

Data File : BM025177.D
Acq On : 29 Feb 2020 20:28
Operator : CG/JU
Sample : L1542-16
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD52

Quant Time: Mar 02 02:11:05 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 02:08:15 2020
Response via : Initial Calibration

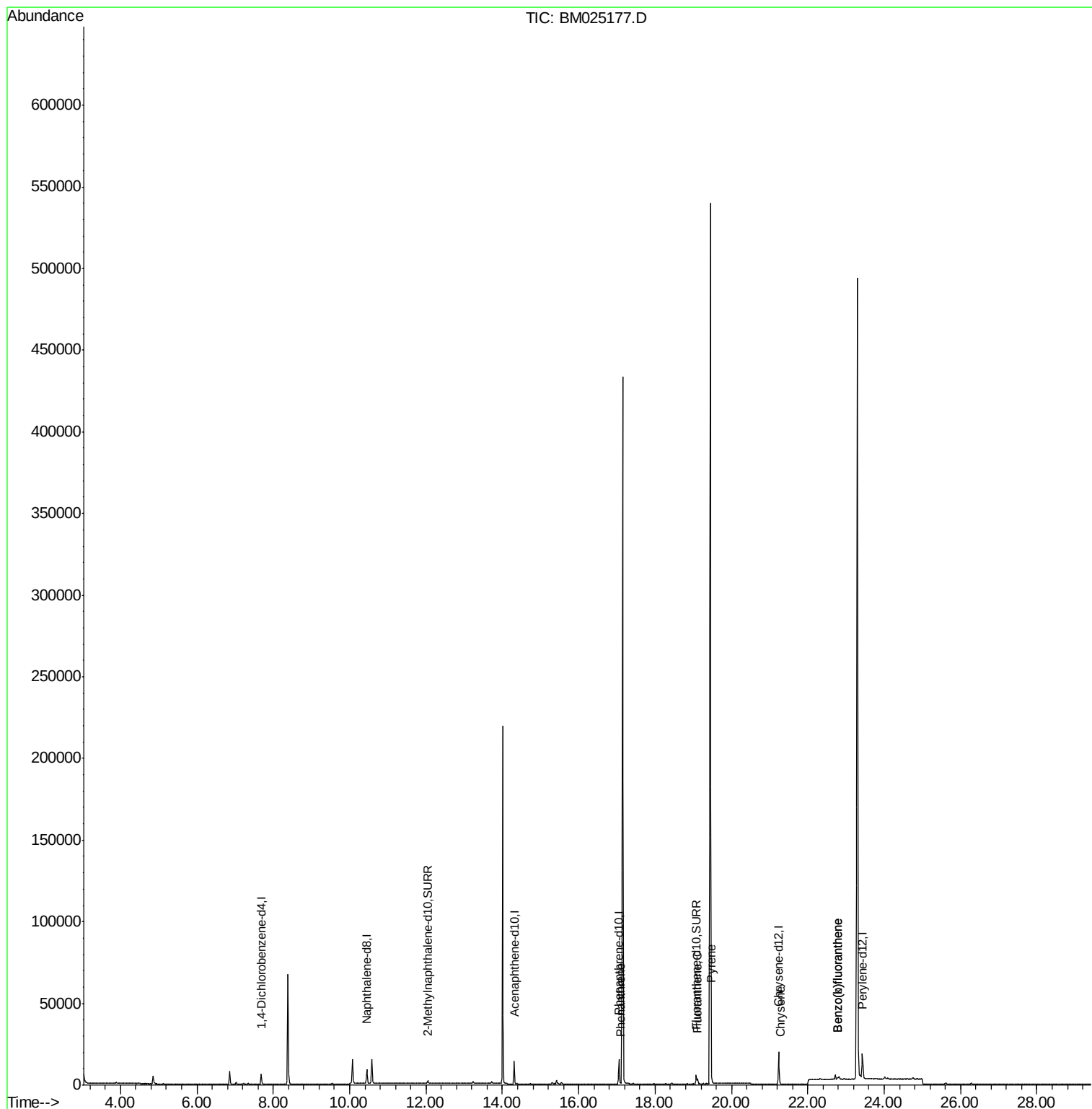
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3075	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	12073	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17371	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	17401	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2202	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	6235	0.10	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.09	178	1285	0.021	ng/ul#	89
15) Fluoranthene	19.11	202	3121	0.035	ng/ul	97
17) Pyrene	19.47	202	5437	0.069	ng/ul	96
19) Chrysene	21.27	228	1501	0.020	ng/ul#	87
21) Benzo(b)fluoranthene	22.78	252	2692	0.035	ng/ul#	43
22) Benzo(k)fluoranthene	22.78	252	2692	0.035	ng/ul#	41

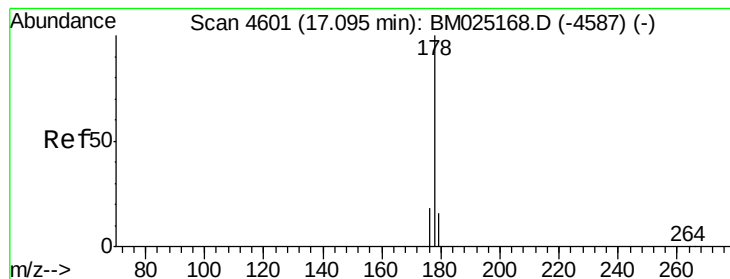
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.09 min Scan# 4600

Delta R.T. -0.00 min

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DBD52

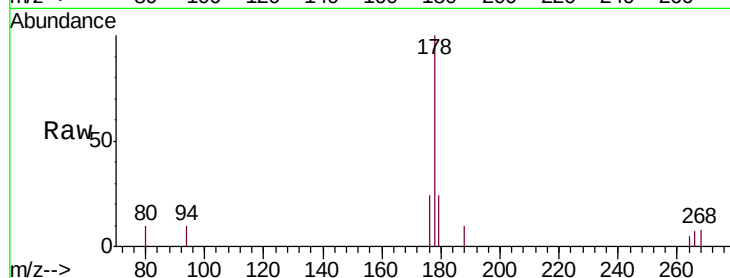
Tgt Ion:178 Resp: 1285

Ion Ratio Lower Upper

178 100

179 24.2 14.0 21.0#

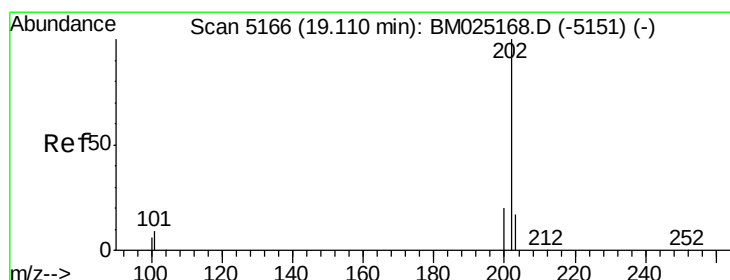
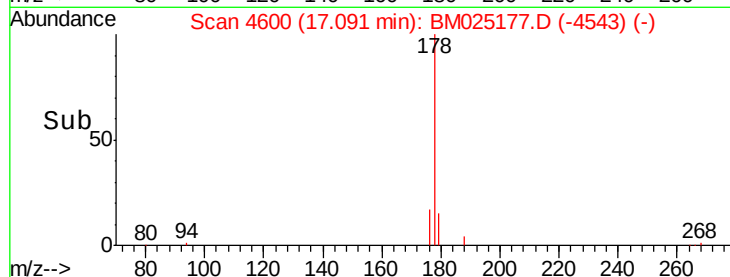
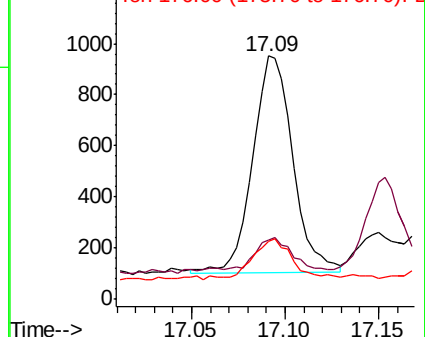
176 23.8 16.6 24.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.035 ng/ul

RT: 19.11 min Scan# 5166

Delta R.T. -0.00 min

Lab File: BM025177.D

Acq: 29 Feb 2020 20:28

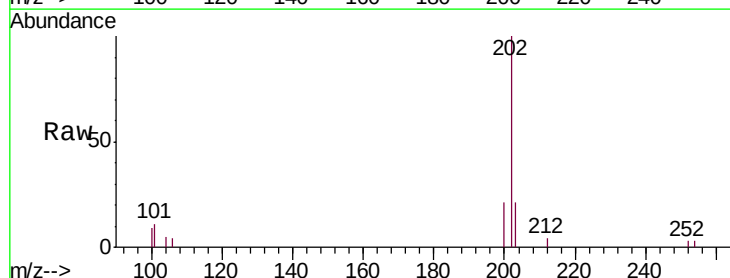
Tgt Ion:202 Resp: 3121

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.4

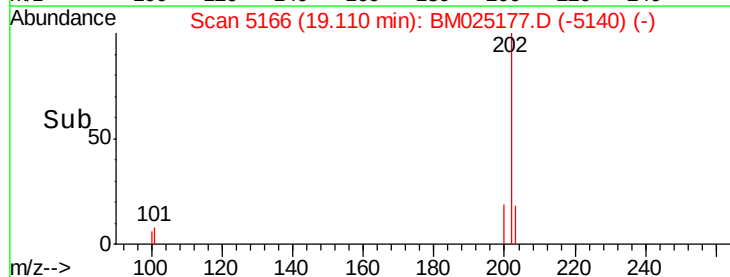
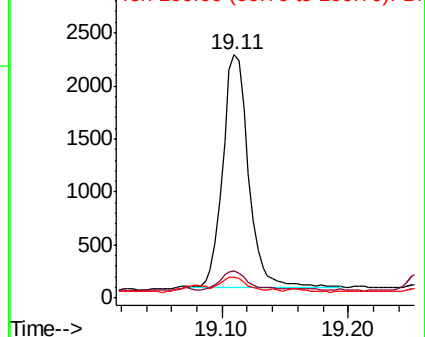
100 8.7 0.0 28.0

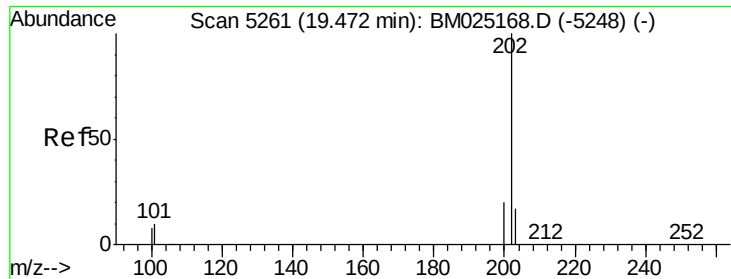


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

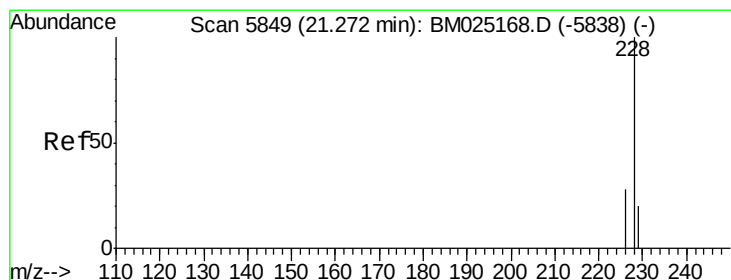
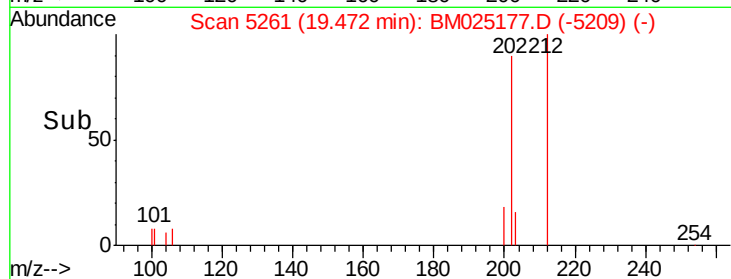
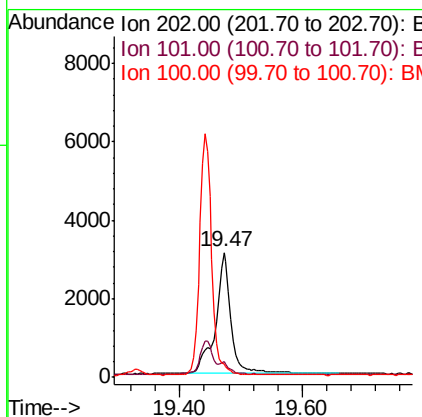
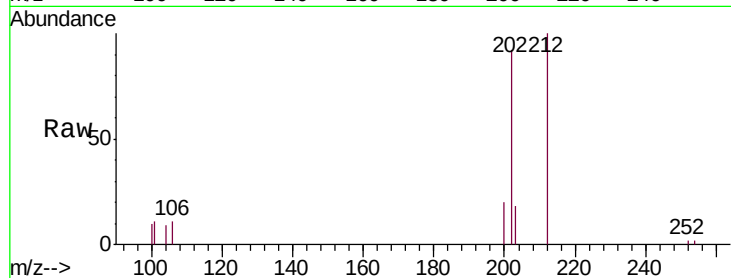




#17
 Pyrene
 Concen: 0.069 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.00 min
 Lab File: BM025177.D
 Acq: 29 Feb 2020 20:28

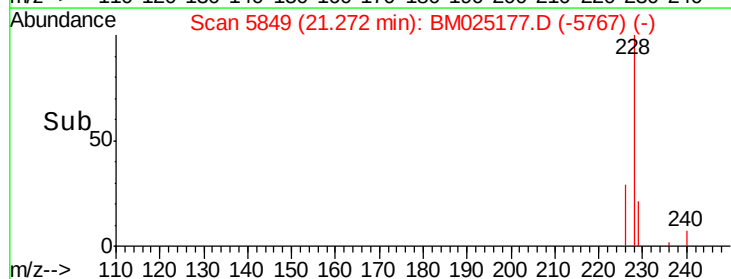
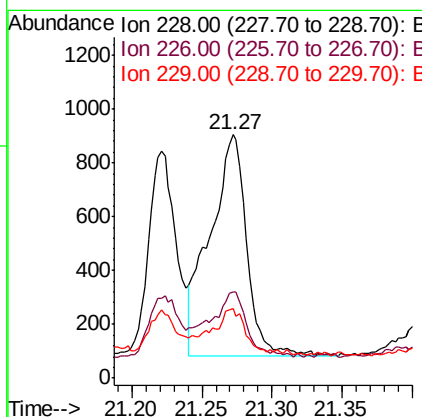
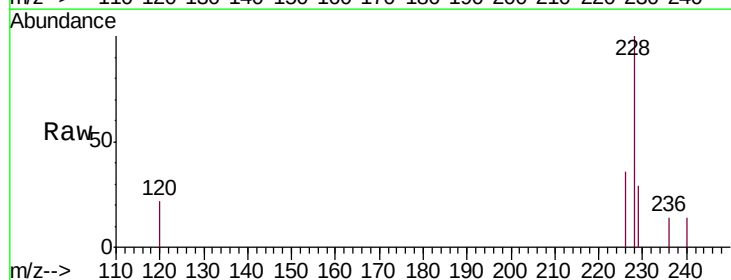
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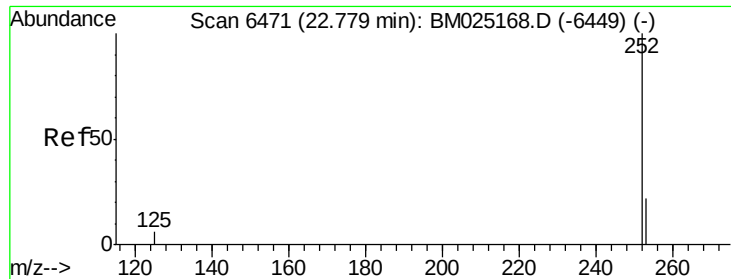
Tgt Ion:202 Resp: 5437
 Ion Ratio Lower Upper
 202 100
 101 12.3 8.7 13.1
 100 10.4 7.3 10.9



#19
 Chrysene
 Concen: 0.020 ng/ul
 RT: 21.27 min Scan# 5849
 Delta R.T. -0.00 min
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 Acq: 29 Feb 2020 20:28

Tgt Ion:228 Resp: 1501
 Ion Ratio Lower Upper
 228 100
 226 35.6 23.8 35.8
 229 28.5 16.9 25.3#





#21

Benzo(b)fluoranthene

Concen: 0.035 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. 0.00 min

Lab File: BM025177.D

Acq: 29 Feb 2020 20:28

Instrument :

BNA_M

ClientSampleId :

DBD52

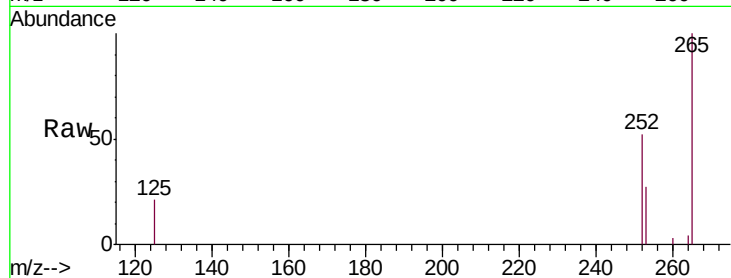
Tgt Ion:252 Resp: 2692

Ion Ratio Lower Upper

252 100

253 51.3 0.0 49.8#

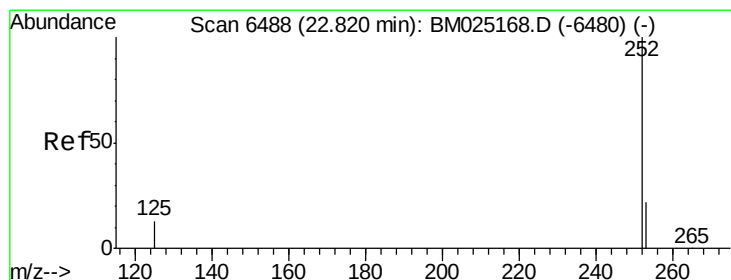
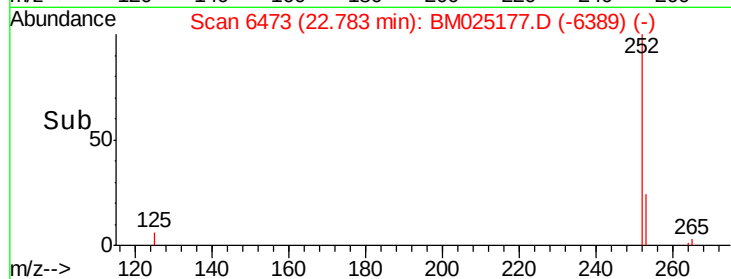
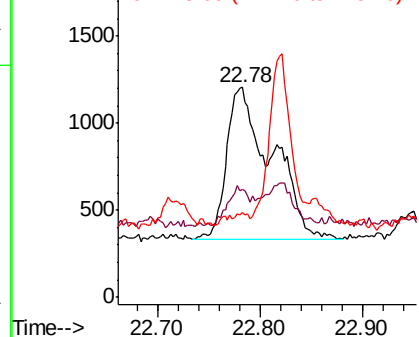
125 40.2 0.0 28.6#



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: 0.035 ng/ul

RT: 22.78 min Scan# 6473

Delta R.T. -0.04 min

Lab File: BM025177.D

Acq: 29 Feb 2020 20:28

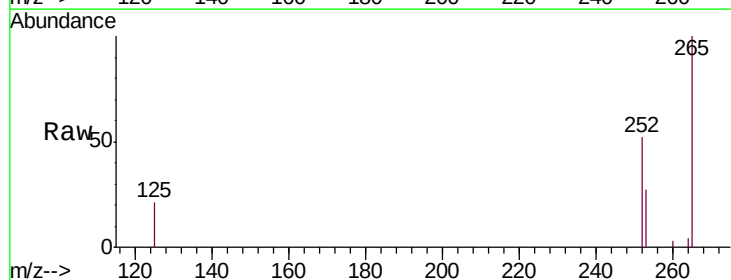
Tgt Ion:252 Resp: 2692

Ion Ratio Lower Upper

252 100

253 51.3 19.4 29.0#

125 40.2 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

