

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096148.D
 Acq On : 25 Apr 2018 15:13
 Operator : SJ/JU
 Sample : J2431-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 04:19:40 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 04:18:04 2018
 Response via : Initial Calibration

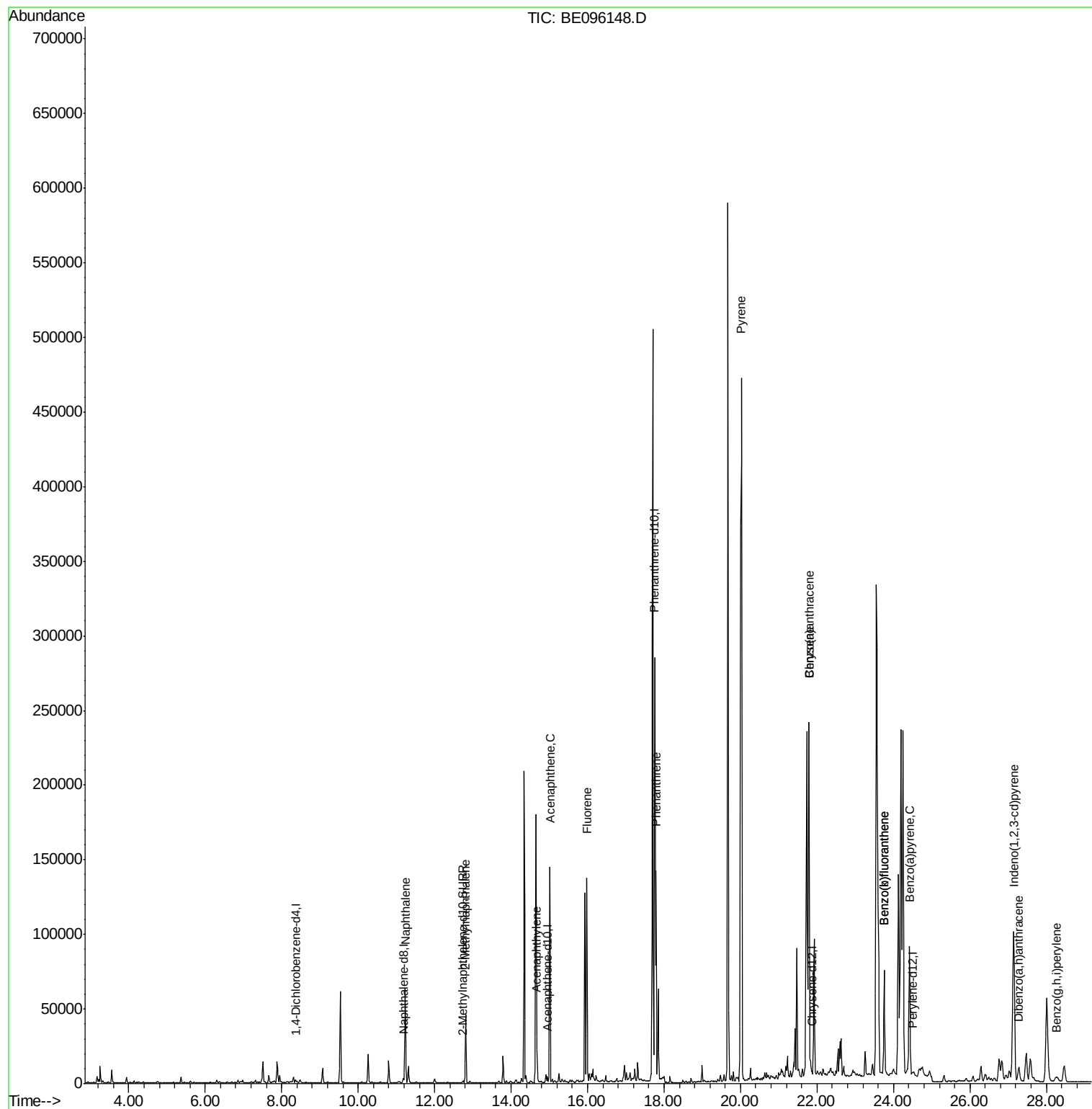
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	851	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3698	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2370	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	331238	0.40	ng/ul	0.10
16) Chrysene-d12	21.87	240	488	0.40	ng/ul	0.12
20) Perylene-d12	24.49	264	1656	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1803	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1904	0.00	ng/ul	0.05
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	86222	8.374	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	38636	5.600	ng/ul	100
7) Acenaphthylene	14.68	152	24164	1.978	ng/ul	98
8) Acenaphthene	15.01	153	84527	9.596	ng/ul	96
9) Fluorene	15.98	166	113877	9.770	ng/ul#	91
12) Phenanthrene	17.79	178	145250	0.149	ng/ul#	89
17) Pyrene	20.03	202	423379	432.459	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	257809	174.499	ng/ul#	85
19) Chrysene	21.79	228	257523	189.688	ng/ul	97
21) Benzo(b)fluoranthene	23.76	252	99487	15.866	ng/ul	88
22) Benzo(k)fluoranthene	23.76	252	99569	16.610	ng/ul#	90
23) Benzo(a)pyrene	24.42	252	129261	23.728	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.14	276	191397	26.076	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.28	278	17644	2.871	ng/ul	94
26) Benzo(g,h,i)perylene	28.28	276	4409	0.690	ng/ul#	47

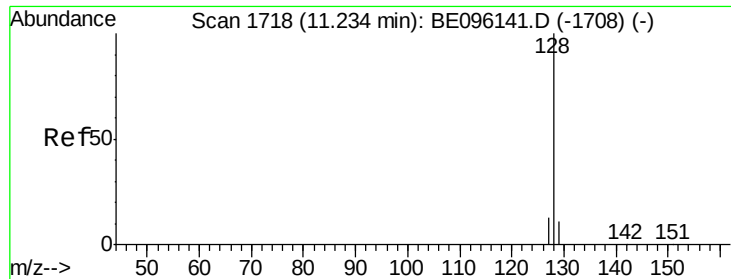
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 8.374 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

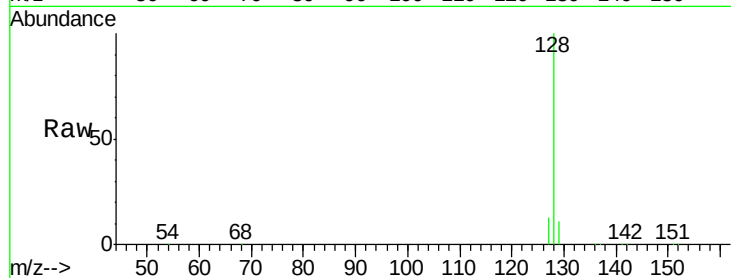
Tot Ion:128 Resp: 86222

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

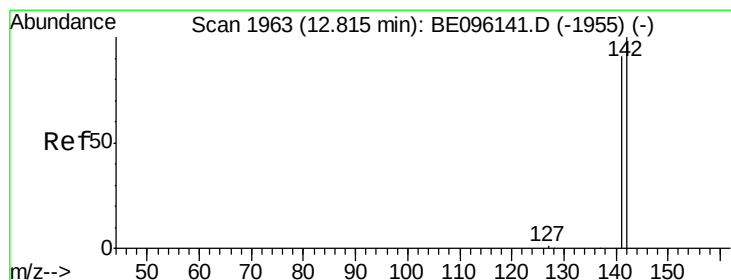
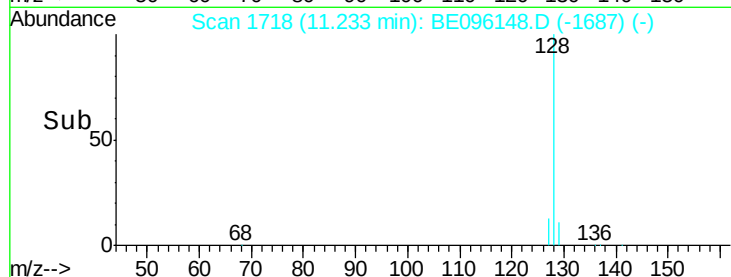
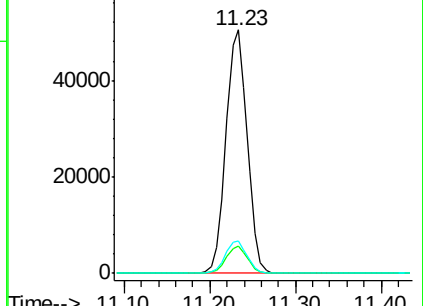
127 13.3 4.0 6.0#



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: 5.600 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BE096148.D

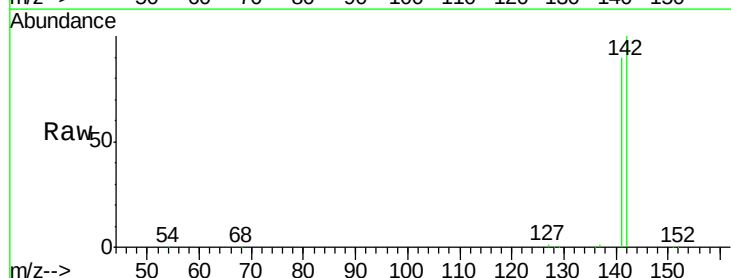
Acq: 25 Apr 2018 15:13

Tgt Ion:142 Resp: 38636

Ion Ratio Lower Upper

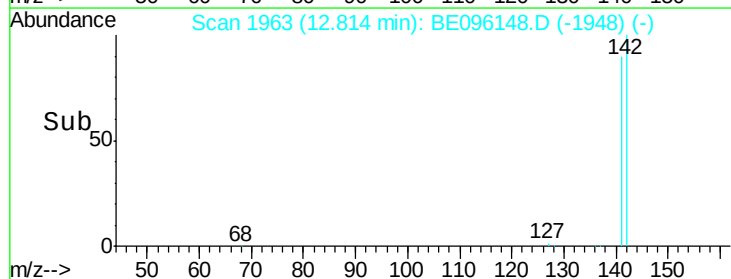
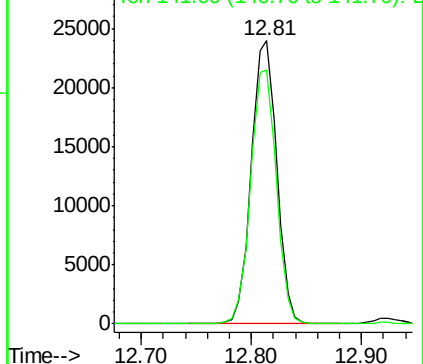
142 100

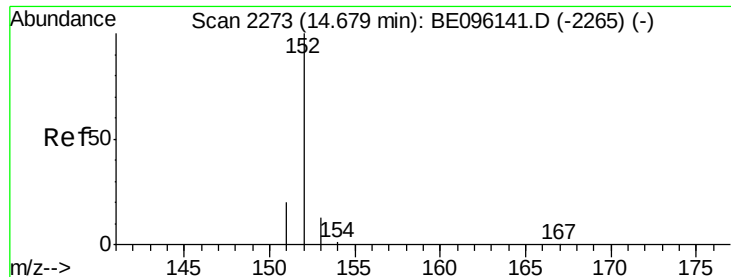
141 90.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.978 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

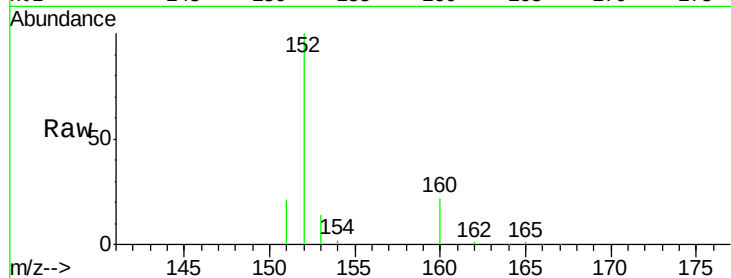
Tot Ion:152 Resp: 24164

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

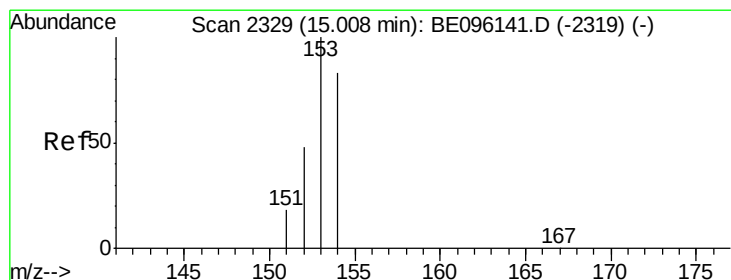
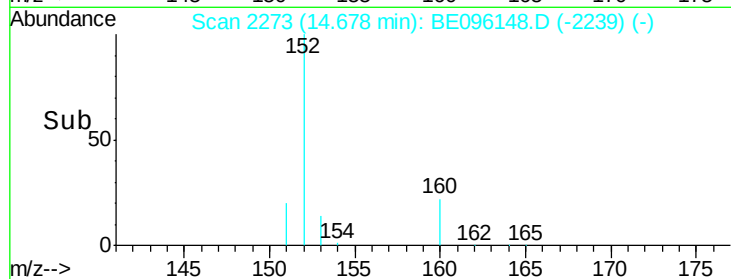
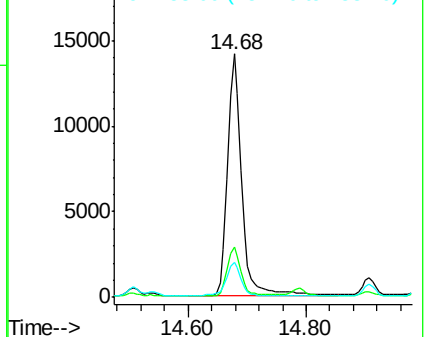
153 14.3 12.8 19.2



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: 9.596 ng/ul

RT: 15.01 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

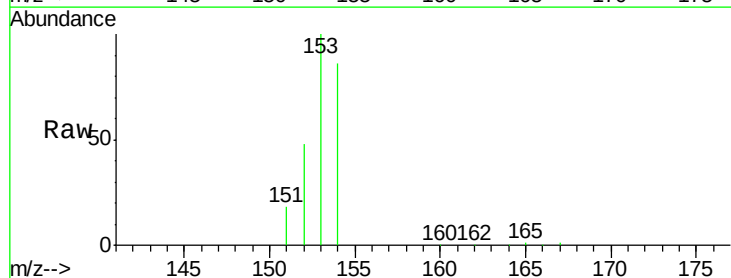
Tgt Ion:153 Resp: 84527

Ion Ratio Lower Upper

153 100

152 48.4 36.0 54.0

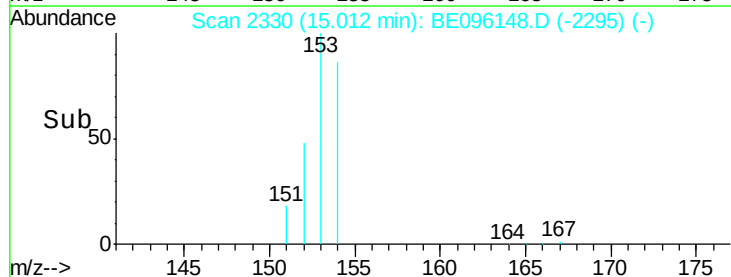
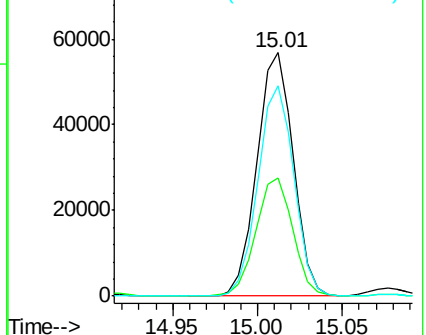
154 86.4 72.0 108.0

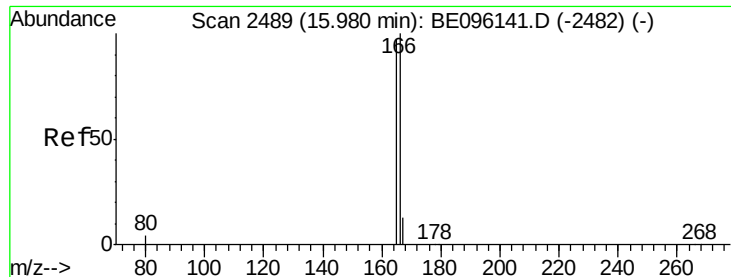


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 9.770 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

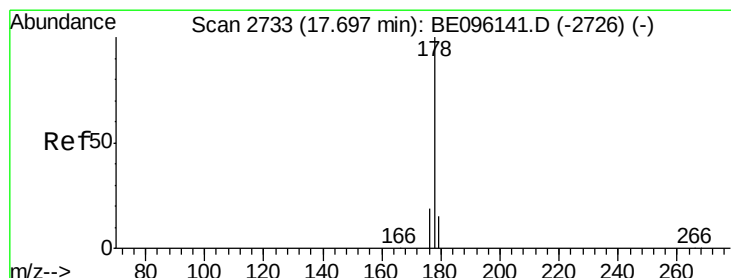
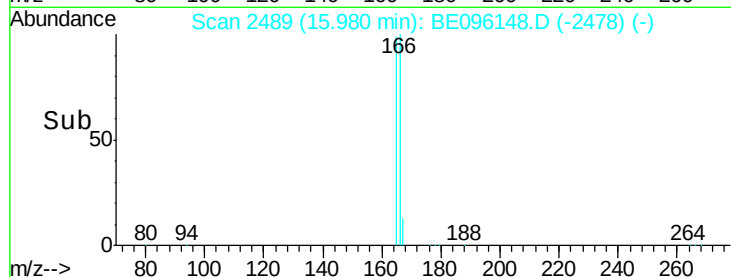
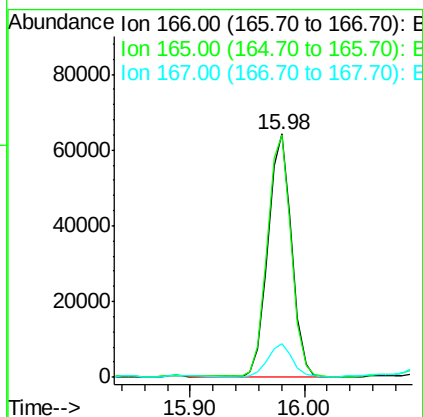
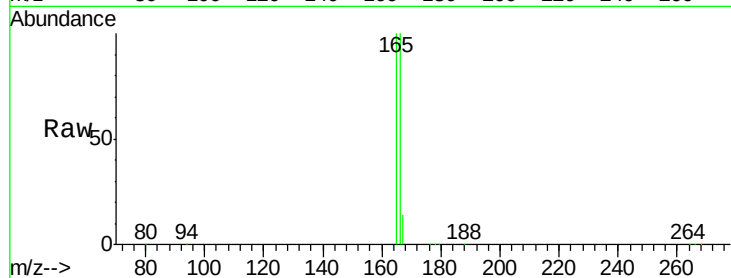
Tot Ion:166 Resp: 113877

Ion Ratio Lower Upper

166 100

165 99.6 73.4 110.2

167 13.6 14.6 22.0#



#12

Phenanthrene

Concen: 0.149 ng/ul

RT: 17.79 min Scan# 2746

Delta R.T. 0.09 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

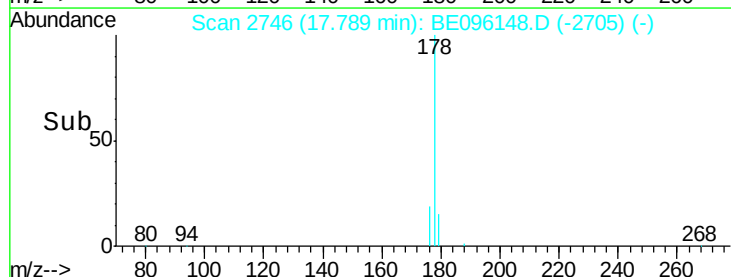
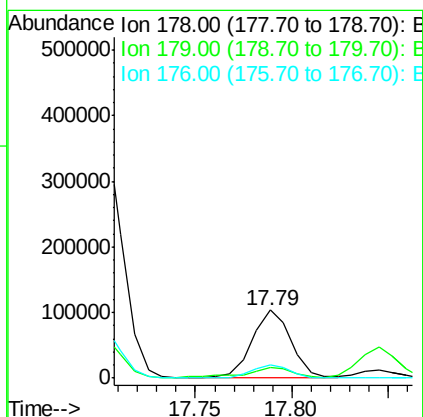
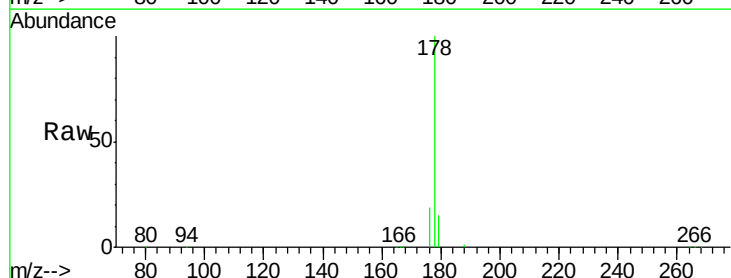
Tgt Ion:178 Resp: 145250

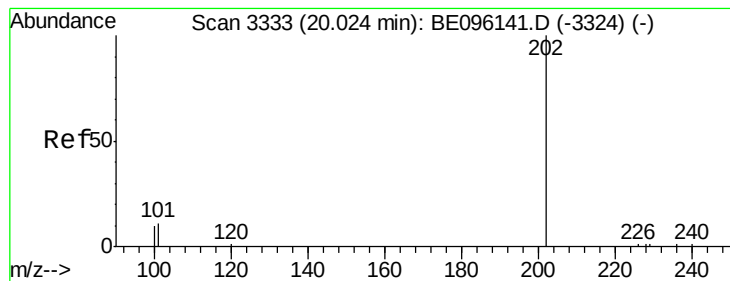
Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 19.5 13.6 20.4





#17

Pvrene

Concen: 432.459 ng/ul

RT: 20.03 min Scan# 3333

Delta R.T. 0.00 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

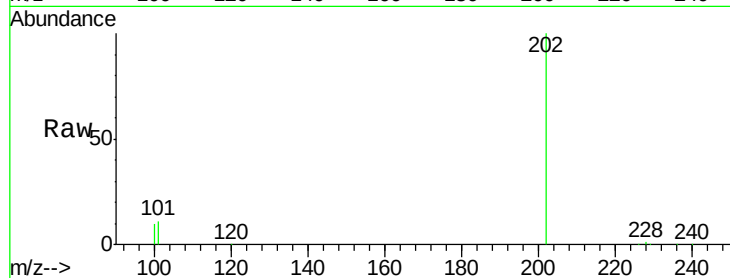
Tot Ion:202 Resp: 423379

Ion Ratio Lower Upper

202 100

101 11.2 18.2 27.4#

100 9.9 15.6 23.4#

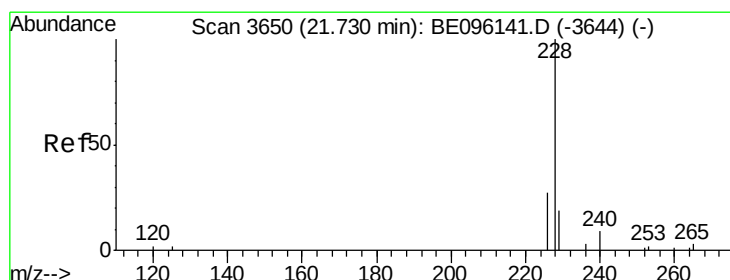
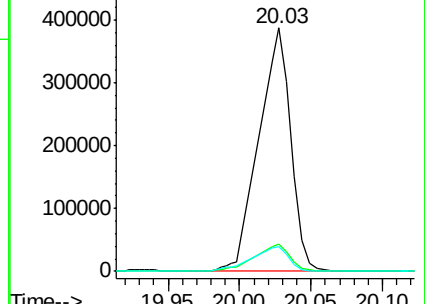
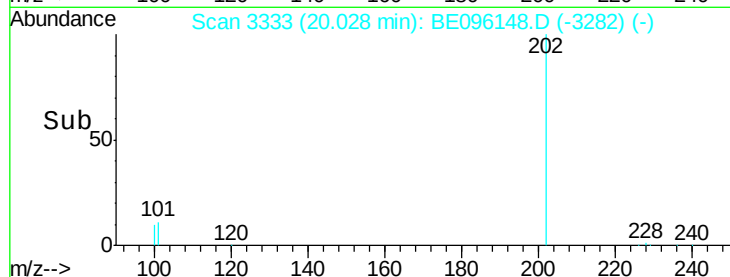


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#18

Benzo(a)anthracene

Concen: 174.499 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.06 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

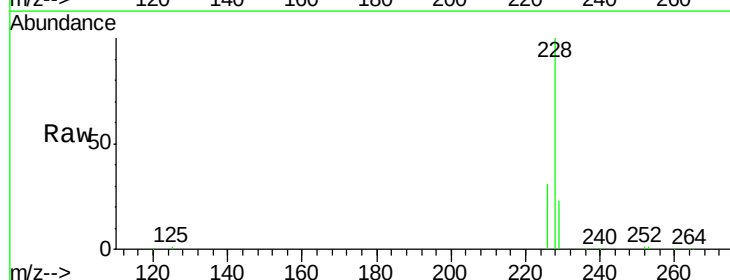
Tgt Ion:228 Resp: 257809

Ion Ratio Lower Upper

228 100

229 22.8 22.8 34.2#

226 31.2 17.0 25.6#

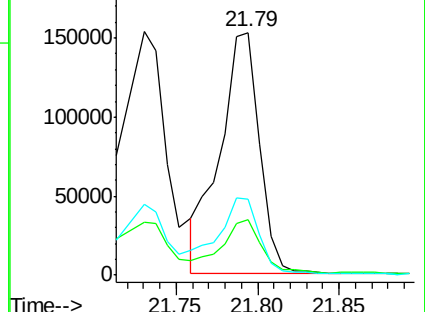
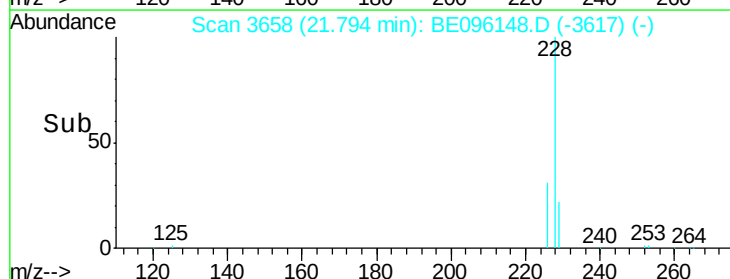


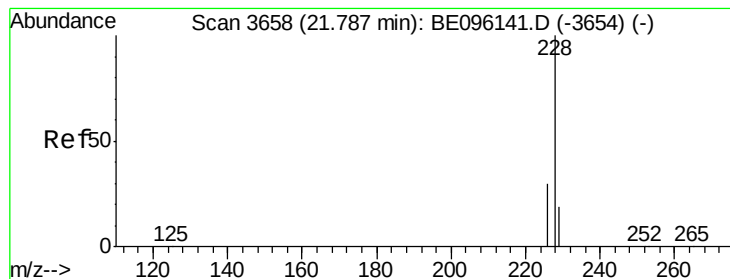
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#19

Chrysene

Concen: 189.688 ng/ul

RT: 21.79 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

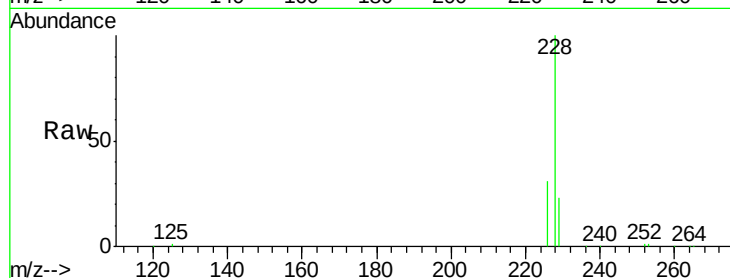
Tot Ion:228 Resp: 257523

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

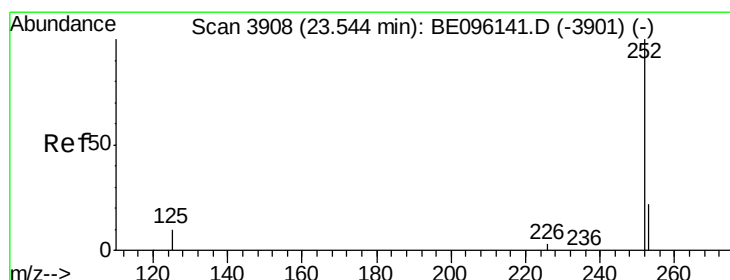
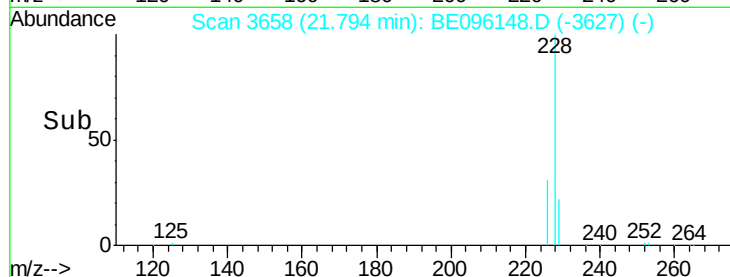
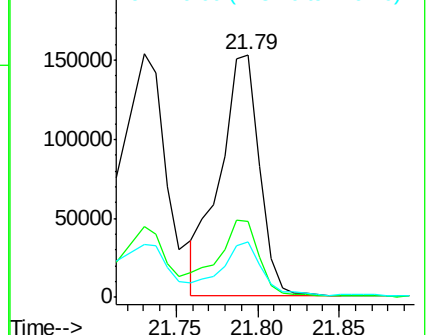
229 22.8 17.7 26.5



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: 15.866 ng/ul

RT: 23.76 min Scan# 3937

Delta R.T. 0.21 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

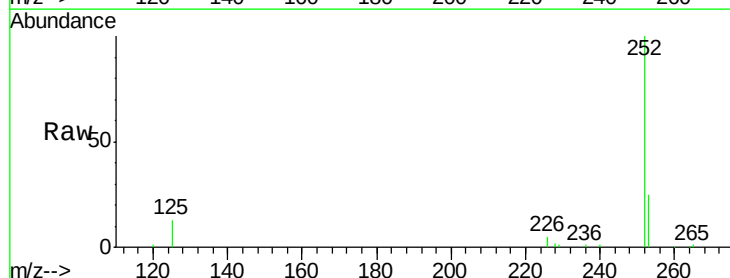
Tgt Ion:252 Resp: 99487

Ion Ratio Lower Upper

252 100

253 24.9 0.0 64.2

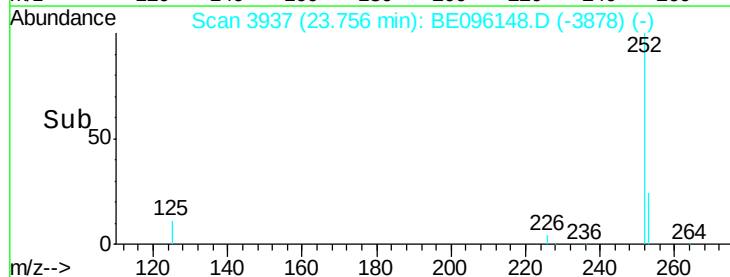
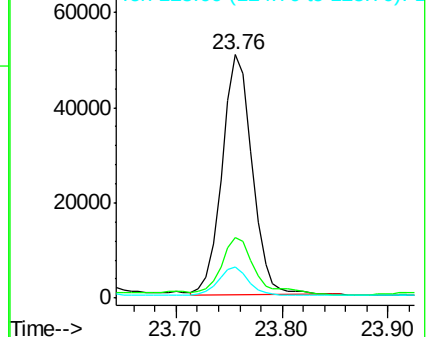
125 12.6 0.0 35.0

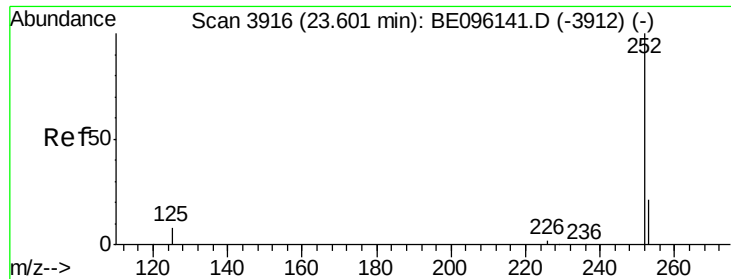


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 16.610 ng/ul

RT: 23.76 min Scan# 3937

Delta R.T. 0.16 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :

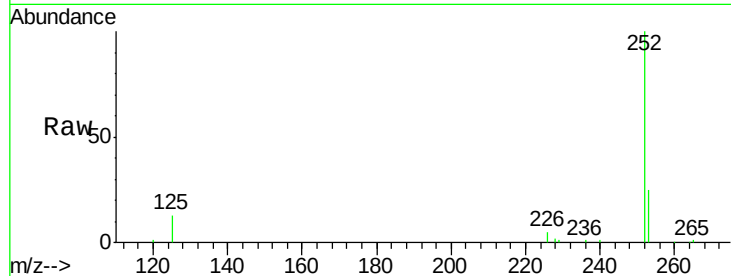
Tot Ion:252 Resp: 99569

Ion Ratio Lower Upper

252 100

253 24.9 24.5 36.7

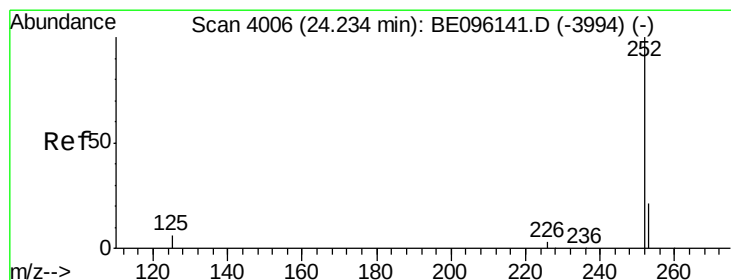
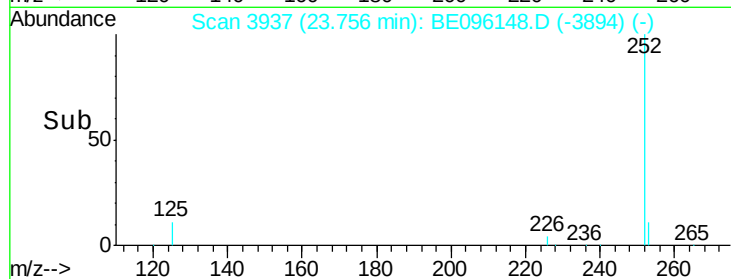
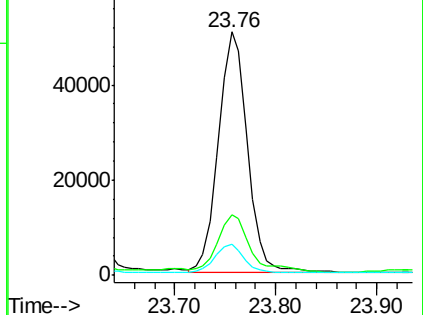
125 12.6 13.7 20.5#



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: 23.728 ng/ul

RT: 24.42 min Scan# 4031

Delta R.T. 0.18 min

Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

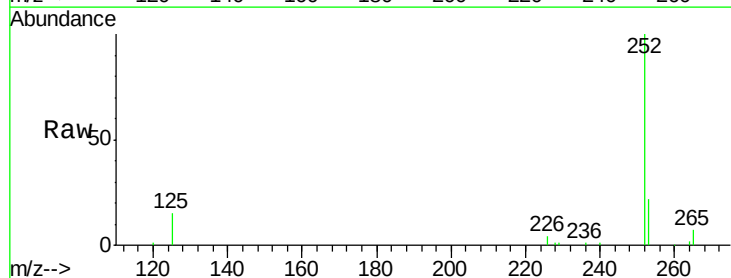
Tgt Ion:252 Resp: 129261

Ion Ratio Lower Upper

252 100

253 22.5 28.5 42.7#

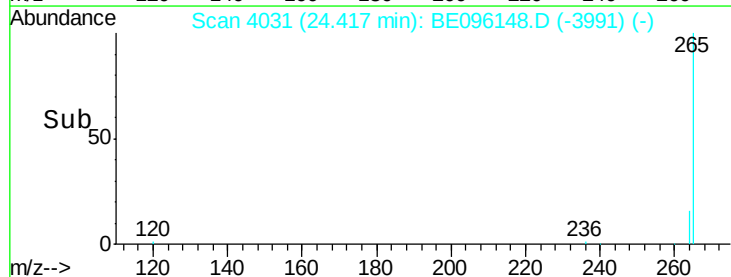
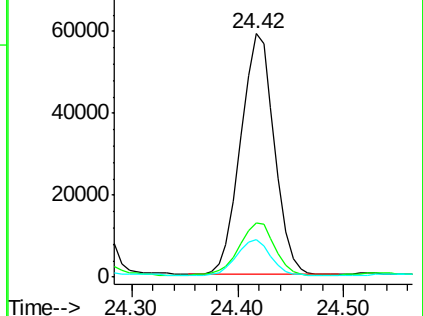
125 15.4 18.1 27.1#

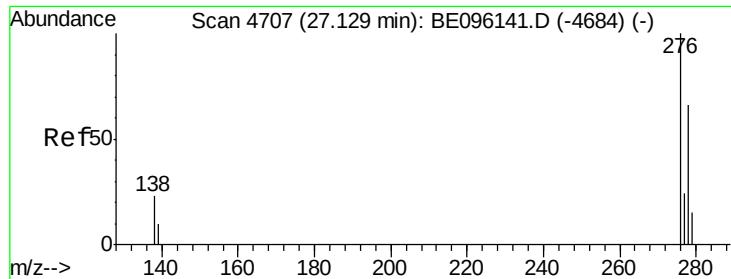


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

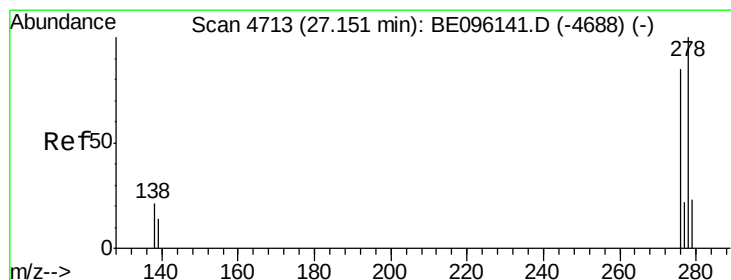
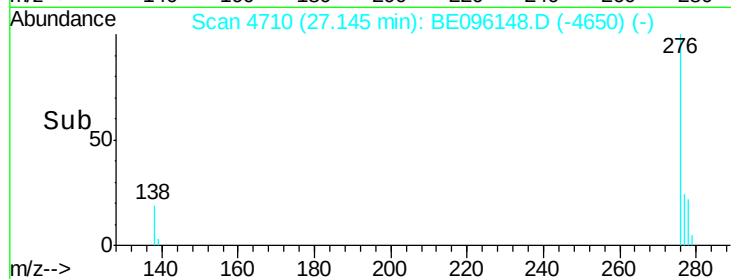
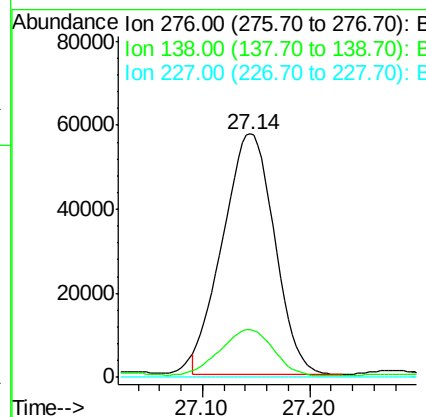
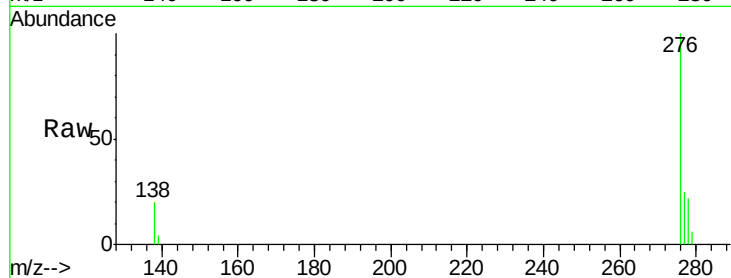




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 26.076 ng/ul
 RT: 27.14 min Scan# 4710
 Delta R.T. 0.02 min
 Lab File: BE096148.D
 Acq: 25 Apr 2018 15:13

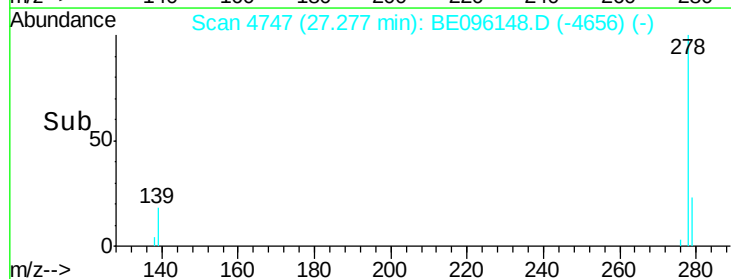
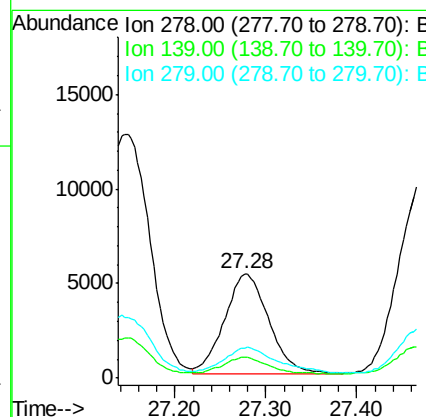
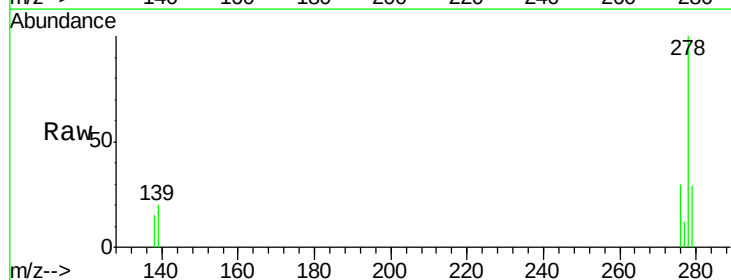
Instrument :
 BNA_E
 ClientSampleId :

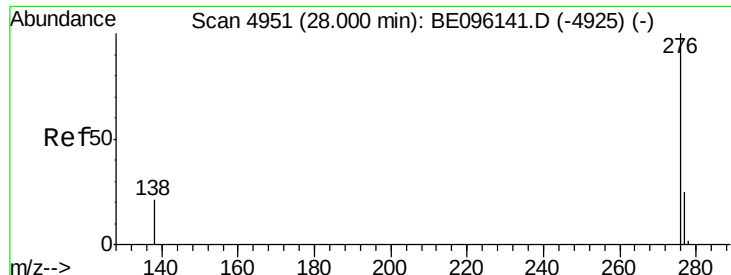
Tot Ion:276 Resp: 191397
 Ion Ratio Lower Upper
 276 100
 138 19.7 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 2.871 ng/ul
 RT: 27.28 min Scan# 4747
 Delta R.T. 0.13 min
 Lab File: BE096148.D
 Acq: 25 Apr 2018 15:13

Tgt Ion:278 Resp: 17644
 Ion Ratio Lower Upper
 278 100
 139 19.5 17.4 26.0
 279 28.9 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.690 ng/ul

RT: 28.28 min Scan# 5028

Delta R.T. 0.28 min

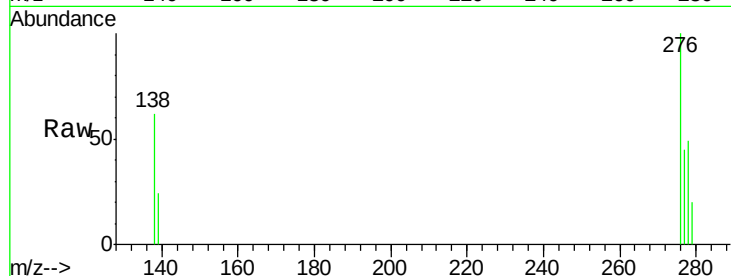
Lab File: BE096148.D

Acq: 25 Apr 2018 15:13

Instrument :

BNA_E

ClientSampleId :



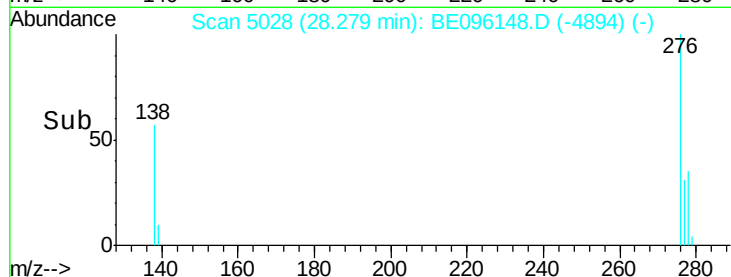
Tot Ion:276 Resp: 4409

Ion Ratio Lower Upper

276 100

138 61.5 21.8 32.8#

277 45.1 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

