

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003847.D
 Acq On : 29 Dec 2015 02:55
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:42:14 PM

Quant Time: Dec 29 15:24:36 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4068	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17830	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10660	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	23864m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	20816	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	14379m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	18167	10.45	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	7013	0.33	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	18381	0.36	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	31971	0.80	ng/ul	Ovalue 97
7) 2-Methylnaphthalene	12.13	142	4287	0.16	ng/ul	98
10) Acenaphthene	14.38	153	7139	0.22	ng/ul#	80
11) Fluorene	15.39	166	11056m	0.30	ng/ul	
14) Phenanthrene	17.11	178	95166m	1.55	ng/ul	
17) Fluoranthene	19.14	202	58255	0.87	ng/ul	99
19) Pyrene	19.51	202	43424	0.77	ng/ul	98
20) Benzo(a)anthracene	21.26	228	7367	0.14	ng/ul#	94
21) Chrysene	21.31	228	6527	0.11	ng/ul	93

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

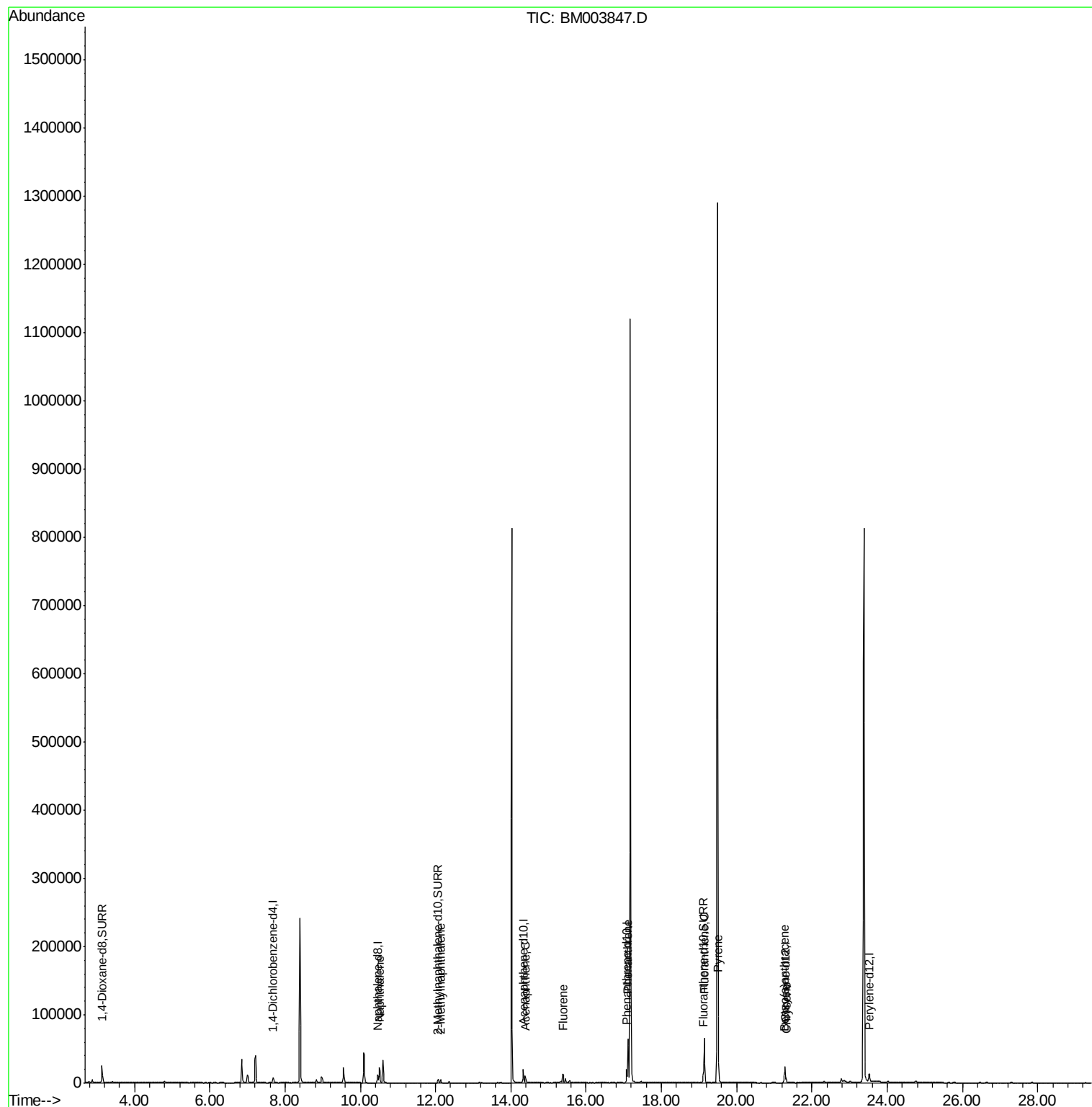
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003847.D
Acq On : 29 Dec 2015 02:55
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

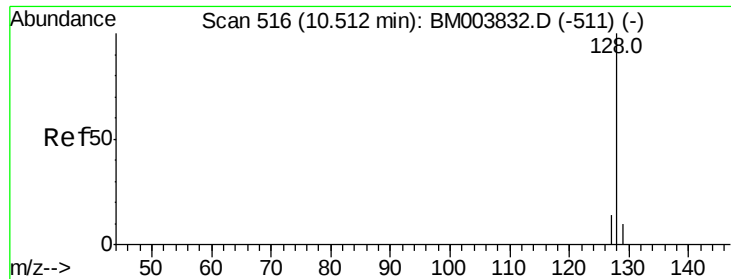
Instrument :
BNA_M
ClientSampleId :
D9N58

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:42:14 PM

Quant Time: Dec 29 15:24:36 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 : Tue Dec 29 08:19:02 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.80 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Instrument :

BNA_M

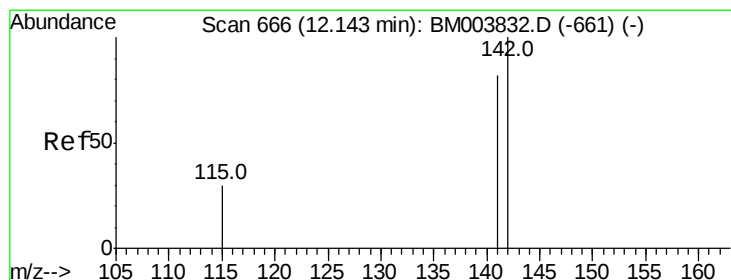
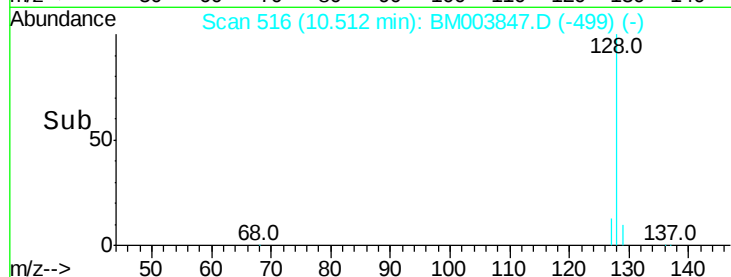
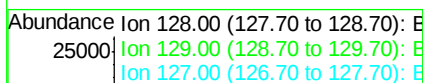
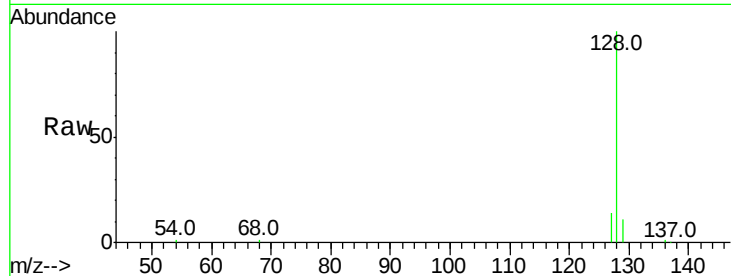
ClientSampleId :

D9N58

Tot Ion:	128	Resp:	31971
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.6	9.6	14.4

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:42:14 PM



#7

2-Methylnaphthalene

Concen: 0.16 ng/ul

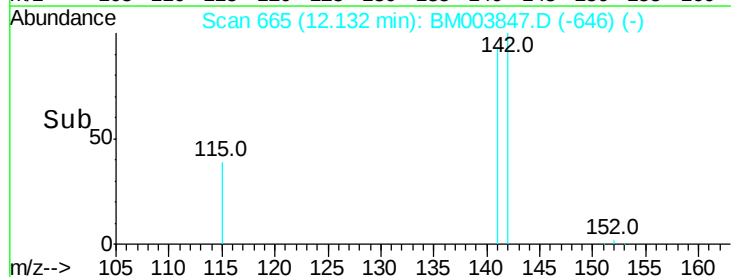
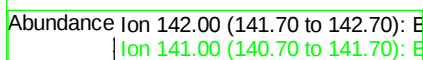
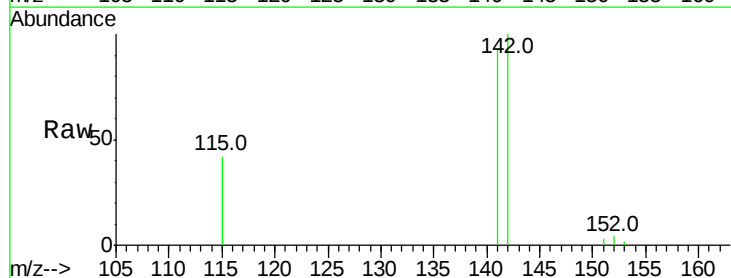
RT: 12.13 min Scan# 665

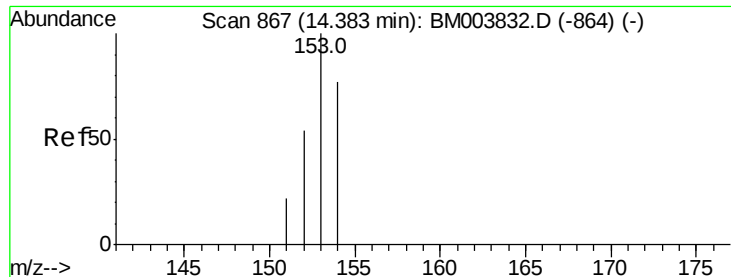
Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Tgt Ion:	142	Resp:	4287
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.3	105.5





#10

Acenaphthene

Concen: 0.22 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Instrument :

BNA_M

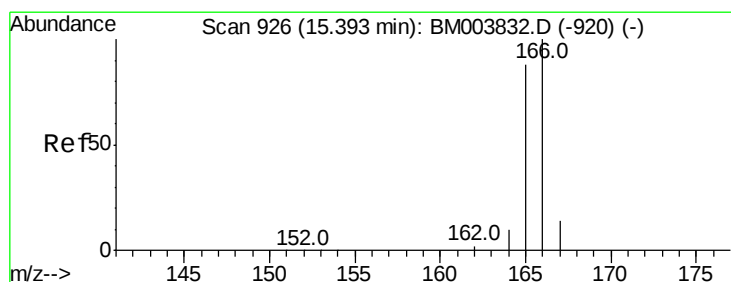
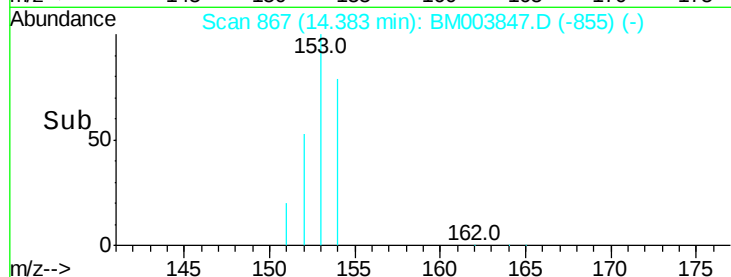
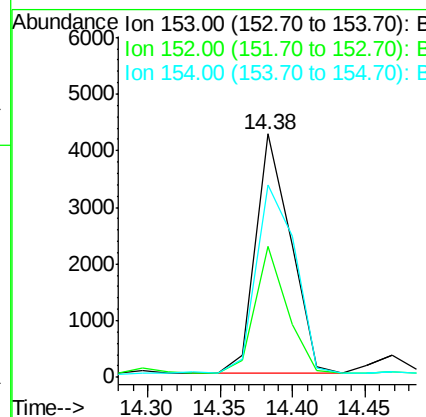
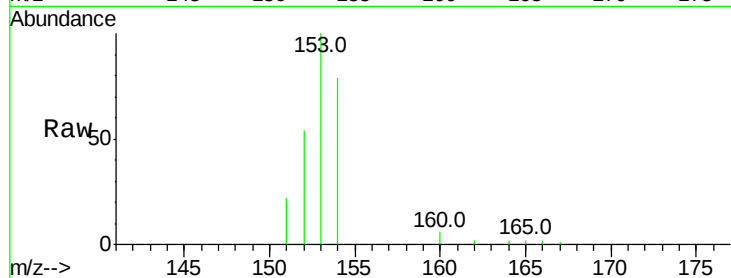
ClientSampleId :

D9N58

Tot Ion:	153	Resp:	7139
Ion Ratio	Lower	Upper	
153	100		
152	53.9	33.9	50.9#
154	79.2	80.6	121.0#

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:42:14 PM



#11

Fluorene

Concen: 0.30 ng/ul m

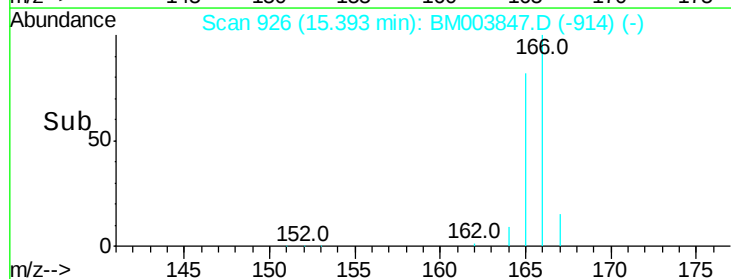
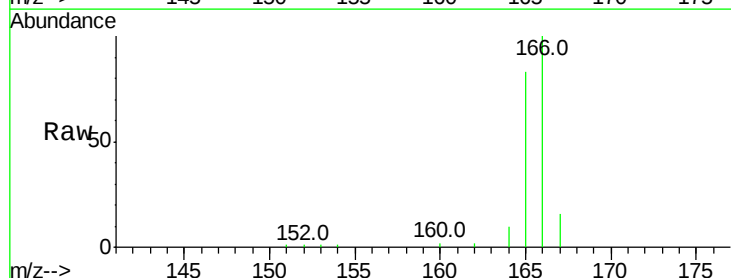
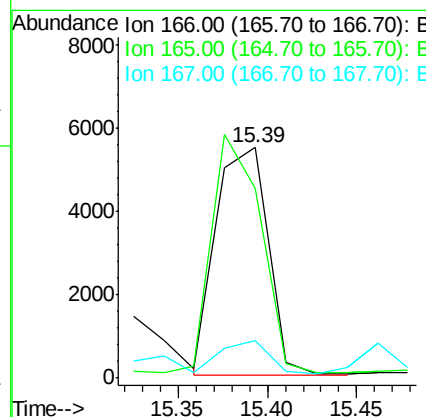
RT: 15.39 min Scan# 926

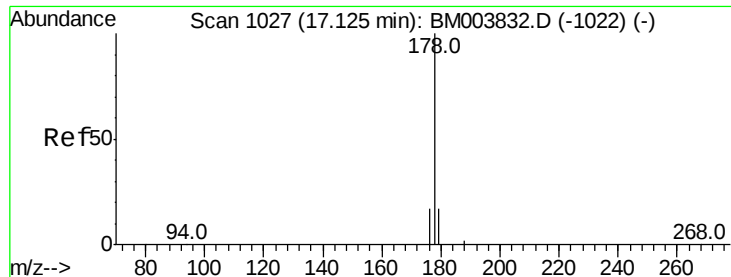
Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Tgt Ion:	166	Resp:	11056
Ion Ratio	Lower	Upper	
166	100		
165	82.7	69.6	104.4
167	16.3	11.9	17.9





#14

Phenanthrene

Concen: 1.55 ng/ul m

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Instrument :

BNA_M

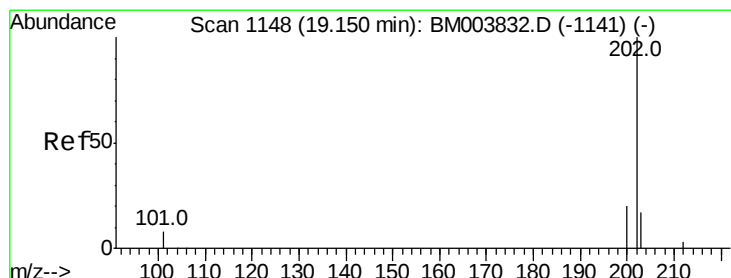
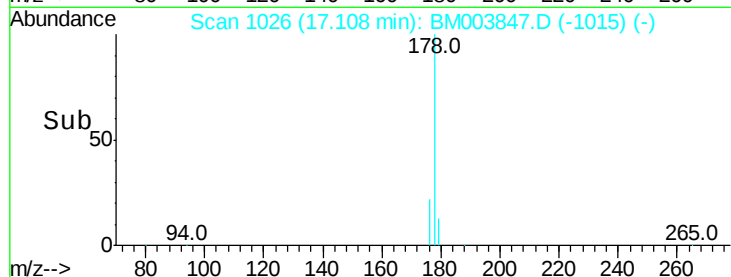
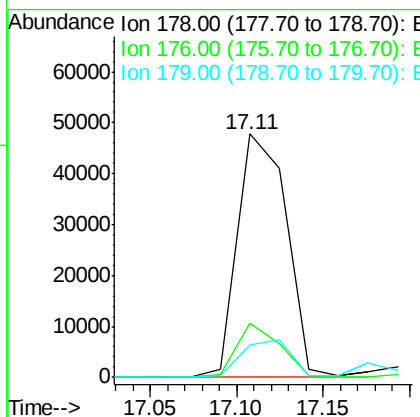
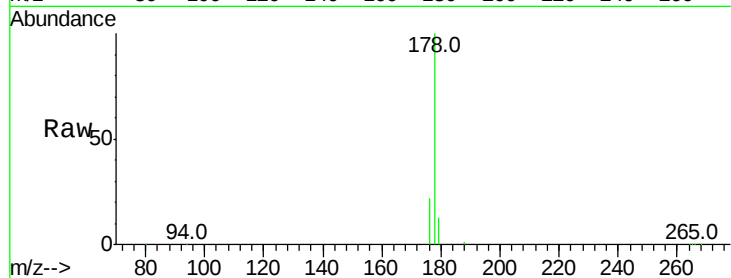
ClientSampleId :

D9N58

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:42:14 PM

Tot Ion:178	Resp:	95166
Ion Ratio	Lower	Upper
178	100	
176	22.1	13.0 19.4#
179	13.4	14.2 21.2#



#17

Fluoranthene

Concen: 0.87 ng/ul

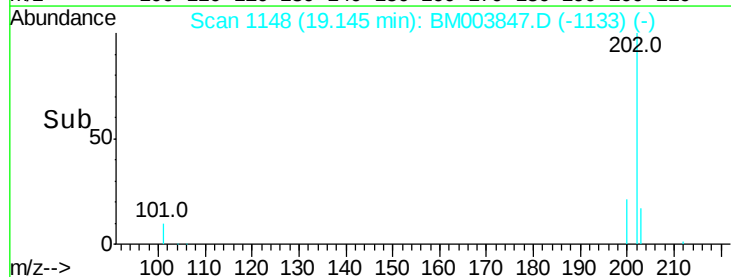
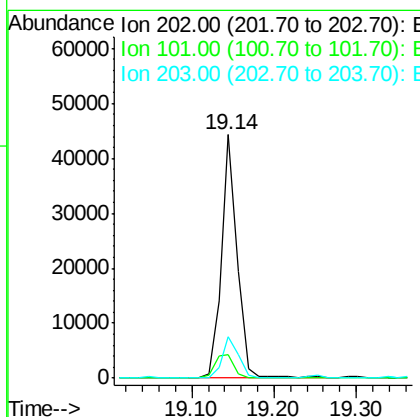
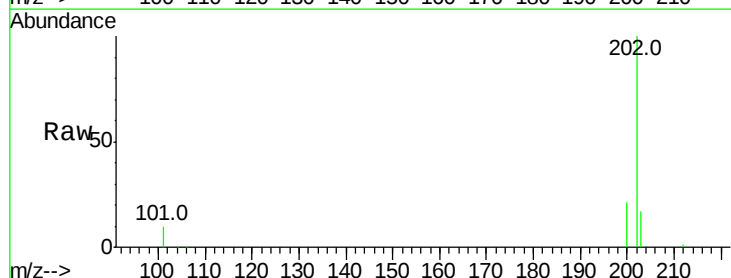
RT: 19.14 min Scan# 1148

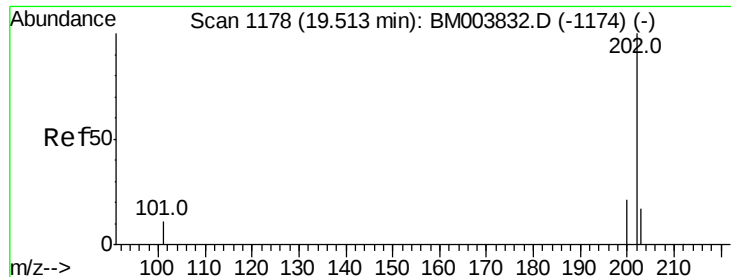
Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Tgt Ion:202	Resp:	58255
Ion Ratio	Lower	Upper
202	100	
101	9.7	0.0 29.6
203	16.9	0.0 36.3





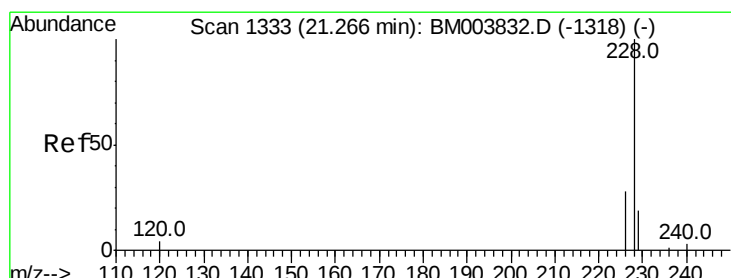
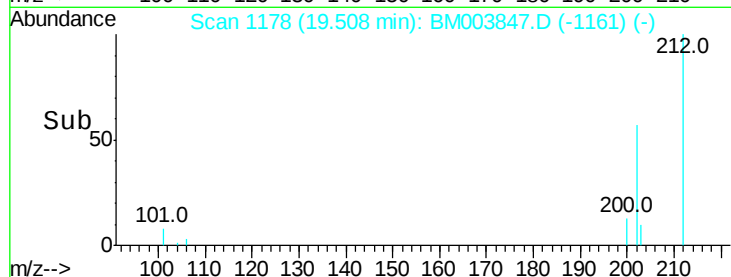
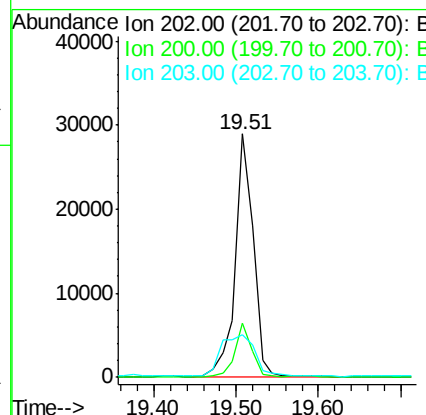
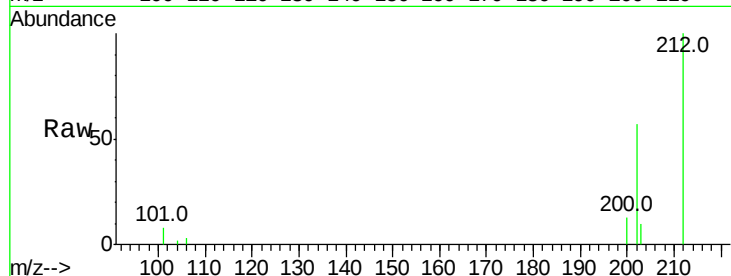
#19
Pvrene
Concen: 0.77 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM003847.D
Acq: 29 Dec 2015 02:55

Instrument :
BNA_M
ClientSampleId :
D9N58

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.8
203	17.7	12.8	19.2

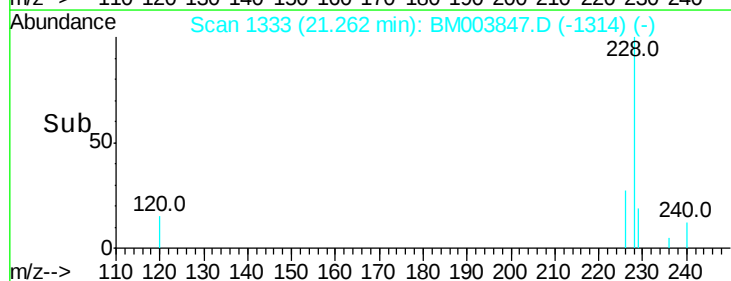
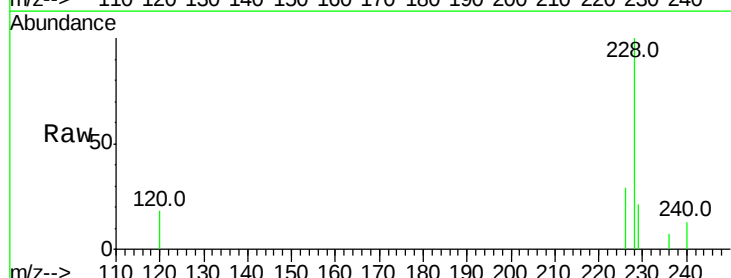
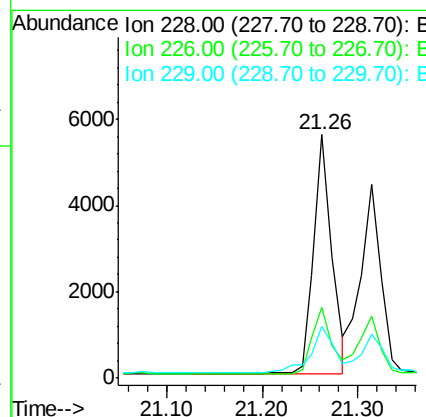
Manual Integrations
APPROVED

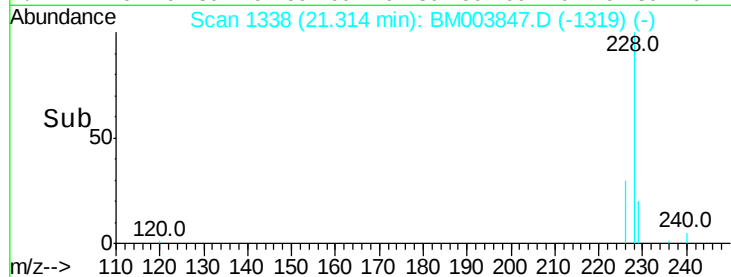
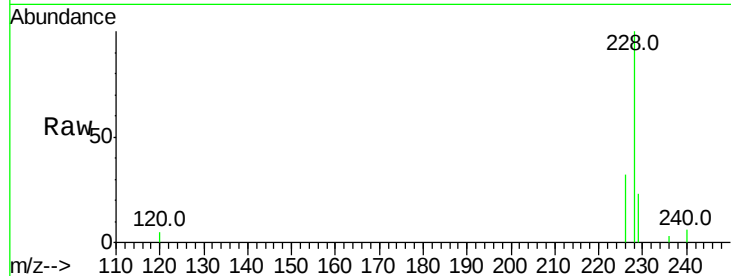
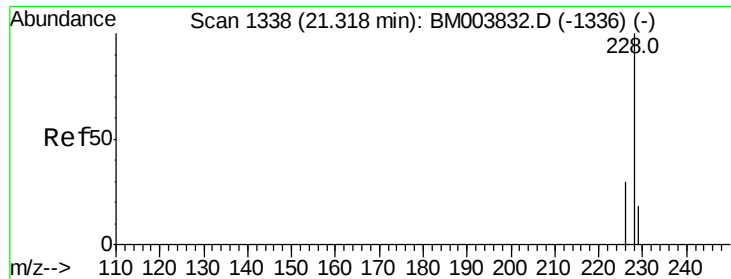
UMANGI
12/29/2015 5:42:14 PM



#20
Benzo(a)anthracene
Concen: 0.14 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003847.D
Acq: 29 Dec 2015 02:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	18.8	28.2#
229	21.3	17.1	25.7





#21

Chrysene

Concen: 0.11 ng/ul

RT: 21.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM003847.D

Acq: 29 Dec 2015 02:55

Tot Ion:	228	Resp:	6527
Ion Ratio	Lower	Upper	
228	100		
226	31.7	21.2	31.8
229	22.8	17.0	25.6

Instrument :

BNA_M

ClientSampleId :

D9N58

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:42:14 PM

