

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016957.D
 Acq On : 02 Oct 2018 12:40
 Operator : MJ/SJ
 Sample : J5126-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 13:17:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	337513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1401422	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.35	164	680824	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.10	188	1202688	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1178733	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1331110	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	369	0.05	ng/uL	0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.19	67	119	0.01	ng/ul	0.13
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	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.50	131	2583	0.10	ng/ul	-0.13
44) Dimethylphthalate-d6	13.76	166	314	0.01	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	107	0.00	ng/ul	0.07
52) 4-Nitrophenol-d4	14.54	143	376	0.04	ng/ul	-0.02
58) Fluorene-d10	15.34	176	4114	0.09	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.48	200	199	0.04	ng/ul	0.00
71) Anthracene-d10	17.20	188	3788	0.07	ng/ul	0.00
79) Pyrene-d10	19.50	212	1521	0.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1323339	19.06	ng/ul	0.14

Target Compounds

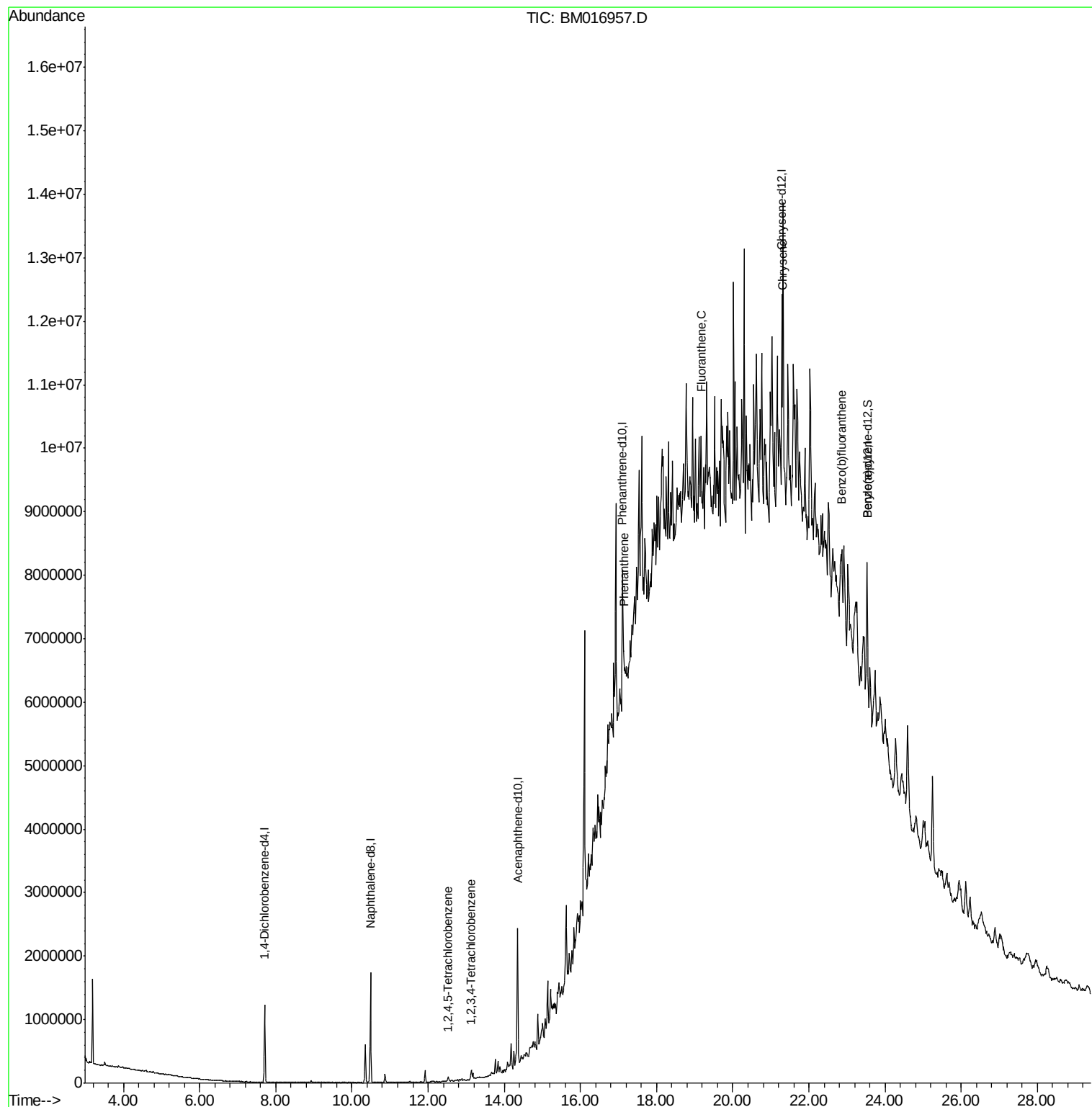
				Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	26643	1.139	ng/ul# 96
70) Phenanthrene	17.14	178	138598	2.075	ng/ul# 58
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	41963	2.108	ng/uL 95
77) Fluoranthene	19.16	202	202934	2.650	ng/ul# 82
85) Chrysene	21.33	228	121666	1.788	ng/ul# 87
88) Benzo(b)fluoranthene	22.86	252	97714	1.226	ng/ul# 1

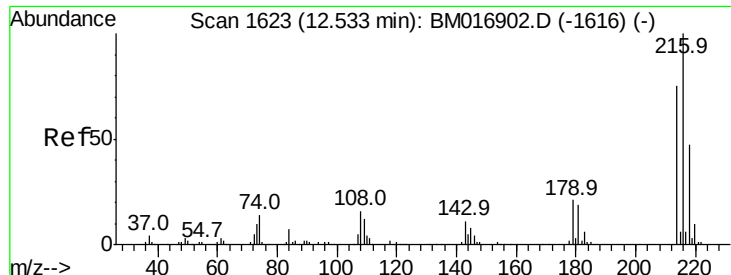
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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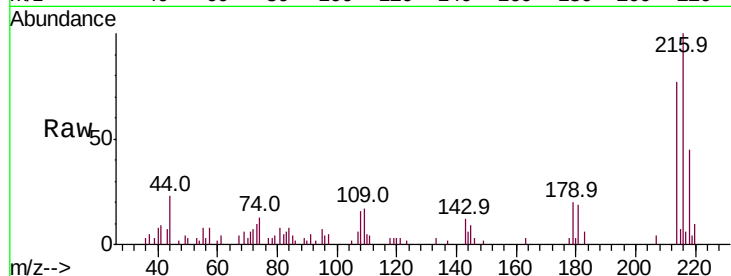




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.139 ng/ul
 RT: 12.52 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BM016957.D
 Acq: 02 Oct 2018 12:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	26643
Ion	Ratio	Lower	Upper
216	100		
214	77.4	64.1	96.1
179	20.2	14.5	21.7
108	15.6	10.4	15.6#



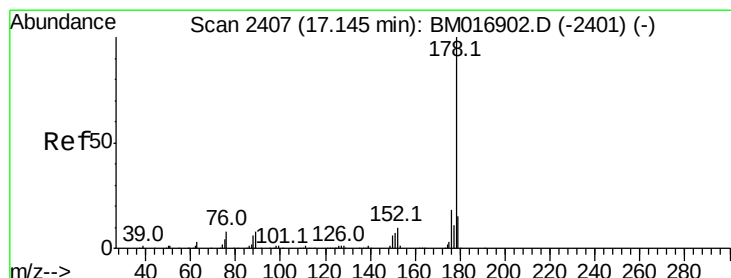
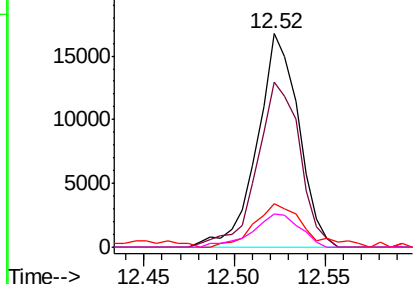
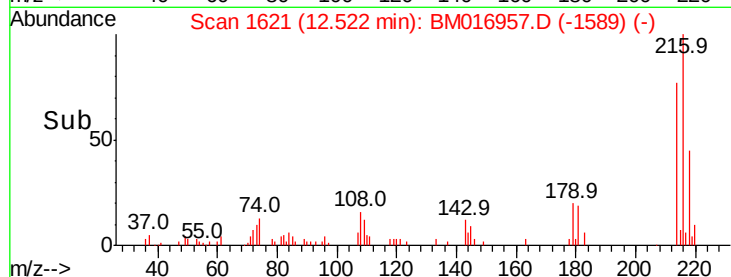
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

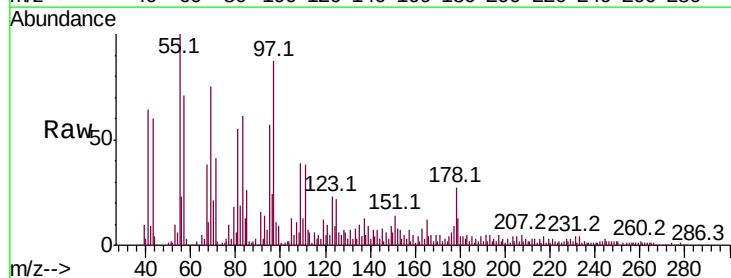
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#70
 Phenanthrene
 Concen: 2.075 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016957.D
 Acq: 02 Oct 2018 12:40

Tgt Ion:	178	Resp:	138598
Ion	Ratio	Lower	Upper
178	100		
179	49.5	12.3	18.5#
176	23.9	15.4	23.0#

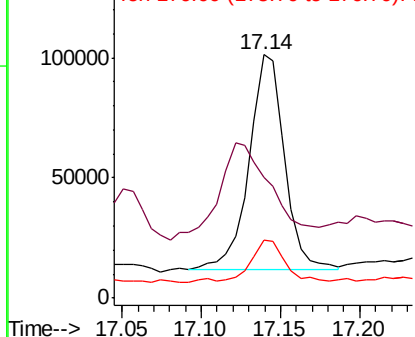
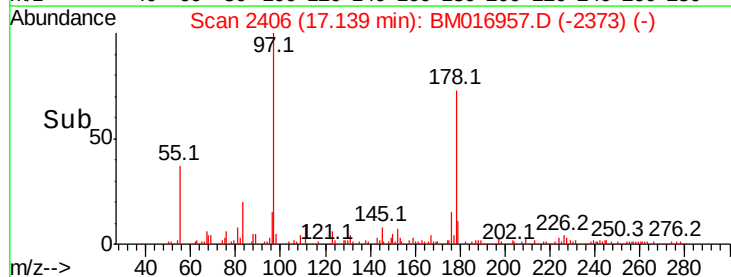


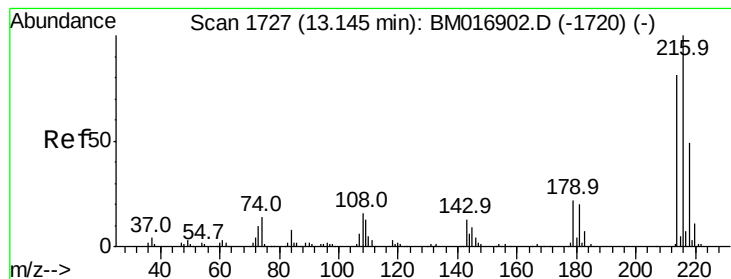
Abundance

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.108 ng/uL

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM016957.D

Acq: 02 Oct 2018 12:40

Instrument :

BNA_M

ClientSampleId :

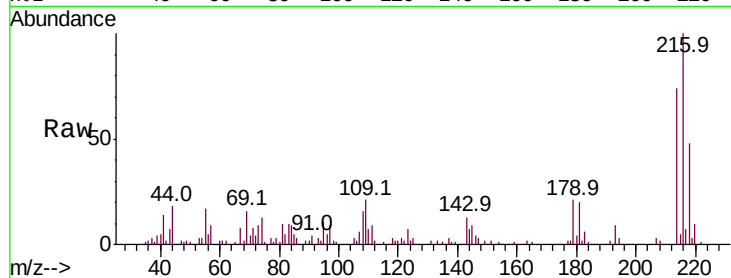
Tot Ion:216 Resp: 41963

Ion Ratio Lower Upper

216 100

214 73.7 64.1 96.1

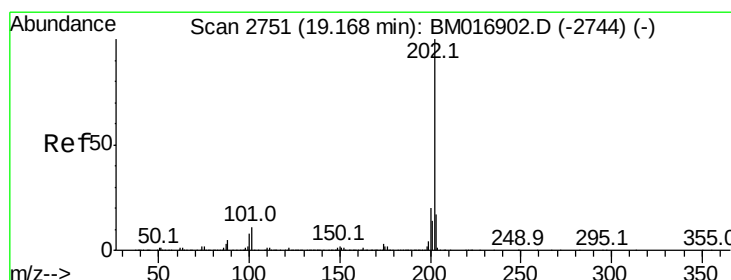
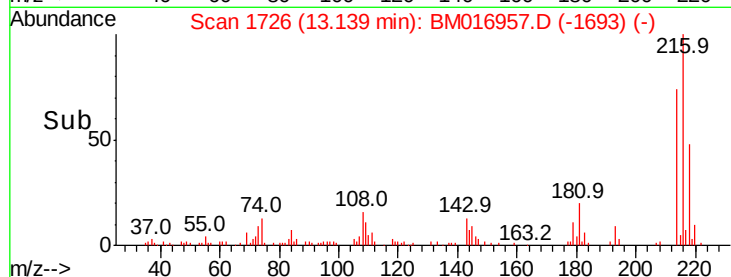
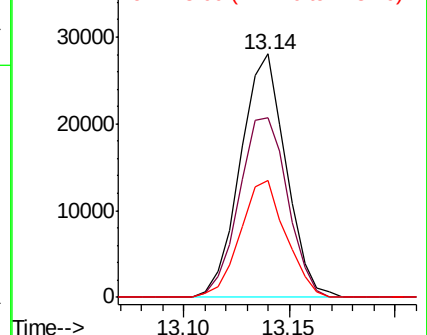
218 48.0 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#77

Fluoranthene

Concen: 2.650 ng/uL

RT: 19.16 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BM016957.D

Acq: 02 Oct 2018 12:40

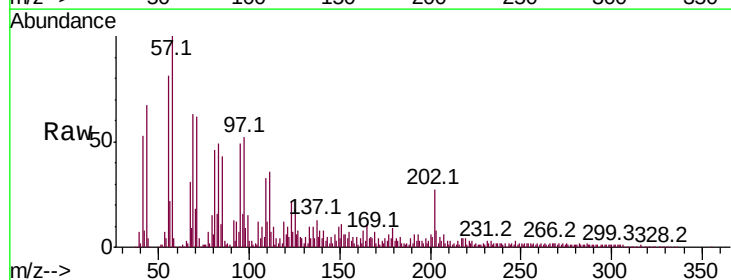
Tgt Ion:202 Resp: 202934

Ion Ratio Lower Upper

202 100

101 12.9 6.1 9.1#

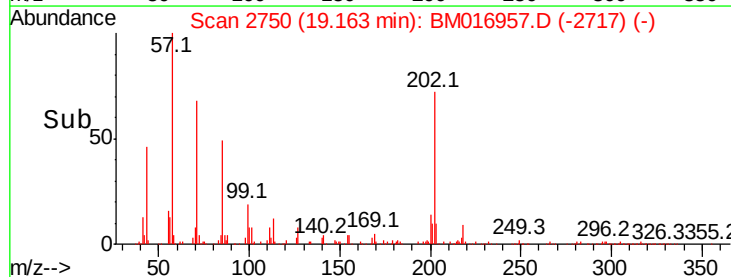
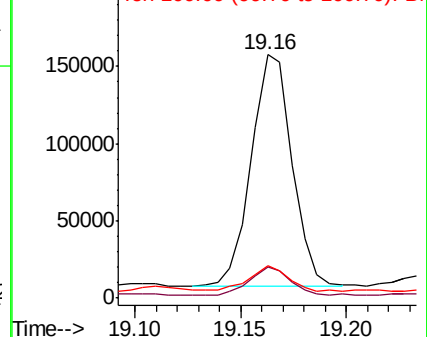
100 13.1 4.6 7.0#

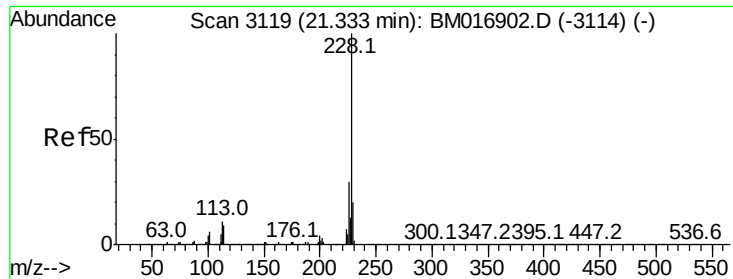


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#85

Chrysene

Concen: 1.788 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016957.D

Acq: 02 Oct 2018 12:40

Instrument :

BNA_M

ClientSampled :

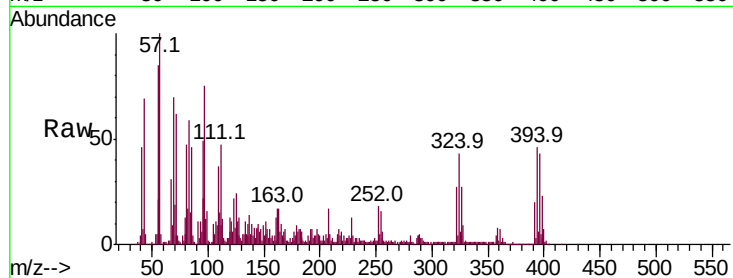
Tot Ion:228 Resp: 121666

Ion Ratio Lower Upper

228 100

226 33.1 24.1 36.1

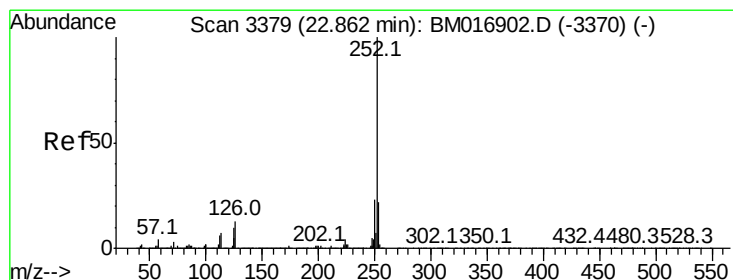
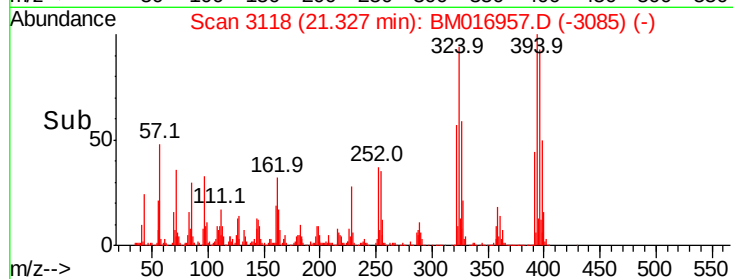
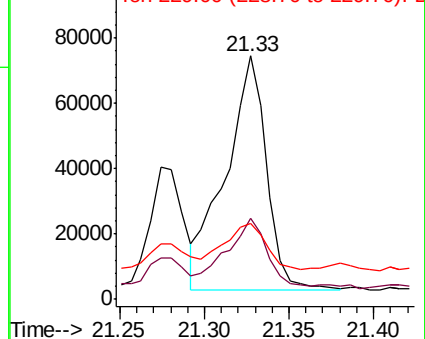
229 31.3 16.0 24.0#



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: 1.226 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM016957.D

Acq: 02 Oct 2018 12:40

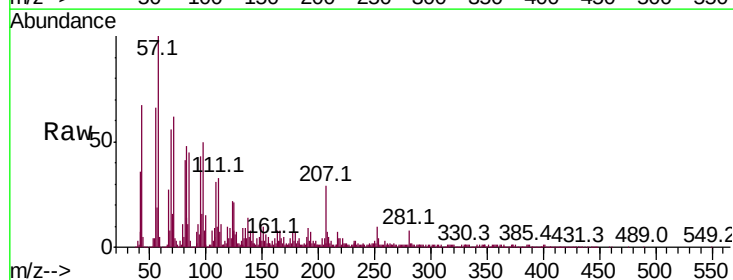
Tgt Ion:252 Resp: 97714

Ion Ratio Lower Upper

252 100

253 42.0 17.4 26.0#

125 215.9 4.9 7.3#



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

