

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020468.D
 Acq On : 21 May 2019 20:07
 Operator : JU/SJ
 Sample : K2923-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4260

Quant Time: May 22 04:57:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	56214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	207659	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	118800	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	288954	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	318851	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	379066	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6723	4.41	ng/uL	0.00
5) Phenol-d5	6.89	99	87676	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	57045	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	69611	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	55044	16.85	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	29950	22.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	31412	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	62299	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	56864	17.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	188472	22.05	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	234040	21.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	8618	6.94	ng/ul	0.00
57) Fluorene-d10	15.37	176	168450	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	17295	10.51	ng/ul	0.00
70) Anthracene-d10	17.23	188	265350	21.41	ng/ul	0.00
78) Pyrene-d10	19.53	212	343378	22.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	376751	21.87	ng/ul	0.00

Target Compounds

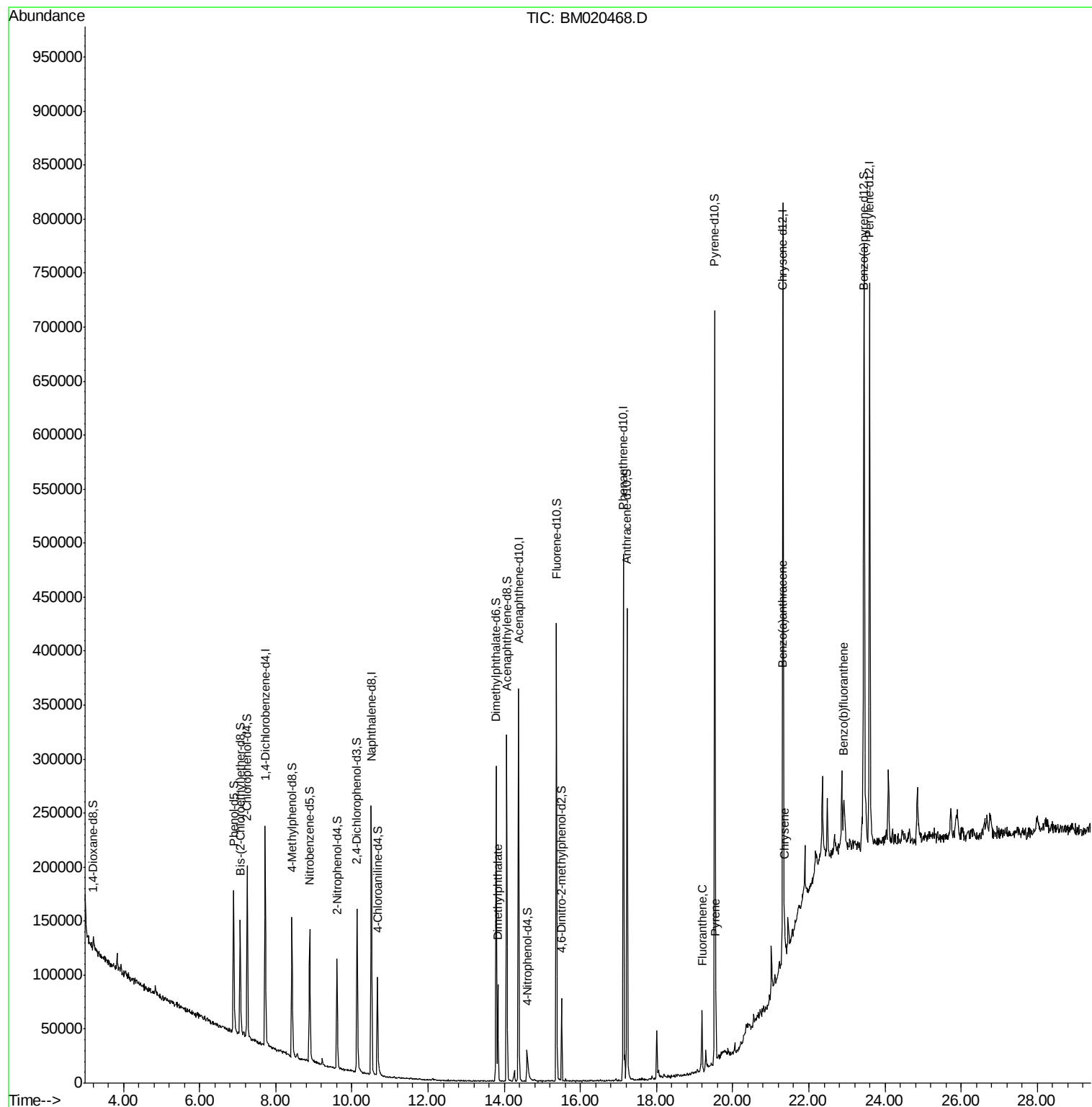
					Qvalue
44) Dimethylphthalate	13.83	163	55757	6.594 ng/ul	97
76) Fluoranthene	19.19	202	34413	1.979 ng/ul	98
79) Pyrene	19.56	202	33534	1.752 ng/ul#	95
82) Benzo(a)anthracene	21.30	228	19951	1.040 ng/ul	95
84) Chrysene	21.36	228	21968	1.198 ng/ul	94
87) Benzo(b)fluoranthene	22.91	252	32263	1.491 ng/ul#	97

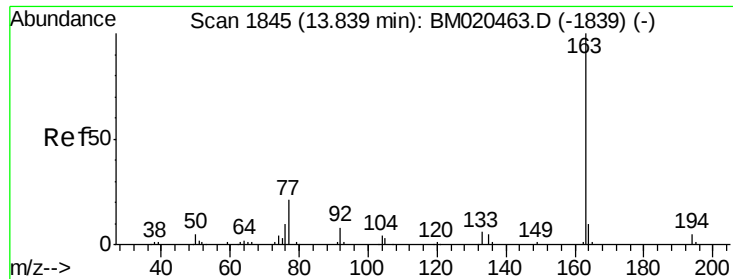
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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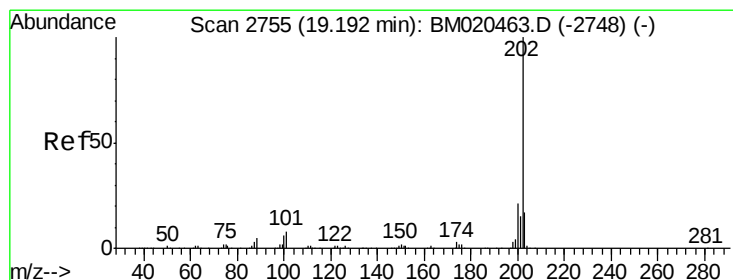
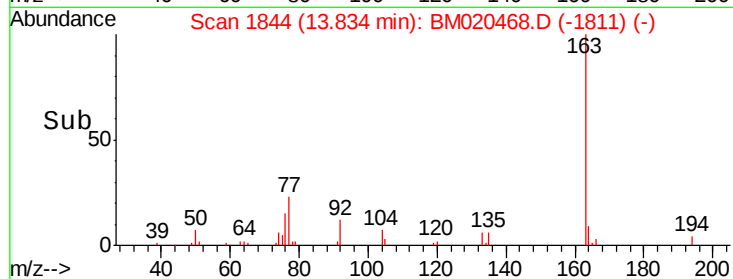
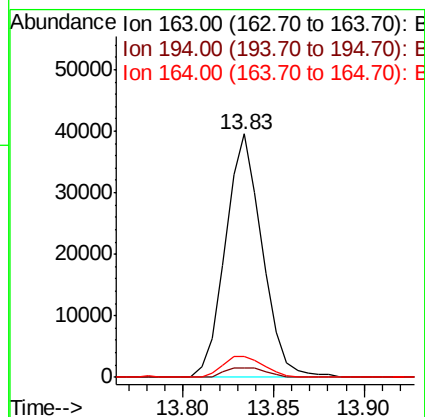
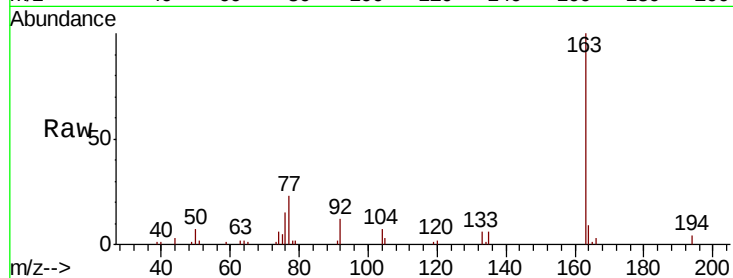




#44
Dimethylphthalate
Concen: 6.594 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020468.D
Acq: 21 May 2019 20:07

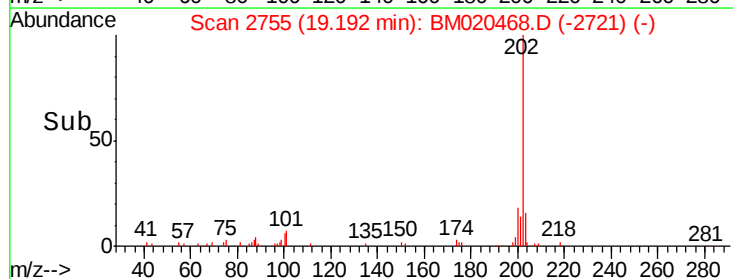
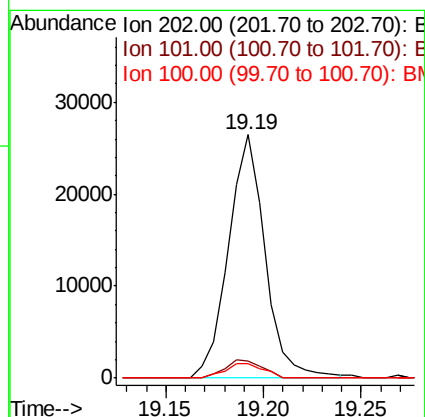
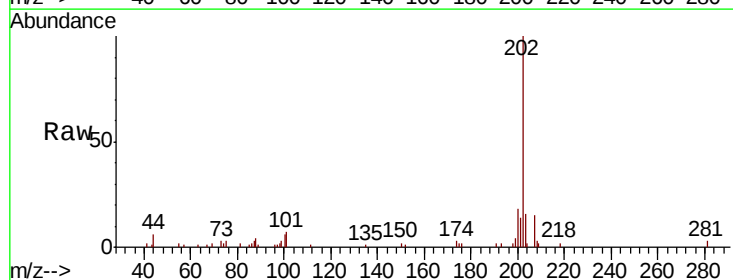
Instrument :
BNA_M
ClientSampleId :
A4260

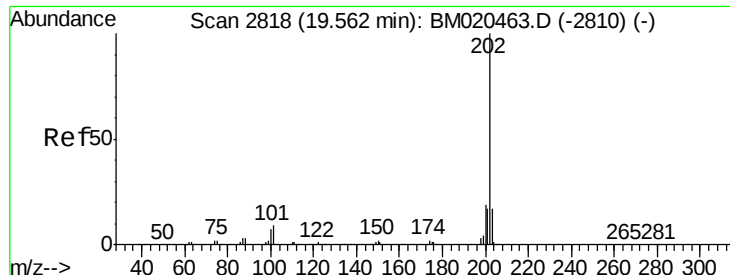
Tgt Ion:163 Resp: 55757
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 8.6 8.0 12.0



#76
Fluoranthene
Concen: 1.979 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM020468.D
Acq: 21 May 2019 20:07

Tgt Ion:202 Resp: 34413
Ion Ratio Lower Upper
202 100
101 6.8 6.4 9.6
100 6.2 5.2 7.8





#79

Pyrene

Concen: 1.752 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM020468.D

Acq: 21 May 2019 20:07

Instrument :

BNA_M

ClientSampleId :

A4260

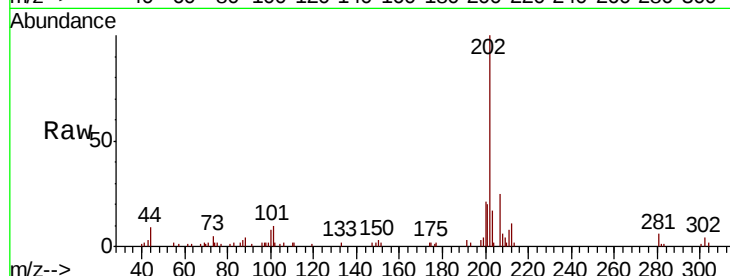
Tgt Ion:202 Resp: 33534

Ion Ratio Lower Upper

202 100

101 11.5 7.1 10.7#

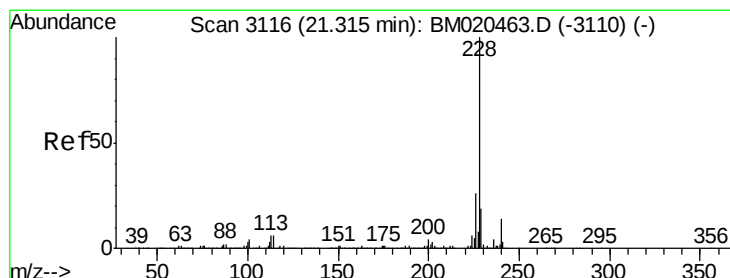
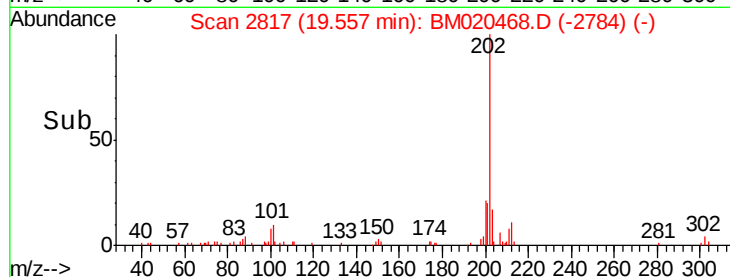
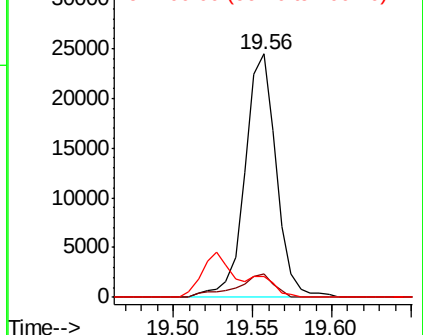
100 8.4 5.9 8.9



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

Benzo(a)anthracene

Concen: 1.040 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020468.D

Acq: 21 May 2019 20:07

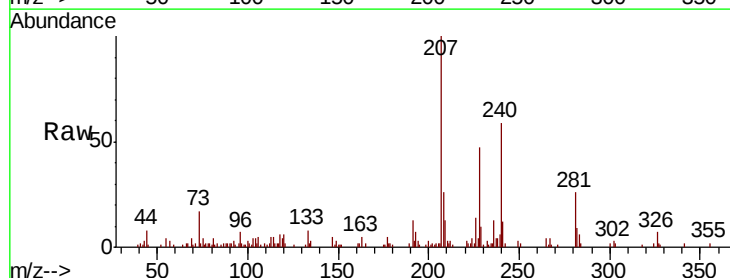
Tgt Ion:228 Resp: 19951

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

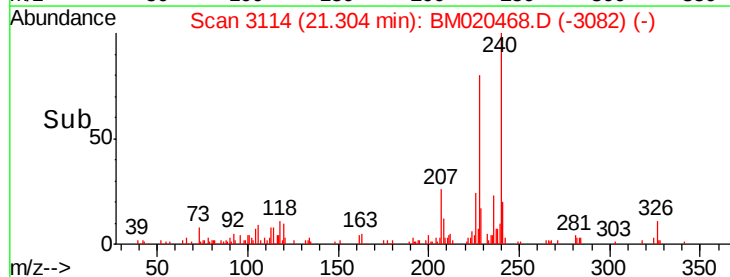
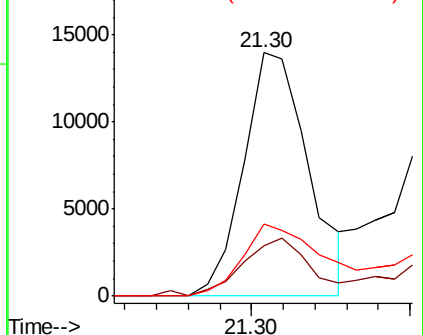
226 29.4 20.6 30.8

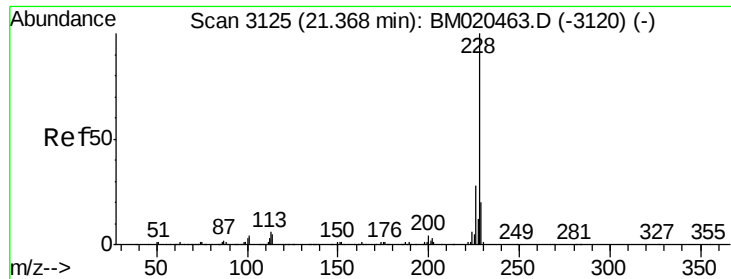


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.198 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020468.D

Acq: 21 May 2019 20:07

Instrument :

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ClientSampleId :

A4260

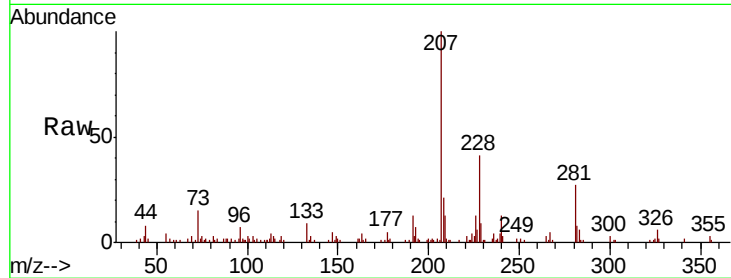
Tgt Ion:228 Resp: 21968

Ion Ratio Lower Upper

228 100

226 31.4 22.2 33.4

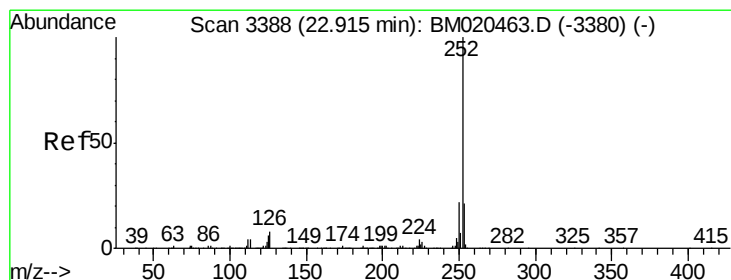
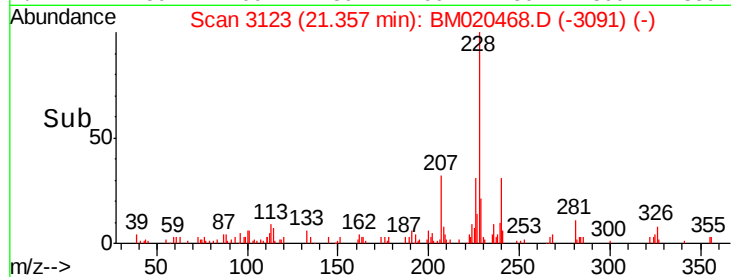
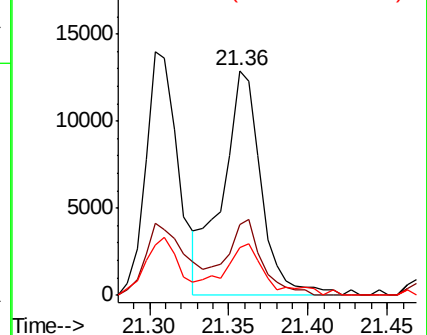
229 21.5 15.4 23.2



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: 1.491 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM020468.D

Acq: 21 May 2019 20:07

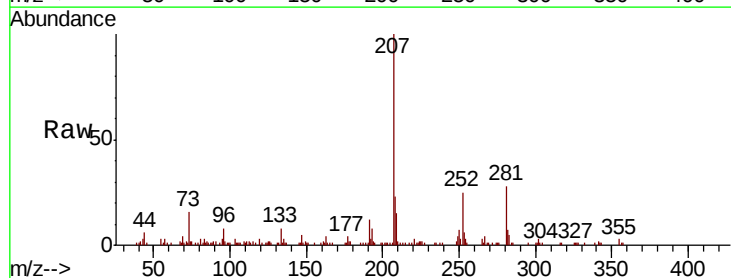
Tgt Ion:252 Resp: 32263

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.5 5.0 7.4#



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

