

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071616\
 Data File : BM006490.D
 Acq On : 16 Jul 2016 22:28
 Operator : UM/SJ
 Sample : H3985-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 18 06:19:18 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	164466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	696094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	392212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	892903	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1086773	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	1155464	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	9158	2.34	ng/uL	0.00
5) Phenol-d5	6.79	99	385462	28.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	248542	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	306830	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	306937	28.66	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	148557	28.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	158803	26.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	287416	25.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	367571	31.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	917008	28.57	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1132416	28.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	136537	24.49	ng/ul	0.00
57) Fluorene-d10	15.26	176	808074	28.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	110095	21.31	ng/ul	0.00
70) Anthracene-d10	17.12	188	1282284	30.38	ng/ul	0.00
76) Pyrene-d10	19.42	212	1605792	32.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1855520	35.12	ng/ul	-0.01

Target Compounds

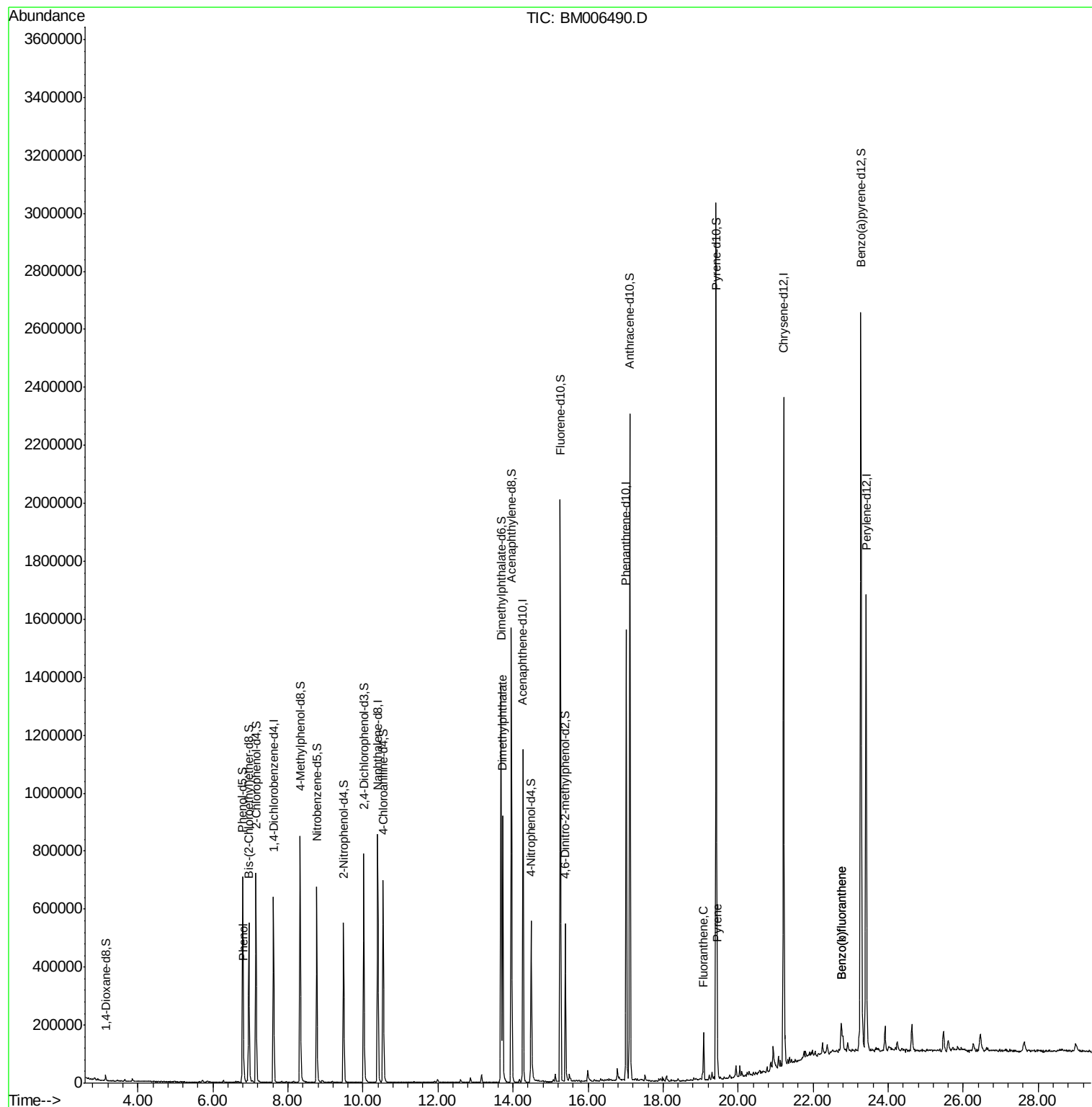
						Ovalue
6) Phenol	6.82	94	21041	1.48	ng/ul#	86
44) Dimethylphthalate	13.73	163	554745	17.03	ng/ul	99
74) Fluoranthene	19.08	202	95926	1.68	ng/ul	98
77) Pyrene	19.44	202	89199	1.37	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	75296	1.09	ng/ul#	98
86) Benzo(k)fluoranthene	22.76	252	75296	1.16	ng/ul	98

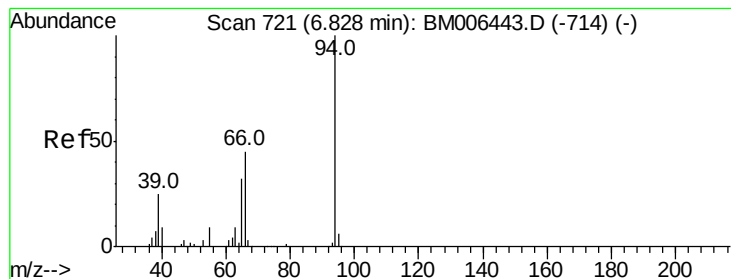
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.48 ng/ul

RT: 6.82 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

Instrument :

BNA_M

ClientSampleId :

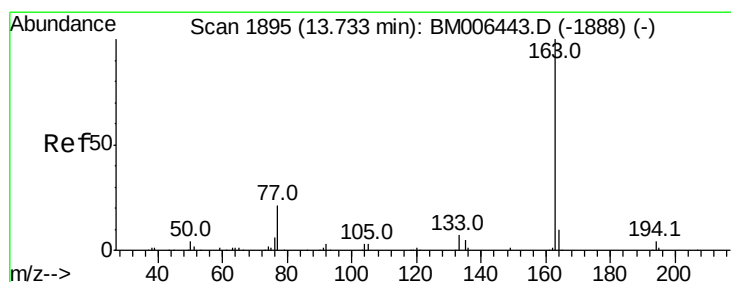
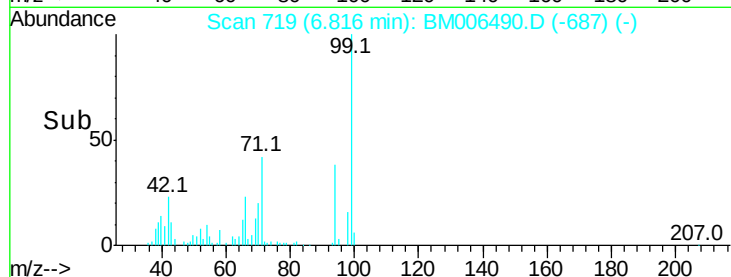
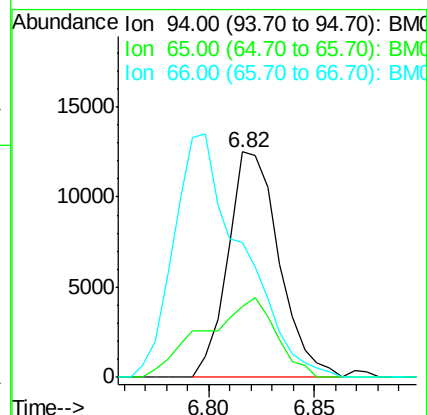
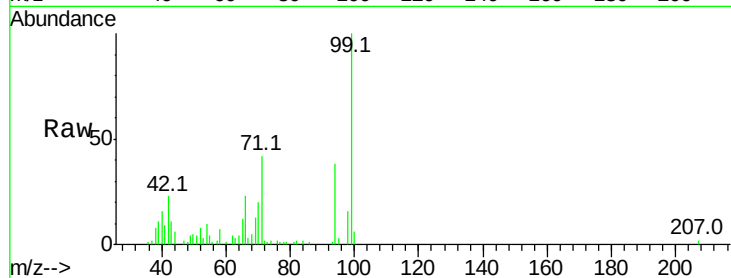
Tot Ion: 94 Resp: 21041

Ion Ratio Lower Upper

94 100

65 31.2 25.8 38.8

66 59.9 35.7 53.5#



#44

Dimethylphthalate

Concen: 17.03 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

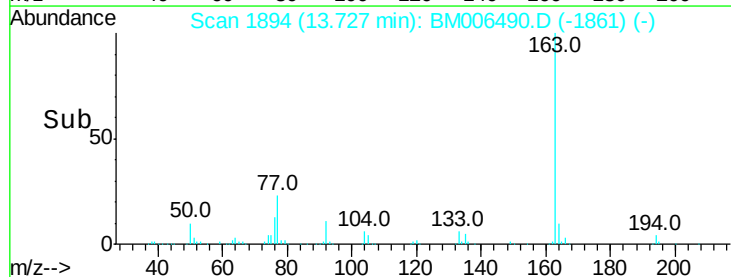
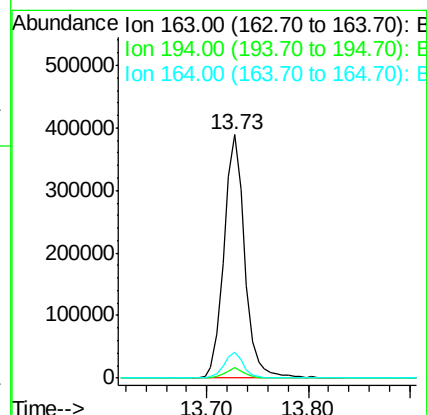
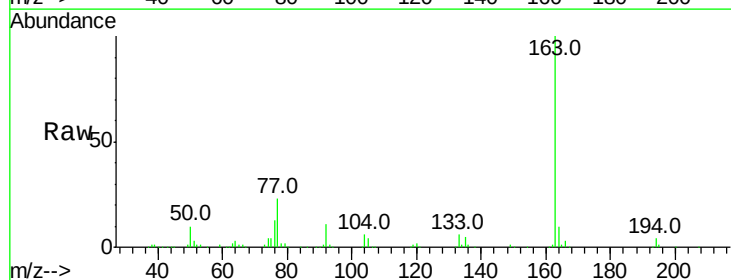
Tgt Ion:163 Resp: 554745

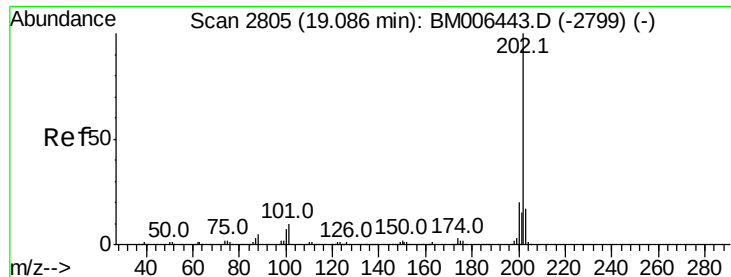
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.4 7.8 11.8





#74

Fluoranthene

Concen: 1.68 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

Instrument :

BNA_M

ClientSampleId :

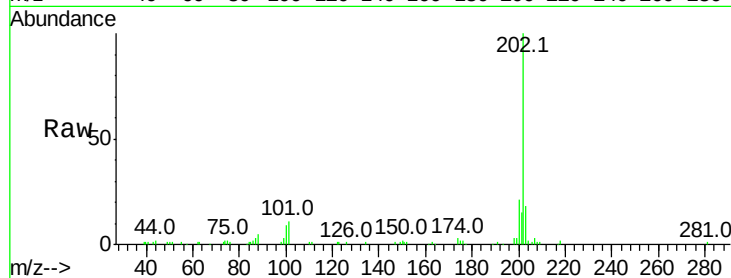
Tot Ion:202 Resp: 95926

Ion Ratio Lower Upper

202 100

101 11.3 8.6 12.8

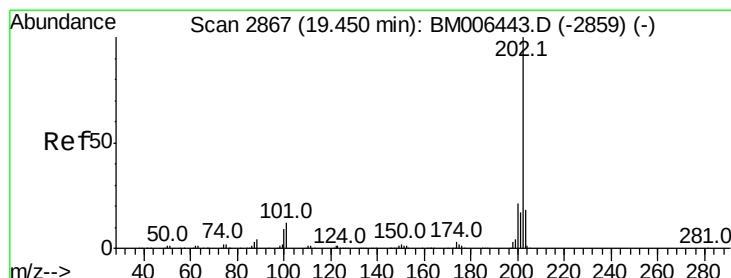
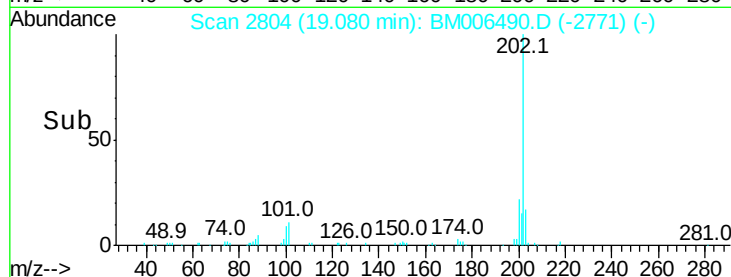
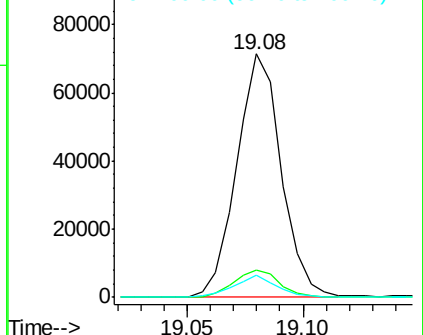
100 9.1 6.4 9.6



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: 1.37 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

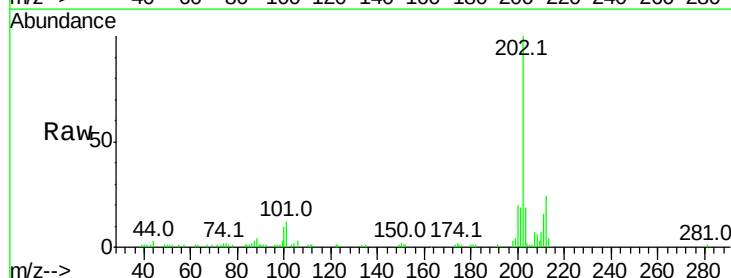
Tgt Ion:202 Resp: 89199

Ion Ratio Lower Upper

202 100

101 12.2 10.0 15.0

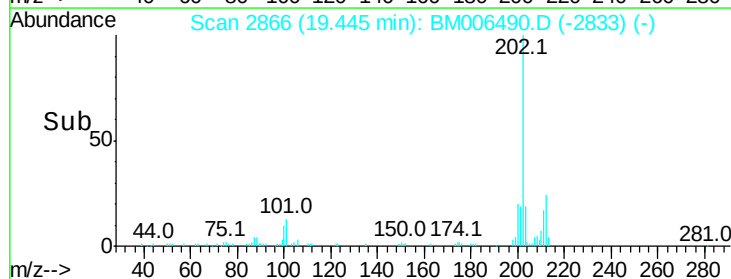
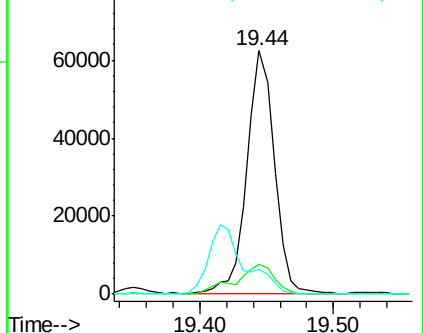
100 9.9 7.9 11.9

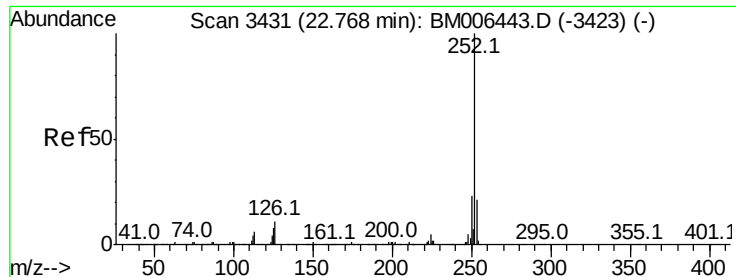


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.09 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. -0.01 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

Instrument :

BNA_M

ClientSampleId :

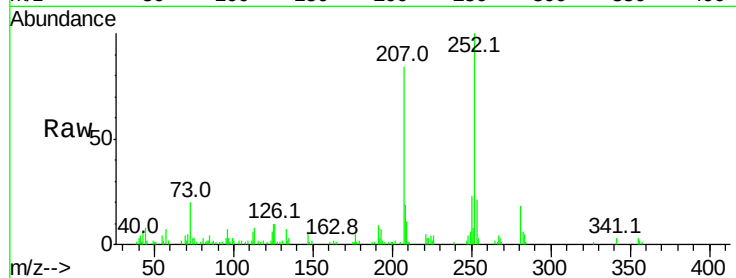
Tot Ion:252 Resp: 75296

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

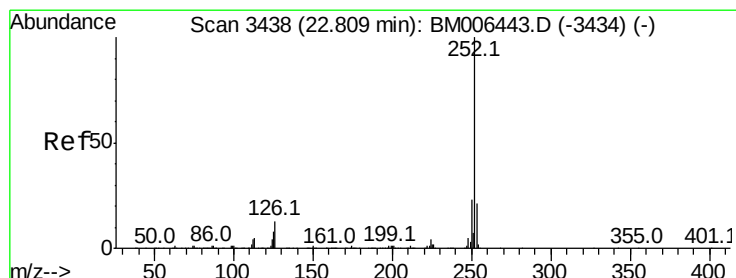
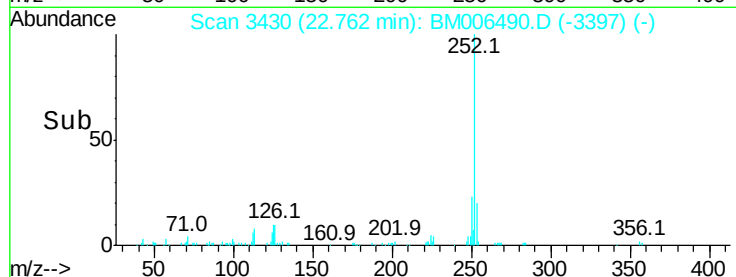
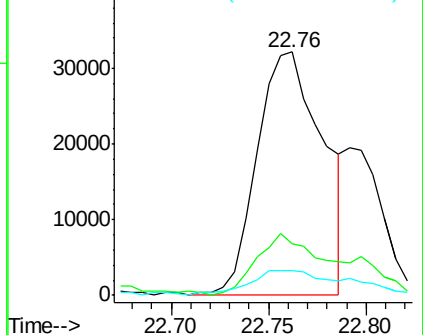
125 10.3 6.7 10.1#



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: 1.16 ng/ul

RT: 22.76 min Scan# 3430

Delta R.T. -0.05 min

Lab File: BM006490.D

Acq: 16 Jul 2016 22:28

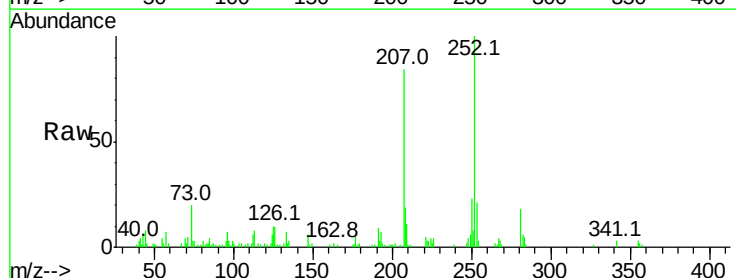
Tgt Ion:252 Resp: 75296

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.3 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

