

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
 Data File : BM006770.D
 Acq On : 30 Jul 2016 13:05
 Operator : UM/SJ
 Sample : H4192-08MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 04:25:16 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	167961	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	737403	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	412950	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	935398	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1090223	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1122152	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	6035	1.45	ng/uL	0.00
3) Phenol-d5	6.79	99	213158	14.92	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	152660	17.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	182781	16.01	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	126178	11.39	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	89285	16.00	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	95282	16.05	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	169287	15.09	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	199871	16.18	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	572804	17.69	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	726156	17.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	66859	11.89	ng/ul	0.00
21) Fluorene-d10	15.26	176	504010	17.41	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	55486	11.43	ng/ul	0.00
26) Anthracene-d10	17.10	188	768480	17.30	ng/ul	0.00
30) Pyrene-d10	19.41	212	881800	17.75	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	882555	17.10	ng/ul	-0.01

Target Compounds

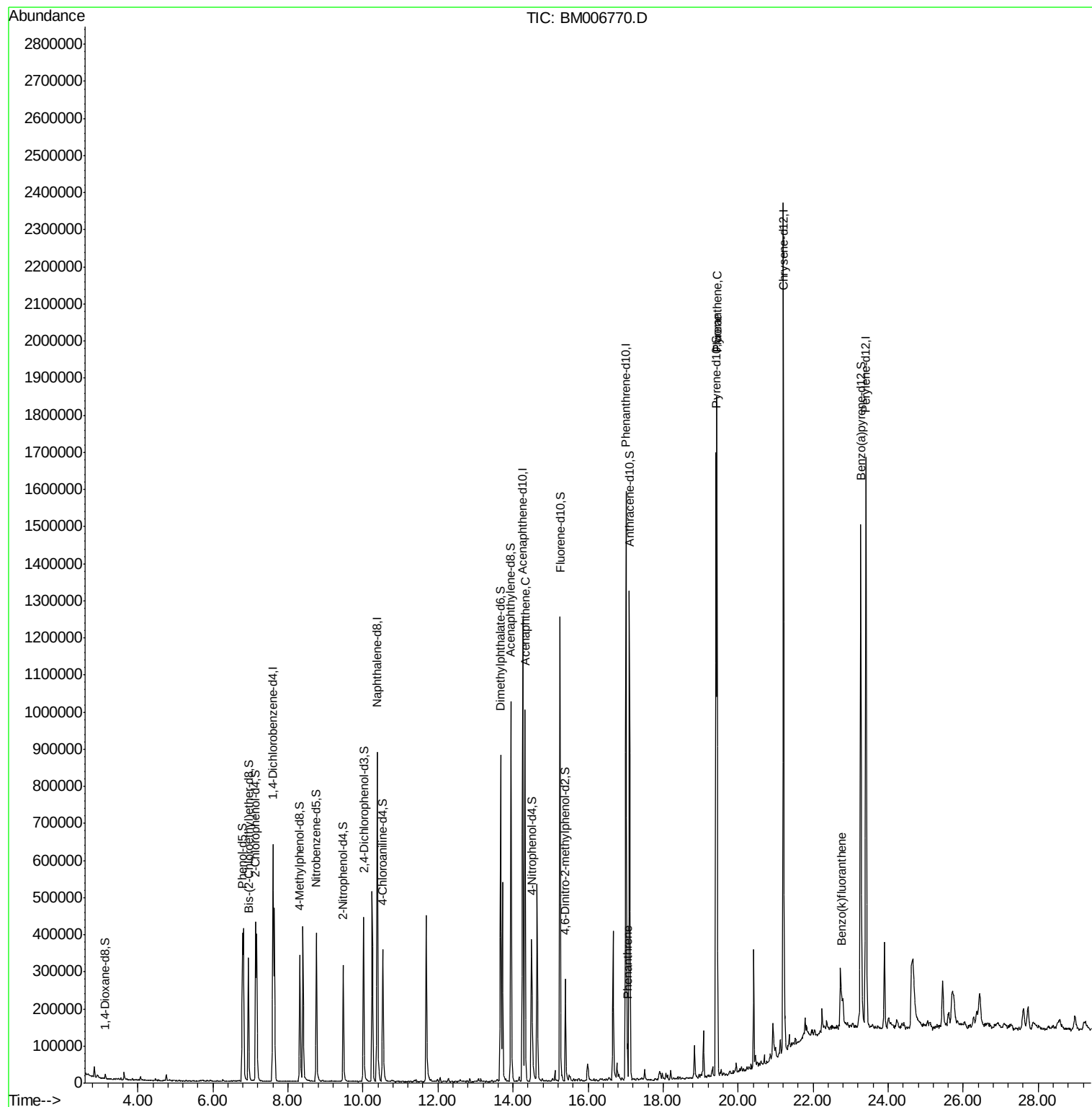
						Ovalue
19) Acenaphthene	14.32	153	425951	14.97	ng/ul	95
25) Phenanthrene	17.05	178	56641	1.08	ng/ul	97
28) Fluoranthene	19.44	202	1041270	16.85	ng/ul	95
31) Pyrene	19.44	202	1041270	15.77	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	66173	1.02	ng/ul	98

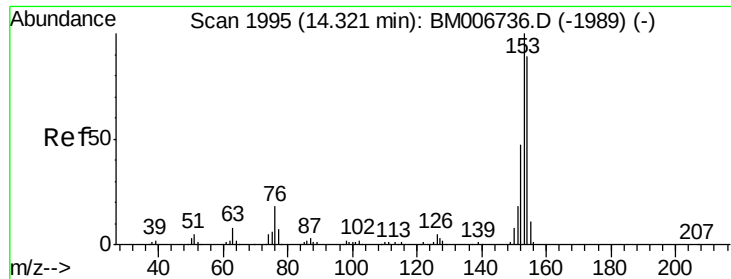
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 14.97 ng/ul

RT: 14.32 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BM006770.D

Acq: 30 Jul 2016 13:05

Instrument :

BNA_M

ClientSampleId :

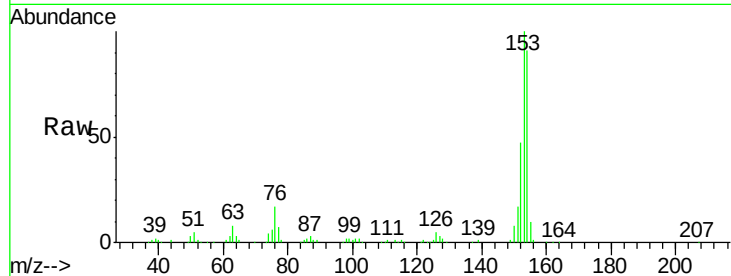
Tot Ion:153 Resp: 425951

Ion Ratio Lower Upper

153 100

152 46.9 36.5 54.7

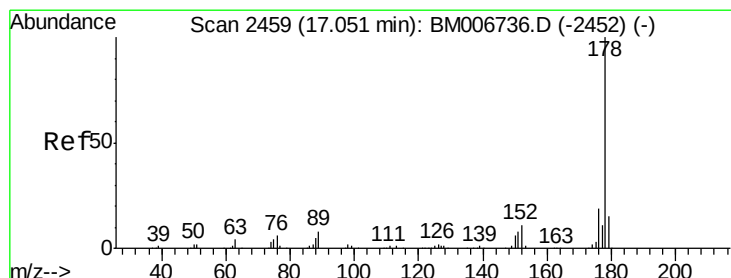
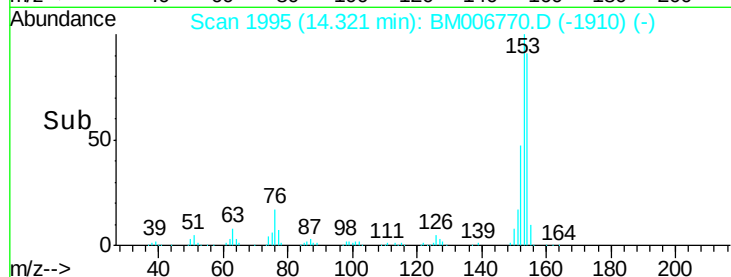
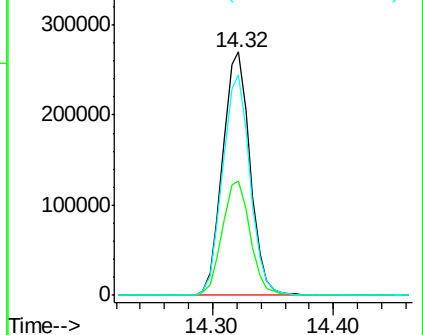
154 90.8 67.3 100.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#25

Phenanthrene

Concen: 1.08 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BM006770.D

Acq: 30 Jul 2016 13:05

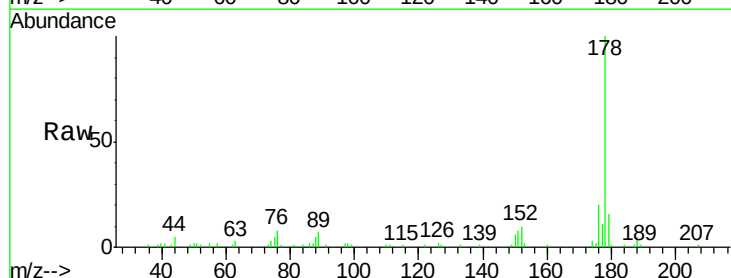
Tgt Ion:178 Resp: 56641

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.8

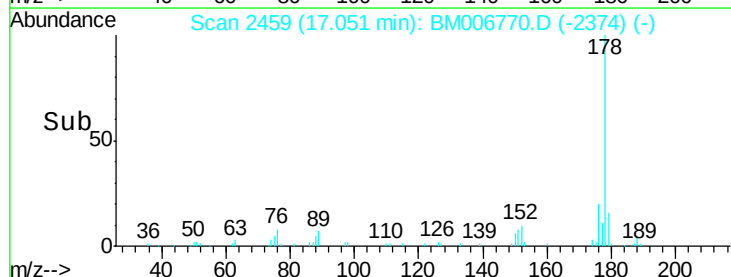
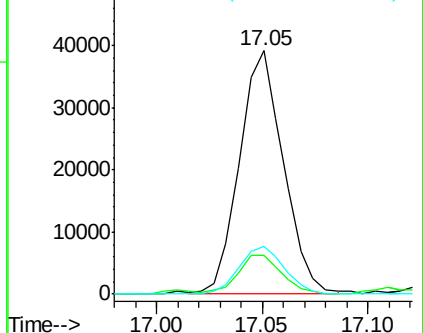
176 19.6 14.8 22.2

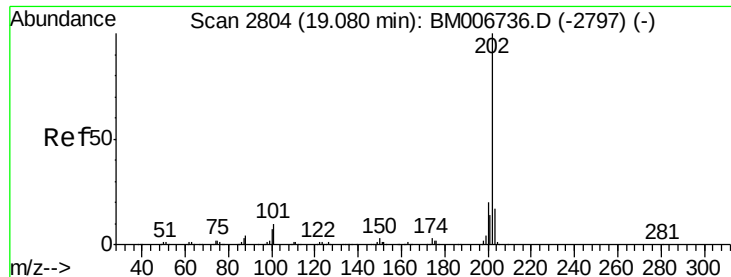


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#28

Fluoranthene

Concen: 16.85 ng/ul

RT: 19.44 min Scan# 2865

Delta R.T. 0.36 min

Lab File: BM006770.D

Acq: 30 Jul 2016 13:05

Instrument :

BNA_M

ClientSampleId :

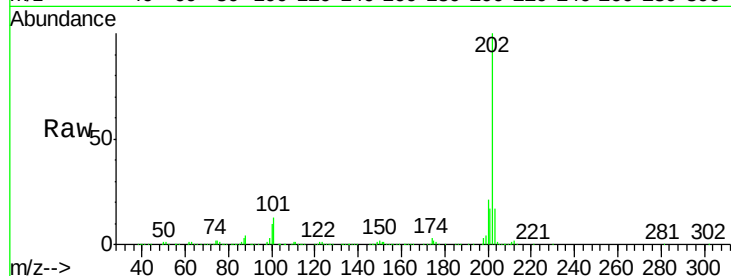
Tot Ion:202 Resp: 1041270

Ion Ratio Lower Upper

202 100

101 12.9 8.9 13.3

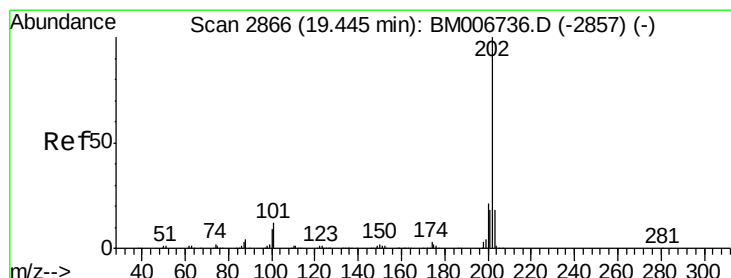
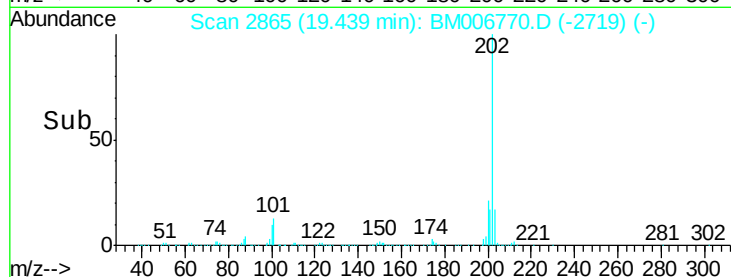
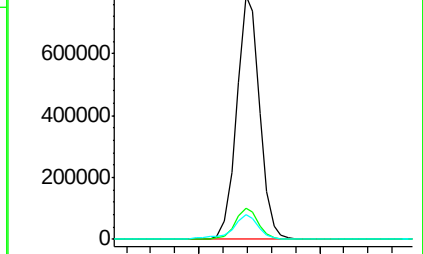
100 10.3 7.0 10.4



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



#31

Pyrene

Concen: 15.77 ng/ul

RT: 19.44 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM006770.D

Acq: 30 Jul 2016 13:05

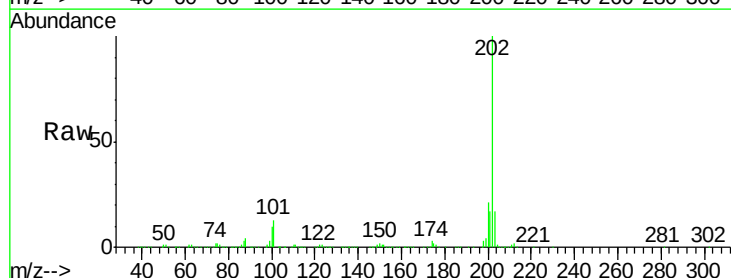
Tgt Ion:202 Resp: 1041270

Ion Ratio Lower Upper

202 100

101 12.9 9.8 14.8

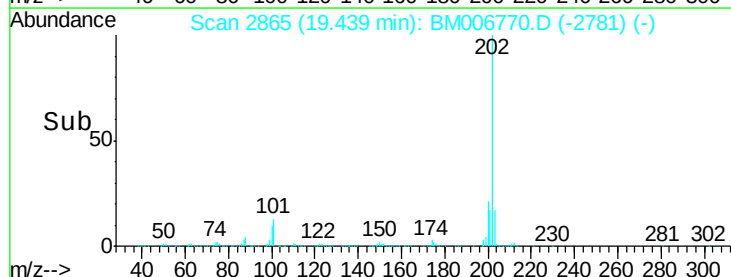
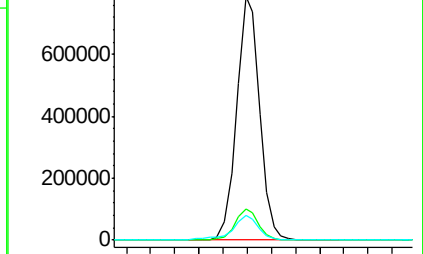
100 10.3 9.3 13.9

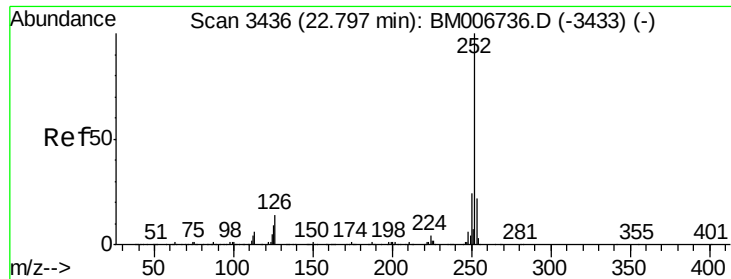


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#36
 Benzo(k)fluoranthene
 Concen: 1.02 ng/ul
 RT: 22.76 min Scan# 3429
 Delta R.T. -0.04 min
 Lab File: BM006770.D
 Acq: 30 Jul 2016 13:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	9.6	7.7	11.5

