

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003863.D
 Acq On : 29 Dec 2015 23:32
 Operator : SJ/UM
 Sample : G4848-01DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N47DL

Manual Integrations
 APPROVED

Sohil
 12/30/2015 3:50:32 PM

Quant Time: Dec 30 05:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3745	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	16342	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	9623	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	22198	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	19057	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	15940	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	4682	2.92	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	1892	0.10	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5351	0.11	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	30287	0.82	ng/ul	Ovalue 98
7) 2-Methylnaphthalene	12.14	142	2659	0.11	ng/ul	99
10) Acenaphthene	14.38	153	1088	0.04	ng/ul#	81
11) Fluorene	15.38	166	1193	0.04	ng/ul#	75
14) Phenanthrene	17.11	178	4957	0.09	ng/ul#	89
17) Fluoranthene	19.14	202	1973m	0.03	ng/ul	

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

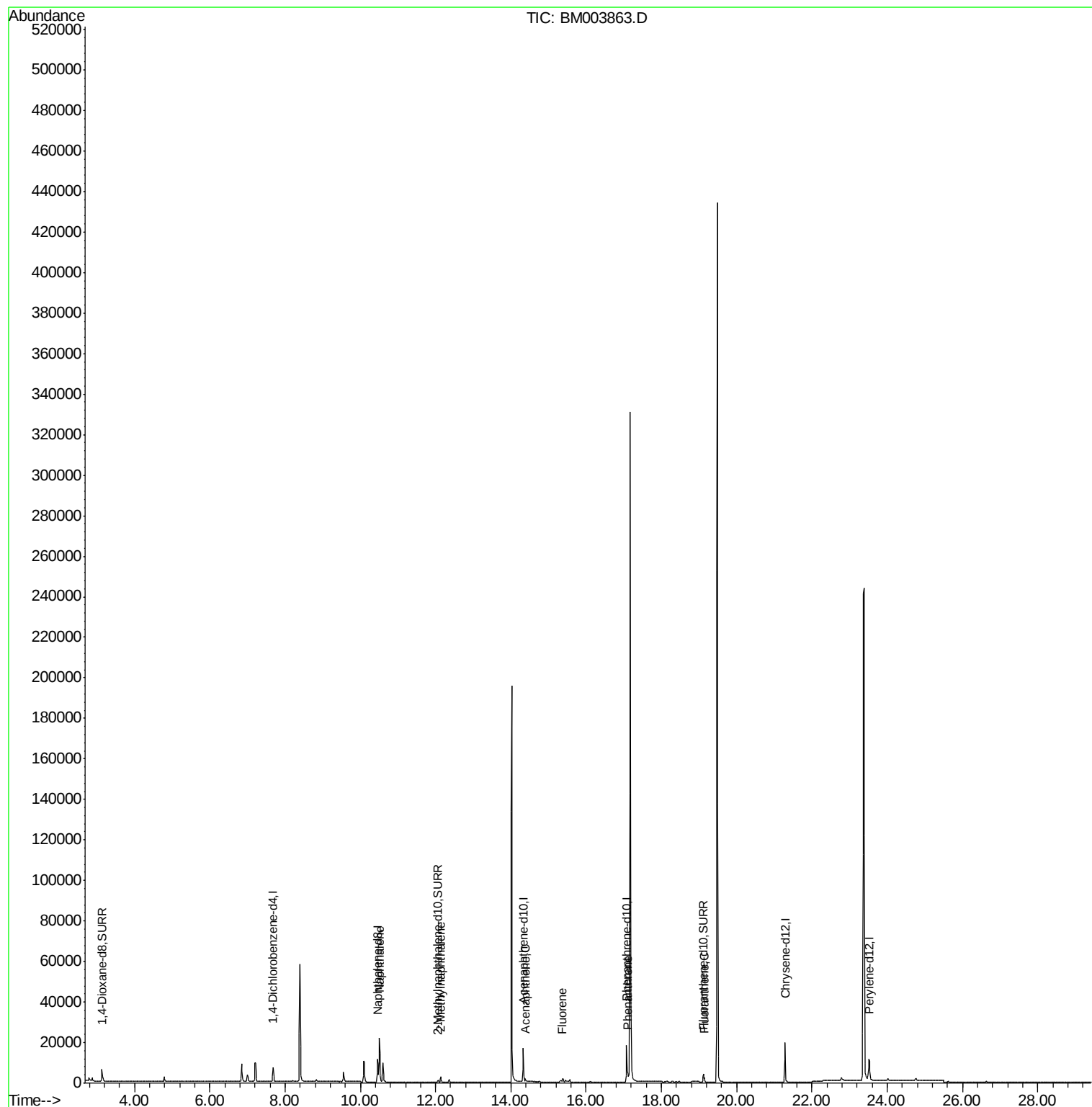
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003863.D
Acq On : 29 Dec 2015 23:32
Operator : SJ/UM
Sample : G4848-01DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

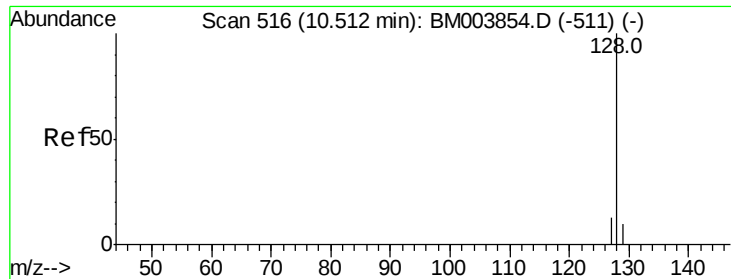
Instrument :
BNA_M
ClientSampleId :
D9N47DL

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:32 PM

Quant Time: Dec 30 05:45:42 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.82 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003863.D

Acq: 29 Dec 2015 23:32

Instrument :

BNA_M

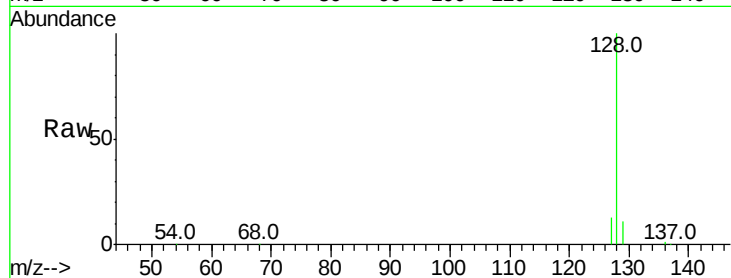
ClientSampleId :

D9N47DL

Tot Ion:	128	Resp:	30287
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.4	9.6	14.4

Manual Integrations
APPROVED

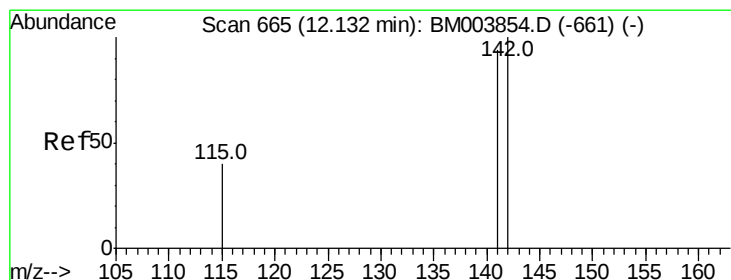
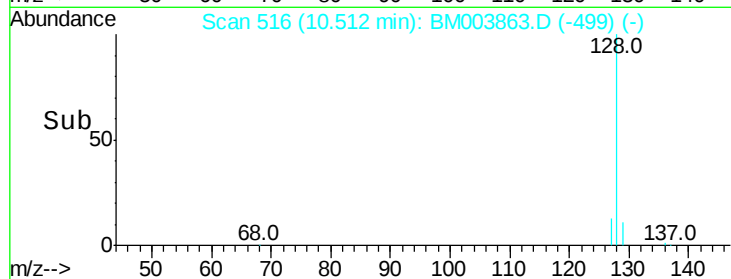
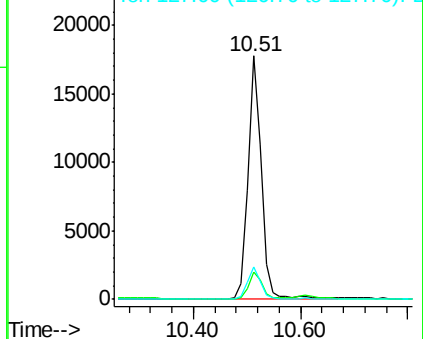
Sohil
12/30/2015 3:50:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.11 ng/ul

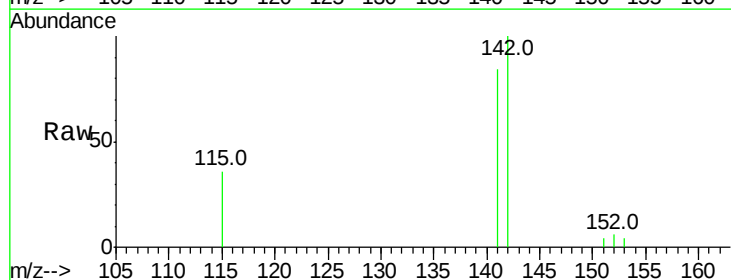
RT: 12.14 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM003863.D

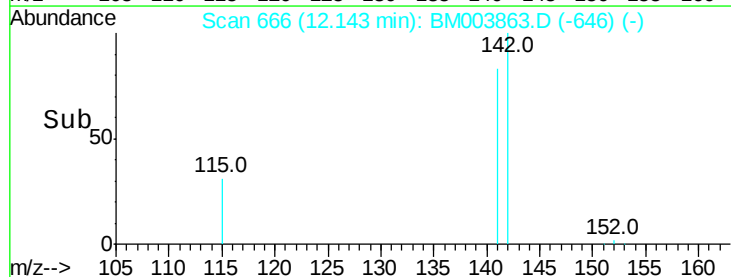
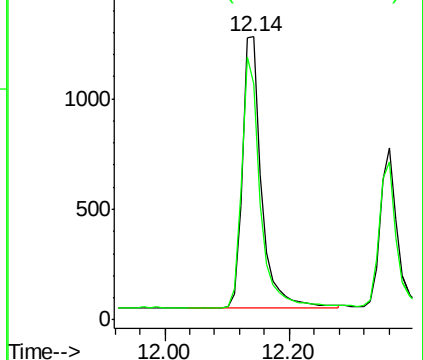
Acq: 29 Dec 2015 23:32

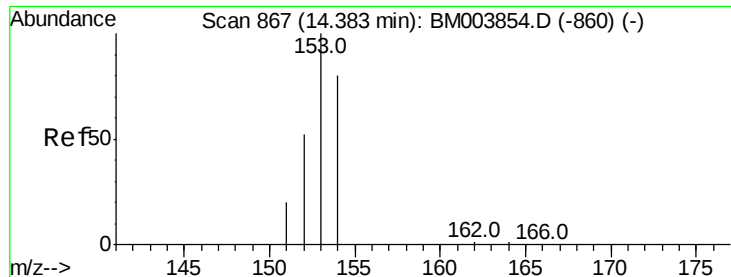
Tgt Ion:	142	Resp:	2659
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003863.D

Acq: 29 Dec 2015 23:32

Instrument :

BNA_M

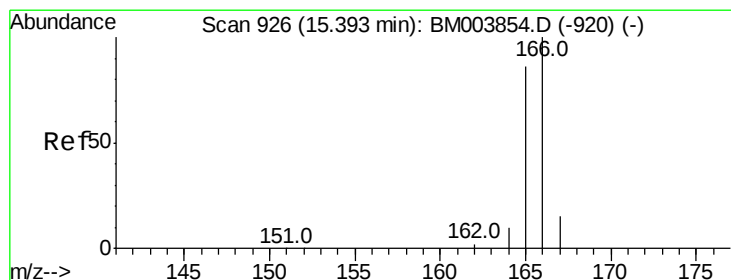
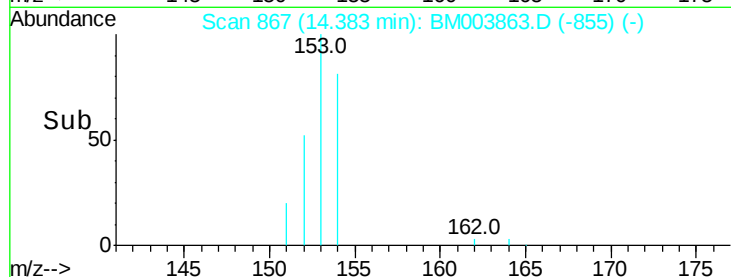
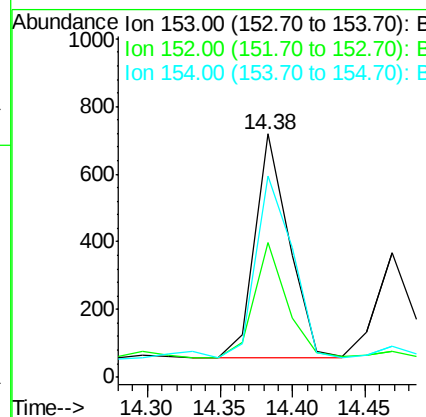
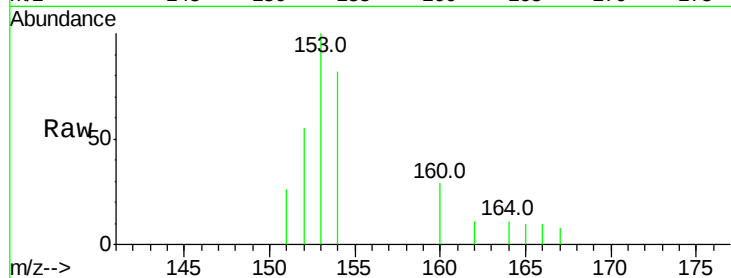
ClientSampleID :

D9N47DL

Tot Ion:	153	Resp:	1088
Ion Ratio	Lower	Upper	
153	100		
152	55.5	33.9	50.9#
154	82.5	80.6	121.0

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:32 PM



#11

Fluorene

Concen: 0.04 ng/ul

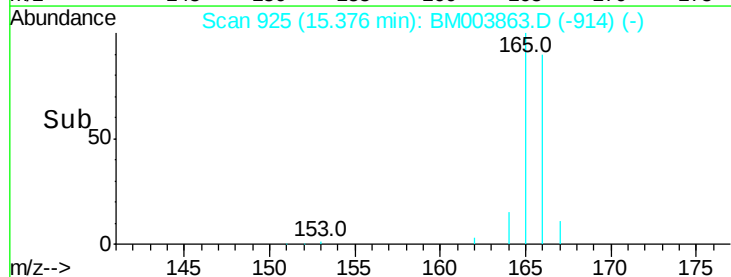
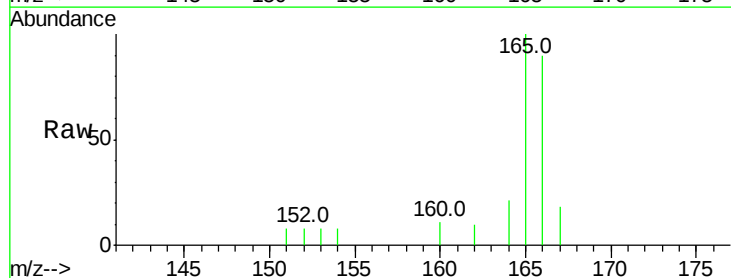
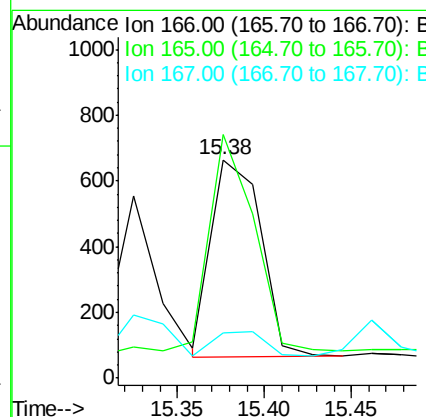
RT: 15.38 min Scan# 925

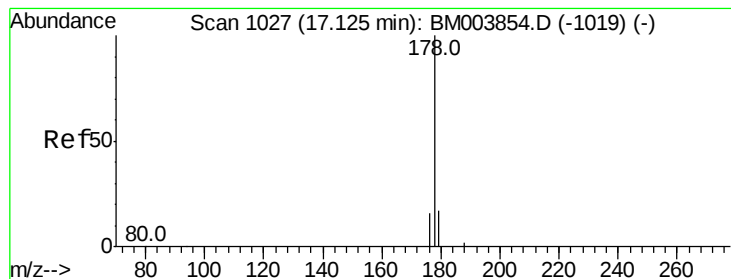
Delta R.T. -0.02 min

Lab File: BM003863.D

Acq: 29 Dec 2015 23:32

Tgt Ion:	166	Resp:	1193
Ion Ratio	Lower	Upper	
166	100		
165	111.4	69.6	104.4#
167	20.5	11.9	17.9#





#14

Phenanthrene

Concen: 0.09 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM003863.D

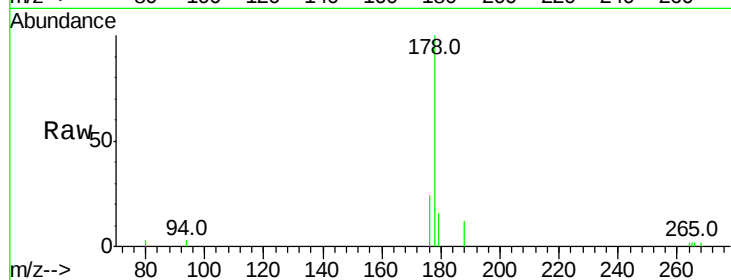
Acq: 29 Dec 2015 23:32

Instrument :

BNA_M

ClientSampleId :

D9N47DL



Tot Ion:178 Resp: 4957

Ion Ratio Lower Upper

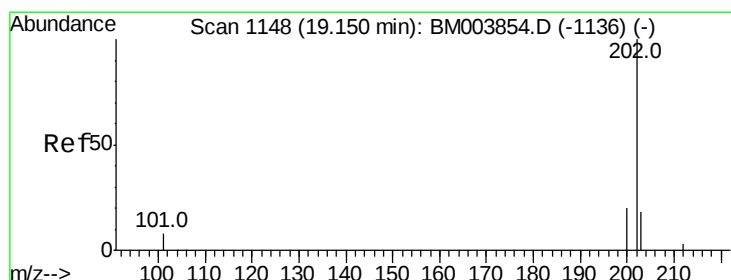
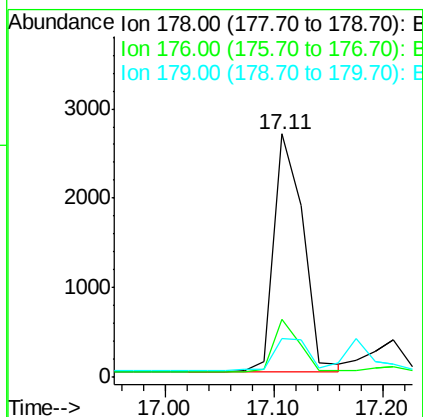
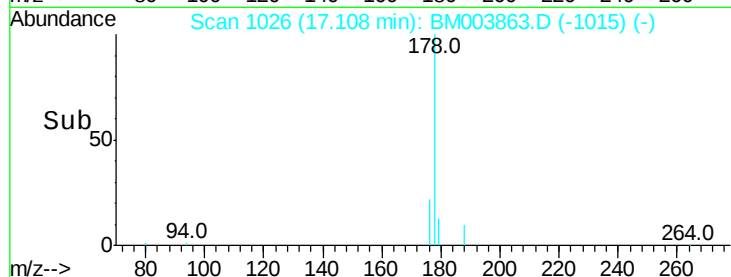
178 100

176 23.6 13.0 19.4#

179 15.8 14.2 21.2

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:32 PM



#17

Fluoranthene

Concen: 0.03 ng/ul m

RT: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM003863.D

Acq: 29 Dec 2015 23:32

Tgt Ion:202 Resp: 1973

Ion Ratio Lower Upper

202 100

101 14.1 0.0 29.6

203 20.8 0.0 36.3

