

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020473.D
 Acq On : 21 May 2019 23:10
 Operator : JU/SJ
 Sample : K2923-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4253

Manual Integrations
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Quant Time: May 22 06:26:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	58388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	216770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	131428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	332256	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	384653	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	438926	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6502	4.11	ng/uL	0.00
5) Phenol-d5	6.89	99	85659	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	57697	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	67422	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	59360	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28636	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	33361	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	64722	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	55796	16.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	209771	22.18	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	245507	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	14283	10.40	ng/ul	0.00
57) Fluorene-d10	15.37	176	191329	22.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	23097	12.20	ng/ul	0.00
70) Anthracene-d10	17.23	188	287972	20.21	ng/ul	0.00
78) Pyrene-d10	19.53	212	376564	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	420396	21.08	ng/ul	-0.01

Target Compounds

					Ovalue	
4) Benzaldehyde	6.89	77	4495	1.126	ng/ul#	83
44) Dimethylphthalate	13.83	163	70808	7.570	ng/ul	99
69) Phenanthrene	17.17	178	89612	5.660	ng/ul	99
76) Fluoranthene	19.19	202	175492	8.776	ng/ul	99
79) Pyrene	19.56	202	147190	6.375	ng/ul	99
82) Benzo(a)anthracene	21.30	228	78447	3.388	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.22	149	52331	4.981	ng/ul	99
84) Chrysene	21.36	228	74921	3.386	ng/ul	96
87) Benzo(b)fluoranthene	22.90	252	112373	4.486	ng/ul#	98
88) Benzo(k)fluoranthene	22.94	252	29210m	1.187	ng/ul	
90) Benzo(a)pyrene	23.49	252	67036	2.844	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	49711	1.851	ng/ul	95
93) Benzo(g,h,i)perylene	26.60	276	45392	2.041	ng/ul	96

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

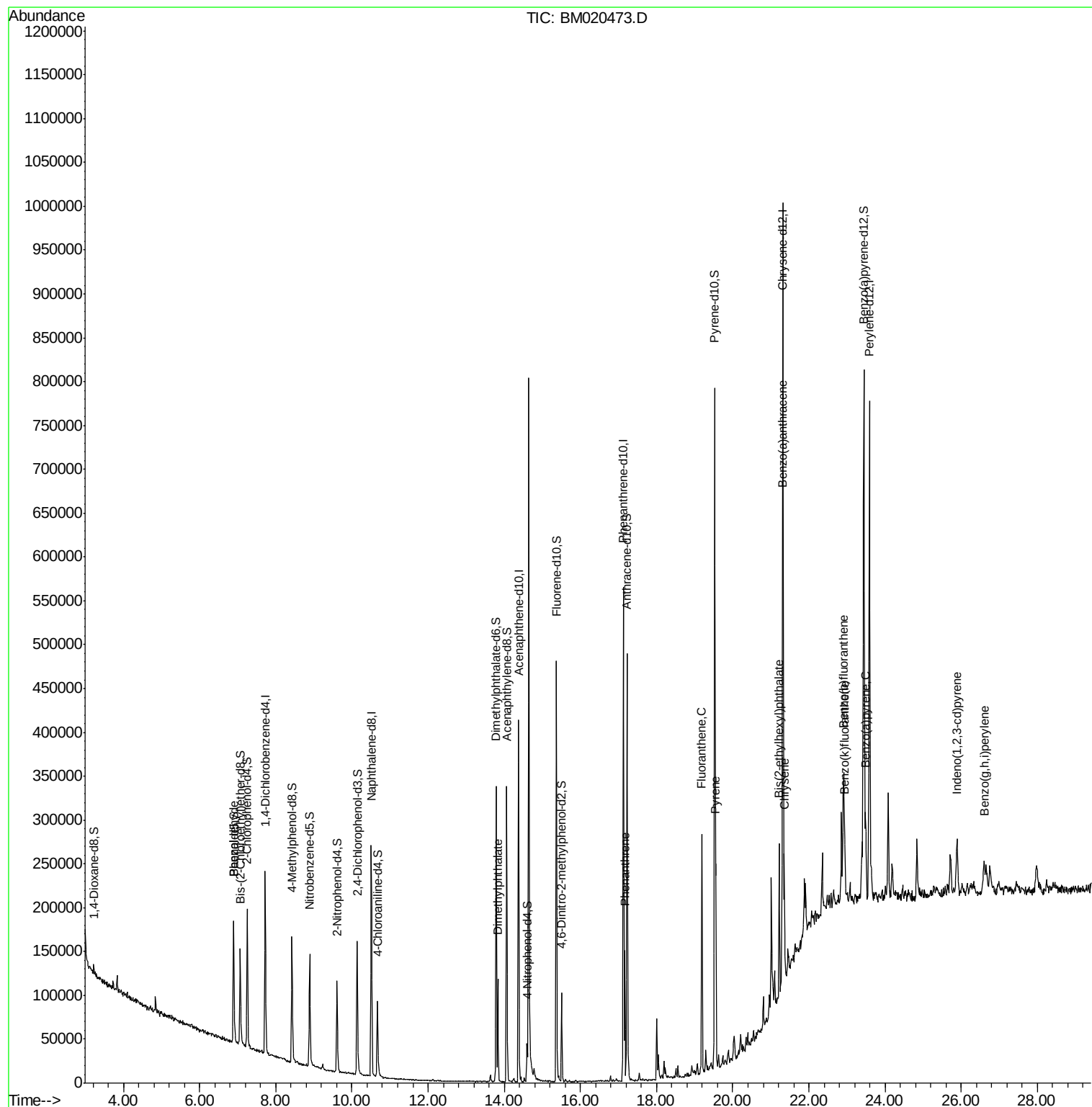
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020473.D
Acq On : 21 May 2019 23:10
Operator : JU/SJ
Sample : K2923-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

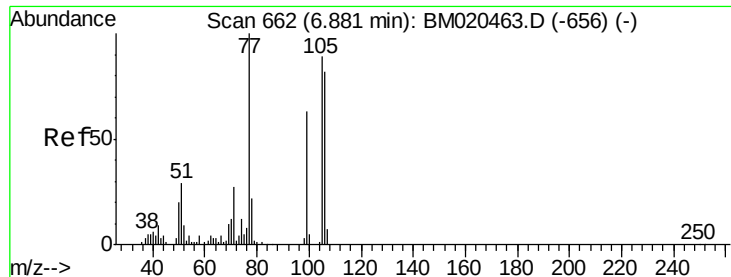
Instrument :
BNA_M
ClientSampleId :
A4253

Quant Time: May 22 06:26:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
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#4

Benzaldehyde

Concen: 1.126 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

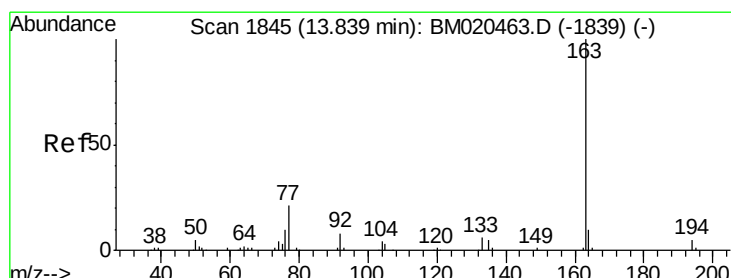
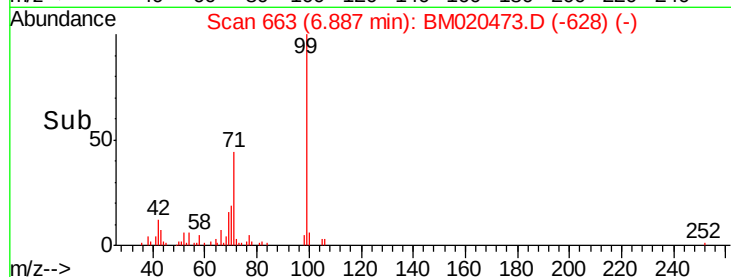
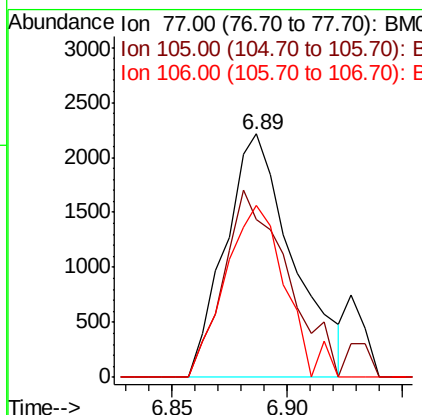
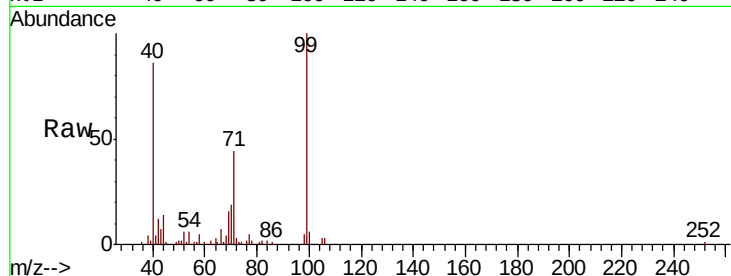
ClientSampleId :

A4253

Tot Ion	Ratio	Lower	Upper
77	100		
105	64.9	67.4	101.0#
106	70.7	64.8	97.2

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#44

Dimethylphthalate

Concen: 7.570 ng/ul

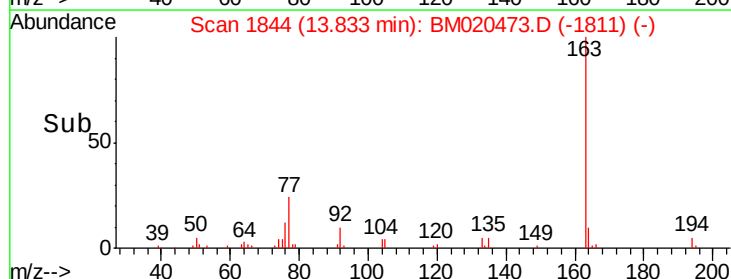
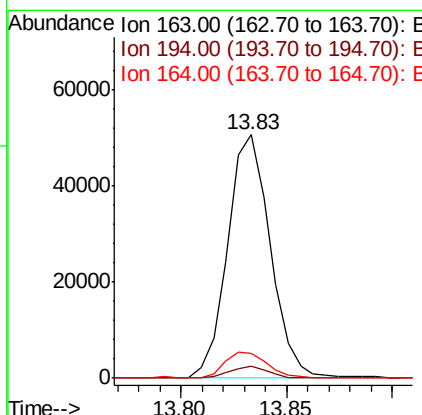
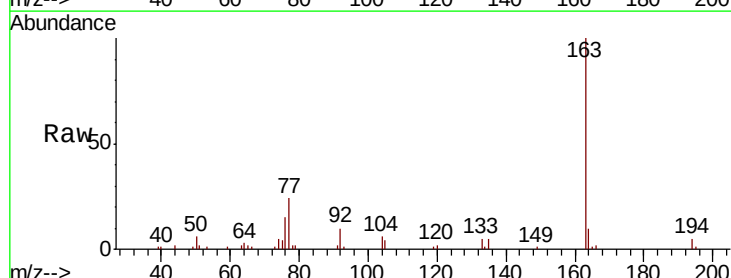
RT: 13.83 min Scan# 1844

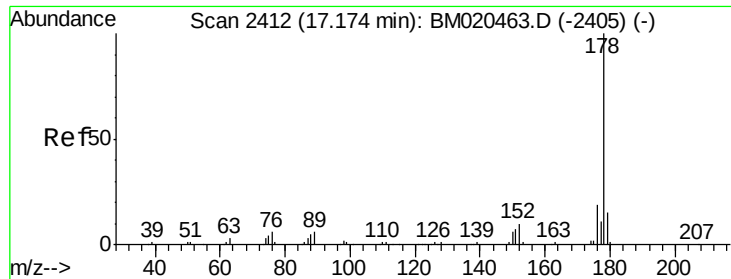
Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	10.0	8.0	12.0





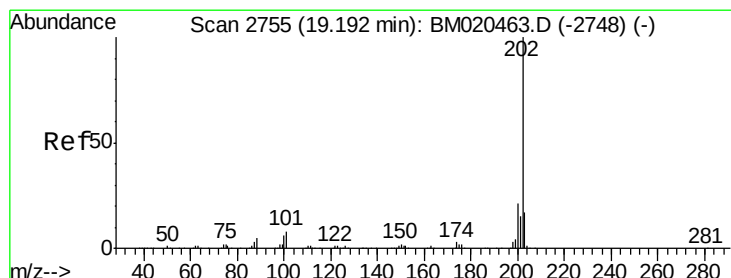
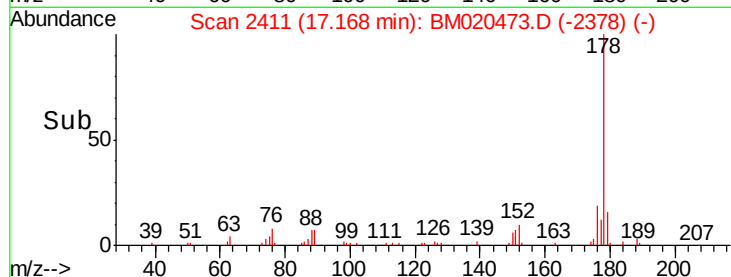
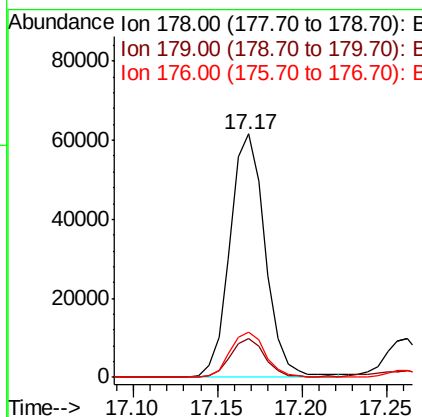
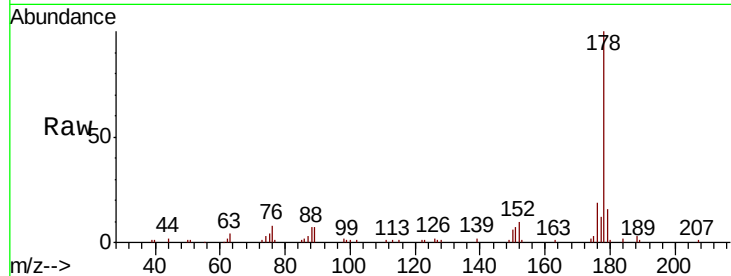
#69
 Phenanthrene
 Concen: 5.660 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

Instrument :
 BNA_M
 ClientSampleId :
 A4253

Tot Ion:	178	Resp:	89612
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.9	17.9
176	18.6	14.6	22.0

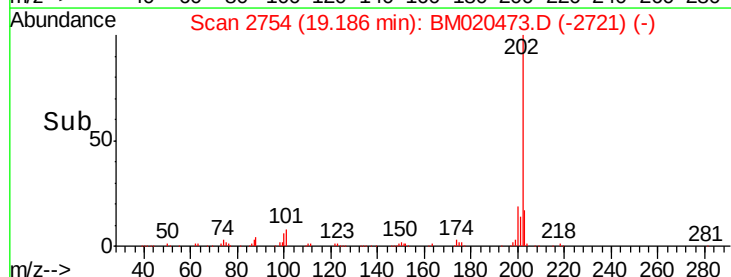
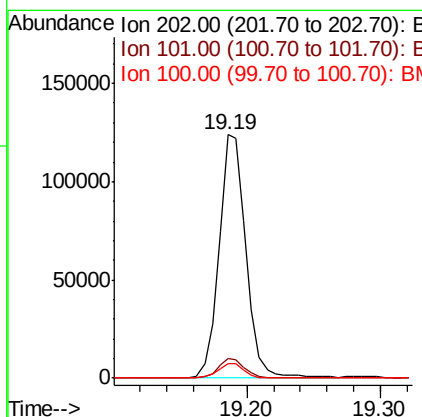
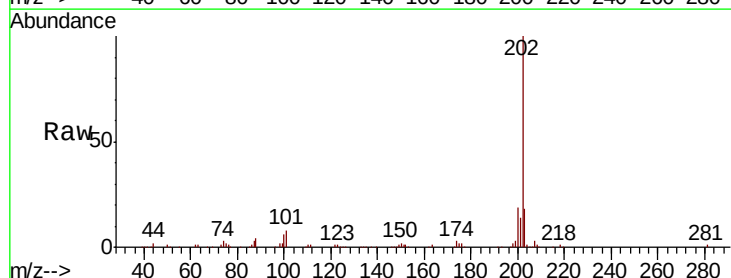
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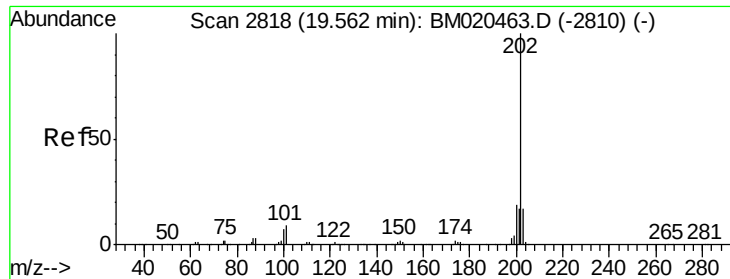
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#76
 Fluoranthene
 Concen: 8.776 ng/ul
 RT: 19.19 min Scan# 2754
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

Tgt Ion:	202	Resp:	175492
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.4	9.6
100	6.1	5.2	7.8





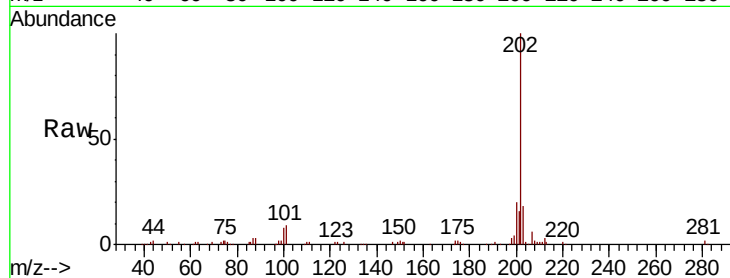
#79
Pvrene
Concen: 6.375 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BM020473.D
Acq: 21 May 2019 23:10

Instrument :
BNA_M
ClientSampled :
A4253

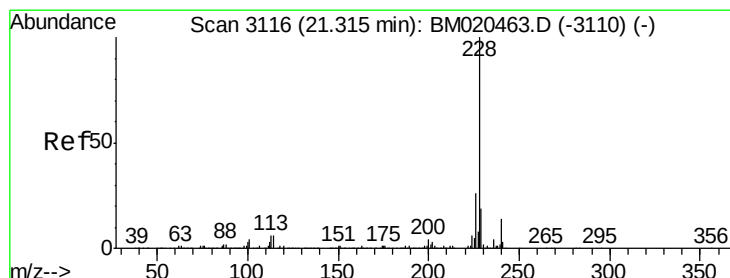
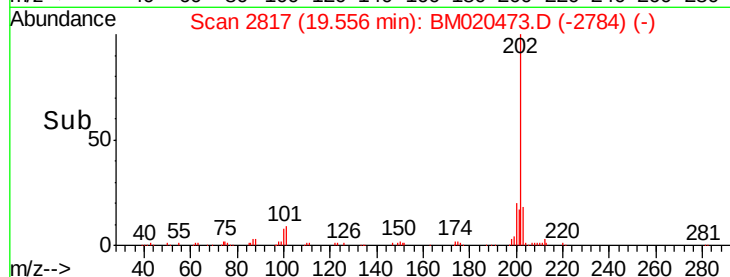
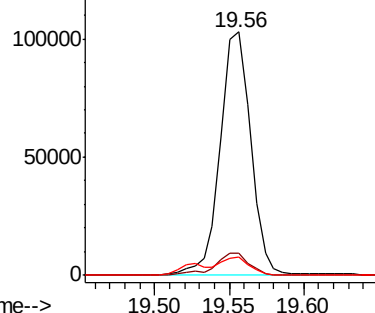
Tot Ion:	202	Resp:	147190
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.1	10.7
100	7.7	5.9	8.9

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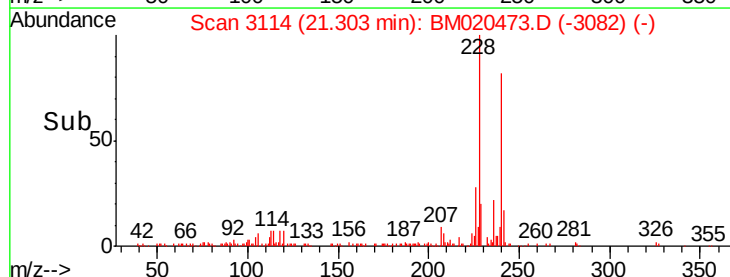
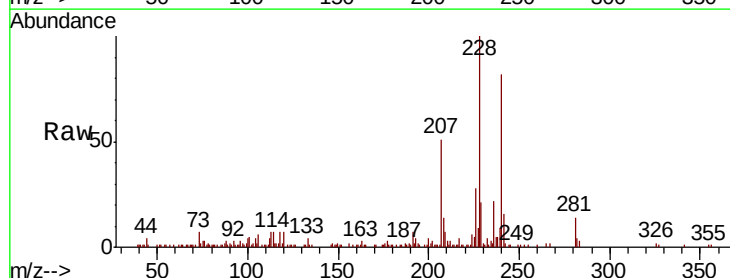
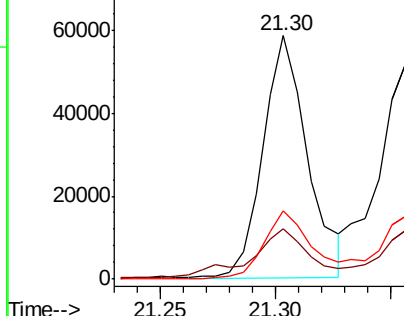
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

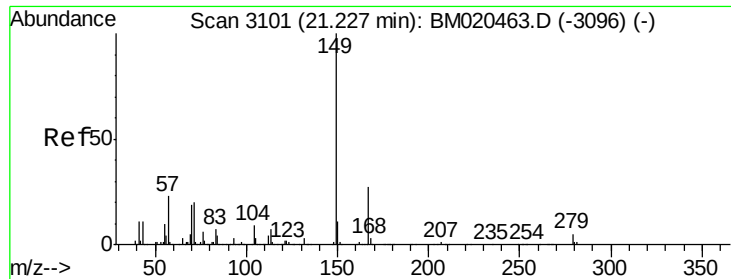


#82
Benzo(a)anthracene
Concen: 3.388 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020473.D
Acq: 21 May 2019 23:10

Tgt Ion:	228	Resp:	78447
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.8
226	28.0	20.6	30.8

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





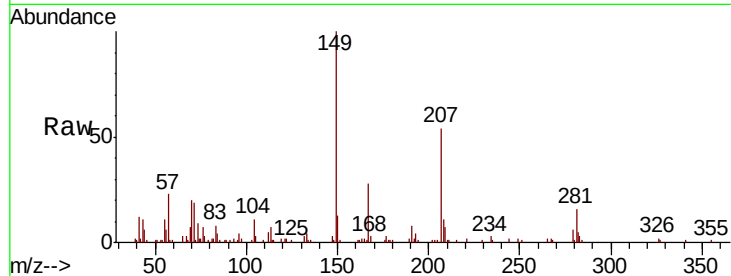
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.981 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM020473.D
Acq: 21 May 2019 23:10

Instrument :
BNA_M
ClientSampleId :
A4253

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	5.8	4.2	6.2

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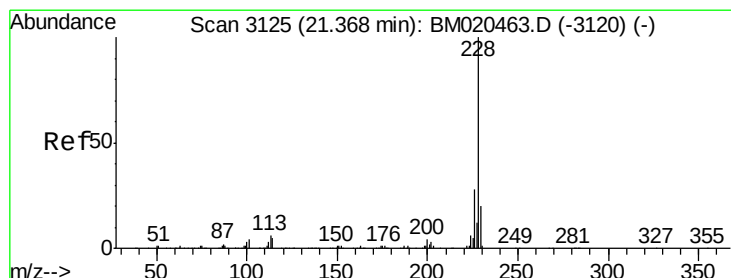
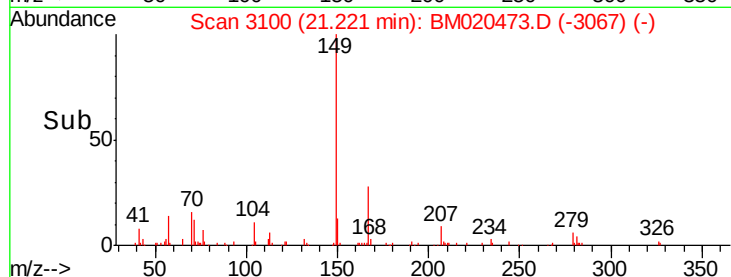
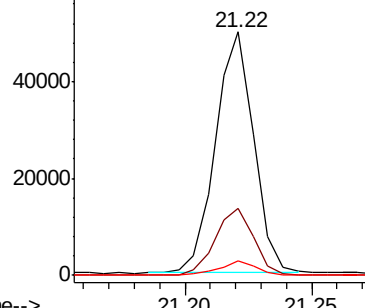


Abundance

Ion 149.00 (148.70 to 149.70): E

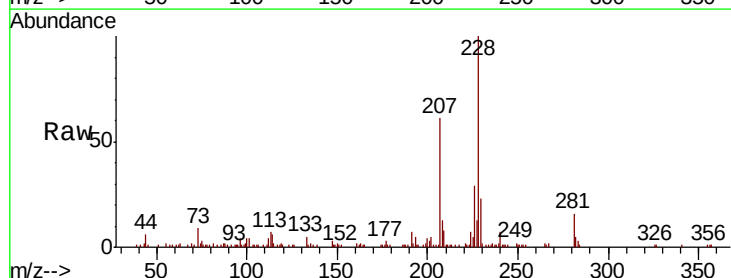
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Chrysene
Concen: 3.386 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020473.D
Acq: 21 May 2019 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	22.5	15.4	23.2

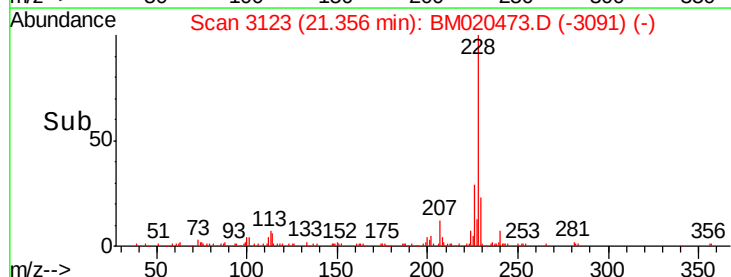
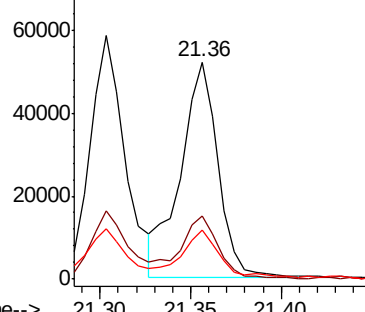


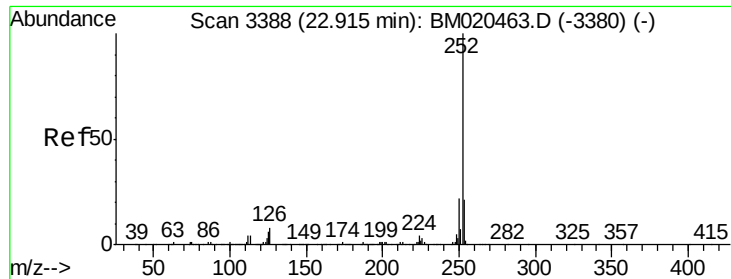
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 4.486 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

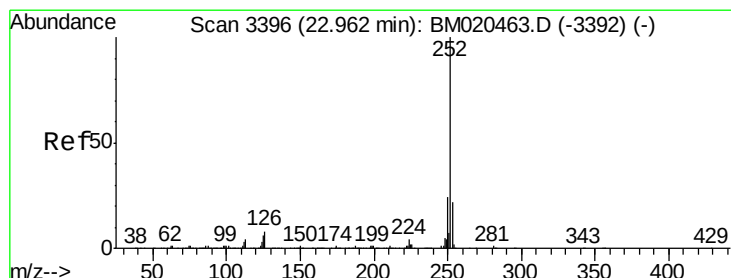
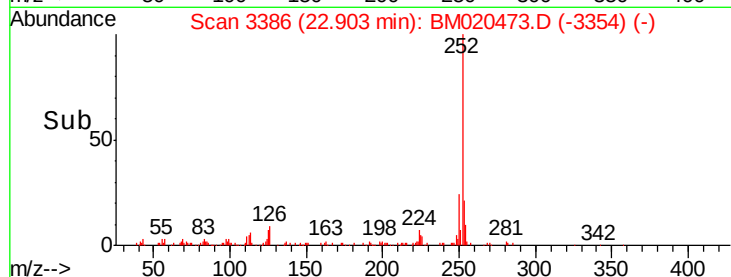
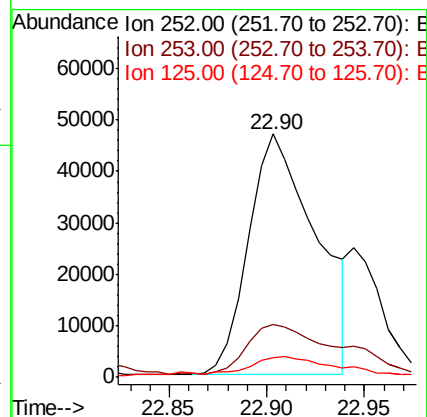
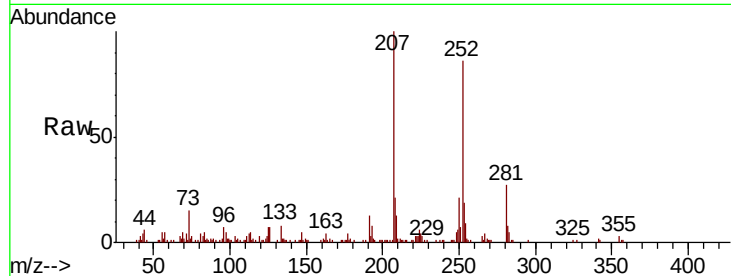
ClientSampleId :

A4253

Tot Ion:	252	Resp:	112373
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.0	25.6
125	7.9	5.0	7.4#

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#88

Benzo(k)fluoranthene

Concen: 1.187 ng/ul m

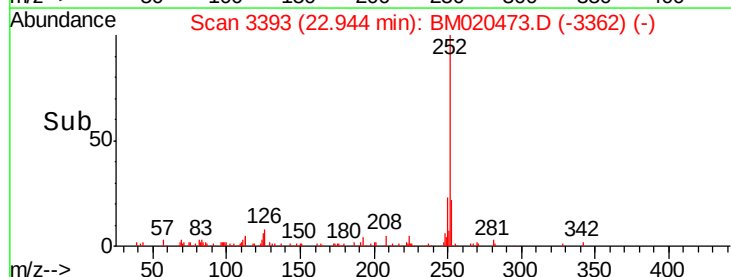
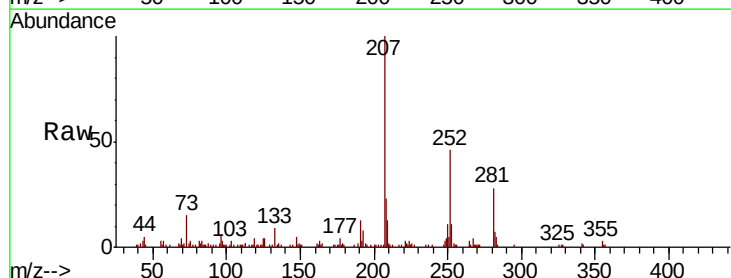
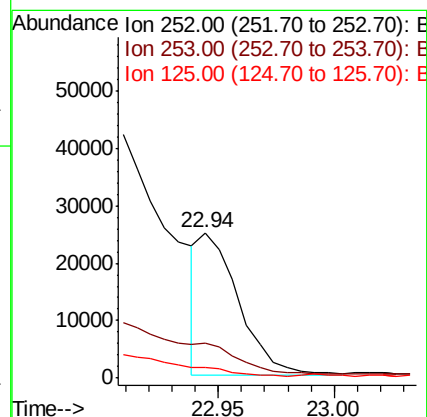
RT: 22.94 min Scan# 3393

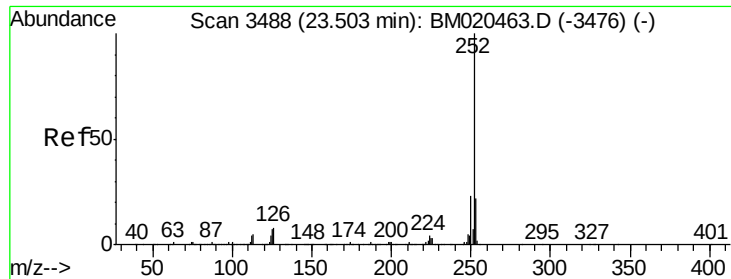
Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Tgt Ion:	252	Resp:	29210
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	7.8	5.0	7.6#





#90

Benzo(a)pyrene

Concen: 2.844 ng/ul

RT: 23.49 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

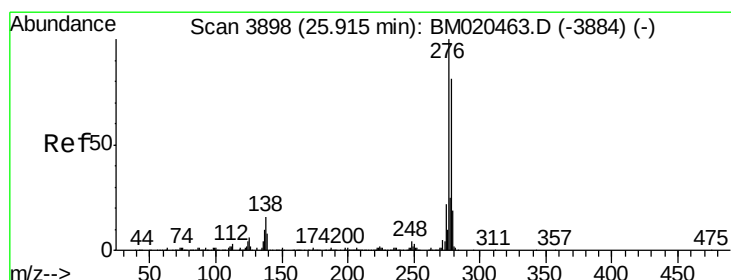
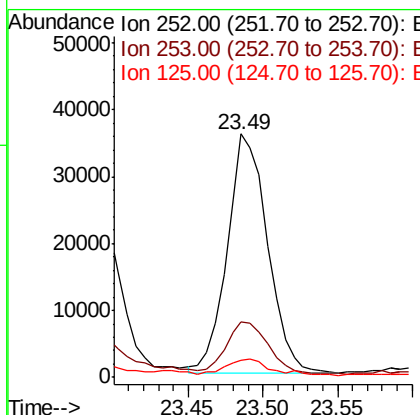
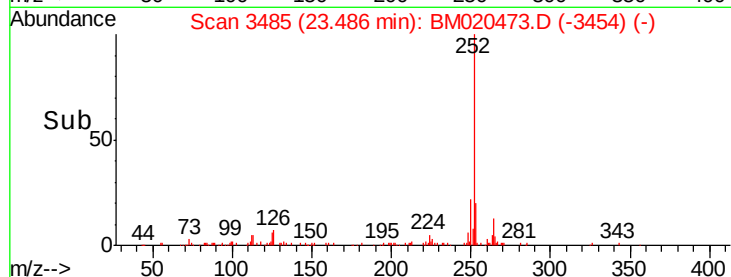
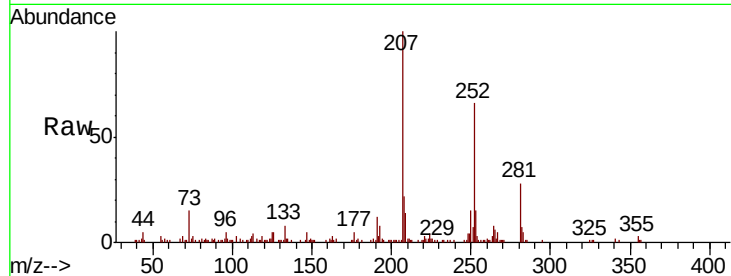
ClientSampled :

A4253

Tot Ion:	252	Resp:	67036
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	7.1	5.4	8.2

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.851 ng/ul

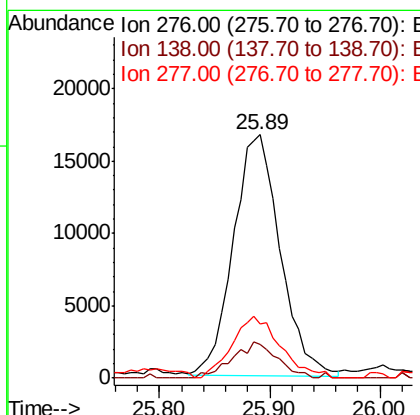
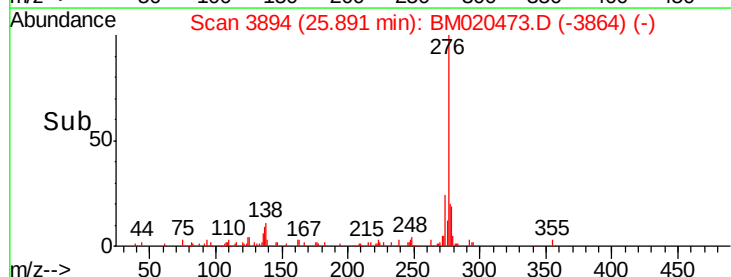
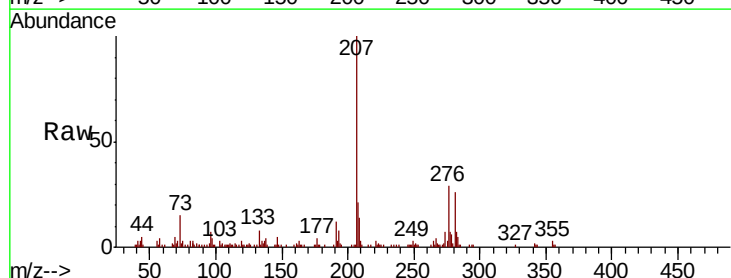
RT: 25.89 min Scan# 3894

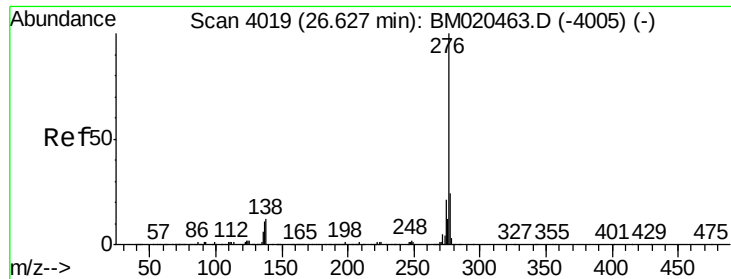
Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Tgt Ion:	276	Resp:	49711
Ion Ratio	Lower	Upper	
276	100		
138	13.6	12.3	18.5
277	22.1	20.0	30.0





#93
 Benzo(a,h,i)perylene
 Concen: 2.041 ng/ul
 RT: 26.60 min Scan# 4015
 Delta R.T. -0.02 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

Instrument :
 BNA_M
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 A4253

Tot Ion:	276	Resp:	45392
Ion Ratio	Lower	Upper	
276	100		
138	12.2	10.0	15.0
277	25.7	18.2	27.4

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