

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004206.D
 Acq On : 08 Feb 2016 18:47
 Operator : SJ/IZ
 Sample : H1340-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K4

Quant Time: Feb 09 00:12:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 00:07:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	28676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	142688	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	87776	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	201957	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	229973	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	203216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2145	3.95	ng/uL	0.00
5) Phenol-d5	6.84	99	48511	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	27988	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	43773	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	28053	11.69	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	22908	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	25410	21.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	43392	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	60330	21.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	154324	20.44	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	188400	21.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	20678	13.68	ng/ul	0.01
58) Fluorene-d10	15.32	176	135483	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	14706	11.82	ng/ul	0.00
71) Anthracene-d10	17.17	188	210657	21.44	ng/ul	0.00
79) Pyrene-d10	19.47	212	243776	23.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	236915	22.35	ng/ul	0.00

Target Compounds

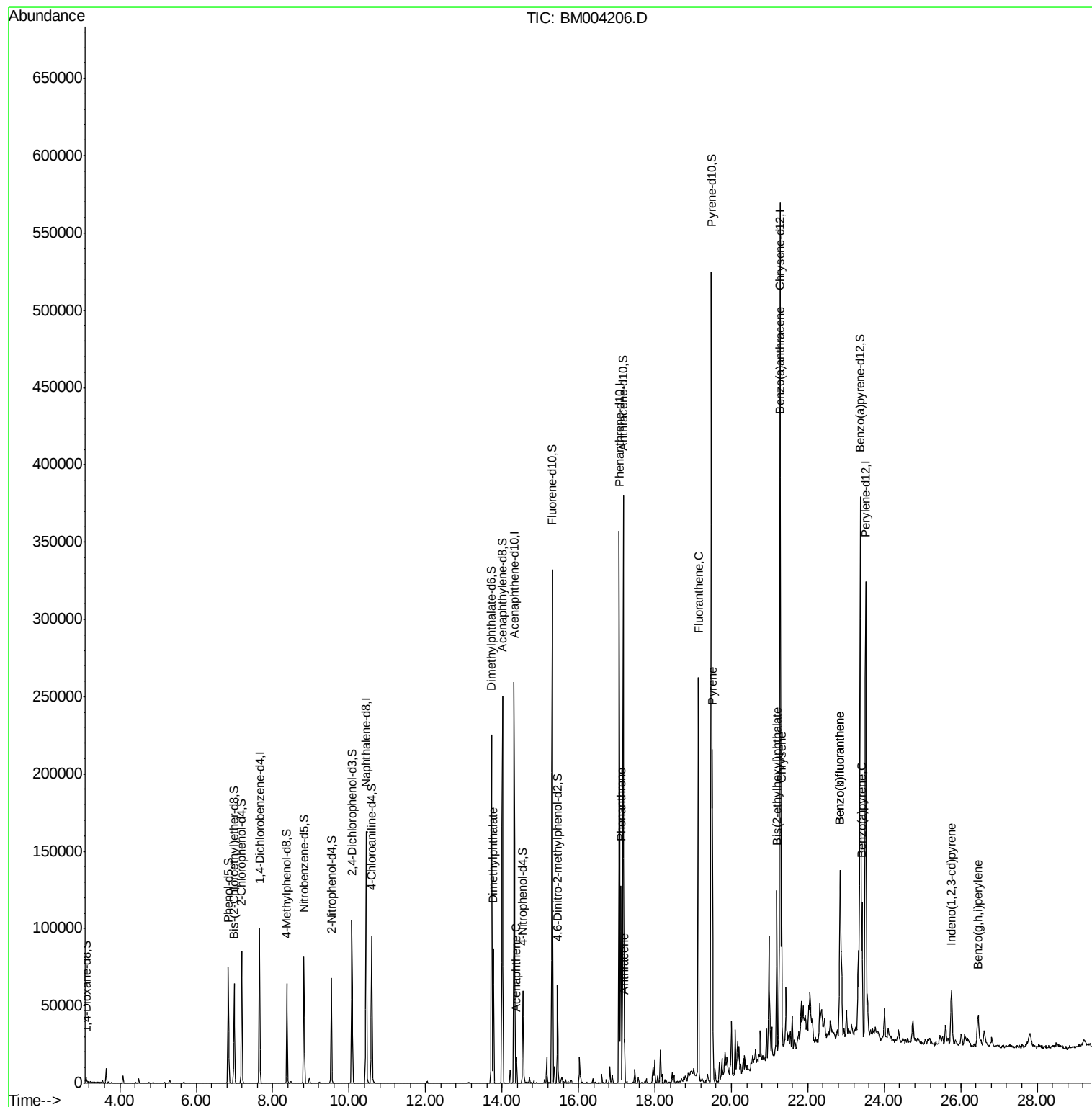
						Qvalue
45) Dimethylphthalate	13.77	163	59820	7.52	ng/ul	99
50) Acenaphthene	14.38	153	7760	1.18	ng/ul	96
70) Phenanthrene	17.11	178	76668	6.22	ng/ul	99
72) Anthracene	17.20	178	19705	1.58	ng/ul	98
77) Fluoranthene	19.14	202	152378	10.62	ng/ul	100
80) Pyrene	19.50	202	130373	9.22	ng/ul	99
83) Benzo(a)anthracene	21.26	228	81740	5.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	40031	4.42	ng/ul	98
85) Chrysene	21.32	228	73949	5.31	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	86880	6.70	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	22268	1.84	ng/ul	97
91) Benzo(a)pyrene	23.41	252	59370	4.74	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	32613	2.18	ng/ul	95
94) Benzo(g,h,i)perylene	26.45	276	23275	1.82	ng/ul	97

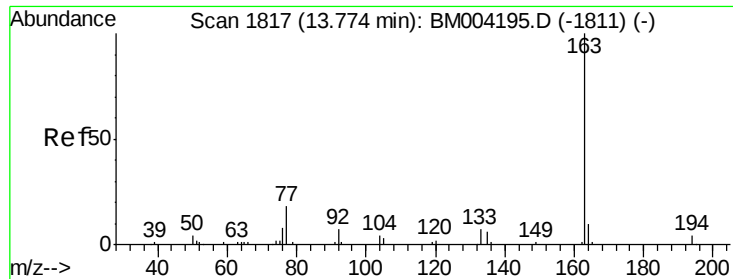
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004206.D
Acq On : 08 Feb 2016 18:47
Operator : SJ/IZ
Sample : H1340-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04K4

Quant Time: Feb 09 00:12:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration

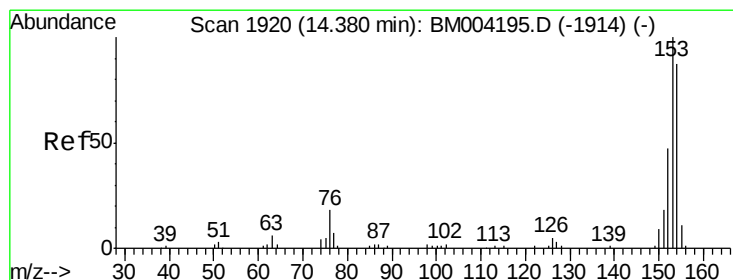
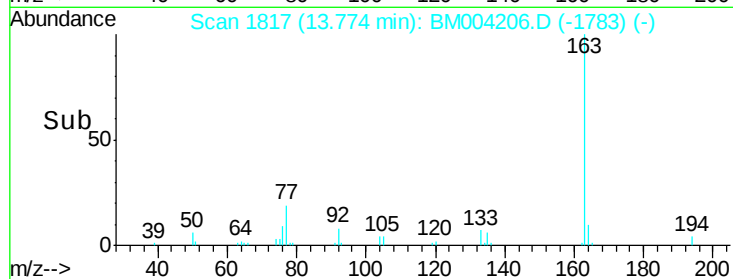
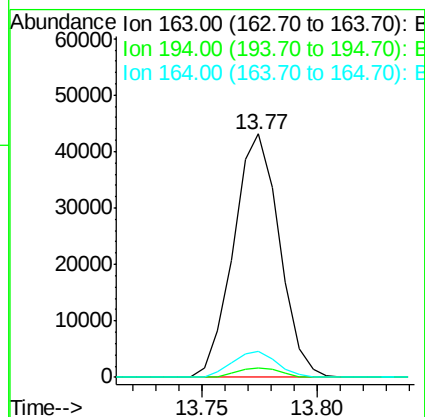
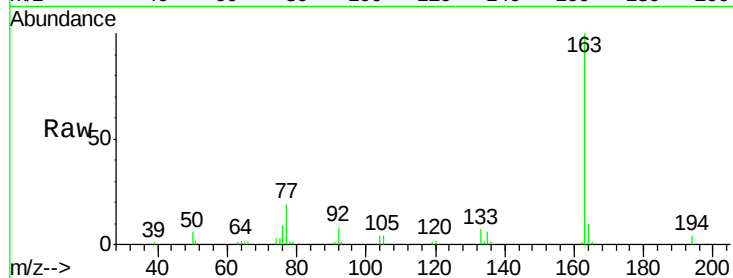




#45
Dimethylphthalate
Concen: 7.52 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

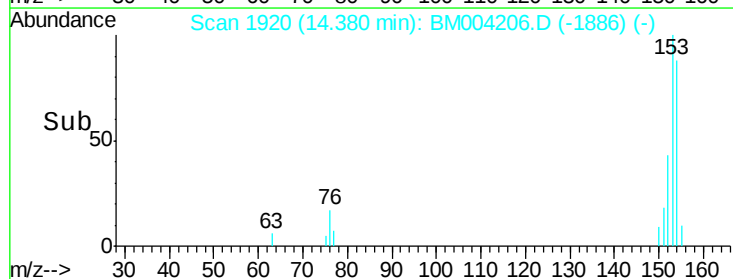
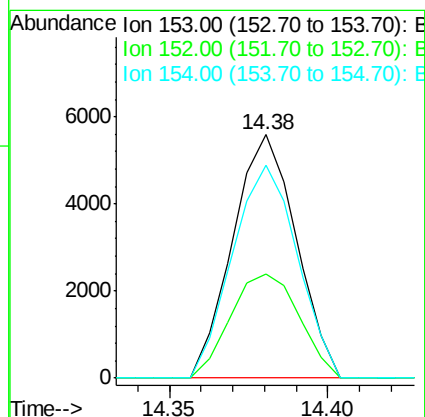
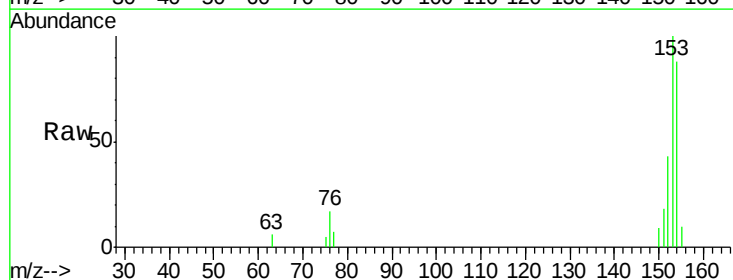
Instrument :
BNA_M
ClientSampleId :
C04K4

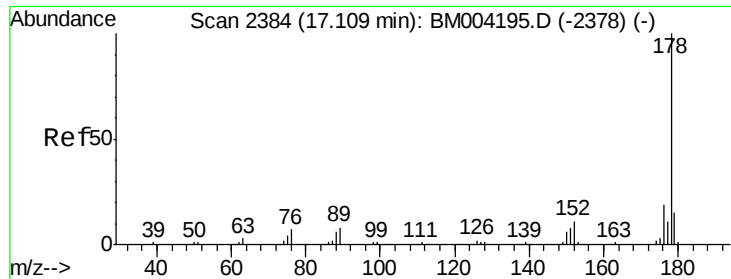
Tgt Ion:163 Resp: 59820
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 7.8 11.8



#50
Acenaphthene
Concen: 1.18 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004206.D
Acq: 08 Feb 2016 18:47

Tgt Ion:153 Resp: 7760
Ion Ratio Lower Upper
153 100
152 42.8 38.3 57.5
154 87.5 71.8 107.8





#70

Phenanthrene

Concen: 6.22 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

ClientSampleId :

C04K4

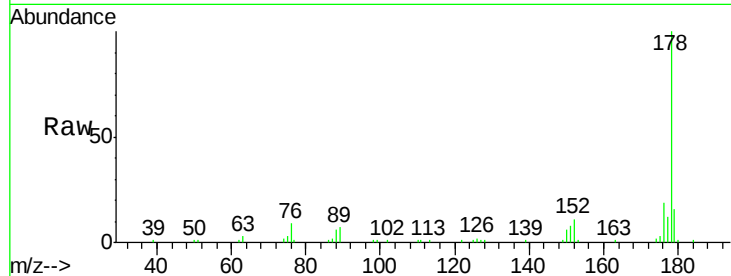
Tgt Ion:178 Resp: 76668

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

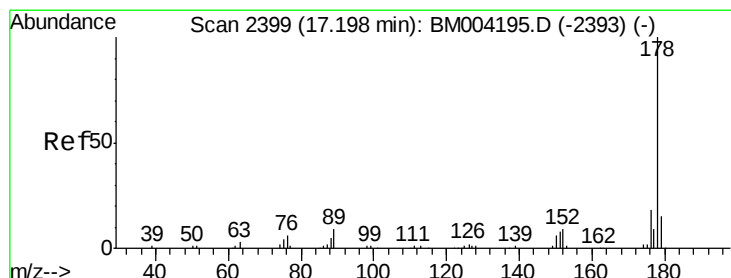
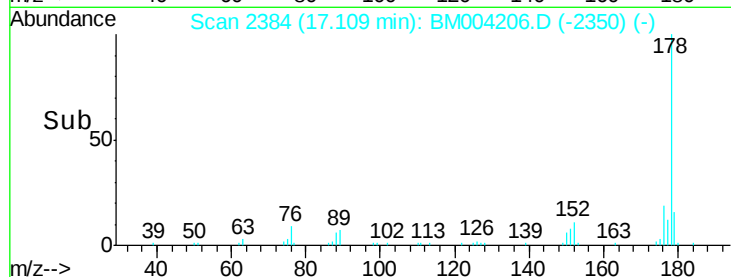
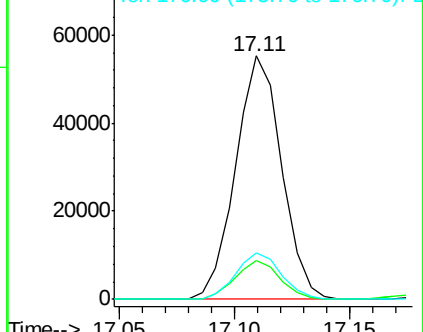
176 19.4 15.6 23.4



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

Anthracene

Concen: 1.58 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

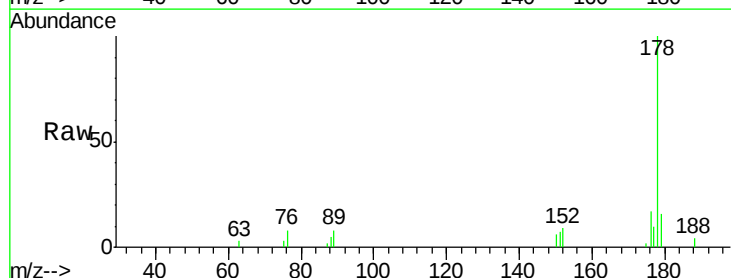
Tgt Ion:178 Resp: 19705

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

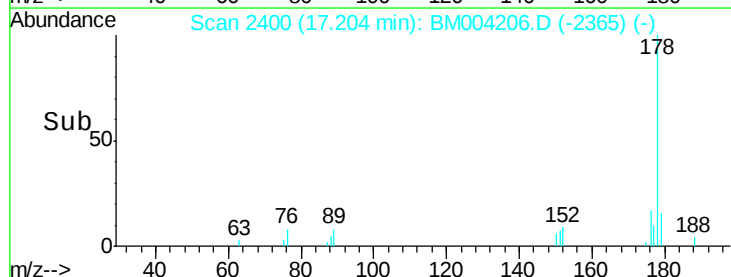
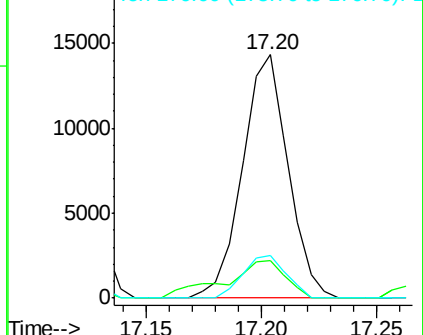
176 17.5 14.8 22.2

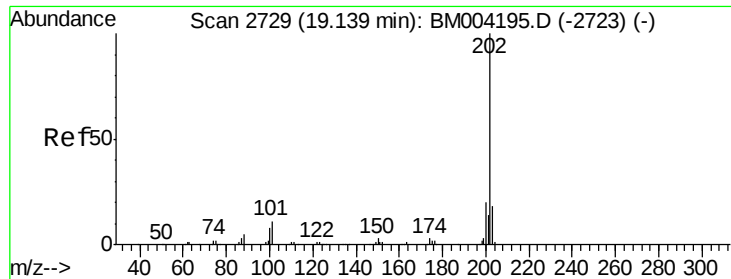


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

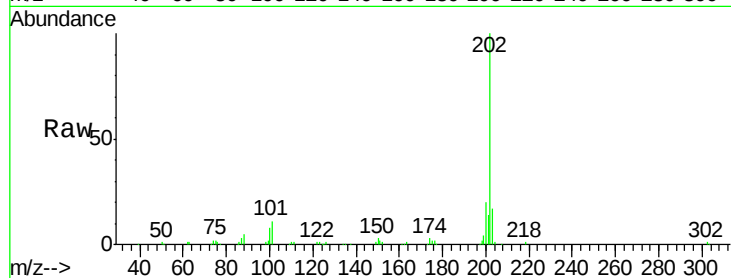




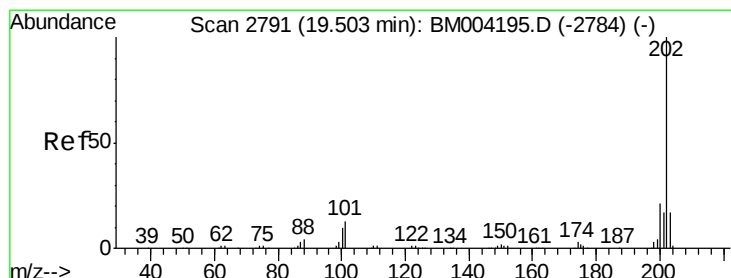
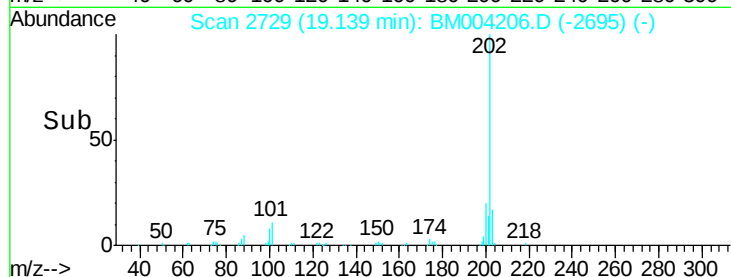
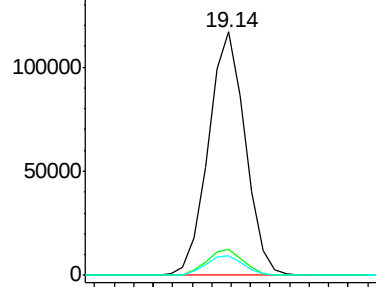
#77
Fluoranthene
 Concen: 10.62 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM004206.D
 Acq: 08 Feb 2016 18:47

Instrument :
 BNA_M
 ClientSampleId :
 C04K4

Tgt Ion:202 Resp: 152378
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.8 13.2
 100 8.3 6.6 9.8

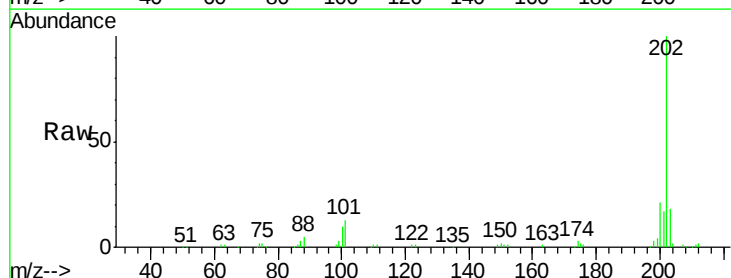


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

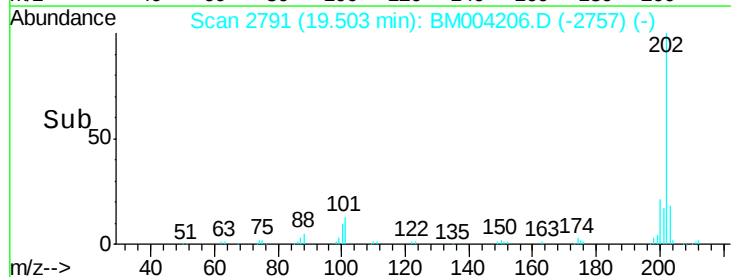
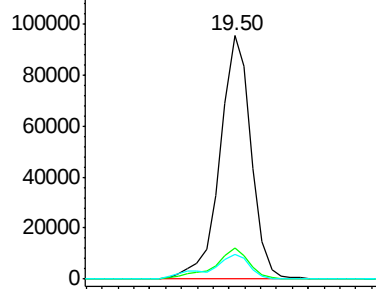


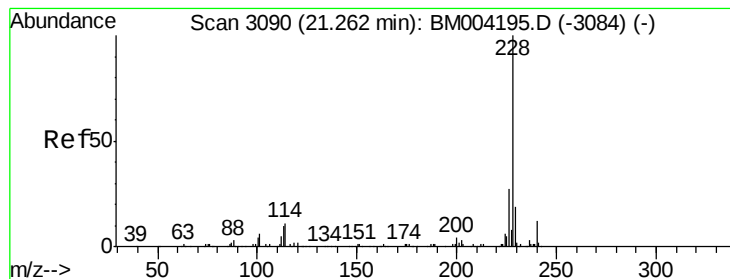
#80
Pyrene
 Concen: 9.22 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004206.D
 Acq: 08 Feb 2016 18:47

Tgt Ion:202 Resp: 130373
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.2 15.2
 100 10.2 8.5 12.7



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





#83

Benzo(a)anthracene

Concen: 5.58 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

ClientSampleId :

C04K4

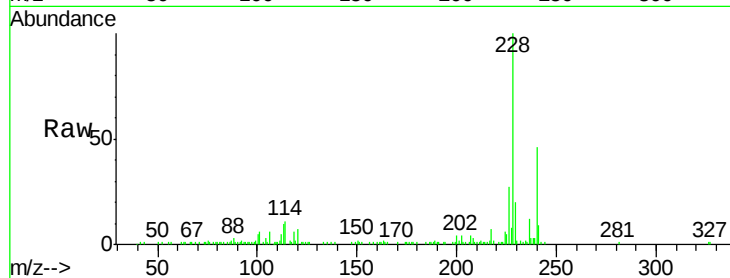
Tgt Ion:228 Resp: 81740

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

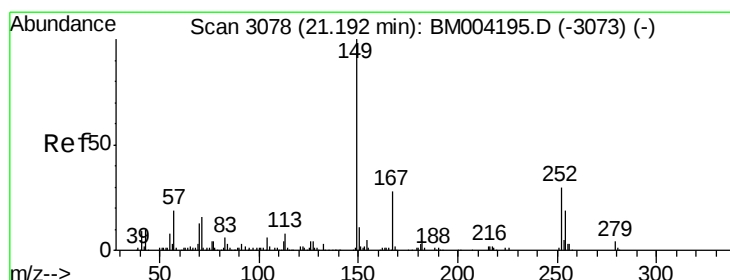
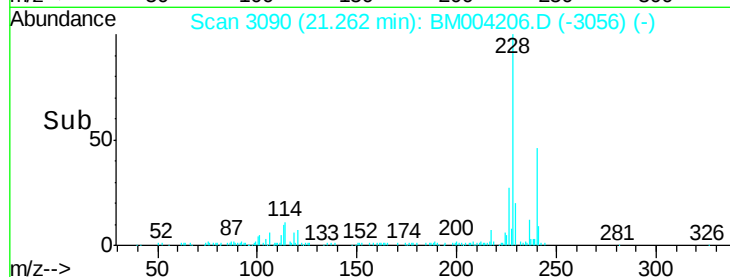
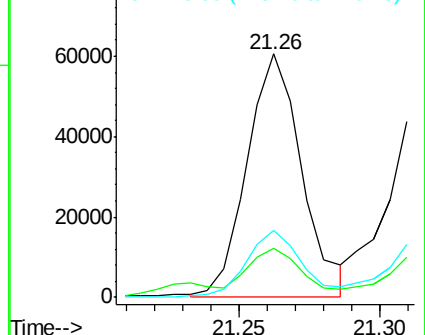
226 27.4 21.8 32.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.42 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

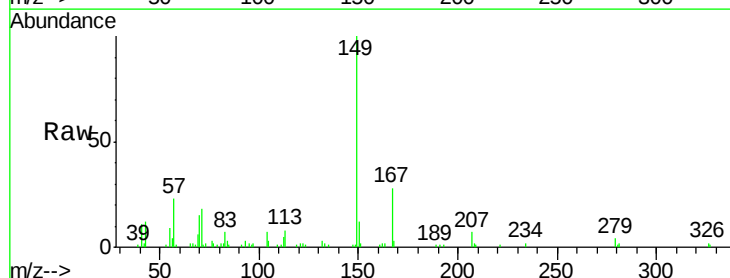
Tgt Ion:149 Resp: 40031

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

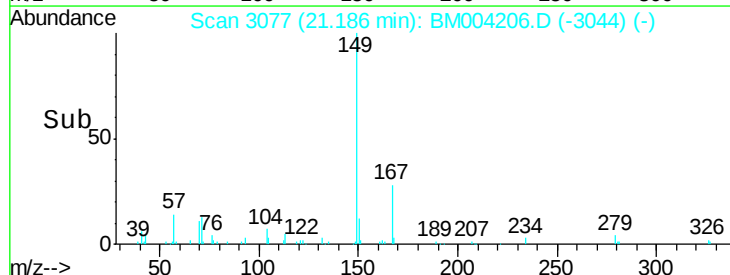
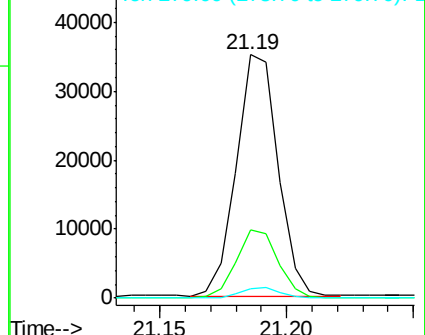
279 4.0 3.0 4.4

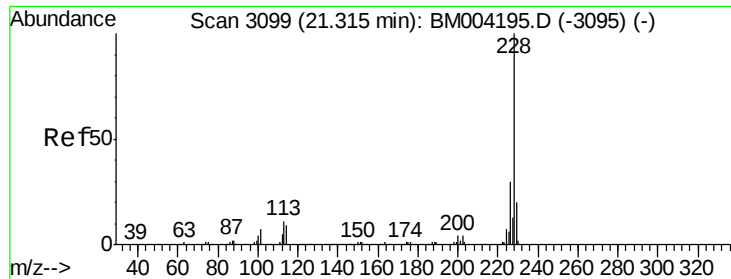


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 5.31 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

ClientSampleId :

C04K4

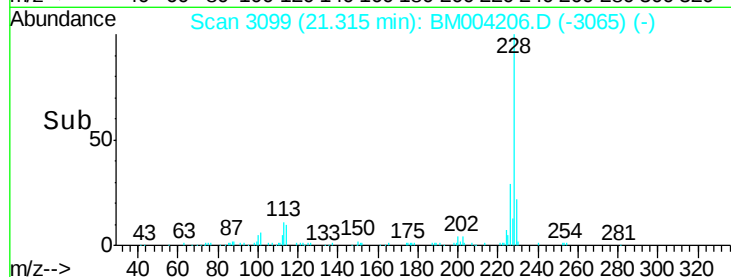
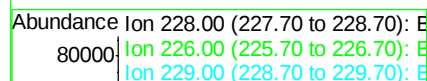
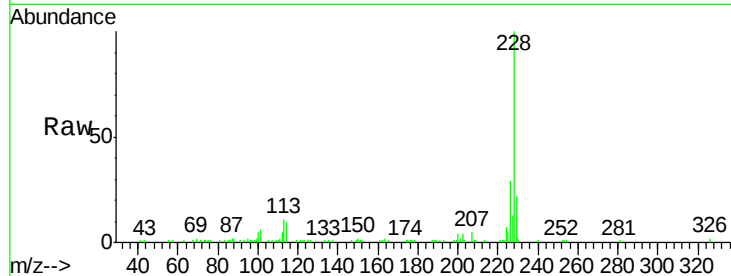
Tgt Ion:228 Resp: 73949

Ion Ratio Lower Upper

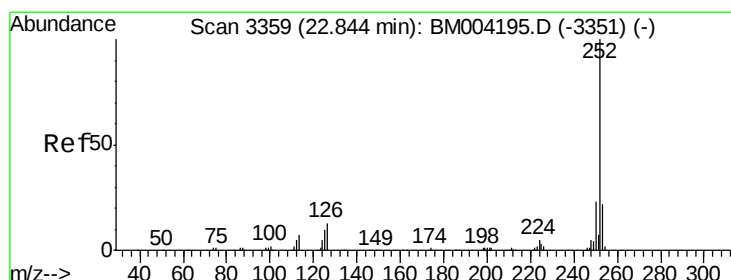
228 100

226 29.3 24.0 36.0

229 22.2 15.6 23.4



Time-->



#88

Benzo(b)fluoranthene

Concen: 6.70 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

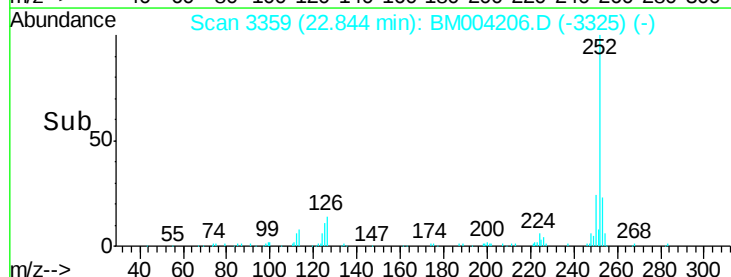
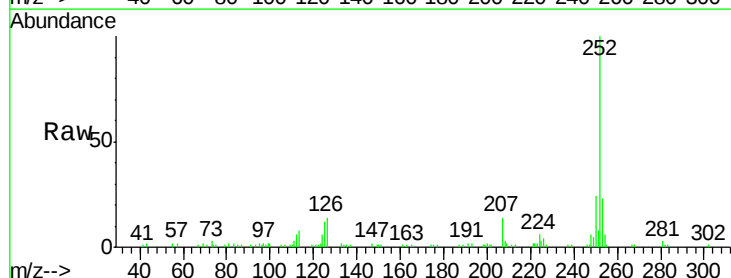
Tgt Ion:252 Resp: 86880

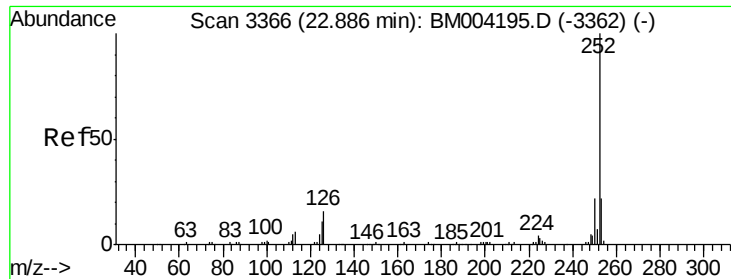
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 11.8 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 1.84 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

ClientSampleId :

C04K4

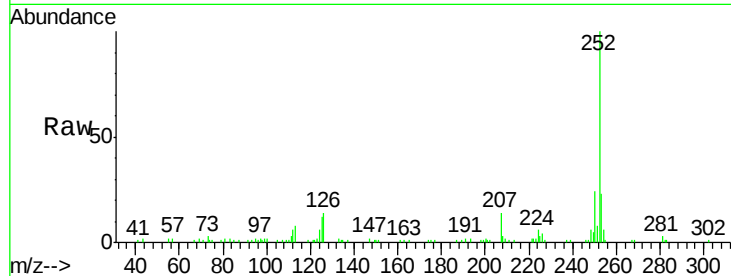
Tgt Ion:252 Resp: 22268

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

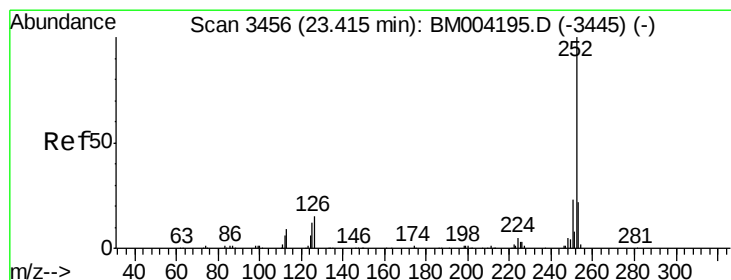
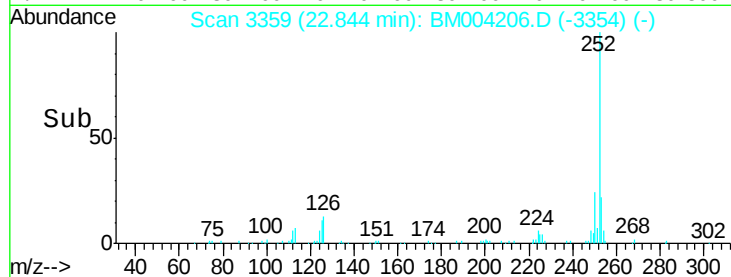
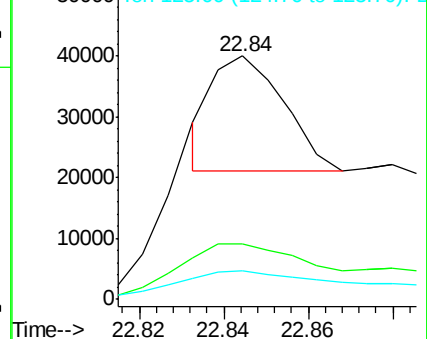
125 11.8 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 4.74 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

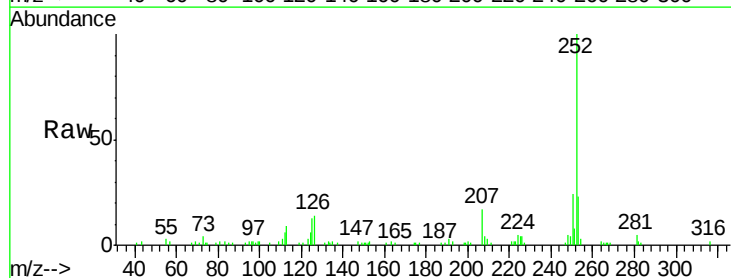
Tgt Ion:252 Resp: 59370

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

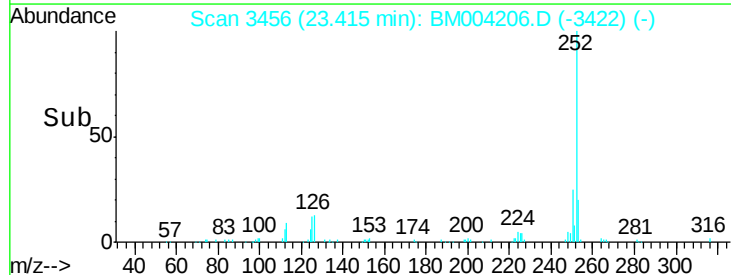
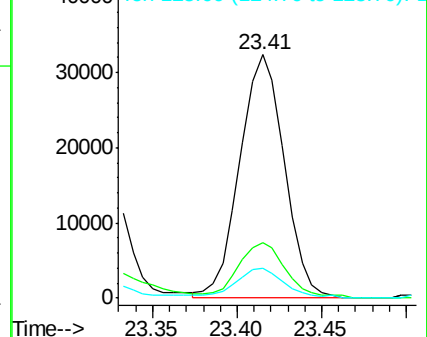
125 12.5 9.0 13.6

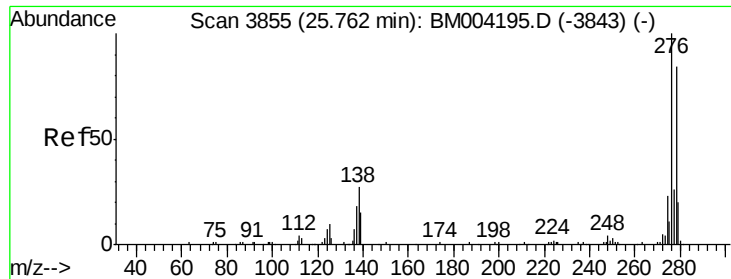


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.18 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Instrument :

BNA_M

ClientSampleId :

C04K4

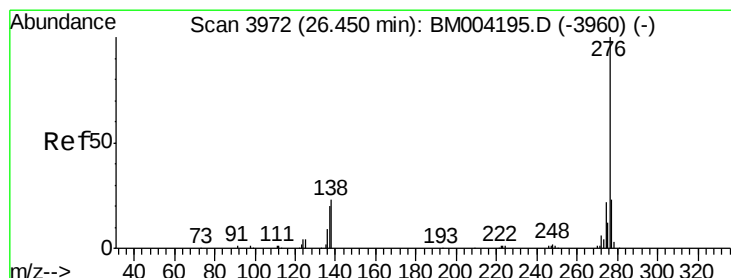
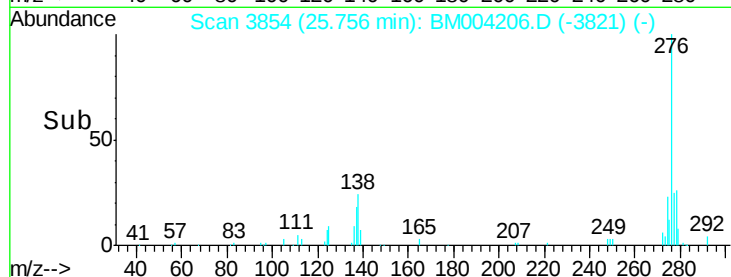
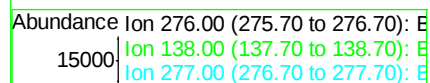
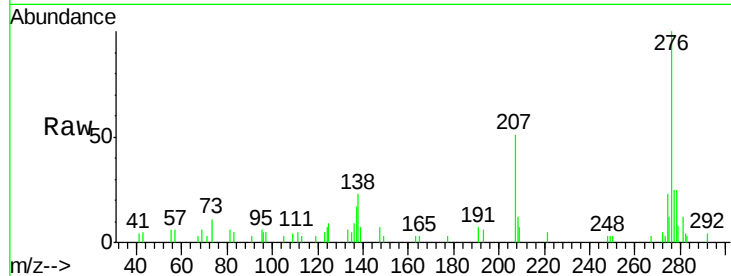
Tgt Ion:276 Resp: 32613

Ion Ratio Lower Upper

276 100

138 23.3 22.3 33.5

277 24.8 20.2 30.2



#94

Benzo(g,h,i)perylene

Concen: 1.82 ng/ul

RT: 26.45 min Scan# 3972

Delta R.T. 0.00 min

Lab File: BM004206.D

Acq: 08 Feb 2016 18:47

Tgt Ion:276 Resp: 23275

Ion Ratio Lower Upper

276 100

138 24.8 18.9 28.3

277 25.8 19.2 28.8

