

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
 Data File : BM003974.D
 Acq On : 13 Jan 2016 03:18
 Operator : SJ/UM
 Sample : H1095-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC942

Quant Time: Jan 13 06:48:48 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	7.67	152	31712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	155655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	96151	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	225394	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	264263	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	251417	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2401	3.39	ng/uL	0.00
5) Phenol-d5	6.85	99	55410	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	36422	24.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	48050	22.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	37993	17.81	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	24093	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	26093	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	46821	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	59692	19.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	176385	23.37	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	212067	23.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	21510	15.87	ng/ul	0.00
58) Fluorene-d10	15.32	176	160954	25.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	20224	15.91	ng/ul	0.00
71) Anthracene-d10	17.17	188	259112	24.86	ng/ul	0.00
79) Pyrene-d10	19.47	212	312235	22.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	329855	26.27	ng/ul	0.00

Target Compounds

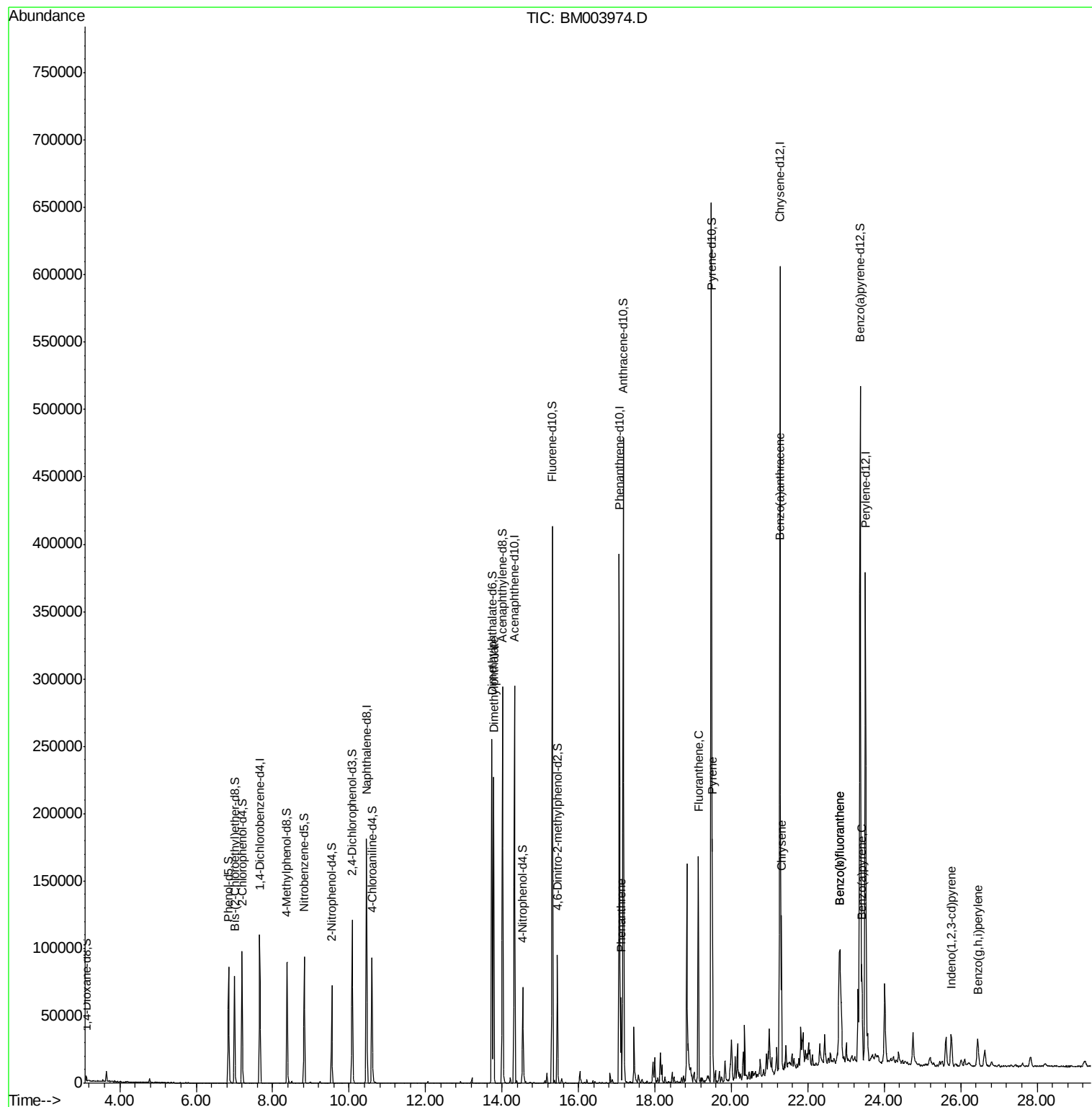
						Qvalue
45) Dimethylphthalate	13.78	163	150440	19.55	ng/ul	99
70) Phenanthrene	17.11	178	39441	3.11	ng/ul	100
77) Fluoranthene	19.14	202	97422	7.40	ng/ul	99
80) Pyrene	19.50	202	106215	5.92	ng/ul	99
83) Benzo(a)anthracene	21.26	228	58116	3.69	ng/ul	99
85) Chrysene	21.31	228	62824	4.20	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	70584	4.62	ng/ul	96
89) Benzo(k)fluoranthene	22.84	252	18271	1.26	ng/ul	96
91) Benzo(a)pyrene	23.41	252	49415	3.41	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.75	276	24577	1.53	ng/ul	97
94) Benzo(g,h,i)perylene	26.44	276	26743	1.99	ng/ul	98

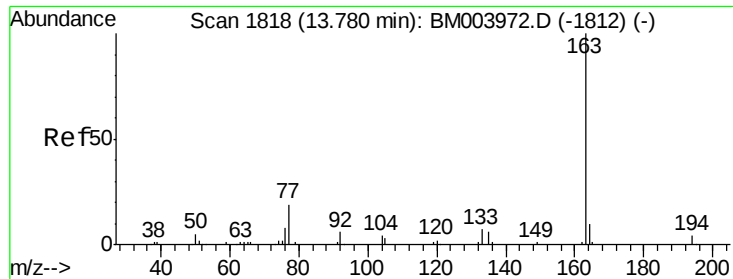
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 19.55 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

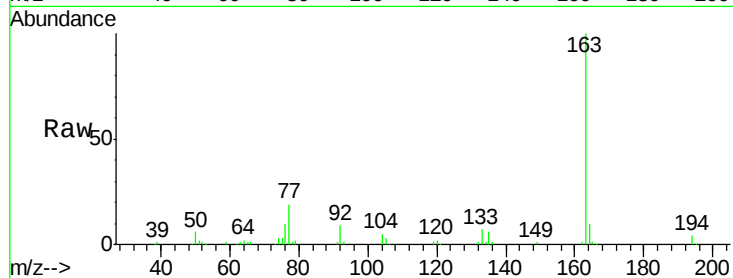
Instrument :

BNA_M

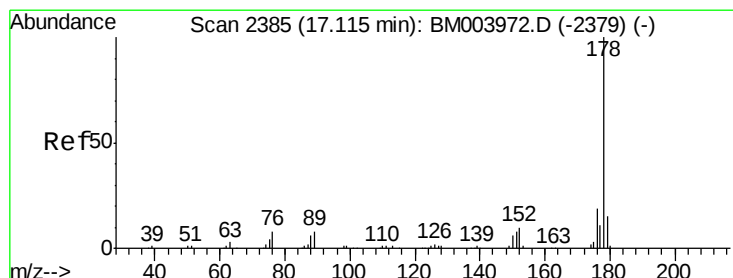
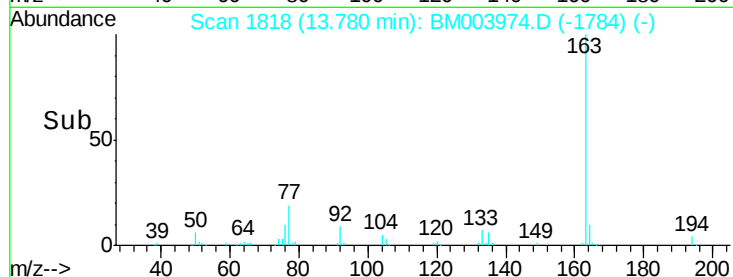
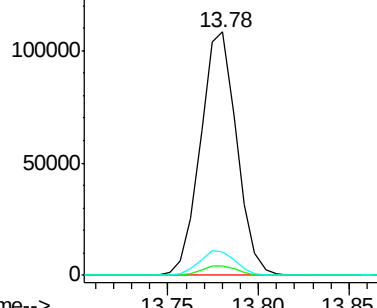
ClientSampleId :

BC942

Tgt Ion:	163	Resp:	150440
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.6	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: 3.11 ng/ul

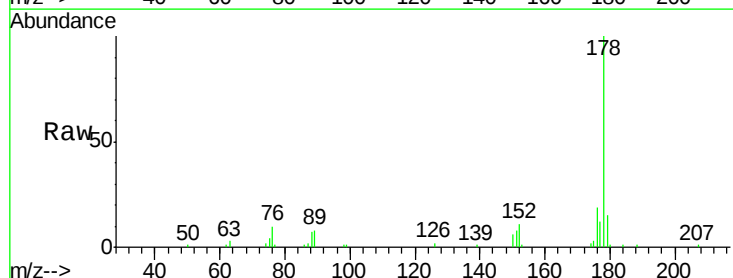
RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

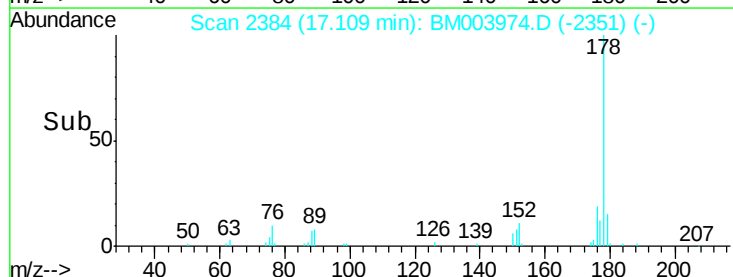
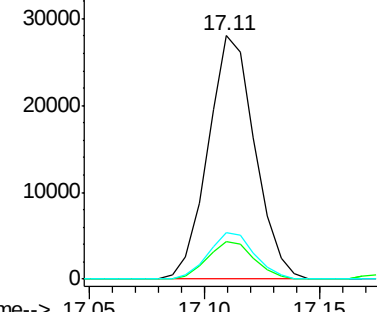
Lab File: BM003974.D

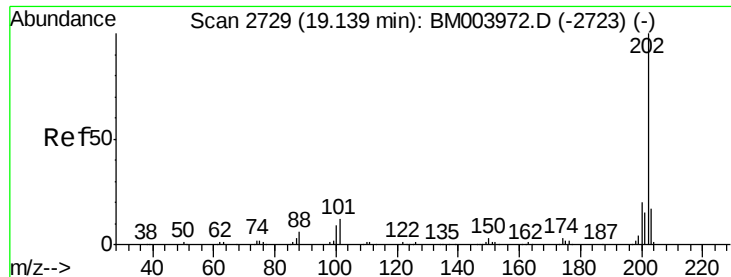
Acq: 13 Jan 2016 03:18

Tgt Ion:	178	Resp:	39441
Ion	Ratio	Lower	Upper
178	100		
179	15.3	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

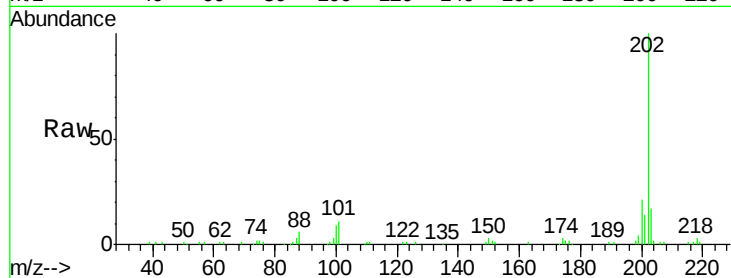




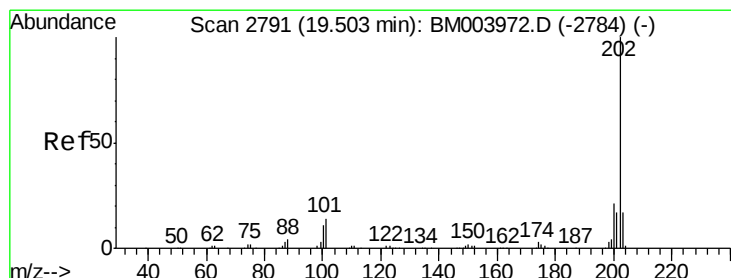
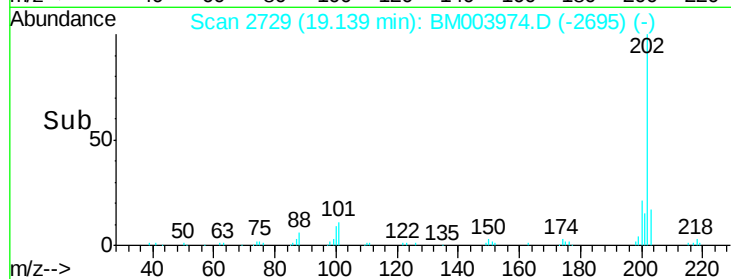
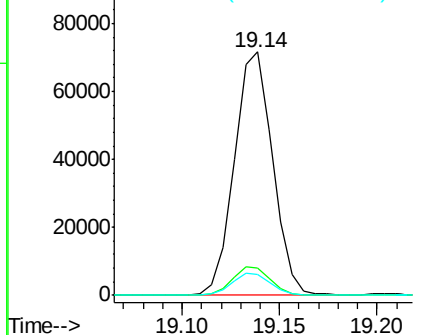
#77
 Fluoranthene
 Concen: 7.40 ng/ul
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM003974.D
 Acq: 13 Jan 2016 03:18

Instrument :
 BNA_M
 ClientSampleId :
 BC942

Tgt Ion:202 Resp: 97422
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.8 6.6 9.8

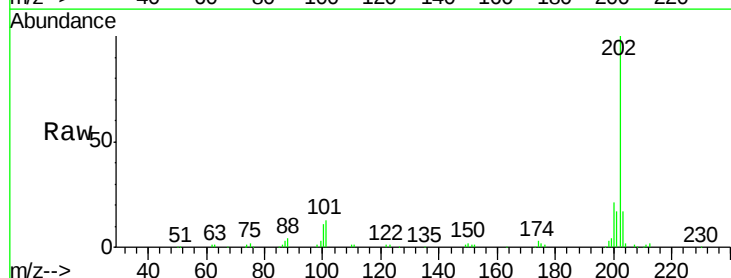


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

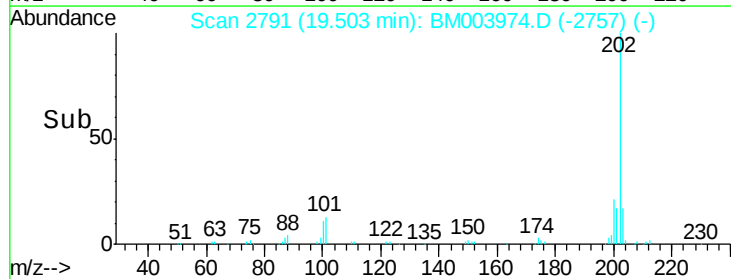
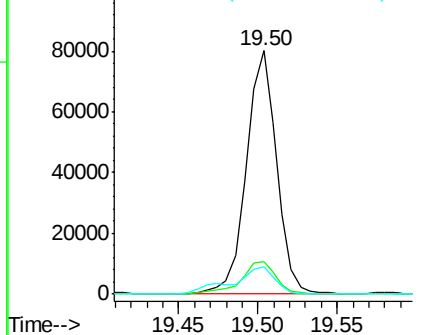


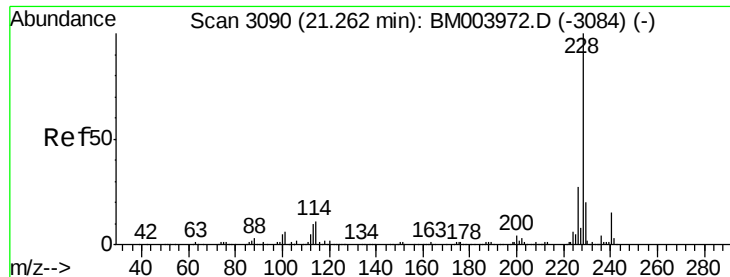
#80
 Pyrene
 Concen: 5.92 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM003974.D
 Acq: 13 Jan 2016 03:18

Tgt Ion:202 Resp: 106215
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 11.1 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: 3.69 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

Instrument :

BNA_M

ClientSampleId :

BC942

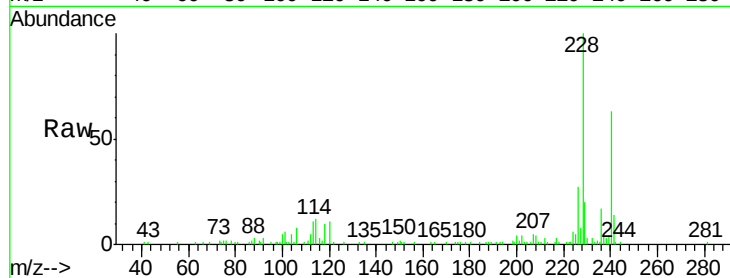
Tgt Ion:228 Resp: 58116

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

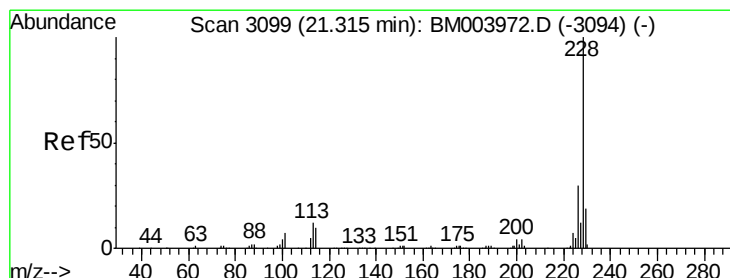
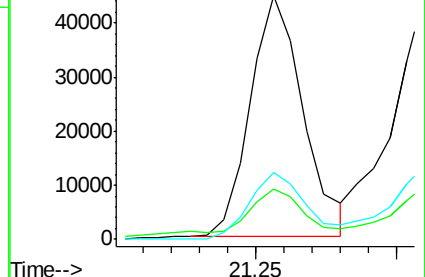
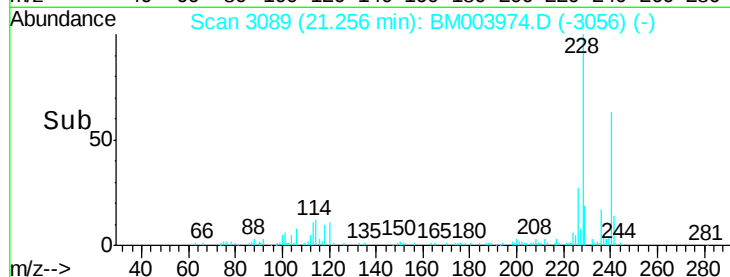
226 27.3 21.8 32.6



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



#85

Chrysene

Concen: 4.20 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

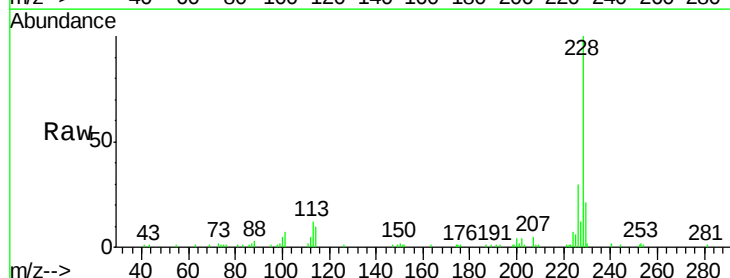
Tgt Ion:228 Resp: 62824

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

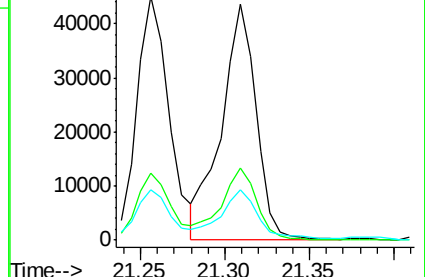
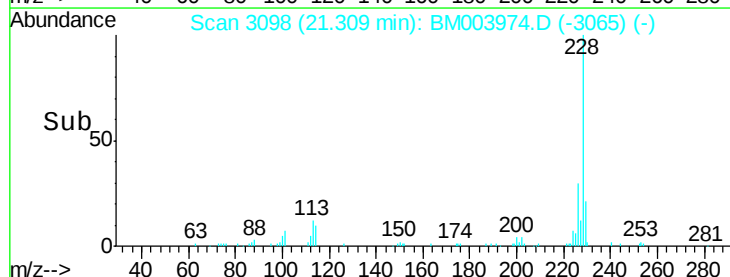
229 21.0 15.6 23.4

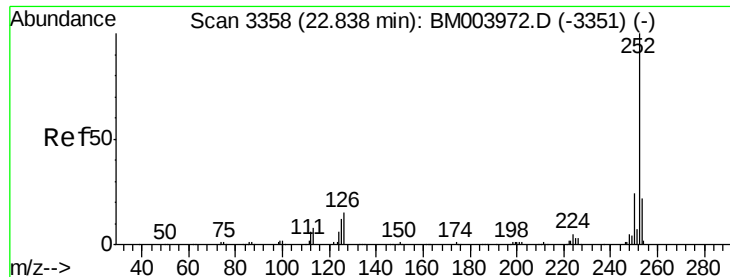


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.62 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

Instrument :

BNA_M

ClientSampleId :

BC942

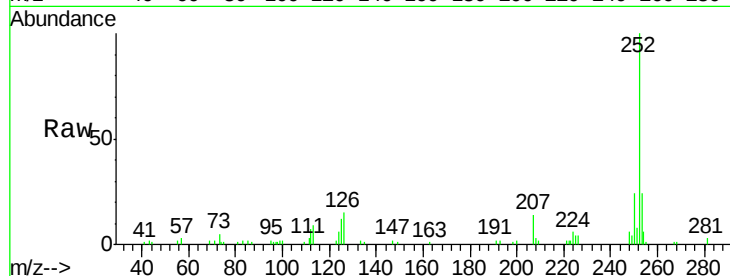
Tgt Ion:252 Resp: 70584

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

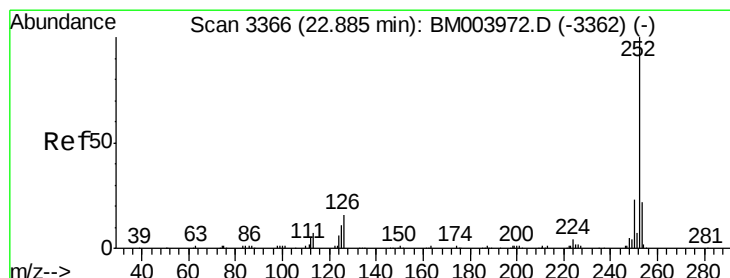
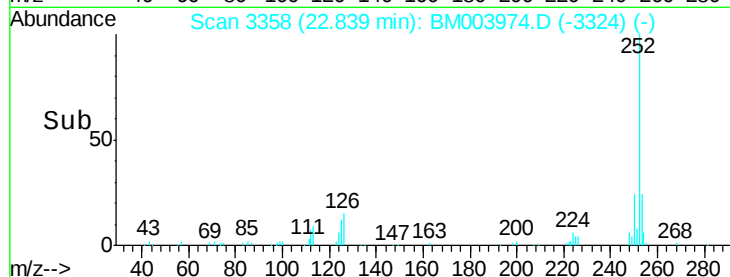
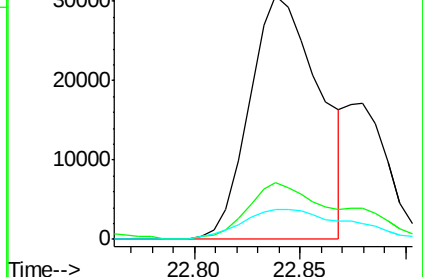
125 12.2 8.5 12.7



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: 1.26 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

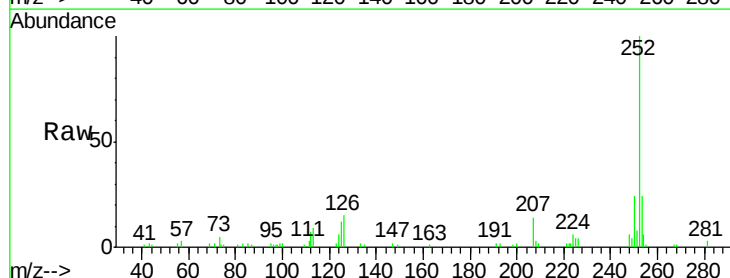
Tgt Ion:252 Resp: 18271

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

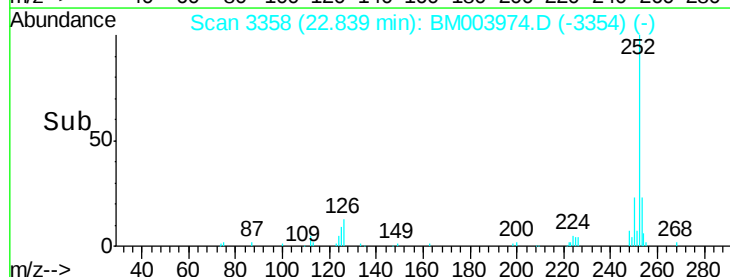
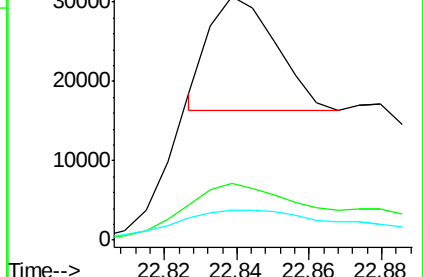
125 12.2 8.2 12.2

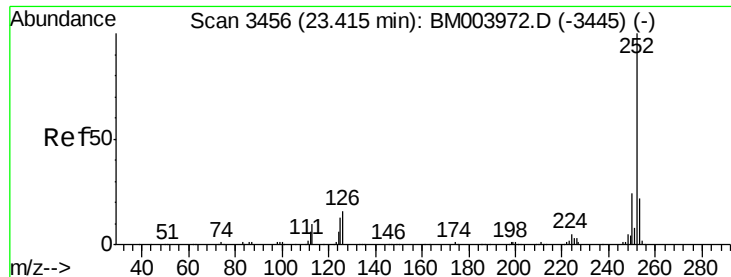


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.41 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

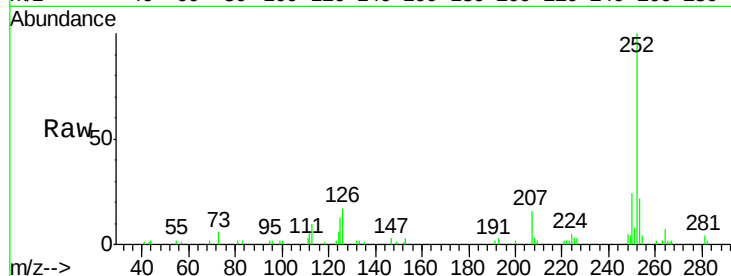
Instrument :

BNA_M

ClientSampleId :

BC942

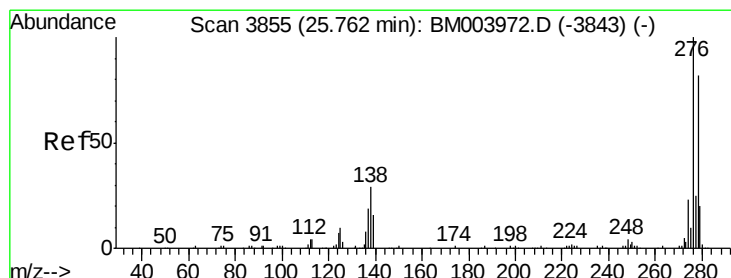
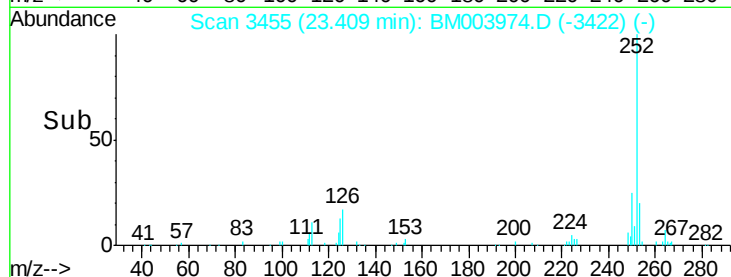
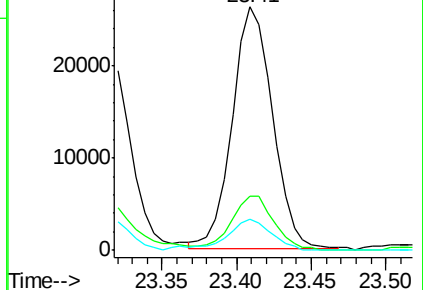
Tgt Ion:	252	Resp:	49415
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.9	9.0	13.6



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: 1.53 ng/ul

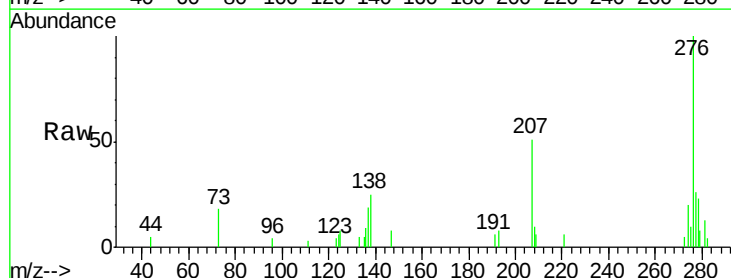
RT: 25.75 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM003974.D

Acq: 13 Jan 2016 03:18

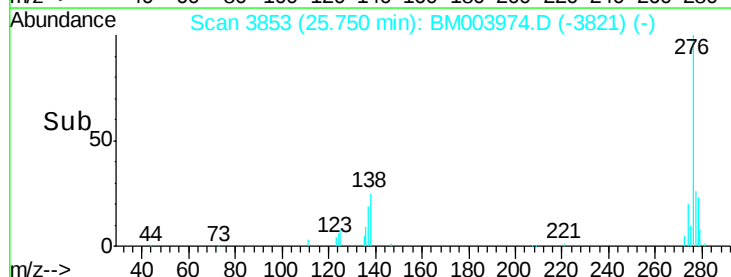
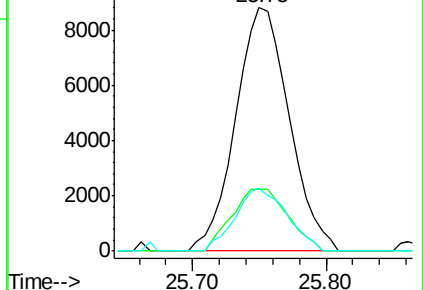
Tgt Ion:	276	Resp:	24577
Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.3	33.5
277	25.9	20.2	30.2

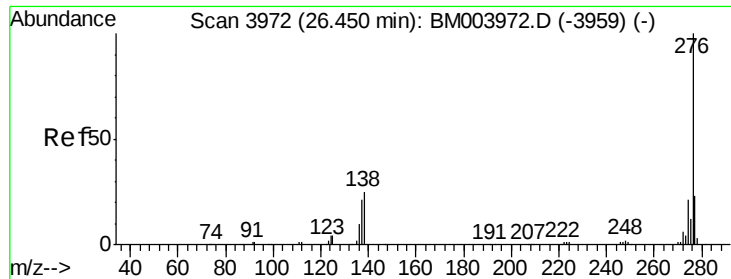


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.99 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM003974.D

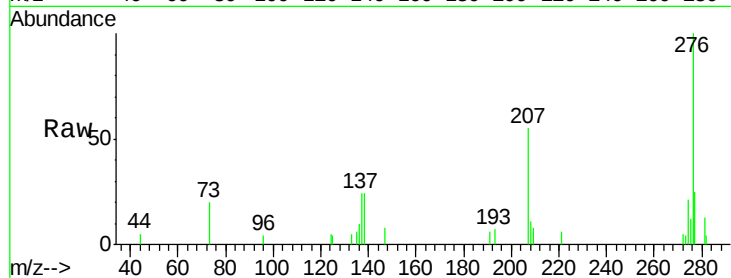
Acq: 13 Jan 2016 03:18

Instrument :

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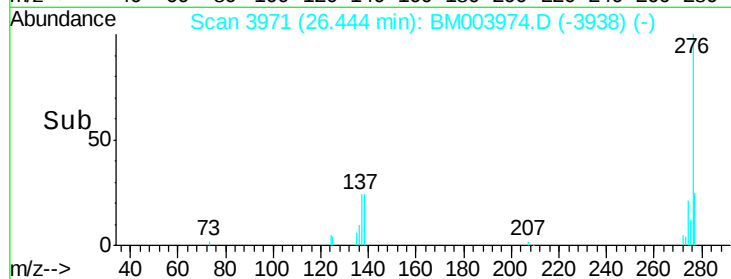
Tgt Ion: 276 Resp: 26743

Ion Ratio Lower Upper

276 100

138 24.5 18.9 28.3

277 24.8 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

