

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003849.D
 Acq On : 29 Dec 2015 04:07
 Operator : SJ/UM
 Sample : G4848-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N62

Manual Integrations
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UMANGI
 12/29/2015 5:42:18 PM

Quant Time: Dec 29 15:30:48 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 : Tue Dec 29 08:19:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4046	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18146	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11170	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	24116m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	18561	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	12723m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	25604	14.81	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	10279	0.47	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	24125	0.47	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	842545	20.61	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	76154	2.77	ng/ul	99
9) Acenaphthylene	14.04	152	8594	0.20	ng/ul#	96
10) Acenaphthene	14.38	153	97626	2.84	ng/ul#	80
11) Fluorene	15.39	166	62760m	1.65	ng/ul	
14) Phenanthrene	17.11	178	204247m	3.28	ng/ul	
15) Anthracene	17.21	178	14039	0.26	ng/ul	98
17) Fluoranthene	19.14	202	68724	1.02	ng/ul	99
19) Pyrene	19.51	202	50052	1.00	ng/ul	98
20) Benzo(a)anthracene	21.26	228	5849	0.13	ng/ul#	94
21) Chrysene	21.31	228	5290m	0.10	ng/ul	

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

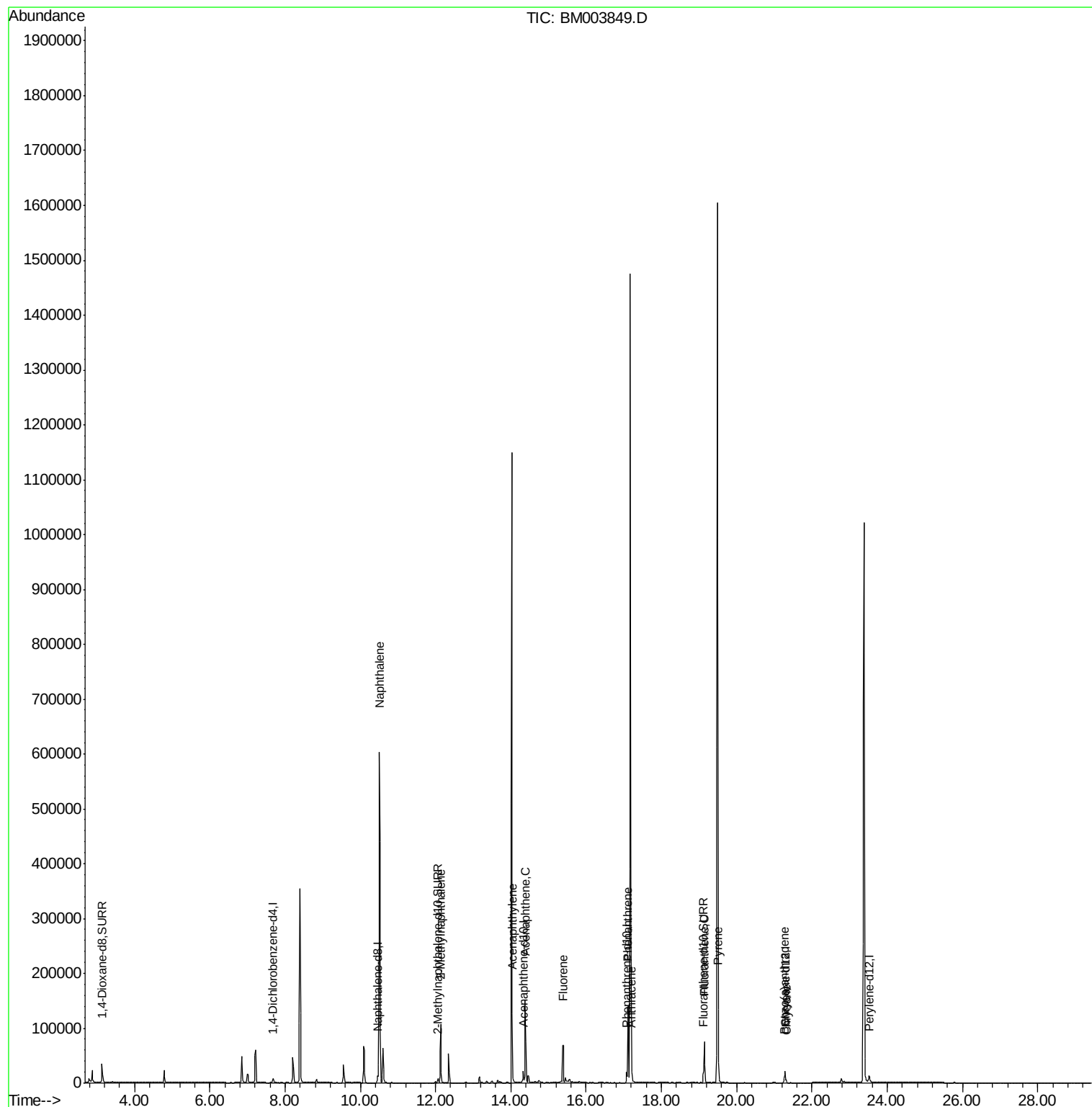
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003849.D
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ALS Vial : 18 Sample Multiplier: 1

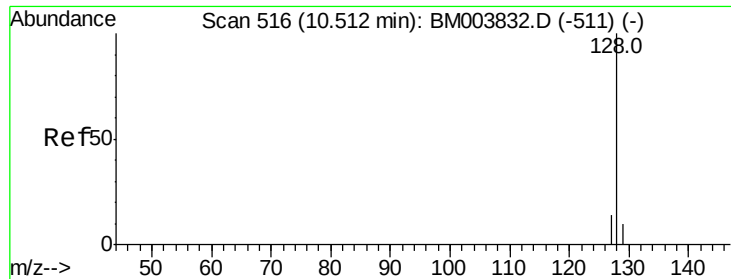
Instrument :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Response via : Initial Calibration





#5

Naphthalene

Concen: 20.61 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_M

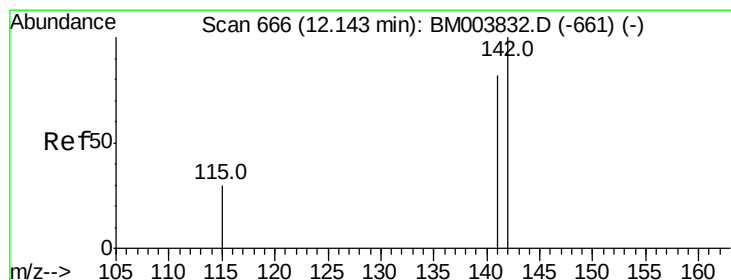
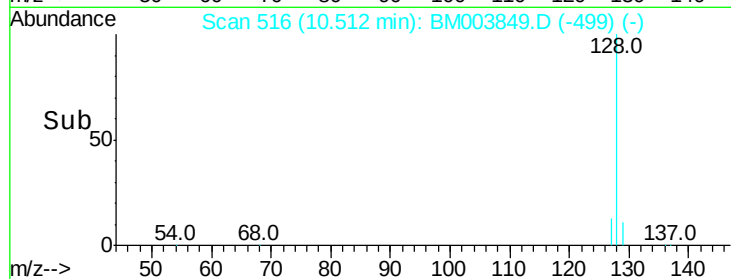
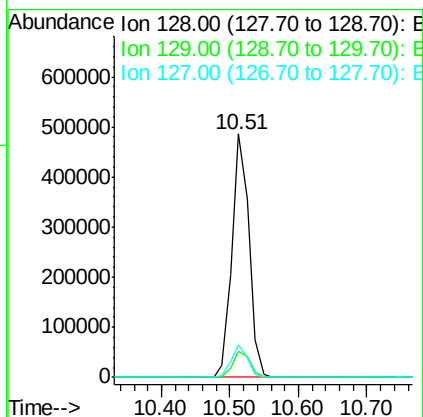
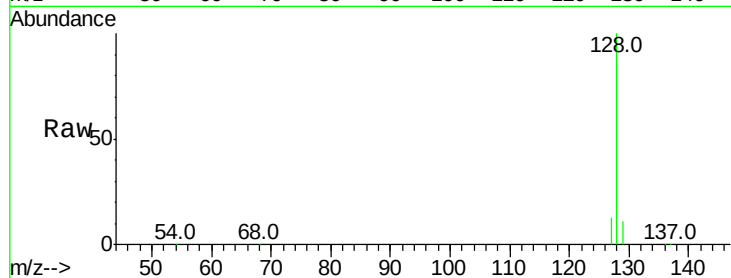
ClientSampleId :

D9N62

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Tot Ion:128	Resp:	842545
Ion Ratio	Lower	Upper
128 100		
129 10.7	9.0	13.6
127 13.2	9.6	14.4



#7

2-Methylnaphthalene

Concen: 2.77 ng/ul

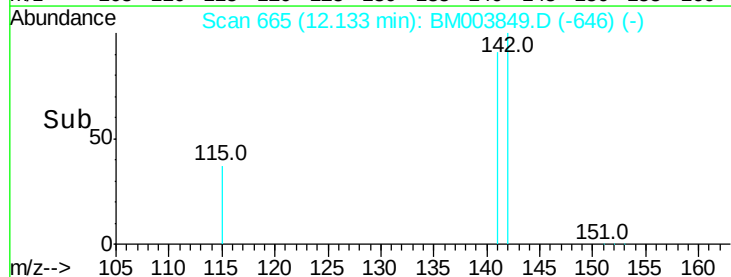
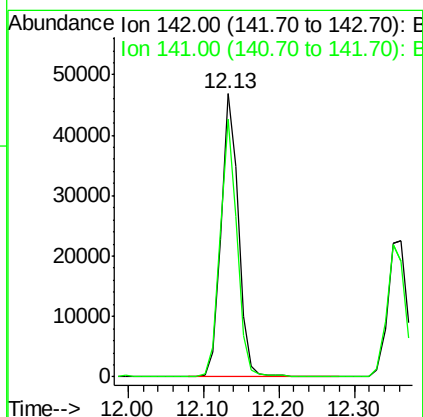
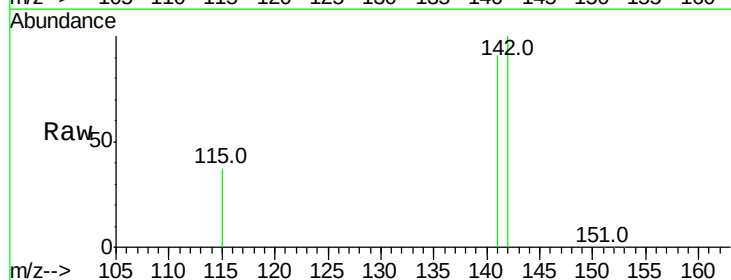
RT: 12.13 min Scan# 665

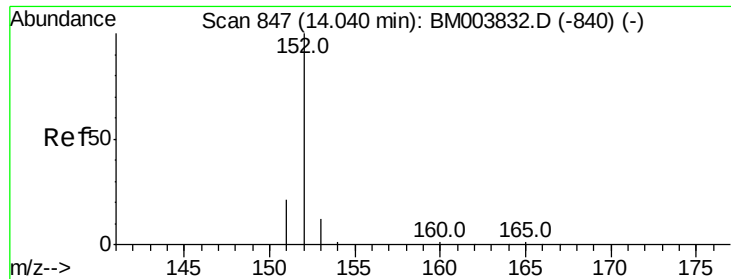
Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Tgt Ion:142	Resp:	76154
Ion Ratio	Lower	Upper
142 100		
141 88.7	70.3	105.5





#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_M

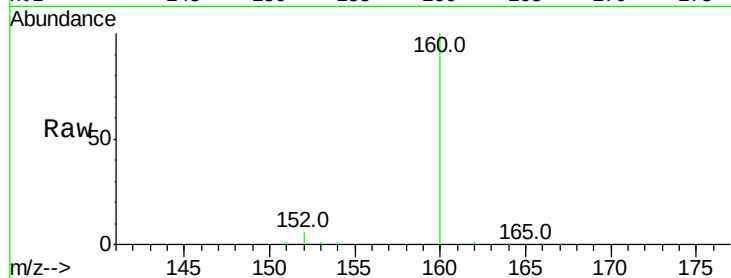
ClientSampleId :

D9N62

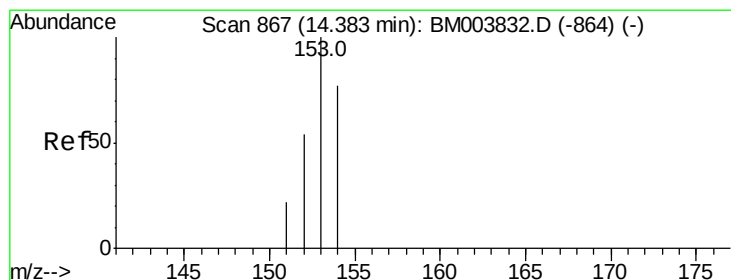
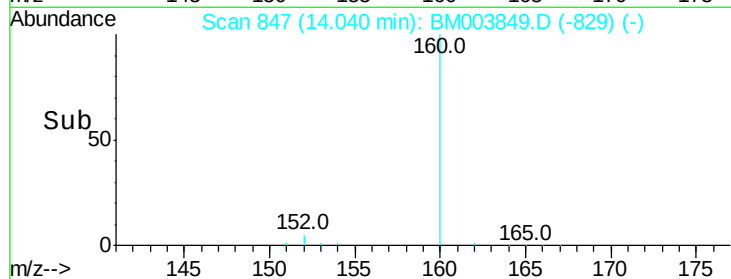
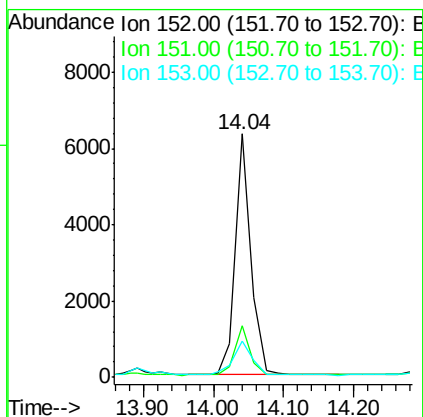
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Tot Ion:	152	Resp:	8594
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.6	26.4
153	14.9	9.7	14.5#



#10

Acenaphthene

Concen: 2.84 ng/ul

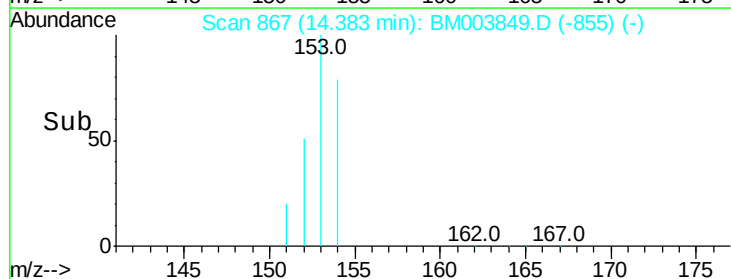
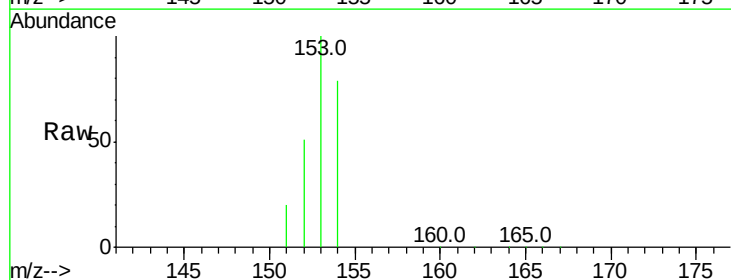
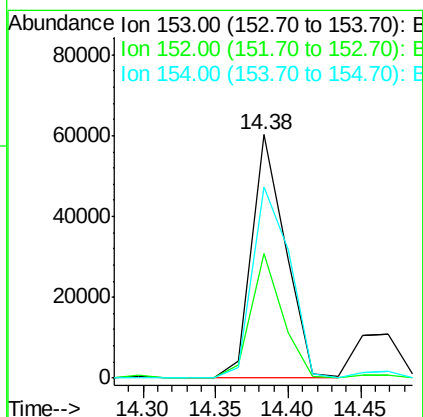
RT: 14.38 min Scan# 867

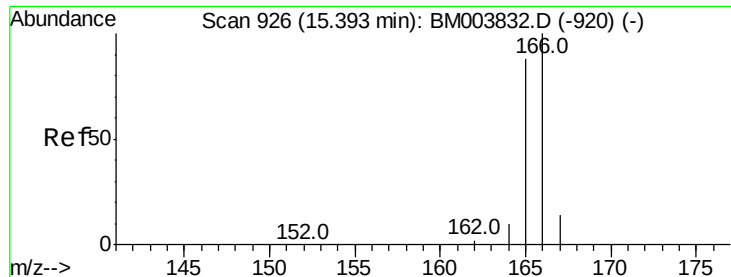
Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Tgt Ion:	153	Resp:	97626
Ion Ratio	Lower	Upper	
153	100		
152	51.4	33.9	50.9#
154	78.6	80.6	121.0#





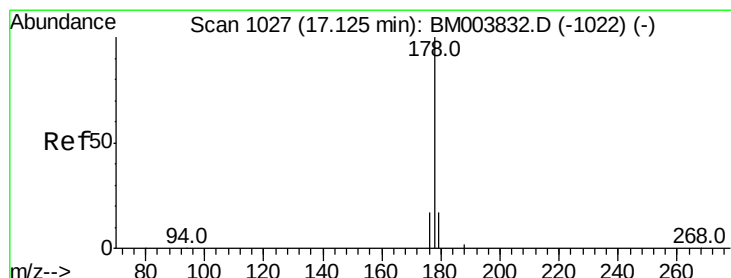
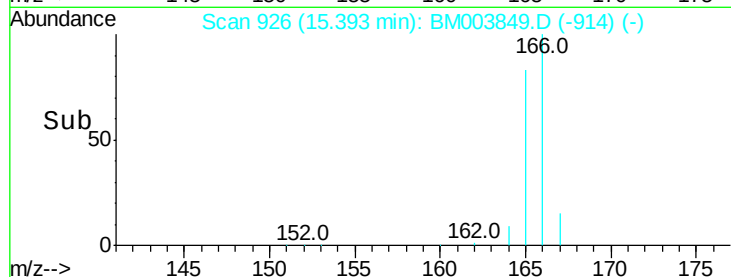
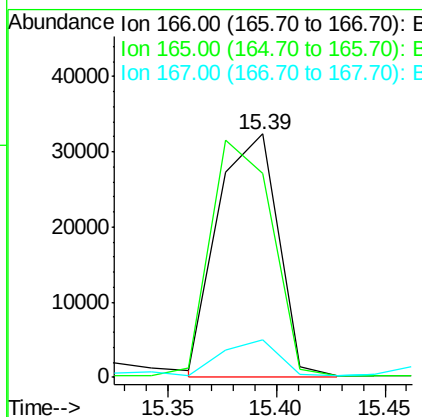
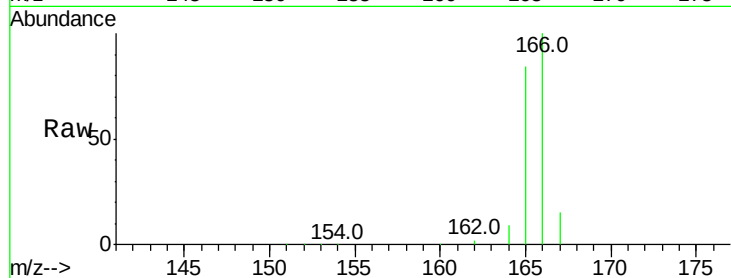
#11
Fluorene
Concen: 1.65 ng/ul m
RT: 15.39 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM003849.D
Acq: 29 Dec 2015 04:07

Instrument :
BNA_M
ClientSampleId :
D9N62

Tot Ion	Ratio	Lower	Upper
166	100		
165	83.5	69.6	104.4
167	15.3	11.9	17.9

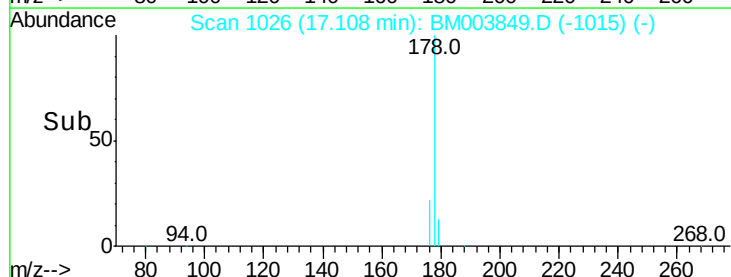
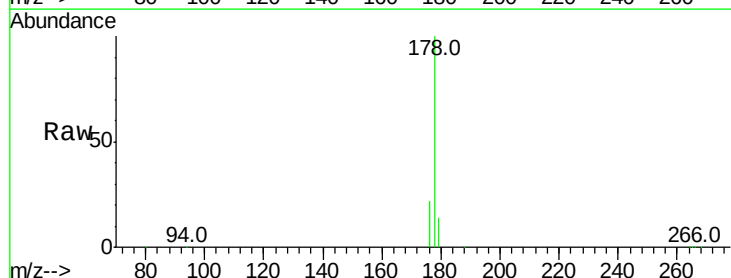
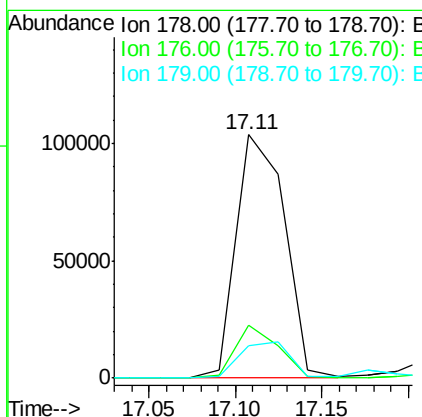
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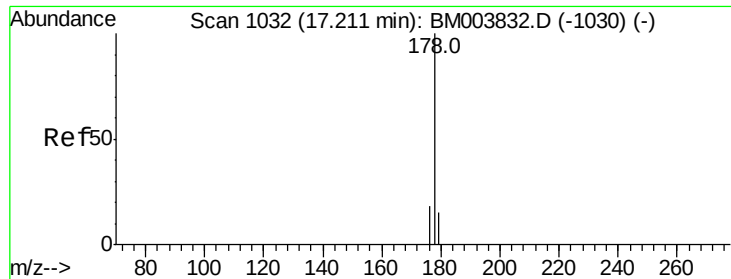
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#14
Phenanthrene
Concen: 3.28 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003849.D
Acq: 29 Dec 2015 04:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	13.6	14.2	21.2#





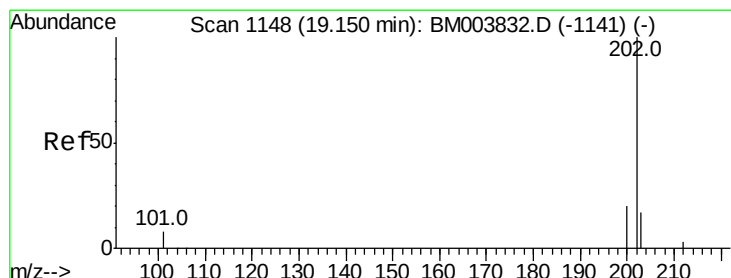
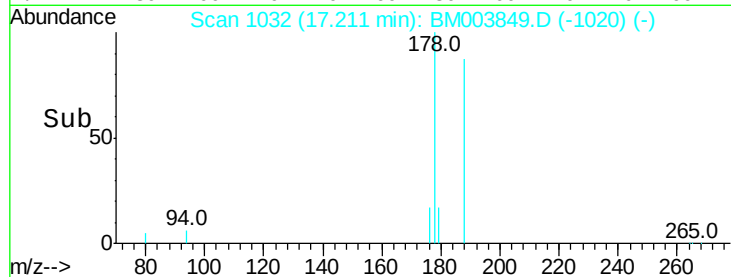
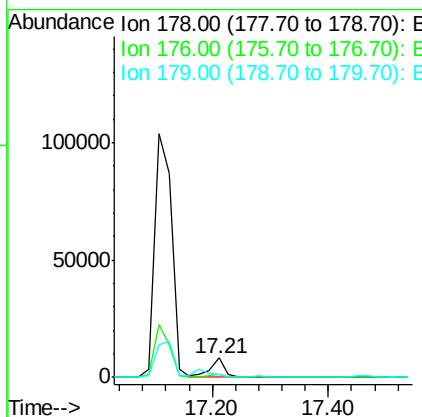
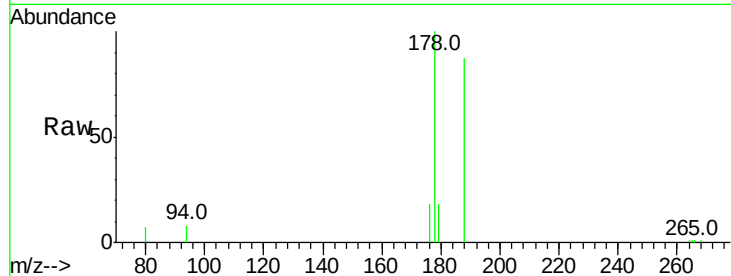
#15
 Anthracene
 Concen: 0.26 ng/ul
 RT: 17.21 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BM003849.D
 Acq: 29 Dec 2015 04:07

Instrument :
 BNA_M
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 D9N62

Tot Ion:178 Resp: 14039
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.0 21.0
 179 17.6 12.9 19.3

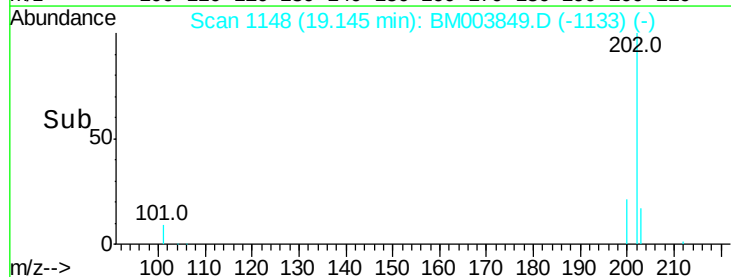
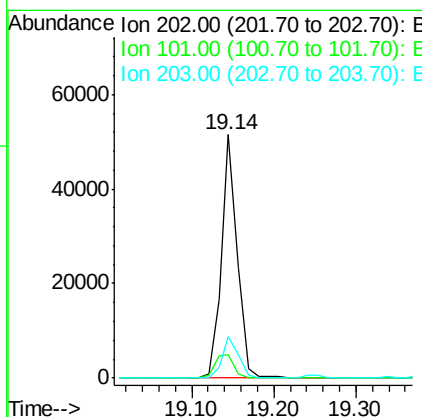
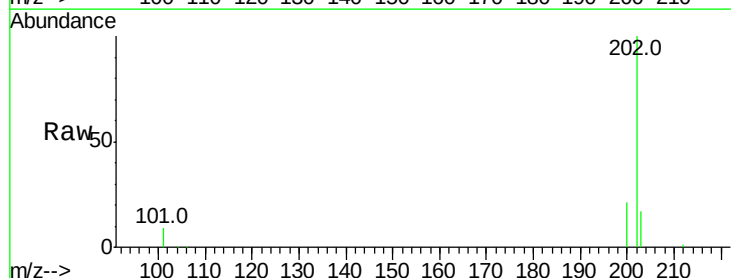
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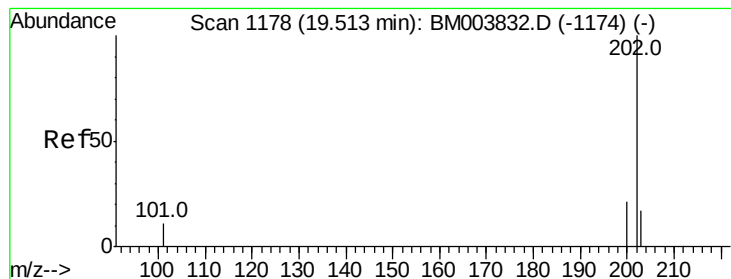
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#17
 Fluoranthene
 Concen: 1.02 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM003849.D
 Acq: 29 Dec 2015 04:07

Tgt Ion:202 Resp: 68724
 Ion Ratio Lower Upper
 202 100
 101 9.5 0.0 29.6
 203 16.9 0.0 36.3





#19

Pvrene

Concen: 1.00 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Instrument :

BNA_M

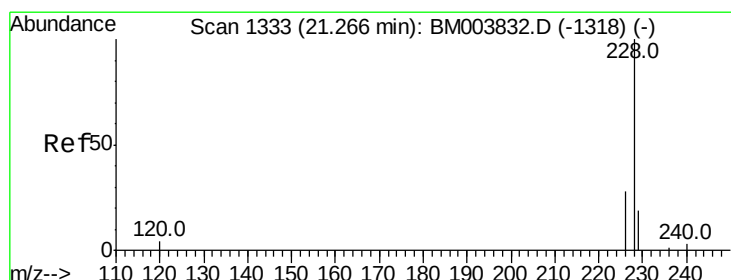
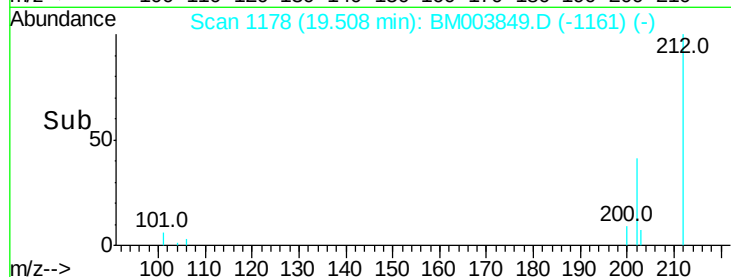
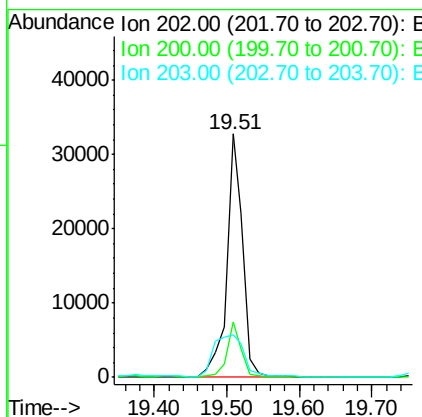
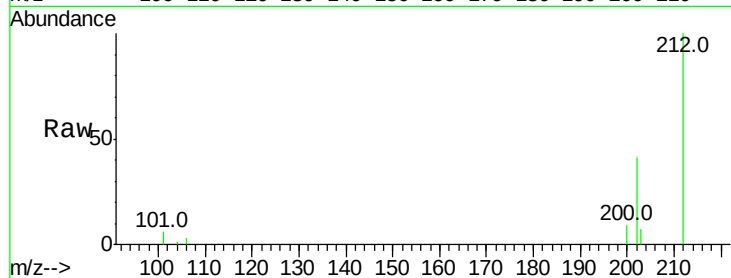
ClientSampleId :

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Tot Ion:	202	Resp:	50052
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	17.4	12.8	19.2

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#20

Benzo(a)anthracene

Concen: 0.13 ng/ul

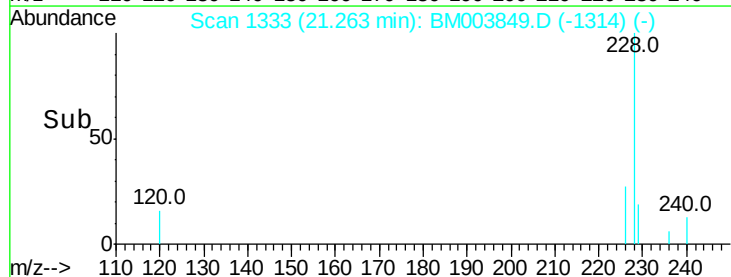
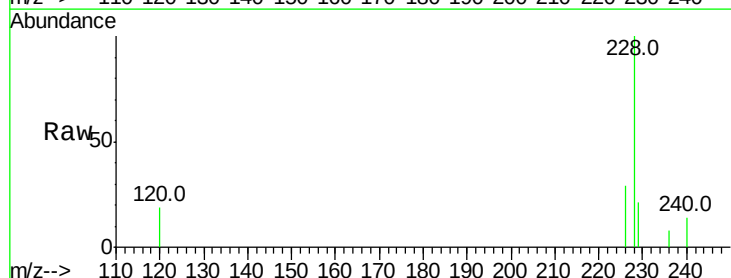
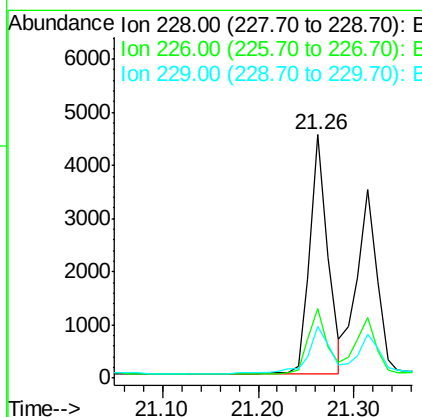
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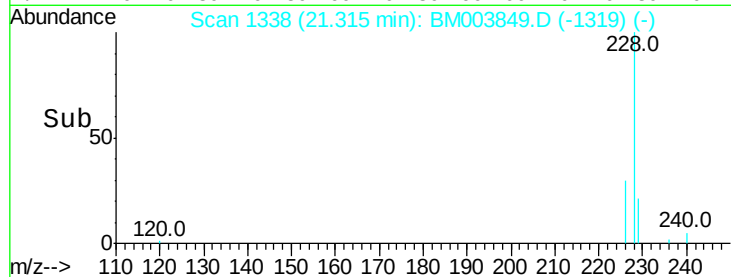
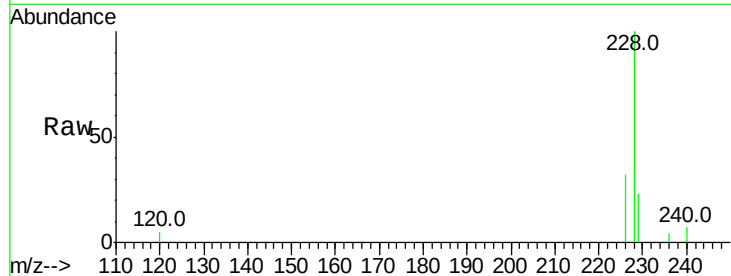
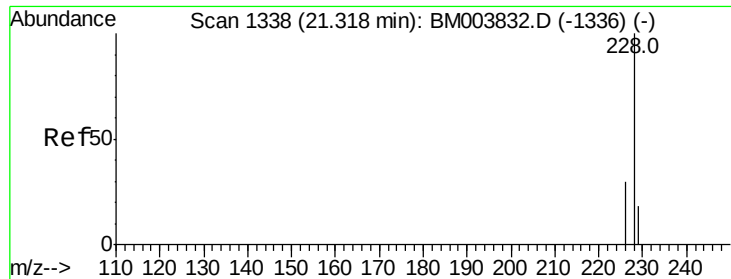
Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Tgt Ion:	228	Resp:	5849
Ion Ratio	Lower	Upper	
228	100		
226	28.5	18.8	28.2#
229	21.1	17.1	25.7





#21

Chrysene

Concen: 0.10 ng/ul m

RT: 21.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM003849.D

Acq: 29 Dec 2015 04:07

Tot Ion:	228	Resp:	5290
Ion Ratio	Lower	Upper	
228	100		
226	31.9	21.2	31.8#
229	23.2	17.0	25.6

Instrument :

BNA_M

ClientSampleId :

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