

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
 Data File : BM006437.D
 Acq On : 15 Jul 2016 11:08
 Operator : UM/SJ
 Sample : H3990-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ66

Quant Time: Jul 15 12:19:55 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 04:34:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	155160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	636335	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	375366	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	883142	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1118634	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1232634	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.14	96	9021	2.45	ng/uL	0.00
5) Phenol-d5	6.80	99	366093	28.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	228978	29.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	294401	28.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	293612	29.06	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	143563	29.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	163415	29.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	281005	27.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	352370	32.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	874636	28.47	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1075002	28.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	155325	29.10	ng/ul	0.00
57) Fluorene-d10	15.27	176	750961	27.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	134767	26.38	ng/ul	0.00
70) Anthracene-d10	17.12	188	1198444	28.71	ng/ul	0.00
76) Pyrene-d10	19.42	212	1423987	28.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1704315	30.24	ng/ul	-0.01

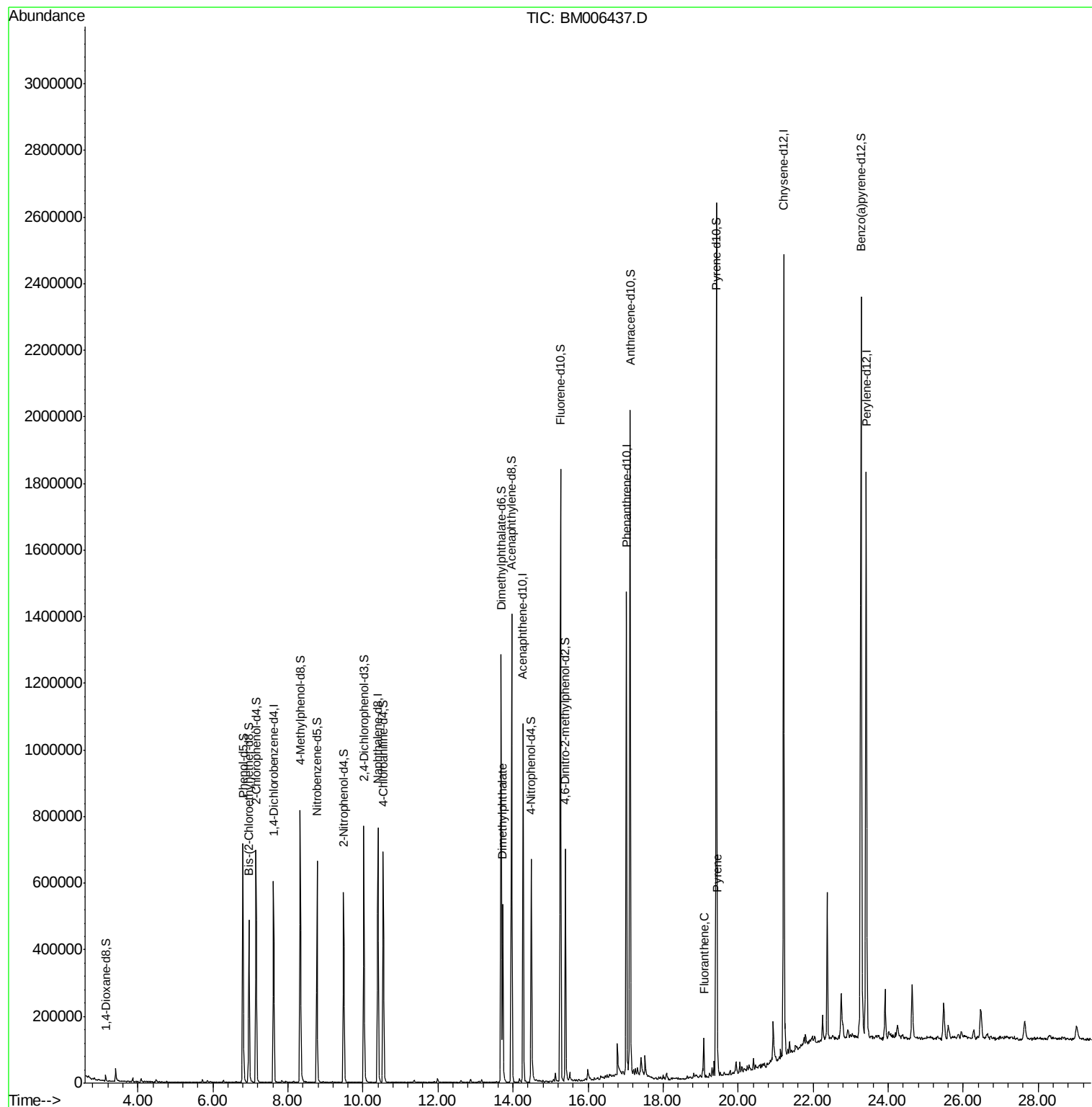
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.73	163	329926	10.59	ng/ul	98
74) Fluoranthene	19.09	202	67537	1.20	ng/ul	99
77) Pyrene	19.44	202	72938	1.09	ng/ul	98

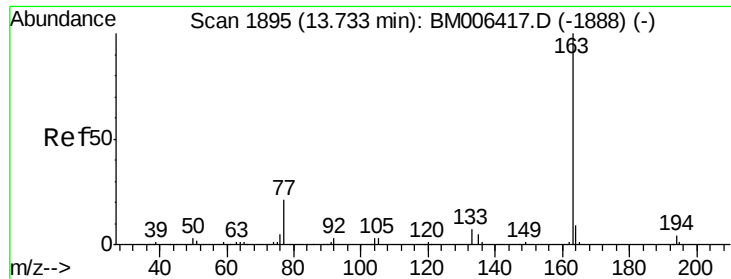
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006437.D
Acq On : 15 Jul 2016 11:08
Operator : UM/SJ
Sample : H3990-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ66

Quant Time: Jul 15 12:19:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 10.59 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM006437.D

Acq: 15 Jul 2016 11:08

Instrument :

BNA_M

ClientSampleId :

BDJ66

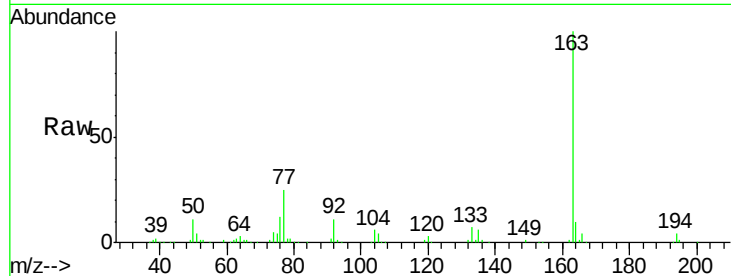
Tot Ion:163 Resp: 329926

Ion Ratio Lower Upper

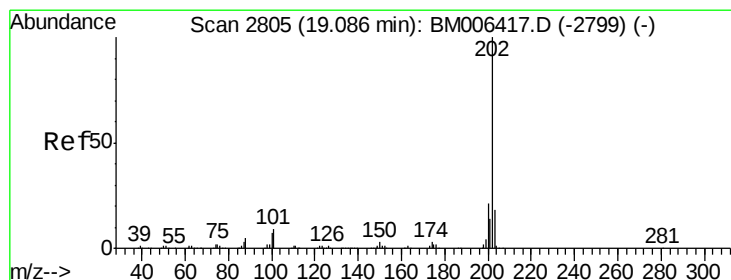
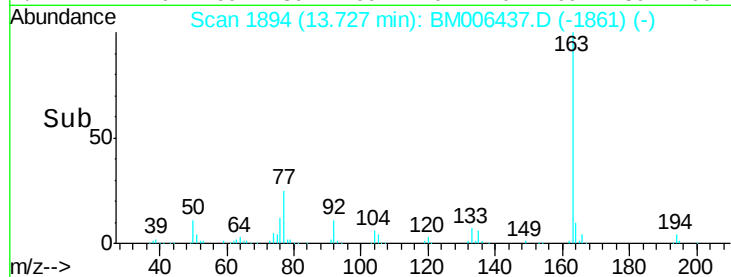
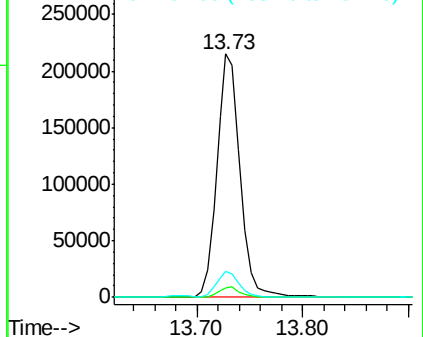
163 100

194 3.6 3.4 5.0

164 10.4 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



#74

Fluoranthene

Concen: 1.20 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006437.D

Acq: 15 Jul 2016 11:08

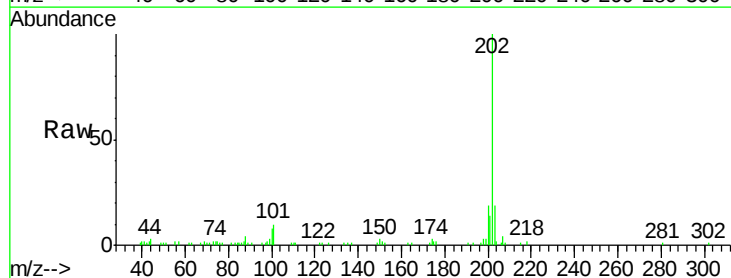
Tgt Ion:202 Resp: 67537

Ion Ratio Lower Upper

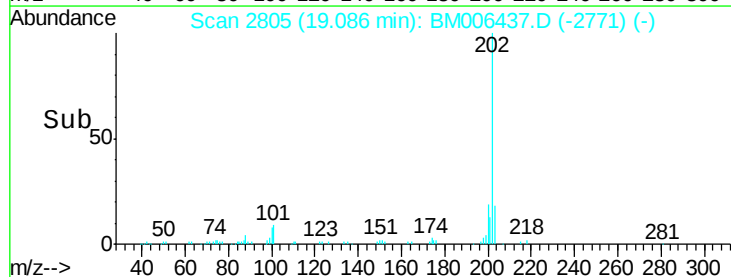
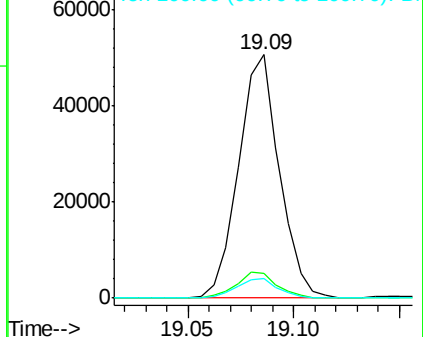
202 100

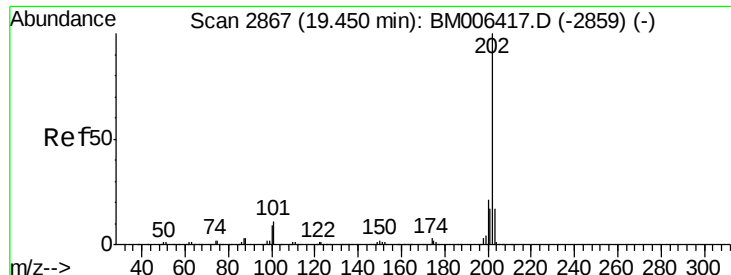
101 10.3 8.6 12.8

100 8.1 6.4 9.6



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

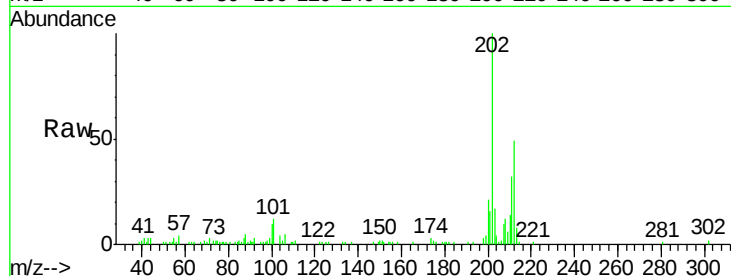




#77
 Pvrene
 Concen: 1.09 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BM006437.D
 Acq: 15 Jul 2016 11:08

Instrument :
 BNA_M
 ClientSampleId :
 BDJ66

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.0	15.0
100	10.2	7.9	11.9



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

