

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008449.D
 Acq On : 19 Dec 2016 19:49
 Operator : UM/SJ
 Sample : H5938-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA839

Quant Time: Dec 20 03:44:03 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 03:40:00 2016
 Response via : Initial Calibration

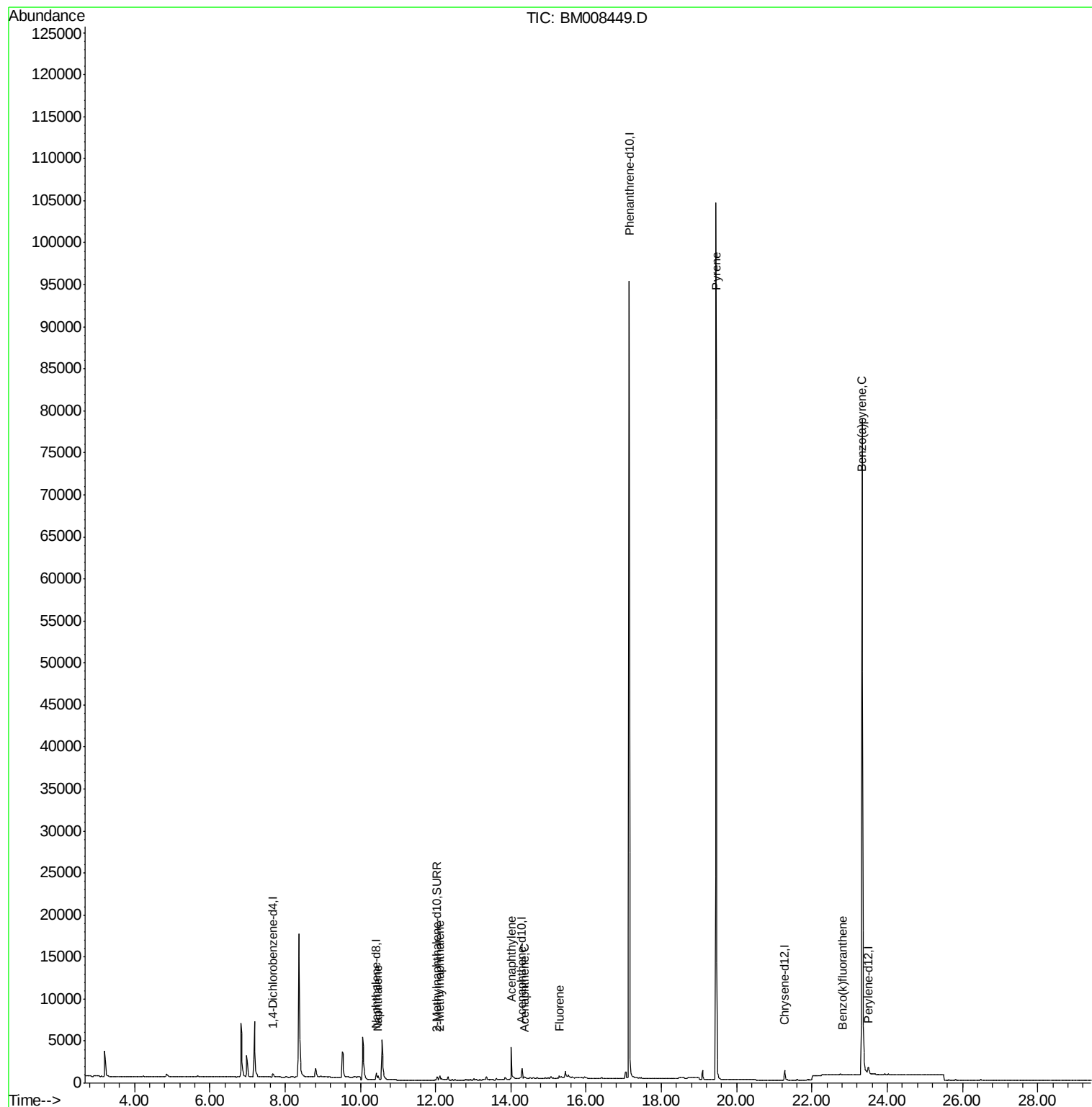
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	335	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1161	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	755	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	123600	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1546	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1732	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	623	0.35	ng/ul	-0.06
14) Fluoranthene-d10	19.10	212	1528	0.00	ng/ul	-0.02
Target Compounds					Qvalue	
3) Naphthalene	10.48	128	736	0.23	ng/ul#	80
5) 2-Methylnaphthalene	12.11	142	488	0.22	ng/ul	96
7) Acenaphthylene	14.01	152	69	0.02	ng/ul#	1
8) Acenaphthene	14.35	153	155	0.06	ng/ul#	85
9) Fluorene	15.29	166	339	0.12	ng/ul#	38
17) Pyrene	19.45	202	321	0.05	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	141	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	555	0.09	ng/ul#	32

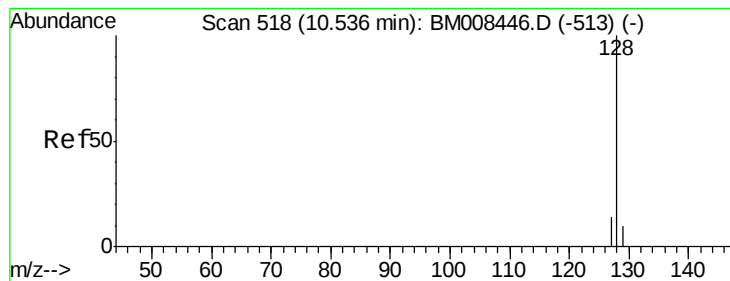
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.23 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

Instrument :

BNA_M

ClientSampleId :

DA839

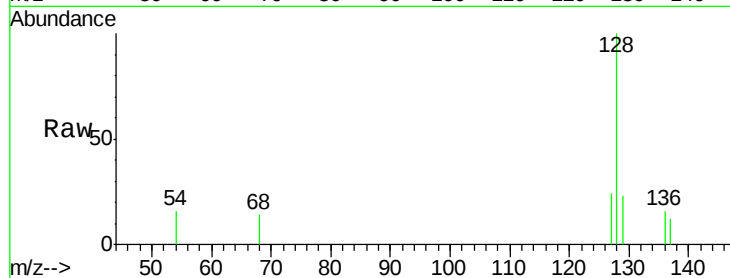
Tgt Ion:128 Resp: 736

Ion Ratio Lower Upper

128 100

129 22.7 11.3 16.9#

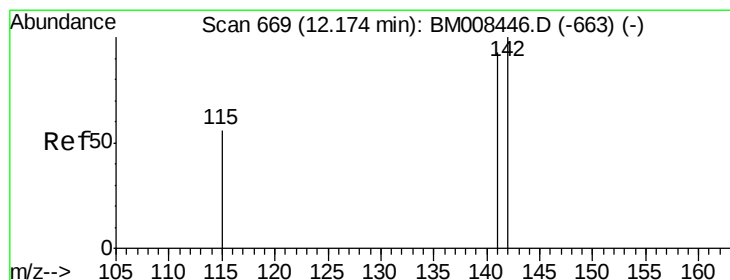
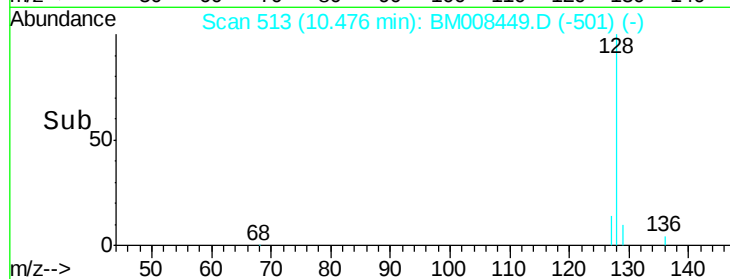
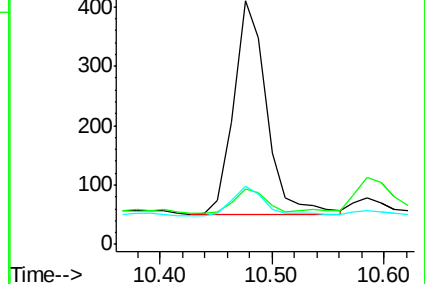
127 23.9 12.8 19.2#



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: 0.22 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.06 min

Lab File: BM008449.D

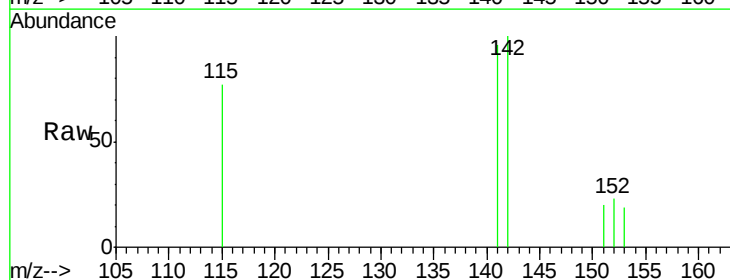
Acq: 19 Dec 2016 19:49

Tgt Ion:142 Resp: 488

Ion Ratio Lower Upper

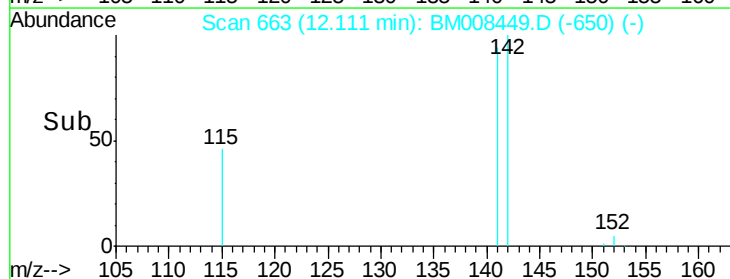
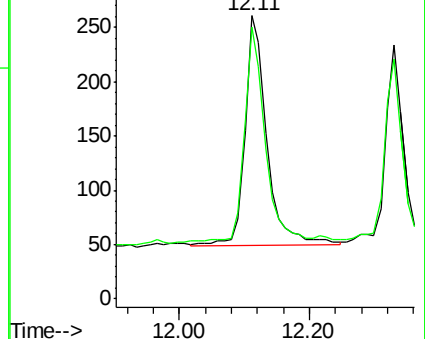
142 100

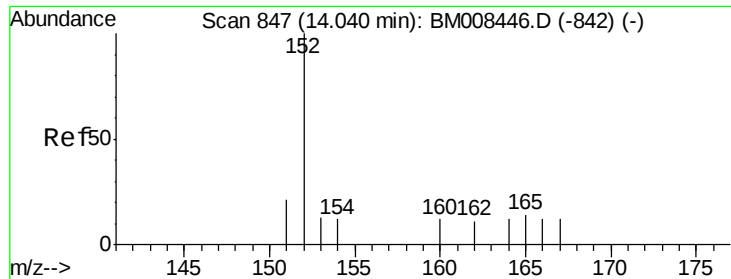
141 94.7 72.6 108.8



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. -0.03 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

Instrument :

BNA_M

ClientSampled :

DA839

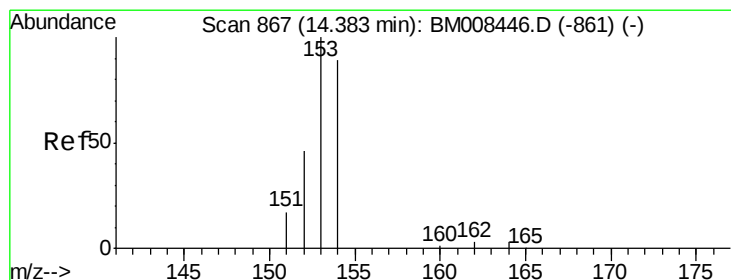
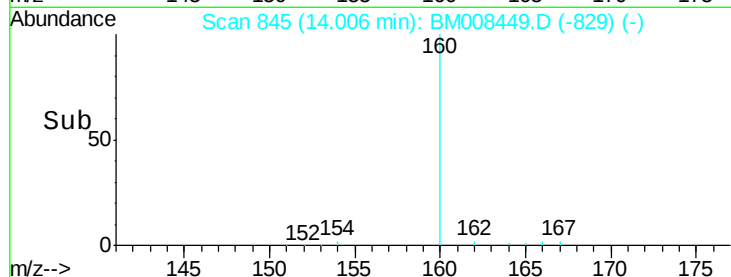
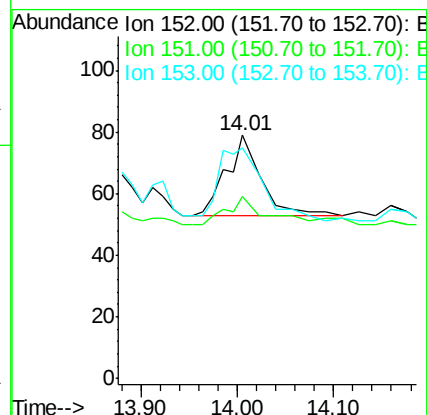
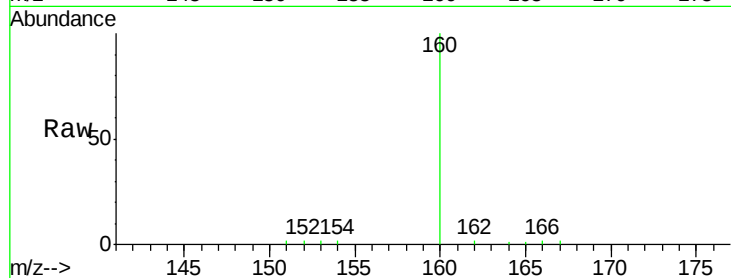
Tgt Ion:152 Resp: 69

Ion Ratio Lower Upper

152 100

151 74.7 17.1 25.7#

153 94.9 12.8 19.2#



#8

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

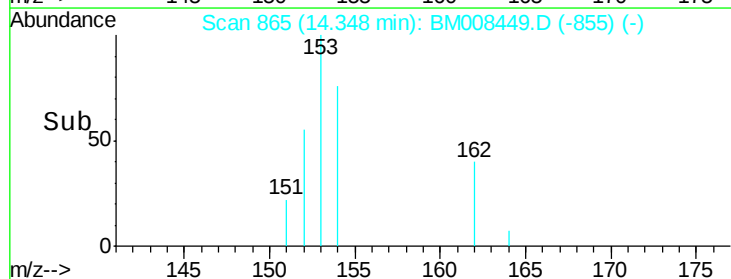
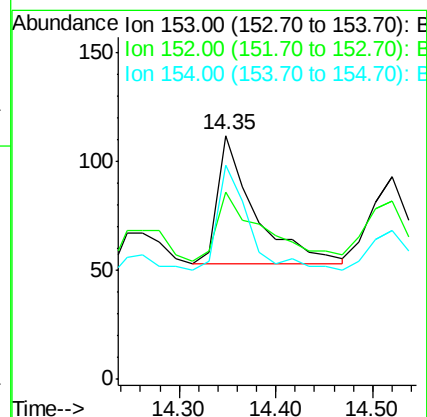
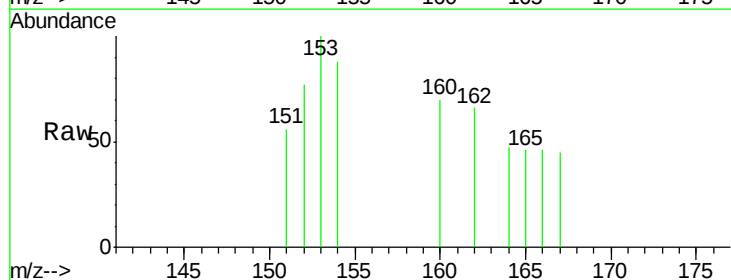
Tgt Ion:153 Resp: 155

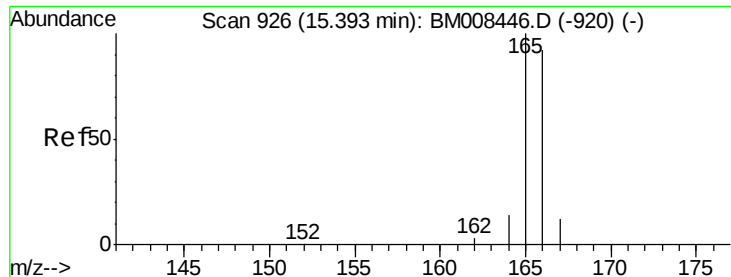
Ion Ratio Lower Upper

153 100

152 76.8 40.3 60.5#

154 87.5 71.4 107.2





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.10 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

Instrument :

BNA_M

ClientSampleId :

DA839

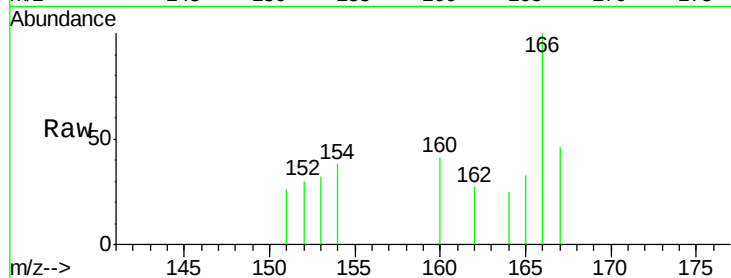
Tgt Ion:166 Resp: 339

Ion Ratio Lower Upper

166 100

165 32.5 73.4 110.2#

167 45.9 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

15.29

200

150

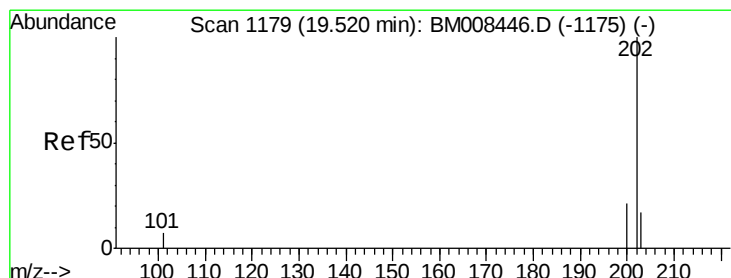
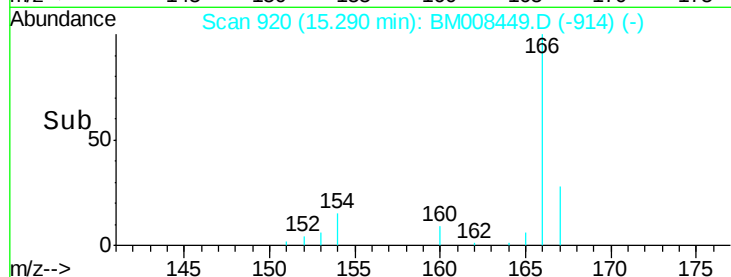
100

50

0

15.20 15.30 15.40

Time-->



#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.07 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

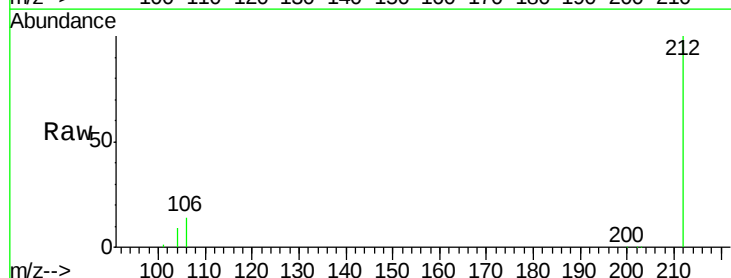
Tgt Ion:202 Resp: 321

Ion Ratio Lower Upper

202 100

200 25.9 18.2 27.4

203 138.9 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

19.45

400

300

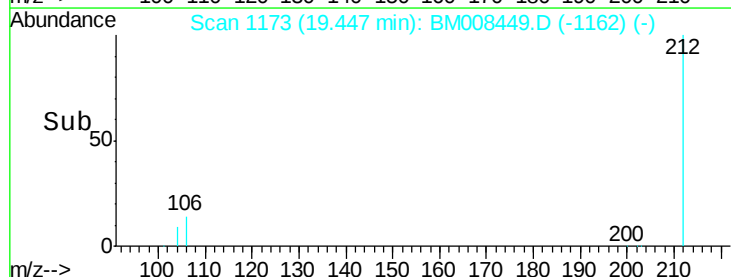
200

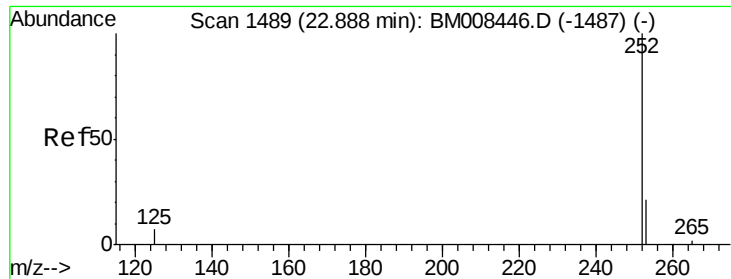
100

0

19.30 19.40 19.50 19.60

Time-->





#22

Benzo(k)fluoranthene

Concen: 0.02 ng/u1

RT: 22.82 min Scan# 1482

Delta R.T. -0.07 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

Instrument :

BNA_M

ClientSampleId :

DA839

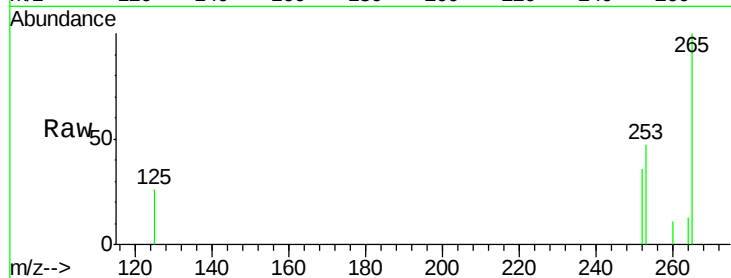
Tgt Ion:252 Resp: 141

Ion Ratio Lower Upper

252 100

253 128.6 24.5 36.7#

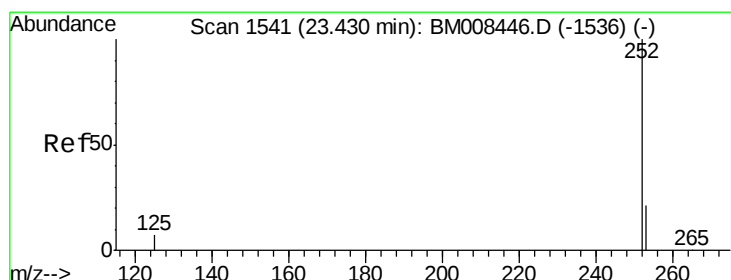
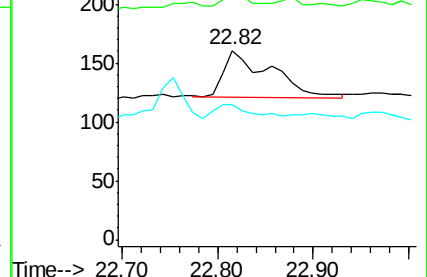
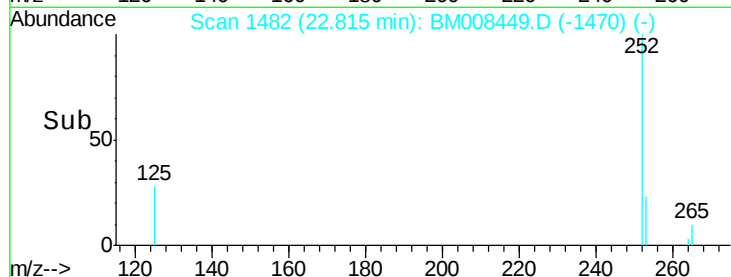
125 71.4 13.7 20.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.09 ng/u1

RT: 23.33 min Scan# 1531

Delta R.T. -0.10 min

Lab File: BM008449.D

Acq: 19 Dec 2016 19:49

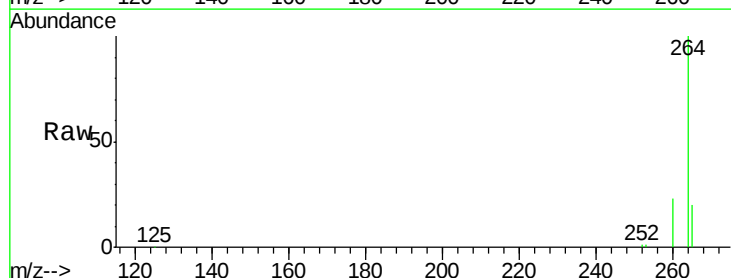
Tgt Ion:252 Resp: 555

Ion Ratio Lower Upper

252 100

253 76.7 28.5 42.7#

125 53.4 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

