

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
 Data File : BM002389.D
 Acq On : 13 Aug 2015 08:15
 Operator : UM/IZ
 Sample : G3194-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9D90

Manual Integrations
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 8/14/2015 3:04:57 PM

Quant Time: Aug 14 01:59:44 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 05:08:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	152636	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	689275	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.49	164	345518	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	629416	20.00	ng/ul	0.00
17) Chrysene-d12	22.28	240	439735	20.00	ng/ul	0.00
22) Perylene-d12	24.98	264	419550	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	564399	15.77	ng/ul	0.00
10) Fluorene-d10	16.46	176	370770	14.89	ng/ul	0.00
14) Anthracene-d10	18.29	188	476395	15.60	ng/ul	0.00
18) Pyrene-d10	20.51	212	377224	17.69	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.80	264	269618	12.10	ng/ul	0.00
Target Compounds						
8) Acenaphthylene	15.22	152	57641	1.55	ng/ul	99
13) Phenanthrene	18.24	178	586469	16.19	ng/ul	99
15) Anthracene	18.33	178	135473	3.62	ng/ul	99
16) Fluoranthene	20.18	202	884018	22.04	ng/ul	99
19) Pyrene	20.54	202	654061	23.01	ng/ul	95
20) Benzo(a)anthracene	22.26	228	340321	12.68	ng/ul	97
21) Chrysene	22.32	228	324970m	12.77	ng/ul	
23) Benzo(b)fluoranthene	24.14	252	420701	16.13	ng/ul	99
24) Benzo(k)fluoranthene	24.20	252	148174m	5.92	ng/ul	
26) Benzo(a)pyrene	24.86	252	286163	11.47	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.83	276	210987	7.38	ng/ul	95
28) Dibenzo(a,h)anthracene	27.82	278	56628	2.34	ng/ul#	67
29) Benzo(g,h,i)perylene	28.71	276	202045	8.37	ng/ul	98

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

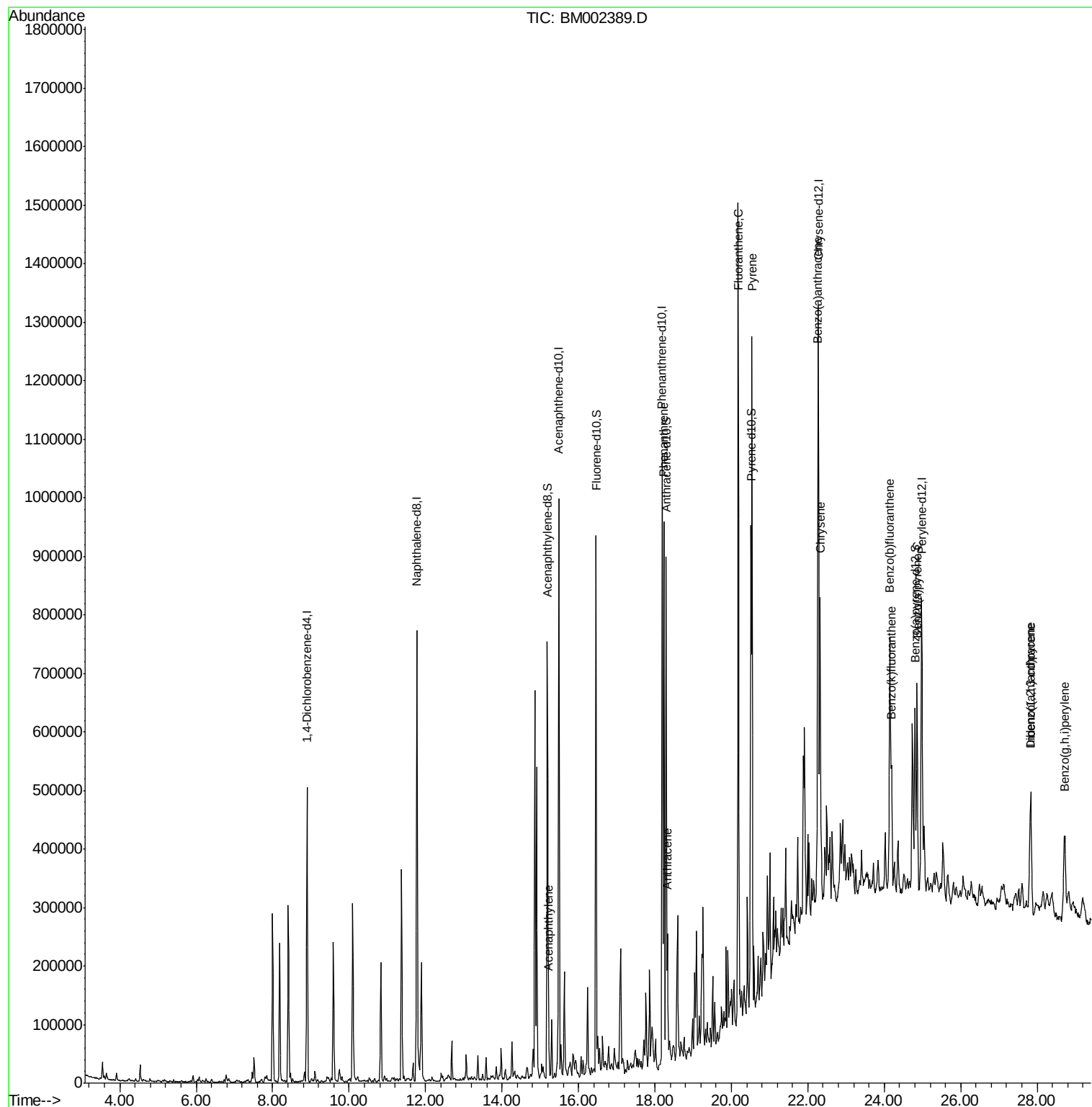
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081315\
Data File : BM002389.D
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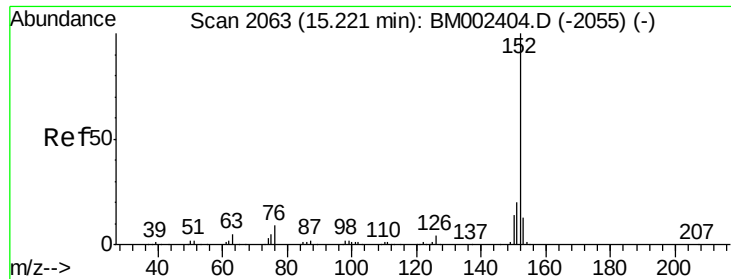
Instrument :
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Quant Time: Aug 14 01:59:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.55 ng/ul

RT: 15.22 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BM002389.D

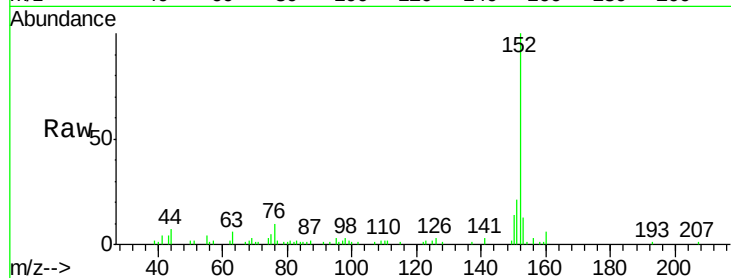
Acq: 13 Aug 2015 08:15

Instrument :

BNA_M

ClientSampleId :

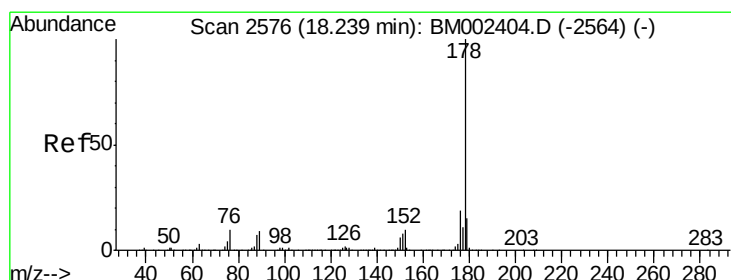
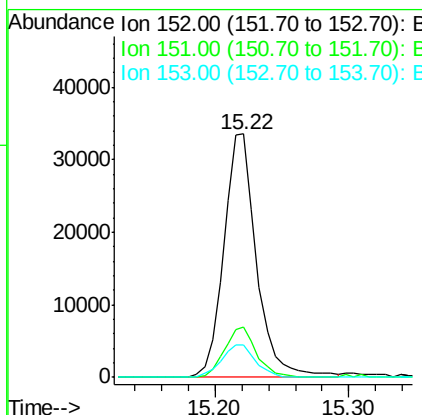
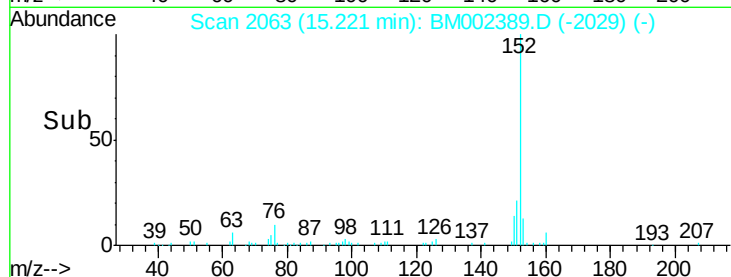
D9D90



Tgt Ion:	152	Resp:	57641
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.9	23.9
153	13.2	10.6	15.8

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#13

Phenanthrene

Concen: 16.19 ng/ul

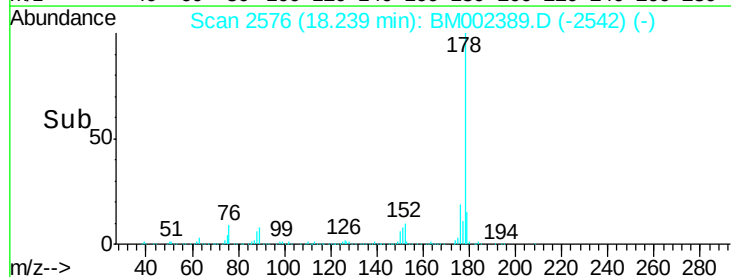
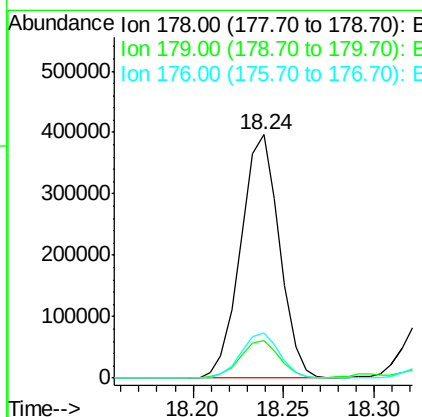
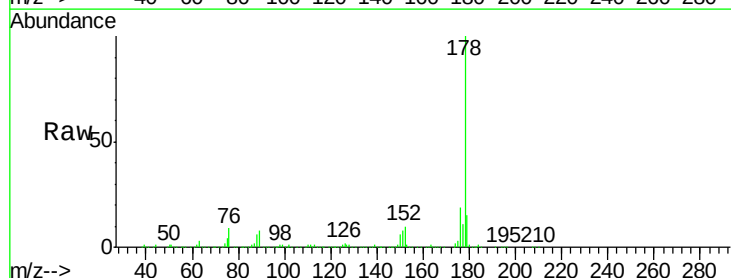
RT: 18.24 min Scan# 2576

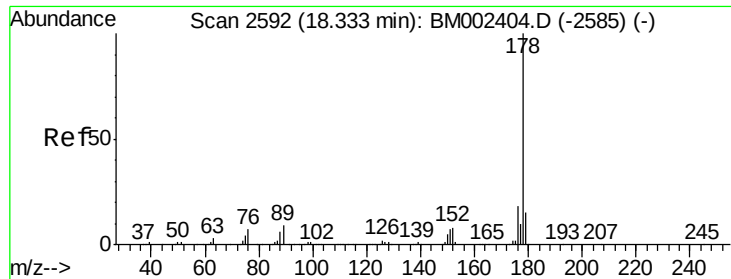
Delta R.T. -0.00 min

Lab File: BM002389.D

Acq: 13 Aug 2015 08:15

Tgt Ion:	178	Resp:	586469
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	18.5	15.3	22.9





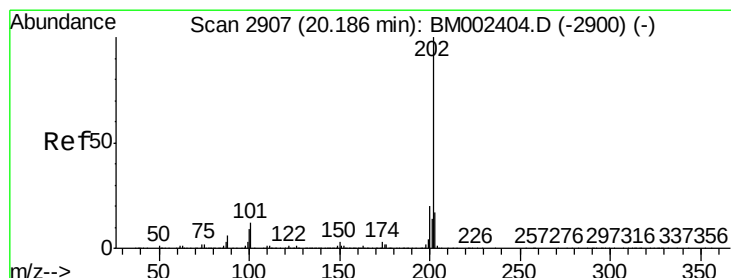
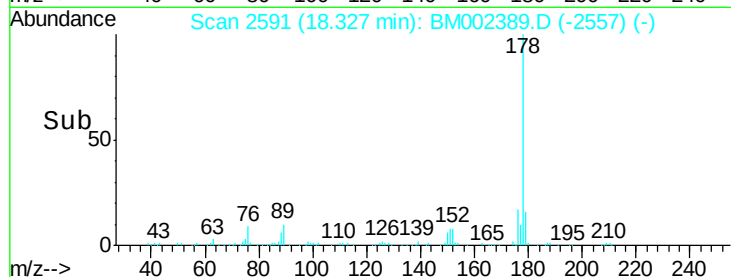
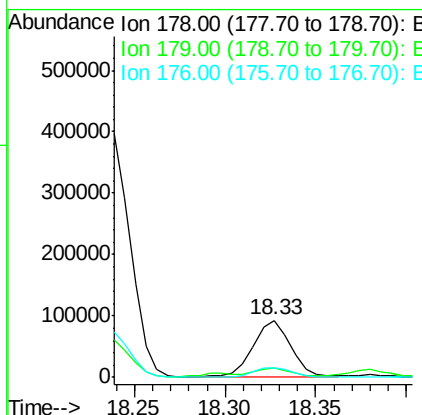
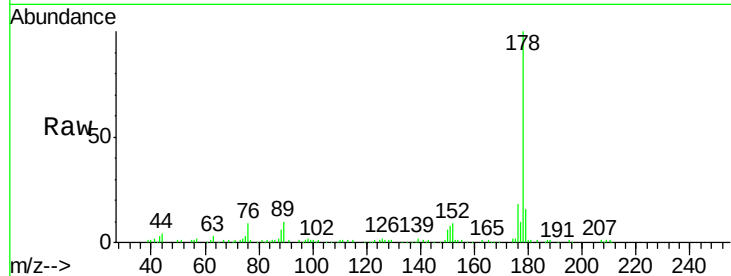
#15
 Anthracene
 Concen: 3.62 ng/ul
 RT: 18.33 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BM002389.D
 Acq: 13 Aug 2015 08:15

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	17.5	14.5	21.7

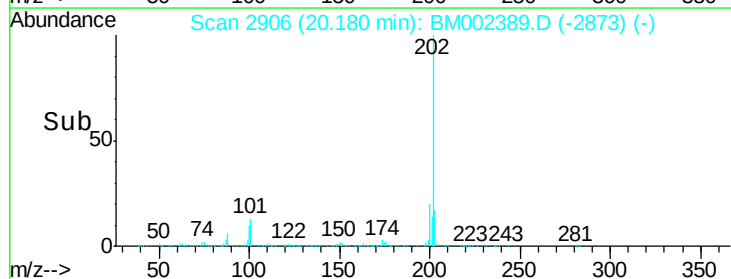
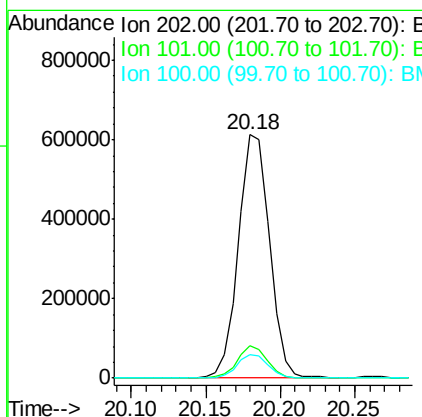
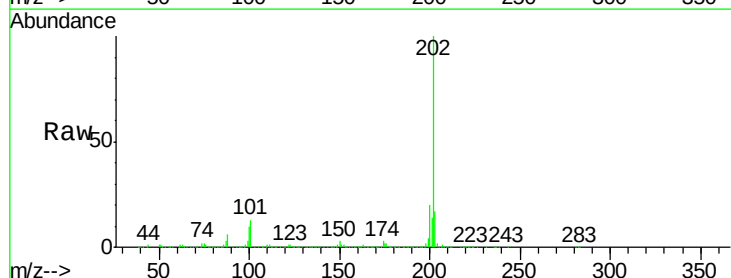
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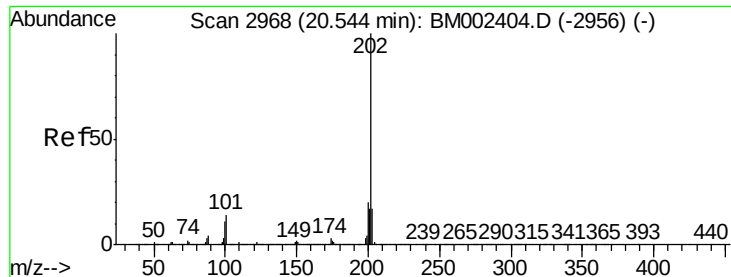
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#16
 Fluoranthene
 Concen: 22.04 ng/ul
 RT: 20.18 min Scan# 2906
 Delta R.T. -0.01 min
 Lab File: BM002389.D
 Acq: 13 Aug 2015 08:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	9.9	8.2	12.4





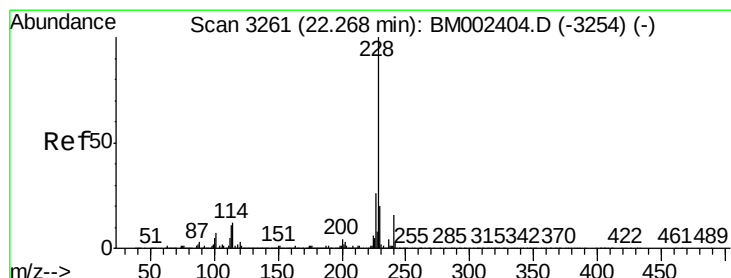
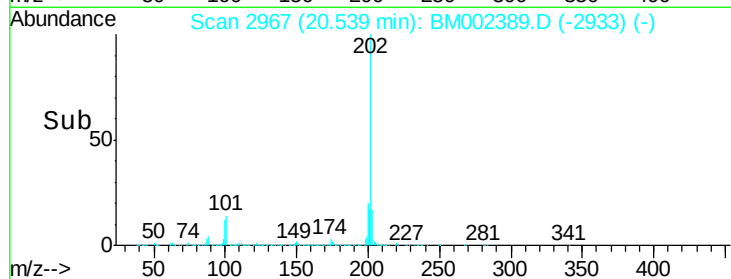
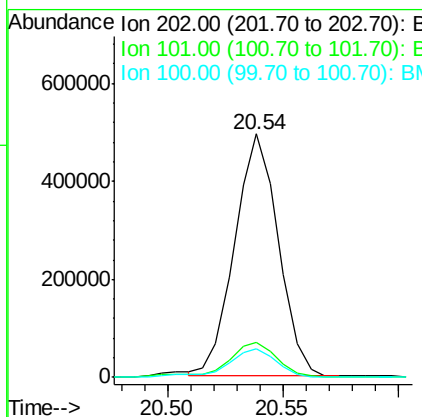
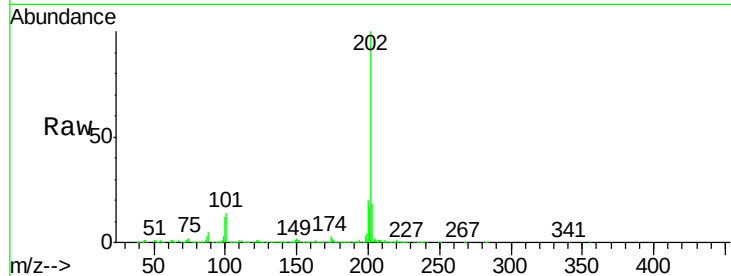
#19
 Pyrene
 Concen: 23.01 ng/ul
 RT: 20.54 min Scan# 2967
 Delta R.T. -0.00 min
 Lab File: BM002389.D
 Acq: 13 Aug 2015 08:15

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	654061		
101	14.3	13.0	19.6	
100	11.6	11.0	16.4	

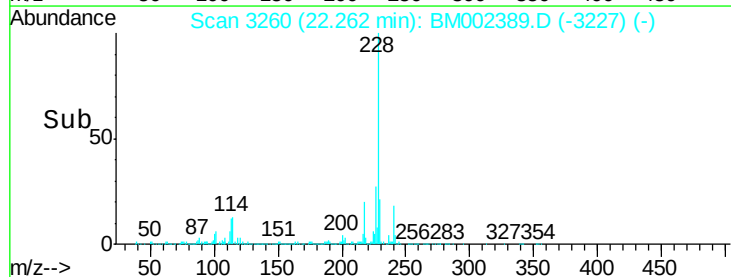
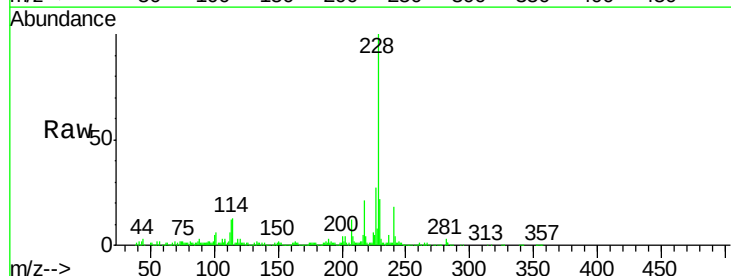
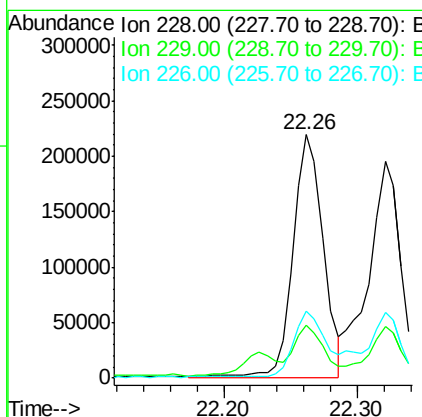
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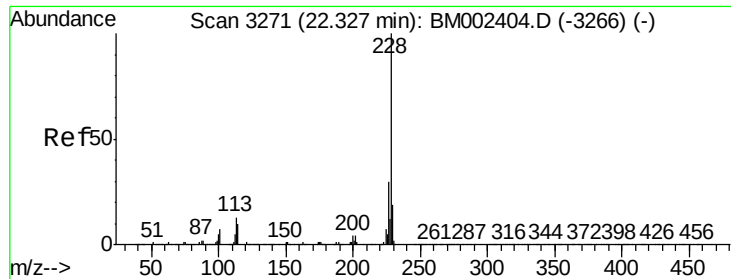
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#20
 Benzo(a)anthracene
 Concen: 12.68 ng/ul
 RT: 22.26 min Scan# 3260
 Delta R.T. -0.01 min
 Lab File: BM002389.D
 Acq: 13 Aug 2015 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	340321		
229	21.5	15.7	23.5	
226	27.4	21.4	32.0	





#21

Chrysene

Concen: 12.77 ng/ul m

RT: 22.32 min Scan# 3270

Delta R.T. -0.01 min

Lab File: BM002389.D

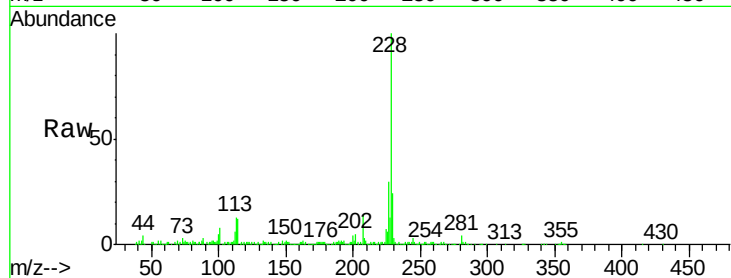
Acq: 13 Aug 2015 08:15

Instrument :

BNA_M

ClientSampleId :

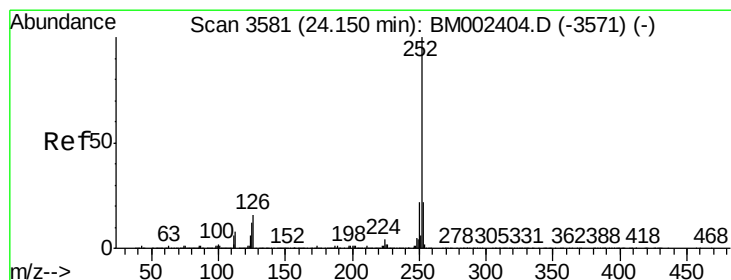
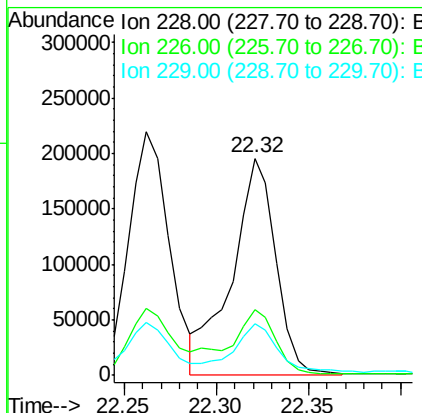
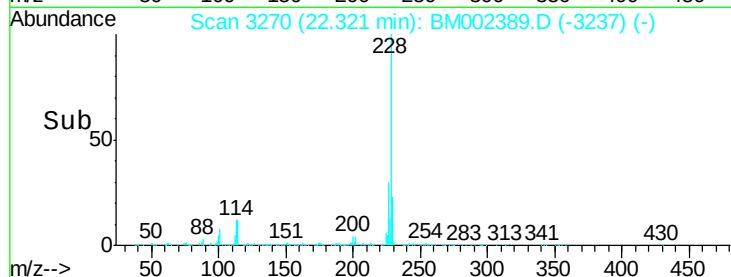
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	324970		
226	30.2	23.4	35.0	
229	23.8	15.5	23.3	

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#23

Benzo(b)fluoranthene

Concen: 16.13 ng/ul

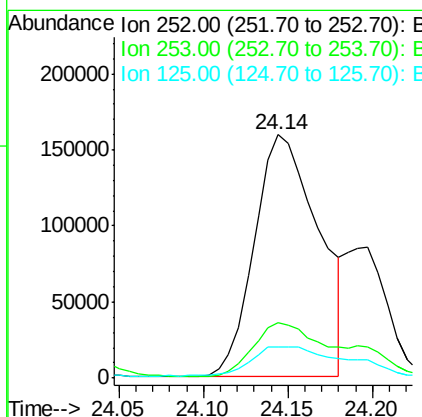
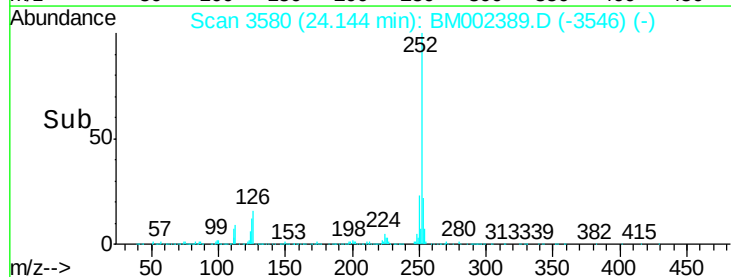
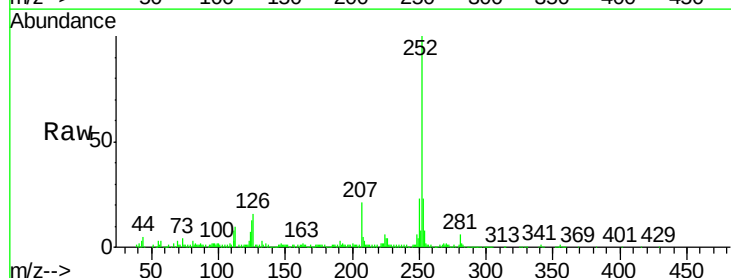
RT: 24.14 min Scan# 3580

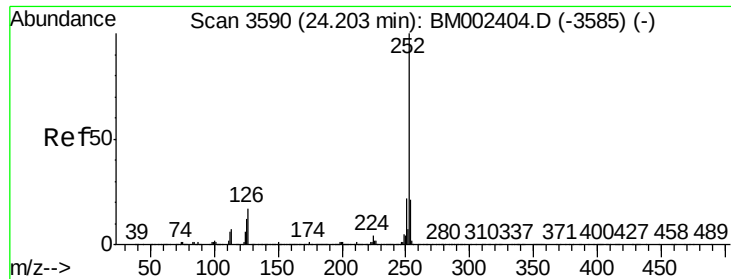
Delta R.T. -0.00 min

Lab File: BM002389.D

Acq: 13 Aug 2015 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	420701		
253	22.9	17.9	26.9	
125	12.8	10.3	15.5	





#24

Benzo(k)fluoranthene

Concen: 5.92 ng/ul m

RT: 24.20 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BM002389.D

Acq: 13 Aug 2015 08:15

Instrument :

BNA_M

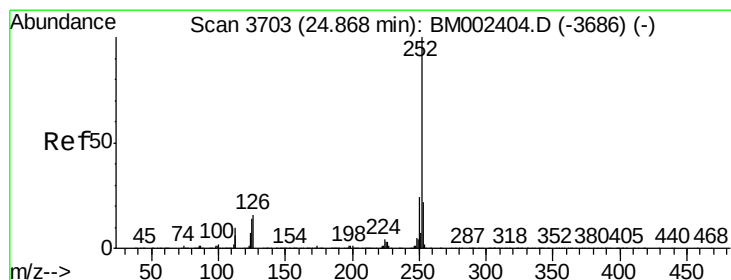
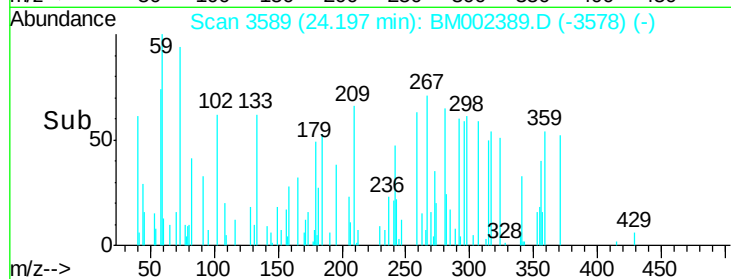
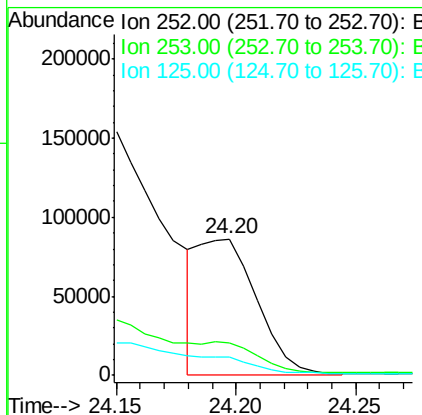
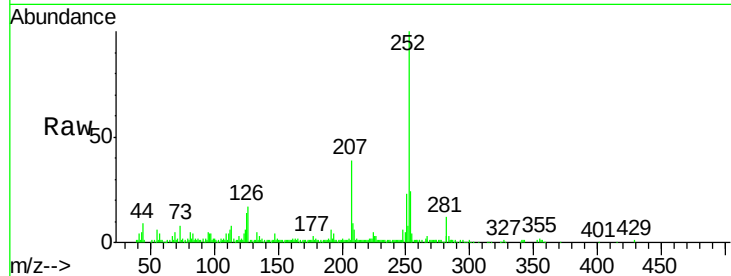
ClientSampleId :

D9D90

Tgt Ion:	252	Resp:	148174
Ion Ratio		Lower	Upper
252	100		
253	24.1	17.3	25.9
125	13.7	10.2	15.4

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#26

Benzo(a)pyrene

Concen: 11.47 ng/ul

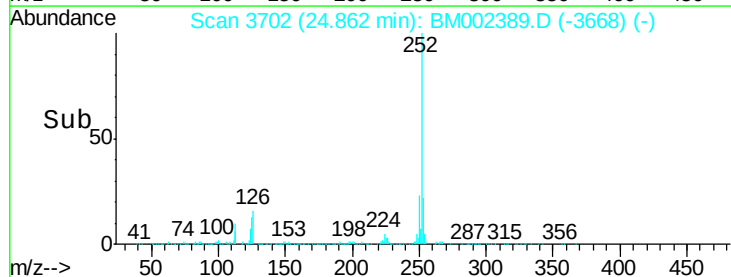
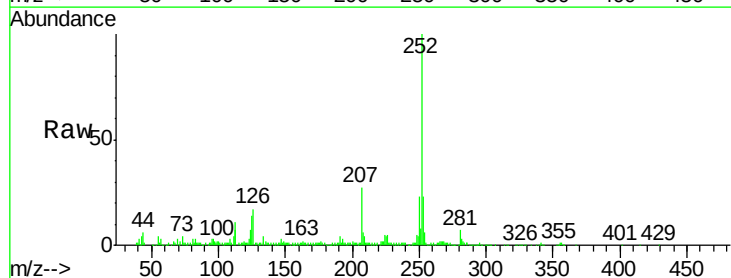
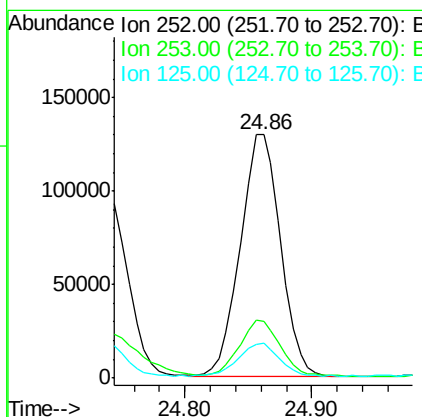
RT: 24.86 min Scan# 3702

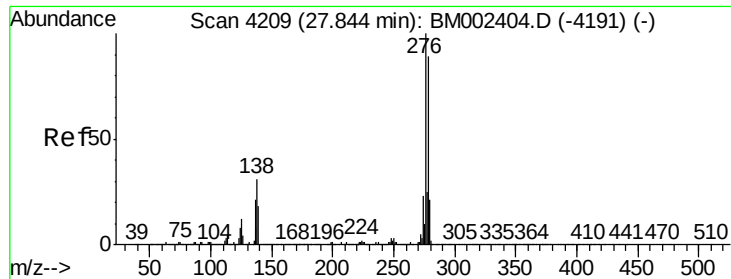
Delta R.T. -0.00 min

Lab File: BM002389.D

Acq: 13 Aug 2015 08:15

Tgt Ion:	252	Resp:	286163
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.3	25.9
125	14.2	11.0	16.6





#27

Indeno(1,2,3-cd)pyrene

Concen: 7.38 ng/ul

RT: 27.83 min Scan# 4206

Delta R.T. -0.01 min

Lab File: BM002389.D

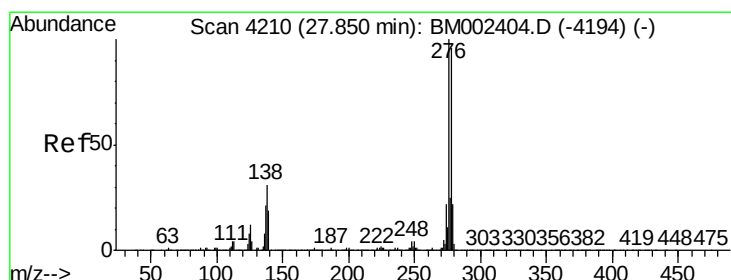
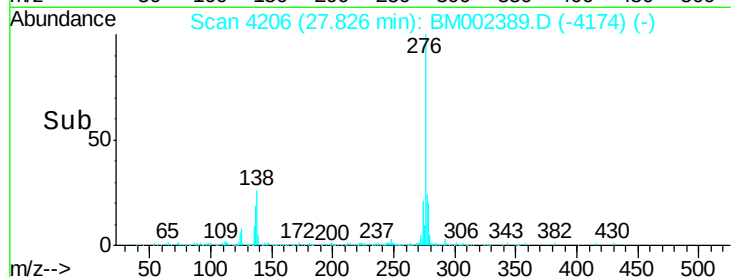
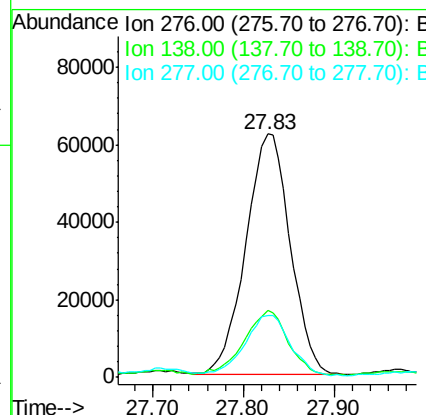
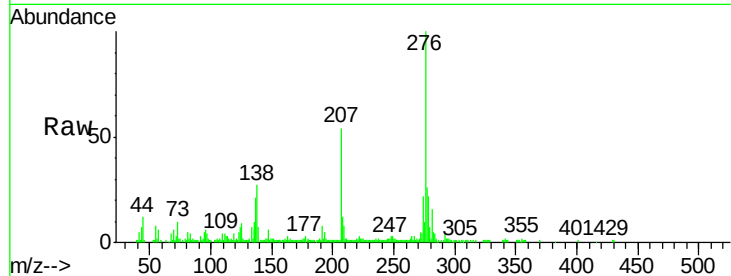
Acq: 13 Aug 2015 08:15

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	210987		
138	27.4	25.6	38.4	
277	25.5	21.0	31.4	

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#28

Dibenzo(a,h)anthracene

Concen: 2.34 ng/ul

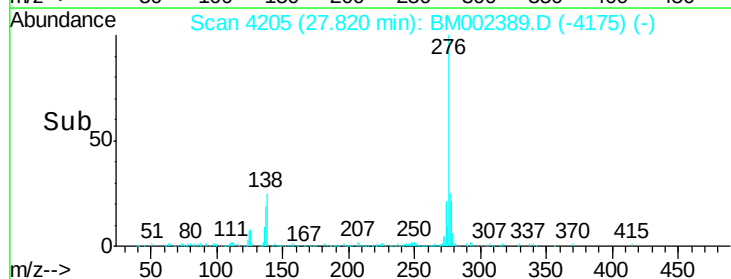
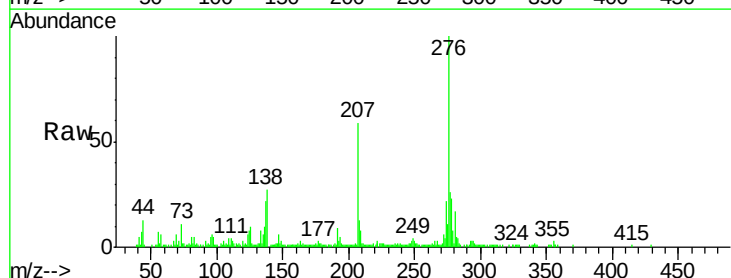
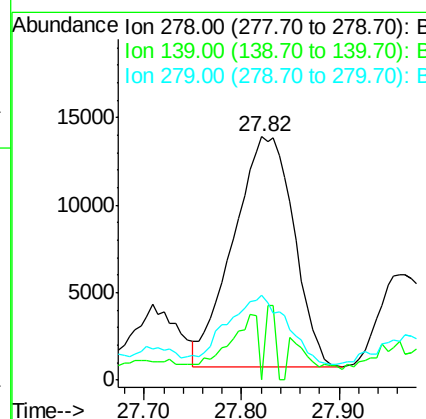
RT: 27.82 min Scan# 4205

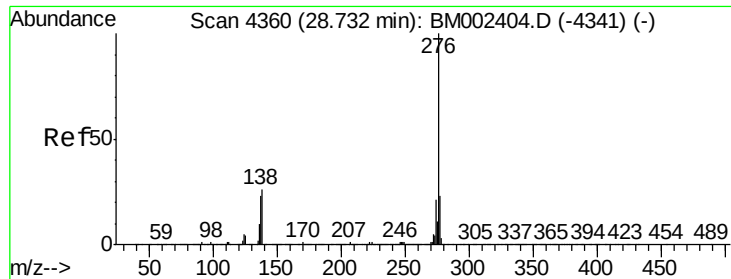
Delta R.T. -0.02 min

Lab File: BM002389.D

Acq: 13 Aug 2015 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	56628		
139	0.0	16.4	24.6#	
279	35.1	18.8	28.2#	





#29

Benzo(g,h,i)perylene

Concen: 8.37 ng/ul

RT: 28.71 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BM002389.D

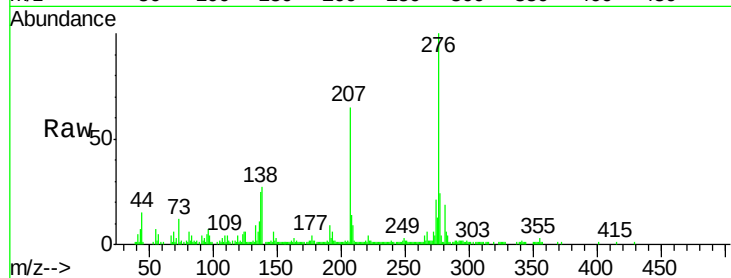
Acq: 13 Aug 2015 08:15

Instrument :

BNA_M

ClientSampleId :

D9D90



Tgt Ion:	276	Resp:	202045
Ion Ratio	Lower	Upper	
276	100		
138	26.8	20.5	30.7
277	24.4	19.0	28.6

Manual Integrations
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8/14/2015 3:04:57 PM

