

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
 Data File : BM003094.D
 Acq On : 11 Nov 2015 20:36
 Operator : UM/IZ
 Sample : G4322-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR9

Quant Time: Nov 13 11:30:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 13 11:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	121445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	571792	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	337865	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	724470	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	593485	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	555157	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5348	2.08	ng/uL	0.00
5) Phenol-d5	6.91	99	105057	10.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	67046	11.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	94891	11.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	90233	11.66	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	46361	13.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	45355	12.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	87603	11.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	128687	12.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	323484	12.73	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	262749	8.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	21386	4.99	ng/ul	0.00
58) Fluorene-d10	15.39	176	166436	7.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	12686	3.78	ng/ul	0.00
71) Anthracene-d10	17.24	188	226470	7.05	ng/ul	0.00
79) Pyrene-d10	19.54	212	185967	6.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	131337	4.98	ng/ul	0.00

Target Compounds

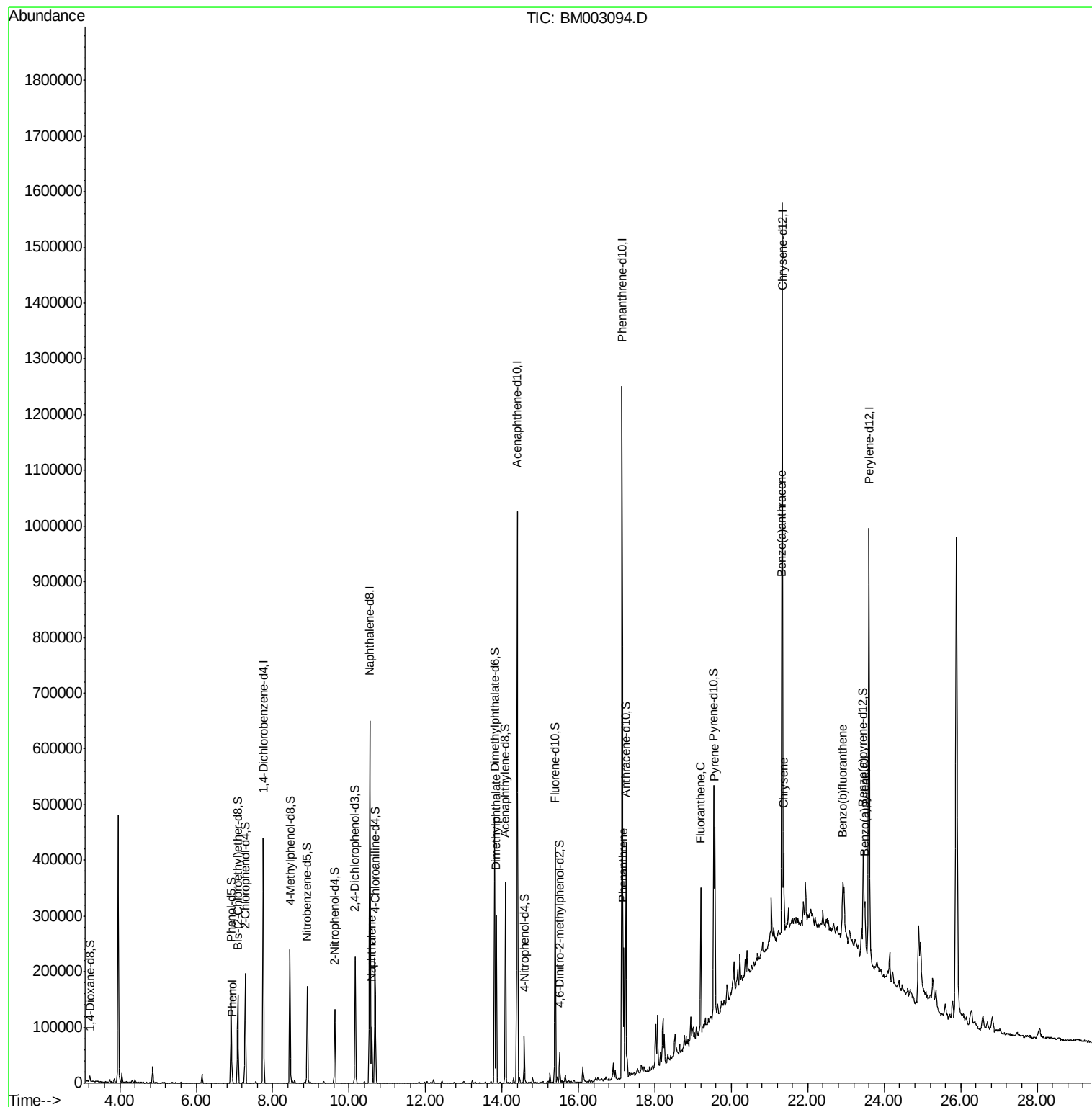
						Ovalue
6) Phenol	6.94	94	15074	1.53	ng/ul	98
28) Naphthalene	10.59	128	86789	3.02	ng/ul	98
45) Dimethylphthalate	13.85	163	193002	7.45	ng/ul	100
70) Phenanthrene	17.18	178	142667	3.48	ng/ul	99
77) Fluoranthene	19.20	202	150862	3.64	ng/ul	95
80) Pyrene	19.57	202	212413	5.47	ng/ul#	93
83) Benzo(a)anthracene	21.32	228	74431	2.28	ng/ul	94
85) Chrysene	21.37	228	73142	2.27	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	67031	2.10	ng/ul#	92
91) Benzo(a)pyrene	23.50	252	55923	1.85	ng/ul	97

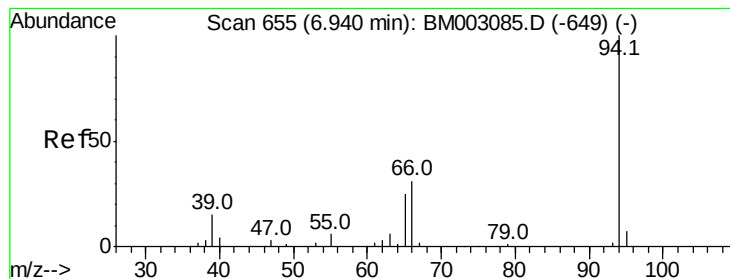
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.53 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM003094.D

Acq: 11 Nov 2015 20:36

Instrument :

BNA_M

ClientSampleId :

A4HR9

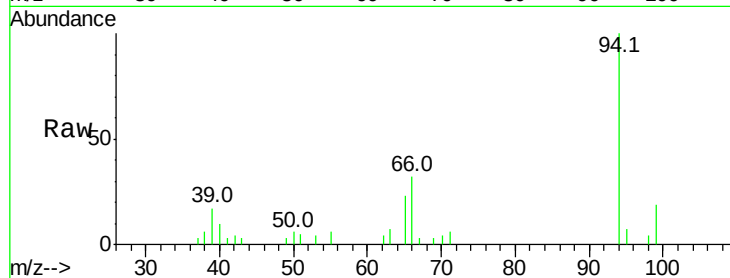
Tot Ion: 94 Resp: 15074

Ion Ratio Lower Upper

94 100

65 22.7 18.7 28.1

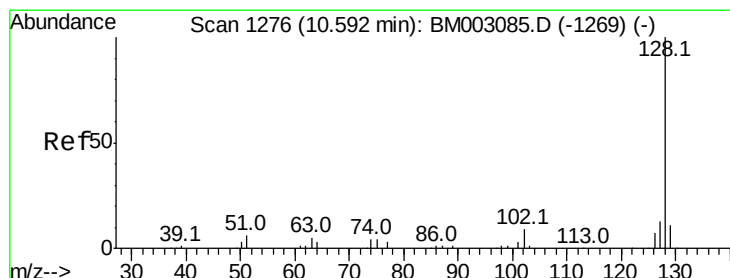
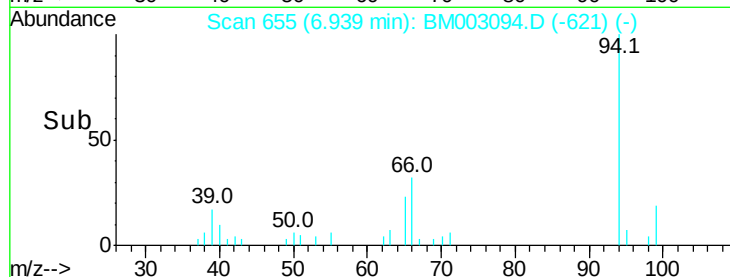
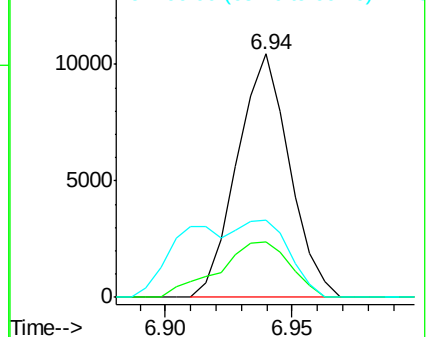
66 31.9 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003085.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM003085.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM003085.D (-649) (-)



#28

Naphthalene

Concen: 3.02 ng/ul

RT: 10.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BM003094.D

Acq: 11 Nov 2015 20:36

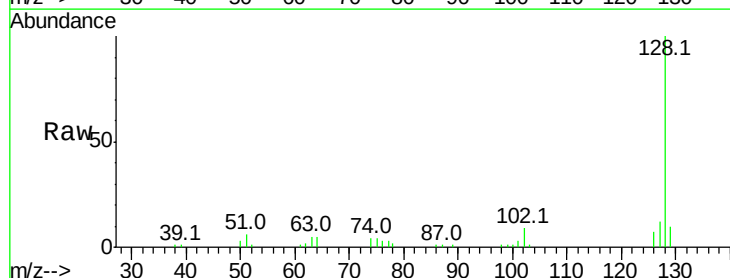
Tgt Ion:128 Resp: 86789

Ion Ratio Lower Upper

128 100

129 10.1 8.8 13.2

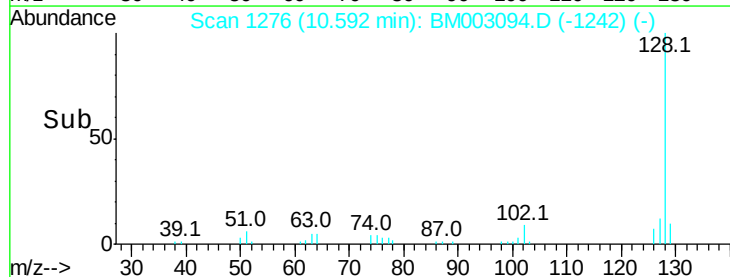
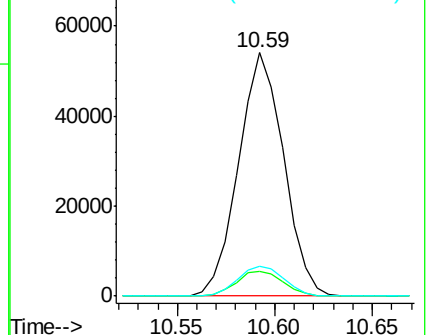
127 12.4 10.5 15.7

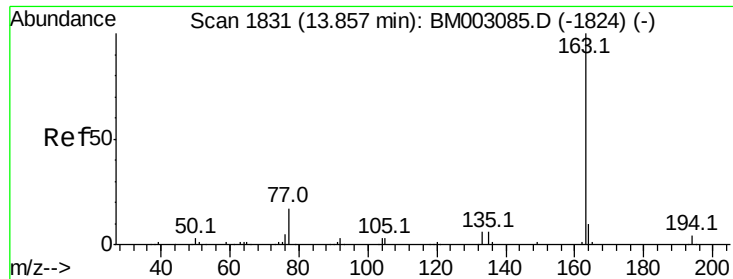


Abundance Ion 128.00 (127.70 to 128.70): BM003085.D (-1269) (-)

Ion 129.00 (128.70 to 129.70): BM003085.D (-1269) (-)

Ion 127.00 (126.70 to 127.70): BM003085.D (-1269) (-)

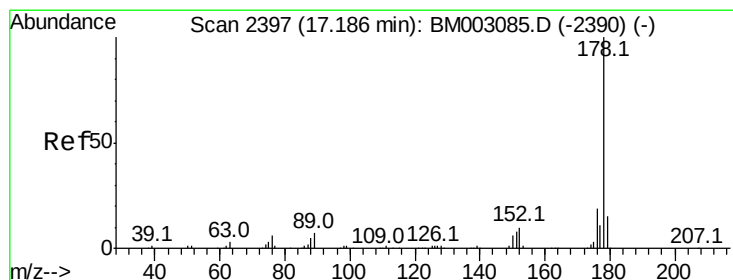
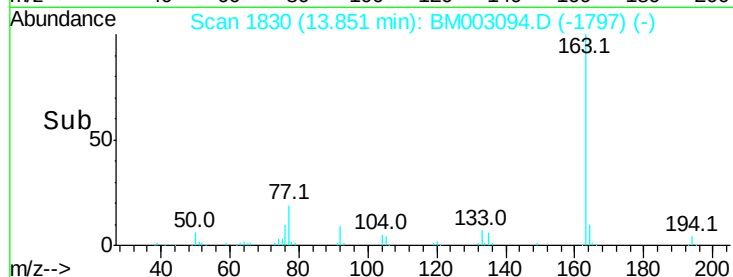
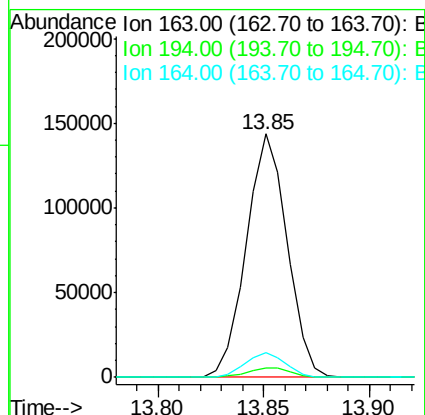
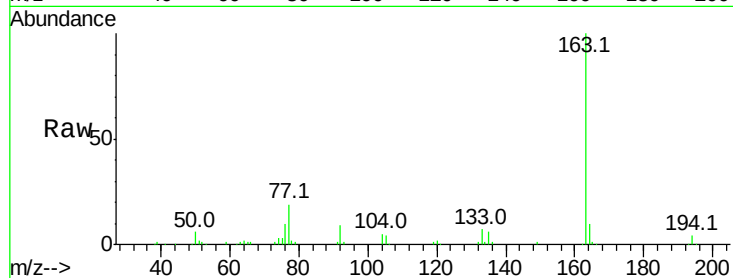




#45
Dimethylphthalate
Concen: 7.45 ng/ul
RT: 13.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

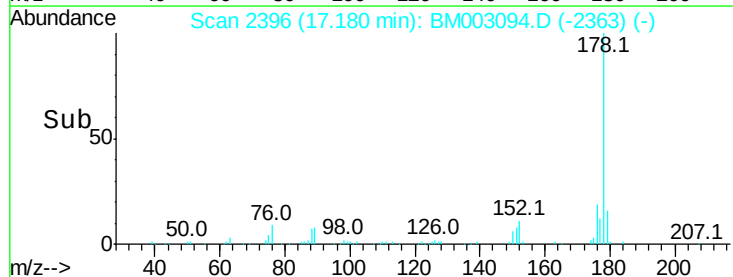
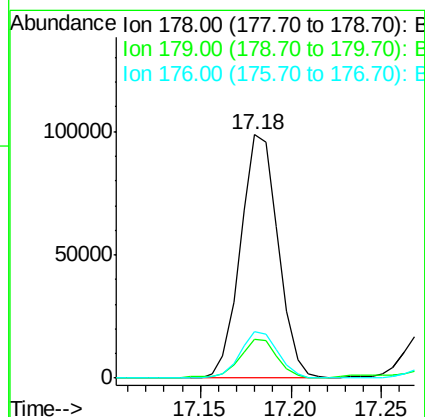
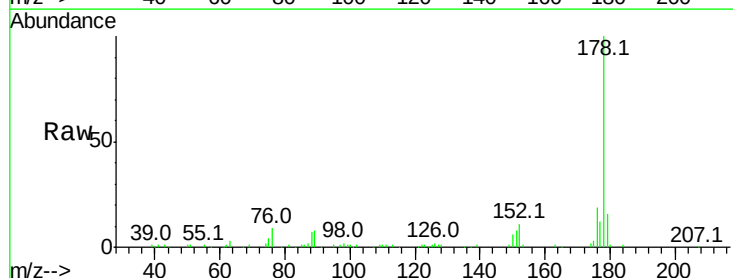
Instrument :
BNA_M
ClientSampleId :
A4HR9

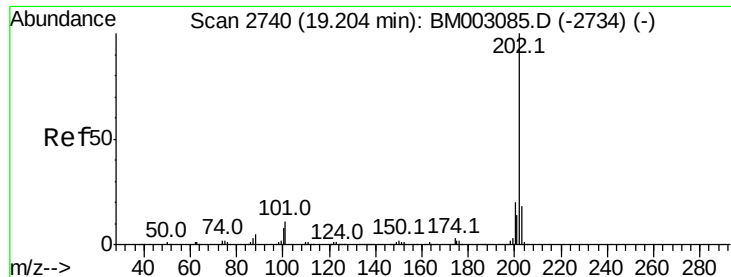
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8



#70
Phenanthrene
Concen: 3.48 ng/ul
RT: 17.18 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.0	14.7	22.1





#77

Fluoranthene

Concen: 3.64 ng/ul

RT: 19.20 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM003094.D

Acq: 11 Nov 2015 20:36

Instrument :

BNA_M

ClientSampleId :

A4HR9

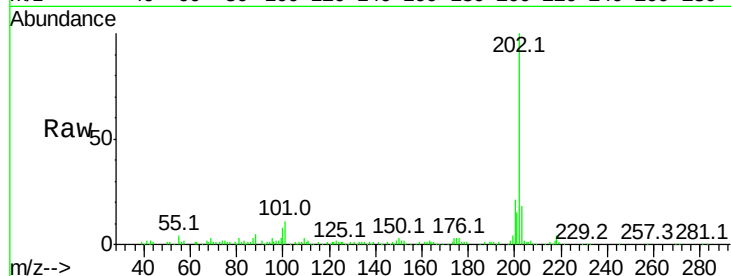
Tot Ion:202 Resp: 150862

Ion Ratio Lower Upper

202 100

101 10.7 10.4 15.6

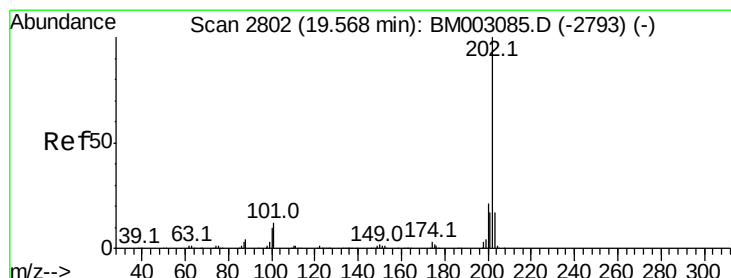
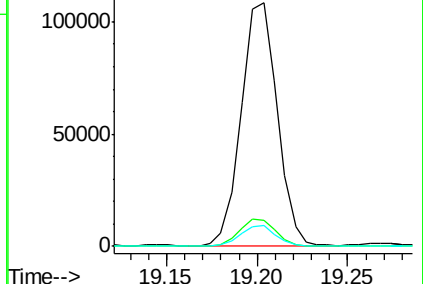
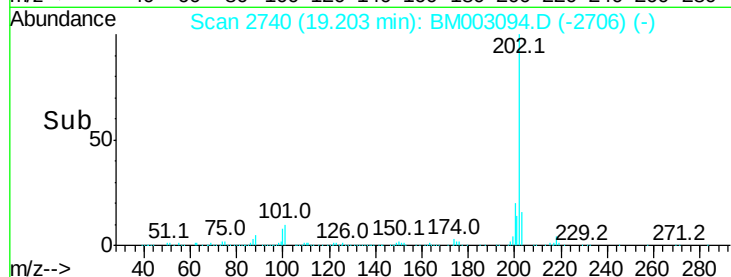
100 8.4 7.8 11.6



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: 5.47 ng/ul

RT: 19.57 min Scan# 2802

Delta R.T. -0.00 min

Lab File: BM003094.D

Acq: 11 Nov 2015 20:36

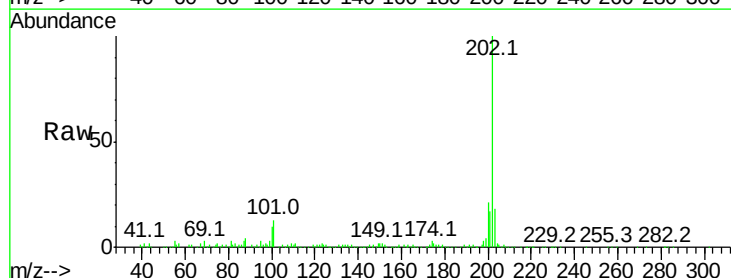
Tgt Ion:202 Resp: 212413

Ion Ratio Lower Upper

202 100

101 12.9 12.6 18.8

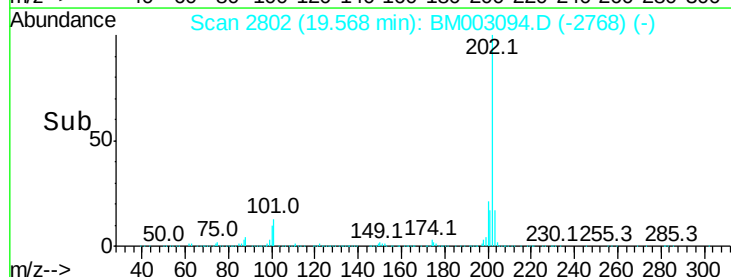
100 10.0 10.6 15.8#



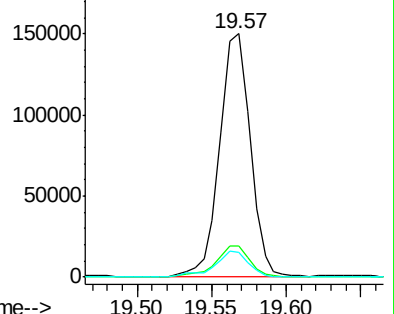
Abundance Ion 202.00 (201.70 to 202.70): E

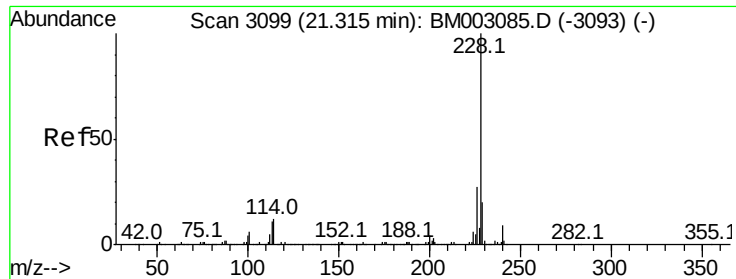
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

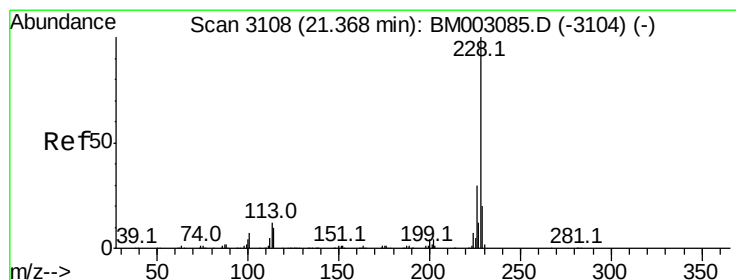
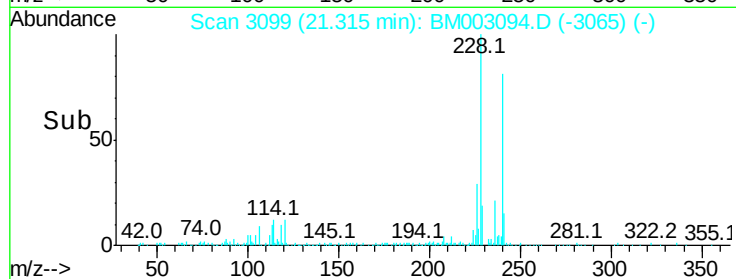
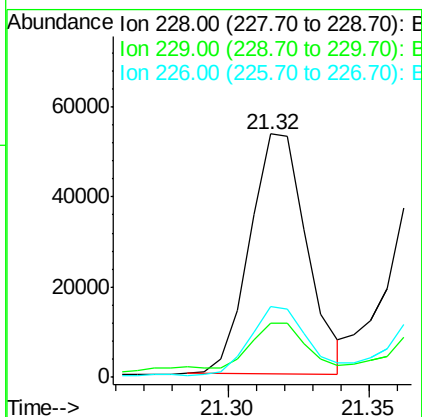
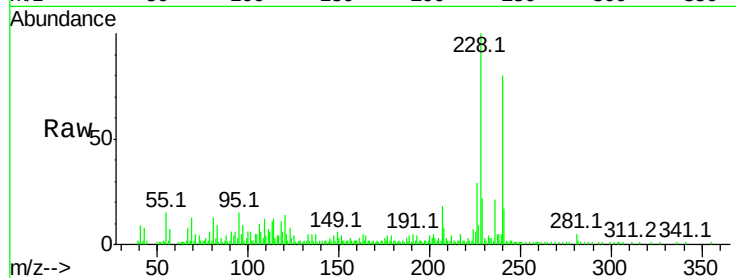




#83
Benzo(a)anthracene
Concen: 2.28 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

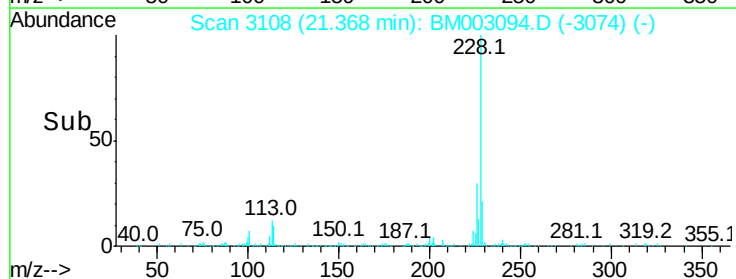
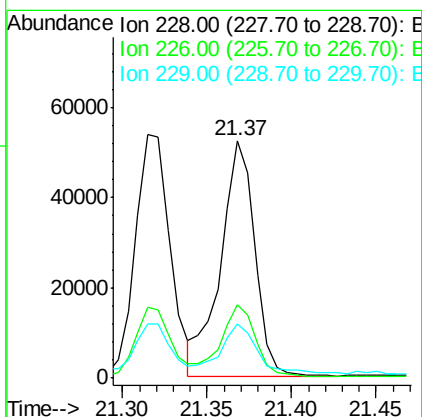
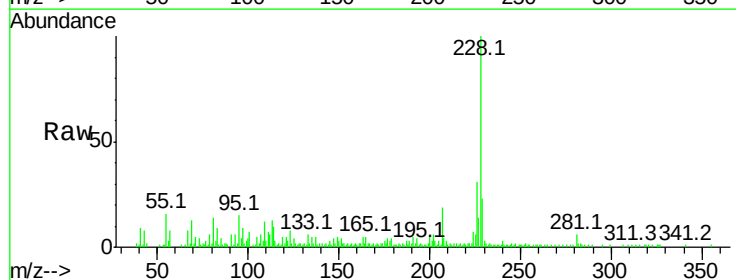
Instrument :
BNA_M
ClientSampleId :
A4HR9

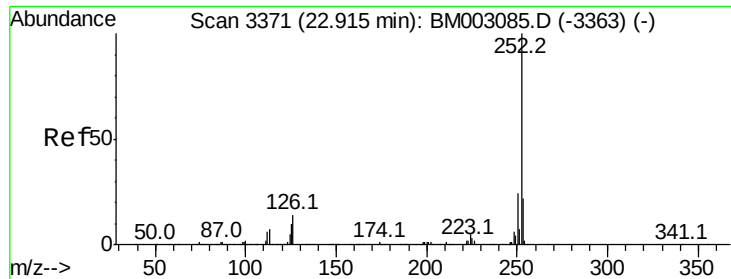
Tot Ion:228 Resp: 74431
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.2 21.0 31.6



#85
Chrysene
Concen: 2.27 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

Tgt Ion:228 Resp: 73142
Ion Ratio Lower Upper
228 100
226 30.7 23.3 34.9
229 23.0 15.8 23.6

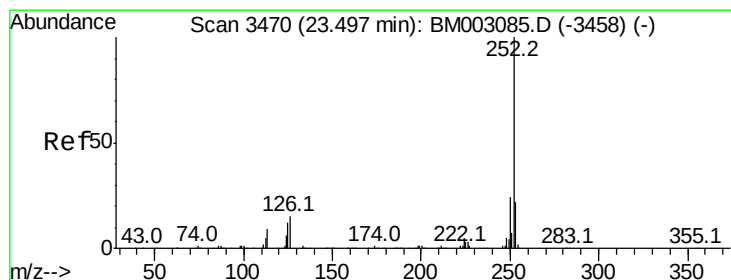
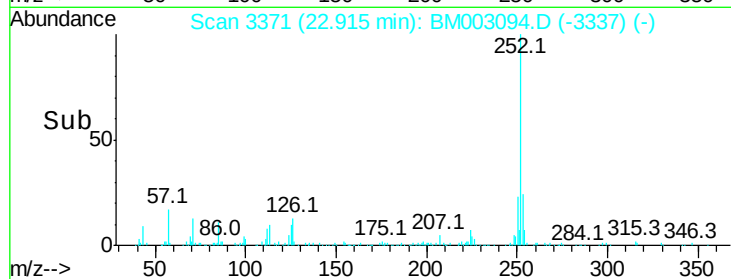
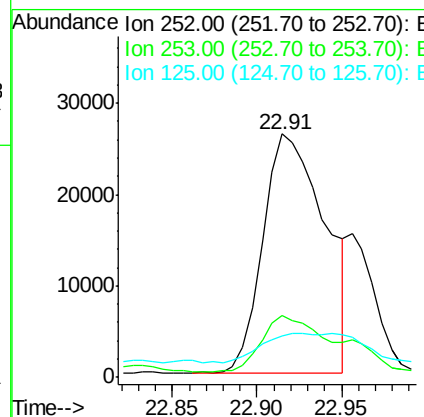
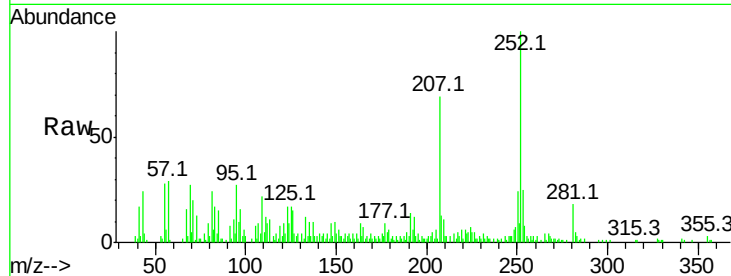




#88
Benzo(b)fluoranthene
Concen: 2.10 ng/ul
RT: 22.91 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

Instrument :
BNA_M
ClientSampleId :
A4HR9

Tot Ion:252 Resp: 67031
Ion Ratio Lower Upper
252 100
253 25.4 17.4 26.2
125 16.8 10.7 16.1#



#91
Benzo(a)pyrene
Concen: 1.85 ng/ul
RT: 23.50 min Scan# 3470
Delta R.T. -0.00 min
Lab File: BM003094.D
Acq: 11 Nov 2015 20:36

Tgt Ion:252 Resp: 55923
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 15.7 11.9 17.9

