

Data Path : Z:\HPCHEM1\BNA M\DATA\BM053017\
 Data File : BM010314.D
 Acq On : 30 May 2017 16:36
 Operator : SJ/MA
 Sample : I3162-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 31 06:02:07 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

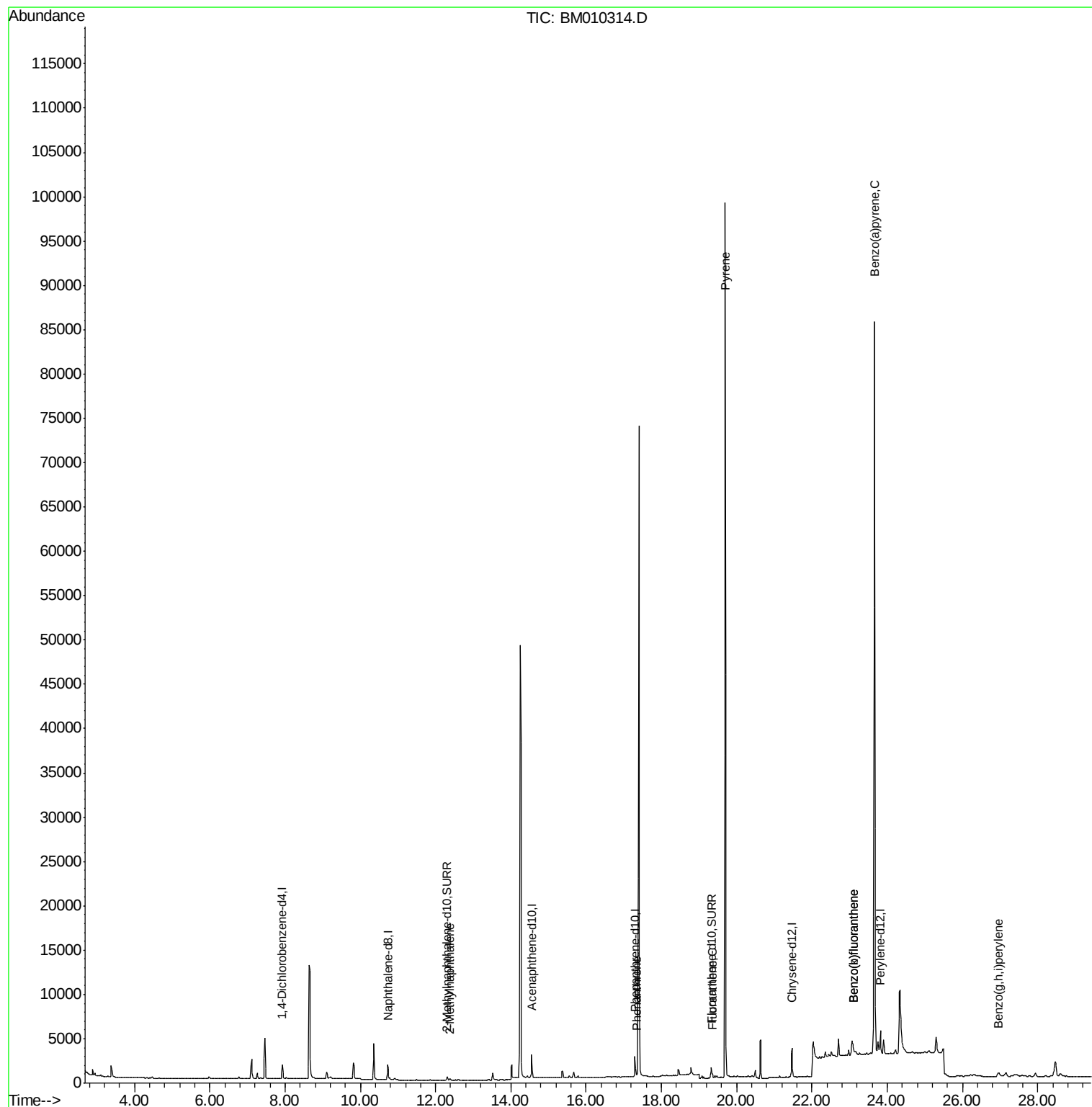
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	884	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	2590	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1455	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3215	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	3362	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	3658	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	477	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	1236	0.14	ng/ul	0.00
Target Compounds						
5) 2-Methylnaphthalene	12.38	142	117	0.02	ng/ul	98
12) Phenanthrene	17.35	178	325	0.03	ng/ul#	39
15) Fluoranthene	19.35	202	287	0.02	ng/ul#	1
17) Pyrene	19.69	202	476	0.03	ng/ul#	1
21) Benzo(b)fluoranthene	23.10	252	490	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	23.10	252	469	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.66	252	647	0.04	ng/ul#	1
26) Benzo(g,h,i)perylene	26.95	276	359	0.02	ng/ul#	1

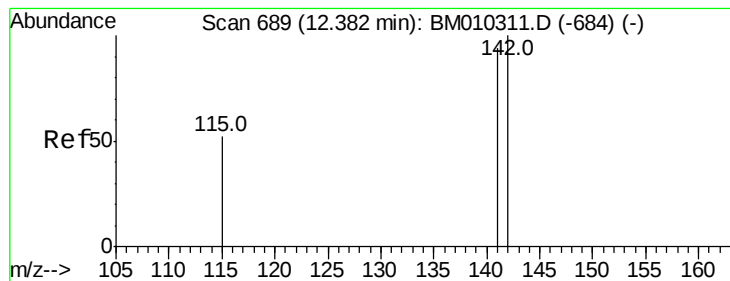
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.38 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

Instrument :

BNA_M

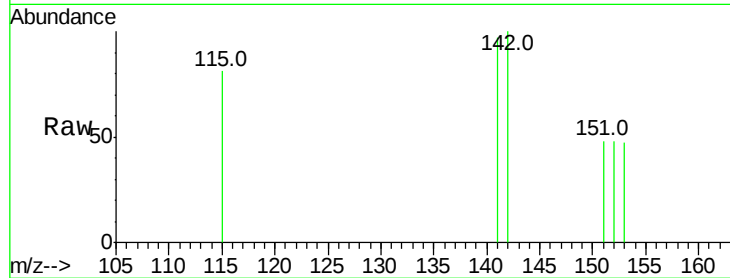
ClientSampleId :

Tot Ion:142 Resp: 117

Ion Ratio Lower Upper

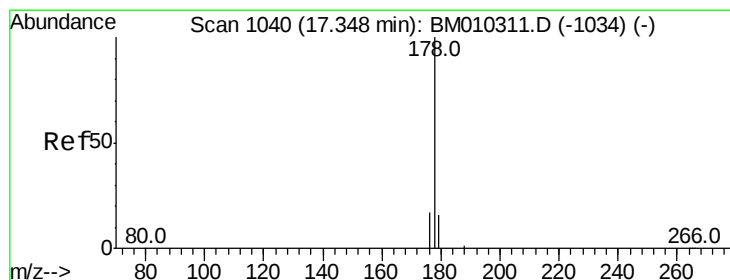
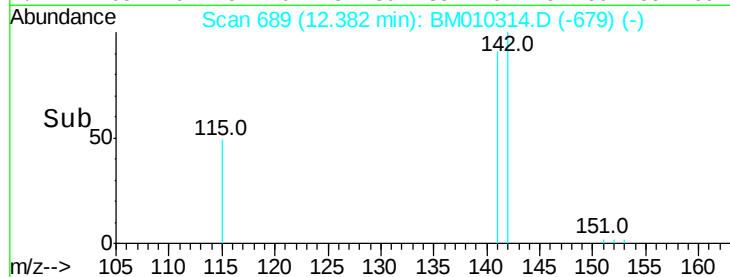
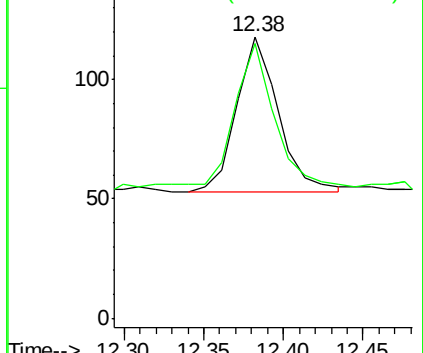
142 100

141 88.9 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.35 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

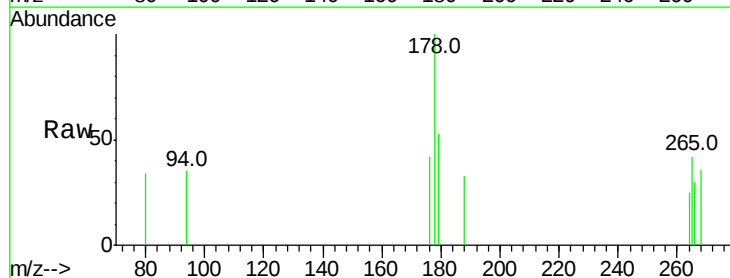
Tgt Ion:178 Resp: 325

Ion Ratio Lower Upper

178 100

176 42.0 15.6 23.4#

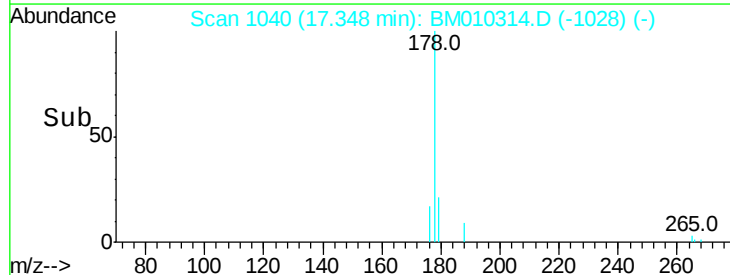
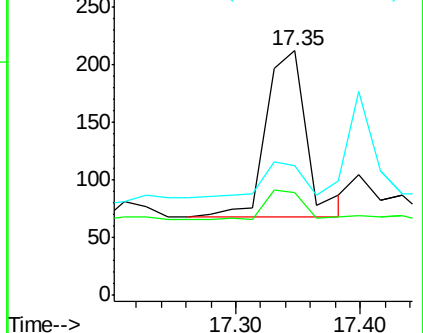
179 52.8 15.8 23.6#

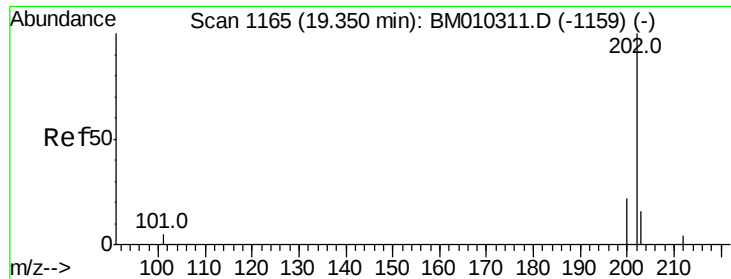


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

Instrument :

BNA_M

ClientSampleId :

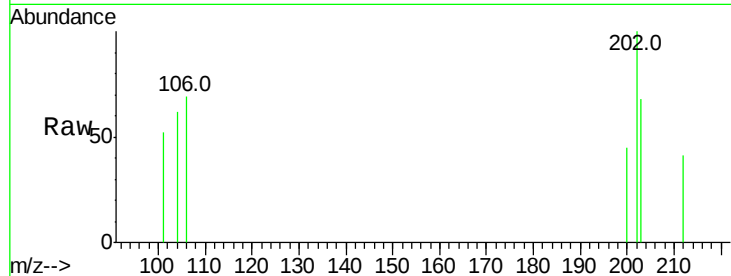
Tot Ion:202 Resp: 287

Ion Ratio Lower Upper

202 100

101 52.0 0.0 27.3#

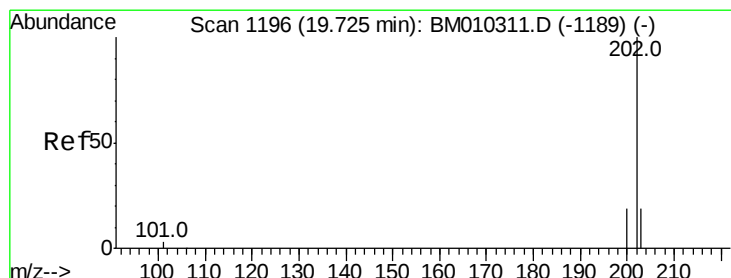
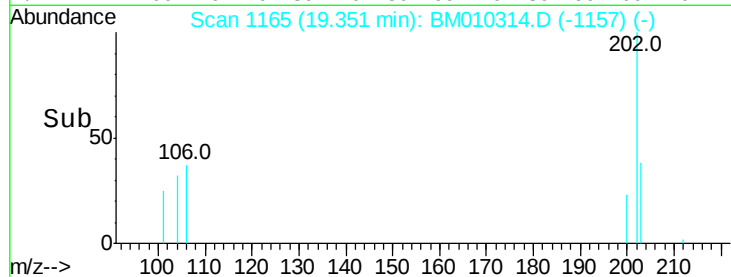
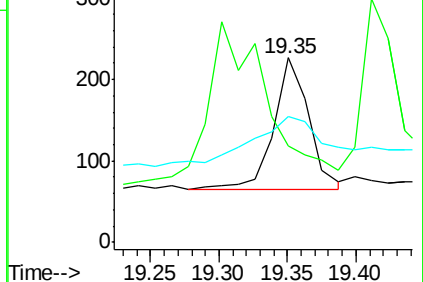
203 67.8 0.0 38.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.04 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

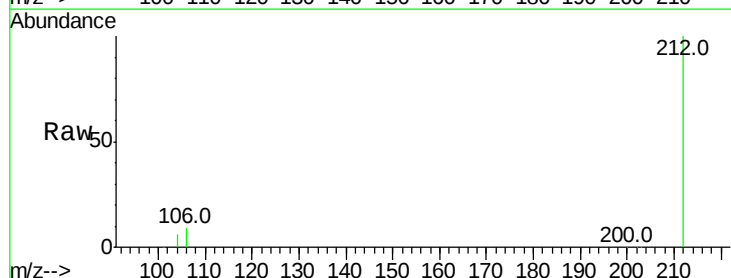
Tgt Ion:202 Resp: 476

Ion Ratio Lower Upper

202 100

200 29.8 16.4 24.6#

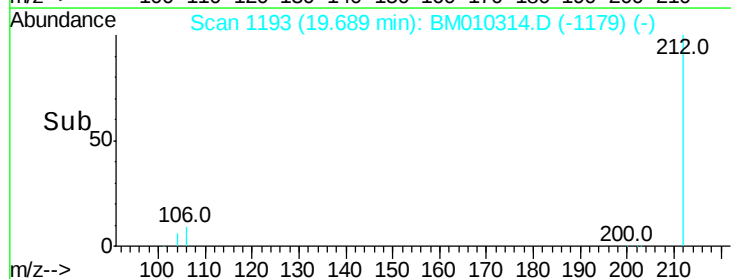
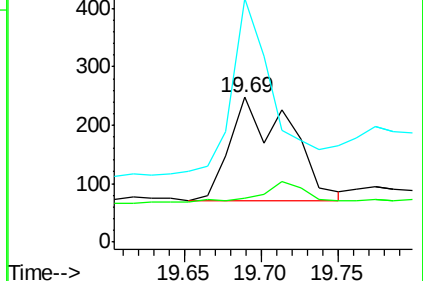
203 168.1 17.5 26.3#

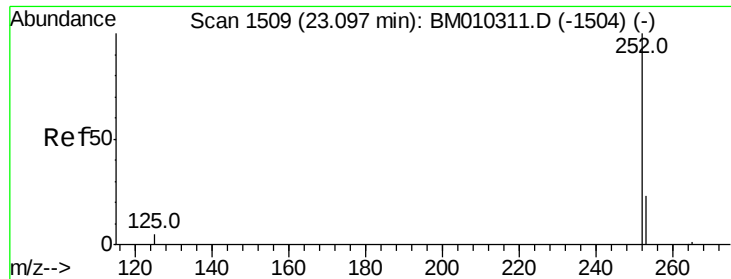


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

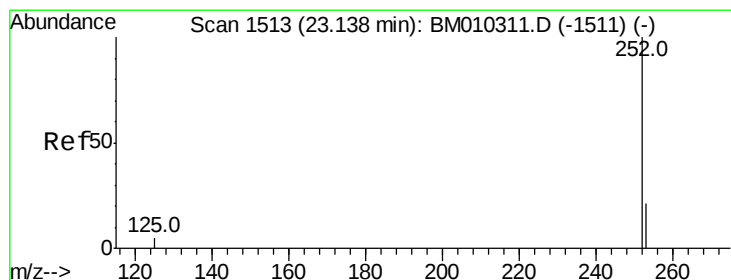
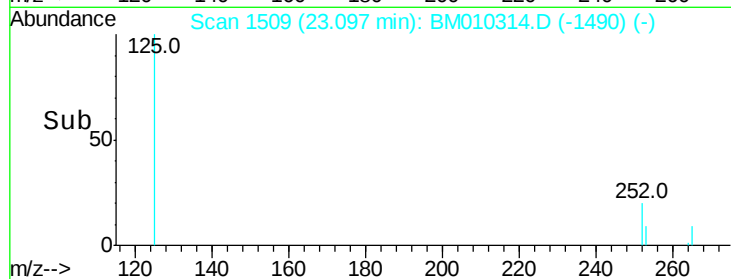
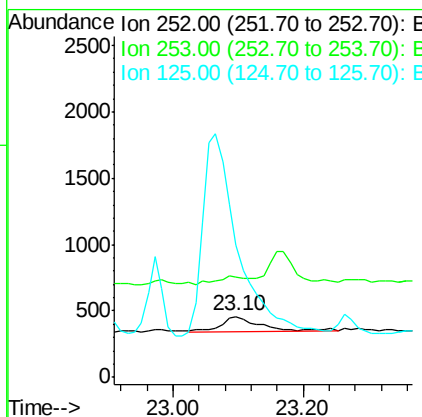
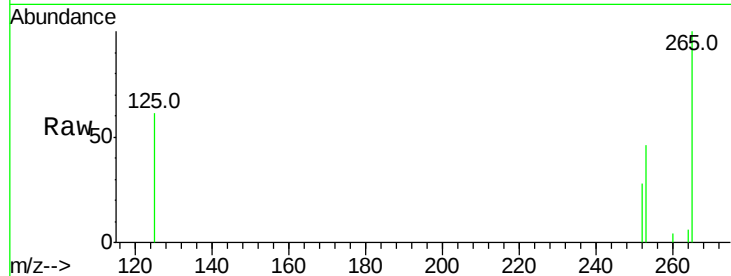




#21
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 23.10 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BM010314.D
Acq: 30 May 2017 16:36

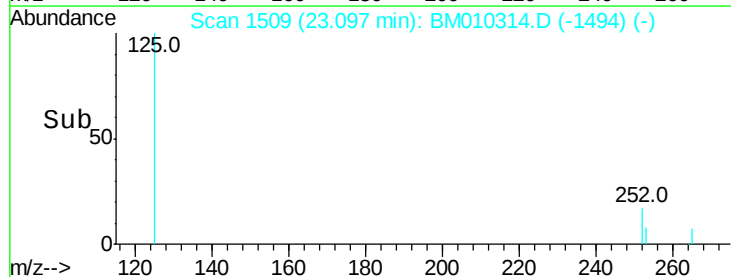
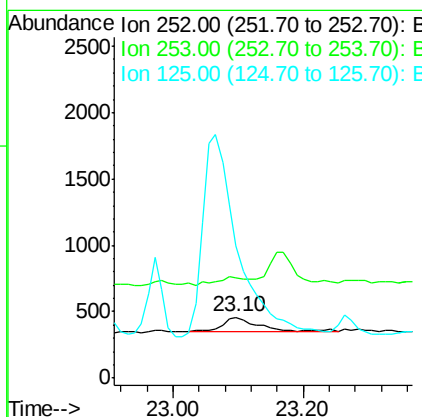
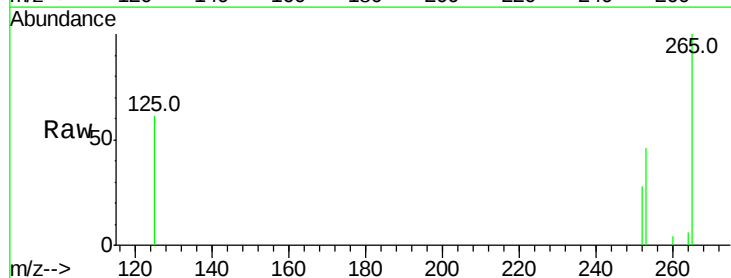
Instrument :
BNA_M
ClientSampleId :

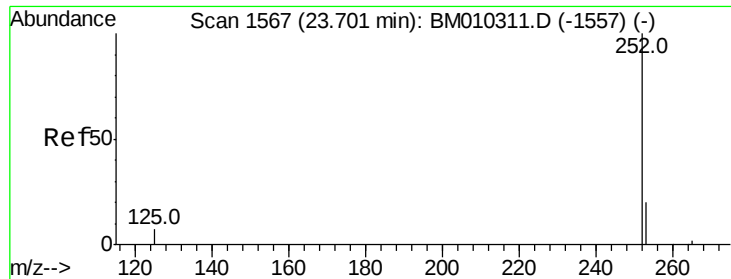
Tot Ion:252 Resp: 490
Ion Ratio Lower Upper
252 100
253 163.1 0.0 83.0#
125 216.7 0.0 23.2#



#22
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 23.10 min Scan# 1509
Delta R.T. -0.04 min
Lab File: BM010314.D
Acq: 30 May 2017 16:36

Tgt Ion:252 Resp: 469
Ion Ratio Lower Upper
252 100
253 163.1 31.0 46.6#
125 216.7 9.1 13.7#





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.66 min Scan# 1563

Delta R.T. -0.04 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

Instrument :

BNA_M

ClientSampleId :

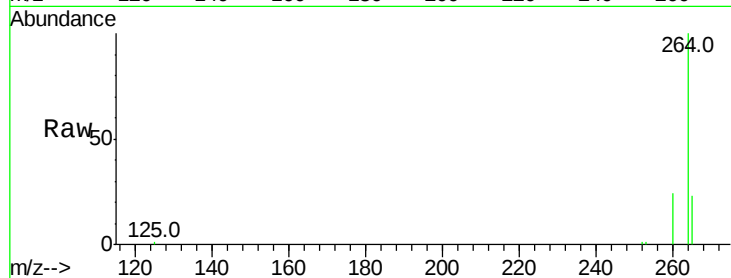
Tot Ion:252 Resp: 647

Ion Ratio Lower Upper

252 100

253 126.5 34.2 51.4#

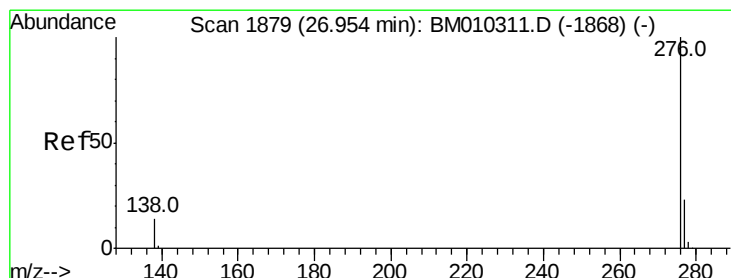
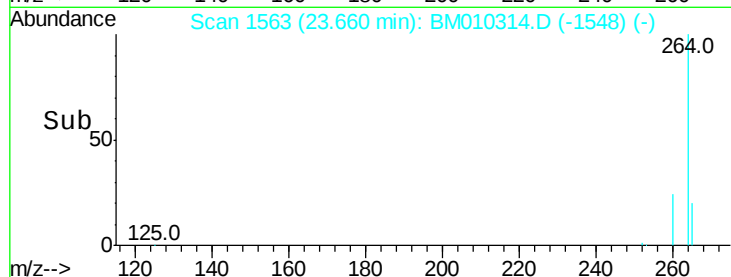
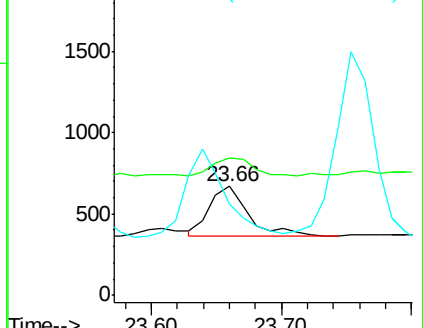
125 84.2 11.1 16.7#



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: 0.02 ng/ul

RT: 26.95 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM010314.D

Acq: 30 May 2017 16:36

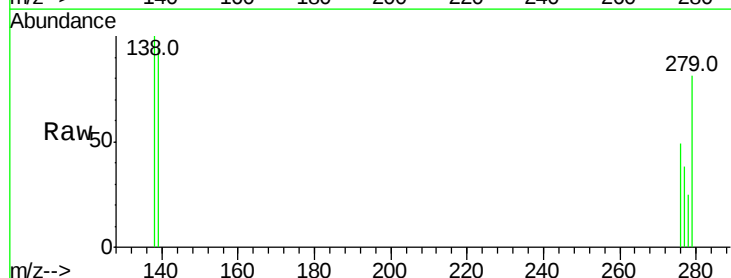
Tgt Ion:276 Resp: 359

Ion Ratio Lower Upper

276 100

277 78.1 21.9 32.9#

138 205.5 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

