

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010741.D
 Acq On : 24 Jun 2017 21:52
 Operator : SJ/JU
 Sample : I3653-05MEDL 100X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B22MEDL

Quant Time: Jun 26 04:57:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	59435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	275370	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	189514	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	491968	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	584613	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	466911	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	673	0.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	395	0.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	655	0.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.17	113	394	0.08	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	127	0.06	ng/ul	0.00
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.85	165	539	0.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	1573	0.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	3542	0.21	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	3478	0.18	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.11	176	4242	0.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.86	188	491968	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	6755	0.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	4968	0.22	ng/ul	0.00

Target Compounds

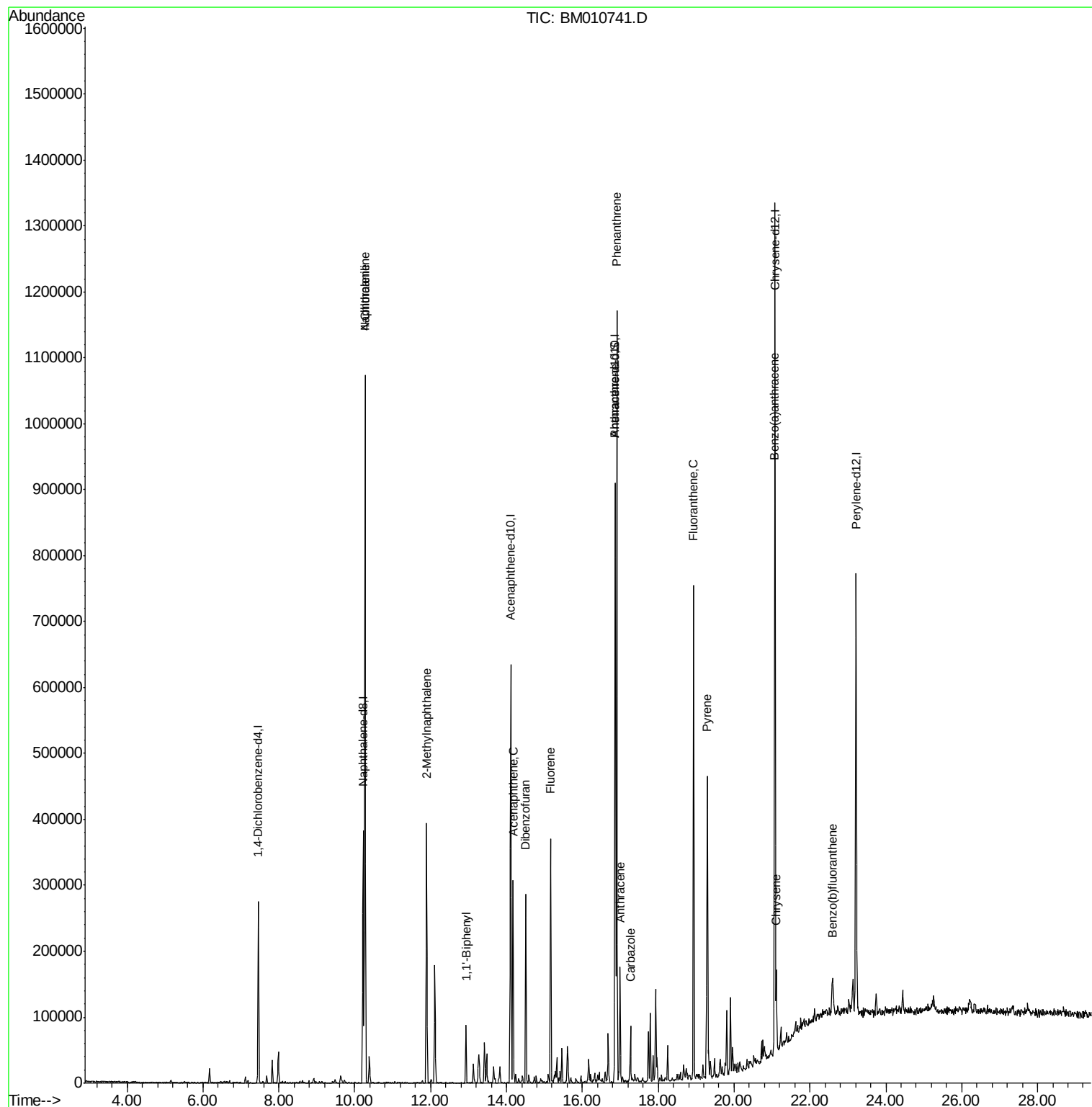
						Qvalue
28) Naphthalene	10.27	128	741773	54.13	ng/ul	100
30) 4-Chloroaniline	10.27	127	100105	19.82	ng/ul#	23
34) 2-Methylnaphthalene	11.89	142	157337	14.28	ng/ul	93
40) 1,1'-Biphenyl	12.93	154	38793	2.62	ng/ul	100
49) Acenaphthene	14.17	153	115561	9.29	ng/ul	100
53) Dibenzofuran	14.51	168	143958	7.65	ng/ul	94
58) Fluorene	15.16	166	143733	9.12	ng/ul	99
69) Phenanthrene	16.90	178	636916	24.35	ng/ul	99
71) Anthracene	16.99	178	101204	3.76	ng/ul	97
72) Carbazole	17.27	167	47312	2.01	ng/ul	97
74) Fluoranthene	18.93	202	423824	12.57	ng/ul	98
77) Pyrene	19.30	202	285541	8.46	ng/ul	98
80) Benzo(a)anthracene	21.06	228	93421	2.74	ng/ul	98
82) Chrysene	21.12	228	65399	2.15	ng/ul	97
85) Benzo(b)fluoranthene	22.58	252	42569	1.40	ng/ul#	95

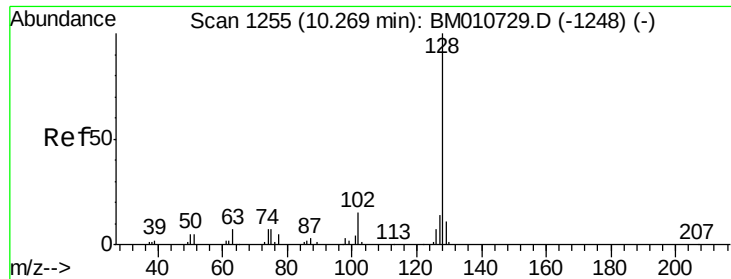
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 54.13 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

ClientSampleId :

F5B22MEDL

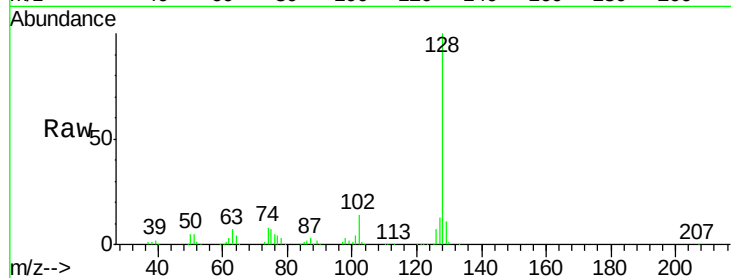
Tgt Ion:128 Resp: 741773

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.4 10.6 16.0



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

600000

500000

400000

300000

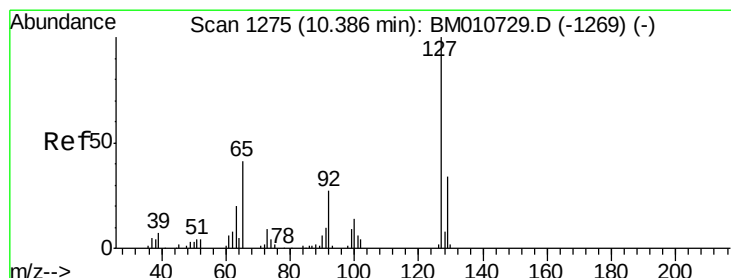
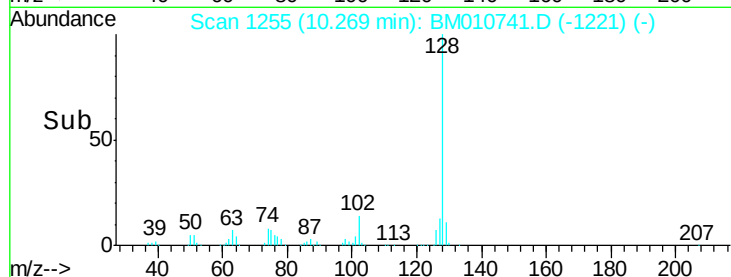
200000

100000

0

10.20 10.25 10.30

Time-->



#30

4-Chloroaniline

Concen: 19.82 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.12 min

Lab File: BM010741.D

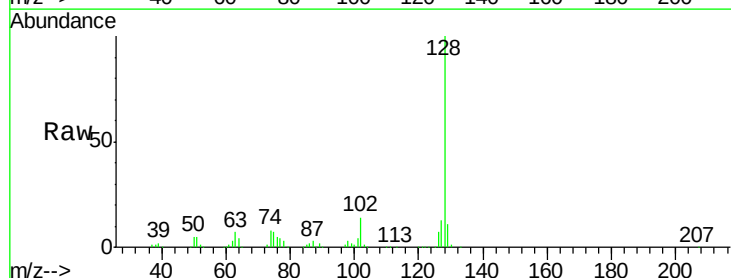
Acq: 24 Jun 2017 21:52

Tgt Ion:127 Resp: 100105

Ion Ratio Lower Upper

127 100

129 80.3 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

60000

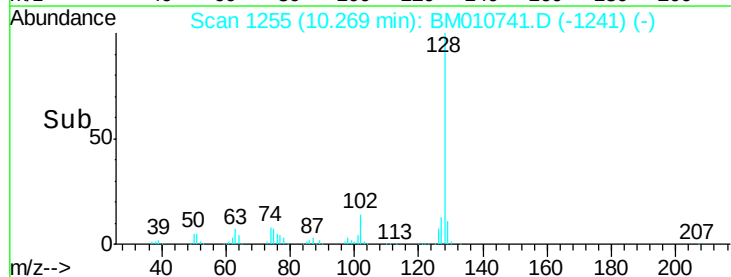
40000

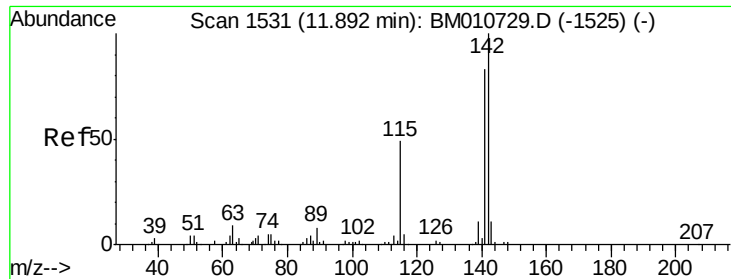
20000

0

10.20 10.25 10.30

Time-->

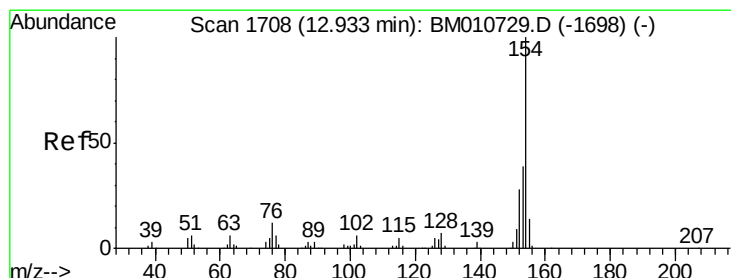
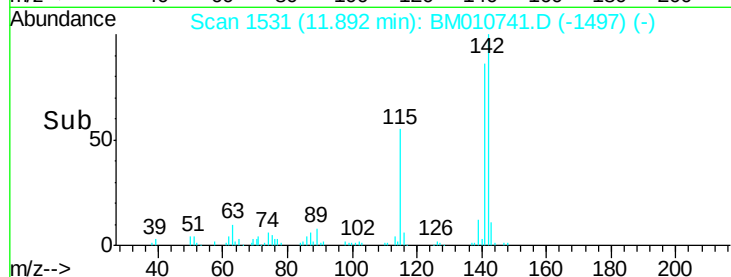
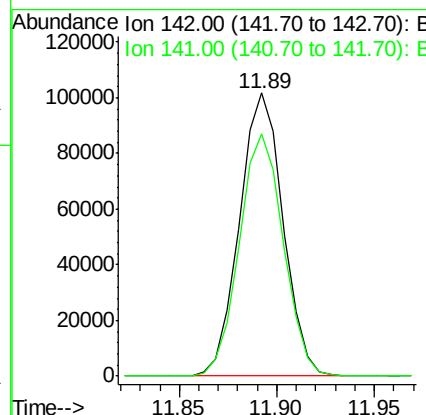
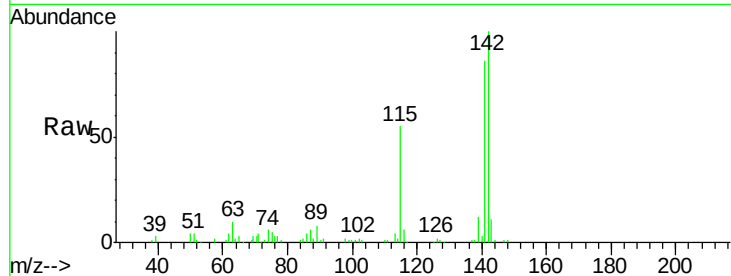




#34
 2-Methylnaphthalene
 Concen: 14.28 ng/ul
 RT: 11.89 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BM010741.D
 Acq: 24 Jun 2017 21:52

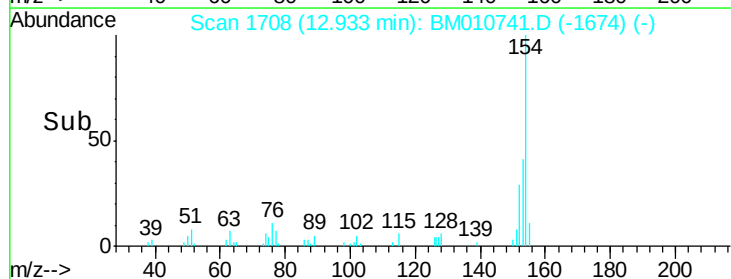
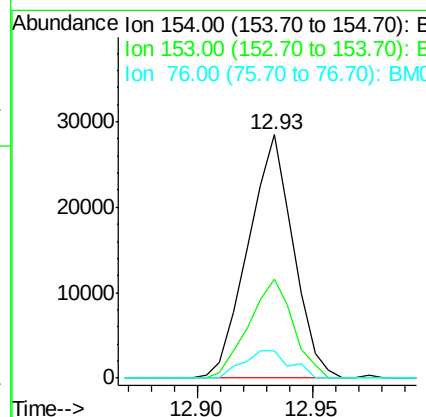
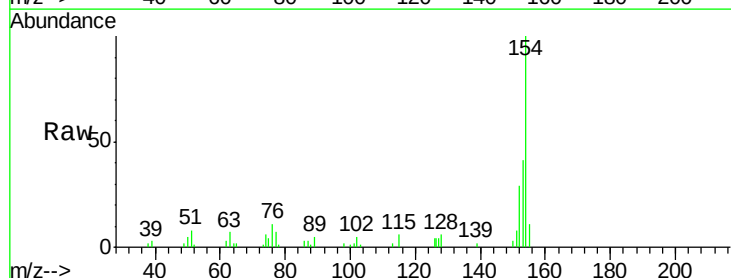
Instrument :
 BNA_M
 ClientSampleId :
 F5B22MEDL

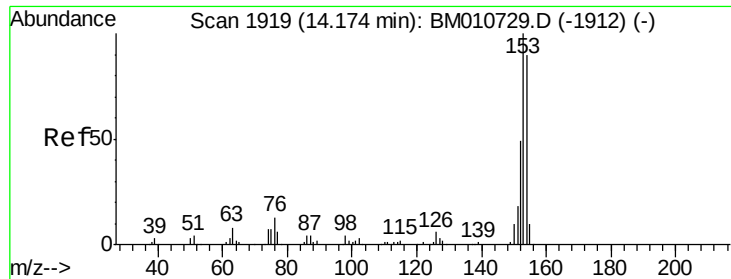
Tgt Ion:142 Resp: 157337
 Ion Ratio Lower Upper
 142 100
 141 85.8 74.1 111.1



#40
 1,1'-Biphenyl
 Concen: 2.62 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM010741.D
 Acq: 24 Jun 2017 21:52

Tgt Ion:154 Resp: 38793
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 48.8
 76 11.1 8.5 12.7





#49

Acenaphthene

Concen: 9.29 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

ClientSampleId :

F5B22MEDL

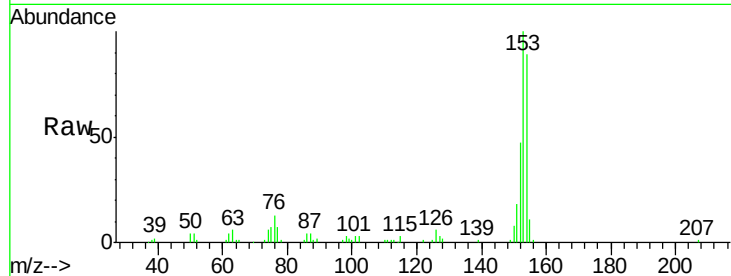
Tgt Ion:153 Resp: 115561

Ion Ratio Lower Upper

153 100

152 46.9 37.6 56.4

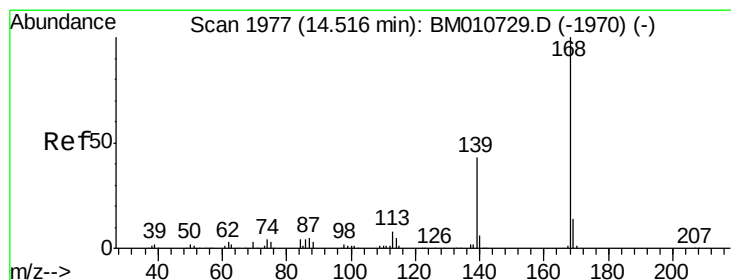
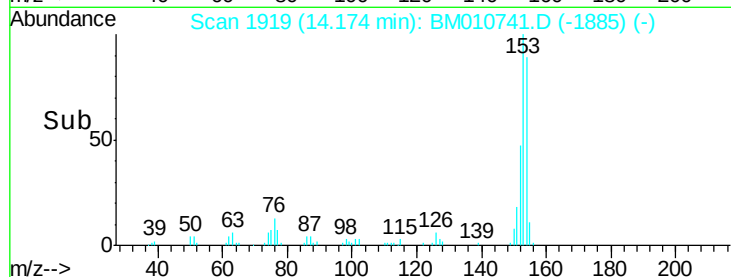
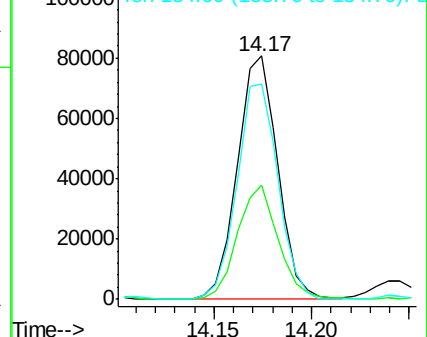
154 88.5 70.4 105.6



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



#53

Dibenzofuran

Concen: 7.65 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM010741.D

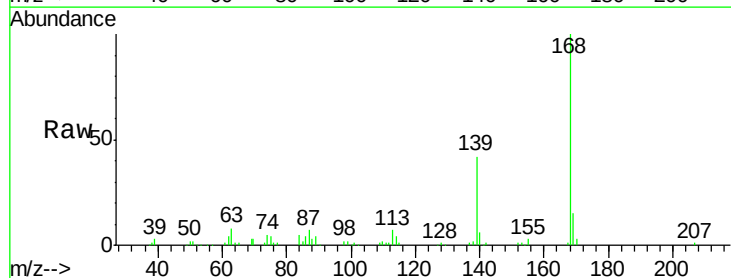
Acq: 24 Jun 2017 21:52

Tgt Ion:168 Resp: 143958

Ion Ratio Lower Upper

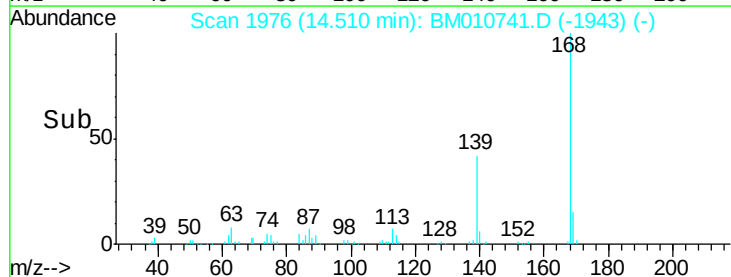
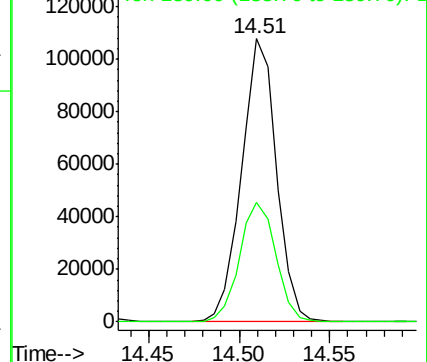
168 100

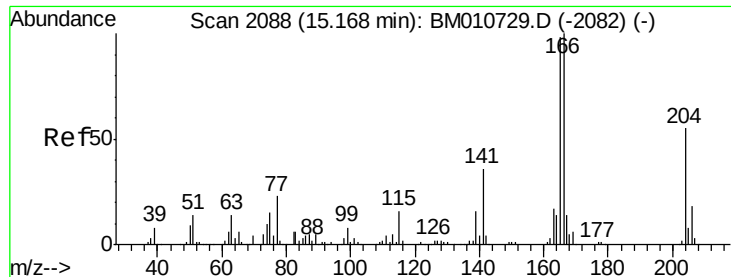
139 42.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

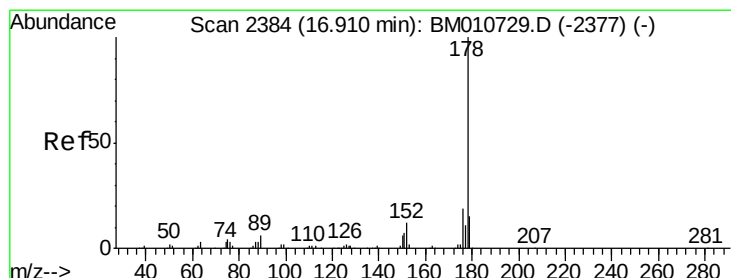
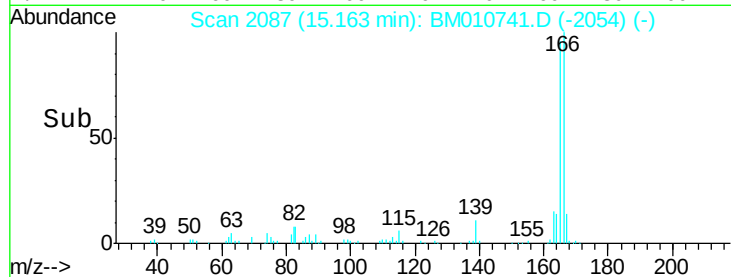
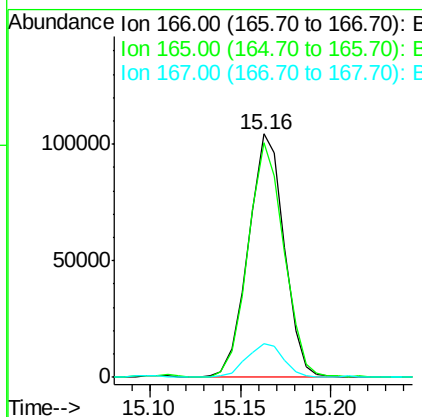
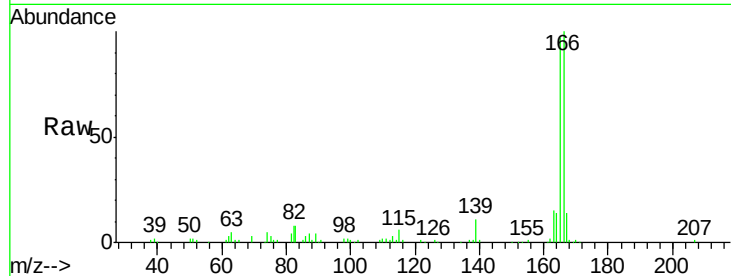




#58
 Fluorene
 Concen: 9.12 ng/ul
 RT: 15.16 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM010741.D
 Acq: 24 Jun 2017 21:52

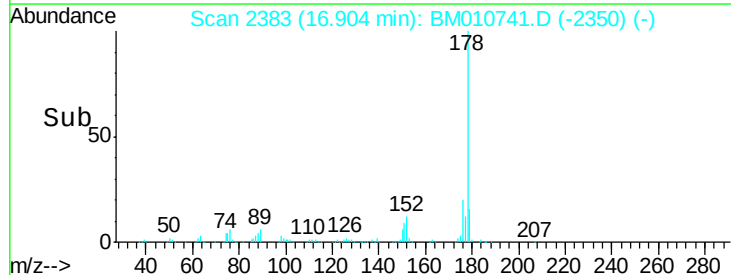
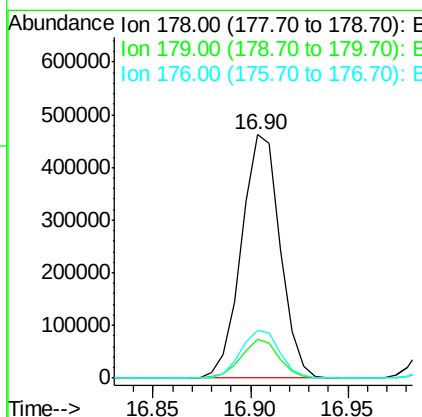
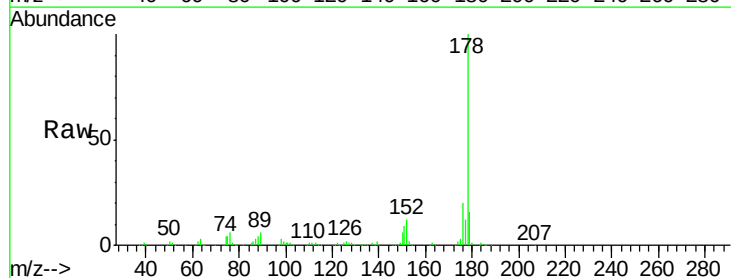
Instrument :
 BNA_M
 ClientSampled :
 F5B22MEDL

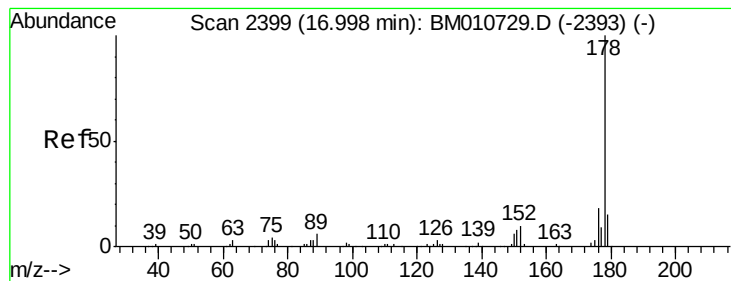
Tgt Ion:166 Resp: 143733
 Ion Ratio Lower Upper
 166 100
 165 96.5 77.9 116.9
 167 13.9 10.6 16.0



#69
 Phenanthrene
 Concen: 24.35 ng/ul
 RT: 16.90 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM010741.D
 Acq: 24 Jun 2017 21:52

Tgt Ion:178 Resp: 636916
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.6 19.0
 176 19.7 14.9 22.3





#71

Anthracene

Concen: 3.76 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

ClientSampleId :

F5B22MEDL

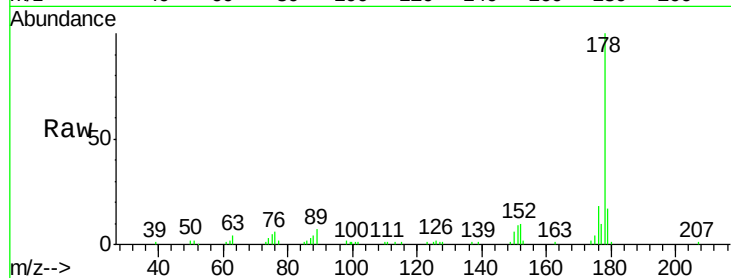
Tgt Ion:178 Resp: 101204

Ion Ratio Lower Upper

178 100

179 17.4 11.7 17.5

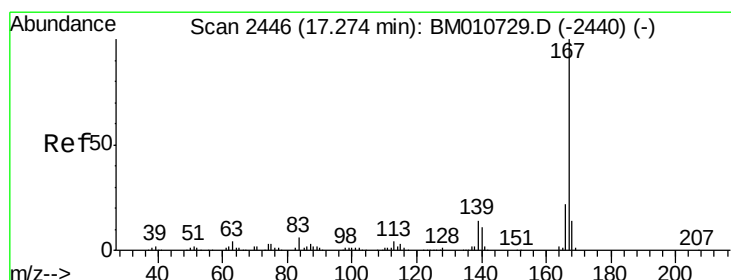
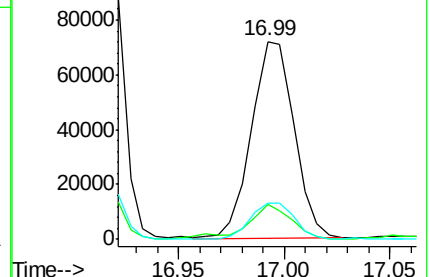
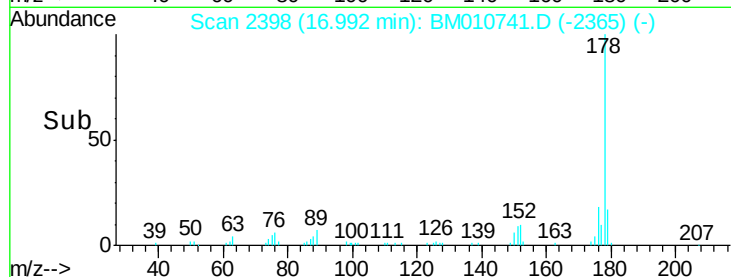
176 18.1 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 2.01 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

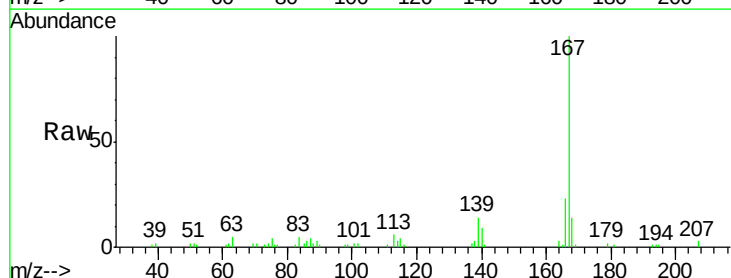
Tgt Ion:167 Resp: 47312

Ion Ratio Lower Upper

167 100

166 23.1 17.1 25.7

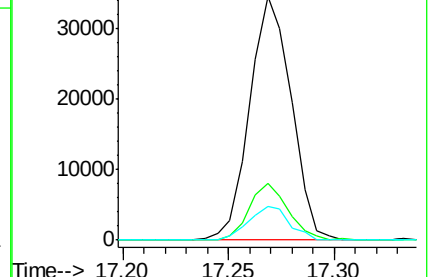
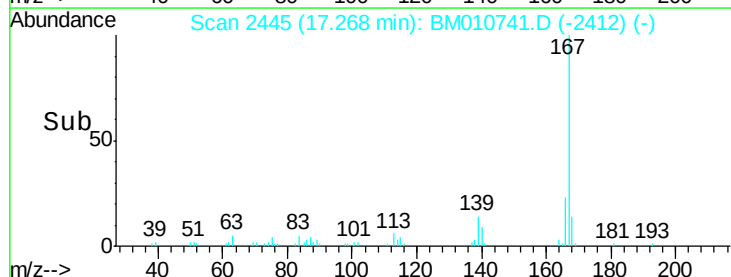
139 13.7 10.0 15.0

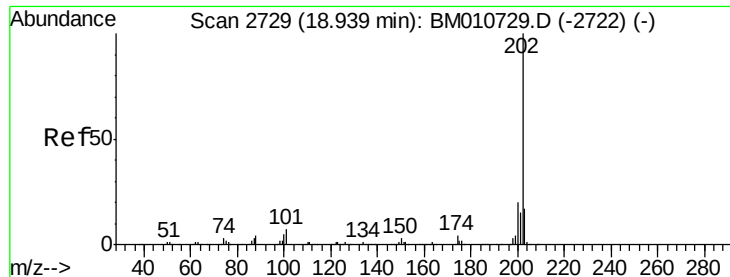


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

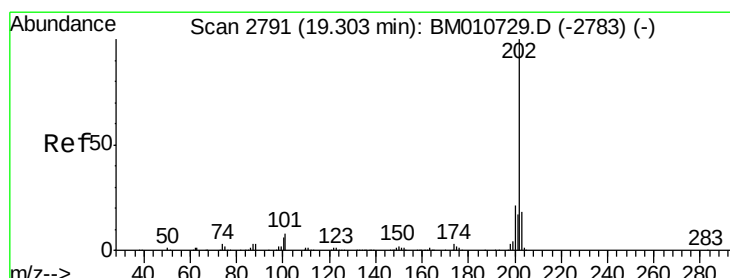
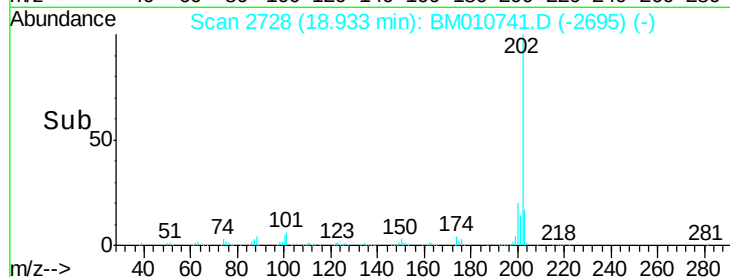
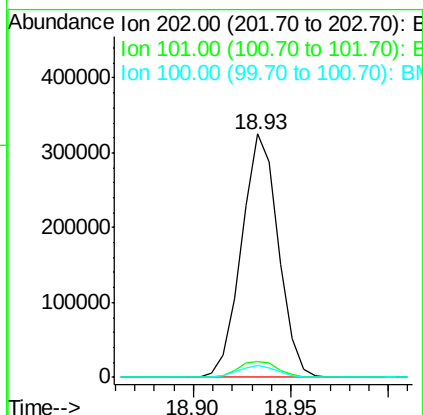
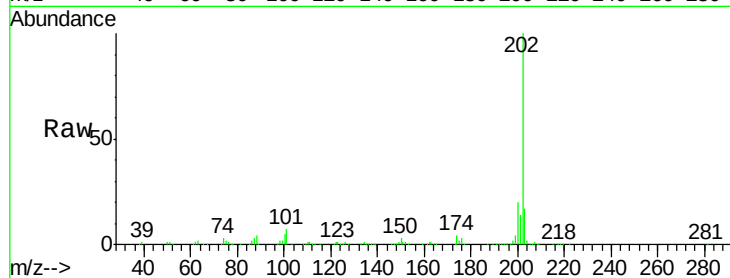




#74
Fluoranthene
Concen: 12.57 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

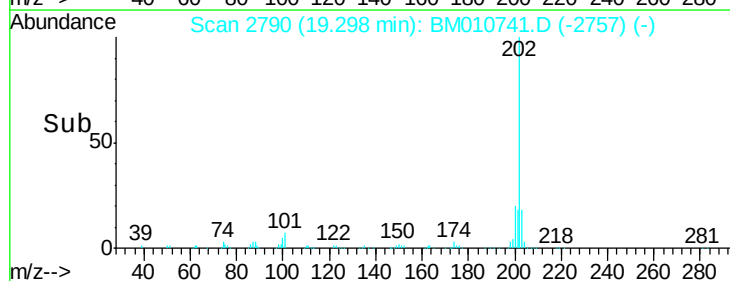
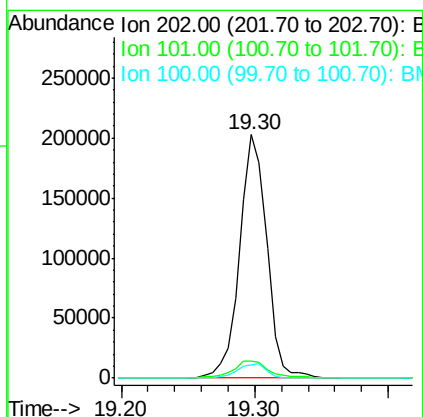
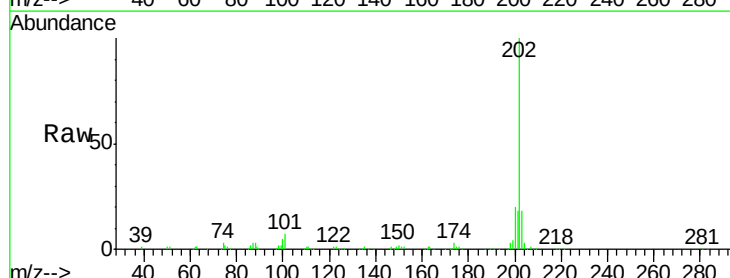
Instrument :
BNA_M
ClientSampleId :
F5B22MEDL

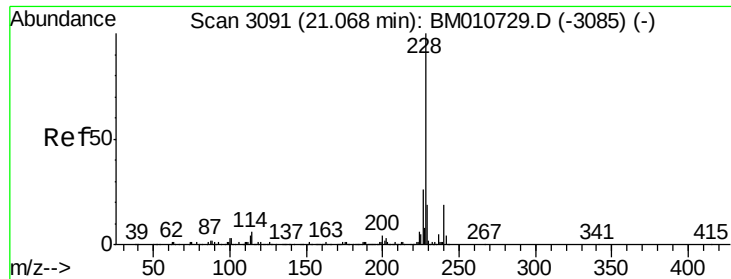
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.6	7.0
100	4.9	3.4	5.2



#77
Pyrene
Concen: 8.46 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM010741.D
Acq: 24 Jun 2017 21:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.1	7.7
100	5.4	4.9	7.3





#80

Benzo(a)anthracene

Concen: 2.74 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

Instrument :

BNA_M

ClientSampleId :

F5B22MEDL

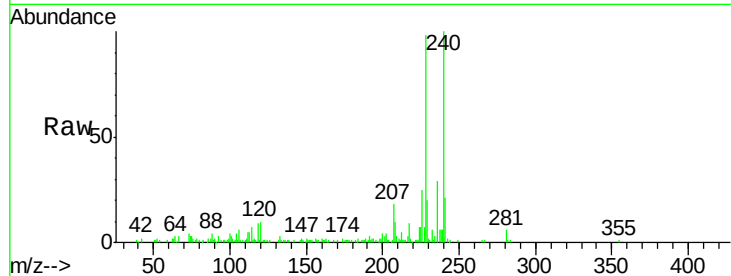
Tgt Ion:228 Resp: 93421

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

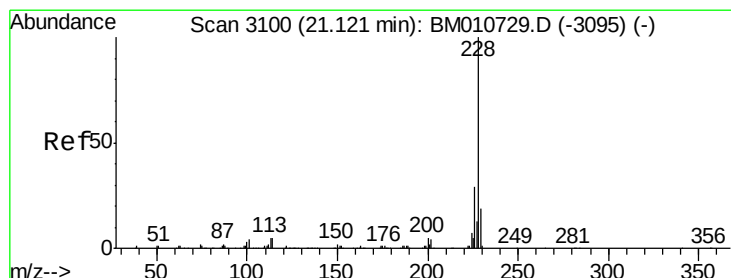
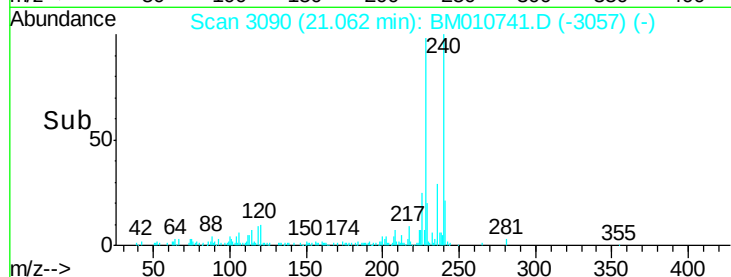
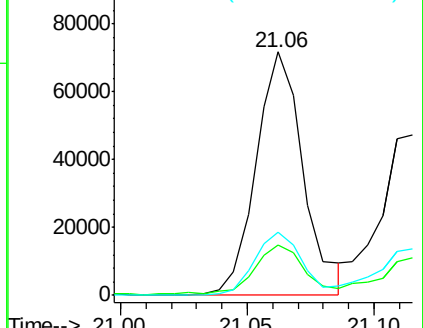
226 26.1 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 2.15 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010741.D

Acq: 24 Jun 2017 21:52

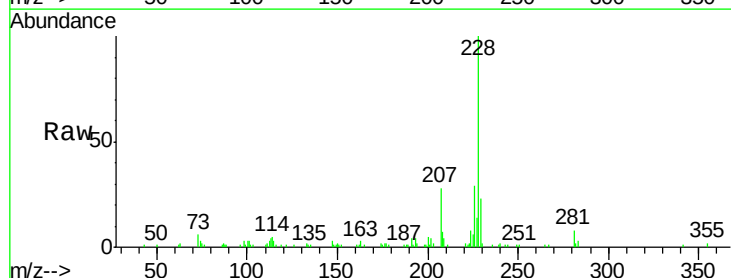
Tgt Ion:228 Resp: 65399

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

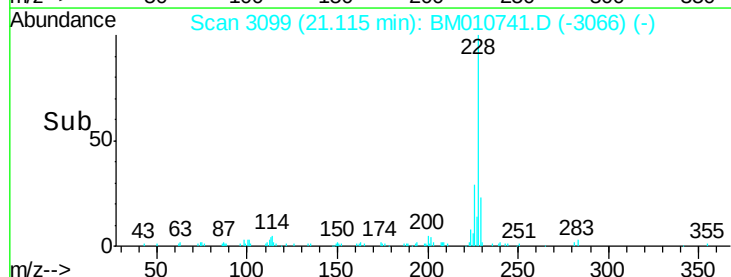
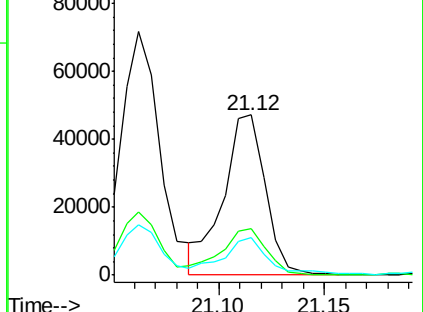
229 23.2 15.5 23.3

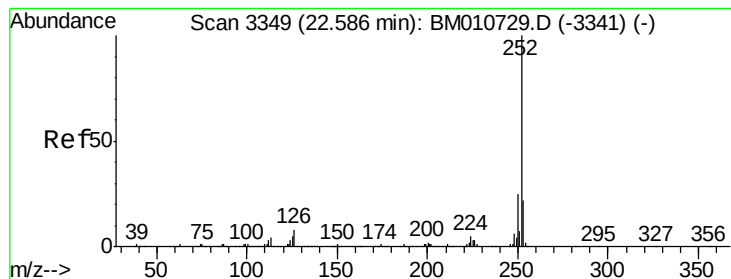


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85
 Benzo(b)fluoranthene
 Concen: 1.40 ng/ul
 RT: 22.58 min Scan# 3348
 Delta R.T. -0.01 min
 Lab File: BM010741.D
 Acq: 24 Jun 2017 21:52

Instrument :
 BNA_M
 ClientSampleId :
 F5B22MEDL

Tgt Ion: 252 Resp: 42569
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.9 26.9
 125 7.1 3.6 5.4#

