

Data File : BM023592.D
Acq On : 04 Nov 2019 22:57
Operator : JU
Sample : K5403-01
Misc : GCMS CONFIRMATION
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB92

Quant Time: Nov 05 03:30:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	465749	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1756974	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	933876	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1823954	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1889698	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2514740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	256	0.03	ng/uL	-0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.95	67	326	0.01	ng/ul	0.00
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	10.50	131	281	0.01	ng/ul	-0.01
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.39	143	124	0.01	ng/ul	-0.08
58) Fluorene-d10	15.26	176	247	0.00	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.00	188	1823954	21.16	ng/ul	-0.10
79) Pyrene-d10	19.40	212	3753	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2472055	19.30	ng/ul	0.14

Target Compounds

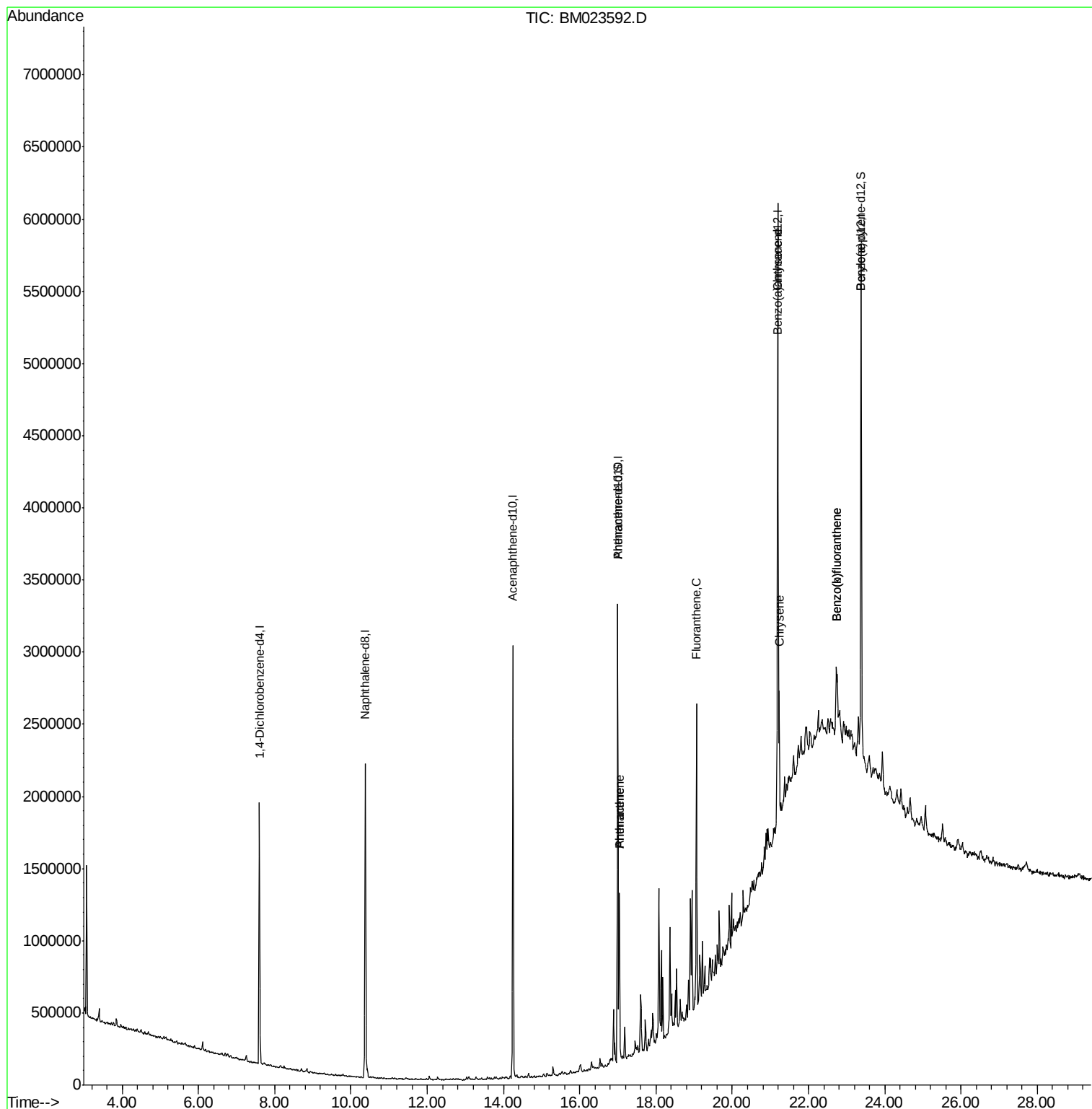
					Qvalue	
70) Phenanthrene	17.04	178	632812	6.208	ng/ul	99
72) Anthracene	17.04	178	632812	6.127	ng/ul	99
77) Fluoranthene	19.06	202	1224751	11.519	ng/ul	97
83) Benzo(a)anthracene	21.18	228	236022	1.868	ng/ul	99
85) Chrysene	21.23	228	503177	4.315	ng/ul	98
88) Benzo(b)fluoranthene	22.73	252	316019	1.957	ng/ul#	86
89) Benzo(k)fluoranthene	22.73	252	316019	2.084	ng/ul#	86

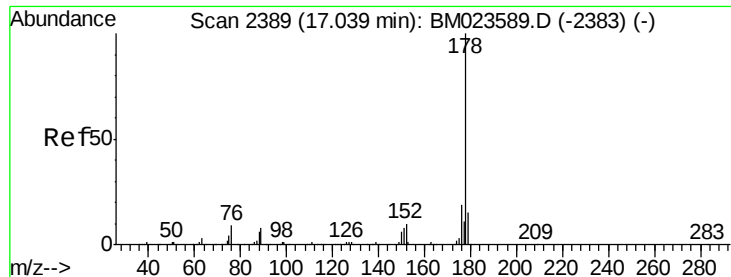
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 6.208 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM023592.D

Acq: 04 Nov 2019 22:57

Instrument :

BNA_M

ClientSampleId :

BFB92

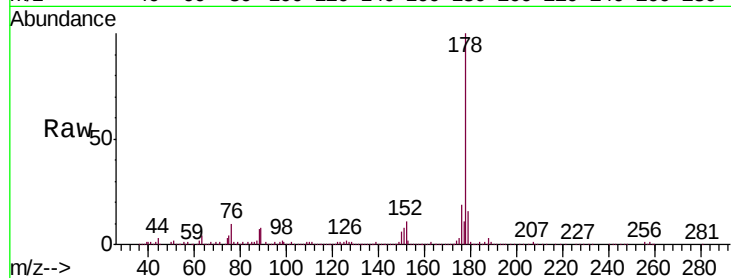
Tgt Ion:178 Resp: 632812

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

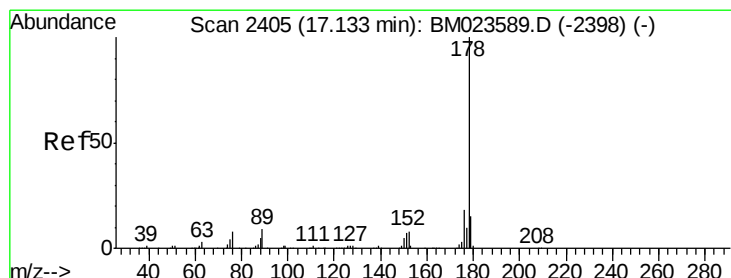
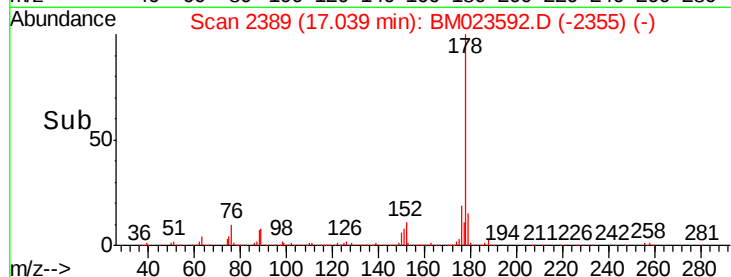
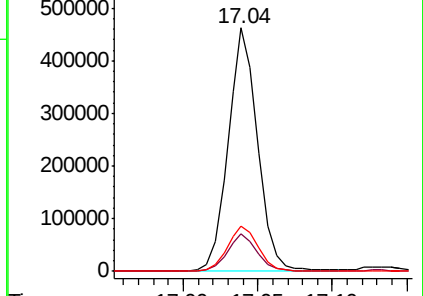
176 18.7 14.9 22.3



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



#72

Anthracene

Concen: 6.127 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BM023592.D

Acq: 04 Nov 2019 22:57

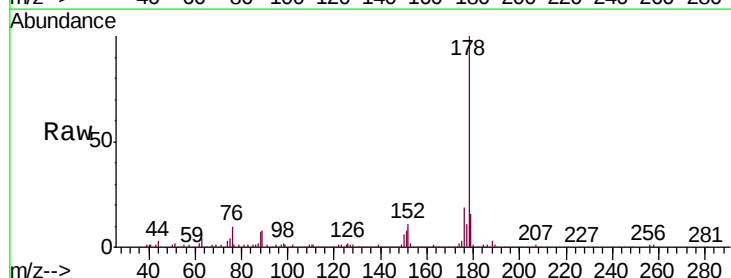
Tgt Ion:178 Resp: 632812

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

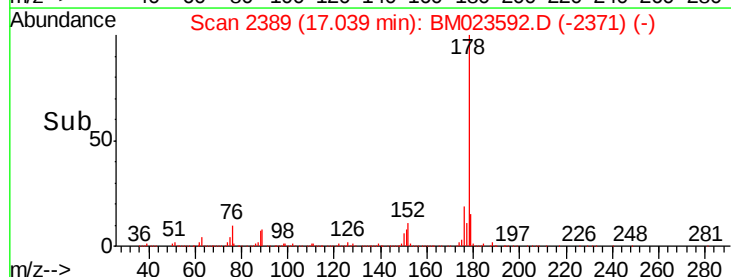
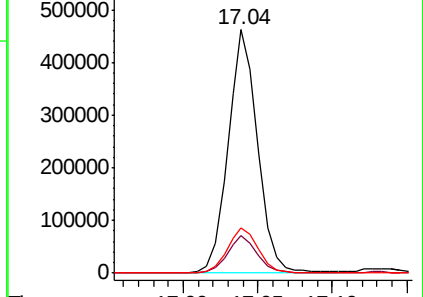
176 18.7 14.4 21.6

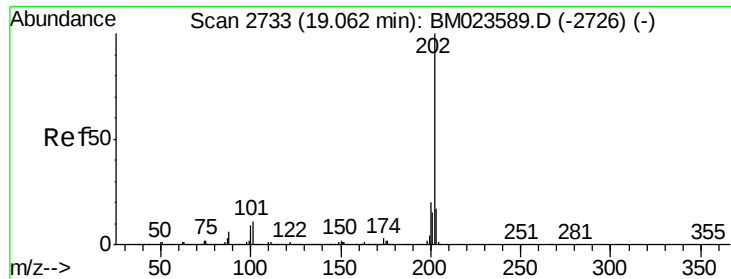


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

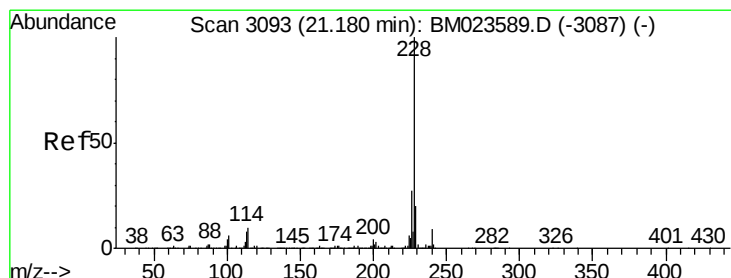
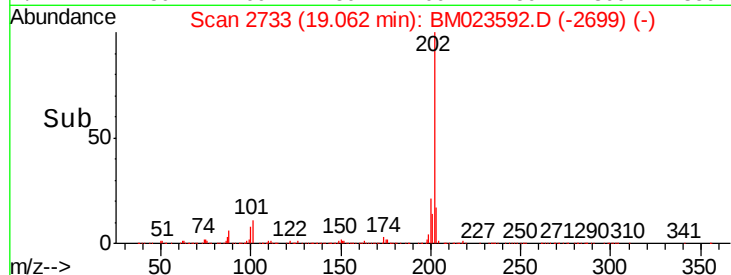
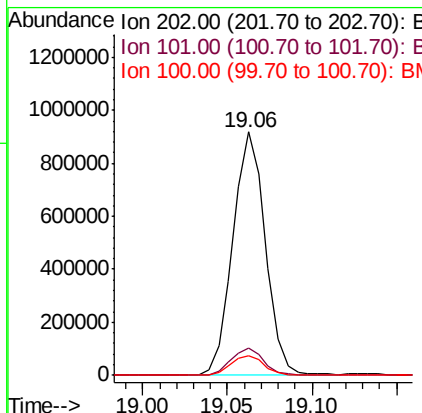
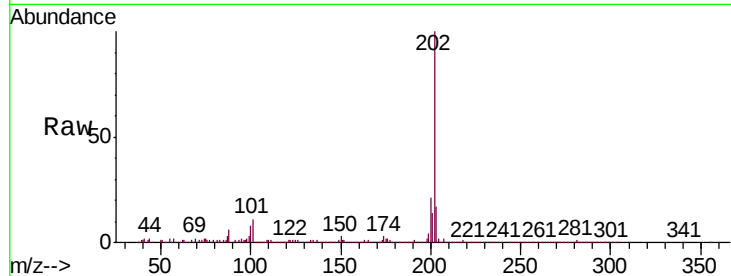




#77
 Fluoranthene
 Concen: 11.519 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM023592.D
 Acq: 04 Nov 2019 22:57

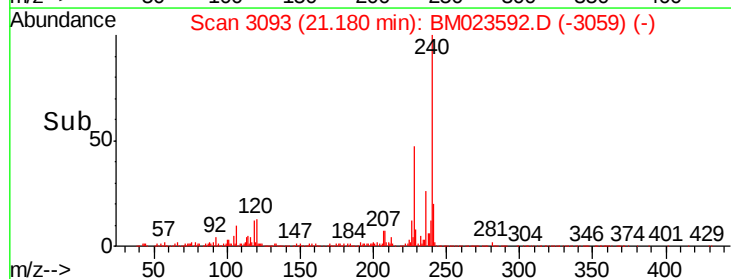
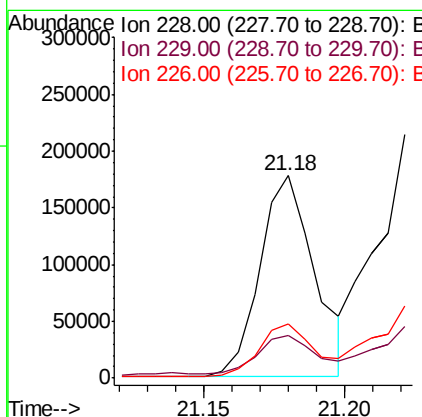
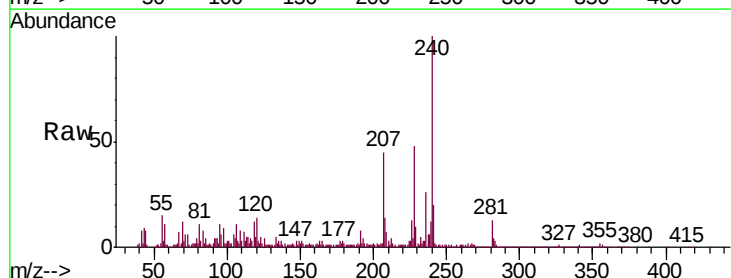
Instrument :
 BNA_M
 ClientSampleId :
 BFB92

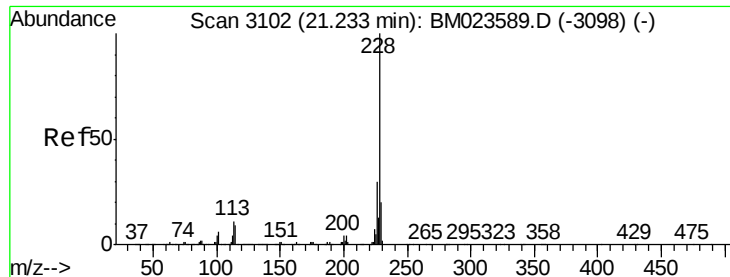
Tgt Ion:202 Resp: 1224751
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.1 12.1
 100 8.3 6.2 9.2



#83
 Benzo(a)anthracene
 Concen: 1.868 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. 0.00 min
 Lab File: BM023592.D
 Acq: 04 Nov 2019 22:57

Tgt Ion:228 Resp: 236022
 Ion Ratio Lower Upper
 228 100
 229 21.2 15.8 23.8
 226 26.9 21.6 32.4





#85

Chrysene

Concen: 4.315 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM023592.D

Acq: 04 Nov 2019 22:57

Instrument :

BNA_M

ClientSampleId :

BFB92

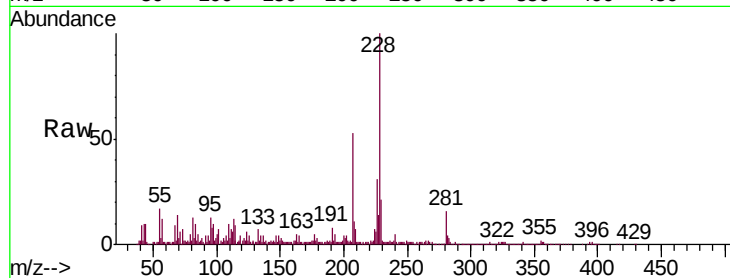
Tgt Ion:228 Resp: 503177

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

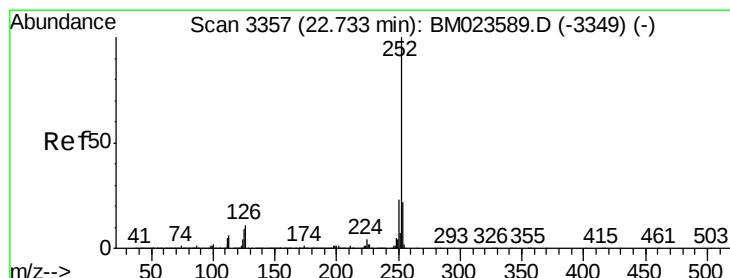
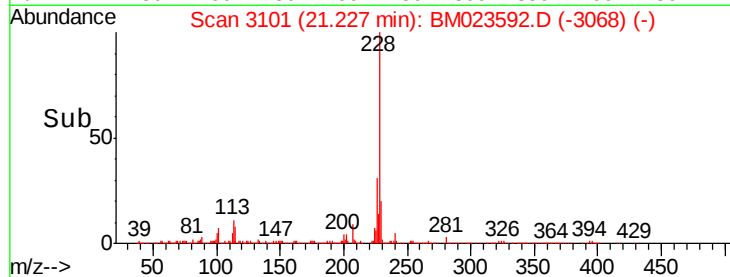
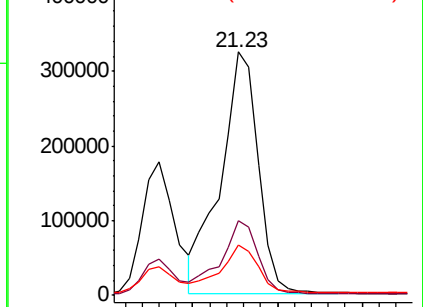
229 20.8 16.0 24.0



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



#88

Benzo(b)fluoranthene

Concen: 1.957 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM023592.D

Acq: 04 Nov 2019 22:57

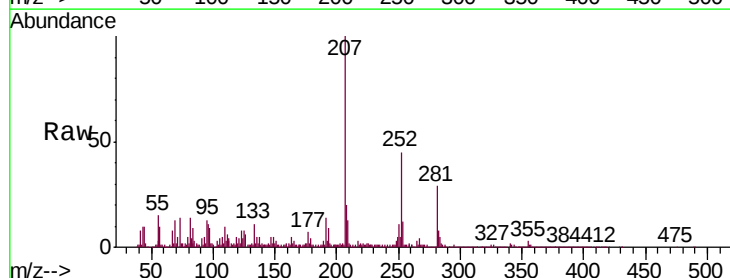
Tgt Ion:252 Resp: 316019

Ion Ratio Lower Upper

252 100

253 26.8 17.5 26.3#

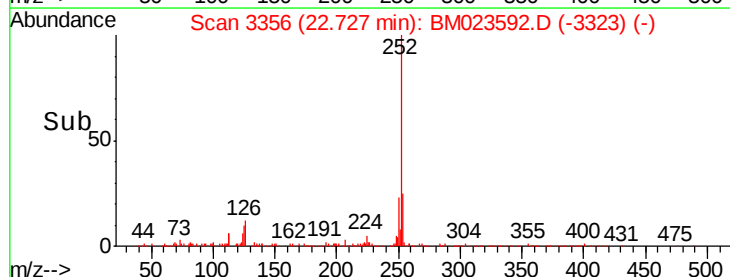
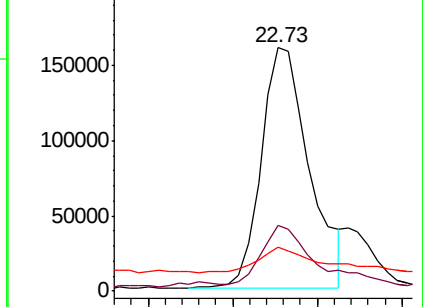
125 17.8 7.1 10.7#

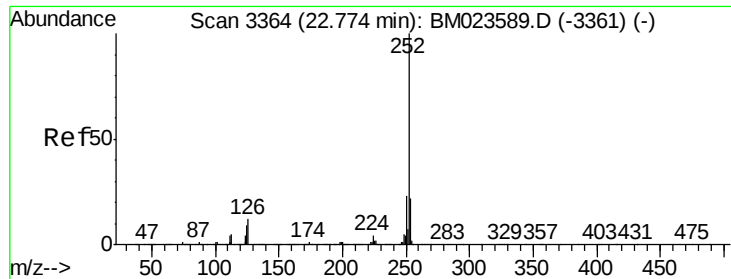


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.084 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM023592.D

Acq: 04 Nov 2019 22:57

Instrument :

BNA_M

ClientSampleId :

BFB92

Tgt Ion:252 Resp: 316019

Ion Ratio Lower Upper

252 100

253 26.8 17.8 26.6#

125 17.8 6.8 10.2#

