

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003161.D
 Acq On : 17 Nov 2015 02:14
 Operator : UM/IZ
 Sample : G4323-31
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Quant Time: Nov 17 02:49:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 02:43:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	156677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	722320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	407970	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	813450	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	769437	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	764784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8236	2.48	ng/uL	0.00
5) Phenol-d5	6.90	99	163430	13.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	96512	13.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	142256	13.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	117709	11.79	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	68543	15.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	73045	16.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	135875	13.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	104364	8.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	444127	14.47	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	488155	12.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	60718	11.74	ng/ul	0.00
58) Fluorene-d10	15.39	176	352535	13.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	46277	12.28	ng/ul	0.00
71) Anthracene-d10	17.23	188	442515	12.27	ng/ul	0.00
79) Pyrene-d10	19.53	212	418608	11.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	357283	9.83	ng/ul	0.00

Target Compounds

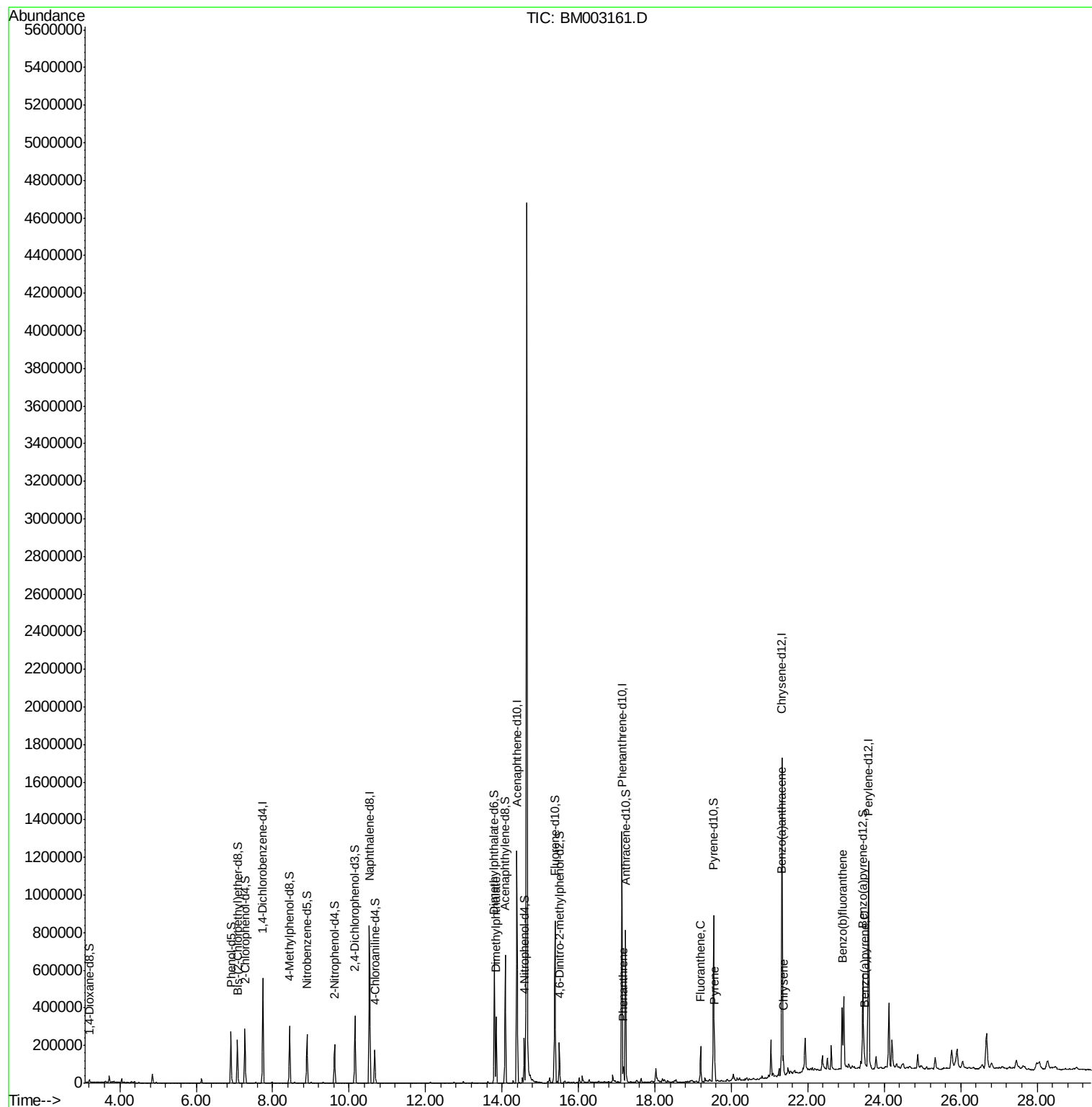
						Ovalue
45) Dimethylphthalate	13.84	163	217738	6.96	ng/ul	99
70) Phenanthrene	17.18	178	54682	1.19	ng/ul	99
77) Fluoranthene	19.20	202	110377	2.37	ng/ul	96
80) Pyrene	19.56	202	97980	1.95	ng/ul#	93
83) Benzo(a)anthracene	21.31	228	44436	1.05	ng/ul	97
85) Chrysene	21.36	228	51711	1.24	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	66997	1.52	ng/ul	96
91) Benzo(a)pyrene	23.49	252	44115	1.06	ng/ul	95

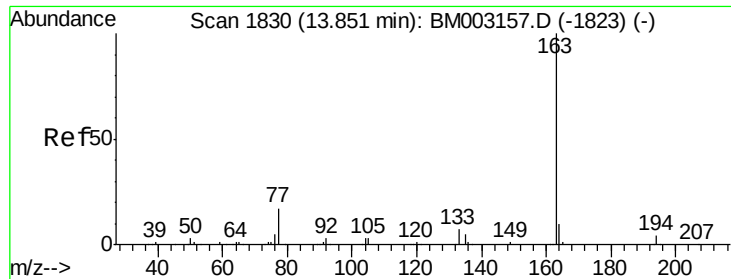
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.96 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

Instrument :

BNA_M

ClientSampled :

A4J60

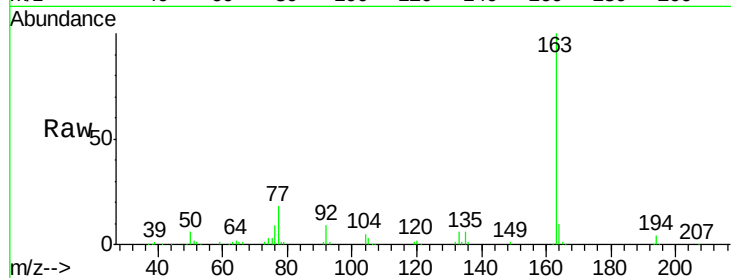
Tot Ion:163 Resp: 217738

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

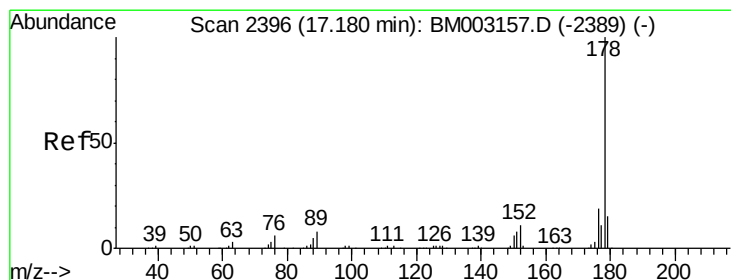
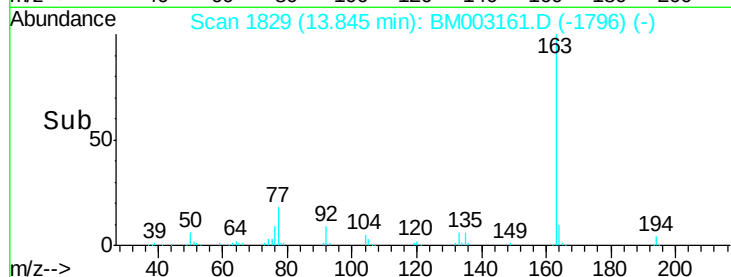
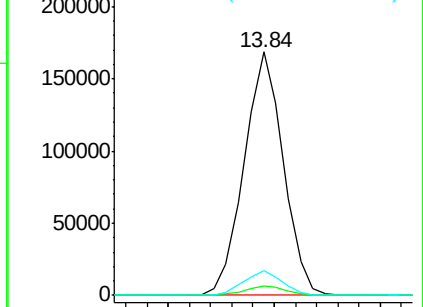
164 10.2 7.8 11.8



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



#70

Phenanthrene

Concen: 1.19 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

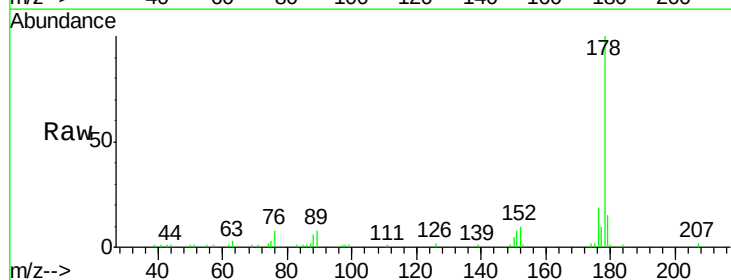
Tgt Ion:178 Resp: 54682

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

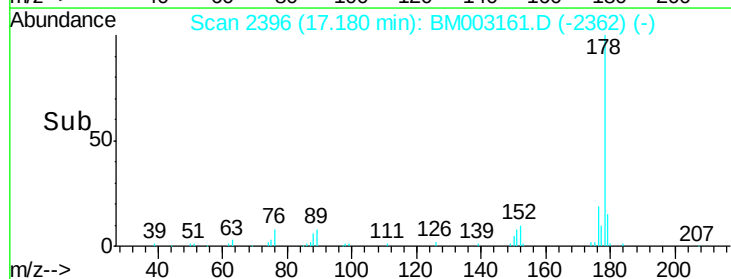
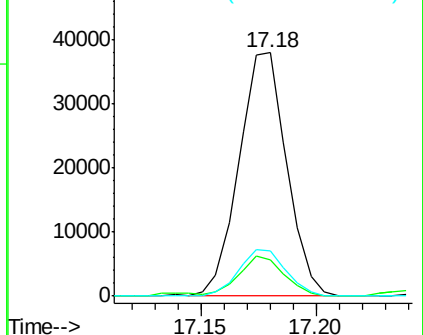
176 18.8 14.7 22.1

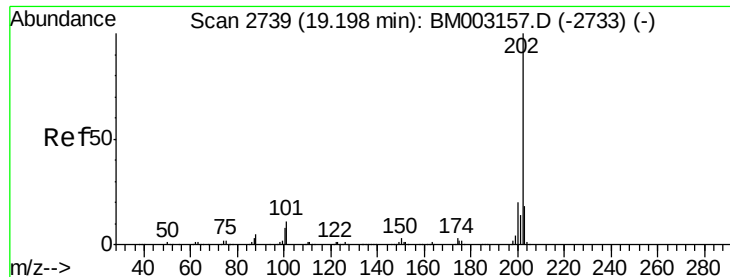


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

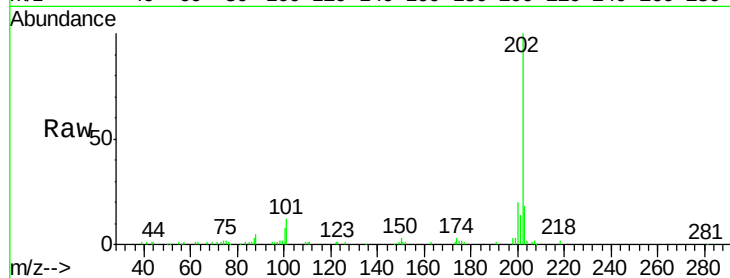




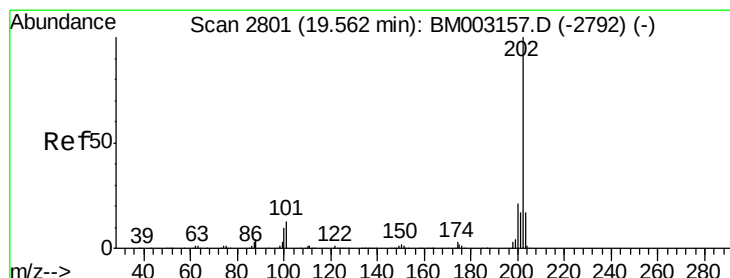
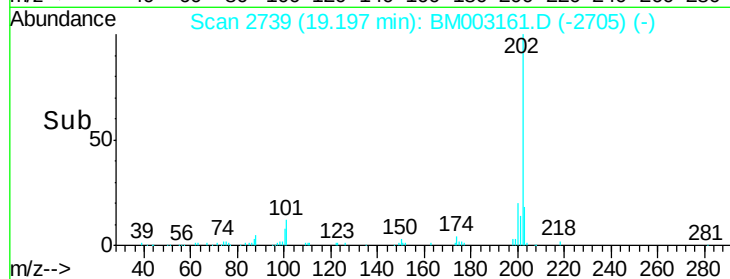
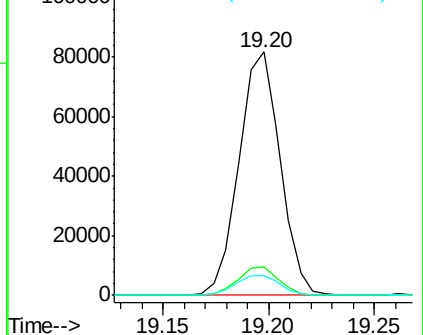
#77
 Fluoranthene
 Concen: 2.37 ng/ul
 RT: 19.20 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM003161.D
 Acq: 17 Nov 2015 02:14

Instrument :
 BNA_M
 ClientSampled :
 A4J60

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.4	15.6
100	8.2	7.8	11.6

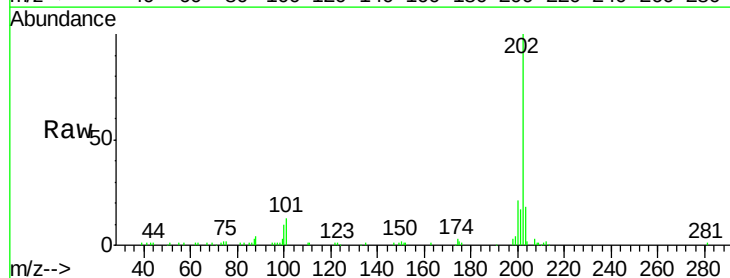


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

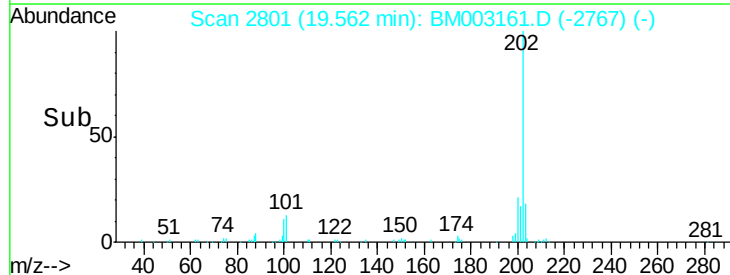
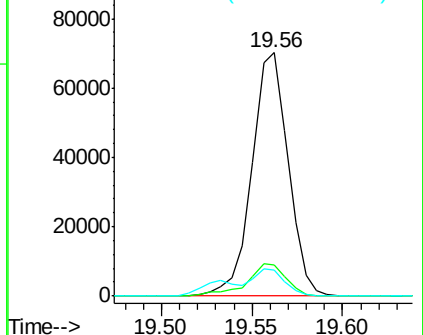


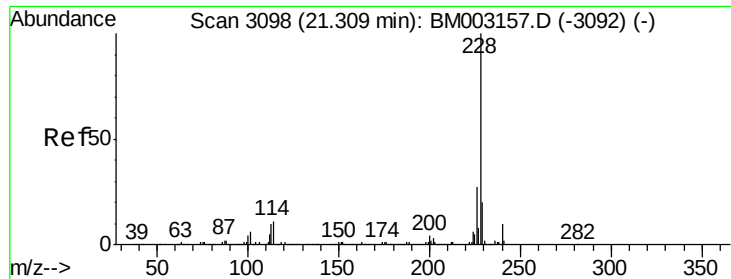
#80
 Pyrene
 Concen: 1.95 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM003161.D
 Acq: 17 Nov 2015 02:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	12.6	18.8
100	10.5	10.6	15.8



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





#83

Benzo(a)anthracene

Concen: 1.05 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

Instrument :

BNA_M

ClientSampleId :

A4J60

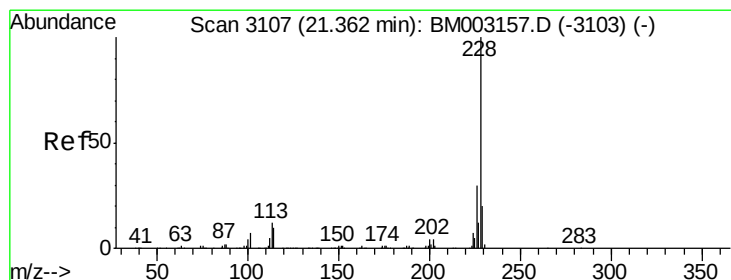
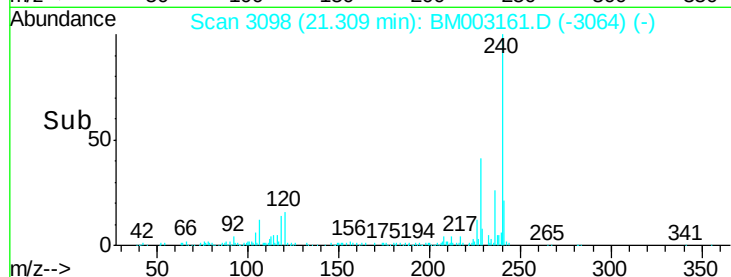
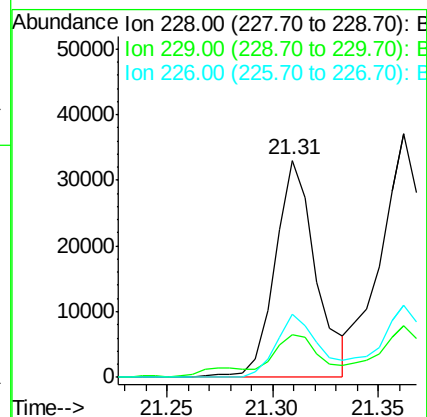
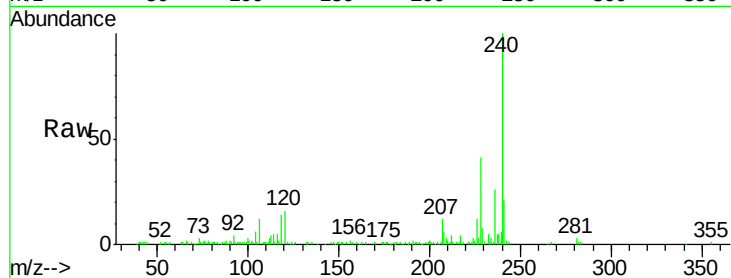
Tot Ion:228 Resp: 44436

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 28.9 21.0 31.6



#85

Chrysene

Concen: 1.24 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

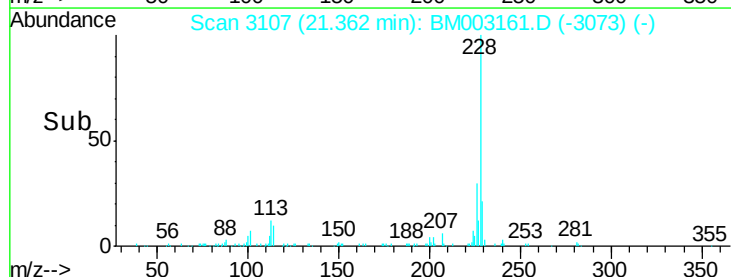
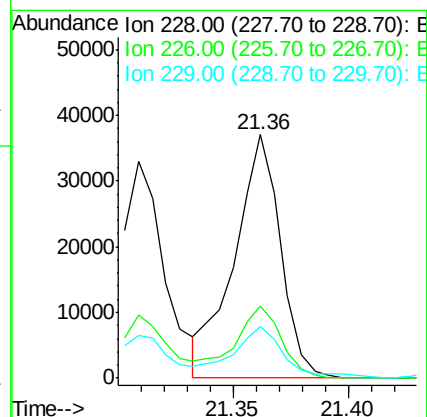
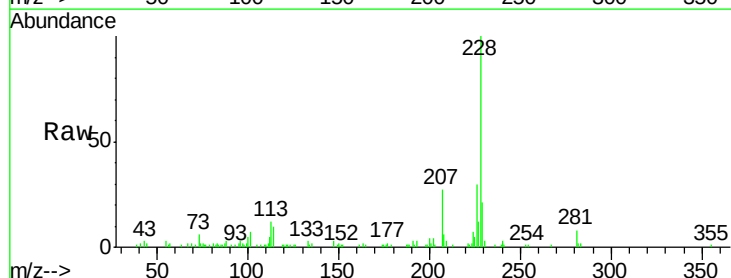
Tgt Ion:228 Resp: 51711

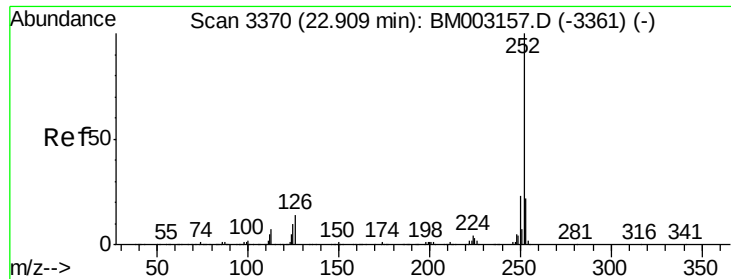
Ion Ratio Lower Upper

228 100

226 29.7 23.3 34.9

229 21.1 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 1.52 ng/ul

RT: 22.90 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

Instrument :

BNA_M

ClientSampled :

A4J60

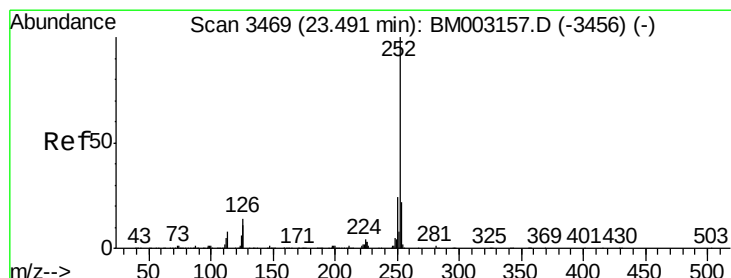
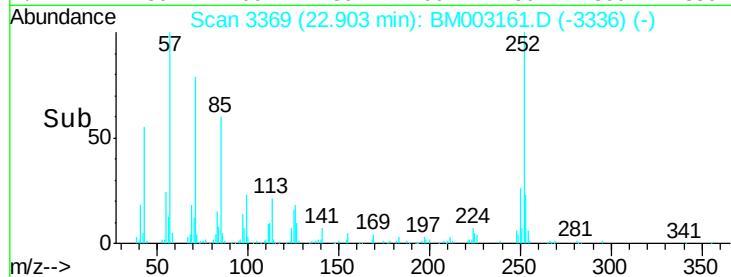
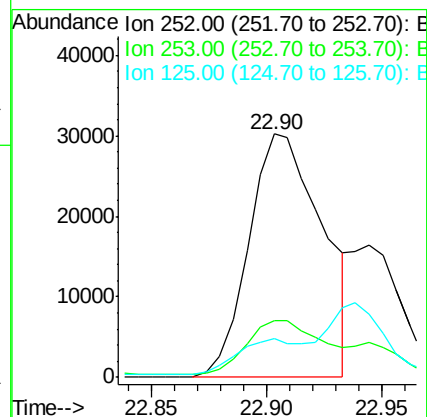
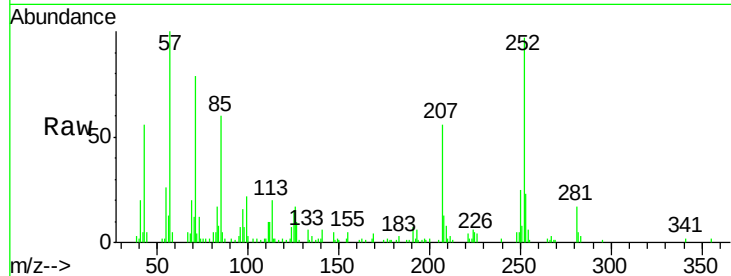
Tot Ion:252 Resp: 66997

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 15.7 10.7 16.1



#91

Benzo(a)pyrene

Concen: 1.06 ng/ul

RT: 23.49 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BM003161.D

Acq: 17 Nov 2015 02:14

Tgt Ion:252 Resp: 44115

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 13.7 11.9 17.9

