

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002796.D
 Acq On : 30 Sep 2015 23:48
 Operator : UM/IZ
 Sample : G3798-16RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9G70

Quant Time: Oct 01 07:10:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 01 07:01:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	71641	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	287896	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	135916	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	263874	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	270265	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	283028	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.77	96	4798	3.11	ng/uL	0.00
5) Phenol-d5	7.82	99	90459	16.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	55960	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	87622	17.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	52664	11.77	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	41607	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	41792	18.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	66736	16.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	87980	18.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	198107	19.37	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	261631	19.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.48	143	25233	13.90	ng/ul	0.00
58) Fluorene-d10	16.27	176	171958	18.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	6024	4.68	ng/ul	0.00
71) Anthracene-d10	18.11	188	236909	18.81	ng/ul	0.00
79) Pyrene-d10	20.34	212	235959	18.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	269569	18.62	ng/ul	0.00

Target Compounds

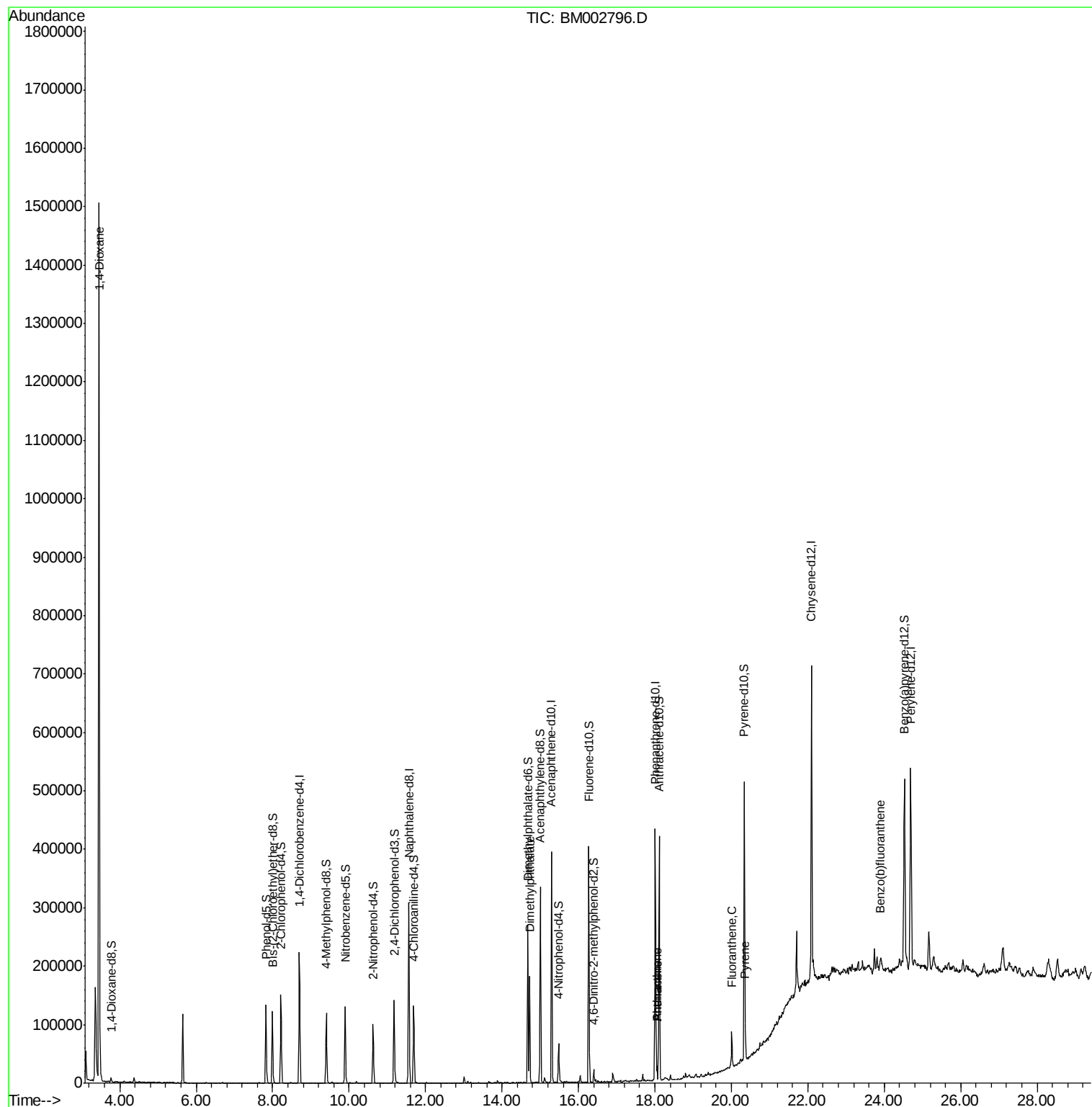
					Qvalue	
2) 1,4-Dioxane	3.46	88	13236	7.76	ng/uL#	1
45) Dimethylphthalate	14.72	163	126926	12.21	ng/ul	100
70) Phenanthrene	18.05	178	17843	1.17	ng/ul	98
72) Anthracene	18.05	178	17843	1.15	ng/ul	97
77) Fluoranthene	20.01	202	35203	2.23	ng/ul	99
80) Pyrene	20.37	202	27259	1.59	ng/ul	99
88) Benzo(b)fluoranthene	23.90	252	17414	1.02	ng/ul#	81

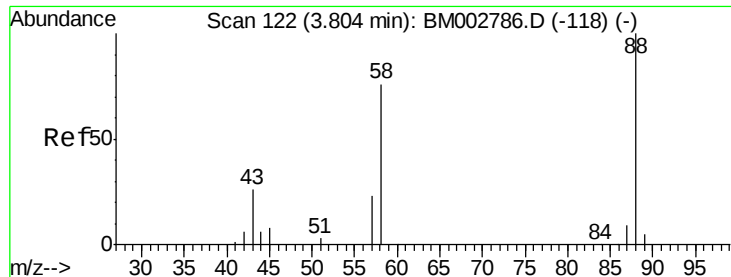
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
Data File : BM002796.D
Acq On : 30 Sep 2015 23:48
Operator : UM/IZ
Sample : G3798-16RX
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G70

Quant Time: Oct 01 07:10:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.76 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. -0.35 min

Lab File: BM002796.D

Acq: 30 Sep 2015 23:48

Instrument :

BNA_M

ClientSampled :

D9G70

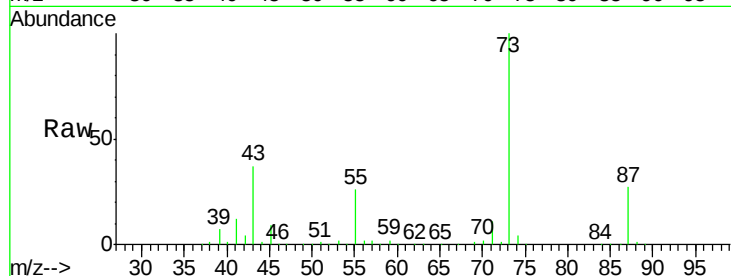
Tgt Ion: 88 Resp: 13236

Ion Ratio Lower Upper

88 100

43 2500.8 26.2 39.4#

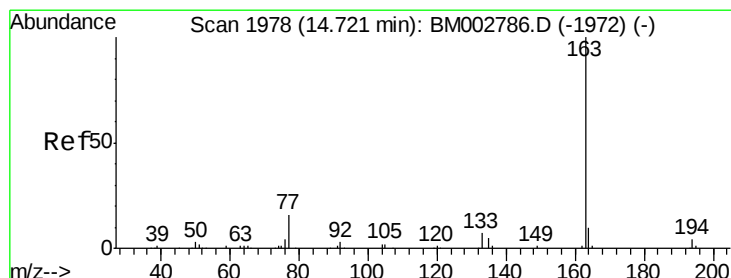
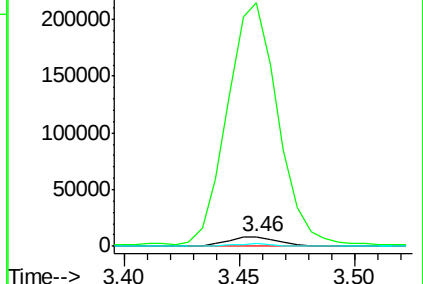
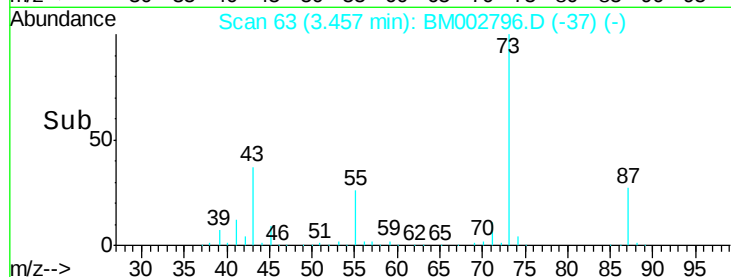
58 23.9 58.5 87.7#



Abundance Ion 88.00 (87.70 to 88.70): BM002786.D (-118) (-)

Ion 43.00 (42.70 to 43.70): BM002786.D (-118) (-)

Ion 58.00 (57.70 to 58.70): BM002786.D (-118) (-)



#45

Dimethylphthalate

Concen: 12.21 ng/uL

RT: 14.72 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM002796.D

Acq: 30 Sep 2015 23:48

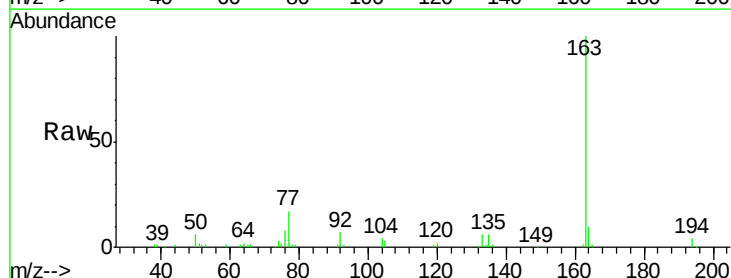
Tgt Ion: 163 Resp: 126926

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

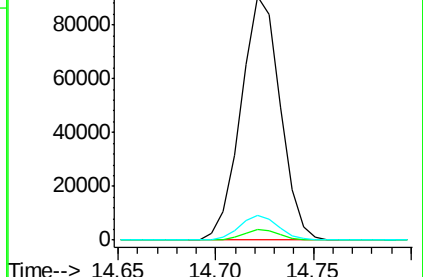
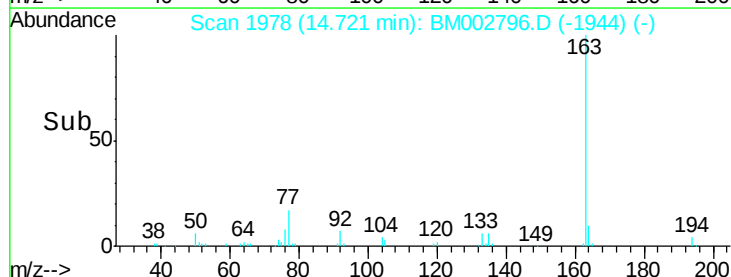
164 10.3 8.1 12.1

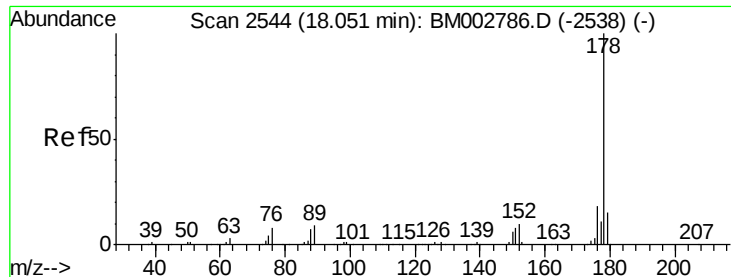


Abundance Ion 163.00 (162.70 to 163.70): BM002786.D (-1972) (-)

Ion 194.00 (193.70 to 194.70): BM002786.D (-1972) (-)

Ion 164.00 (163.70 to 164.70): BM002786.D (-1972) (-)





#70

Phenanthrene

Concen: 1.17 ng/ul

RT: 18.05 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BM002796.D

Acq: 30 Sep 2015 23:48

Instrument :

BNA_M

ClientSampleId :

D9G70

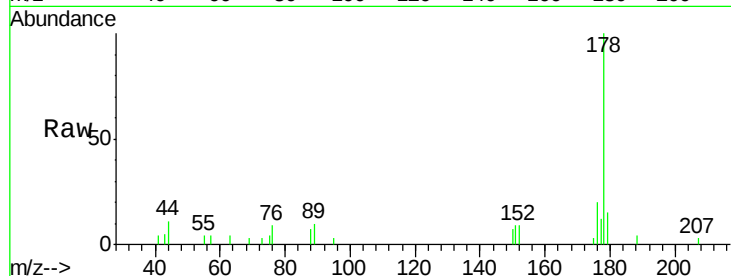
Tgt Ion:178 Resp: 17843

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

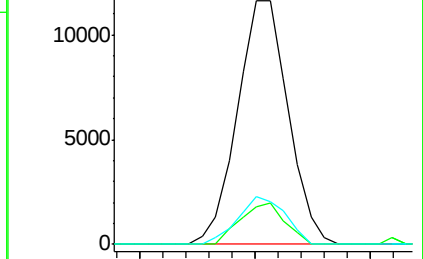
176 19.8 14.6 22.0



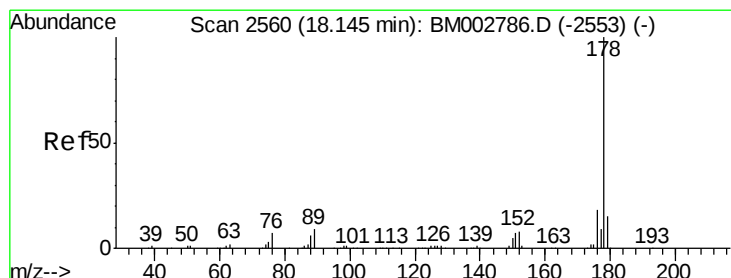
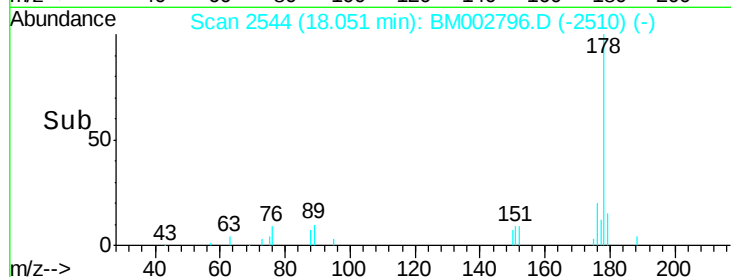
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#72

Anthracene

Concen: 1.15 ng/ul

RT: 18.05 min Scan# 2544

Delta R.T. -0.09 min

Lab File: BM002796.D

Acq: 30 Sep 2015 23:48

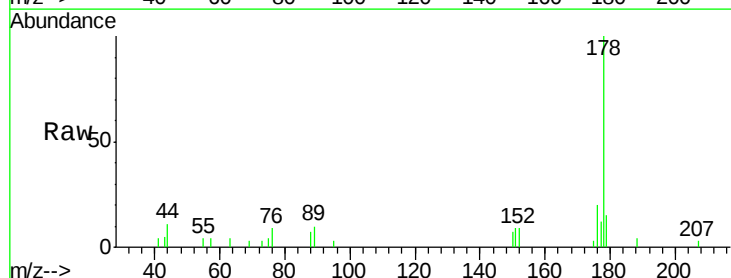
Tgt Ion:178 Resp: 17843

Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

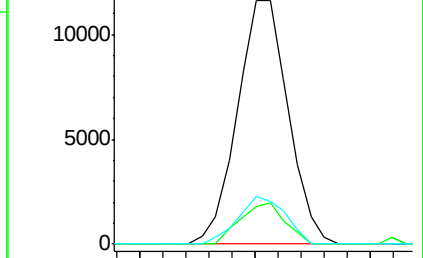
176 19.8 14.4 21.6



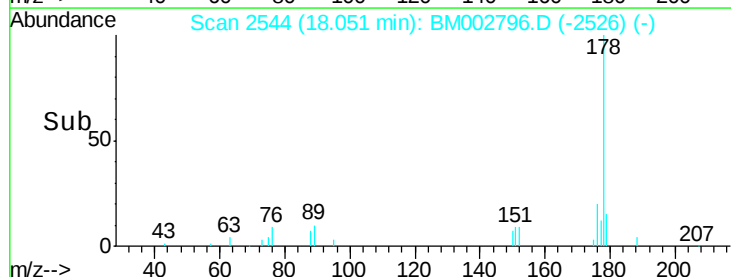
Abundance Ion 178.00 (177.70 to 178.70): E

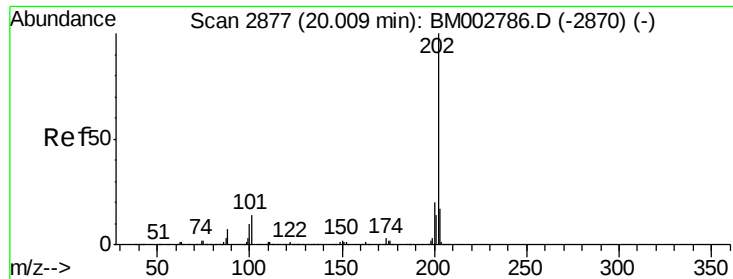
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

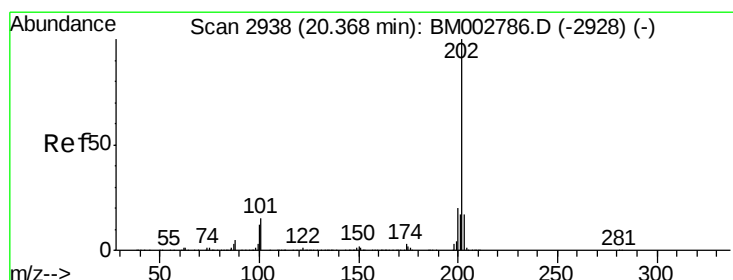
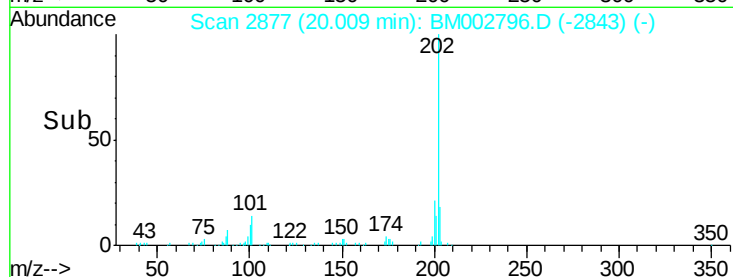
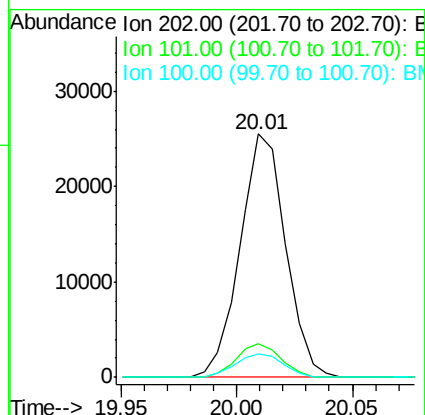
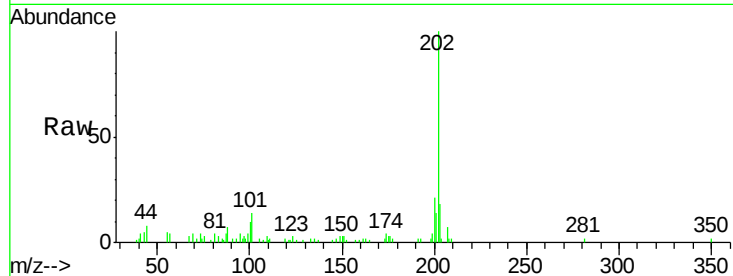




#77
Fluoranthene
 Concen: 2.23 ng/ul
 RT: 20.01 min Scan# 2877
 Delta R.T. 0.00 min
 Lab File: BM002796.D
 Acq: 30 Sep 2015 23:48

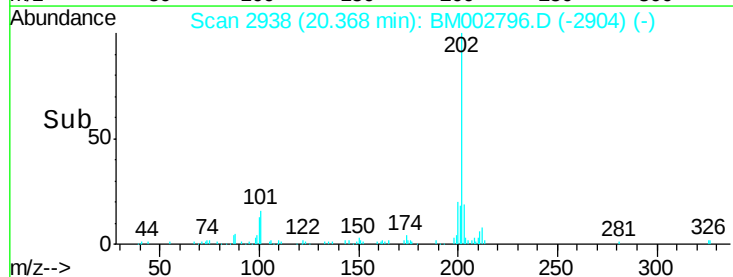
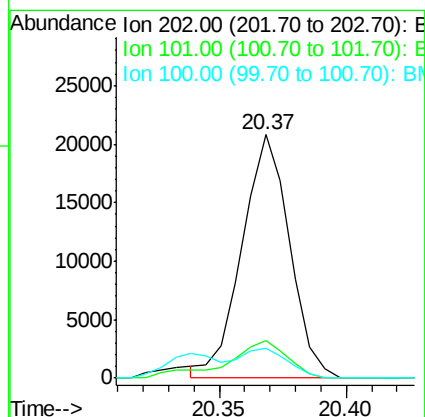
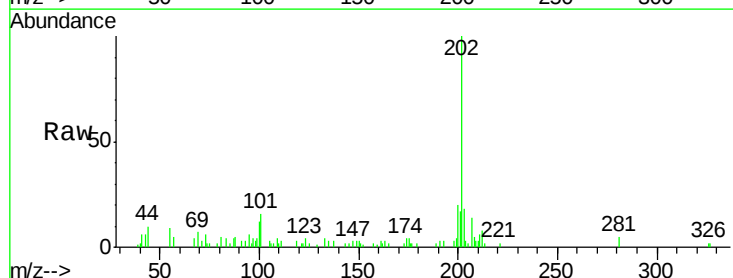
Instrument :
 BNA_M
 ClientSampleId :
 D9G70

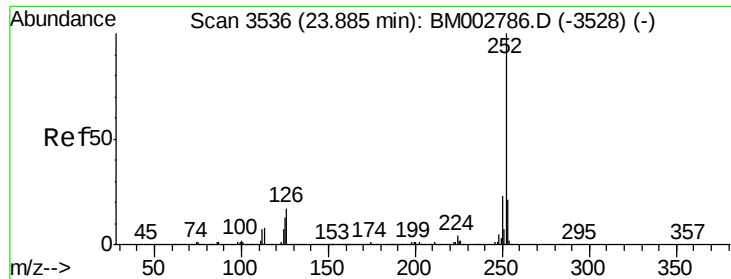
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
100	9.7	8.3	12.5



#80
Pyrene
 Concen: 1.59 ng/ul
 RT: 20.37 min Scan# 2938
 Delta R.T. 0.00 min
 Lab File: BM002796.D
 Acq: 30 Sep 2015 23:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	12.1	18.1
100	12.4	10.2	15.4





#88

Benzo(b)fluoranthene

Concen: 1.02 ng/ul

RT: 23.90 min Scan# 3538

Delta R.T. 0.01 min

Lab File: BM002796.D

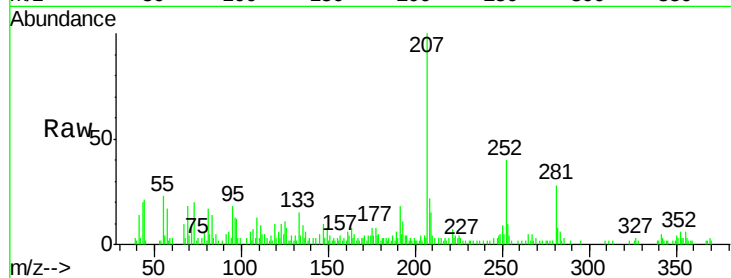
Acq: 30 Sep 2015 23:48

Instrument :

BNA_M

ClientSampleId :

D9G70



Tgt Ion:	252	Resp:	17414
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.6	26.4#
125	27.0	10.6	15.8#

