

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008000.D
 Acq On : 22 Nov 2016 18:36
 Operator : UM/SJ
 Sample : H5695-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSW7

Quant Time: Nov 23 00:48:57 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration

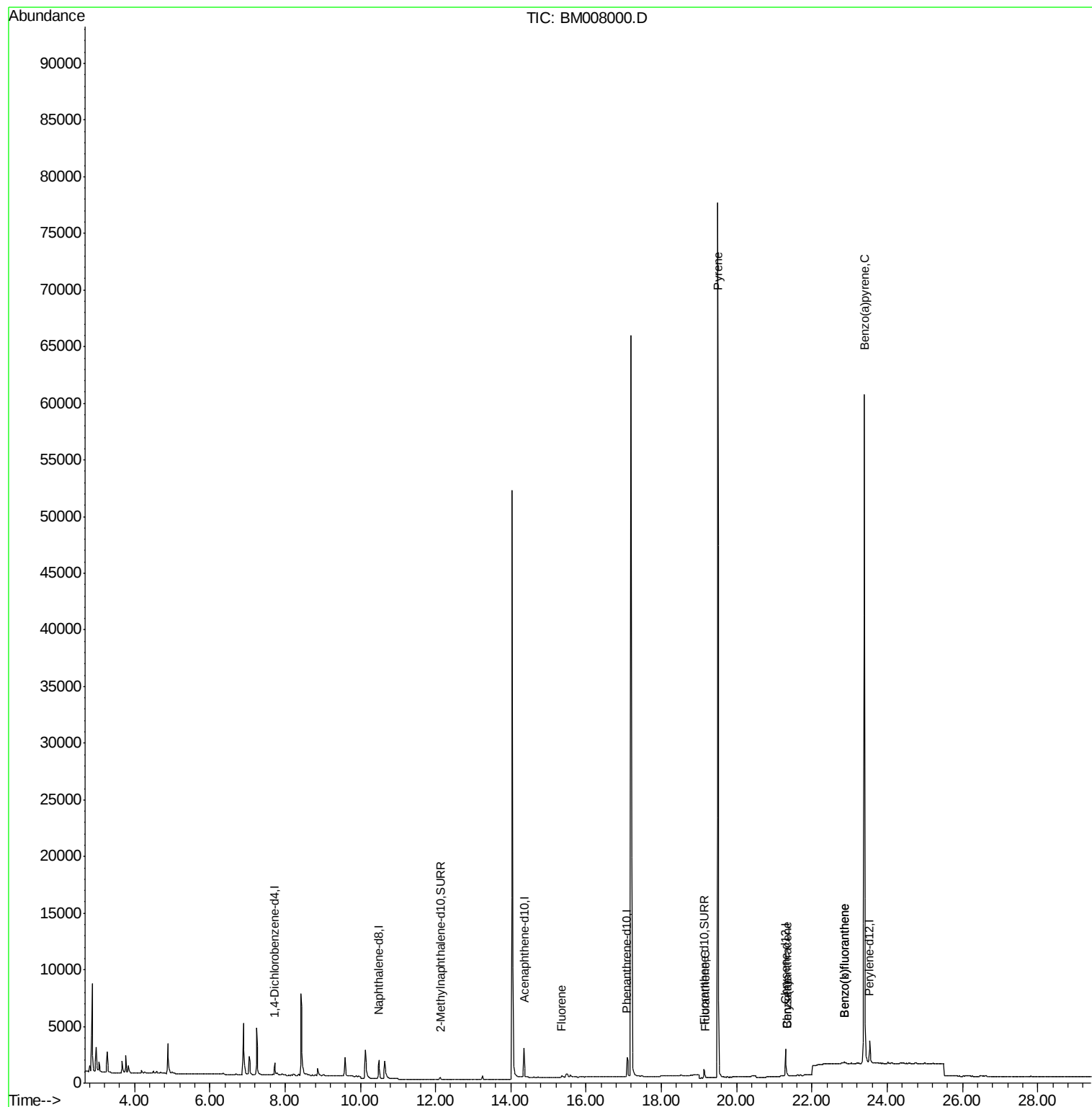
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	729	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2487	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1511	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	2890	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2913	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2949	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	437	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1077	0.13	ng/ul	-0.01
Target Compounds						
					Qvalue	
9) Fluorene	15.34	166	171	0.03	ng/ul#	48
15) Fluoranthene	19.17	202	395	0.03	ng/ul#	24
17) Pyrene	19.50	202	341	0.03	ng/ul#	1
18) Benzo(a)anthracene	21.34	228	431	0.05	ng/ul#	27
19) Chrysene	21.34	228	455	0.04	ng/ul#	29
21) Benzo(b)fluoranthene	22.86	252	345	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	335	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	404	0.04	ng/ul#	1

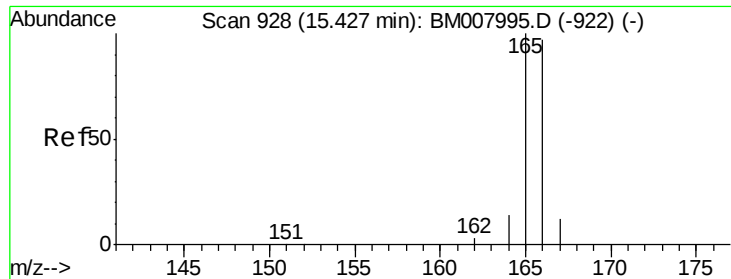
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

Instrument :

BNA_M

ClientSampleId :

JHSW7

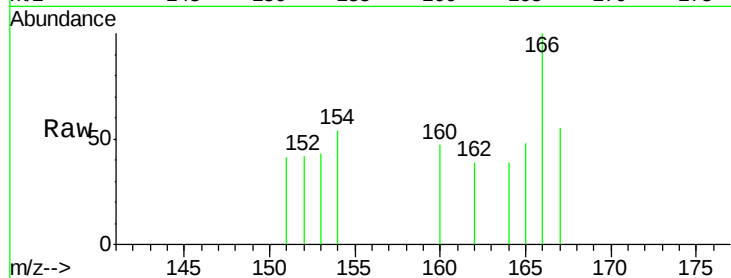
Tgt Ion:166 Resp: 171

Ion Ratio Lower Upper

166 100

165 48.0 73.4 110.2#

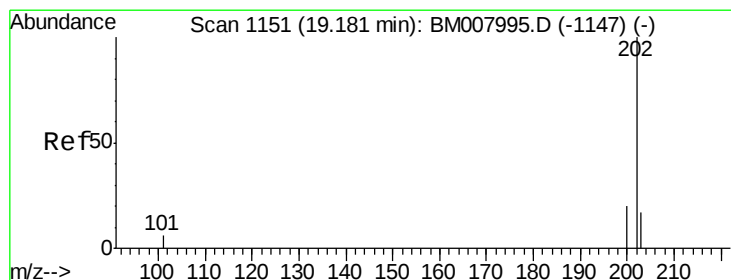
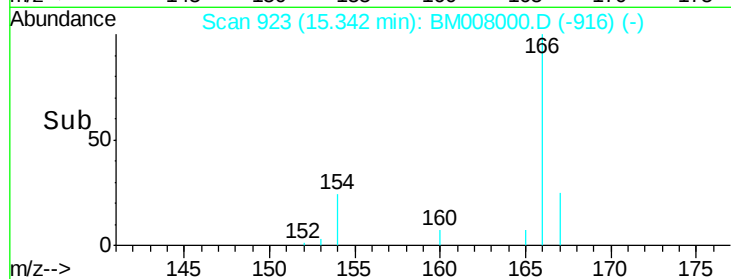
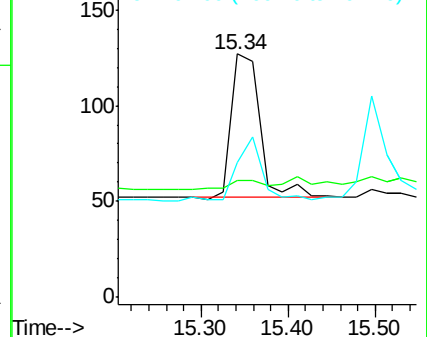
167 55.1 14.6 22.0#



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

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

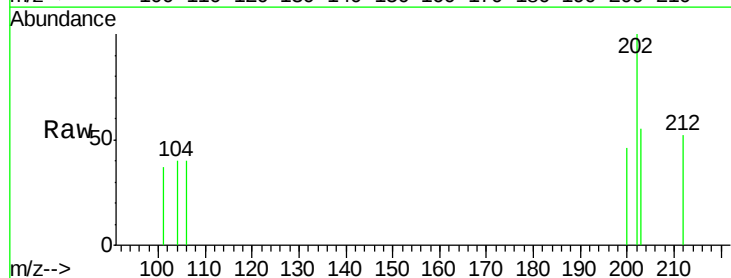
Tgt Ion:202 Resp: 395

Ion Ratio Lower Upper

202 100

101 37.0 0.0 30.3#

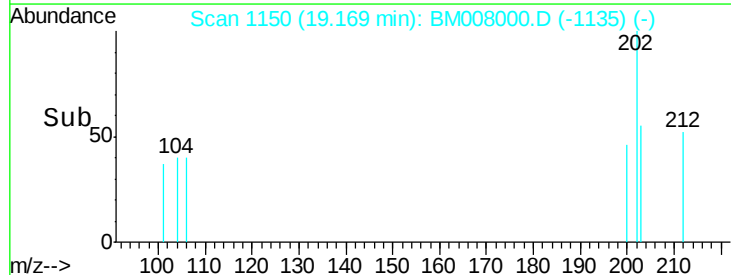
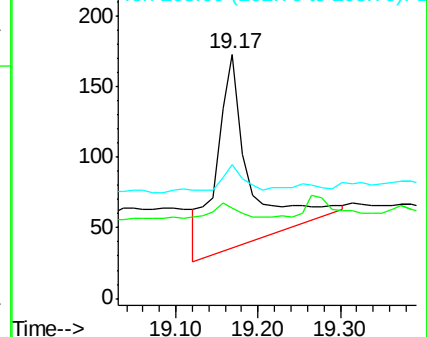
203 54.9 0.0 39.5#

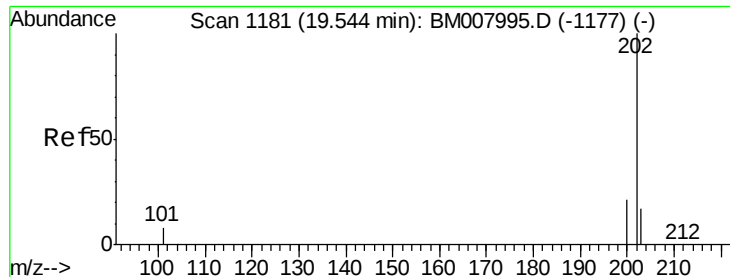


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

Instrument :

BNA_M

ClientSampleId :

JHSW7

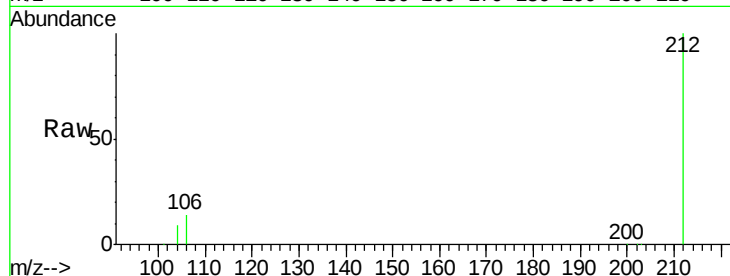
Tgt Ion:202 Resp: 341

Ion Ratio Lower Upper

202 100

200 35.4 18.2 27.4#

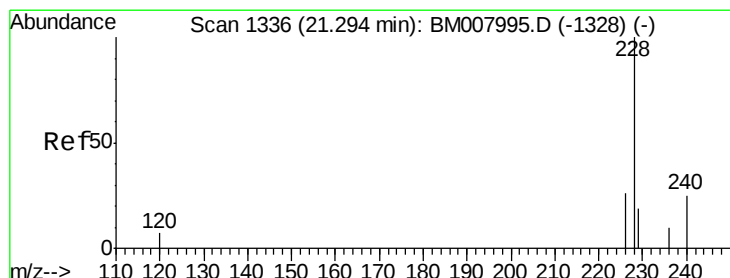
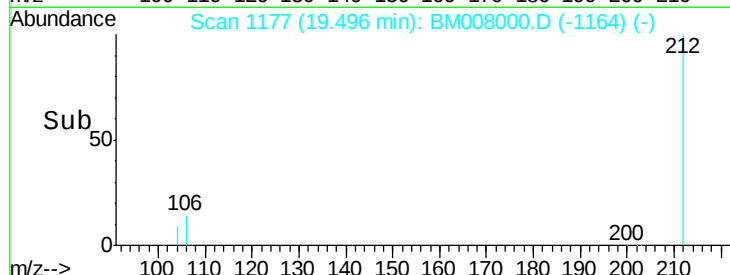
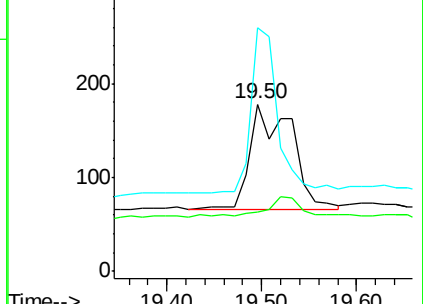
203 145.5 15.6 23.4#



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: 0.05 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

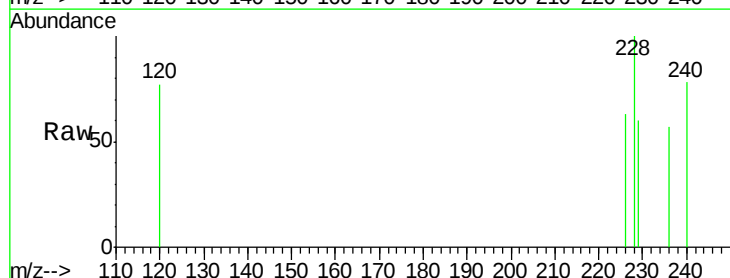
Tgt Ion:228 Resp: 431

Ion Ratio Lower Upper

228 100

226 63.5 22.8 34.2#

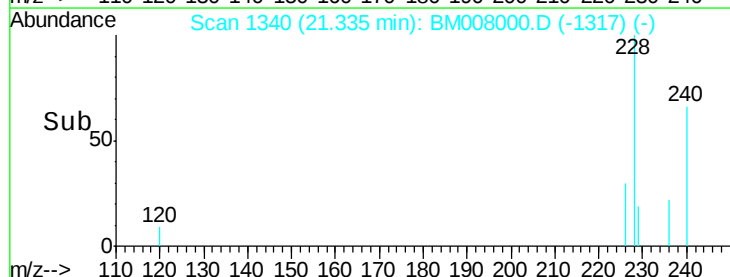
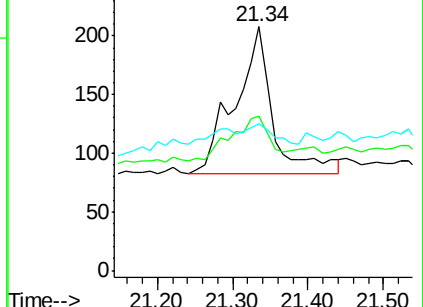
229 60.1 17.0 25.6#

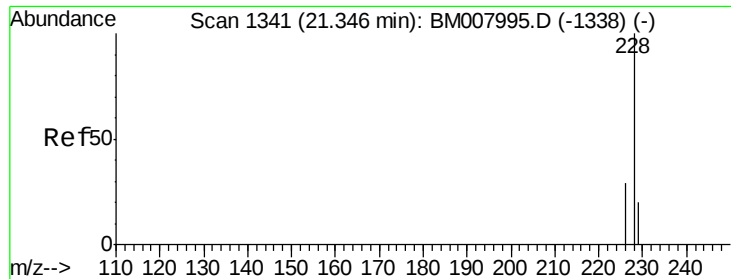


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

Instrument :

BNA_M

ClientSampleId :

JHSW7

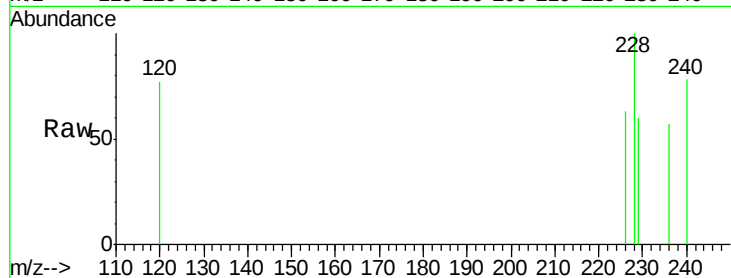
Tgt Ion:228 Resp: 455

Ion Ratio Lower Upper

228 100

226 63.5 23.4 35.0#

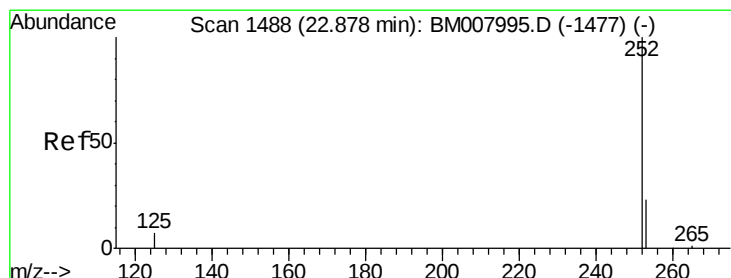
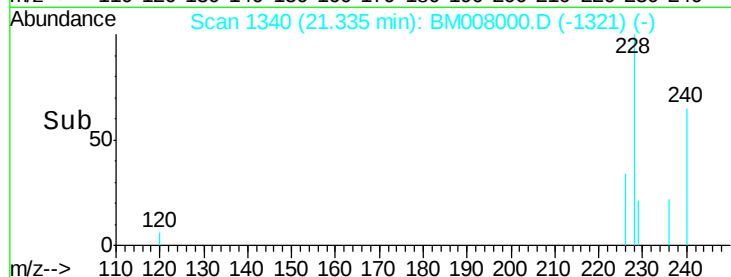
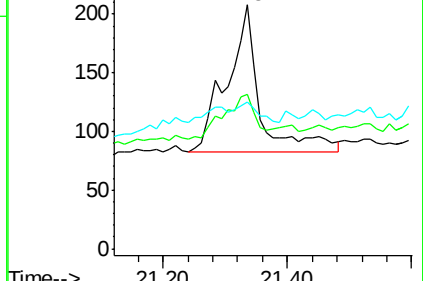
229 60.1 17.7 26.5#



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



#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.86 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

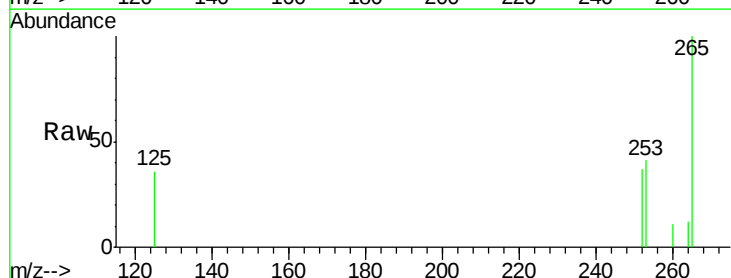
Tgt Ion:252 Resp: 345

Ion Ratio Lower Upper

252 100

253 109.0 0.0 64.2#

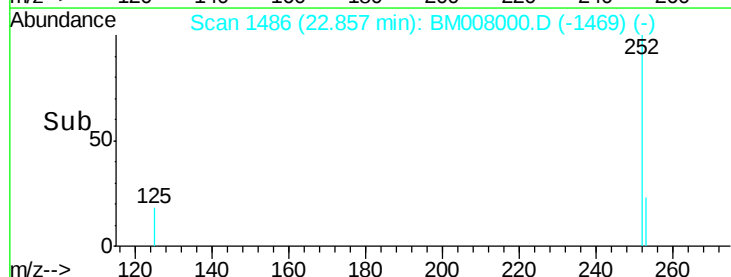
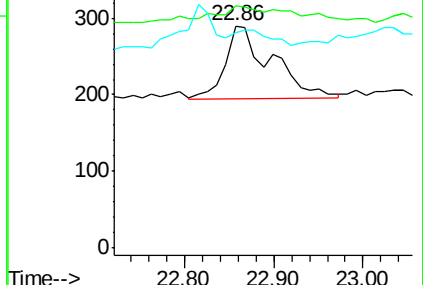
125 96.9 0.0 35.0#

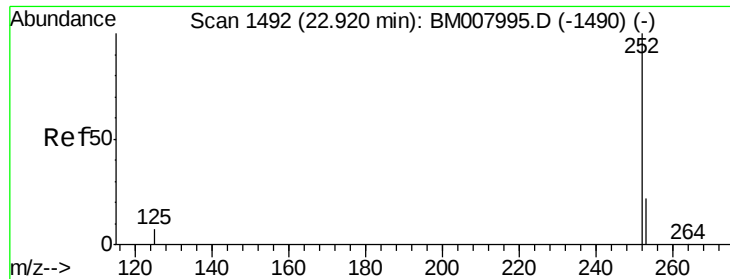


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.86 min Scan# 1486

Delta R.T. -0.06 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

Instrument :

BNA_M

ClientSampleId :

JHSW7

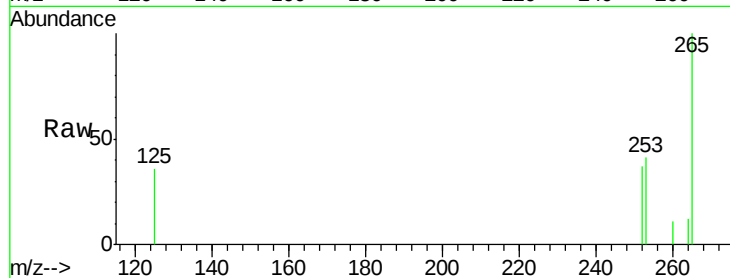
Tgt Ion:252 Resp: 335

Ion Ratio Lower Upper

252 100

253 109.0 24.5 36.7#

125 96.9 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

22.86

300

200

100

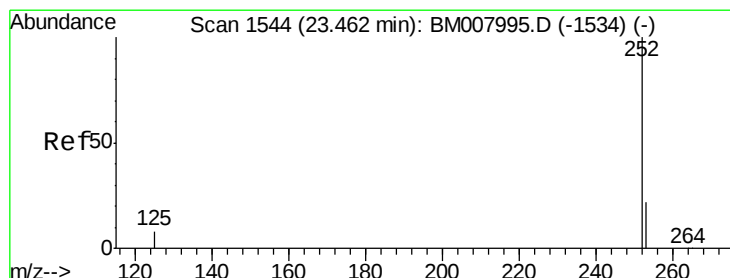
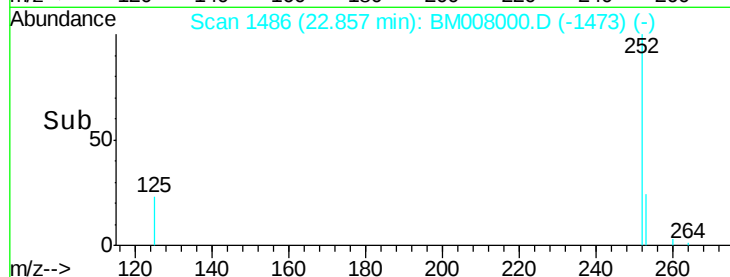
0

Time-->

22.80

22.90

23.00



#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.06 min

Lab File: BM008000.D

Acq: 22 Nov 2016 18:36

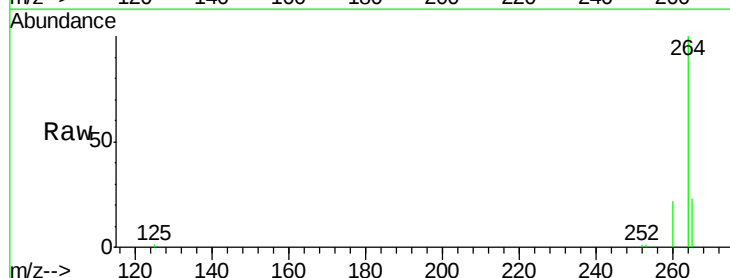
Tgt Ion:252 Resp: 404

Ion Ratio Lower Upper

252 100

253 100.3 28.5 42.7#

125 96.4 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

23.39

500

400

300

200

100

0

Time-->

23.40

23.50

