

Data File : BM025159.D
Acq On : 29 Feb 2020 09:43
Operator : CG/JU
Sample : L1542-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD37

Quant Time: Mar 02 01:17:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 01:15:39 2020
Response via : Initial Calibration

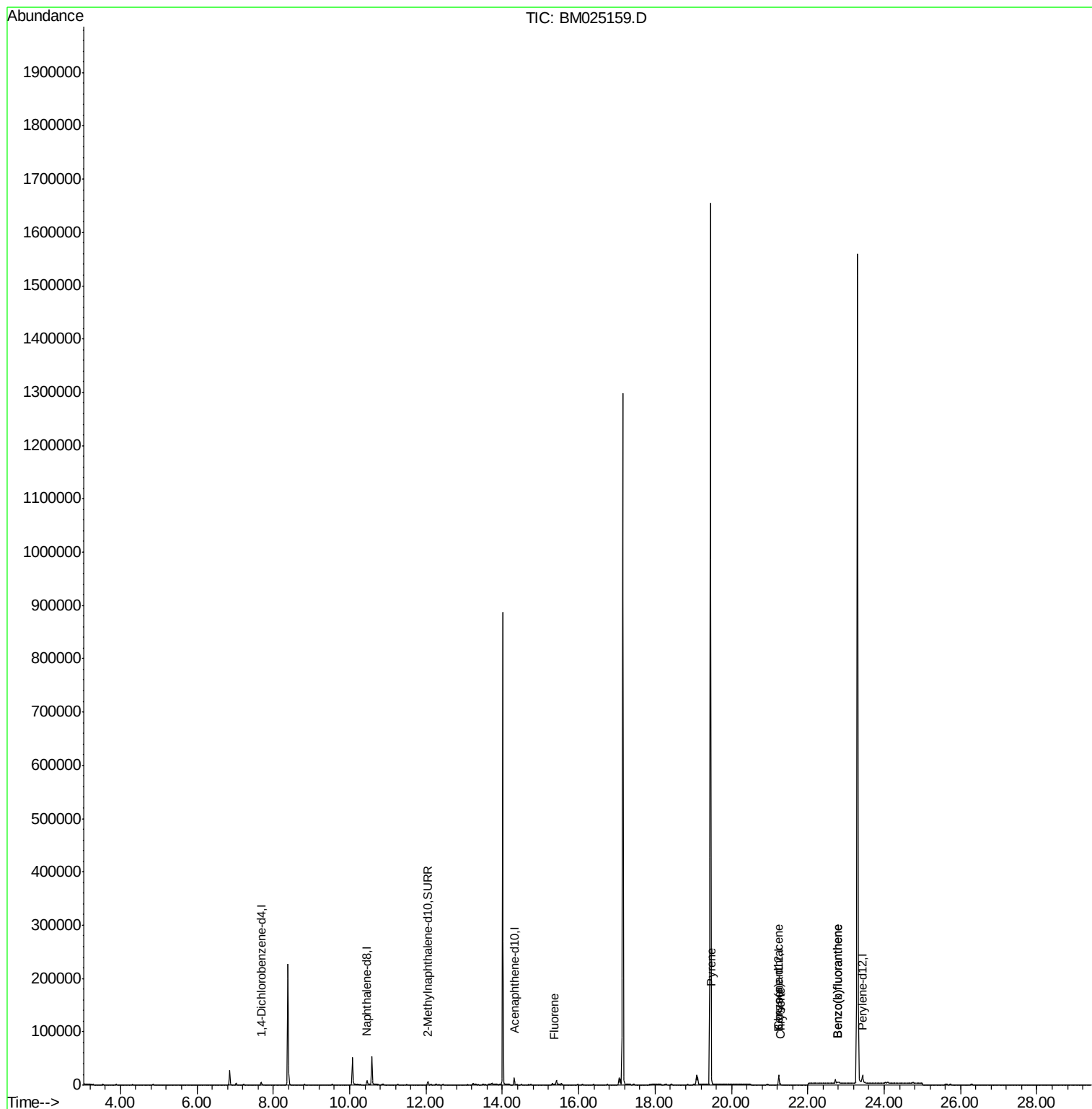
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2721	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6794	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.05
16) Chrysene-d12	21.24	240	16128	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18608	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	7398	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	19341	0.00	ng/ul	0.00
Target Compounds						
9) Fluorene	15.36	166	876	0.027	ng/ul#	97
17) Pyrene	19.47	202	12393	0.171	ng/ul	99
18) Benzo(a)anthracene	21.22	228	2322	0.033	ng/ul	93
19) Chrysene	21.27	228	2753	0.040	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	4859	0.067	ng/ul	70
22) Benzo(k)fluoranthene	22.78	252	4859	0.067	ng/ul#	68

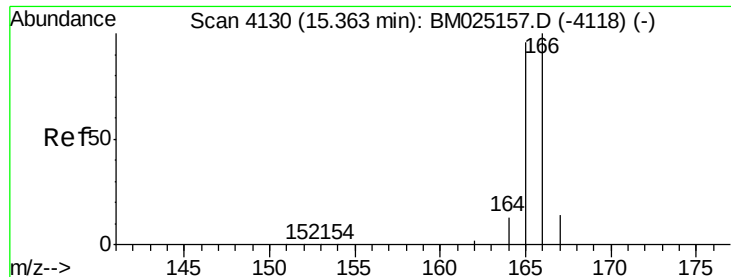
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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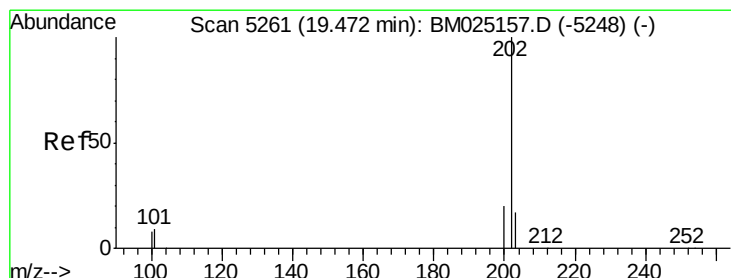
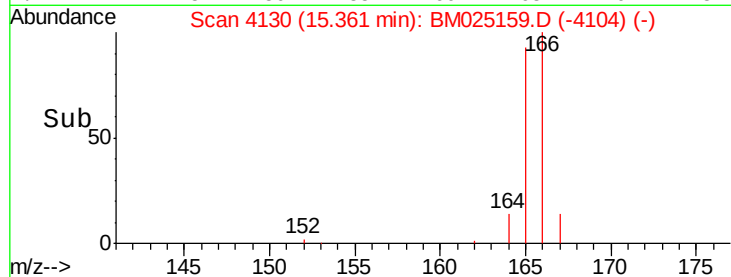
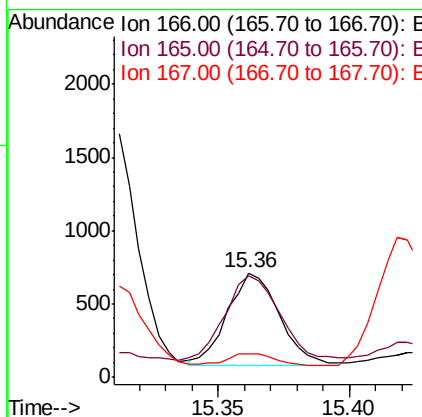
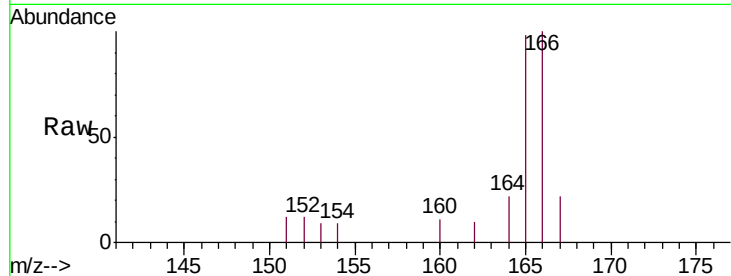




#9
Fluorene
 Concen: 0.027 ng/ul
 RT: 15.36 min Scan# 4130
 Delta R.T. -0.00 min
 Lab File: BM025159.D
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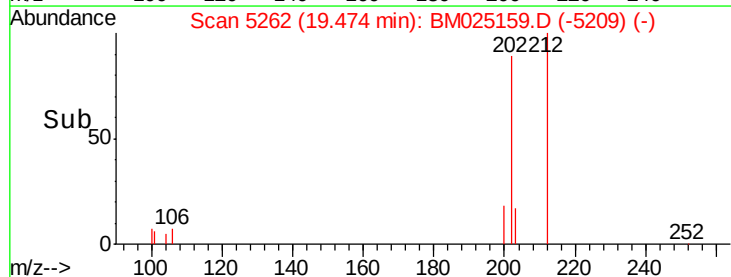
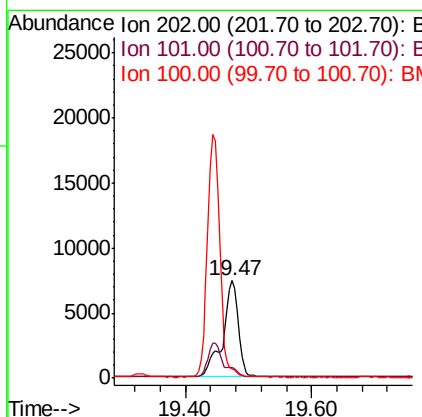
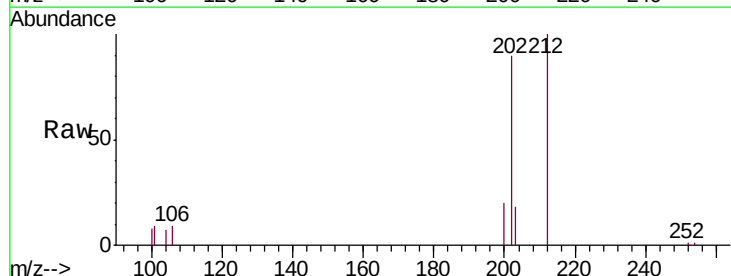
Instrument :
 BNA_M
 ClientSampleId :
 DBD37

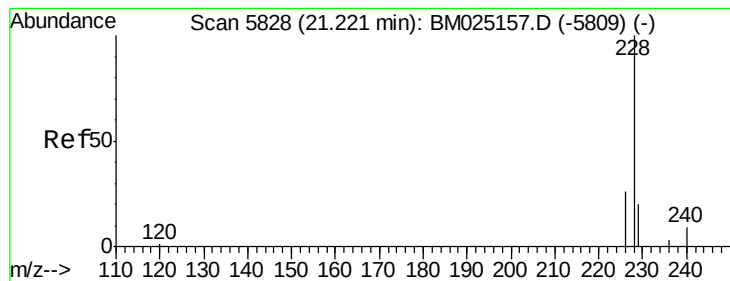
Tgt Ion:166 Resp: 876
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.0 120.0
 167 22.4 13.7 20.5#



#17
Pyrene
 Concen: 0.171 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. 0.00 min
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Tgt Ion:202 Resp: 12393
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.7 13.1
 100 9.3 7.3 10.9





#18

Benzo(a)anthracene

Concen: 0.033 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. 0.00 min

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Instrument :

BNA_M

ClientSampleId :

DBD37

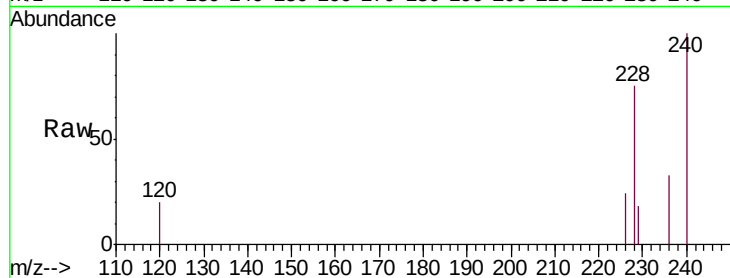
Tgt Ion:228 Resp: 2322

Ion Ratio Lower Upper

228 100

229 23.6 16.6 25.0

226 31.2 21.9 32.9

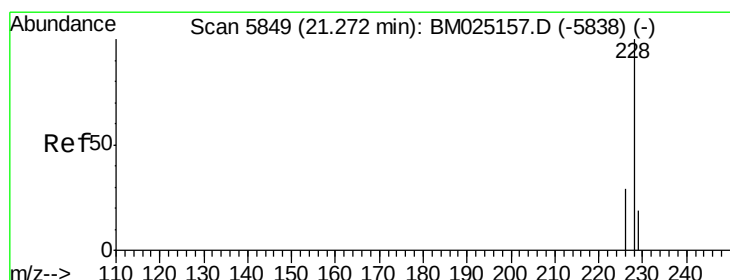
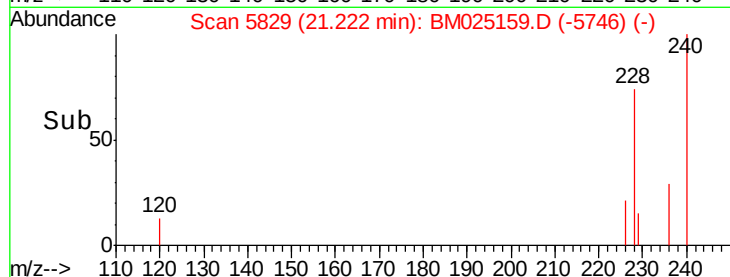
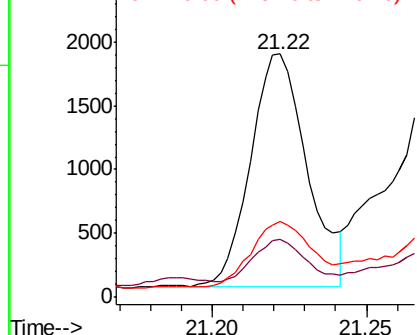


Abundance

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: 0.040 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. 0.00 min

Lab File: BM025159.D

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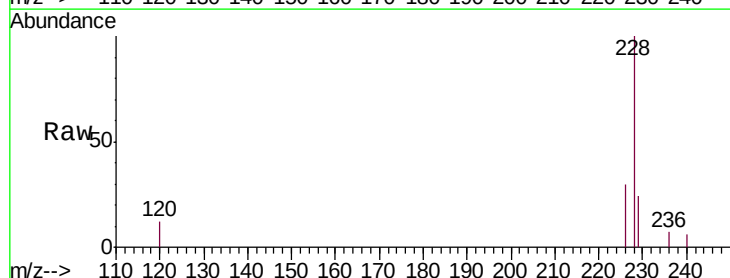
Tgt Ion:228 Resp: 2753

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 23.6 16.9 25.3

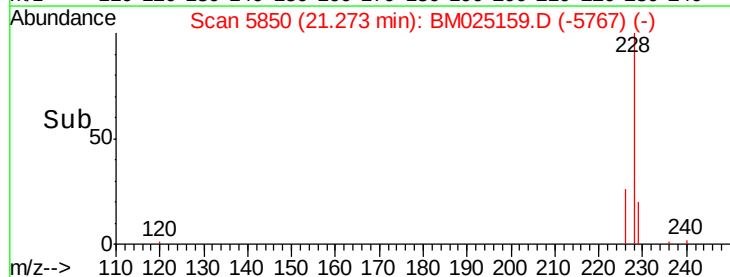
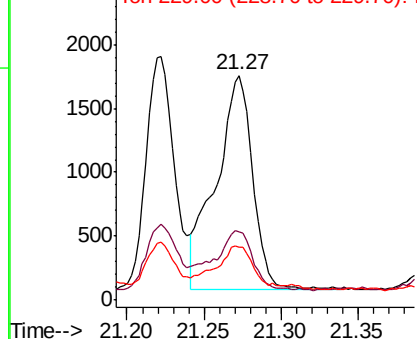


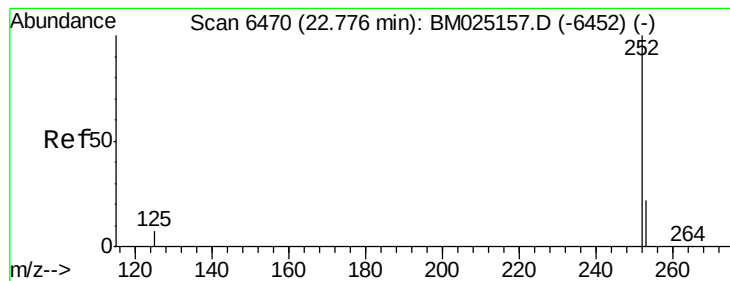
Abundance

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





#21

Benzo(b)fluoranthene

Concen: 0.067 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. 0.01 min

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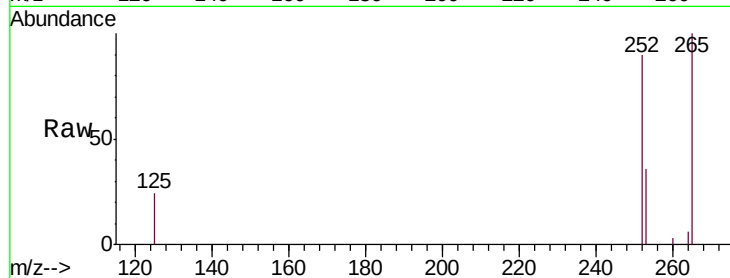
Tgt Ion:252 Resp: 4859

Ion Ratio Lower Upper

252 100

253 39.5 0.0 49.8

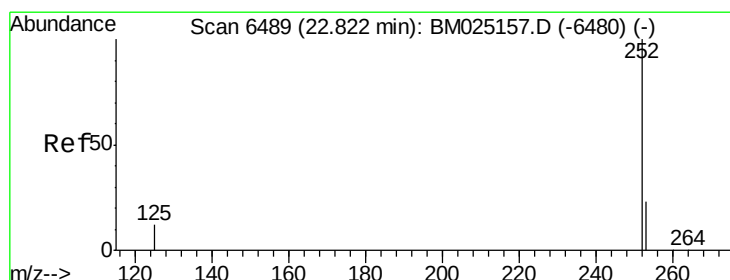
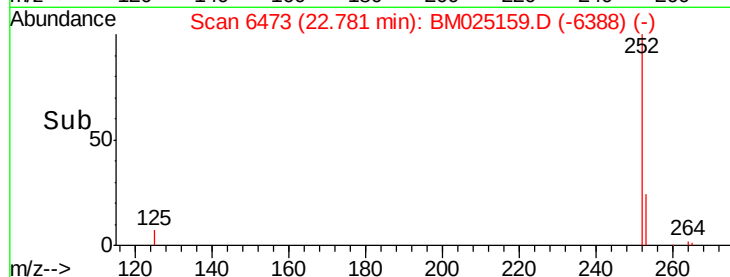
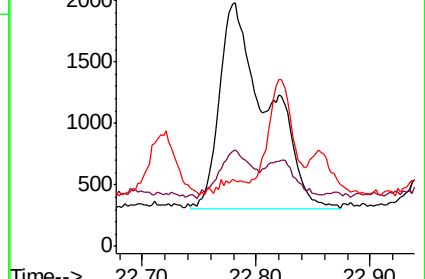
125 27.0 0.0 28.6



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



#22

Benzo(k)fluoranthene

Concen: 0.067 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.04 min

Lab File: BM025159.D

Acq: 29 Feb 2020 09:43

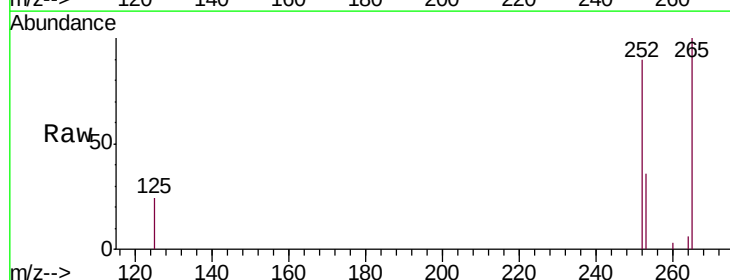
Tgt Ion:252 Resp: 4859

Ion Ratio Lower Upper

252 100

253 39.5 19.4 29.0#

125 27.0 10.7 16.1#



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

