

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096072.D
 Acq On : 21 Apr 2018 10:09
 Operator : SJ/JU
 Sample : J2434-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Quant Time: Apr 23 01:10:26 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

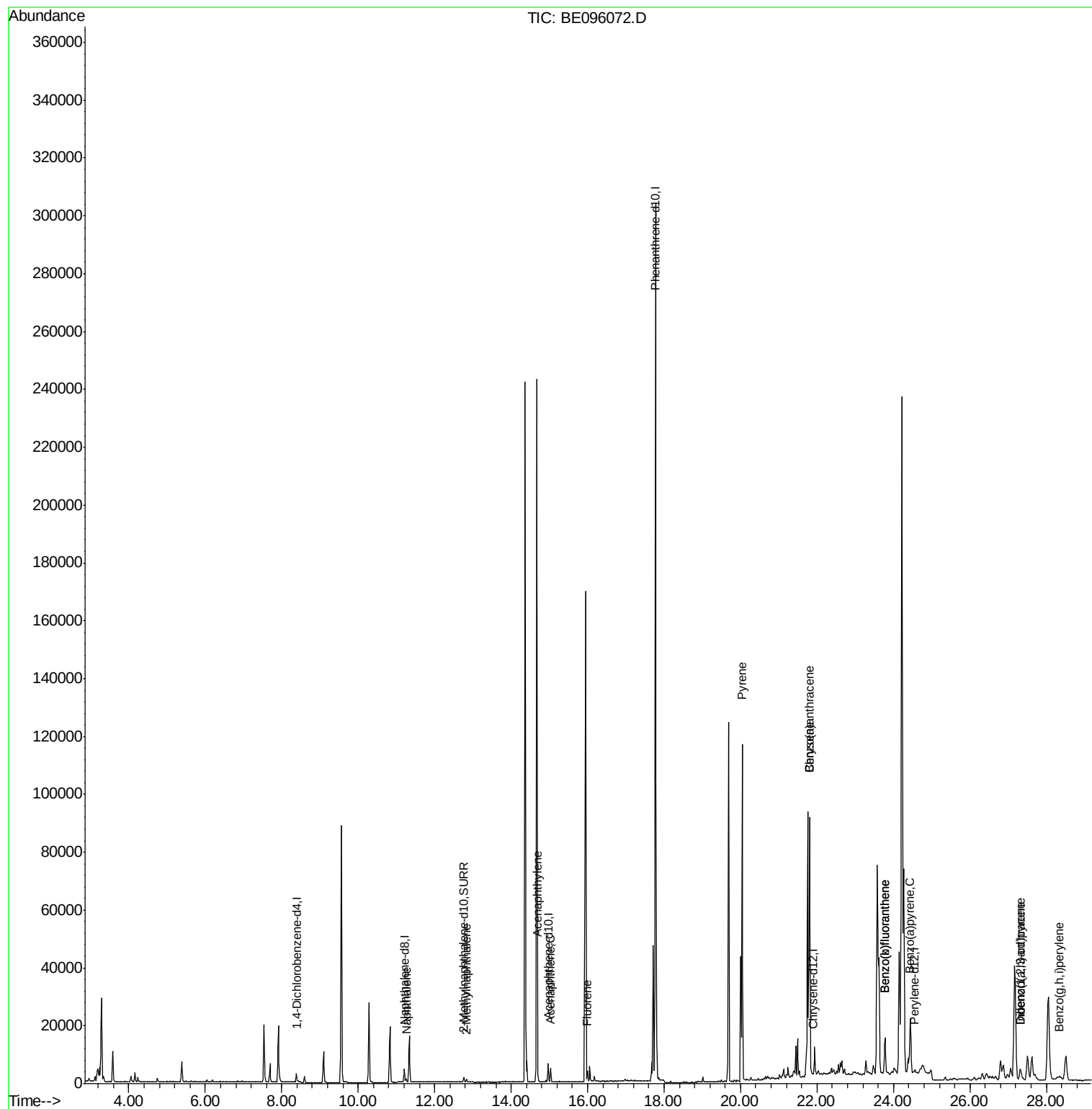
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	2138	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	6219	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3585	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	357140	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	38	0.40	ng/ul	0.13
20) Perylene-d12	24.55	264	354	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2149	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.25	128	1580	0.091	ng/ul#	86
5) 2-Methylnaphthalene	12.83	142	807	0.069	ng/ul	97
7) Acenaphthylene	14.70	152	1328	0.071	ng/ul#	90
8) Acenaphthene	15.03	153	2647	0.199	ng/ul	93
9) Fluorene	15.99	166	2524	0.168	ng/ul	92
17) Pyrene	20.04	202	140979	1091.799	ng/ul#	77
18) Benzo(a)anthracene	21.81	228	88552	576.814	ng/ul#	85
19) Chrysene	21.81	228	88552	801.437	ng/ul	98
21) Benzo(b)fluoranthene	23.78	252	17127	14.952	ng/ul	96
22) Benzo(k)fluoranthene	23.78	252	17127	15.008	ng/ul	98
23) Benzo(a)pyrene	24.44	252	28940	26.181	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.32	276	1916	1.560	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.32	278	6246	6.314	ng/ul	94
26) Benzo(g,h,i)perylene	28.34	276	1351	1.317	ng/ul#	23

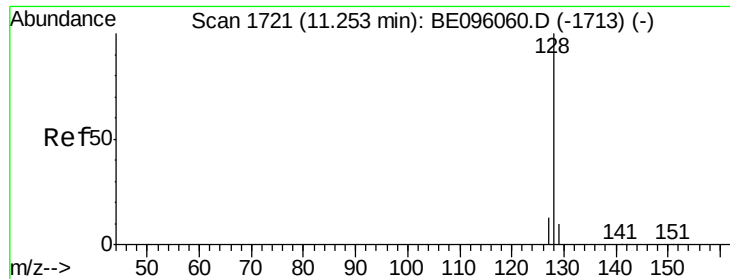
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
Data File : BE096072.D
Acq On : 21 Apr 2018 10:09
Operator : SJ/JU
Sample : J2434-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC3

Quant Time: Apr 23 01:10:26 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





#3

Naphthalene

Concen: 0.091 ng/ul

RT: 11.25 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

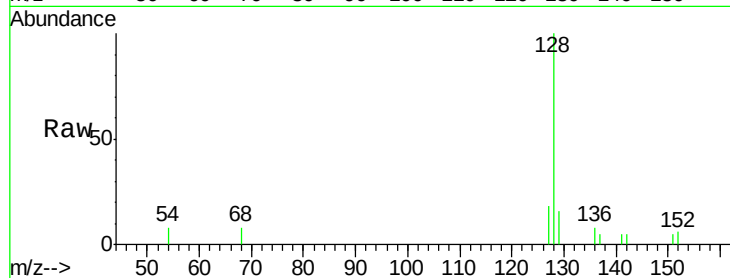
Tot Ion:128 Resp: 1580

Ion Ratio Lower Upper

128 100

129 16.2 11.3 16.9

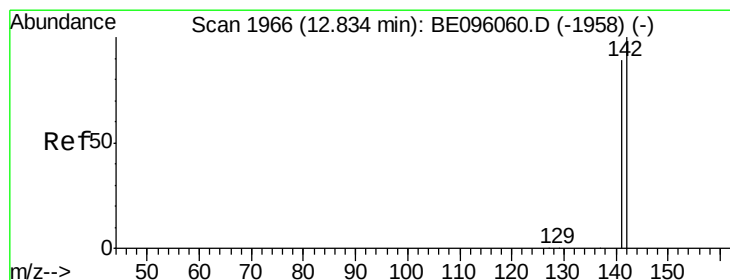
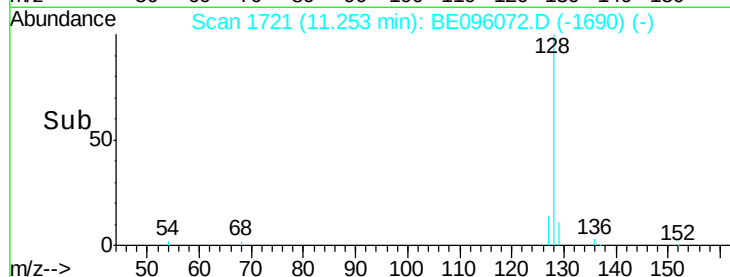
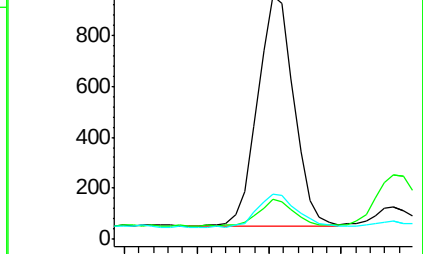
127 18.3 4.0 6.0#



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: 0.069 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BE096072.D

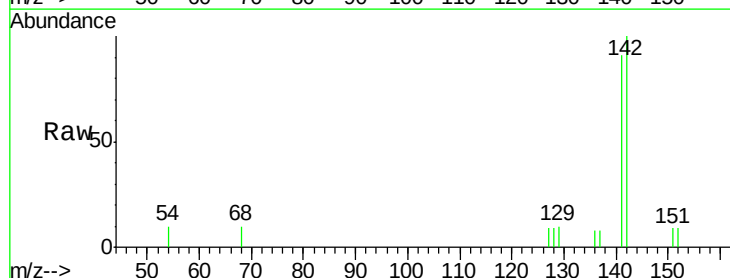
Acq: 21 Apr 2018 10:09

Tgt Ion:142 Resp: 807

Ion Ratio Lower Upper

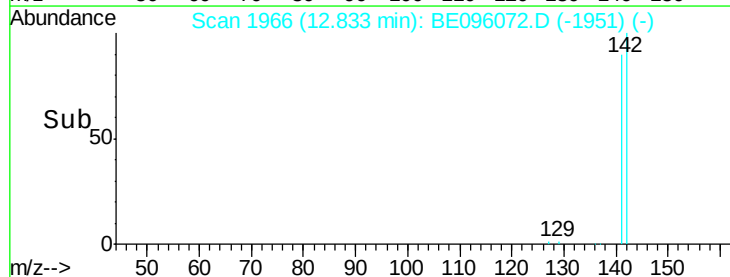
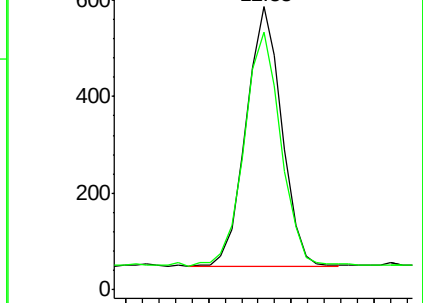
142 100

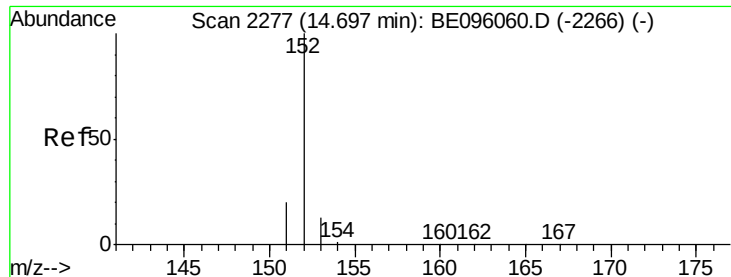
141 93.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

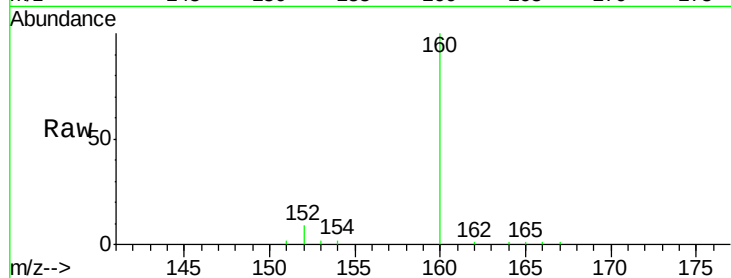
Tot Ion:152 Resp: 1328

Ion Ratio Lower Upper

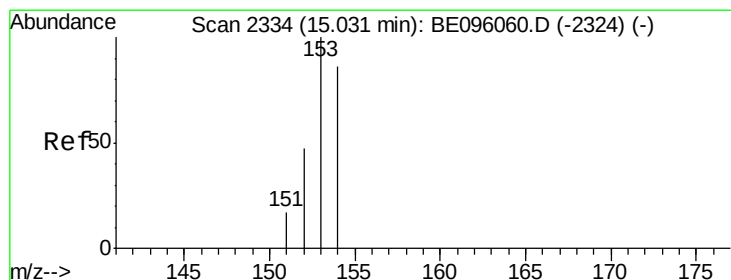
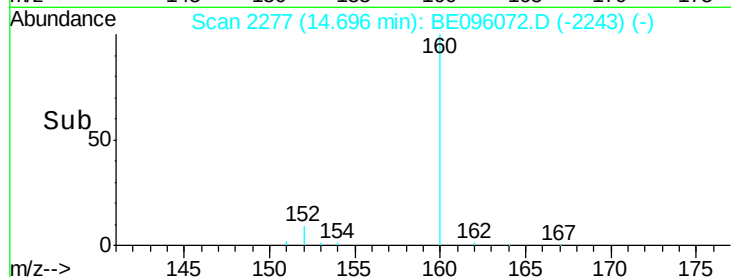
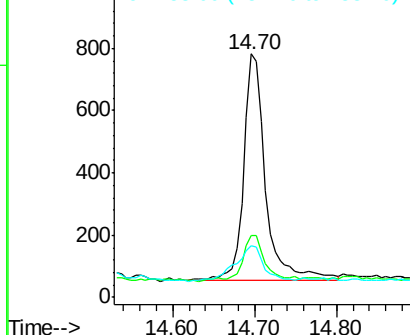
152 100

151 25.3 17.1 25.7

153 21.4 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



#8

Acenaphthene

Concen: 0.199 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

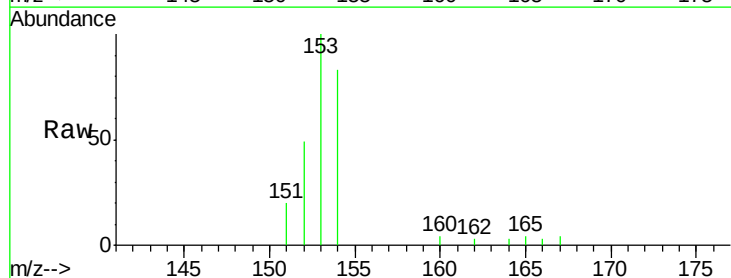
Tgt Ion:153 Resp: 2647

Ion Ratio Lower Upper

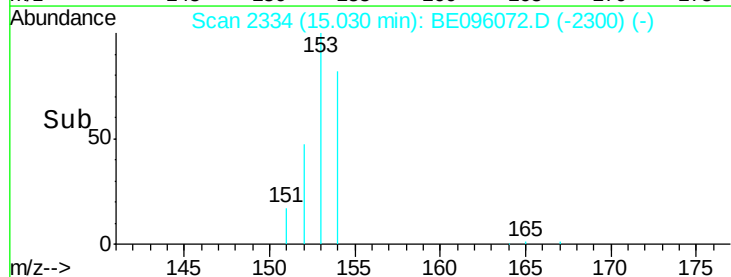
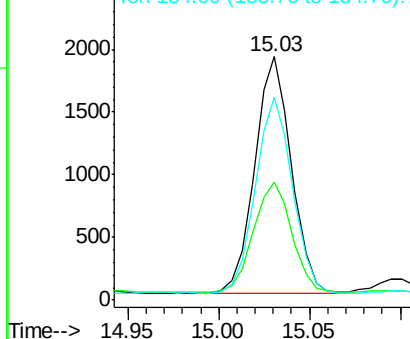
153 100

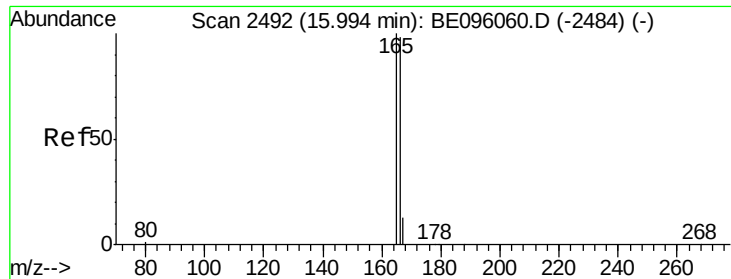
152 48.7 36.0 54.0

154 83.3 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: 0.168 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

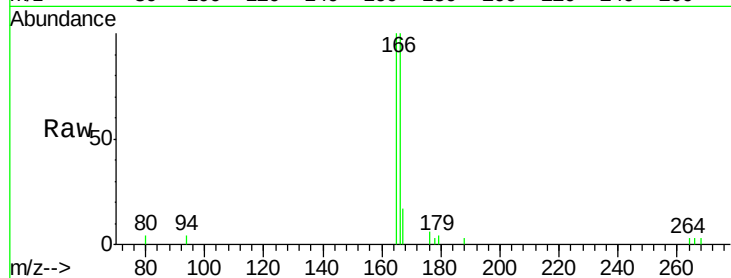
Tot Ion:166 Resp: 2524

Ion Ratio Lower Upper

166 100

165 100.1 73.4 110.2

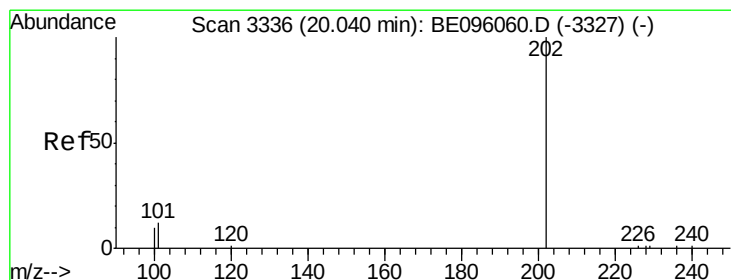
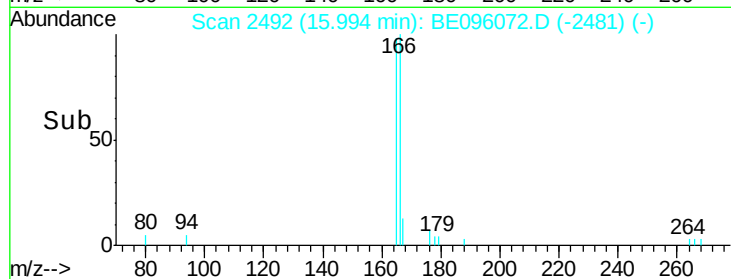
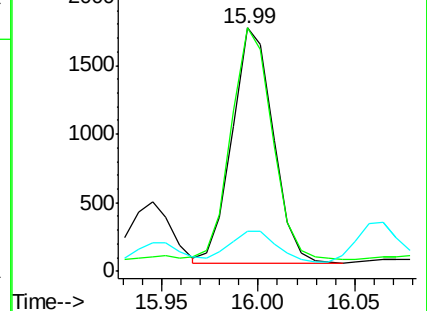
167 16.7 14.6 22.0



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: 1091.799 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

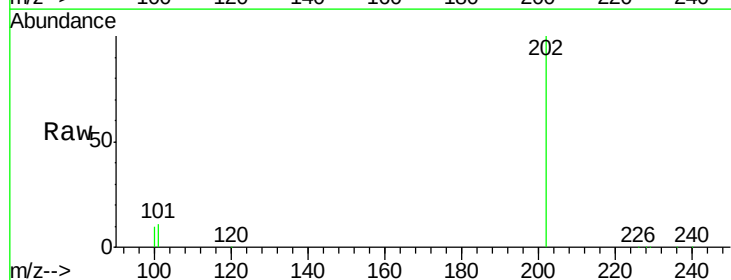
Tgt Ion:202 Resp: 140979

Ion Ratio Lower Upper

202 100

101 11.0 18.2 27.4#

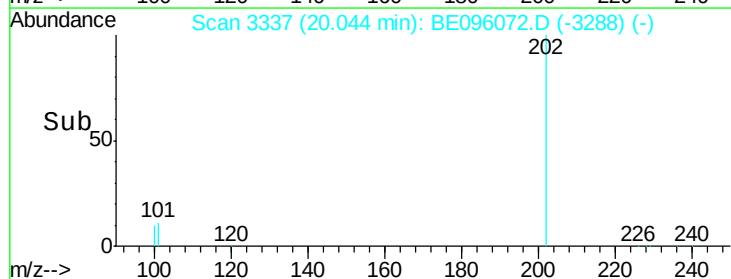
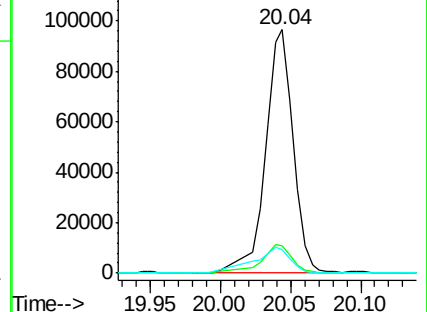
100 9.7 15.6 23.4#

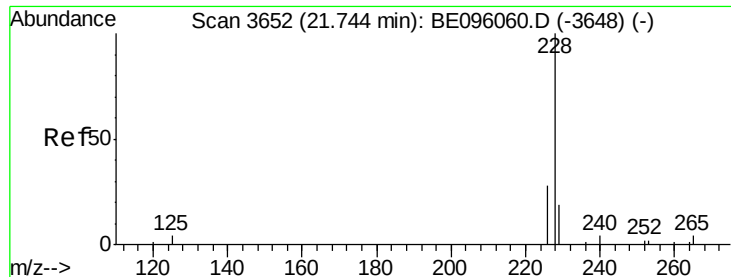


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 576.814 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.06 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

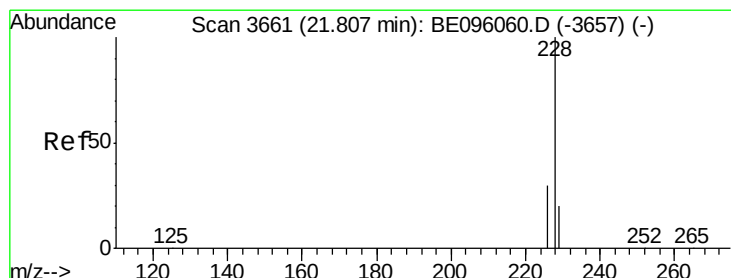
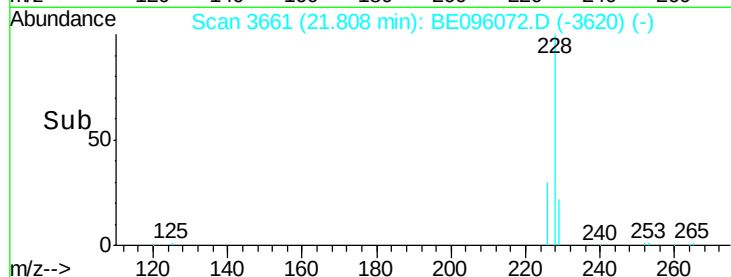
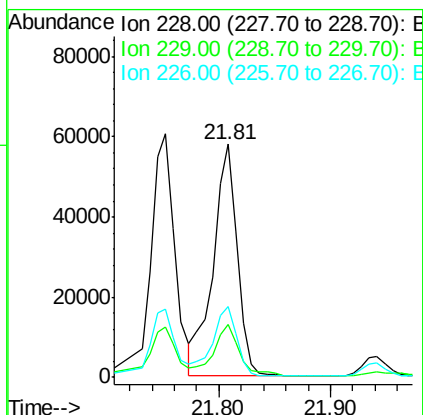
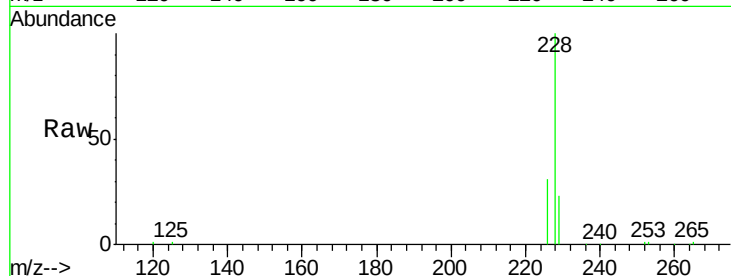
Tot Ion:228 Resp: 88552

Ion Ratio Lower Upper

228 100

229 22.8 22.8 34.2

226 30.6 17.0 25.6#



#19

Chrysene

Concen: 801.437 ng/ul

RT: 21.81 min Scan# 3661

Delta R.T. 0.00 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

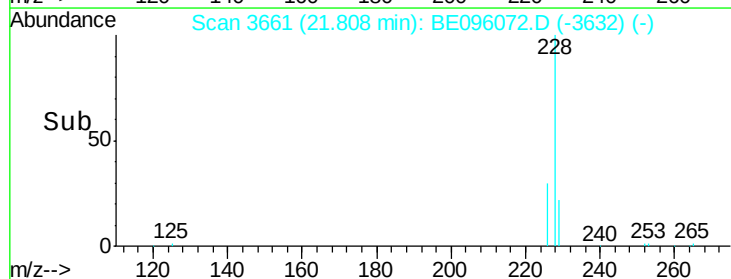
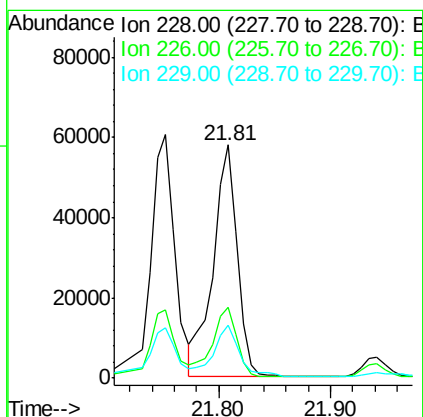
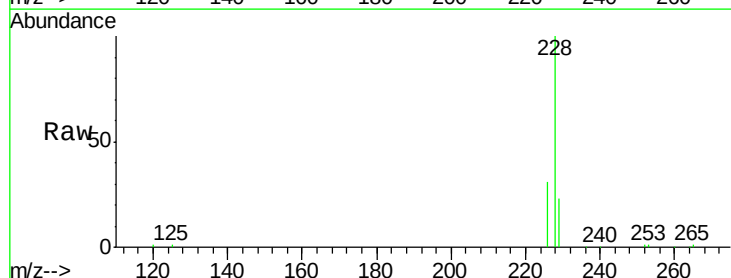
Tgt Ion:228 Resp: 88552

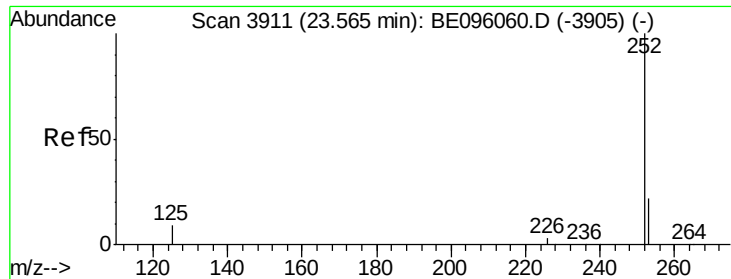
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 22.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 14.952 ng/ul

RT: 23.78 min Scan# 3941

Delta R.T. 0.21 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

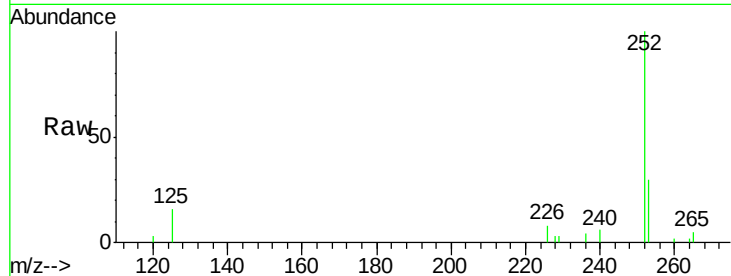
Tot Ion:252 Resp: 17127

Ion Ratio Lower Upper

252 100

253 30.0 0.0 64.2

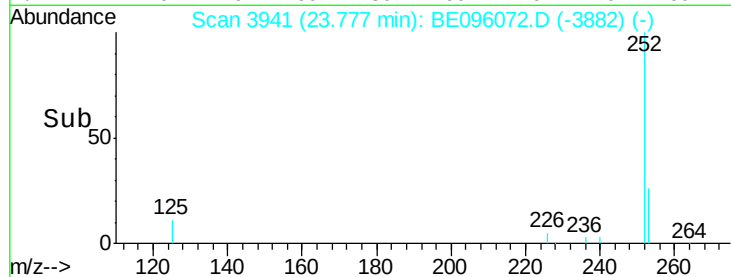
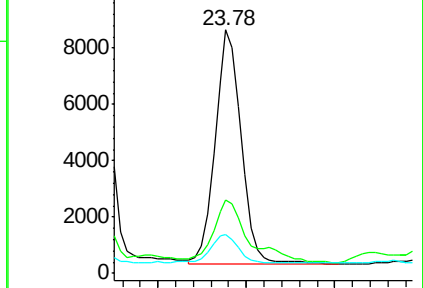
125 15.9 0.0 35.0



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: 15.008 ng/ul

RT: 23.78 min Scan# 3941

Delta R.T. 0.16 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

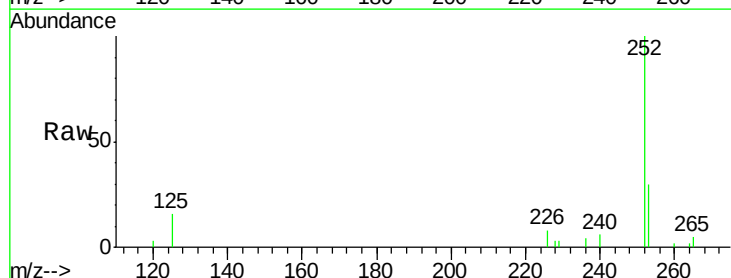
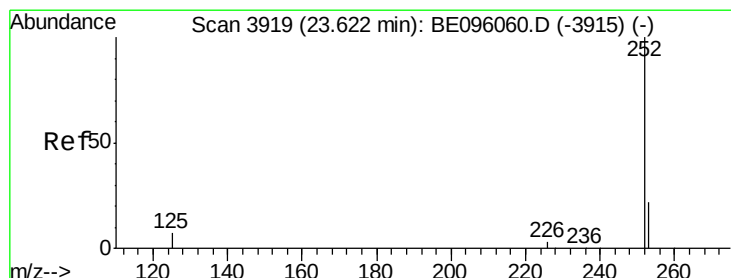
Tgt Ion:252 Resp: 17127

Ion Ratio Lower Upper

252 100

253 30.0 24.5 36.7

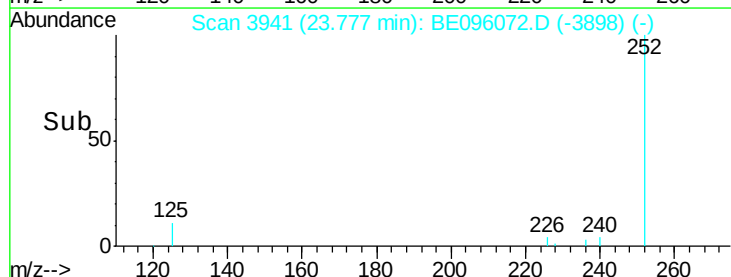
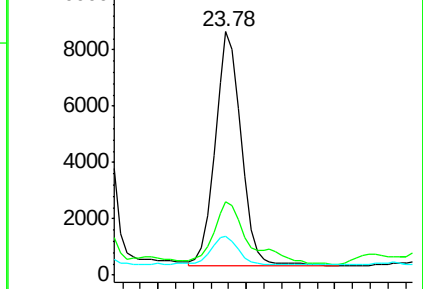
125 15.9 13.7 20.5

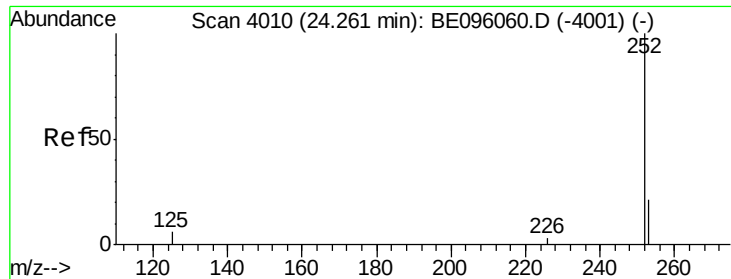


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 26.181 ng/ul

RT: 24.44 min Scan# 4035

Delta R.T. 0.18 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

Instrument :

BNA_E

ClientSampleId :

C0AC3

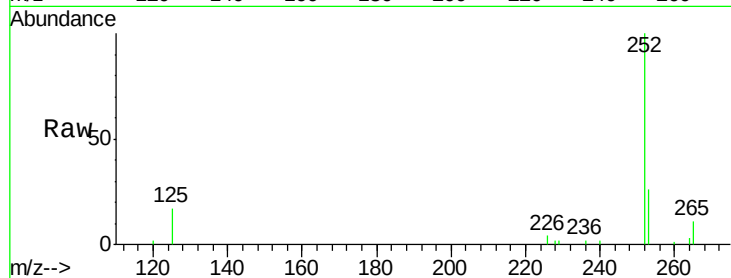
Tot Ion:252 Resp: 28940

Ion Ratio Lower Upper

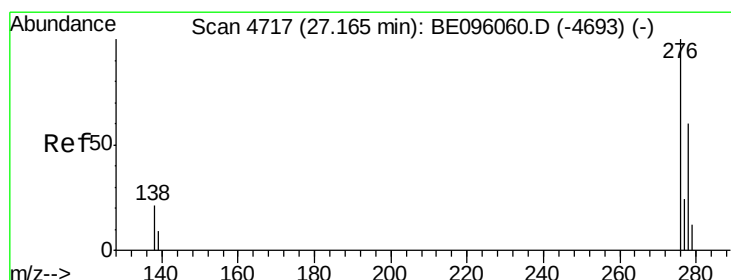
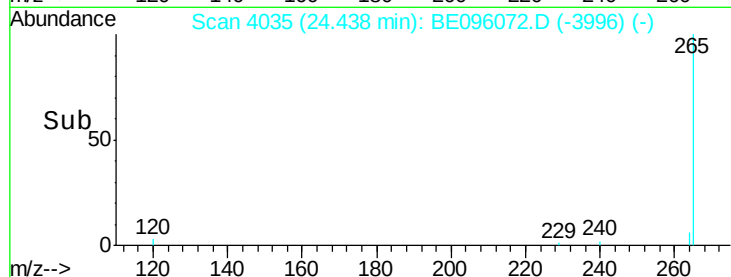
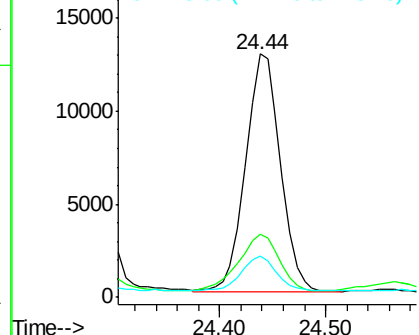
252 100

253 25.9 28.5 42.7#

125 16.8 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: 1.560 ng/ul

RT: 27.32 min Scan# 4760

Delta R.T. 0.15 min

Lab File: BE096072.D

Acq: 21 Apr 2018 10:09

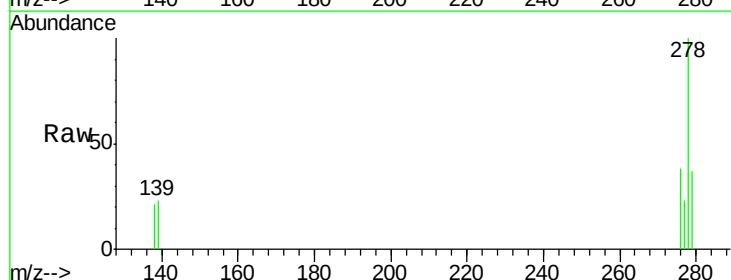
Tgt Ion:276 Resp: 1916

Ion Ratio Lower Upper

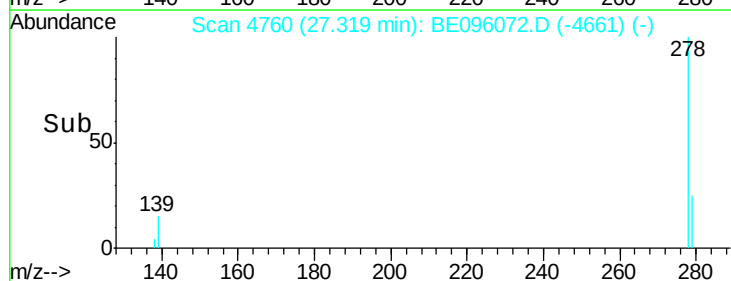
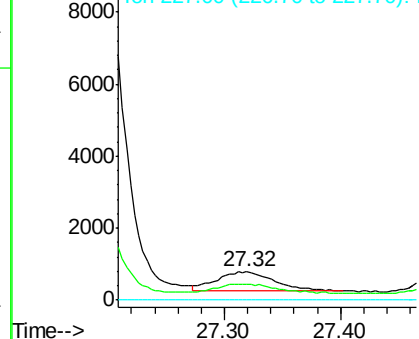
276 100

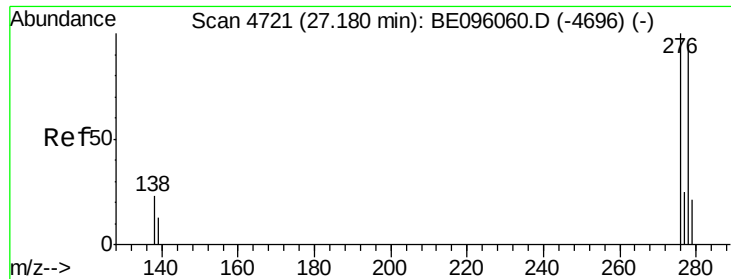
138 50.3 28.0 42.0#

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

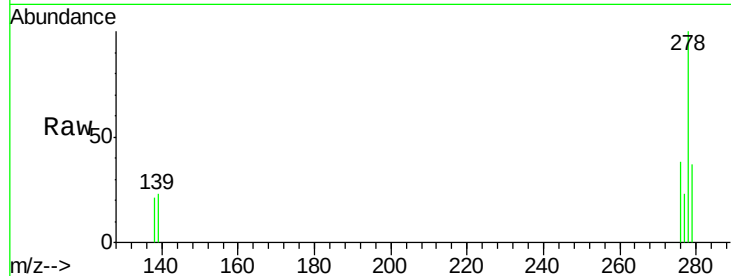




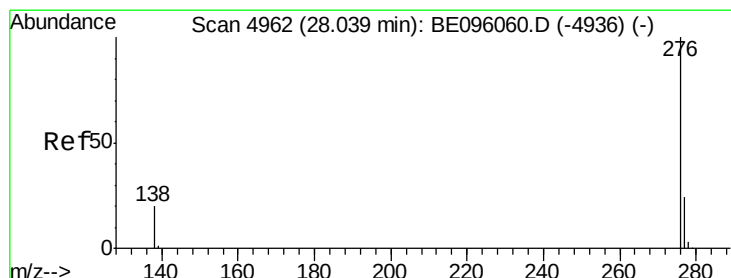
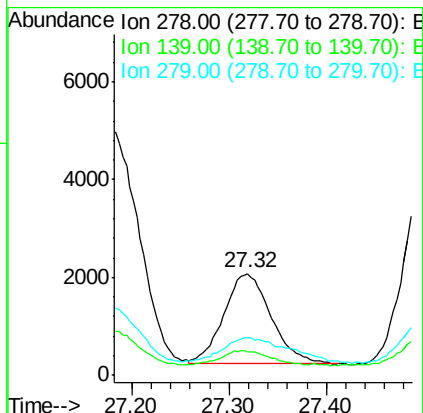
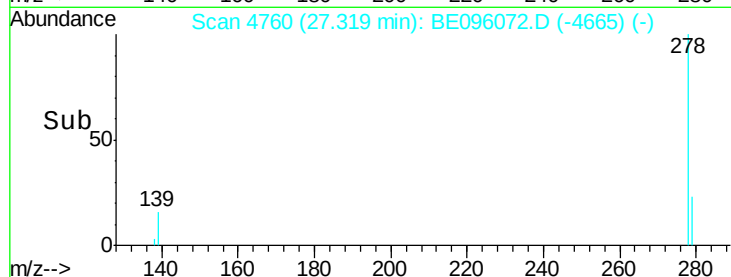
#25
Dibenzo(a,h)anthracene
Concen: 6.314 ng/ul
RT: 27.32 min Scan# 4760
Delta R.T. 0.14 min
Lab File: BE096072.D
Acq: 21 Apr 2018 10:09

Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion:278 Resp: 6246
Ion Ratio Lower Upper
278 100
139 23.3 17.4 26.0
279 36.8 25.9 38.9

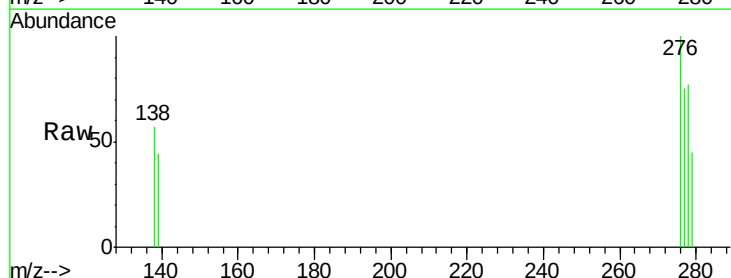


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.317 ng/ul
RT: 28.34 min Scan# 5045
Delta R.T. 0.30 min
Lab File: BE096072.D
Acq: 21 Apr 2018 10:09

Tgt Ion:276 Resp: 1351
Ion Ratio Lower Upper
276 100
138 57.3 21.8 32.8#
277 74.8 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

