

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020411.D
 Acq On : 18 May 2019 22:40
 Operator : JU/SJ
 Sample : K2690-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 07:14:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	87353	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	310279	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	183691	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	440865	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	468378	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	565644	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9193	3.88	ng/uL	0.00
5) Phenol-d5	6.90	99	152839	21.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	96439	21.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	119752	23.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	92078	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	50523	25.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	53020	23.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	115932	24.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	23786	4.89	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	358521	27.13	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	430982	26.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	24825	12.94	ng/ul	0.00
57) Fluorene-d10	15.37	176	330204	28.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	31856	12.69	ng/ul	0.00
70) Anthracene-d10	17.23	188	511856	27.07	ng/ul	0.00
78) Pyrene-d10	19.53	212	640866	28.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	706871	27.50	ng/ul	0.00

Target Compounds

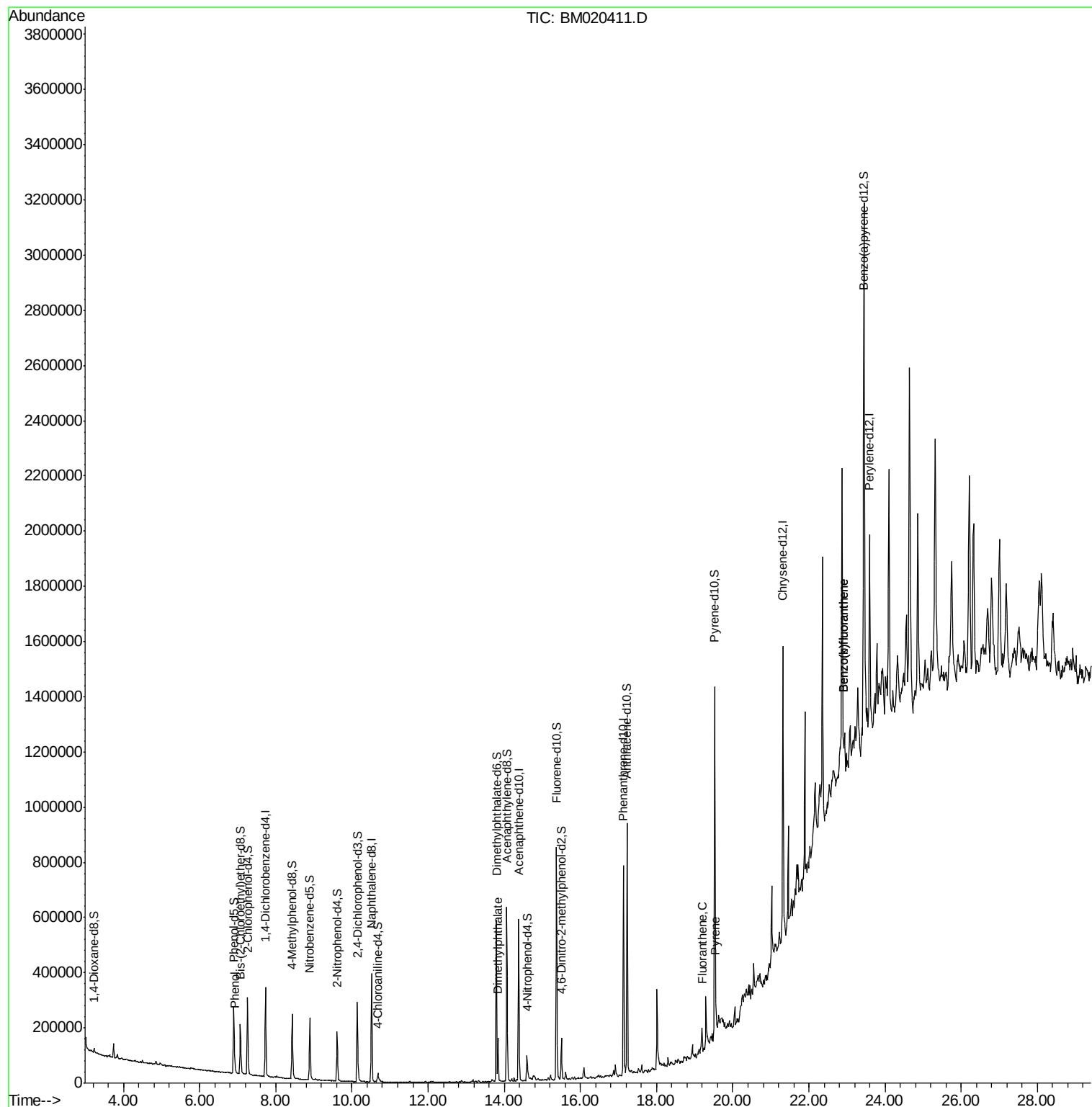
					Ovalue
6) Phenol	6.92	94	11458	1.563 ng/ul	94
44) Dimethylphthalate	13.84	163	83989	6.424 ng/ul	98
76) Fluoranthene	19.19	202	49620	1.870 ng/ul#	97
79) Pyrene	19.56	202	46015	1.637 ng/ul	97
87) Benzo(b)fluoranthene	22.90	252	44857	1.389 ng/ul#	55
88) Benzo(k)fluoranthene	22.90	252	44857	1.415 ng/ul#	57

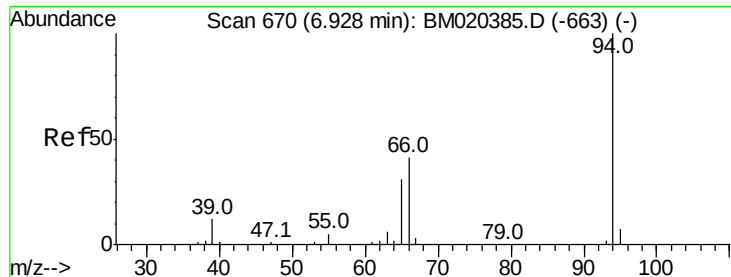
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.563 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

Instrument :

BNA_M

ClientSampleId :

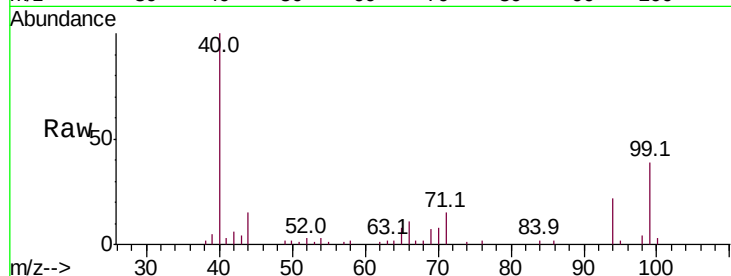
Tot Ion: 94 Resp: 11458

Ion Ratio Lower Upper

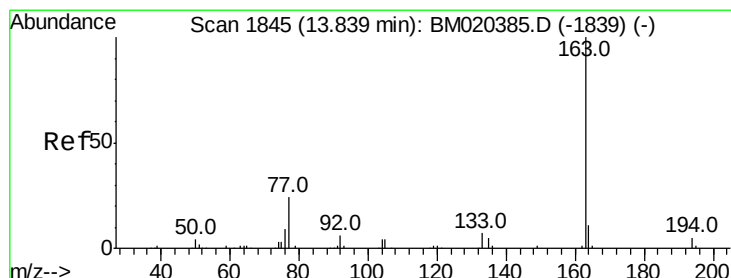
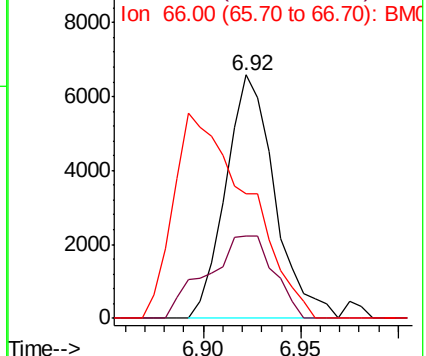
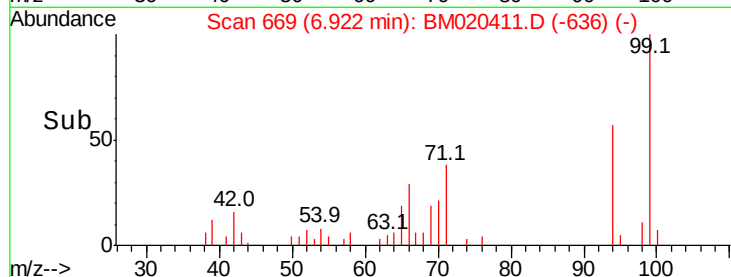
94 100

65 33.6 25.4 38.0

66 51.0 36.5 54.7



Abundance Ion 94.00 (93.70 to 94.70): BM020411.D (-636) (-)



#44

Dimethylphthalate

Concen: 6.424 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

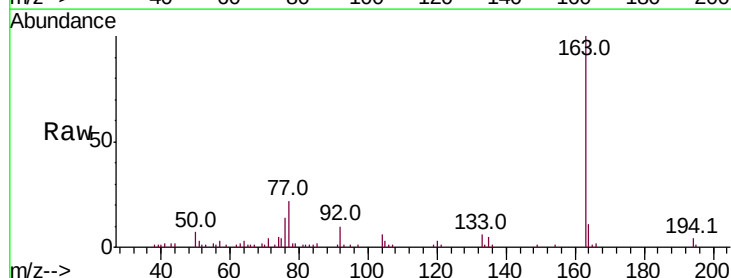
Tgt Ion:163 Resp: 83989

Ion Ratio Lower Upper

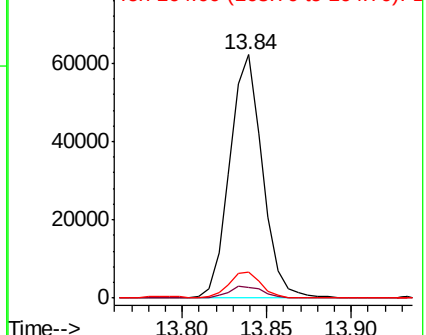
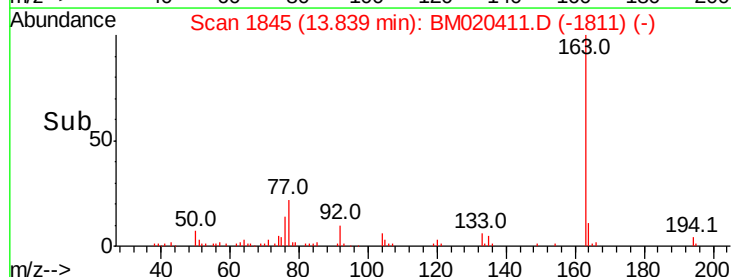
163 100

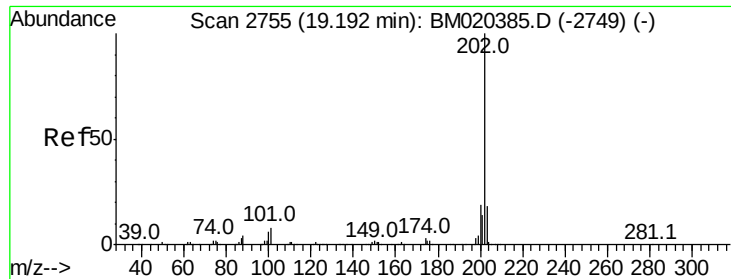
194 4.4 3.3 4.9

164 10.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): BM020411.D (-1811) (-)





#76

Fluoranthene

Concen: 1.870 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

Instrument :

BNA_M

ClientSampleId :

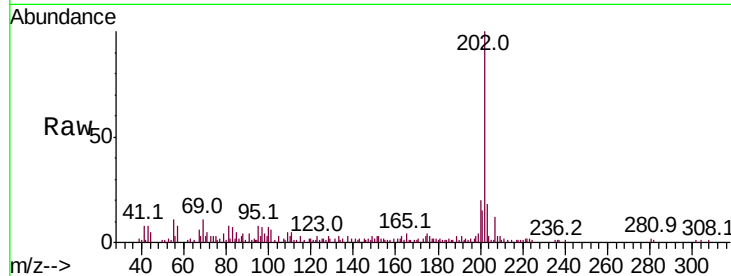
Tot Ion:202 Resp: 49620

Ion Ratio Lower Upper

202 100

101 6.0 6.4 9.6#

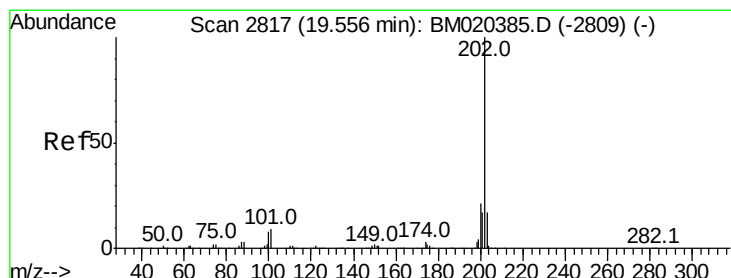
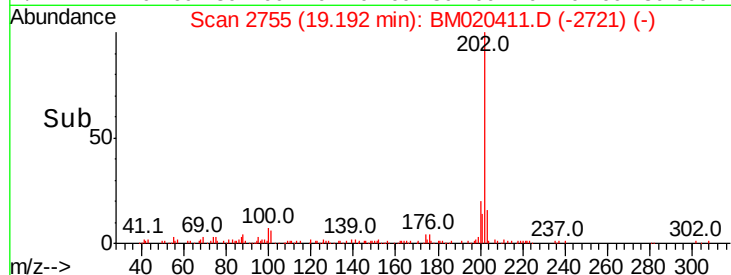
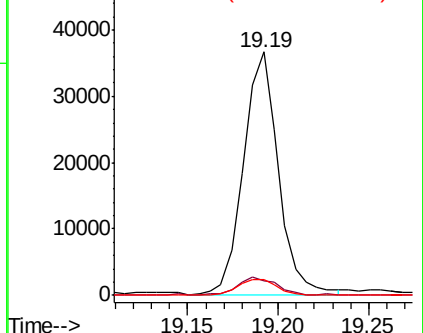
100 6.7 5.2 7.8



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: 1.637 ng/ul

RT: 19.56 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

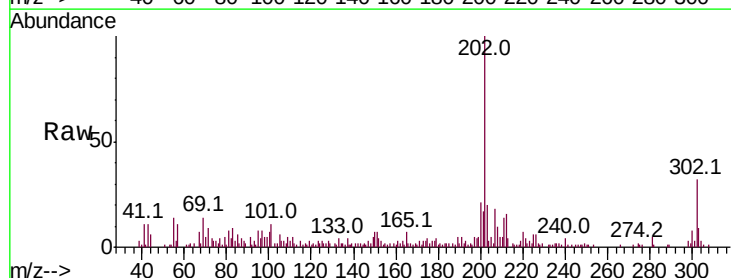
Tgt Ion:202 Resp: 46015

Ion Ratio Lower Upper

202 100

101 10.7 7.1 10.7

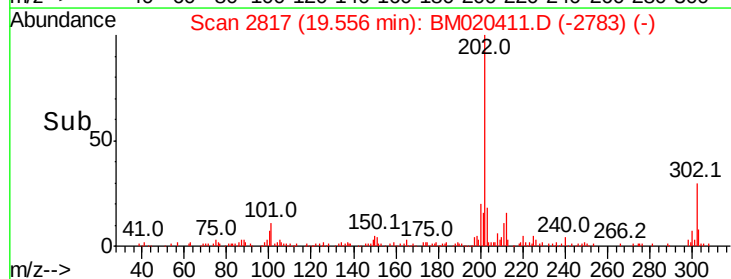
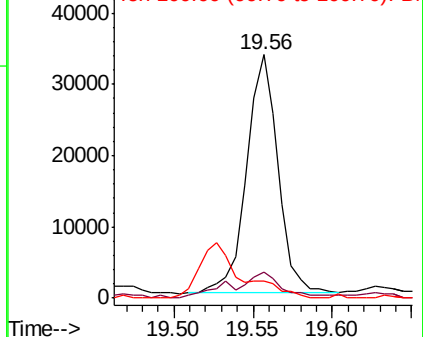
100 7.0 5.9 8.9

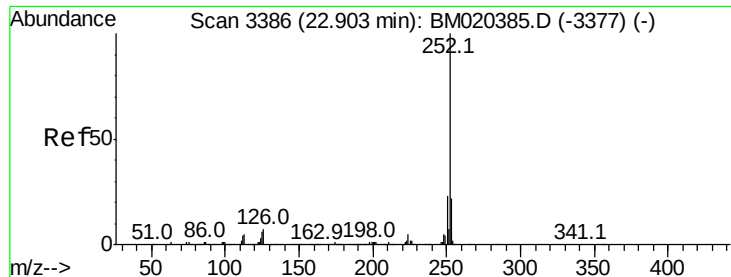


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#87

Benzo(b)fluoranthene

Concen: 1.389 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

Instrument :

BNA_M

ClientSampleId :

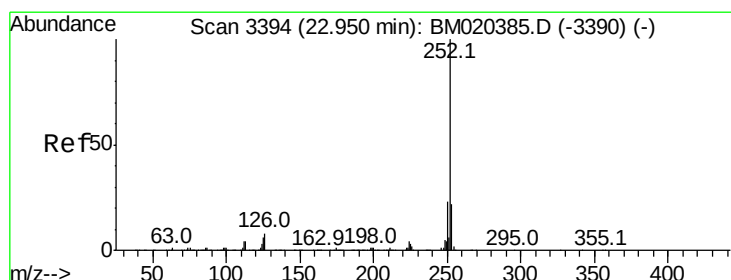
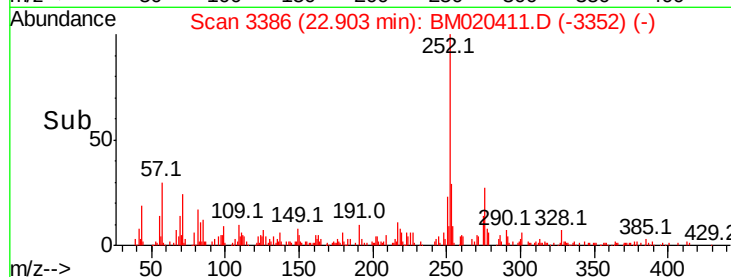
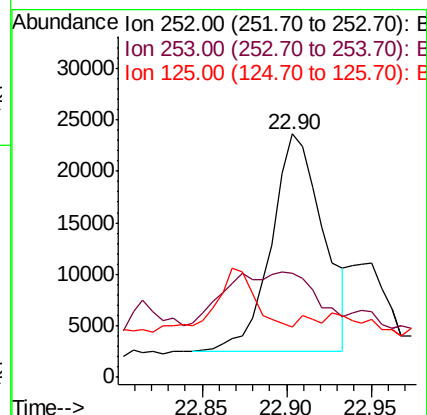
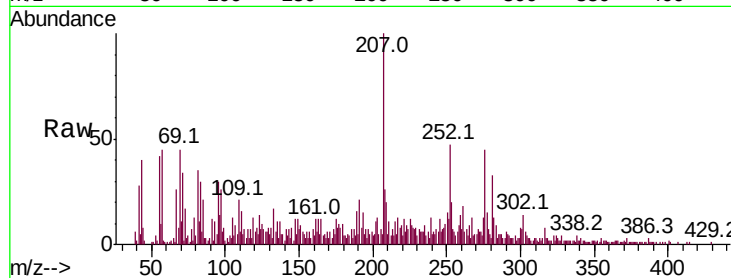
Tot Ion:252 Resp: 44857

Ion Ratio Lower Upper

252 100

253 42.8 17.0 25.6#

125 20.8 5.0 7.4#



#88

Benzo(k)fluoranthene

Concen: 1.415 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM020411.D

Acq: 18 May 2019 22:40

Tgt Ion:252 Resp: 44857

Ion Ratio Lower Upper

252 100

253 42.8 17.6 26.4#

125 20.8 5.0 7.6#

