

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004020.D
 Acq On : 14 Jan 2016 19:44
 Operator : SJ/UM
 Sample : H1099-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC996

Quant Time: Jan 15 00:32:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 00:28:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41119	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	195507	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	114068	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	241505	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	194893	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	180741	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3848	4.19	ng/uL	0.00
5) Phenol-d5	6.85	99	99618	29.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	56151	29.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	83722	29.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	73270	26.49	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	41381	28.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	45720	28.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	79125	27.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	89088	23.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	258538	28.87	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	320110	29.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	35715	22.21	ng/ul	0.00
58) Fluorene-d10	15.32	176	226104	29.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	26402	19.39	ng/ul	0.00
71) Anthracene-d10	17.17	188	321977	28.83	ng/ul	0.00
79) Pyrene-d10	19.47	212	320635	31.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	266457	29.52	ng/ul	0.00

Target Compounds

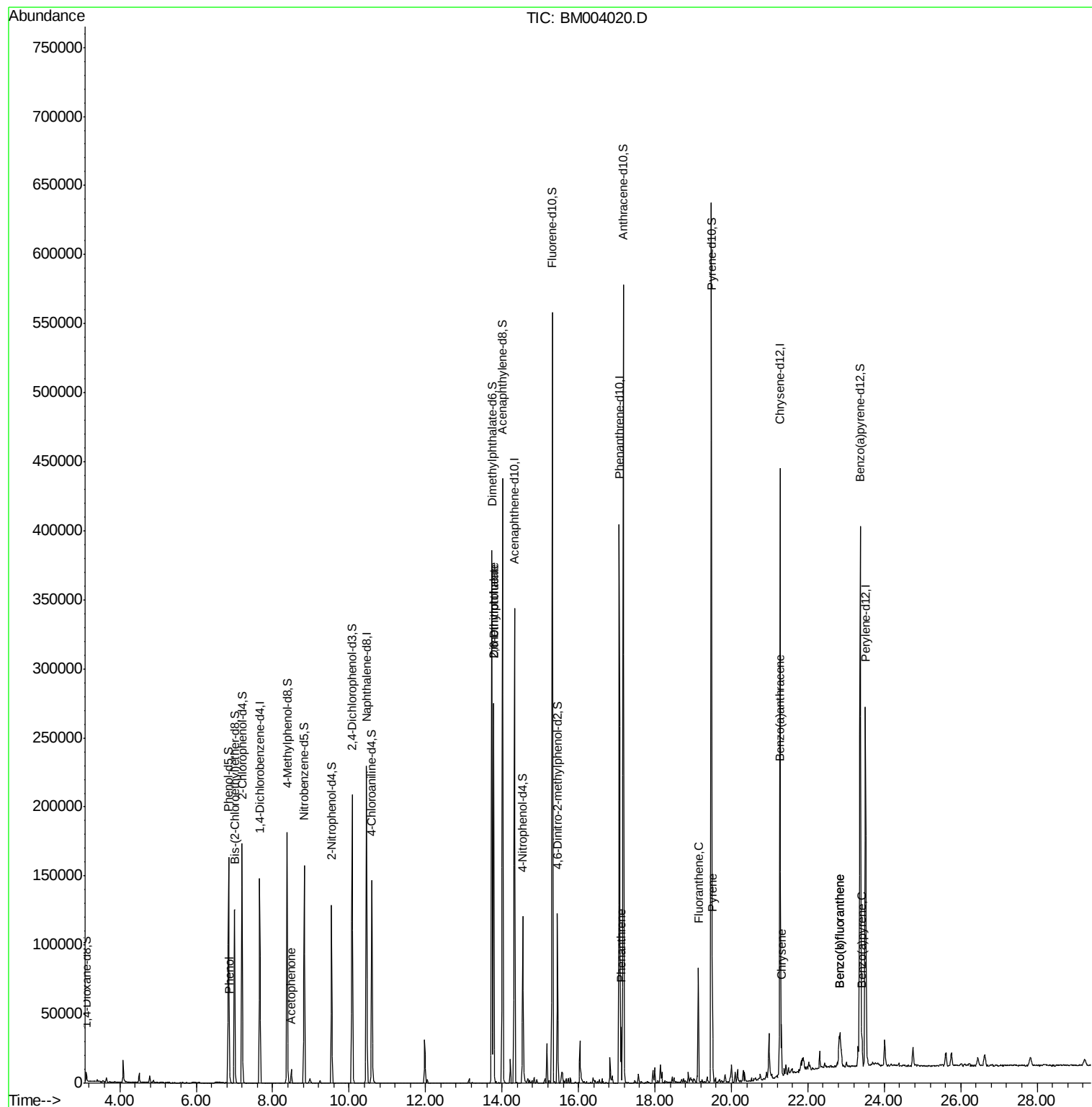
						Qvalue
6) Phenol	6.87	94	4380	1.22	ng/ul	94
14) Acetophenone	8.49	105	6379	1.48	ng/ul	93
45) Dimethylphthalate	13.78	163	179637	19.68	ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	1863	1.04	ng/ul#	41
70) Phenanthrene	17.12	178	26975	1.99	ng/ul	99
77) Fluoranthene	19.14	202	49556	3.51	ng/ul	99
80) Pyrene	19.50	202	51249	3.87	ng/ul	98
83) Benzo(a)anthracene	21.26	228	20306	1.75	ng/ul	98
85) Chrysene	21.31	228	22339	2.03	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	21898	1.99	ng/ul#	93
89) Benzo(k)fluoranthene	22.84	252	13927	1.33	ng/ul#	92
91) Benzo(a)pyrene	23.41	252	17247	1.66	ng/ul	97

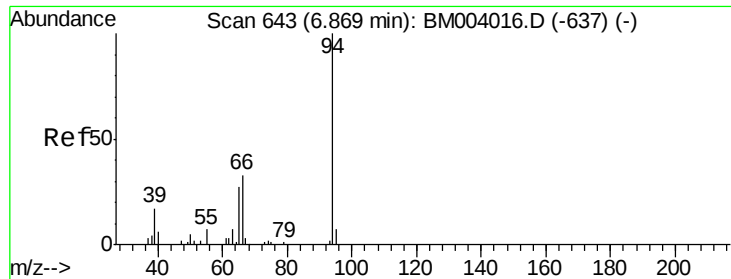
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.22 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

Instrument :

BNA_M

ClientSampleId :

BC996

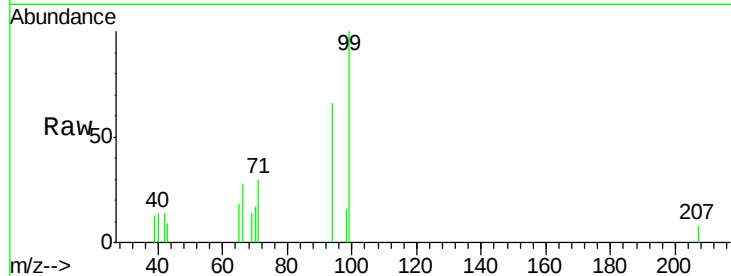
Tgt Ion: 94 Resp: 4380

Ion Ratio Lower Upper

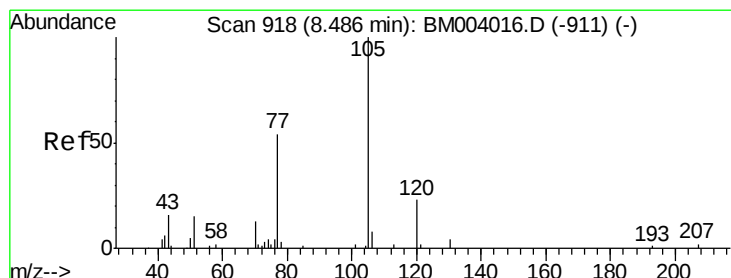
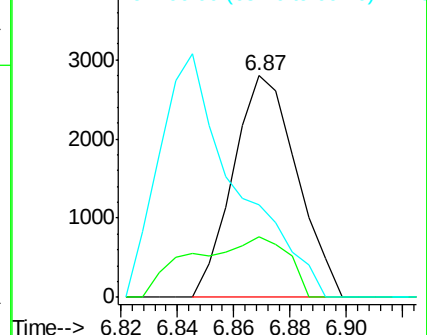
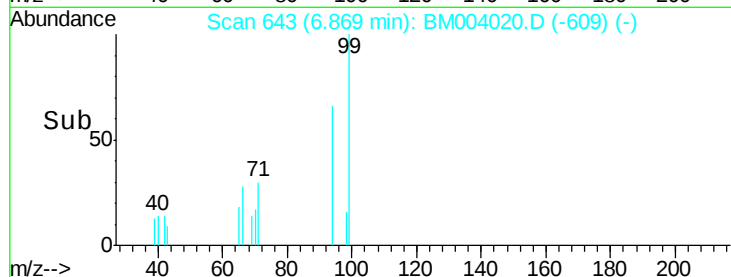
94 100

65 27.5 21.0 31.6

66 41.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004020.D (-609) (-)



#14

Acetophenone

Concen: 1.48 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

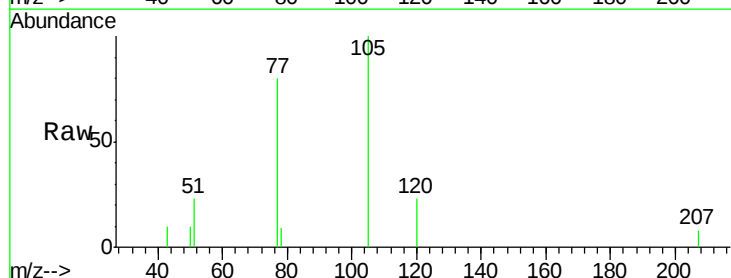
Tgt Ion: 105 Resp: 6379

Ion Ratio Lower Upper

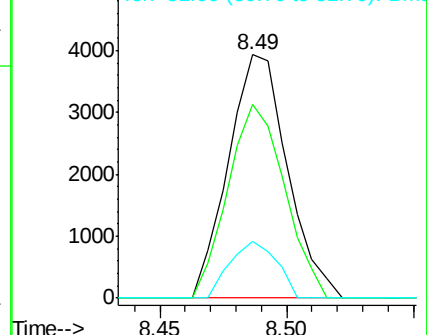
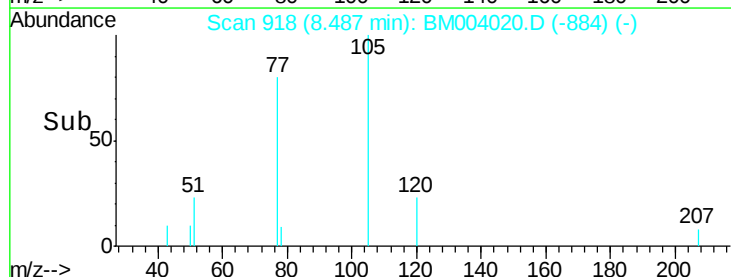
105 100

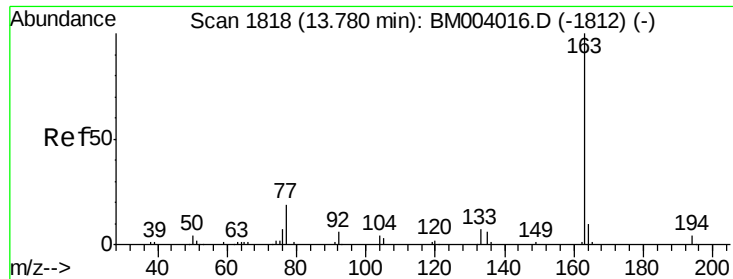
77 79.5 59.0 88.4

51 23.4 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): BM004020.D (-884) (-)





#45

Dimethylphthalate

Concen: 19.68 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

Instrument :

BNA_M

ClientSampleId :

BC996

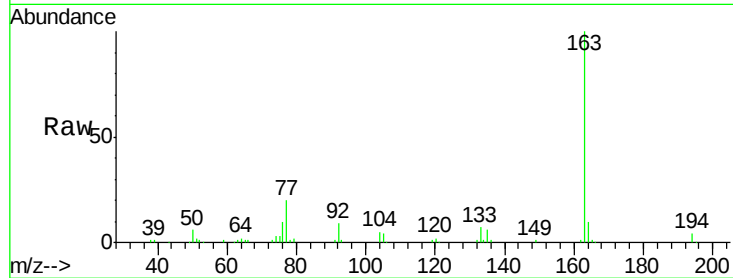
Tgt Ion:163 Resp: 179637

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

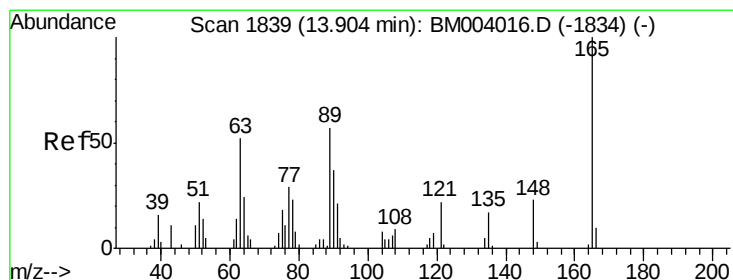
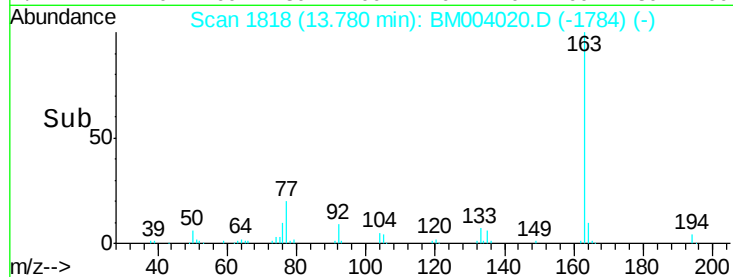
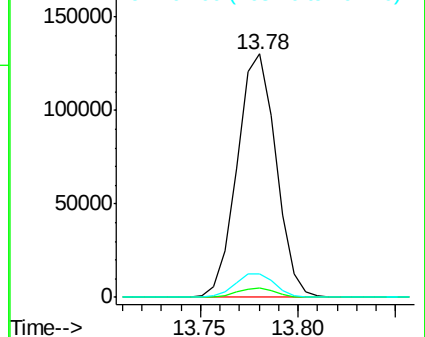
164 9.9 7.8 11.8



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



#46

2,6-Dinitrotoluene

Concen: 1.04 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.12 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

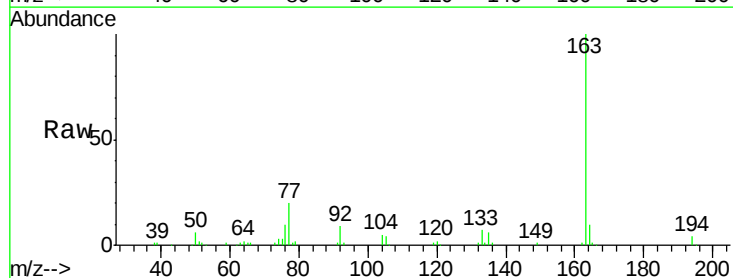
Tgt Ion:165 Resp: 1863

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

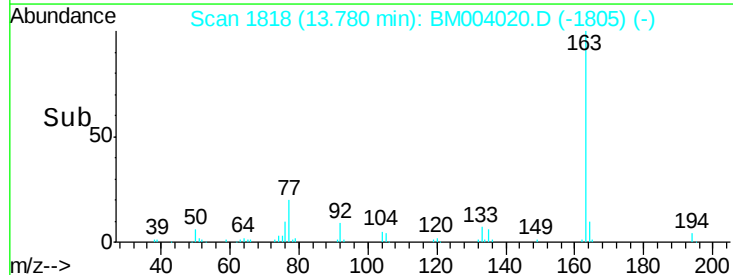
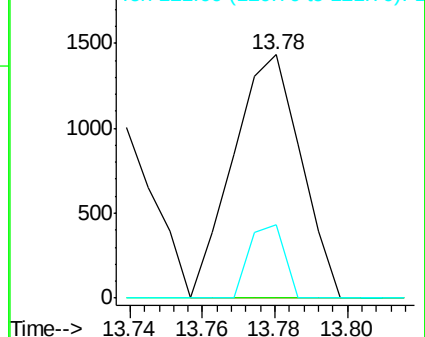
121 30.0 16.6 24.8#

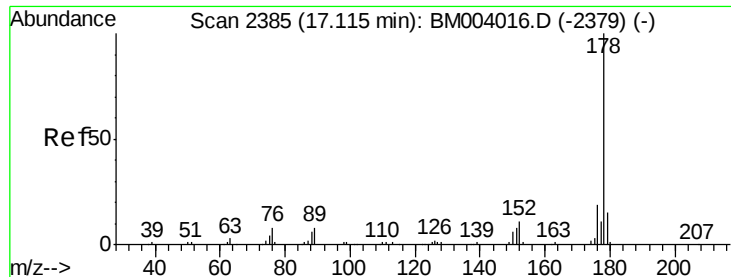


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#70

Phenanthrene

Concen: 1.99 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

Instrument :

BNA_M

ClientSampleId :

BC996

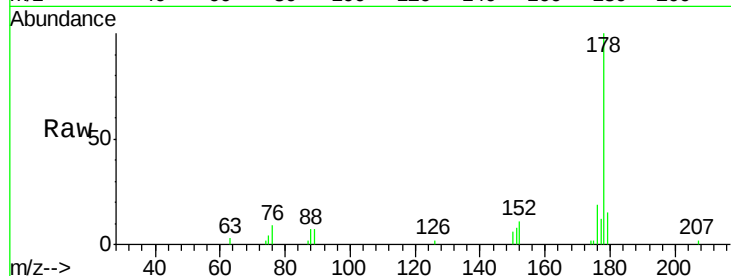
Tgt Ion:178 Resp: 26975

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

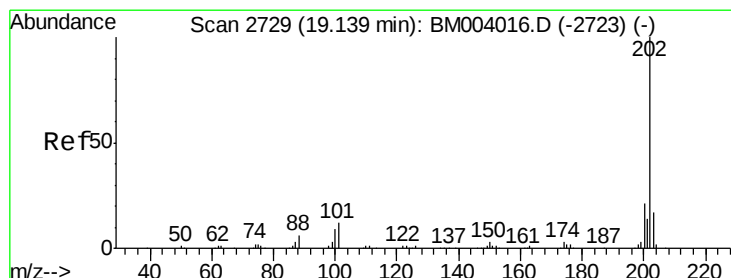
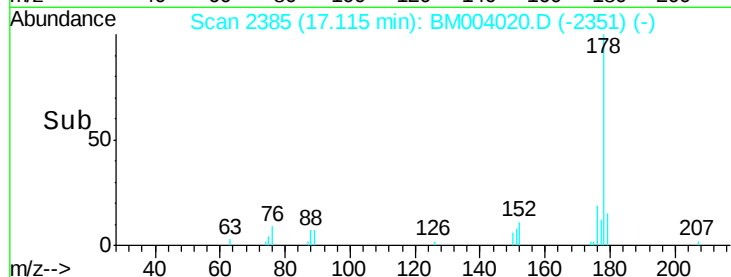
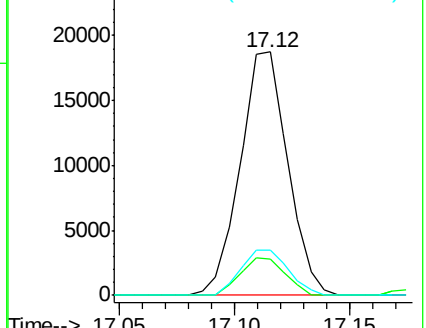
176 18.7 15.6 23.4



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: 3.51 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

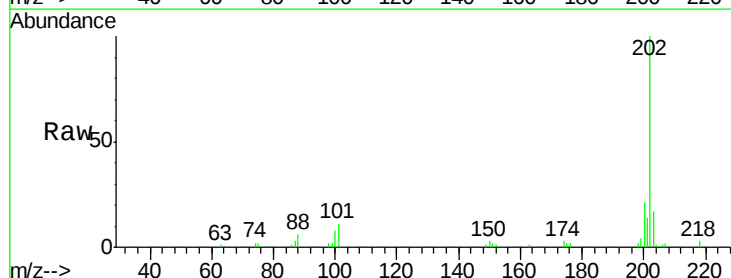
Tgt Ion:202 Resp: 49556

Ion Ratio Lower Upper

202 100

101 11.4 8.8 13.2

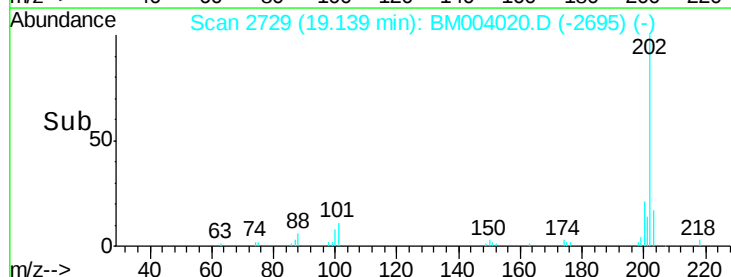
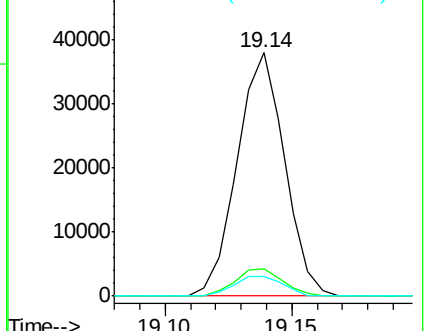
100 8.3 6.6 9.8

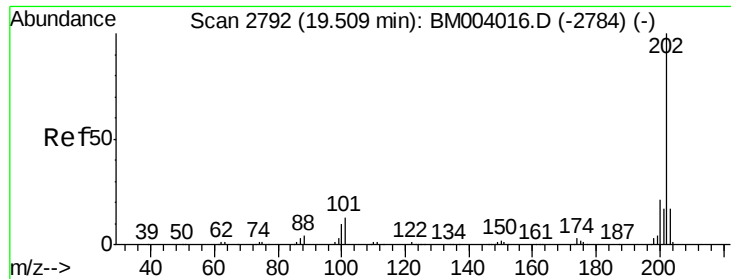


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

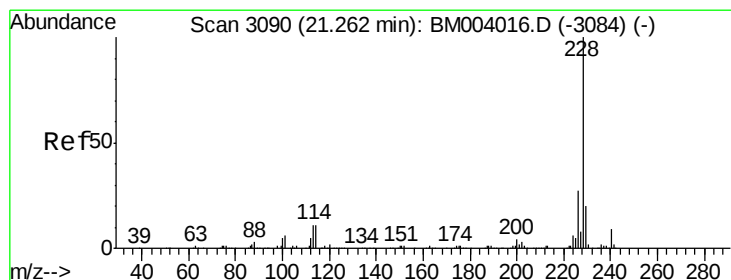
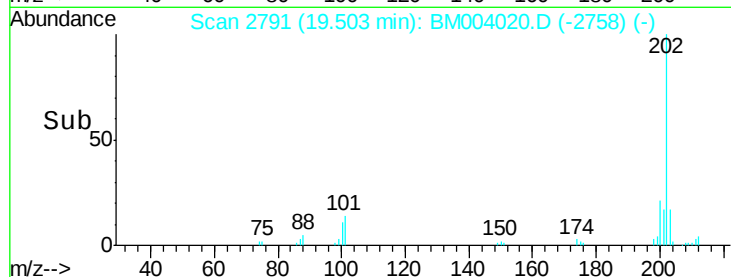
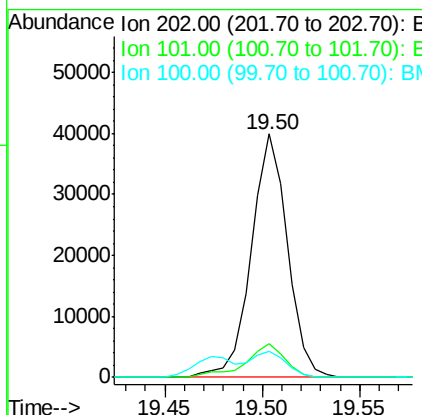
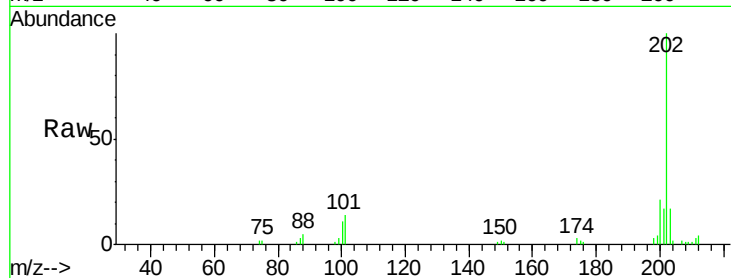




#80
 Pyrene
 Concen: 3.87 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM004020.D
 Acq: 14 Jan 2016 19:44

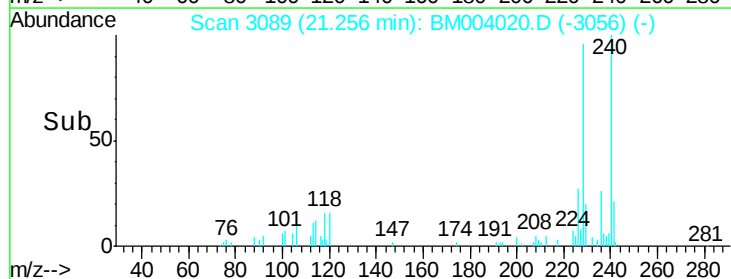
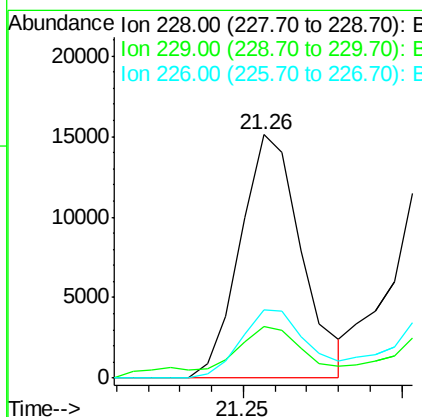
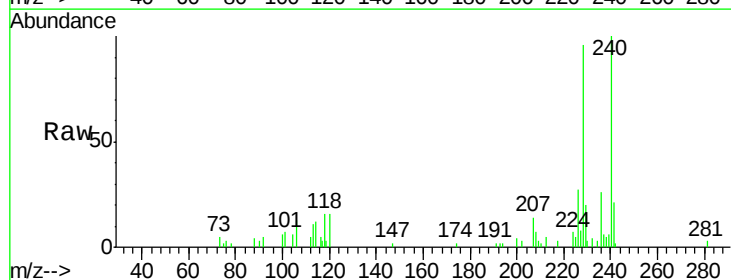
Instrument :
 BNA_M
 ClientSampled :
 BC996

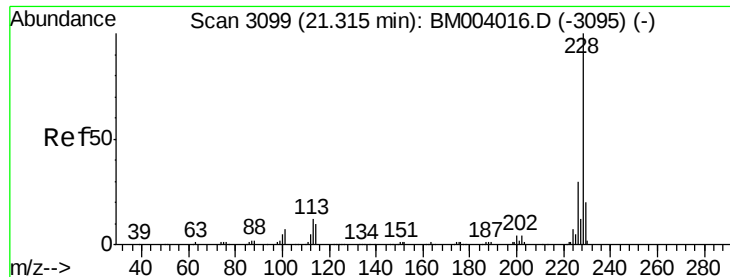
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.2	15.2
100	10.6	8.5	12.7



#83
 Benzo(a)anthracene
 Concen: 1.75 ng/ul
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM004020.D
 Acq: 14 Jan 2016 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	28.2	21.8	32.6





#85

Chrysene

Concen: 2.03 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

Instrument :

BNA_M

ClientSampleId :

BC996

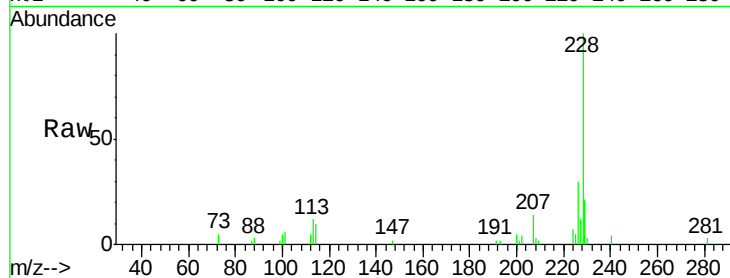
Tgt Ion:228 Resp: 22339

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

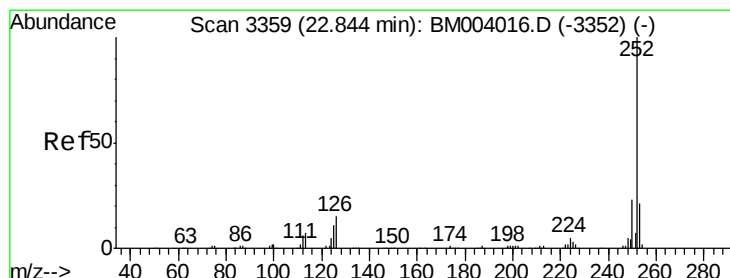
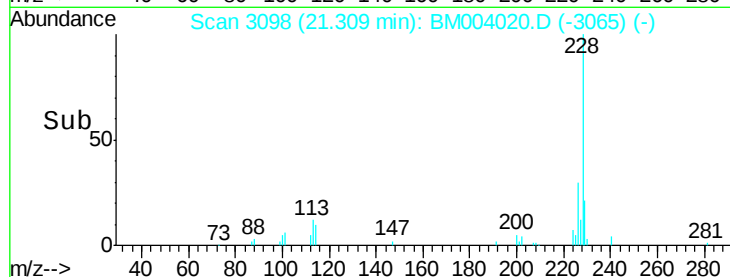
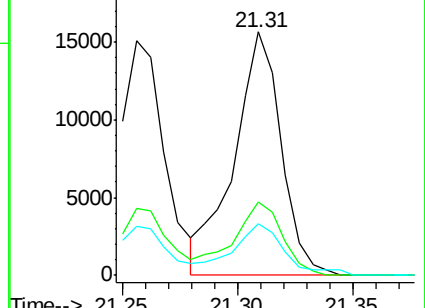
229 21.3 15.6 23.4



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: 1.99 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

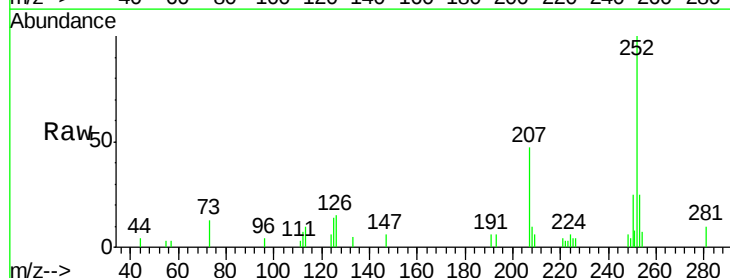
Tgt Ion:252 Resp: 21898

Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

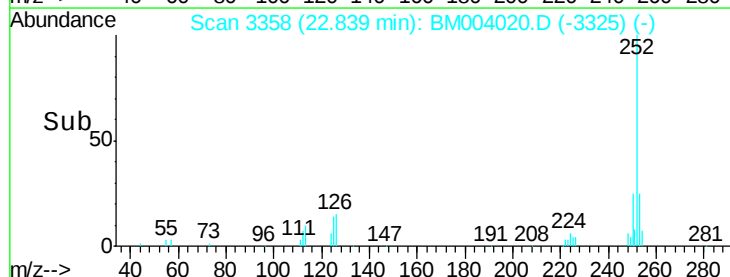
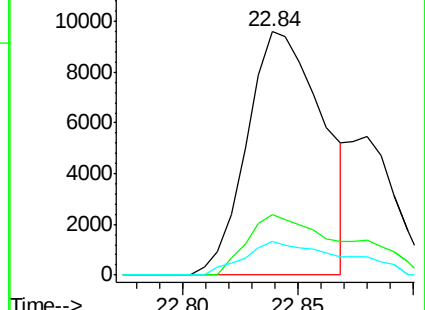
125 13.9 8.5 12.7#

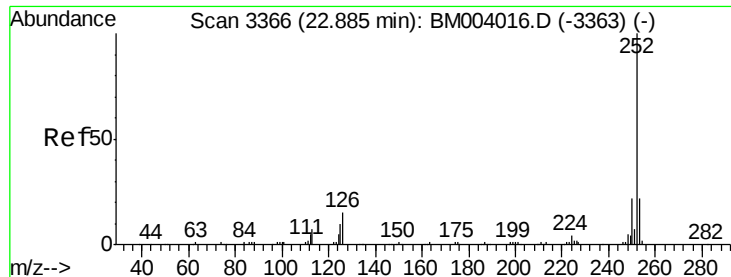


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.33 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

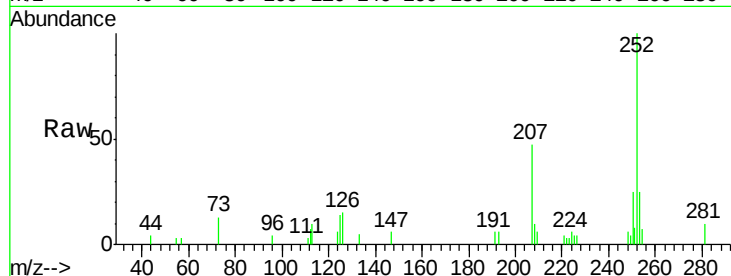
Instrument :

BNA_M

ClientSampleId :

BC996

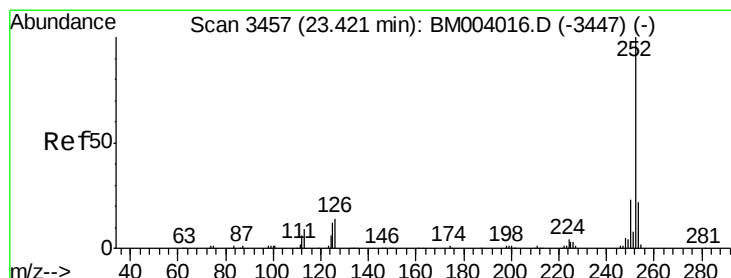
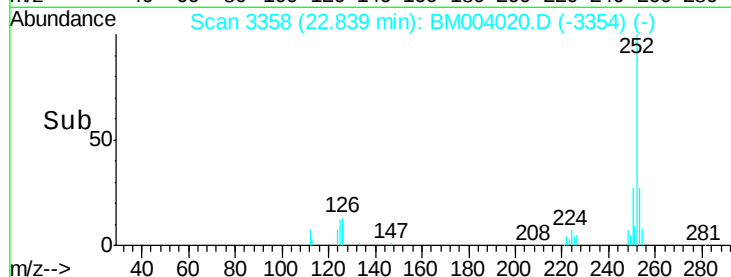
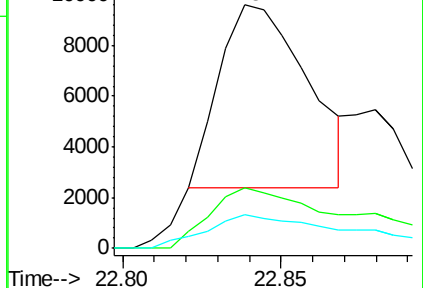
Tgt Ion:	252	Resp:	13927
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.3	25.9
125	13.9	8.2	12.2#



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: 1.66 ng/ul

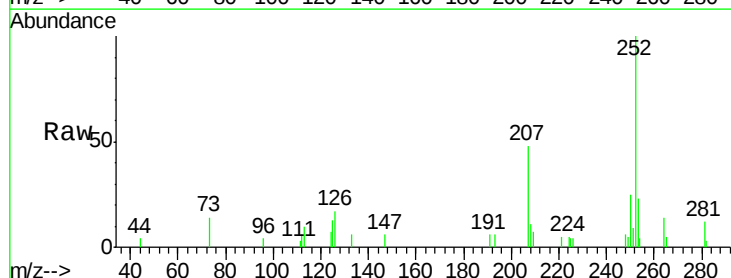
RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM004020.D

Acq: 14 Jan 2016 19:44

Tgt Ion:	252	Resp:	17247
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	12.8	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

