

Data File : BM025236.D
Acq On : 04 Mar 2020 06:16
Operator : CG/JU
Sample : L1516-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD79

Quant Time: Mar 04 08:04:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

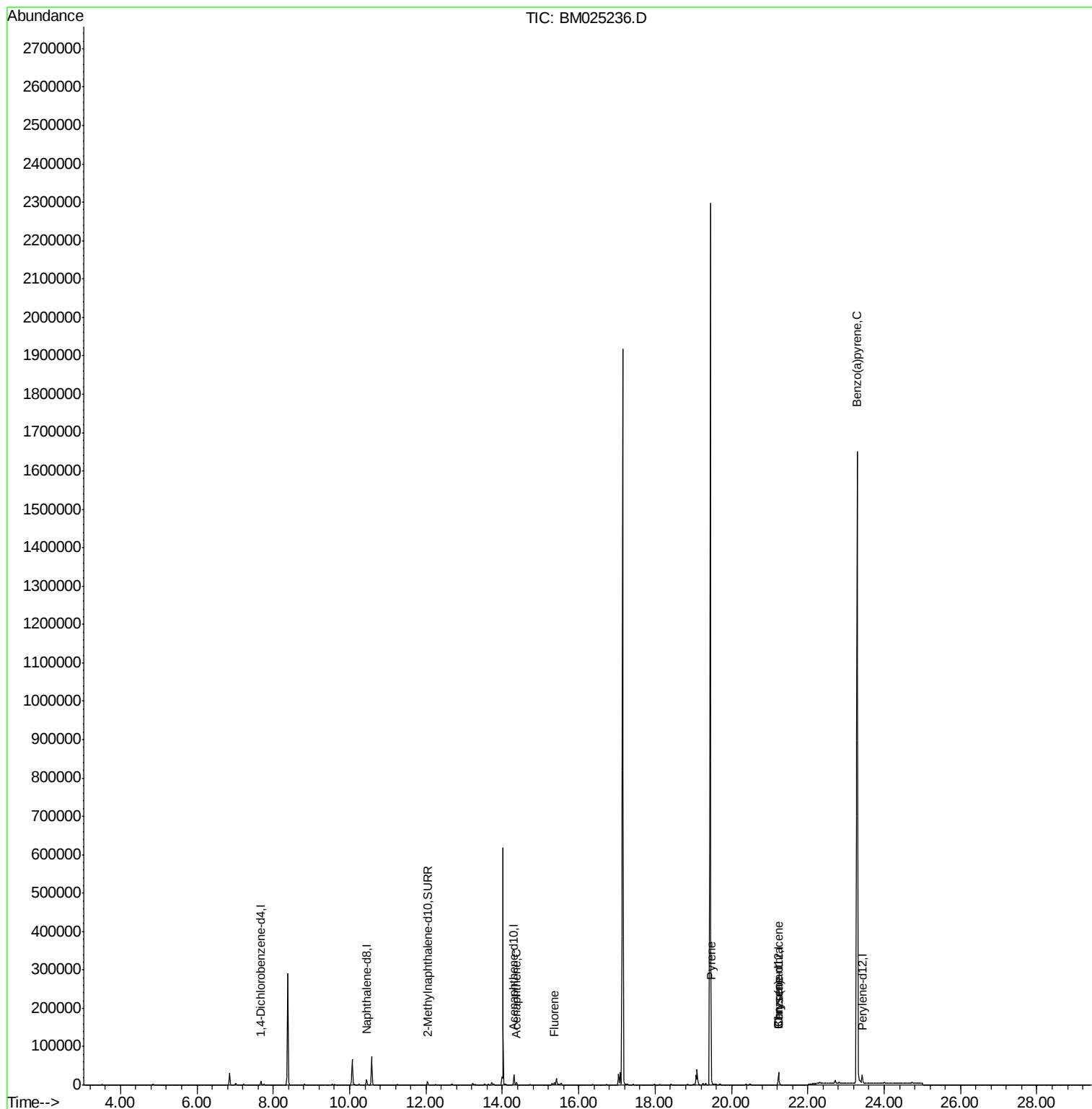
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	19702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14272	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.23	240	30506	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	28089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	10258	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	29164	0.00	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.37	153	3884	0.075	ng/ul	99
9) Fluorene	15.36	166	4691	0.072	ng/ul	95
17) Pyrene	19.47	202	24318	0.210	ng/ul	97
18) Benzo(a)anthracene	21.22	228	3027	0.027	ng/ul	98
19) Chrysene	21.22	228	3027	0.025	ng/ul	97
23) Benzo(a)pyrene	23.29	252	6637	0.070	ng/ul#	78

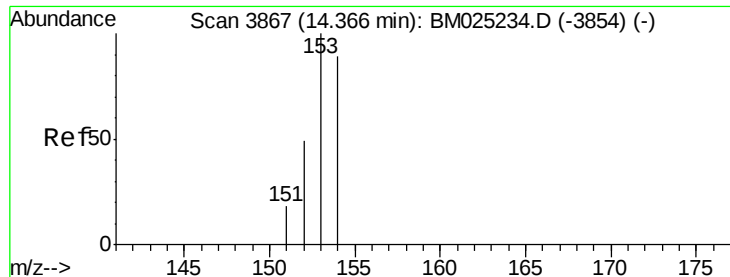
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.37 min Scan# 3867

Delta R.T. -0.00 min

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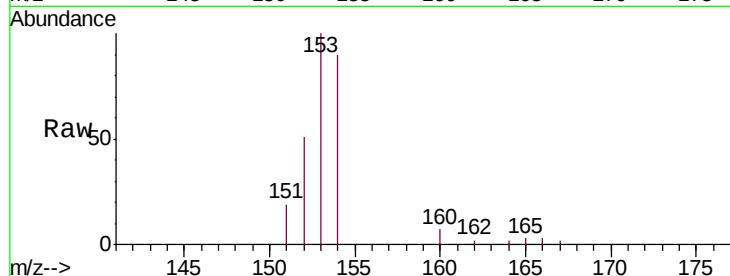
Tgt Ion:153 Resp: 3884

Ion Ratio Lower Upper

153 100

152 50.7 40.0 60.0

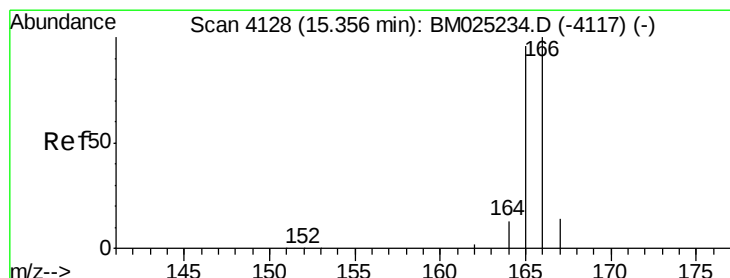
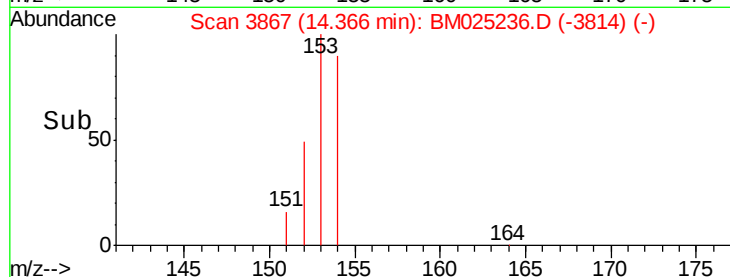
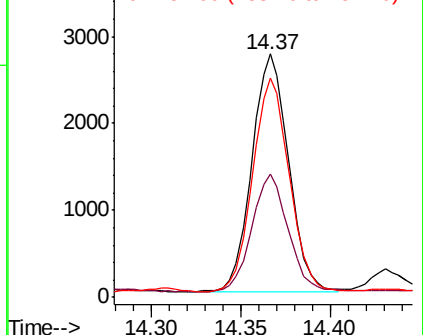
154 90.1 71.0 106.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.072 ng/ul

RT: 15.36 min Scan# 4128

Delta R.T. -0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

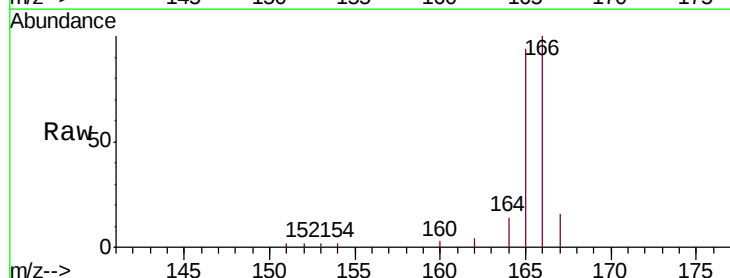
Tgt Ion:166 Resp: 4691

Ion Ratio Lower Upper

166 100

165 94.5 80.0 120.0

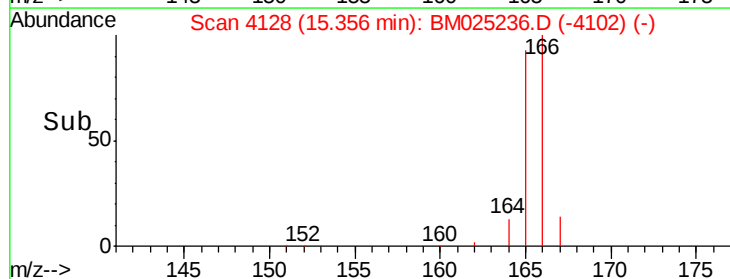
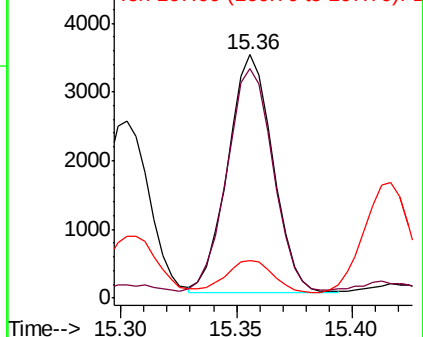
167 15.6 13.7 20.5

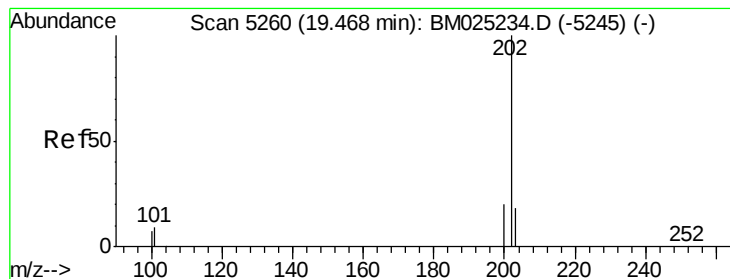


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pyrene

Concen: 0.210 ng/ul

RT: 19.47 min Scan# 5260

Delta R.T. 0.00 min

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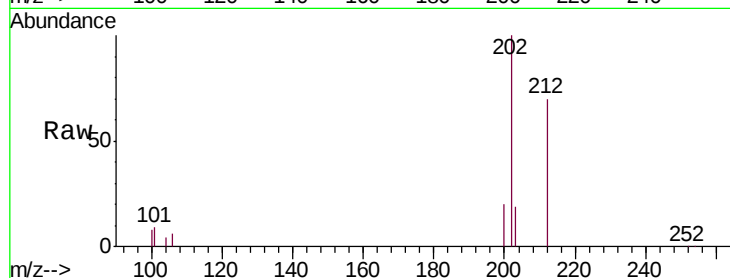
Tgt Ion:202 Resp: 24318

Ion Ratio Lower Upper

202 100

101 9.3 8.7 13.1

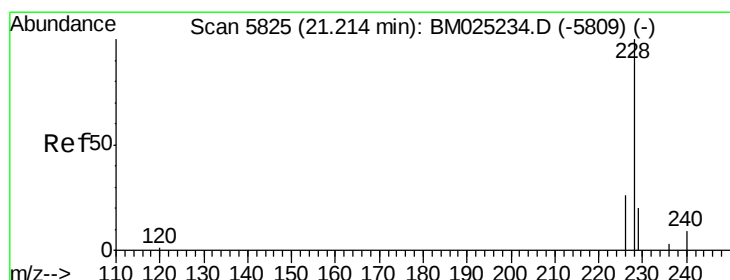
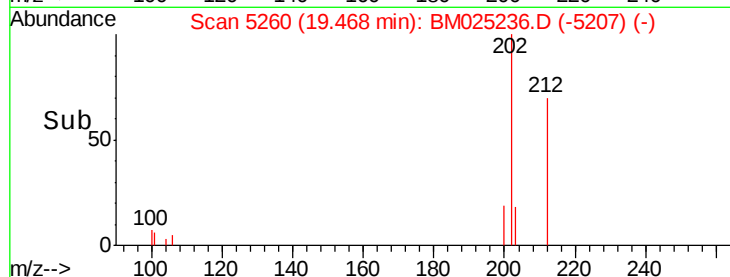
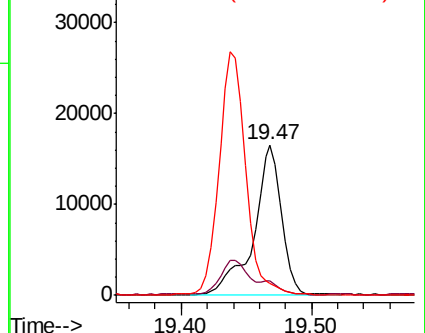
100 8.3 7.3 10.9



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: 0.027 ng/ul

RT: 21.22 min Scan# 5826

Delta R.T. 0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

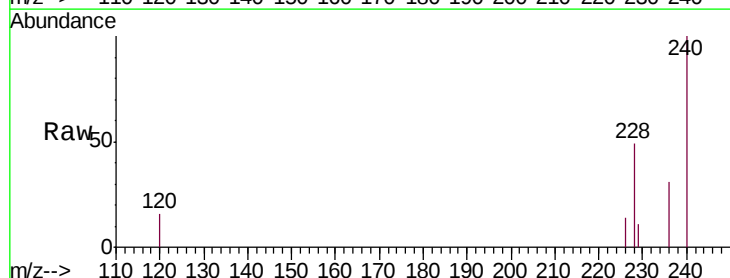
Tgt Ion:228 Resp: 3027

Ion Ratio Lower Upper

228 100

229 22.7 16.6 25.0

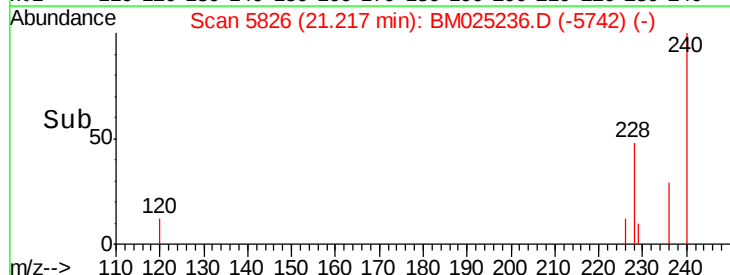
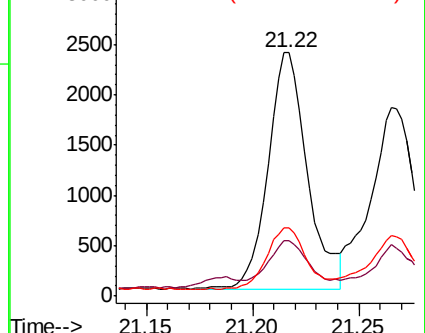
226 28.0 21.9 32.9

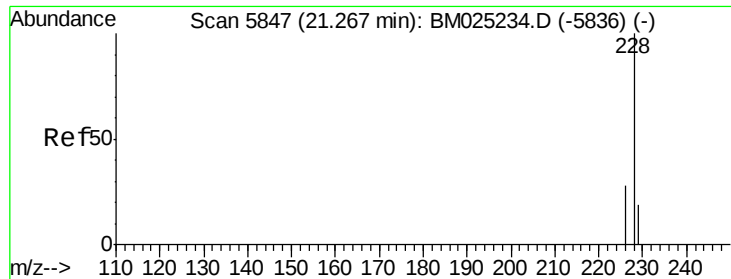


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.025 ng/u1

RT: 21.22 min Scan# 5826

Delta R.T. -0.05 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

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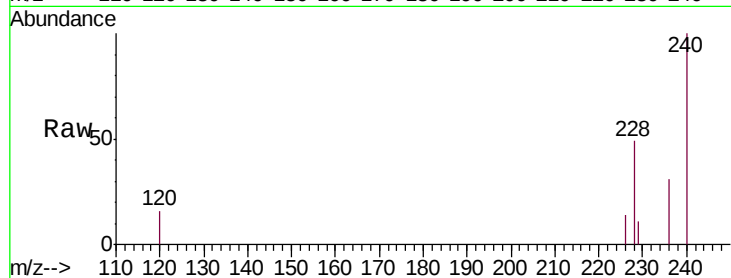
Tgt Ion:228 Resp: 3027

Ion Ratio Lower Upper

228 100

226 28.0 23.8 35.8

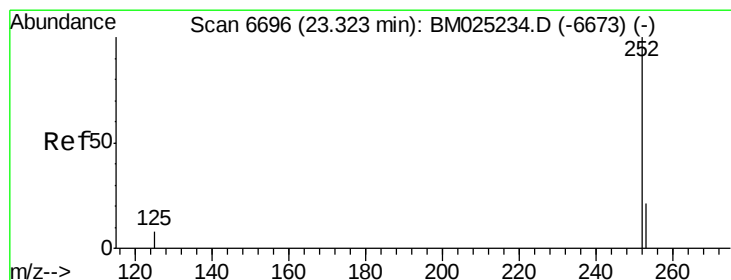
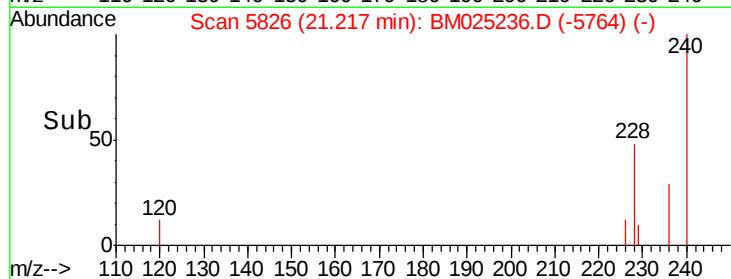
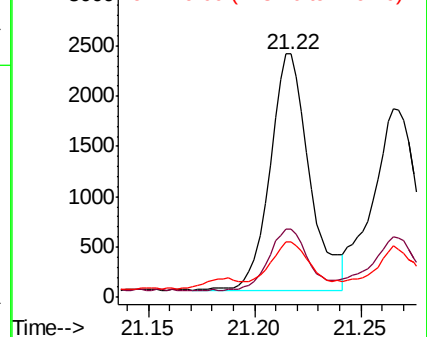
229 22.7 16.9 25.3



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



#23

Benzo(a)pyrene

Concen: 0.070 ng/u1

RT: 23.29 min Scan# 6681

Delta R.T. -0.04 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

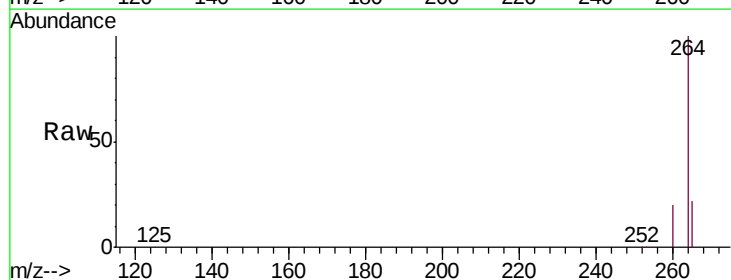
Tgt Ion:252 Resp: 6637

Ion Ratio Lower Upper

252 100

253 36.1 20.3 30.5#

125 25.9 13.0 19.4#



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

