

Data File : BM027619.D
Acq On : 05 Oct 2020 23:25
Operator : JU/CG
Sample : L4184-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AP0

Quant Time: Oct 06 01:26:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1071	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	4699	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	3545	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.17
16) Chrysene-d12	21.34	240	9529	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	10293	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	2034	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	6413	0.00	ng/ul	0.00

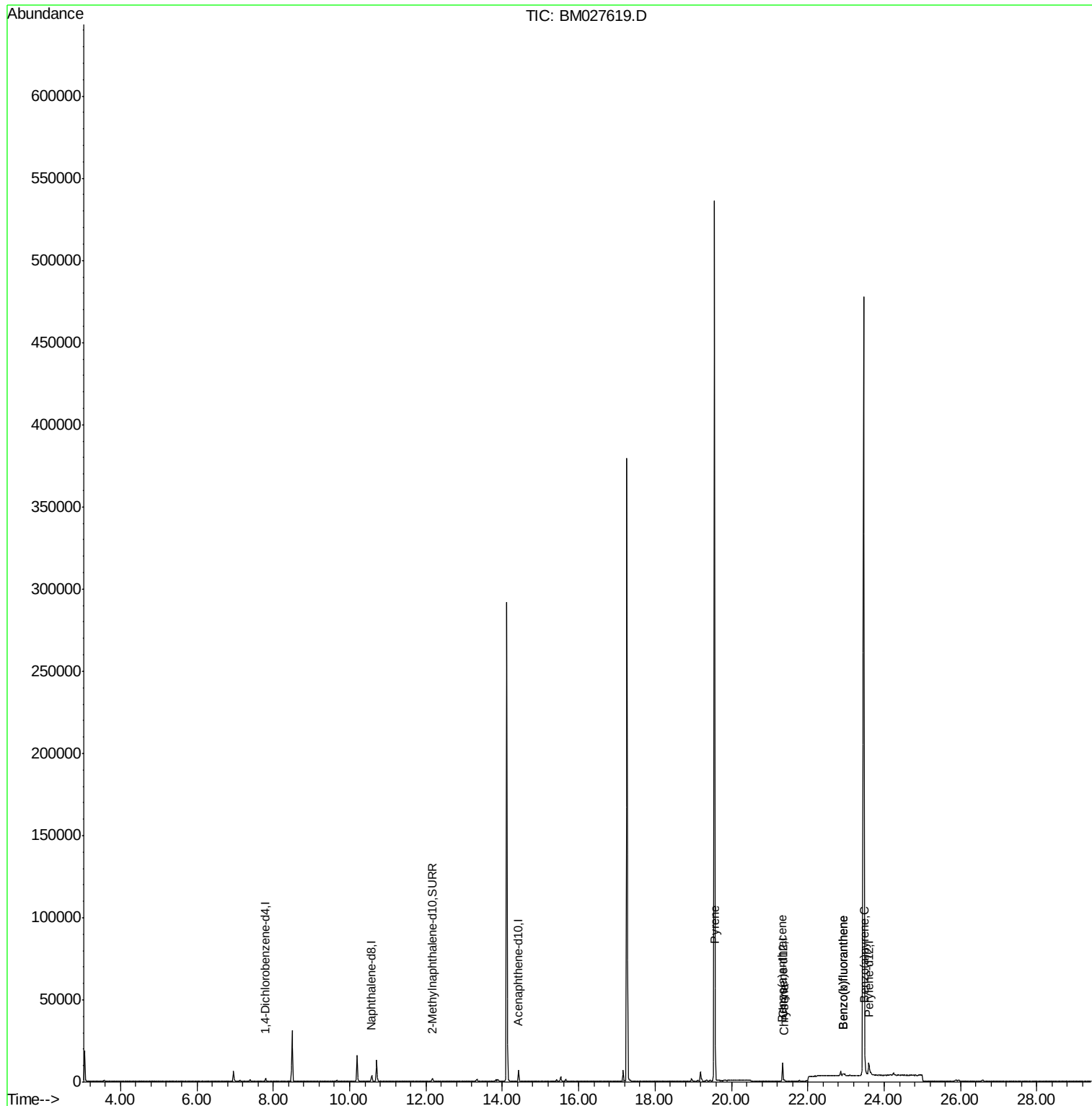
Target Compounds				Qvalue		
17) Pyrene	19.58	202	1109	0.026	ng/ul#	75
18) Benzo(a)anthracene	21.33	228	799	0.021	ng/ul#	71
19) Chrysene	21.38	228	930	0.024	ng/ul#	80
21) Benzo(b)fluoranthene	22.92	252	1986	0.048	ng/ul#	4
22) Benzo(k)fluoranthene	22.92	252	1986	0.046	ng/ul#	4
23) Benzo(a)pyrene	23.50	252	853	0.023	ng/ul#	1

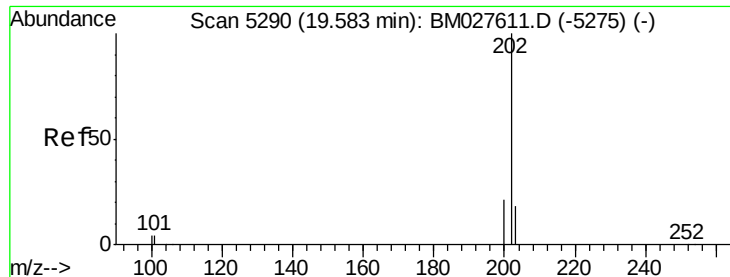
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.026 ng/ul

RT: 19.58 min Scan# 5290

Delta R.T. -0.00 min

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C0AP0

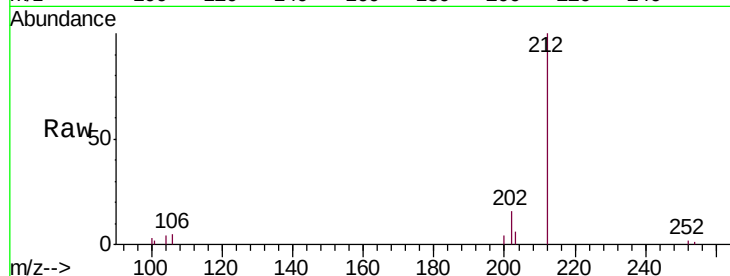
Tgt Ion:202 Resp: 1109

Ion Ratio Lower Upper

202 100

101 11.5 4.7 7.1#

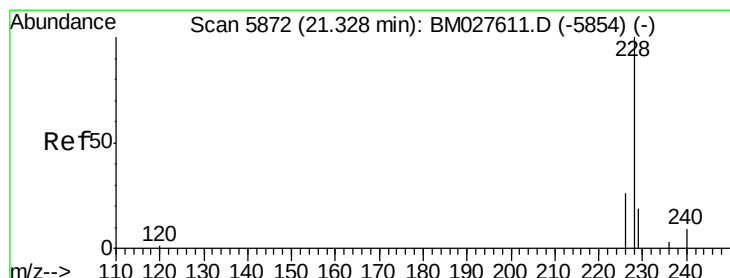
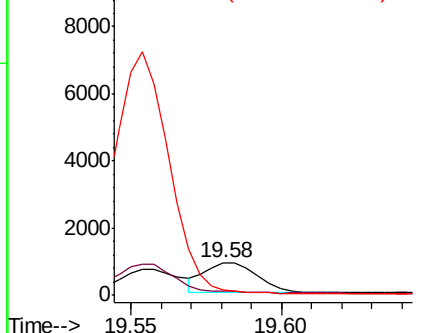
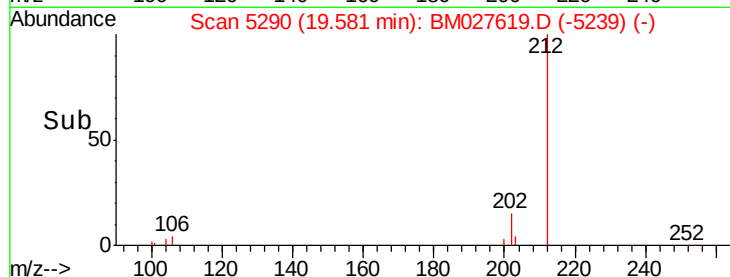
100 16.9 3.9 5.9#



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



#18

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.33 min Scan# 5872

Delta R.T. -0.00 min

Lab File: BM027619.D

Acq: 05 Oct 2020 23:25

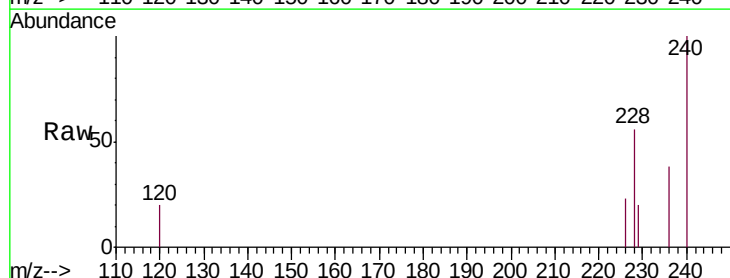
Tgt Ion:228 Resp: 799

Ion Ratio Lower Upper

228 100

229 35.0 15.6 23.4#

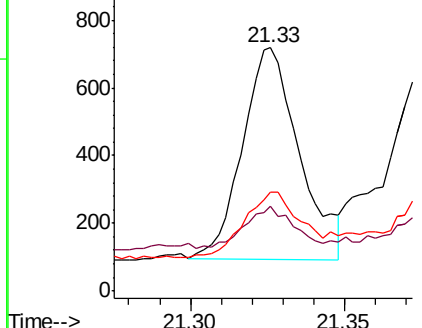
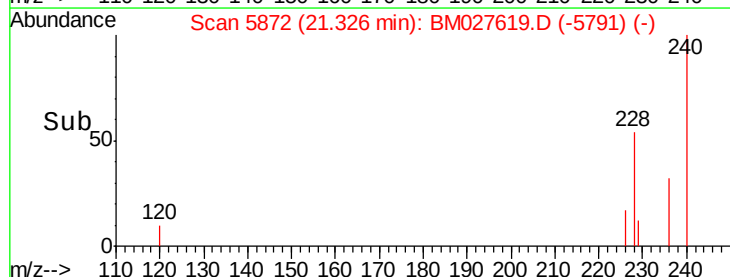
226 40.9 21.8 32.8#

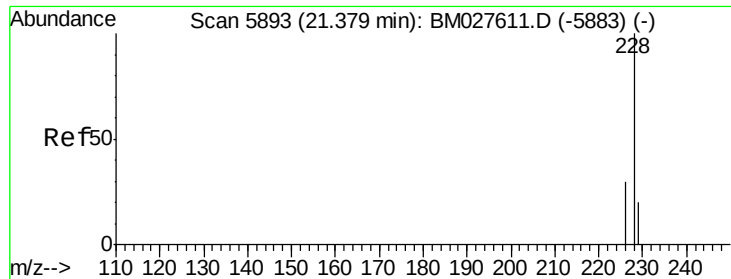


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.024 ng/ul

RT: 21.38 min Scan# 5893

Delta R.T. -0.00 min

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C0AP0

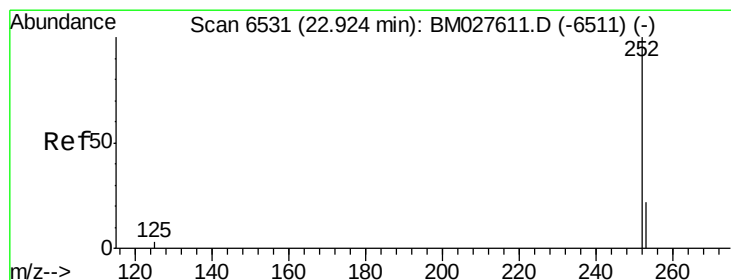
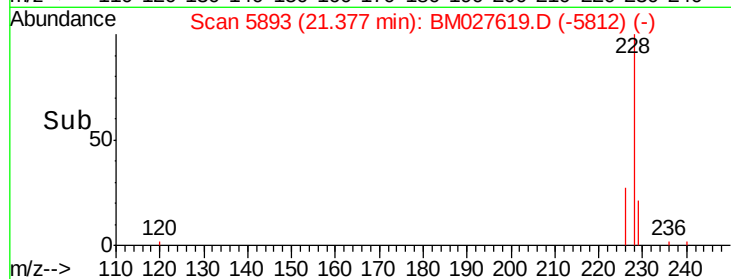
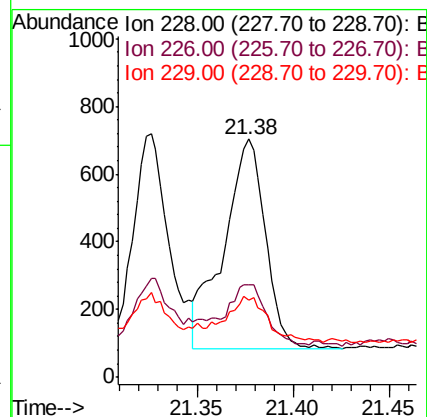
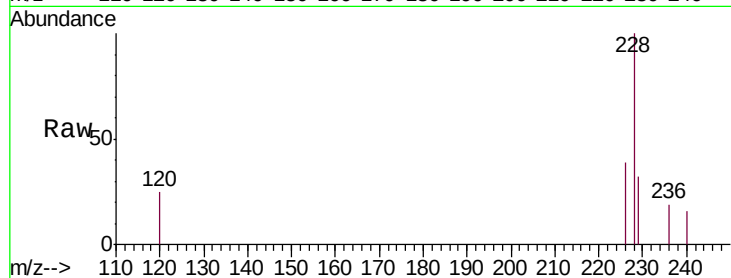
Tgt Ion:228 Resp: 930

Ion Ratio Lower Upper

228 100

226 38.6 24.2 36.4#

229 32.2 15.8 23.8#



#21

Benzo(b)fluoranthene

Concen: 0.048 ng/ul

RT: 22.92 min Scan# 6531

Delta R.T. -0.00 min

Lab File: BM027619.D

Acq: 05 Oct 2020 23:25

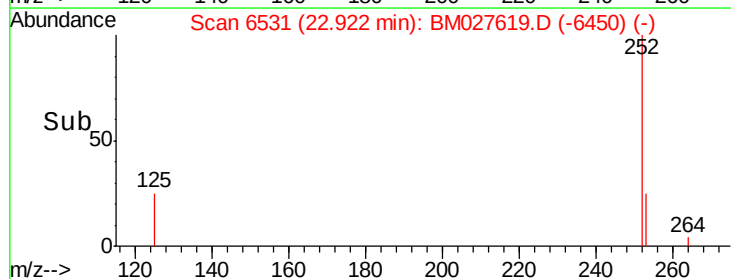
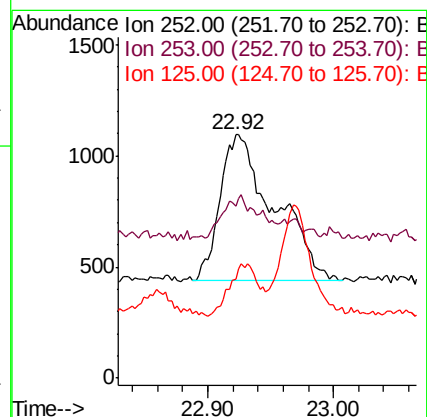
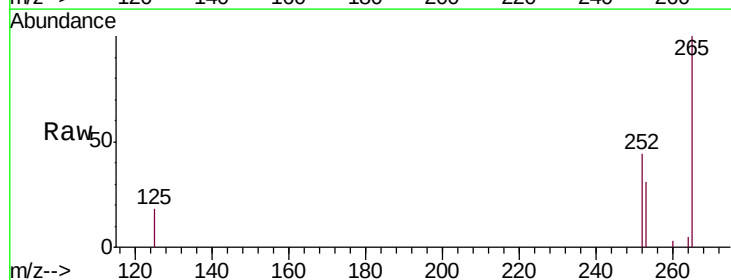
Tgt Ion:252 Resp: 1986

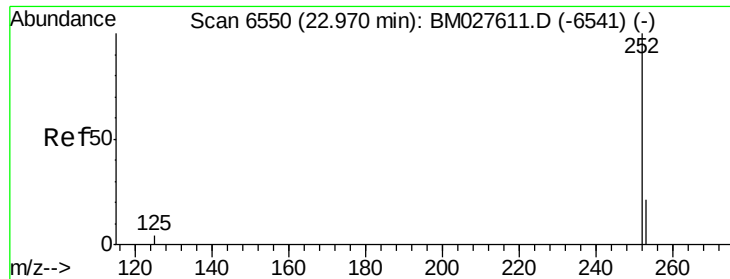
Ion Ratio Lower Upper

252 100

253 70.5 0.0 48.2#

125 40.8 0.0 10.6#





#22

Benzo(k)fluoranthene

Concen: 0.046 ng/ul

RT: 22.92 min Scan# 6531

Delta R.T. -0.05 min

Lab File: BM027619.D

Acq: 05 Oct 2020 23:25

Instrument :

BNA_M

ClientSampleId :

C0AP0

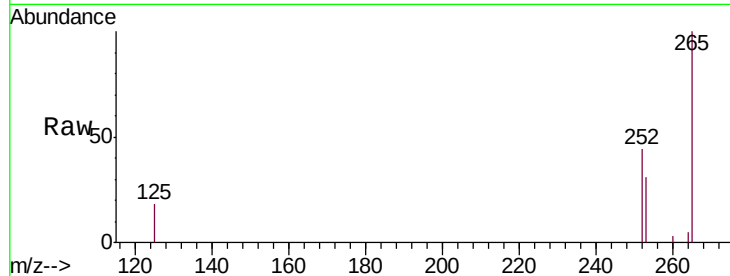
Tgt Ion: 252 Resp: 1986

Ion Ratio Lower Upper

252 100

253 70.5 19.1 28.7#

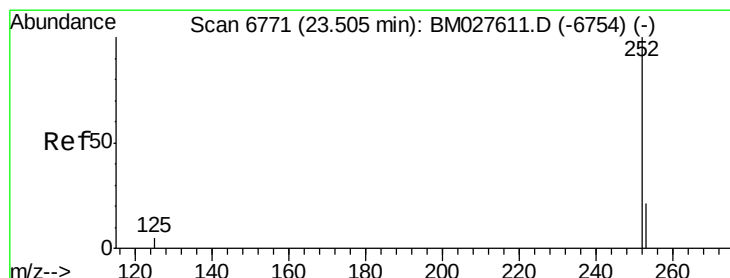
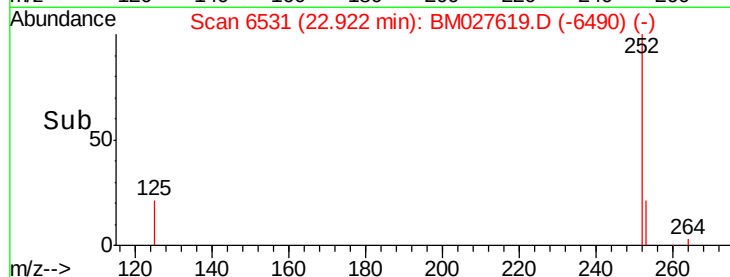
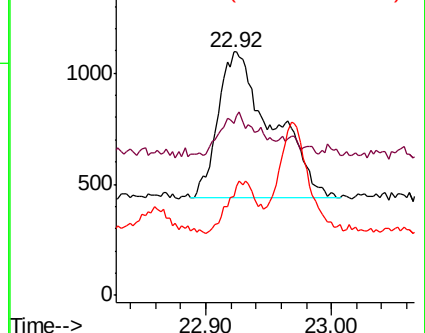
125 40.8 5.0 7.4#



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



#23

Benzo(a)pyrene

Concen: 0.023 ng/ul

RT: 23.50 min Scan# 6770

Delta R.T. -0.01 min

Lab File: BM027619.D

Acq: 05 Oct 2020 23:25

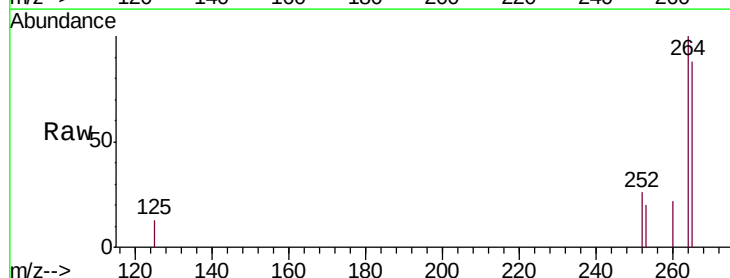
Tgt Ion: 252 Resp: 853

Ion Ratio Lower Upper

252 100

253 78.3 19.6 29.4#

125 49.3 5.0 7.6#



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

