

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008244.D
 Acq On : 10 Dec 2016 22:17
 Operator : UM/SJ
 Sample : H5905-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA817

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:33 PM

Quant Time: Dec 12 11:29:48 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	942	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2612	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	3840	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	2788m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2092	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2053	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1208	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1839m	0.23	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.51	128	439983	60.23	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	775557	164.71	ng/ul	98
7) Acenaphthylene	14.04	152	14695	0.85	ng/ul#	7
8) Acenaphthene	14.38	153	40357	3.05	ng/ul	97
9) Fluorene	15.38	166	84651	5.57	ng/ul	84
12) Phenanthrene	17.11	178	32019	3.69	ng/ul	96
13) Anthracene	17.21	178	7669m	0.94	ng/ul	
15) Fluoranthene	19.14	202	4397	0.39	ng/ul	82
17) Pyrene	19.51	202	4564	0.63	ng/ul#	87

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

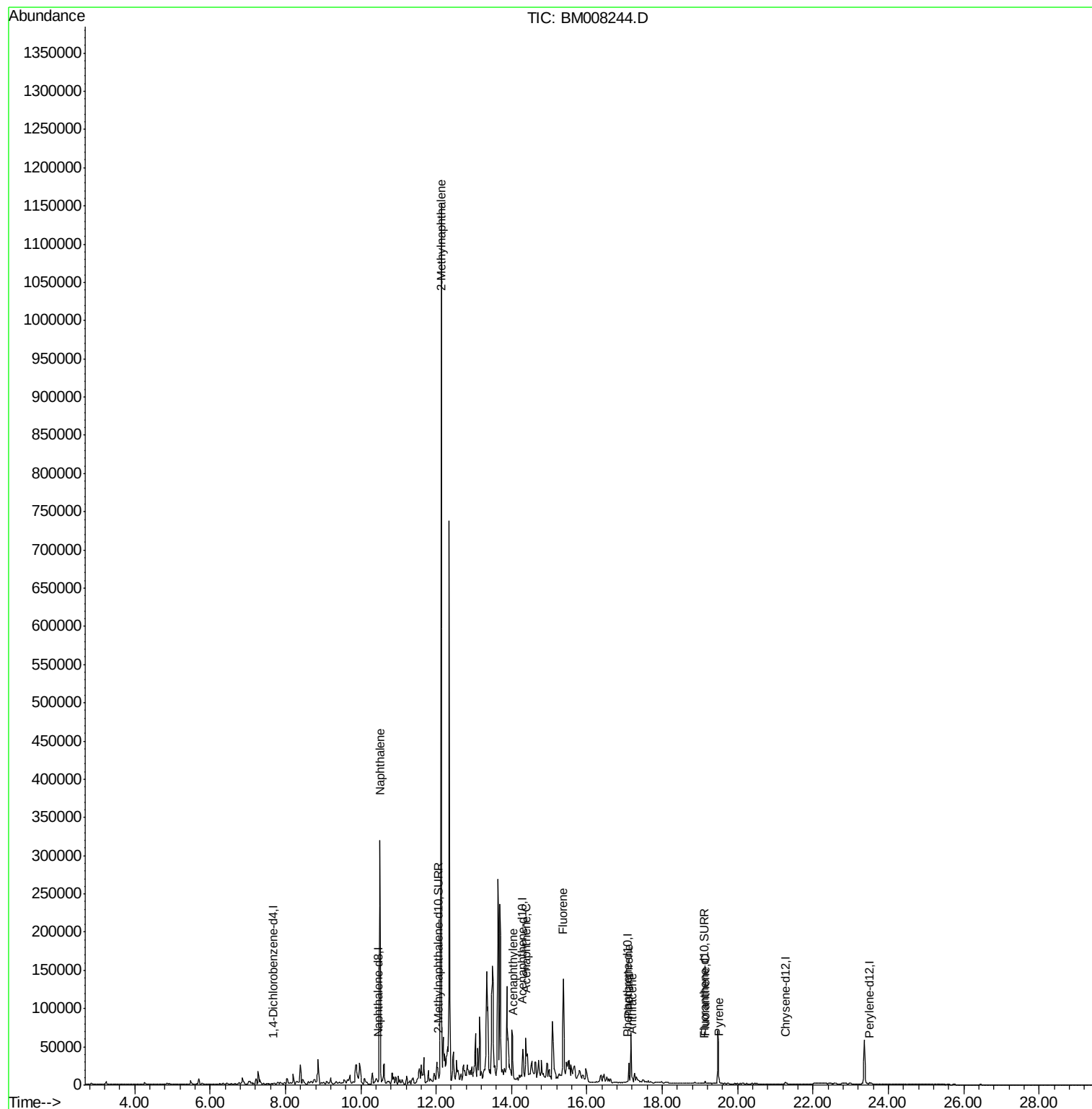
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008244.D
Acq On : 10 Dec 2016 22:17
Operator : UM/SJ
Sample : H5905-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

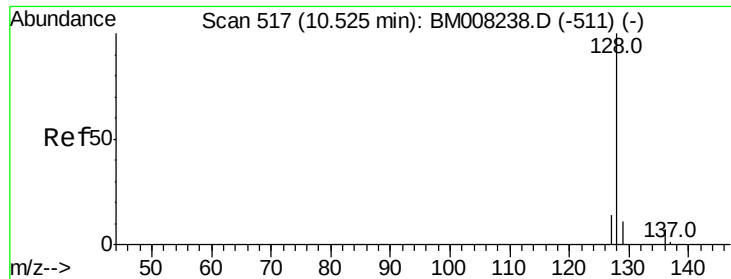
Instrument :
BNA_M
ClientSampleId :
DA817

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:33 PM

Quant Time: Dec 12 11:29:48 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: 60.23 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

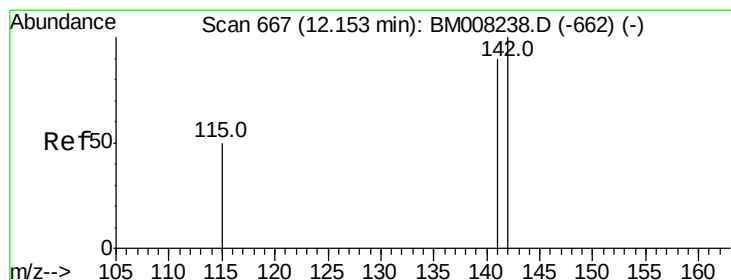
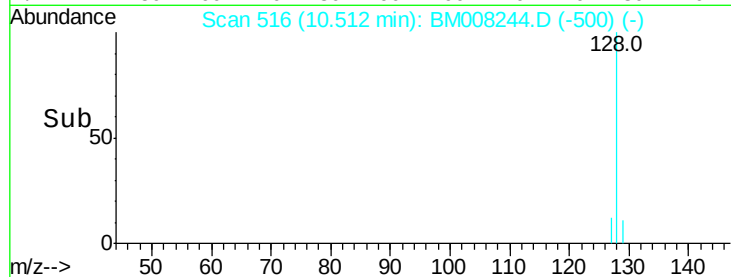
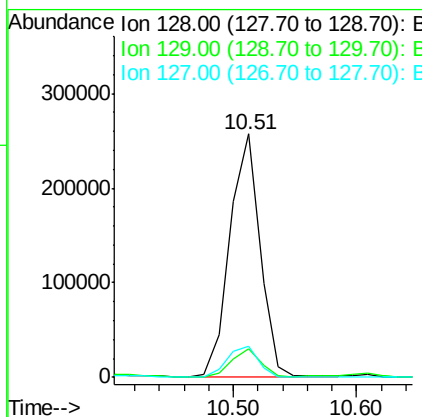
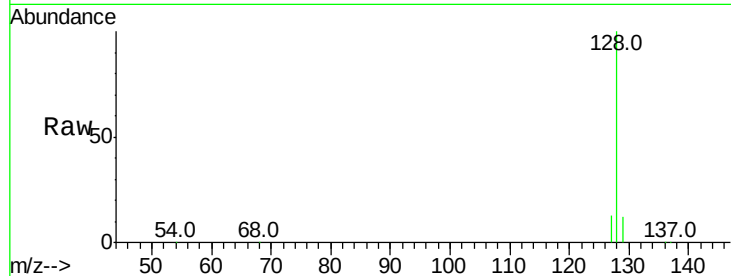
ClientSampleId :

DA817

Tot Ion:	128	Resp:	439983
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	12.6	12.8	19.2#

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:33 PM



#5

2-Methylnaphthalene

Concen: 164.71 ng/ul

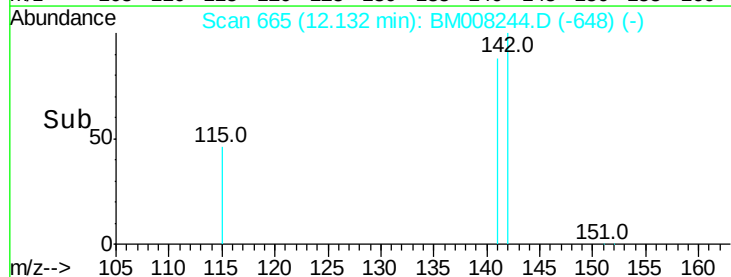
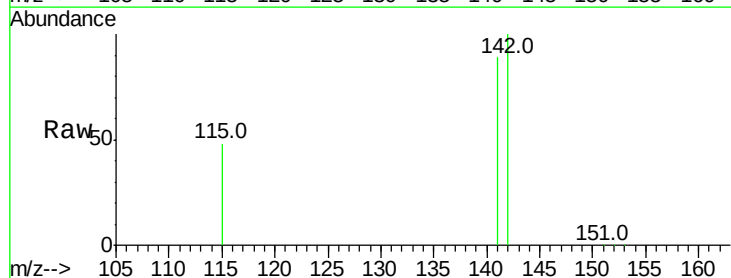
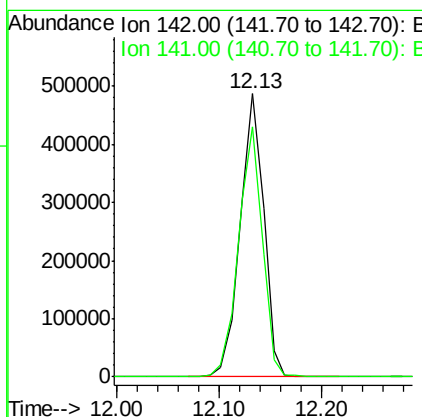
RT: 12.13 min Scan# 665

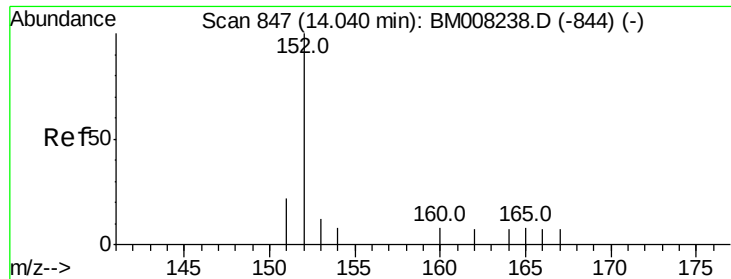
Delta R.T. -0.02 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Tgt Ion:	142	Resp:	775557
Ion Ratio	Lower	Upper	
142	100		
141	89.2	72.6	108.8





#7

Acenaphthylene

Concen: 0.85 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

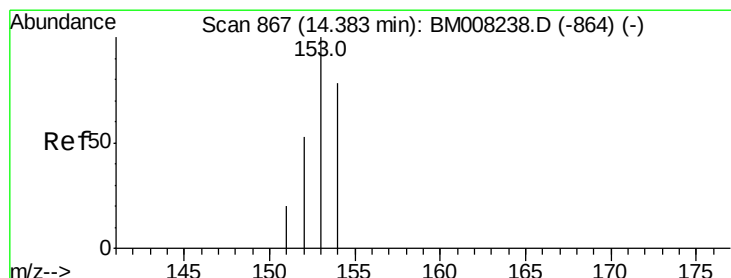
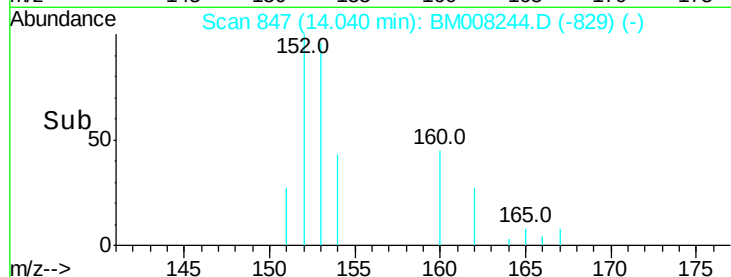
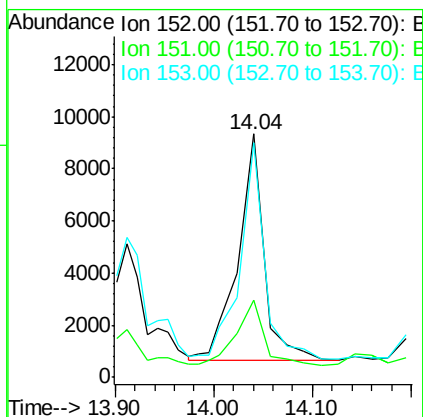
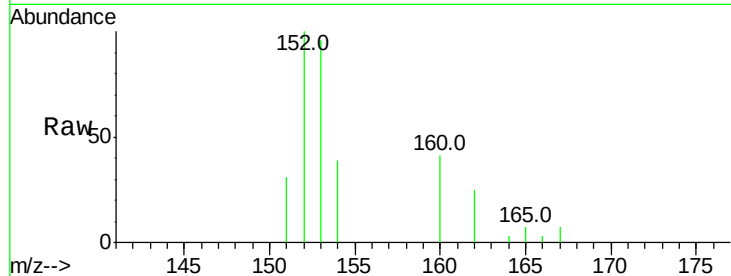
ClientSampleId :

DA817

Tot Ion:	152	Resp:	14695
Ion Ratio	Lower	Upper	
152	100		
151	31.5	17.1	25.7#
153	96.5	12.8	19.2#

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:33 PM



#8

Acenaphthene

Concen: 3.05 ng/ul

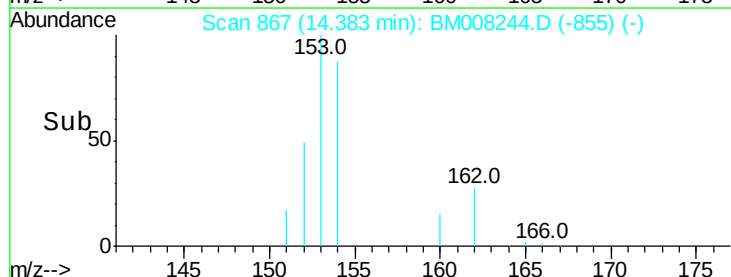
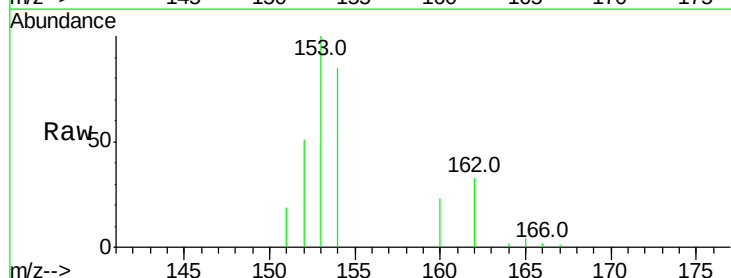
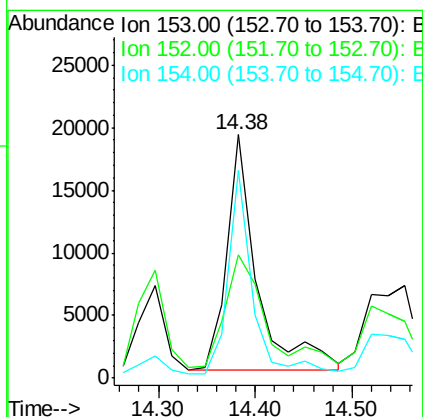
RT: 14.38 min Scan# 867

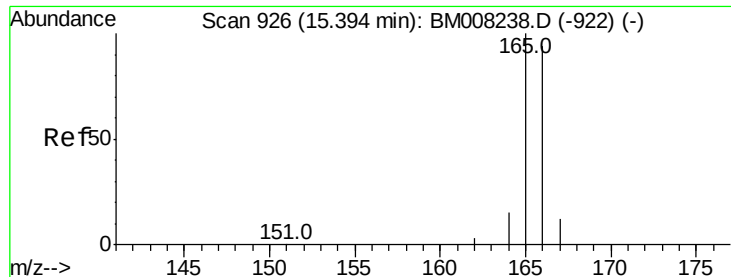
Delta R.T. -0.00 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Tgt Ion:	153	Resp:	40357
Ion Ratio	Lower	Upper	
153	100		
152	50.8	40.3	60.5
154	85.4	71.4	107.2





#9

Fluorene

Concen: 5.57 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Instrument :

BNA_M

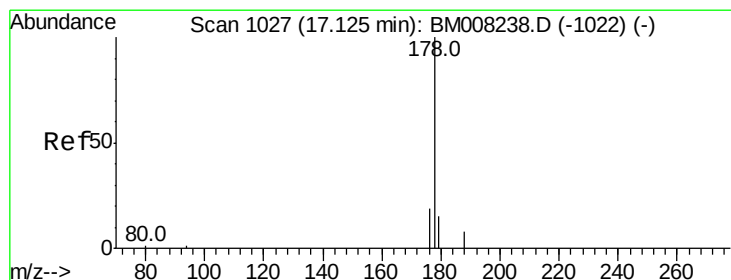
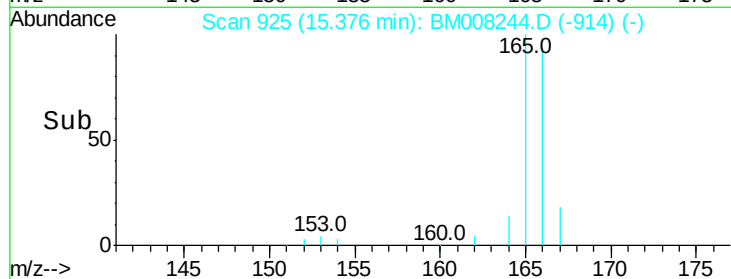
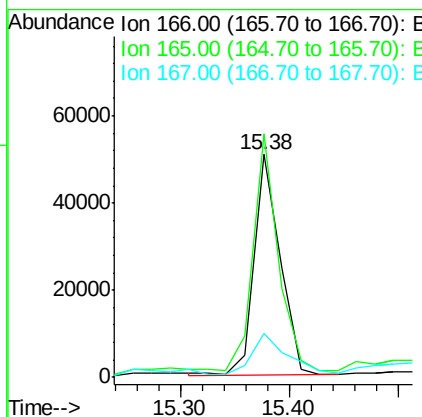
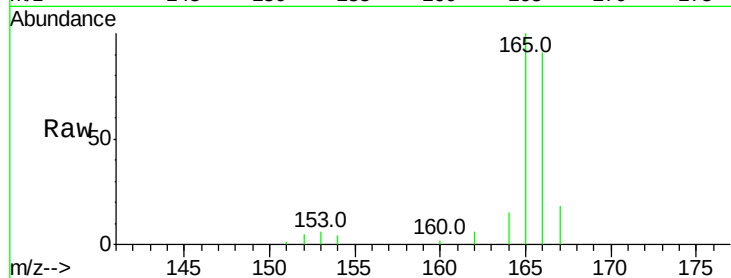
ClientSampleId :

DA817

Tot Ion:	166	Resp:	84651
Ion Ratio	Lower	Upper	
166	100		
165	109.4	73.4	110.2
167	20.0	14.6	22.0

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:33 PM



#12

Phenanthrene

Concen: 3.69 ng/ul

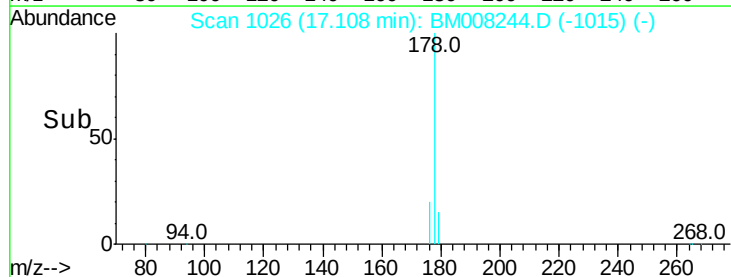
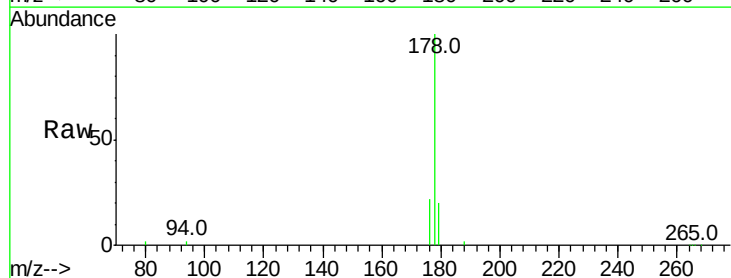
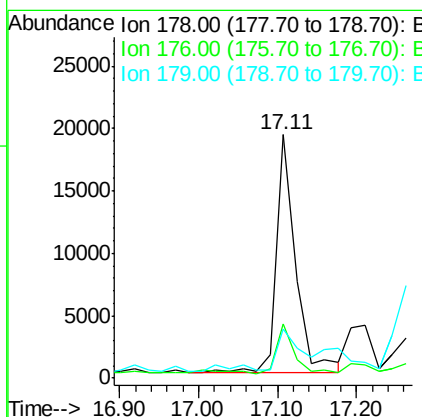
RT: 17.11 min Scan# 1026

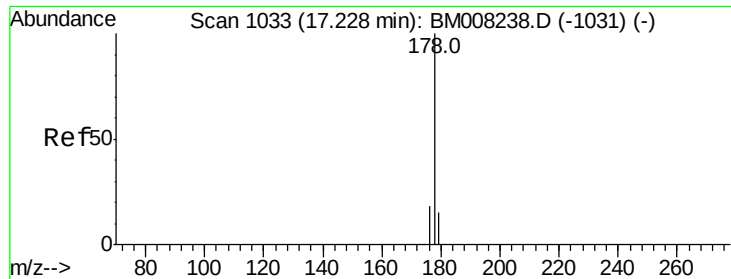
Delta R.T. -0.02 min

Lab File: BM008244.D

Acq: 10 Dec 2016 22:17

Tgt Ion:	178	Resp:	32019
Ion Ratio	Lower	Upper	
178	100		
176	22.1	18.4	27.6
179	20.0	13.6	20.4





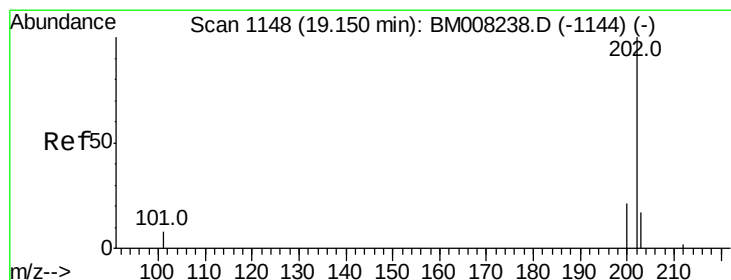
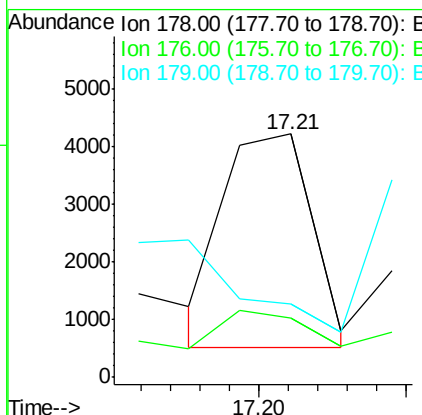
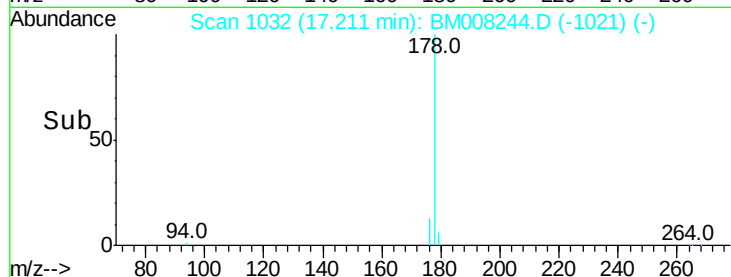
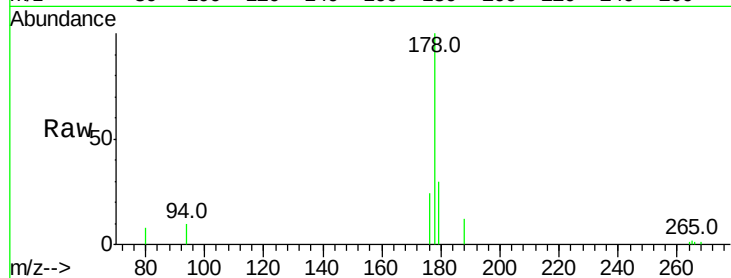
#13
 Anthracene
 Concen: 0.94 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008244.D
 Acq: 10 Dec 2016 22:17

Instrument :
 BNA_M
 ClientSampleId :
 DA817

Tot Ion:178 Resp: 7669
 Ion Ratio Lower Upper
 178 100
 176 24.1 18.1 27.1
 179 30.3 14.7 22.1#

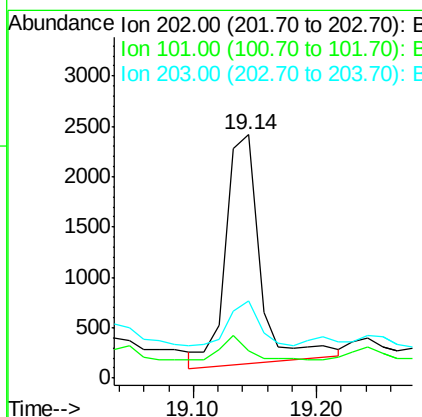
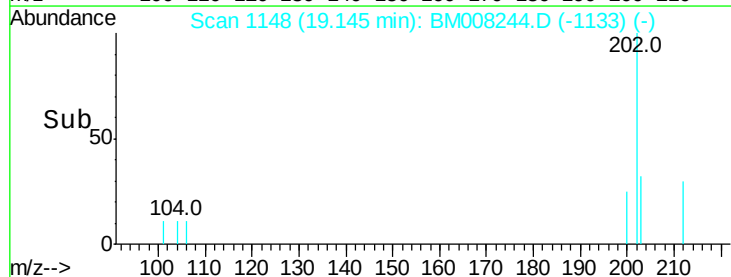
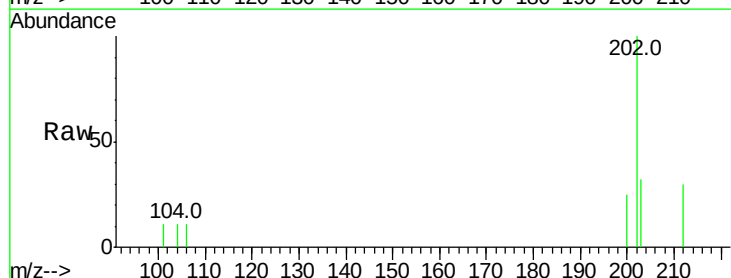
Manual Integrations
 APPROVED

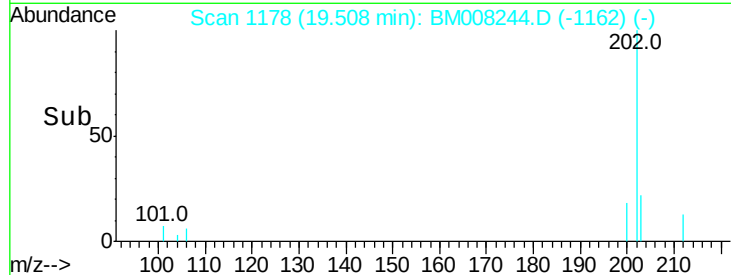
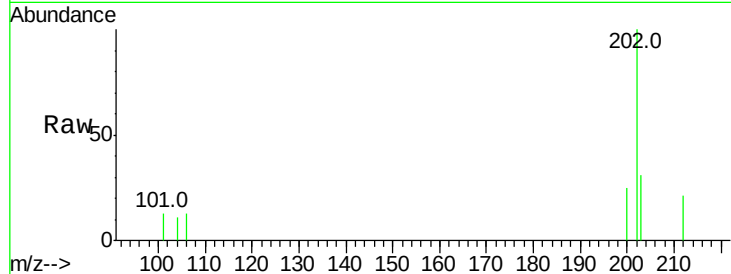
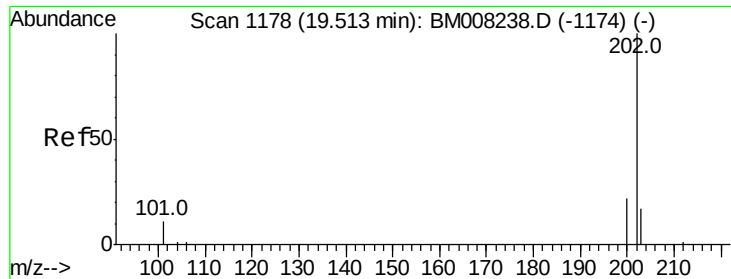
UMANGI
 12/12/2016 6:50:33 PM



#15
 Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM008244.D
 Acq: 10 Dec 2016 22:17

Tgt Ion:202 Resp: 4397
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 30.3
 203 31.8 0.0 39.5





#17
Pvrene
Concen: 0.63 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008244.D
Acq: 10 Dec 2016 22:17

Instrument :
BNA_M
ClientSampleId :
DA817

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	24.6	18.2	27.4
203	30.5	15.6	23.4

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:33 PM

