

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011316\
 Data File : BM003963.D
 Acq On : 12 Jan 2016 20:07
 Operator : SJ/UM
 Sample : H1095-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9B6

Quant Time: Jan 13 06:13:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:08:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	32420	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	155199	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	94800	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	223316	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	259906	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	238053	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	2233	3.08	ng/uL	0.00
5) Phenol-d5	6.85	99	47696	17.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	30693	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	40304	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	38007	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	18920	16.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	20472	15.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	37071	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	50967	16.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	144862	19.46	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	171734	18.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	16674	12.47	ng/ul	0.00
58) Fluorene-d10	15.32	176	133956	21.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	13926	11.06	ng/ul	0.00
71) Anthracene-d10	17.17	188	210669	20.40	ng/ul	0.00
79) Pyrene-d10	19.47	212	250105	18.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	253961	21.36	ng/ul	0.00

Target Compounds

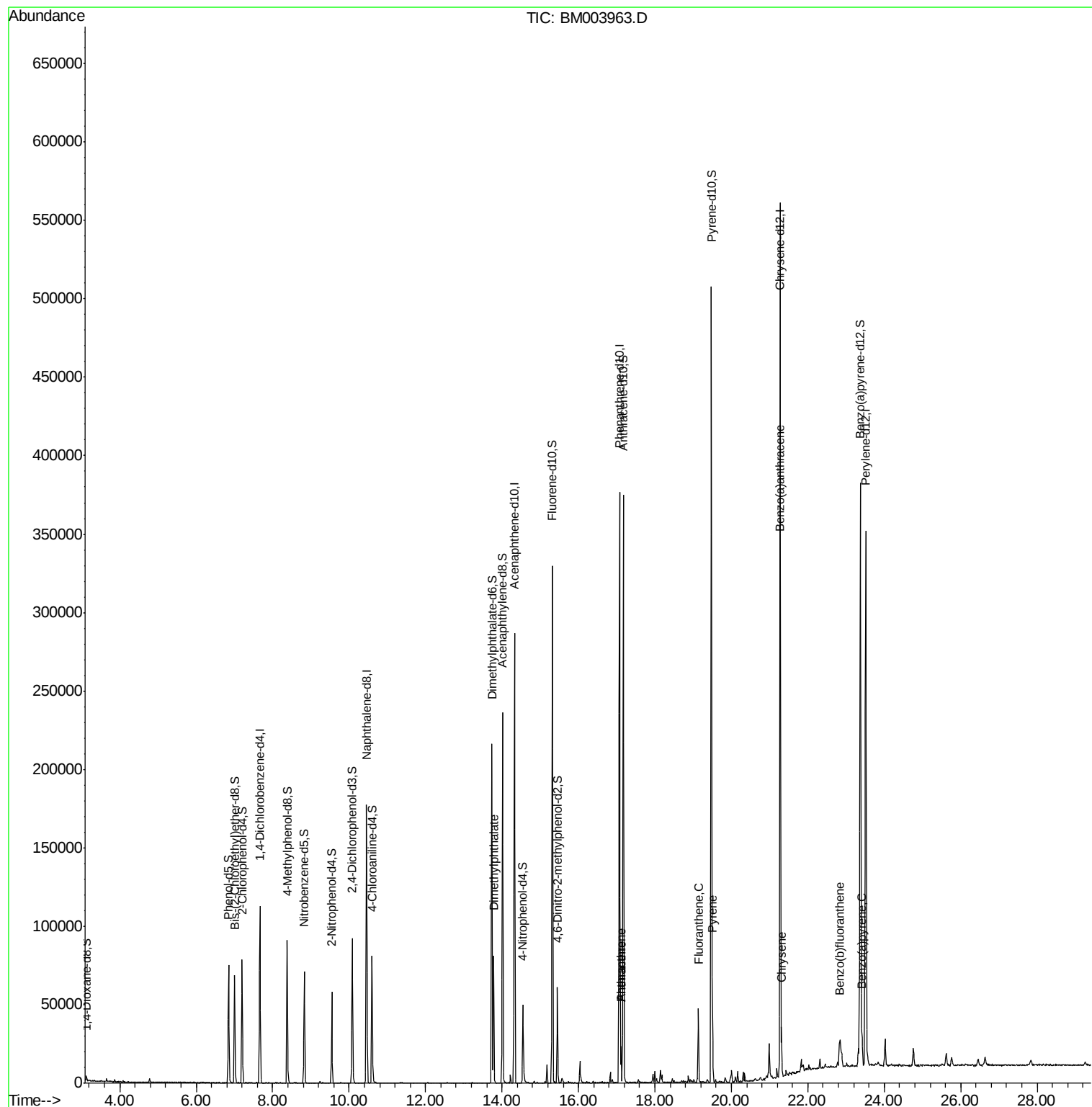
						Qvalue
45) Dimethylphthalate	13.78	163	54316	7.16	ng/ul	100
70) Phenanthrene	17.12	178	15911	1.27	ng/ul	99
72) Anthracene	17.12	178	15911	1.24	ng/ul	99
77) Fluoranthene	19.14	202	28755	2.20	ng/ul	97
80) Pyrene	19.50	202	36954	2.09	ng/ul	98
83) Benzo(a)anthracene	21.26	228	17011	1.10	ng/ul	98
85) Chrysene	21.31	228	18808	1.28	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	17284	1.19	ng/ul	99
91) Benzo(a)pyrene	23.41	252	13903	1.01	ng/ul	94

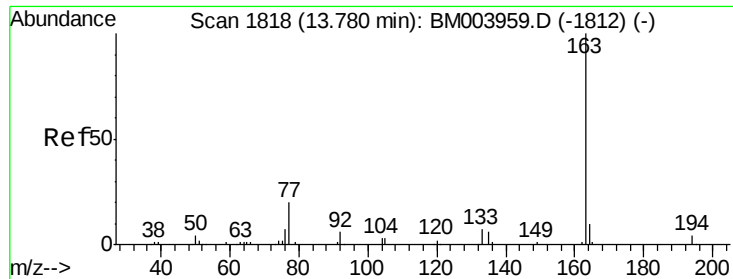
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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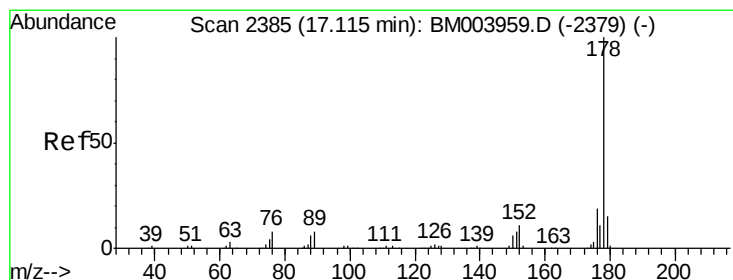
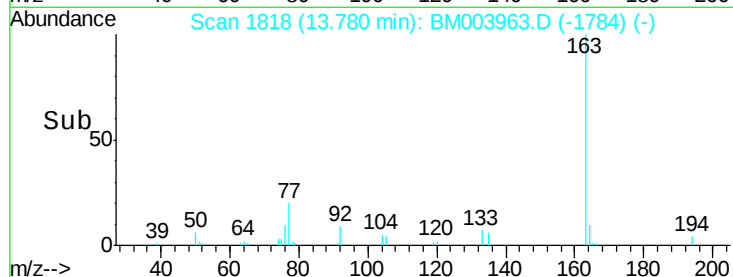
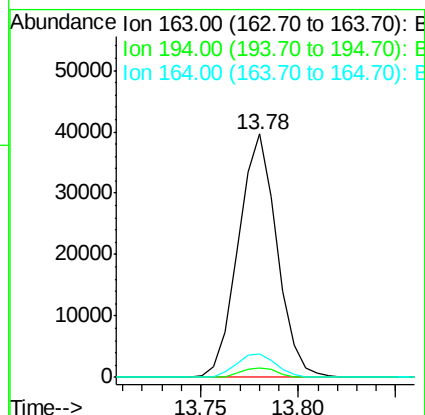
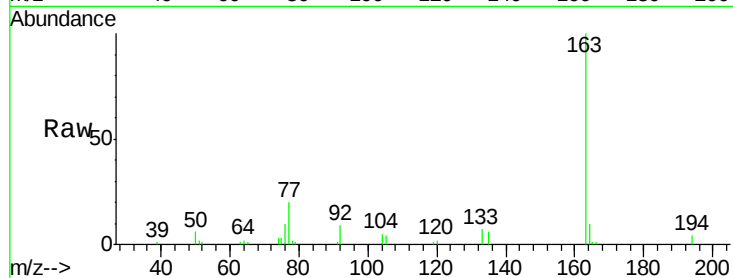




#45
Dimethylphthalate
Concen: 7.16 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM003963.D
Acq: 12 Jan 2016 20:07

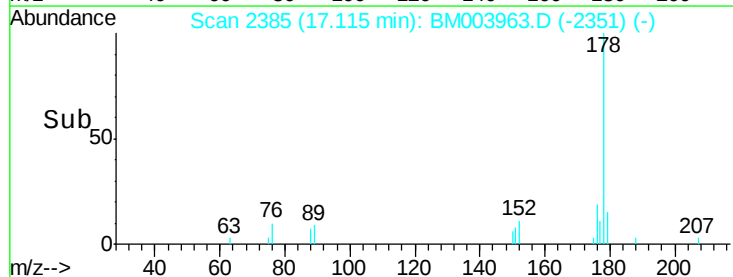
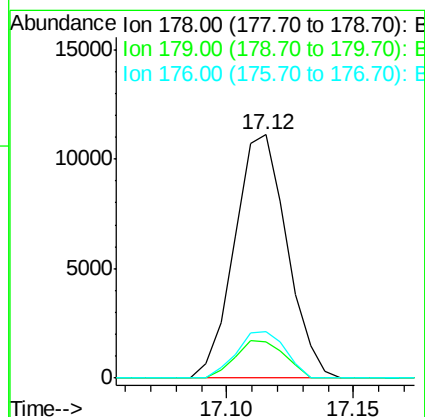
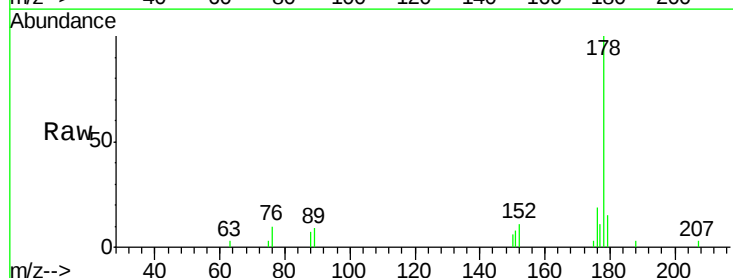
Instrument :
BNA_M
ClientSampleId :
BC9B6

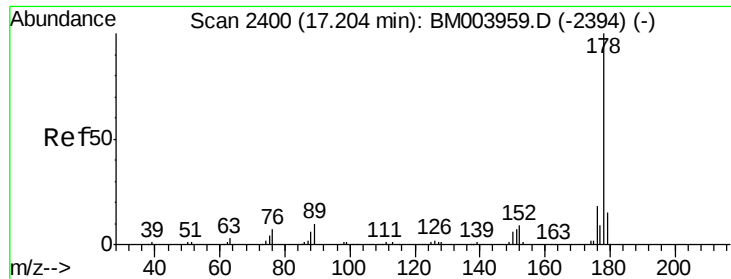
Tgt Ion:163 Resp: 54316
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.8 11.8



#70
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM003963.D
Acq: 12 Jan 2016 20:07

Tgt Ion:178 Resp: 15911
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 19.1 15.6 23.4





#72

Anthracene

Concen: 1.24 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.09 min

Lab File: BM003963.D

Acq: 12 Jan 2016 20:07

Instrument :

BNA_M

ClientSampleId :

BC9B6

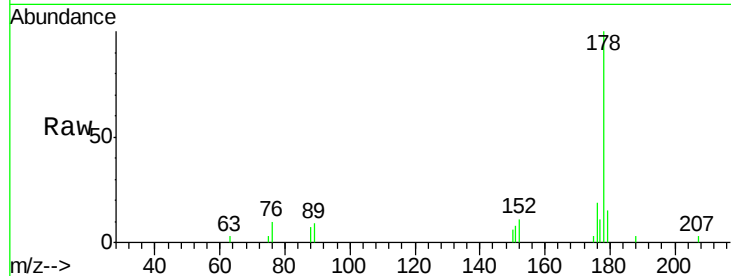
Tgt Ion:178 Resp: 15911

Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

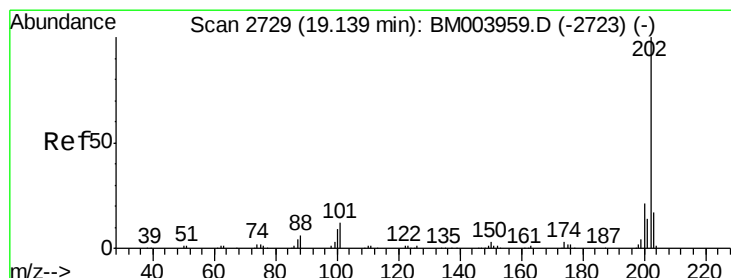
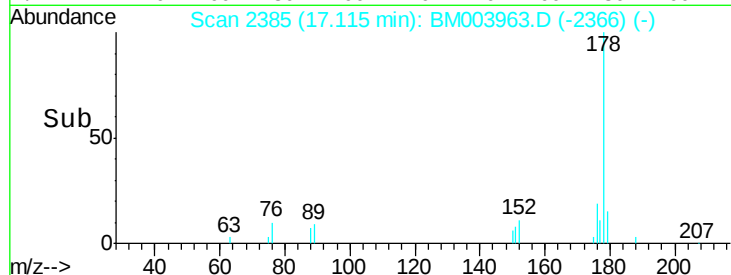
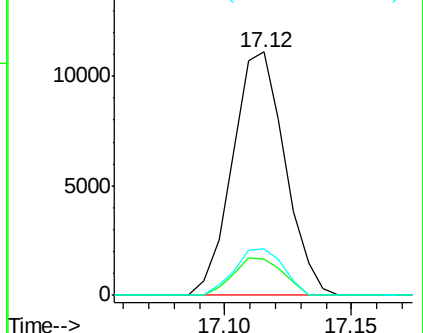
176 19.1 14.8 22.2



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: 2.20 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM003963.D

Acq: 12 Jan 2016 20:07

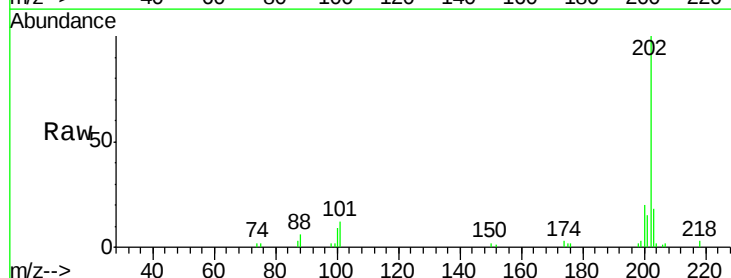
Tgt Ion:202 Resp: 28755

Ion Ratio Lower Upper

202 100

101 11.8 8.8 13.2

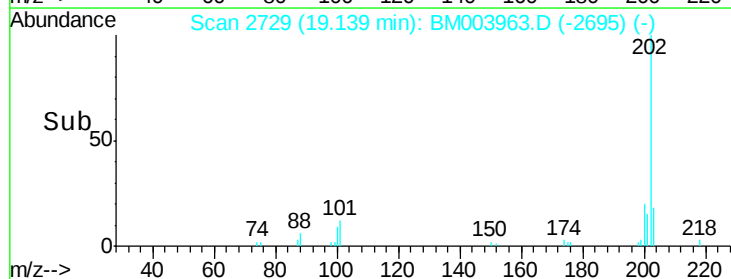
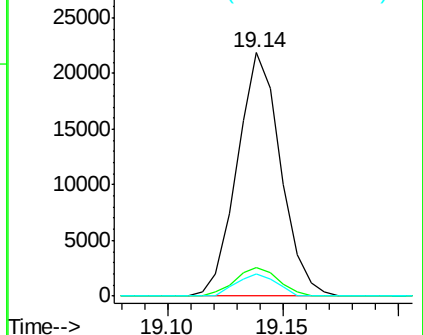
100 9.3 6.6 9.8

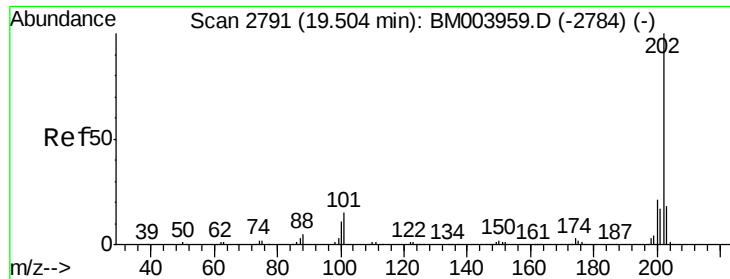


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

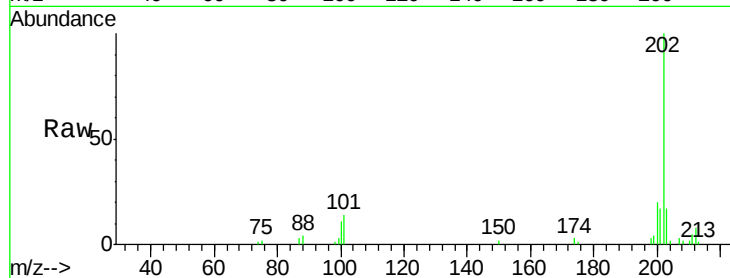




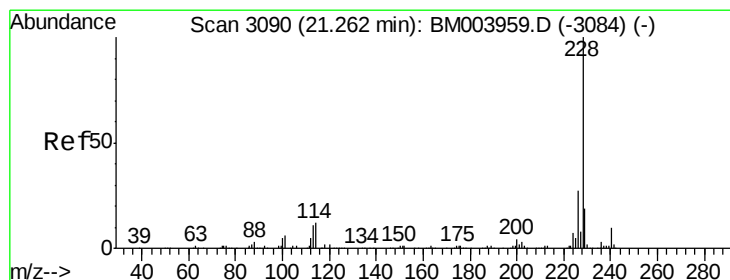
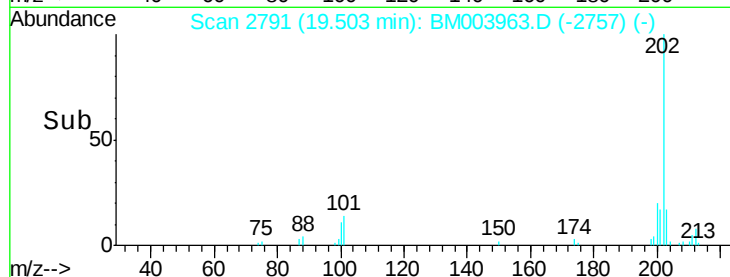
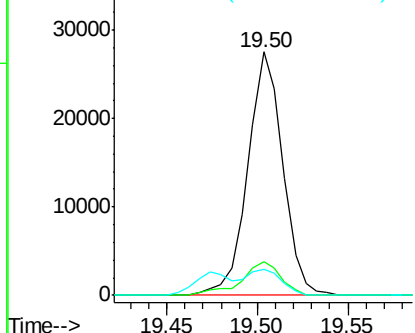
#80
 Pyrene
 Concen: 2.09 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BM003963.D
 Acq: 12 Jan 2016 20:07

Instrument :
 BNA_M
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 BC9B6

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.2	15.2
100	10.8	8.5	12.7

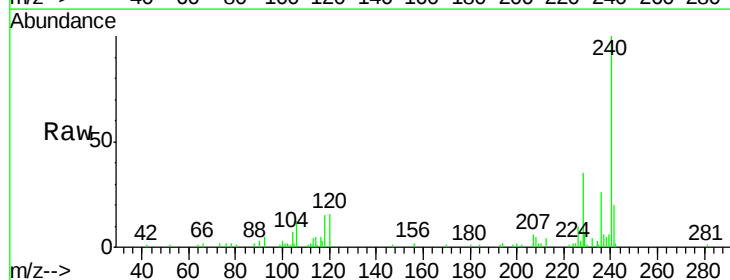


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

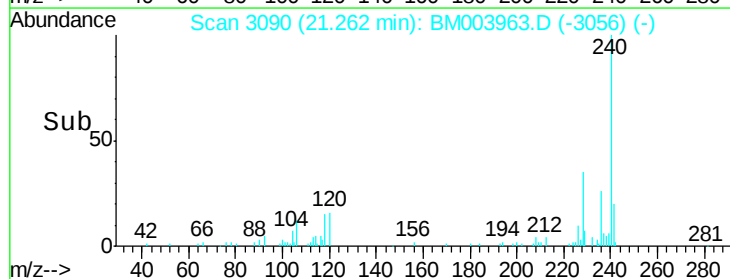
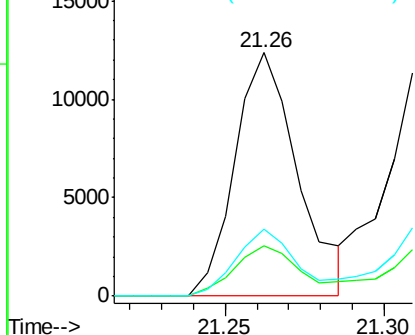


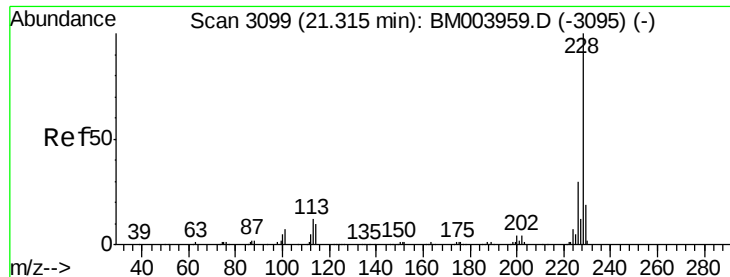
#83
 Benzo(a)anthracene
 Concen: 1.10 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM003963.D
 Acq: 12 Jan 2016 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.5	21.8	32.6



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





#85

Chrysene

Concen: 1.28 ng/ul

RT: 21.31 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM003963.D

Acq: 12 Jan 2016 20:07

Instrument :

BNA_M

ClientSampleId :

BC9B6

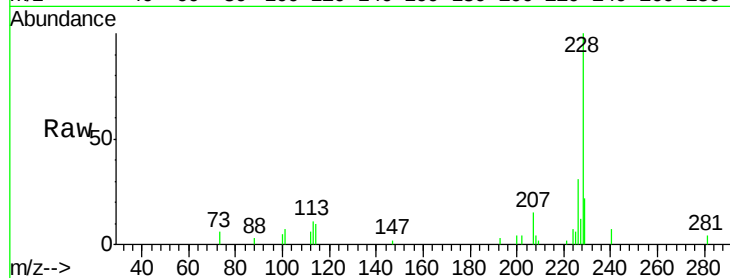
Tgt Ion:228 Resp: 18808

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

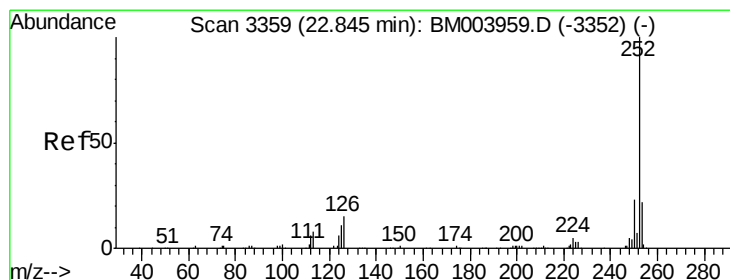
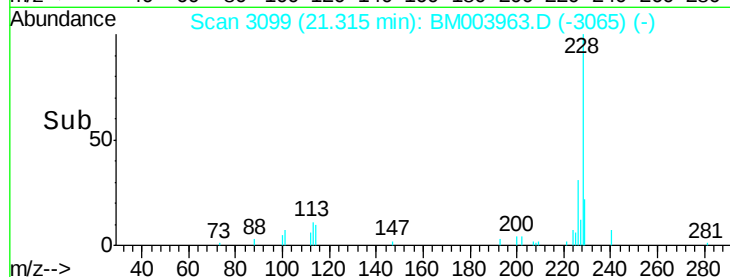
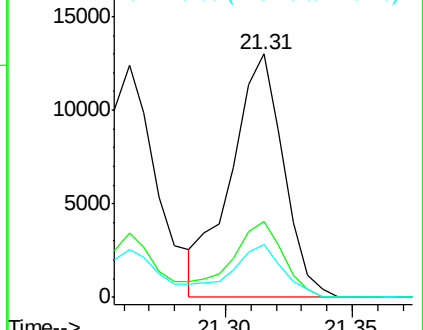
229 21.6 15.6 23.4



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: 1.19 ng/ul

RT: 22.84 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BM003963.D

Acq: 12 Jan 2016 20:07

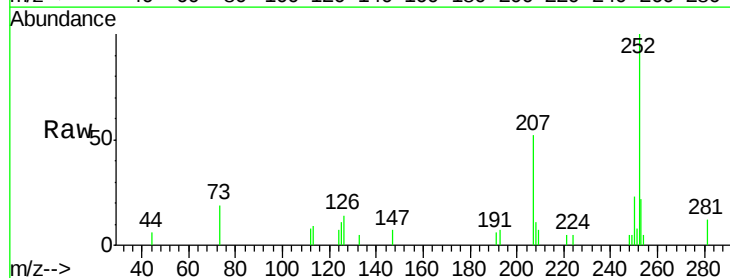
Tgt Ion:252 Resp: 17284

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

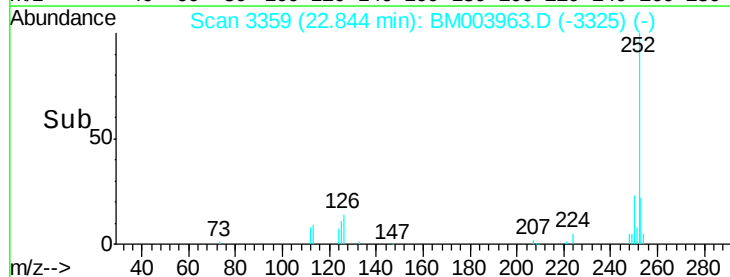
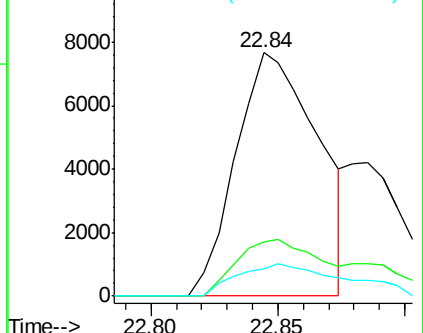
125 11.4 8.5 12.7

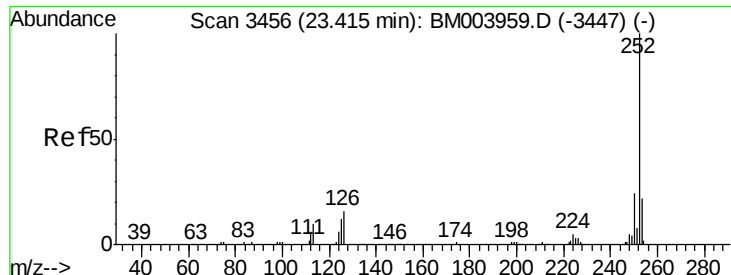


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 23.41 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM003963.D

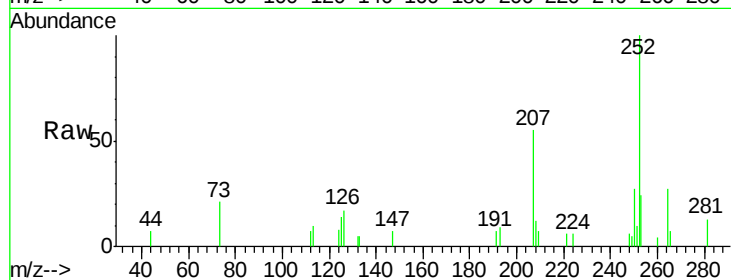
Acq: 12 Jan 2016 20:07

Instrument :

BNA_M

ClientSampleId :

BC9B6



Tgt Ion:	252	Resp:	13903
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	13.5	9.0	13.6

