

Data Path : Z:\HPCHEM1\BNA M\DATA\BM053017\
 Data File : BM010315.D
 Acq On : 30 May 2017 17:12
 Operator : SJ/MA
 Sample : I3162-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 31 06:02:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 06:00:47 2017
 Response via : Initial Calibration

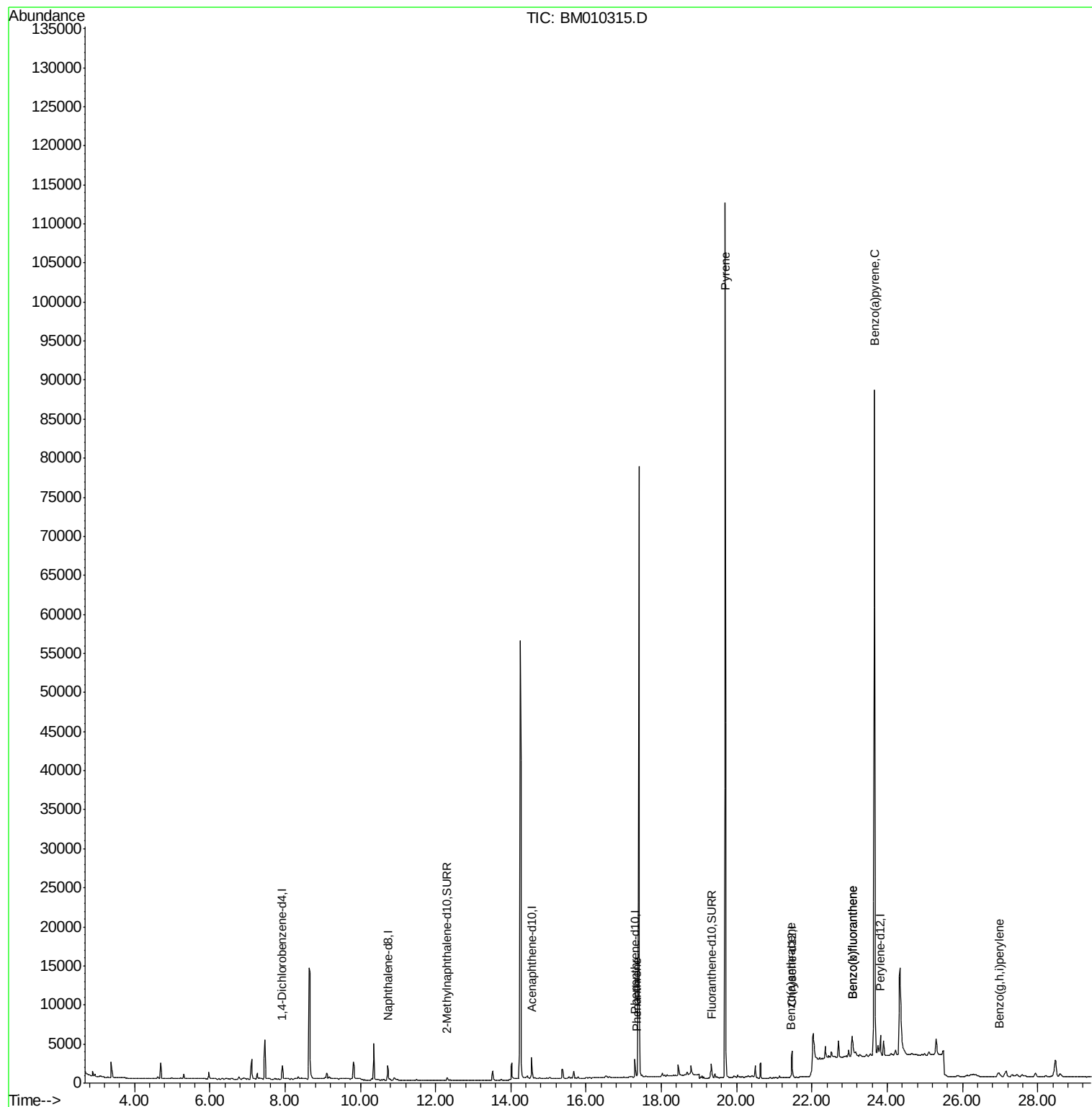
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	953	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	2767	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1489	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3274	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	3356	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	3561	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	524	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	1393	0.16	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.35	178	221	0.02	ng/ul#	23
17) Pyrene	19.69	202	457	0.03	ng/ul#	1
18) Benzo(a)anthracene	21.43	228	488	0.04	ng/ul#	60
21) Benzo(b)fluoranthene	23.09	252	445	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	23.09	252	445	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.66	252	906	0.06	ng/ul#	1
26) Benzo(g,h,i)perylene	26.96	276	345	0.02	ng/ul#	1

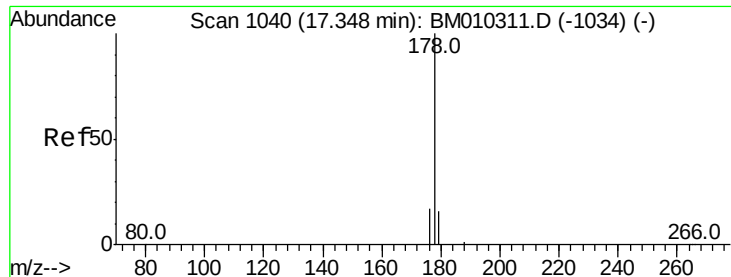
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.35 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BM010315.D

Acq: 30 May 2017 17:12

Instrument :

BNA_M

ClientSampleId :

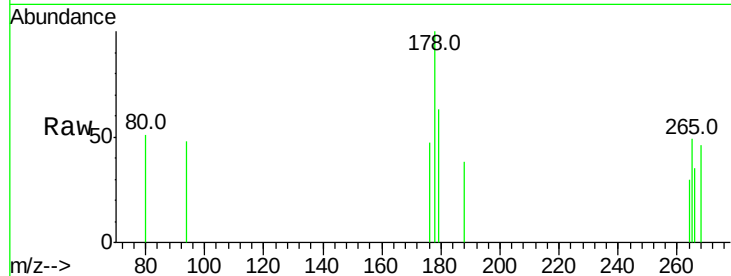
Tot Ion:178 Resp: 221

Ion Ratio Lower Upper

178 100

176 46.6 15.6 23.4#

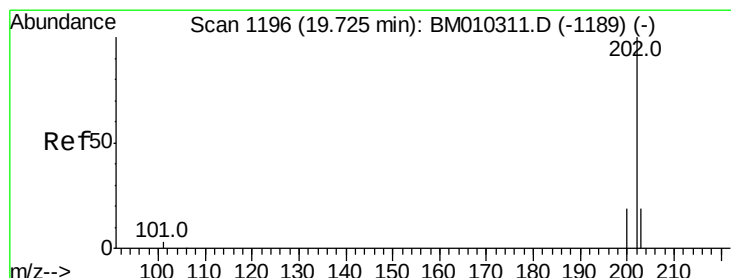
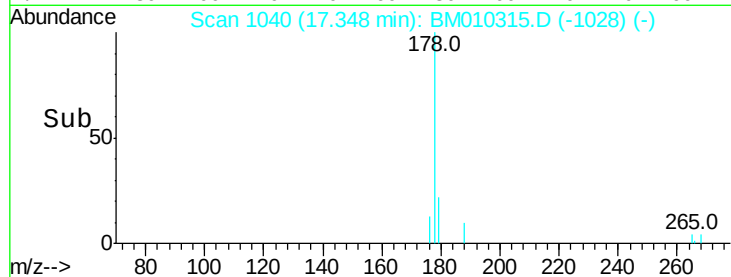
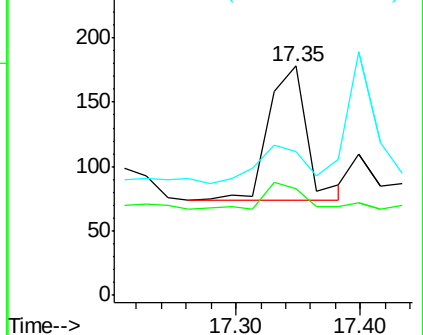
179 62.9 15.8 23.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.04 min

Lab File: BM010315.D

Acq: 30 May 2017 17:12

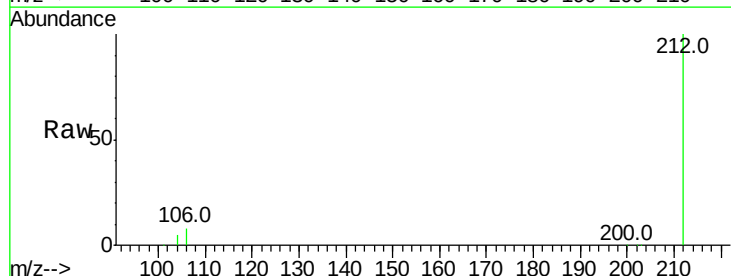
Tgt Ion:202 Resp: 457

Ion Ratio Lower Upper

202 100

200 31.7 16.4 24.6#

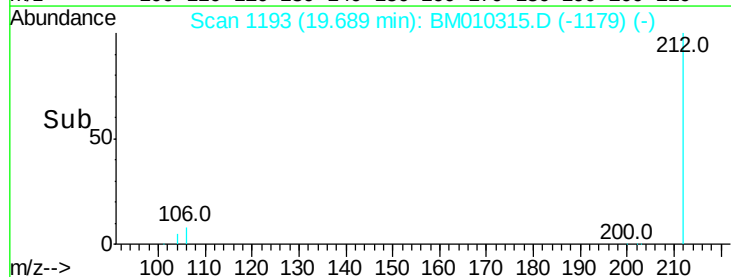
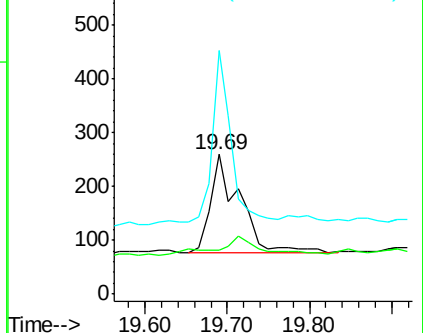
203 174.9 17.5 26.3#

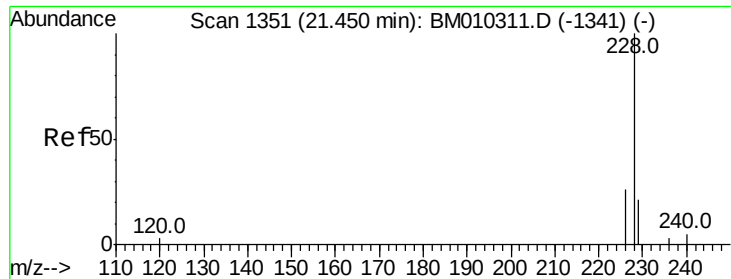


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BM010315.D

Acq: 30 May 2017 17:12

Instrument :

BNA_M

ClientSampleId :

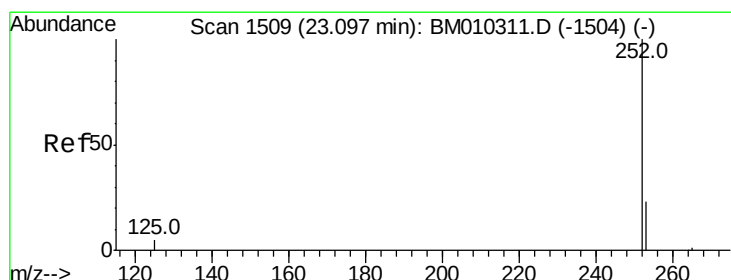
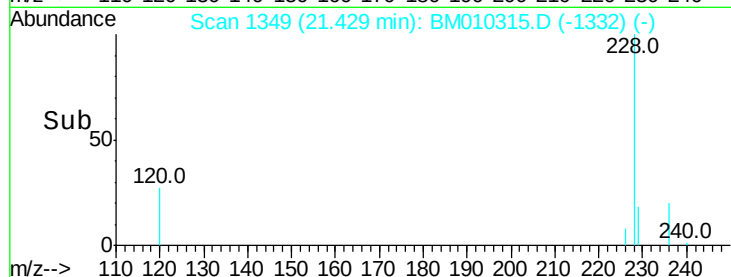
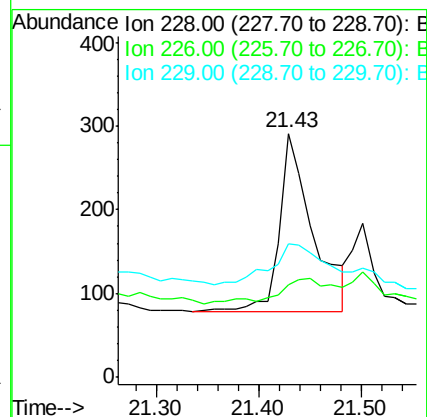
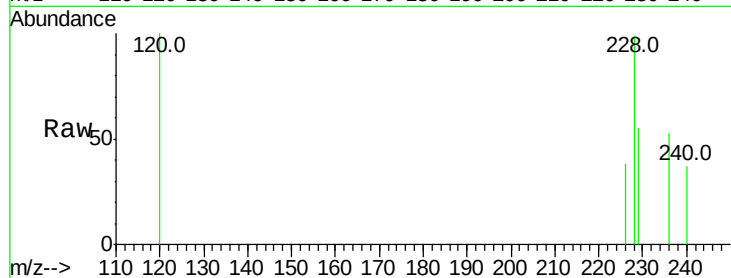
Tot Ion:228 Resp: 488

Ion Ratio Lower Upper

228 100

226 38.1 22.6 34.0#

229 55.0 17.9 26.9#



#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 23.09 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM010315.D

Acq: 30 May 2017 17:12

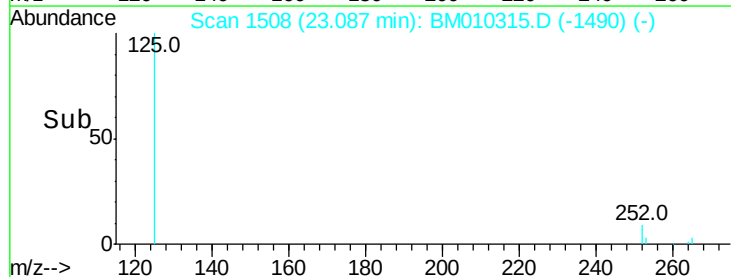
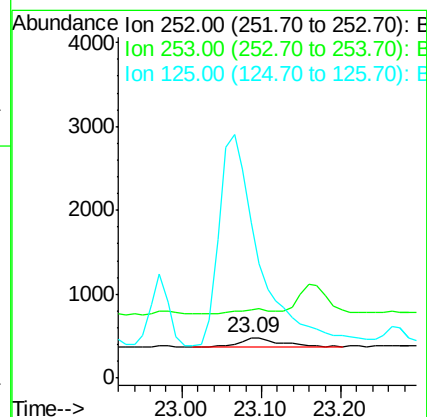
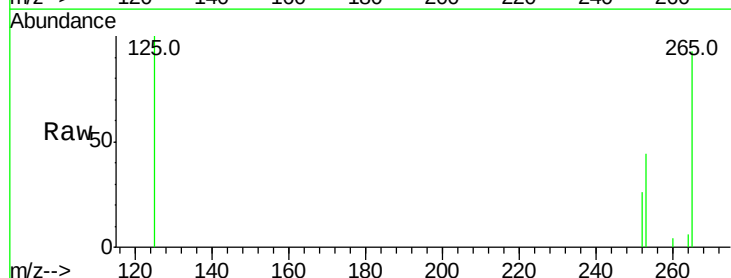
Tgt Ion:252 Resp: 445

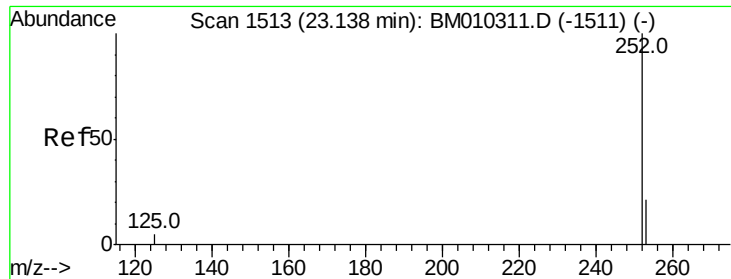
Ion Ratio Lower Upper

252 100

253 166.8 0.0 83.0#

125 382.1 0.0 23.2#





#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 23.09 min Scan# 1508

Delta R.T. -0.05 min

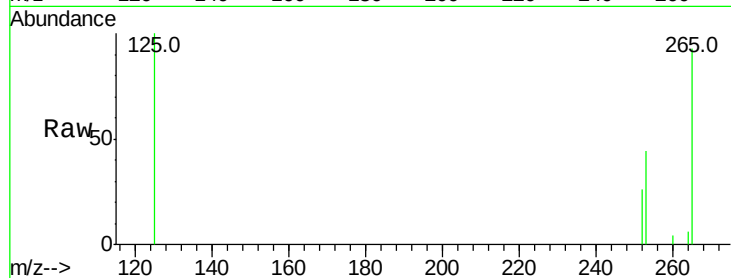
Lab File: BM010315.D

Acq: 30 May 2017 17:12

Instrument :

BNA_M

ClientSampleId :



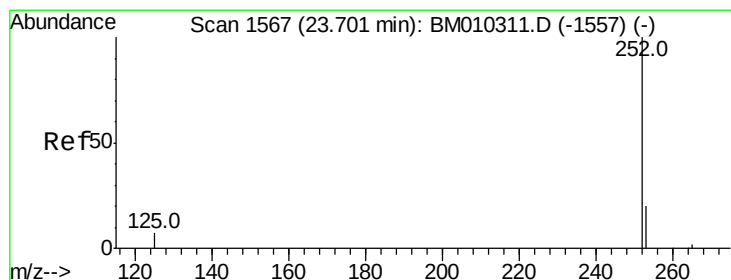
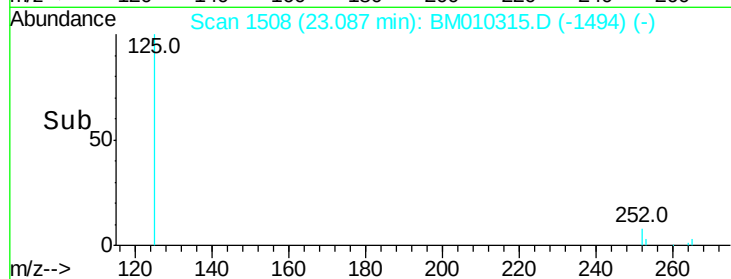
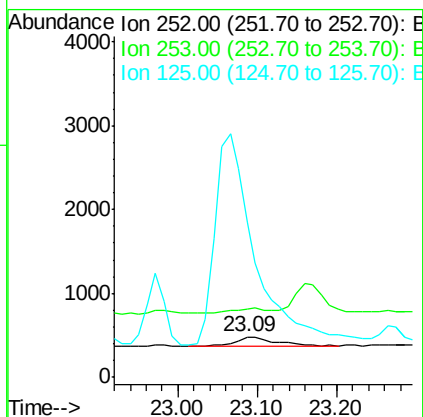
Tot Ion:252 Resp: 445

Ion Ratio Lower Upper

252 100

253 166.8 31.0 46.6#

125 382.1 9.1 13.7#



#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.66 min Scan# 1563

Delta R.T. -0.04 min

Lab File: BM010315.D

Acq: 30 May 2017 17:12

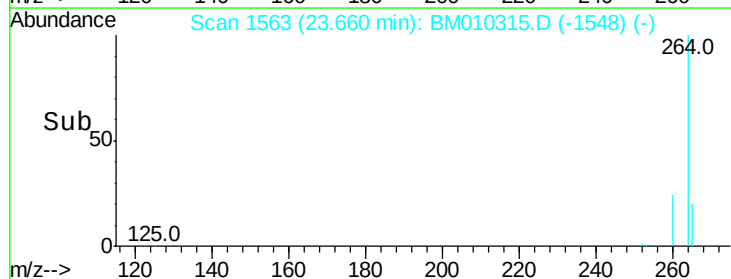
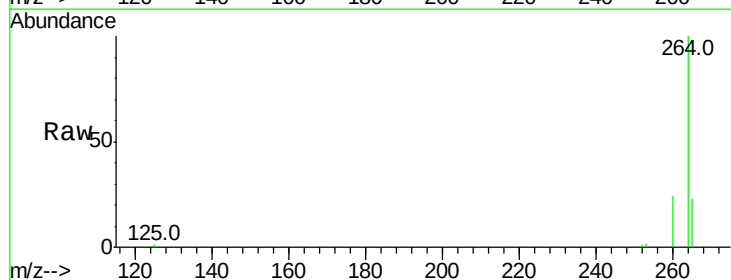
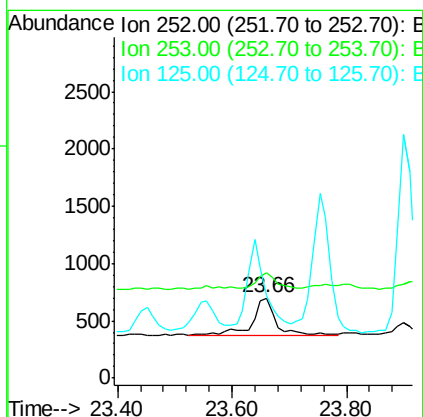
Tgt Ion:252 Resp: 906

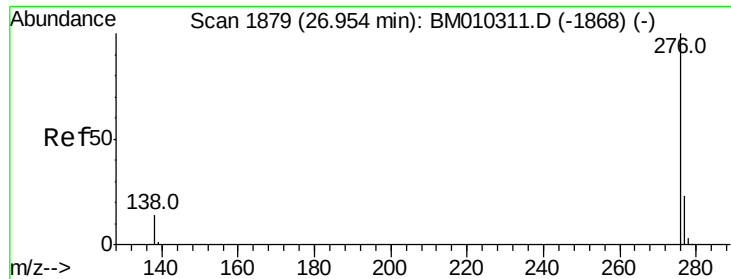
Ion Ratio Lower Upper

252 100

253 130.5 34.2 51.4#

125 102.0 11.1 16.7#





#26

Benzo(a,h,i)perylene

Concen: 0.02 ng/ul

RT: 26.96 min Scan# 1880

Delta R.T. 0.01 min

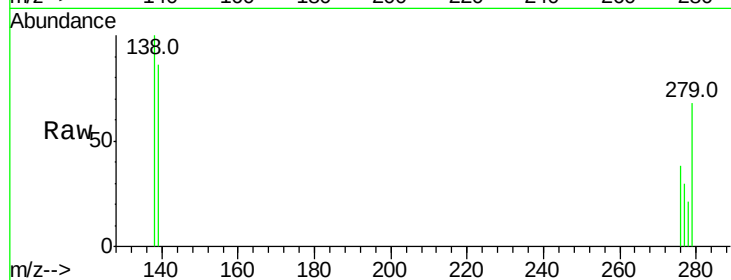
Lab File: BM010315.D

Acq: 30 May 2017 17:12

Instrument :

BNA_M

ClientSampleId :



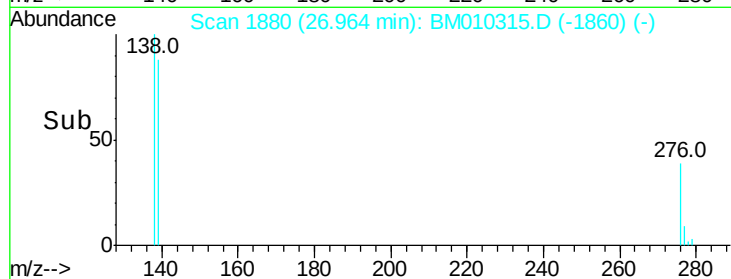
Tot Ion: 276 Resp: 345

Ion Ratio Lower Upper

276 100

277 78.9 21.9 32.9#

138 261.2 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

600

500

400

300

200

100

0

26.80

26.96

27.00

Time-->