

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
 Data File : BG025923.D
 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC8

Manual Integrations
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mohammad
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Quant Time: Feb 22 04:55:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	144275	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	691726	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	405021	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	834060	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	829330	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	802897	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	859357	25.62	ng/ul	0.00
10) Fluorene-d10	15.68	176	605247	23.50	ng/ul	0.00
14) Anthracene-d10	17.52	188	838059	22.23	ng/ul	0.00
18) Pyrene-d10	19.80	212	861296	21.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	807109	22.71	ng/ul	0.00
Target Compounds						
4) 2-Methylnaphthalene	12.53	142	37513	1.40	ng/ul	Qvalue 96
5) 1-Methylnaphthalene	12.75	142	30475	1.16	ng/ul#	91
13) Phenanthrene	17.46	178	211240	4.75	ng/ul	98
16) Fluoranthene	19.46	202	538294	11.01	ng/ul	99
19) Pyrene	19.82	202	469267	9.35	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	309038	6.62	ng/ul	95
21) Chrysene	21.72	228	343925	7.72	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	577052	12.44	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	172782m	3.86	ng/ul	
26) Benzo(a)pyrene	24.74	252	330301	7.36	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.54	276	253746m	4.83	ng/ul	
28) Dibenzo(a,h)anthracene	28.59	278	73105m	1.68	ng/ul	
29) Benzo(g,h,i)perylene	29.69	276	212064	4.89	ng/ul#	91

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

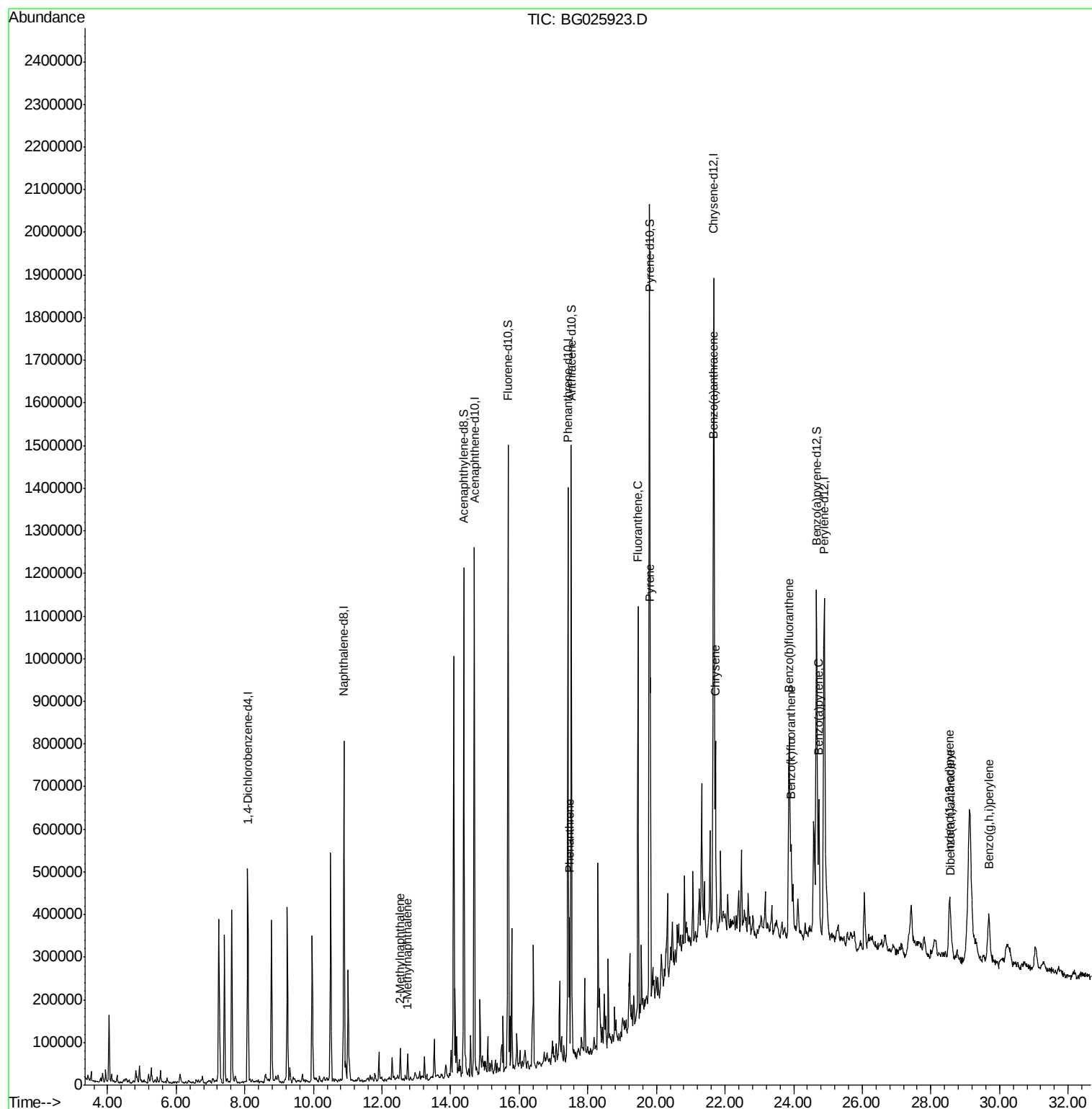
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
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Sample : I1900-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

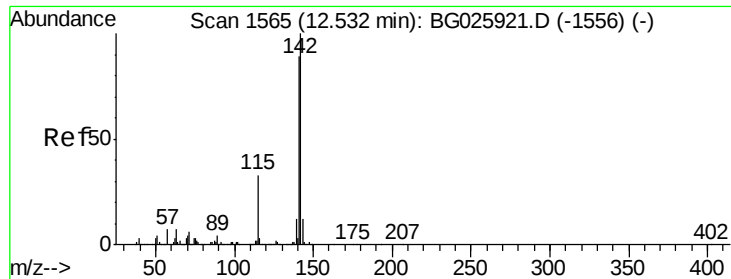
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration





#4

2-Methylnaphthalene

Concen: 1.40 ng/ul

RT: 12.53 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Instrument :

BNA_G

ClientSampleId :

DABC8

Tgt Ion:142 Resp: 37513

Ion Ratio Lower Upper

142 100

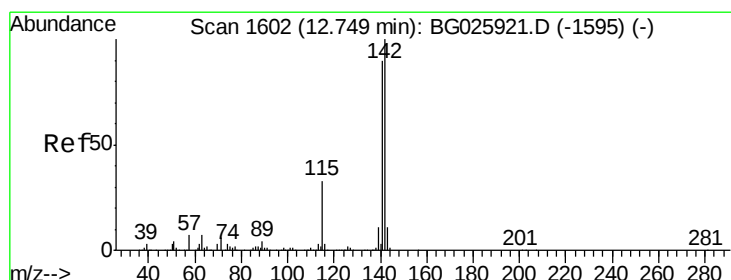
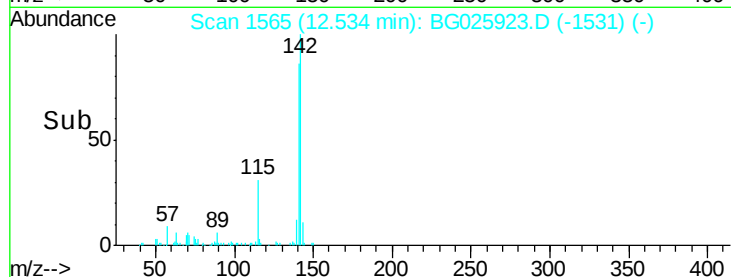
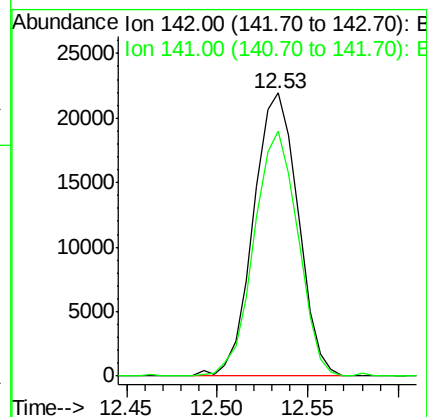
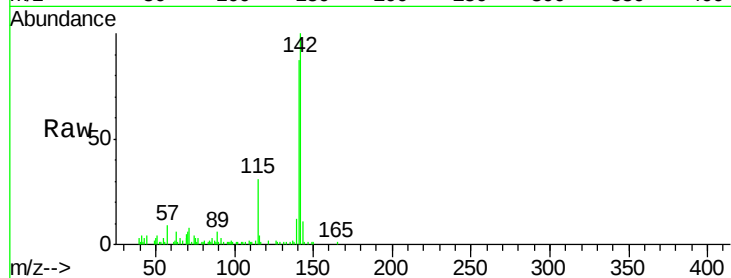
141 86.8 72.7 109.1

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#5

1-Methylnaphthalene

Concen: 1.16 ng/ul

RT: 12.75 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

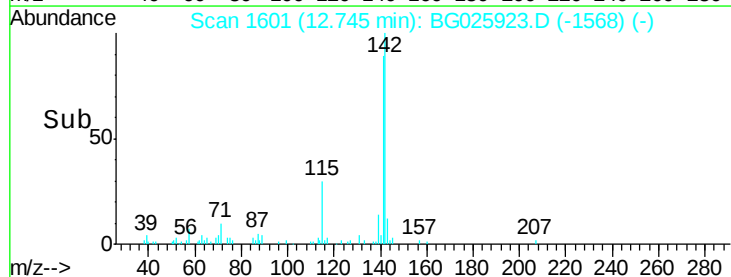
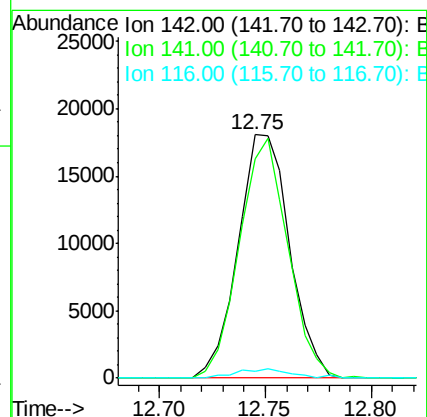
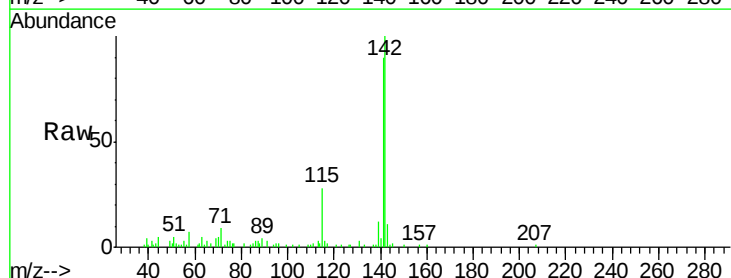
Tgt Ion:142 Resp: 30475

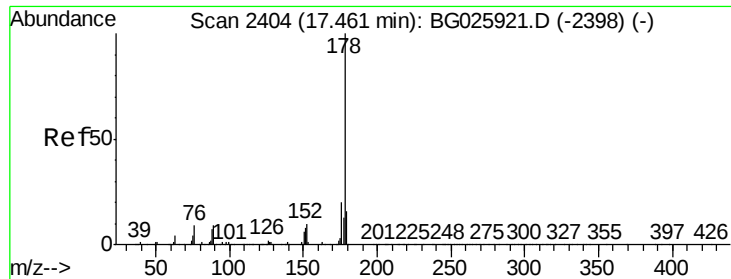
Ion Ratio Lower Upper

142 100

141 90.0 79.3 118.9

116 2.6 4.2 6.2#





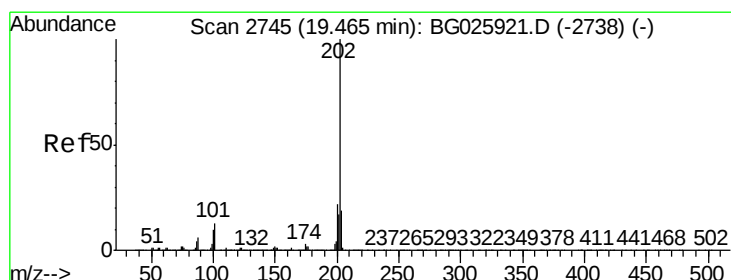
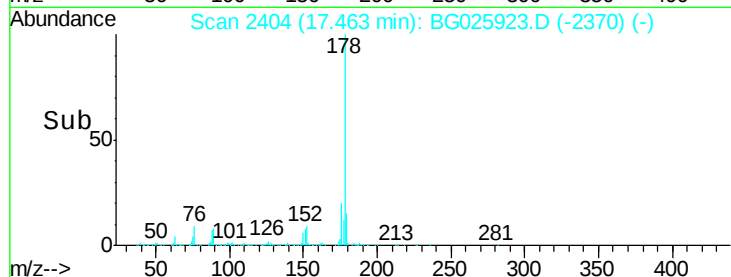
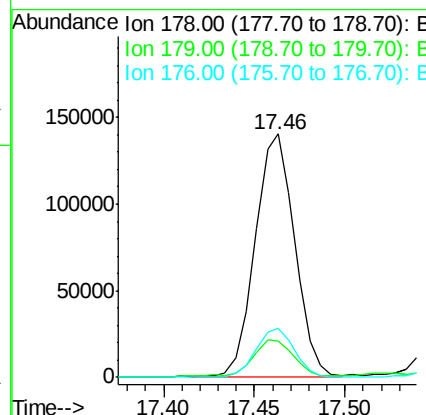
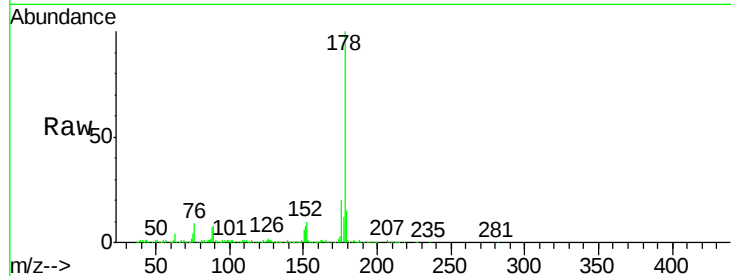
#13
Phenanthrene
Concen: 4.75 ng/ul
RT: 17.46 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BG025923.D
Acq: 22 Feb 2017 3:12

Instrument :
BNA_G
ClientSampleId :
DABC8

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.1	12.3	18.5
176	19.9	15.1	22.7

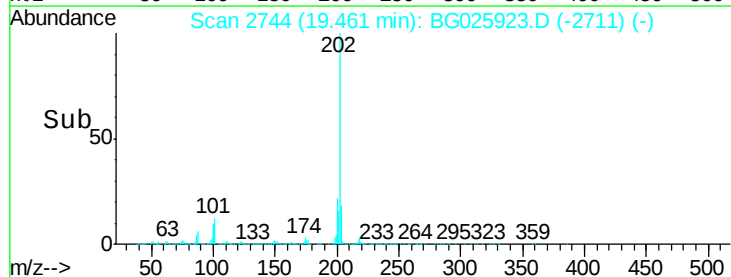
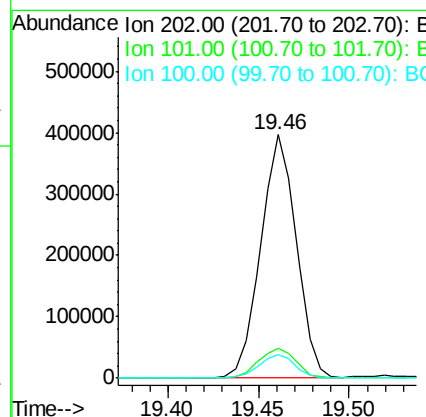
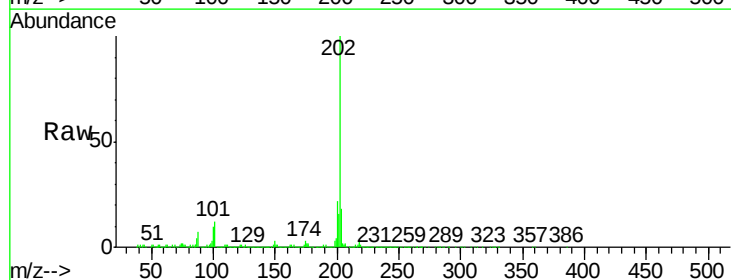
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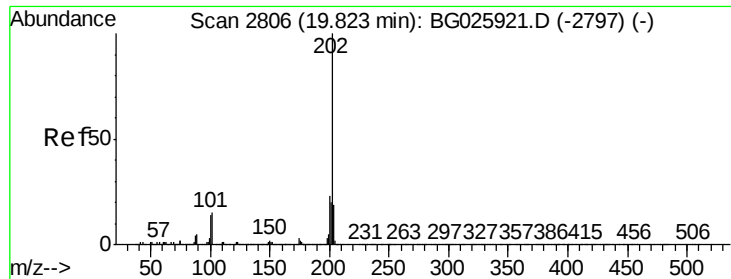
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#16
Fluoranthene
Concen: 11.01 ng/ul
RT: 19.46 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BG025923.D
Acq: 22 Feb 2017 3:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.2	9.9	14.9
100	9.8	7.4	11.0





#19

Pyrene

Concen: 9.35 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Instrument :

BNA_G

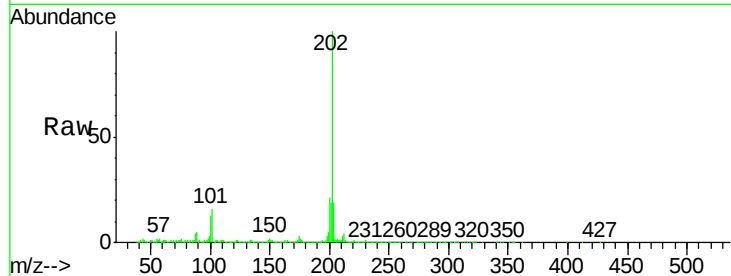
ClientSampleId :

DABC8

Tgt Ion:	202	Resp:	469267
Ion Ratio	Lower	Upper	
202	100		
101	15.6	11.0	16.4
100	13.2	8.1	12.1

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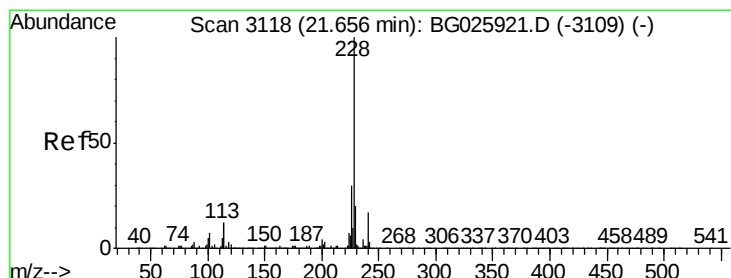
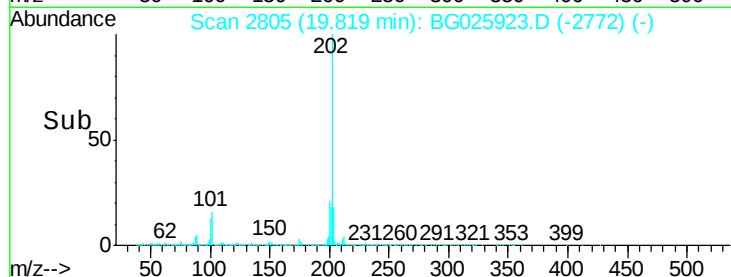
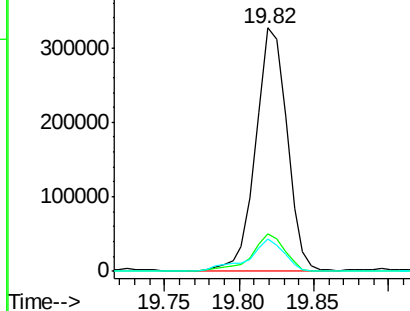
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#20

Benzo(a)anthracene

Concen: 6.62 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG025923.D

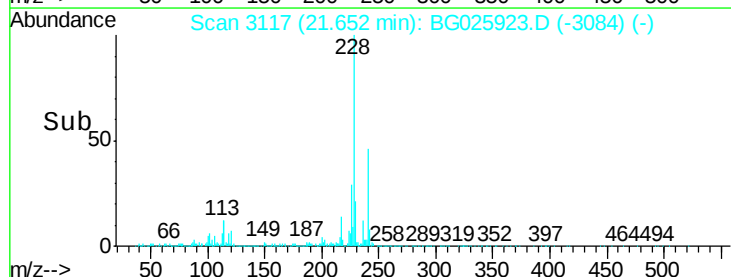
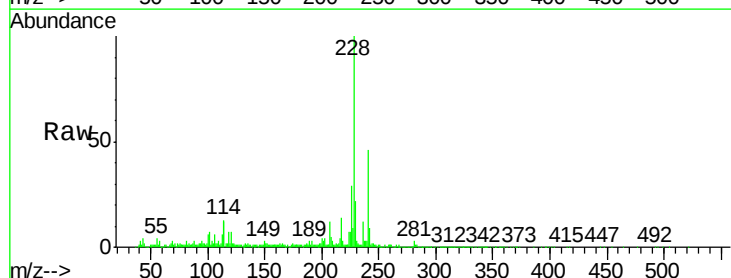
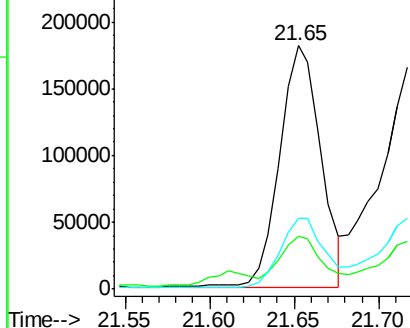
Acq: 22 Feb 2017 3:12

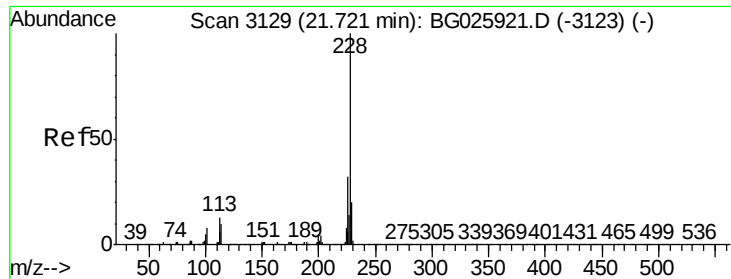
Tgt Ion:	228	Resp:	309038
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.7	23.5
226	29.1	21.1	31.7

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





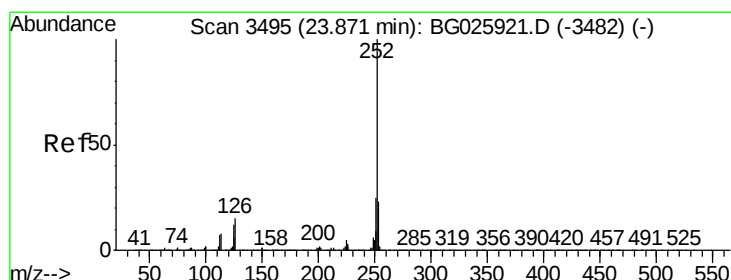
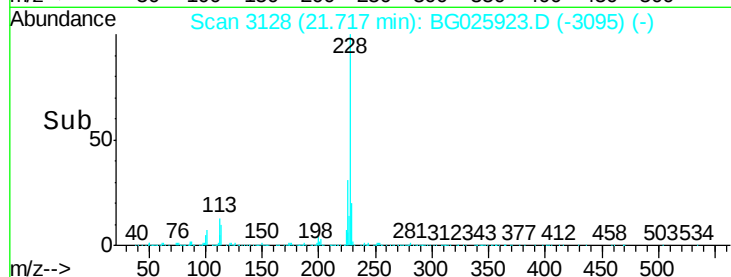
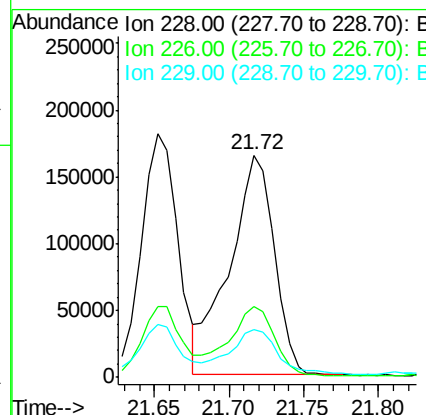
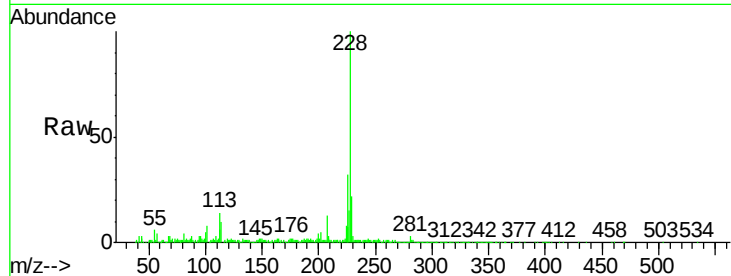
#21
Chrysene
Concen: 7.72 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG025923.D
Acq: 22 Feb 2017 3:12

Instrument :
BNA_G
ClientSampled :
DABC8

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.7	24.5	36.7
229	21.6	15.8	23.8

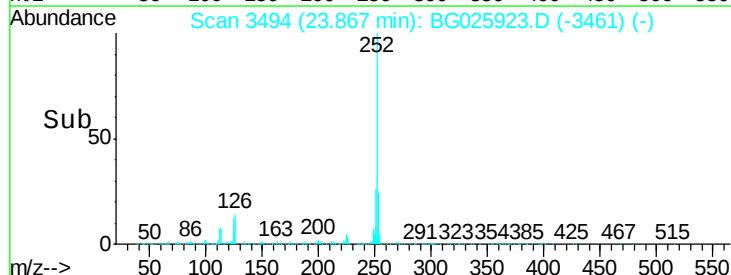
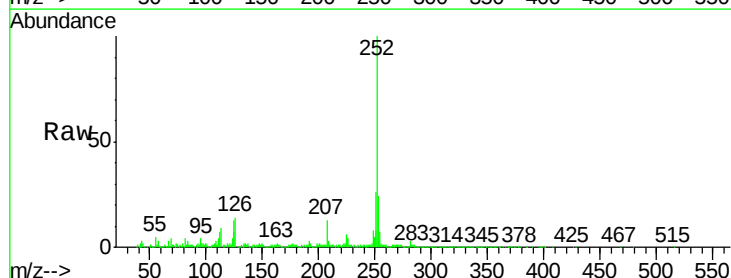
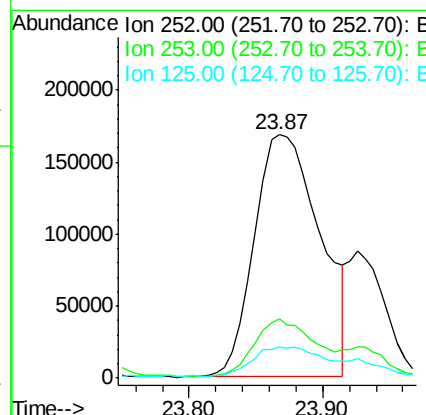
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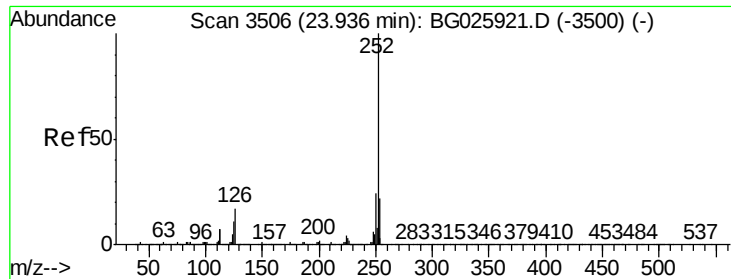
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#23
Benzo(b)fluoranthene
Concen: 12.44 ng/ul
RT: 23.87 min Scan# 3494
Delta R.T. -0.00 min
Lab File: BG025923.D
Acq: 22 Feb 2017 3:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.3	18.0	27.0
125	12.7	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 3.86 ng/ul m

RT: 23.93 min Scan# 3504

Delta R.T. -0.01 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Instrument :

BNA_G

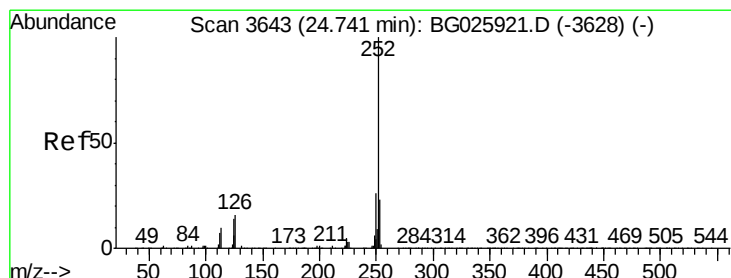
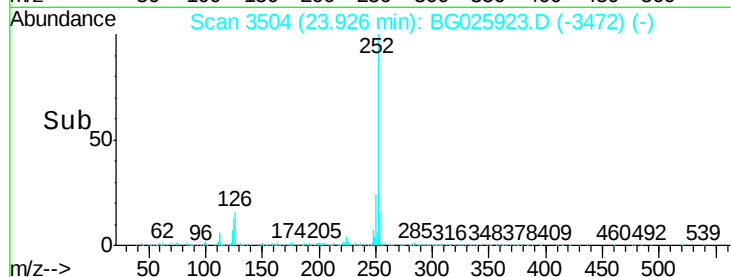
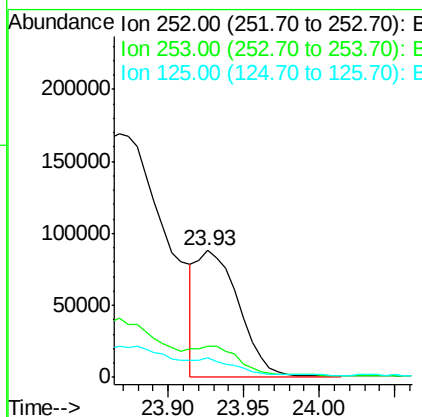
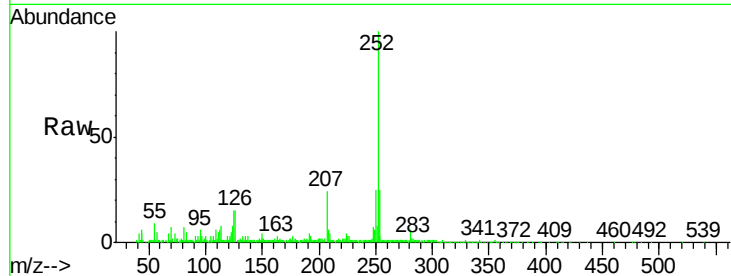
ClientSampleId :

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Tgt Ion:	252	Resp:	172782
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.0	27.0
125	15.0	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 7.36 ng/ul

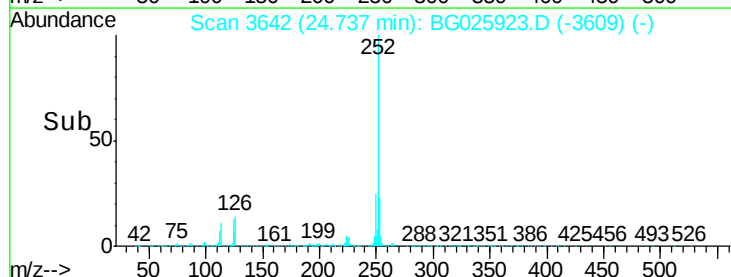
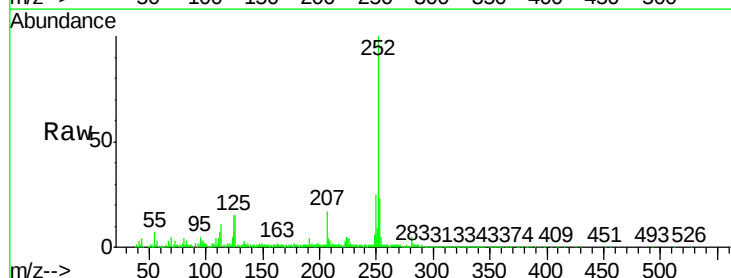
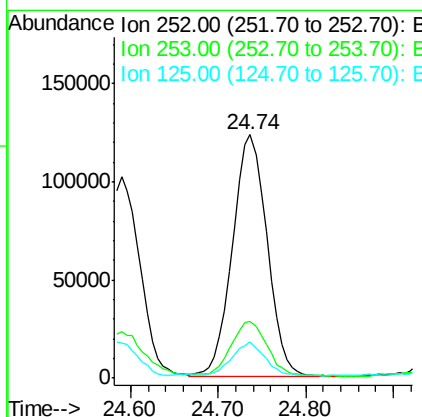
RT: 24.74 min Scan# 3642

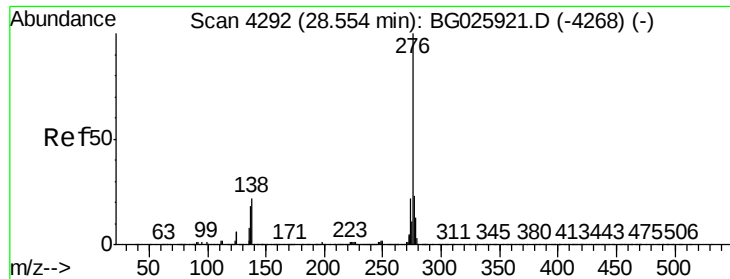
Delta R.T. -0.00 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Tgt Ion:	252	Resp:	330301
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	14.7	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.83 ng/ul m

RT: 28.54 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG025923.D

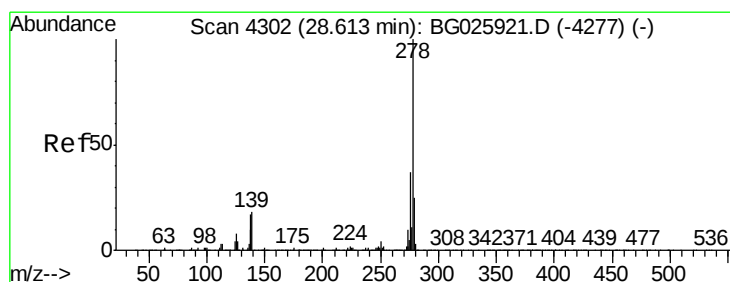
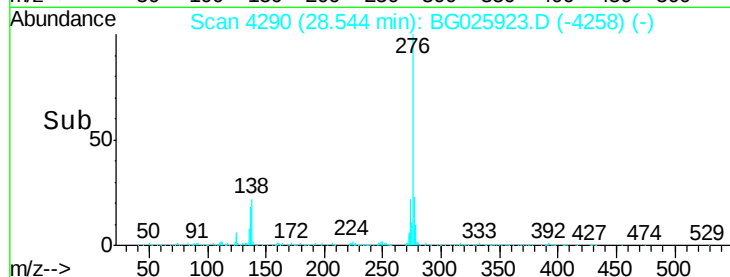
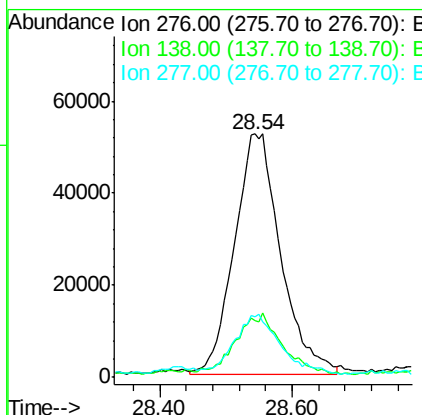
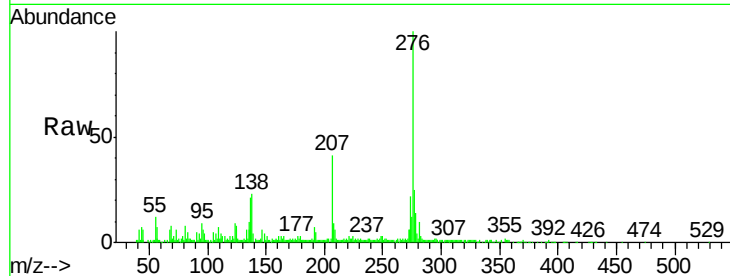
Acq: 22 Feb 2017 3:12

Instrument :
BNA_G
ClientSampleId :
DABC8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	14.4	21.6#
277	24.6	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.68 ng/ul m

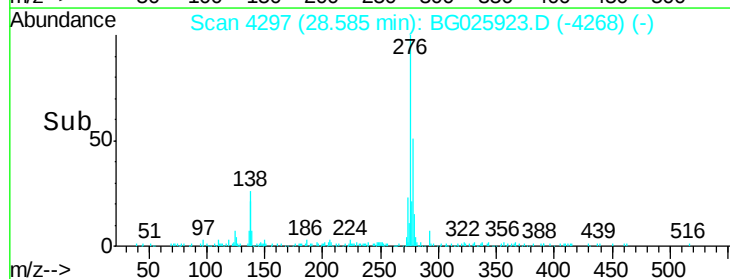
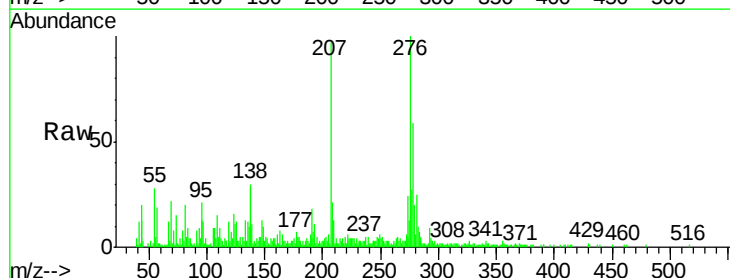
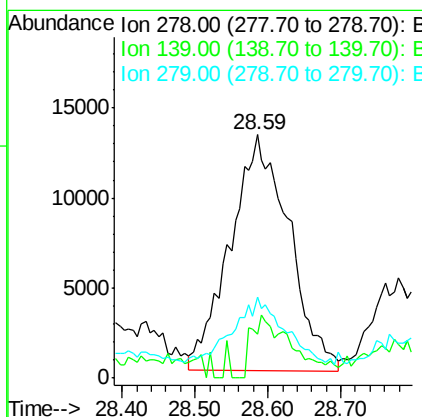
RT: 28.59 min Scan# 4297

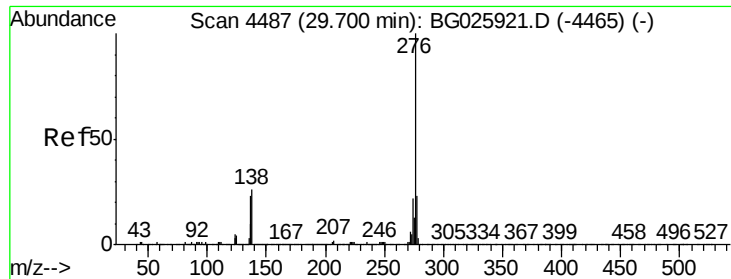
Delta R.T. -0.03 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.2	18.4
279	33.1	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 4.89 ng/ul

RT: 29.69 min Scan# 4485

Delta R.T. -0.01 min

Lab File: BG025923.D

Acq: 22 Feb 2017 3:12

Instrument :

BNA_G

ClientSampleId :

DABC8

Tgt	Ion	276	Resp:	212064
Ion	Ratio	100	Lower	Upper
276	100			
138	25.0	15.3	22.9#	
277	26.5	19.0	28.4	

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