

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010708.D
 Acq On : 24 Jun 2017 02:02
 Operator : SJ/JU
 Sample : I3625-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A00

Quant Time: Jun 24 04:42:45 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	83953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	403144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	277494	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	660603	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	675282	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	481624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4784	3.27	ng/uL	0.01
5) Phenol-d5	6.65	99	155133	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	87897	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	120713	21.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	136127	20.53	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	62636	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	78087	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	153050	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	183152	24.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	557702	22.89	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	638141	22.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	73670	17.18	ng/ul	0.00
57) Fluorene-d10	15.11	176	472856	22.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	79598	19.62	ng/ul	0.00
70) Anthracene-d10	16.87	188	660603	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	856161	27.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	554518	23.82	ng/ul	0.00

Target Compounds

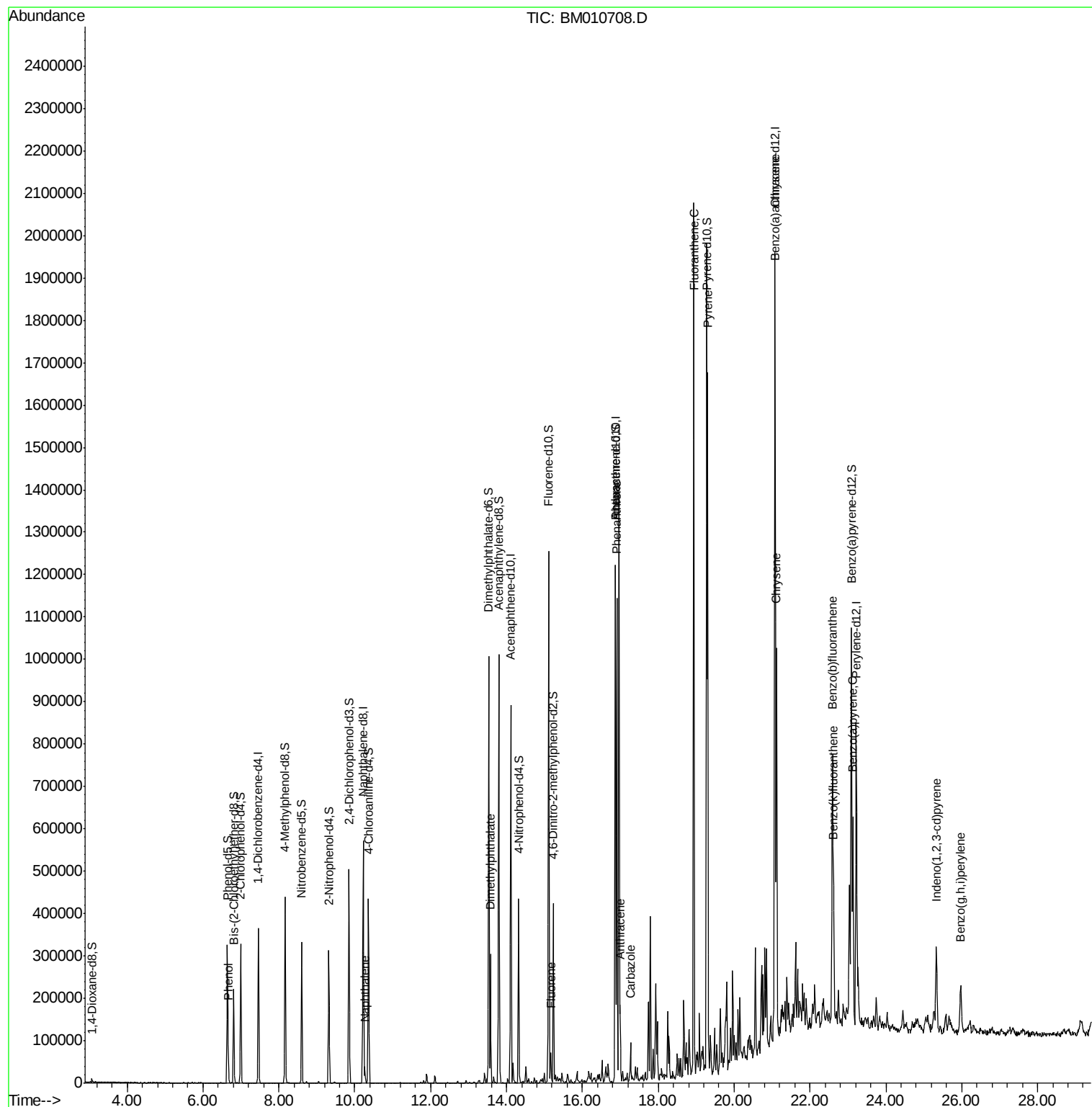
					Qvalue	
6) Phenol	6.67	94	15787	1.917	ng/ul	93
28) Naphthalene	10.27	128	27656	1.379	ng/ul#	96
44) Dimethylphthalate	13.58	163	163234	6.836	ng/ul	99
58) Fluorene	15.17	166	25367	1.099	ng/ul#	96
69) Phenanthrene	16.91	178	617769	17.590	ng/ul	99
71) Anthracene	17.00	178	101797	2.813	ng/ul	98
72) Carbazole	17.27	167	48533	1.537	ng/ul	94
74) Fluoranthene	18.94	202	1115732	24.651	ng/ul	97
77) Pyrene	19.30	202	977917	25.072	ng/ul	98
80) Benzo(a)anthracene	21.07	228	529375	13.462	ng/ul	99
82) Chrysene	21.12	228	510722	14.567	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	500330	16.004	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	165422	5.581	ng/ul	97
88) Benzo(a)pyrene	23.13	252	300432	10.438	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	165174	5.533	ng/ul	97
91) Benzo(g,h,i)perylene	25.97	276	138076	5.811	ng/ul	98

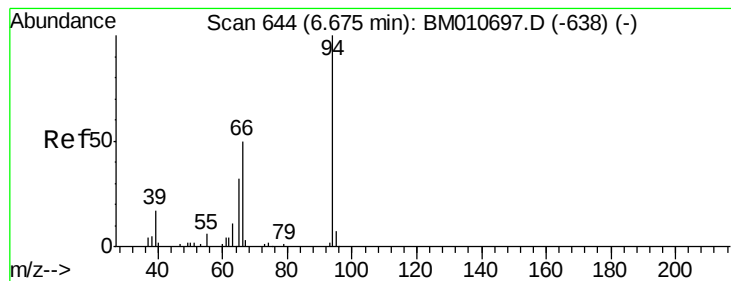
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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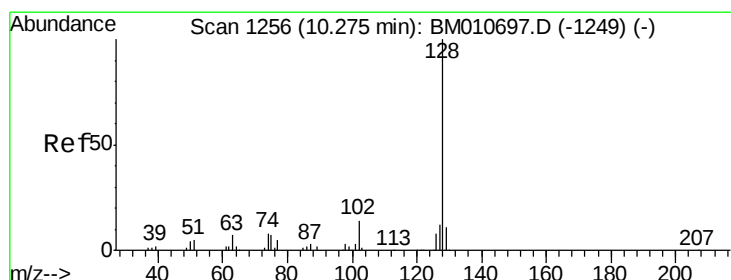
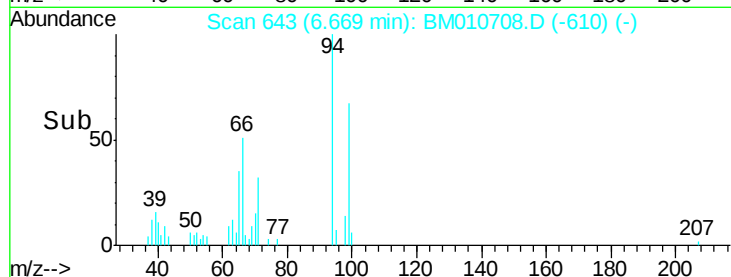
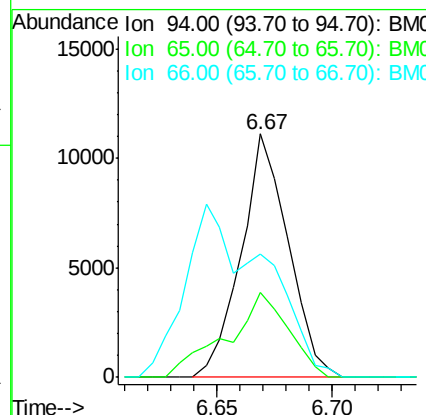
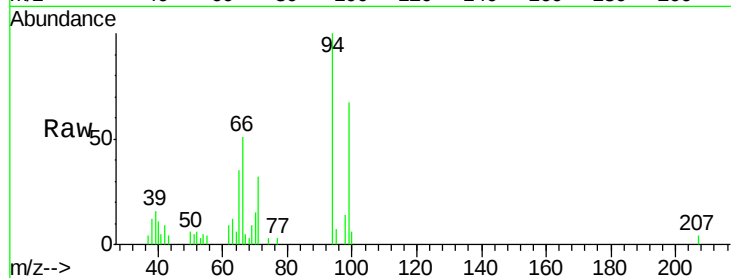
#6

Phenol

Concen: 1.917 ng/ul
 RT: 6.67 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Instrument :
 BNA_M
 ClientSampled :
 F5A00

Tgt Ion: 94 Resp: 15787
 Ion Ratio Lower Upper
 94 100
 65 34.8 28.2 42.4
 66 50.7 47.2 70.8

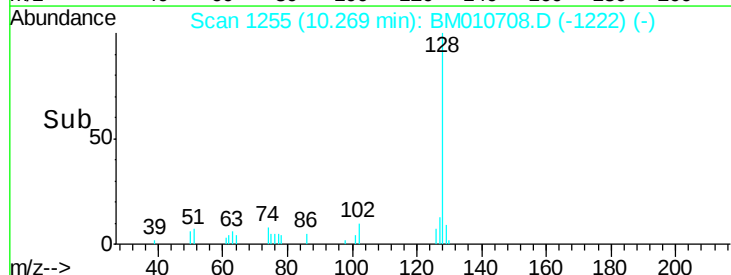
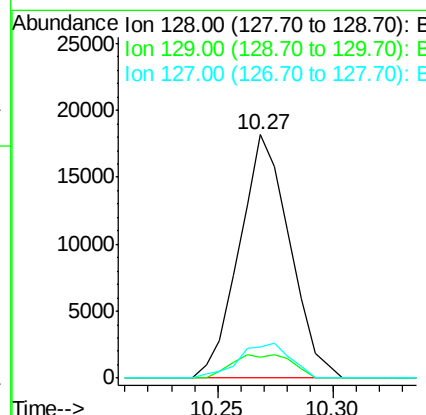
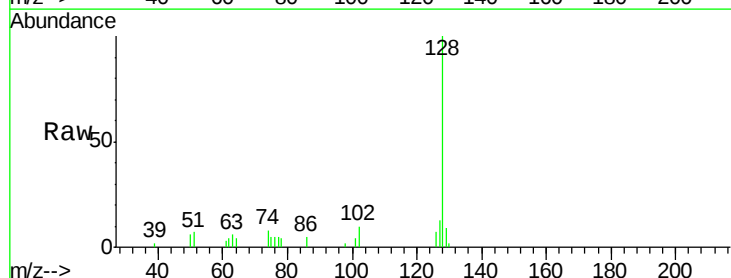


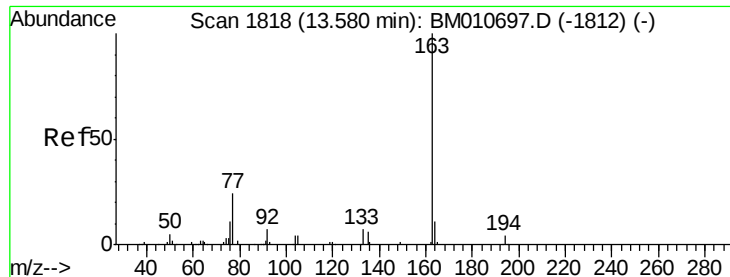
#28

Naphthalene

Concen: 1.379 ng/ul
 RT: 10.27 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BM010708.D
 Acq: 24 Jun 2017 02:02

Tgt Ion: 128 Resp: 27656
 Ion Ratio Lower Upper
 128 100
 129 8.6 8.8 13.2#
 127 12.8 10.6 16.0





#44

Dimethylphthalate

Concen: 6.836 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

ClientSampleId :

F5A00

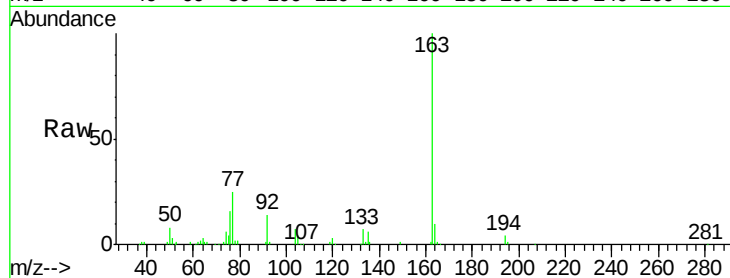
Tgt Ion:163 Resp: 163234

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

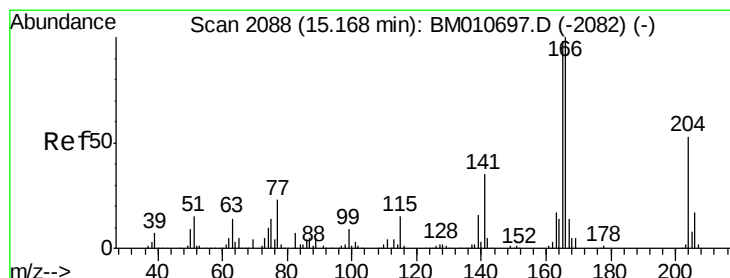
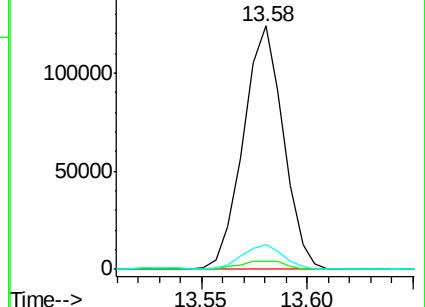
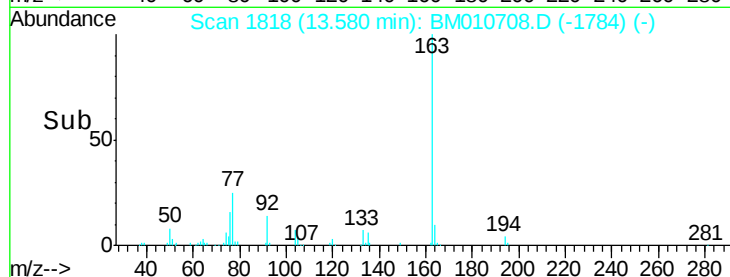
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#58

Fluorene

Concen: 1.099 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

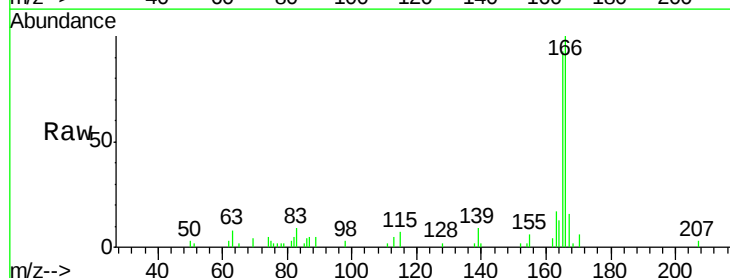
Tgt Ion:166 Resp: 25367

Ion Ratio Lower Upper

166 100

165 93.4 77.9 116.9

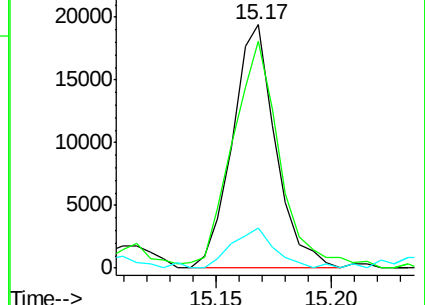
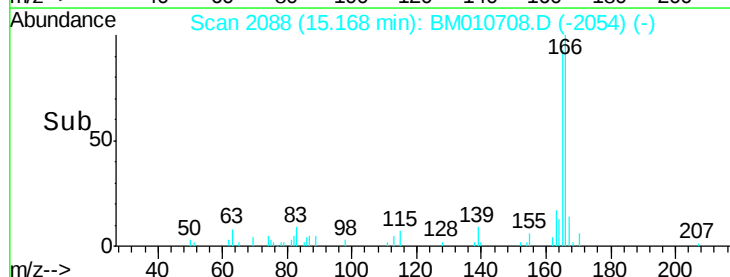
167 16.3 10.6 16.0#

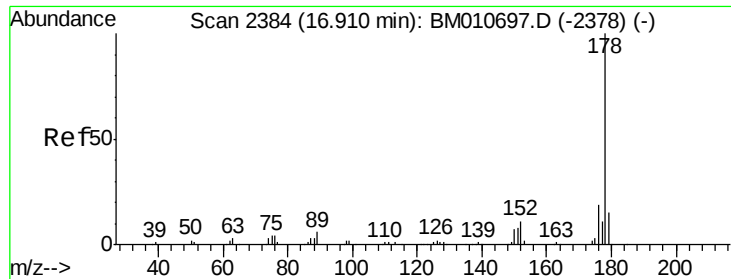


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 17.590 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

ClientSampleId :

F5A00

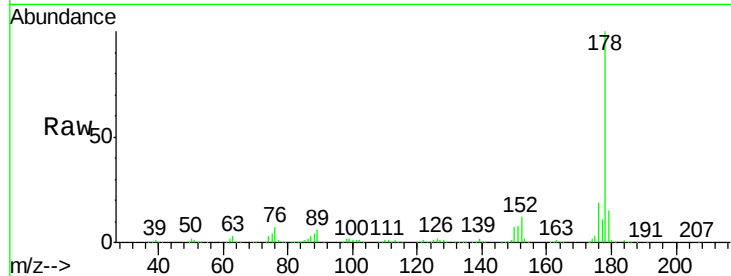
Tgt Ion:178 Resp: 617769

Ion Ratio Lower Upper

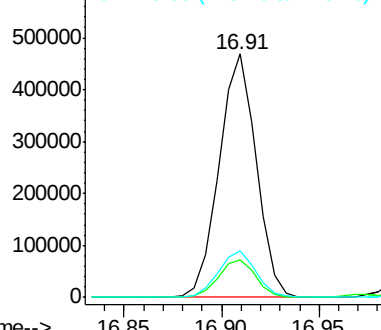
178 100

179 15.2 12.6 19.0

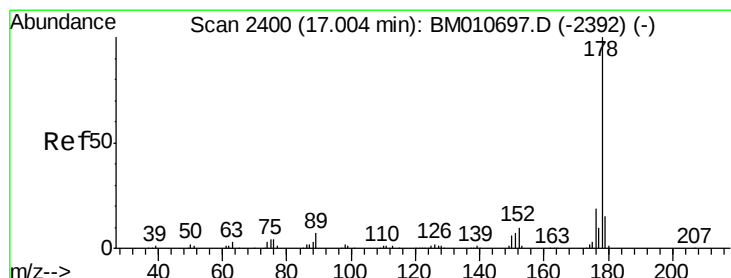
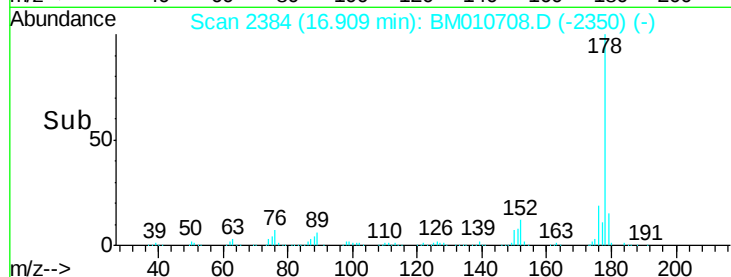
176 19.2 14.9 22.3



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



Time-->



#71

Anthracene

Concen: 2.813 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

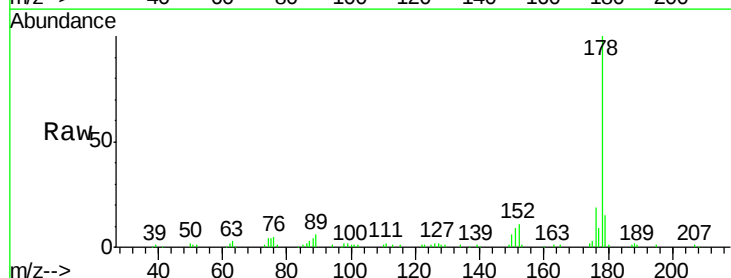
Tgt Ion:178 Resp: 101797

Ion Ratio Lower Upper

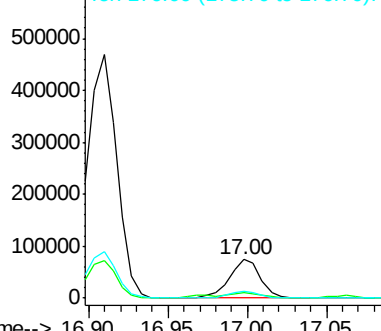
178 100

179 15.4 11.7 17.5

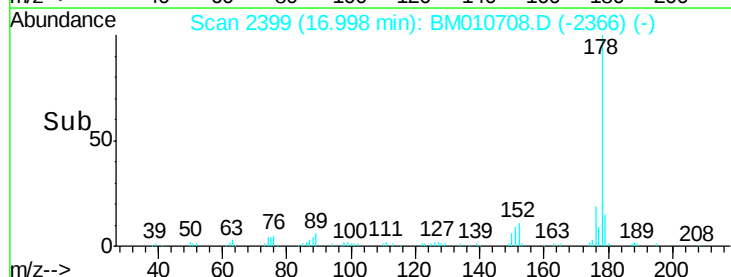
176 19.2 14.6 21.8

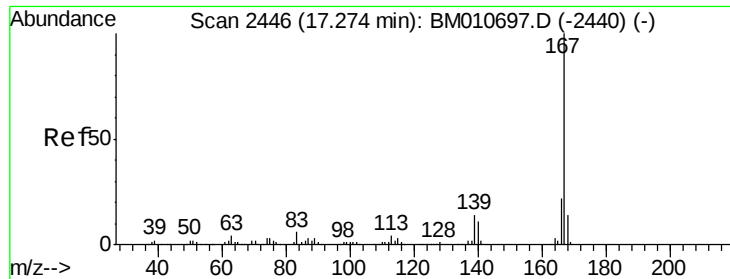


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Carbazole

Concen: 1.537 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

ClientSampleId :

F5A00

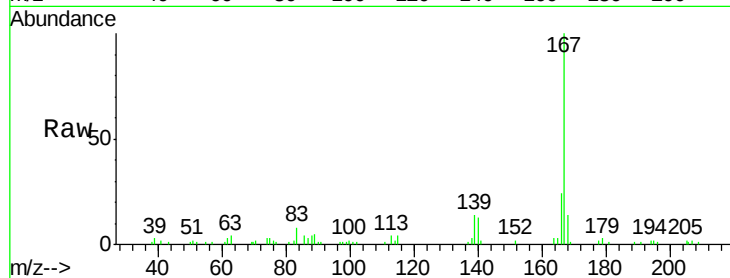
Tgt Ion:167 Resp: 48533

Ion Ratio Lower Upper

167 100

166 24.2 17.1 25.7

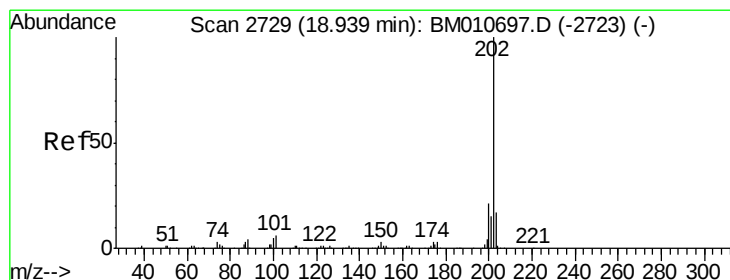
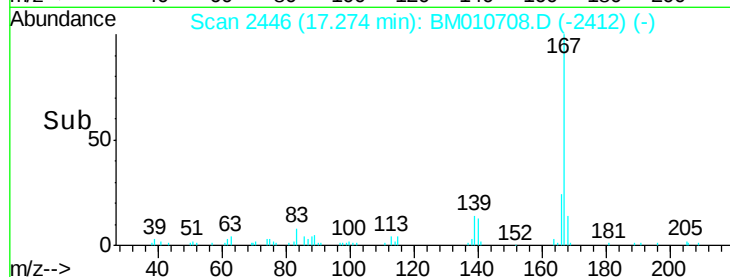
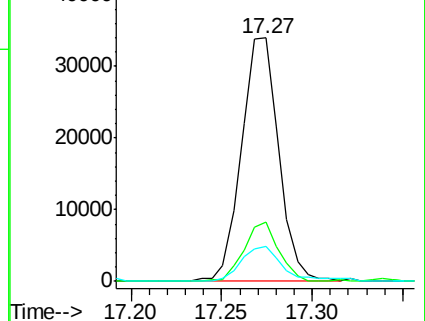
139 14.3 10.0 15.0



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: 24.651 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

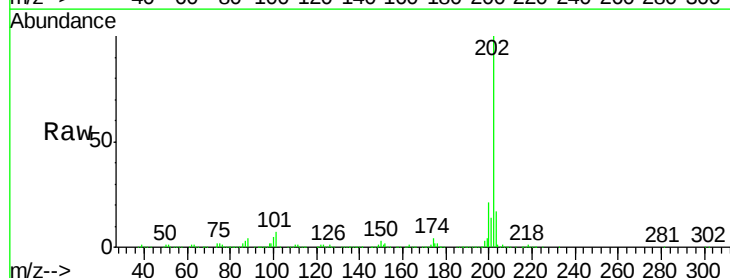
Tgt Ion:202 Resp: 1115732

Ion Ratio Lower Upper

202 100

101 6.9 4.6 7.0

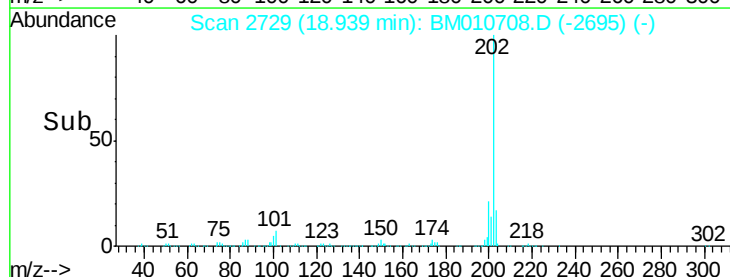
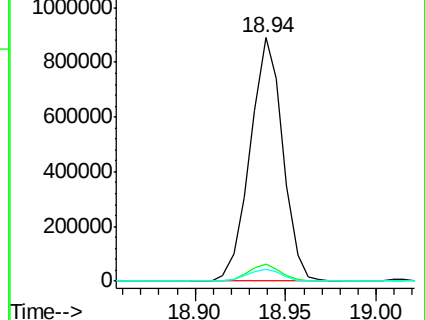
100 4.8 3.4 5.2

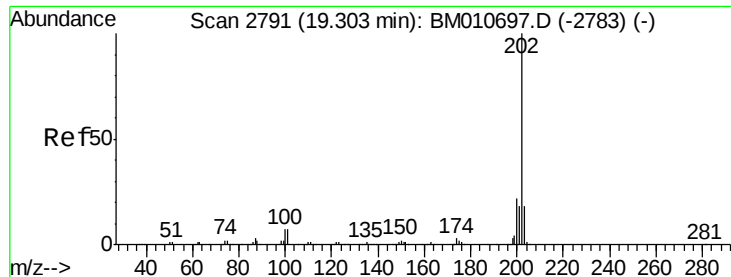


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 25.072 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

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BNA_M

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F5A00

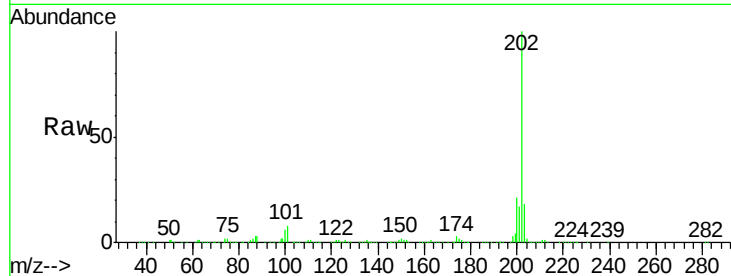
Tgt Ion:202 Resp: 977917

Ion Ratio Lower Upper

202 100

101 7.6 5.1 7.7

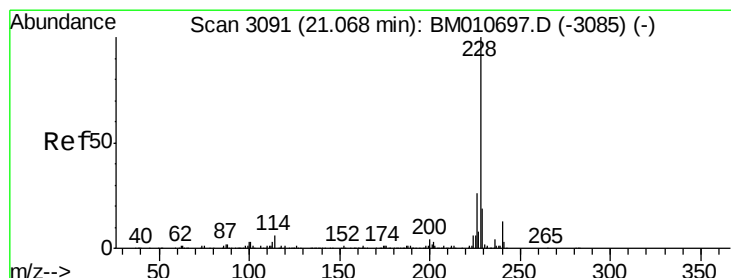
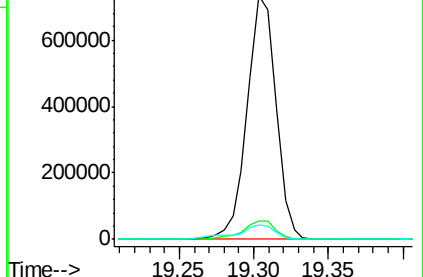
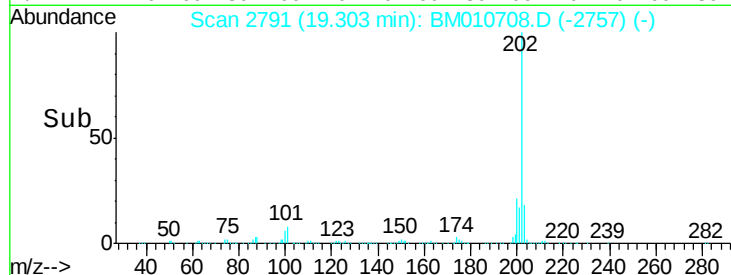
100 6.2 4.9 7.3



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: 13.462 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

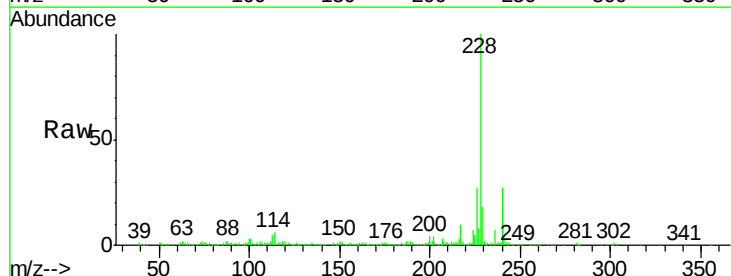
Tgt Ion:228 Resp: 529375

Ion Ratio Lower Upper

228 100

229 18.5 15.4 23.0

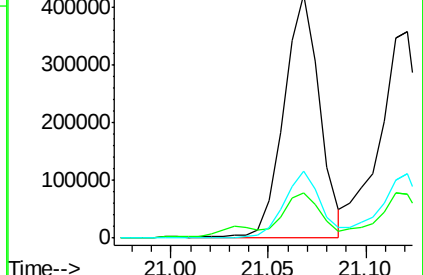
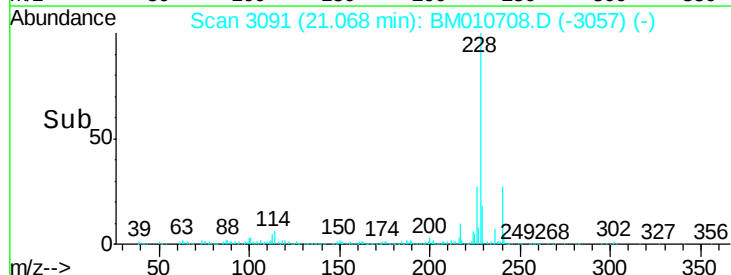
226 27.4 21.4 32.0

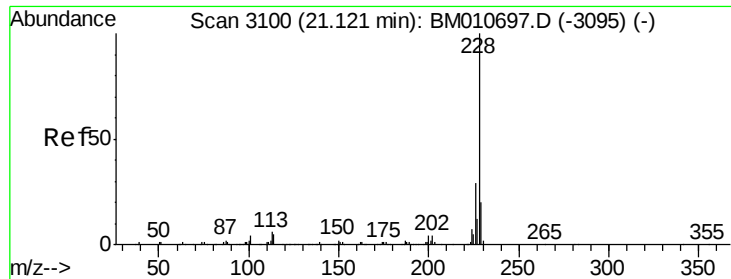


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 14.567 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

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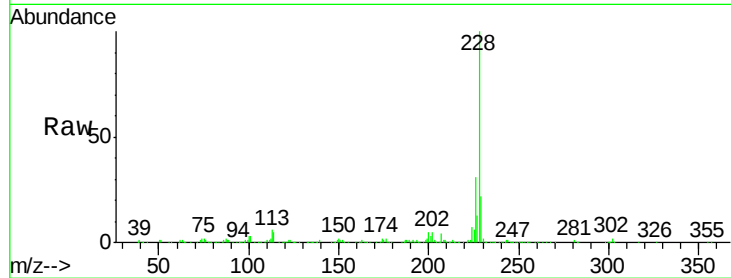
Tgt Ion:228 Resp: 510722

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

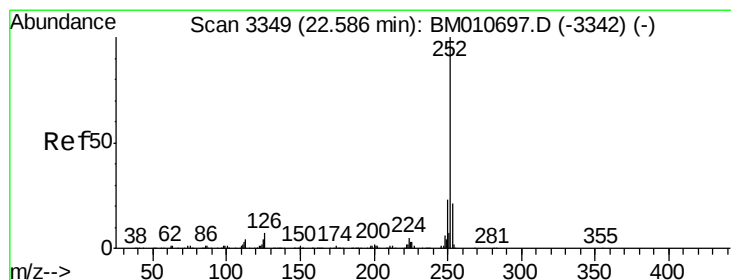
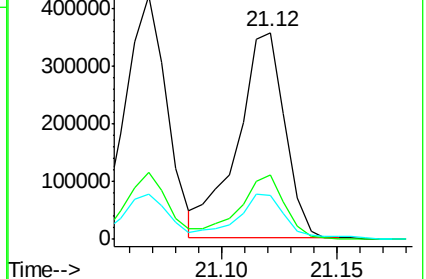
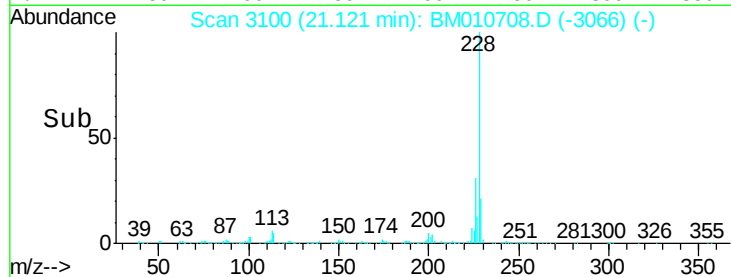
229 21.6 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 16.004 ng/ul

RT: 22.59 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

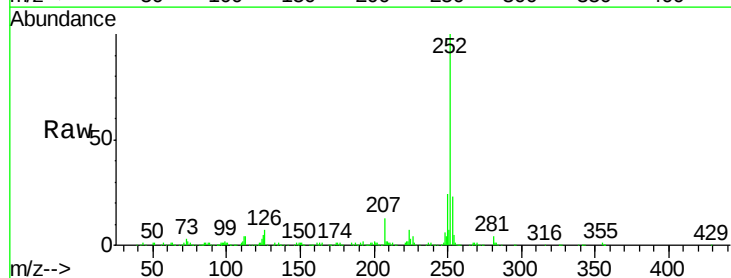
Tgt Ion:252 Resp: 500330

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

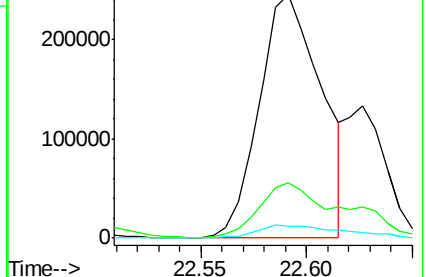
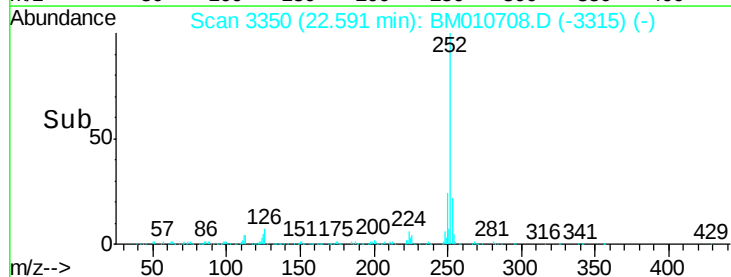
125 5.1 3.6 5.4

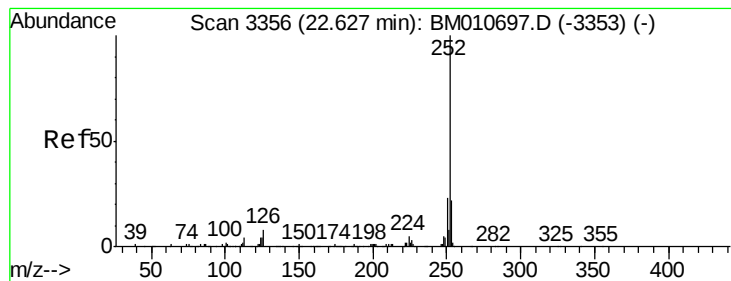


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 5.581 ng/ul

RT: 22.63 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

Instrument :

BNA_M

ClientSampleId :

F5A00

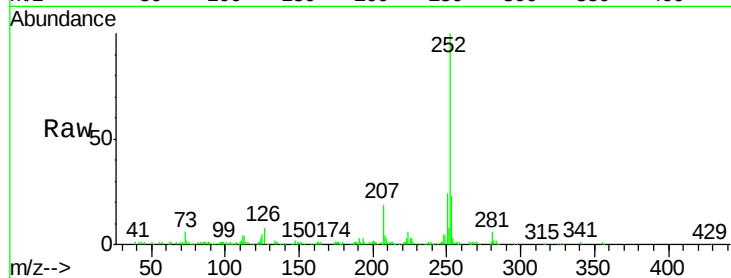
Tgt Ion:252 Resp: 165422

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

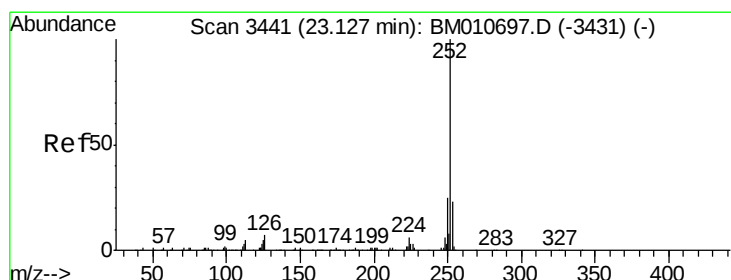
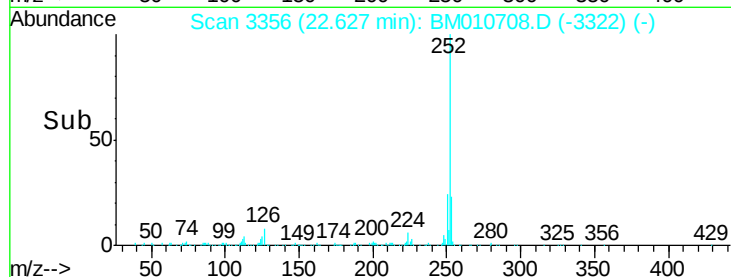
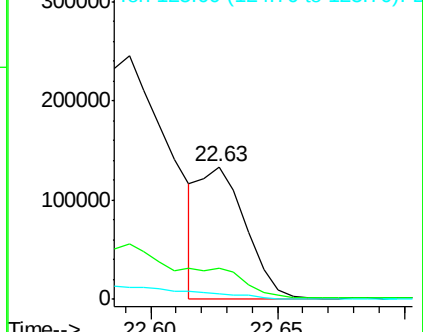
125 4.6 3.4 5.2



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



#88

Benzo(a)pyrene

Concen: 10.438 ng/ul

RT: 23.13 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM010708.D

Acq: 24 Jun 2017 02:02

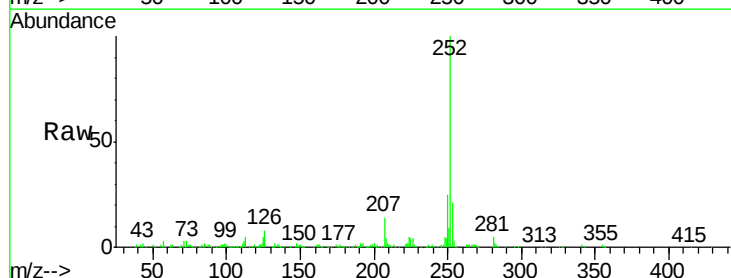
Tgt Ion:252 Resp: 300432

Ion Ratio Lower Upper

252 100

253 20.7 18.2 27.2

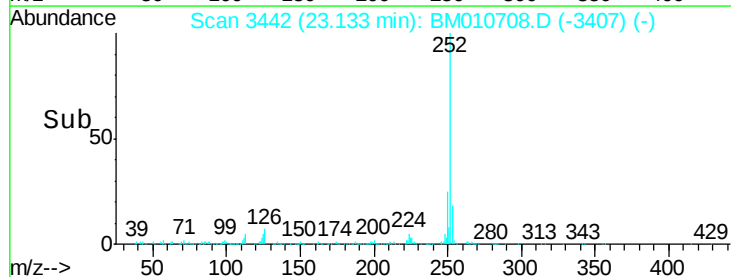
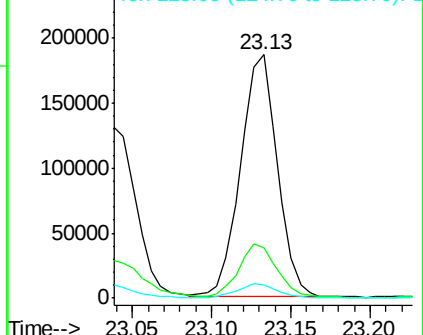
125 5.3 4.0 6.0

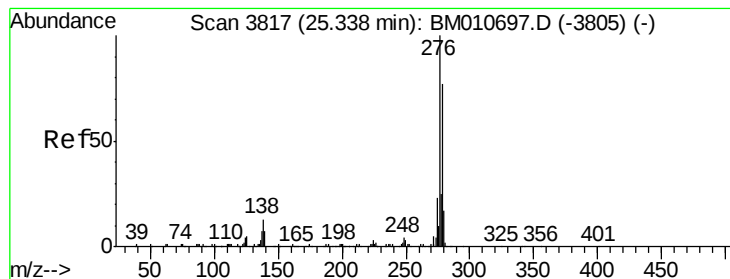


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



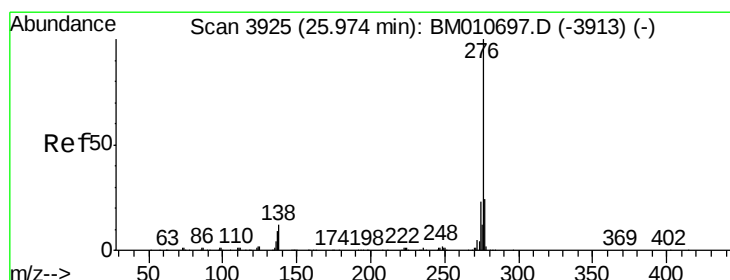
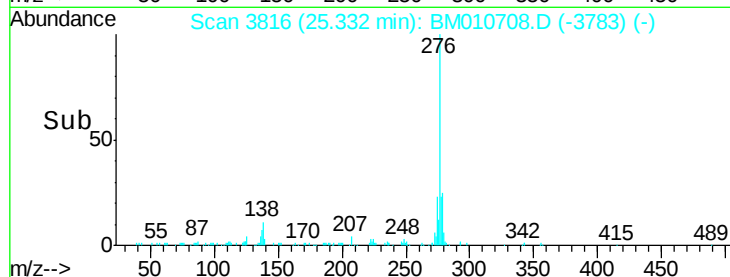
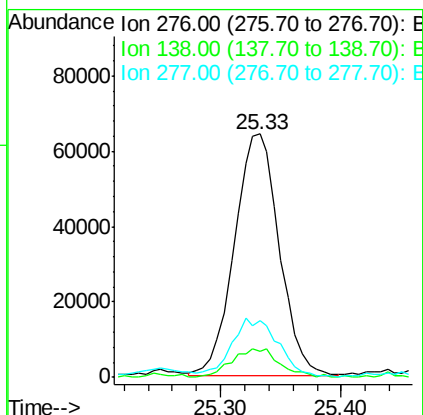
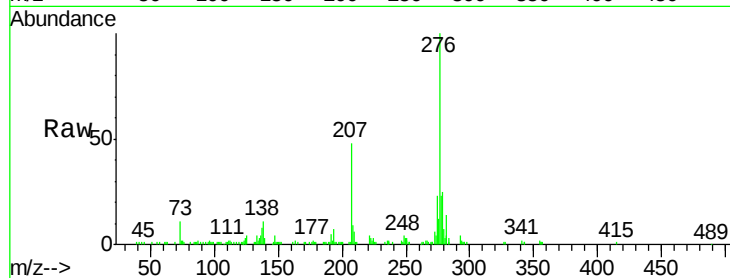


#89

Indeno(1,2,3-cd)pyrene
Concen: 5.533 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Instrument :
BNA_M
ClientSampleId :
F5A00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	9.3	13.9
277	23.1	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 5.811 ng/ul
RT: 25.97 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM010708.D
Acq: 24 Jun 2017 02:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.3	8.5	12.7
277	24.2	18.6	28.0

