

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028710.D
 Acq On : 10 Feb 2021 18:42
 Operator : CG/JU
 Sample : M1310-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 23:36:27 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

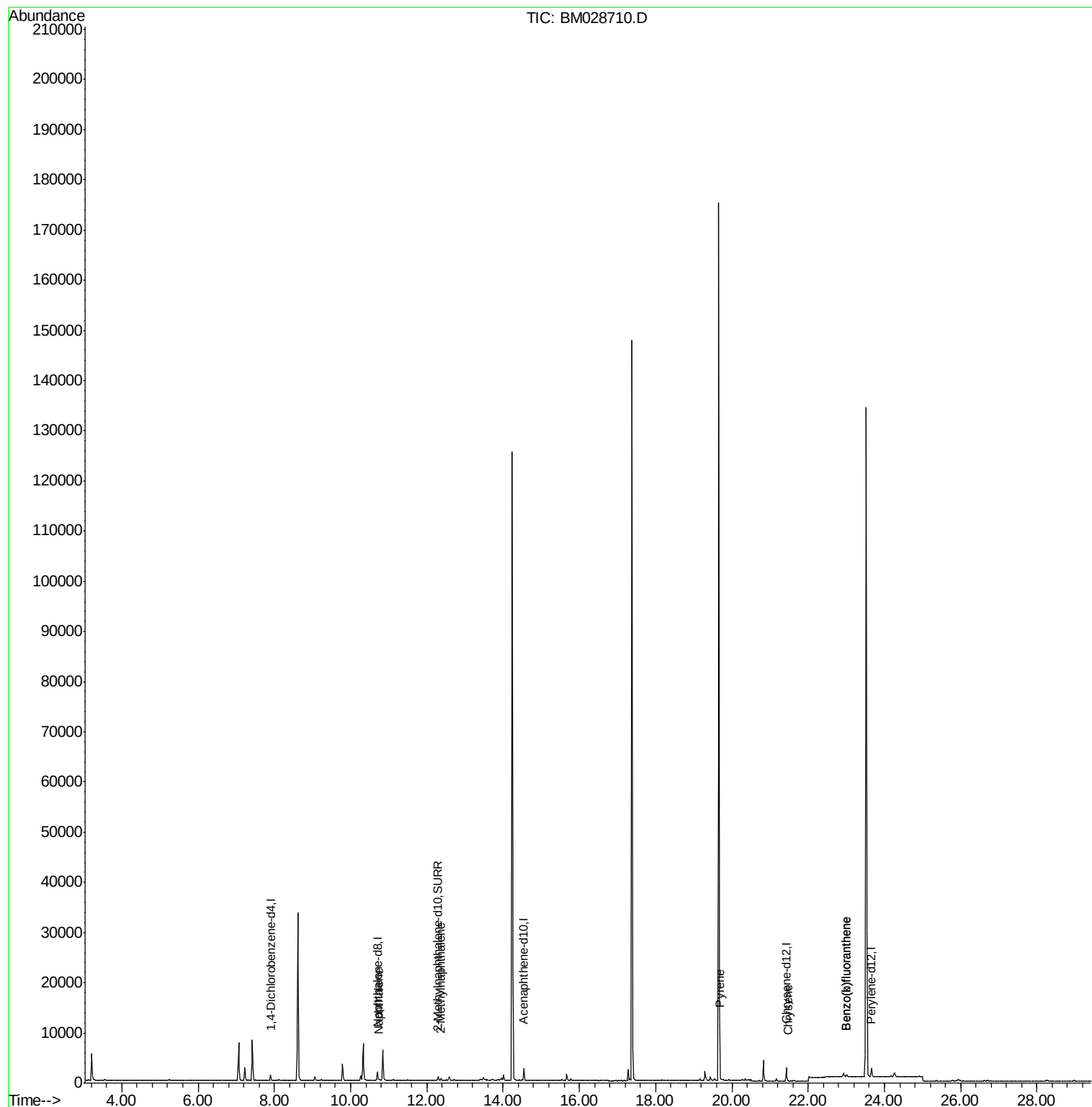
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	557	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2286	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1317	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.28
16) Chrysene-d12	21.43	240	2277	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	2204	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1021	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1939	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.75	128	212	0.037	ng/ul#	49
5) 2-Methylnaphthalene	12.37	142	264	0.069	ng/ul	98
17) Pyrene	19.69	202	222	0.027	ng/ul#	41
19) Chrysene	21.46	228	216	0.028	ng/ul#	57
21) Benzo(b)fluoranthene	22.99	252	155	0.021	ng/ul#	1
22) Benzo(k)fluoranthene	22.99	252	155	0.021	ng/ul#	1

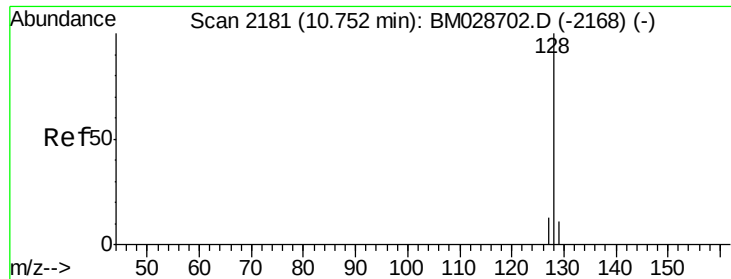
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.037 ng/ul

RT: 10.75 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BM028710.D

Acq: 10 Feb 2021 18:42

Instrument :

BNA_M

ClientSampled :

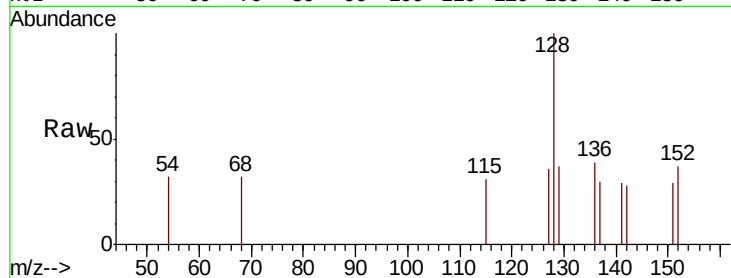
Tot Ion:128 Resp: 212

Ion Ratio Lower Upper

128 100

129 36.8 11.4 17.2#

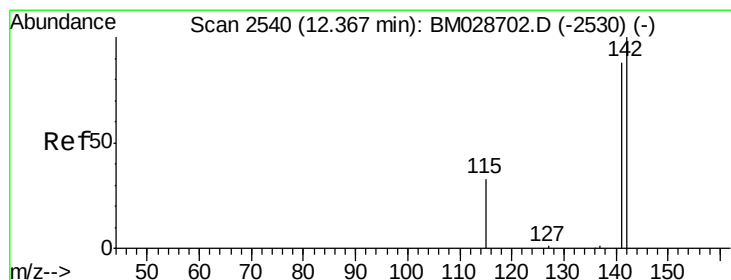
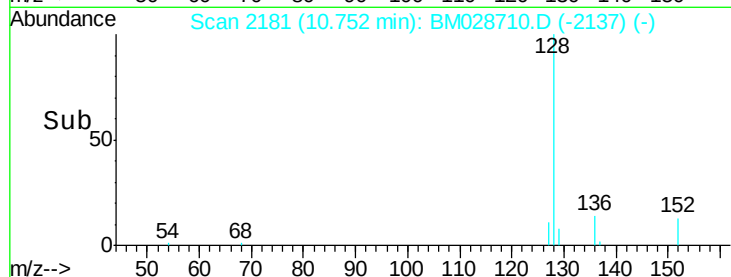
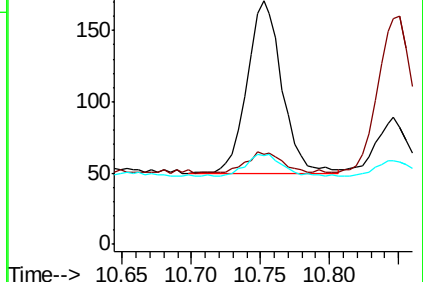
127 36.3 13.0 19.6#



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: 0.069 ng/ul

RT: 12.37 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BM028710.D

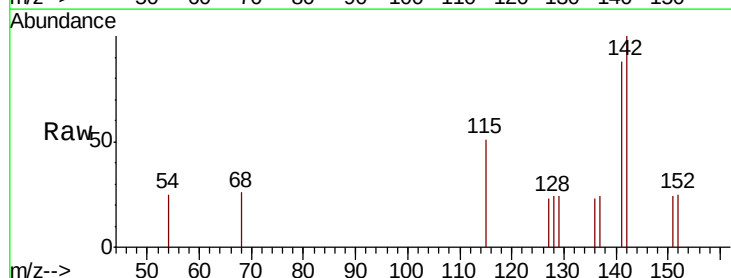
Acq: 10 Feb 2021 18:42

Tgt Ion:142 Resp: 264

Ion Ratio Lower Upper

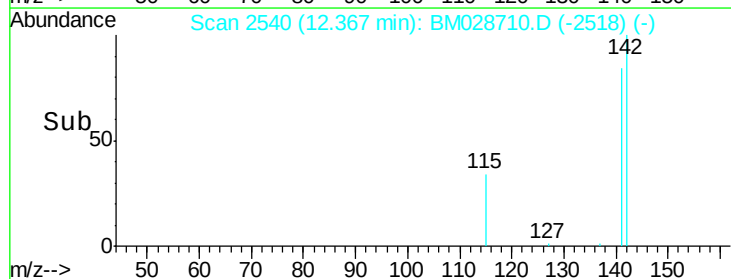
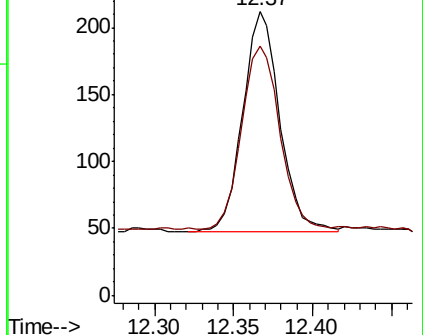
142 100

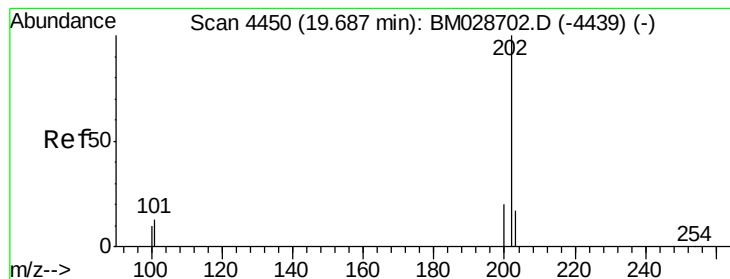
141 88.6 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pvrene

Concen: 0.027 ng/ul

RT: 19.69 min Scan# 4450

Delta R.T. -0.00 min

Lab File: BM028710.D

Acq: 10 Feb 2021 18:42

Instrument :

BNA_M

ClientSampleId :

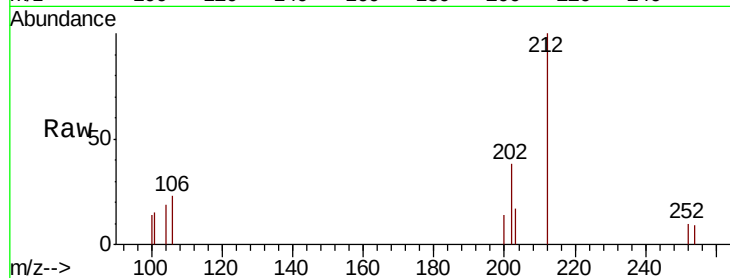
Tot Ion:202 Resp: 222

Ion Ratio Lower Upper

202 100

101 40.0 12.7 19.1#

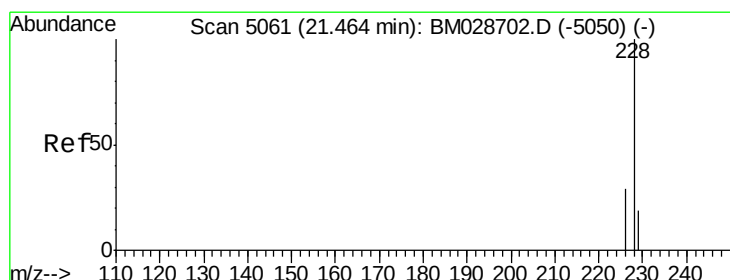
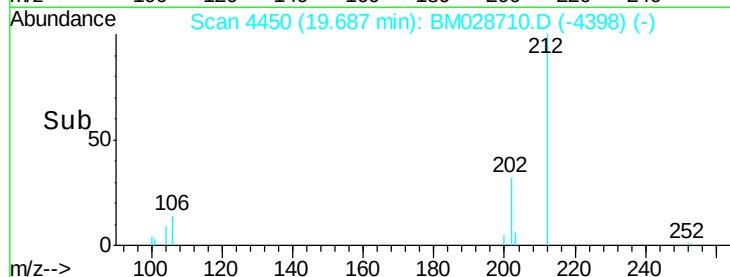
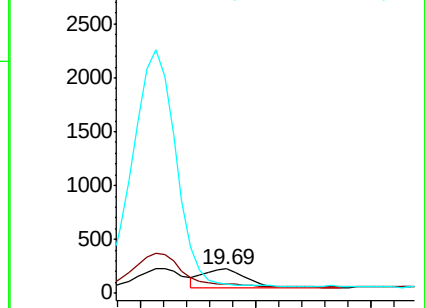
100 36.9 10.2 15.4#



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): B



#19

Chrysene

Concen: 0.028 ng/ul

RT: 21.46 min Scan# 5061

Delta R.T. -0.00 min

Lab File: BM028710.D

Acq: 10 Feb 2021 18:42

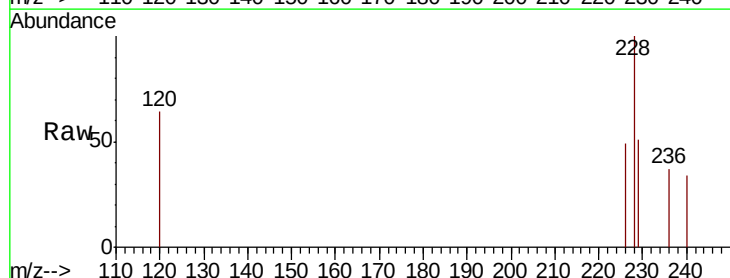
Tgt Ion:228 Resp: 216

Ion Ratio Lower Upper

228 100

226 49.0 24.6 37.0#

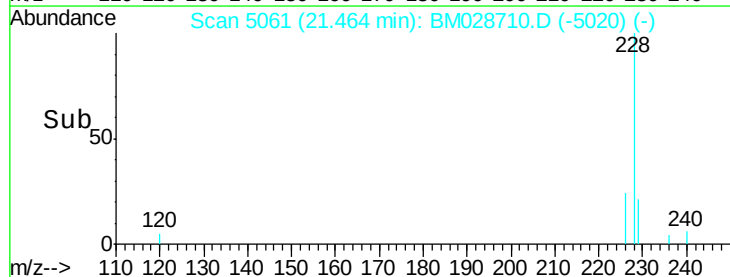
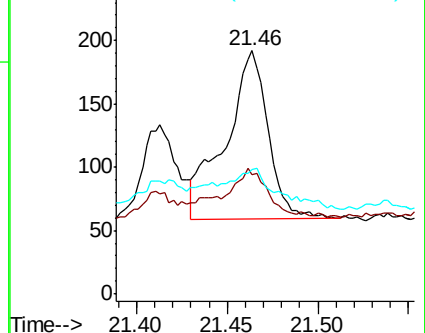
229 51.0 18.8 28.2#

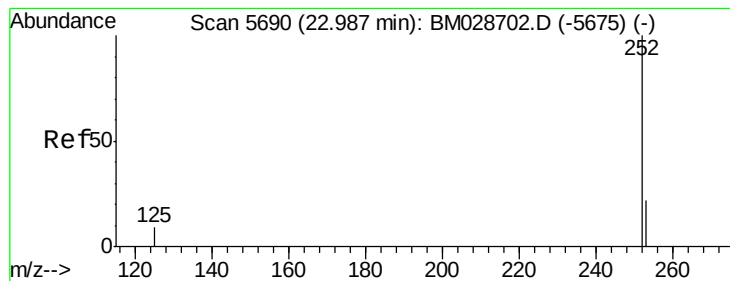


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.021 ng/ul

RT: 22.99 min Scan# 5693

Delta R.T. 0.01 min

Lab File: BM028710.D

Acq: 10 Feb 2021 18:42

Instrument :

BNA_M

ClientSampleId :

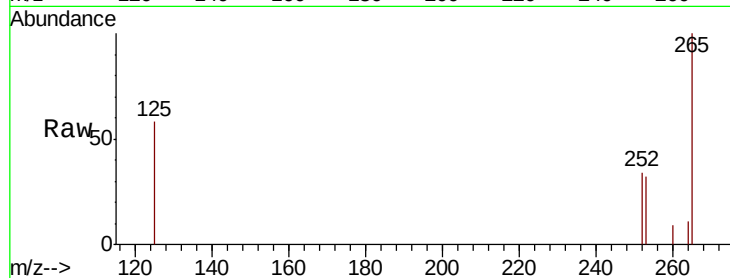
Tot Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 95.1 0.0 67.0#

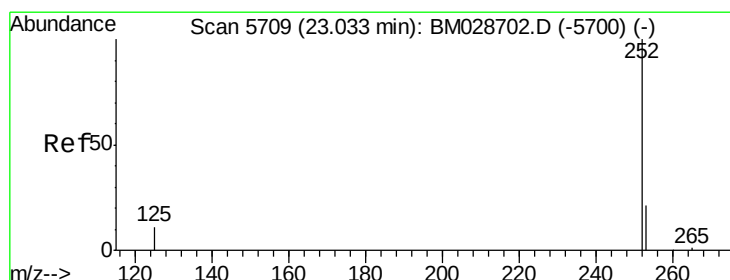
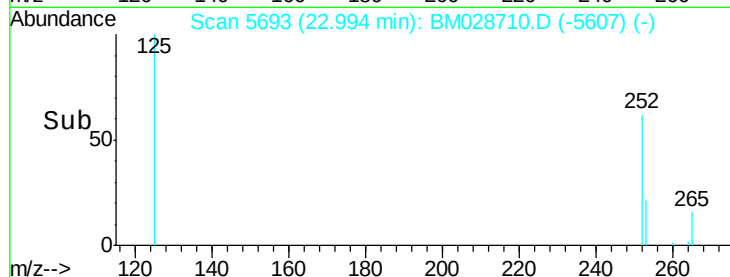
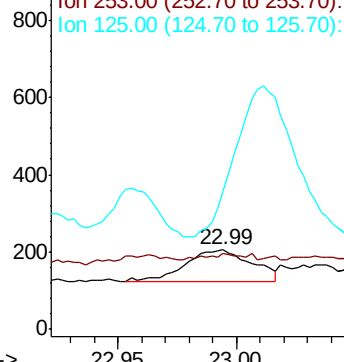
125 173.7 0.0 57.4#



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: 0.021 ng/ul

RT: 22.99 min Scan# 5693

Delta R.T. -0.04 min

Lab File: BM028710.D

Acq: 10 Feb 2021 18:42

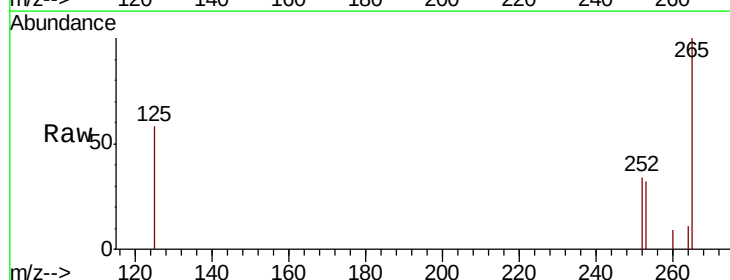
Tgt Ion:252 Resp: 155

Ion Ratio Lower Upper

252 100

253 95.1 26.3 39.5#

125 173.7 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

