

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028708.D
 Acq On : 10 Feb 2021 17:30
 Operator : CG/JU
 Sample : M1310-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 23:36:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 14:28:04 2021
 Response via : Initial Calibration

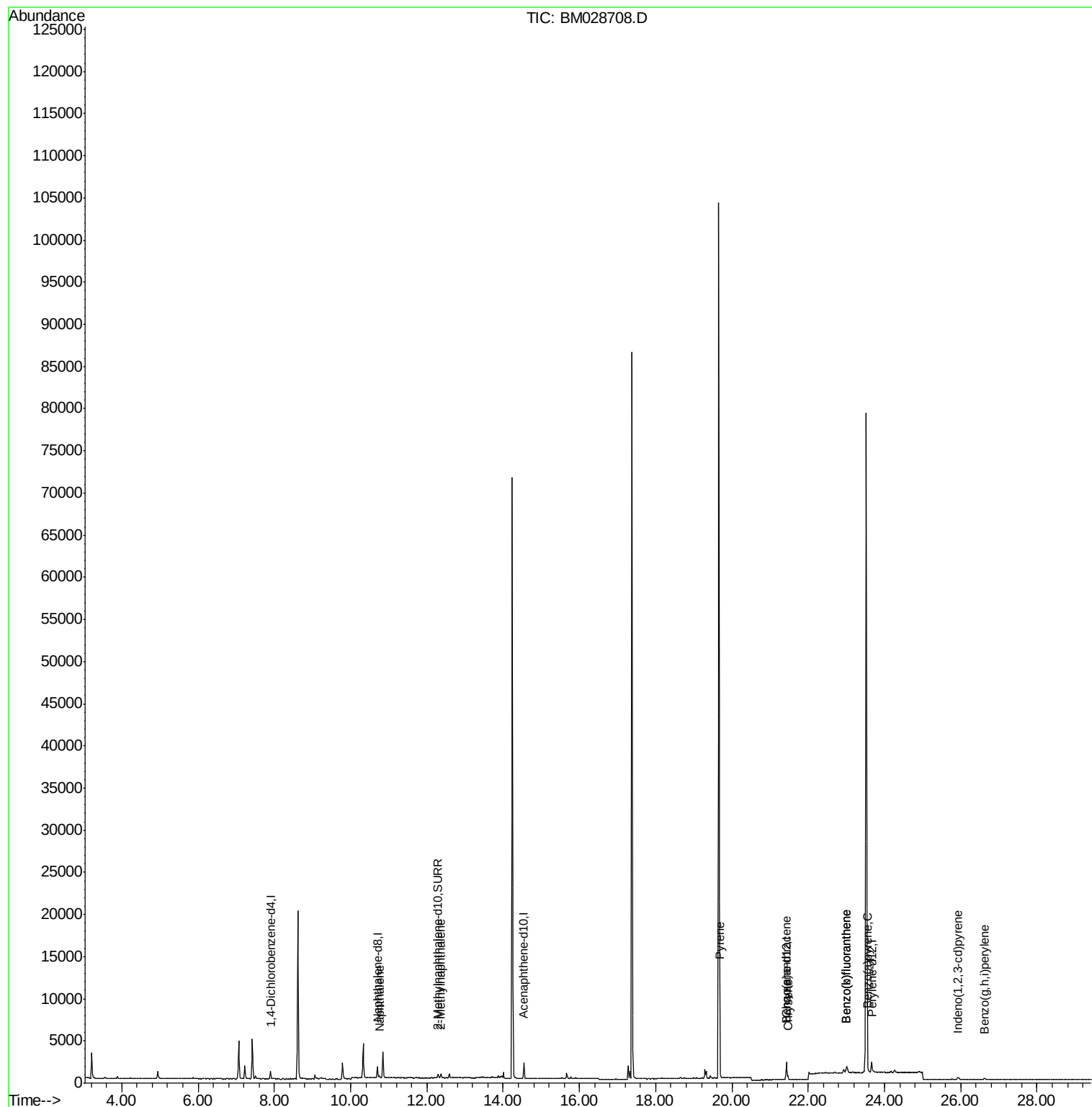
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1005	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.28
16) Chrysene-d12	21.43	240	1689	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	592	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1140	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	317	0.069	ng/ul#	64
5) 2-Methylnaphthalene	12.37	142	372	0.121	ng/ul	98
17) Pyrene	19.68	202	761	0.124	ng/ul#	76
18) Benzo(a)anthracene	21.41	228	328	0.057	ng/ul#	71
19) Chrysene	21.46	228	533	0.093	ng/ul#	78
21) Benzo(b)fluoranthene	22.99	252	704	0.121	ng/ul#	22
22) Benzo(k)fluoranthene	22.99	252	704	0.122	ng/ul#	21
23) Benzo(a)pyrene	23.56	252	304	0.059	ng/ul#	26
24) Indeno(1,2,3-cd)pyrene	25.93	276	246	0.037	ng/ul#	100
26) Benzo(g,h,i)perylene	26.62	276	218	0.039	ng/ul#	36

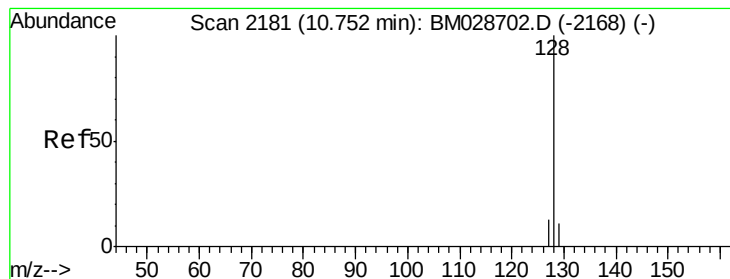
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.75 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

Instrument :

BNA_M

ClientSampleId :

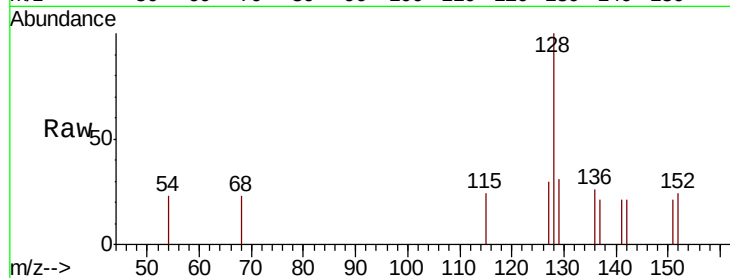
Tot Ion:128 Resp: 317

Ion Ratio Lower Upper

128 100

129 30.9 11.4 17.2#

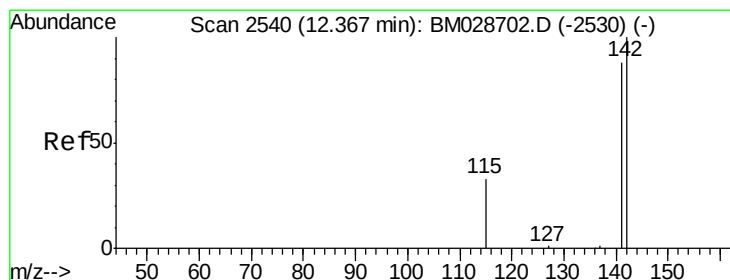
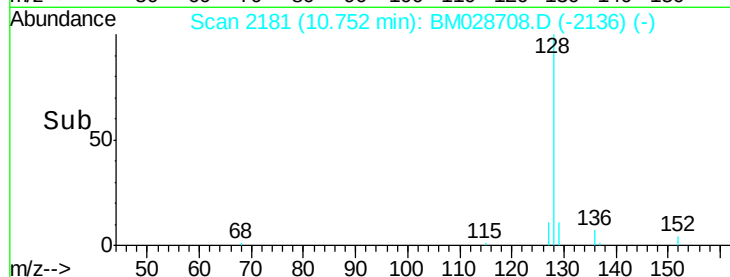
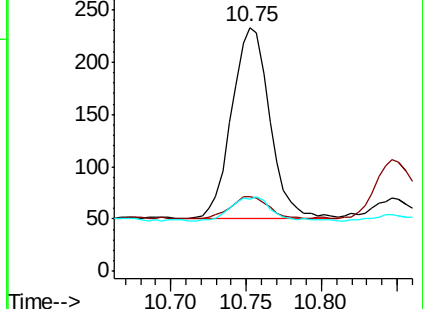
127 29.6 13.0 19.6#



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: 0.121 ng/ul

RT: 12.37 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BM028708.D

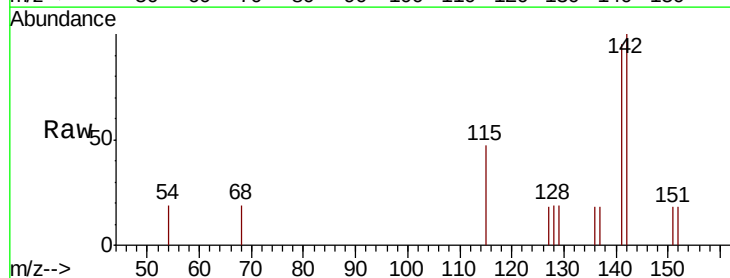
Acq: 10 Feb 2021 17:30

Tgt Ion:142 Resp: 372

Ion Ratio Lower Upper

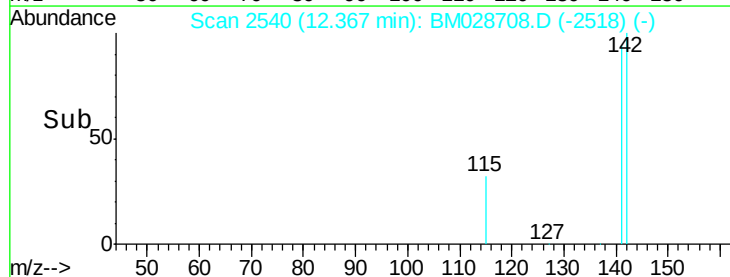
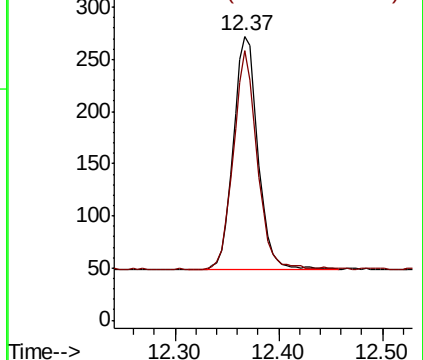
142 100

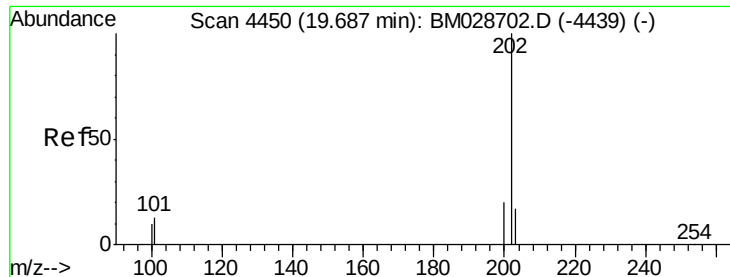
141 88.2 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 0.124 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

Instrument :

BNA_M

ClientSampleId :

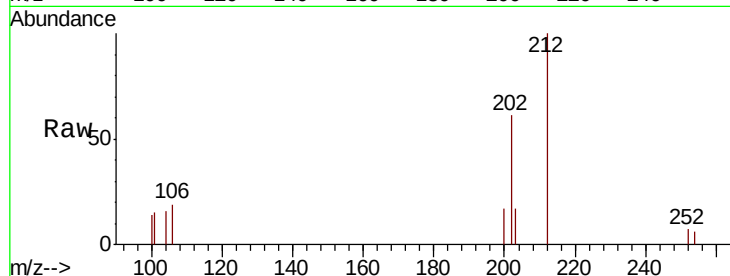
Tot Ion:202 Resp: 761

Ion Ratio Lower Upper

202 100

101 24.9 12.7 19.1#

100 23.3 10.2 15.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->

19.60 19.65 19.70 19.75

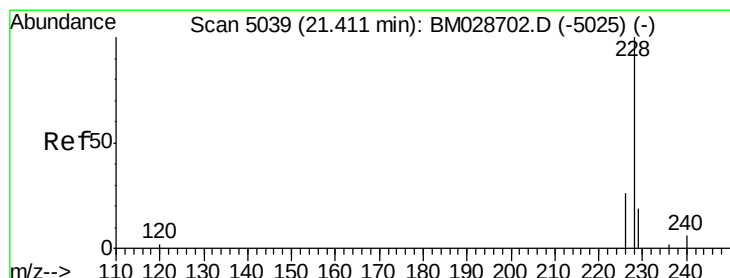
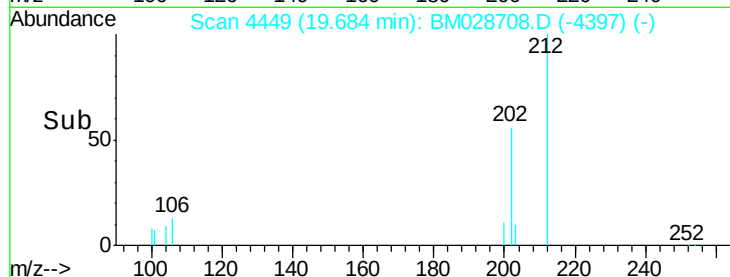
1500

1000

500

0

19.60 19.65 19.70 19.75



#18

Benzo(a)anthracene

Concen: 0.057 ng/ul

RT: 21.41 min Scan# 5039

Delta R.T. 0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

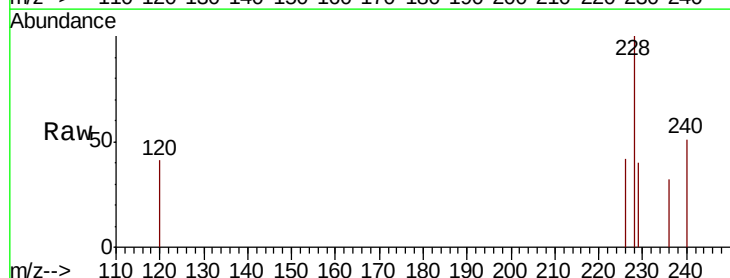
Tgt Ion:228 Resp: 328

Ion Ratio Lower Upper

228 100

229 40.1 18.9 28.3#

226 41.6 22.6 34.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

21.40

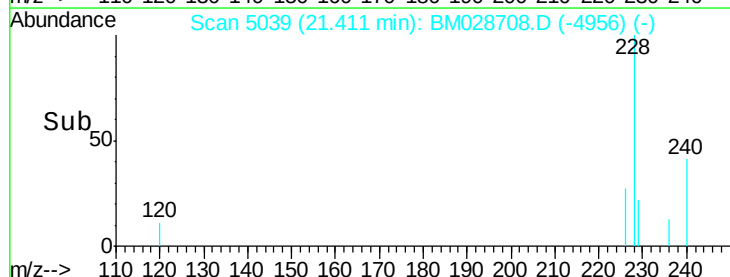
400

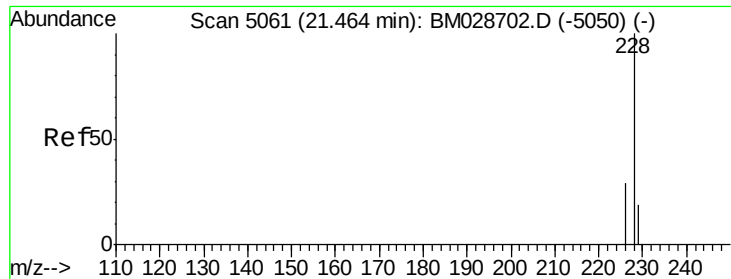
300

200

100

0





#19

Chrysene

Concen: 0.093 ng/ul

RT: 21.46 min Scan# 5061

Delta R.T. 0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

Instrument :

BNA_M

ClientSampled :

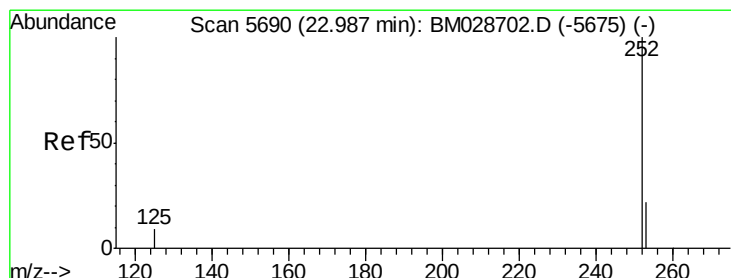
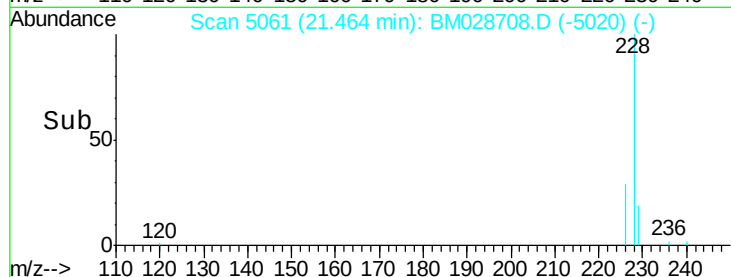
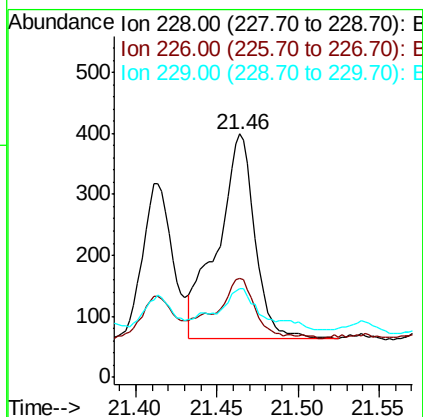
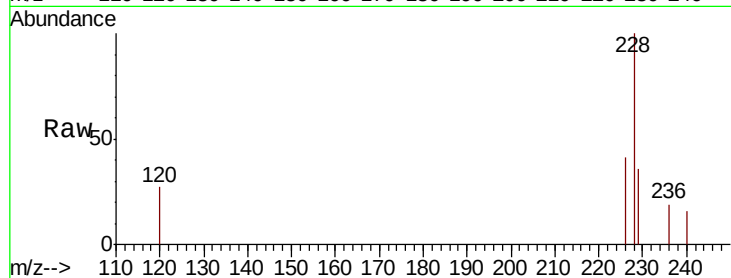
Tot Ion:228 Resp: 533

Ion Ratio Lower Upper

228 100

226 40.6 24.6 37.0#

229 36.3 18.8 28.2#



#21

Benzo(b)fluoranthene

Concen: 0.121 ng/ul

RT: 22.99 min Scan# 5691

Delta R.T. 0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

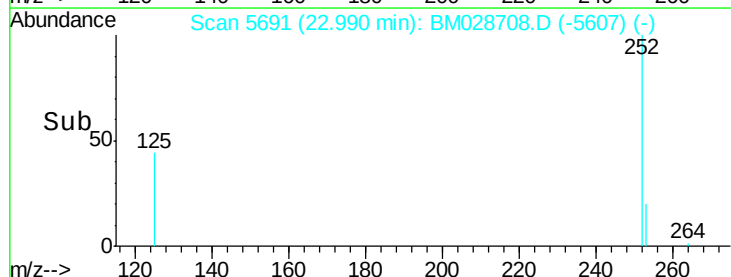
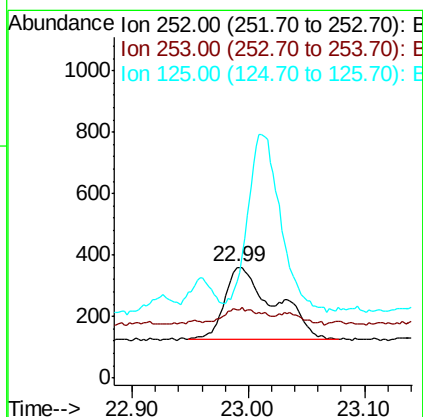
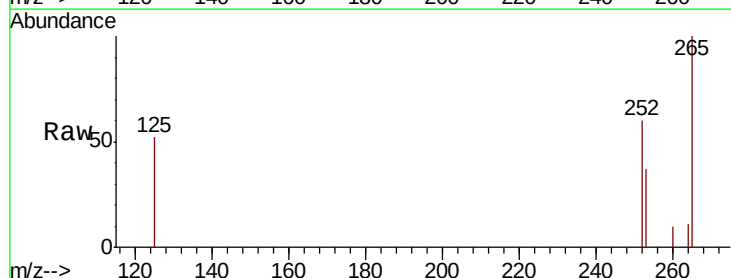
Tgt Ion:252 Resp: 704

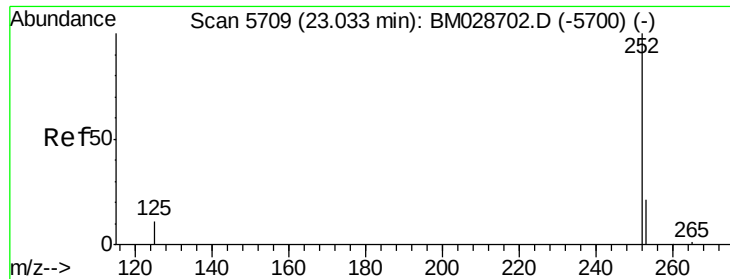
Ion Ratio Lower Upper

252 100

253 61.9 0.0 67.0

125 87.2 0.0 57.4#





#22

Benzo(k)fluoranthene

Concen: 0.122 ng/ul

RT: 22.99 min Scan# 5691

Delta R.T. -0.04 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

Instrument :

BNA_M

ClientSampleId :

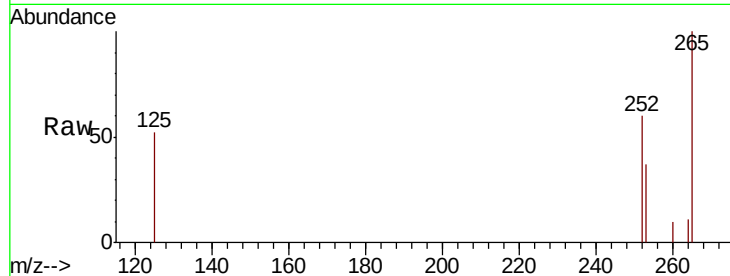
Tot Ion:252 Resp: 704

Ion Ratio Lower Upper

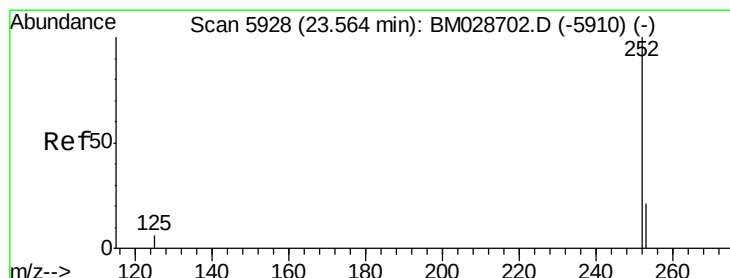
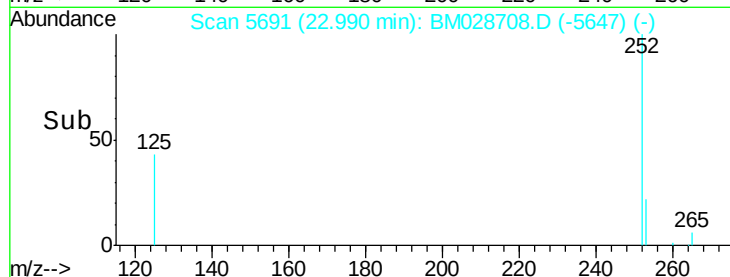
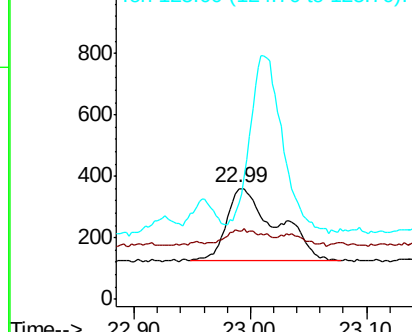
252 100

253 61.9 26.3 39.5#

125 87.2 22.9 34.3#



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: 0.059 ng/ul

RT: 23.56 min Scan# 5928

Delta R.T. 0.00 min

Lab File: BM028708.D

Acq: 10 Feb 2021 17:30

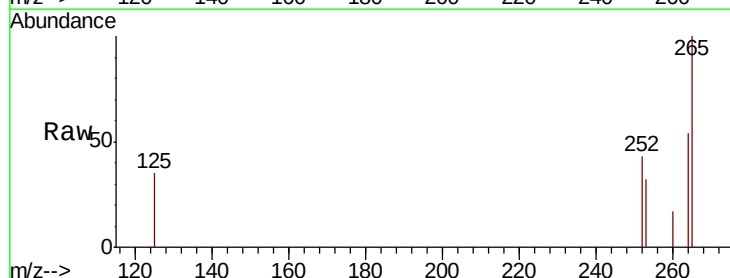
Tgt Ion:252 Resp: 304

Ion Ratio Lower Upper

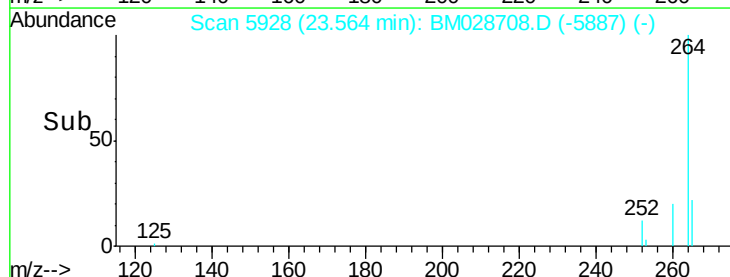
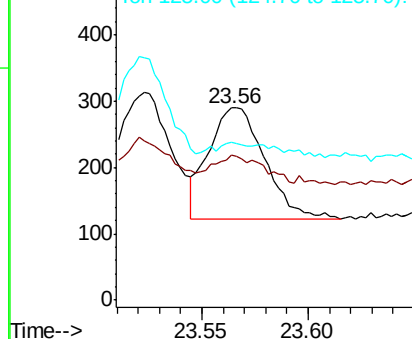
252 100

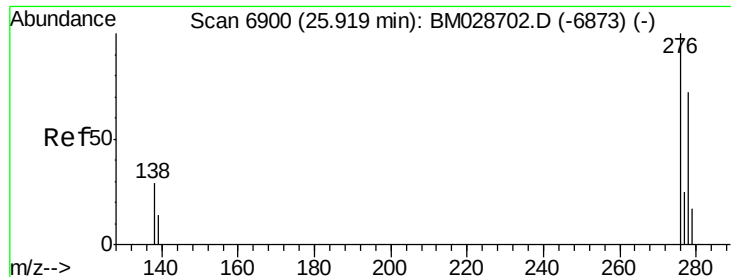
253 75.2 28.7 43.1#

125 82.1 27.9 41.9#



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



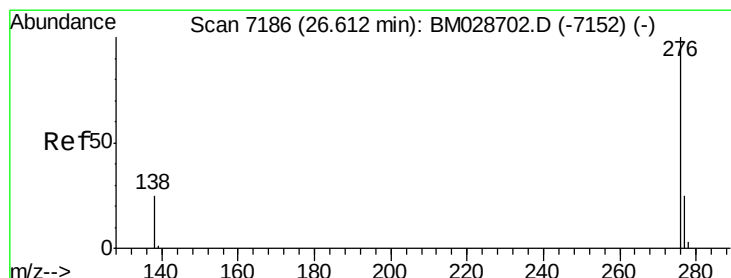
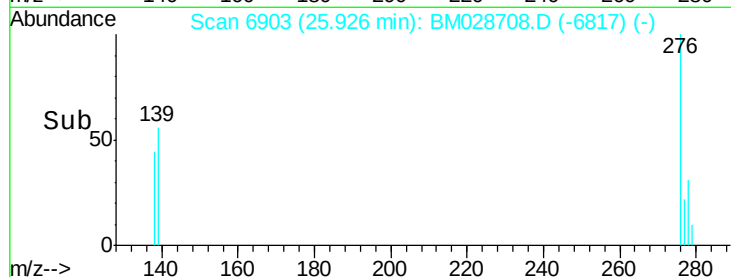
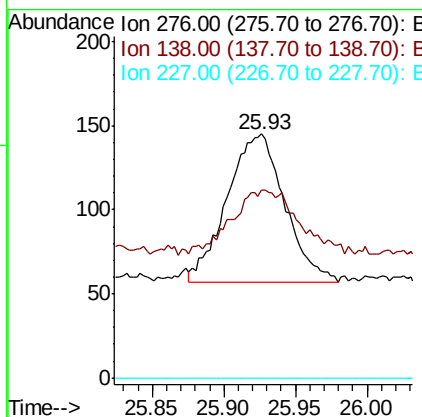
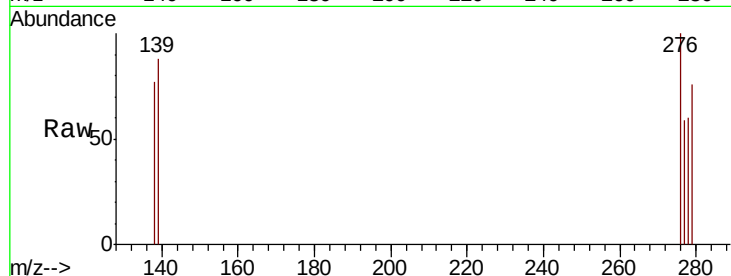


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.93 min Scan# 6903
Delta R.T. 0.01 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 246
Ion Ratio Lower Upper
276 100
138 50.4 0.0 0.0#
227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.62 min Scan# 7189
Delta R.T. 0.01 min
Lab File: BM028708.D
Acq: 10 Feb 2021 17:30

Tgt Ion:276 Resp: 218
Ion Ratio Lower Upper
276 100
138 70.3 25.4 38.2#
277 64.1 25.3 37.9#

