

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001991.D
 Acq On : 21 Jul 2015 01:39
 Operator : TP/UM
 Sample : G3000-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J4

Quant Time: Jul 21 02:37:12 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	103503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	425187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	255781	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	520341	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	425674	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	412269	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9464	4.47	ng/uL	0.00
5) Phenol-d5	6.83	99	251772	29.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	136495	29.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	210446	31.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	211825	30.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	98823	31.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	99938	28.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	225060	31.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	241785	33.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	616002	29.86	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	734121	29.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	89637	25.66	ng/ul	0.00
57) Fluorene-d10	15.31	176	482276	27.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	11759	3.49	ng/ul	0.00
70) Anthracene-d10	17.16	188	669661	27.42	ng/ul	0.00
78) Pyrene-d10	19.46	212	561914	28.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	433165	20.78	ng/ul	0.00

Target Compounds

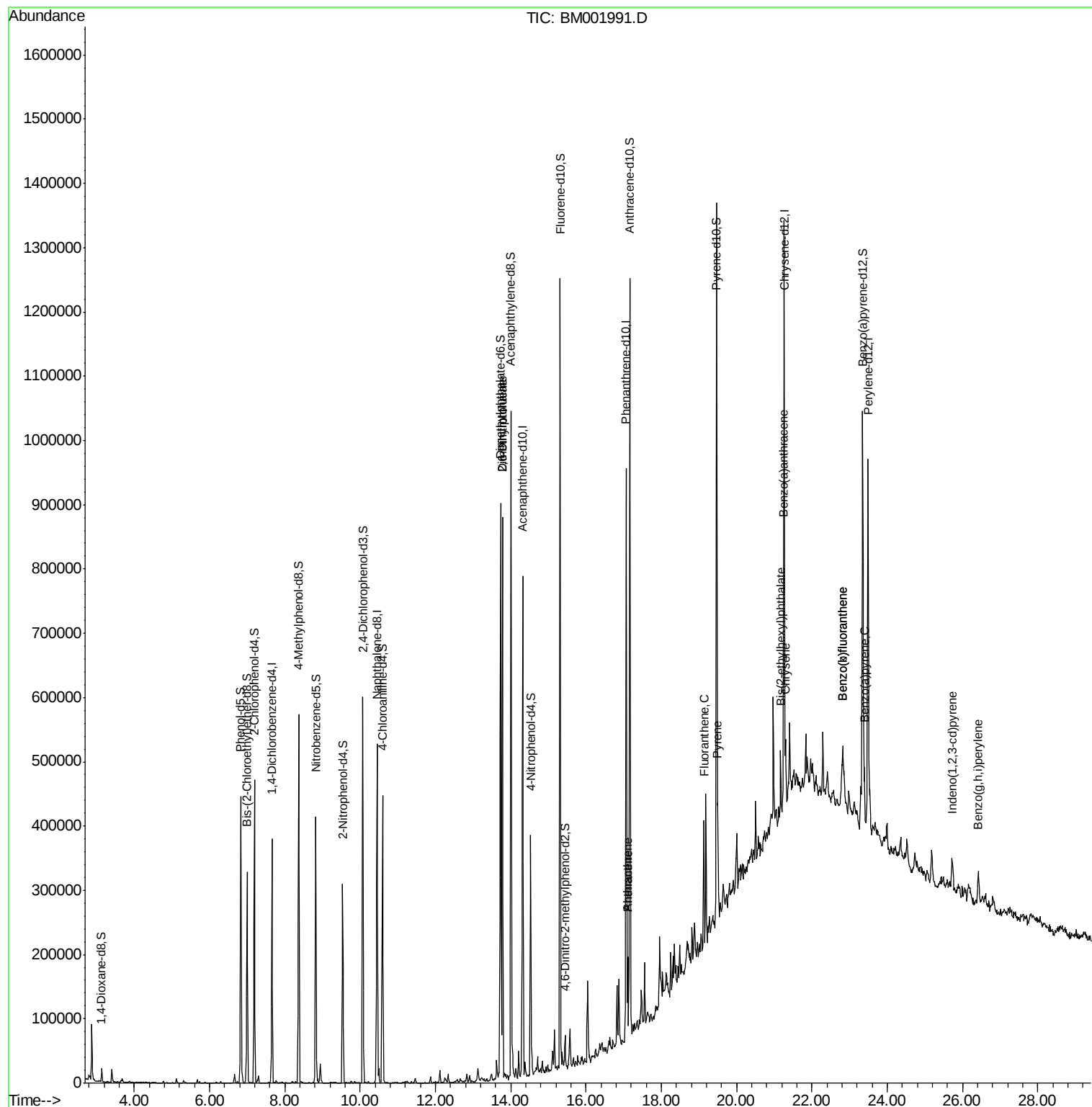
						Qvalue
44) Dimethylphthalate	13.77	163	529953	25.25	ng/ul	99
45) 2,6-Dinitrotoluene	13.77	165	6261	1.45	ng/ul#	52
69) Phenanthrene	17.10	178	71769	2.55	ng/ul	98
71) Anthracene	17.10	178	72590	2.50	ng/ul	98
76) Fluoranthene	19.13	202	117199	3.56	ng/ul	98
79) Pyrene	19.49	202	107686	4.23	ng/ul	98
82) Benzo(a)anthracene	21.24	228	58276	2.30	ng/ul#	95
83) Bis(2-ethylhexyl)phthalate	21.17	149	32453	2.29	ng/ul#	95
84) Chrysene	21.29	228	59802	2.52	ng/ul#	94
87) Benzo(b)fluoranthene	22.82	252	87304	3.46	ng/ul#	90
88) Benzo(k)fluoranthene	22.82	252	51679	2.13	ng/ul#	89
90) Benzo(a)pyrene	23.39	252	55020	2.32	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.73	276	48996	1.97	ng/ul	95
93) Benzo(g,h,i)perylene	26.43	276	52851	2.58	ng/ul	97

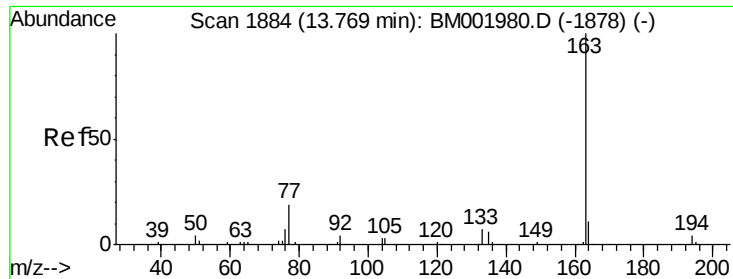
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 25.25 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

Instrument :

BNA_M

ClientSampleId :

C02J4

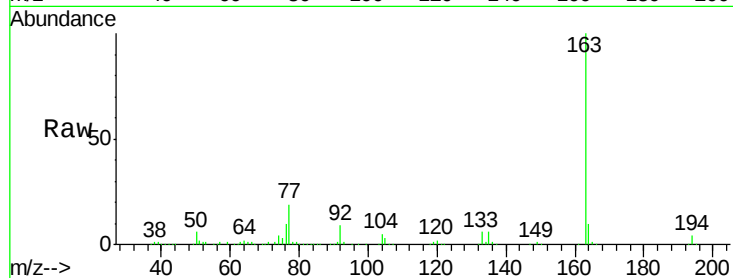
Tgt Ion:163 Resp: 529953

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

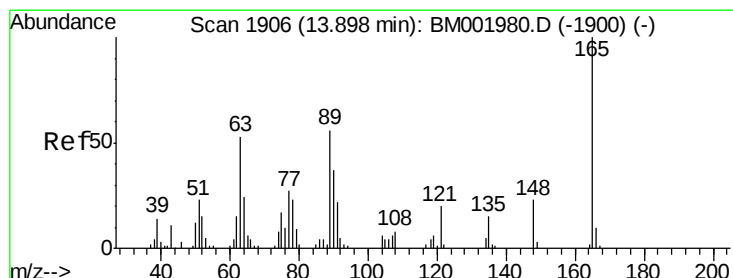
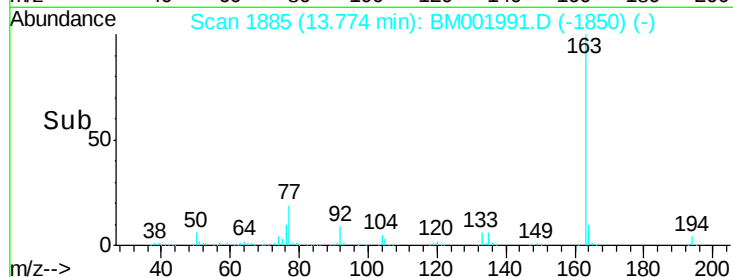
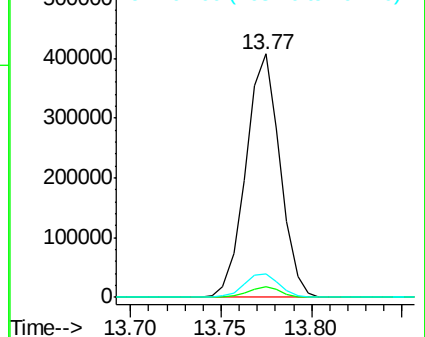
164 9.8 7.6 11.4



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



#45

2,6-Dinitrotoluene

Concen: 1.45 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. -0.12 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

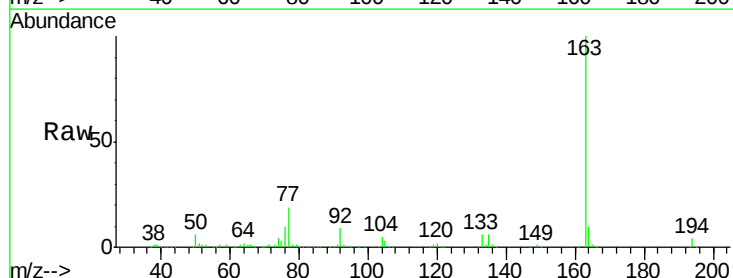
Tgt Ion:165 Resp: 6261

Ion Ratio Lower Upper

165 100

89 11.3 43.3 64.9#

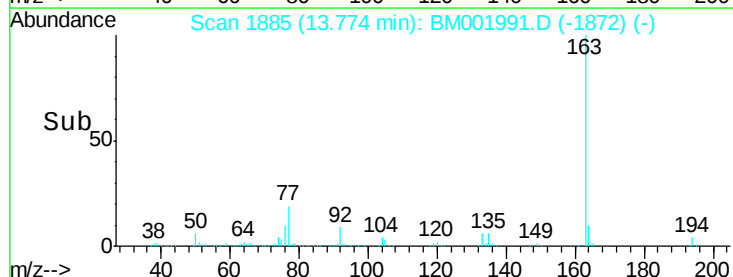
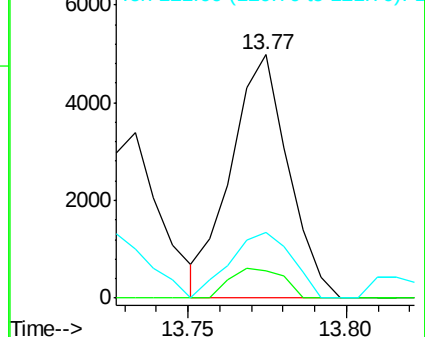
121 27.2 15.5 23.3#

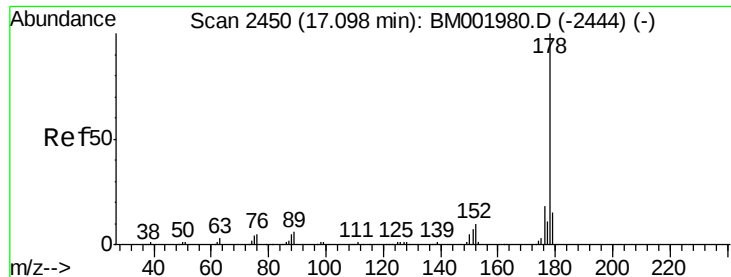


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#69

Phenanthrene

Concen: 2.55 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

Instrument :

BNA_M

ClientSampleId :

C02J4

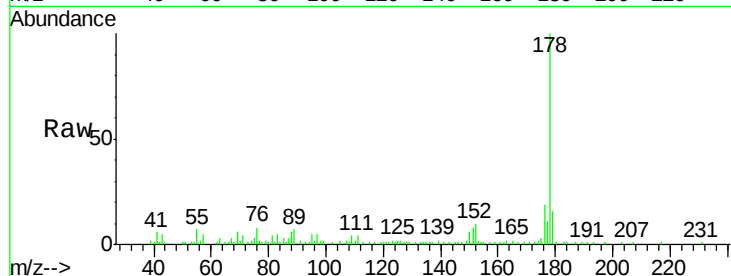
Tgt Ion:178 Resp: 71769

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

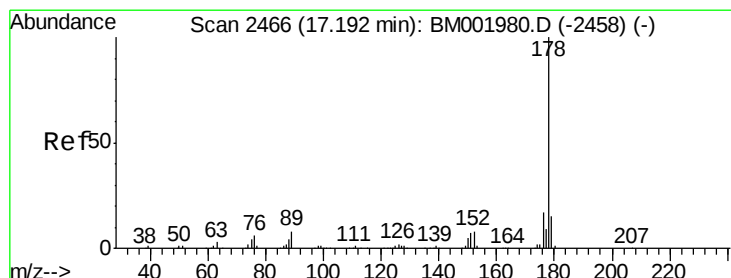
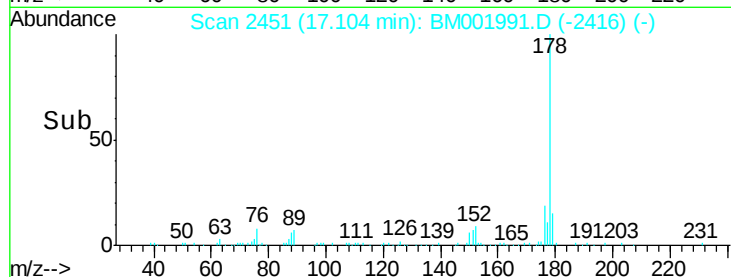
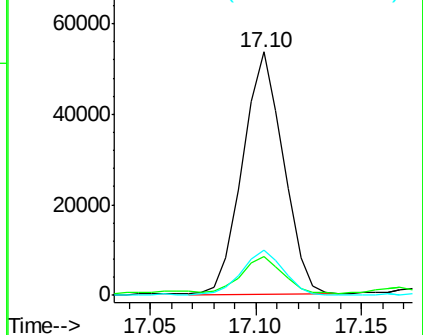
176 18.8 14.5 21.7



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: 2.50 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

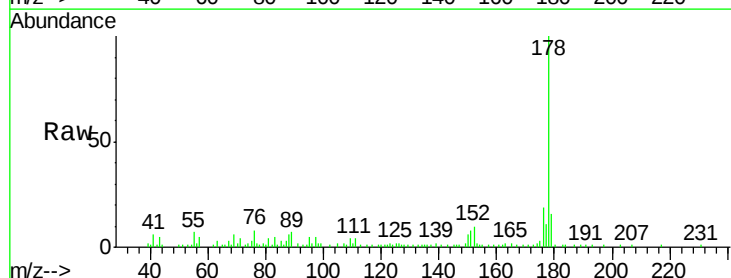
Tgt Ion:178 Resp: 72590

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

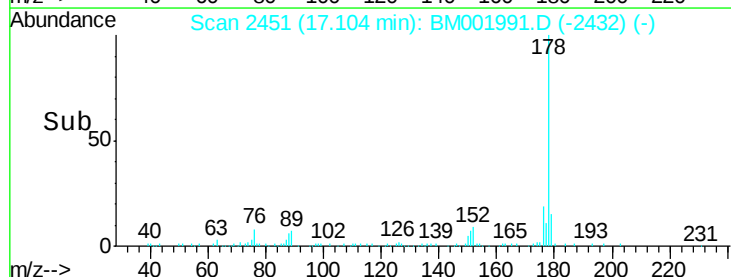
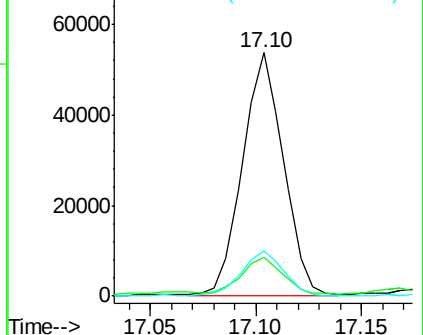
176 18.8 14.2 21.4

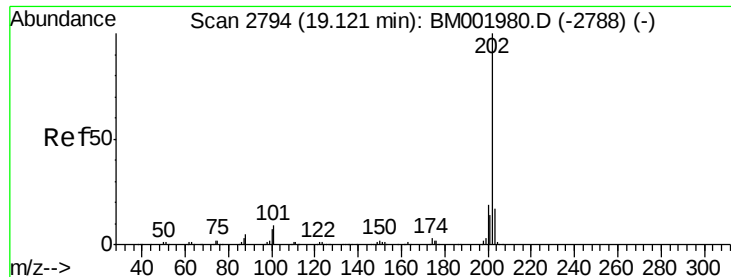


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

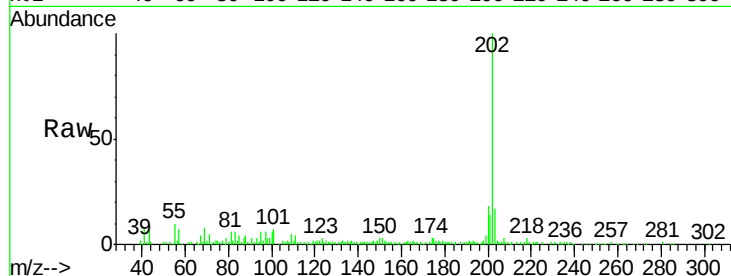




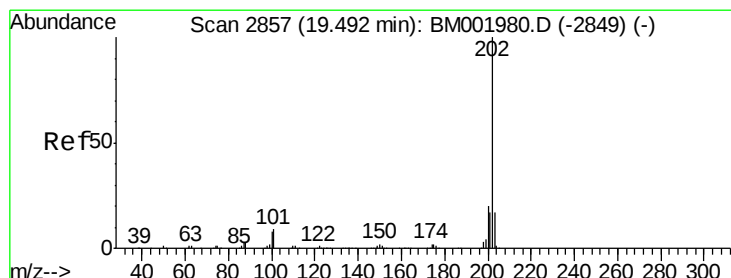
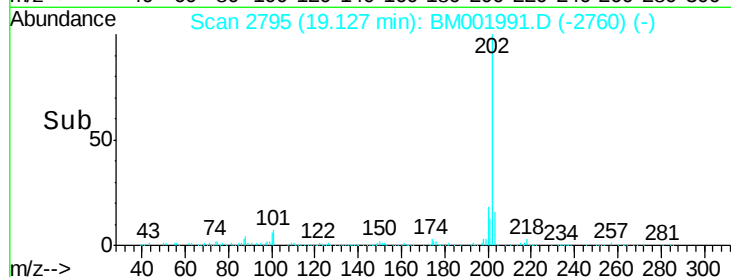
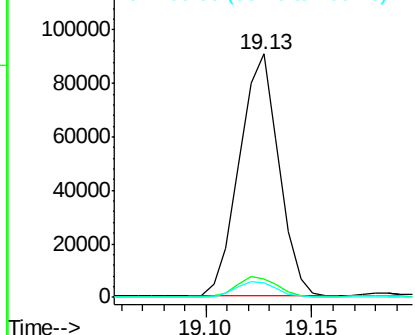
#76
Fluoranthene
Concen: 3.56 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BM001991.D
Acq: 21 Jul 2015 01:39

Instrument :
BNA_M
ClientSampleId :
C02J4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.6	9.8
100	6.0	5.2	7.8

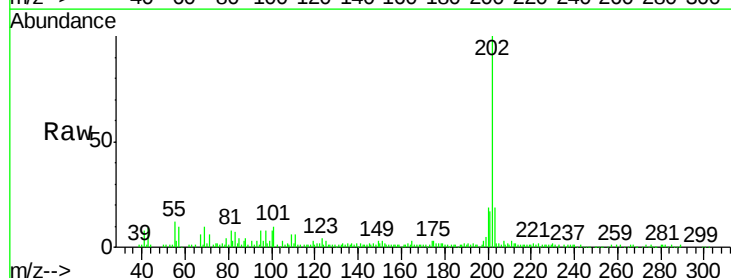


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

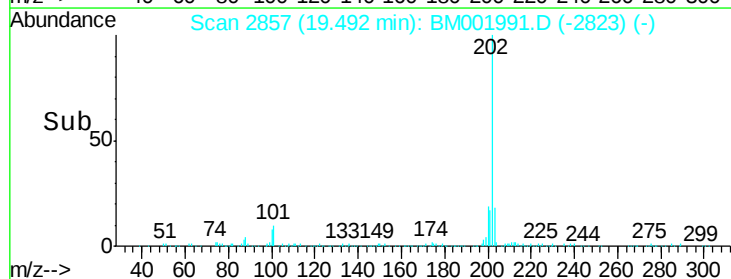
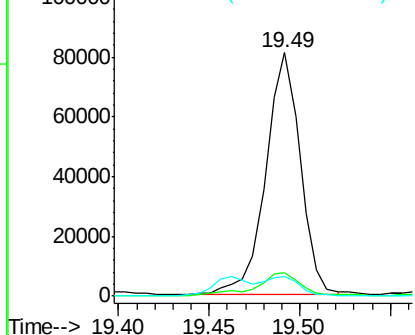


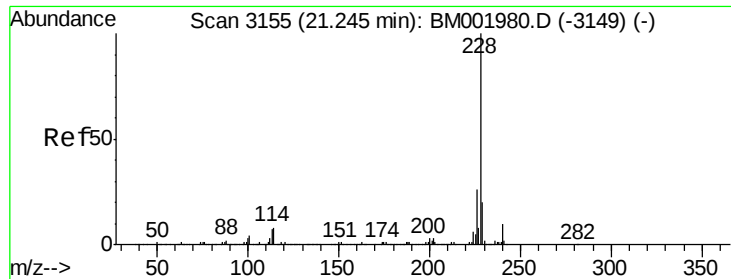
#79
Pyrene
Concen: 4.23 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BM001991.D
Acq: 21 Jul 2015 01:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.4	11.0
100	8.3	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: 2.30 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

Instrument :

BNA_M

ClientSampleId :

C02J4

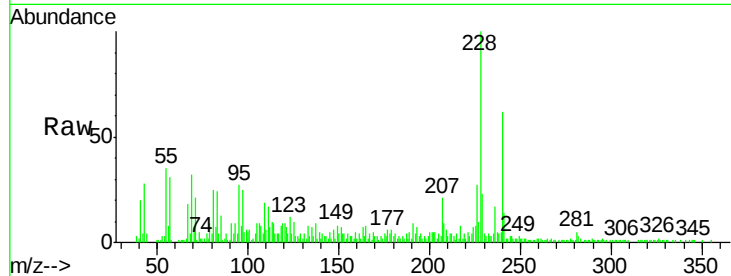
Tgt Ion:228 Resp: 58276

Ion Ratio Lower Upper

228 100

229 23.4 15.2 22.8#

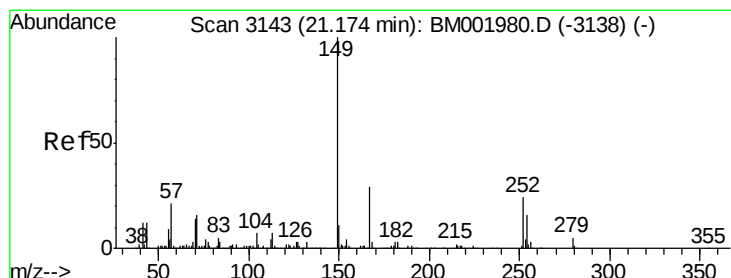
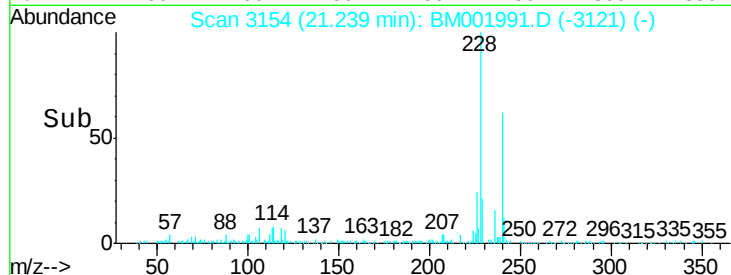
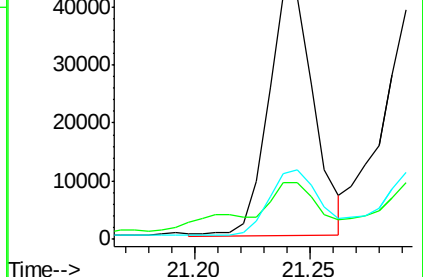
226 26.7 20.8 31.2



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: 2.29 ng/ul

RT: 21.17 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

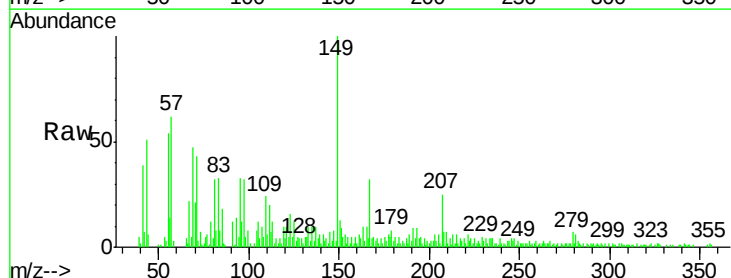
Tgt Ion:149 Resp: 32453

Ion Ratio Lower Upper

149 100

167 31.7 23.4 35.0

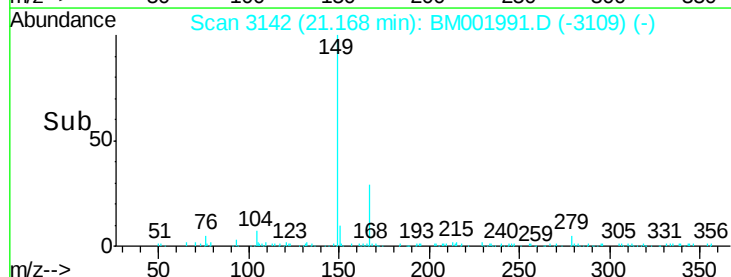
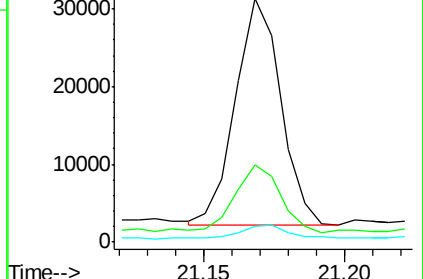
279 6.5 4.0 6.0#

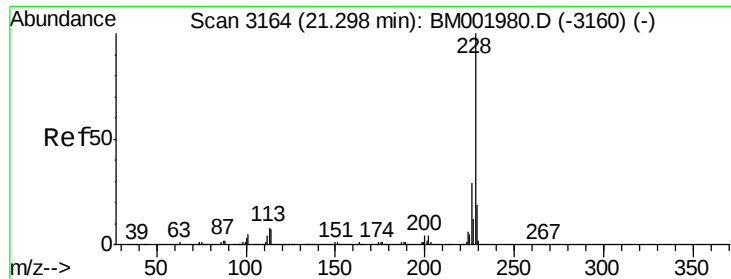


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.52 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

Instrument :

BNA_M

ClientSampled :

C02J4

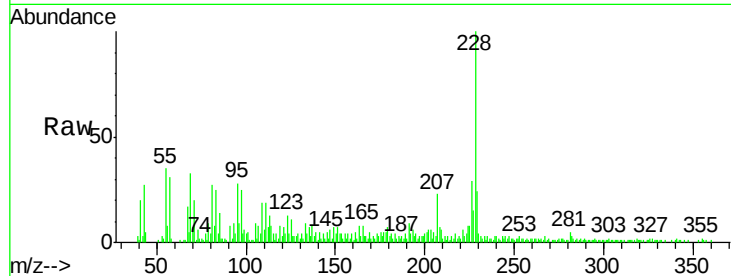
Tgt Ion:228 Resp: 59802

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

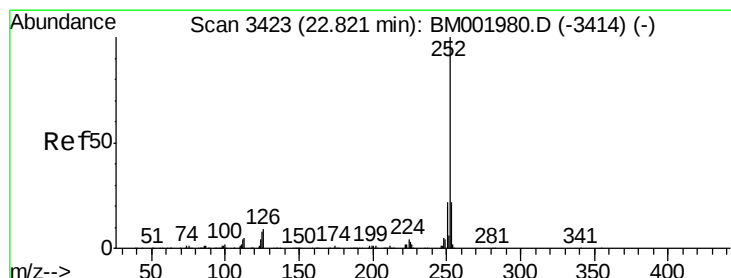
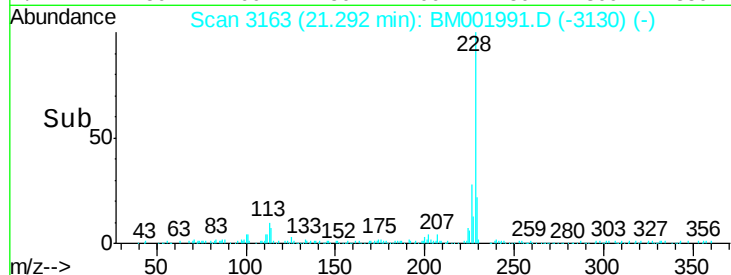
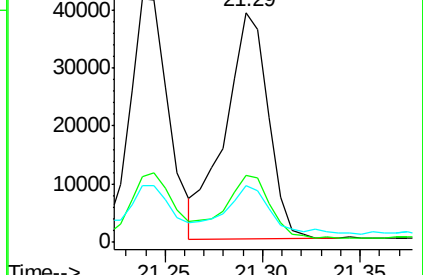
229 24.4 15.4 23.0#



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: 3.46 ng/ul

RT: 22.82 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM001991.D

Acq: 21 Jul 2015 01:39

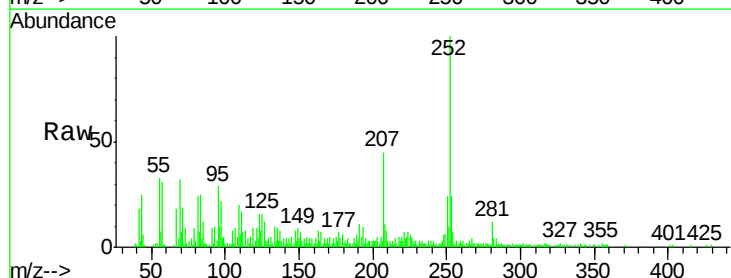
Tgt Ion:252 Resp: 87304

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

125 16.4 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

