

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010734.D
 Acq On : 24 Jun 2017 17:39
 Operator : SJ/JU
 Sample : I3627-10DL 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A93DL

Quant Time: Jun 26 04:56:05 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	61422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	279945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191057	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	478875	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	567049	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	444158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1823	1.70	ng/uL	0.00
5) Phenol-d5	6.65	99	52969	9.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	32026	9.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	41183	10.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	40423	8.33	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	21668	10.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	24699	10.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	50931	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	39503	7.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	194508	11.60	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	218942	11.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	19312	6.54	ng/ul	0.00
57) Fluorene-d10	15.11	176	166869	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	24847	8.45	ng/ul	0.00
70) Anthracene-d10	16.86	188	478875	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	329163	12.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	248590	11.58	ng/ul	0.00

Target Compounds

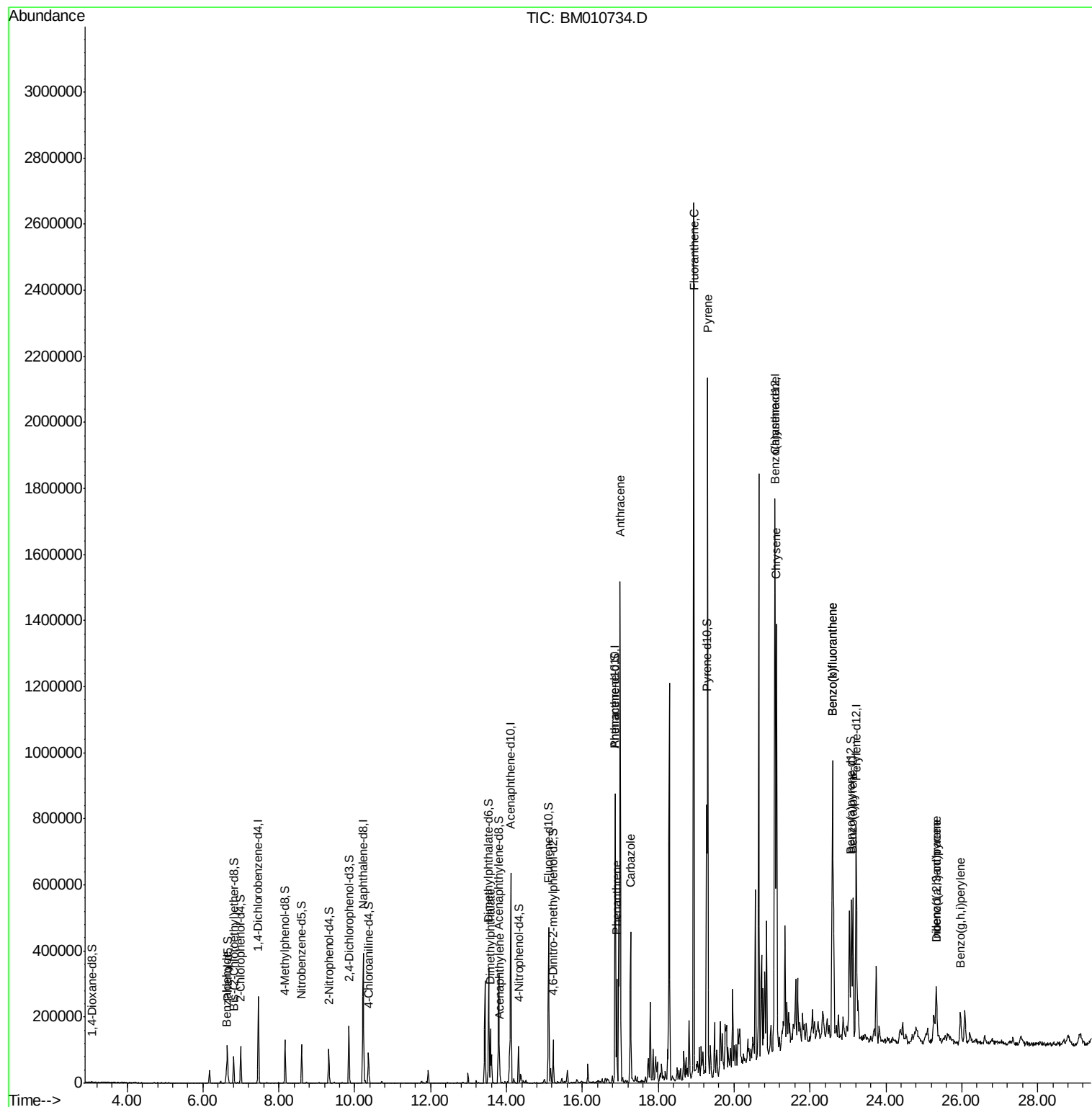
						Qvalue
4) Benzaldehyde	6.62	77	10665	3.10	ng/ul	89
44) Dimethylphthalate	13.57	163	91939	5.59	ng/ul	97
47) Acenaphthylene	13.82	152	18684	1.01	ng/ul	95
69) Phenanthrene	16.90	178	172096	6.76	ng/ul	98
71) Anthracene	17.00	178	838571	31.97	ng/ul	98
72) Carbazole	17.27	167	259686	11.35	ng/ul	98
74) Fluoranthene	18.94	202	1440942	43.92	ng/ul#	98
77) Pyrene	19.30	202	1204031	36.76	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	491666	14.89	ng/ul	97
82) Chrysene	21.12	228	700068	23.78	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	634683	22.01	ng/ul#	98
86) Benzo(k)fluoranthene	22.59	252	634683	23.22	ng/ul#	99
88) Benzo(a)pyrene	23.13	252	266798	10.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	146410	5.32	ng/ul	95
90) Dibenzo(a,h)anthracene	25.33	278	39370	1.72	ng/ul#	87
91) Benzo(g,h,i)perylene	25.97	276	102590	4.68	ng/ul#	95

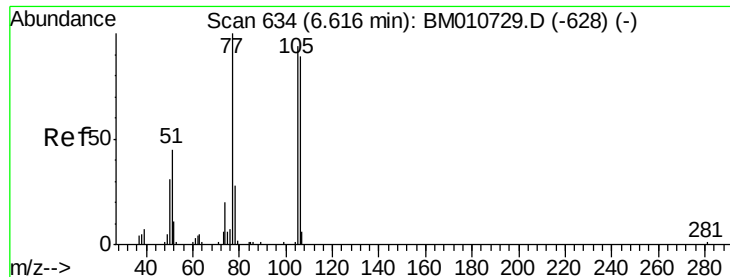
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.10 ng/ul

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampleId :

F5A93DL

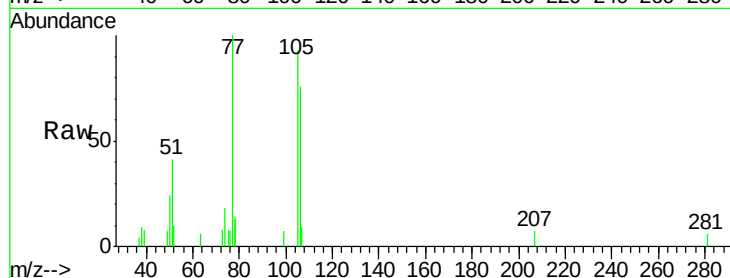
Tgt Ion: 77 Resp: 10665

Ion Ratio Lower Upper

77 100

105 93.1 66.1 99.1

106 75.8 67.8 101.6

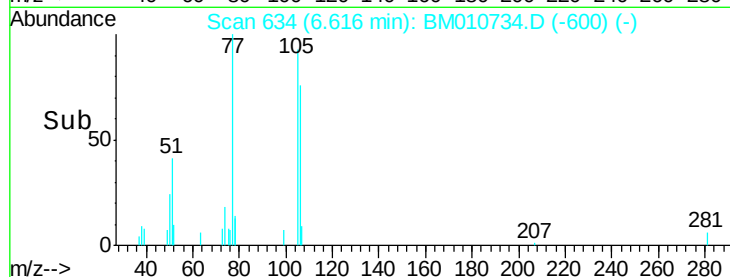


Abundance Ion 77.00 (76.70 to 77.70): BM010729.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM010729.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM010729.D (-628) (-)

Time-->

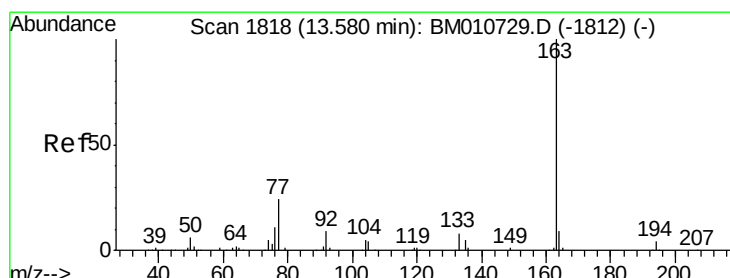


Abundance Ion 77.00 (76.70 to 77.70): BM010734.D (-600) (-)

Ion 105.00 (104.70 to 105.70): BM010734.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM010734.D (-600) (-)

Time-->



#44

Dimethylphthalate

Concen: 5.59 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

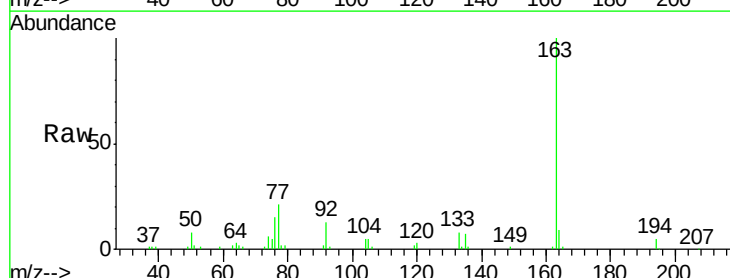
Tgt Ion: 163 Resp: 91939

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

164 9.3 8.2 12.4

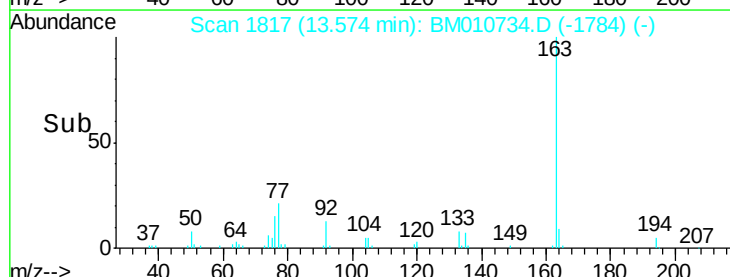


Abundance Ion 163.00 (162.70 to 163.70): BM010729.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM010729.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM010729.D (-1812) (-)

Time-->

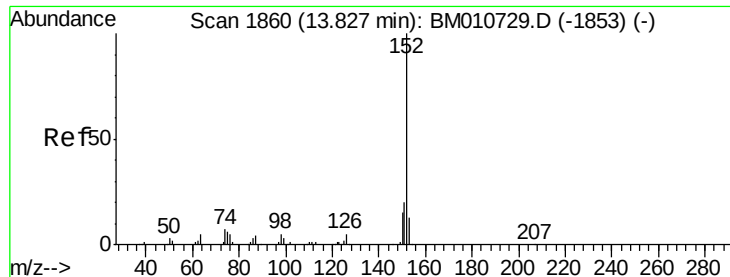


Abundance Ion 163.00 (162.70 to 163.70): BM010734.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM010734.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM010734.D (-1784) (-)

Time-->



#47

Acenaphthylene

Concen: 1.01 ng/ul

RT: 13.82 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampleId :

F5A93DL

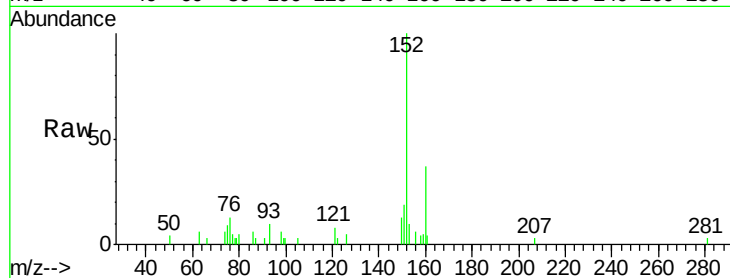
Tgt Ion:152 Resp: 18684

Ion Ratio Lower Upper

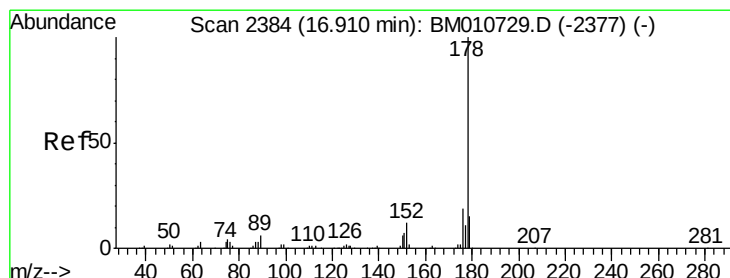
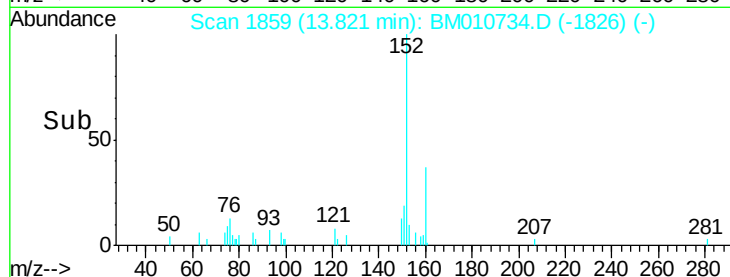
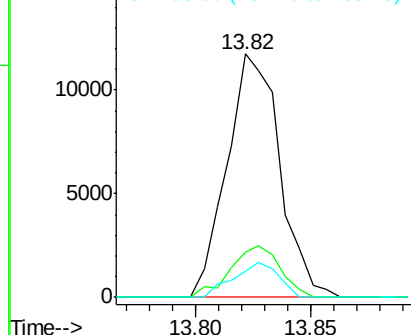
152 100

151 18.6 16.3 24.5

153 10.5 10.2 15.4



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



#69

Phenanthrene

Concen: 6.76 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

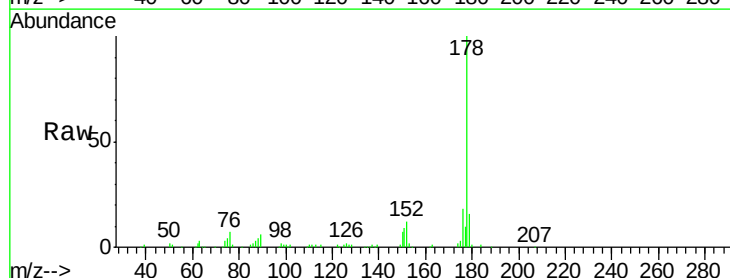
Tgt Ion:178 Resp: 172096

Ion Ratio Lower Upper

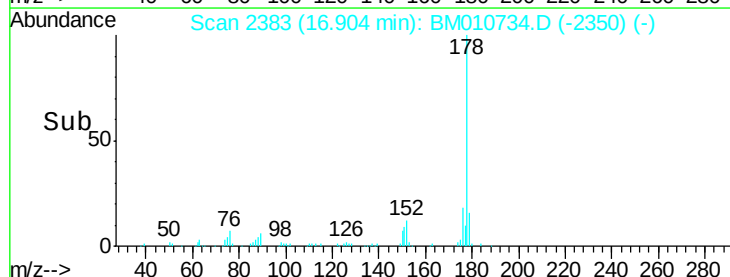
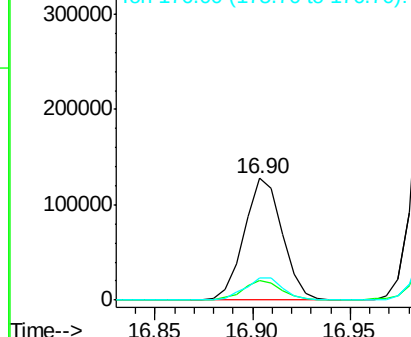
178 100

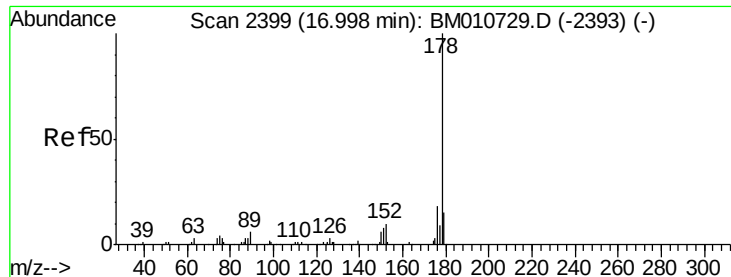
179 16.4 12.6 19.0

176 17.8 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

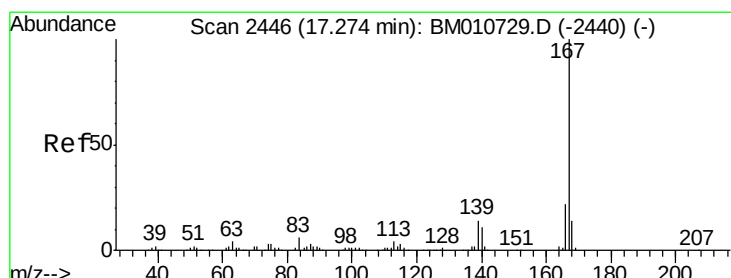
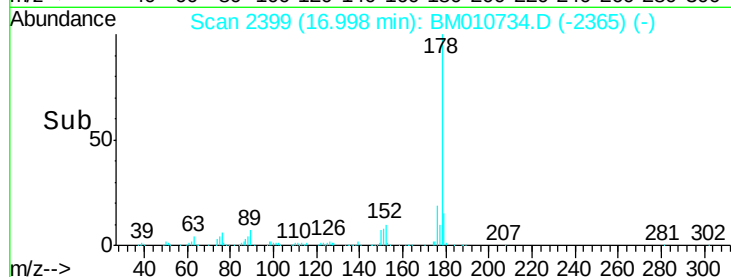
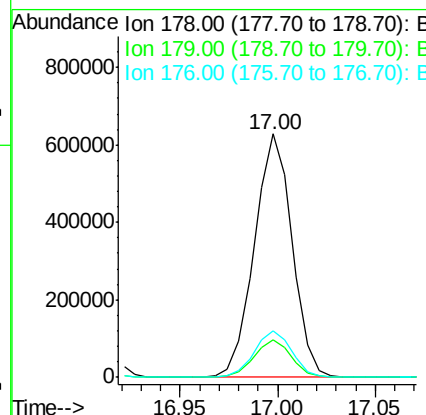
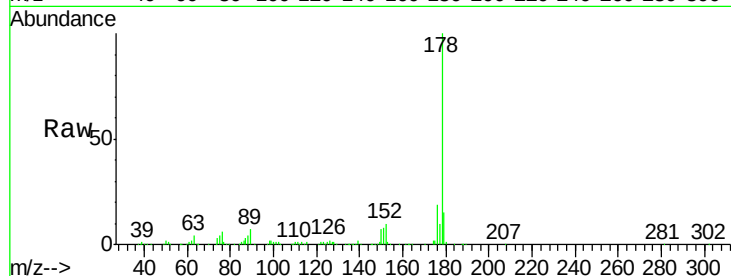




#71
 Anthracene
 Concen: 31.97 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BM010734.D
 Acq: 24 Jun 2017 17:39

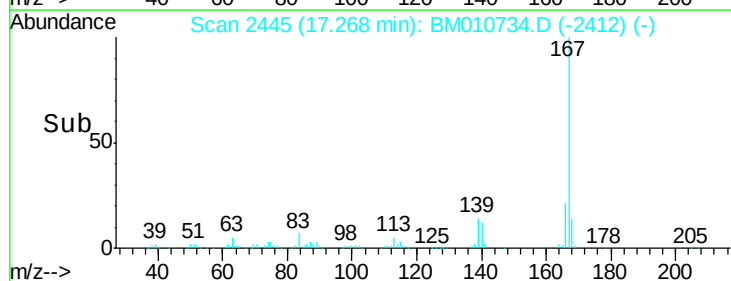
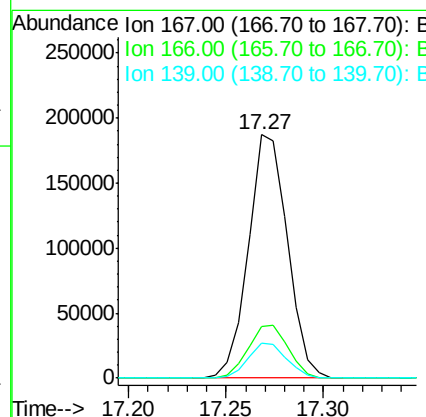
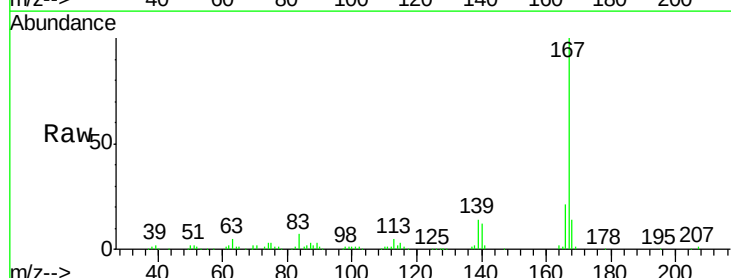
Instrument :
 BNA_M
 ClientSampleId :
 F5A93DL

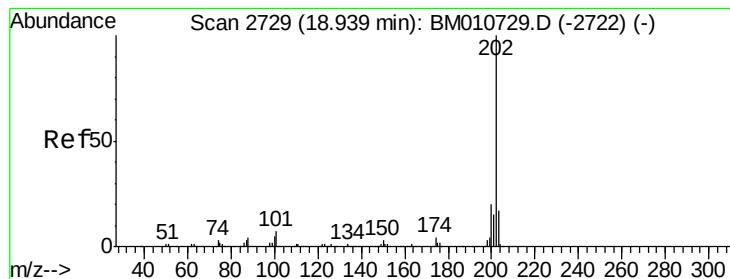
Tgt Ion:178 Resp: 838571
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.7 17.5
 176 19.2 14.6 21.8



#72
 Carbazole
 Concen: 11.35 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM010734.D
 Acq: 24 Jun 2017 17:39

Tgt Ion:167 Resp: 259686
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 14.3 10.0 15.0





#74

Fluoranthene

Concen: 43.92 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampleId :

F5A93DL

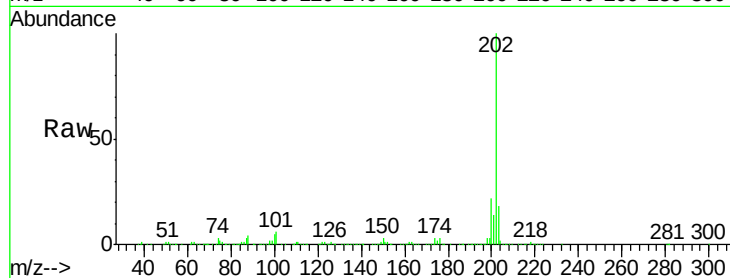
Tgt Ion:202 Resp: 1440942

Ion Ratio Lower Upper

202 100

101 6.5 4.6 7.0

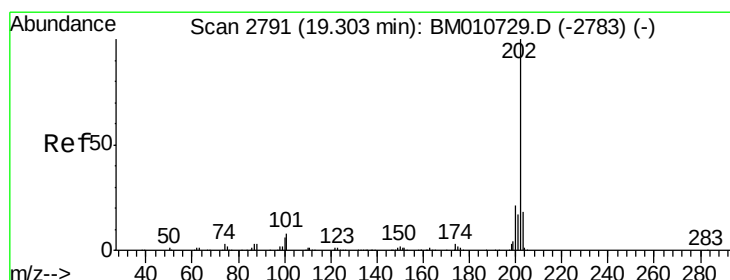
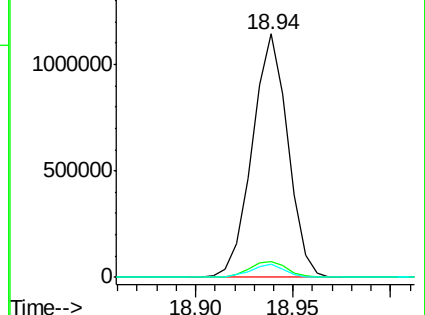
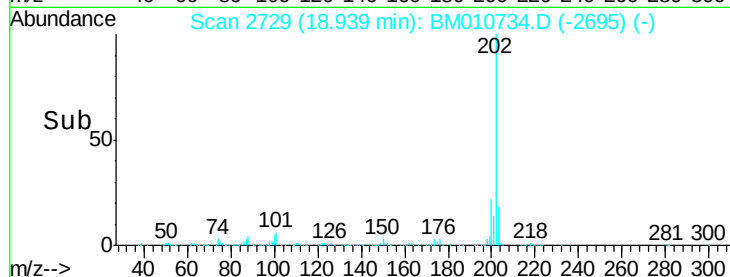
100 5.2 3.4 5.2#



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: 36.76 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

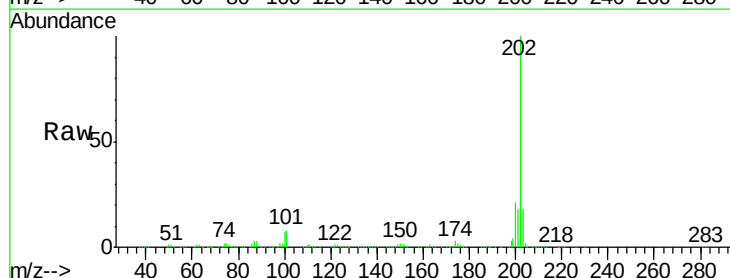
Tgt Ion:202 Resp: 1204031

Ion Ratio Lower Upper

202 100

101 7.9 5.1 7.7#

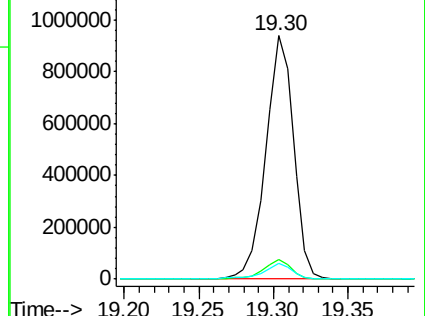
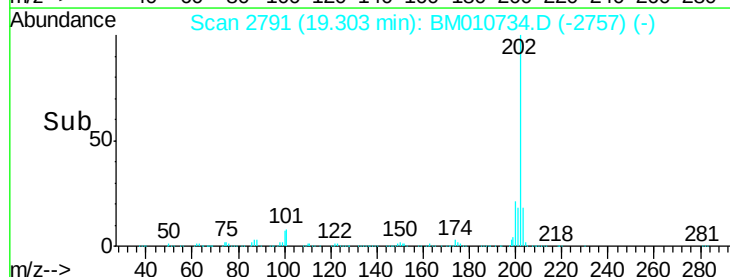
100 6.7 4.9 7.3

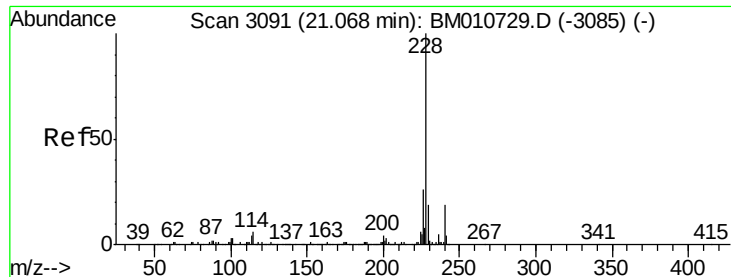


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 14.89 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampleId :

F5A93DL

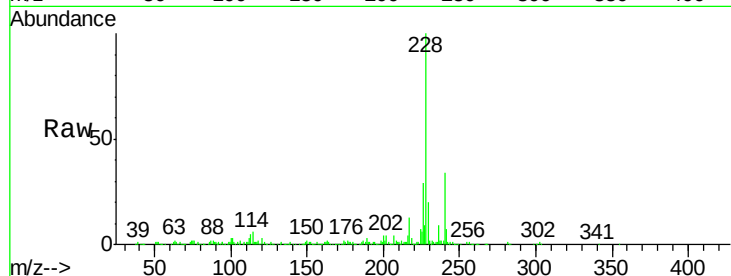
Tgt Ion:228 Resp: 491666

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

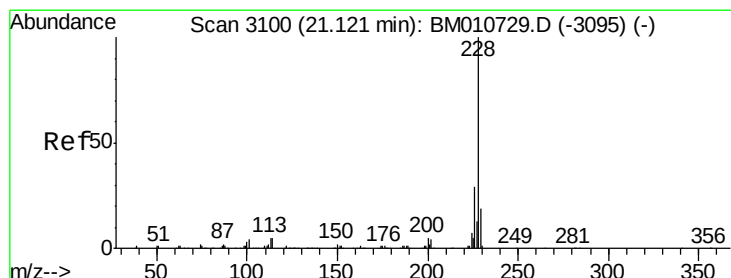
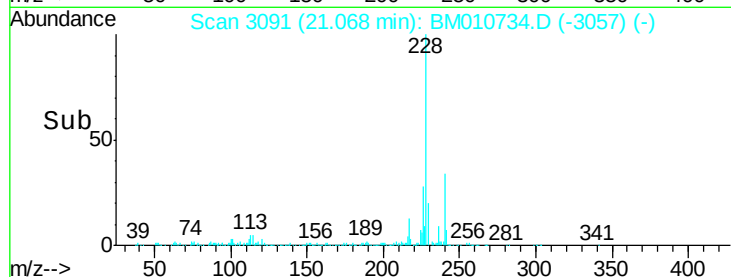
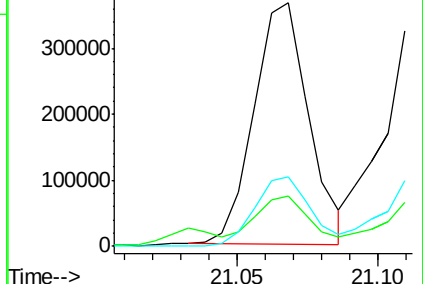
226 28.8 21.4 32.0



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: 23.78 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

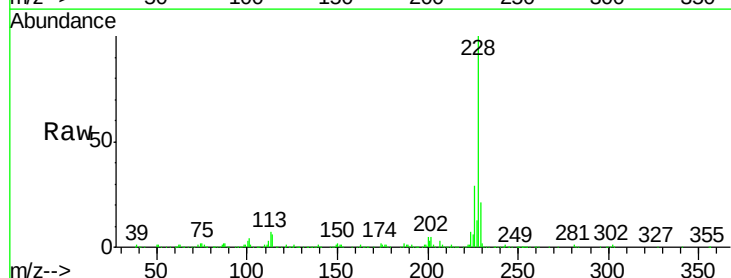
Tgt Ion:228 Resp: 700068

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.2

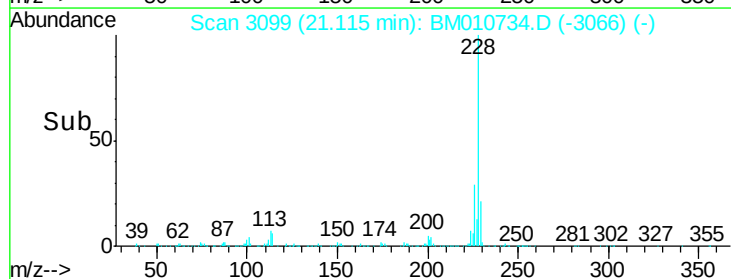
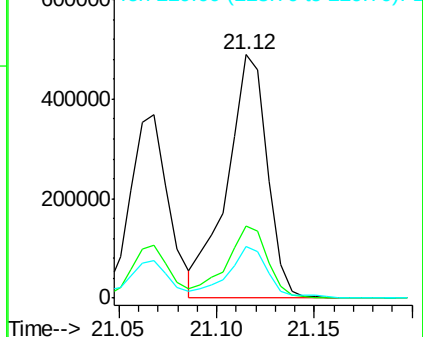
229 21.1 15.5 23.3

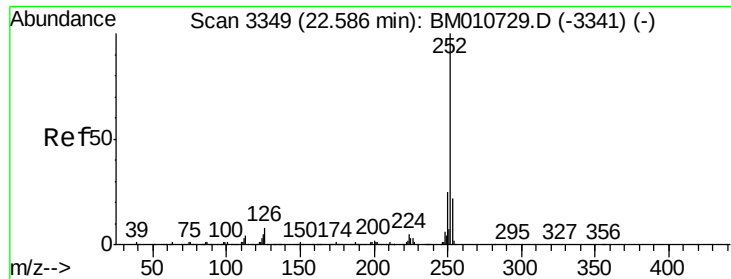


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

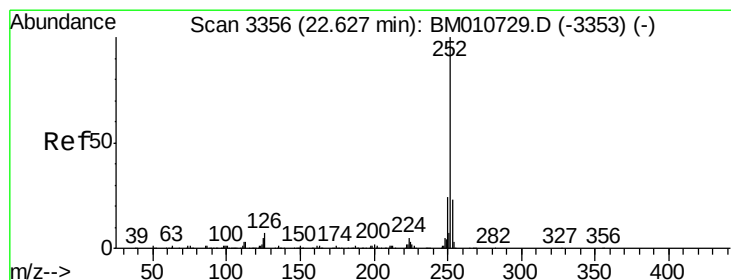
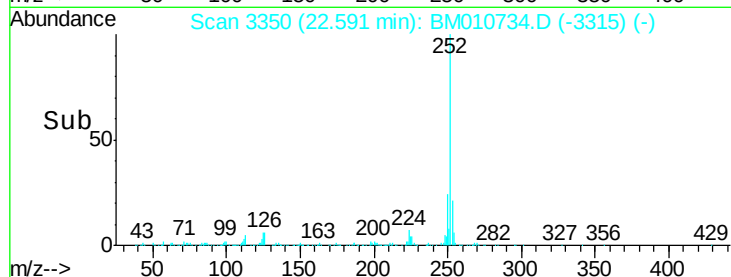
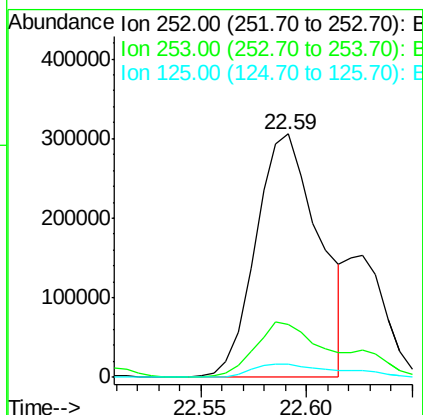
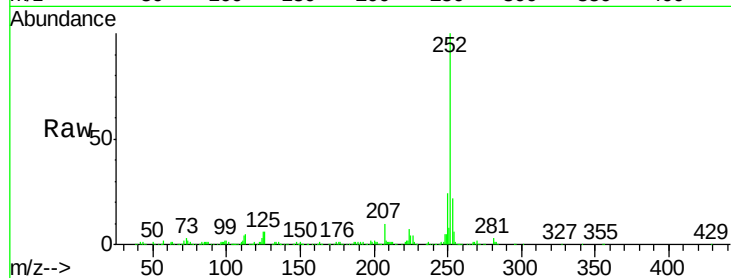




#85
Benzo(b)fluoranthene
Concen: 22.01 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

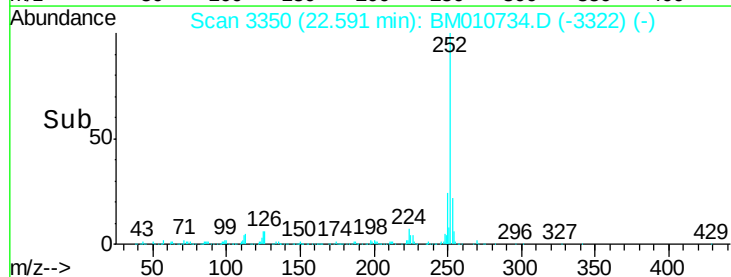
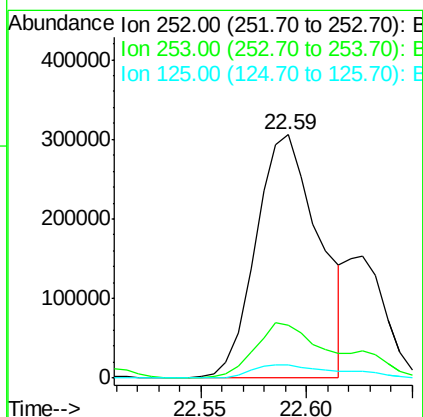
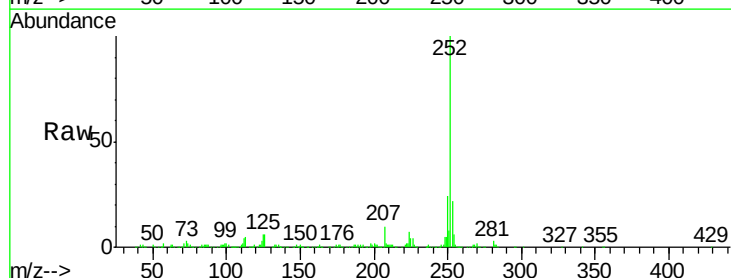
Instrument :
BNA_M
ClientSampleId :
F5A93DL

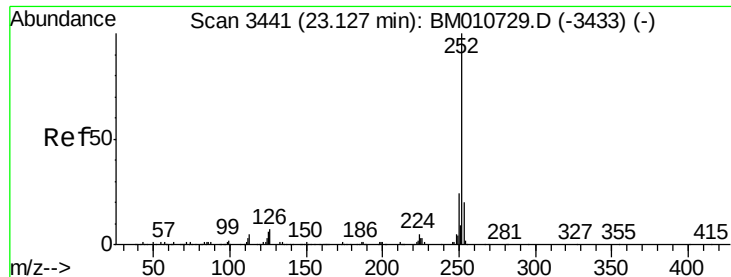
Tgt Ion:252 Resp: 634683
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 5.6 3.6 5.4#



#86
Benzo(k)fluoranthene
Concen: 23.22 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion:252 Resp: 634683
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 5.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 10.05 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampled :

F5A93DL

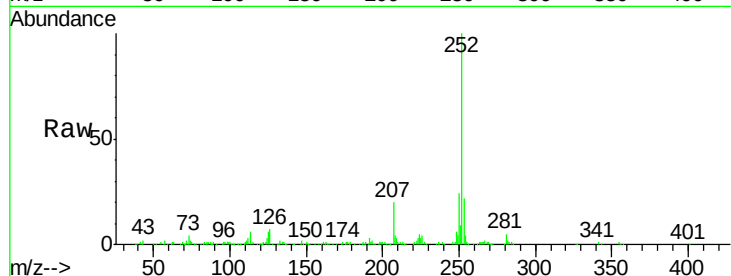
Tgt Ion:252 Resp: 266798

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 5.7 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

200000

150000

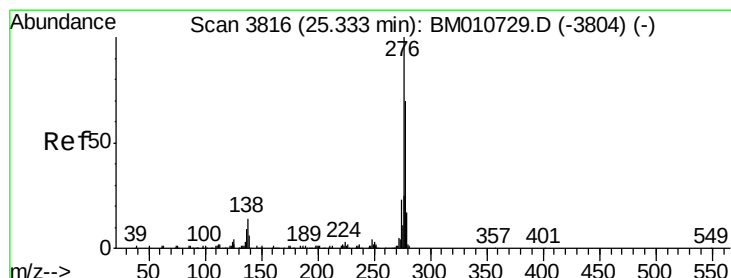
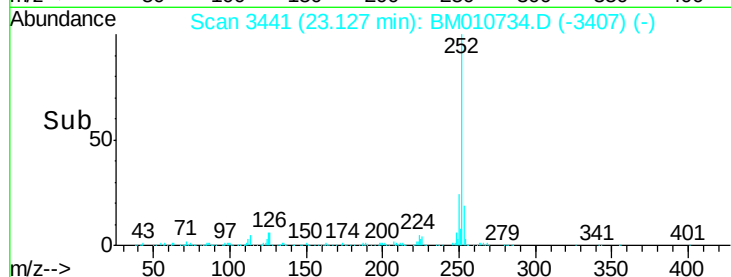
100000

50000

0

23.13

Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.32 ng/ul

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

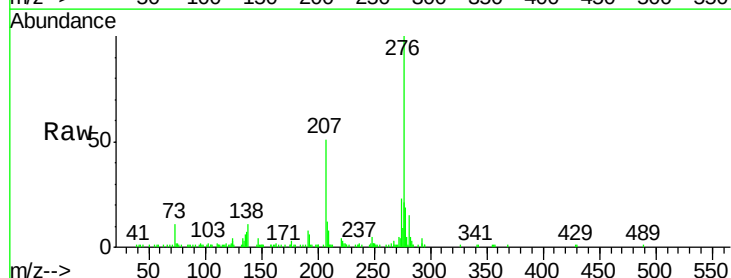
Tgt Ion:276 Resp: 146410

Ion Ratio Lower Upper

276 100

138 11.5 9.3 13.9

277 21.3 19.9 29.9



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

80000

60000

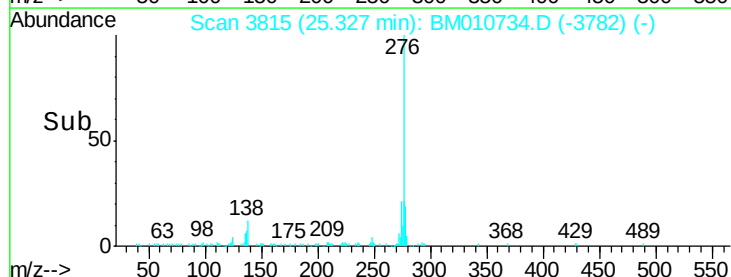
40000

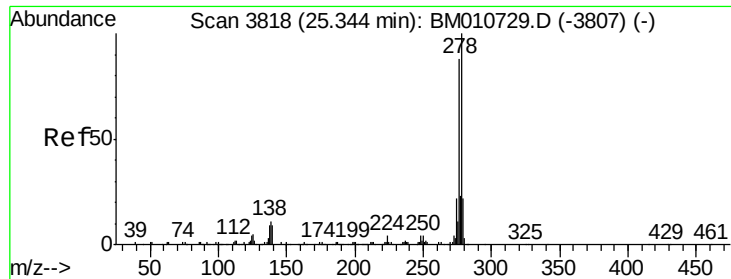
20000

0

25.33

Time-->





#90

Dibenzo(a,h)anthracene

Concen: 1.72 ng/ul

RT: 25.33 min Scan# 3816

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

ClientSampleId :

F5A93DL

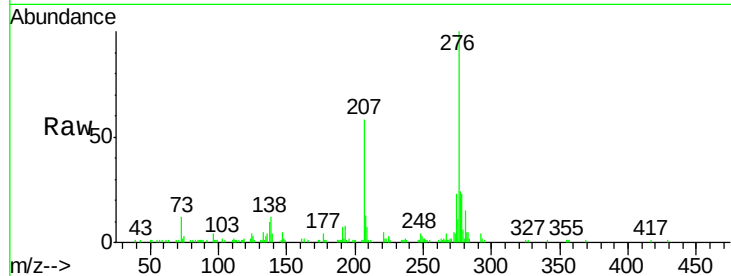
Tgt Ion:278 Resp: 39370

Ion Ratio Lower Upper

278 100

139 15.7 5.8 8.8#

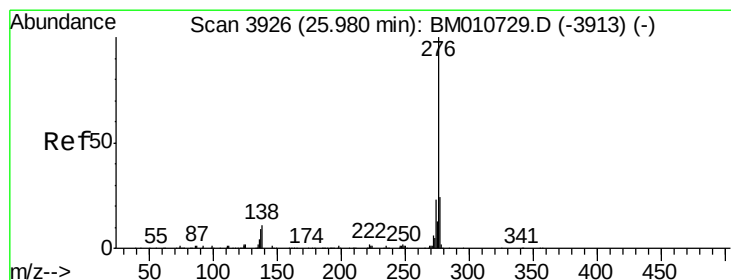
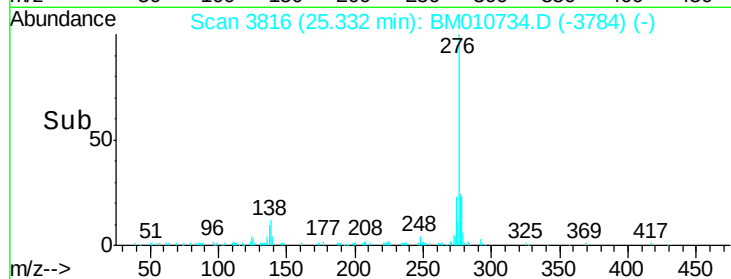
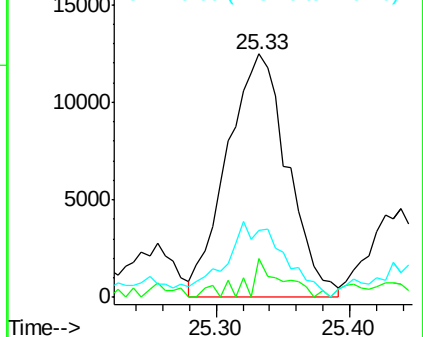
279 27.6 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 4.68 ng/ul

RT: 25.97 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

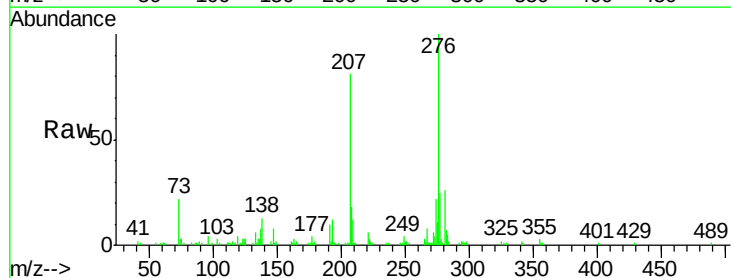
Tgt Ion:276 Resp: 102590

Ion Ratio Lower Upper

276 100

138 13.0 8.5 12.7#

277 25.3 18.6 28.0



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

