

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001978.D
 Acq On : 20 Jul 2015 17:35
 Operator : TP/UM
 Sample : G3000-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02C0

Quant Time: Jul 21 00:49:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 00:43:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	87920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	377007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	237661	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	547440	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	624711	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	554168	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9406	5.23	ng/uL	0.00
5) Phenol-d5	6.82	99	219675	30.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	128849	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	184785	32.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	189856	32.20	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	89825	31.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	100007	32.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	193767	30.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	226051	34.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	553540	28.88	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	594376	25.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	78731	24.25	ng/ul	0.00
57) Fluorene-d10	15.30	176	407263	24.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	46841	13.21	ng/ul	0.00
70) Anthracene-d10	17.16	188	609950	23.73	ng/ul	0.00
78) Pyrene-d10	19.46	212	592882	20.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	454699	16.22	ng/ul	0.01

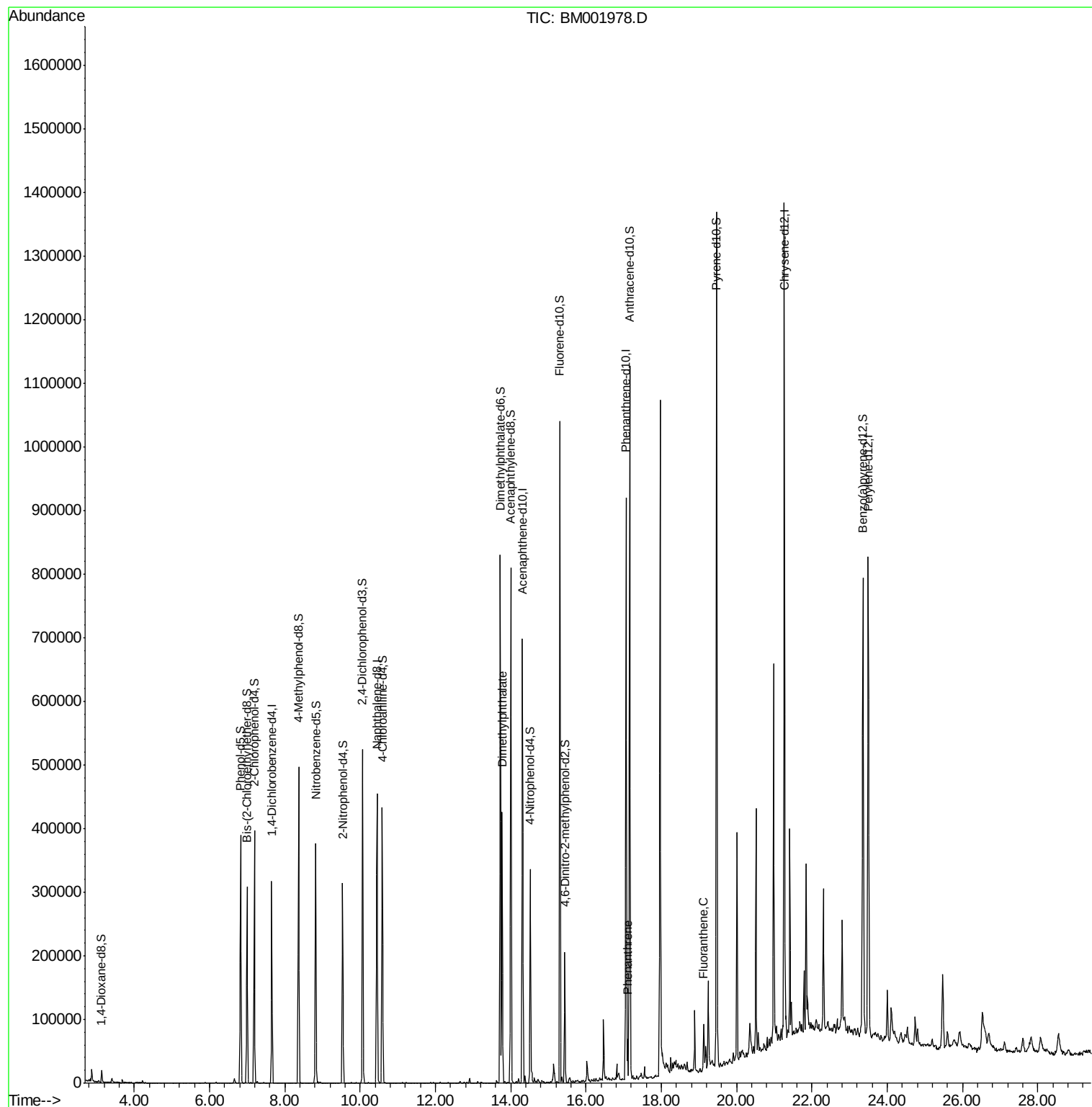
Target Compounds						Qvalue
44) Dimethylphthalate	13.77	163	256728	13.17	ng/ul	98
69) Phenanthrene	17.10	178	35637	1.20	ng/ul	98
76) Fluoranthene	19.12	202	36523	1.05	ng/ul	99

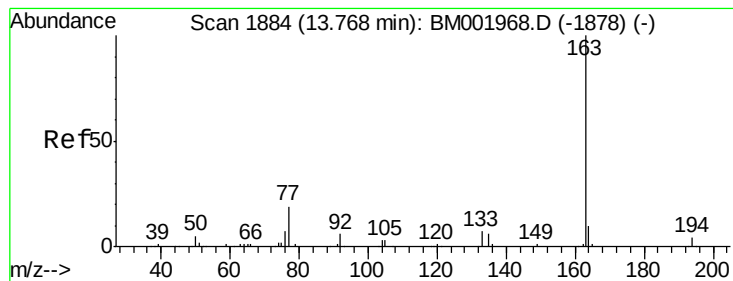
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 13.17 ng/ul

RT: 13.77 min Scan# 1884

Delta R.T. 0.00 min

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C02C0

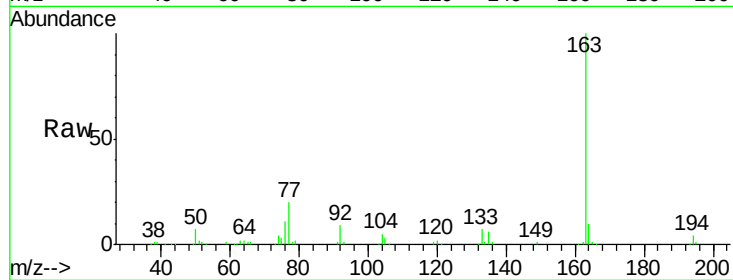
Tgt Ion:163 Resp: 256728

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

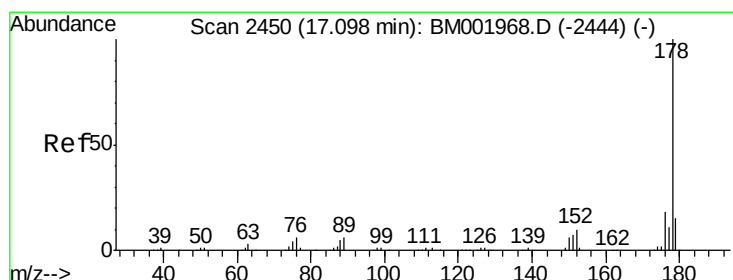
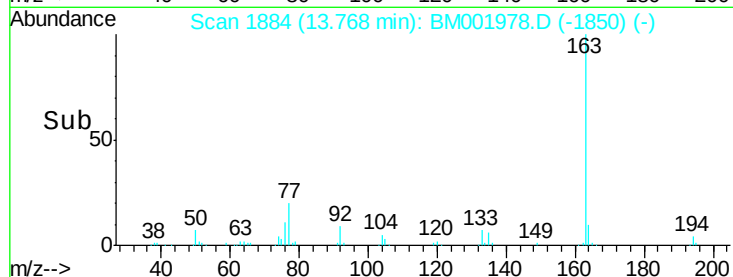
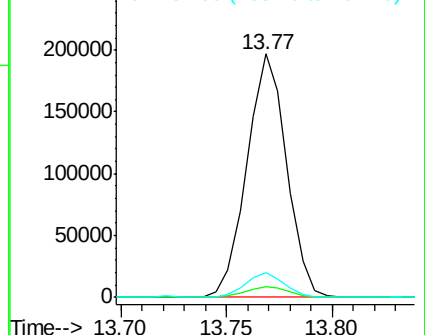
164 10.3 7.6 11.4



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



#69

Phenanthrene

Concen: 1.20 ng/ul

RT: 17.10 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM001978.D

Acq: 20 Jul 2015 17:35

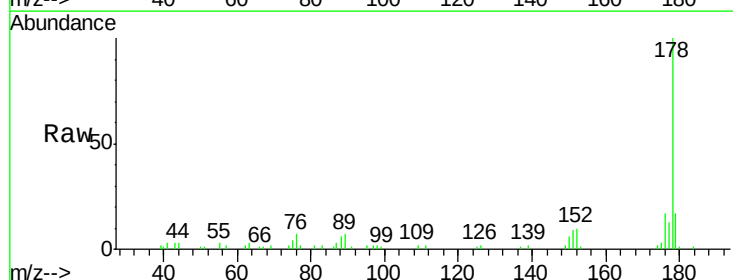
Tgt Ion:178 Resp: 35637

Ion Ratio Lower Upper

178 100

179 16.5 12.2 18.2

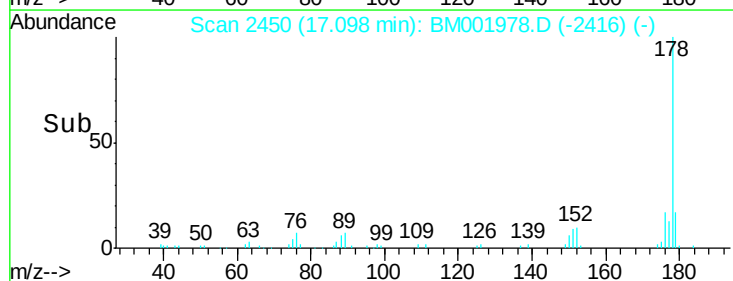
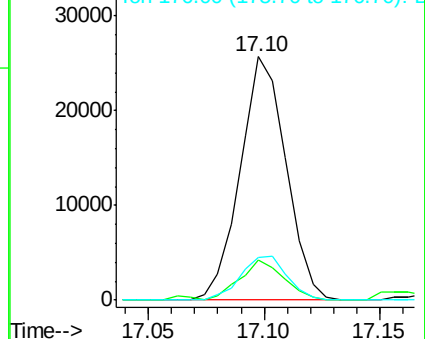
176 17.4 14.5 21.7

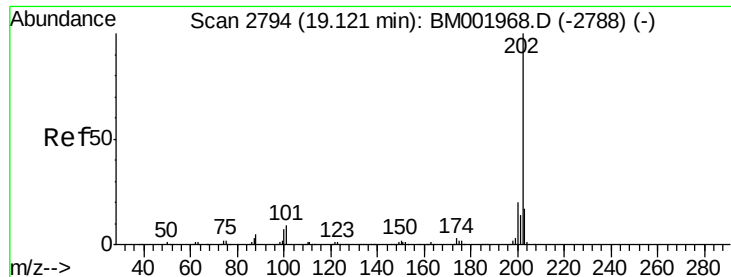


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.05 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM001978.D

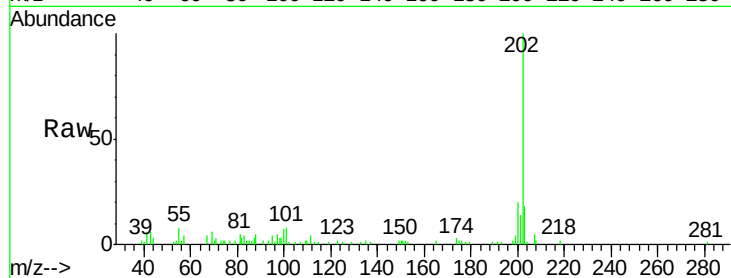
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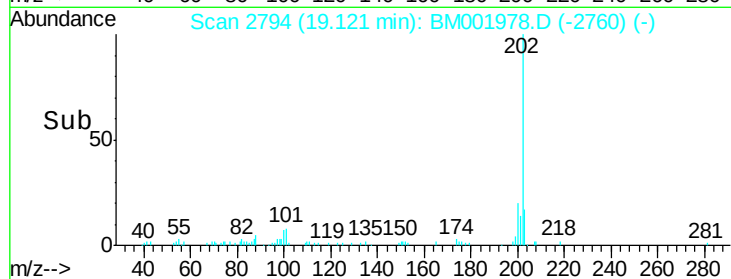
Tgt Ion:202 Resp: 36523

Ion Ratio Lower Upper

202 100

101 7.8 6.6 9.8

100 7.0 5.2 7.8



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

