

Data File : BM027613.D
Acq On : 05 Oct 2020 19:49
Operator : JU/CG
Sample : L4184-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AJ6

Quant Time: Oct 06 01:24:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 06 01:23:11 2020
Response via : Initial Calibration

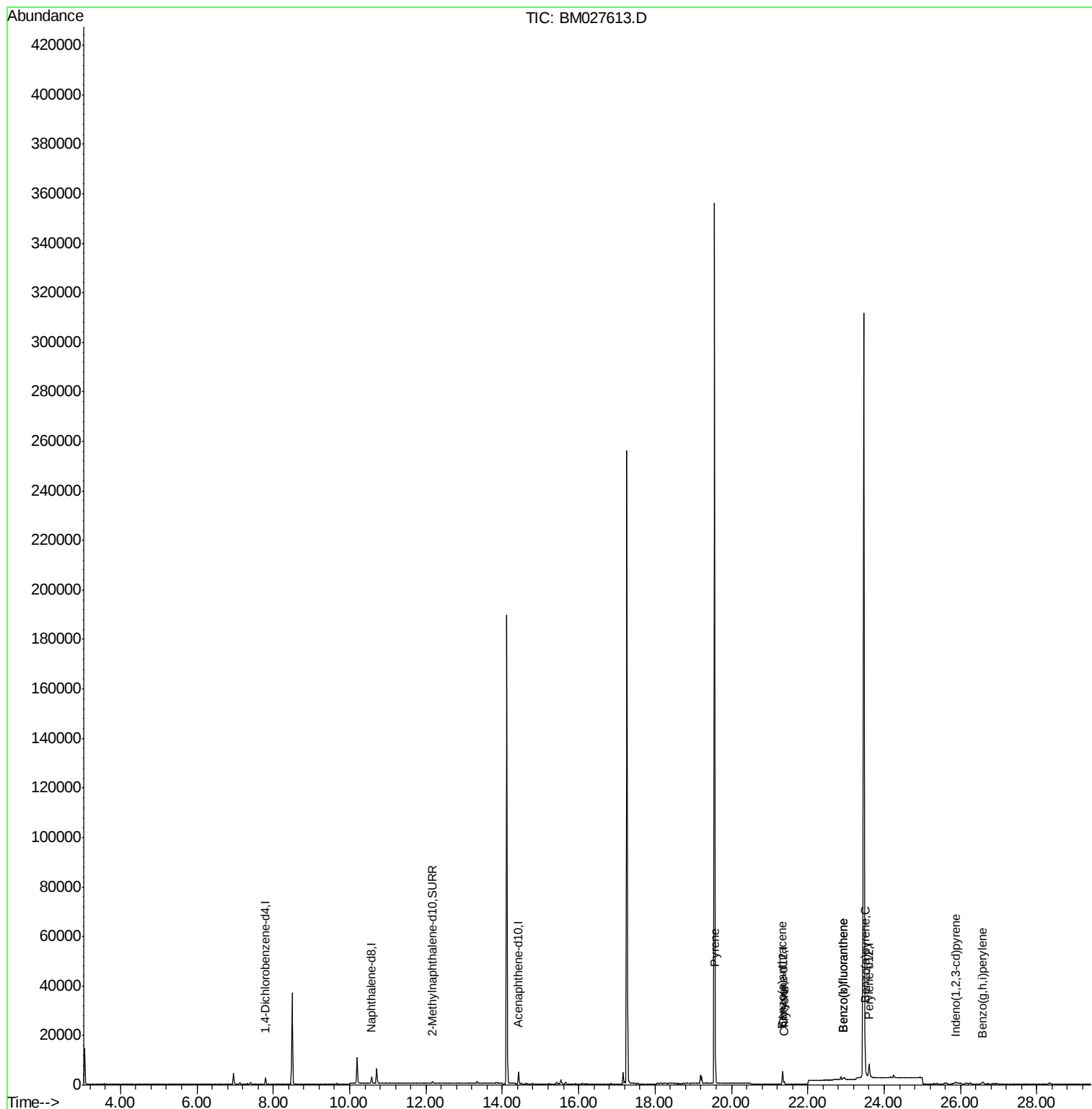
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1234	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3575	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	2557	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.17
16) Chrysene-d12	21.35	240	4652	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	7279	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	1299	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	3976	0.00	ng/ul	0.00
Target Compounds						
					Qvalue	
17) Pyrene	19.58	202	3244	0.153	ng/ul#	94
18) Benzo(a)anthracene	21.33	228	931	0.051	ng/ul#	88
19) Chrysene	21.38	228	1154	0.061	ng/ul#	94
21) Benzo(b)fluoranthene	22.93	252	2242	0.076	ng/ul#	42
22) Benzo(k)fluoranthene	22.93	252	2242	0.074	ng/ul#	42
23) Benzo(a)pyrene	23.51	252	1515	0.058	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	25.88	276	1200	0.035	ng/ul#	94
26) Benzo(g,h,i)perylene	26.58	276	1166	0.041	ng/ul#	73

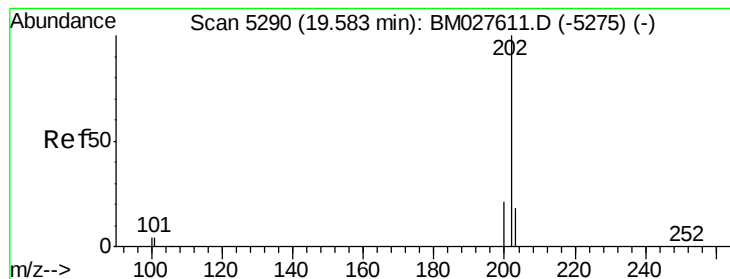
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 0.153 ng/ul

RT: 19.58 min Scan# 5290

Delta R.T. -0.00 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

Instrument :

BNA_M

ClientSampleId :

C0AJ6

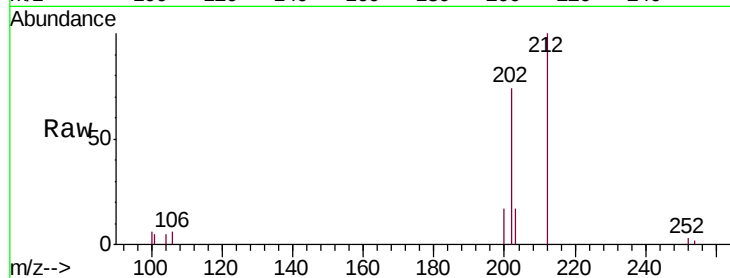
Tgt Ion:202 Resp: 3244

Ion Ratio Lower Upper

202 100

101 7.1 4.7 7.1#

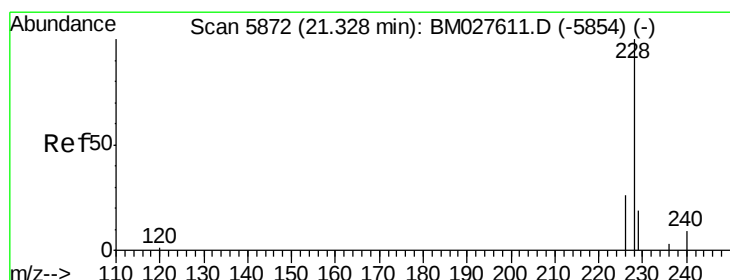
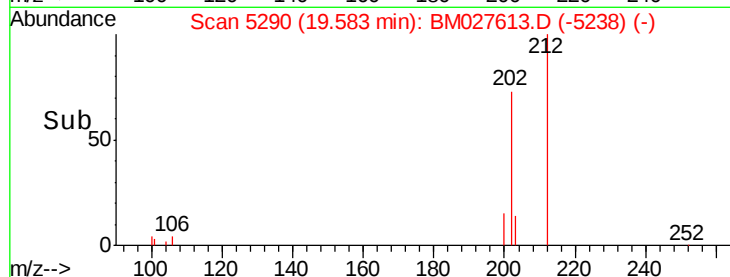
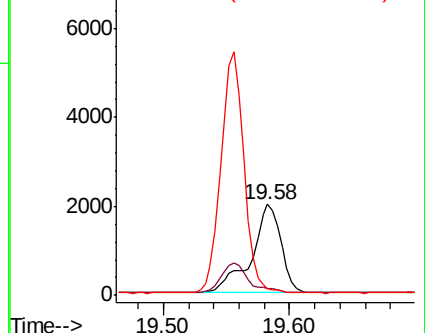
100 7.7 3.9 5.9#



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: 0.051 ng/ul

RT: 21.33 min Scan# 5872

Delta R.T. -0.00 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

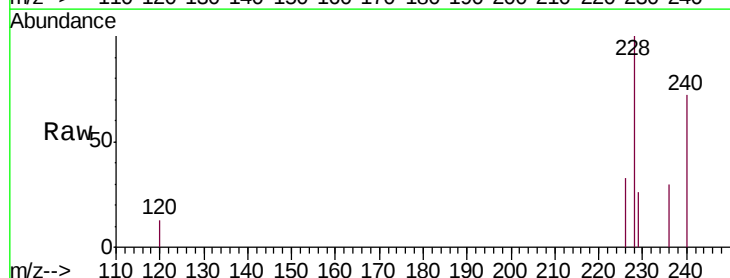
Tgt Ion:228 Resp: 931

Ion Ratio Lower Upper

228 100

229 26.4 15.6 23.4#

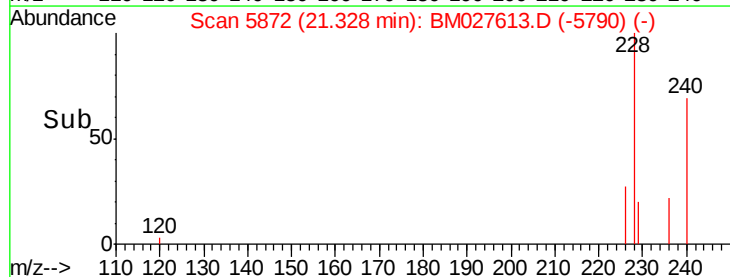
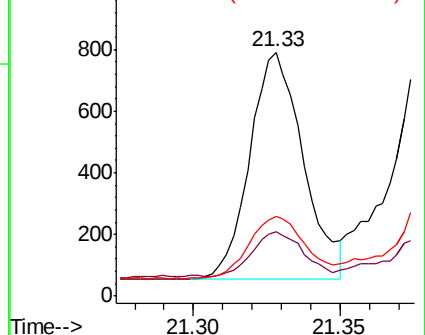
226 32.6 21.8 32.8

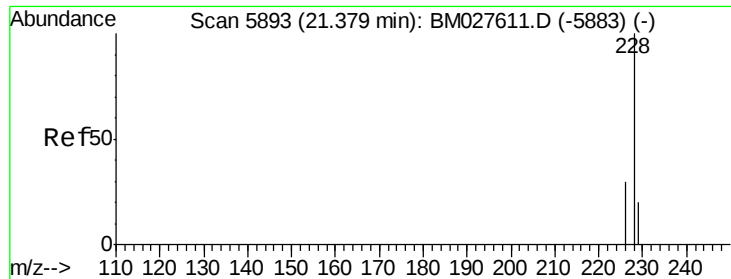


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.061 ng/ul

RT: 21.38 min Scan# 5894

Delta R.T. -0.00 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

Instrument :

BNA_M

ClientSampleId :

C0AJ6

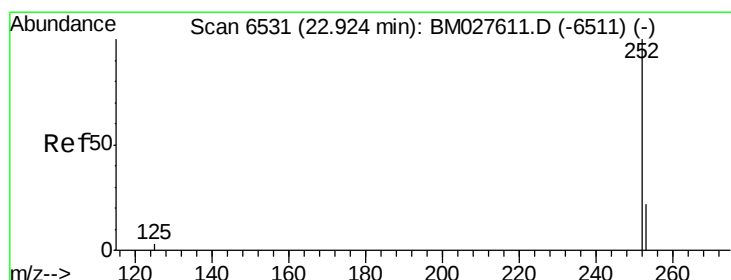
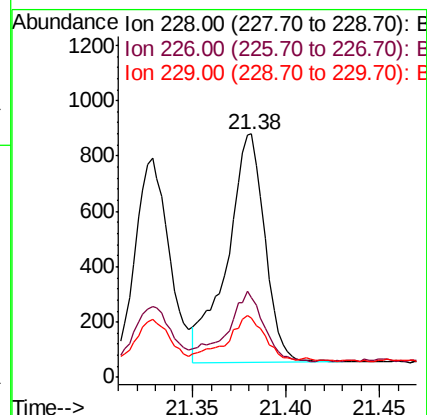
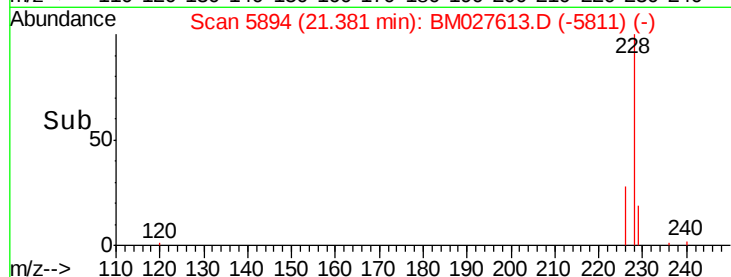
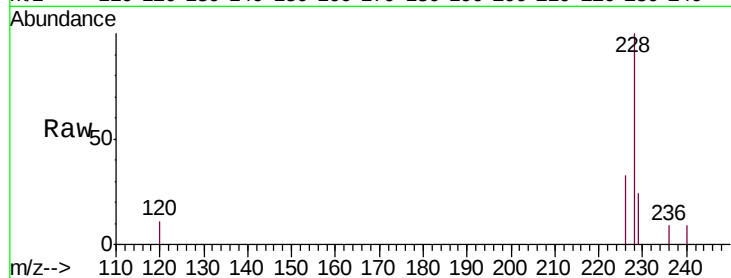
Tgt Ion:228 Resp: 1154

Ion Ratio Lower Upper

228 100

226 32.6 24.2 36.4

229 24.2 15.8 23.8#



#21

Benzo(b)fluoranthene

Concen: 0.076 ng/ul

RT: 22.93 min Scan# 6532

Delta R.T. -0.00 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

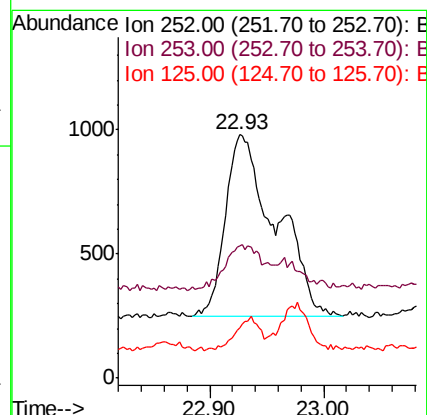
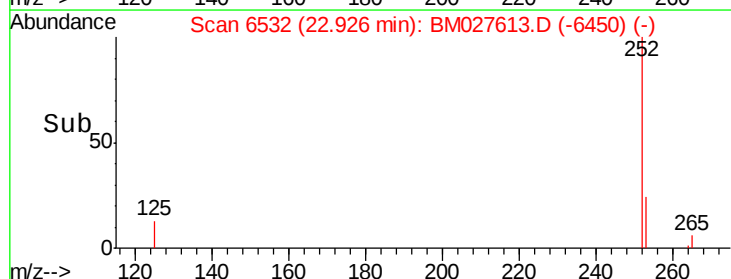
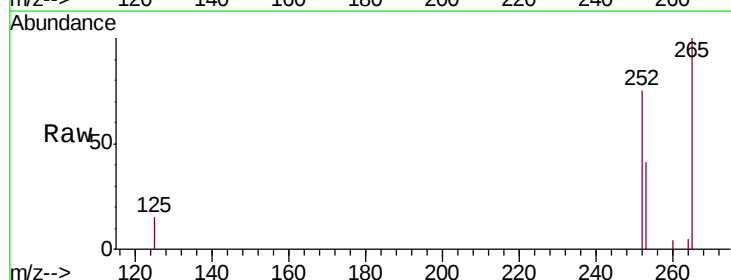
Tgt Ion:252 Resp: 2242

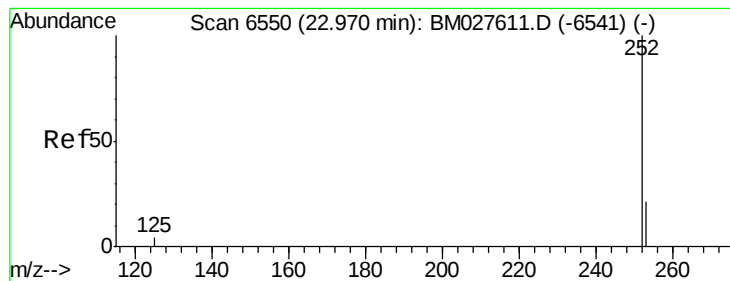
Ion Ratio Lower Upper

252 100

253 54.3 0.0 48.2#

125 20.7 0.0 10.6#





#22

Benzo(k)fluoranthene

Concen: 0.074 ng/u1

RT: 22.93 min Scan# 6532

Delta R.T. -0.05 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

Instrument :

BNA_M

ClientSampleId :

C0AJ6

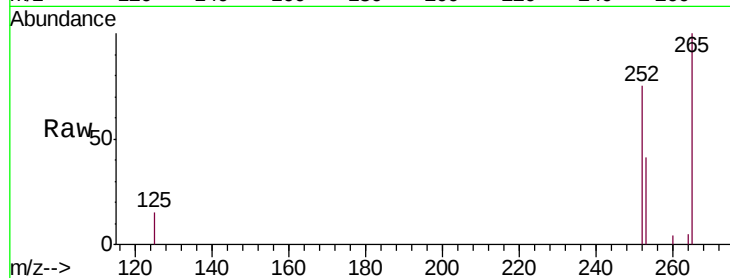
Tgt Ion:252 Resp: 2242

Ion Ratio Lower Upper

252 100

253 54.3 19.1 28.7#

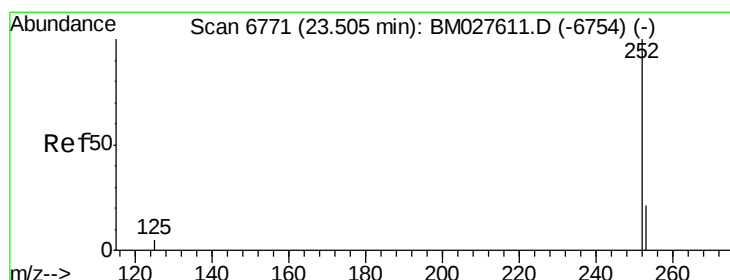
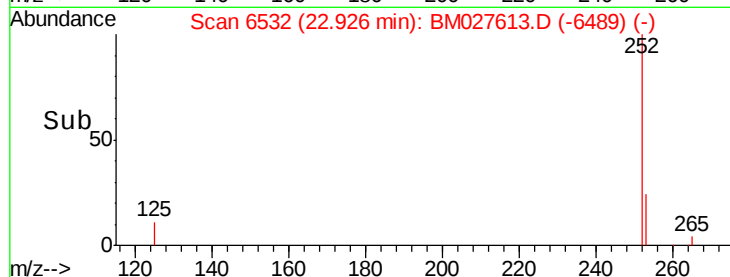
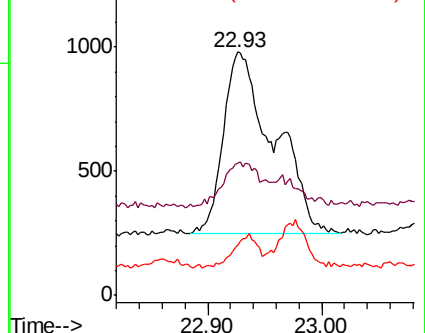
125 20.7 5.0 7.4#



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



#23

Benzo(a)pyrene

Concen: 0.058 ng/u1

RT: 23.51 min Scan# 6771

Delta R.T. -0.00 min

Lab File: BM027613.D

Acq: 05 Oct 2020 19:49

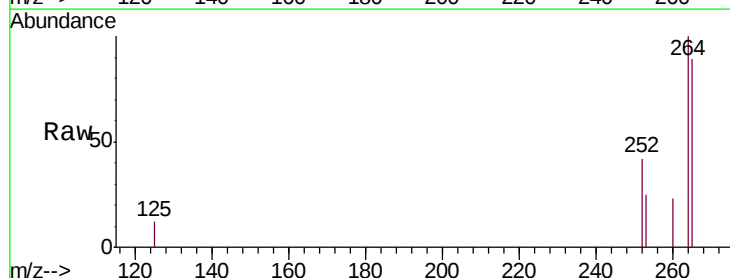
Tgt Ion:252 Resp: 1515

Ion Ratio Lower Upper

252 100

253 59.4 19.6 29.4#

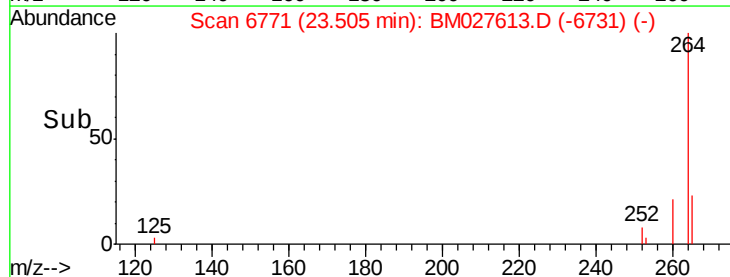
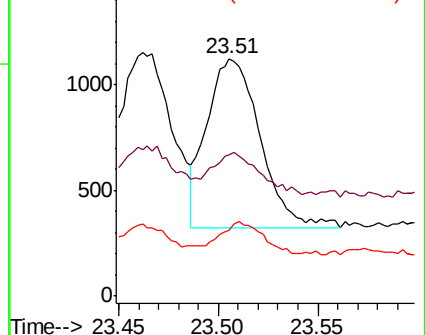
125 27.6 5.0 7.6#

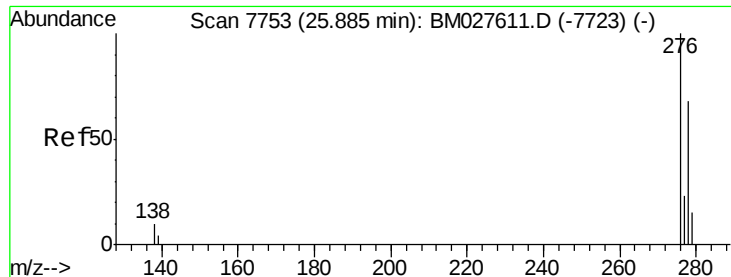


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



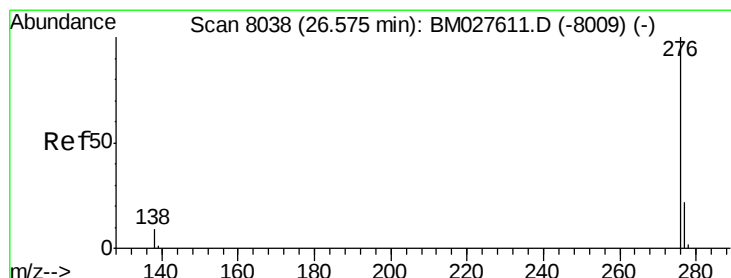
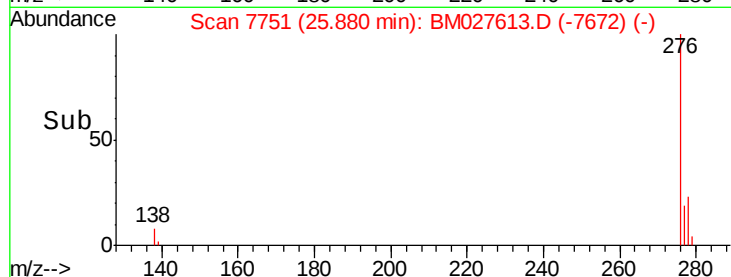
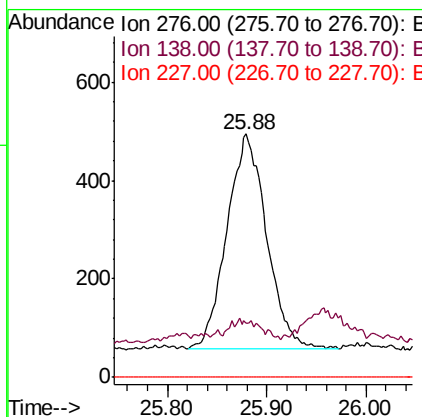
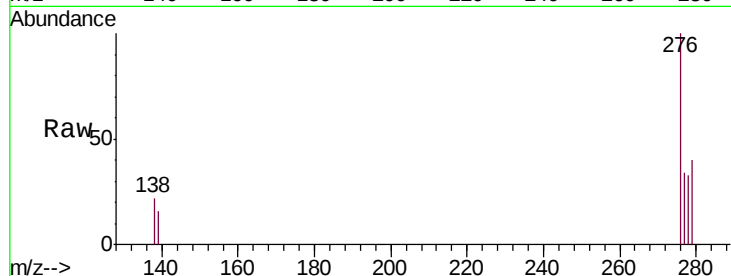


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/u1
RT: 25.88 min Scan# 7751
Delta R.T. -0.01 min
Lab File: BM027613.D
Acq: 05 Oct 2020 19:49

Instrument :
BNA_M
ClientSampleId :
C0AJ6

Tgt Ion: 276 Resp: 1200
Ion Ratio Lower Upper
276 100
138 8.5 8.6 12.8#
227 0.0 0.0 0.0



#26

Benzo(g,h,i)perylene
Concen: 0.041 ng/u1
RT: 26.58 min Scan# 8039
Delta R.T. -0.01 min
Lab File: BM027613.D
Acq: 05 Oct 2020 19:49

Tgt Ion: 276 Resp: 1166
Ion Ratio Lower Upper
276 100
138 22.0 9.0 13.4#
277 37.5 19.4 29.0#

