

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025107.D
 Acq On : 27 Feb 2020 17:21
 Operator : CG/JU
 Sample : L1506-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:26:54 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 : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

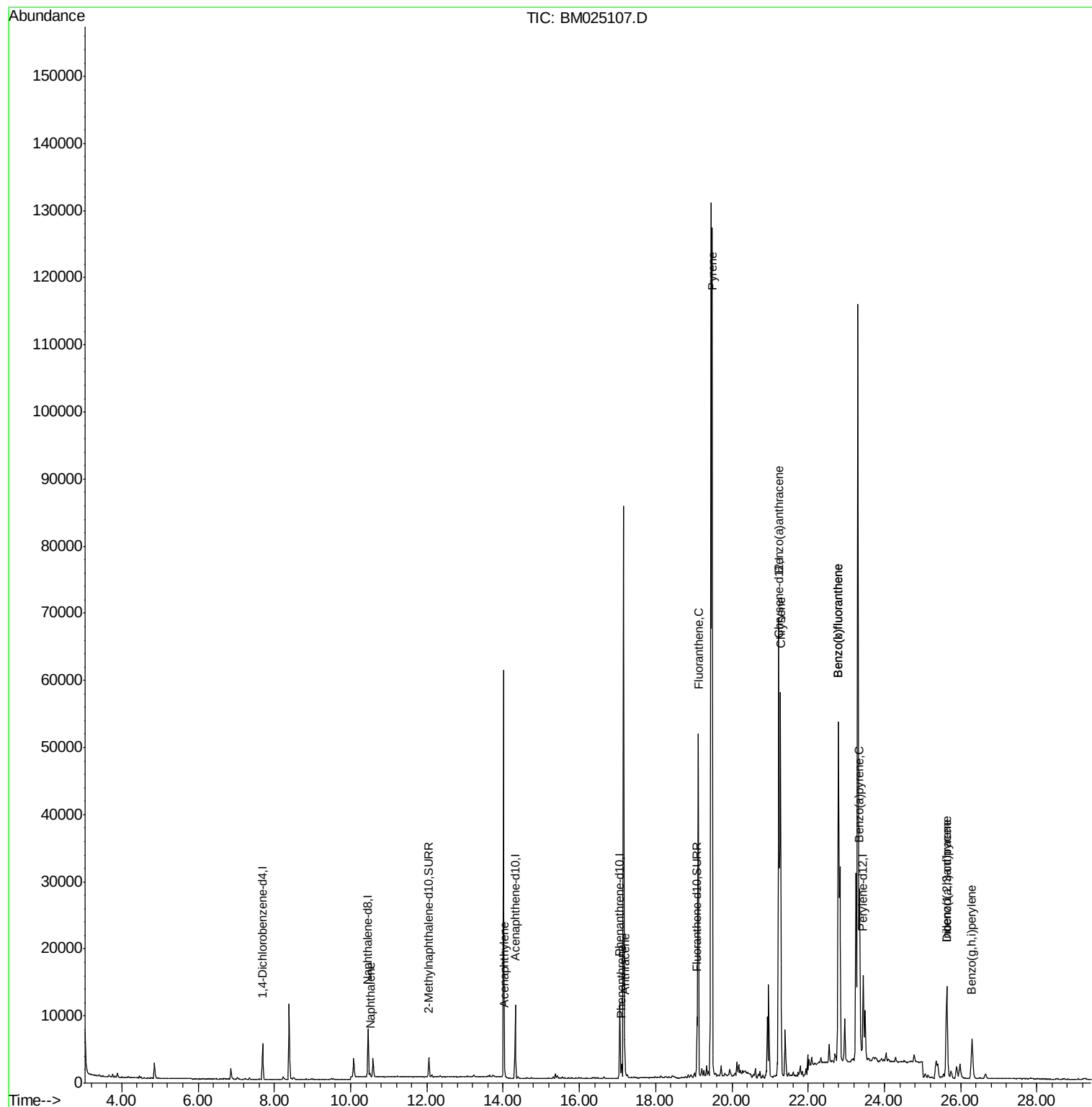
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2615	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	9866	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	6012	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	13673	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	14499	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	15847	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	3782	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	10201	0.22	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.51	128	790	0.026	ng/ul	95
7) Acenaphthylene	14.04	152	1648	0.048	ng/ul	98
12) Phenanthrene	17.10	178	2316	0.048	ng/ul	95
13) Anthracene	17.19	178	5106	0.110	ng/ul	99
15) Fluoranthene	19.12	202	44740	0.640	ng/ul	96
17) Pyrene	19.48	202	105216	1.610	ng/ul#	95
18) Benzo(a)anthracene	21.23	228	54560	0.872	ng/ul	99
19) Chrysene	21.28	228	68118	1.092	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	113906	1.834	ng/ul	92
22) Benzo(k)fluoranthene	22.79	252	113906	1.851	ng/ul#	94
23) Benzo(a)pyrene	23.35	252	34625	0.610	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.63	276	21153	0.298	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.64	278	6226	0.104	ng/ul#	84
26) Benzo(g,h,i)perylene	26.29	276	12954	0.216	ng/ul#	94

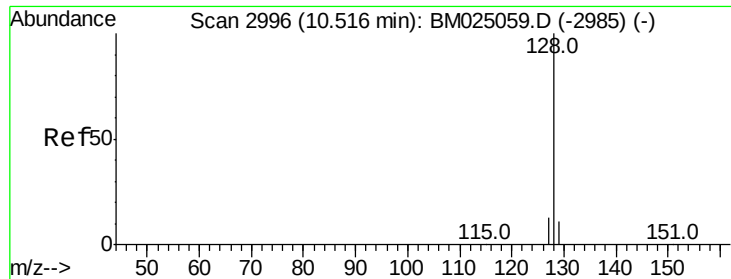
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 25 11:03:43 2020
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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

ClientSampleId :

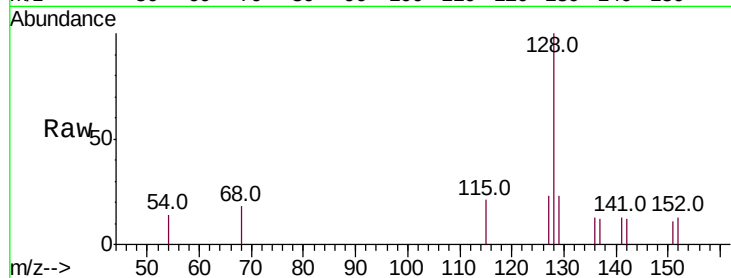
Tot Ion:128 Resp: 790

Ion Ratio Lower Upper

128 100

129 22.8 17.0 25.6

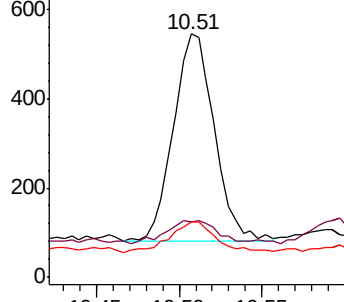
127 22.8 15.7 23.5



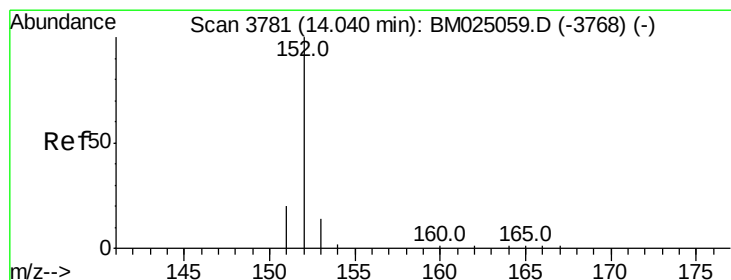
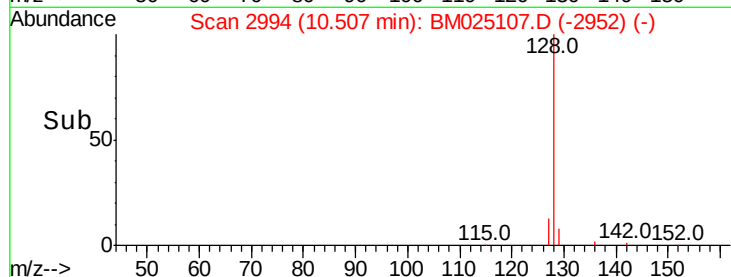
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

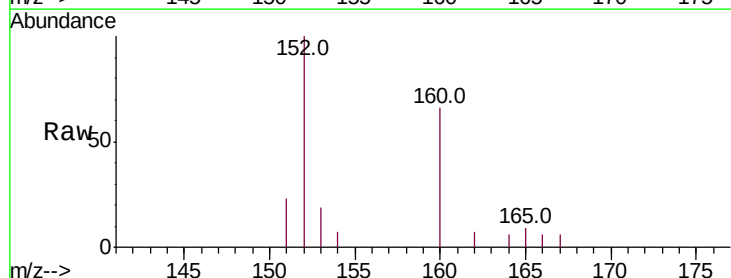
Tgt Ion:152 Resp: 1648

Ion Ratio Lower Upper

152 100

151 22.6 17.8 26.8

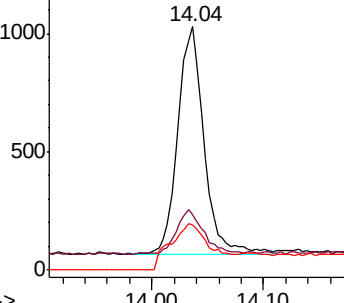
153 18.6 13.3 19.9



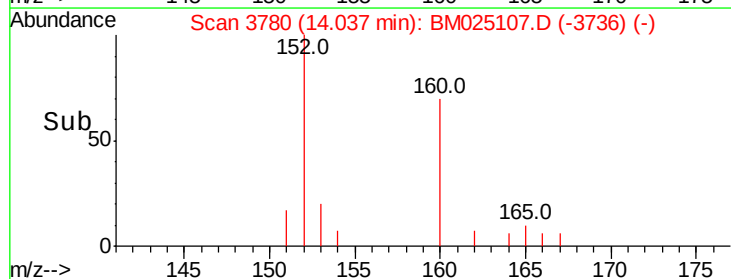
Abundance Ion 152.00 (151.70 to 152.70): E

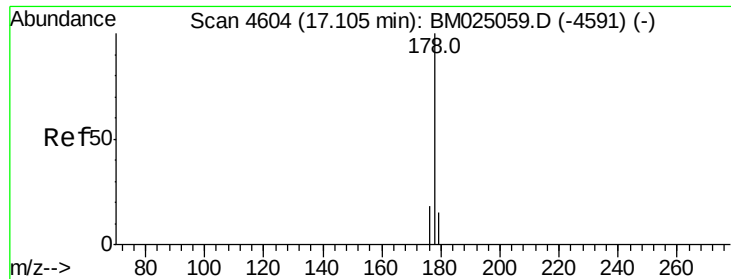
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->

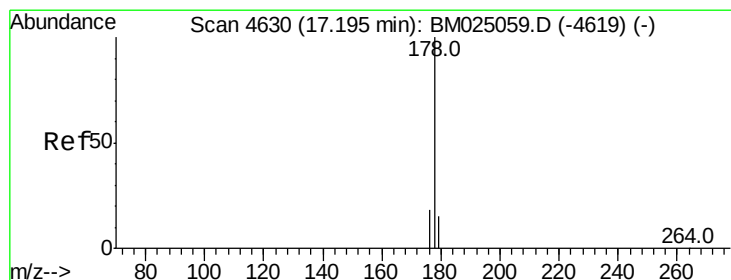
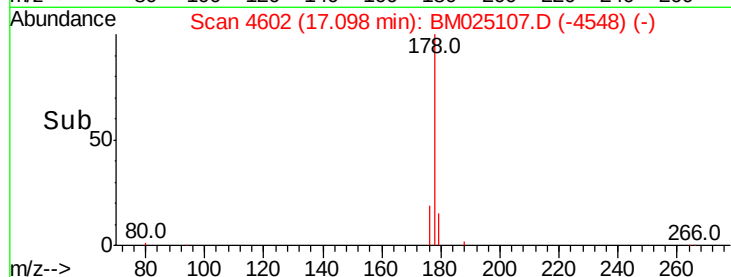
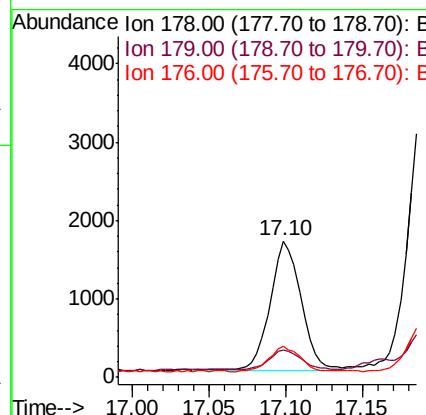
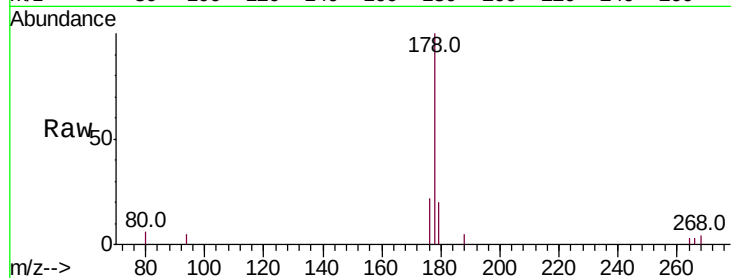




#12
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

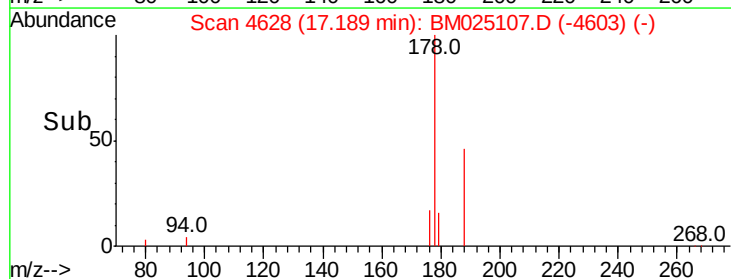
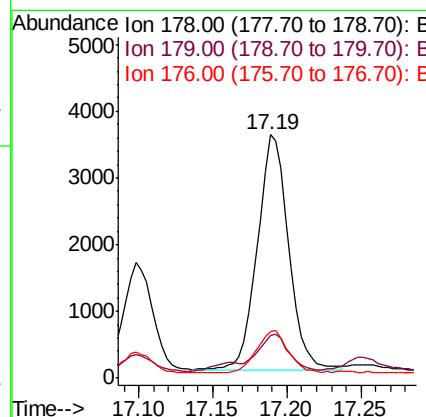
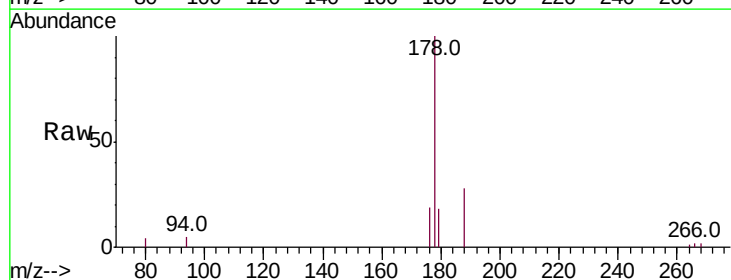
Instrument :
BNA_M
ClientSampleId :

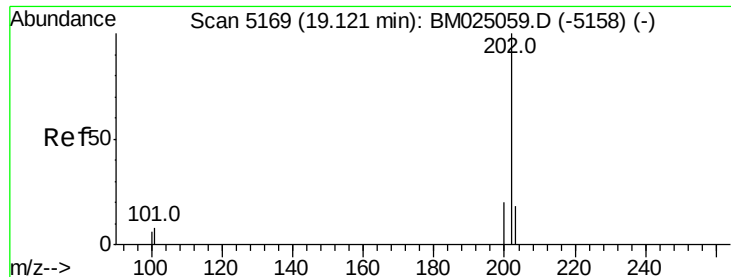
Tot Ion:178 Resp: 2316
Ion Ratio Lower Upper
178 100
179 20.0 14.0 21.0
176 22.5 16.6 24.8



#13
Anthracene
Concen: 0.110 ng/ul
RT: 17.19 min Scan# 4628
Delta R.T. -0.01 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Tgt Ion:178 Resp: 5106
Ion Ratio Lower Upper
178 100
179 17.7 14.1 21.1
176 19.2 16.2 24.4





#15

Fluoranthene

Concen: 0.640 ng/ul

RT: 19.12 min Scan# 5168

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

ClientSampled :

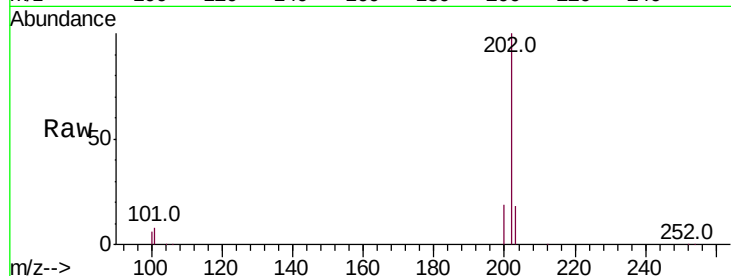
Tot Ion:202 Resp: 44740

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.4

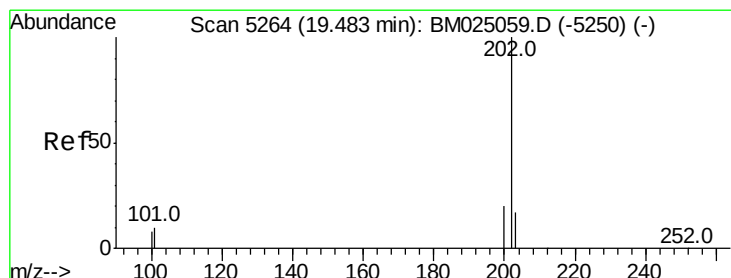
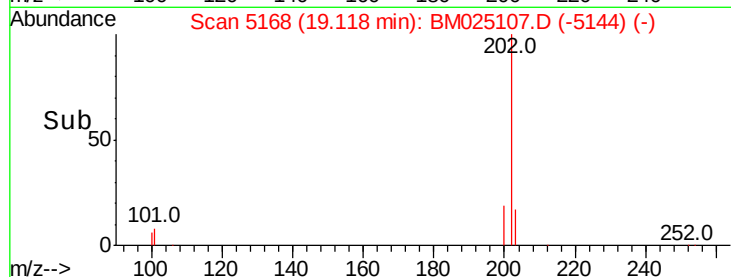
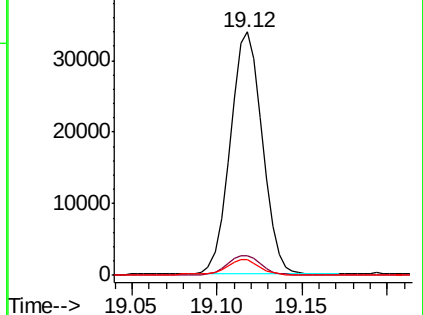
100 6.4 0.0 28.0



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): B



#17

Pyrene

Concen: 1.610 ng/ul

RT: 19.48 min Scan# 5263

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

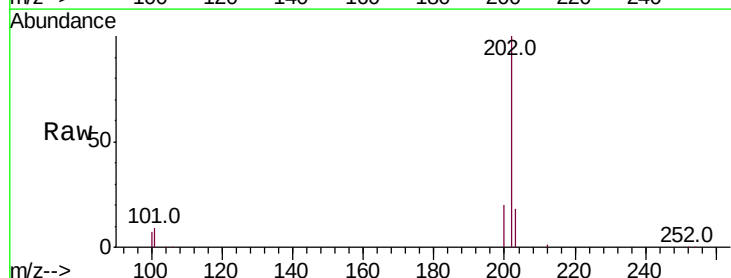
Tgt Ion:202 Resp: 105216

Ion Ratio Lower Upper

202 100

101 8.9 8.7 13.1

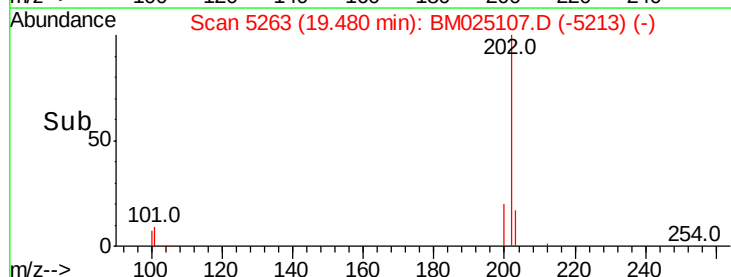
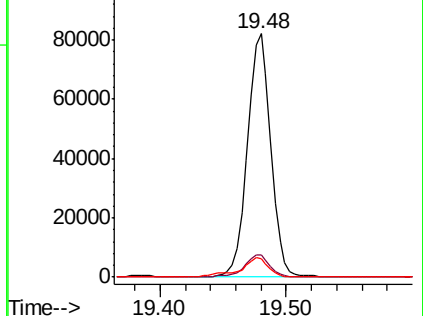
100 7.3 7.3 10.9#

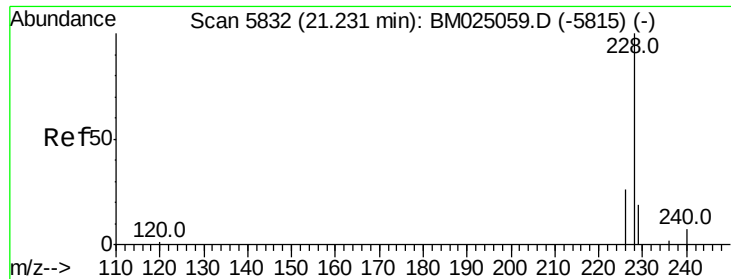


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.872 ng/ul

RT: 21.23 min Scan# 5830

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

ClientSampled :

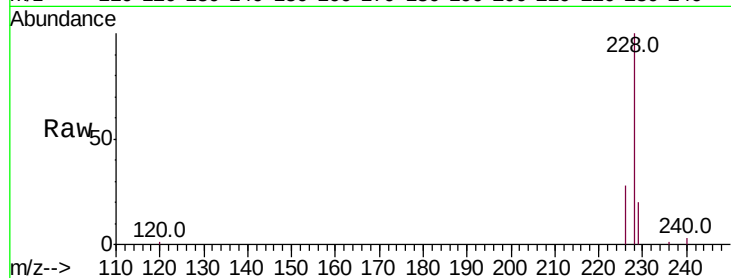
Tot Ion:228 Resp: 54560

Ion Ratio Lower Upper

228 100

229 20.4 16.6 25.0

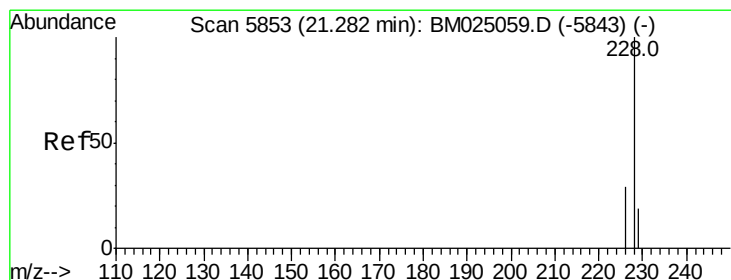
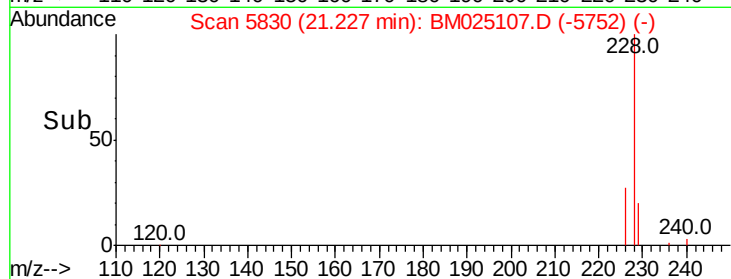
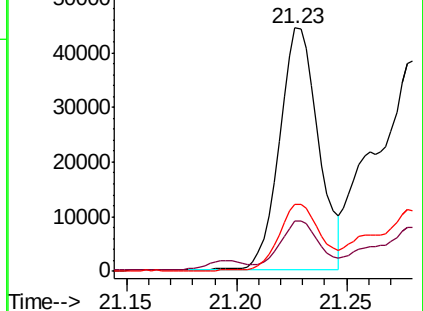
226 27.8 21.9 32.9



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: 1.092 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

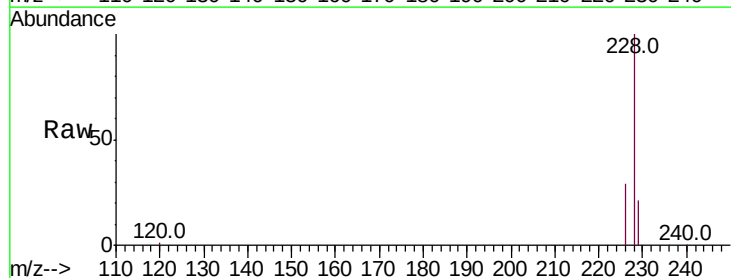
Tgt Ion:228 Resp: 68118

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

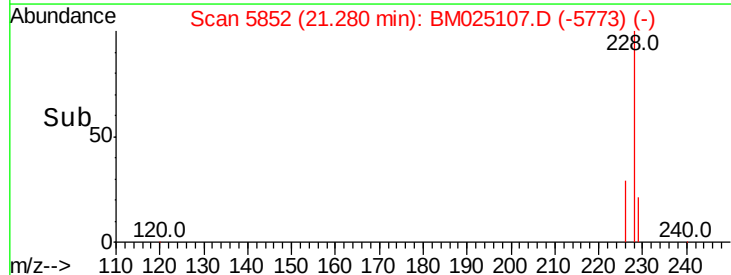
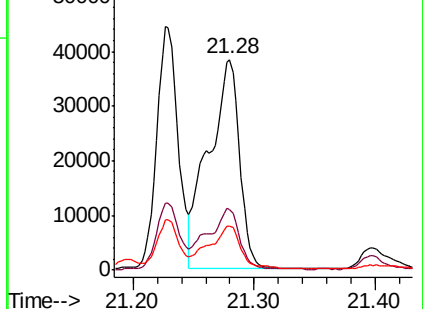
229 21.0 16.9 25.3

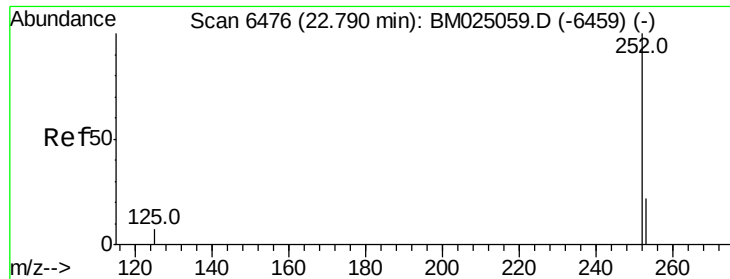


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.834 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

ClientSampleId :

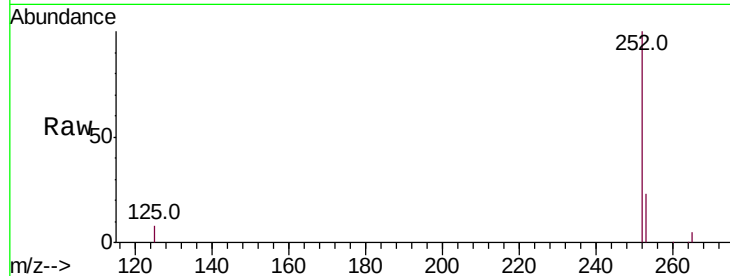
Tot Ion:252 Resp: 113906

Ion Ratio Lower Upper

252 100

253 23.3 0.0 49.8

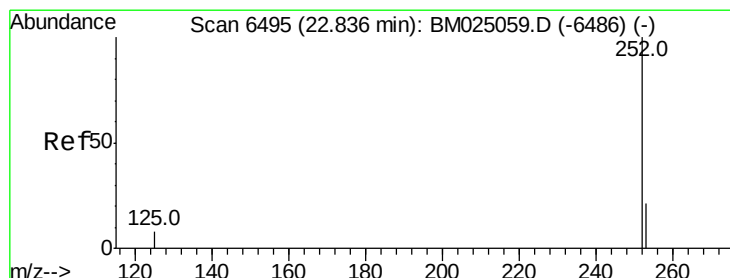
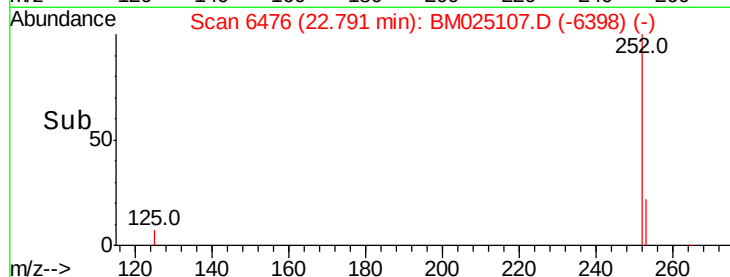
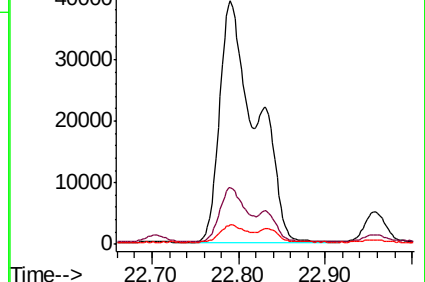
125 7.9 0.0 28.6



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: 1.851 ng/ul

RT: 22.79 min Scan# 6476

Delta R.T. -0.05 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

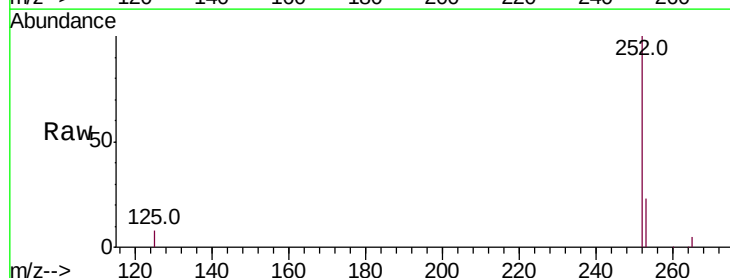
Tgt Ion:252 Resp: 113906

Ion Ratio Lower Upper

252 100

253 23.3 19.4 29.0

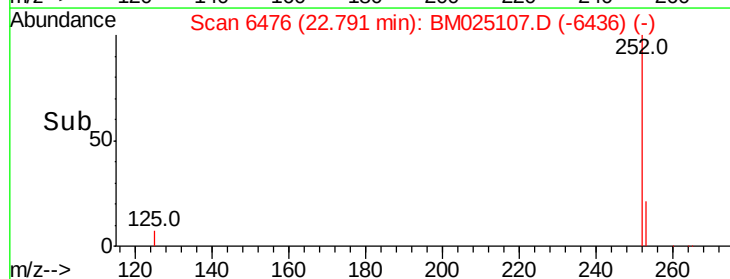
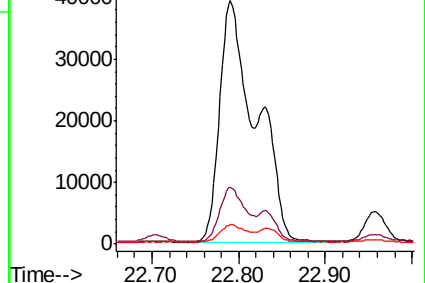
125 7.9 10.7 16.1#

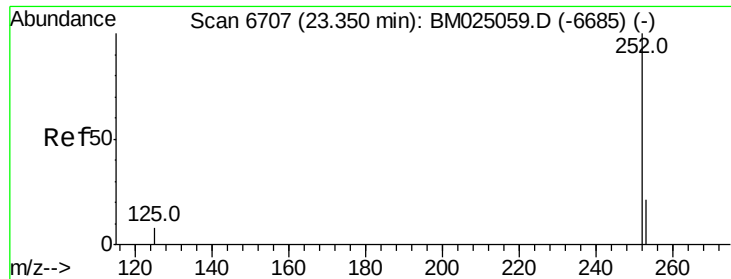


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.610 ng/ul

RT: 23.35 min Scan# 6706

Delta R.T. -0.01 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

Instrument :

BNA_M

ClientSampleId :

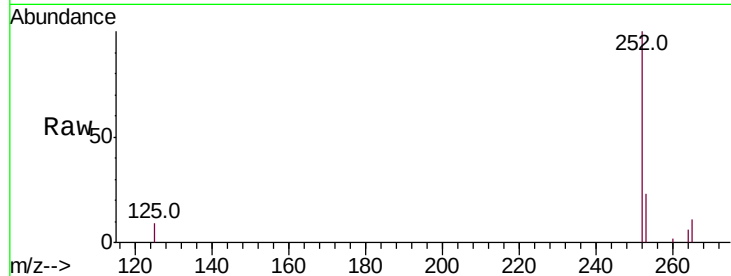
Tot Ion:252 Resp: 34625

Ion Ratio Lower Upper

252 100

253 23.5 20.3 30.5

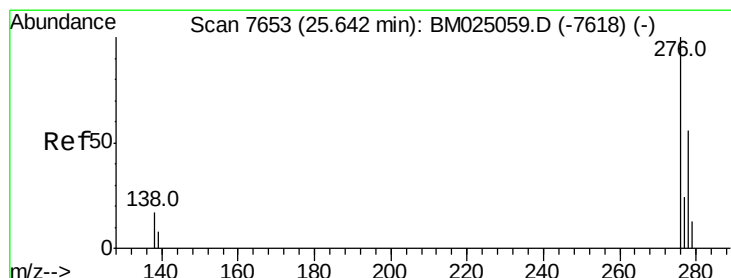
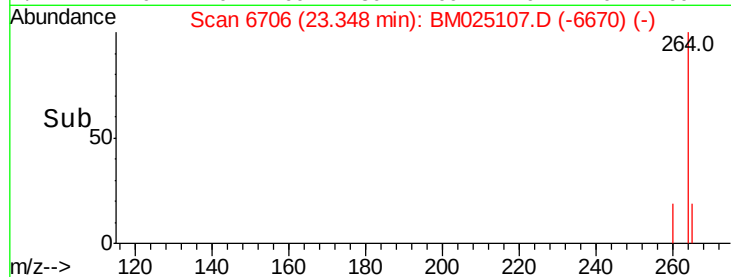
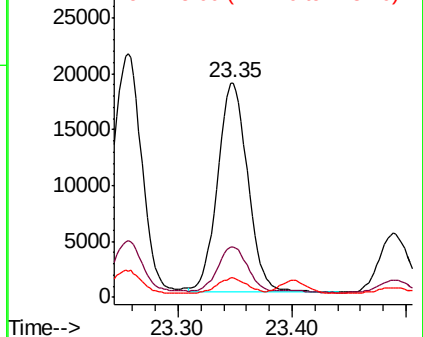
125 8.9 13.0 19.4#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.298 ng/ul

RT: 25.63 min Scan# 7649

Delta R.T. -0.02 min

Lab File: BM025107.D

Acq: 27 Feb 2020 17:21

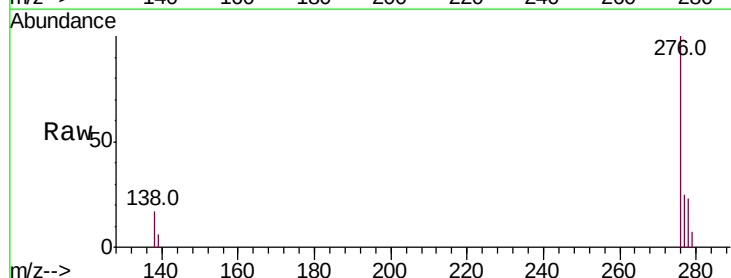
Tgt Ion:276 Resp: 21153

Ion Ratio Lower Upper

276 100

138 15.4 0.0 0.0#

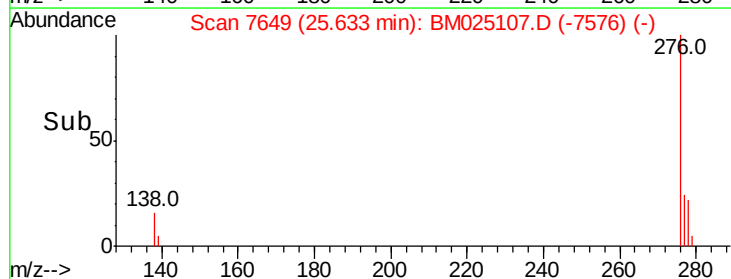
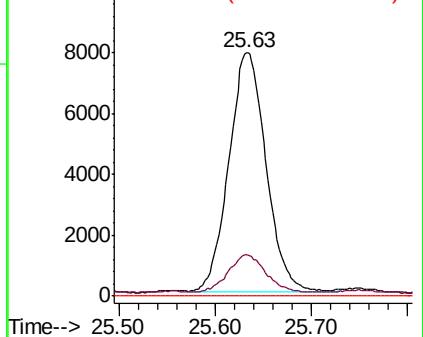
227 0.0 0.0 0.0

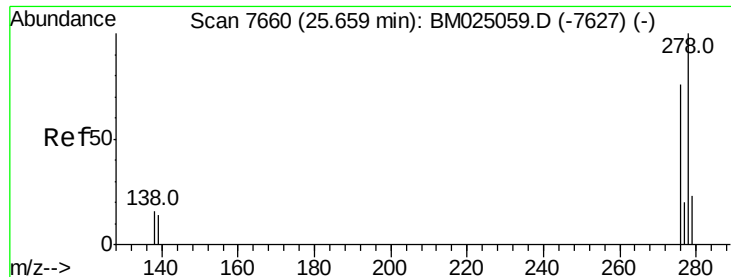


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

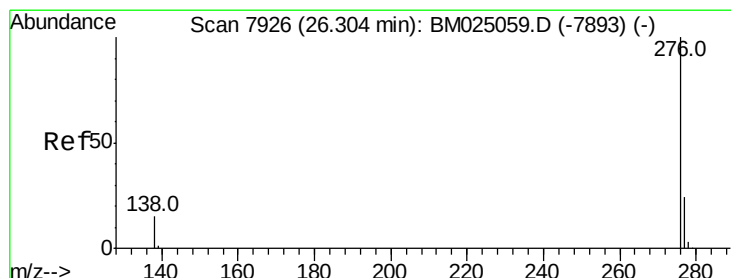
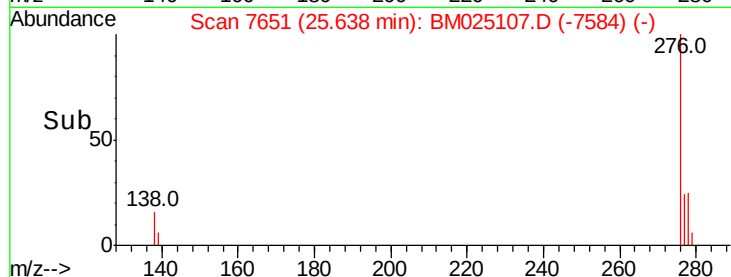
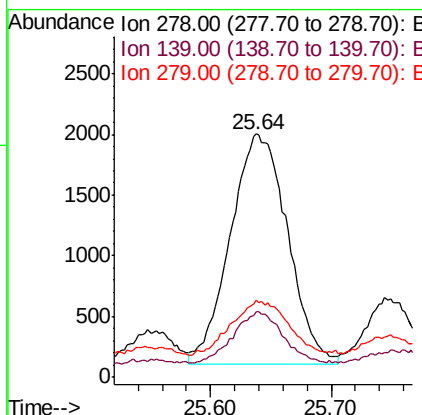
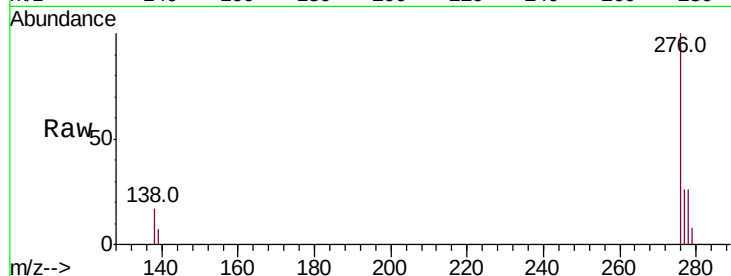




#25
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.04 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 6226
Ion Ratio Lower Upper
278 100
139 27.0 13.2 19.8#
279 31.6 21.0 31.4#



#26
Benzo(g,h,i)perylene
Concen: 0.216 ng/ul
RT: 26.29 min Scan# 7922
Delta R.T. -0.02 min
Lab File: BM025107.D
Acq: 27 Feb 2020 17:21

Tgt Ion:276 Resp: 12954
Ion Ratio Lower Upper
276 100
138 16.9 17.9 26.9#
277 26.3 20.5 30.7

