

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023398.D
 Acq On : 25 Oct 2019 06:36
 Operator : JU
 Sample : K5403-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 11:53:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

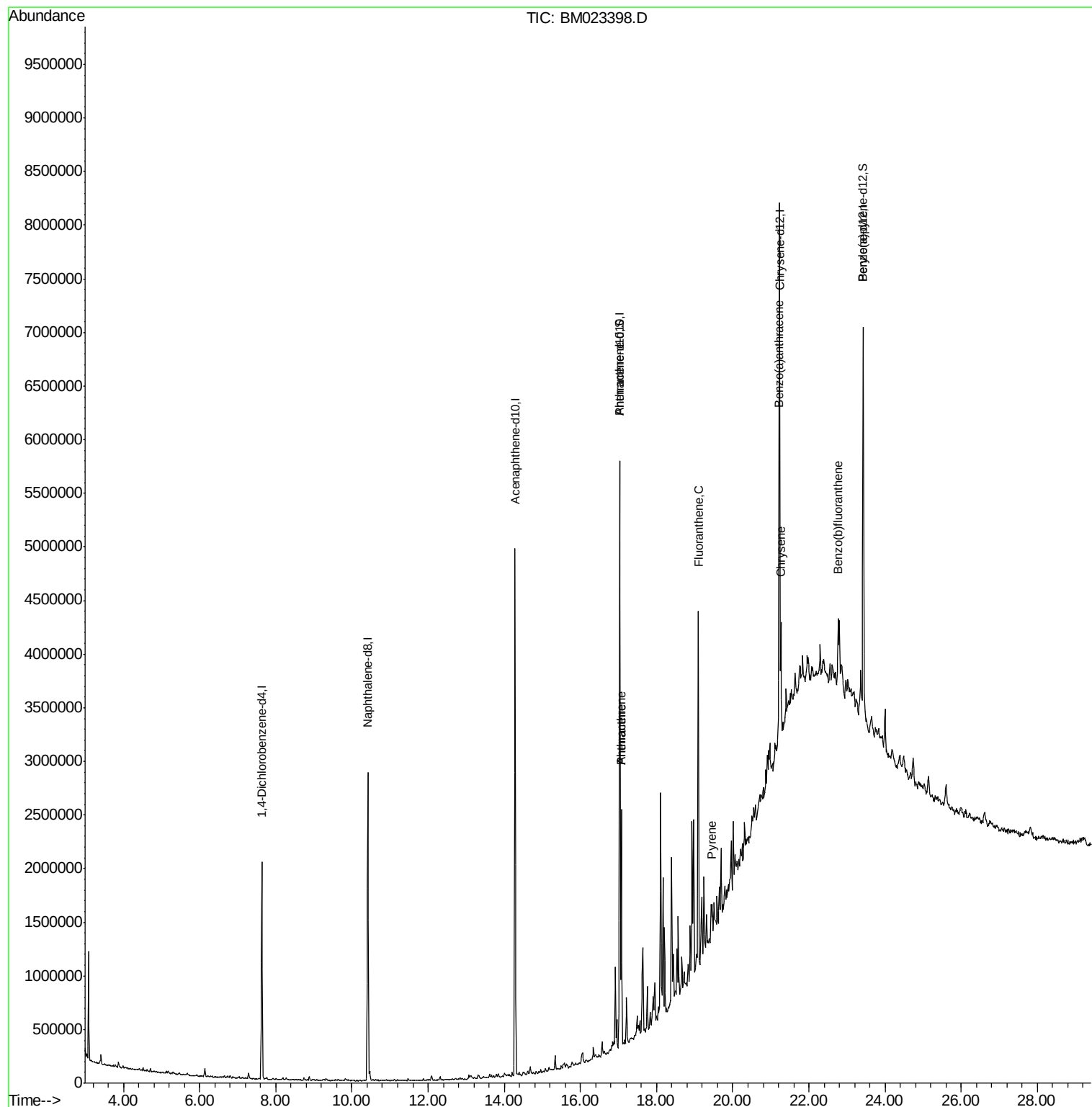
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	558055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2382548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1647955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3169893	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2185078	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2535737	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	427	0.04	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.97	67	246	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	10.55	131	918	0.02	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	14.50	143	414	0.02	ng/ul	0.00
58) Fluorene-d10	15.28	176	4340	0.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	237	0.01	ng/ul	-0.14
71) Anthracene-d10	17.03	188	3169893	21.16	ng/ul	-0.10
79) Pyrene-d10	19.43	212	2831	0.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	2528217	19.57	ng/ul	0.14
Target Compounds						
70) Phenanthrene	17.07	178	1285225	7.255	ng/ul	99
72) Anthracene	17.07	178	1285953	7.165	ng/ul	99
77) Fluoranthene	19.10	202	2055144	11.122	ng/ul	99
80) Pyrene	19.46	202	192502	1.248	ng/ul	99
83) Benzo(a)anthracene	21.21	228	305715	2.092	ng/ul	97
85) Chrysene	21.26	228	654577	4.854	ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	426119	2.616	ng/ul#	85

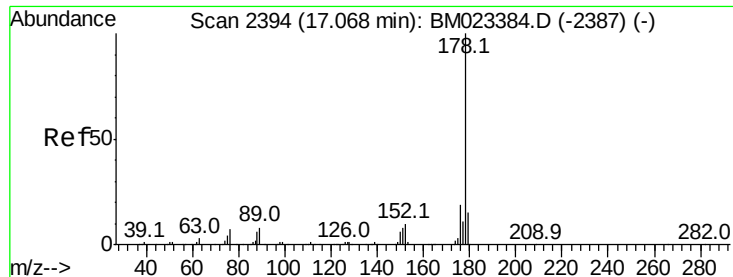
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 7.255 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM023398.D

Acq: 25 Oct 2019 06:36

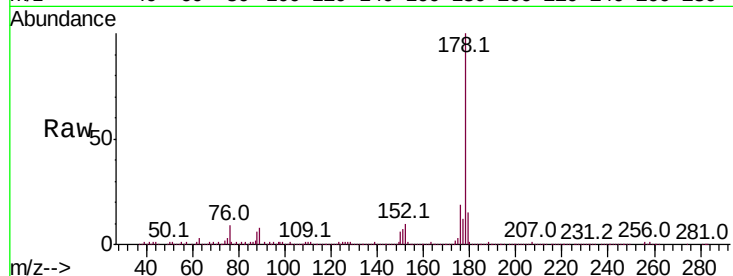
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1285225

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.1	14.9	22.3

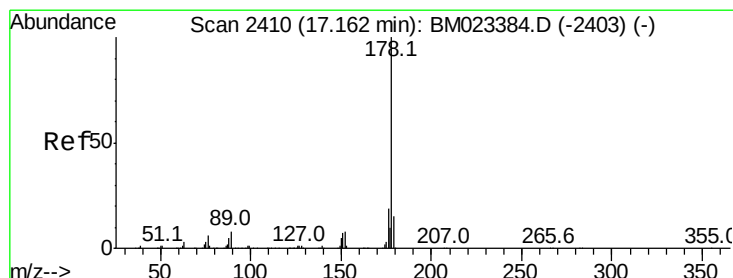
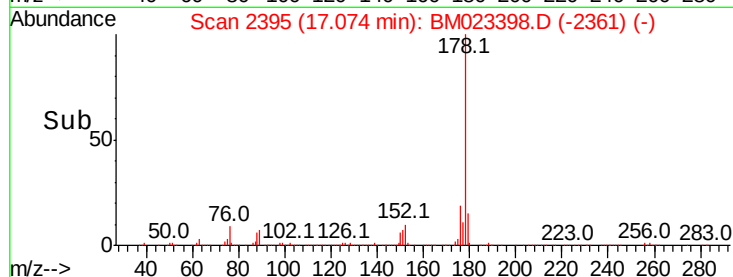
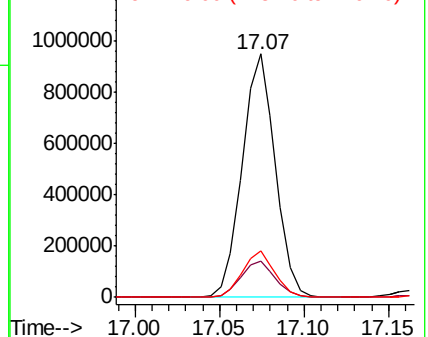


Abundance

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: 7.165 ng/ul

RT: 17.07 min Scan# 2395

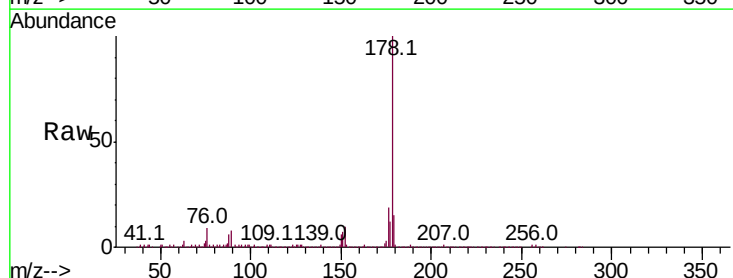
Delta R.T. -0.09 min

Lab File: BM023398.D

Acq: 25 Oct 2019 06:36

Tgt Ion:178 Resp: 1285953

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	19.1	14.4	21.6

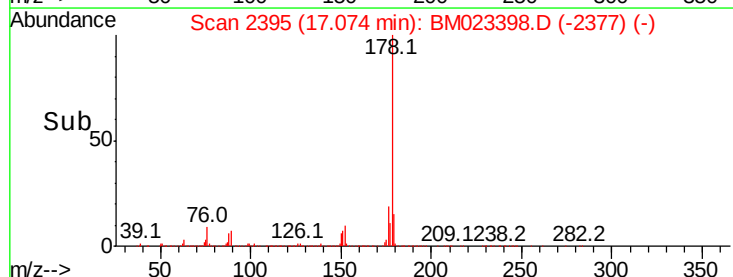
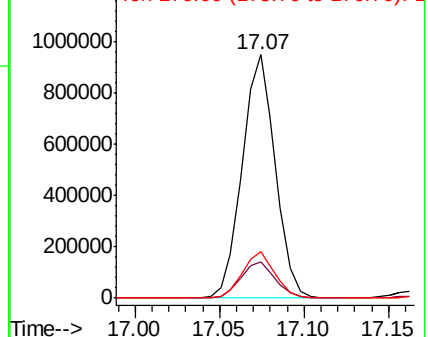


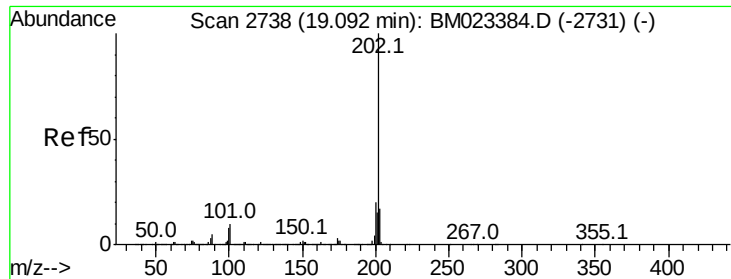
Abundance

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

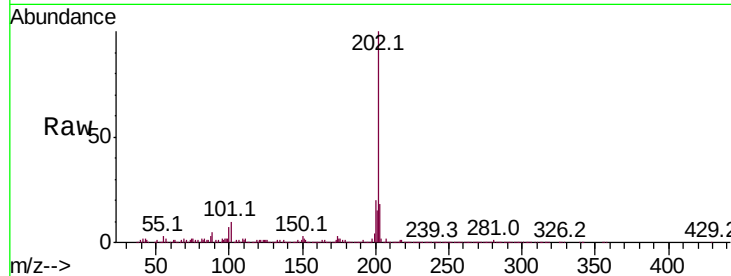




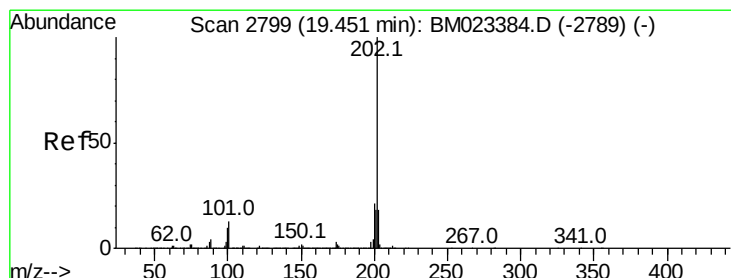
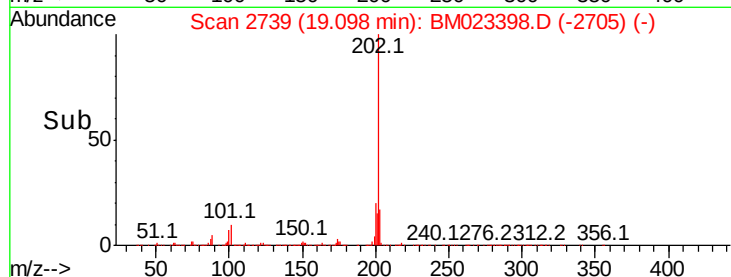
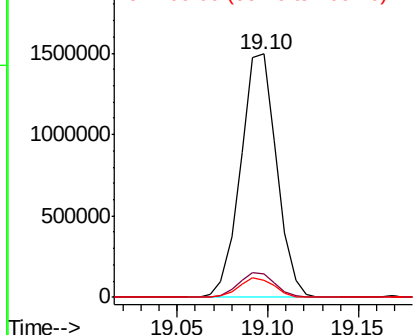
#77
 Fluoranthene
 Concen: 11.122 ng/ul
 RT: 19.10 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM023398.D
 Acq: 25 Oct 2019 06:36

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 2055144
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.1 12.1
 100 7.2 6.2 9.2

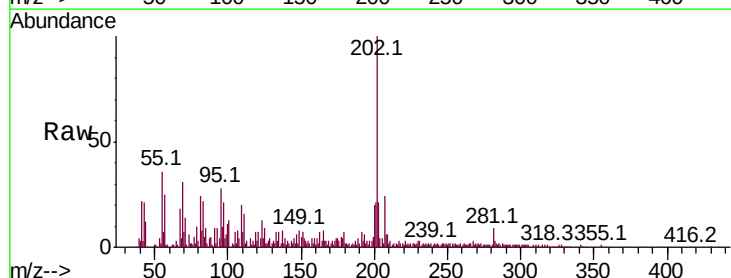


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

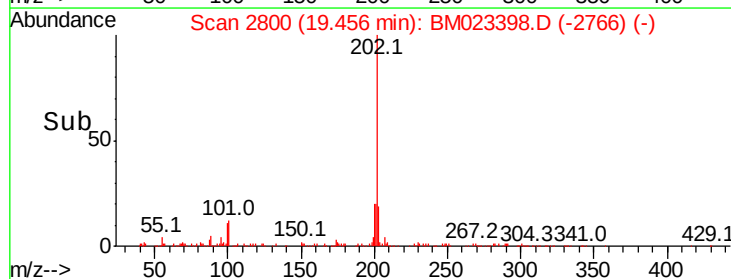
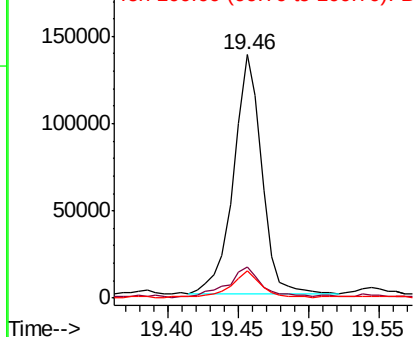


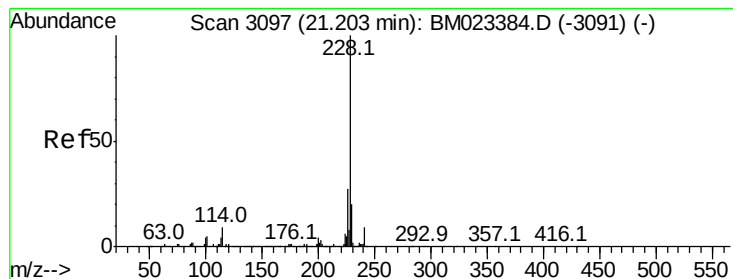
#80
 Pyrene
 Concen: 1.248 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM023398.D
 Acq: 25 Oct 2019 06:36

Tgt Ion:202 Resp: 192502
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.0 15.0
 100 11.1 8.3 12.5



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





#83

Benzo(a)anthracene

Concen: 2.092 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM023398.D

Acq: 25 Oct 2019 06:36

Instrument :

BNA_M

ClientSampleId :

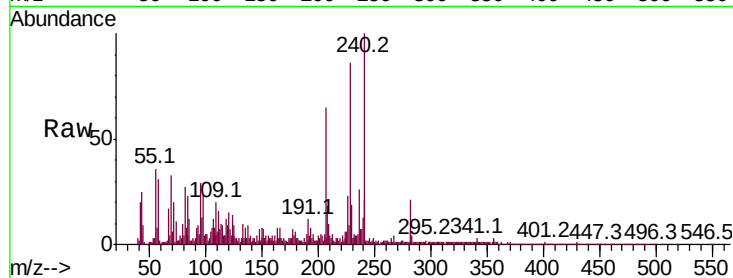
Tot Ion:228 Resp: 305715

Ion Ratio Lower Upper

228 100

229 22.4 15.8 23.8

226 26.4 21.6 32.4

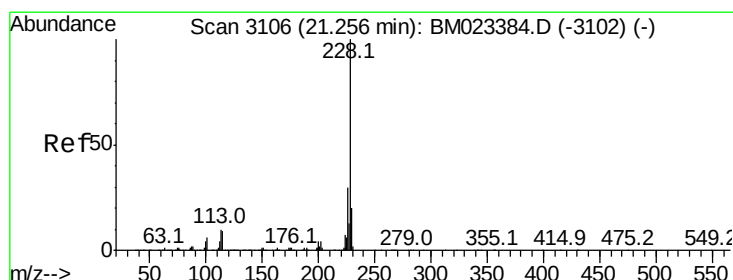
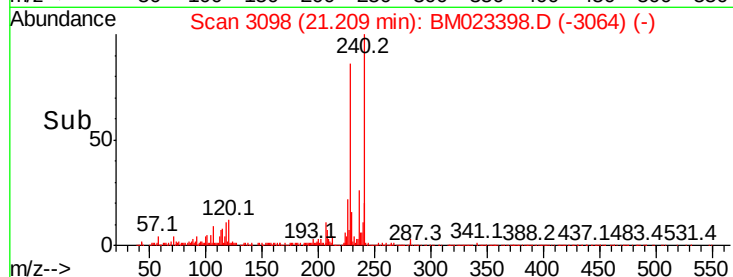
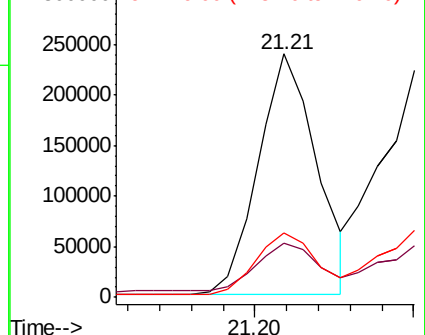


Abundance

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



#85

Chrysene

Concen: 4.854 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM023398.D

Acq: 25 Oct 2019 06:36

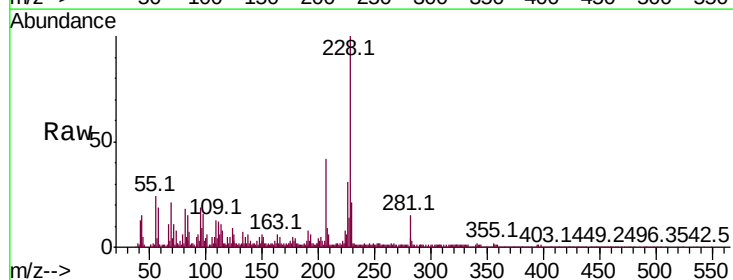
Tgt Ion:228 Resp: 654577

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

229 20.8 16.0 24.0

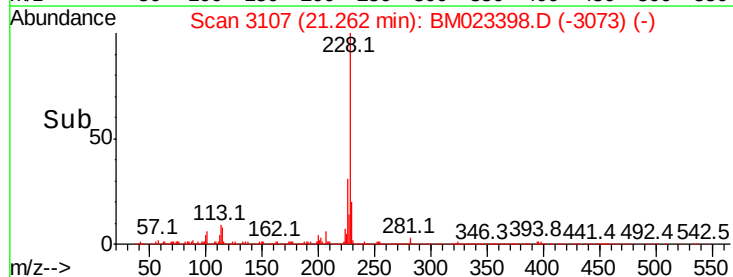
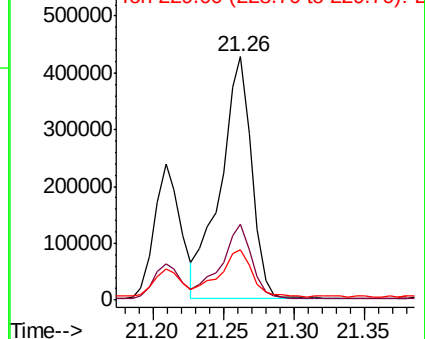


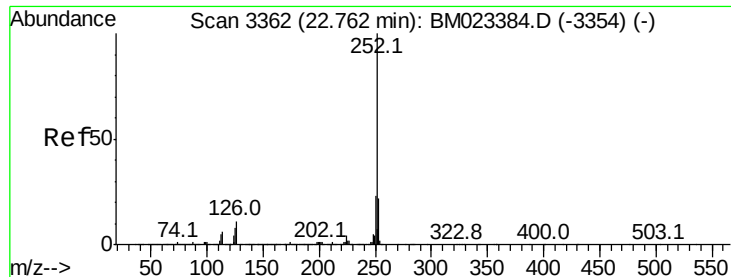
Abundance

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: 2.616 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BM023398.D

Acq: 25 Oct 2019 06:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 426119

Ion Ratio Lower Upper

252 100

253 26.1 17.5 26.3

125 19.4 7.1 10.7#

