

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096860.D
 Acq On : 6 Jul 2018 19:22
 Operator : SJ/JU
 Sample : J3721-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

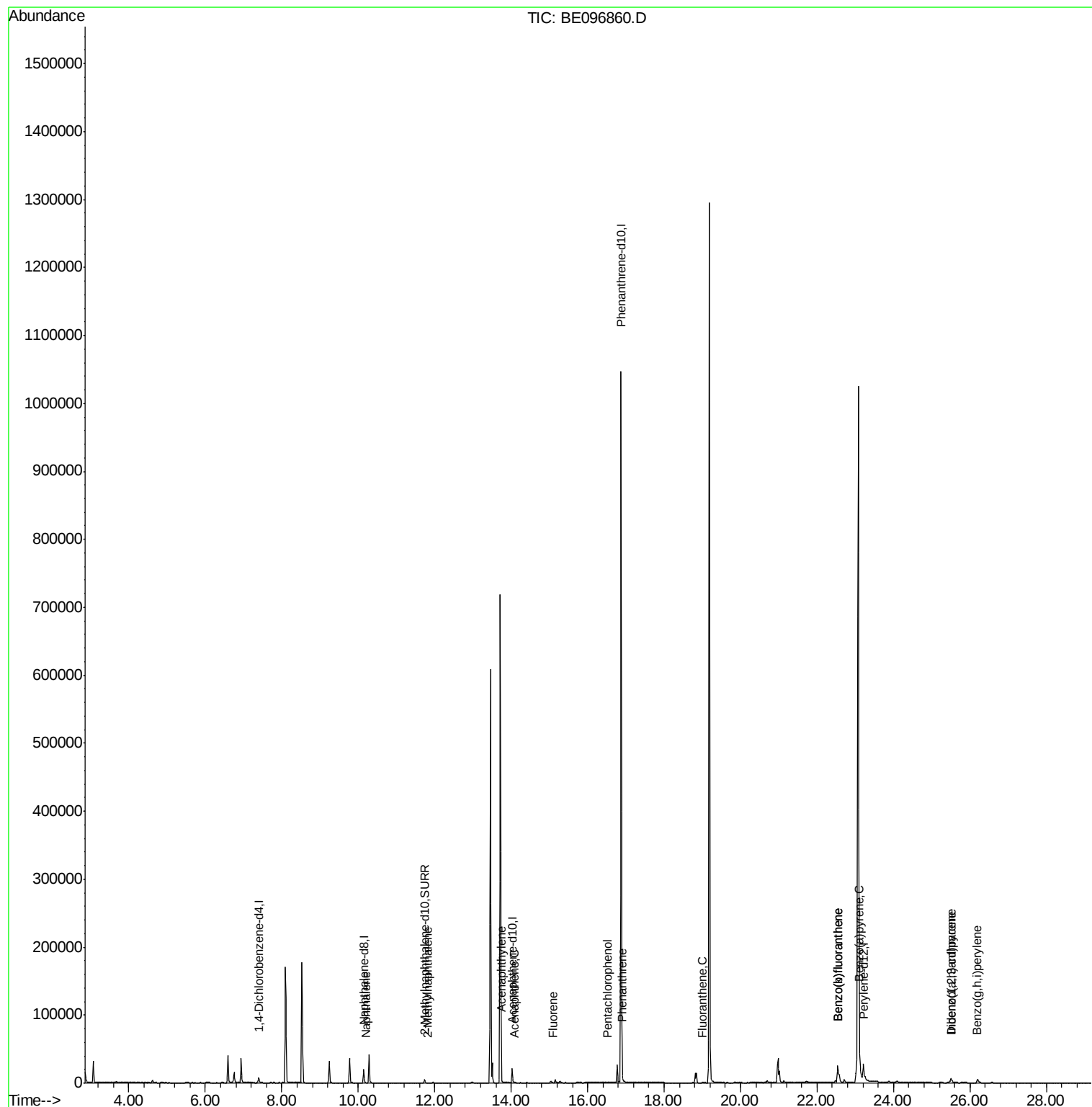
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3657	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11876	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1166947	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.98
20) Perylene-d12	23.21	264	42812	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	5679	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	280	0.006	ng/ul#	56
5) 2-Methylnaphthalene	11.81	142	90	0.003	ng/ul	98
7) Acenaphthylene	13.74	152	2404	0.049	ng/ul	93
8) Acenaphthene	14.09	153	200	0.005	ng/ul#	76
9) Fluorene	15.09	166	288	0.007	ng/ul#	87
11) Pentachlorophenol	16.51	266	6	0.000	ng/ul#	28
12) Phenanthrene	16.91	178	2384	0.001	ng/ul#	93
15) Fluoranthene	19.00	202	458	0.000	ng/ul#	78
21) Benzo(b)fluoranthene	22.54	252	55031	0.471	ng/ul	84
22) Benzo(k)fluoranthene	22.54	252	55031	0.431	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	30151	0.305	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	12376	0.121	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.52	278	2751	0.034	ng/ul	98
26) Benzo(g,h,i)perylene	26.20	276	11198	0.112	ng/ul#	94

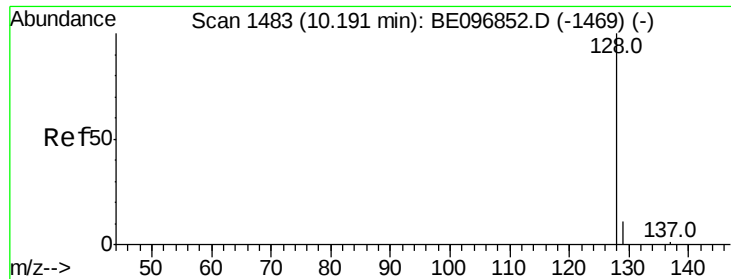
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.006 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampleId :

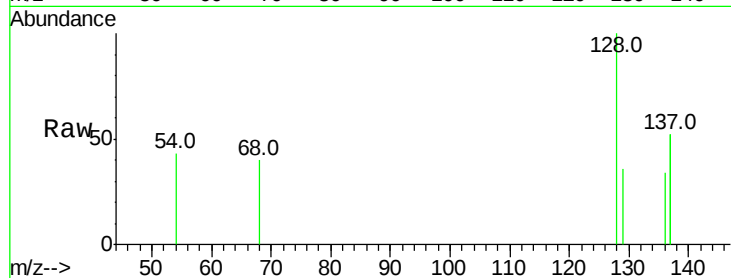
Tot Ion:128 Resp: 280

Ion Ratio Lower Upper

128 100

129 36.2 11.3 16.9#

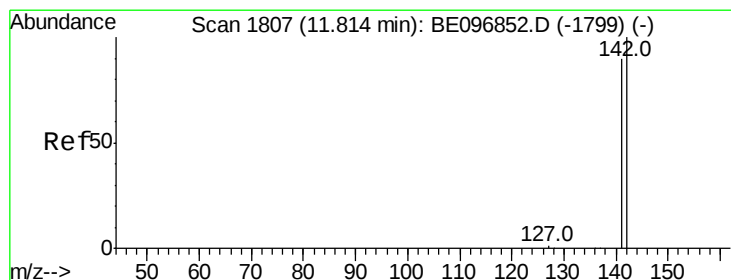
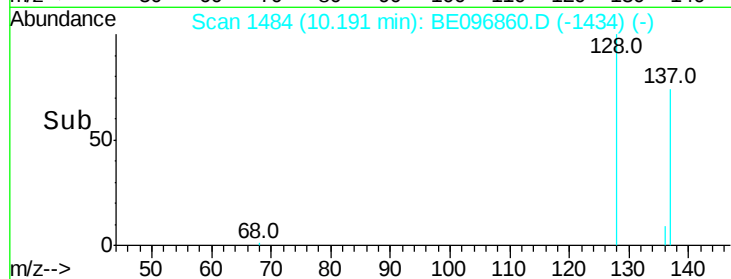
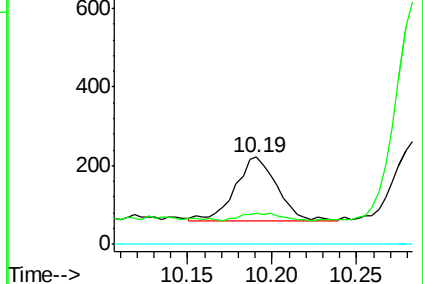
127 0.0 4.0 6.0#



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: 0.003 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096860.D

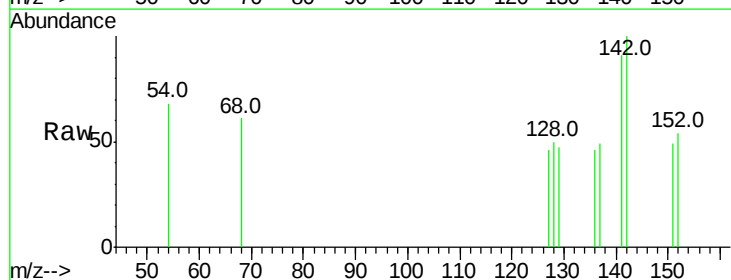
Acq: 6 Jul 2018 19:22

Tgt Ion:142 Resp: 90

Ion Ratio Lower Upper

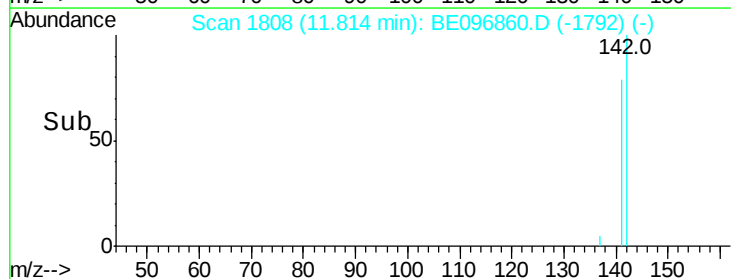
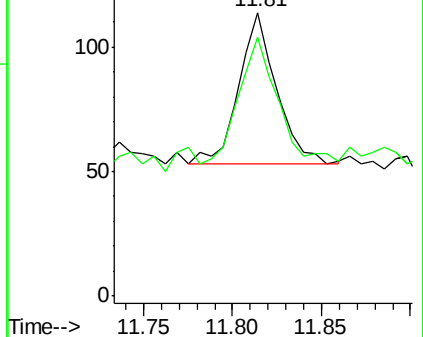
142 100

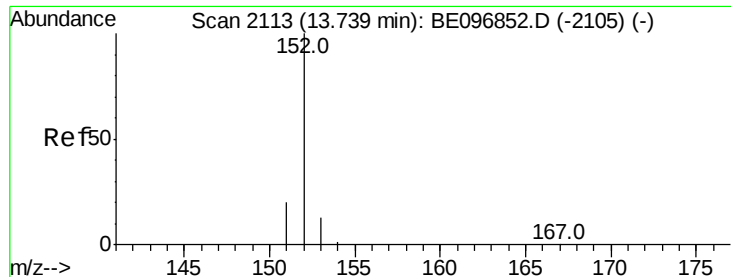
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampleId :

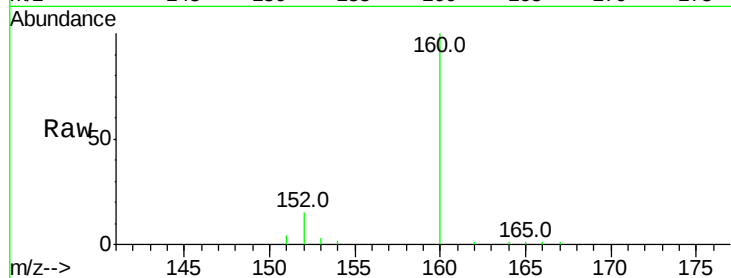
Tot Ion:152 Resp: 2404

Ion Ratio Lower Upper

152 100

151 24.7 17.1 25.7

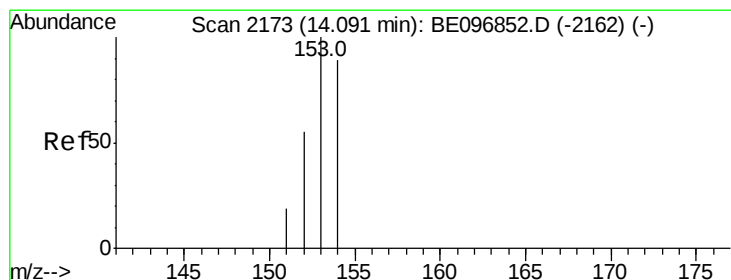
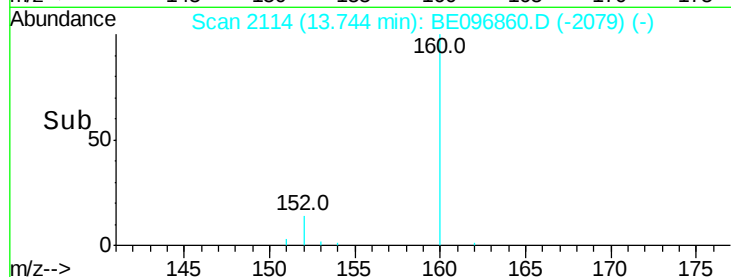
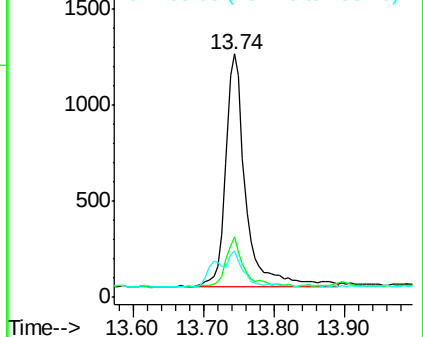
153 18.9 12.8 19.2



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: 0.005 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

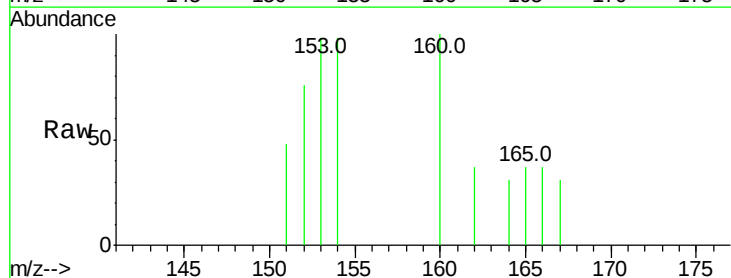
Tgt Ion:153 Resp: 200

Ion Ratio Lower Upper

153 100

152 77.4 36.0 54.0#

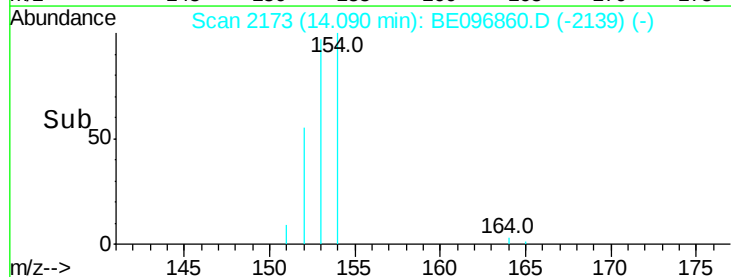
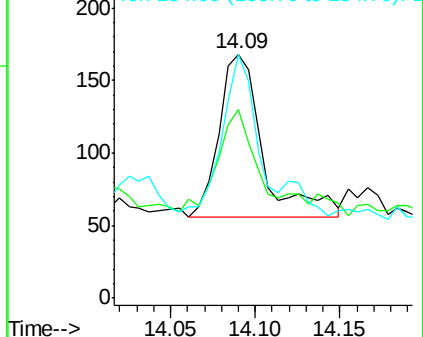
154 100.0 72.0 108.0

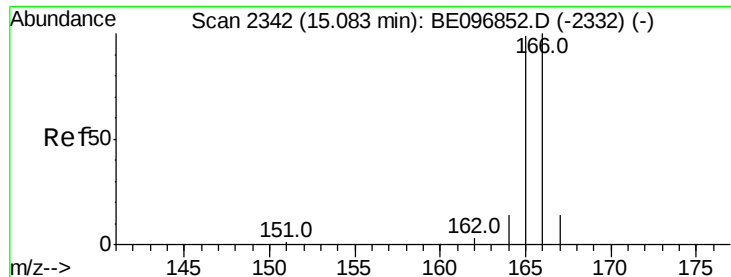


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.007 ng/ul

RT: 15.09 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampleId :

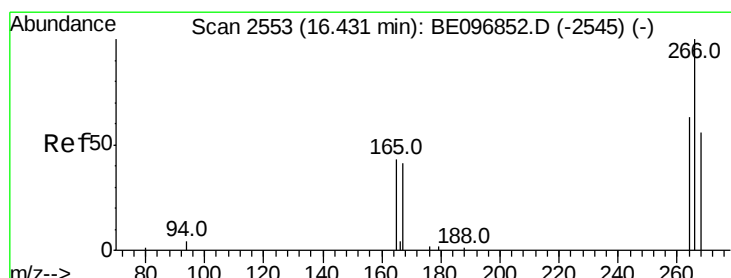
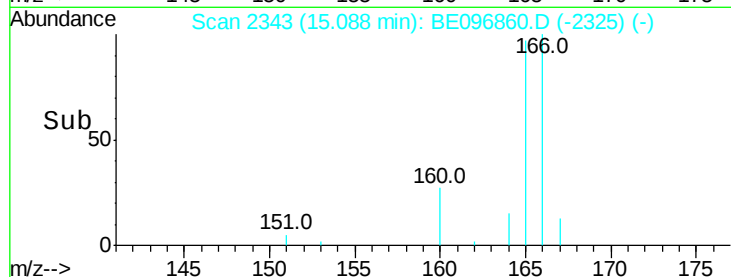
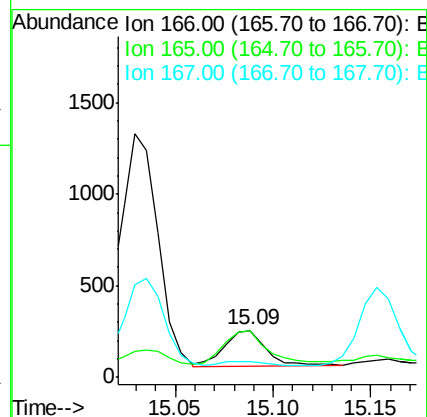
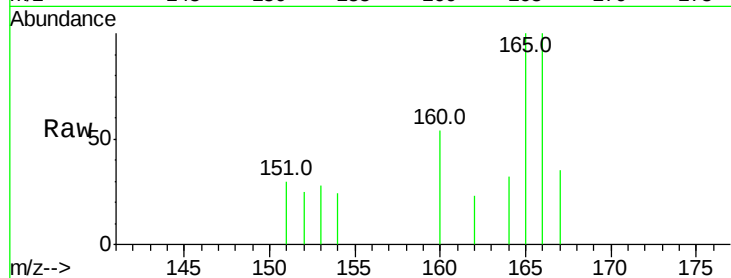
Tot Ion:166 Resp: 288

Ion Ratio Lower Upper

166 100

165 99.6 73.4 110.2

167 35.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.51 min Scan# 2564

Delta R.T. 0.08 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

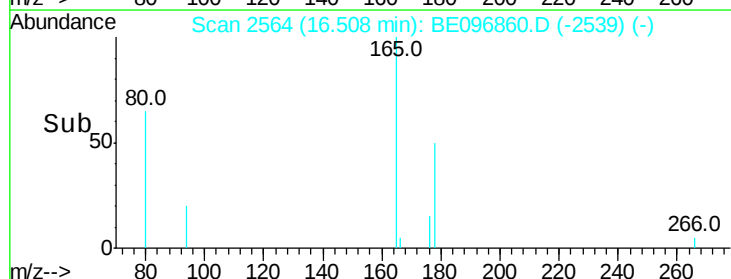
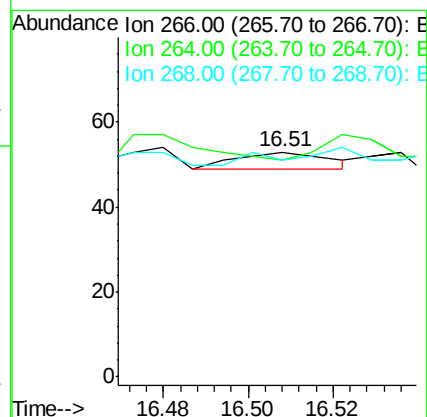
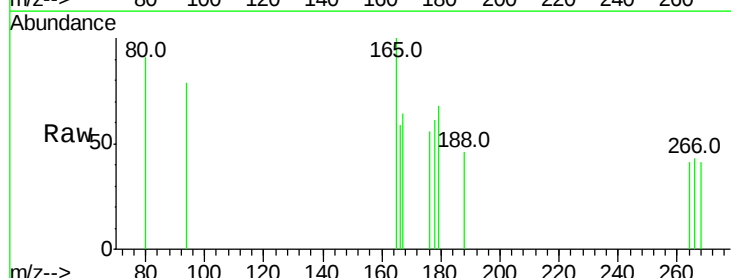
Tgt Ion:266 Resp: 6

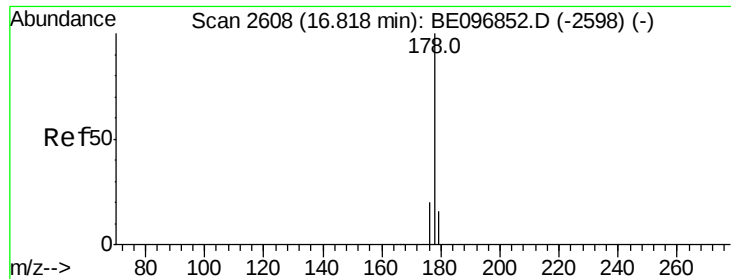
Ion Ratio Lower Upper

266 100

264 150.0 47.9 71.9#

268 83.3 49.8 74.8#





#12

Phenanthrene

Concen: 0.001 ng/ul

RT: 16.91 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampled :

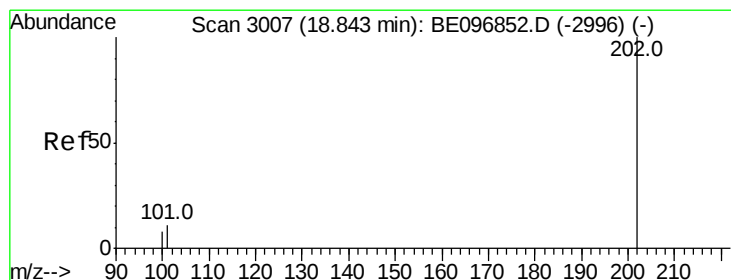
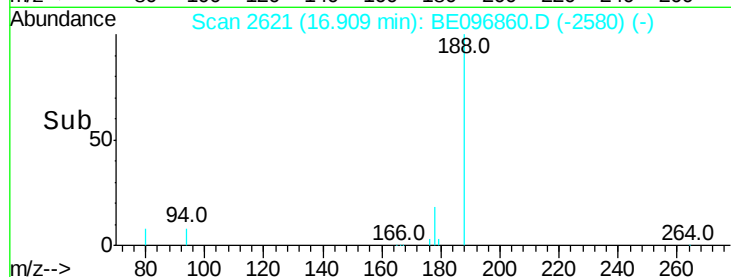
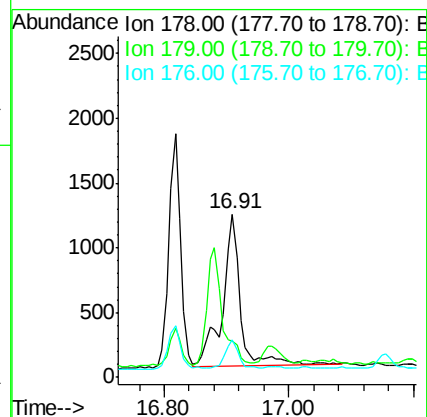
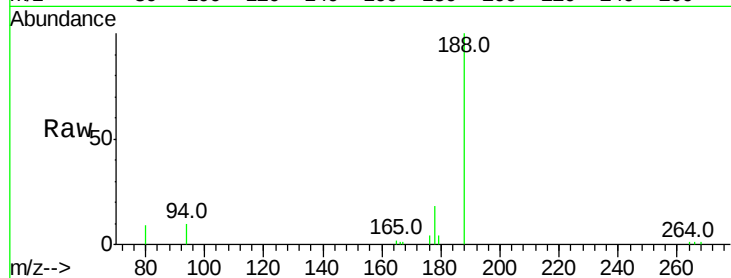
Tot Ion:178 Resp: 2384

Ion Ratio Lower Upper

178 100

179 22.4 18.4 27.6

176 23.0 13.6 20.4#



#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.00 min Scan# 3050

Delta R.T. 0.15 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

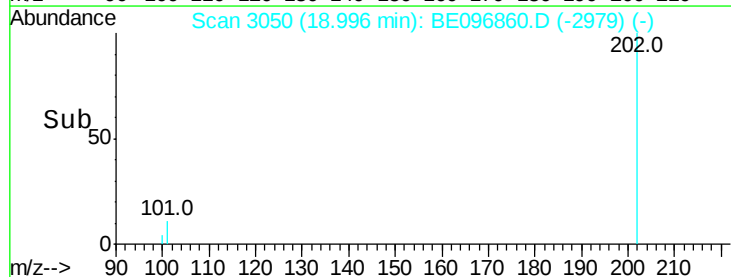
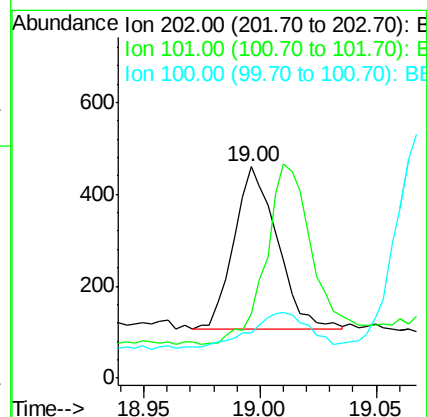
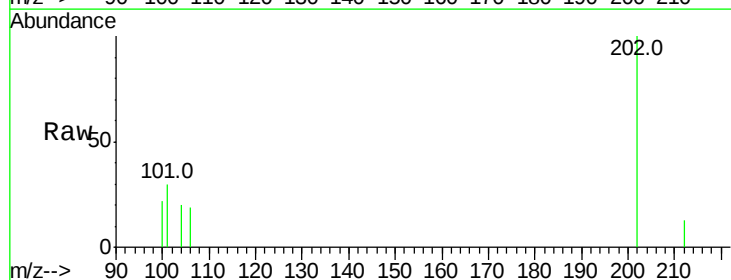
Tgt Ion:202 Resp: 458

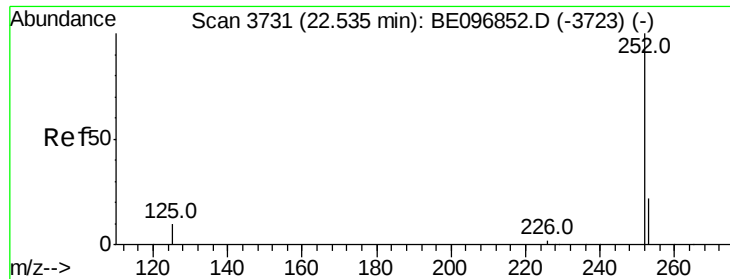
Ion Ratio Lower Upper

202 100

101 30.4 0.0 30.3#

100 21.5 0.0 39.5





#21

Benzo(b)fluoranthene

Concen: 0.471 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampleId :

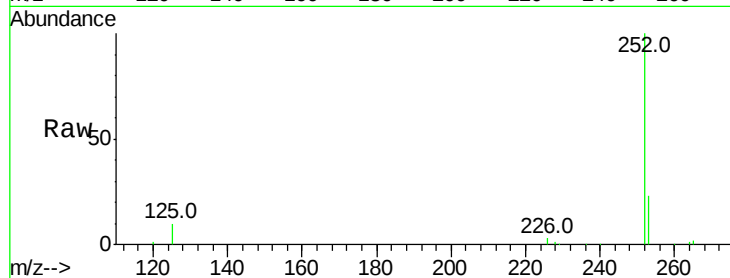
Tot Ion:252 Resp: 55031

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

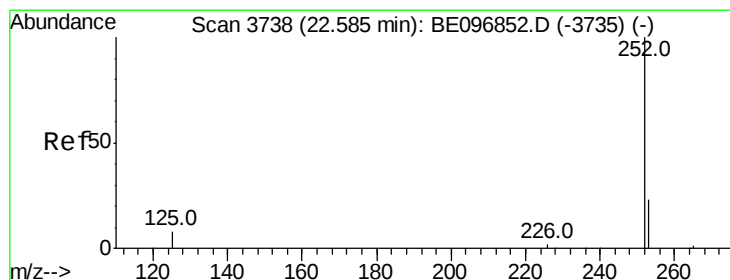
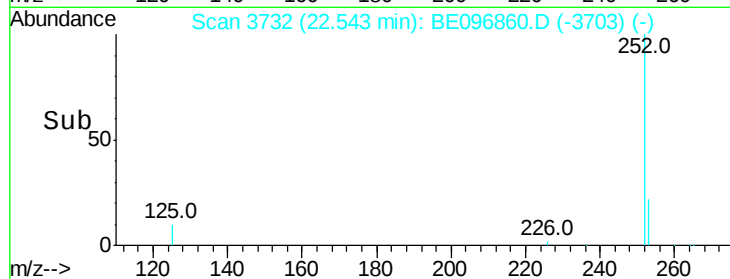
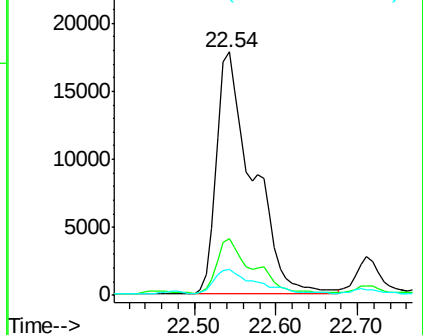
125 10.5 0.0 35.0



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: 0.431 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

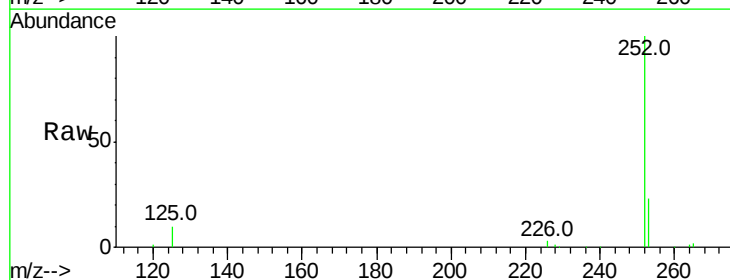
Tgt Ion:252 Resp: 55031

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

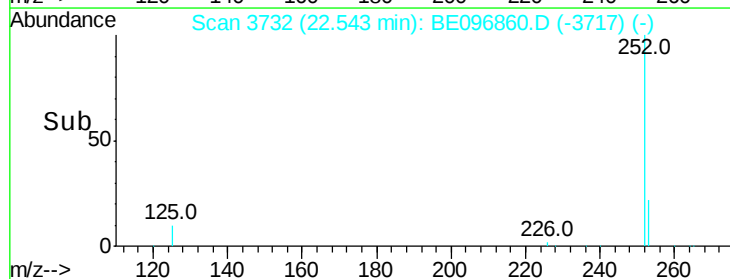
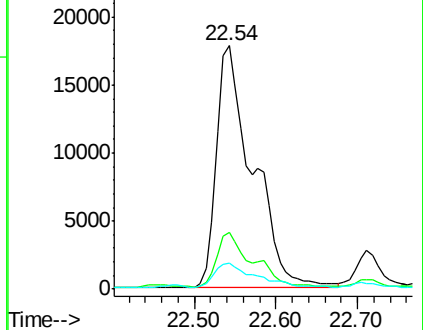
125 10.5 13.7 20.5#

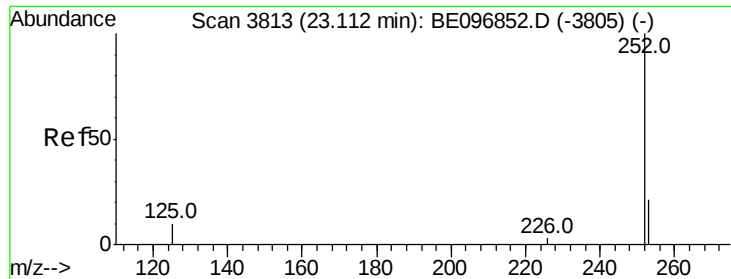


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.305 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

Instrument :

BNA_E

ClientSampleId :

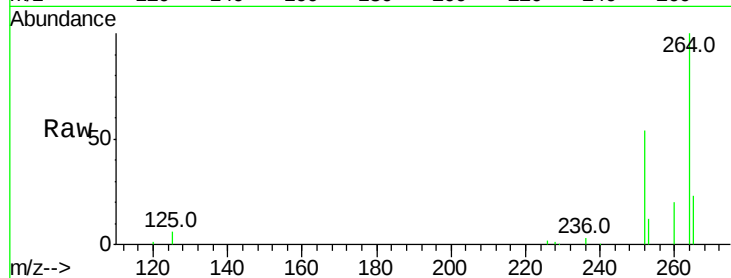
Tot Ion:252 Resp: 30151

Ion Ratio Lower Upper

252 100

253 22.3 28.5 42.7#

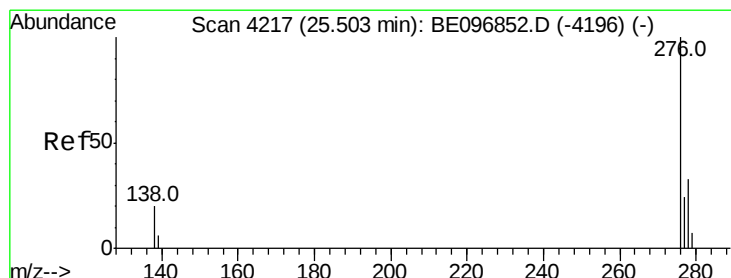
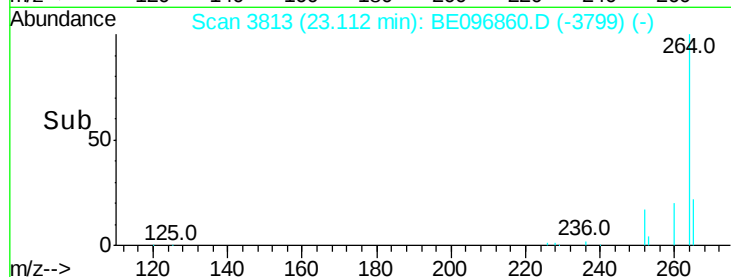
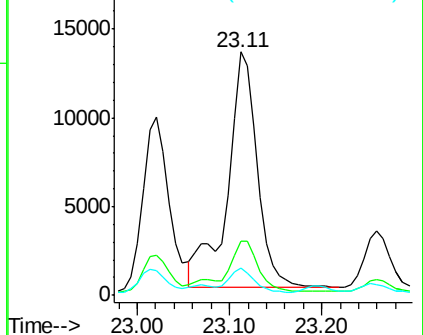
125 11.2 18.1 27.1#



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: 0.121 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.00 min

Lab File: BE096860.D

Acq: 6 Jul 2018 19:22

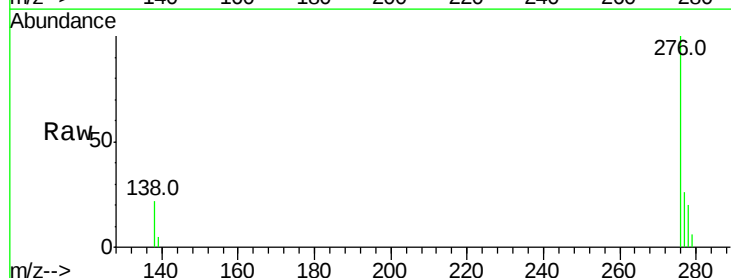
Tgt Ion:276 Resp: 12376

Ion Ratio Lower Upper

276 100

138 19.9 28.0 42.0#

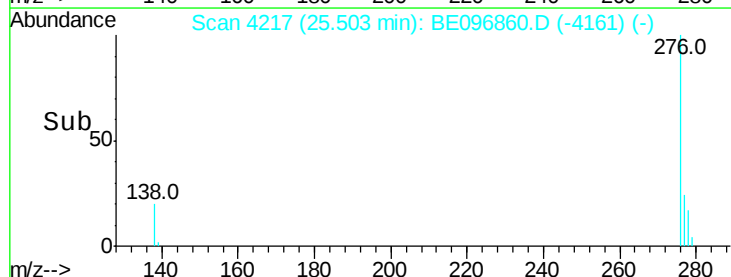
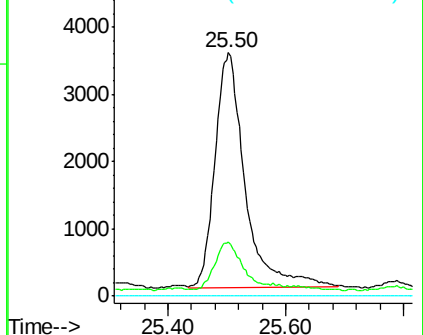
227 0.0 8.0 12.0#

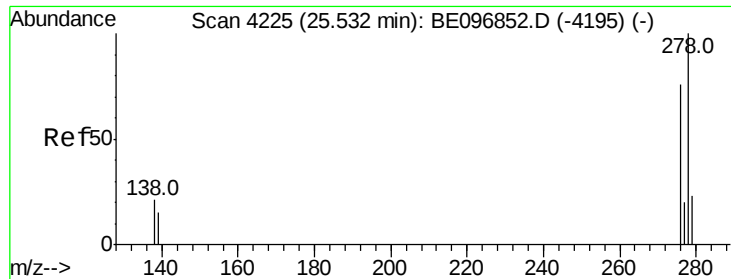


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

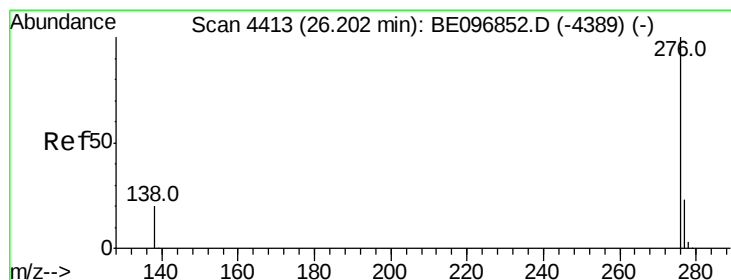
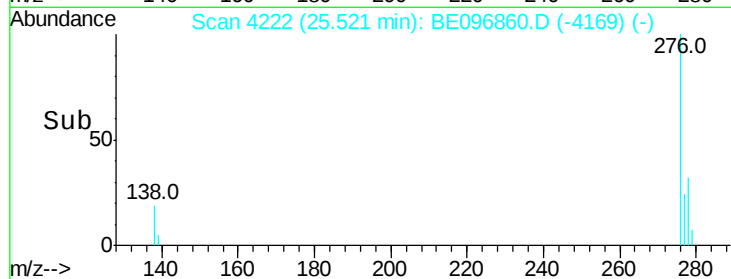
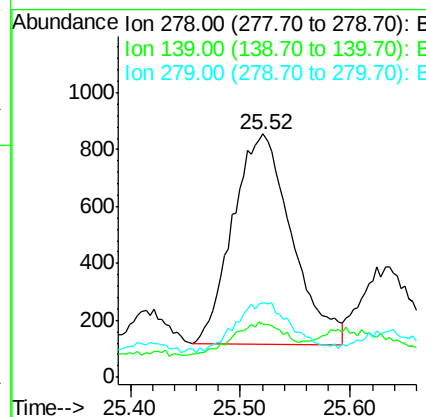
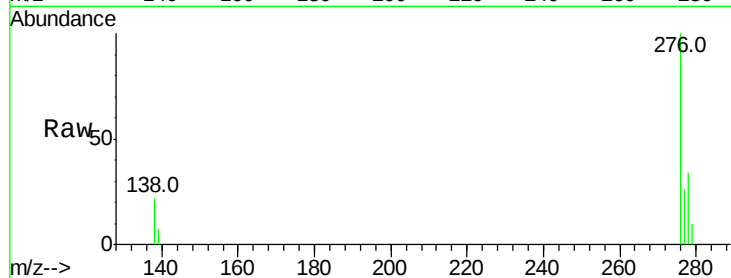




#25
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE096860.D
Acq: 6 Jul 2018 19:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2751
Ion Ratio Lower Upper
278 100
139 21.7 17.4 26.0
279 30.4 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. -0.00 min
Lab File: BE096860.D
Acq: 6 Jul 2018 19:22

Tgt Ion:276 Resp: 11198
Ion Ratio Lower Upper
276 100
138 21.8 21.8 32.8#
277 25.8 20.5 30.7

