Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046391.D
Acq On : 20 Aug 2020 23:18
Operator : CG/JU
Sample : L3634-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 00:39:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93831	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	374224	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236113	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	511660	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	526084	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	567072	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	192814	29.92	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	658246	30.29	ng/ul	0.00
10) Fluorene-d10	15.56	176	501709	30.13	ng/ul	0.00
15) Anthracene-d10	17.41	188	724136	30.53	ng/ul	0.00
19) Pyrene-d10	19.70	212	850869	31.42	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	991484	32.04	ng/ul	0.02
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	43715	1.979	ng/ul	96
14) Phenanthrene	17.35	178	612040	21.743	ng/ul	99
16) Anthracene	17.45	178	78871	2.777	ng/ul	97
17) Fluoranthene	19.36	202	1198888	38.197	ng/ul	98
20) Pyrene	19.73	202	1163962	33.706	ng/ul	98
21) Benzo(a)anthracene	21.54	228	612887	17.906	ng/ul	98
22) Chrysene	21.61	228	708447	21.410	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	951765	25.381	ng/ul	99
25) Benzo(k)fluoranthene	23.70	252	951765	25.586	ng/ul	99
27) Benzo(a)pyrene	24.53	252	629505	18.285	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.19	276	431081	10.000	ng/ul	98
29) Dibenzo(a,h)anthracene	28.23	278	106522	3.048	ng/ul	94
30) Benzo(g,h,i)perylene	29.29	276	270182	7.489	ng/ul	99

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

Quantitation Report (Not Reviewed)

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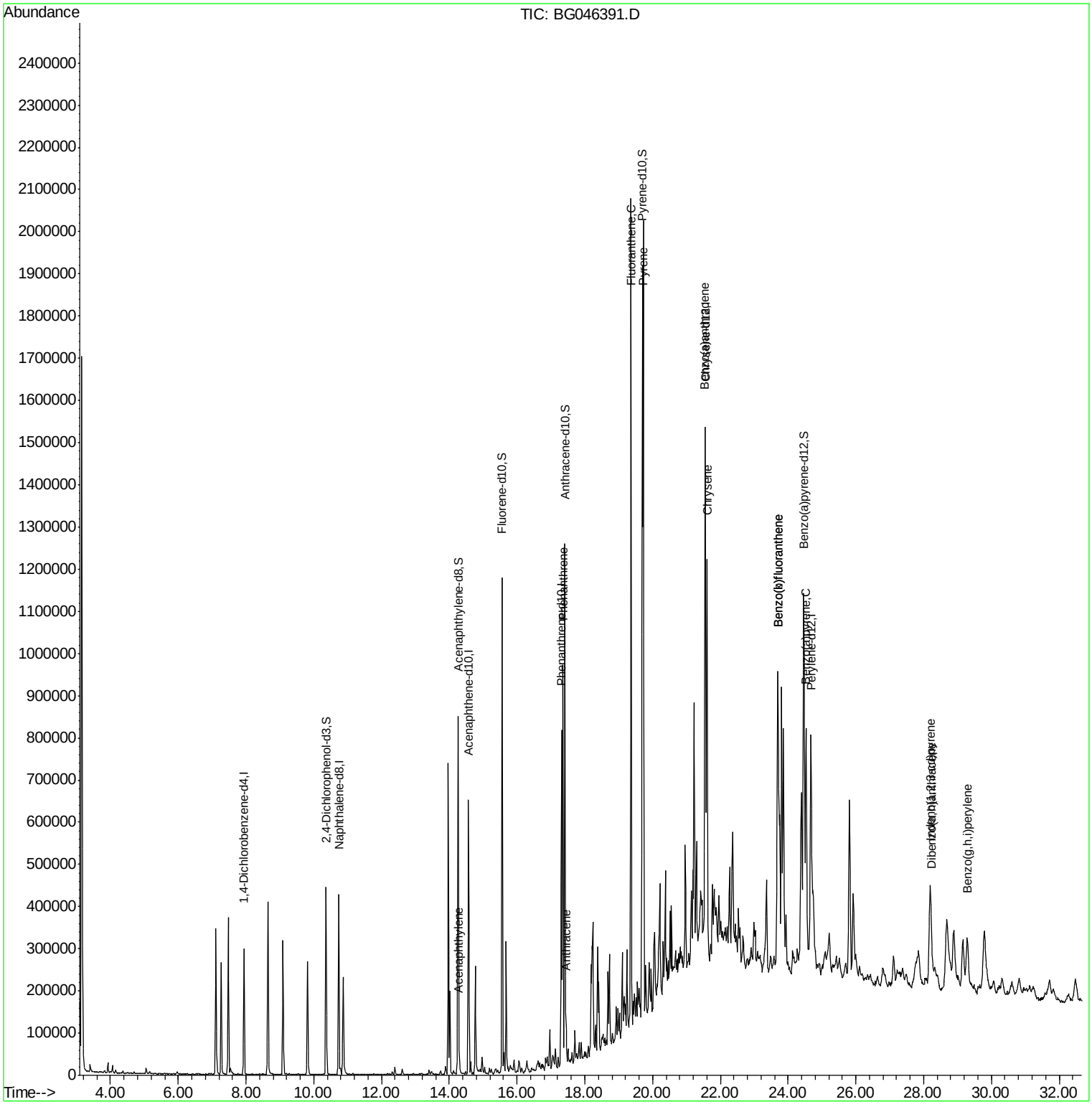
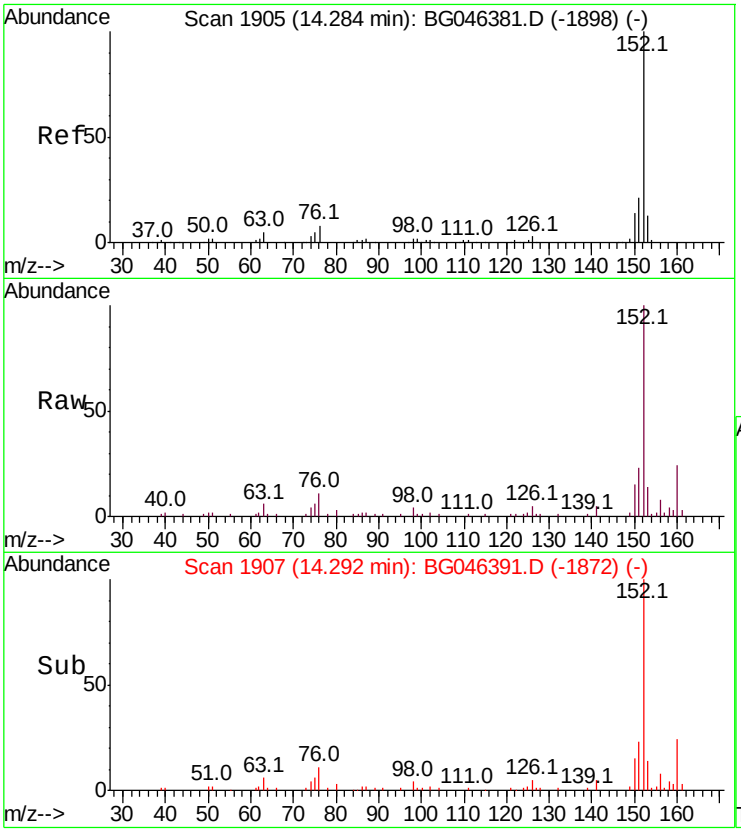
Acq On : 20 Aug 2020 23:18
Operator : CG/JU
Sample : L3634-09
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 21 00:39:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration



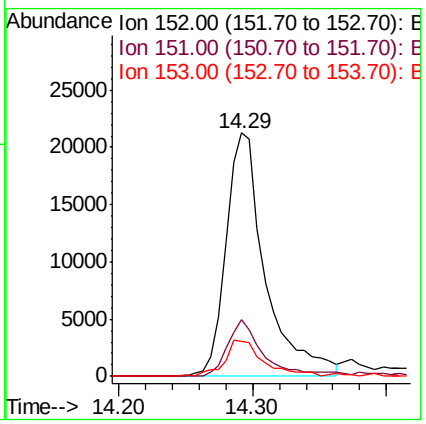


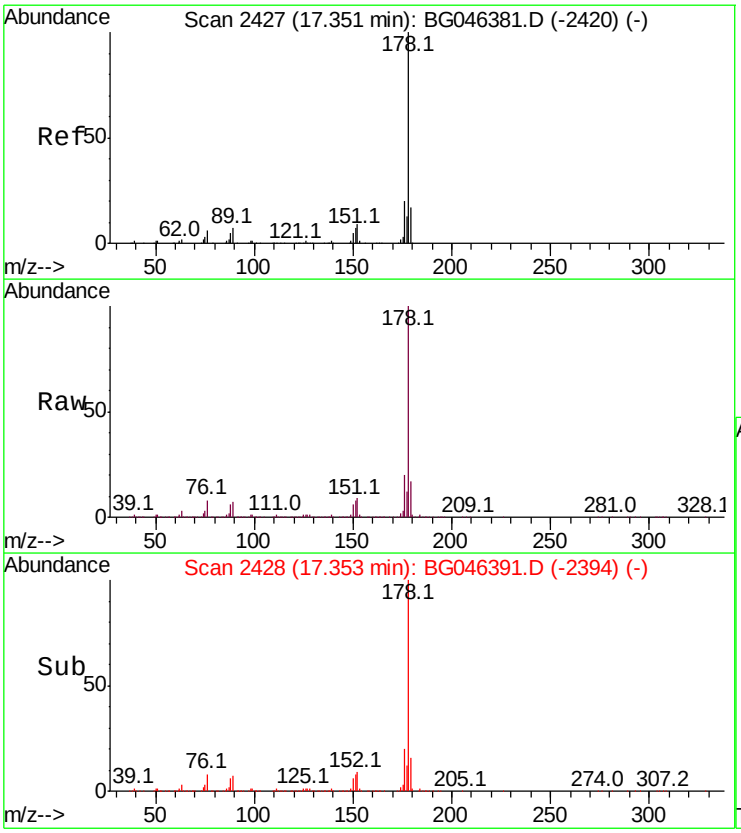
#8
Acenaphthylene
Concen: 1.979 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43715

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.5	24.7
153	14.3	11.0	16.6

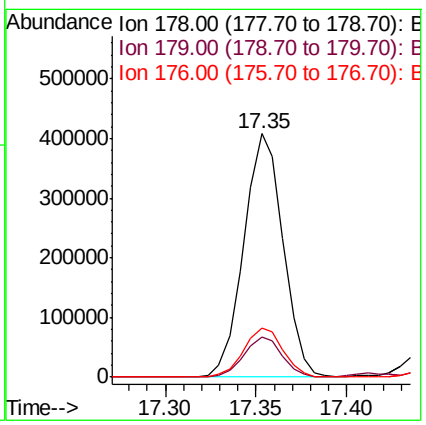


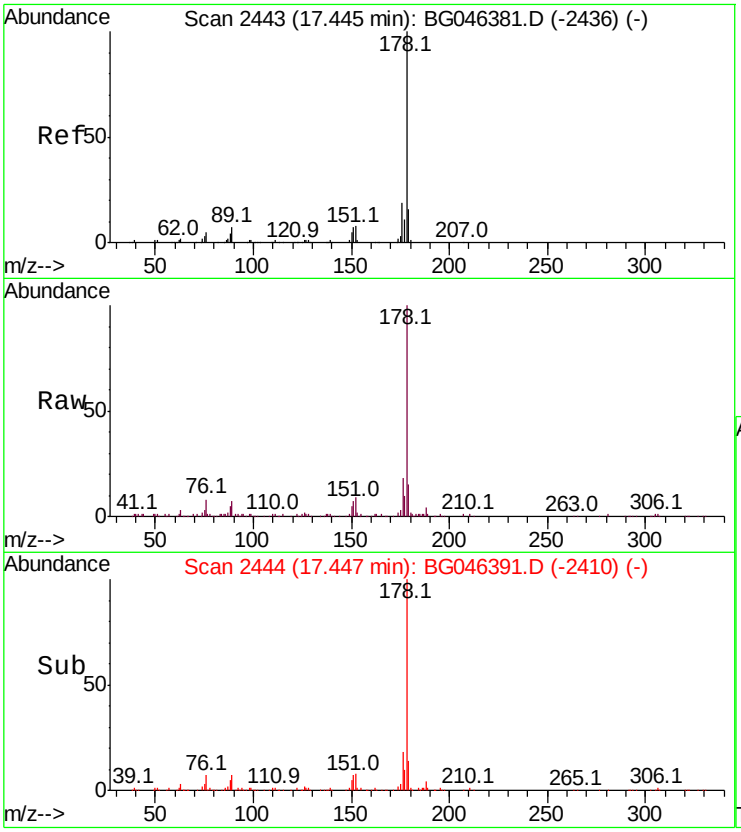


#14
Phenanthrene
Concen: 21.743 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:178 Resp: 612040

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	20.2	15.8	23.8



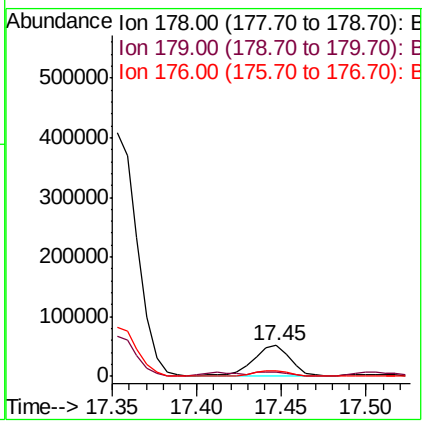


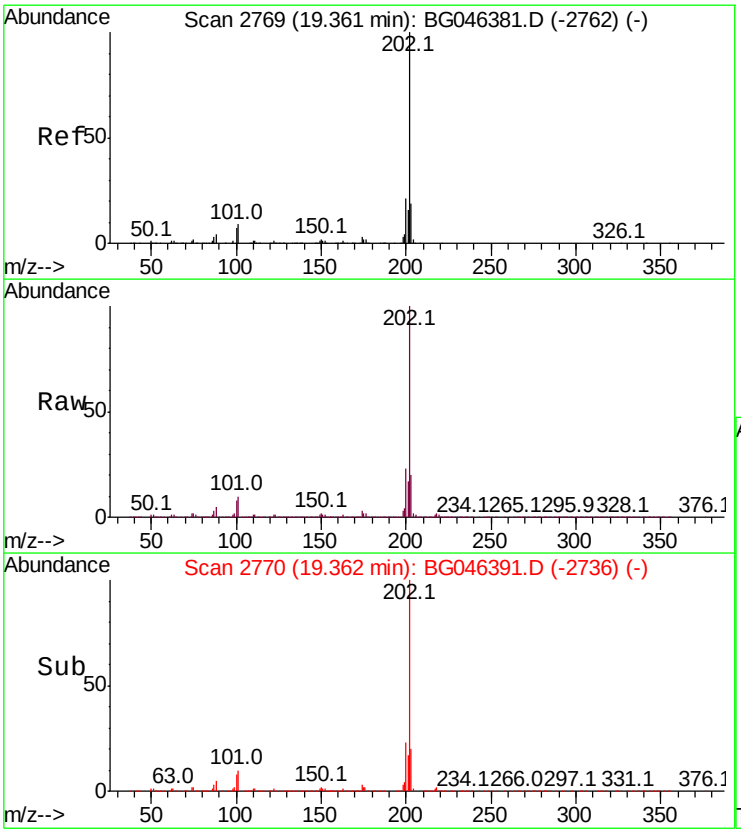
#16
Anthracene
Concen: 2.777 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 78871

Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.2	19.8
176	18.0	15.2	22.8

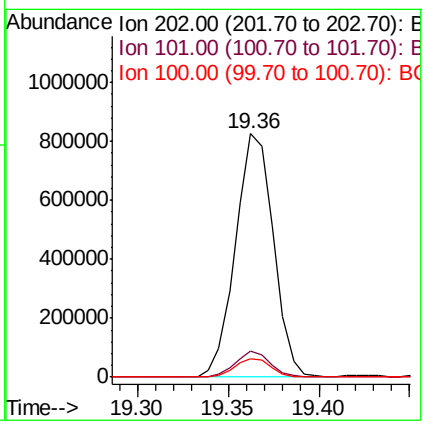


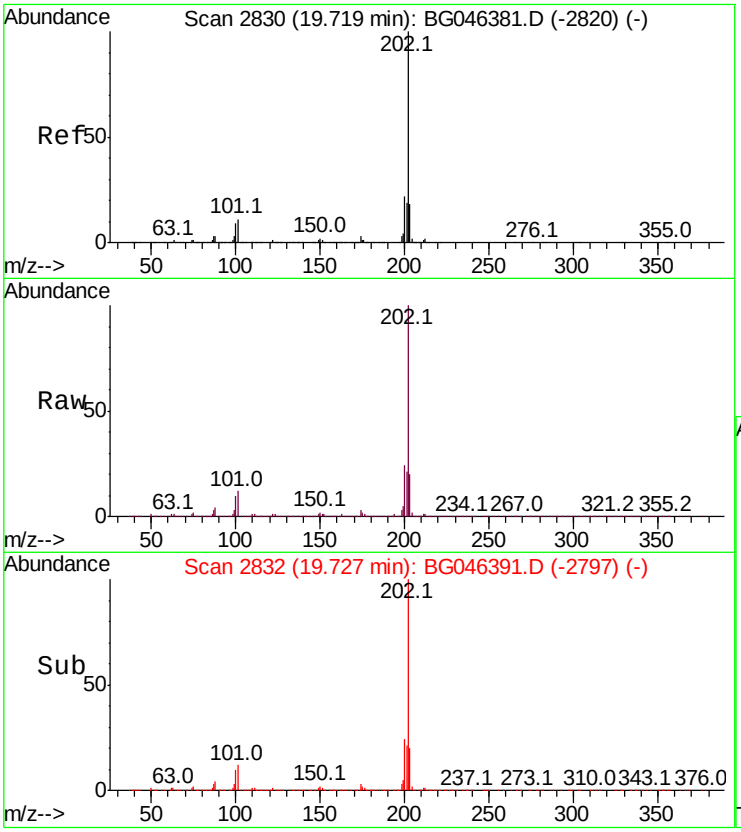


#17
Fluoranthene
Concen: 38.197 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:202 Resp: 1198888

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.8	11.6
100	7.8	5.9	8.9



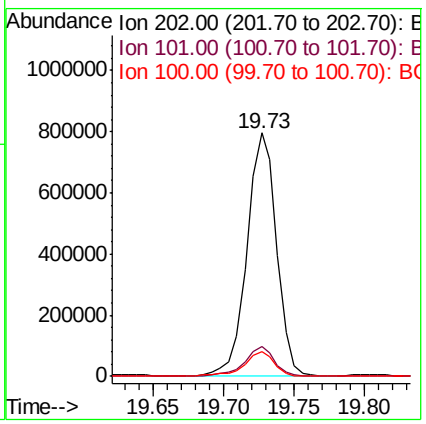


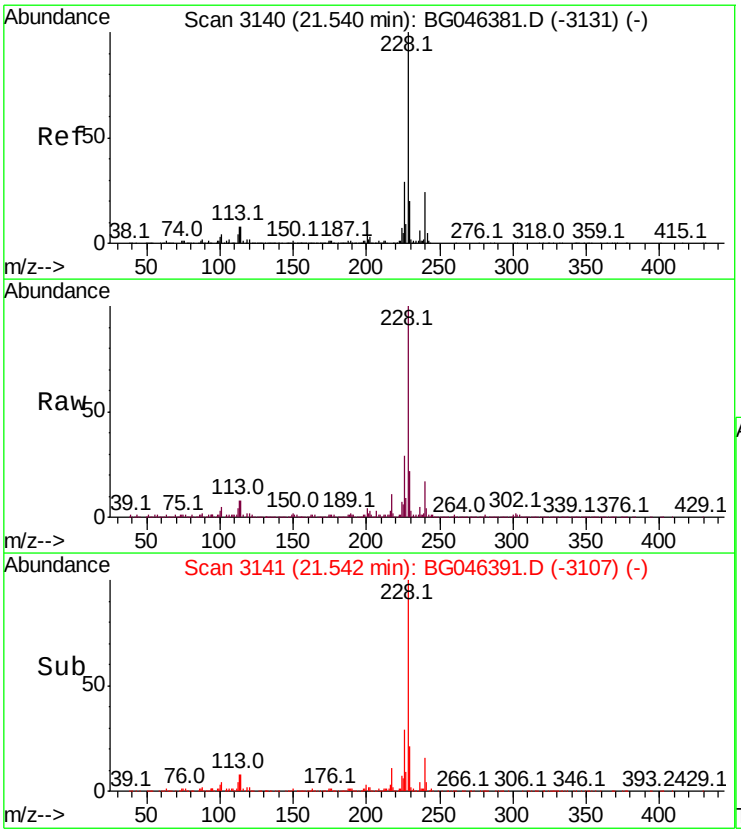
#20
Pyrene
Concen: 33.706 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1163962

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.1	7.9	11.9

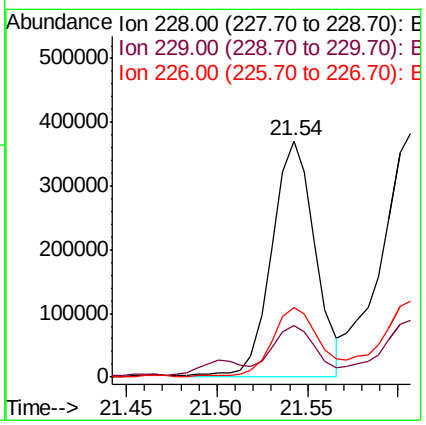


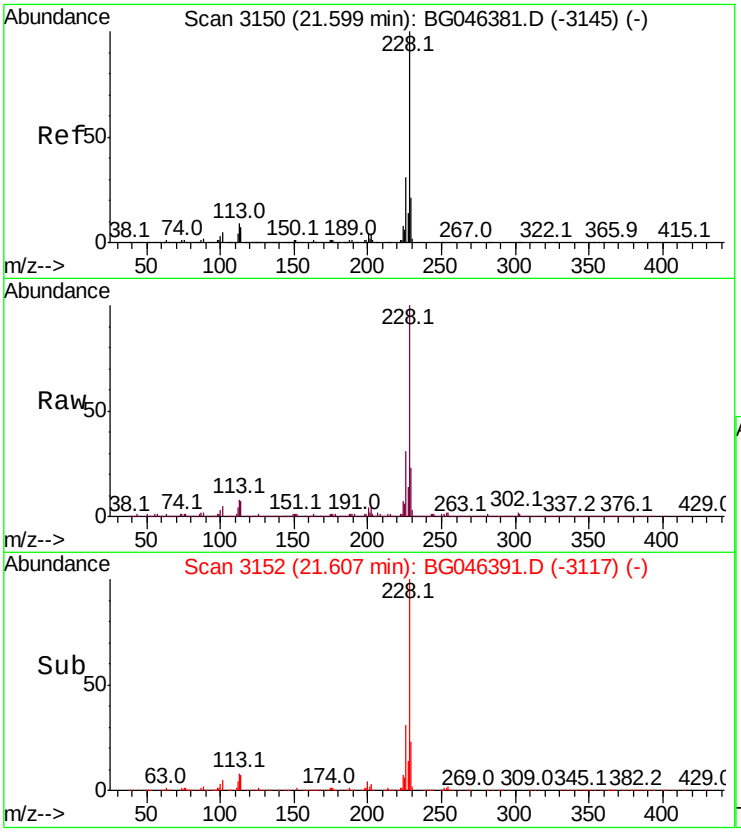


#21
Benzo(a)anthracene
Concen: 17.906 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:228 Resp: 612887

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	29.3	22.6	33.8



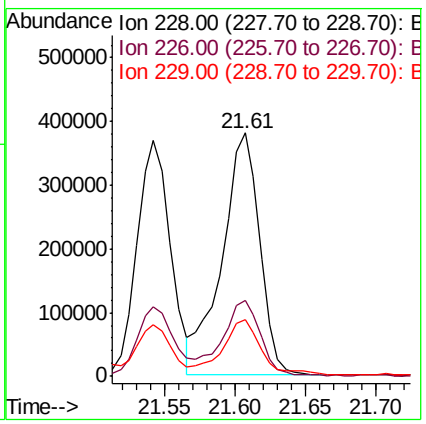


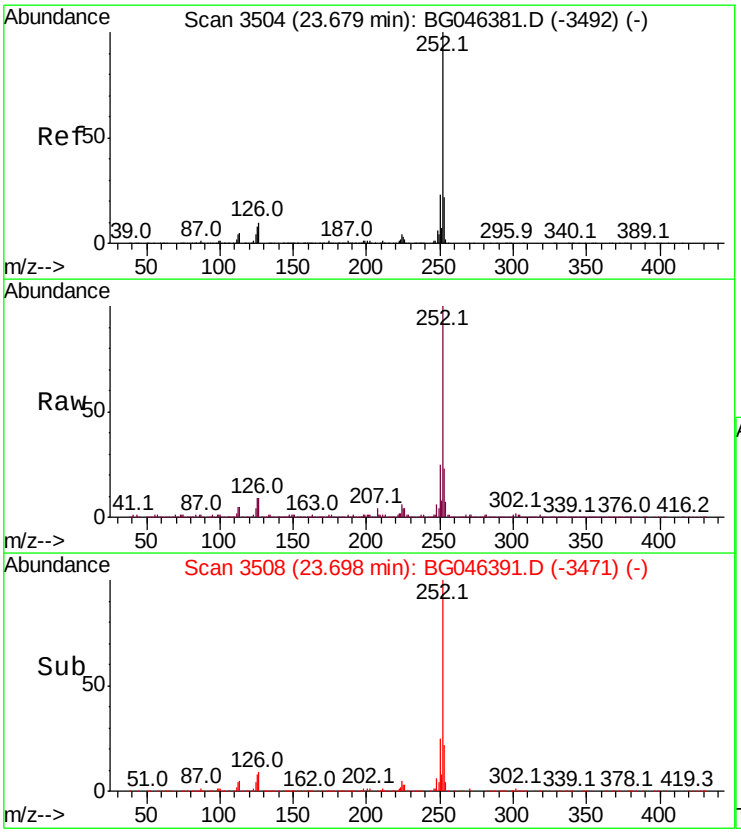
#22
Chrysene
Concen: 21.410 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 708447

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	23.1	17.0	25.4

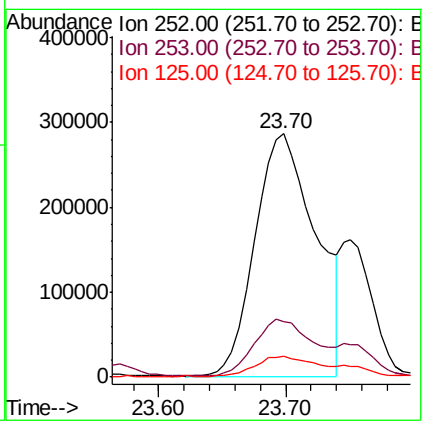


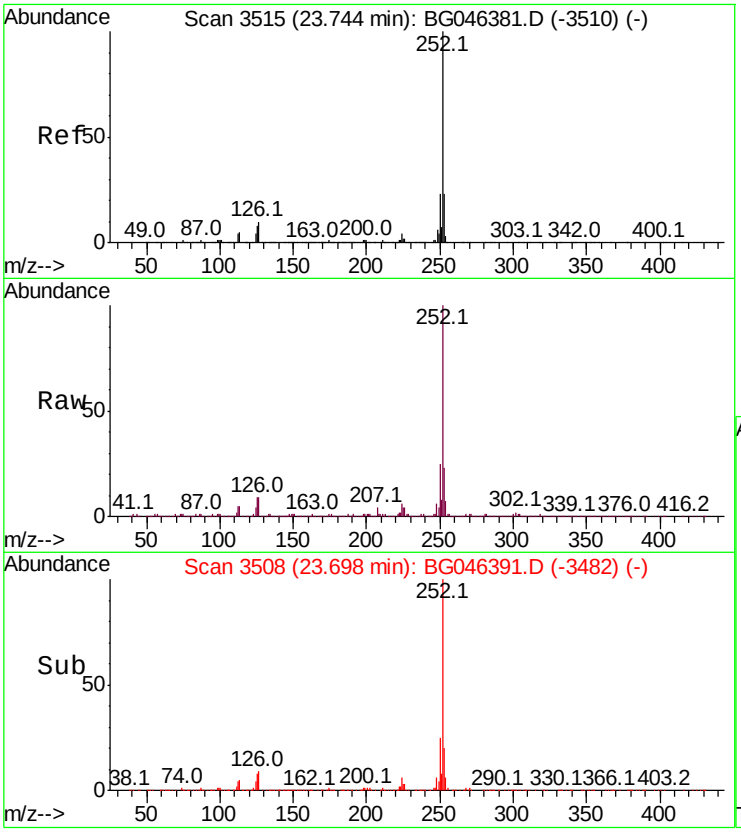


#24
Benzo(b)fluoranthene
Concen: 25.381 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. 0.02 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:252 Resp: 951765

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.6	6.4	9.6



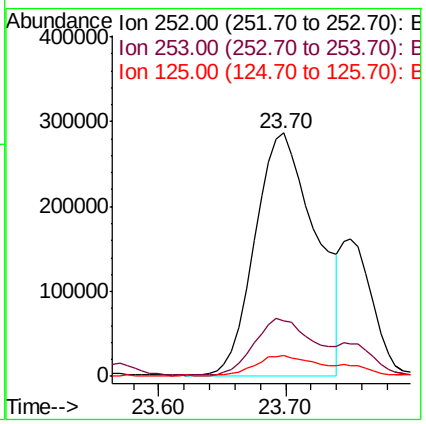


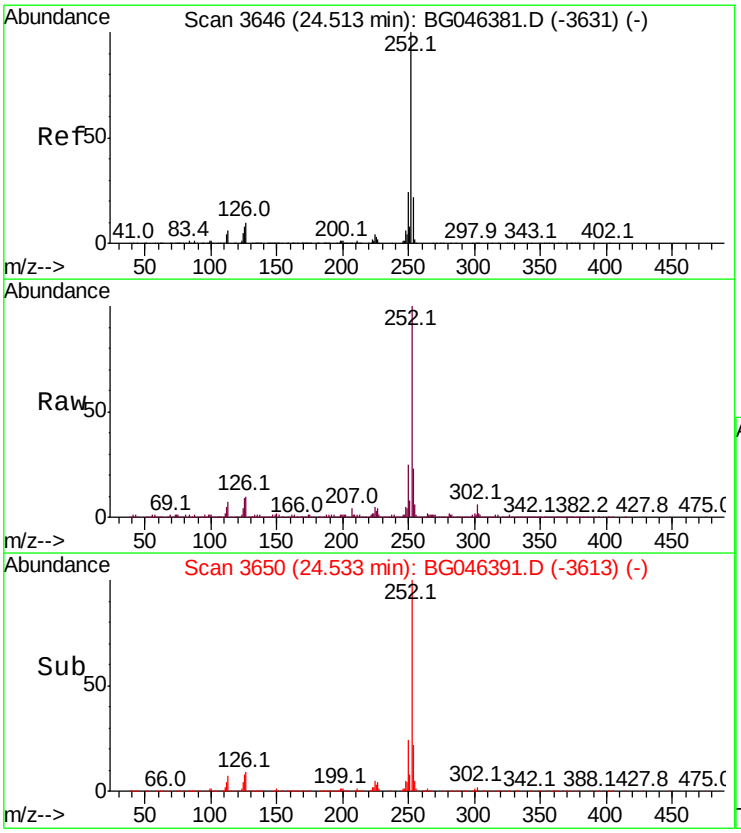
#25
Benzo(k)fluoranthene
Concen: 25.586 ng/ul
RT: 23.70 min Scan# 3508
Delta R.T. -0.05 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 951765

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	8.6	6.2	9.2

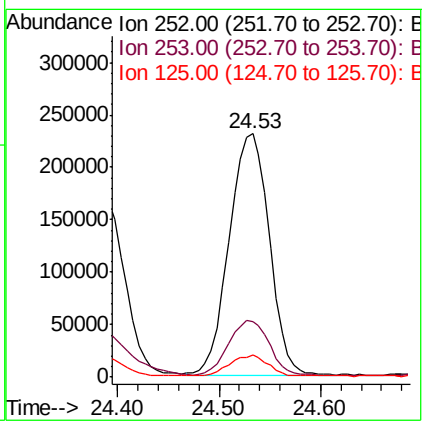


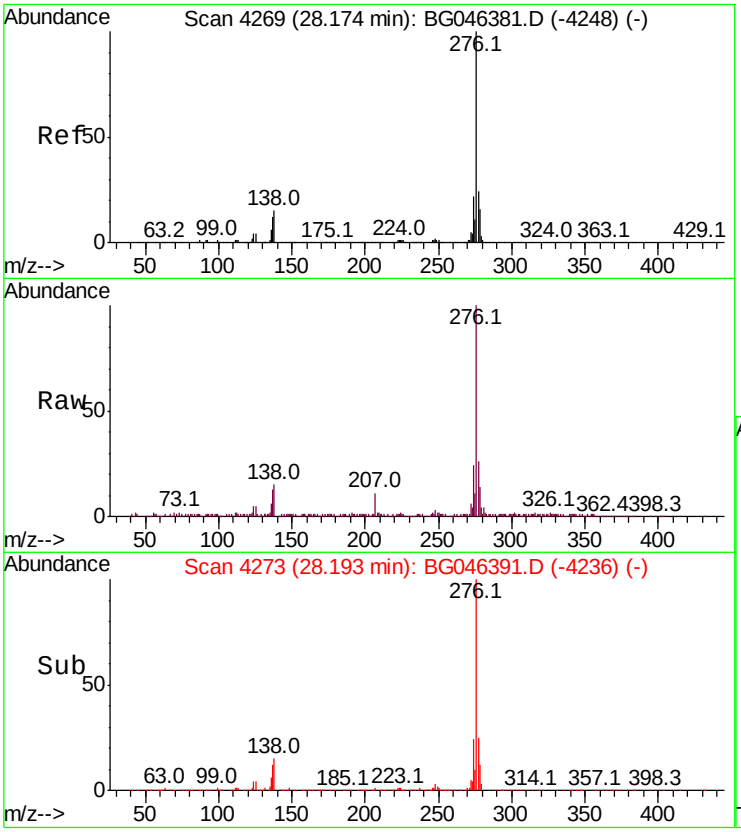


#27
Benzo(a)pyrene
Concen: 18.285 ng/ul
RT: 24.53 min Scan# 3650
Delta R.T. 0.02 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:252 Resp: 629505

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	8.9	7.1	10.7



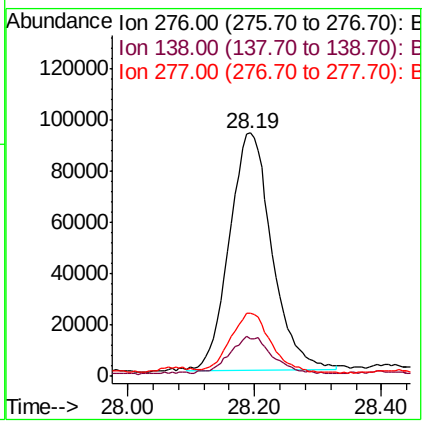


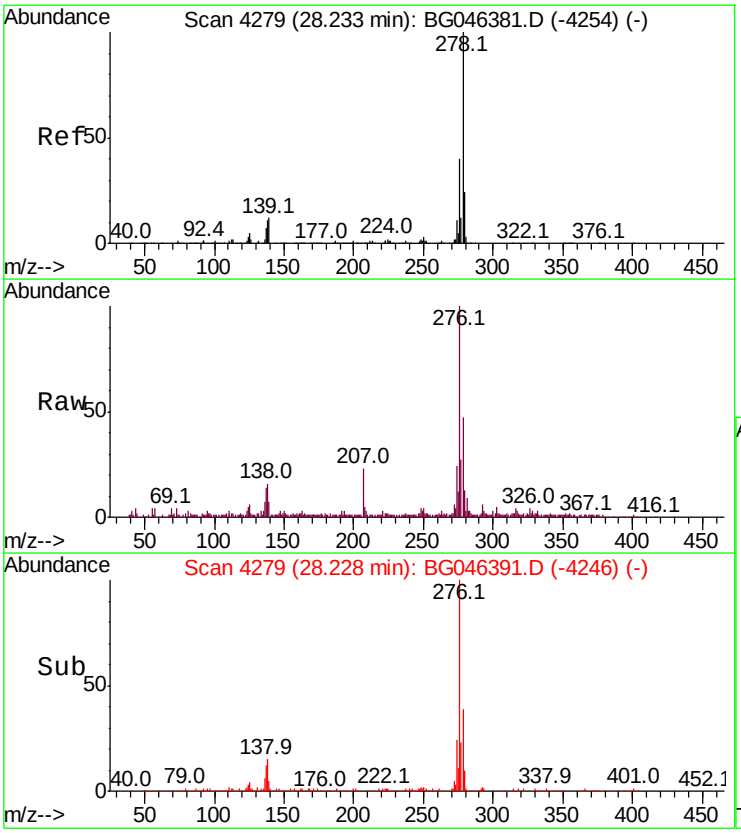
#28
Indeno(1,2,3-cd)pyrene
Concen: 10.000 ng/ul
RT: 28.19 min Scan# 4273
Delta R.T. 0.02 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 431081

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.2	19.8
277	26.1	19.9	29.9

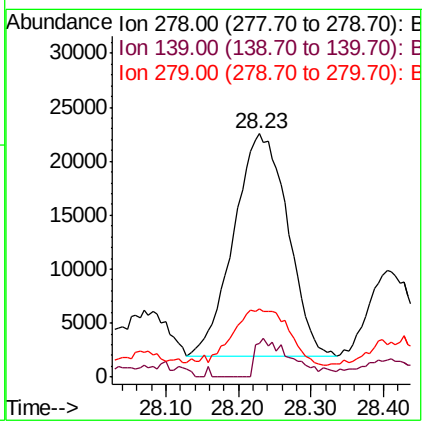


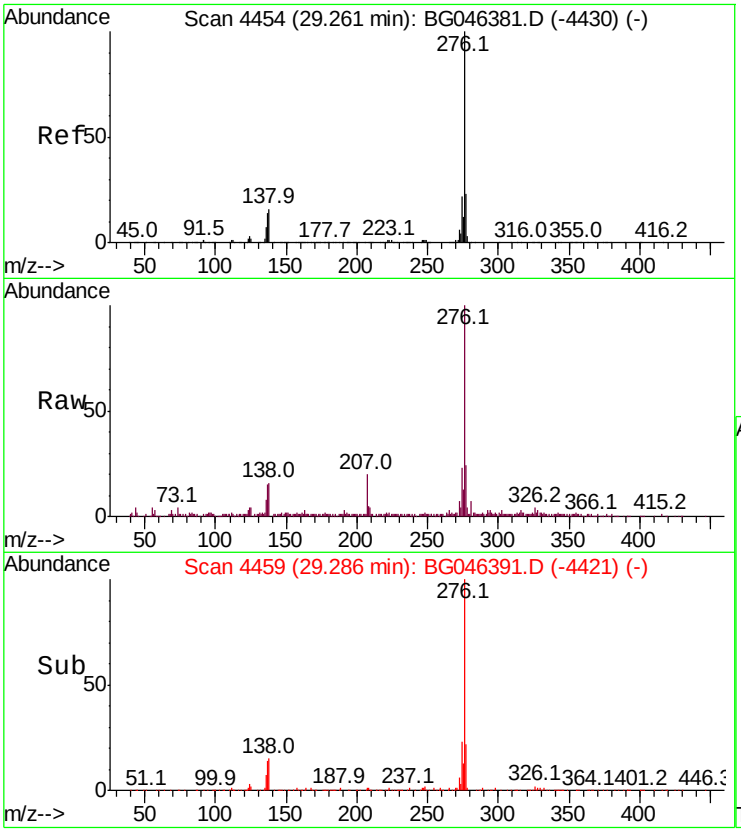


#29
Dibenzo(a,h)anthracene
Concen: 3.048 ng/ul
RT: 28.23 min Scan# 4279
Delta R.T. -0.00 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Tgt Ion:278 Resp: 106522

Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.8	14.8
279	28.3	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 7.489 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. 0.03 min
Lab File: BG046391.D
Acq: 20 Aug 2020 23:18

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 270182

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	23.6	19.4	29.0