

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003858.D
 Acq On : 29 Dec 2015 20:33
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Manual Integrations
 APPROVED

Sohil
 12/30/2015 3:50:56 PM

Quant Time: Dec 30 10:16:01 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	4490	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	20378	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	12612	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	27224m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21668	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	14295m	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.14	96	27762	14.47	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	11601	0.47	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	28009	0.48	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.51	128	940770	20.49	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	85816	2.78	ng/ul	99
9) Acenaphthylene	14.04	152	10052	0.21	ng/ul#	96
10) Acenaphthene	14.38	153	108613	2.80	ng/ul	83
11) Fluorene	15.38	166	70522m	1.64	ng/ul	
14) Phenanthrene	17.11	178	231112m	3.29	ng/ul	
15) Anthracene	17.21	178	15790	0.26	ng/ul	98
17) Fluoranthene	19.14	202	78876	1.03	ng/ul	97
19) Pyrene	19.51	202	57588	0.98	ng/ul	99
20) Benzo(a)anthracene	21.26	228	6820	0.13	ng/ul#	94
21) Chrysene	21.31	228	6053	0.10	ng/ul	94

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

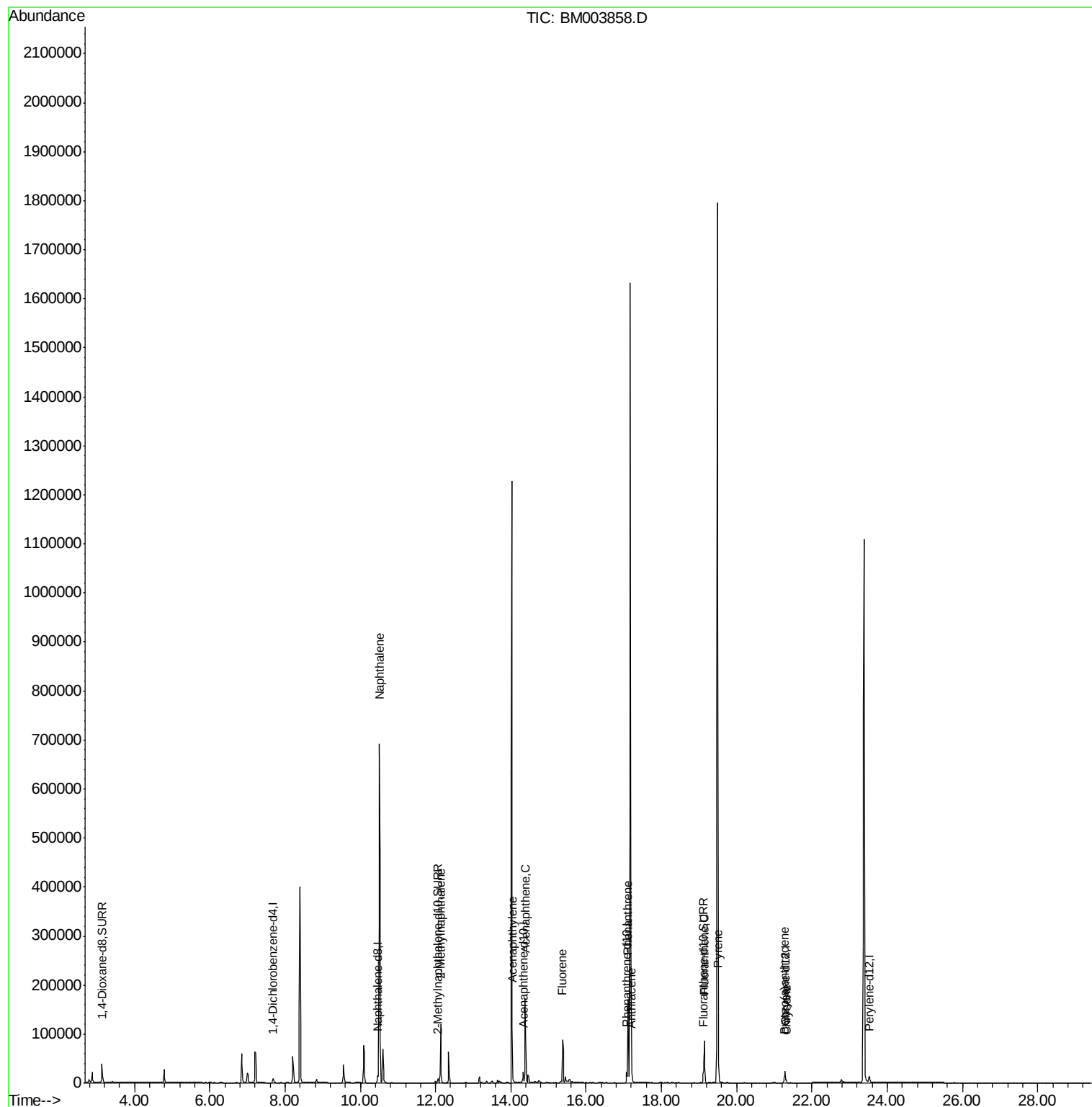
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
Data File : BM003858.D
Acq On : 29 Dec 2015 20:33
Operator : SJ/UM
Sample : G4848-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

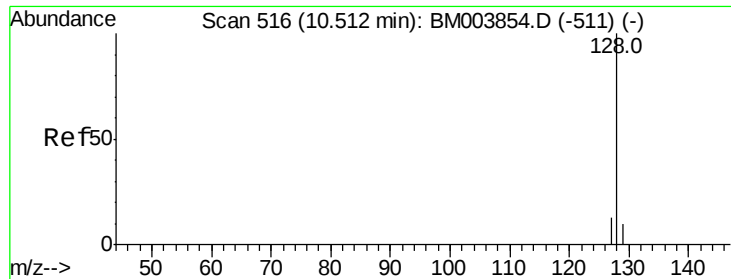
Instrument :
BNA_M
ClientSampleId :
D9N62

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:56 PM

Quant Time: Dec 30 10:16:01 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: 20.49 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003858.D

Acq: 29 Dec 2015 20:33

Instrument :

BNA_M

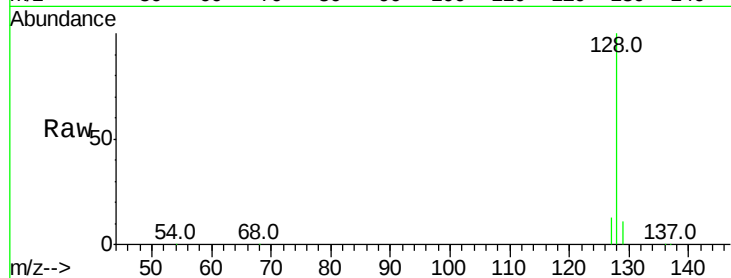
ClientSampleId :

D9N62

Tot Ion:	128	Resp:	940770
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.6
127	13.2	9.6	14.4

Manual Integrations
APPROVED

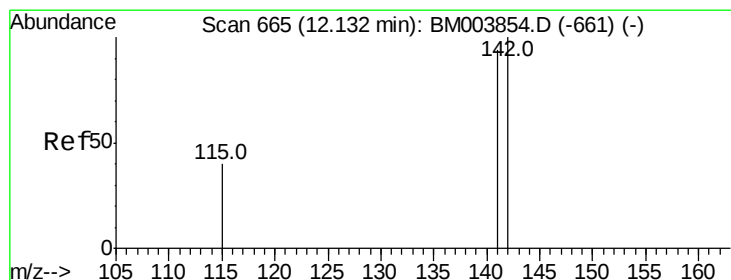
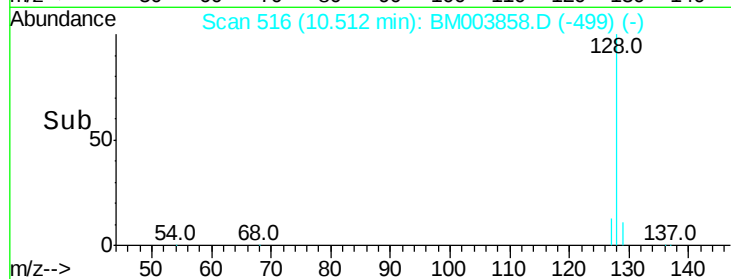
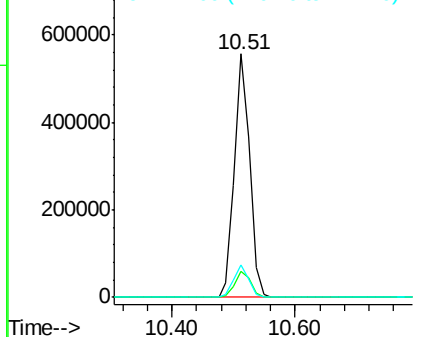
Sohil
12/30/2015 3:50:56 PM



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: 2.78 ng/ul

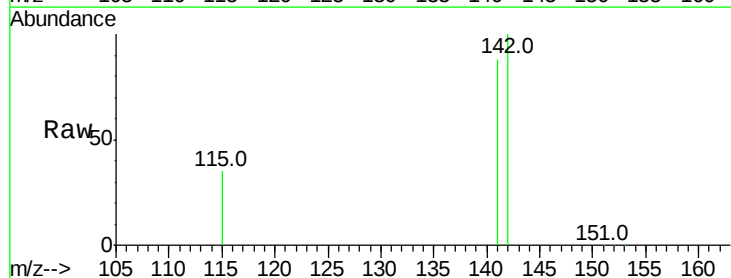
RT: 12.13 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM003858.D

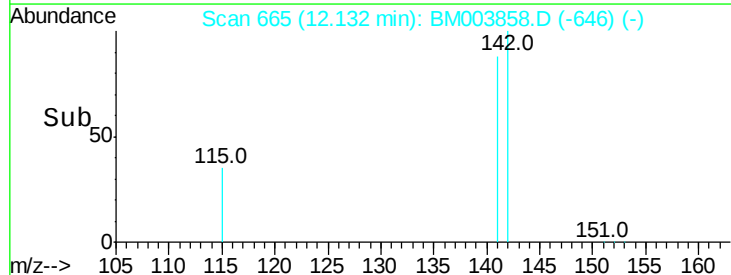
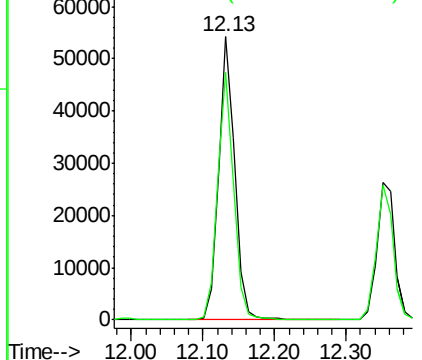
Acq: 29 Dec 2015 20:33

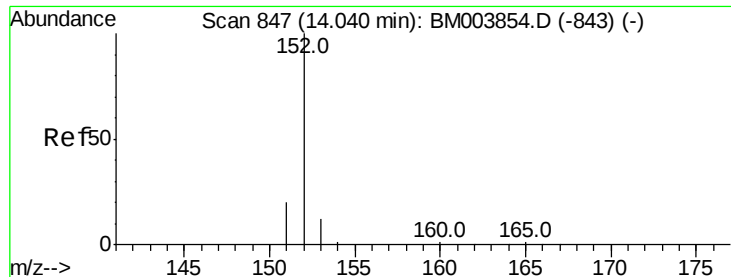
Tgt Ion:	142	Resp:	85816
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM003858.D

Acq: 29 Dec 2015 20:33

Instrument :

BNA_M

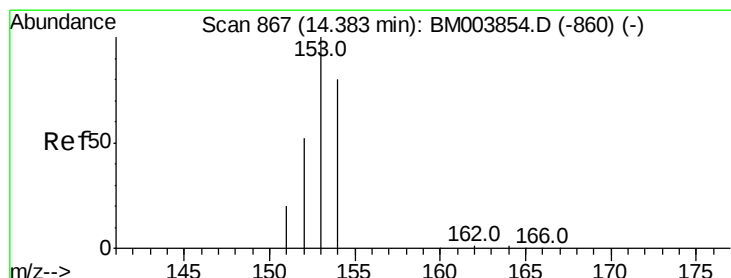
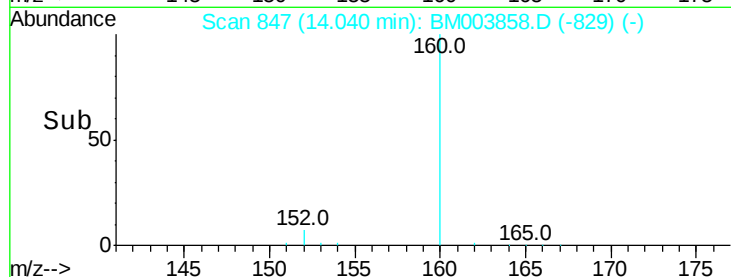
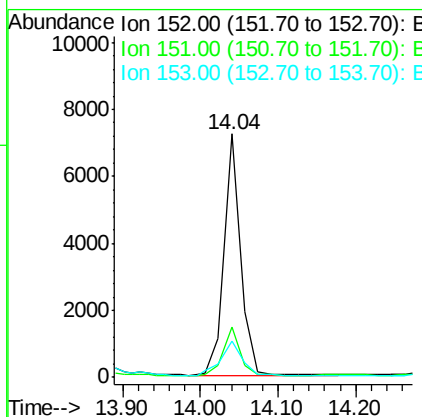
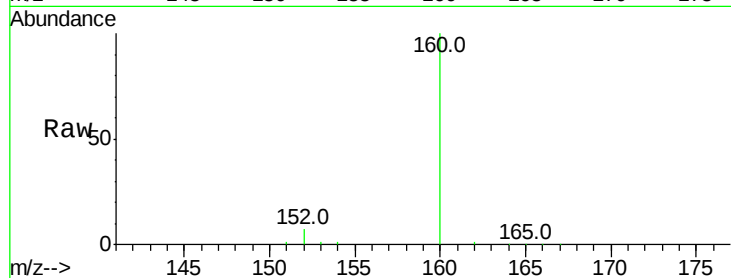
ClientSampleId :

D9N62

Tot Ion:	152	Resp:	10052
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.6	26.4
153	15.0	9.7	14.5#

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:56 PM



#10

Acenaphthene

Concen: 2.80 ng/ul

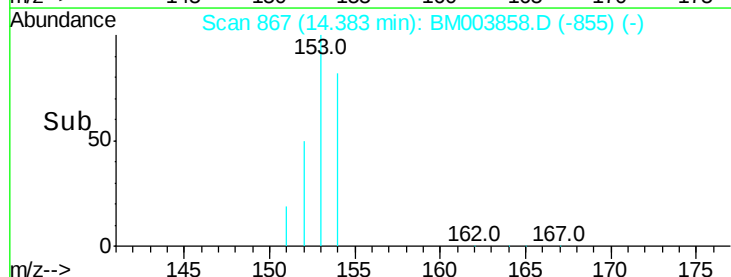
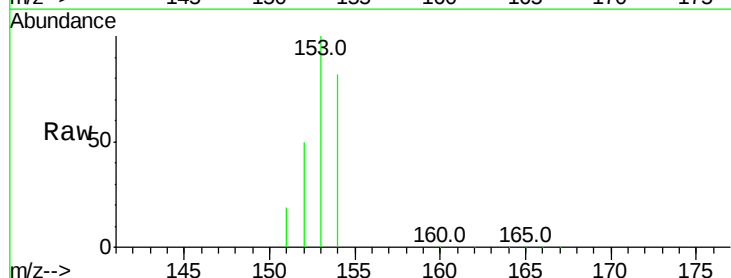
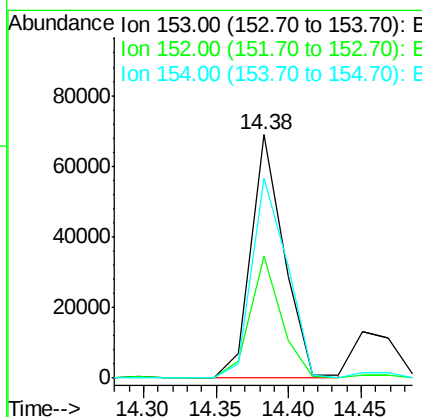
RT: 14.38 min Scan# 867

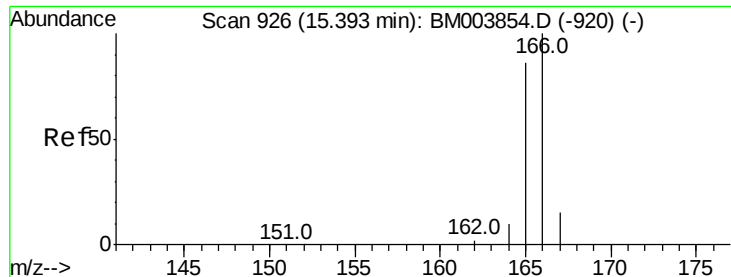
Delta R.T. -0.00 min

Lab File: BM003858.D

Acq: 29 Dec 2015 20:33

Tgt Ion:	153	Resp:	108613
Ion Ratio	Lower	Upper	
153	100		
152	50.0	33.9	50.9
154	82.1	80.6	121.0





#11

Fluorene

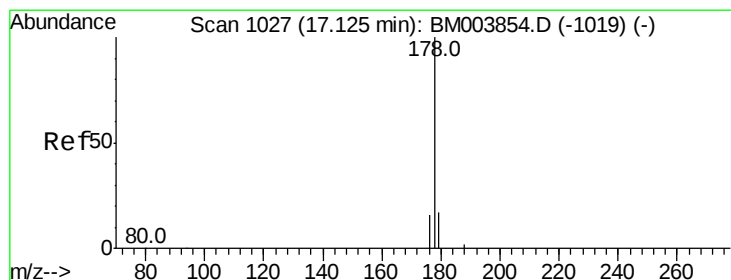
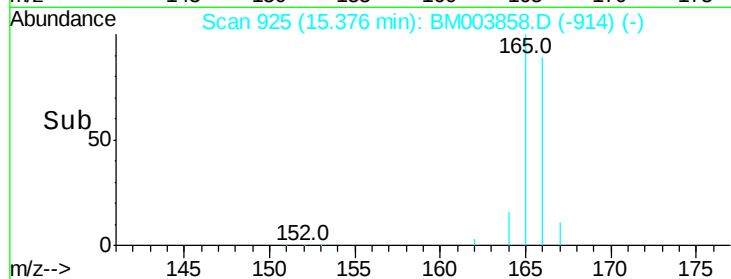
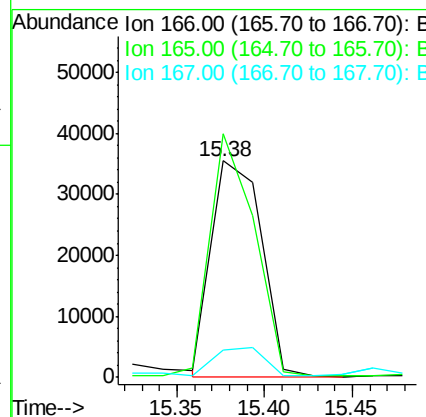
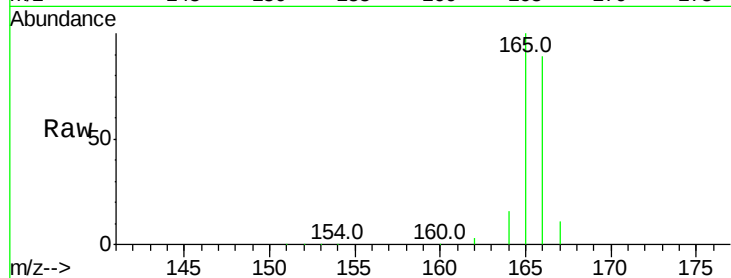
Concen: 1.64 ng/ul m
RT: 15.38 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM003858.D
Acq: 29 Dec 2015 20:33

Instrument :
BNA_M
ClientSampleId :
D9N62

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	112.6	69.6	104.4#	
167	12.8	11.9	17.9	

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:56 PM

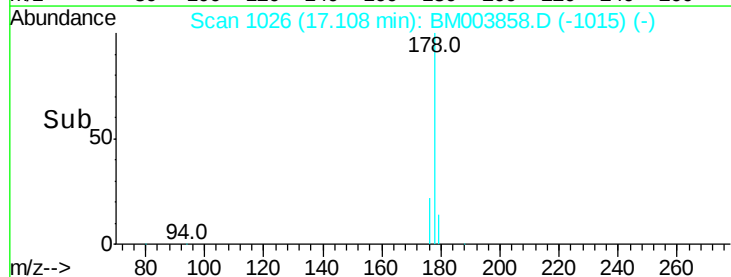
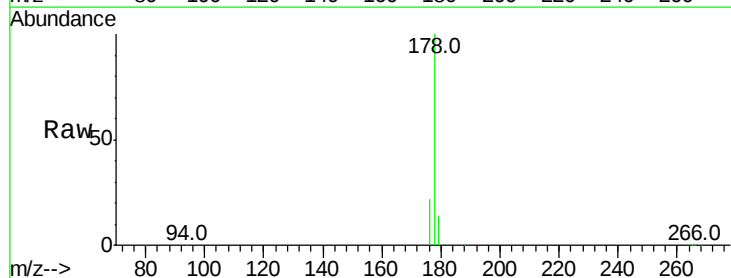
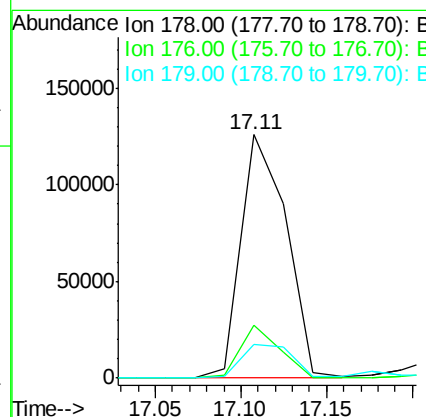


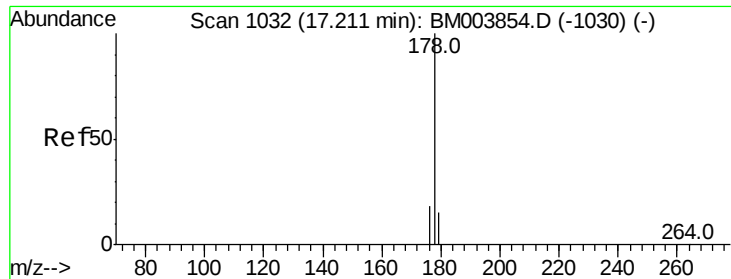
#14

Phenanthrene

Concen: 3.29 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003858.D
Acq: 29 Dec 2015 20:33

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.8	13.0	19.4#	
179	13.6	14.2	21.2#	





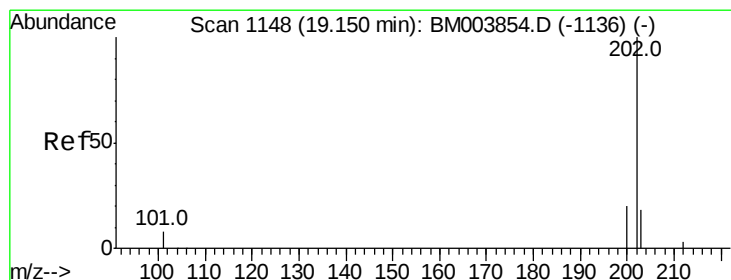
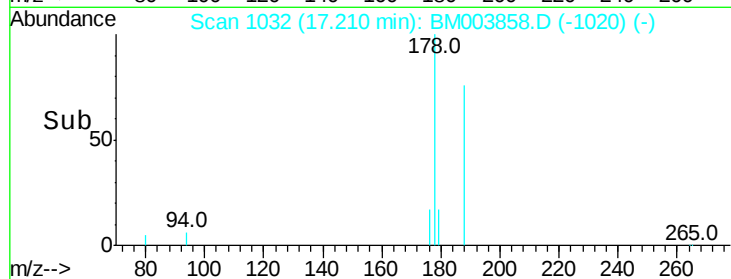
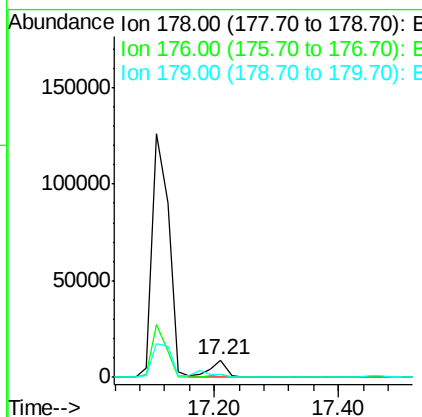
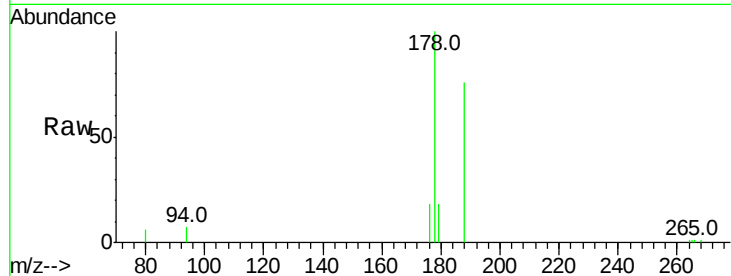
#15
 Anthracene
 Concen: 0.26 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BM003858.D
 Acq: 29 Dec 2015 20:33

Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.0	21.0
179	17.8	12.9	19.3

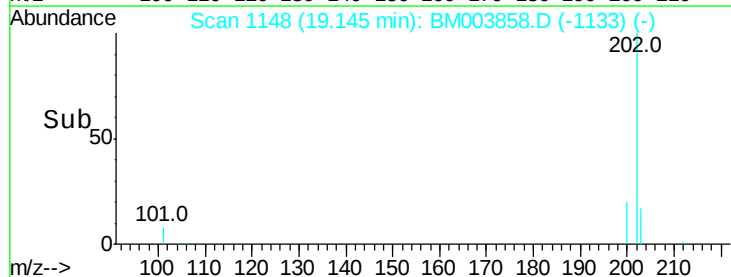
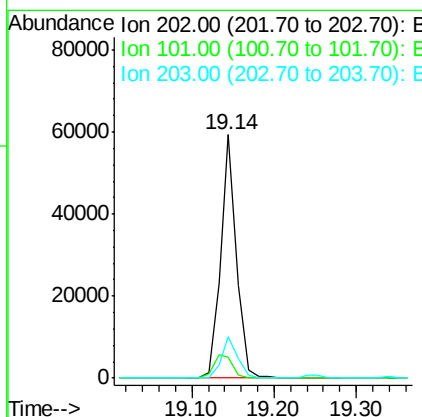
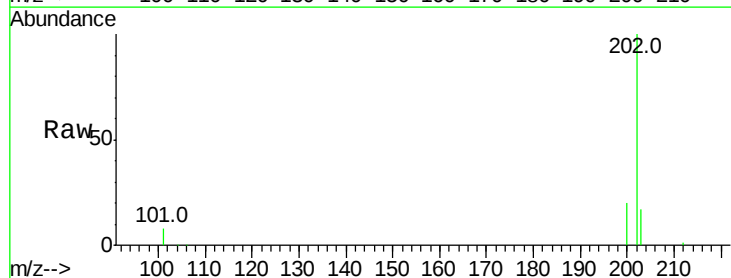
Manual Integrations
 APPROVED

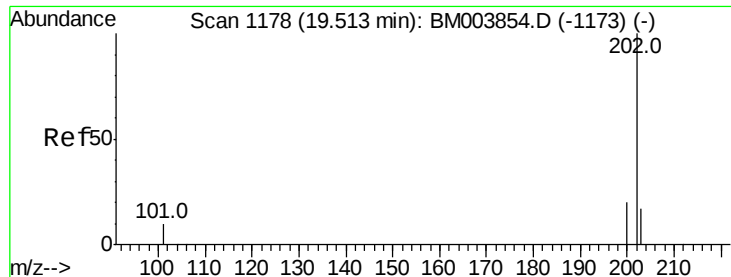
Sohil
 12/30/2015 3:50:56 PM



#17
 Fluoranthene
 Concen: 1.03 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM003858.D
 Acq: 29 Dec 2015 20:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.6
203	17.2	0.0	36.3





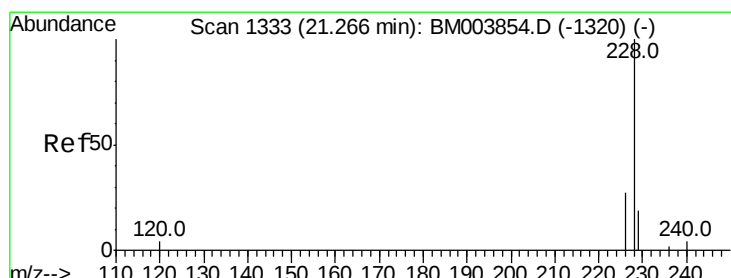
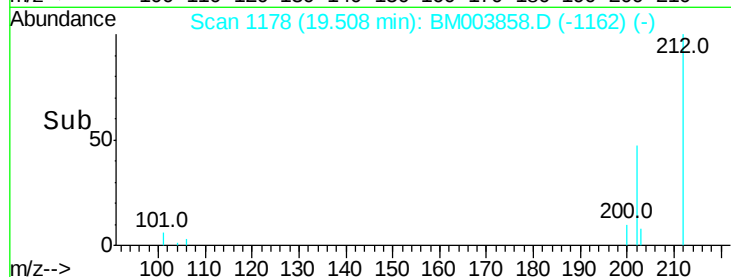
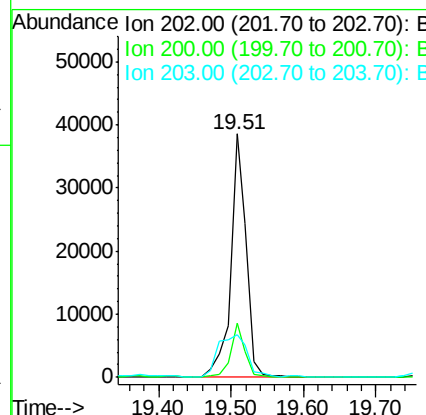
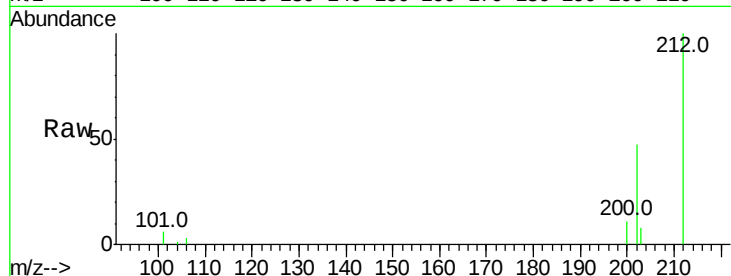
#19
Pvrene
Concen: 0.98 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003858.D
Acq: 29 Dec 2015 20:33

Instrument :
BNA_M
ClientSampleId :
D9N62

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.8
203	17.3	12.8	19.2

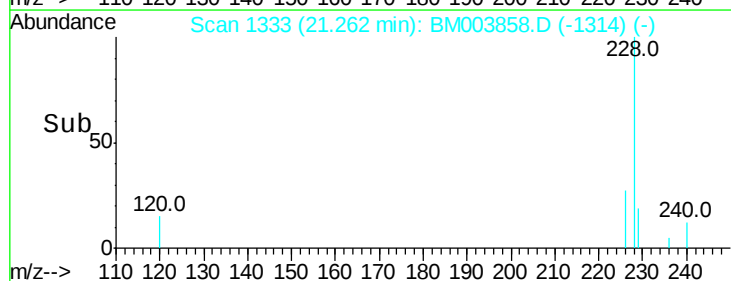
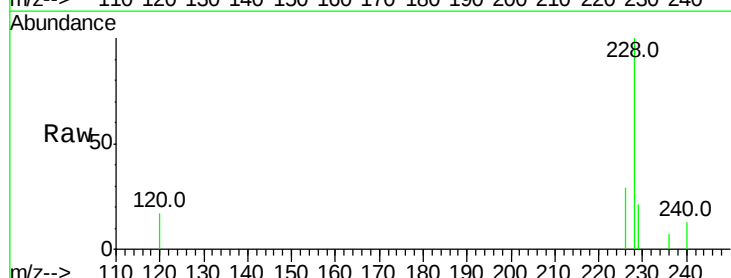
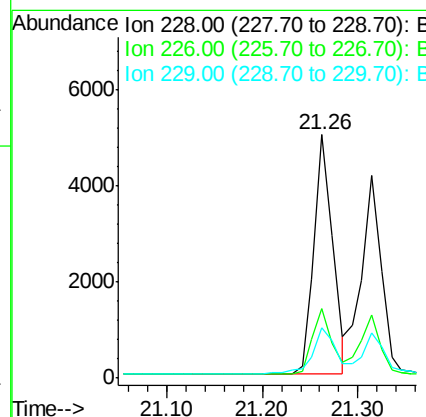
Manual Integrations
APPROVED

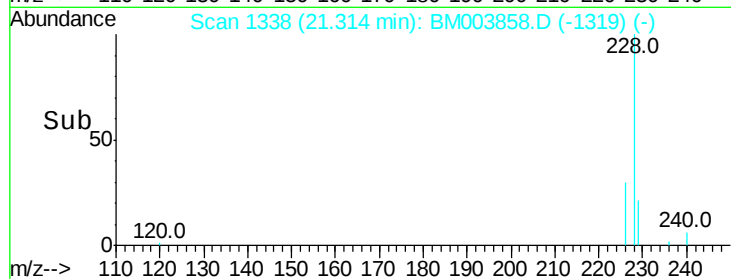
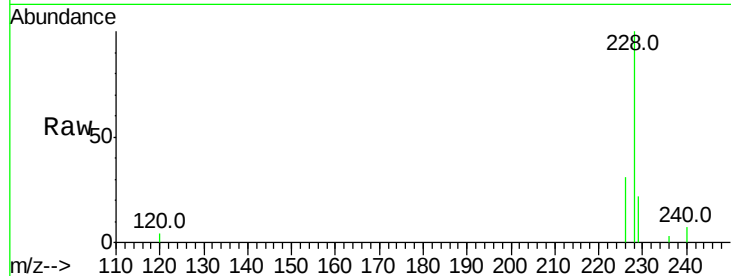
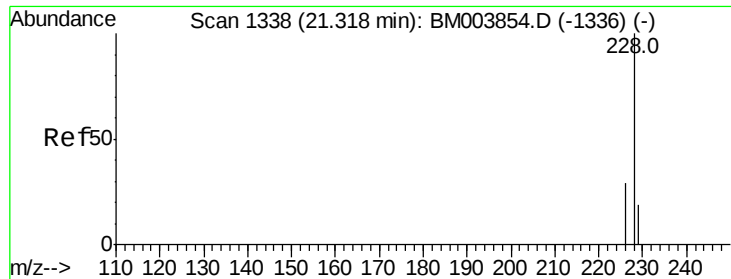
Sohil
12/30/2015 3:50:56 PM



#20
Benzo(a)anthracene
Concen: 0.13 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003858.D
Acq: 29 Dec 2015 20:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	18.8	28.2#
229	20.6	17.1	25.7





#21

Chrysene

Concen: 0.10 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003858.D

Acq: 29 Dec 2015 20:33

Tot Ion:	228	Resp:	6053
Ion Ratio	Lower	Upper	
228	100		
226	31.1	21.2	31.8
229	22.2	17.0	25.6

Instrument :

BNA_M

ClientSampleId :

D9N62

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:56 PM

