

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001986.D
 Acq On : 20 Jul 2015 22:34
 Operator : TP/UM
 Sample : G3000-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B8

Quant Time: Jul 21 02:15:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	108052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	453287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	270141	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	584729	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	488496	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	433263	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	1451	0.66	ng/uL	0.00
5) Phenol-d5	6.82	99	40559	4.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	23971	4.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	33799	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	20171	2.78	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	16751	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	15900	4.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	34601	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	27841	3.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	107772	4.95	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	117849	4.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	10972	2.97	ng/ul	0.00
57) Fluorene-d10	15.30	176	92572	4.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	931	0.25	ng/ul	0.00
70) Anthracene-d10	17.16	188	131543	4.79	ng/ul	0.00
78) Pyrene-d10	19.46	212	125501	5.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	81927	3.74	ng/ul	0.00

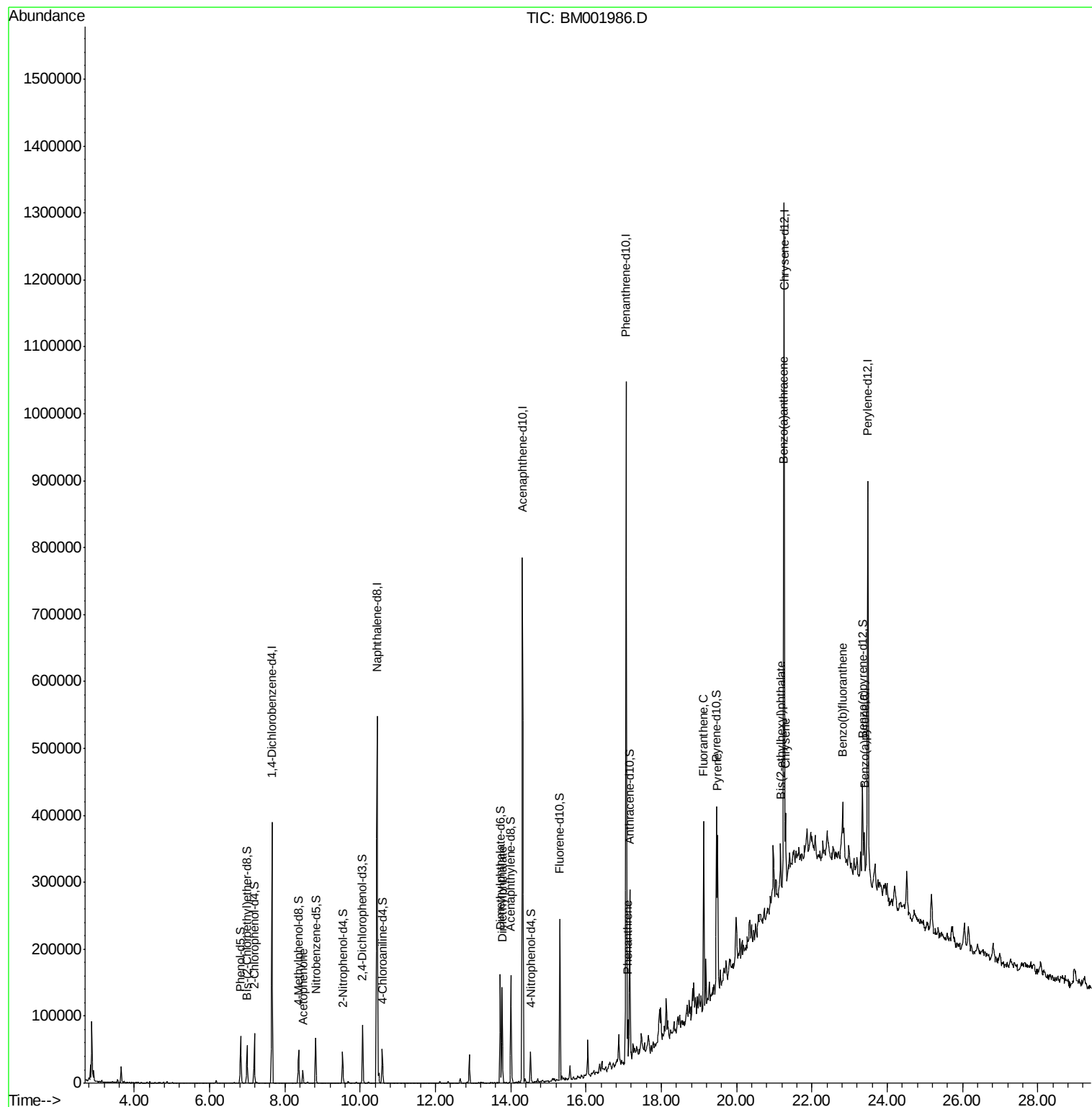
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Acetophenone	8.47	105	12627	1.10	ng/ul	93
44) Dimethylphthalate	13.77	163	87546	3.95	ng/ul	99
69) Phenanthrene	17.10	178	34847	1.10	ng/ul#	94
76) Fluoranthene	19.12	202	165690	4.47	ng/ul	100
79) Pyrene	19.49	202	134628	4.61	ng/ul#	96
82) Benzo(a)anthracene	21.24	228	40619	1.40	ng/ul#	90
83) Bis(2-ethylhexyl)phthalate	21.17	149	20453	1.26	ng/ul#	93
84) Chrysene	21.29	228	58742	2.16	ng/ul#	95
87) Benzo(b)fluoranthene	22.81	252	66466	2.50	ng/ul#	79
90) Benzo(a)pyrene	23.38	252	30000	1.20	ng/ul#	86

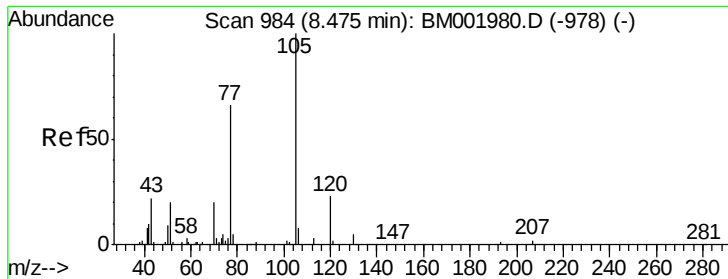
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.10 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.00 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

Instrument :

BNA_M

ClientSampleId :

C02B8

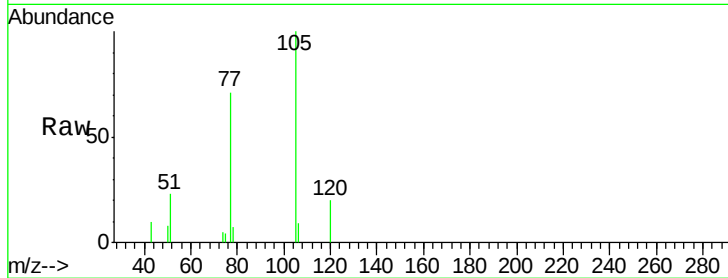
Tgt Ion:105 Resp: 12627

Ion Ratio Lower Upper

105 100

77 70.7 61.7 92.5

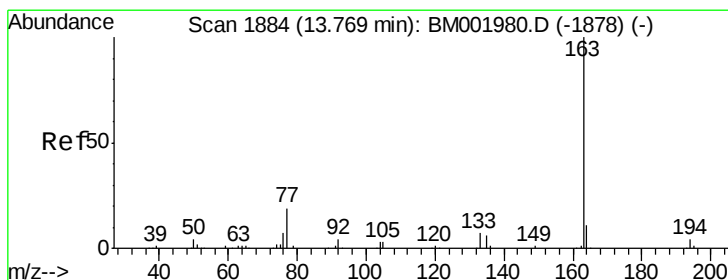
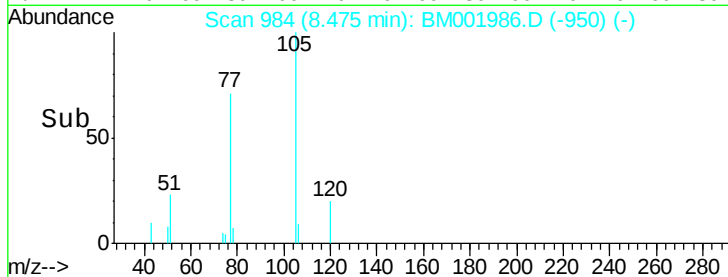
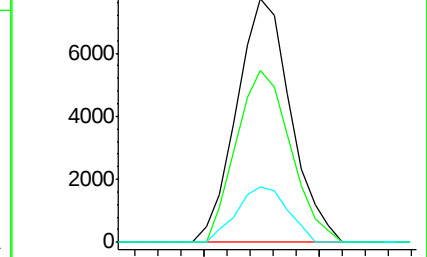
51 22.8 20.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 3.95 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

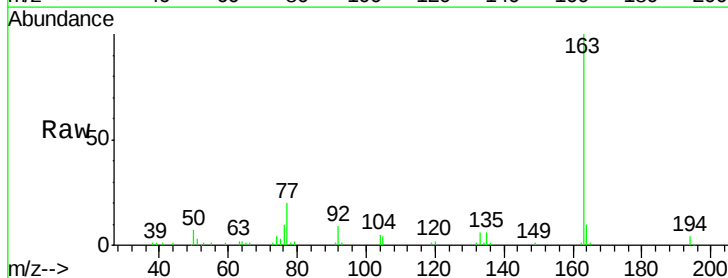
Tgt Ion:163 Resp: 87546

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

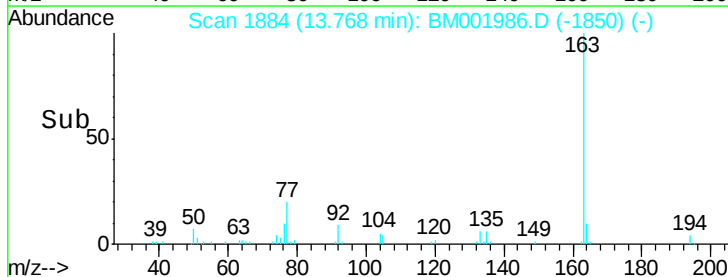
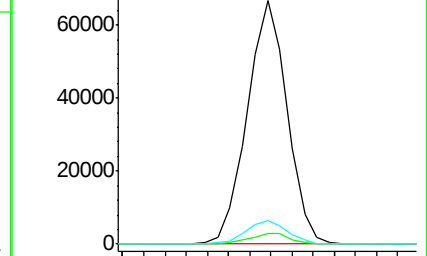
164 9.7 7.6 11.4

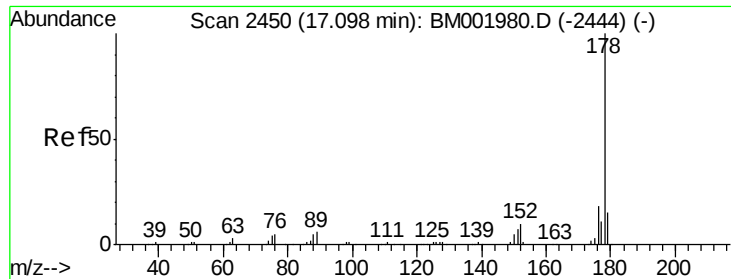


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

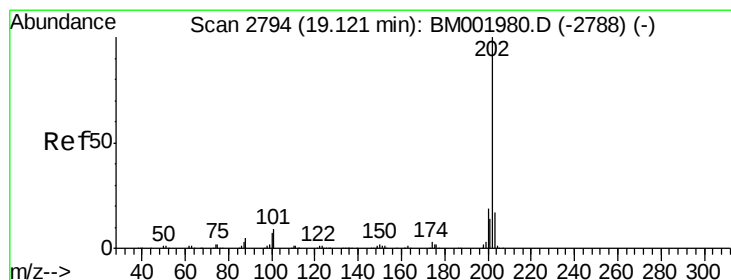
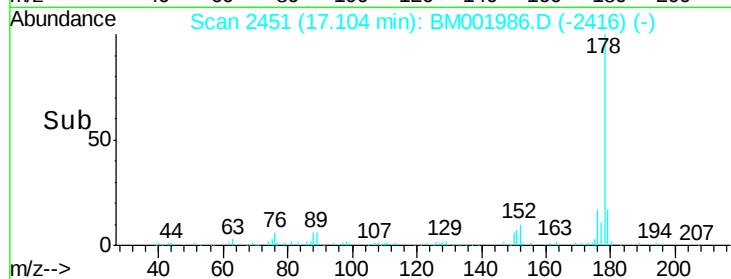
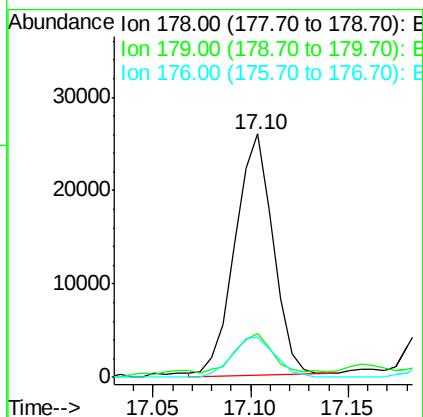
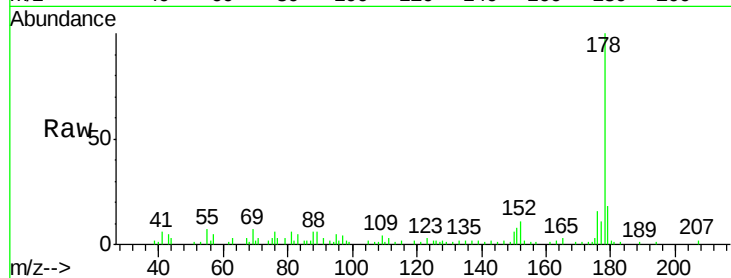




#69
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

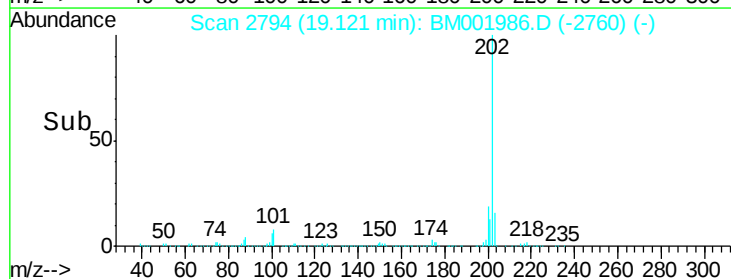
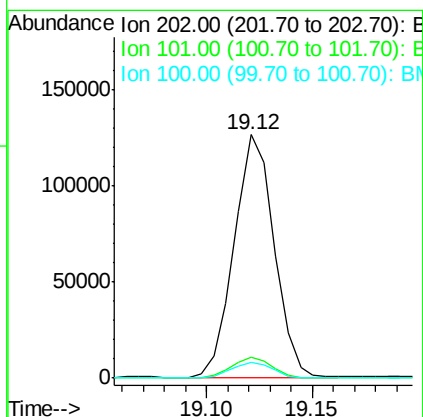
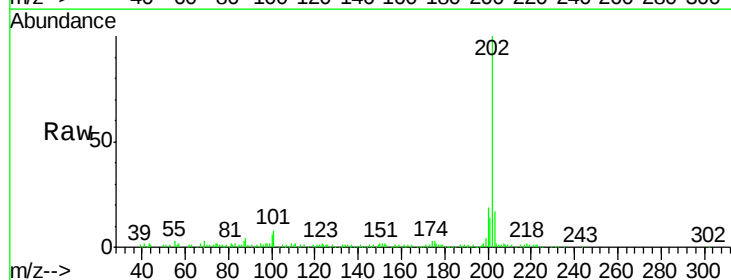
Instrument :
BNA_M
ClientSampleId :
C02B8

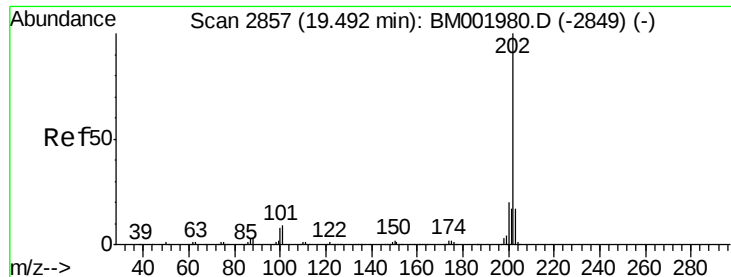
Tgt Ion:178 Resp: 34847
Ion Ratio Lower Upper
178 100
179 18.2 12.2 18.2#
176 16.3 14.5 21.7



#76
Fluoranthene
Concen: 4.47 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM001986.D
Acq: 20 Jul 2015 22:34

Tgt Ion:202 Resp: 165690
Ion Ratio Lower Upper
202 100
101 8.4 6.6 9.8
100 6.4 5.2 7.8





#79

Pyrene

Concen: 4.61 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

Instrument :

BNA_M

ClientSampleId :

C02B8

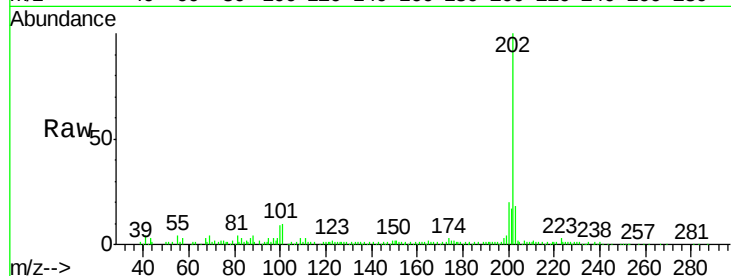
Tgt Ion:202 Resp: 134628

Ion Ratio Lower Upper

202 100

101 10.0 7.4 11.0

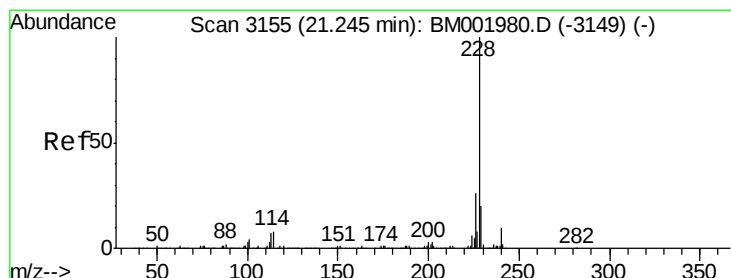
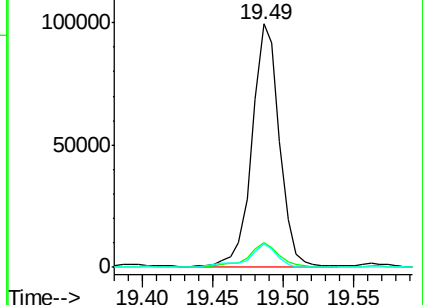
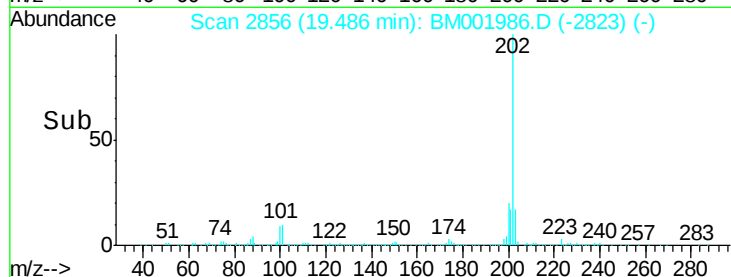
100 9.4 5.9 8.9#



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



#82

Benzo(a)anthracene

Concen: 1.40 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

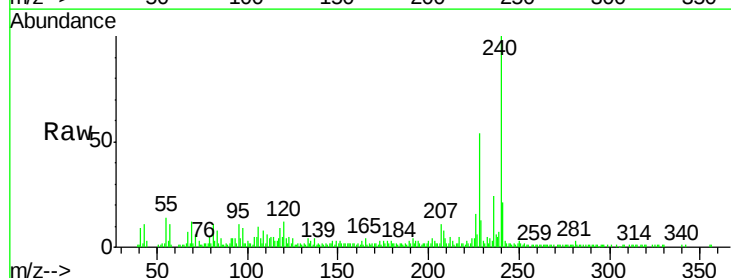
Tgt Ion:228 Resp: 40619

Ion Ratio Lower Upper

228 100

229 24.7 15.2 22.8#

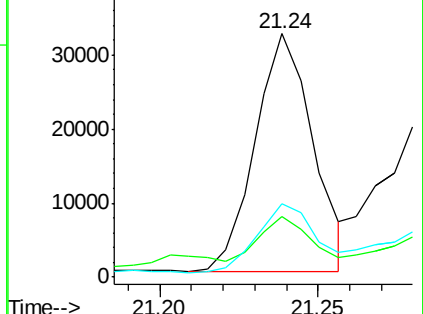
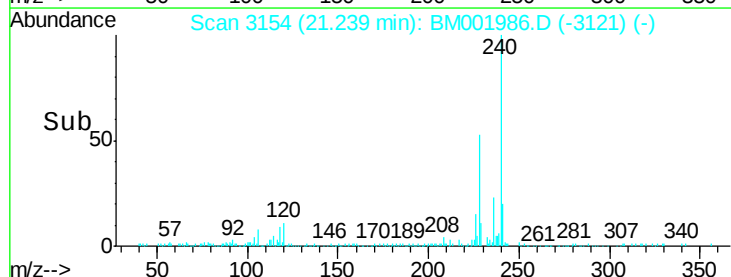
226 30.4 20.8 31.2

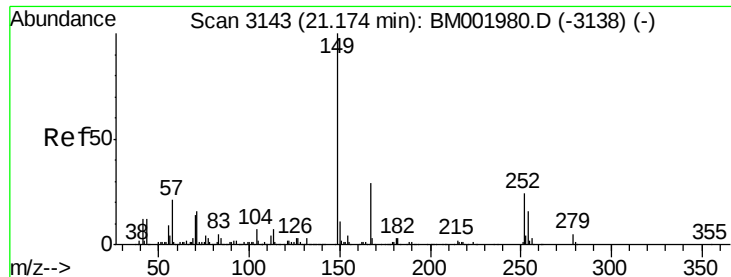


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

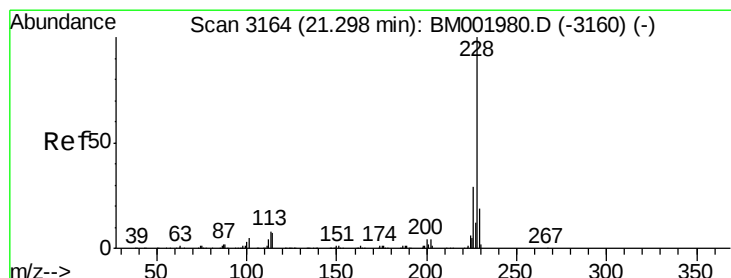
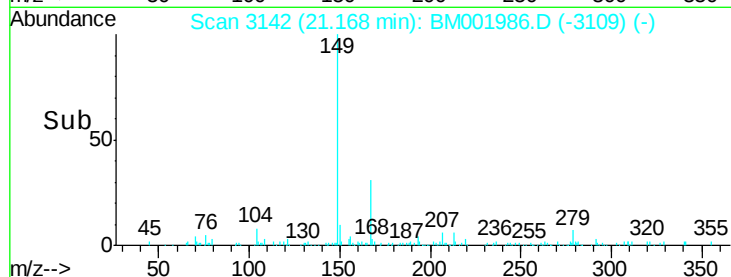
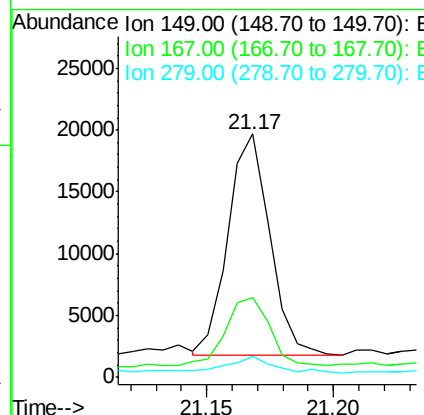
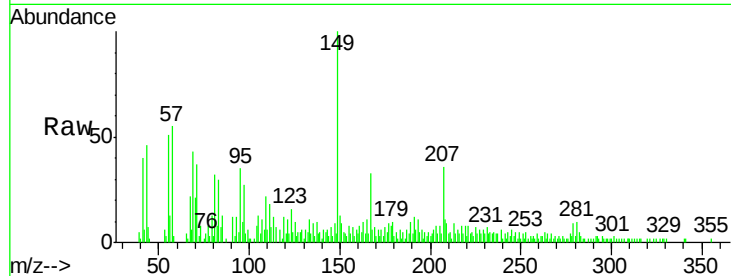




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.26 ng/ul
 RT: 21.17 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BM001986.D
 Acq: 20 Jul 2015 22:34

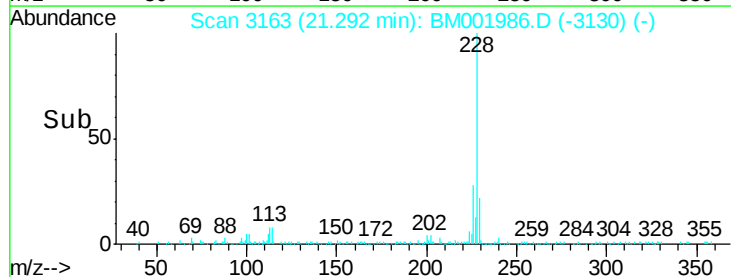
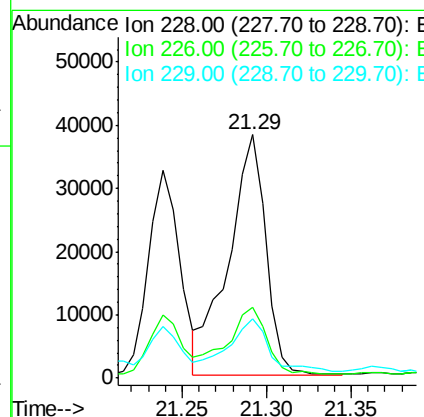
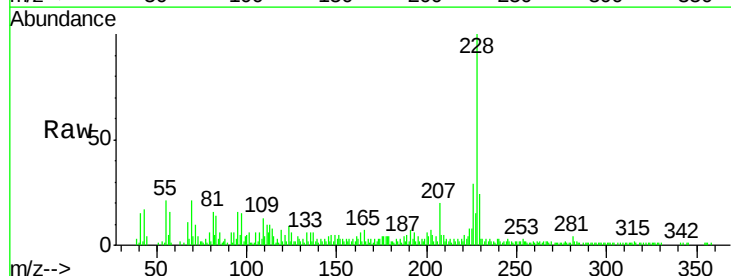
Instrument :
 BNA_M
 ClientSampleId :
 C02B8

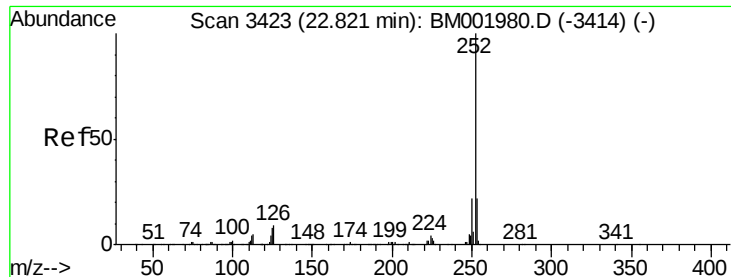
Tgt Ion:149 Resp: 20453
 Ion Ratio Lower Upper
 149 100
 167 32.8 23.4 35.0
 279 8.7 4.0 6.0#



#84
 Chrysene
 Concen: 2.16 ng/ul
 RT: 21.29 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BM001986.D
 Acq: 20 Jul 2015 22:34

Tgt Ion:228 Resp: 58742
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.6 33.8
 229 24.2 15.4 23.0#





#87

Benzo(b)fluoranthene

Concen: 2.50 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

Instrument :

BNA_M

ClientSampleId :

C02B8

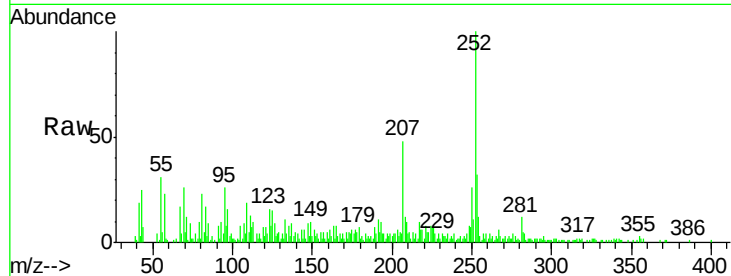
Tgt Ion:252 Resp: 66466

Ion Ratio Lower Upper

252 100

253 31.8 17.6 26.4#

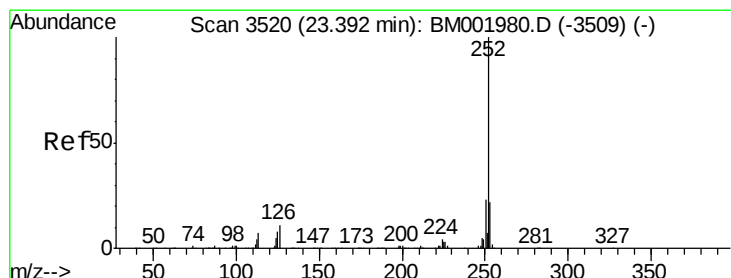
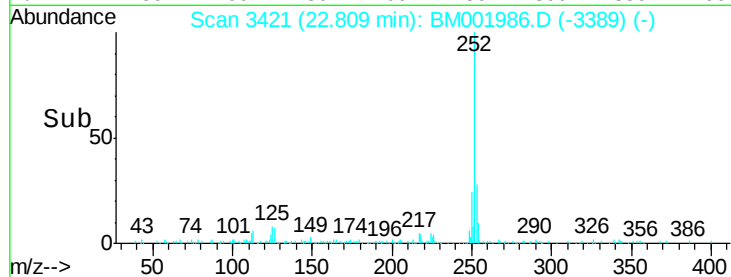
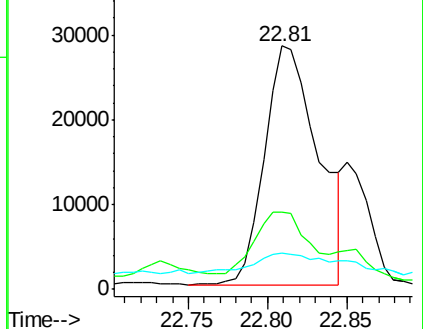
125 15.1 6.1 9.1#



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



#90

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM001986.D

Acq: 20 Jul 2015 22:34

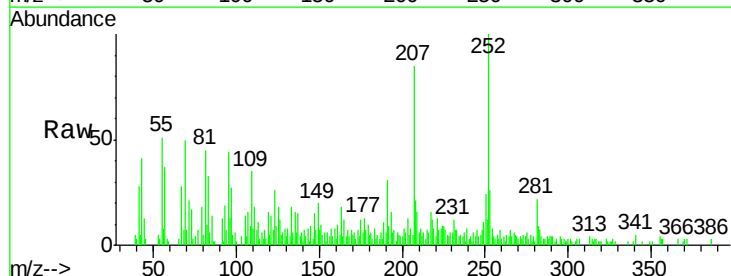
Tgt Ion:252 Resp: 30000

Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 17.8 6.4 9.6#



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

