

Data File : BE093370.D
Acq On : 24 Jun 2017 20:14
Operator : SJ/JU
Sample : I3627-09DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A69DL

Quant Time: Jun 26 01:58:38 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 01:58:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1557	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8201	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4883	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12232	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13844	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12228	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	296	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	925	0.03	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	302	0.01	ng/ul#	62
7) Acenaphthylene	14.08	152	4213	0.20	ng/ul	99
9) Fluorene	15.42	166	214	0.01	ng/ul#	81
12) Phenanthrene	17.14	178	3200	0.10	ng/ul#	92
13) Anthracene	17.14	178	3183	0.11	ng/ul	94
15) Fluoranthene	19.15	202	34880	0.85	ng/ul	84
17) Pyrene	19.51	202	44887	1.10	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	28623	0.78	ng/ul#	85
19) Chrysene	21.29	228	31507	0.82	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	71934	1.94	ng/ul	88
22) Benzo(k)fluoranthene	22.93	252	71934	1.83	ng/ul#	90
23) Benzo(a)pyrene	23.55	252	26751	0.76	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.17	276	17778	0.44	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.18	278	4796	0.14	ng/ul#	85
26) Benzo(g,h,i)perylene	26.95	276	12439	0.36	ng/ul	96

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

Data File : BE093370.D

Acq On : 24 Jun 2017 20:14

Operator : SJ/JU

Sample : I3627-09DL 10X

Misc :

ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5A69DL

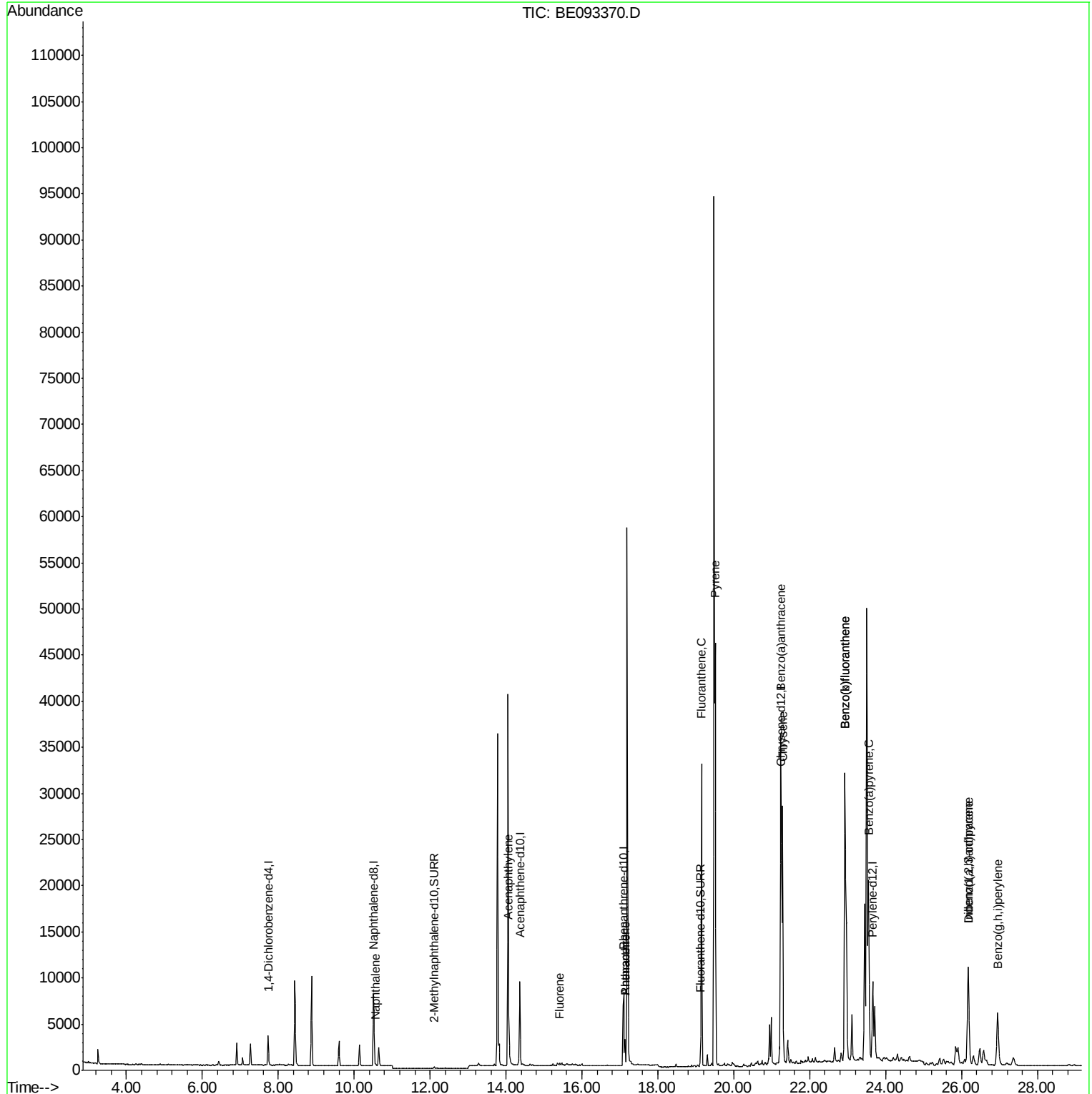
Quant Time: Jun 26 01:58:38 2017

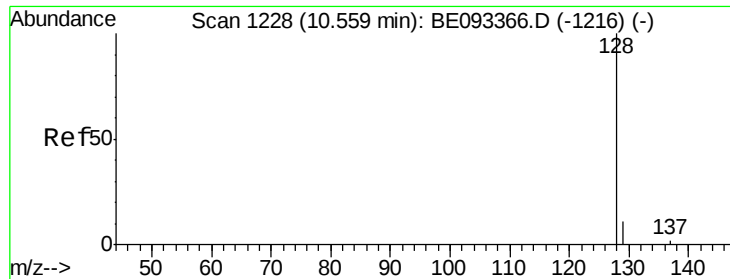
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:58:03 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

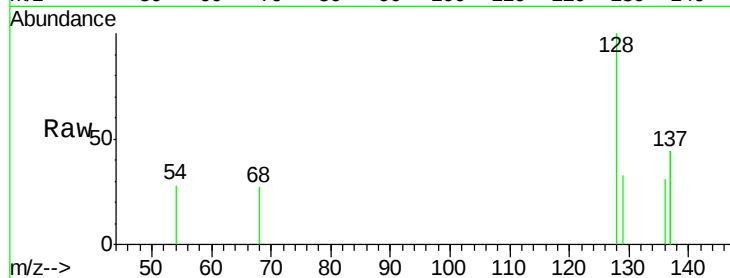
Tgt Ion:128 Resp: 302

Ion Ratio Lower Upper

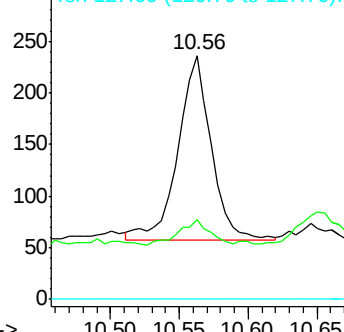
128 100

129 32.6 11.3 16.9#

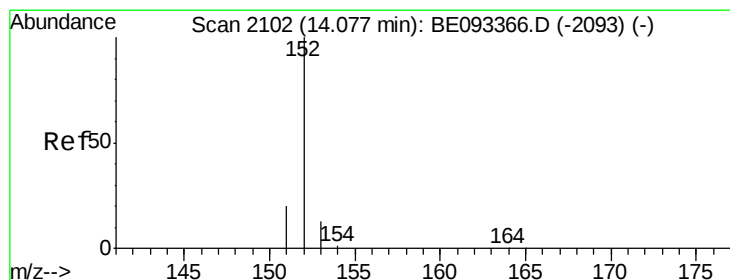
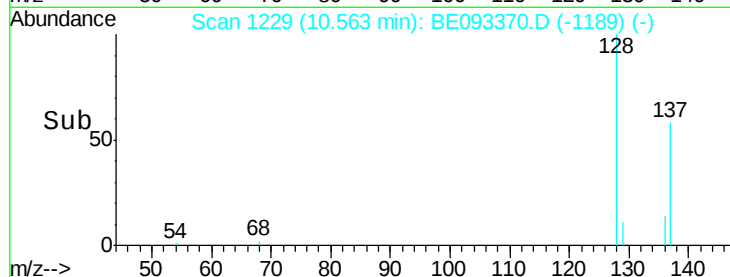
127 0.0 4.0 6.0#



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



Time-->



#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

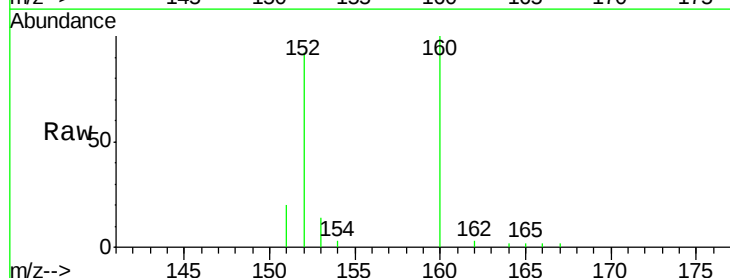
Tgt Ion:152 Resp: 4213

Ion Ratio Lower Upper

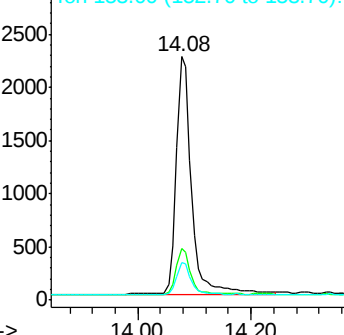
152 100

151 21.4 17.1 25.7

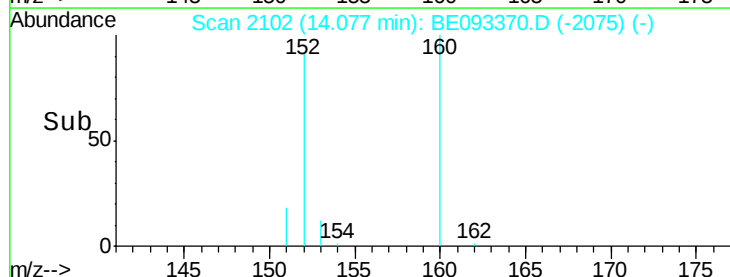
153 15.1 12.8 19.2

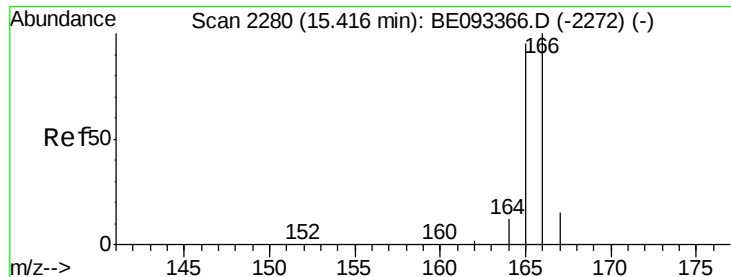


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->





#9

Fluorene

Concen: 0.01 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

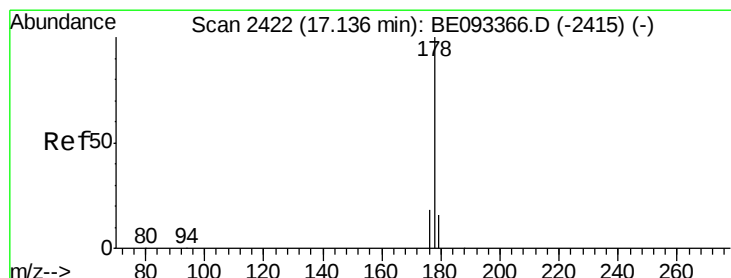
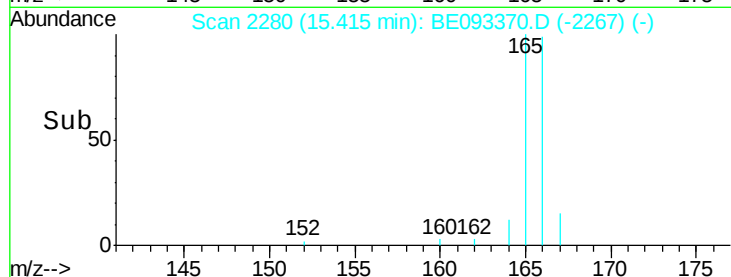
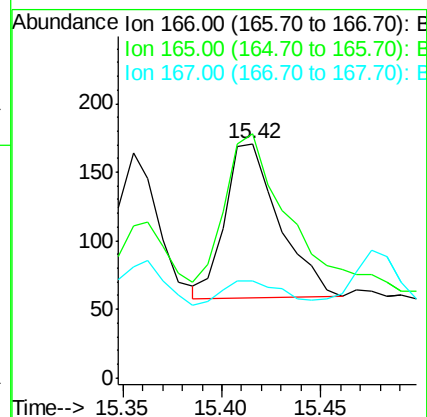
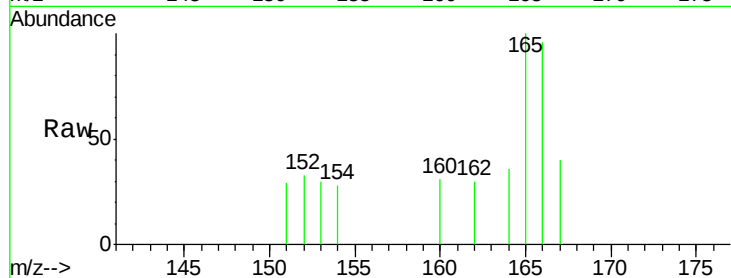
Tgt Ion:166 Resp: 214

Ion Ratio Lower Upper

166 100

165 104.1 73.4 110.2

167 41.5 14.6 22.0#



#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

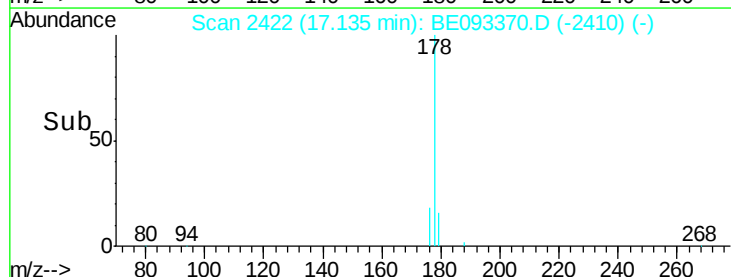
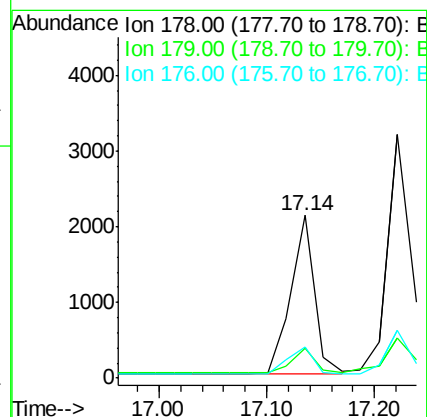
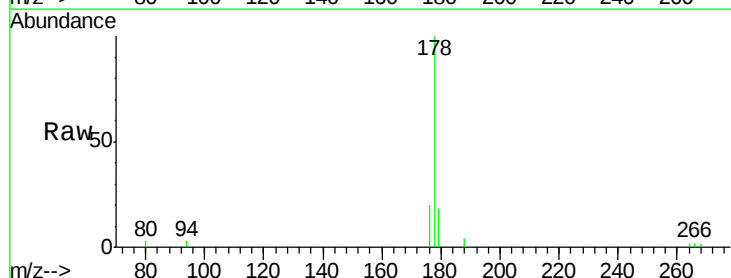
Tgt Ion:178 Resp: 3200

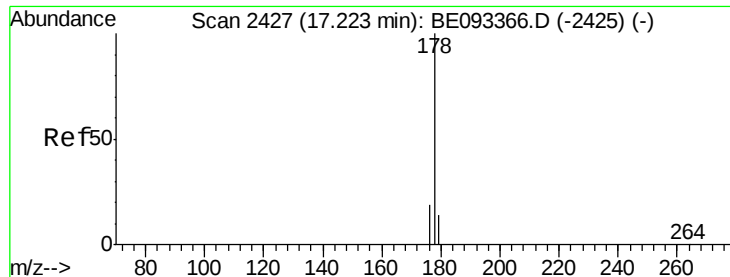
Ion Ratio Lower Upper

178 100

179 18.3 18.4 27.6#

176 19.5 13.6 20.4





#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

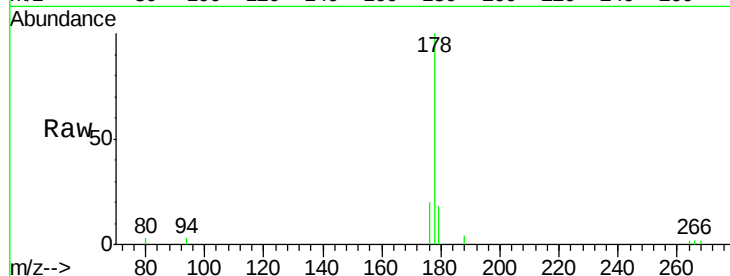
Tgt Ion:178 Resp: 3183

Ion Ratio Lower Upper

178 100

179 18.3 18.1 27.1

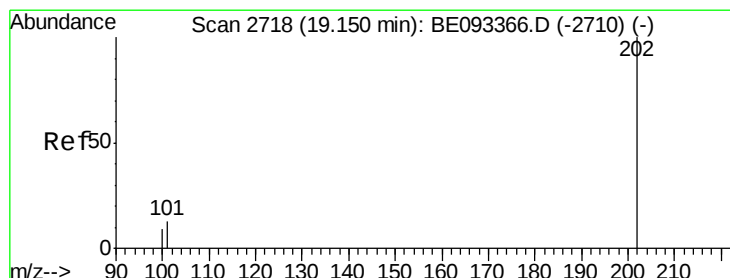
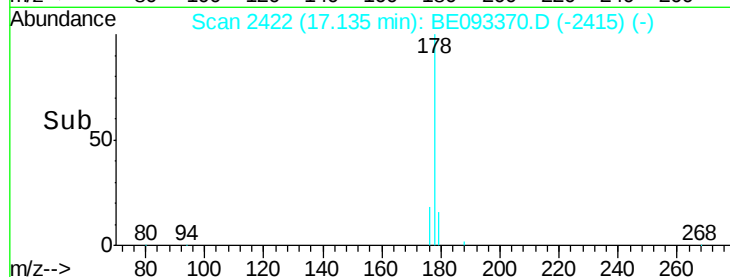
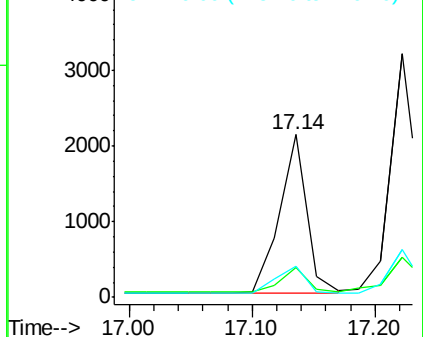
176 19.5 14.7 22.1



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: 0.85 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

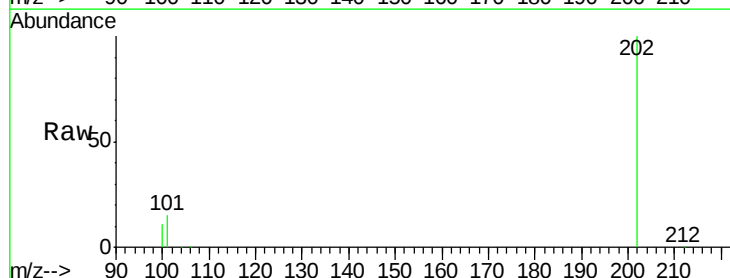
Tgt Ion:202 Resp: 34880

Ion Ratio Lower Upper

202 100

101 14.5 0.0 30.3

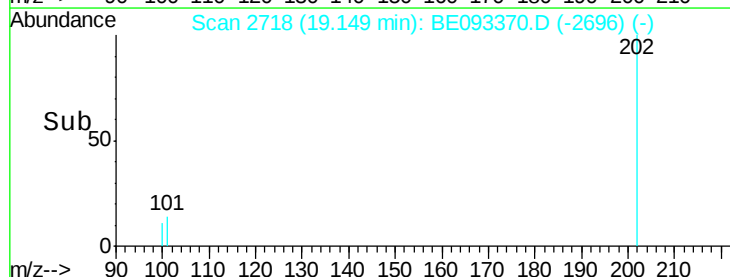
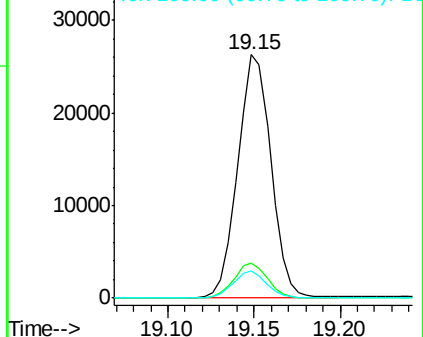
100 11.2 0.0 39.5

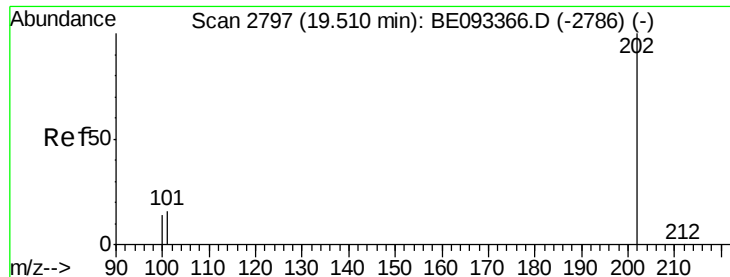


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pyrene

Concen: 1.10 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

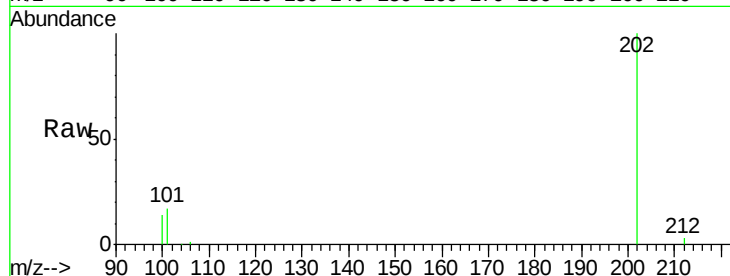
Tgt Ion:202 Resp: 44887

Ion Ratio Lower Upper

202 100

101 16.7 18.2 27.4#

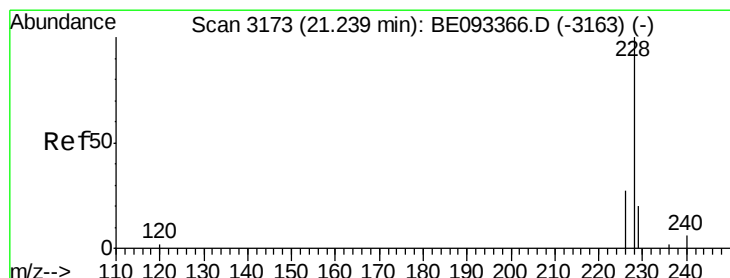
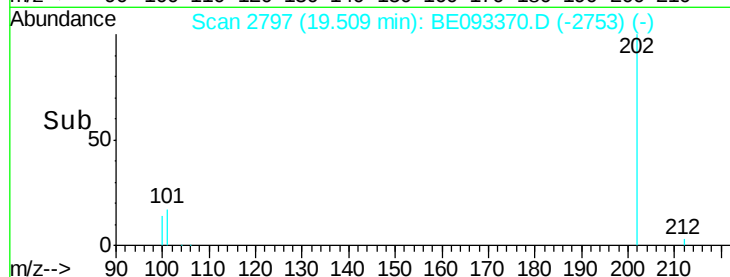
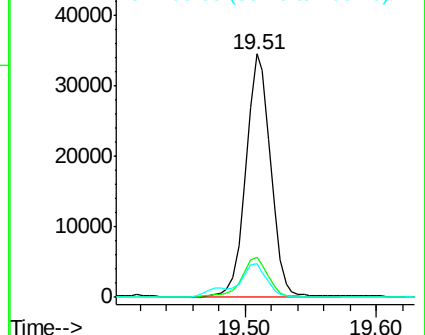
100 13.6 15.6 23.4#



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): BE



#18

Benzo(a)anthracene

Concen: 0.78 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

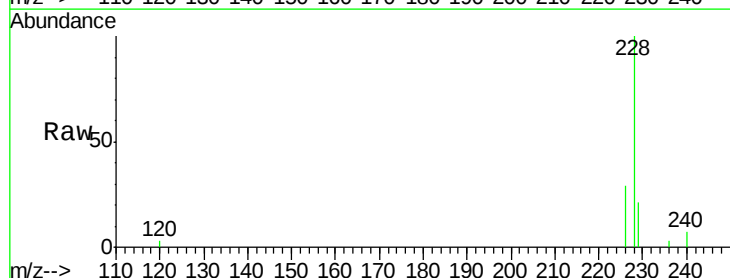
Tgt Ion:228 Resp: 28623

Ion Ratio Lower Upper

228 100

229 21.0 22.8 34.2#

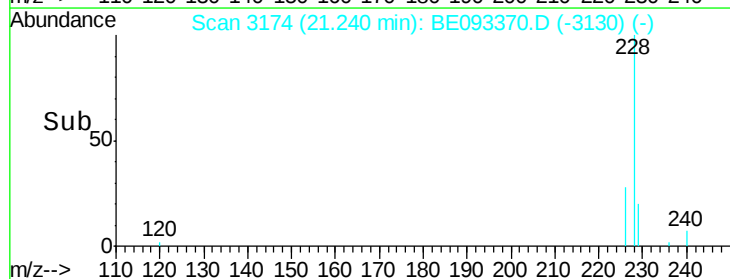
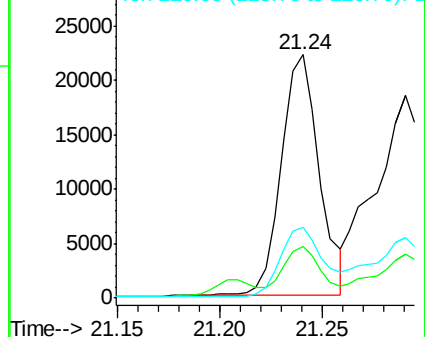
226 29.0 17.0 25.6#

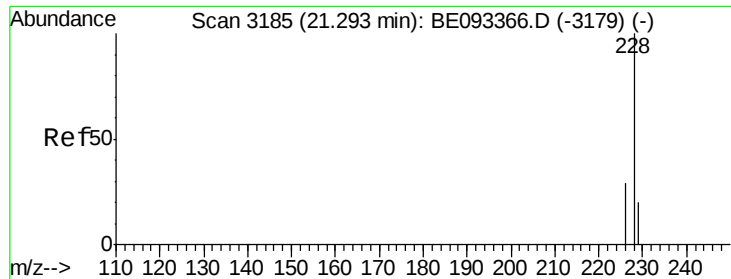


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.82 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

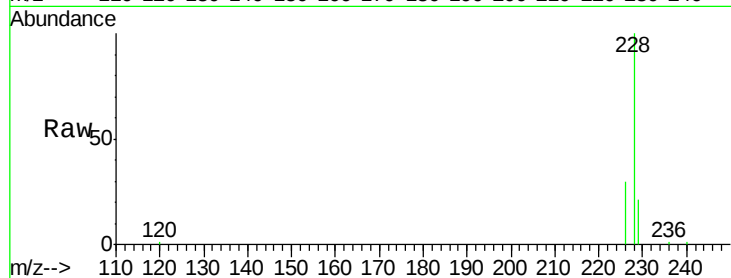
Tgt Ion:228 Resp: 31507

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

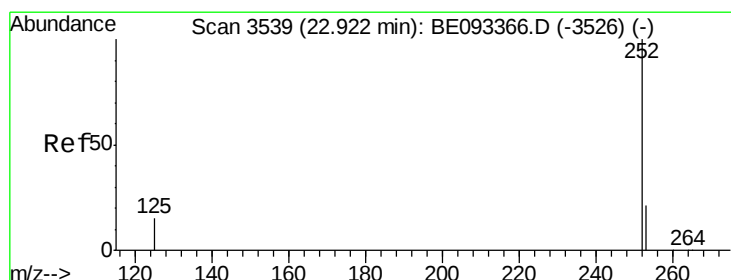
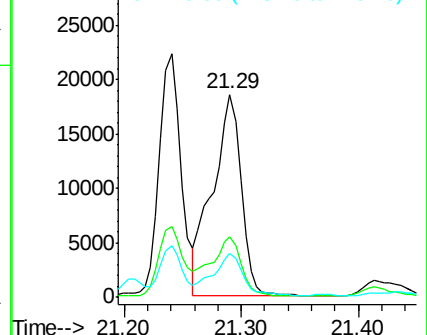
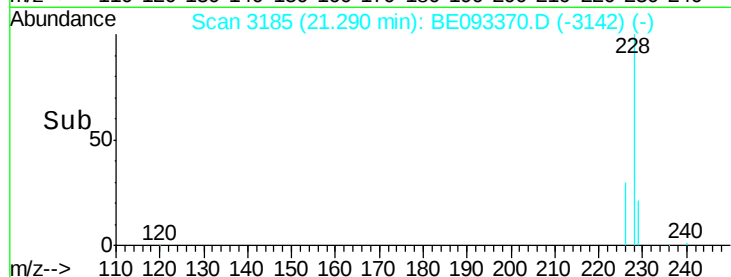
229 21.5 17.7 26.5



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: 1.94 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

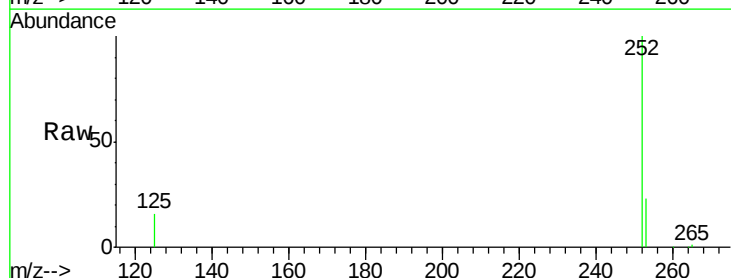
Tgt Ion:252 Resp: 71934

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

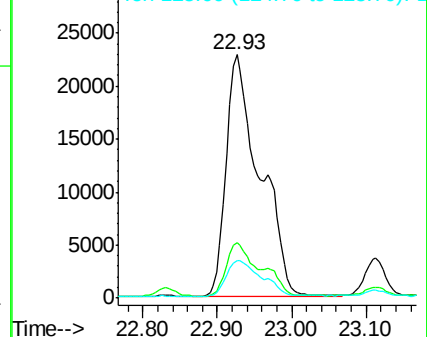
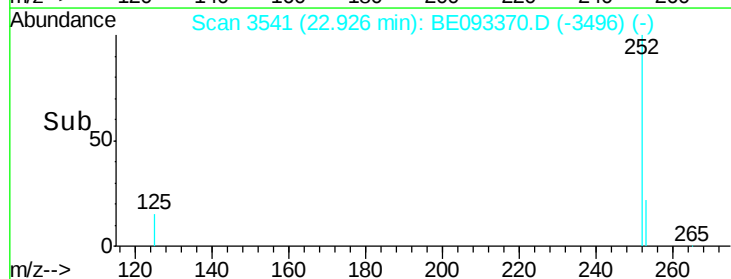
125 15.6 0.0 35.0

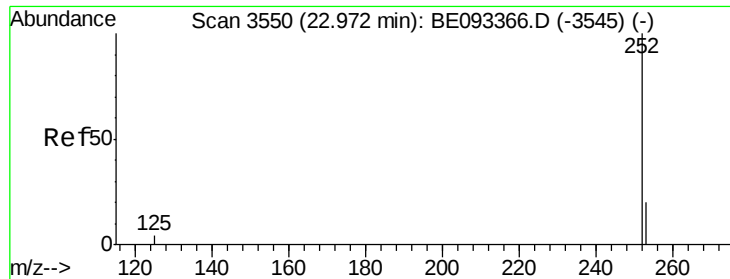


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.83 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

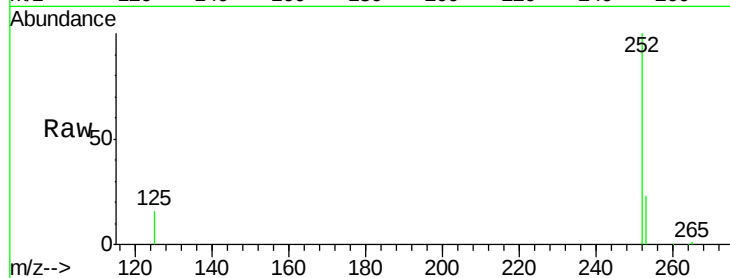
Tgt Ion:252 Resp: 71934

Ion Ratio Lower Upper

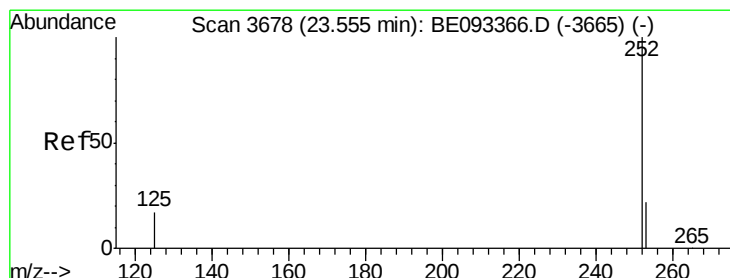
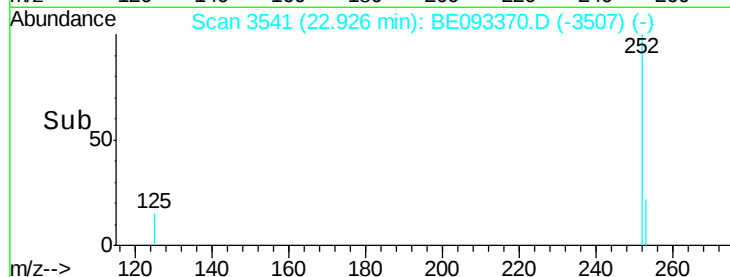
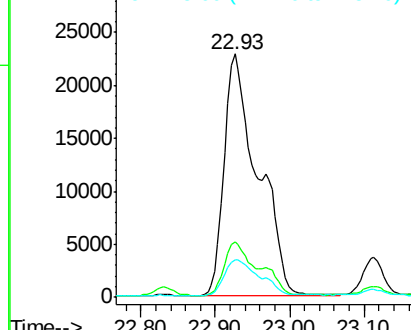
252 100

253 22.8 24.5 36.7#

125 15.6 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: 0.76 ng/ul

RT: 23.55 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

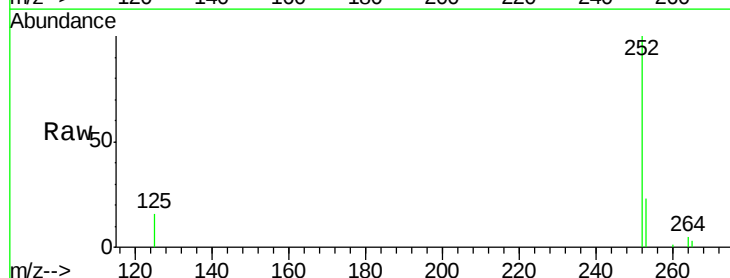
Tgt Ion:252 Resp: 26751

Ion Ratio Lower Upper

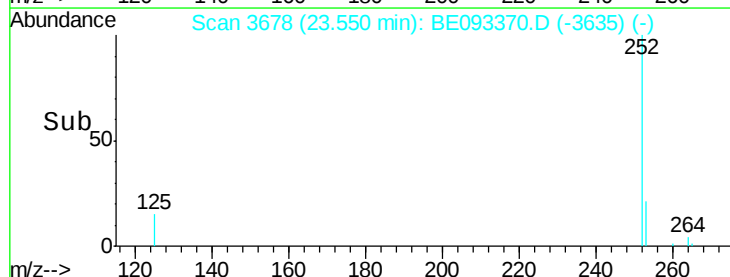
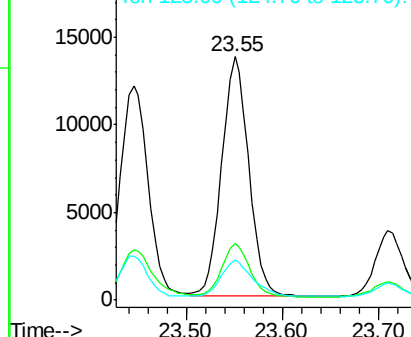
252 100

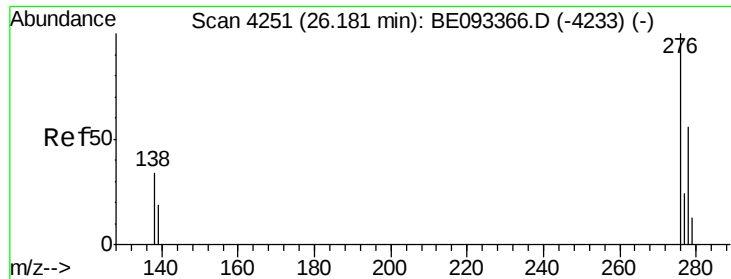
253 23.3 28.5 42.7#

125 16.2 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.44 ng/ul

RT: 26.17 min Scan# 4250

Delta R.T. -0.01 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL

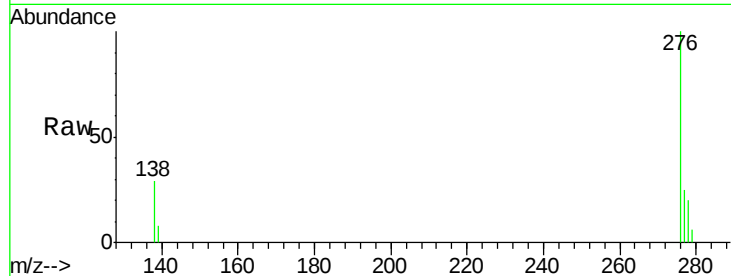
Tgt Ion:276 Resp: 17778

Ion Ratio Lower Upper

276 100

138 30.3 28.0 42.0

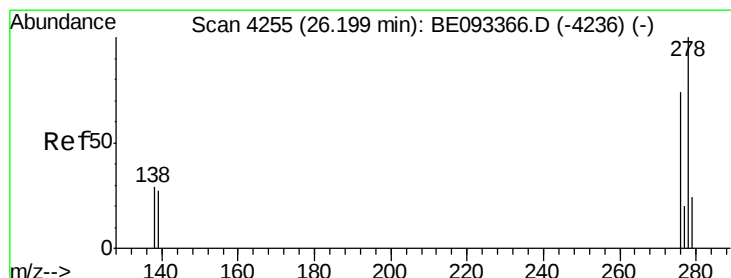
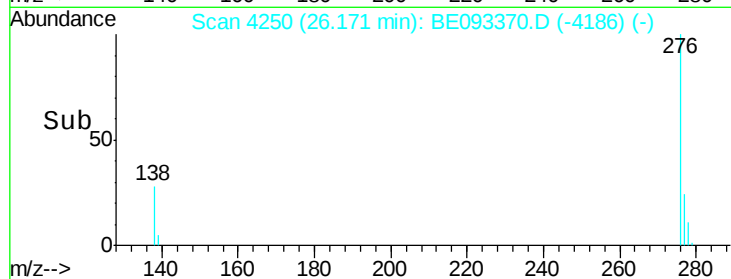
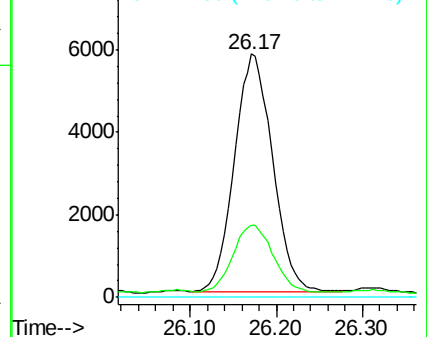
227 0.0 8.0 12.0#



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: 0.14 ng/ul

RT: 26.18 min Scan# 4252

Delta R.T. -0.02 min

Lab File: BE093370.D

Acq: 24 Jun 2017 20:14

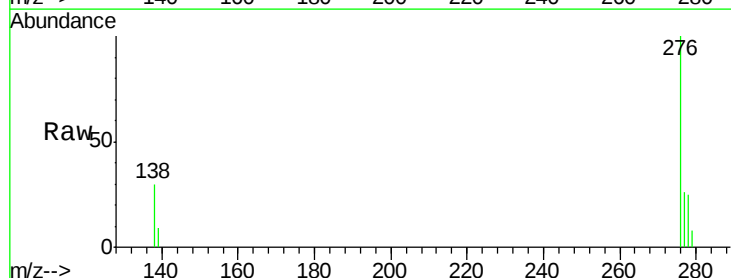
Tgt Ion:278 Resp: 4796

Ion Ratio Lower Upper

278 100

139 38.0 17.4 26.0#

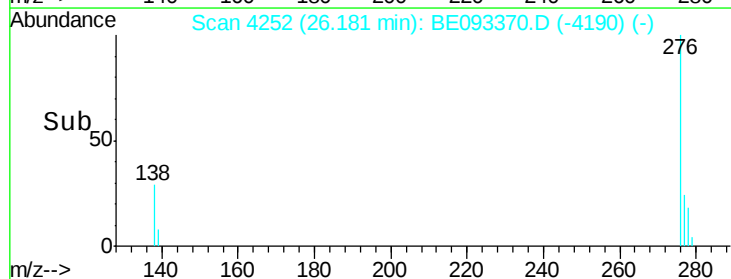
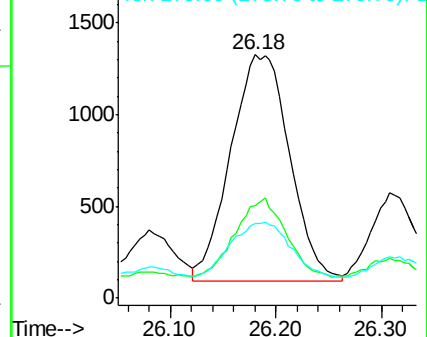
279 30.9 25.9 38.9

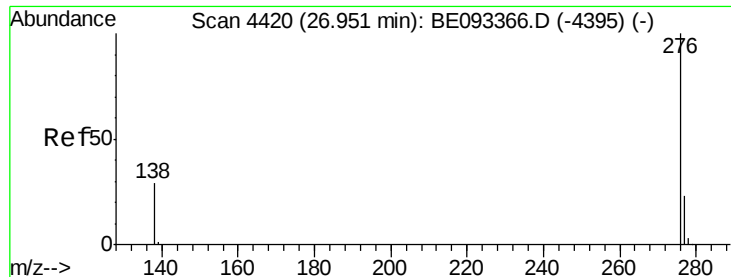


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.36 ng/ul

RT: 26.95 min Scan# 4421

Delta R.T. -0.00 min

Lab File: BE093370.D

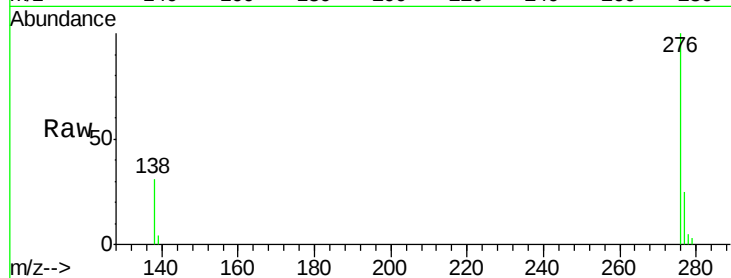
Acq: 24 Jun 2017 20:14

Instrument :

BNA_E

ClientSampleId :

F5A69DL



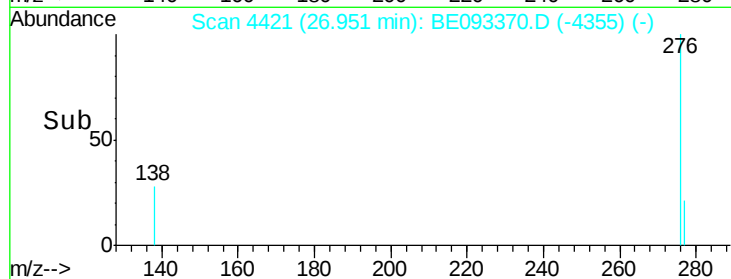
Tgt Ion:276 Resp: 12439

Ion Ratio Lower Upper

276 100

138 30.9 21.8 32.8

277 24.9 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

