

Data File : BM021802.D
Acq On : 04 Aug 2019 08:42
Operator : HP/JU
Sample : K3863-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52G3

Quant Time: Aug 05 05:29:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	993	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3958	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2282	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	194288	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	10075	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	871	0.13	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

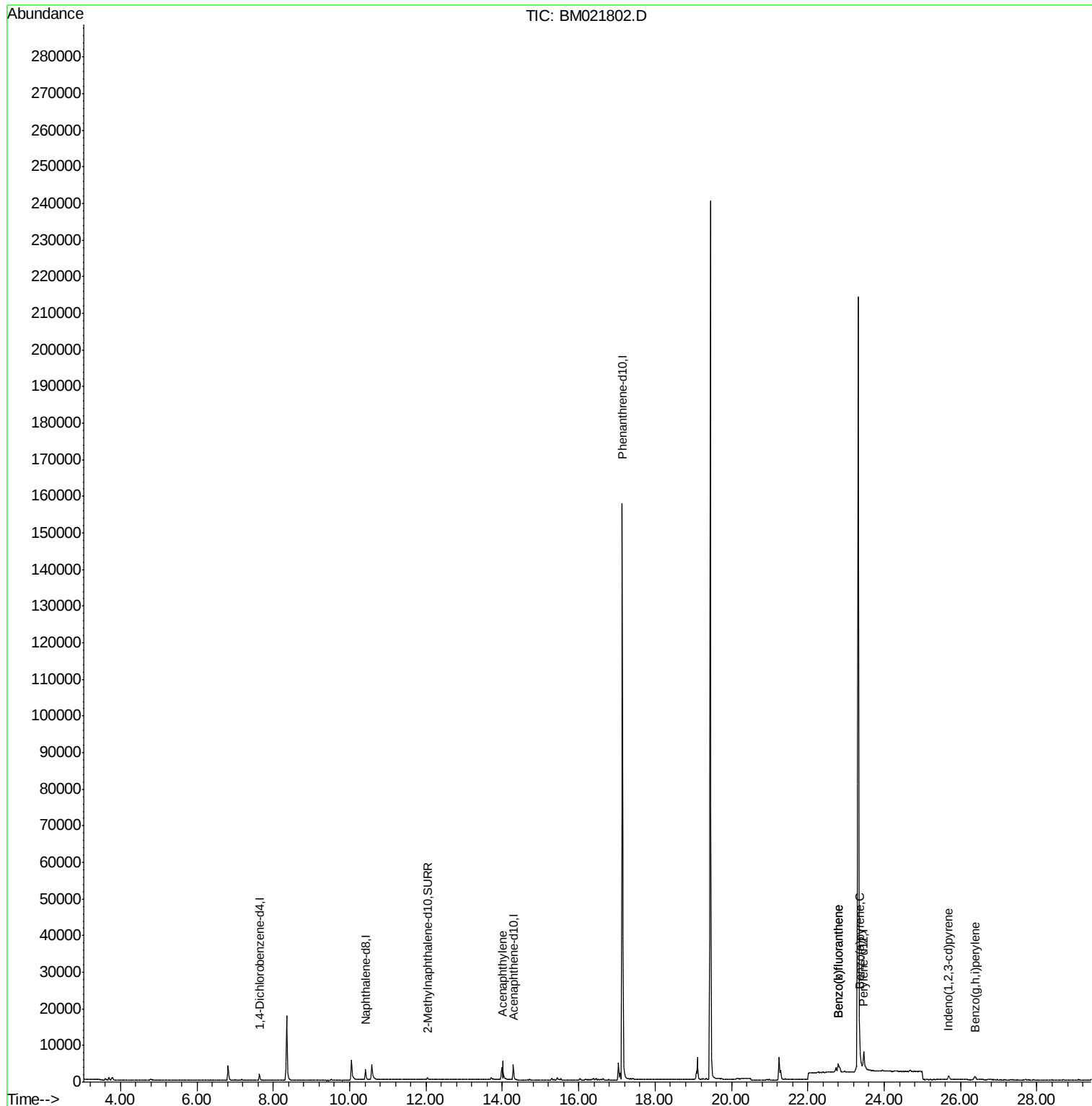
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	246	0.023	ng/ul#	58
21) Benzo(b)fluoranthene	22.80	252	5517	0.162	ng/ul	87
22) Benzo(k)fluoranthene	22.80	252	5517	0.143	ng/ul#	87
23) Benzo(a)pyrene	23.36	252	2390	0.069	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.69	276	1941	0.047	ng/ul#	94
26) Benzo(g,h,i)perylene	26.37	276	2092	0.056	ng/ul#	85

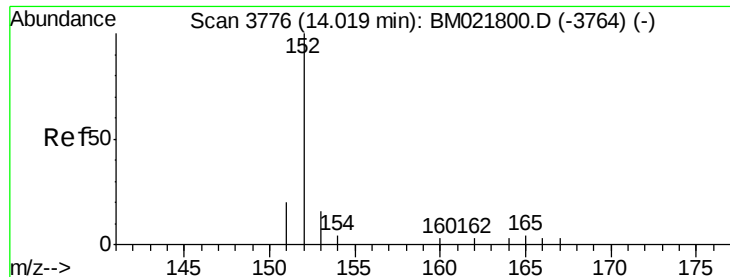
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

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Acq: 04 Aug 2019 08:42

Instrument :

BNA_M

ClientSampleId :

A52G3

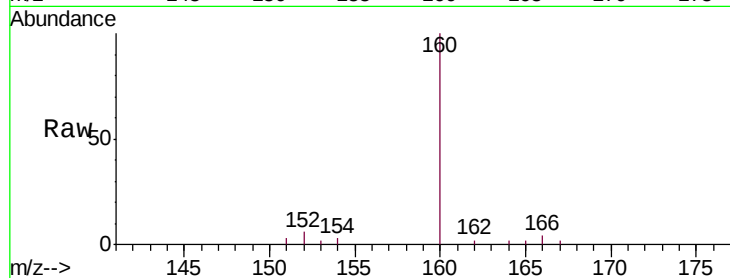
Tgt Ion:152 Resp: 246

Ion Ratio Lower Upper

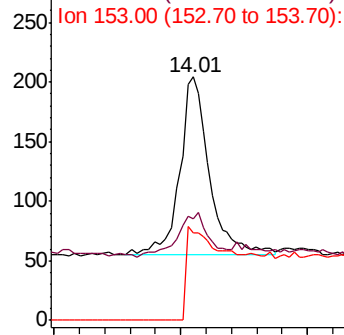
152 100

151 41.7 18.3 27.5#

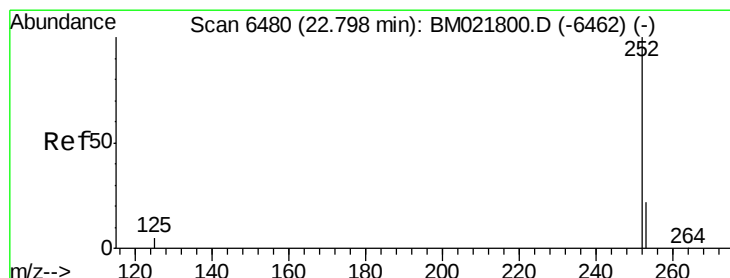
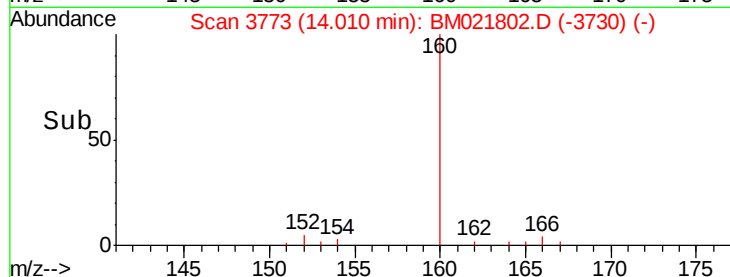
153 36.3 12.8 19.2#



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--> 13.90 14.00 14.10



#21

Benzo(b)fluoranthene

Concen: 0.162 ng/ul

RT: 22.80 min Scan# 6479

Delta R.T. -0.00 min

Lab File: BM021802.D

Acq: 04 Aug 2019 08:42

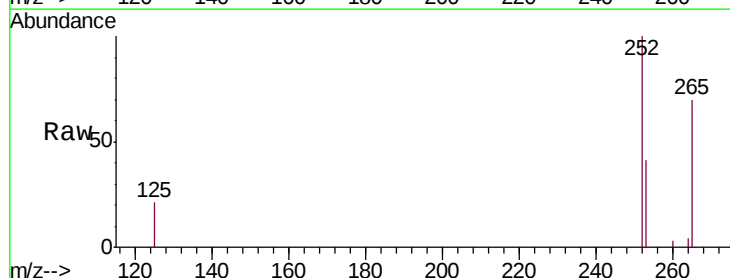
Tgt Ion:252 Resp: 5517

Ion Ratio Lower Upper

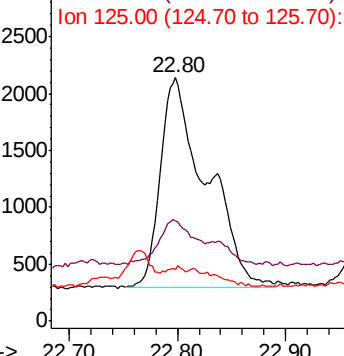
252 100

253 41.0 0.0 67.4

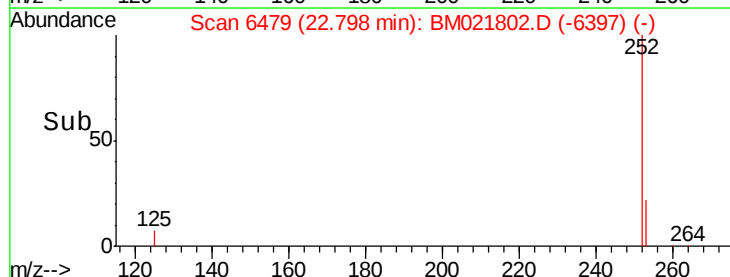
125 21.2 0.0 31.0

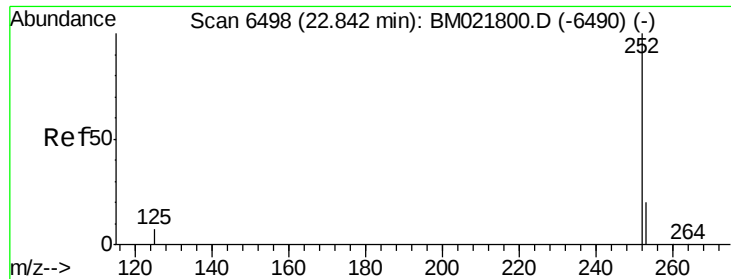


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.80 22.90





#22

Benzo(k)fluoranthene

Concen: 0.143 ng/u1

RT: 22.80 min Scan# 6479

Delta R.T. -0.04 min

Lab File: BM021802.D

Acq: 04 Aug 2019 08:42

Instrument :

BNA_M

ClientSampleId :

A52G3

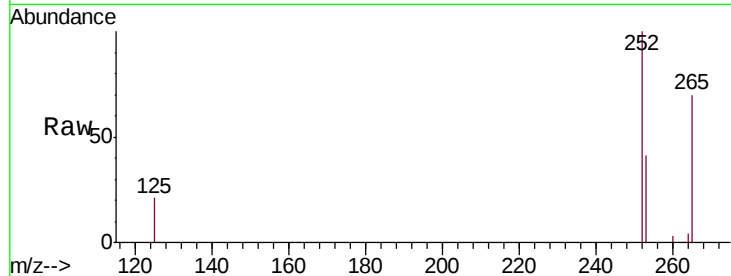
Tgt Ion:252 Resp: 5517

Ion Ratio Lower Upper

252 100

253 41.0 27.0 40.4#

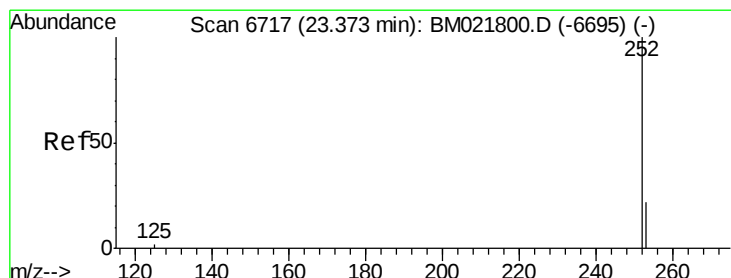
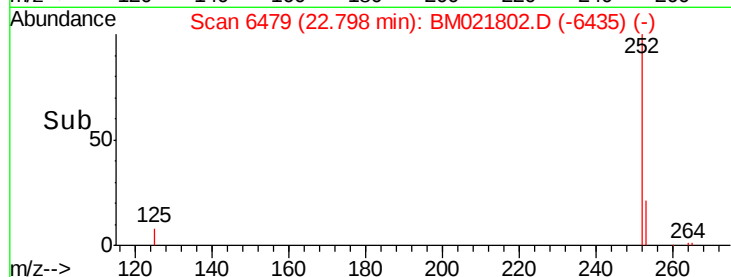
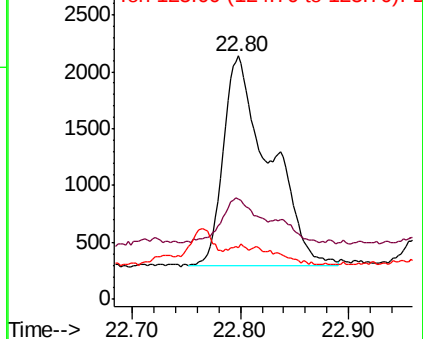
125 21.2 12.2 18.2#



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: 0.069 ng/u1

RT: 23.36 min Scan# 6712

Delta R.T. -0.01 min

Lab File: BM021802.D

Acq: 04 Aug 2019 08:42

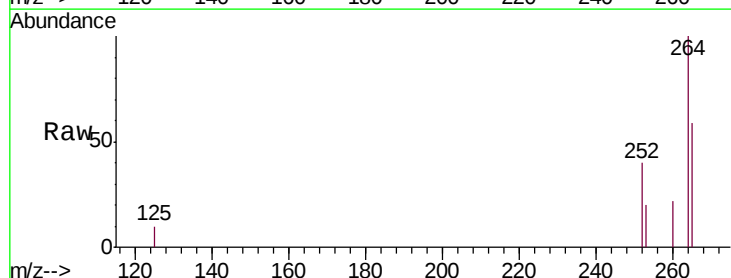
Tgt Ion:252 Resp: 2390

Ion Ratio Lower Upper

252 100

253 49.1 31.7 47.5#

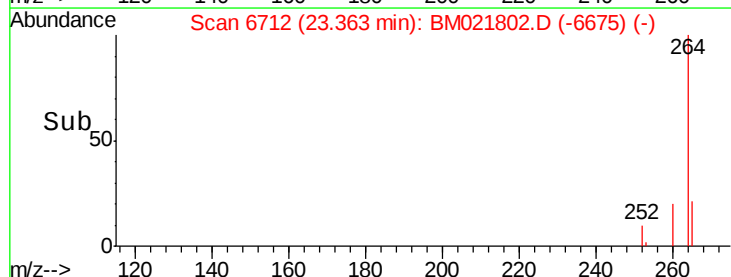
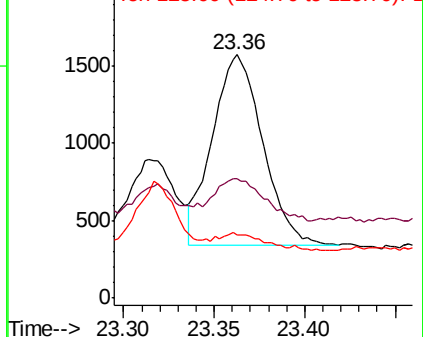
125 25.9 14.6 21.8#

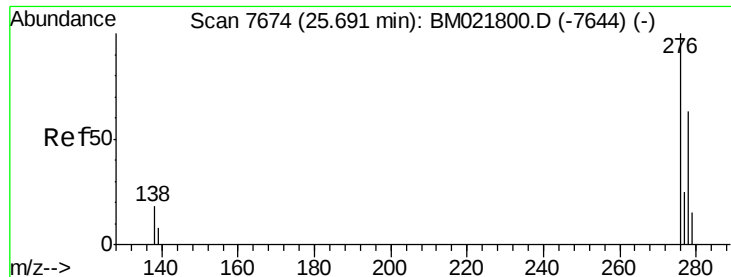


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

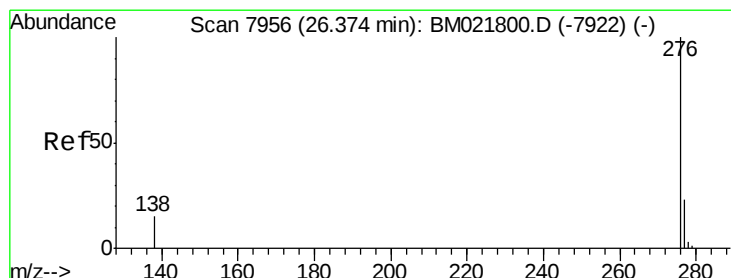
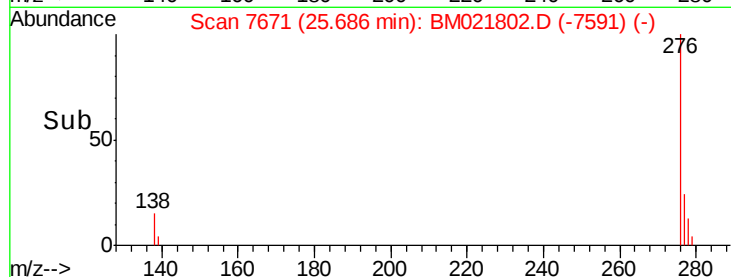
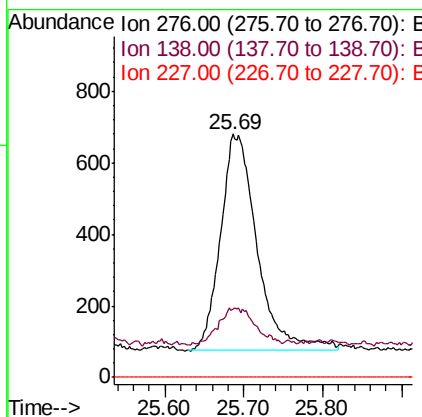
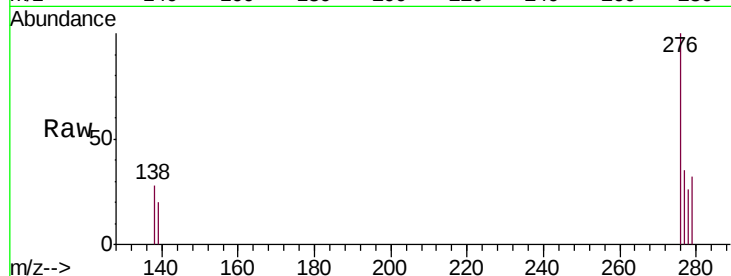




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.047 ng/u1
 RT: 25.69 min Scan# 7671
 Delta R.T. -0.01 min
 Lab File: BM021802.D
 Acq: 04 Aug 2019 08:42

Instrument :
 BNA_M
 ClientSampleId :
 A52G3

Tgt Ion:276 Resp: 1941
 Ion Ratio Lower Upper
 276 100
 138 16.3 15.1 22.7
 227 0.0 0.0 0.0



#26
 Benzo(g,h,i)perylene
 Concen: 0.056 ng/u1
 RT: 26.37 min Scan# 7953
 Delta R.T. -0.01 min
 Lab File: BM021802.D
 Acq: 04 Aug 2019 08:42

Tgt Ion:276 Resp: 2092
 Ion Ratio Lower Upper
 276 100
 138 27.1 15.5 23.3#
 277 34.0 21.4 32.2#

