

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096179.D
 Acq On : 26 Apr 2018 13:58
 Operator : SJ/JU
 Sample : J2431-12DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 02:32:42 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

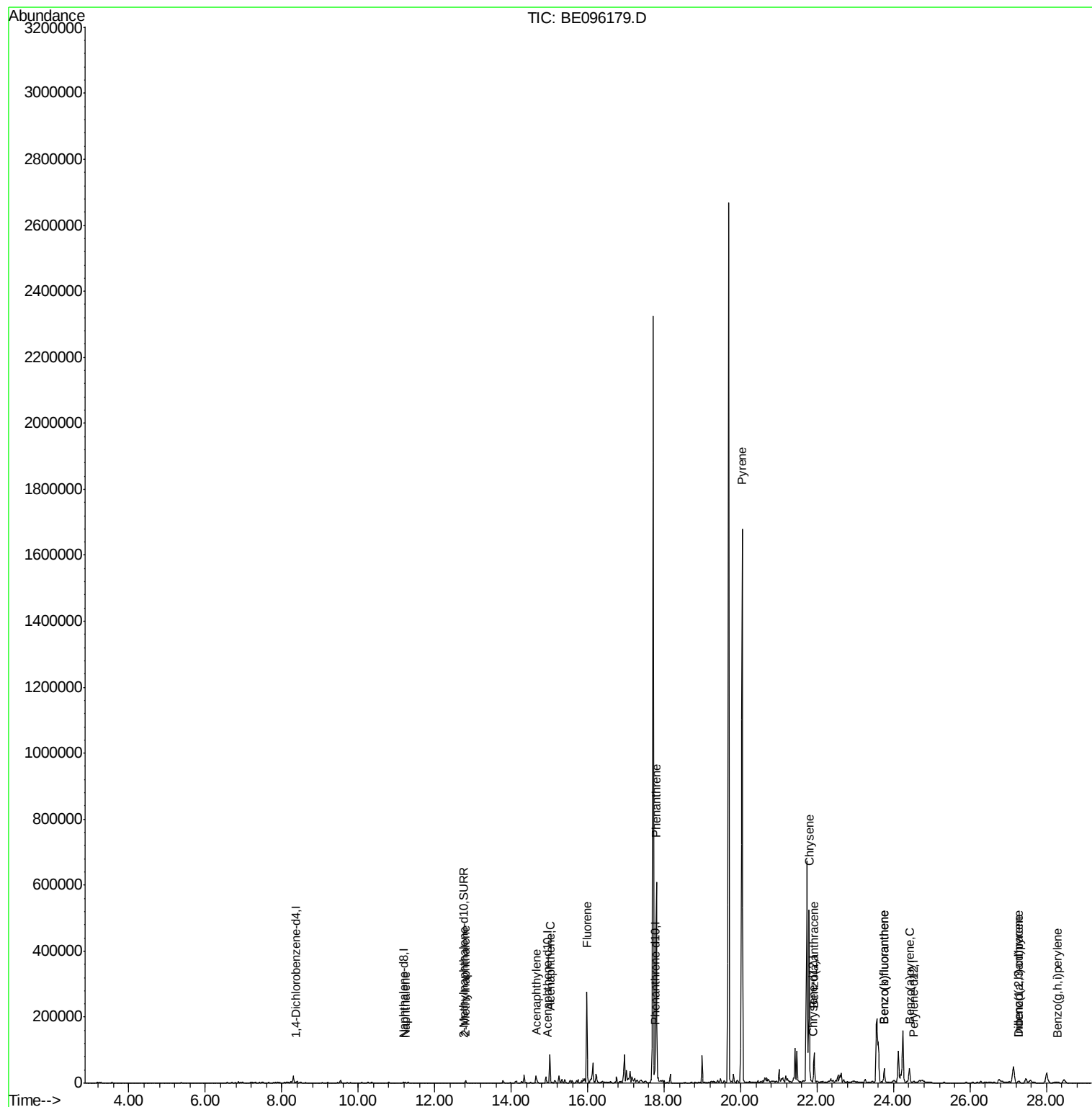
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	709	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2866	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1730	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	37172	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	286	0.40	ng/ul	0.14
20) Perylene-d12	24.53	264	999	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	249	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.76	212	61	0.00	ng/ul	0.12
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	3665	0.459	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	5830	1.090	ng/ul	99
7) Acenaphthylene	14.68	152	10478	1.175	ng/ul	98
8) Acenaphthene	15.01	153	47787	7.432	ng/ul	93
9) Fluorene	15.98	166	179605	21.110	ng/ul#	91
12) Phenanthrene	17.80	178	634586	5.798	ng/ul#	88
17) Pyrene	20.04	202	1924030	3353.365	ng/ul#	75
18) Benzo(a)anthracene	21.92	228	71341	82.393	ng/ul#	48
19) Chrysene	21.79	228	504198	633.694	ng/ul	96
21) Benzo(b)fluoranthene	23.76	252	63015	16.659	ng/ul	86
22) Benzo(k)fluoranthene	23.76	252	63137	17.460	ng/ul#	88
23) Benzo(a)pyrene	24.42	252	63352	19.278	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.27	276	2593	0.586	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.27	278	9817	2.648	ng/ul	94
26) Benzo(g,h,i)perylene	28.28	276	3011	0.781	ng/ul#	58

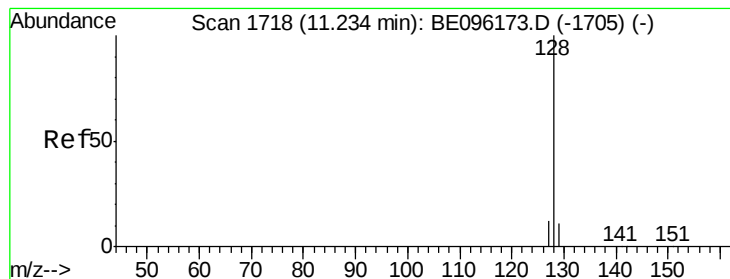
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.459 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :

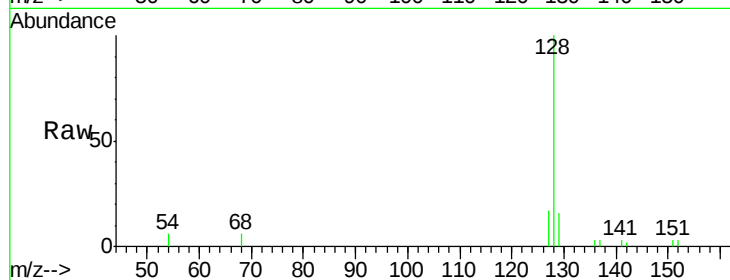
Tot Ion:128 Resp: 3665

Ion Ratio Lower Upper

128 100

129 15.5 11.3 16.9

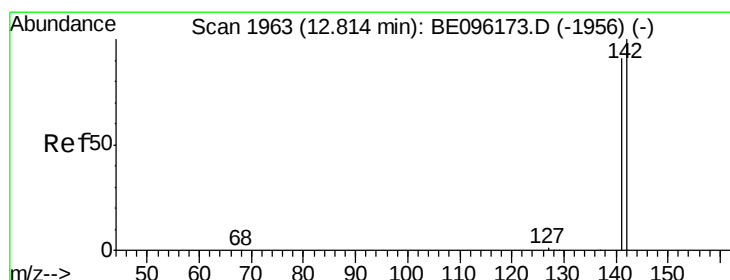
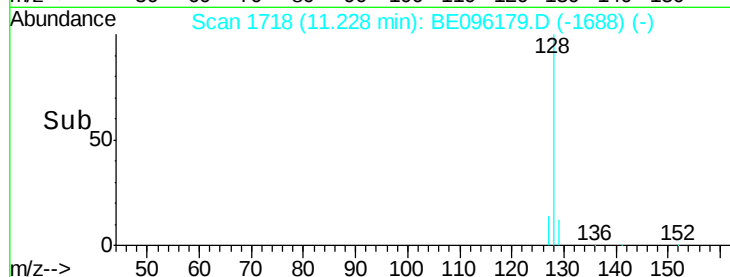
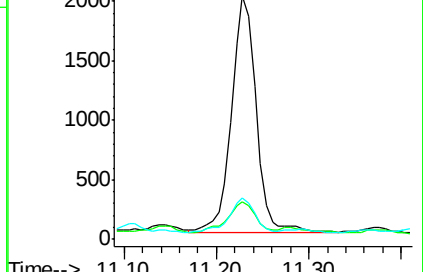
127 16.9 4.0 6.0#



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: 1.090 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BE096179.D

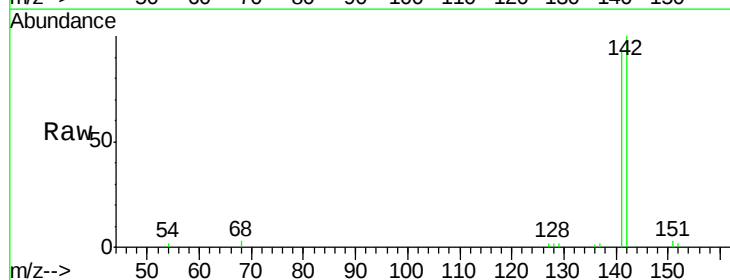
Acq: 26 Apr 2018 13:58

Tgt Ion:142 Resp: 5830

Ion Ratio Lower Upper

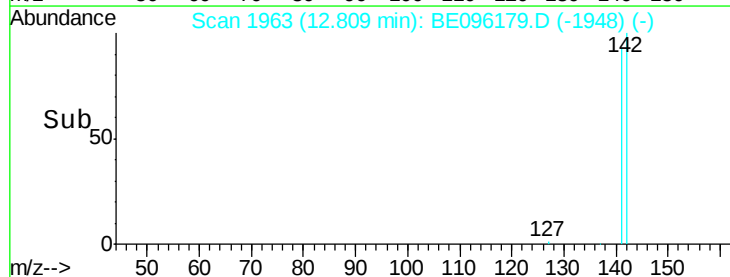
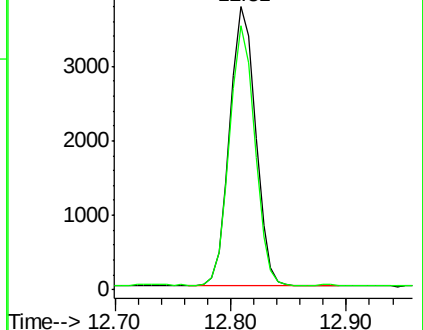
142 100

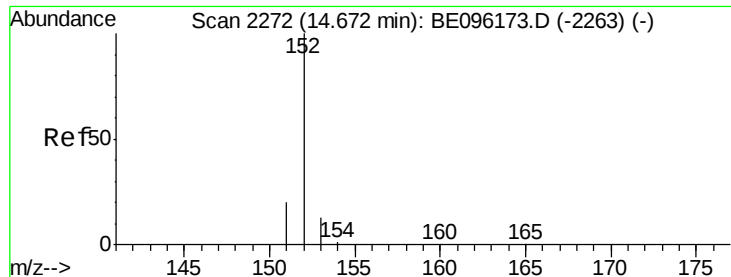
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.175 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :

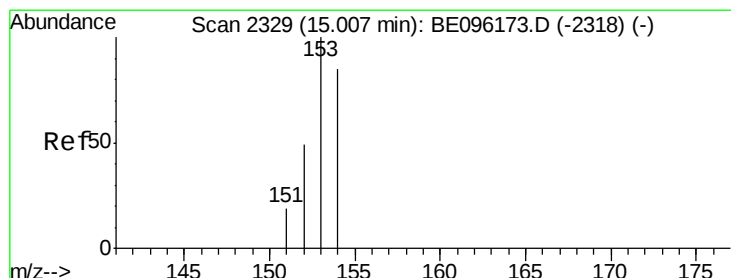
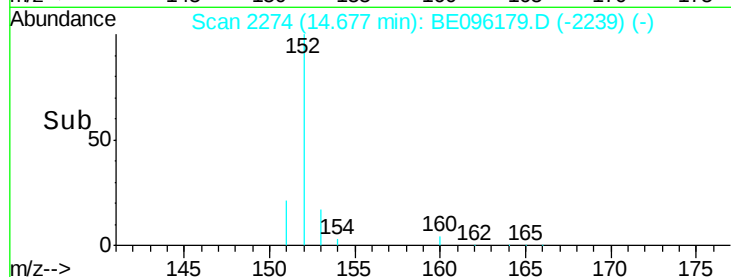
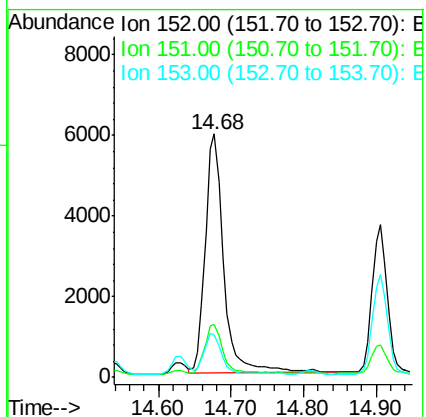
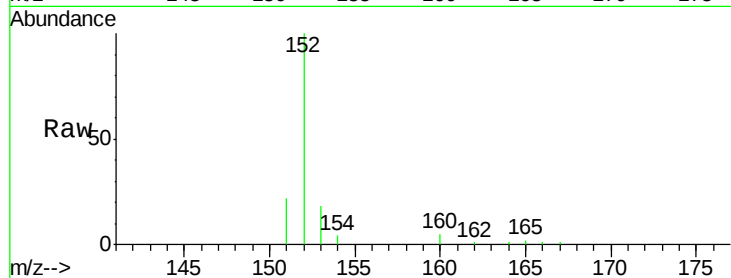
Tot Ion:152 Resp: 10478

Ion Ratio Lower Upper

152 100

151 21.7 17.1 25.7

153 17.7 12.8 19.2



#8

Acenaphthene

Concen: 7.432 ng/ul

RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

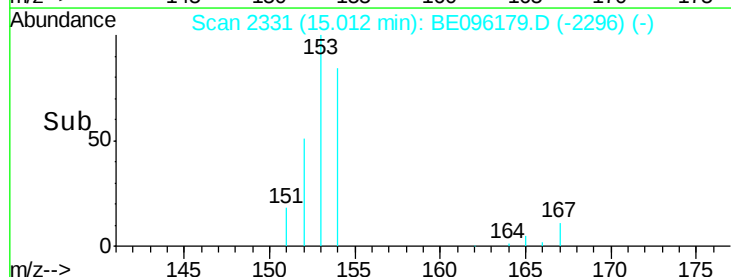
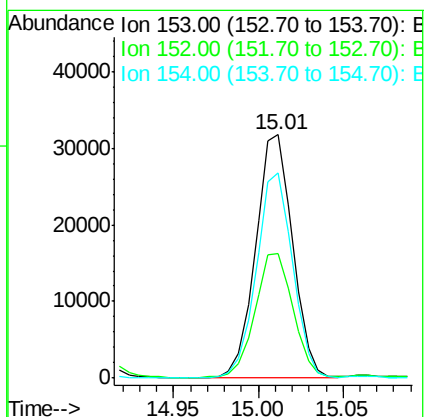
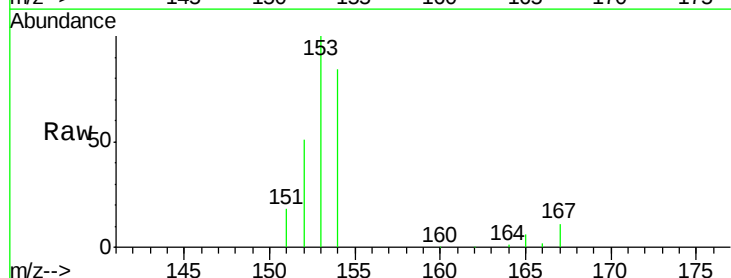
Tgt Ion:153 Resp: 47787

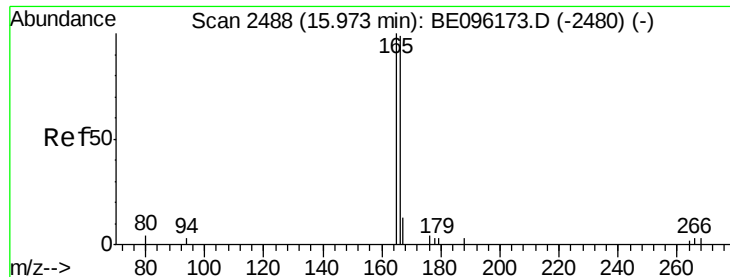
Ion Ratio Lower Upper

153 100

152 51.2 36.0 54.0

154 84.1 72.0 108.0





#9

Fluorene

Concen: 21.110 ng/ul

RT: 15.98 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :

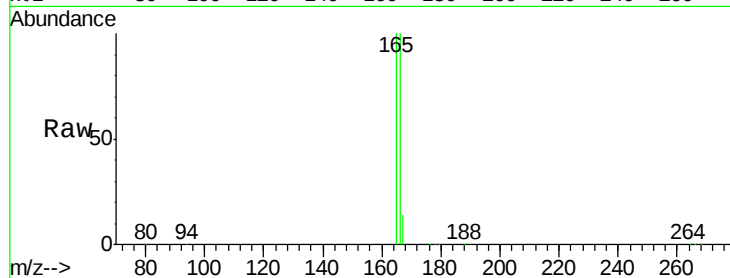
Tot Ion:166 Resp: 179605

Ion Ratio Lower Upper

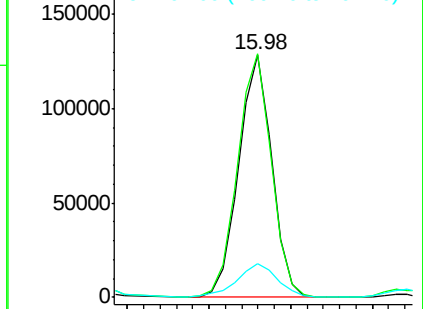
166 100

165 100.2 73.4 110.2

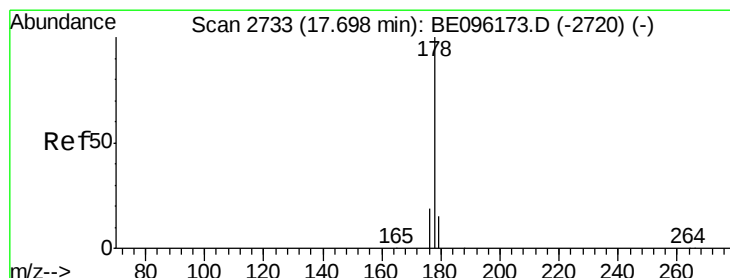
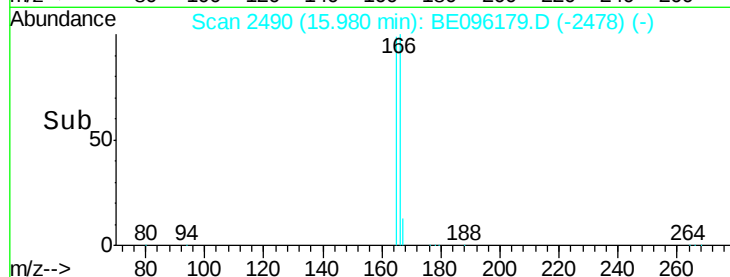
167 14.1 14.6 22.0#



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



Time--> 15.90 15.95 16.00 16.05



#12

Phenanthrene

Concen: 5.798 ng/ul

RT: 17.80 min Scan# 2748

Delta R.T. 0.10 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

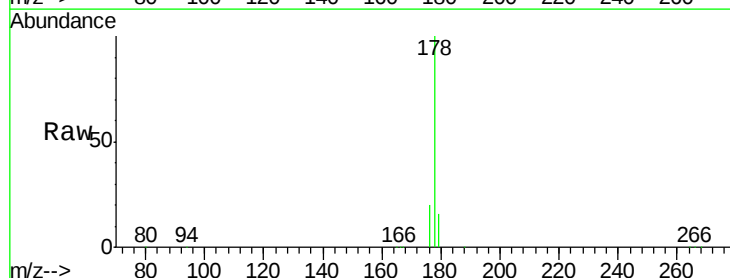
Tgt Ion:178 Resp: 634586

Ion Ratio Lower Upper

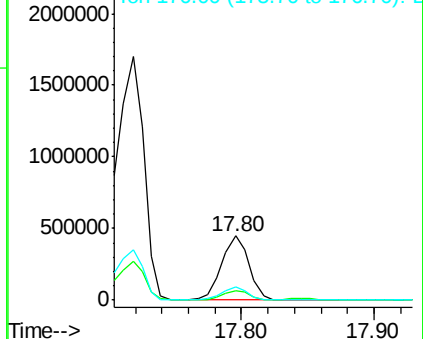
178 100

179 15.5 18.4 27.6#

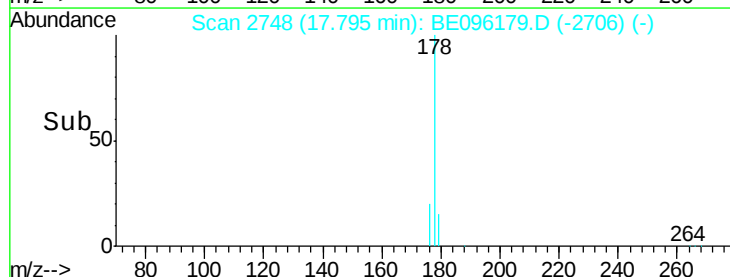
176 19.8 13.6 20.4

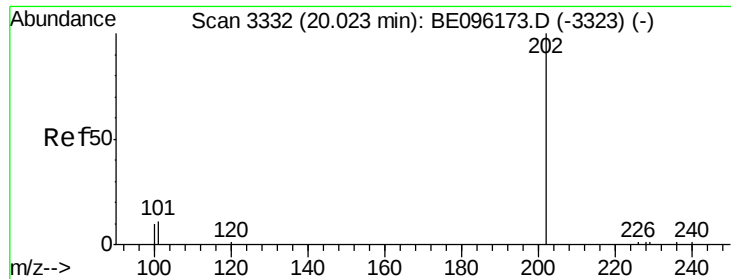


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time--> 17.80 17.90





#17

Pvrene

Concen: 3353.365 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. 0.02 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :

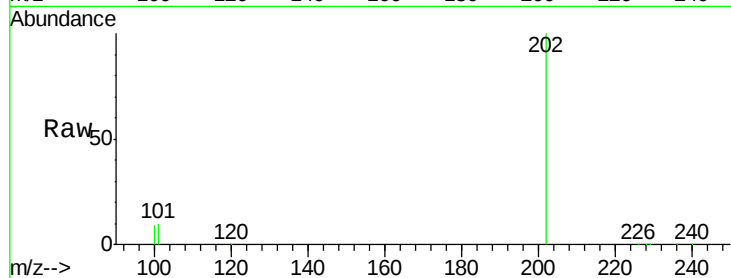
Tot Ion:202 Resp: 1924030

Ion Ratio Lower Upper

202 100

101 10.1 18.2 27.4#

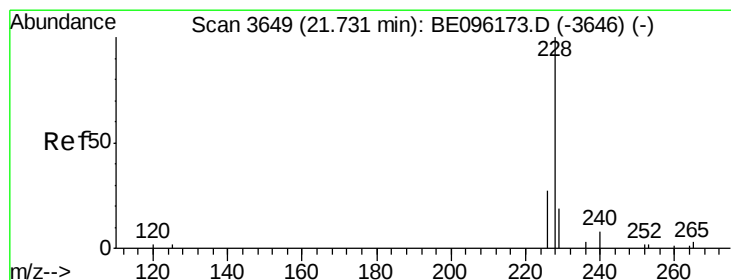
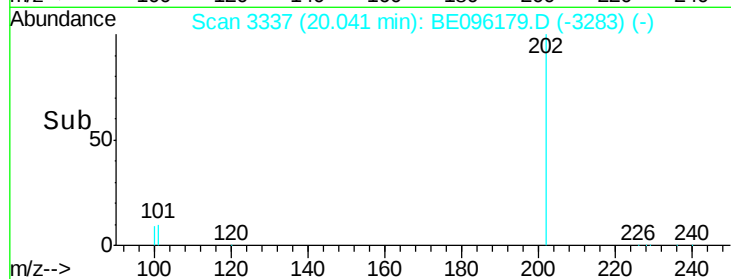
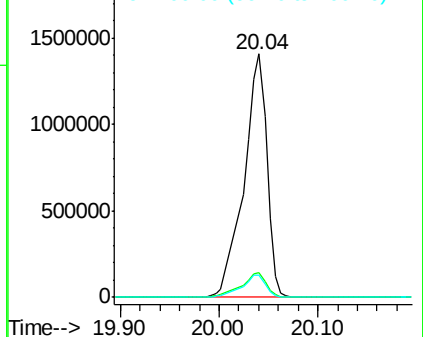
100 9.0 15.6 23.4#



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: 82.393 ng/ul

RT: 21.92 min Scan# 3678

Delta R.T. 0.19 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

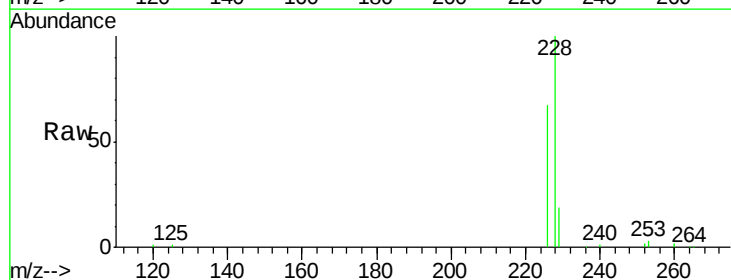
Tgt Ion:228 Resp: 71341

Ion Ratio Lower Upper

228 100

229 19.0 22.8 34.2#

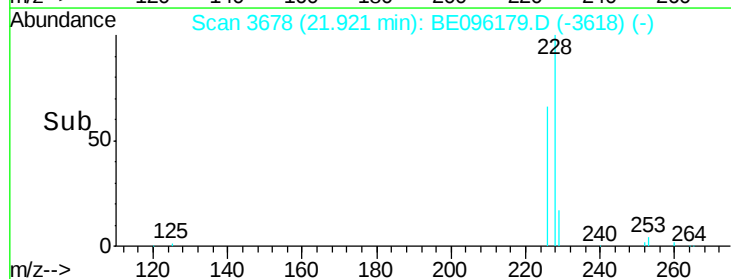
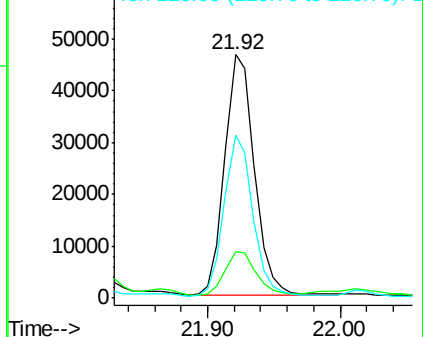
226 66.8 17.0 25.6#

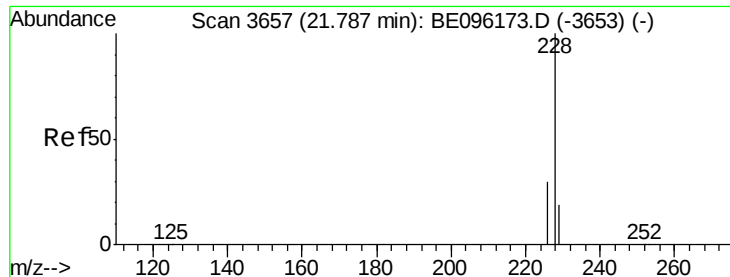


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 633.694 ng/ul

RT: 21.79 min Scan# 3660

Delta R.T. 0.01 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampled :

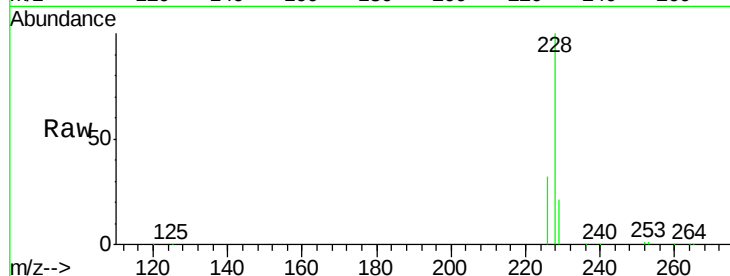
Tot Ion:228 Resp: 504198

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

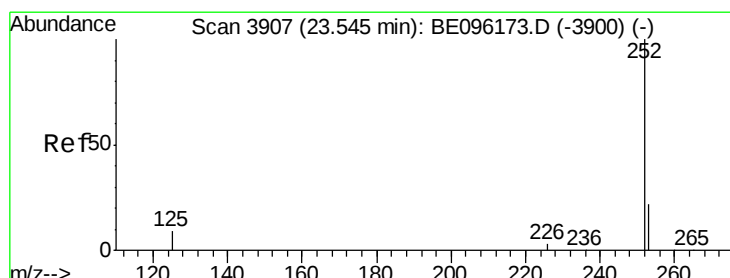
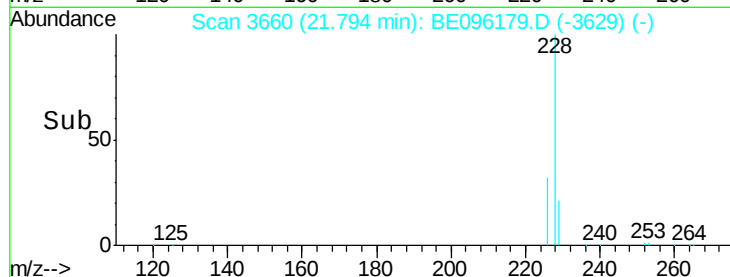
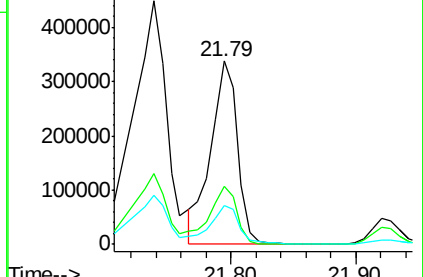
229 21.3 17.7 26.5



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: 16.659 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.21 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

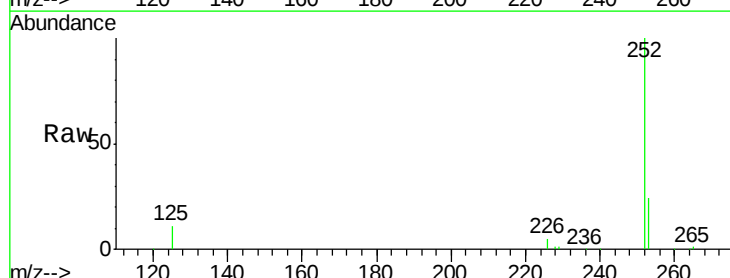
Tgt Ion:252 Resp: 63015

Ion Ratio Lower Upper

252 100

253 24.3 0.0 64.2

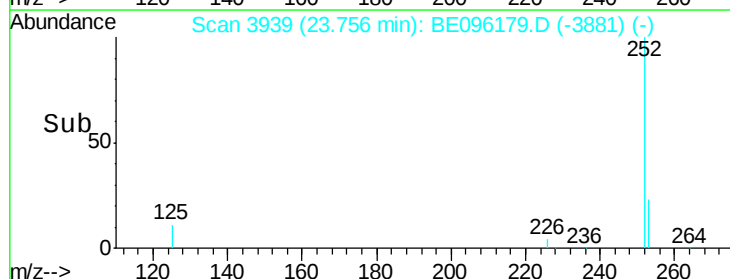
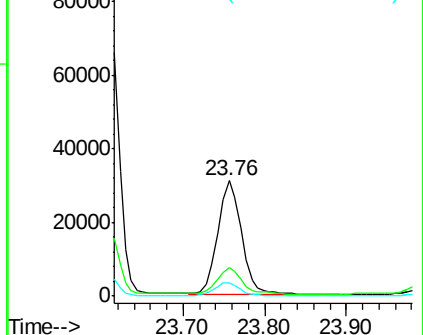
125 11.4 0.0 35.0

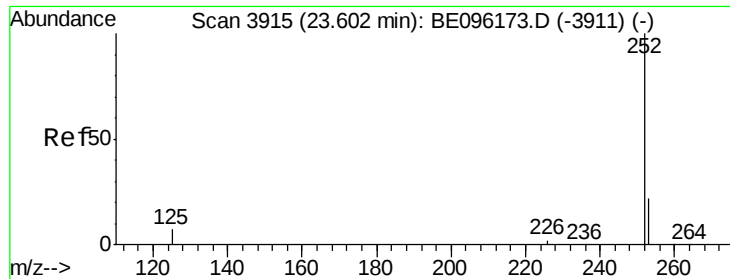


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 17.460 ng/ul

RT: 23.76 min Scan# 3939

Delta R.T. 0.15 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :

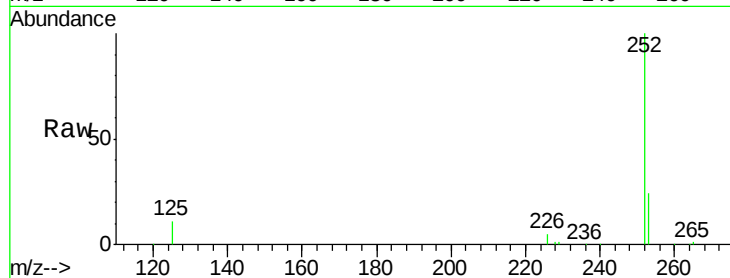
Tot Ion:252 Resp: 63137

Ion Ratio Lower Upper

252 100

253 24.3 24.5 36.7#

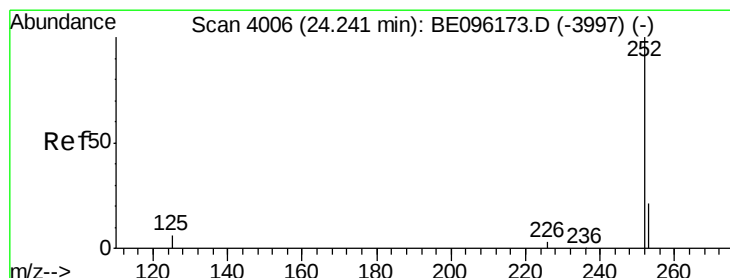
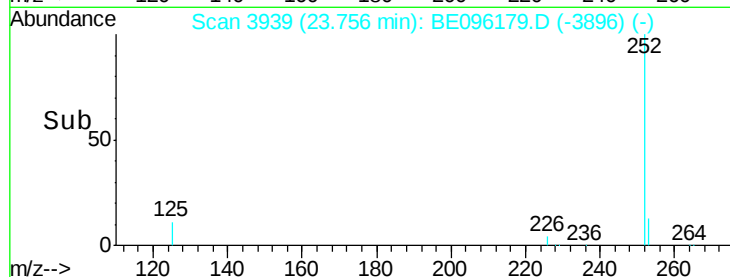
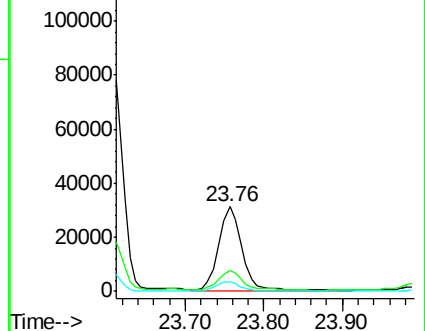
125 11.4 13.7 20.5#



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: 19.278 ng/ul

RT: 24.42 min Scan# 4033

Delta R.T. 0.18 min

Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

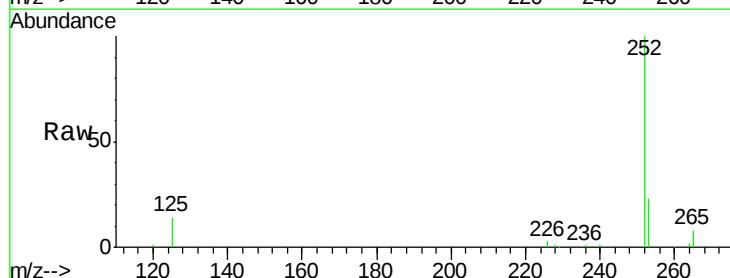
Tgt Ion:252 Resp: 63352

Ion Ratio Lower Upper

252 100

253 22.5 28.5 42.7#

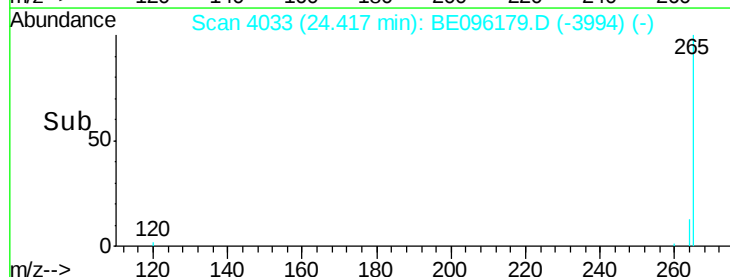
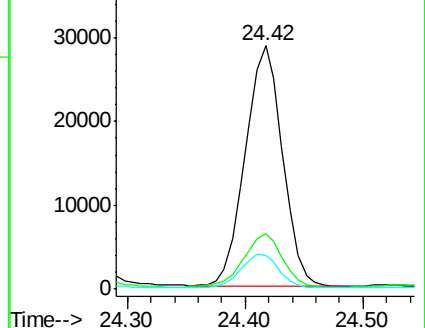
125 13.8 18.1 27.1#

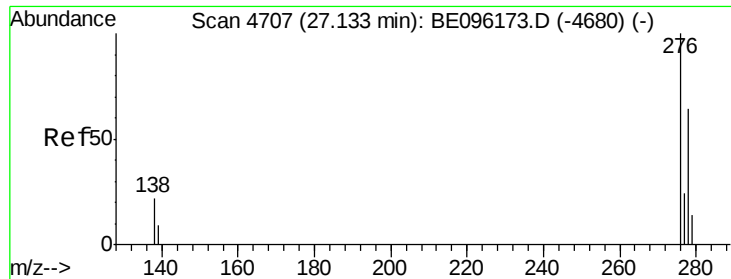


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

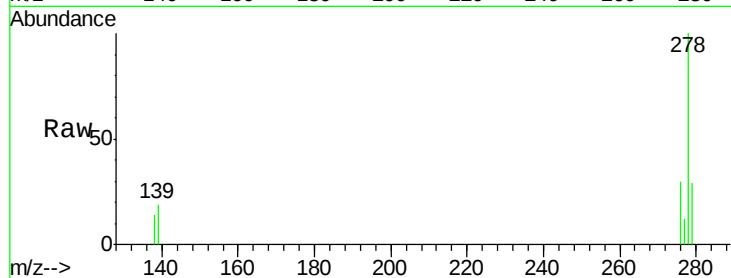




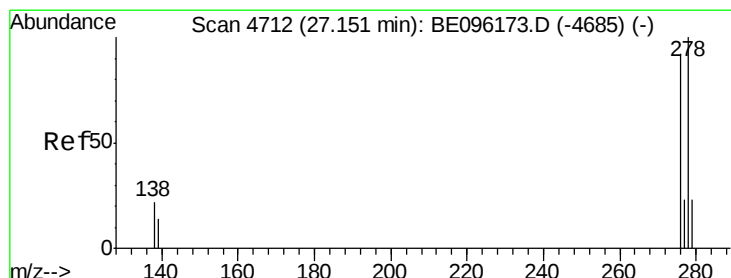
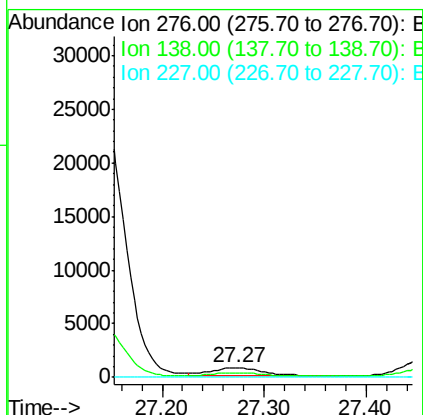
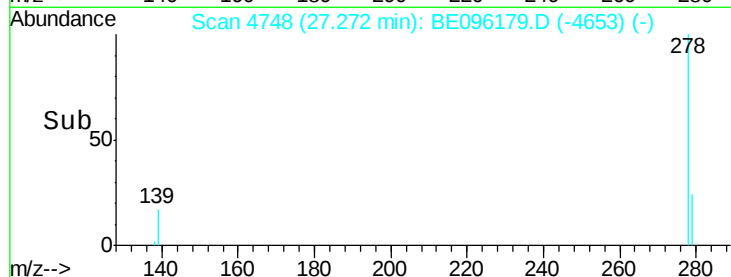
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.586 ng/ul
 RT: 27.27 min Scan# 4748
 Delta R.T. 0.14 min
 Lab File: BE096179.D
 Acq: 26 Apr 2018 13:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 2593
 Ion Ratio Lower Upper
 276 100
 138 44.8 28.0 42.0#
 227 0.0 8.0 12.0#

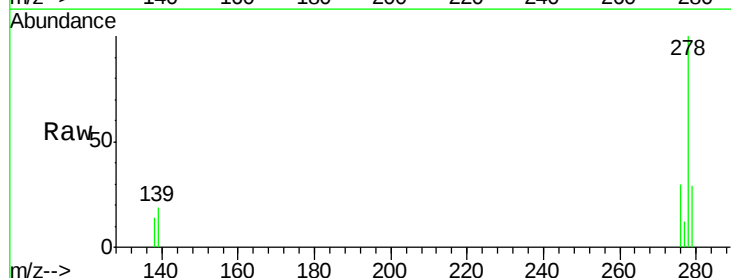


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

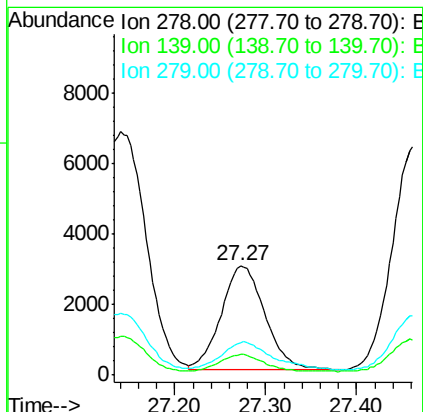
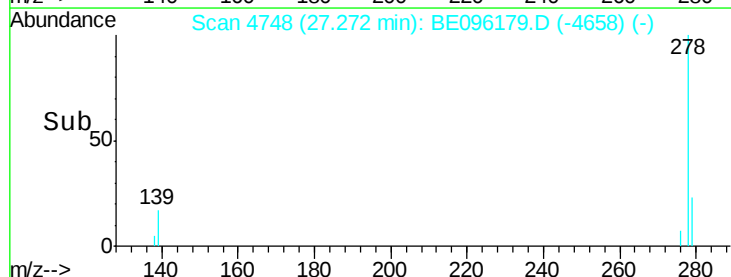


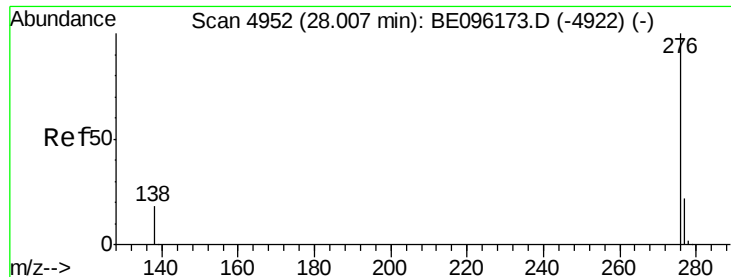
#25
 Dibenzo(a,h)anthracene
 Concen: 2.648 ng/ul
 RT: 27.27 min Scan# 4748
 Delta R.T. 0.12 min
 Lab File: BE096179.D
 Acq: 26 Apr 2018 13:58

Tgt Ion:278 Resp: 9817
 Ion Ratio Lower Upper
 278 100
 139 18.7 17.4 26.0
 279 29.4 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(a,h,i)perylene

Concen: 0.781 ng/ul

RT: 28.28 min Scan# 5031

Delta R.T. 0.27 min

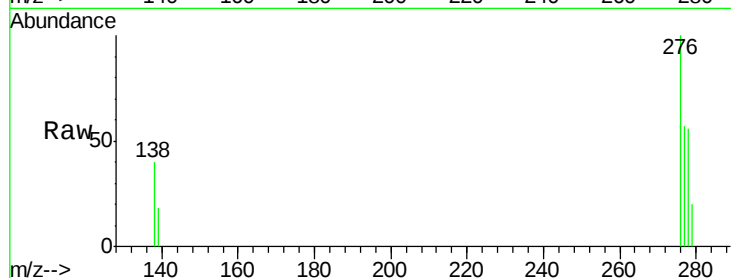
Lab File: BE096179.D

Acq: 26 Apr 2018 13:58

Instrument :

BNA_E

ClientSampleId :



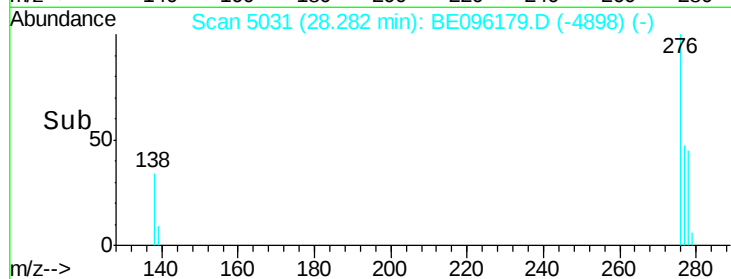
Tot Ion:276 Resp: 3011

Ion Ratio Lower Upper

276 100

138 39.6 21.8 32.8#

277 56.7 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

