

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
 Data File : BM003603.D
 Acq On : 17 Dec 2015 17:29
 Operator : UM/IZ
 Sample : G4767-09DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N31DL

Manual Integrations
 APPROVED

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Quant Time: Dec 18 03:12:31 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 00:41:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2349	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	9045	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	4830	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	10343m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	9520	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9540	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2986	2.97	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	866	0.08	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1608	0.07	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	91769	4.50	ng/ul	100
7) 2-Methylnaphthalene	12.16	142	9391	0.69	ng/ul	98
9) Acenaphthylene	14.07	152	2566	0.14	ng/ul#	90
10) Acenaphthene	14.42	153	11883	0.80	ng/ul	95
11) Fluorene	15.41	166	12627	0.77	ng/ul	94
14) Phenanthrene	17.14	178	57246	2.15	ng/ul	96
17) Fluoranthene	19.17	202	13002	0.45	ng/ul	98
19) Pyrene	19.53	202	11192	0.44	ng/ul	98
20) Benzo(a)anthracene	21.29	228	872	0.04	ng/ul#	72
21) Chrysene	21.34	228	781	0.03	ng/ul#	75

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

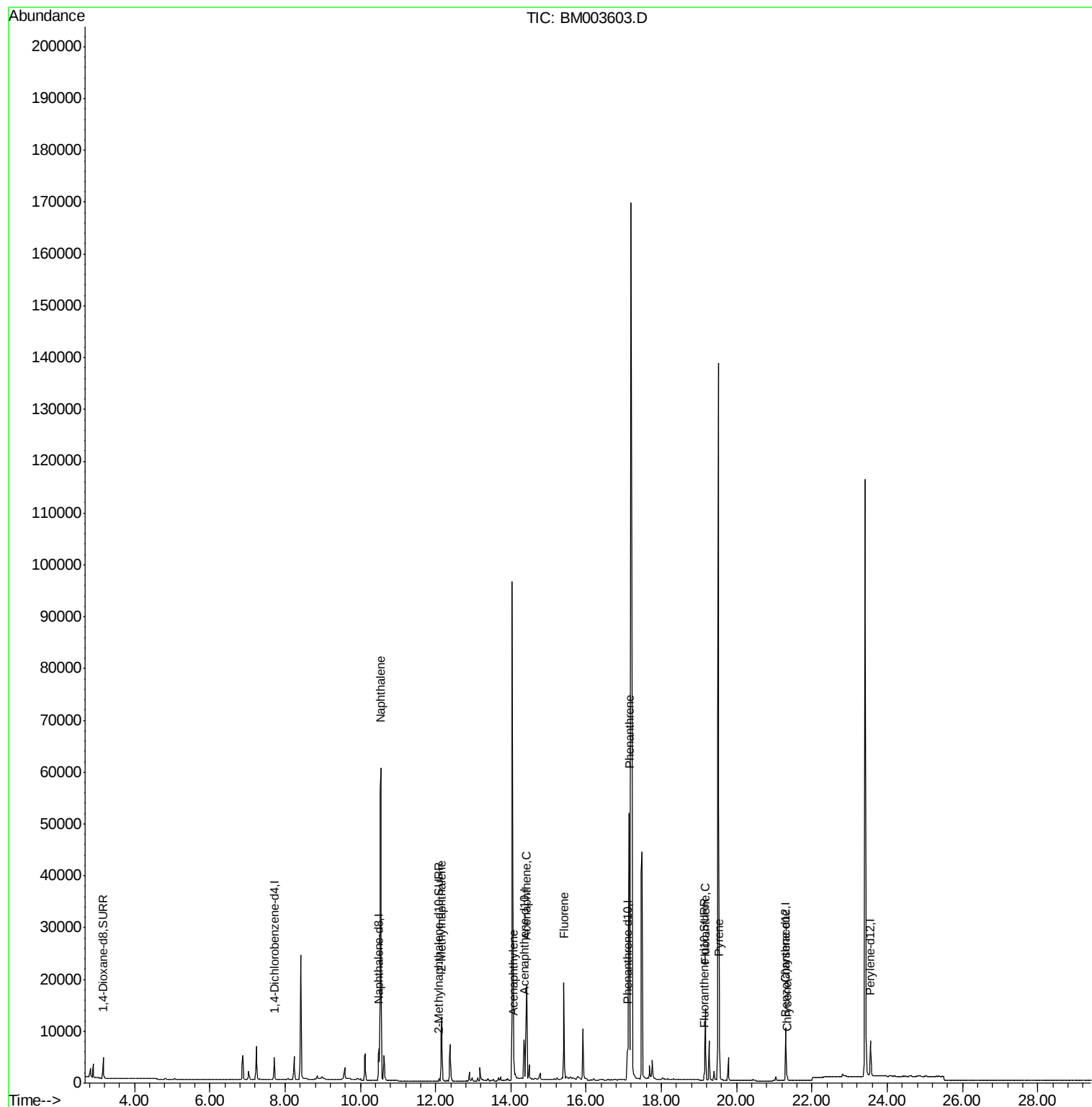
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

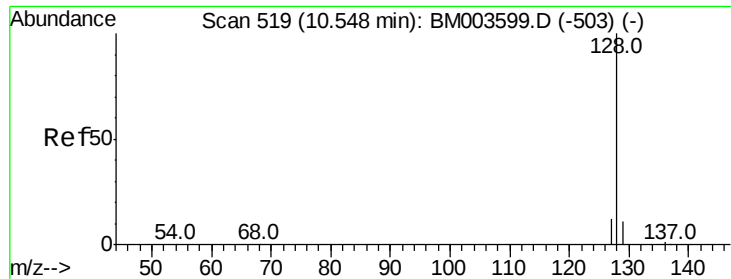
Instrument :
BNA_M
ClientSampleId :
D9N31DL

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QLast Update : Fri Dec 18 00:41:46 2015
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#5

Naphthalene

Concen: 4.50 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM003603.D

Acq: 17 Dec 2015 17:29

Instrument :

BNA_M

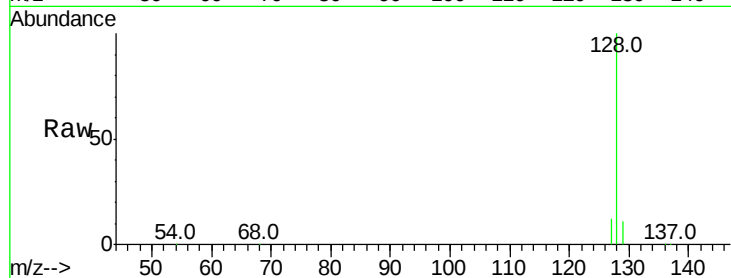
ClientSampleId :

D9N31DL

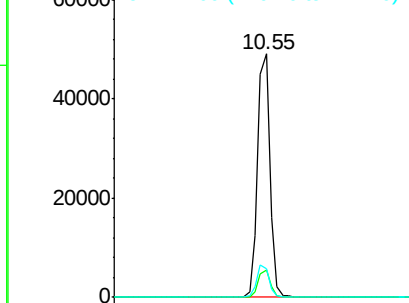
Tot Ion:128	Resp:	91769
Ion Ratio	Lower	Upper
128 100		
129 11.5	9.0	13.6
127 11.9	9.6	14.4

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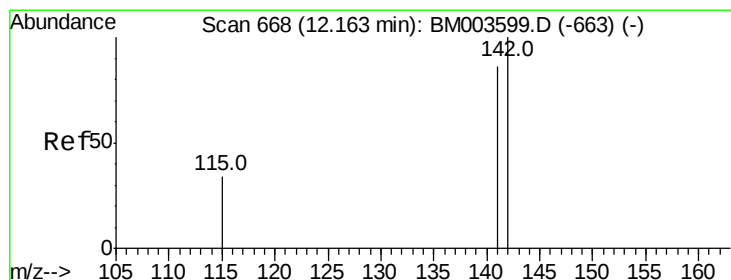
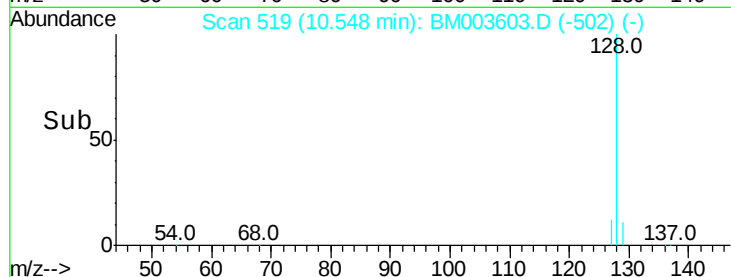
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->



#7

2-Methylnaphthalene

Concen: 0.69 ng/ul

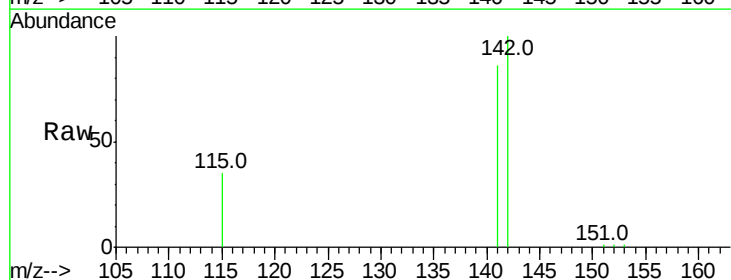
RT: 12.16 min Scan# 668

Delta R.T. -0.00 min

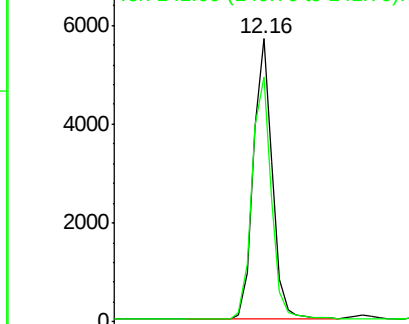
Lab File: BM003603.D

Acq: 17 Dec 2015 17:29

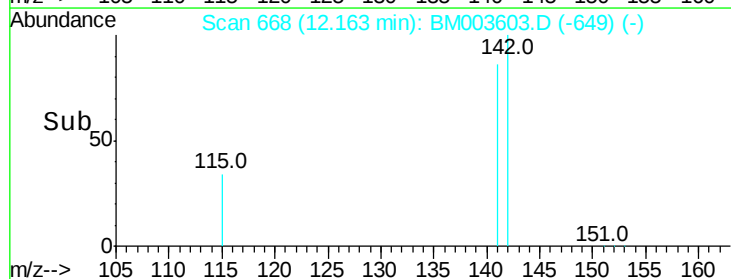
Tgt Ion:142	Resp:	9391
Ion Ratio	Lower	Upper
142 100		
141 89.6	70.3	105.5

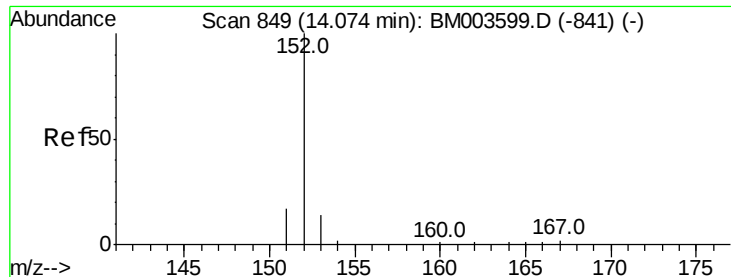


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003603.D

Acq: 17 Dec 2015 17:29

Instrument :

BNA_M

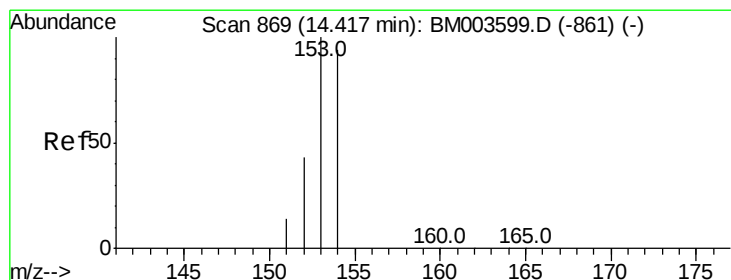
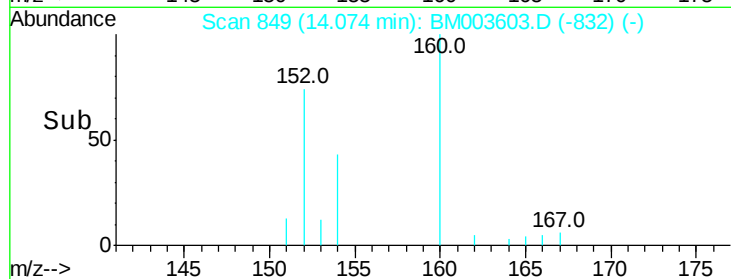
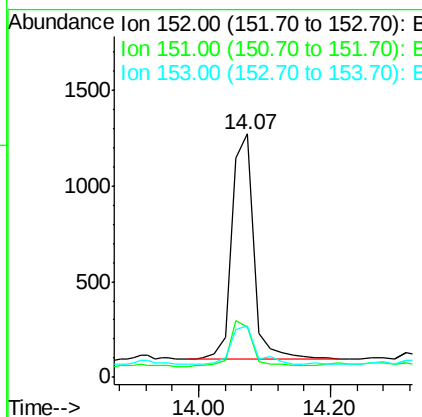
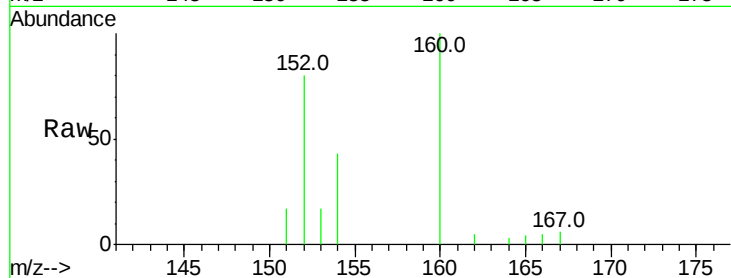
ClientSampleId :

D9N31DL

Tot Ion:	152	Resp:	2566
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.6	26.4
153	21.1	9.7	14.5#

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#10

Acenaphthene

Concen: 0.80 ng/ul

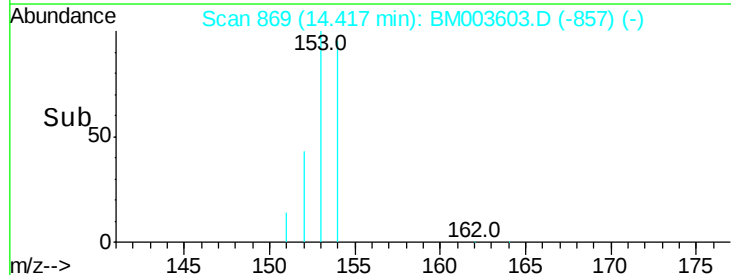
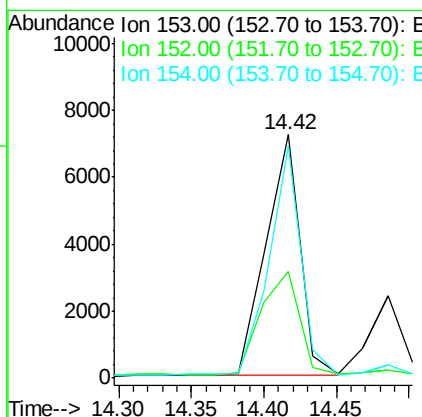
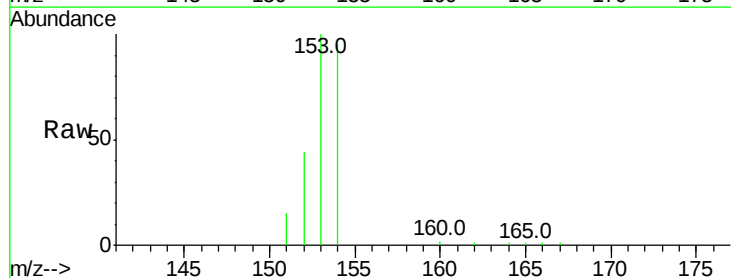
RT: 14.42 min Scan# 869

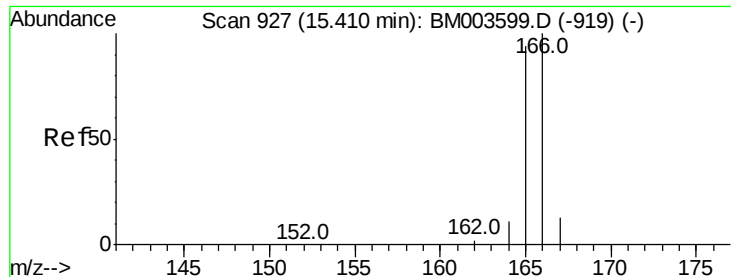
Delta R.T. -0.00 min

Lab File: BM003603.D

Acq: 17 Dec 2015 17:29

Tgt Ion:	153	Resp:	11883
Ion Ratio	Lower	Upper	
153	100		
152	43.8	33.9	50.9
154	95.2	80.6	121.0





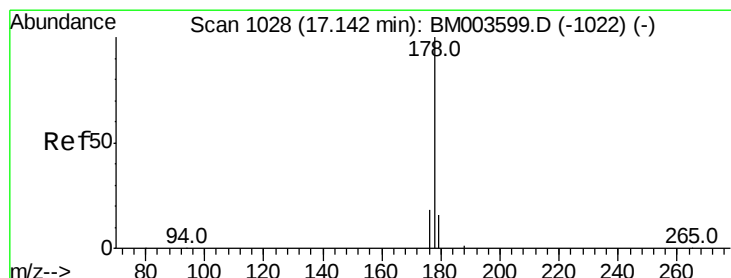
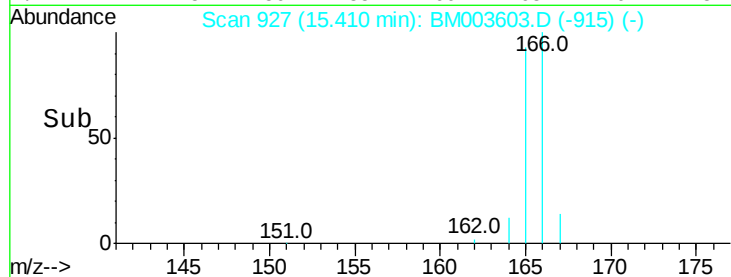
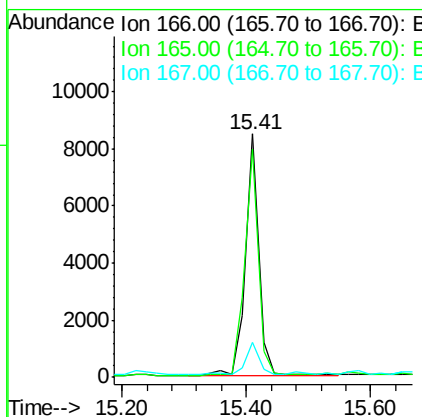
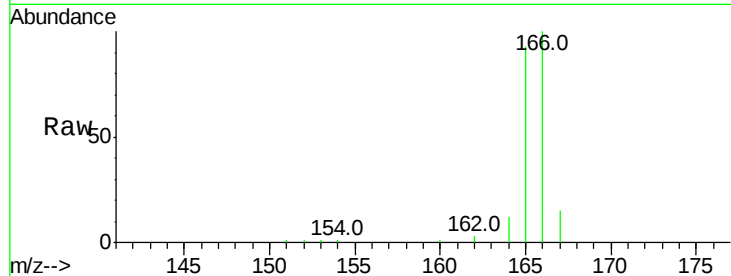
#11
Fluorene
Concen: 0.77 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM003603.D
Acq: 17 Dec 2015 17:29

Instrument :
BNA_M
ClientSampleId :
D9N31DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.5	69.6	104.4
167	14.6	11.9	17.9

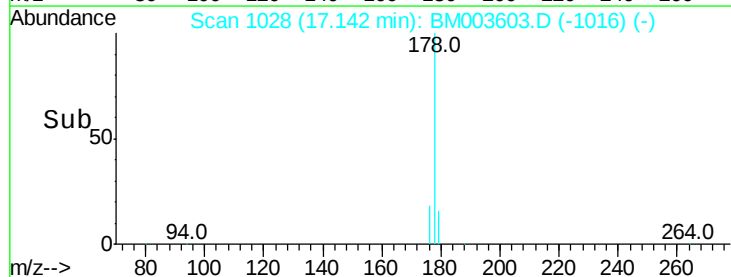
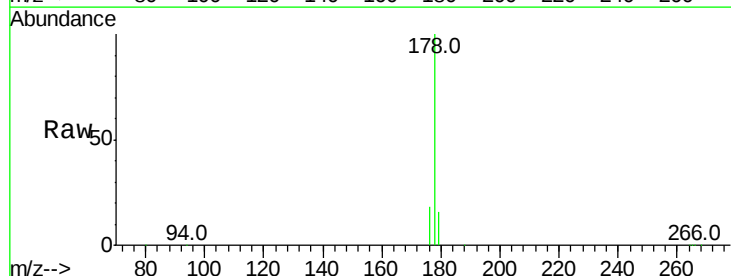
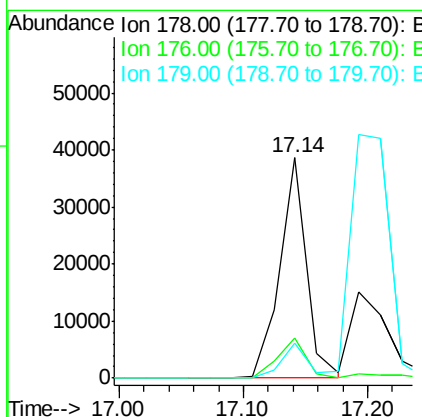
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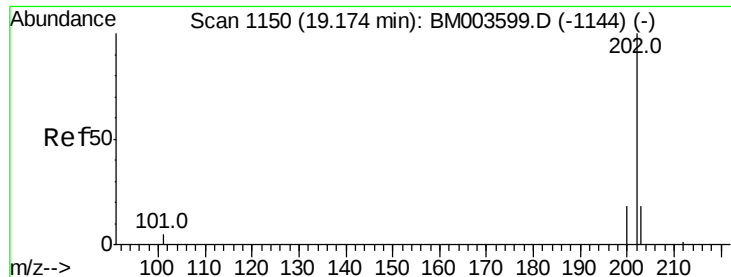
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#14
Phenanthrene
Concen: 2.15 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM003603.D
Acq: 17 Dec 2015 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	13.0	19.4
179	15.9	14.2	21.2





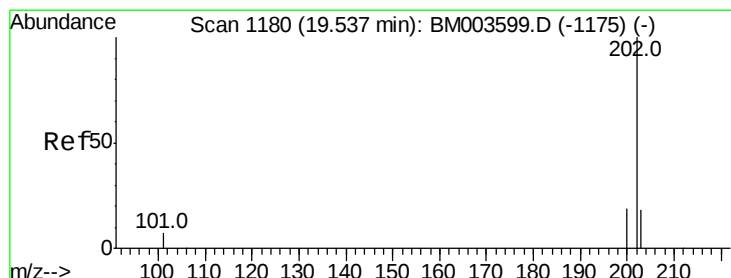
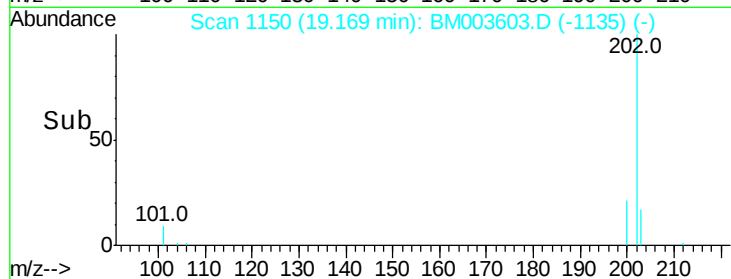
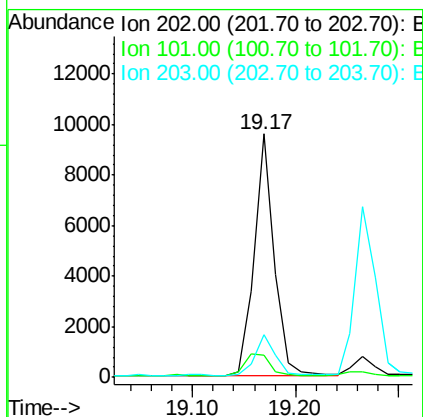
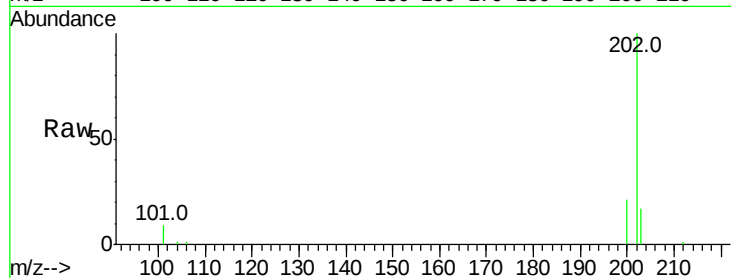
#17
Fluoranthene
 Concen: 0.45 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM003603.D
 Acq: 17 Dec 2015 17:29

Instrument :
 BNA_M
 ClientSampleId :
 D9N31DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	13002		
101	9.2	0.0	29.6	
203	17.5	0.0	36.3	

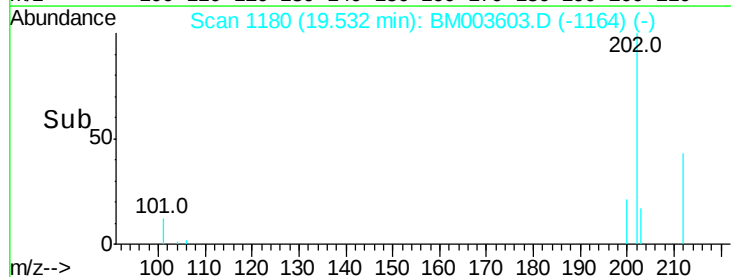
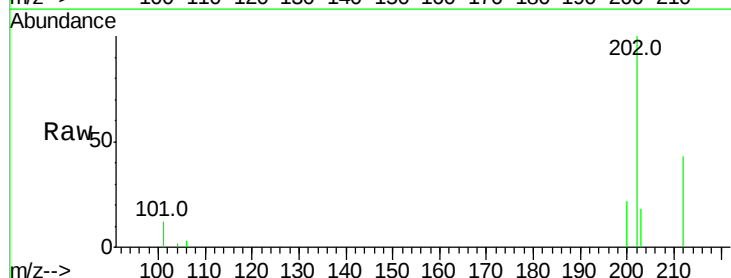
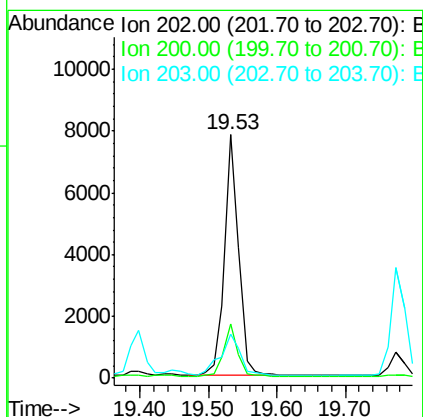
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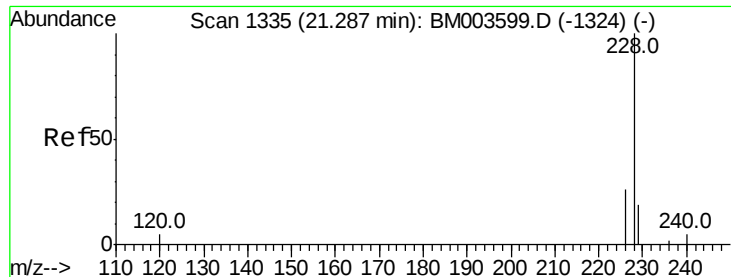
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#19
Pyrene
 Concen: 0.44 ng/ul
 RT: 19.53 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM003603.D
 Acq: 17 Dec 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	11192		
200	22.0	17.8	26.8	
203	18.0	12.8	19.2	





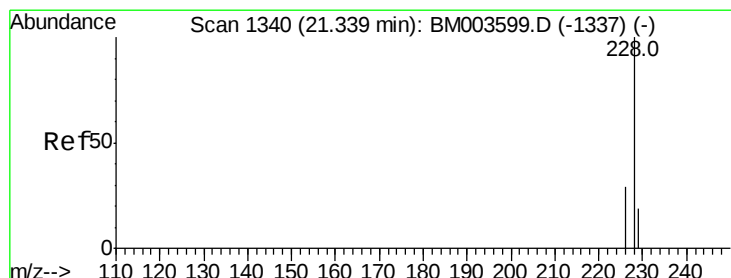
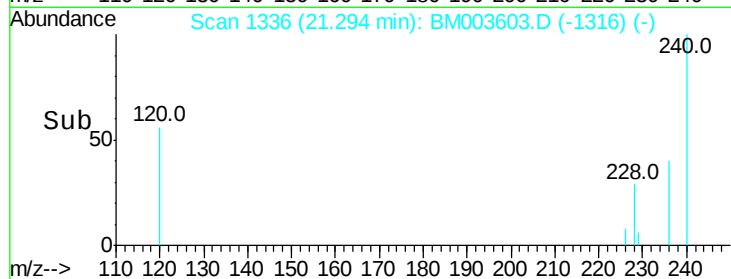
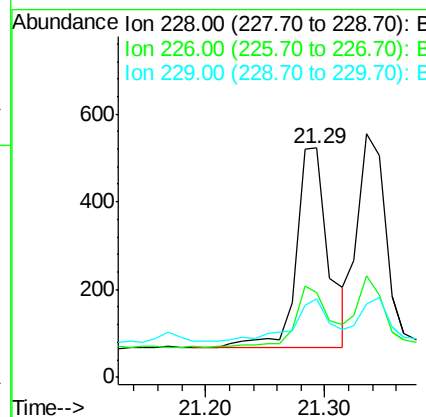
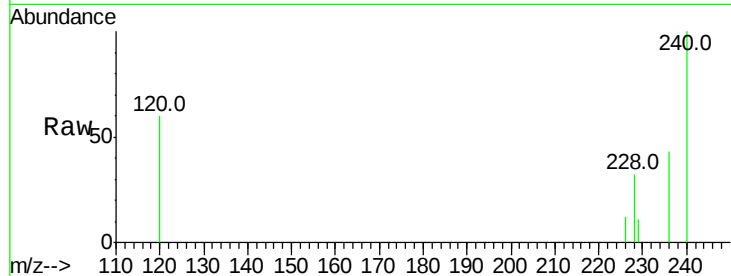
#20
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BM003603.D
Acq: 17 Dec 2015 17:29

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	37.1	18.8	28.2#
229	34.4	17.1	25.7#

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#21
Chrysene
Concen: 0.03 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003603.D
Acq: 17 Dec 2015 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.6	21.2	31.8#
229	30.1	17.0	25.6#

