

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
 Data File : BM003975.D
 Acq On : 13 Jan 2016 03:54
 Operator : SJ/UM
 Sample : H1095-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9B4

Quant Time: Jan 13 06:49:06 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	36806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	179317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	110112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	251479	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	280065	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	238728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3389	4.12	ng/uL	0.00
5) Phenol-d5	6.85	99	76803	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49202	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	66872	26.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	59793	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33504	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	36146	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	63511	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	82251	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	223953	25.91	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	279796	26.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	28023	18.05	ng/ul	0.00
58) Fluorene-d10	15.32	176	203386	27.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25731	18.14	ng/ul	0.00
71) Anthracene-d10	17.17	188	315001	27.08	ng/ul	0.00
79) Pyrene-d10	19.47	212	363688	25.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	338269	28.37	ng/ul	0.00

Target Compounds

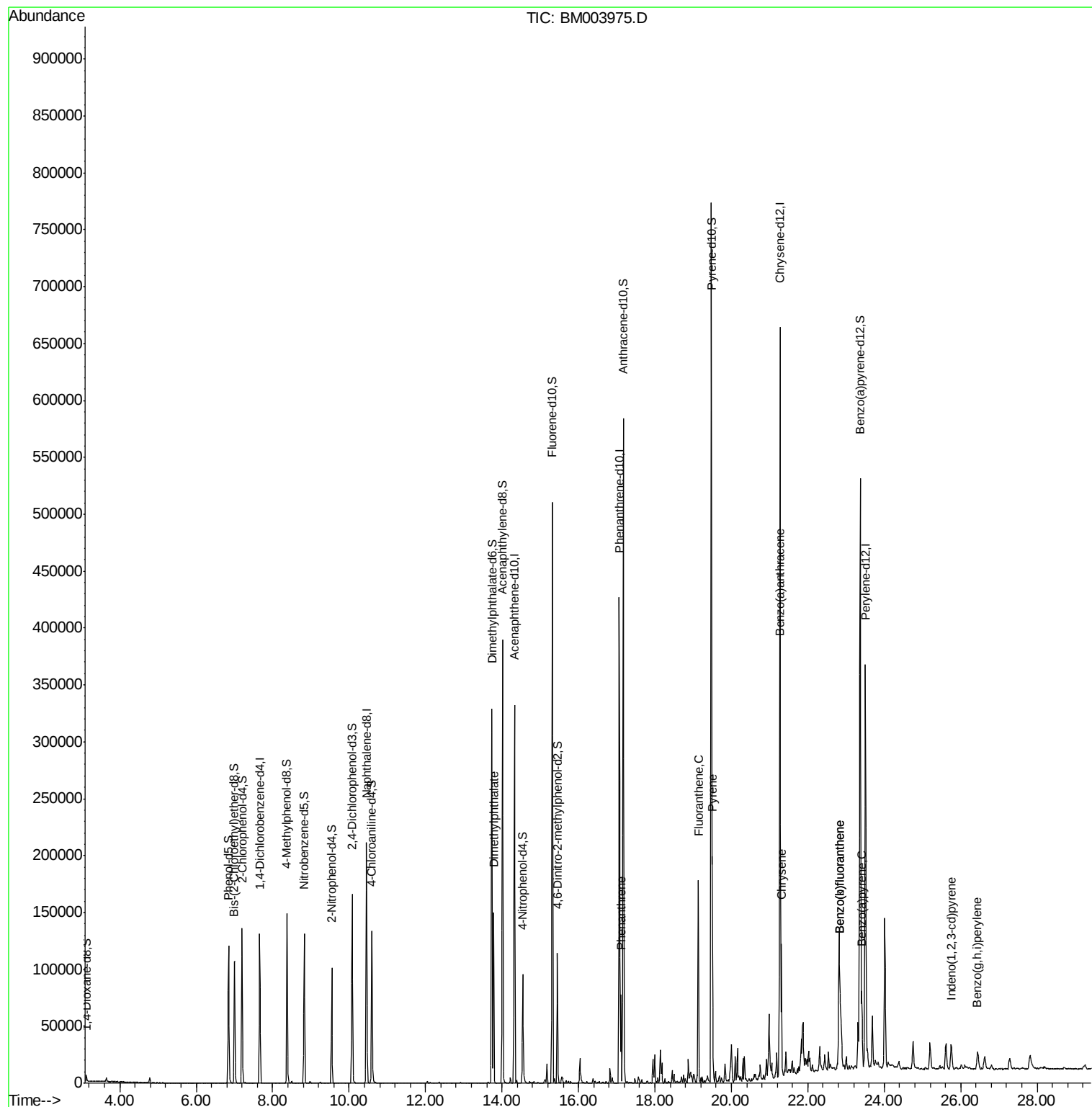
					Qvalue
45) Dimethylphthalate	13.78	163	98309	11.16 ng/ul	100
70) Phenanthrene	17.11	178	49125	3.47 ng/ul	99
77) Fluoranthene	19.14	202	105276	7.16 ng/ul	99
80) Pyrene	19.50	202	117965	6.21 ng/ul	98
83) Benzo(a)anthracene	21.26	228	57721	3.46 ng/ul	98
85) Chrysene	21.31	228	61957	3.91 ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	60486	4.17 ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	15554	1.13 ng/ul	98
91) Benzo(a)pyrene	23.41	252	45217	3.29 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.75	276	21572	1.42 ng/ul	95
94) Benzo(g,h,i)perylene	26.44	276	20156	1.58 ng/ul	100

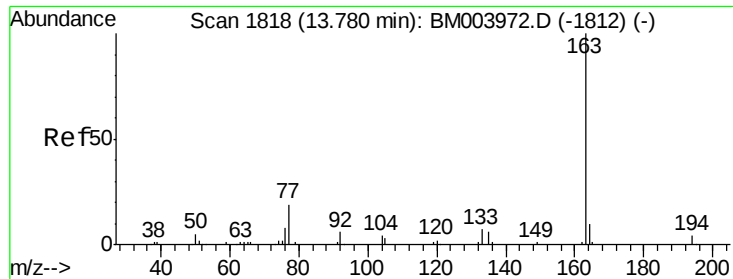
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 11.16 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

ClientSampleId :

BC9B4

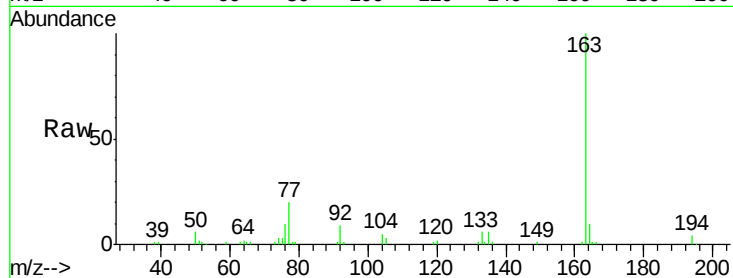
Tgt Ion:163 Resp: 98309

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

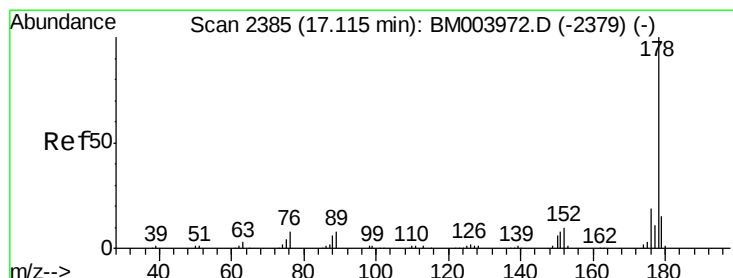
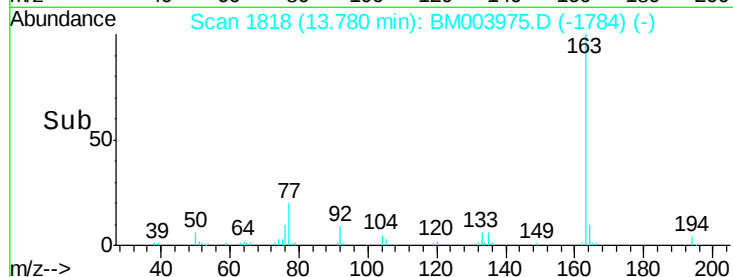
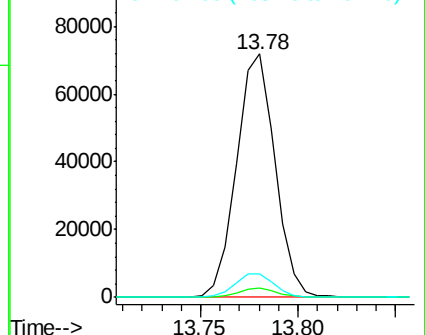
164 9.7 7.8 11.8



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: 3.47 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

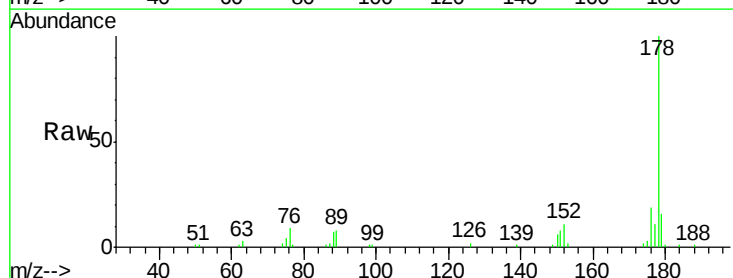
Tgt Ion:178 Resp: 49125

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

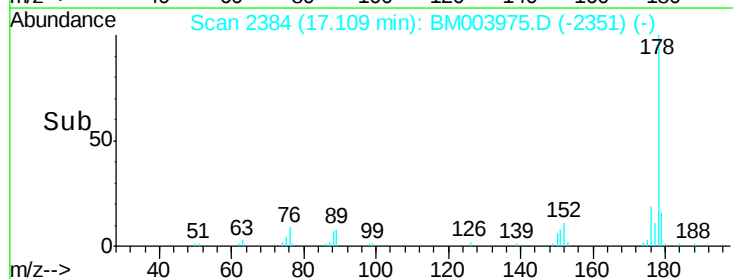
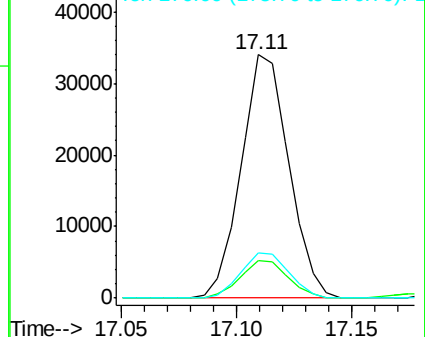
176 18.7 15.6 23.4

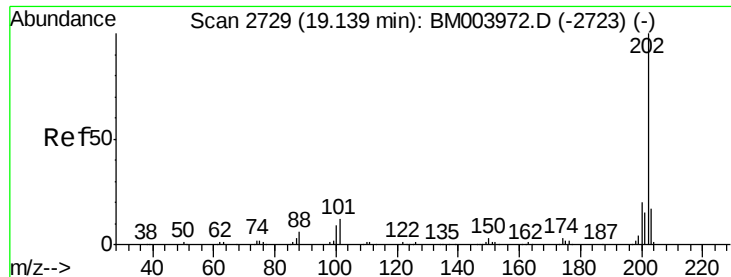


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

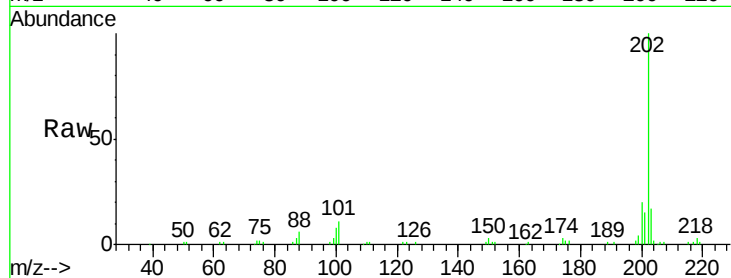




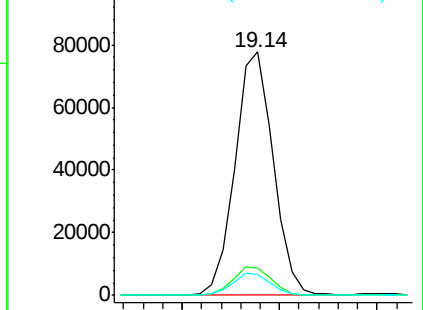
#77
Fluoranthene
Concen: 7.16 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM003975.D
Acq: 13 Jan 2016 03:54

Instrument :
BNA_M
ClientSampled :
BC9B4

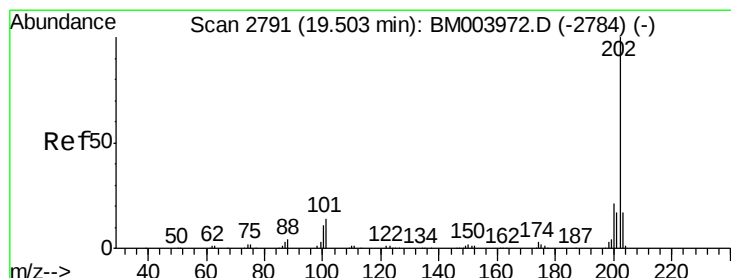
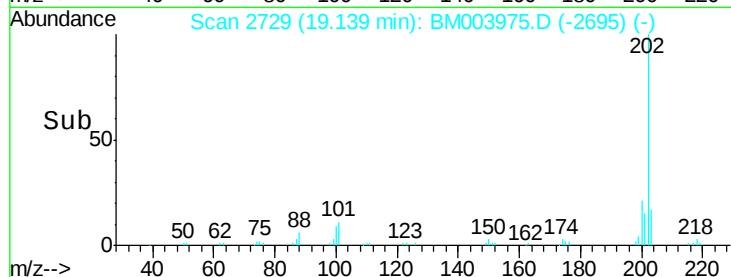
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.8	13.2
100	8.5	6.6	9.8



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

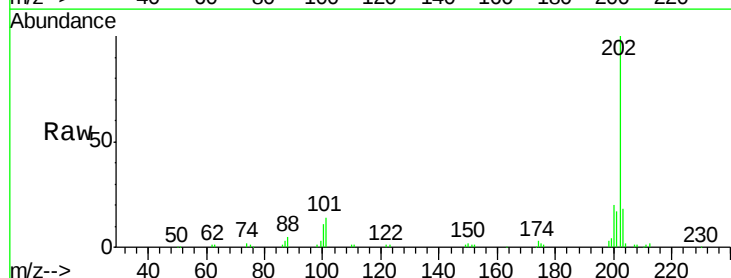


Time-->

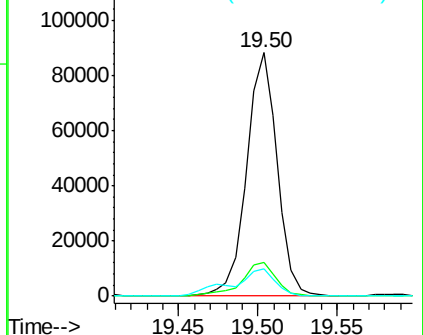


#80
Pyrene
Concen: 6.21 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM003975.D
Acq: 13 Jan 2016 03:54

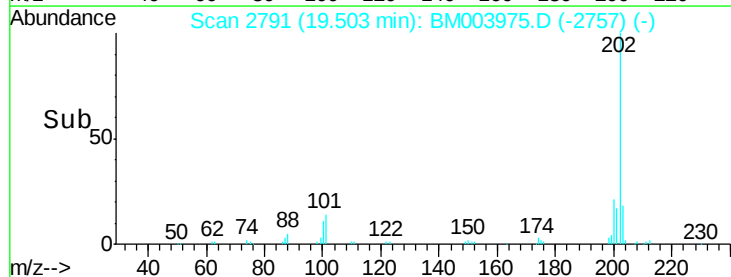
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.3	8.5	12.7

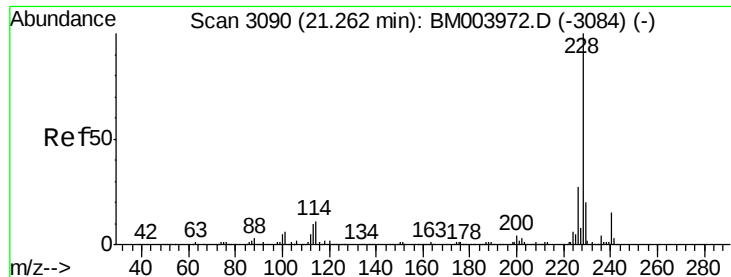


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 3.46 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

ClientSampleId :

BC9B4

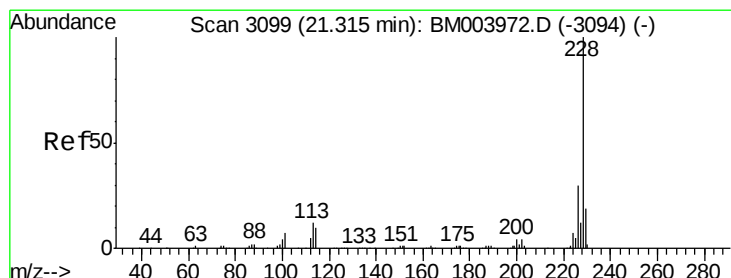
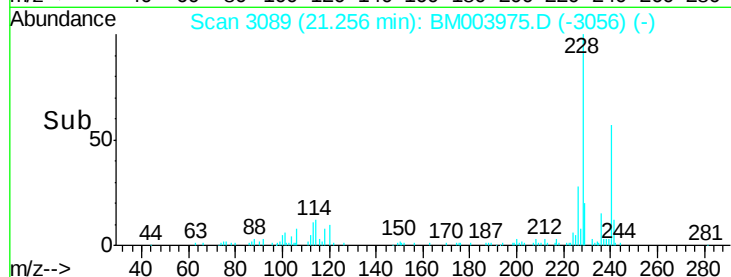
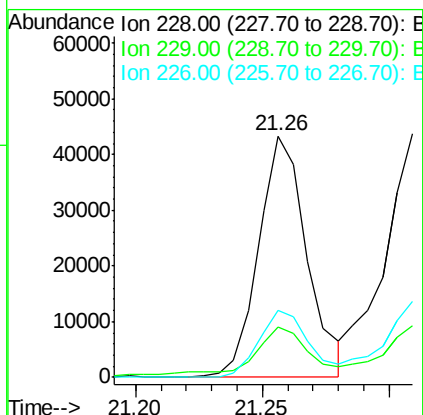
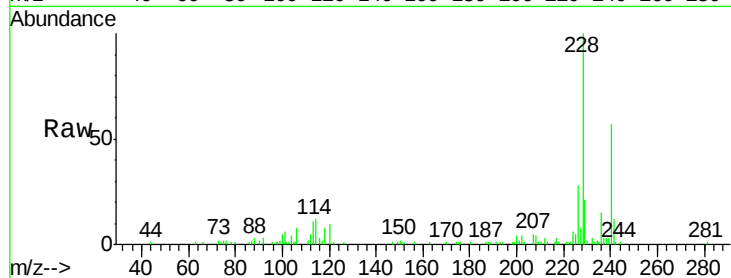
Tgt Ion:228 Resp: 57721

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

226 27.8 21.8 32.6



#85

Chrysene

Concen: 3.91 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

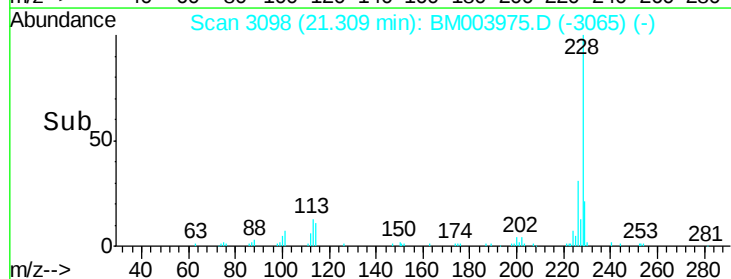
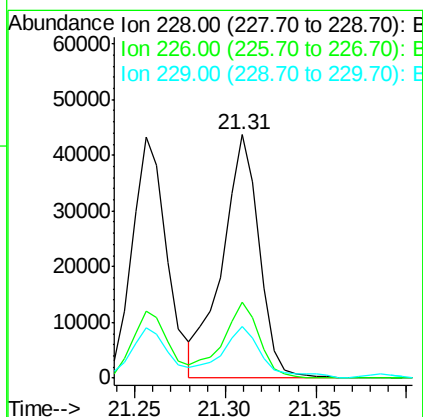
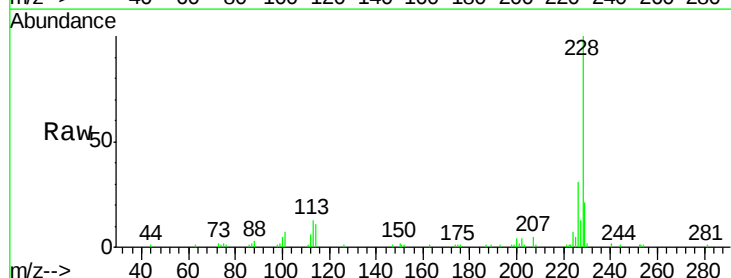
Tgt Ion:228 Resp: 61957

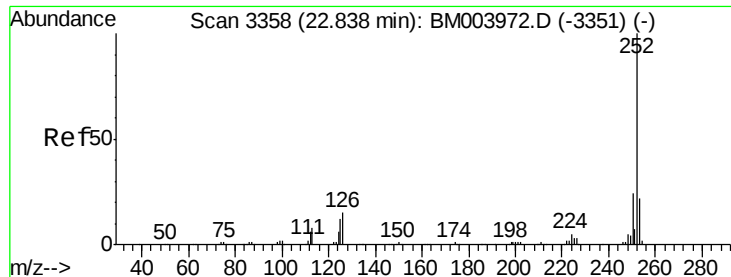
Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 21.3 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 4.17 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

BNA_M

ClientSampleId :

BC9B4

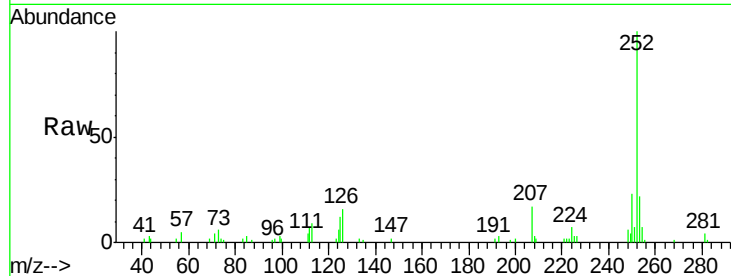
Tgt Ion:252 Resp: 60486

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

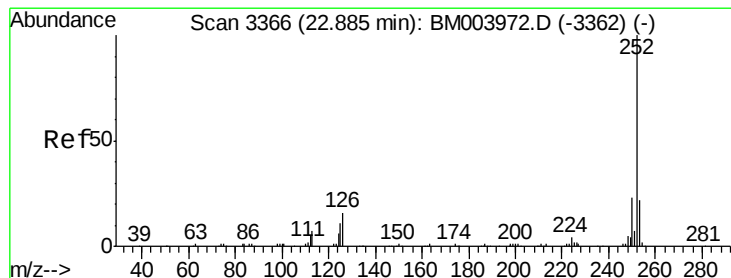
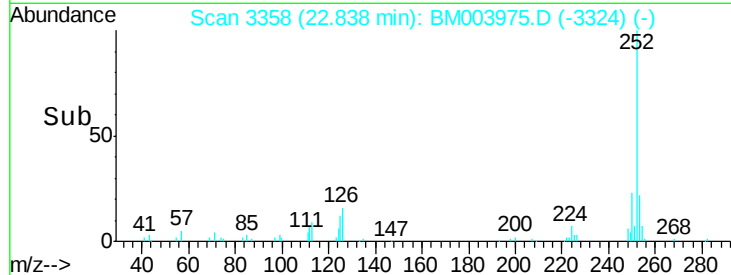
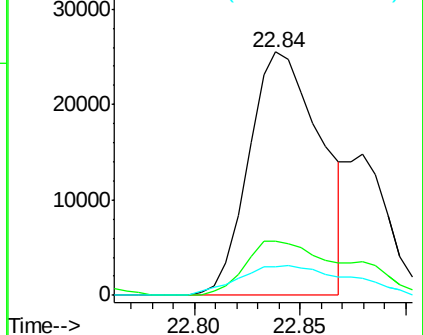
125 11.6 8.5 12.7



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: 1.13 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

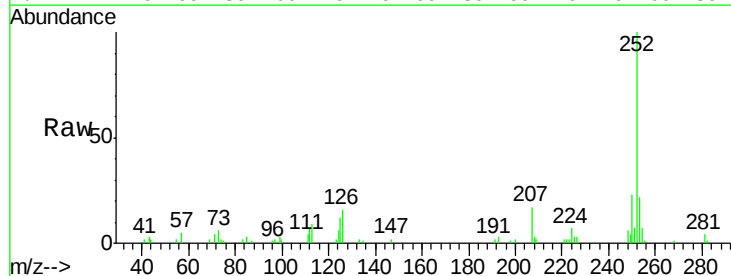
Tgt Ion:252 Resp: 15554

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

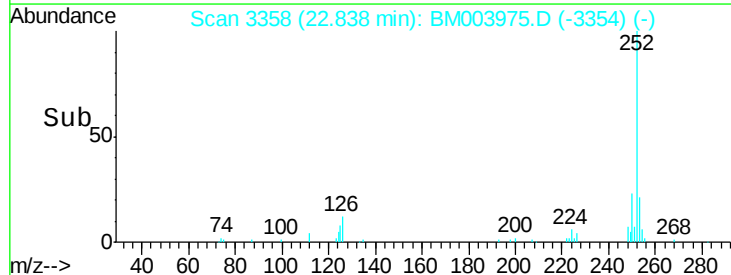
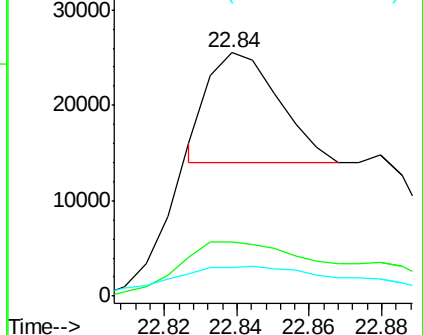
125 11.6 8.2 12.2

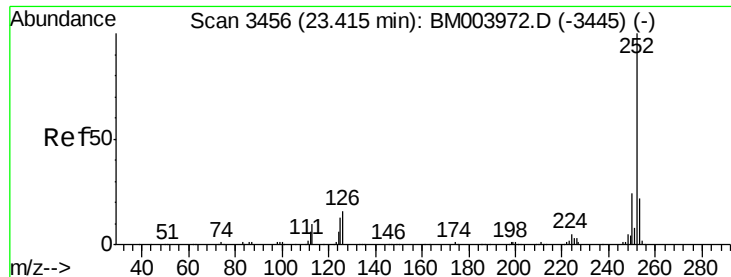


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.29 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

Instrument :

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ClientSampleId :

BC9B4

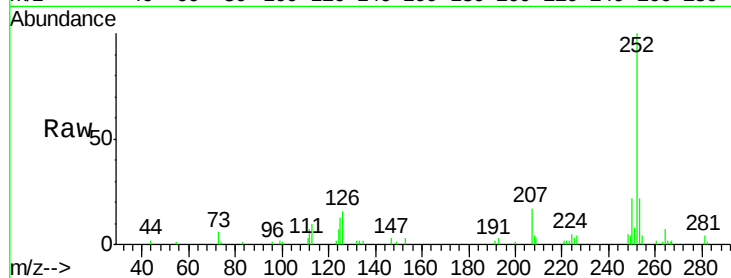
Tgt Ion:252 Resp: 45217

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

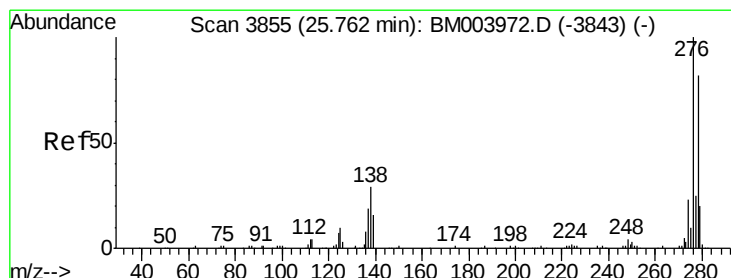
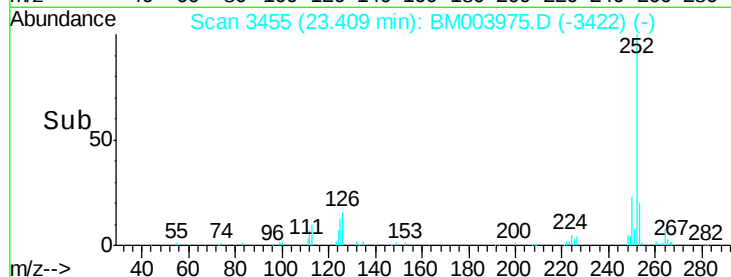
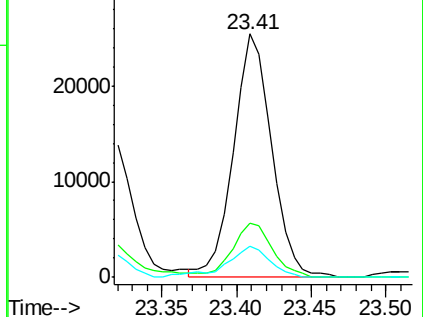
125 12.6 9.0 13.6



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: 1.42 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

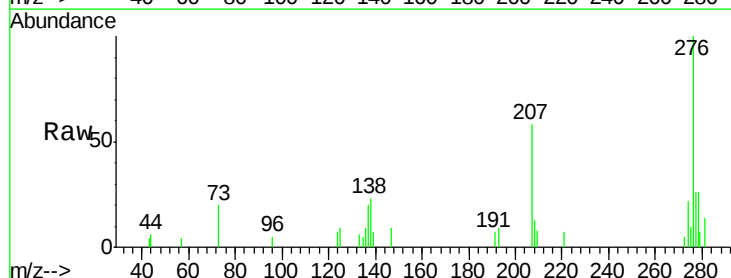
Tgt Ion:276 Resp: 21572

Ion Ratio Lower Upper

276 100

138 23.2 22.3 33.5

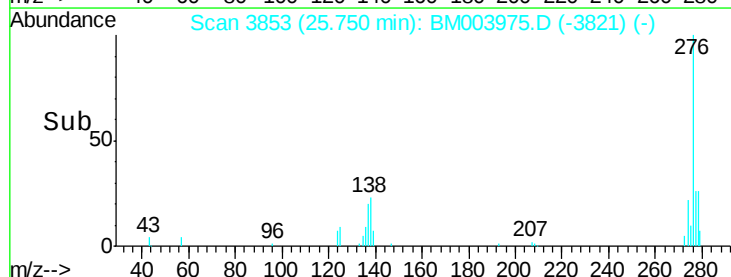
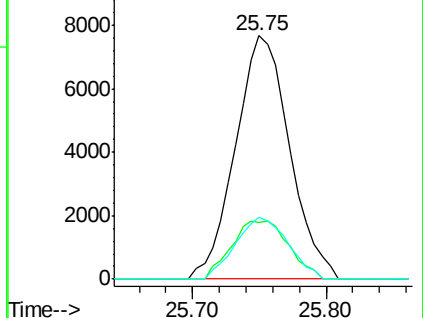
277 25.6 20.2 30.2

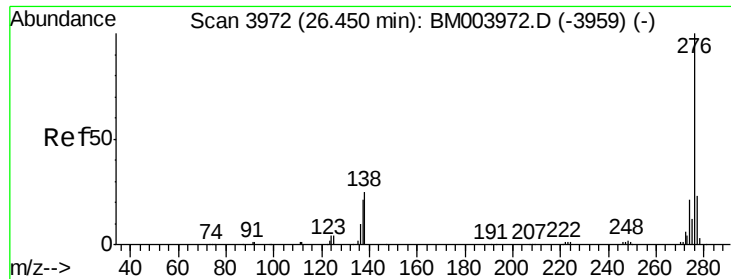


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 1.58 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM003975.D

Acq: 13 Jan 2016 03:54

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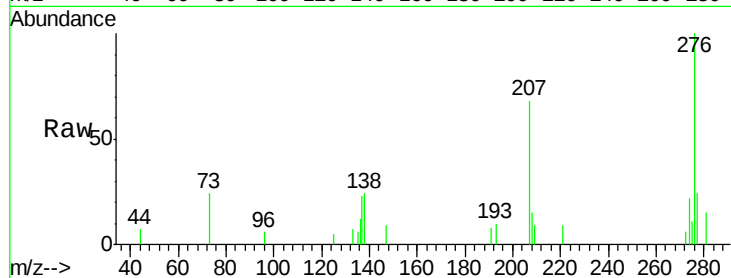
Tgt Ion: 276 Resp: 20156

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

277 24.2 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

