

Data Path : Z:\HPCHEM1\BNA E\Data\BE042318\
 Data File : BE096104.D
 Acq On : 24 Apr 2018 2:37
 Operator : SJ/JU
 Sample : J2434-14DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9DL

Quant Time: Apr 24 11:01:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

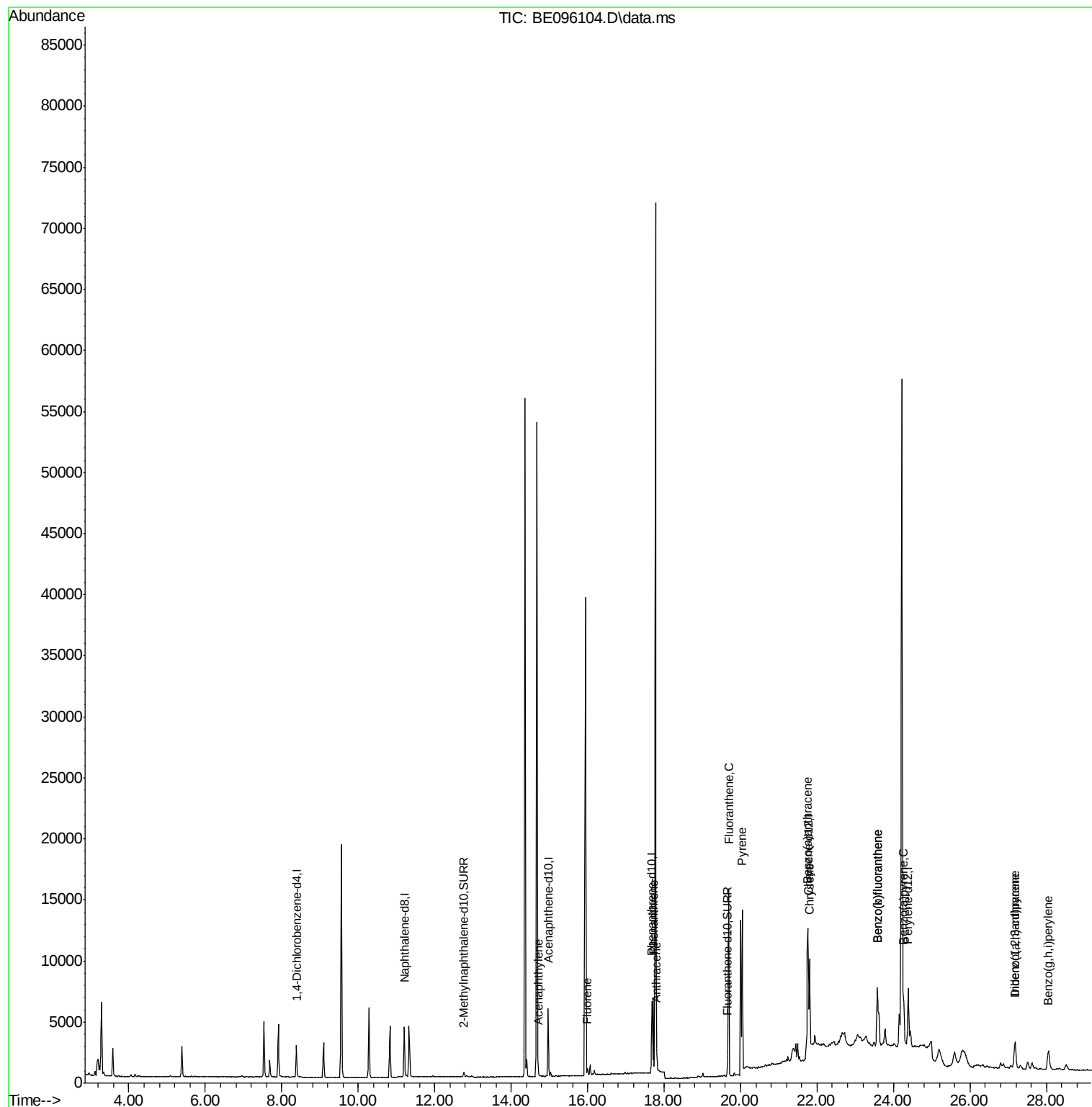
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.384	152	1994	0.40	ng/ul	0.00
2) Naphthalene-d8	11.202	136	5453	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.967	164	3091	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.677	188	6776	0.40	ng/ul	0.00
16) Chrysene-d12	21.765	240	8147	0.40	ng/ul	0.00
20) Perylene-d12	24.388	264	6696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.763	152	487	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.659	212	1286	0.05	ng/ul	0.00
Target Compounds						
					Ovalue	
7) Acenaphthylene	14.702	152	444	0.03	ng/ul#	67
9) Fluorene	15.995	166	336	0.03	ng/ul#	83
12) Phenanthrene	17.719	178	6305	0.32	ng/ul#	90
13) Anthracene	17.804	178	1576	0.08	ng/ul#	92
15) Fluoranthene	19.688	202	17200	0.63	ng/ul	83
17) Pyrene	20.040	202	14759	0.53	ng/ul#	79
18) Benzo(a)anthracene	21.751	228	9652	0.29	ng/ul#	86
19) Chrysene	21.808	228	7208	0.30	ng/ul	91
21) Benzo(b)fluoranthene	23.573	252	13017	0.60	ng/ul	93
22) Benzo(k)fluoranthene	23.573	252	13017	0.60	ng/ul	95
23) Benzo(a)pyrene	24.269	252	6939	0.33	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	27.179	276	4461	0.19	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.183	278	1236	0.07	ng/ul#	45
26) Benzo(g,h,i)perylene	28.053	276	3960	0.20	ng/ul#	88

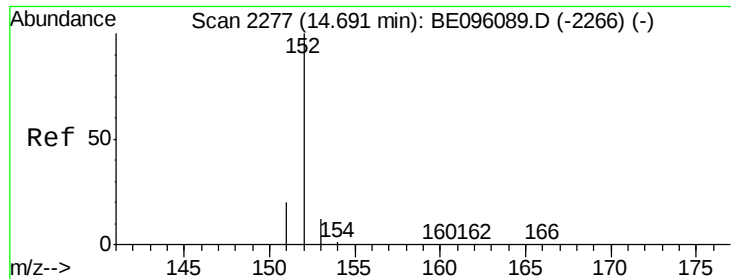
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.702 min Scan# 22

Delta R.T. 0.006 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

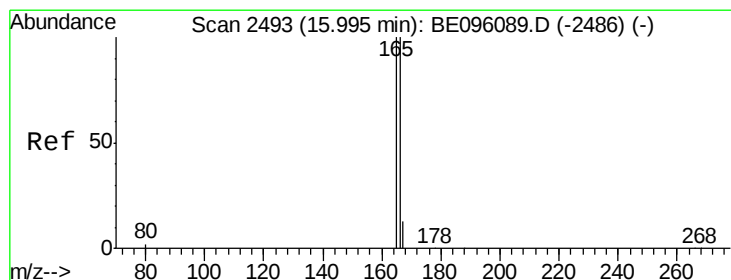
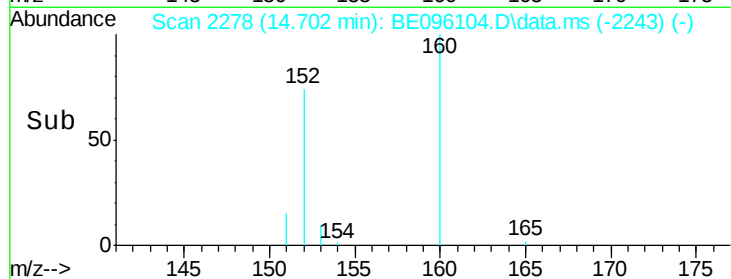
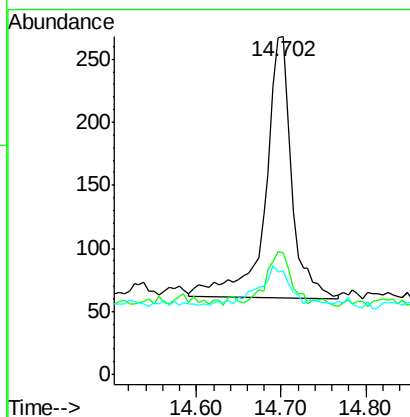
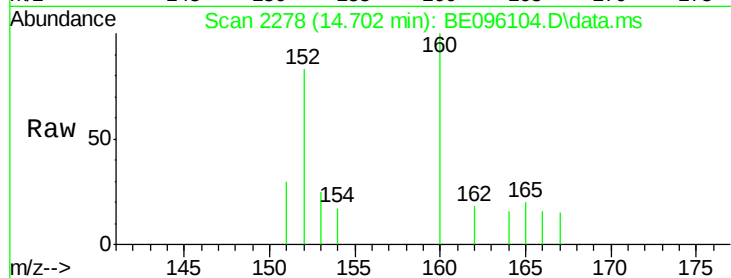
Tot Ion:152 Resp: 444

Ion Ratio Lower Upper

152 100

151 36.2 17.1 25.7#

153 30.6 12.8 19.2#



#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.995 min Scan# 2492

Delta R.T. 0.001 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

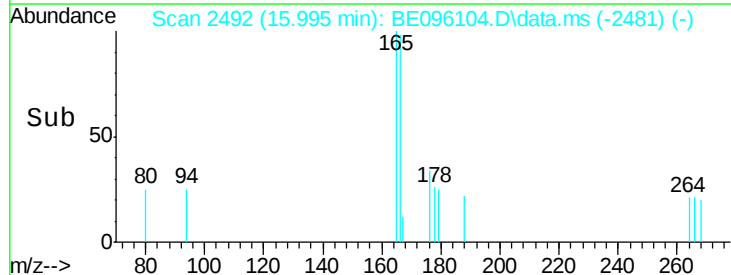
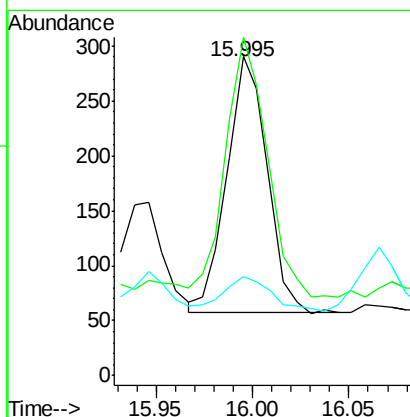
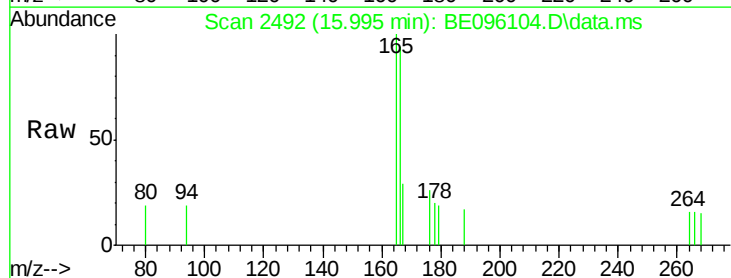
Tgt Ion:166 Resp: 336

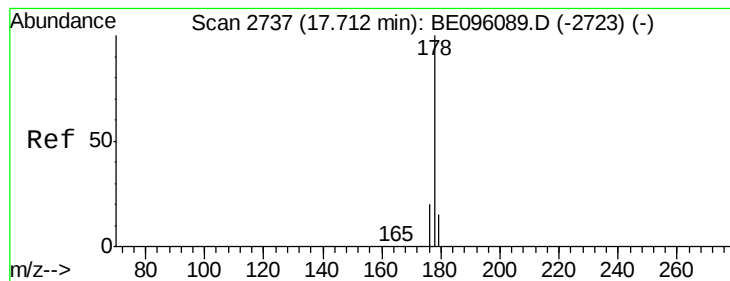
Ion Ratio Lower Upper

166 100

165 106.2 73.4 110.2

167 31.0 14.6 22.0#





#12

Phenanthrene

Concen: 0.32 ng/ul

RT: 17.719 min Scan# 27

Delta R.T. 0.001 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

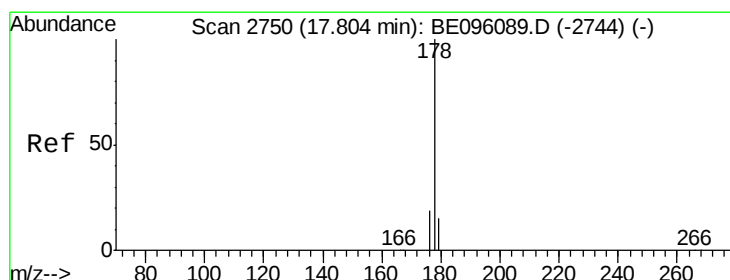
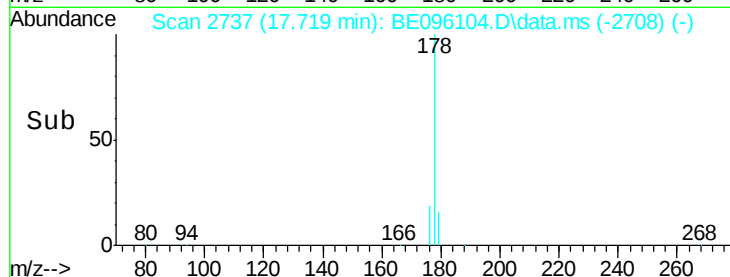
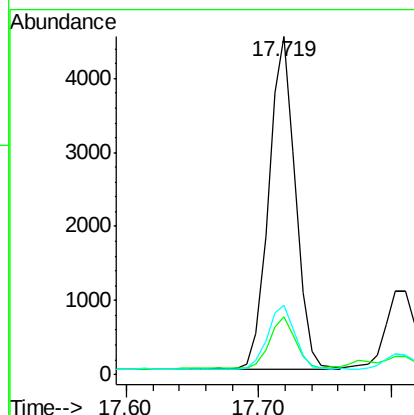
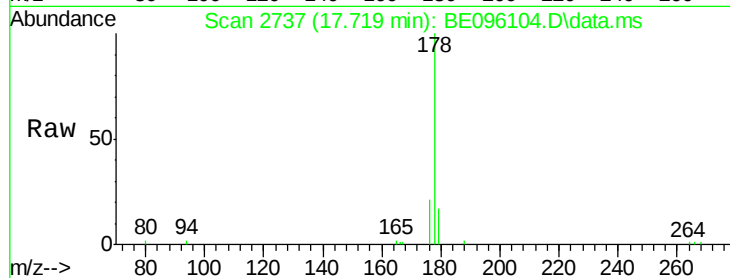
Tot Ion:178 Resp: 6305

Ion Ratio Lower Upper

178 100

179 17.2 18.4 27.6#

176 20.5 13.6 20.4#



#13

Anthracene

Concen: 0.08 ng/ul

RT: 17.804 min Scan# 2749

Delta R.T. 0.001 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

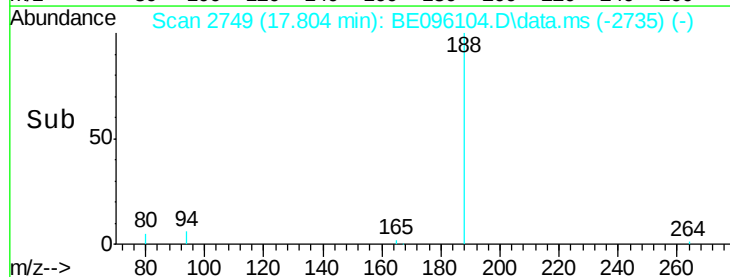
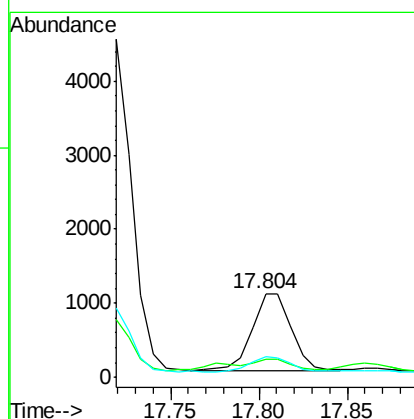
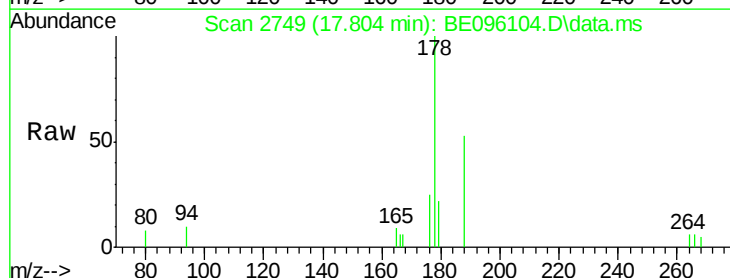
Tgt Ion:178 Resp: 1576

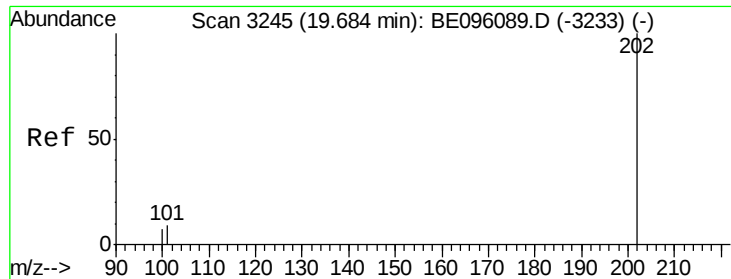
Ion Ratio Lower Upper

178 100

179 21.5 18.1 27.1

176 24.9 14.7 22.1#





#15

Fluoranthene

Concen: 0.63 ng/ul

RT: 19.688 min Scan# 32

Delta R.T. 0.004 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

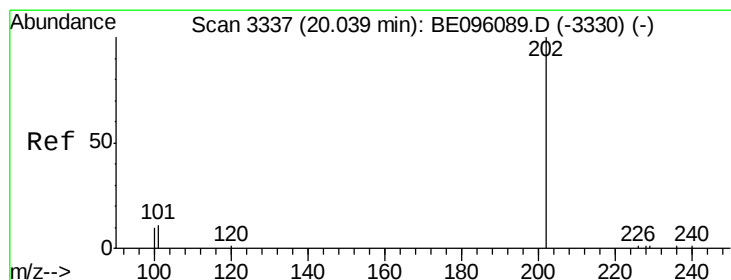
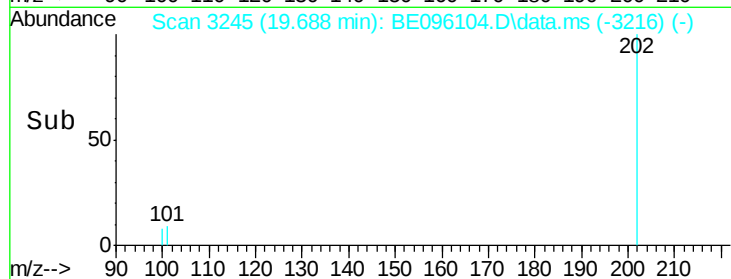
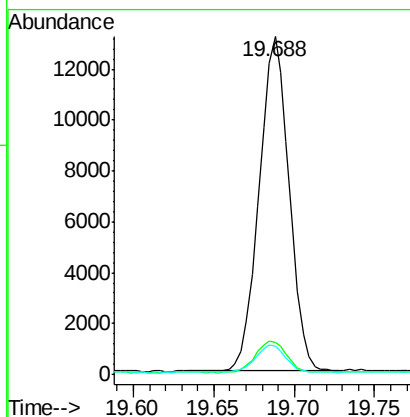
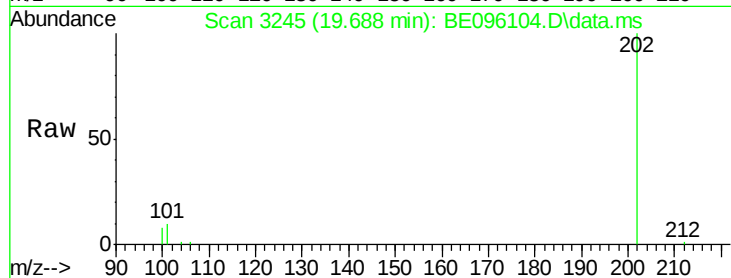
Tot Ion:202 Resp: 17200

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

100 8.2 0.0 39.5



#17

Pyrene

Concen: 0.53 ng/ul

RT: 20.040 min Scan# 3336

Delta R.T. -0.000 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

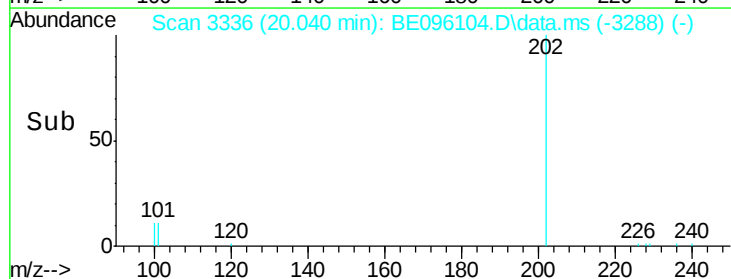
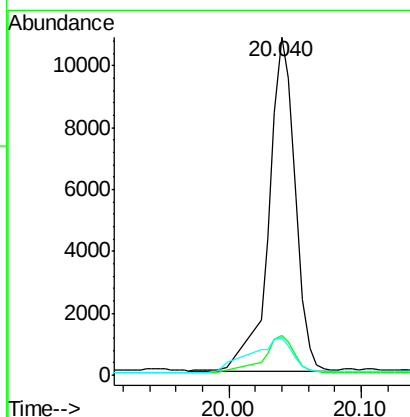
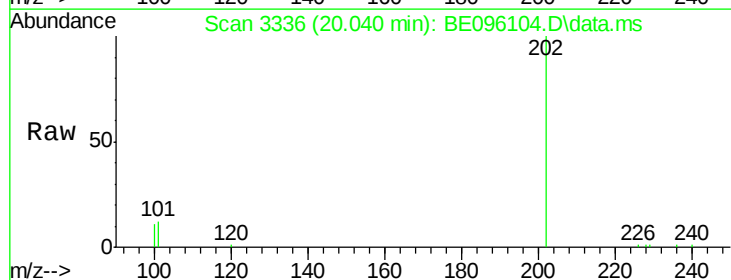
Tgt Ion:202 Resp: 14759

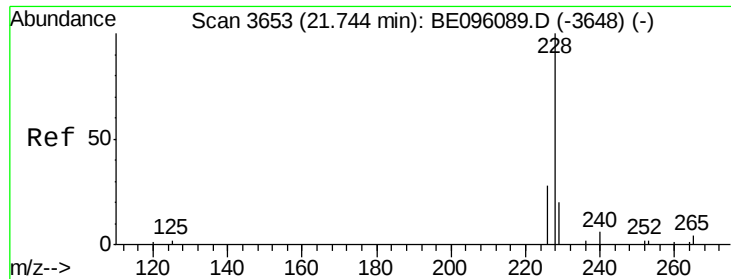
Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

100 11.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.29 ng/ul

RT: 21.751 min Scan# 3653

Delta R.T. 0.007 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

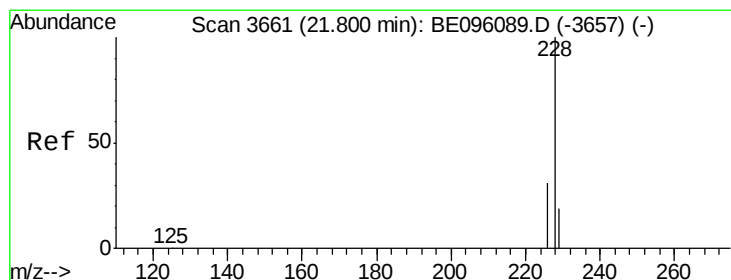
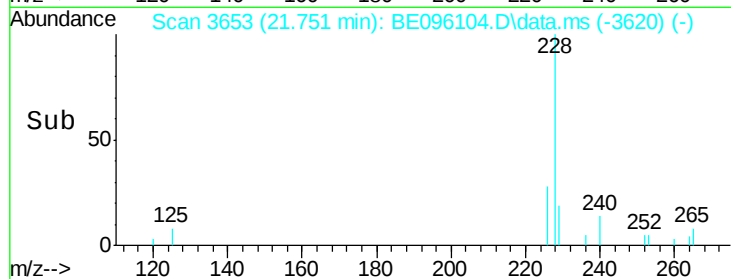
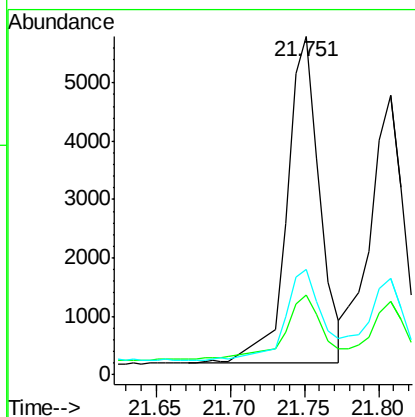
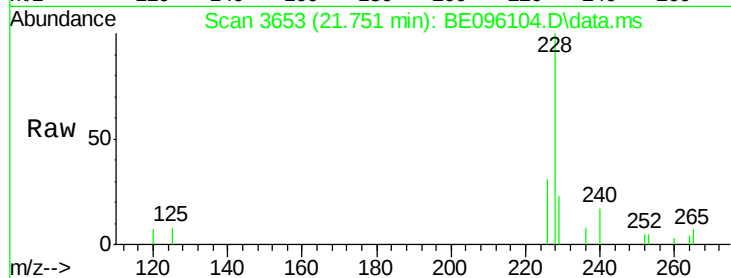
Tot Ion:228 Resp: 9652

Ion Ratio Lower Upper

228 100

229 23.5 22.8 34.2

226 31.2 17.0 25.6#



#19

Chrysene

Concen: 0.30 ng/ul

RT: 21.808 min Scan# 3661

Delta R.T. 0.000 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

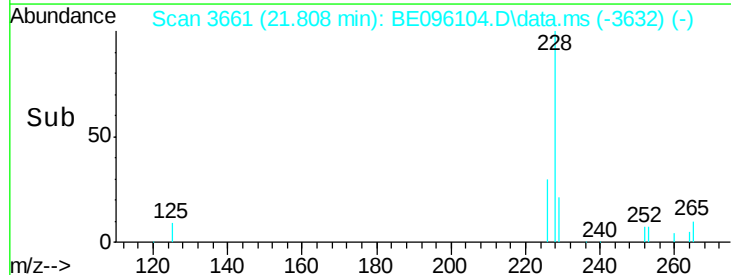
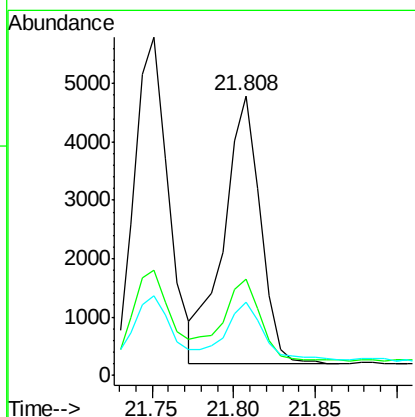
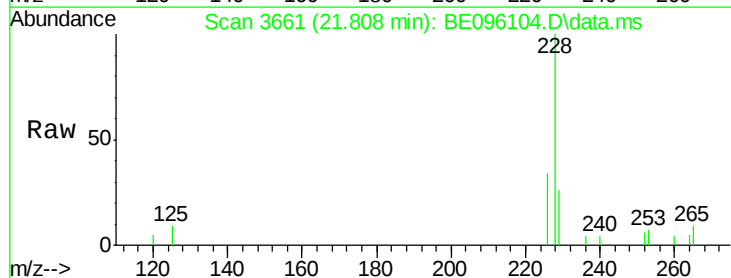
Tgt Ion:228 Resp: 7208

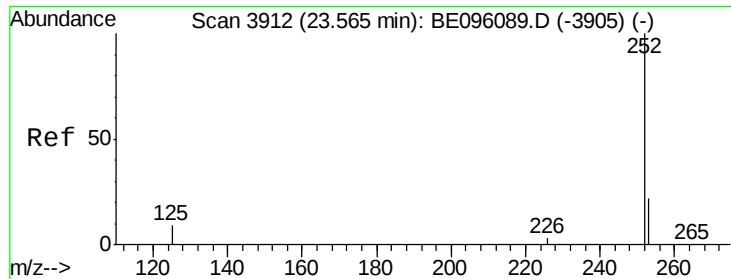
Ion Ratio Lower Upper

228 100

226 34.4 23.4 35.0

229 26.1 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.60 ng/ul

RT: 23.573 min Scan# 3912

Delta R.T. 0.007 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

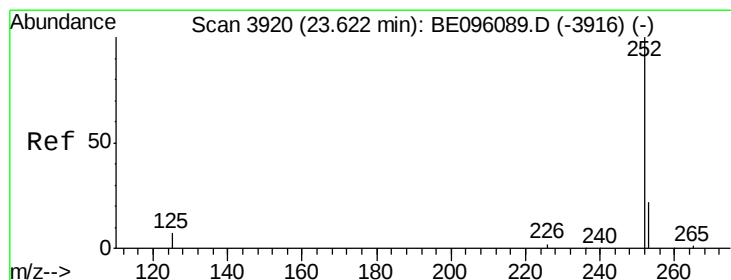
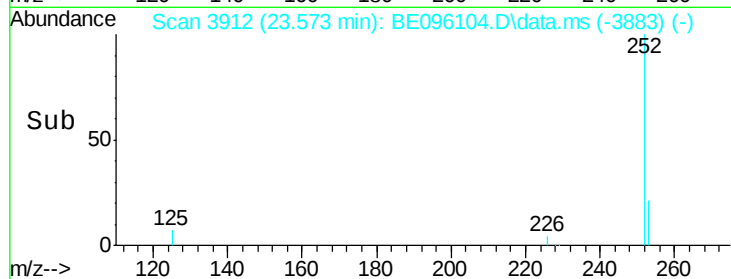
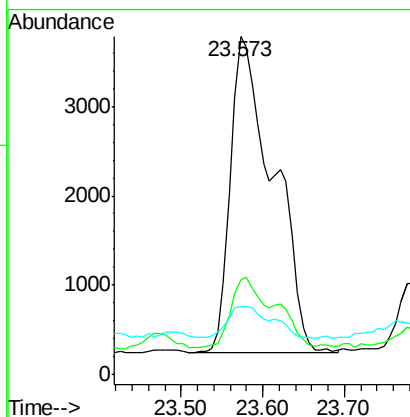
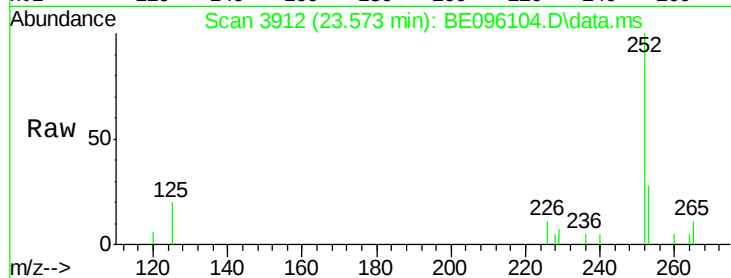
Tot Ion:252 Resp: 13017

Ion Ratio Lower Upper

252 100

253 28.2 0.0 64.2

125 20.1 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.60 ng/ul

RT: 23.573 min Scan# 3912

Delta R.T. -0.049 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

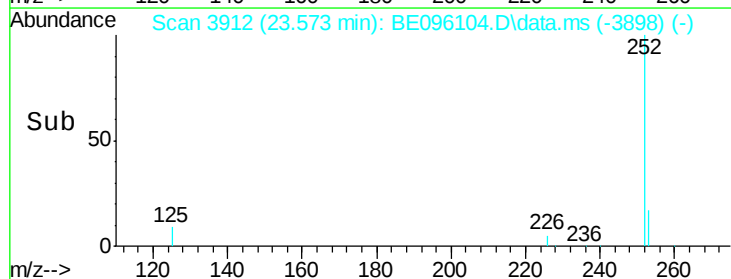
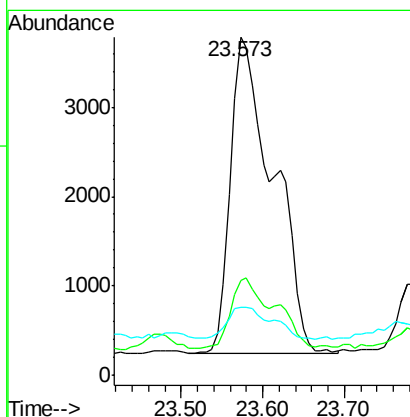
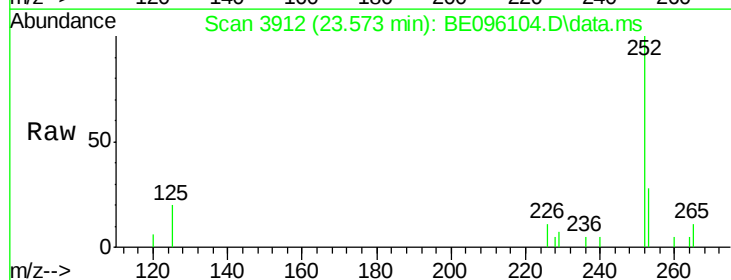
Tgt Ion:252 Resp: 13017

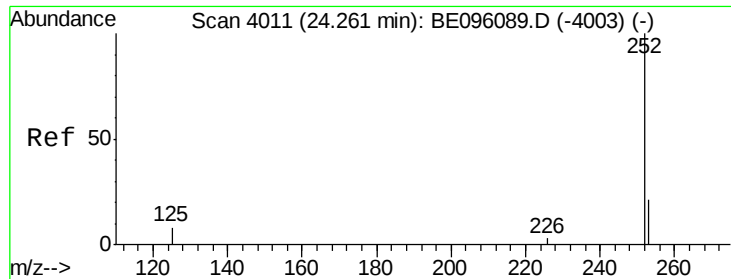
Ion Ratio Lower Upper

252 100

253 28.2 24.5 36.7

125 20.1 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.33 ng/ul

RT: 24.269 min Scan# 4011

Delta R.T. 0.007 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

Instrument :

BNA_E

ClientSampleId :

C0AC9DL

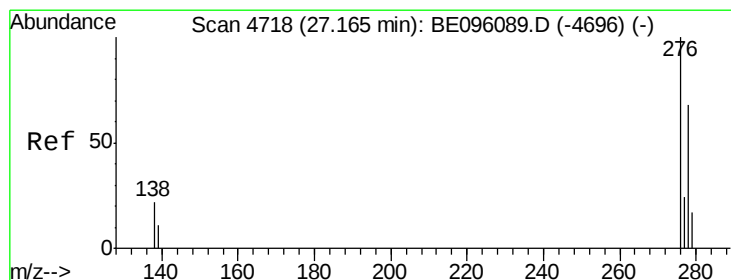
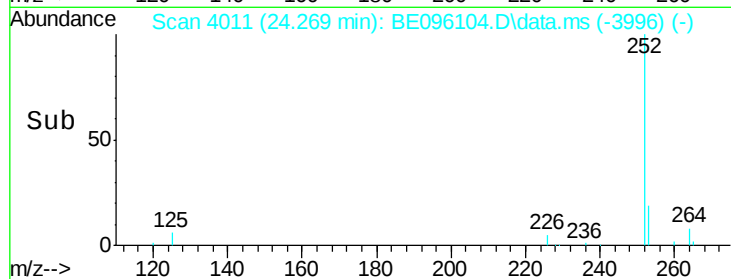
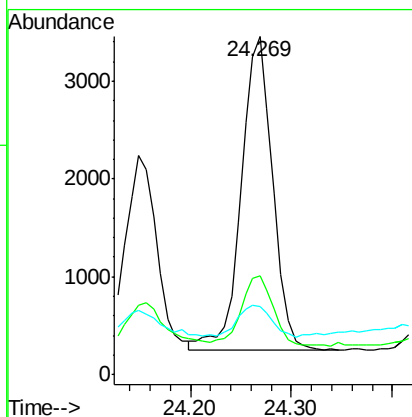
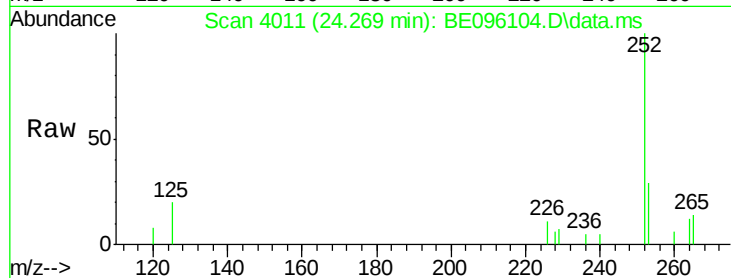
Tot Ion:252 Resp: 6939

Ion Ratio Lower Upper

252 100

253 29.3 28.5 42.7

125 20.1 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.19 ng/ul

RT: 27.179 min Scan# 4721

Delta R.T. 0.014 min

Lab File: BE096104.D

Acq: 24 Apr 2018 2:37

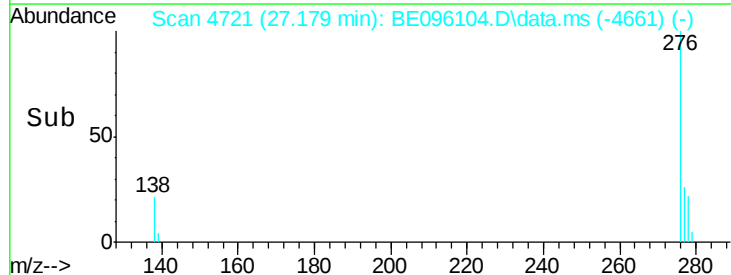
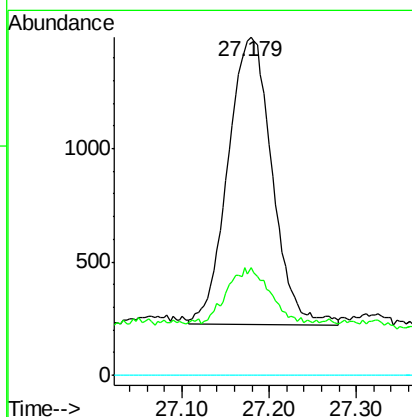
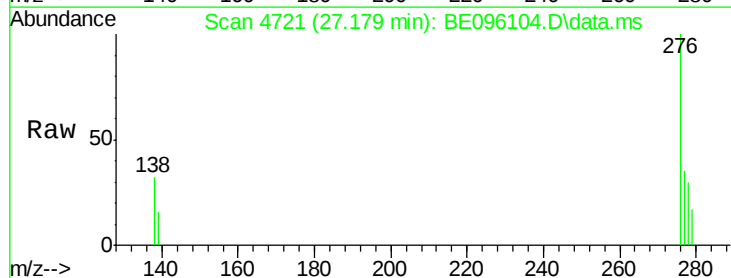
Tgt Ion:276 Resp: 4461

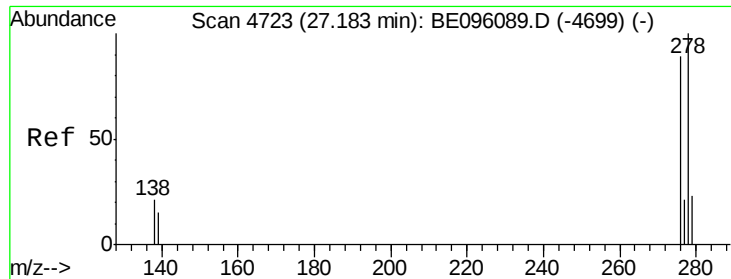
Ion Ratio Lower Upper

276 100

138 20.4 28.0 42.0#

227 0.0 8.0 12.0#

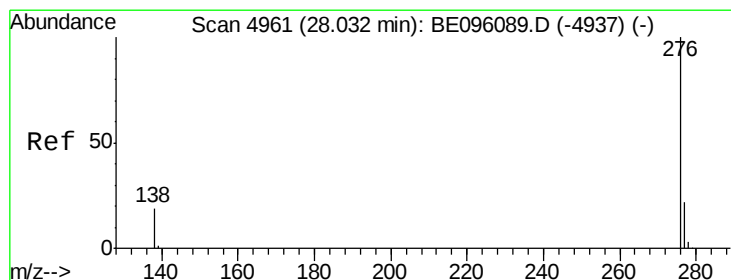
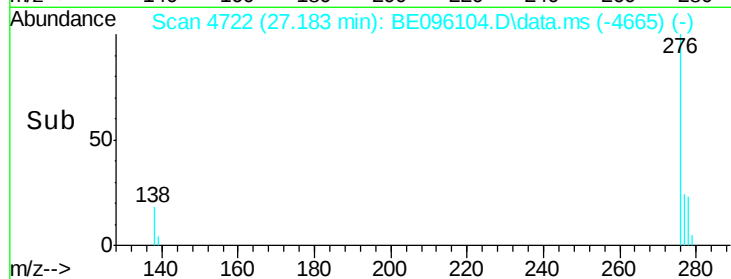
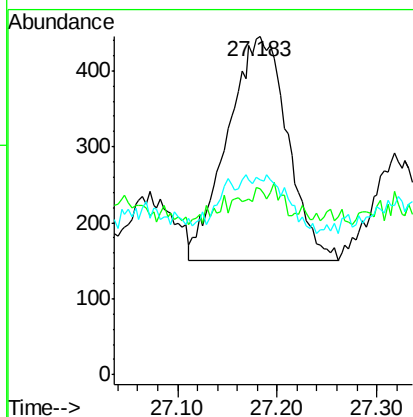
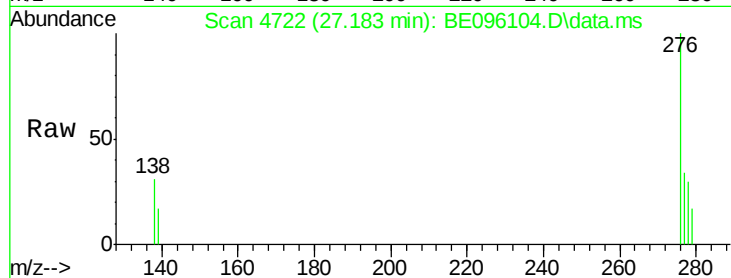




#25
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 27.183 min Scan# 47
Delta R.T. 0.003 min
Lab File: BE096104.D
Acq: 24 Apr 2018 2:37

Instrument :
BNA_E
ClientSampleId :
C0AC9DL

Tot Ion:278 Resp: 1236
Ion Ratio Lower Upper
278 100
139 55.1 17.4 26.0#
279 57.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.20 ng/ul
RT: 28.053 min Scan# 4966
Delta R.T. 0.014 min
Lab File: BE096104.D
Acq: 24 Apr 2018 2:37

Tgt Ion:276 Resp: 3960
Ion Ratio Lower Upper
276 100
138 31.5 21.8 32.8
277 34.1 20.5 30.7#

