

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004036.D
 Acq On : 15 Jan 2016 06:05
 Operator : SJ/UM
 Sample : H1099-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9D9

Manual Integrations
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Quant Time: Jan 15 14:17:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	42179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	203075	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	118269	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	253995	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	205836	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	186454	20.00	ng/ul	0.00

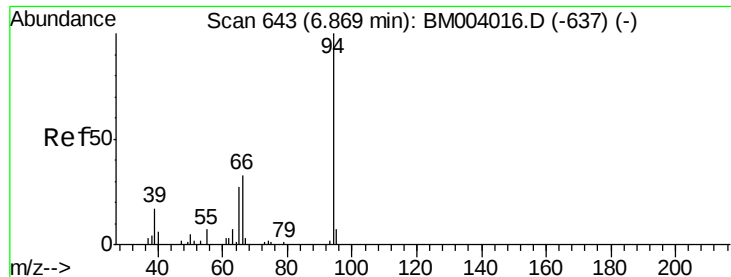
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3558	3.77	ng/uL	0.00
5) Phenol-d5	6.85	99	87131	24.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	51948	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	74874	26.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	41877	14.76	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	38587	25.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	43031	25.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	71044	23.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	71429	18.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	247904	26.70	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	304627	26.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	33963	20.37	ng/ul	0.00
58) Fluorene-d10	15.32	176	215332	27.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	23685	16.54	ng/ul	0.00
71) Anthracene-d10	17.17	188	313087	26.65	ng/ul	0.00
79) Pyrene-d10	19.47	212	319531	29.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	255315	27.42	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.87	94	4021	1.09	ng/ul	91
14) Acetophenone	8.49	105	9922	2.25	ng/ul	99
45) Dimethylphthalate	13.78	163	99479	10.51	ng/ul	100
70) Phenanthrene	17.12	178	119221	8.35	ng/ul	99
72) Anthracene	17.20	178	22510	1.54	ng/ul	100
77) Fluoranthene	19.14	202	226270	15.24	ng/ul	100
80) Pyrene	19.50	202	232716	16.66	ng/ul	98
83) Benzo(a)anthracene	21.26	228	92944	7.58	ng/ul	98
85) Chrysene	21.31	228	98733	8.48	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	99095	8.74	ng/ul	97
89) Benzo(k)fluoranthene	22.87	252	32791m	3.04	ng/ul	
91) Benzo(a)pyrene	23.41	252	74939	6.97	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	45937	3.86	ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	13698	1.37	ng/ul#	82
94) Benzo(g,h,i)perylene	26.44	276	36877	3.69	ng/ul	97

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



#6

Phenol

Concen: 1.09 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

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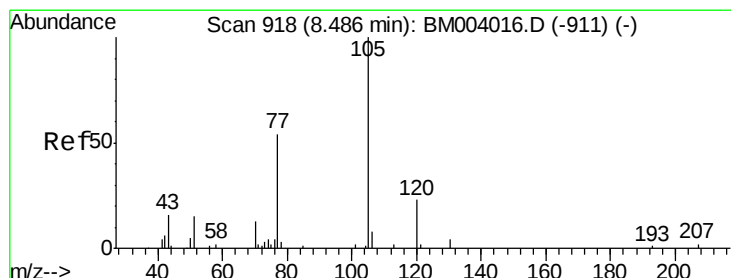
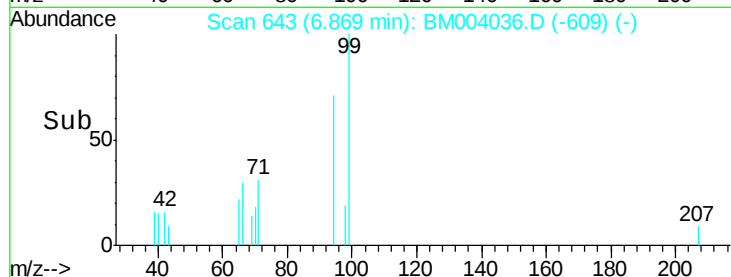
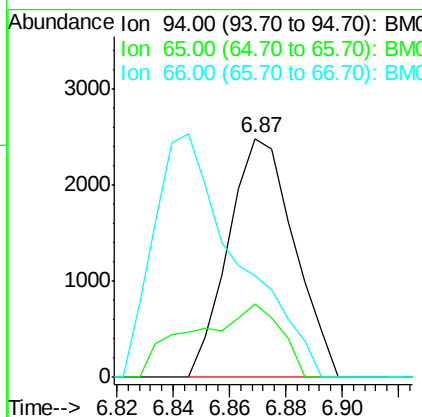
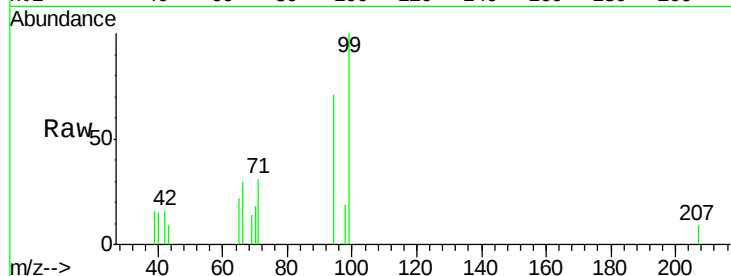
ClientSampleId :

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Tgt Ion:	94	Resp:	4021
Ion	Ratio	Lower	Upper
94	100		
65	30.6	21.0	31.6
66	42.3	29.3	43.9

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#14

Acetophenone

Concen: 2.25 ng/ul

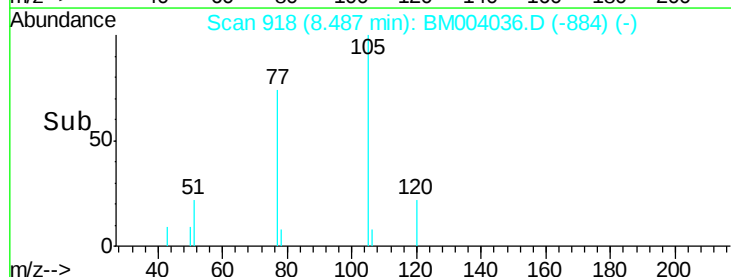
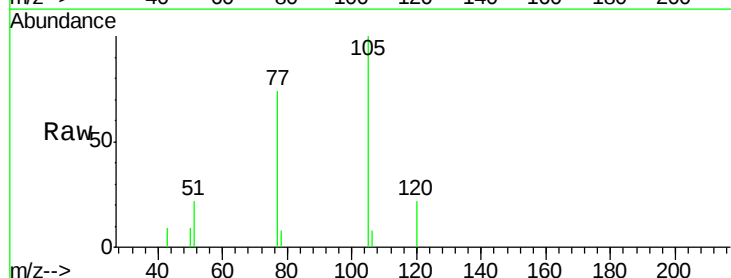
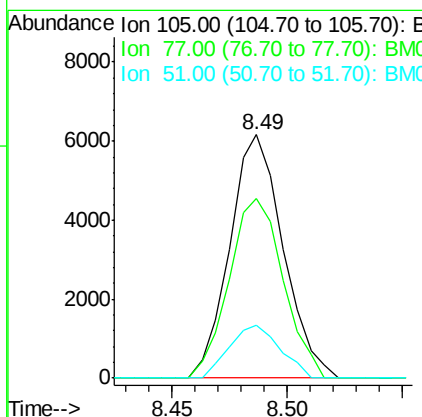
RT: 8.49 min Scan# 918

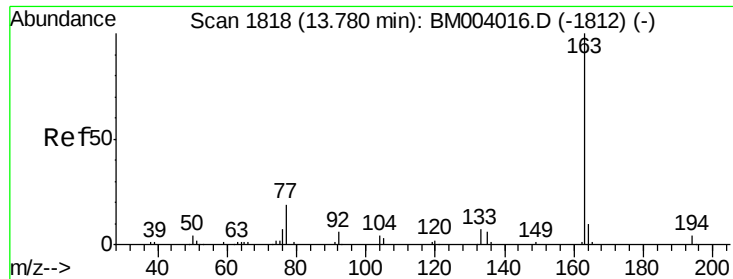
Delta R.T. 0.00 min

Lab File: BM004036.D

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Tgt Ion:	105	Resp:	9922
Ion	Ratio	Lower	Upper
105	100		
77	73.6	59.0	88.4
51	21.8	16.4	24.6





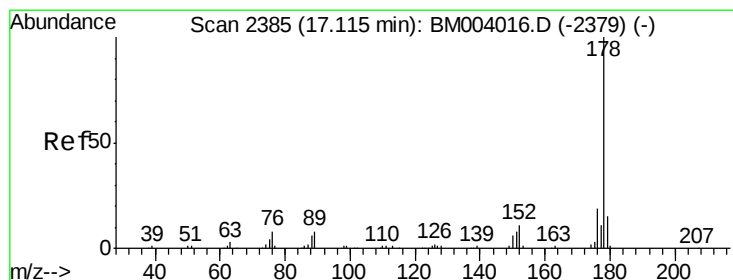
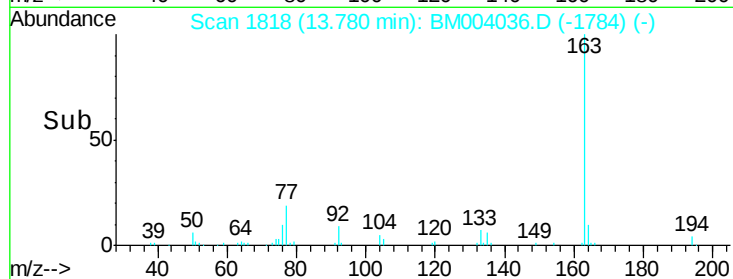
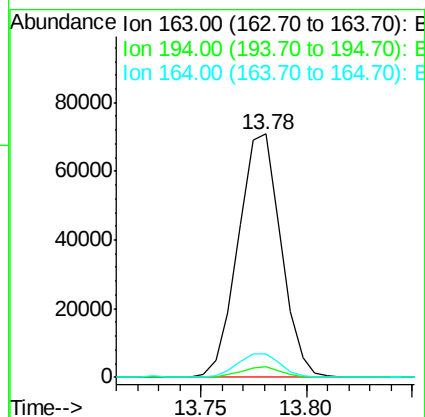
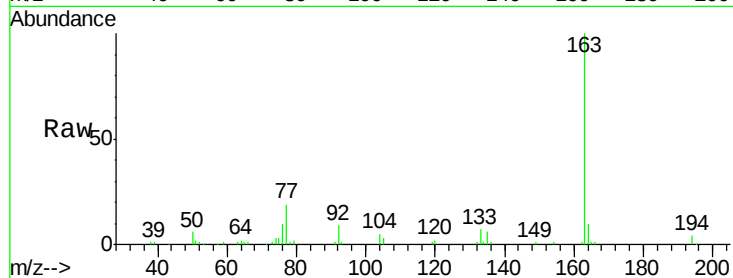
#45
Dimethylphthalate
Concen: 10.51 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004036.D
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	99479		
194	4.1		3.2	4.8
164	9.8		7.8	11.8

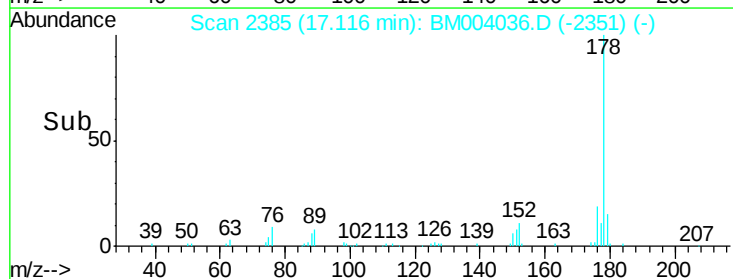
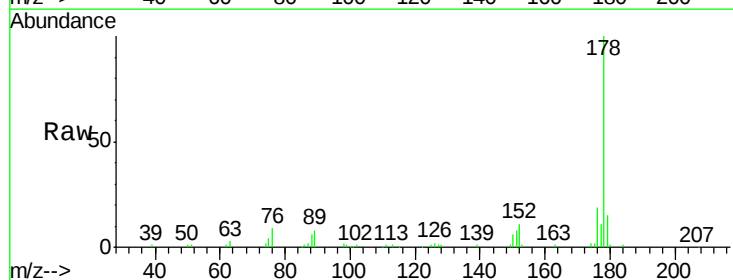
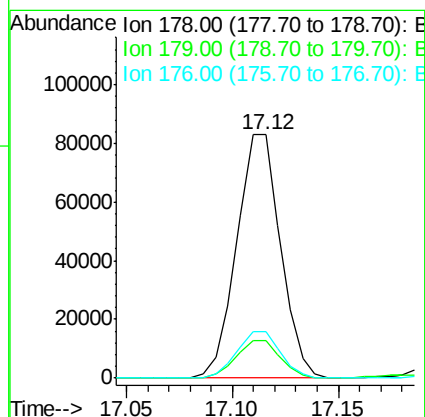
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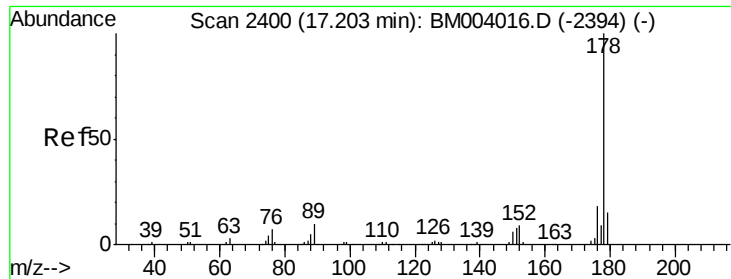
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#70
Phenanthrene
Concen: 8.35 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM004036.D
Acq: 15 Jan 2016 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	119221		
179	15.3		12.2	18.4
176	19.0		15.6	23.4





#72

Anthracene

Concen: 1.54 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004036.D

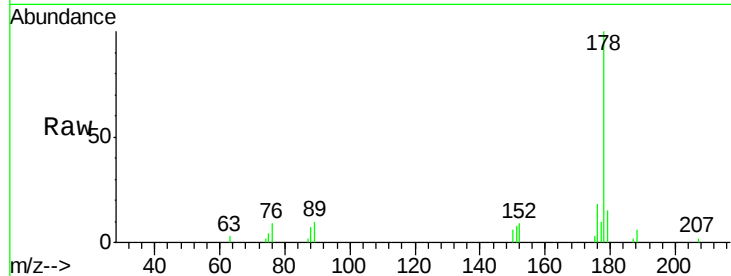
Acq: 15 Jan 2016 06:05

Instrument :

BNA_M

ClientSampleId :

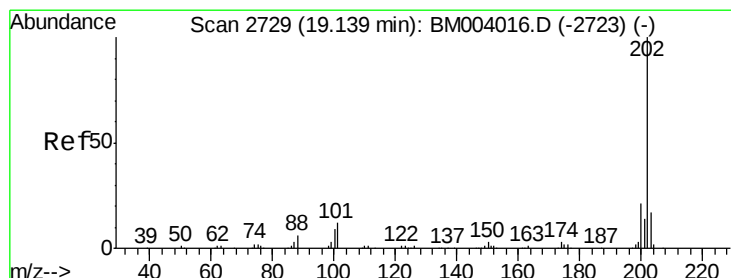
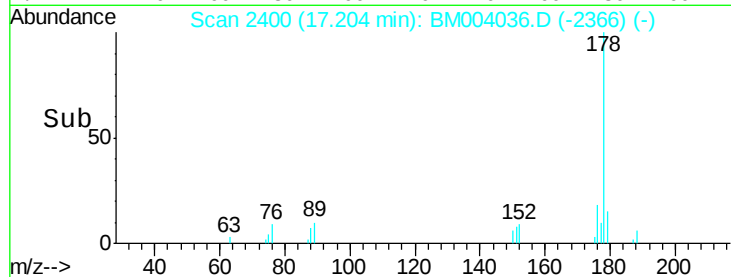
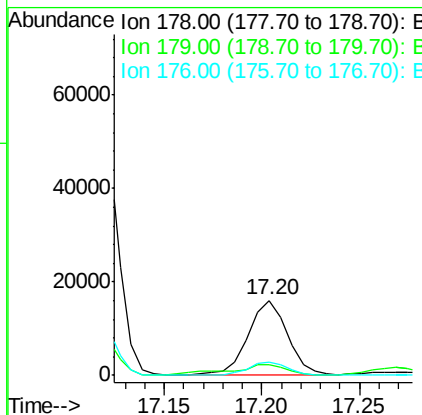
BC9D9



Tgt Ion:	178	Resp:	22510
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.1	18.1
176	18.5	14.8	22.2

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#77

Fluoranthene

Concen: 15.24 ng/ul

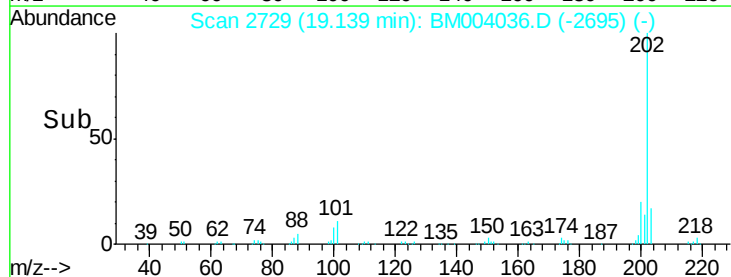
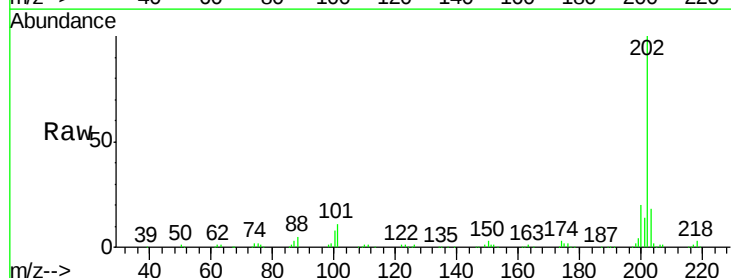
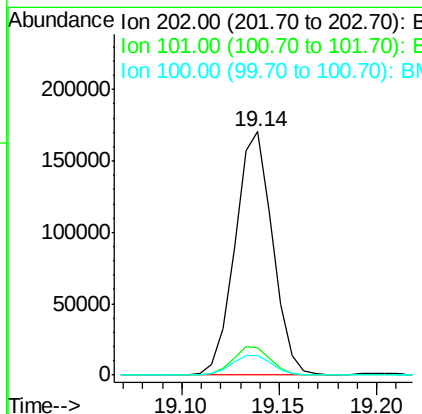
RT: 19.14 min Scan# 2729

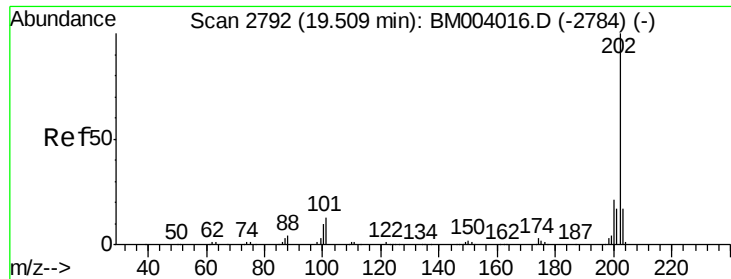
Delta R.T. 0.00 min

Lab File: BM004036.D

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Tgt Ion:	202	Resp:	226270
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.8	13.2
100	8.2	6.6	9.8





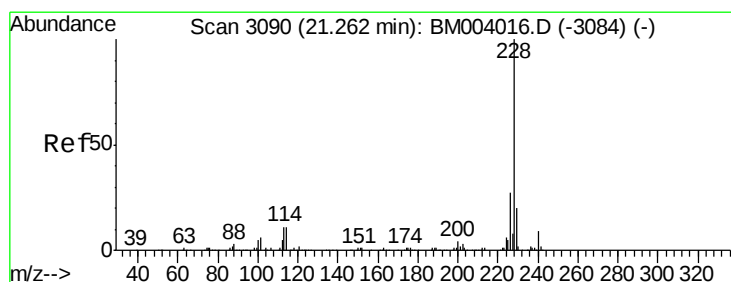
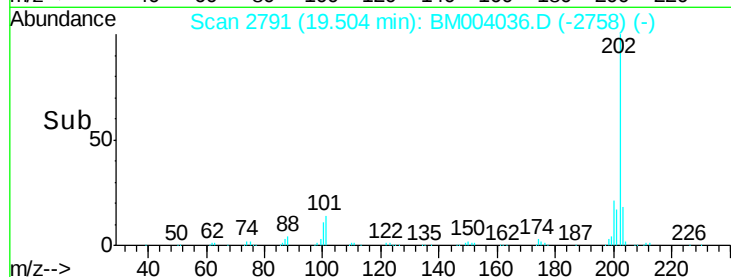
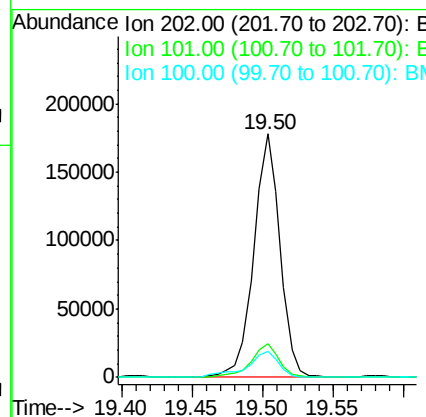
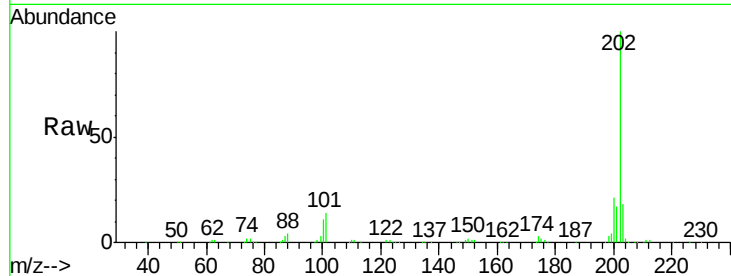
#80
 Pyrene
 Concen: 16.66 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004036.D
 Acq: 15 Jan 2016 06:05

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	232716		
101	13.7	10.2	15.2	
100	10.7	8.5	12.7	

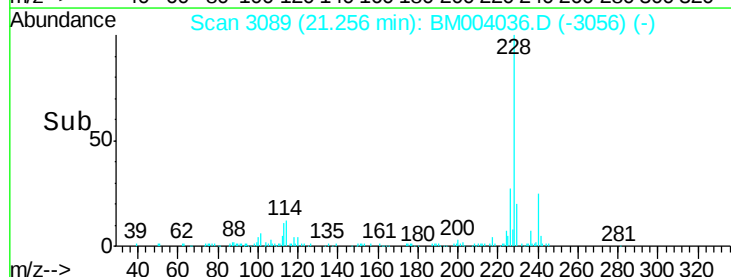
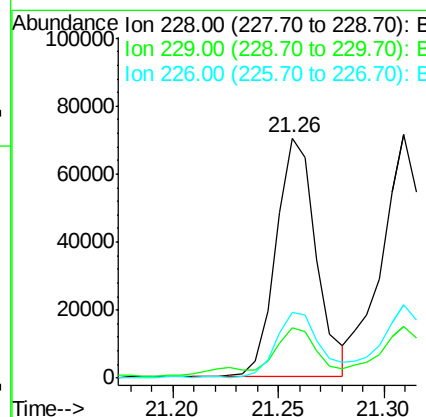
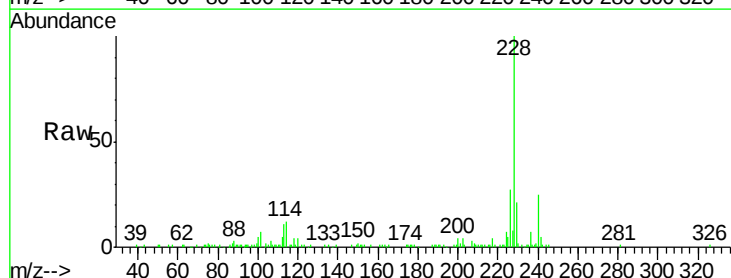
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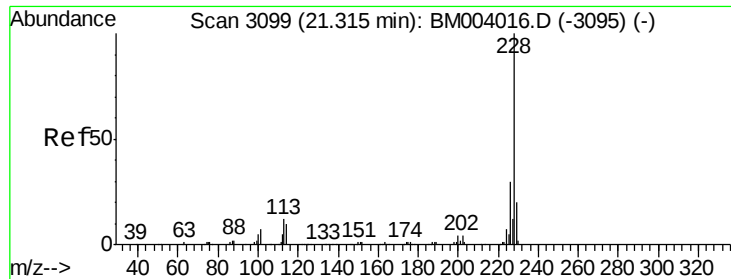
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#83
 Benzo(a)anthracene
 Concen: 7.58 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004036.D
 Acq: 15 Jan 2016 06:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	92944		
229	21.1	15.7	23.5	
226	27.5	21.8	32.6	





#85

Chrysene

Concen: 8.48 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM004036.D

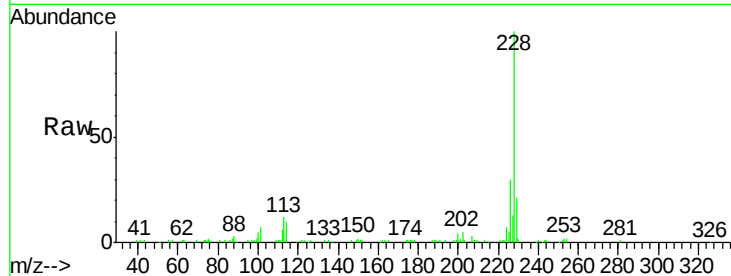
Acq: 15 Jan 2016 06:05

Instrument :

BNA_M

ClientSampleId :

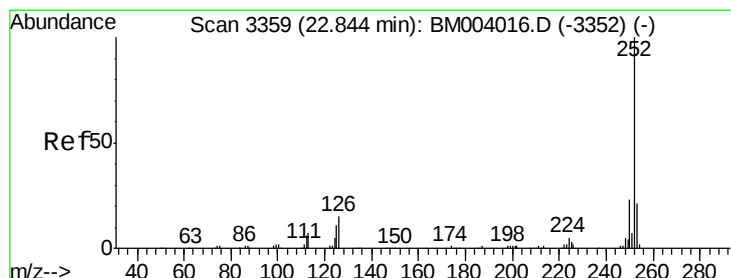
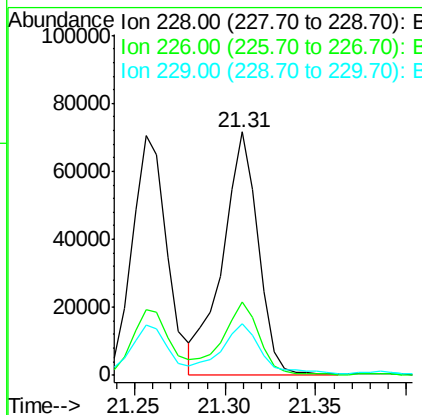
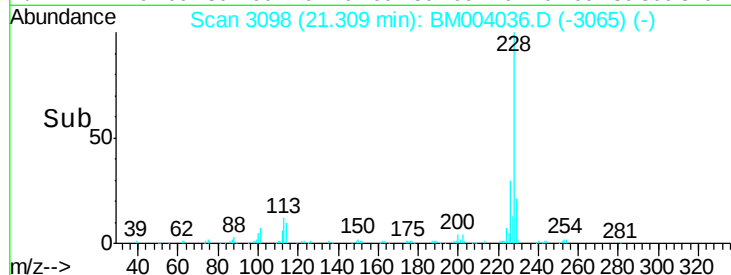
BC9D9



Tgt Ion:	228	Resp:	98733
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	21.3	15.6	23.4

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#88

Benzo(b)fluoranthene

Concen: 8.74 ng/ul

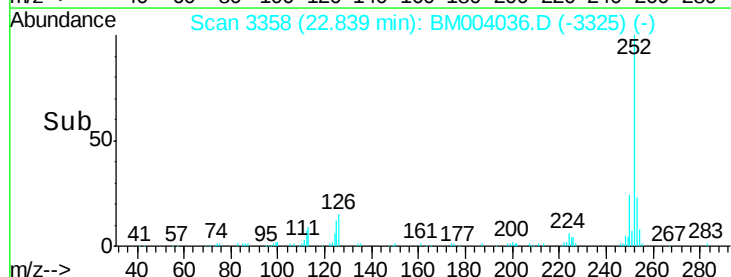
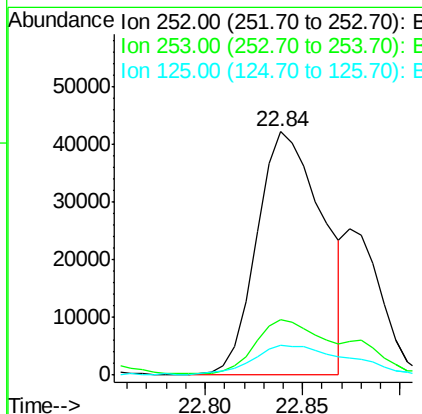
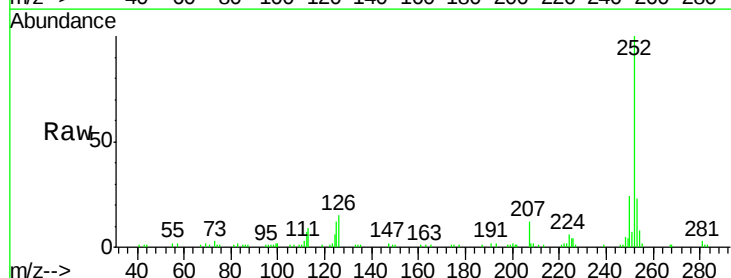
RT: 22.84 min Scan# 3358

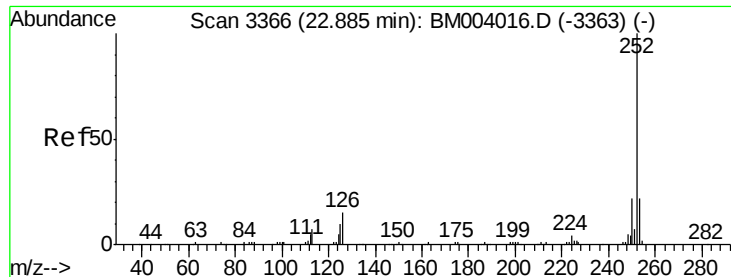
Delta R.T. -0.01 min

Lab File: BM004036.D

Acq: 15 Jan 2016 06:05

Tgt Ion:	252	Resp:	99095
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.5	26.3
125	12.2	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 3.04 ng/ul m

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM004036.D

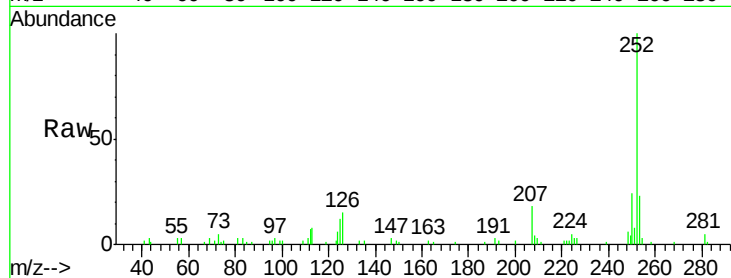
Acq: 15 Jan 2016 06:05

Instrument :

BNA_M

ClientSampled :

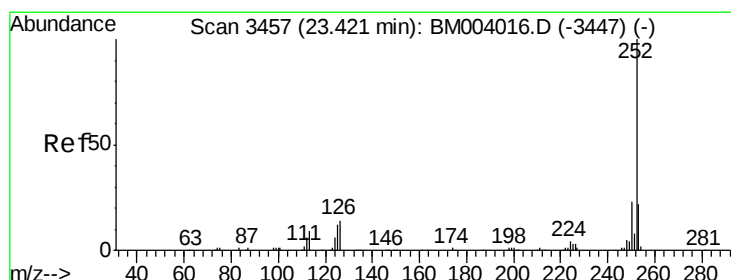
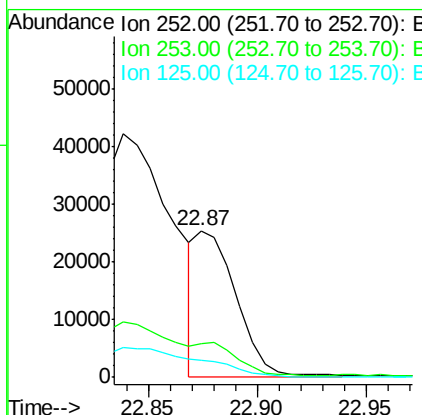
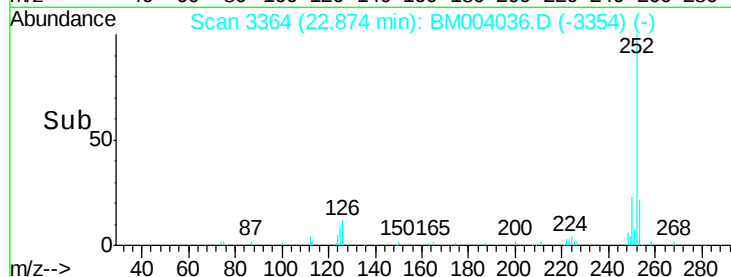
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	11.7	8.2	12.2

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#91

Benzo(a)pyrene

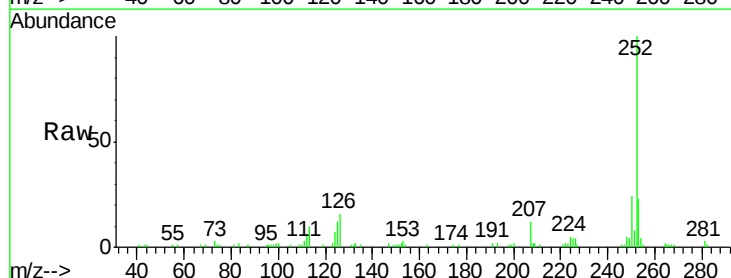
Concen: 6.97 ng/ul

RT: 23.41 min Scan# 3455

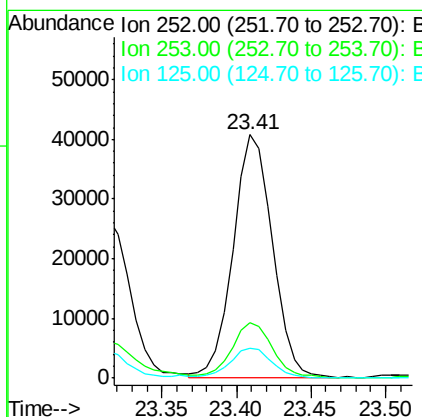
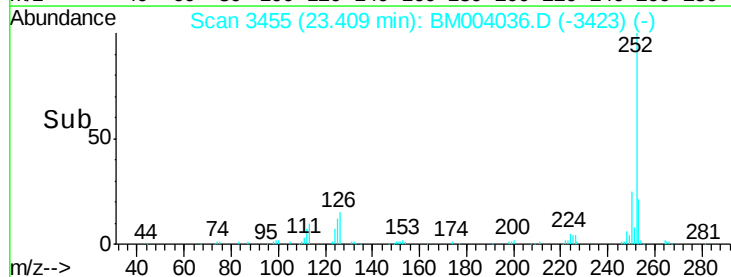
Delta R.T. -0.01 min

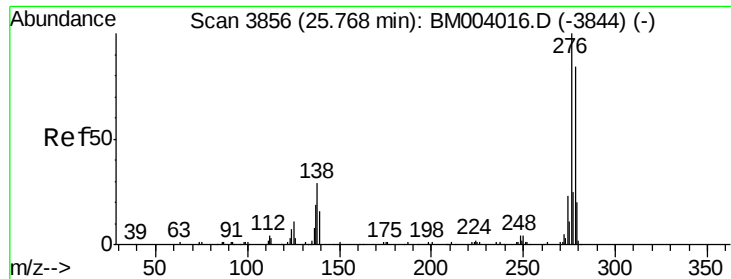
Lab File: BM004036.D

Acq: 15 Jan 2016 06:05



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.3	9.0	13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.86 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004036.D

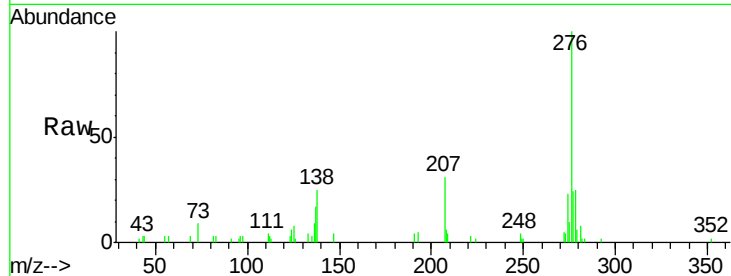
Acq: 15 Jan 2016 06:05

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BNA_M

ClientSampleId :

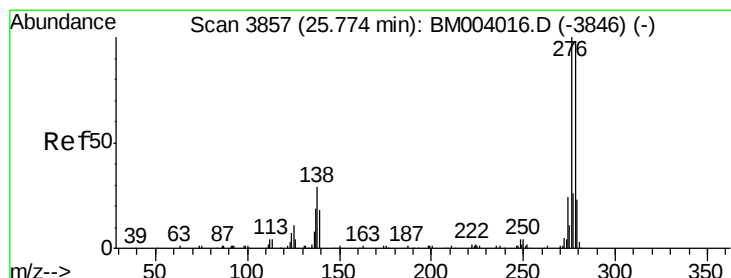
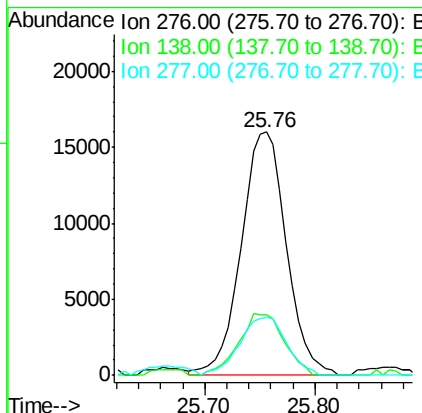
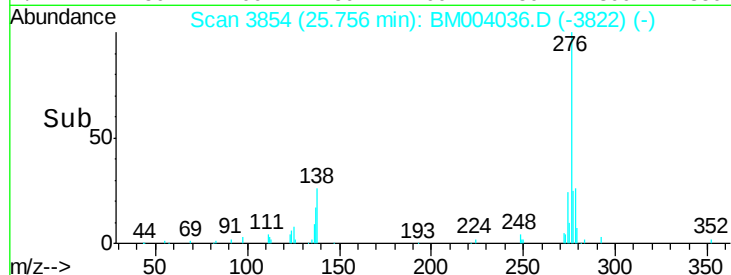
BC9D9



Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.3	33.5
277	24.0	20.2	30.2

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#93

Dibenzo(a,h)anthracene

Concen: 1.37 ng/ul

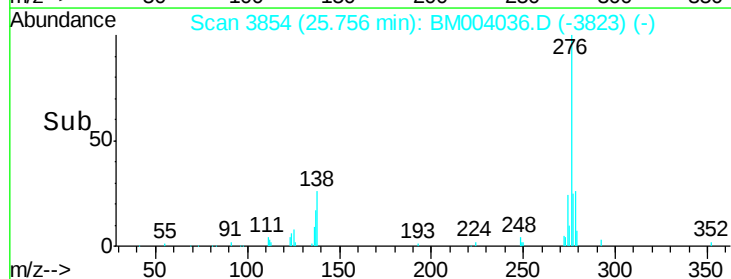
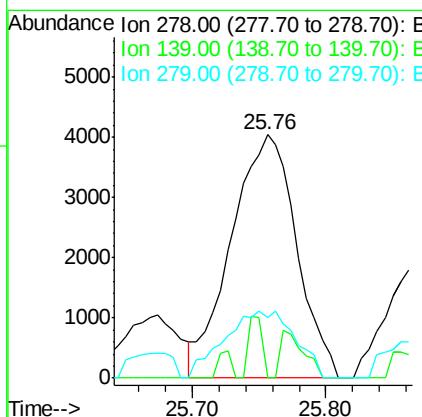
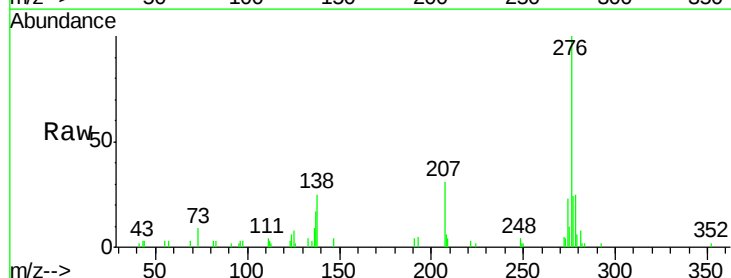
RT: 25.76 min Scan# 3854

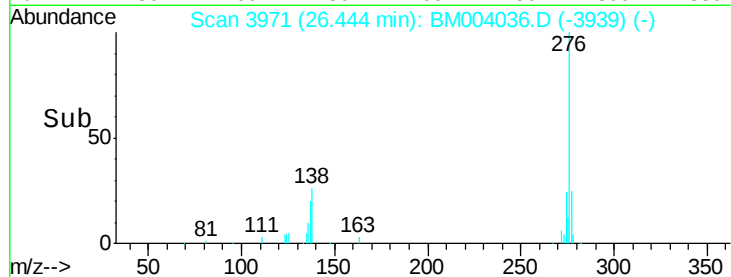
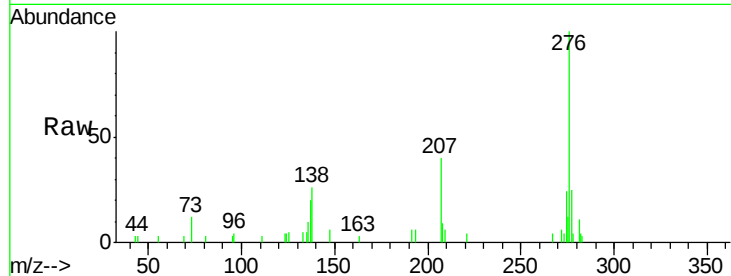
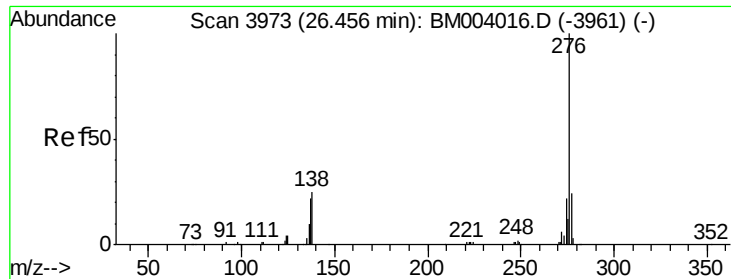
Delta R.T. -0.02 min

Lab File: BM004036.D

Acq: 15 Jan 2016 06:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.1	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 3.69 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM004036.D

Acq: 15 Jan 2016 06:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	18.9	28.3
277	24.8	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

BC9D9

Manual Integrations
APPROVED

mohammad
1/15/2016 3:03:41 PM

