

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096073.D
 Acq On : 21 Apr 2018 10:45
 Operator : SJ/JU
 Sample : J2434-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC4

Quant Time: Apr 23 01:10:36 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

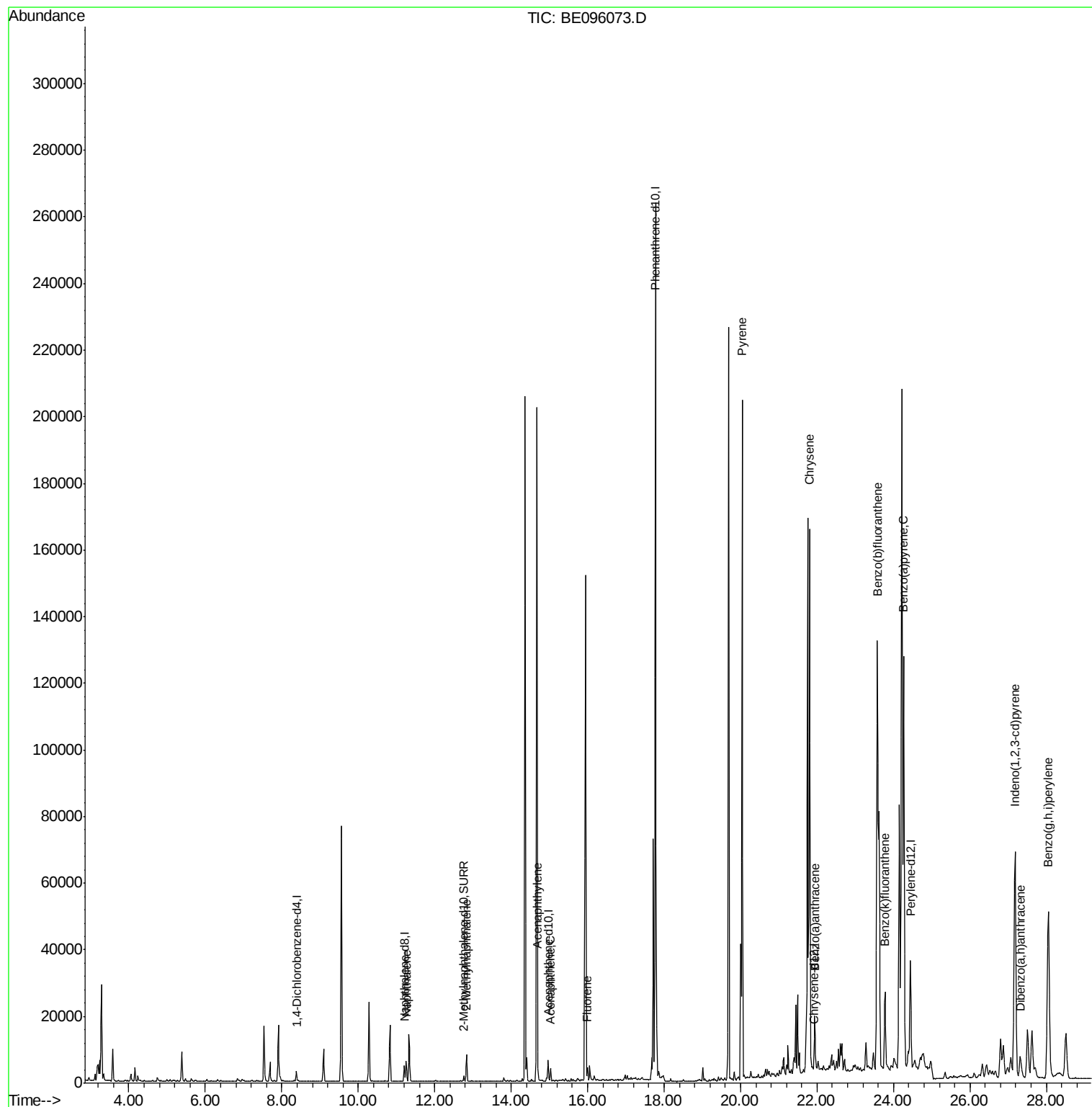
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2135	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	312586	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	77	0.40	ng/ul	0.14
20) Perylene-d12	24.45	264	772	0.40	ng/ul	0.07
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1909	0.17	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	8085	0.481	ng/ul#	88
5) 2-Methylnaphthalene	12.83	142	6264	0.550	ng/ul	100
7) Acenaphthylene	14.70	152	4175	0.229	ng/ul	97
8) Acenaphthene	15.03	153	2121	0.162	ng/ul	90
9) Fluorene	15.99	166	2738	0.185	ng/ul	91
17) Pyrene	20.04	202	270235	1032.816	ng/ul#	77
18) Benzo(a)anthracene	21.94	228	13654	43.892	ng/ul#	52
19) Chrysene	21.81	228	166100	741.879	ng/ul	98
21) Benzo(b)fluoranthene	23.58	252	347468	139.093	ng/ul	84
22) Benzo(k)fluoranthene	23.78	252	30839	12.392	ng/ul#	94
23) Benzo(a)pyrene	24.27	252	165993	68.860	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.18	276	130392	48.672	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.31	278	11419	5.293	ng/ul	97
26) Benzo(g,h,i)perylene	28.05	276	129825	58.017	ng/ul#	92

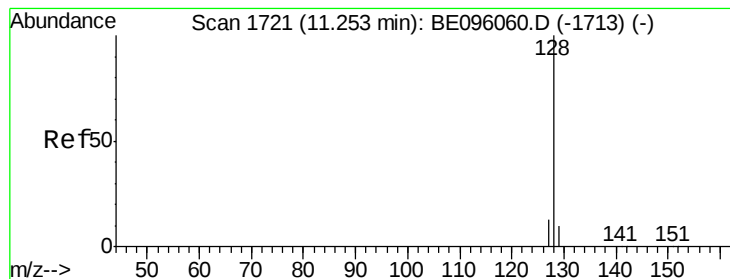
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.481 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

ClientSampleId :

C0AC4

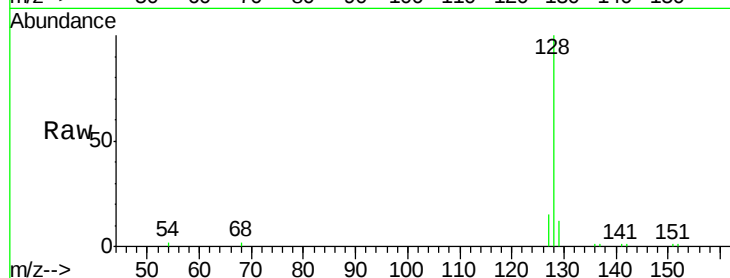
Tot Ion:128 Resp: 8085

Ion Ratio Lower Upper

128 100

129 11.7 11.3 16.9

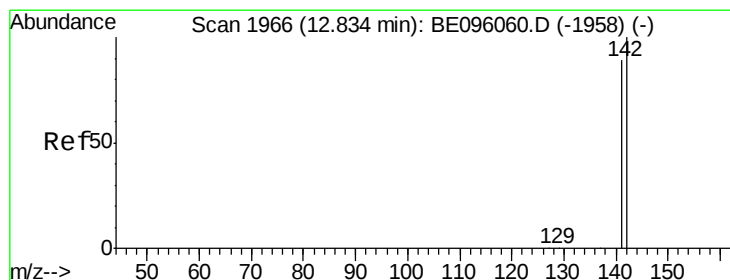
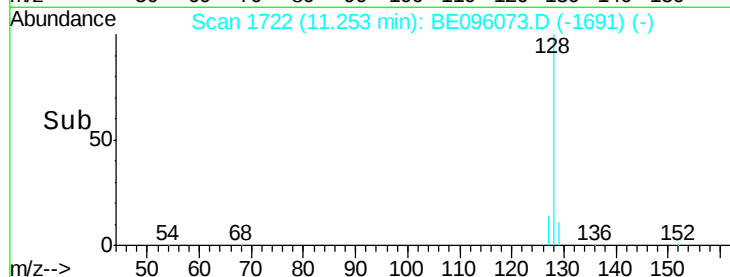
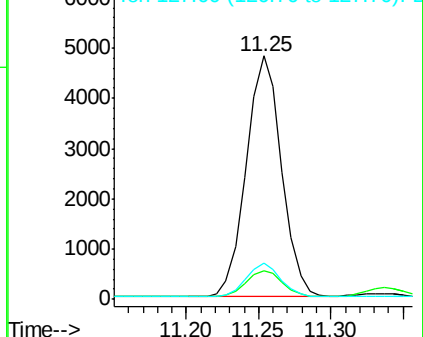
127 14.7 4.0 6.0#



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: 0.550 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BE096073.D

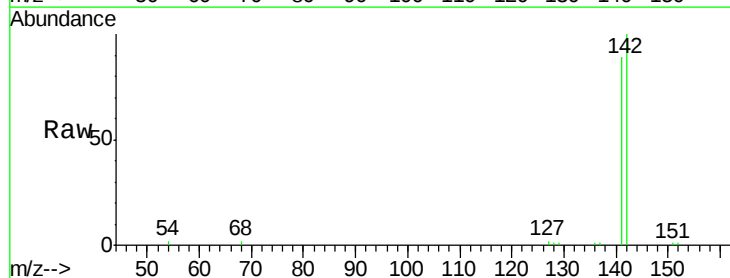
Acq: 21 Apr 2018 10:45

Tgt Ion:142 Resp: 6264

Ion Ratio Lower Upper

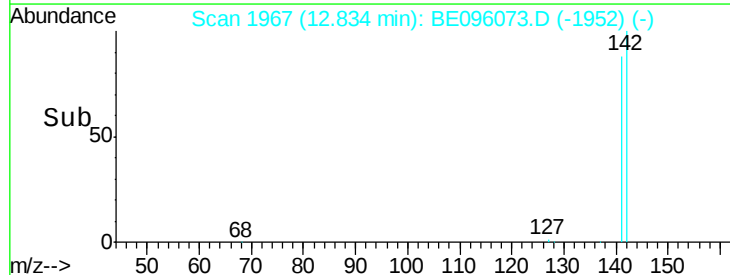
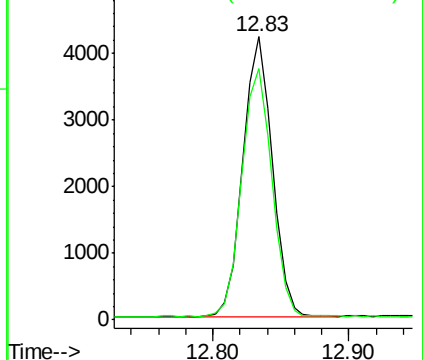
142 100

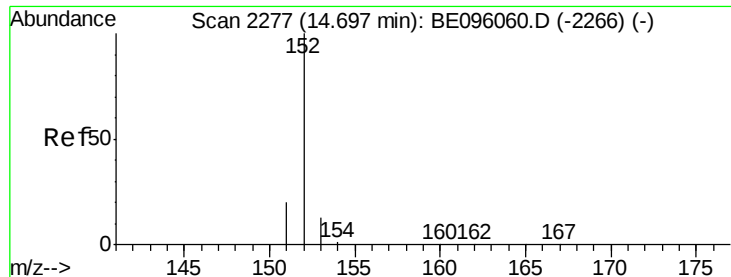
141 90.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.229 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

ClientSampleId :

C0AC4

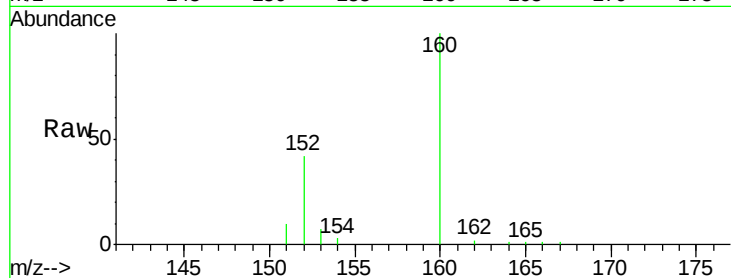
Tot Ion:152 Resp: 4175

Ion Ratio Lower Upper

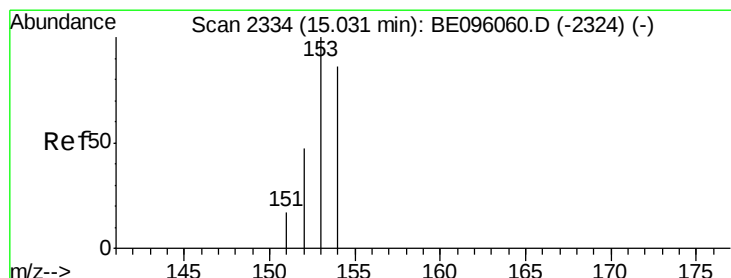
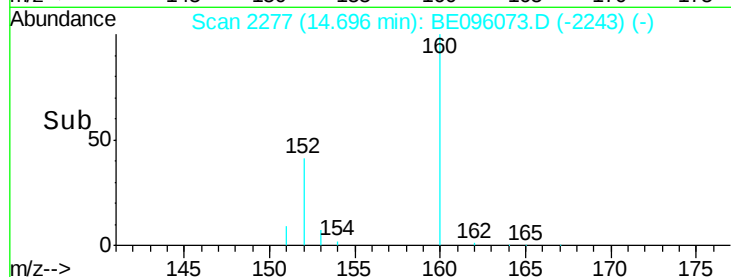
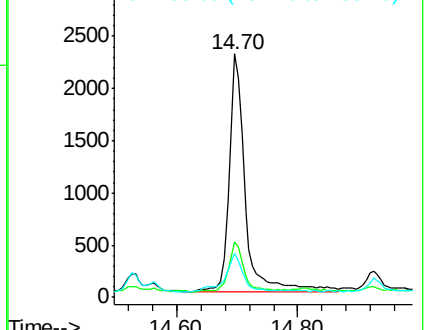
152 100

151 22.7 17.1 25.7

153 17.8 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



#8

Acenaphthene

Concen: 0.162 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

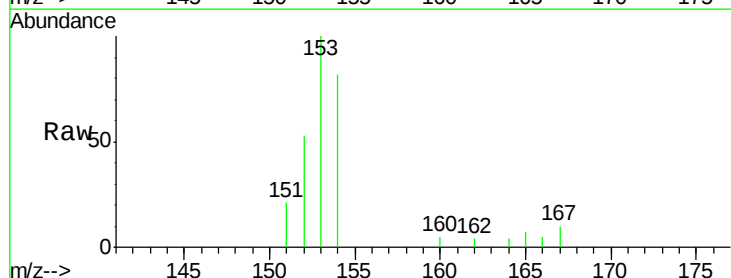
Tgt Ion:153 Resp: 2121

Ion Ratio Lower Upper

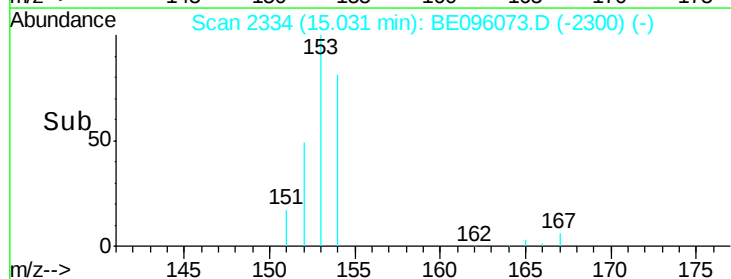
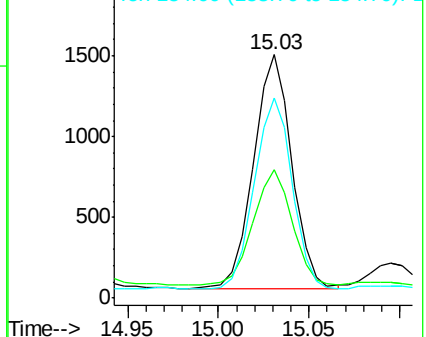
153 100

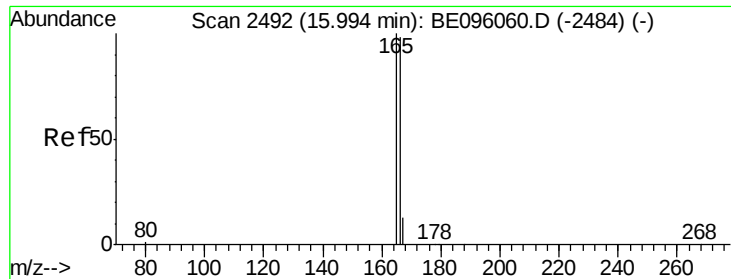
152 52.6 36.0 54.0

154 82.0 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





#9

Fluorene

Concen: 0.185 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

ClientSampleId :

C0AC4

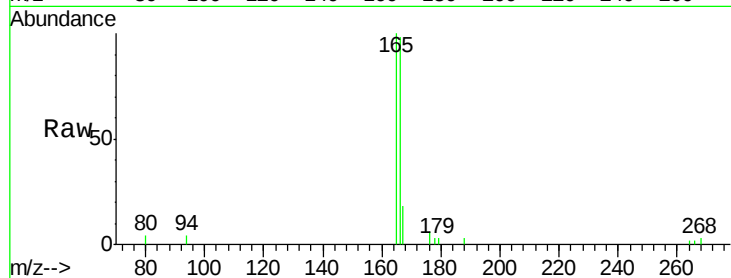
Tot Ion:166 Resp: 2738

Ion Ratio Lower Upper

166 100

165 102.2 73.4 110.2

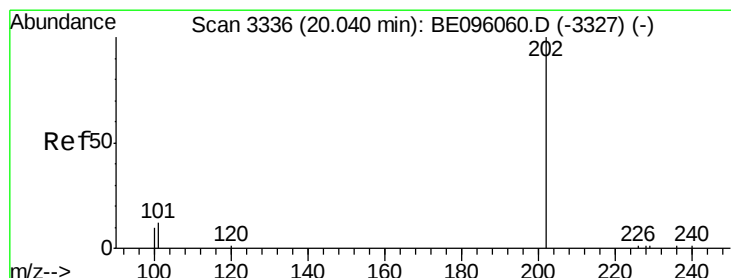
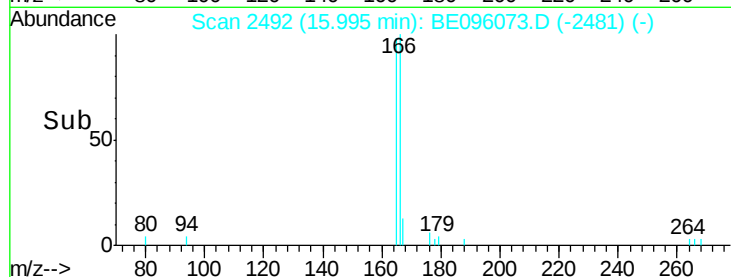
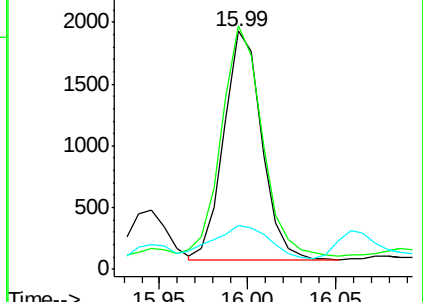
167 18.2 14.6 22.0



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



#17

Pyrene

Concen: 1032.816 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

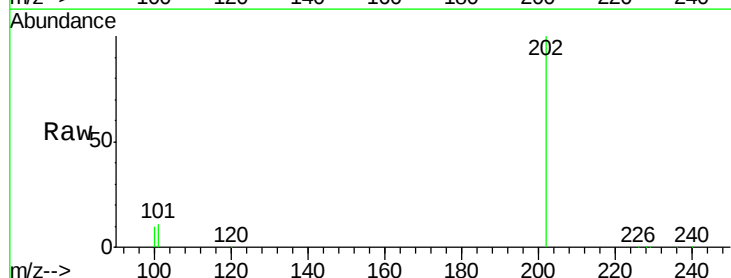
Tgt Ion:202 Resp: 270235

Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

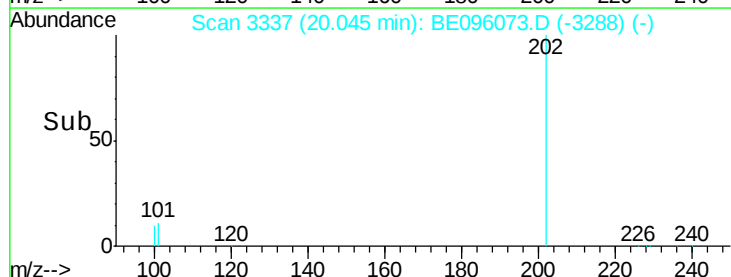
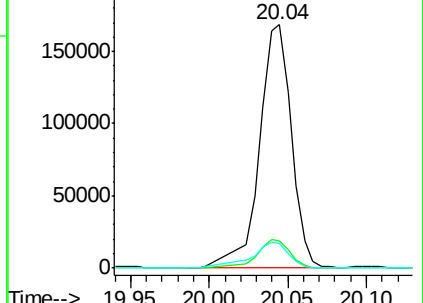
100 9.9 15.6 23.4#

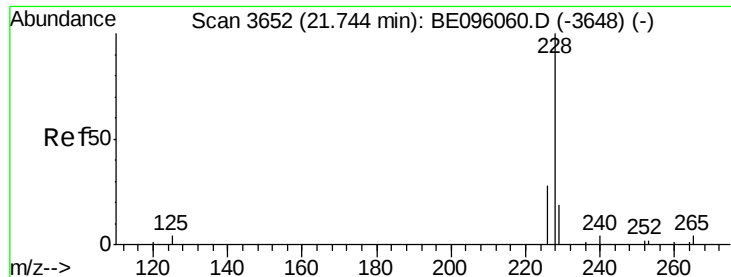


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 43.892 ng/ul

RT: 21.94 min Scan# 3679

Delta R.T. 0.19 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

ClientSampleId :

C0AC4

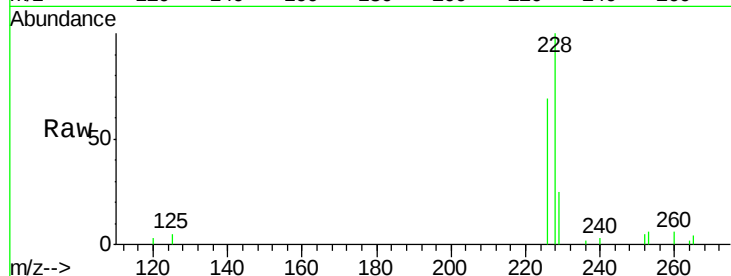
Tot Ion:228 Resp: 13654

Ion Ratio Lower Upper

228 100

229 24.6 22.8 34.2

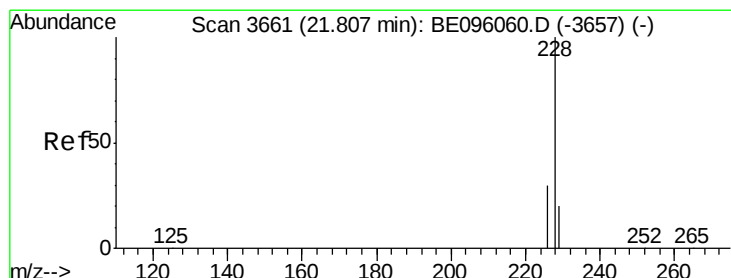
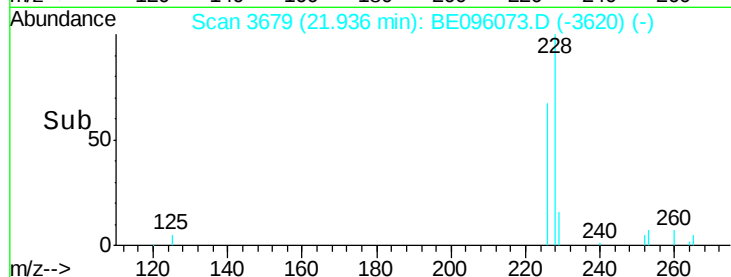
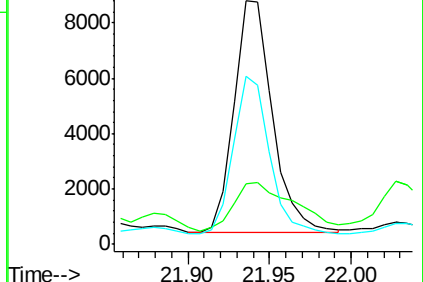
226 69.1 17.0 25.6#



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: 741.879 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

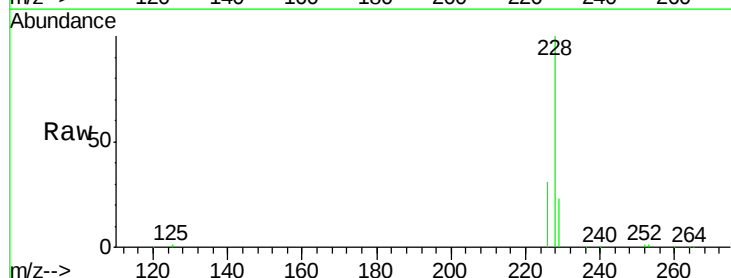
Tgt Ion:228 Resp: 166100

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

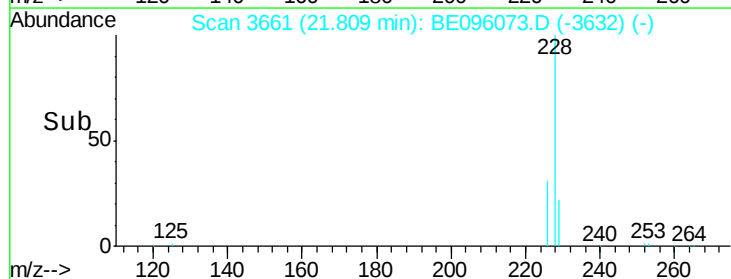
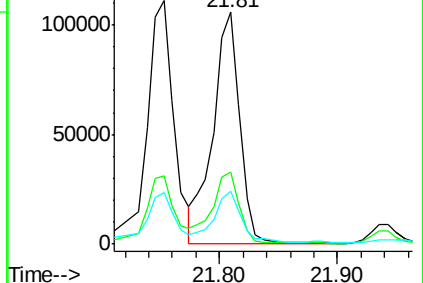
229 22.8 17.7 26.5

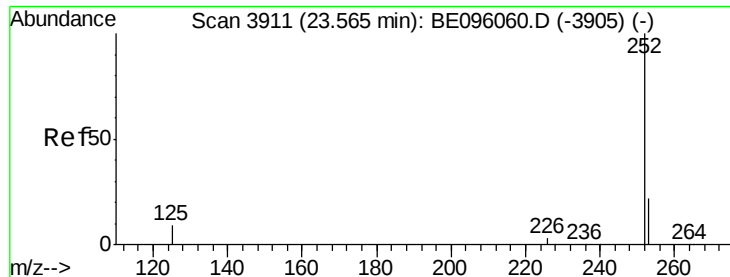


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 139.093 ng/ul

RT: 23.58 min Scan# 3913

Delta R.T. 0.02 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

Instrument :

BNA_E

ClientSampleId :

C0AC4

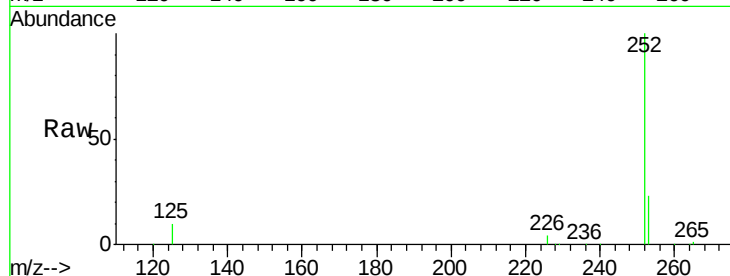
Tot Ion:252 Resp: 347468

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

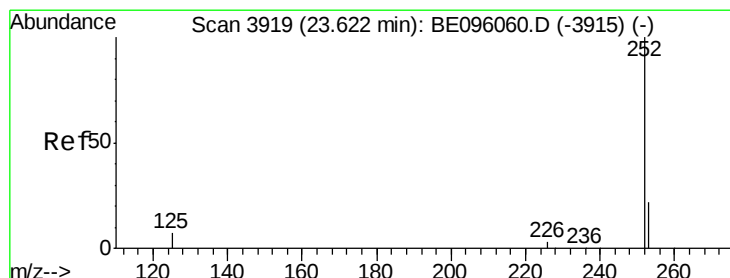
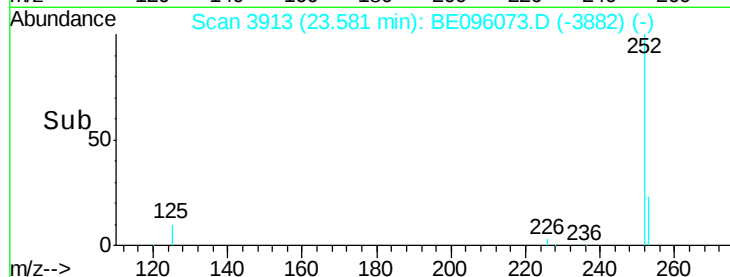
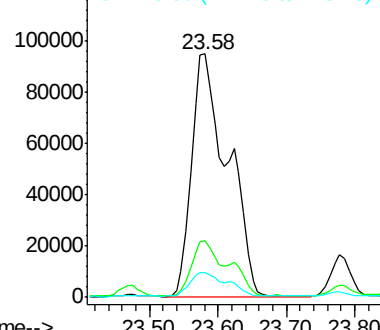
125 10.2 0.0 35.0



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: 12.392 ng/ul

RT: 23.78 min Scan# 3941

Delta R.T. 0.16 min

Lab File: BE096073.D

Acq: 21 Apr 2018 10:45

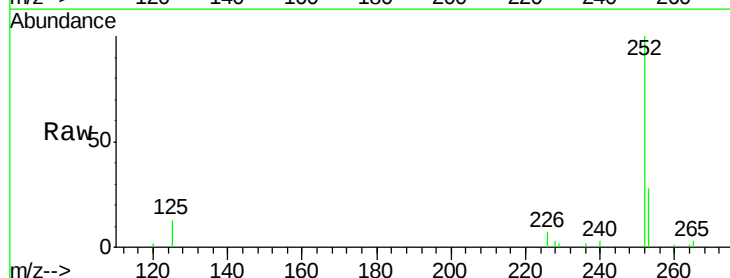
Tgt Ion:252 Resp: 30839

Ion Ratio Lower Upper

252 100

253 28.3 24.5 36.7

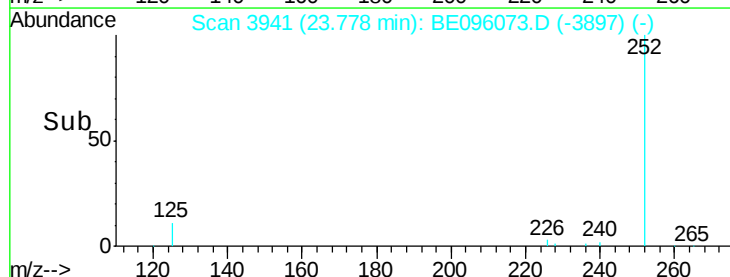
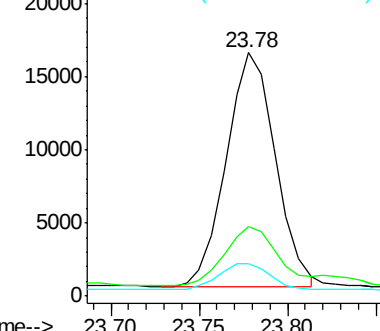
125 13.5 13.7 20.5#

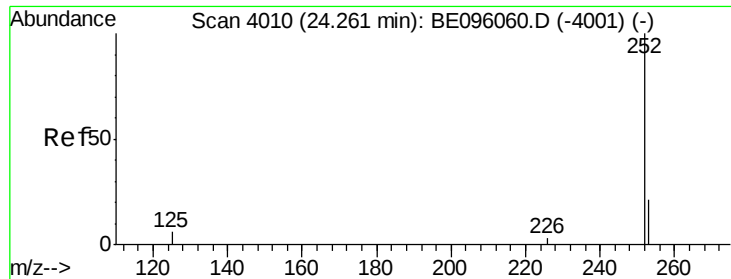


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

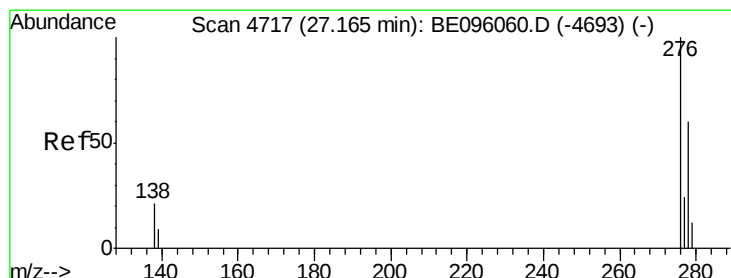
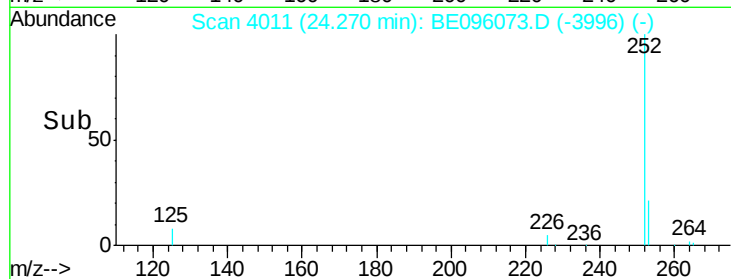
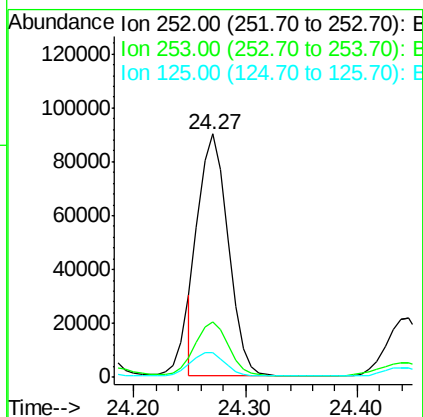
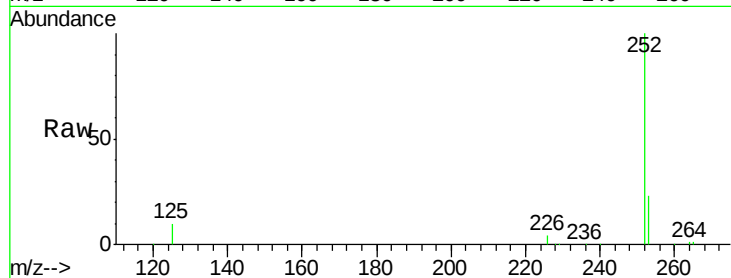




#23
Benzo(a)pyrene
Concen: 68.860 ng/ul
RT: 24.27 min Scan# 4011
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

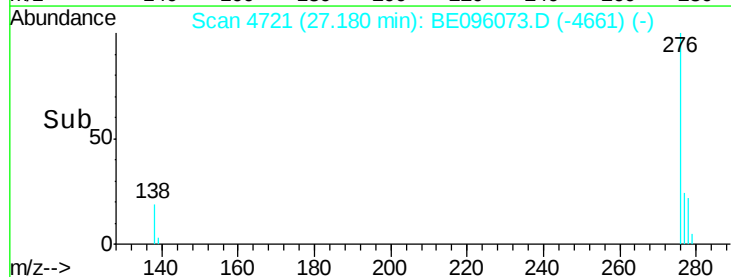
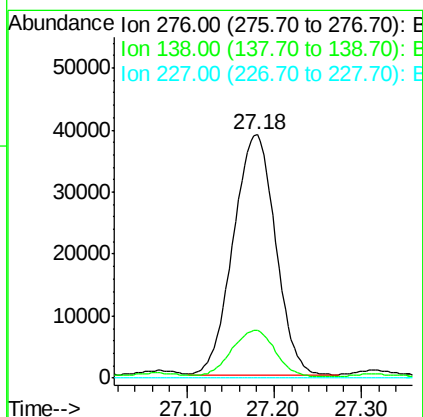
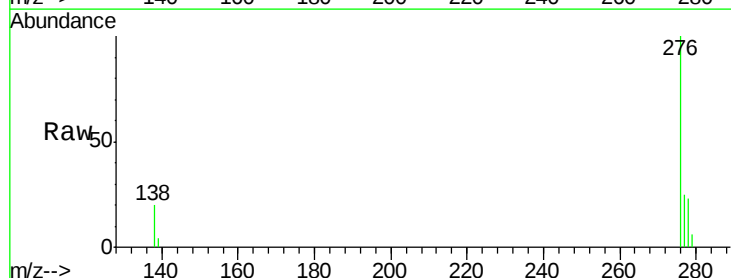
Instrument :
BNA_E
ClientSampleId :
C0AC4

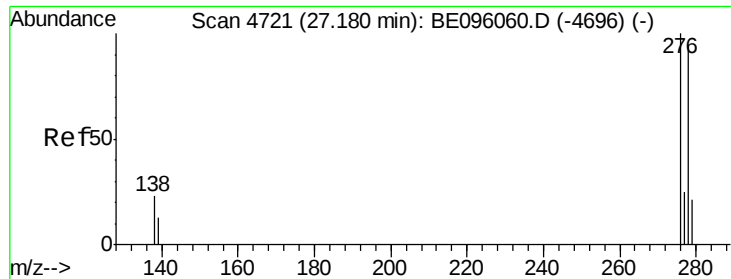
Tot Ion:252 Resp: 165993
Ion Ratio Lower Upper
252 100
253 22.9 28.5 42.7#
125 10.0 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 48.672 ng/ul
RT: 27.18 min Scan# 4721
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Tgt Ion:276 Resp: 130392
Ion Ratio Lower Upper
276 100
138 19.7 28.0 42.0#
227 0.0 8.0 12.0#



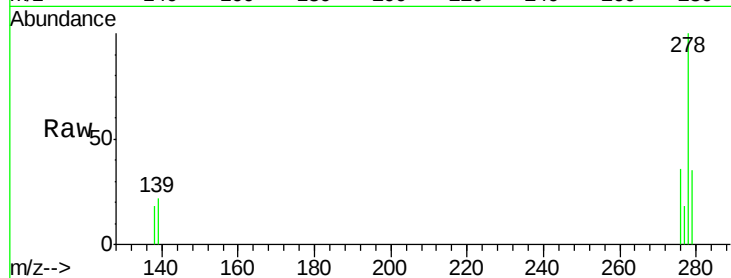


#25

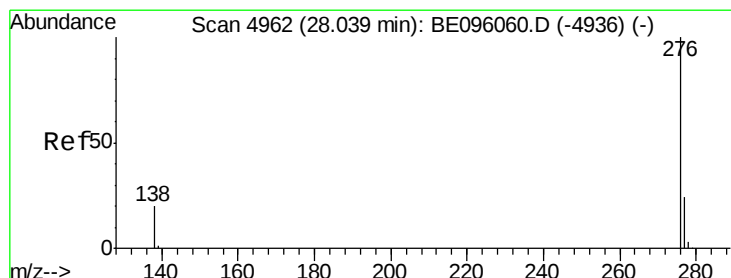
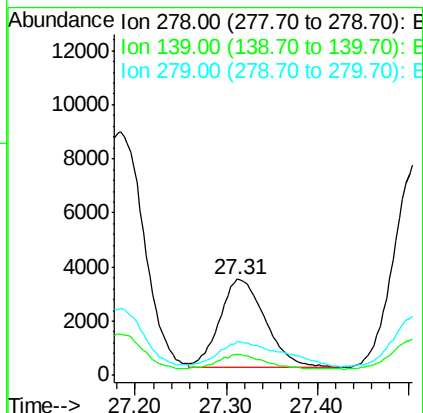
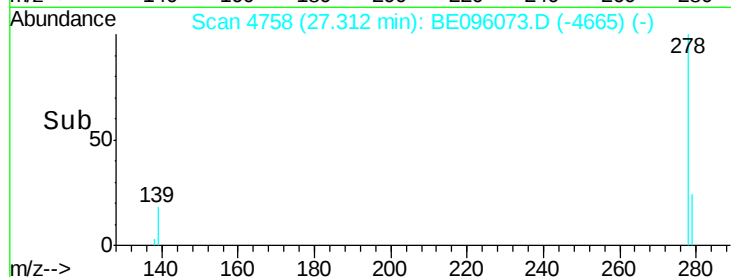
Dibenzo(a,h)anthracene
Concen: 5.293 ng/ul
RT: 27.31 min Scan# 4758
Delta R.T. 0.13 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Instrument :
BNA_E
ClientSampleId :
C0AC4

Tot Ion:278 Resp: 11419
Ion Ratio Lower Upper
278 100
139 22.0 17.4 26.0
279 34.9 25.9 38.9



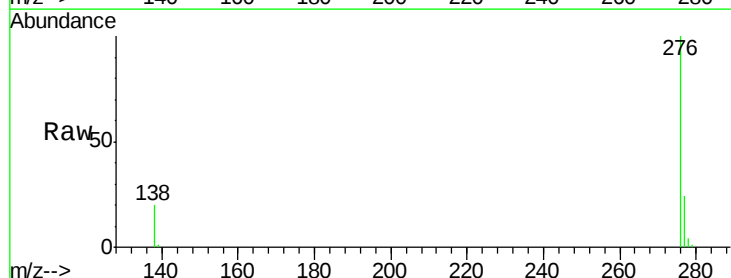
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
Concen: 58.017 ng/ul
RT: 28.05 min Scan# 4965
Delta R.T. 0.01 min
Lab File: BE096073.D
Acq: 21 Apr 2018 10:45

Tgt Ion:276 Resp: 129825
Ion Ratio Lower Upper
276 100
138 20.0 21.8 32.8#
277 24.3 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

