

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
 Data File : BN004066.D
 Acq On : 18 Dec 2018 09:04
 Operator : JU/SJ
 Sample : J6270-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E13

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Quant Time: Dec 18 11:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 18 06:35:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1614	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8250	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5257	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14054m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16033m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13788m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2632	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	9624m	0.23	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	3427	0.145	ng/ul	96
12) Phenanthrene	17.26	178	2161m	0.047	ng/ul	
13) Anthracene	17.35	178	3482m	0.092	ng/ul	
15) Fluoranthene	19.28	202	19551m	0.359	ng/ul	
17) Pyrene	19.64	202	20683	0.360	ng/ul	98
18) Benzo(a)anthracene	21.39	228	12789	0.253	ng/ul	93
19) Chrysene	21.44	228	14294m	0.247	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	22539m	0.395	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	7635m	0.137	ng/ul	
23) Benzo(a)pyrene	23.62	252	9941	0.201	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.09	276	9376	0.166	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.09	278	2387	0.052	ng/ul#	28
26) Benzo(g,h,i)perylene	26.82	276	7364	0.150	ng/ul#	81

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

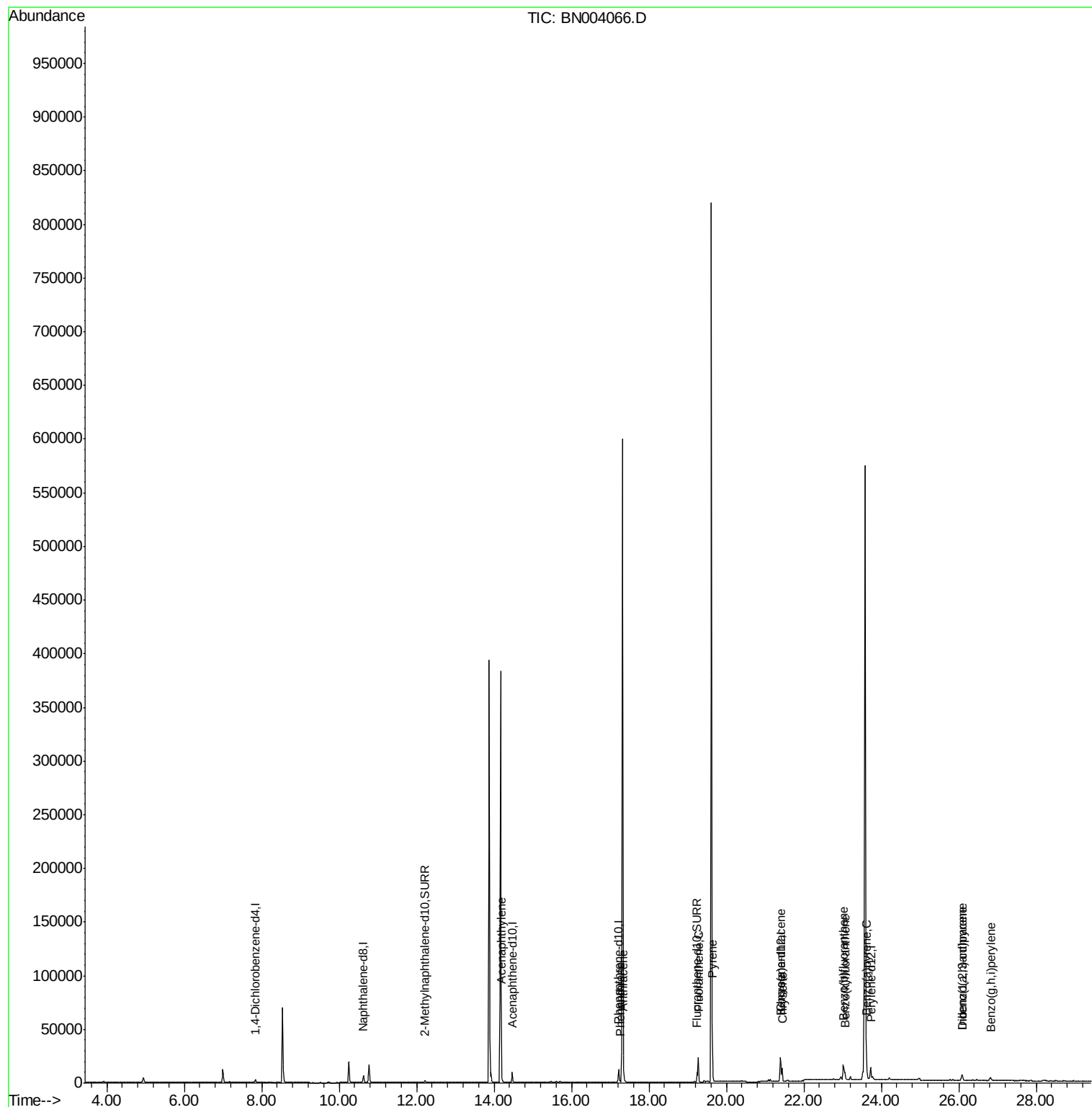
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\
Data File : BN004066.D
Acq On : 18 Dec 2018 09:04
Operator : JU/SJ
Sample : J6270-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

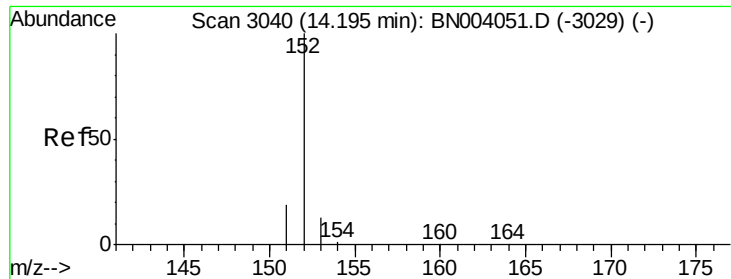
Instrument :
BNA_N
ClientSampled :
F9E13

Quant Time: Dec 18 11:33:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

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#7

Acenaphthylene

Concen: 0.145 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Instrument :

BNA_N

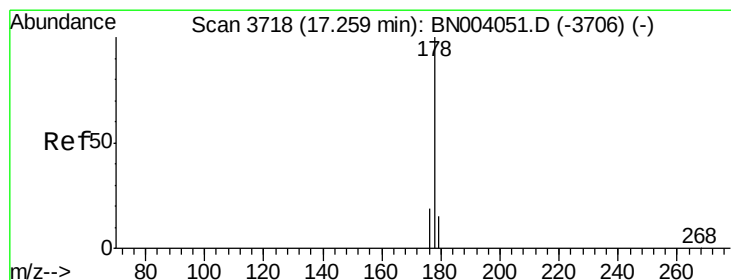
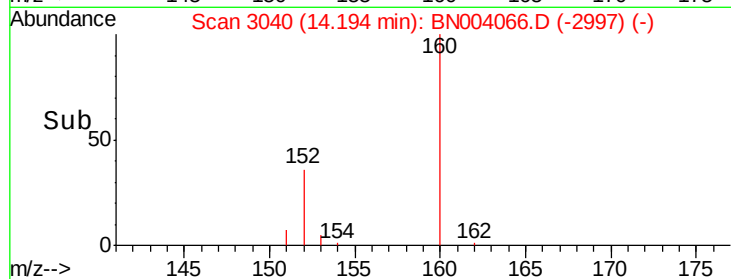
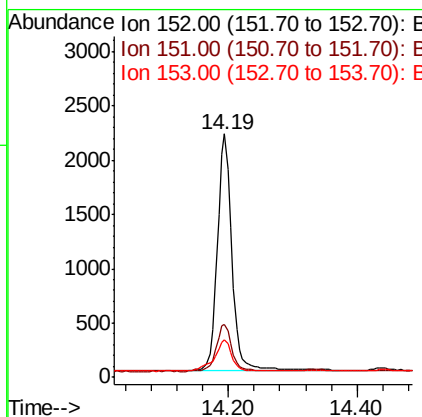
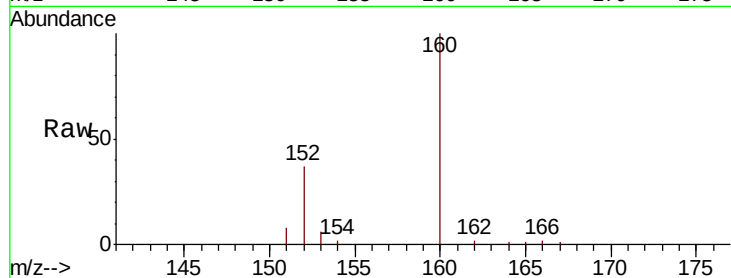
ClientSampleId :

F9E13

Tgt Ion:	152	Resp:	3427
Ion Ratio	Lower	Upper	
152	100		
151	21.7	15.9	23.9
153	15.4	10.7	16.1

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#12

Phenanthrene

Concen: 0.047 ng/ul m

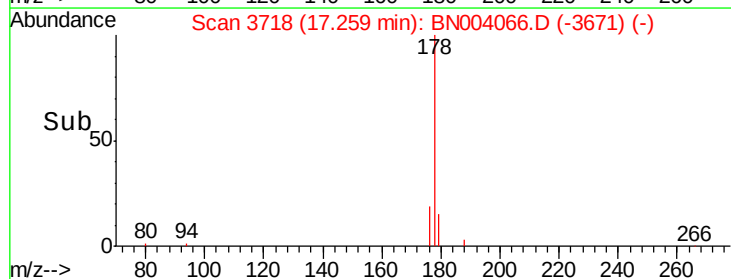
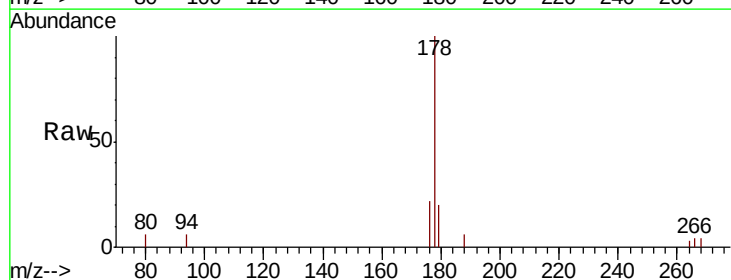
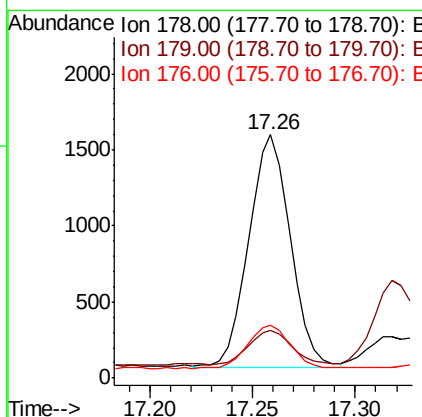
RT: 17.26 min Scan# 3718

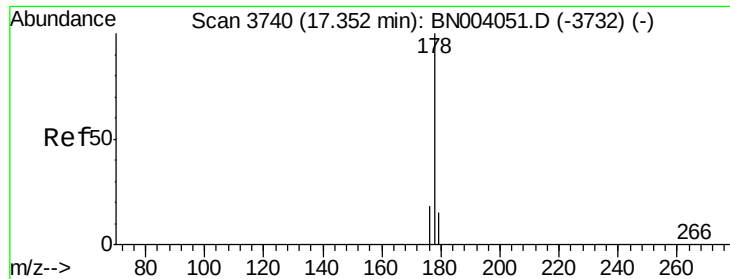
Delta R.T. -0.00 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Tgt Ion:	178	Resp:	2161
Ion Ratio	Lower	Upper	
178	100		
179	19.9	12.5	18.7#
176	21.8	15.0	22.4





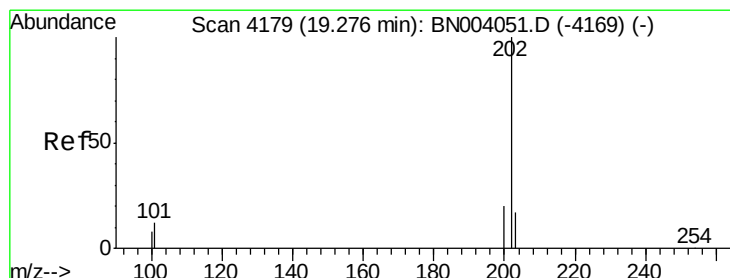
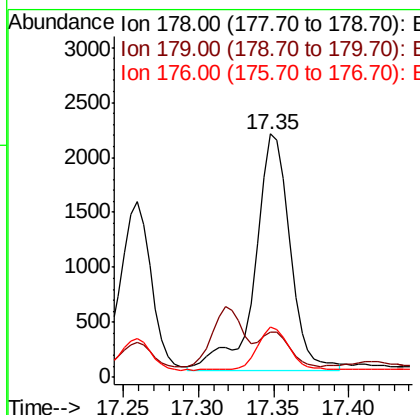
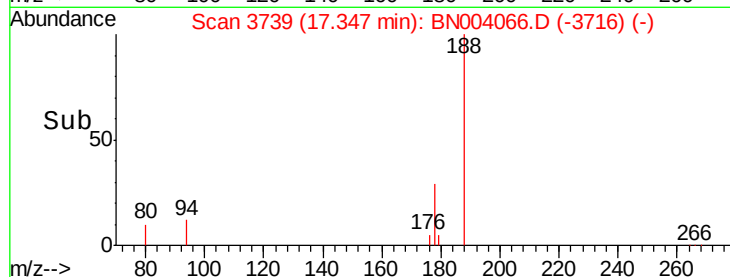
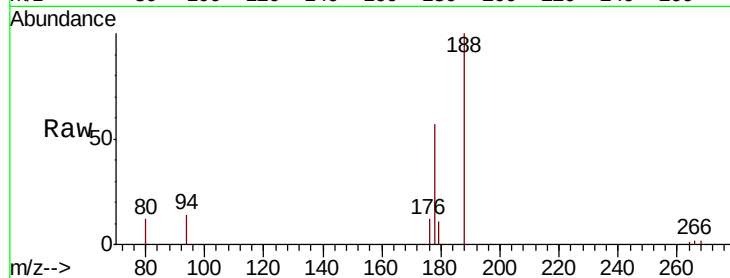
#13
 Anthracene
 Concen: 0.092 ng/ul m
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004066.D
 Acq: 18 Dec 2018 09:04

Instrument :
 BNA_N
 ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.3	18.5#
176	20.6	14.8	22.2

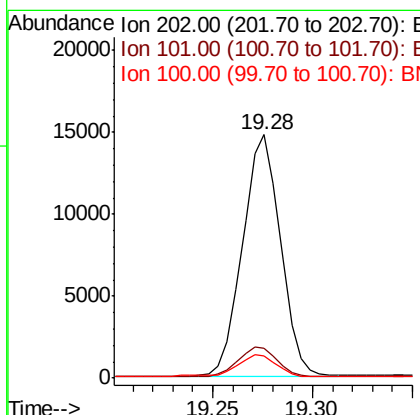
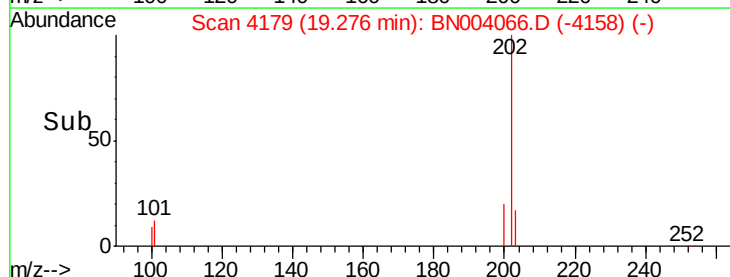
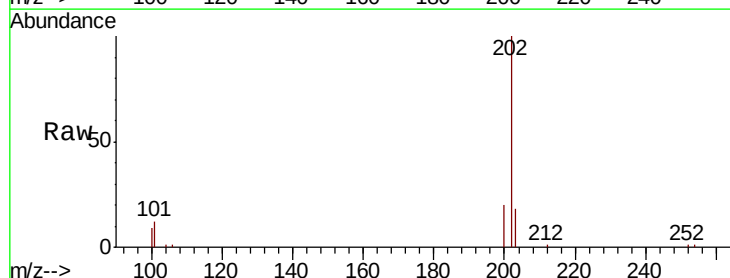
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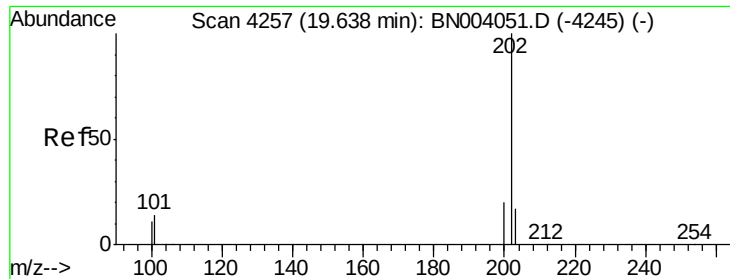
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#15
 Fluoranthene
 Concen: 0.359 ng/ul m
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004066.D
 Acq: 18 Dec 2018 09:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.7
100	9.1	0.0	28.1





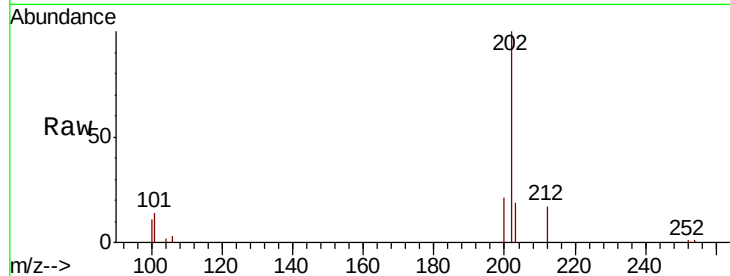
#17
Pyrene
Concen: 0.360 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN004066.D
Acq: 18 Dec 2018 09:04

Instrument :
BNA_N
ClientSampleId :
F9E13

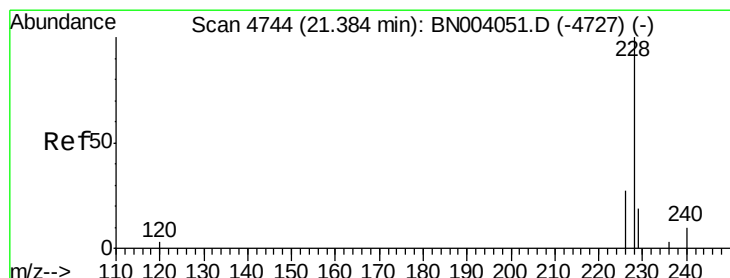
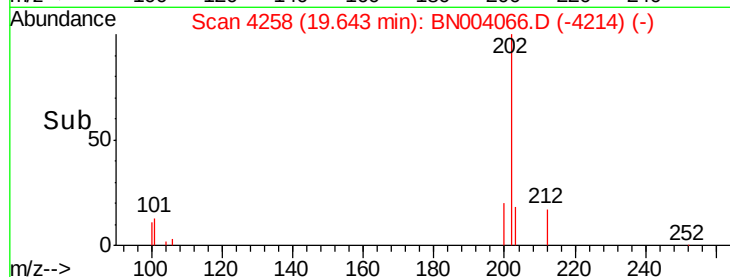
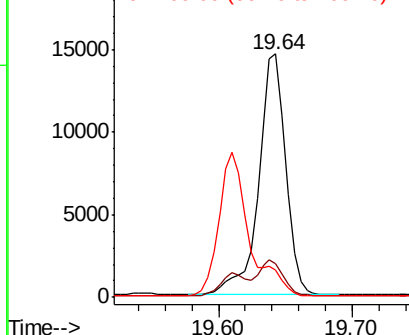
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	10.3	15.5
100	11.1	8.5	12.7

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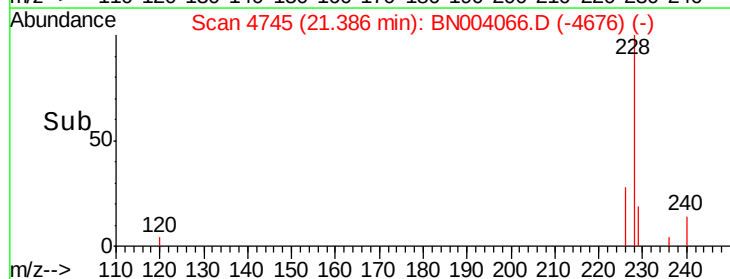
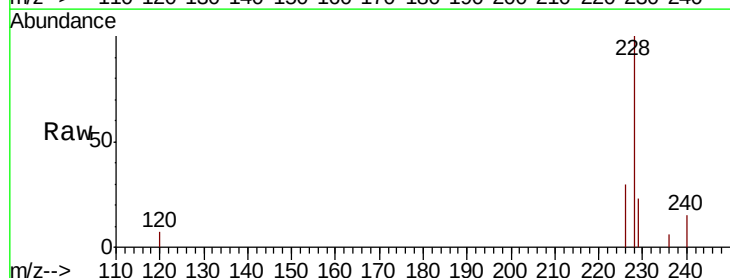
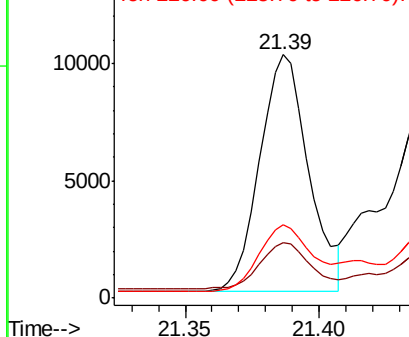
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

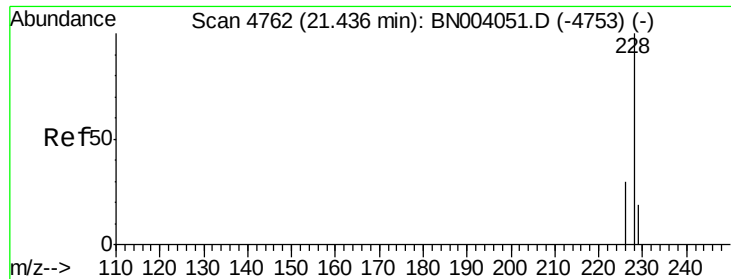


#18
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004066.D
Acq: 18 Dec 2018 09:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.6	15.6	23.4
226	30.2	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





#19

Chrysene

Concen: 0.247 ng/ul m

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Instrument :

BNA_N

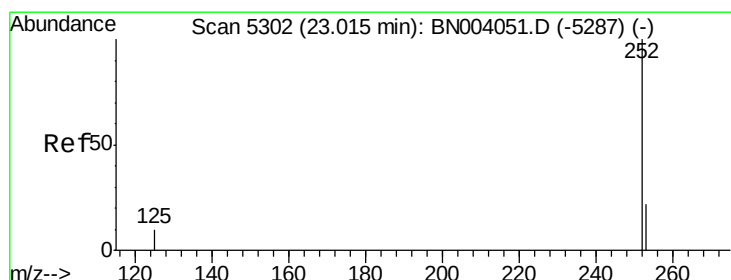
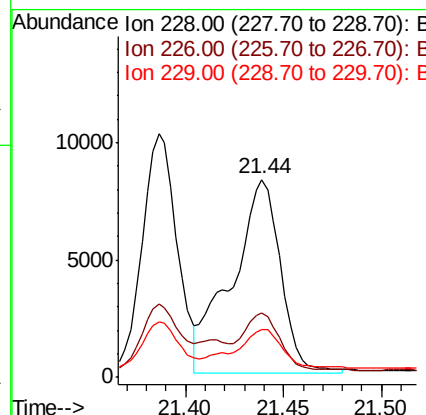
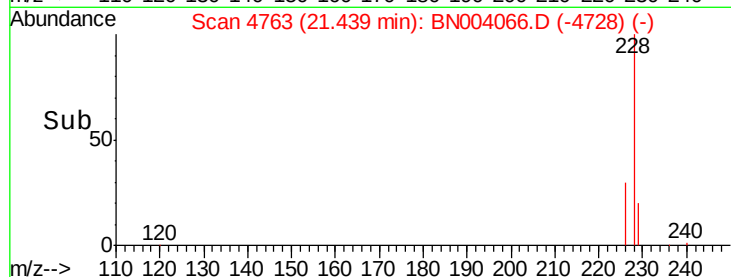
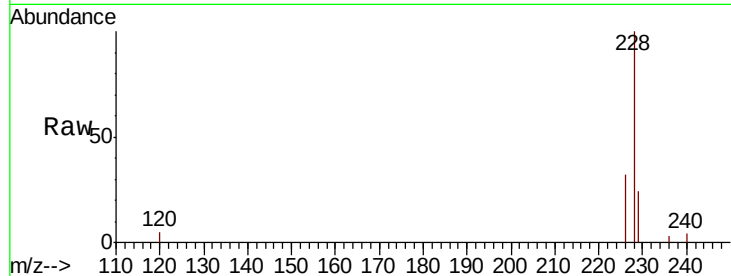
ClientSampled :

F9E13

Tgt Ion:	228	Resp:	14294
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.0	36.0
229	24.4	15.7	23.5#

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#21

Benzo(b)fluoranthene

Concen: 0.395 ng/ul m

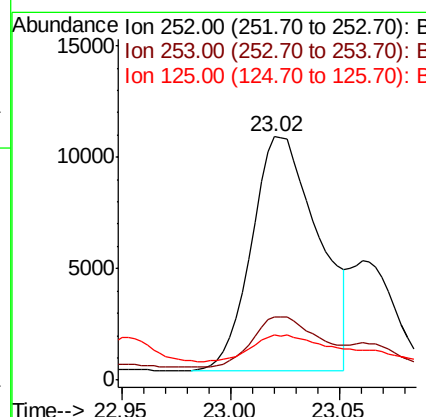
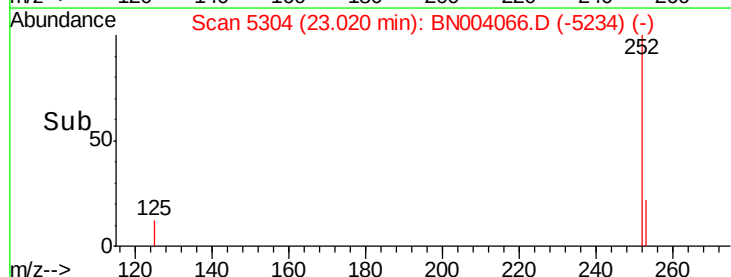
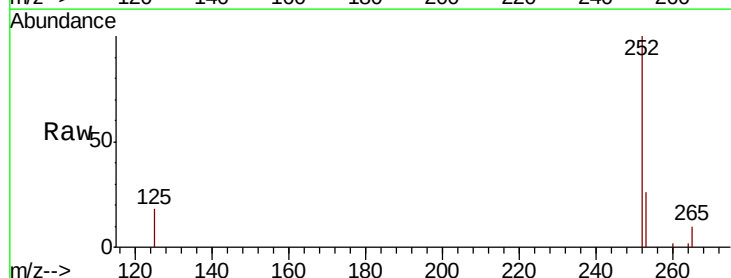
RT: 23.02 min Scan# 5304

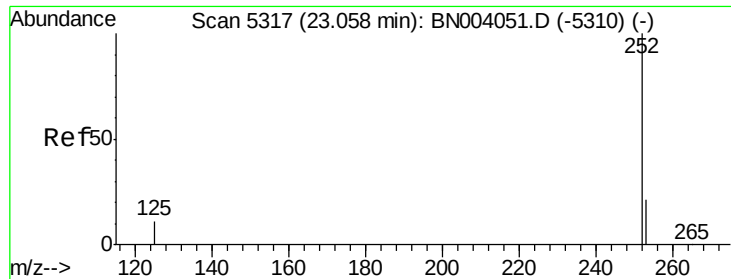
Delta R.T. 0.01 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Tgt Ion:	252	Resp:	22539
Ion Ratio	Lower	Upper	
252	100		
253	25.9	0.0	46.0
125	18.5	0.0	22.4





#22

Benzo(k)fluoranthene

Concen: 0.137 ng/ul m

RT: 23.06 min Scan# 5318

Delta R.T. 0.00 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Instrument :

BNA_N

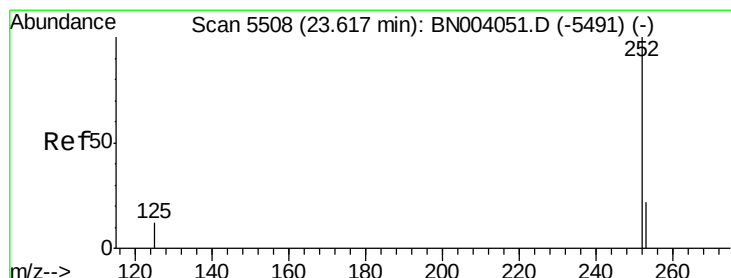
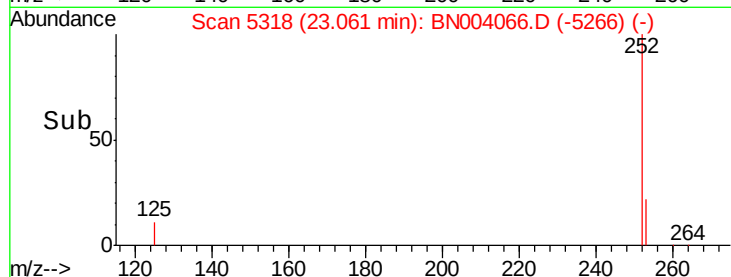
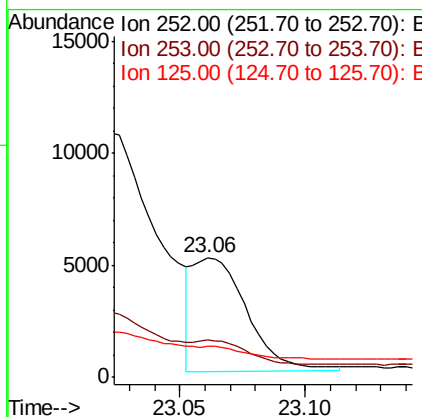
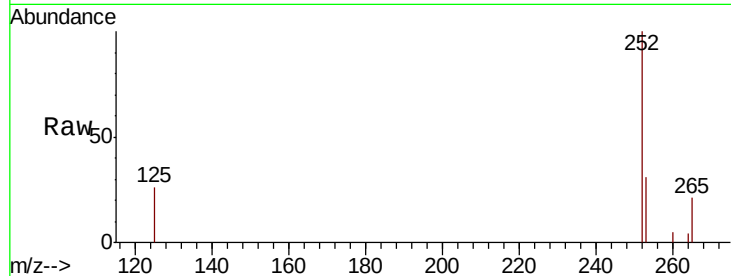
ClientSampleId :

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Tgt Ion:	252	Resp:	7635
Ion Ratio	Lower	Upper	
252	100		
253	31.2	18.5	27.7#
125	25.6	9.0	13.6#

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#23

Benzo(a)pyrene

Concen: 0.201 ng/ul

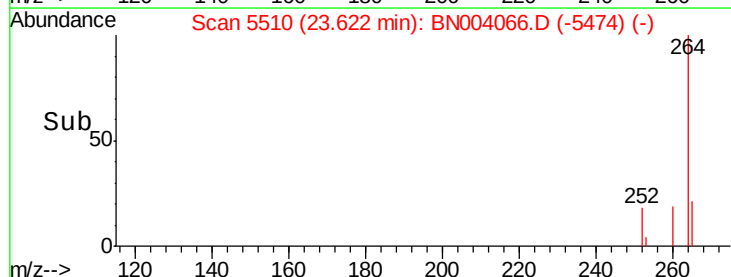
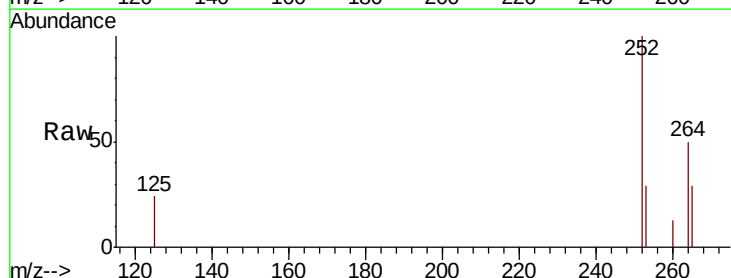
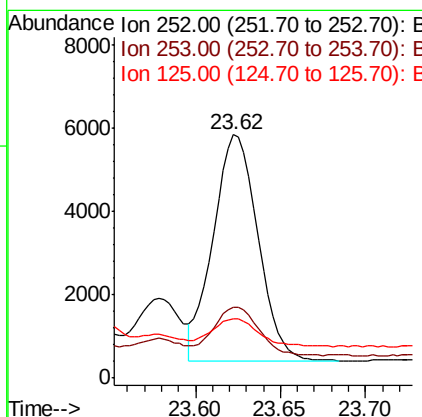
RT: 23.62 min Scan# 5510

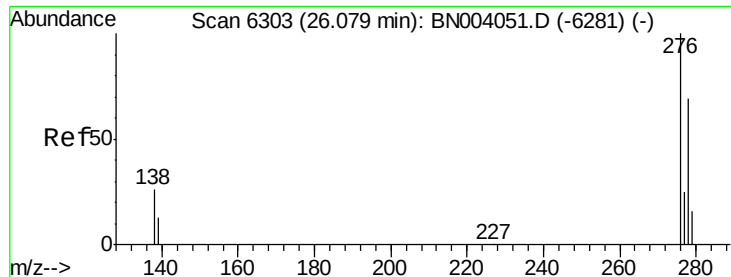
Delta R.T. 0.01 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

Tgt Ion:	252	Resp:	9941
Ion Ratio	Lower	Upper	
252	100		
253	29.3	19.0	28.4#
125	24.4	10.2	15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.166 ng/ul

RT: 26.09 min Scan# 6305

Delta R.T. 0.01 min

Lab File: BN004066.D

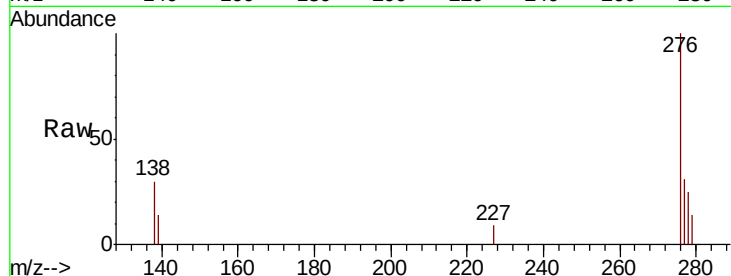
Acq: 18 Dec 2018 09:04

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.3	30.5
227	0.1	0.2	0.2#

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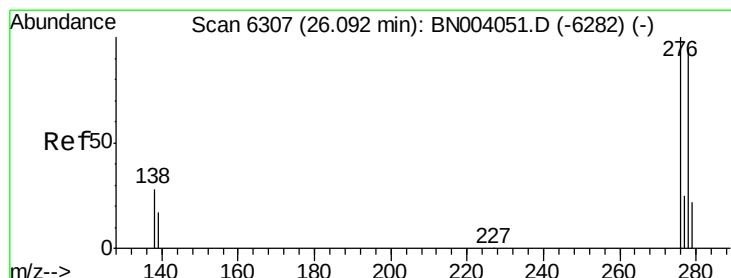
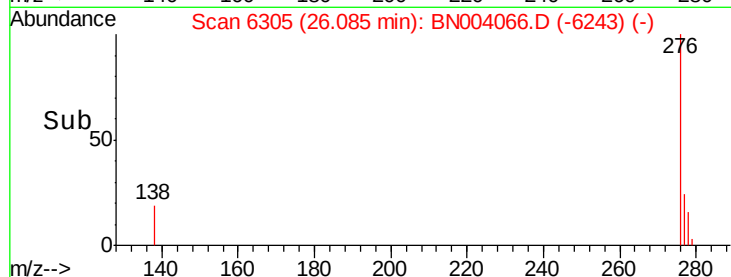
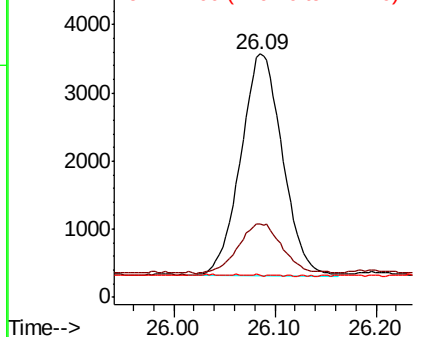


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.052 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.00 min

Lab File: BN004066.D

Acq: 18 Dec 2018 09:04

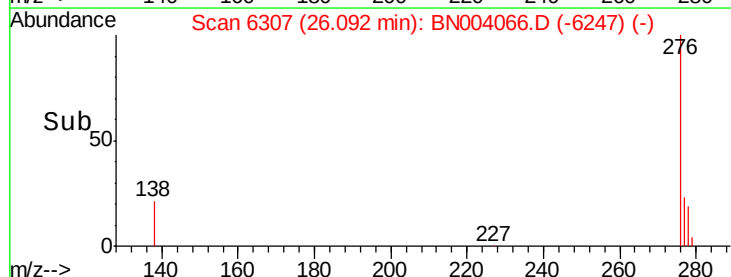
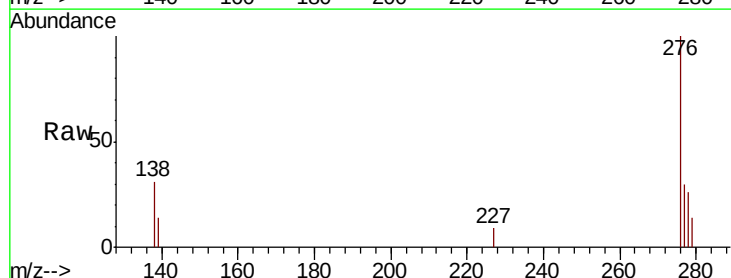
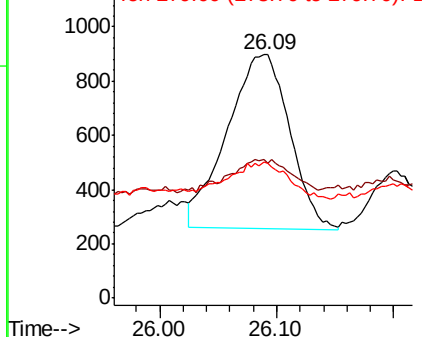
Tgt Ion	Ratio	Lower	Upper
278	100		
139	55.5	14.2	21.4#
279	55.6	19.8	29.6#

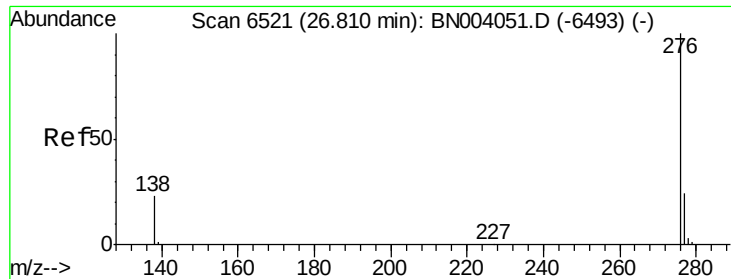
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.150 ng/ul

RT: 26.82 min Scan# 6525

Delta R.T. 0.01 min

Lab File: BN004066.D

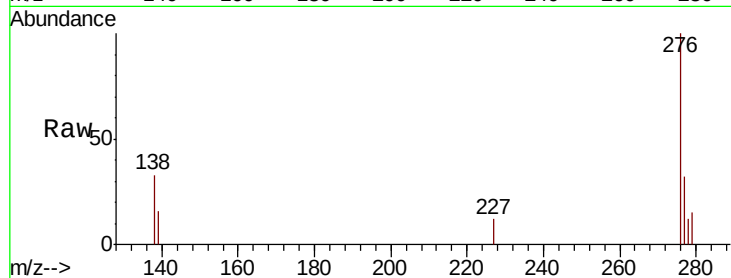
Acq: 18 Dec 2018 09:04

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	276	Resp:	7364
Ion Ratio	Lower	Upper	
276	100		
138	33.0	17.7	26.5#
277	32.0	19.3	28.9#

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