

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000387.D
 Acq On : 14 Mar 2018 22:34
 Operator : JU/SJ
 Sample : J1865-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME6

Manual Integrations
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Quant Time: Mar 15 07:39:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	214277	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1048450	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	600847	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1330176	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1224660	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1138978	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2255878	37.83	ng/ul	0.00
10) Fluorene-d10	16.05	176	1480798	36.67	ng/ul	0.00
14) Anthracene-d10	17.88	188	2283750	36.75	ng/ul	0.00
18) Pyrene-d10	20.14	212	2486220	41.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1941134	37.32	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	14.79	152	86552	1.444	ng/ul	Qvalue 100
13) Phenanthrene	17.83	178	544608	7.139	ng/ul	99
15) Anthracene	17.92	178	120178	1.553	ng/ul	99
16) Fluoranthene	19.80	202	1348439	16.360	ng/ul#	92
19) Pyrene	20.16	202	1126577	14.570	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	586435	7.703	ng/ul	97
21) Chrysene	21.94	228	594146m	8.223	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	716816m	10.554	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	242017m	3.807	ng/ul	
26) Benzo(a)pyrene	24.28	252	463061	7.164	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	299427	4.296	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.95	278	86086	1.507	ng/ul#	80
29) Benzo(g,h,i)perylene	27.75	276	253449	4.355	ng/ul#	90

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

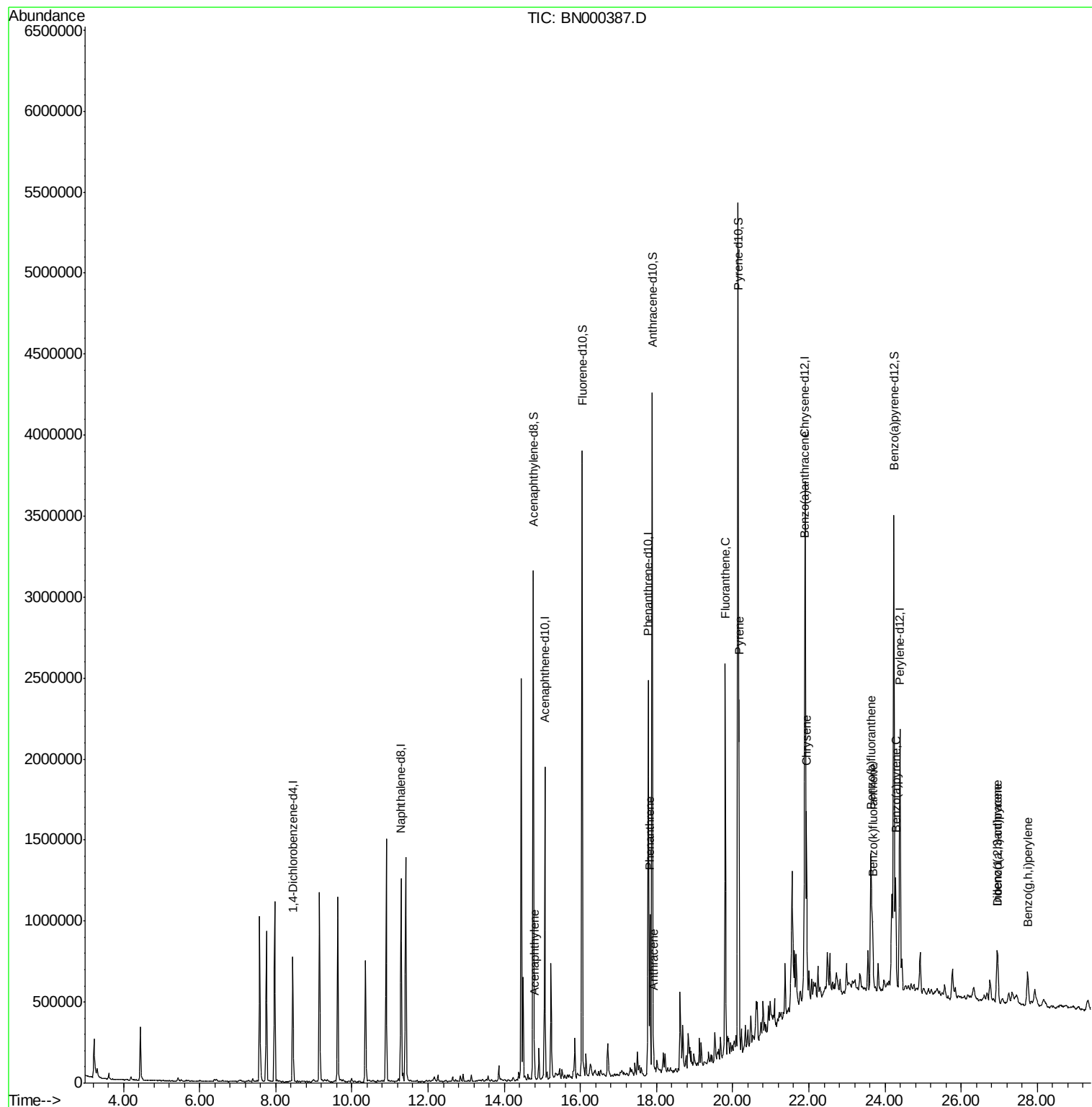
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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ALS Vial : 23 Sample Multiplier: 1

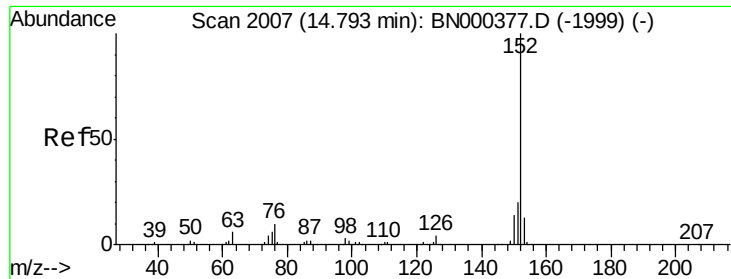
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
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QLast Update : Thu Mar 15 07:02:49 2018
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#8

Acenaphthylene

Concen: 1.444 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

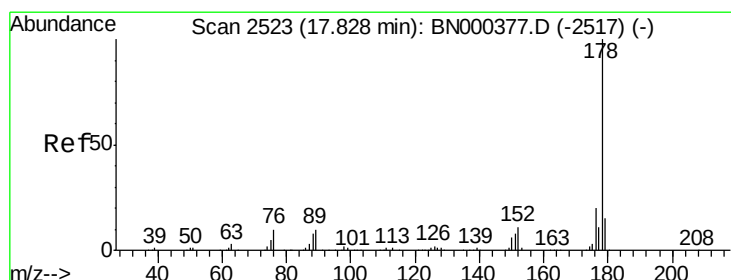
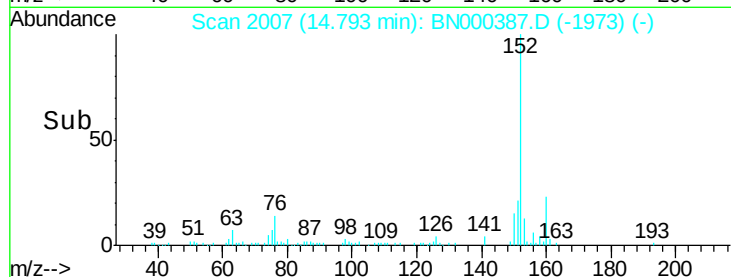
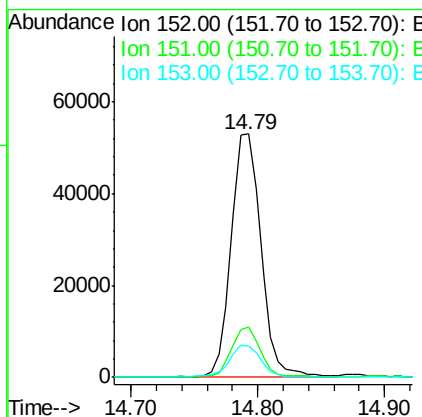
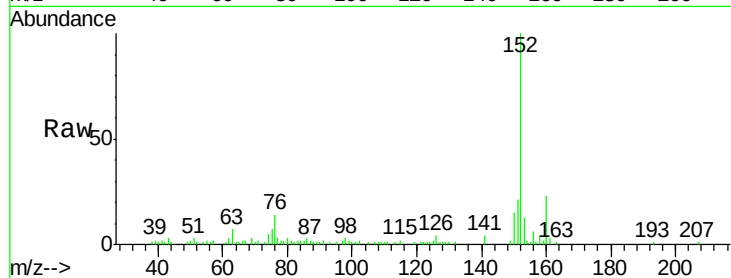
ClientSampleId :

DAME6

Tgt Ion:	152	Resp:	86552
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.7	25.1
153	12.8	10.2	15.4

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#13

Phenanthrene

Concen: 7.139 ng/ul

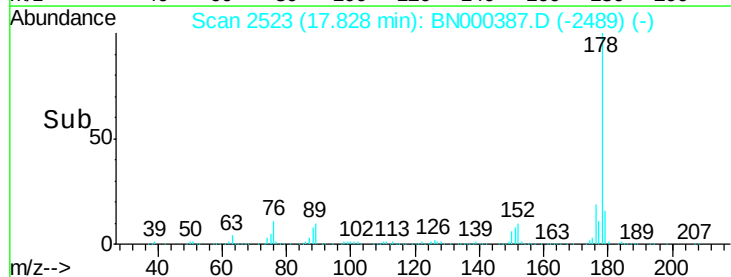
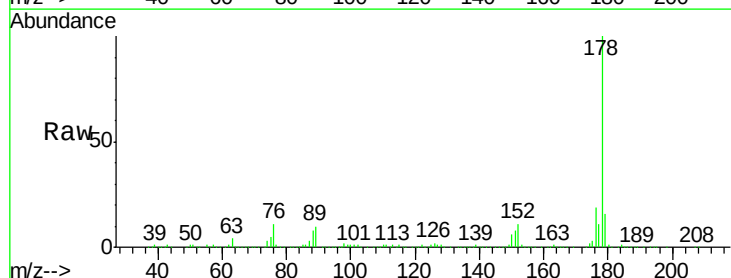
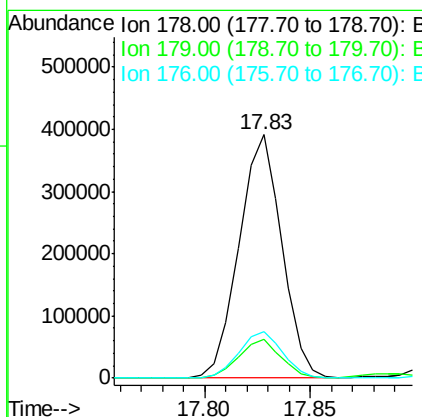
RT: 17.83 min Scan# 2523

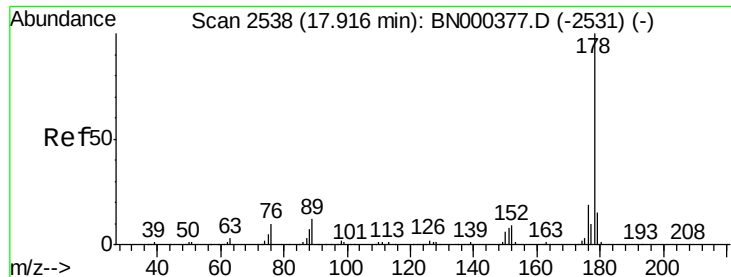
Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Tgt Ion:	178	Resp:	544608
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.1	15.1	22.7





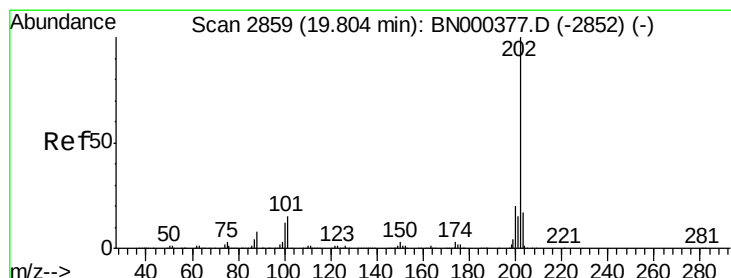
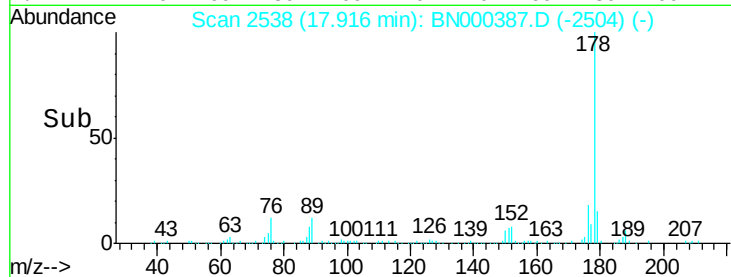
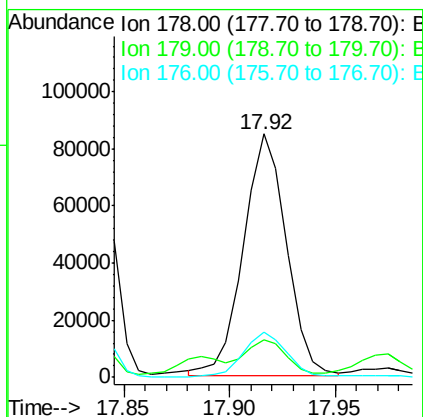
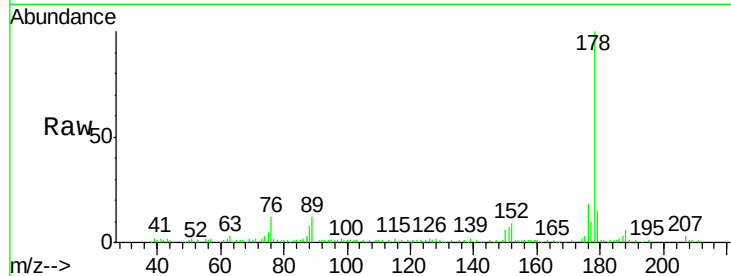
#15
 Anthracene
 Concen: 1.553 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.00 min
 Lab File: BN000387.D
 Acq: 14 Mar 2018 22:34

Instrument :
 BNA_N
 ClientSampled :
 DAME6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.3	15.2	22.8

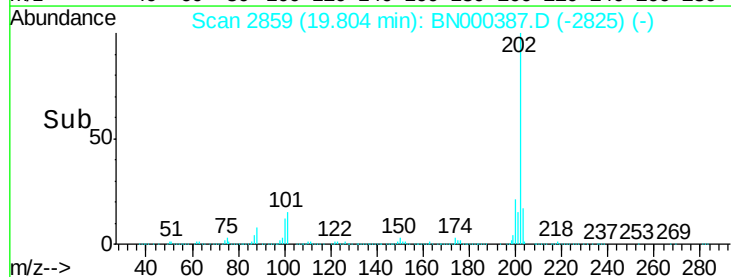
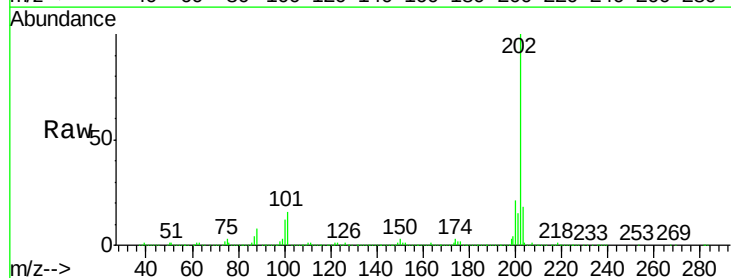
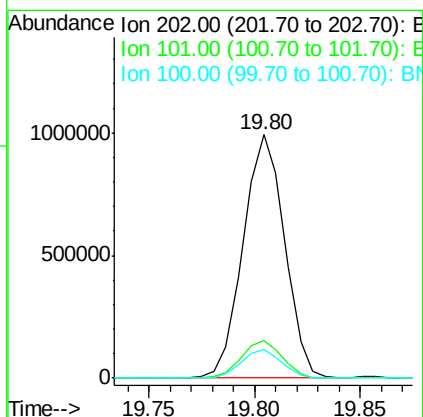
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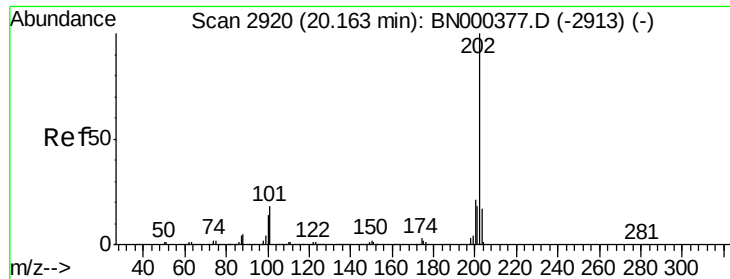
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#16
 Fluoranthene
 Concen: 16.360 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. 0.00 min
 Lab File: BN000387.D
 Acq: 14 Mar 2018 22:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	11.8	7.4	11.0#





#19

Pyrene

Concen: 14.570 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

DAME6

Tgt Ion:202 Resp: 1126577

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.4#

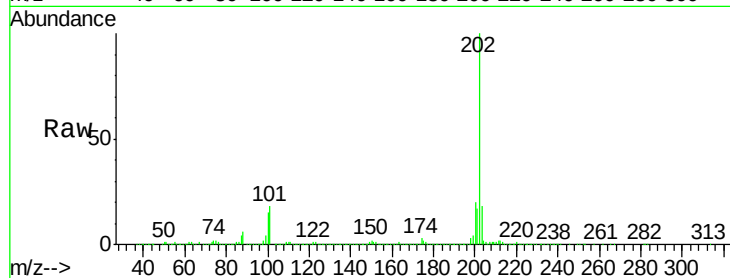
100 14.9 8.1 12.1#

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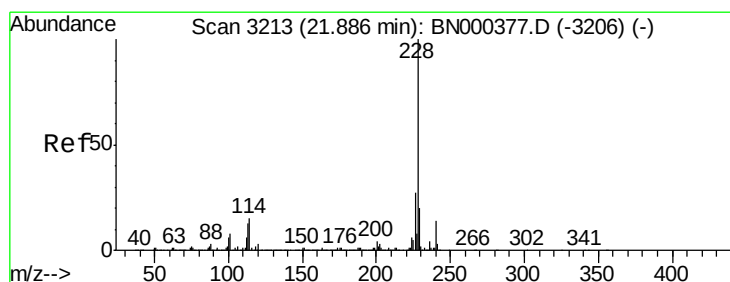
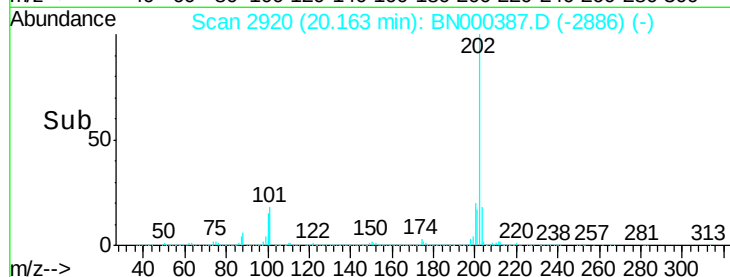
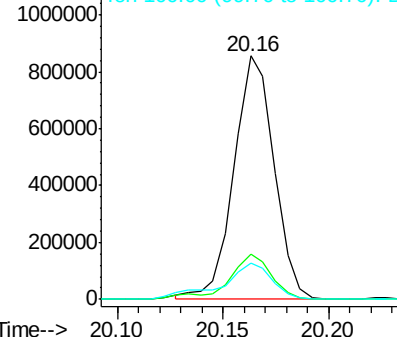
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 7.703 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

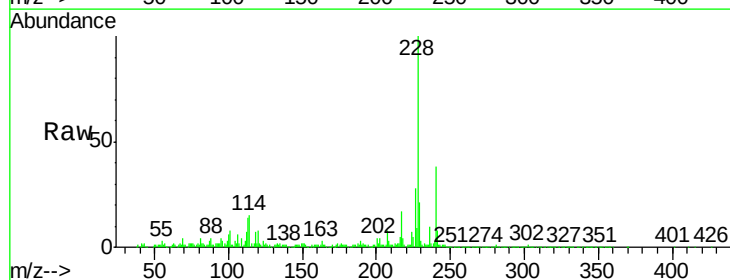
Tgt Ion:228 Resp: 586435

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

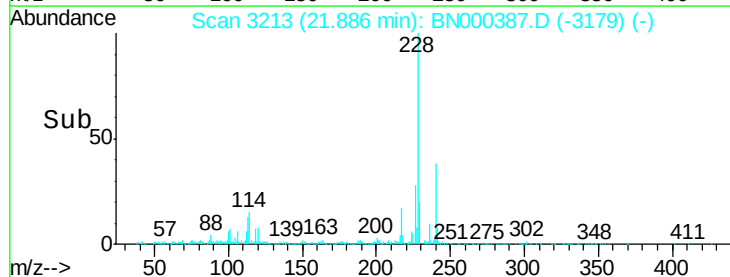
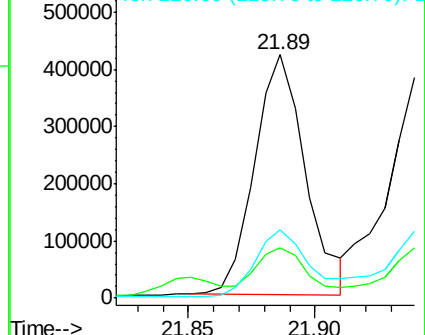
226 28.2 21.1 31.7

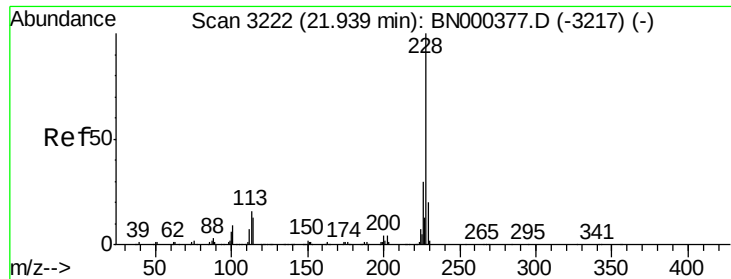


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





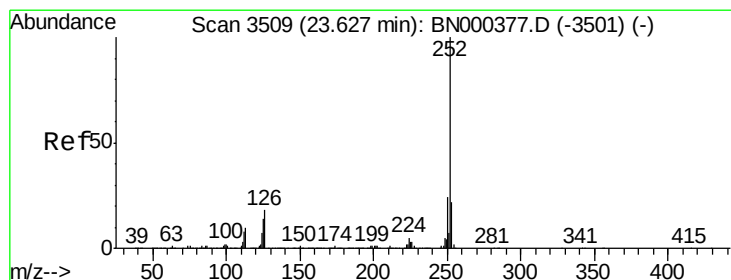
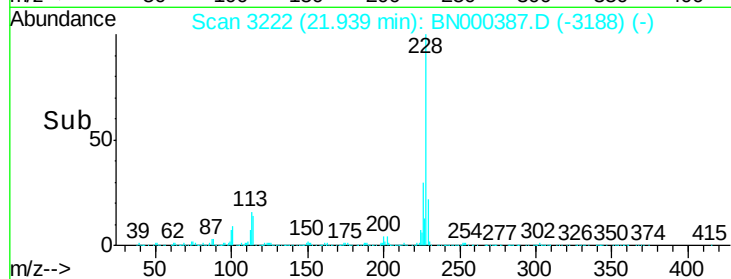
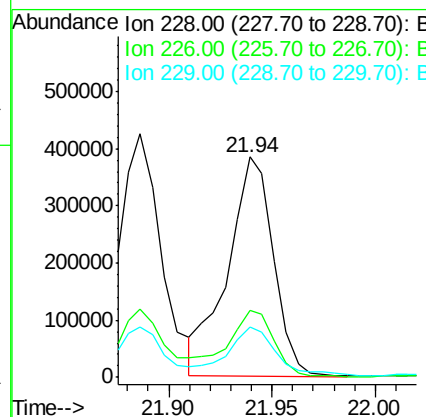
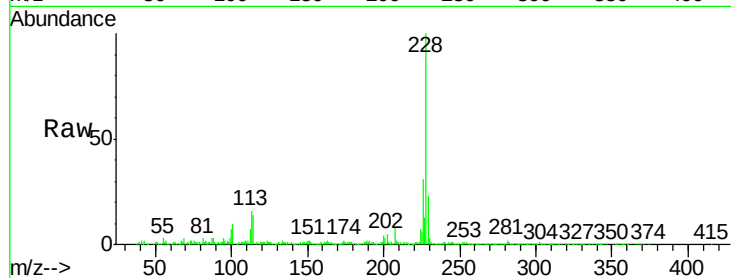
#21
Chrysene
Concen: 8.223 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BN000387.D
Acq: 14 Mar 2018 22:34

Instrument :
BNA_N
ClientSampled :
DAME6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	23.0	15.8	23.8

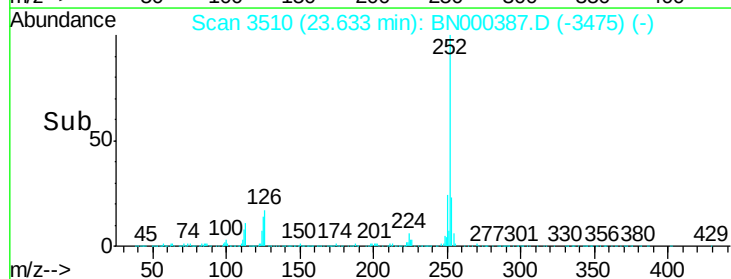
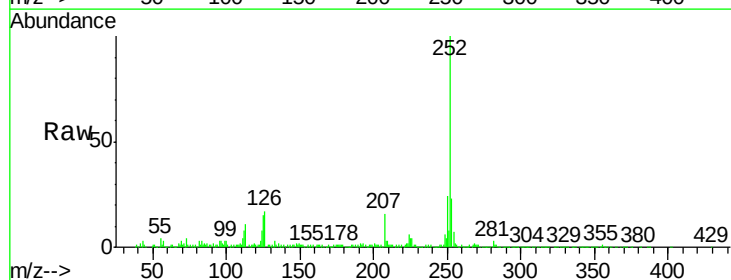
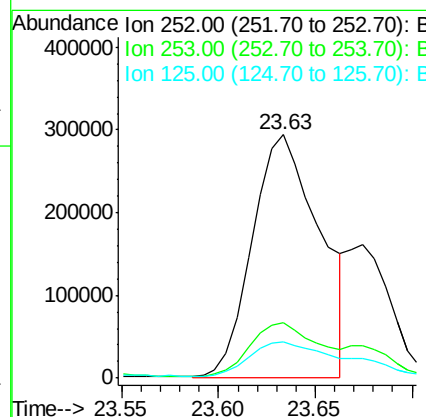
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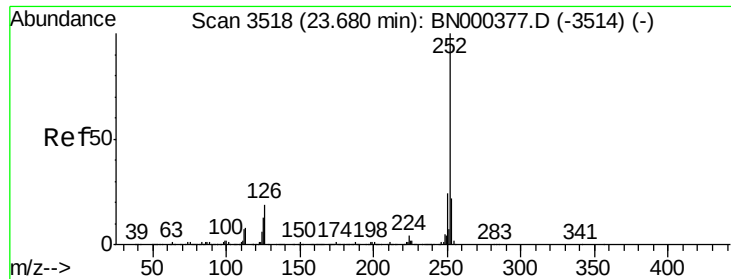
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#23
Benzo(b)fluoranthene
Concen: 10.554 ng/ul m
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000387.D
Acq: 14 Mar 2018 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.1	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 3.807 ng/ul m

RT: 23.67 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

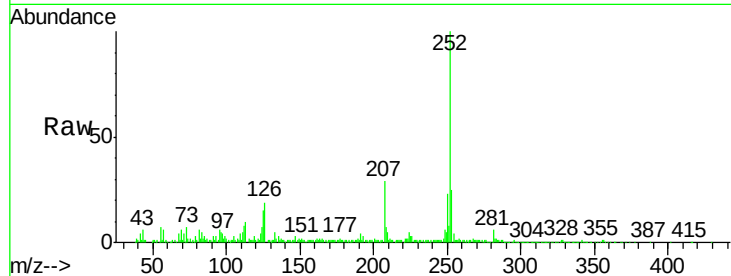
ClientSampled :

DAME6

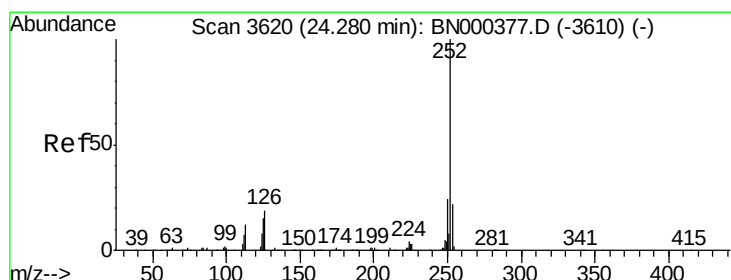
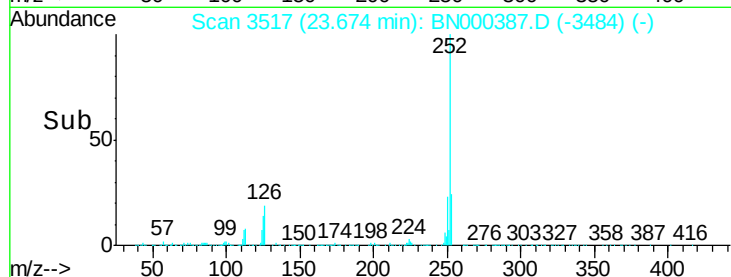
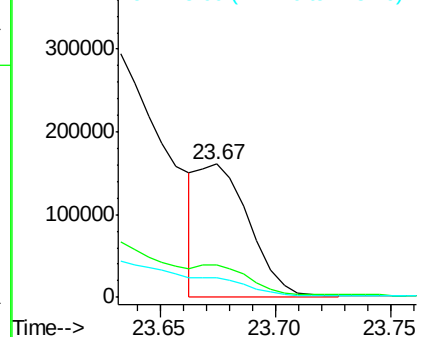
Tgt	Ion	Ratio	Lower	Upper
252	100			
253	24.7	18.0	27.0	
125	15.0	8.1	12.1	

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#26

Benzo(a)pyrene

Concen: 7.164 ng/ul

RT: 24.28 min Scan# 3620

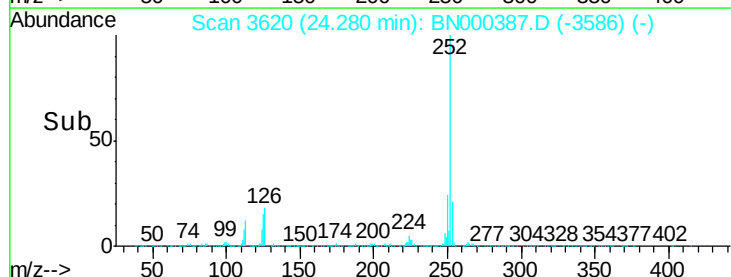
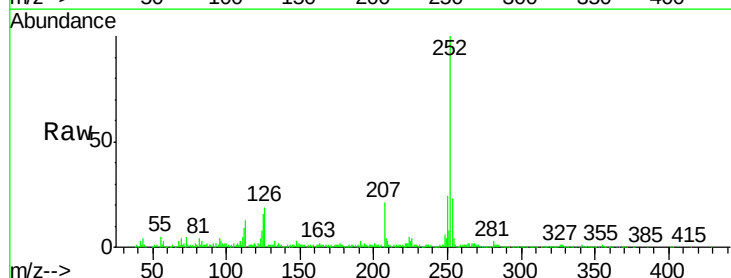
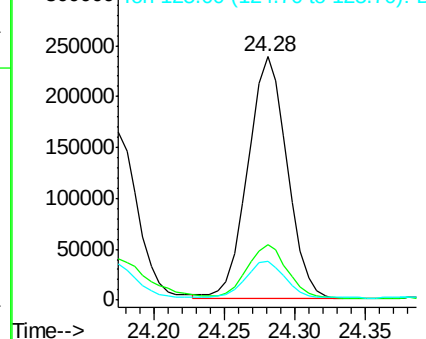
Delta R.T. 0.00 min

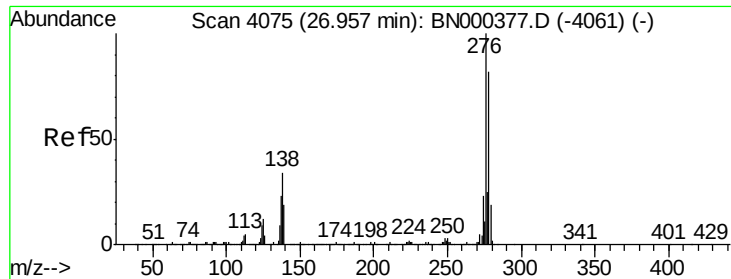
Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.9	17.2	25.8	
125	15.7	8.2	12.4	

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





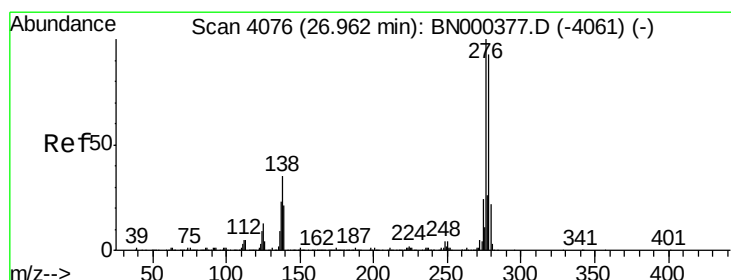
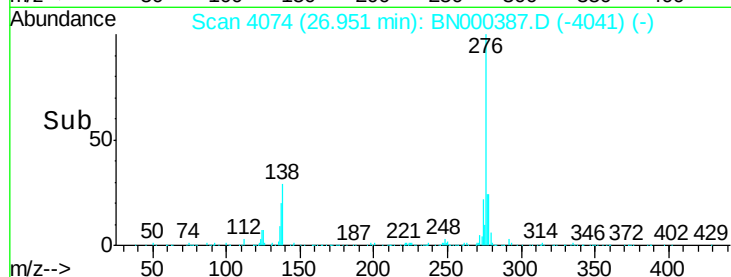
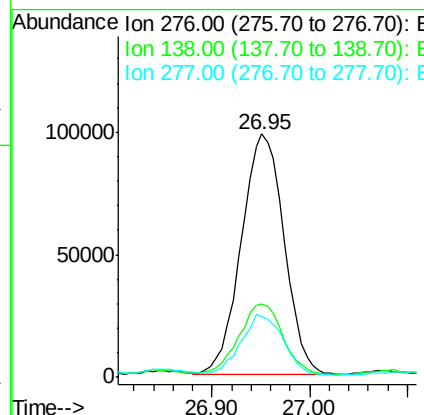
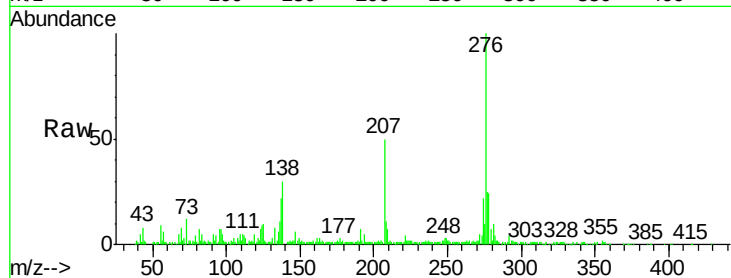
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.296 ng/ul
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN000387.D
 Acq: 14 Mar 2018 22:34

Instrument :
 BNA_N
 ClientSampleId :
 DAME6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	14.4	21.6#
277	25.1	18.0	27.0

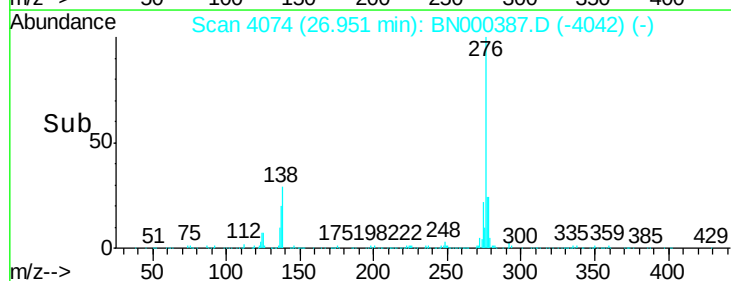
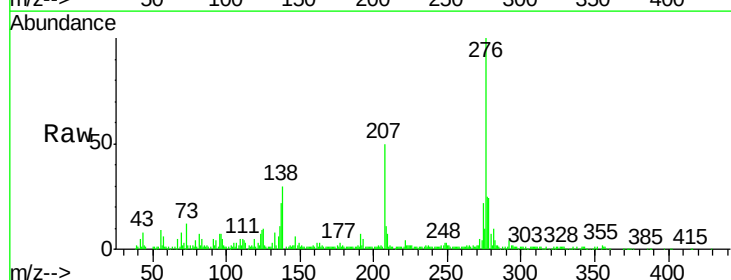
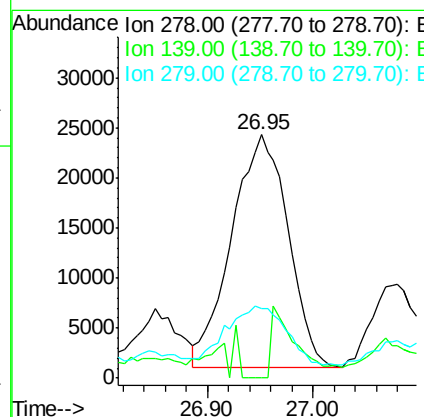
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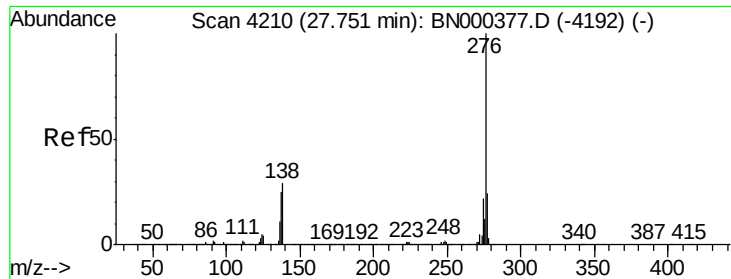
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.507 ng/ul
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN000387.D
 Acq: 14 Mar 2018 22:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	28.4	19.2	28.8





#29

Benzo(g,h,i)perylene

Concen: 4.355 ng/ul

RT: 27.75 min Scan# 4210

Delta R.T. 0.00 min

Lab File: BN000387.D

Acq: 14 Mar 2018 22:34

Instrument :

BNA_N

ClientSampleId :

DAME6

Tgt Ion:	276	Resp:	253449
Ion Ratio	Lower	Upper	
276	100		
138	29.3	15.3	22.9#
277	23.8	19.0	28.4

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