

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
 Data File : BM003605.D
 Acq On : 17 Dec 2015 18:42
 Operator : UM/IZ
 Sample : G4767-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N33DL

Manual Integrations
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Quant Time: Dec 18 04:10:23 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 : Fri Dec 18 00:41:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10124	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6058	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	13588m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	10585	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9503	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2678	2.55	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	932	0.08	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1798	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	4331	0.19	ng/ul#	94
7) 2-Methylnaphthalene	12.16	142	6111	0.40	ng/ul	98
9) Acenaphthylene	14.07	152	820	0.04	ng/ul#	72
10) Acenaphthene	14.42	153	12384	0.66	ng/ul	95
11) Fluorene	15.41	166	12538	0.61	ng/ul	94
14) Phenanthrene	17.14	178	48170	1.37	ng/ul	96
17) Fluoranthene	19.17	202	21499	0.56	ng/ul	98
19) Pyrene	19.53	202	16831	0.59	ng/ul	97
20) Benzo(a)anthracene	21.28	228	2433	0.09	ng/ul#	89
21) Chrysene	21.34	228	1800	0.06	ng/ul#	87

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

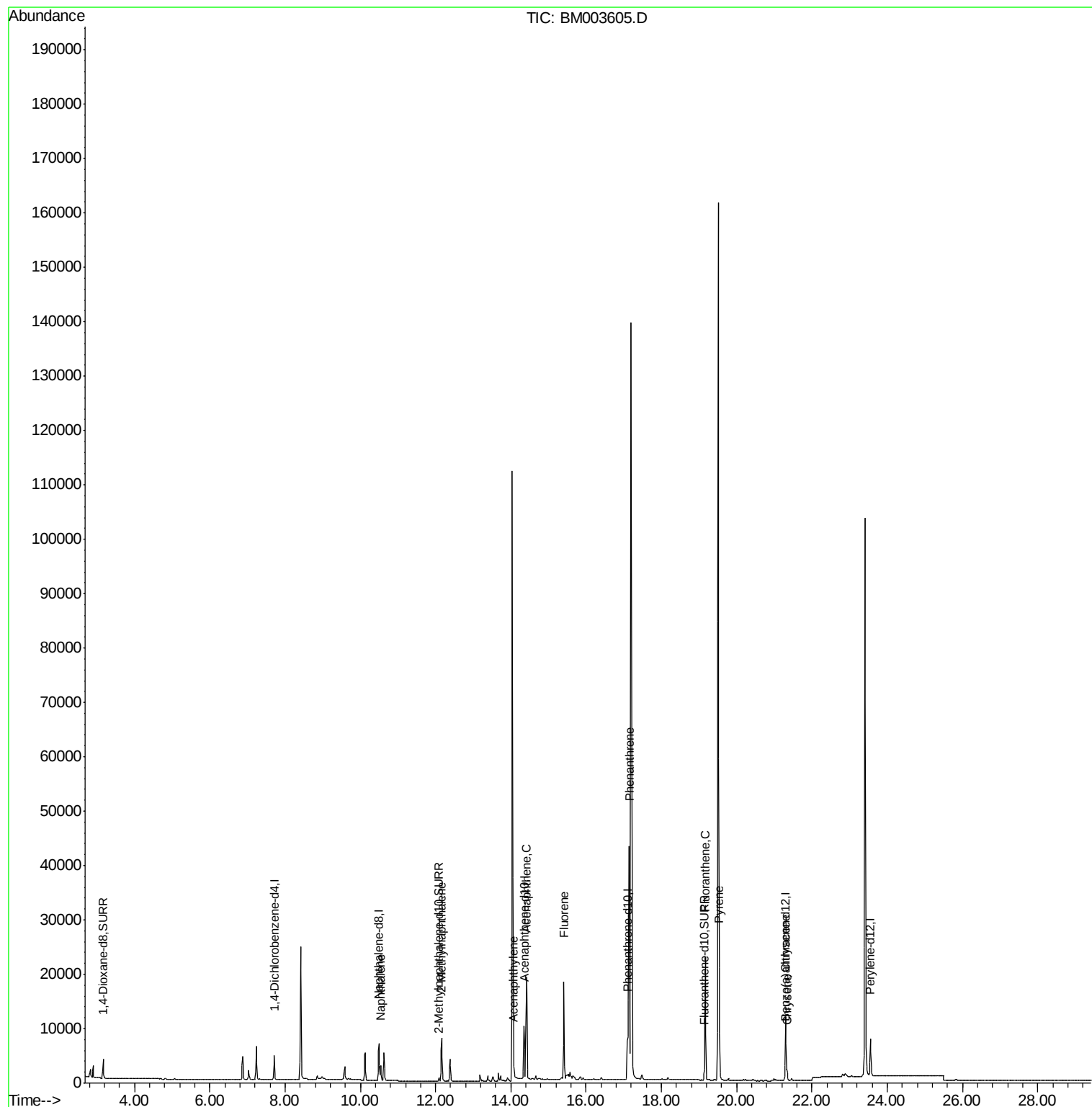
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121715\
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ALS Vial : 8 Sample Multiplier: 1

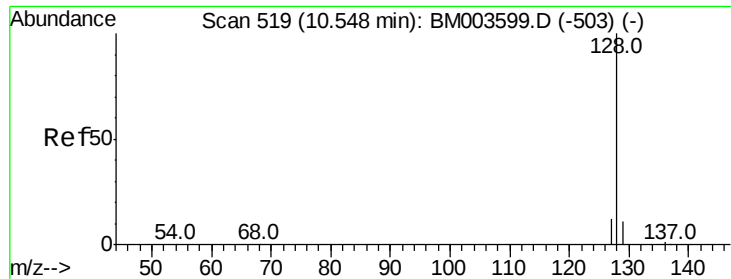
Instrument :
BNA_M
ClientSampleId :
D9N33DL

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QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.19 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. 0.00 min

Lab File: BM003605.D

Acq: 17 Dec 2015 18:42

Instrument :

BNA_M

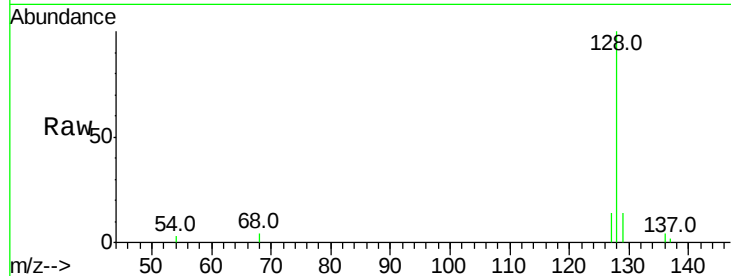
ClientSampleId :

D9N33DL

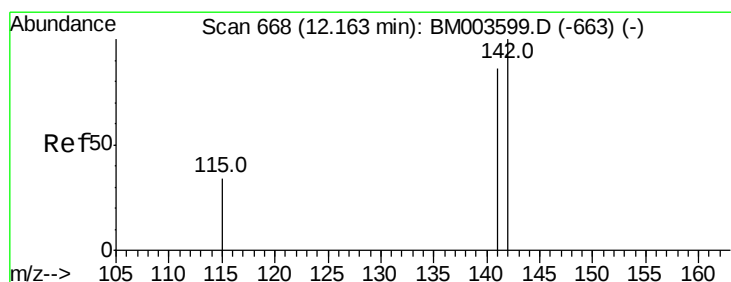
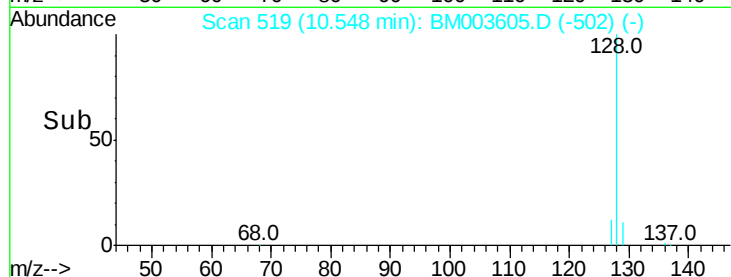
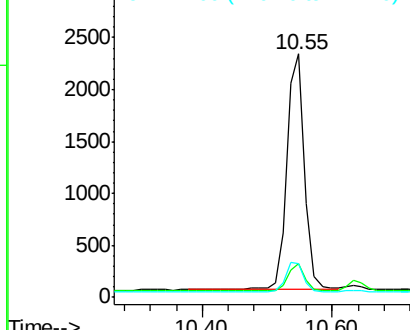
Tot Ion:	128	Resp:	4331
Ion Ratio	Lower	Upper	
128	100		
129	13.9	9.0	13.6#
127	14.1	9.6	14.4

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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: 0.40 ng/ul

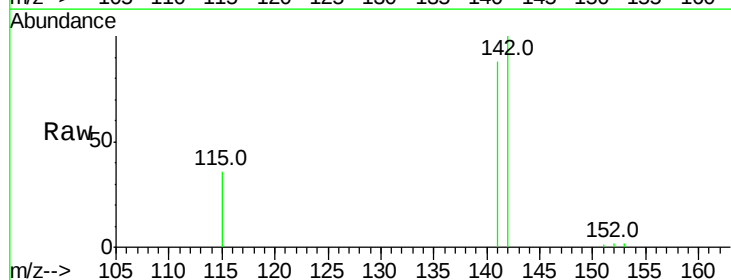
RT: 12.16 min Scan# 668

Delta R.T. 0.00 min

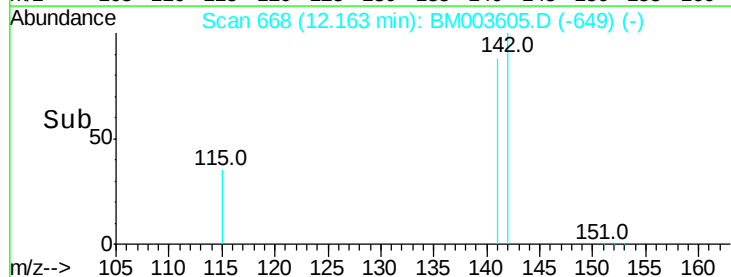
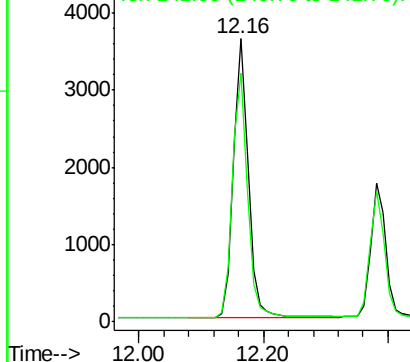
Lab File: BM003605.D

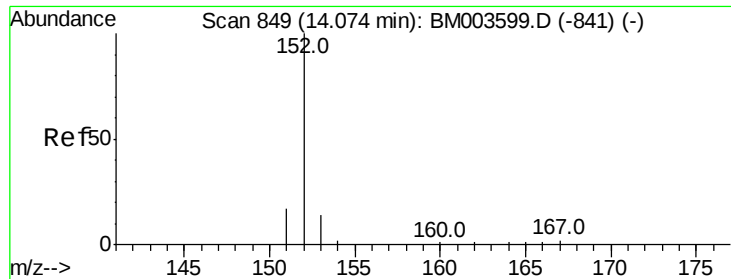
Acq: 17 Dec 2015 18:42

Tgt Ion:	142	Resp:	6111
Ion Ratio	Lower	Upper	
142	100		
141	89.5	70.3	105.5



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





#9

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM003605.D

Acq: 17 Dec 2015 18:42

Instrument :

BNA_M

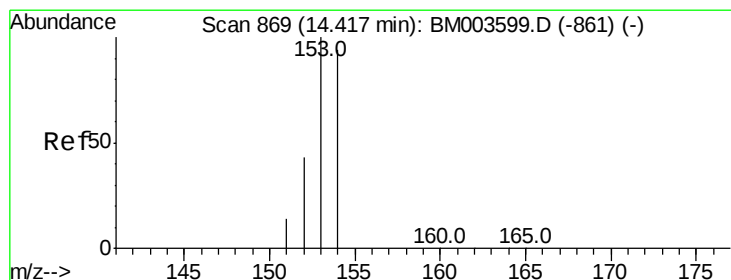
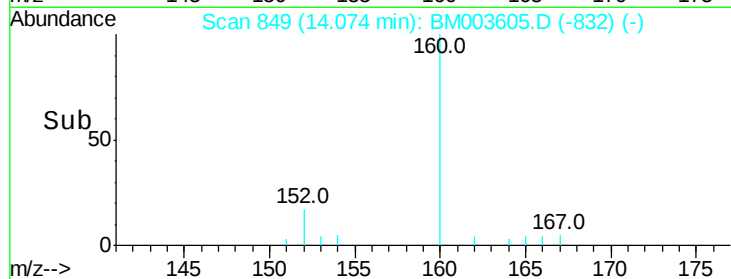
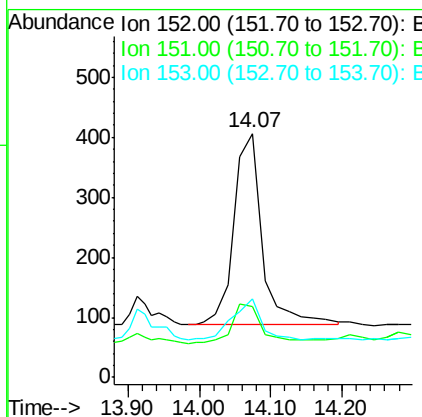
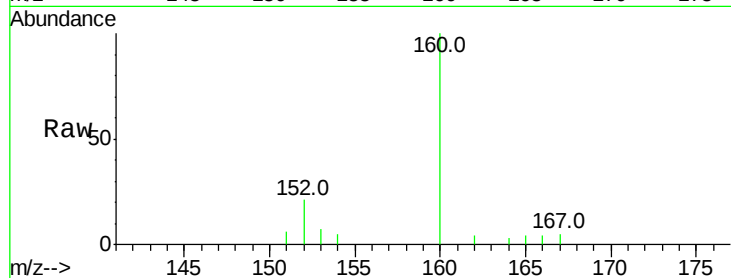
ClientSampleId :

D9N33DL

Tot Ion:	152	Resp:	820
Ion Ratio	Lower	Upper	
152	100		
151	29.1	17.6	26.4#
153	32.5	9.7	14.5#

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#10

Acenaphthene

Concen: 0.66 ng/ul

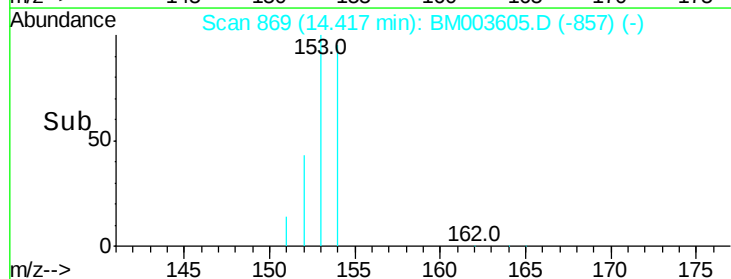
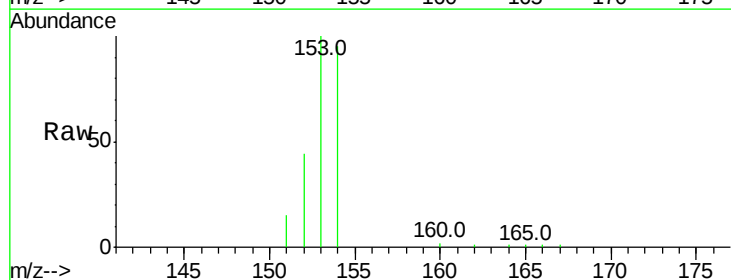
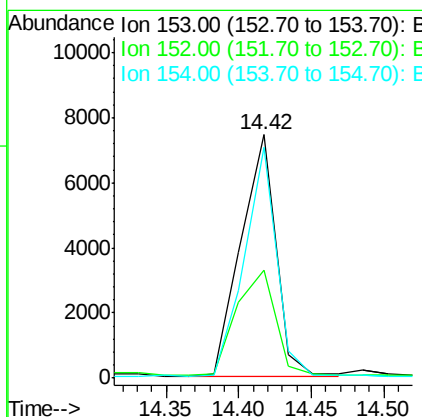
RT: 14.42 min Scan# 869

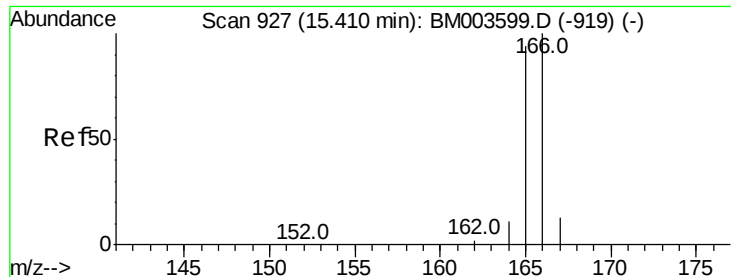
Delta R.T. 0.00 min

Lab File: BM003605.D

Acq: 17 Dec 2015 18:42

Tgt Ion:	153	Resp:	12384
Ion Ratio	Lower	Upper	
153	100		
152	44.3	33.9	50.9
154	95.1	80.6	121.0





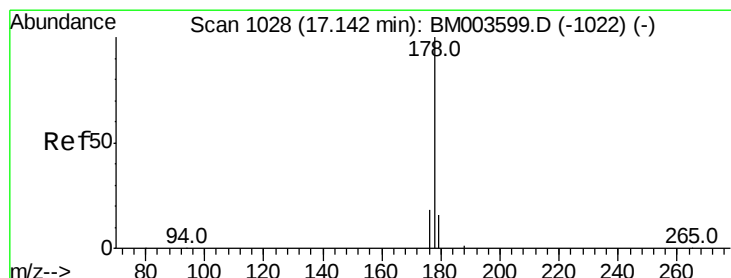
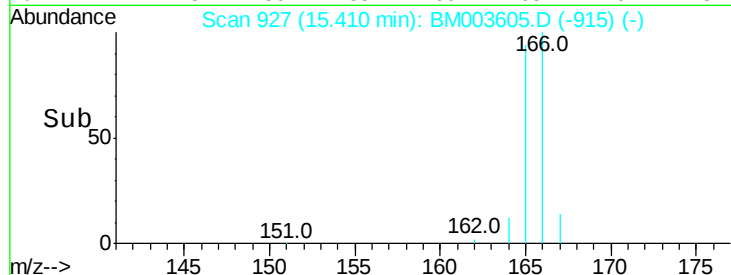
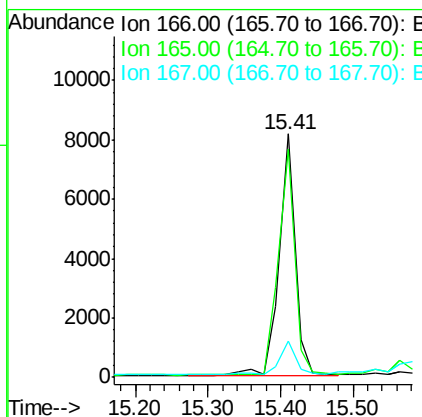
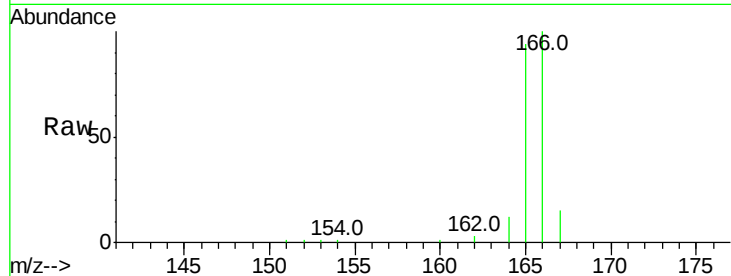
#11
Fluorene
Concen: 0.61 ng/ul
RT: 15.41 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM003605.D
Acq: 17 Dec 2015 18:42

Instrument :
BNA_M
ClientSampleId :
D9N33DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.8	69.6	104.4
167	14.8	11.9	17.9

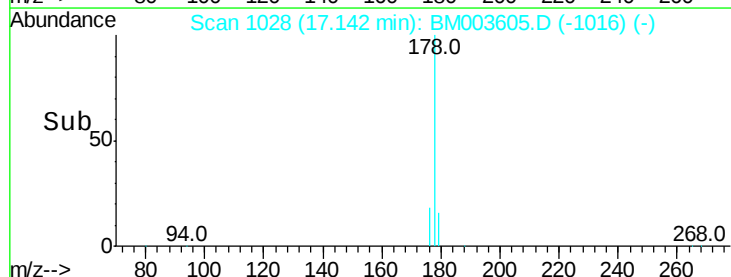
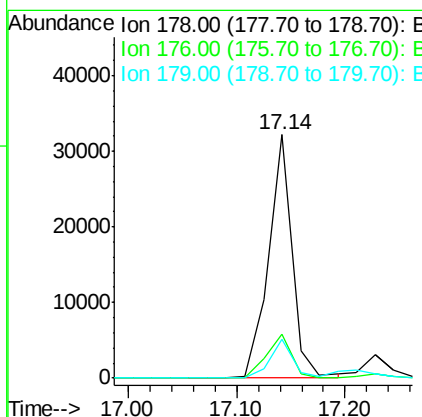
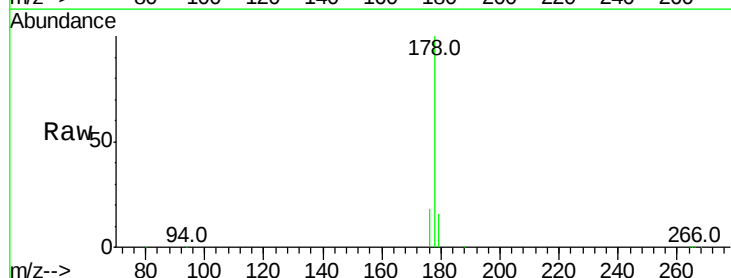
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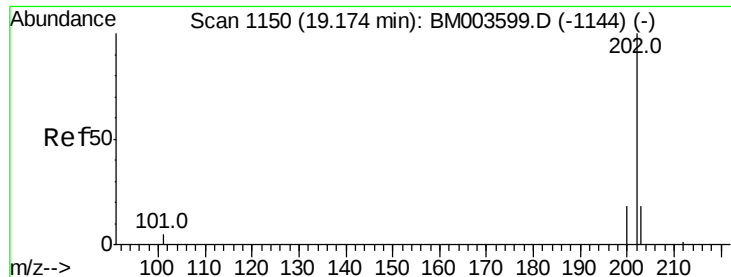
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#14
Phenanthrene
Concen: 1.37 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM003605.D
Acq: 17 Dec 2015 18:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	13.0	19.4
179	16.1	14.2	21.2





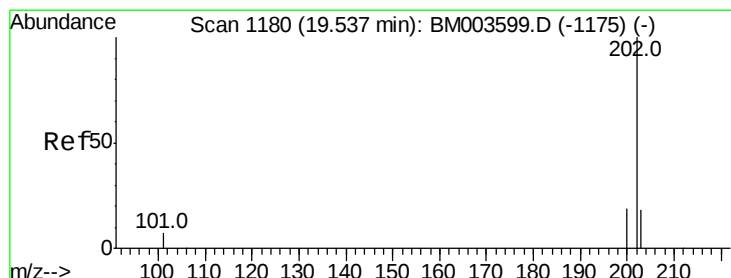
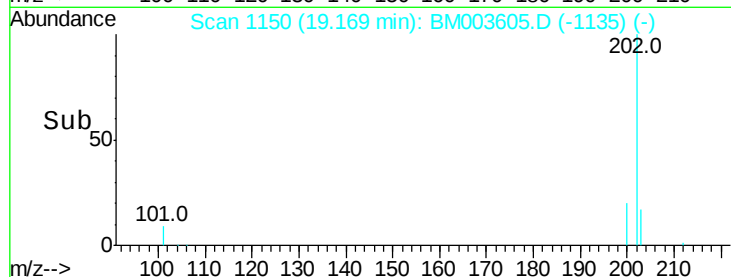
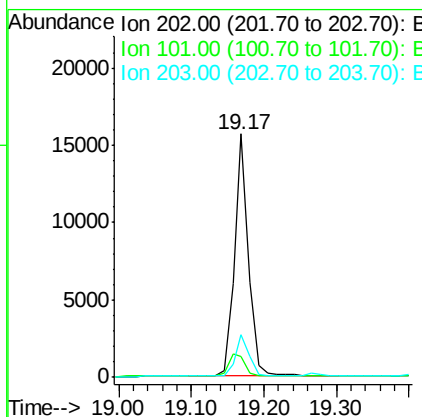
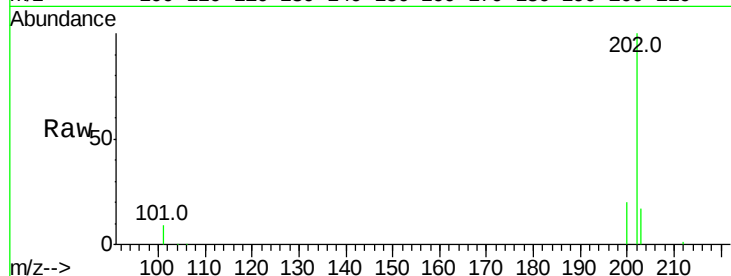
#17
Fluoranthene
 Concen: 0.56 ng/ul
 RT: 19.17 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM003605.D
 Acq: 17 Dec 2015 18:42

Instrument :
 BNA_M
 ClientSampleId :
 D9N33DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	21499		
101	8.8		0.0	29.6
203	17.4		0.0	36.3

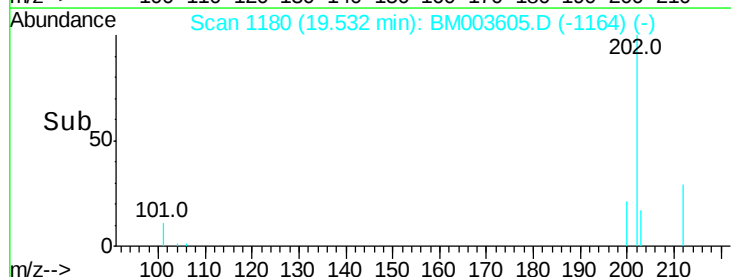
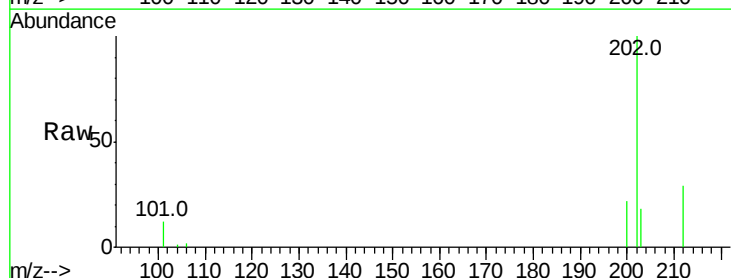
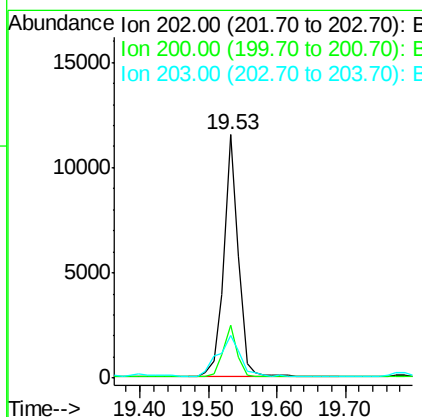
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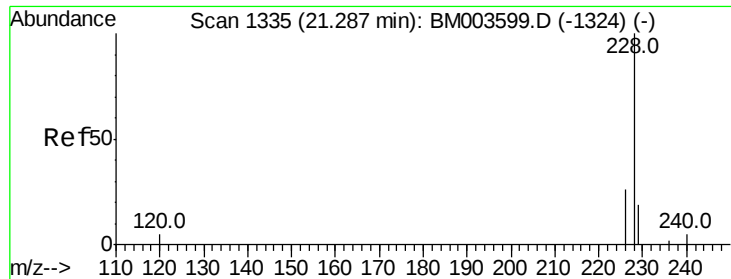
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#19
Pyrene
 Concen: 0.59 ng/ul
 RT: 19.53 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BM003605.D
 Acq: 17 Dec 2015 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16831		
200	21.5		17.8	26.8
203	17.7		12.8	19.2





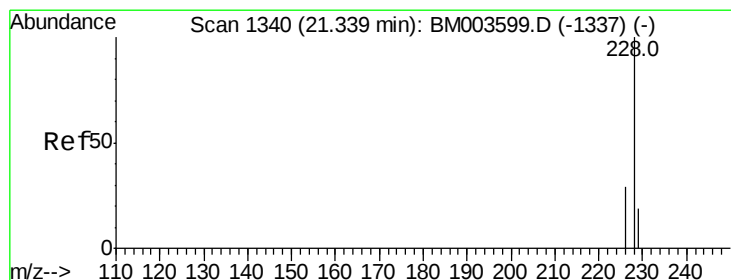
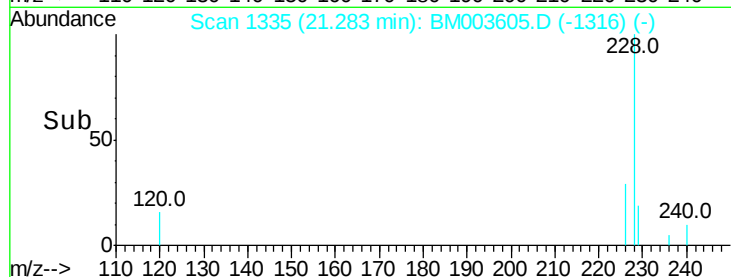
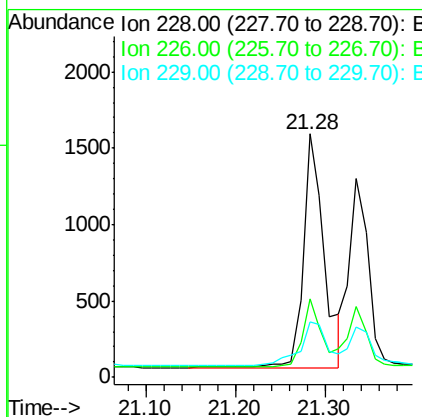
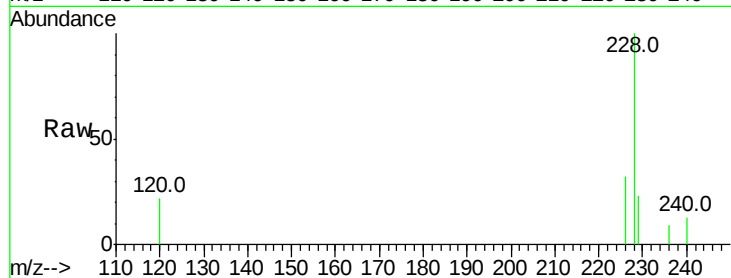
#20
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM003605.D
Acq: 17 Dec 2015 18:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	18.8	28.2#
229	23.0	17.1	25.7

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#21
Chrysene
Concen: 0.06 ng/ul
RT: 21.34 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BM003605.D
Acq: 17 Dec 2015 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	21.2	31.8#
229	25.0	17.0	25.6

