

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017804.D
 Acq On : 29 Nov 2018 20:10
 Operator : JU/SJ
 Sample : J6038-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J0

Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:49 PM

Quant Time: Nov 30 00:54:06 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	168008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	683192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	431910	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1000734	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	965144	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	889920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	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	0.00	131	0d	0.00	ng/ul	
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	0d	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
69) Phenanthrene	17.03	178	95896	1.676	ng/ul	96
76) Fluoranthene	19.06	202	173599	2.579	ng/ul	99
79) Pyrene	19.42	202	105020	1.792	ng/ul	99
84) Chrysene	21.23	228	65176m	1.164	ng/ul	

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

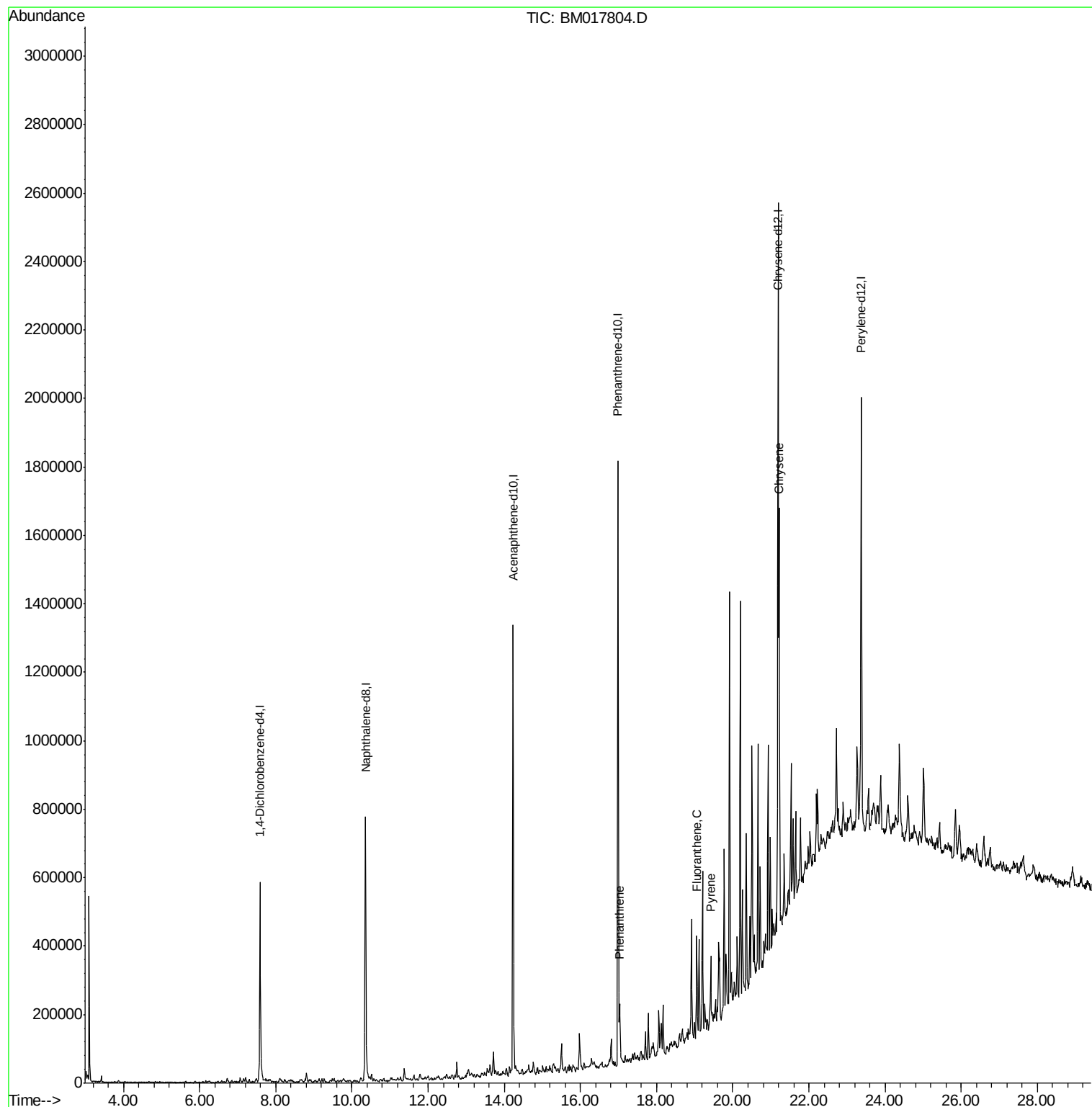
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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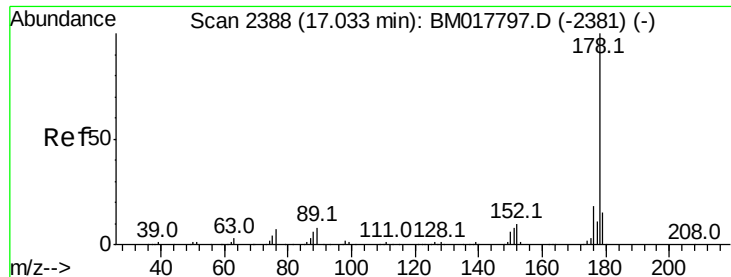
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#69

Phenanthrene

Concen: 1.676 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM017804.D

Acq: 29 Nov 2018 20:10

Instrument :

BNA_M

ClientSampleId :

CB4J0

Tot Ion:178 Resp: 95896

Ion Ratio Lower Upper

178 100

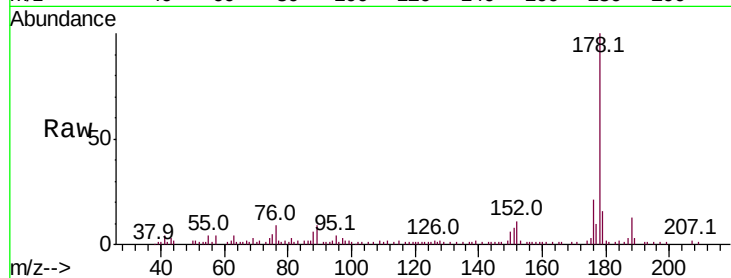
179 16.4 11.8 17.8

176 20.7 15.0 22.6

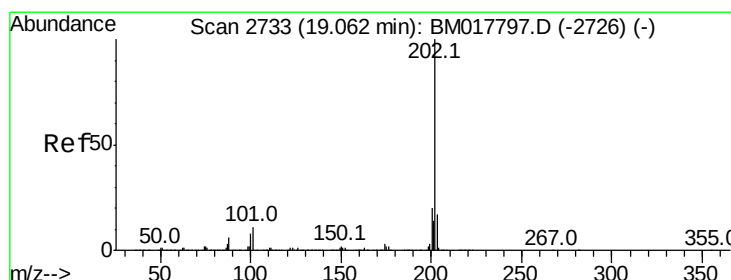
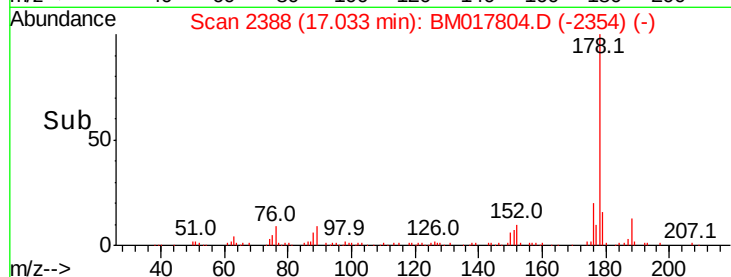
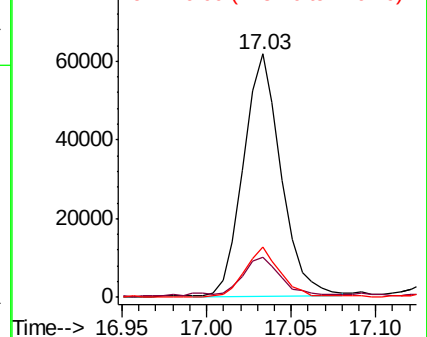
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 2.579 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM017804.D

Acq: 29 Nov 2018 20:10

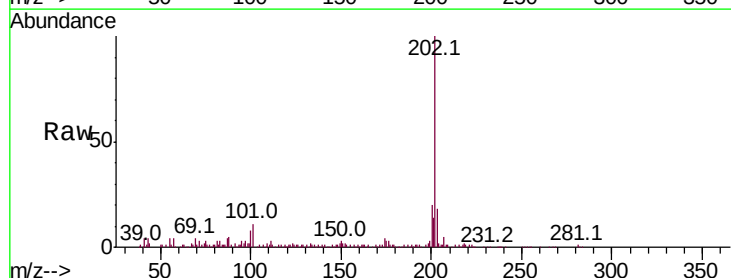
Tgt Ion:202 Resp: 173599

Ion Ratio Lower Upper

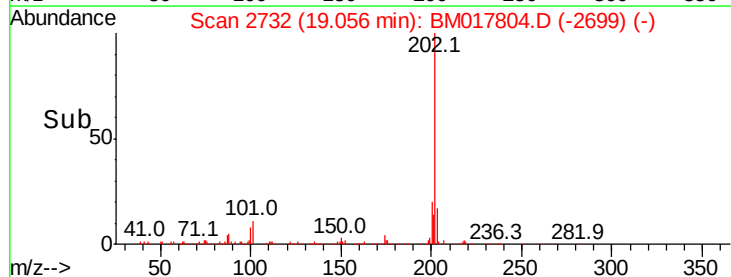
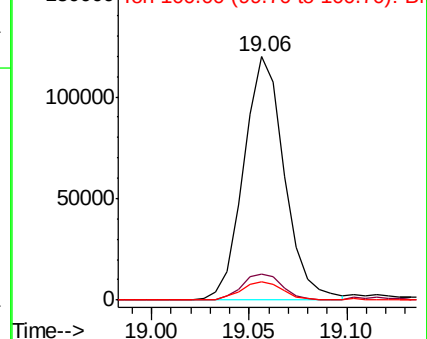
202 100

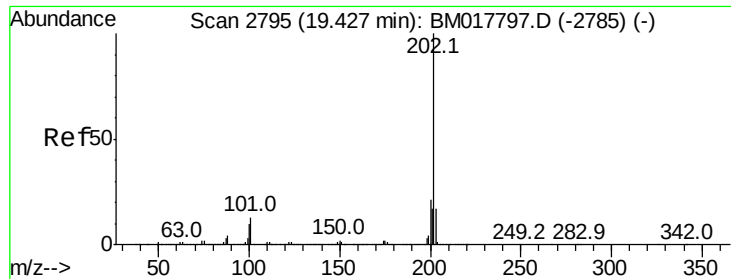
101 10.8 8.4 12.6

100 7.7 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





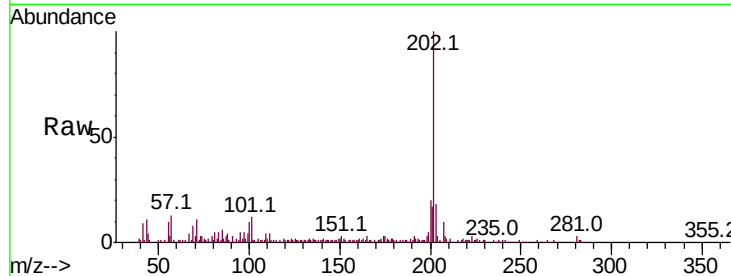
#79
Pvrene
Concen: 1.792 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017804.D
Acq: 29 Nov 2018 20:10

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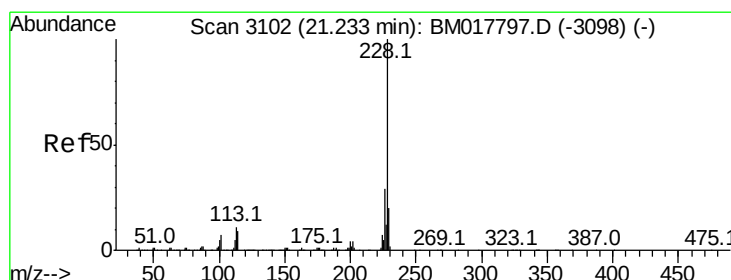
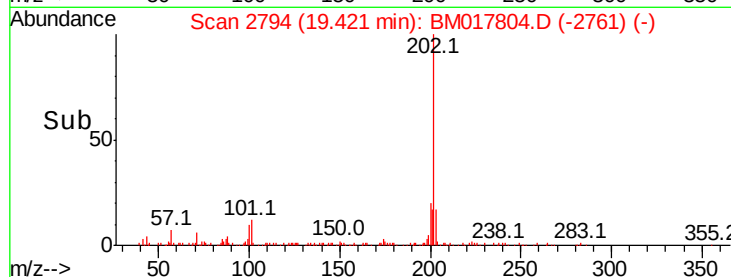
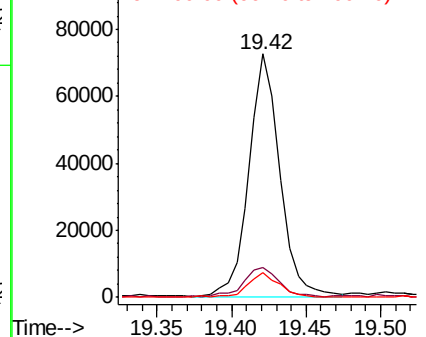
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	9.6	14.4
100	10.4	7.9	11.9

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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



#84
Chrysene
Concen: 1.164 ng/ul m
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017804.D
Acq: 29 Nov 2018 20:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	23.7	35.5
229	25.8	15.8	23.8#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

