

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010700.D
 Acq On : 23 Jun 2017 21:14
 Operator : SJ/JU
 Sample : I3599-09MEDL 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D77MEDL

Quant Time: Jun 24 04:40:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 24 04:37:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	77868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	365142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	260000	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	647189	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	662746	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	476631	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	3184	0.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1942	0.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2496	0.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	2773	0.45	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	1370	0.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1537	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2944	0.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4473	0.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	10514	0.46	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	10701	0.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1235	0.31	ng/ul	0.00
57) Fluorene-d10	15.12	176	11131	0.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	923	0.23	ng/ul	0.00
70) Anthracene-d10	16.87	188	647189	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	17898	0.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	11803	0.51	ng/ul	0.00

Target Compounds

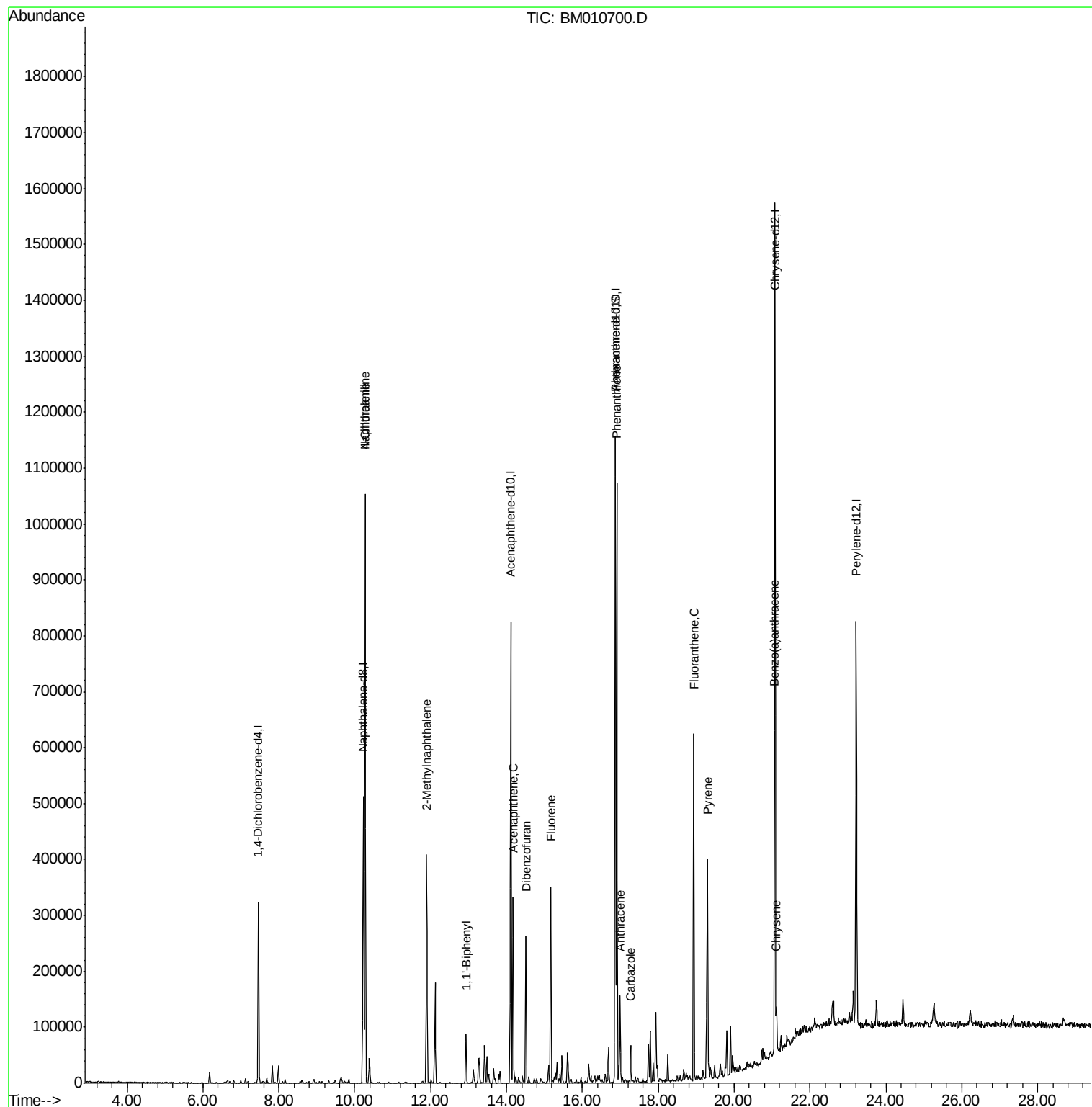
					Qvalue	
28) Naphthalene	10.27	128	744995	40.999	ng/ul	99
30) 4-Chloroaniline	10.27	127	99845	14.912	ng/ul#	23
34) 2-Methylnaphthalene	11.89	142	167924	11.496	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	43915	2.160	ng/ul	93
49) Acenaphthene	14.17	153	121179	7.104	ng/ul	98
53) Dibenzofuran	14.52	168	141468	5.476	ng/ul	92
58) Fluorene	15.17	166	138320	6.396	ng/ul	97
69) Phenanthrene	16.91	178	591185	17.182	ng/ul	99
71) Anthracene	17.00	178	87489	2.468	ng/ul	96
72) Carbazole	17.27	167	37681	1.218	ng/ul	97
74) Fluoranthene	18.94	202	364714	8.225	ng/ul	99
77) Pyrene	19.30	202	238880	6.240	ng/ul	99
80) Benzo(a)anthracene	21.06	228	73860	1.914	ng/ul	97
82) Chrysene	21.12	228	50692	1.473	ng/ul	98

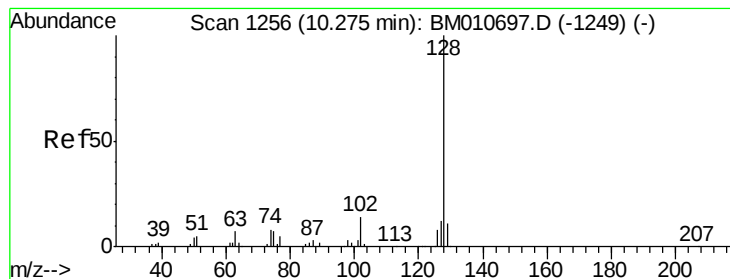
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 40.999 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

ClientSampleId :

F5D77MEDL

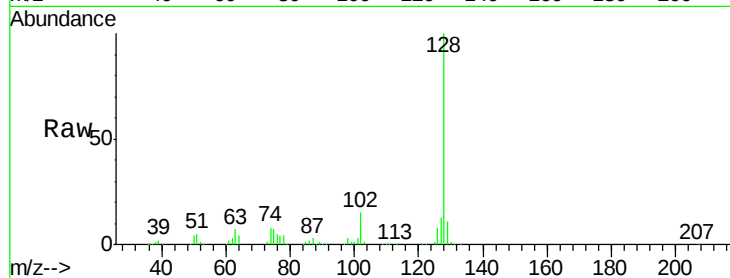
Tgt Ion:128 Resp: 744995

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

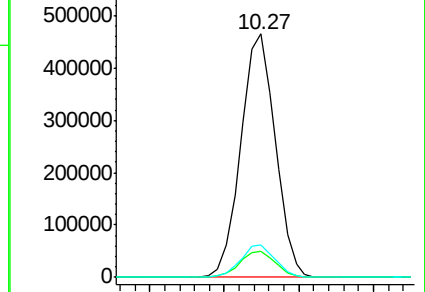
127 13.1 10.6 16.0



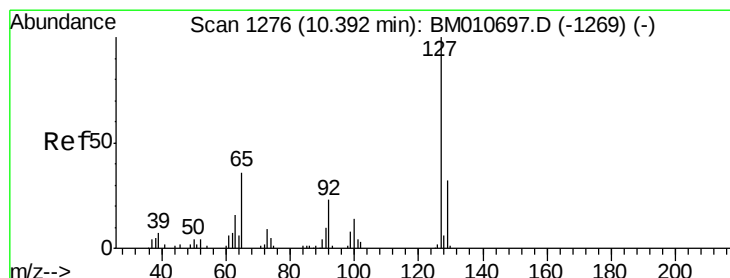
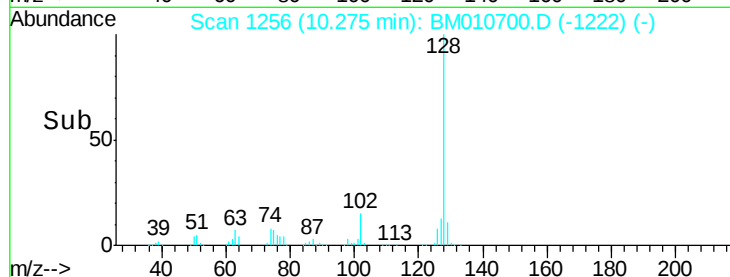
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#30

4-Chloroaniline

Concen: 14.912 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. -0.12 min

Lab File: BM010700.D

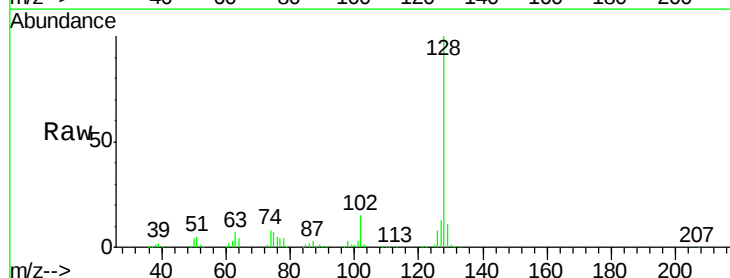
Acq: 23 Jun 2017 21:14

Tgt Ion:127 Resp: 99845

Ion Ratio Lower Upper

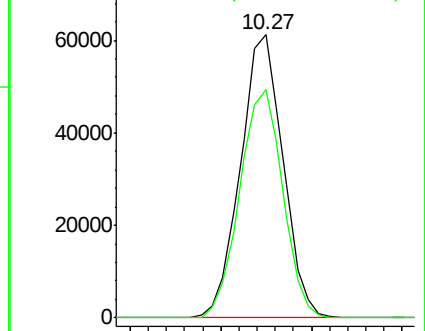
127 100

129 80.6 28.4 42.6#

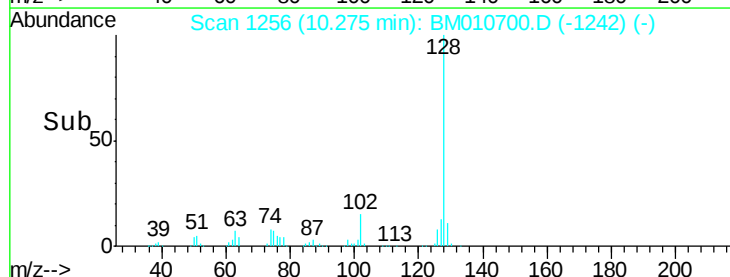


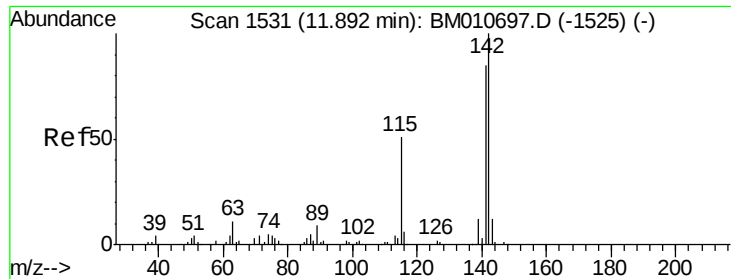
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



Time-->

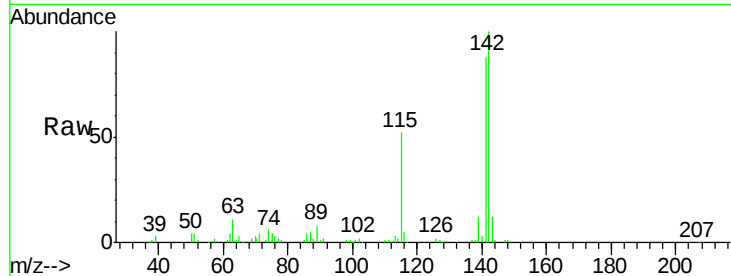




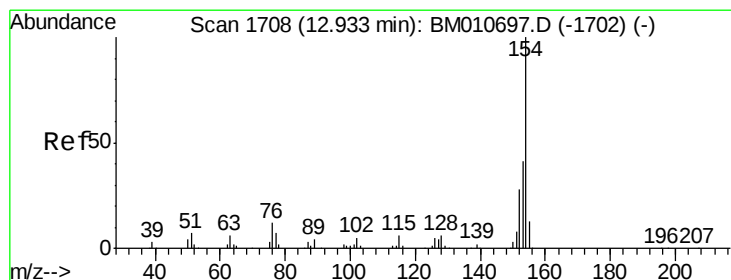
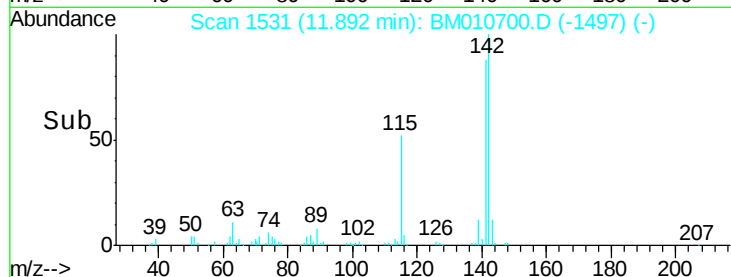
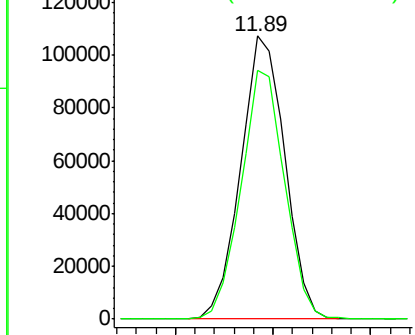
#34
 2-Methylnaphthalene
 Concen: 11.496 ng/ul
 RT: 11.89 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BM010700.D
 Acq: 23 Jun 2017 21:14

Instrument :
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 ClientSampleId :
 F5D77MEDL

Tgt Ion:142 Resp: 167924
 Ion Ratio Lower Upper
 142 100
 141 87.8 74.1 111.1

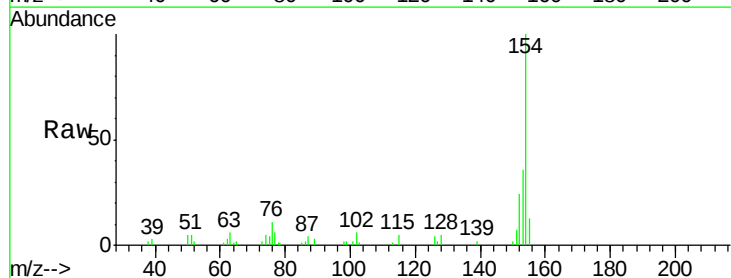


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

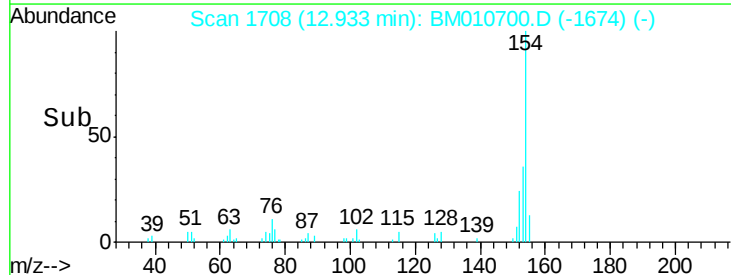
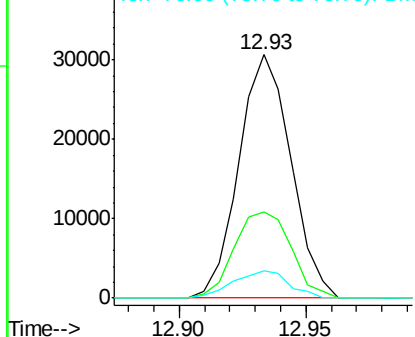


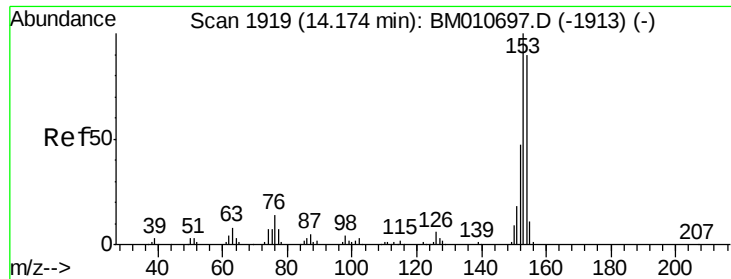
#40
 1,1'-Biphenyl
 Concen: 2.160 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM010700.D
 Acq: 23 Jun 2017 21:14

Tgt Ion:154 Resp: 43915
 Ion Ratio Lower Upper
 154 100
 153 35.5 32.6 48.8
 76 11.0 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#49

Acenaphthene

Concen: 7.104 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

ClientSampleId :

F5D77MEDL

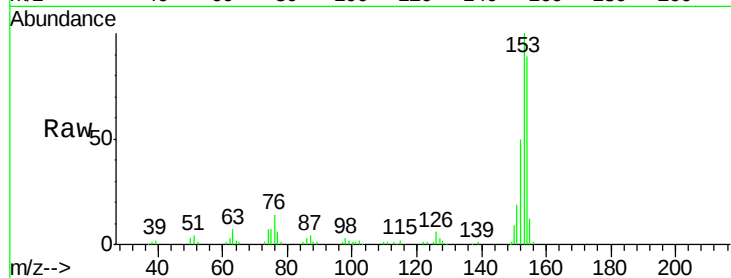
Tgt Ion:153 Resp: 121179

Ion Ratio Lower Upper

153 100

152 49.8 37.6 56.4

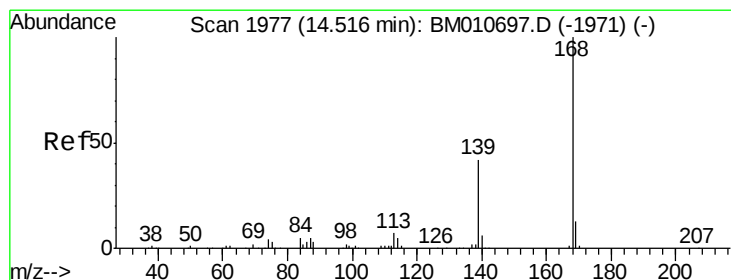
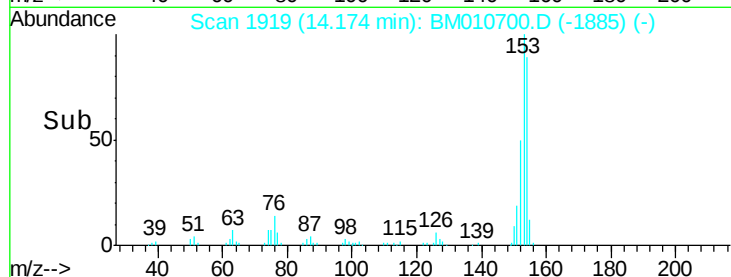
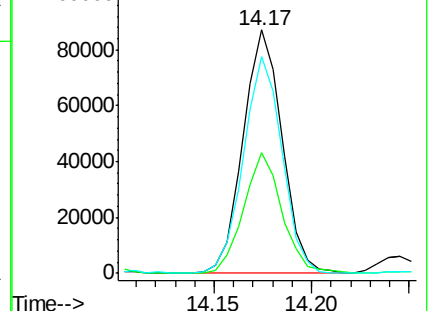
154 89.0 70.4 105.6



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: 5.476 ng/ul

RT: 14.52 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BM010700.D

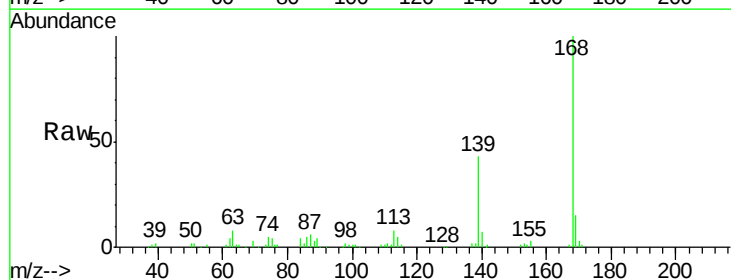
Acq: 23 Jun 2017 21:14

Tgt Ion:168 Resp: 141468

Ion Ratio Lower Upper

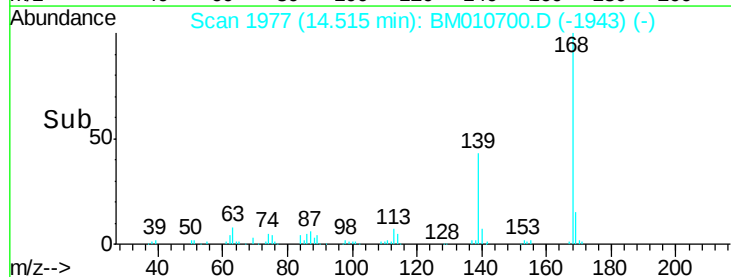
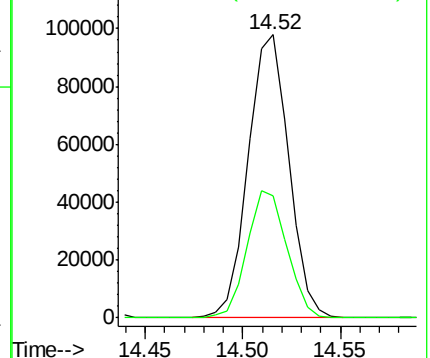
168 100

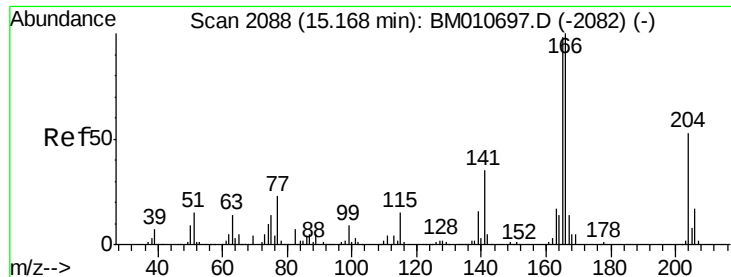
139 43.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 6.396 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

ClientSampleId :

F5D77MEDL

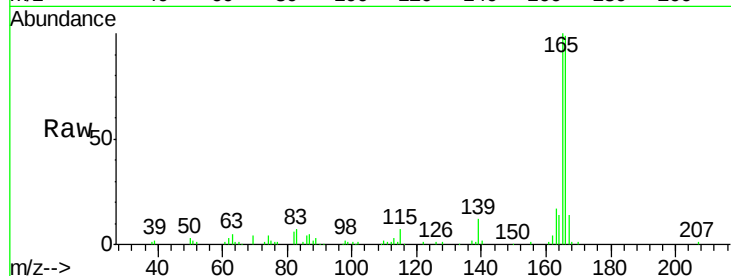
Tgt Ion:166 Resp: 138320

Ion Ratio Lower Upper

166 100

165 100.9 77.9 116.9

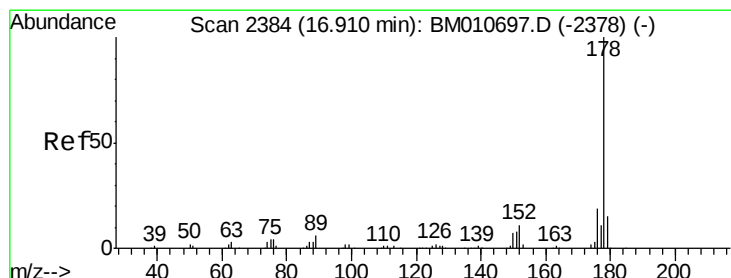
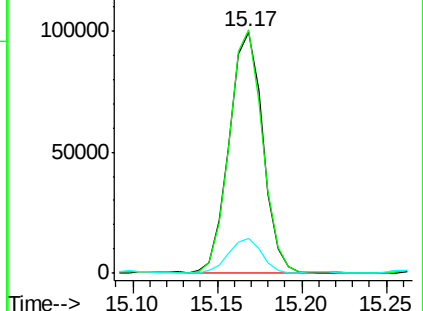
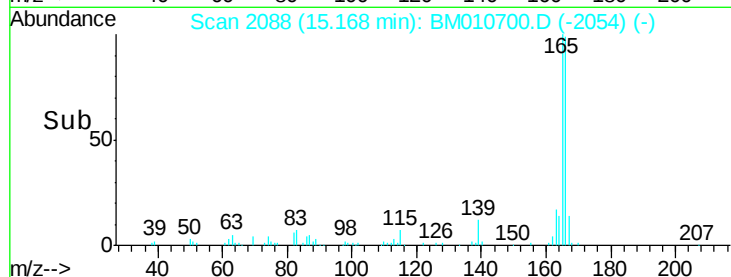
167 14.3 10.6 16.0



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



#69

Phenanthrene

Concen: 17.182 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

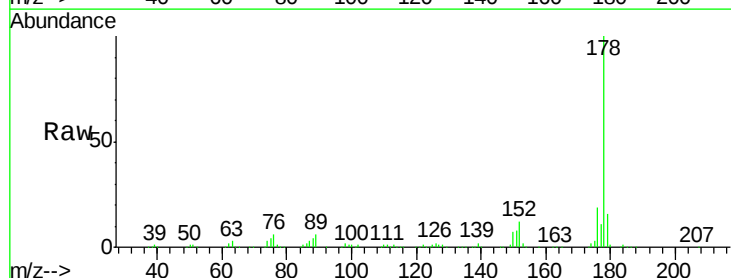
Tgt Ion:178 Resp: 591185

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

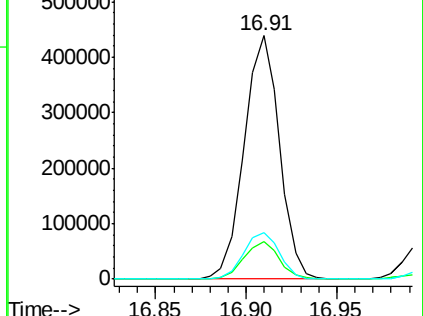
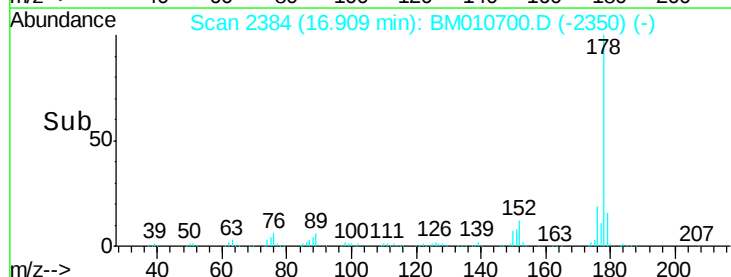
176 18.9 14.9 22.3

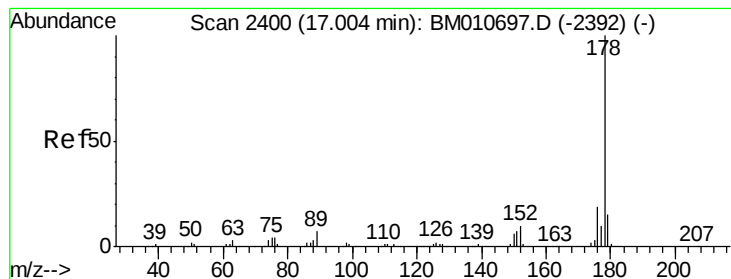


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.468 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

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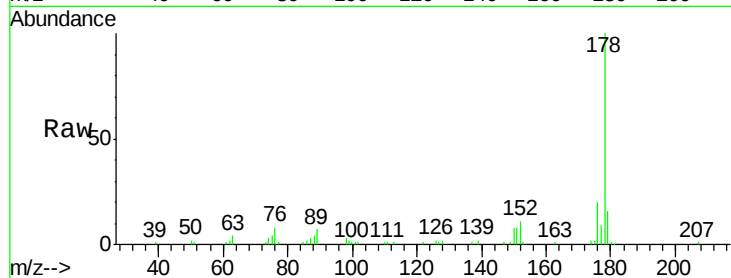
Tgt Ion:178 Resp: 87489

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

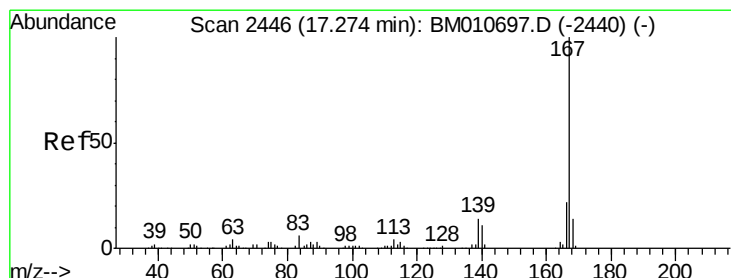
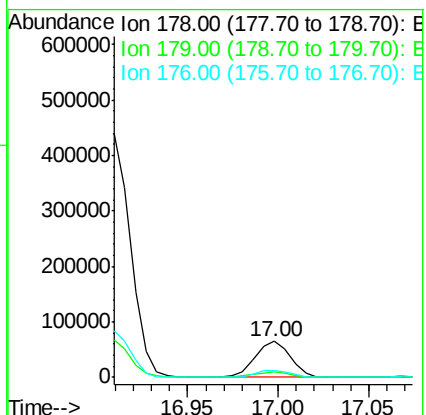
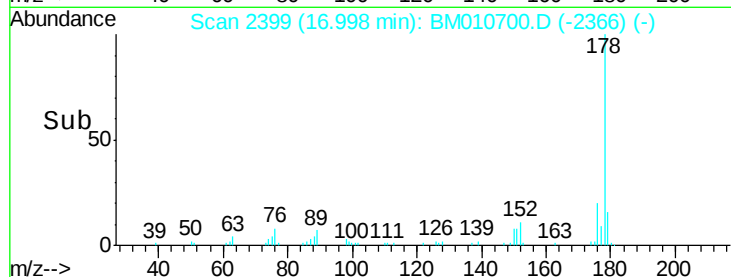
176 19.9 14.6 21.8



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: 1.218 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

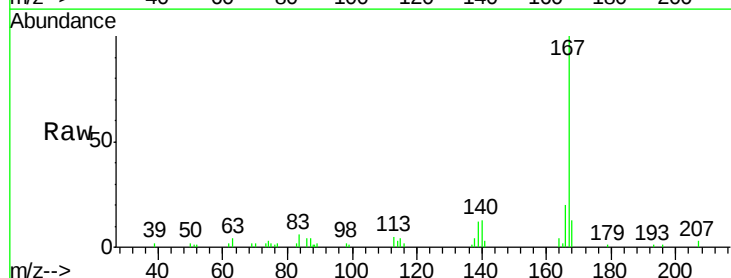
Tgt Ion:167 Resp: 37681

Ion Ratio Lower Upper

167 100

166 19.8 17.1 25.7

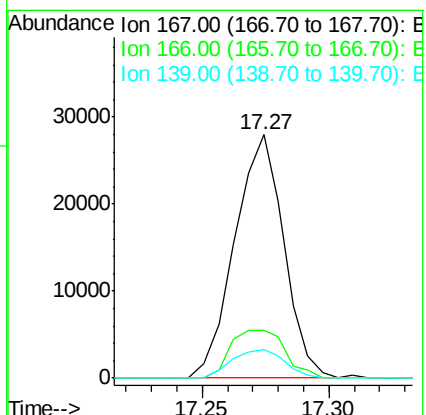
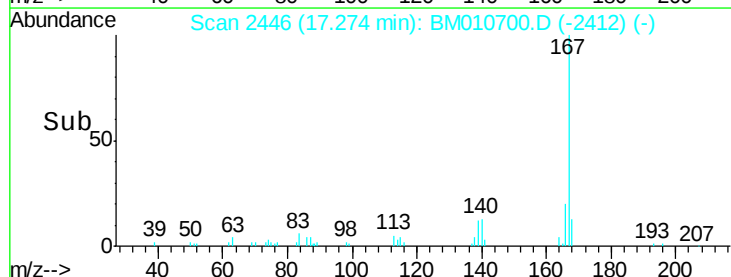
139 11.9 10.0 15.0

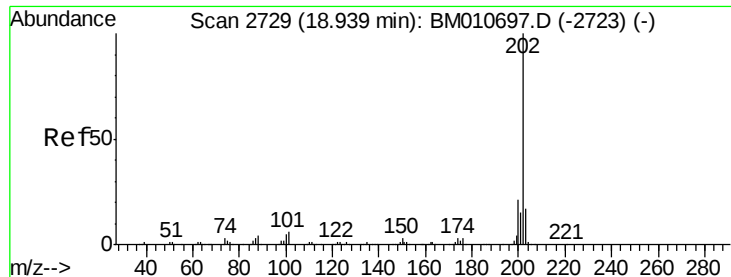


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 8.225 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010700.D

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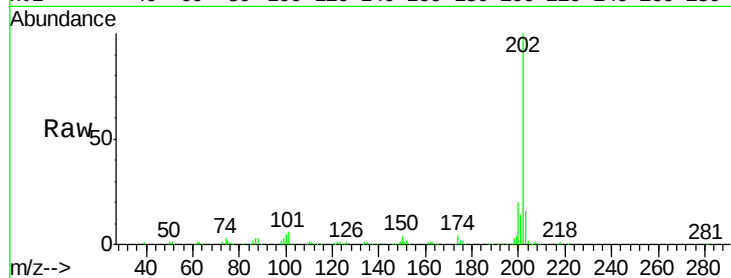
Tgt Ion:202 Resp: 364714

Ion Ratio Lower Upper

202 100

101 6.0 4.6 7.0

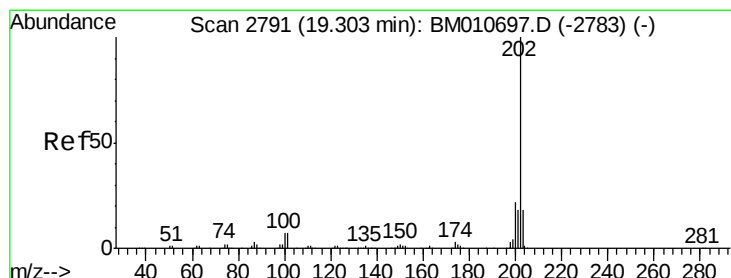
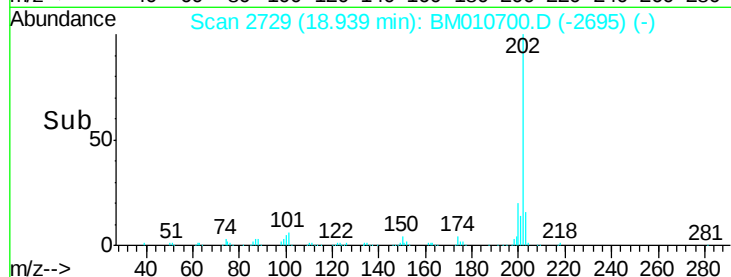
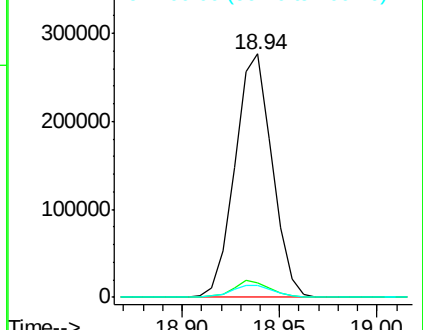
100 4.6 3.4 5.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 6.240 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

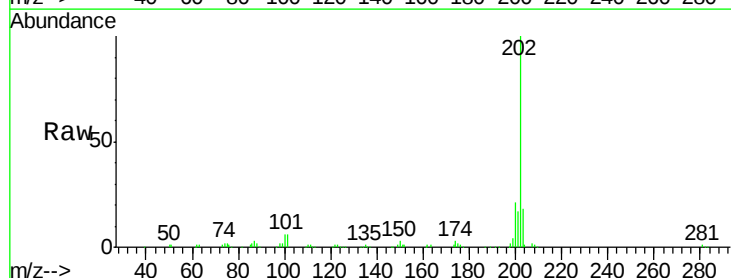
Tgt Ion:202 Resp: 238880

Ion Ratio Lower Upper

202 100

101 5.8 5.1 7.7

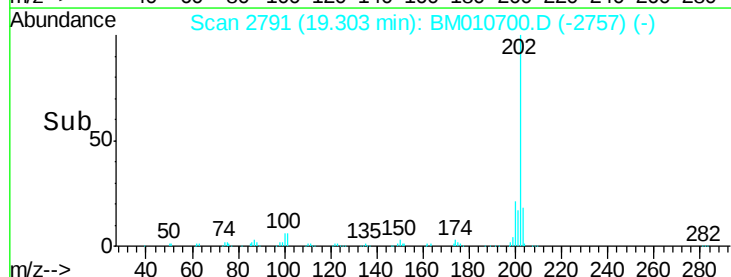
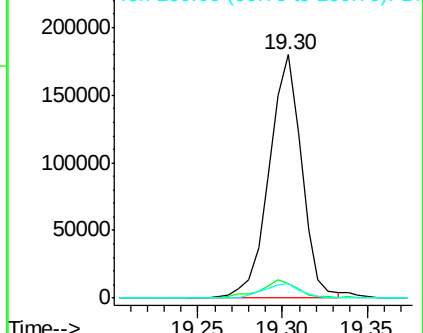
100 6.2 4.9 7.3

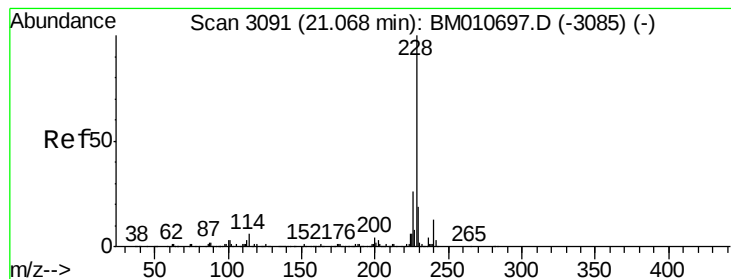


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.914 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010700.D

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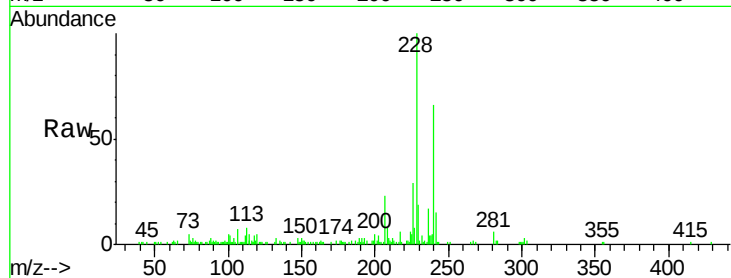
Tgt Ion:228 Resp: 73860

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

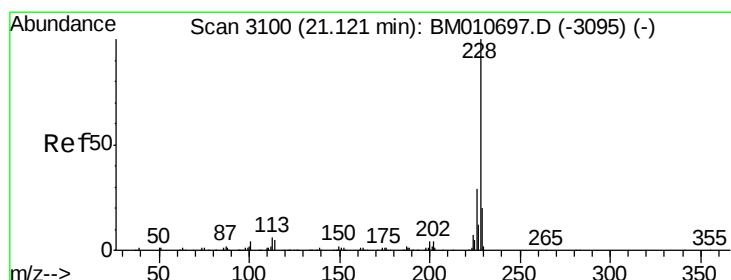
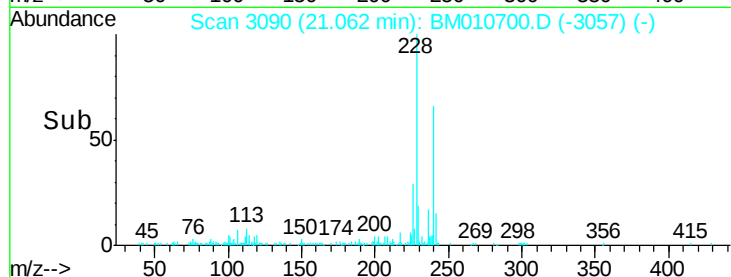
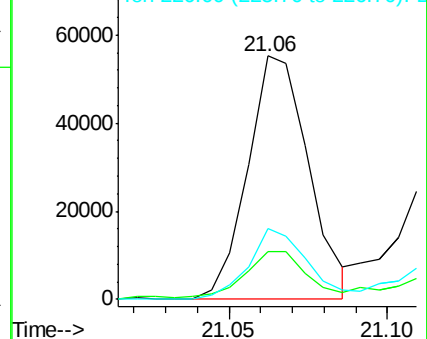
226 29.3 21.4 32.0



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: 1.473 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

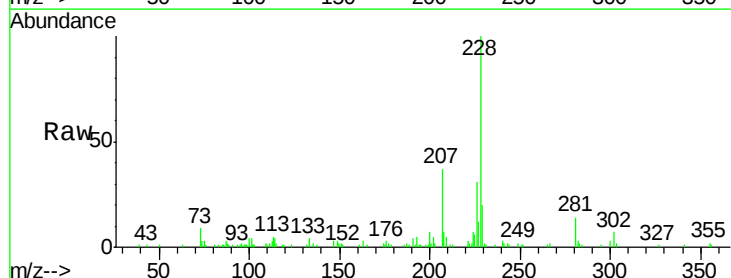
Tgt Ion:228 Resp: 50692

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

229 19.6 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

