

Data Path : Z:\HPCHEM1\BNA M\DATA\BM053017\
 Data File : BM010316.D
 Acq On : 30 May 2017 17:48
 Operator : SJ/MA
 Sample : I3162-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 31 06:02:22 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

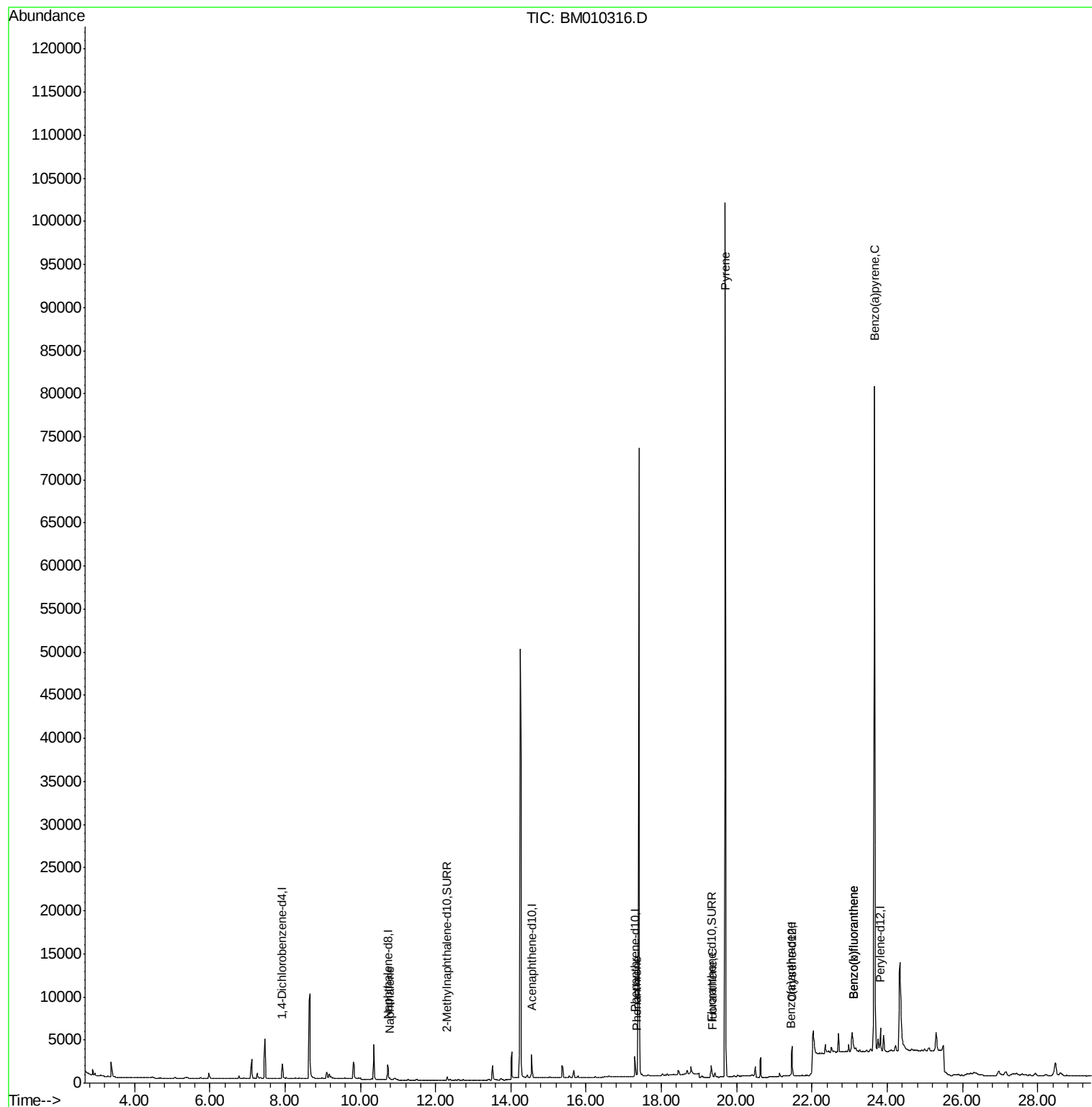
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	882	0.40	ng/ul	0.00
2) Naphthalene-d8	10.73	136	2661	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1490	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3261	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	3451	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	3578	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.31	152	469	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	1263	0.15	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.78	128	143	0.02	ng/ul#	24
12) Phenanthrene	17.35	178	274	0.03	ng/ul#	26
15) Fluoranthene	19.35	202	274	0.02	ng/ul#	1
17) Pyrene	19.69	202	421	0.03	ng/ul#	1
18) Benzo(a)anthracene	21.43	228	357	0.03	ng/ul#	33
21) Benzo(b)fluoranthene	23.10	252	455	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	23.10	252	455	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.66	252	885	0.06	ng/ul#	1

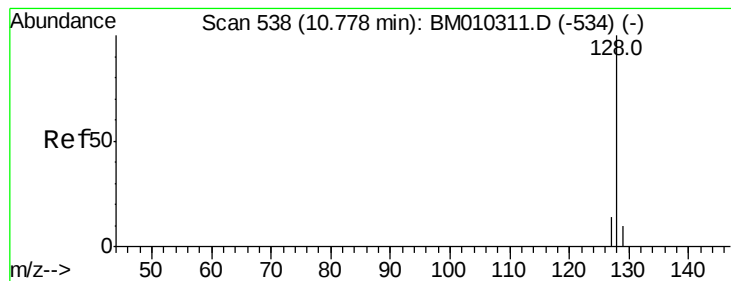
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.78 min Scan# 538

Delta R.T. 0.00 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

Instrument :

BNA_M

ClientSampleId :

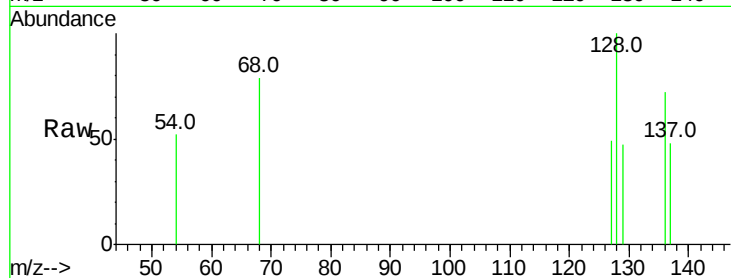
Tot Ion:128 Resp: 143

Ion Ratio Lower Upper

128 100

129 47.0 11.4 17.0#

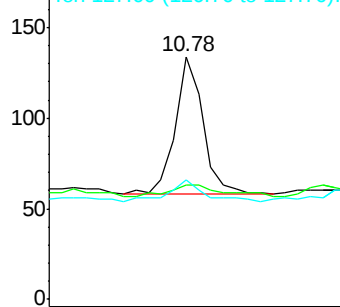
127 49.3 14.0 21.0#



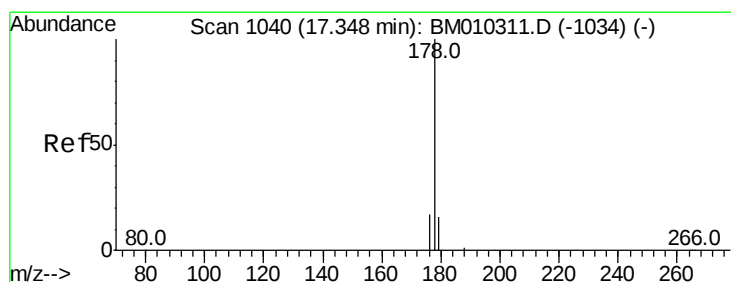
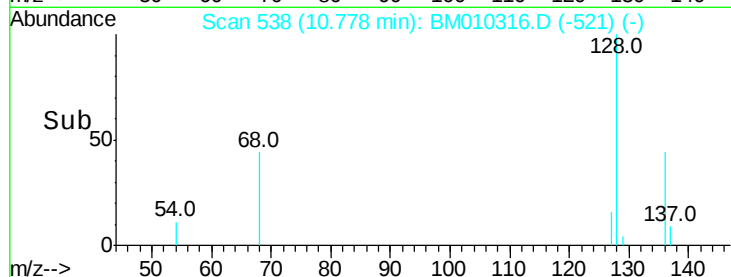
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.35 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

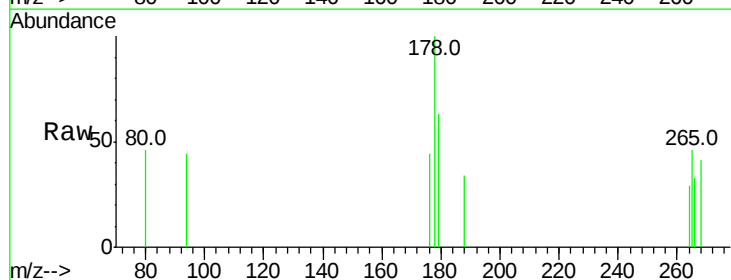
Tgt Ion:178 Resp: 274

Ion Ratio Lower Upper

178 100

176 44.3 15.6 23.4#

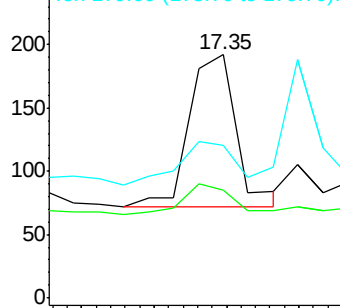
179 62.5 15.8 23.6#



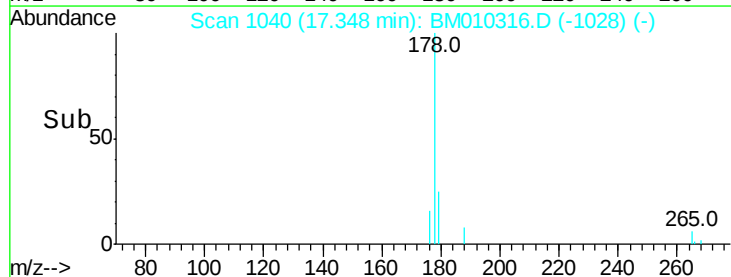
Abundance Ion 178.00 (177.70 to 178.70): E

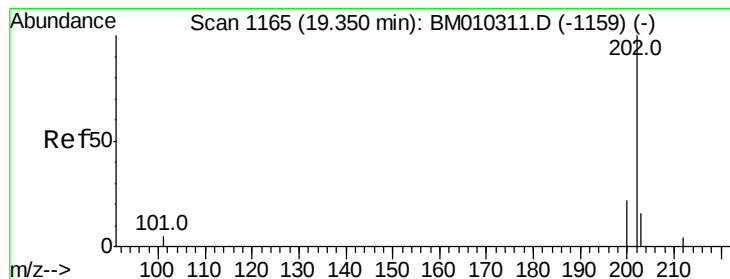
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.02 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

Instrument :

BNA_M

ClientSampleId :

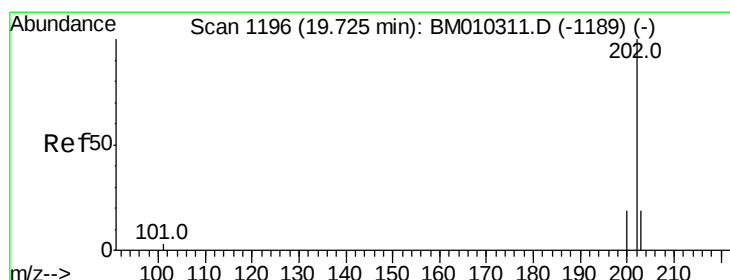
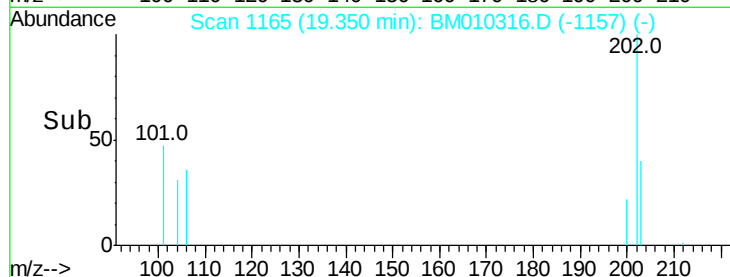
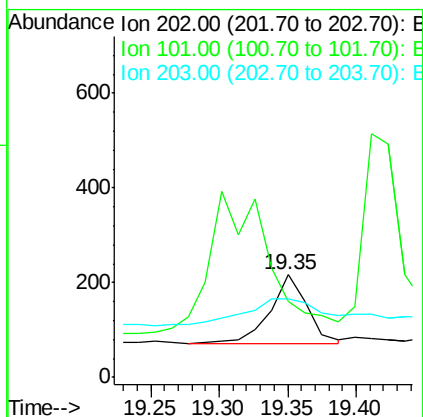
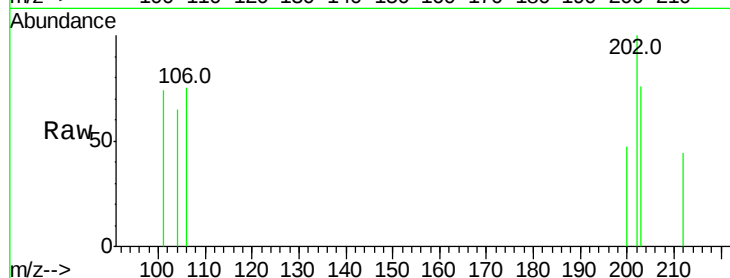
Tot Ion:202 Resp: 274

Ion Ratio Lower Upper

202 100

101 74.2 0.0 27.3#

203 76.0 0.0 38.5#



#17

Pyrene

Concen: 0.03 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. -0.04 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

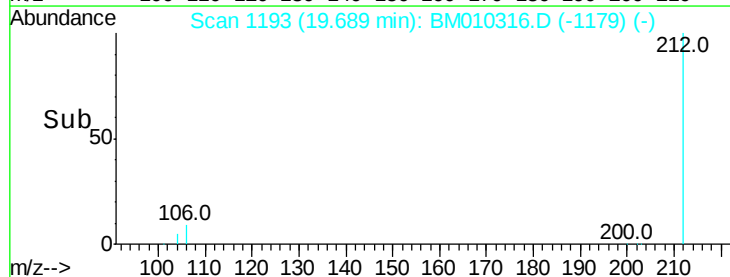
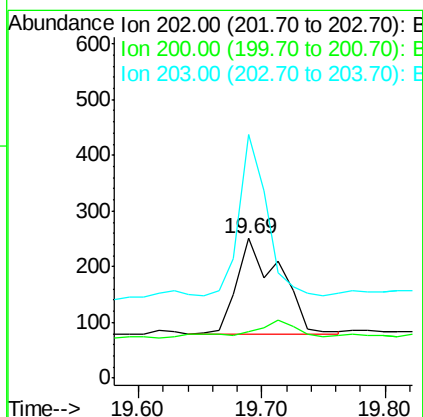
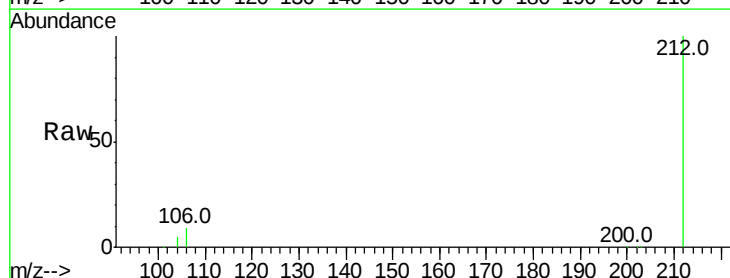
Tgt Ion:202 Resp: 421

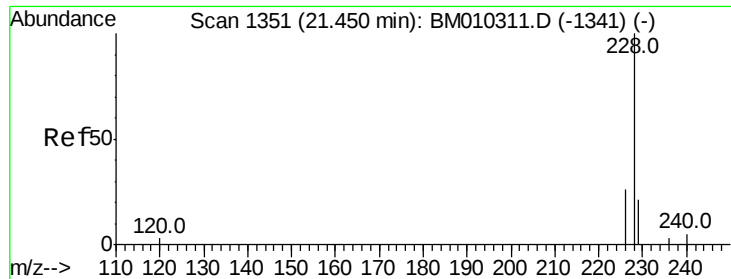
Ion Ratio Lower Upper

202 100

200 33.1 16.4 24.6#

203 174.1 17.5 26.3#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.02 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

Instrument :

BNA_M

ClientSampleId :

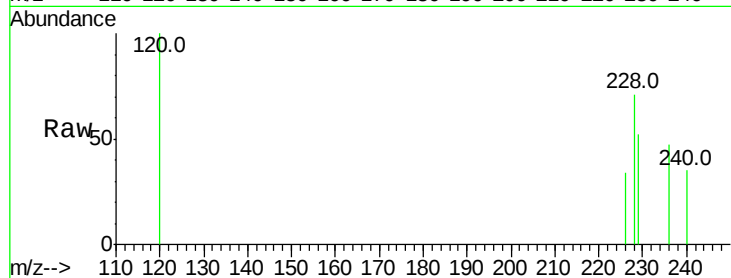
Tot Ion:228 Resp: 357

Ion Ratio Lower Upper

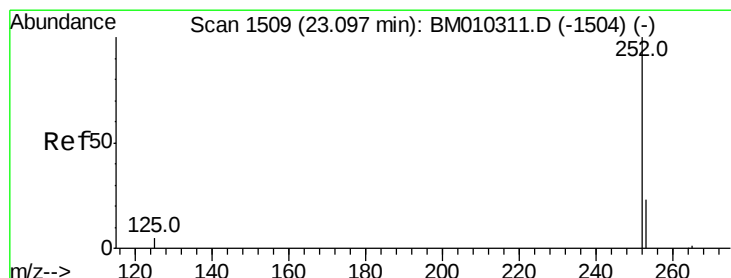
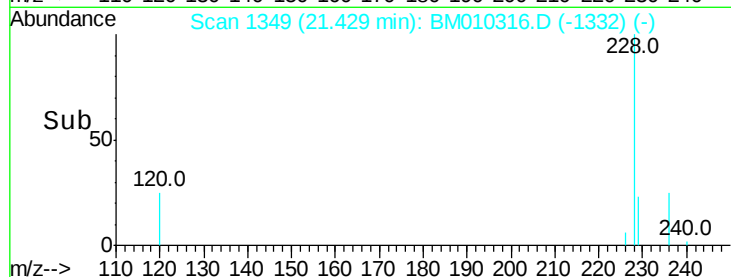
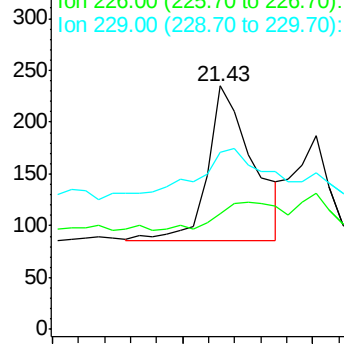
228 100

226 47.7 22.6 34.0#

229 72.8 17.9 26.9#



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: 0.03 ng/ul

RT: 23.10 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM010316.D

Acq: 30 May 2017 17:48

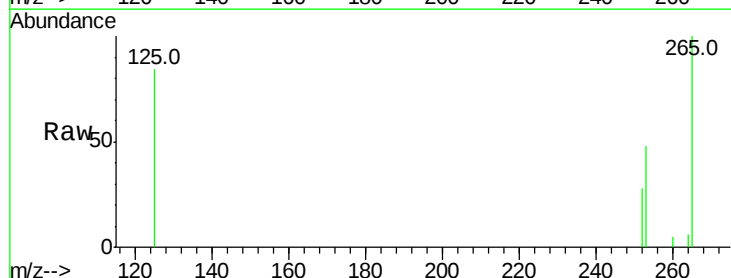
Tgt Ion:252 Resp: 455

Ion Ratio Lower Upper

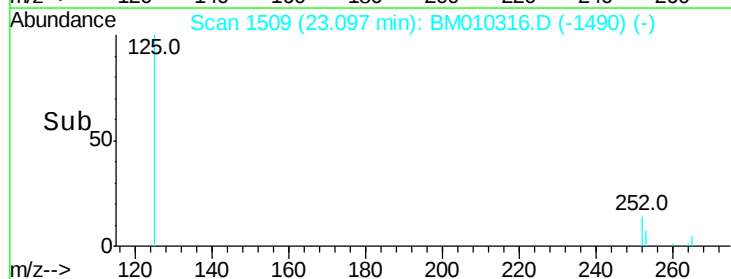
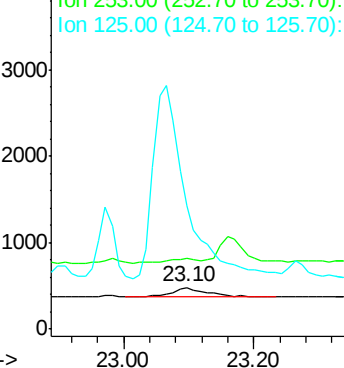
252 100

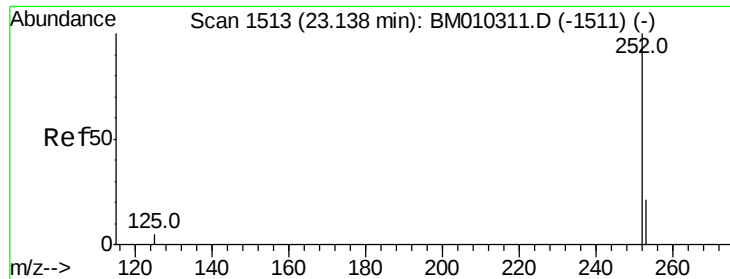
253 170.1 0.0 83.0#

125 297.9 0.0 23.2#



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

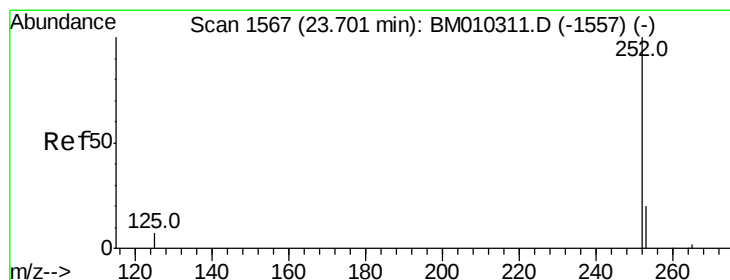
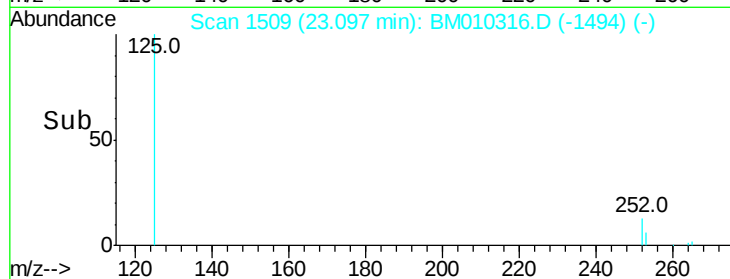
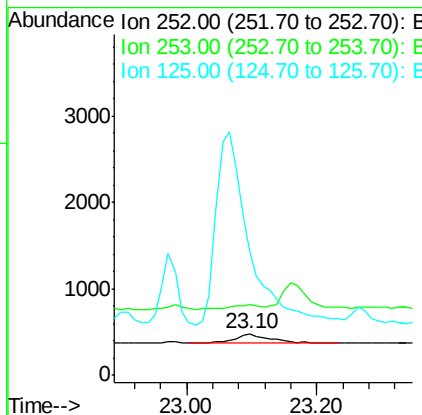
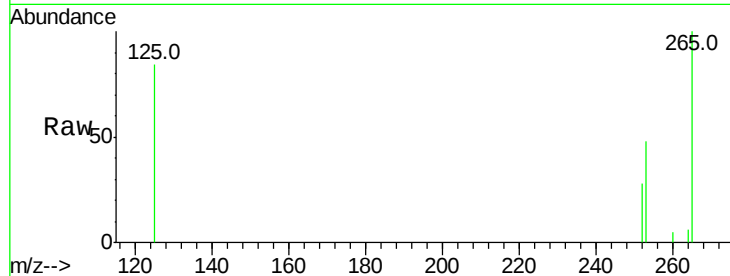




#22
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 23.10 min Scan# 1509
Delta R.T. -0.04 min
Lab File: BM010316.D
Acq: 30 May 2017 17:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 455
Ion Ratio Lower Upper
252 100
253 170.1 31.0 46.6#
125 297.9 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: BM010316.D
Acq: 30 May 2017 17:48

Tgt Ion:252 Resp: 885
Ion Ratio Lower Upper
252 100
253 134.4 34.2 51.4#
125 132.0 11.1 16.7#

