

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101518\
 Data File : BE097901.D
 Acq On : 15 Oct 2018 15:52
 Operator : SJ/JU
 Sample : J5184-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JLC23

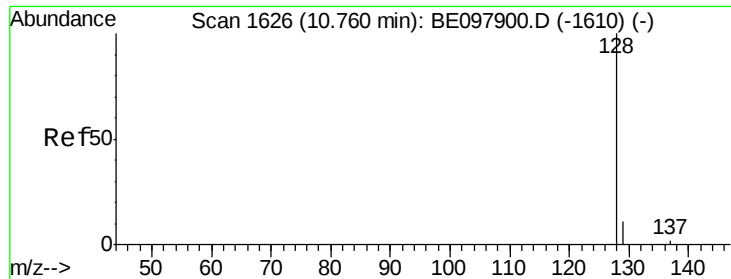
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Quant Time: Oct 15 17:03:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 16:15:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	8268	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17519m	0.40	ng/ul	0.00
16) Chrysene-d12	21.51	240	16775m	0.40	ng/ul	0.00
20) Perylene-d12	24.12	264	13938m	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	5787	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	14834m	0.26	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	1024	0.036	ng/ul#	75
5) 2-Methylnaphthalene	12.37	142	704	0.035	ng/ul	96
7) Acenaphthylene	14.28	152	3817	0.122	ng/ul#	74
9) Fluorene	15.61	166	1360	0.043	ng/ul#	77
12) Phenanthrene	17.36	178	29119m	0.702	ng/ul	
13) Anthracene	17.45	178	7272m	0.189	ng/ul	
15) Fluoranthene	19.38	202	75988m	1.427	ng/ul	
17) Pyrene	19.74	202	94294	1.887	ng/ul	98
18) Benzo(a)anthracene	21.49	228	49502m	0.976	ng/ul	
19) Chrysene	21.55	228	167324m	3.672	ng/ul	
21) Benzo(b)fluoranthene	23.31	252	105601m	2.835	ng/ul	
22) Benzo(k)fluoranthene	23.36	252	26222m	0.658	ng/ul	
23) Benzo(a)pyrene	24.00	252	51351	1.404	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.87	276	45758	1.102	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.87	278	11818m	0.344	ng/ul	
26) Benzo(g,h,i)perylene	27.71	276	57123	1.579	ng/ul#	59

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



#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.75 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Instrument :

BNA_E

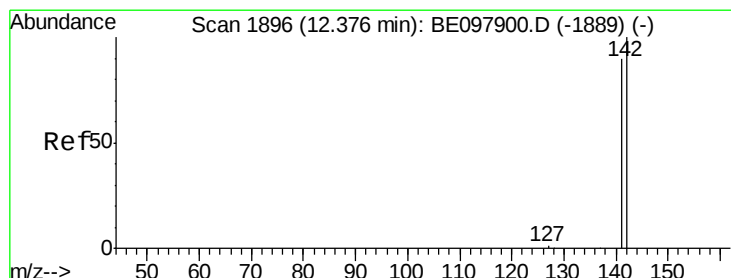
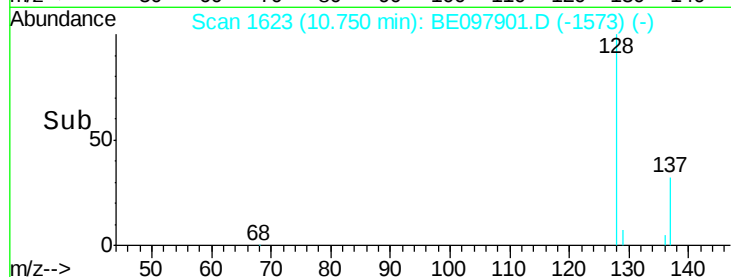
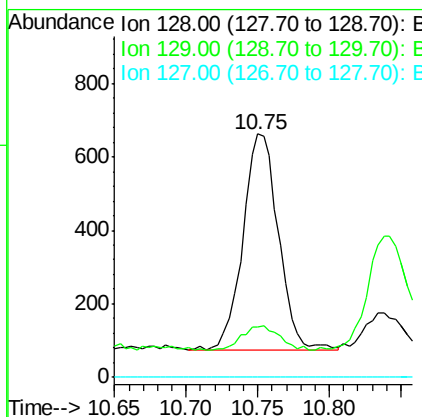
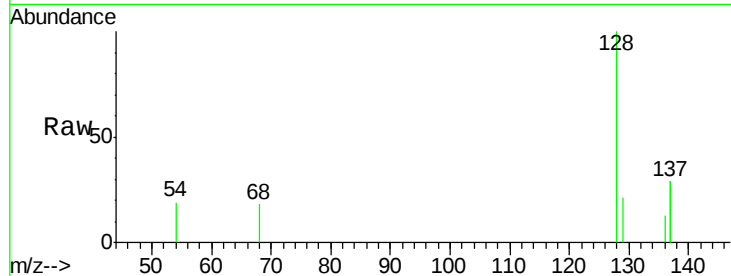
ClientSampleId :

JLC23

Tgt Ion:	128	Resp:	1024
Ion Ratio	Lower	Upper	
128	100		
129	20.8	9.1	13.7#
127	0.0	0.0	0.0

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

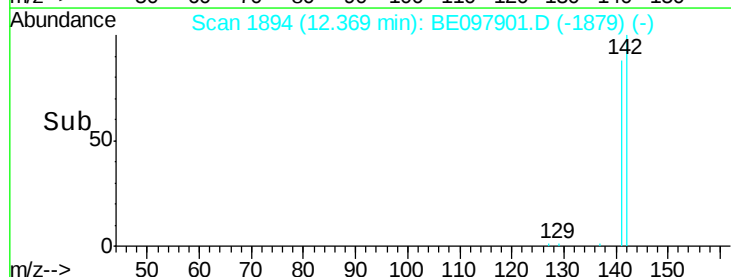
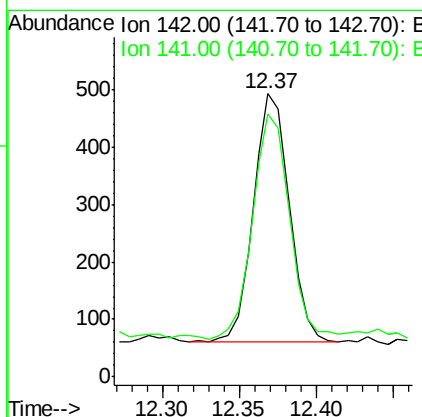
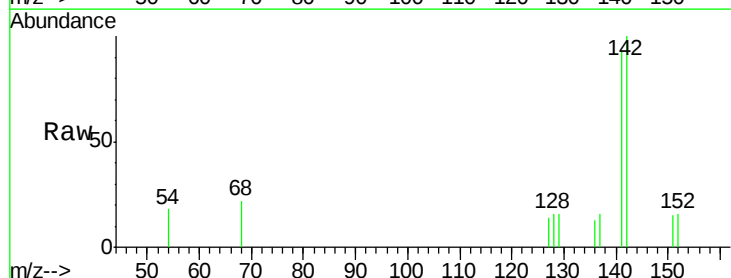
RT: 12.37 min Scan# 1894

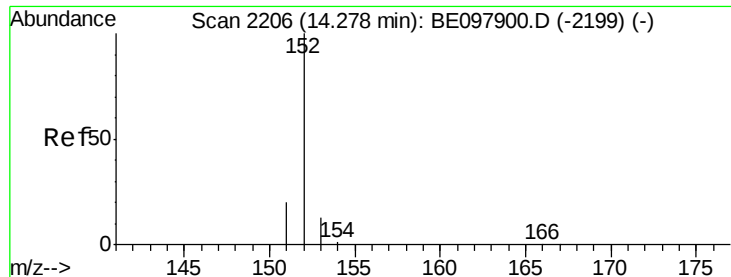
Delta R.T. -0.00 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Tgt Ion:	142	Resp:	704
Ion Ratio	Lower	Upper	
142	100		
141	93.5	71.6	107.4





#7

Acenaphthylene

Concen: 0.122 ng/ul

RT: 14.28 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Instrument :

BNA_E

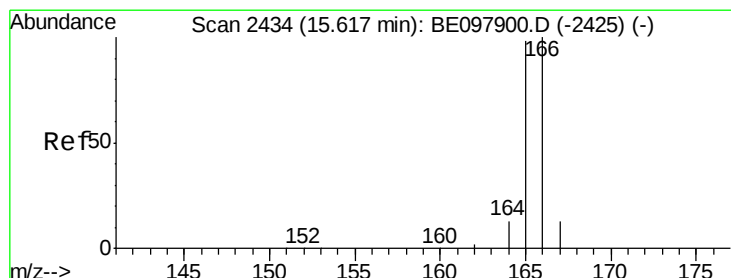
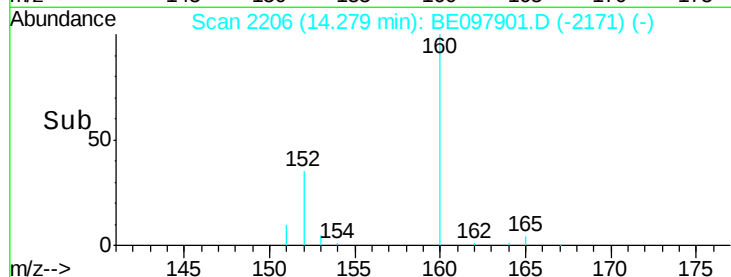
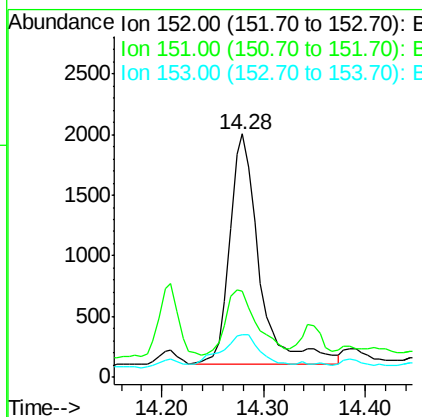
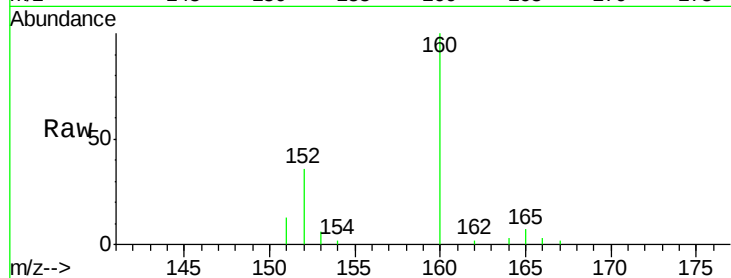
ClientSampled :

JLC23

Tgt Ion:	152	Resp:	3817
Ion Ratio	Lower	Upper	
152	100		
151	35.2	15.0	22.6#
153	17.5	10.5	15.7#

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#9

Fluorene

Concen: 0.043 ng/ul

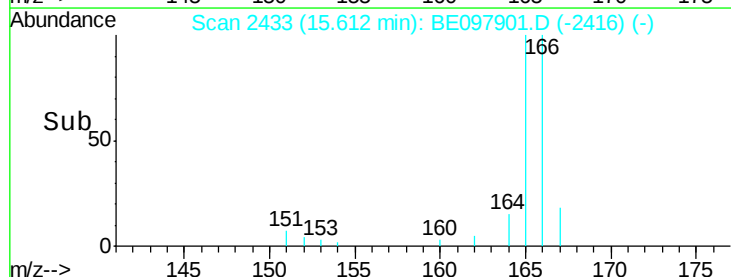
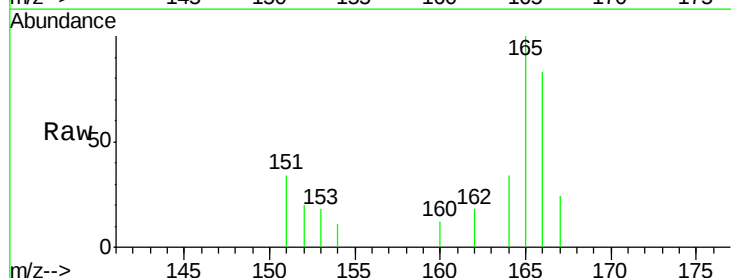
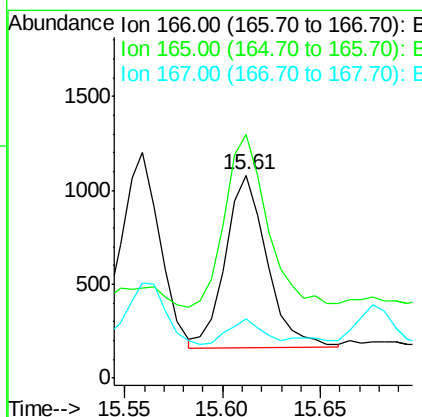
RT: 15.61 min Scan# 2433

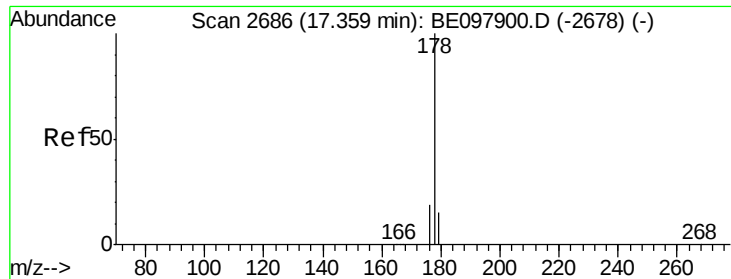
Delta R.T. 0.00 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Tgt Ion:	166	Resp:	1360
Ion Ratio	Lower	Upper	
166	100		
165	119.9	79.2	118.8#
167	29.0	11.3	16.9#





#12

Phenanthrene

Concen: 0.702 ng/ul m

RT: 17.36 min Scan# 2686

Delta R.T. -0.00 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Instrument :

BNA_E

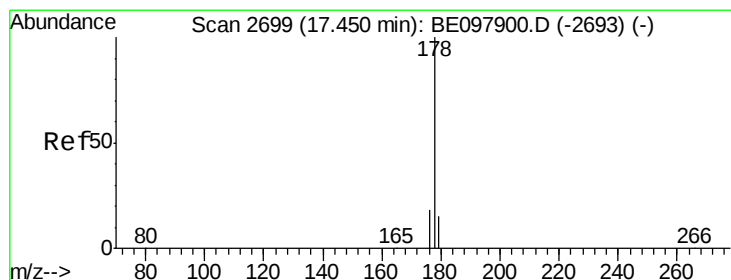
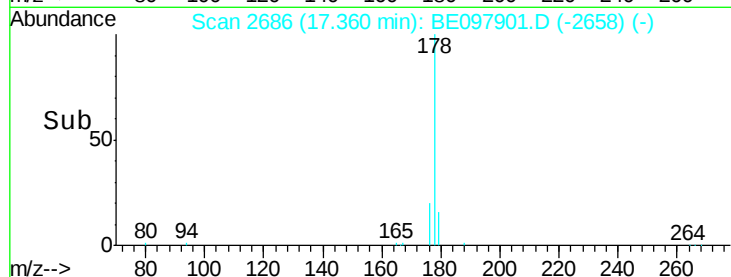
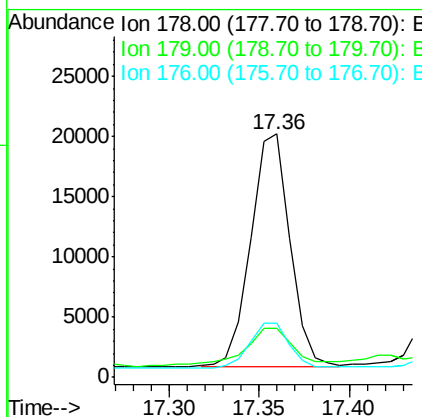
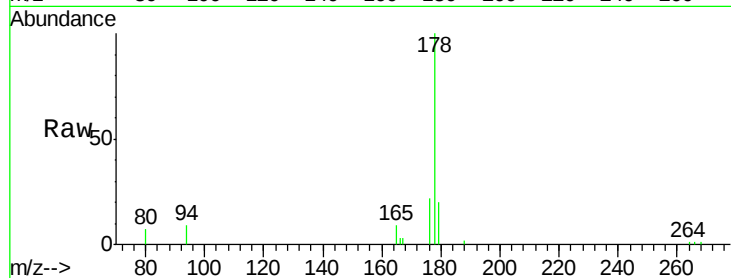
ClientSampleId :

JLC23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.8	19.2#
176	22.1	14.9	22.3

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#13

Anthracene

Concen: 0.189 ng/ul m

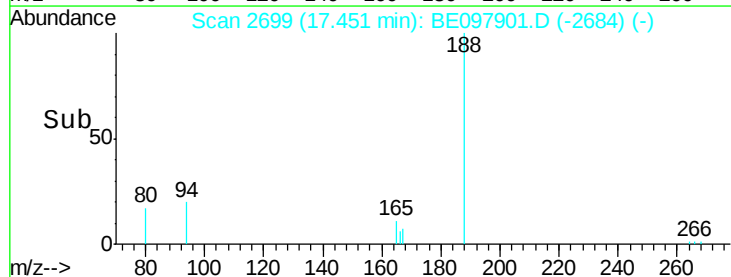
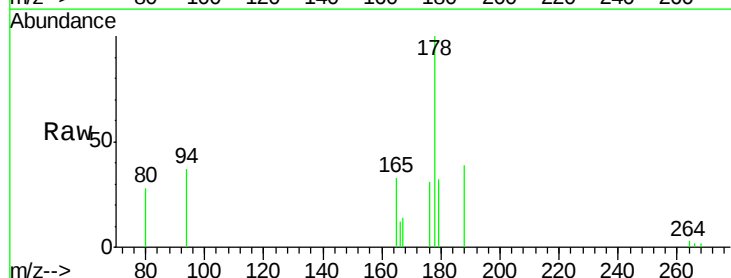
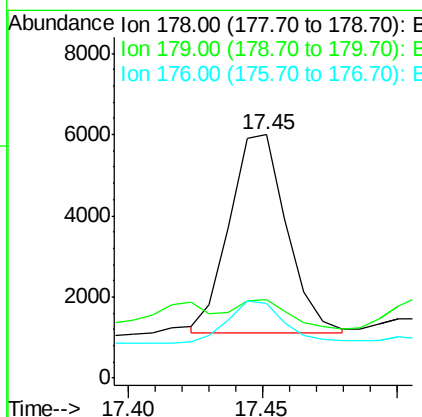
RT: 17.45 min Scan# 2699

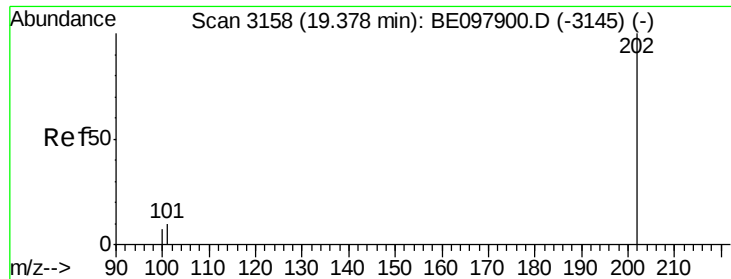
Delta R.T. 0.01 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	32.3	12.9	19.3#
176	30.5	15.5	23.3#





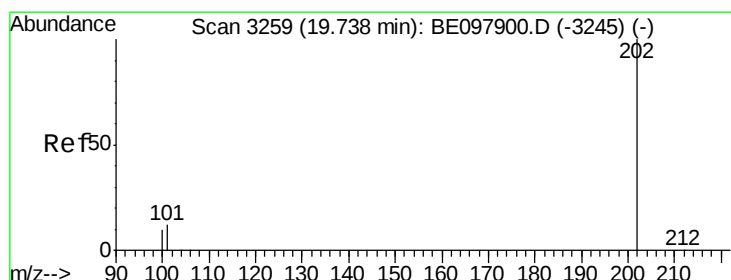
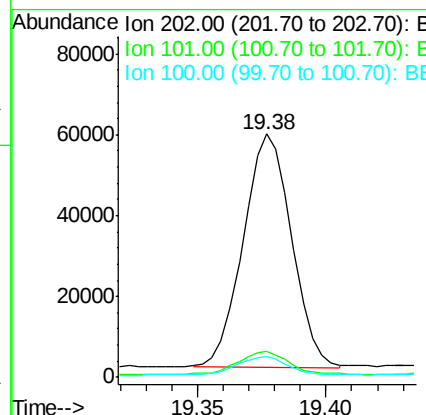
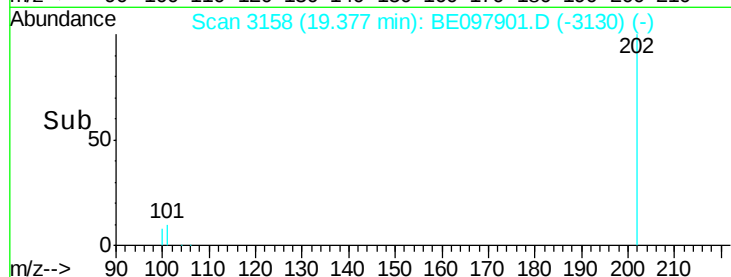
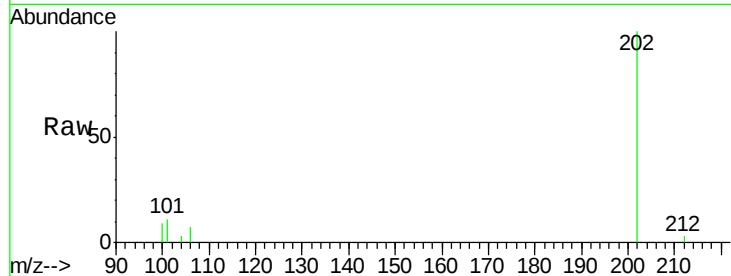
#15
Fluoranthene
 Concen: 1.427 ng/ul m
 RT: 19.38 min Scan# 3158
 Delta R.T. -0.00 min
 Lab File: BE097901.D
 Acq: 15 Oct 2018 15:52

Instrument :
 BNA_E
 ClientSampleId :
 JLC23

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	0.0	29.3
100	8.7	0.0	27.5

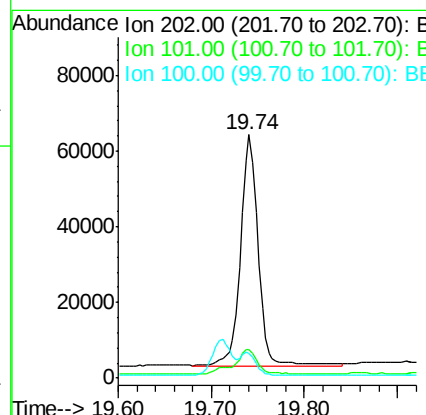
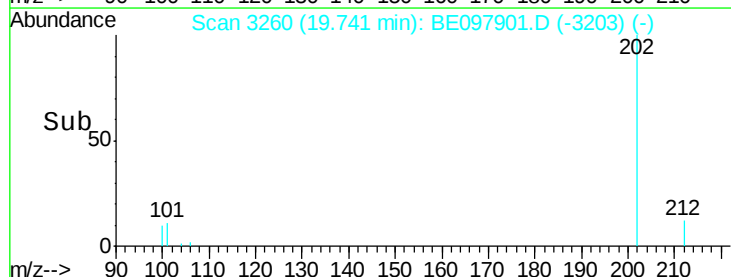
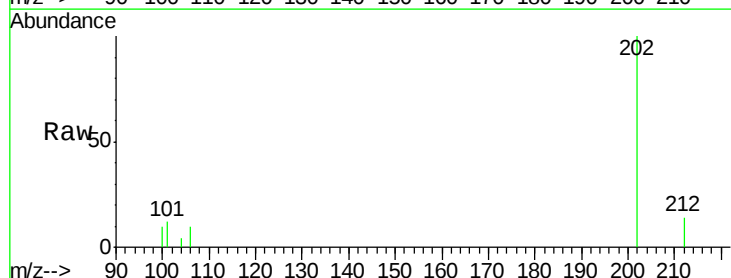
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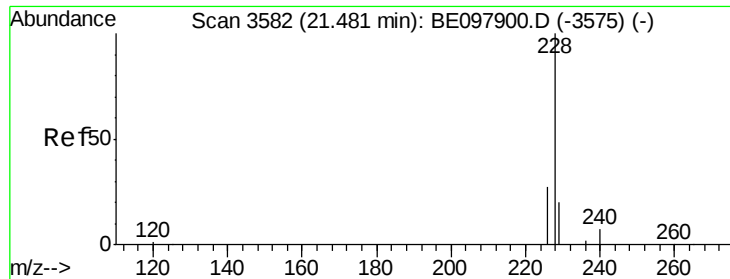
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#17
Pyrene
 Concen: 1.887 ng/ul
 RT: 19.74 min Scan# 3260
 Delta R.T. 0.00 min
 Lab File: BE097901.D
 Acq: 15 Oct 2018 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	8.8	13.2
100	10.2	7.9	11.9





#18

Benzo(a)anthracene

Concen: 0.976 ng/ul m

RT: 21.49 min Scan# 3585

Delta R.T. 0.01 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Instrument :

BNA_E

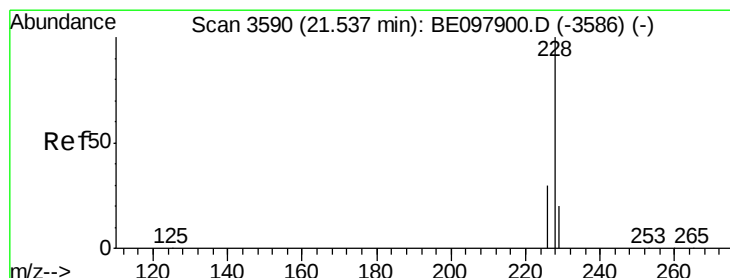
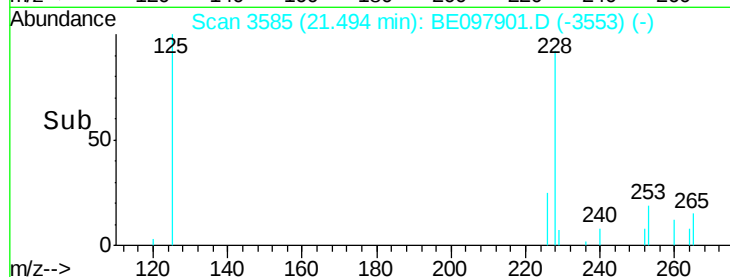
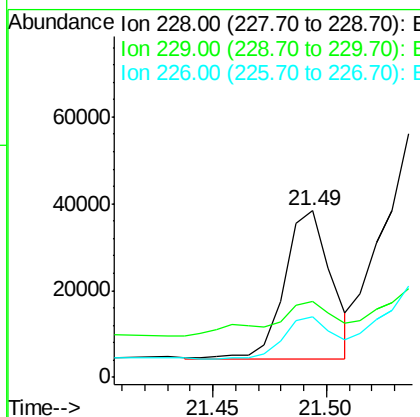
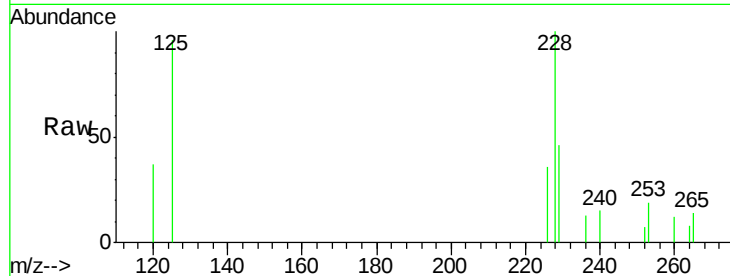
ClientSampleId :

JLC23

Tgt Ion:	228	Resp:	49502
Ion Ratio	Lower	Upper	
228	100		
229	45.6	16.4	24.6#
226	36.4	21.5	32.3#

Manual Integrations
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#19

Chrysene

Concen: 3.672 ng/ul m

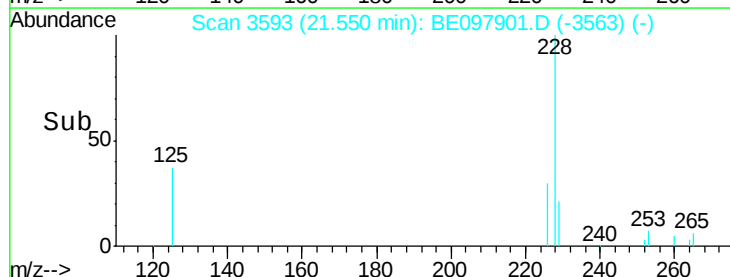
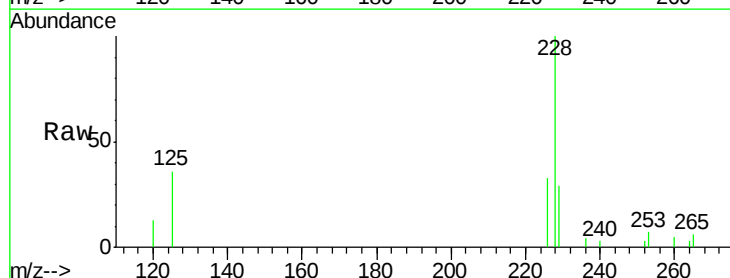
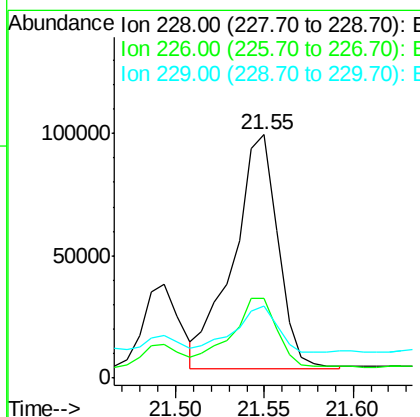
RT: 21.55 min Scan# 3593

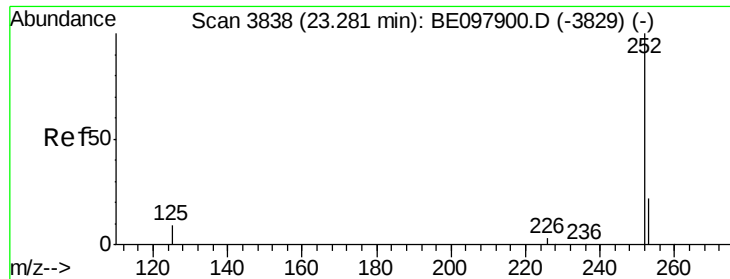
Delta R.T. 0.01 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Tgt Ion:	228	Resp:	167324
Ion Ratio	Lower	Upper	
228	100		
226	32.7	23.0	34.4
229	29.5	15.5	23.3#





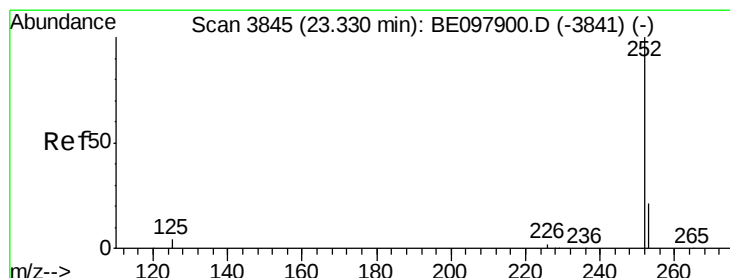
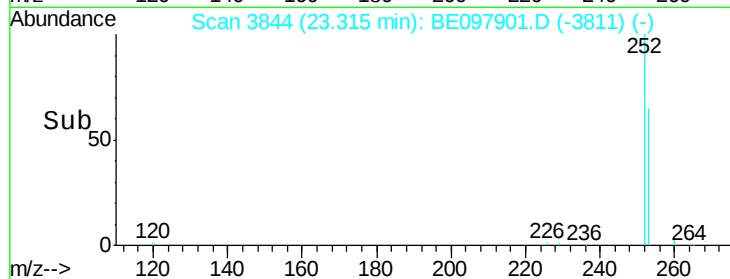
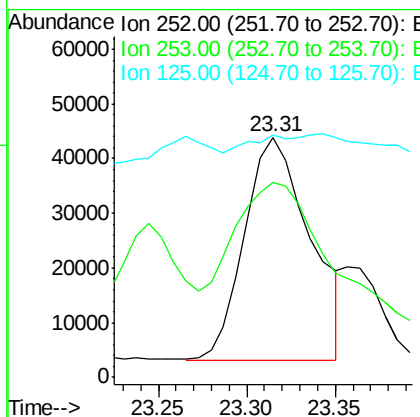
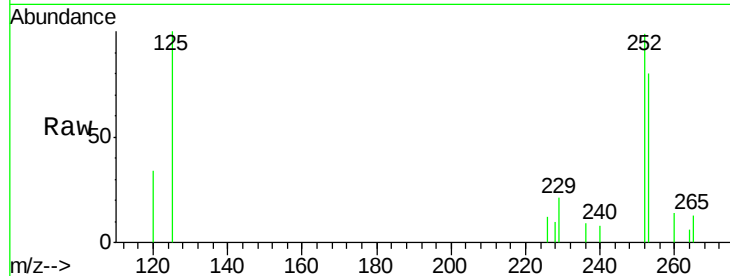
#21
Benzo(b)fluoranthene
Concen: 2.835 ng/ul m
RT: 23.31 min Scan# 3844
Delta R.T. 0.04 min
Lab File: BE097901.D
Acq: 15 Oct 2018 15:52

Instrument :
BNA_E
ClientSampleId :
JLC23

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	81.1	0.0	47.0#
125	100.8	0.0	18.2#

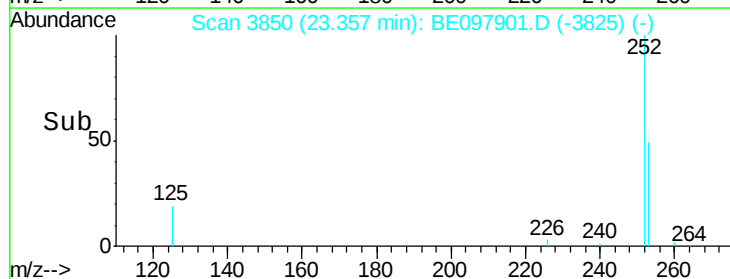
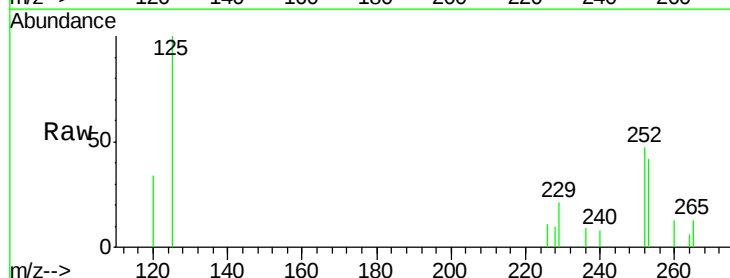
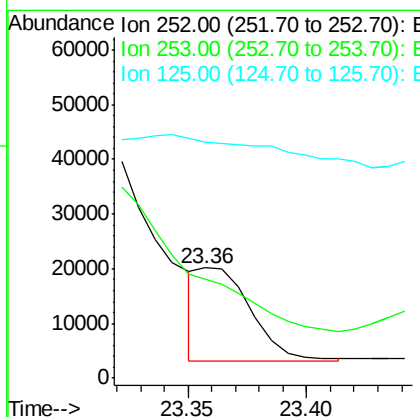
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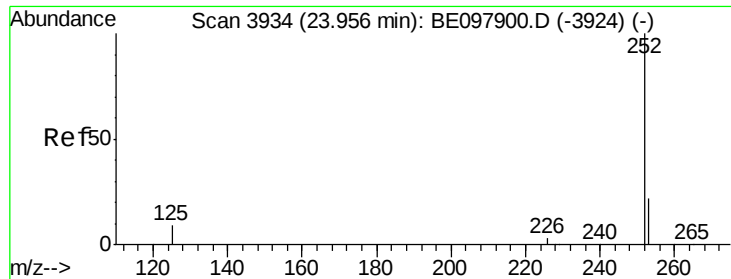
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#22
Benzo(k)fluoranthene
Concen: 0.658 ng/ul m
RT: 23.36 min Scan# 3850
Delta R.T. 0.03 min
Lab File: BE097901.D
Acq: 15 Oct 2018 15:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	89.7	17.8	26.6#
125	214.6	9.4	14.0#





#23

Benzo(a)pyrene

Concen: 1.404 ng/u1

RT: 24.00 min Scan# 3941

Delta R.T. 0.04 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Instrument :

BNA_E

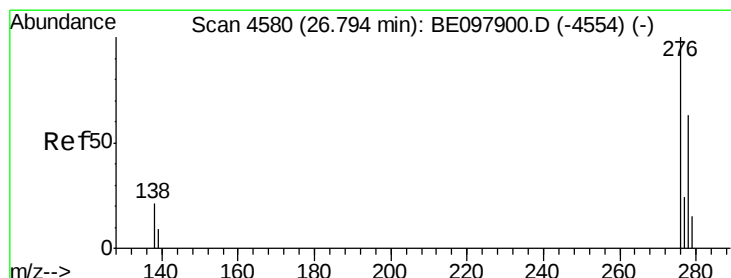
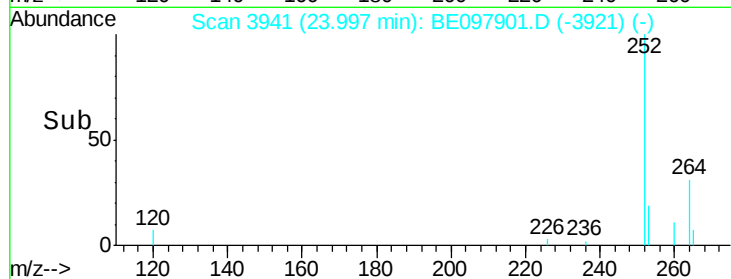
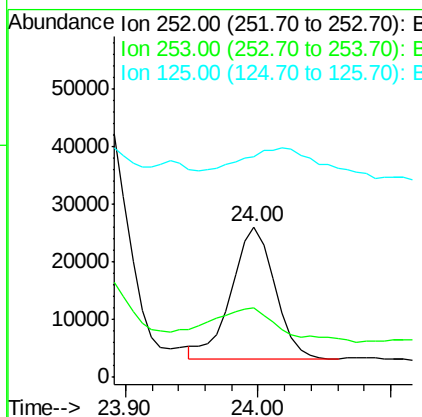
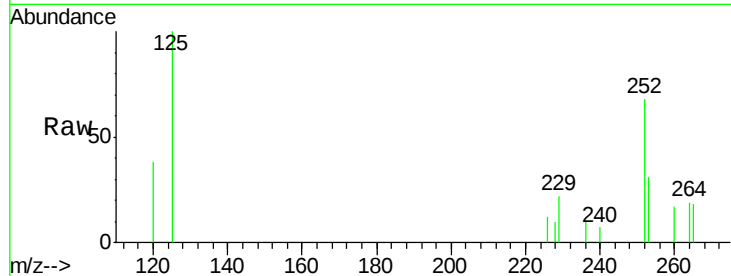
ClientSampled :

JLC23

Tgt Ion:	252	Resp:	51351
Ion Ratio	Lower	Upper	
252	100		
253	45.8	18.2	27.4#
125	146.3	8.3	12.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.102 ng/u1

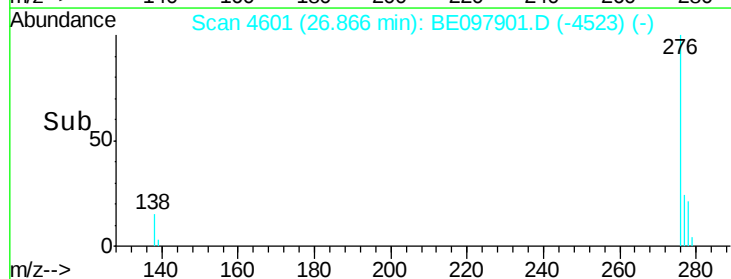
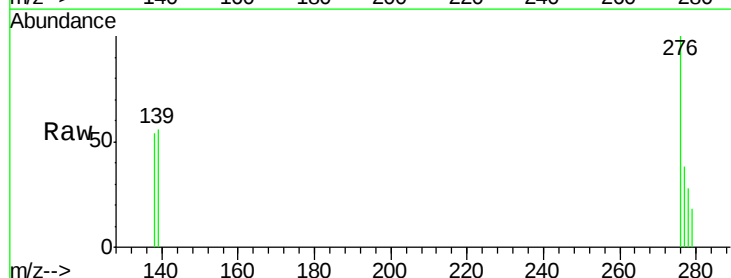
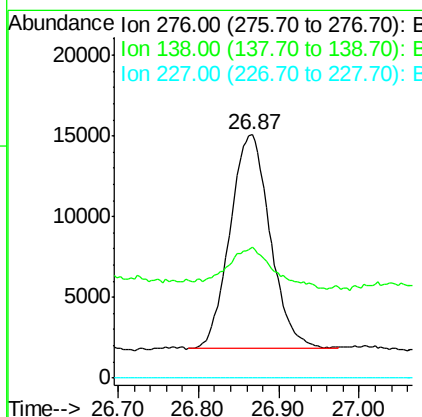
RT: 26.87 min Scan# 4601

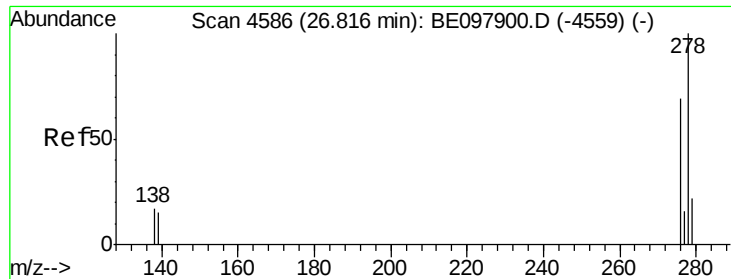
Delta R.T. 0.08 min

Lab File: BE097901.D

Acq: 15 Oct 2018 15:52

Tgt Ion:	276	Resp:	45758
Ion Ratio	Lower	Upper	
276	100		
138	22.7	0.0	0.0#
227	0.0	0.0	0.0





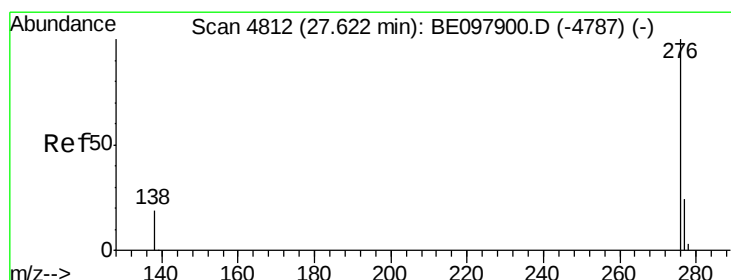
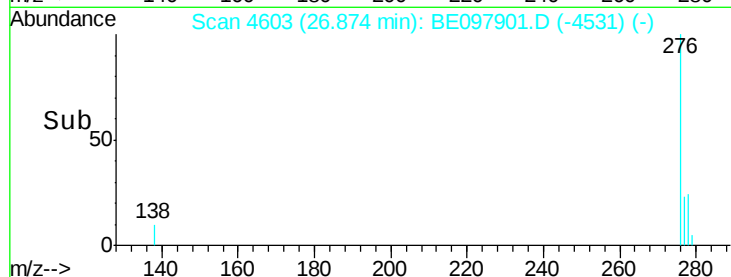
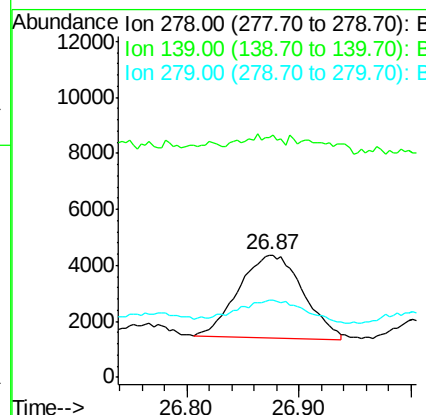
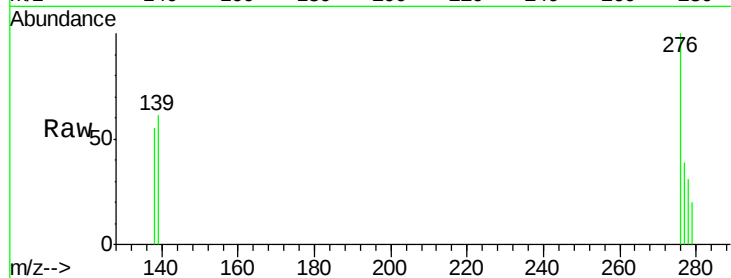
#25
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul m
RT: 26.87 min Scan# 4603
Delta R.T. 0.06 min
Lab File: BE097901.D
Acq: 15 Oct 2018 15:52

Instrument :
BNA_E
ClientSampleId :
JLC23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	196.4	10.9	16.3#
279	63.3	18.8	28.2#

Manual Integrations
APPROVED

Sohil
10/15/2018 5:48:24 PM



#26
Benzo(g,h,i)perylene
Concen: 1.579 ng/ul
RT: 27.71 min Scan# 4838
Delta R.T. 0.09 min
Lab File: BE097901.D
Acq: 15 Oct 2018 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	47.7	14.3	21.5#
277	35.4	19.5	29.3#

