

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003842.D
 Acq On : 28 Dec 2015 23:21
 Operator : SJ/UM
 Sample : G4848-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N52

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 5:41:40 PM

Quant Time: Dec 29 14:59:11 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 07:09:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3637	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15979	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	9877	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	21668m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	18071	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	12040m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	17235	11.09	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	7613	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	21458	0.47	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	14038	0.39	ng/ul	97
7) 2-Methylnaphthalene	12.14	142	2461	0.10	ng/ul	99
10) Acenaphthene	14.38	153	3320	0.11	ng/ul#	80
11) Fluorene	15.39	166	3453	0.10	ng/ul#	97
14) Phenanthrene	17.11	178	17568m	0.31	ng/ul	
17) Fluoranthene	19.14	202	9608	0.16	ng/ul	97

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

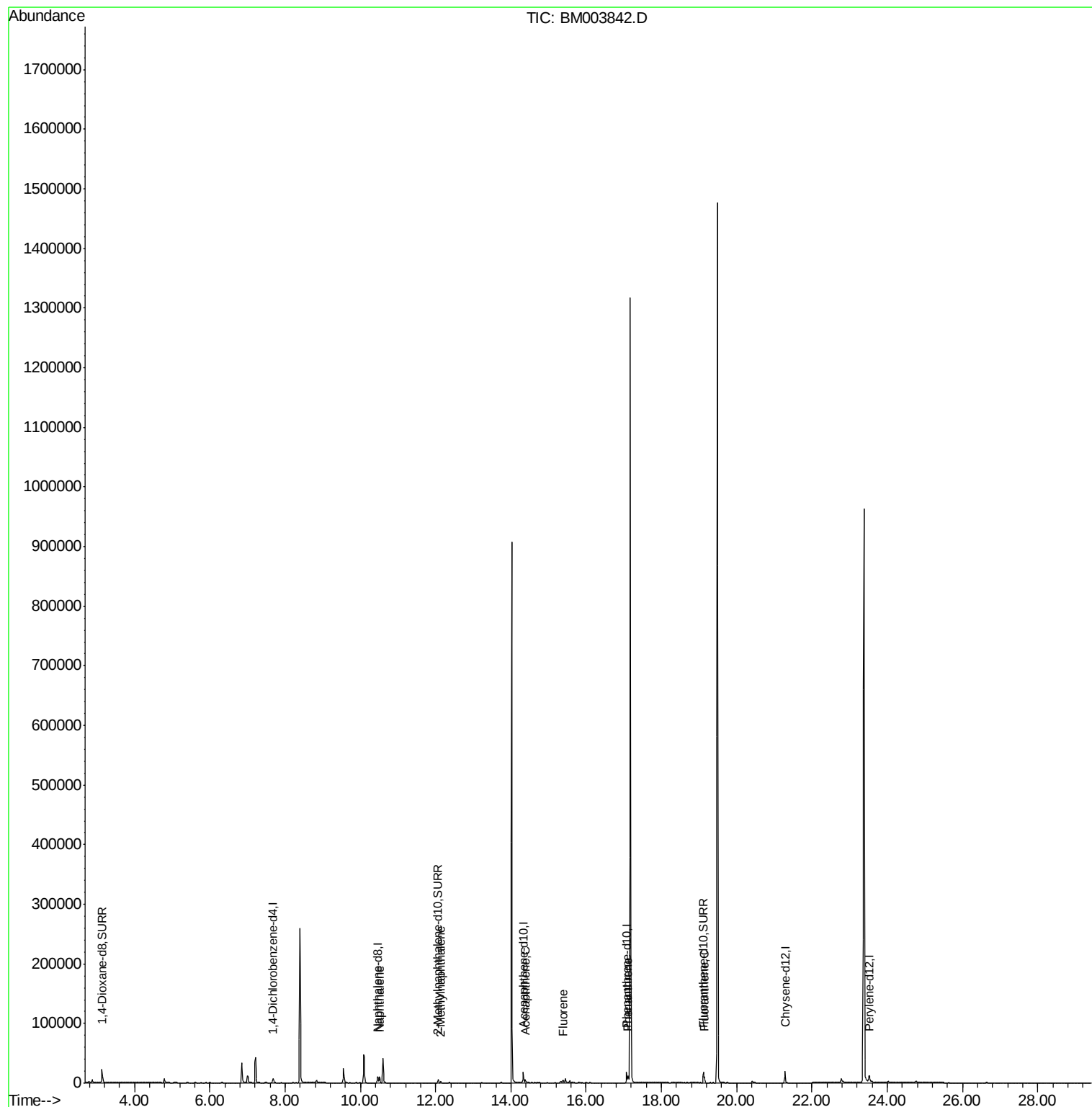
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003842.D
Acq On : 28 Dec 2015 23:21
Operator : SJ/UM
Sample : G4848-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

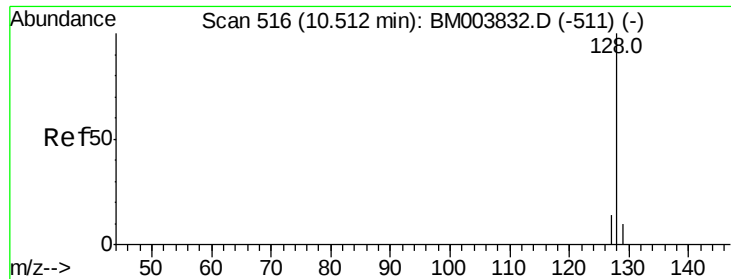
Instrument :
BNA_M
ClientSampleId :
D9N52

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:41:40 PM

Quant Time: Dec 29 14:59:11 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 07:09:39 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.39 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

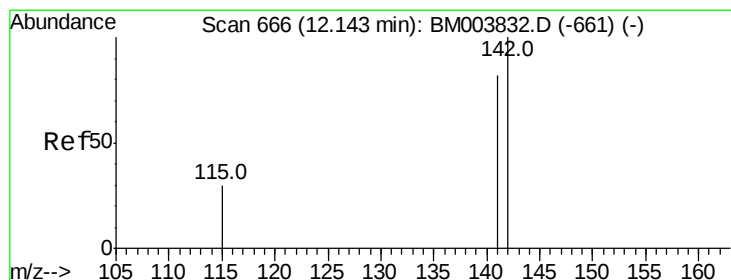
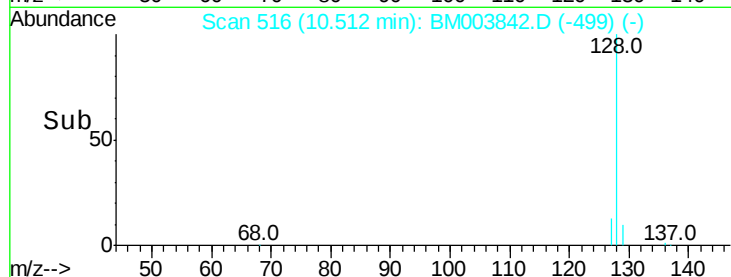
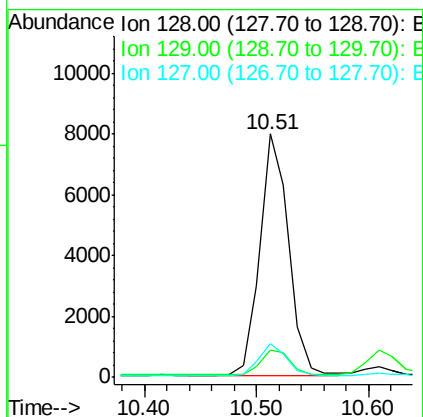
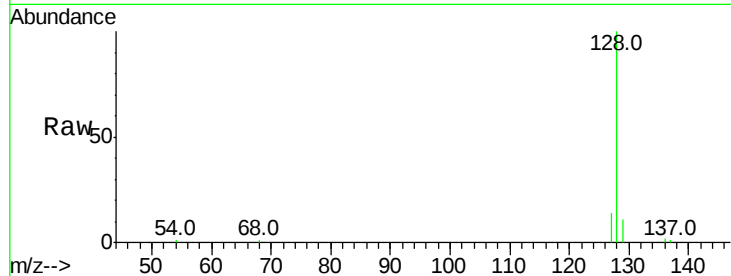
ClientSampleId :

D9N52

Tot Ion:	128	Resp:	14038
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	14.0	9.6	14.4

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:41:40 PM



#7

2-Methylnaphthalene

Concen: 0.10 ng/ul

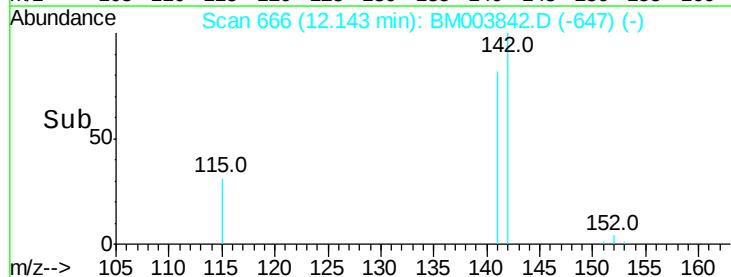
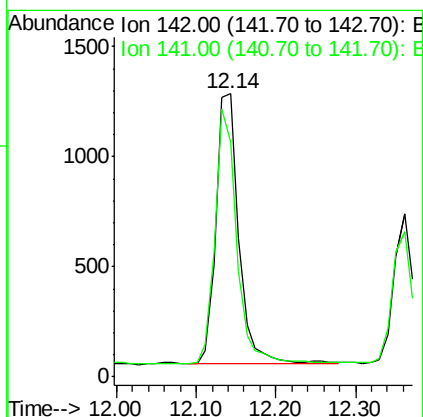
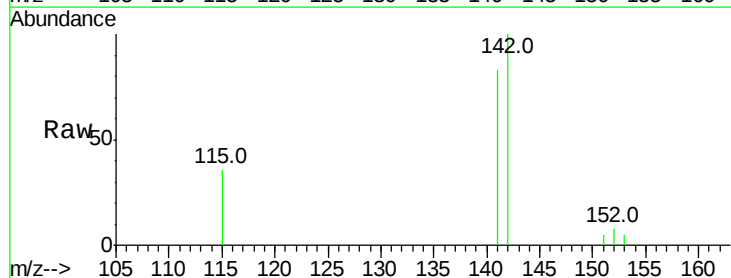
RT: 12.14 min Scan# 666

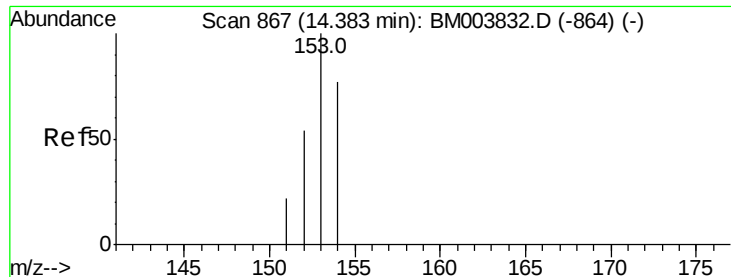
Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Tgt Ion:	142	Resp:	2461
Ion Ratio	Lower	Upper	
142	100		
141	89.3	70.3	105.5





#10

Acenaphthene

Concen: 0.11 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

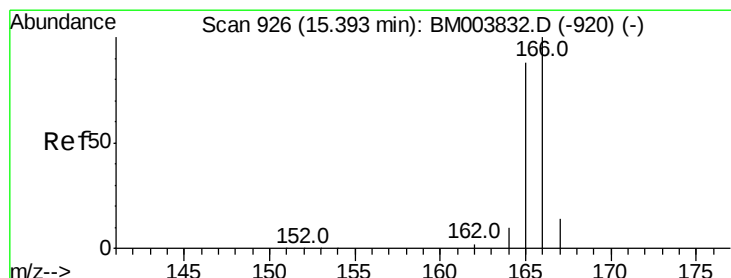
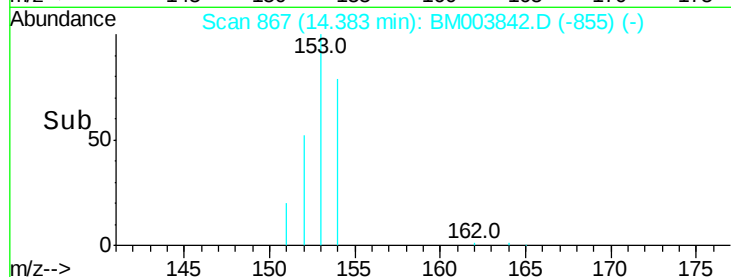
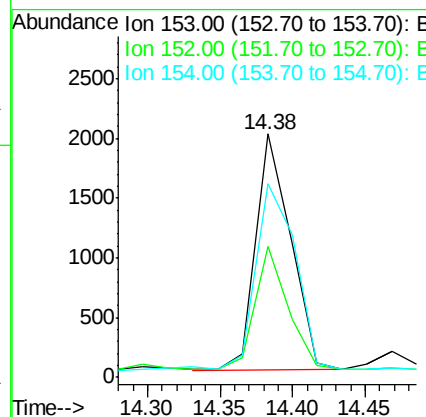
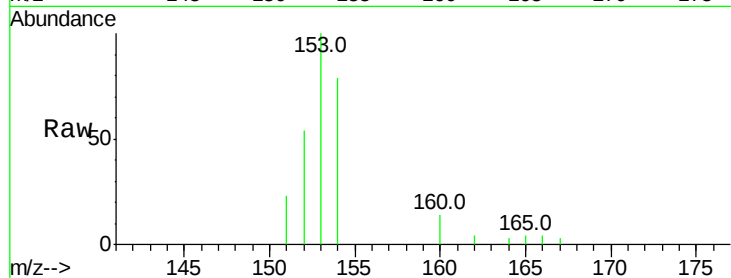
ClientSampleId :

D9N52

Tot Ion:	153	Resp:	3320
Ion Ratio	Lower	Upper	
153	100		
152	54.0	33.9	50.9#
154	79.5	80.6	121.0#

Manual Integrations
APPROVED

UMANGI
12/29/2015 5:41:40 PM



#11

Fluorene

Concen: 0.10 ng/ul

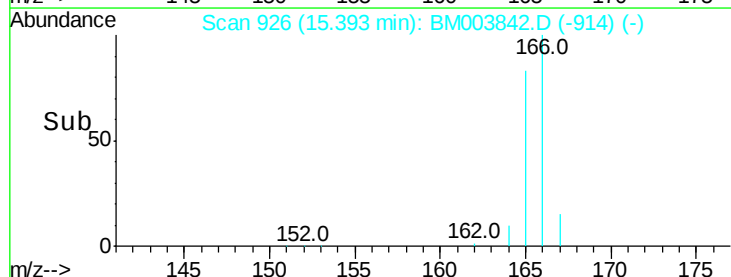
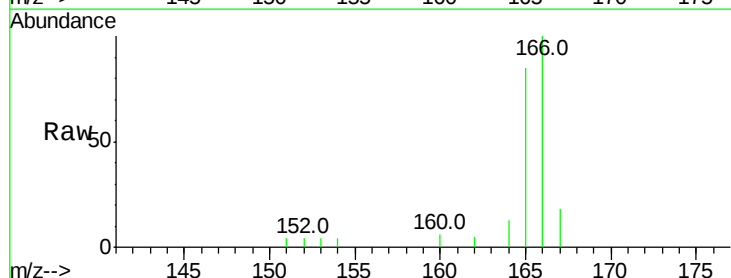
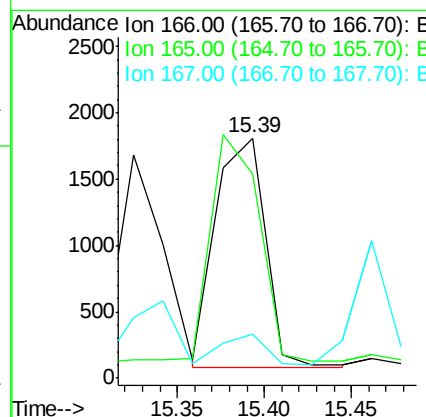
RT: 15.39 min Scan# 926

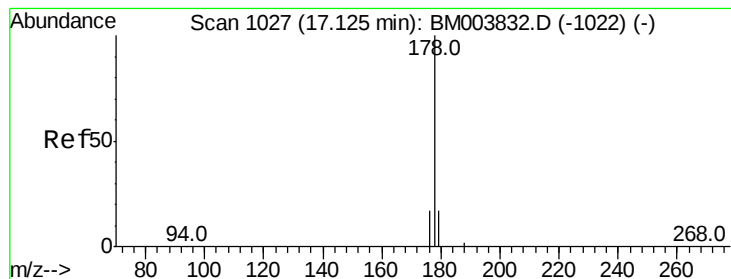
Delta R.T. -0.00 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Tgt Ion:	166	Resp:	3453
Ion Ratio	Lower	Upper	
166	100		
165	84.8	69.6	104.4
167	18.4	11.9	17.9#





#14

Phenanthrene

Concen: 0.31 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

Instrument :

BNA_M

ClientSampleId :

D9N52

Tot Ion:178 Resp: 17568

Ion Ratio Lower Upper

178 100

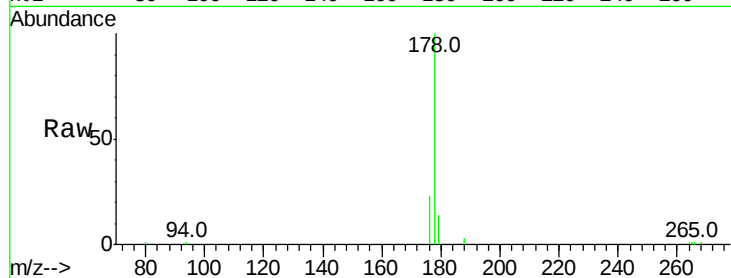
176 23.0 13.0 19.4#

179 14.0 14.2 21.2#

Manual Integrations
APPROVED

UMANGI

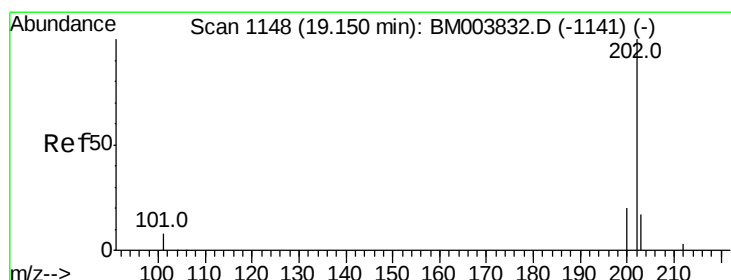
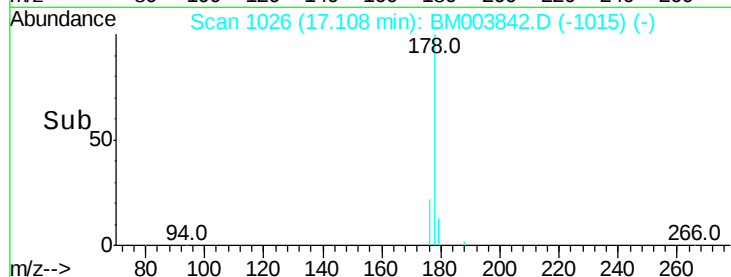
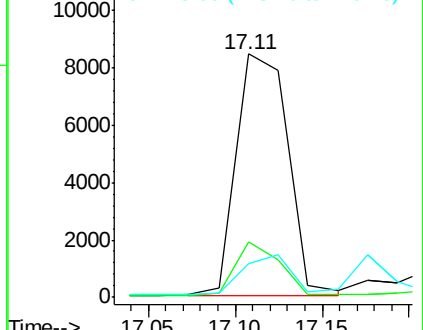
12/29/2015 5:41:40 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.16 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM003842.D

Acq: 28 Dec 2015 23:21

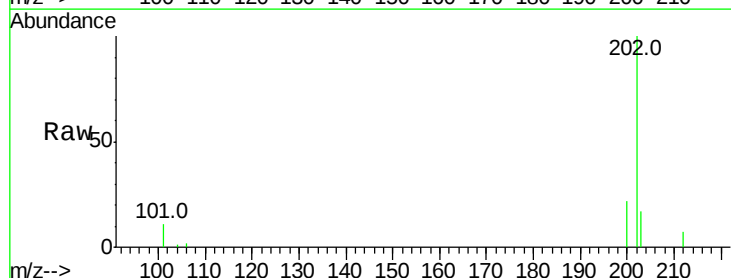
Tgt Ion:202 Resp: 9608

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.6

203 17.5 0.0 36.3



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

