

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111115\
 Data File : BM003090.D
 Acq On : 11 Nov 2015 18:11
 Operator : UM/IZ
 Sample : G4322-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR5

Quant Time: Nov 13 11:29:30 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	111679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	521674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	320553	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	729304	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	731939	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	608819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6856	2.89	ng/uL	0.00
5) Phenol-d5	6.91	99	128797	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	80649	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	112858	15.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	103259	14.51	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	53783	16.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	55558	17.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	107645	14.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	99057	10.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	383756	15.91	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	416029	13.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	40403	9.94	ng/ul	0.00
58) Fluorene-d10	15.39	176	294959	14.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	36084	10.68	ng/ul	0.00
71) Anthracene-d10	17.24	188	435992	13.49	ng/ul	0.00
79) Pyrene-d10	19.54	212	429625	11.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	297391	10.28	ng/ul	0.00

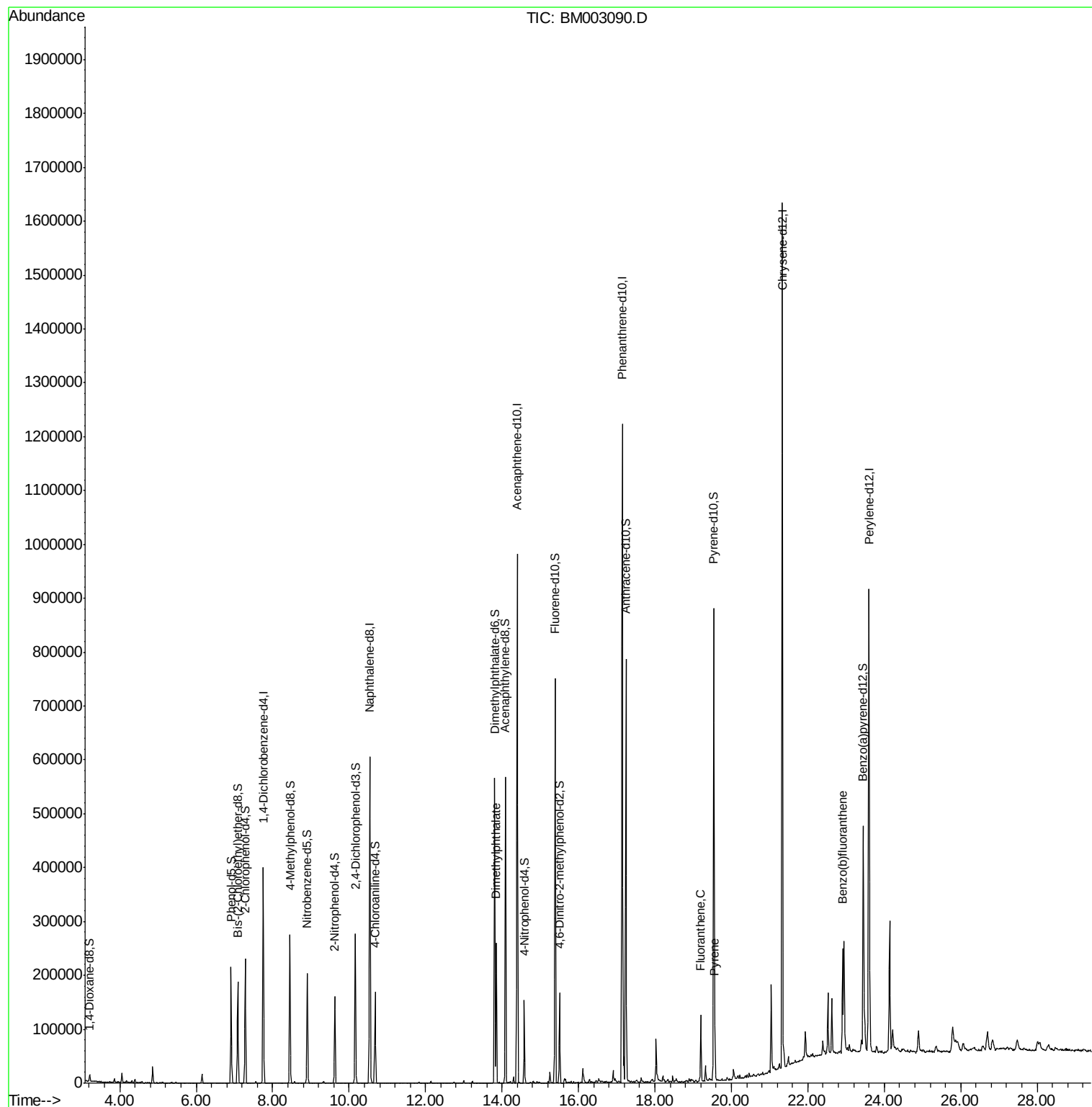
Target Compounds						Qvalue
45) Dimethylphthalate	13.85	163	170161	6.92	ng/ul	99
77) Fluoranthene	19.20	202	66365	1.59	ng/ul	95
80) Pyrene	19.57	202	62138	1.30	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	35635	1.02	ng/ul	96

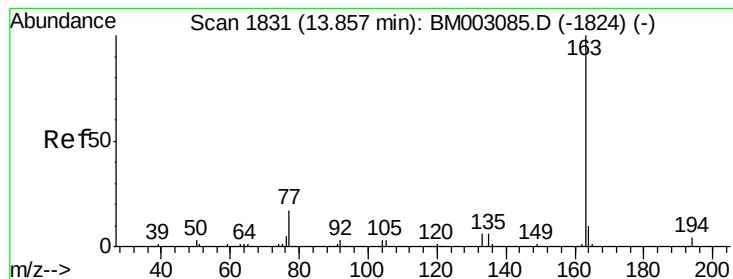
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.92 ng/ul

RT: 13.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BM003090.D

Acq: 11 Nov 2015 18:11

Instrument :

BNA_M

ClientSampleId :

A4HR5

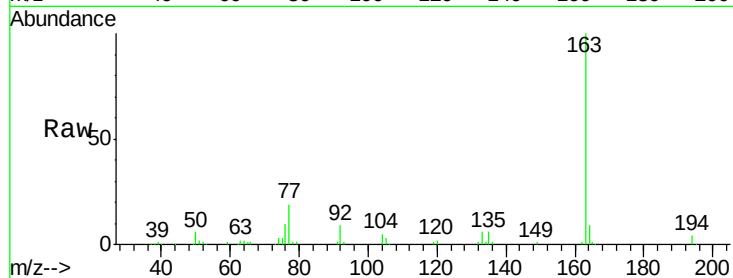
Tgt Ion:163 Resp: 170161

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

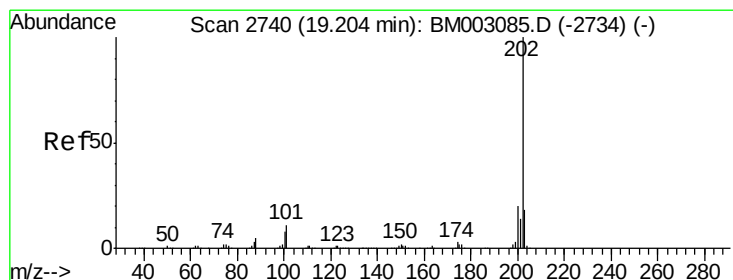
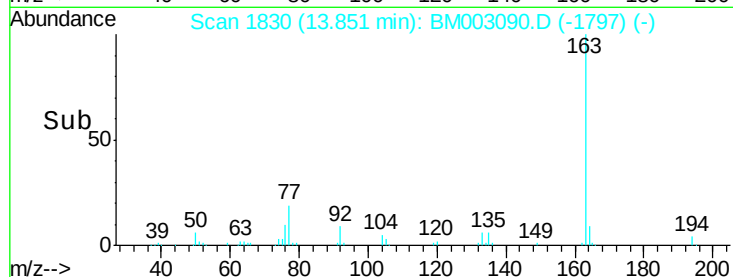
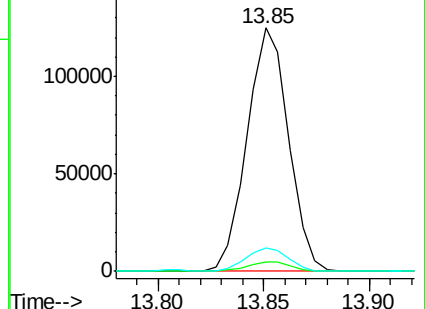
164 9.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 1.59 ng/ul

RT: 19.20 min Scan# 2740

Delta R.T. -0.00 min

Lab File: BM003090.D

Acq: 11 Nov 2015 18:11

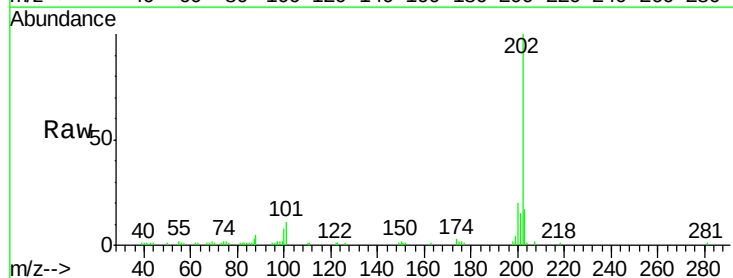
Tgt Ion:202 Resp: 66365

Ion Ratio Lower Upper

202 100

101 11.4 10.4 15.6

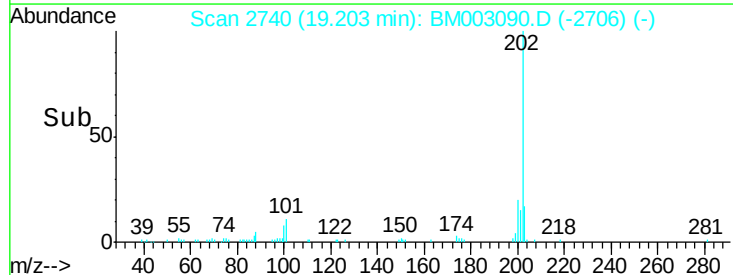
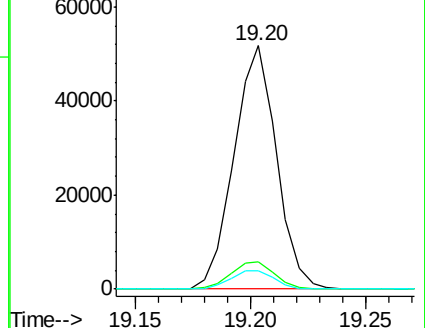
100 7.8 7.8 11.6

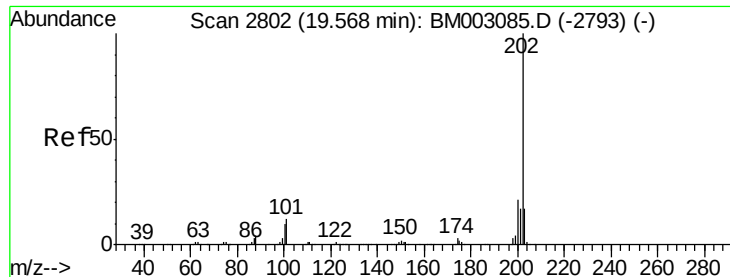


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

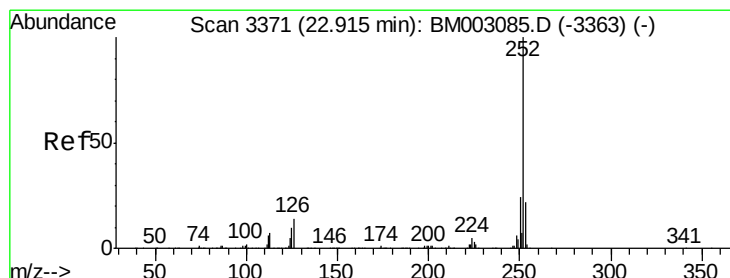
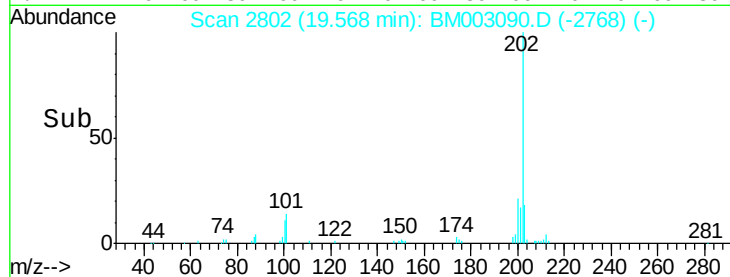
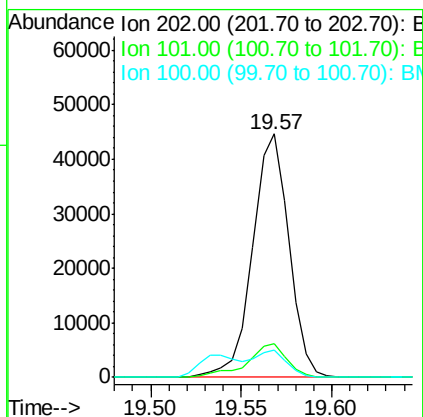
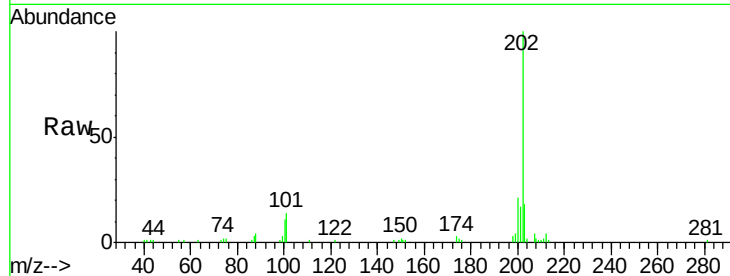




#80
Pyrene
Concen: 1.30 ng/ul
RT: 19.57 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM003090.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.6	18.8
100	11.1	10.6	15.8



#88
Benzo(b)fluoranthene
Concen: 1.02 ng/ul
RT: 22.91 min Scan# 3371
Delta R.T. -0.00 min
Lab File: BM003090.D
Acq: 11 Nov 2015 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	15.3	10.7	16.1

