

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
 Data File : BM003976.D
 Acq On : 13 Jan 2016 04:30
 Operator : SJ/UM
 Sample : H1095-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9B5

Quant Time: Jan 13 06:49:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	199284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	121491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	275179	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	273568	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	218277	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3942	4.35	ng/uL	0.00
5) Phenol-d5	6.85	99	88370	26.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54736	28.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	74767	27.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	56848	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	38360	25.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	41815	25.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	73899	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	88499	22.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	267376	28.03	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	324884	27.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	38403	22.42	ng/ul	0.00
58) Fluorene-d10	15.32	176	238370	29.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	33080	21.32	ng/ul	0.00
71) Anthracene-d10	17.17	188	365584	28.72	ng/ul	0.00
79) Pyrene-d10	19.47	212	410904	29.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	328467	30.13	ng/ul	0.00

Target Compounds

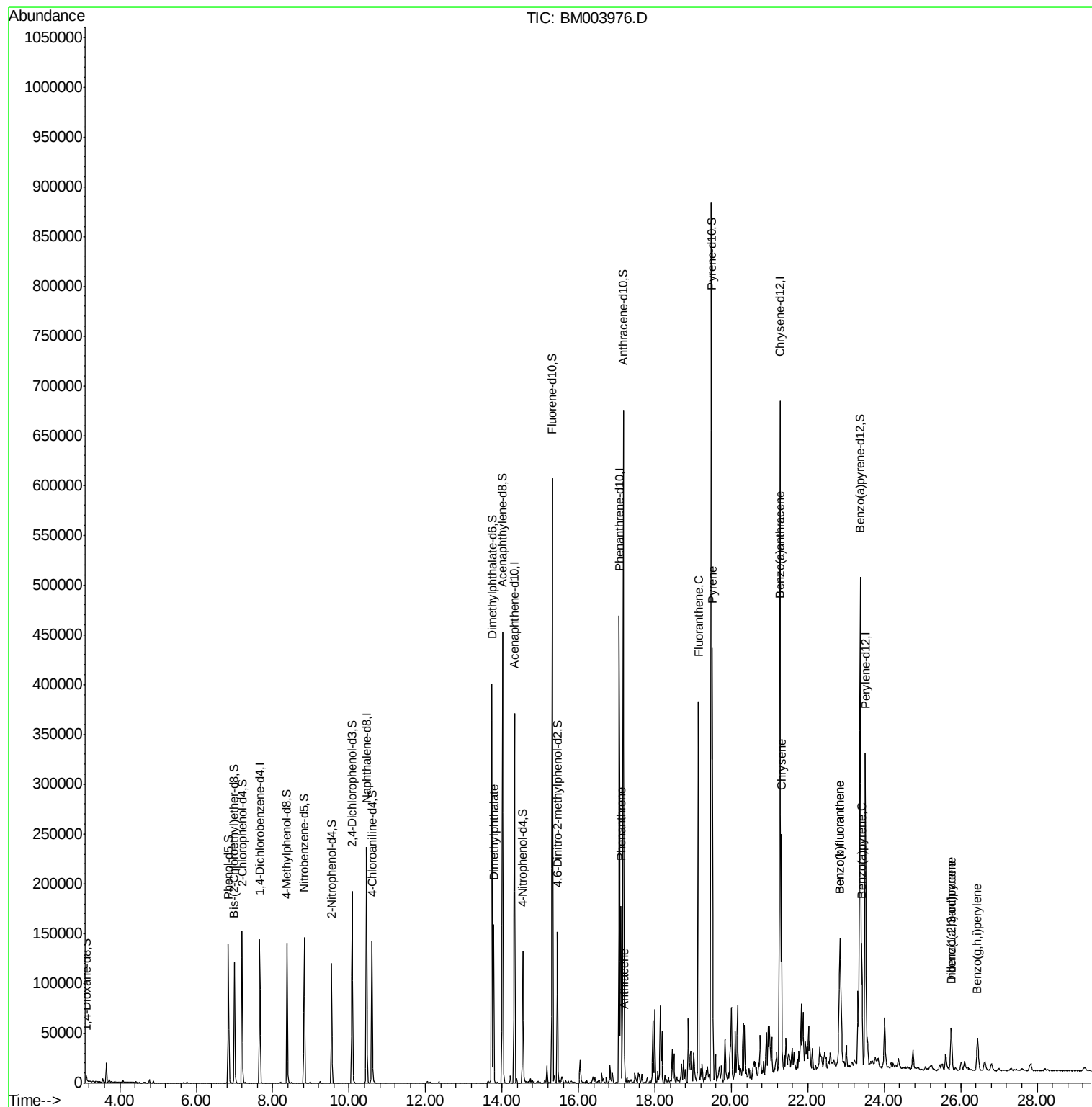
						Qvalue
45) Dimethylphthalate	13.78	163	106670	10.97	ng/ul	100
70) Phenanthrene	17.11	178	109339	7.07	ng/ul	99
72) Anthracene	17.20	178	17671	1.11	ng/ul	99
77) Fluoranthene	19.14	202	211807	13.17	ng/ul	98
80) Pyrene	19.50	202	251405	13.54	ng/ul	97
83) Benzo(a)anthracene	21.26	228	107333	6.59	ng/ul	99
85) Chrysene	21.31	228	121285	7.84	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	107615	8.11	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	27483	2.18	ng/ul#	97
91) Benzo(a)pyrene	23.41	252	80072	6.36	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	42556	3.06	ng/ul	97
93) Dibenzo(a,h)anthracene	25.76	278	12813	1.10	ng/ul#	87
94) Benzo(g,h,i)perylene	26.44	276	40951	3.50	ng/ul	98

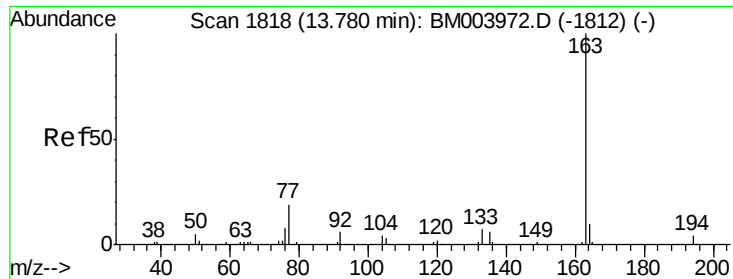
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 10.97 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

ClientSampleId :

BC9B5

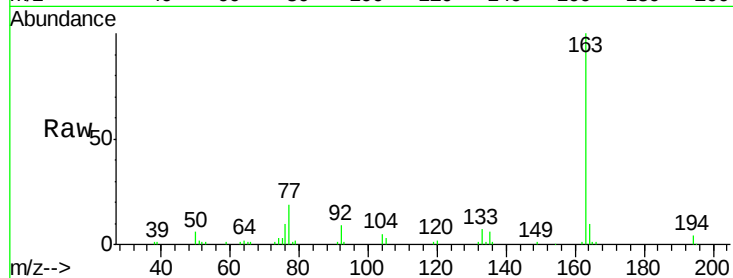
Tgt Ion:163 Resp: 106670

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

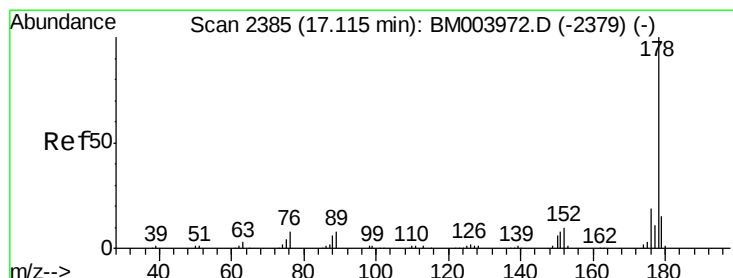
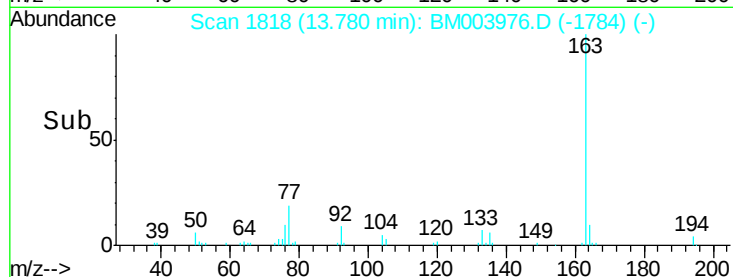
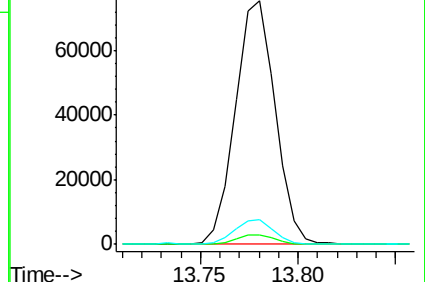
164 9.9 7.8 11.8



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



#70

Phenanthrene

Concen: 7.07 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

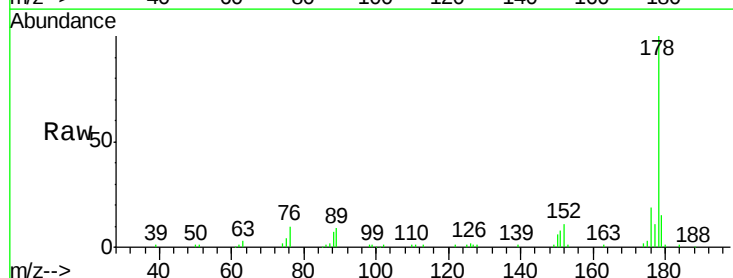
Tgt Ion:178 Resp: 109339

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

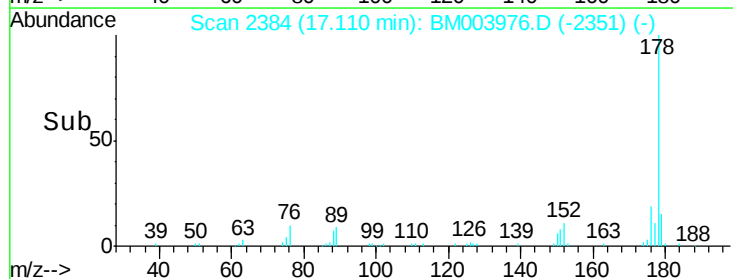
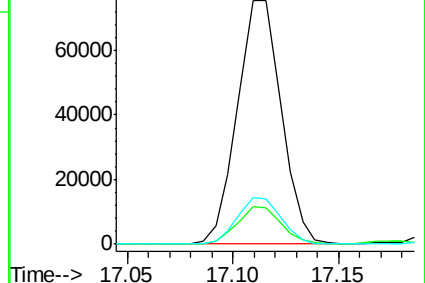
176 19.1 15.6 23.4

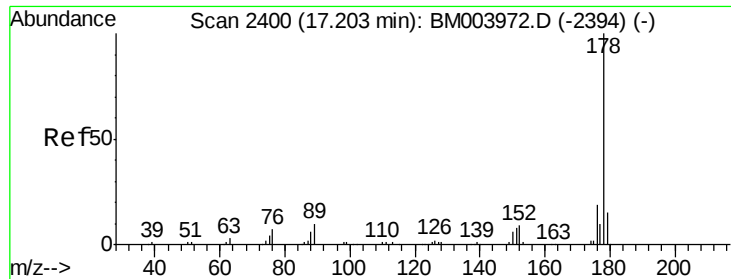


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.11 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

ClientSampleId :

BC9B5

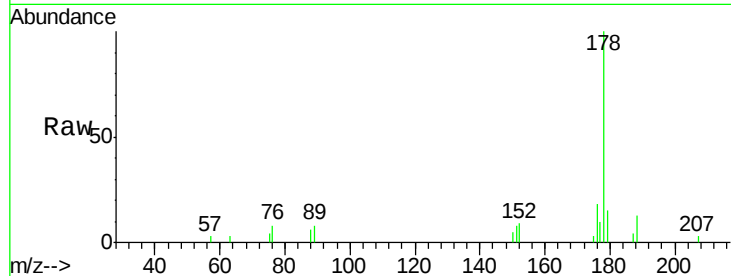
Tgt Ion:178 Resp: 17671

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

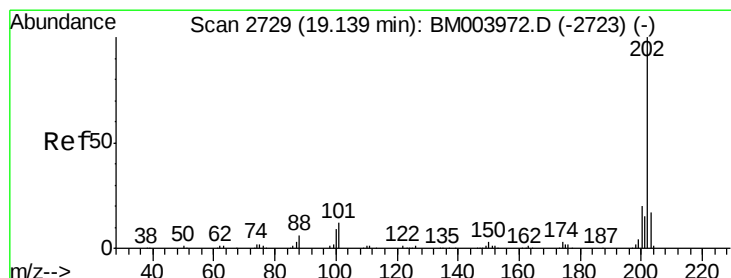
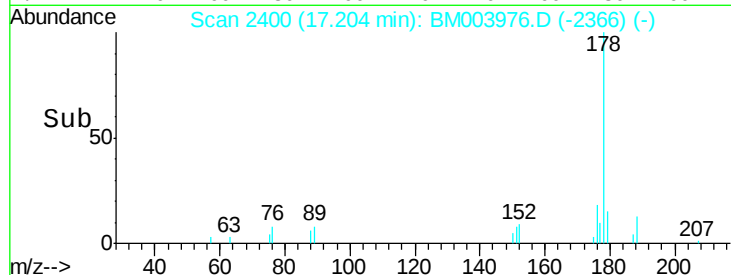
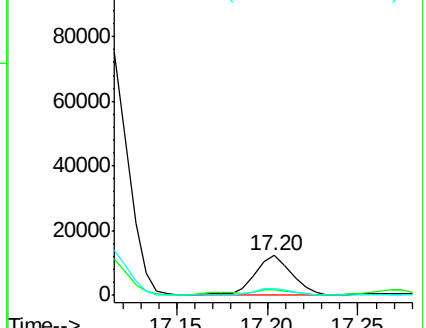
176 18.1 14.8 22.2



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: 13.17 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

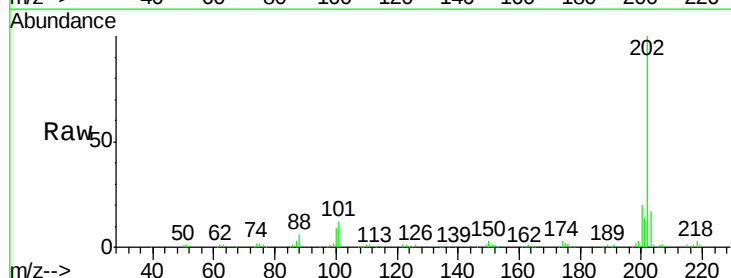
Tgt Ion:202 Resp: 211807

Ion Ratio Lower Upper

202 100

101 11.6 8.8 13.2

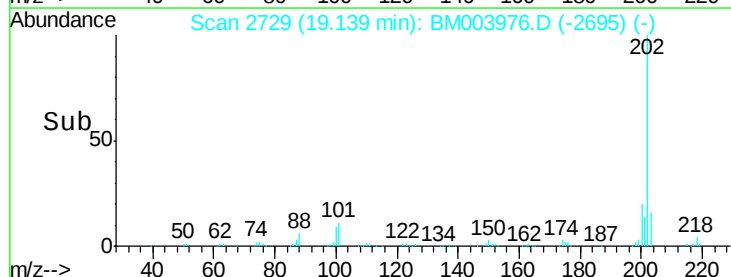
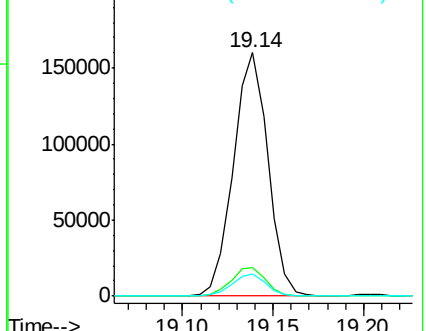
100 9.1 6.6 9.8

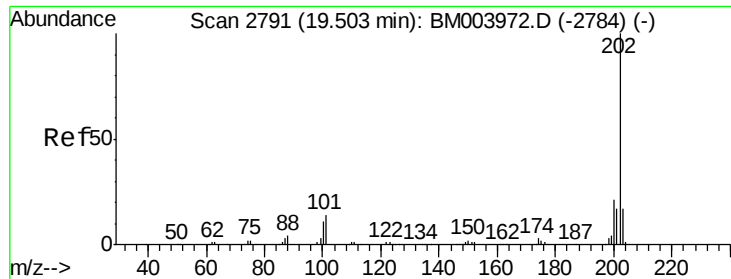


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

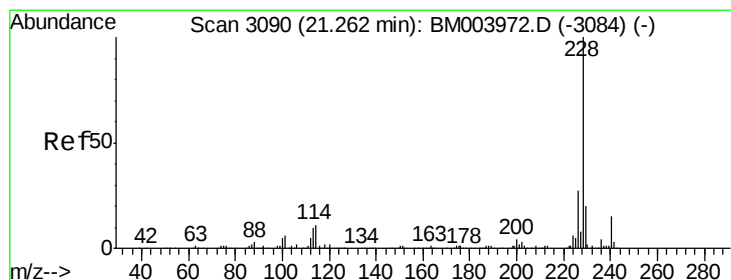
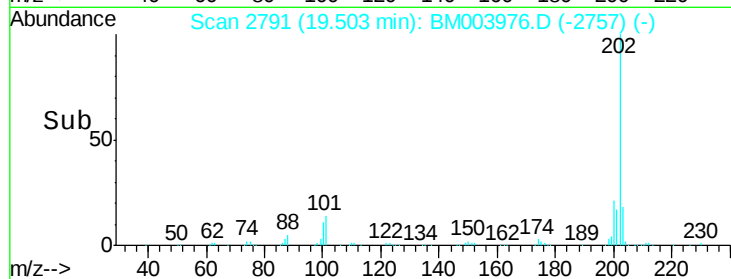
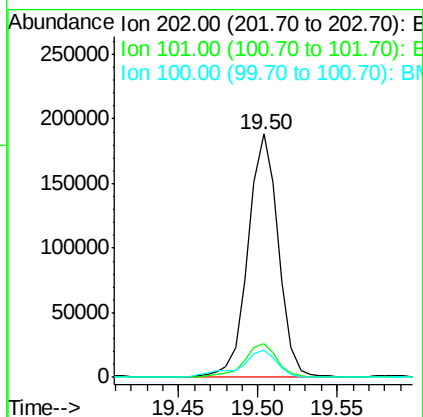
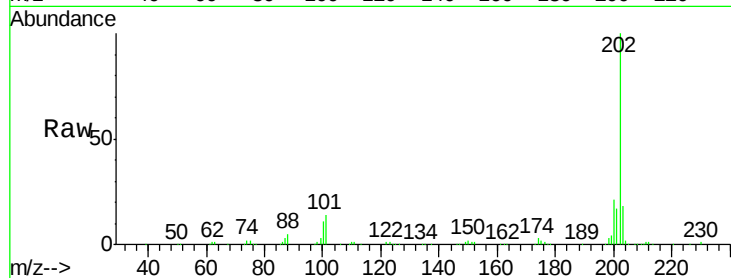




#80
 Pyrene
 Concen: 13.54 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

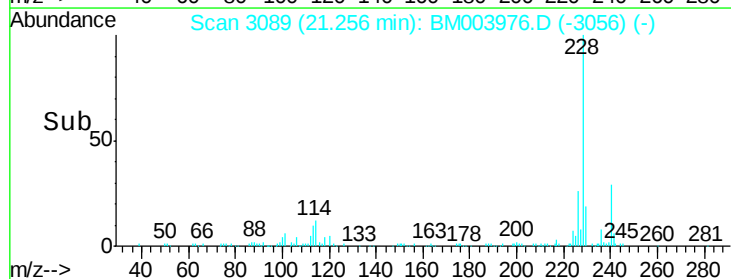
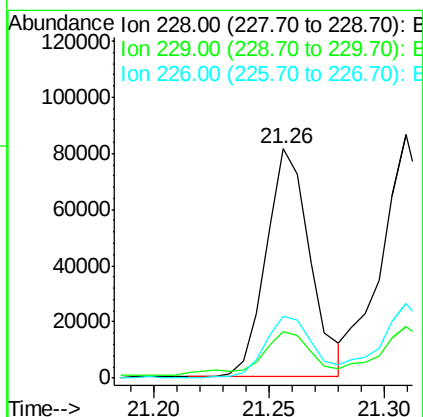
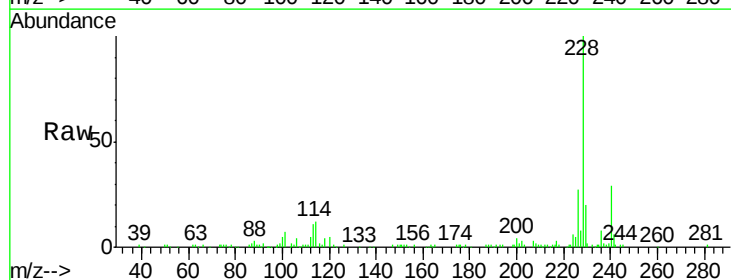
Instrument :
 BNA_M
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 BC9B5

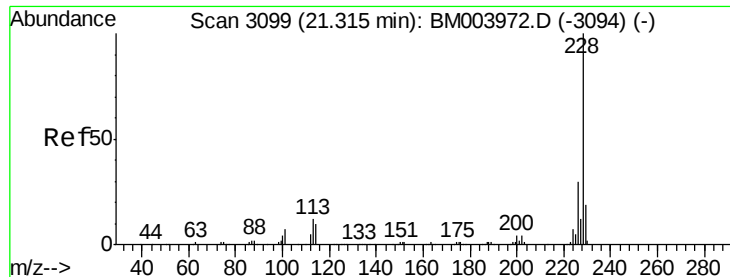
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.2	15.2
100	11.4	8.5	12.7



#83
 Benzo(a)anthracene
 Concen: 6.59 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.0	21.8	32.6





#85

Chrysene

Concen: 7.84 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

ClientSampleId :

BC9B5

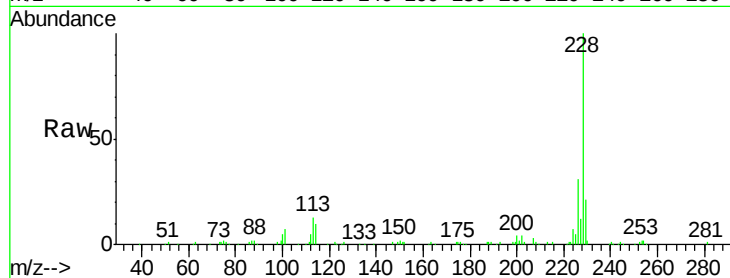
Tgt Ion:228 Resp: 121285

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

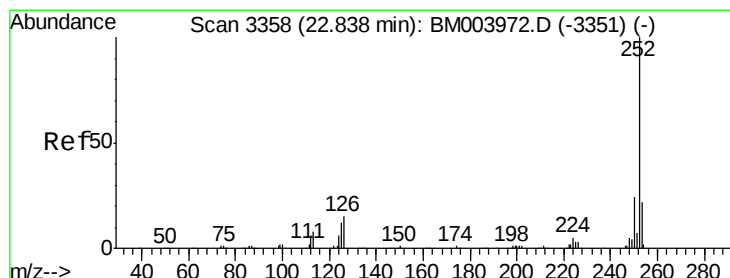
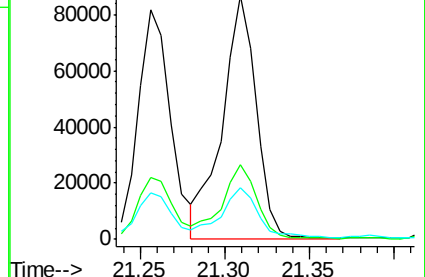
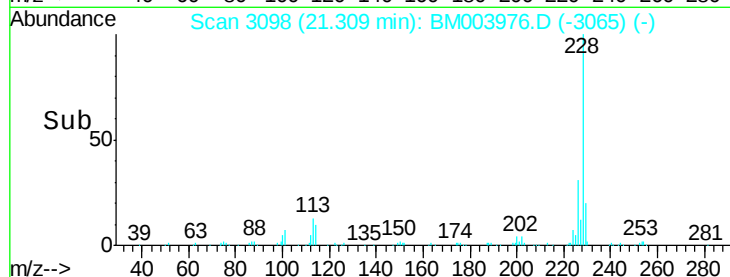
229 21.1 15.6 23.4



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



#88

Benzo(b)fluoranthene

Concen: 8.11 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

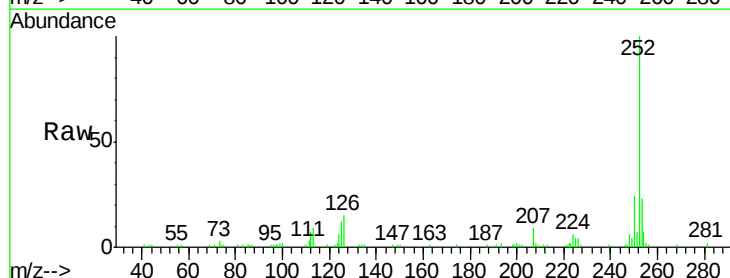
Tgt Ion:252 Resp: 107615

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

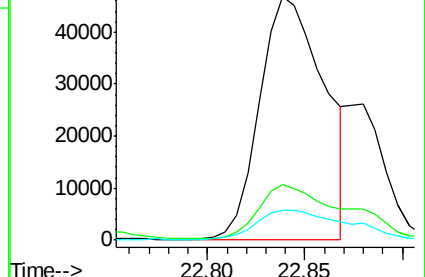
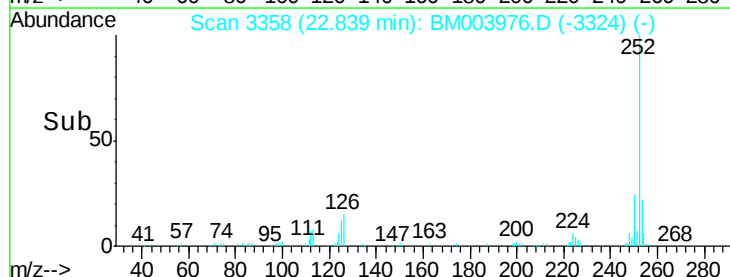
125 12.3 8.5 12.7

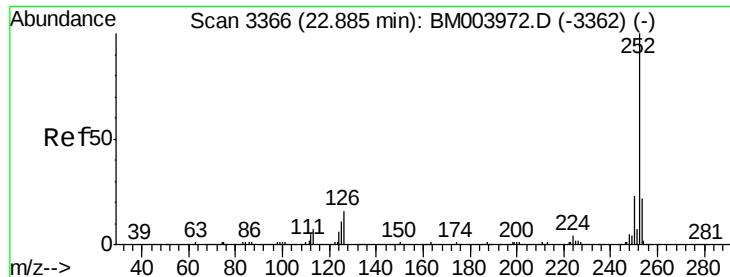


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.18 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

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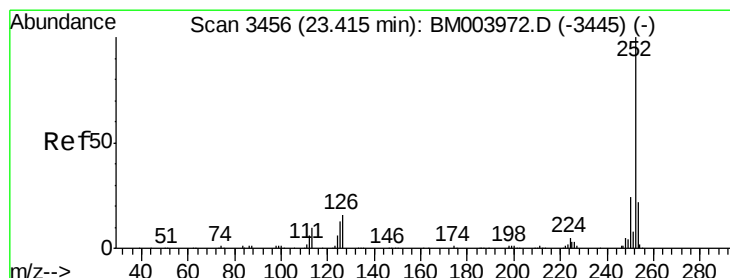
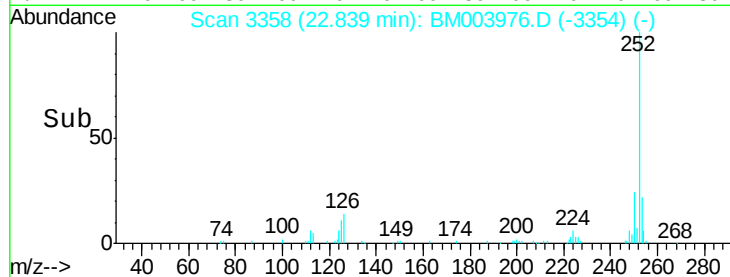
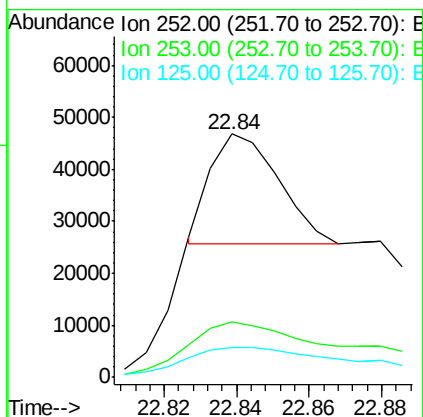
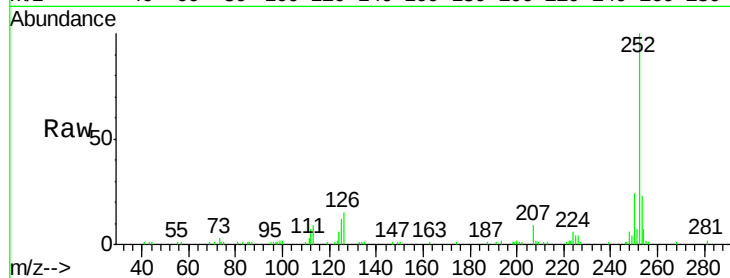
Tgt Ion:252 Resp: 27483

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 12.3 8.2 12.2#



#91

Benzo(a)pyrene

Concen: 6.36 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

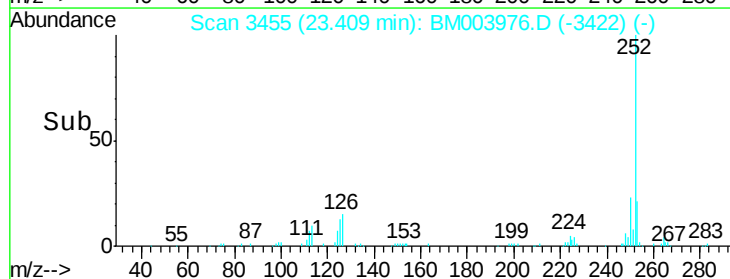
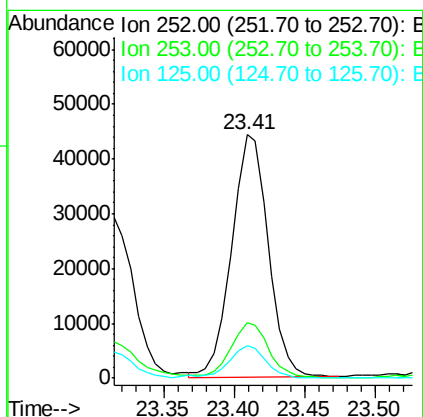
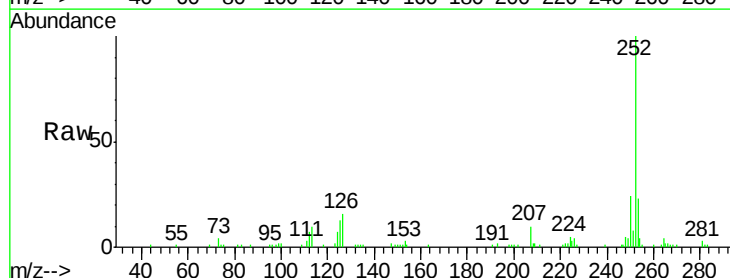
Tgt Ion:252 Resp: 80072

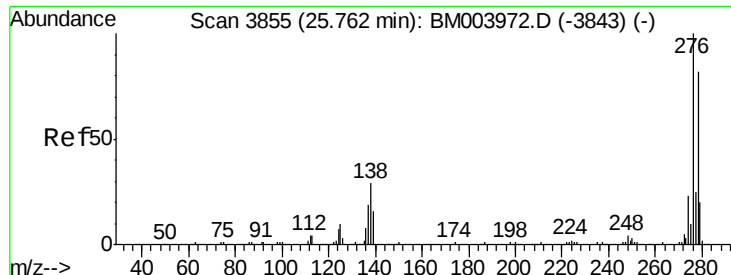
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 13.1 9.0 13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.06 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

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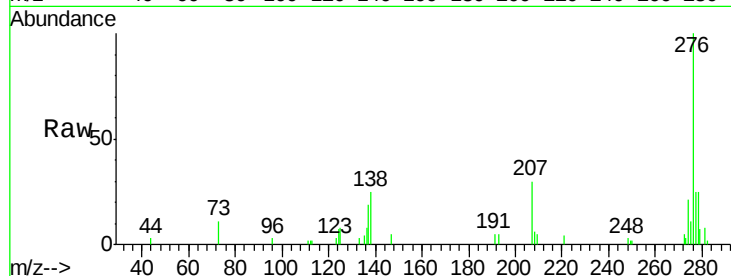
Tgt Ion:276 Resp: 42556

Ion Ratio Lower Upper

276 100

138 25.2 22.3 33.5

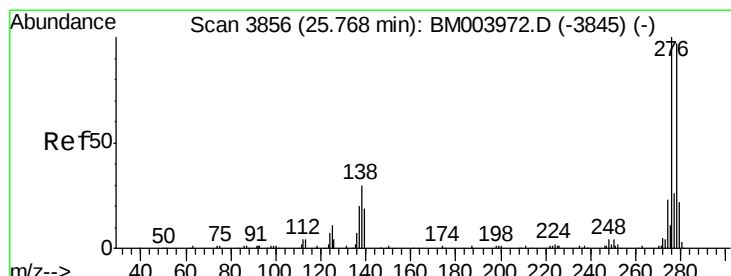
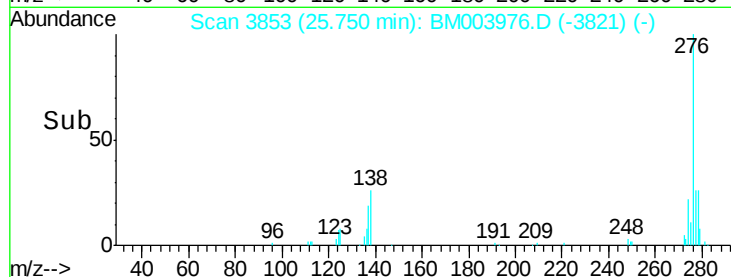
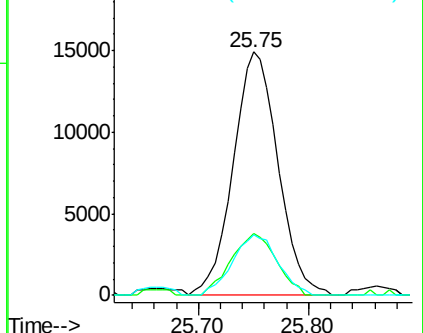
277 24.7 20.2 30.2



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



#93

Dibenzo(a,h)anthracene

Concen: 1.10 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

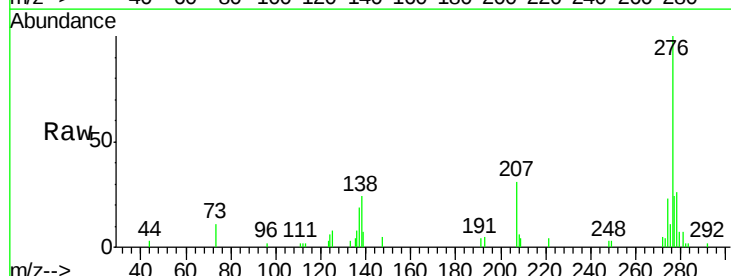
Tgt Ion:278 Resp: 12813

Ion Ratio Lower Upper

278 100

139 26.5 13.9 20.9#

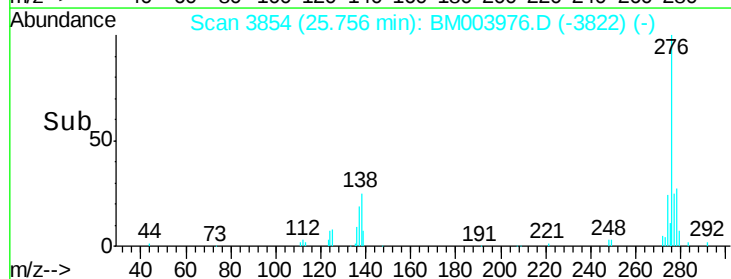
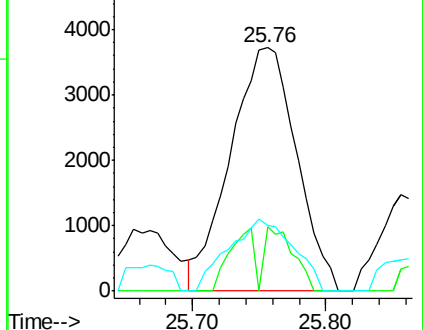
279 27.1 19.0 28.4

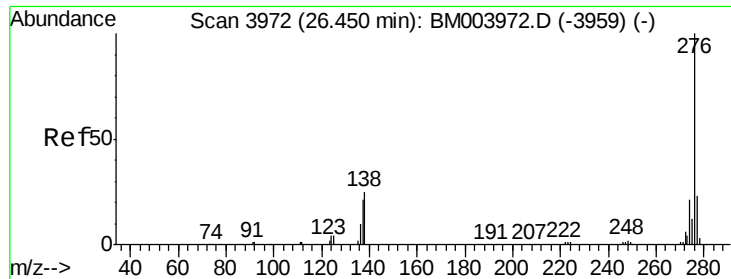


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 3.50 ng/ul

RT: 26.44 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

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ClientSampleId :

BC9B5

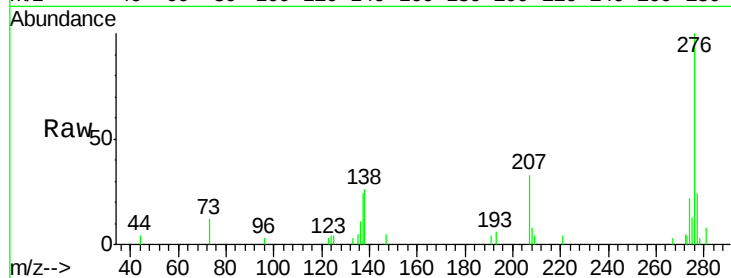
Tgt Ion: 276 Resp: 40951

Ion Ratio Lower Upper

276 100

138 25.6 18.9 28.3

277 24.3 19.2 28.8



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

