

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092915\
 Data File : BM002774.D
 Acq On : 30 Sep 2015 08:23
 Operator : UM/IZ
 Sample : G3838-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MW7

Quant Time: Sep 30 10:36:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 30 06:48:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	98630	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	414697	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.29	164	206886	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.00	188	416262	20.00	ng/ul	0.00
78) Chrysene-d12	22.09	240	435945	20.00	ng/ul	0.00
86) Perylene-d12	24.68	264	440710	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	10634	5.01	ng/uL	0.00
5) Phenol-d5	7.82	99	227623	30.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	130359	31.01	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	210167	30.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	193147	31.35	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	100066	31.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	105784	32.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	175473	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.68	131	269925	38.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	509602	32.74	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	677974	32.64	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	88037	31.85	ng/ul	0.00
58) Fluorene-d10	16.27	176	443021	31.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.39	200	42512	20.94	ng/ul	0.00
71) Anthracene-d10	18.10	188	642935	32.36	ng/ul	0.00
79) Pyrene-d10	20.33	212	667032	32.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.51	264	749248	33.23	ng/ul	0.00

Target Compounds

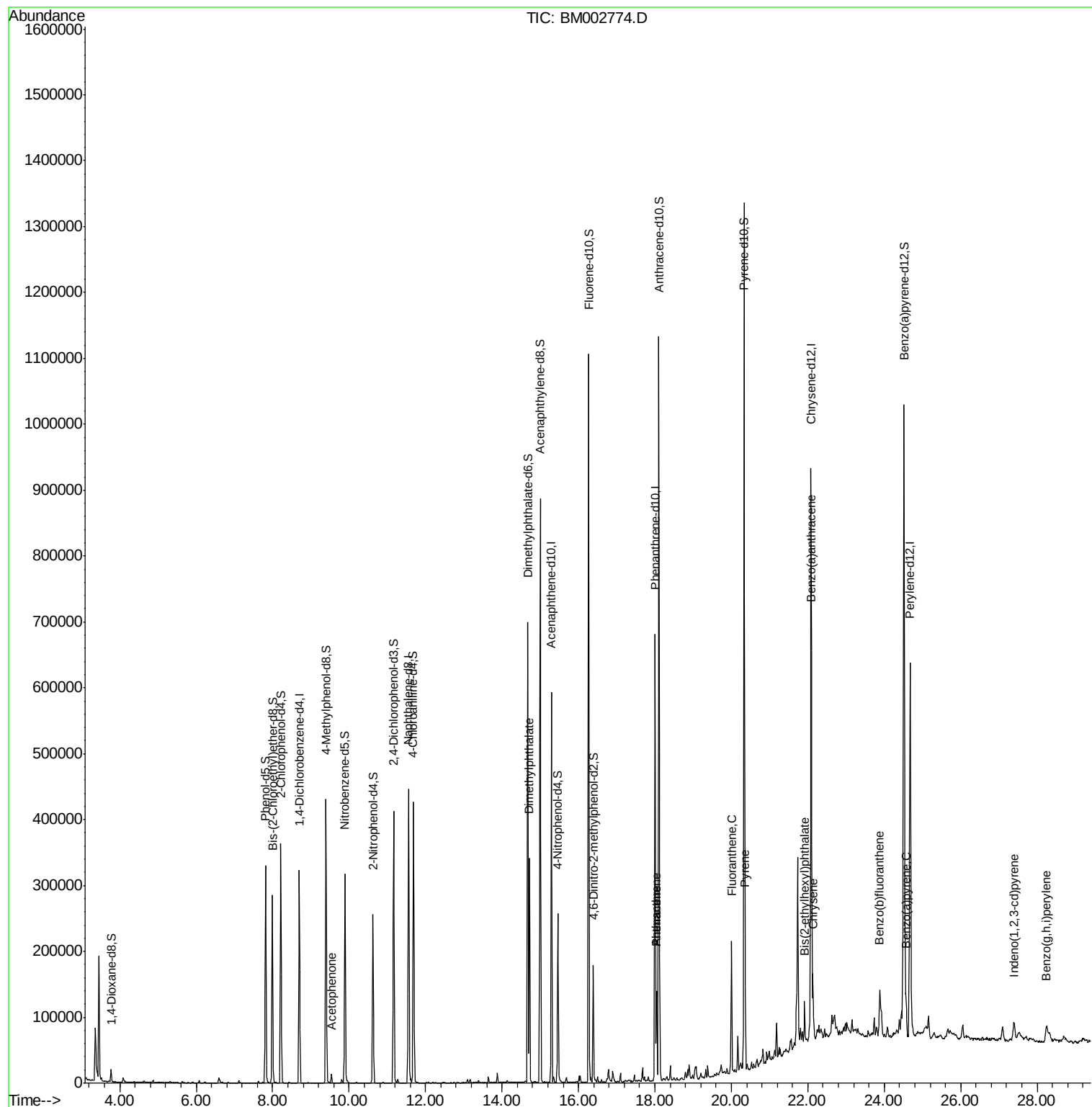
						Qvalue
14) Acetophenone	9.54	105	9378	1.01	ng/ul	98
45) Dimethylphthalate	14.72	163	242290	15.31	ng/ul	99
70) Phenanthrene	18.04	178	85476	3.55	ng/ul	99
72) Anthracene	18.04	178	85476	3.49	ng/ul	98
77) Fluoranthene	20.00	202	117181	4.71	ng/ul	98
80) Pyrene	20.36	202	100355	3.62	ng/ul	99
83) Benzo(a)anthracene	22.07	228	49285	1.90	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.92	149	23063	1.23	ng/ul	97
85) Chrysene	22.13	228	50857	2.08	ng/ul	95
88) Benzo(b)fluoranthene	23.88	252	63806	2.41	ng/ul	96
91) Benzo(a)pyrene	24.57	252	48747	1.92	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	27.39	276	31971	1.08	ng/ul#	90
94) Benzo(g,h,i)perylene	28.24	276	30289	1.21	ng/ul	97

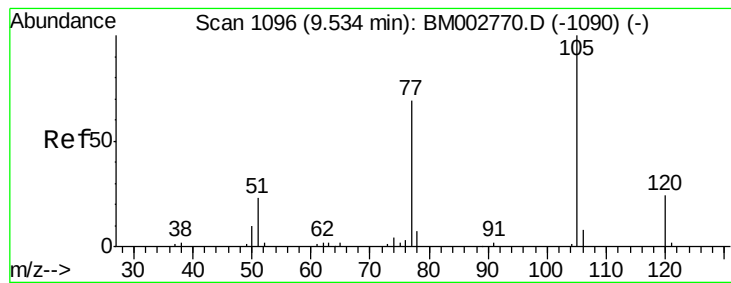
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.01 ng/ul

RT: 9.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

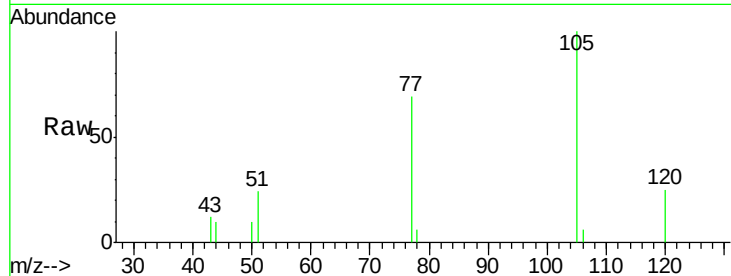
Tgt Ion:105 Resp: 9378

Ion Ratio Lower Upper

105 100

77 68.8 54.5 81.7

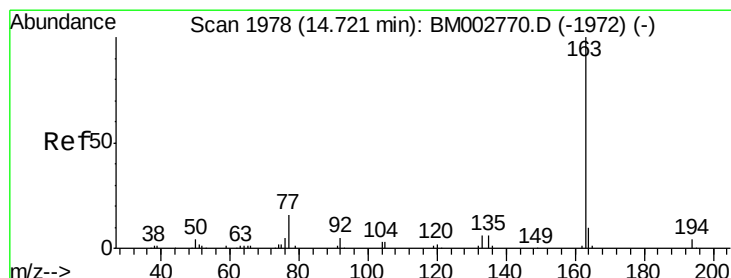
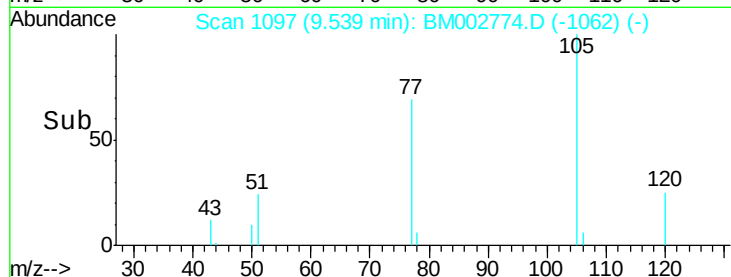
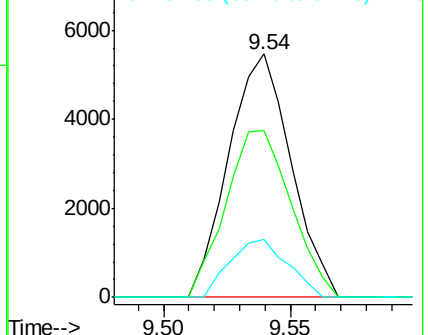
51 23.8 17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#45

Dimethylphthalate

Concen: 15.31 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

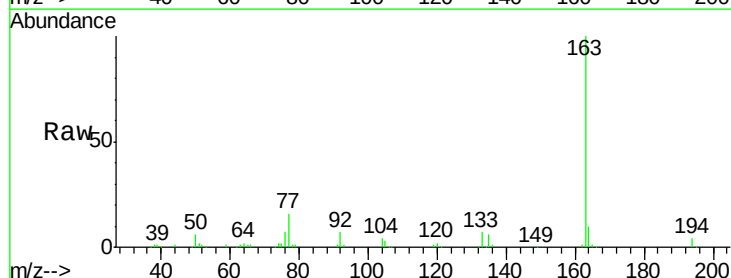
Tgt Ion:163 Resp: 242290

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

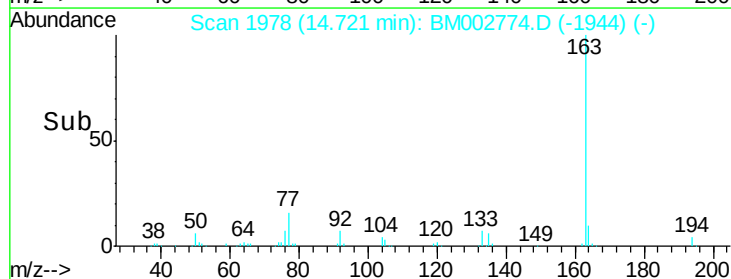
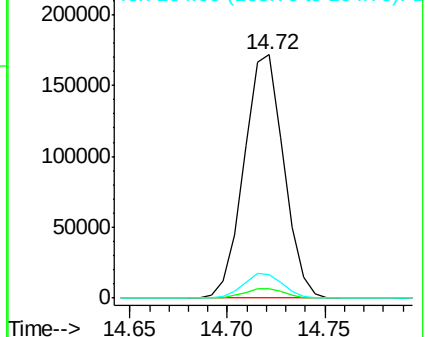
164 9.8 8.1 12.1

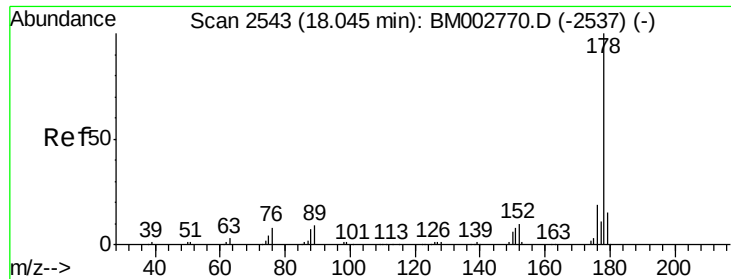


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 3.55 ng/ul

RT: 18.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

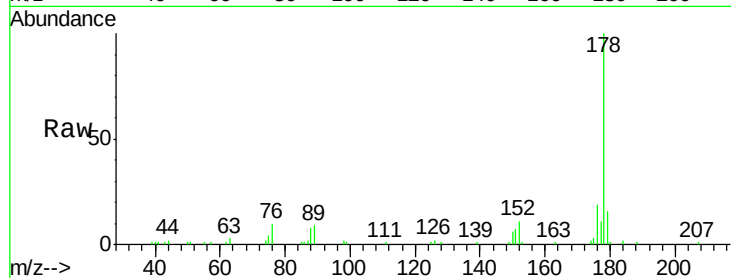
Tgt Ion:178 Resp: 85476

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

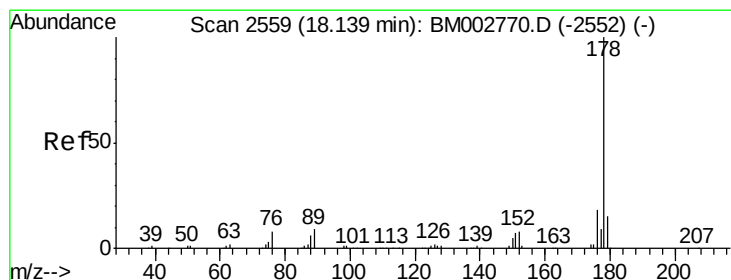
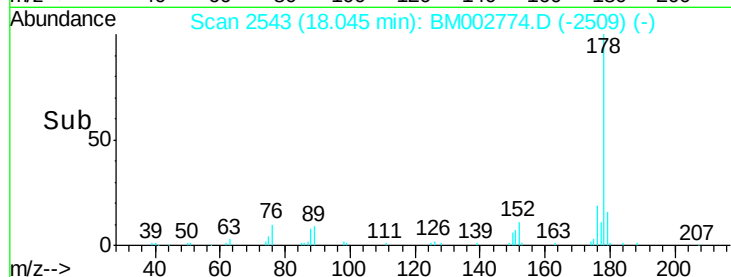
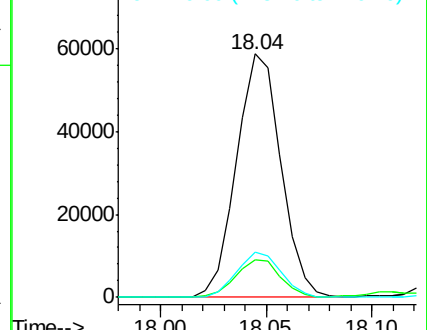
176 18.7 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.49 ng/ul

RT: 18.04 min Scan# 2543

Delta R.T. -0.09 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

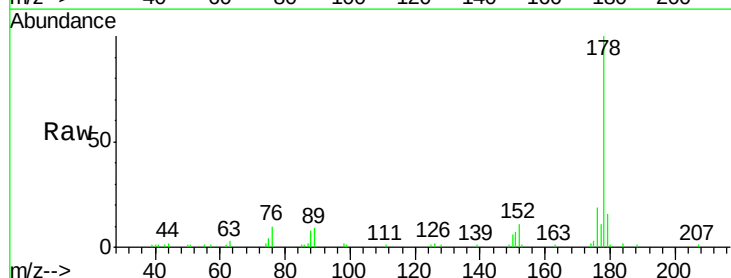
Tgt Ion:178 Resp: 85476

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

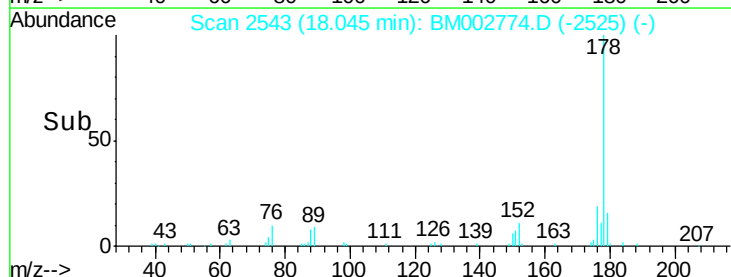
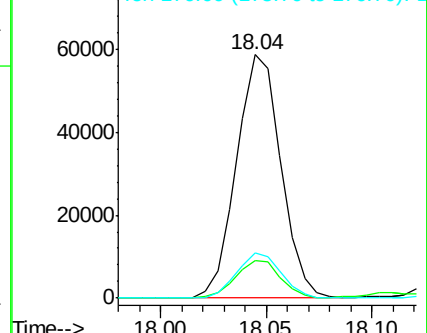
176 18.7 14.4 21.6

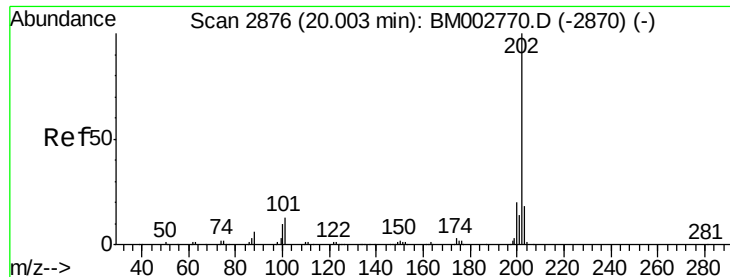


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

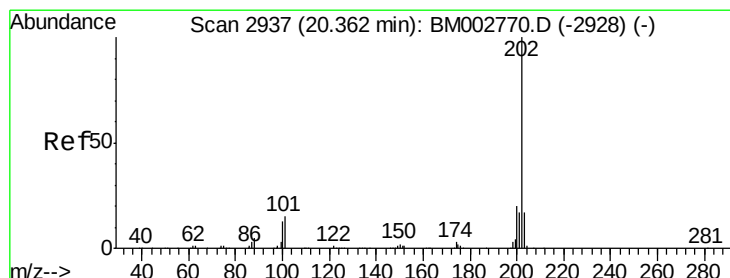
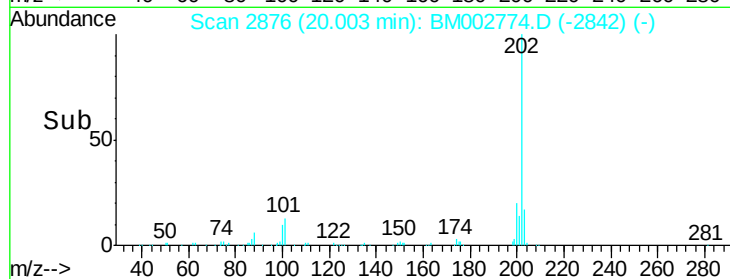
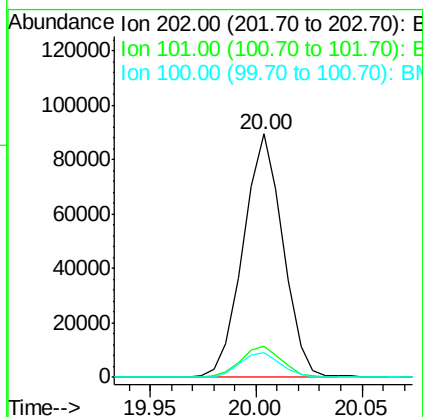
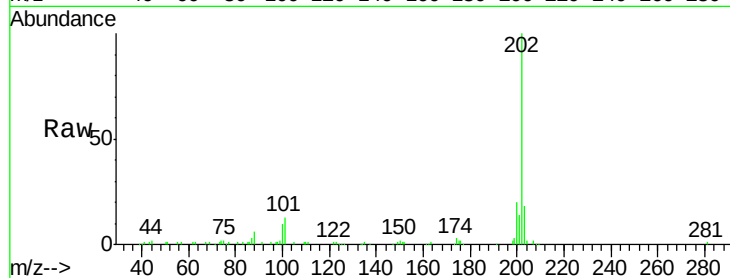




#77
Fluoranthene
 Concen: 4.71 ng/ul
 RT: 20.00 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BM002774.D
 Acq: 30 Sep 2015 08:23

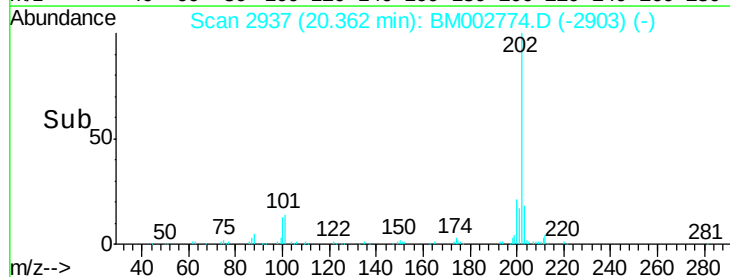
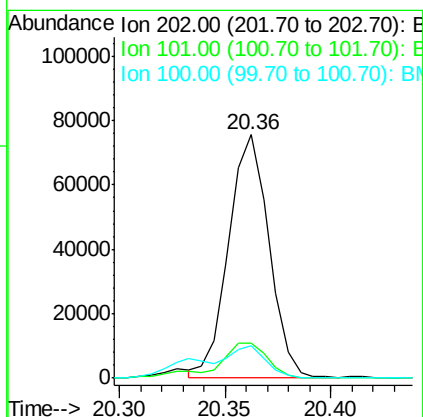
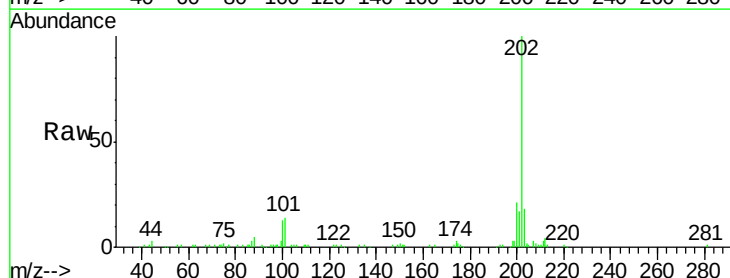
Instrument :
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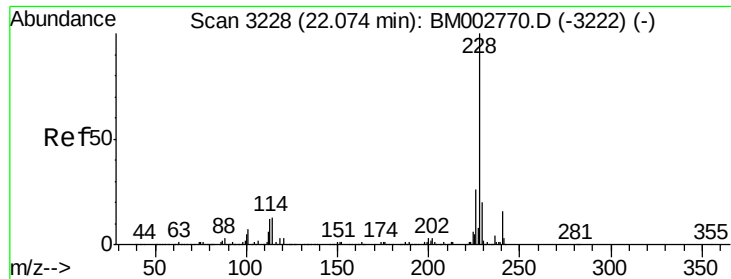
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	9.9	8.3	12.5



#80
Pyrene
 Concen: 3.62 ng/ul
 RT: 20.36 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: BM002774.D
 Acq: 30 Sep 2015 08:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.1	18.1
100	13.1	10.2	15.4

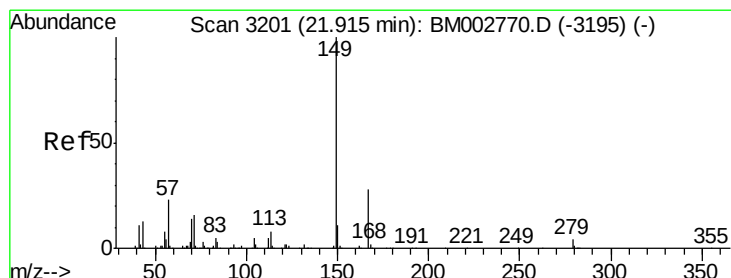
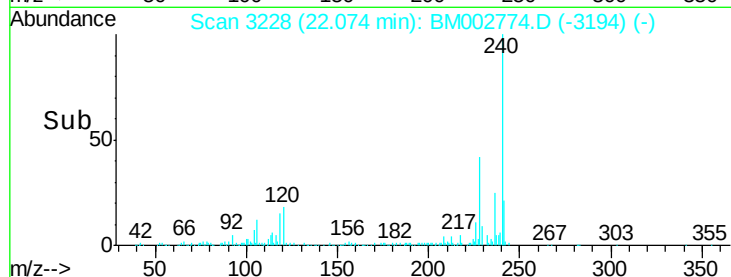
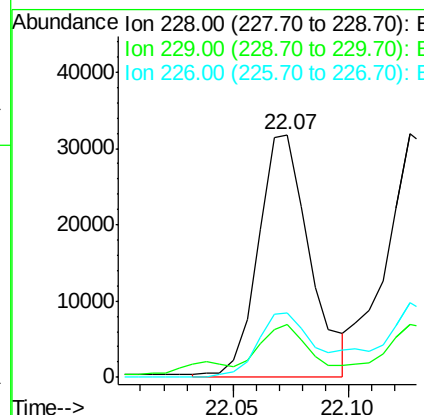
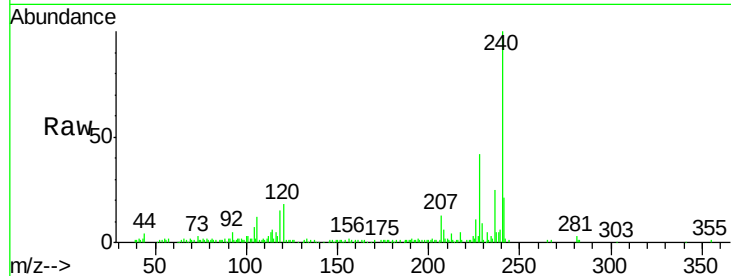




#83
Benzo(a)anthracene
Concen: 1.90 ng/ul
RT: 22.07 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BM002774.D
Acq: 30 Sep 2015 08:23

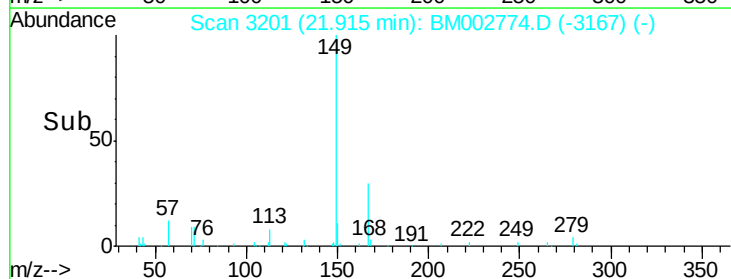
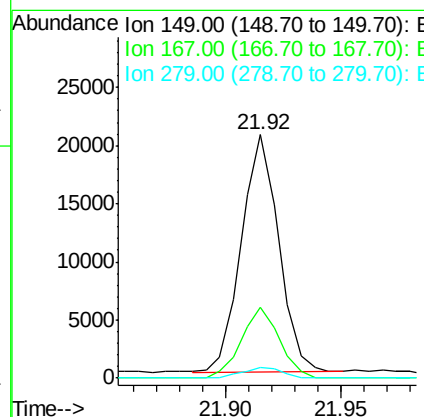
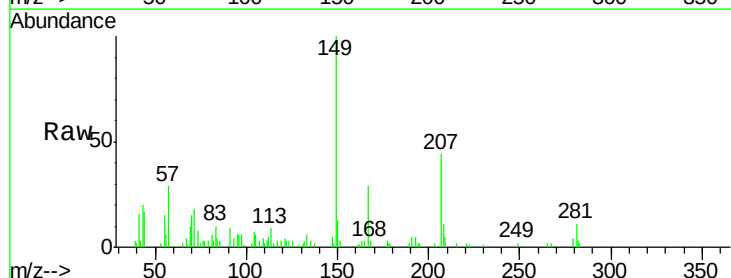
Instrument :
BNA_M
ClientSampleId :
E5MW7

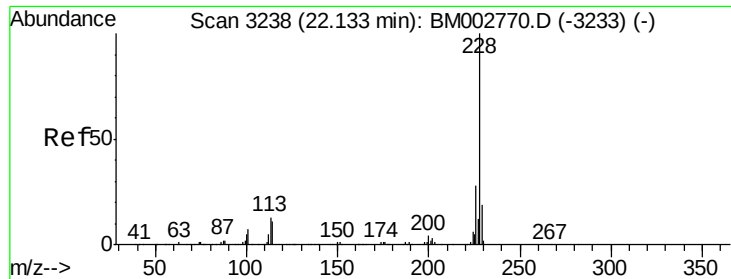
Tgt Ion: 228 Resp: 49285
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 26.7 20.9 31.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.23 ng/ul
RT: 21.92 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BM002774.D
Acq: 30 Sep 2015 08:23

Tgt Ion: 149 Resp: 23063
Ion Ratio Lower Upper
149 100
167 28.9 21.7 32.5
279 4.1 3.0 4.6





#85

Chrysene

Concen: 2.08 ng/ul

RT: 22.13 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Instrument :

BNA_M

ClientSampleId :

E5MW7

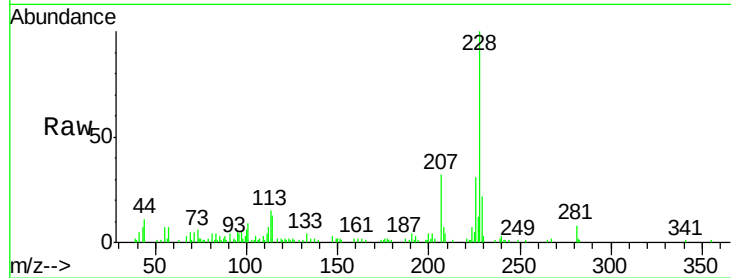
Tgt Ion:228 Resp: 50857

Ion Ratio Lower Upper

228 100

226 30.6 22.4 33.6

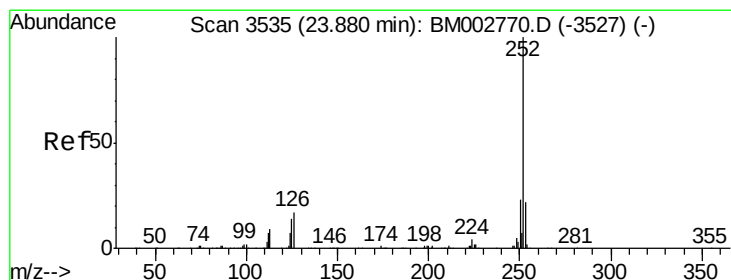
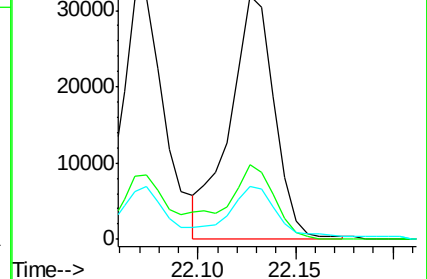
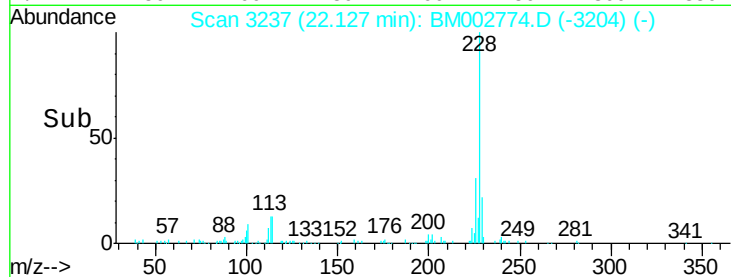
229 21.6 15.4 23.2



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: 2.41 ng/ul

RT: 23.88 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

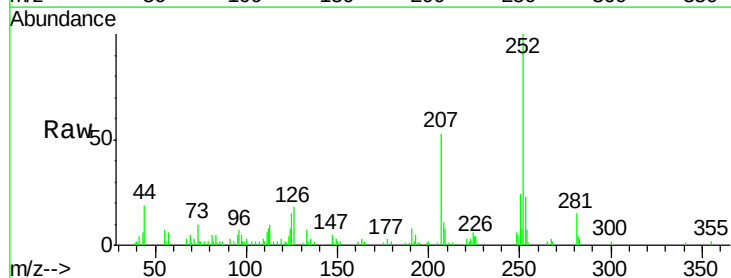
Tgt Ion:252 Resp: 63806

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

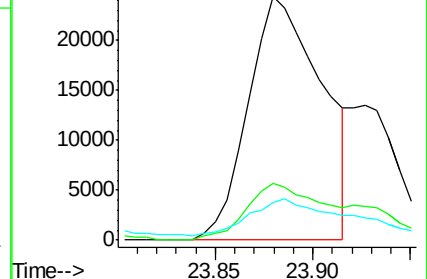
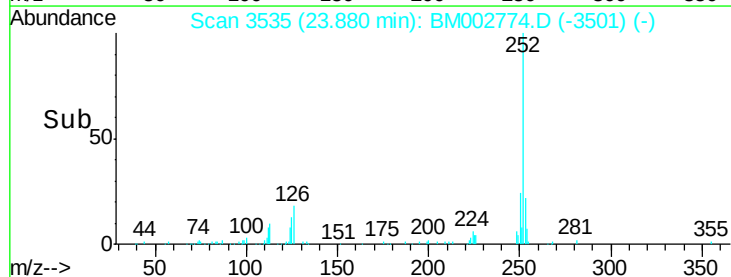
125 15.3 10.6 15.8

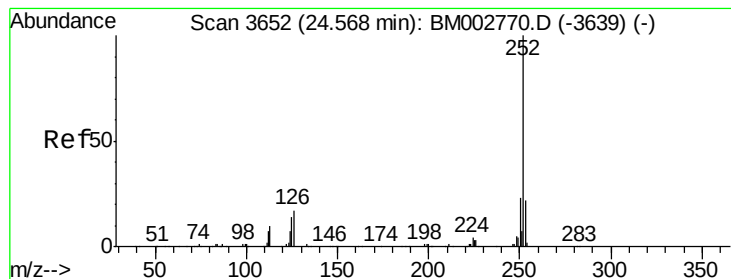


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.92 ng/ul

RT: 24.57 min Scan# 3652

Delta R.T. -0.00 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

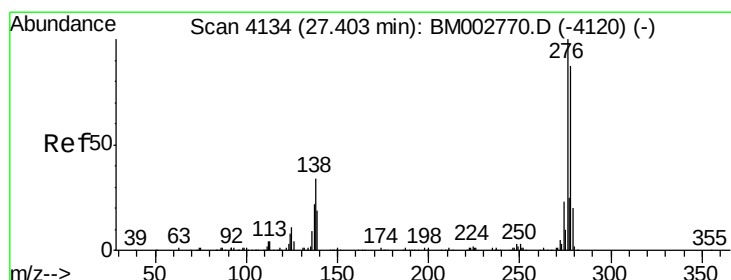
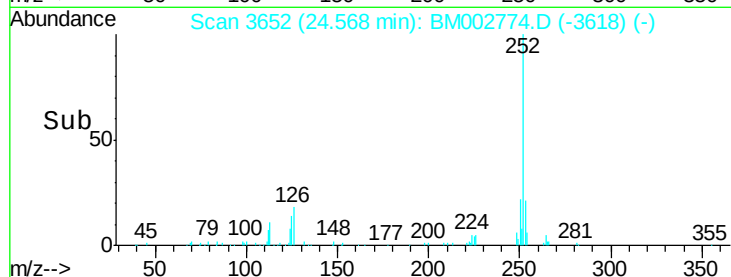
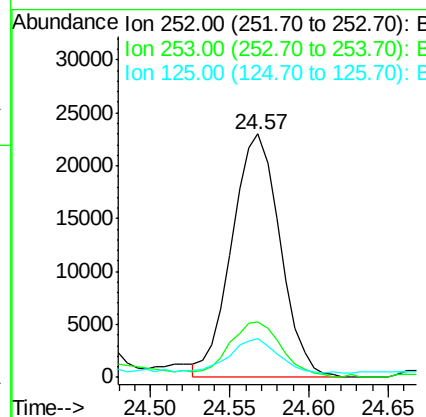
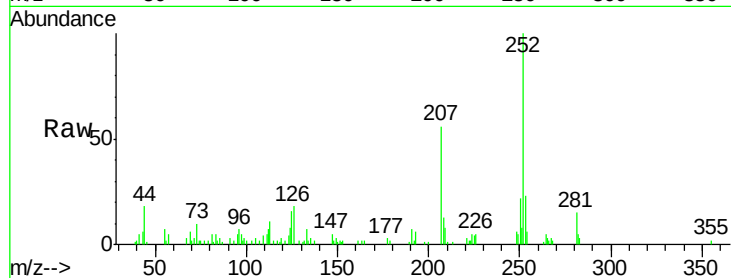
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	48747
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	15.9	11.4	17.2



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.08 ng/ul

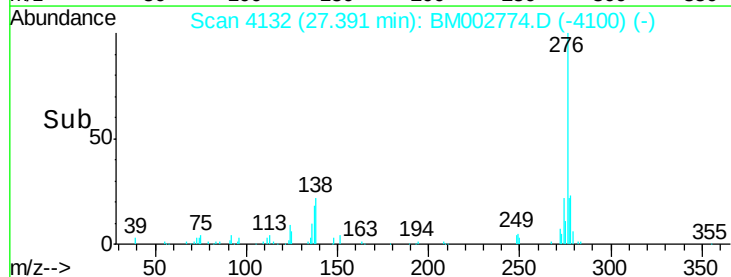
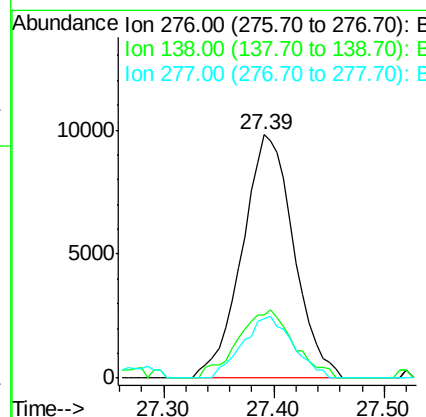
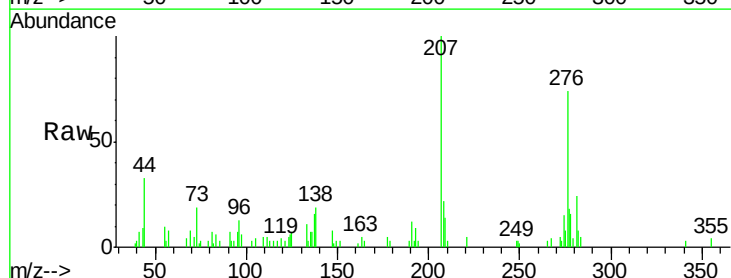
RT: 27.39 min Scan# 4132

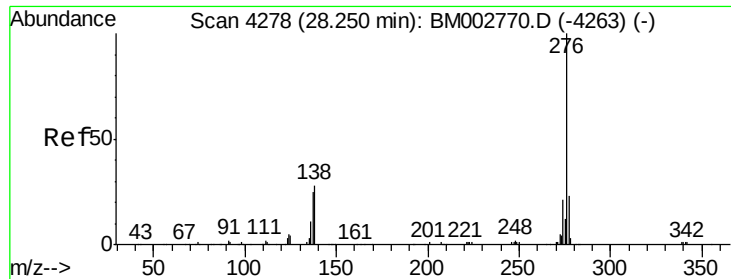
Delta R.T. -0.01 min

Lab File: BM002774.D

Acq: 30 Sep 2015 08:23

Tgt Ion:	276	Resp:	31971
Ion	Ratio	Lower	Upper
276	100		
138	25.9	27.7	41.5#
277	24.1	20.2	30.4





#94

Benzo(g,h,i)perylene

Concen: 1.21 ng/ul

RT: 28.24 min Scan# 4277

Delta R.T. -0.01 min

Lab File: BM002774.D

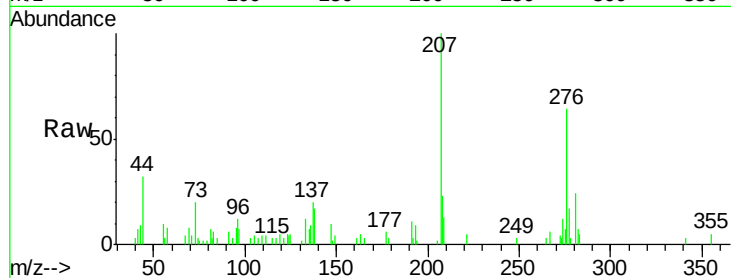
Acq: 30 Sep 2015 08:23

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Tgt Ion:	276	Resp:	30289
Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.8
277	25.9	18.9	28.3

