

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008245.D
 Acq On : 10 Dec 2016 22:53
 Operator : UM/SJ
 Sample : H5905-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA818

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:34 PM

Quant Time: Dec 12 11:35:46 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1027	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2769	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	5587	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	3777m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2528	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2204	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1572	0.40	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	3367m	0.31	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.51	128	713259	92.11	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	1342090	268.87	ng/ul	98
7) Acenaphthylene	14.04	152	26660	1.05	ng/ul#	10
8) Acenaphthene	14.38	153	76226	3.96	ng/ul	91
9) Fluorene	15.39	166	175198	7.92	ng/ul	95
12) Phenanthrene	17.11	178	62308	5.30	ng/ul	97
13) Anthracene	17.21	178	17396m	1.57	ng/ul	
15) Fluoranthene	19.14	202	8702	0.57	ng/ul	85
17) Pyrene	19.51	202	8805	1.00	ng/ul#	88

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

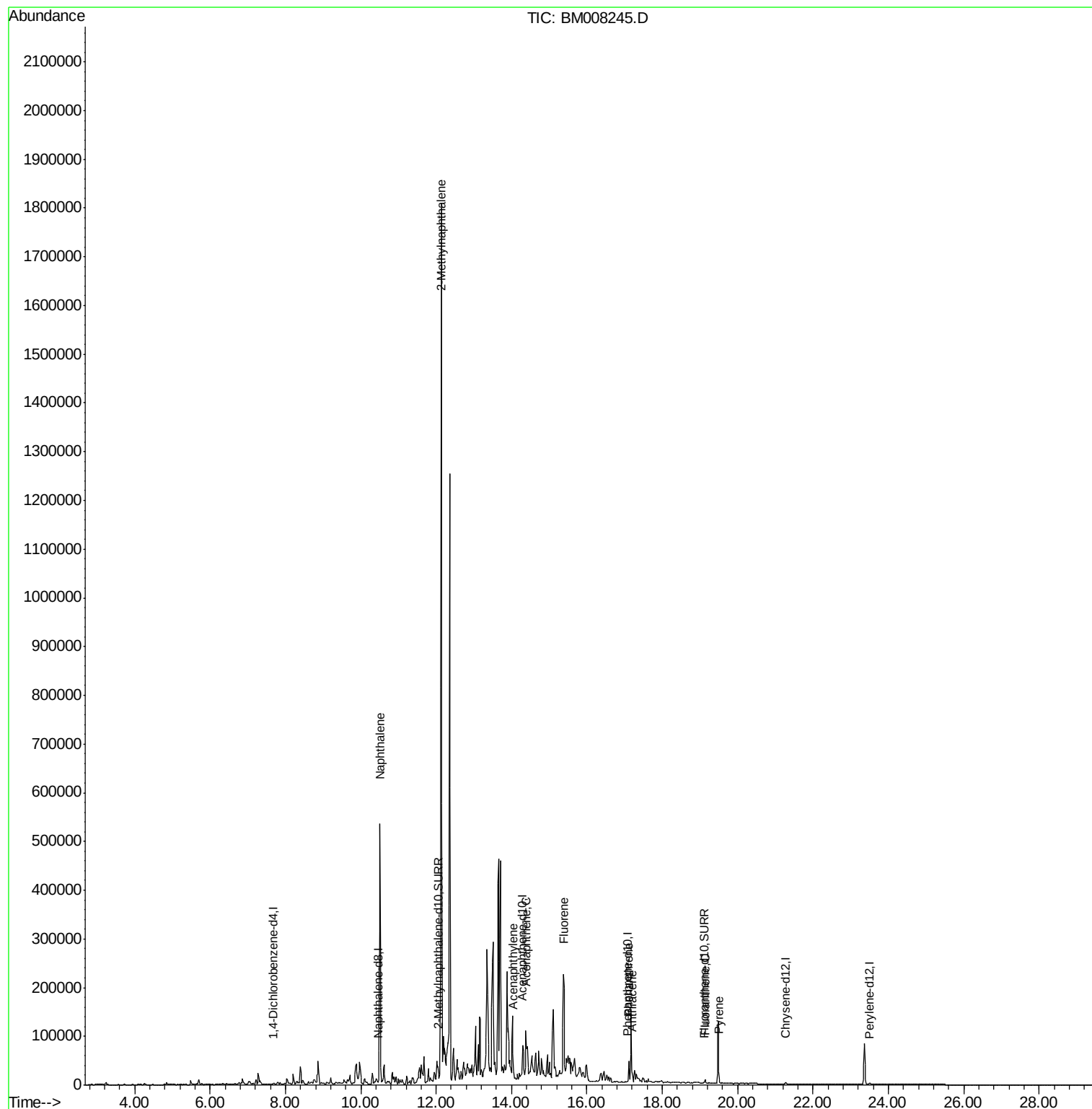
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008245.D
Acq On : 10 Dec 2016 22:53
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

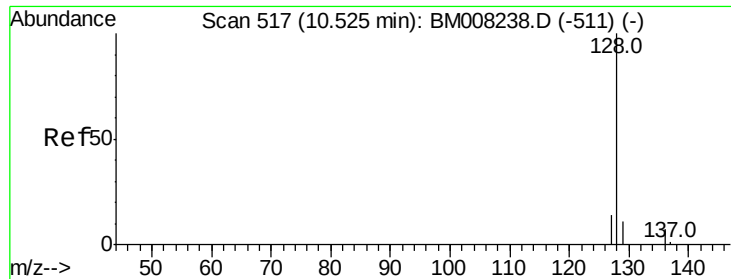
Instrument :
BNA_M
ClientSampleId :
DA818

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:34 PM

Quant Time: Dec 12 11:35:46 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration





#3

Naphthalene

Concen: 92.11 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

Instrument :

BNA_M

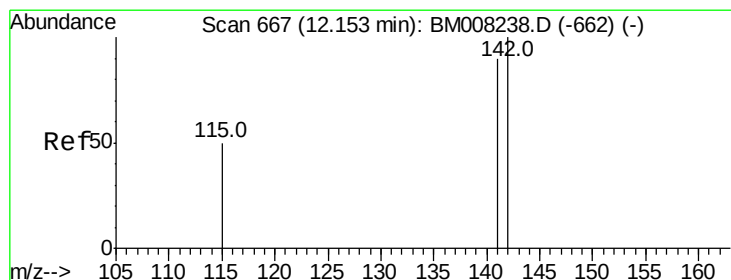
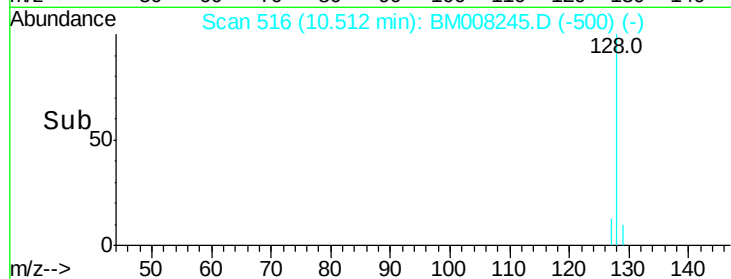
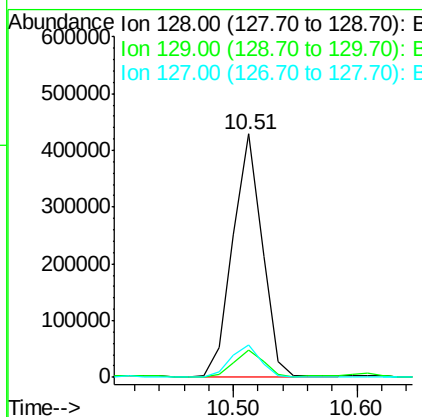
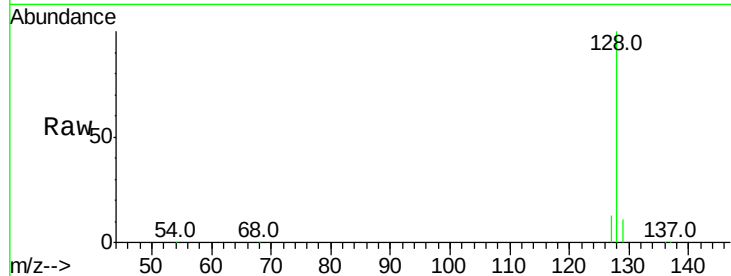
ClientSampleId :

DA818

Tot Ion:	128	Resp:	713259
Ion Ratio	Lower	Upper	
128	100		
129	11.3	11.3	16.9
127	13.2	12.8	19.2

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:34 PM



#5

2-Methylnaphthalene

Concen: 268.87 ng/ul

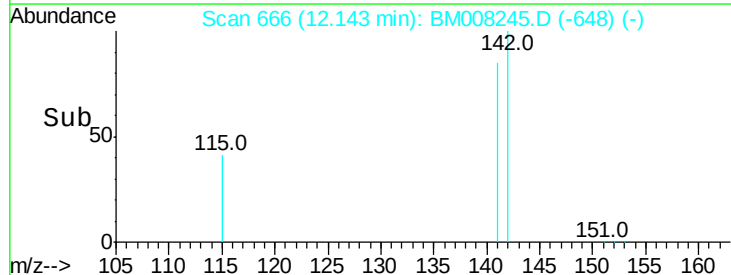
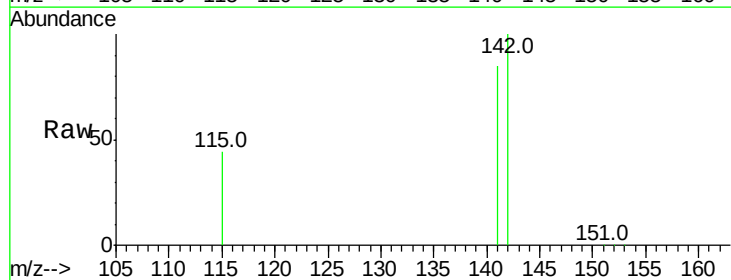
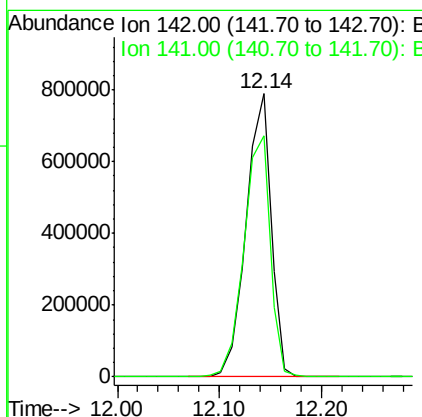
RT: 12.14 min Scan# 666

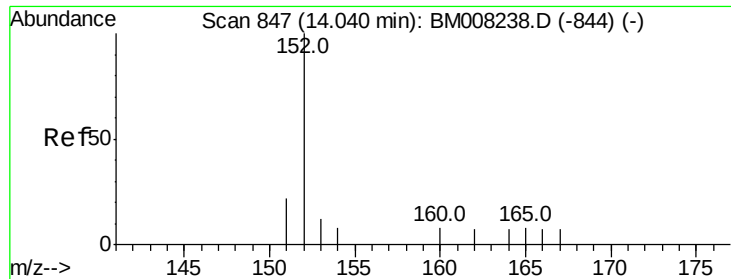
Delta R.T. -0.01 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

Tgt Ion:	142	Resp:	1342090
Ion Ratio	Lower	Upper	
142	100		
141	89.1	72.6	108.8





#7

Acenaphthylene

Concen: 1.05 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

Instrument :

BNA_M

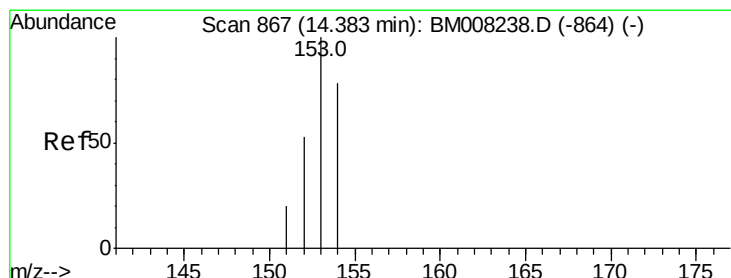
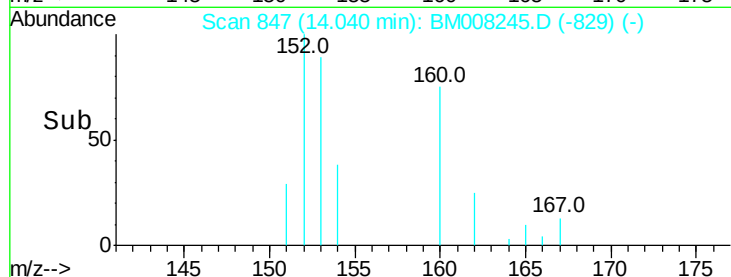
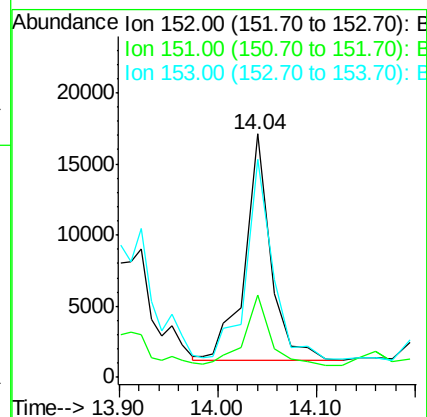
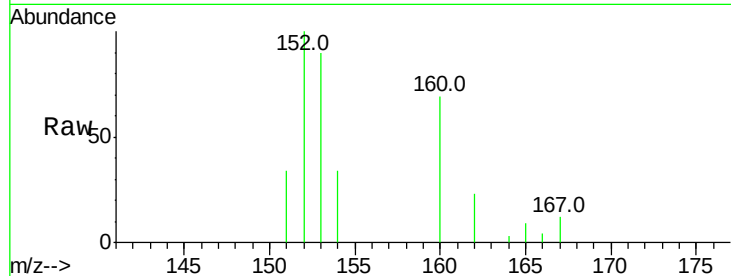
ClientSampled :

DA818

Tot Ion:	152	Resp:	26660
Ion Ratio	Lower	Upper	
152	100		
151	34.1	17.1	25.7#
153	89.6	12.8	19.2#

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:34 PM



#8

Acenaphthene

Concen: 3.96 ng/ul

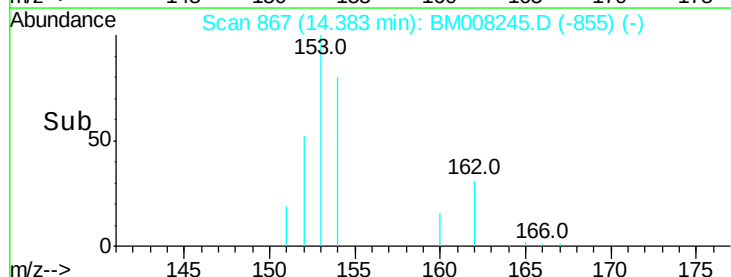
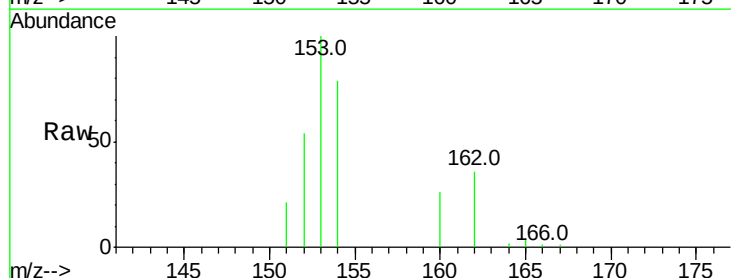
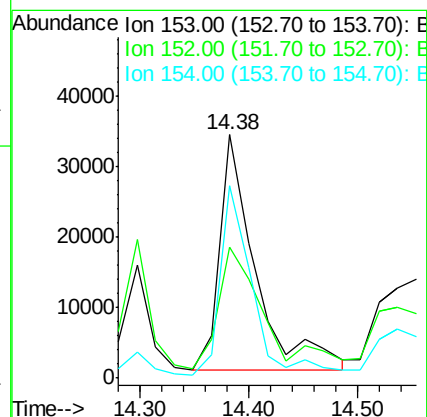
RT: 14.38 min Scan# 867

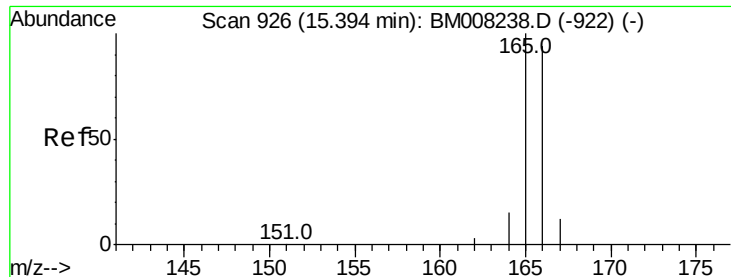
Delta R.T. -0.00 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

Tgt Ion:	153	Resp:	76226
Ion Ratio	Lower	Upper	
153	100		
152	53.6	40.3	60.5
154	79.0	71.4	107.2





#9

Fluorene

Concen: 7.92 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

Instrument :

BNA_M

ClientSampleId :

DA818

Tot Ion:166 Resp: 175198

Ion Ratio Lower Upper

166 100

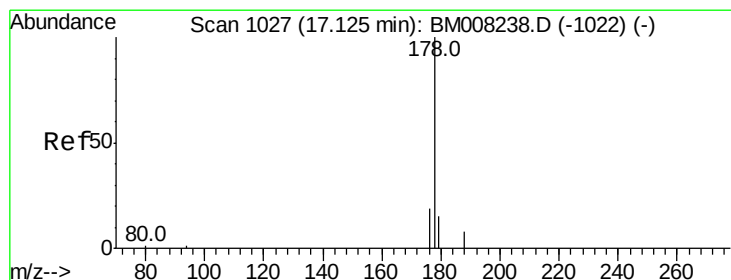
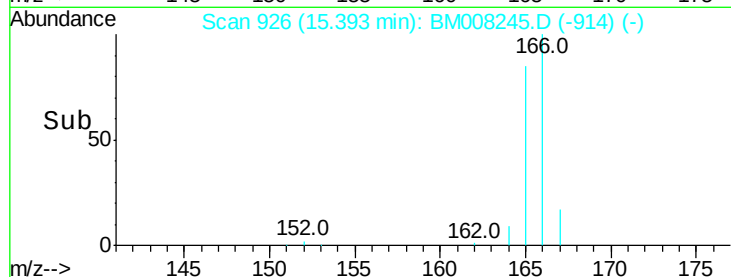
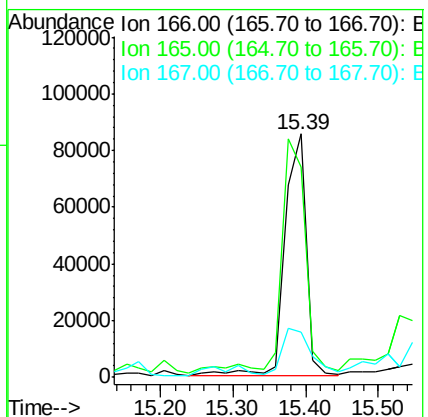
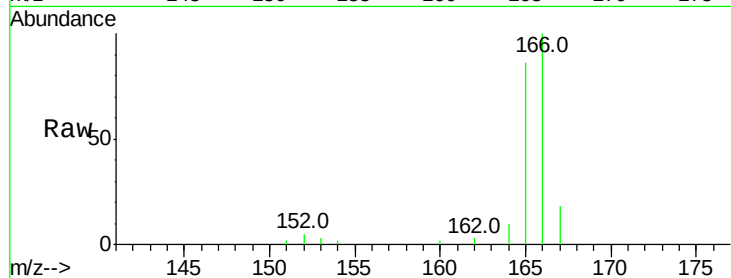
165 86.2 73.4 110.2

167 18.4 14.6 22.0

Manual Integrations
APPROVED

UMANGI

12/12/2016 6:50:34 PM



#12

Phenanthrene

Concen: 5.30 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008245.D

Acq: 10 Dec 2016 22:53

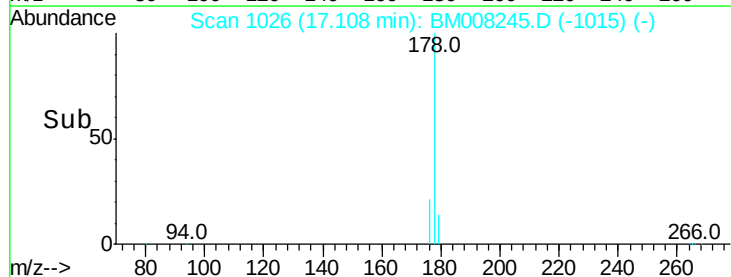
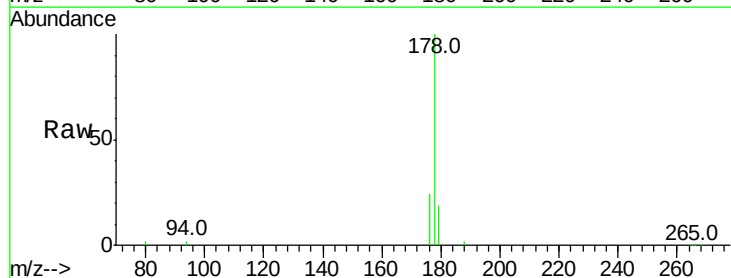
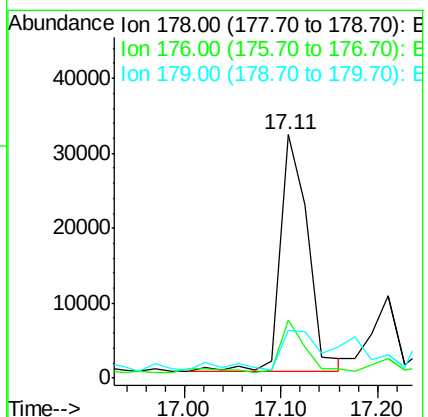
Tgt Ion:178 Resp: 62308

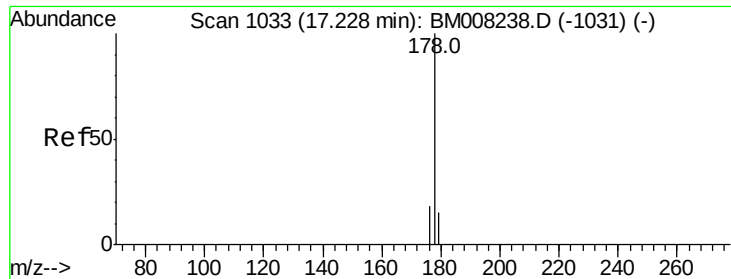
Ion Ratio Lower Upper

178 100

176 23.7 18.4 27.6

179 19.5 13.6 20.4





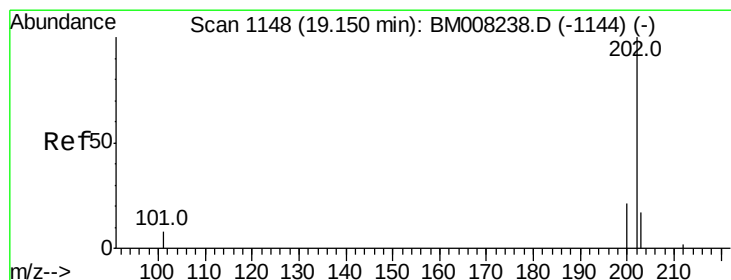
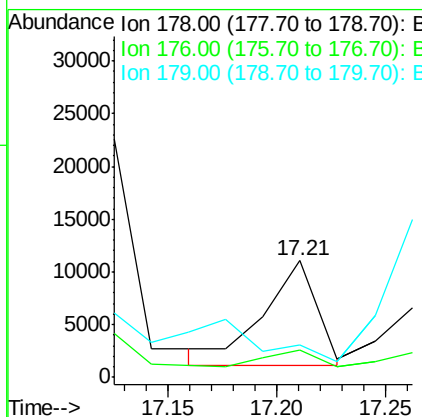
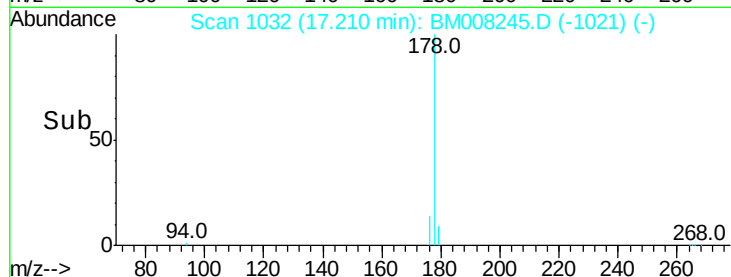
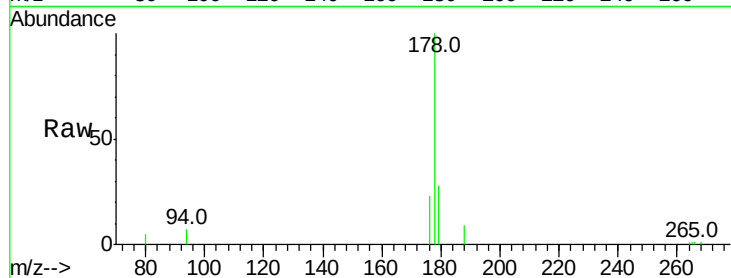
#13
 Anthracene
 Concen: 1.57 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008245.D
 Acq: 10 Dec 2016 22:53

Instrument :
 BNA_M
 ClientSampleId :
 DA818

Tot Ion:178 Resp: 17396
 Ion Ratio Lower Upper
 178 100
 176 23.0 18.1 27.1
 179 27.7 14.7 22.1#

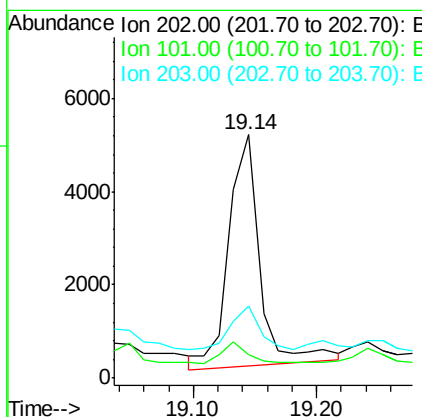
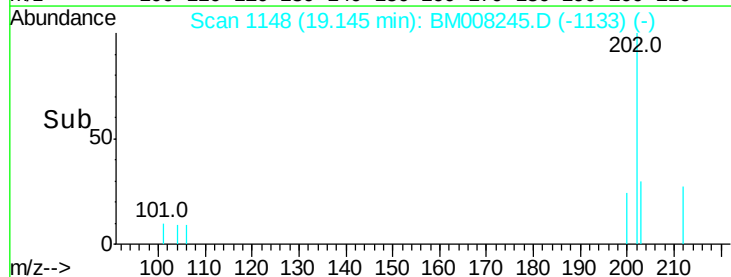
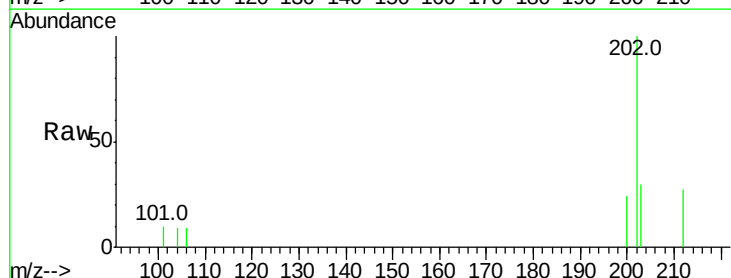
Manual Integrations
 APPROVED

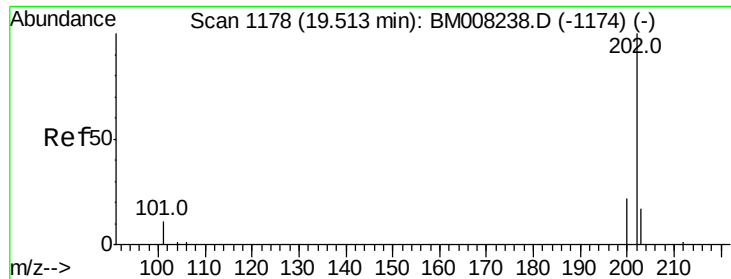
UMANGI
 12/12/2016 6:50:34 PM



#15
 Fluoranthene
 Concen: 0.57 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM008245.D
 Acq: 10 Dec 2016 22:53

Tgt Ion:202 Resp: 8702
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 30.3
 203 29.8 0.0 39.5





#17
 Pvrene
 Concen: 1.00 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM008245.D
 Acq: 10 Dec 2016 22:53

Instrument :
 BNA_M
 ClientSampleId :
 DA818

Tot Ion:	202	Resp:	8805
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.2	27.4
203	29.4	15.6	23.4

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:34 PM

