

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008447.D
 Acq On : 19 Dec 2016 18:01
 Operator : UM/SJ
 Sample : H5938-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA828

Quant Time: Dec 20 03:43:45 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

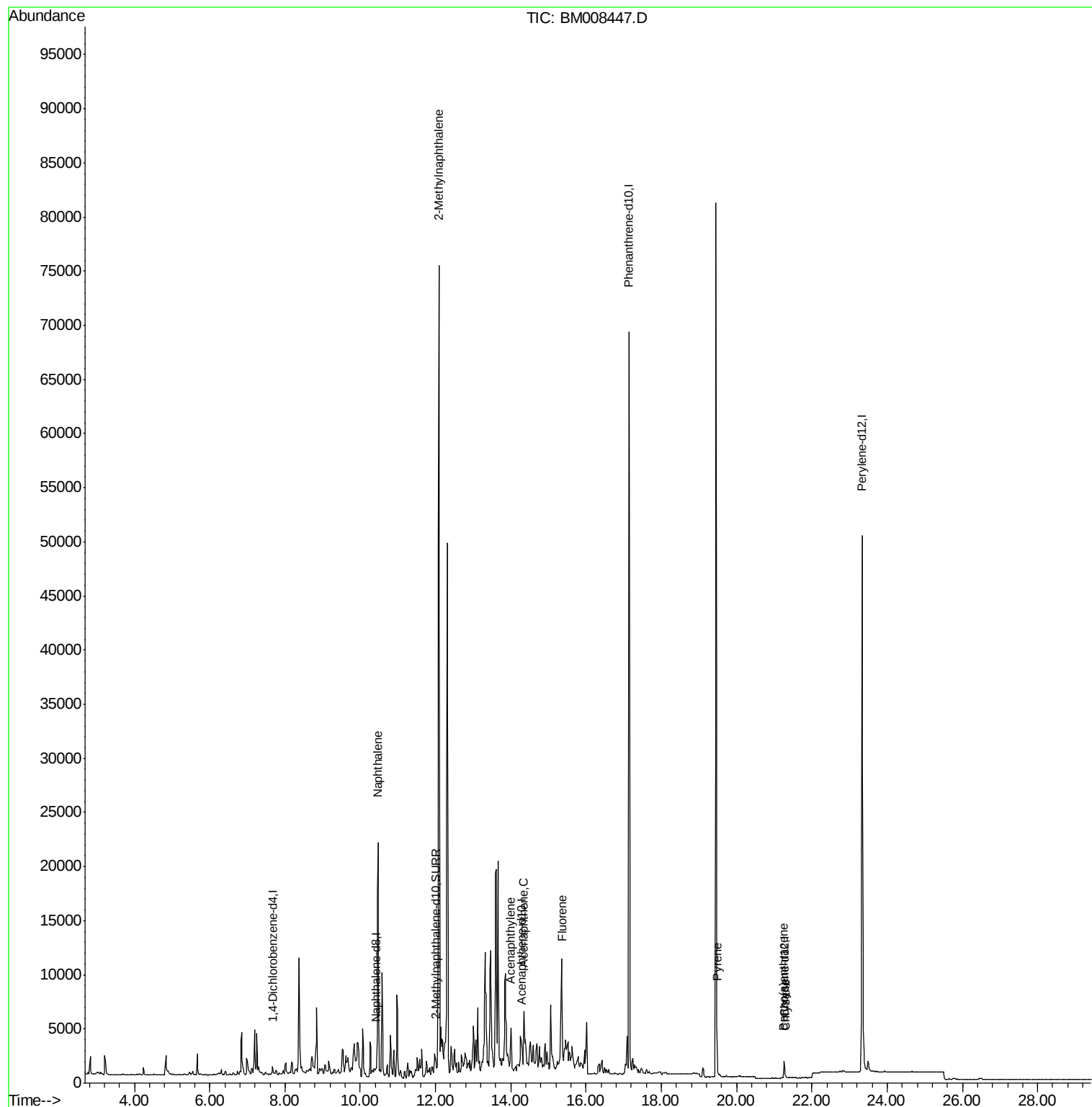
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	337	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1142	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	962	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	85603	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1670	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	61023	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	531	0.30	ng/ul	-0.08
14) Fluoranthene-d10	19.09	212	1173	0.00	ng/ul	-0.03
Target Compounds						
3) Naphthalene	10.48	128	30947	9.63	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	48997	22.66	ng/ul	100
7) Acenaphthylene	14.01	152	1249	0.29	ng/ul#	1
8) Acenaphthene	14.35	153	3344	1.02	ng/ul	94
9) Fluorene	15.36	166	8410	2.25	ng/ul	95
17) Pyrene	19.48	202	985	0.15	ng/ul#	69
18) Benzo(a)anthracene	21.24	228	209	0.04	ng/ul#	26
19) Chrysene	21.30	228	225	0.04	ng/ul#	34

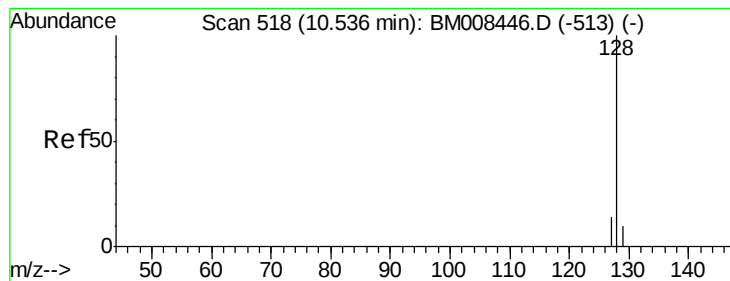
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 9.63 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

Instrument :

BNA_M

ClientSampleId :

DA828

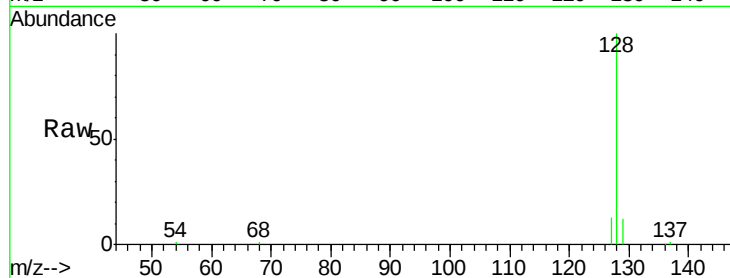
Tgt Ion:128 Resp: 30947

Ion Ratio Lower Upper

128 100

129 12.1 11.3 16.9

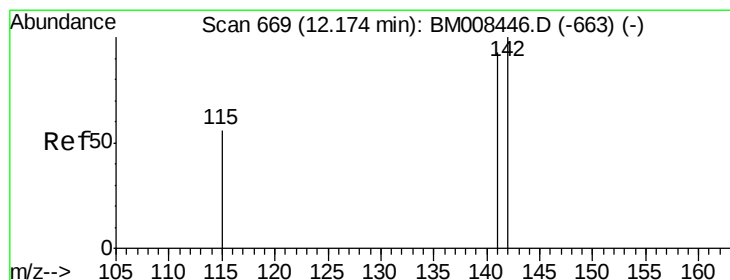
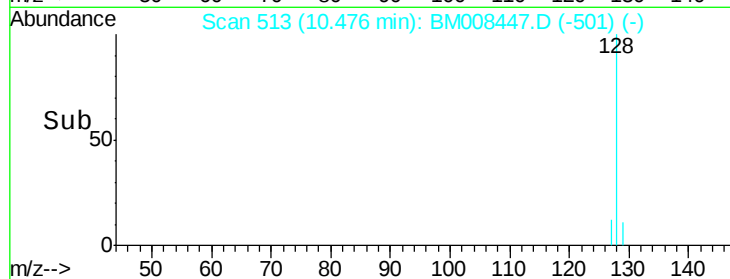
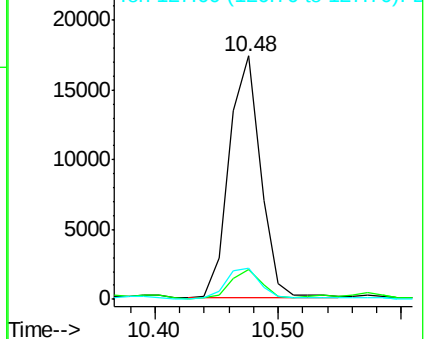
127 12.9 12.8 19.2



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: 22.66 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.08 min

Lab File: BM008447.D

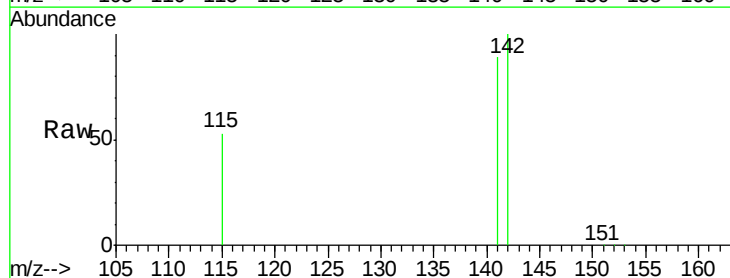
Acq: 19 Dec 2016 18:01

Tgt Ion:142 Resp: 48997

Ion Ratio Lower Upper

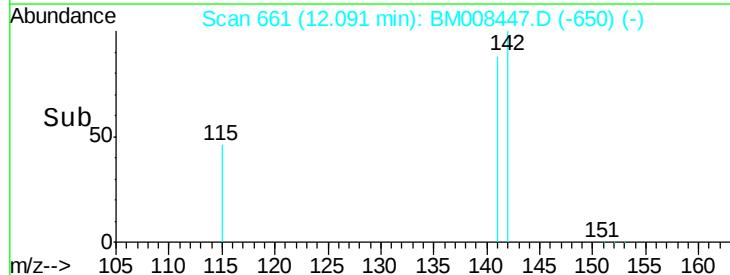
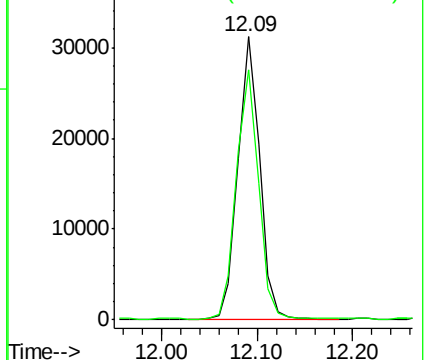
142 100

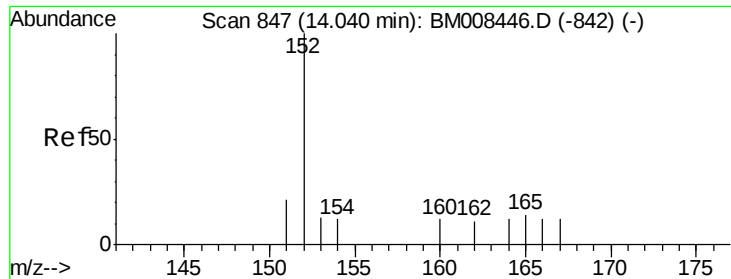
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.29 ng/ul

RT: 14.01 min Scan# 845

Delta R.T. -0.03 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

Instrument :

BNA_M

ClientSampled :

DA828

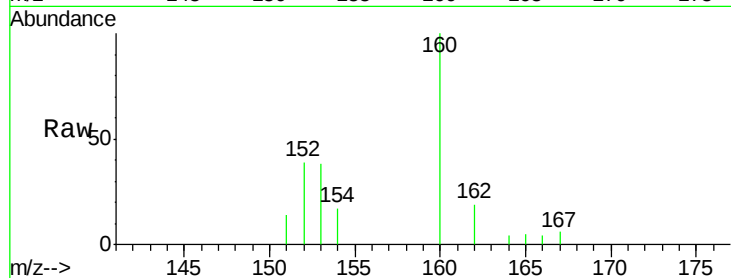
Tgt Ion:152 Resp: 1249

Ion Ratio Lower Upper

152 100

151 37.4 17.1 25.7#

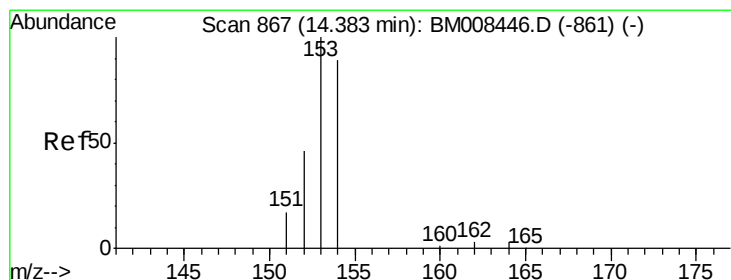
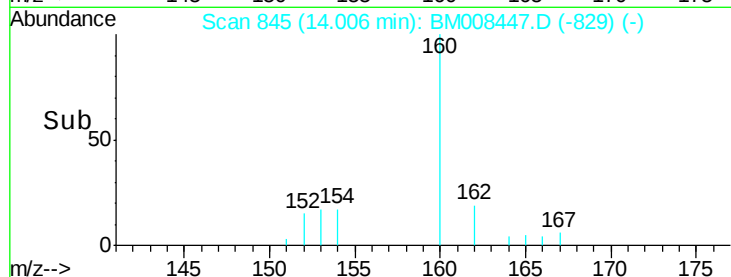
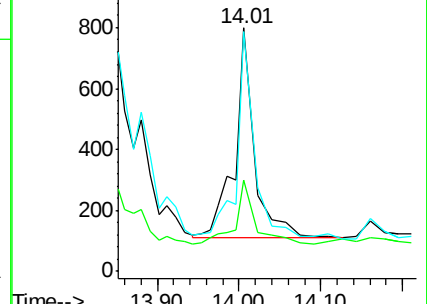
153 98.6 12.8 19.2#



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: 1.02 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

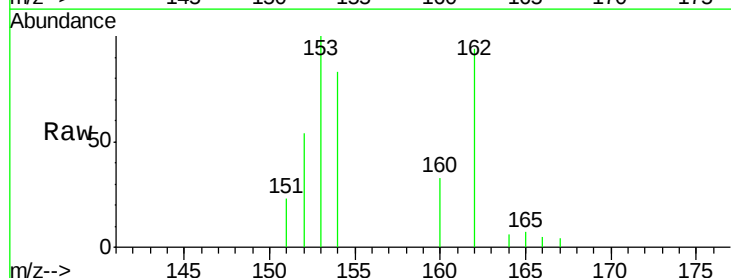
Tgt Ion:153 Resp: 3344

Ion Ratio Lower Upper

153 100

152 54.0 40.3 60.5

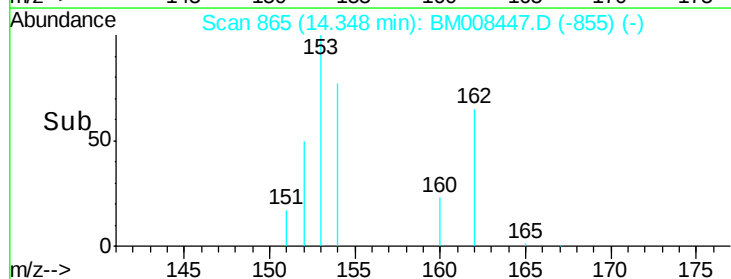
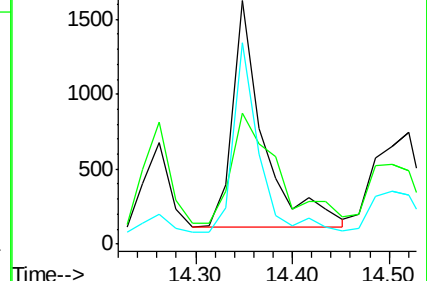
154 82.7 71.4 107.2

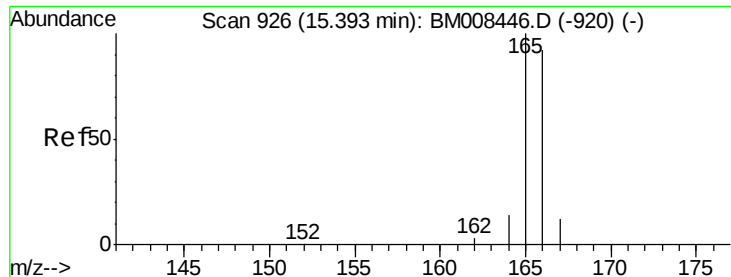


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.25 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

Instrument :

BNA_M

ClientSampleId :

DA828

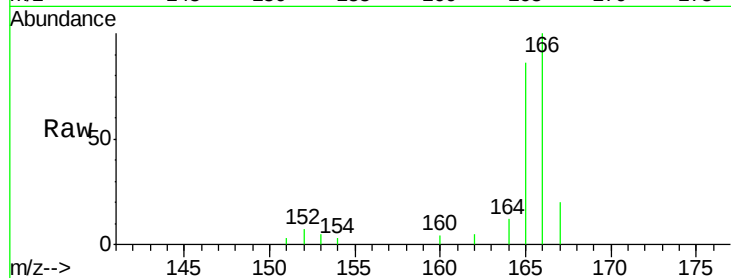
Tgt Ion:166 Resp: 8410

Ion Ratio Lower Upper

166 100

165 86.4 73.4 110.2

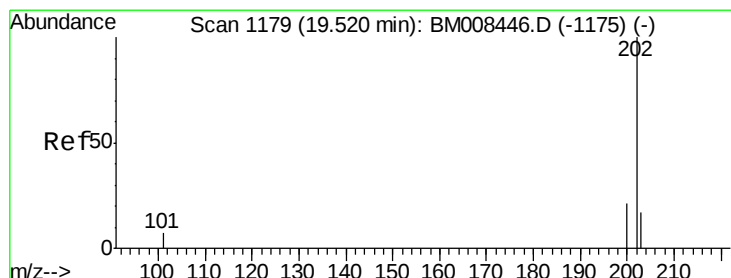
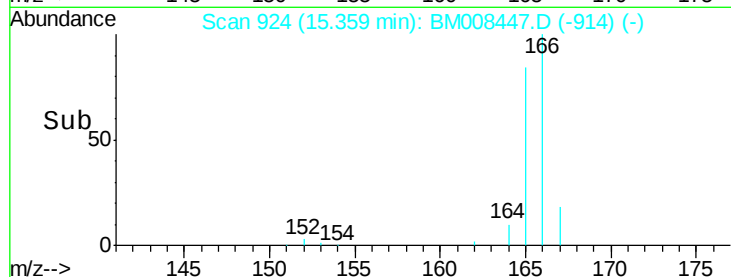
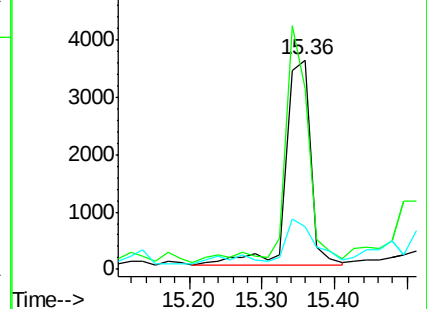
167 20.2 14.6 22.0



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: 0.15 ng/ul

RT: 19.48 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

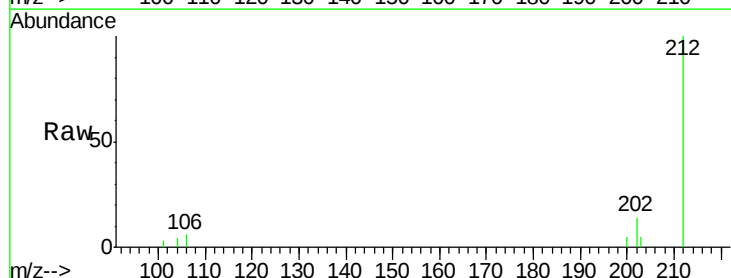
Tgt Ion:202 Resp: 985

Ion Ratio Lower Upper

202 100

200 32.7 18.2 27.4#

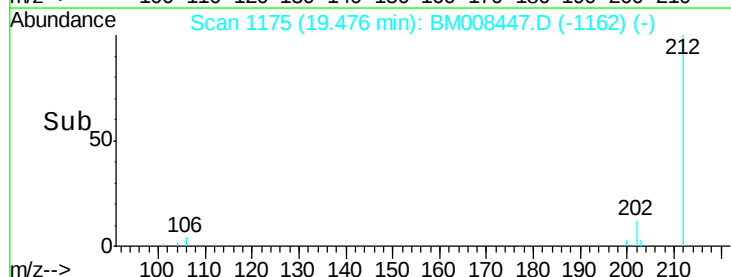
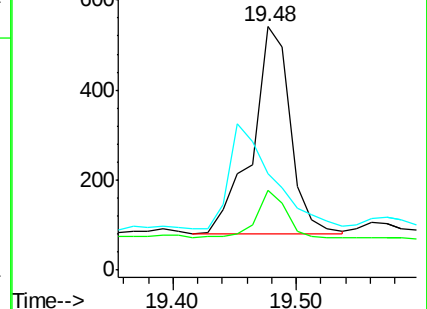
203 39.4 15.6 23.4#

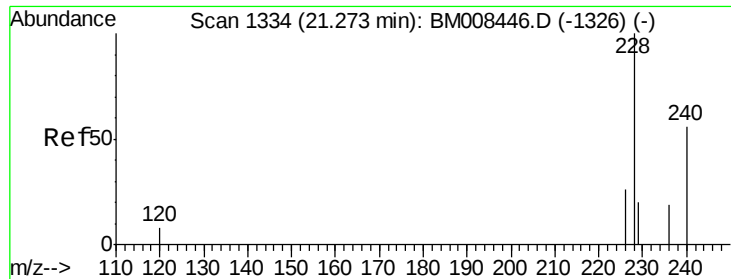


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

Instrument :

BNA_M

ClientSampleId :

DA828

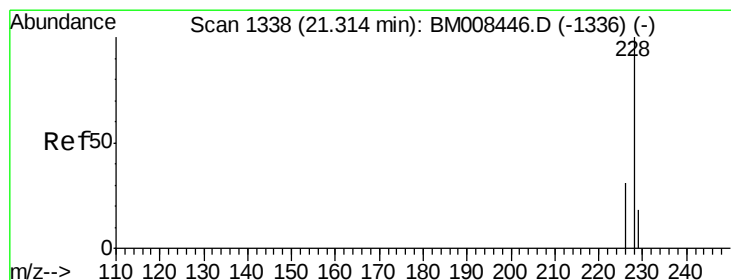
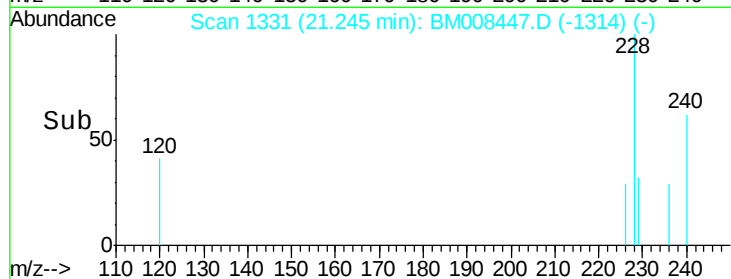
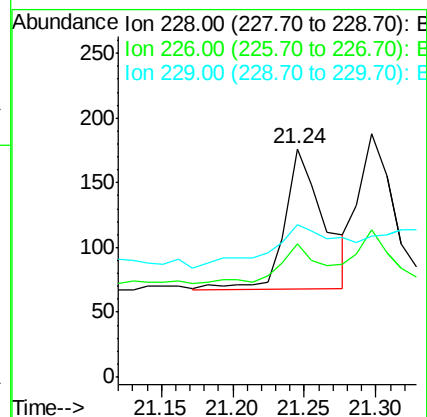
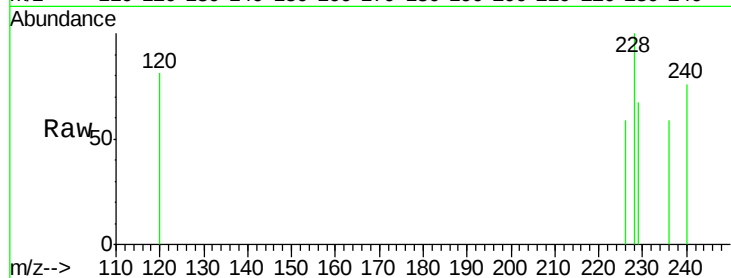
Tgt Ion:228 Resp: 209

Ion Ratio Lower Upper

228 100

226 58.5 22.8 34.2#

229 67.0 17.0 25.6#



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.30 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008447.D

Acq: 19 Dec 2016 18:01

Tgt Ion:228 Resp: 225

Ion Ratio Lower Upper

228 100

226 60.6 23.4 35.0#

229 58.0 17.7 26.5#

