

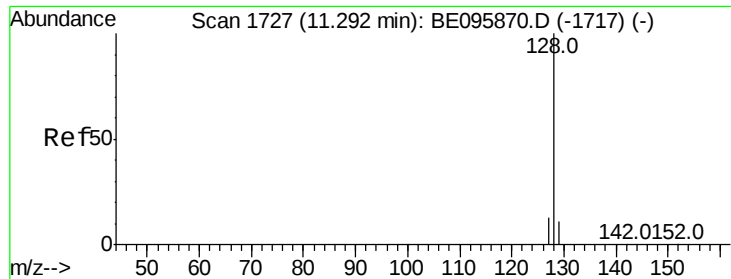
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095880.D
 Acq On : 28 Mar 2018 17:09
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:33:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 16:31:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1589	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4158	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6710	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7385	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7088	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2963	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	10003	0.47	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	4245	0.366	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	2976	0.369	ng/ul	99
7) Acenaphthylene	14.72	152	4847	0.380	ng/ul	98
8) Acenaphthene	15.06	153	3513	0.366	ng/ul	95
9) Fluorene	16.02	166	4094	0.393	ng/ul#	91
11) Pentachlorophenol	17.36	266	322	0.341	ng/ul	91
12) Phenanthrene	17.74	178	7285	0.363	ng/ul#	88
13) Anthracene	17.83	178	7092	0.377	ng/ul#	90
15) Fluoranthene	19.71	202	9729	0.400	ng/ul	84
17) Pyrene	20.06	202	10840	0.387	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	9193	0.386	ng/ul#	84
19) Chrysene	21.83	228	8662	0.357	ng/ul	97
21) Benzo(b)fluoranthene	23.59	252	8377	0.341	ng/ul	87
22) Benzo(k)fluoranthene	23.65	252	8423	0.361	ng/ul#	89
23) Benzo(a)pyrene	24.29	252	8119	0.362	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.21	276	9150	0.368	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.23	278	7422	0.373	ng/ul	92
26) Benzo(g,h,i)perylene	28.09	276	7615	0.357	ng/ul#	94

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



#3

Naphthalene

Concen: 0.366 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

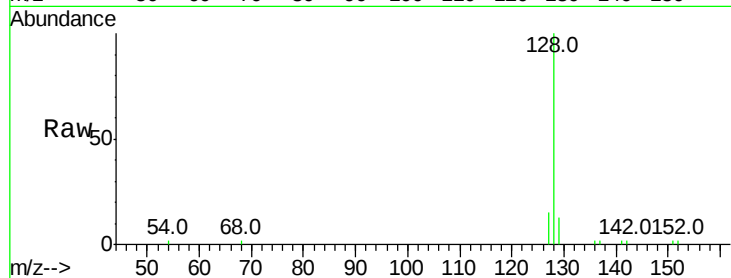
Tot Ion:128 Resp: 4245

Ion Ratio Lower Upper

128 100

129 12.5 11.3 16.9

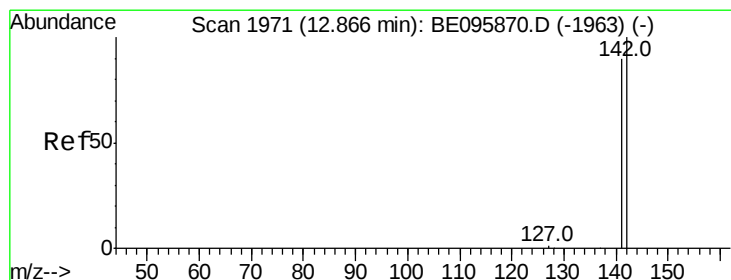
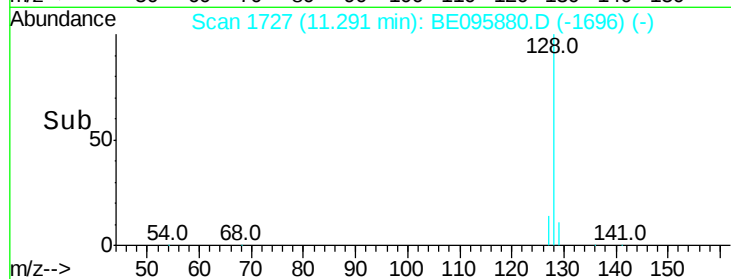
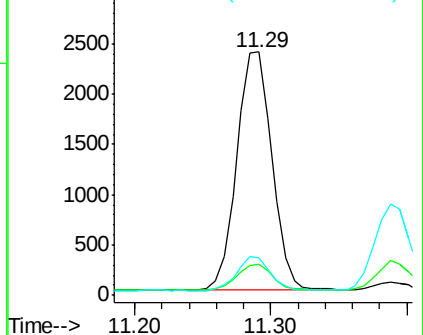
127 15.3 4.0 6.0#



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: 0.369 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BE095880.D

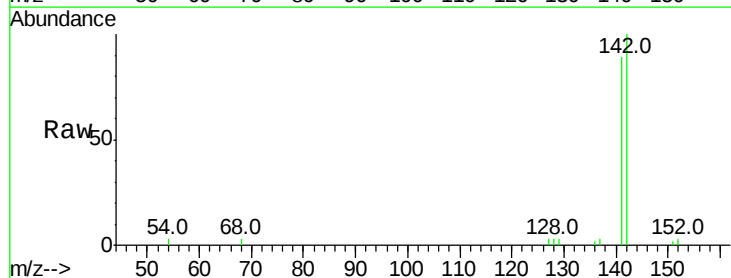
Acq: 28 Mar 2018 17:09

Tgt Ion:142 Resp: 2976

Ion Ratio Lower Upper

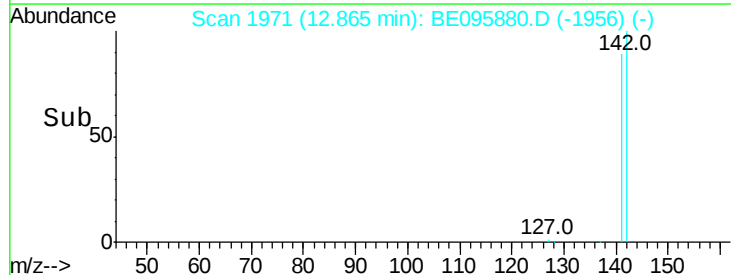
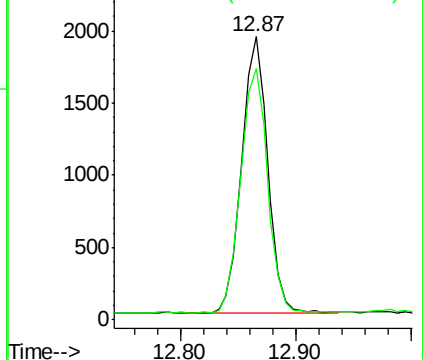
142 100

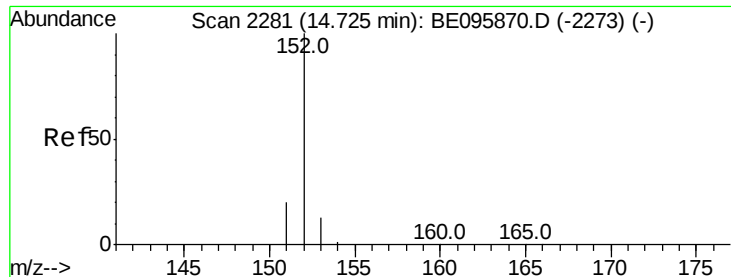
141 91.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.380 ng/ul

RT: 14.72 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

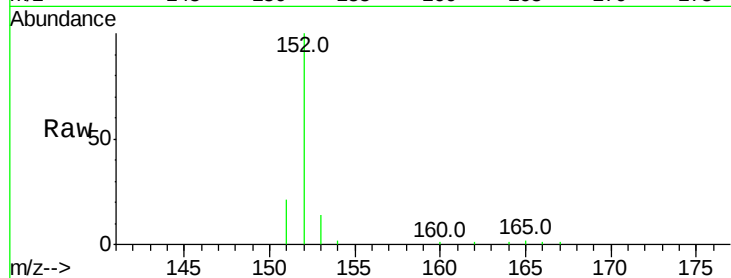
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 4847

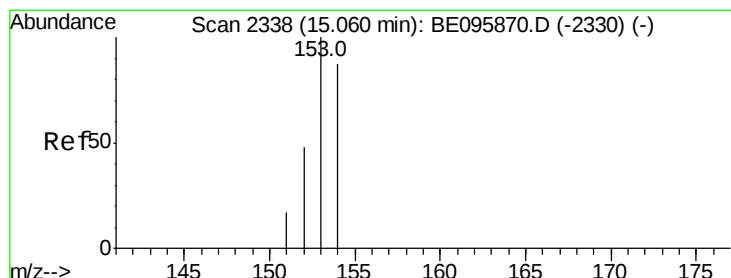
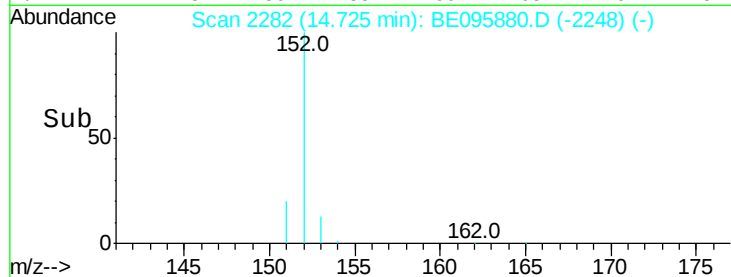
Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.1	12.8	19.2



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: 0.366 ng/ul

RT: 15.06 min Scan# 2339

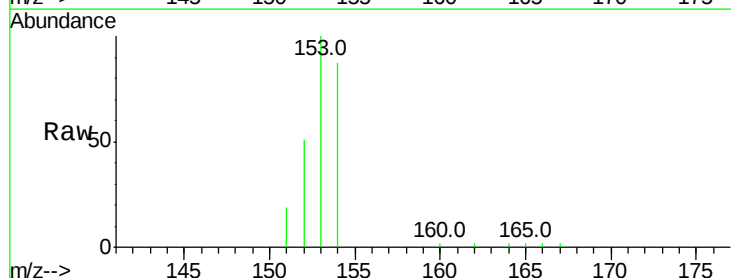
Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Tgt Ion:153 Resp: 3513

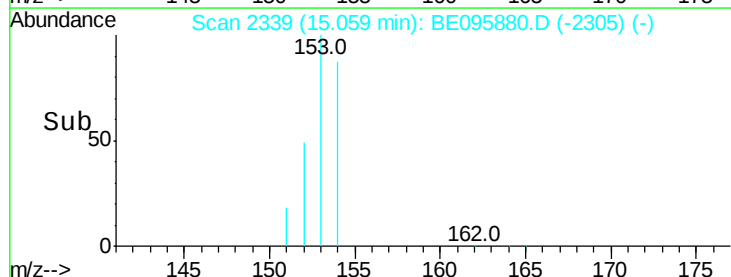
Ion	Ratio	Lower	Upper
153	100		
152	50.7	36.0	54.0
154	87.0	72.0	108.0

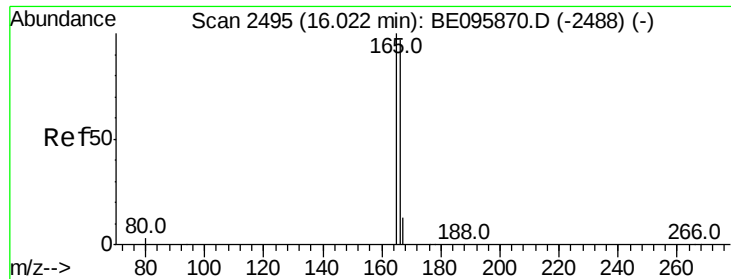


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.393 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

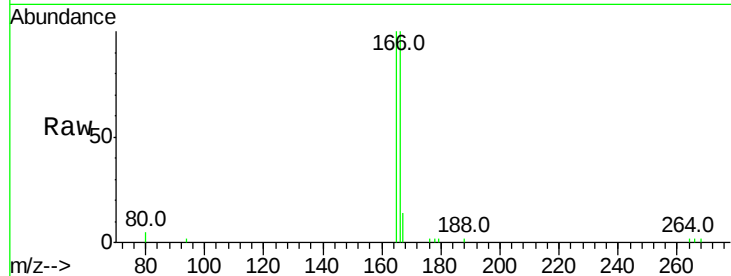
Tot Ion:166 Resp: 4094

Ion Ratio Lower Upper

166 100

165 99.8 73.4 110.2

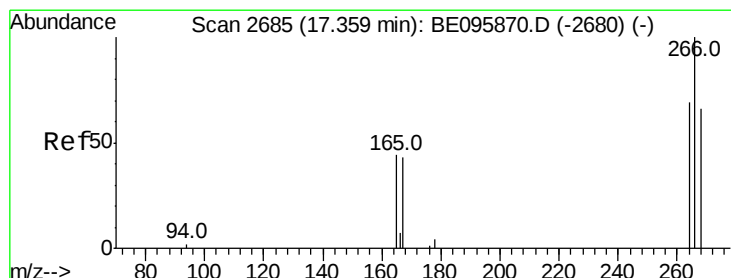
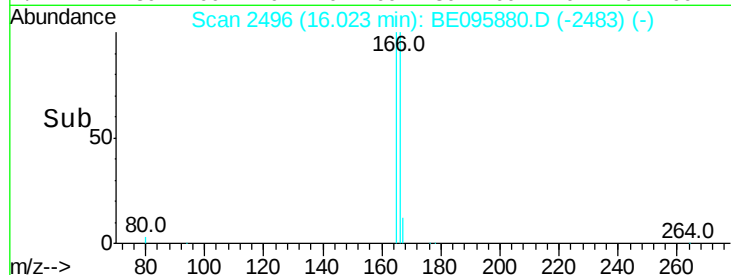
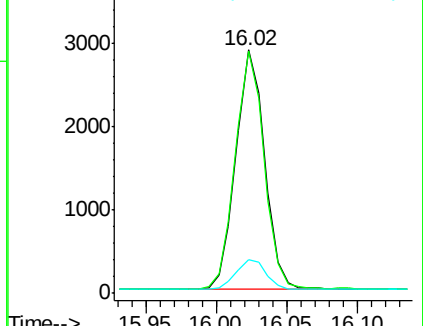
167 13.8 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.341 ng/ul

RT: 17.36 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

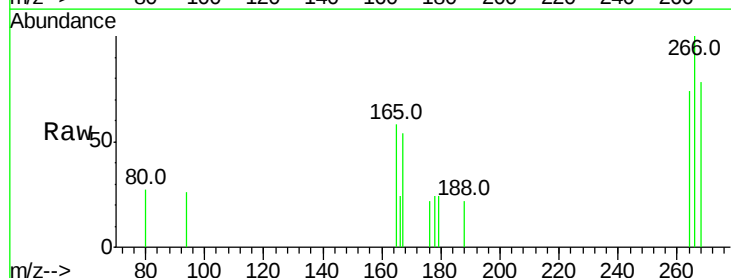
Tgt Ion:266 Resp: 322

Ion Ratio Lower Upper

266 100

264 66.5 47.9 71.9

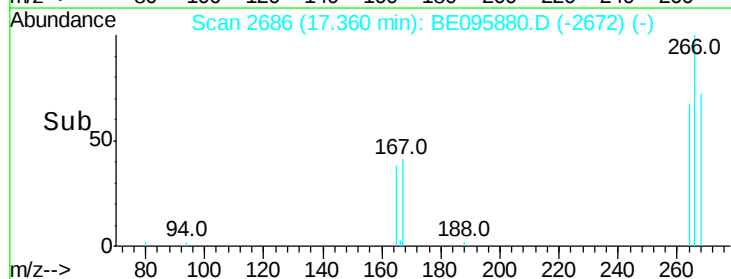
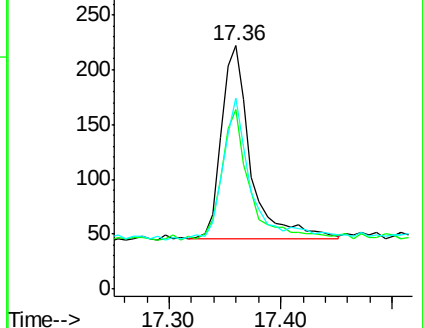
268 69.6 49.8 74.8

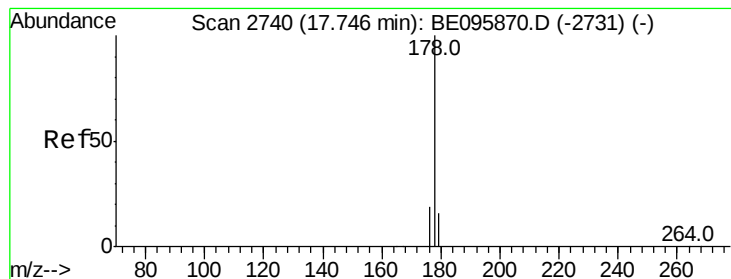


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.74 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

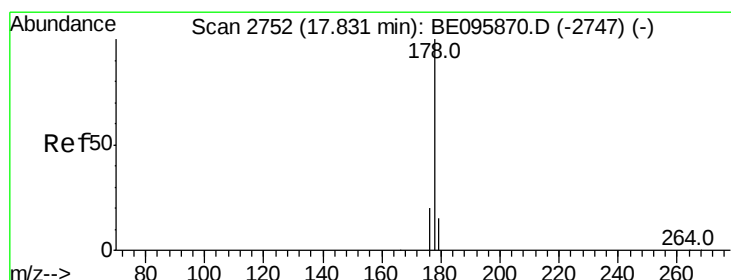
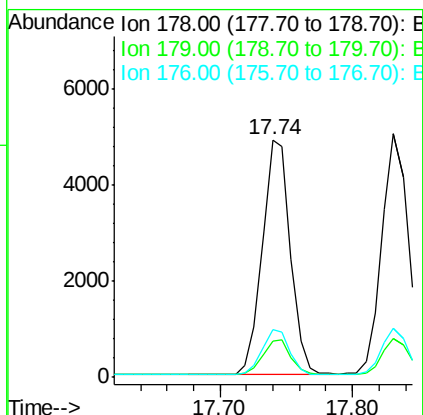
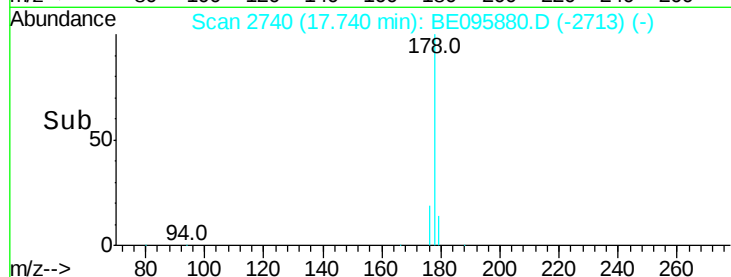
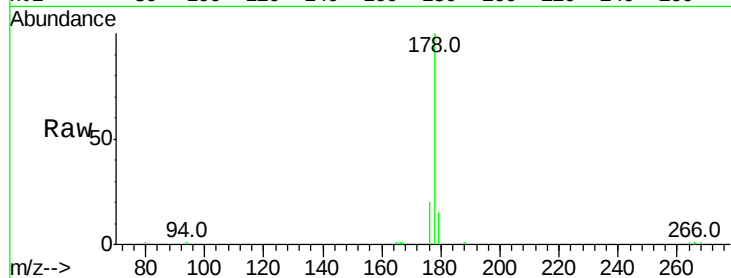
Tot Ion:178 Resp: 7285

Ion Ratio Lower Upper

178 100

179 15.2 18.4 27.6#

176 20.3 13.6 20.4



#13

Anthracene

Concen: 0.377 ng/ul

RT: 17.83 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

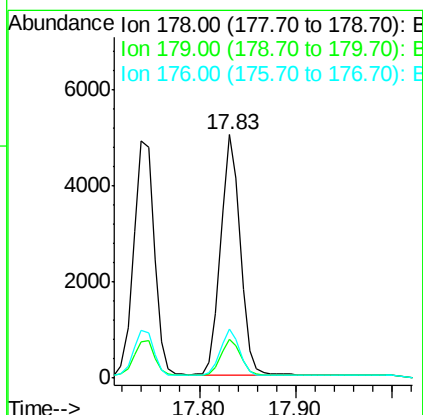
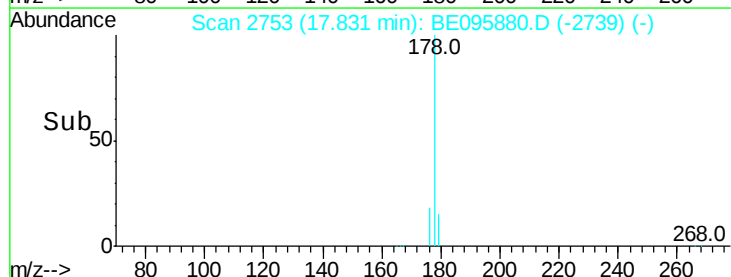
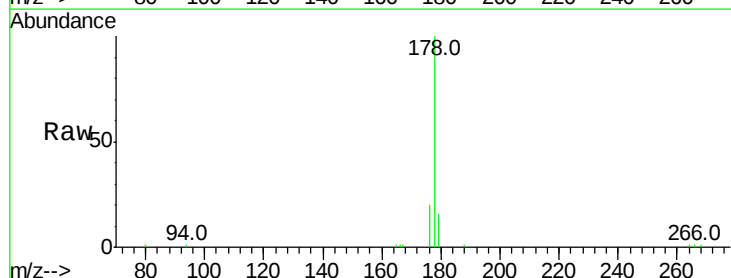
Tgt Ion:178 Resp: 7092

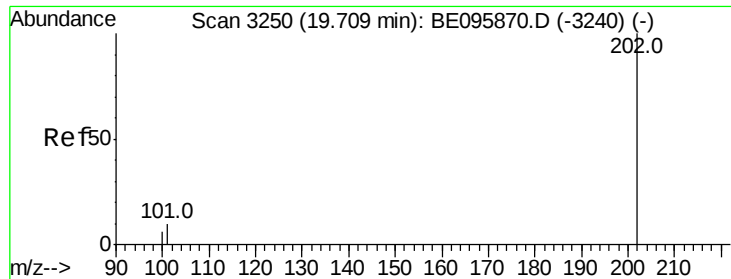
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 20.1 14.7 22.1





#15

Fluoranthene

Concen: 0.400 ng/ul

RT: 19.71 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

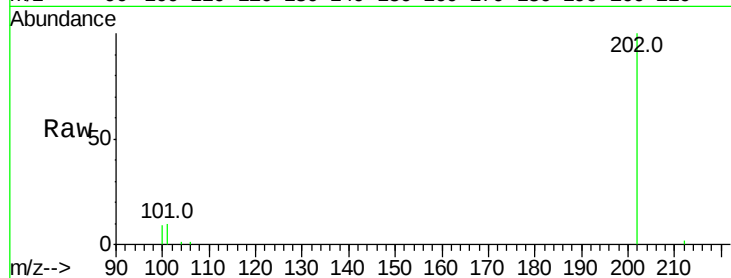
Tot Ion:202 Resp: 9729

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.3

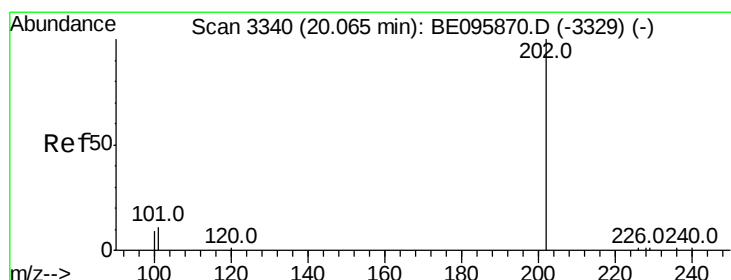
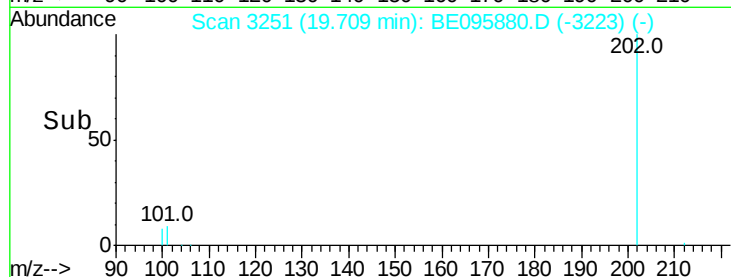
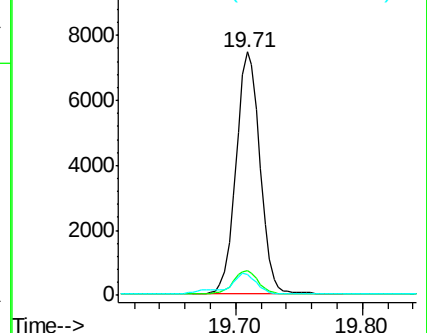
100 8.5 0.0 39.5



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: 0.387 ng/ul

RT: 20.06 min Scan# 3340

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

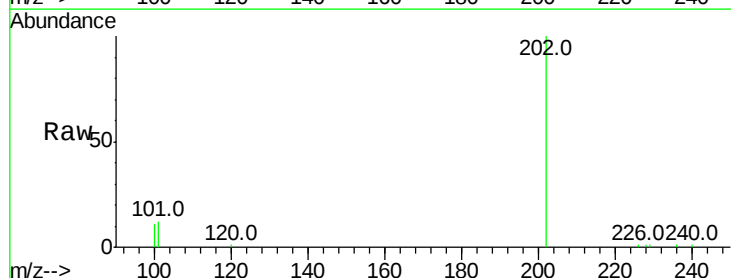
Tgt Ion:202 Resp: 10840

Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

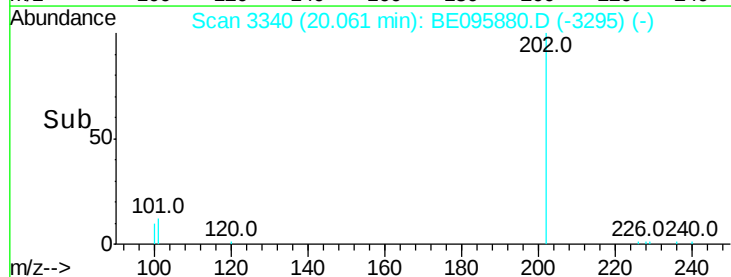
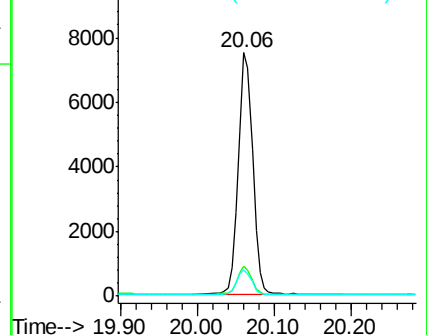
100 10.7 15.6 23.4#

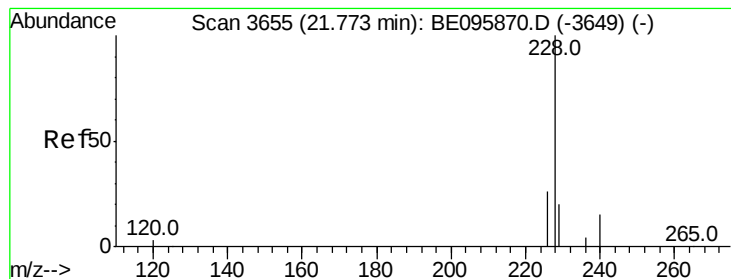


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.386 ng/ul

RT: 21.77 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

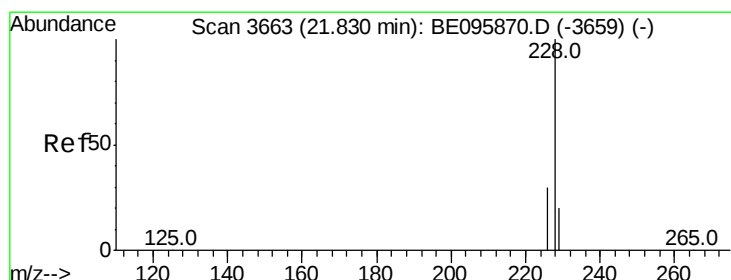
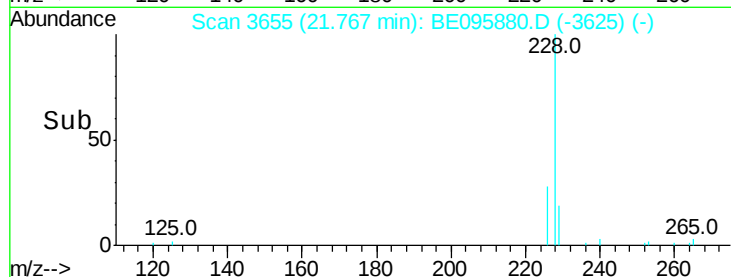
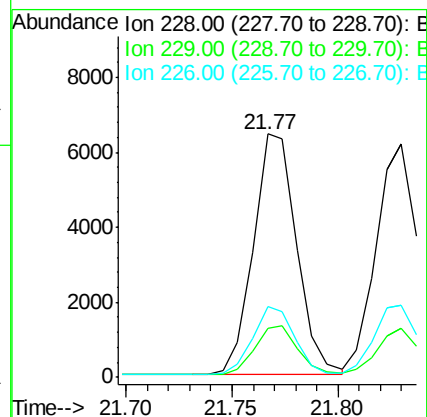
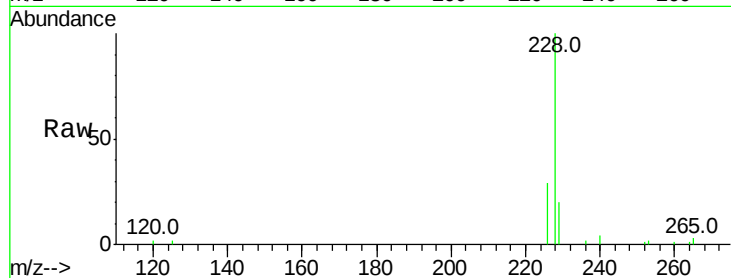
Tot Ion:228 Resp: 9193

Ion Ratio Lower Upper

228 100

229 20.2 22.8 34.2#

226 29.0 17.0 25.6#



#19

Chrysene

Concen: 0.357 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

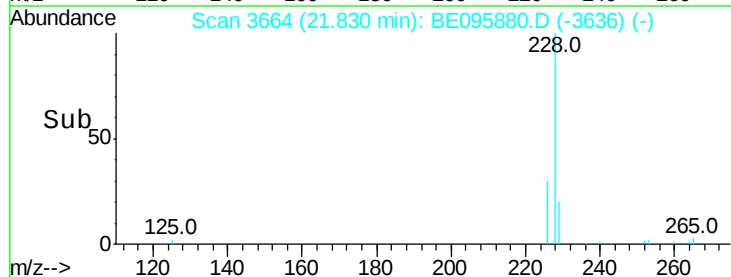
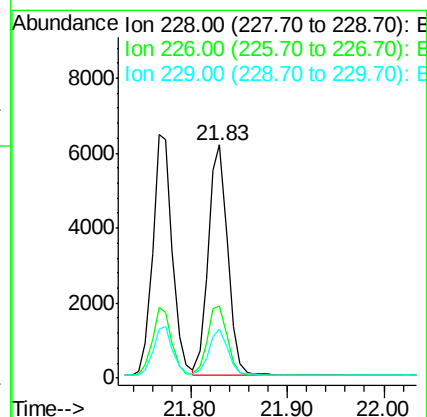
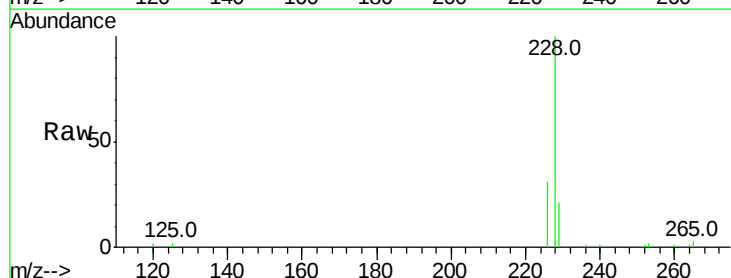
Tgt Ion:228 Resp: 8662

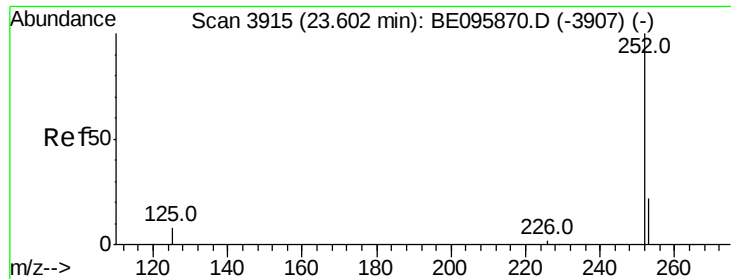
Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

229 21.0 17.7 26.5

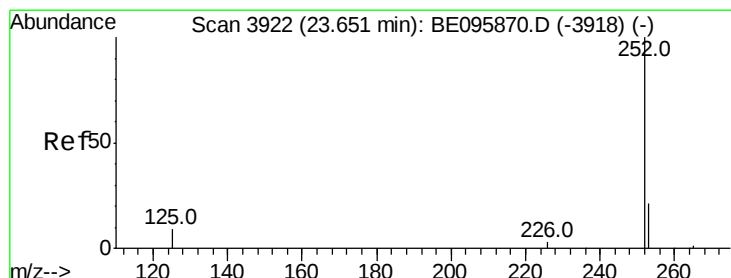
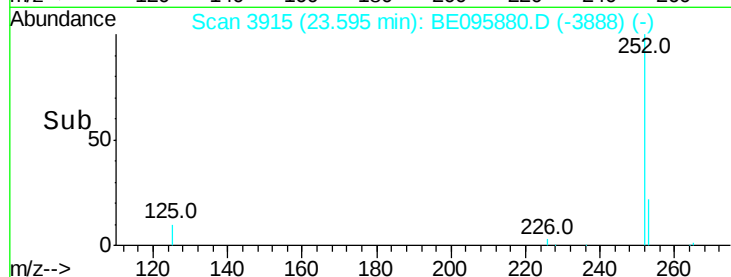
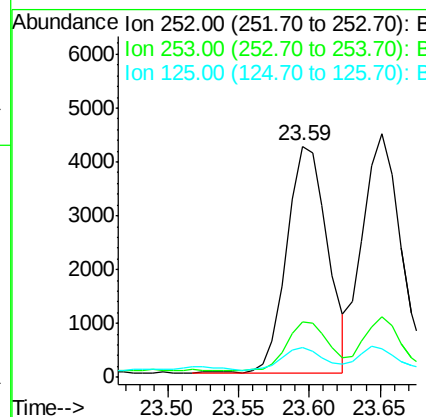
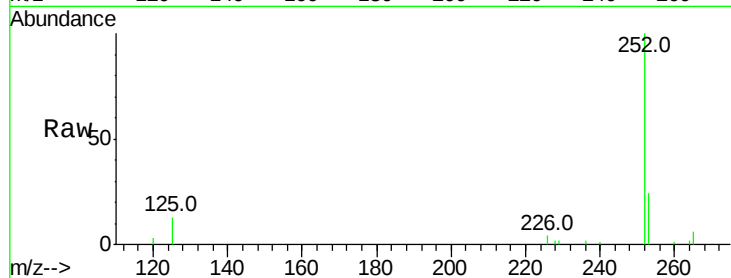




#21
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.59 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BE095880.D
Acq: 28 Mar 2018 17:09

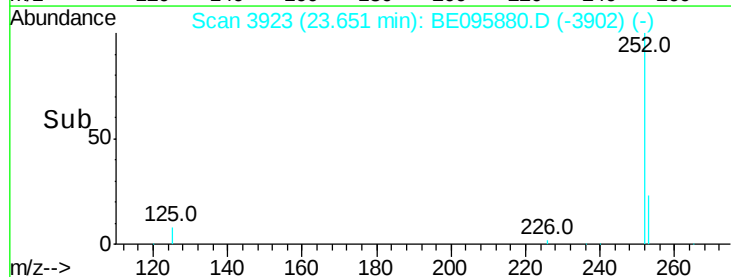
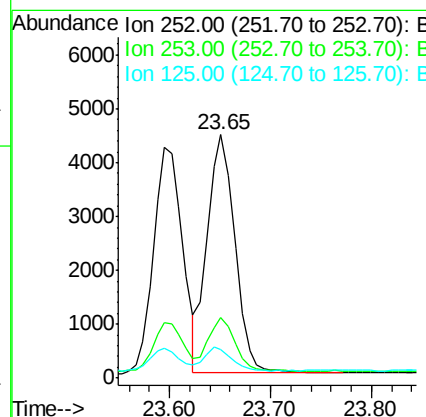
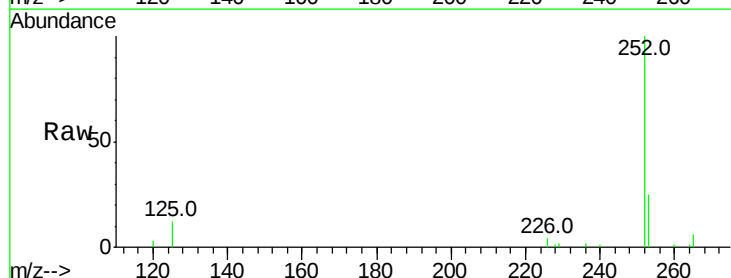
Instrument :
BNA_E
ClientSampleId :

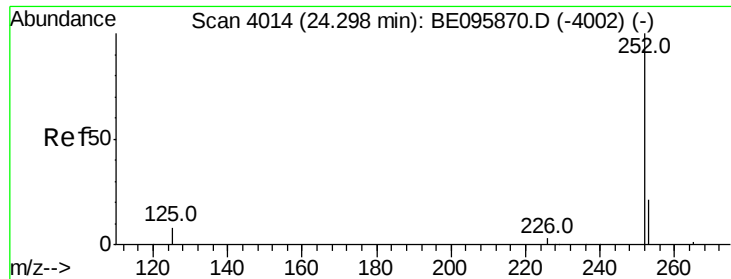
Tot Ion:252 Resp: 8377
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 12.9 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.65 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BE095880.D
Acq: 28 Mar 2018 17:09

Tgt Ion:252 Resp: 8423
Ion Ratio Lower Upper
252 100
253 25.0 24.5 36.7
125 11.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 24.29 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

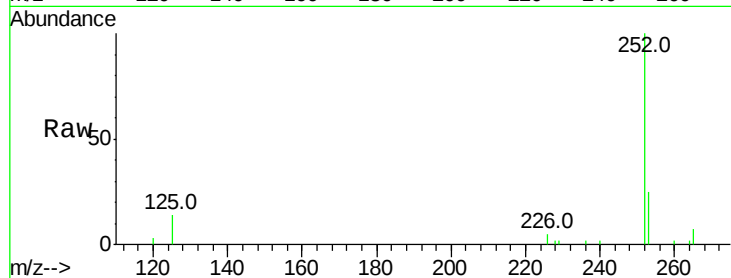
Tot Ion:252 Resp: 8119

Ion Ratio Lower Upper

252 100

253 25.2 28.5 42.7#

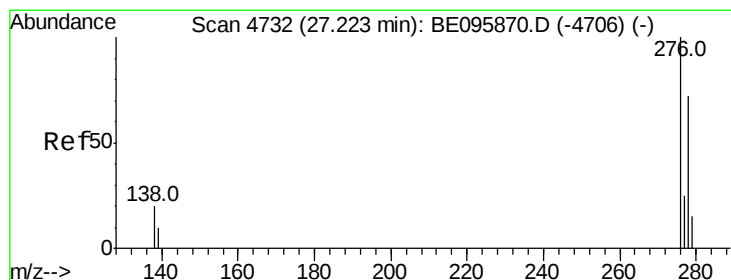
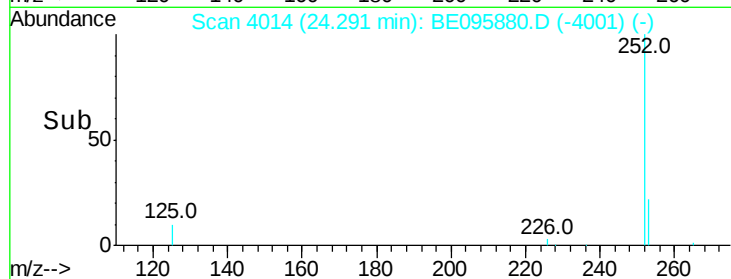
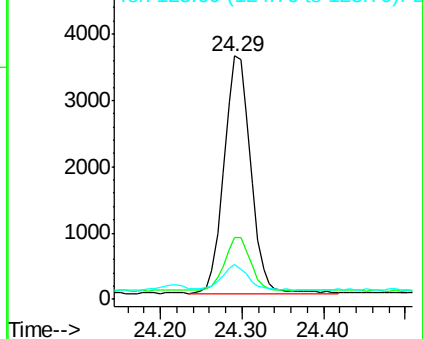
125 14.4 18.1 27.1#



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: 0.368 ng/ul

RT: 27.21 min Scan# 4730

Delta R.T. -0.01 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

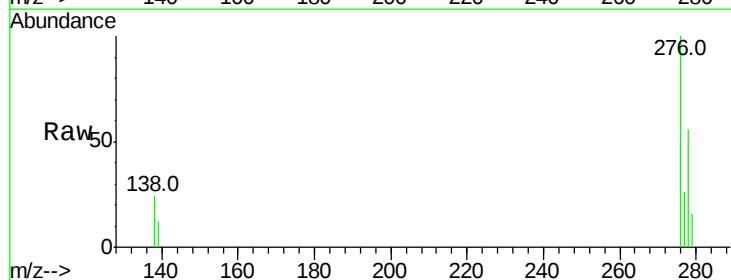
Tgt Ion:276 Resp: 9150

Ion Ratio Lower Upper

276 100

138 22.3 28.0 42.0#

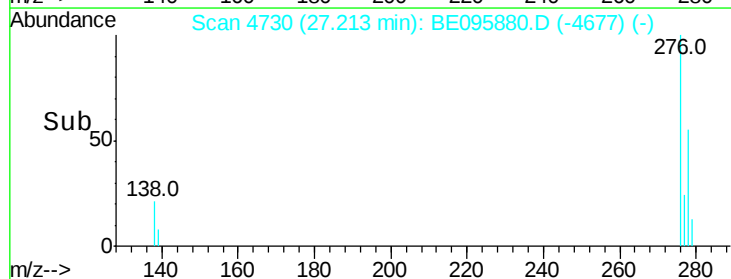
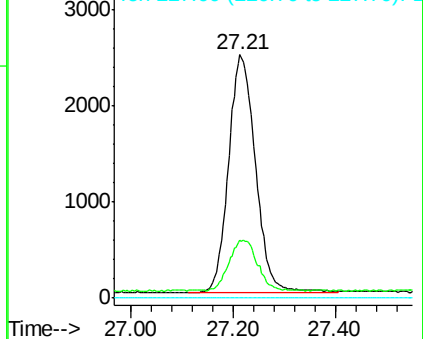
227 0.0 8.0 12.0#

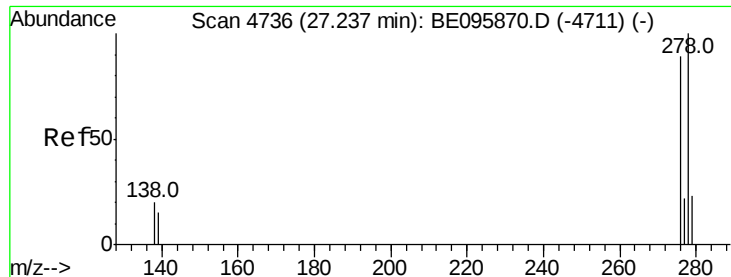


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.373 ng/ul

RT: 27.23 min Scan# 4736

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

Instrument :

BNA_E

ClientSampleId :

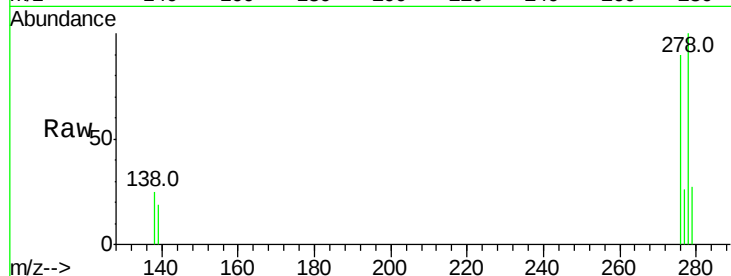
Tot Ion:278 Resp: 7422

Ion Ratio Lower Upper

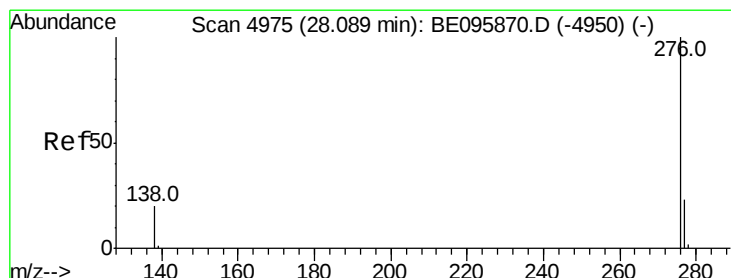
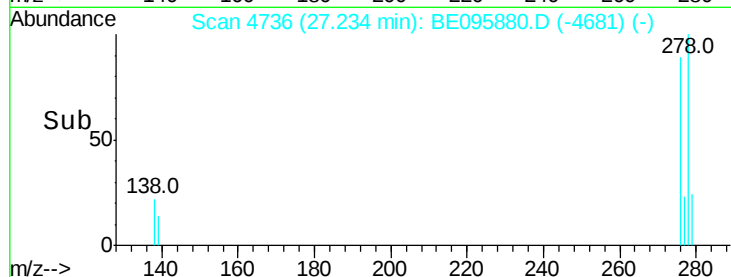
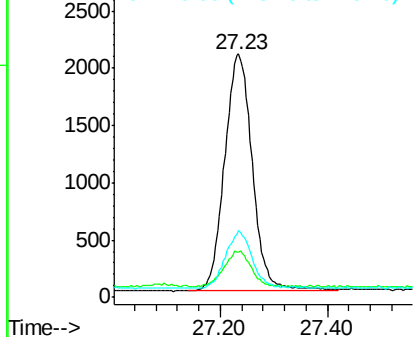
278 100

139 18.6 17.4 26.0

279 27.4 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: 0.357 ng/ul

RT: 28.09 min Scan# 4975

Delta R.T. -0.00 min

Lab File: BE095880.D

Acq: 28 Mar 2018 17:09

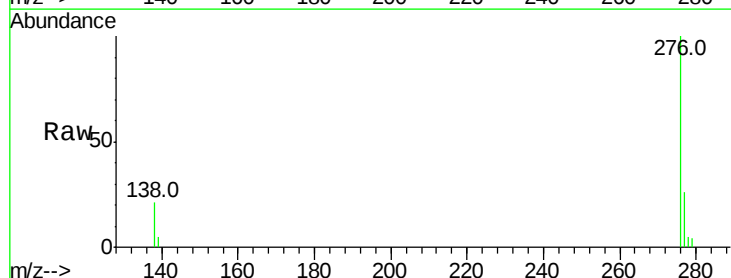
Tgt Ion:276 Resp: 7615

Ion Ratio Lower Upper

276 100

138 21.5 21.8 32.8#

277 26.3 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

