

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
 Data File : BM008261.D
 Acq On : 12 Dec 2016 13:43
 Operator : UM/SJ
 Sample : H5905-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA804RE

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Quant Time: Dec 13 10:58:15 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	7.65	152	577	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.46	136	1302m	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	5815m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1744m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1141	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	841	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	821m	0.45	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	2480m	0.50	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	1317399	361.82	ng/ul#	94
5) 2-Methylnaphthalene	12.14	142	2066150	880.32	ng/ul	99
7) Acenaphthylene	14.04	152	39998m	1.52	ng/ul	
8) Acenaphthene	14.38	153	85595	4.27	ng/ul	88
9) Fluorene	15.39	166	191700	8.33	ng/ul	98
12) Phenanthrene	17.11	178	95507	17.58	ng/ul	98
13) Anthracene	17.21	178	17254m	3.38	ng/ul	
15) Fluoranthene	19.14	202	13401	1.91	ng/ul	89
17) Pyrene	19.51	202	13563	3.42	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	1731	0.49	ng/ul#	42
19) Chrysene	21.30	228	1969	0.45	ng/ul#	45

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

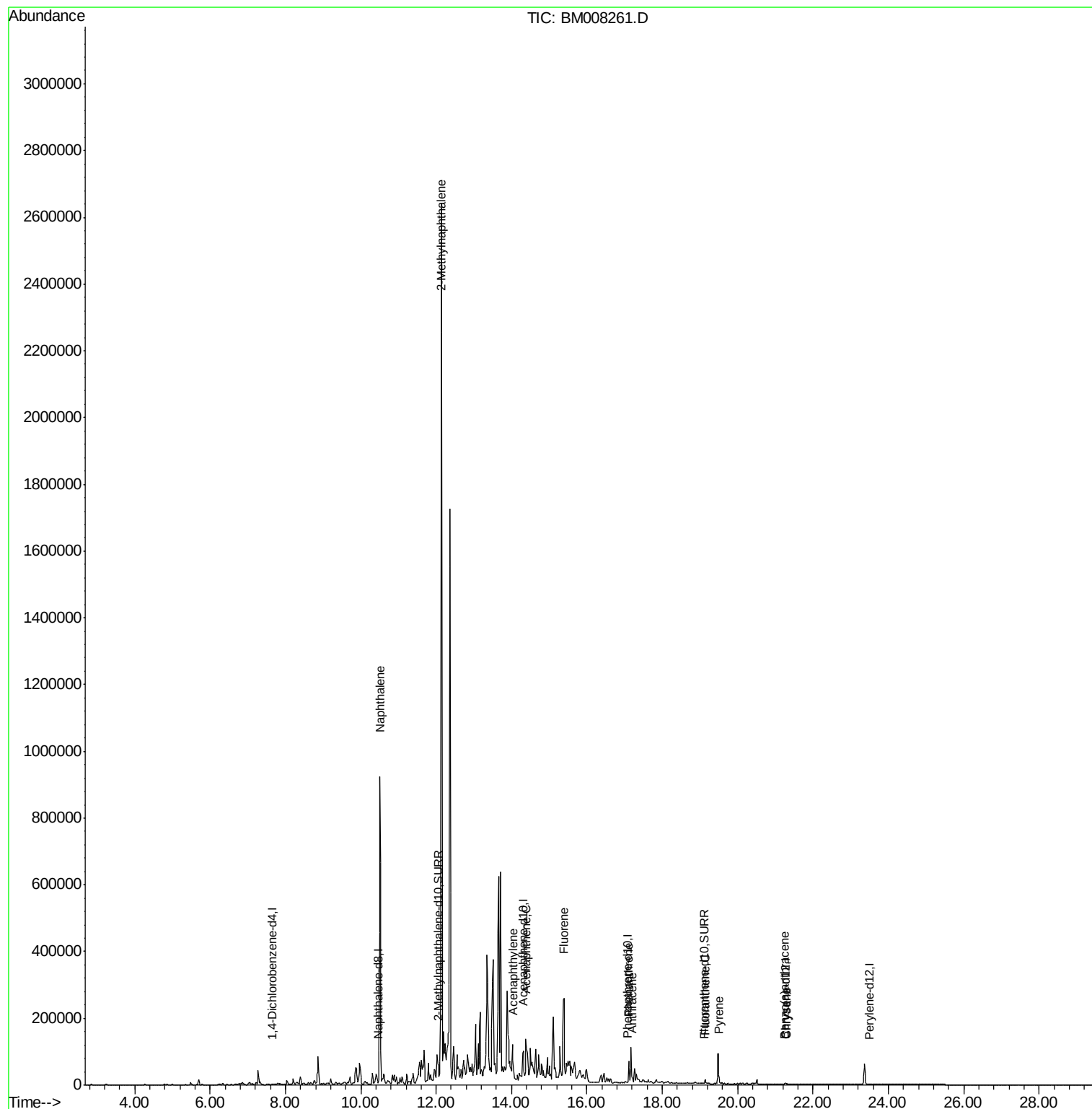
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
Data File : BM008261.D
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Operator : UM/SJ
Sample : H5905-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

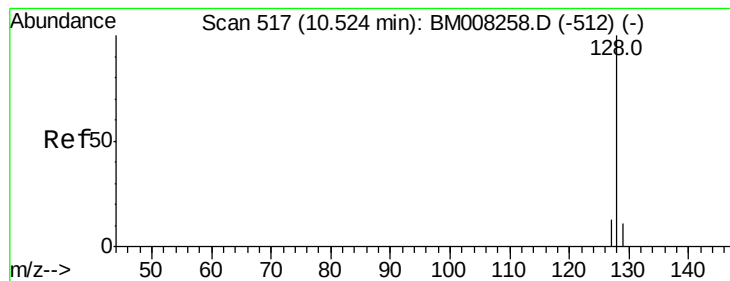
Instrument :
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#3

Naphthalene

Concen: 361.82 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Instrument :

BNA_M

ClientSampleId :

DA804RE

Tot Ion:128 Resp: 1317399

Ion Ratio Lower Upper

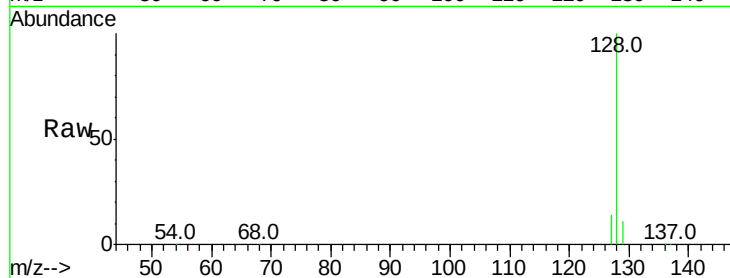
128 100

129 11.3 11.3 16.9#

127 13.7 12.8 19.2

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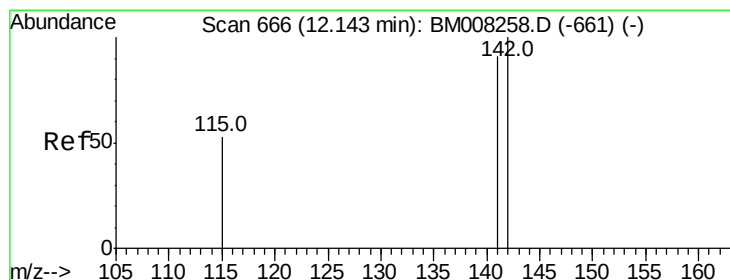
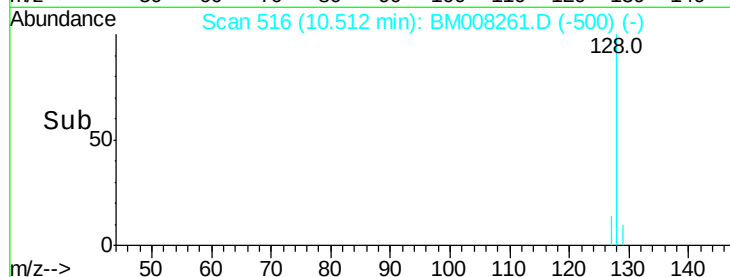
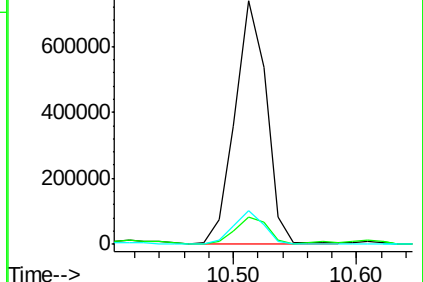
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 880.32 ng/ul

RT: 12.14 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM008261.D

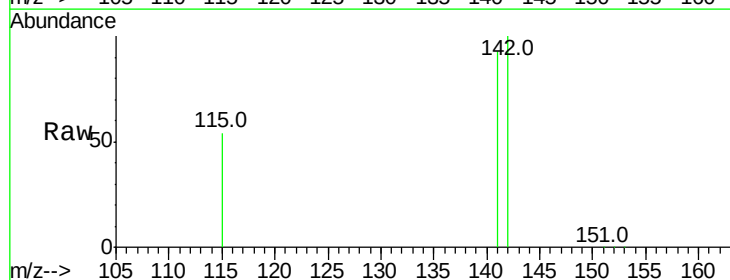
Acq: 12 Dec 2016 13:43

Tgt Ion:142 Resp: 2066150

Ion Ratio Lower Upper

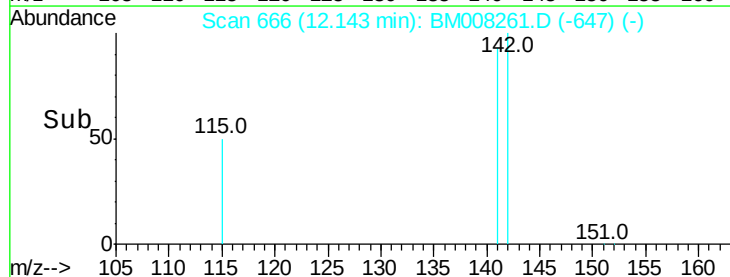
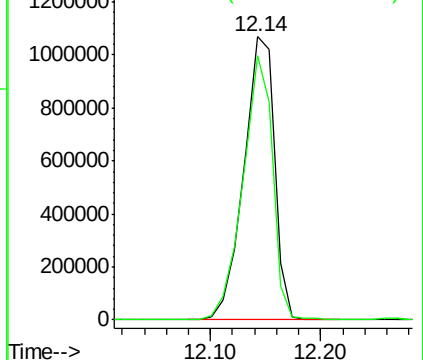
142 100

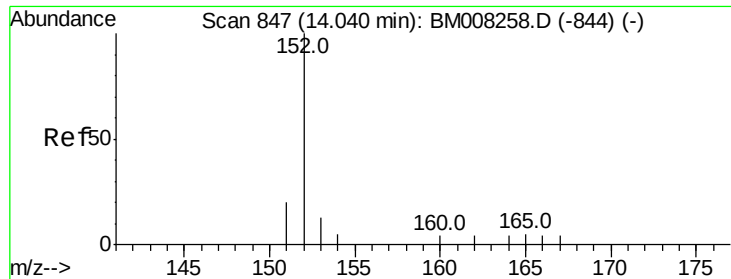
141 89.4 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.52 ng/ul m

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Instrument :

BNA_M

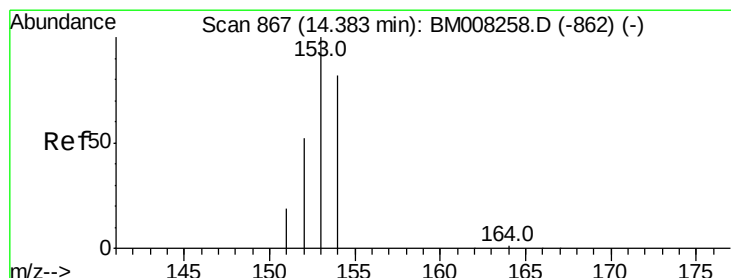
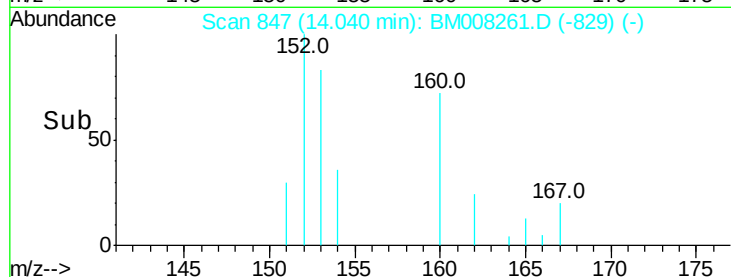
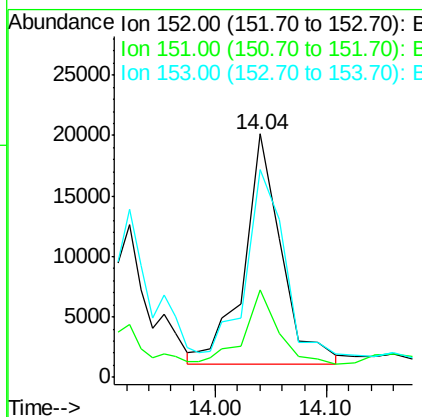
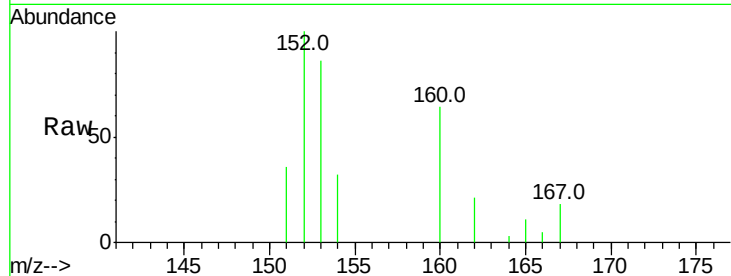
ClientSampleId :

DA804RE

Tot Ion:	152	Resp:	39998
Ion Ratio	Lower	Upper	
152	100		
151	35.7	17.1	25.7#
153	85.5	12.8	19.2#

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#8

Acenaphthene

Concen: 4.27 ng/ul

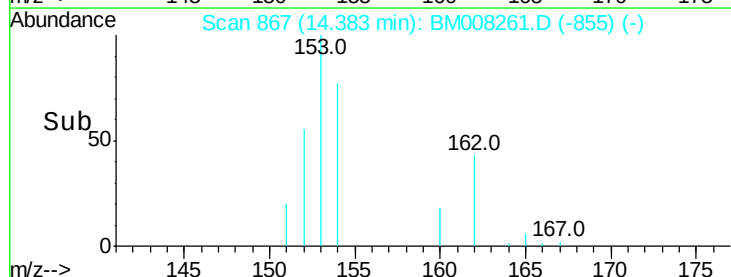
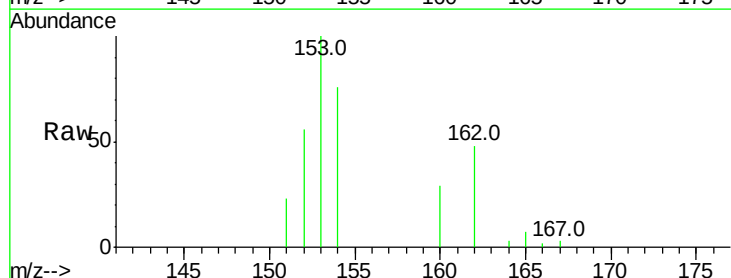
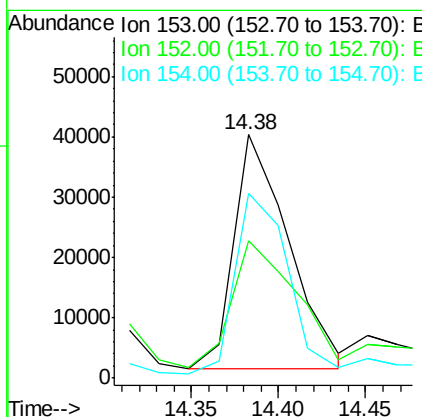
RT: 14.38 min Scan# 867

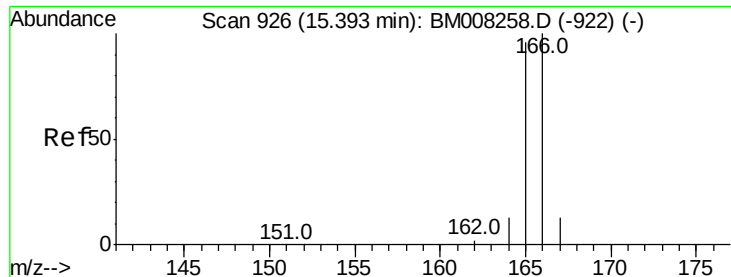
Delta R.T. 0.00 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Tgt Ion:	153	Resp:	85595
Ion Ratio	Lower	Upper	
153	100		
152	56.4	40.3	60.5
154	75.6	71.4	107.2





#9

Fluorene

Concen: 8.33 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Instrument :

BNA_M

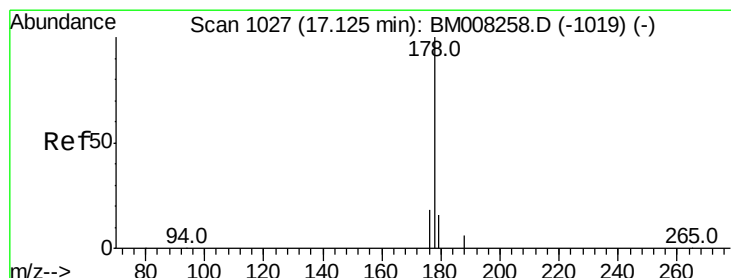
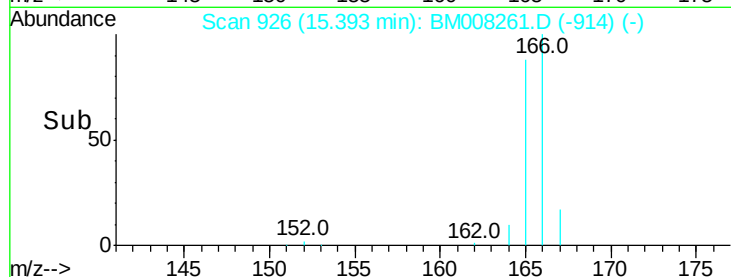
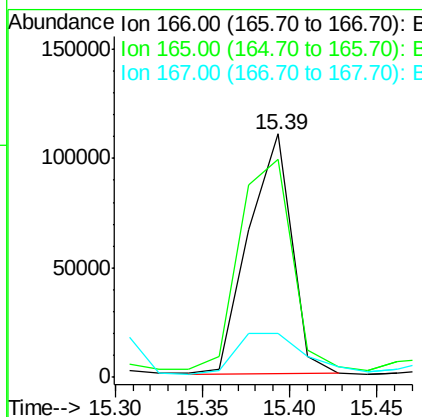
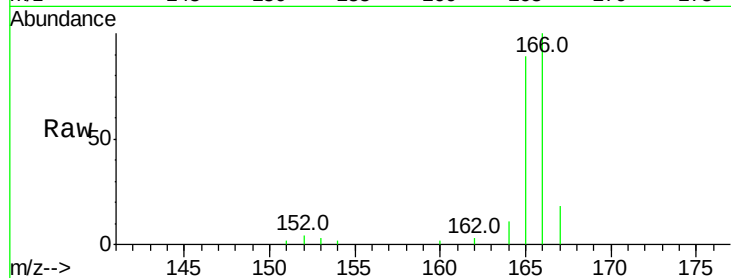
ClientSampleId :

DA804RE

Tot Ion:	166	Resp:	191700
Ion Ratio	Lower	Upper	
166	100		
165	89.5	73.4	110.2
167	17.9	14.6	22.0

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#12

Phenanthrene

Concen: 17.58 ng/ul

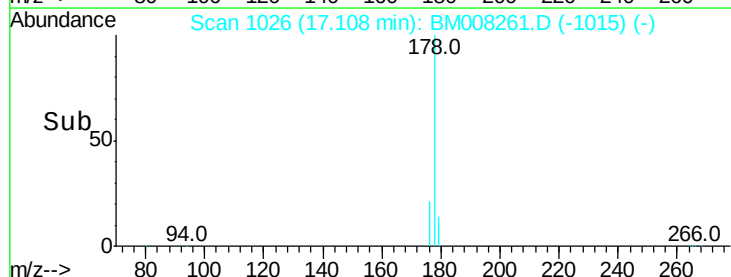
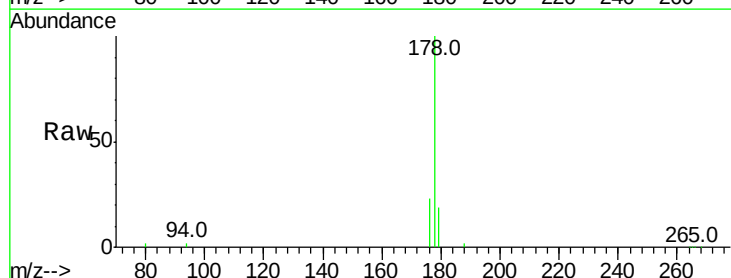
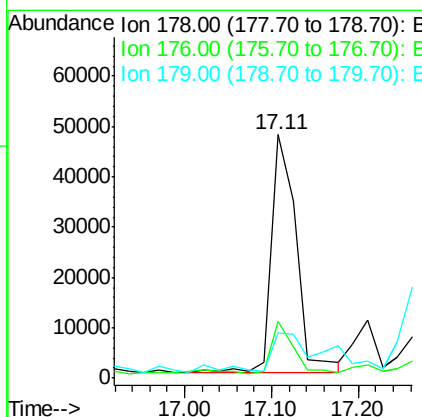
RT: 17.11 min Scan# 1026

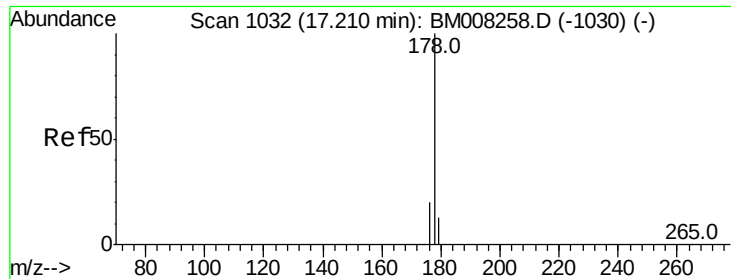
Delta R.T. -0.02 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Tgt Ion:	178	Resp:	95507
Ion Ratio	Lower	Upper	
178	100		
176	23.4	18.4	27.6
179	18.6	13.6	20.4





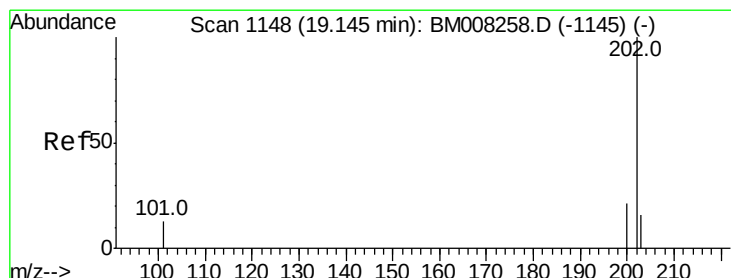
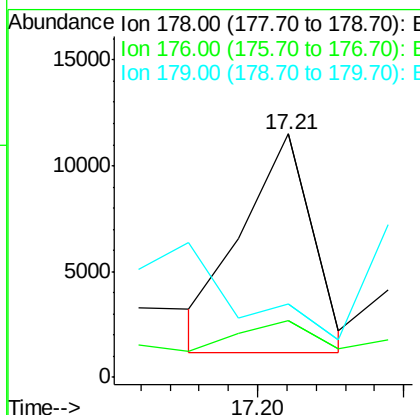
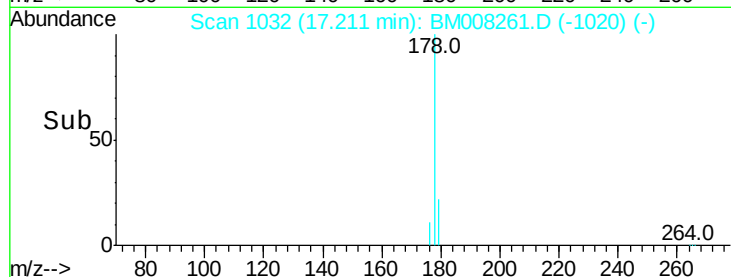
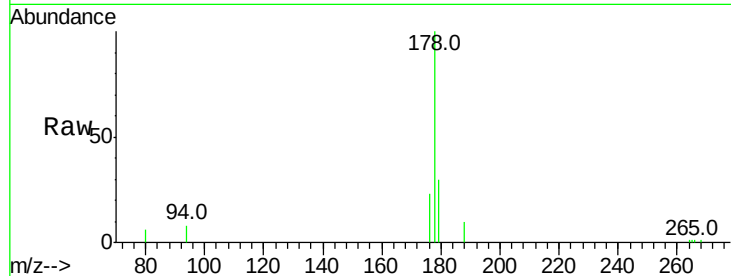
#13
 Anthracene
 Concen: 3.38 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM008261.D
 Acq: 12 Dec 2016 13:43

Instrument :
 BNA_M
 ClientSampleId :
 DA804RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.1	27.1
179	30.3	14.7	22.1

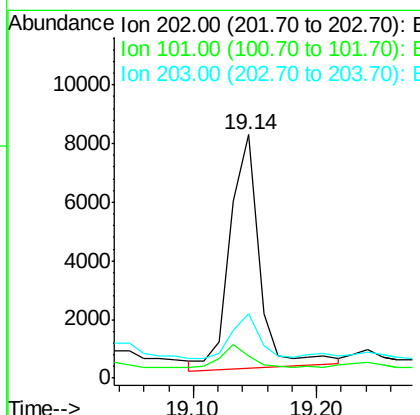
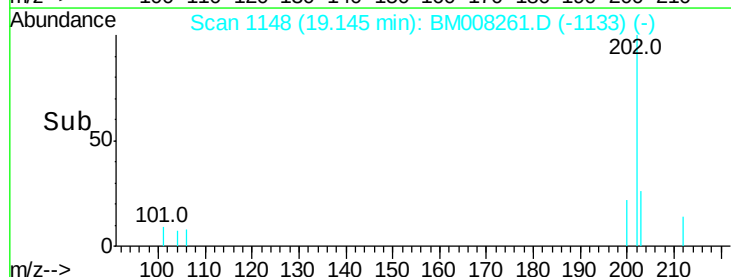
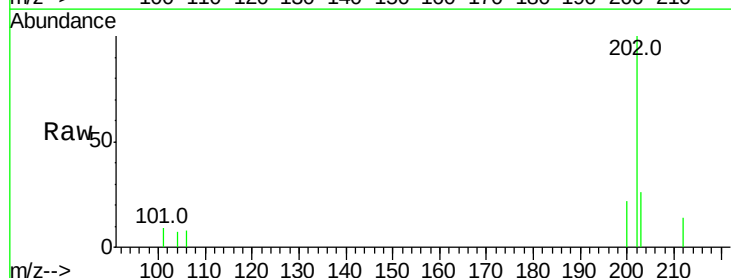
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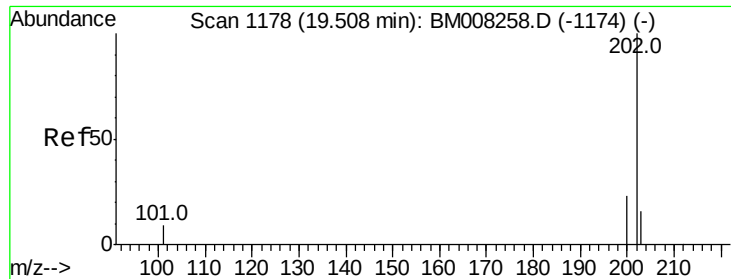
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#15
 Fluoranthene
 Concen: 1.91 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM008261.D
 Acq: 12 Dec 2016 13:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.3
203	26.4	0.0	39.5





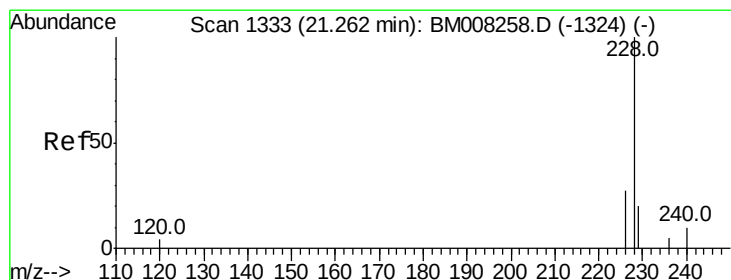
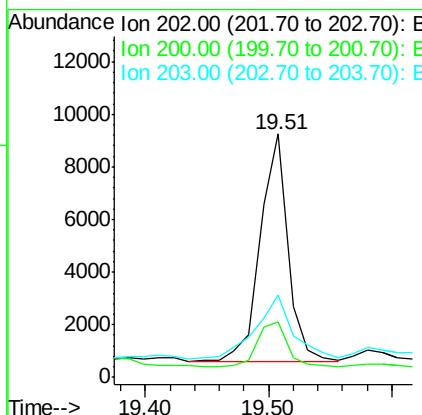
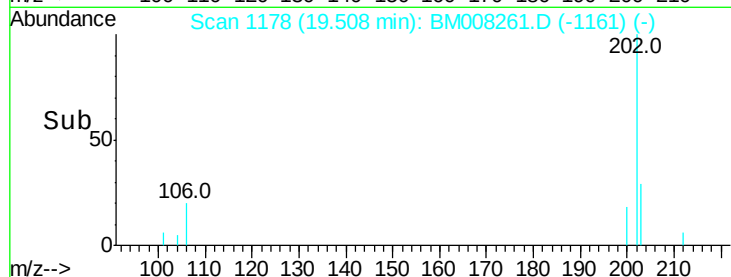
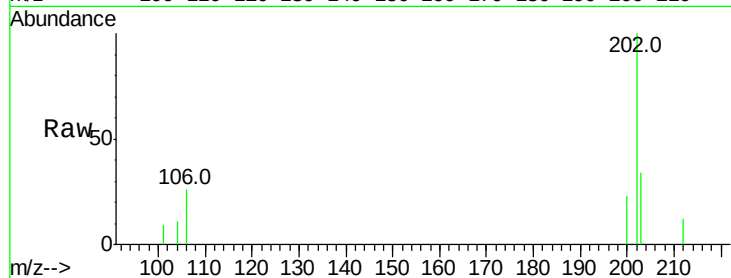
#17
Pvrene
Concen: 3.42 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BM008261.D
Acq: 12 Dec 2016 13:43

Instrument :
BNA_M
ClientSampleId :
DA804RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.4
203	34.0	15.6	23.4#

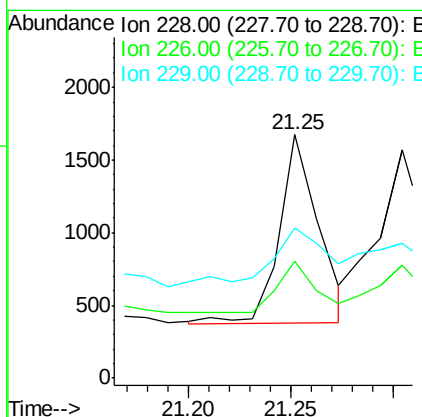
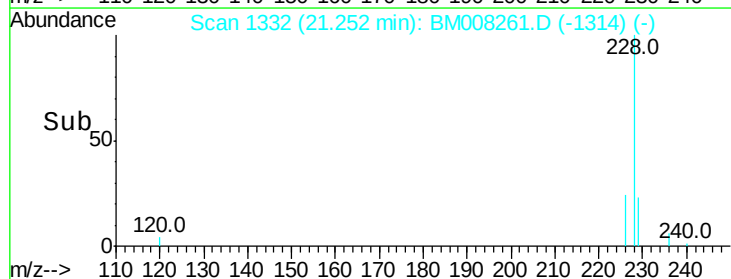
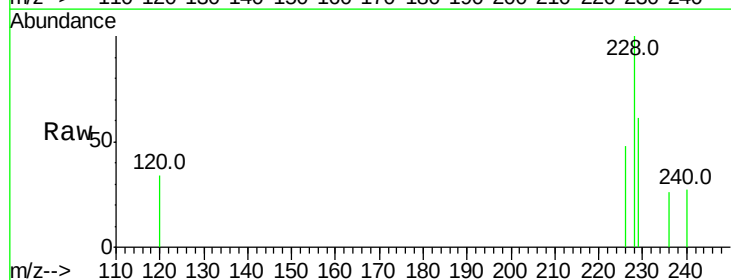
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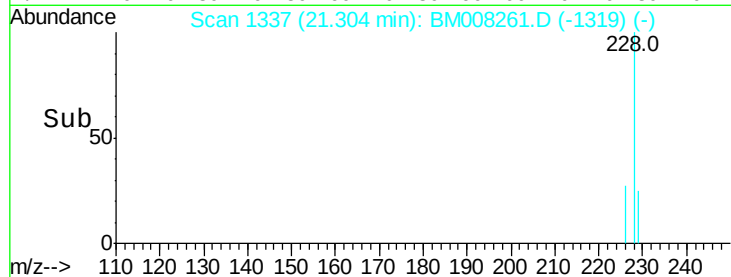
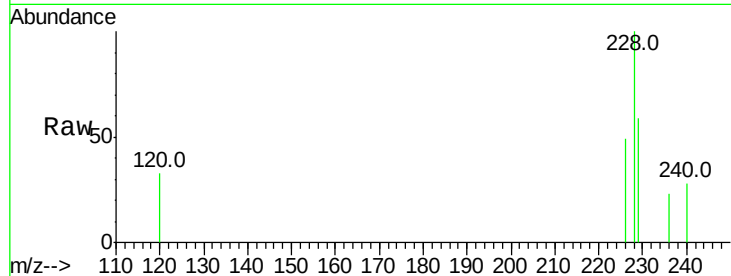
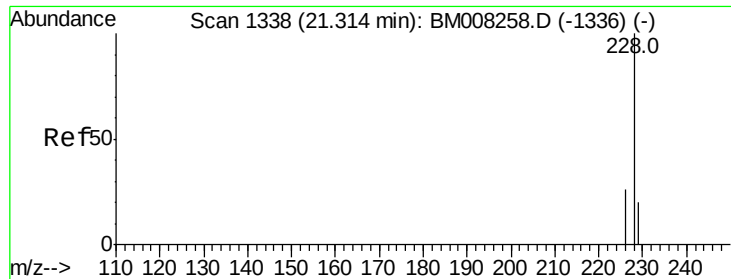
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#18
Benzo(a)anthracene
Concen: 0.49 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008261.D
Acq: 12 Dec 2016 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	48.0	22.8	34.2#
229	61.5	17.0	25.6#





#19

Chrysene

Concen: 0.45 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008261.D

Acq: 12 Dec 2016 13:43

Instrument :

BNA_M

ClientSampleId :

DA804RE

Tot Ion:	228	Resp:	1969
Ion Ratio	Lower	Upper	
228	100		
226	49.4	23.4	35.0#
229	59.1	17.7	26.5#

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