

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121216\
 Data File : BM008262.D
 Acq On : 12 Dec 2016 14:19
 Operator : UM/SJ
 Sample : H5905-18RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Manual Integrations
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Quant Time: Dec 13 02:47:54 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	794	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2345	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	4134	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.07	188	3997m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	1897	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	1735	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	1296	0.39	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	3483m	0.31	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	430502	65.65	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	786540	186.07	ng/ul	98
7) Acenaphthylene	14.04	152	15404	0.82	ng/ul#	4
8) Acenaphthene	14.38	153	43965	3.09	ng/ul	98
9) Fluorene	15.38	166	94099	5.75	ng/ul	86
12) Phenanthrene	17.11	178	36752	2.95	ng/ul	95
13) Anthracene	17.21	178	9961m	0.85	ng/ul	
15) Fluoranthene	19.14	202	4818m	0.30	ng/ul	
17) Pyrene	19.51	202	4959	0.75	ng/ul#	86

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

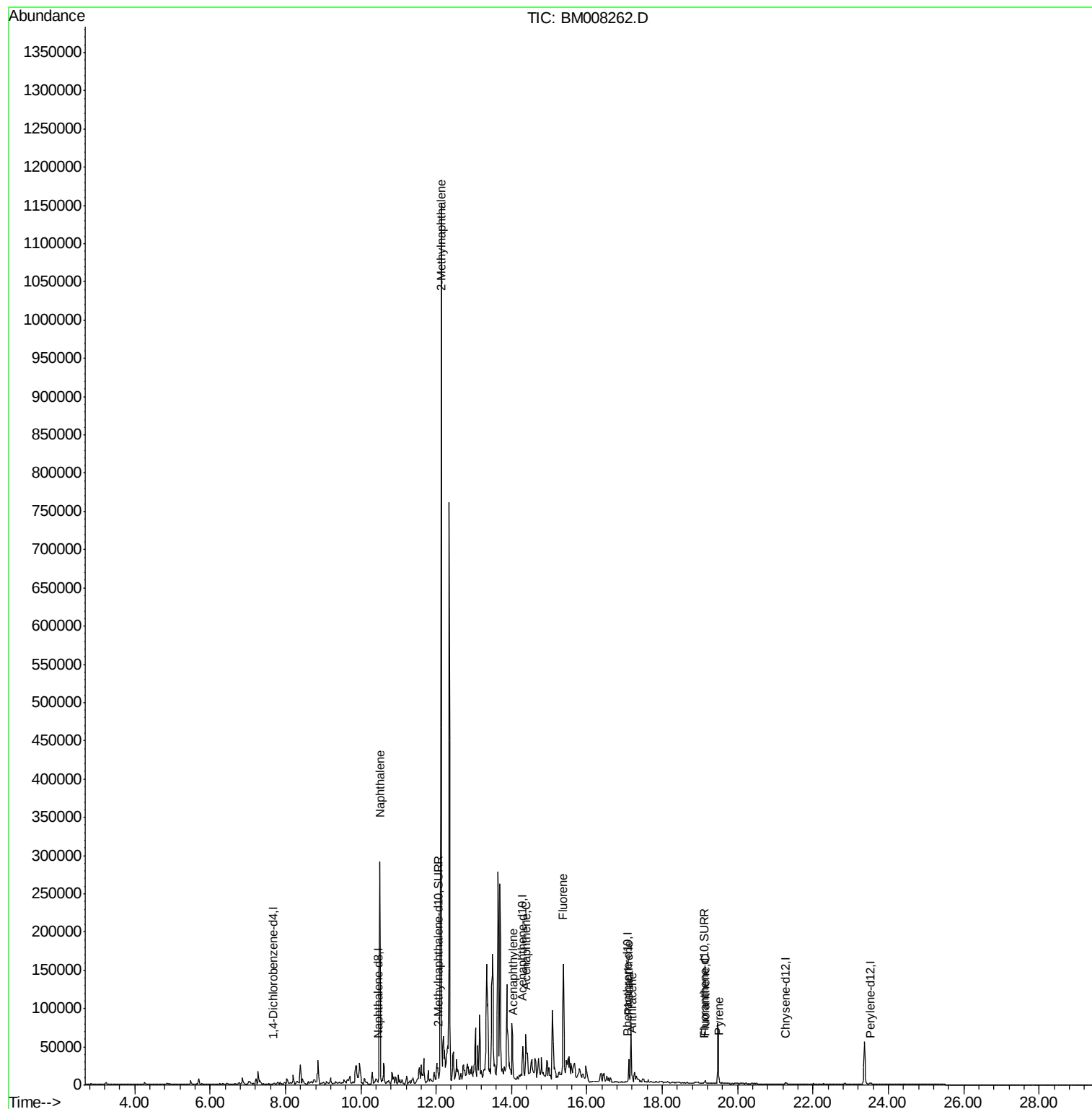
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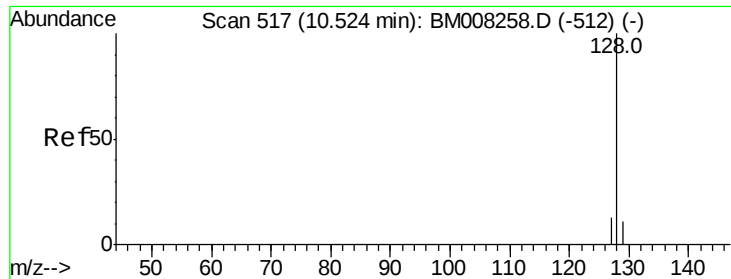
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#3

Naphthalene

Concen: 65.65 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

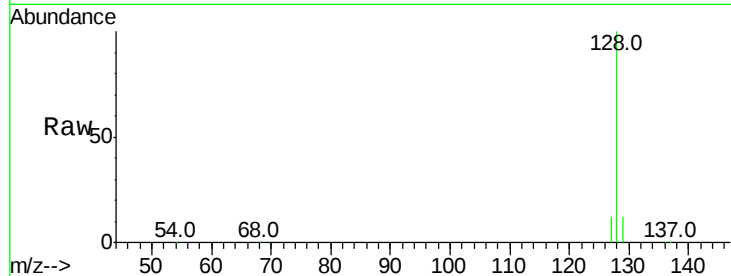
ClientSampleId :

DA817RE

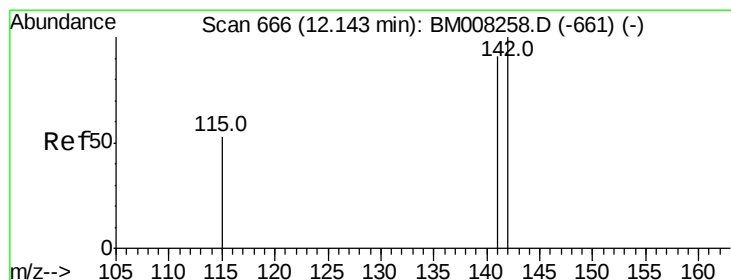
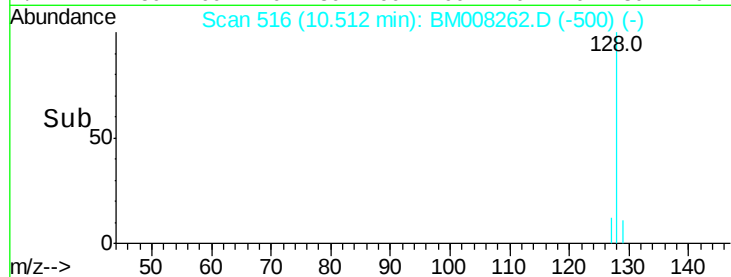
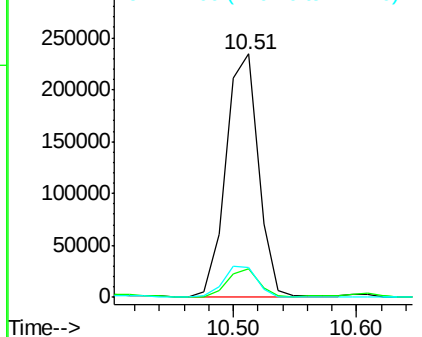
Tot Ion:	128	Resp:	430502
Ion Ratio	Lower	Upper	
128	100		
129	11.8	11.3	16.9
127	12.1	12.8	19.2#

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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: 186.07 ng/ul

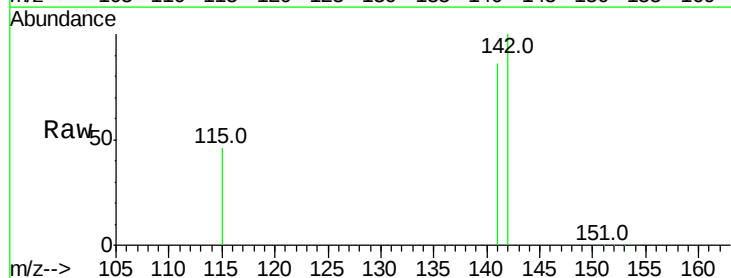
RT: 12.13 min Scan# 665

Delta R.T. -0.01 min

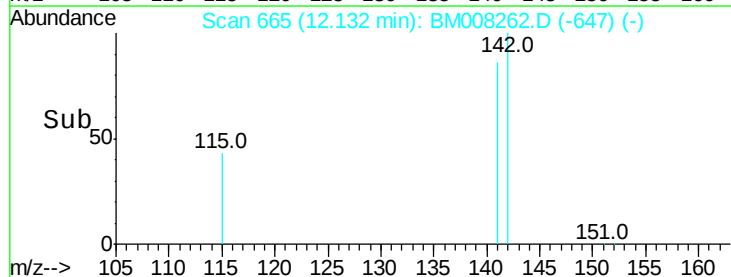
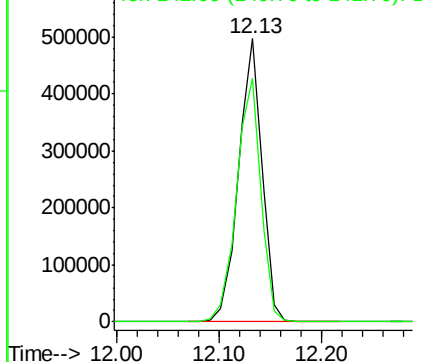
Lab File: BM008262.D

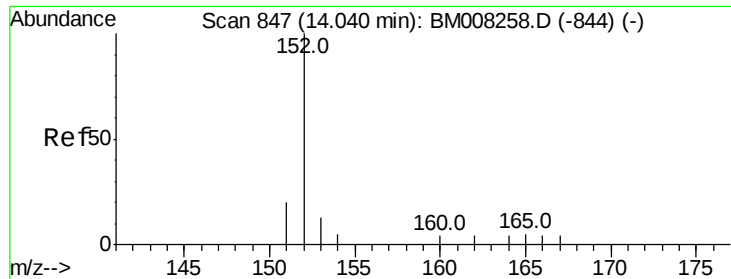
Acq: 12 Dec 2016 14:19

Tgt Ion:	142	Resp:	786540
Ion Ratio	Lower	Upper	
142	100		
141	89.0	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: 0.82 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Instrument :

BNA_M

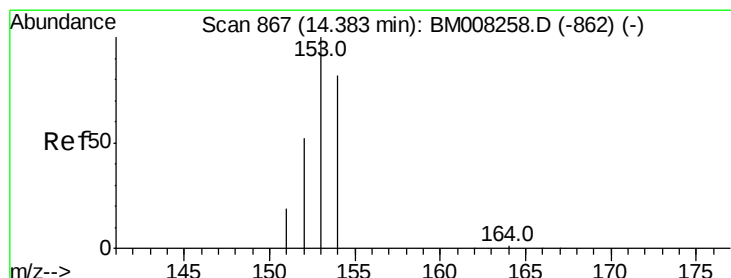
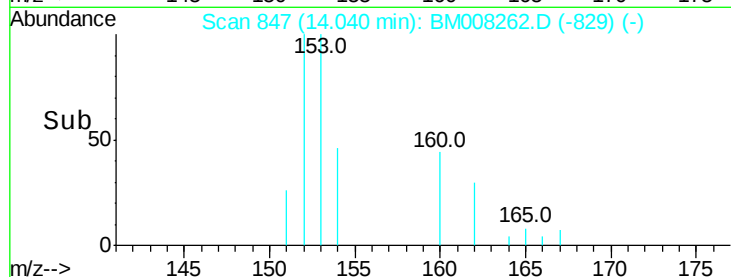
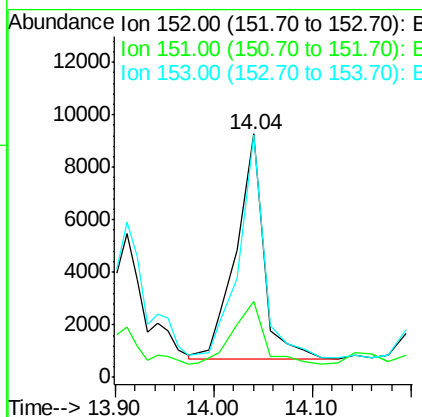
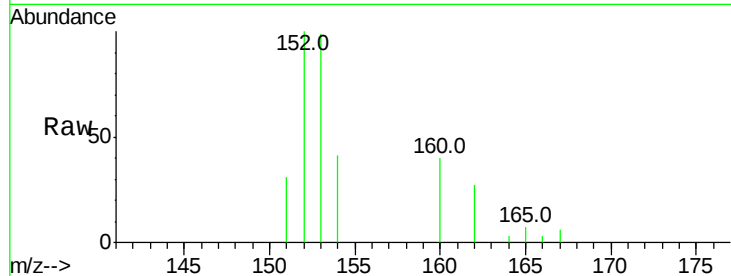
ClientSampleId :

DA817RE

Tot Ion:	152	Resp:	15404
Ion Ratio	Lower	Upper	
152	100		
151	31.2	17.1	25.7#
153	99.3	12.8	19.2#

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#8

Acenaphthene

Concen: 3.09 ng/ul

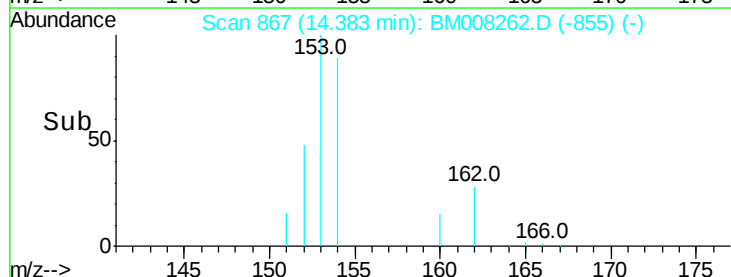
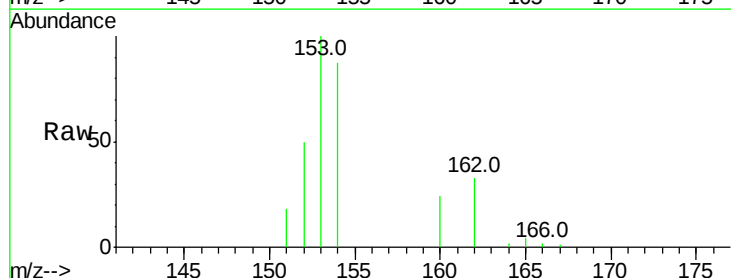
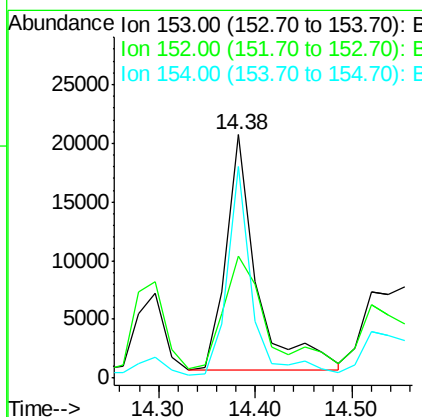
RT: 14.38 min Scan# 867

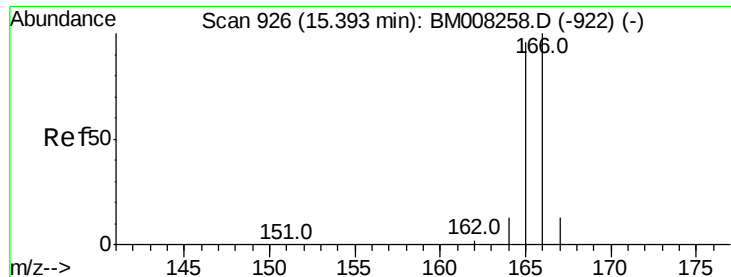
Delta R.T. 0.00 min

Lab File: BM008262.D

Acq: 12 Dec 2016 14:19

Tgt Ion:	153	Resp:	43965
Ion Ratio	Lower	Upper	
153	100		
152	50.2	40.3	60.5
154	87.0	71.4	107.2





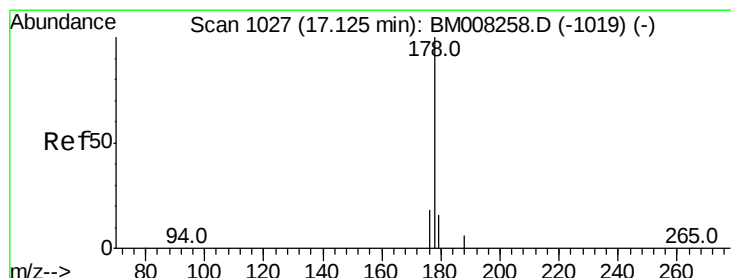
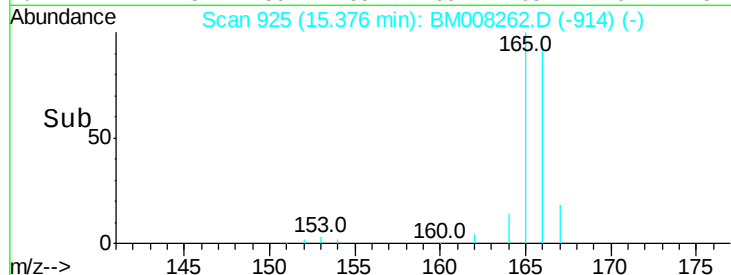
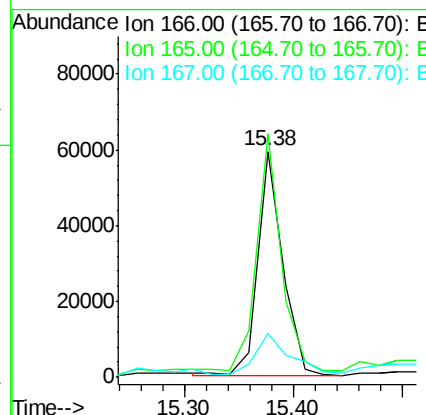
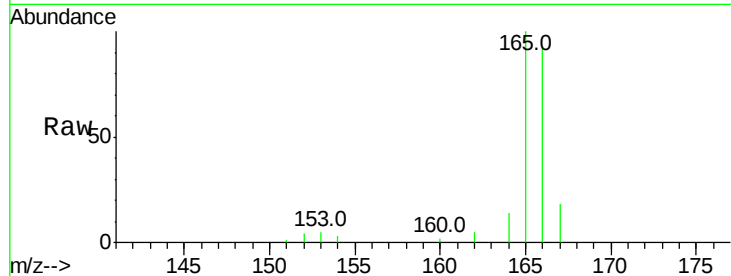
#9
Fluorene
 Concen: 5.75 ng/ul
 RT: 15.38 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BM008262.D
 Acq: 12 Dec 2016 14:19

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.7	73.4	110.2
167	19.4	14.6	22.0

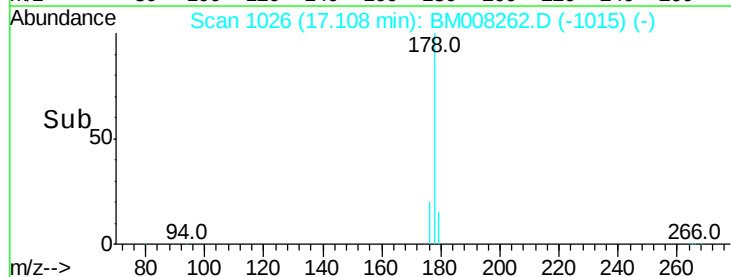
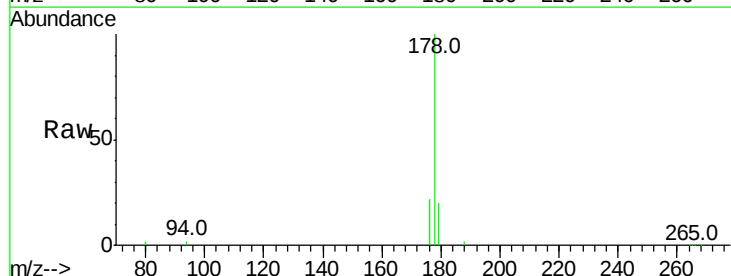
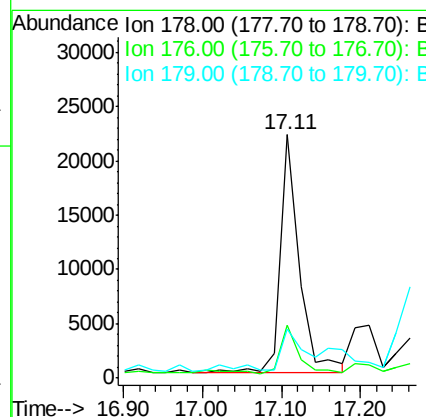
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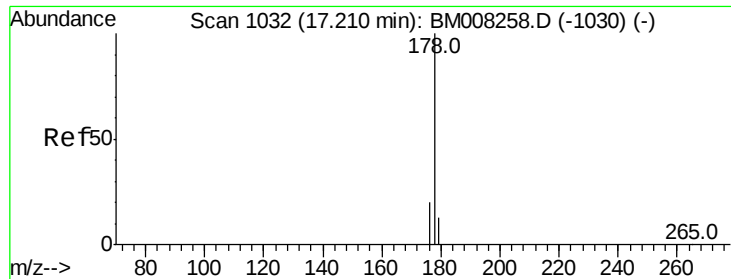
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#12
Phenanthrene
 Concen: 2.95 ng/ul
 RT: 17.11 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BM008262.D
 Acq: 12 Dec 2016 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.4	27.6
179	20.4	13.6	20.4





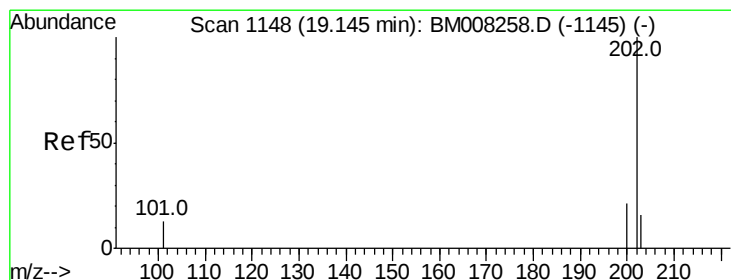
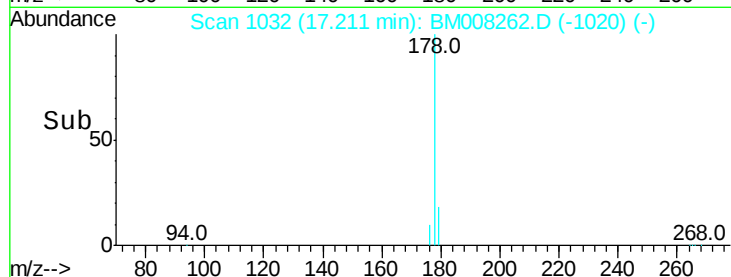
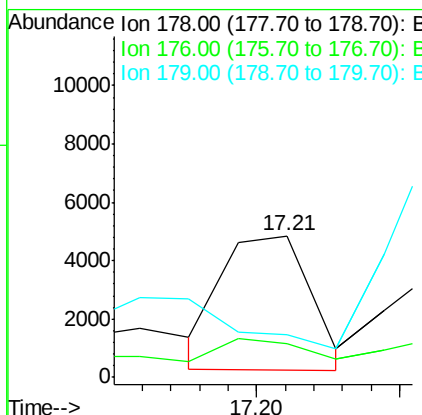
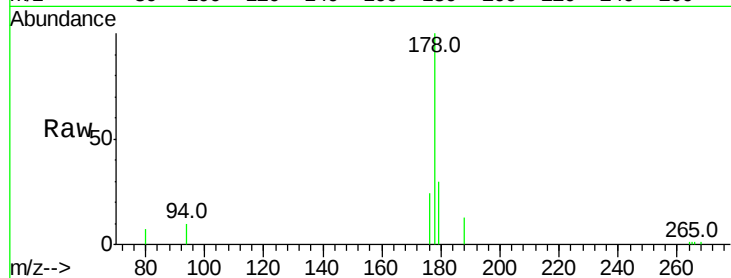
#13
 Anthracene
 Concen: 0.85 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM008262.D
 Acq: 12 Dec 2016 14:19

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Tot Ion:178 Resp: 9961
 Ion Ratio Lower Upper
 178 100
 176 24.1 18.1 27.1
 179 30.4 14.7 22.1#

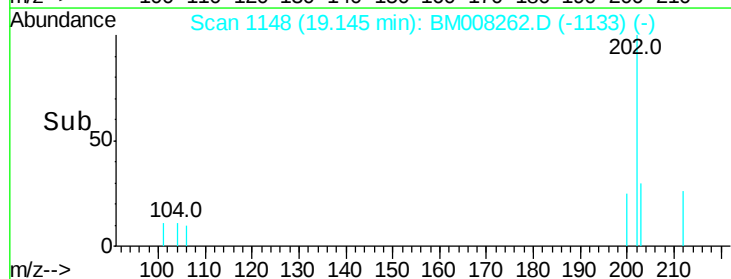
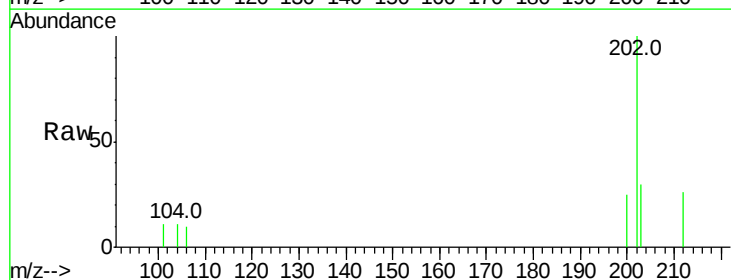
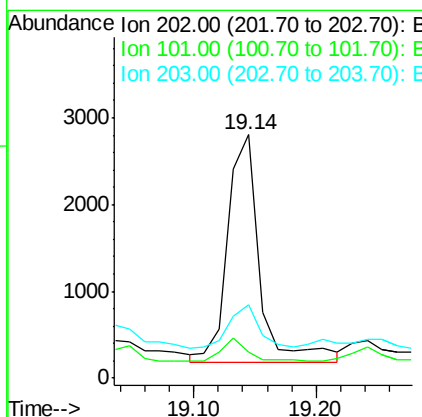
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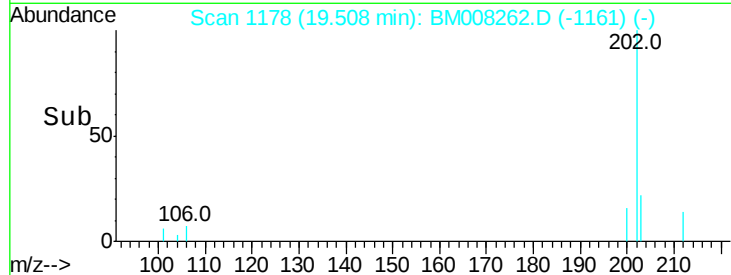
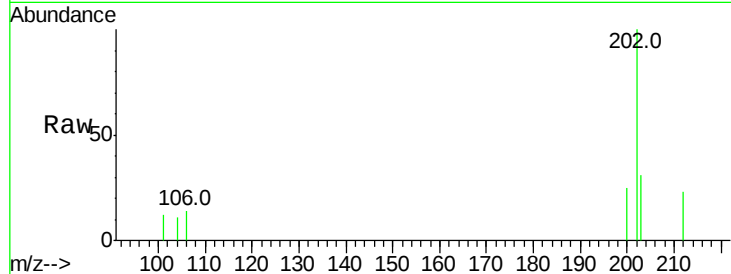
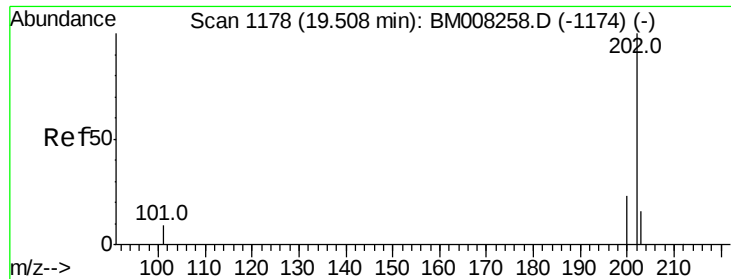
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#15
 Fluoranthene
 Concen: 0.30 ng/ul m
 RT: 19.14 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM008262.D
 Acq: 12 Dec 2016 14:19

Tgt Ion:202 Resp: 4818
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 30.3
 203 30.2 0.0 39.5





#17
 Pvrene
 Concen: 0.75 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM008262.D
 Acq: 12 Dec 2016 14:19

Instrument :
 BNA_M
 ClientSampleId :
 DA817RE

Tot Ion:	202	Resp:	4959
Ion Ratio	Lower	Upper	
202	100		
200	24.8	18.2	27.4
203	30.7	15.6	23.4

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