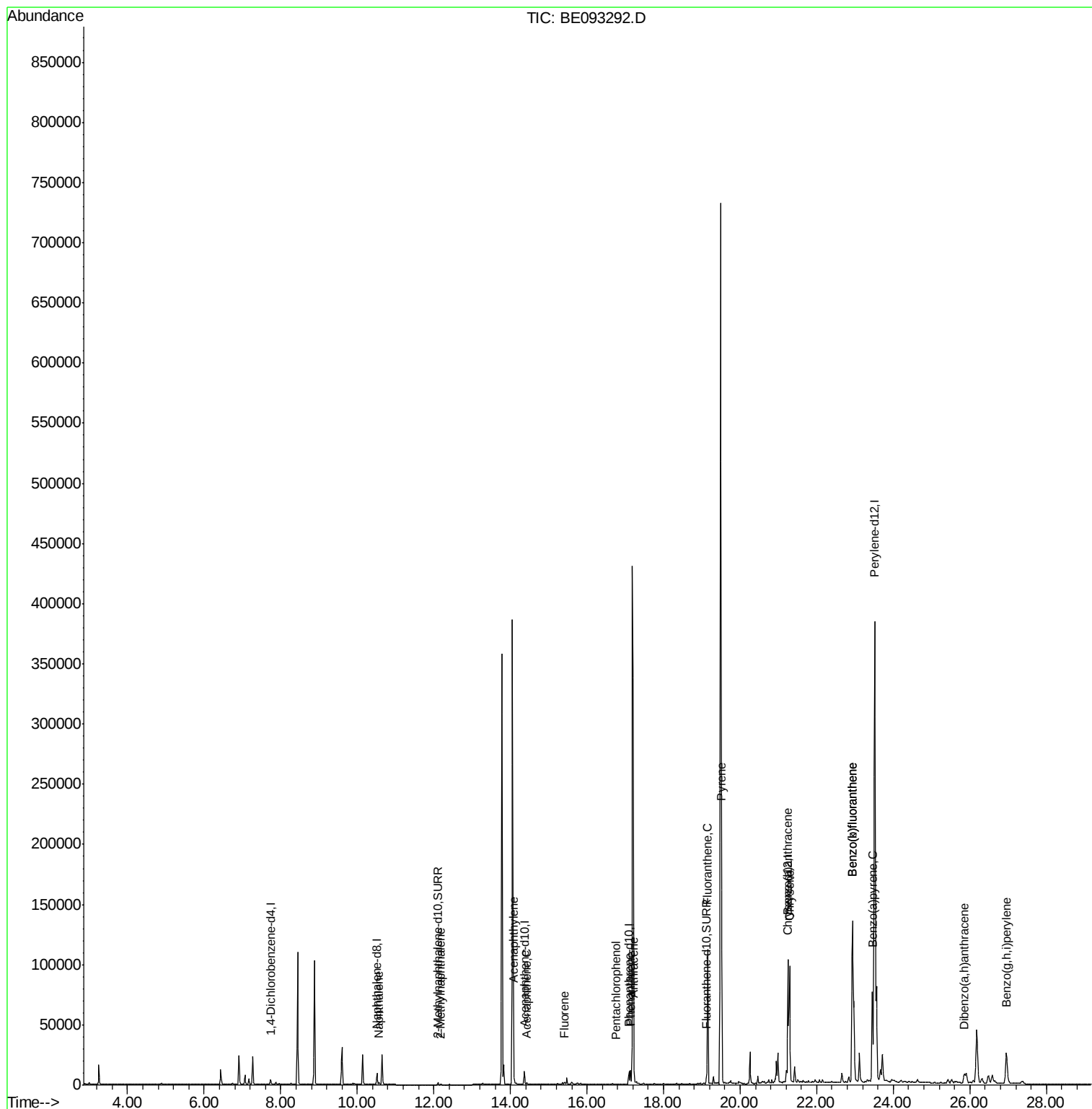
Quant Time: Jun 21 03:24:09 2017

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 21 03:23:49 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

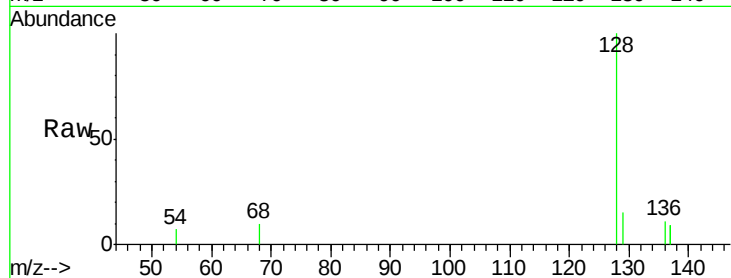
Tgt Ion:128 Resp: 2284

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

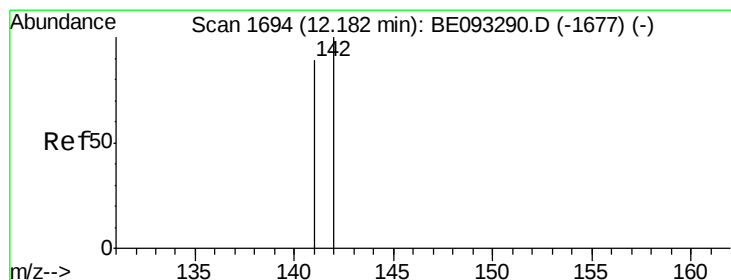
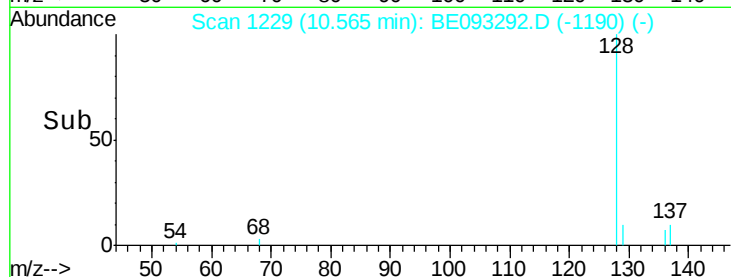
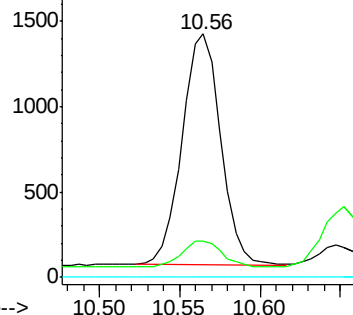
127 0.0 4.0 6.0#



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: 0.04 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093292.D

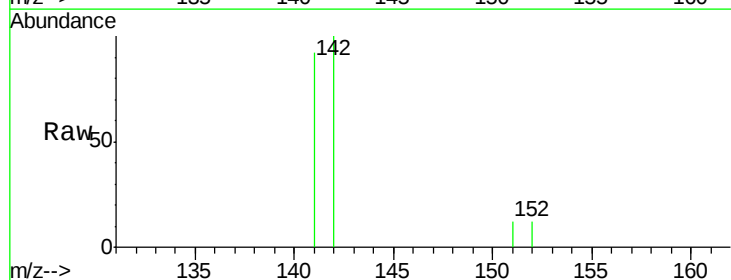
Acq: 20 Jun 2017 21:39

Tgt Ion:142 Resp: 644

Ion Ratio Lower Upper

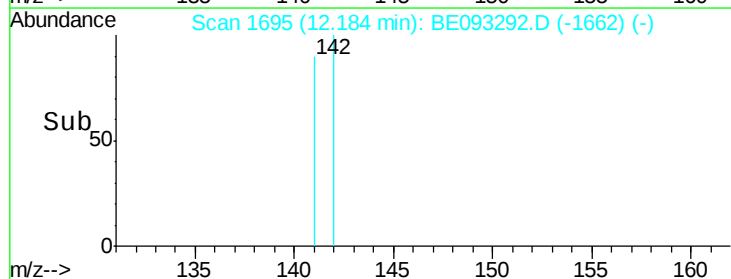
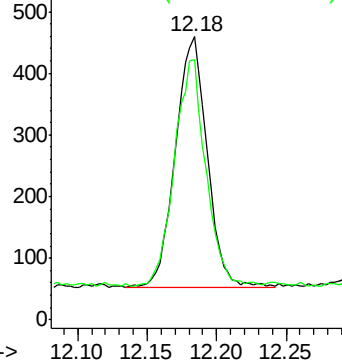
142 100

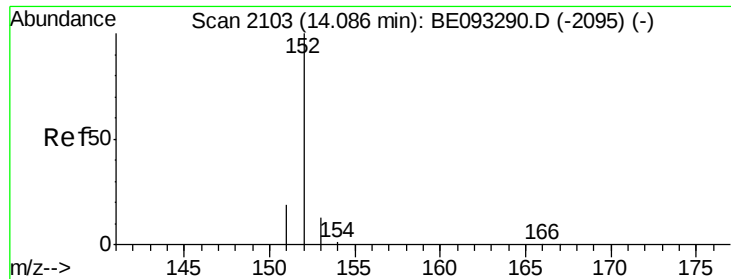
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.79 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

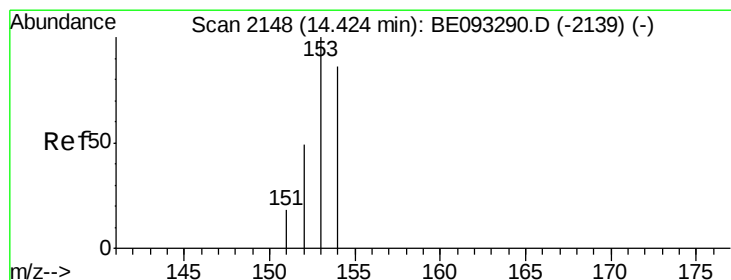
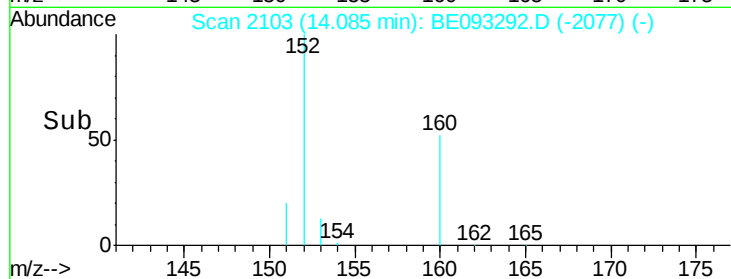
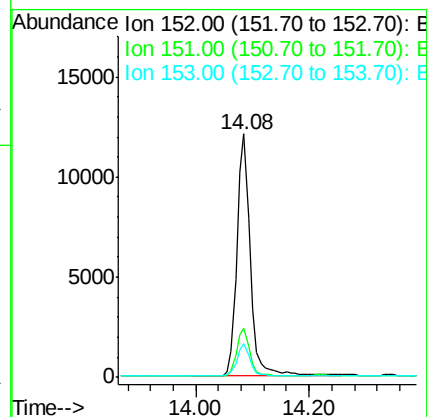
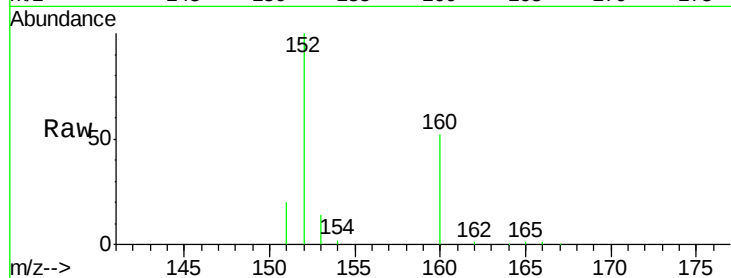
Tgt Ion:152 Resp: 20097

Ion Ratio Lower Upper

152 100

151 20.1 17.1 25.7

153 13.7 12.8 19.2



#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

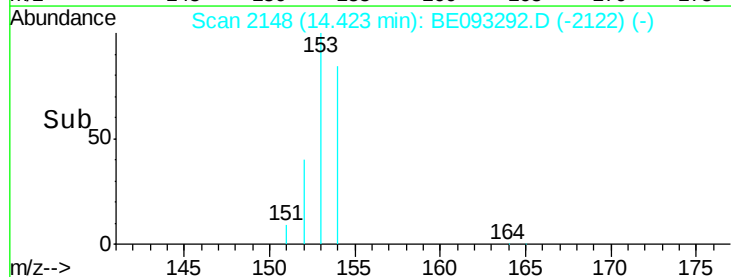
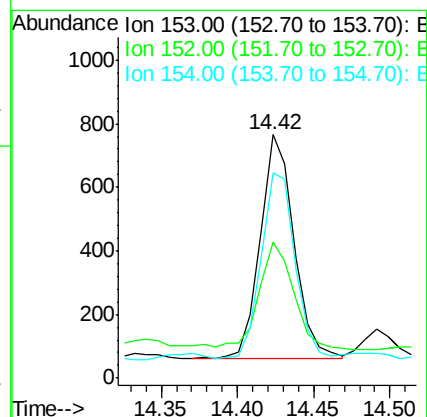
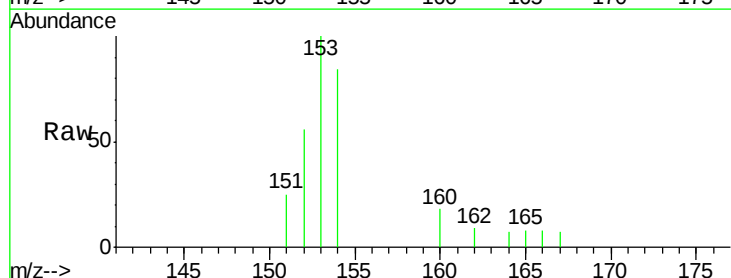
Tgt Ion:153 Resp: 1067

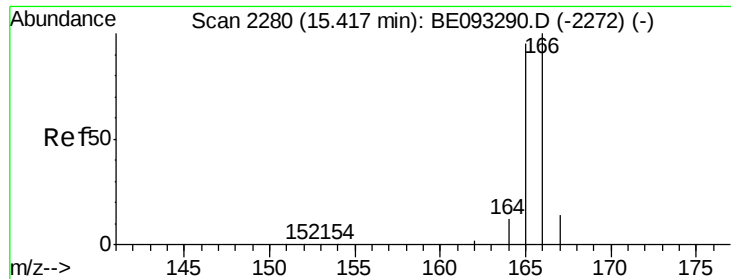
Ion Ratio Lower Upper

153 100

152 55.6 40.3 60.5

154 84.5 71.4 107.2





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

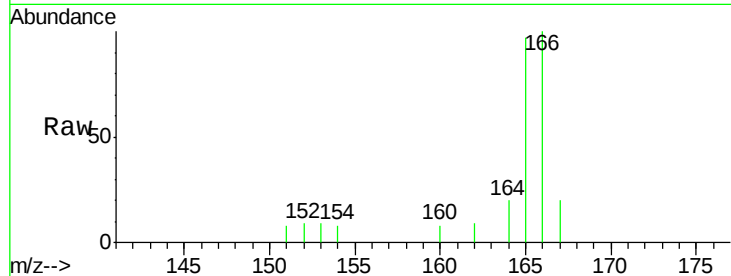
Tgt Ion:166 Resp: 1264

Ion Ratio Lower Upper

166 100

165 97.1 73.4 110.2

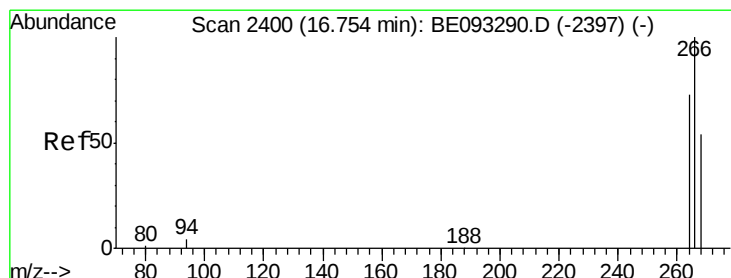
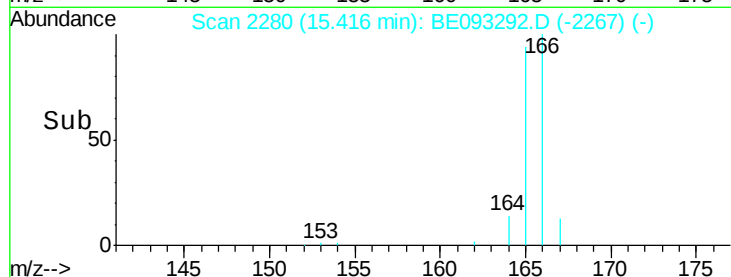
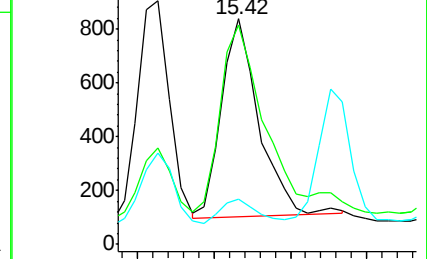
167 19.9 14.6 22.0



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: 0.04 ng/ul

RT: 16.75 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

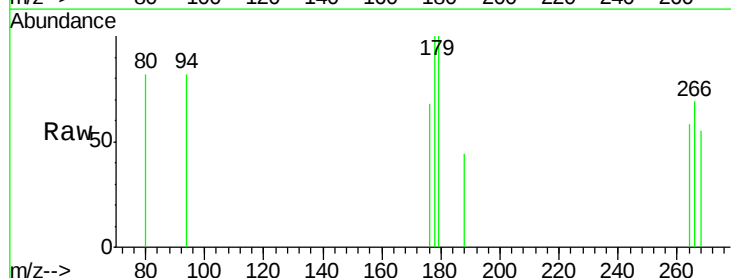
Tgt Ion:266 Resp: 76

Ion Ratio Lower Upper

266 100

264 61.8 47.9 71.9

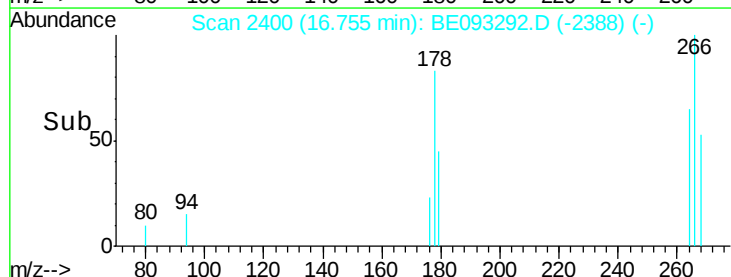
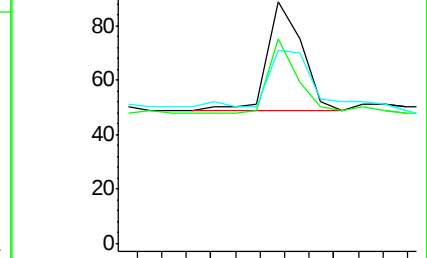
268 81.6 49.8 74.8#

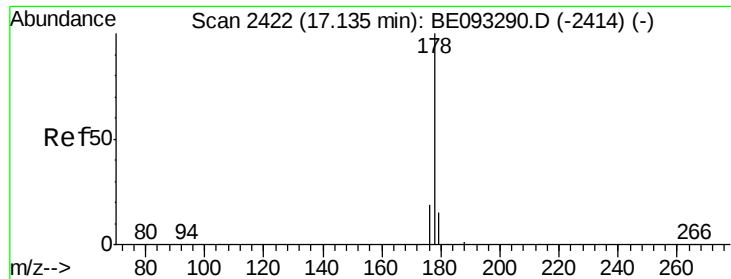


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

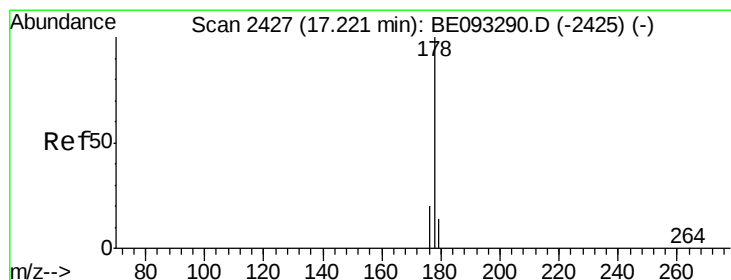
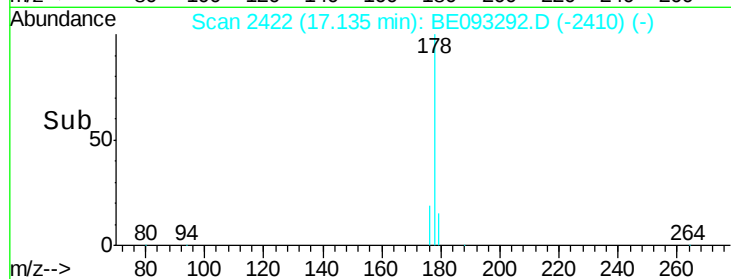
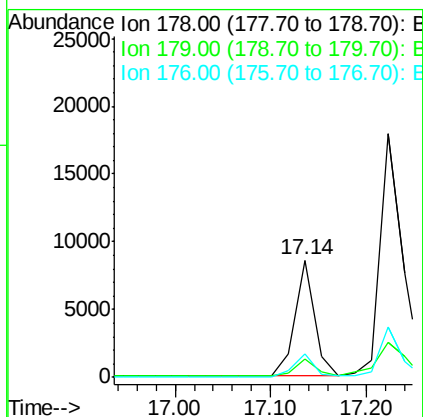
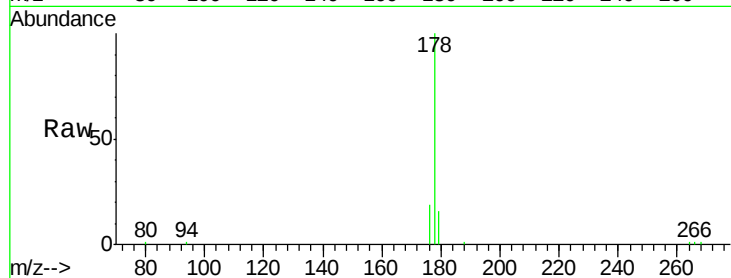




#12
 Phenanthrene
 Concen: 0.30 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. 0.00 min
 Lab File: BE093292.D
 Acq: 20 Jun 2017 21:39

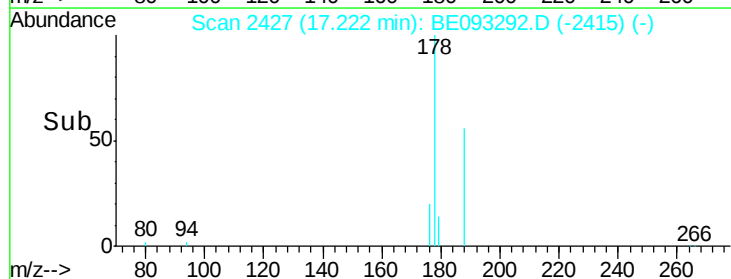
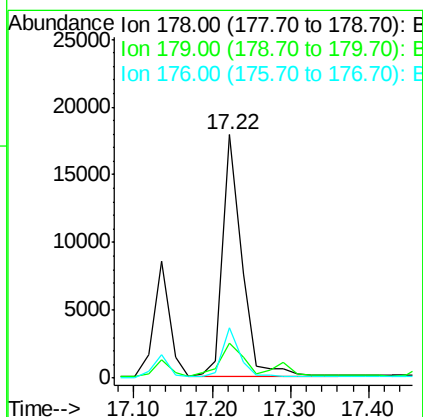
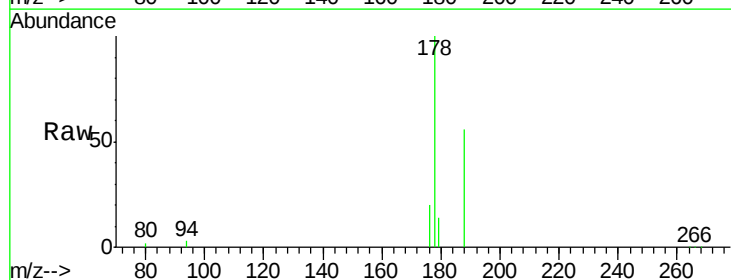
Instrument :
 BNA_E
 ClientSampleId :
 F5B06

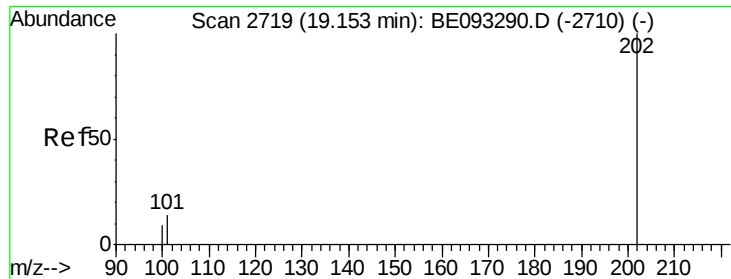
Tgt Ion:178 Resp: 12188
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 19.5 13.6 20.4



#13
 Anthracene
 Concen: 0.86 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BE093292.D
 Acq: 20 Jun 2017 21:39

Tgt Ion:178 Resp: 29906
 Ion Ratio Lower Upper
 178 100
 179 14.2 18.1 27.1#
 176 20.5 14.7 22.1

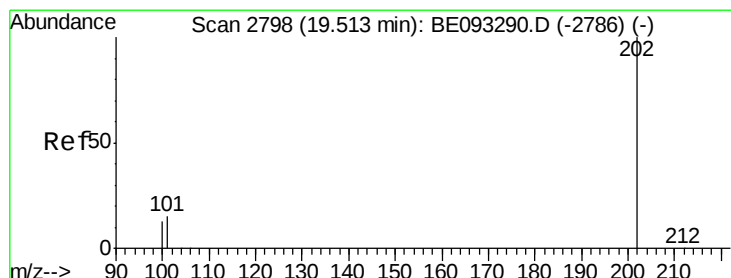
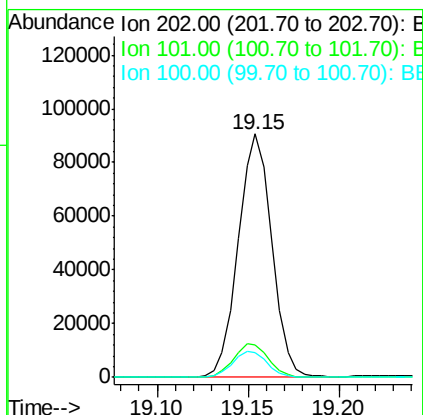
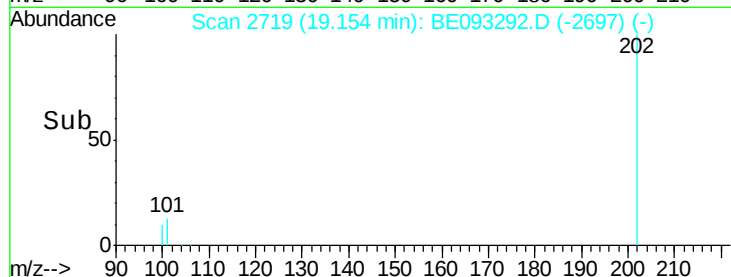
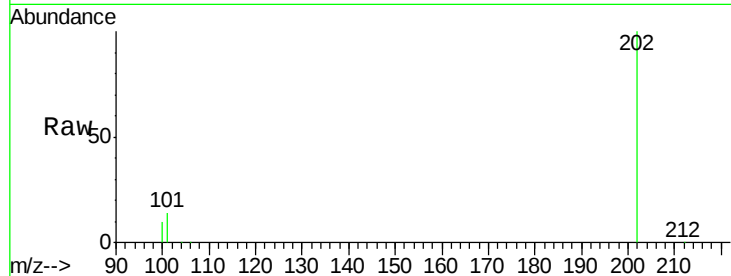




#15
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093292.D
Acq: 20 Jun 2017 21:39

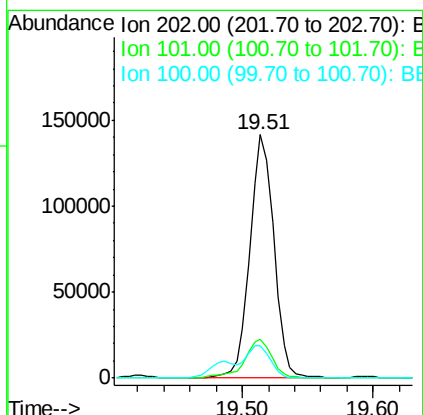
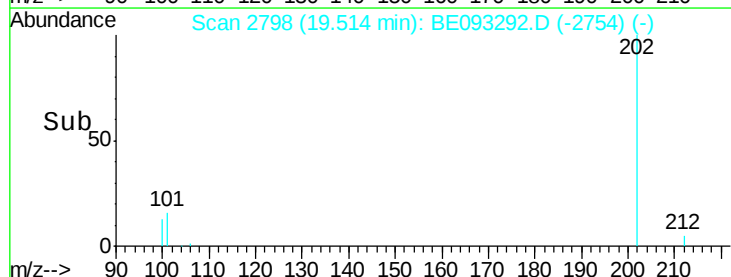
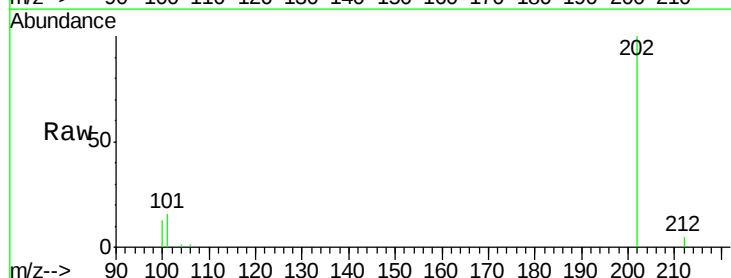
Instrument :
BNA_E
ClientSampleId :
F5B06

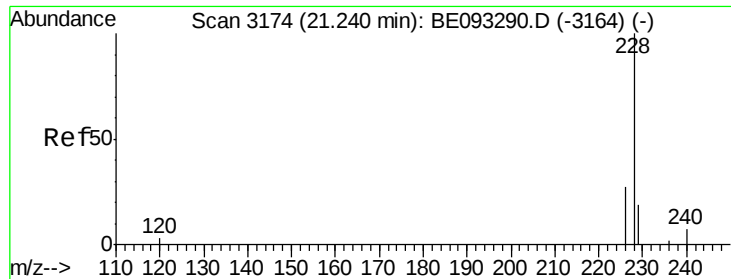
Tgt Ion:202 Resp: 116177
Ion Ratio Lower Upper
202 100
101 13.5 0.0 30.3
100 10.2 0.0 39.5



#17
Pyrene
Concen: 4.20 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093292.D
Acq: 20 Jun 2017 21:39

Tgt Ion:202 Resp: 180915
Ion Ratio Lower Upper
202 100
101 15.9 18.2 27.4#
100 13.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 2.13 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

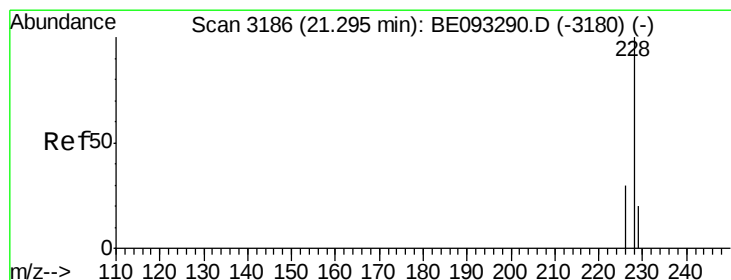
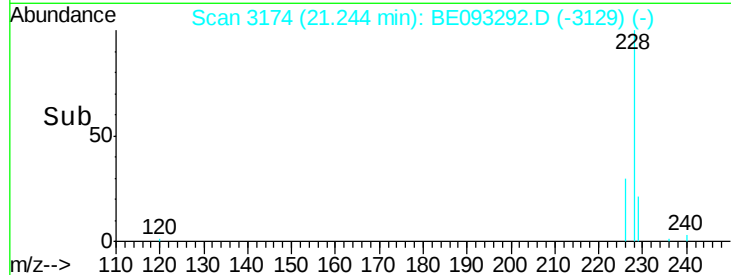
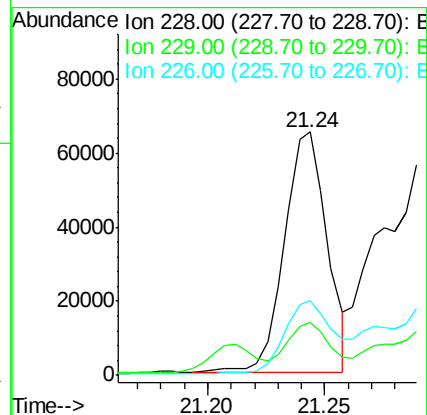
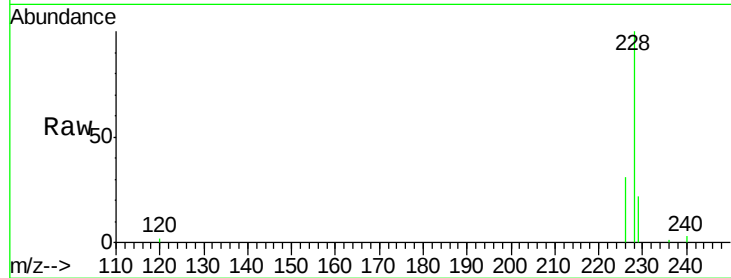
Tgt Ion:228 Resp: 82762

Ion Ratio Lower Upper

228 100

229 22.0 22.8 34.2#

226 30.6 17.0 25.6#



#19

Chrysene

Concen: 3.03 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

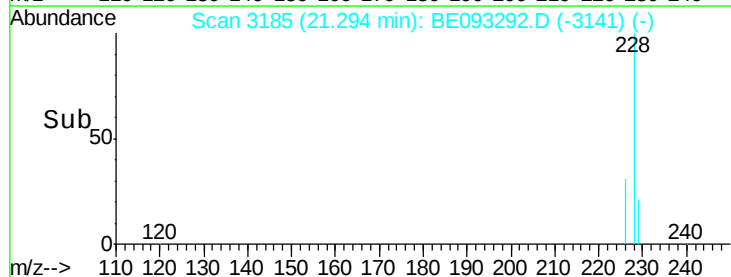
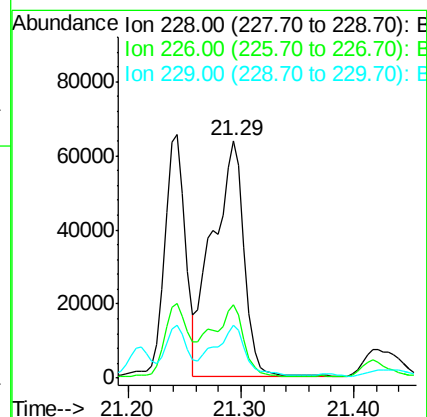
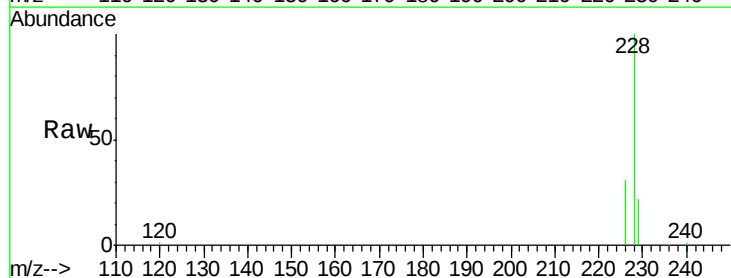
Tgt Ion:228 Resp: 122244

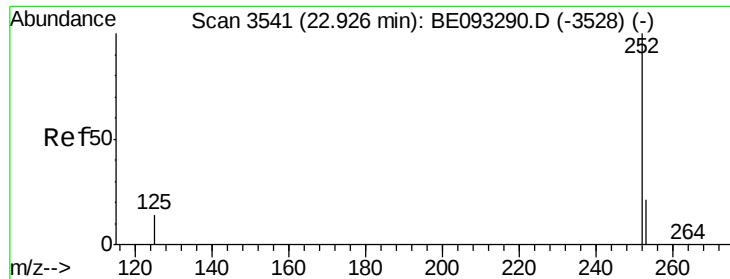
Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.0

229 22.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.14 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

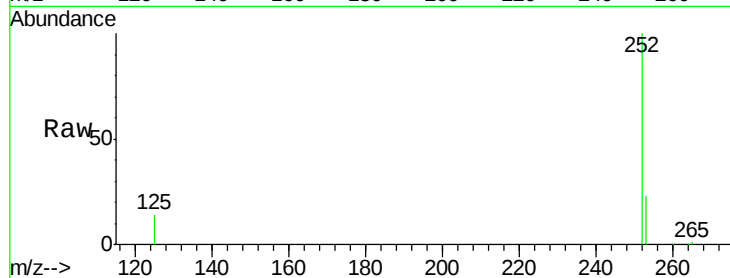
Tgt Ion:252 Resp: 231781

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

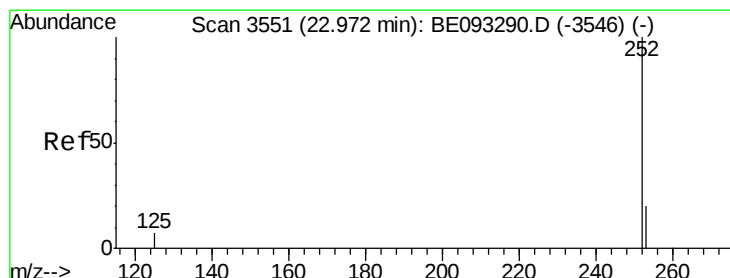
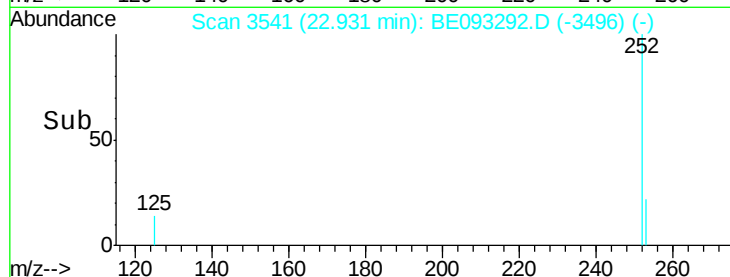
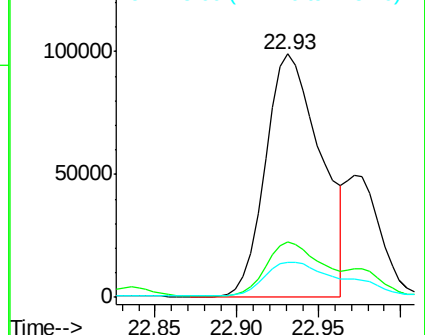
125 14.5 0.0 35.0



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: 0.17 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

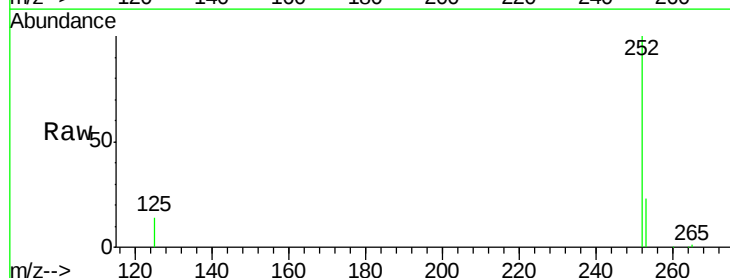
Tgt Ion:252 Resp: 303662

Ion Ratio Lower Upper

252 100

253 22.6 24.5 36.7#

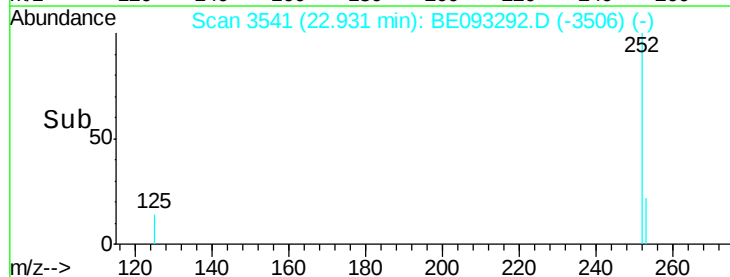
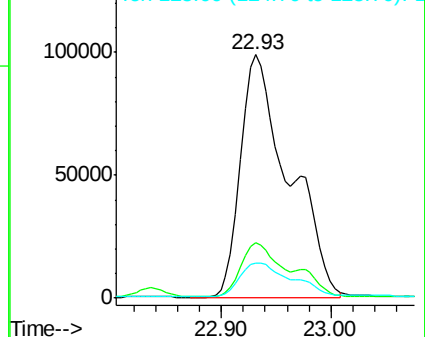
125 14.5 13.7 20.5

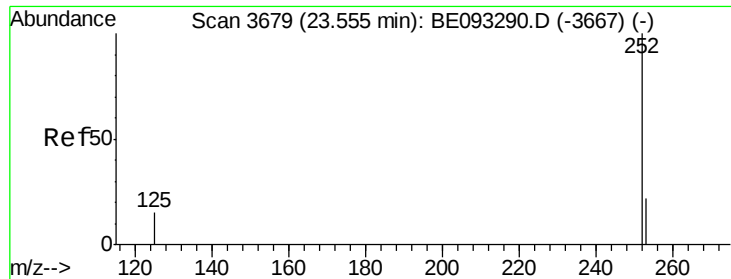


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.45 min Scan# 3656

Delta R.T. -0.10 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

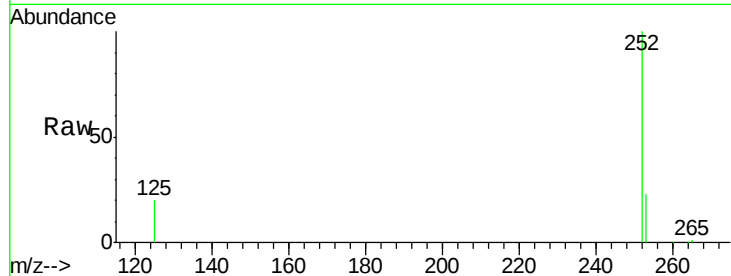
Tgt Ion:252 Resp: 107563

Ion Ratio Lower Upper

252 100

253 23.0 28.5 42.7#

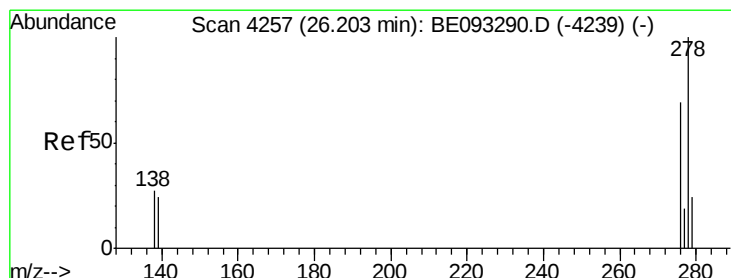
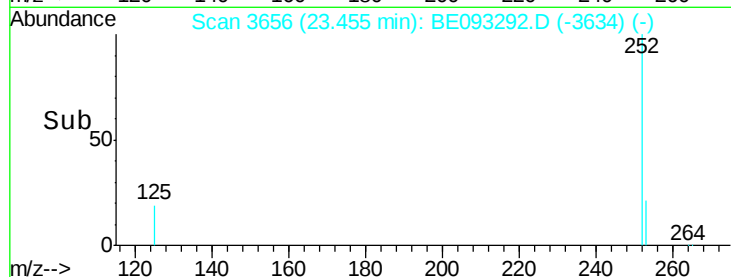
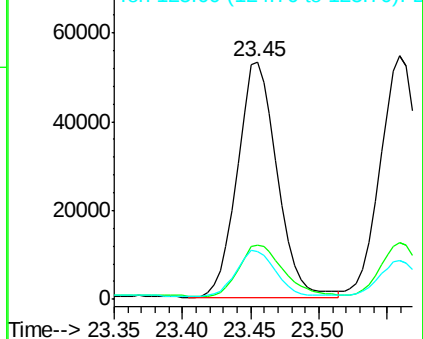
125 20.3 18.1 27.1



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



#25

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 25.85 min Scan# 4179

Delta R.T. -0.35 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

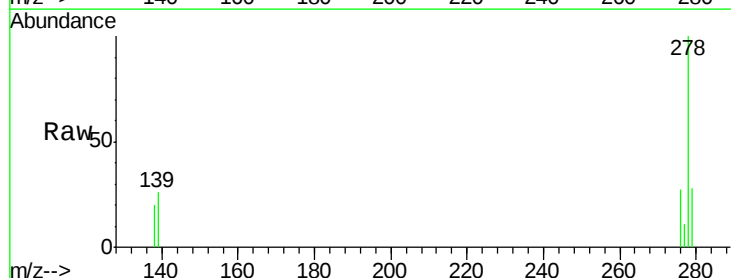
Tgt Ion:278 Resp: 18171

Ion Ratio Lower Upper

278 100

139 26.0 17.4 26.0

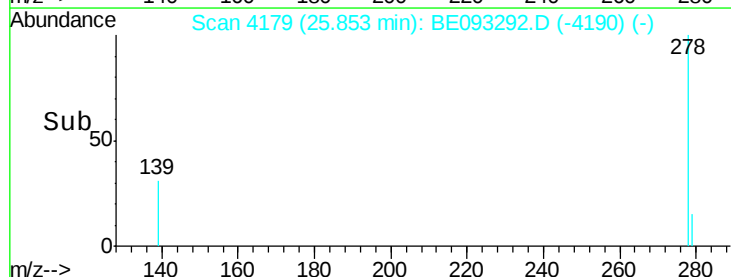
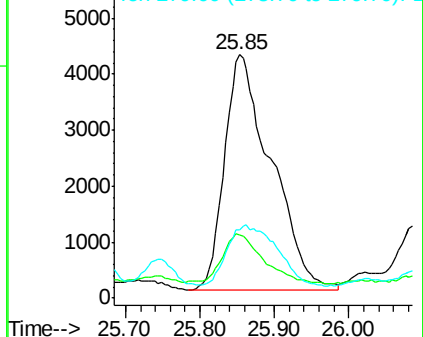
279 27.8 25.9 38.9

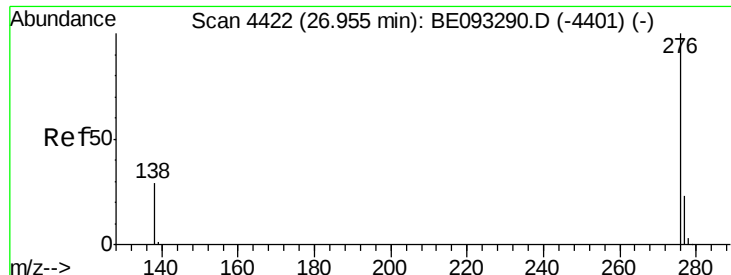


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.03 ng/ul

RT: 26.96 min Scan# 4421

Delta R.T. 0.00 min

Lab File: BE093292.D

Acq: 20 Jun 2017 21:39

Instrument :

BNA_E

ClientSampleId :

F5B06

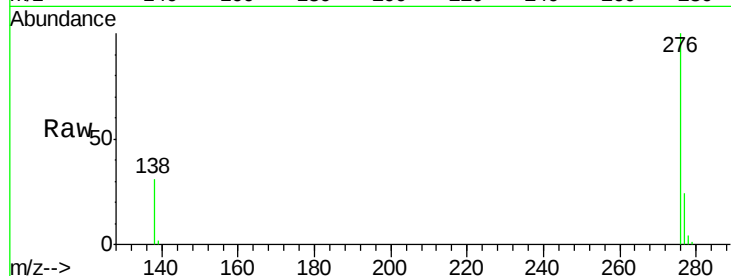
Tgt Ion: 276 Resp: 55216

Ion Ratio Lower Upper

276 100

138 30.7 21.8 32.8

277 24.2 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

