

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
 Data File : BM017806.D
 Acq On : 29 Nov 2018 21:22
 Operator : JU/SJ
 Sample : J6038-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J8

Quant Time: Nov 30 00:36:01 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	236557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1032247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	615286	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1350962	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1123743	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	966527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	110	0.02	ng/uL	0.10
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.91	67	269	0.02	ng/ul	-0.03
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	10.48	131	120	0.01	ng/ul	-0.03
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	15.24	176	3294	0.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.99	188	1350962	20.09	ng/ul	-0.11
78) Pyrene-d10	19.39	212	111	0.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1237	0.02	ng/ul	0.04

Target Compounds

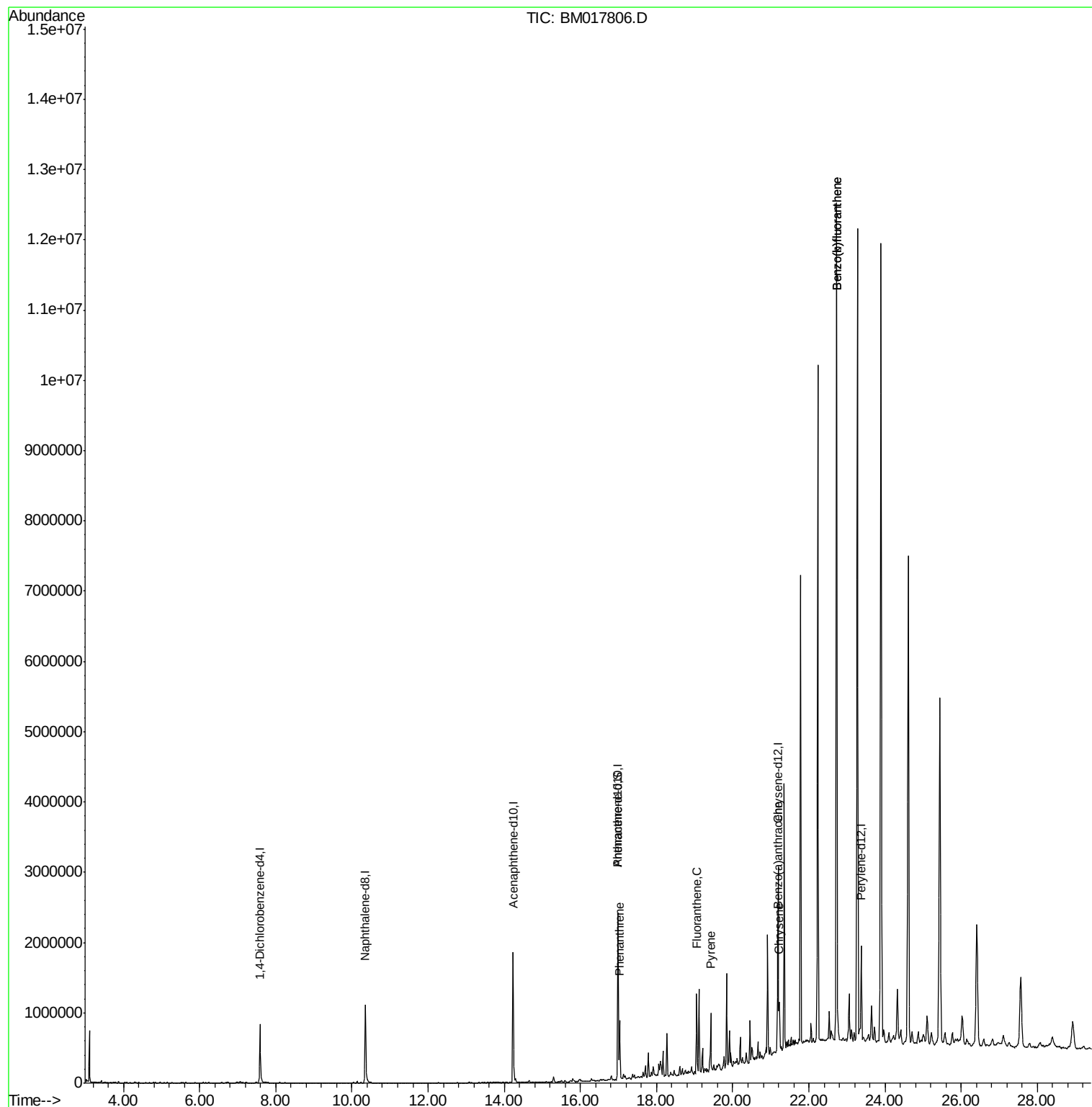
					Qvalue	
69) Phenanthrene	17.03	178	516733	6.689	ng/ul	98
76) Fluoranthene	19.06	202	681296	7.497	ng/ul	99
79) Pyrene	19.42	202	463389	6.793	ng/ul	98
82) Benzo(a)anthracene	21.17	228	283855	4.073	ng/ul	100
84) Chrysene	21.23	228	288255	4.422	ng/ul	99
87) Benzo(b)fluoranthene	22.73	252	275178	4.580	ng/ul#	41
88) Benzo(k)fluoranthene	22.73	252	275178	4.713	ng/ul#	43

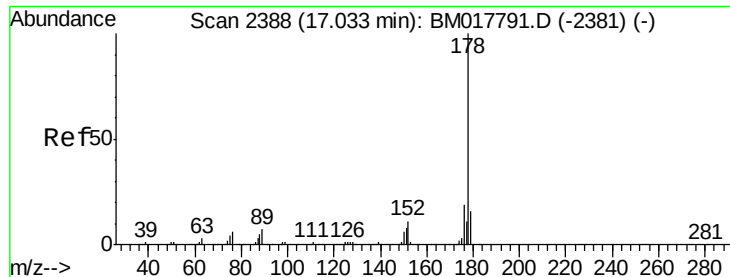
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4J8

Quant Time: Nov 30 00:36:01 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





#69

Phenanthrene

Concen: 6.689 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

ClientSampleId :

CB4J8

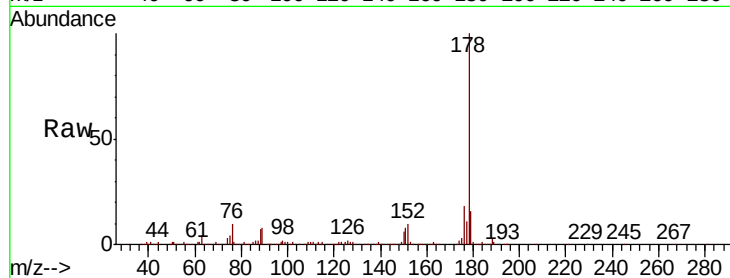
Tgt Ion:178 Resp: 516733

Ion Ratio Lower Upper

178 100

179 16.1 11.8 17.8

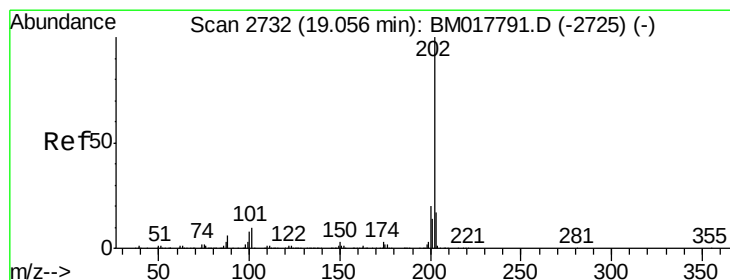
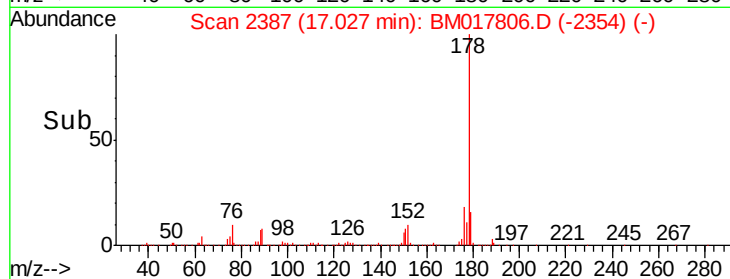
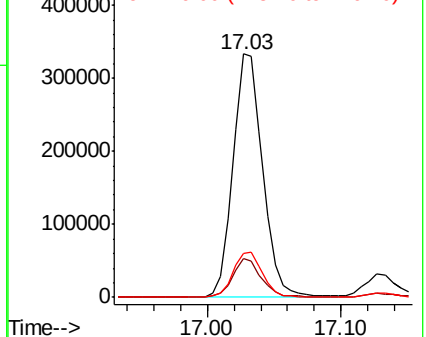
176 18.0 15.0 22.6



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: 7.497 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

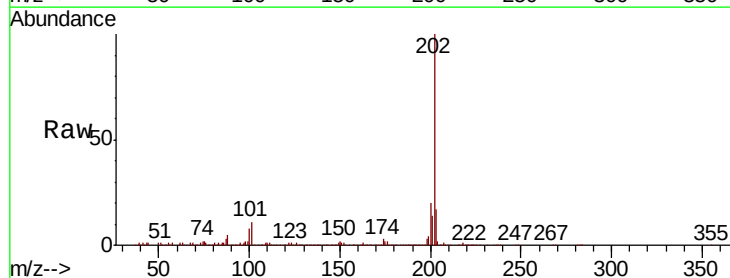
Tgt Ion:202 Resp: 681296

Ion Ratio Lower Upper

202 100

101 11.0 8.4 12.6

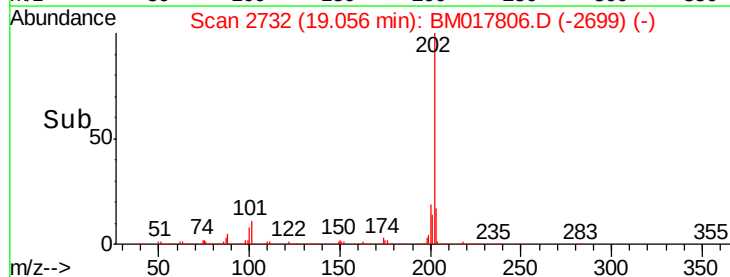
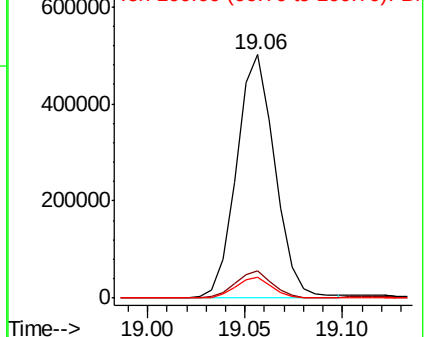
100 8.4 6.6 9.8

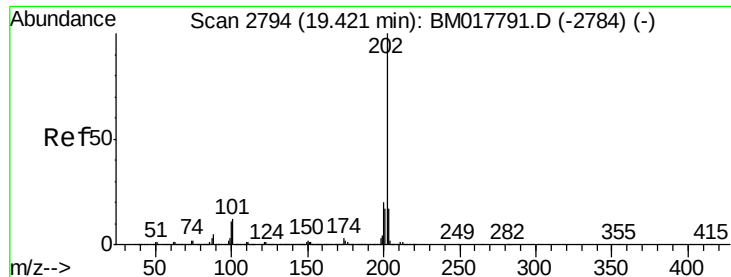


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 6.793 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

ClientSampleId :

CB4J8

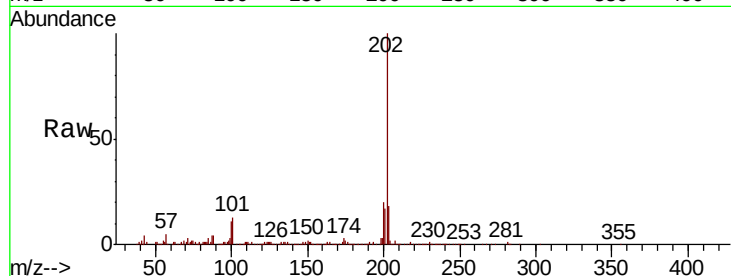
Tgt Ion:202 Resp: 463389

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

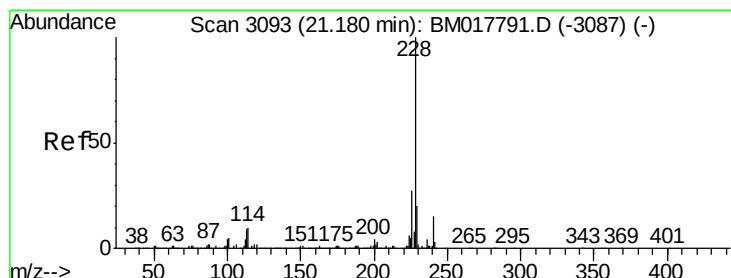
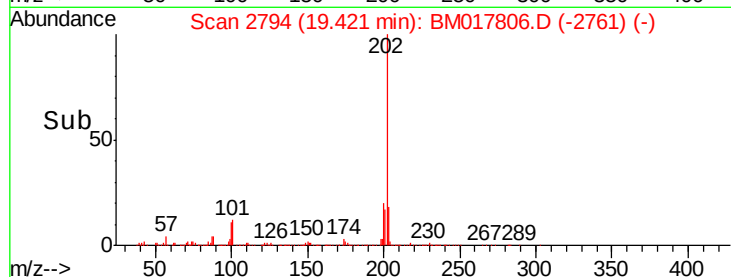
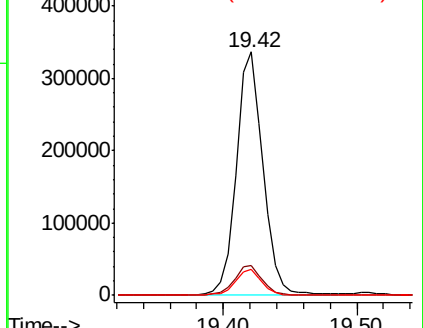
100 10.6 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 4.073 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

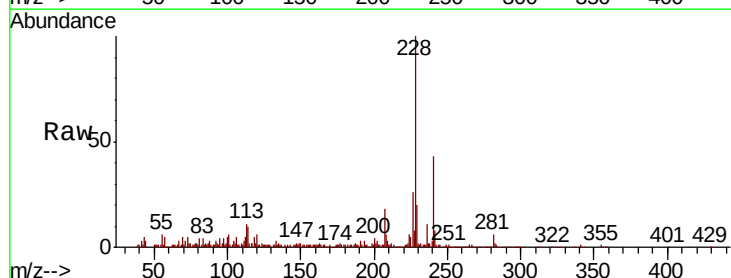
Tgt Ion:228 Resp: 283855

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

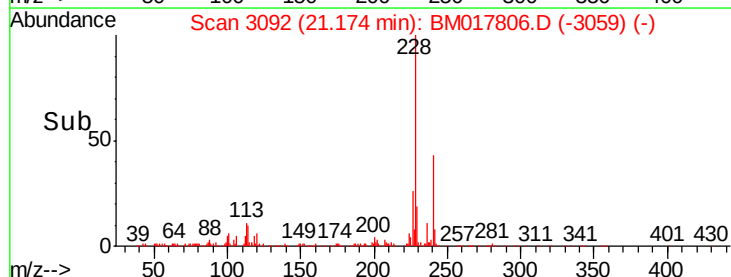
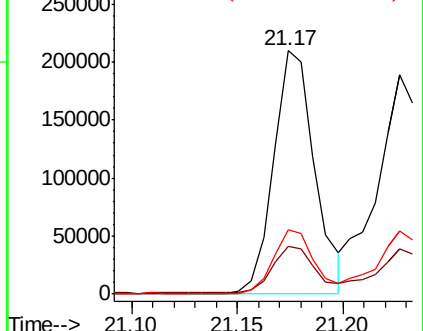
226 26.4 21.0 31.6

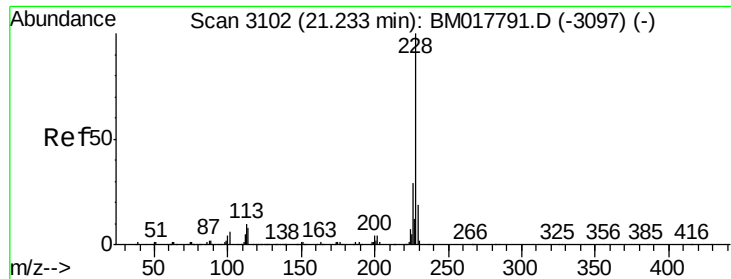


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 4.422 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

ClientSampleId :

CB4J8

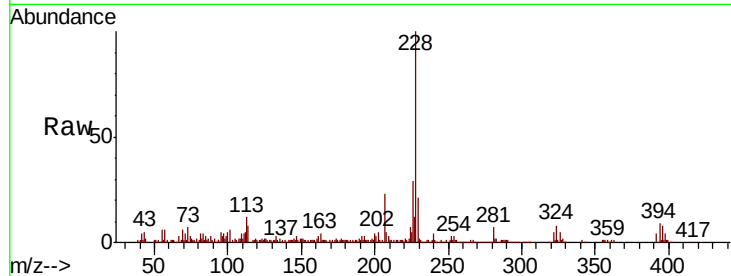
Tgt Ion:228 Resp: 288255

Ion Ratio Lower Upper

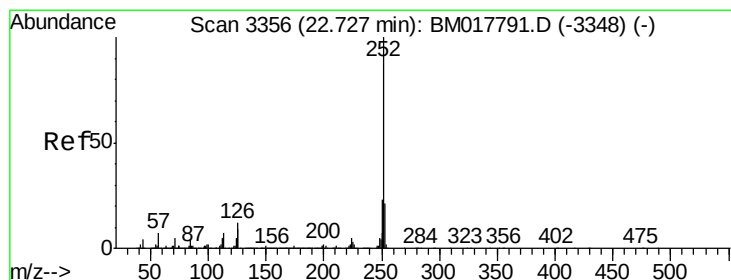
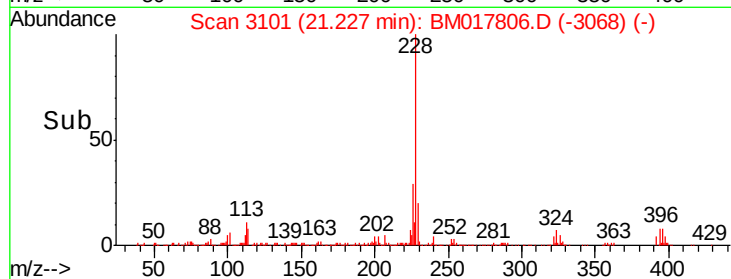
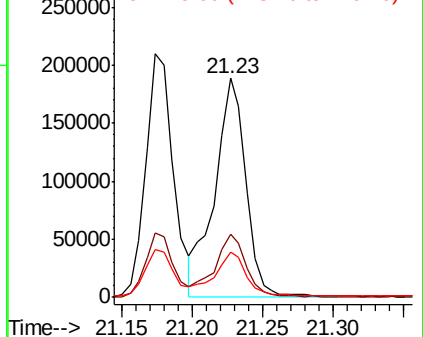
228 100

226 29.0 23.7 35.5

229 20.5 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: 4.580 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

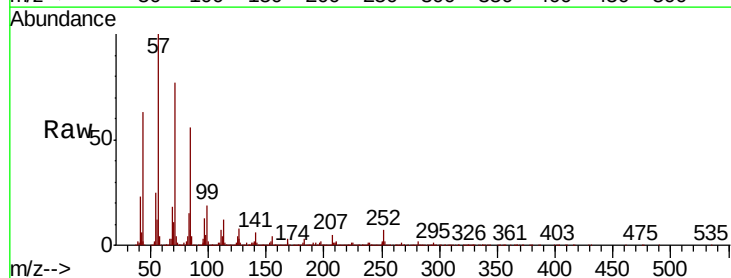
Tgt Ion:252 Resp: 275178

Ion Ratio Lower Upper

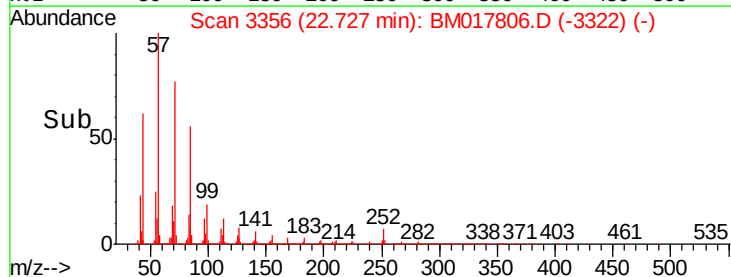
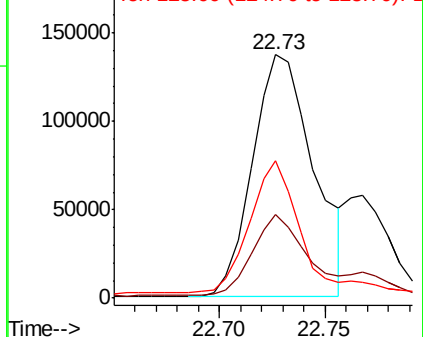
252 100

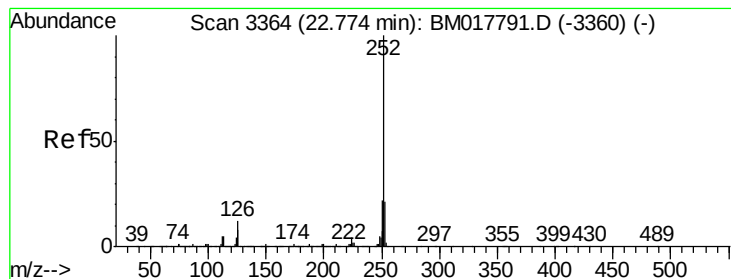
253 34.2 17.0 25.4#

125 56.7 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





#88

Benzo(k)fluoranthene

Concen: 4.713 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

ClientSampleId :

CB4J8

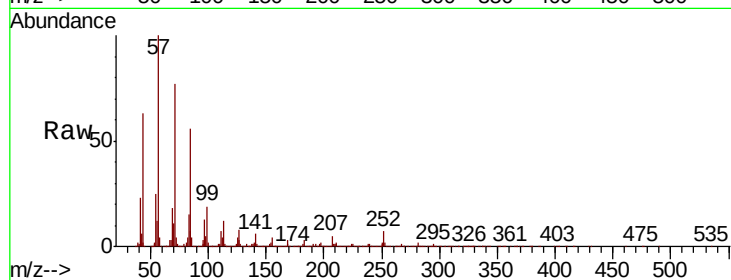
Tgt Ion:252 Resp: 275178

Ion Ratio Lower Upper

252 100

253 34.2 17.4 26.0#

125 56.7 7.1 10.7#



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

