

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003222.D
 Acq On : 20 Nov 2015 15:44
 Operator : UM/IZ
 Sample : G4322-19RX
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT0RX

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 6:58:35 PM

Quant Time: Nov 23 10:51:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 03:26:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14821	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	60502	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	31315	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	59670	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	53630	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	53708	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	20372	1.29	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	9417	0.11	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	16673	0.11	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthylene	14.09	152	3903	0.03	ng/ul#	89
13) Pentachlorophenol	16.78	266	970	0.07	ng/ul	94
14) Phenanthrene	17.16	178	53608	0.31	ng/ul#	89
15) Anthracene	17.26	178	7109	0.05	ng/ul#	92
17) Fluoranthene	19.19	202	145739	0.76	ng/ul	99
19) Pyrene	19.55	202	124998	0.68	ng/ul	99
20) Benzo(a)anthracene	21.31	228	55030	0.35	ng/ul	94
21) Chrysene	21.36	228	67781	0.39	ng/ul	97
23) Benzo(b)fluoranthene	22.91	252	105236m	0.52	ng/ul	
25) Benzo(a)pyrene	23.48	252	57688	0.32	ng/ul#	94
26) Indeno(1,2,3-cd)pyrene	25.87	276	43041	0.20	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.87	278	9808	0.06	ng/ul#	59
28) Benzo(g,h,i)perylene	26.57	276	37671	0.20	ng/ul	98

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

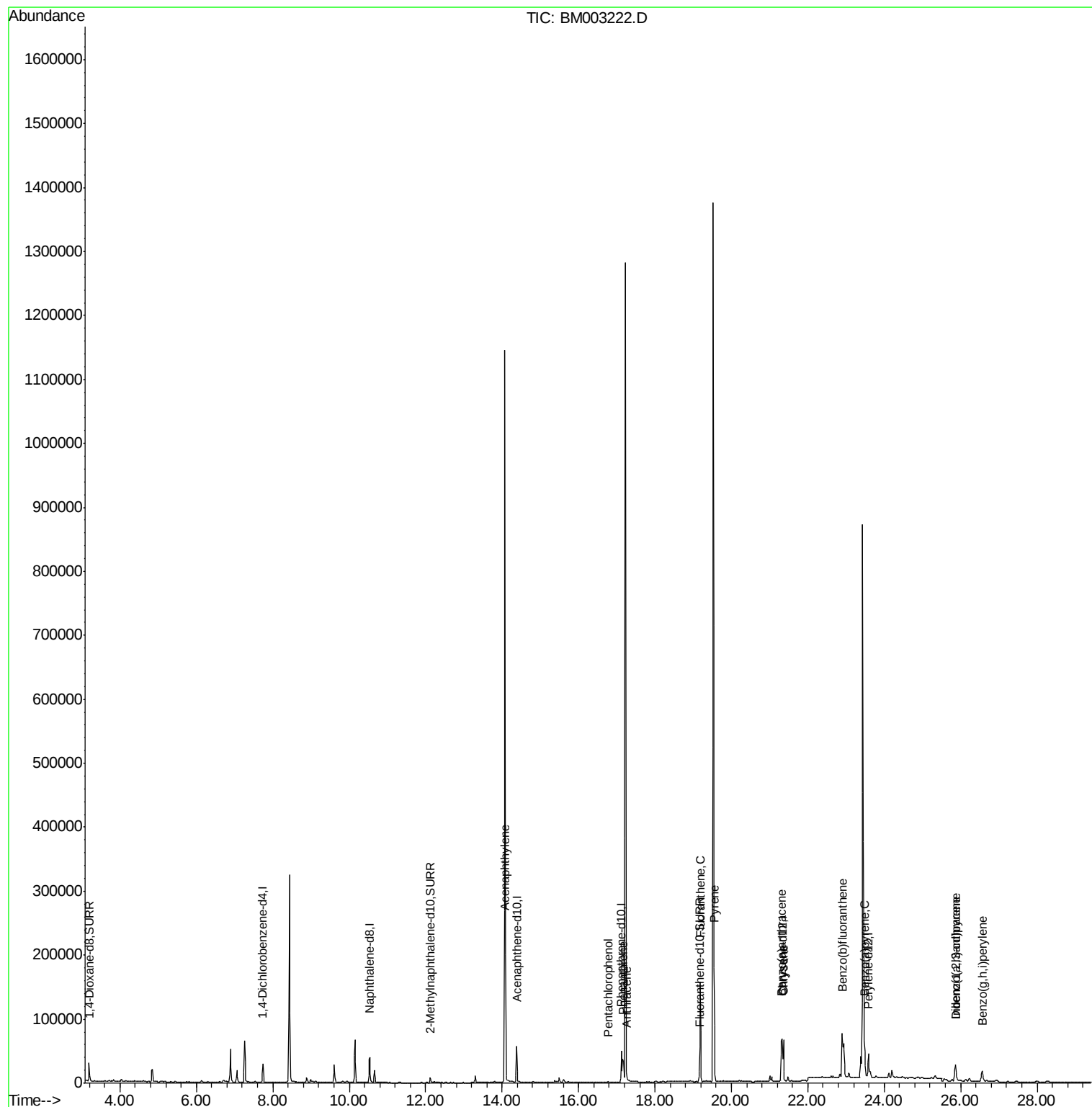
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003222.D
Acq On : 20 Nov 2015 15:44
Operator : UM/IZ
Sample : G4322-19RX
Misc :
ALS Vial : 25 Sample Multiplier: 1

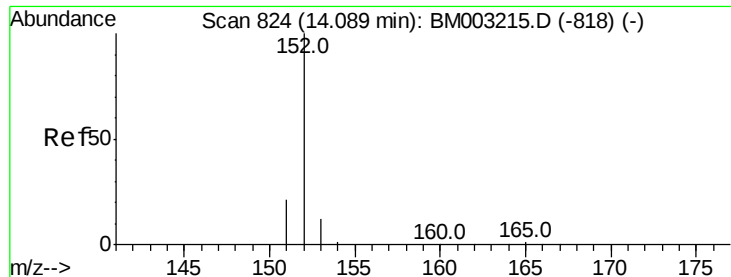
Instrument :
BNA_M
ClientSampleId :
A4HT0RX

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:35 PM

Quant Time: Nov 23 10:51:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 03:26:56 2015
Response via : Initial Calibration





#9

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Instrument :

BNA_M

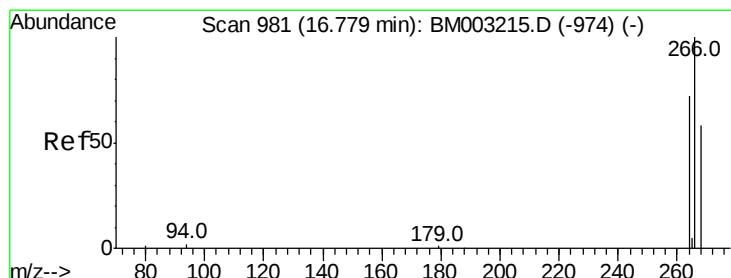
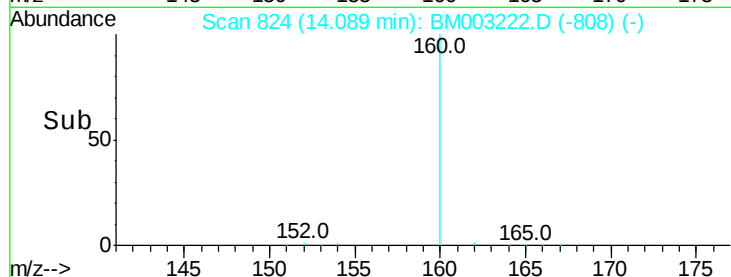
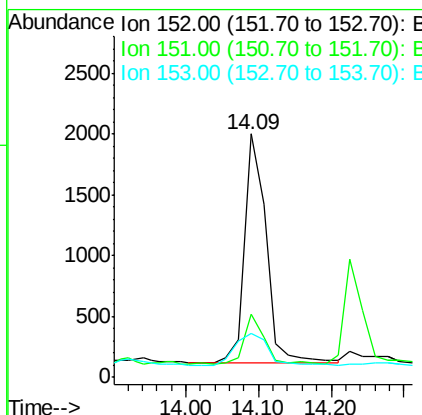
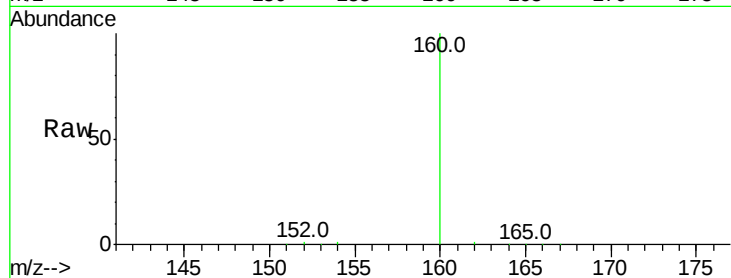
ClientSampleId :

A4HT0RX

Tot Ion:	152	Resp:	3903
Ion Ratio	Lower	Upper	
152	100		
151	26.1	17.6	26.4
153	18.2	9.7	14.5#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:35 PM



#13

Pentachlorophenol

Concen: 0.07 ng/ul

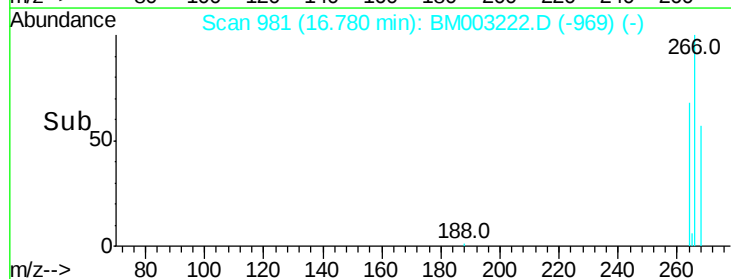
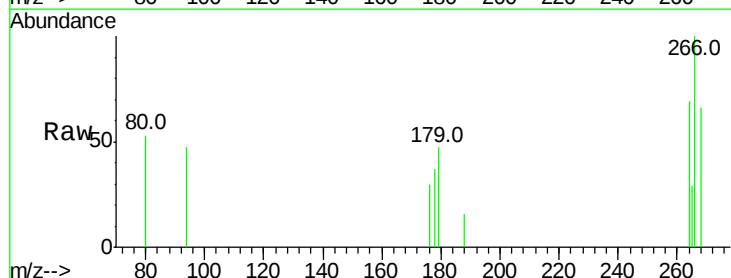
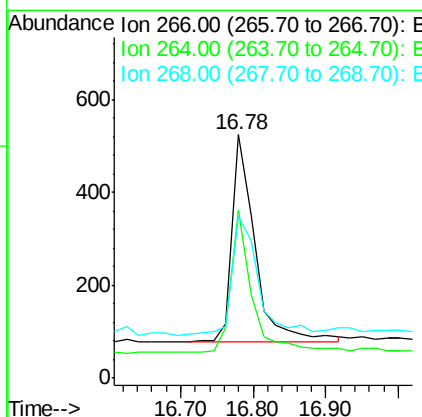
RT: 16.78 min Scan# 981

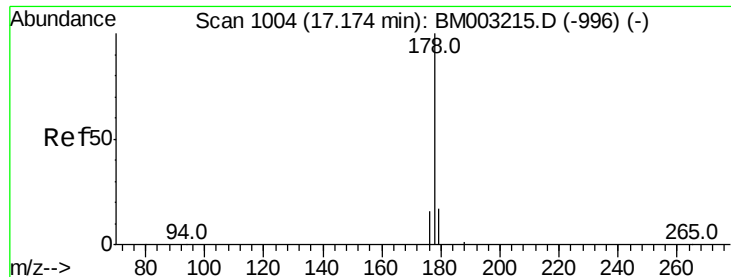
Delta R.T. 0.00 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Tgt Ion:	266	Resp:	970
Ion Ratio	Lower	Upper	
266	100		
264	63.5	51.8	77.8
268	66.9	46.8	70.2





#14

Phenanthrene

Concen: 0.31 ng/ul

RT: 17.16 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Instrument :

BNA_M

ClientSampleId :

A4HT0RX

Tot Ion:178 Resp: 53608

Ion Ratio Lower Upper

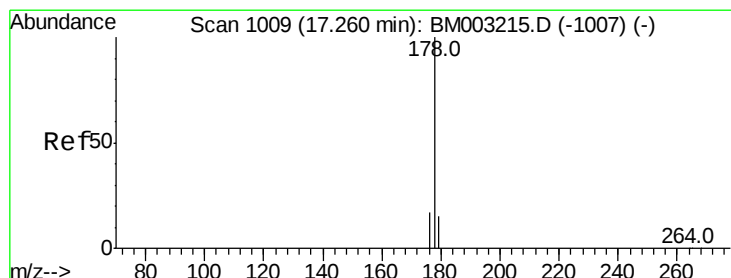
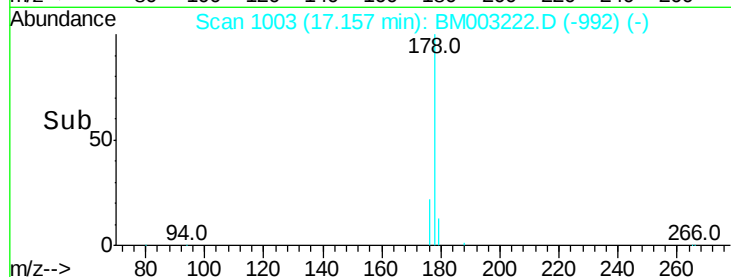
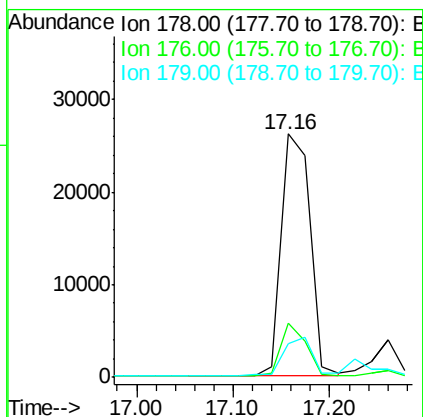
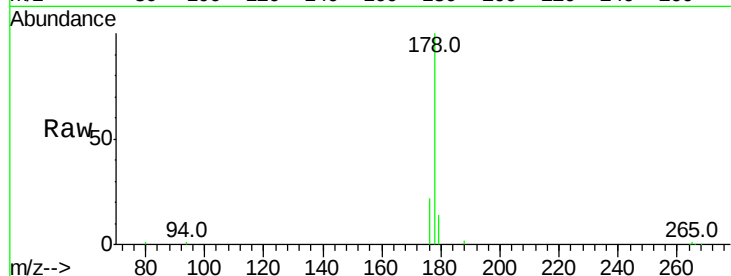
178 100

176 22.5 13.0 19.4#

179 13.9 14.2 21.2#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:35 PM



#15

Anthracene

Concen: 0.05 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

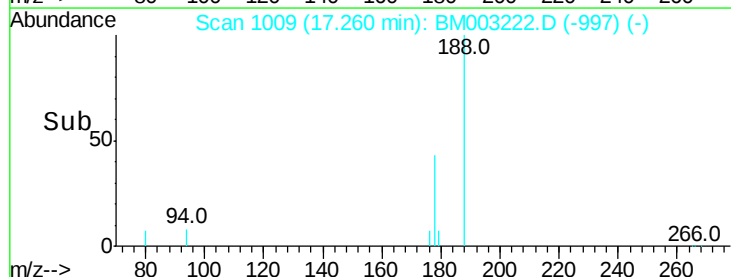
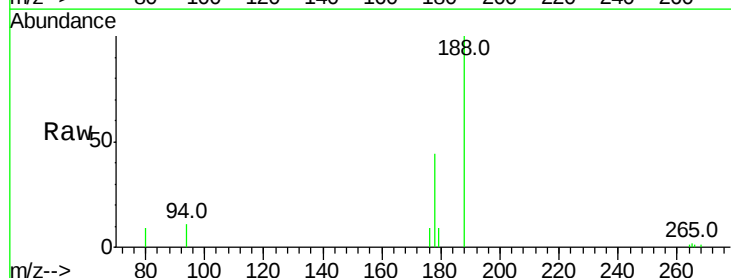
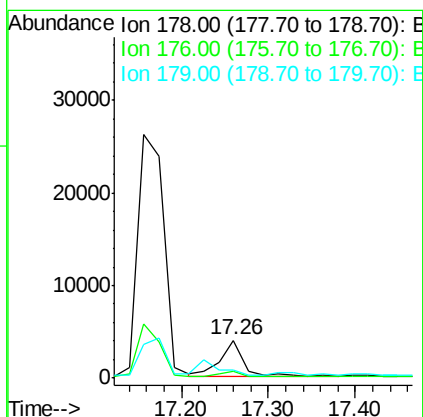
Tgt Ion:178 Resp: 7109

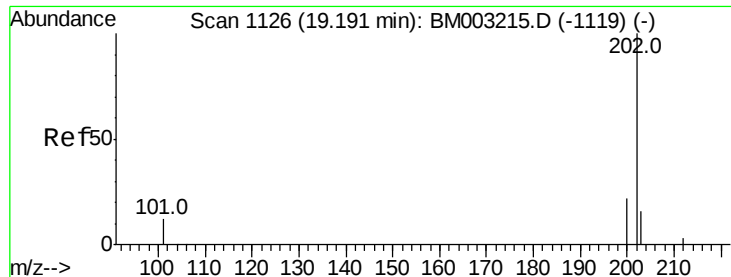
Ion Ratio Lower Upper

178 100

176 19.7 14.0 21.0

179 21.3 12.9 19.3#





#17

Fluoranthene

Concen: 0.76 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Instrument :

BNA_M

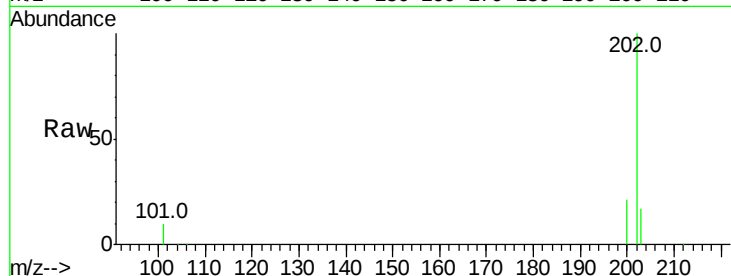
ClientSampleId :

A4HT0RX

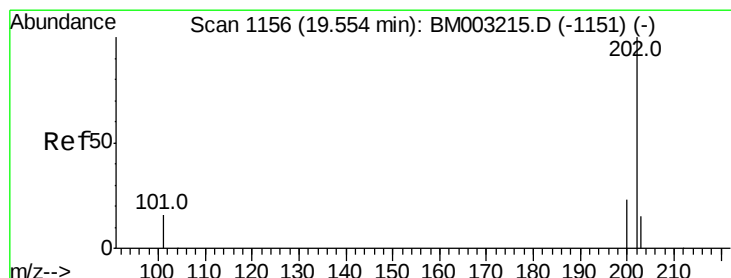
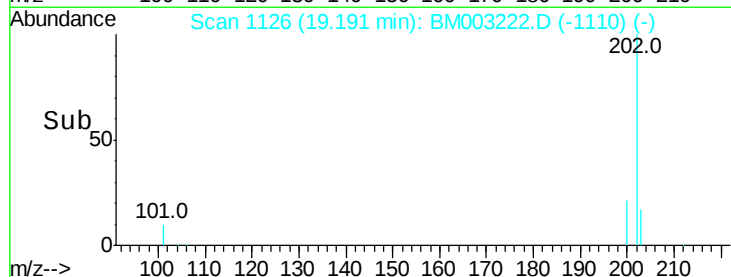
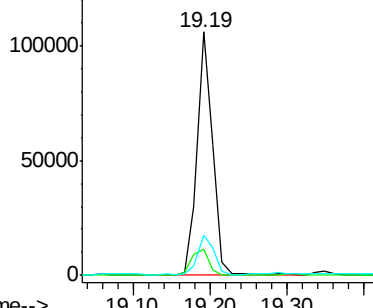
Tot Ion	Ratio	Resp	Lower	Upper
202	100	145739		
101	10.4		0.0	29.6
203	16.7		0.0	36.3

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:35 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 0.68 ng/ul

RT: 19.55 min Scan# 1156

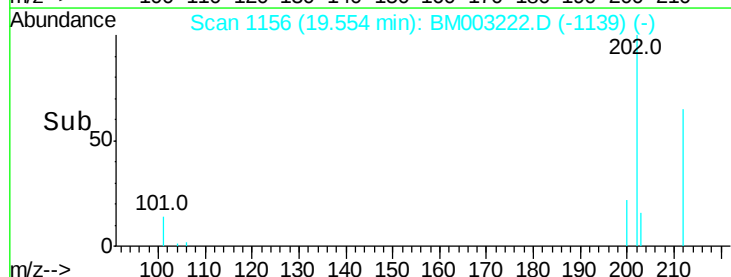
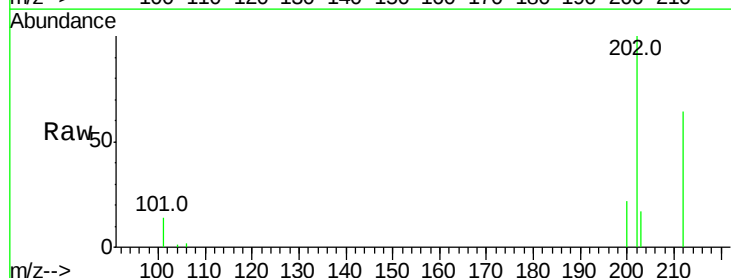
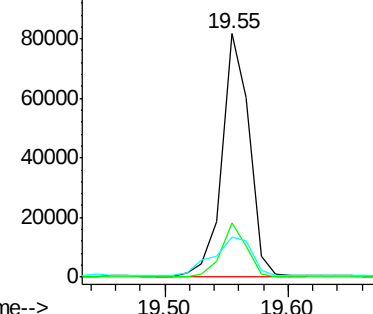
Delta R.T. 0.00 min

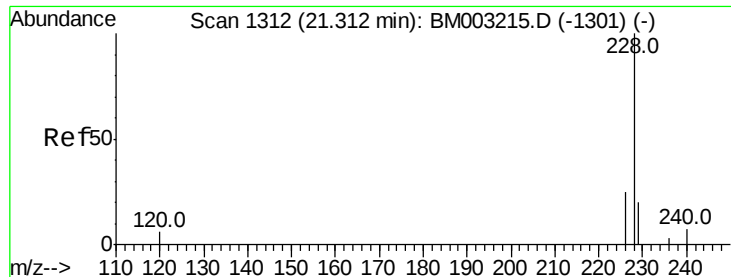
Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	124998		
200	22.4		17.8	26.8
203	16.6		12.8	19.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





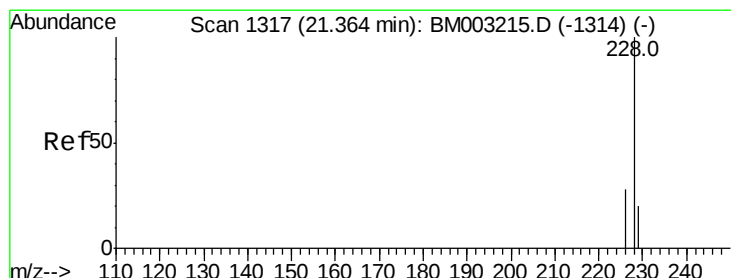
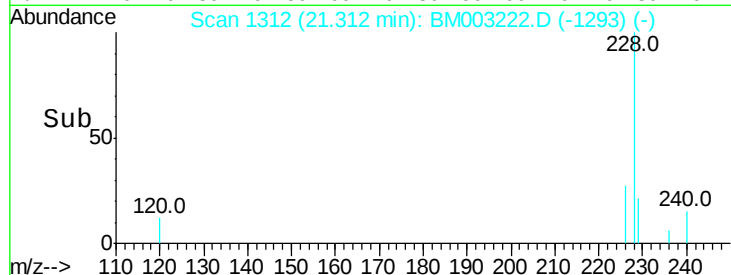
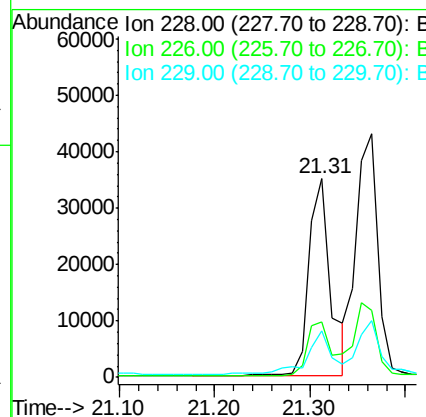
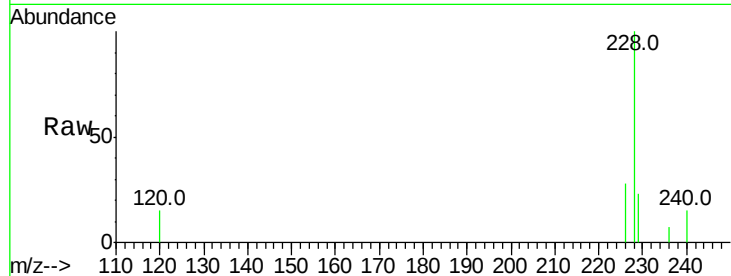
#20
Benzo(a)anthracene
Concen: 0.35 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Instrument :
BNA_M
ClientSampleId :
A4HT0RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	18.8	28.2
229	23.2	17.1	25.7

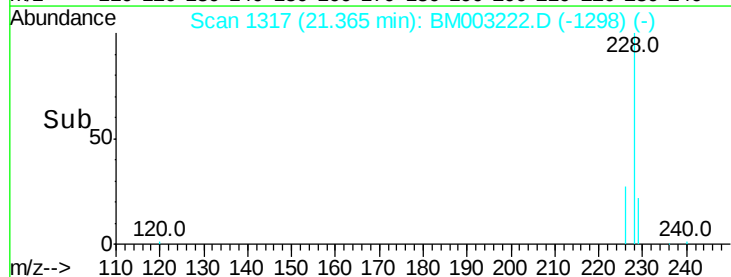
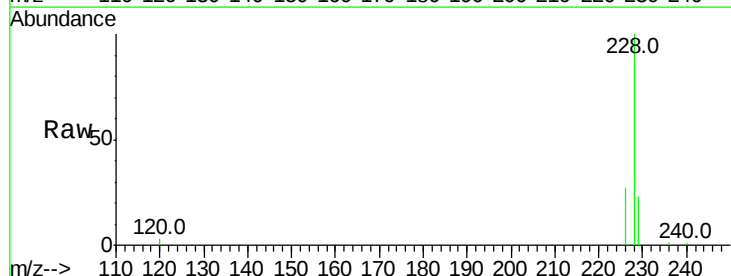
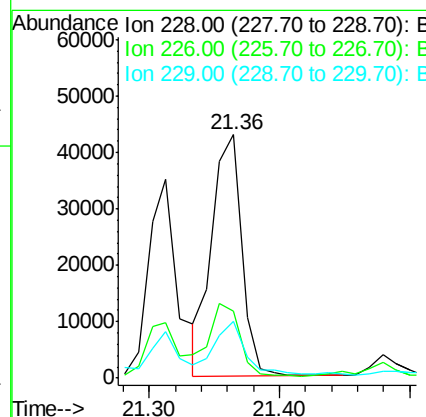
Manual Integrations
APPROVED

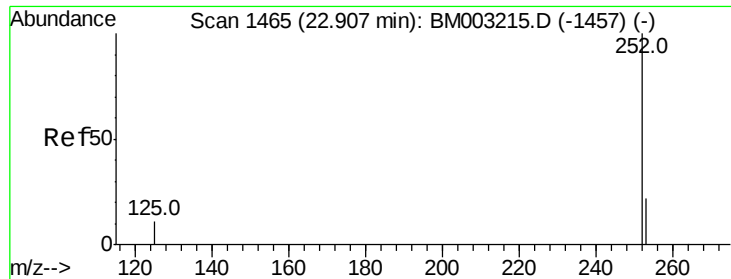
Mmdadoda
11/23/2015 6:58:35 PM



#21
Chrysene
Concen: 0.39 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.2	31.8
229	23.5	17.0	25.6





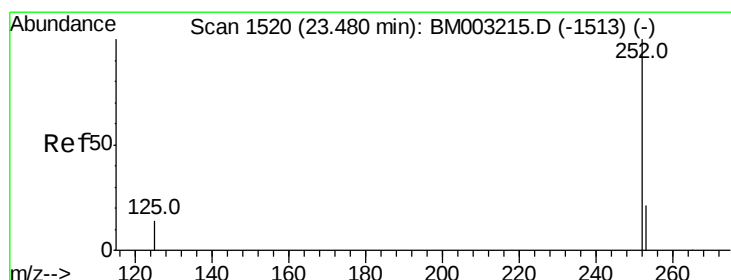
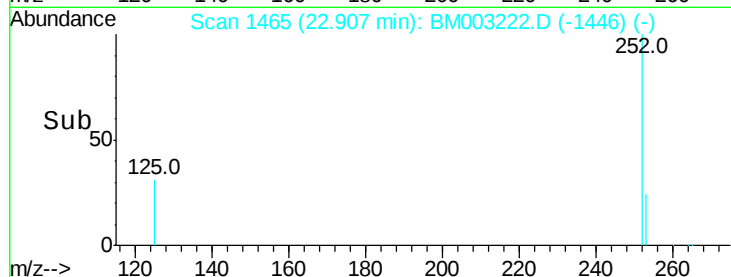
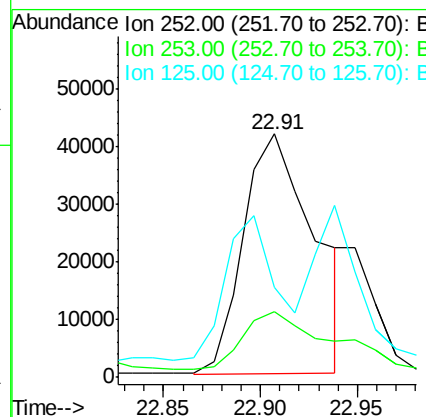
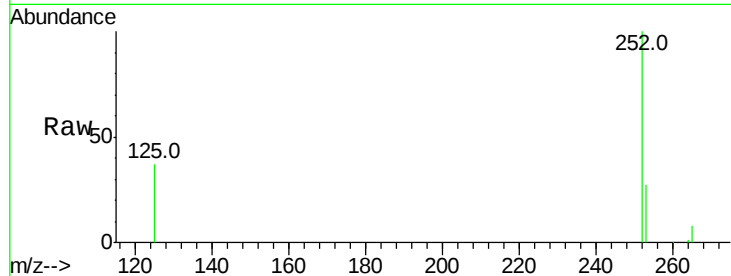
#23
Benzo(b)fluoranthene
Concen: 0.52 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Instrument :
BNA_M
ClientSampleId :
A4HT0RX

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	0.0	45.4
125	36.9	0.0	28.8#

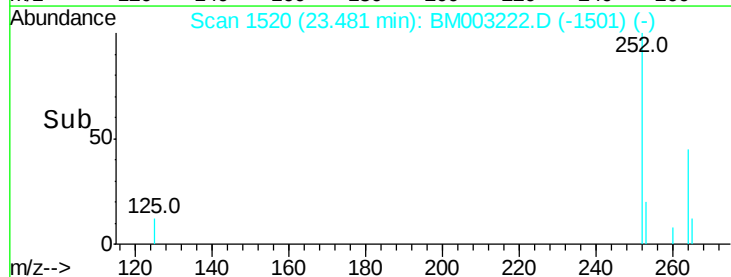
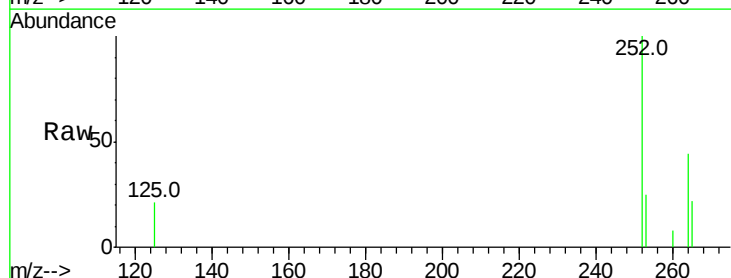
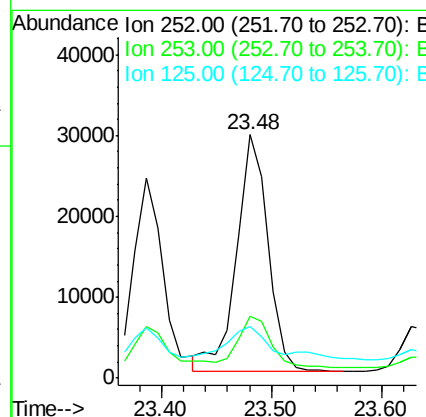
Manual Integrations
APPROVED

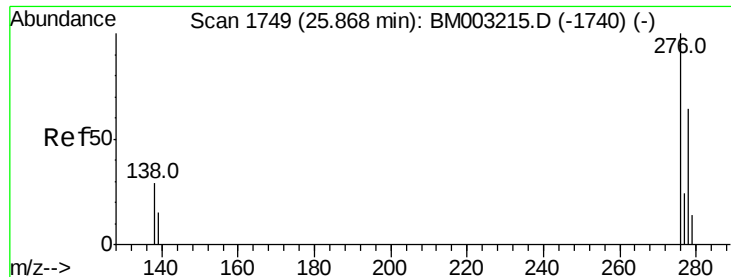
Mmdadoda
11/23/2015 6:58:35 PM



#25
Benzo(a)pyrene
Concen: 0.32 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.3	19.4	29.2
125	21.3	12.7	19.1#





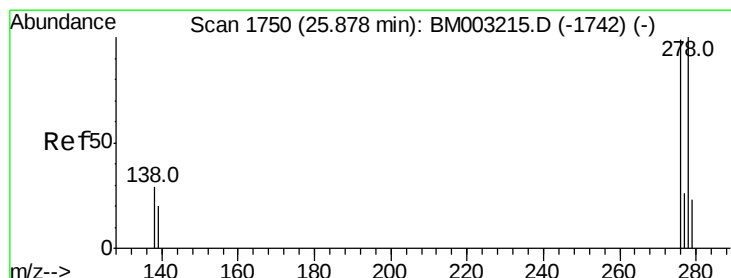
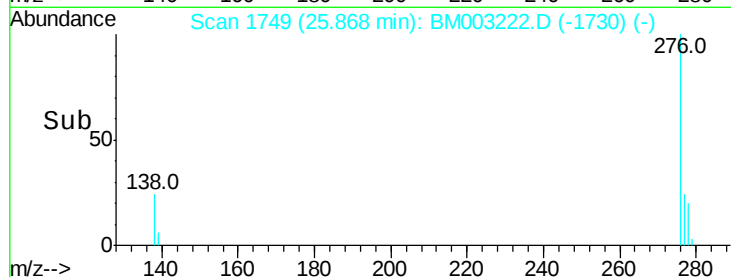
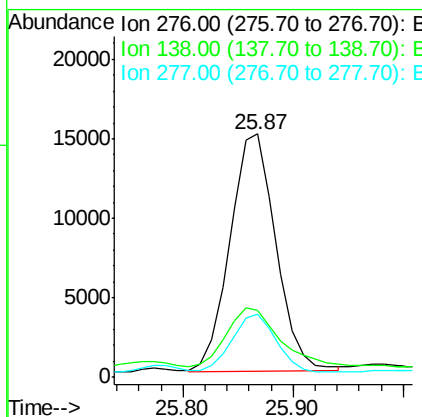
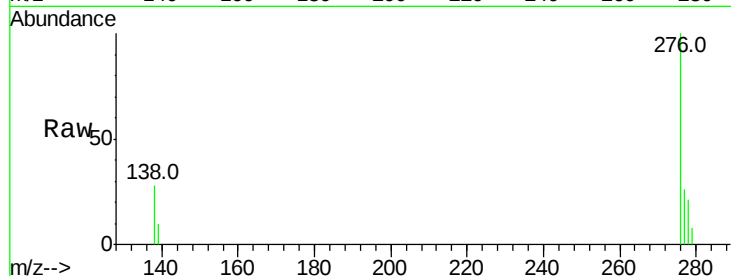
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Instrument :
BNA_M
ClientSampleId :
A4HT0RX

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	16.3	24.5#
277	23.3	19.8	29.8

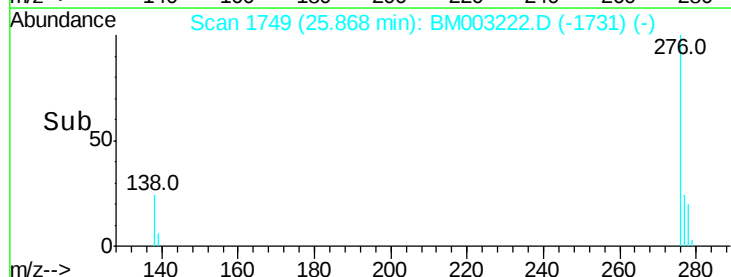
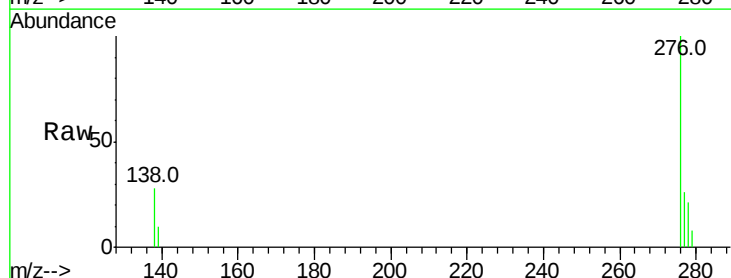
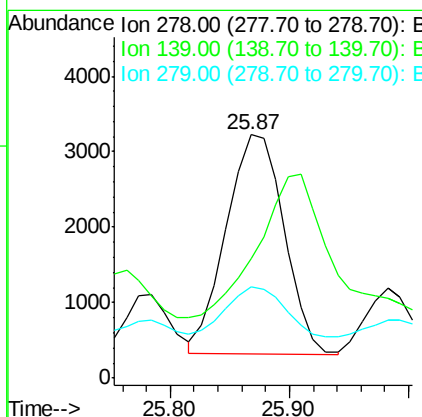
Manual Integrations
APPROVED

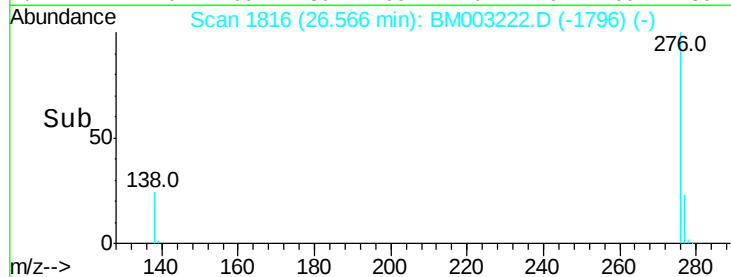
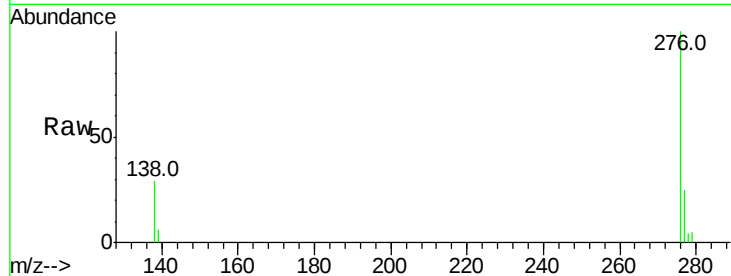
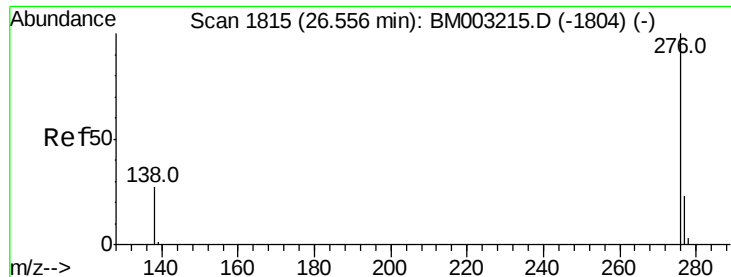
Mmdadoda
11/23/2015 6:58:35 PM



#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003222.D
Acq: 20 Nov 2015 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.2	16.4	24.6#
279	37.5	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.20 ng/ul

RT: 26.57 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM003222.D

Acq: 20 Nov 2015 15:44

Tot Ion:	276	Resp:	37671
Ion Ratio	Lower	Upper	
276	100		
277	25.3	18.9	28.3
138	28.9	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

A4HT0RX

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:35 PM

