

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008667.D
 Acq On : 25 Dec 2016 12:33
 Operator : UM/SJ
 Sample : H6069-12DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7J8DL

Quant Time: Dec 26 03:29:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	437	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.48	136	1158	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.31	164	738	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1249	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	1403	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1818	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	82	0.05	ng/ul	0.01
14) Fluoranthene-d10	19.10	212	272	0.08	ng/ul	-0.01

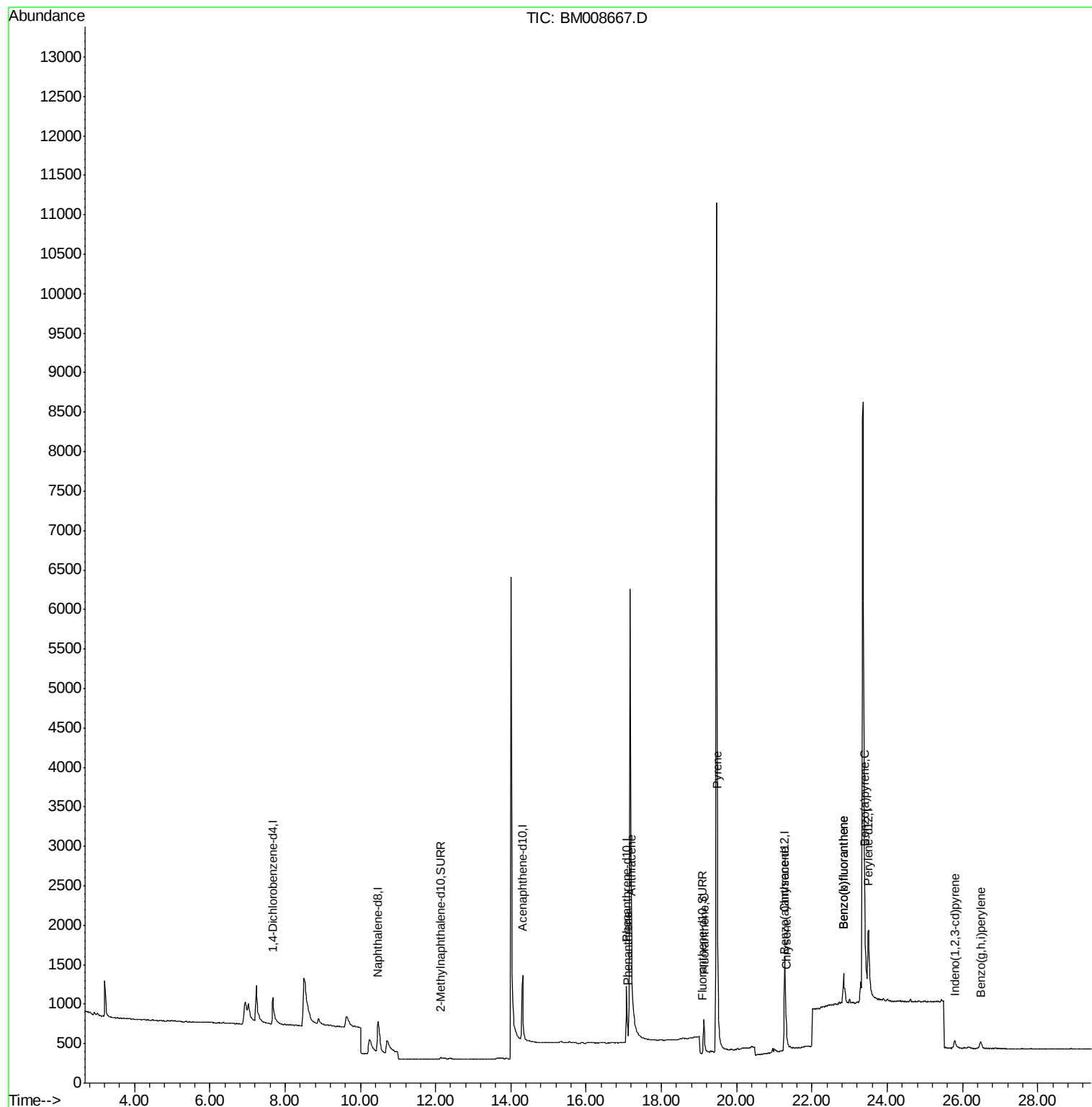
Target Compounds				Qvalue		
12) Phenanthrene	17.11	178	134	0.04	ng/ul#	22
13) Anthracene	17.21	178	83	0.02	ng/ul#	1
15) Fluoranthene	19.14	202	770	0.16	ng/ul	71
17) Pyrene	19.49	202	719	0.13	ng/ul#	74
18) Benzo(a)anthracene	21.27	228	554	0.12	ng/ul#	67
19) Chrysene	21.32	228	463	0.09	ng/ul#	68
21) Benzo(b)fluoranthene	22.84	252	1005	0.14	ng/ul#	54
22) Benzo(k)fluoranthene	22.84	252	1005	0.14	ng/ul#	52
23) Benzo(a)pyrene	23.40	252	368	0.06	ng/ul#	28
24) Indeno(1,2,3-cd)pyrene	25.80	276	241	0.03	ng/ul	93
26) Benzo(g,h,i)perylene	26.49	276	276	0.04	ng/ul#	30

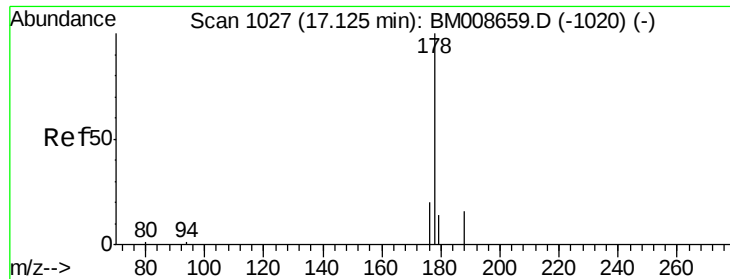
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.11 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

Instrument :

BNA_M

ClientSampleId :

DA7J8DL

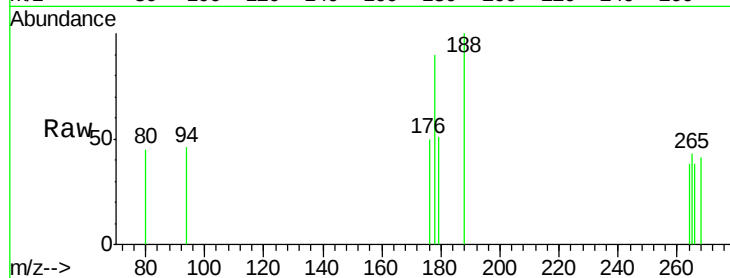
Tgt Ion:178 Resp: 134

Ion Ratio Lower Upper

178 100

176 55.4 18.4 27.6#

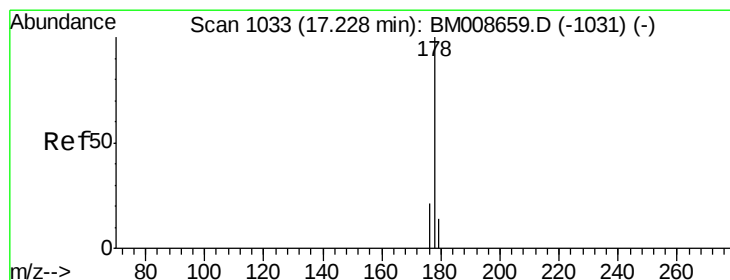
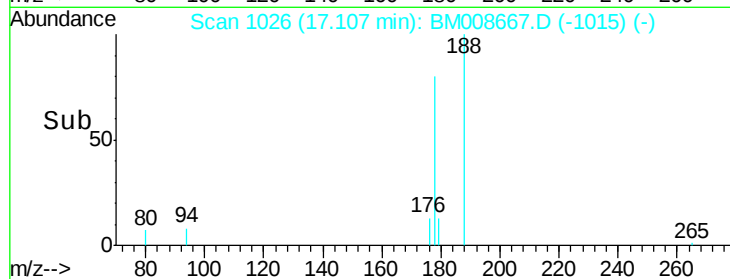
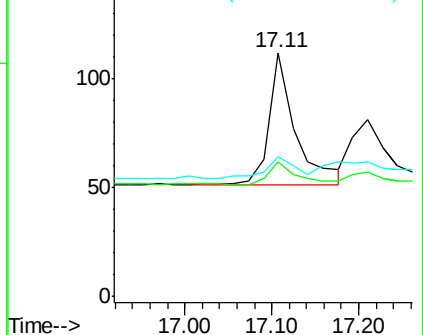
179 57.1 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.02 ng/ul

RT: 17.21 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

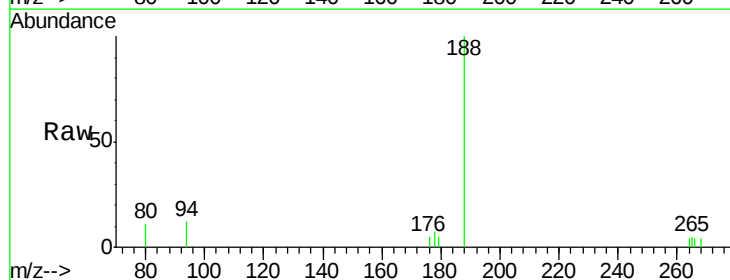
Tgt Ion:178 Resp: 83

Ion Ratio Lower Upper

178 100

176 70.4 18.1 27.1#

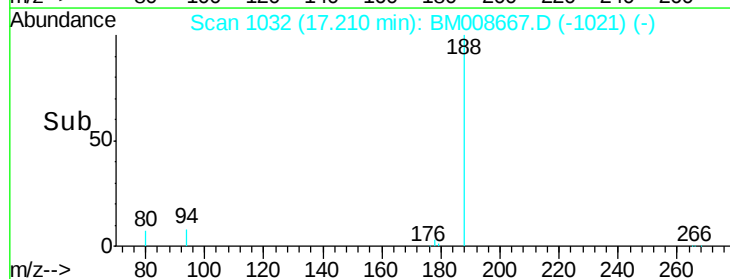
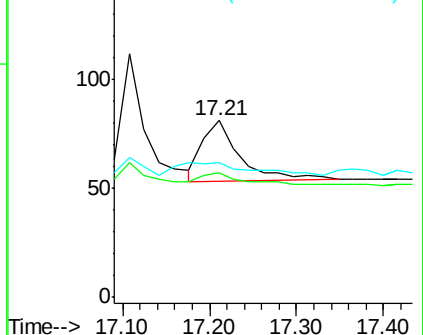
179 76.5 14.7 22.1#

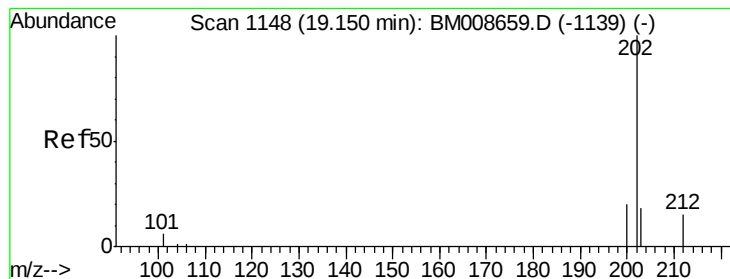


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.16 ng/ul

RT: 19.14 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

Instrument :

BNA_M

ClientSampleId :

DA7J8DL

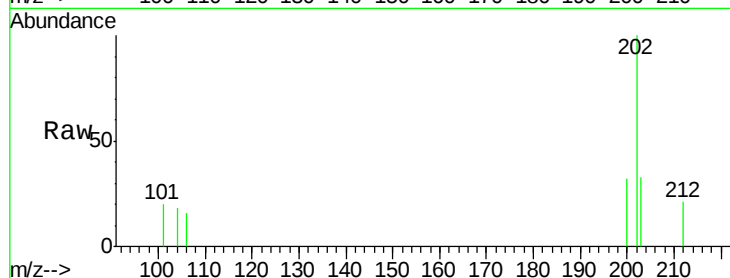
Tgt Ion:202 Resp: 770

Ion Ratio Lower Upper

202 100

101 20.5 0.0 30.3

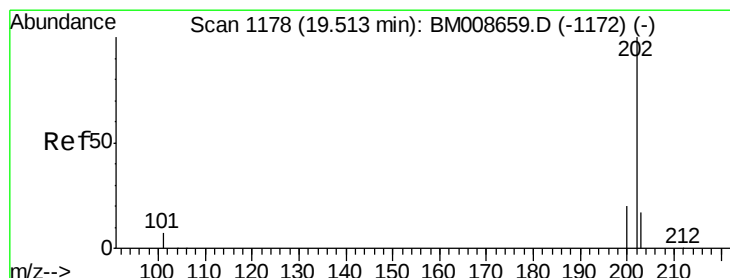
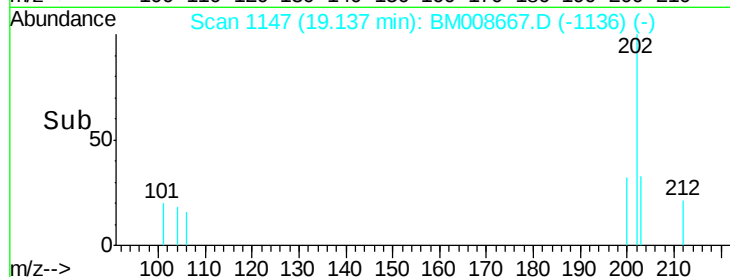
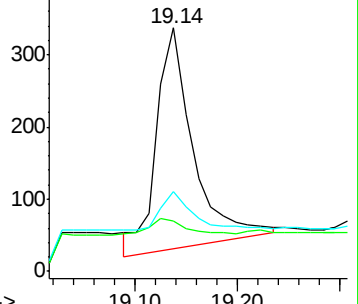
203 32.9 0.0 39.5



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: 0.13 ng/ul

RT: 19.49 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

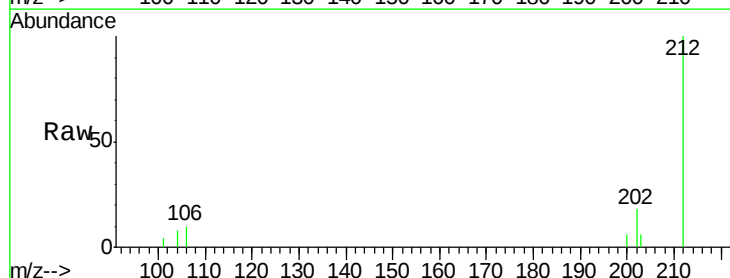
Tgt Ion:202 Resp: 719

Ion Ratio Lower Upper

202 100

200 32.2 18.2 27.4#

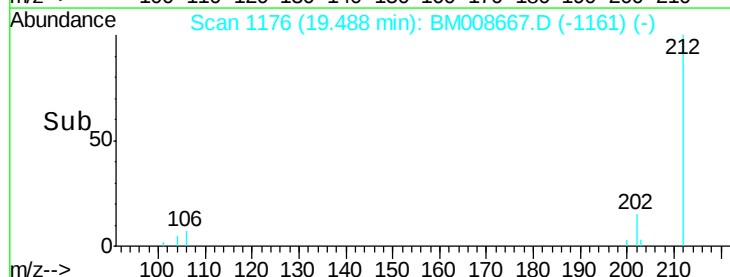
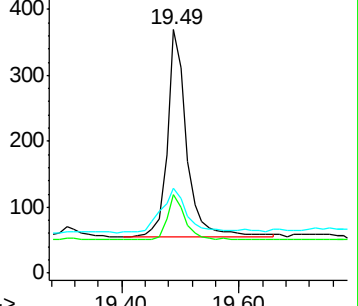
203 35.0 15.6 23.4#

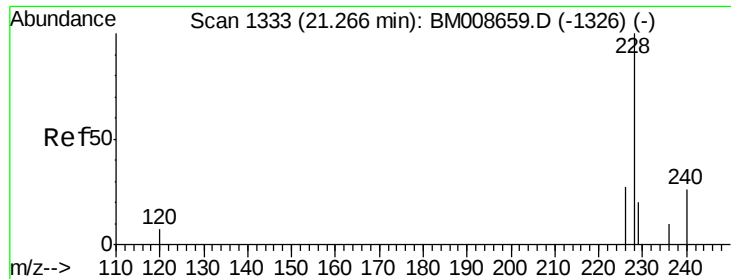


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.12 ng/ul

RT: 21.27 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

Instrument :

BNA_M

ClientSampleId :

DA7J8DL

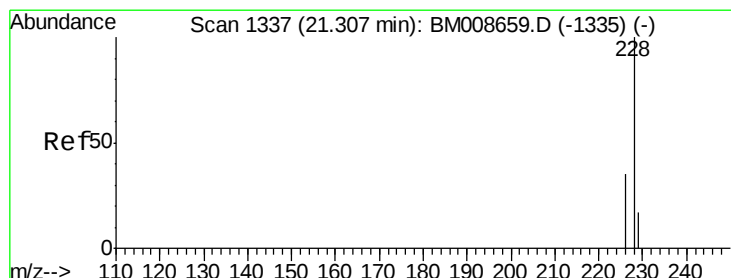
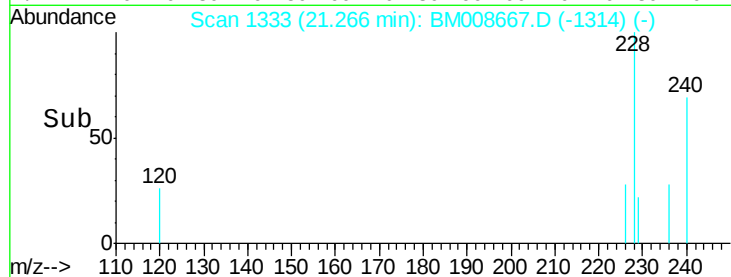
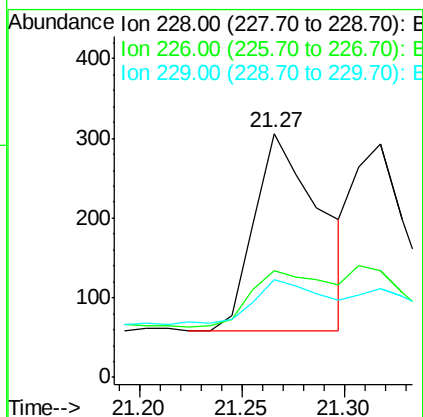
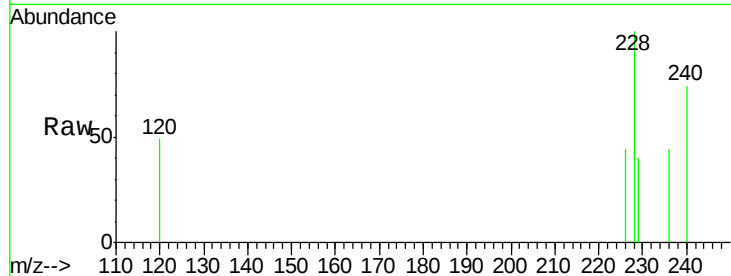
Tgt Ion:228 Resp: 554

Ion Ratio Lower Upper

228 100

226 43.8 22.8 34.2#

229 39.9 17.0 25.6#



#19

Chrysene

Concen: 0.09 ng/ul

RT: 21.32 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

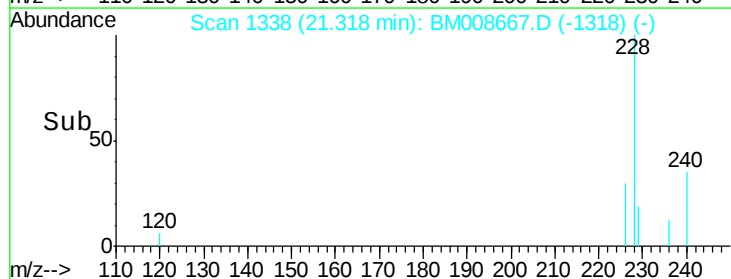
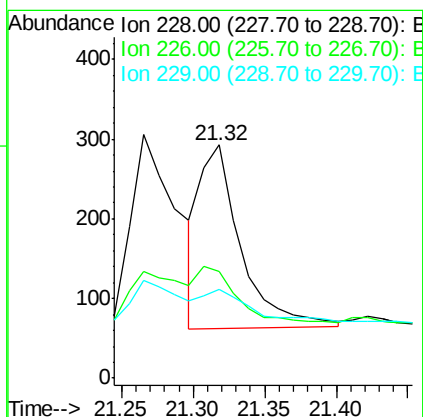
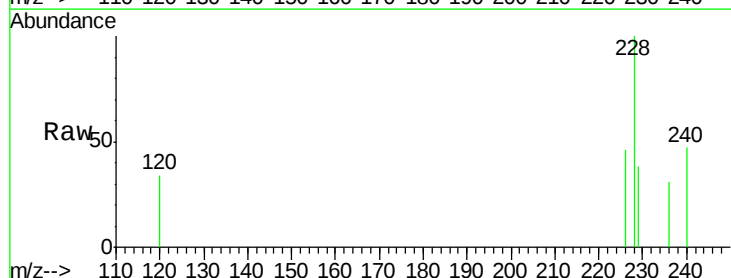
Tgt Ion:228 Resp: 463

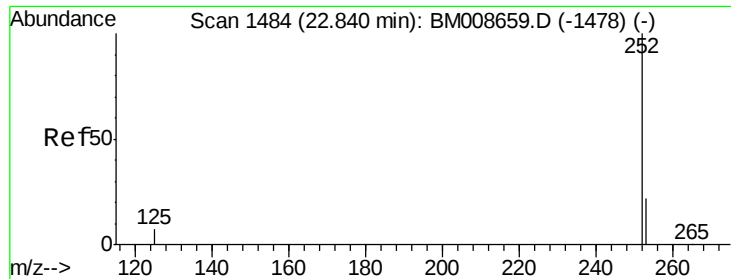
Ion Ratio Lower Upper

228 100

226 45.7 23.4 35.0#

229 38.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.14 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

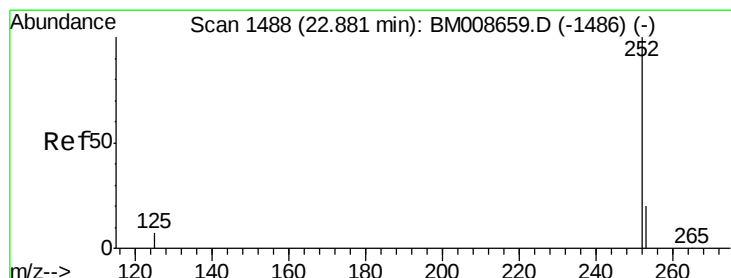
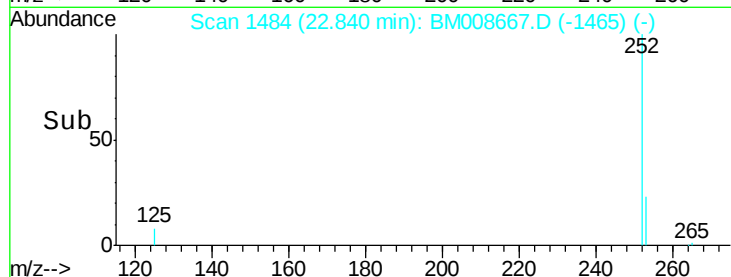
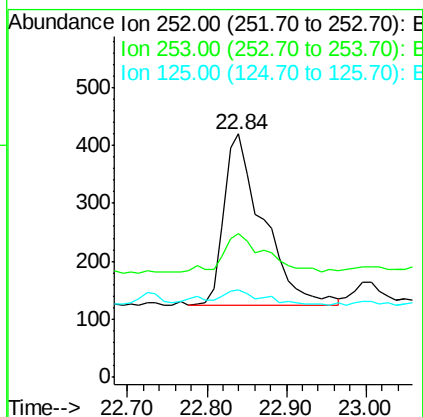
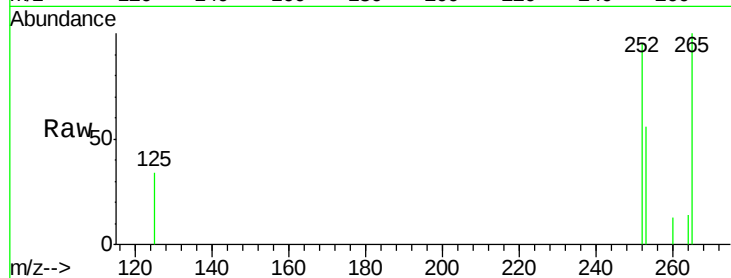
Instrument :

BNA_M

ClientSampleId :

DA7J8DL

Tgt Ion:	252	Resp:	1005
Ion Ratio	Lower	Upper	
252	100		
253	58.8	0.0	64.2
125	35.7	0.0	35.0#



#22

Benzo(k)fluoranthene

Concen: 0.14 ng/ul

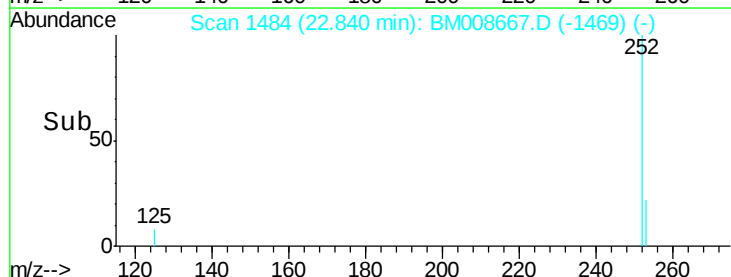
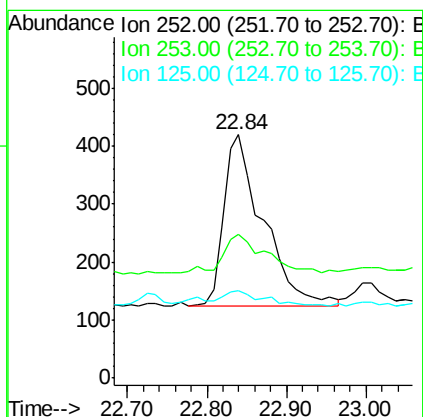
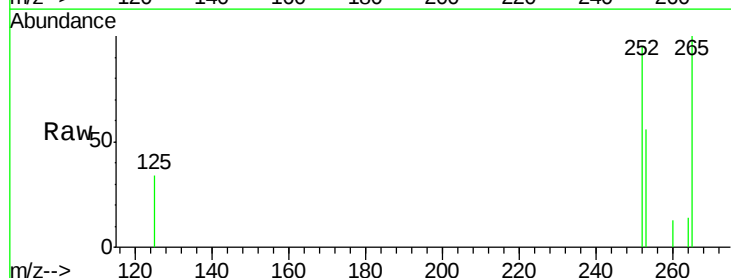
RT: 22.84 min Scan# 1484

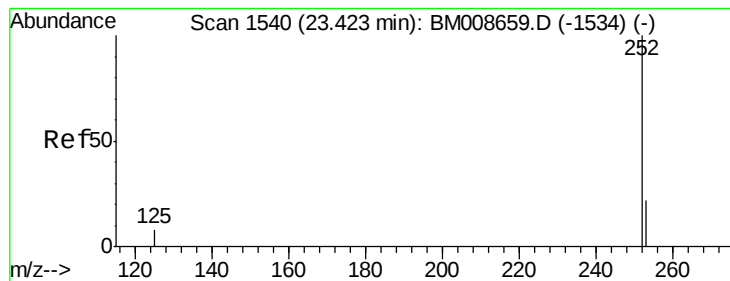
Delta R.T. -0.04 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

Tgt Ion:	252	Resp:	1005
Ion Ratio	Lower	Upper	
252	100		
253	58.8	24.5	36.7#
125	35.7	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.40 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

Instrument :

BNA_M

ClientSampleId :

DA7J8DL

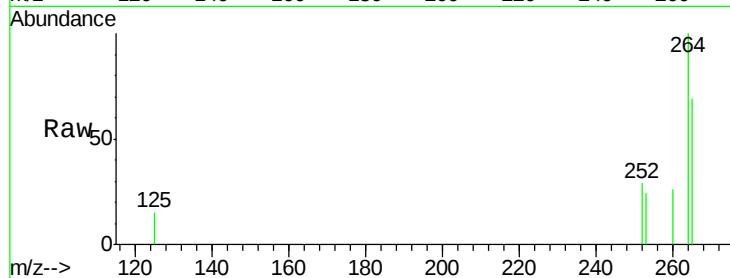
Tgt Ion: 252 Resp: 368

Ion Ratio Lower Upper

252 100

253 81.9 28.5 42.7#

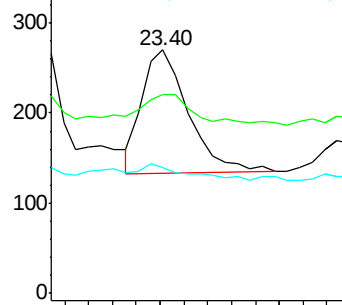
125 51.9 18.1 27.1#



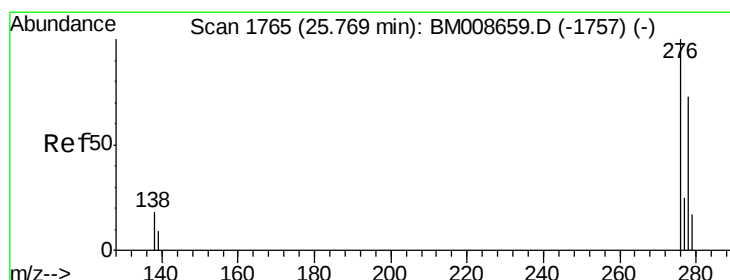
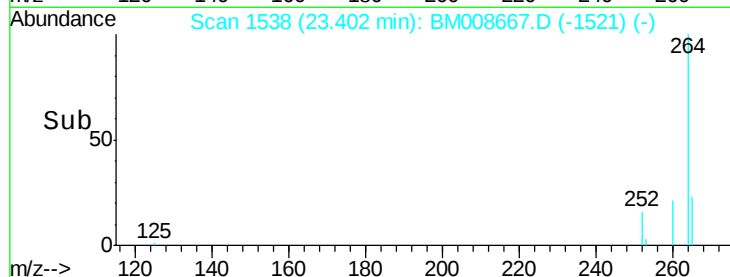
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.03 ng/ul

RT: 25.80 min Scan# 1768

Delta R.T. 0.03 min

Lab File: BM008667.D

Acq: 25 Dec 2016 12:33

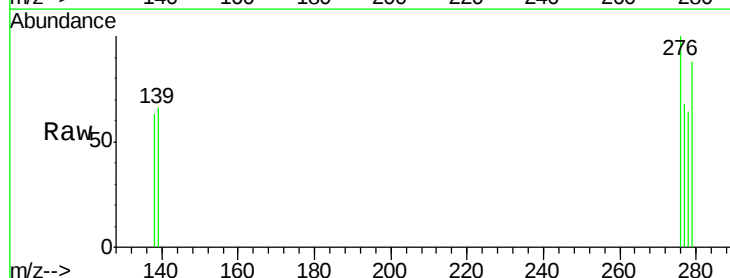
Tgt Ion: 276 Resp: 241

Ion Ratio Lower Upper

276 100

138 19.5 19.1 28.7

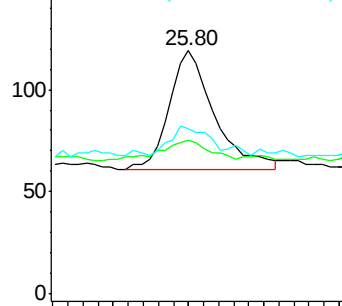
277 22.0 19.6 29.4



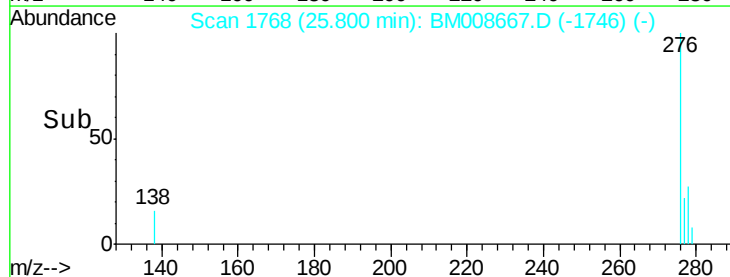
Abundance Ion 276.00 (275.70 to 276.70): E

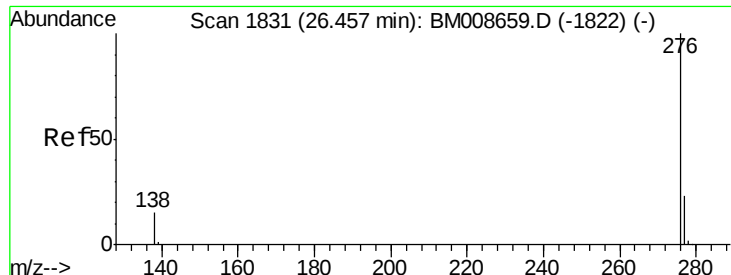
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 26.49 min Scan# 1834

Delta R.T. 0.03 min

Lab File: BM008667.D

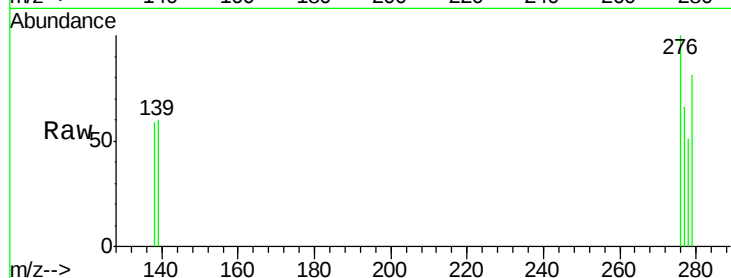
Acq: 25 Dec 2016 12:33

Instrument :

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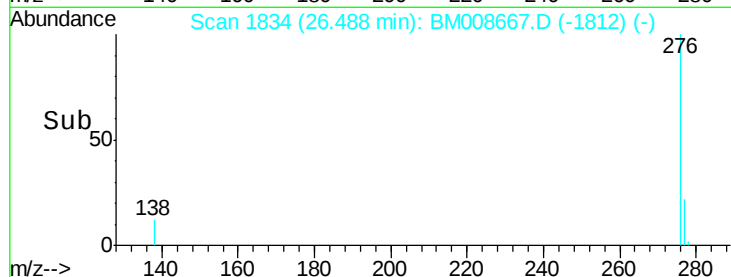
Tgt Ion: 276 Resp: 276

Ion Ratio Lower Upper

276 100

277 65.9 21.8 32.8#

138 58.7 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

