

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008071.D
 Acq On : 24 Nov 2016 13:18
 Operator : UM/SJ
 Sample : H5701-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WC8

Quant Time: Nov 25 01:29:44 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 01:27:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	718	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	2524	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1571	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	179956	0.40	ng/ul	0.09
16) Chrysene-d12	21.29	240	3047	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	160229	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	982	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	2323	0.00	ng/ul	0.00

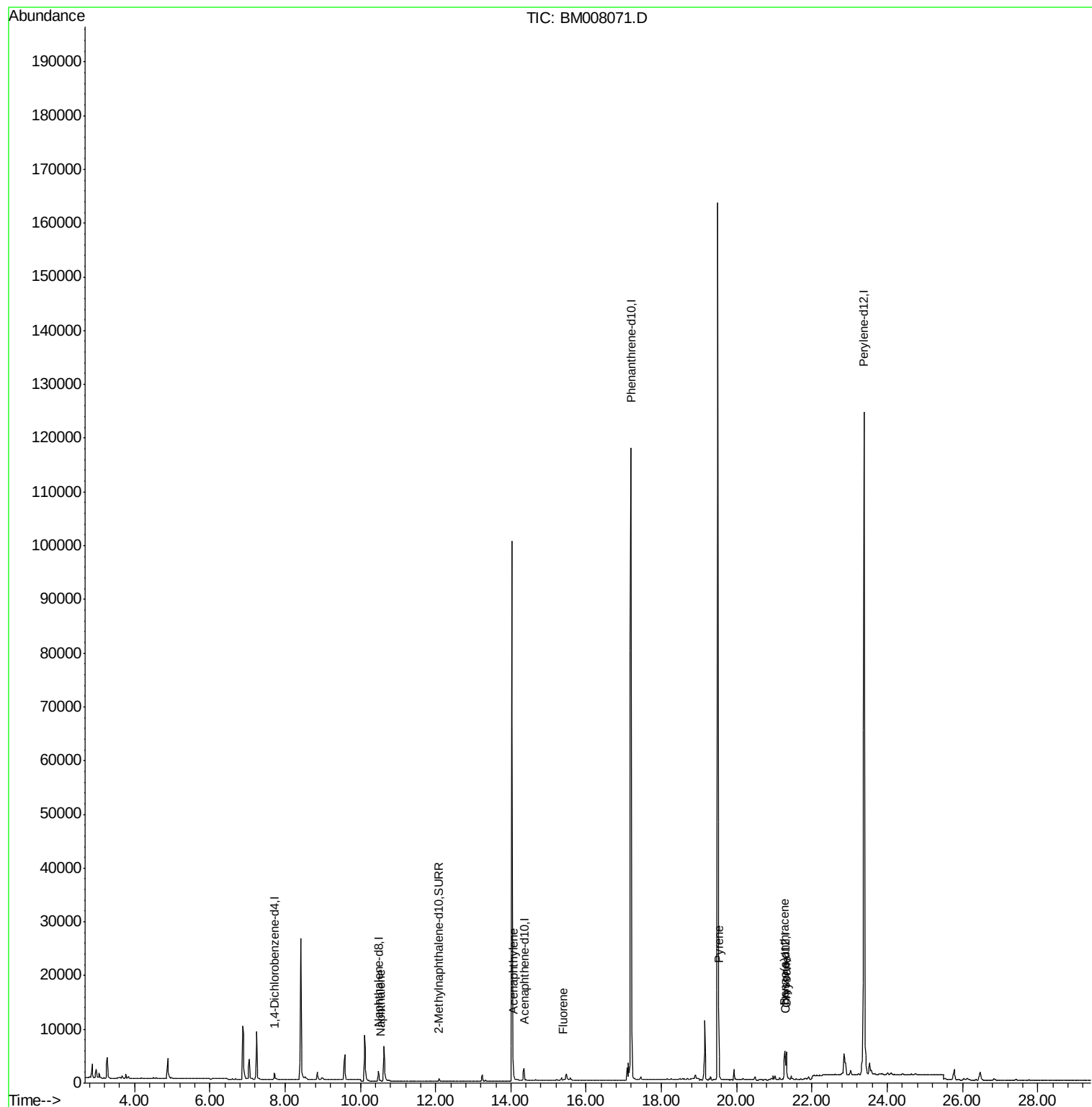
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	159	0.02	ng/ul#	34
7) Acenaphthylene	14.06	152	863	0.12	ng/ul#	88
9) Fluorene	15.39	166	185	0.03	ng/ul#	75
17) Pyrene	19.52	202	10568	1.00	ng/ul	97
18) Benzo(a)anthracene	21.27	228	4939	0.53	ng/ul#	93
19) Chrysene	21.32	228	5327	0.46	ng/ul	96

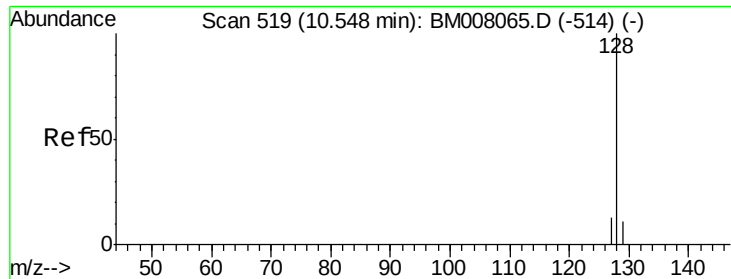
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.54 min Scan# 519

Delta R.T. -0.01 min

Lab File: BM008071.D

Acq: 24 Nov 2016 13:18

Instrument :

BNA_M

ClientSampleId :

A4WC8

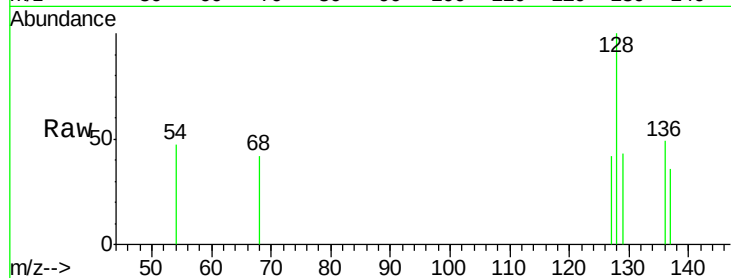
Tgt Ion:128 Resp: 159

Ion Ratio Lower Upper

128 100

129 43.1 11.3 16.9#

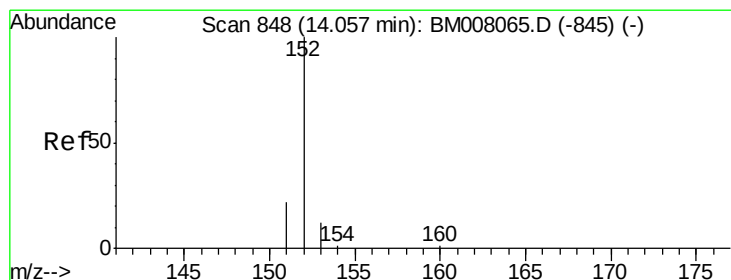
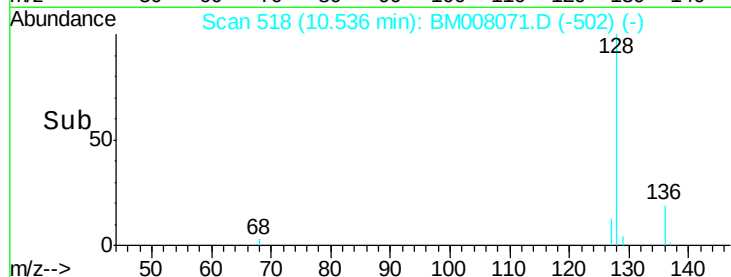
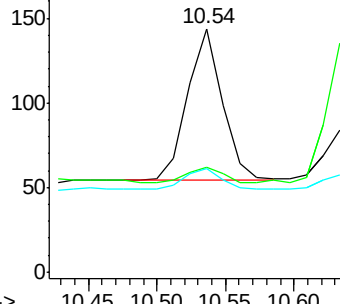
127 42.4 12.8 19.2#



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



#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: BM008071.D

Acq: 24 Nov 2016 13:18

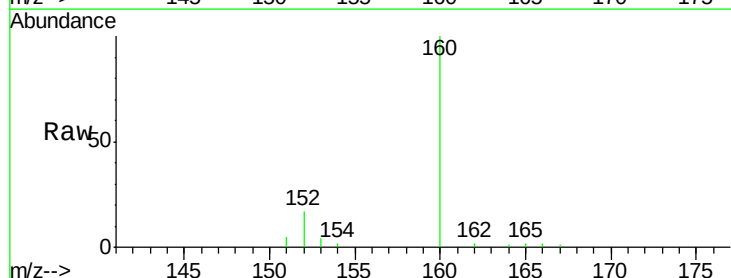
Tgt Ion:152 Resp: 863

Ion Ratio Lower Upper

152 100

151 26.9 17.1 25.7#

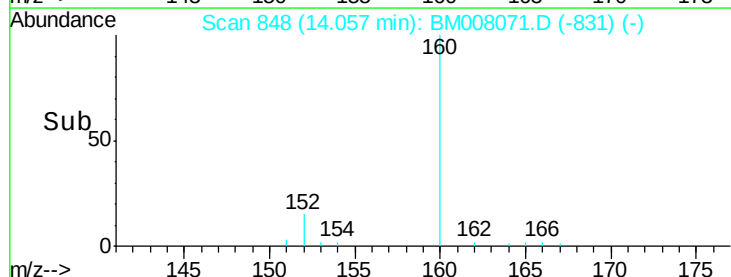
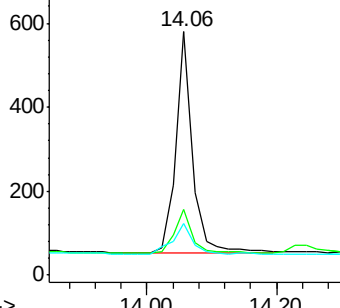
153 21.0 12.8 19.2#

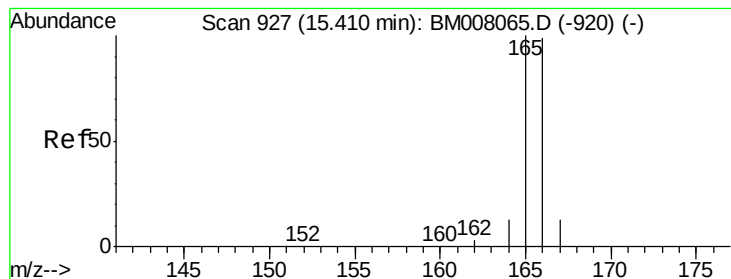


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. -0.02 min

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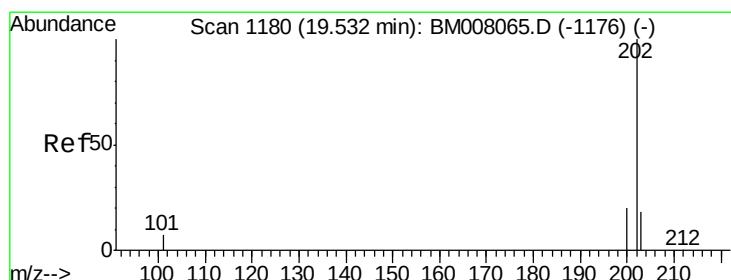
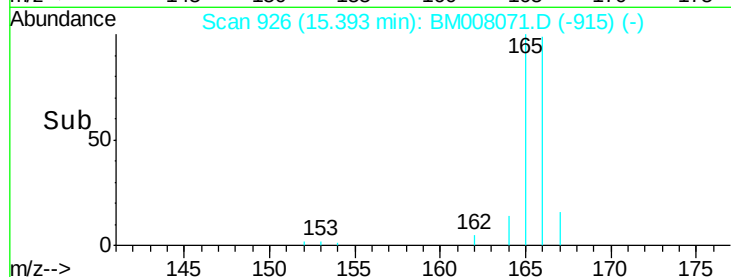
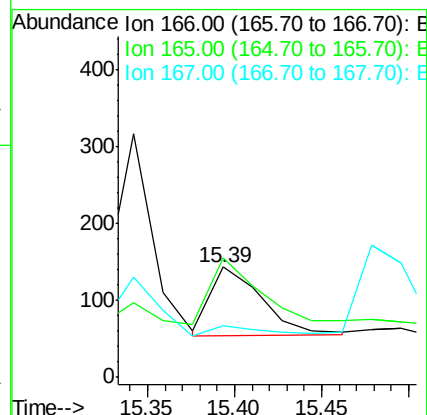
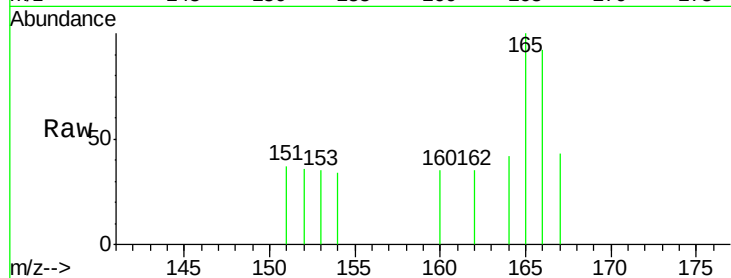
Tgt Ion:166 Resp: 185

Ion Ratio Lower Upper

166 100

165 108.4 73.4 110.2

167 46.2 14.6 22.0#



#17

Pyrene

Concen: 1.00 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008071.D

Acq: 24 Nov 2016 13:18

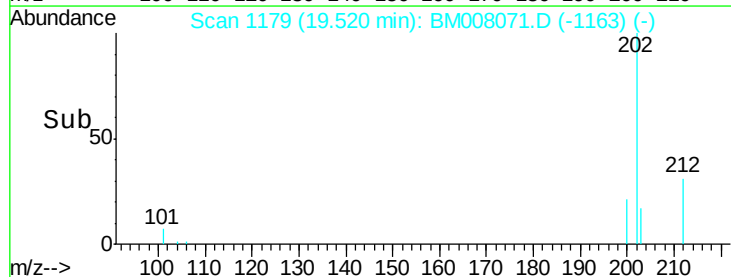
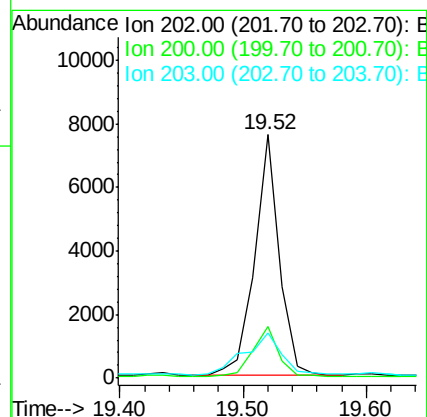
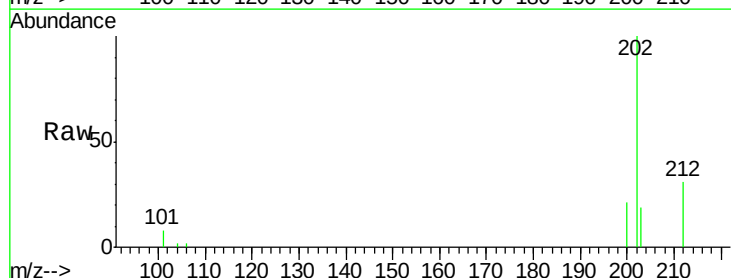
Tgt Ion:202 Resp: 10568

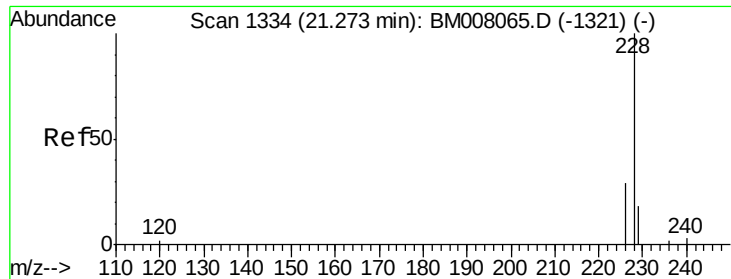
Ion Ratio Lower Upper

202 100

200 21.3 18.2 27.4

203 18.5 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.53 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM008071.D

Acq: 24 Nov 2016 13:18

Instrument :

BNA_M

ClientSampleId :

A4WC8

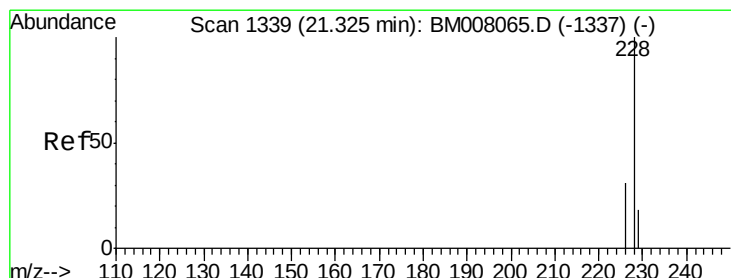
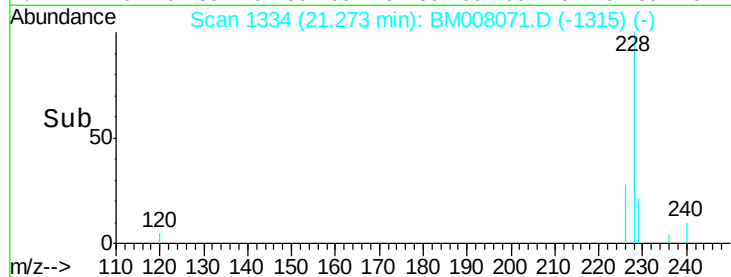
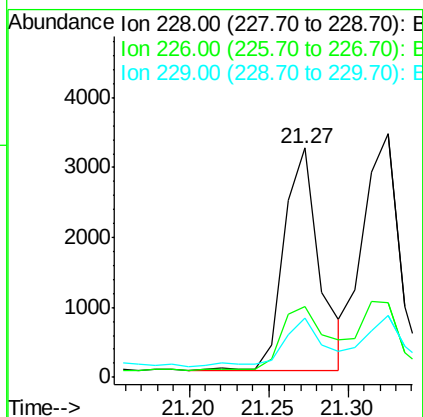
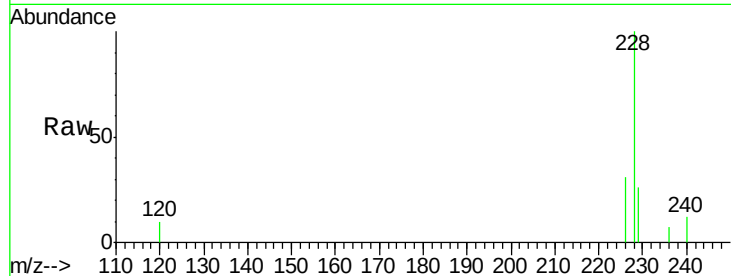
Tgt Ion:228 Resp: 4939

Ion Ratio Lower Upper

228 100

226 31.0 22.8 34.2

229 25.8 17.0 25.6#



#19

Chrysene

Concen: 0.46 ng/ul

RT: 21.32 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BM008071.D

Acq: 24 Nov 2016 13:18

Tgt Ion:228 Resp: 5327

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

229 25.6 17.7 26.5

