

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
 Data File : BM004001.D
 Acq On : 14 Jan 2016 01:41
 Operator : SJ/UM
 Sample : H1098-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC947

Quant Time: Jan 14 11:20:50 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	46985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	223874	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	130969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	293521	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	270738	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	220449	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5110	4.87	ng/uL	0.00
5) Phenol-d5	6.84	99	125910	32.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	73467	33.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	105964	33.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	100691	31.85	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	53814	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	59916	32.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	106724	32.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	147324	33.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	362271	35.23	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	444781	35.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	58102	31.46	ng/ul	0.00
58) Fluorene-d10	15.32	176	318122	36.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	47249	28.55	ng/ul	0.00
71) Anthracene-d10	17.17	188	495685	36.51	ng/ul	0.00
79) Pyrene-d10	19.47	212	536723	38.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	424097	38.52	ng/ul	0.00

Target Compounds

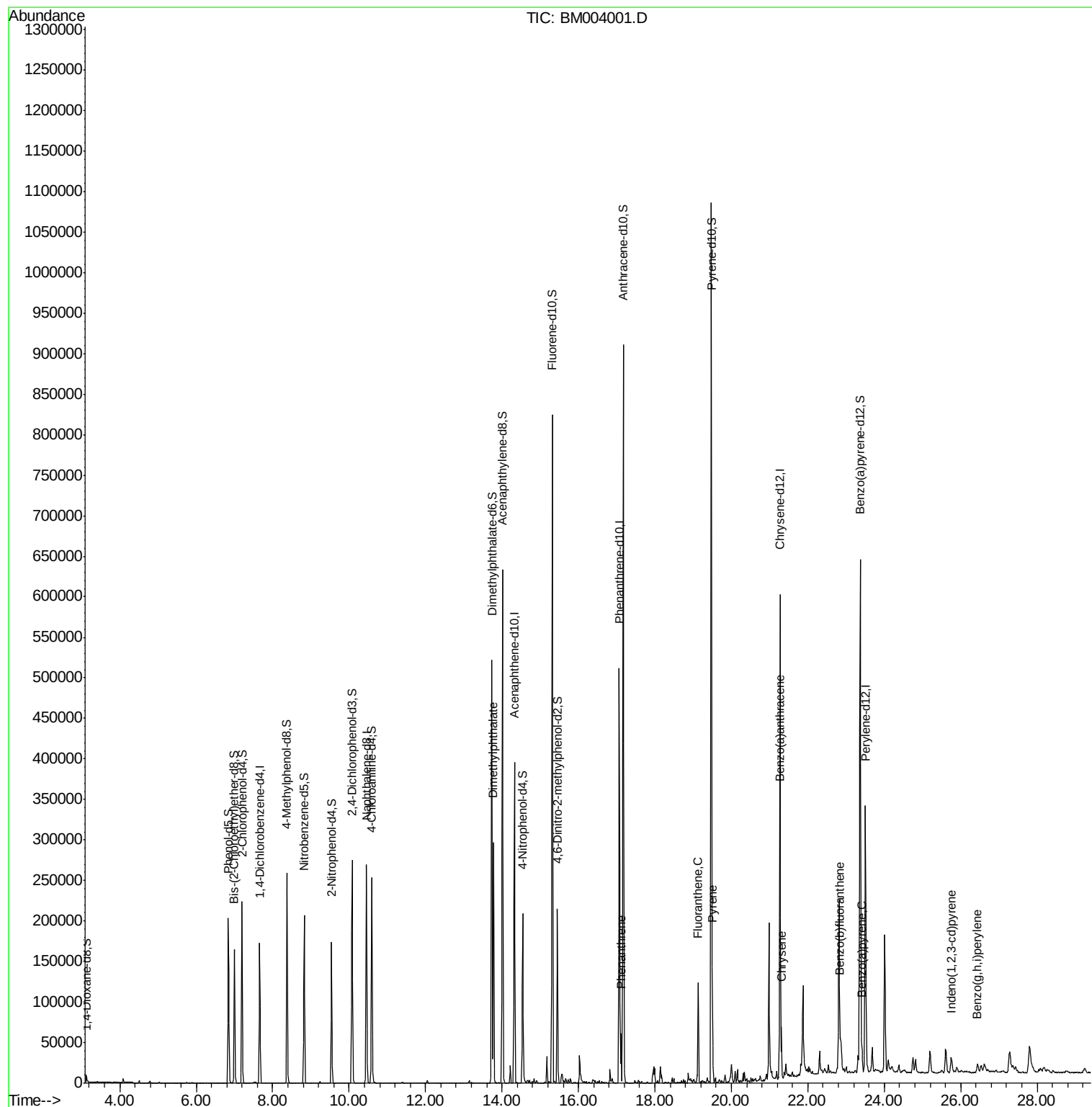
						Qvalue
45) Dimethylphthalate	13.78	163	195753	18.67	ng/ul	99
70) Phenanthrene	17.11	178	38425	2.33	ng/ul	100
77) Fluoranthene	19.13	202	75060	4.38	ng/ul	97
80) Pyrene	19.50	202	77555	4.22	ng/ul	100
83) Benzo(a)anthracene	21.26	228	33036	2.05	ng/ul	99
85) Chrysene	21.31	228	35210	2.30	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	34452	2.57	ng/ul#	97
91) Benzo(a)pyrene	23.41	252	25217	1.98	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	14630	1.04	ng/ul	95
94) Benzo(g,h,i)perylene	26.44	276	13962	1.18	ng/ul	99

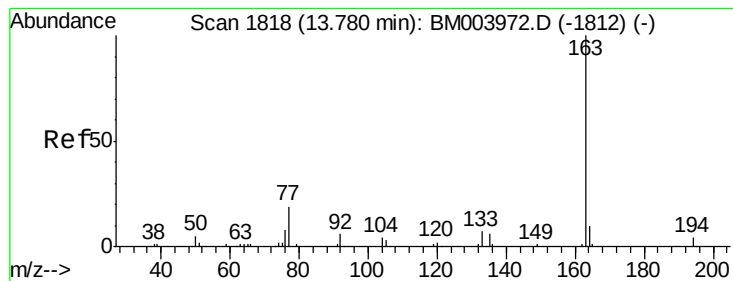
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 18.67 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

Instrument :

BNA_M

ClientSampleId :

BC947

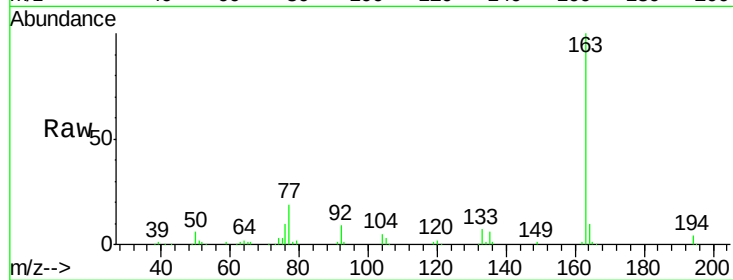
Tgt Ion:163 Resp: 195753

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

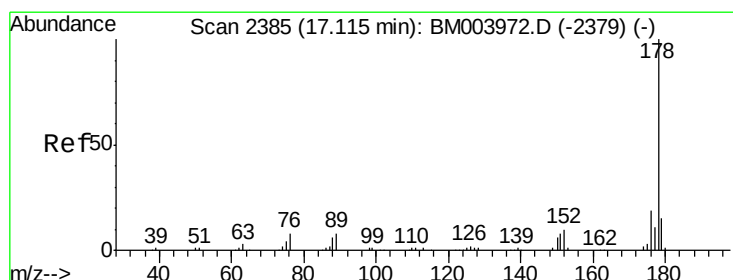
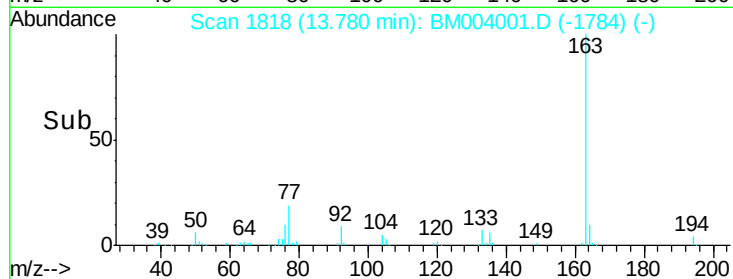
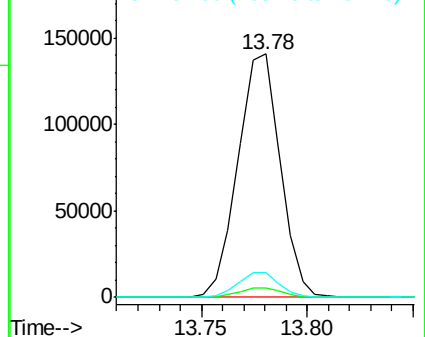
164 10.1 7.8 11.8



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: 2.33 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

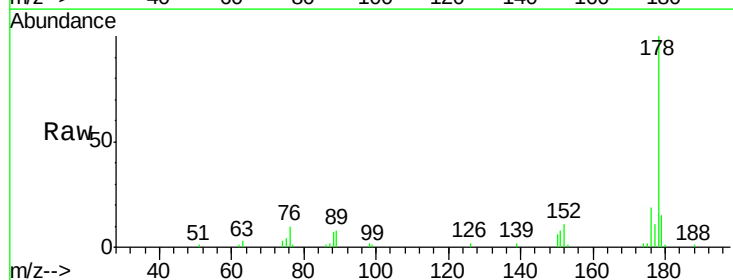
Tgt Ion:178 Resp: 38425

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

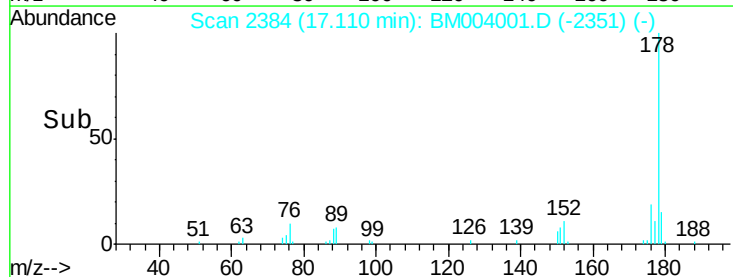
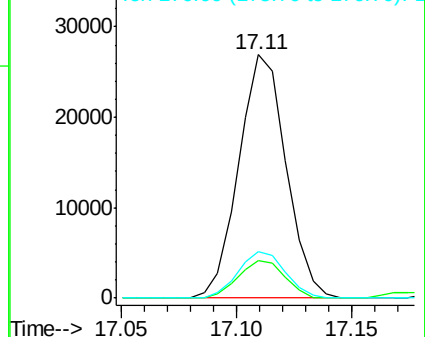
176 19.3 15.6 23.4

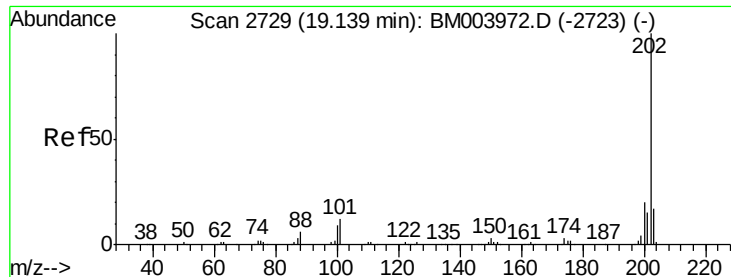


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

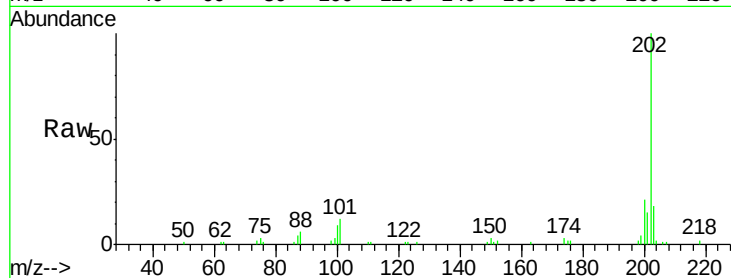




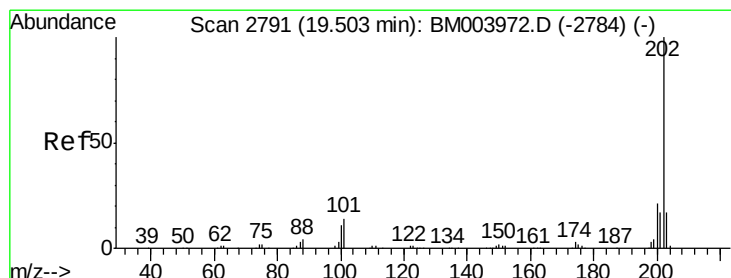
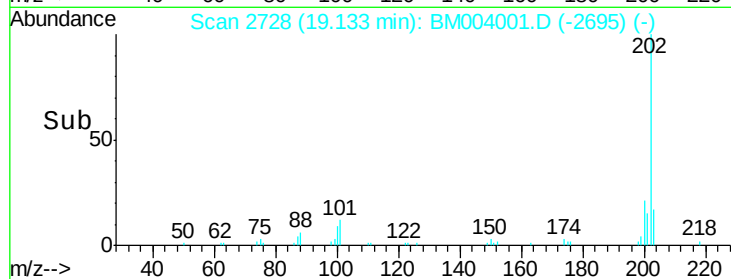
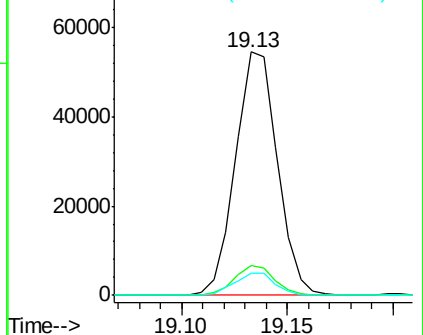
#77
 Fluoranthene
 Concen: 4.38 ng/ul
 RT: 19.13 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM004001.D
 Acq: 14 Jan 2016 01:41

Instrument :
 BNA_M
 ClientSampleId :
 BC947

Tgt Ion: 202 Resp: 75060
 Ion Ratio Lower Upper
 202 100
 101 12.2 8.8 13.2
 100 8.9 6.6 9.8

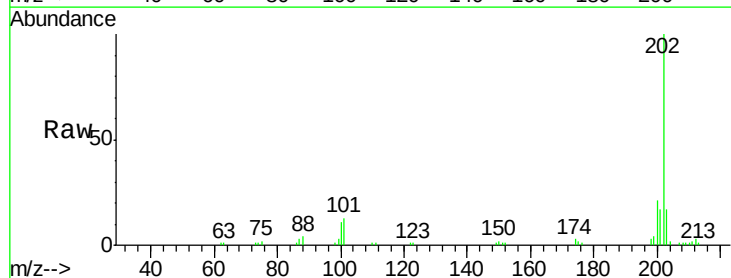


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

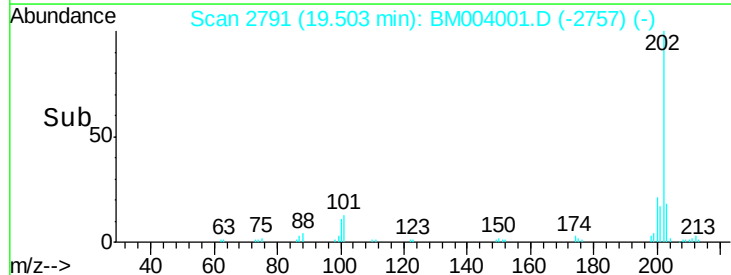
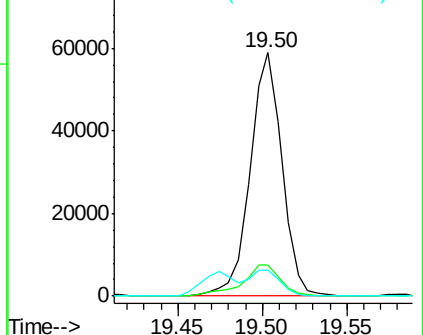


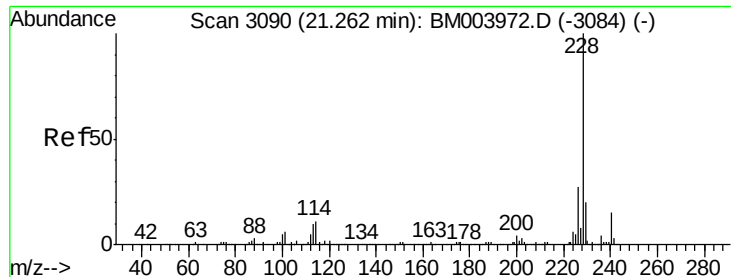
#80
 Pyrene
 Concen: 4.22 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004001.D
 Acq: 14 Jan 2016 01:41

Tgt Ion: 202 Resp: 77555
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.2 15.2
 100 10.6 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: 2.05 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

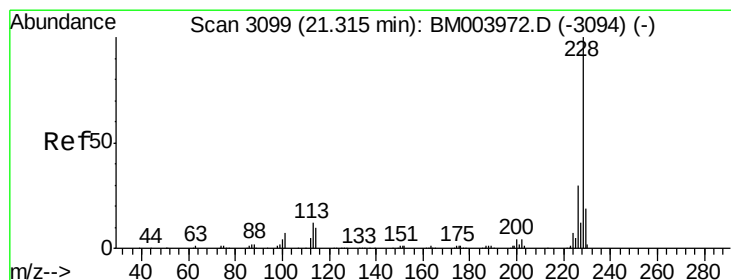
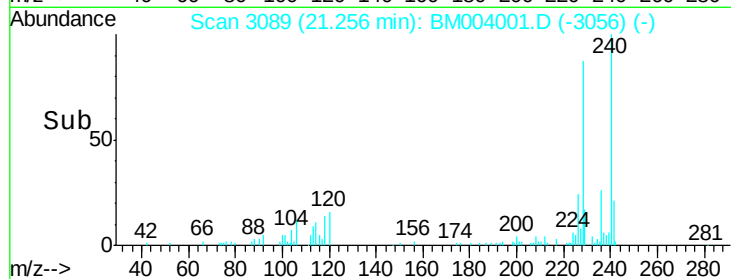
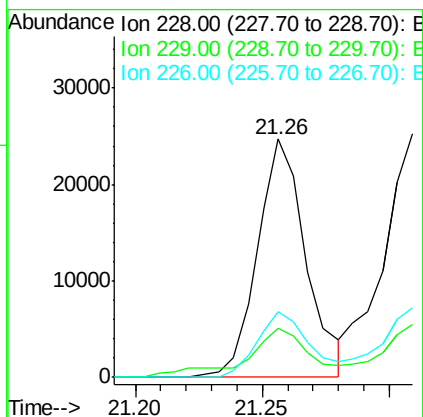
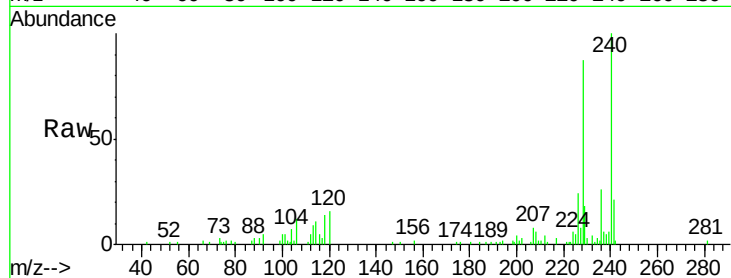
Instrument :

BNA_M

ClientSampleId :

BC947

Tgt Ion:	228	Resp:	33036
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.4	21.8	32.6



#85

Chrysene

Concen: 2.30 ng/ul

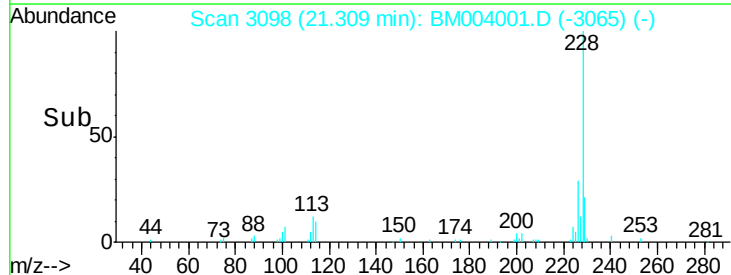
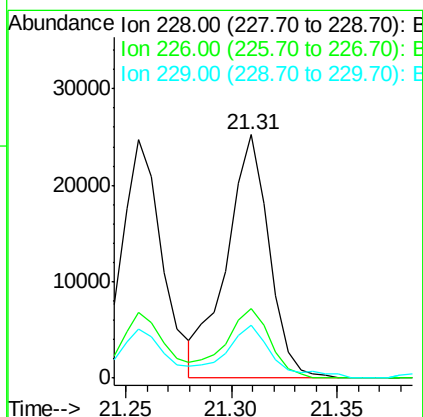
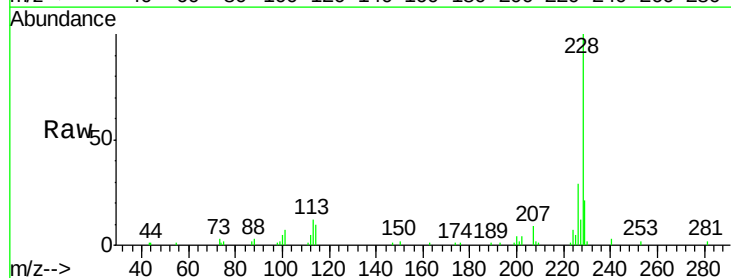
RT: 21.31 min Scan# 3098

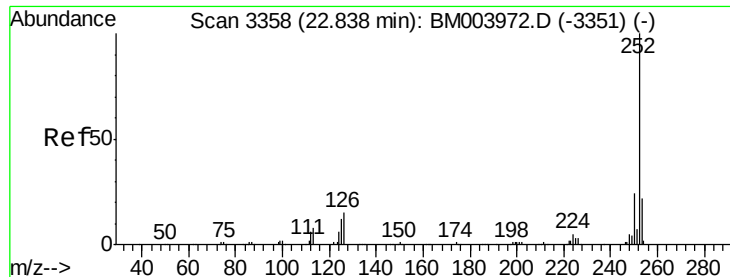
Delta R.T. -0.01 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

Tgt Ion:	228	Resp:	35210
Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.5	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 2.57 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

Instrument :

BNA_M

ClientSampleId :

BC947

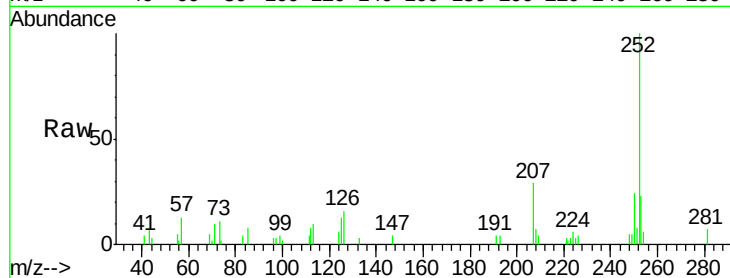
Tgt Ion:252 Resp: 34452

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

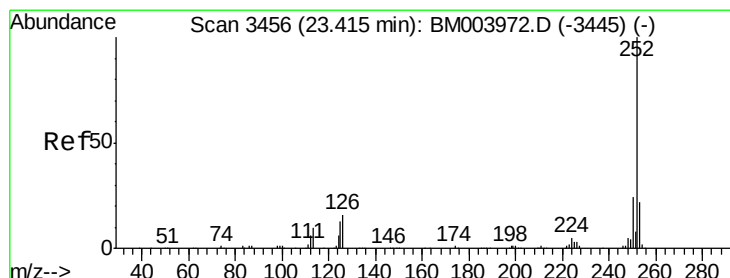
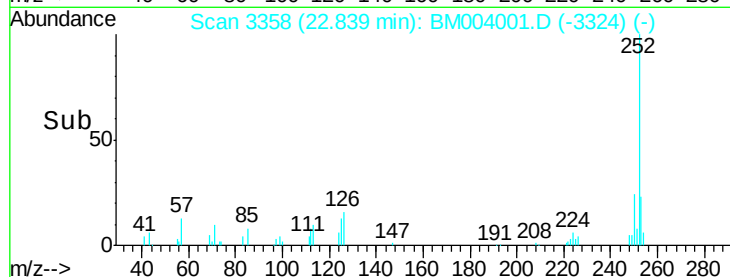
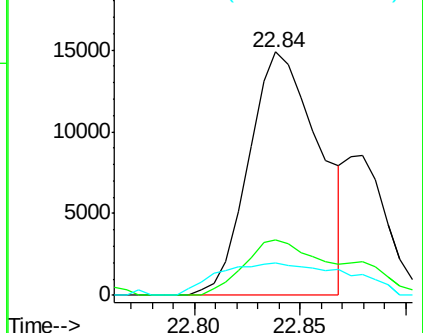
125 13.1 8.5 12.7#



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



#91

Benzo(a)pyrene

Concen: 1.98 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

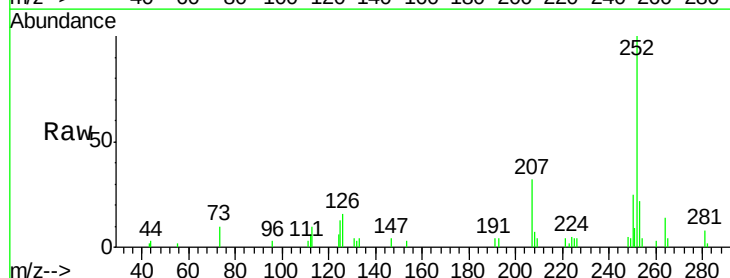
Tgt Ion:252 Resp: 25217

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

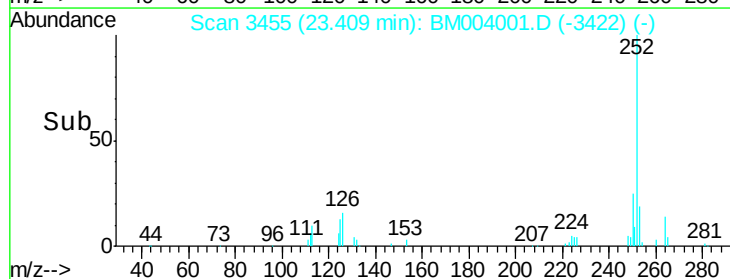
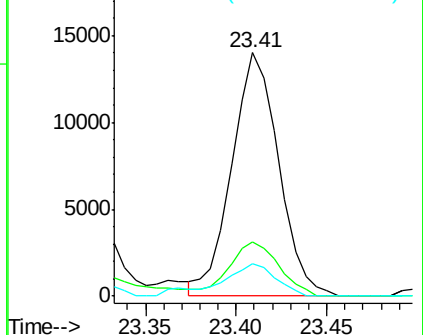
125 13.4 9.0 13.6

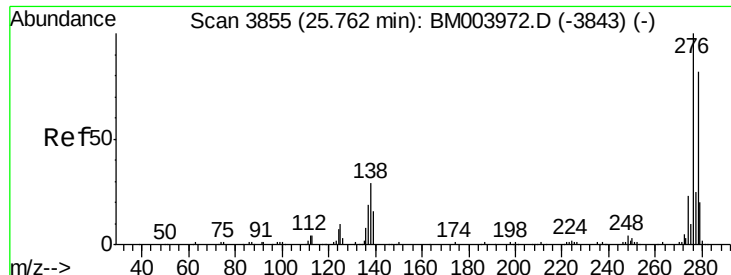


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.04 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM004001.D

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Instrument :

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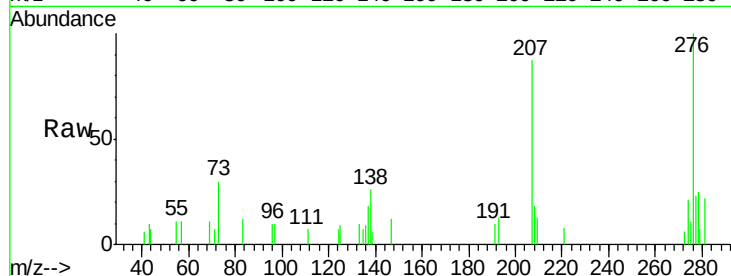
Tgt Ion:276 Resp: 14630

Ion Ratio Lower Upper

276 100

138 25.5 22.3 33.5

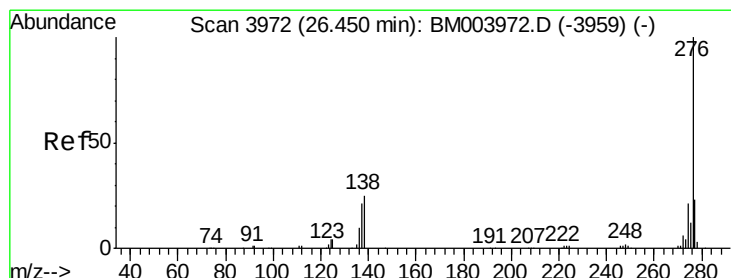
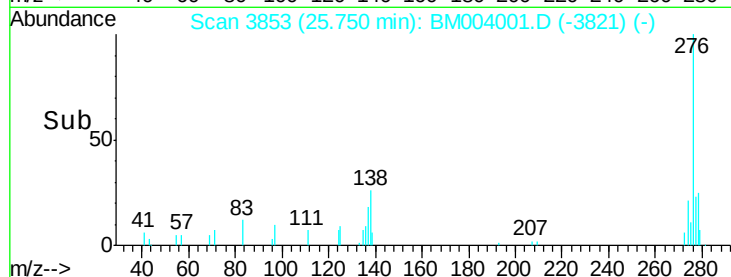
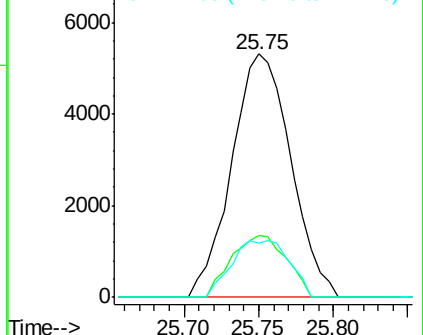
277 22.5 20.2 30.2



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: 1.18 ng/ul

RT: 26.44 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BM004001.D

Acq: 14 Jan 2016 01:41

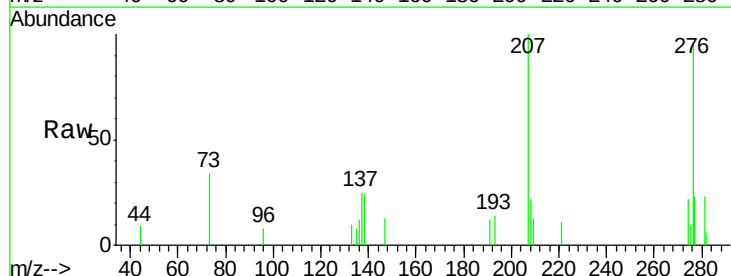
Tgt Ion:276 Resp: 13962

Ion Ratio Lower Upper

276 100

138 24.8 18.9 28.3

277 23.9 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

