Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009605.D
Acq On : 06 Apr 2017 21:59
Operator : SJ/MA
Sample : I2525-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB344

Quant Time: Apr 07 03:20:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	149025	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	582503	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	327013	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	771021	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1032745	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1009592	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	152662	17.04	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1062337	33.15	ng/ul	0.00
10) Fluorene-d10	15.48	176	761391	33.03	ng/ul	0.00
15) Anthracene-d10	17.23	188	771021	20.90	ng/ul	-0.10
19) Pyrene-d10	19.63	212	1471615	34.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1510884	33.90	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.20	152	80115	2.49	ng/ul#	90
14) Phenanthrene	17.27	178	375886	8.67	ng/ul	97
16) Anthracene	17.37	178	98451	2.20	ng/ul	99
17) Fluoranthene	19.29	202	882403	16.35	ng/ul	97
20) Pyrene	19.66	202	862036	15.33	ng/ul	95
21) Benzo(a)anthracene	21.40	228	576320	9.87	ng/ul	99
22) Chrysene	21.45	228	571862	10.68	ng/ul	96
24) Benzo(b)fluoranthene	23.04	252	965928	15.47	ng/ul#	93
25) Benzo(k)fluoranthene	23.22	252	155166	2.61	ng/ul	96
27) Benzo(a)pyrene	23.64	252	660285	11.12	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.10	276	548243	8.24	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	141416	2.50	ng/ul	95
30) Benzo(g,h,i)perylene	26.83	276	507904	9.26	ng/ul#	93

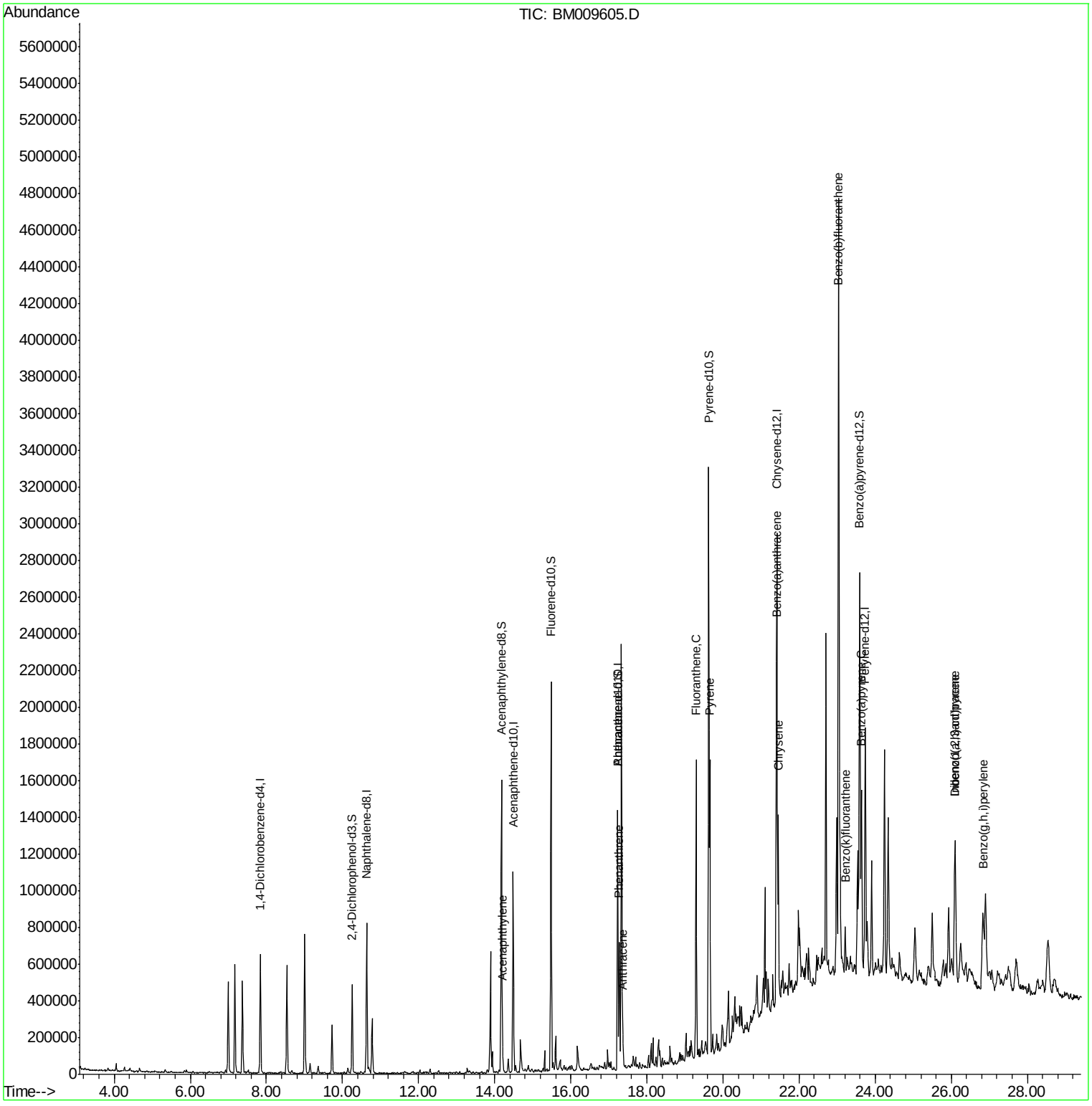
(#) = qualifier out of range (m) = manual integration (+) = signals summed

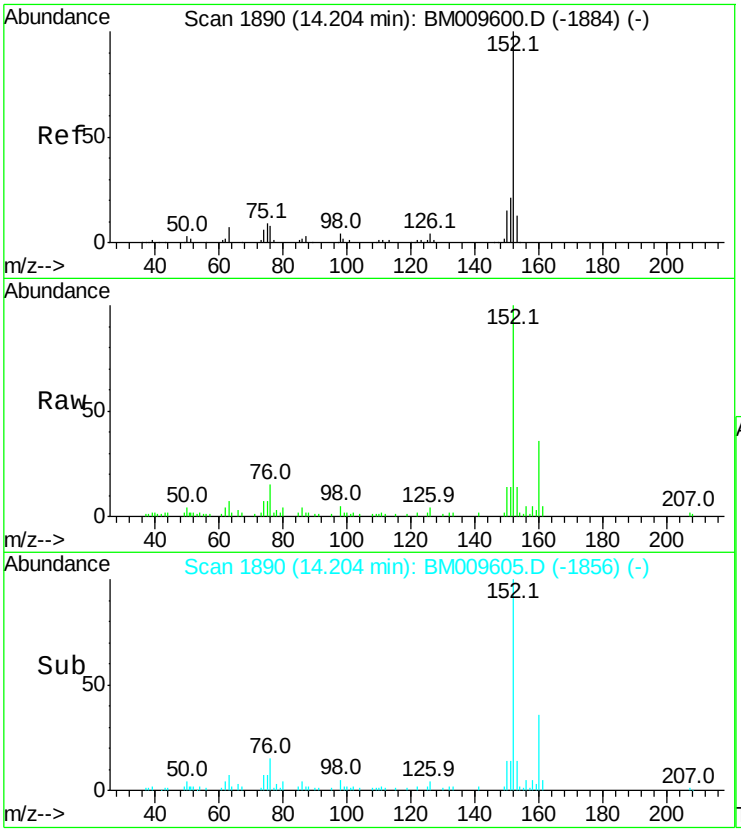
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009605.D
Acq On : 06 Apr 2017 21:59
Operator : SJ/MA
Sample : I2525-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB344

Quant Time: Apr 07 03:20:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration



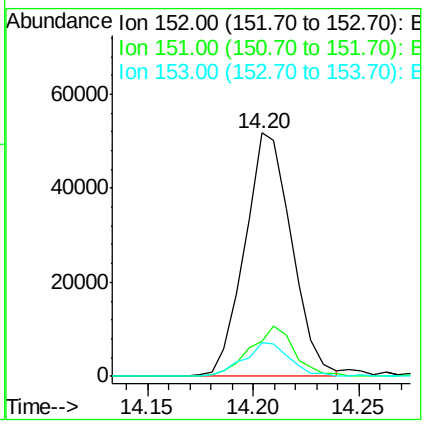


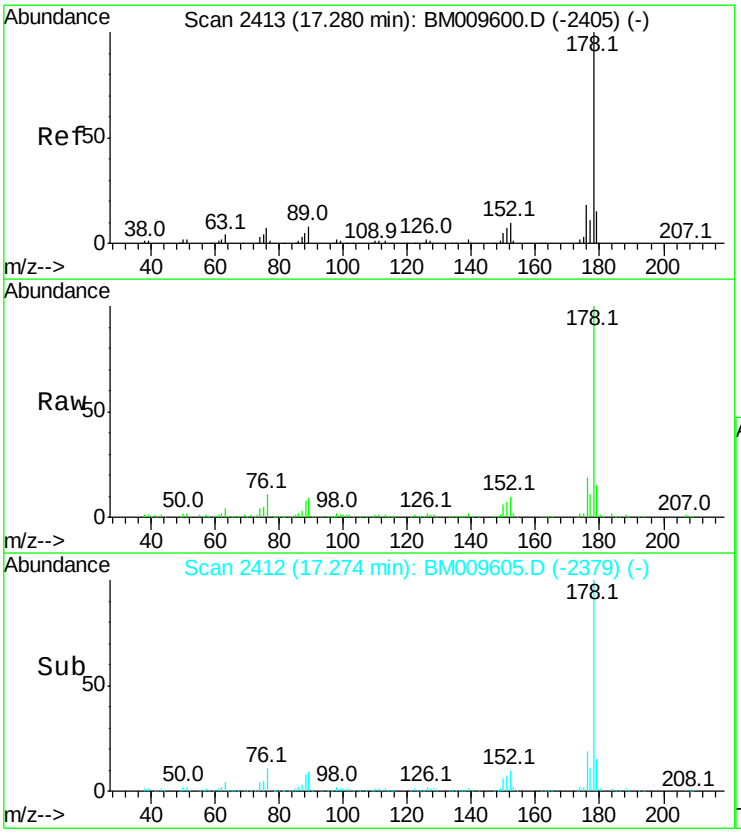
#8
Acenaphthylene
Concen: 2.49 ng/ul
RT: 14.20 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:152 Resp: 80115

Ion	Ratio	Lower	Upper
152	100		
151	14.5	17.5	26.3#
153	14.1	10.6	16.0

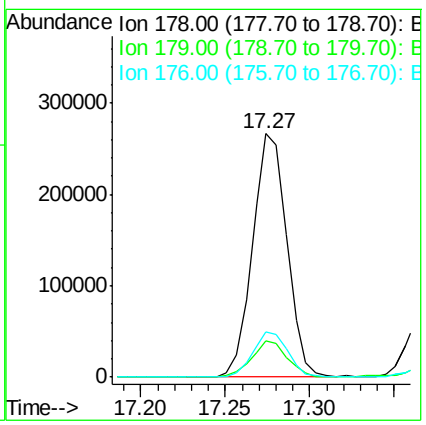


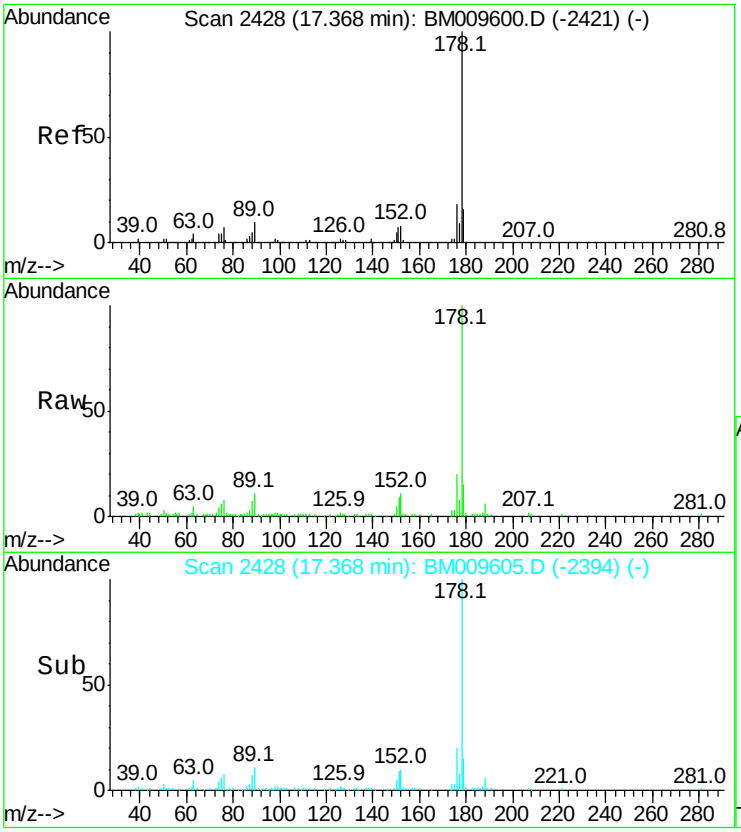


#14
Phenanthrene
Concen: 8.67 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:178 Resp: 375886

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.6	16.4	24.6



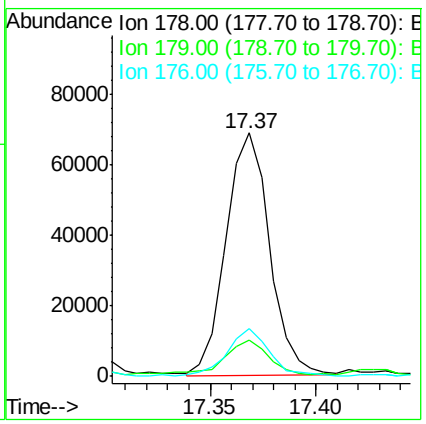


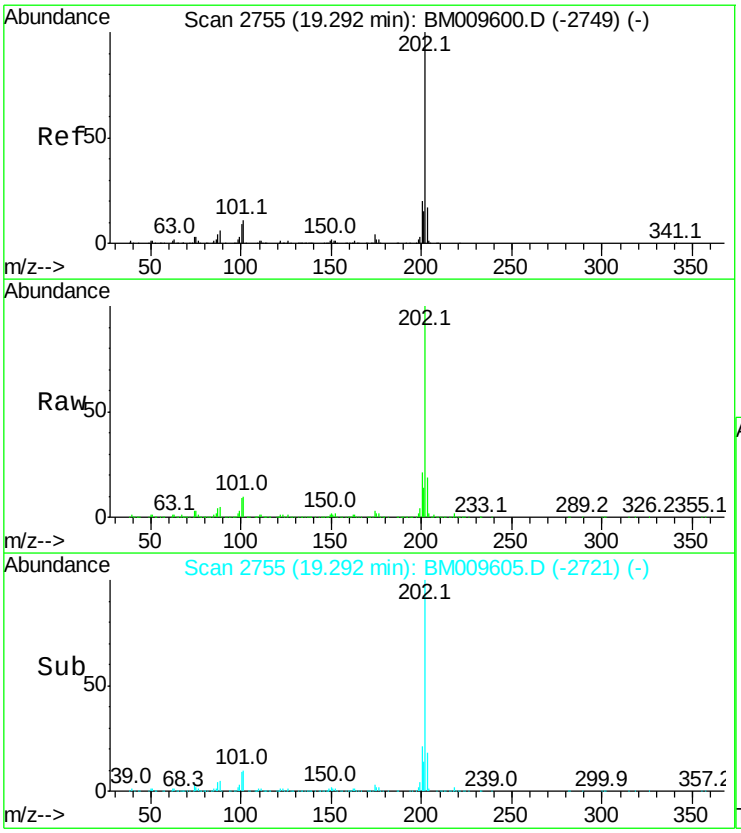
#16
Anthracene
Concen: 2.20 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:178 Resp: 98451

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.7	19.1
176	19.9	15.8	23.8

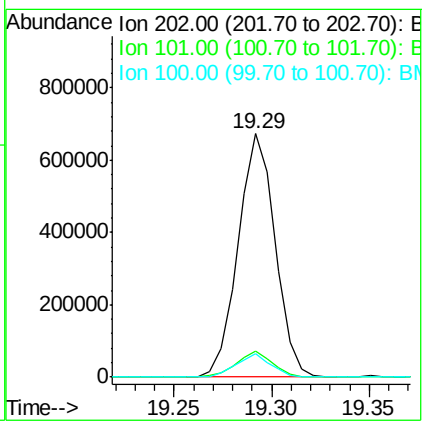


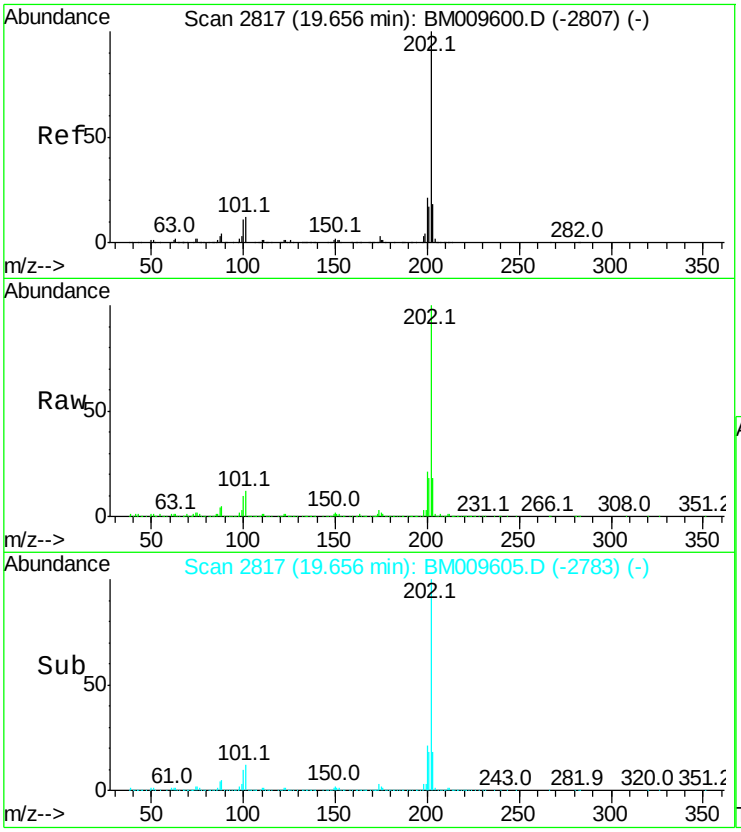


#17
Fluoranthene
Concen: 16.35 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:202 Resp: 882403

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
100	9.4	7.5	11.3



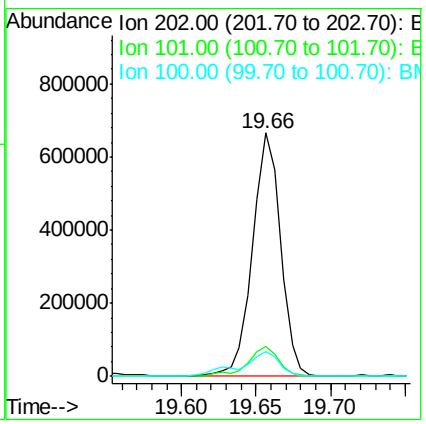


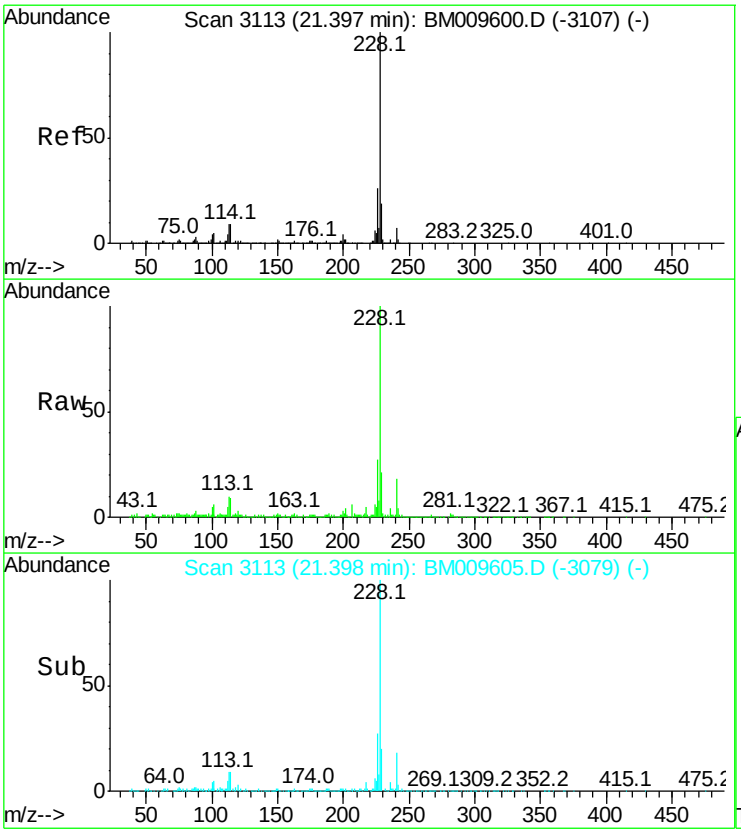
#20
Pyrene
Concen: 15.33 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:202 Resp: 862036

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.2	16.8
100	10.1	9.8	14.6

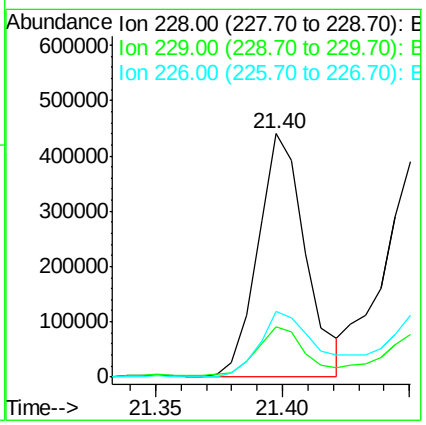


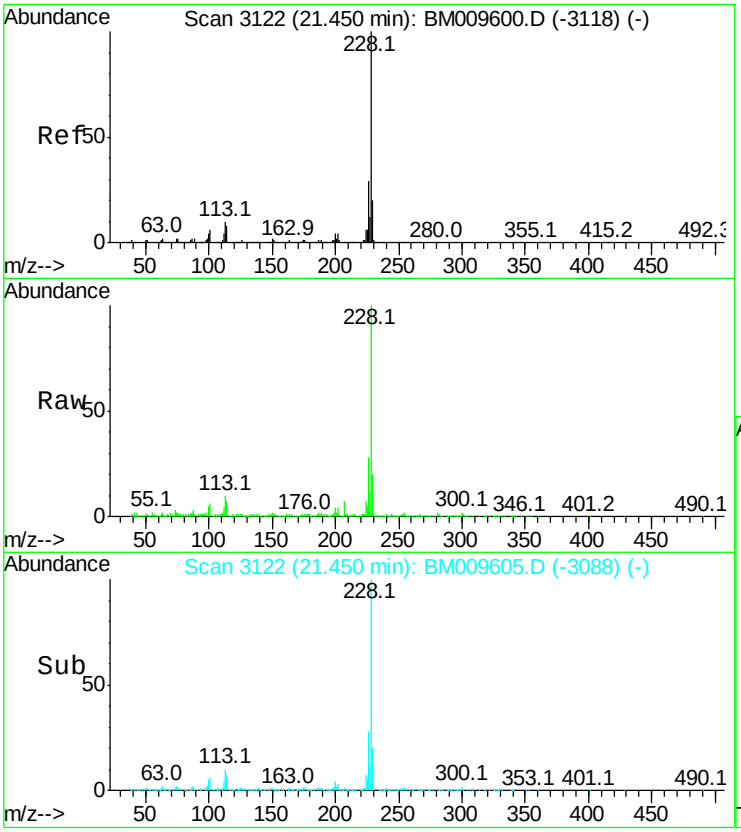


#21
Benzo(a)anthracene
Concen: 9.87 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:228 Resp: 576320

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	27.0	22.1	33.1



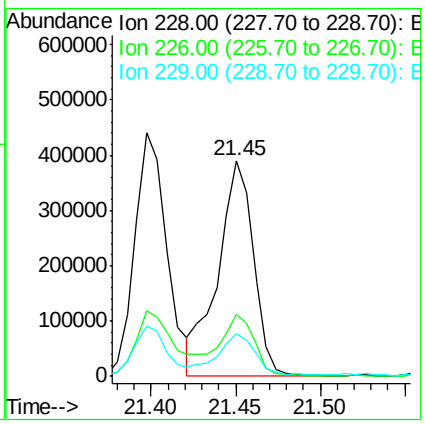


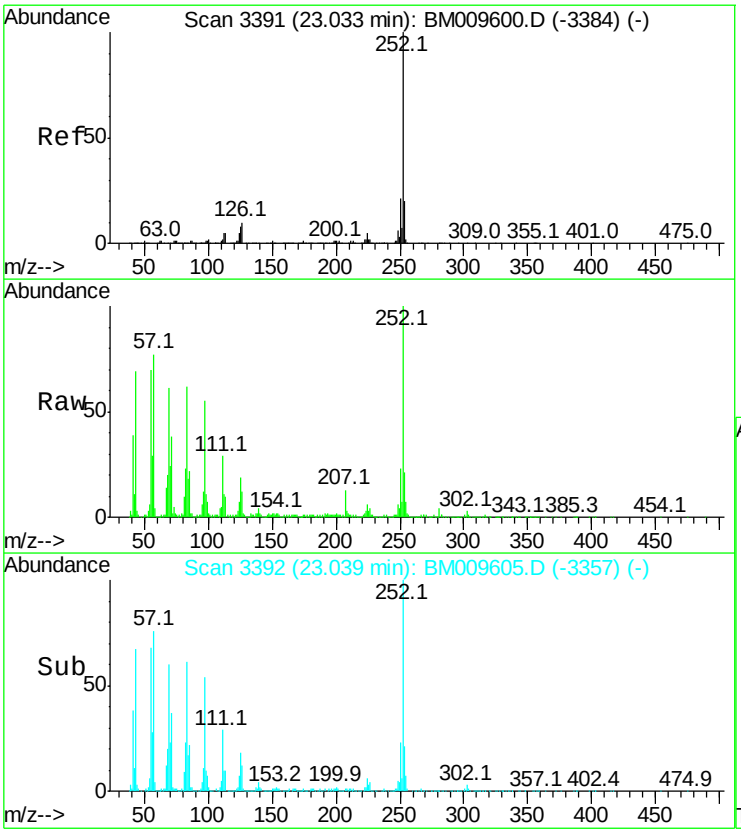
#22
Chrysene
Concen: 10.68 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:228 Resp: 571862

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	20.0	16.6	25.0

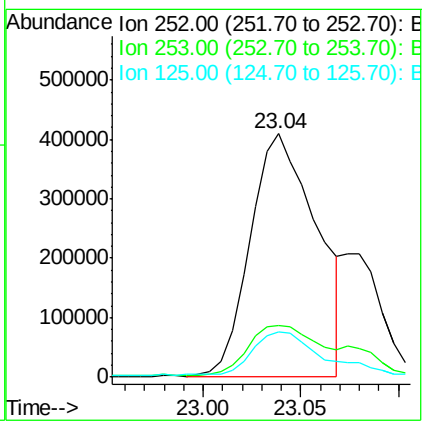


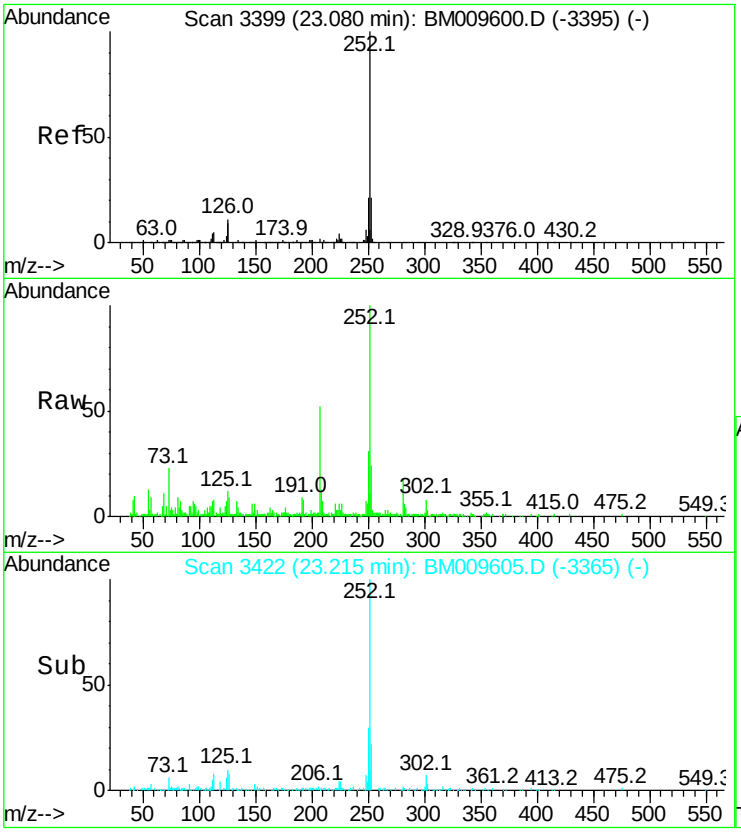


#24
Benzo(b)fluoranthene
Concen: 15.47 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:252 Resp: 965928

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	18.6	9.4	14.0#



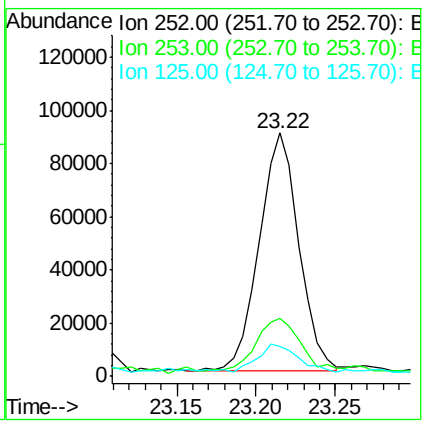


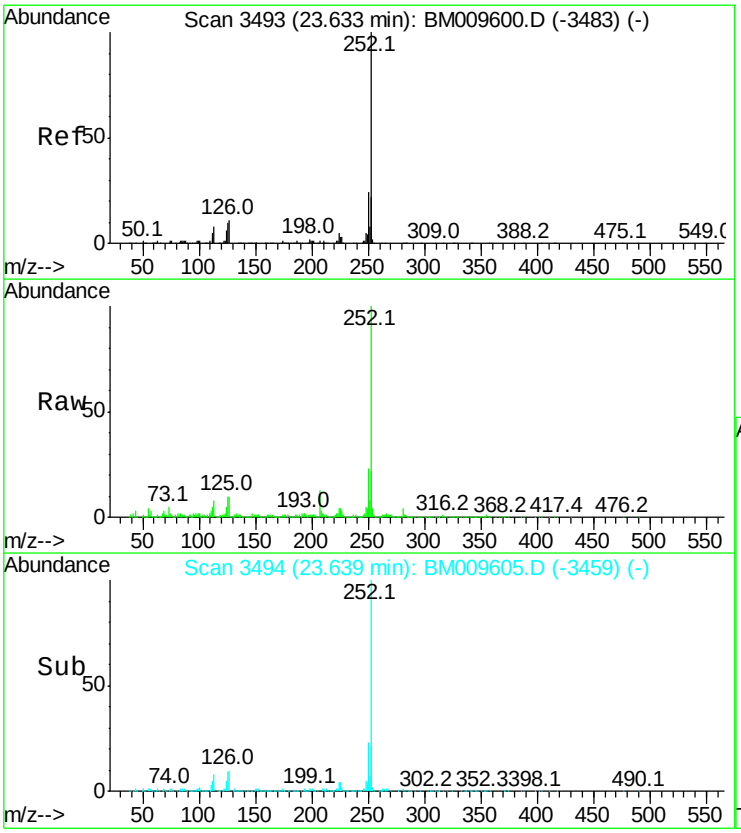
#25
Benzo(k)fluoranthene
Concen: 2.61 ng/ul
RT: 23.22 min Scan# 3422
Delta R.T. 0.14 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:252 Resp: 155166

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.2
125	12.5	8.8	13.2

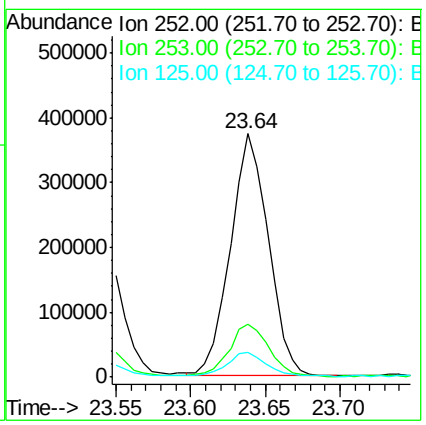


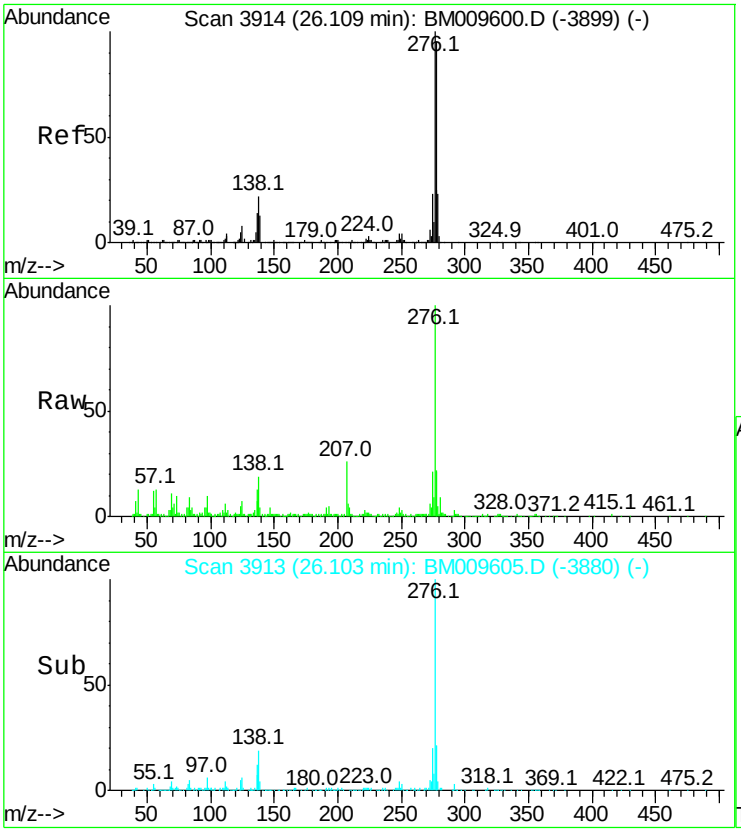


#27
Benzo(a)pyrene
Concen: 11.12 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:252 Resp: 660285

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.0	9.4	14.2



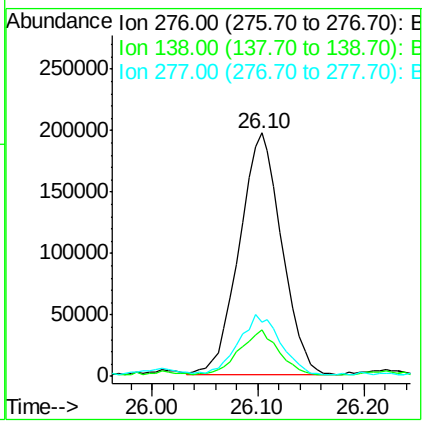


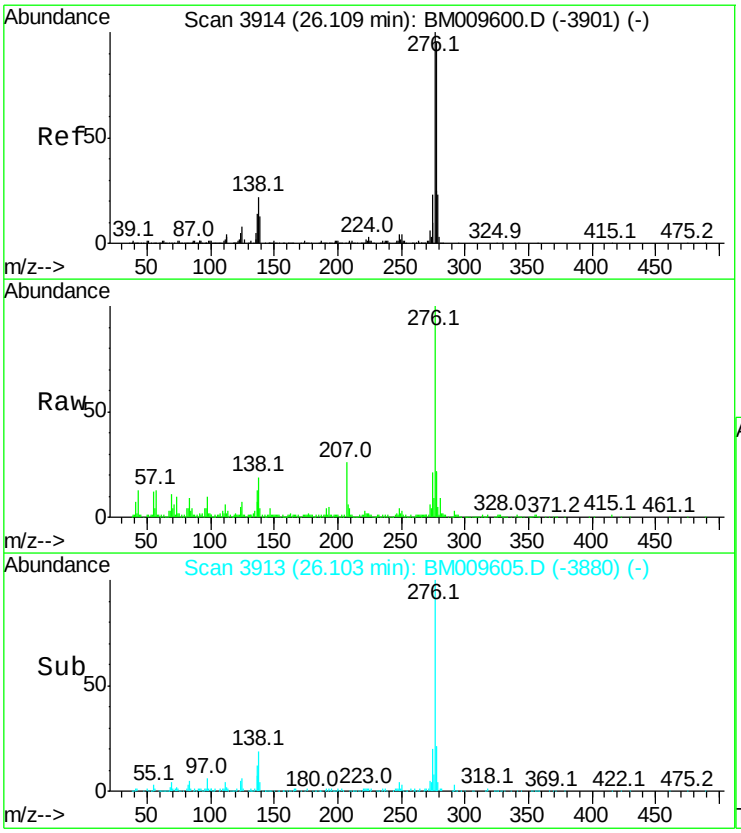
#28
Indeno(1,2,3-cd)pyrene
Concen: 8.24 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:276 Resp: 548243

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.8	26.6
277	22.1	19.4	29.0

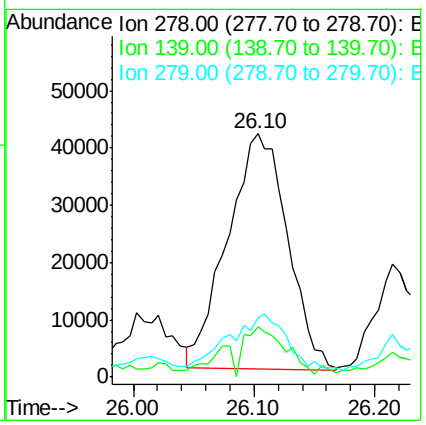


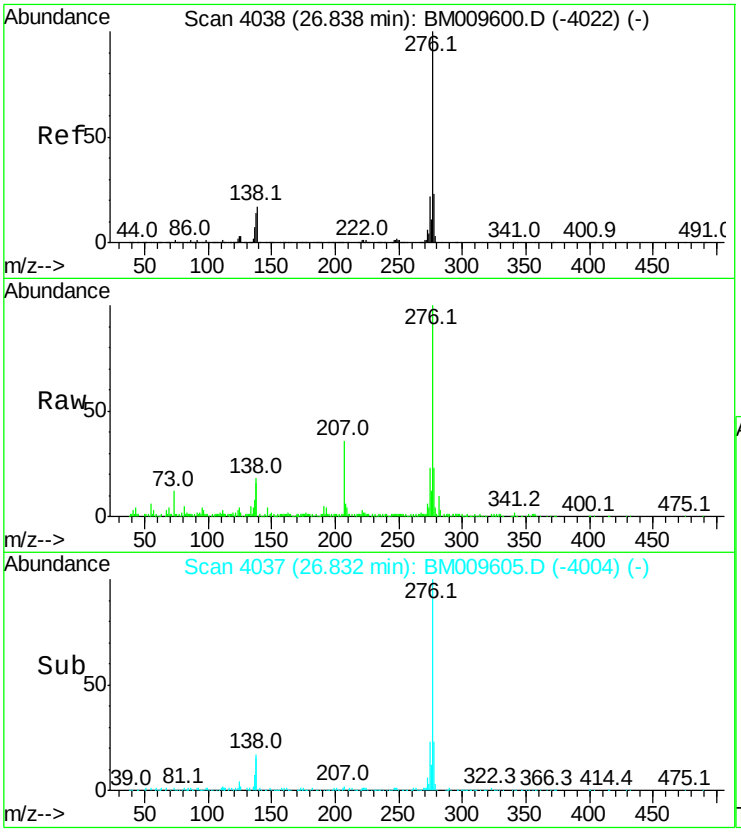


#29
Dibenzo(a,h)anthracene
Concen: 2.50 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Tgt Ion:278 Resp: 141416

Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.0	21.0
279	24.1	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 9.26 ng/ul
RT: 26.83 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BM009605.D
Acq: 06 Apr 2017 21:59

Instrument :
BNA_M
ClientSampleId :
CB344

Tgt Ion:276 Resp: 507904

Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.0	28.4#
277	23.4	19.7	29.5