

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025389.D
 Acq On : 08 Mar 2020 17:22
 Operator : CG/JU
 Sample : L1617-09
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 01:15:46 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

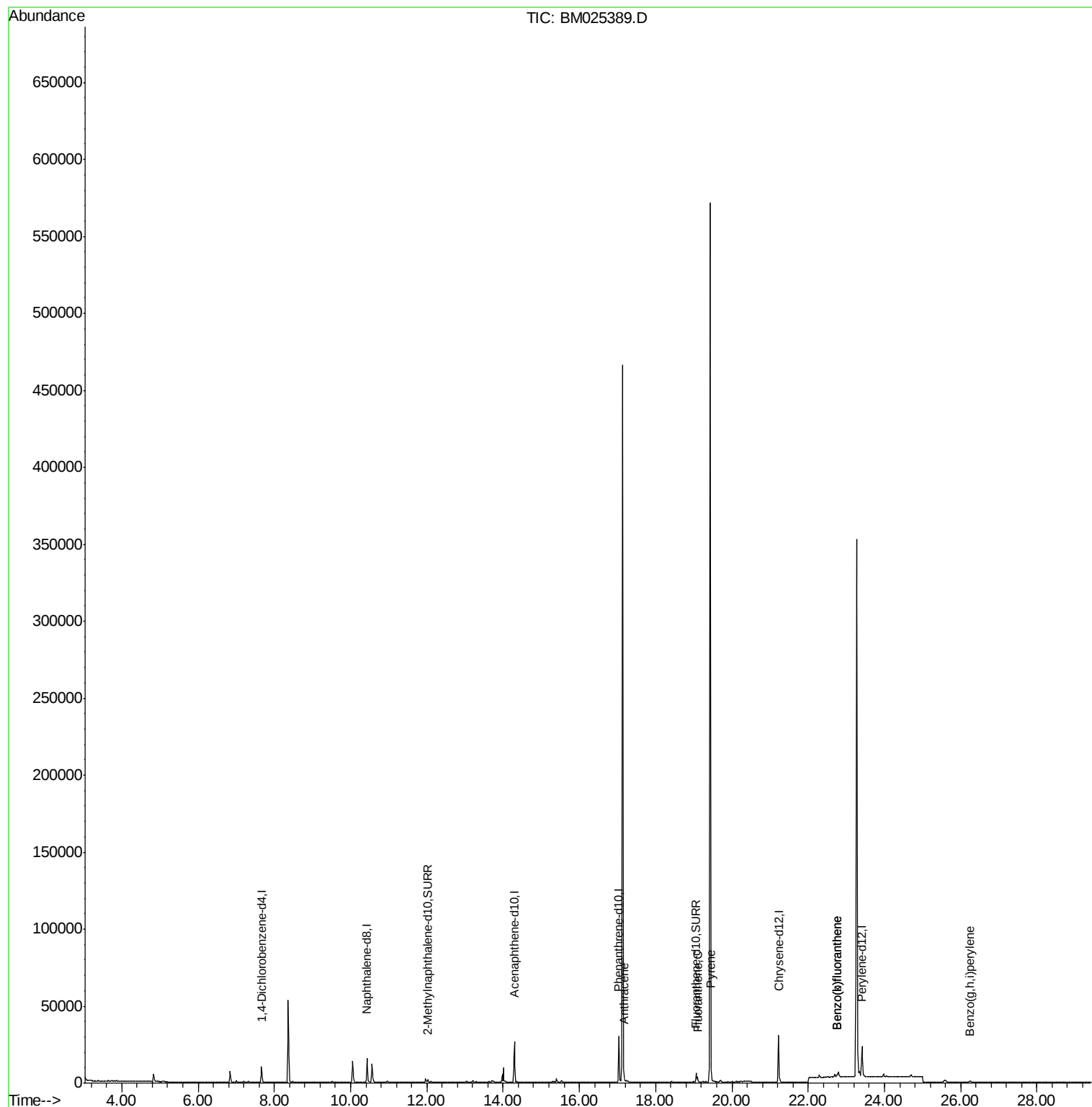
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4882	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	20496	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	14233	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	33990	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	27041	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	23980	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	2199	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	6530	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
13) Anthracene	17.17	178	2155	0.022	ng/ul#	95
15) Fluoranthene	19.09	202	2877	0.021	ng/ul	94
17) Pyrene	19.46	202	4786	0.047	ng/ul	96
21) Benzo(b)fluoranthene	22.76	252	4400	0.046	ng/ul#	58
22) Benzo(k)fluoranthene	22.76	252	4400	0.044	ng/ul#	56
26) Benzo(g,h,i)perylene	26.25	276	1929	0.023	ng/ul#	88

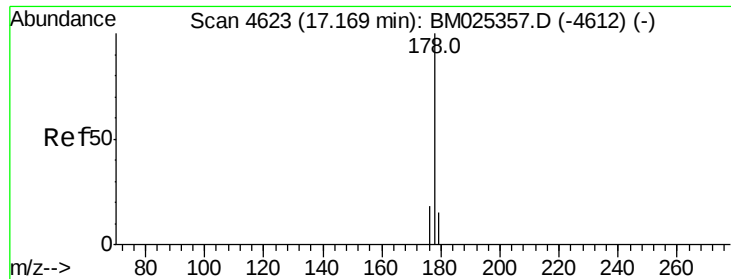
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Anthracene

Concen: 0.022 ng/ul

RT: 17.17 min Scan# 4622

Delta R.T. -0.01 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

Instrument :

BNA_M

ClientSampleId :

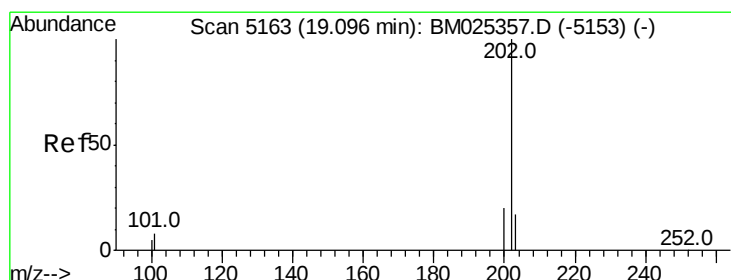
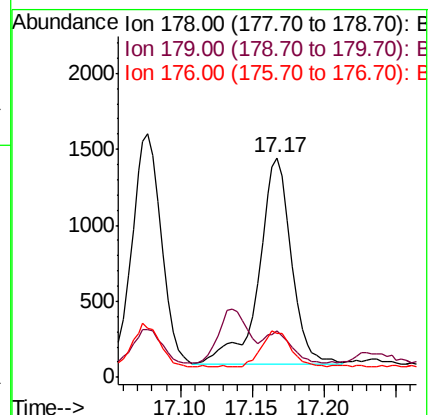
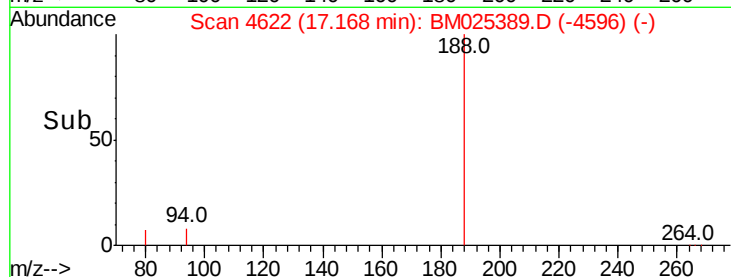
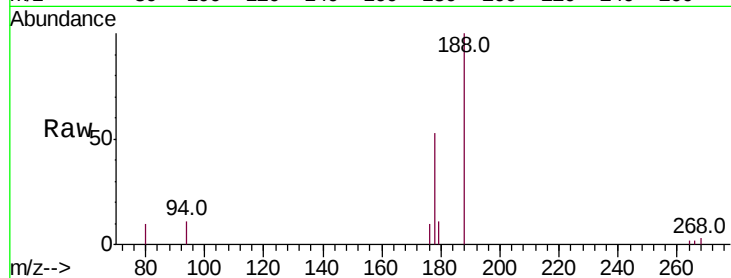
Tot Ion:178 Resp: 2155

Ion Ratio Lower Upper

178 100

179 21.4 14.1 21.1#

176 19.8 16.2 24.4



#15

Fluoranthene

Concen: 0.021 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

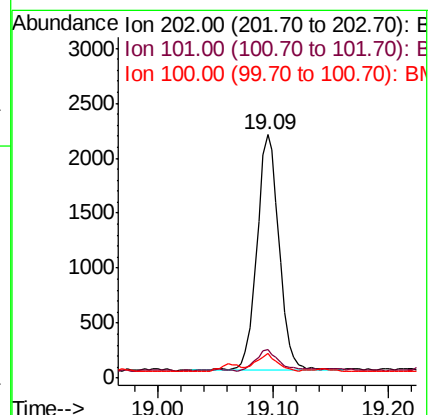
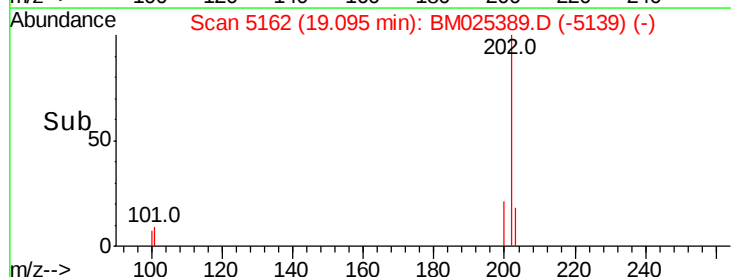
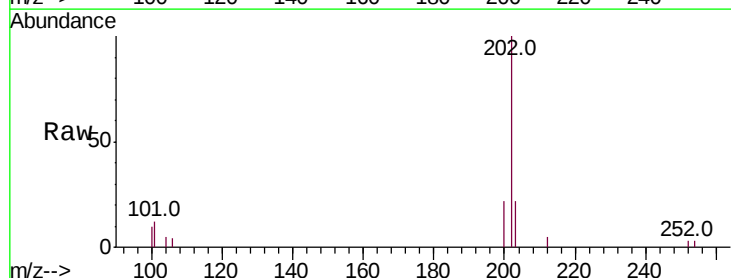
Tgt Ion:202 Resp: 2877

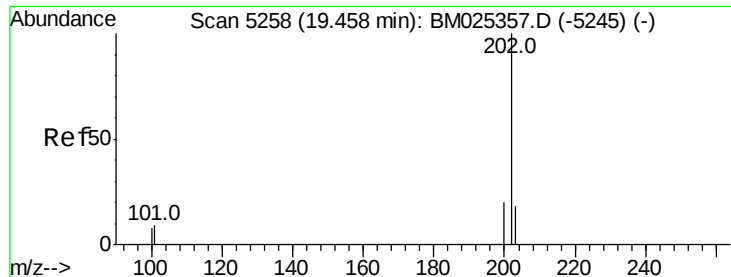
Ion Ratio Lower Upper

202 100

101 11.8 0.0 29.4

100 10.0 0.0 28.0





#17

Pvrene

Concen: 0.047 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

Instrument :

BNA_M

ClientSampleId :

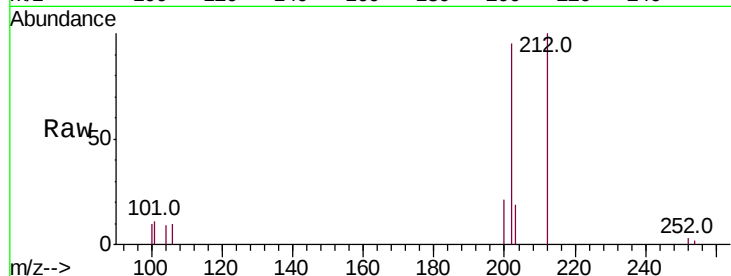
Tot Ion:202 Resp: 4786

Ion Ratio Lower Upper

202 100

101 12.0 8.7 13.1

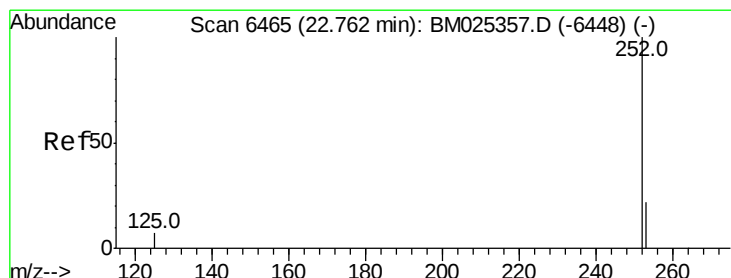
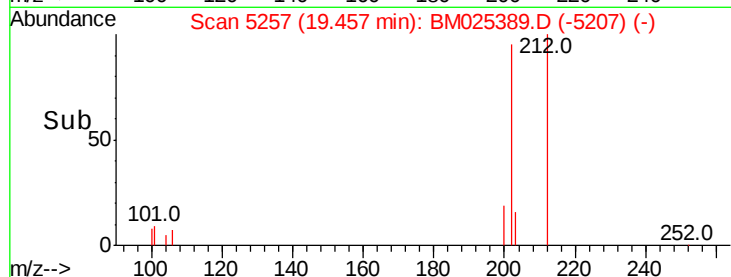
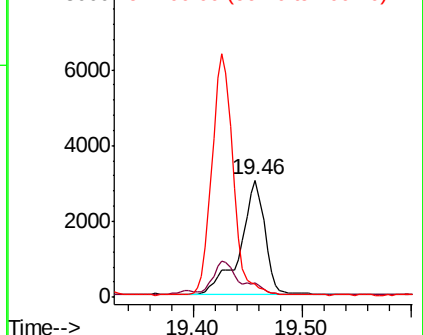
100 10.8 7.3 10.9



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



#21

Benzo(b)fluoranthene

Concen: 0.046 ng/ul

RT: 22.76 min Scan# 6464

Delta R.T. -0.01 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

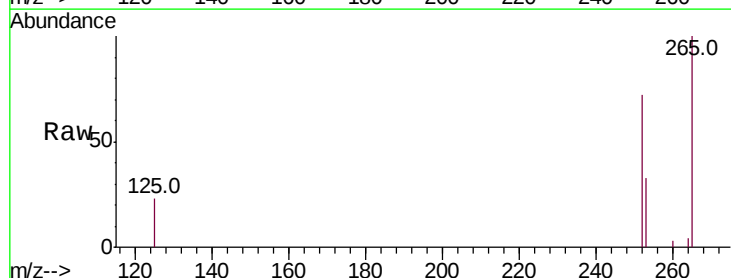
Tgt Ion:252 Resp: 4400

Ion Ratio Lower Upper

252 100

253 46.2 0.0 49.8

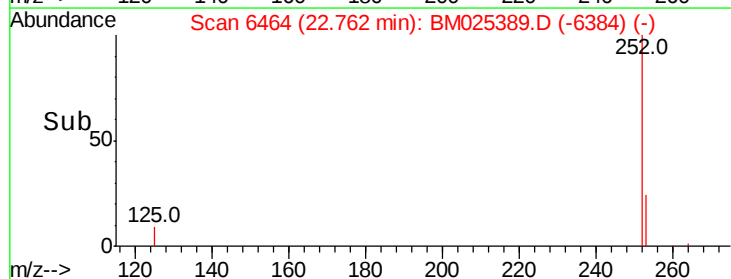
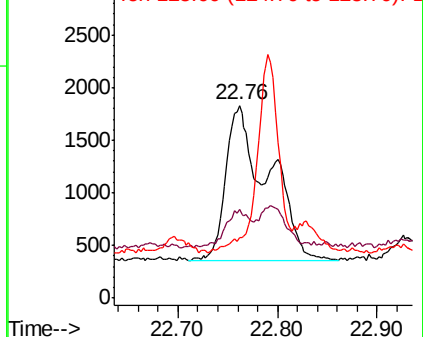
125 31.2 0.0 28.6#

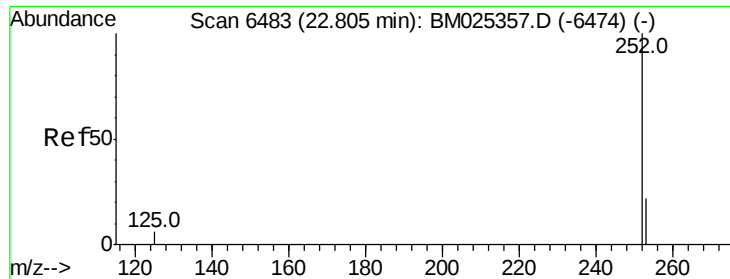


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.044 ng/ul

RT: 22.76 min Scan# 6464

Delta R.T. -0.05 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

Instrument :

BNA_M

ClientSampleId :

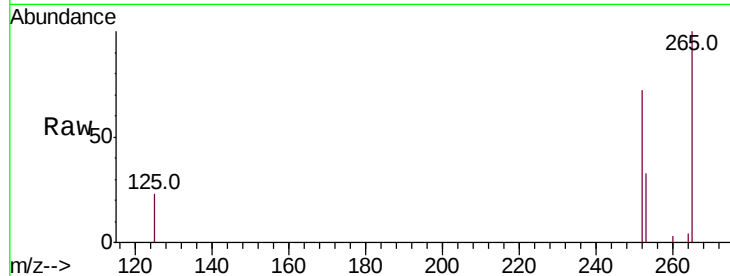
Tot Ion:252 Resp: 4400

Ion Ratio Lower Upper

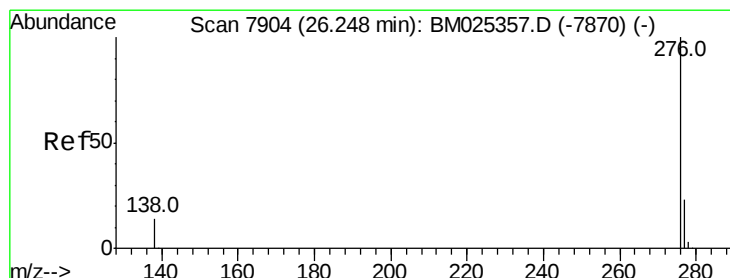
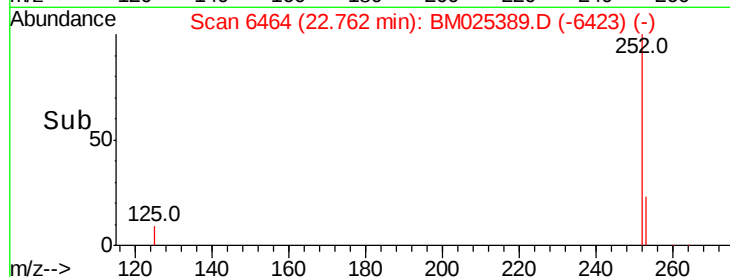
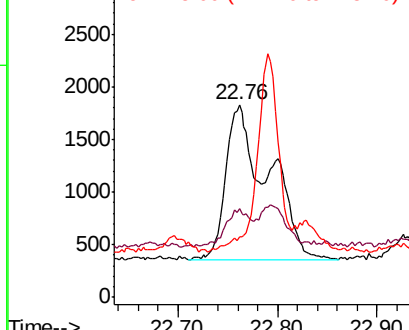
252 100

253 46.2 19.4 29.0#

125 31.2 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



#26

Benzo(g,h,i)perylene

Concen: 0.023 ng/ul

RT: 26.25 min Scan# 7902

Delta R.T. -0.02 min

Lab File: BM025389.D

Acq: 08 Mar 2020 17:22

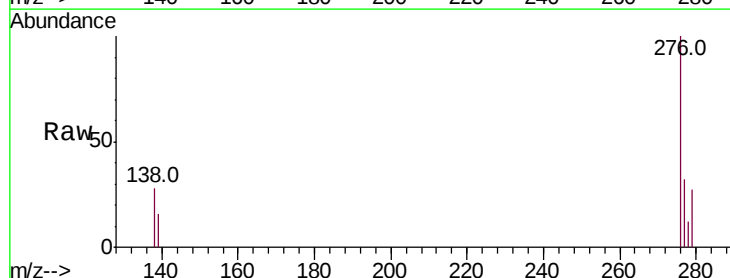
Tgt Ion:276 Resp: 1929

Ion Ratio Lower Upper

276 100

138 27.9 17.9 26.9#

277 32.2 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

