

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029143.D
 Acq On : 10 Oct 2017 16:23
 Operator : SJ/JU
 Sample : I5577-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH92

Manual Integrations
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Quant Time: Oct 11 05:02:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	53087	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	223745	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	148720	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	324705	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	339334	20.00	ng/ul	0.00
22) Perylene-d12	25.21	264	325841	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	339991	21.98	ng/ul	0.00
10) Fluorene-d10	15.82	176	251744	22.44	ng/ul	0.00
14) Anthracene-d10	17.67	188	368648	23.44	ng/ul	0.00
18) Pyrene-d10	19.93	212	411669	23.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.98	264	370930	23.76	ng/ul	0.02
Target Compounds				Ovalue		
4) 2-Methylnaphthalene	12.68	142	11790	1.334	ng/ul	83
5) 1-Methylnaphthalene	12.89	142	10285	1.219	ng/ul	87
13) Phenanthrene	17.61	178	109087	6.298	ng/ul	97
16) Fluoranthene	19.60	202	257847	12.700	ng/ul#	89
19) Pyrene	19.96	202	219864	10.394	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	141964m	7.104	ng/ul	
21) Chrysene	21.90	228	188032	10.276	ng/ul	98
23) Benzo(b)fluoranthene	24.14	252	261927	13.437	ng/ul#	95
24) Benzo(k)fluoranthene	24.20	252	92409m	4.857	ng/ul	
26) Benzo(a)pyrene	25.04	252	140026m	7.396	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.06	276	97527	4.539	ng/ul#	91
28) Dibenzo(a,h)anthracene	29.10	278	29482m	1.657	ng/ul	
29) Benzo(a,h,i)perylene	30.26	276	89316m	5.040	ng/ul	

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

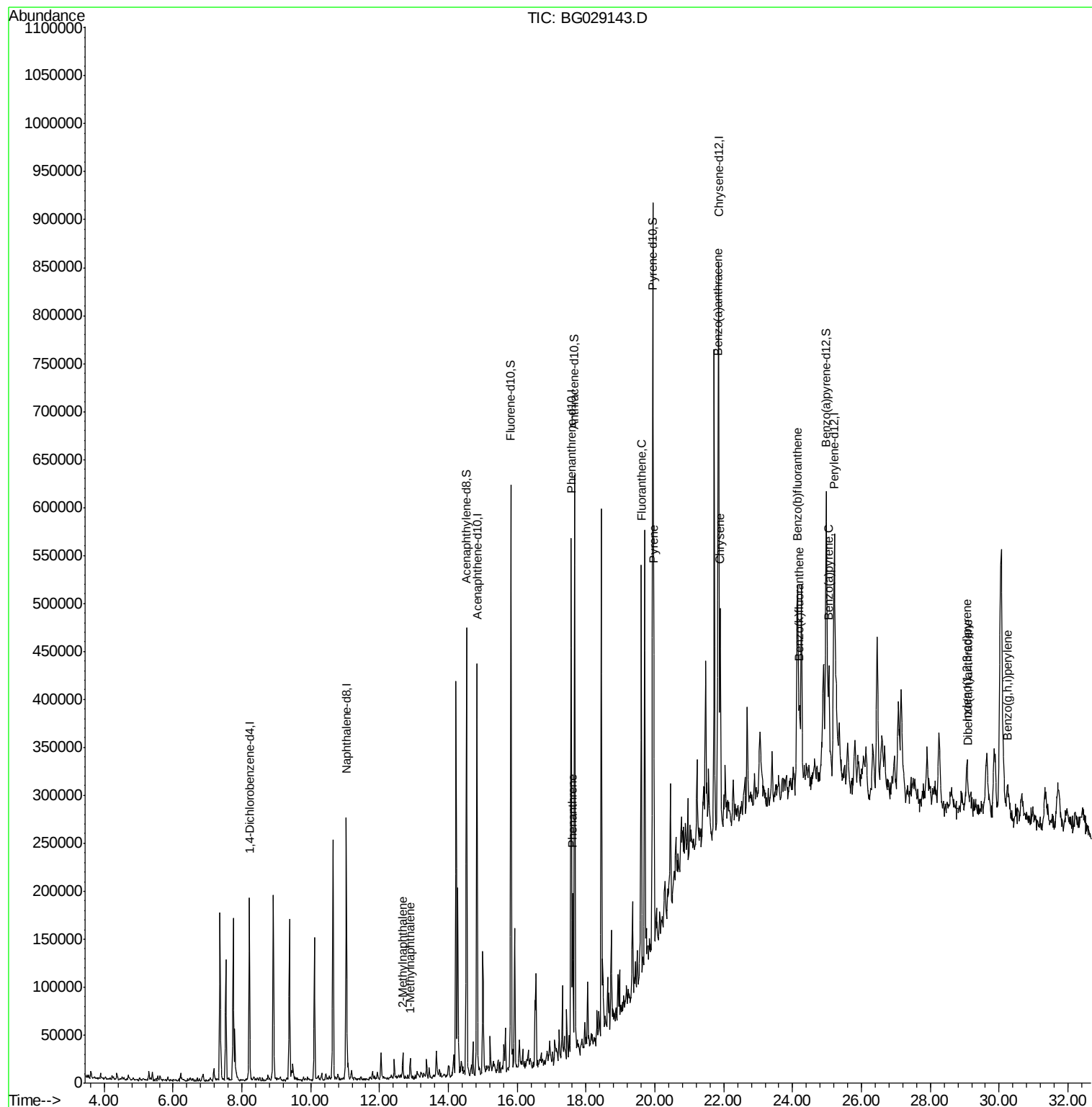
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
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ALS Vial : 11 Sample Multiplier: 1

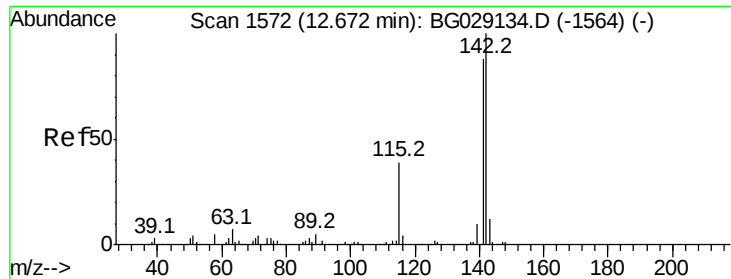
Instrument :
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Quant Time: Oct 11 05:02:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration





#4

2-Methylnaphthalene

Concen: 1.334 ng/ul

RT: 12.68 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BG029143.D

Acq: 10 Oct 2017 16:23

Instrument :

BNA_G

ClientSampleId :

DAH92

Tot Ion:142 Resp: 11790

Ion Ratio Lower Upper

142 100

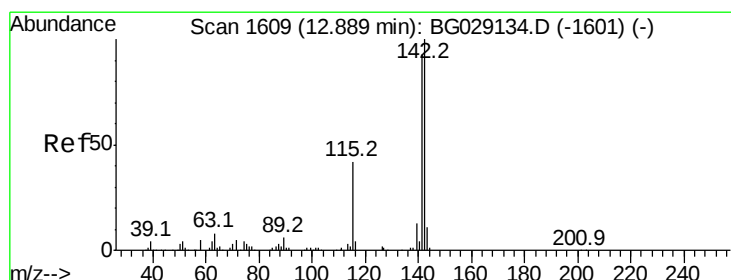
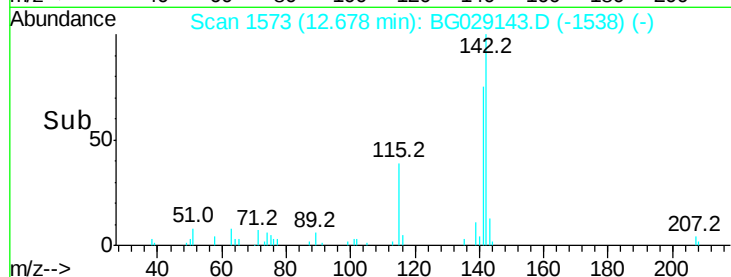
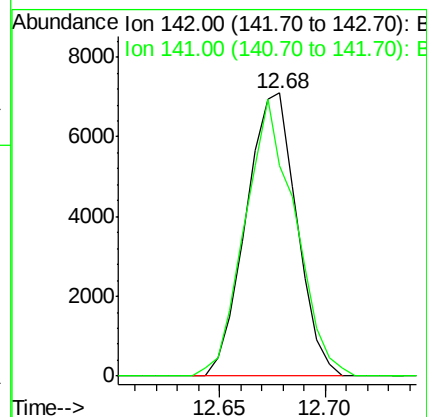
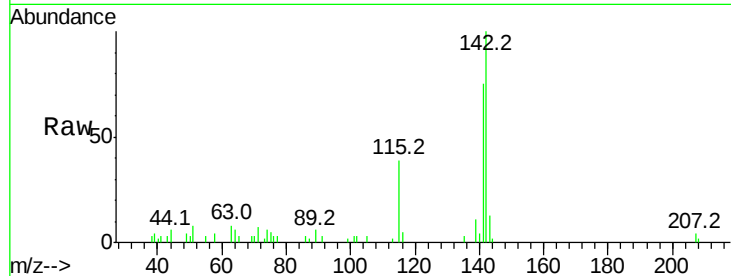
141 74.5 72.7 109.1

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#5

1-Methylnaphthalene

Concen: 1.219 ng/ul

RT: 12.89 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BG029143.D

Acq: 10 Oct 2017 16:23

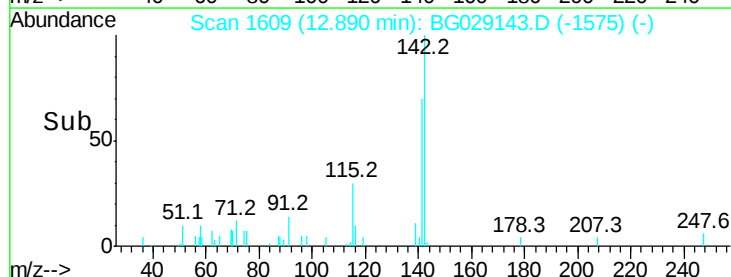
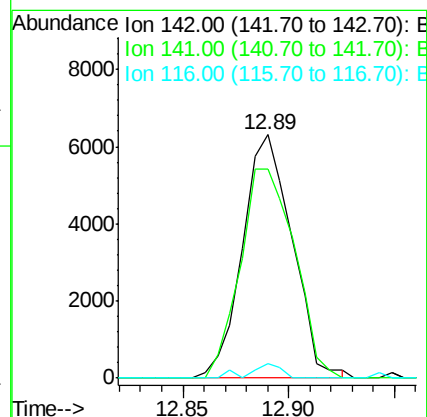
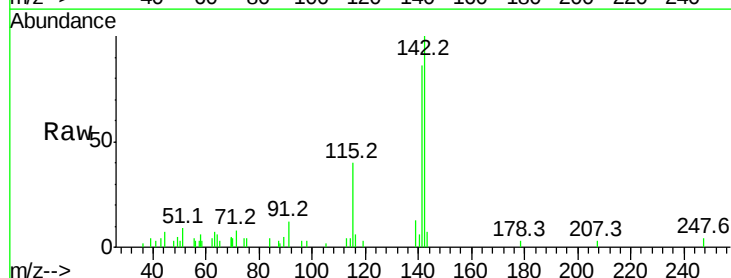
Tgt Ion:142 Resp: 10285

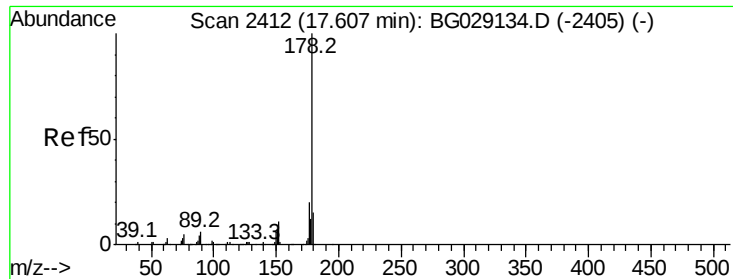
Ion Ratio Lower Upper

142 100

141 85.8 79.3 118.9

116 5.8 4.2 6.2





#13

Phenanthrene

Concen: 6.298 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029143.D

Acq: 10 Oct 2017 16:23

Instrument :

BNA_G

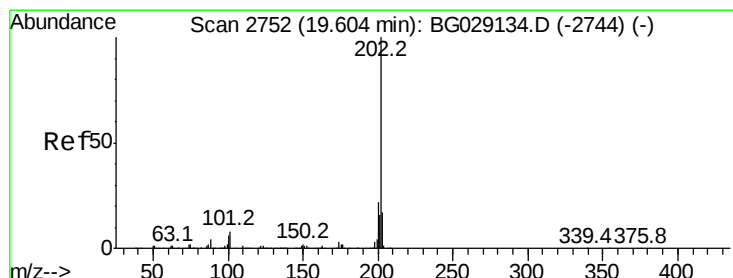
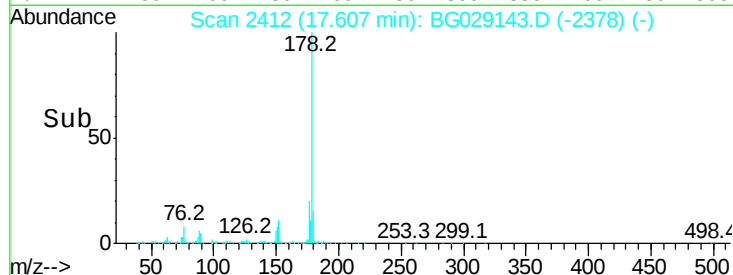
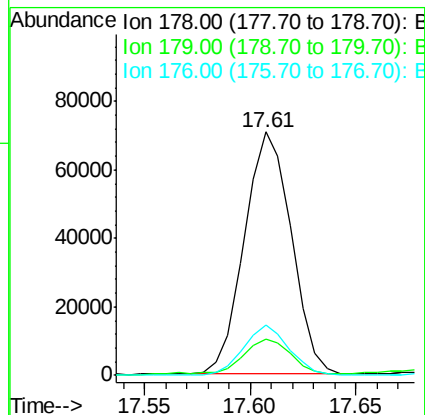
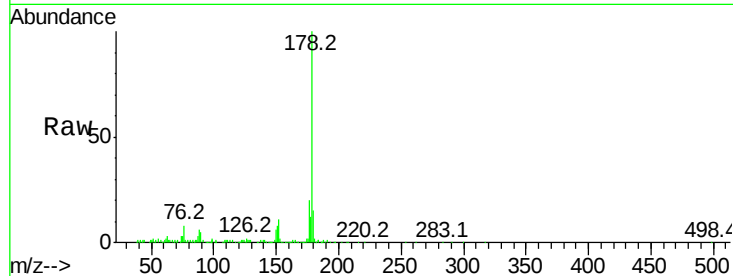
ClientSampleId :

DAH92

Tot Ion:	178	Resp:	109087
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.3	18.5
176	20.4	15.1	22.7

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#16

Fluoranthene

Concen: 12.700 ng/ul

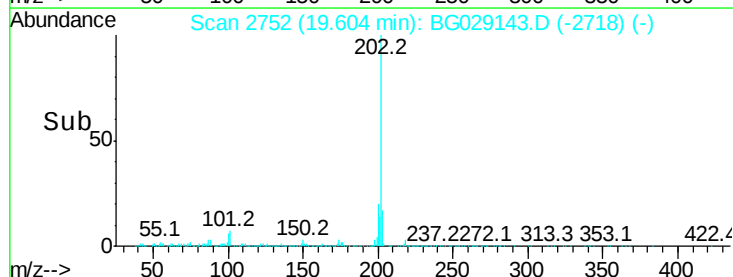
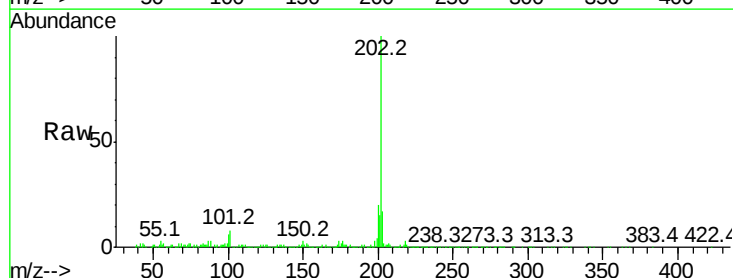
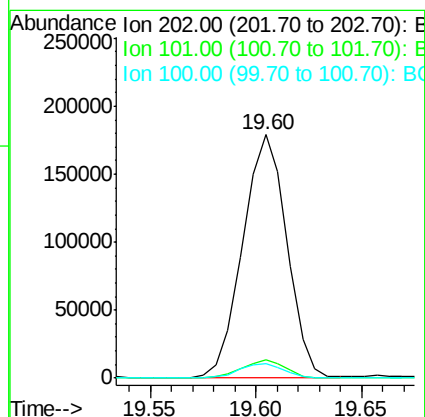
RT: 19.60 min Scan# 2752

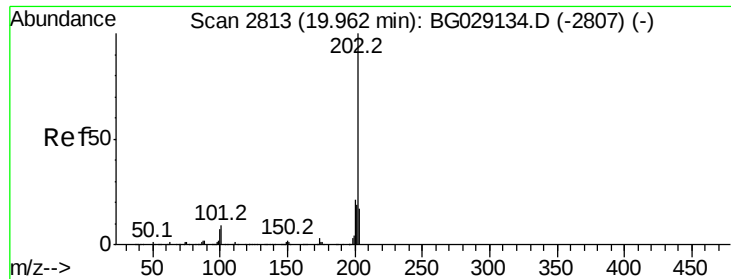
Delta R.T. 0.00 min

Lab File: BG029143.D

Acq: 10 Oct 2017 16:23

Tgt Ion:	202	Resp:	257847
Ion Ratio	Lower	Upper	
202	100		
101	7.6	9.9	14.9#
100	5.8	7.4	11.0#





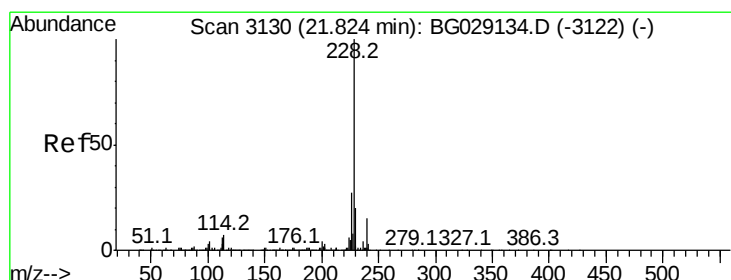
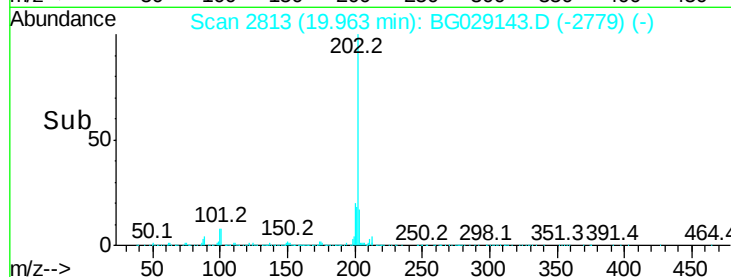
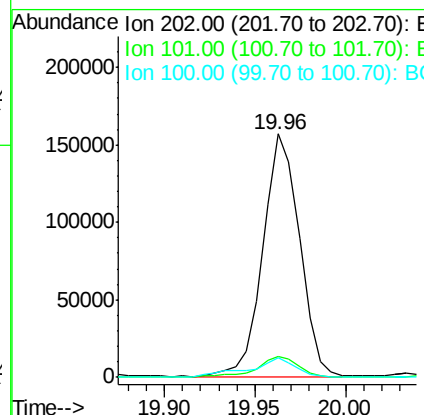
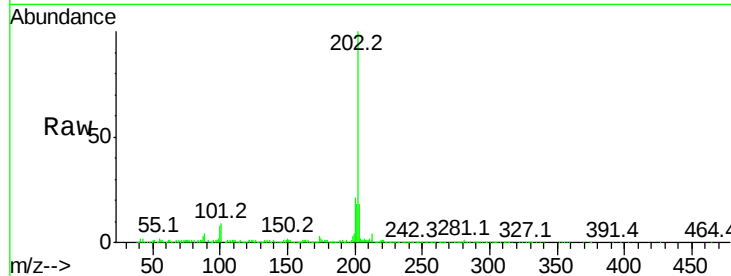
#19
Pvrene
Concen: 10.394 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Instrument :
BNA_G
ClientSampleId :
DAH92

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	11.0	16.4#
100	8.3	8.1	12.1

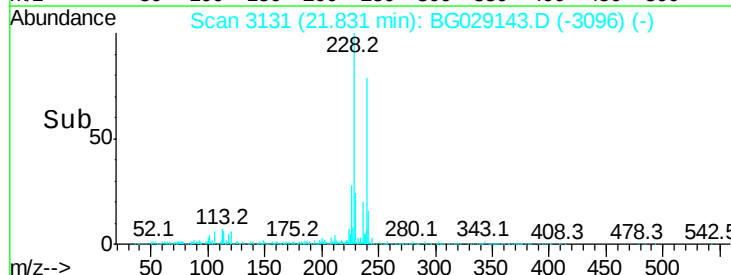
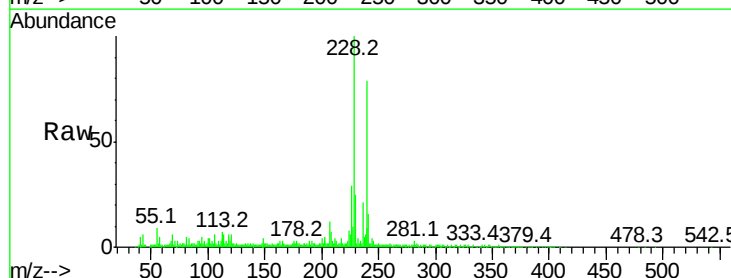
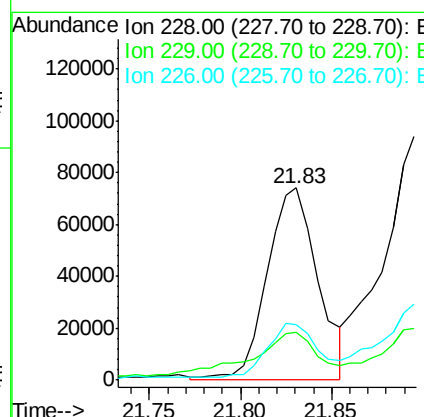
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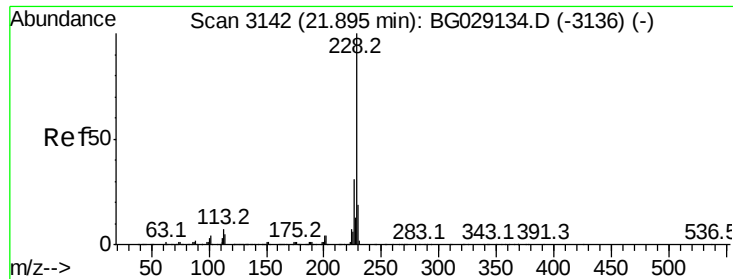
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#20
Benzo(a)anthracene
Concen: 7.104 ng/ul m
RT: 21.83 min Scan# 3131
Delta R.T. 0.01 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.0	15.7	23.5#
226	28.9	21.1	31.7





#21

Chrysene

Concen: 10.276 ng/ul

RT: 21.90 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG029143.D

Acq: 10 Oct 2017 16:23

Instrument :

BNA_G

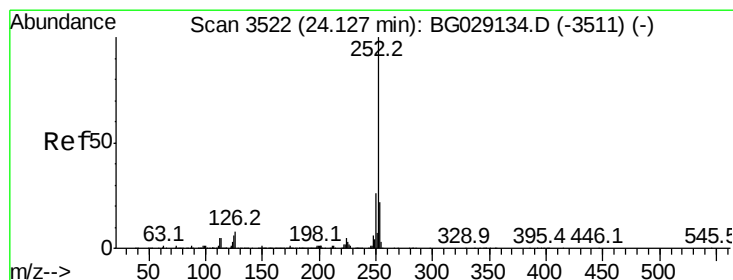
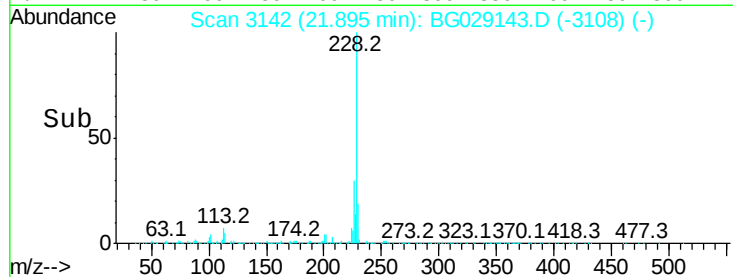
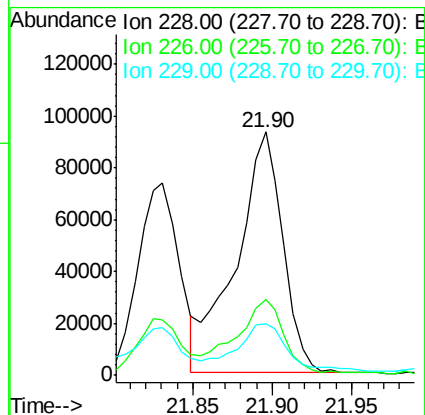
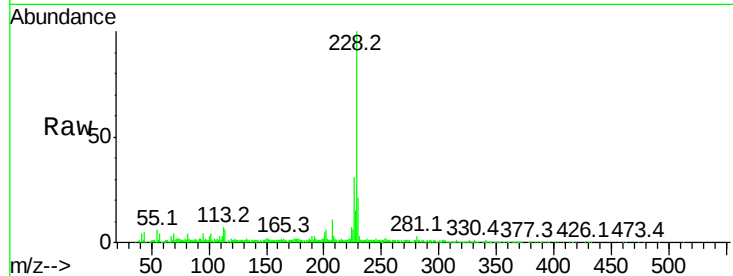
ClientSampleId :

DAH92

Tot Ion:	228	Resp:	188032
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.5	36.7
229	21.1	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 13.437 ng/ul

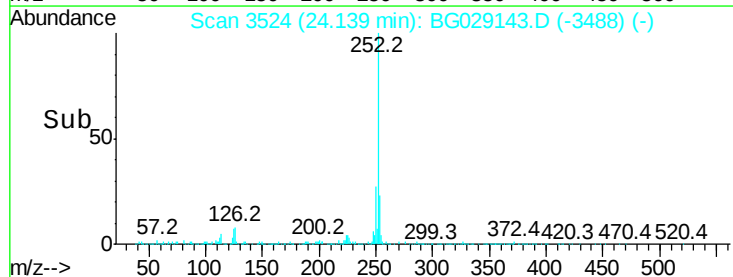
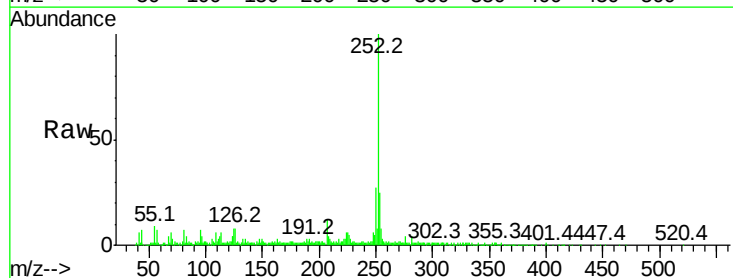
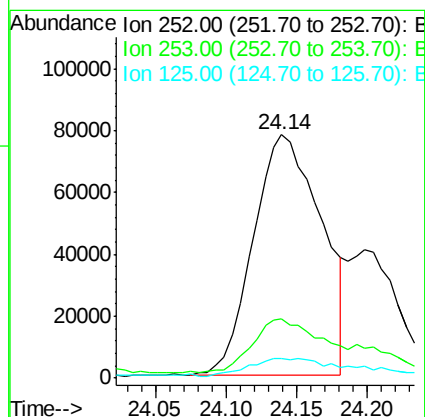
RT: 24.14 min Scan# 3524

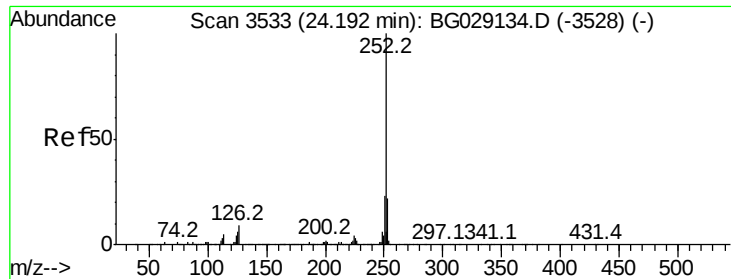
Delta R.T. 0.01 min

Lab File: BG029143.D

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Tgt Ion:	252	Resp:	261927
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	8.0	8.0	12.0#





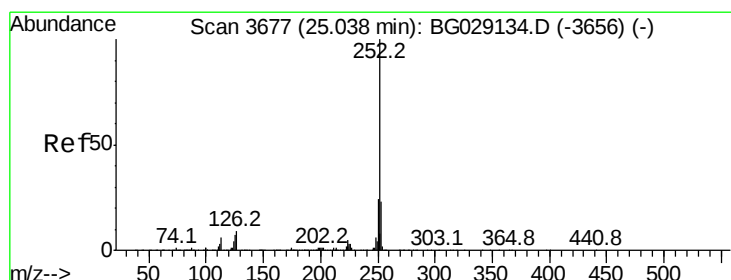
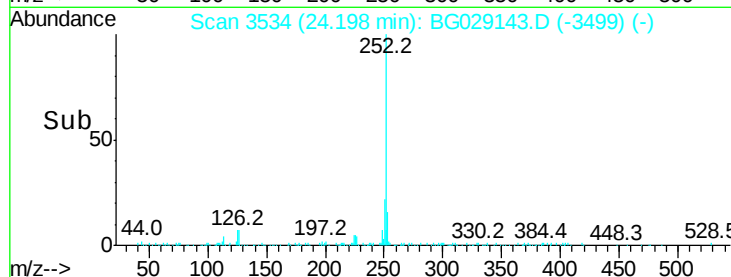
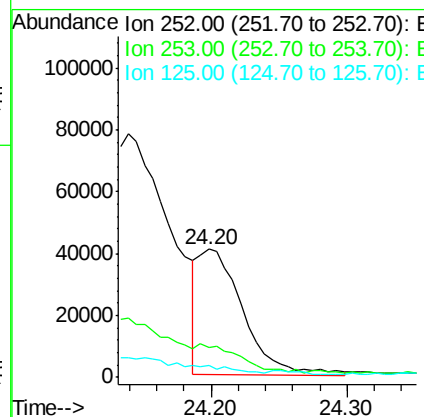
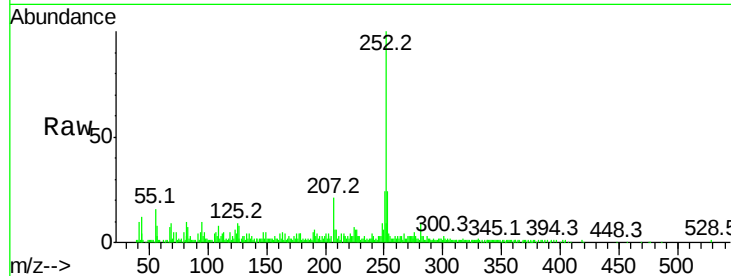
#24
Benzo(k)fluoranthene
Concen: 4.857 ng/ul m
RT: 24.20 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Instrument :
BNA_G
ClientSampled :
DAH92

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	9.0	8.1	12.1

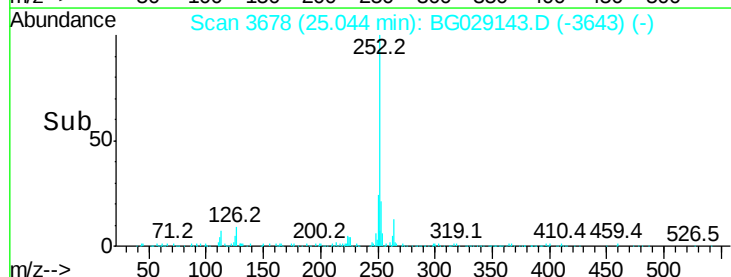
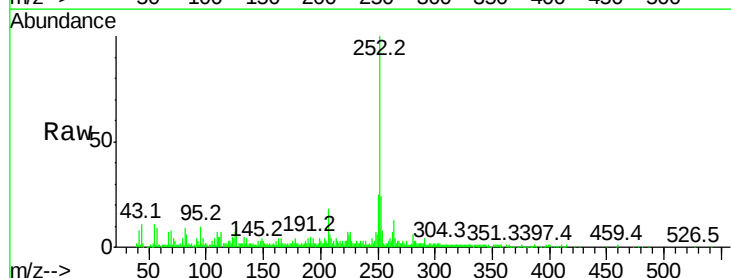
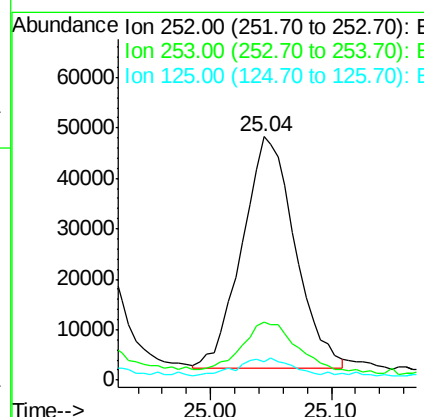
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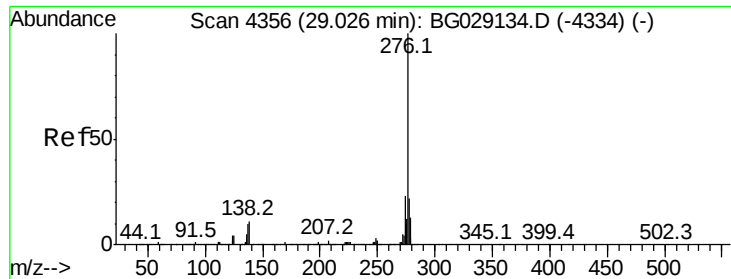
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#26
Benzo(a)pyrene
Concen: 7.396 ng/ul m
RT: 25.04 min Scan# 3678
Delta R.T. 0.01 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.3	8.2	12.4#





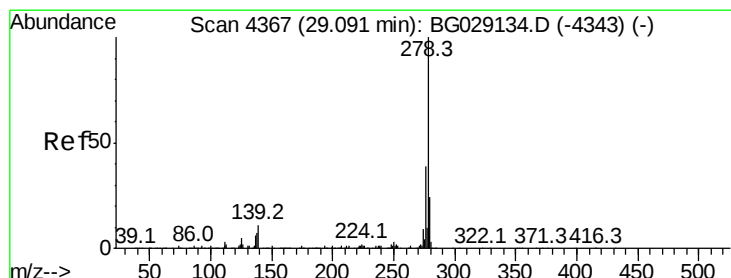
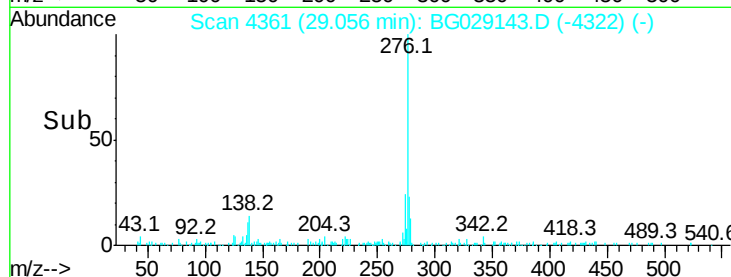
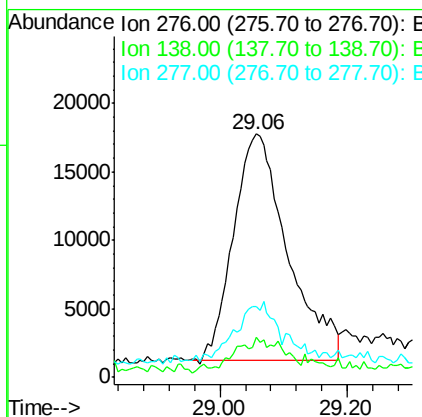
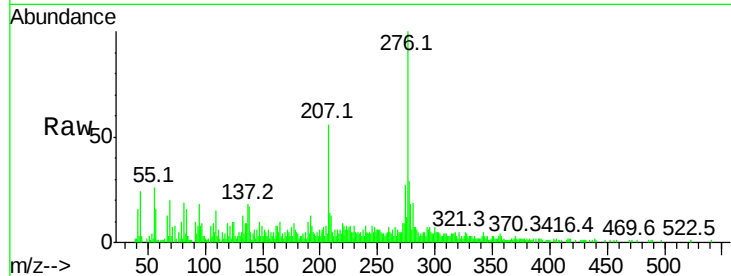
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.539 ng/ul
RT: 29.06 min Scan# 4361
Delta R.T. 0.03 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Instrument :
BNA_G
ClientSampleId :
DAH92

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.4	21.6
277	28.9	18.0	27.0#

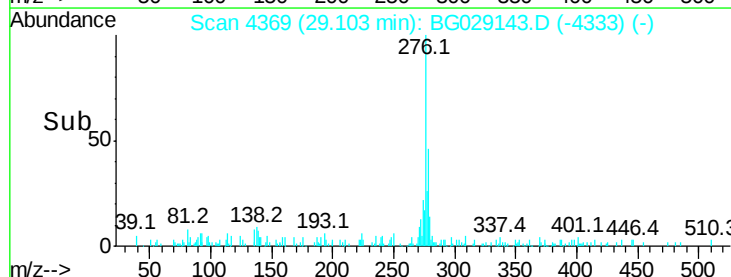
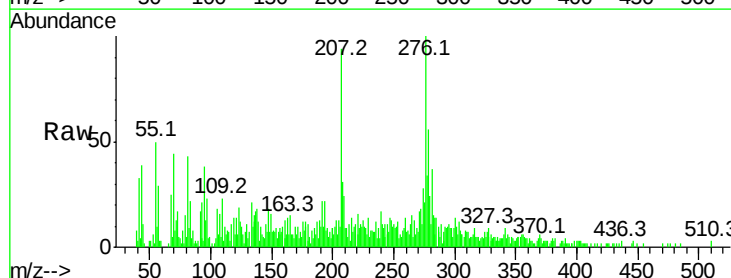
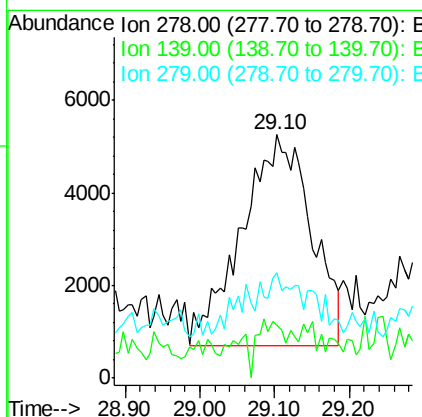
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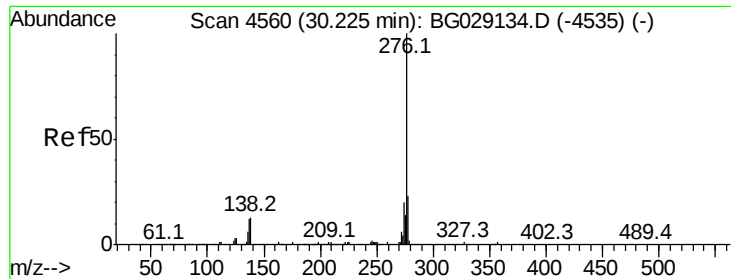
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#28
Dibenzo(a,h)anthracene
Concen: 1.657 ng/ul m
RT: 29.10 min Scan# 4369
Delta R.T. 0.01 min
Lab File: BG029143.D
Acq: 10 Oct 2017 16:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	12.2	18.4#
279	43.1	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.040 ng/ul m

RT: 30.26 min Scan# 4566

Delta R.T. 0.04 min

Lab File: BG029143.D

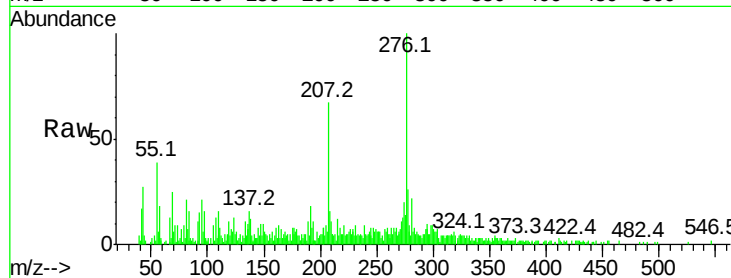
Acq: 10 Oct 2017 16:23

Instrument :

BNA_G

ClientSampleId :

DAH92



Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	15.3	22.9#
277	25.7	19.0	28.4

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