

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003862.D
 Acq On : 29 Dec 2015 22:56
 Operator : SJ/UM
 Sample : G4849-02DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N68DL

Manual Integrations
 APPROVED

Sohil
 12/30/2015 3:50:58 PM

Quant Time: Dec 30 10:32:29 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 : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4268	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18586	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	10925	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	25277	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21528	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	18033	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5513	3.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	2085	0.09	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	5317	0.10	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	103755	2.48	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	12186	0.43	ng/ul	99
10) Acenaphthene	14.38	153	6873	0.20	ng/ul#	82
11) Fluorene	15.38	166	9329m	0.25	ng/ul	
14) Phenanthrene	17.11	178	29725m	0.46	ng/ul	
15) Anthracene	17.21	178	3503	0.06	ng/ul#	92
17) Fluoranthene	19.14	202	13358	0.19	ng/ul	98
19) Pyrene	19.51	202	10156	0.17	ng/ul	97
20) Benzo(a)anthracene	21.26	228	1719	0.03	ng/ul#	89
21) Chrysene	21.31	228	1753m	0.03	ng/ul	

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

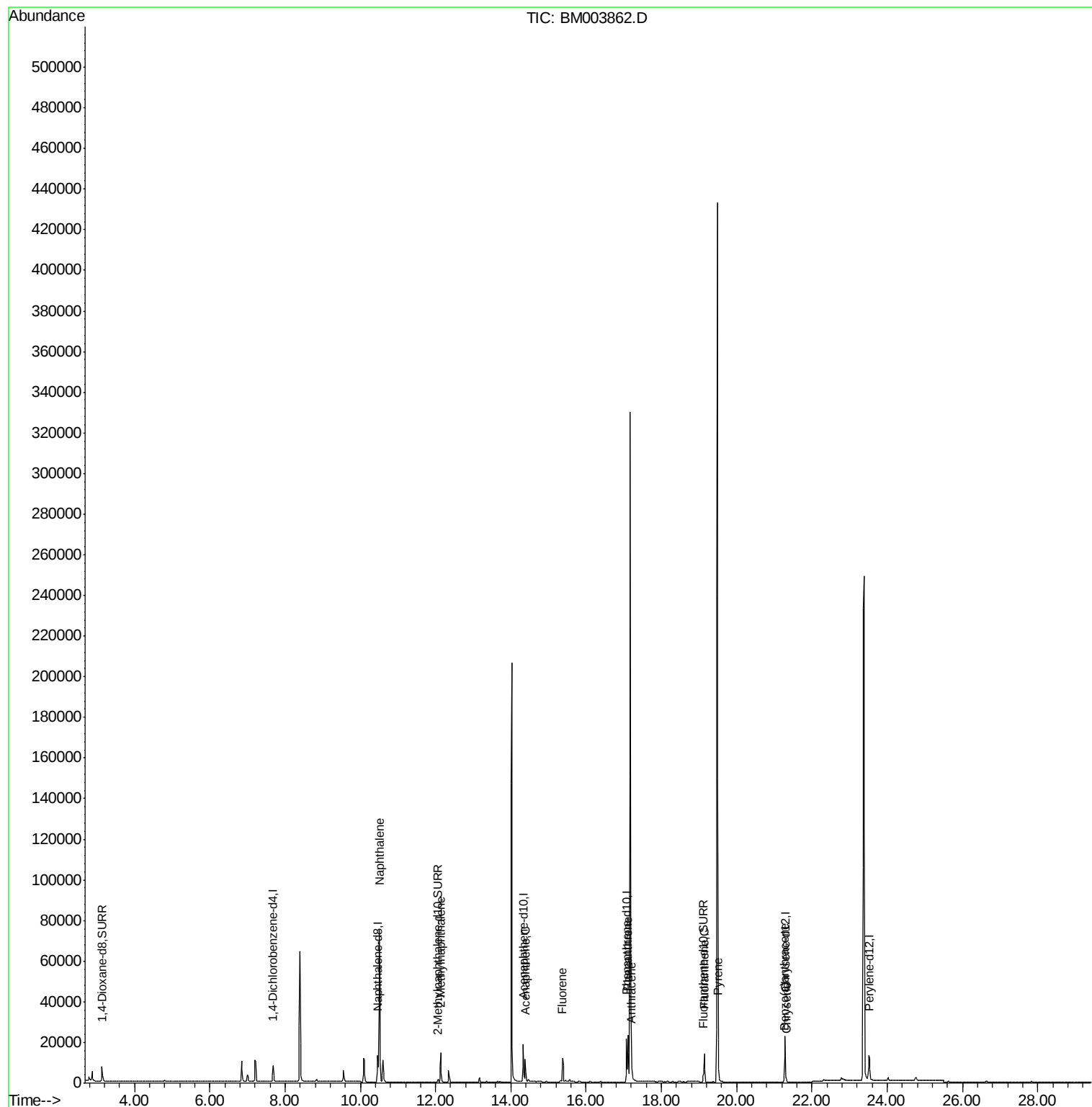
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
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ALS Vial : 22 Sample Multiplier: 1

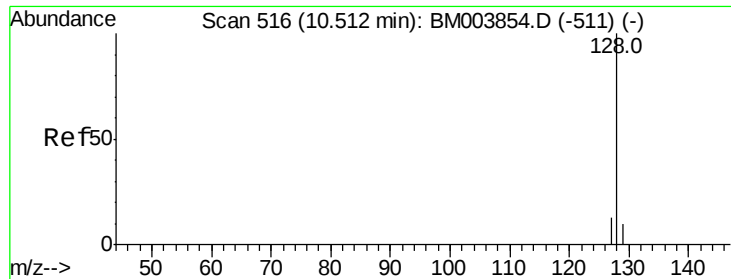
Instrument :
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12/30/2015 3:50:58 PM

Quant Time: Dec 30 10:32:29 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 : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 2.48 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

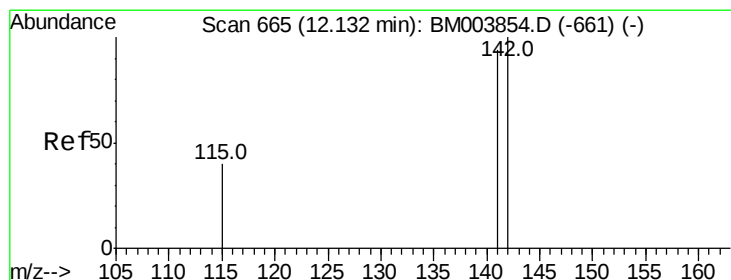
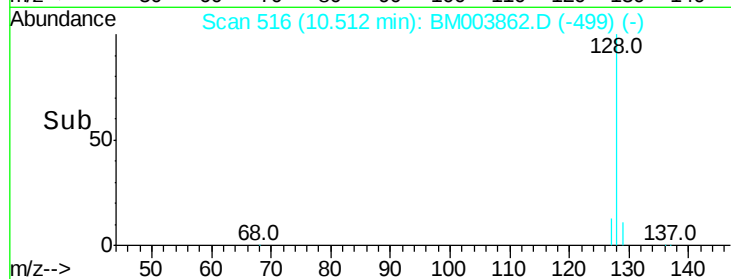
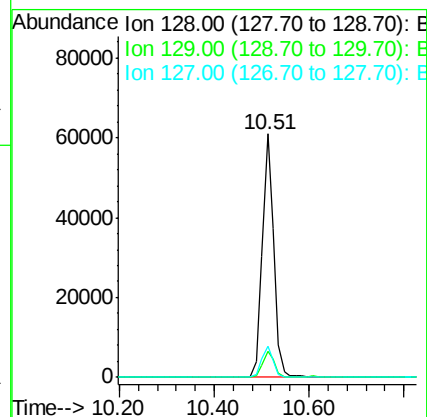
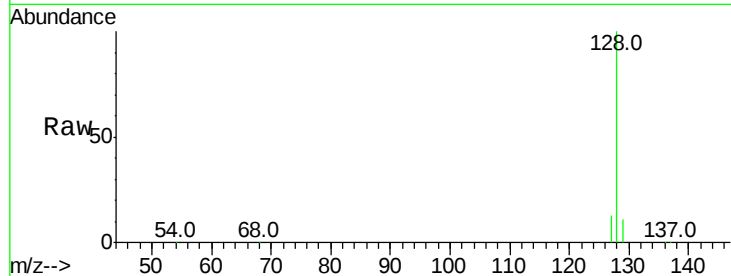
ClientSampleId :

D9N68DL

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Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.0	13.6	
127	12.9	9.6	14.4	



#7

2-Methylnaphthalene

Concen: 0.43 ng/ul

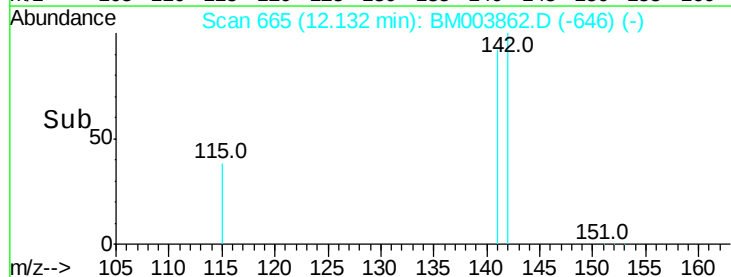
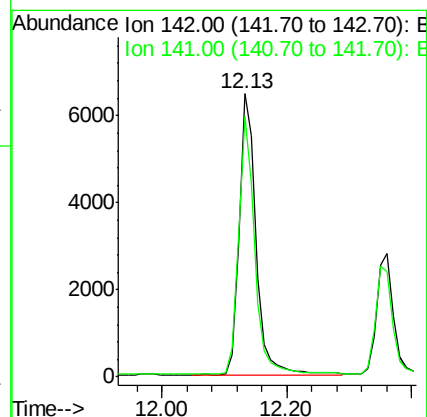
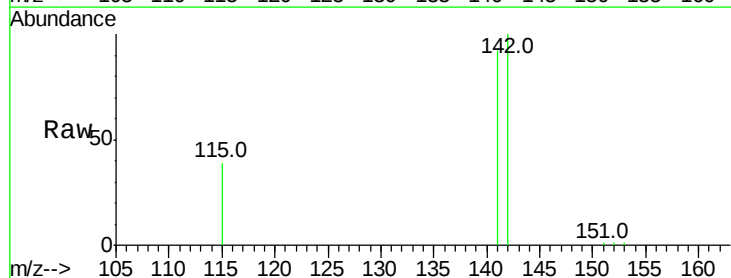
RT: 12.13 min Scan# 665

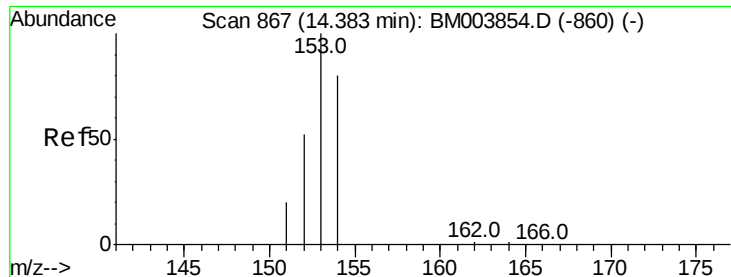
Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	88.8	70.3	105.5	





#10

Acenaphthene

Concen: 0.20 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Instrument :

BNA_M

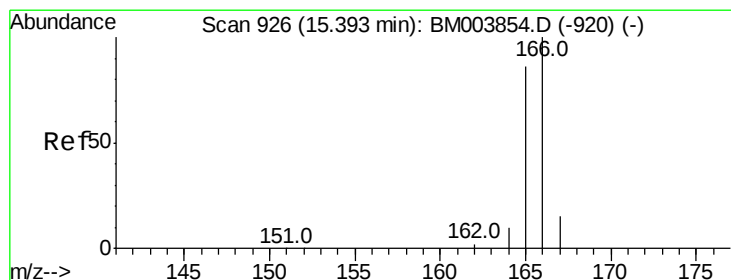
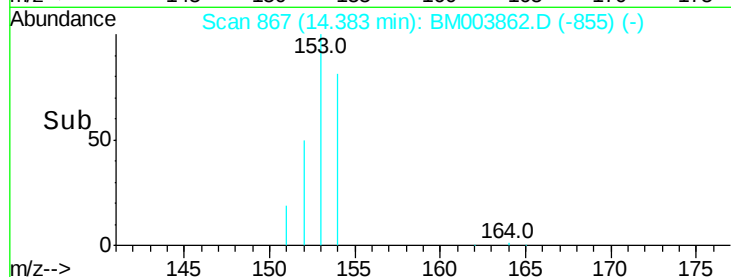
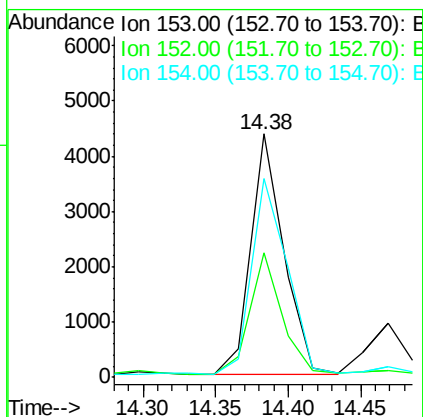
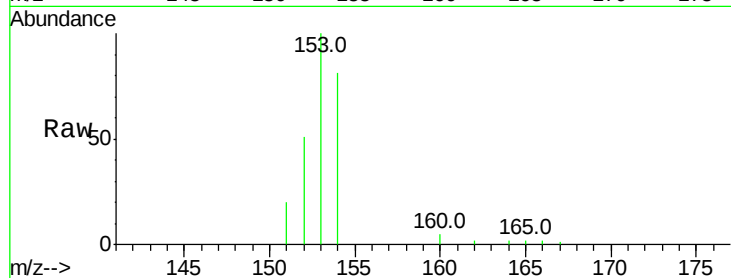
ClientSampleId :

D9N68DL

Tot Ion:	153	Resp:	6873
Ion	Ratio	Lower	Upper
153	100		
152	51.1	33.9	50.9#
154	81.5	80.6	121.0

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#11

Fluorene

Concen: 0.25 ng/ul m

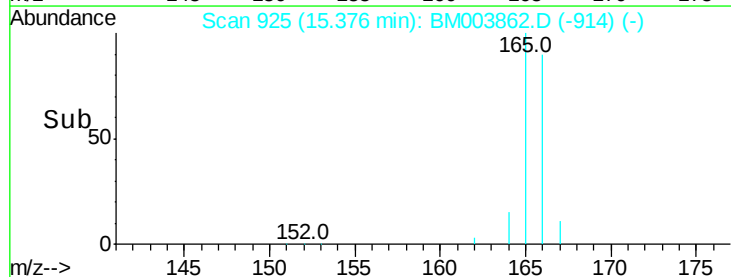
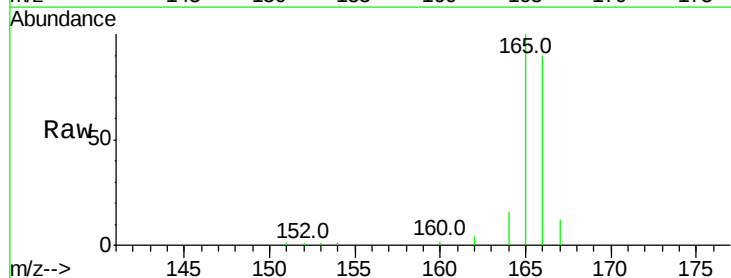
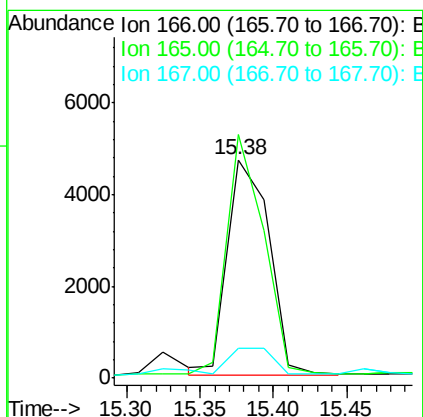
RT: 15.38 min Scan# 925

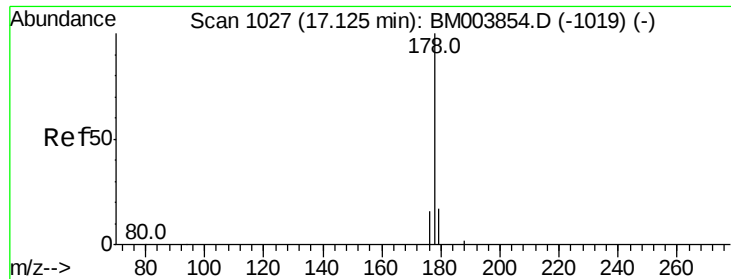
Delta R.T. -0.02 min

Lab File: BM003862.D

Acq: 29 Dec 2015 22:56

Tgt Ion:	166	Resp:	9329
Ion	Ratio	Lower	Upper
166	100		
165	111.6	69.6	104.4#
167	13.7	11.9	17.9





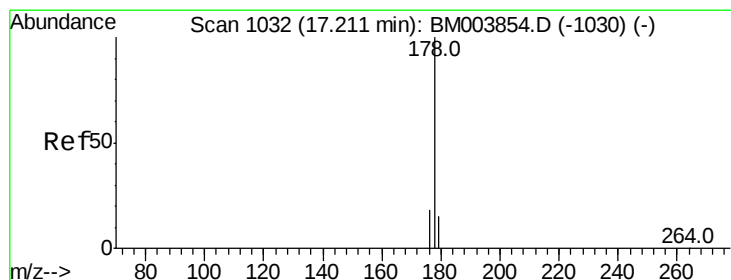
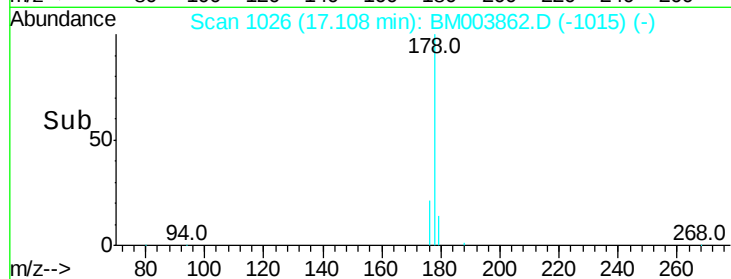
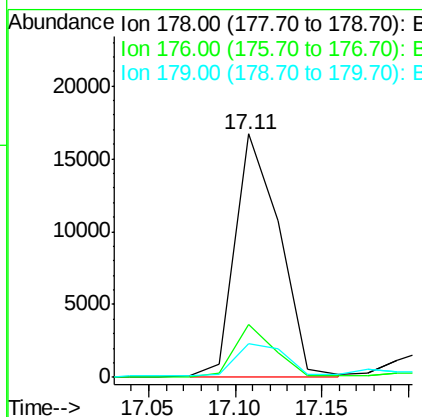
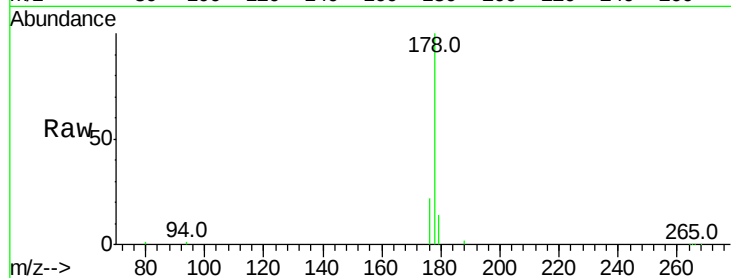
#14
Phenanthrene
Concen: 0.46 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Instrument :
BNA_M
ClientSampleId :
D9N68DL

Tot Ion:178 Resp: 29725
Ion Ratio Lower Upper
178 100
176 21.6 13.0 19.4#
179 14.1 14.2 21.2#

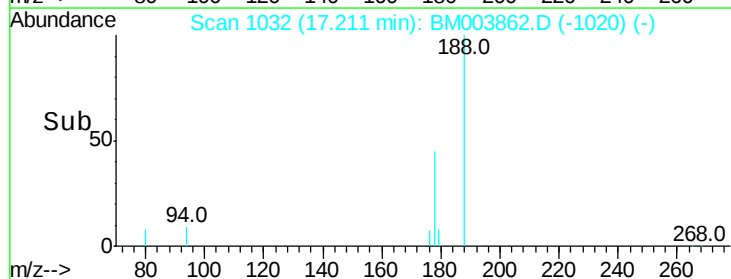
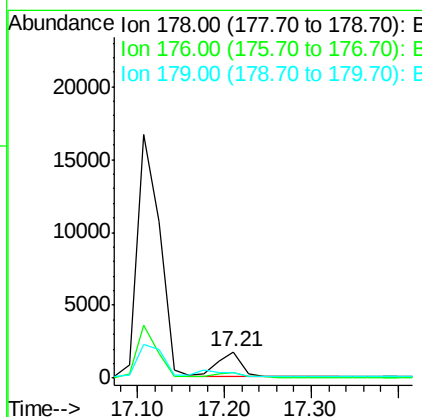
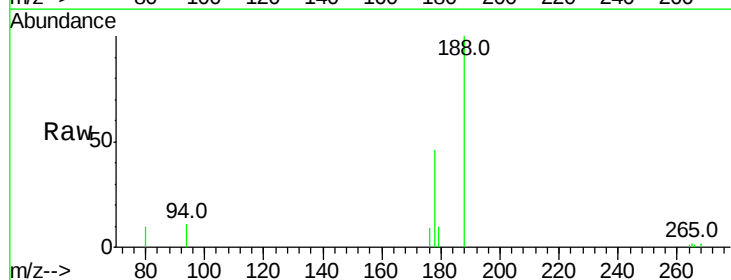
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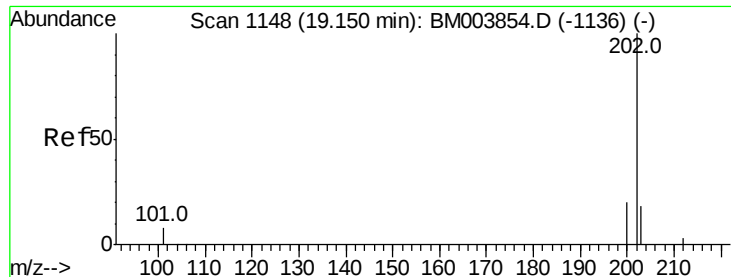
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#15
Anthracene
Concen: 0.06 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Tgt Ion:178 Resp: 3503
Ion Ratio Lower Upper
178 100
176 19.4 14.0 21.0
179 20.9 12.9 19.3#





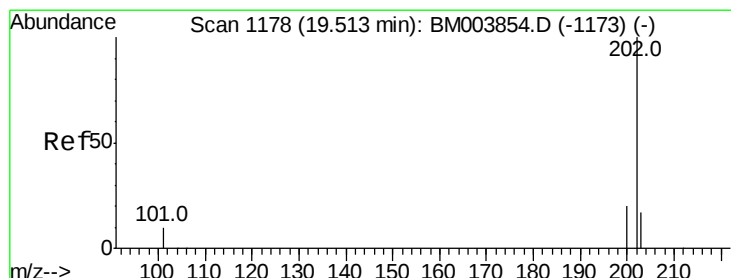
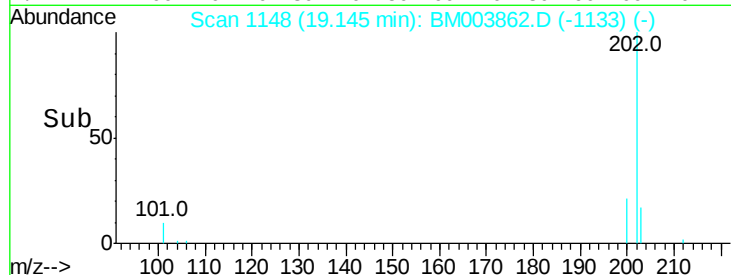
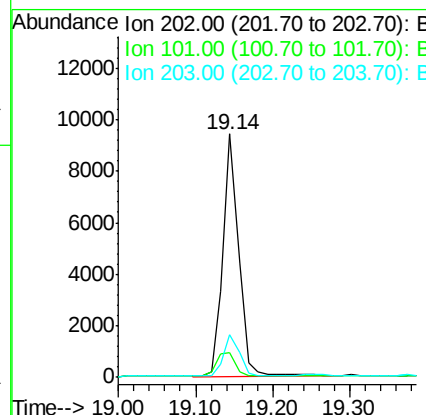
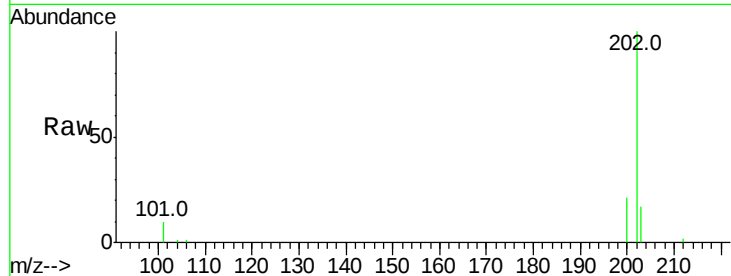
#17
Fluoranthene
Concen: 0.19 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
202	100	13358		
101	10.0		0.0	29.6
203	17.4		0.0	36.3

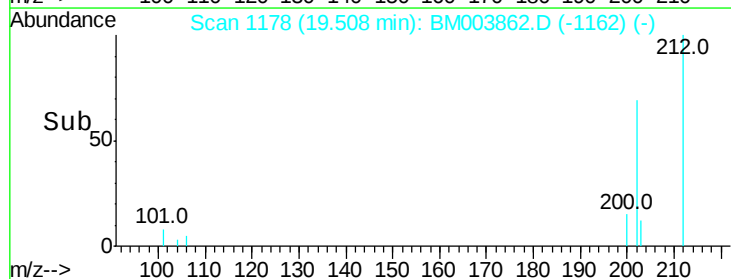
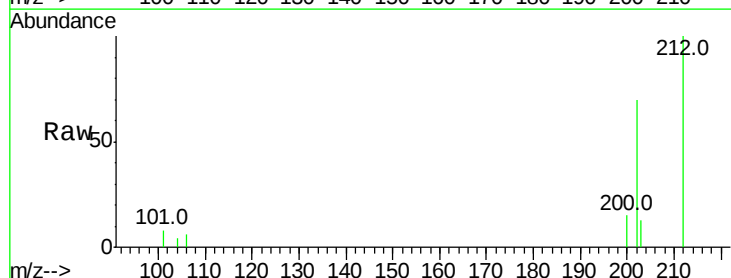
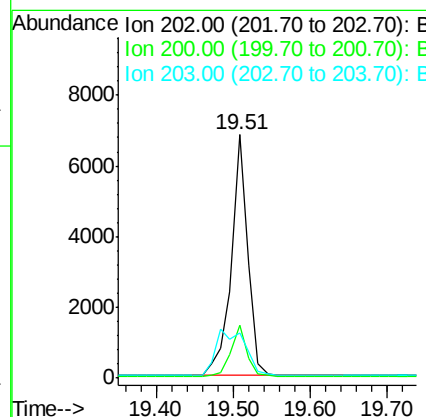
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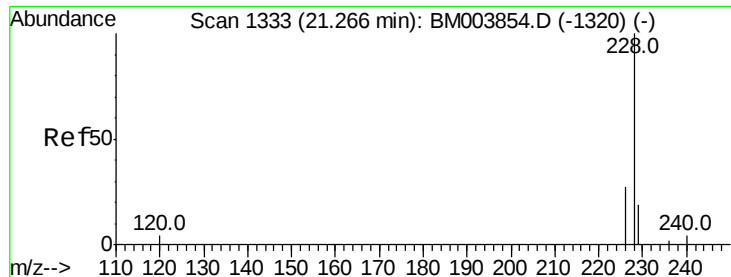
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#19
Pyrene
Concen: 0.17 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	10156		
200	21.8		17.8	26.8
203	18.6		12.8	19.2





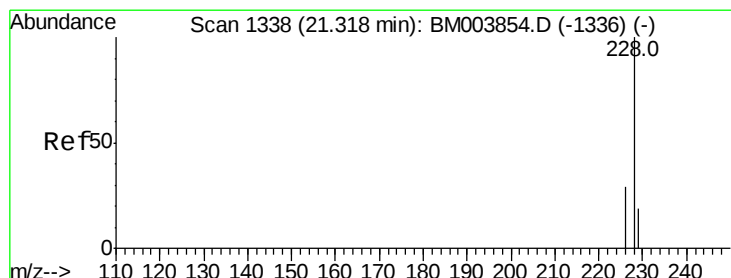
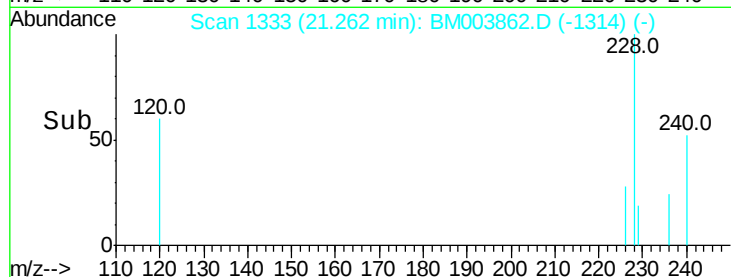
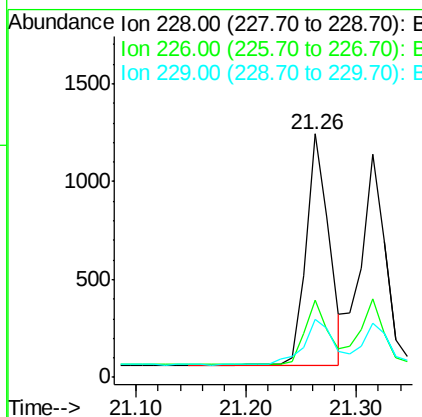
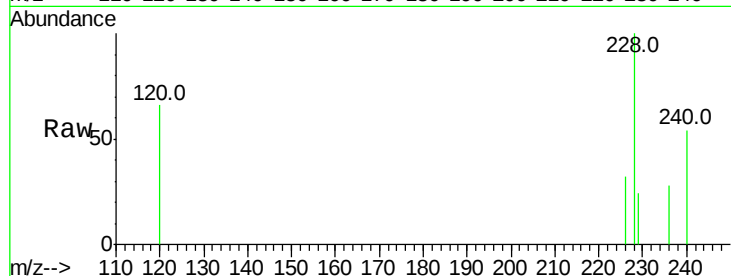
#20
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	18.8	28.2#
229	23.7	17.1	25.7

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#21
Chrysene
Concen: 0.03 ng/ul m
RT: 21.31 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BM003862.D
Acq: 29 Dec 2015 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	21.2	31.8#
229	24.3	17.0	25.6

