

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017785.D
 Acq On : 7 Jul 2015 00:51
 Operator : TP/UM
 Sample : G2860-16 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 07 04:16:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 01:50:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	88575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	410290	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	253330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	508248	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	511567	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	514454	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	11905	1.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	6725	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	9283	1.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	8767	1.43	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	4912	1.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	5118	1.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	9164	1.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	5188	0.65	ng/ul	0.01
43) Dimethylphthalate-d6	13.68	166	26222	1.56	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	35555	1.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	3166	0.94	ng/ul	0.00
57) Fluorene-d10	15.26	176	28648	1.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	1318	0.56	ng/ul	0.00
70) Anthracene-d10	17.11	188	37964	1.64	ng/ul	0.00
78) Pyrene-d10	19.41	212	37296	1.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	35267	1.56	ng/ul	0.01

Target Compounds

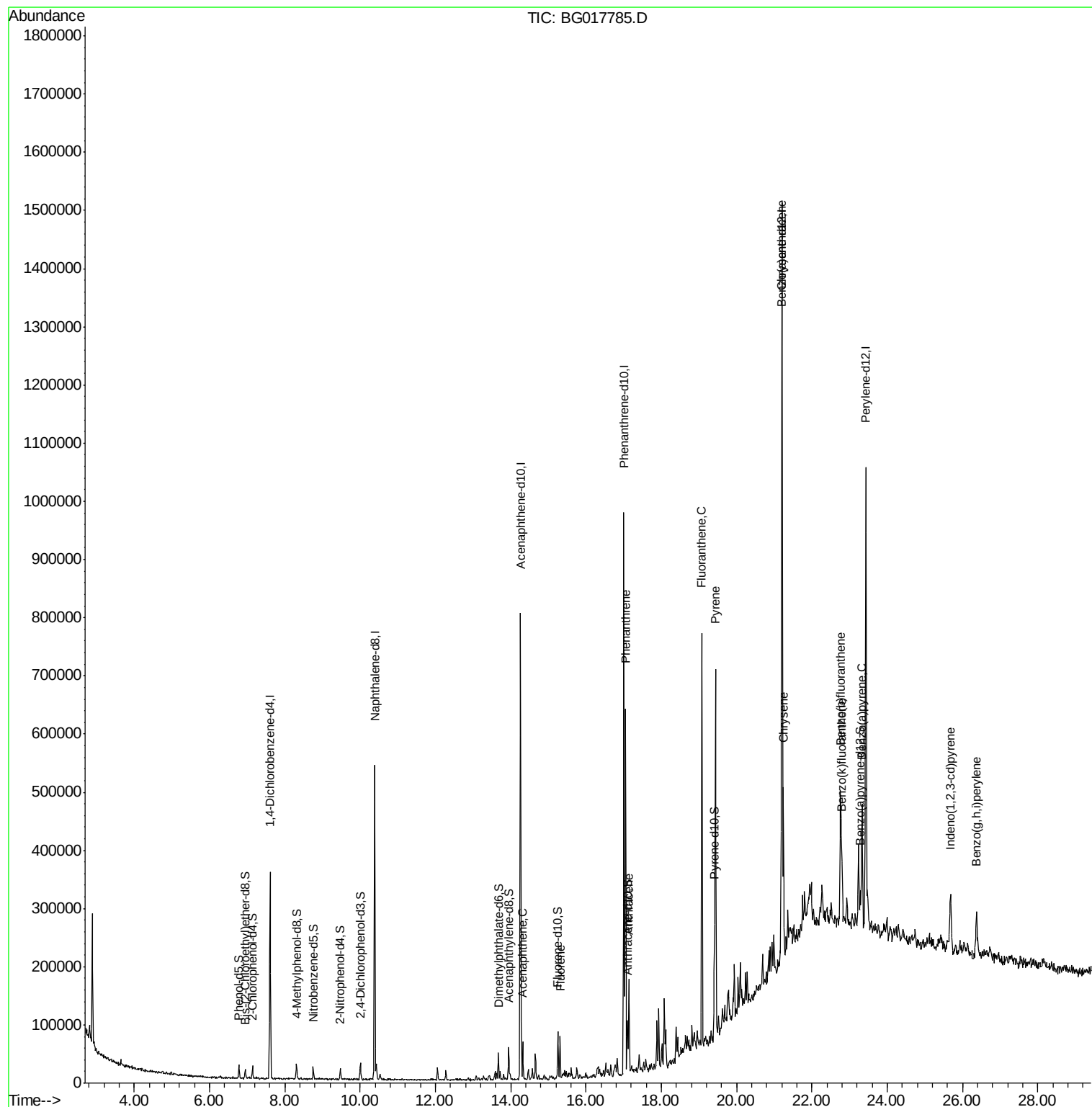
						Qvalue
49) Acenaphthene	14.32	153	22387	1.34	ng/ul	93
58) Fluorene	15.31	166	30006	1.51	ng/ul	88
69) Phenanthrene	17.05	178	335520	12.08	ng/ul	97
71) Anthracene	17.14	178	87552	3.06	ng/ul	97
76) Fluoranthene	19.07	202	389749	14.56	ng/ul	98
79) Pyrene	19.44	202	374237	11.99	ng/ul	97
82) Benzo(a)anthracene	21.20	228	153892	5.46	ng/ul	99
84) Chrysene	21.24	228	147000	5.51	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	171017	5.82	ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	58752m	2.12	ng/ul	
90) Benzo(a)pyrene	23.33	252	134902	4.83	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.68	276	83443	2.73	ng/ul	93
93) Benzo(g,h,i)perylene	26.38	276	92348	3.62	ng/ul#	92

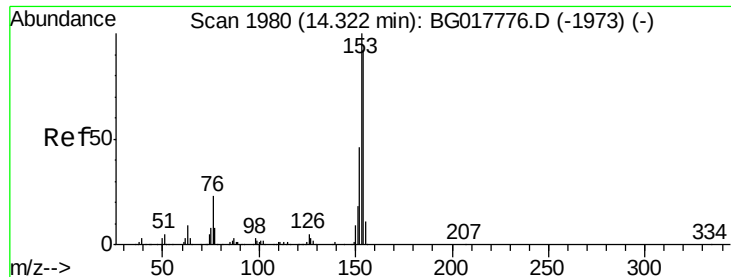
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 07 01:50:10 2015
Response via : Initial Calibration





#49

Acenaphthene

Concen: 1.34 ng/ul

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampleId :

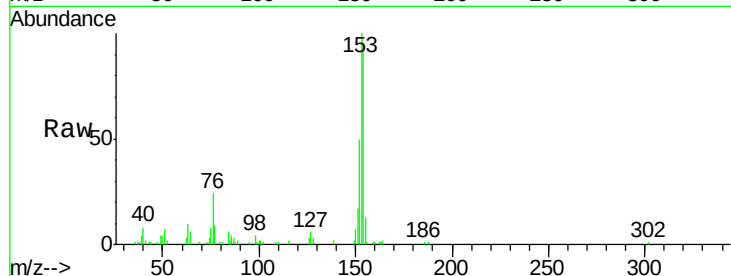
Tgt Ion:153 Resp: 22387

Ion Ratio Lower Upper

153 100

152 50.2 37.8 56.6

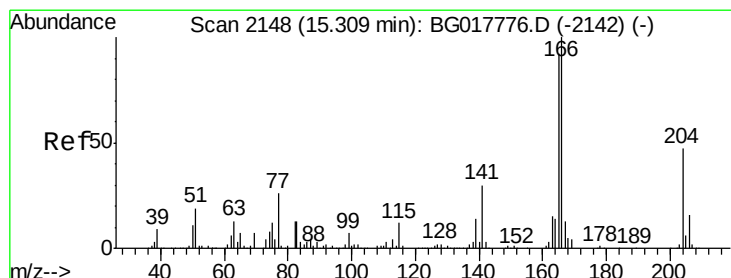
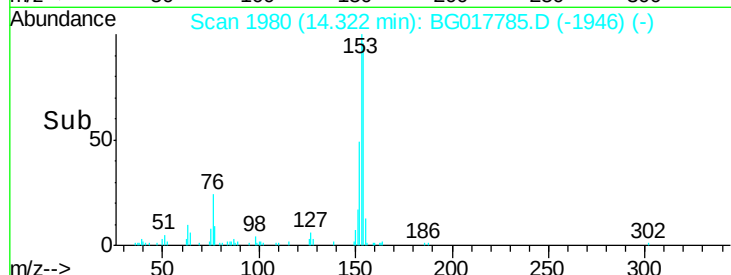
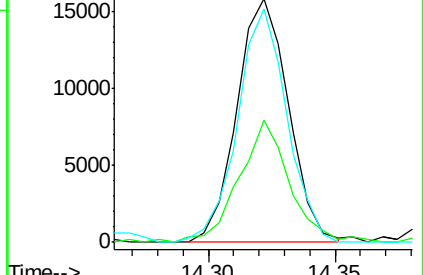
154 96.1 71.2 106.8



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



#58

Fluorene

Concen: 1.51 ng/ul

RT: 15.31 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

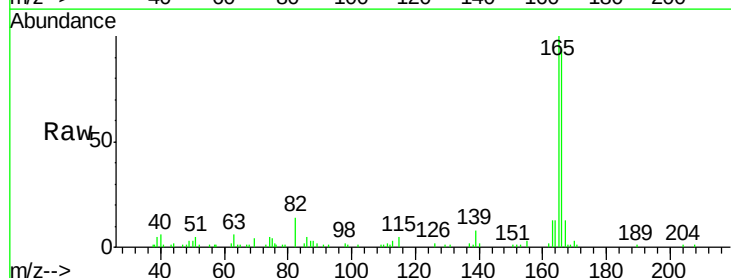
Tgt Ion:166 Resp: 30006

Ion Ratio Lower Upper

166 100

165 106.9 75.7 113.5

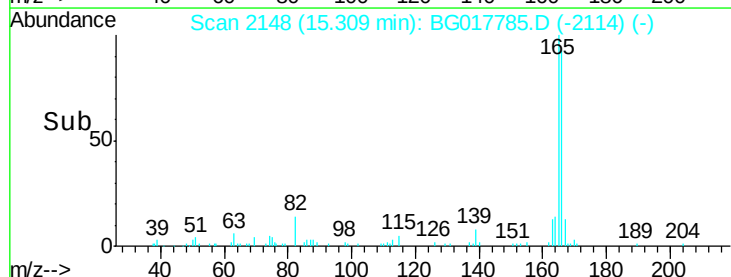
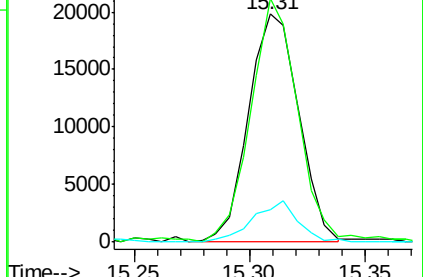
167 14.2 10.1 15.1

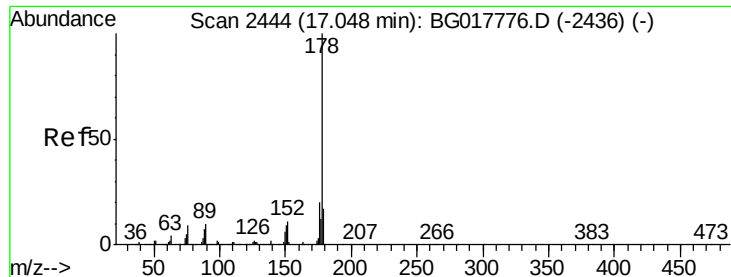


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 12.08 ng/ul

RT: 17.05 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampleId :

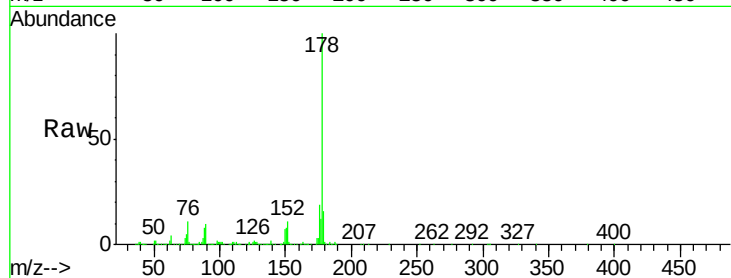
Tgt Ion:178 Resp: 335520

Ion Ratio Lower Upper

178 100

179 15.8 13.0 19.4

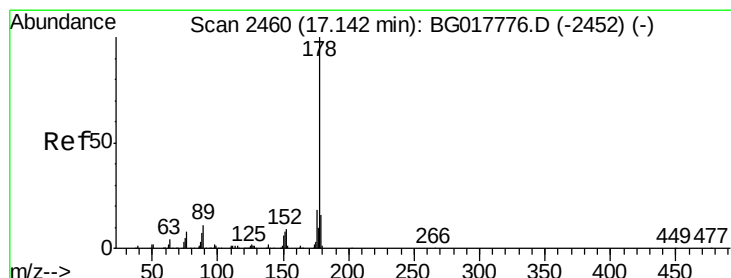
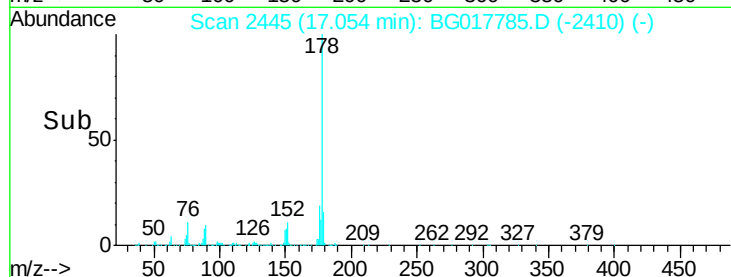
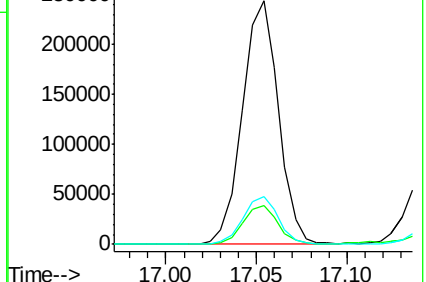
176 19.4 17.0 25.4



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



#71

Anthracene

Concen: 3.06 ng/ul

RT: 17.14 min Scan# 2460

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

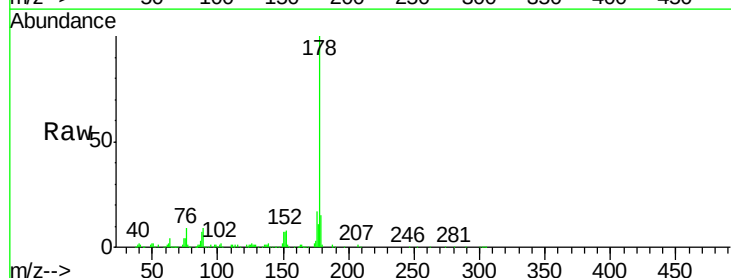
Tgt Ion:178 Resp: 87552

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

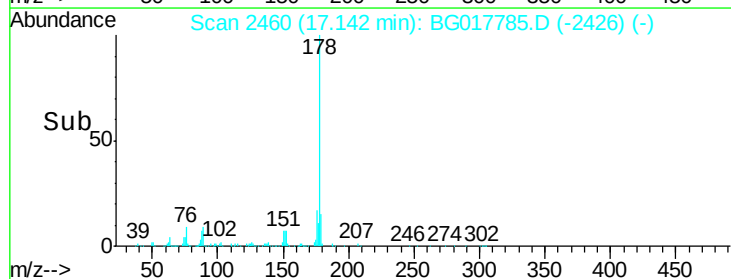
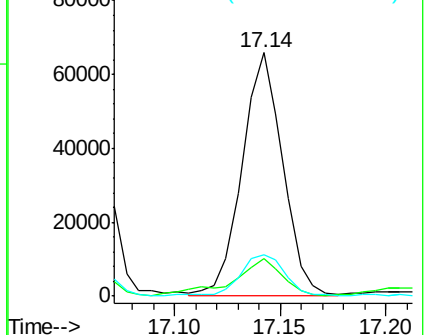
176 17.0 15.3 22.9

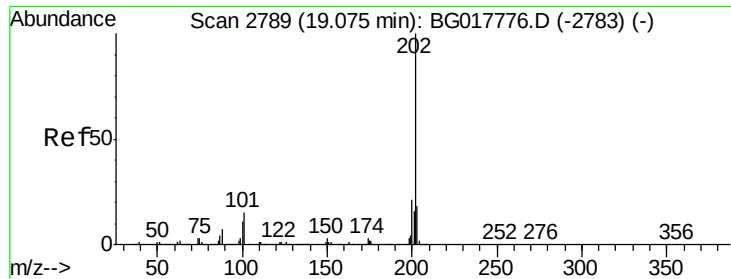


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 14.56 ng/ul

RT: 19.07 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampleId :

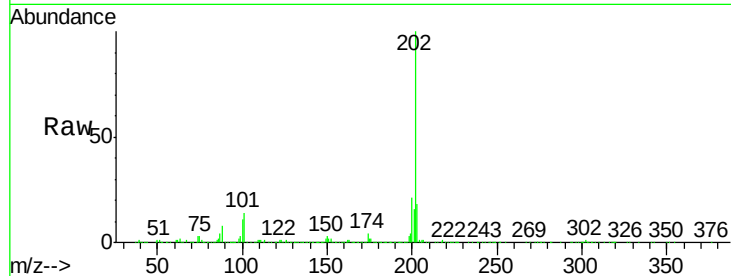
Tgt Ion:202 Resp: 389749

Ion Ratio Lower Upper

202 100

101 14.3 12.6 18.8

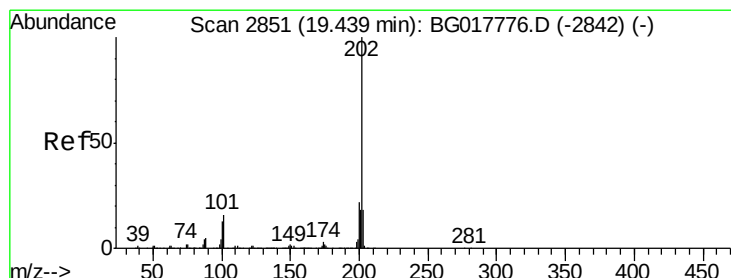
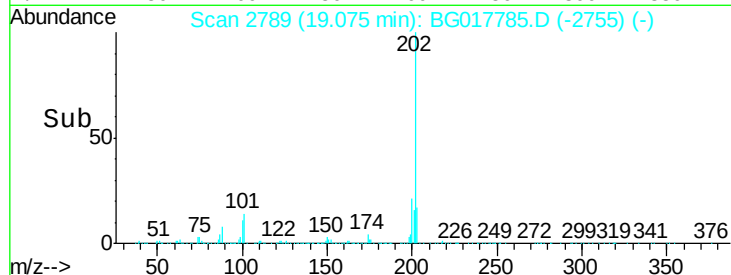
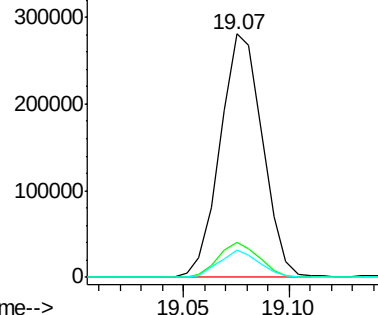
100 11.1 9.1 13.7



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): B



#79

Pyrene

Concen: 11.99 ng/ul

RT: 19.44 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

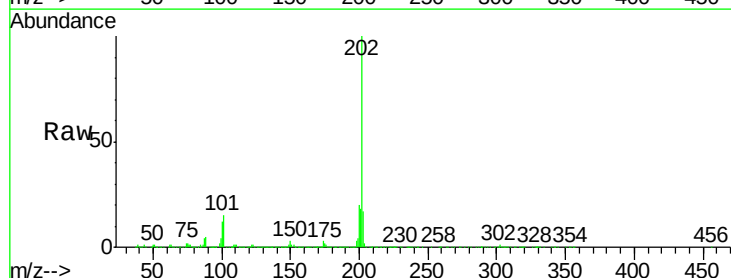
Tgt Ion:202 Resp: 374237

Ion Ratio Lower Upper

202 100

101 15.4 13.1 19.7

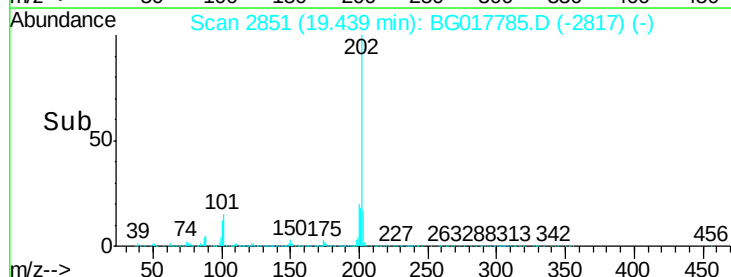
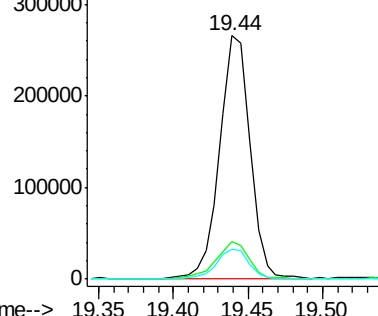
100 12.4 11.3 16.9

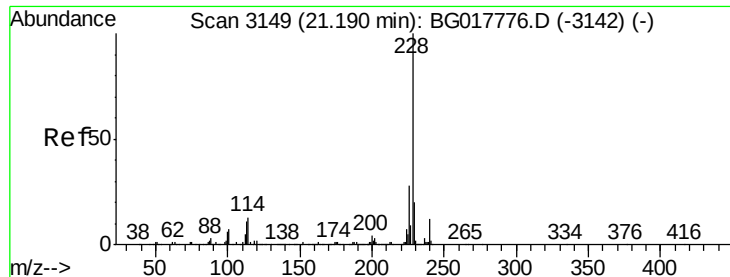


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 5.46 ng/ul

RT: 21.20 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampleId :

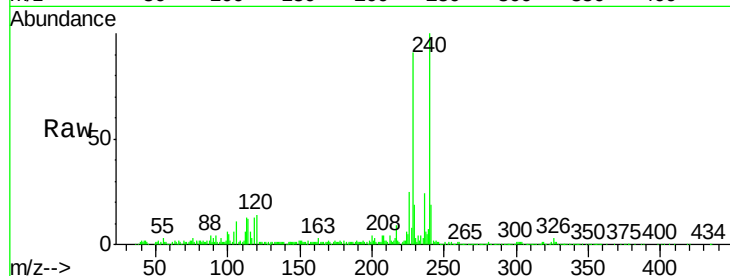
Tgt Ion:228 Resp: 153892

Ion Ratio Lower Upper

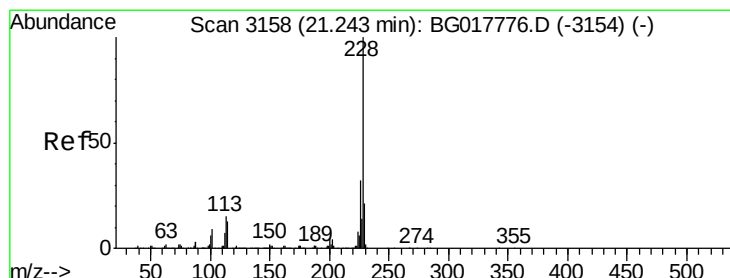
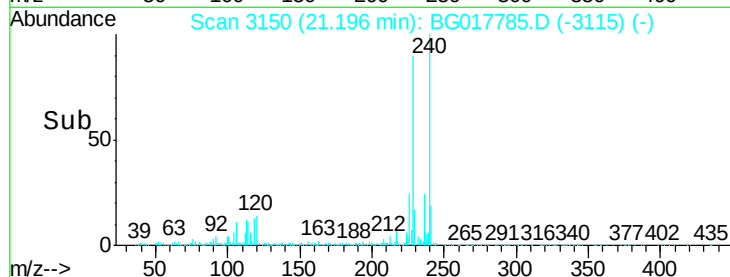
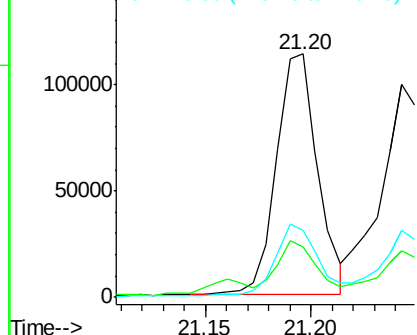
228 100

229 20.4 15.8 23.8

226 27.6 22.2 33.2



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



#84

Chrysene

Concen: 5.51 ng/ul

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

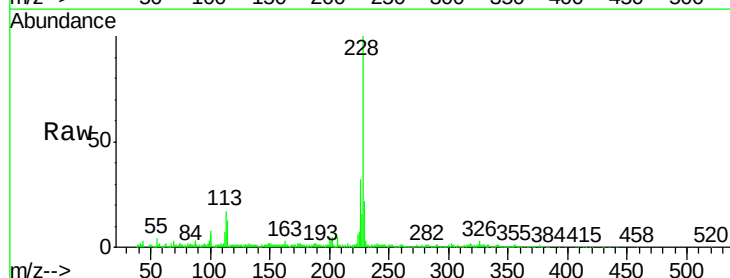
Tgt Ion:228 Resp: 147000

Ion Ratio Lower Upper

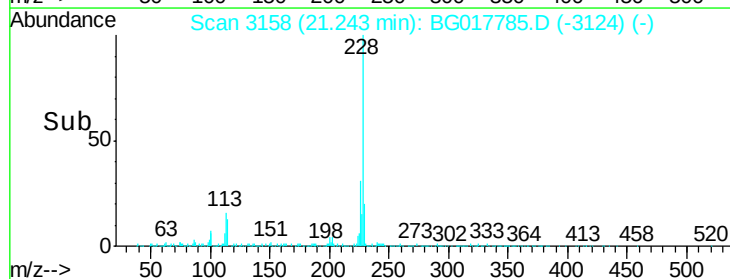
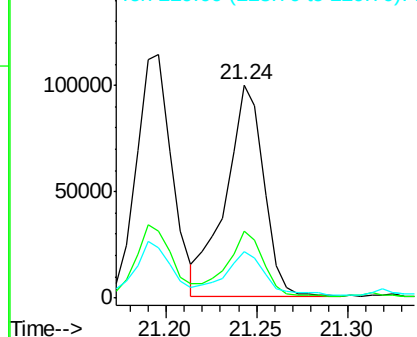
228 100

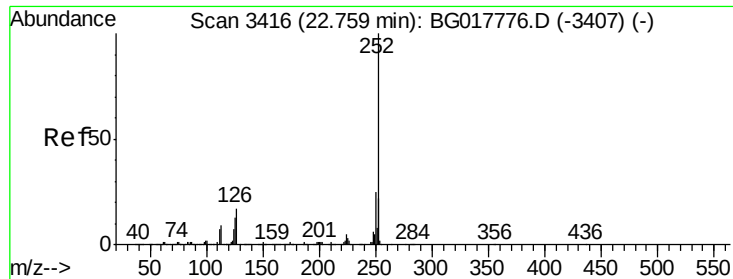
226 31.6 25.6 38.4

229 21.8 16.4 24.6



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





#87

Benzo(b)fluoranthene

Concen: 5.82 ng/ul

RT: 22.76 min Scan# 3417

Delta R.T. 0.01 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampled :

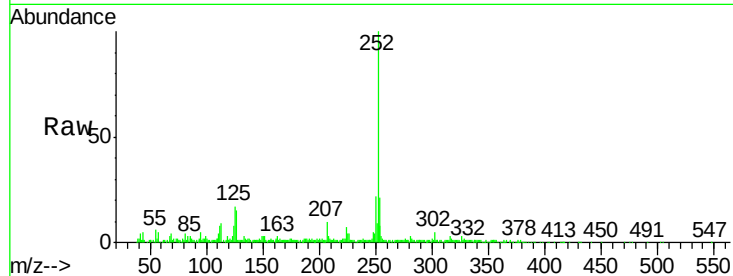
Tgt Ion:252 Resp: 171017

Ion Ratio Lower Upper

252 100

253 21.2 16.8 25.2

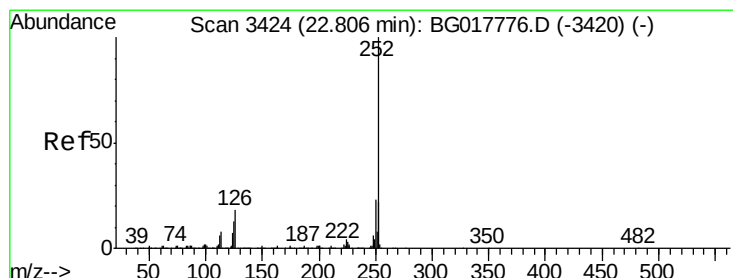
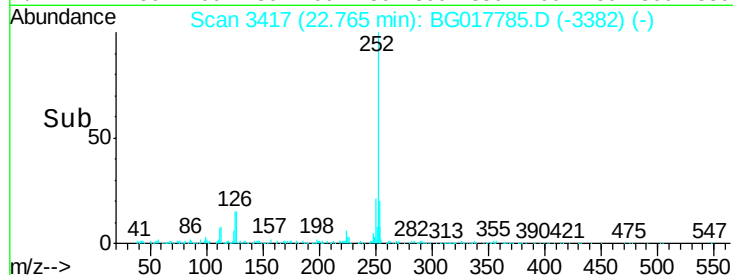
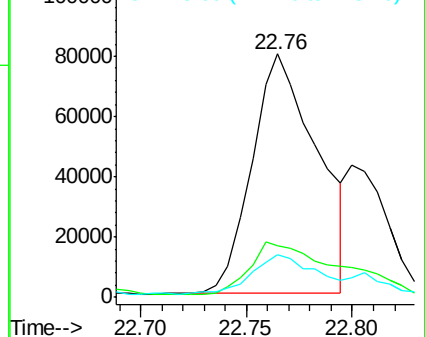
125 17.3 10.4 15.6#



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



#88

Benzo(k)fluoranthene

Concen: 2.12 ng/ul m

RT: 22.80 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

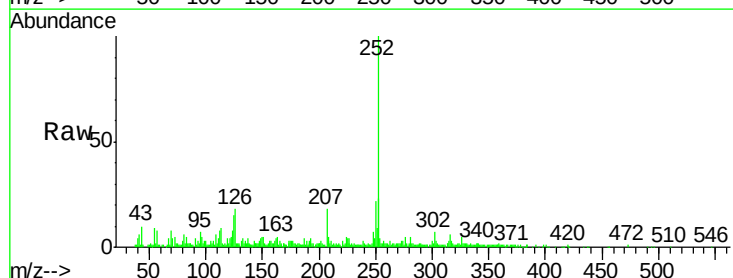
Tgt Ion:252 Resp: 58752

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

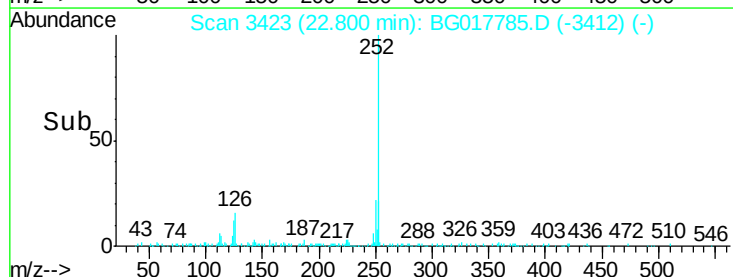
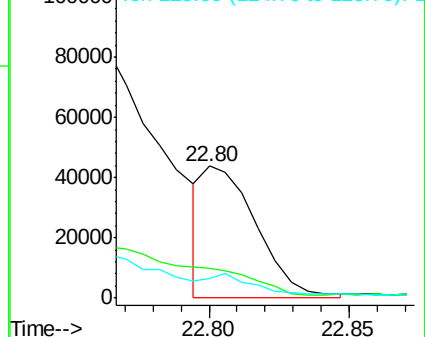
125 15.2 11.6 17.4

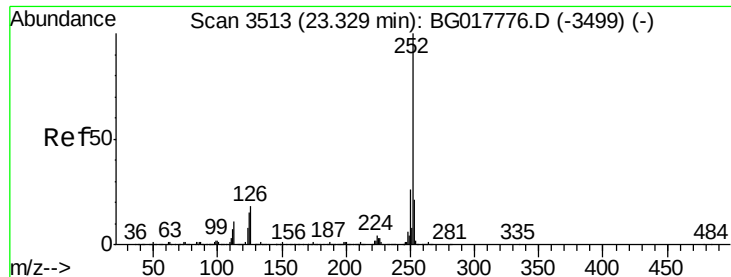


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.83 ng/ul

RT: 23.33 min Scan# 3514

Delta R.T. 0.01 min

Lab File: BG017785.D

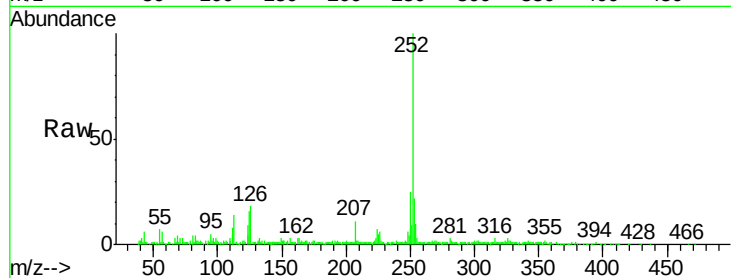
Acq: 7 Jul 2015 00:51

Instrument :

BNA_G

ClientSampleId :

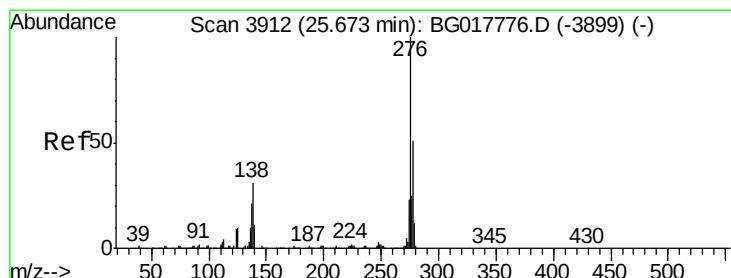
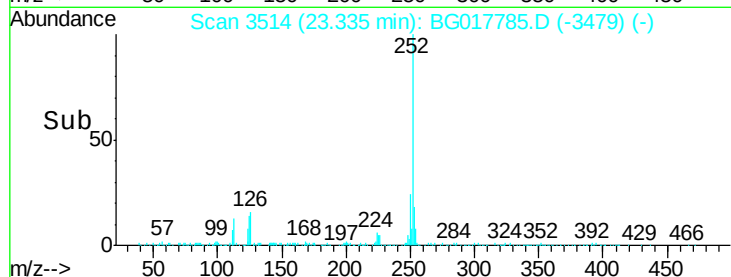
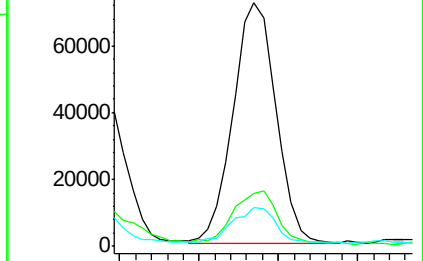
Tgt Ion:	252	Resp:	134902
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.3	27.5
125	16.0	12.1	18.1



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.73 ng/ul

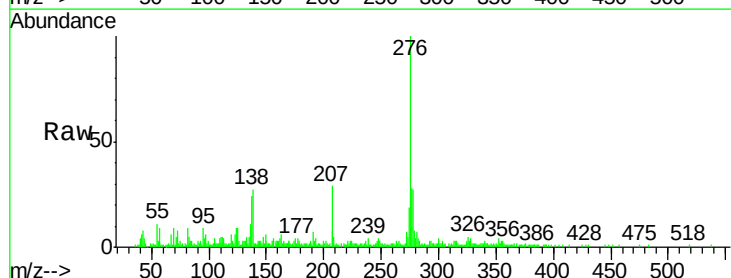
RT: 25.68 min Scan# 3914

Delta R.T. 0.01 min

Lab File: BG017785.D

Acq: 7 Jul 2015 00:51

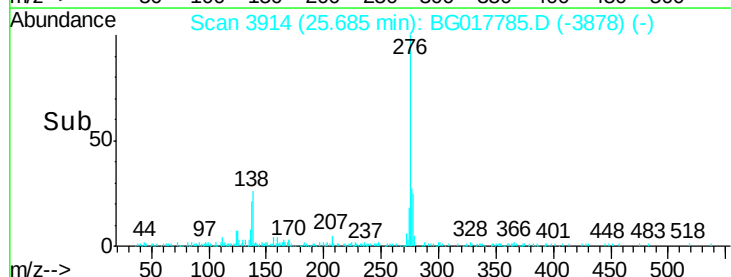
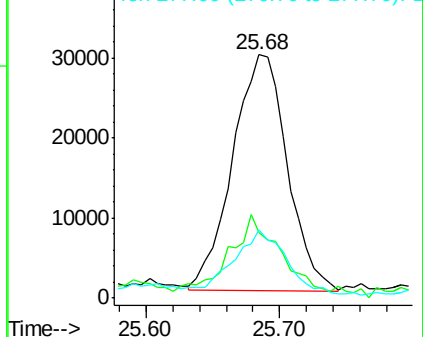
Tgt Ion:	276	Resp:	83443
Ion Ratio	Lower	Upper	
276	100		
138	27.0	26.1	39.1
277	28.0	20.9	31.3

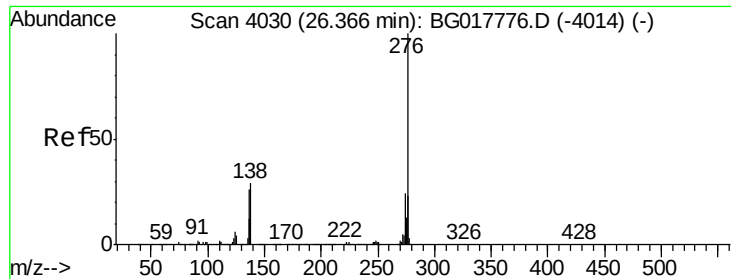


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 3.62 ng/ul

RT: 26.38 min Scan# 4032

Delta R.T. 0.01 min

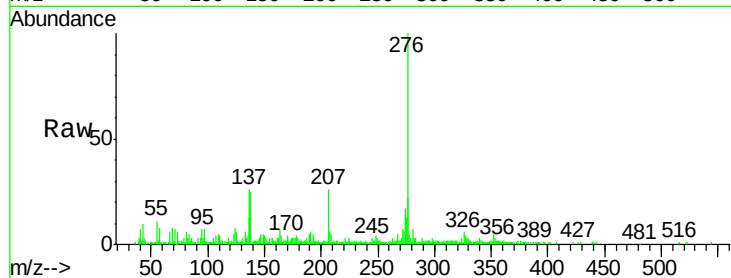
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Tgt Ion:	276	Resp:	92348
Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.1	37.7#
277	22.4	18.7	28.1

