

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017812.D
 Acq On : 30 Nov 2018 00:58
 Operator : JU/SJ
 Sample : J6027-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4R6

Quant Time: Nov 30 02:48:09 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	252940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1074281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	606338	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1227343	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	918677	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	916798	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	0d	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	0d	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

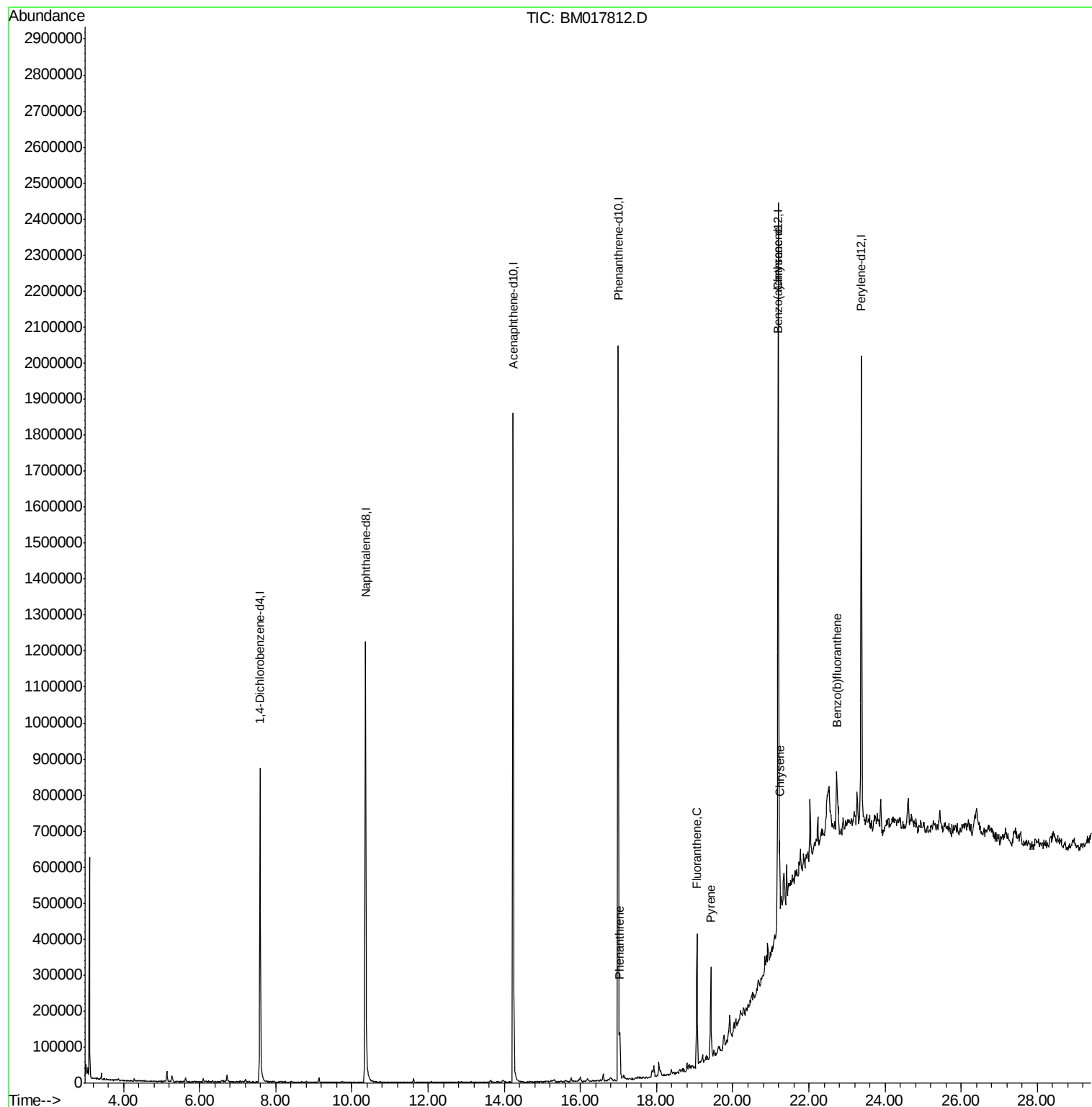
					Ovalue	
69) Phenanthrene	17.03	178	78164	1.114	ng/ul	97
76) Fluoranthene	19.06	202	240970	2.919	ng/ul	99
79) Pyrene	19.42	202	150936	2.707	ng/ul	97
82) Benzo(a)anthracene	21.18	228	97243	1.707	ng/ul	97
84) Chrysene	21.23	228	113154	2.123	ng/ul	98
87) Benzo(b)fluoranthene	22.73	252	93332	1.638	ng/ul#	82

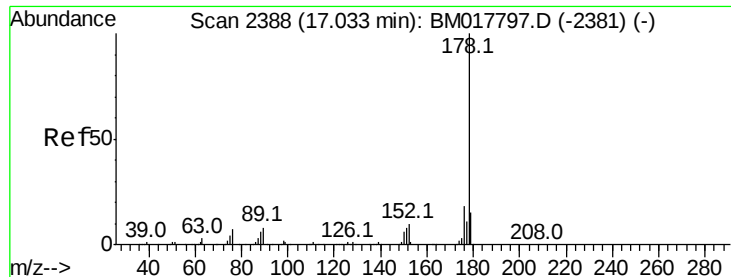
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.114 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM017812.D

Acq: 30 Nov 2018 00:58

Instrument :

BNA_M

ClientSampleId :

CB4R6

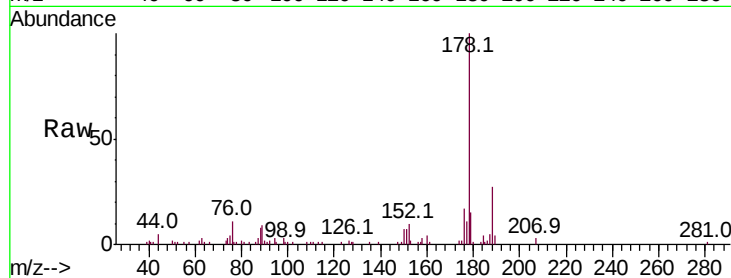
Tot Ion:178 Resp: 78164

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

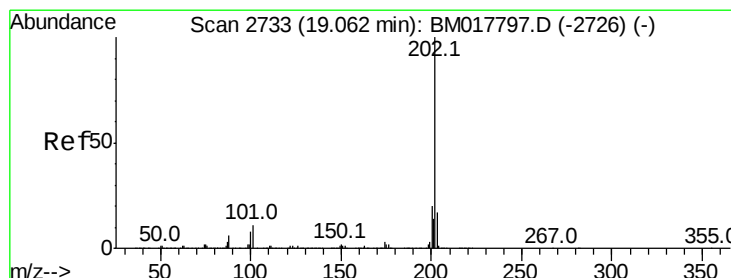
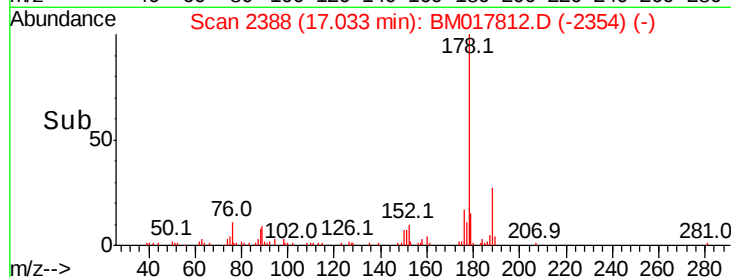
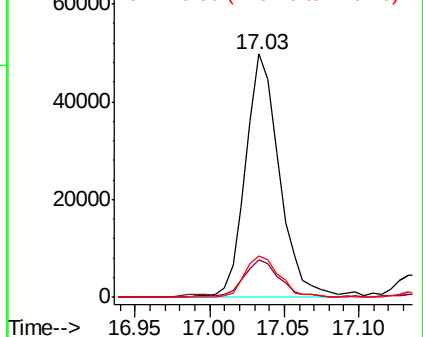
176 17.0 15.0 22.6



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: 2.919 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM017812.D

Acq: 30 Nov 2018 00:58

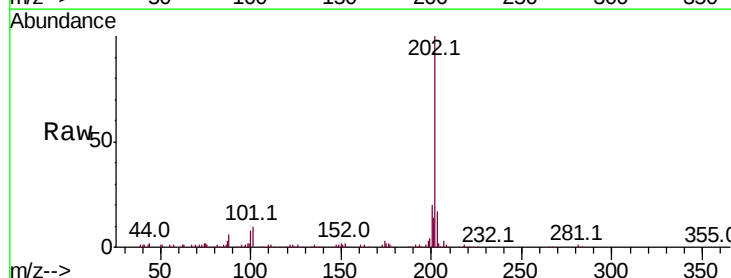
Tgt Ion:202 Resp: 240970

Ion Ratio Lower Upper

202 100

101 10.2 8.4 12.6

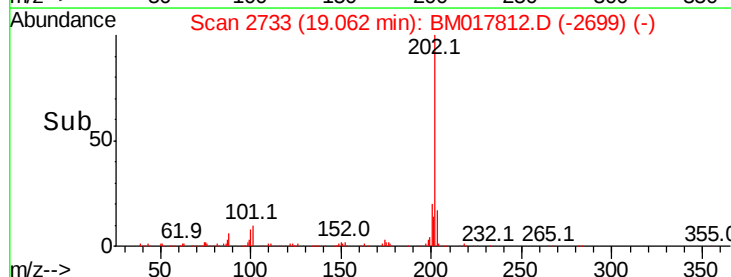
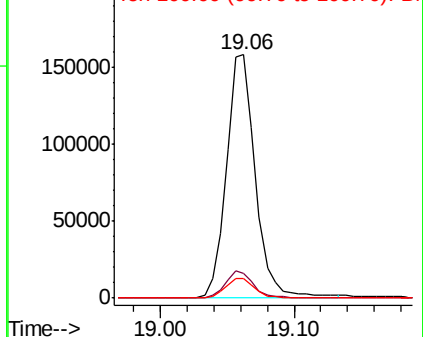
100 7.9 6.6 9.8

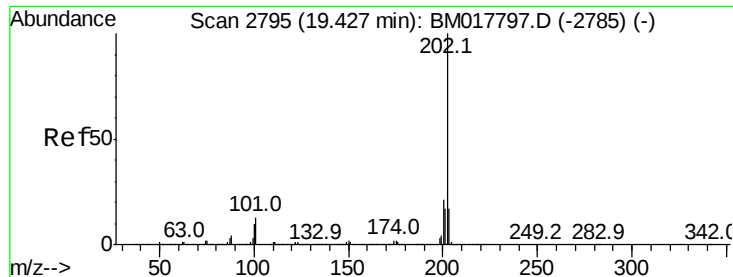


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

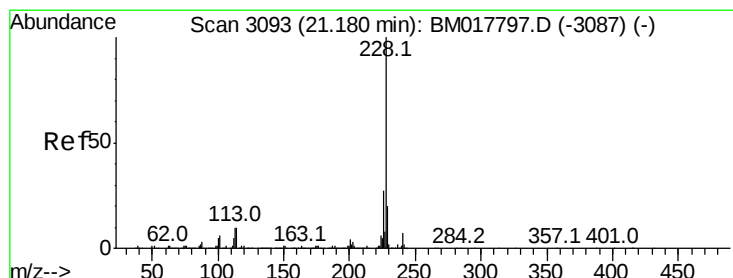
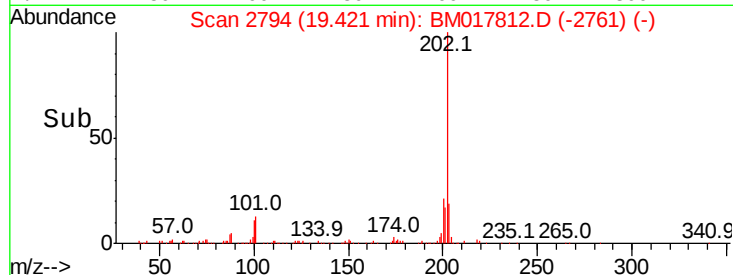
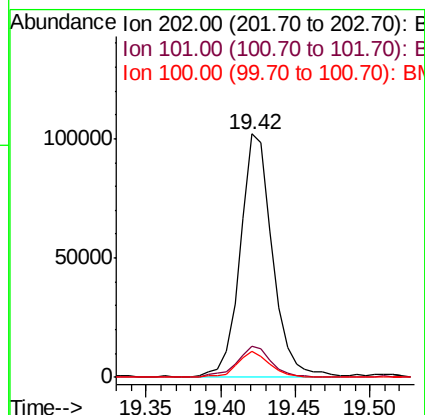
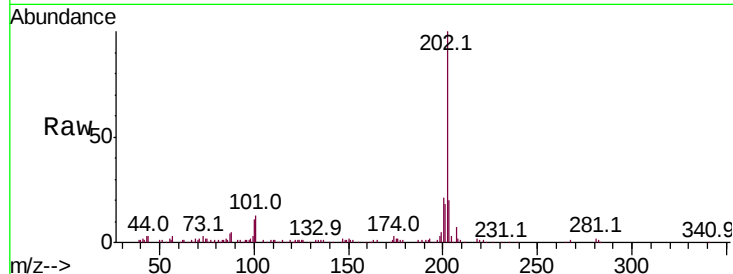




#79
Pvrene
Concen: 2.707 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017812.D
Acq: 30 Nov 2018 00:58

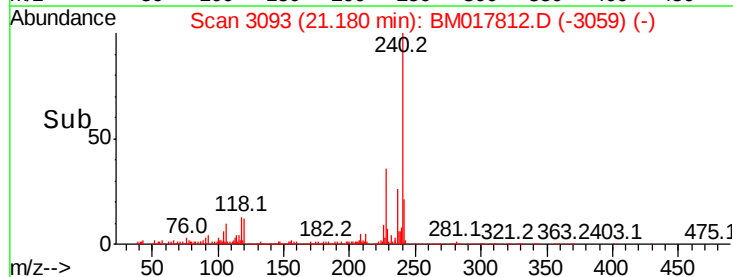
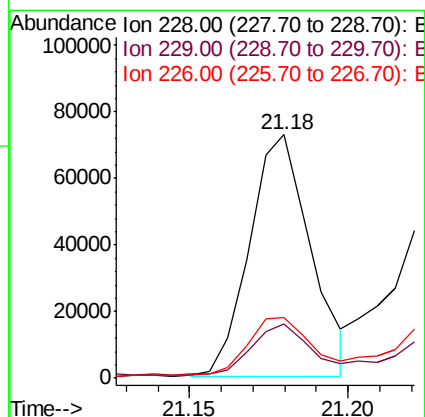
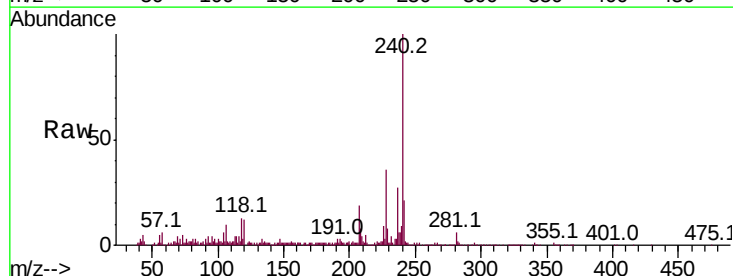
Instrument :
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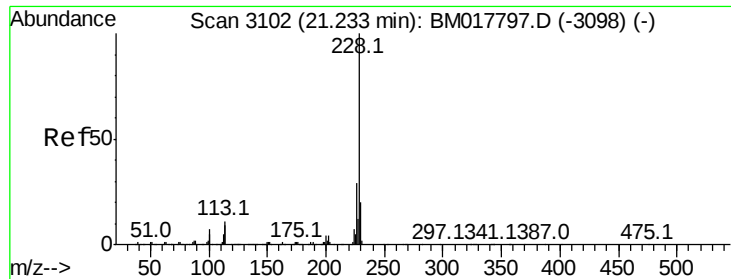
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
100	10.9	7.9	11.9



#82
Benzo(a)anthracene
Concen: 1.707 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM017812.D
Acq: 30 Nov 2018 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	24.9	21.0	31.6





#84

Chrysene

Concen: 2.123 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM017812.D

Acq: 30 Nov 2018 00:58

Instrument :

BNA_M

ClientSampleId :

CB4R6

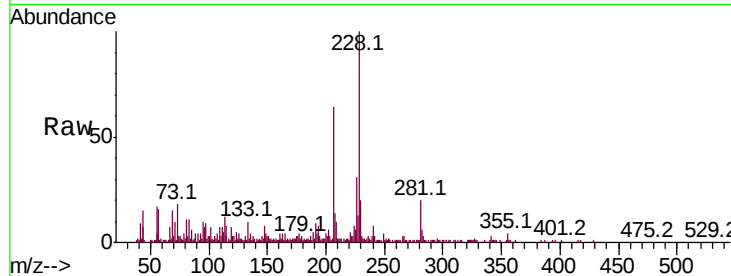
Tot Ion:228 Resp: 113154

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

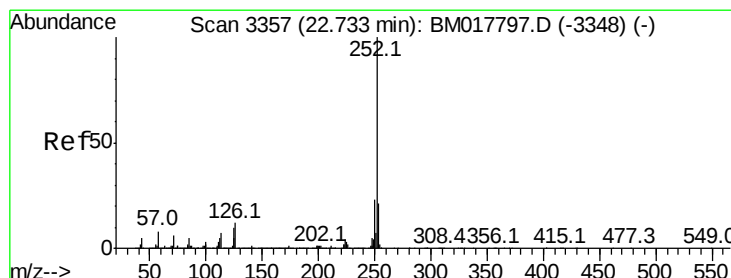
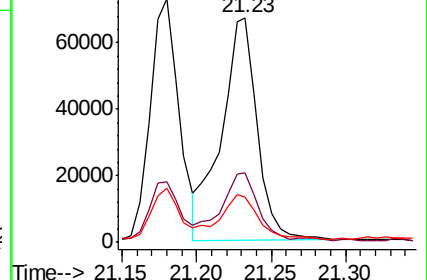
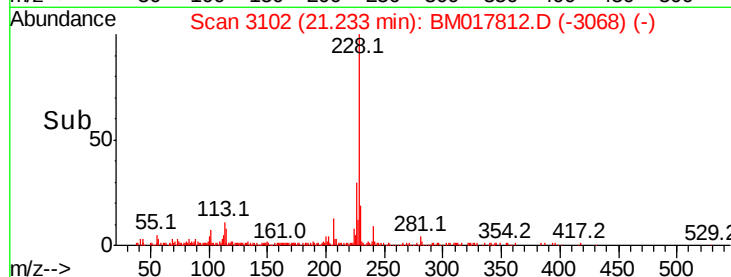
229 20.2 15.8 23.8



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: 1.638 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM017812.D

Acq: 30 Nov 2018 00:58

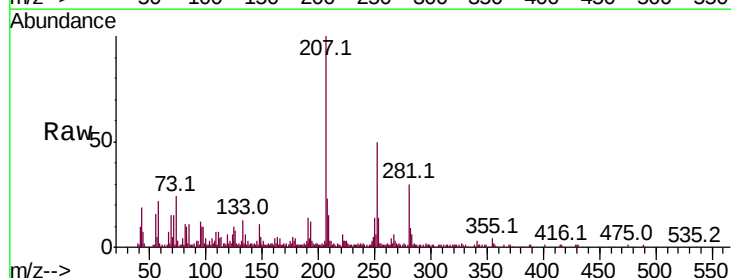
Tgt Ion:252 Resp: 93332

Ion Ratio Lower Upper

252 100

253 27.4 17.0 25.4#

125 19.8 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

