

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
 Data File : BM008263.D
 Acq On : 12 Dec 2016 14:56
 Operator : UM/SJ
 Sample : H5905-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA818RE

Manual Integrations
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Quant Time: Dec 13 02:56:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	922	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2389	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	5411	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	5042m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1990	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1780	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1616	0.48	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	6509m	0.46	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	742909	111.20	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	1395445	324.03	ng/ul	98
7) Acenaphthylene	14.04	152	27044	1.10	ng/ul#	8
8) Acenaphthene	14.38	153	76408	4.10	ng/ul	94
9) Fluorene	15.38	166	172440	8.05	ng/ul#	73
12) Phenanthrene	17.11	178	61642	3.93	ng/ul	97
13) Anthracene	17.21	178	15741m	1.07	ng/ul	
15) Fluoranthene	19.14	202	7264m	0.36	ng/ul	
17) Pyrene	19.51	202	8142	1.18	ng/ul#	89

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

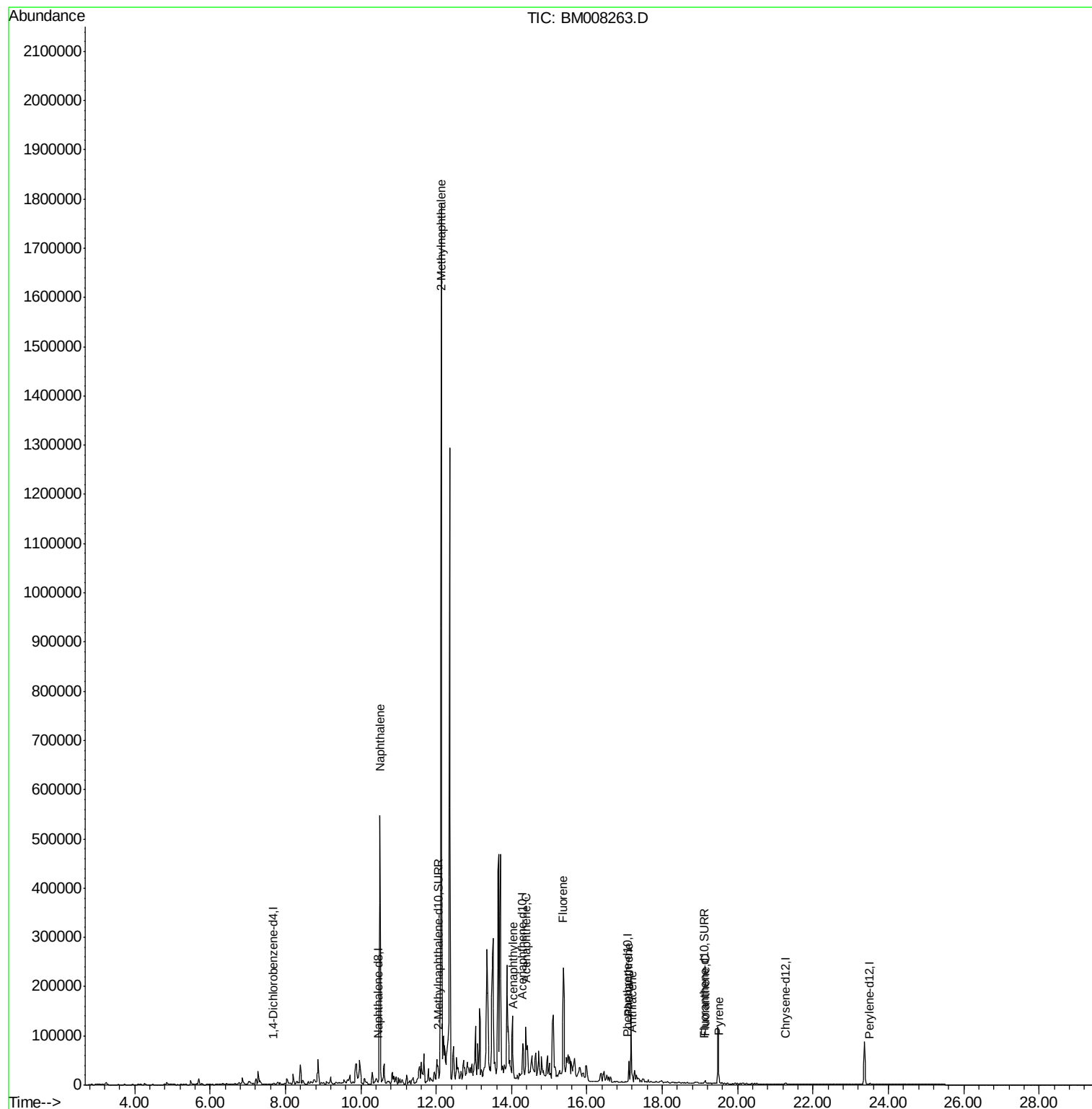
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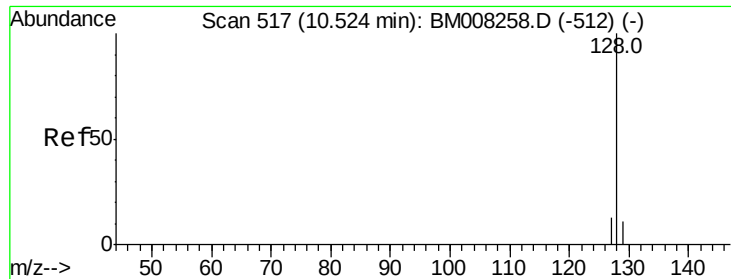
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#3

Naphthalene

Concen: 111.20 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

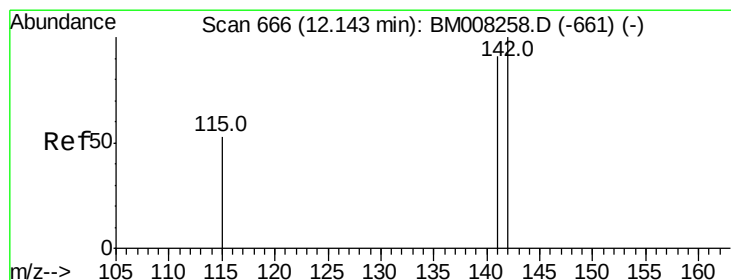
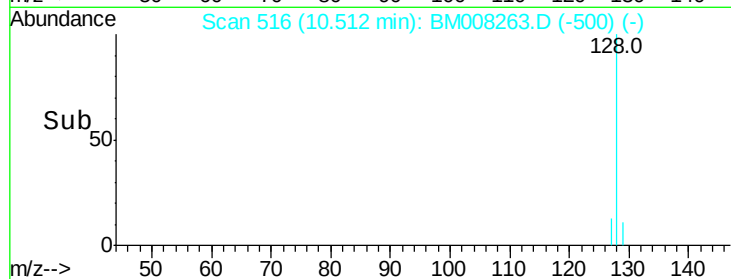
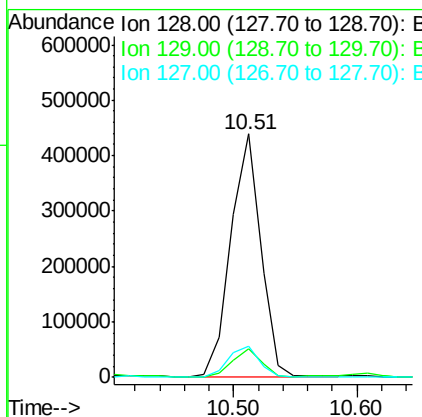
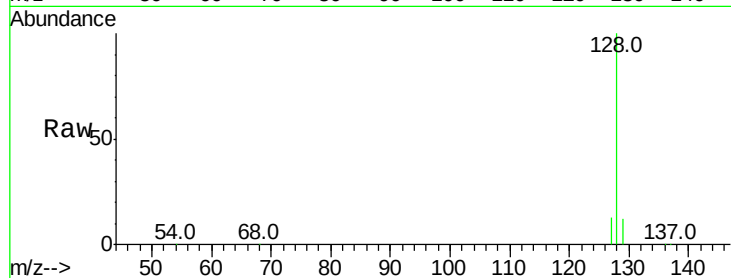
ClientSampleId :

DA818RE

Tot Ion:	128	Resp:	742909
Ion Ratio	Lower	Upper	
128	100		
129	11.5	11.3	16.9
127	12.9	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 324.03 ng/ul

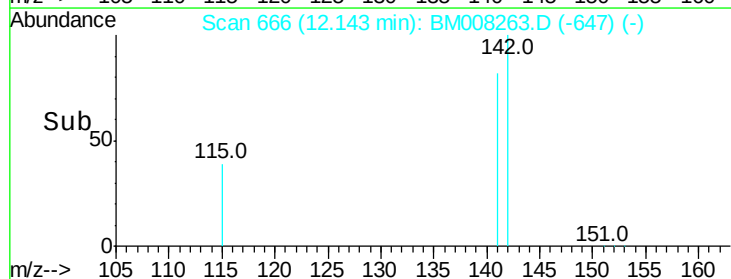
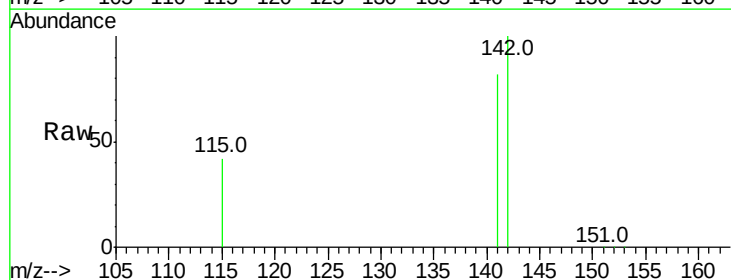
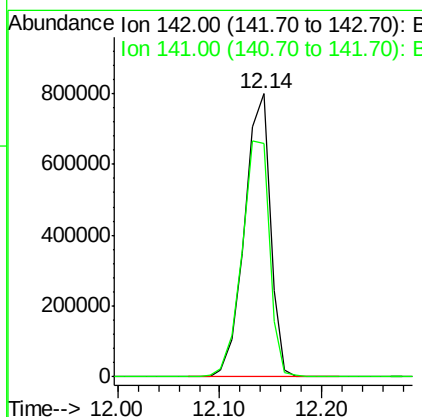
RT: 12.14 min Scan# 666

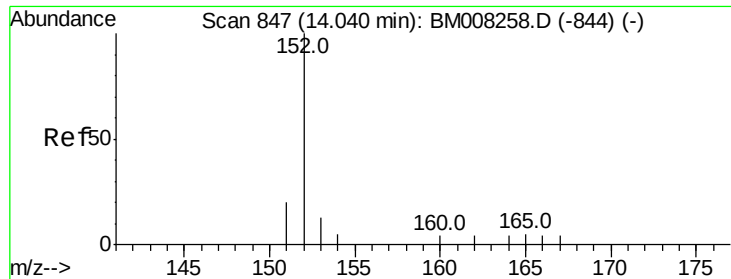
Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Tgt Ion:	142	Resp:	1395445
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 1.10 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

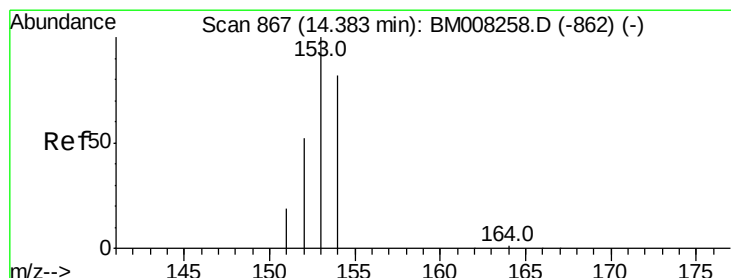
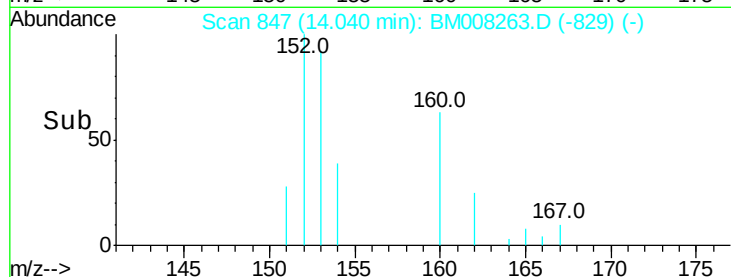
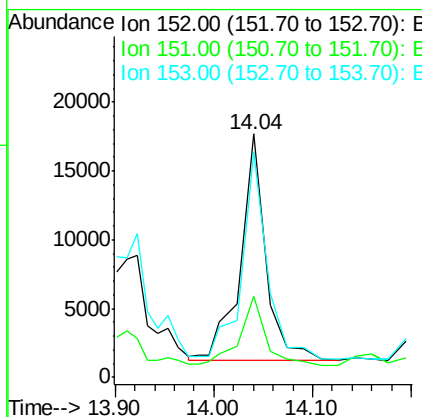
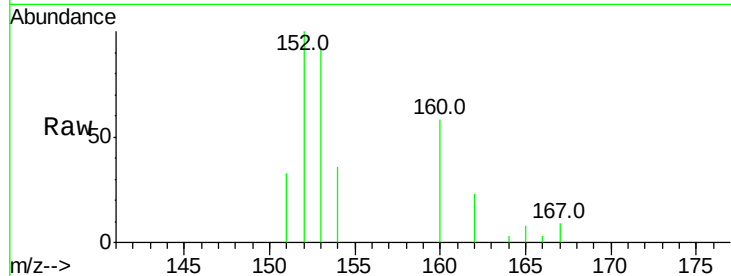
ClientSampleId :

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Tot Ion:	152	Resp:	27044
Ion Ratio	Lower	Upper	
152	100		
151	33.2	17.1	25.7#
153	92.7	12.8	19.2#

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#8

Acenaphthene

Concen: 4.10 ng/ul

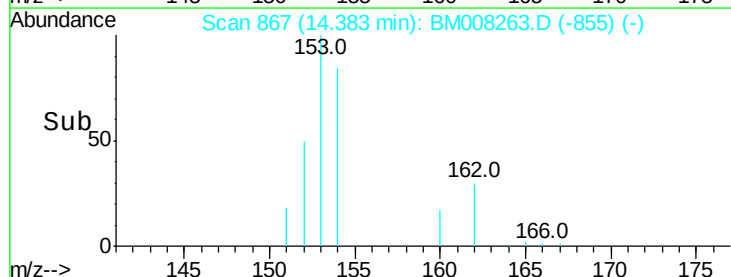
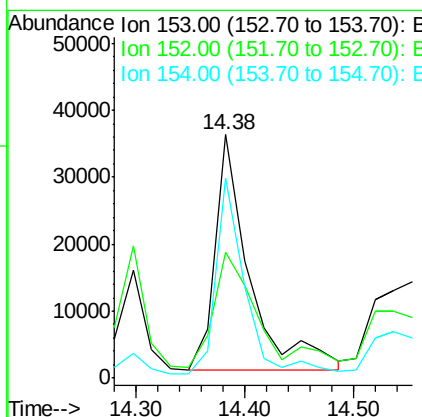
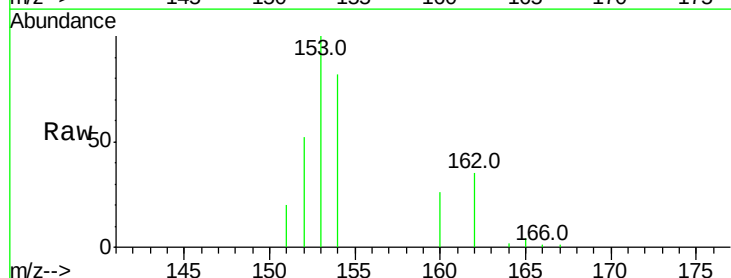
RT: 14.38 min Scan# 867

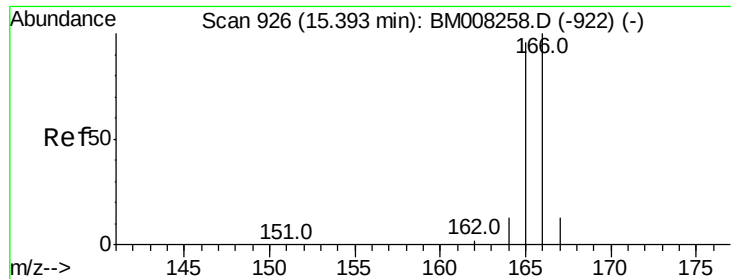
Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Tgt Ion:	153	Resp:	76408
Ion Ratio	Lower	Upper	
153	100		
152	51.8	40.3	60.5
154	82.1	71.4	107.2





#9

Fluorene

Concen: 8.05 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

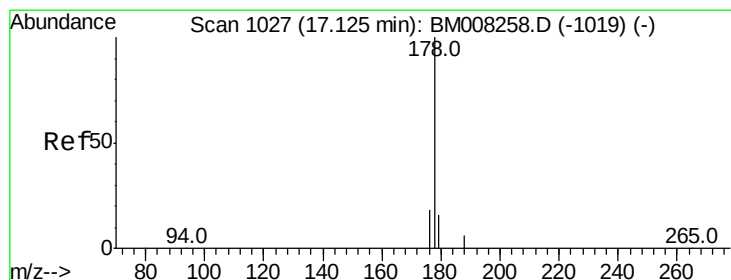
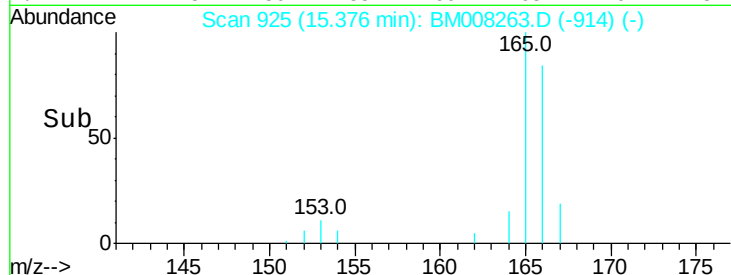
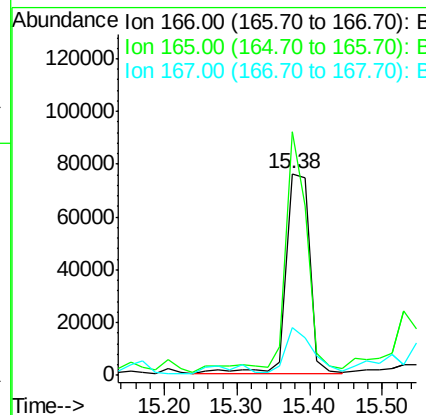
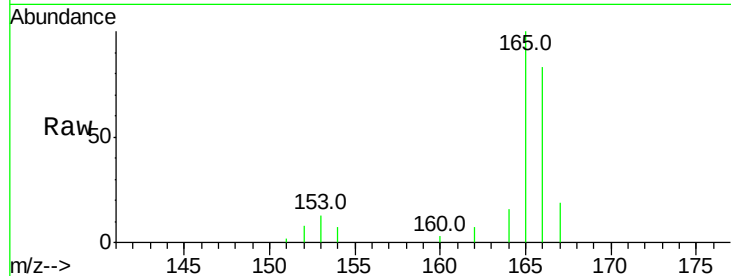
ClientSampleId :

DA818RE

Tot Ion:	166	Resp:	172440
Ion Ratio	Lower	Upper	
166	100		
165	120.5	73.4	110.2#
167	23.5	14.6	22.0#

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#12

Phenanthrene

Concen: 3.93 ng/ul

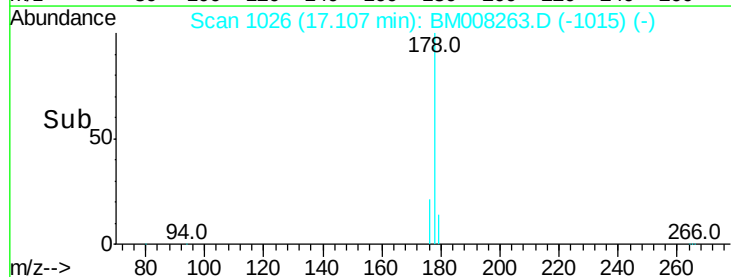
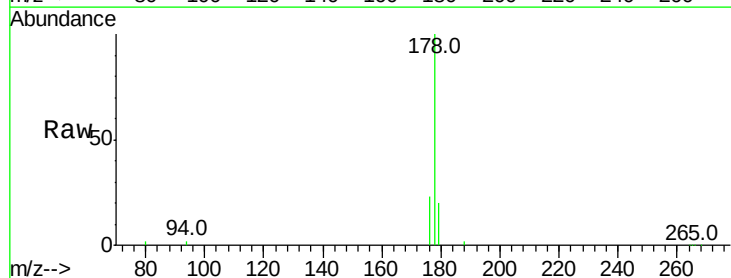
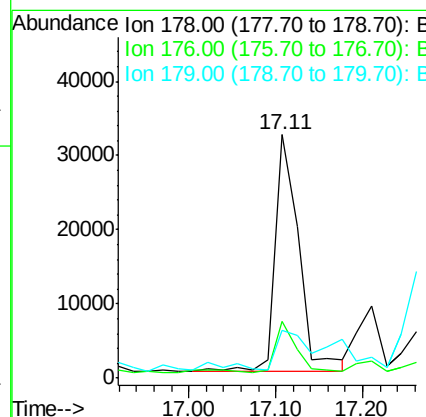
RT: 17.11 min Scan# 1026

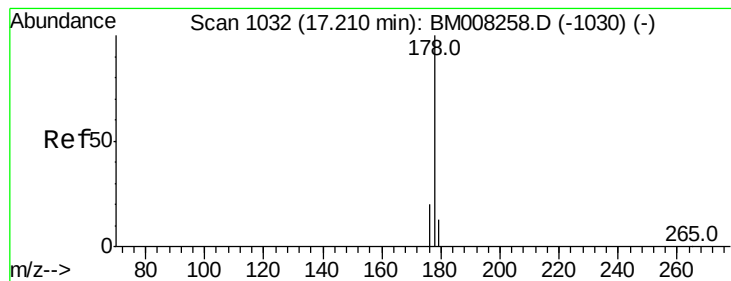
Delta R.T. -0.02 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Tgt Ion:	178	Resp:	61642
Ion Ratio	Lower	Upper	
178	100		
176	23.1	18.4	27.6
179	19.5	13.6	20.4





#13

Anthracene

Concen: 1.07 ng/ul m

RT: 17.21 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

Instrument :

BNA_M

ClientSampleId :

DA818RE

Tot Ion:178 Resp: 15741

Ion Ratio Lower Upper

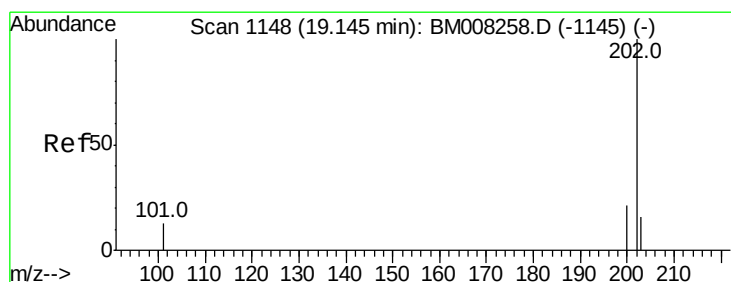
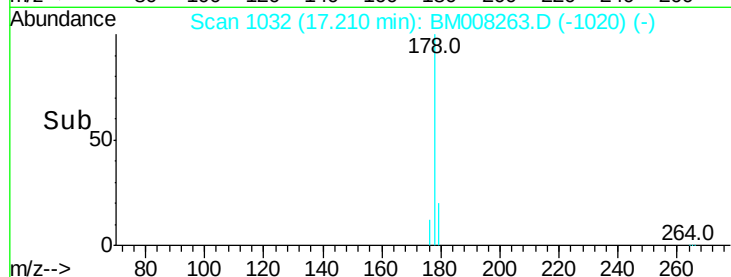
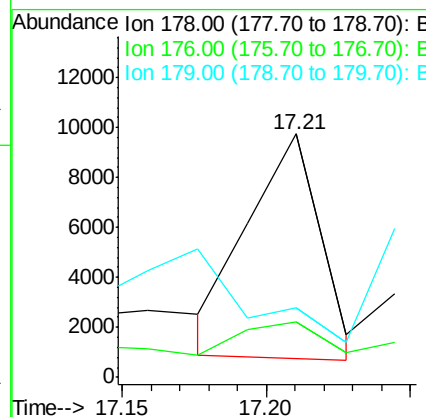
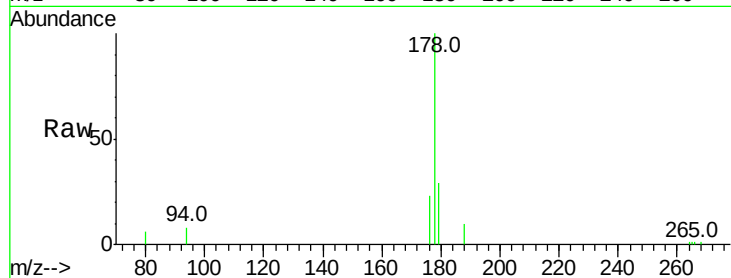
178 100

176 22.8 18.1 27.1

179 28.7 14.7 22.1#

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#15

Fluoranthene

Concen: 0.36 ng/ul m

RT: 19.14 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM008263.D

Acq: 12 Dec 2016 14:56

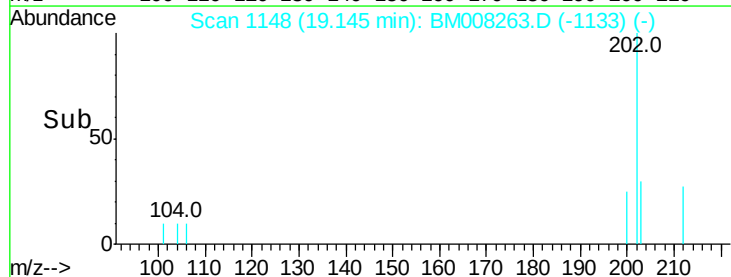
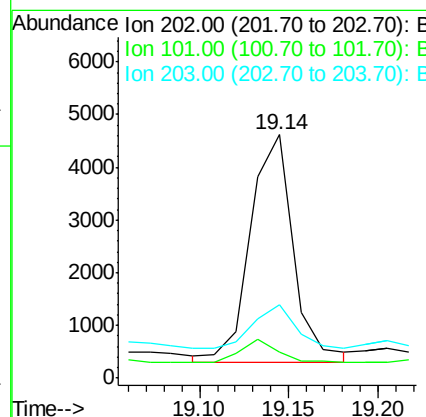
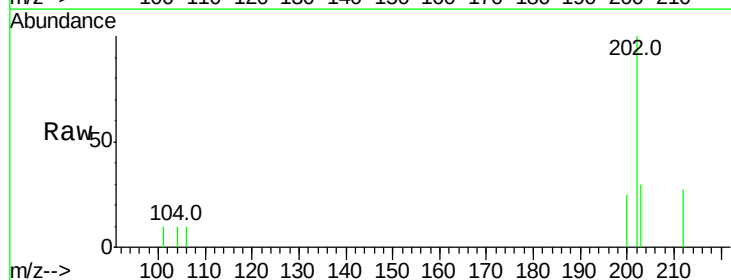
Tgt Ion:202 Resp: 7264

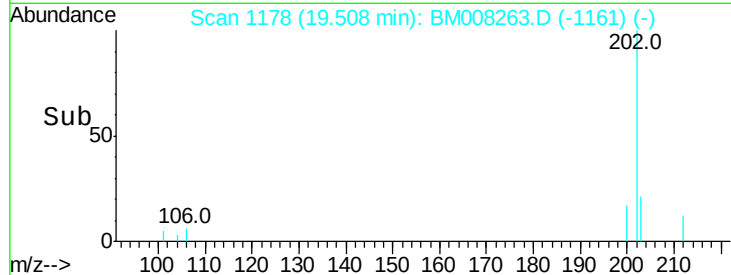
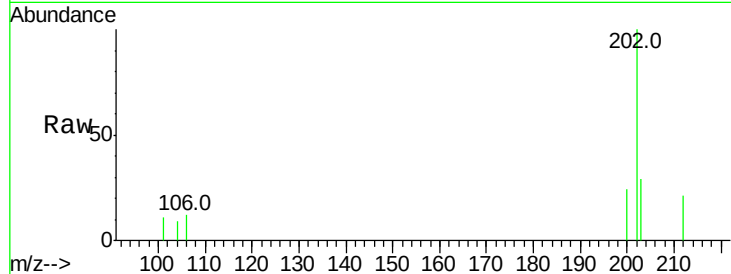
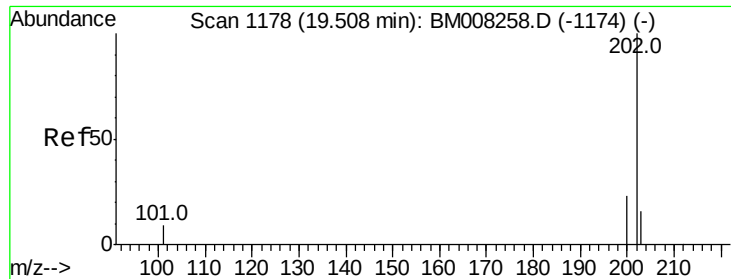
Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

203 30.2 0.0 39.5





#17
 Pvrene
 Concen: 1.18 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM008263.D
 Acq: 12 Dec 2016 14:56

Instrument :
 BNA_M
 ClientSampleId :
 DA818RE

Tot Ion:	202	Resp:	8142
Ion Ratio	Lower	Upper	
202	100		
200	24.2	18.2	27.4
203	28.8	15.6	23.4

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