

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008529.D
 Acq On : 21 Dec 2016 22:24
 Operator : UM/SJ
 Sample : H5995-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA867

Quant Time: Dec 22 00:29:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	440	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.43	136	1534	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.28	164	968	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.14	188	116464	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1641	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	75669	0.40	ng/ul	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	674	0.29	ng/ul	-0.08
14) Fluoranthene-d10	19.08	212	1181	0.00	ng/ul	-0.04

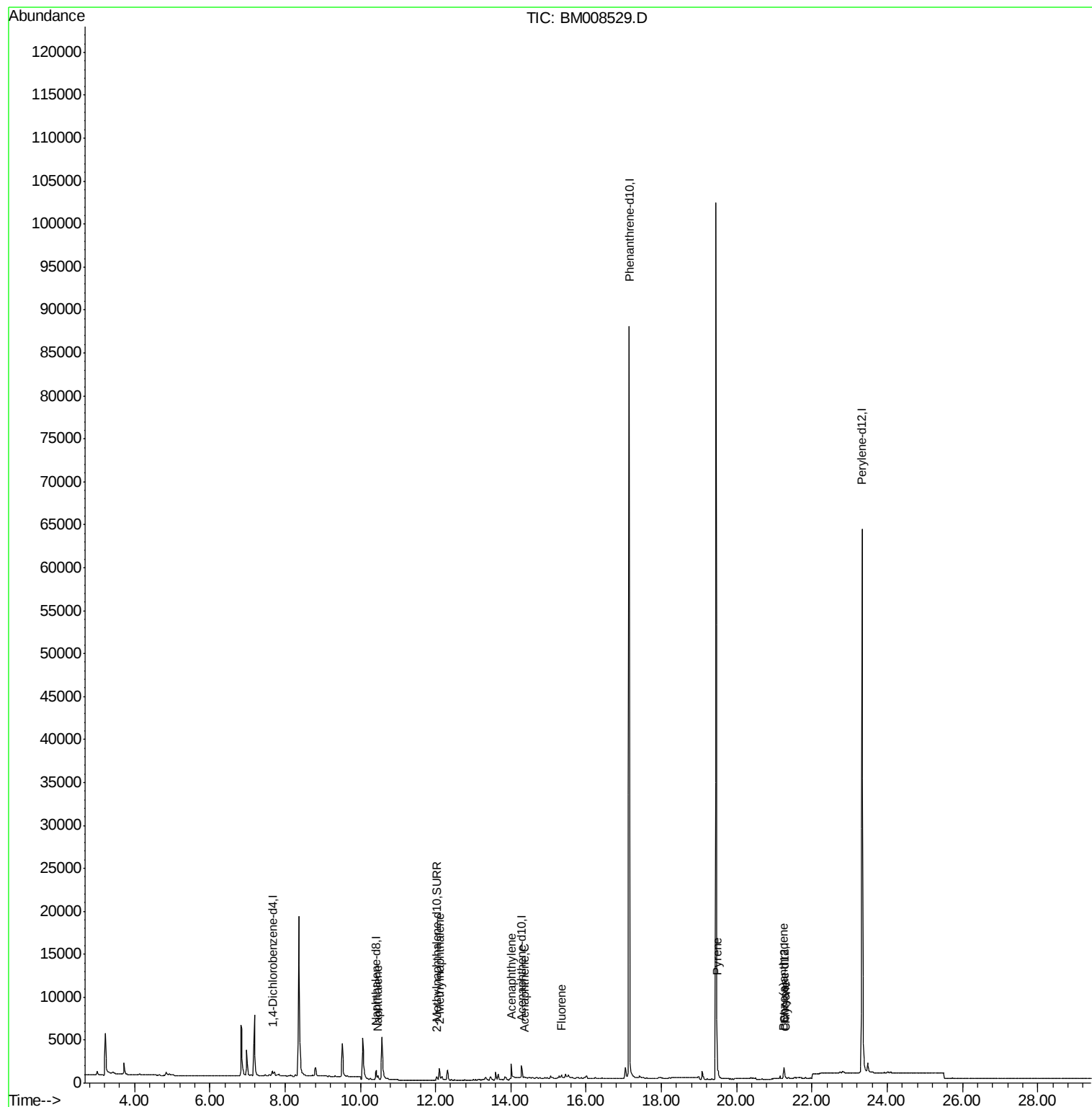
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	710	0.16	ng/ul#	79
5) 2-Methylnaphthalene	12.10	142	1267	0.44	ng/ul	89
7) Acenaphthylene	14.01	152	89	0.02	ng/ul#	1
8) Acenaphthene	14.35	153	123	0.04	ng/ul#	83
9) Fluorene	15.34	166	240	0.06	ng/ul#	71
17) Pyrene	19.47	202	543	0.09	ng/ul#	50
18) Benzo(a)anthracene	21.24	228	166	0.03	ng/ul#	28
19) Chrysene	21.29	228	206	0.03	ng/ul#	29

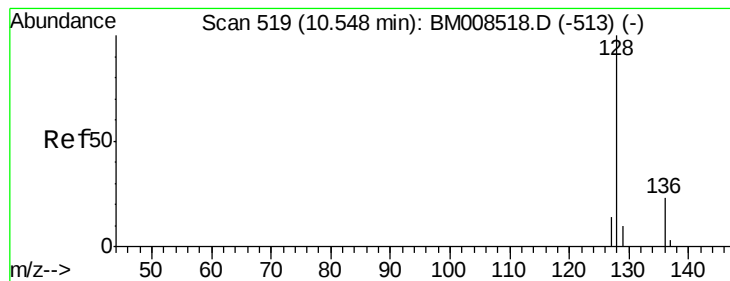
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.16 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

Instrument :

BNA_M

ClientSampleId :

DA867

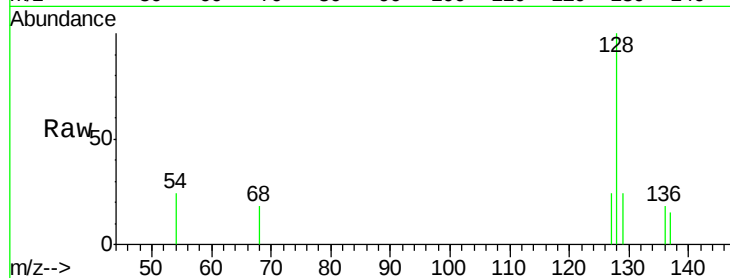
Tgt Ion:128 Resp: 710

Ion Ratio Lower Upper

128 100

129 24.2 11.3 16.9#

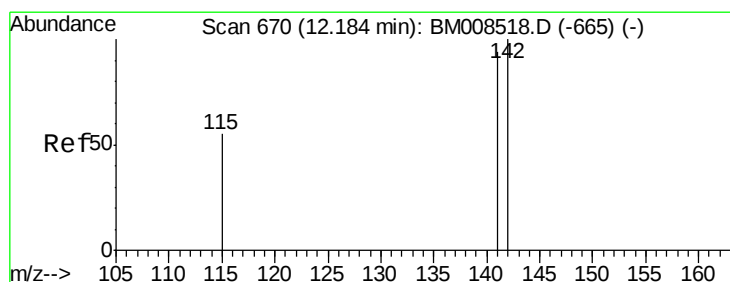
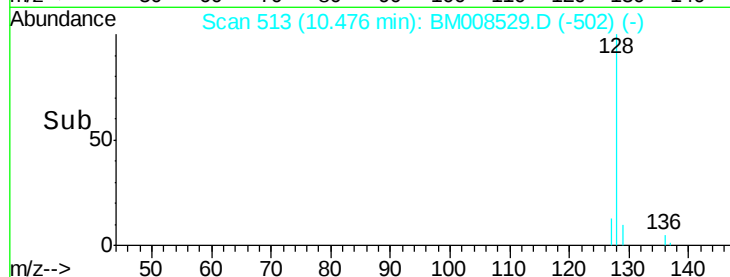
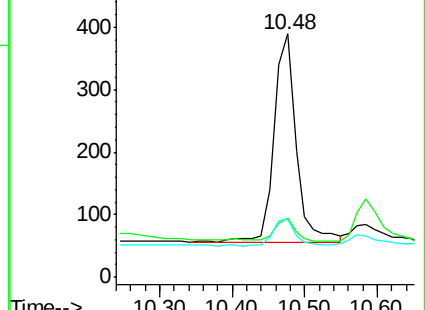
127 23.9 12.8 19.2#



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: 0.44 ng/ul

RT: 12.10 min Scan# 662

Delta R.T. -0.08 min

Lab File: BM008529.D

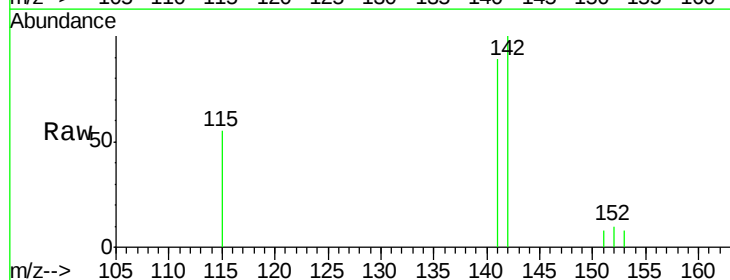
Acq: 21 Dec 2016 22:24

Tgt Ion:142 Resp: 1267

Ion Ratio Lower Upper

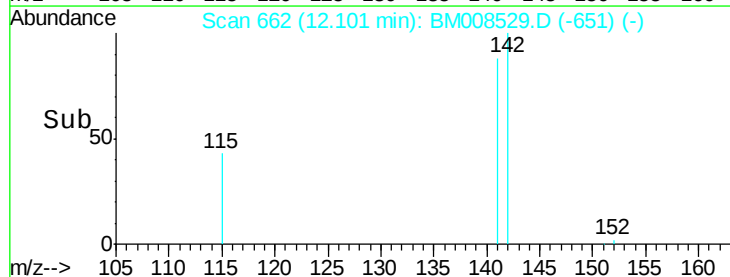
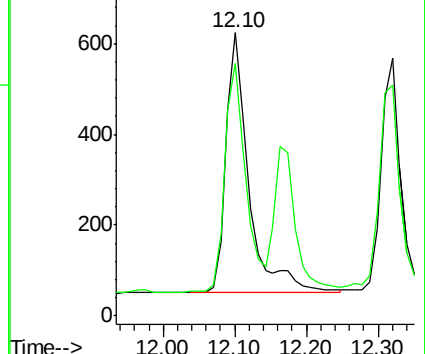
142 100

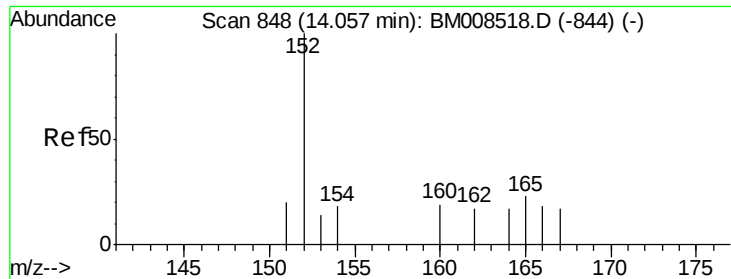
141 80.7 72.6 108.8



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. -0.05 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

Instrument :

BNA_M

ClientSampleId :

DA867

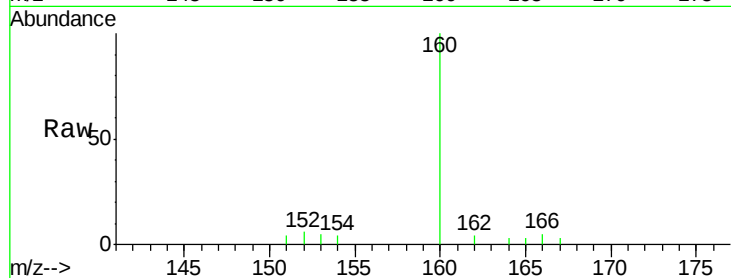
Tgt Ion:152 Resp: 89

Ion Ratio Lower Upper

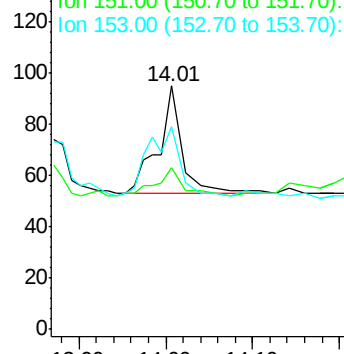
152 100

151 66.3 17.1 25.7#

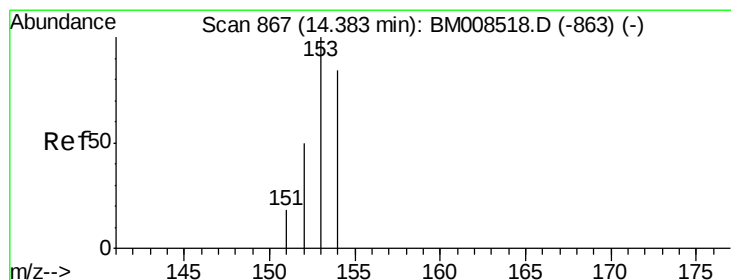
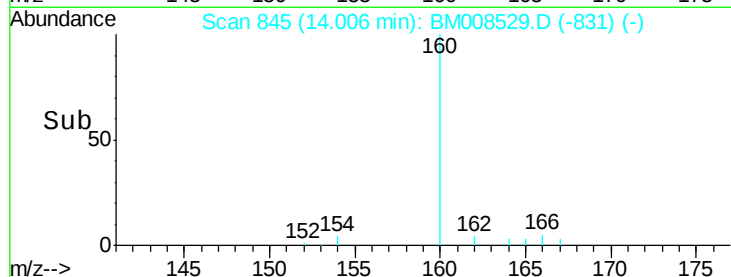
153 83.2 12.8 19.2#



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



Time-->



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

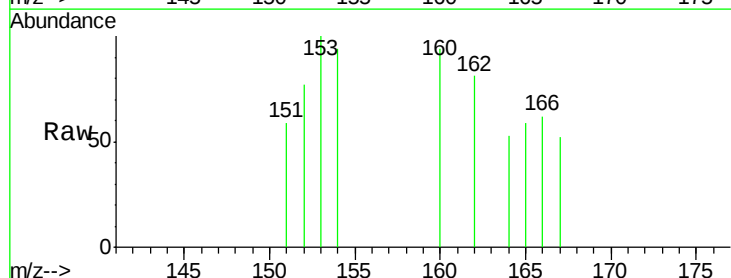
Tgt Ion:153 Resp: 123

Ion Ratio Lower Upper

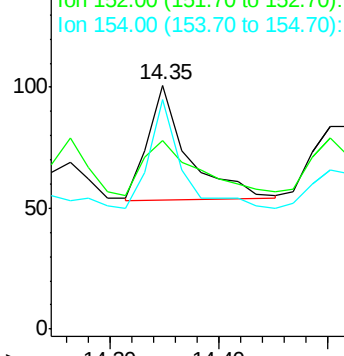
153 100

152 77.2 40.3 60.5#

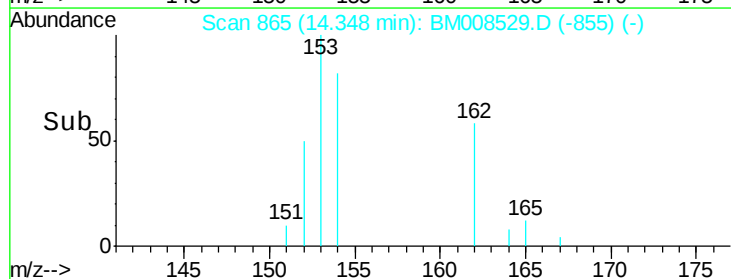
154 94.1 71.4 107.2

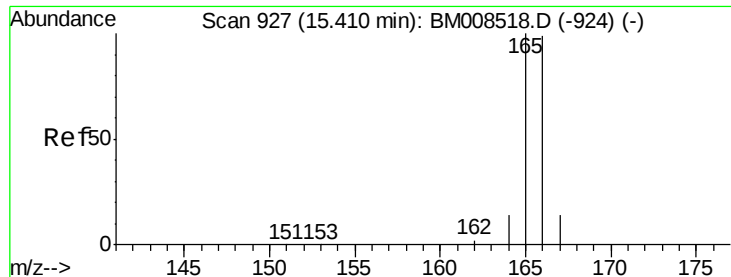


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

Instrument :

BNA_M

ClientSampleId :

DA867

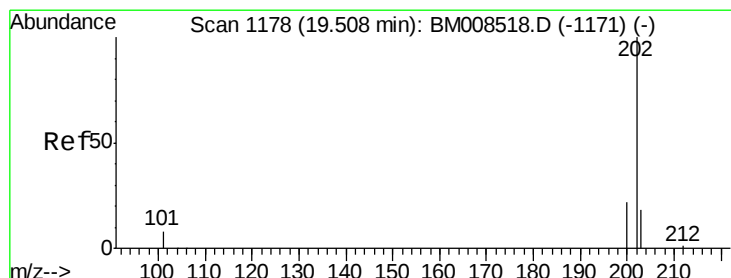
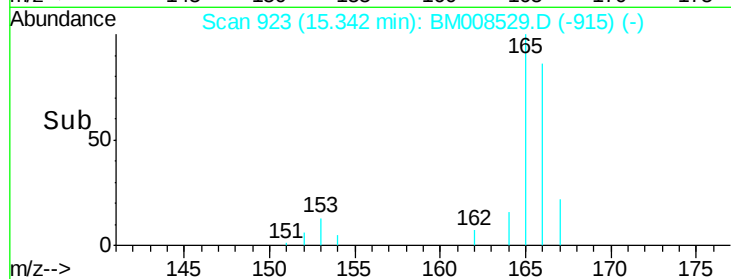
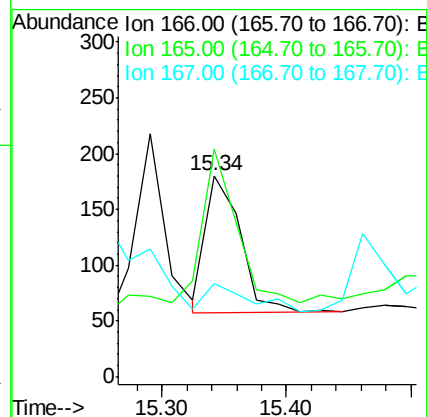
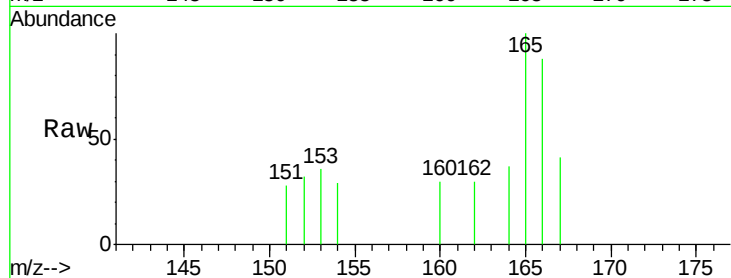
Tgt Ion:166 Resp: 240

Ion Ratio Lower Upper

166 100

165 113.3 73.4 110.2#

167 46.7 14.6 22.0#



#17

Pyrene

Concen: 0.09 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

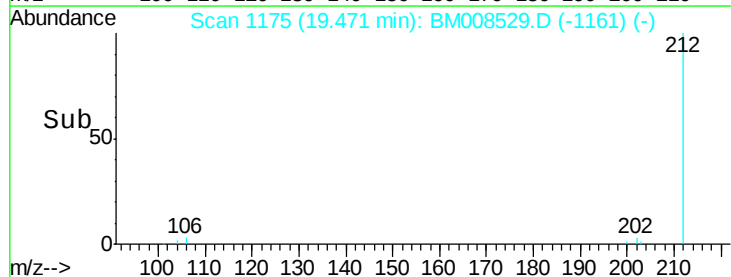
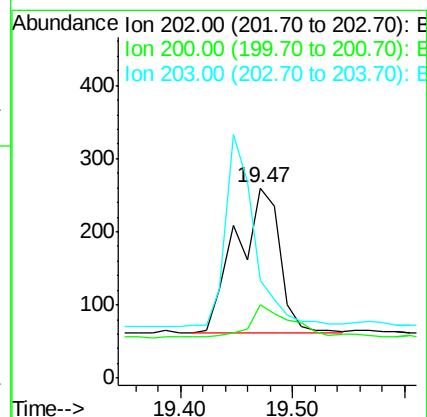
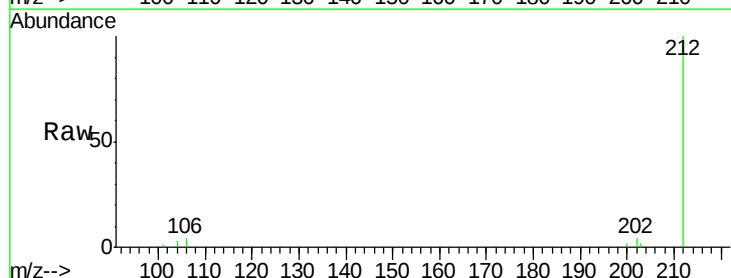
Tgt Ion:202 Resp: 543

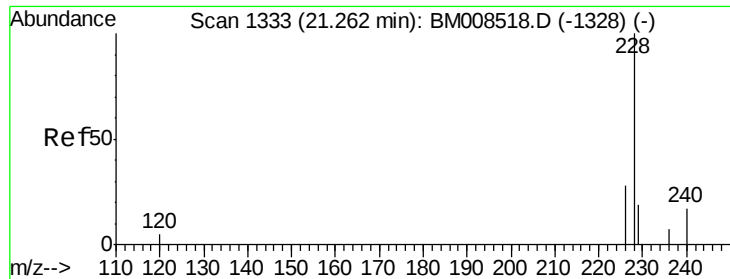
Ion Ratio Lower Upper

202 100

200 38.8 18.2 27.4#

203 51.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

Instrument :

BNA_M

ClientSampleId :

DA867

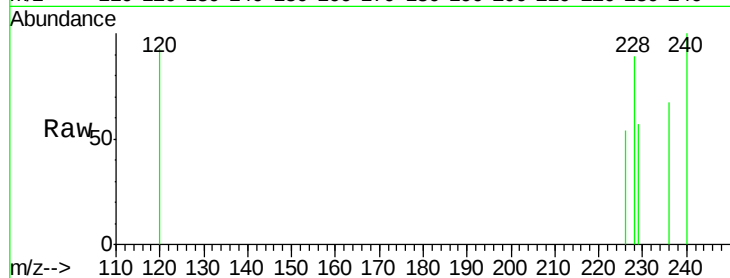
Tgt Ion:228 Resp: 166

Ion Ratio Lower Upper

228 100

226 60.1 22.8 34.2#

229 63.5 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

250

200

150

100

50

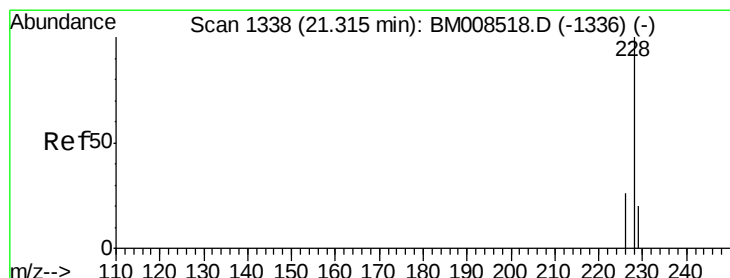
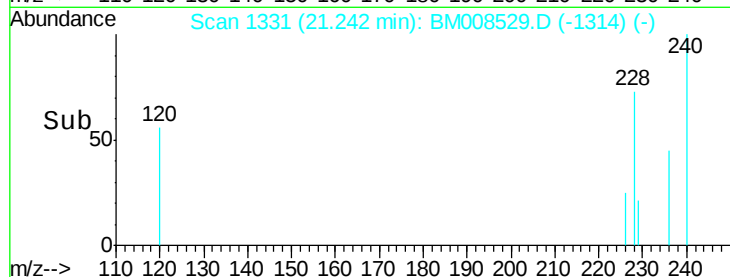
0

21.20

21.24

21.25

Time-->



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008529.D

Acq: 21 Dec 2016 22:24

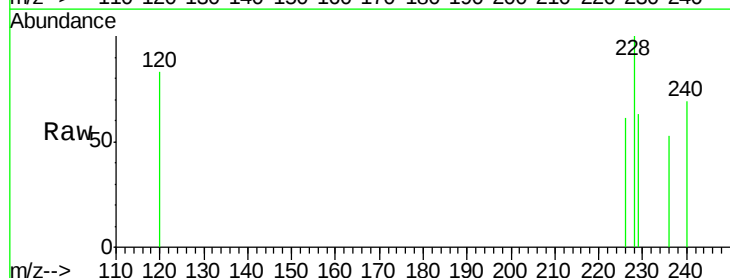
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 60.7 23.4 35.0#

229 63.4 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

250

200

150

100

50

0

21.20

21.29

21.40

Time-->

