

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007867.D
 Acq On : 14 Nov 2016 22:21
 Operator : UM/SJ
 Sample : H5610-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4Q0

Quant Time: Nov 15 02:51:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 02:47:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	180171	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	683590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	425244	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	828298	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1008988	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1033724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	15454	3.68	ng/uL	0.00
5) Phenol-d5	6.91	99	265757	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	165632	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	213170	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	193957	17.83	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	101684	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	105389	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	196131	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	181689	15.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	620436	21.43	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	712350	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	61800	13.50	ng/ul	0.01
57) Fluorene-d10	15.36	176	532774	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	64853	13.18	ng/ul	0.00
70) Anthracene-d10	17.22	188	791240	21.20	ng/ul	0.00
76) Pyrene-d10	19.52	212	952480	22.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1011420	22.41	ng/ul	0.00

Target Compounds

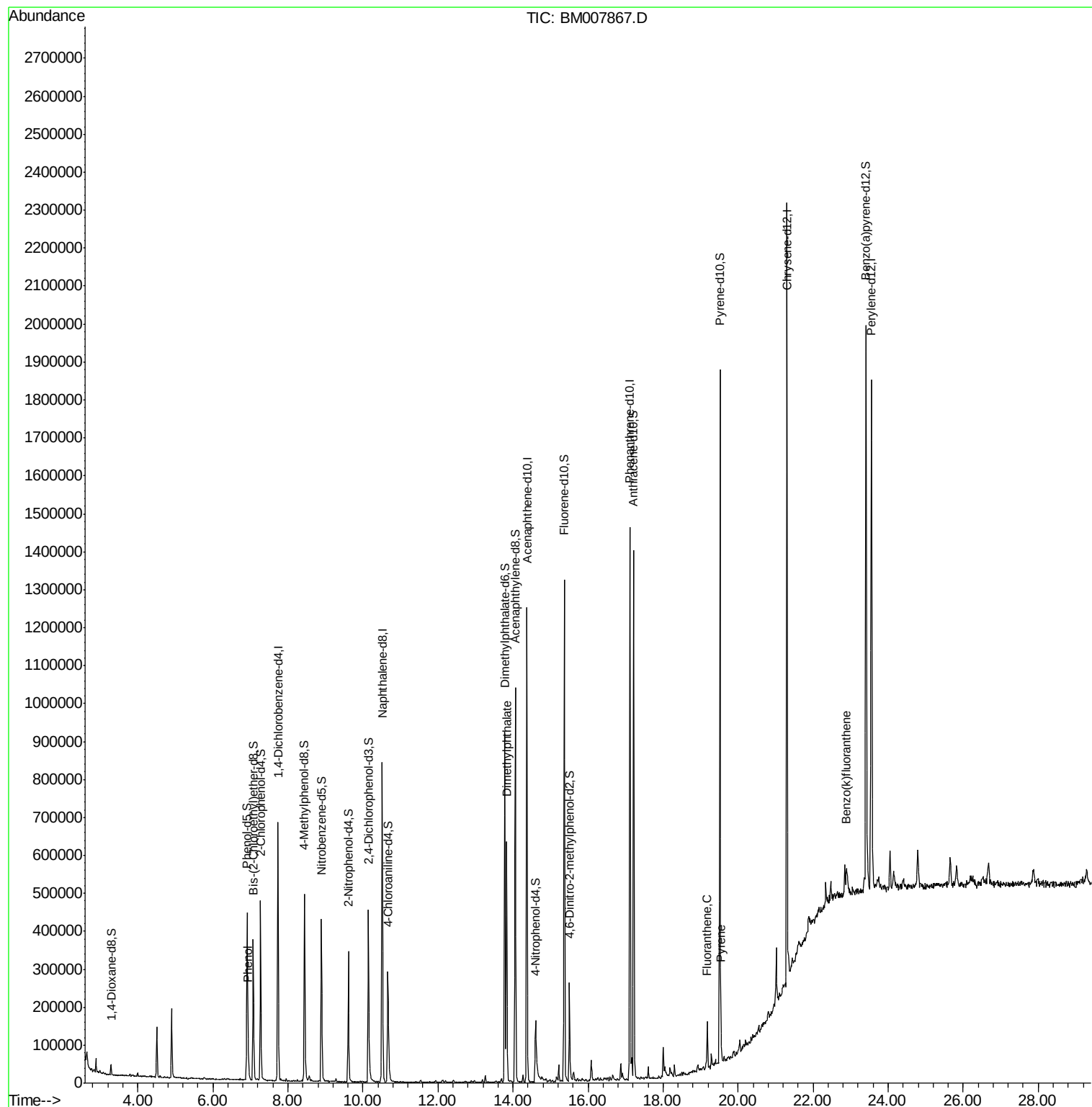
						Qvalue
6) Phenol	6.94	94	38822	2.72	ng/ul	95
44) Dimethylphthalate	13.83	163	412189	14.66	ng/ul	99
74) Fluoranthene	19.18	202	68424	1.33	ng/ul	99
77) Pyrene	19.54	202	66563	1.28	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	56365	1.04	ng/ul#	89

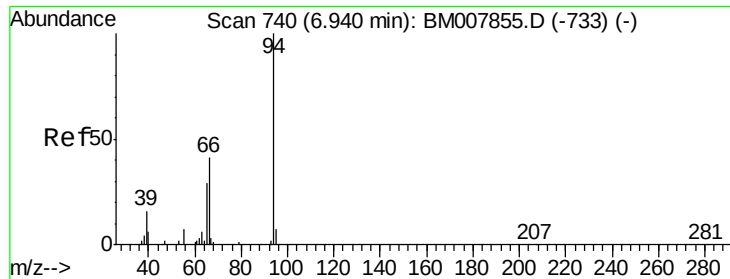
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.72 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM007867.D

Acq: 14 Nov 2016 22:21

Instrument :

BNA_M

ClientSampleId :

BD4Q0

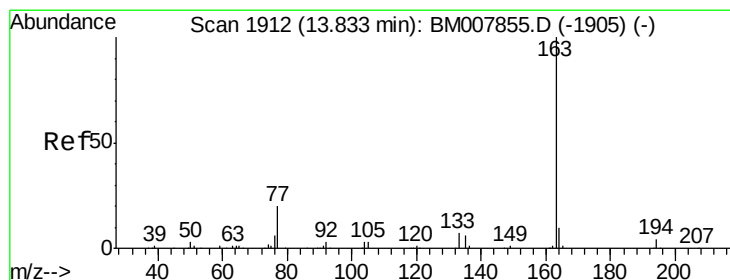
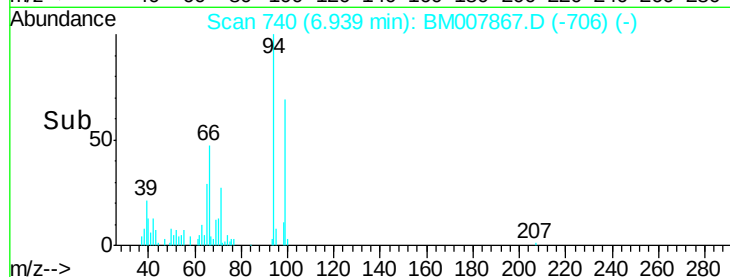
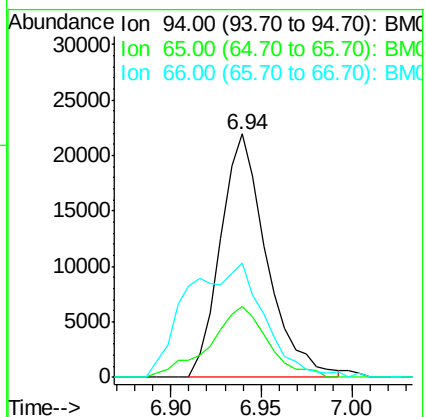
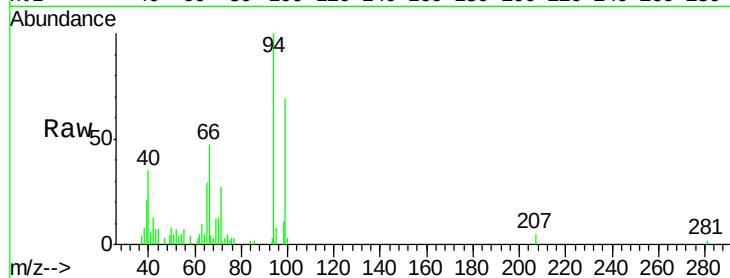
Tgt Ion: 94 Resp: 38822

Ion Ratio Lower Upper

94 100

65 29.2 23.9 35.9

66 47.2 33.5 50.3



#44

Dimethylphthalate

Concen: 14.66 ng/ul

RT: 13.83 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM007867.D

Acq: 14 Nov 2016 22:21

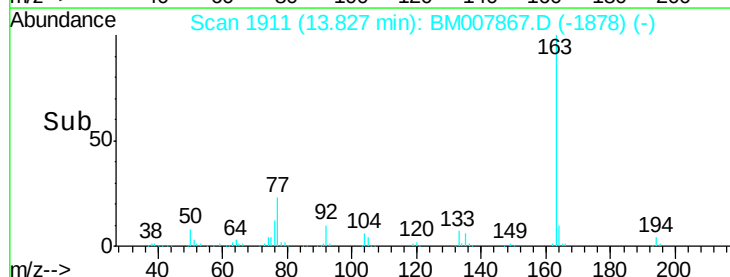
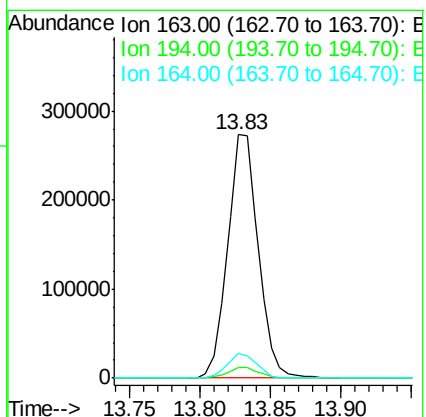
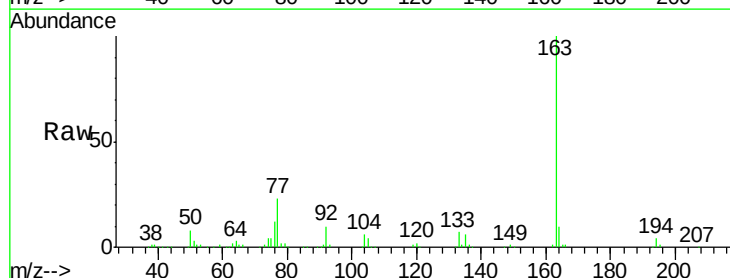
Tgt Ion: 163 Resp: 412189

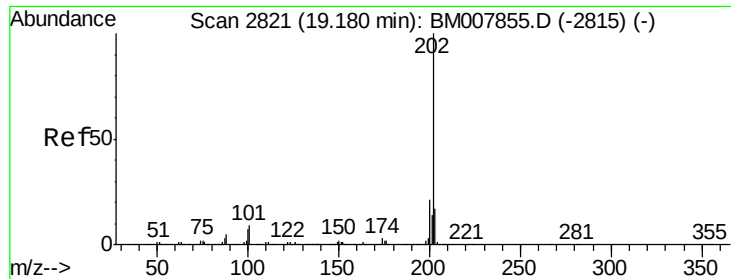
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 7.8 11.8





#74

Fluoranthene

Concen: 1.33 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM007867.D

Acq: 14 Nov 2016 22:21

Instrument :

BNA_M

ClientSampleId :

BD4Q0

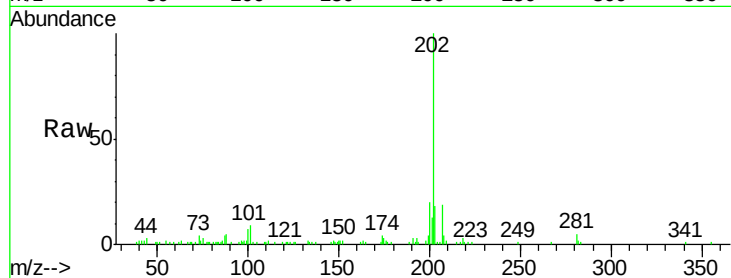
Tgt Ion:202 Resp: 68424

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

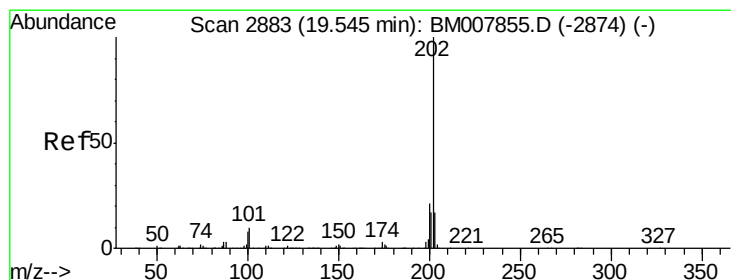
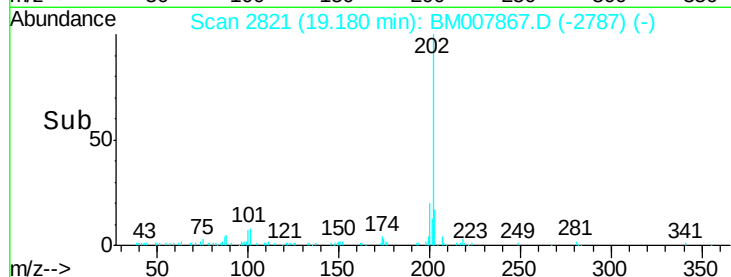
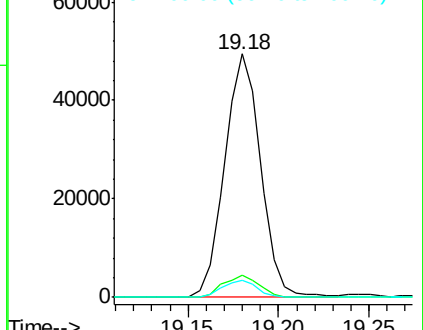
100 7.2 5.4 8.0



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: 1.28 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM007867.D

Acq: 14 Nov 2016 22:21

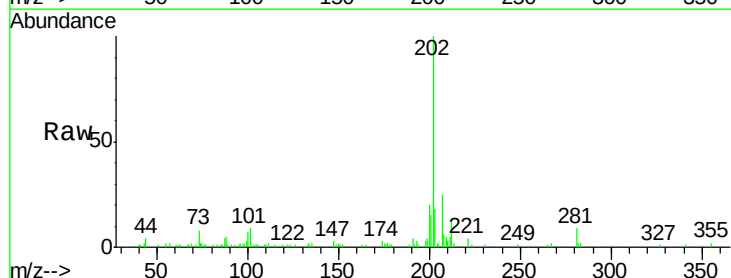
Tgt Ion:202 Resp: 66563

Ion Ratio Lower Upper

202 100

101 9.0 8.4 12.6

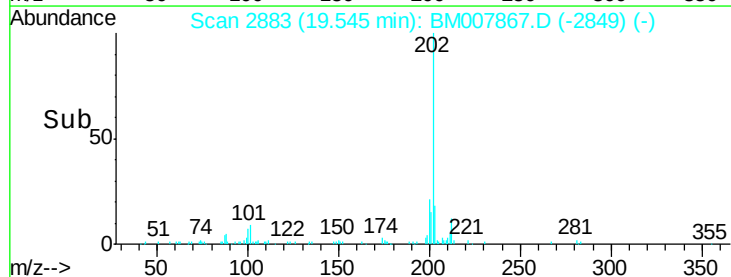
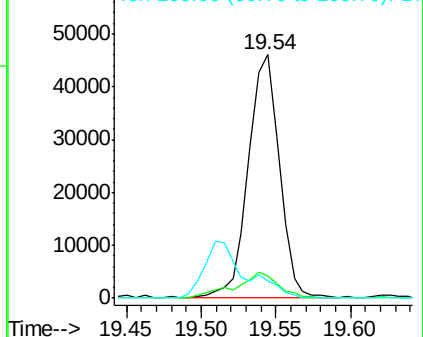
100 6.8 6.9 10.3#

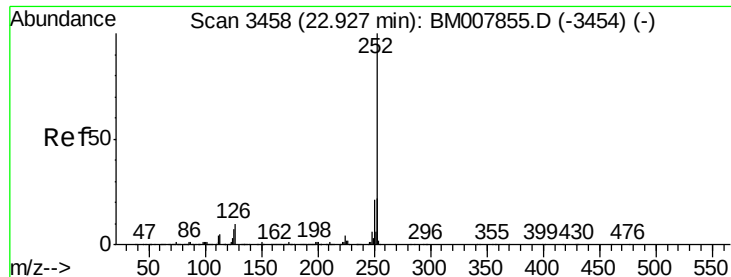


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#86

Benzo(k)fluoranthene

Concen: 1.04 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.04 min

Lab File: BM007867.D

Acq: 14 Nov 2016 22:21

Instrument :

BNA_M

ClientSampleId :

BD4Q0

Tgt Ion:252 Resp: 56365

Ion Ratio Lower Upper

252 100

253 27.9 17.6 26.4#

125 10.1 5.7 8.5#

