

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010338.D
 Acq On : 31 May 2017 18:56
 Operator : SJ/MA
 Sample : I3369-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Quant Time: Jun 01 01:28:35 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 01 01:28:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	332079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1159094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	710071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1679424	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2420504	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2560693	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	23397	2.89	ng/uL	0.00
5) Phenol-d5	7.11	99	376694	14.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	206611	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	315240	15.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	311149	15.33	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	141573	16.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	165396	16.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	336147	16.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	262002	13.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1257775	21.32	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1361731	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	149536	16.94	ng/ul	0.00
57) Fluorene-d10	15.54	176	1076869	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	210946	17.73	ng/ul	0.00
70) Anthracene-d10	17.40	188	1743303	21.33	ng/ul	0.00
76) Pyrene-d10	19.69	212	2361626	23.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2720219	22.82	ng/ul	0.00

Target Compounds

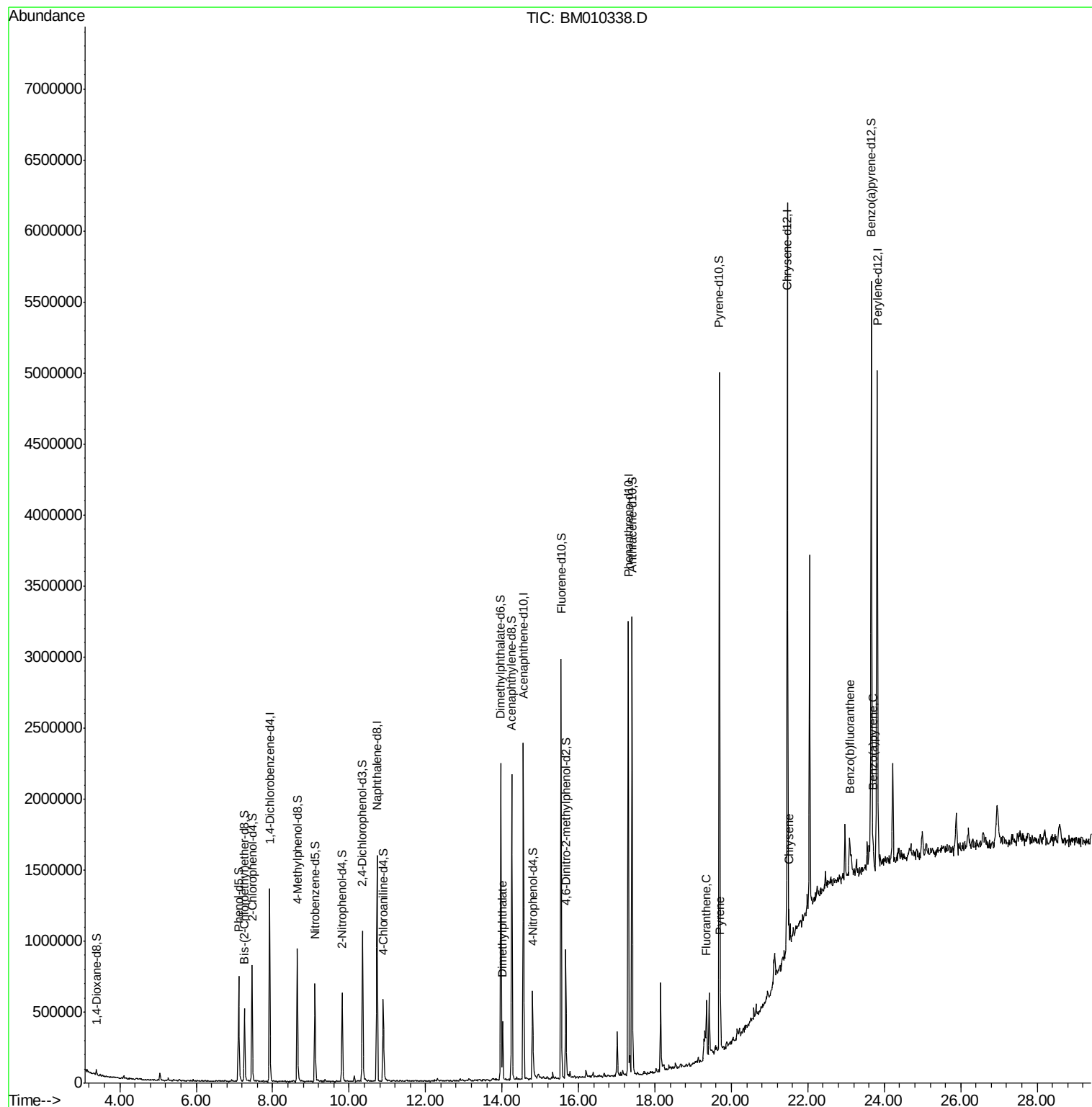
						Qvalue
44) Dimethylphthalate	14.02	163	215002	3.71	ng/ul#	99
74) Fluoranthene	19.35	202	218530	1.98	ng/ul	98
77) Pyrene	19.72	202	205124	1.64	ng/ul	99
82) Chrysene	21.50	228	145546	1.18	ng/ul	98
85) Benzo(b)fluoranthene	23.10	252	227164	1.52	ng/ul#	96
88) Benzo(a)pyrene	23.71	252	160736	1.09	ng/ul#	86

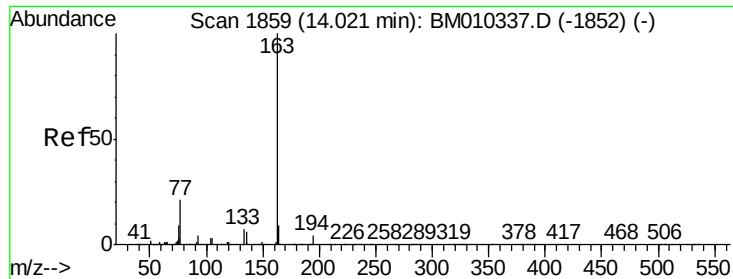
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 3.71 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM010338.D

Acq: 31 May 2017 18:56

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BNA_M

ClientSampleId :

C0AA6

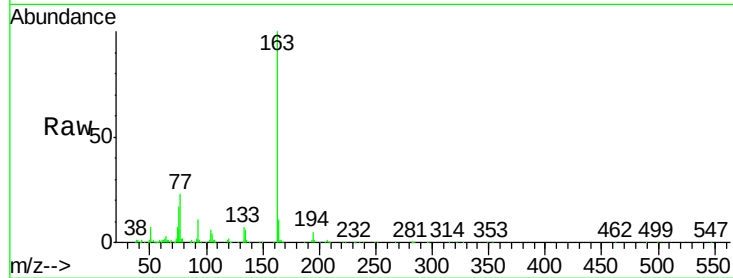
Tgt Ion:163 Resp: 215002

Ion Ratio Lower Upper

163 100

194 5.3 3.5 5.3#

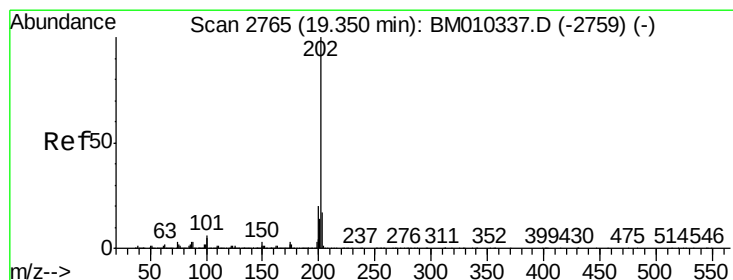
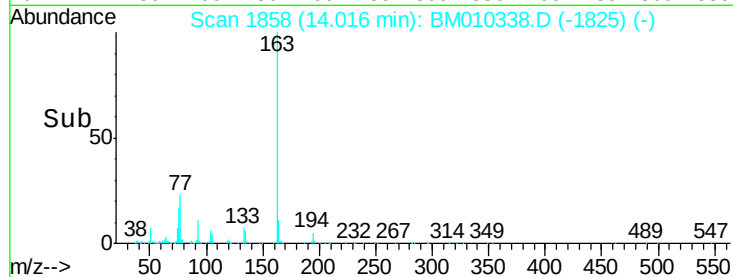
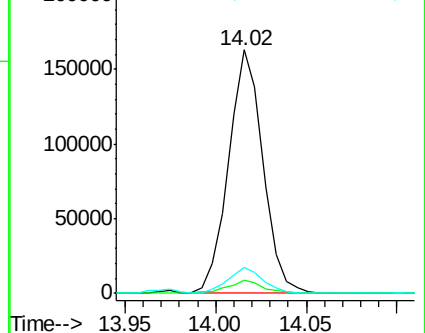
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.98 ng/ul

RT: 19.35 min Scan# 2765

Delta R.T. 0.00 min

Lab File: BM010338.D

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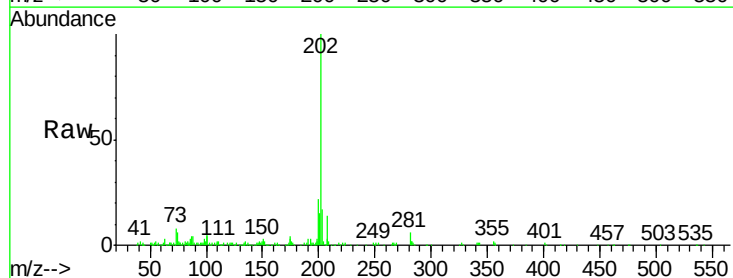
Tgt Ion:202 Resp: 218530

Ion Ratio Lower Upper

202 100

101 4.7 4.6 7.0

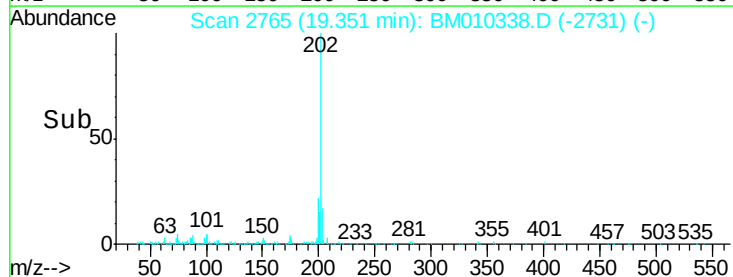
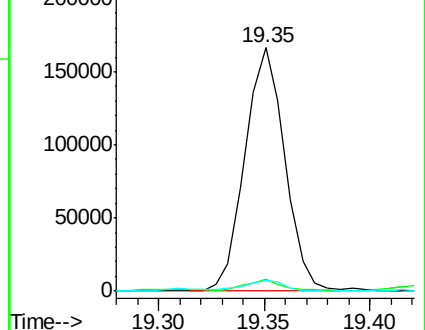
100 4.3 3.4 5.2

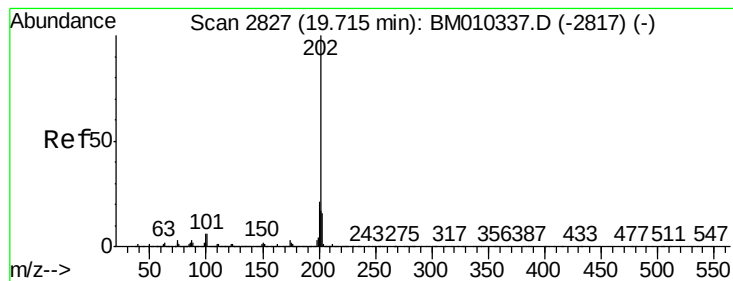


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.64 ng/ul

RT: 19.72 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM010338.D

Acq: 31 May 2017 18:56

Instrument :

BNA_M

ClientSampleId :

C0AA6

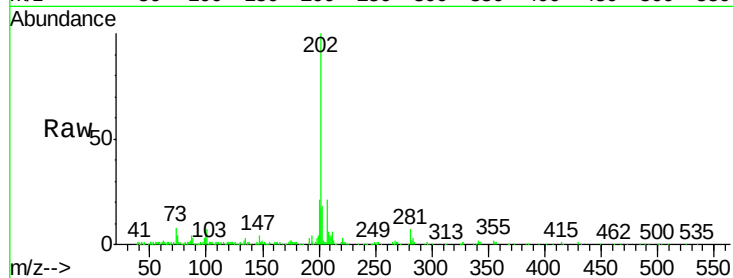
Tgt Ion:202 Resp: 205124

Ion Ratio Lower Upper

202 100

101 7.0 5.1 7.7

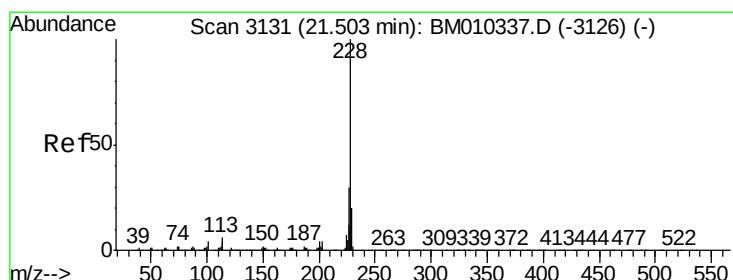
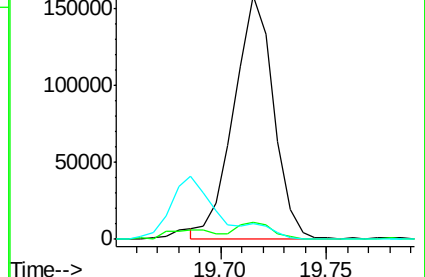
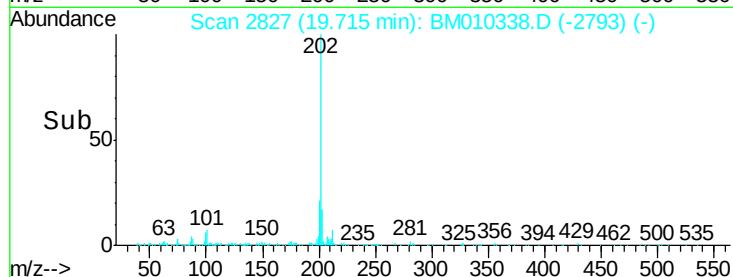
100 6.3 4.9 7.3



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



#82

Chrysene

Concen: 1.18 ng/ul

RT: 21.50 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BM010338.D

Acq: 31 May 2017 18:56

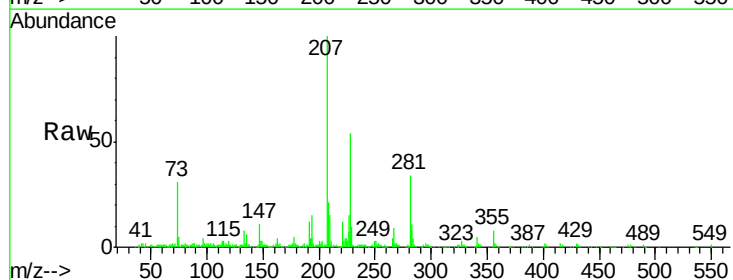
Tgt Ion:228 Resp: 145546

Ion Ratio Lower Upper

228 100

226 28.4 23.4 35.2

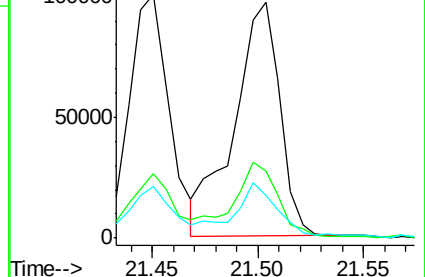
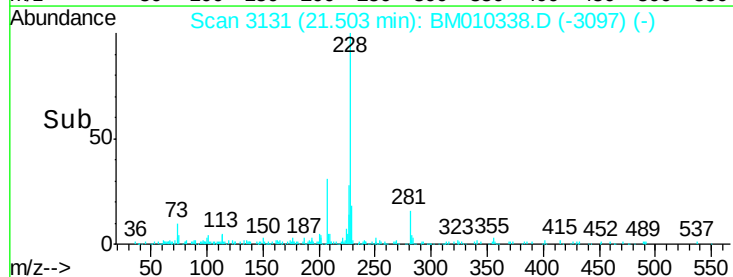
229 18.0 15.5 23.3

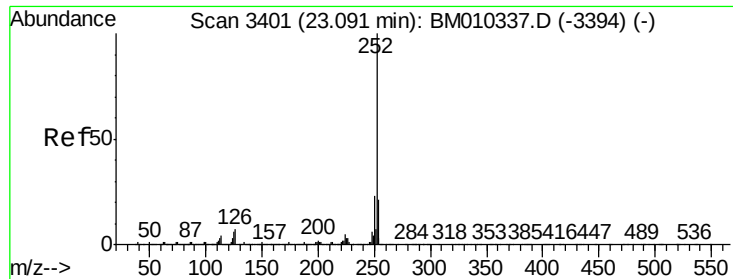


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.52 ng/ul

RT: 23.10 min Scan# 3402

Delta R.T. 0.01 min

Lab File: BM010338.D

Acq: 31 May 2017 18:56

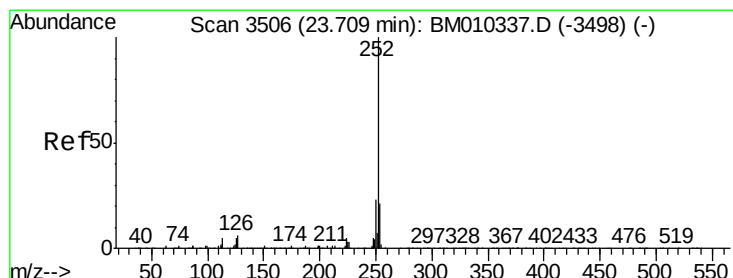
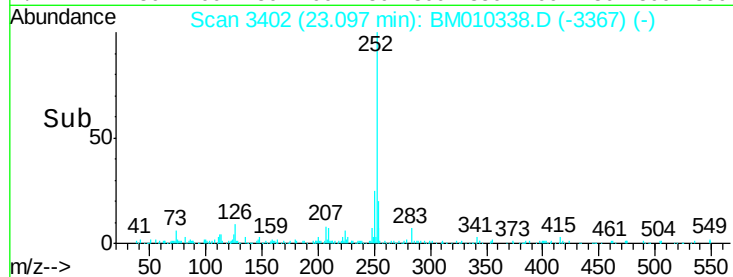
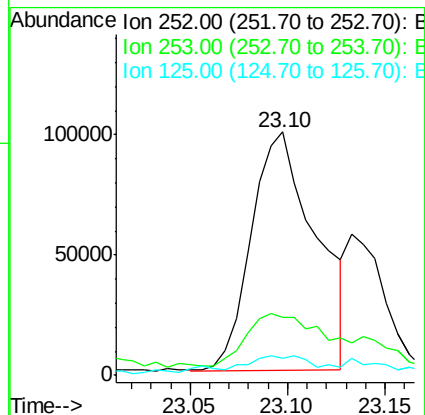
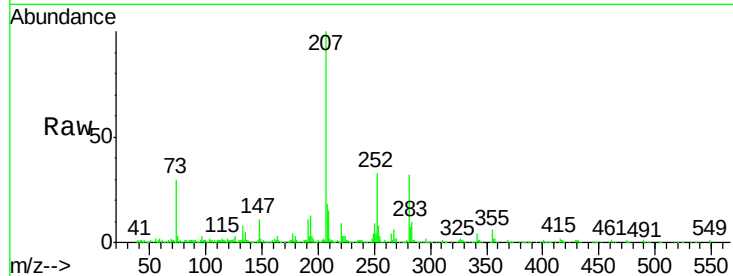
Instrument :

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C0AA6

Tgt Ion:	252	Resp:	227164
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	6.8	3.6	5.4#



#88

Benzo(a)pyrene

Concen: 1.09 ng/ul

RT: 23.71 min Scan# 3506

Delta R.T. 0.00 min

Lab File: BM010338.D

Acq: 31 May 2017 18:56

Tgt Ion:	252	Resp:	160736
Ion Ratio	Lower	Upper	
252	100		
253	29.6	18.2	27.2#
125	9.6	4.0	6.0#

