

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096178.D
 Acq On : 26 Apr 2018 13:22
 Operator : SJ/JU
 Sample : J2431-08DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 02:32:12 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 02:29:47 2018
 Response via : Initial Calibration

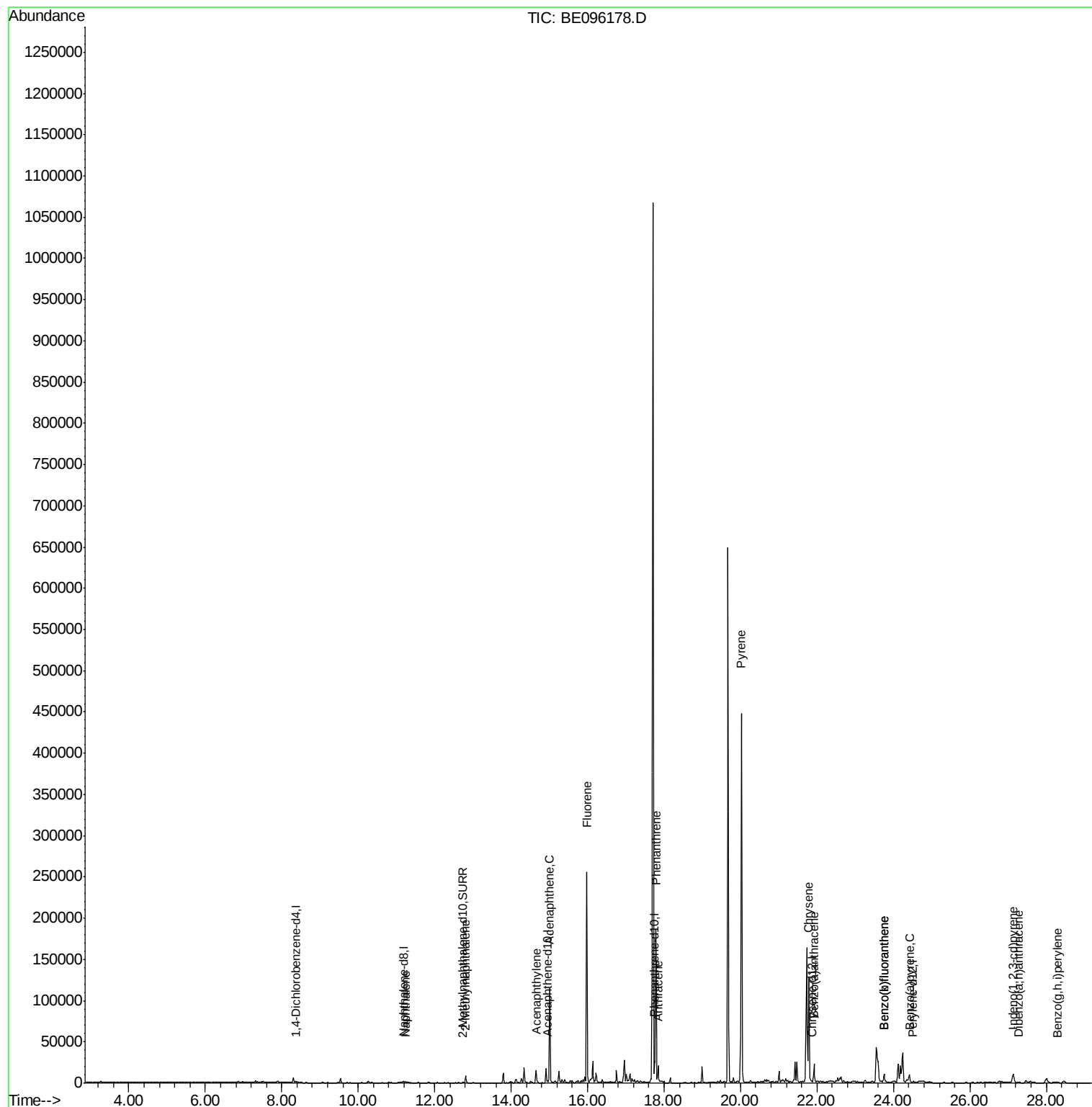
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	693	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2736	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1618	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	26567	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	53	0.40	ng/ul	0.13
20) Perylene-d12	24.49	264	26	0.40	ng/ul	0.13
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	169	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	18	0.00	ng/ul	0.12
Target Compounds					Ovalue	
3) Naphthalene	11.23	128	1941	0.255	ng/ul#	78
5) 2-Methylnaphthalene	12.81	142	7465	1.463	ng/ul	100
7) Acenaphthylene	14.67	152	3083	0.370	ng/ul#	83
8) Acenaphthene	15.01	153	65147	10.833	ng/ul	93
9) Fluorene	15.98	166	179362	22.541	ng/ul#	92
12) Phenanthrene	17.79	178	188909	2.415	ng/ul#	89
13) Anthracene	17.85	178	5678	0.072	ng/ul#	1
17) Pyrene	20.02	202	377209	3547.654	ng/ul#	77
18) Benzo(a)anthracene	21.92	228	16740	104.327	ng/ul#	50
19) Chrysene	21.79	228	125979	854.411	ng/ul	97
21) Benzo(b)fluoranthene	23.76	252	14257	144.816	ng/ul	89
22) Benzo(k)fluoranthene	23.76	252	14291	151.846	ng/ul#	90
23) Benzo(a)pyrene	24.42	252	13939	162.975	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.13	276	18537	160.852	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.27	278	2086	21.618	ng/ul	93
26) Benzo(a,h,i)perylene	28.28	276	588	5.862	ng/ul#	38

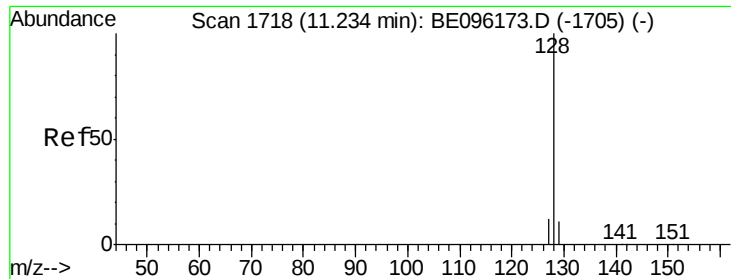
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096178.D
Acq On : 26 Apr 2018 13:22
Operator : SJ/JU
Sample : J2431-08DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 27 02:32:12 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 02:29:47 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.255 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

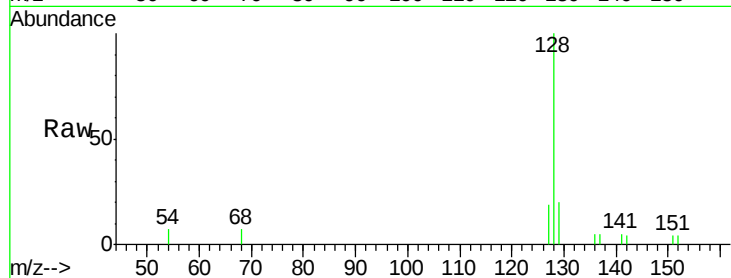
Tot Ion:128 Resp: 1941

Ion Ratio Lower Upper

128 100

129 20.3 11.3 16.9#

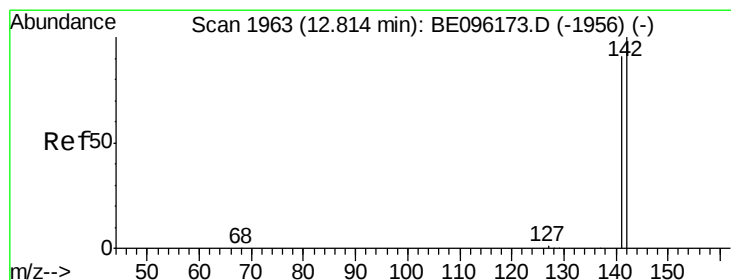
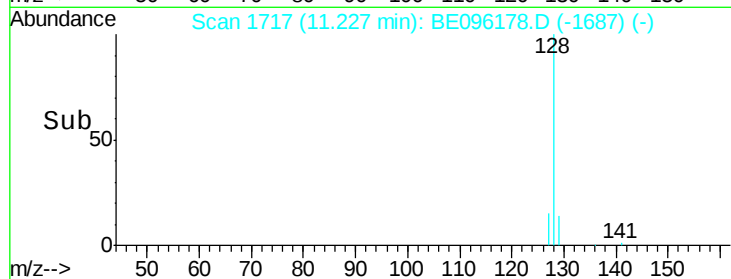
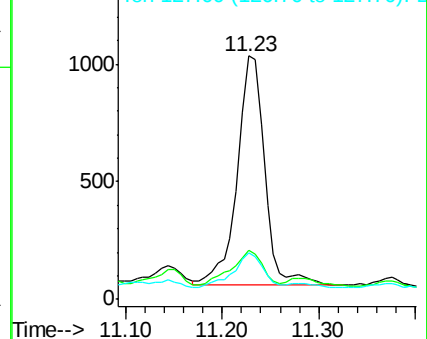
127 19.1 4.0 6.0#



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: 1.463 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096178.D

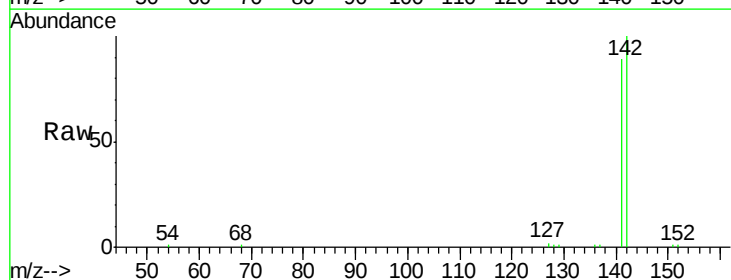
Acq: 26 Apr 2018 13:22

Tgt Ion:142 Resp: 7465

Ion Ratio Lower Upper

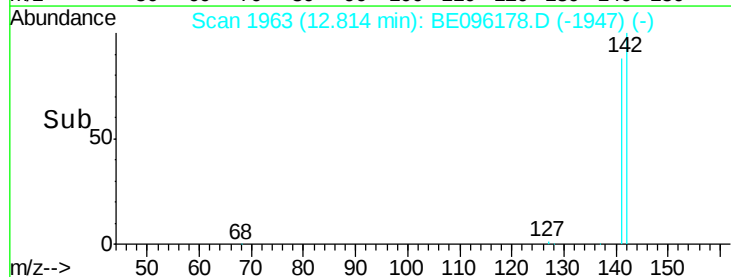
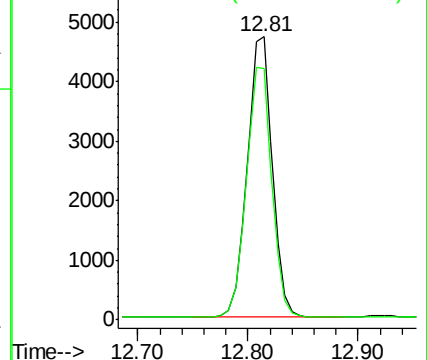
142 100

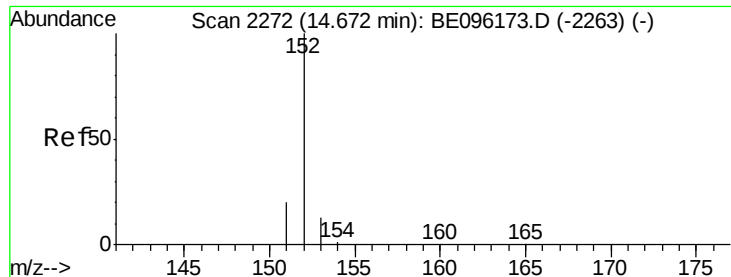
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.370 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

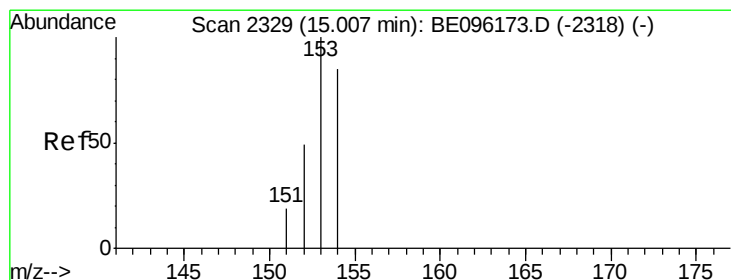
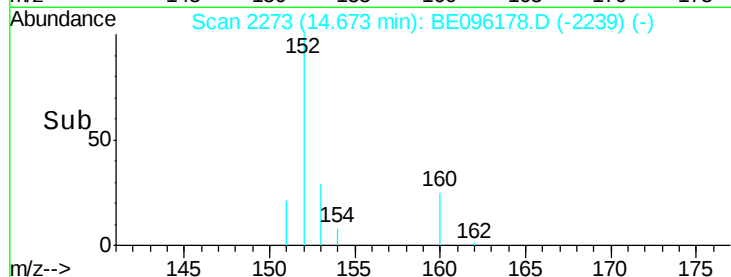
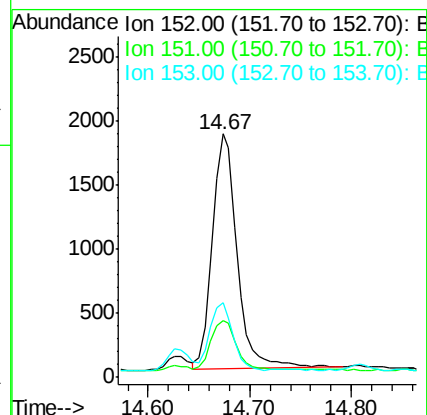
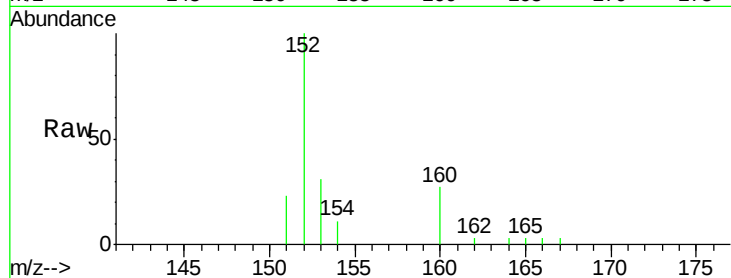
Tot Ion:152 Resp: 3083

Ion Ratio Lower Upper

152 100

151 23.5 17.1 25.7

153 30.6 12.8 19.2#



#8

Acenaphthene

Concen: 10.833 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

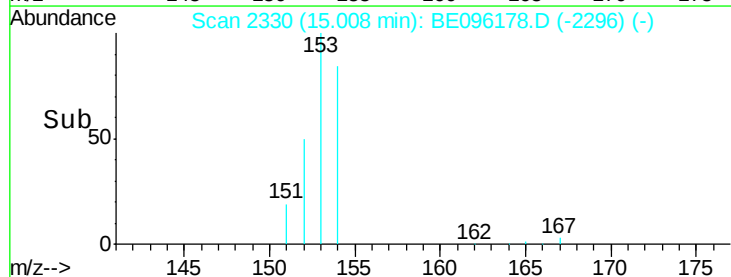
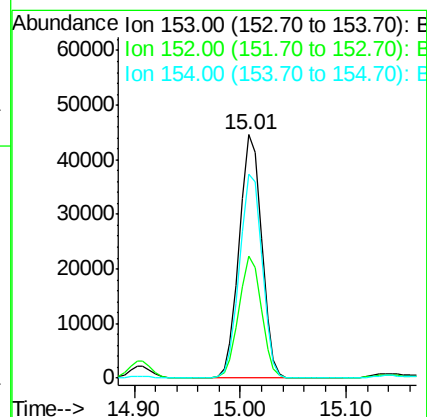
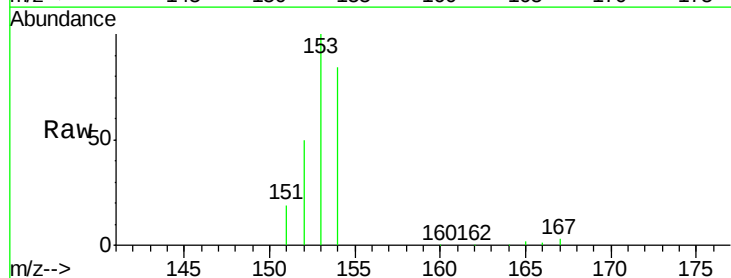
Tgt Ion:153 Resp: 65147

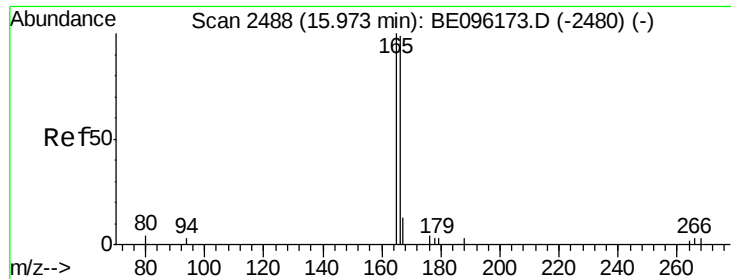
Ion Ratio Lower Upper

153 100

152 50.1 36.0 54.0

154 83.8 72.0 108.0





#9

Fluorene

Concen: 22.541 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

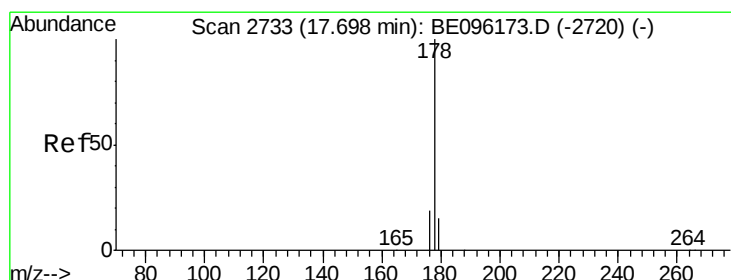
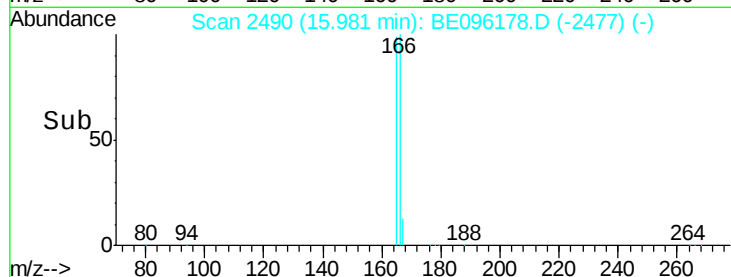
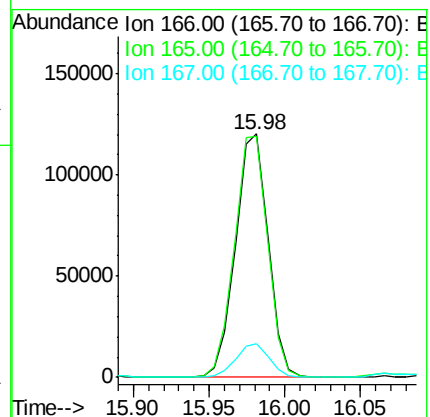
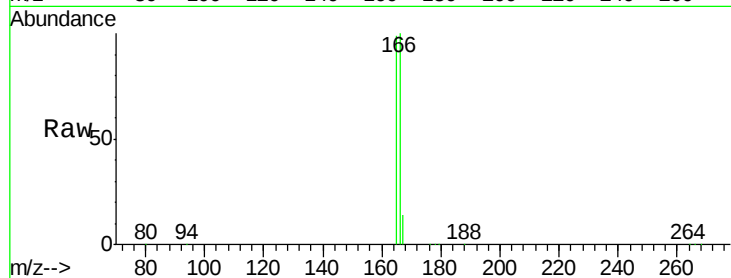
Tot Ion:166 Resp: 179362

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 13.7 14.6 22.0#



#12

Phenanthrene

Concen: 2.415 ng/ul

RT: 17.79 min Scan# 2747

Delta R.T. 0.09 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

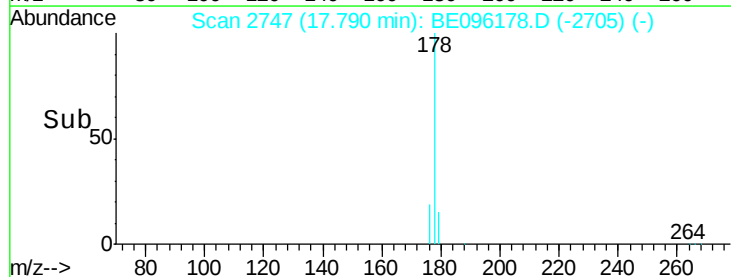
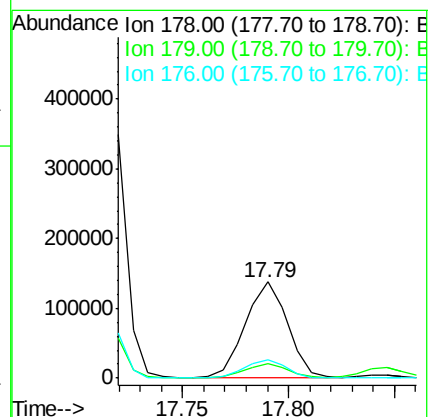
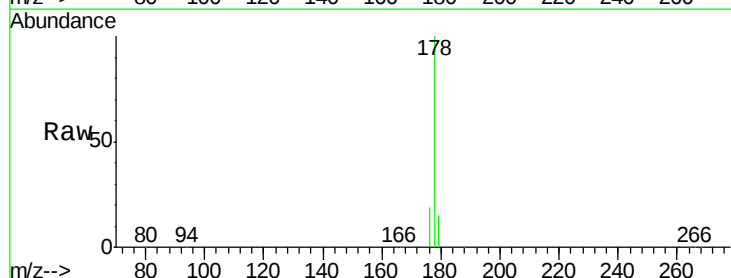
Tgt Ion:178 Resp: 188909

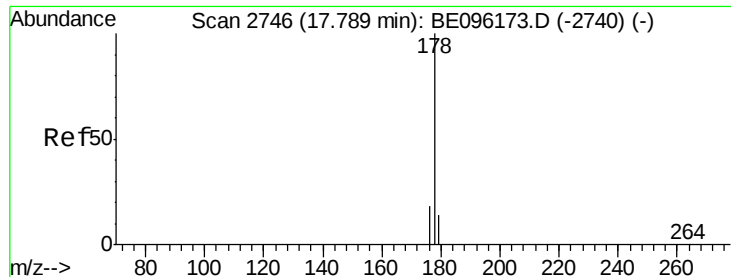
Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 19.4 13.6 20.4





#13

Anthracene

Concen: 0.072 ng/ul

RT: 17.85 min Scan# 2755

Delta R.T. 0.06 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

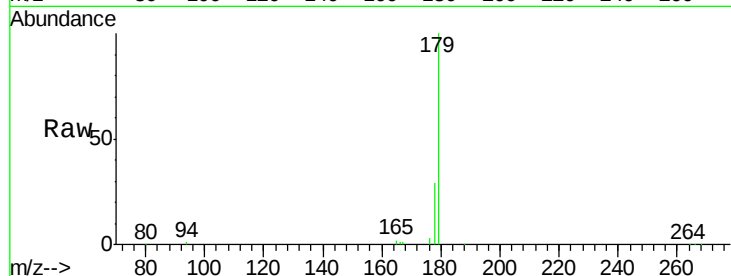
Tot Ion:178 Resp: 5678

Ion Ratio Lower Upper

178 100

179 347.4 18.1 27.1#

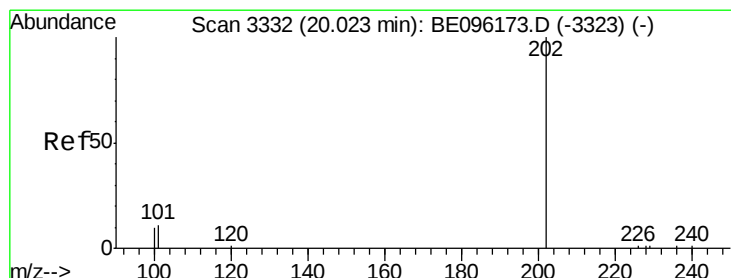
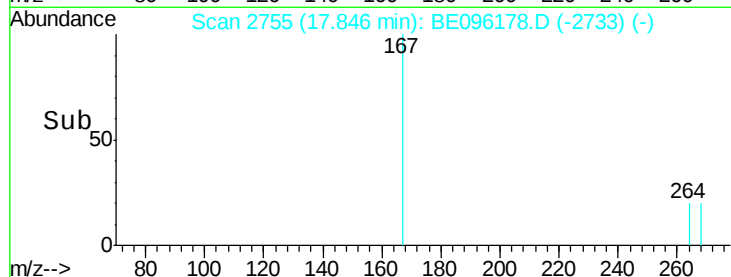
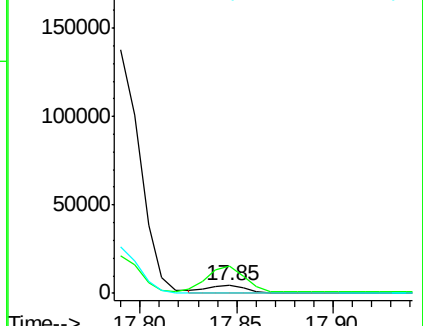
176 9.3 14.7 22.1#



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



#17

Pyrene

Concen: 3547.654 ng/ul

RT: 20.02 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

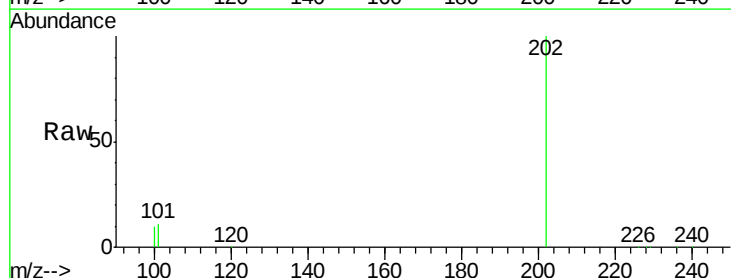
Tgt Ion:202 Resp: 377209

Ion Ratio Lower Upper

202 100

101 11.0 18.2 27.4#

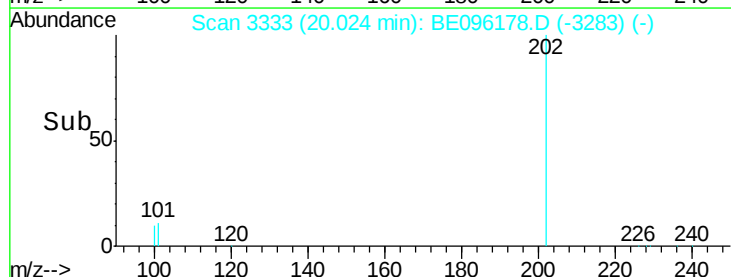
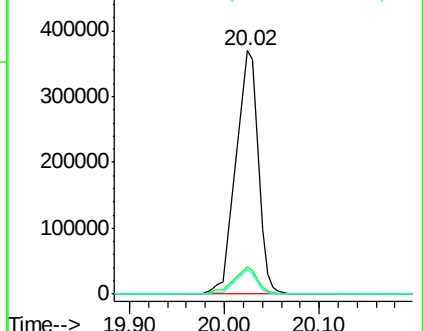
100 10.2 15.6 23.4#

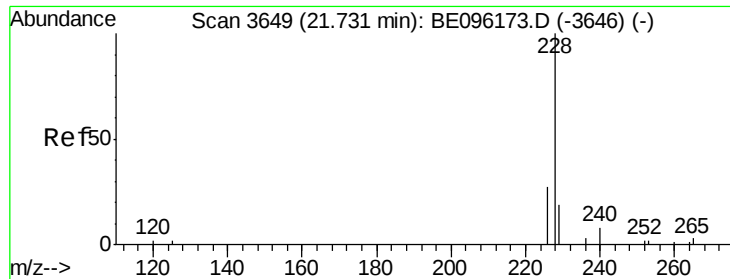


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 104.327 ng/ul

RT: 21.92 min Scan# 3677

Delta R.T. 0.19 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

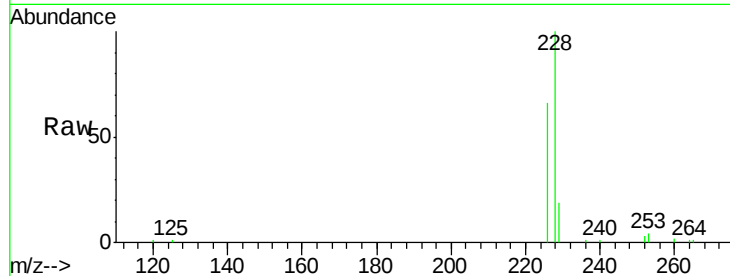
Tot Ion:228 Resp: 16740

Ion Ratio Lower Upper

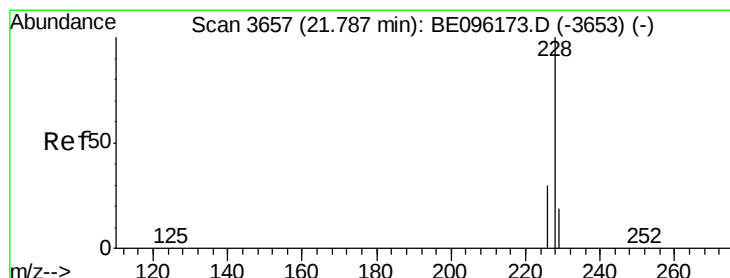
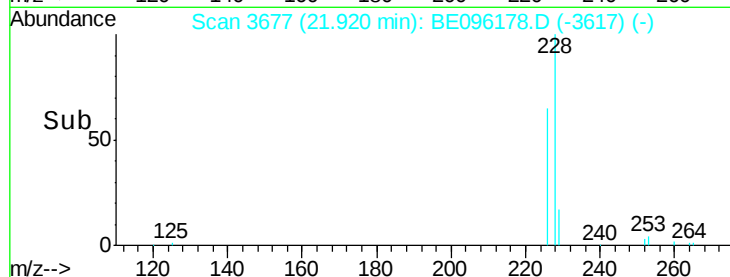
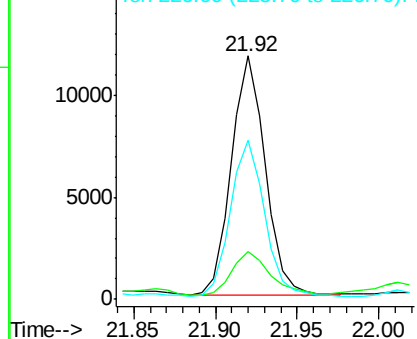
228 100

229 19.4 22.8 34.2#

226 65.5 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: 854.411 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. -0.00 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

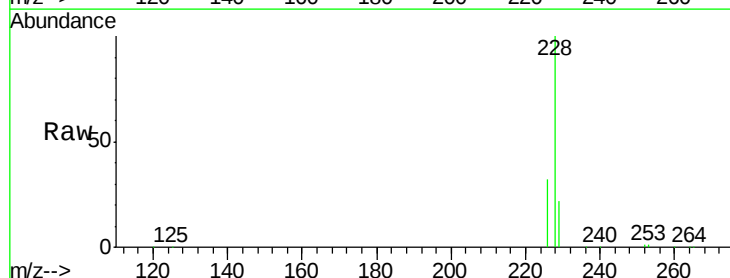
Tgt Ion:228 Resp: 125979

Ion Ratio Lower Upper

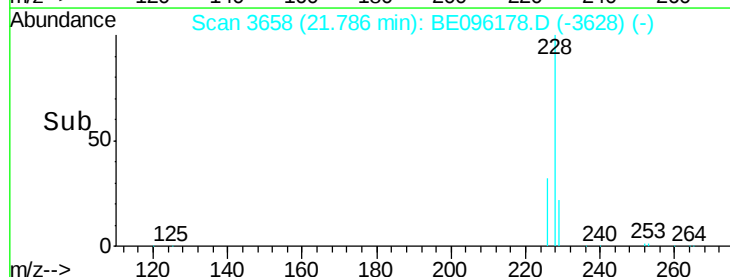
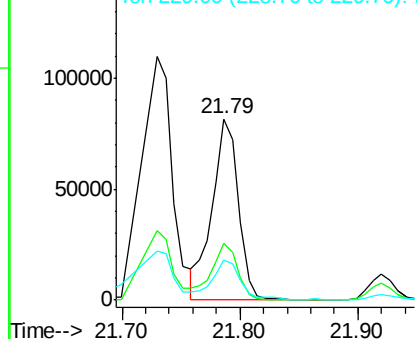
228 100

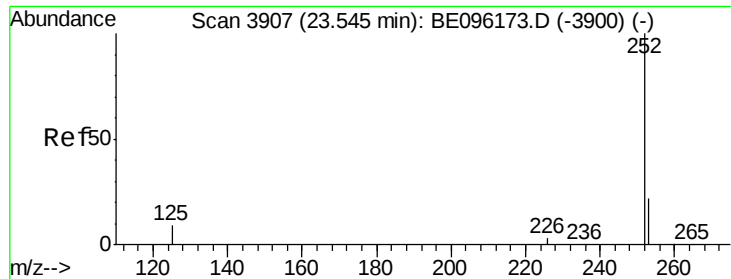
226 31.6 23.4 35.0

229 22.1 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: 144.816 ng/ul

RT: 23.76 min Scan# 3938

Delta R.T. 0.21 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

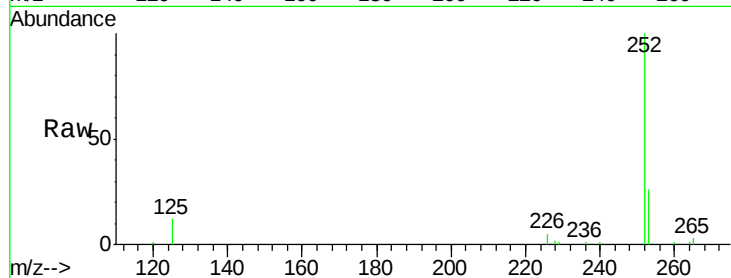
Tot Ion:252 Resp: 14257

Ion Ratio Lower Upper

252 100

253 26.0 0.0 64.2

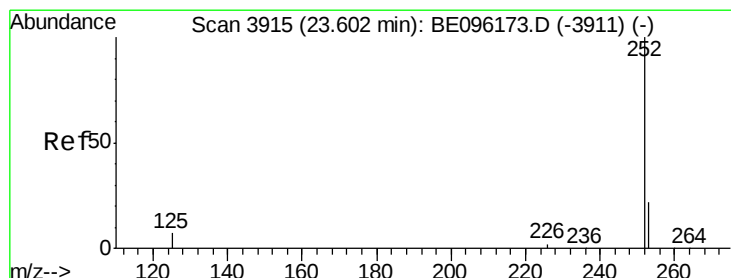
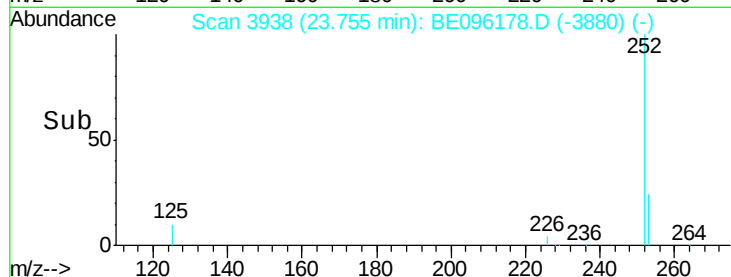
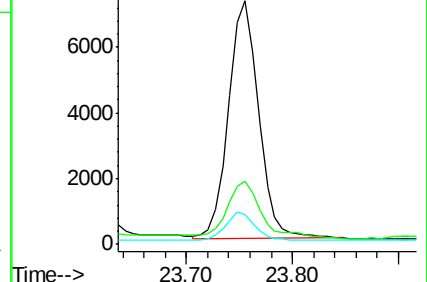
125 12.1 0.0 35.0



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: 151.846 ng/ul

RT: 23.76 min Scan# 3938

Delta R.T. 0.15 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

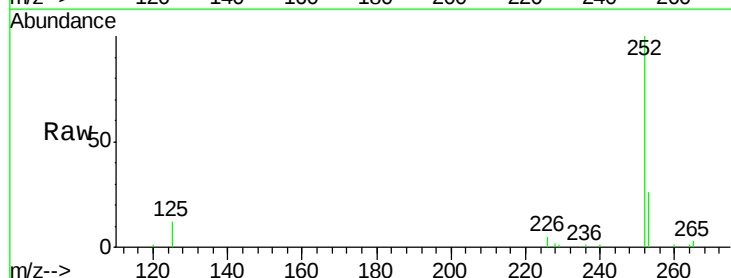
Tgt Ion:252 Resp: 14291

Ion Ratio Lower Upper

252 100

253 26.0 24.5 36.7

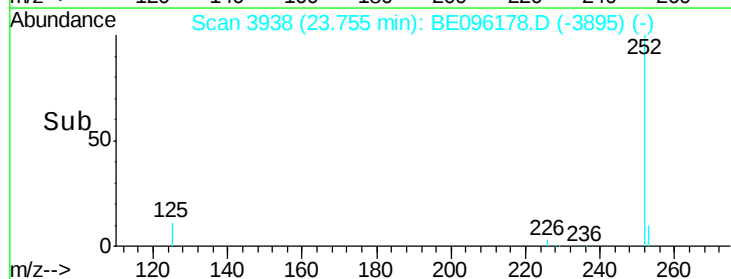
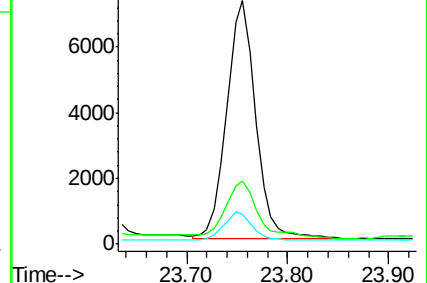
125 12.1 13.7 20.5#

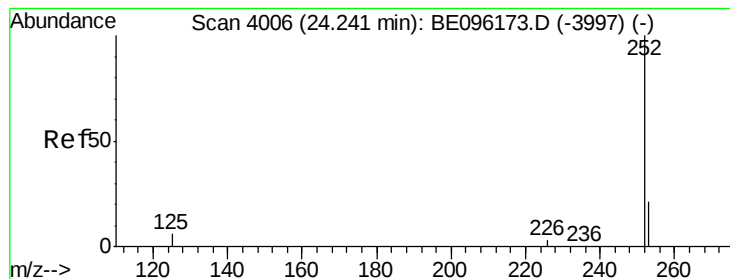


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 162.975 ng/ul

RT: 24.42 min Scan# 4032

Delta R.T. 0.17 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

Instrument :

BNA_E

ClientSampleId :

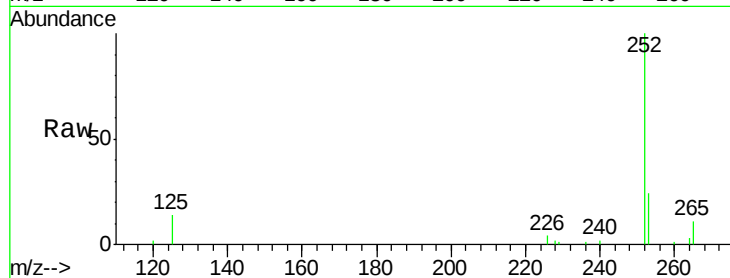
Tot Ion:252 Resp: 13939

Ion Ratio Lower Upper

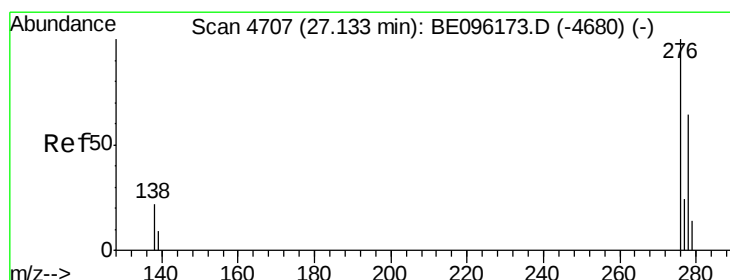
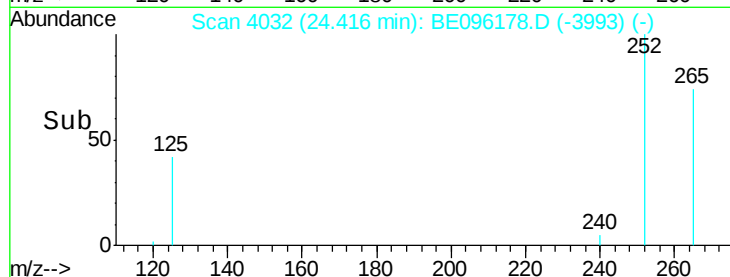
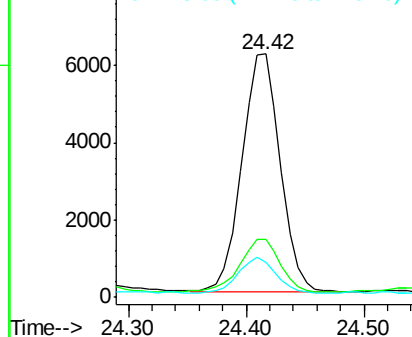
252 100

253 23.6 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: 160.852 ng/ul

RT: 27.13 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BE096178.D

Acq: 26 Apr 2018 13:22

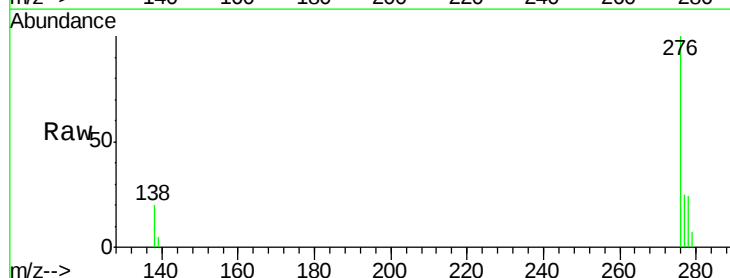
Tgt Ion:276 Resp: 18537

Ion Ratio Lower Upper

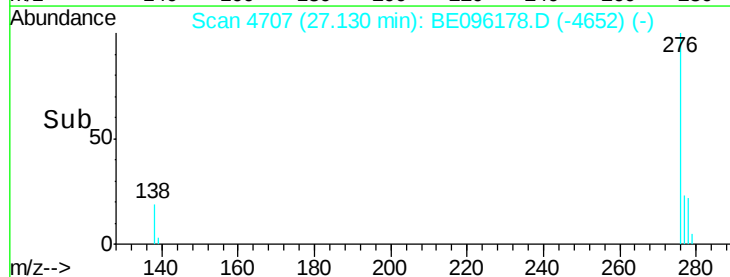
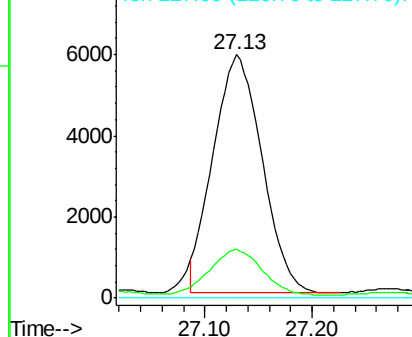
276 100

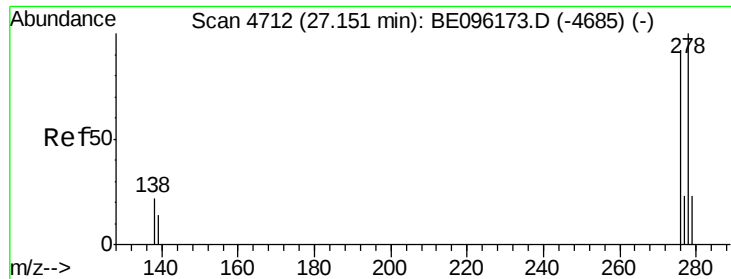
138 19.5 28.0 42.0#

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

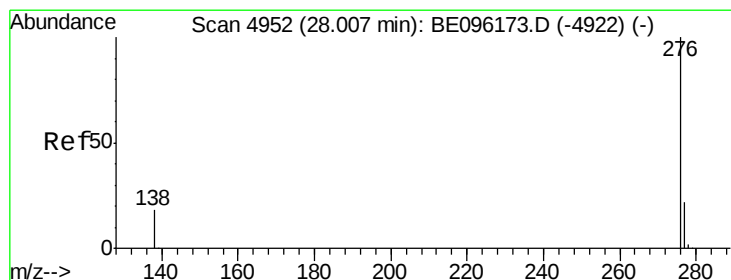
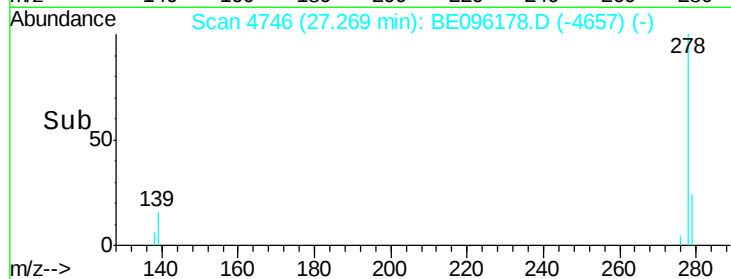
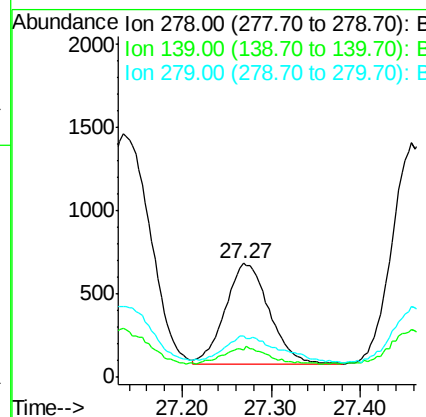
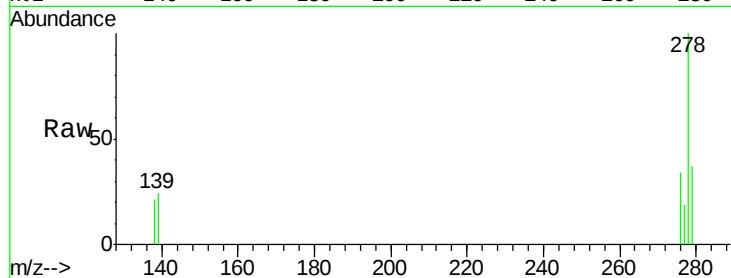




#25
Dibenzo(a,h)anthracene
Concen: 21.618 ng/u1
RT: 27.27 min Scan# 4746
Delta R.T. 0.12 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2086
Ion Ratio Lower Upper
278 100
139 24.3 17.4 26.0
279 36.6 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 5.862 ng/u1
RT: 28.28 min Scan# 5030
Delta R.T. 0.27 min
Lab File: BE096178.D
Acq: 26 Apr 2018 13:22

Tgt Ion:276 Resp: 588
Ion Ratio Lower Upper
276 100
138 51.3 21.8 32.8#
277 65.9 20.5 30.7#

