

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\
 Data File : BM010404.D
 Acq On : 03 Jun 2017 01:12
 Operator : SJ/MA
 Sample : I3163-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 03 05:19:04 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	857	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2551	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	3189	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	3293	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	122114	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.30	152	611	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	1502	0.18	ng/ul	0.00

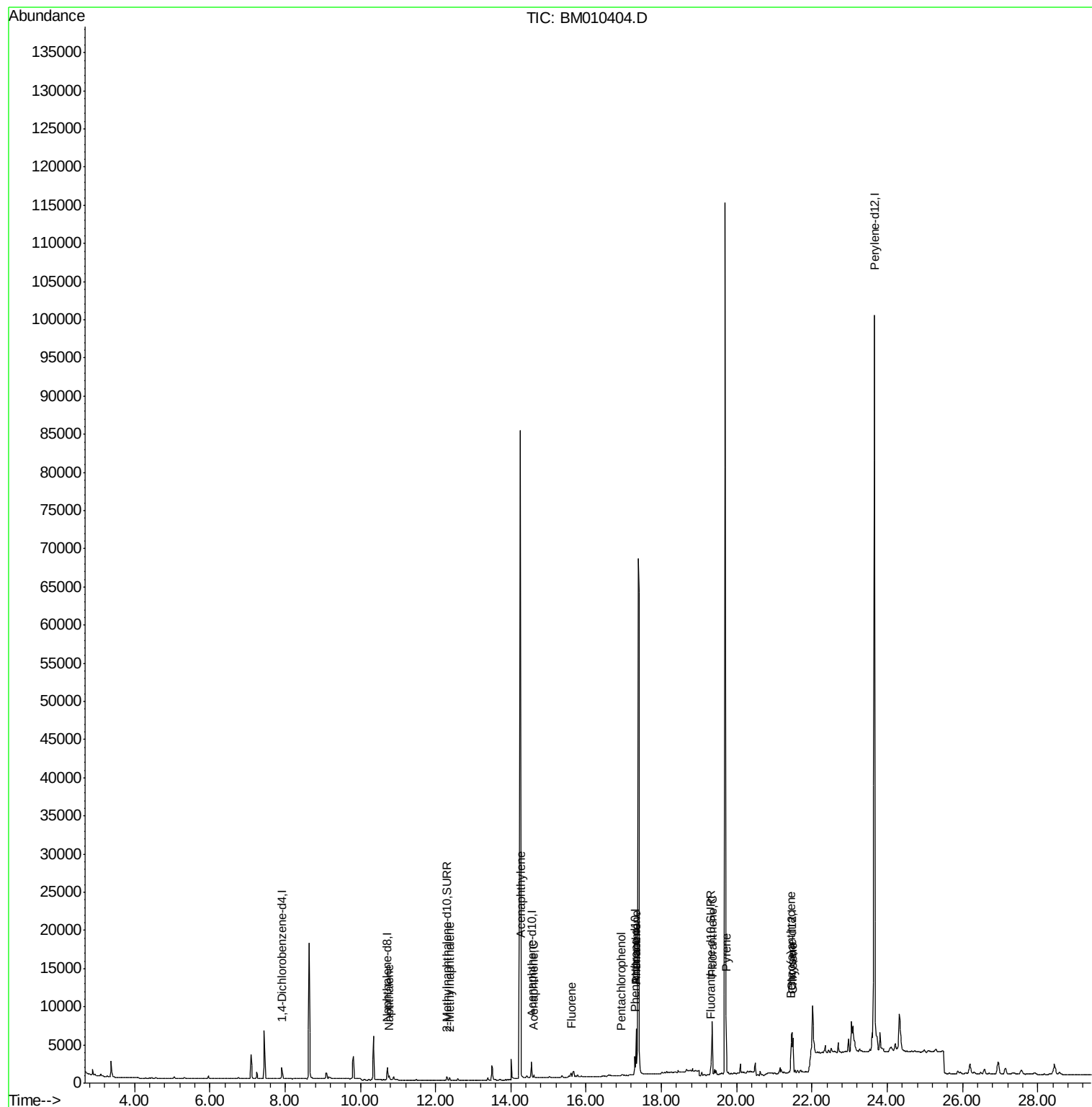
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.77	128	724	0.11	ng/ul#	81
5) 2-Methylnaphthalene	12.37	142	282	0.06	ng/ul	97
7) Acenaphthylene	14.26	152	154	0.02	ng/ul#	12
8) Acenaphthene	14.61	153	289	0.05	ng/ul#	91
9) Fluorene	15.60	166	339	0.05	ng/ul#	78
11) Pentachlorophenol	16.94	266	103	0.08	ng/ul#	85
12) Phenanthrene	17.33	178	6414	0.63	ng/ul	97
13) Anthracene	17.33	178	6414	0.67	ng/ul	98
15) Fluoranthene	19.35	202	7248	0.57	ng/ul	91
17) Pyrene	19.71	202	7232	0.52	ng/ul#	95
18) Benzo(a)anthracene	21.44	228	3834	0.29	ng/ul#	87
19) Chrysene	21.49	228	6088	0.47	ng/ul#	88

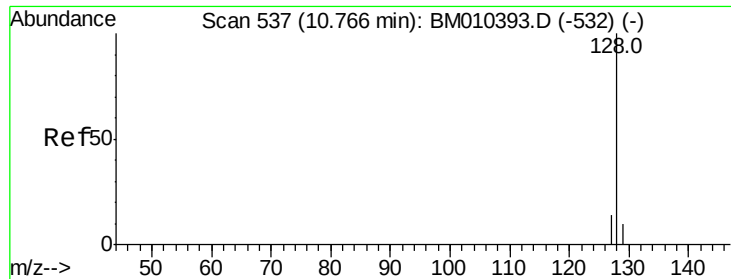
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.11 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampleId :

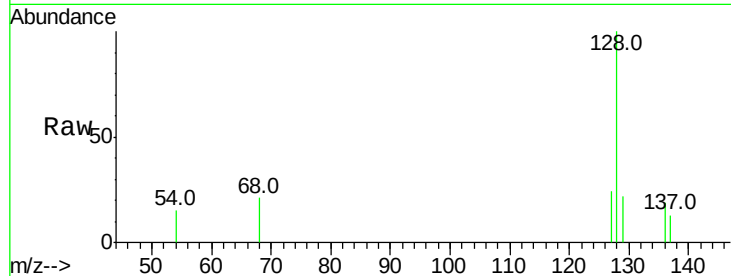
Tot Ion:128 Resp: 724

Ion Ratio Lower Upper

128 100

129 21.8 11.3 16.9#

127 24.3 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

10.77

400

300

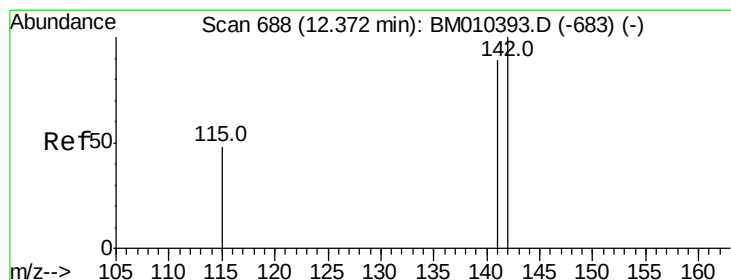
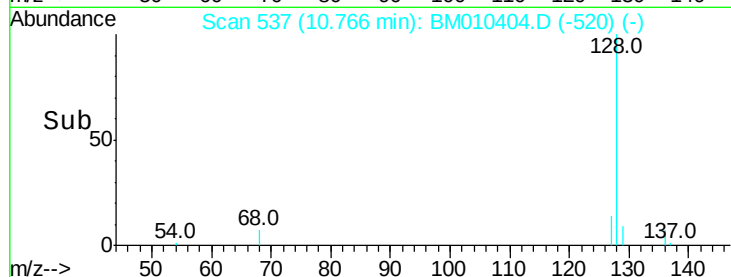
200

100

0

10.70 10.80 10.90

Time-->



#5

2-Methylnaphthalene

Concen: 0.06 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010404.D

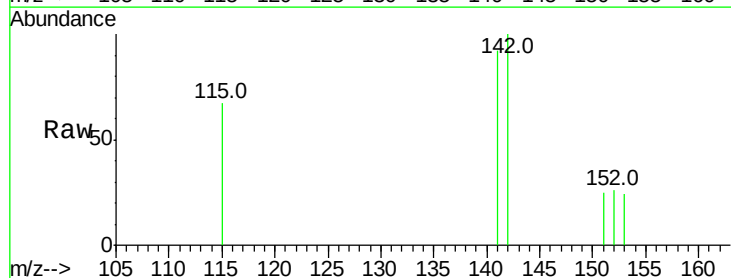
Acq: 03 Jun 2017 01:12

Tgt Ion:142 Resp: 282

Ion Ratio Lower Upper

142 100

141 93.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.37

250

200

150

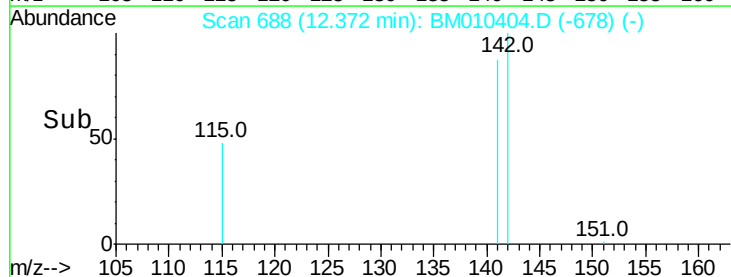
100

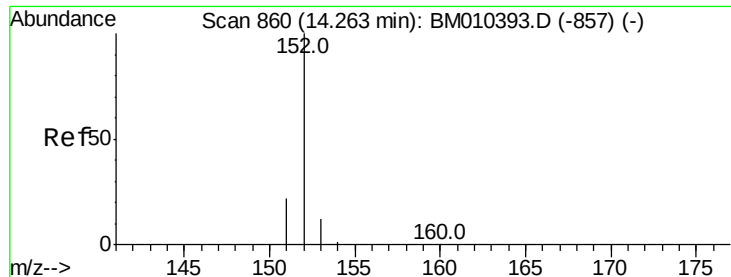
50

0

12.30 12.40

Time-->





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampleId :

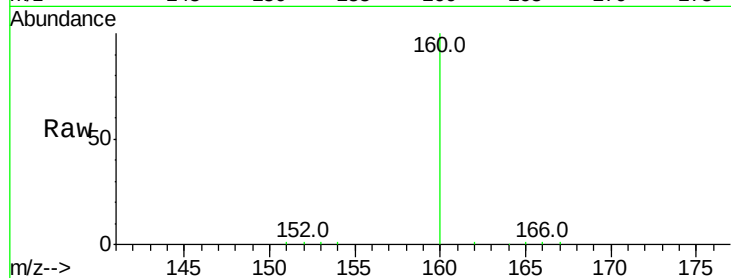
Tot Ion:152 Resp: 154

Ion Ratio Lower Upper

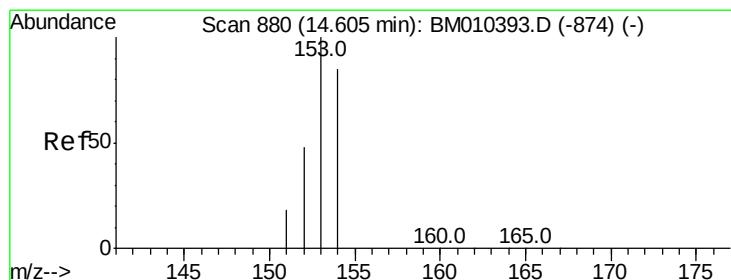
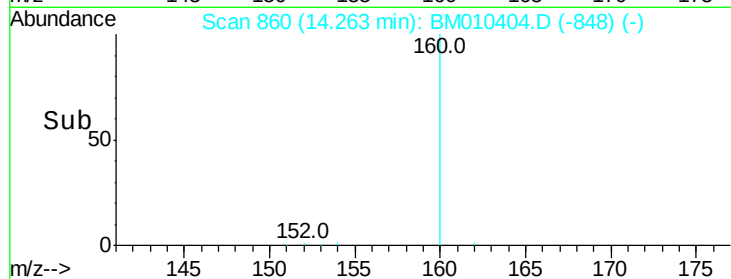
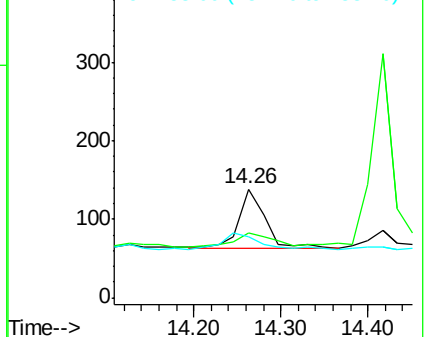
152 100

151 60.1 17.1 25.7#

153 56.5 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



#8

Acenaphthene

Concen: 0.05 ng/ul

RT: 14.61 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

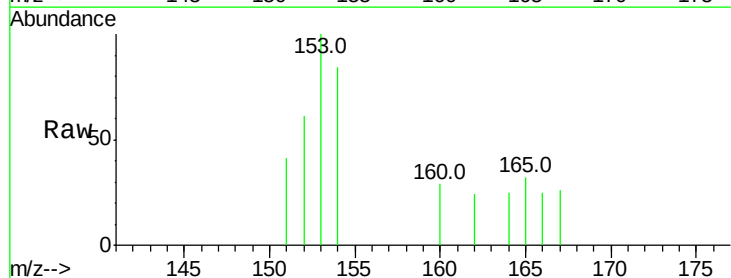
Tgt Ion:153 Resp: 289

Ion Ratio Lower Upper

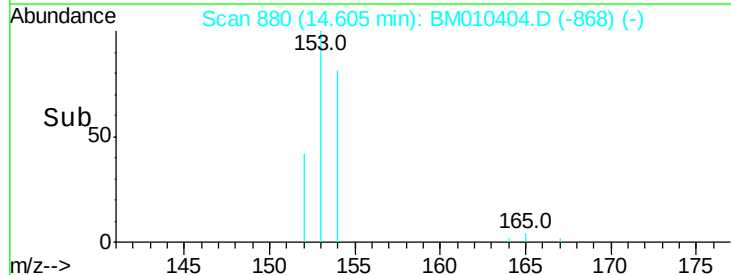
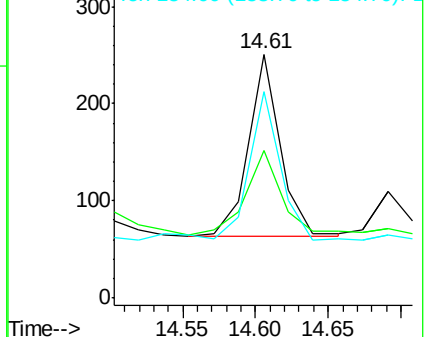
153 100

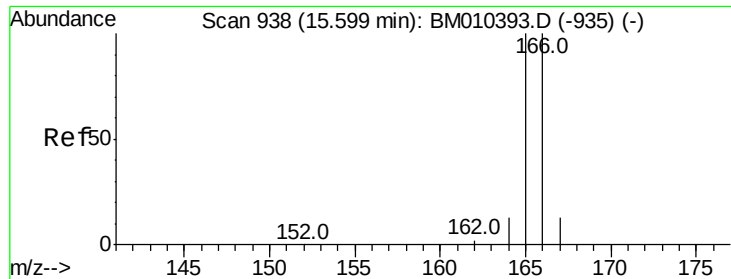
152 60.6 40.3 60.5#

154 84.5 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampled :

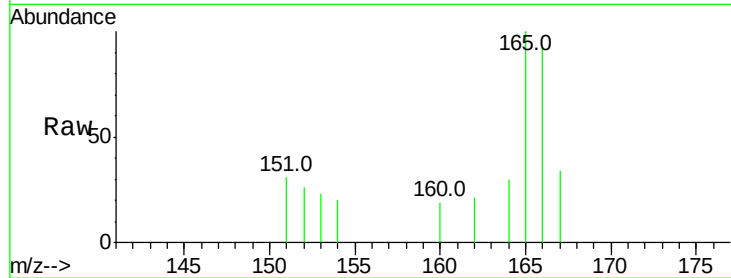
Tot Ion:166 Resp: 339

Ion Ratio Lower Upper

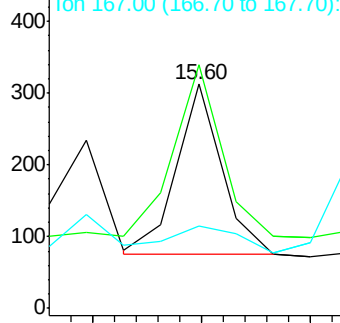
166 100

165 108.7 73.4 110.2

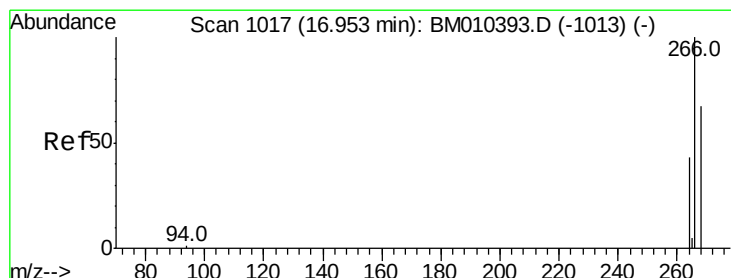
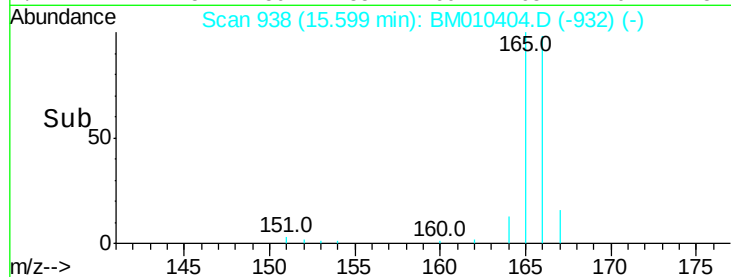
167 36.5 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.08 ng/ul

RT: 16.94 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

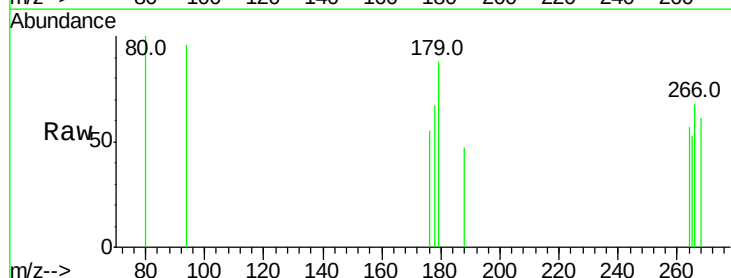
Tgt Ion:266 Resp: 103

Ion Ratio Lower Upper

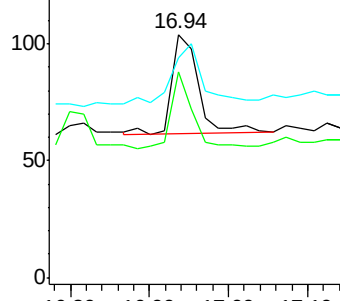
266 100

264 62.1 47.9 71.9

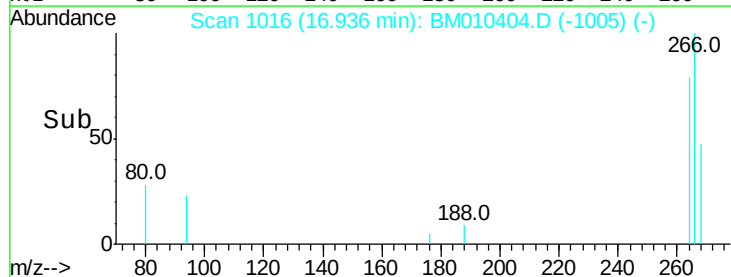
268 82.5 49.8 74.8#

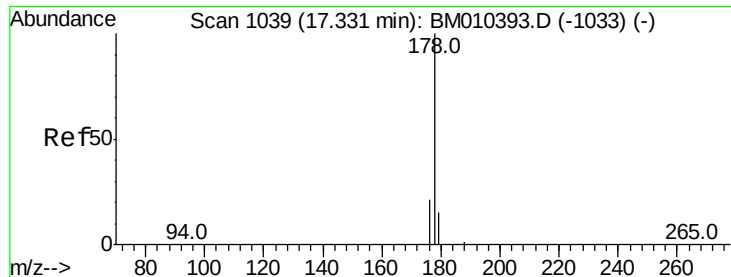


Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.63 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampleId :

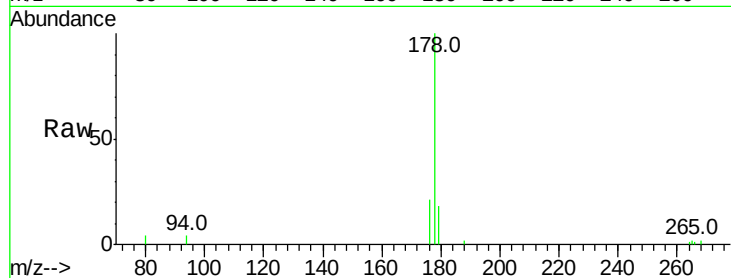
Tot Ion:178 Resp: 6414

Ion Ratio Lower Upper

178 100

176 21.5 18.4 27.6

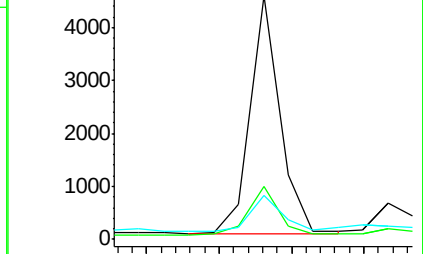
179 17.9 13.6 20.4



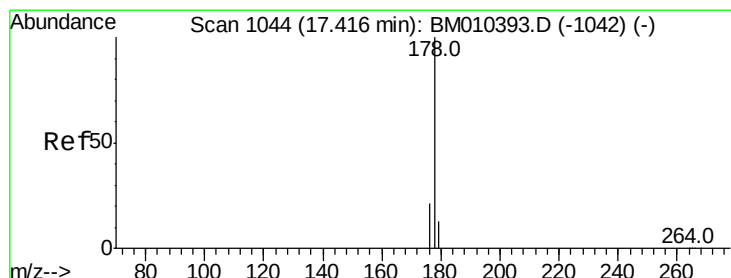
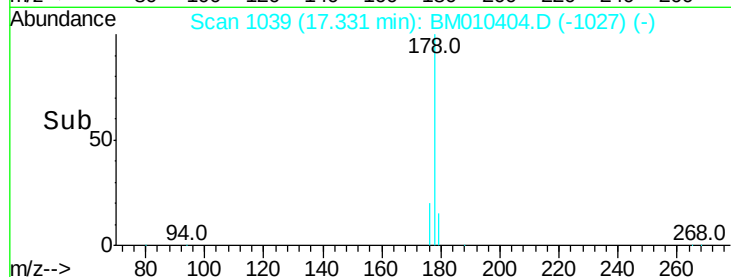
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 0.67 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.09 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

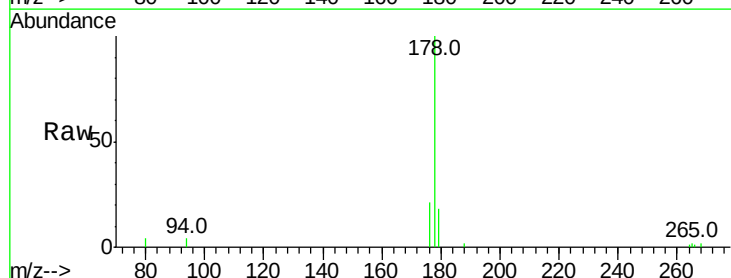
Tgt Ion:178 Resp: 6414

Ion Ratio Lower Upper

178 100

176 21.5 18.1 27.1

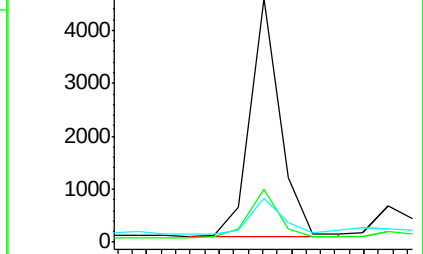
179 17.9 14.7 22.1



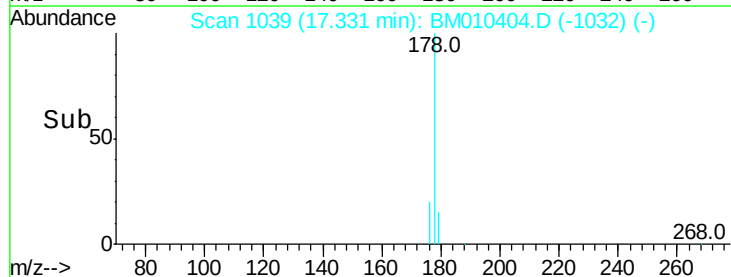
Abundance Ion 178.00 (177.70 to 178.70): E

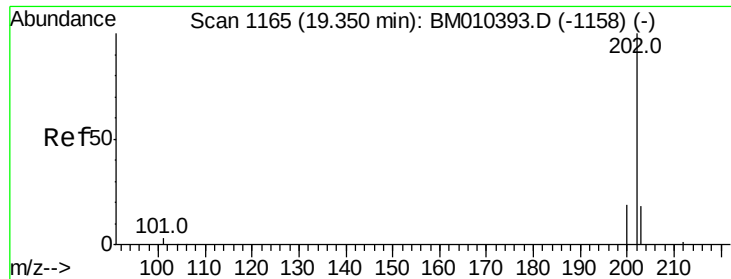
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.57 ng/ul

RT: 19.35 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampleId :

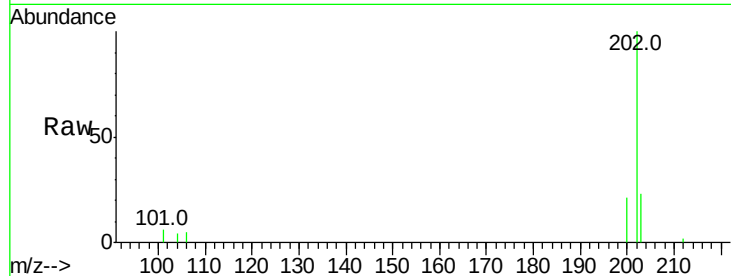
Tot Ion:202 Resp: 7248

Ion Ratio Lower Upper

202 100

101 5.8 0.0 30.3

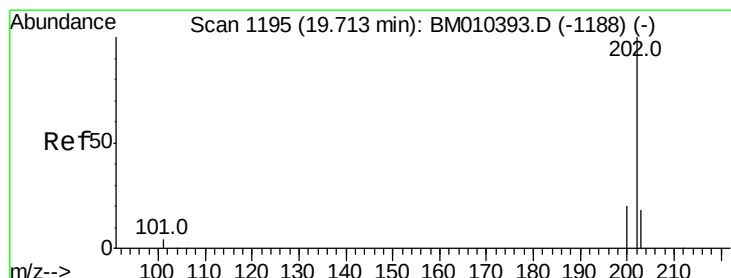
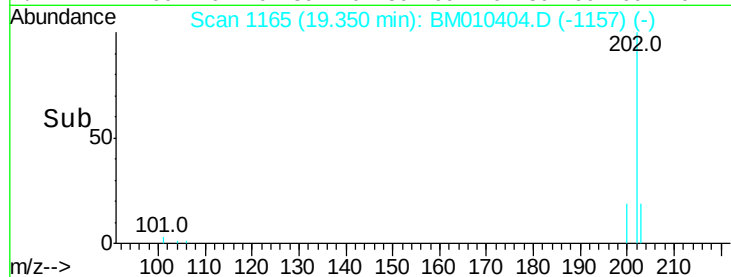
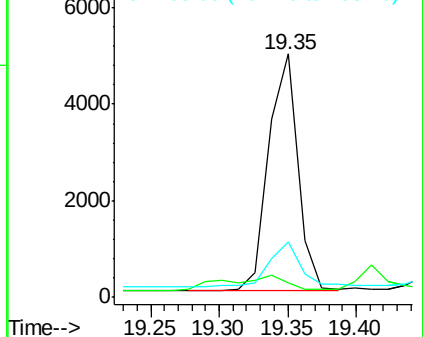
203 22.7 0.0 39.5



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



#17

Pyrene

Concen: 0.52 ng/ul

RT: 19.71 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

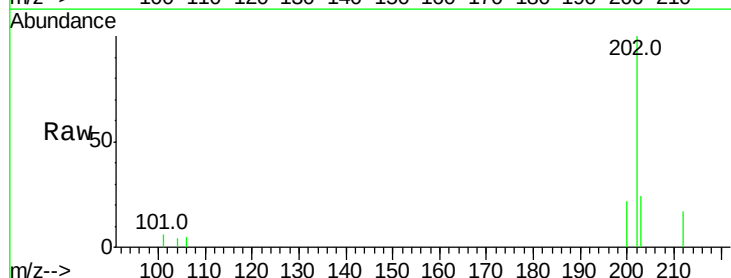
Tgt Ion:202 Resp: 7232

Ion Ratio Lower Upper

202 100

200 21.7 18.2 27.4

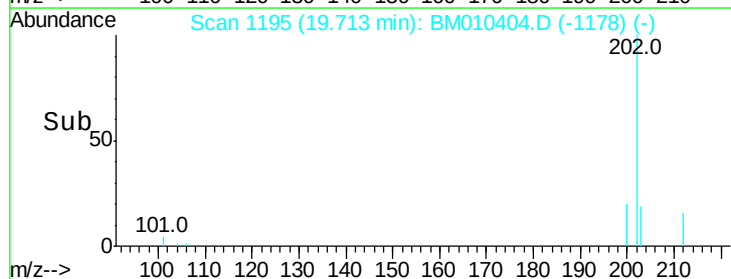
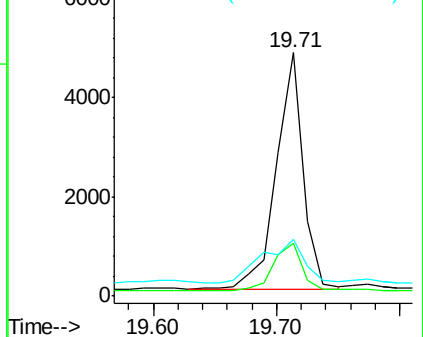
203 23.5 15.6 23.4#

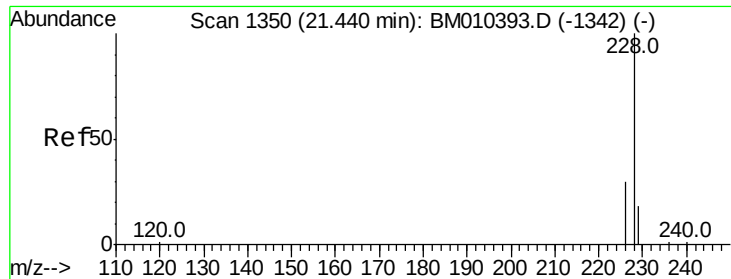


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.29 ng/ul

RT: 21.44 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

Instrument :

BNA_M

ClientSampleId :

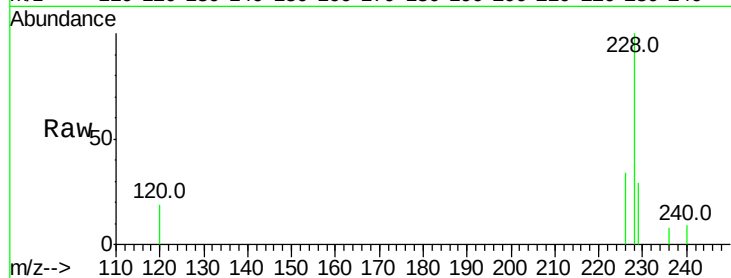
Tot Ion:228 Resp: 3834

Ion Ratio Lower Upper

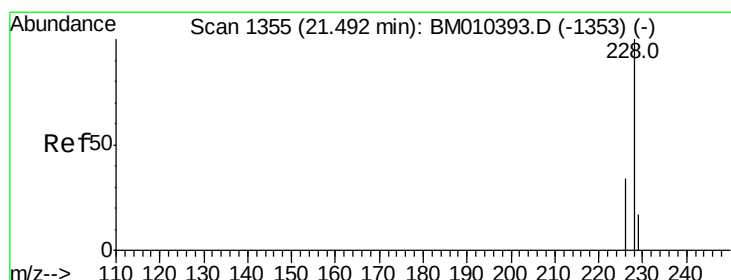
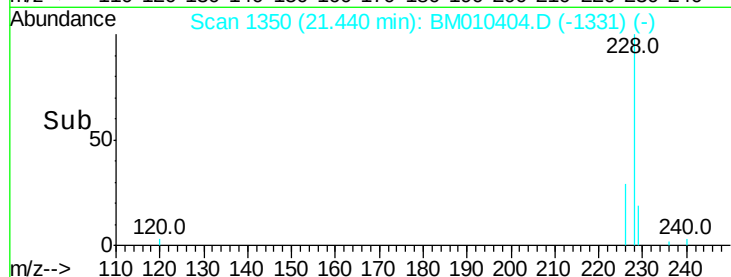
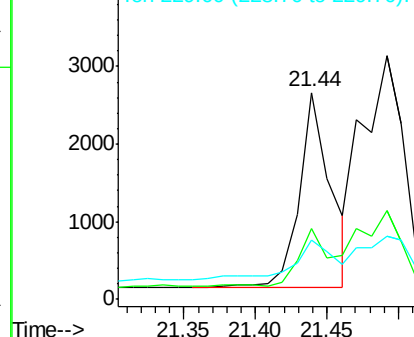
228 100

226 34.5 22.8 34.2#

229 28.7 17.0 25.6#



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



#19

Chrysene

Concen: 0.47 ng/ul

RT: 21.49 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM010404.D

Acq: 03 Jun 2017 01:12

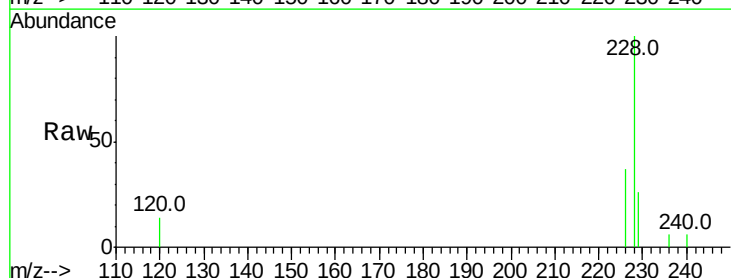
Tgt Ion:228 Resp: 6088

Ion Ratio Lower Upper

228 100

226 36.7 23.4 35.0#

229 26.1 17.7 26.5



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

