

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023395.D
 Acq On : 25 Oct 2019 04:49
 Operator : JU
 Sample : K5403-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 25 11:52:47 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	721435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2767719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1567631	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2475755	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2021442	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2608314	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	223	0.01	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.97	67	84	0.00	ng/ul	-0.01
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	8.87	128	435	0.02	ng/ul	0.09
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.16	165	118	0.00	ng/ul	0.12
29) 4-Chloroaniline-d4	10.55	131	367	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	14.52	143	140	0.01	ng/ul	0.03
58) Fluorene-d10	15.28	176	3366	0.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.03	188	2475755	21.16	ng/ul	-0.10
79) Pyrene-d10	19.43	212	2351	0.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	2599633	19.56	ng/ul	0.14

Target Compounds

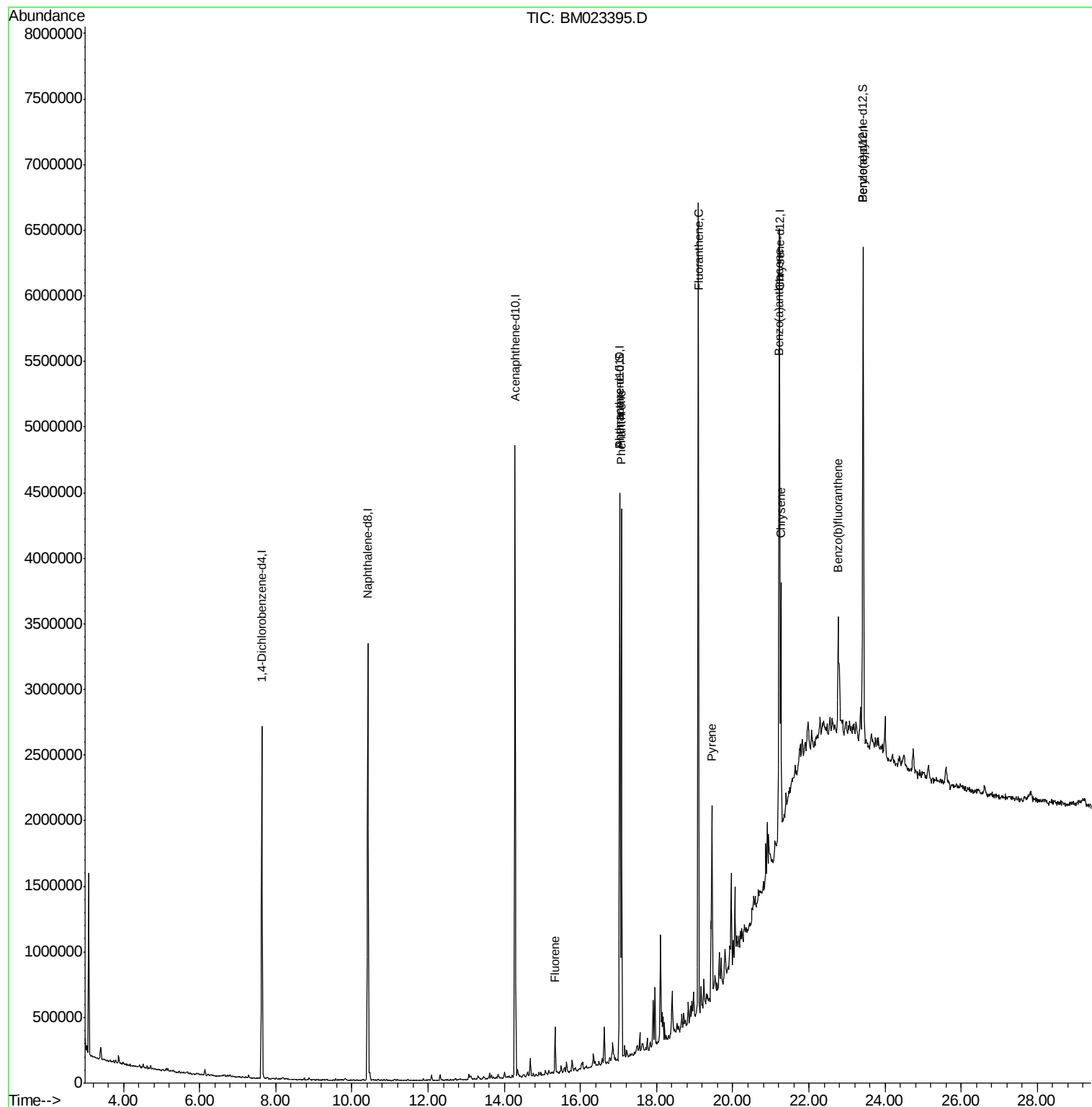
					Ovalue	
59) Fluorene	15.34	166	156453	1.347	ng/ul	98
70) Phenanthrene	17.07	178	2468942	17.845	ng/ul	100
77) Fluoranthene	19.10	202	3690591	25.573	ng/ul	99
80) Pyrene	19.46	202	888548	6.225	ng/ul	100
83) Benzo(a)anthracene	21.21	228	632371	4.678	ng/ul	99
85) Chrysene	21.26	228	1116451	8.950	ng/ul	99
88) Benzo(b)fluoranthene	22.77	252	630157	3.762	ng/ul#	96

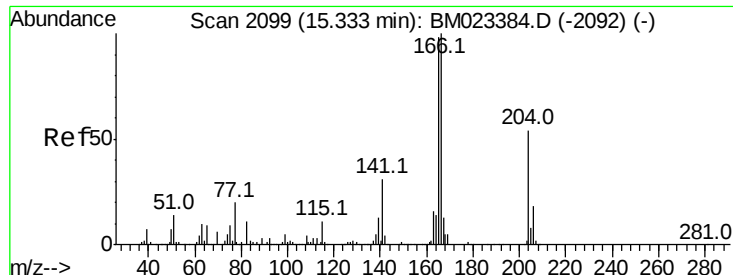
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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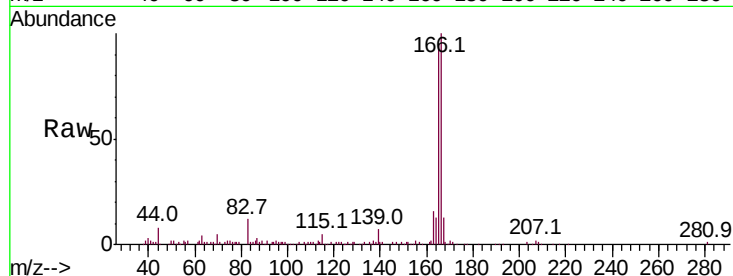




#59
Fluorene
Concen: 1.347 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BM023395.D
Acq: 25 Oct 2019 04:49

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.8	116.6
167	13.4	10.8	16.2

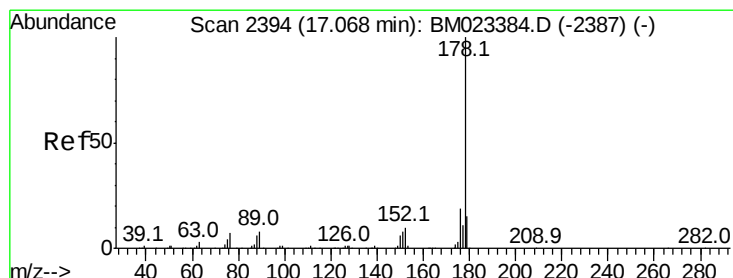
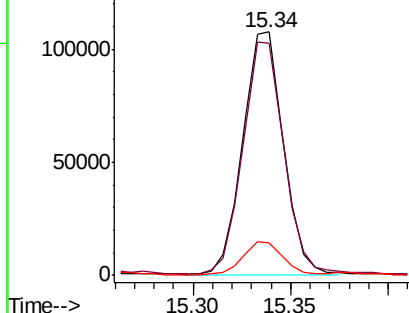
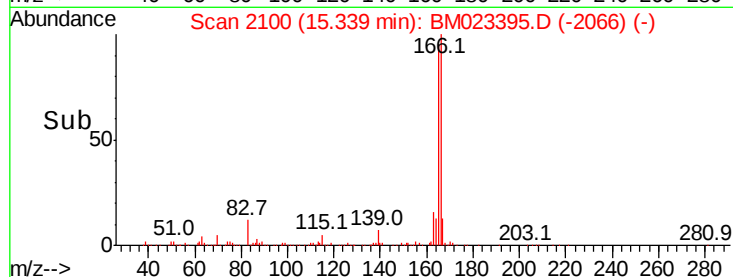


Abundance

Ion 166.00 (165.70 to 166.70): E

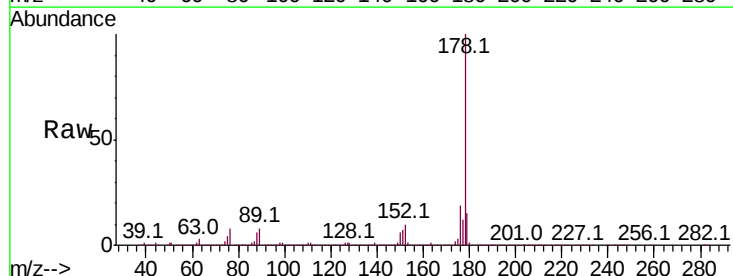
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
Phenanthrene
Concen: 17.845 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM023395.D
Acq: 25 Oct 2019 04:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.7	14.9	22.3

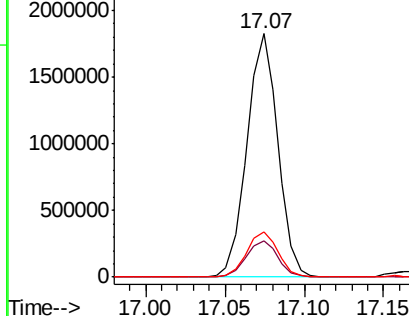
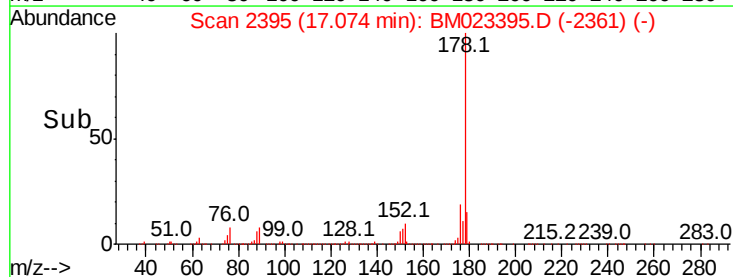


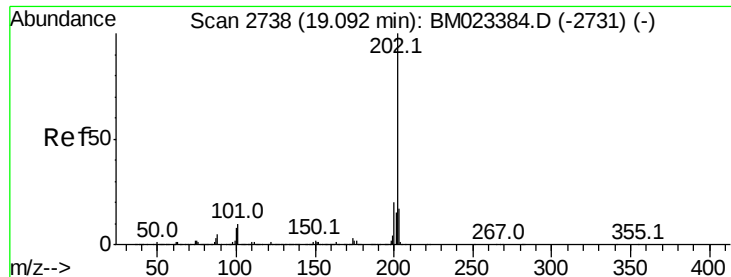
Abundance

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

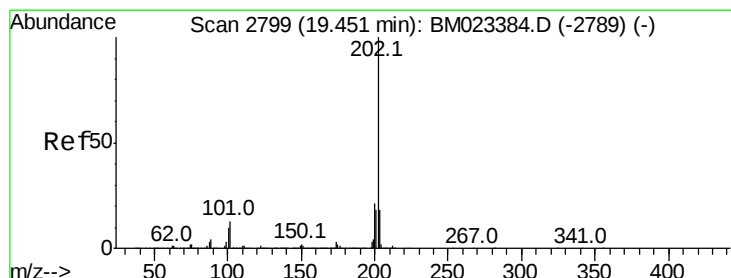
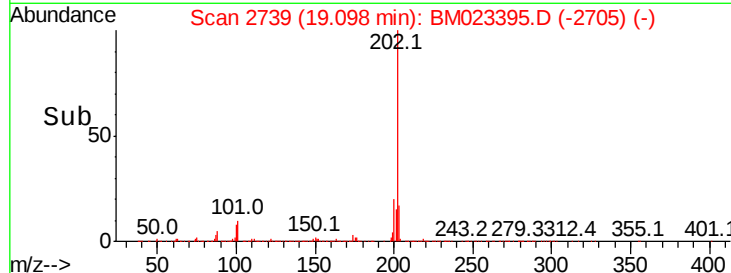
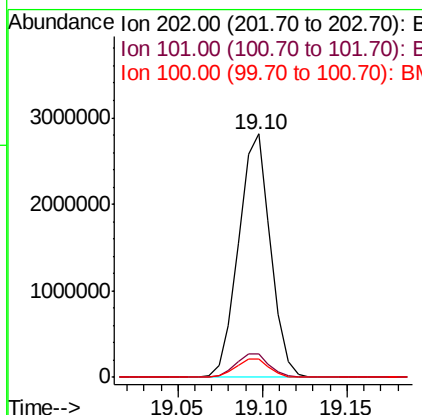
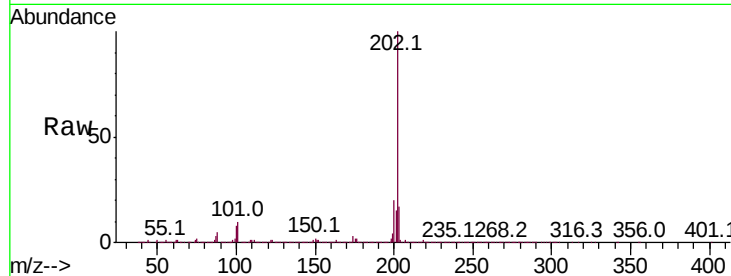




#77
 Fluoranthene
 Concen: 25.573 ng/ul
 RT: 19.10 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM023395.D
 Acq: 25 Oct 2019 04:49

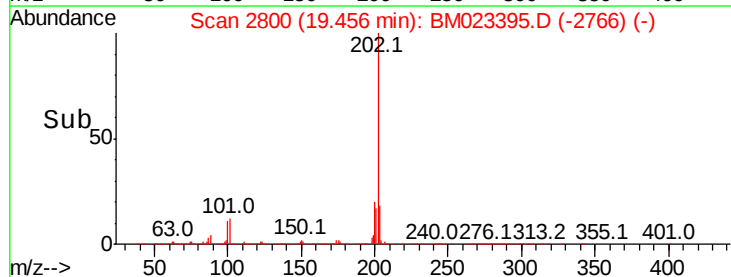
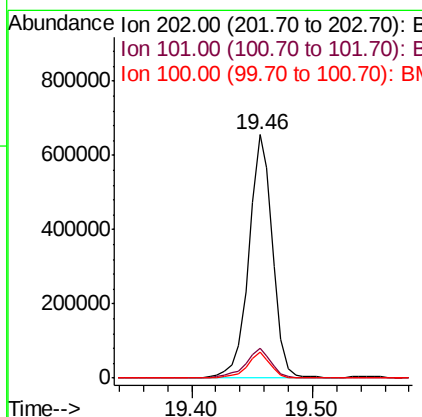
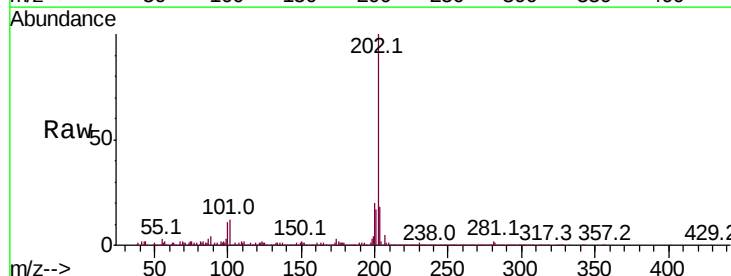
Instrument :
 BNA_M
 ClientSampleId :

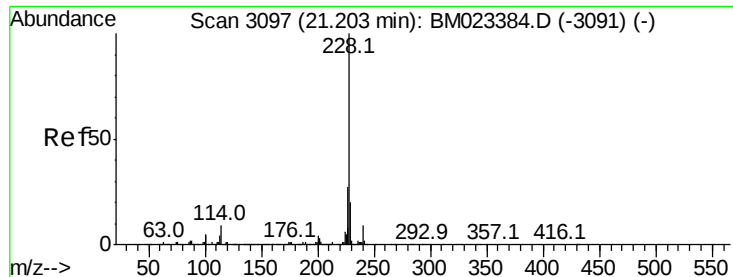
Tot Ion:202 Resp: 3690591
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.1 12.1
 100 7.5 6.2 9.2



#80
 Pyrene
 Concen: 6.225 ng/ul
 RT: 19.46 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM023395.D
 Acq: 25 Oct 2019 04:49

Tgt Ion:202 Resp: 888548
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.0 15.0
 100 10.6 8.3 12.5





#83

Benzo(a)anthracene

Concen: 4.678 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM023395.D

Acq: 25 Oct 2019 04:49

Instrument :

BNA_M

ClientSampleId :

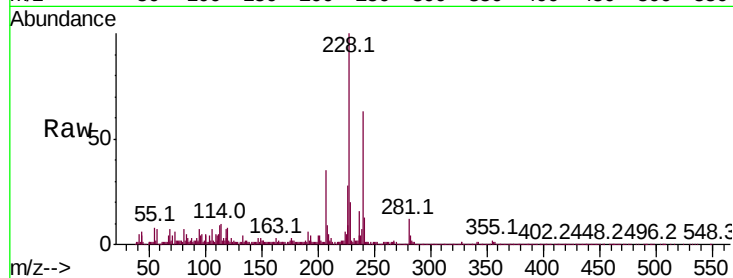
Tot Ion:228 Resp: 632371

Ion Ratio Lower Upper

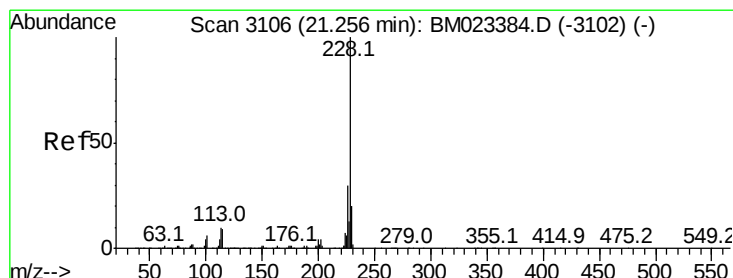
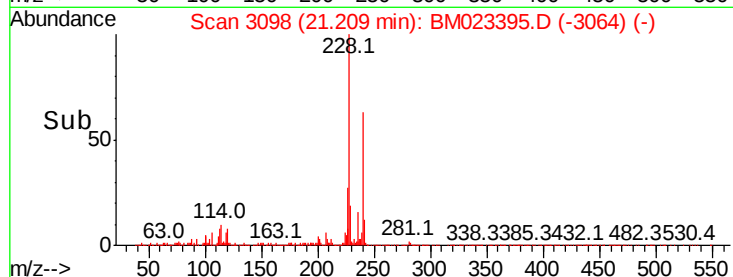
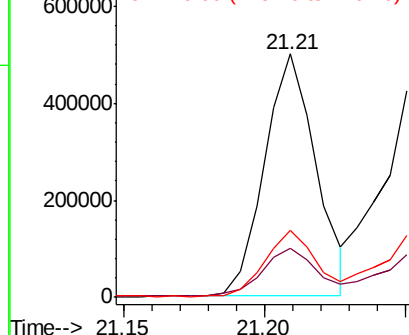
228 100

229 20.3 15.8 23.8

226 27.7 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: 8.950 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM023395.D

Acq: 25 Oct 2019 04:49

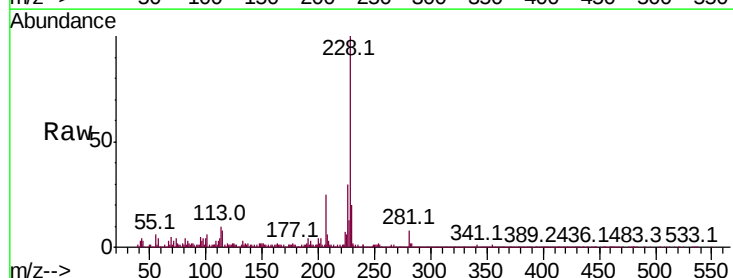
Tgt Ion:228 Resp: 1116451

Ion Ratio Lower Upper

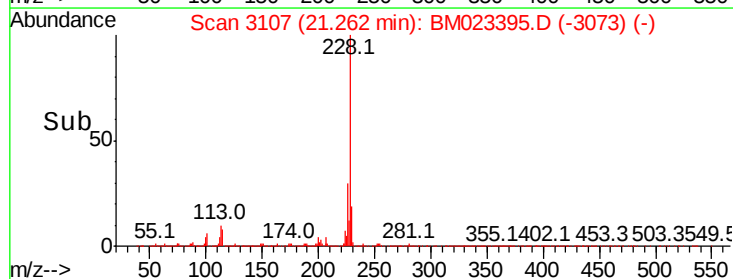
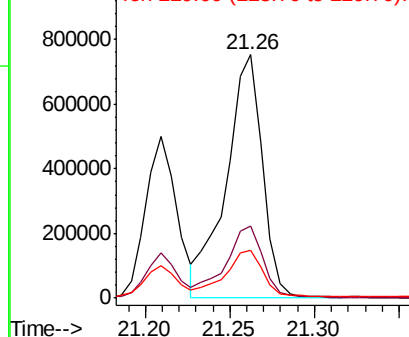
228 100

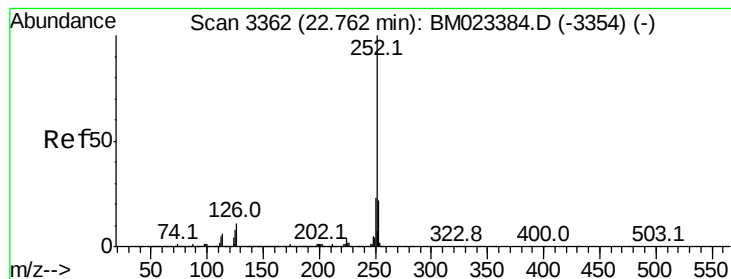
226 29.6 24.0 36.0

229 19.9 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: 3.762 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BM023395.D

Acq: 25 Oct 2019 04:49

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 630157

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 12.0 7.1 10.7#

