

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
 Data File : BM014605.D
 Acq On : 16 Mar 2018 10:57
 Operator : SJ/JU
 Sample : J1904-02DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEL02DL

Manual Integrations
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Quant Time: Mar 17 00:38:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 17 00:32:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	96599	20.00	ng/ul	0.00
2) Naphthalene-d8	10.23	136	391358	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	193992	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.90	188	328225	20.00	ng/ul	0.00
18) Chrysene-d12	21.13	240	333323	20.00	ng/ul	0.00
23) Perylene-d12	23.30	264	318713	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.93	165	35565m	5.88	ng/ul	0.04
7) Acenaphthylene-d8	13.82	160	142567	6.88	ng/ul	0.00
10) Fluorene-d10	15.14	176	89898	6.62	ng/ul	0.00
15) Anthracene-d10	17.00	188	113979	7.25	ng/ul	0.00
19) Pyrene-d10	19.32	212	116218	5.80	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.16	264	113640	7.37	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	13.86	152	256762	13.343	ng/ul	99
14) Phenanthrene	16.94	178	555238	30.206	ng/ul	99
16) Anthracene	17.04	178	186938	10.174	ng/ul	98
17) Fluoranthene	18.99	202	1513911	72.557	ng/ul	99
20) Pyrene	19.35	202	1343010	53.574	ng/ul	99
21) Benzo(a)anthracene	21.12	228	794706	37.702	ng/ul	94
22) Chrysene	21.17	228	736309	37.991	ng/ul	97
24) Benzo(b)fluoranthene	22.66	252	966357	48.227	ng/ul#	98
25) Benzo(k)fluoranthene	22.69	252	287938m	15.126	ng/ul	
27) Benzo(a)pyrene	23.21	252	662011	34.807	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.46	276	439687	20.086	ng/ul	98
29) Dibenzo(a,h)anthracene	25.46	278	119209	6.506	ng/ul#	76
30) Benzo(a,h,i)perylene	26.13	276	402986	23.111	ng/ul	97

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

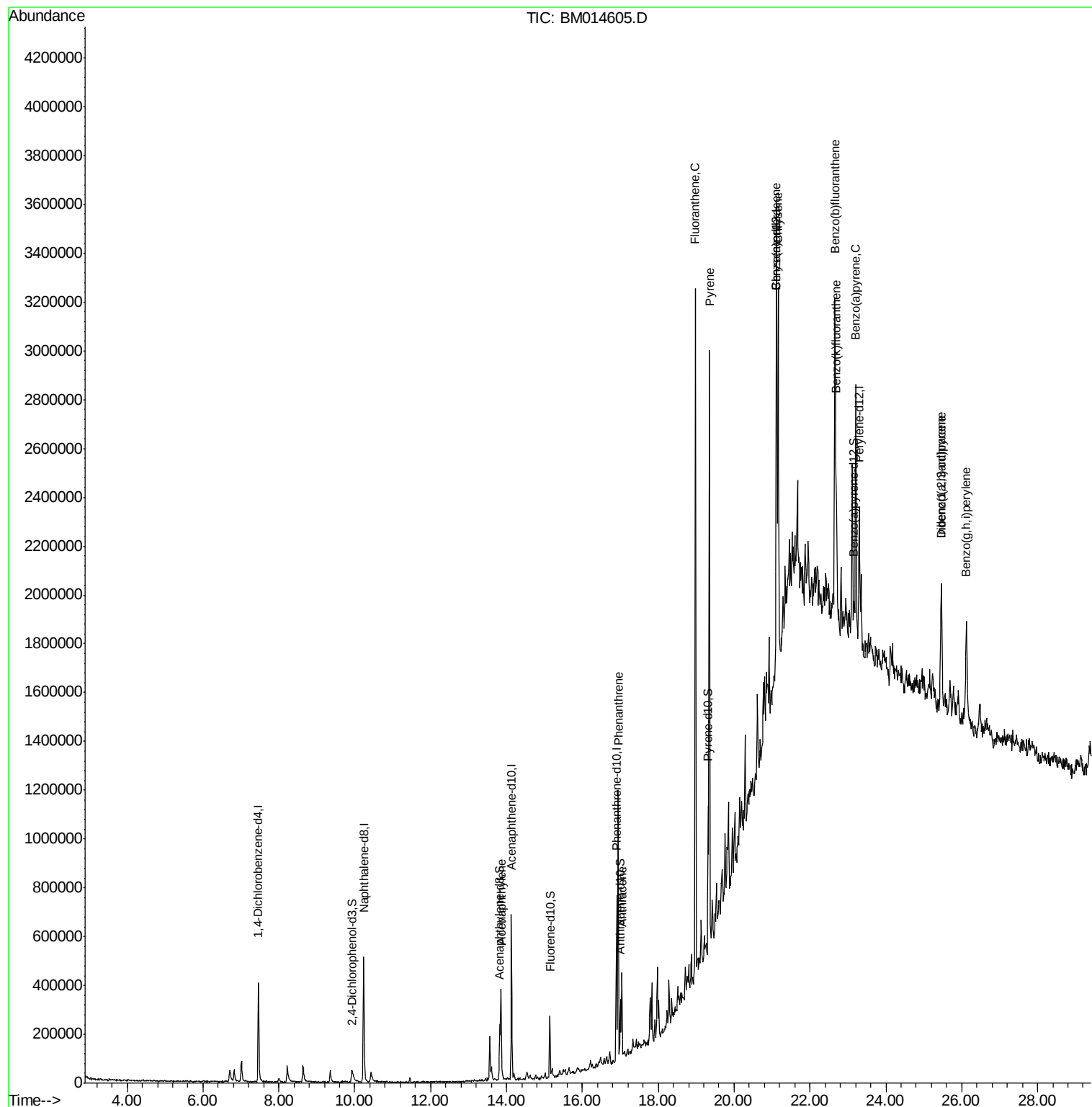
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
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Sample : J1904-02DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

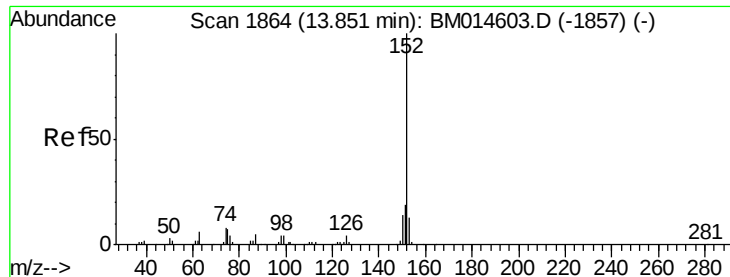
Instrument :
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Quant Time: Mar 17 00:38:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 00:32:17 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 13.343 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. 0.01 min

Lab File: BM014605.D

Acq: 16 Mar 2018 10:57

Instrument :

BNA_M

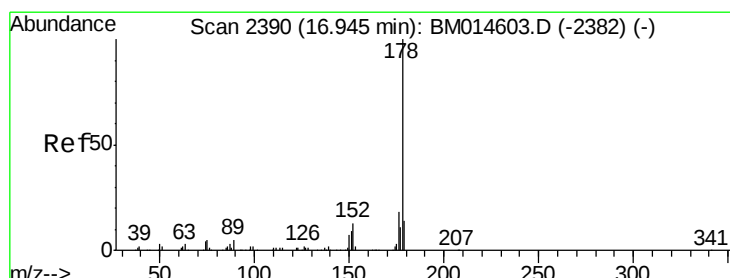
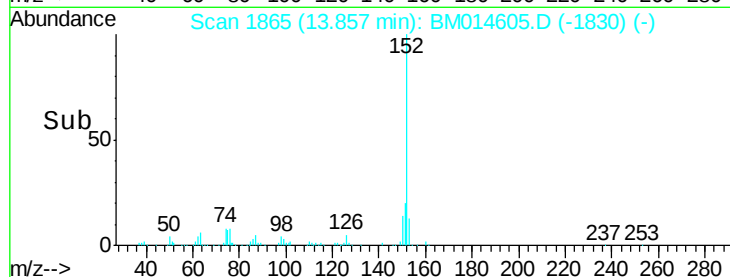
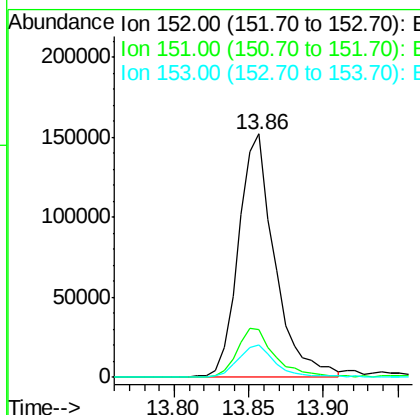
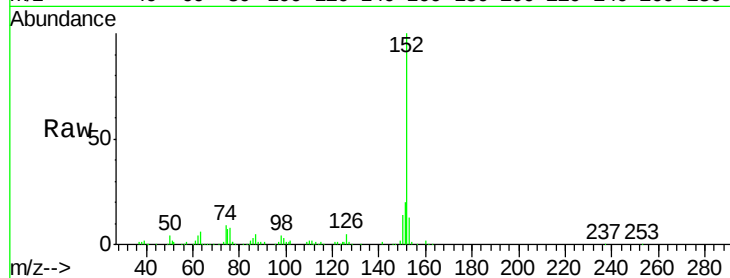
ClientSampleId :

BEL02DL

Tot Ion:	152	Resp:	256762
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	13.4	10.2	15.4

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#14

Phenanthrene

Concen: 30.206 ng/ul

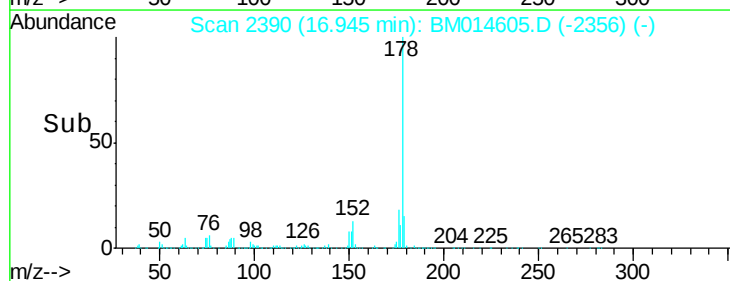
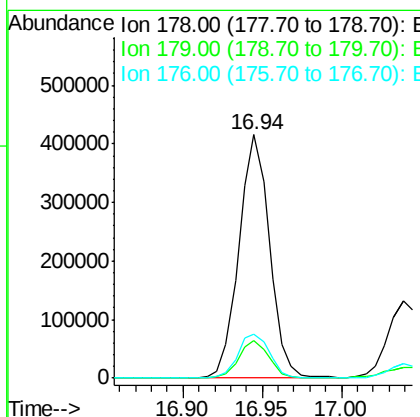
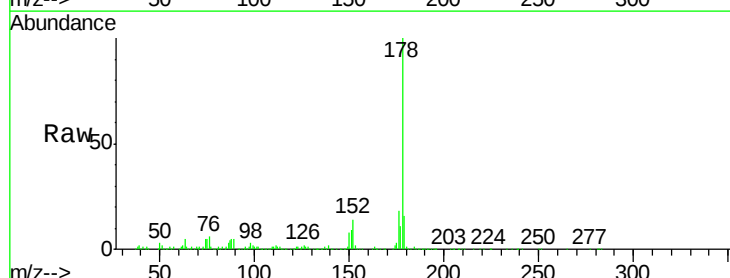
RT: 16.94 min Scan# 2390

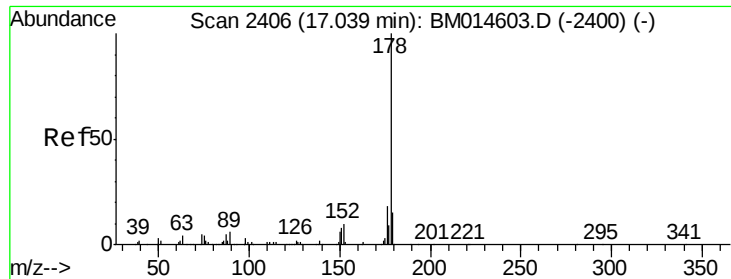
Delta R.T. -0.00 min

Lab File: BM014605.D

Acq: 16 Mar 2018 10:57

Tgt Ion:	178	Resp:	555238
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.2	14.9	22.3





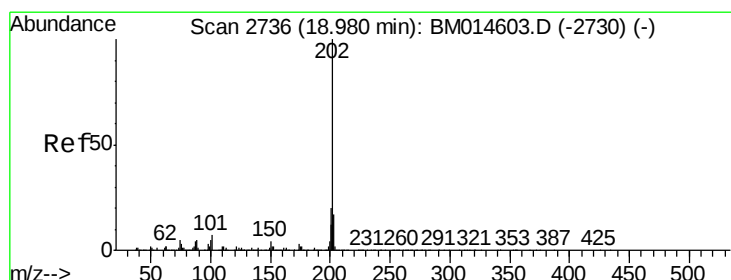
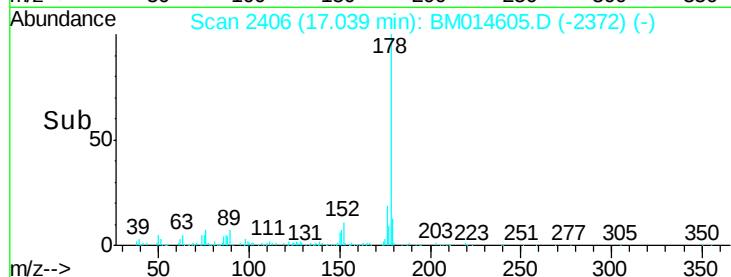
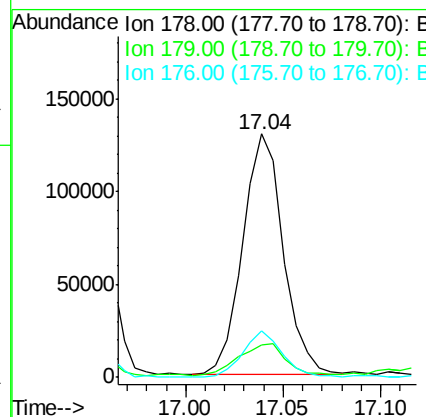
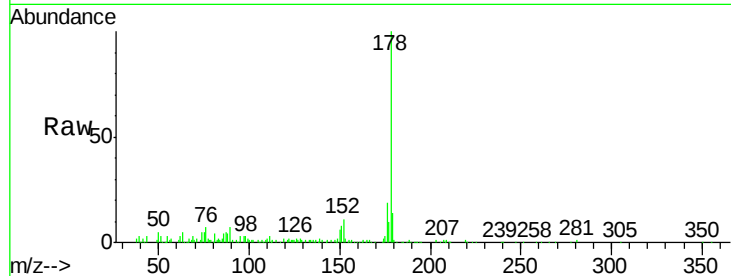
#16
 Anthracene
 Concen: 10.174 ng/ul
 RT: 17.04 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BM014605.D
 Acq: 16 Mar 2018 10:57

Instrument :
 BNA_M
 ClientSampleId :
 BEL02DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.6	11.7	17.5
176	19.0	14.6	21.8

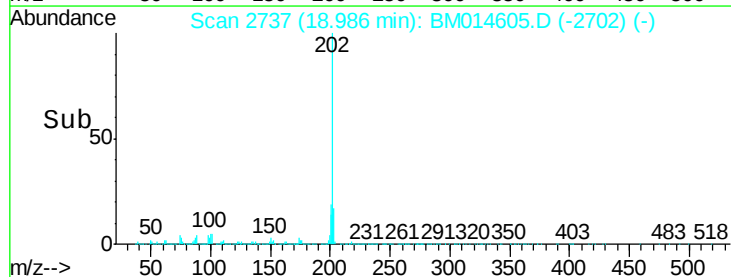
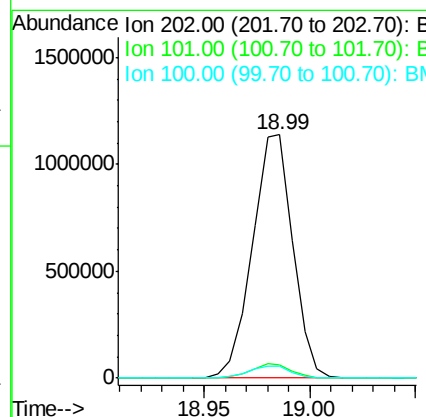
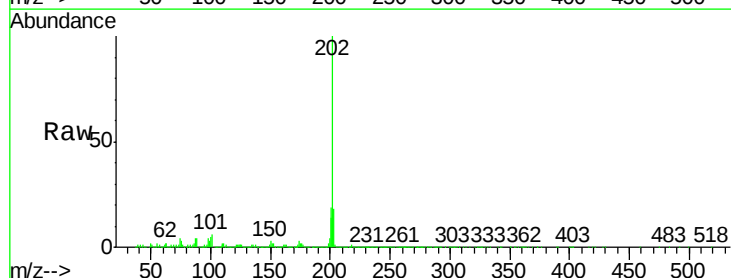
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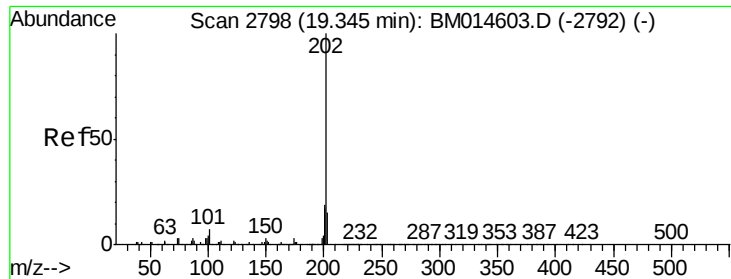
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#17
 Fluoranthene
 Concen: 72.557 ng/ul
 RT: 18.99 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BM014605.D
 Acq: 16 Mar 2018 10:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
100	5.0	3.4	5.2





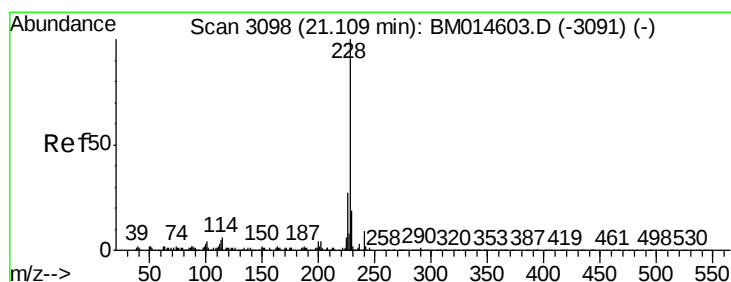
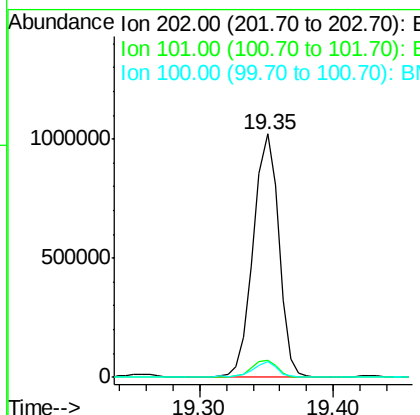
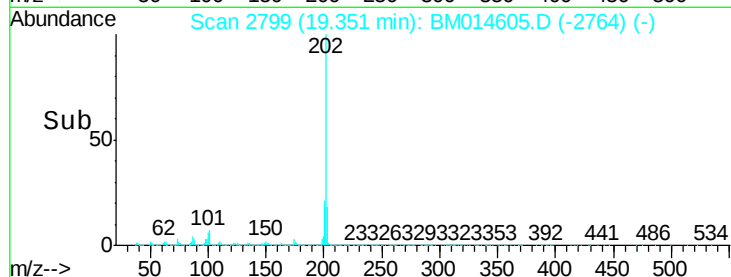
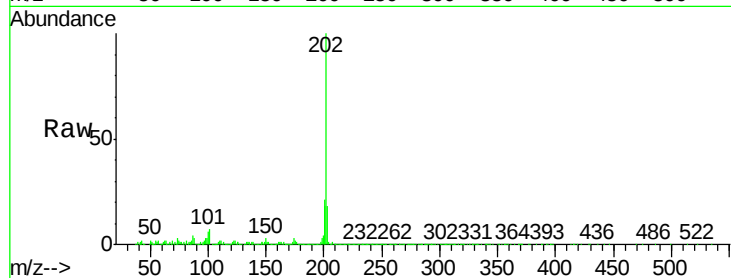
#20
Pvrene
Concen: 53.574 ng/ul
RT: 19.35 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM014605.D
Acq: 16 Mar 2018 10:57

Instrument :
BNA_M
ClientSampled :
BEL02DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.1	7.7
100	6.2	4.9	7.3

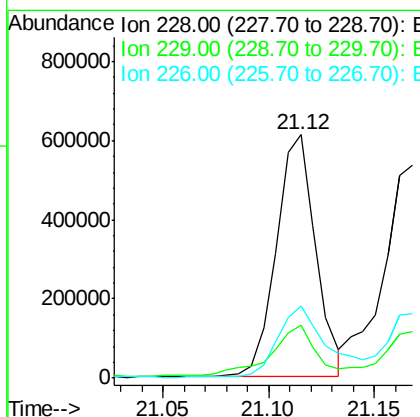
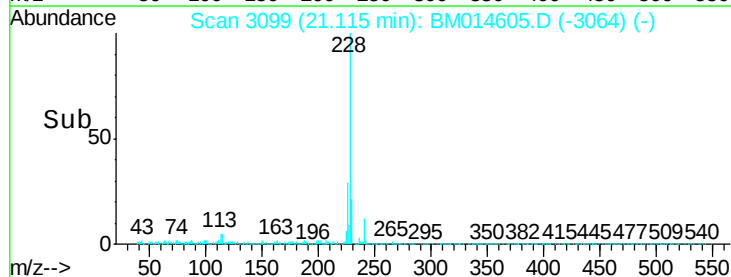
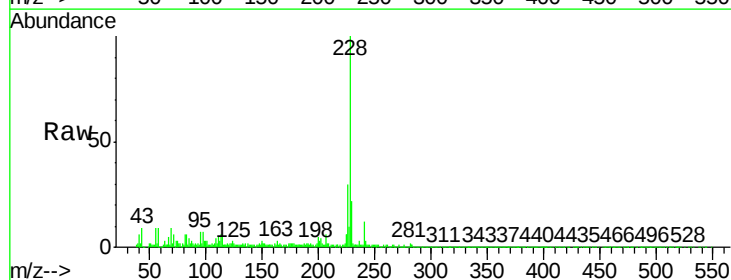
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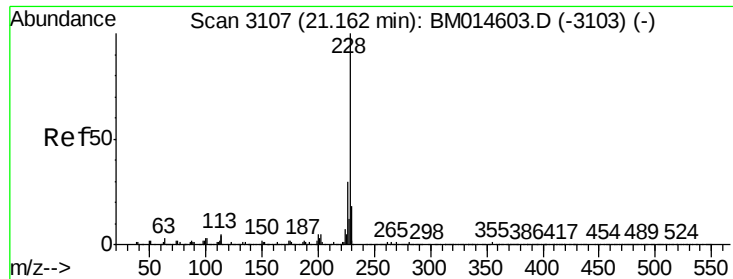
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#21
Benzo(a)anthracene
Concen: 37.702 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM014605.D
Acq: 16 Mar 2018 10:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	29.7	21.4	32.0





#22

Chrysene

Concen: 37.991 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM014605.D

Acq: 16 Mar 2018 10:57

Instrument :

BNA_M

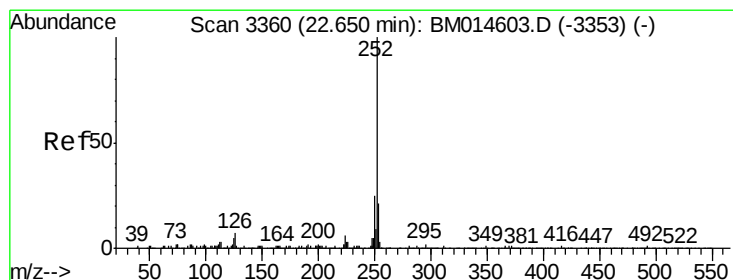
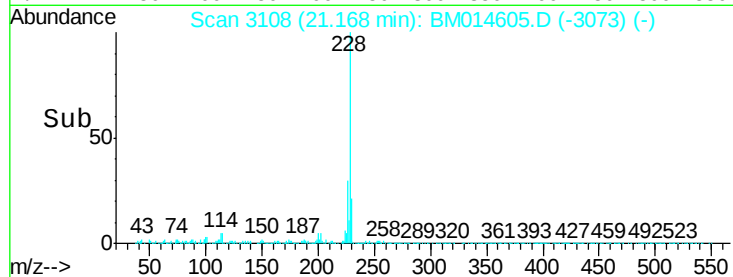
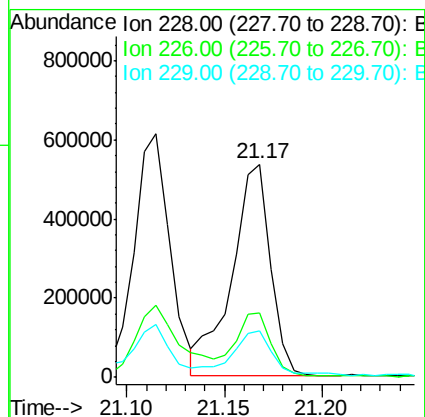
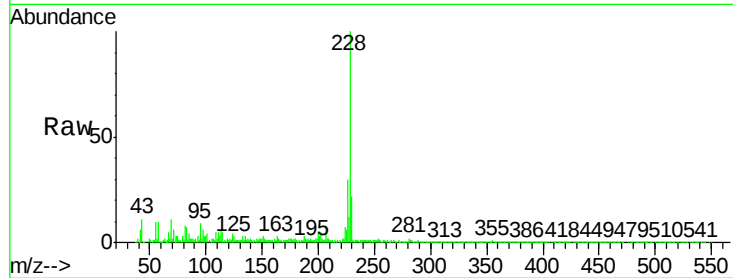
ClientSampleId :

BEL02DL

Tot Ion:	228	Resp:	736309
Ion Ratio		Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.9	15.5	23.3

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#24

Benzo(b)fluoranthene

Concen: 48.227 ng/ul

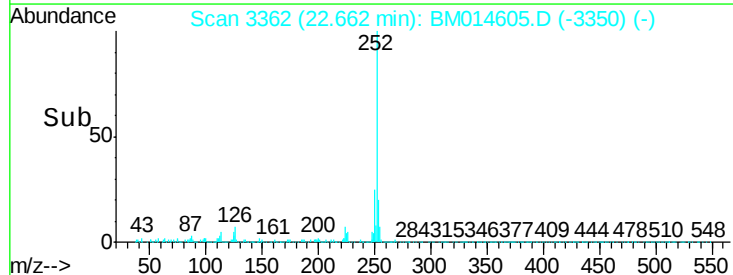
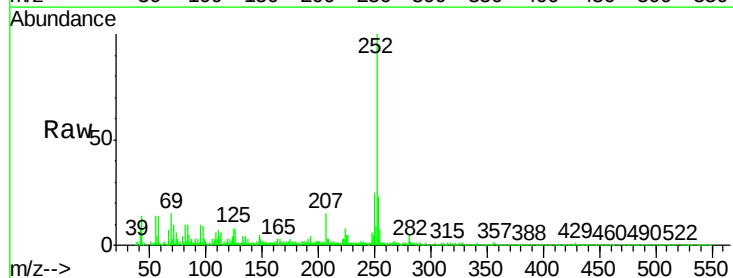
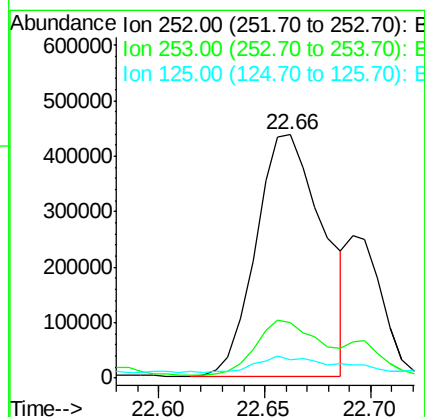
RT: 22.66 min Scan# 3362

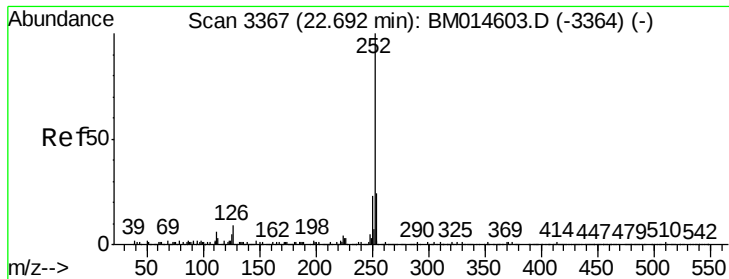
Delta R.T. 0.01 min

Lab File: BM014605.D

Acq: 16 Mar 2018 10:57

Tgt Ion:	252	Resp:	966357
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.5	3.6	5.4#





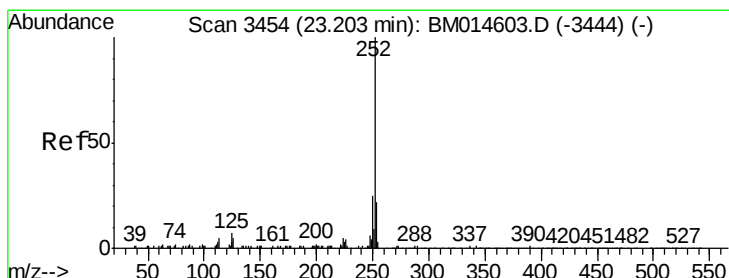
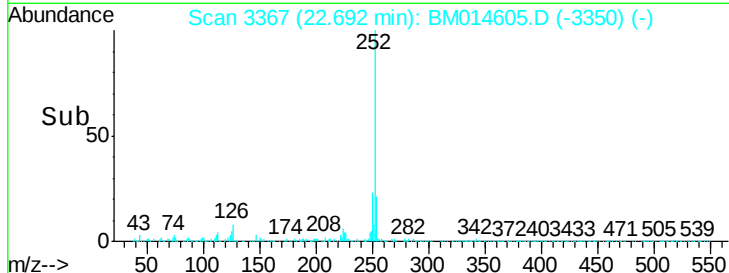
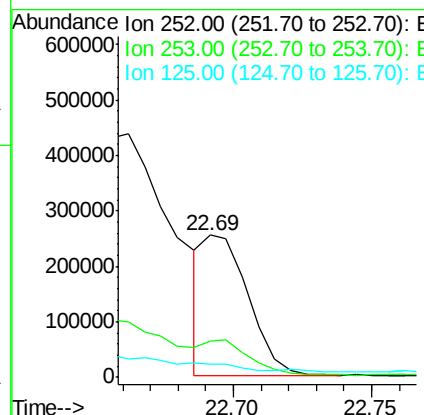
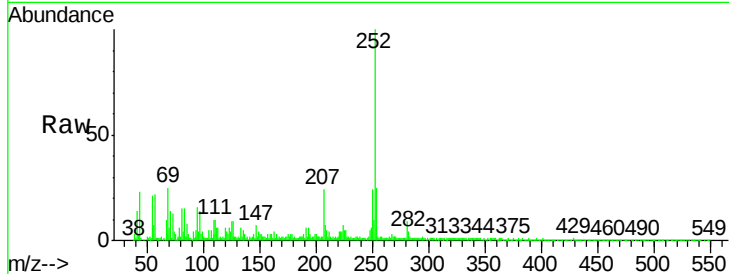
#25
Benzo(k)fluoranthene
Concen: 15.126 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BM014605.D
Acq: 16 Mar 2018 10:57

Instrument :
BNA_M
ClientSampled :
BEL02DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	17.1	25.7
125	9.2	3.4	5.2

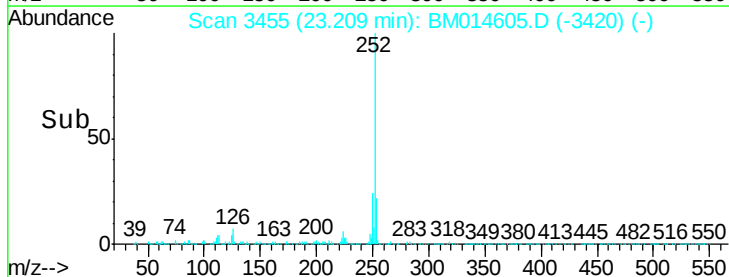
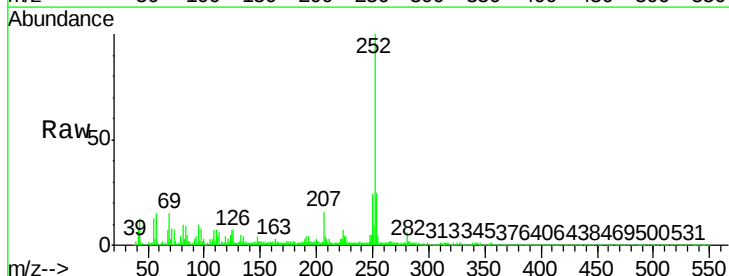
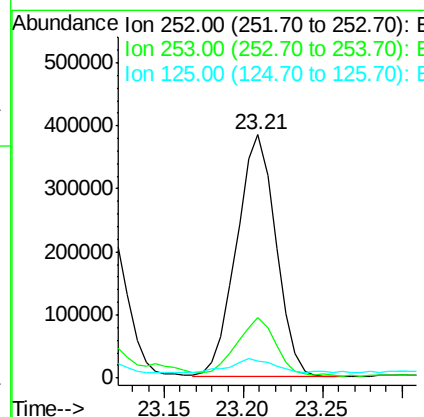
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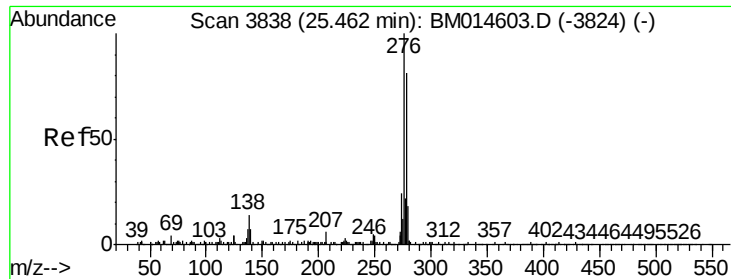
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#27
Benzo(a)pyrene
Concen: 34.807 ng/ul
RT: 23.21 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM014605.D
Acq: 16 Mar 2018 10:57

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.9	18.2	27.2
125	7.1	4.0	6.0





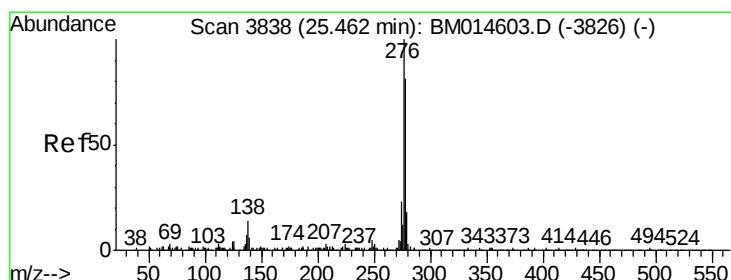
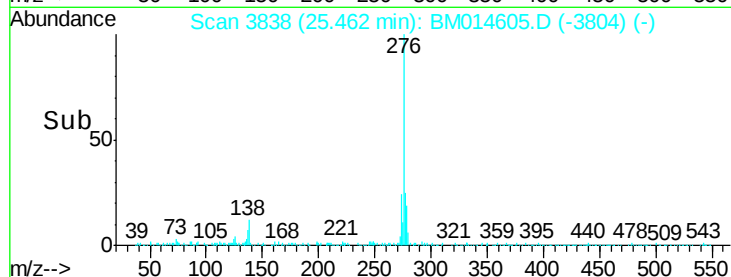
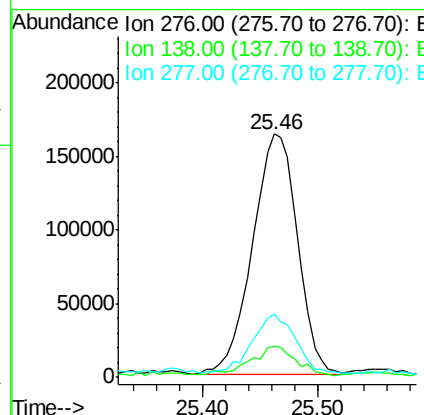
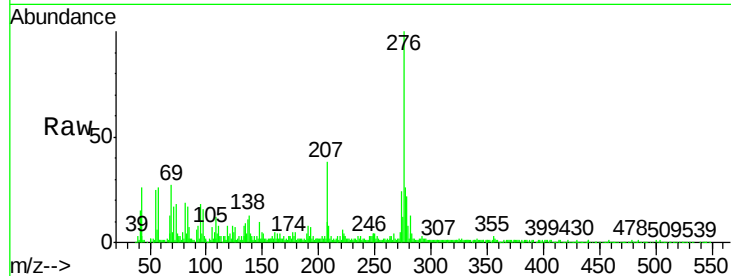
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 20.086 ng/ul
 RT: 25.46 min Scan# 3838
 Delta R.T. -0.00 min
 Lab File: BM014605.D
 Acq: 16 Mar 2018 10:57

Instrument :
 BNA_M
 ClientSampleID :
 BEL02DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.3	13.9
277	25.9	19.9	29.9

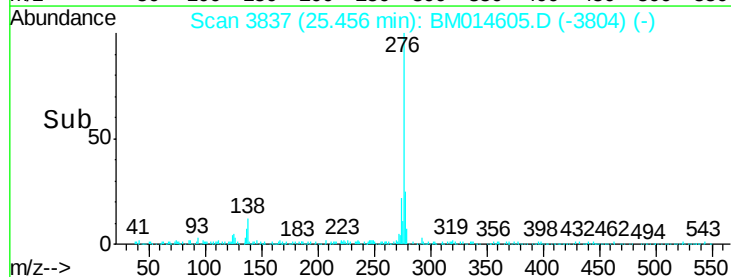
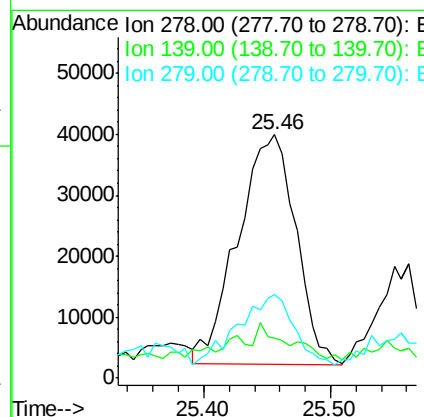
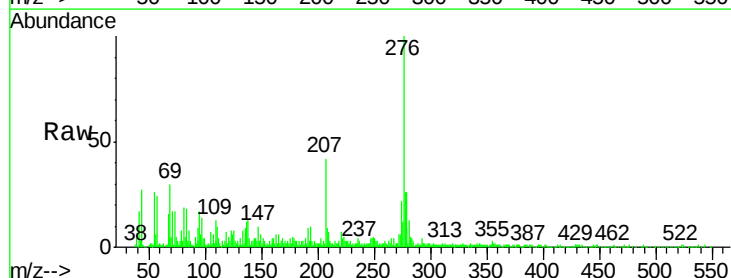
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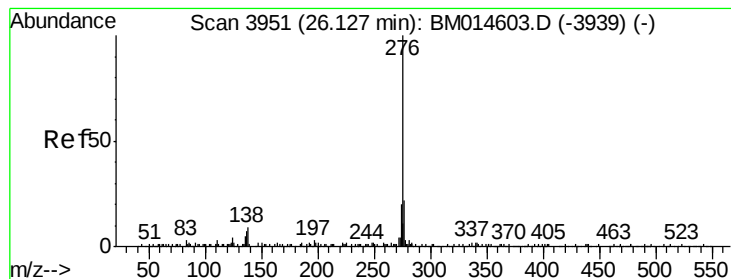
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#29
 Dibenzo(a,h)anthracene
 Concen: 6.506 ng/ul
 RT: 25.46 min Scan# 3837
 Delta R.T. -0.01 min
 Lab File: BM014605.D
 Acq: 16 Mar 2018 10:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	5.8	8.8#
279	34.4	18.6	27.8#





#30

Benzo(a,h,i)perylene

Concen: 23.111 ng/ul

RT: 26.13 min Scan# 3951

Delta R.T. -0.00 min

Lab File: BM014605.D

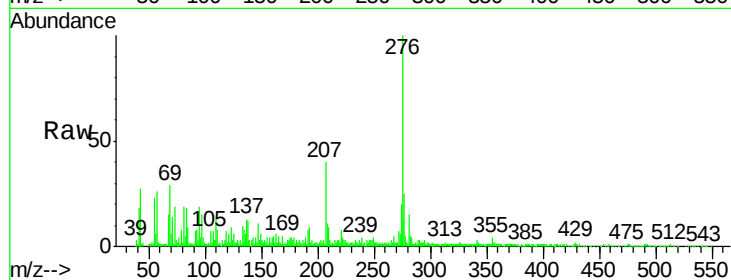
Acq: 16 Mar 2018 10:57

Instrument :

BNA_M

ClientSampleId :

BEL02DL



Tot Ion:	276	Resp:	402986
Ion Ratio	Lower	Upper	
276	100		
138	11.6	8.5	12.7
277	24.6	18.6	28.0

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