

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003846.D
 Acq On : 29 Dec 2015 02:20
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
 APPROVED

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 12/29/2015 5:42:13 PM

Quant Time: Dec 29 15:18:50 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	4266	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	18595	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11261	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	25060m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	21824	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	14552m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	19432	10.66	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8008	0.36	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	22095	0.42	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.51	128	49321	1.18	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	6930	0.25	ng/ul	99
10) Acenaphthene	14.38	153	12599	0.36	ng/ul#	81
11) Fluorene	15.39	166	20427m	0.53	ng/ul	
14) Phenanthrene	17.11	178	161554m	2.50	ng/ul	
15) Anthracene	17.21	178	15349	0.27	ng/ul	98
17) Fluoranthene	19.14	202	97269	1.39	ng/ul	99
19) Pyrene	19.51	202	70403	1.19	ng/ul	99
20) Benzo(a)anthracene	21.26	228	11822	0.22	ng/ul#	95
21) Chrysene	21.31	228	10461	0.17	ng/ul	94
25) Benzo(a)pyrene	23.42	252	2336m	0.06	ng/ul	

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

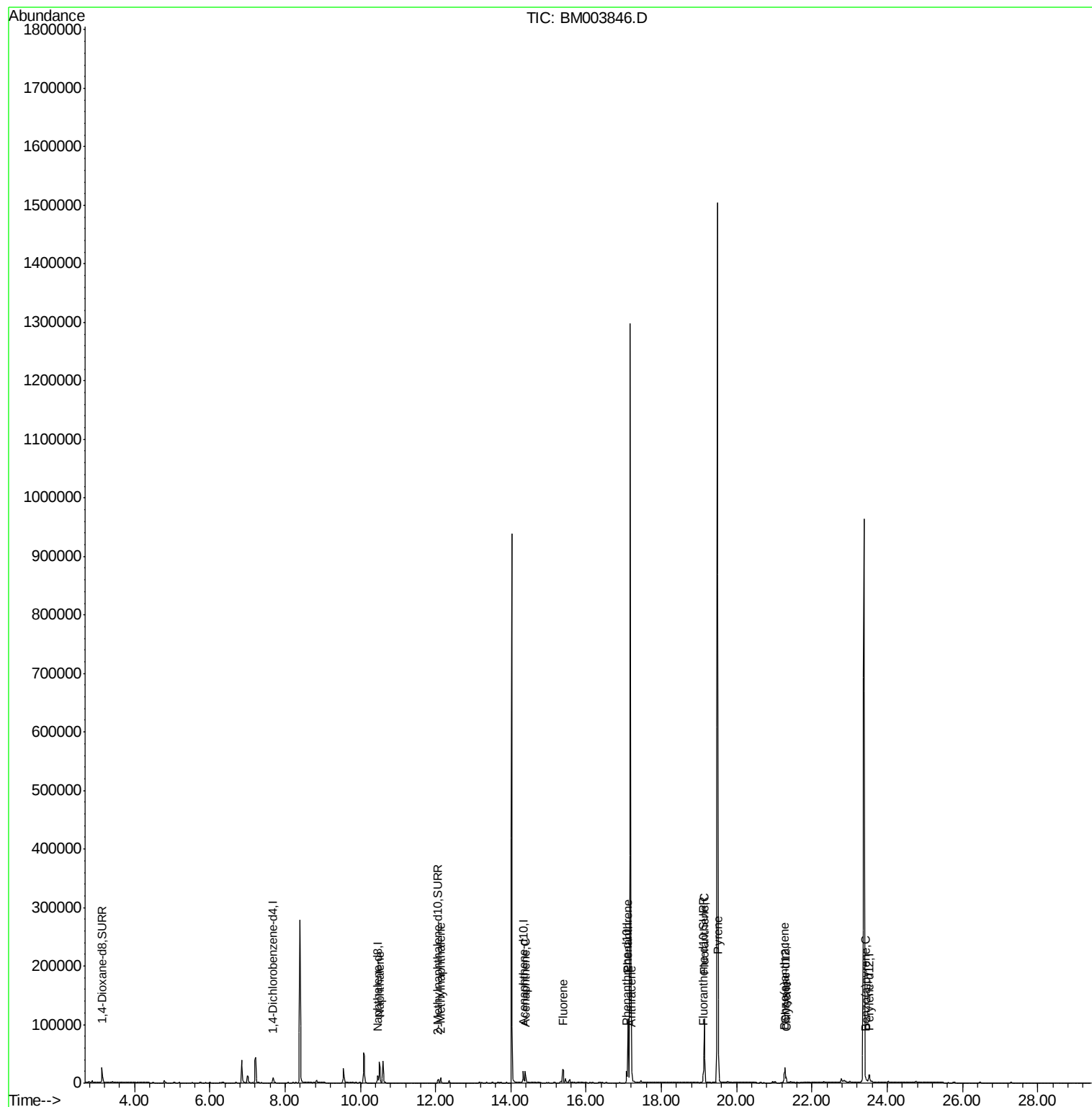
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
Data File : BM003846.D
Acq On : 29 Dec 2015 02:20
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

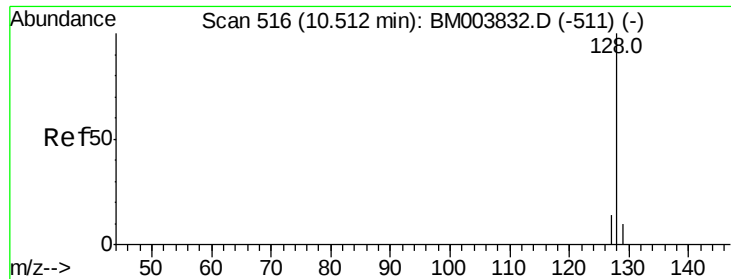
Instrument :
BNA_M
ClientSampleId :
D9N57

Manual Integrations
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Quant Time: Dec 29 15:18:50 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: 1.18 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. 0.00 min

Lab File: BM003846.D

Acq: 29 Dec 2015 02:20

Instrument :

BNA_M

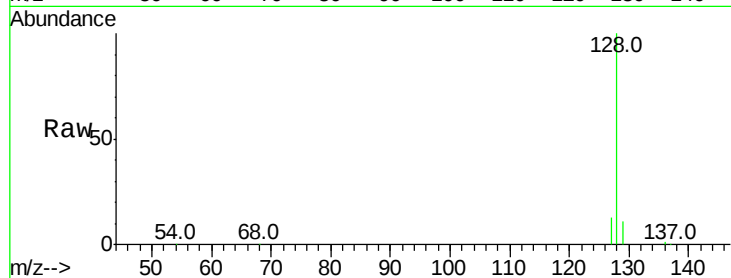
ClientSampleId :

D9N57

Tot Ion:	128	Resp:	49321
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	13.2	9.6	14.4

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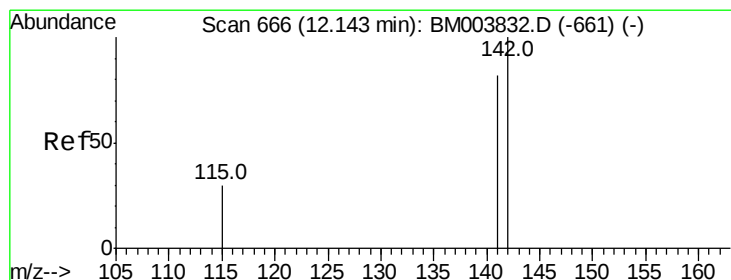
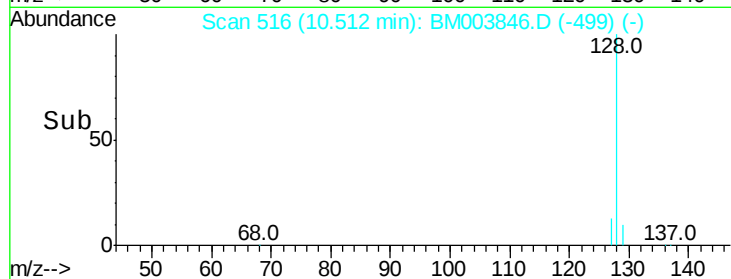
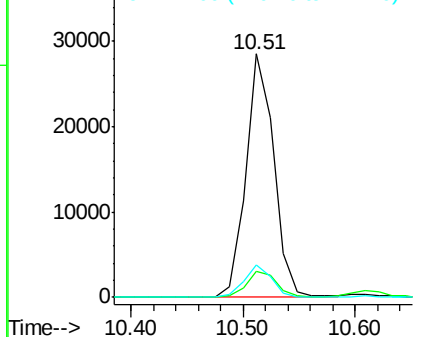
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.25 ng/ul

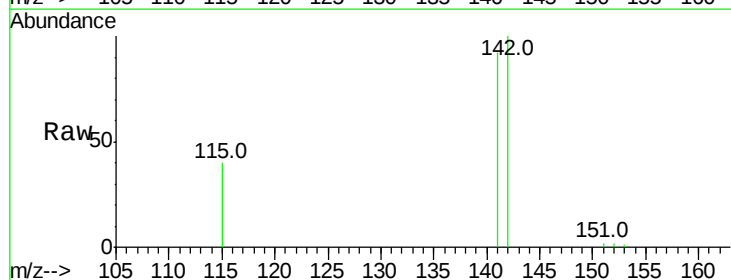
RT: 12.13 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM003846.D

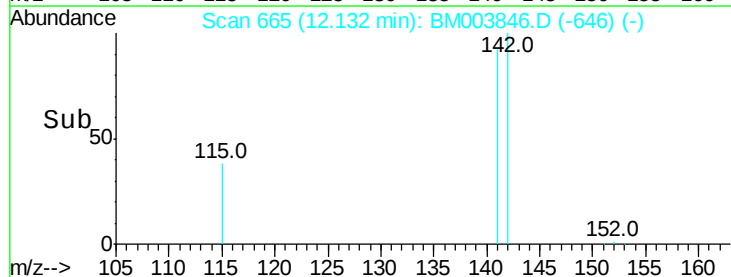
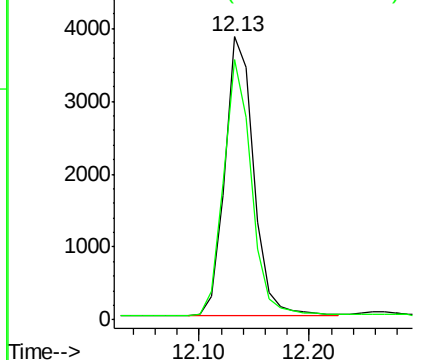
Acq: 29 Dec 2015 02:20

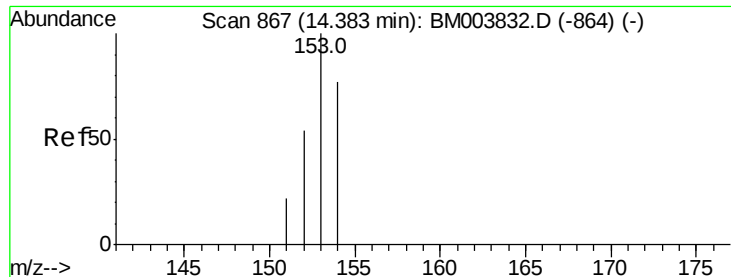
Tgt Ion:	142	Resp:	6930
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthene

Concen: 0.36 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM003846.D

Acq: 29 Dec 2015 02:20

Instrument :

BNA_M

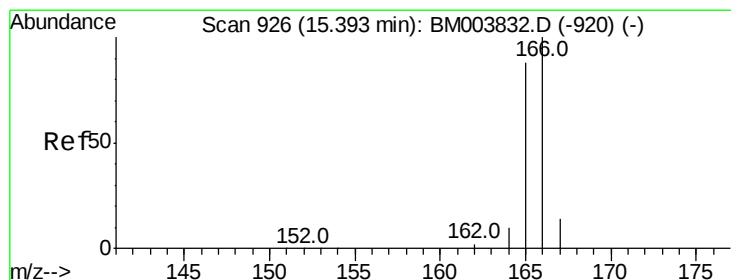
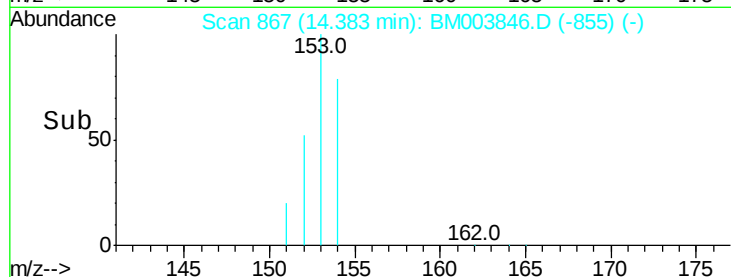
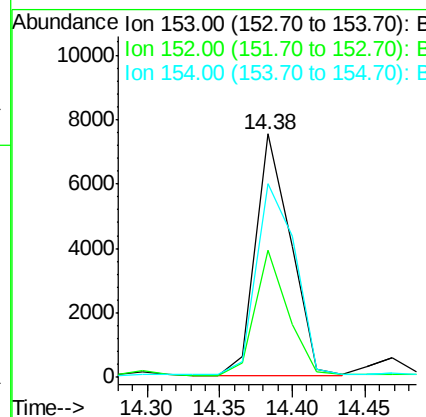
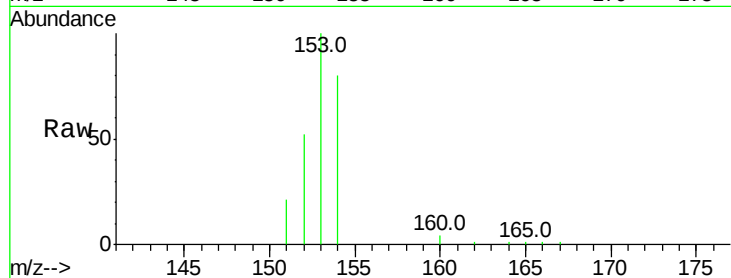
ClientSampleId :

D9N57

Tot Ion:	153	Resp:	12599
Ion Ratio	Lower	Upper	
153	100		
152	52.5	33.9	50.9#
154	79.7	80.6	121.0#

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#11

Fluorene

Concen: 0.53 ng/ul m

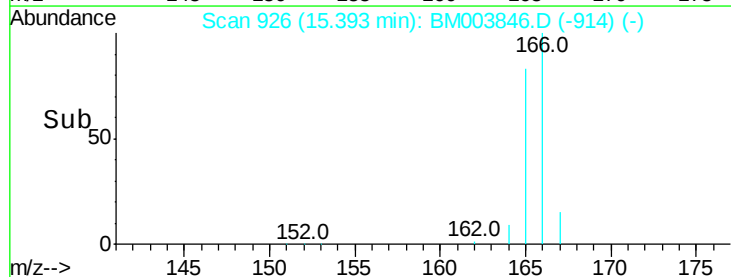
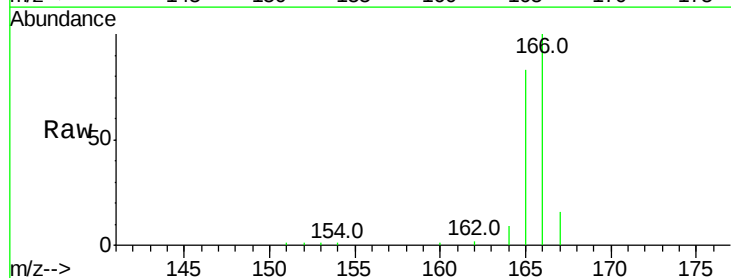
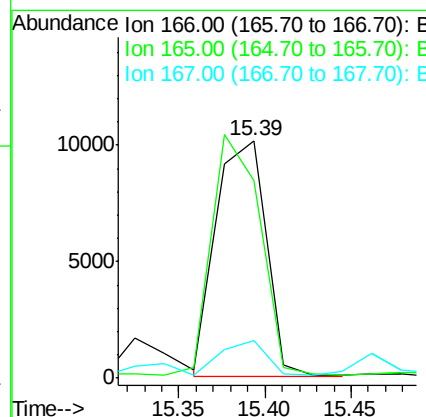
RT: 15.39 min Scan# 926

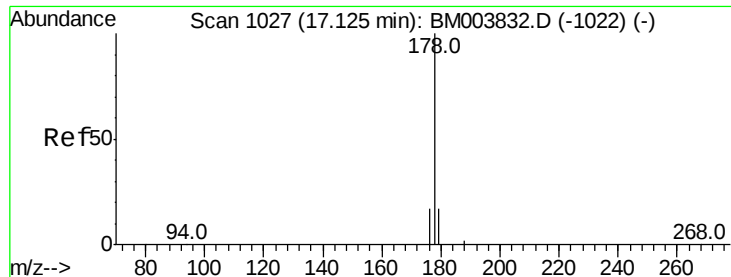
Delta R.T. 0.00 min

Lab File: BM003846.D

Acq: 29 Dec 2015 02:20

Tgt Ion:	166	Resp:	20427
Ion Ratio	Lower	Upper	
166	100		
165	82.9	69.6	104.4
167	15.7	11.9	17.9





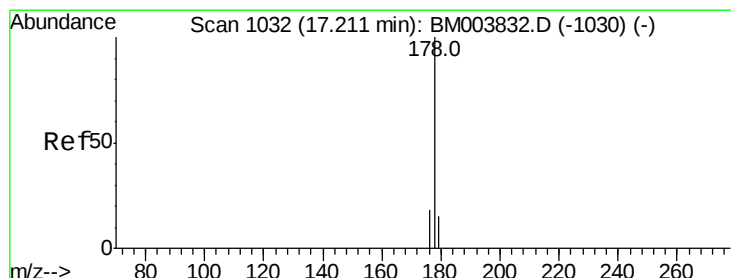
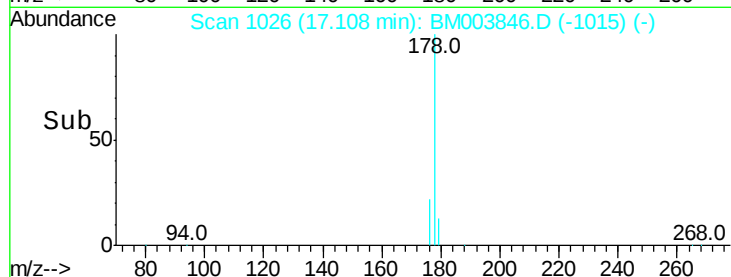
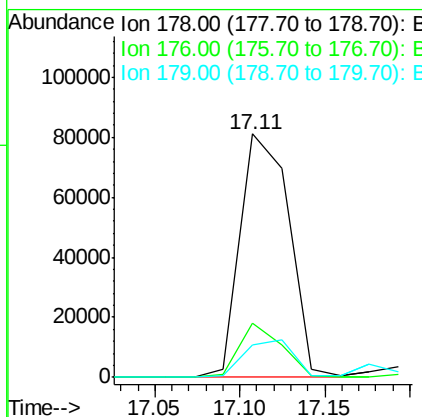
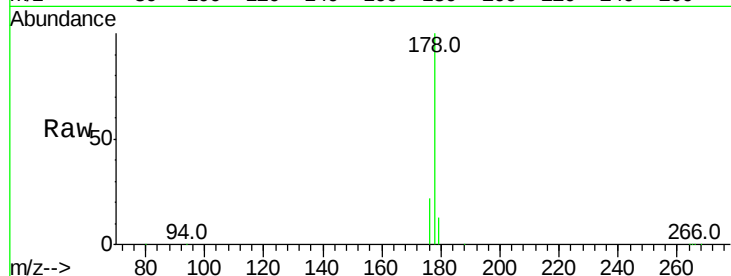
#14
Phenanthrene
Concen: 2.50 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM003846.D
Acq: 29 Dec 2015 02:20

Instrument :
BNA_M
ClientSampleId :
D9N57

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.0	19.4#
179	13.4	14.2	21.2#

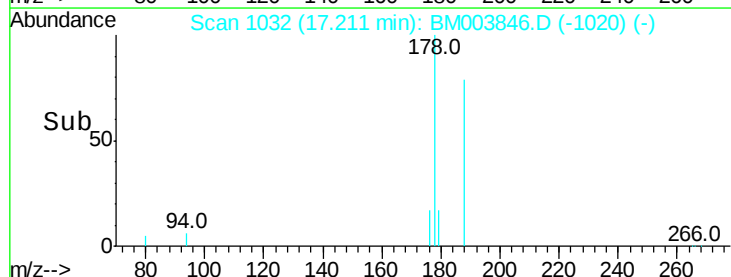
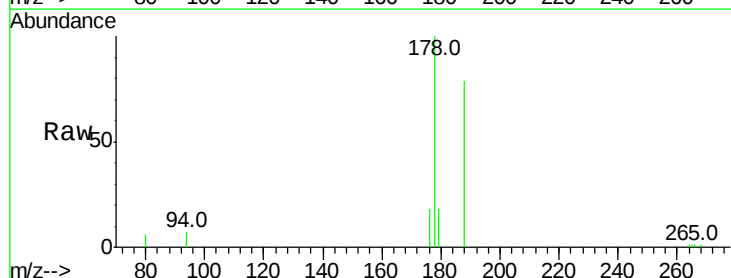
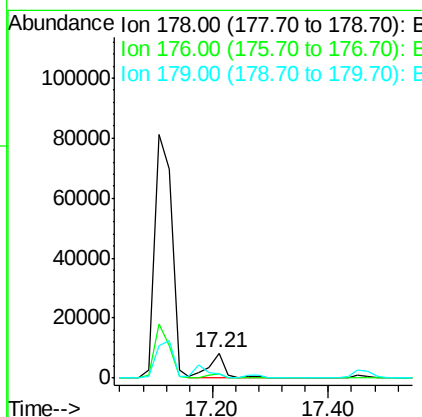
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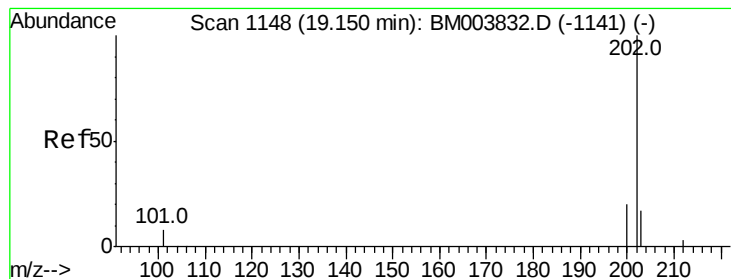
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#15
Anthracene
Concen: 0.27 ng/ul
RT: 17.21 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BM003846.D
Acq: 29 Dec 2015 02:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.0	21.0
179	18.0	12.9	19.3





#17

Fluoranthene

Concen: 1.39 ng/ul

RT: 19.14 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BM003846.D

Acq: 29 Dec 2015 02:20

Instrument :

BNA_M

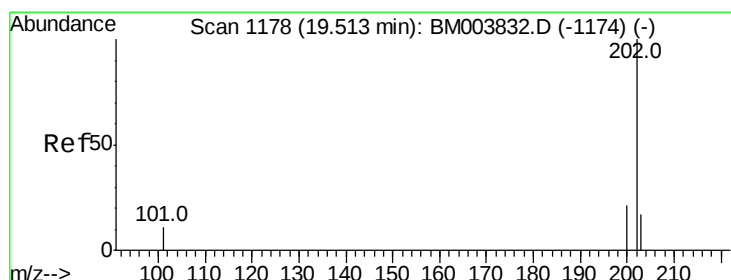
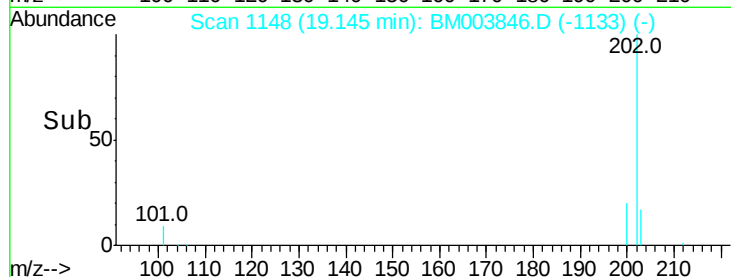
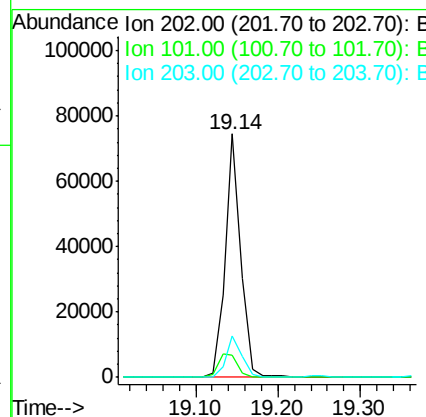
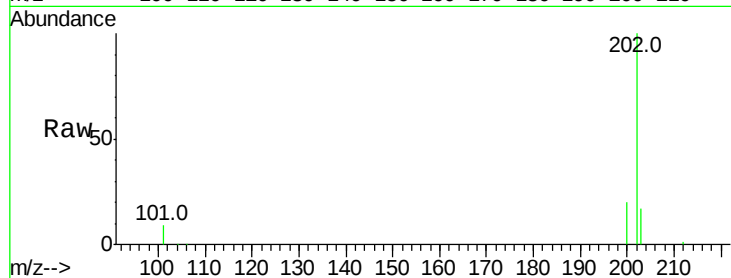
ClientSampleId :

D9N57

Tot Ion:	202	Resp:	97269
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	29.6
203	17.0	0.0	36.3

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#19

Pyrene

Concen: 1.19 ng/ul

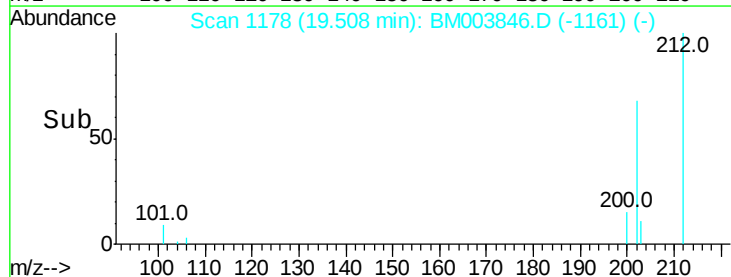
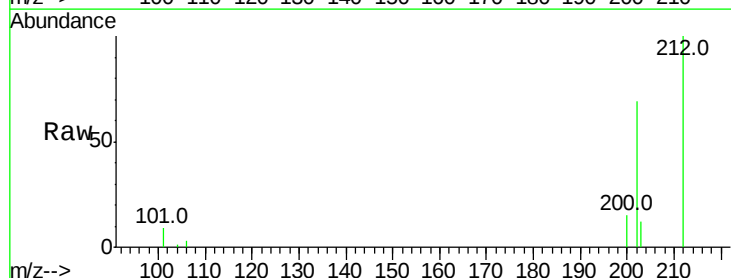
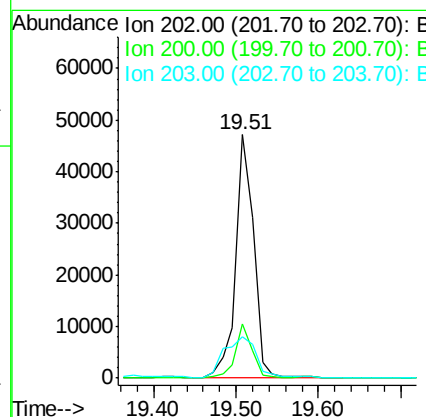
RT: 19.51 min Scan# 1178

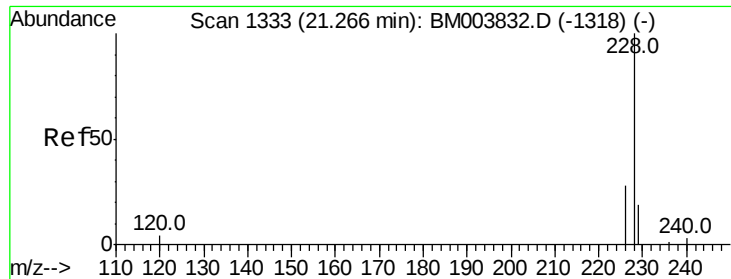
Delta R.T. 0.00 min

Lab File: BM003846.D

Acq: 29 Dec 2015 02:20

Tgt Ion:	202	Resp:	70403
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.8
203	17.1	12.8	19.2





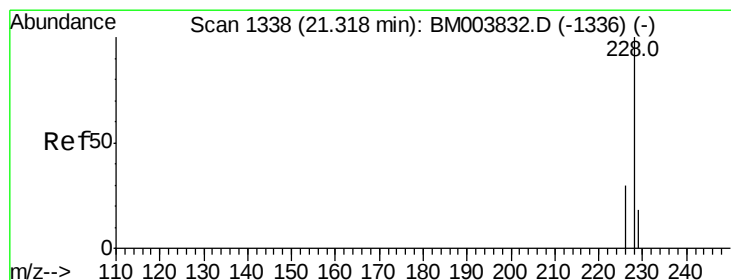
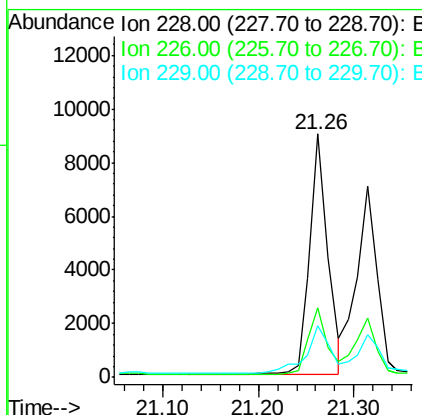
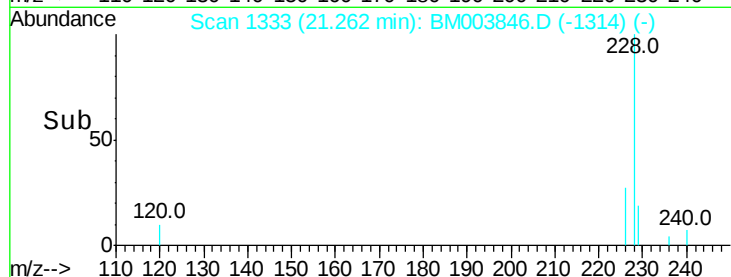
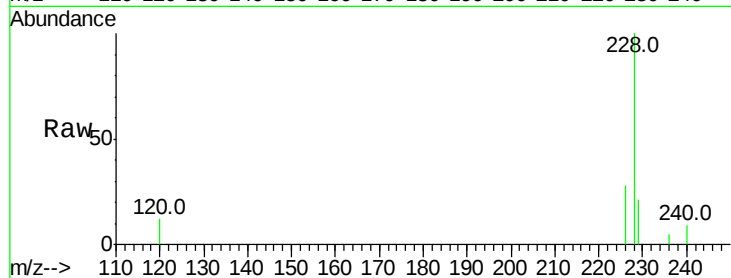
#20
Benzo(a)anthracene
Concen: 0.22 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BM003846.D
Acq: 29 Dec 2015 02:20

Instrument :
BNA_M
ClientSampleId :
D9N57

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	18.8	28.2#
229	21.2	17.1	25.7

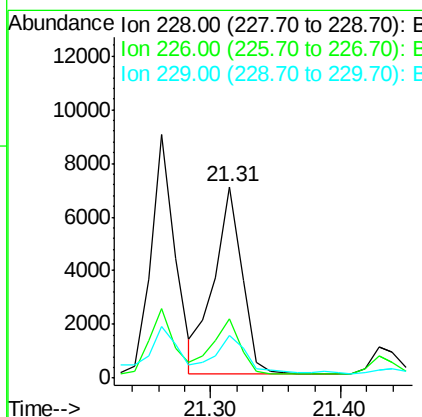
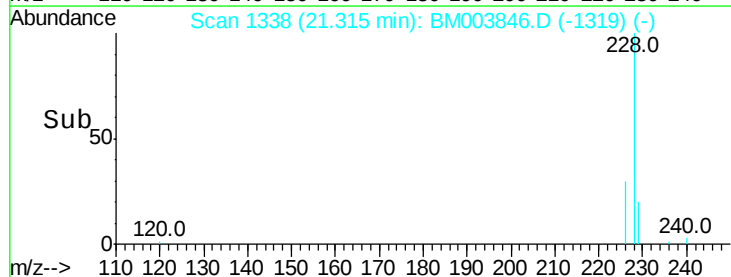
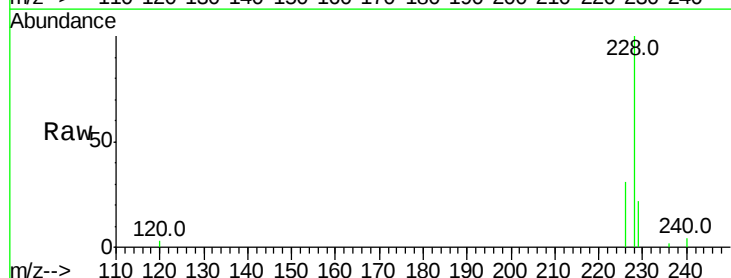
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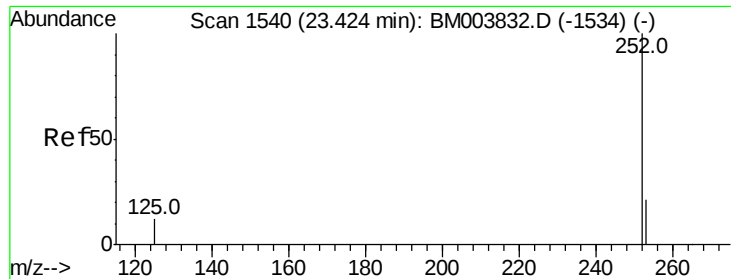
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#21
Chrysene
Concen: 0.17 ng/ul
RT: 21.31 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BM003846.D
Acq: 29 Dec 2015 02:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.2	31.8
229	22.3	17.0	25.6





#25

Benzo(a)pyrene

Concen: 0.06 ng/ul m

RT: 23.42 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BM003846.D

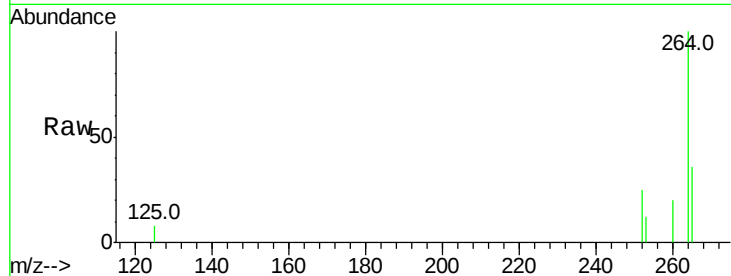
Acq: 29 Dec 2015 02:20

Instrument :

BNA_M

ClientSampleId :

D9N57



Tot Ion:	252	Resp:	2336
Ion Ratio	Lower	Upper	
252	100		
253	47.7	19.4	29.2#
125	33.2	12.7	19.1#

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