

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008462.D
 Acq On : 20 Dec 2016 03:36
 Operator : UM/SJ
 Sample : H5938-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA836

Manual Integrations
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Quant Time: Dec 20 04:59:22 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	443	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1443	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	1915	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	2030m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.25	240	1867	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1659m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	701	0.32	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	1673m	0.30	ng/ul	-0.03
Target Compounds						
3) Naphthalene	10.46	128	58683	14.45	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	155667	56.97	ng/ul	100
8) Acenaphthene	14.35	153	16535	2.54	ng/ul	96
9) Fluorene	15.34	166	34221	4.60	ng/ul#	75
12) Phenanthrene	17.09	178	17553m	2.83	ng/ul	
15) Fluoranthene	19.12	202	2670	0.35	ng/ul	88
17) Pyrene	19.47	202	3471	0.48	ng/ul#	84

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

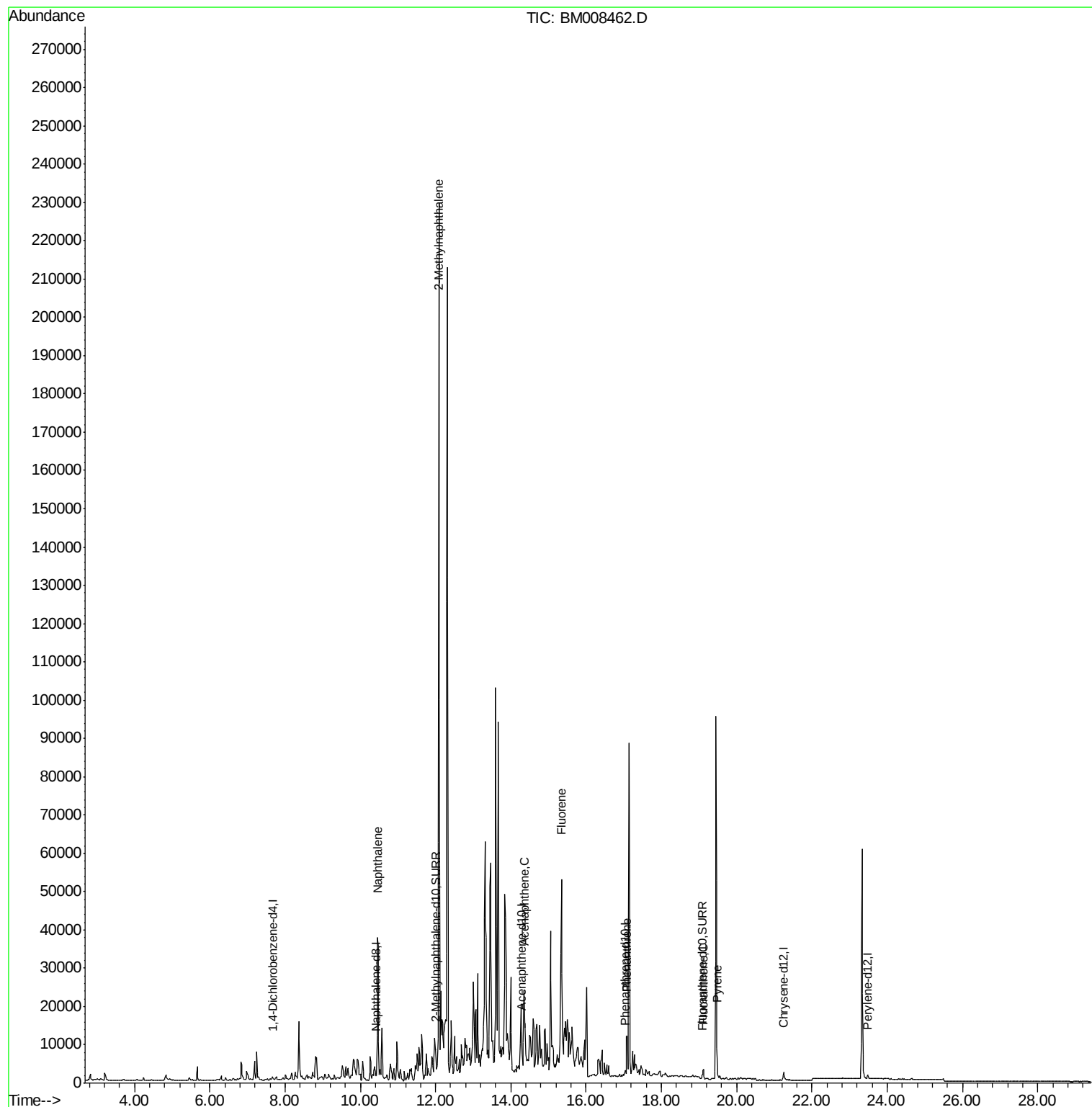
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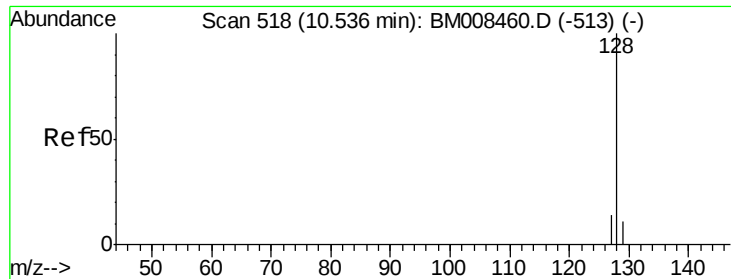
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#3

Naphthalene

Concen: 14.45 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.07 min

Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Instrument :

BNA_M

ClientSampleId :

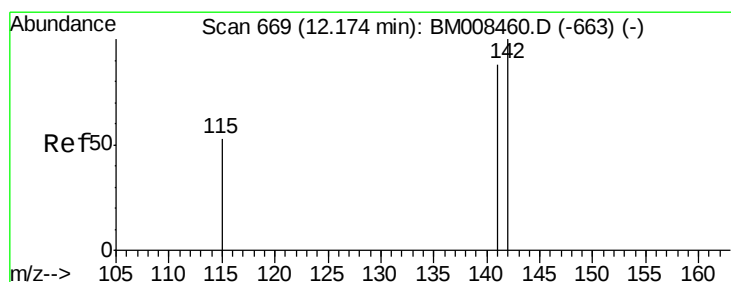
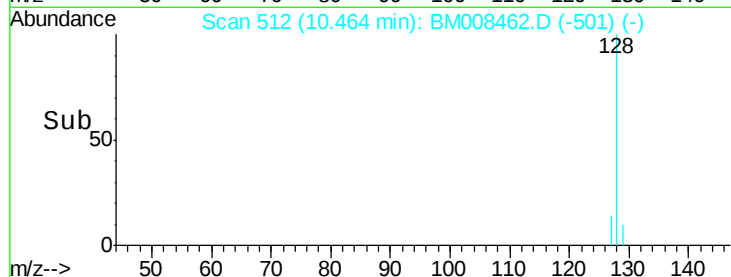
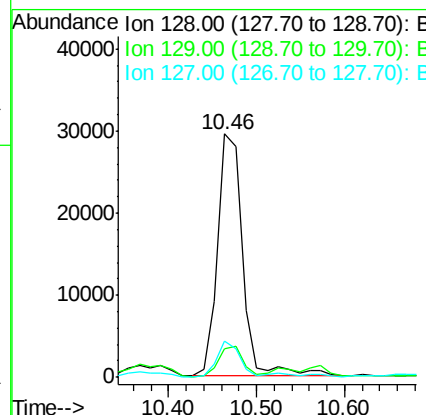
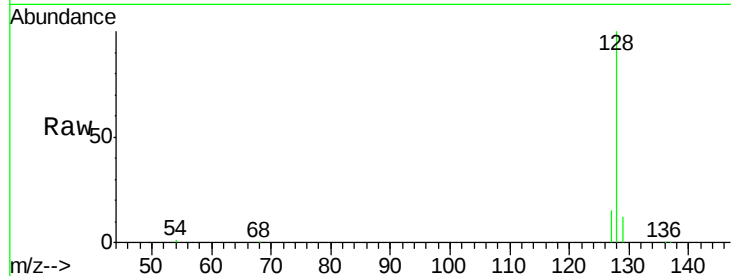
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Tot Ion:128 Resp: 58683

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.3	16.9
127	14.8	12.8	19.2

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#5

2-Methylnaphthalene

Concen: 56.97 ng/ul

RT: 12.09 min Scan# 661

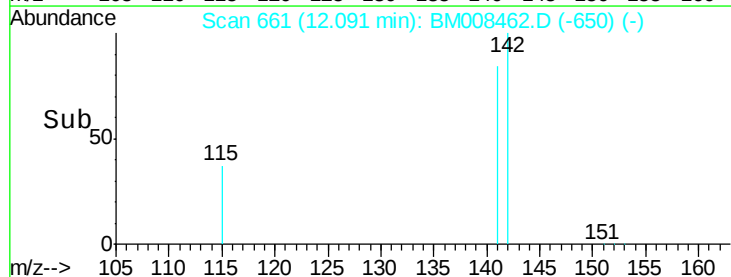
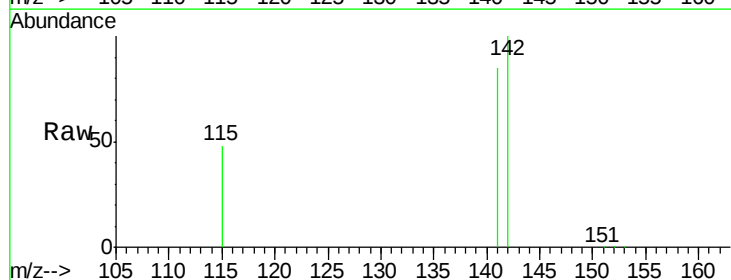
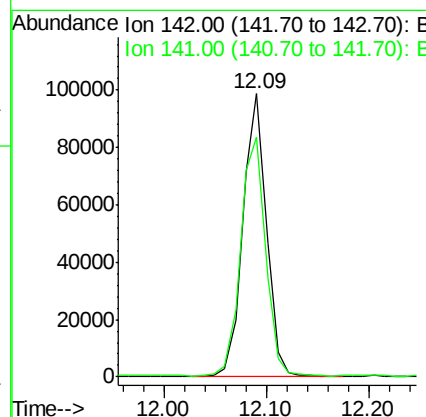
Delta R.T. -0.08 min

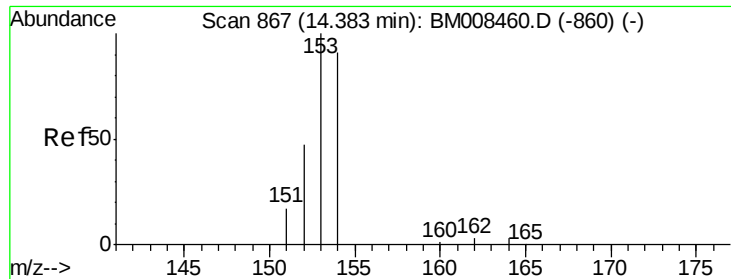
Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Tgt Ion:142 Resp: 155667

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.6	108.8





#8

Acenaphthene

Concen: 2.54 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Instrument :

BNA_M

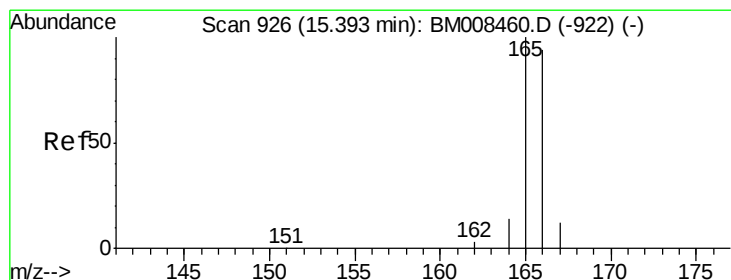
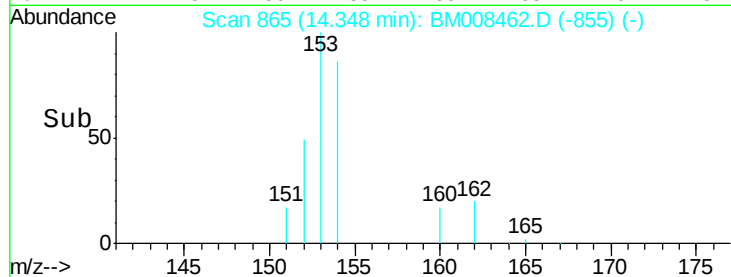
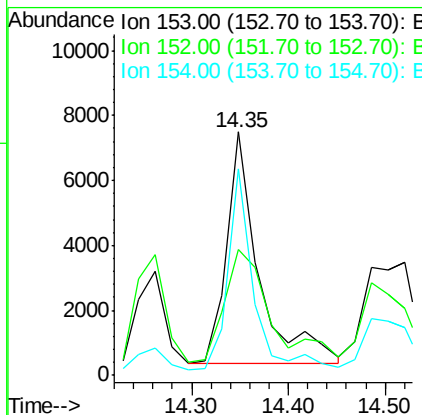
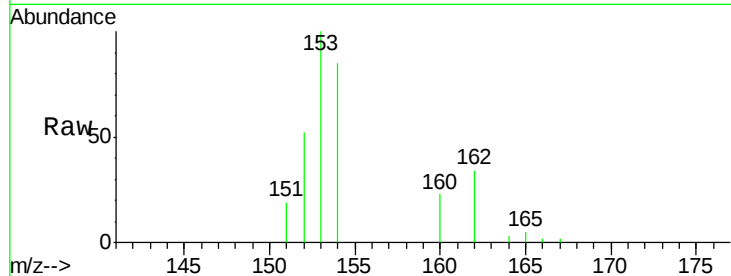
ClientSampled :

DA836

Tot Ion:	153	Resp:	16535
Ion Ratio	Lower	Upper	
153	100		
152	51.6	40.3	60.5
154	84.6	71.4	107.2

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#9

Fluorene

Concen: 4.60 ng/ul

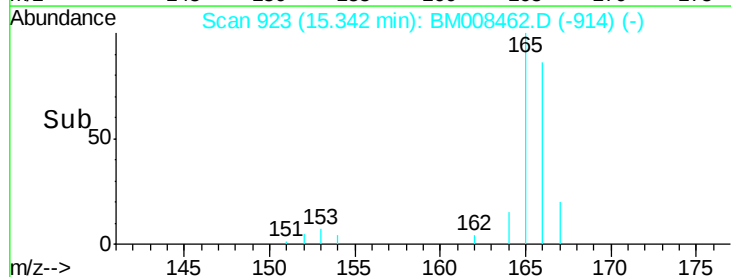
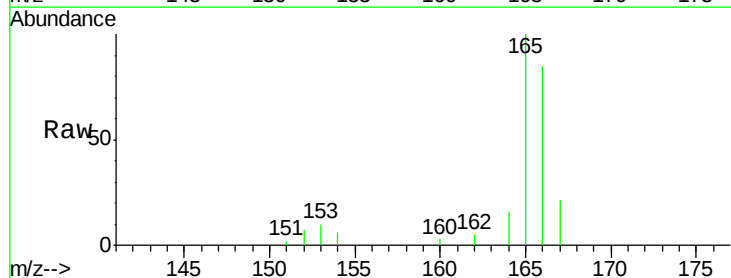
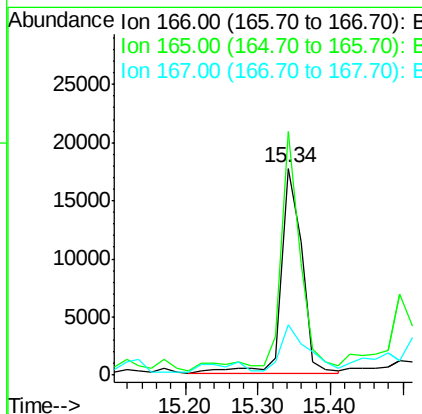
RT: 15.34 min Scan# 923

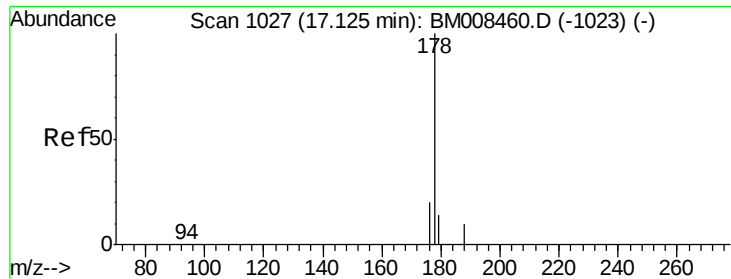
Delta R.T. -0.05 min

Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Tgt Ion:	166	Resp:	34221
Ion Ratio	Lower	Upper	
166	100		
165	117.7	73.4	110.2#
167	24.2	14.6	22.0#





#12

Phenanthrene

Concen: 2.83 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Instrument :

BNA_M

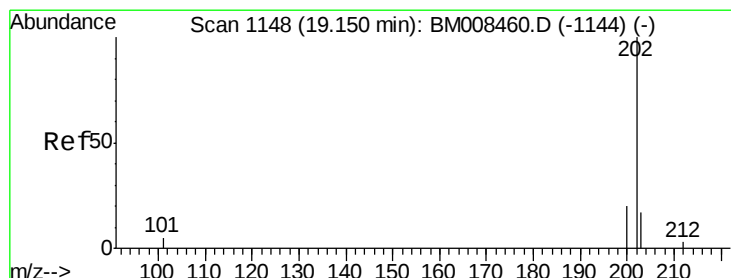
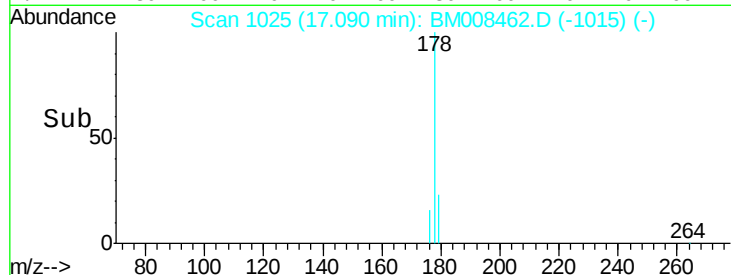
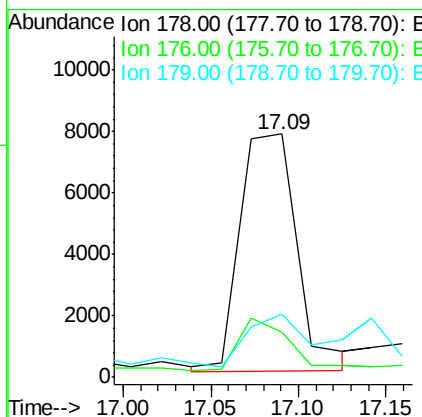
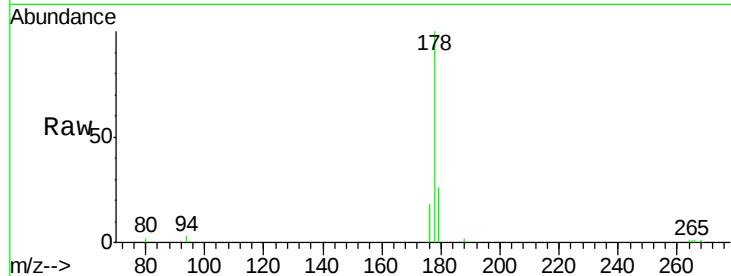
ClientSampleId :

DA836

Tot Ion:	178	Resp:	17553
Ion Ratio	Lower	Upper	
178	100		
176	18.5	18.4	27.6
179	26.1	13.6	20.4

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#15

Fluoranthene

Concen: 0.35 ng/ul

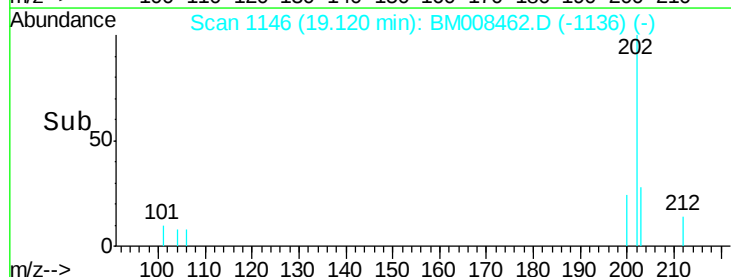
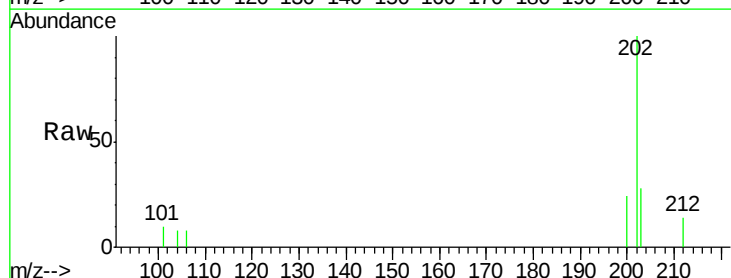
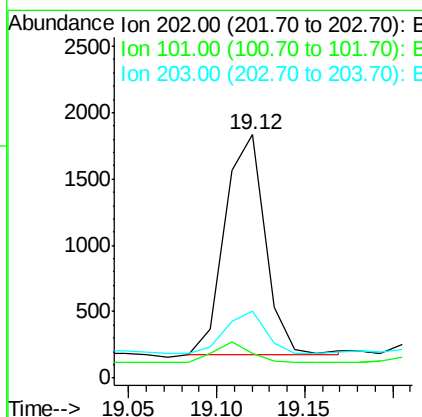
RT: 19.12 min Scan# 1146

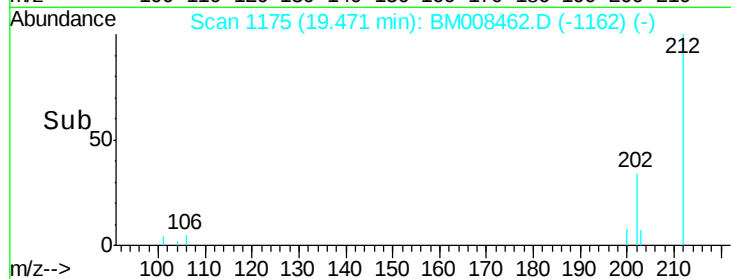
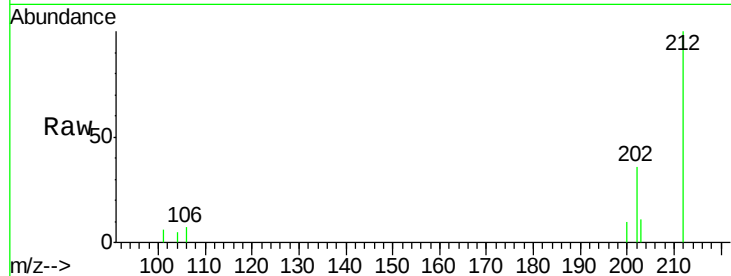
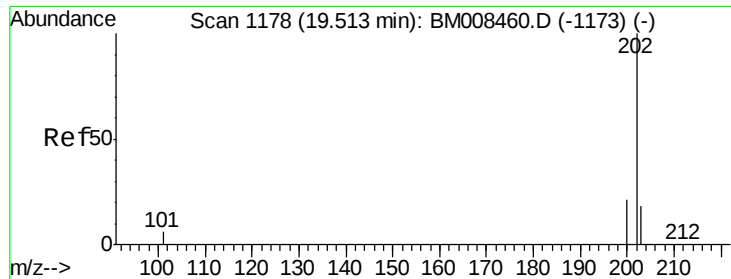
Delta R.T. -0.03 min

Lab File: BM008462.D

Acq: 20 Dec 2016 03:36

Tgt Ion:	202	Resp:	2670
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.3
203	27.5	0.0	39.5





#17
Pvrene
Concen: 0.48 ng/ul
RT: 19.47 min Scan# 1175
Delta R.T. -0.04 min
Lab File: BM008462.D
Acq: 20 Dec 2016 03:36

Instrument :
BNA_M
ClientSampleId :
DA836

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	28.0	18.2	27.4#
203	29.9	15.6	23.4#

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