

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018074.D
 Acq On : 23 Jul 2015 20:53
 Operator : TP/UM
 Sample : G3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01H4

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Quant Time: Jul 24 01:40:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:33:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	43026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	217012	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	150476	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	359420	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	365318	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	363004	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	1587	2.31	ng/uL	0.00
5) Phenol-d5	6.70	99	39001	11.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21896	13.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	35880	12.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	25622	8.70	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	20222	11.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	20232	11.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	34607	10.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	39362	10.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	128417	12.16	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	151982	11.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	20408	9.18	ng/ul	0.00
58) Fluorene-d10	15.18	176	111493	11.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	15946	6.94	ng/ul	0.00
71) Anthracene-d10	17.03	188	167308	10.75	ng/ul	0.00
79) Pyrene-d10	19.34	212	172934	10.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	145207	8.38	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.33	105	13416	3.23	ng/ul	97
45) Dimethylphthalate	13.65	163	39042	3.67	ng/ul	99
70) Phenanthrene	16.98	178	43354	2.40	ng/ul	97
77) Fluoranthene	19.00	202	97464	5.07	ng/ul	99
80) Pyrene	19.37	202	114420	5.47	ng/ul	99
83) Benzo(a)anthracene	21.12	228	53435	2.77	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	13991	1.14	ng/ul	98
85) Chrysene	21.17	228	60801m	3.34	ng/ul	
88) Benzo(b)fluoranthene	22.67	252	74106	3.73	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	28158m	1.46	ng/ul	
91) Benzo(a)pyrene	23.23	252	54033	2.81	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.51	276	37219	1.67	ng/ul	98
94) Benzo(g,h,i)perylene	26.19	276	24509	1.33	ng/ul	97

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

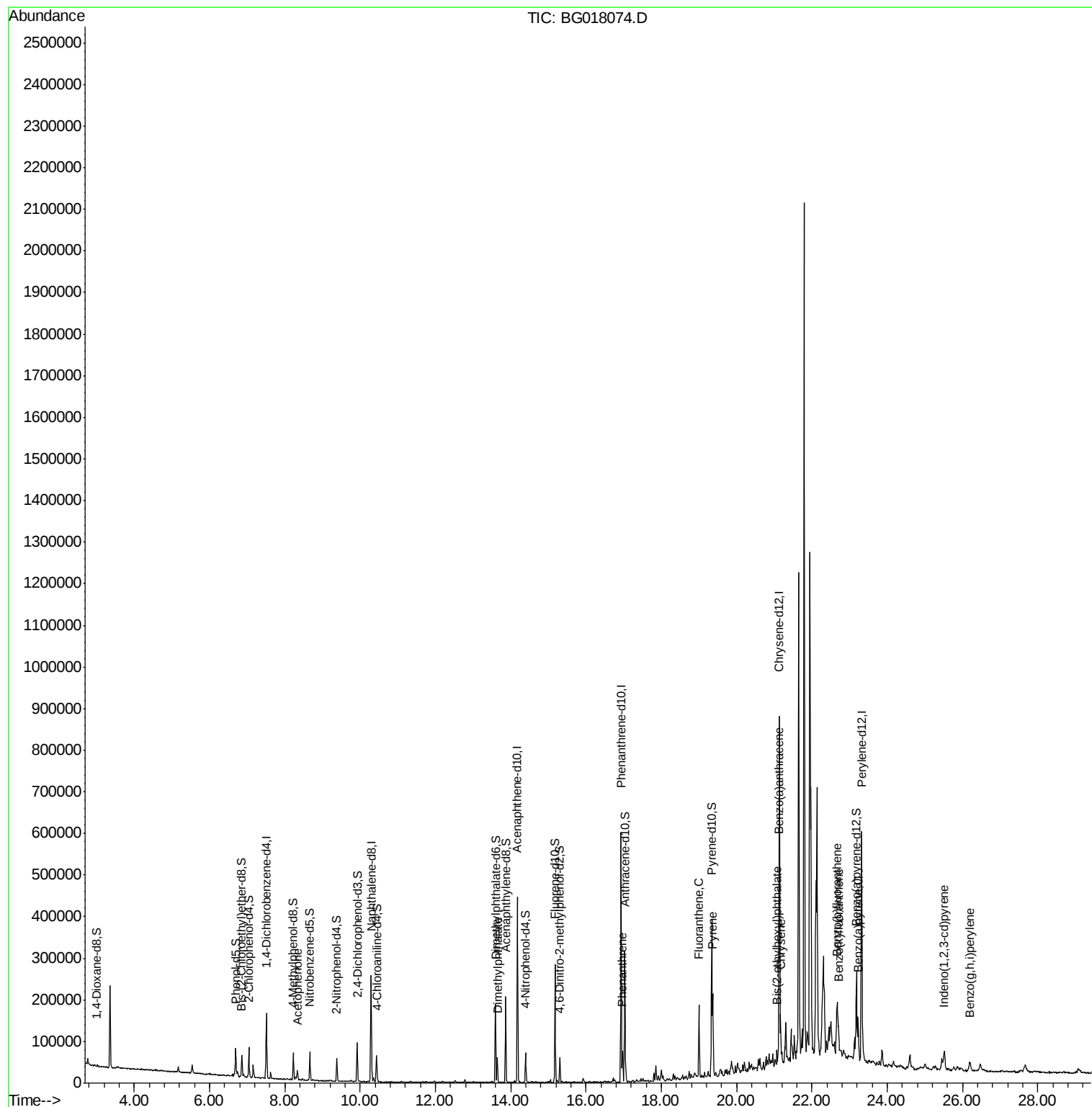
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
Data File : BG018074.D
Acq On : 23 Jul 2015 20:53
Operator : TP/UM
Sample : G3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

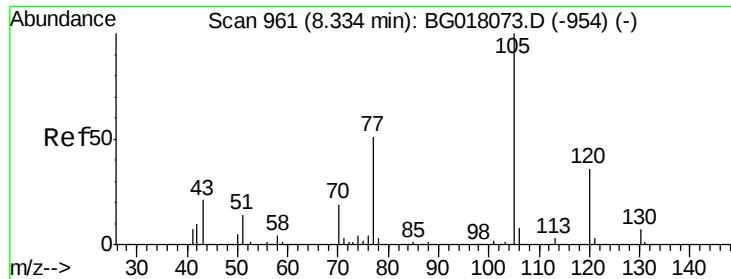
Instrument :
BNA_G
ClientSampleId :
C01H4

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Quant Time: Jul 24 01:40:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:33:04 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 3.23 ng/ul

RT: 8.33 min Scan# 961

Delta R.T. 0.00 min

Lab File: BG018074.D

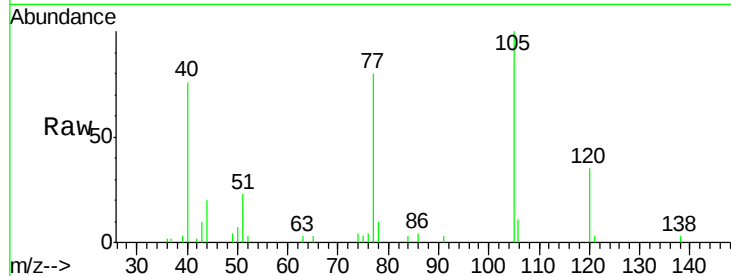
Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

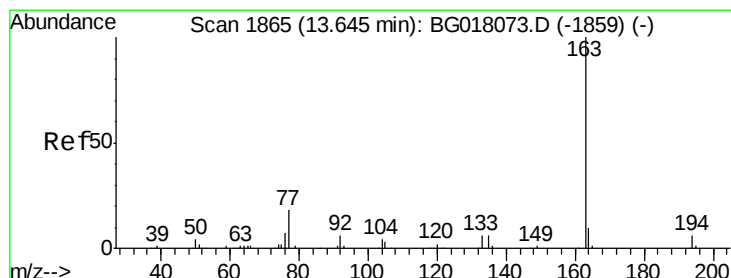
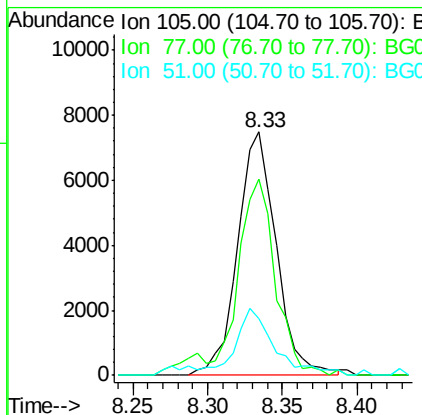
C01H4



Tgt Ion:	105	Resp:	13416
Ion Ratio	Lower	Upper	
105	100		
77	80.4	61.7	92.5
51	23.3	18.1	27.1

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#45

Dimethylphthalate

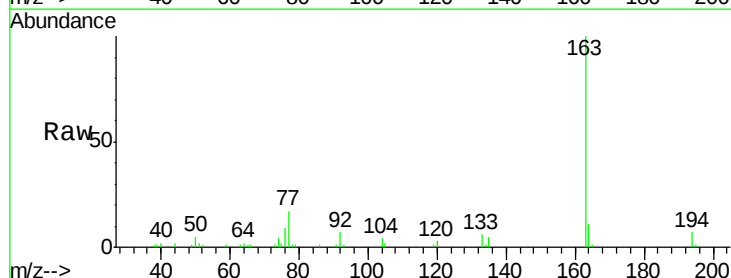
Concen: 3.67 ng/ul

RT: 13.65 min Scan# 1865

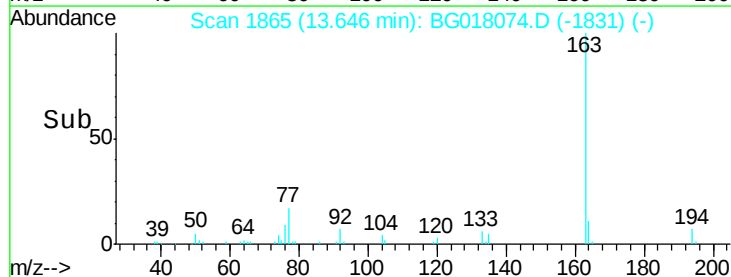
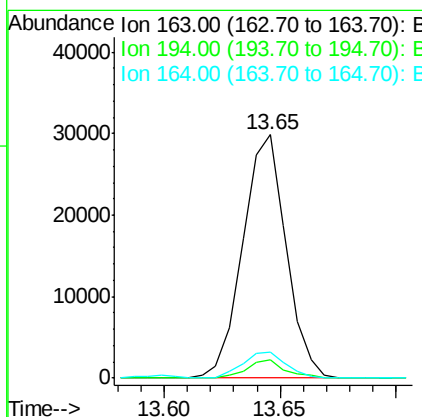
Delta R.T. 0.00 min

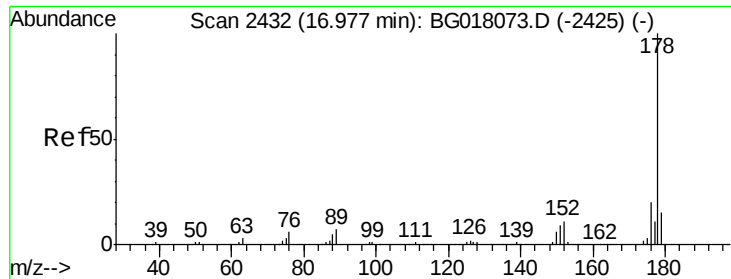
Lab File: BG018074.D

Acq: 23 Jul 2015 20:53



Tgt Ion:	163	Resp:	39042
Ion Ratio	Lower	Upper	
163	100		
194	7.3	5.4	8.2
164	10.5	8.7	13.1





#70

Phenanthrene

Concen: 2.40 ng/ul

RT: 16.98 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BG018074.D

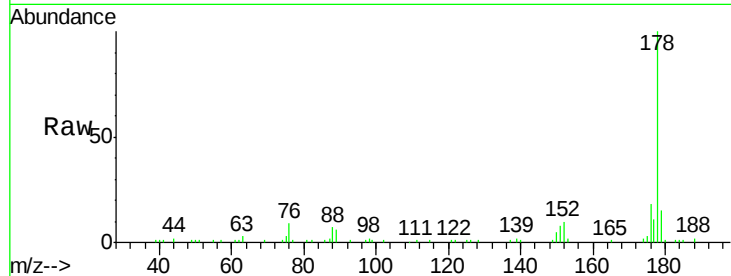
Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

ClientSampleId :

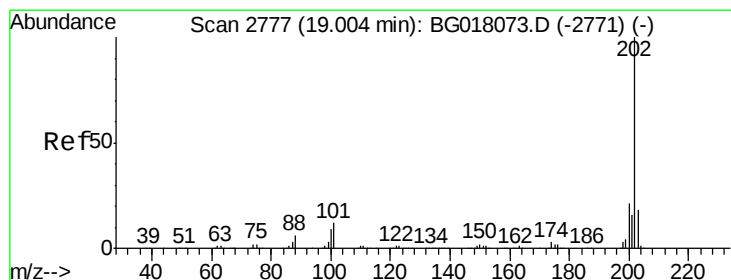
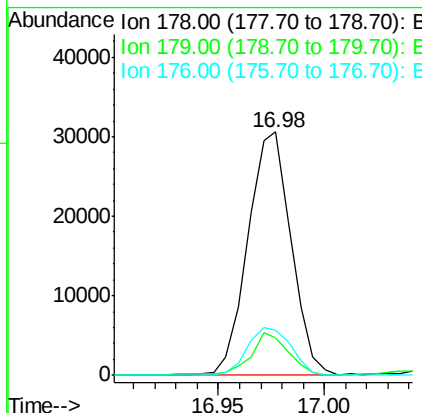
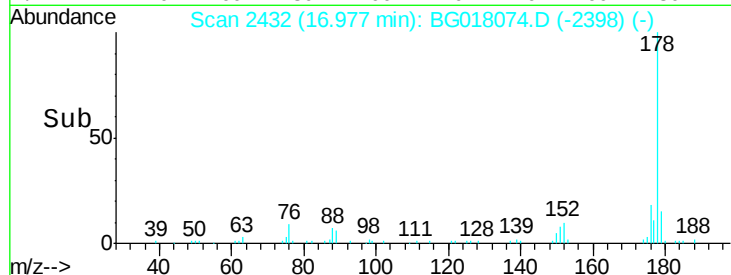
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.6
176	18.4	15.8	23.8

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#77

Fluoranthene

Concen: 5.07 ng/ul

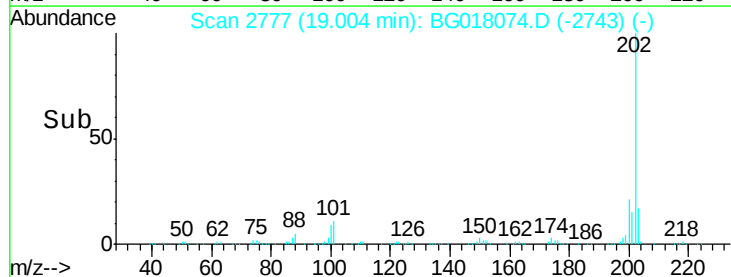
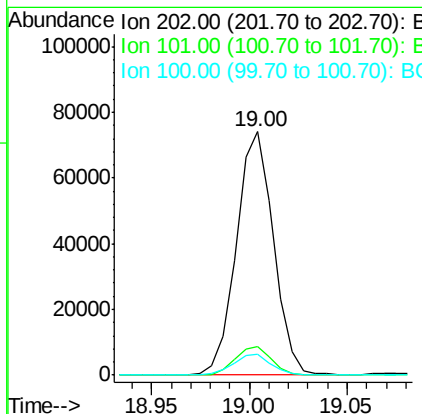
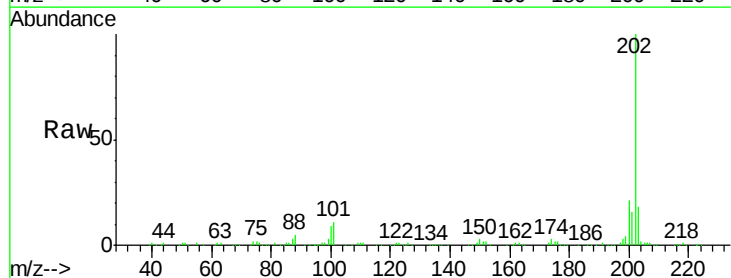
RT: 19.00 min Scan# 2777

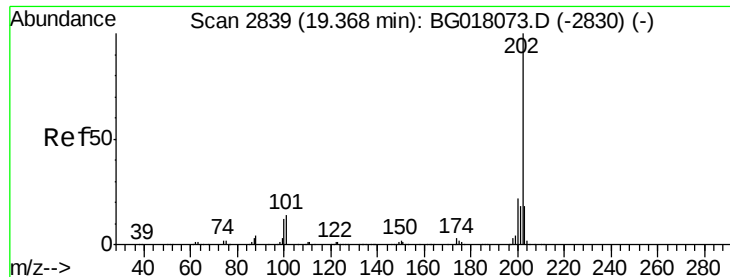
Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
100	8.6	7.5	11.3





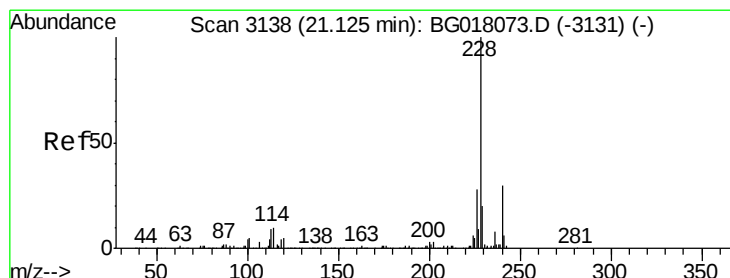
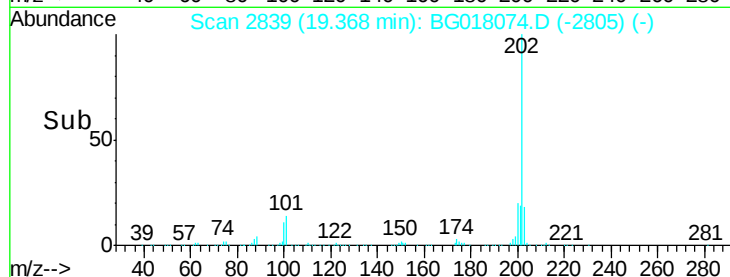
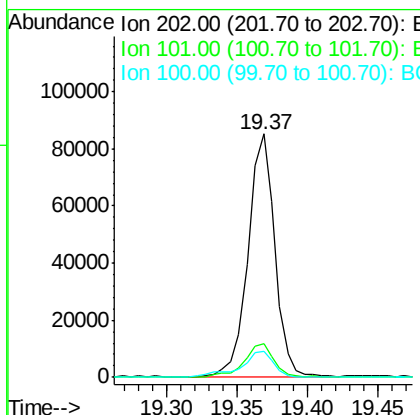
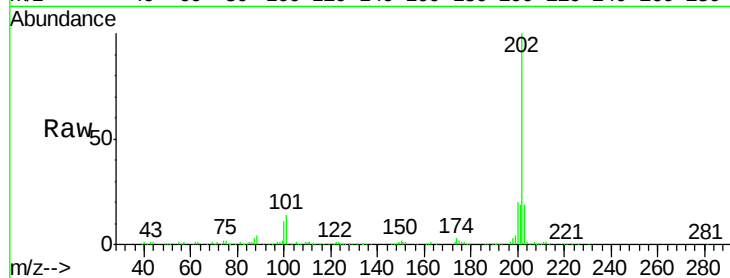
#80
Pyrene
Concen: 5.47 ng/ul
RT: 19.37 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Instrument :
BNA_G
ClientSampleId :
C01H4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	10.9	16.3
100	10.7	8.5	12.7

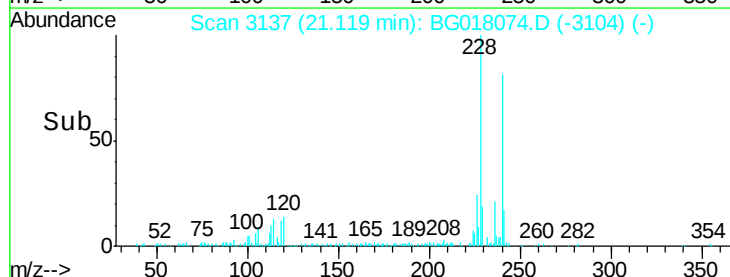
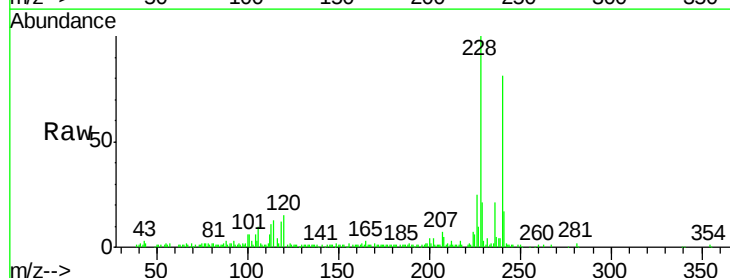
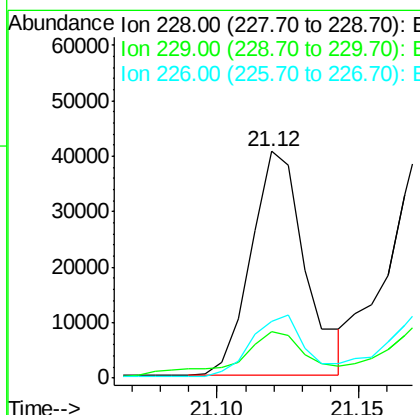
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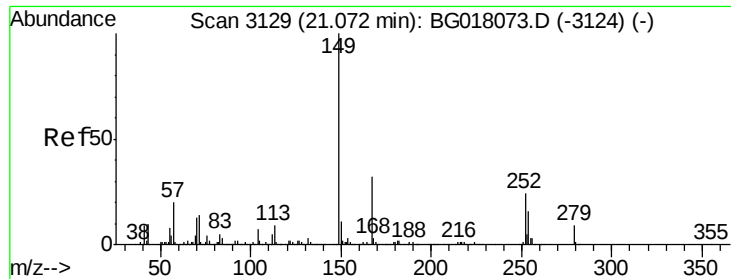
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#83
Benzo(a)anthracene
Concen: 2.77 ng/ul
RT: 21.12 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	16.6	24.8
226	24.9	21.1	31.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.14 ng/ul

RT: 21.07 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

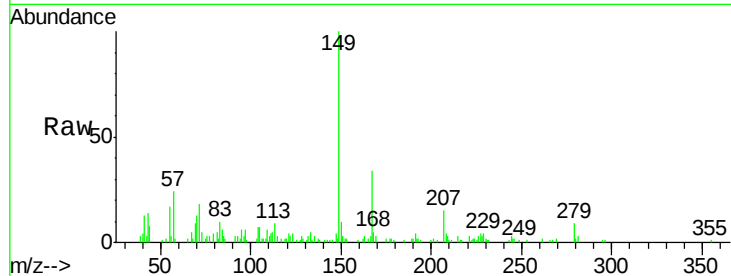
ClientSampleId :

C01H4

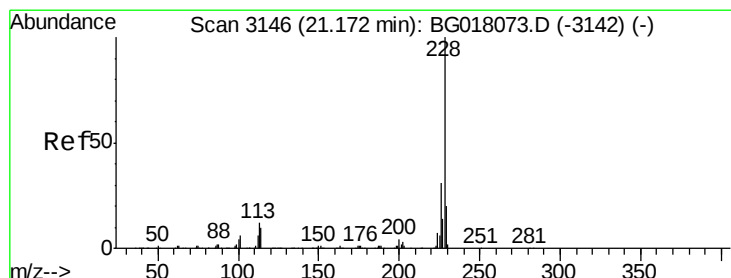
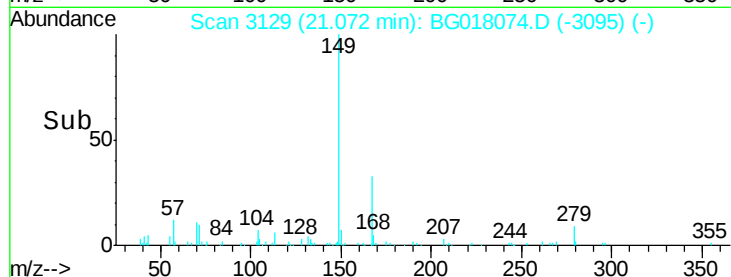
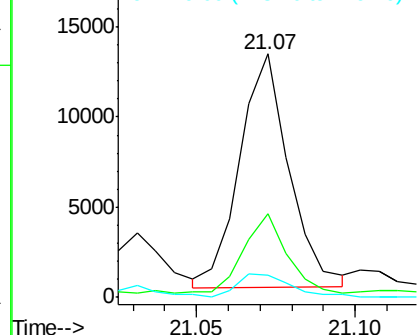
Tgt Ion:	149	Resp:	13991
Ion Ratio	Lower	Upper	
149	100		
167	34.1	26.2	39.4
279	9.1	7.2	10.8

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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



#85

Chrysene

Concen: 3.34 ng/ul m

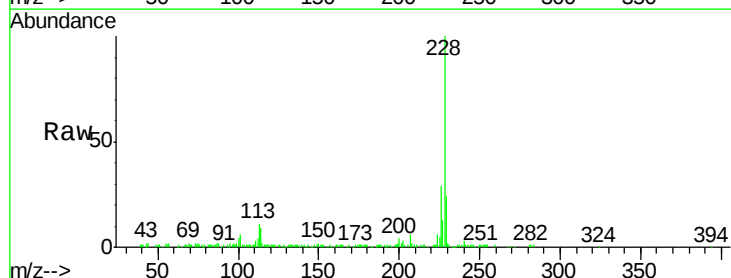
RT: 21.17 min Scan# 3146

Delta R.T. 0.00 min

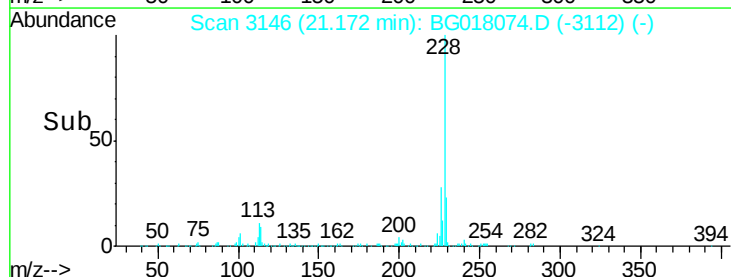
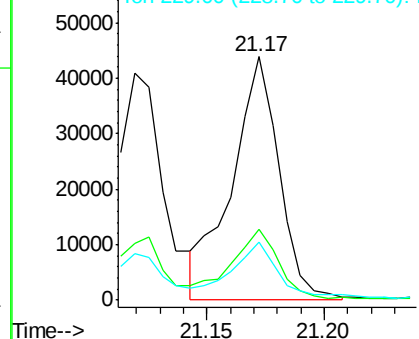
Lab File: BG018074.D

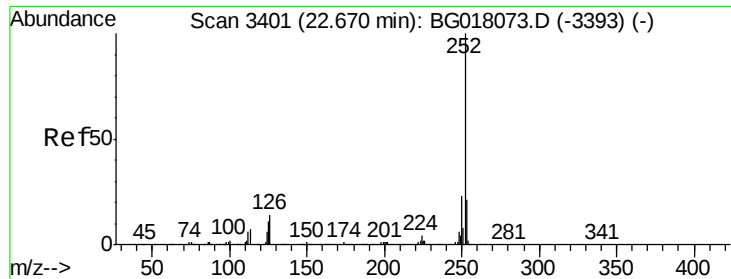
Acq: 23 Jul 2015 20:53

Tgt Ion:	228	Resp:	60801
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.9	34.3
229	23.9	15.6	23.4#



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





#88

Benzo(b)fluoranthene

Concen: 3.73 ng/ul

RT: 22.67 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Instrument :

BNA_G

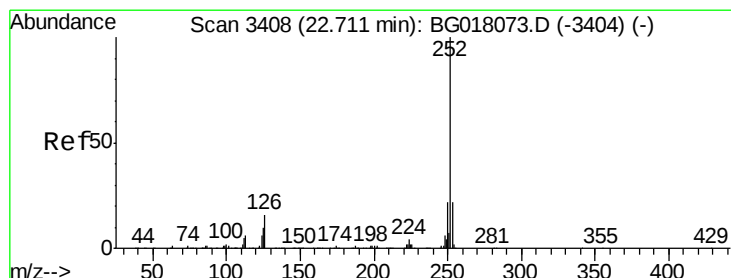
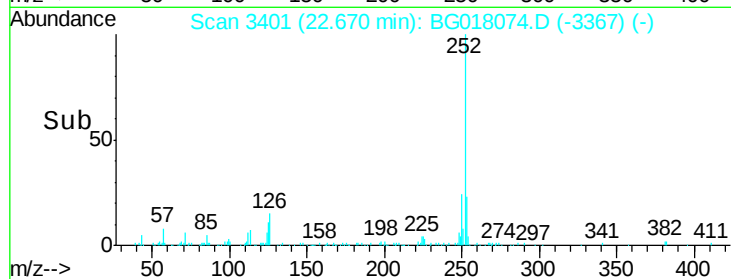
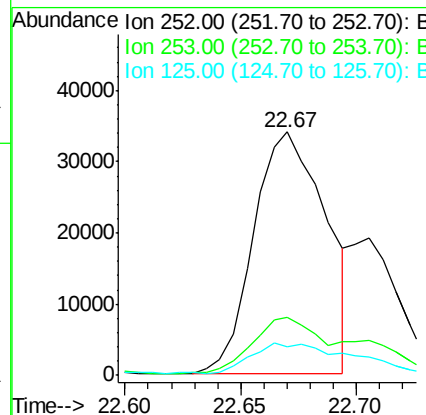
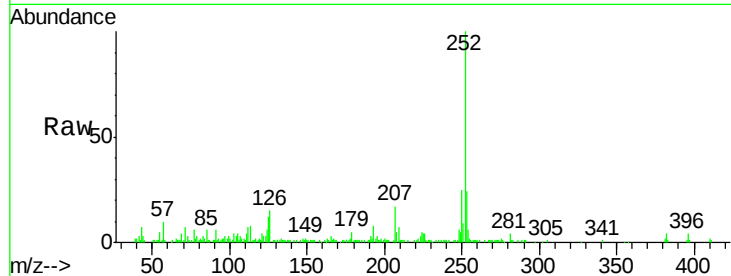
ClientSampleId :

C01H4

Tgt Ion:	252	Resp:	74106
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.5	27.7
125	11.6	9.1	13.7

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#89

Benzo(k)fluoranthene

Concen: 1.46 ng/ul m

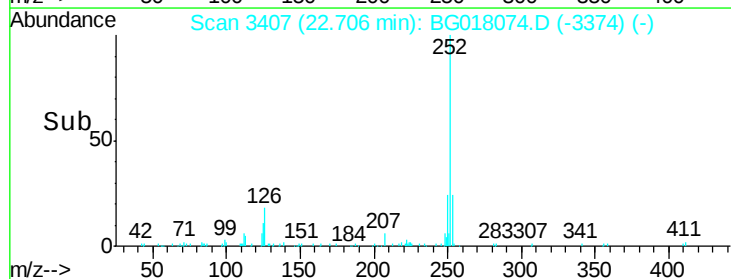
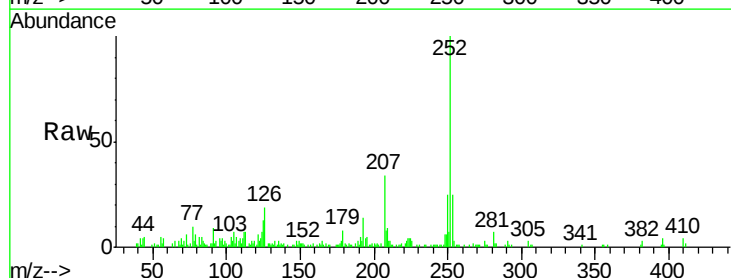
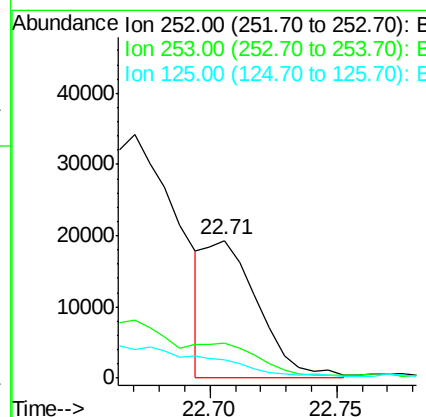
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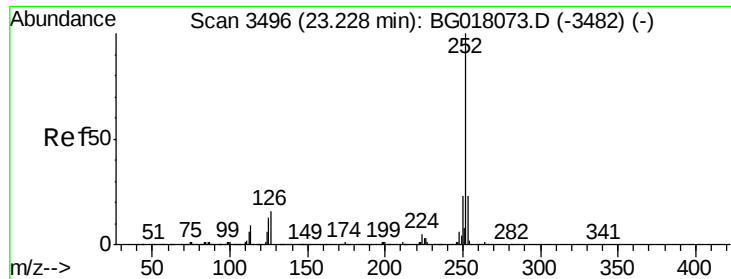
Delta R.T. -0.01 min

Lab File: BG018074.D

Acq: 23 Jul 2015 20:53

Tgt Ion:	252	Resp:	28158
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.8	26.8
125	13.2	9.3	13.9





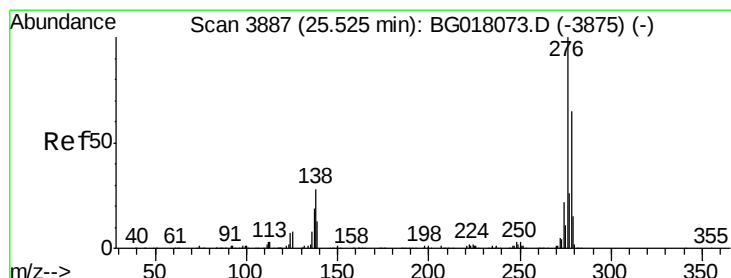
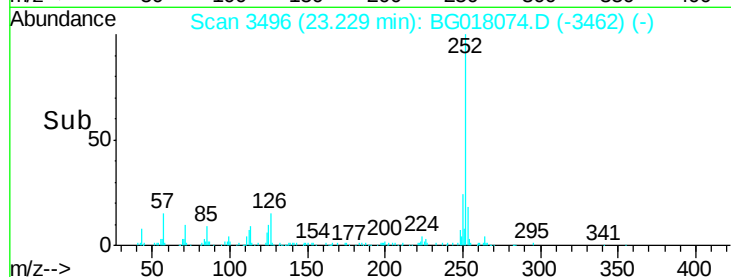
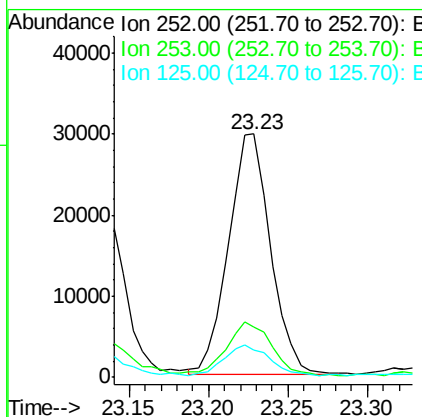
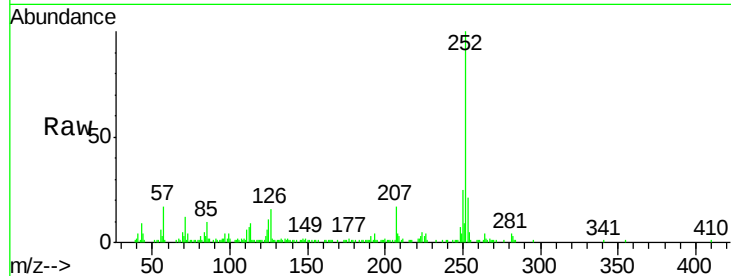
#91
Benzo(a)pyrene
Concen: 2.81 ng/ul
RT: 23.23 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Instrument :
BNA_G
ClientSampleId :
C01H4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	11.3	10.2	15.2

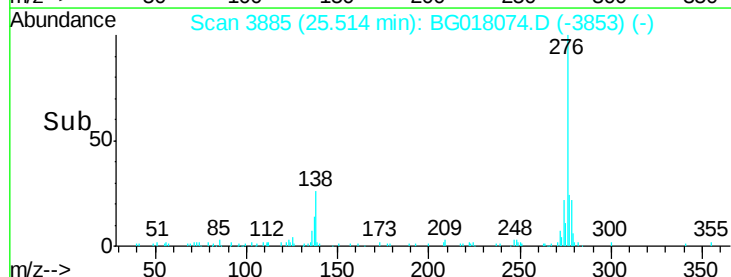
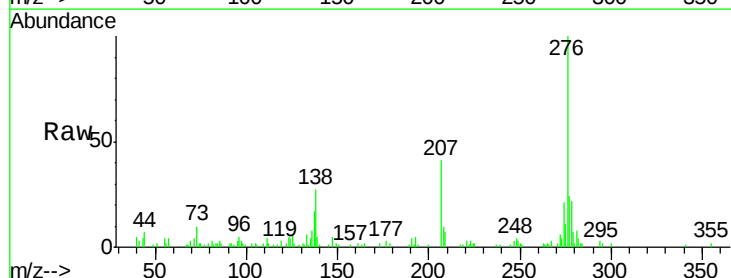
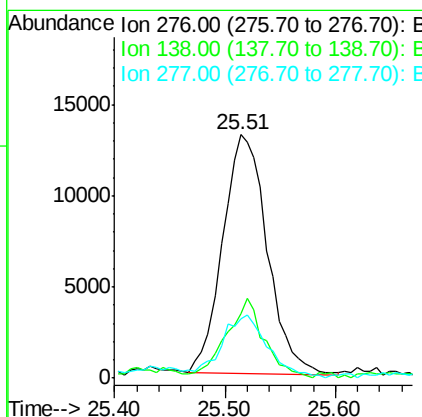
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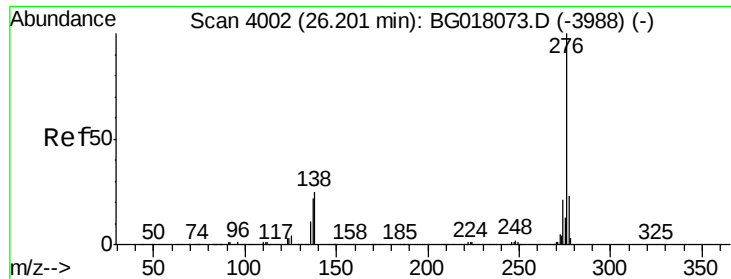
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.67 ng/ul
RT: 25.51 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BG018074.D
Acq: 23 Jul 2015 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	22.6	33.8
277	24.2	19.8	29.8





#94
 Benzo(g,h,i)perylene
 Concen: 1.33 ng/ul
 RT: 26.19 min Scan# 4000
 Delta R.T. -0.01 min
 Lab File: BG018074.D
 Acq: 23 Jul 2015 20:53

Instrument :
 BNA_G
 ClientSampleId :
 C01H4

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.9	18.8	28.2
277	24.5	19.3	28.9

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