

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001993.D
 Acq On : 21 Jul 2015 02:53
 Operator : TP/UM
 Sample : G3000-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02K3

Quant Time: Jul 21 03:28:14 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	116623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	475879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	277321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	559172	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	468862	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	456072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4729	1.98	ng/uL	0.00
5) Phenol-d5	6.83	99	111184	11.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	66956	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	94170	12.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	44298	5.66	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45653	12.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	43302	10.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	92838	11.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	58159	7.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	310025	13.86	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	299575	11.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	32896	8.68	ng/ul	0.00
57) Fluorene-d10	15.31	176	204691	10.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	2301	0.64	ng/ul	0.00
70) Anthracene-d10	17.16	188	264361	10.07	ng/ul	0.00
78) Pyrene-d10	19.46	212	225363	10.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	160913	6.98	ng/ul	0.00

Target Compounds

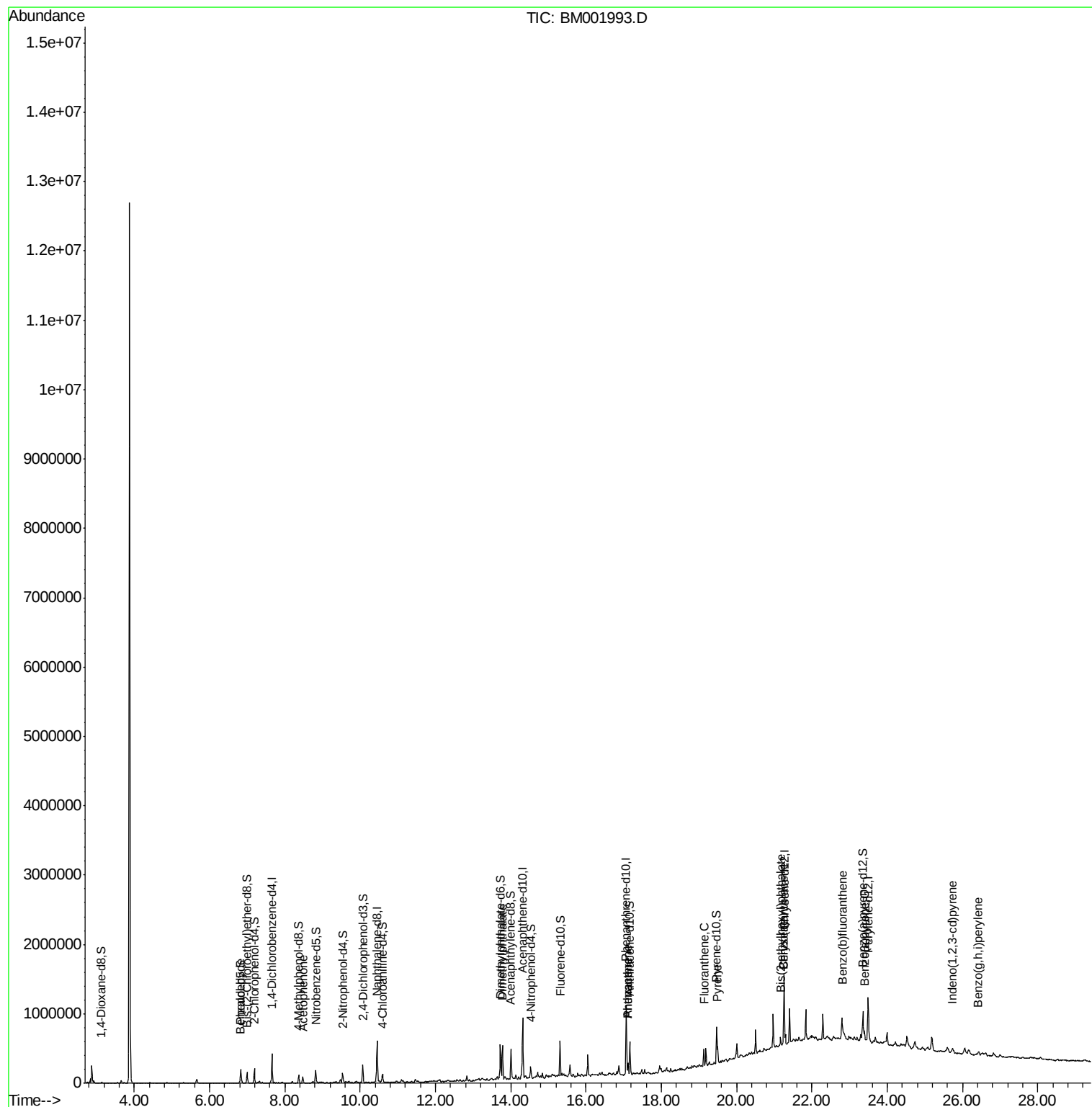
						Qvalue
4) Benzaldehyde	6.80	77	5373	1.17	ng/ul#	82
14) Acetophenone	8.48	105	45661	3.70	ng/ul	92
44) Dimethylphthalate	13.77	163	286630	12.60	ng/ul	99
69) Phenanthrene	17.10	178	95931	3.17	ng/ul	99
71) Anthracene	17.10	178	95966	3.07	ng/ul	99
76) Fluoranthene	19.13	202	158485	4.48	ng/ul	99
79) Pyrene	19.49	202	146576	5.23	ng/ul	98
82) Benzo(a)anthracene	21.24	228	69031	2.47	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.17	149	40940	2.62	ng/ul#	99
84) Chrysene	21.24	228	71323	2.73	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	108466	3.88	ng/ul#	85
90) Benzo(a)pyrene	23.39	252	66696	2.54	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.73	276	56469	2.05	ng/ul	94
93) Benzo(g,h,i)perylene	26.43	276	59396	2.62	ng/ul	95

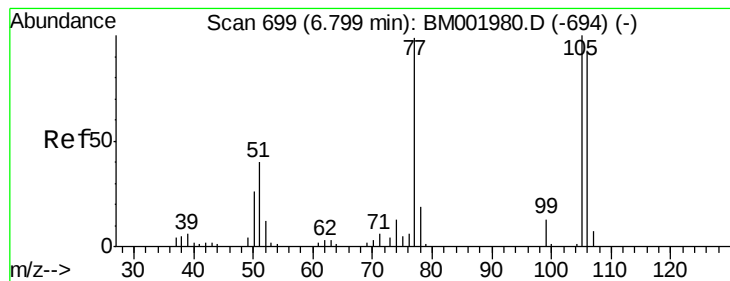
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.17 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

Instrument :

BNA_M

ClientSampleId :

C02K3

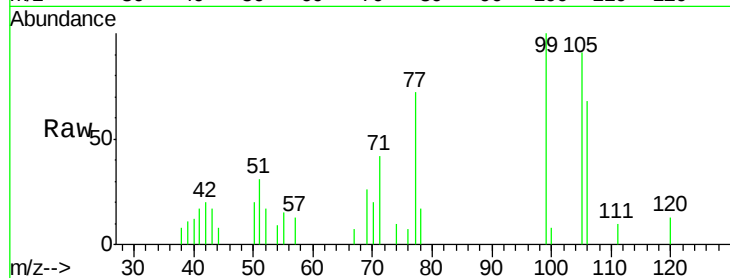
Tgt Ion: 77 Resp: 5373

Ion Ratio Lower Upper

77 100

105 126.9 77.1 115.7#

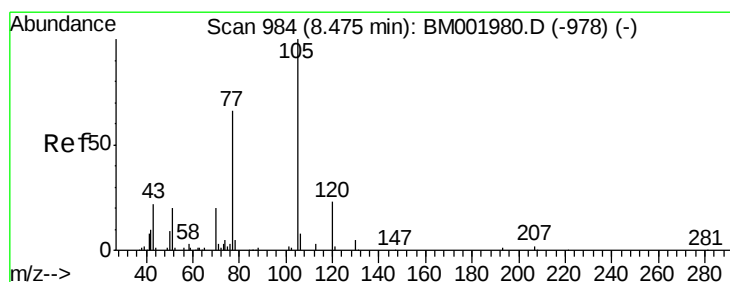
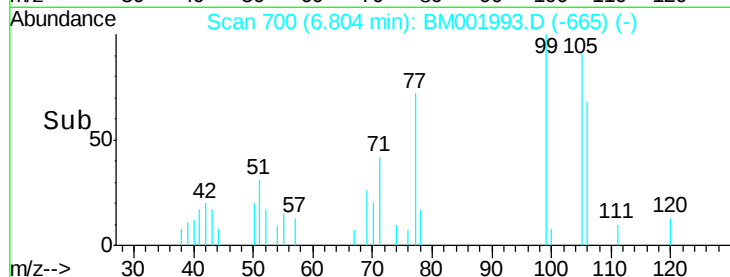
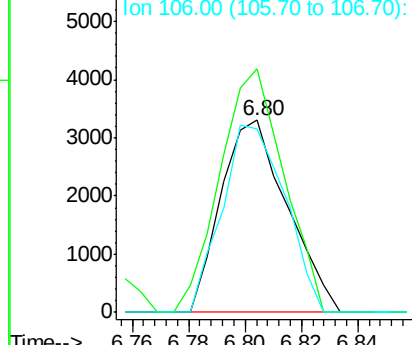
106 95.4 73.1 109.7



Abundance Ion 77.00 (76.70 to 77.70): BM001993.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM001993.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM001993.D (-665) (-)



#14

Acetophenone

Concen: 3.70 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

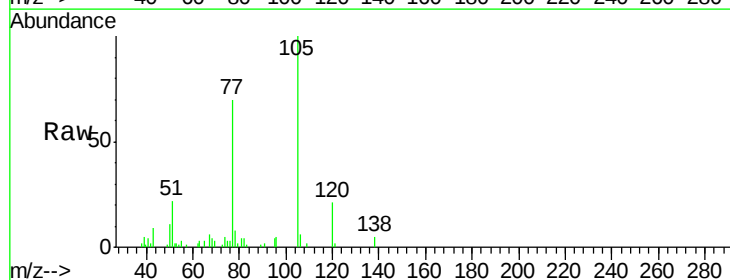
Tgt Ion: 105 Resp: 45661

Ion Ratio Lower Upper

105 100

77 70.0 61.7 92.5

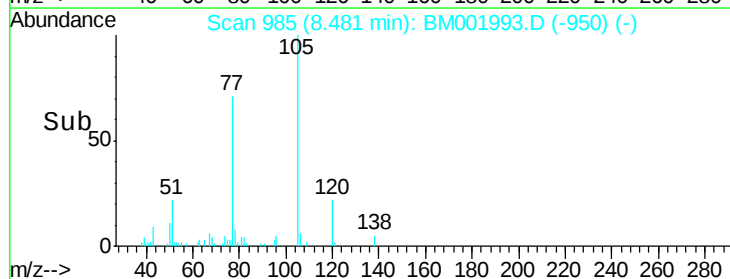
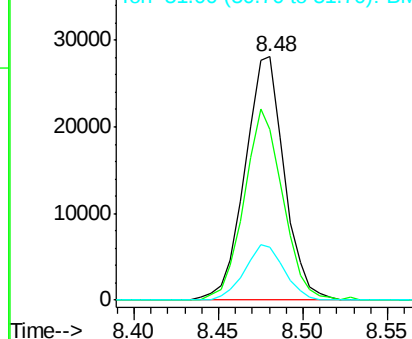
51 21.6 20.2 30.4

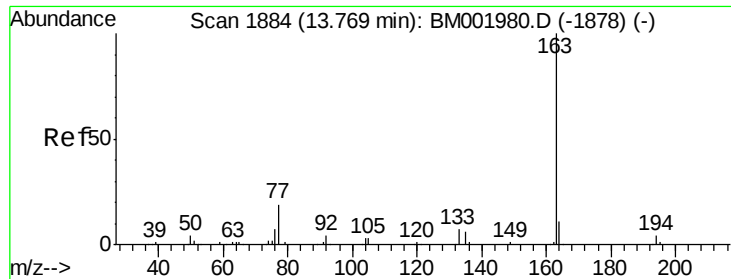


Abundance Ion 105.00 (104.70 to 105.70): BM001993.D (-950) (-)

Ion 77.00 (76.70 to 77.70): BM001993.D (-950) (-)

Ion 51.00 (50.70 to 51.70): BM001993.D (-950) (-)





#44

Dimethylphthalate

Concen: 12.60 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

Instrument :

BNA_M

ClientSampleId :

C02K3

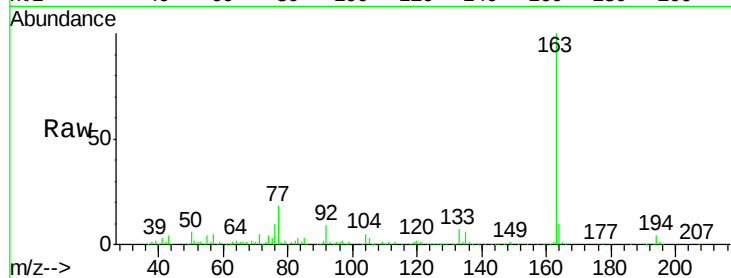
Tgt Ion:163 Resp: 286630

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

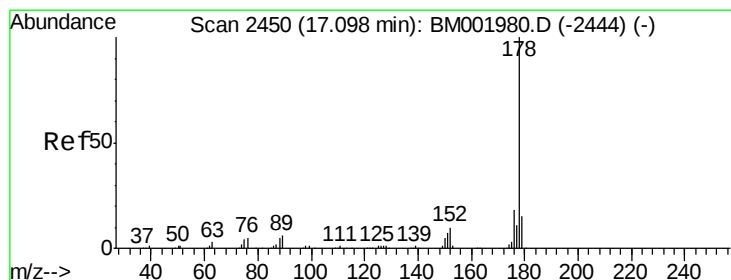
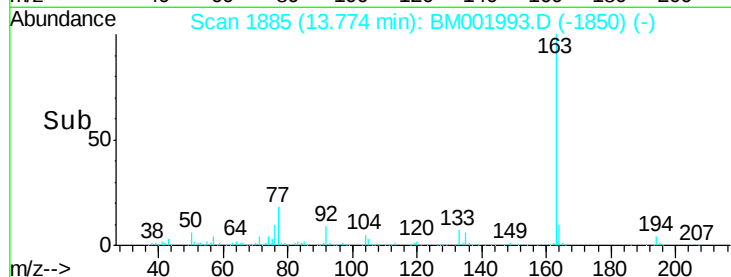
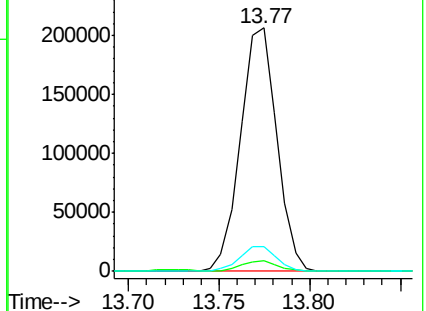
164 10.1 7.6 11.4



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: 3.17 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

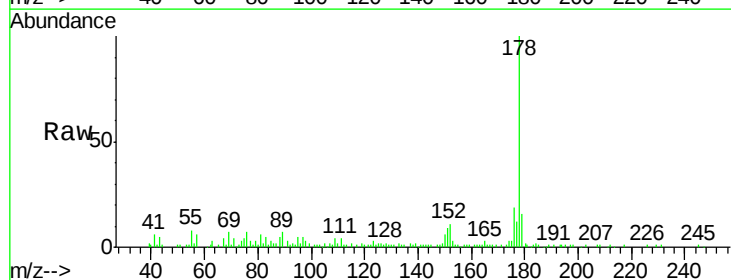
Tgt Ion:178 Resp: 95931

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

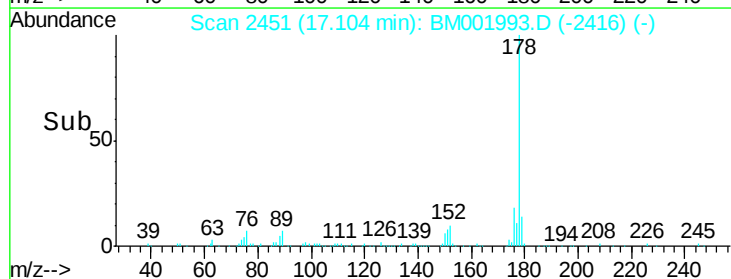
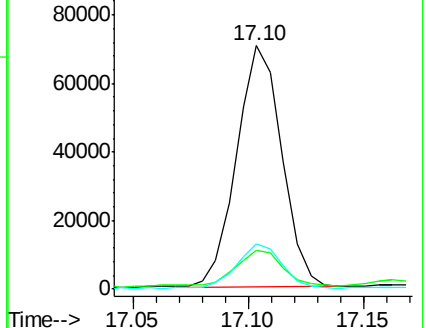
176 18.5 14.5 21.7

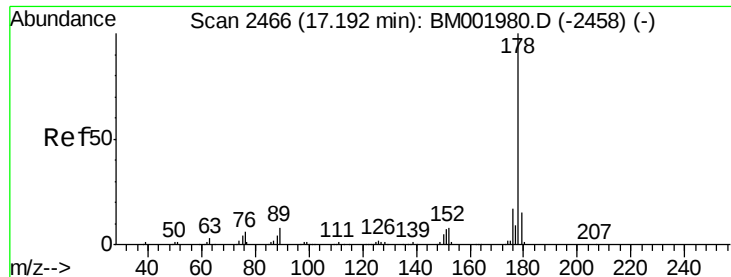


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 3.07 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

Instrument :

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ClientSampleId :

C02K3

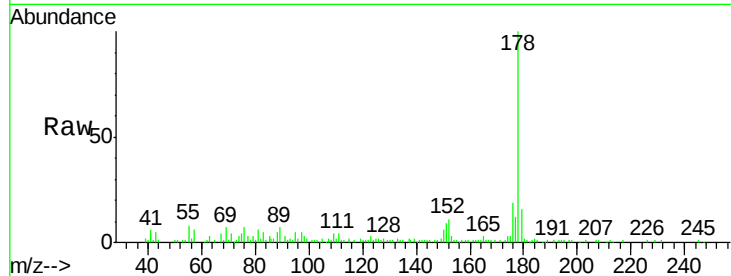
Tgt Ion:178 Resp: 95966

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

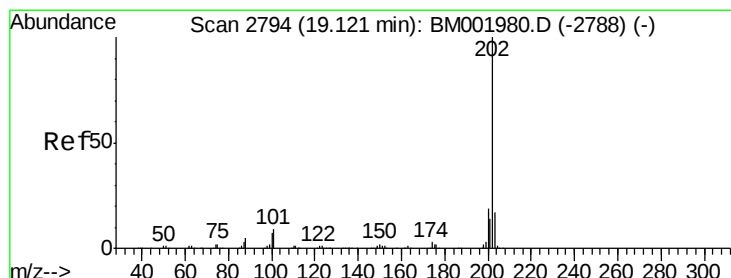
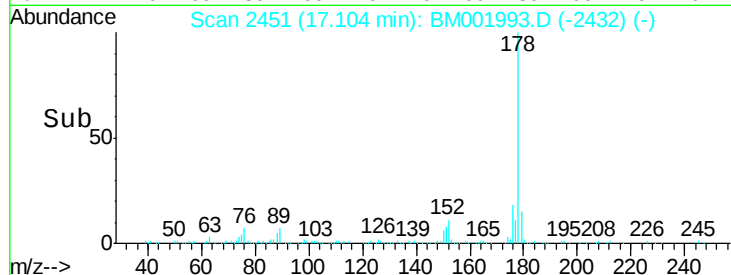
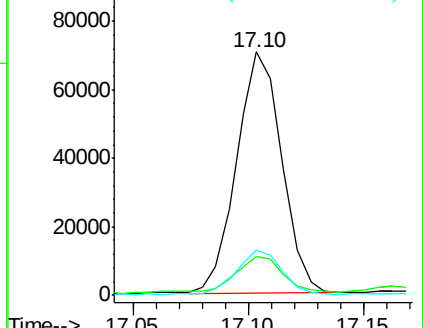
176 18.5 14.2 21.4



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: 4.48 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

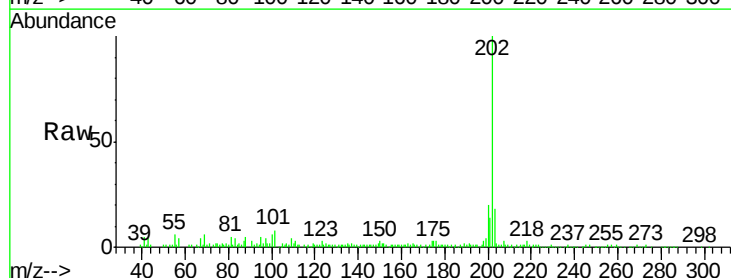
Tgt Ion:202 Resp: 158485

Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

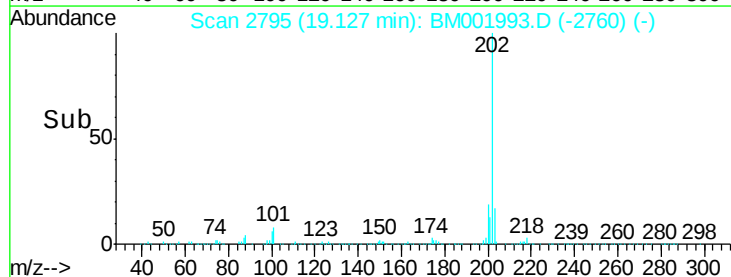
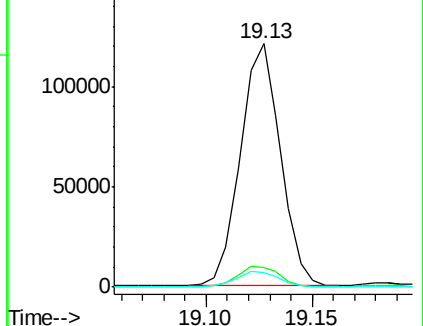
100 6.1 5.2 7.8

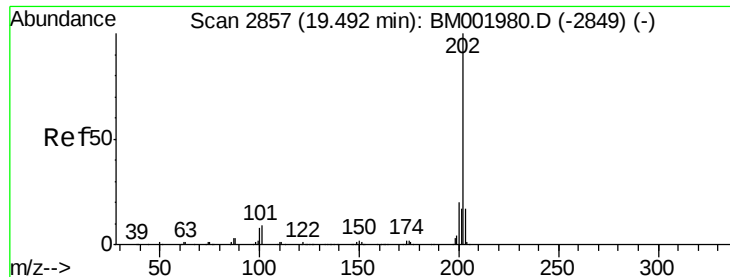


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 5.23 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

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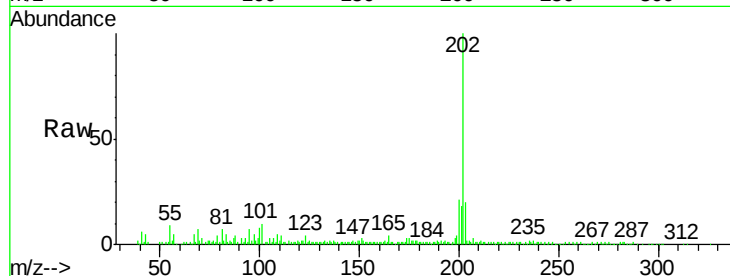
Tgt Ion:202 Resp: 146576

Ion Ratio Lower Upper

202 100

101 9.7 7.4 11.0

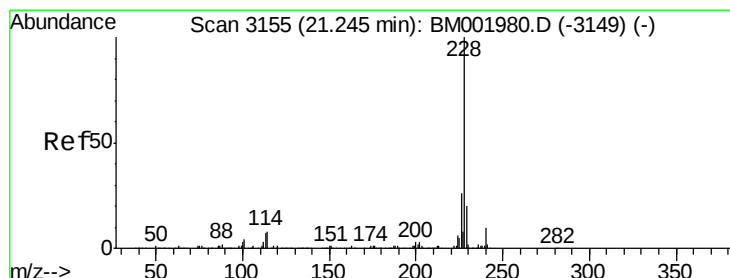
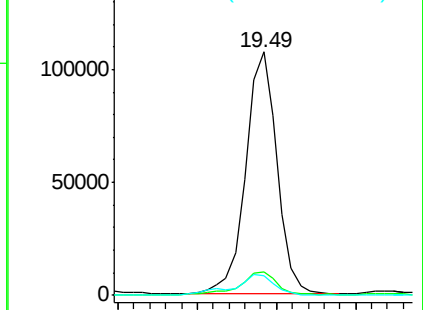
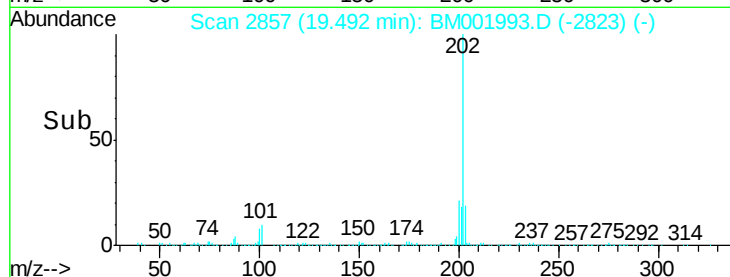
100 8.2 5.9 8.9



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: 2.47 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BM001993.D

Acq: 21 Jul 2015 02:53

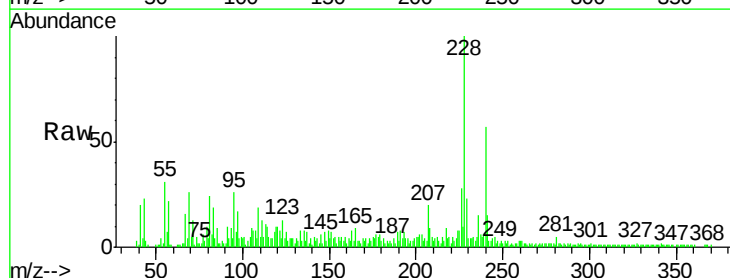
Tgt Ion:228 Resp: 69031

Ion Ratio Lower Upper

228 100

229 23.0 15.2 22.8#

226 28.0 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

