

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096070.D
 Acq On : 21 Apr 2018 8:57
 Operator : SJ/JU
 Sample : J2434-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC0

Quant Time: Apr 23 01:10:05 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

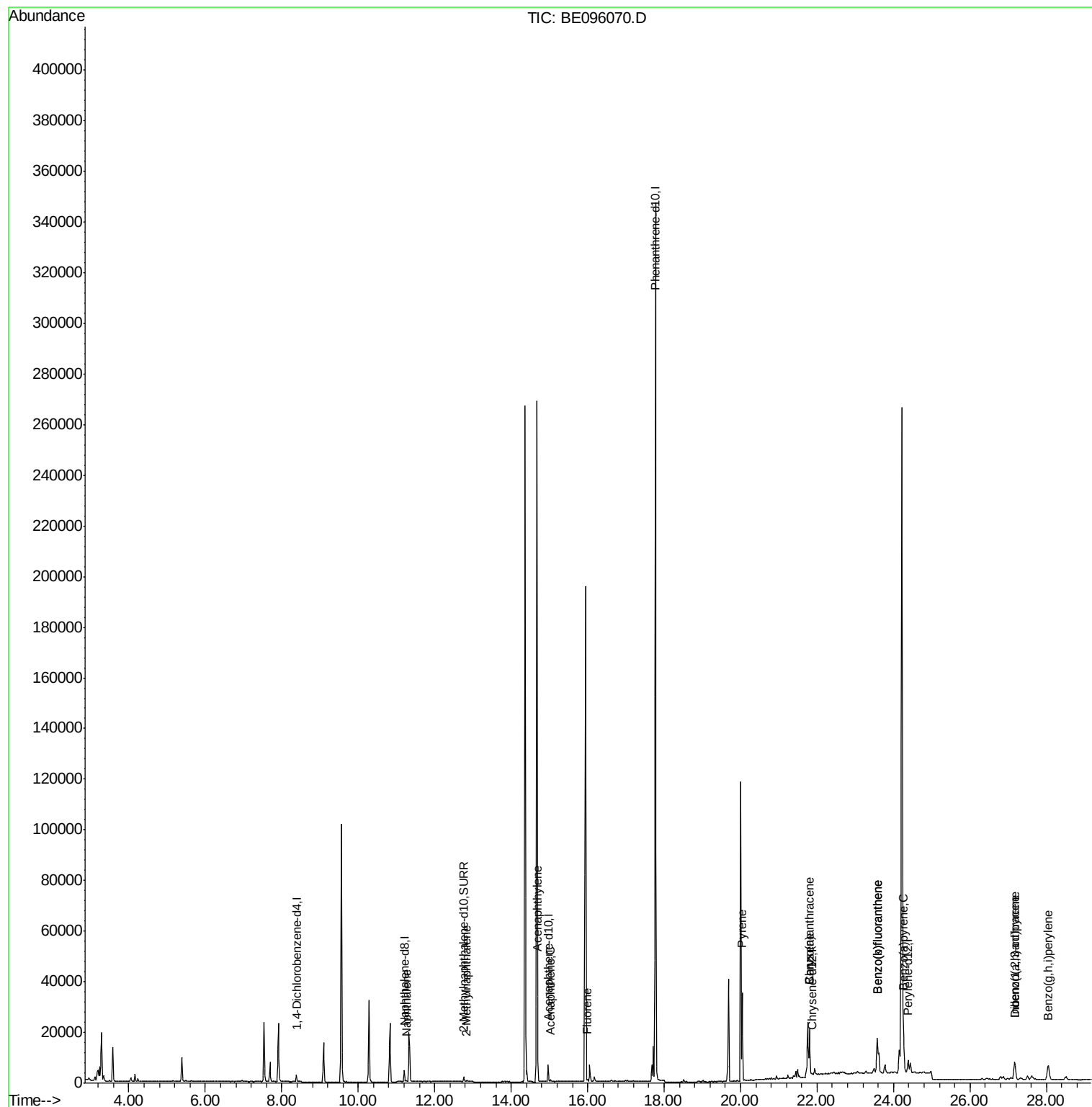
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2113	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6085	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3613	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	405687	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	14	0.40	ng/ul	0.11
20) Perylene-d12	24.38	264	8009	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2521	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.25	128	572	0.034	ng/ul#	69
5) 2-Methylnaphthalene	12.83	142	464	0.040	ng/ul	98
7) Acenaphthylene	14.70	152	662	0.035	ng/ul#	80
8) Acenaphthene	15.03	153	461	0.034	ng/ul#	88
9) Fluorene	15.99	166	517	0.034	ng/ul#	83
17) Pyrene	20.04	202	37361	785.349	ng/ul#	79
18) Benzo(a)anthracene	21.81	228	19881	351.505	ng/ul#	85
19) Chrysene	21.81	228	19782	485.956	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	36534	1.410	ng/ul	91
22) Benzo(k)fluoranthene	23.57	252	36600	1.418	ng/ul	93
23) Benzo(a)pyrene	24.27	252	19938	0.797	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.17	276	13214	0.475	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	3330	0.149	ng/ul#	71
26) Benzo(g,h,i)perylene	28.05	276	14414	0.621	ng/ul	93

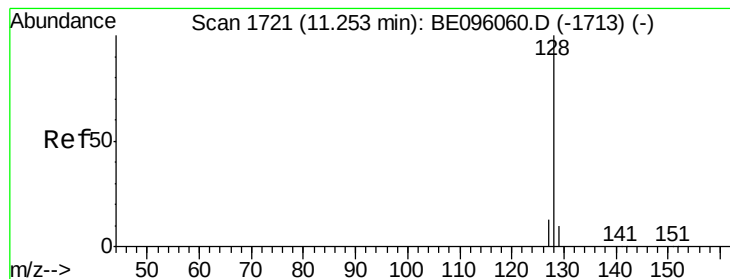
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.034 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

ClientSampleId :

C0AC0

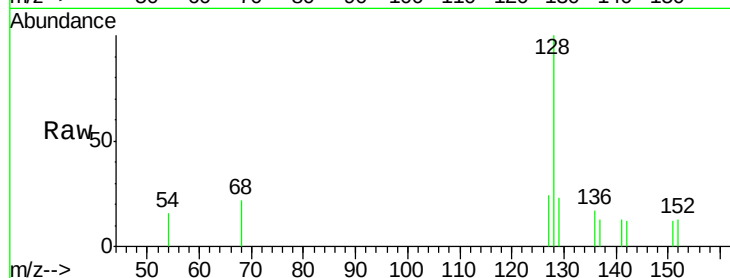
Tot Ion:128 Resp: 572

Ion Ratio Lower Upper

128 100

129 23.4 11.3 16.9#

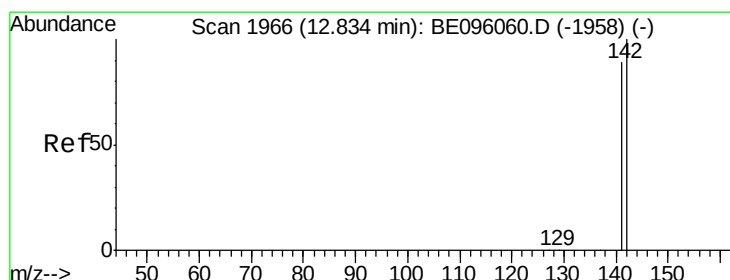
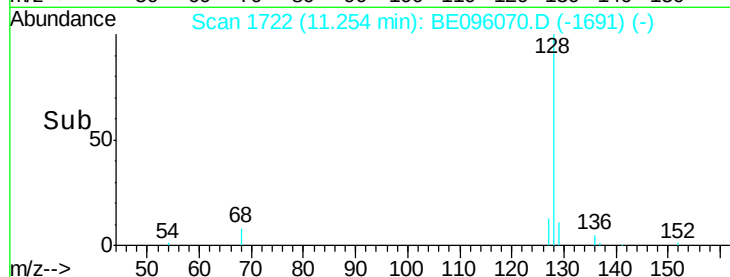
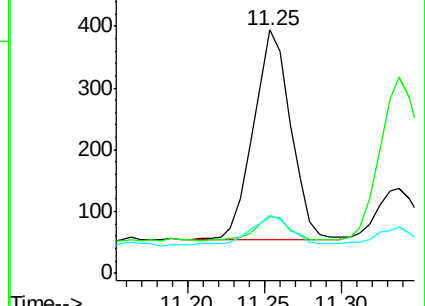
127 23.6 4.0 6.0#



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: 0.040 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096070.D

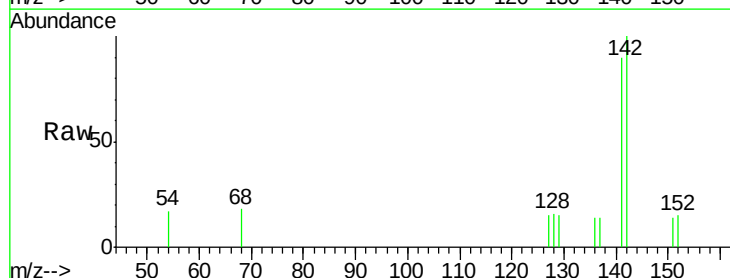
Acq: 21 Apr 2018 8:57

Tgt Ion:142 Resp: 464

Ion Ratio Lower Upper

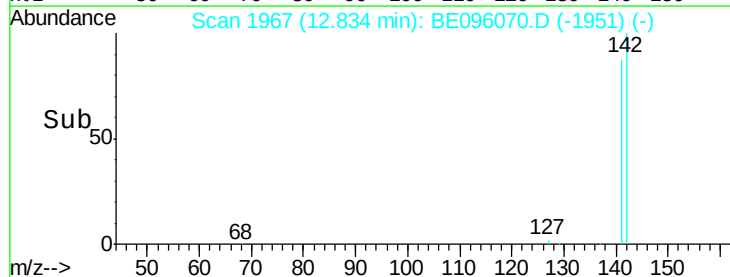
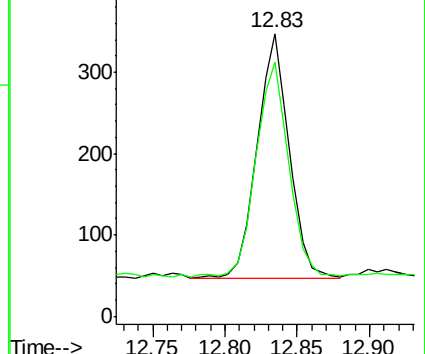
142 100

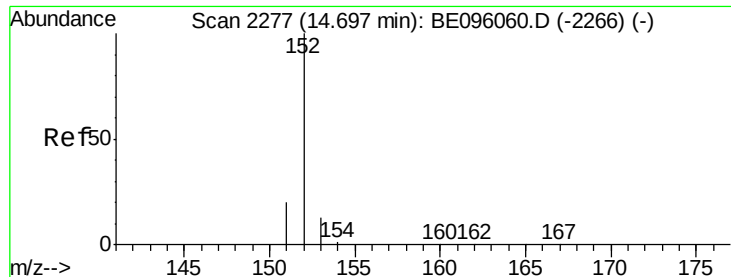
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

ClientSampleId :

C0AC0

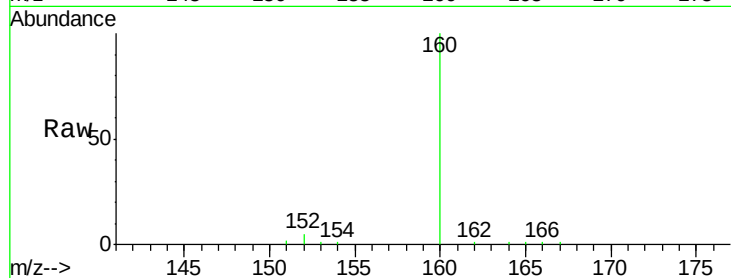
Tot Ion:152 Resp: 662

Ion Ratio Lower Upper

152 100

151 30.2 17.1 25.7#

153 25.4 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

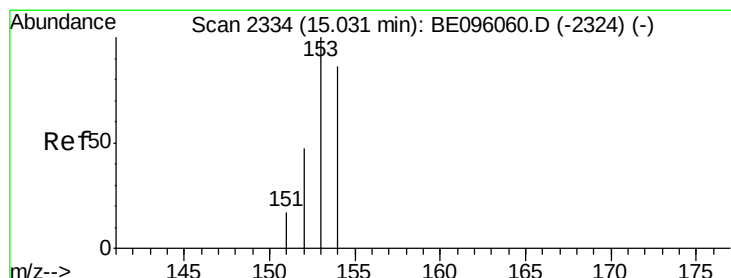
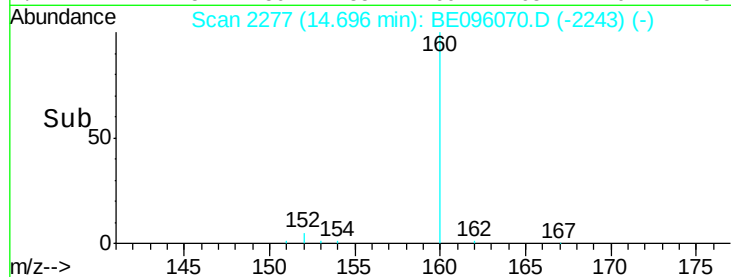
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.70

Time-->

14.60 14.70 14.80



#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

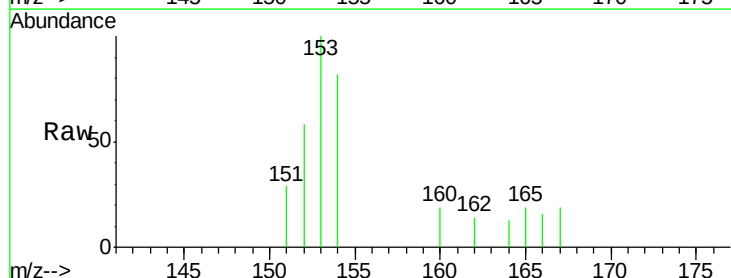
Tgt Ion:153 Resp: 461

Ion Ratio Lower Upper

153 100

152 57.8 36.0 54.0#

154 82.4 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

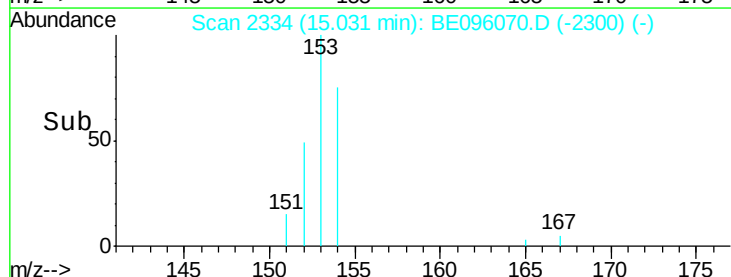
Ion 152.00 (151.70 to 152.70): E

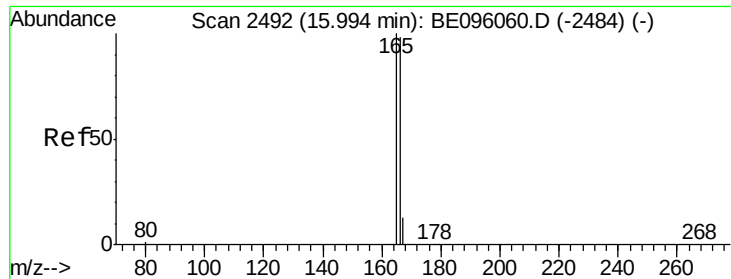
Ion 154.00 (153.70 to 154.70): E

15.03

Time-->

15.00 15.05





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

ClientSampleId :

C0AC0

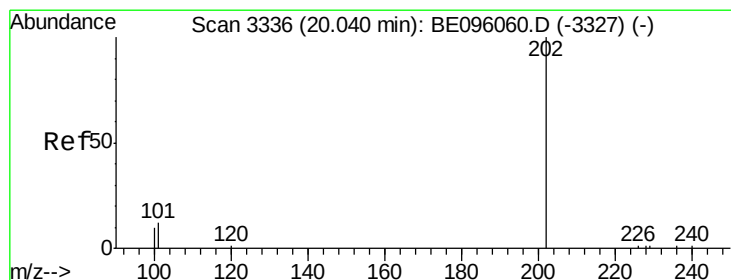
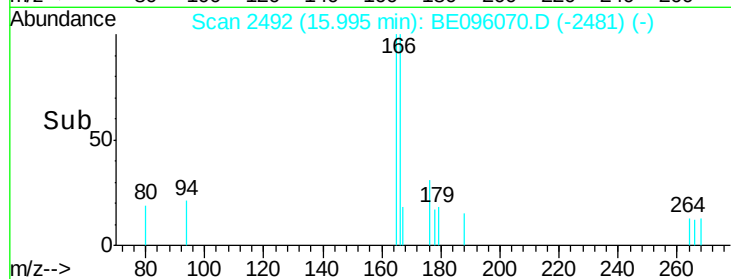
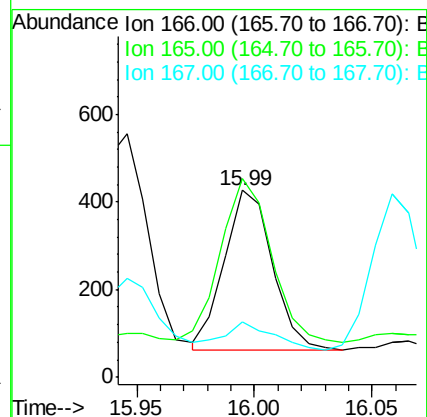
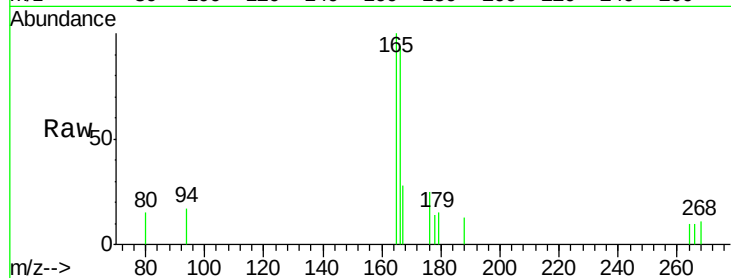
Tot Ion:166 Resp: 517

Ion Ratio Lower Upper

166 100

165 106.8 73.4 110.2

167 29.8 14.6 22.0#



#17

Pyrene

Concen: 785.349 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

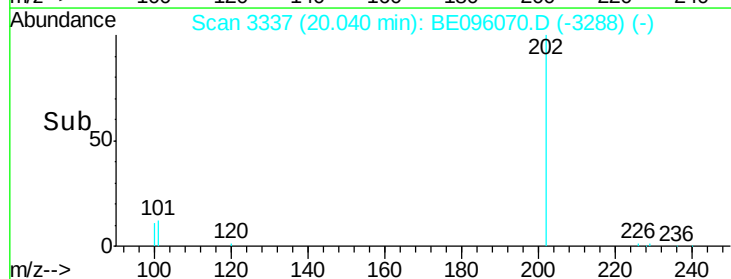
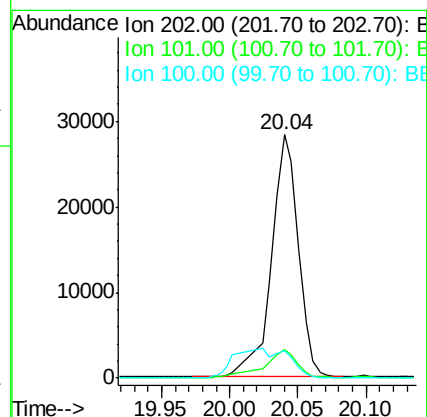
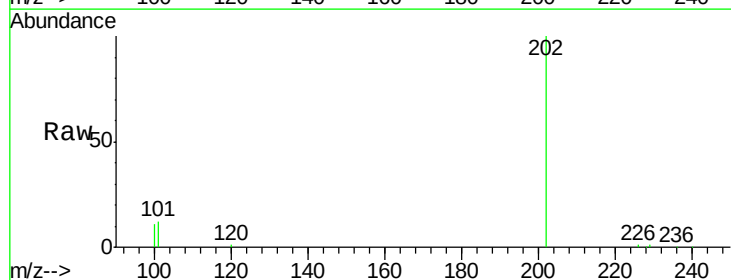
Tgt Ion:202 Resp: 37361

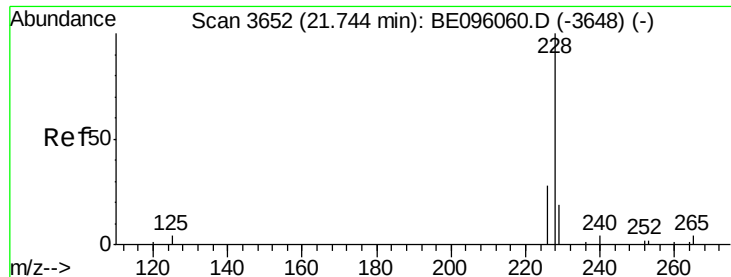
Ion Ratio Lower Upper

202 100

101 12.0 18.2 27.4#

100 11.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 351.505 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.06 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

ClientSampleId :

C0AC0

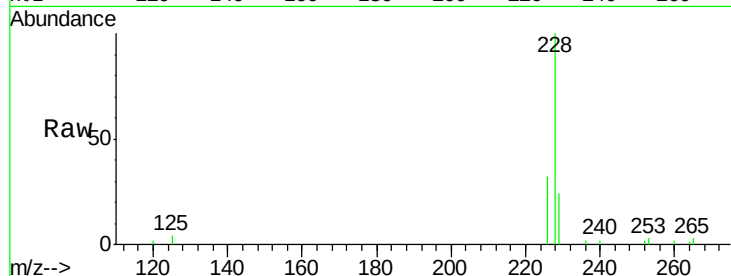
Tot Ion:228 Resp: 19881

Ion Ratio Lower Upper

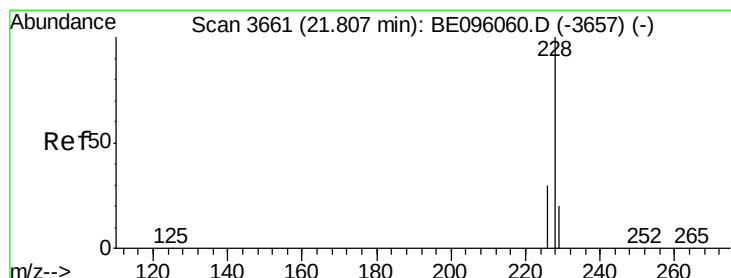
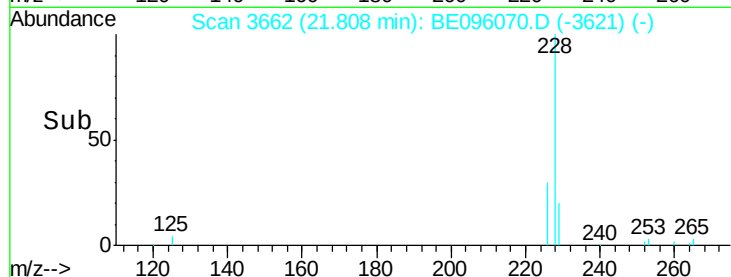
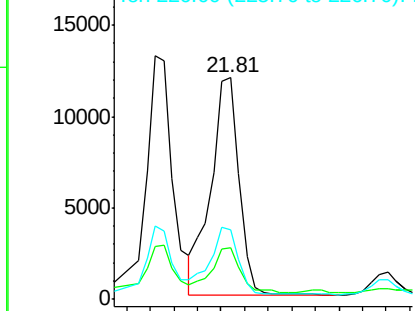
228 100

229 23.5 22.8 34.2

226 31.7 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: 485.956 ng/ul

RT: 21.81 min Scan# 3662

Delta R.T. 0.00 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

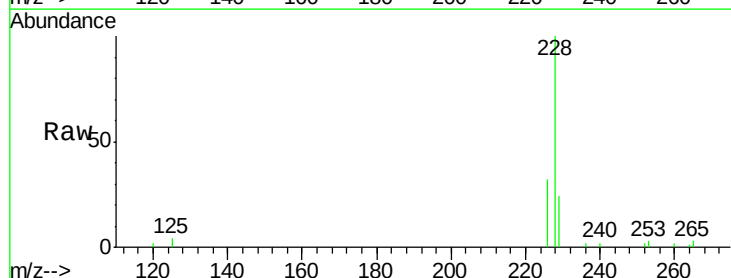
Tgt Ion:228 Resp: 19782

Ion Ratio Lower Upper

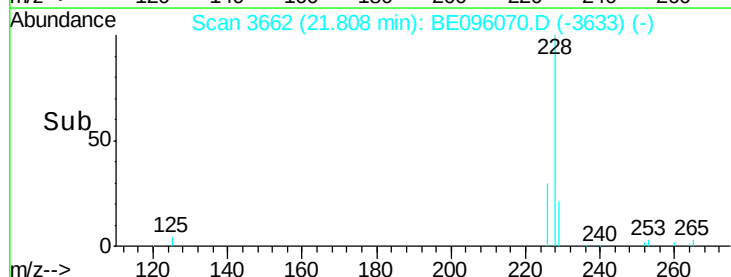
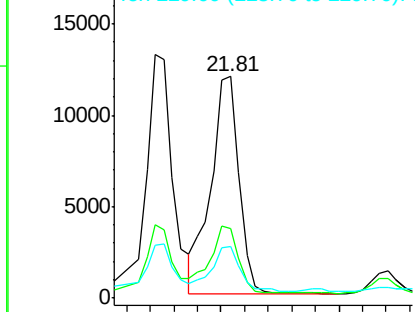
228 100

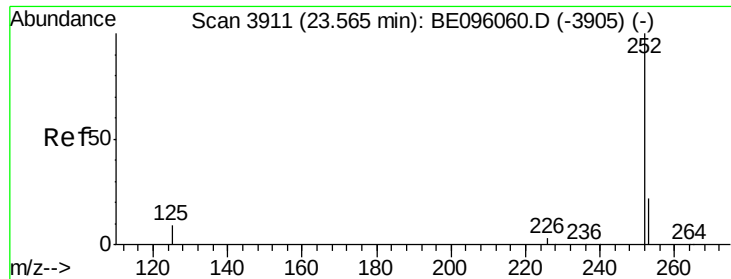
226 31.7 23.4 35.0

229 23.5 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: 1.410 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

Instrument :

BNA_E

ClientSampleId :

C0AC0

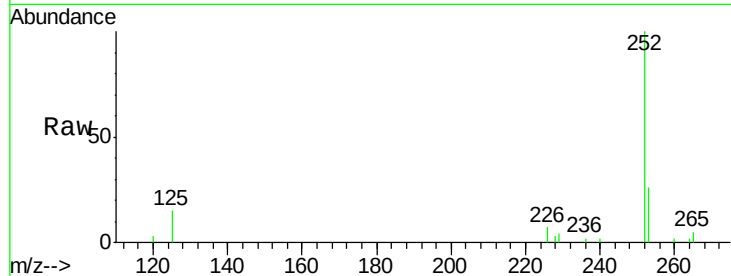
Tot Ion:252 Resp: 36534

Ion Ratio Lower Upper

252 100

253 26.1 0.0 64.2

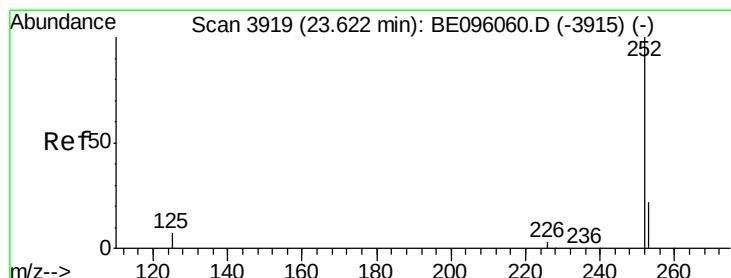
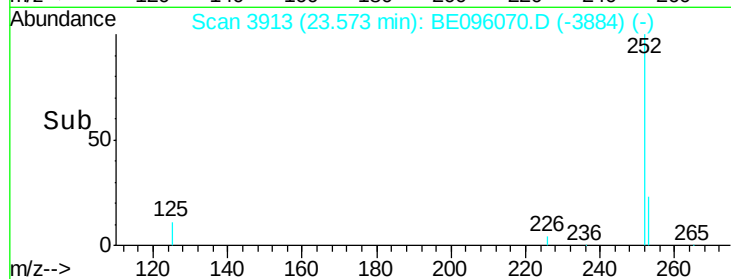
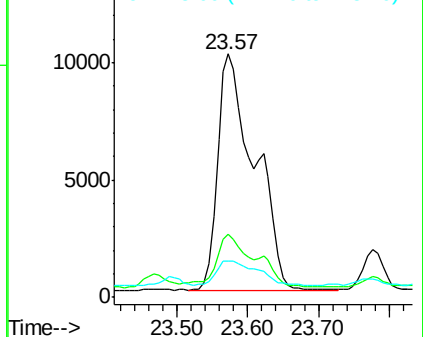
125 15.1 0.0 35.0



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: 1.418 ng/ul

RT: 23.57 min Scan# 3913

Delta R.T. -0.05 min

Lab File: BE096070.D

Acq: 21 Apr 2018 8:57

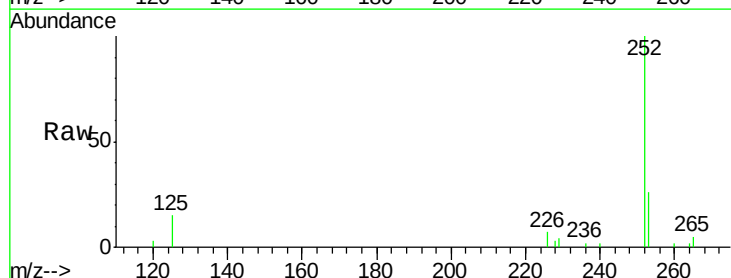
Tgt Ion:252 Resp: 36600

Ion Ratio Lower Upper

252 100

253 26.1 24.5 36.7

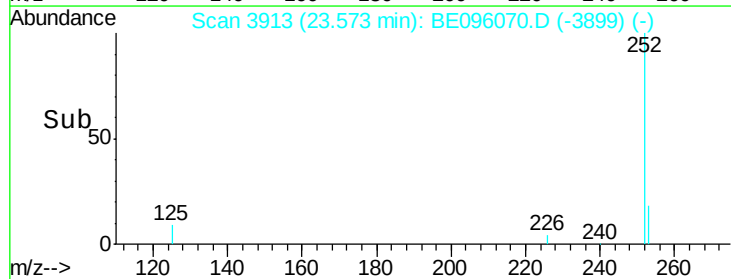
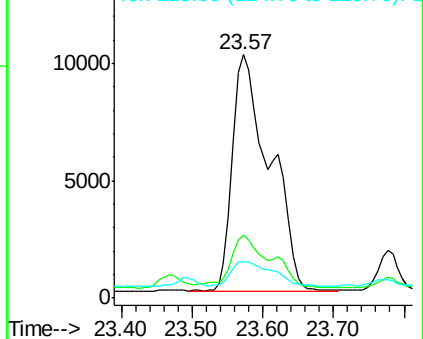
125 15.1 13.7 20.5

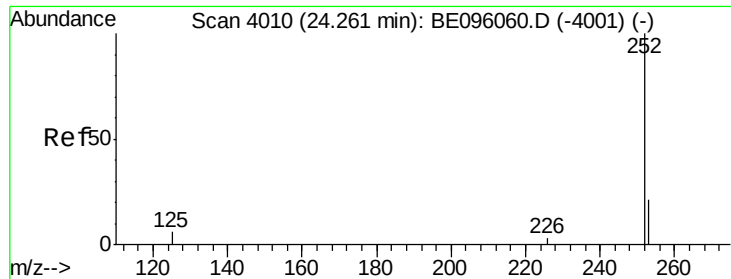


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

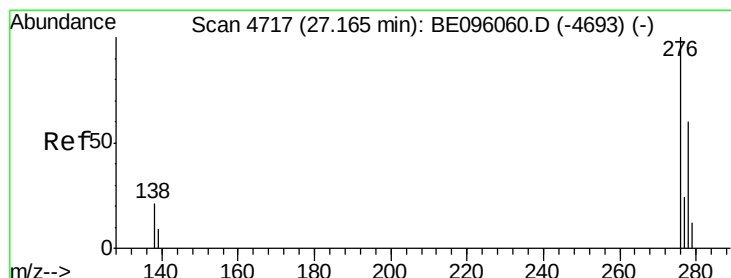
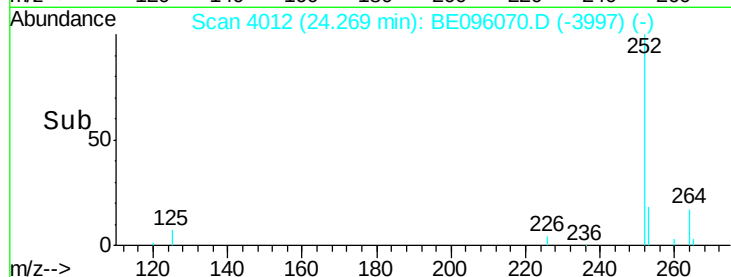
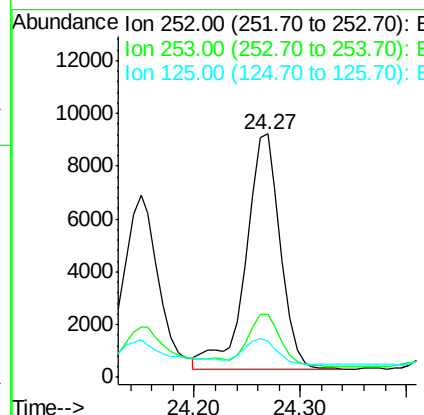
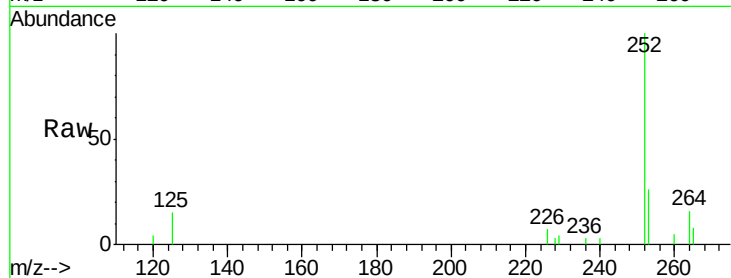




#23
Benzo(a)pyrene
Concen: 0.797 ng/ul
RT: 24.27 min Scan# 4012
Delta R.T. 0.01 min
Lab File: BE096070.D
Acq: 21 Apr 2018 8:57

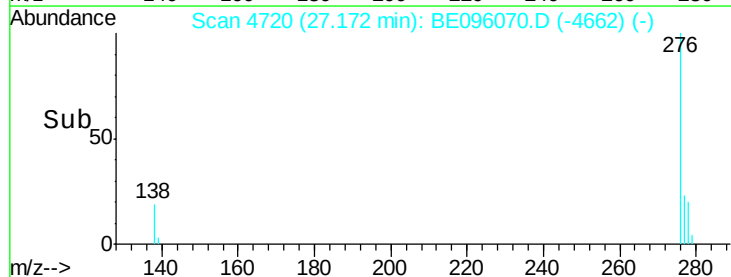
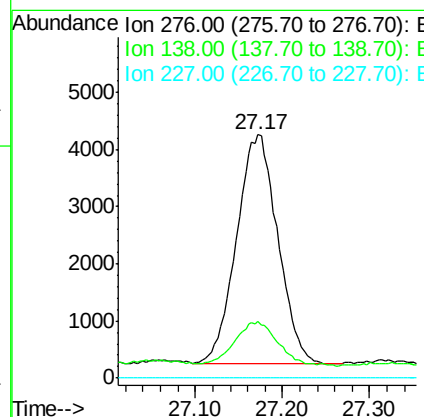
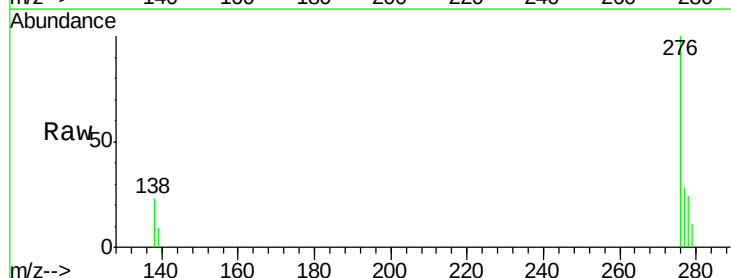
Instrument :
BNA_E
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C0AC0

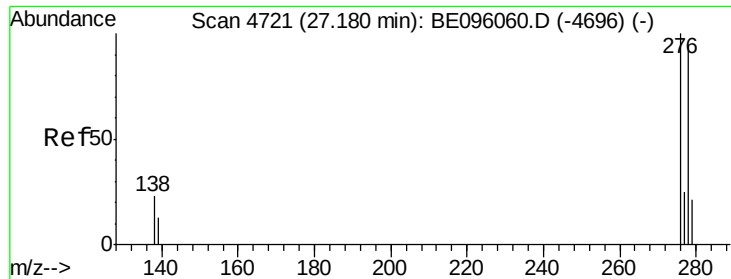
Tot Ion:252 Resp: 19938
Ion Ratio Lower Upper
252 100
253 25.8 28.5 42.7#
125 14.9 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 27.17 min Scan# 4720
Delta R.T. 0.01 min
Lab File: BE096070.D
Acq: 21 Apr 2018 8:57

Tgt Ion:276 Resp: 13214
Ion Ratio Lower Upper
276 100
138 19.6 28.0 42.0#
227 0.0 8.0 12.0#

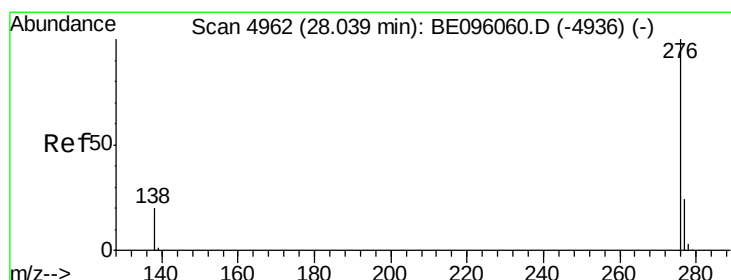
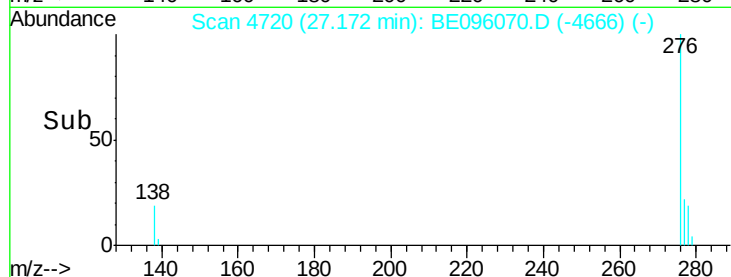
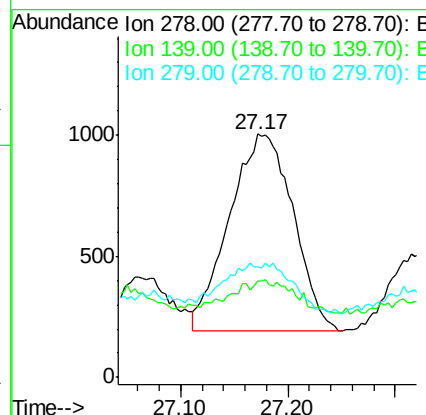
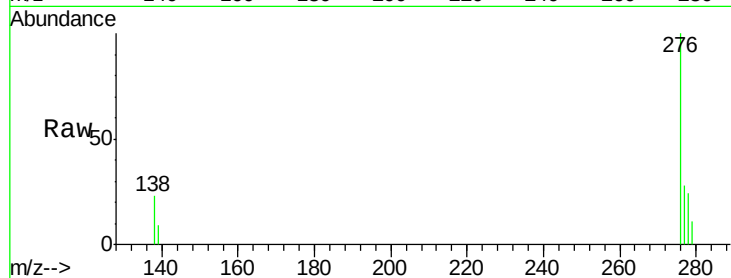




#25
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 27.17 min Scan# 4720
Delta R.T. -0.01 min
Lab File: BE096070.D
Acq: 21 Apr 2018 8:57

Instrument :
BNA_E
ClientSampleId :
C0AC0

Tot Ion:278 Resp: 3330
Ion Ratio Lower Upper
278 100
139 39.8 17.4 26.0#
279 45.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.621 ng/ul
RT: 28.05 min Scan# 4965
Delta R.T. 0.01 min
Lab File: BE096070.D
Acq: 21 Apr 2018 8:57

Tgt Ion:276 Resp: 14414
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 28.7 20.5 30.7

