

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008240.D
 Acq On : 10 Dec 2016 19:53
 Operator : UM/SJ
 Sample : H5905-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA804

Manual Integrations
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Quant Time: Dec 12 11:10:37 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1120	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2675	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	7245	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	3476m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2198m	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1859m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	1245	0.33	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	2710m	0.28	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.52	128	1552868	207.58	ng/ul#	93
5) 2-Methylnaphthalene	12.15	142	2309041	478.85	ng/ul	98
7) Acenaphthylene	14.04	152	41407	1.26	ng/ul#	13
8) Acenaphthene	14.40	153	110128	4.41	ng/ul	96
9) Fluorene	15.39	166	205736	7.18	ng/ul	99
12) Phenanthrene	17.11	178	92437	8.54	ng/ul	98
13) Anthracene	17.21	178	19863m	1.95	ng/ul	
15) Fluoranthene	19.14	202	11848	0.85	ng/ul	89
17) Pyrene	19.51	202	12864m	1.69	ng/ul	
18) Benzo(a)anthracene	21.25	228	1655m	0.25	ng/ul	
19) Chrysene	21.30	228	1986m	0.24	ng/ul	

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

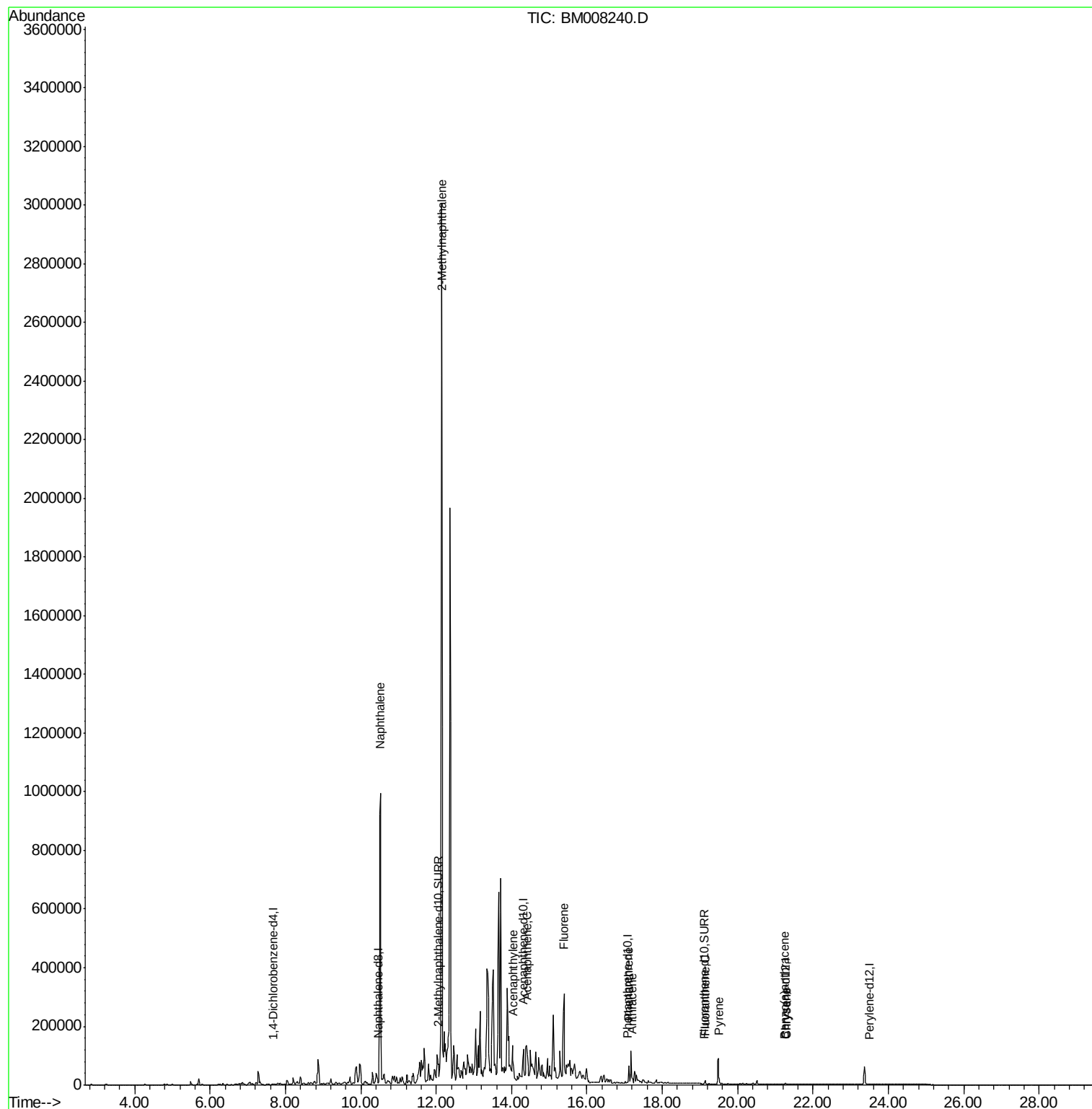
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008240.D
Acq On : 10 Dec 2016 19:53
Operator : UM/SJ
Sample : H5905-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

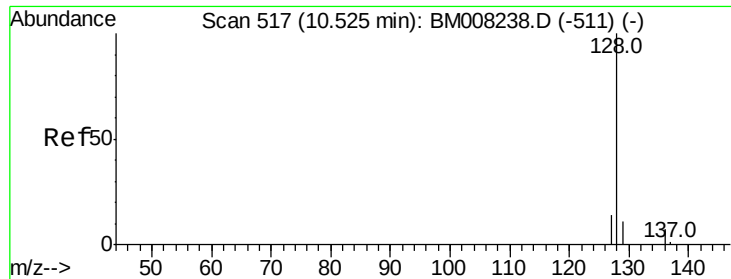
Instrument :
BNA_M
ClientSampleId :
DA804

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#3

Naphthalene

Concen: 207.58 ng/ul

RT: 10.52 min Scan# 517

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

DA804

Tot Ion:128 Resp: 1552868

Ion Ratio Lower Upper

128 100

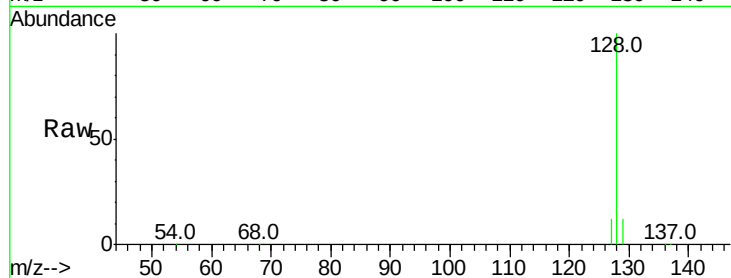
129 11.9 11.3 16.9

127 12.3 12.8 19.2#

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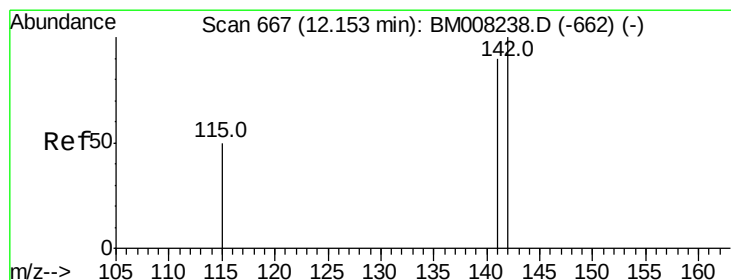
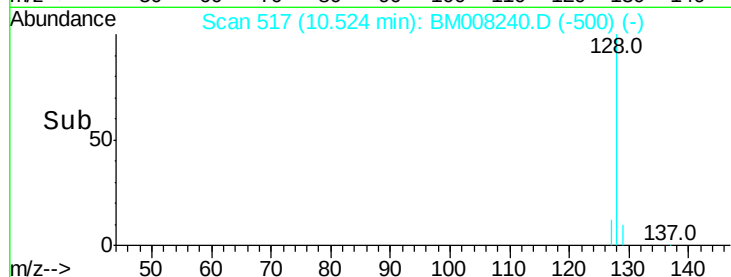
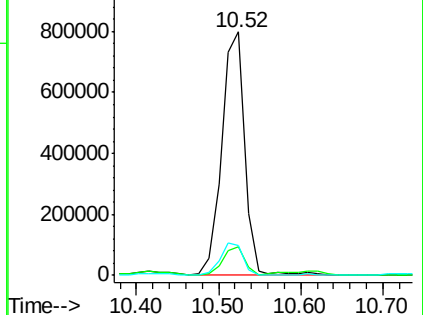
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 478.85 ng/ul

RT: 12.15 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM008240.D

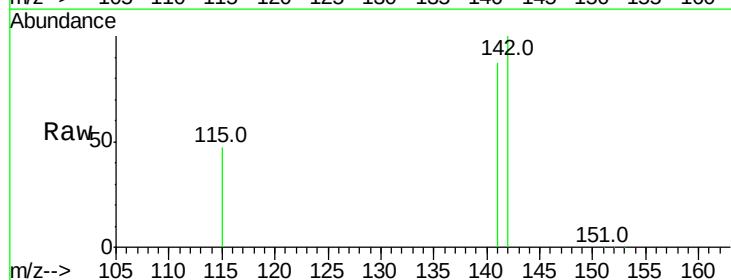
Acq: 10 Dec 2016 19:53

Tgt Ion:142 Resp: 2309041

Ion Ratio Lower Upper

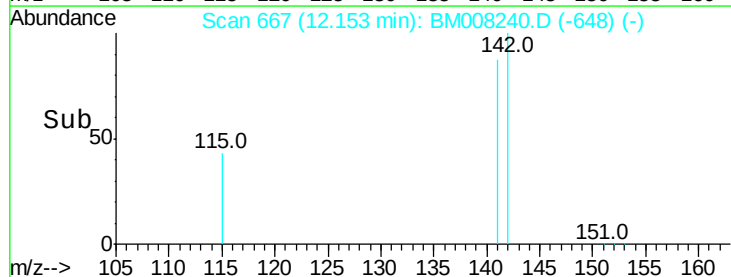
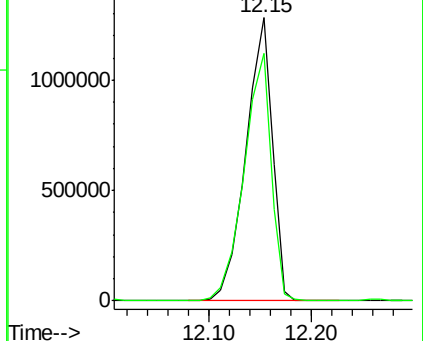
142 100

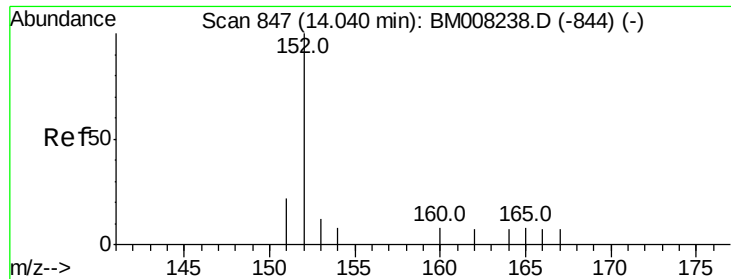
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.26 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

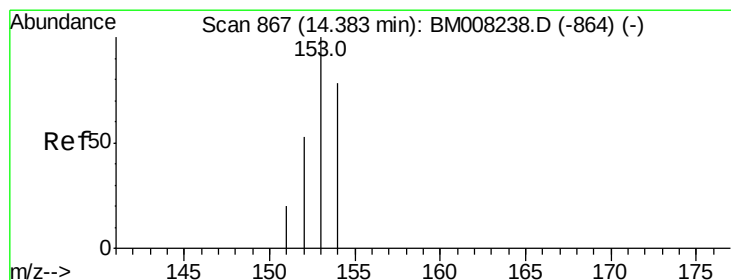
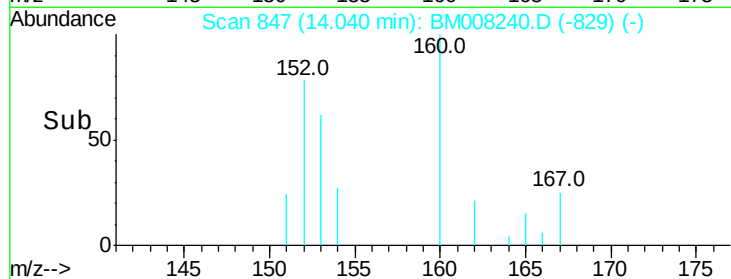
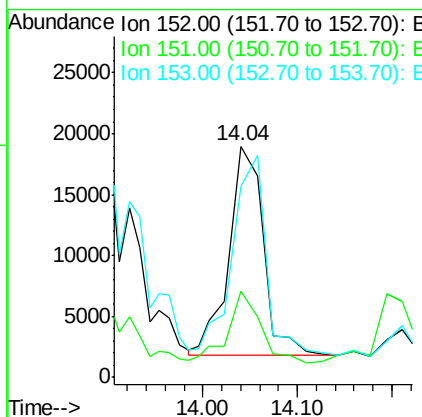
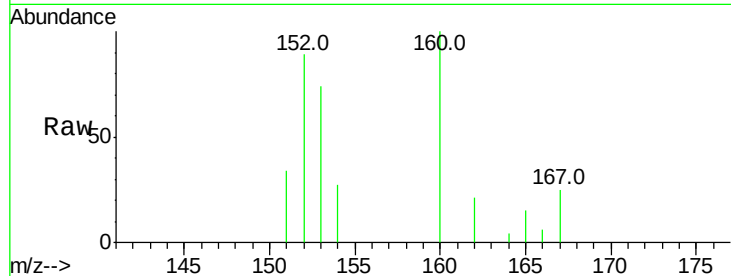
ClientSampleId :

DA804

Tot Ion:	152	Resp:	41407
Ion Ratio	Lower	Upper	
152	100		
151	37.5	17.1	25.7#
153	82.6	12.8	19.2#

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#8

Acenaphthene

Concen: 4.41 ng/ul

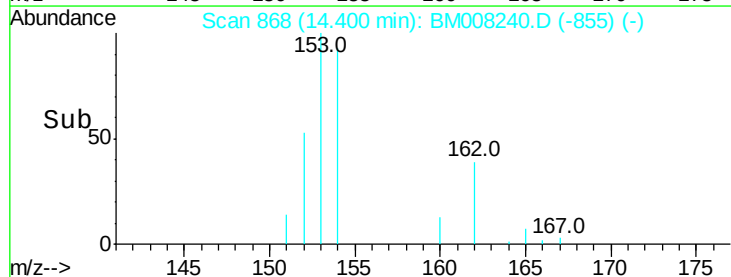
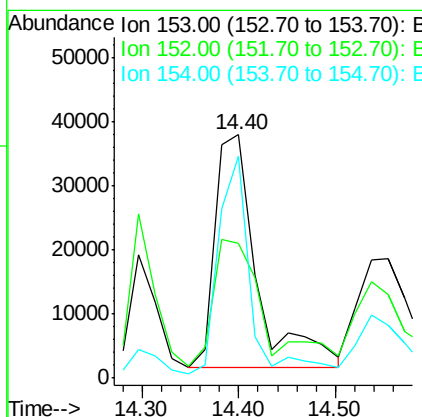
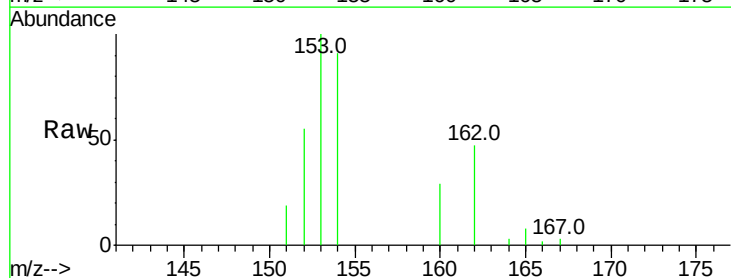
RT: 14.40 min Scan# 868

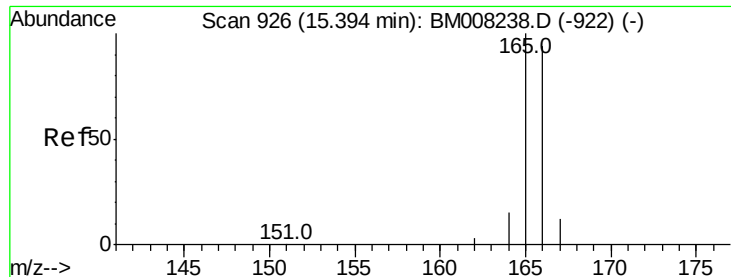
Delta R.T. 0.02 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Tgt Ion:	153	Resp:	110128
Ion Ratio	Lower	Upper	
153	100		
152	55.2	40.3	60.5
154	90.9	71.4	107.2





#9

Fluorene

Concen: 7.18 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

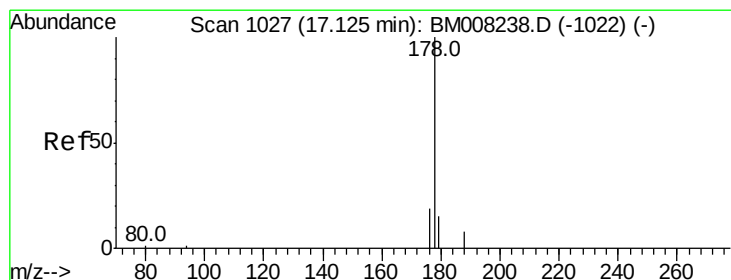
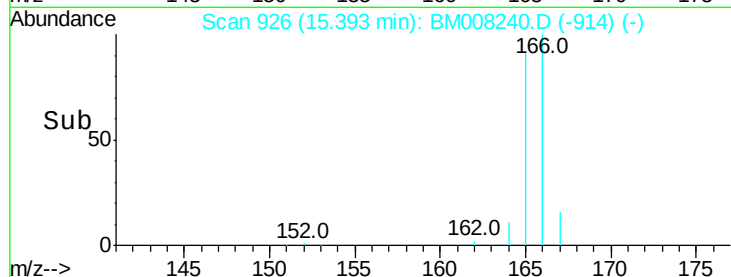
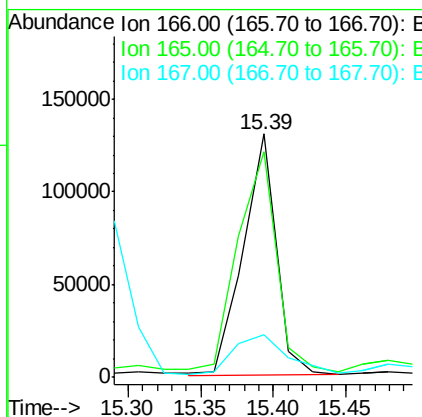
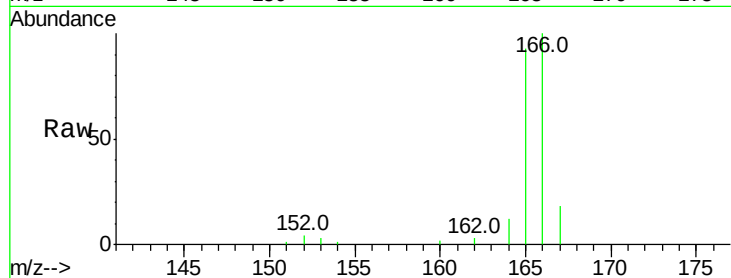
ClientSampleId :

DA804

Tot Ion:	166	Resp:	205736
Ion Ratio	Lower	Upper	
166	100		
165	92.8	73.4	110.2
167	17.7	14.6	22.0

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#12

Phenanthrene

Concen: 8.54 ng/ul

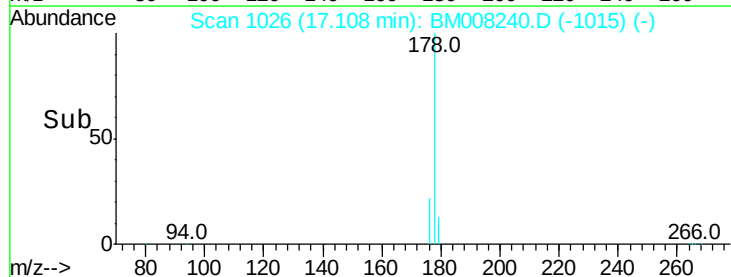
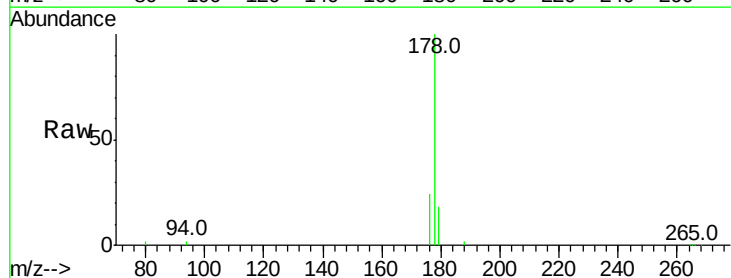
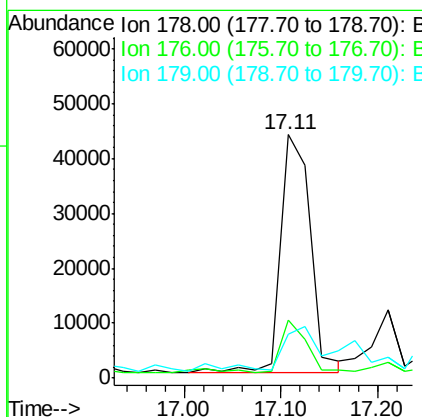
RT: 17.11 min Scan# 1026

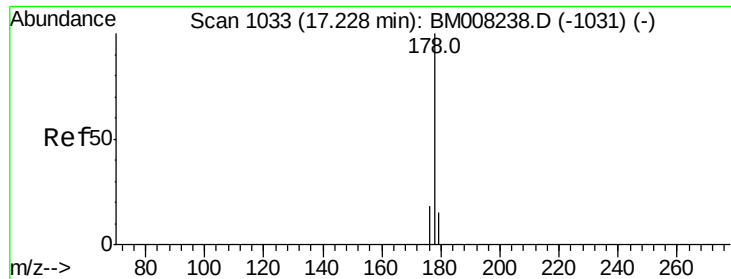
Delta R.T. -0.02 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Tgt Ion:	178	Resp:	92437
Ion Ratio	Lower	Upper	
178	100		
176	23.9	18.4	27.6
179	18.2	13.6	20.4





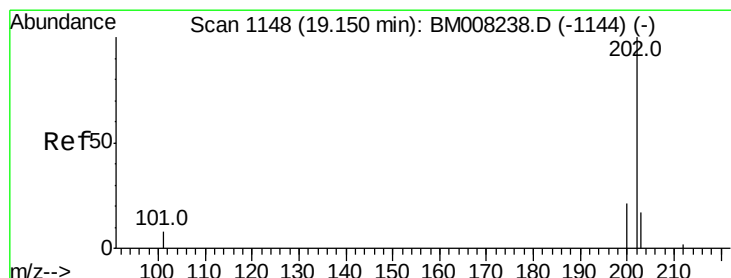
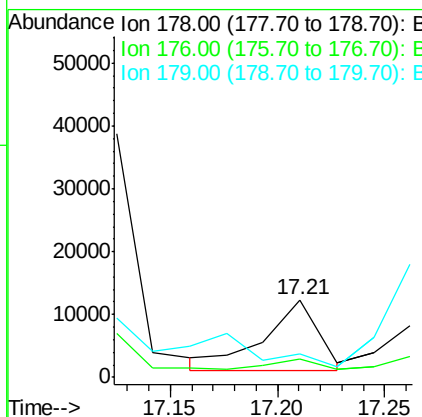
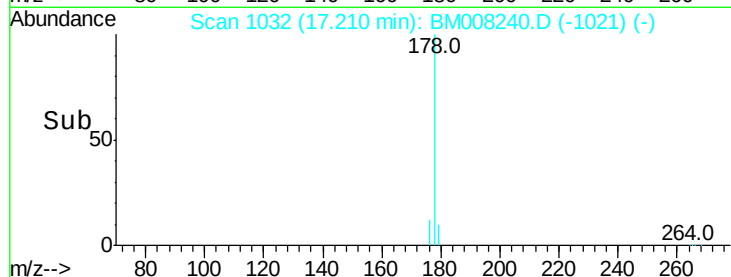
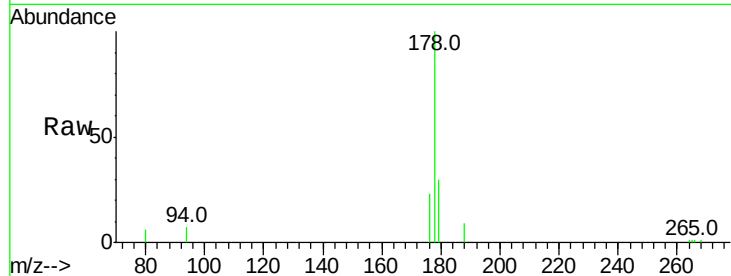
#13
 Anthracene
 Concen: 1.95 ng/ul m
 RT: 17.21 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BM008240.D
 Acq: 10 Dec 2016 19:53

Instrument :
 BNA_M
 ClientSampleId :
 DA804

Tot Ion:178 Resp: 19863
 Ion Ratio Lower Upper
 178 100
 176 23.2 18.1 27.1
 179 30.0 14.7 22.1#

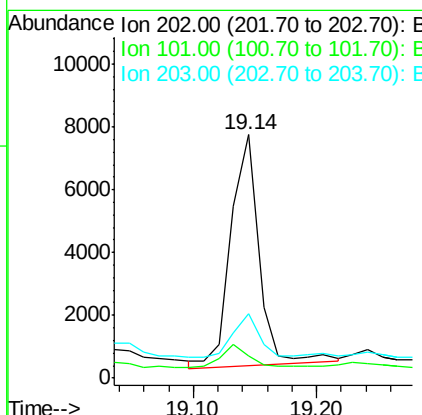
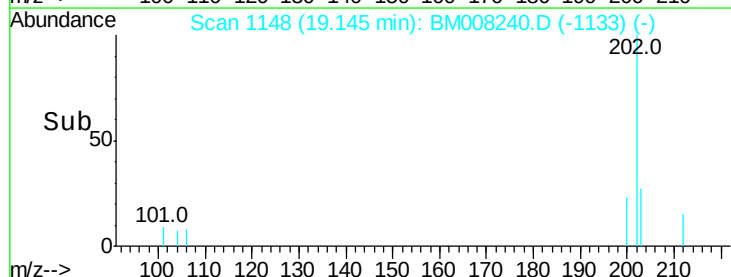
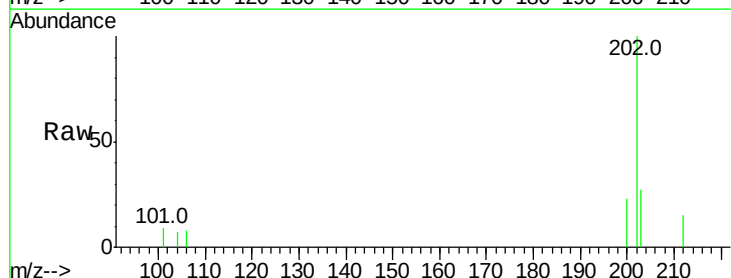
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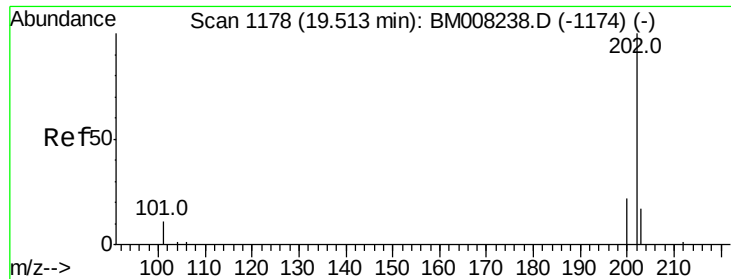
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#15
 Fluoranthene
 Concen: 0.85 ng/ul
 RT: 19.14 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM008240.D
 Acq: 10 Dec 2016 19:53

Tgt Ion:202 Resp: 11848
 Ion Ratio Lower Upper
 202 100
 101 9.2 0.0 30.3
 203 26.6 0.0 39.5





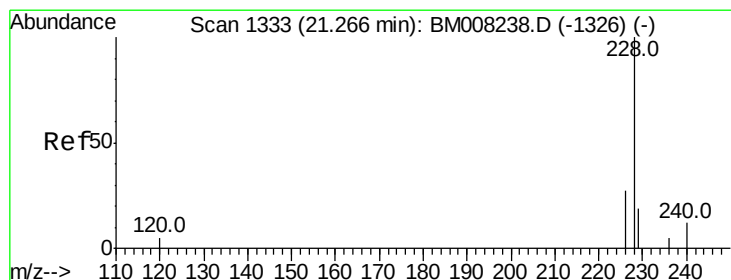
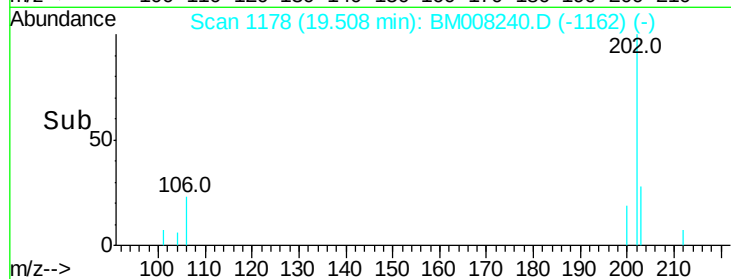
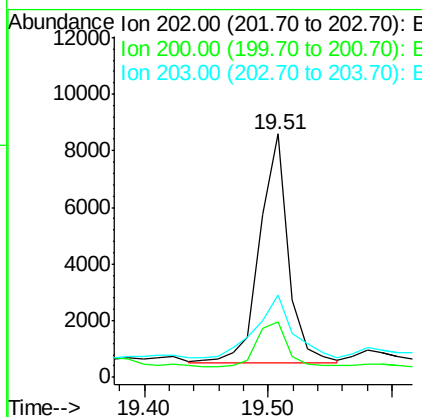
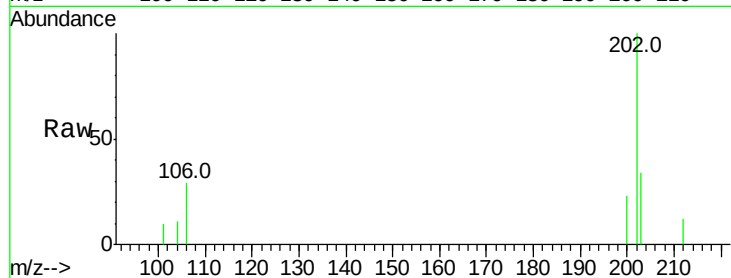
#17
Pvrene
Concen: 1.69 ng/ul m
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008240.D
Acq: 10 Dec 2016 19:53

Instrument :
BNA_M
ClientSampleId :
DA804

Tot Ion:	202	Resp:	12864
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.2	27.4
203	34.0	15.6	23.4#

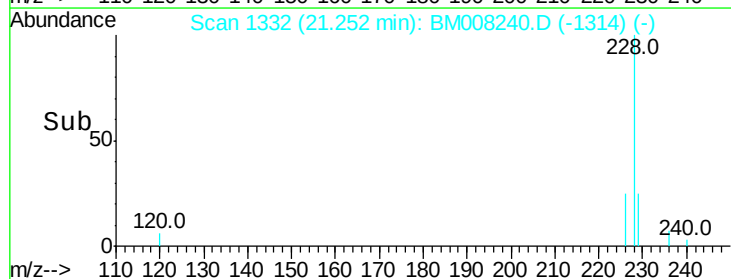
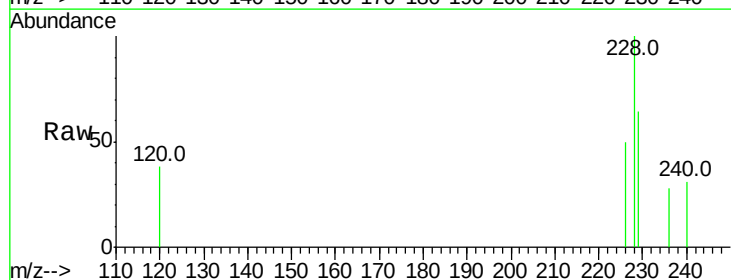
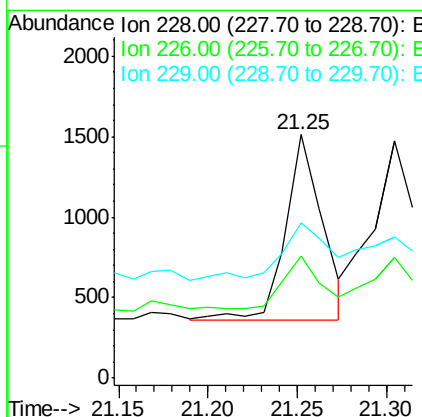
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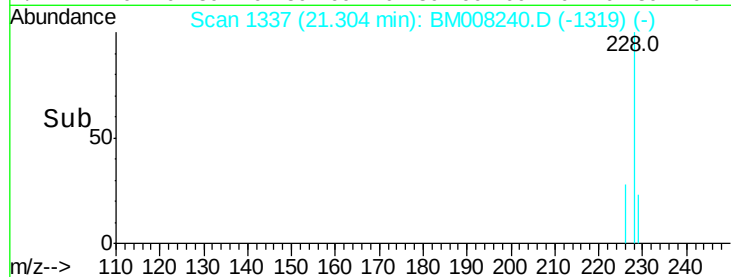
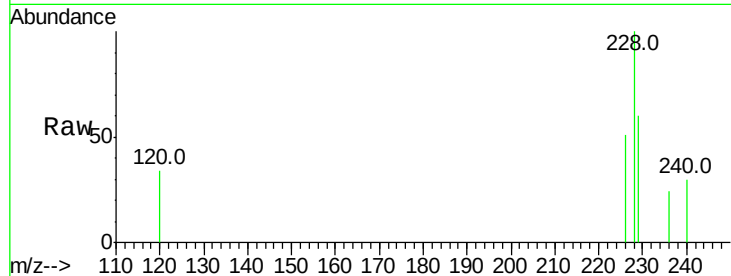
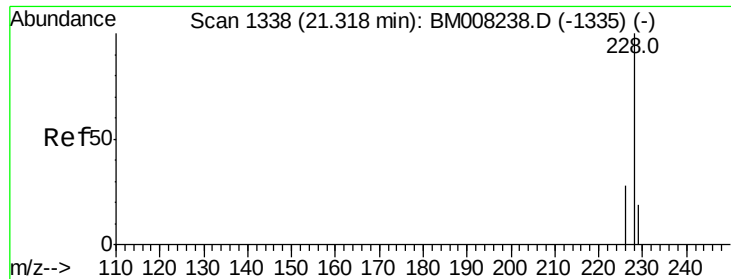
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#18
Benzo(a)anthracene
Concen: 0.25 ng/ul m
RT: 21.25 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008240.D
Acq: 10 Dec 2016 19:53

Tgt Ion:	228	Resp:	1655
Ion Ratio	Lower	Upper	
228	100		
226	50.4	22.8	34.2#
229	63.7	17.0	25.6#





#19

Chrysene

Concen: 0.24 ng/ul m

RT: 21.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM008240.D

Acq: 10 Dec 2016 19:53

Instrument :

BNA_M

ClientSampleId :

DA804

Tot Ion: 228 Resp: 1986

Ion Ratio Lower Upper

228 100

226 50.7 23.4 35.0#

229 59.7 17.7 26.5#

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