

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001988.D
 Acq On : 20 Jul 2015 23:48
 Operator : TP/UM
 Sample : G3000-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C3

Quant Time: Jul 21 01:40:33 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	7.66	152	107816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	443548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	268530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	572640	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	489218	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	446750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8903	4.04	ng/uL	0.00
5) Phenol-d5	6.83	99	227797	25.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	125499	26.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	190995	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	194993	26.97	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	86599	26.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	79572	21.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	201826	27.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	228649	29.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	535099	24.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	604138	23.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	81977	22.35	ng/ul	0.00
57) Fluorene-d10	15.31	176	410781	22.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	6784	1.83	ng/ul	0.00
70) Anthracene-d10	17.16	188	591373	22.00	ng/ul	0.00
78) Pyrene-d10	19.46	212	559022	25.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	442367	19.58	ng/ul	0.00

Target Compounds

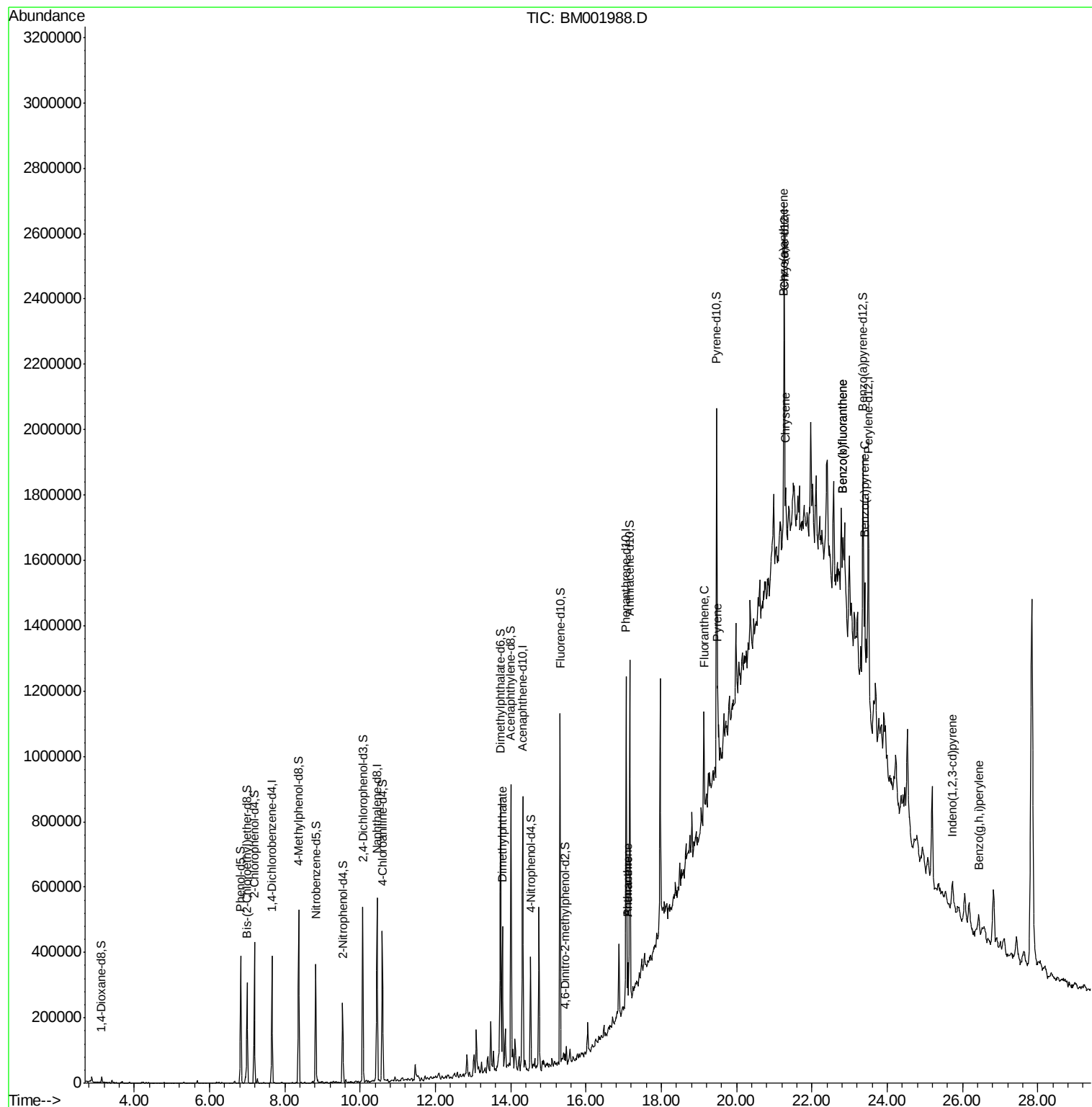
						Qvalue
44) Dimethylphthalate	13.77	163	270212	12.26	ng/ul	99
69) Phenanthrene	17.10	178	75209	2.42	ng/ul	98
71) Anthracene	17.10	178	75408	2.36	ng/ul	98
76) Fluoranthene	19.13	202	188273	5.19	ng/ul	98
79) Pyrene	19.49	202	166334	5.68	ng/ul	97
82) Benzo(a)anthracene	21.24	228	70018	2.40	ng/ul#	83
84) Chrysene	21.30	228	84152	3.09	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	106311	3.88	ng/ul#	53
88) Benzo(k)fluoranthene	22.82	252	56099	2.13	ng/ul#	52
90) Benzo(a)pyrene	23.40	252	67592	2.63	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	25.74	276	50637	1.88	ng/ul	98
93) Benzo(g,h,i)perylene	26.43	276	50917	2.29	ng/ul#	90

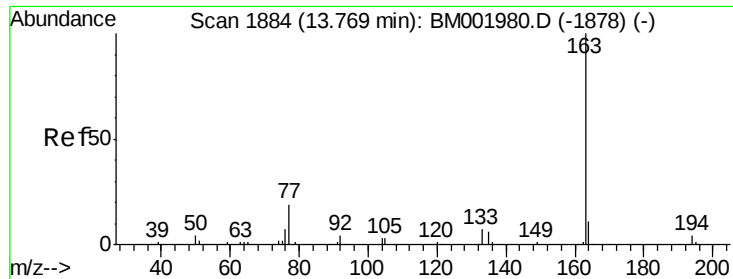
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 01:37:44 2015
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 12.26 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampleId :

C02C3

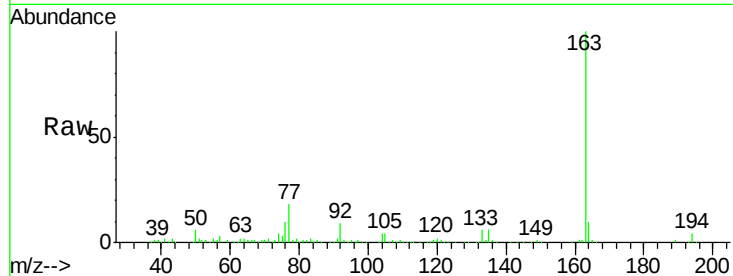
Tgt Ion:163 Resp: 270212

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

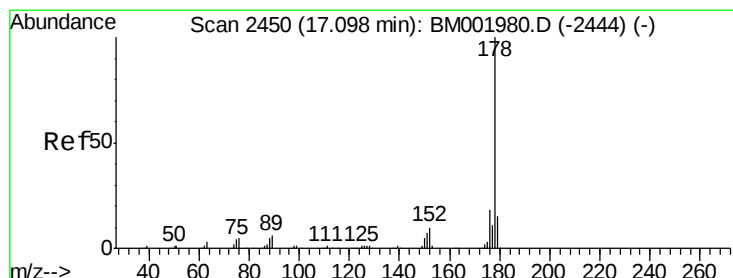
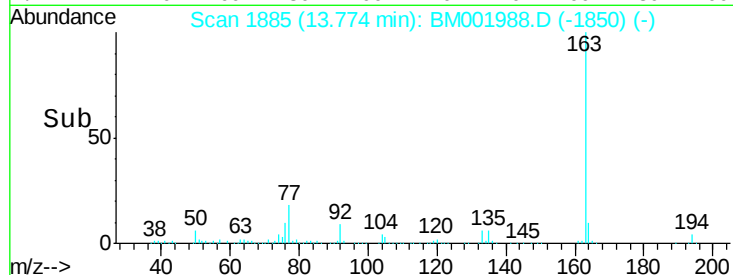
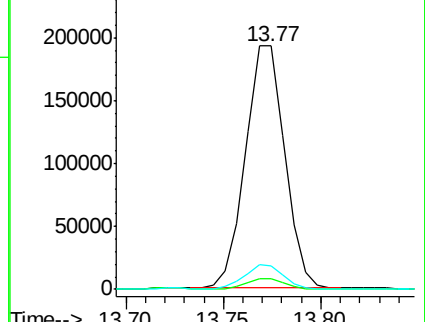
164 9.7 7.6 11.4



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: 2.42 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

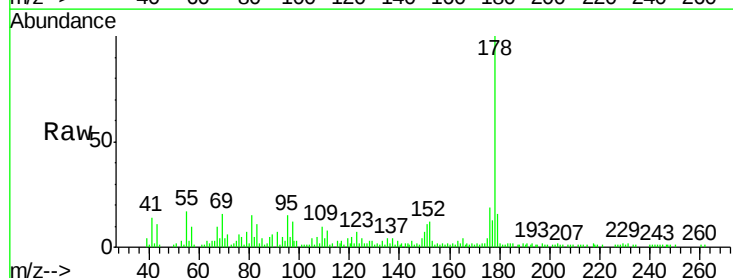
Tgt Ion:178 Resp: 75209

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

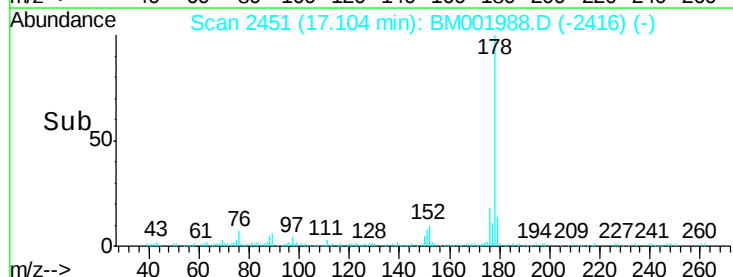
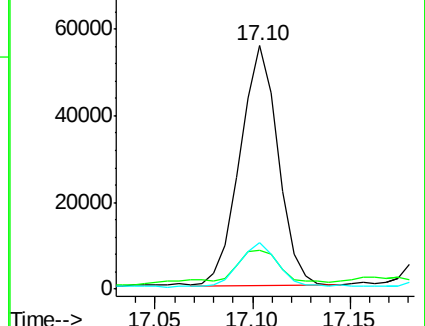
176 19.3 14.5 21.7

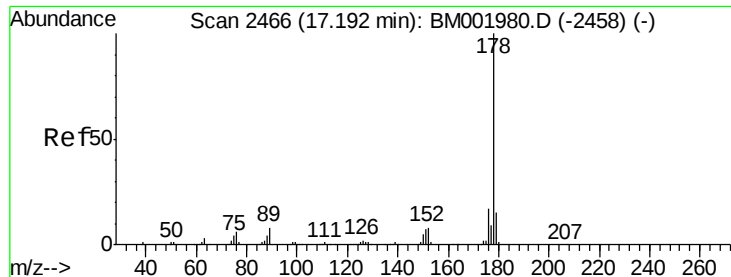


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 2.36 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampleId :

C02C3

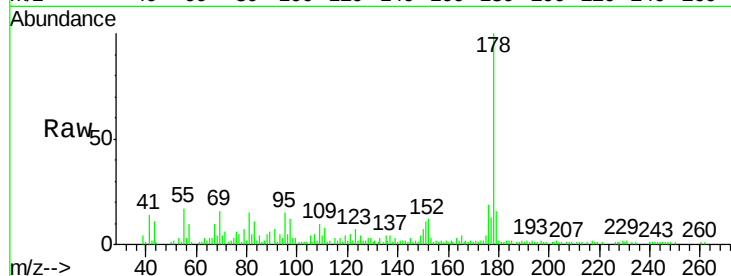
Tgt Ion:178 Resp: 75408

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

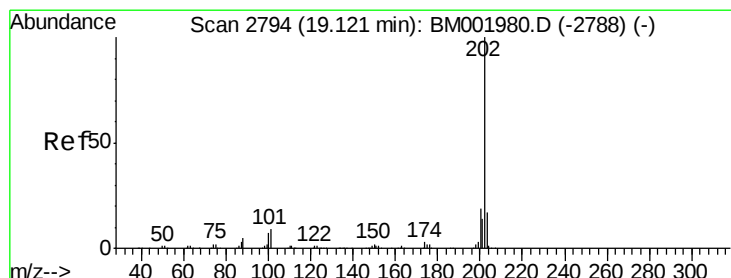
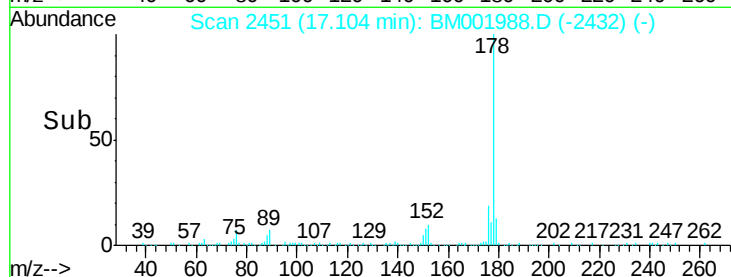
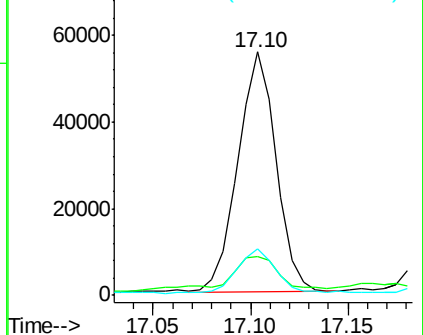
176 19.3 14.2 21.4



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



#76

Fluoranthene

Concen: 5.19 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

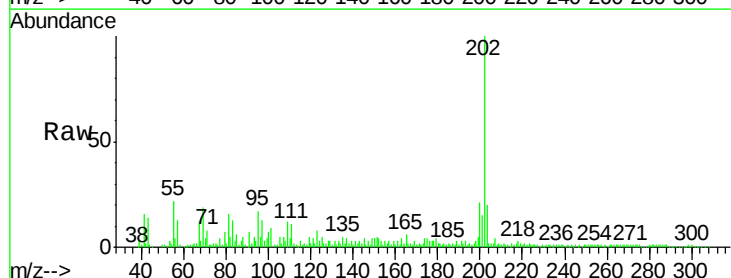
Tgt Ion:202 Resp: 188273

Ion Ratio Lower Upper

202 100

101 9.2 6.6 9.8

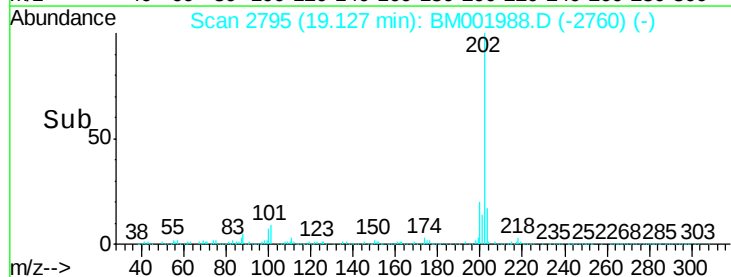
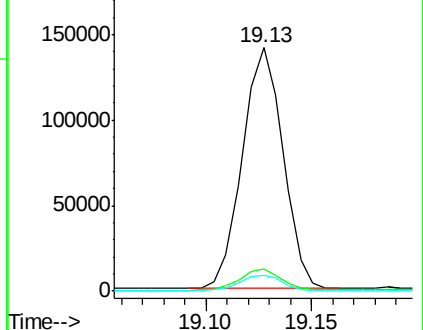
100 6.7 5.2 7.8

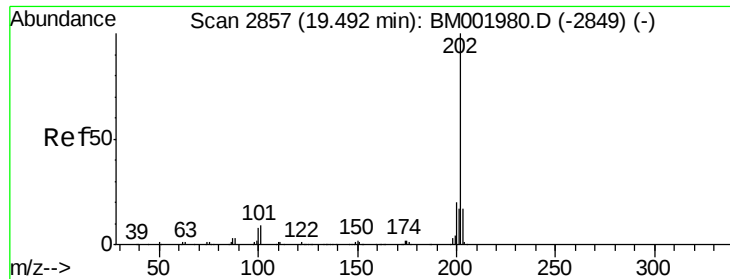


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

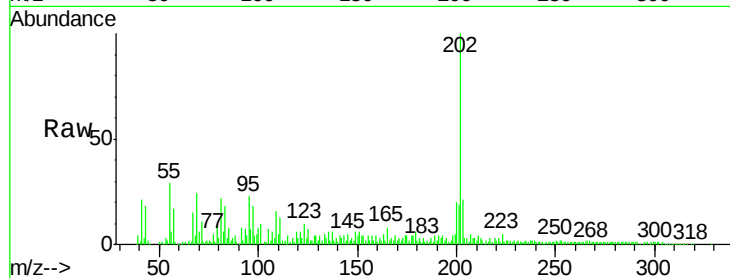




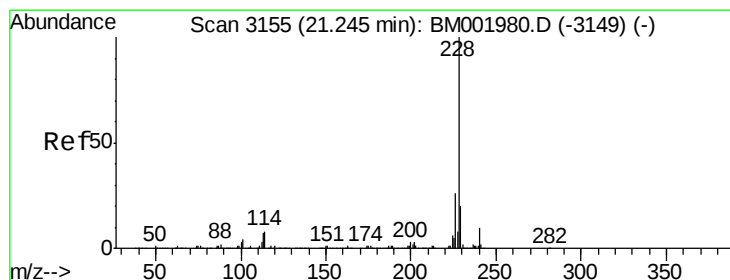
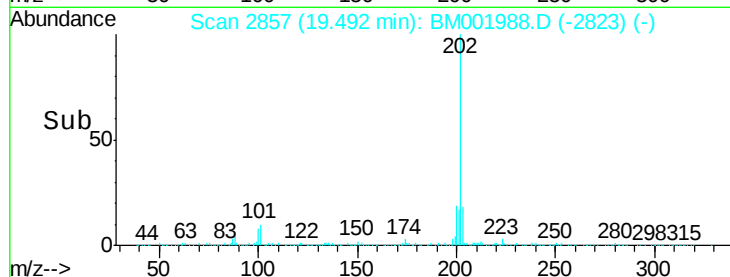
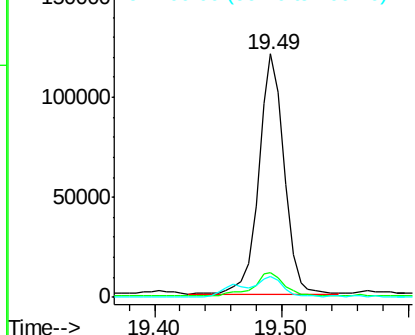
#79
Pyrene
Concen: 5.68 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Instrument :
BNA_M
ClientSampleId :
C02C3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.4	11.0
100	8.5	5.9	8.9

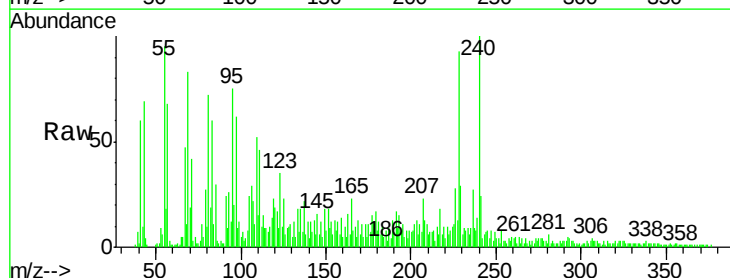


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

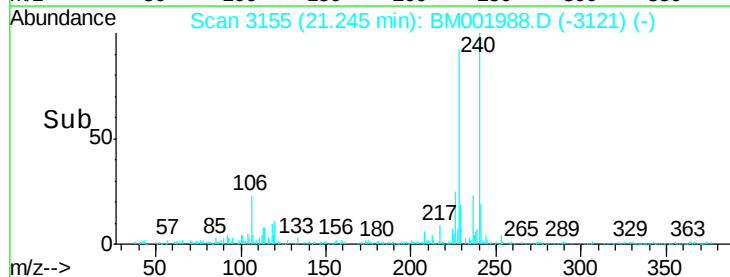
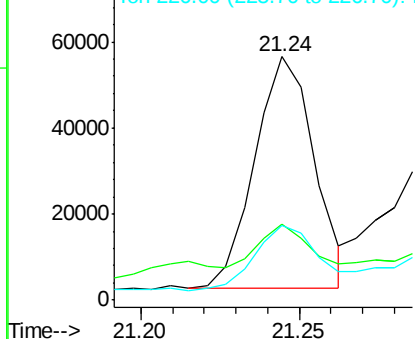


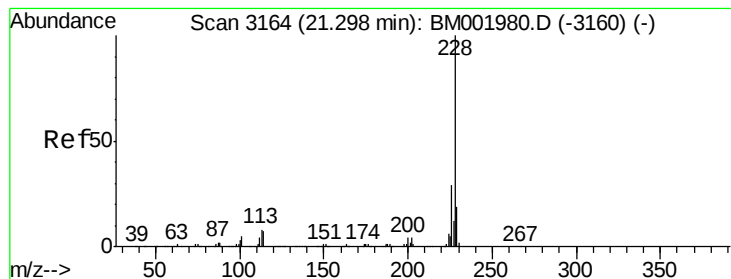
#82
Benzo(a)anthracene
Concen: 2.40 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BM001988.D
Acq: 20 Jul 2015 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	31.4	15.2	22.8#
226	30.5	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





#84

Chrysene

Concen: 3.09 ng/ul

RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampleId :

C02C3

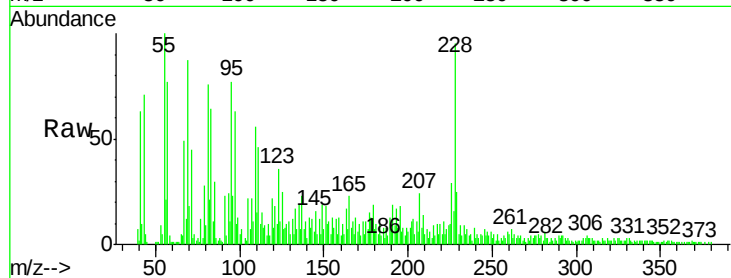
Tgt Ion:228 Resp: 84152

Ion Ratio Lower Upper

228 100

226 30.1 22.6 33.8

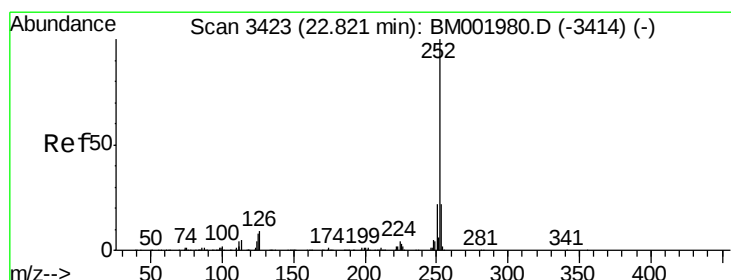
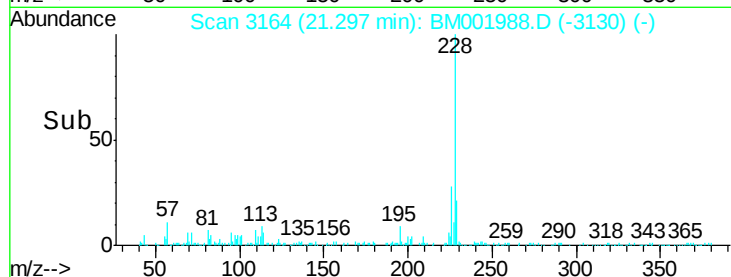
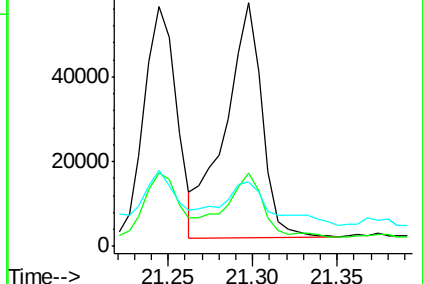
229 26.4 15.4 23.0#



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



#87

Benzo(b)fluoranthene

Concen: 3.88 ng/ul

RT: 22.82 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

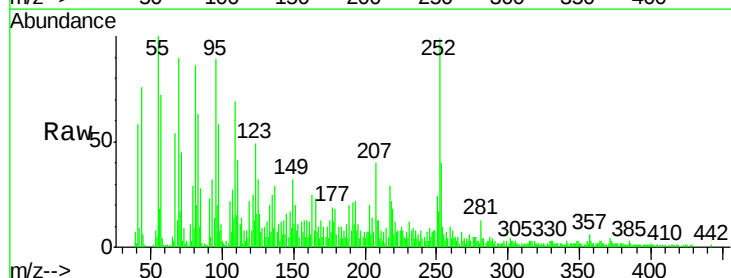
Tgt Ion:252 Resp: 106311

Ion Ratio Lower Upper

252 100

253 40.6 17.6 26.4#

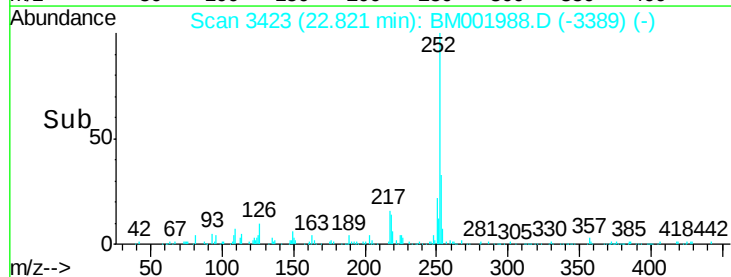
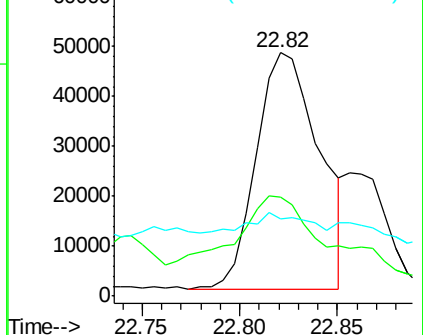
125 31.8 6.1 9.1#

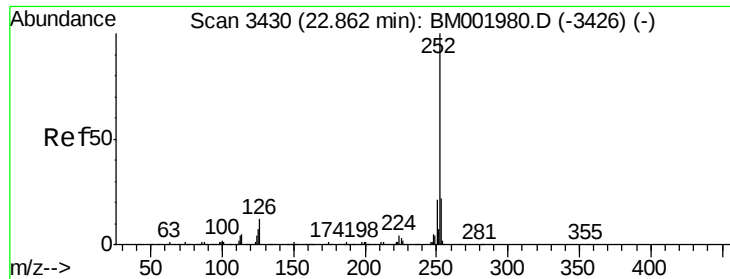


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.13 ng/ul

RT: 22.82 min Scan# 3423

Delta R.T. -0.04 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampleId :

C02C3

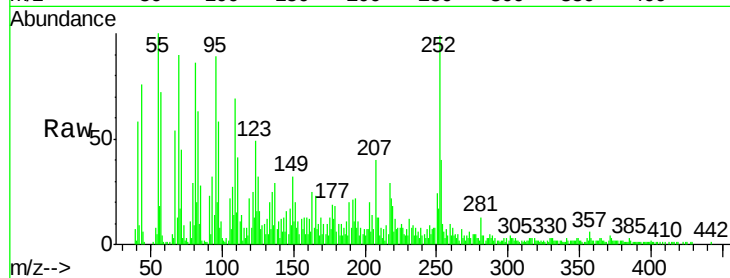
Tgt Ion:252 Resp: 56099

Ion Ratio Lower Upper

252 100

253 40.6 17.1 25.7#

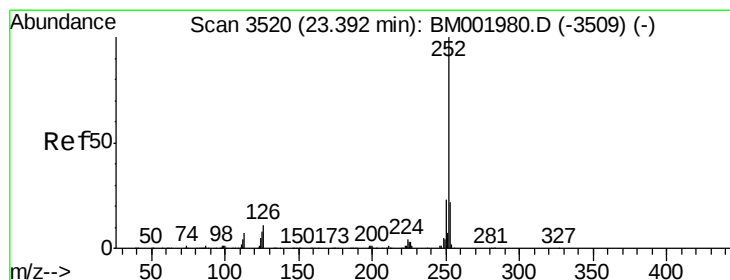
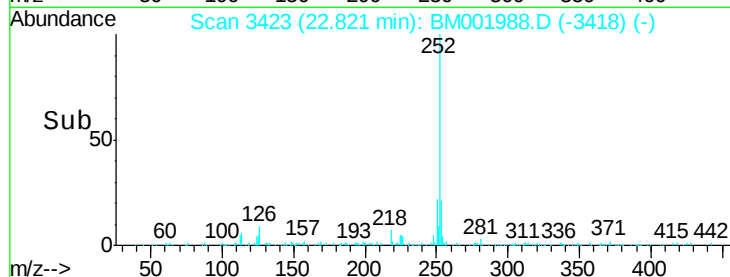
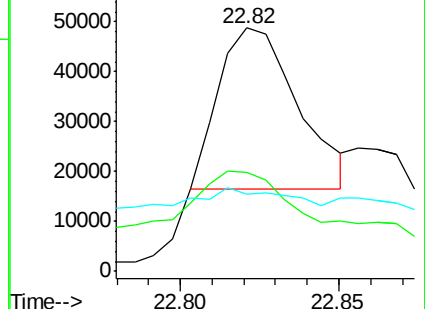
125 31.8 5.6 8.4#



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: 2.63 ng/ul

RT: 23.40 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

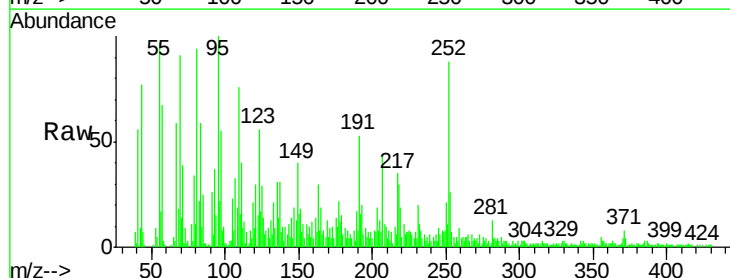
Tgt Ion:252 Resp: 67592

Ion Ratio Lower Upper

252 100

253 28.9 17.4 26.2#

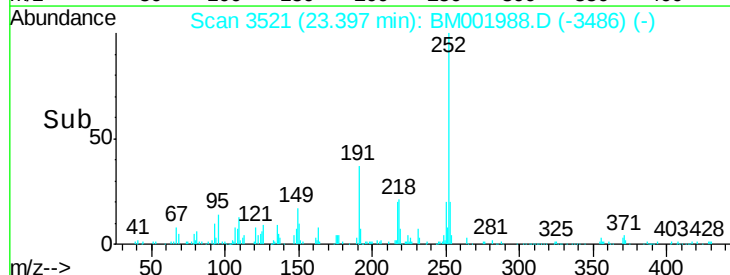
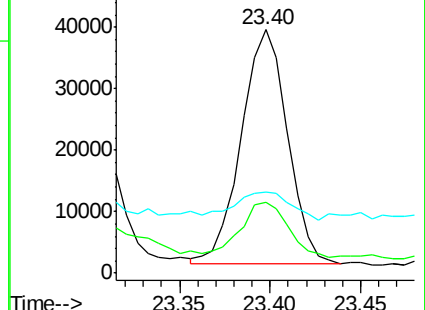
125 33.3 6.4 9.6#

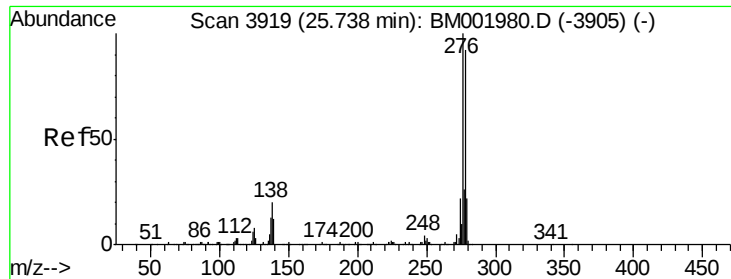


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.88 ng/ul

RT: 25.74 min Scan# 3919

Delta R.T. -0.00 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Instrument :

BNA_M

ClientSampled :

C02C3

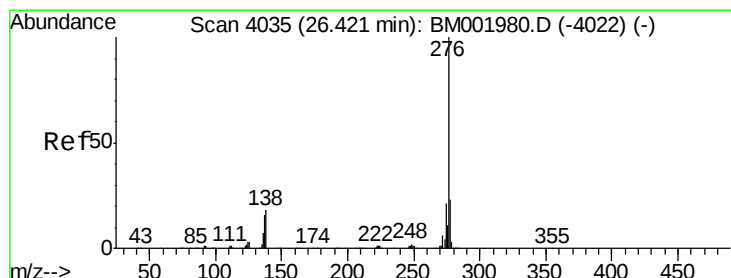
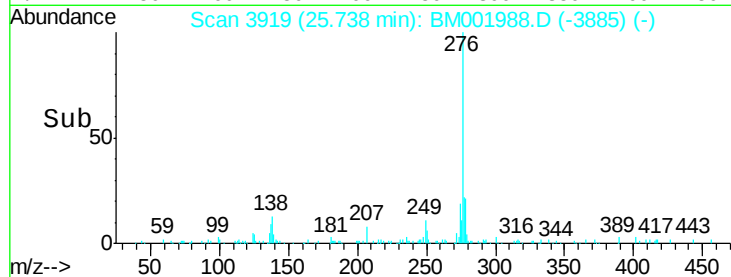
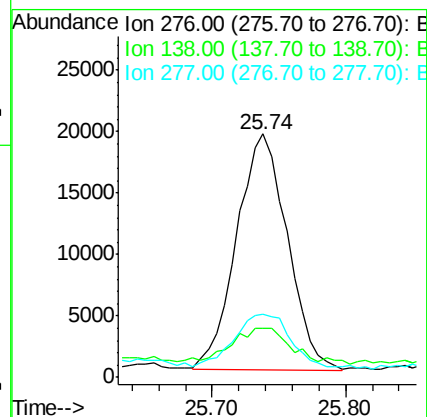
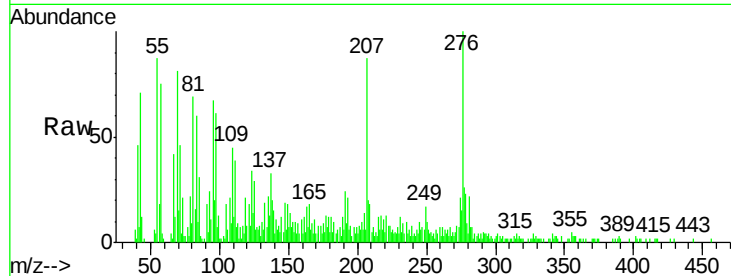
Tgt Ion:276 Resp: 50637

Ion Ratio Lower Upper

276 100

138 20.3 15.4 23.0

277 25.9 19.9 29.9



#93

Benzo(g,h,i)perylene

Concen: 2.29 ng/ul

RT: 26.43 min Scan# 4036

Delta R.T. 0.01 min

Lab File: BM001988.D

Acq: 20 Jul 2015 23:48

Tgt Ion:276 Resp: 50917

Ion Ratio Lower Upper

276 100

138 23.7 13.3 19.9#

277 25.8 18.6 27.8

