

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096161.D
 Acq On : 25 Apr 2018 23:06
 Operator : SJ/JU
 Sample : J2355-02DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 05:08:48 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 05:06:09 2018
 Response via : Initial Calibration

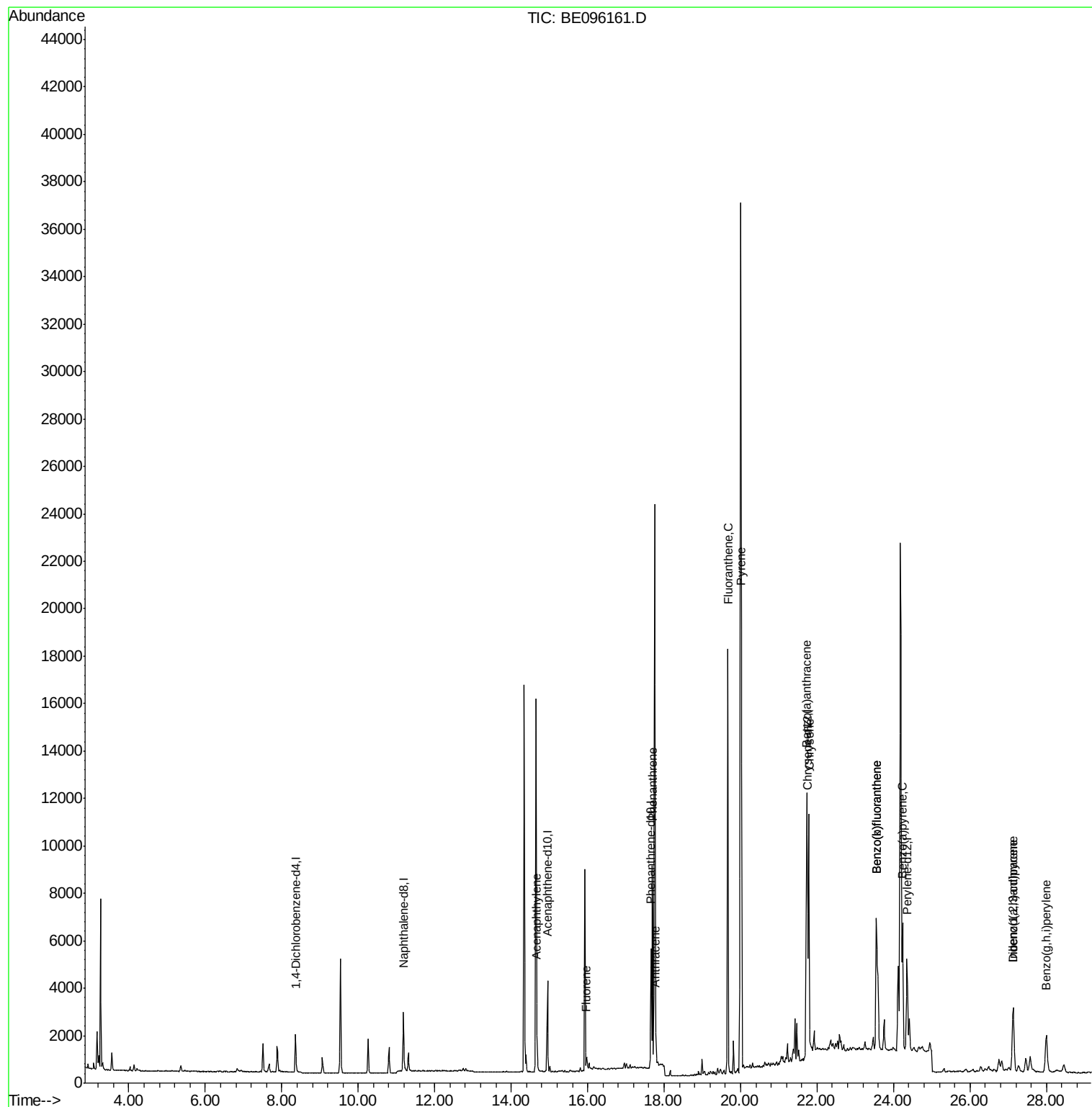
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	830	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3309	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5667	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	7396	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	5920	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.62	152	5	0.00	ng/ul	-0.12
14) Fluoranthene-d10	19.64	212	469	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.67	152	1213	0.113	ng/ul	94
9) Fluorene	15.98	166	395	0.039	ng/ul#	92
12) Phenanthrene	17.70	178	8667	0.519	ng/ul#	88
13) Anthracene	17.79	178	1331	0.080	ng/ul#	93
15) Fluoranthene	19.67	202	19794	0.776	ng/ul	85
17) Pyrene	20.02	202	11342	0.764	ng/ul#	78
18) Benzo(a)anthracene	21.73	228	8711	0.389	ng/ul#	85
19) Chrysene	21.79	228	10275	0.499	ng/ul	96
21) Benzo(b)fluoranthene	23.55	252	14749	0.658	ng/ul	89
22) Benzo(k)fluoranthene	23.55	252	14672	0.685	ng/ul	91
23) Benzo(a)pyrene	24.23	252	8153	0.419	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.13	276	5200	0.198	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.13	278	1416	0.064	ng/ul#	81
26) Benzo(g,h,i)perylene	27.99	276	4115	0.180	ng/ul	95

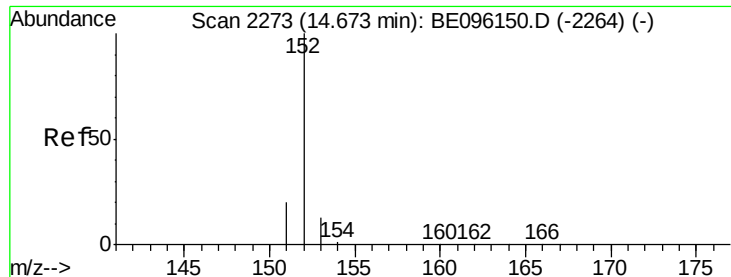
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.113 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

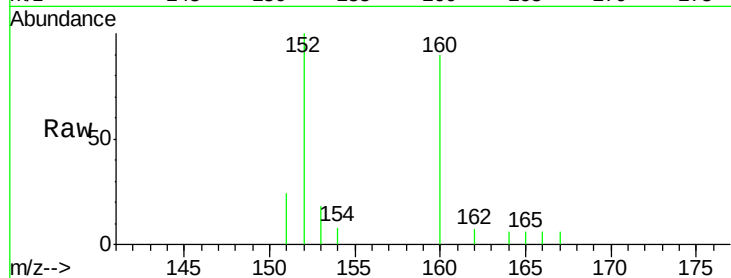
Tot Ion:152 Resp: 1213

Ion Ratio Lower Upper

152 100

151 24.0 17.1 25.7

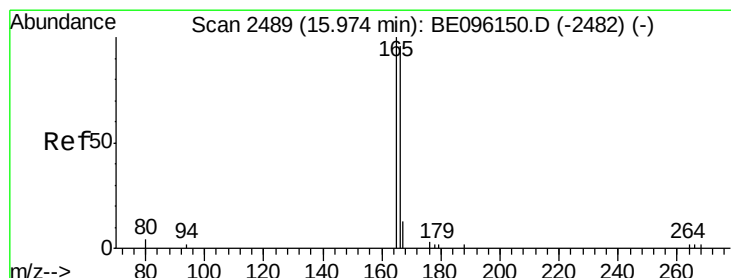
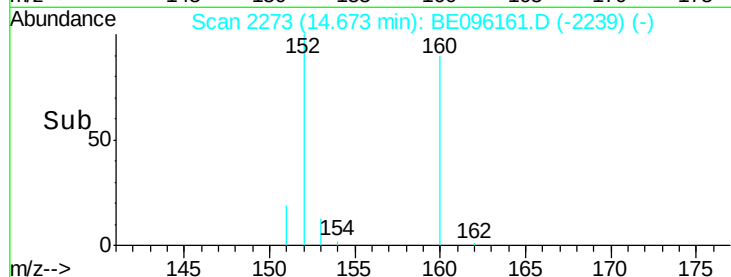
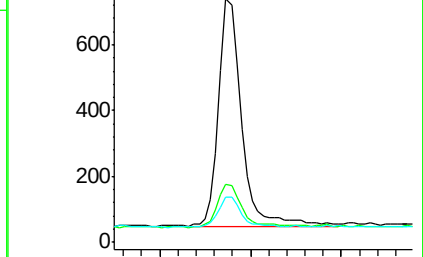
153 18.4 12.8 19.2



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



#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

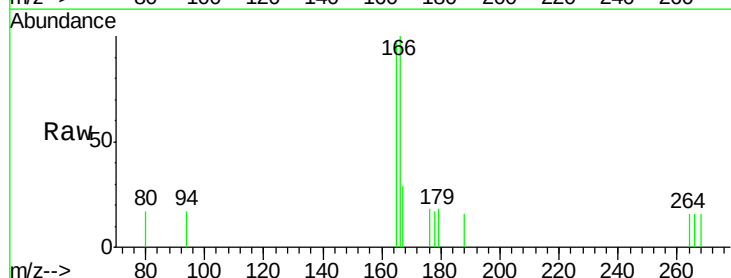
Tgt Ion:166 Resp: 395

Ion Ratio Lower Upper

166 100

165 96.6 73.4 110.2

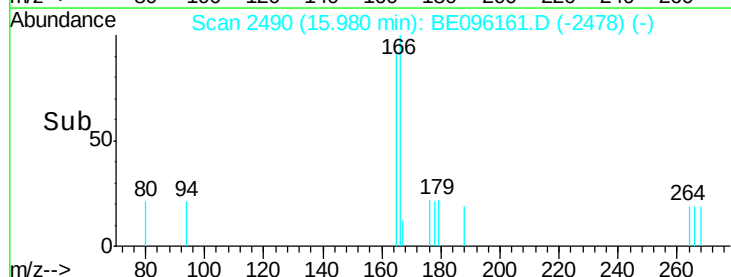
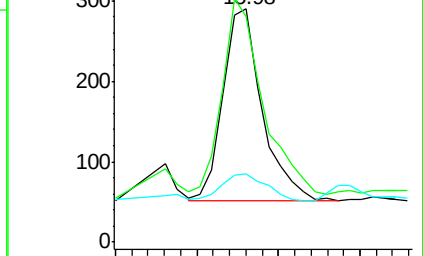
167 29.3 14.6 22.0#

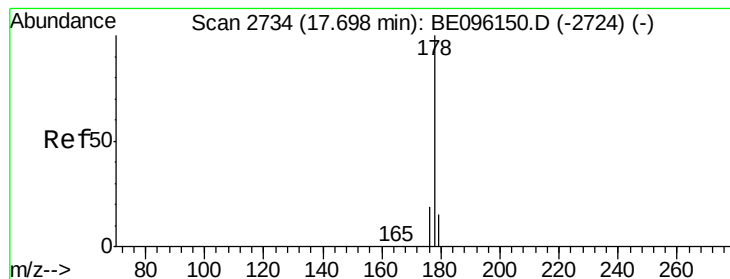


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.519 ng/ul

RT: 17.70 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

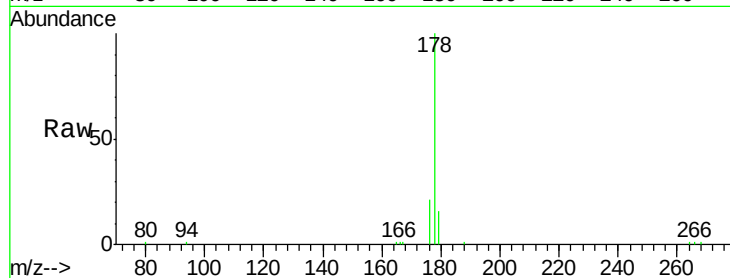
Tot Ion:178 Resp: 8667

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

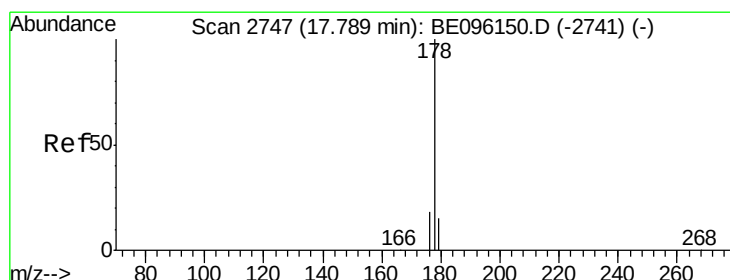
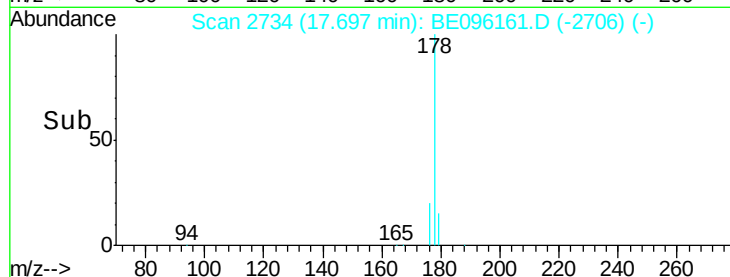
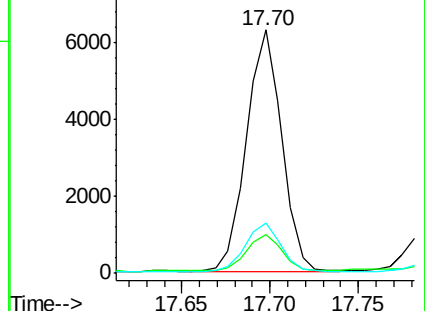
176 20.7 13.6 20.4#



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



#13

Anthracene

Concen: 0.080 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

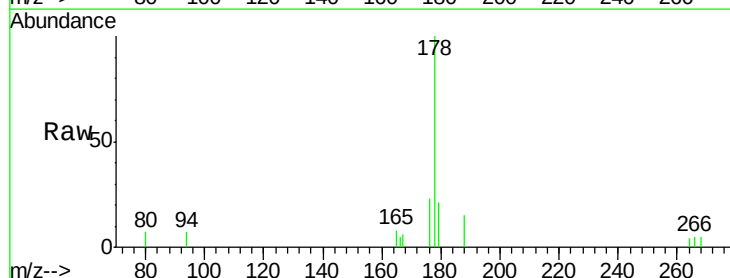
Tgt Ion:178 Resp: 1331

Ion Ratio Lower Upper

178 100

179 20.7 18.1 27.1

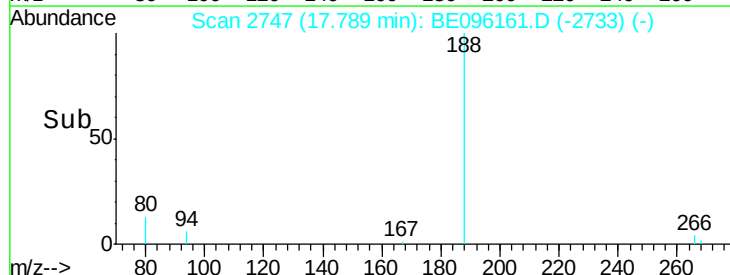
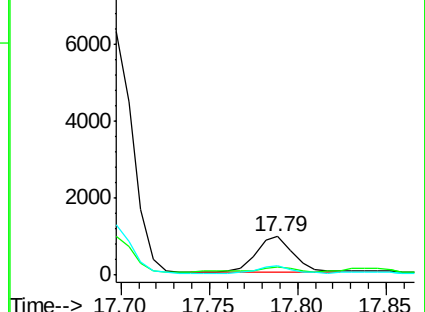
176 23.4 14.7 22.1#

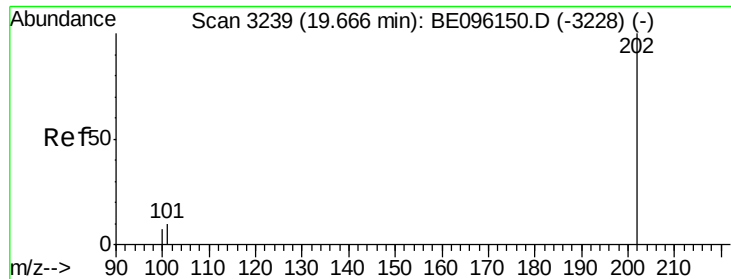


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.776 ng/ul

RT: 19.67 min Scan# 3239

Delta R.T. 0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

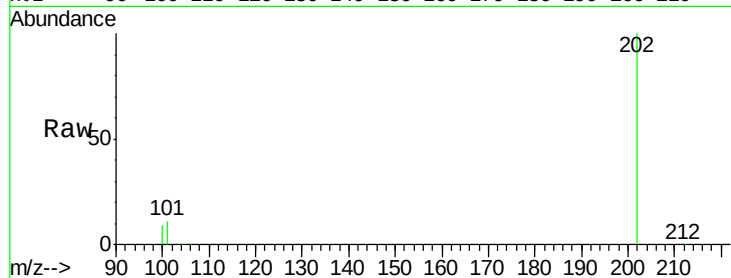
Tot Ion:202 Resp: 19794

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

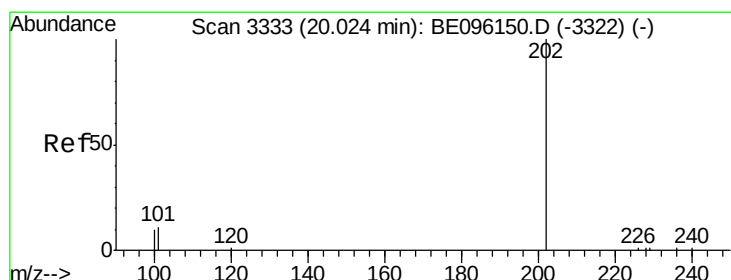
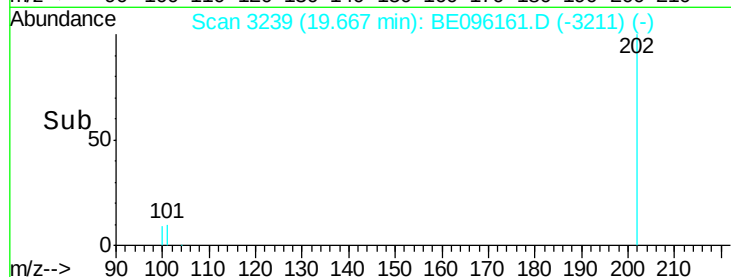
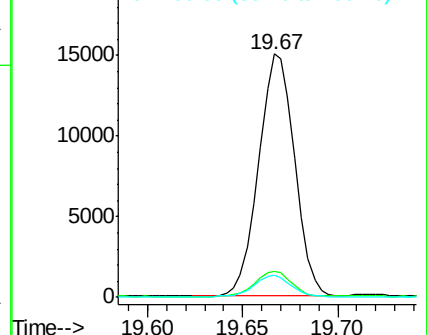
100 9.1 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.764 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

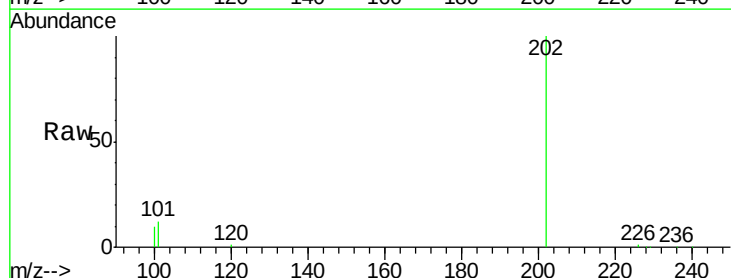
Tgt Ion:202 Resp: 11342

Ion Ratio Lower Upper

202 100

101 11.8 18.2 27.4#

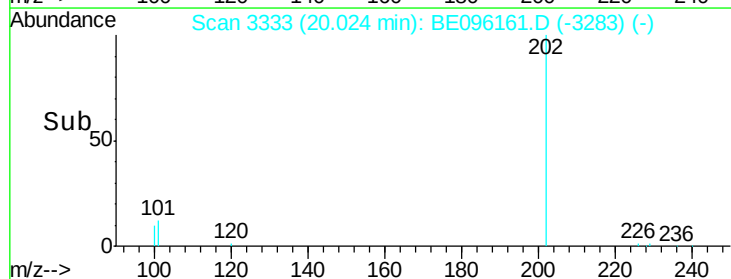
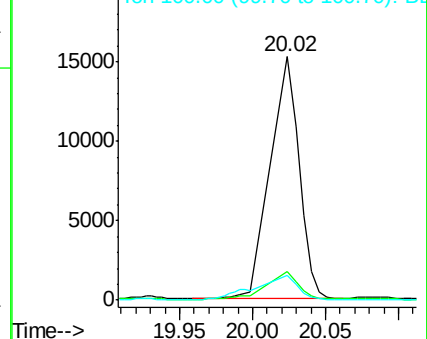
100 10.2 15.6 23.4#

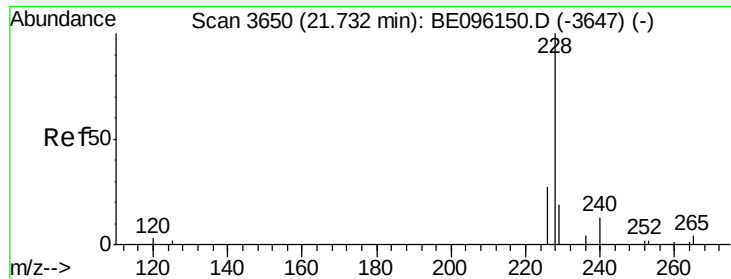


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 21.73 min Scan# 3650

Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

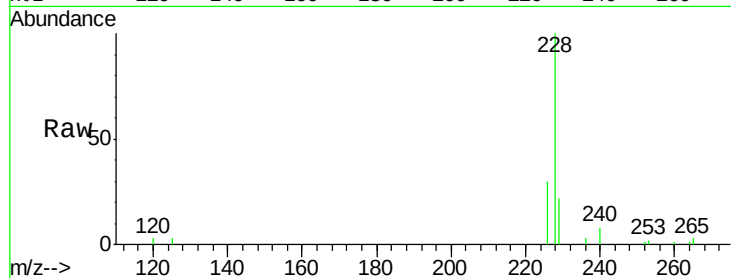
Tot Ion:228 Resp: 8711

Ion Ratio Lower Upper

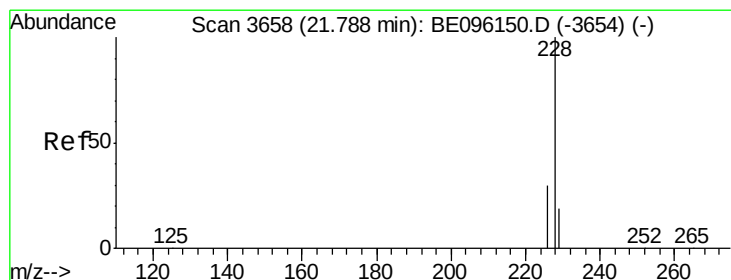
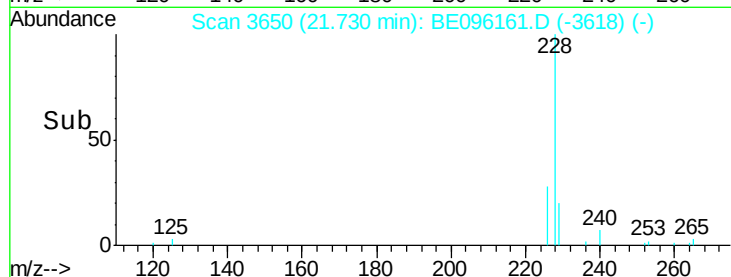
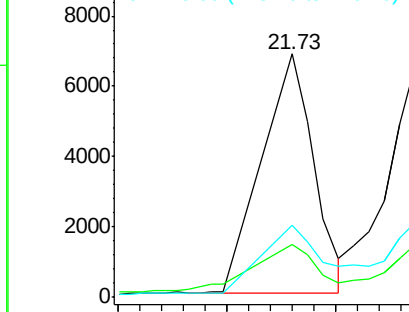
228 100

229 21.9 22.8 34.2#

226 29.6 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: 0.499 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

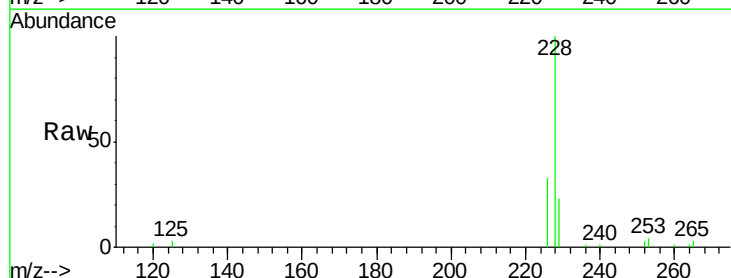
Tgt Ion:228 Resp: 10275

Ion Ratio Lower Upper

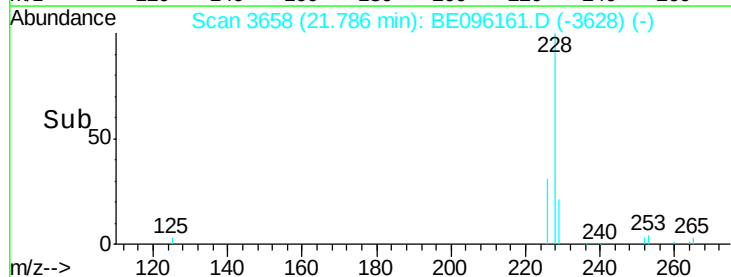
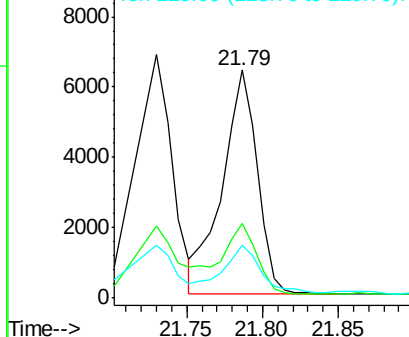
228 100

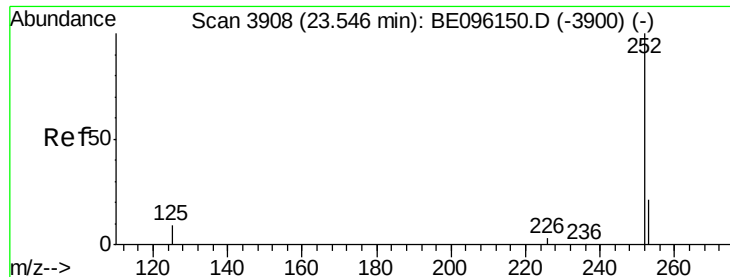
226 32.5 23.4 35.0

229 23.0 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: 0.658 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. 0.01 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

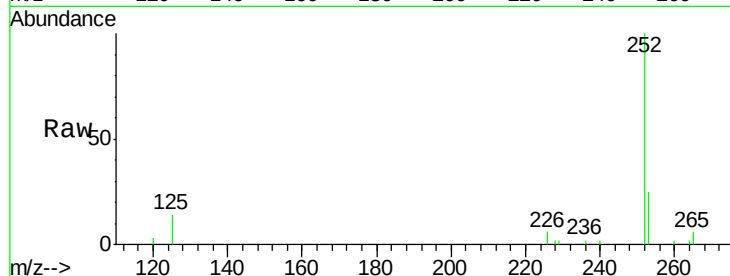
Tot Ion:252 Resp: 14749

Ion Ratio Lower Upper

252 100

253 25.2 0.0 64.2

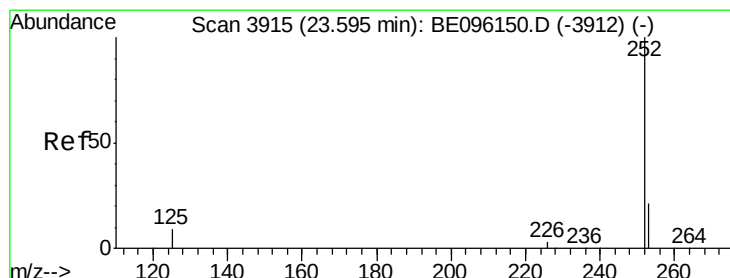
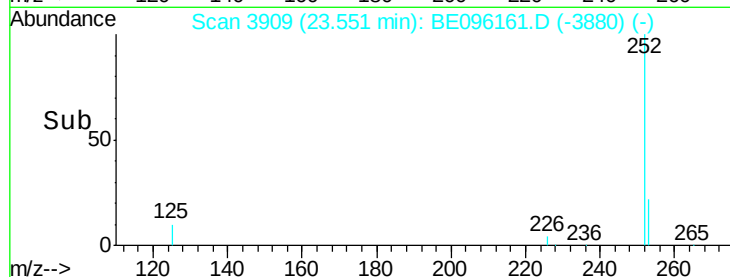
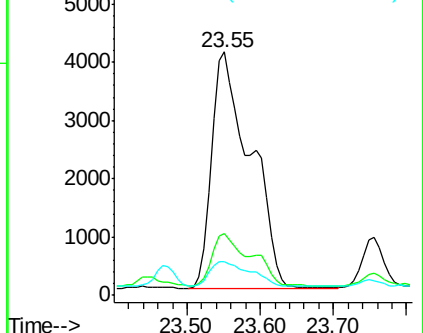
125 13.7 0.0 35.0



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: 0.685 ng/ul

RT: 23.55 min Scan# 3909

Delta R.T. -0.04 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

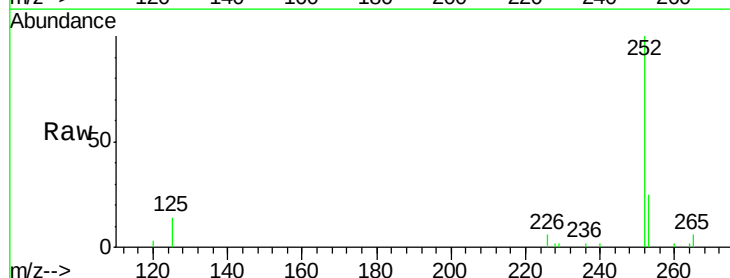
Tgt Ion:252 Resp: 14672

Ion Ratio Lower Upper

252 100

253 25.2 24.5 36.7

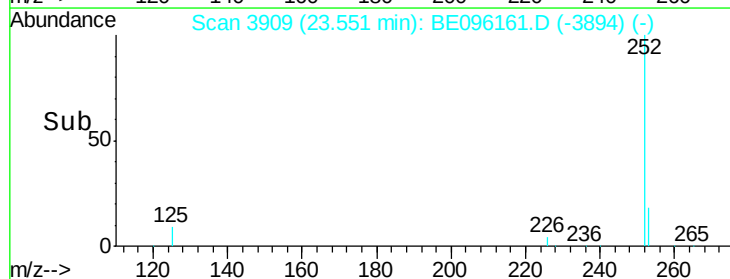
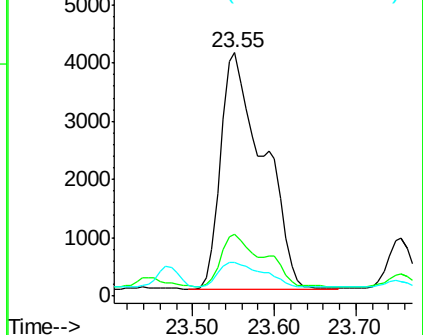
125 13.7 13.7 20.5

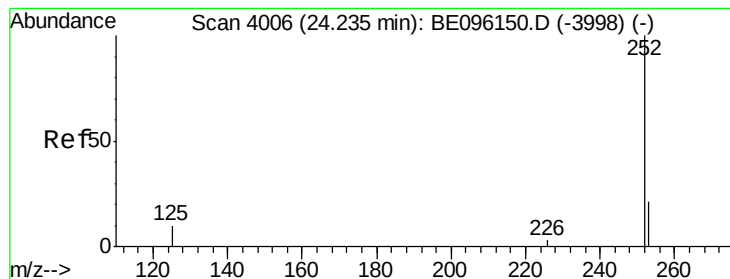


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.419 ng/ul

RT: 24.23 min Scan# 4006

Delta R.T. -0.00 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

Instrument :

BNA_E

ClientSampleId :

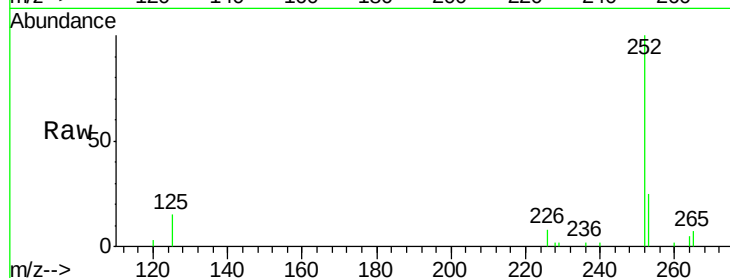
Tot Ion:252 Resp: 8153

Ion Ratio Lower Upper

252 100

253 25.5 28.5 42.7#

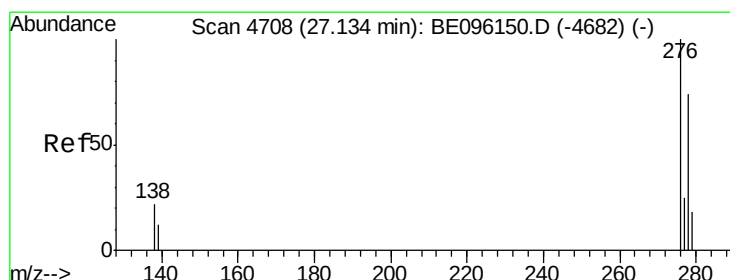
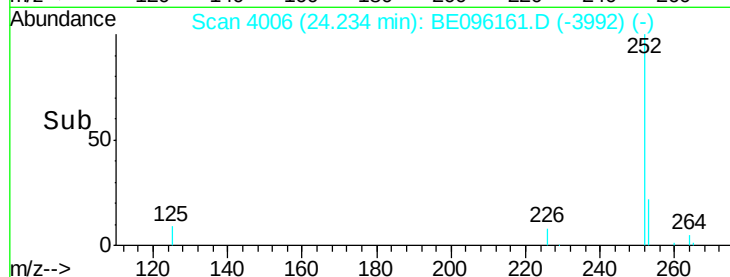
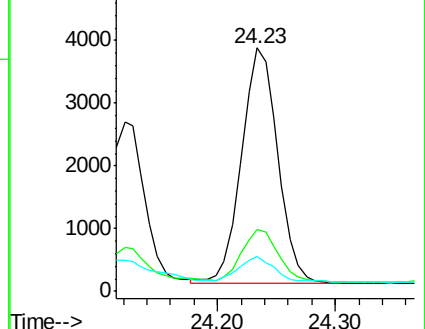
125 14.5 18.1 27.1#



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: 0.198 ng/ul

RT: 27.13 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BE096161.D

Acq: 25 Apr 2018 23:06

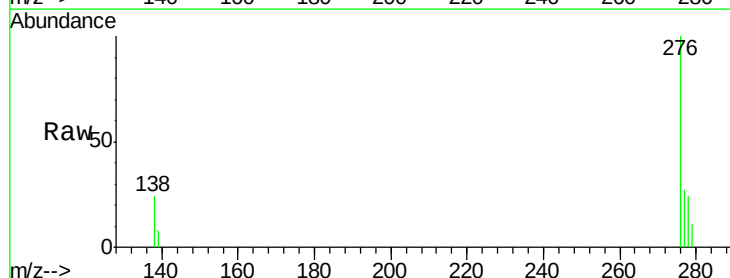
Tgt Ion:276 Resp: 5200

Ion Ratio Lower Upper

276 100

138 20.2 28.0 42.0#

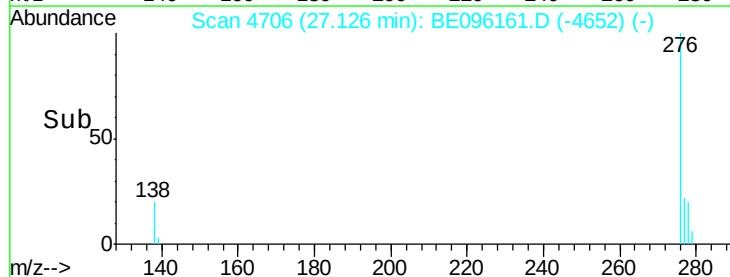
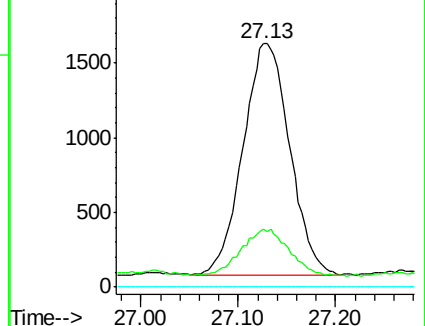
227 0.0 8.0 12.0#

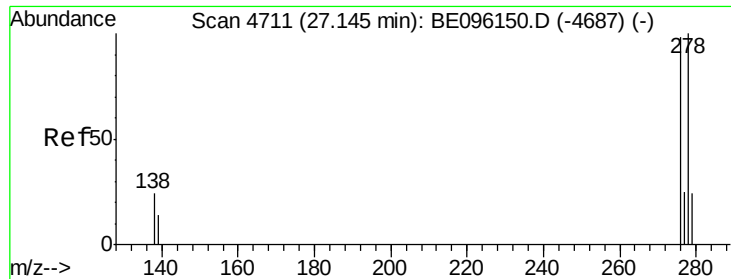


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



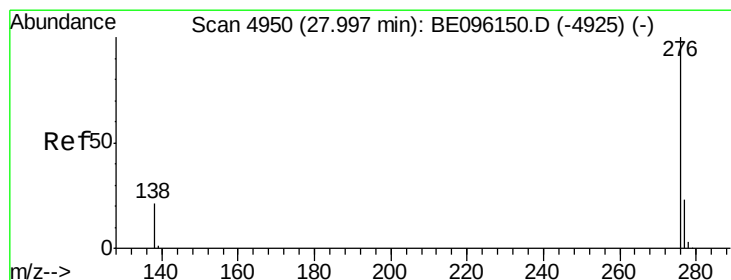
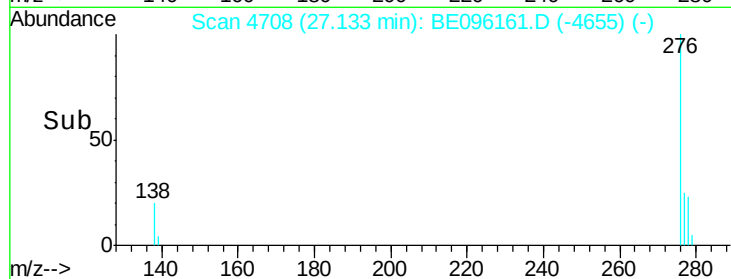
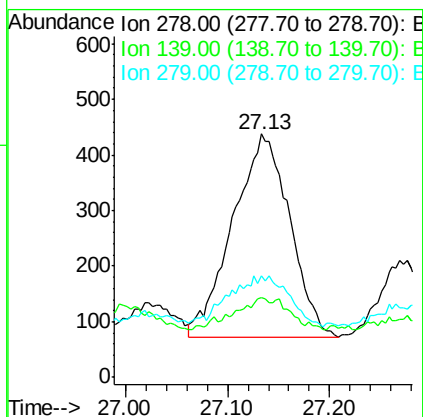
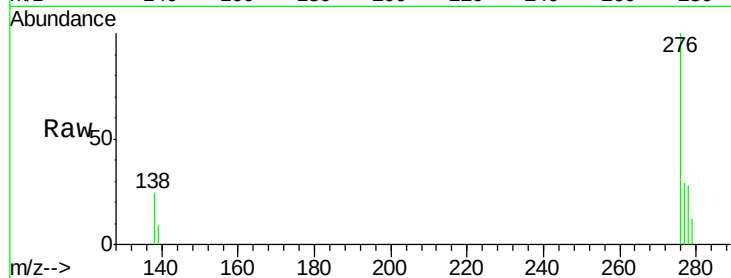


#25

Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 27.13 min Scan# 4708
Delta R.T. -0.01 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1416
Ion Ratio Lower Upper
278 100
139 32.6 17.4 26.0#
279 41.8 25.9 38.9#



#26

Benzo(g,h,i)perylene
Concen: 0.180 ng/ul
RT: 27.99 min Scan# 4948
Delta R.T. -0.01 min
Lab File: BE096161.D
Acq: 25 Apr 2018 23:06

Tgt Ion:276 Resp: 4115
Ion Ratio Lower Upper
276 100
138 25.4 21.8 32.8
277 29.1 20.5 30.7

