

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122816\
 Data File : BM008701.D
 Acq On : 28 Dec 2016 19:44
 Operator : UM/SJ
 Sample : H6067-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7H5

Quant Time: Dec 29 03:33:37 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 29 03:29:39 2016
 Response via : Initial Calibration

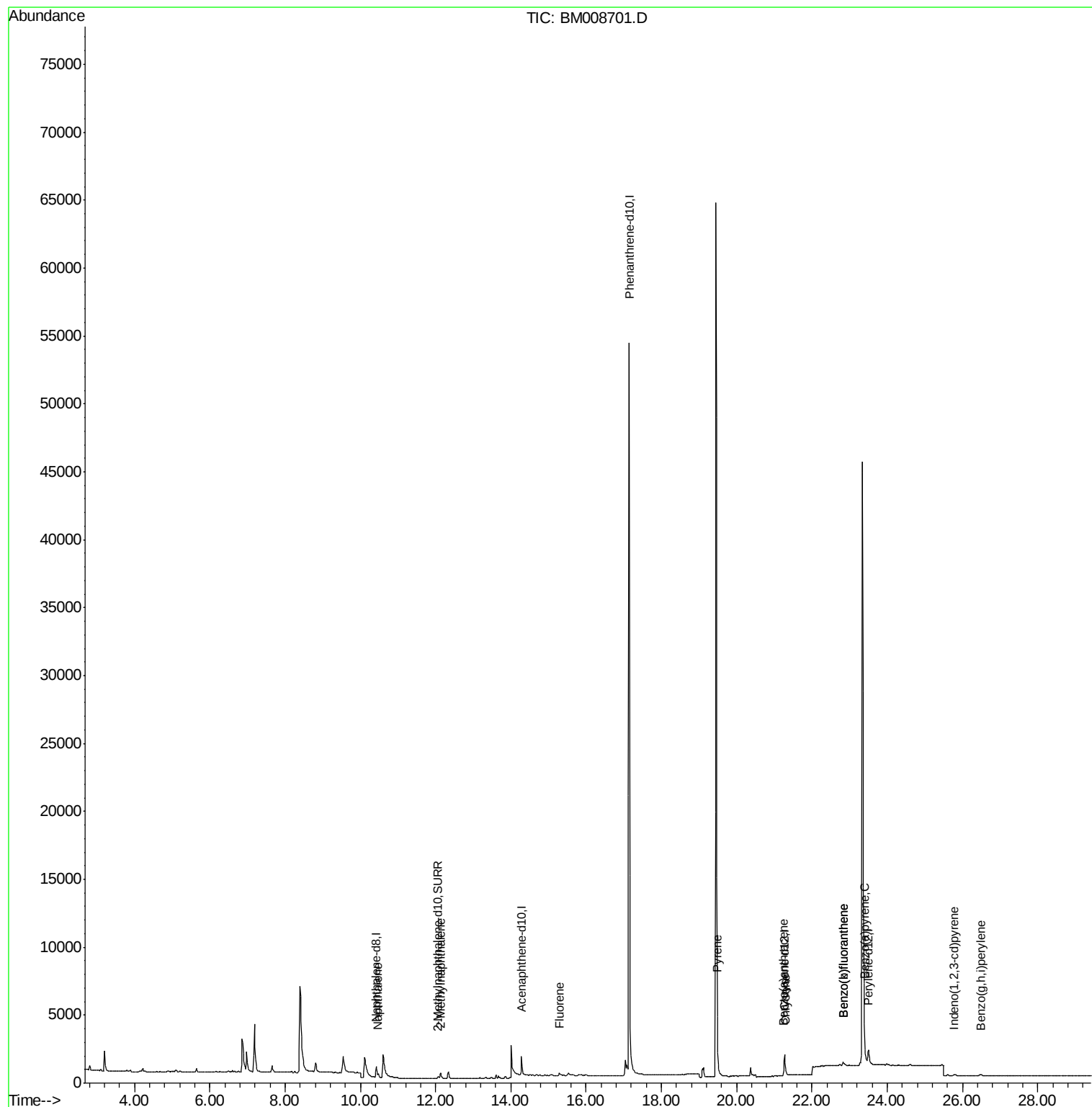
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.82
2) Naphthalene-d8	10.43	136	1361	0.40	ng/ul	-0.13
6) Acenaphthene-d10	14.28	164	786	0.40	ng/ul	-0.07
10) Phenanthrene-d10	17.14	188	77357	0.40	ng/ul	0.03
16) Chrysene-d12	21.27	240	1657	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2152	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	373	0.18	ng/ul	-0.10
14) Fluoranthene-d10	19.10	212	1012	0.00	ng/ul	-0.04
Target Compounds						
					Qvalue	
3) Naphthalene	10.48	128	439	0.11	ng/ul#	62
5) 2-Methylnaphthalene	12.13	142	507	0.20	ng/ul	98
9) Fluorene	15.29	166	207	0.07	ng/ul#	45
17) Pyrene	19.48	202	828	0.13	ng/ul#	71
18) Benzo(a)anthracene	21.25	228	423	0.08	ng/ul#	47
19) Chrysene	21.30	228	469	0.08	ng/ul#	56
21) Benzo(b)fluoranthene	22.83	252	648	0.08	ng/ul#	21
22) Benzo(k)fluoranthene	22.83	252	648	0.08	ng/ul#	17
23) Benzo(a)pyrene	23.39	252	288	0.04	ng/ul#	7
24) Indeno(1,2,3-cd)pyrene	25.79	276	201	0.02	ng/ul	97
26) Benzo(g,h,i)perylene	26.48	276	223	0.03	ng/ul#	8

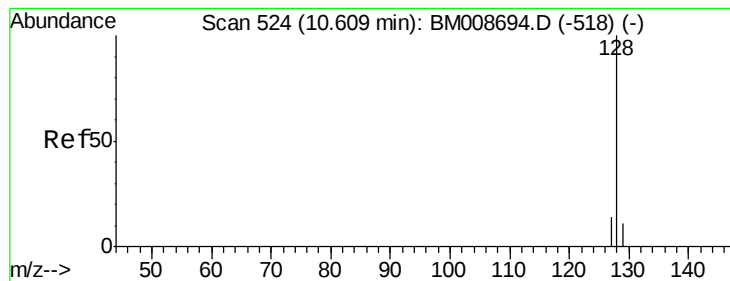
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.13 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5

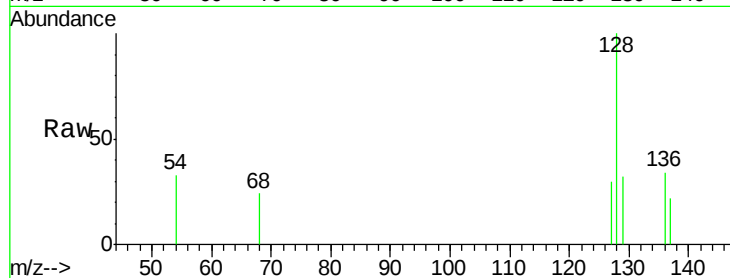
Tgt Ion:128 Resp: 439

Ion Ratio Lower Upper

128 100

129 32.0 11.3 16.9#

127 30.0 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

10.48

300

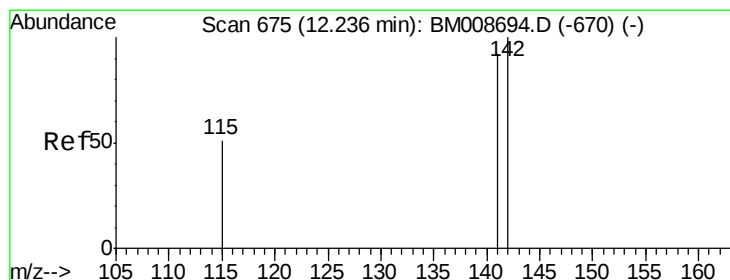
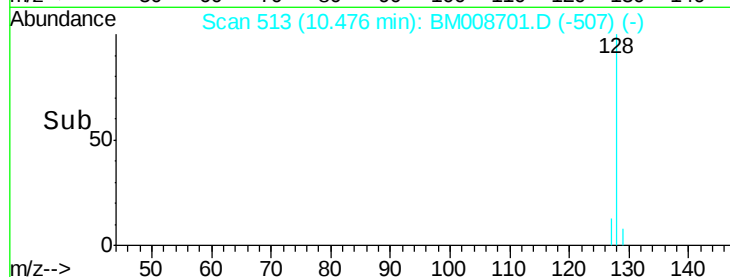
200

100

0

10.40 10.50 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.20 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.10 min

Lab File: BM008701.D

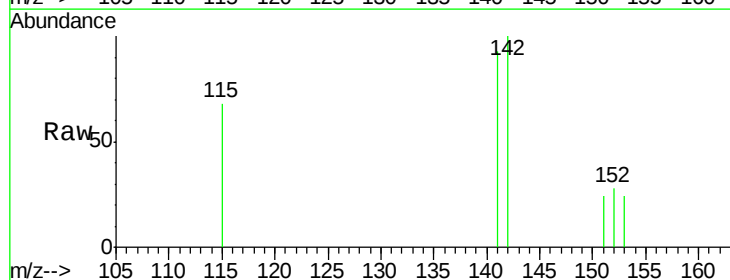
Acq: 28 Dec 2016 19:44

Tgt Ion:142 Resp: 507

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

250

200

150

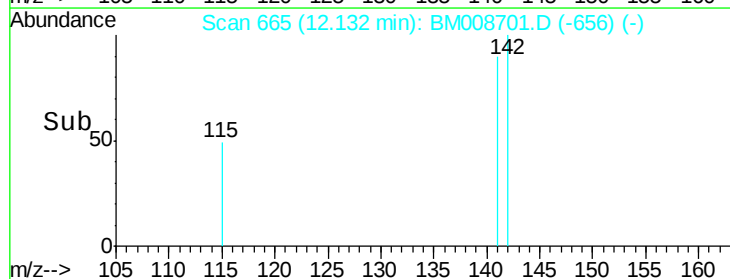
100

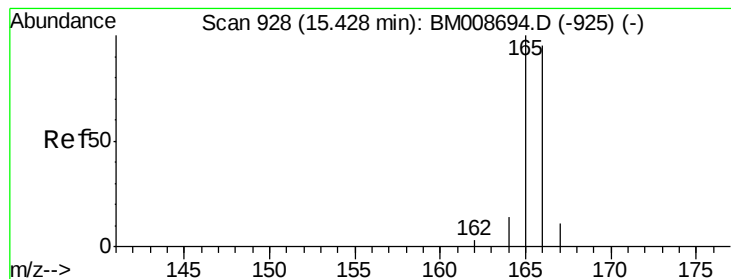
50

0

12.10 12.20

Time-->





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.14 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5

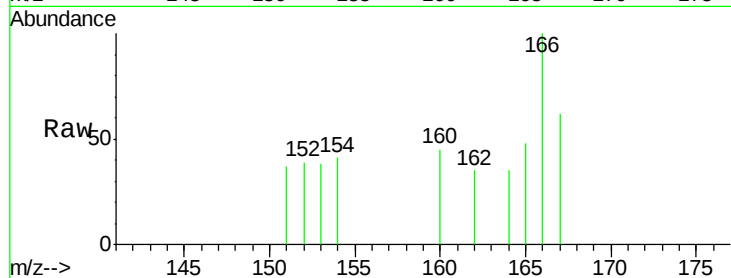
Tgt Ion:166 Resp: 207

Ion Ratio Lower Upper

166 100

165 47.7 73.4 110.2#

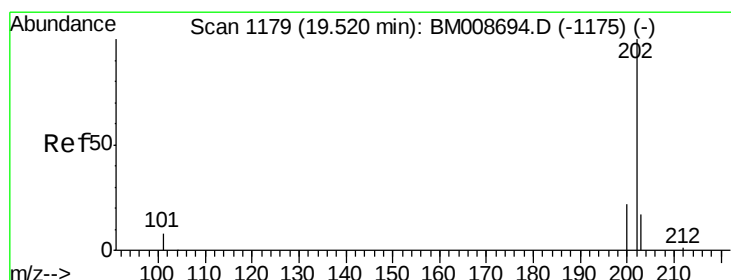
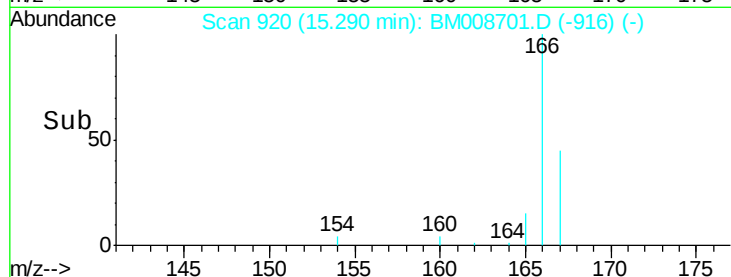
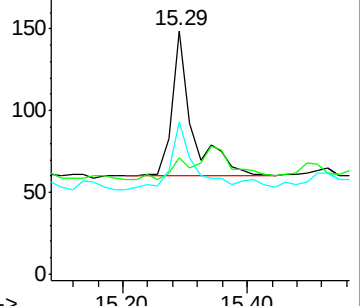
167 62.4 14.6 22.0#



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: 0.13 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.04 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

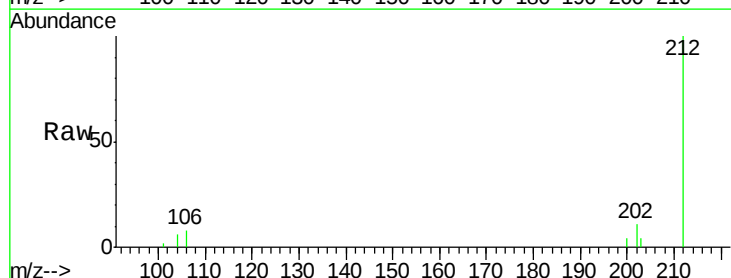
Tgt Ion:202 Resp: 828

Ion Ratio Lower Upper

202 100

200 30.8 18.2 27.4#

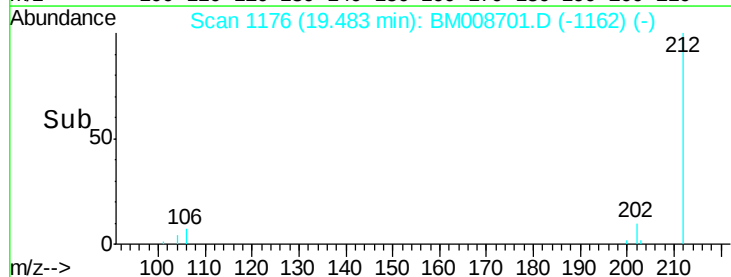
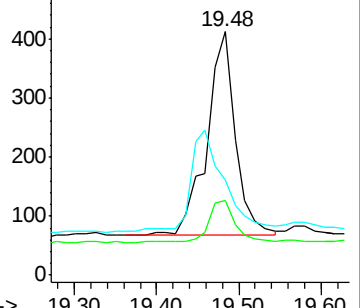
203 39.1 15.6 23.4#

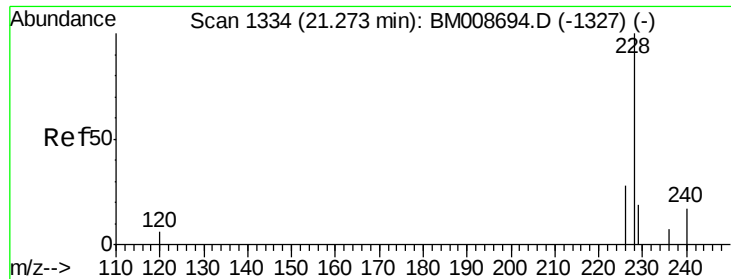


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.25 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5

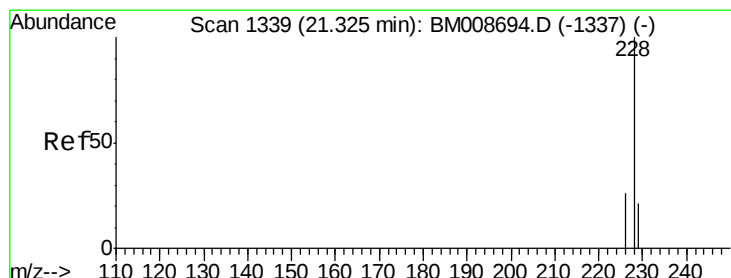
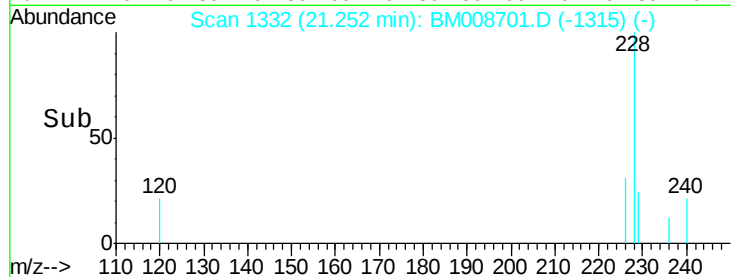
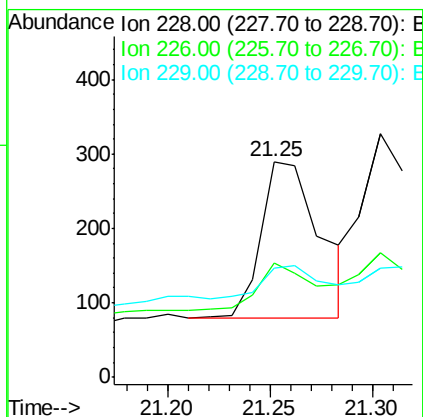
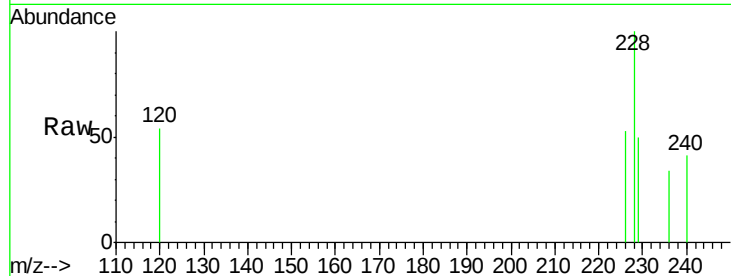
Tgt Ion:228 Resp: 423

Ion Ratio Lower Upper

228 100

226 53.1 22.8 34.2#

229 50.3 17.0 25.6#



#19

Chrysene

Concen: 0.08 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

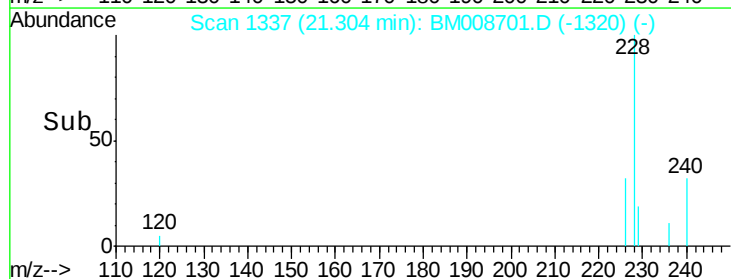
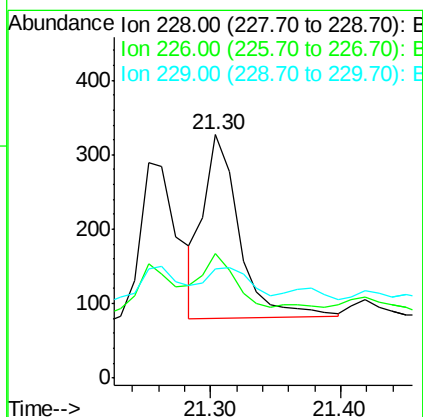
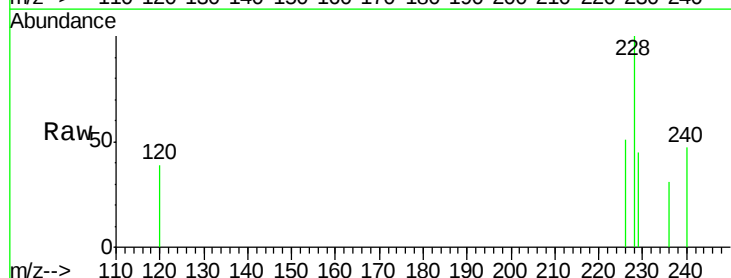
Tgt Ion:228 Resp: 469

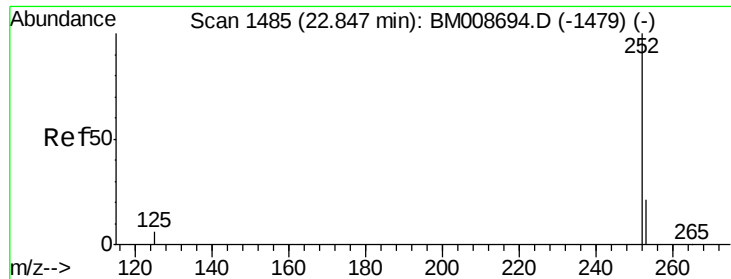
Ion Ratio Lower Upper

228 100

226 51.1 23.4 35.0#

229 44.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.08 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5

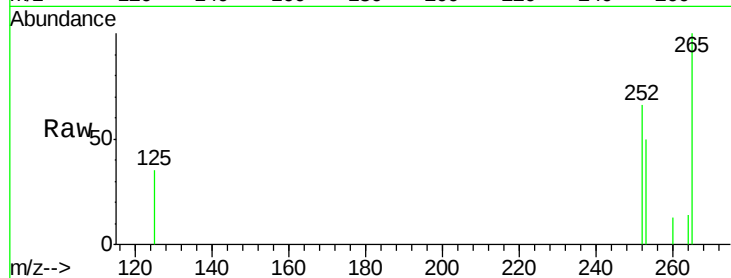
Tgt Ion:252 Resp: 648

Ion Ratio Lower Upper

252 100

253 75.4 0.0 64.2#

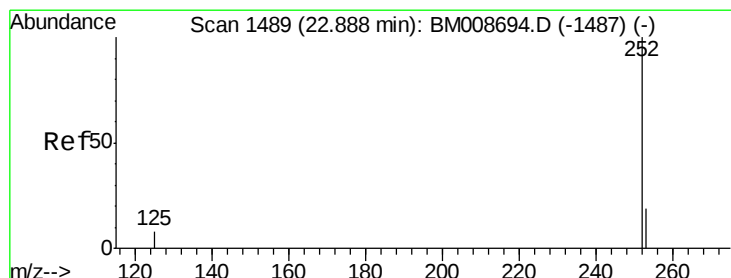
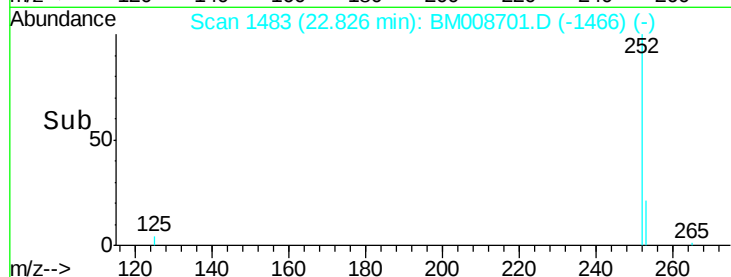
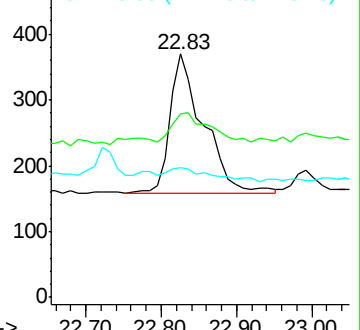
125 53.5 0.0 35.0#



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: 0.08 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.06 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

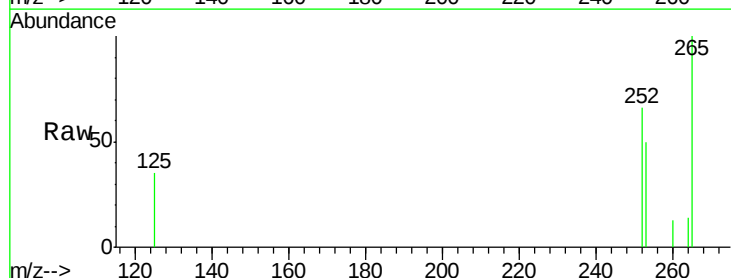
Tgt Ion:252 Resp: 648

Ion Ratio Lower Upper

252 100

253 75.4 24.5 36.7#

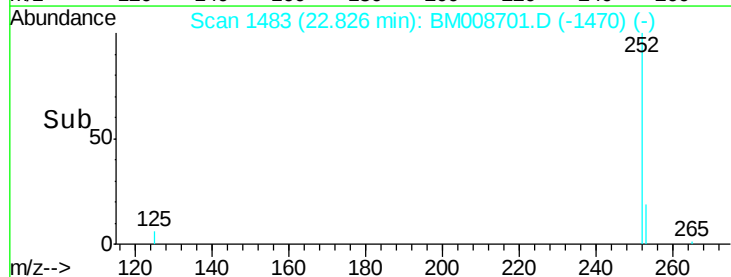
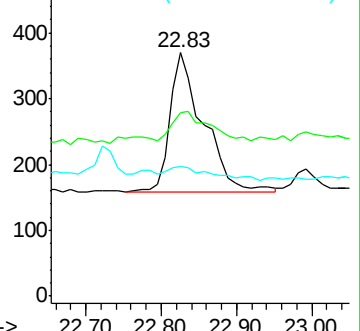
125 53.5 13.7 20.5#

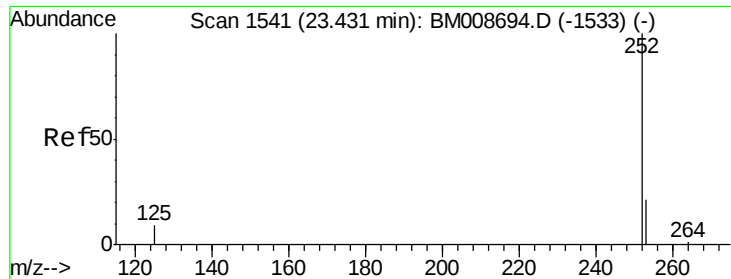


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.04 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5

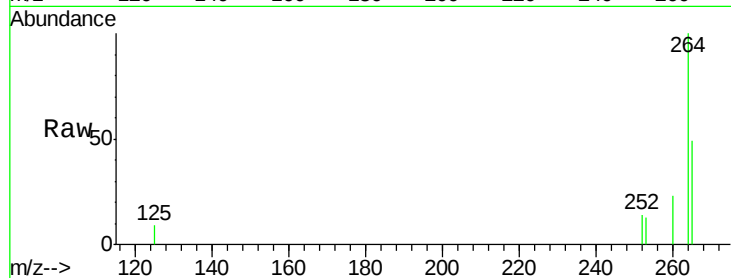
Tgt Ion: 252 Resp: 288

Ion Ratio Lower Upper

252 100

253 92.9 28.5 42.7#

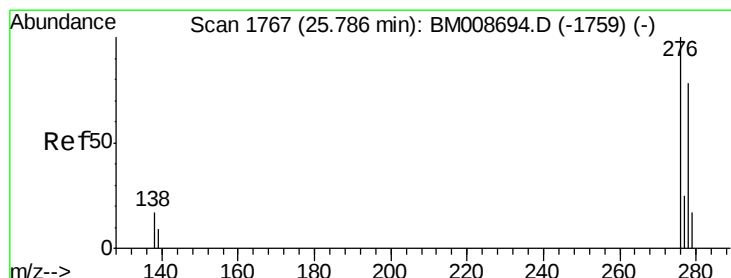
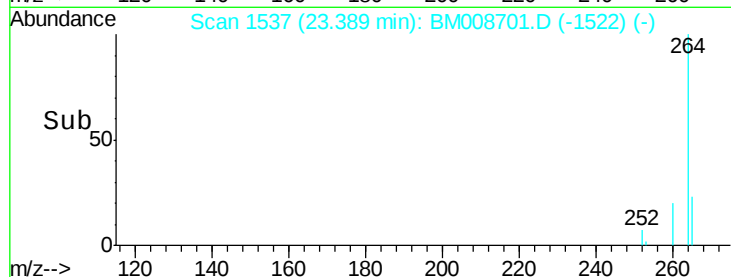
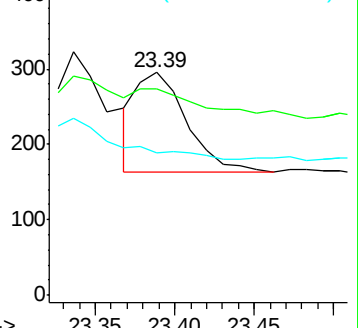
125 64.1 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 25.79 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BM008701.D

Acq: 28 Dec 2016 19:44

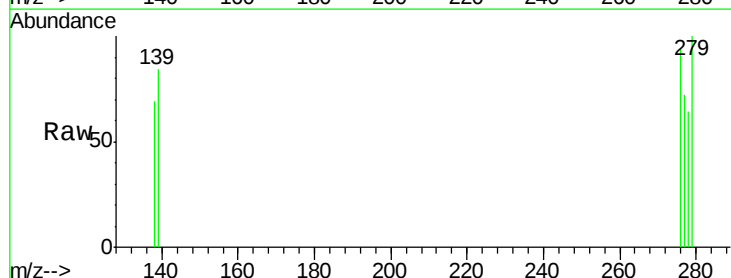
Tgt Ion: 276 Resp: 201

Ion Ratio Lower Upper

276 100

138 21.9 19.1 28.7

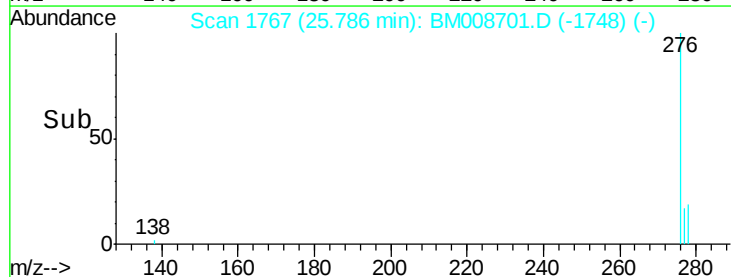
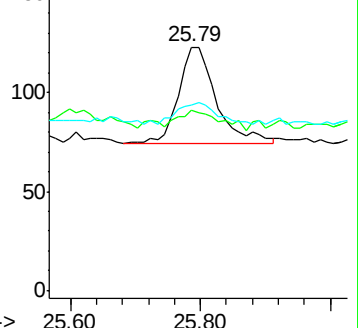
277 23.4 19.6 29.4

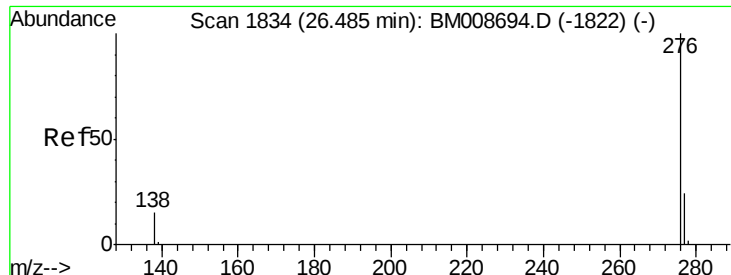


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.48 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BM008701.D

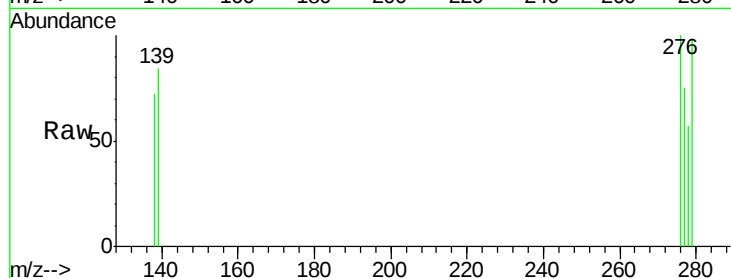
Acq: 28 Dec 2016 19:44

Instrument :

BNA_M

ClientSampleId :

DA7H5



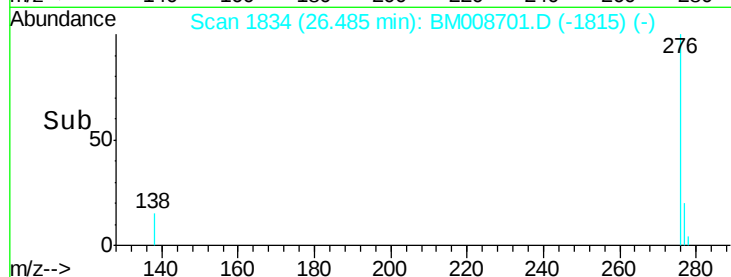
Tgt Ion: 276 Resp: 223

Ion Ratio Lower Upper

276 100

277 75.0 21.8 32.8#

138 71.9 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

