

Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
 Data File : BM003861.D
 Acq On : 29 Dec 2015 22:21
 Operator : SJ/UM
 Sample : G4849-01DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N66DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 10:27:53 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	3516	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	15094	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	8785	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	20029	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	16431	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	13268	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	2244	1.49	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.07	152	848	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	2261	0.05	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.51	128	18938	0.56	ng/ul	98
7) 2-Methylnaphthalene	12.14	142	5526	0.24	ng/ul	99
10) Acenaphthene	14.38	153	11363	0.42	ng/ul#	82
11) Fluorene	15.38	166	12865	0.43	ng/ul#	77
14) Phenanthrene	17.11	178	55623m	1.08	ng/ul	
15) Anthracene	17.21	178	4632	0.10	ng/ul#	94
17) Fluoranthene	19.14	202	26230	0.47	ng/ul	99
19) Pyrene	19.51	202	18940	0.43	ng/ul	98
20) Benzo(a)anthracene	21.26	228	3215	0.08	ng/ul#	91
21) Chrysene	21.31	228	2766m	0.06	ng/ul	

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

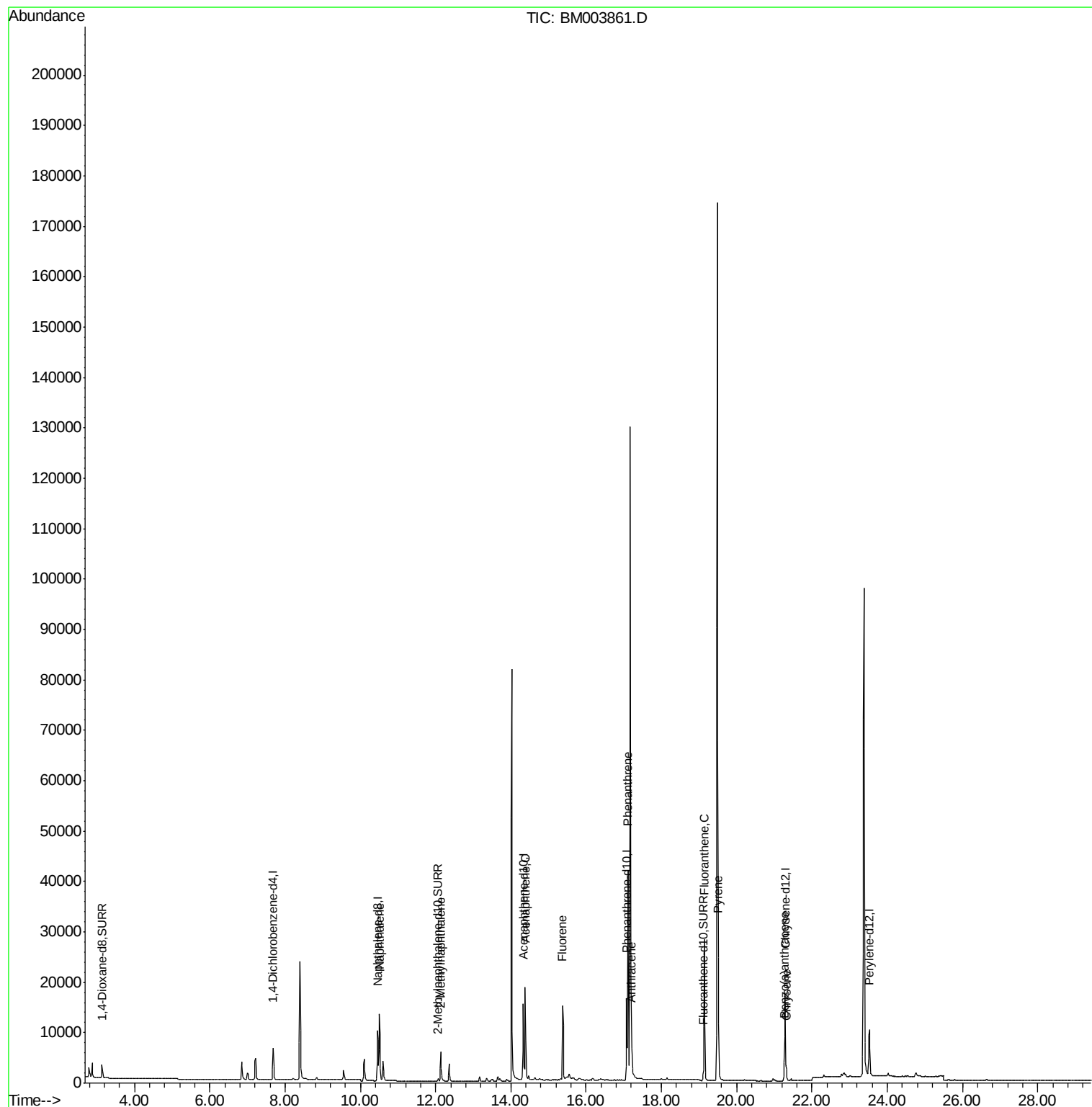
Data Path : Z:\HPCHEM1\BNA M\DATA\BM123115\
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ALS Vial : 21 Sample Multiplier: 1

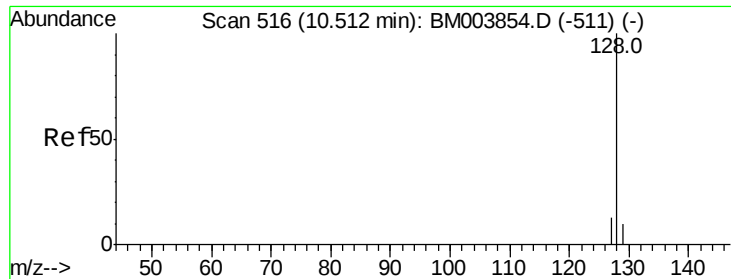
Instrument :
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12/30/2015 3:50:30 PM

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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: 0.56 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Instrument :

BNA_M

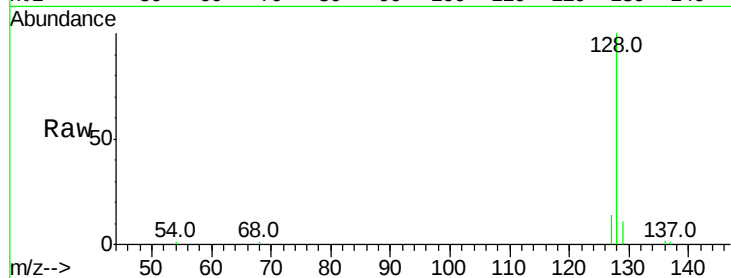
ClientSampleId :

D9N66DL

Tot Ion:	128	Resp:	18938
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.6	9.6	14.4

Manual Integrations
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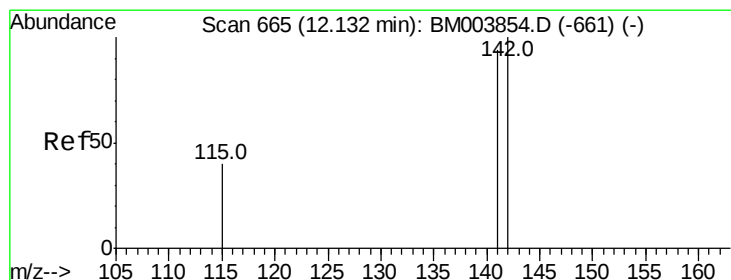
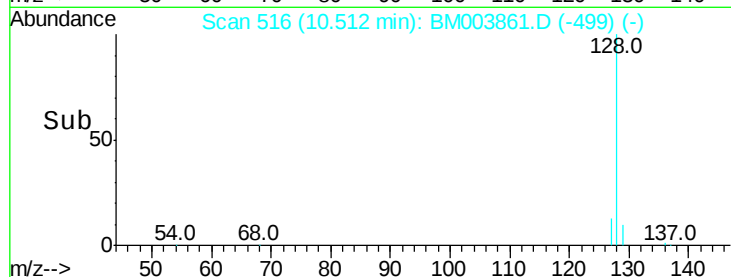
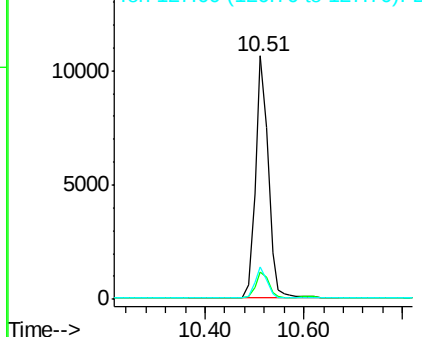
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.24 ng/ul

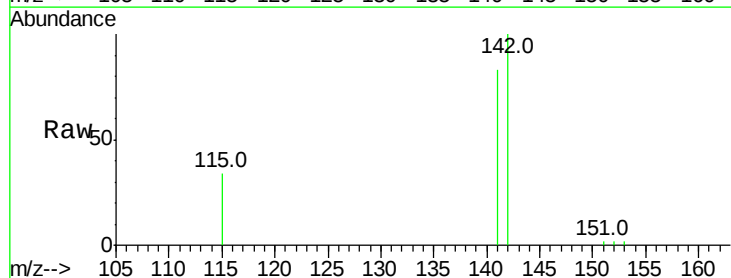
RT: 12.14 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM003861.D

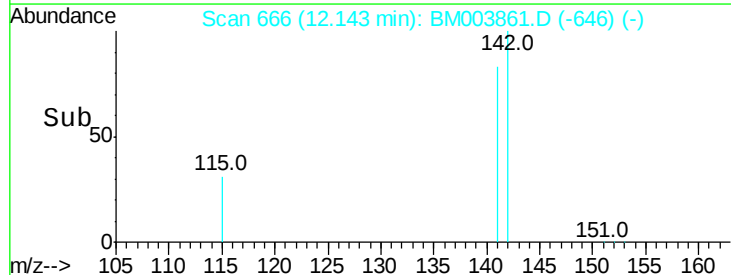
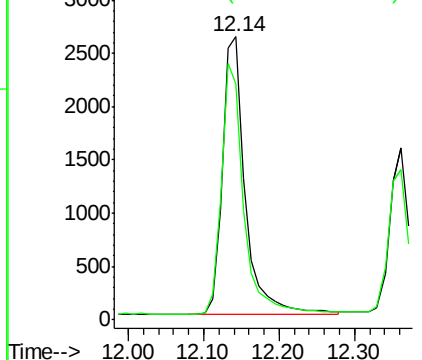
Acq: 29 Dec 2015 22:21

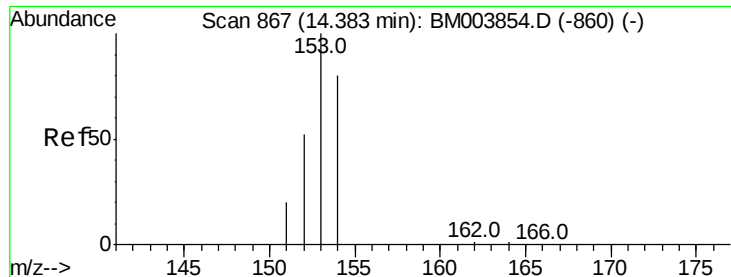
Tgt Ion:	142	Resp:	5526
Ion Ratio	Lower	Upper	
142	100		
141	88.8	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthene

Concen: 0.42 ng/ul

RT: 14.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Instrument :

BNA_M

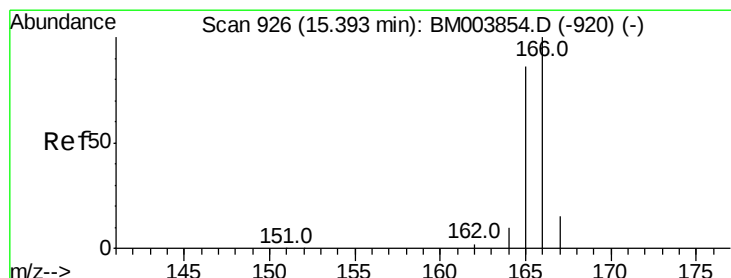
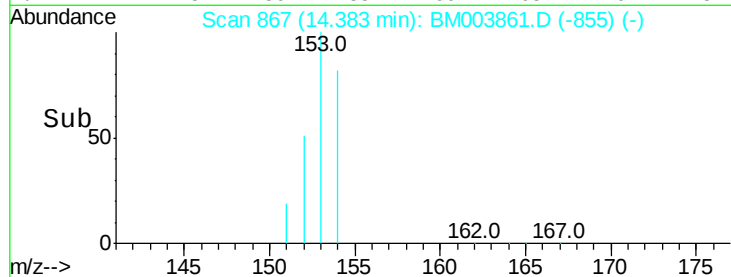
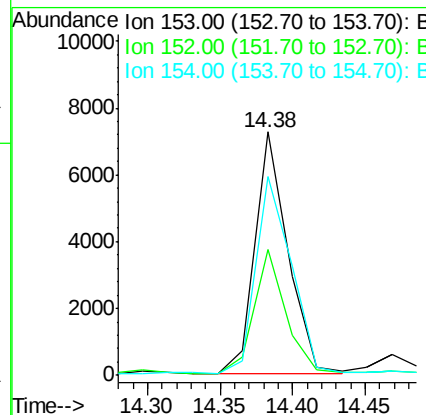
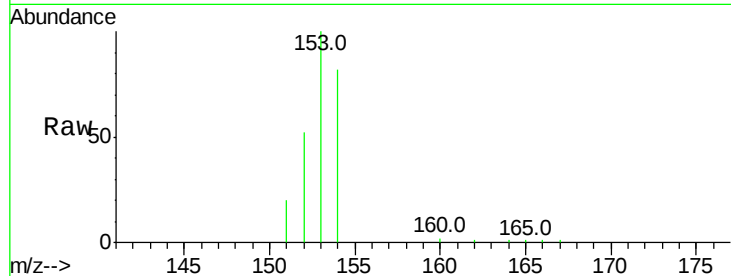
ClientSampleId :

D9N66DL

Tot Ion:	153	Resp:	11363
Ion Ratio	Lower	Upper	
153	100		
152	51.7	33.9	50.9#
154	81.7	80.6	121.0

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#11

Fluorene

Concen: 0.43 ng/ul

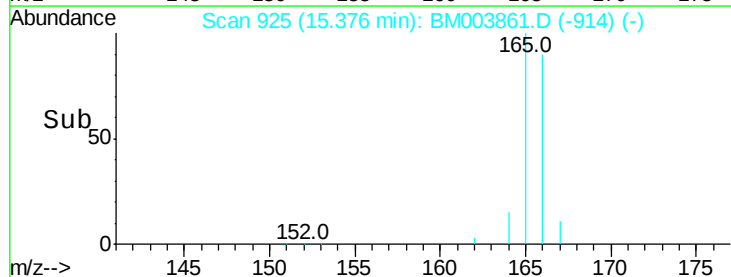
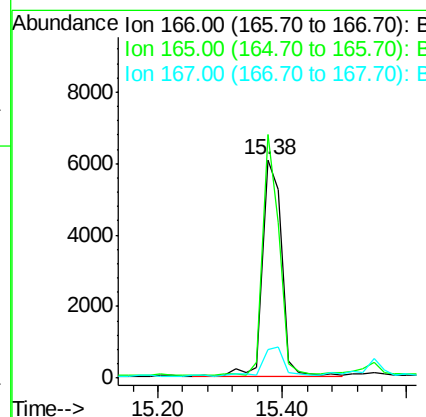
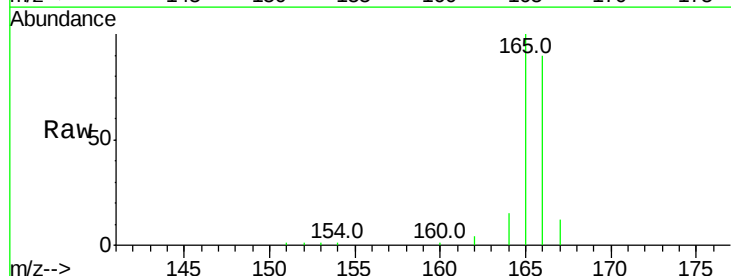
RT: 15.38 min Scan# 925

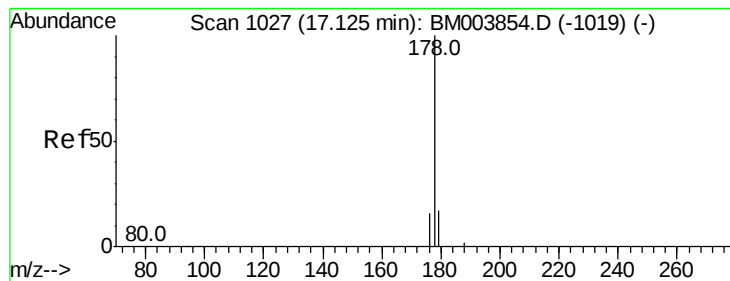
Delta R.T. -0.02 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Tgt Ion:	166	Resp:	12865
Ion Ratio	Lower	Upper	
166	100		
165	111.5	69.6	104.4#
167	13.2	11.9	17.9





#14

Phenanthrene

Concen: 1.08 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Instrument :

BNA_M

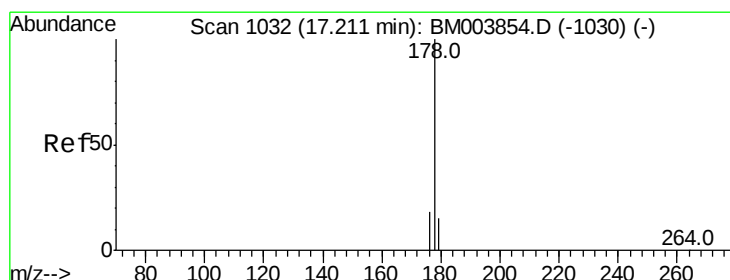
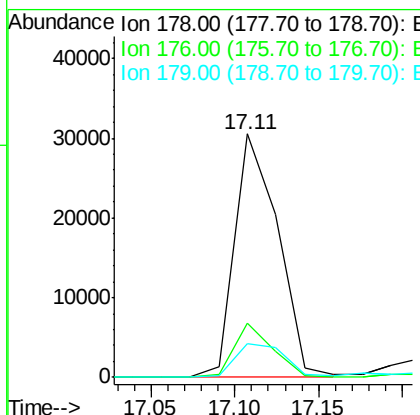
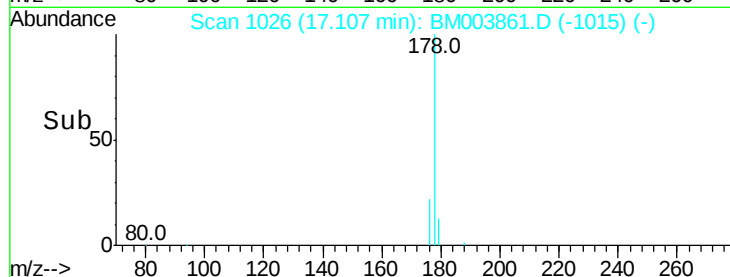
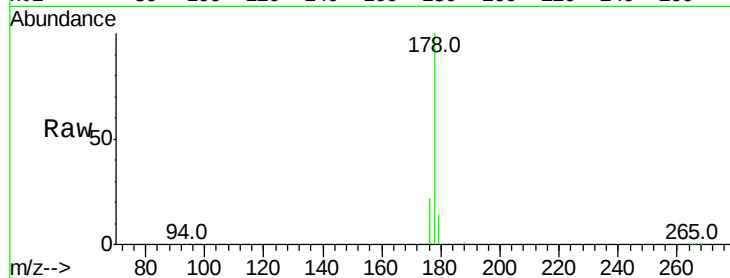
ClientSampleID :

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Tot Ion:	178	Resp:	55623
Ion Ratio	Lower	Upper	
178	100		
176	22.0	13.0	19.4#
179	13.6	14.2	21.2#



#15

Anthracene

Concen: 0.10 ng/ul

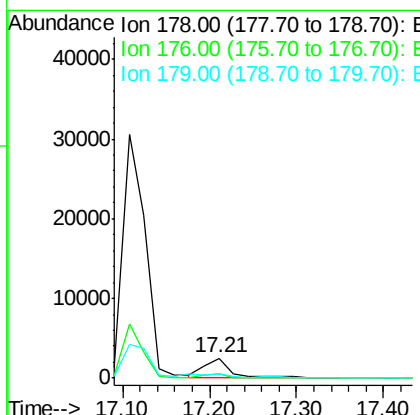
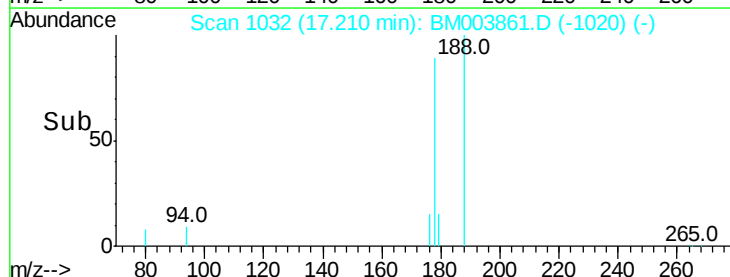
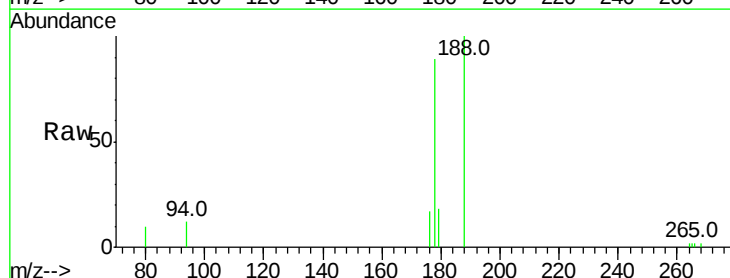
RT: 17.21 min Scan# 1032

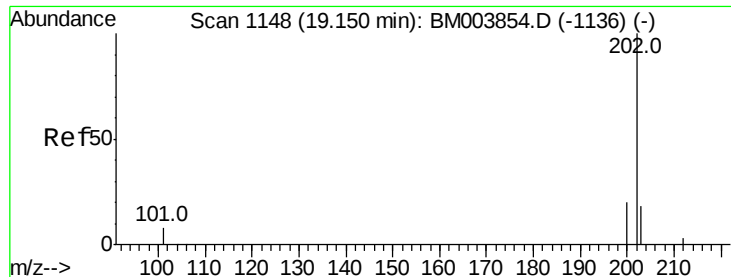
Delta R.T. -0.00 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Tgt Ion:	178	Resp:	4632
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.0	21.0
179	19.9	12.9	19.3#





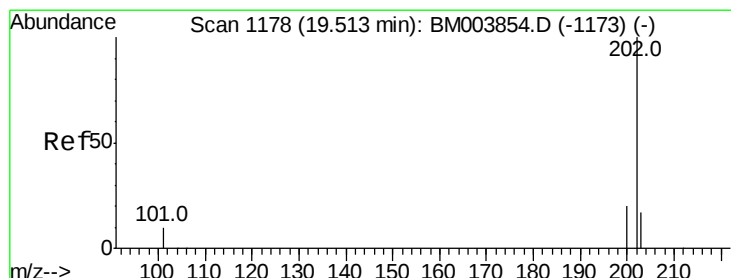
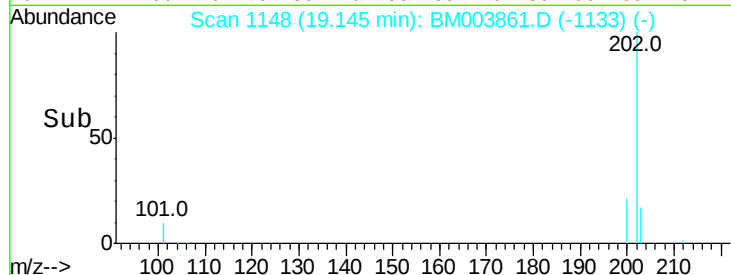
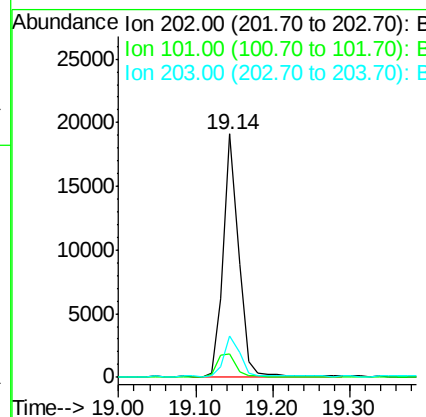
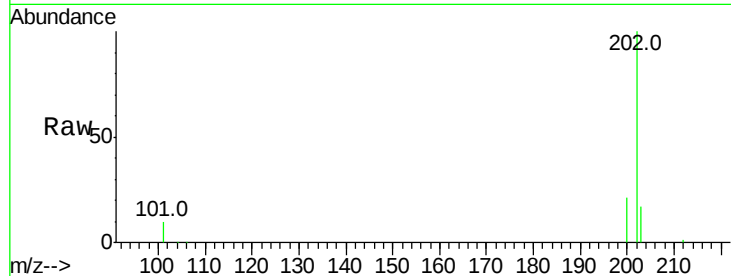
#17
Fluoranthene
 Concen: 0.47 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM003861.D
 Acq: 29 Dec 2015 22:21

Instrument :
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 ClientSampleId :
 D9N66DL

Tot Ion:	202	Resp:	26230
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.6
203	16.9	0.0	36.3

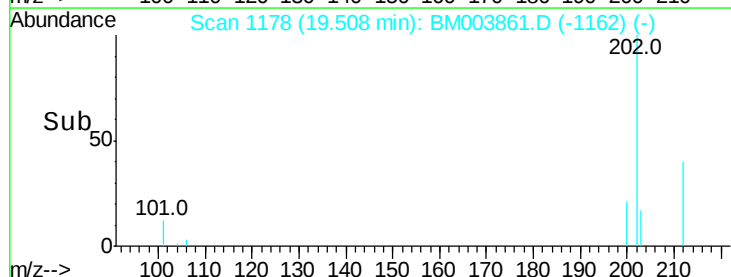
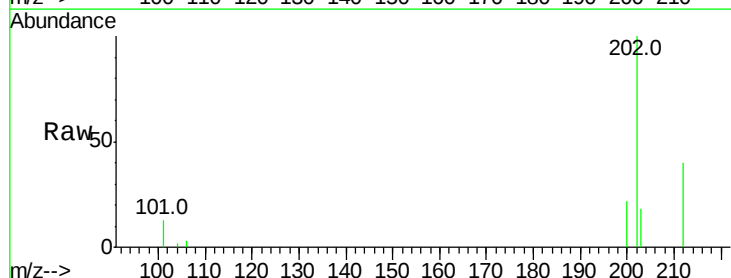
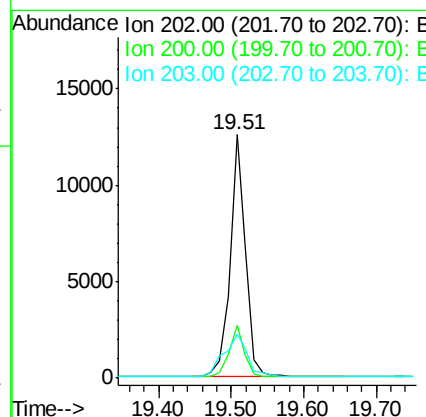
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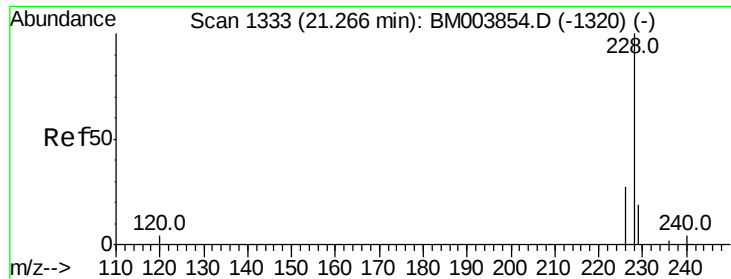
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 12/30/2015 3:50:30 PM



#19
Pyrene
 Concen: 0.43 ng/ul
 RT: 19.51 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM003861.D
 Acq: 29 Dec 2015 22:21

Tgt Ion:	202	Resp:	18940
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.8
203	17.9	12.8	19.2





#20

Benzo(a)anthracene

Concen: 0.08 ng/u1

RT: 21.26 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Instrument :

BNA_M

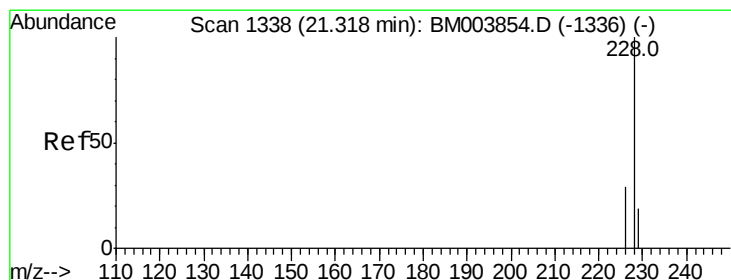
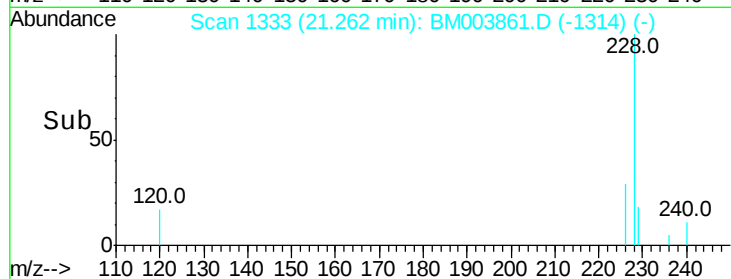
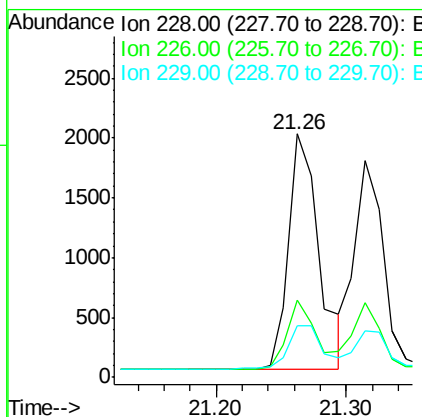
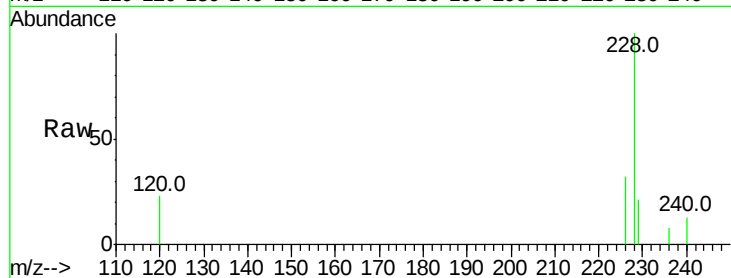
ClientSampleId :

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Tot Ion:228	Resp:	3215
Ion Ratio	Lower	Upper
228 100		
226 31.6	18.8	28.2#
229 21.1	17.1	25.7

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#21

Chrysene

Concen: 0.06 ng/u1 m

RT: 21.31 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BM003861.D

Acq: 29 Dec 2015 22:21

Tgt Ion:228	Resp:	2766
Ion Ratio	Lower	Upper
228 100		
226 34.6	21.2	31.8#
229 21.6	17.0	25.6

