

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017811.D
 Acq On : 30 Nov 2018 00:22
 Operator : JU/SJ
 Sample : J6027-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4R1

Quant Time: Nov 30 02:45:01 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	249646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1106946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	635343	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1277588	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	909307	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	922882	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	0	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

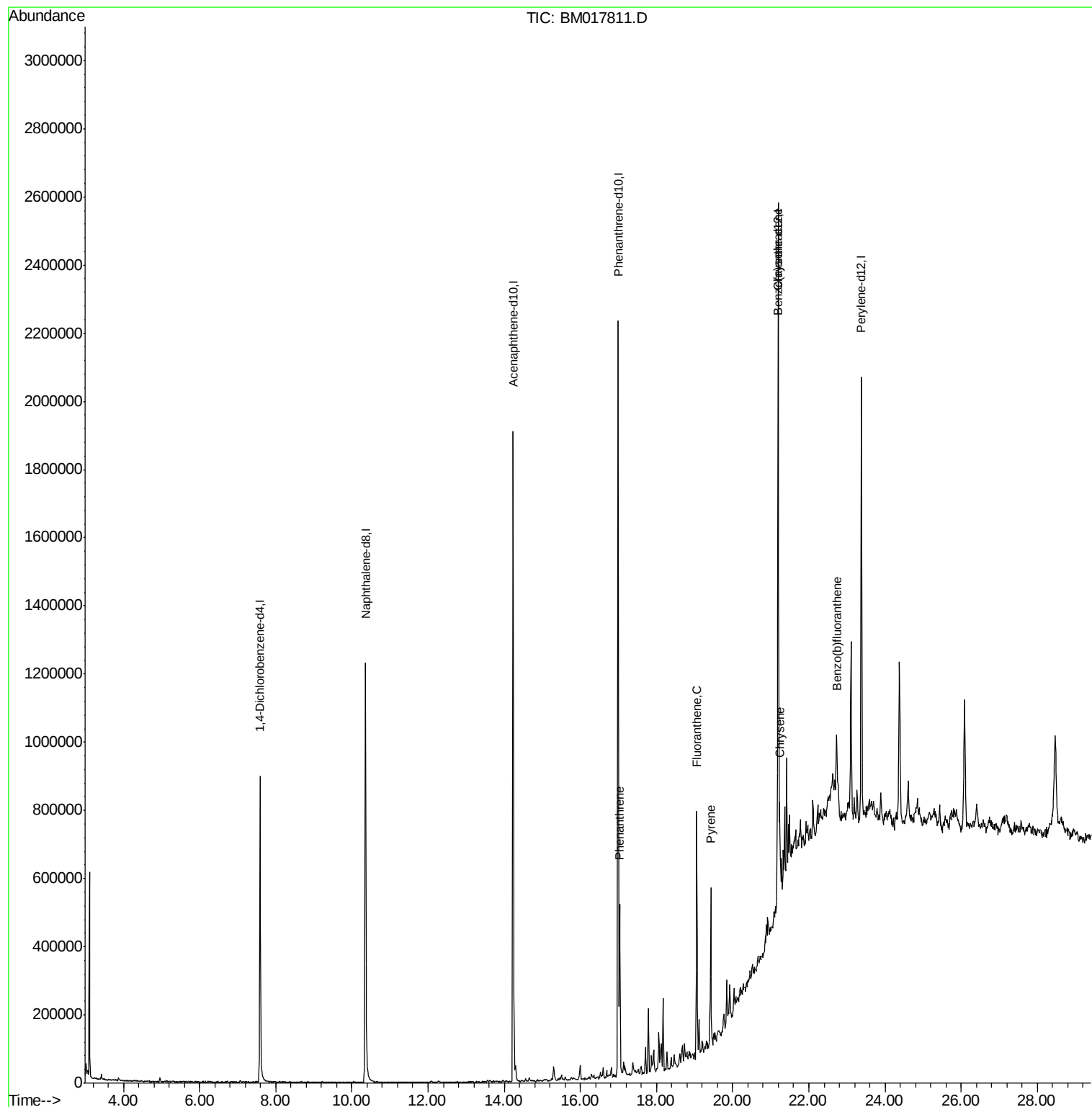
					Ovalue	
69) Phenanthrene	17.03	178	288913	3.954	ng/ul	99
76) Fluoranthene	19.06	202	436654	5.081	ng/ul	99
79) Pyrene	19.42	202	269867	4.889	ng/ul	98
82) Benzo(a)anthracene	21.18	228	139317	2.470	ng/ul	99
84) Chrysene	21.23	228	145445	2.757	ng/ul	97
87) Benzo(b)fluoranthene	22.73	252	134030	2.336	ng/ul#	90

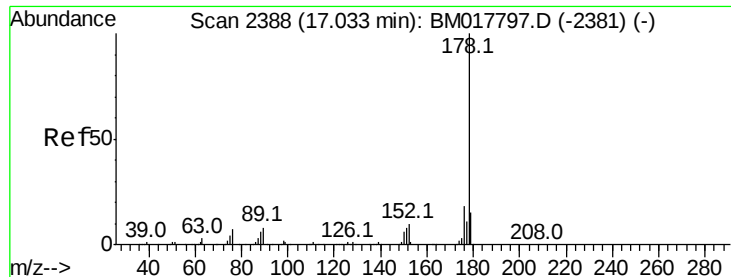
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 3.954 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM017811.D

Acq: 30 Nov 2018 00:22

Instrument :

BNA_M

ClientSampleId :

CB4R1

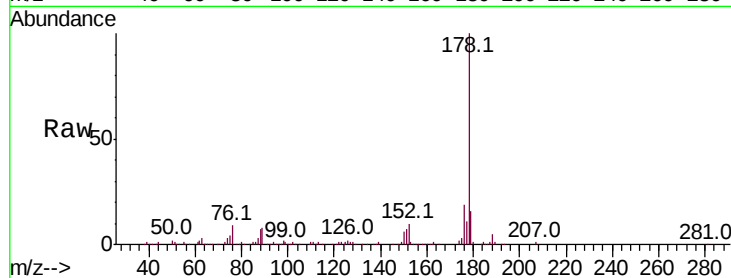
Tot Ion:178 Resp: 288913

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.9	15.0	22.6

178 100

179 15.9 11.8 17.8

176 18.9 15.0 22.6

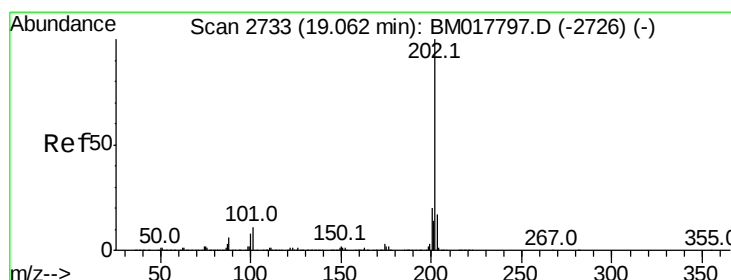
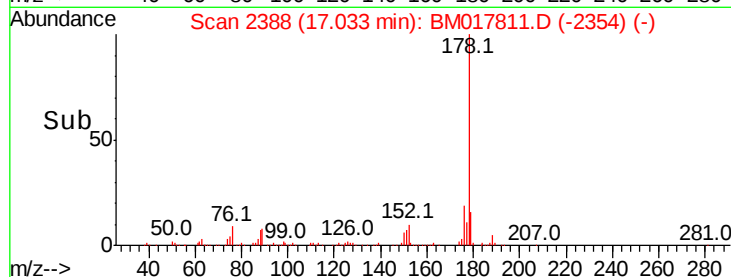
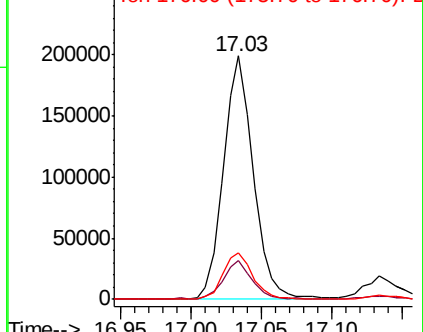


Abundance

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



#76

Fluoranthene

Concen: 5.081 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM017811.D

Acq: 30 Nov 2018 00:22

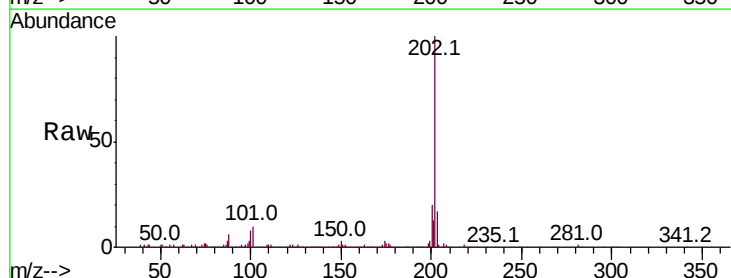
Tgt Ion:202 Resp: 436654

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.2	6.6	9.8

202 100

101 10.2 8.4 12.6

100 8.2 6.6 9.8

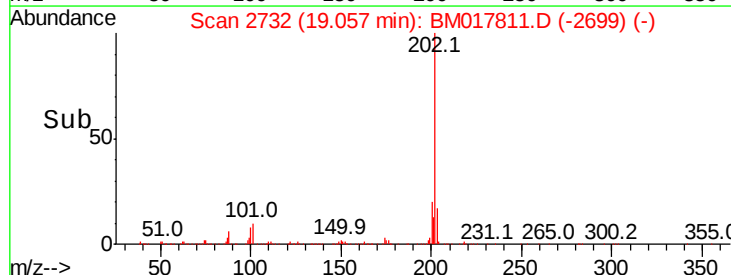
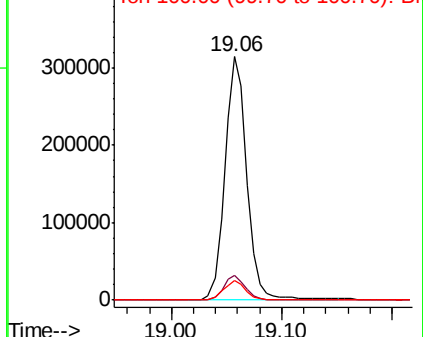


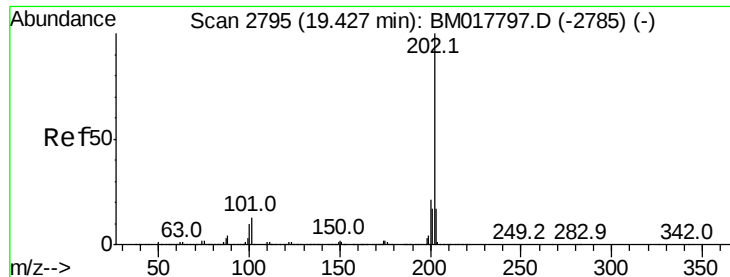
Abundance

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): E

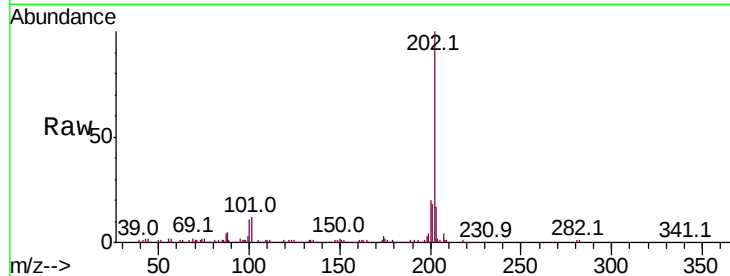




#79
Pvrene
Concen: 4.889 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Instrument :
BNA_M
ClientSampleId :
CB4R1

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
100	11.0	7.9	11.9

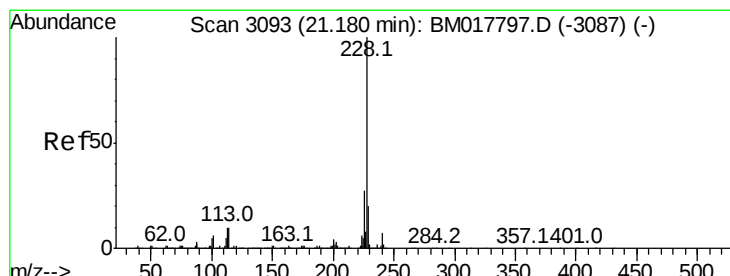
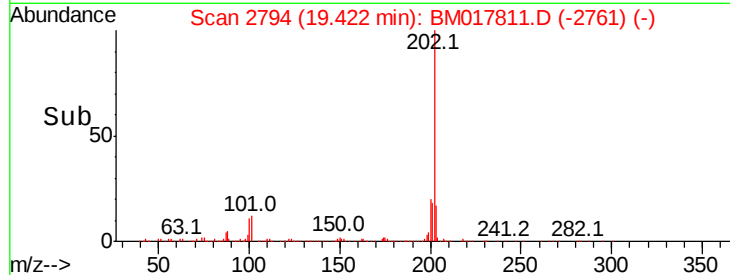
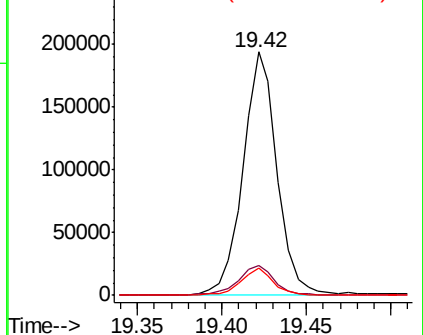


Abundance

Ion 202.00 (201.70 to 202.70): E

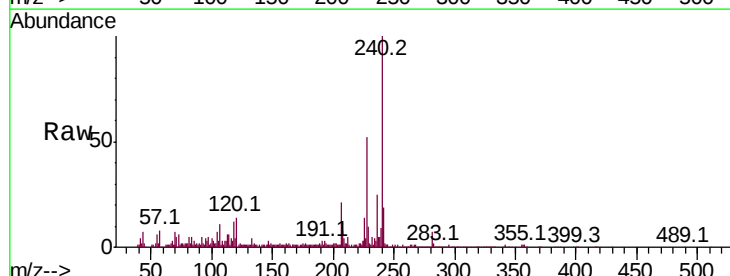
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82
Benzo(a)anthracene
Concen: 2.470 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM017811.D
Acq: 30 Nov 2018 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.0	24.0
226	26.5	21.0	31.6

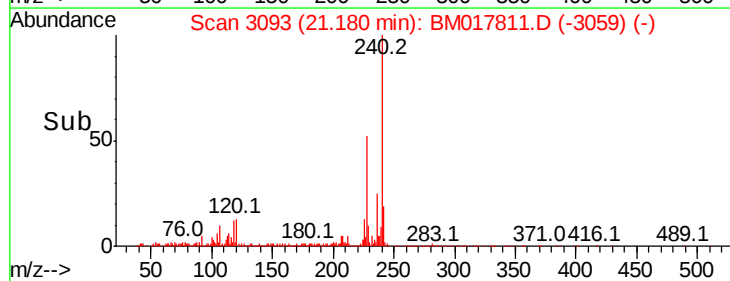
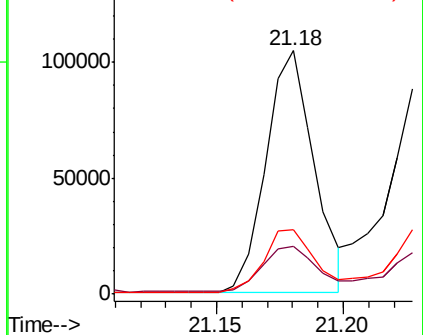


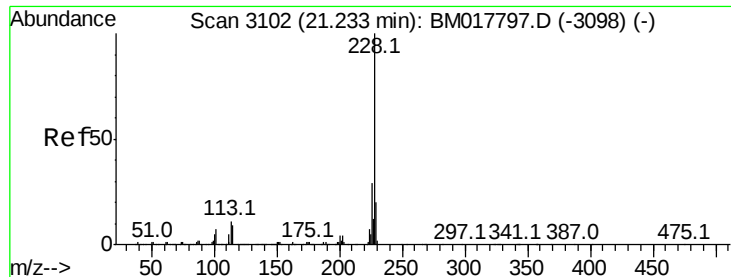
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.757 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM017811.D

Acq: 30 Nov 2018 00:22

Instrument :

BNA_M

ClientSampled :

CB4R1

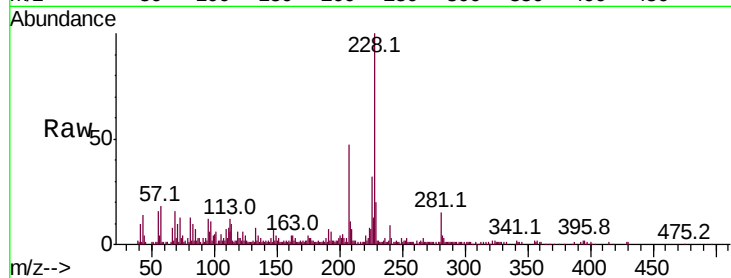
Tot Ion:228 Resp: 145445

Ion Ratio Lower Upper

228 100

226 31.6 23.7 35.5

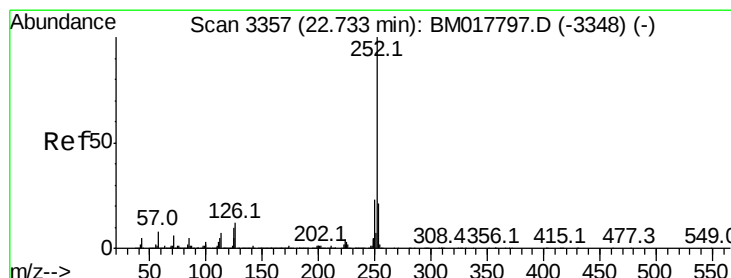
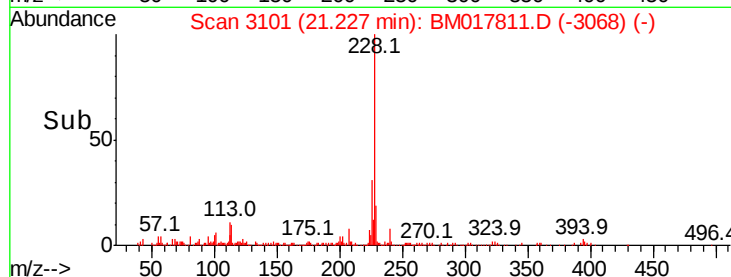
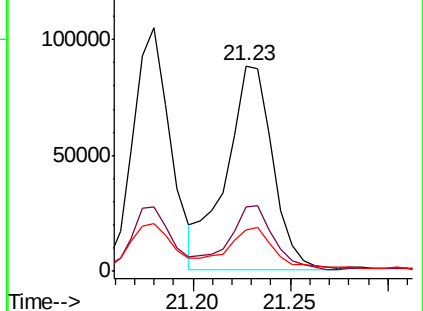
229 20.2 15.8 23.8



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



#87

Benzo(b)fluoranthene

Concen: 2.336 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM017811.D

Acq: 30 Nov 2018 00:22

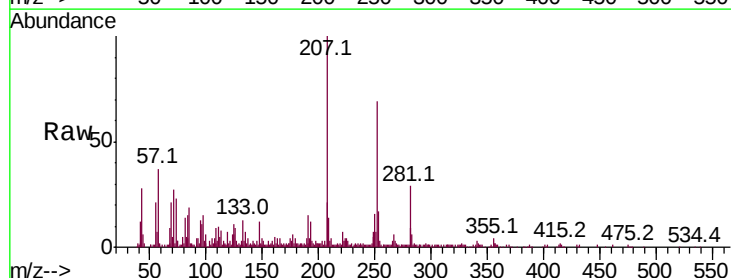
Tgt Ion:252 Resp: 134030

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

125 15.3 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

