

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\
 Data File : BM010400.D
 Acq On : 02 Jun 2017 22:48
 Operator : SJ/MA
 Sample : I3163-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

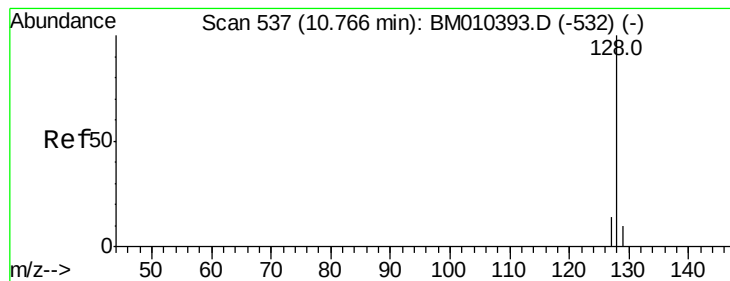
Quant Time: Jun 03 05:18:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM053017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 03 05:17:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	968	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2892	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1598	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3443	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	4014	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	193683	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.30	152	811	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	2246	0.25	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.77	128	372	0.05	ng/ul#	59
5) 2-Methylnaphthalene	12.37	142	115	0.02	ng/ul	97
11) Pentachlorophenol	16.94	266	32	0.02	ng/ul#	53
12) Phenanthrene	17.33	178	974	0.09	ng/ul#	77
13) Anthracene	17.42	178	277	0.03	ng/ul#	21
15) Fluoranthene	19.35	202	1439	0.10	ng/ul#	52
17) Pyrene	19.71	202	1645	0.10	ng/ul#	64
18) Benzo(a)anthracene	21.44	228	1439	0.09	ng/ul#	34
19) Chrysene	21.49	228	1603	0.10	ng/ul#	47

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



#3

Naphthalene

Concen: 0.05 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM010400.D

Acq: 02 Jun 2017 22:48

Instrument :

BNA_M

ClientSampled :

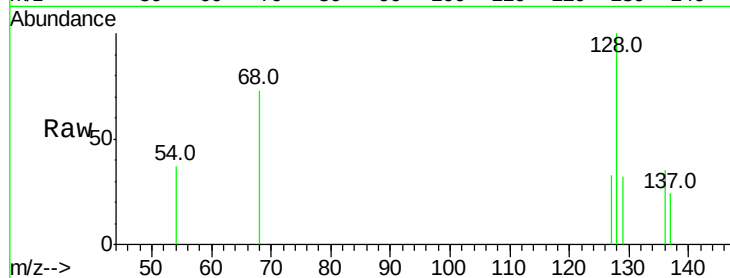
Tot Ion:128 Resp: 372

Ion Ratio Lower Upper

128 100

129 32.2 11.3 16.9#

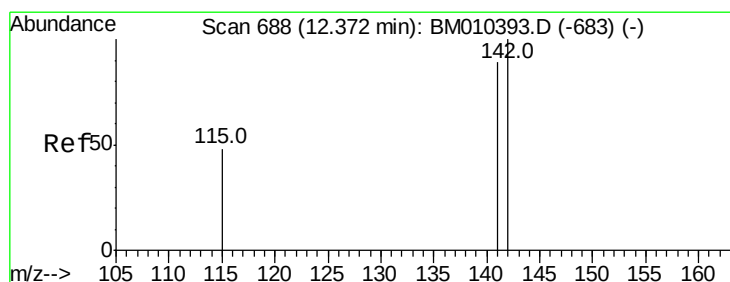
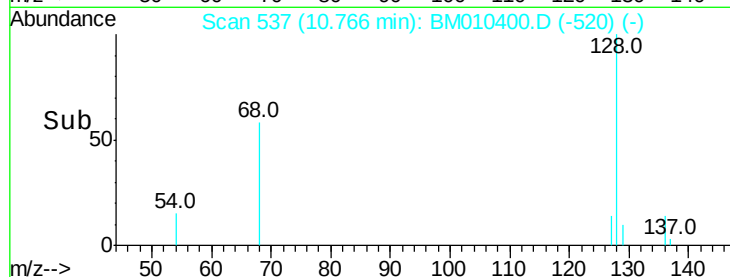
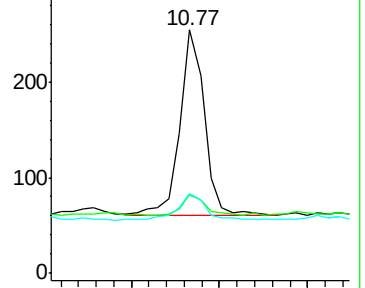
127 32.5 12.8 19.2#



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



#5

2-Methylnaphthalene

Concen: 0.02 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010400.D

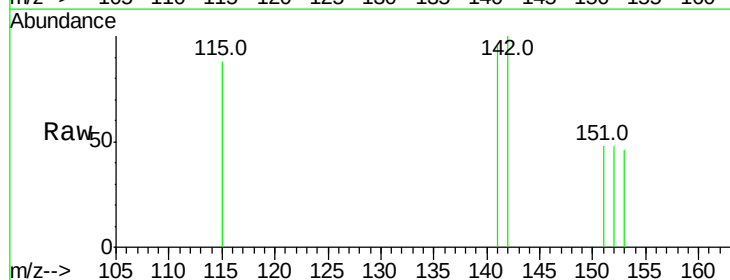
Acq: 02 Jun 2017 22:48

Tgt Ion:142 Resp: 115

Ion Ratio Lower Upper

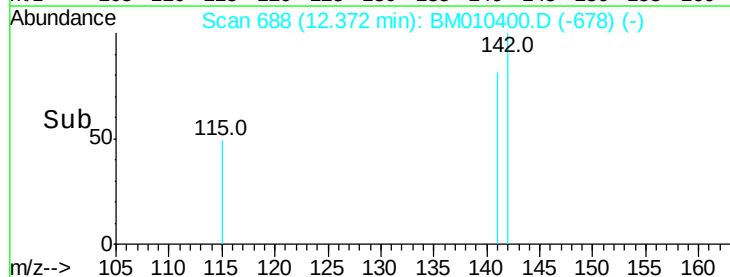
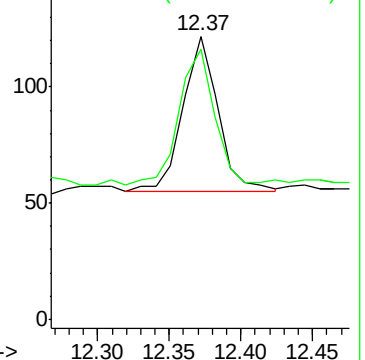
142 100

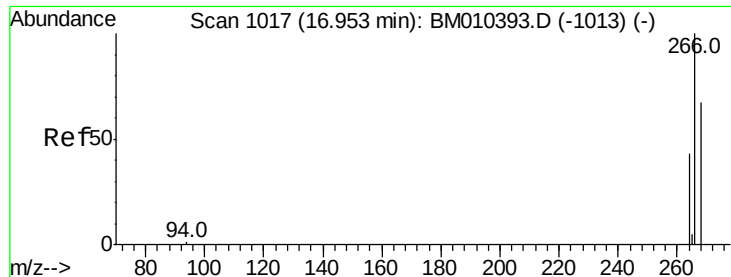
141 87.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

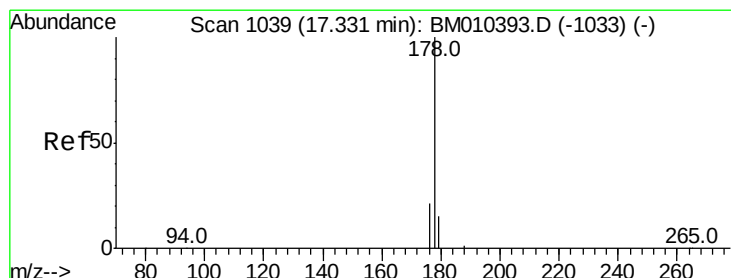
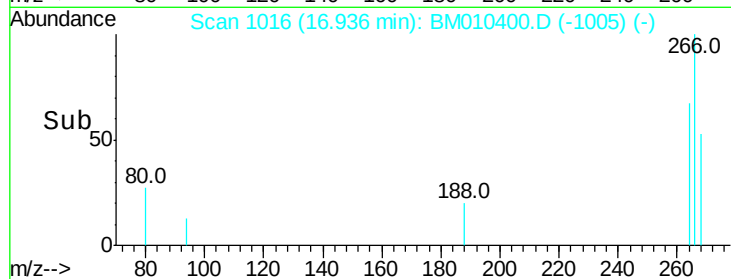
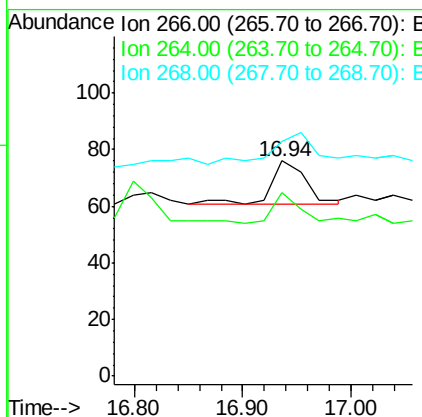
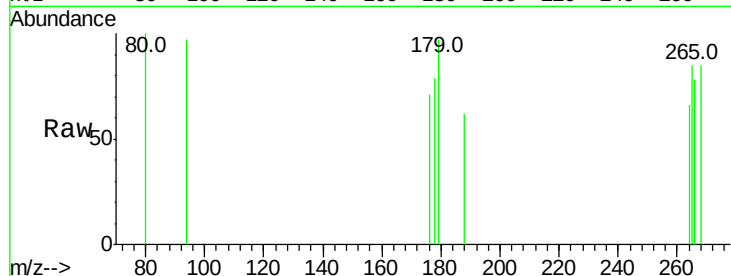




#11
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.94 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BM010400.D
 Acq: 02 Jun 2017 22:48

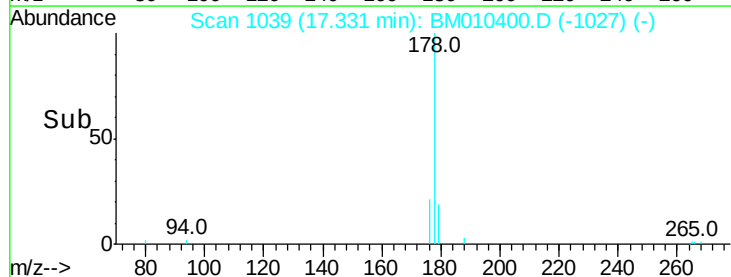
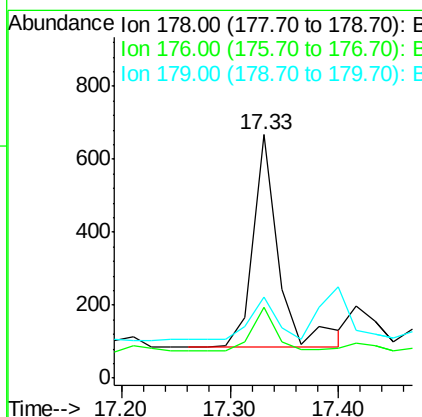
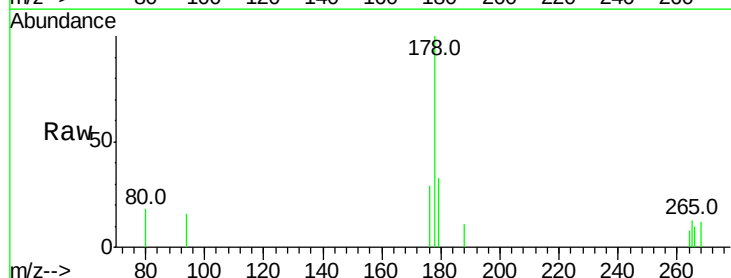
Instrument :
 BNA_M
 ClientSampled :

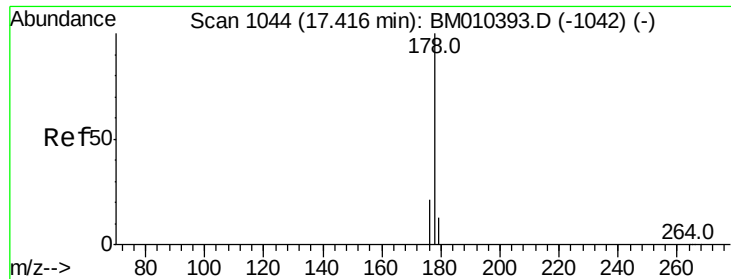
Tot Ion:266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 68.8 47.9 71.9
 268 125.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.09 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM010400.D
 Acq: 02 Jun 2017 22:48

Tgt Ion:178 Resp: 974
 Ion Ratio Lower Upper
 178 100
 176 28.9 18.4 27.6#
 179 33.2 13.6 20.4#





#13

Anthracene

Concen: 0.03 ng/ul

RT: 17.42 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BM010400.D

Acq: 02 Jun 2017 22:48

Instrument :

BNA_M

ClientSampleId :

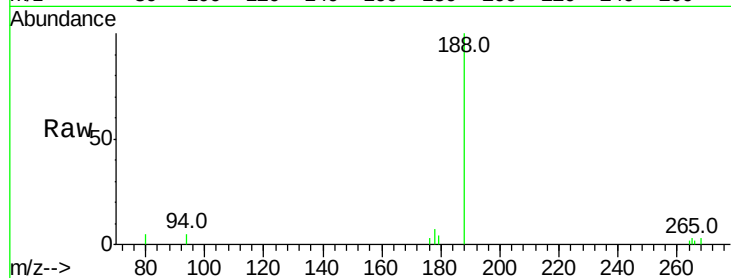
Tot Ion:178 Resp: 277

Ion Ratio Lower Upper

178 100

176 49.0 18.1 27.1#

179 66.7 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

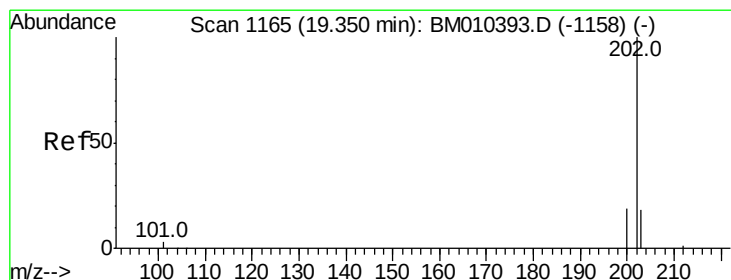
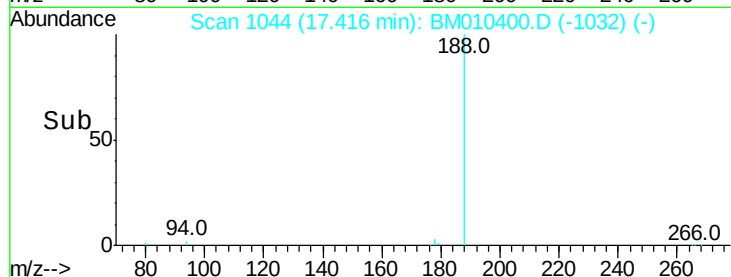
Ion 179.00 (178.70 to 179.70): E

17.42

17.40

17.50

Time-->



#15

Fluoranthene

Concen: 0.10 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010400.D

Acq: 02 Jun 2017 22:48

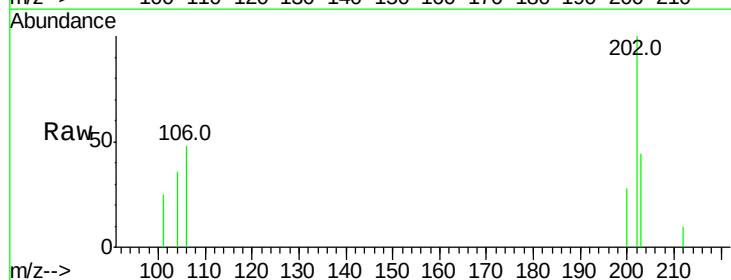
Tgt Ion:202 Resp: 1439

Ion Ratio Lower Upper

202 100

101 25.3 0.0 30.3

203 43.5 0.0 39.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

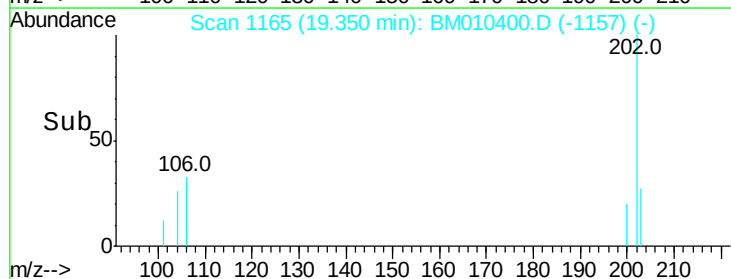
Ion 203.00 (202.70 to 203.70): E

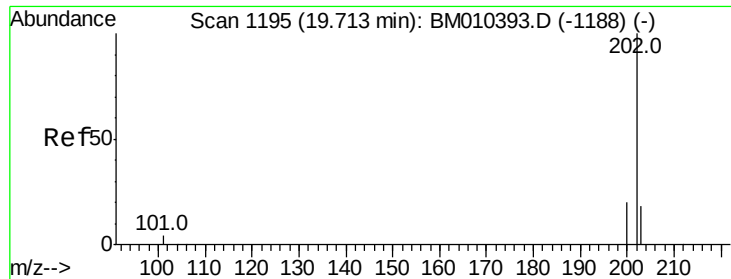
19.35

19.30

19.40

Time-->

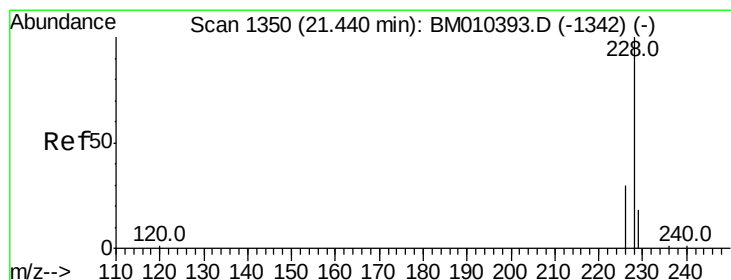
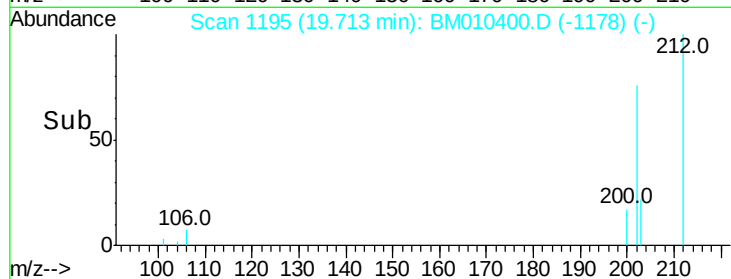
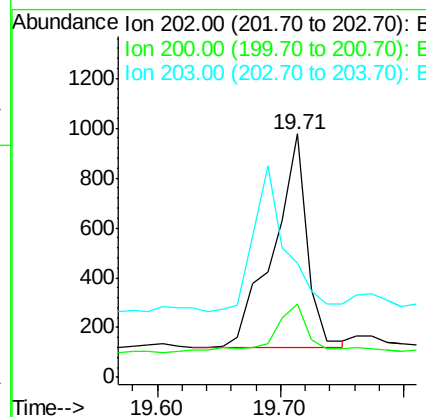
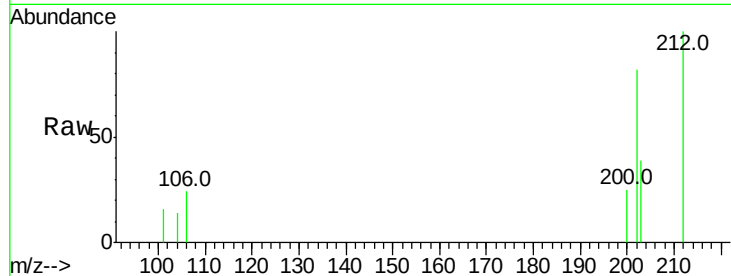




#17
Pvrene
Concen: 0.10 ng/ul
RT: 19.71 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM010400.D
Acq: 02 Jun 2017 22:48

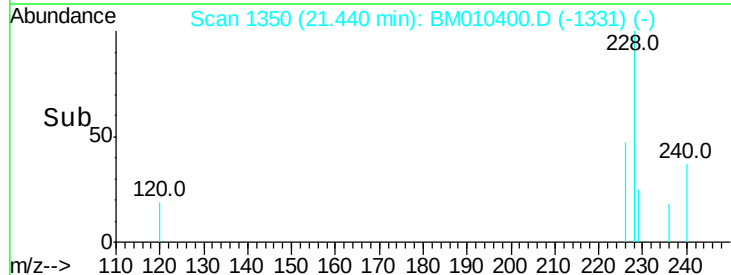
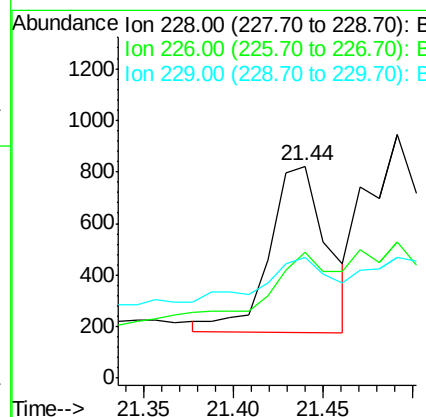
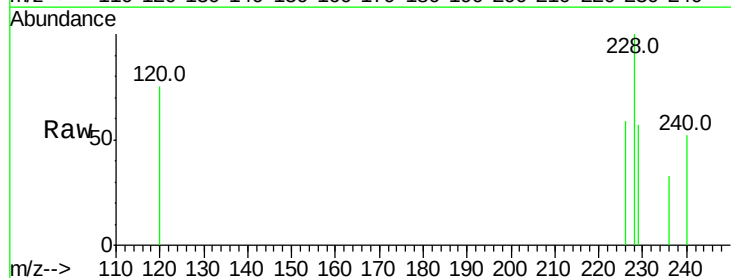
Instrument :
BNA_M
ClientSampled :

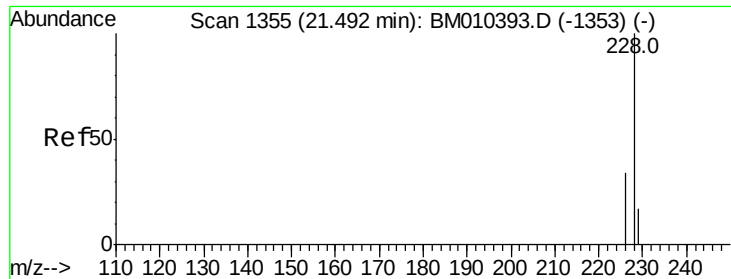
Tot Ion:202 Resp: 1645
Ion Ratio Lower Upper
202 100
200 30.1 18.2 27.4#
203 47.1 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.44 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM010400.D
Acq: 02 Jun 2017 22:48

Tgt Ion:228 Resp: 1439
Ion Ratio Lower Upper
228 100
226 59.4 22.8 34.2#
229 56.9 17.0 25.6#





#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.49 min Scan# 1355

Delta R.T. 0.00 min

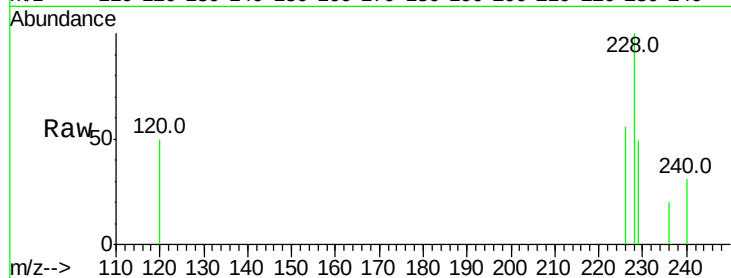
Lab File: BM010400.D

Acq: 02 Jun 2017 22:48

Instrument :

BNA_M

ClientSampleId :



Tot Ion: 228 Resp: 1603

Ion Ratio Lower Upper

228 100

226 56.0 23.4 35.0#

229 49.4 17.7 26.5#

