

Data File : BM023596.D
Acq On : 05 Nov 2019 01:20
Operator : JU
Sample : K5403-08
Misc : GCMS CONFIRMATION
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB97

Quant Time: Nov 05 03:57:23 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	685709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	2664698	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1447074	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2492451	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1943150	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2445146	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	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	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

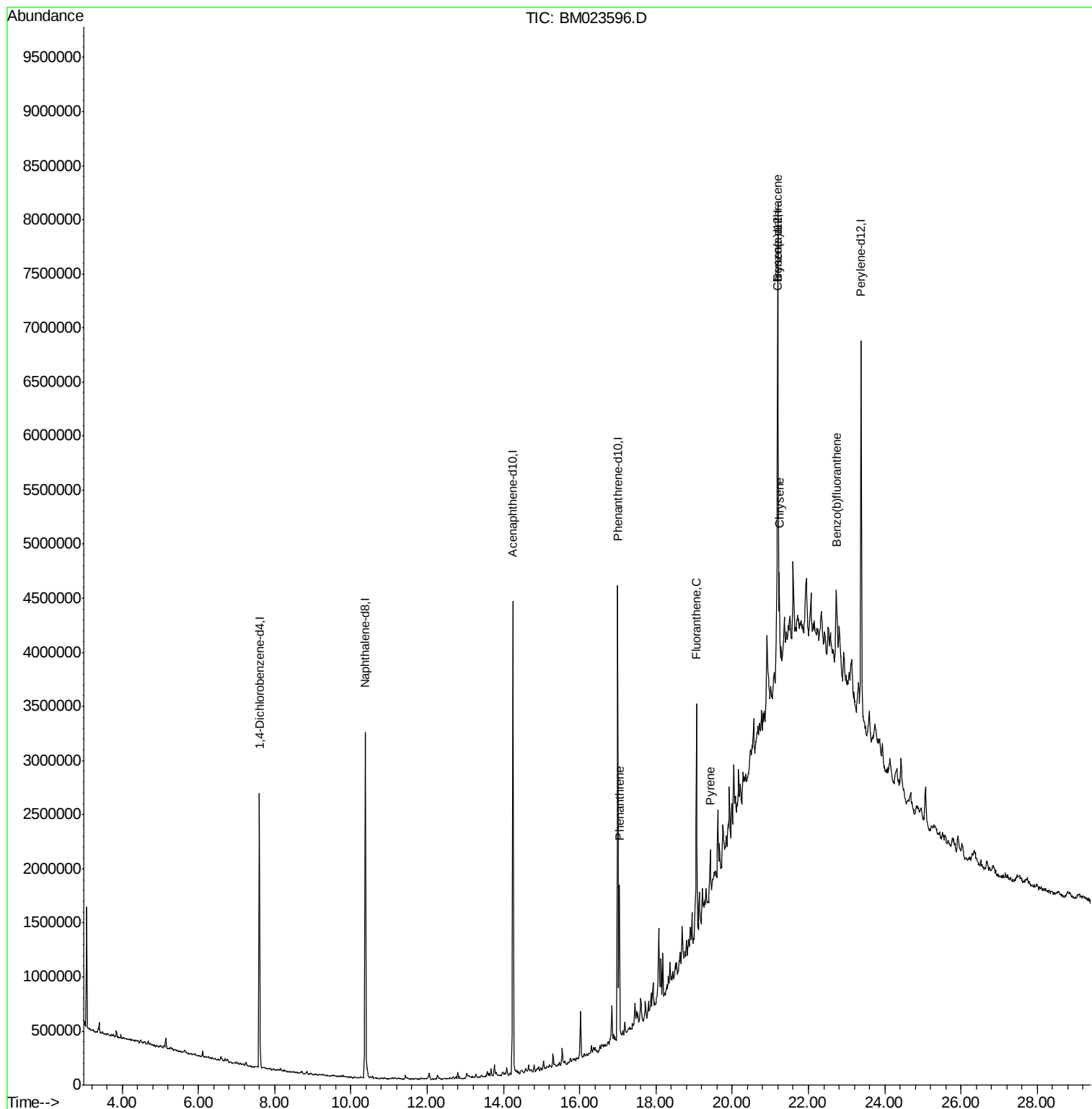
Target Compounds					Qvalue	
70) Phenanthrene	17.04	178	787177	5.651	ng/ul	99
77) Fluoranthene	19.06	202	1239384	8.530	ng/ul	99
80) Pyrene	19.43	202	306627	2.235	ng/ul	99
83) Benzo(a)anthracene	21.18	228	344122	2.648	ng/ul	98
85) Chrysene	21.23	228	499804	4.168	ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	399878	2.546	ng/ul#	82

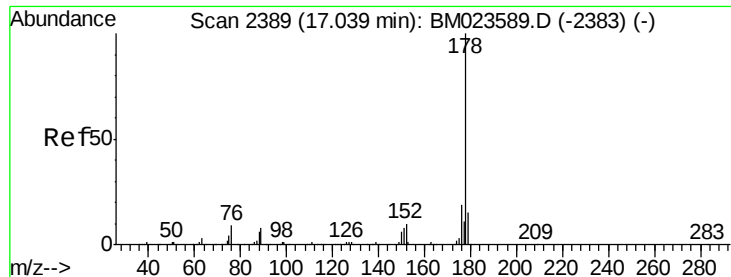
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 5.651 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

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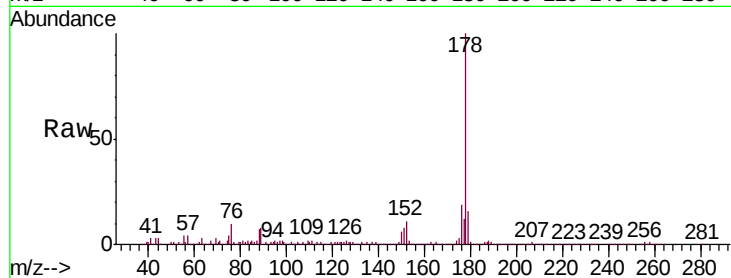
Tgt Ion:178 Resp: 787177

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

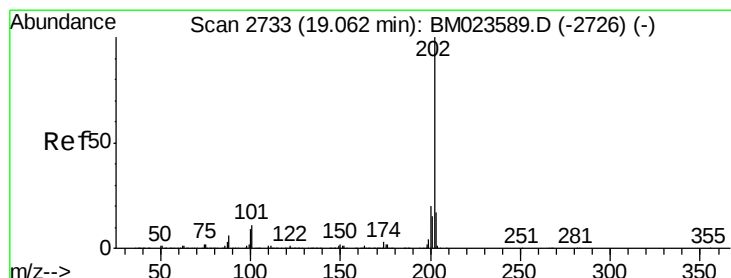
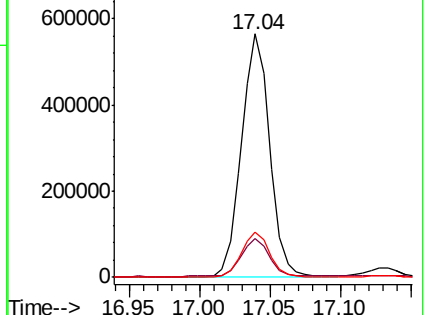
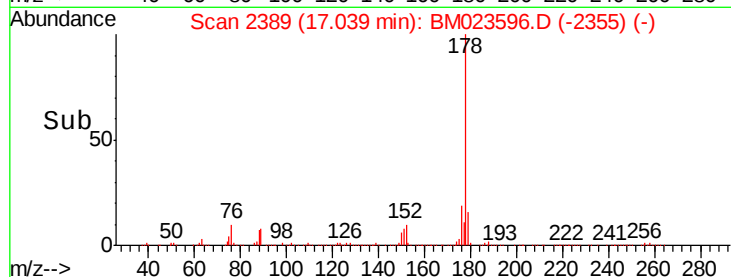
176 18.6 14.9 22.3



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



#77

Fluoranthene

Concen: 8.530 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM023596.D

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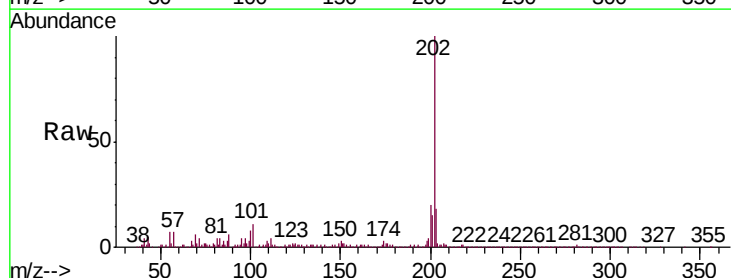
Tgt Ion:202 Resp: 1239384

Ion Ratio Lower Upper

202 100

101 10.6 8.1 12.1

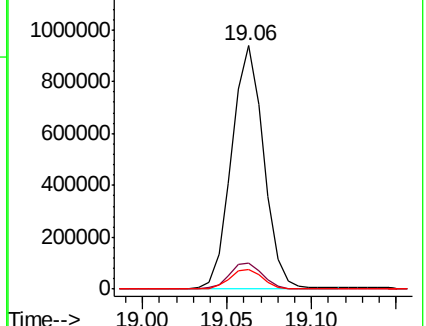
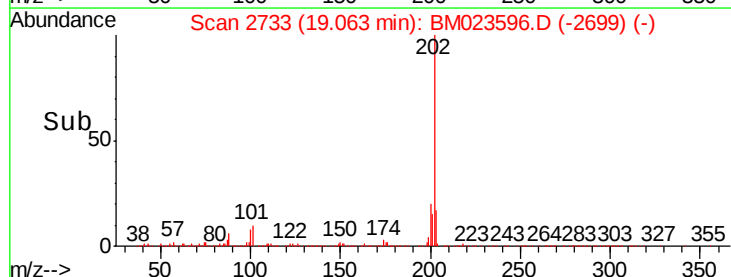
100 8.2 6.2 9.2

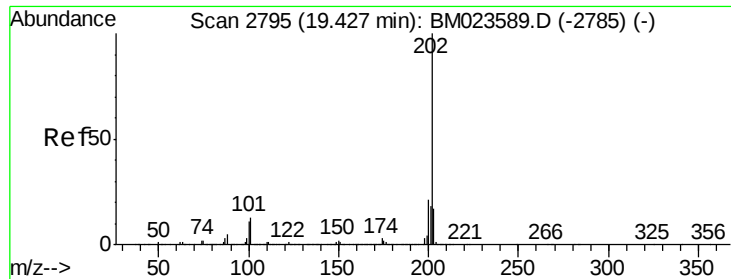


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

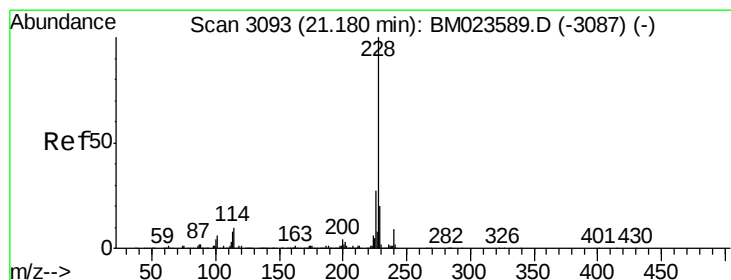
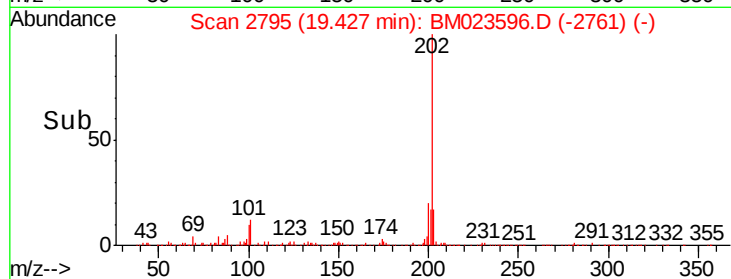
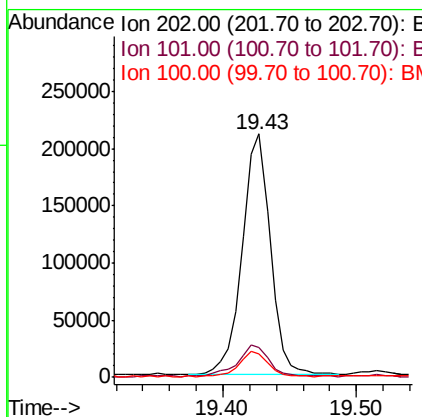
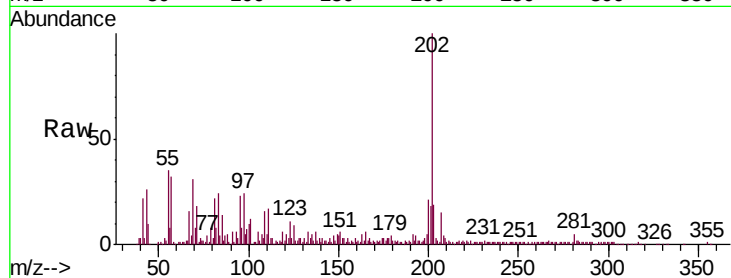




#80
 Pyrene
 Concen: 2.235 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
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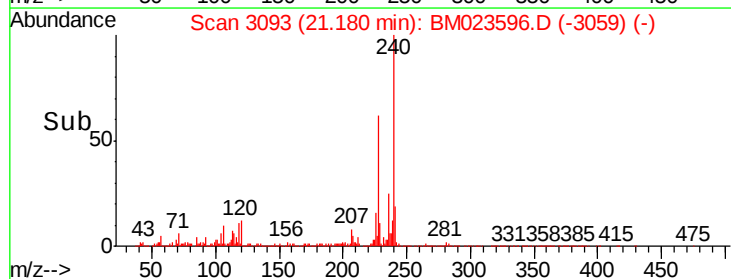
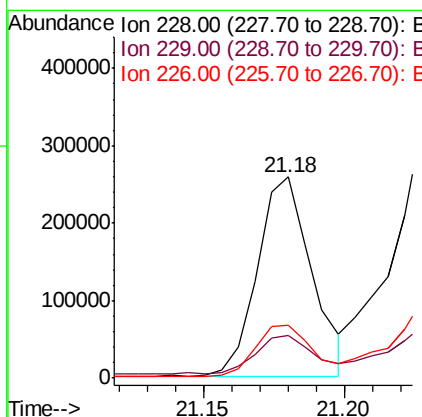
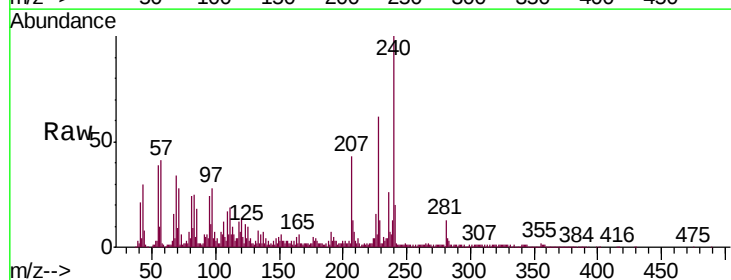
Instrument :
 BNA_M
 ClientSampleId :
 BFB97

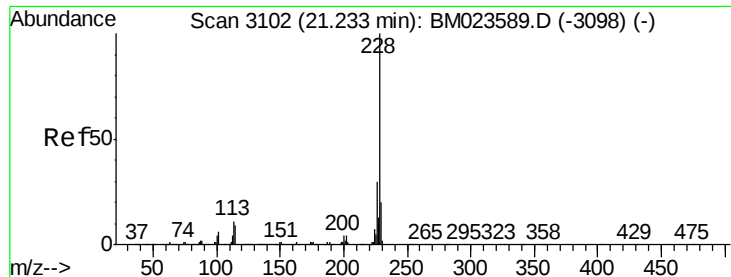
Tgt Ion:	202	Resp:	306627
Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	9.8	8.3	12.5



#83
 Benzo(a)anthracene
 Concen: 2.648 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. 0.00 min
 Lab File: BM023596.D
 Acq: 05 Nov 2019 01:20

Tgt Ion:	228	Resp:	344122
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	26.5	21.6	32.4





#85

Chrysene

Concen: 4.168 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM023596.D

Acq: 05 Nov 2019 01:20

Instrument :

BNA_M

ClientSampleId :

BFB97

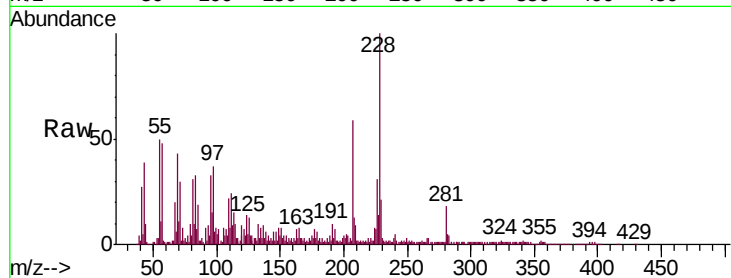
Tgt Ion:228 Resp: 499804

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

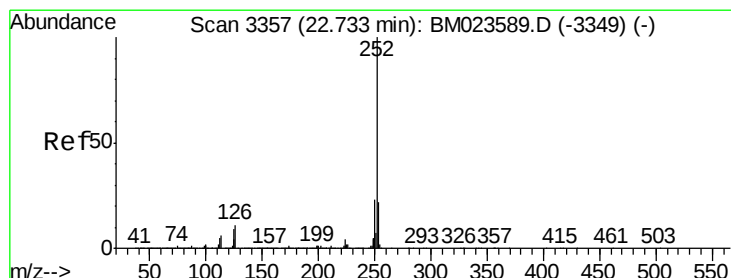
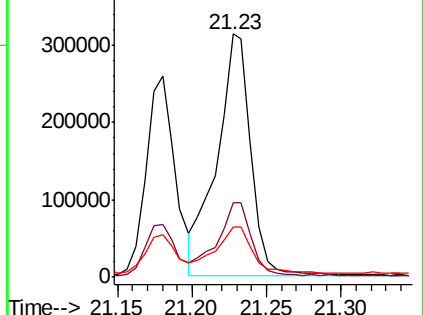
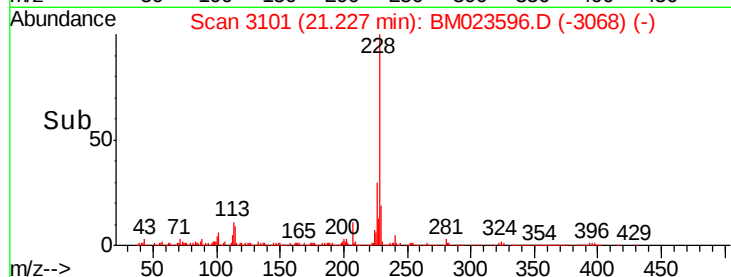
229 20.9 16.0 24.0



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: 2.546 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM023596.D

Acq: 05 Nov 2019 01:20

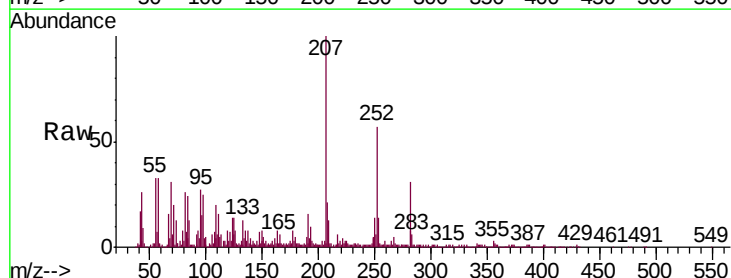
Tgt Ion:252 Resp: 399878

Ion Ratio Lower Upper

252 100

253 25.3 17.5 26.3

125 25.0 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

