

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122316\
 Data File : BM008604.D
 Acq On : 23 Dec 2016 20:20
 Operator : UM/SJ
 Sample : H6069-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J1

Quant Time: Dec 23 23:42:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 23:37:39 2016
 Response via : Initial Calibration

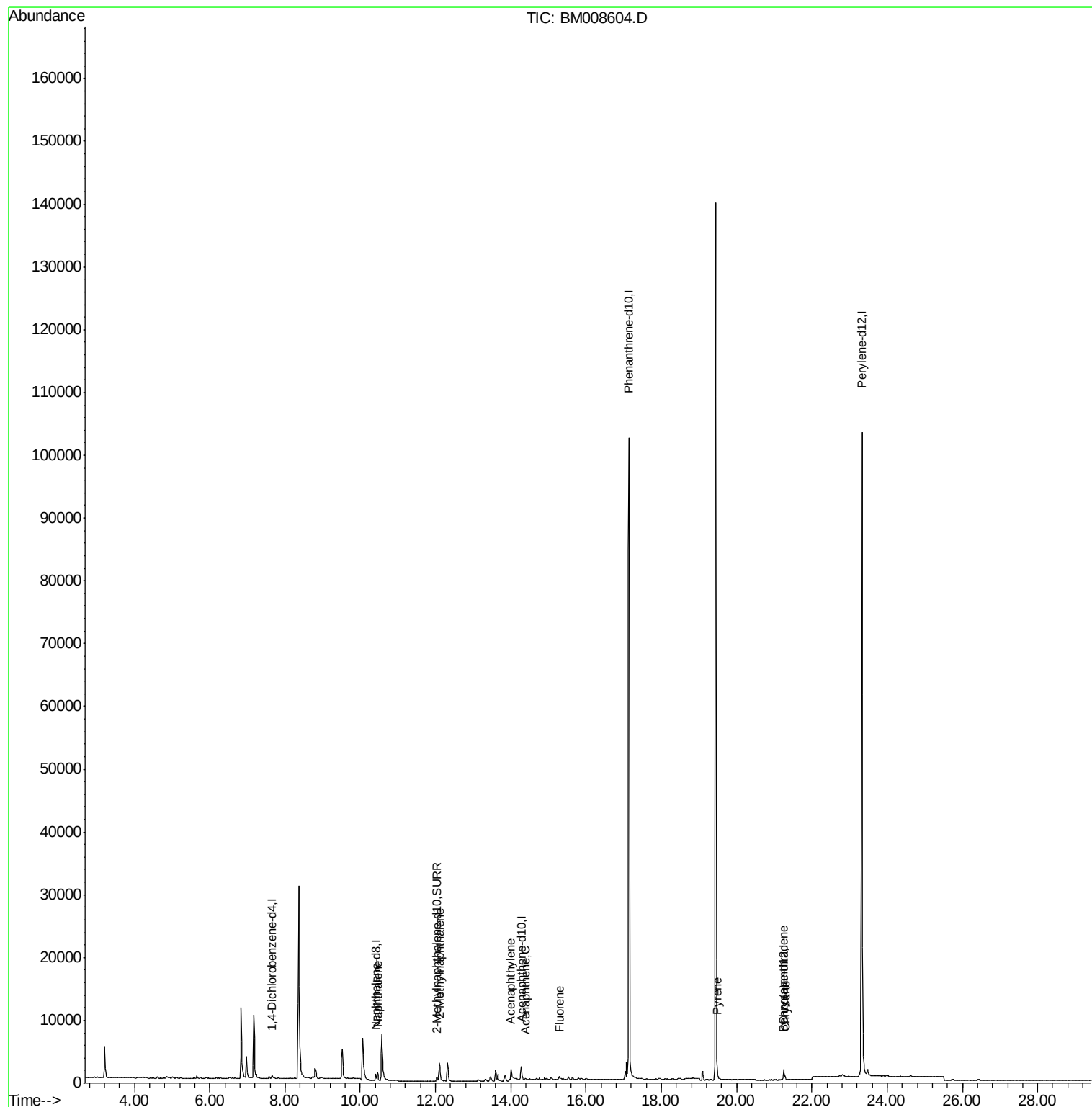
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	446	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1503	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	996	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	177111	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1562	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	122349	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	987	0.43	ng/ul	-0.07
14) Fluoranthene-d10	19.09	212	1975	0.00	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	2101	0.50	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	2847	1.00	ng/ul	98
7) Acenaphthylene	14.01	152	97	0.02	ng/ul#	1
8) Acenaphthene	14.38	153	97	0.03	ng/ul#	59
9) Fluorene	15.29	166	444	0.11	ng/ul#	32
17) Pyrene	19.48	202	1213	0.20	ng/ul#	83
18) Benzo(a)anthracene	21.23	228	478	0.09	ng/ul#	52
19) Chrysene	21.29	228	629	0.11	ng/ul#	66

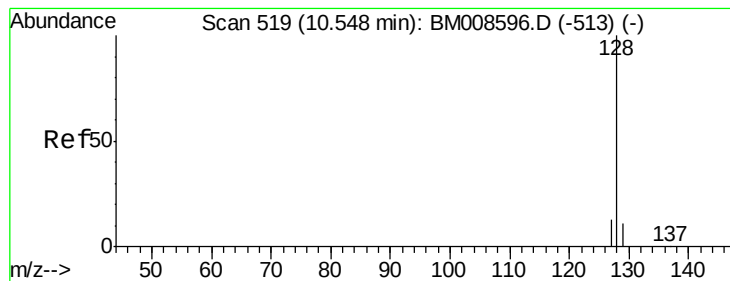
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.50 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

Instrument :

BNA_M

ClientSampleId :

DA7J1

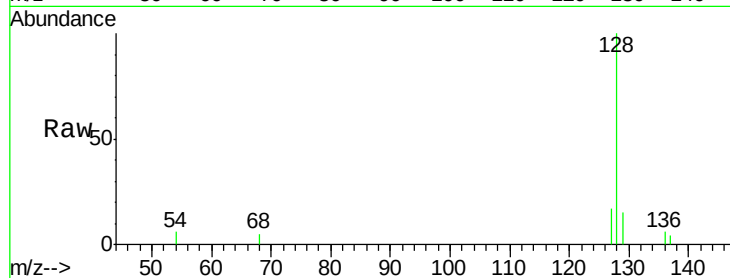
Tgt Ion:128 Resp: 2101

Ion Ratio Lower Upper

128 100

129 14.9 11.3 16.9

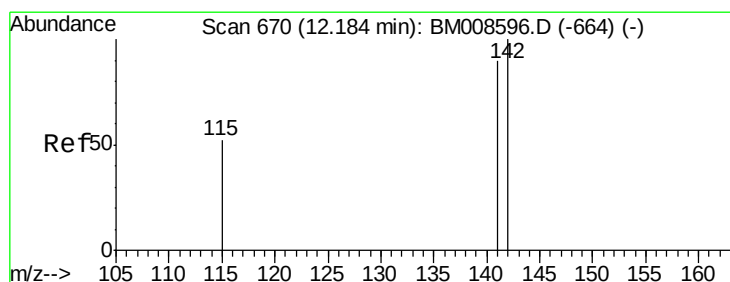
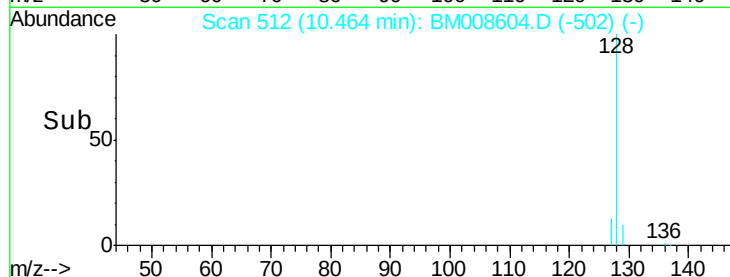
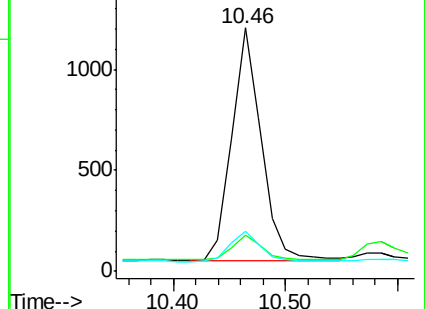
127 16.7 12.8 19.2



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: 1.00 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008604.D

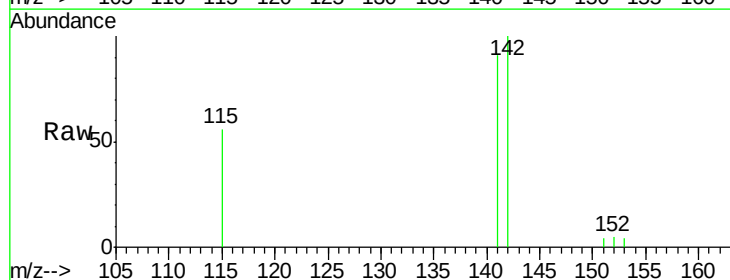
Acq: 23 Dec 2016 20:20

Tgt Ion:142 Resp: 2847

Ion Ratio Lower Upper

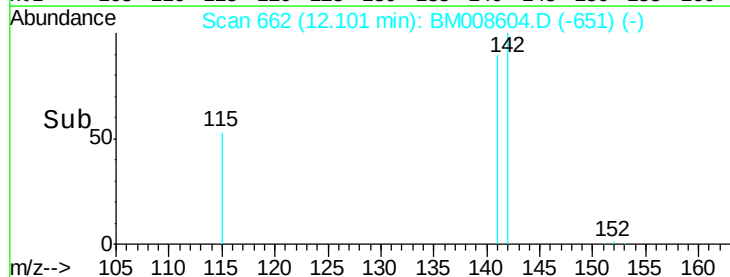
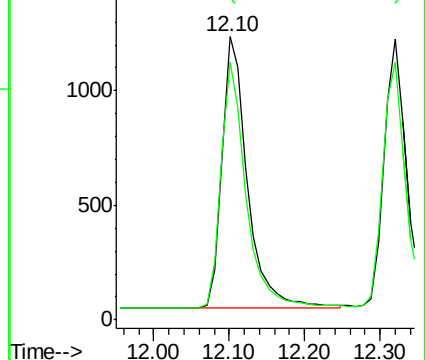
142 100

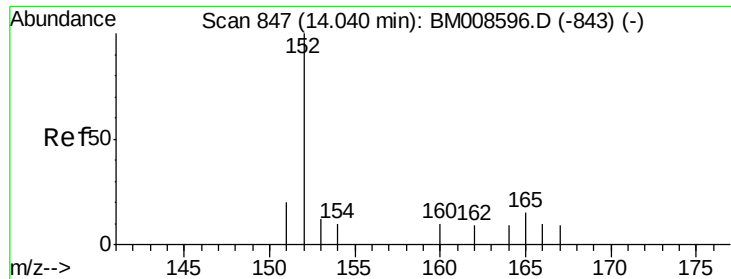
141 89.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

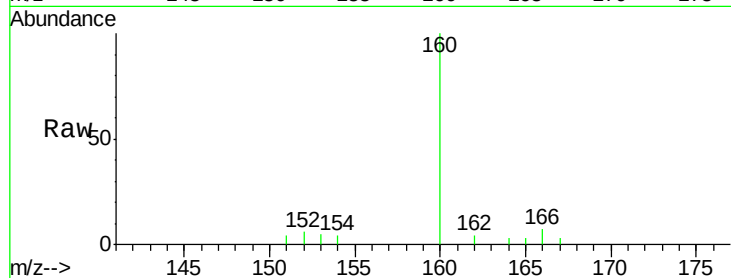
Instrument :

BNA_M

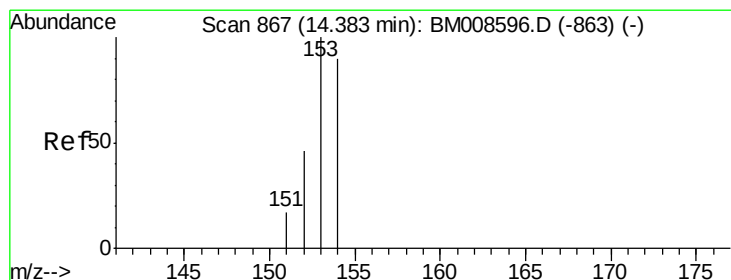
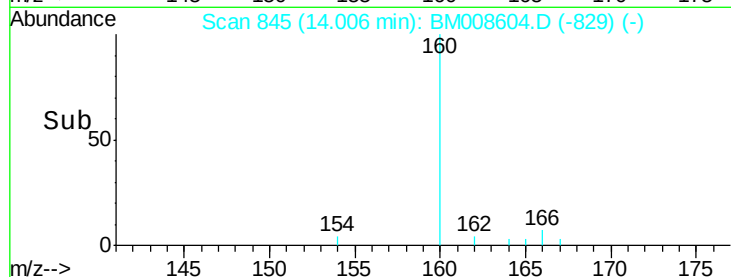
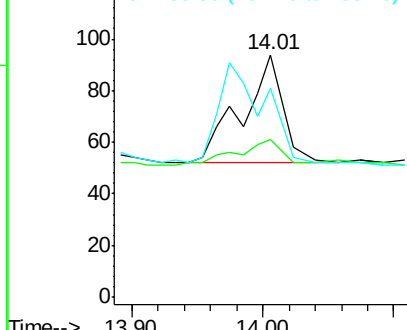
ClientSampleId :

DA7J1

Tgt Ion:	152	Resp:	97
Ion	Ratio	Lower	Upper
152	100		
151	64.9	17.1	25.7#
153	86.2	12.8	19.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.03 ng/ul

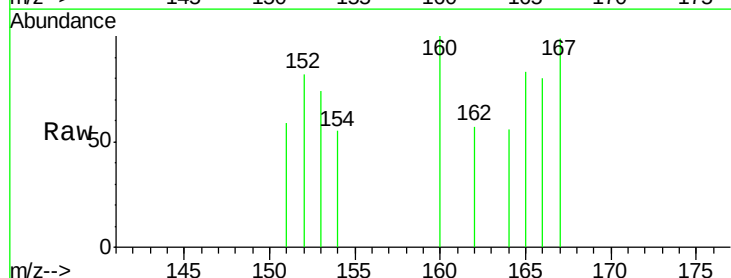
RT: 14.38 min Scan# 867

Delta R.T. 0.00 min

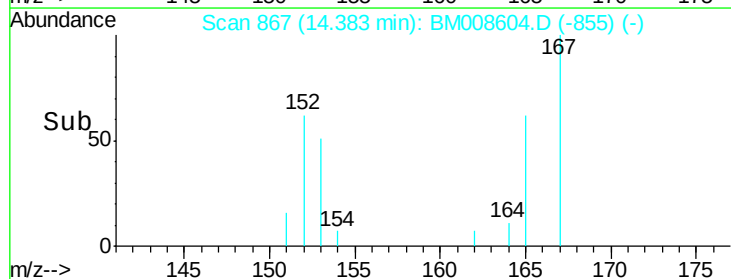
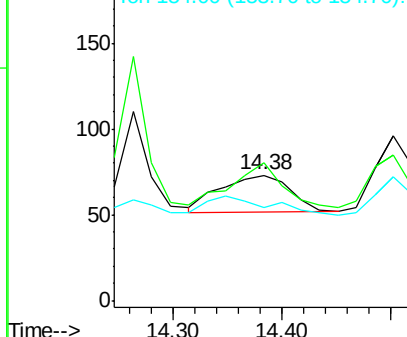
Lab File: BM008604.D

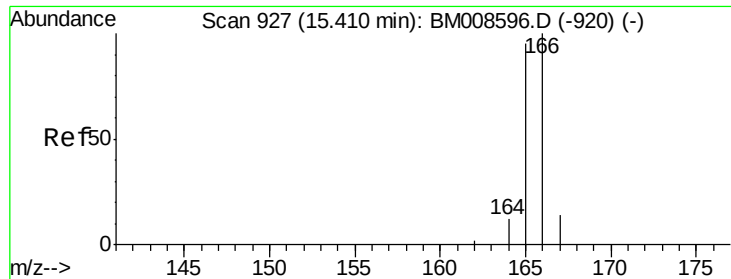
Acq: 23 Dec 2016 20:20

Tgt Ion:	153	Resp:	97
Ion	Ratio	Lower	Upper
153	100		
152	109.6	40.3	60.5#
154	74.0	71.4	107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.11 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

Instrument :

BNA_M

ClientSampleId :

DA7J1

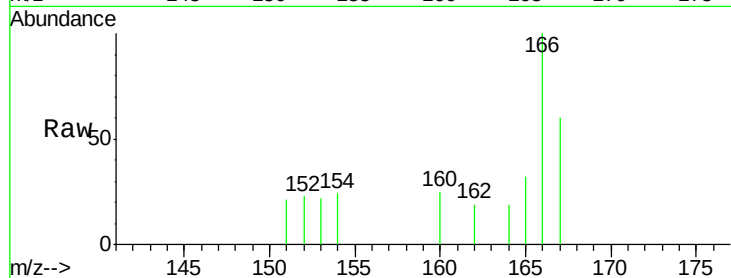
Tgt Ion:166 Resp: 444

Ion Ratio Lower Upper

166 100

165 31.8 73.4 110.2#

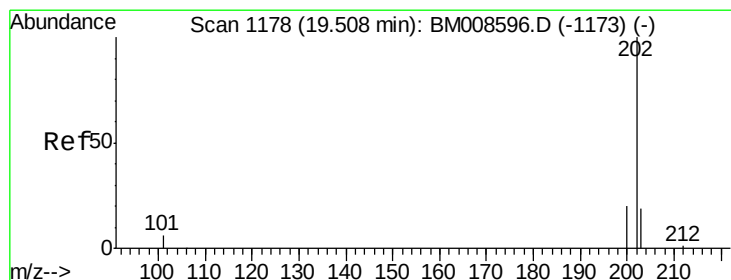
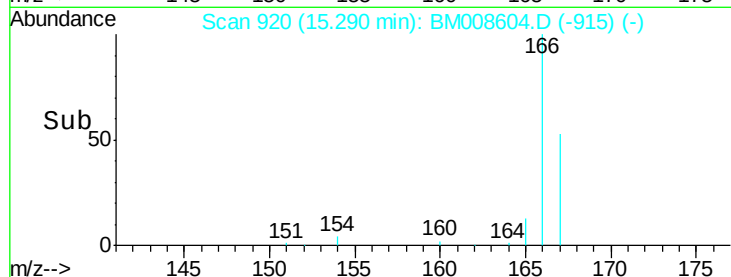
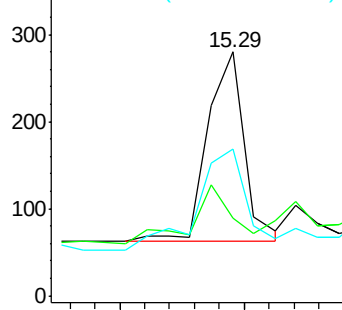
167 60.0 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 0.20 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.03 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

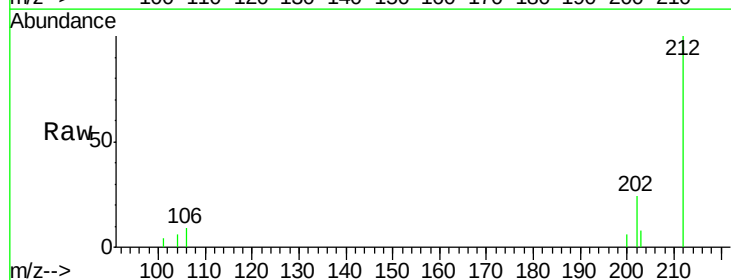
Tgt Ion:202 Resp: 1213

Ion Ratio Lower Upper

202 100

200 26.8 18.2 27.4

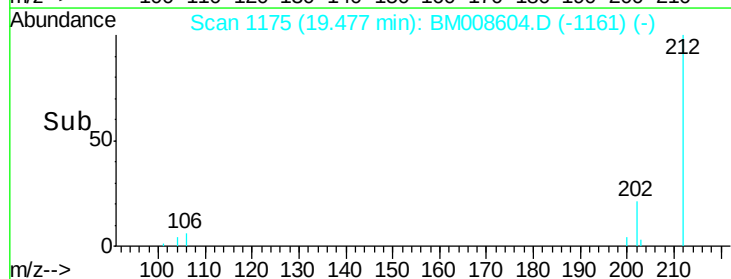
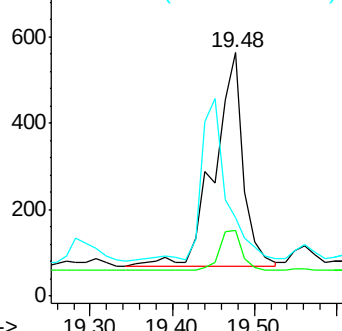
203 32.0 15.6 23.4#

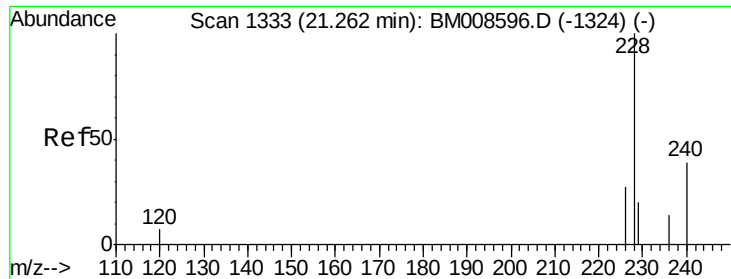


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.09 ng/ul

RT: 21.23 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

Instrument :

BNA_M

ClientSampleId :

DA7J1

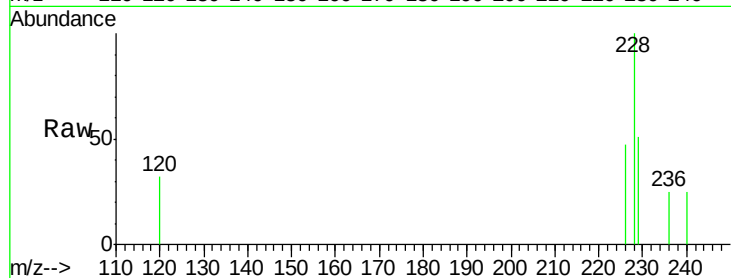
Tgt Ion:228 Resp: 478

Ion Ratio Lower Upper

228 100

226 47.5 22.8 34.2#

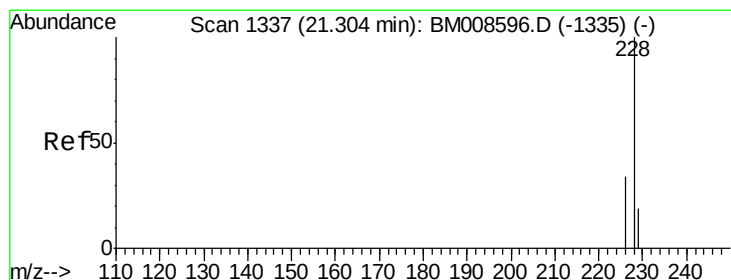
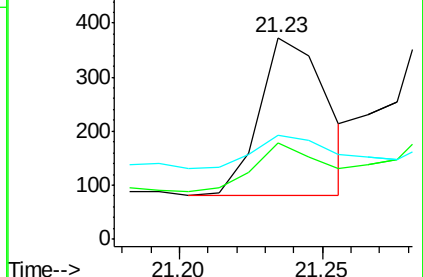
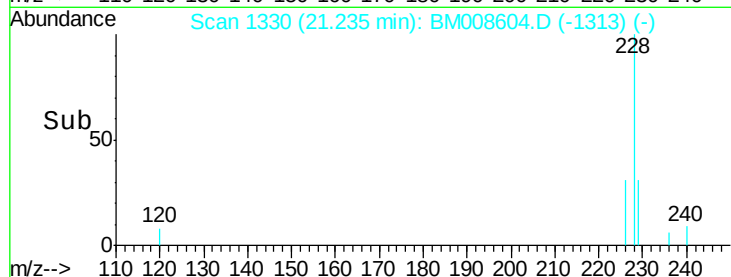
229 51.5 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.11 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BM008604.D

Acq: 23 Dec 2016 20:20

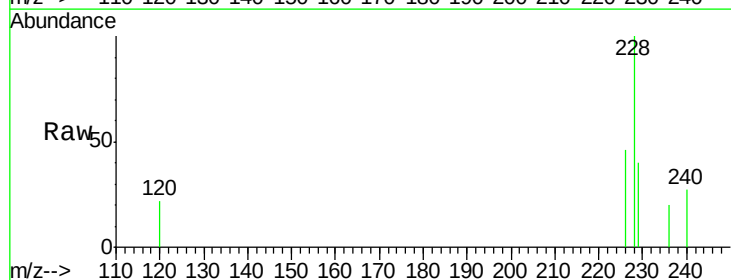
Tgt Ion:228 Resp: 629

Ion Ratio Lower Upper

228 100

226 45.9 23.4 35.0#

229 39.7 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

