

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023397.D
 Acq On : 25 Oct 2019 06:00
 Operator : JU
 Sample : K5403-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB96

Quant Time: Oct 25 12:17:20 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	624477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2462405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1380028	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2134984	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1705354	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2254815	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	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	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

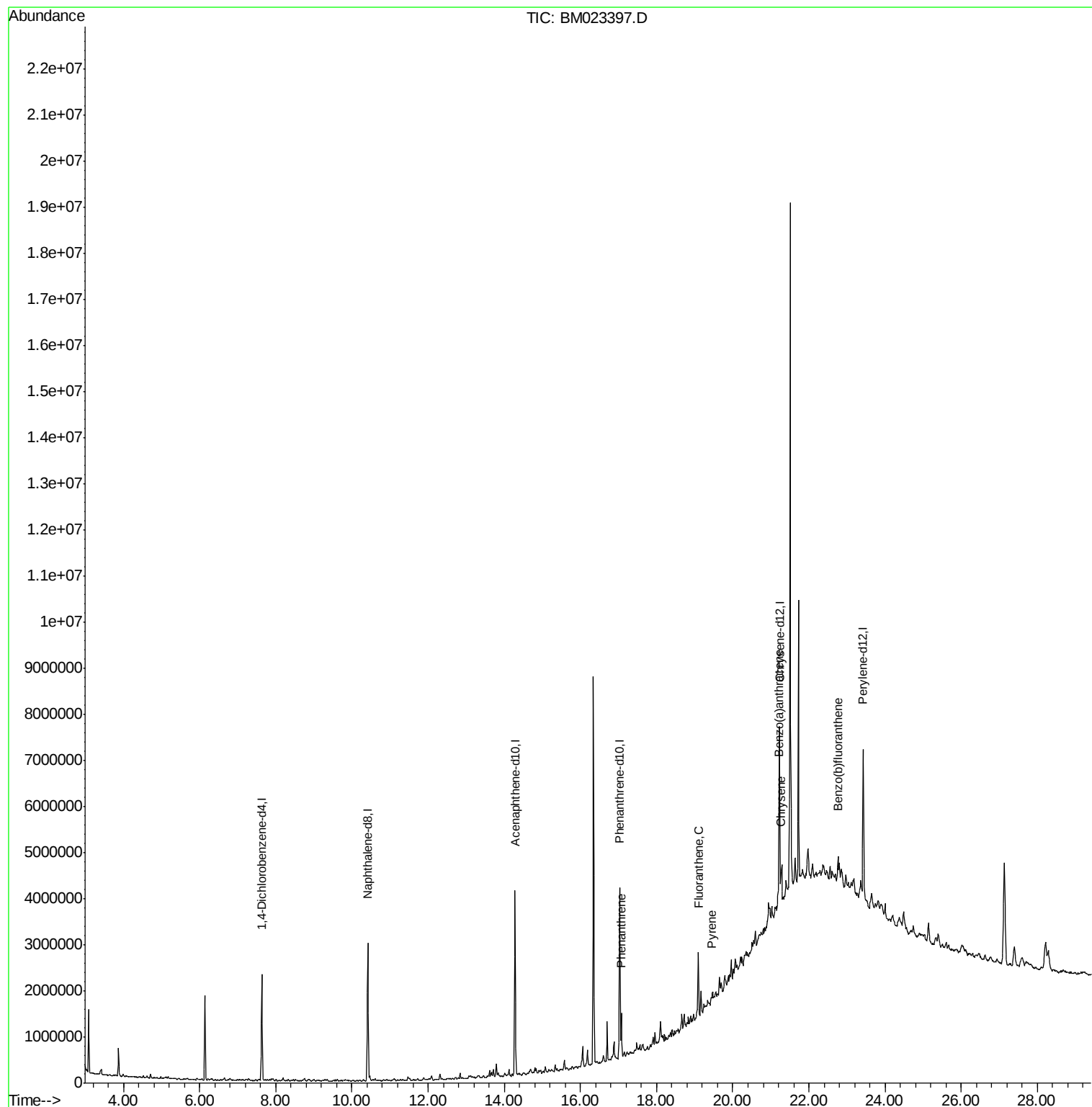
					Ovalue	
70) Phenanthrene	17.07	178	575466	4.823	ng/ul	99
77) Fluoranthene	19.10	202	827002	6.645	ng/ul	100
80) Pyrene	19.46	202	145070	1.205	ng/ul	99
83) Benzo(a)anthracene	21.21	228	190611	1.671	ng/ul	95
85) Chrysene	21.26	228	376400	3.577	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	220270	1.521	ng/ul#	66

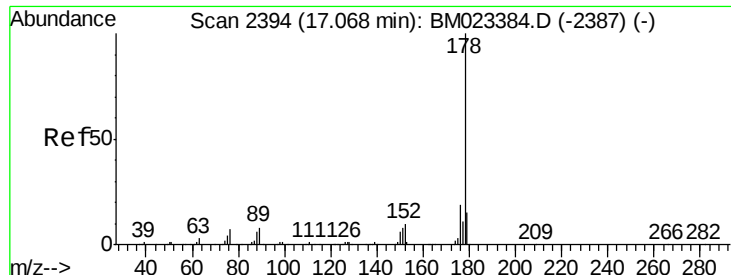
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.823 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM023397.D

Acq: 25 Oct 2019 06:00

Instrument :

BNA_M

ClientSampleId :

BFB96

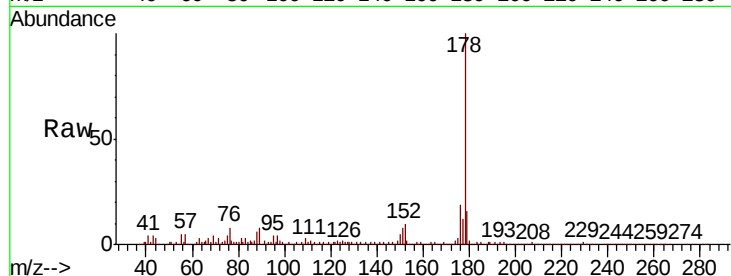
Tot Ion:178 Resp: 575466

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

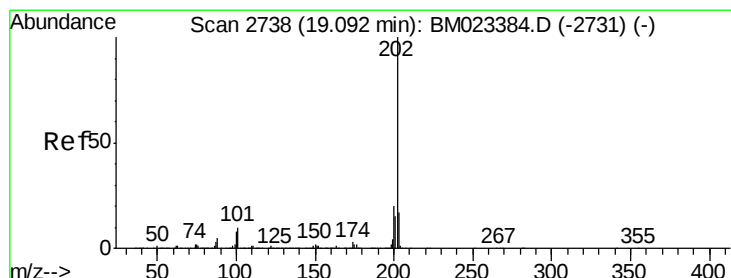
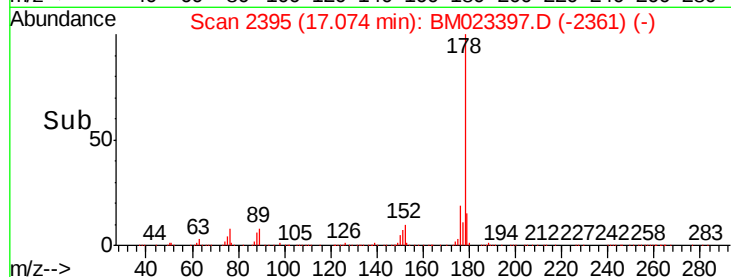
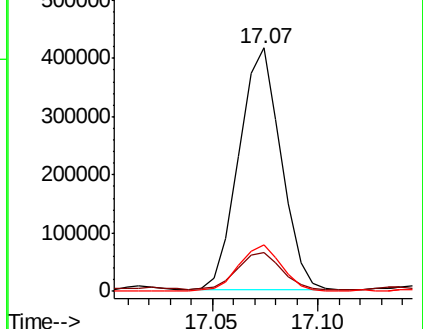
176 18.9 14.9 22.3



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: 6.645 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM023397.D

Acq: 25 Oct 2019 06:00

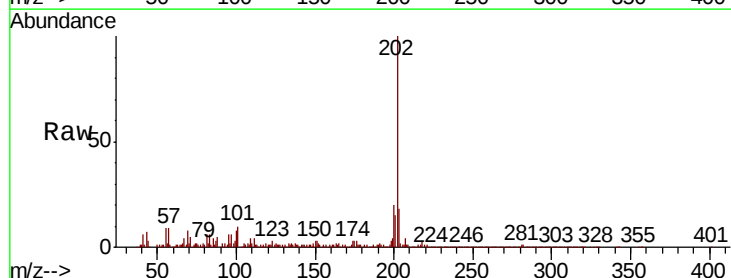
Tgt Ion:202 Resp: 827002

Ion Ratio Lower Upper

202 100

101 9.9 8.1 12.1

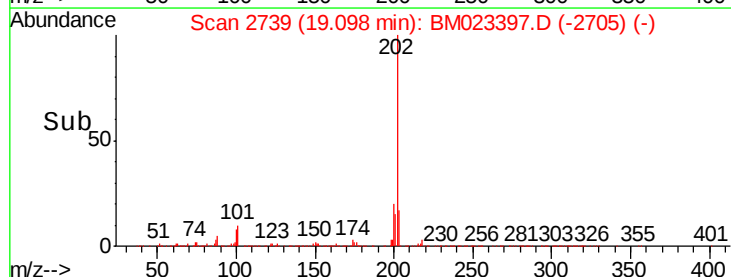
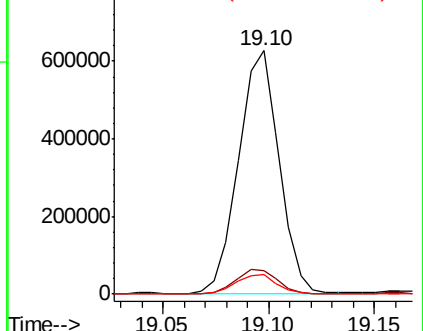
100 7.8 6.2 9.2

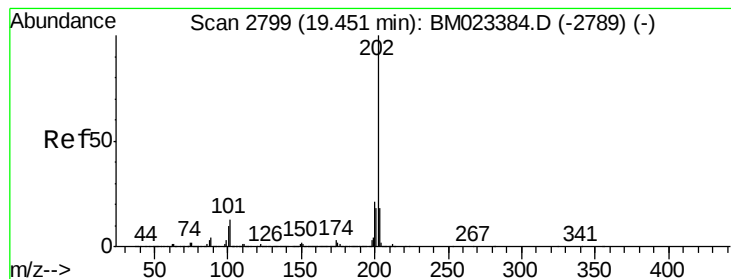


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 1.205 ng/ul

RT: 19.46 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BM023397.D

Acq: 25 Oct 2019 06:00

Instrument :

BNA_M

ClientSampleId :

BFB96

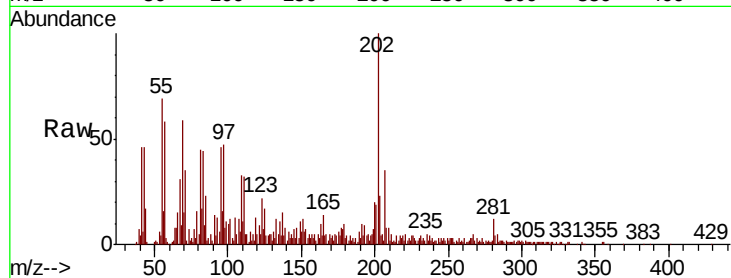
Tot Ion:202 Resp: 145070

Ion Ratio Lower Upper

202 100

101 12.5 10.0 15.0

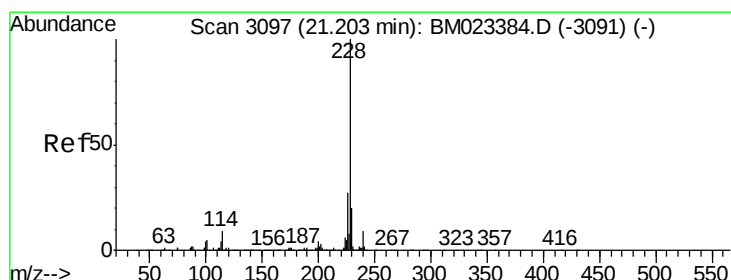
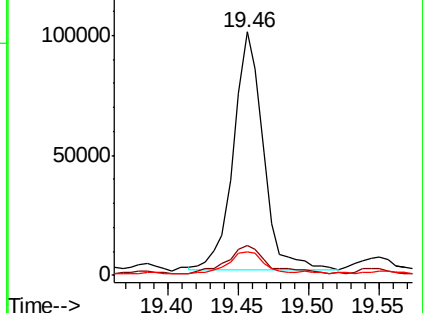
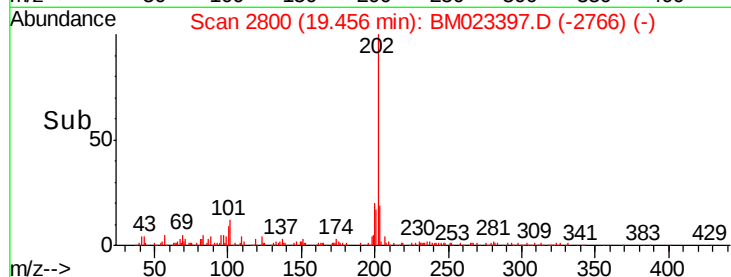
100 9.7 8.3 12.5



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: 1.671 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM023397.D

Acq: 25 Oct 2019 06:00

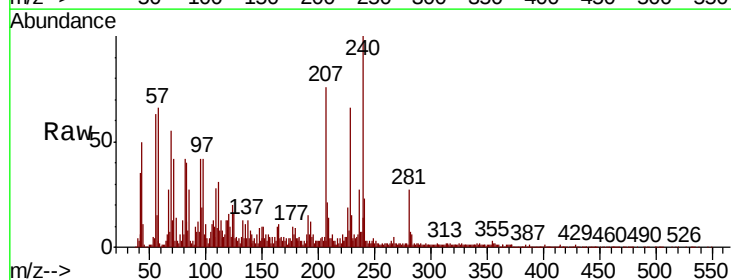
Tgt Ion:228 Resp: 190611

Ion Ratio Lower Upper

228 100

229 23.4 15.8 23.8

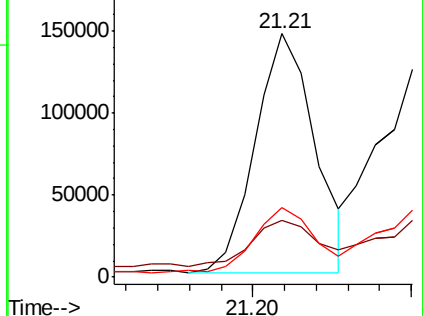
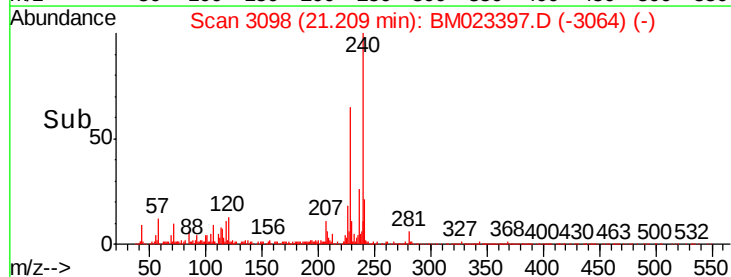
226 28.5 21.6 32.4

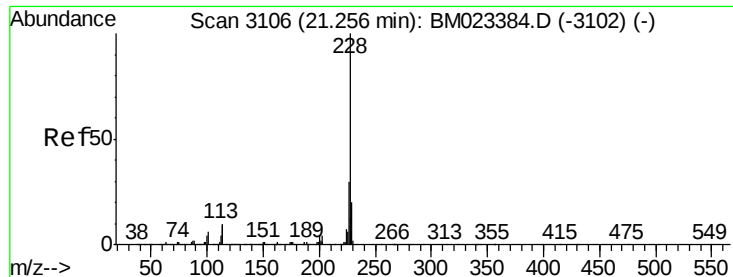


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

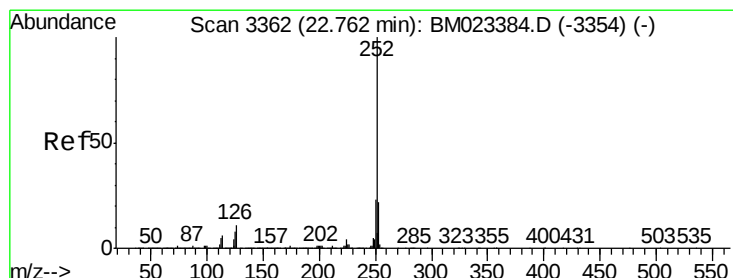
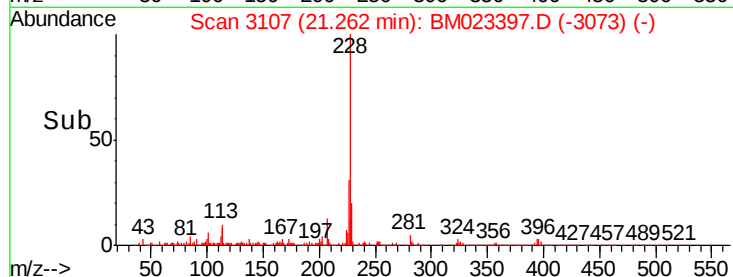
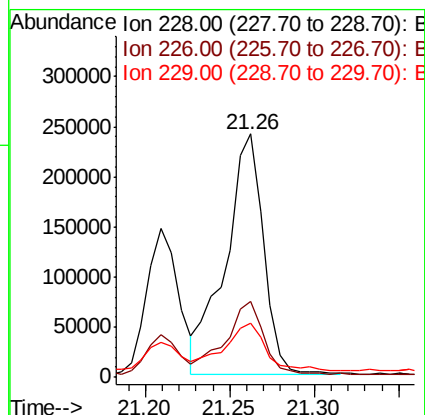
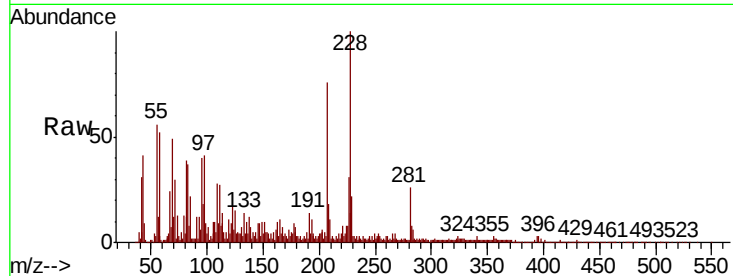




#85
Chrysene
Concen: 3.577 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023397.D
Acq: 25 Oct 2019 06:00

Instrument :
BNA_M
ClientSampleId :
BFB96

Tot Ion:228 Resp: 376400
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.3 16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 1.521 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM023397.D
Acq: 25 Oct 2019 06:00

Tgt Ion:252 Resp: 220270
Ion Ratio Lower Upper
252 100
253 30.9 17.5 26.3#
125 34.0 7.1 10.7#

