

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
 Data File : BE093829.D
 Acq On : 16 Aug 2017 4:29
 Operator : SJ/JU
 Sample : I4529-20DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1DL

Manual Integrations
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Quant Time: Aug 16 08:41:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2802	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	15177	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9389	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19033	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20766	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19759	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1215	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2943	0.05	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.75	128	35847	0.971	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	36449	1.353	ng/ul	99
7) Acenaphthylene	14.24	152	3331	0.085	ng/ul#	72
8) Acenaphthene	14.58	153	3751	0.121	ng/ul#	87
9) Fluorene	15.57	166	15998	0.410	ng/ul	92
12) Phenanthrene	17.29	178	18729	0.361	ng/ul#	93
13) Anthracene	17.38	178	6352	0.126	ng/ul#	71
15) Fluoranthene	19.30	202	11450	0.177	ng/ul	83
17) Pyrene	19.66	202	13217	0.218	ng/ul#	86
18) Benzo(a)anthracene	21.39	228	4203	0.070	ng/ul#	68
19) Chrysene	21.45	228	3916	0.068	ng/ul#	62
21) Benzo(b)fluoranthene	23.14	252	2850m	0.047	ng/ul	
23) Benzo(a)pyrene	23.80	252	2432	0.042	ng/ul#	52

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

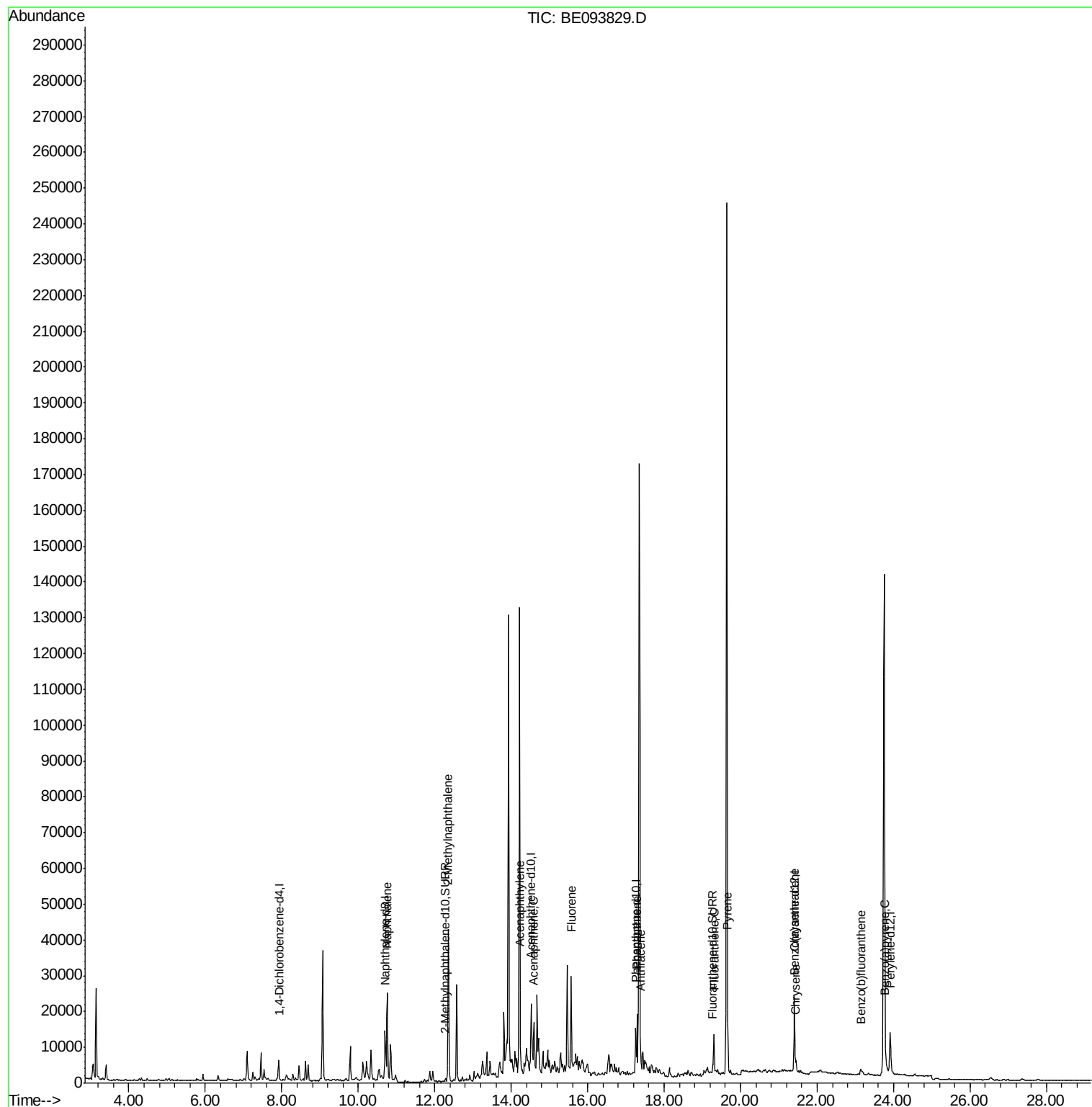
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093829.D
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ALS Vial : 28 Sample Multiplier: 1

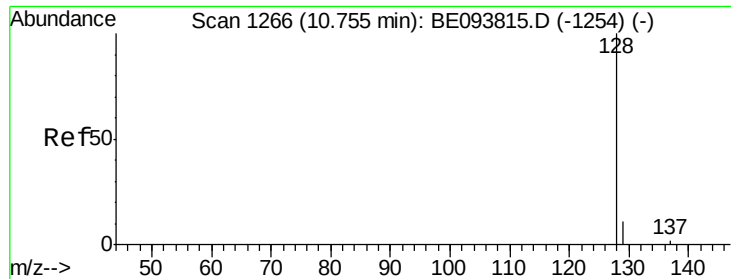
Instrument :
BNA_E
ClientSampleId :
C0AC1DL

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Quant Time: Aug 16 08:41:13 2017
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QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.971 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

C0AC1DL

Tgt Ion:128 Resp: 35847

Ion Ratio Lower Upper

128 100

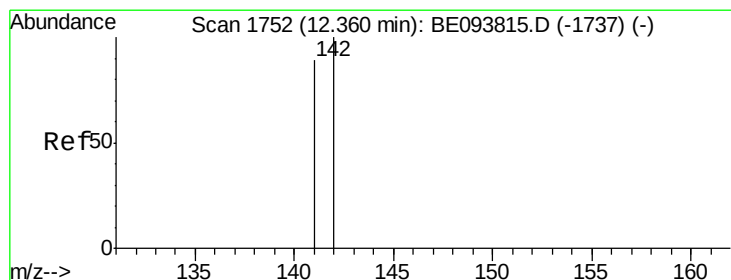
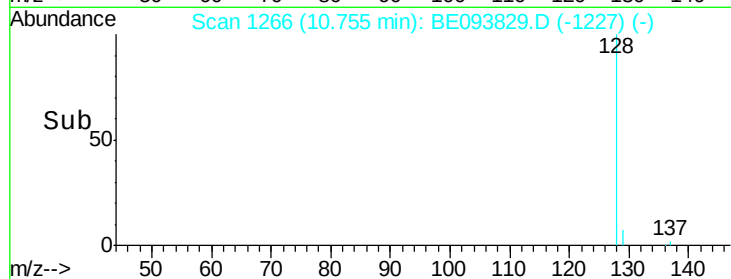
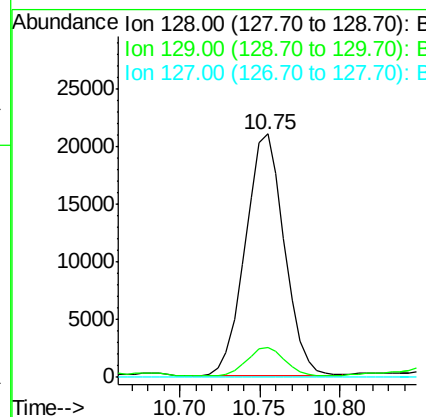
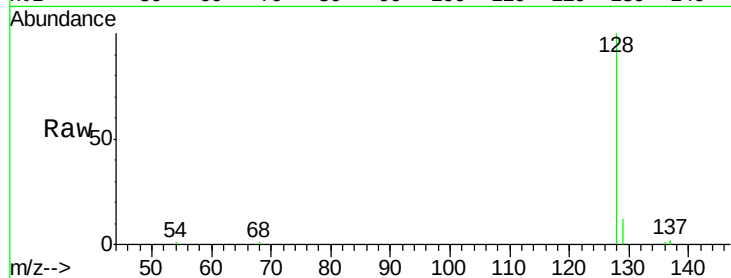
129 12.1 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 1.353 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093829.D

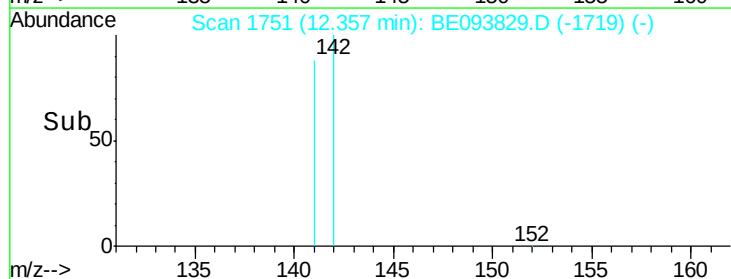
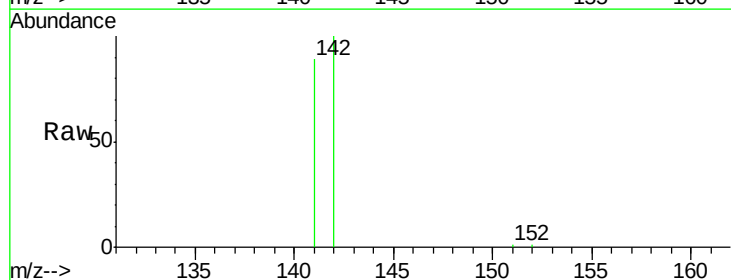
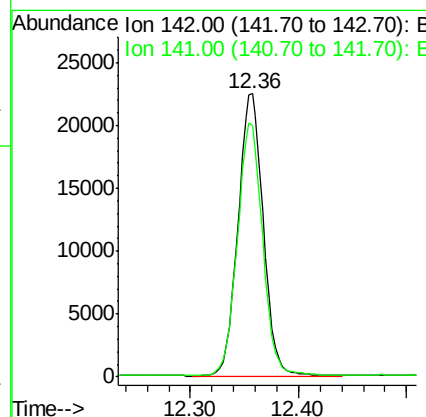
Acq: 16 Aug 2017 4:29

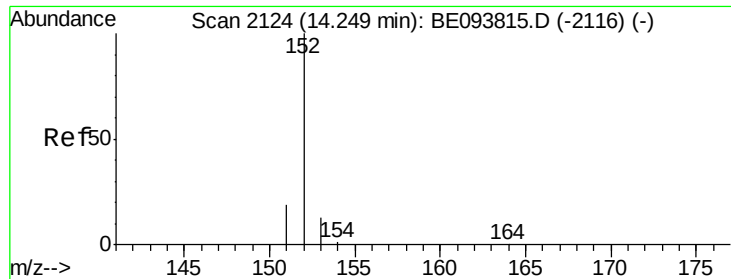
Tgt Ion:142 Resp: 36449

Ion Ratio Lower Upper

142 100

141 90.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

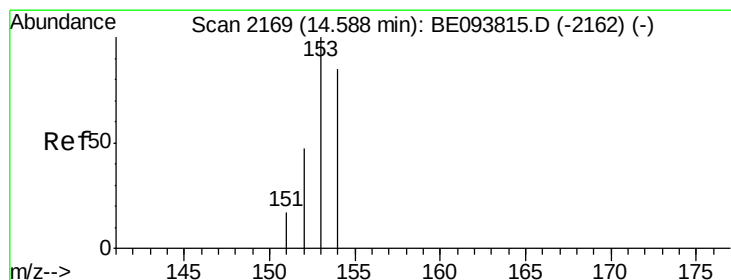
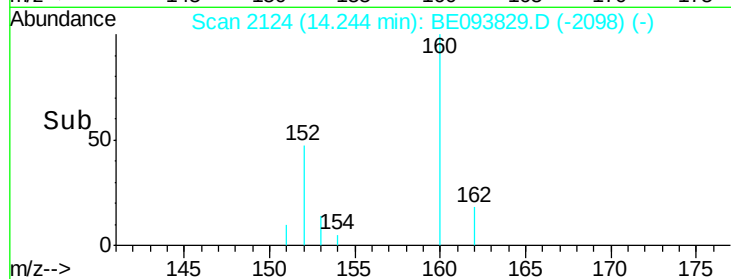
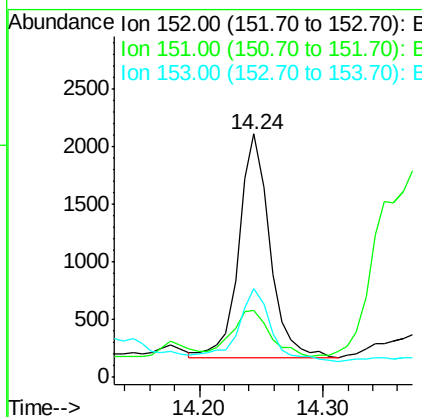
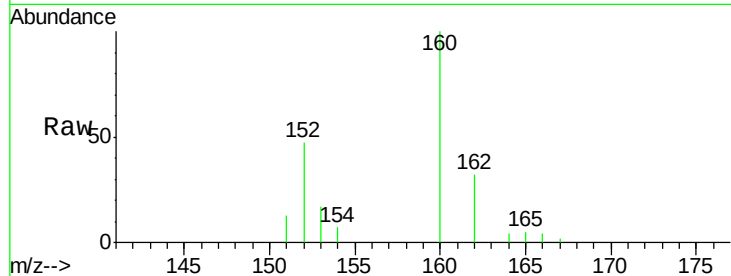
ClientSampleId :

C0AC1DL

Tgt Ion:	152	Resp:	3331
Ion Ratio	Lower	Upper	
152	100		
151	27.6	17.1	25.7#
153	36.3	12.8	19.2#

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#8

Acenaphthene

Concen: 0.121 ng/ul

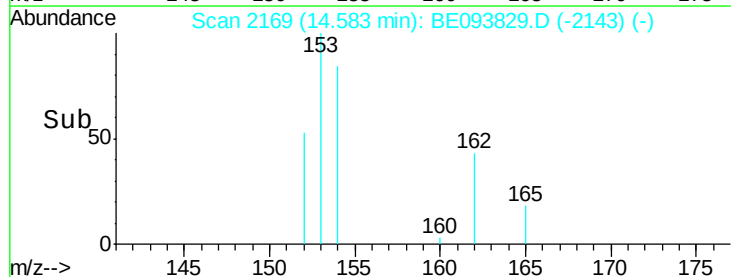
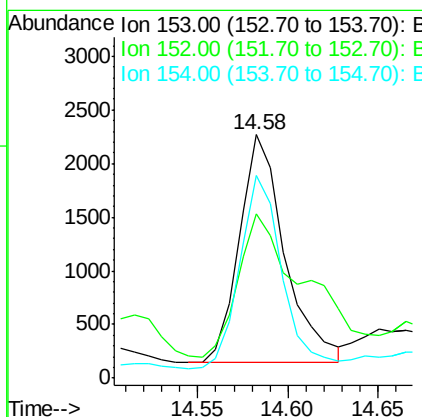
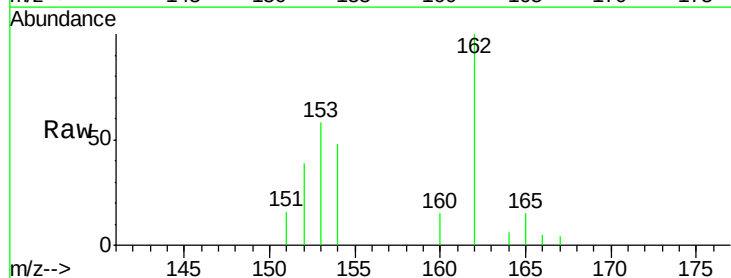
RT: 14.58 min Scan# 2169

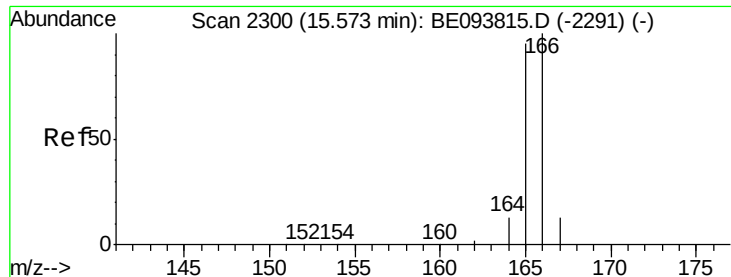
Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Tgt Ion:	153	Resp:	3751
Ion Ratio	Lower	Upper	
153	100		
152	67.4	40.3	60.5#
154	83.1	71.4	107.2





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

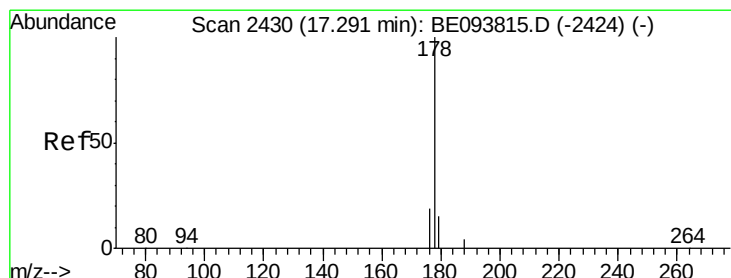
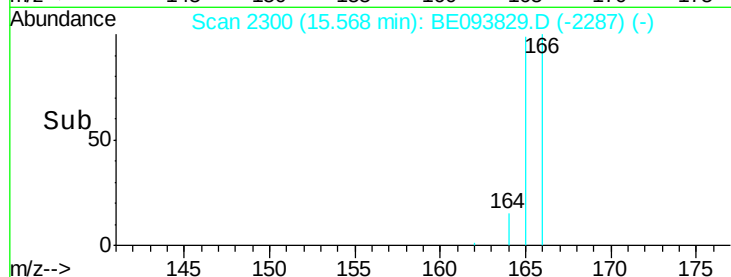
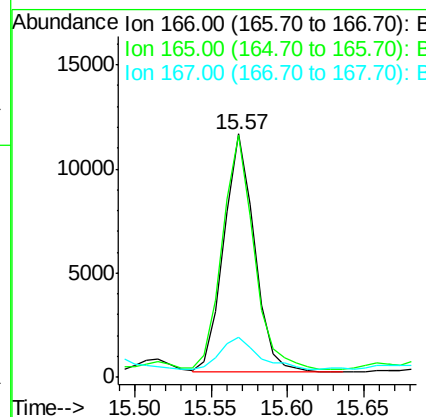
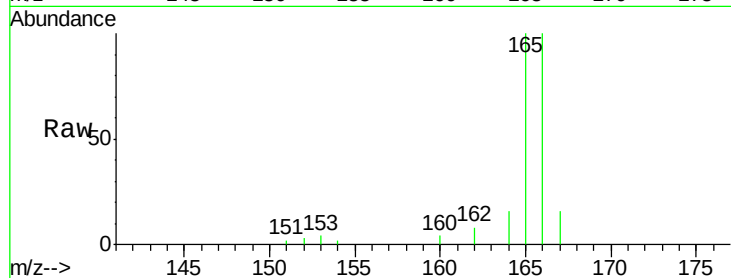
ClientSampleId :

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Tgt Ion:	166	Resp:	15998
Ion Ratio		Lower	Upper
166	100		
165	99.7	73.4	110.2
167	16.5	14.6	22.0

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#12

Phenanthrene

Concen: 0.361 ng/ul

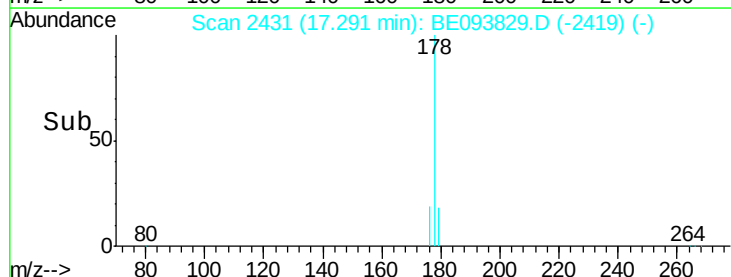
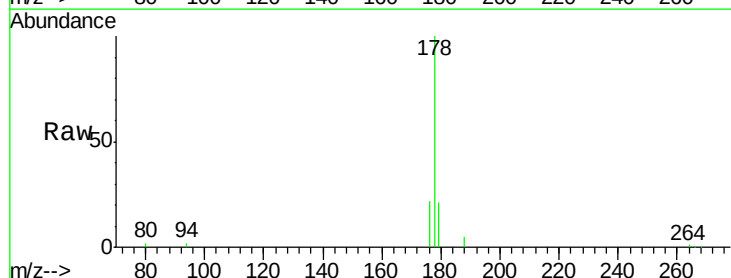
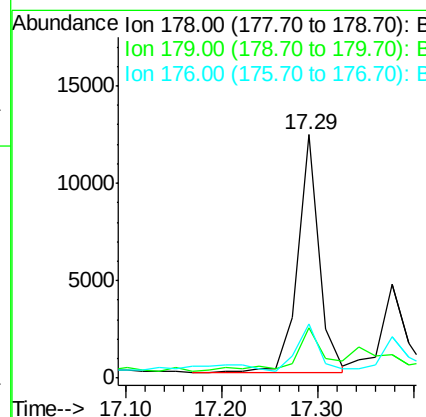
RT: 17.29 min Scan# 2431

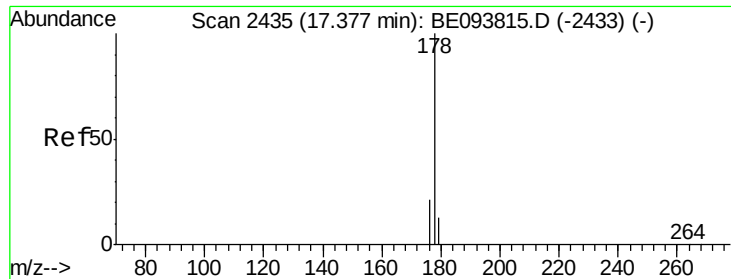
Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Tgt Ion:	178	Resp:	18729
Ion Ratio		Lower	Upper
178	100		
179	20.9	18.4	27.6
176	22.1	13.6	20.4





#13

Anthracene

Concen: 0.126 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

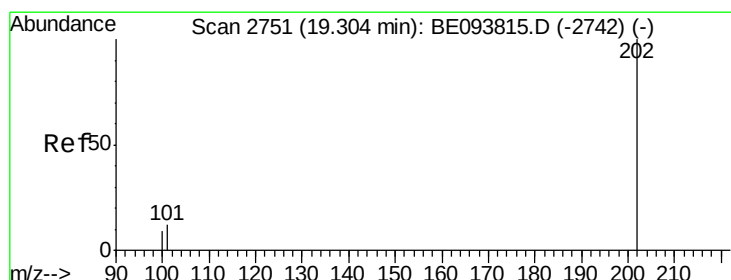
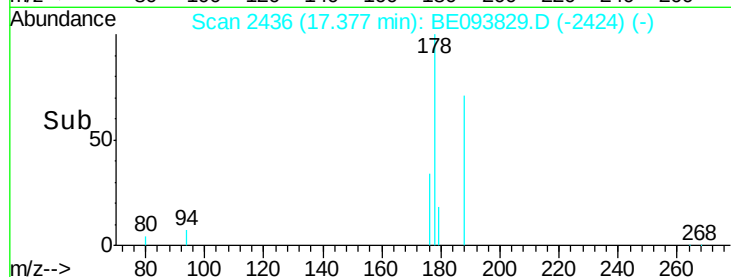
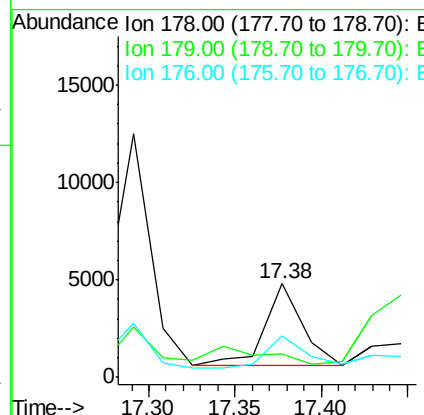
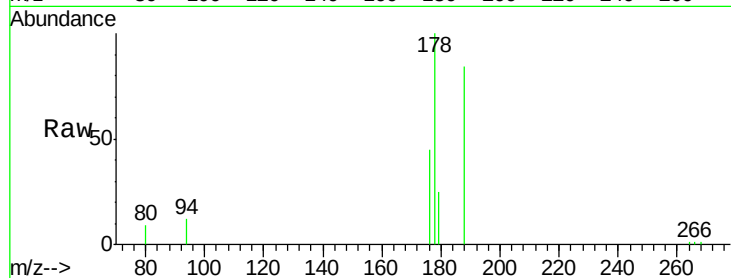
ClientSampleId :

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Tgt Ion:	178	Resp:	6352
Ion Ratio	Lower	Upper	
178	100		
179	24.9	18.1	27.1
176	44.8	14.7	22.1#

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#15

Fluoranthene

Concen: 0.177 ng/ul

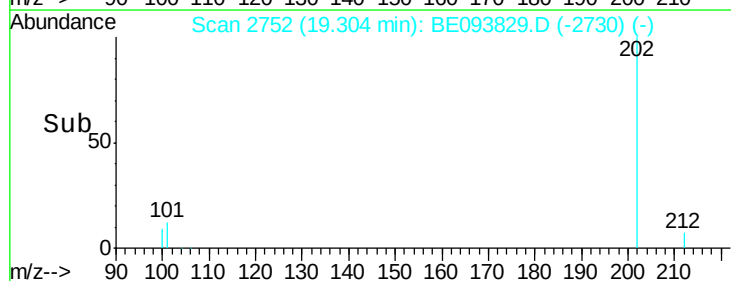
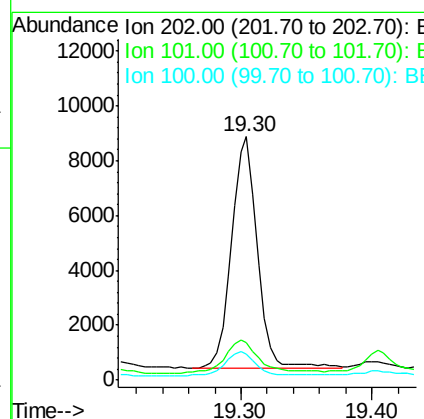
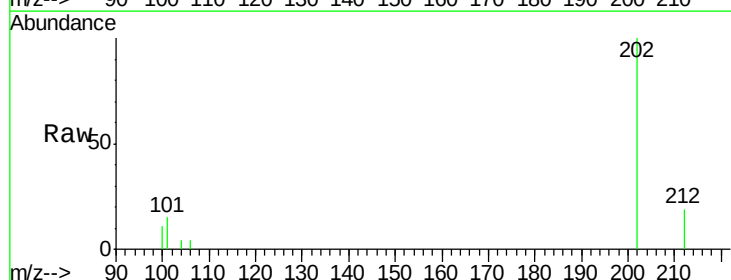
RT: 19.30 min Scan# 2752

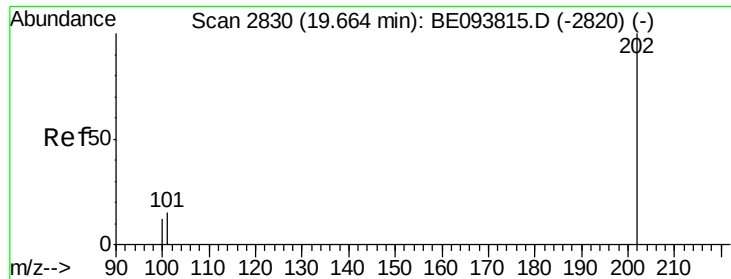
Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Tgt Ion:	202	Resp:	11450
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	30.3
100	10.7	0.0	39.5





#17

Pyrene

Concen: 0.218 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

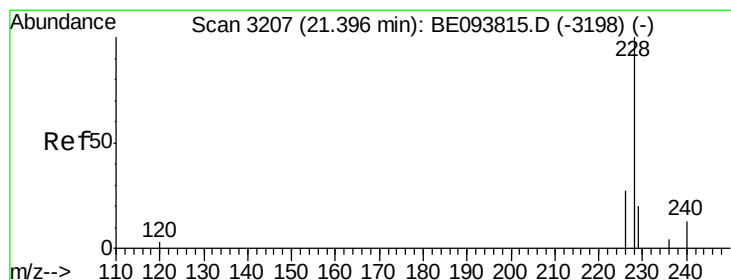
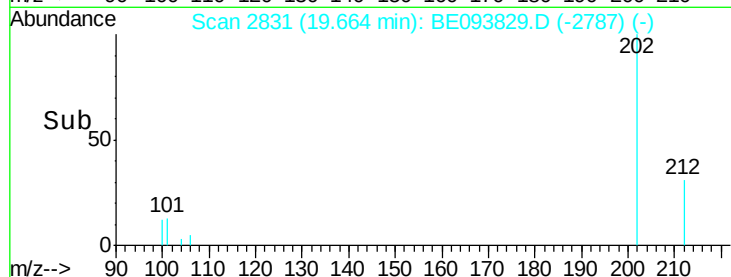
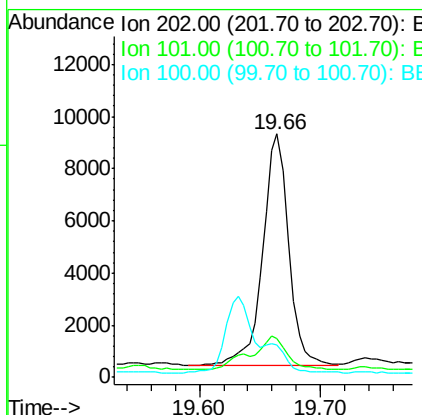
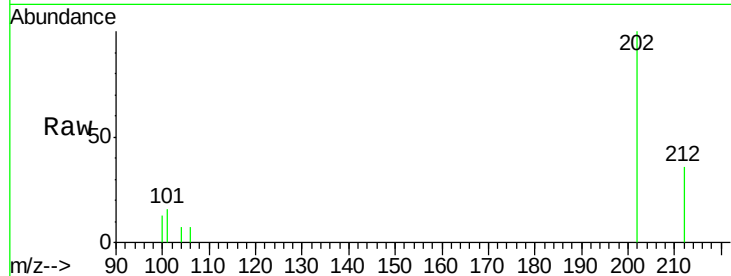
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Tgt Ion:	202	Resp:	13217
Ion Ratio	Lower	Upper	
202	100		
101	16.2	18.2	27.4#
100	13.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.070 ng/ul

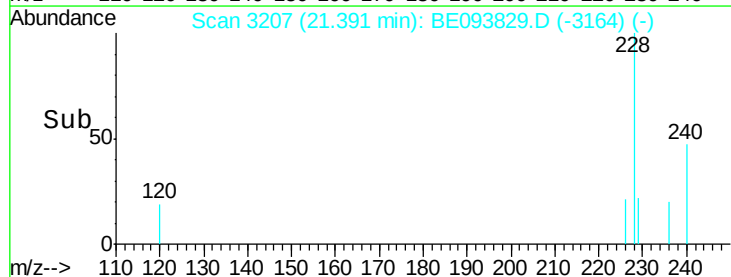
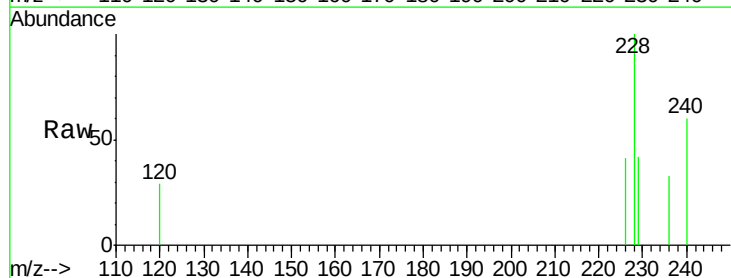
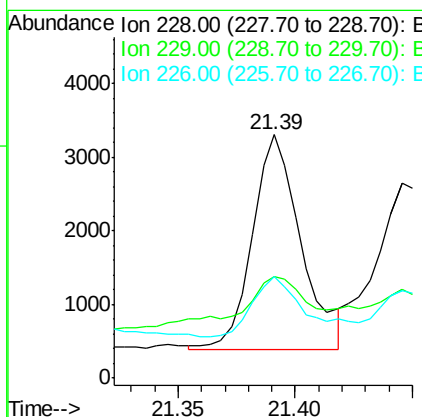
RT: 21.39 min Scan# 3207

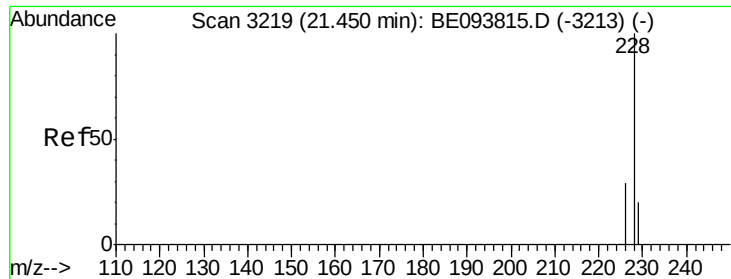
Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Tgt Ion:	228	Resp:	4203
Ion Ratio	Lower	Upper	
228	100		
229	41.6	22.8	34.2#
226	41.4	17.0	25.6#





#19

Chrysene

Concen: 0.068 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

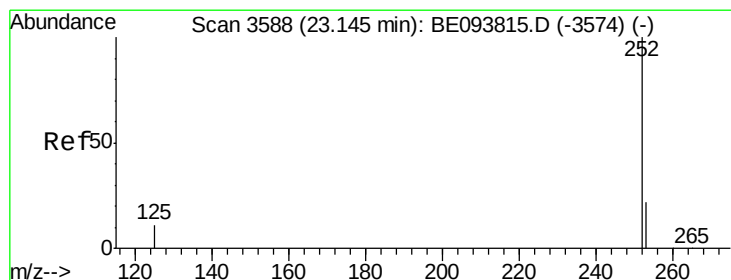
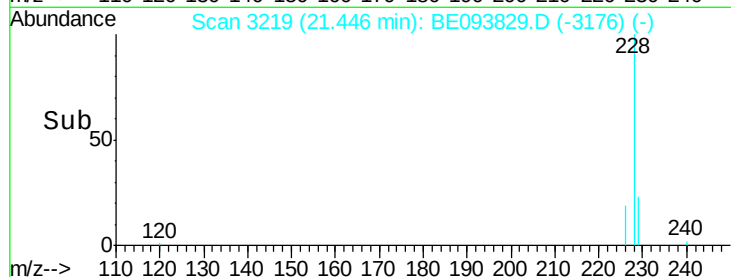
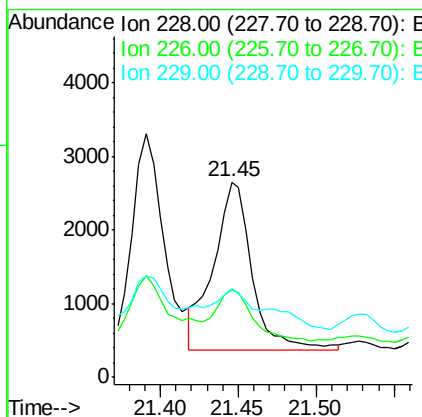
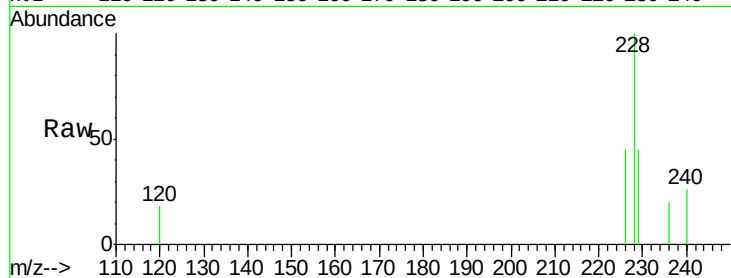
ClientSampleId :

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Tgt Ion:	228	Resp:	3916
Ion Ratio	Lower	Upper	
228	100		
226	44.8	23.4	35.0#
229	45.4	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.047 ng/ul m

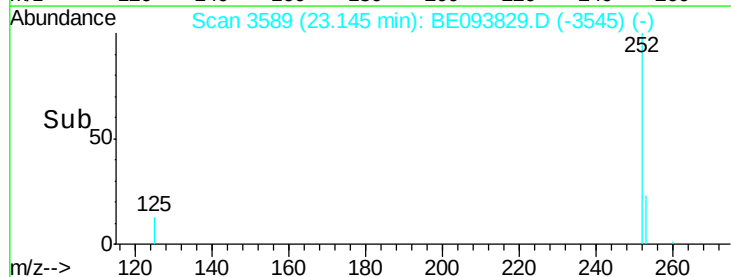
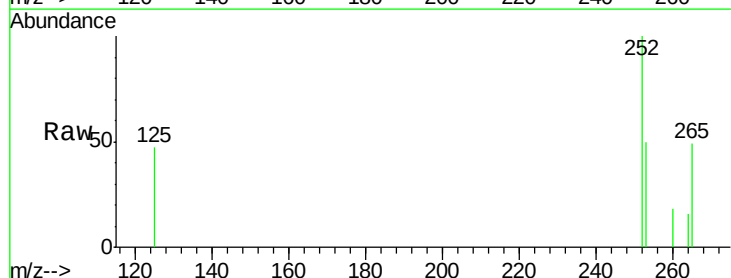
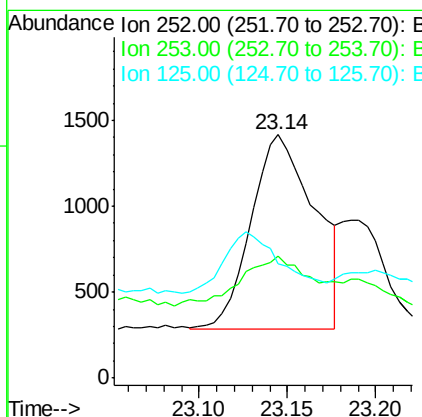
RT: 23.14 min Scan# 3589

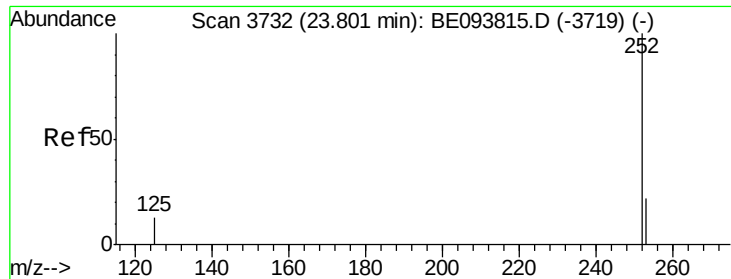
Delta R.T. -0.00 min

Lab File: BE093829.D

Acq: 16 Aug 2017 4:29

Tgt Ion:	252	Resp:	2850
Ion Ratio	Lower	Upper	
252	100		
253	50.1	0.0	64.2
125	47.1	0.0	35.0#





#23

Benzo(a)pyrene

Concen: 0.042 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093829.D

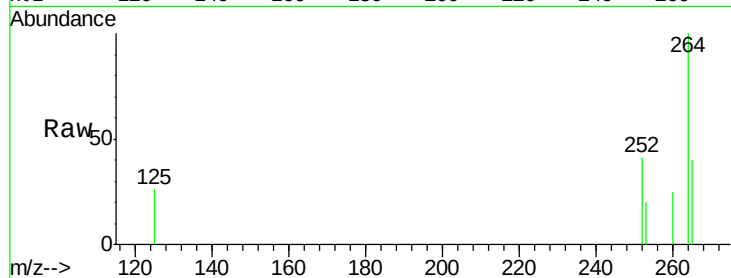
Acq: 16 Aug 2017 4:29

Instrument :

BNA_E

ClientSampleId :

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Tgt	Ion	Ratio	Lower	Upper
252	100			
253	49.2	28.5	42.7#	
125	65.0	18.1	27.1#	

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