

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 02:08:59 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	3.09	96	426	0.08	ng/uL	-0.09
5) Phenol-d5	6.85	99	121	0.01	ng/ul	0.07
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.13	132	293	0.02	ng/ul	0.00
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	1302	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	3120	0.07	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.99	188	1227343	20.09	ng/ul	-0.10
78) Pyrene-d10	19.38	212	148	0.00	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.37	264	905959	18.22	ng/ul	0.13

Target Compounds

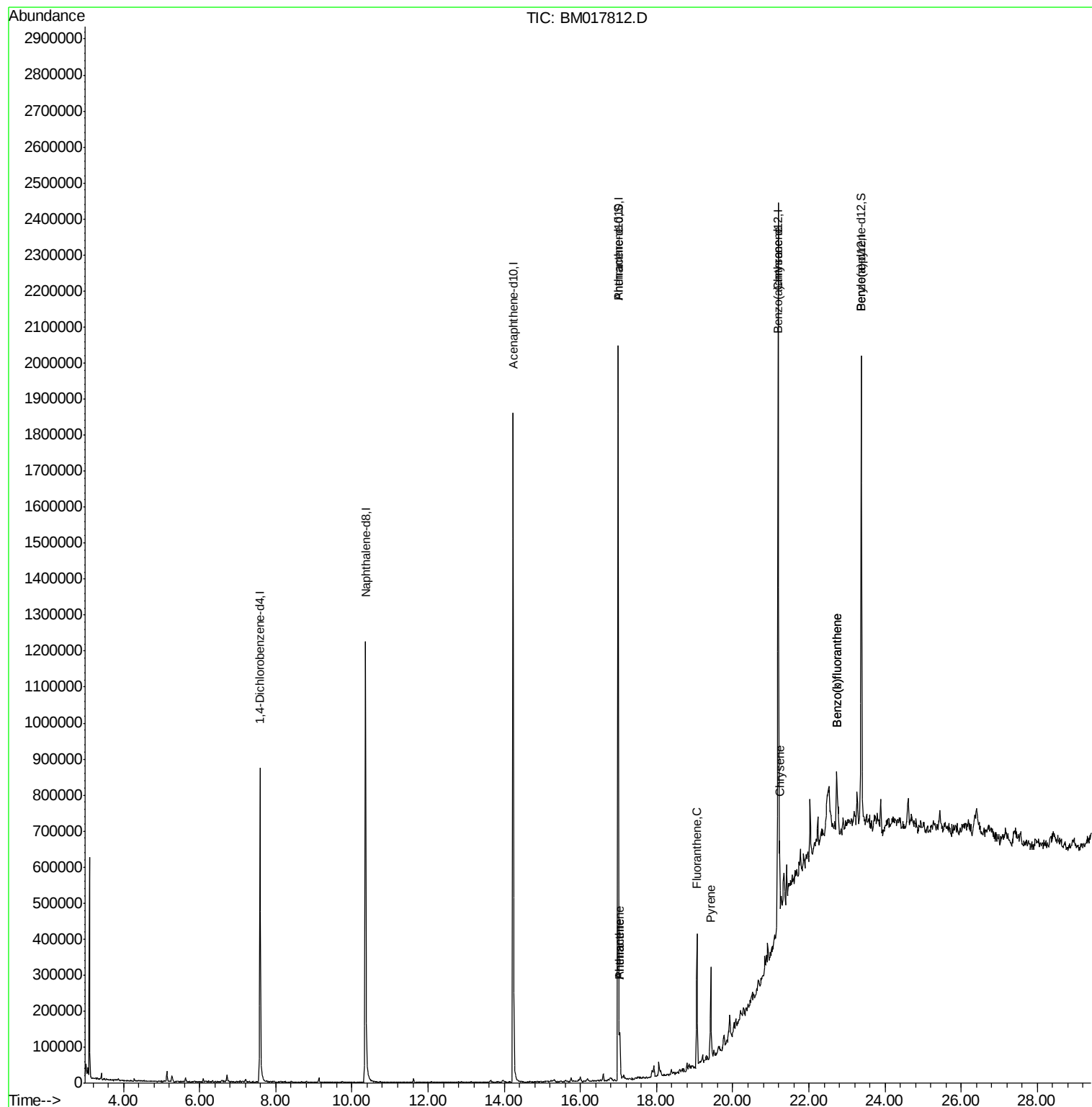
					Qvalue	
69) Phenanthrene	17.03	178	78164	1.114	ng/ul	97
71) Anthracene	17.03	178	78164	1.089	ng/ul	98
76) Fluoranthene	19.06	202	240970	2.919	ng/ul	99
79) Pyrene	19.42	202	150936	2.707	ng/ul	97
82) Benzo(a)anthracene	21.18	228	97243	1.707	ng/ul	97
84) Chrysene	21.23	228	113154	2.123	ng/ul	98
87) Benzo(b)fluoranthene	22.73	252	93332	1.638	ng/ul#	82
88) Benzo(k)fluoranthene	22.73	252	93332	1.685	ng/ul#	83

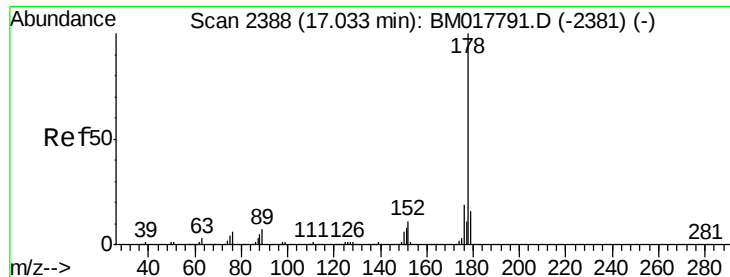
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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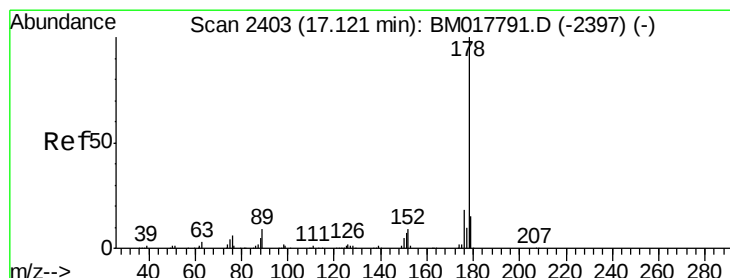
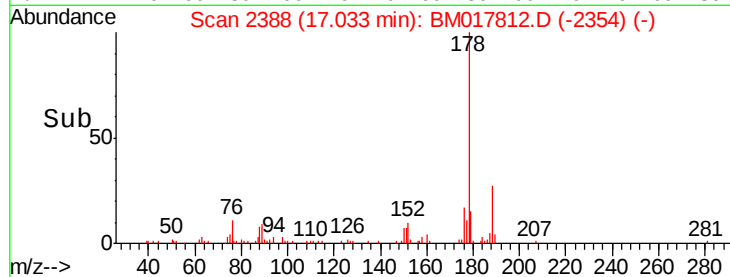
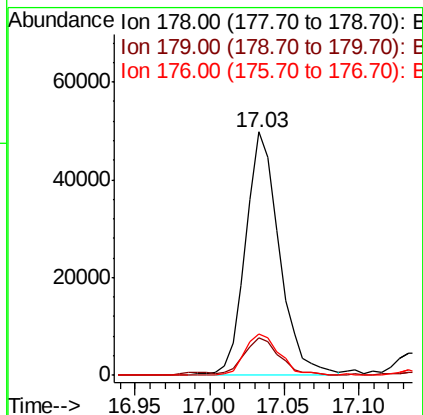
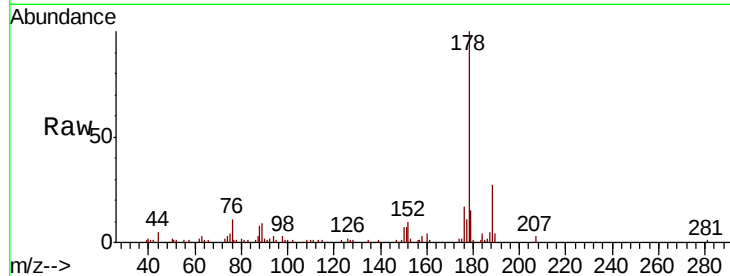




#69
Phenanthrene
Concen: 1.114 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM017812.D
Acq: 30 Nov 2018 00:58

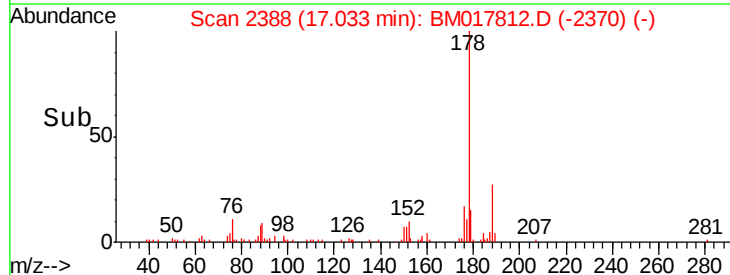
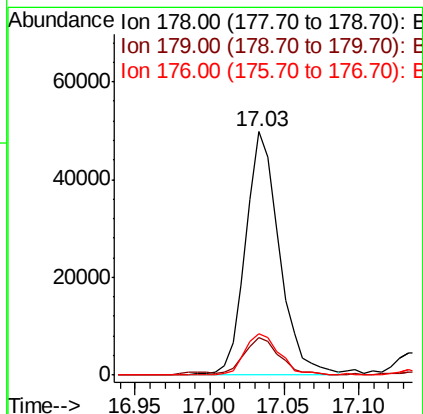
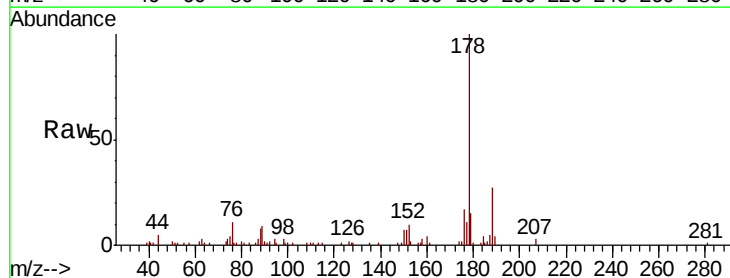
Instrument :
BNA_M
ClientSampleId :
CB4R6

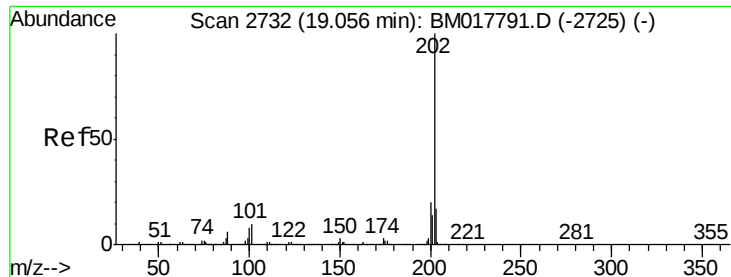
Tgt Ion:178 Resp: 78164
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 17.0 15.0 22.6



#71
Anthracene
Concen: 1.089 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.09 min
Lab File: BM017812.D
Acq: 30 Nov 2018 00:58

Tgt Ion:178 Resp: 78164
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 17.0 14.8 22.2

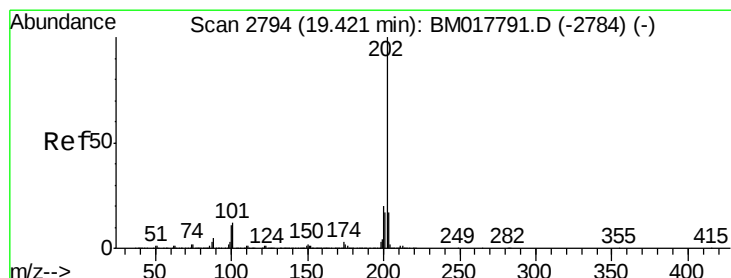
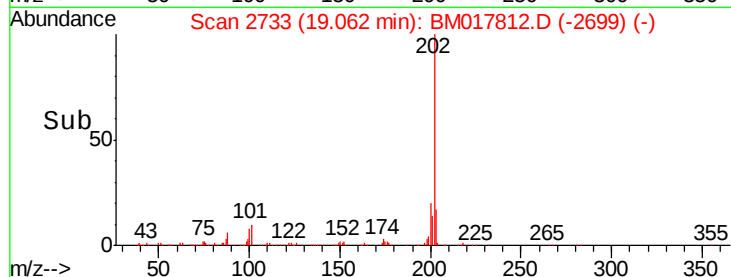
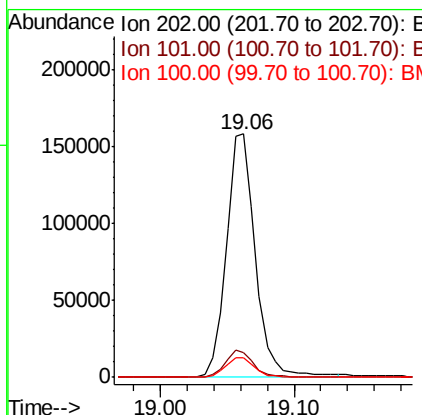
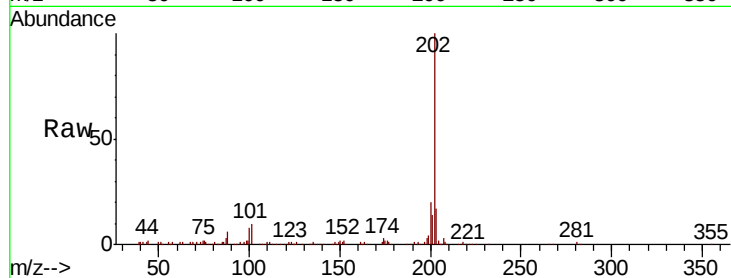




#76
 Fluoranthene
 Concen: 2.919 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: BM017812.D
 Acq: 30 Nov 2018 00:58

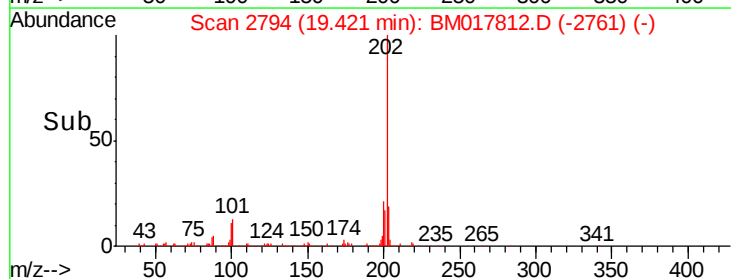
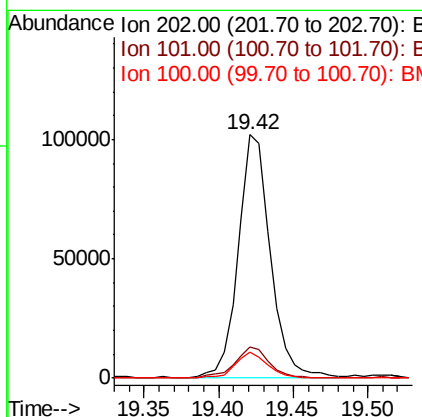
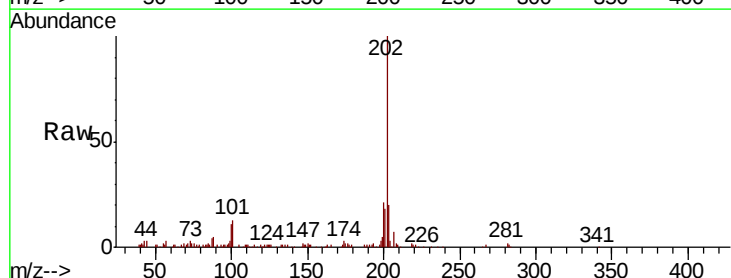
Instrument :
 BNA_M
 ClientSampleId :
 CB4R6

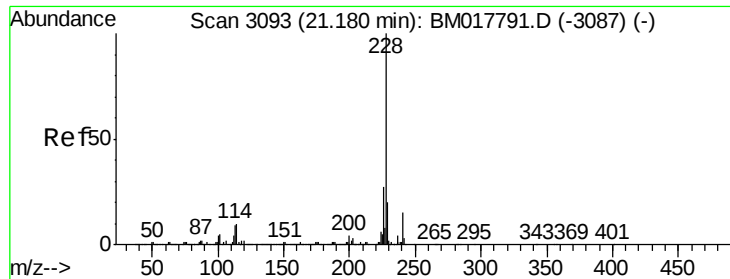
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	7.9	6.6	9.8



#79
 Pyrene
 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

Tgt 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

Instrument :

BNA_M

ClientSampleId :

CB4R6

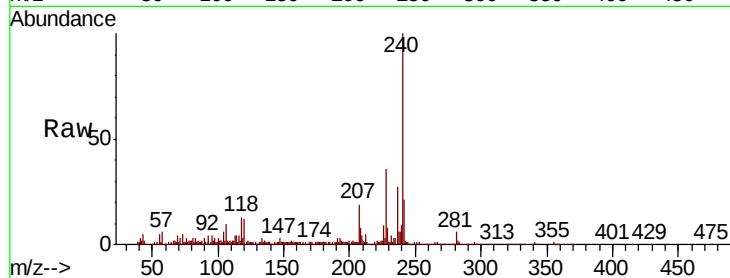
Tgt Ion:228 Resp: 97243

Ion Ratio Lower Upper

228 100

229 22.1 16.0 24.0

226 24.9 21.0 31.6

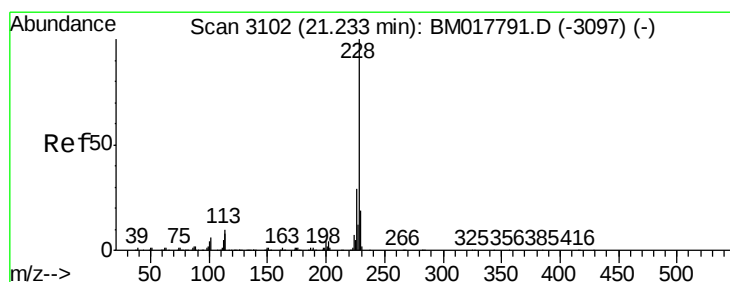
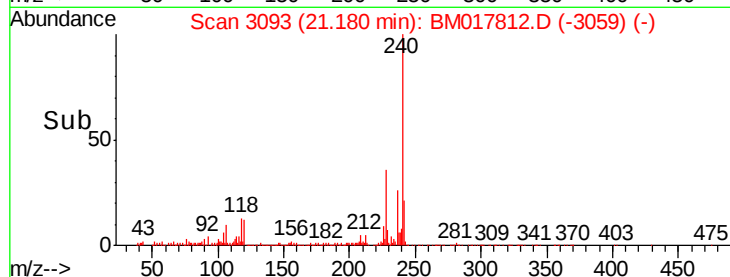
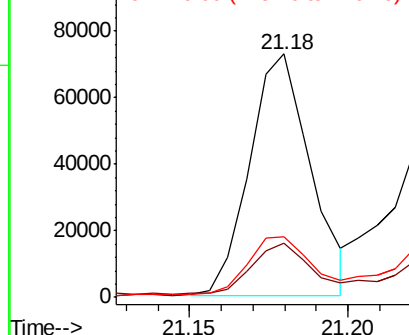


Abundance

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: 2.123 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM017812.D

Acq: 30 Nov 2018 00:58

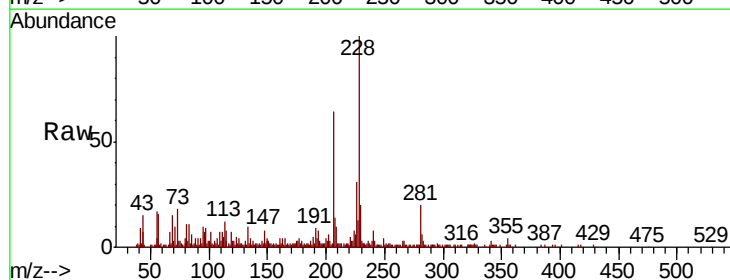
Tgt Ion:228 Resp: 113154

Ion Ratio Lower Upper

228 100

226 30.7 23.7 35.5

229 20.2 15.8 23.8

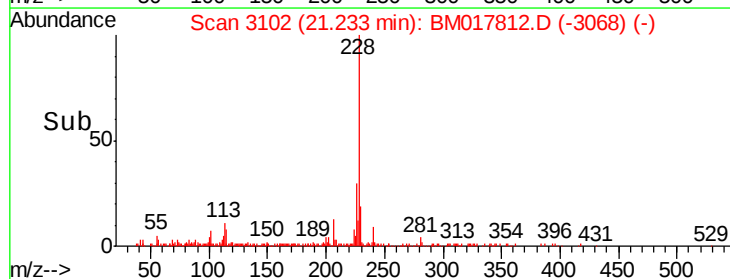
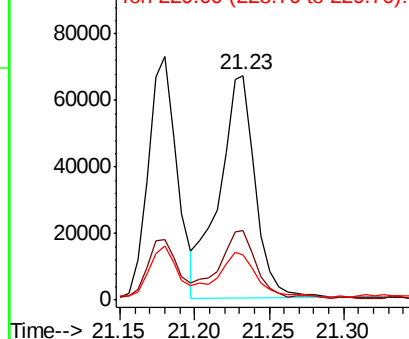


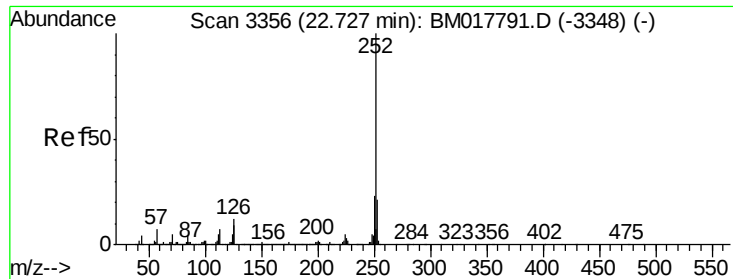
Abundance

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

Instrument :

BNA_M

ClientSampled :

CB4R6

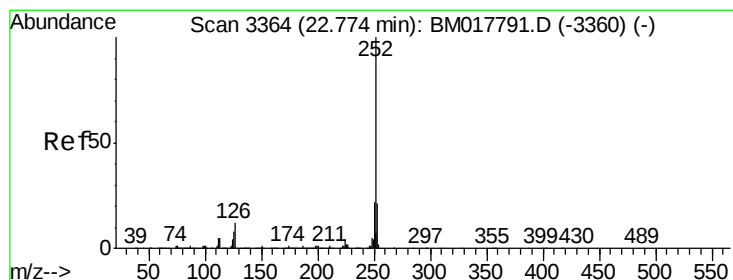
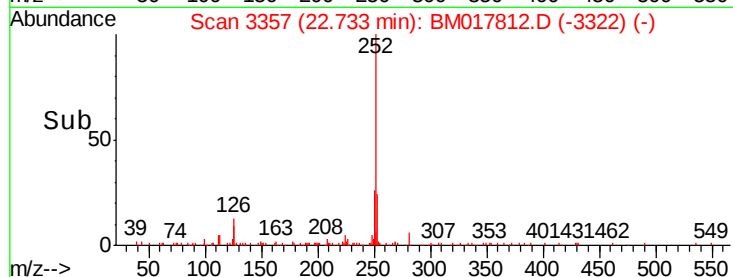
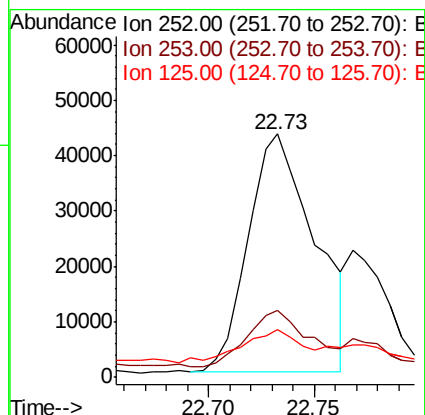
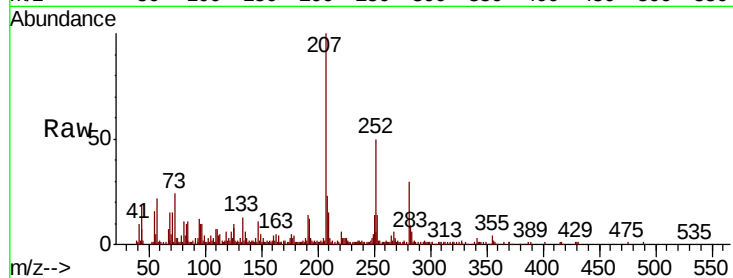
Tgt Ion:252 Resp: 93332

Ion Ratio Lower Upper

252 100

253 27.4 17.0 25.4#

125 19.8 7.3 10.9#



#88

Benzo(k)fluoranthene

Concen: 1.685 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 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 17.4 26.0#

125 19.8 7.1 10.7#

