

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
 Data File : BM017807.D
 Acq On : 29 Nov 2018 21:58
 Operator : JU/SJ
 Sample : J6039-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4N3

Quant Time: Nov 30 00:36:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 29 00:55:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	244975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1039404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	628538	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1355096	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1146580	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	986825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	111	0.02	ng/uL	-0.16
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.36	131	1155	0.08	ng/ul	-0.15
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.26	176	2966	0.06	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.99	188	1355096	20.09	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.37	264	977782	18.27	ng/ul	0.13

Target Compounds

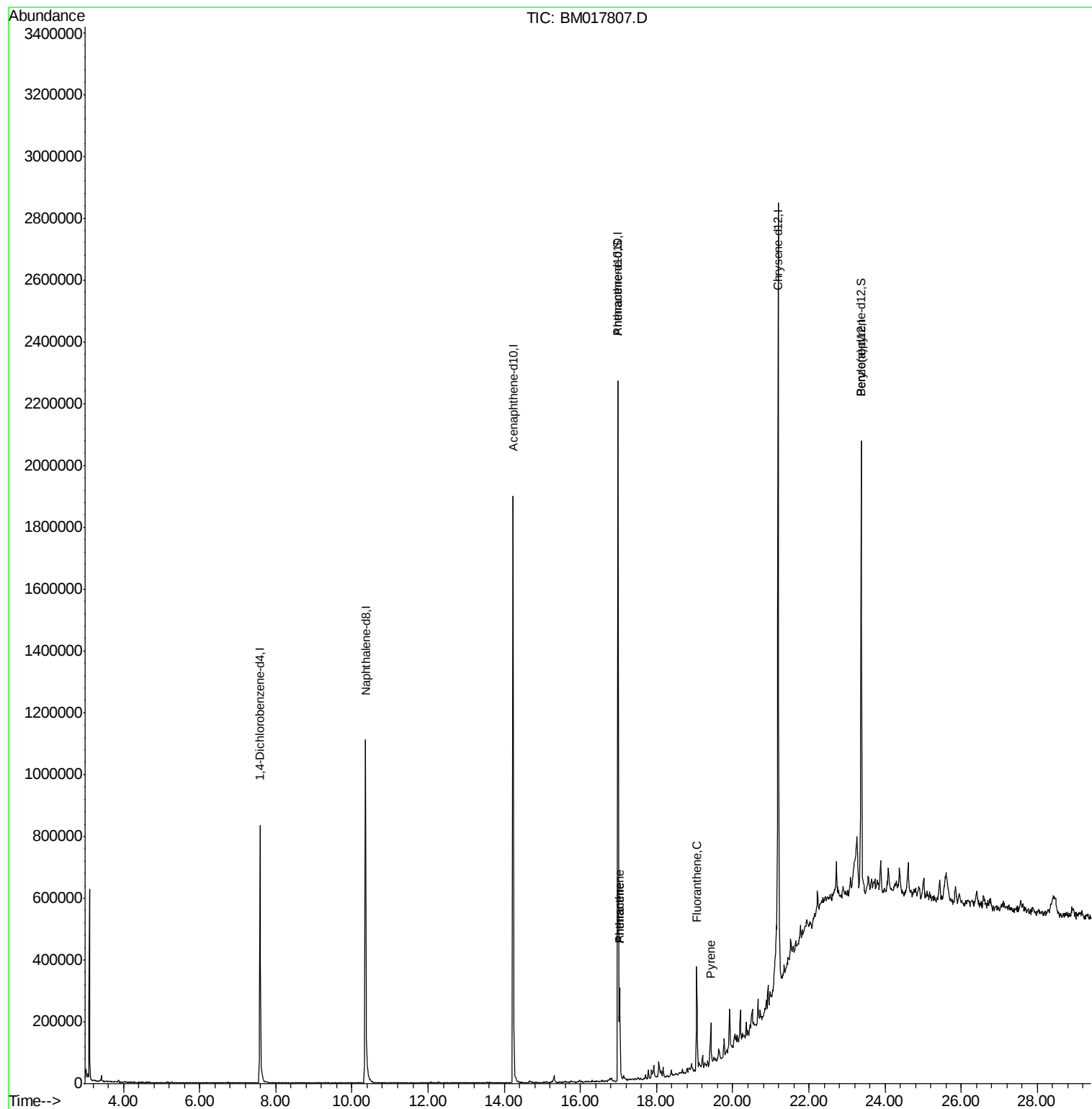
					Qvalue	
69) Phenanthrene	17.03	178	172696	2.229	ng/ul	98
71) Anthracene	17.03	178	174081	2.197	ng/ul	99
76) Fluoranthene	19.06	202	216950	2.380	ng/ul	98
79) Pyrene	19.42	202	79707	1.145	ng/ul#	97

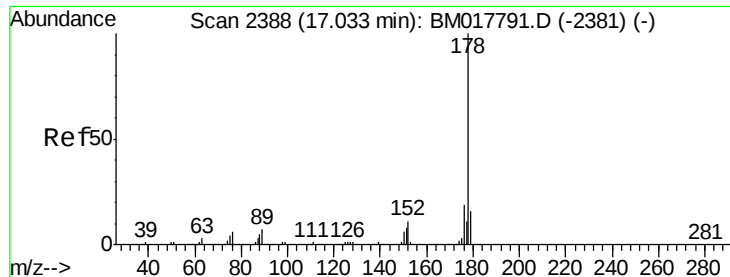
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 2.229 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM017807.D

Acq: 29 Nov 2018 21:58

Instrument :

BNA_M

ClientSampleId :

CB4N3

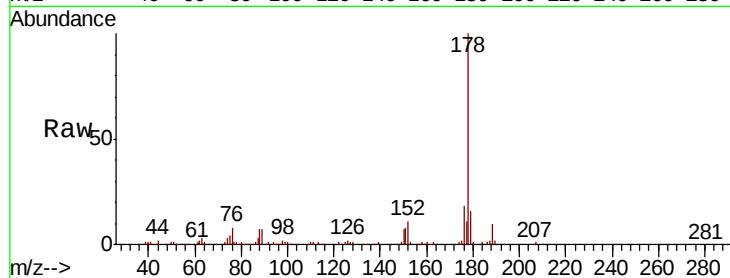
Tgt Ion:178 Resp: 172696

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

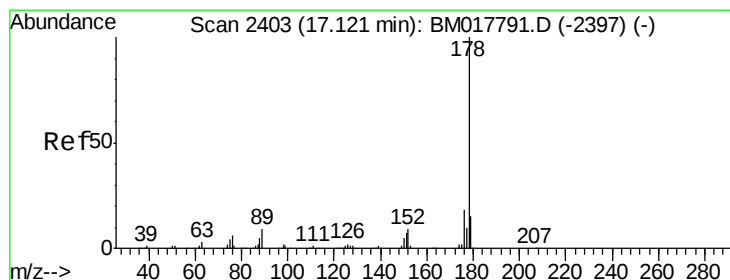
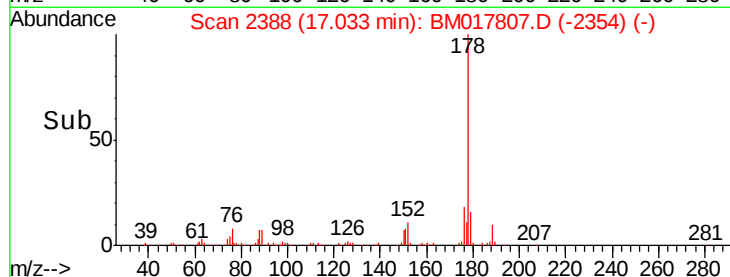
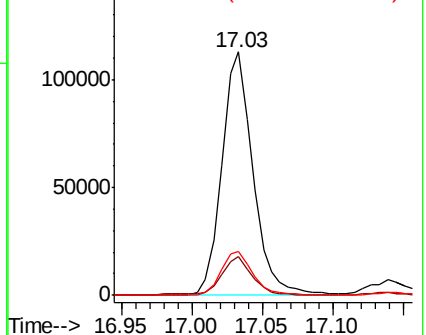
176 18.3 15.0 22.6



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



#71

Anthracene

Concen: 2.197 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM017807.D

Acq: 29 Nov 2018 21:58

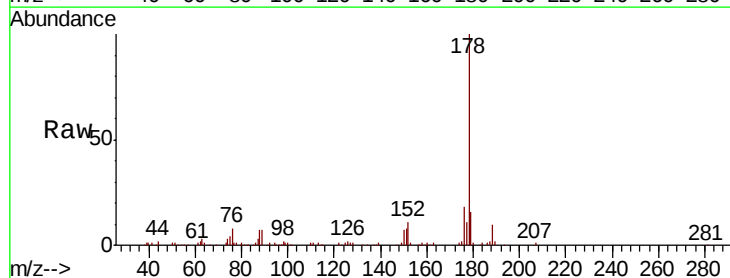
Tgt Ion:178 Resp: 174081

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

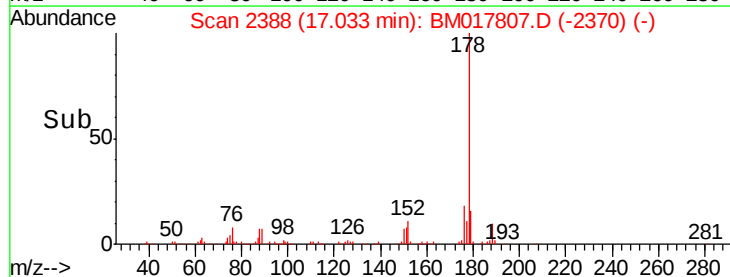
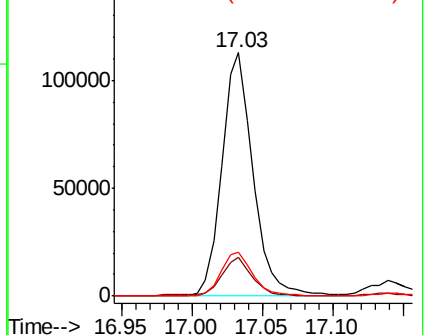
176 18.3 14.8 22.2

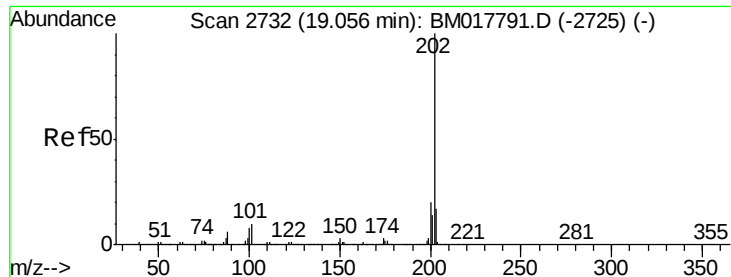


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.380 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM017807.D

Acq: 29 Nov 2018 21:58

Instrument :

BNA_M

ClientSampleId :

CB4N3

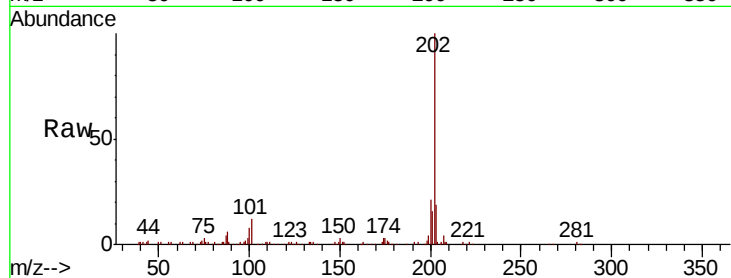
Tgt Ion:202 Resp: 216950

Ion Ratio Lower Upper

202 100

101 11.6 8.4 12.6

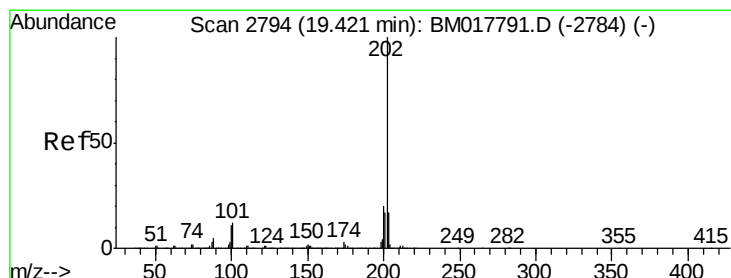
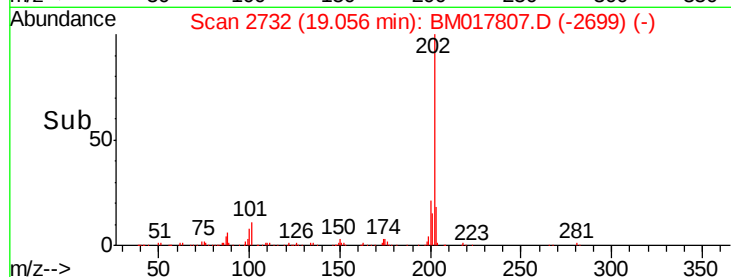
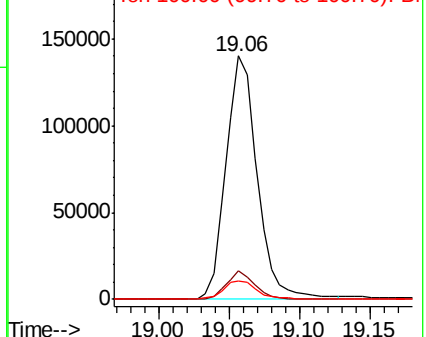
100 7.8 6.6 9.8



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



#79

Pyrene

Concen: 1.145 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM017807.D

Acq: 29 Nov 2018 21:58

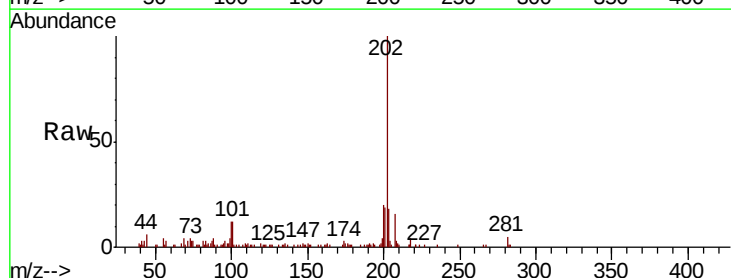
Tgt Ion:202 Resp: 79707

Ion Ratio Lower Upper

202 100

101 12.4 9.6 14.4

100 12.0 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

