

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003850.D
 Acq On : 29 Dec 2015 04:42
 Operator : SJ/UM
 Sample : G4848-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N65

Manual Integrations
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Quant Time: Dec 29 08:38:19 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	4068	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17777	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10968	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	23427m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	18605	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	17144m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23794	13.68	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8866	0.42	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21491	0.43	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	187384	4.68	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	20774	0.77	ng/ul	99
10) Acenaphthene	14.38	153	15650	0.46	ng/ul#	79
11) Fluorene	15.39	166	13884m	0.37	ng/ul	
14) Phenanthrene	17.11	178	68746m	1.14	ng/ul	
15) Anthracene	17.21	178	4958	0.09	ng/ul#	94
17) Fluoranthene	19.14	202	25836	0.39	ng/ul	99
19) Pyrene	19.51	202	19602	0.39	ng/ul#	97
20) Benzo(a)anthracene	21.26	228	2339	0.05	ng/ul#	89
21) Chrysene	21.31	228	2121m	0.04	ng/ul	

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

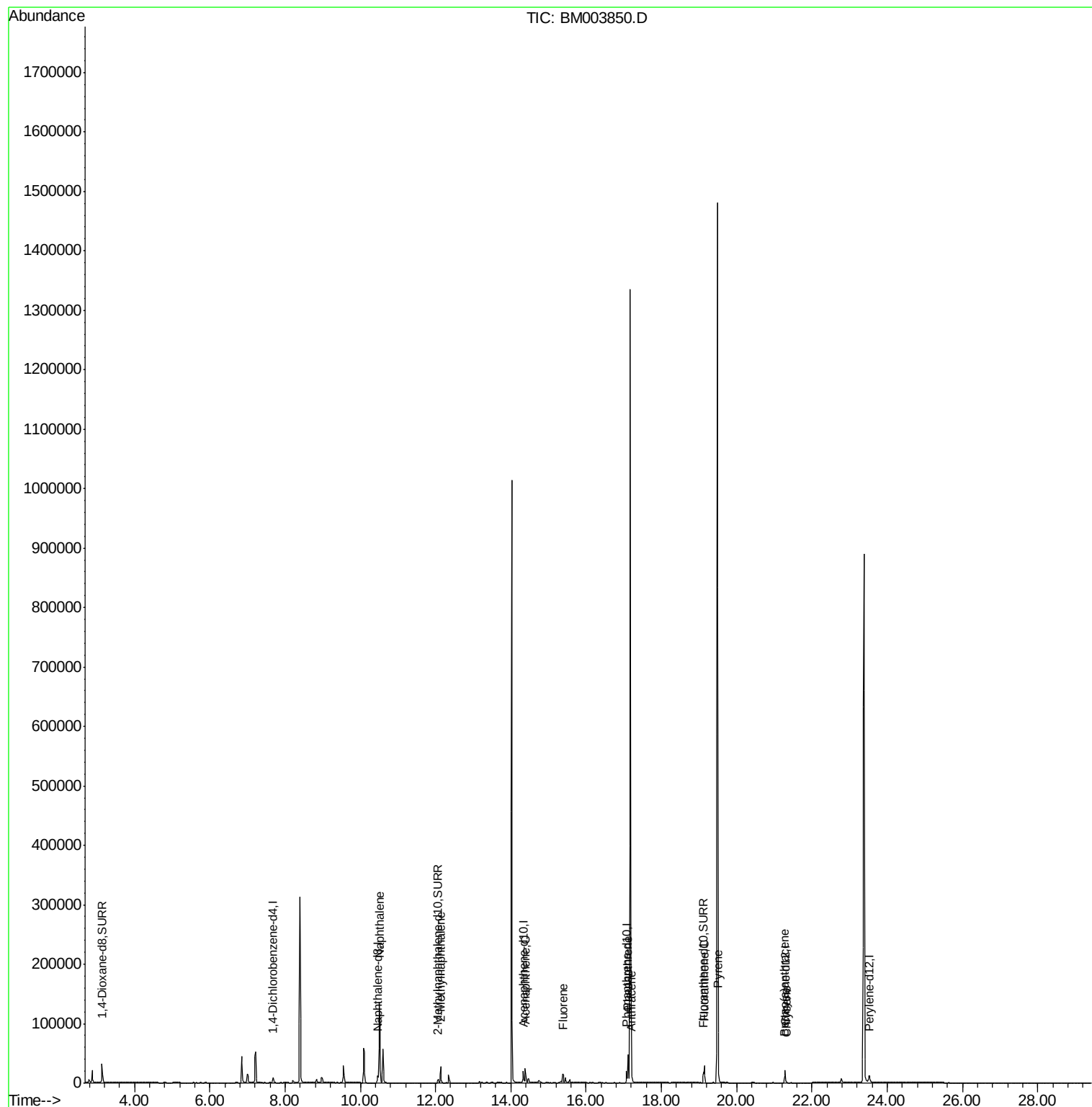
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
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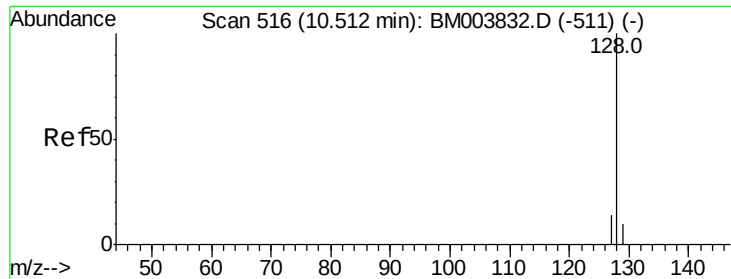
Instrument :
BNA_M
ClientSampleId :
D9N65

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Quant Time: Dec 29 08:38:19 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





#5

Naphthalene

Concen: 4.68 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_M

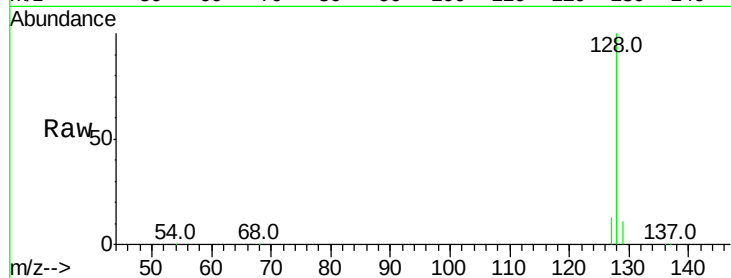
ClientSampleId :

D9N65

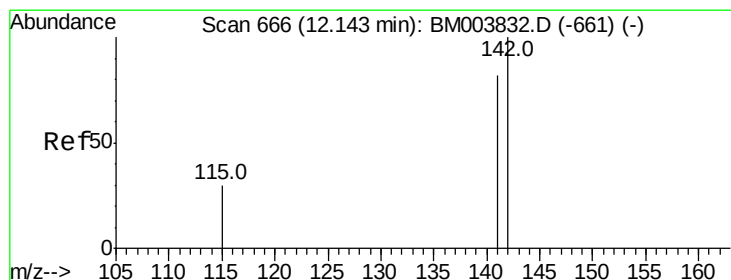
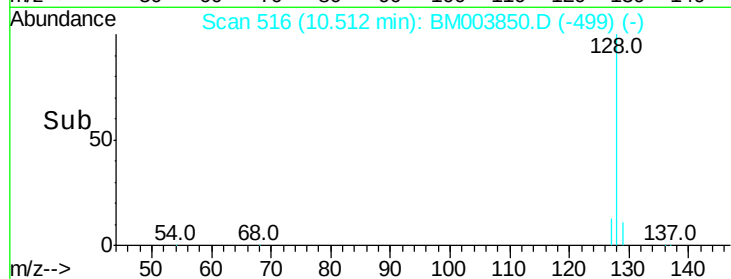
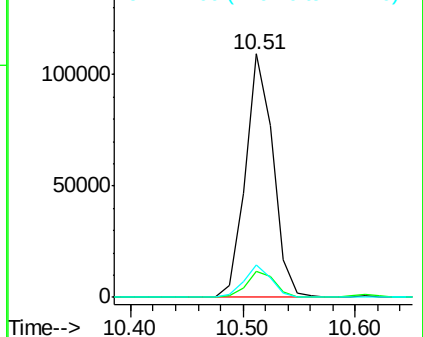
Tot Ion:	128	Resp:	187384
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.0	13.6
127	13.2	9.6	14.4

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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



#7

2-Methylnaphthalene

Concen: 0.77 ng/ul

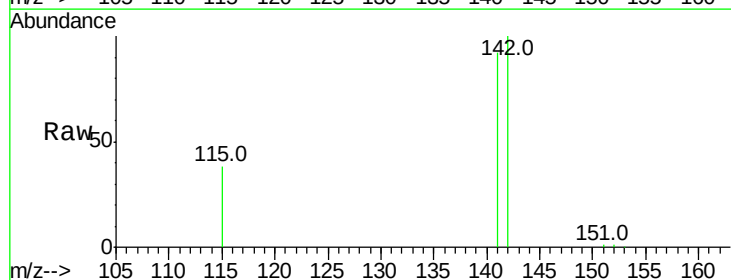
RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

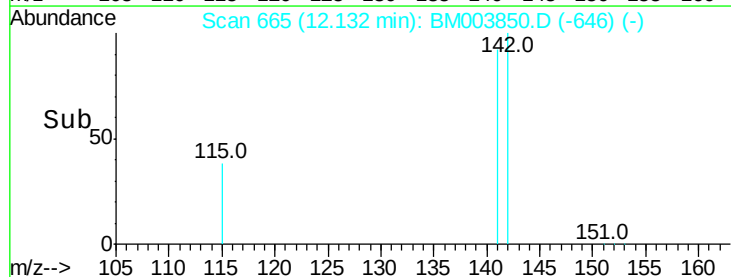
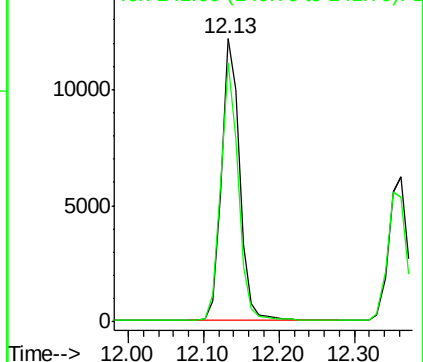
Lab File: BM003850.D

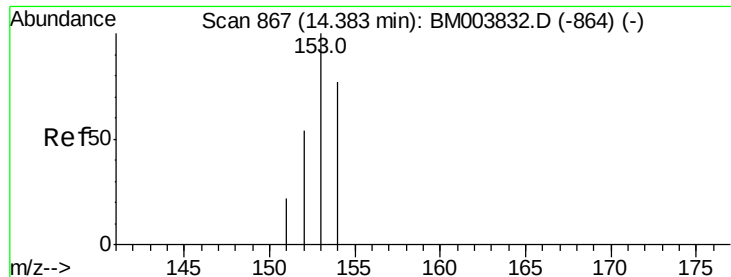
Acq: 29 Dec 2015 04:42

Tgt Ion:	142	Resp:	20774
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5



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





#10

Acenaphthene

Concen: 0.46 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_M

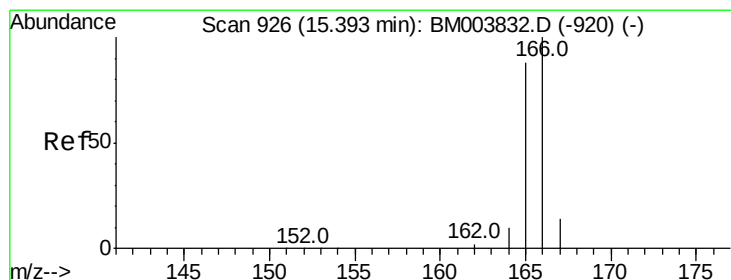
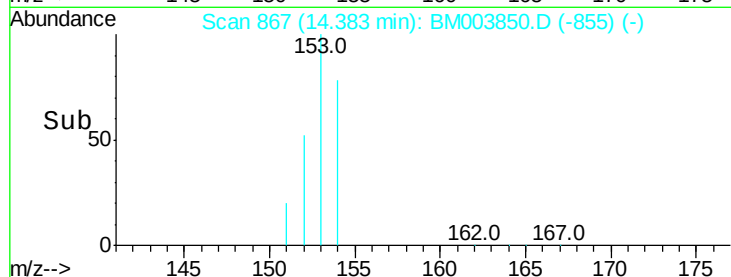
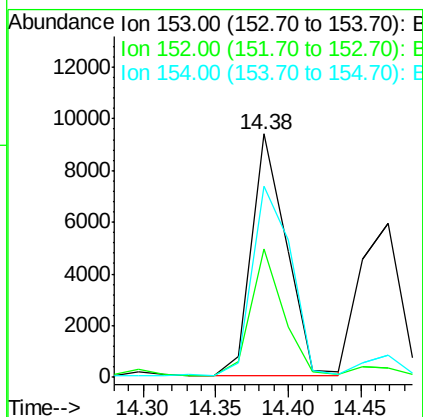
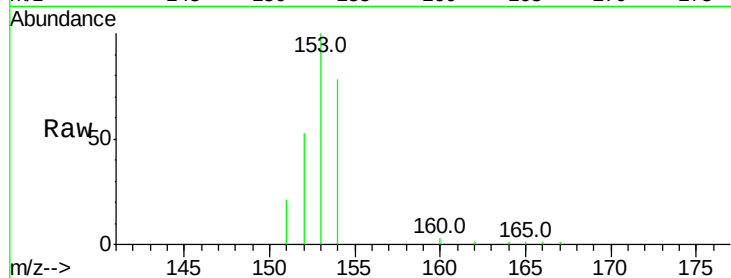
ClientSampleId :

D9N65

Tot Ion:	153	Resp:	15650
Ion Ratio	Lower	Upper	
153	100		
152	52.6	33.9	50.9#
154	78.3	80.6	121.0#

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#11

Fluorene

Concen: 0.37 ng/ul m

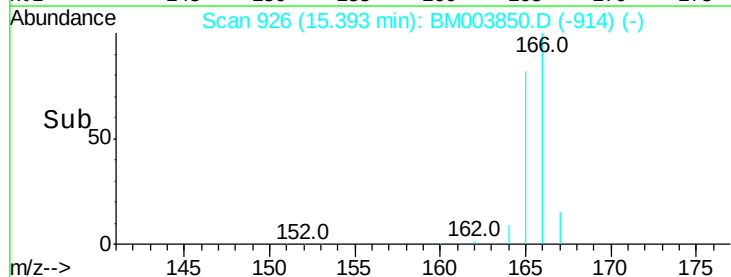
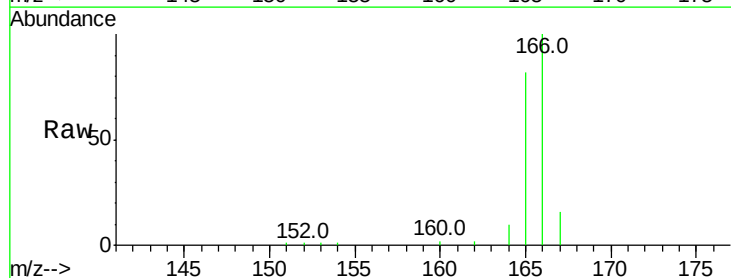
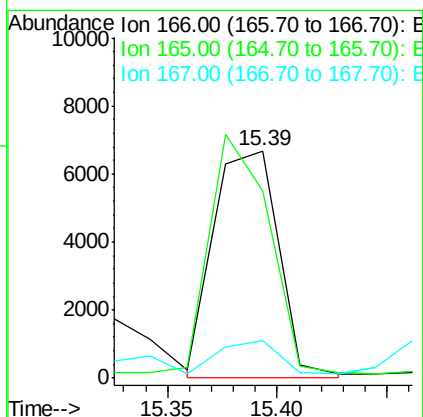
RT: 15.39 min Scan# 926

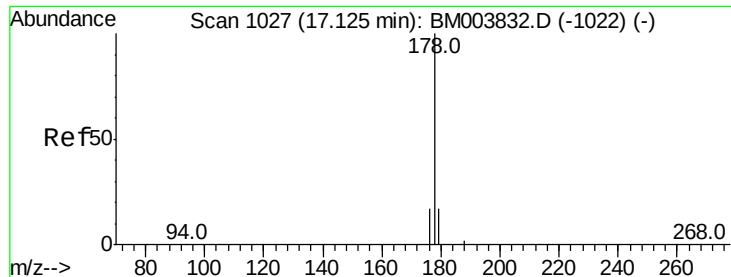
Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Tgt Ion:	166	Resp:	13884
Ion Ratio	Lower	Upper	
166	100		
165	82.5	69.6	104.4
167	16.3	11.9	17.9





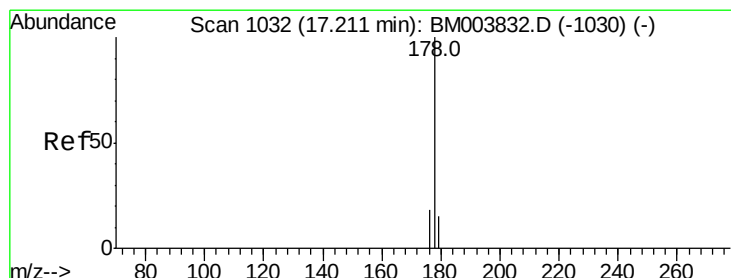
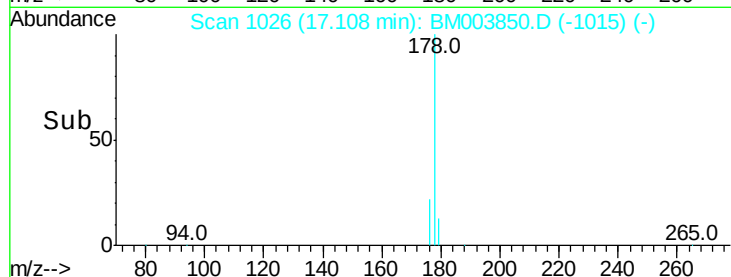
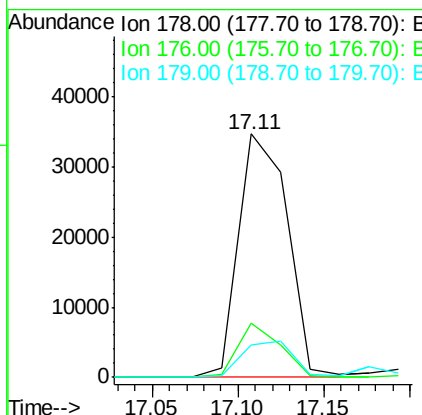
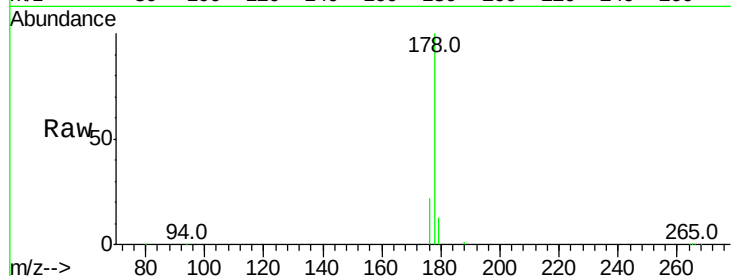
#14
Phenanthrene
Concen: 1.14 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003850.D
Acq: 29 Dec 2015 04:42

Instrument :
BNA_M
ClientSampleId :
D9N65

Tot Ion:178 Resp: 68746
Ion Ratio Lower Upper
178 100
176 22.2 13.0 19.4#
179 13.5 14.2 21.2#

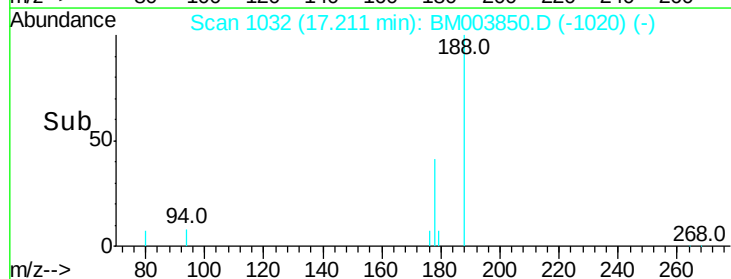
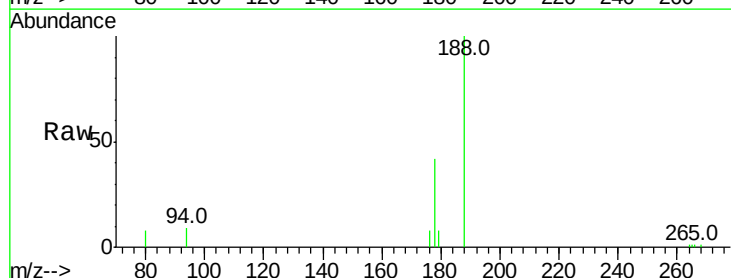
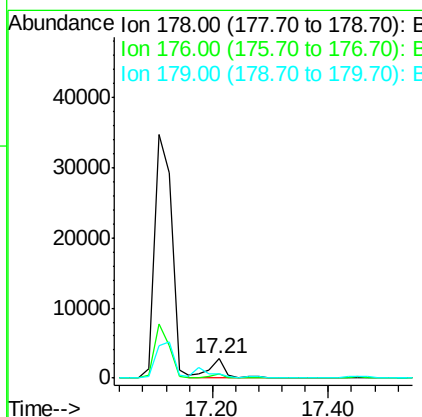
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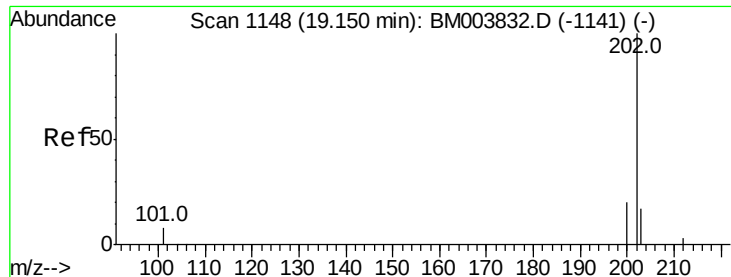
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#15
Anthracene
Concen: 0.09 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM003850.D
Acq: 29 Dec 2015 04:42

Tgt Ion:178 Resp: 4958
Ion Ratio Lower Upper
178 100
176 19.2 14.0 21.0
179 19.6 12.9 19.3#





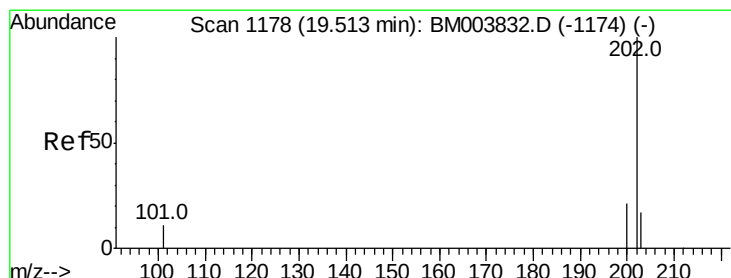
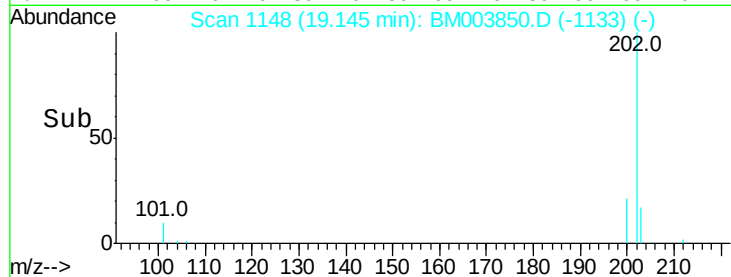
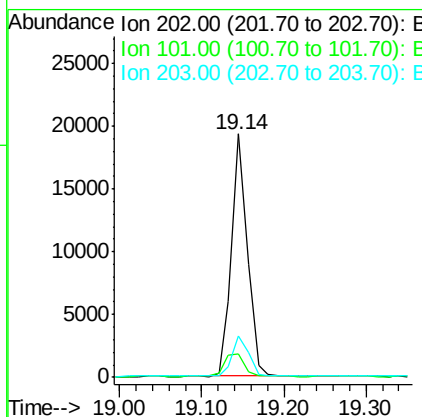
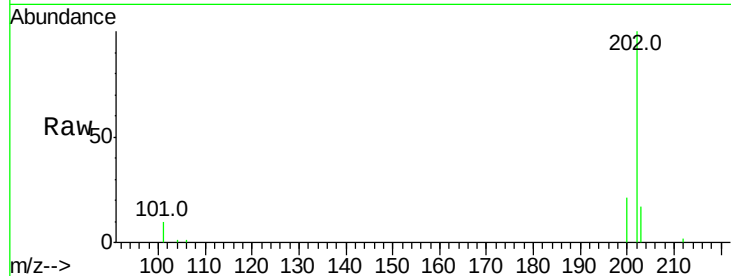
#17
Fluoranthene
 Concen: 0.39 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BM003850.D
 Acq: 29 Dec 2015 04:42

Instrument :
 BNA_M
 ClientSampleId :
 D9N65

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	29.6
203	17.0	0.0	36.3

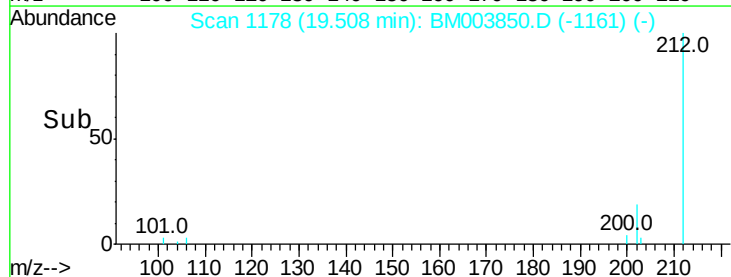
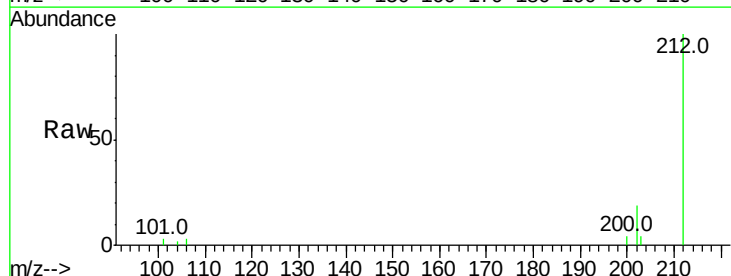
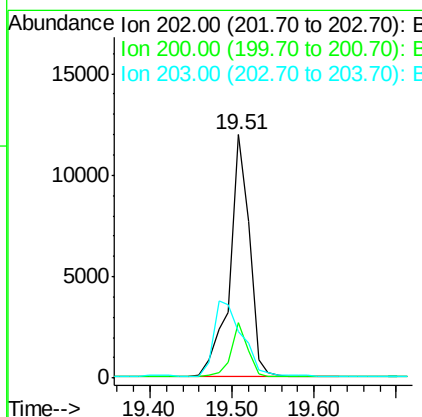
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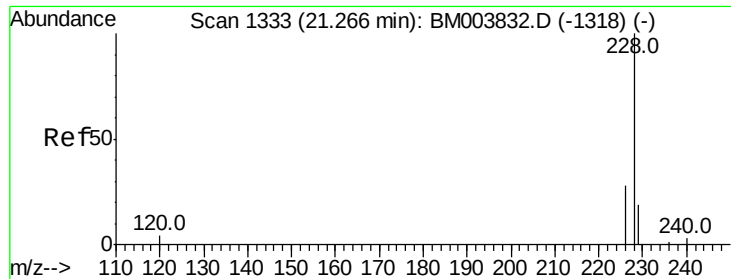
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#19
Pyrene
 Concen: 0.39 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BM003850.D
 Acq: 29 Dec 2015 04:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.5	17.8	26.8
203	19.3	12.8	19.2#





#20

Benzo(a)anthracene

Concen: 0.05 ng/ul

RT: 21.26 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Instrument :

BNA_M

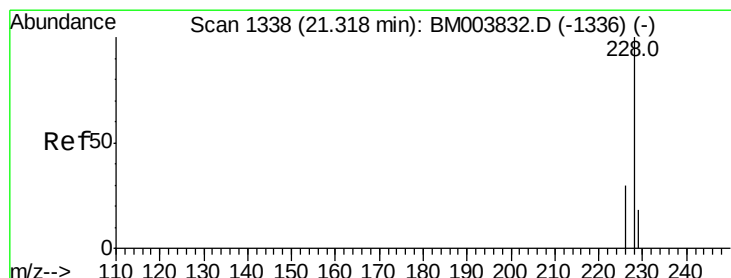
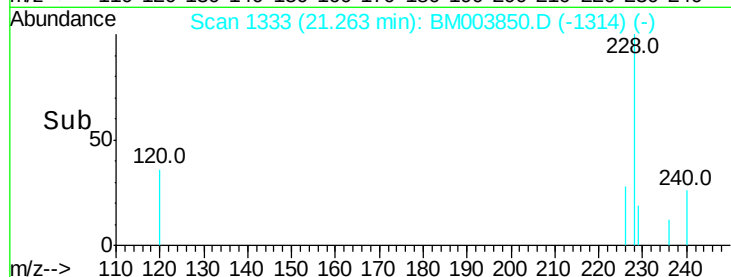
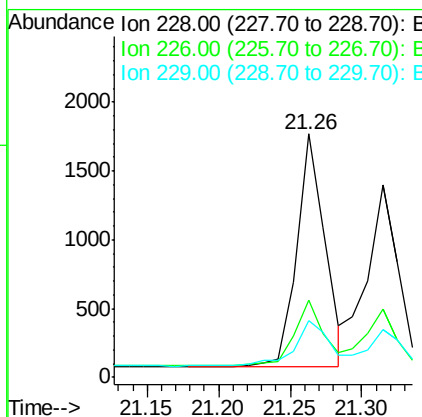
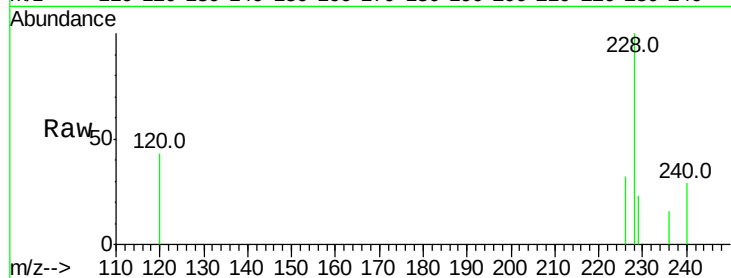
ClientSampleId :

D9N65

Tot Ion:	228	Resp:	2339
Ion Ratio	Lower	Upper	
228	100		
226	31.6	18.8	28.2#
229	23.3	17.1	25.7

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#21

Chrysene

Concen: 0.04 ng/ul m

RT: 21.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BM003850.D

Acq: 29 Dec 2015 04:42

Tgt Ion:	228	Resp:	2121
Ion Ratio	Lower	Upper	
228	100		
226	35.2	21.2	31.8#
229	24.7	17.0	25.6

