

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021215.D
 Acq On : 27 Jun 2019 14:07
 Operator : HP/JU
 Sample : K3502-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD1

Quant Time: Jul 01 01:38:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 15:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	223424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	994273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	651162	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1460051	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1065115	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1144066	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8403	1.79	ng/uL	0.00
5) Phenol-d5	6.93	99	234059	12.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	145185	12.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	185565	11.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	203096	12.51	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	119956	14.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	140332	15.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	274615	15.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	331065	17.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1273660	21.65	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1323720	18.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	154046	16.10	ng/ul	0.00
57) Fluorene-d10	15.40	176	1079987	21.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	151344	16.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	1809668	23.85	ng/ul	0.00
78) Pyrene-d10	19.54	212	1894172	29.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1869649	27.70	ng/ul	0.00

Target Compounds

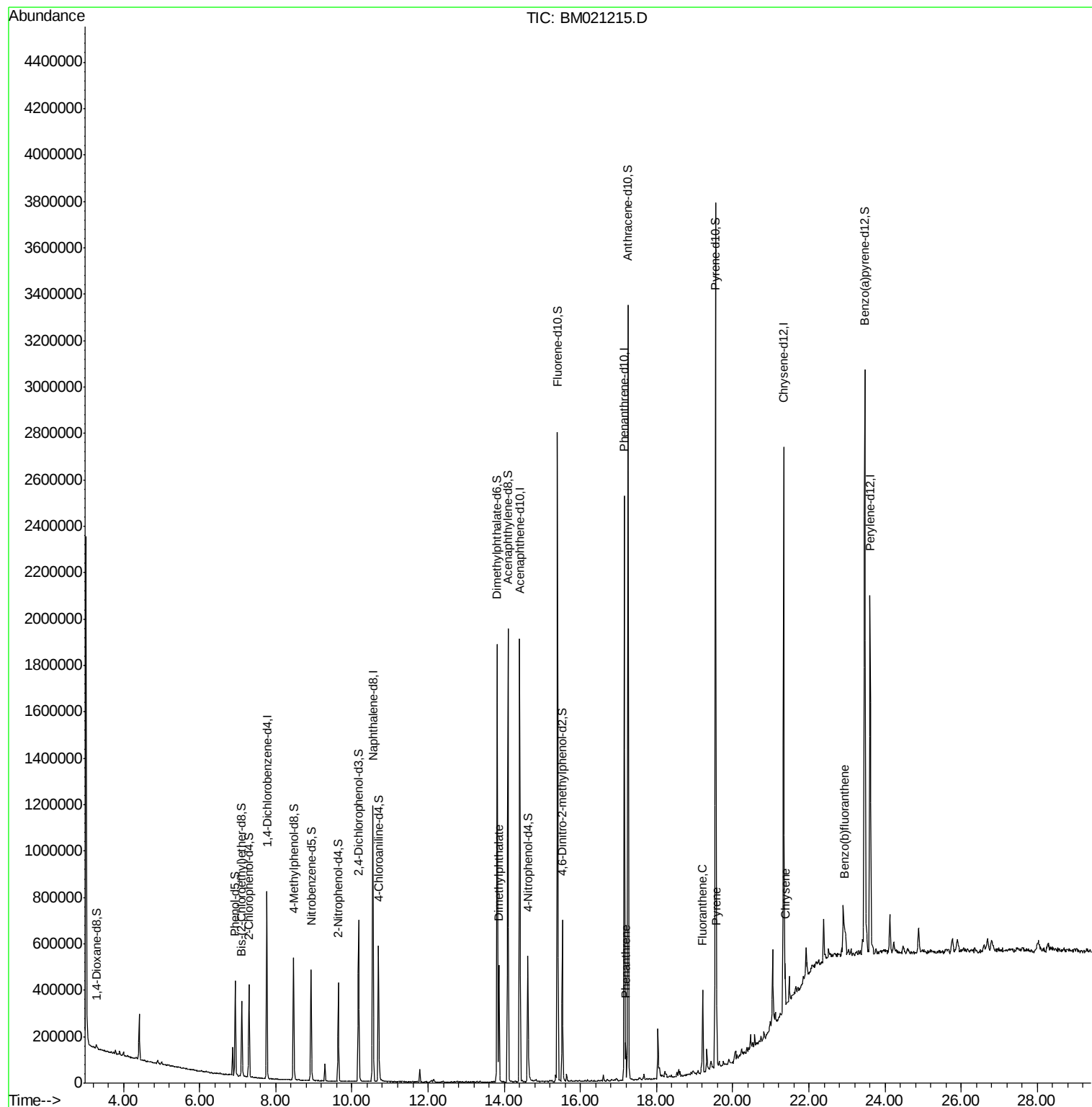
					Ovalue
44) Dimethylphthalate	13.86	163	332013	6.199 ng/ul	100
69) Phenanthrene	17.19	178	101649	1.259 ng/ul	97
76) Fluoranthene	19.21	202	208202	2.386 ng/ul	99
79) Pyrene	19.57	202	177005	2.351 ng/ul	99
84) Chrysene	21.37	228	92334	1.358 ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	110163	1.520 ng/ul#	96

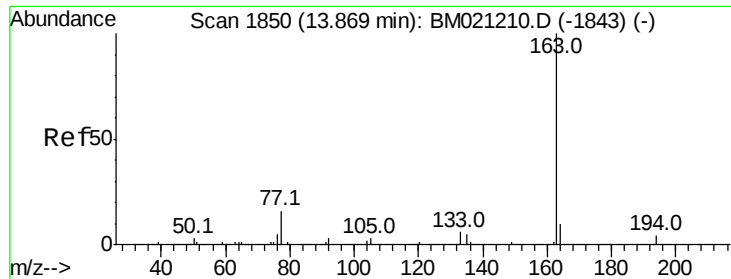
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.199 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM021215.D

Acq: 27 Jun 2019 14:07

Instrument :

BNA_M

ClientSampleId :

C5AD1

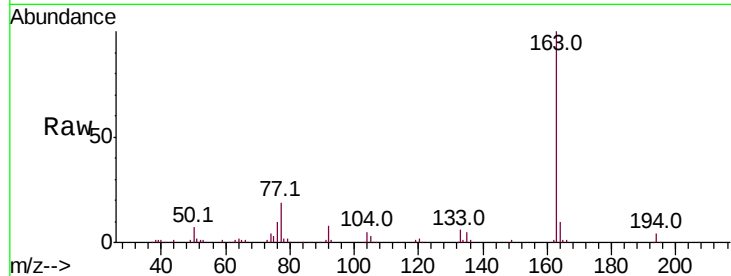
Tot Ion:163 Resp: 332013

Ion Ratio Lower Upper

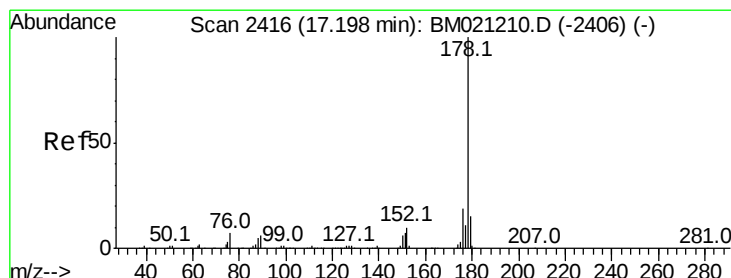
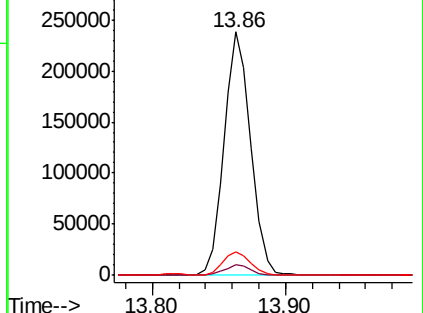
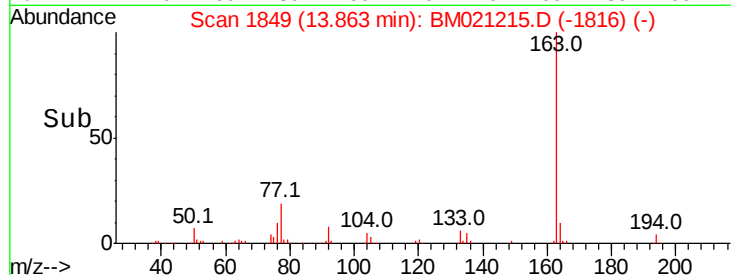
163 100

194 4.3 3.4 5.2

164 9.7 7.7 11.5



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



#69

Phenanthrene

Concen: 1.259 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM021215.D

Acq: 27 Jun 2019 14:07

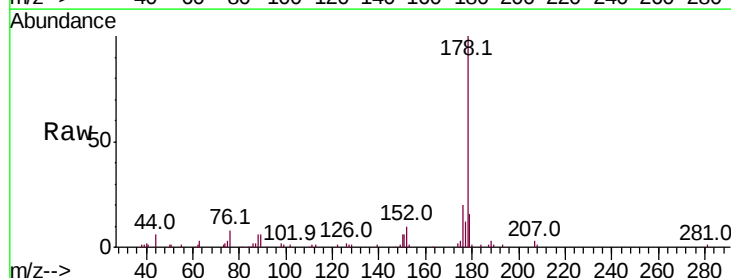
Tgt Ion:178 Resp: 101649

Ion Ratio Lower Upper

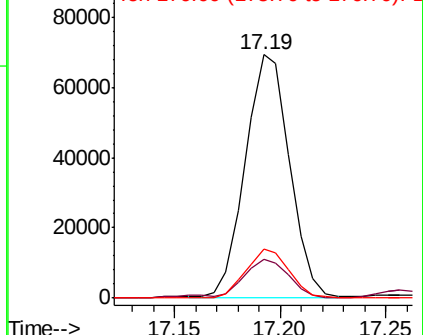
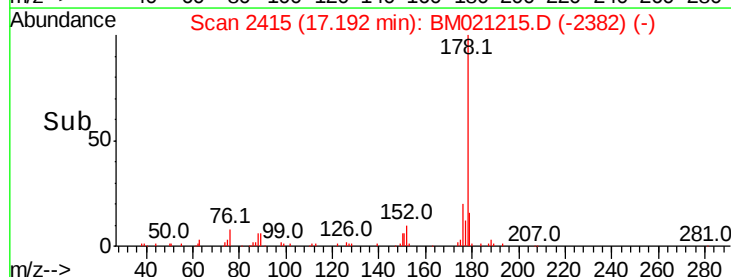
178 100

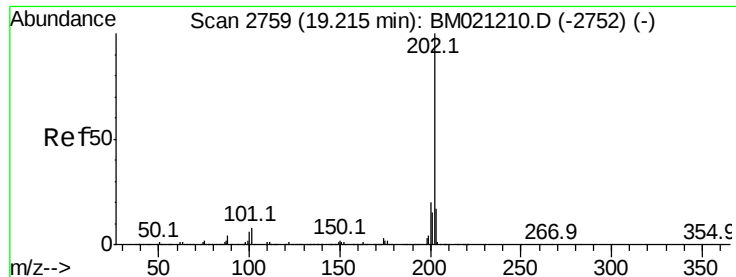
179 16.1 11.8 17.8

176 20.1 15.0 22.6



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

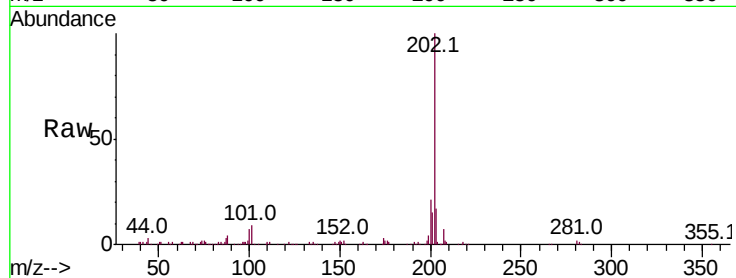




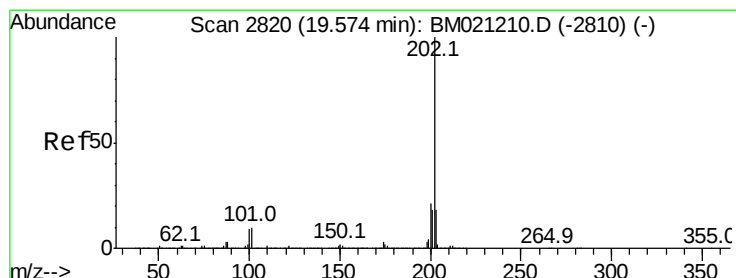
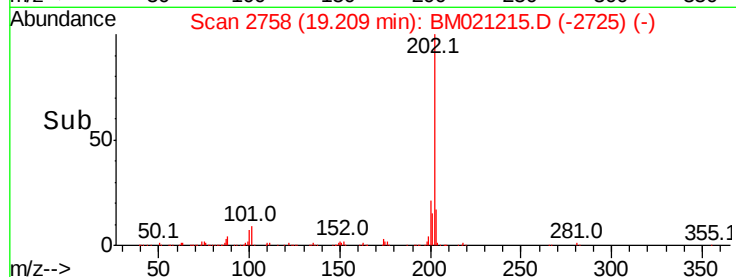
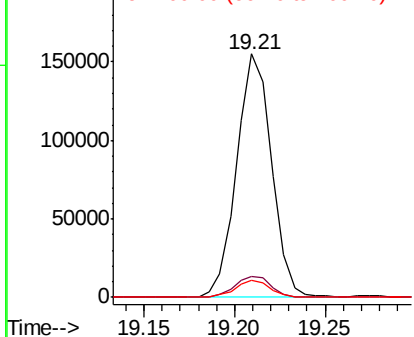
#76
Fluoranthene
Concen: 2.386 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021215.D
Acq: 27 Jun 2019 14:07

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Tot Ion:	202	Resp:	208202
Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	7.3	5.5	8.3

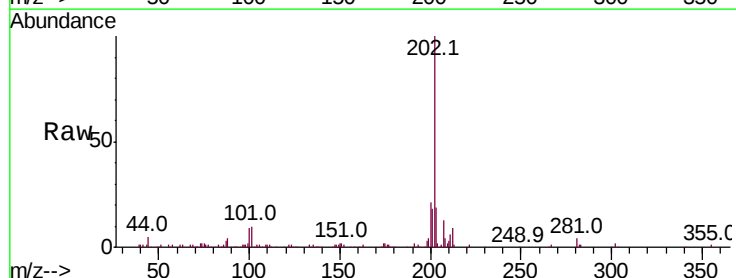


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

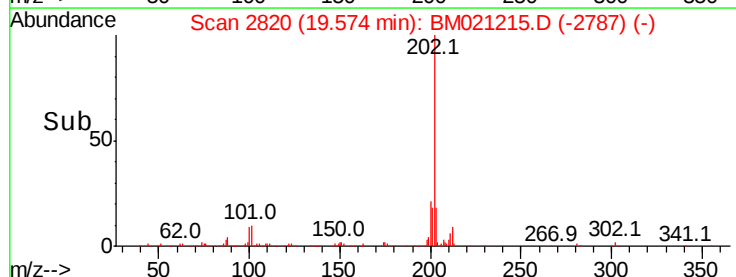
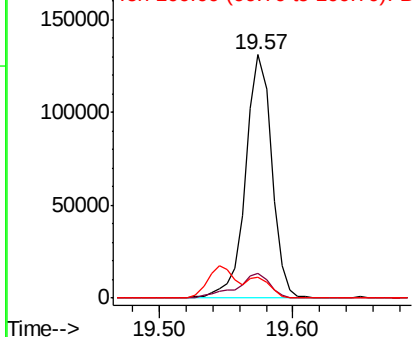


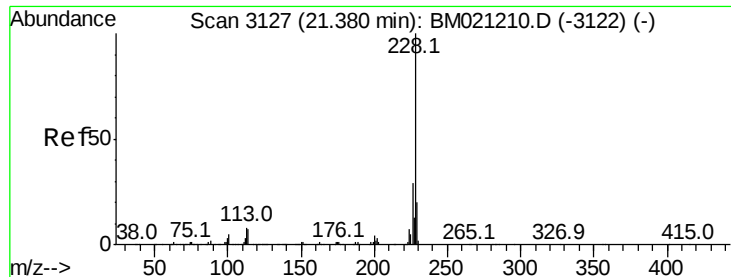
#79
Pyrene
Concen: 2.351 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021215.D
Acq: 27 Jun 2019 14:07

Tgt Ion:	202	Resp:	177005
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.8	6.6	10.0



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





#84

Chrysene

Concen: 1.358 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM021215.D

Acq: 27 Jun 2019 14:07

Instrument :

BNA_M

ClientSampleId :

C5AD1

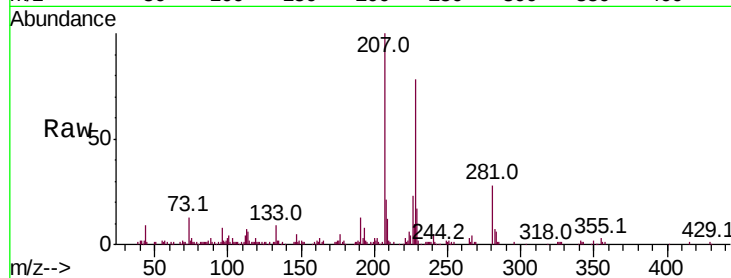
Tot Ion:228 Resp: 92334

Ion Ratio Lower Upper

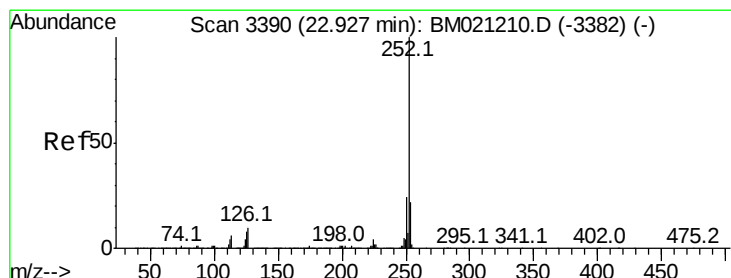
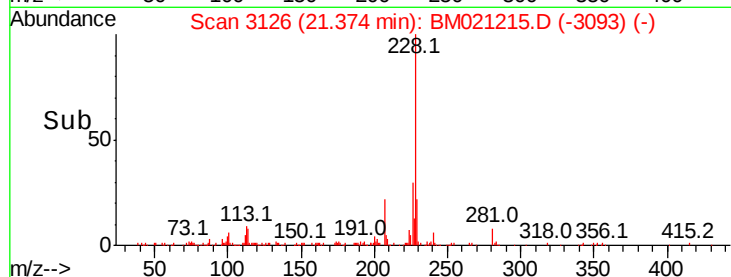
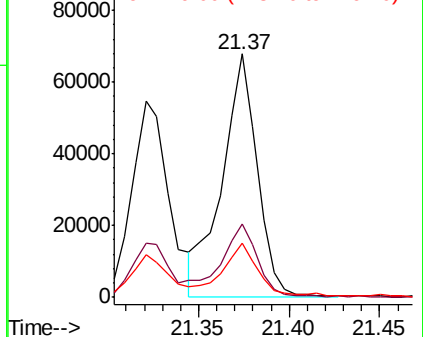
228 100

226 29.9 23.9 35.9

229 22.2 15.4 23.2



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



#87

Benzo(b)fluoranthene

Concen: 1.520 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021215.D

Acq: 27 Jun 2019 14:07

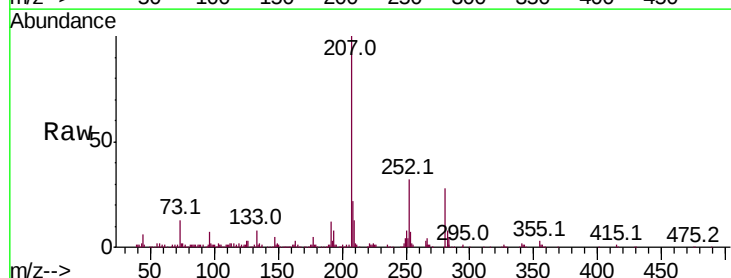
Tgt Ion:252 Resp: 110163

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.8 6.3 9.5#



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

