

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070316\
 Data File : BM006250.D
 Acq On : 04 Jul 2016 00:36
 Operator : UM/SJ
 Sample : H3612-14 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 04 01:56:26 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 01:54:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	250417	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1172073	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	706898	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1626431	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	1652550	20.00	ng/ul	0.00
83) Perylene-d12	23.45	264	1338105	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.82	99	12631	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	10904	0.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	10874	0.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	7520	0.40	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	5498	0.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	5175	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	9040	0.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	4675	0.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	40966	0.69	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	51142	0.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2175	0.19	ng/ul	0.01
57) Fluorene-d10	15.29	176	42465	0.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1499	0.16	ng/ul	0.00
70) Anthracene-d10	17.14	188	61531	0.79	ng/ul	0.00
76) Pyrene-d10	19.44	212	68984	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.31	264	49686	0.80	ng/ul	0.00

Target Compounds

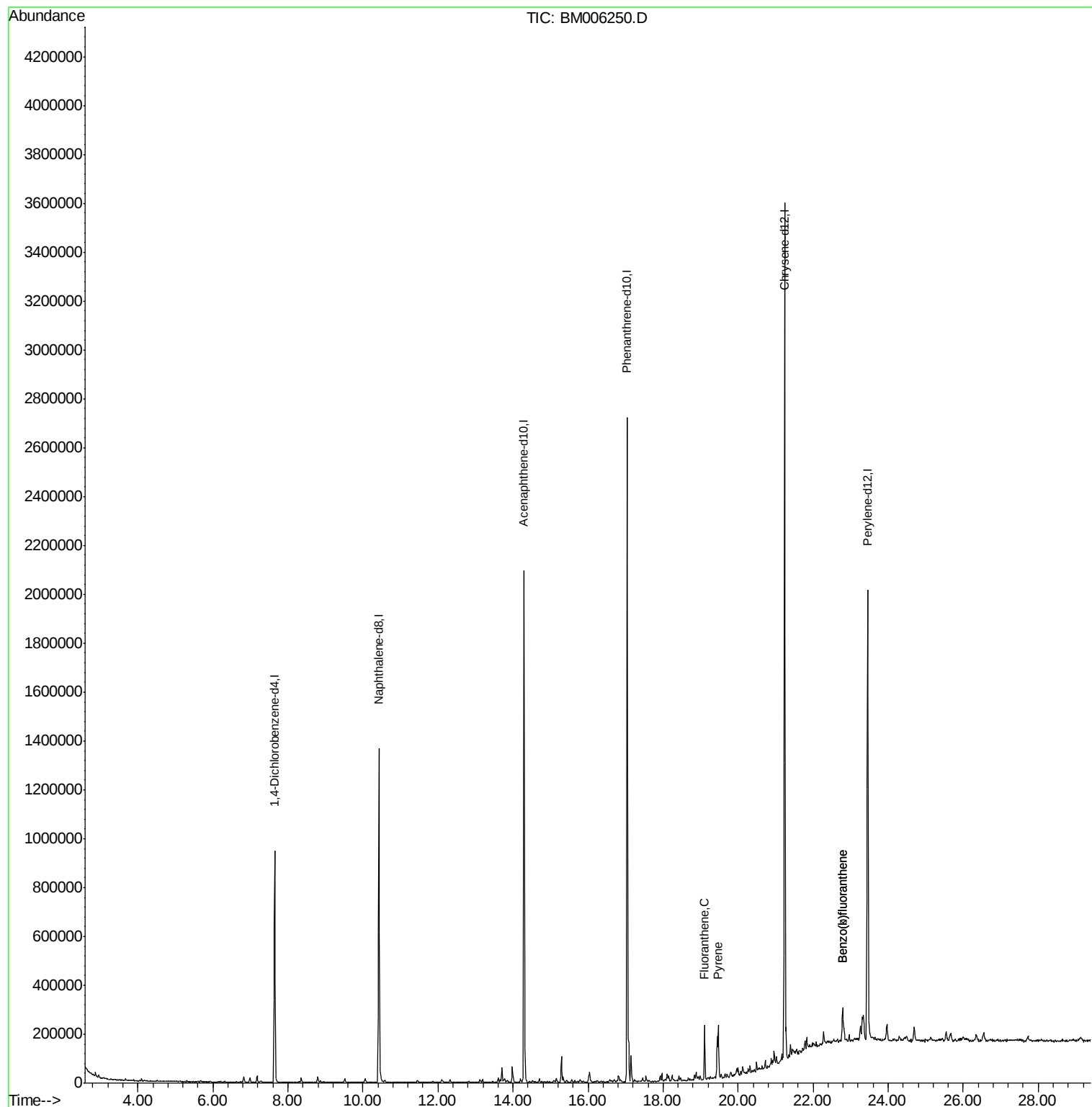
					Ovalue
74) Fluoranthene	19.11	202	138704	1.37 ng/ul	98
77) Pyrene	19.47	202	125378	1.21 ng/ul	98
85) Benzo(b)fluoranthene	22.79	252	84483	1.07 ng/ul#	95
86) Benzo(k)fluoranthene	22.79	252	84483	1.15 ng/ul#	95

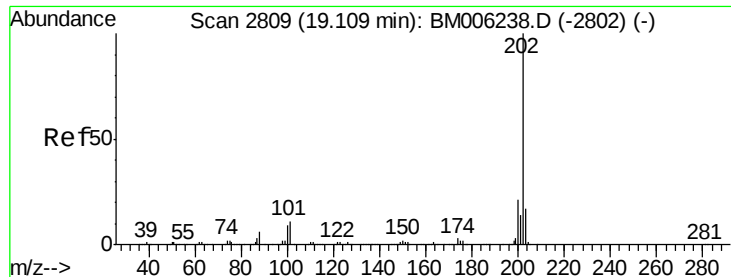
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#74

Fluoranthene

Concen: 1.37 ng/ul

RT: 19.11 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM006250.D

Acq: 04 Jul 2016 00:36

Instrument :

BNA_M

ClientSampleId :

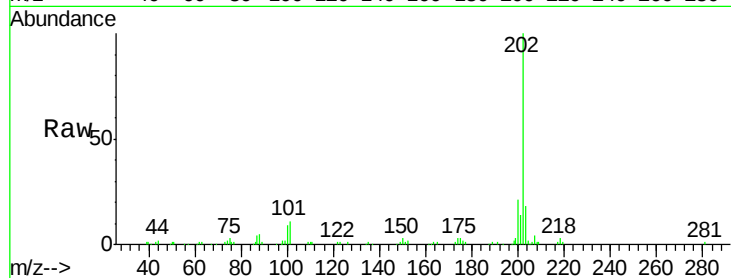
Tot Ion:202 Resp: 138704

Ion Ratio Lower Upper

202 100

101 11.5 8.6 12.8

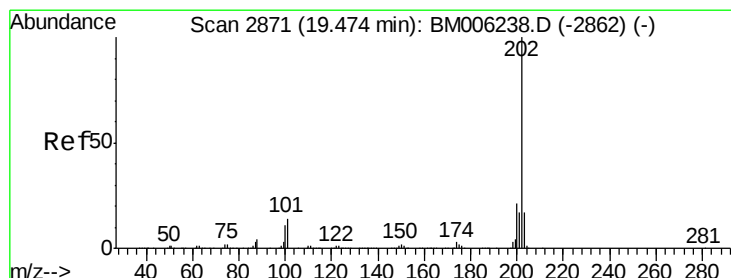
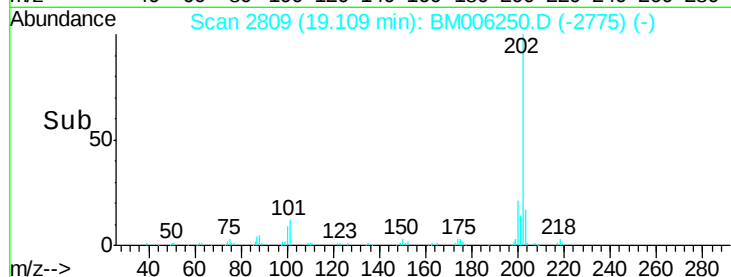
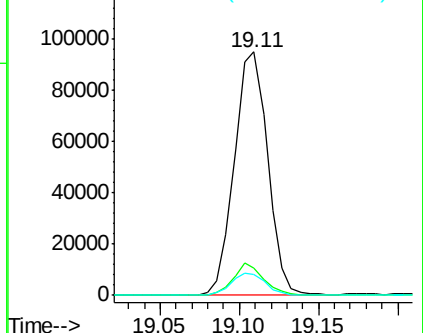
100 8.7 6.4 9.6



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



#77

Pyrene

Concen: 1.21 ng/ul

RT: 19.47 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM006250.D

Acq: 04 Jul 2016 00:36

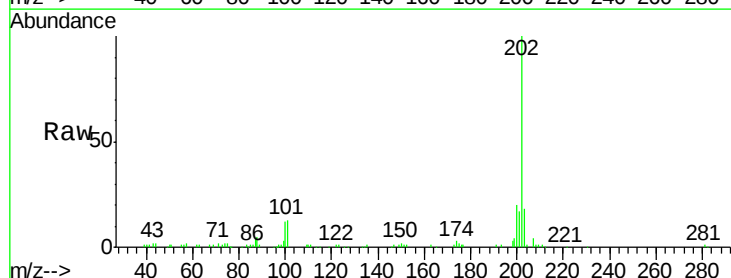
Tgt Ion:202 Resp: 125378

Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

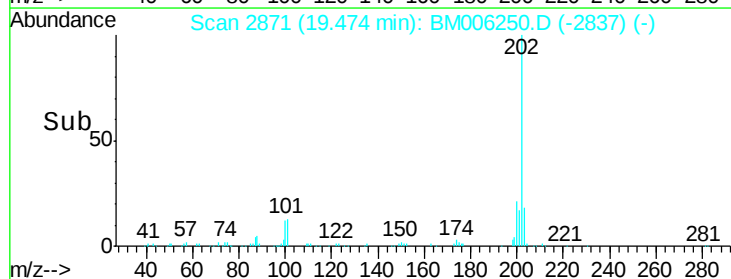
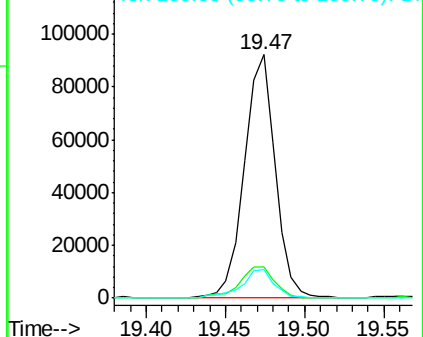
100 11.5 7.9 11.9

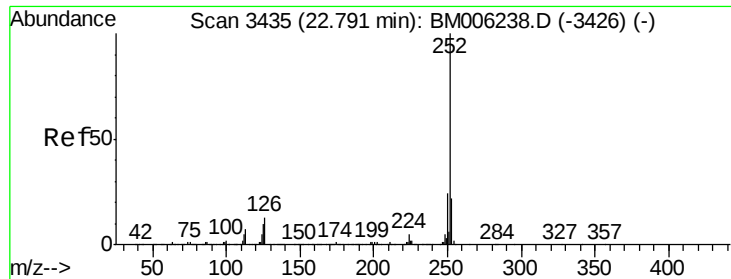


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.07 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BM006250.D

Acq: 04 Jul 2016 00:36

Instrument :

BNA_M

ClientSampled :

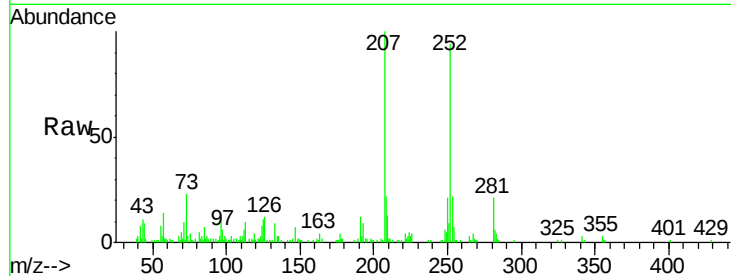
Tot Ion:252 Resp: 84483

Ion Ratio Lower Upper

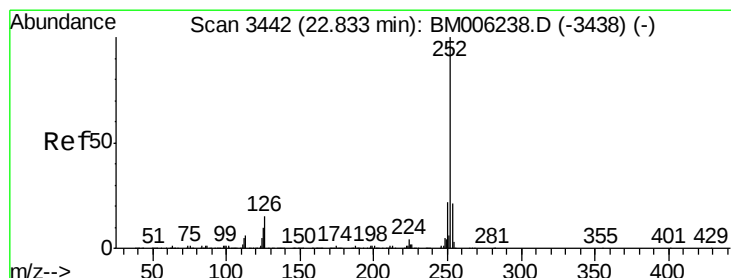
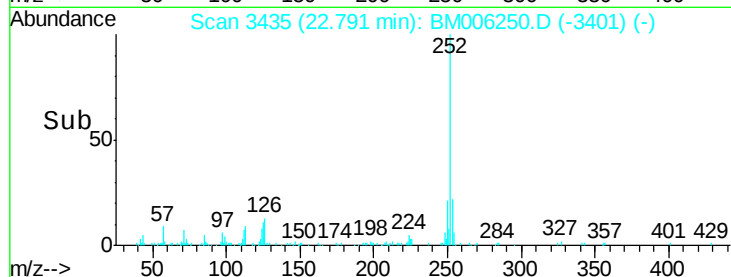
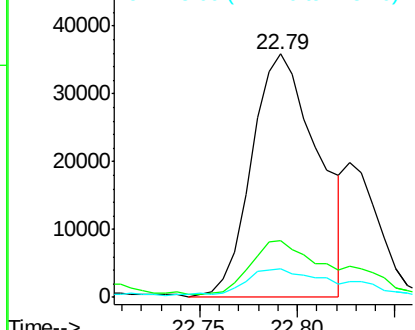
252 100

253 23.3 17.4 26.2

125 11.8 6.7 10.1#



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



#86

Benzo(k)fluoranthene

Concen: 1.15 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.04 min

Lab File: BM006250.D

Acq: 04 Jul 2016 00:36

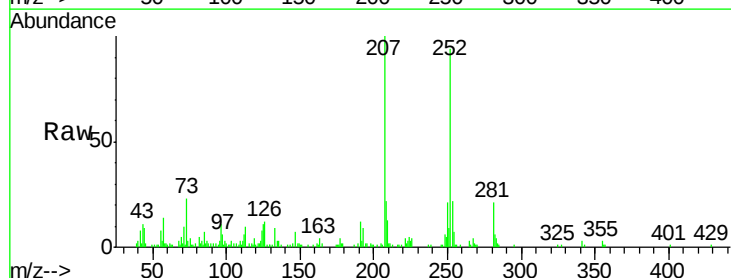
Tgt Ion:252 Resp: 84483

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

125 11.8 7.0 10.4#



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

