

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
 Data File : BM006769.D
 Acq On : 30 Jul 2016 12:28
 Operator : UM/SJ
 Sample : H4192-07MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 04:25:08 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	196259	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	865354	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	484872	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.10	188	791700	20.00	ng/ul	0.09
29) Chrysene-d12	21.21	240	1261326	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1315318	20.00	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6090	1.25	ng/uL	0.00
3) Phenol-d5	6.79	99	218376	13.08	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	163415	15.80	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	184334	13.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	131413	10.15	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	95242	14.54	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	96492	13.85	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	175580	13.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	217239	14.98	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	589252	15.50	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	747626	15.41	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	64771	9.81	ng/ul	0.00
21) Fluorene-d10	15.26	176	520316	15.30	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.49	200	408	0.10	ng/ul	0.09
26) Anthracene-d10	17.10	188	791700	21.06	ng/ul	0.00
30) Pyrene-d10	19.41	212	904500	15.74	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	912172	15.08	ng/ul	-0.01

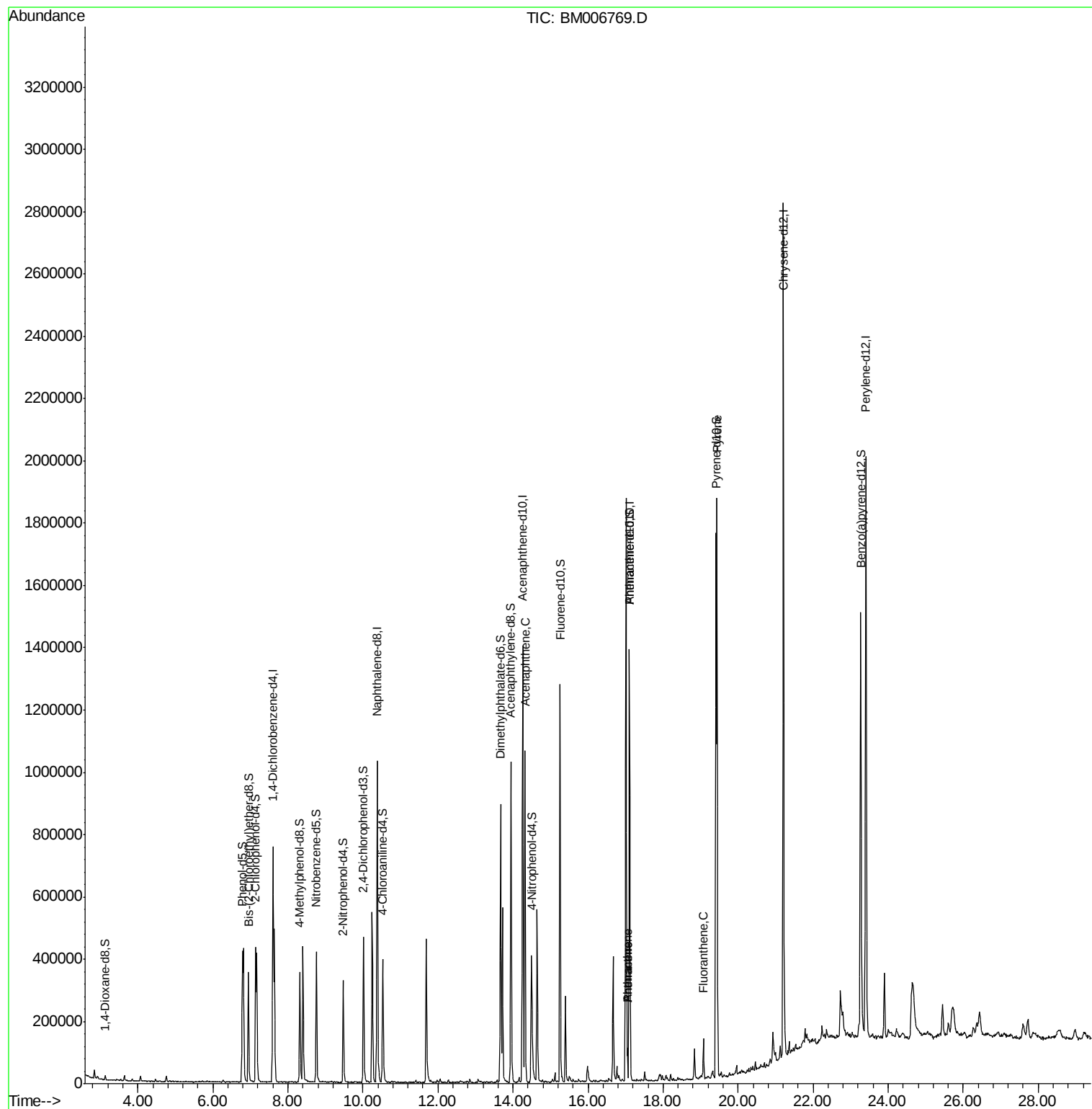
Target Compounds						Ovalue
19) Acenaphthene	14.32	153	441979	13.23	ng/ul	95
25) Phenanthrene	17.05	178	58717	1.32	ng/ul	97
27) Anthracene	17.05	178	58717	1.28	ng/ul	98
28) Fluoranthene	19.07	202	72137	1.38	ng/ul	97
31) Pyrene	19.44	202	1069291	14.00	ng/ul	97

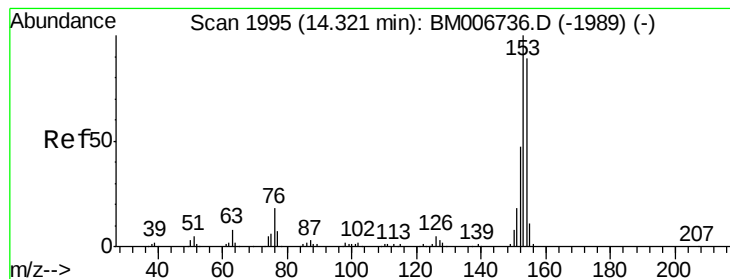
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

Acenaphthene

Concen: 13.23 ng/ul

RT: 14.32 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BM006769.D

Acq: 30 Jul 2016 12:28

Instrument :

BNA_M

ClientSampleId :

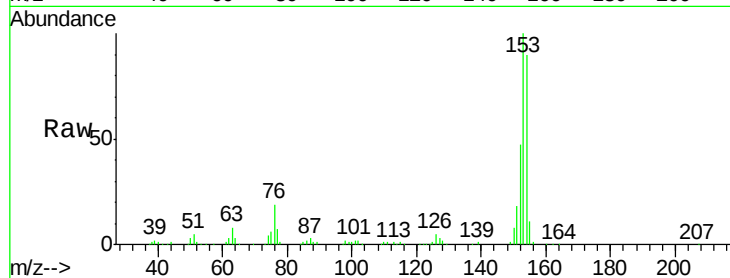
Tot Ion:153 Resp: 441979

Ion Ratio Lower Upper

153 100

152 47.2 36.5 54.7

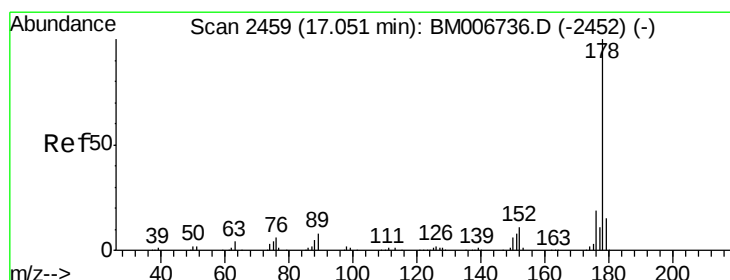
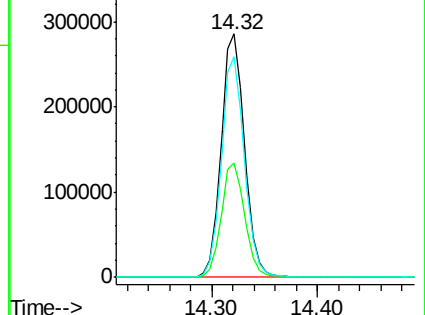
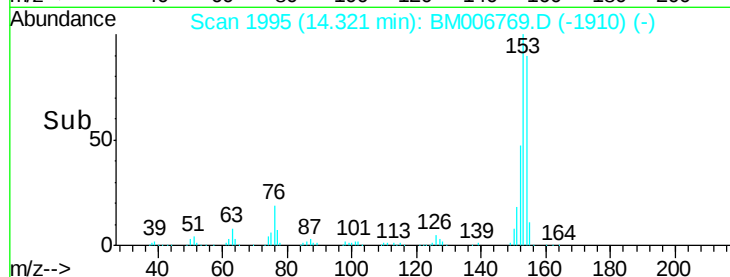
154 90.5 67.3 100.9



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: 1.32 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM006769.D

Acq: 30 Jul 2016 12:28

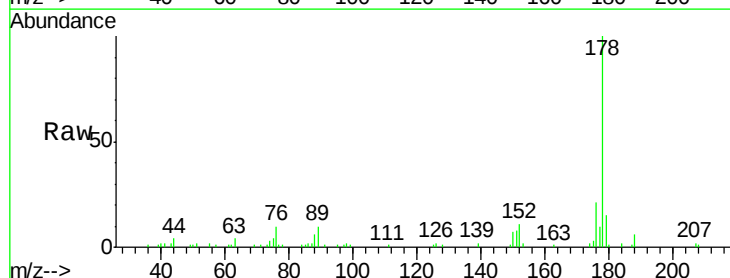
Tgt Ion:178 Resp: 58717

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

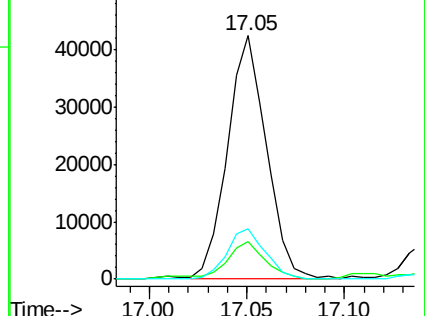
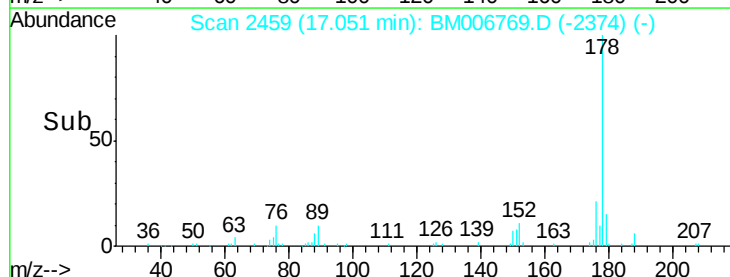
176 20.7 14.8 22.2

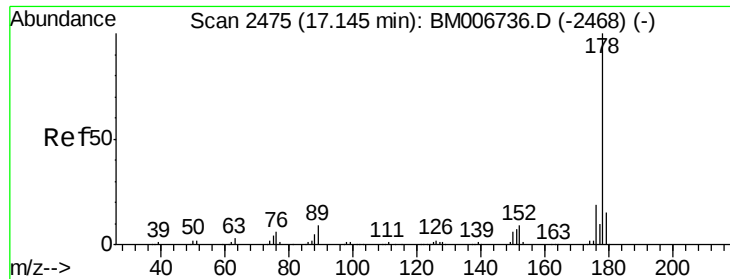


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#27

Anthracene

Concen: 1.28 ng/ul

RT: 17.05 min Scan# 2459

Delta R.T. -0.09 min

Lab File: BM006769.D

Acq: 30 Jul 2016 12:28

Instrument :

BNA_M

ClientSampled :

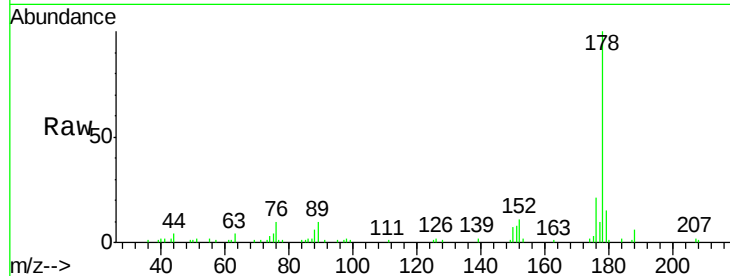
Tot Ion:178 Resp: 58717

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

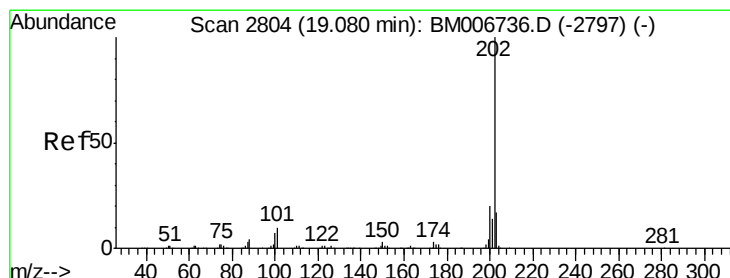
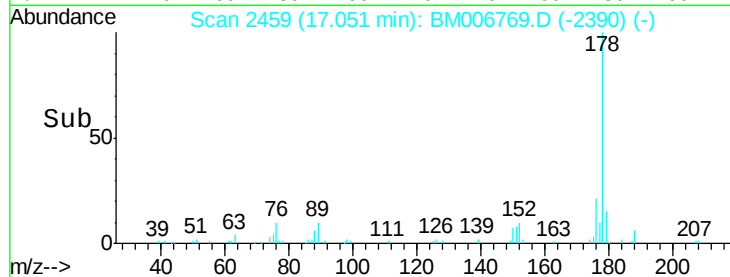
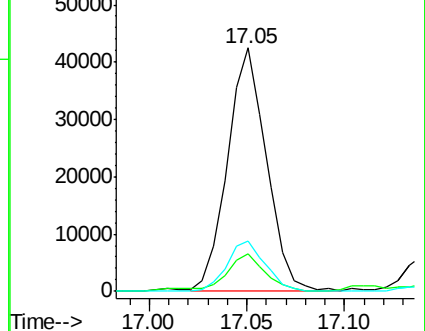
176 20.7 15.6 23.4



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: 1.38 ng/ul

RT: 19.07 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM006769.D

Acq: 30 Jul 2016 12:28

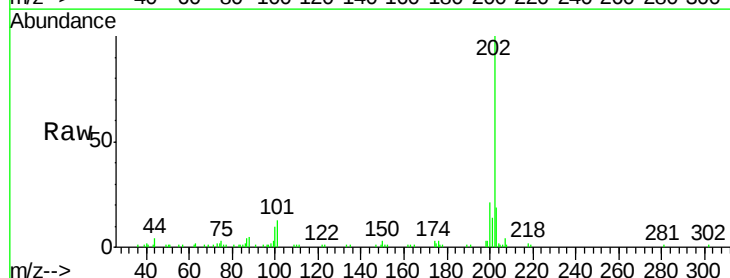
Tgt Ion:202 Resp: 72137

Ion Ratio Lower Upper

202 100

101 12.6 8.9 13.3

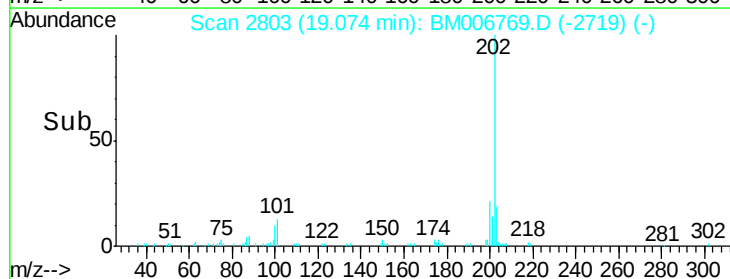
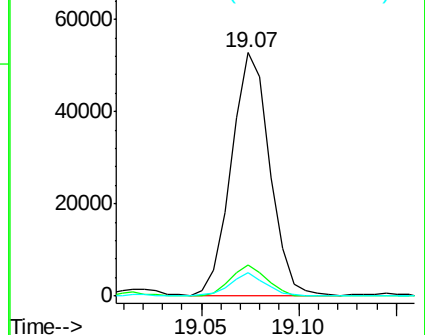
100 9.7 7.0 10.4

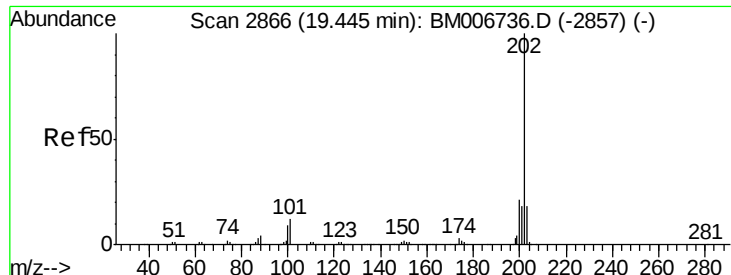


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pvrene

Concen: 14.00 ng/ul

RT: 19.44 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM006769.D

Acq: 30 Jul 2016 12:28

Instrument :

BNA_M

ClientSampleId :

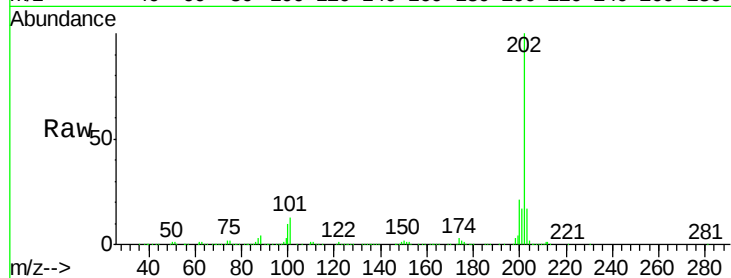
Tot Ion:202 Resp: 1069291

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

100 9.5 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

