

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060217\
 Data File : BM010408.D
 Acq On : 03 Jun 2017 03:35
 Operator : SJ/MA
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 03 05:19:39 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

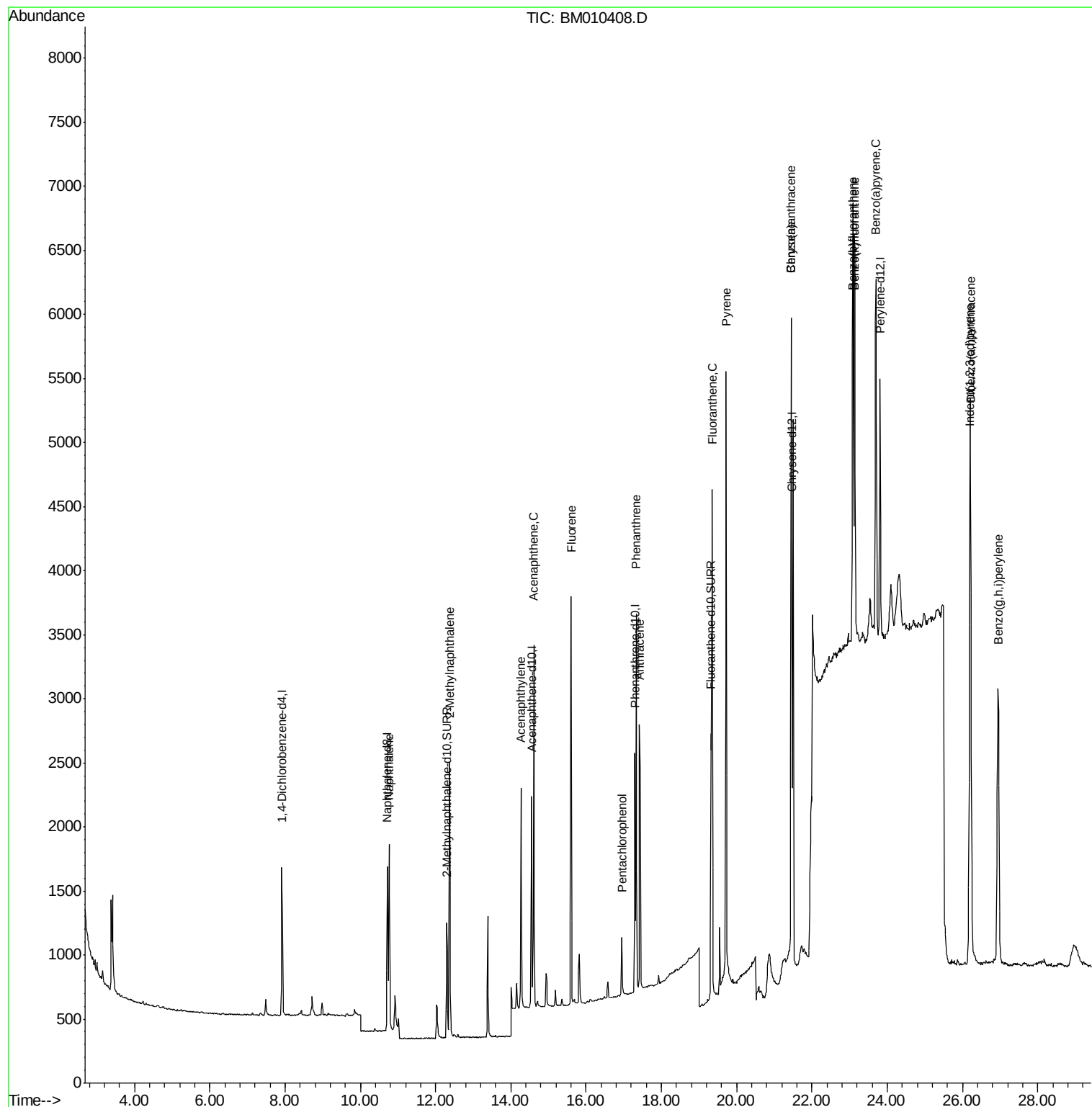
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	685	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2018	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1116	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	2537	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	2658	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	2807	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	1184	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	2852	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	2089	0.39	ng/ul	97
5) 2-Methylnaphthalene	12.37	142	1530	0.41	ng/ul	99
7) Acenaphthylene	14.26	152	2349	0.42	ng/ul	95
8) Acenaphthene	14.61	153	1687	0.40	ng/ul	97
9) Fluorene	15.60	166	2021	0.40	ng/ul	91
11) Pentachlorophenol	16.95	266	467	0.48	ng/ul	99
12) Phenanthrene	17.33	178	3240	0.40	ng/ul	99
13) Anthracene	17.42	178	3175	0.42	ng/ul	97
15) Fluoranthene	19.35	202	4212	0.42	ng/ul	93
17) Pyrene	19.71	202	4675	0.41	ng/ul	96
18) Benzo(a)anthracene	21.44	228	4589	0.42	ng/ul	95
19) Chrysene	21.44	228	4556	0.44	ng/ul	96
21) Benzo(b)fluoranthene	23.09	252	4716	0.38	ng/ul	85
22) Benzo(k)fluoranthene	23.13	252	4641	0.40	ng/ul#	80
23) Benzo(a)pyrene	23.70	252	4651	0.40	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.19	276	5796	0.38	ng/ul	97
25) Dibenzo(a,h)anthracene	26.21	278	4622	0.38	ng/ul	92
26) Benzo(a,h,i)perylene	26.94	276	4840	0.37	ng/ul	98

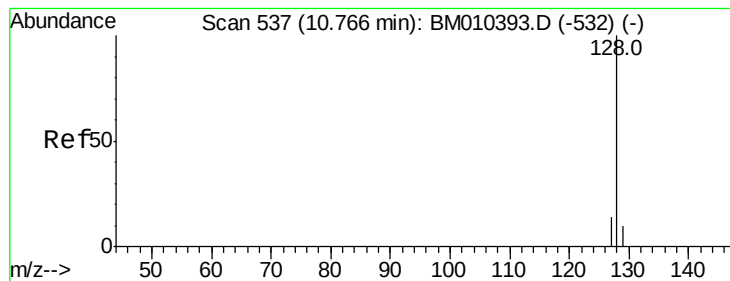
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.77 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

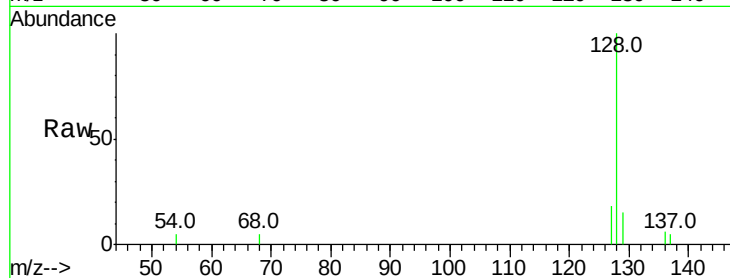
Tot Ion:128 Resp: 2089

Ion Ratio Lower Upper

128 100

129 14.9 11.3 16.9

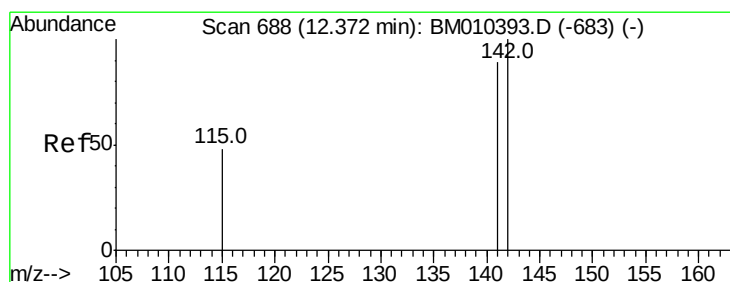
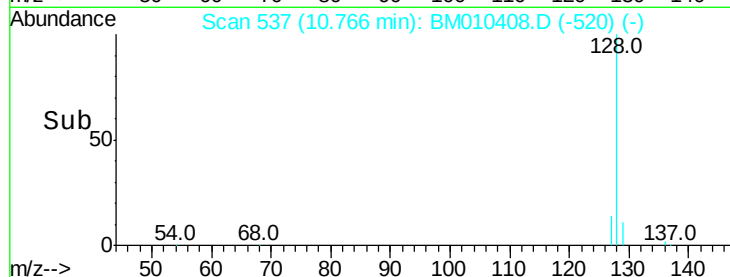
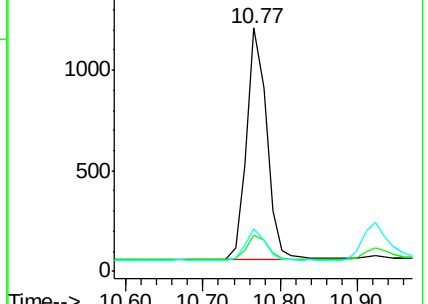
127 17.5 12.8 19.2



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: 0.41 ng/ul

RT: 12.37 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010408.D

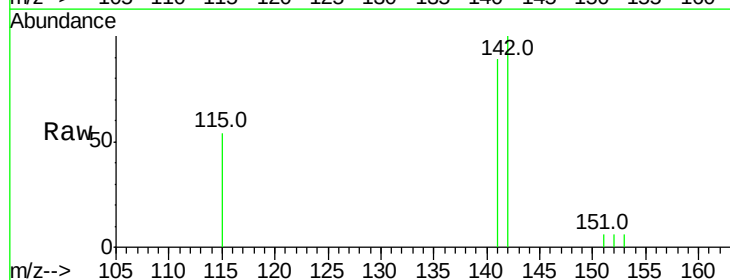
Acq: 03 Jun 2017 03:35

Tgt Ion:142 Resp: 1530

Ion Ratio Lower Upper

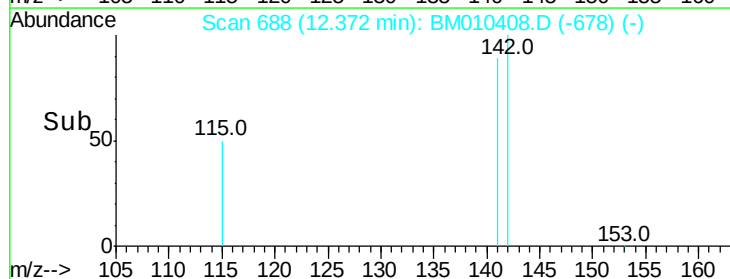
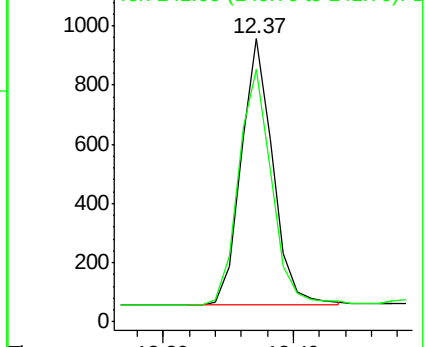
142 100

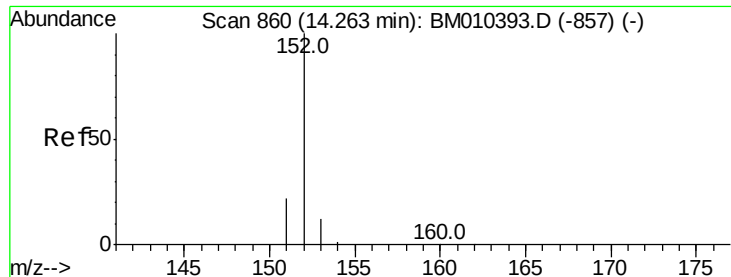
141 91.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.42 ng/ul

RT: 14.26 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

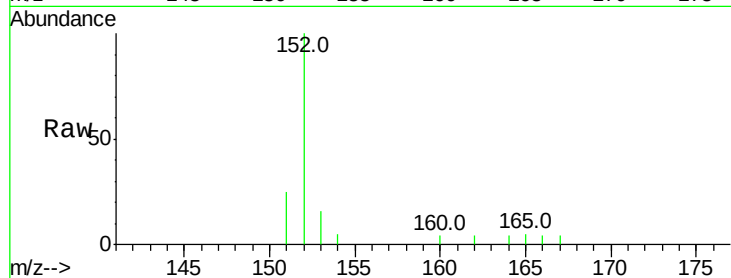
Tot Ion:152 Resp: 2349

Ion Ratio Lower Upper

152 100

151 25.5 17.1 25.7

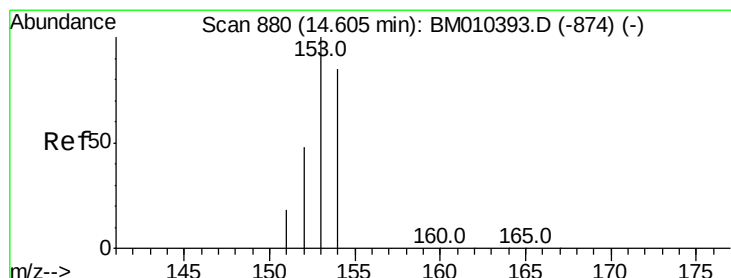
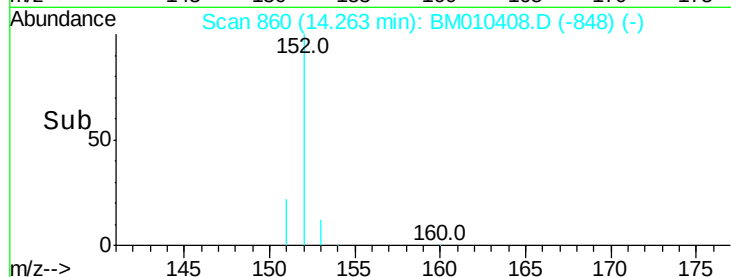
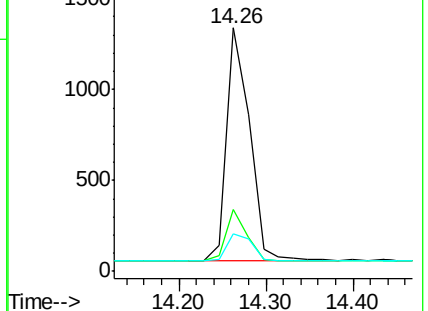
153 15.6 12.8 19.2



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: 0.40 ng/ul

RT: 14.61 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

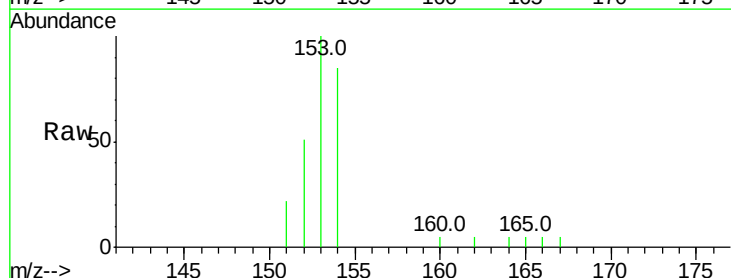
Tgt Ion:153 Resp: 1687

Ion Ratio Lower Upper

153 100

152 51.1 40.3 60.5

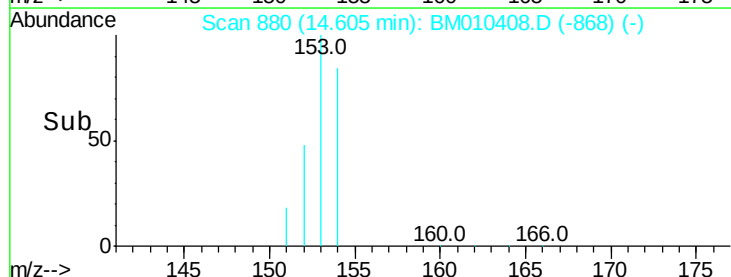
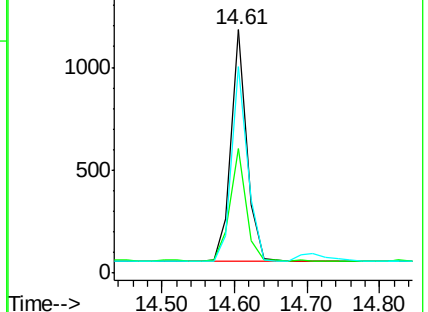
154 85.0 71.4 107.2

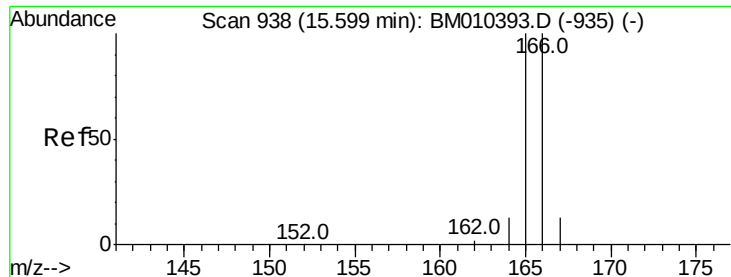


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.40 ng/ul

RT: 15.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

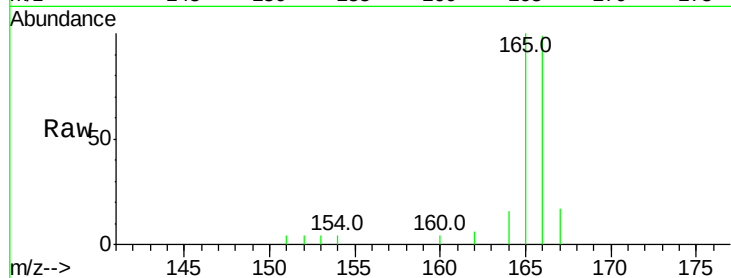
Tot Ion:166 Resp: 2021

Ion Ratio Lower Upper

166 100

165 101.2 73.4 110.2

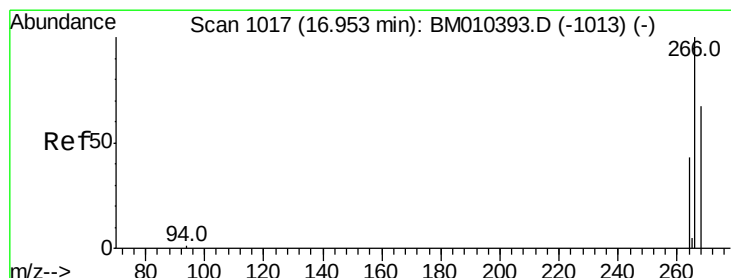
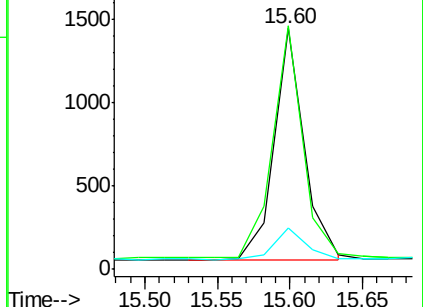
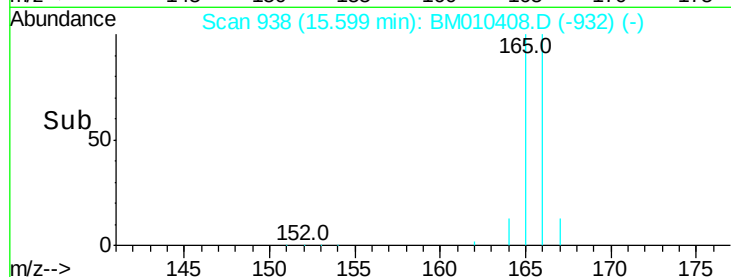
167 17.0 14.6 22.0



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



#11

Pentachlorophenol

Concen: 0.48 ng/ul

RT: 16.95 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

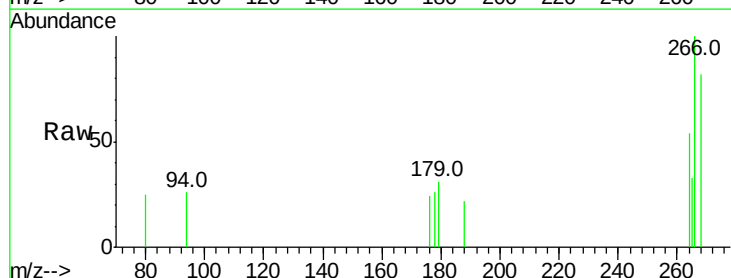
Tgt Ion:266 Resp: 467

Ion Ratio Lower Upper

266 100

264 60.6 47.9 71.9

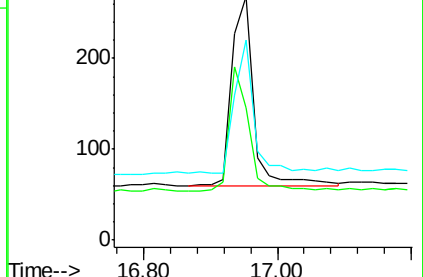
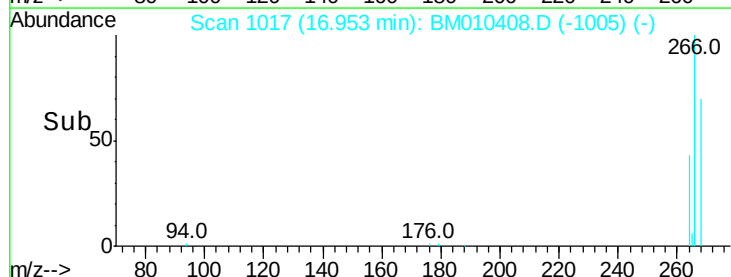
268 62.1 49.8 74.8

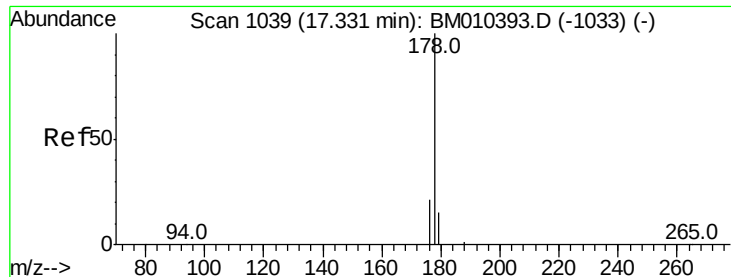


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

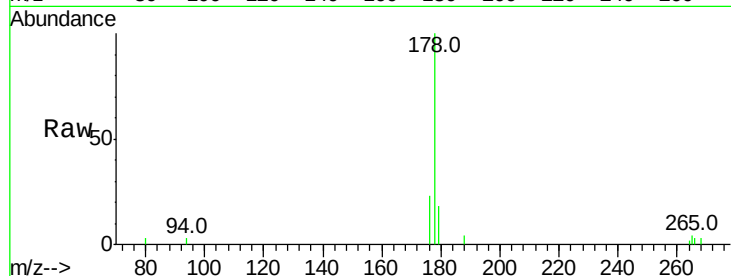
Tot Ion:178 Resp: 3240

Ion Ratio Lower Upper

178 100

176 23.1 18.4 27.6

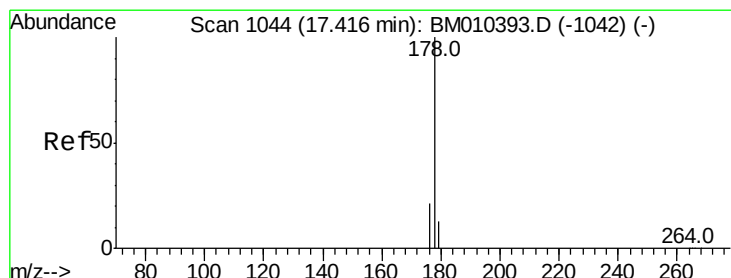
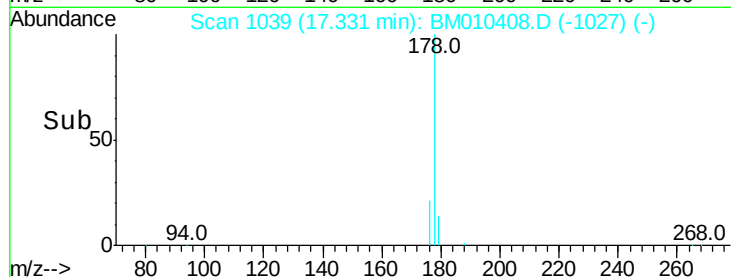
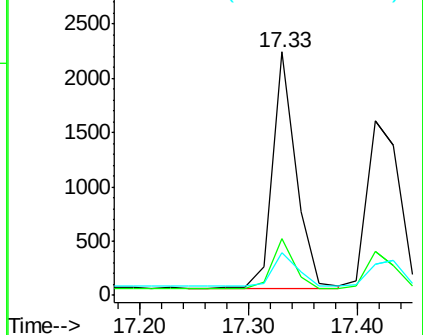
179 17.5 13.6 20.4



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



#13

Anthracene

Concen: 0.42 ng/ul

RT: 17.42 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

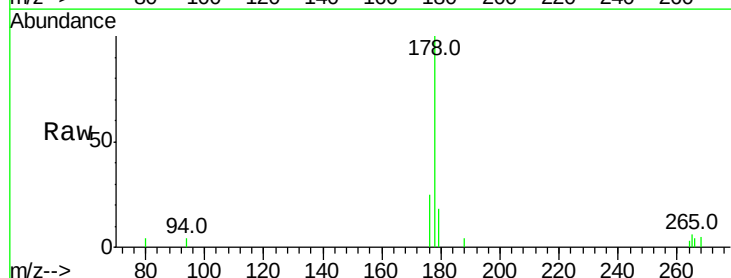
Tgt Ion:178 Resp: 3175

Ion Ratio Lower Upper

178 100

176 25.0 18.1 27.1

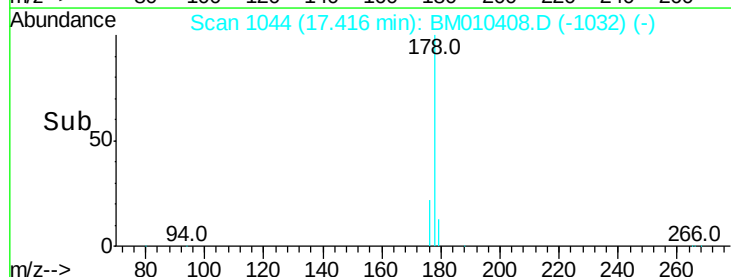
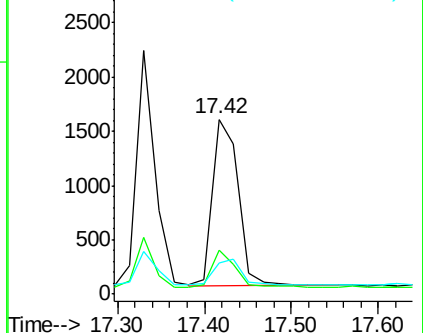
179 17.8 14.7 22.1

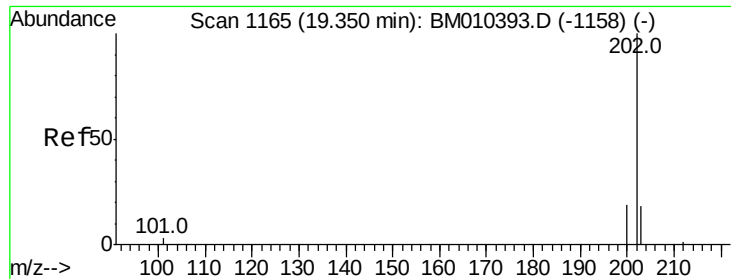


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

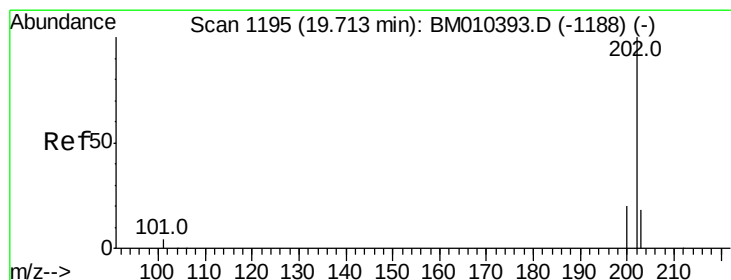
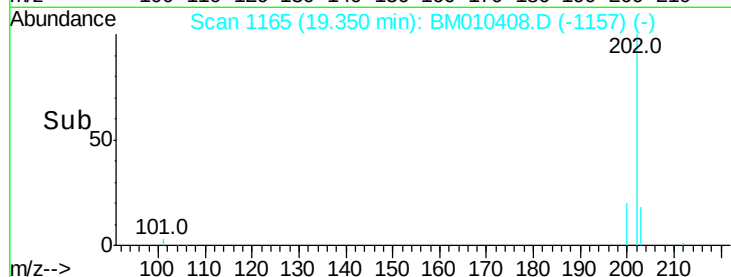
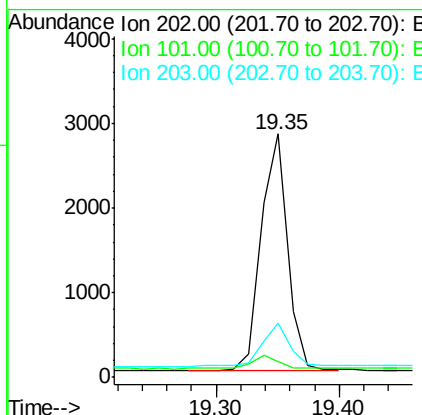
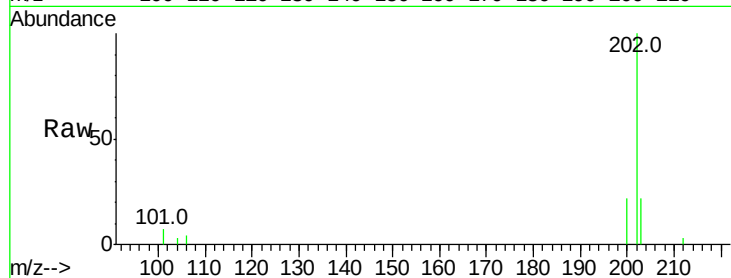




#15
Fluoranthene
Concen: 0.42 ng/ul
RT: 19.35 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BM010408.D
Acq: 03 Jun 2017 03:35

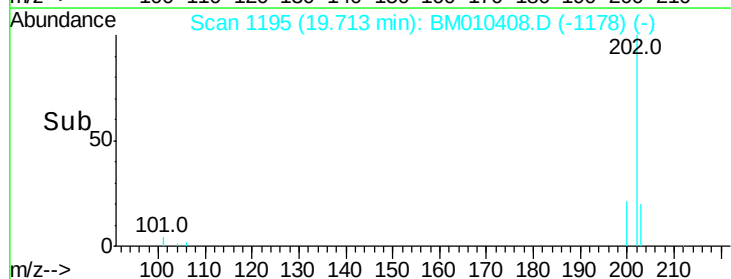
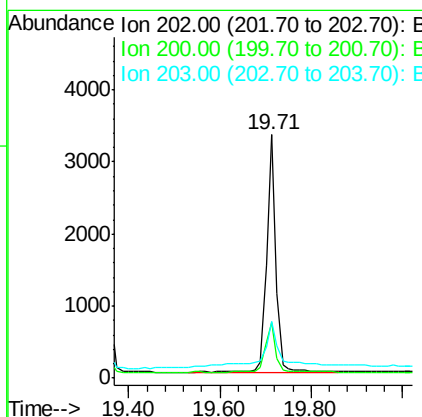
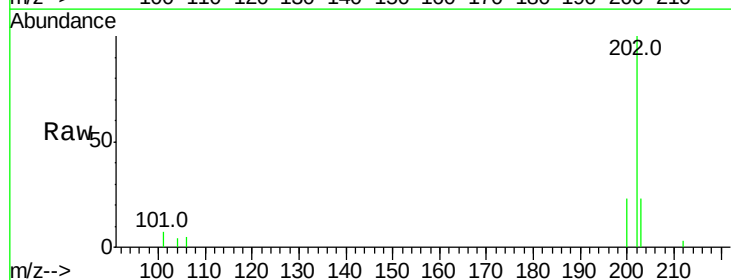
Instrument :
BNA_M
ClientSampleId :

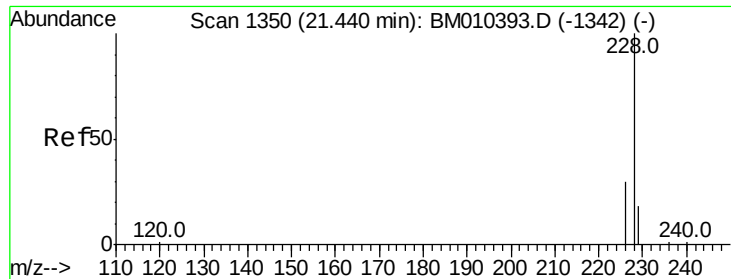
Tot Ion:202 Resp: 4212
Ion Ratio Lower Upper
202 100
101 6.6 0.0 30.3
203 22.1 0.0 39.5



#17
Pyrene
Concen: 0.41 ng/ul
RT: 19.71 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM010408.D
Acq: 03 Jun 2017 03:35

Tgt Ion:202 Resp: 4675
Ion Ratio Lower Upper
202 100
200 22.9 18.2 27.4
203 23.3 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.44 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

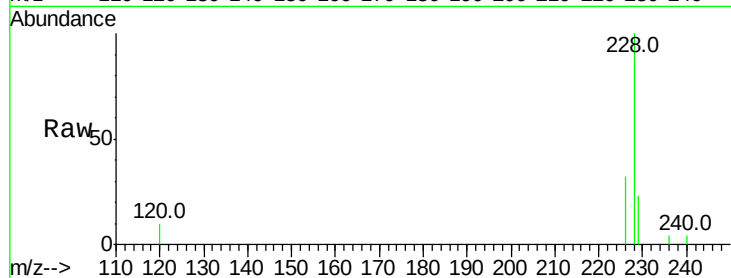
Tot Ion:228 Resp: 4589

Ion Ratio Lower Upper

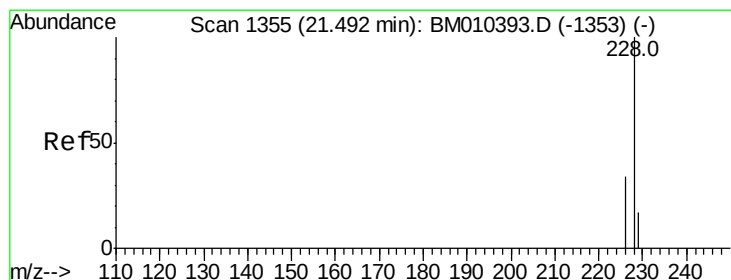
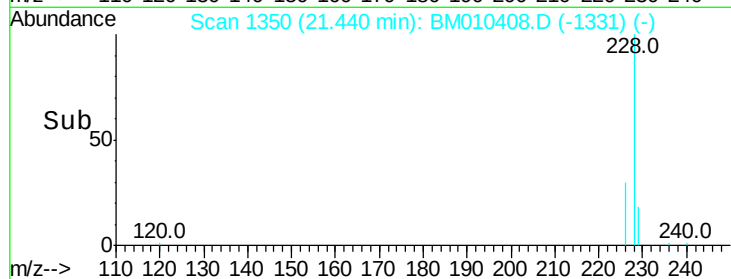
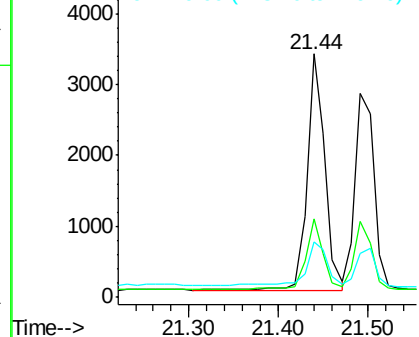
228 100

226 32.3 22.8 34.2

229 22.5 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: 0.44 ng/ul

RT: 21.44 min Scan# 1350

Delta R.T. -0.05 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

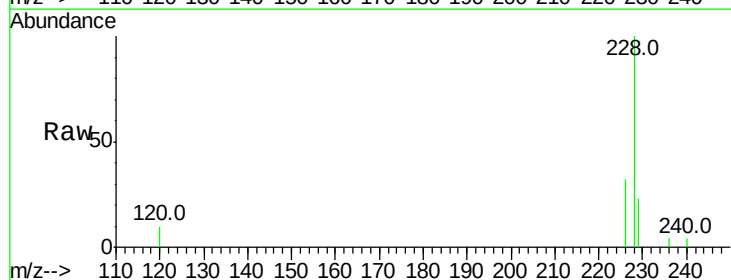
Tgt Ion:228 Resp: 4556

Ion Ratio Lower Upper

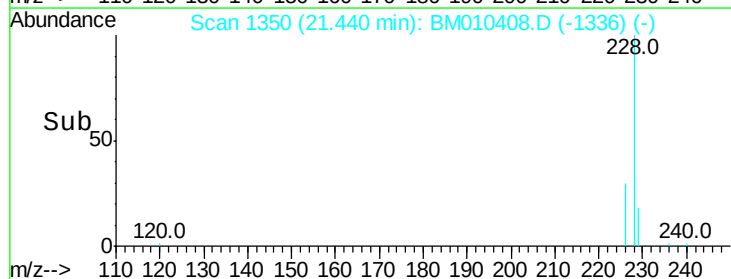
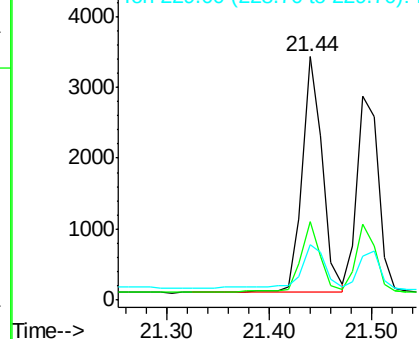
228 100

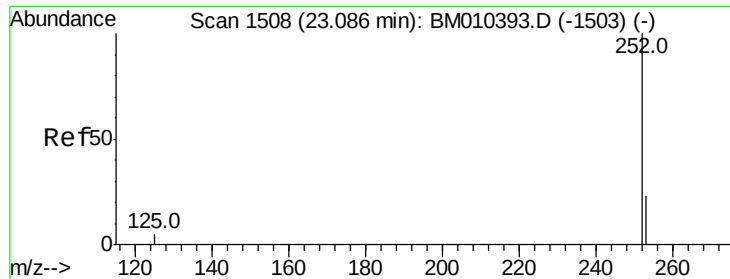
226 32.3 23.4 35.0

229 22.5 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





#21

Benzo(b)fluoranthene

Concen: 0.38 ng/ul

RT: 23.09 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

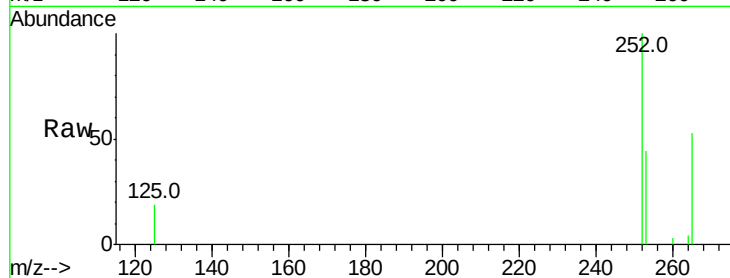
Tot Ion:252 Resp: 4716

Ion Ratio Lower Upper

252 100

253 43.9 0.0 64.2

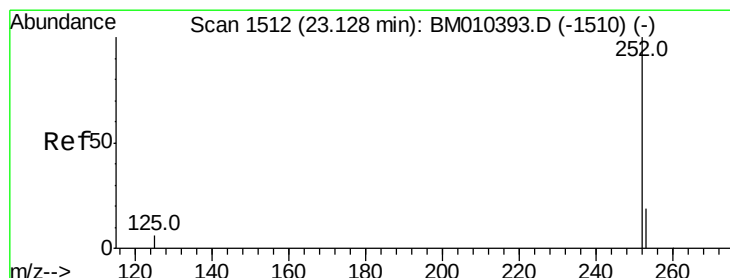
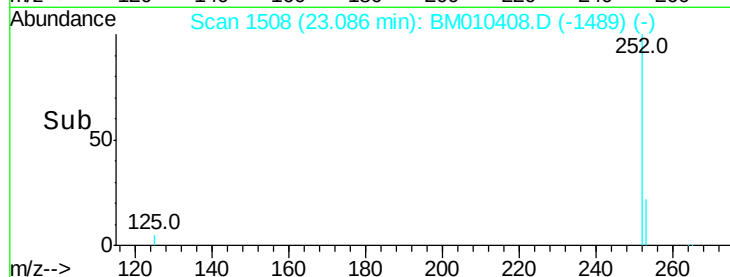
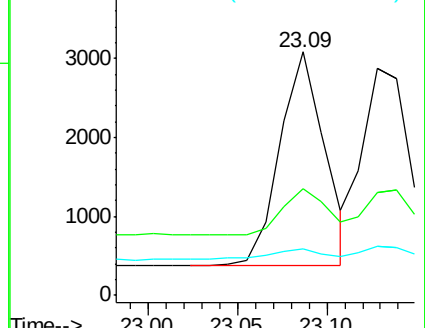
125 19.2 0.0 35.0



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: 0.40 ng/ul

RT: 23.13 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

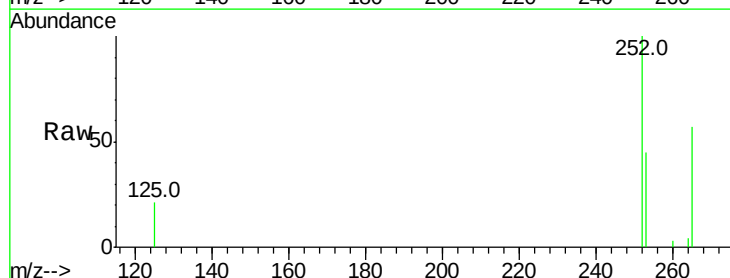
Tgt Ion:252 Resp: 4641

Ion Ratio Lower Upper

252 100

253 45.0 24.5 36.7#

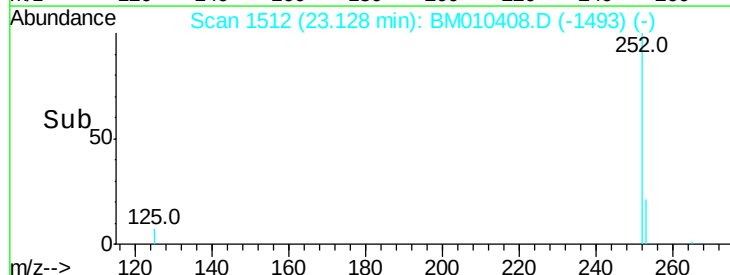
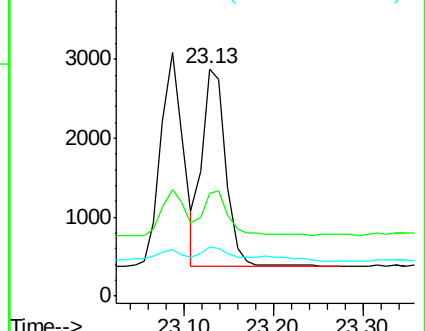
125 21.4 13.7 20.5#

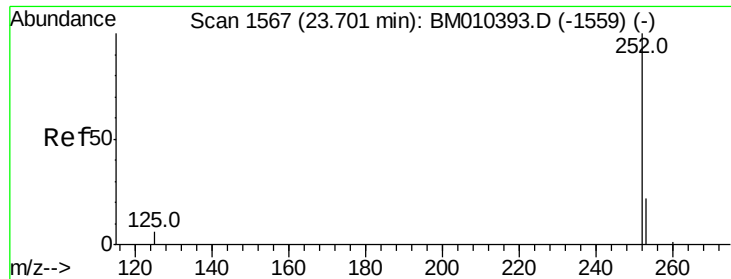


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.70 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

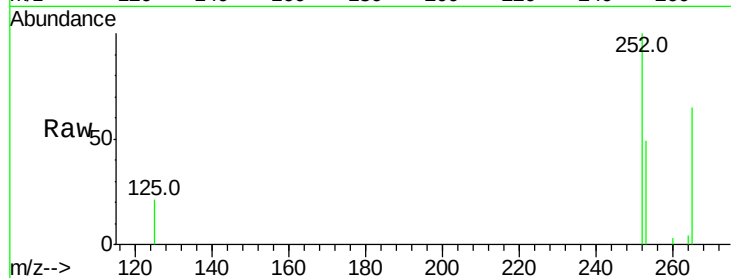
Tot Ion:252 Resp: 4651

Ion Ratio Lower Upper

252 100

253 49.1 28.5 42.7#

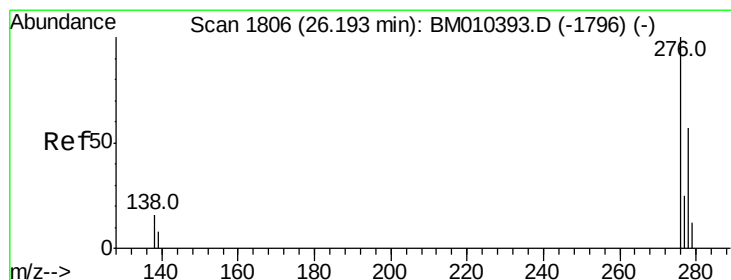
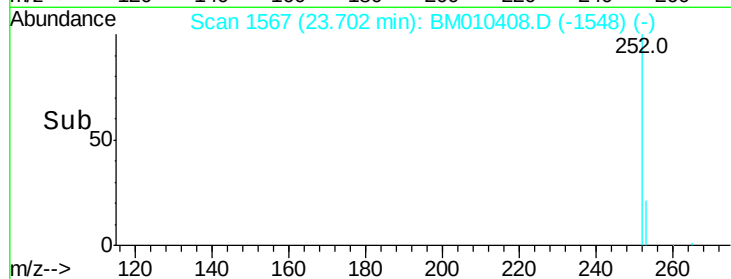
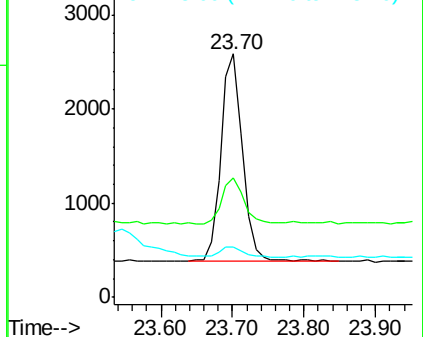
125 20.7 18.1 27.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.38 ng/ul

RT: 26.19 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

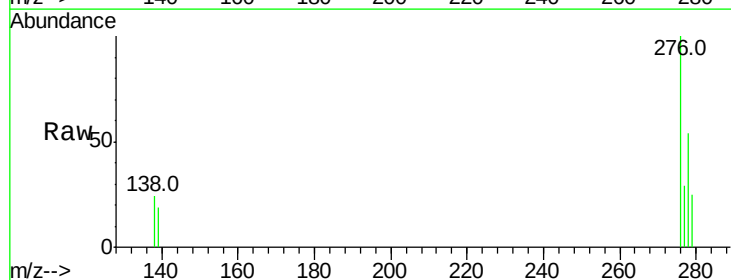
Tgt Ion:276 Resp: 5796

Ion Ratio Lower Upper

276 100

138 21.4 19.1 28.7

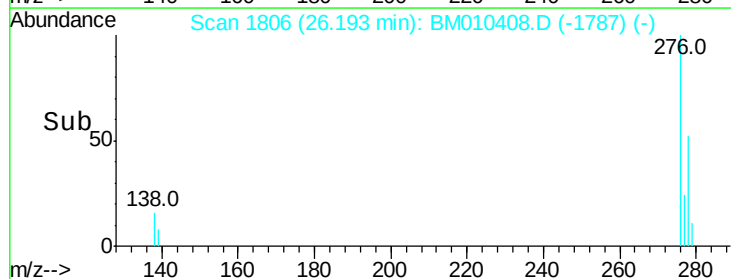
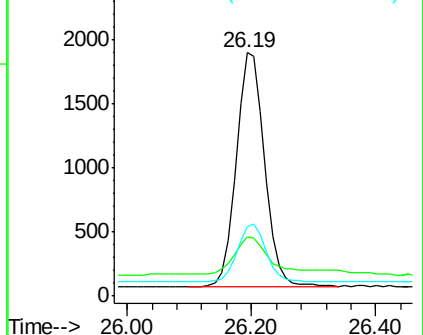
277 25.3 19.6 29.4

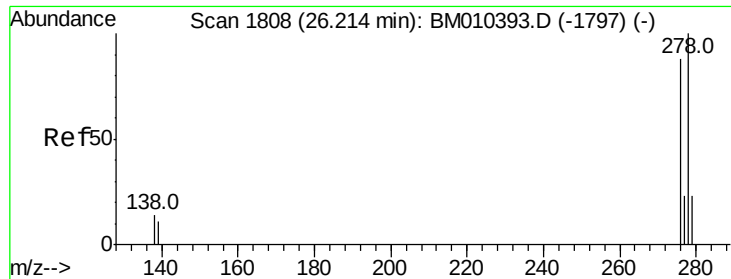


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.38 ng/ul

RT: 26.21 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

Instrument :

BNA_M

ClientSampleId :

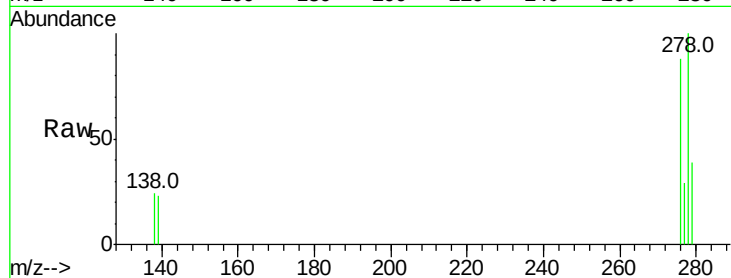
Tot Ion:278 Resp: 4622

Ion Ratio Lower Upper

278 100

139 23.4 17.4 26.0

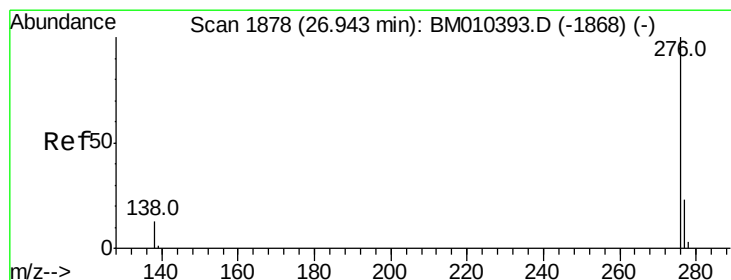
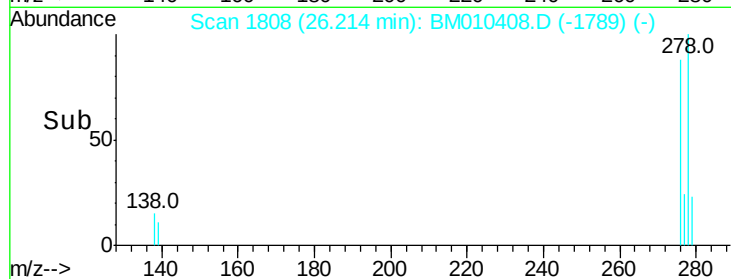
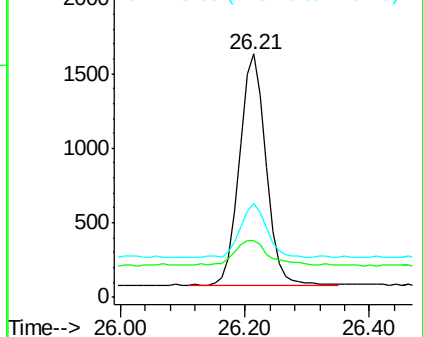
279 38.7 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.37 ng/ul

RT: 26.94 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM010408.D

Acq: 03 Jun 2017 03:35

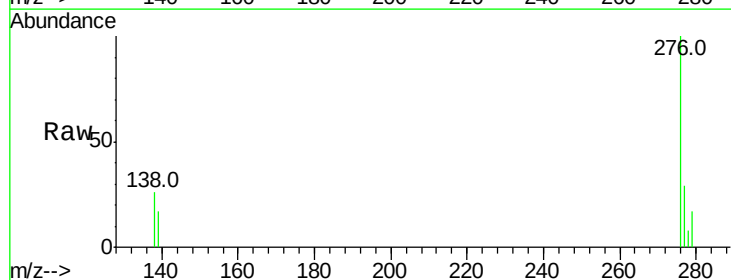
Tgt Ion:276 Resp: 4840

Ion Ratio Lower Upper

276 100

277 29.1 21.8 32.8

138 25.6 20.5 30.7



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

