

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016970.D
 Acq On : 03 Oct 2018 09:19
 Operator : MJ/SJ
 Sample : J5126-15
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BA3

Quant Time: Oct 03 11:42:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 02 20:15:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	363780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1523163	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	734338	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1317663	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1150102	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1246042	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
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	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

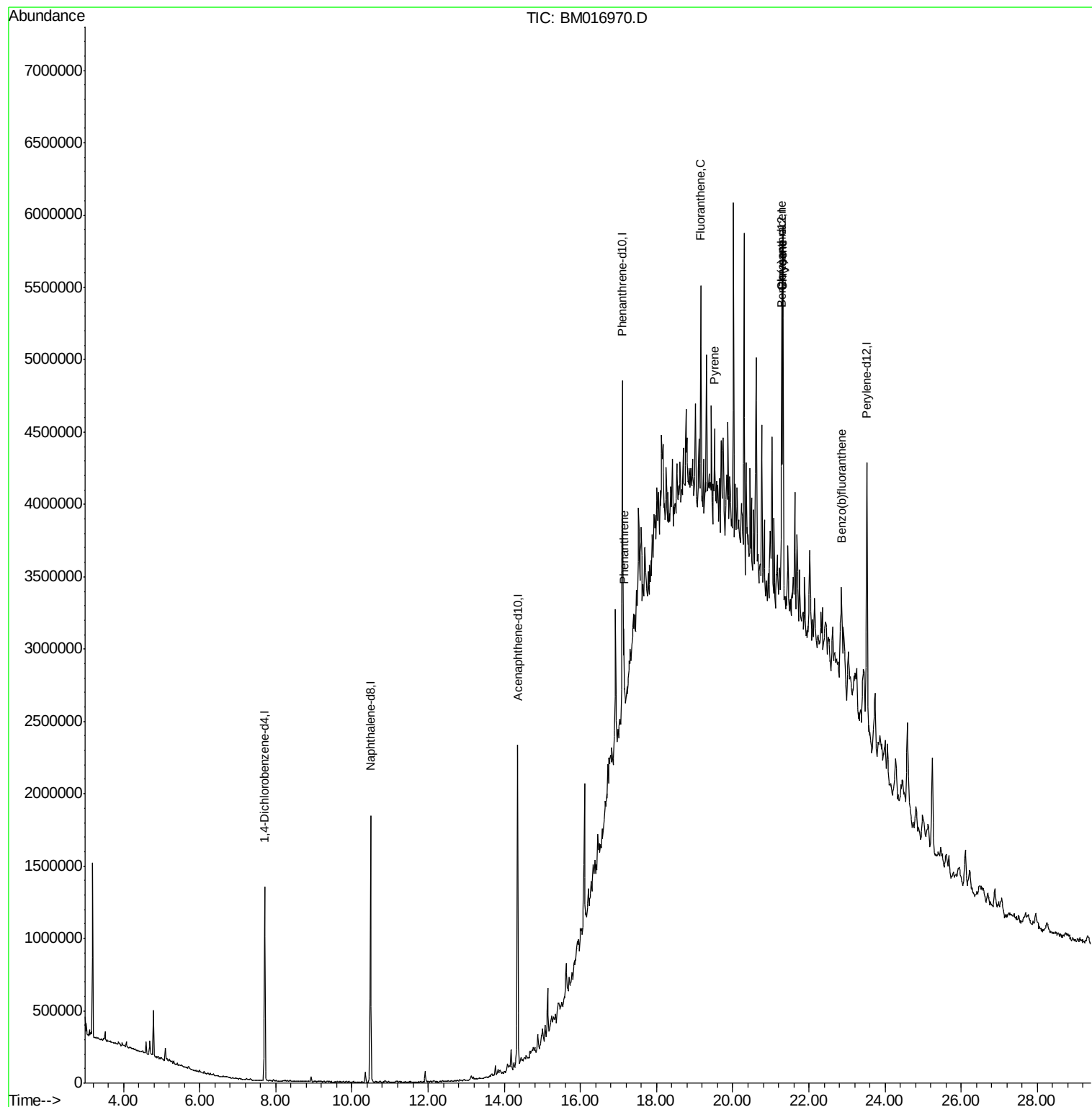
					Ovalue	
70) Phenanthrene	17.14	178	307440	4.200	ng/ul#	94
77) Fluoranthene	19.16	202	801885	9.557	ng/ul#	90
80) Pyrene	19.53	202	251998	3.568	ng/ul#	87
83) Benzo(a)anthracene	21.27	228	226269	3.178	ng/ul	98
85) Chrysene	21.33	228	397018	5.979	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	245370	3.290	ng/ul#	75

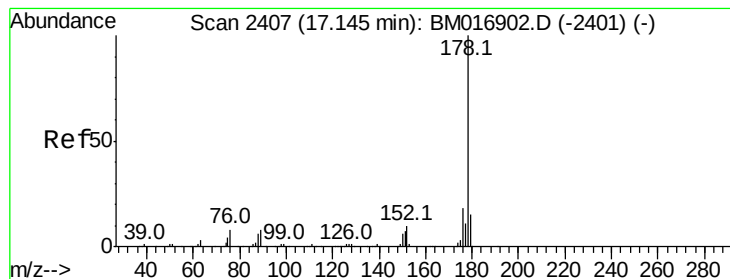
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 20:15:20 2018
Response via : Initial Calibration





#70

Phenanthrene

Concen: 4.200 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM016970.D

Acq: 03 Oct 2018 09:19

Instrument :

BNA_M

ClientSampleId :

C0BA3

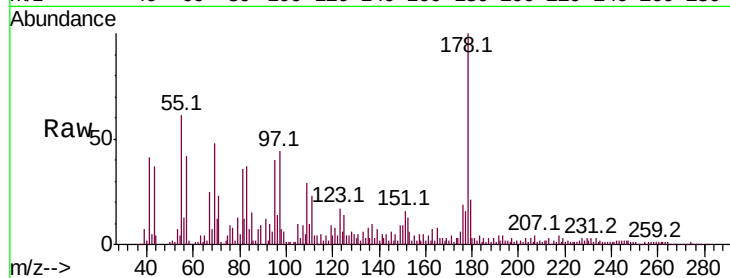
Tot Ion:178 Resp: 307440

Ion Ratio Lower Upper

178 100

179 21.1 12.3 18.5#

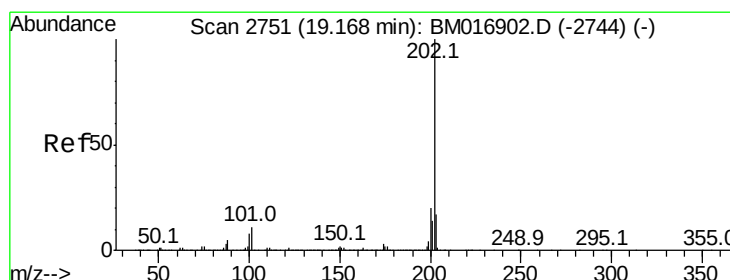
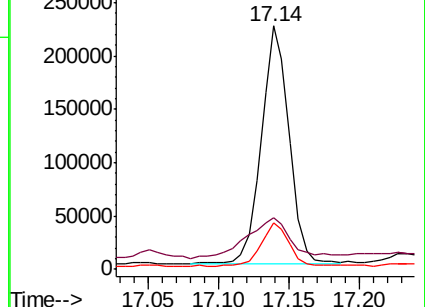
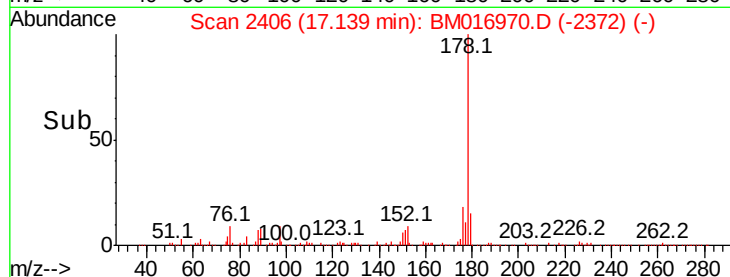
176 18.9 15.4 23.0



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



#77

Fluoranthene

Concen: 9.557 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BM016970.D

Acq: 03 Oct 2018 09:19

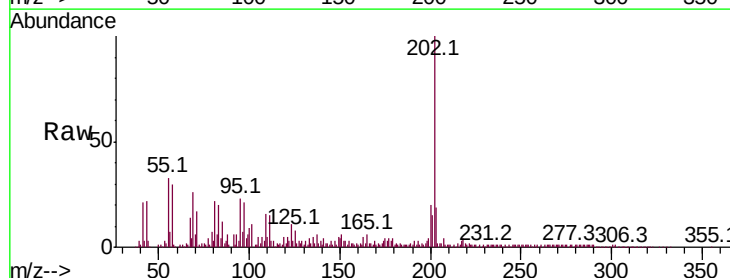
Tgt Ion:202 Resp: 801885

Ion Ratio Lower Upper

202 100

101 11.3 6.1 9.1#

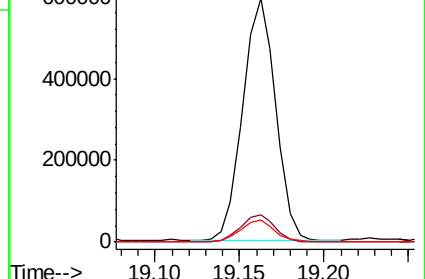
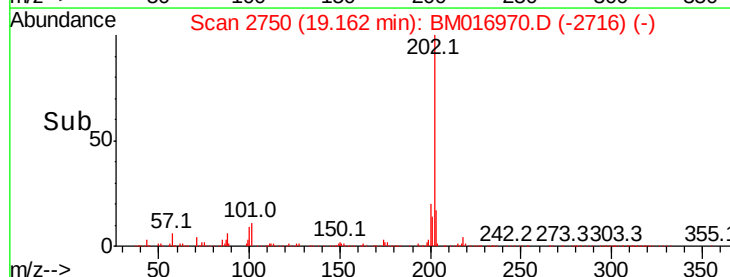
100 8.9 4.6 7.0#

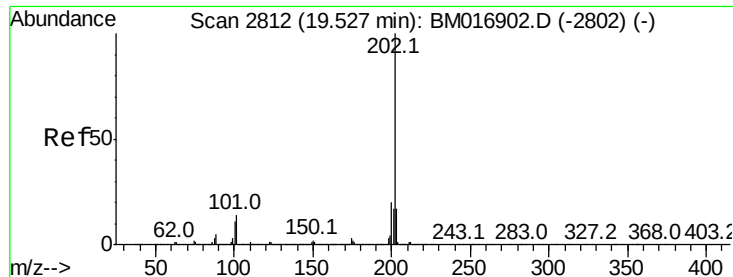


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 3.568 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BM016970.D

Acq: 03 Oct 2018 09:19

Instrument :

BNA_M

ClientSampleId :

C0BA3

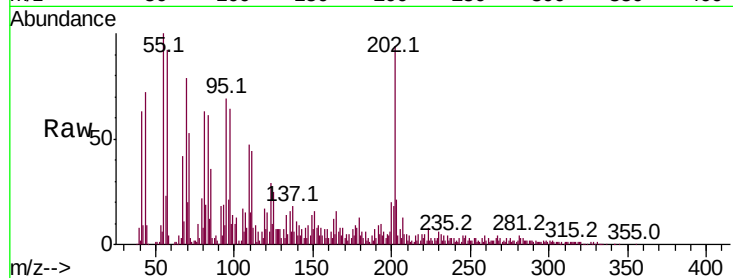
Tot Ion:202 Resp: 251998

Ion Ratio Lower Upper

202 100

101 13.4 6.9 10.3#

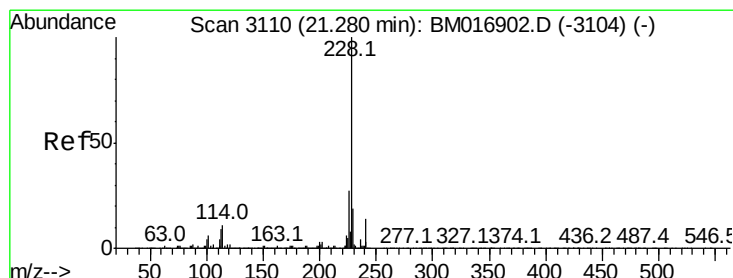
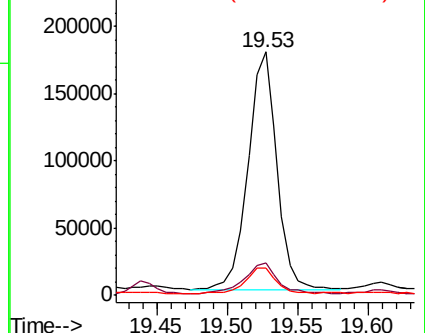
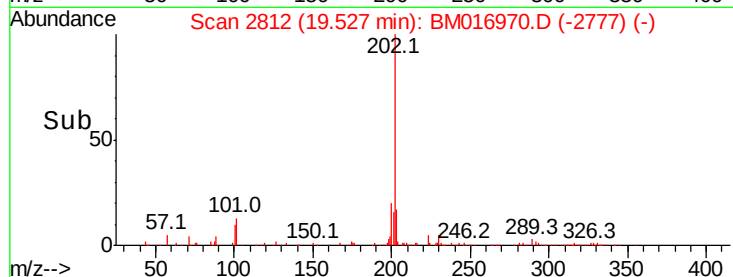
100 11.1 5.6 8.4#



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



#83

Benzo(a)anthracene

Concen: 3.178 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM016970.D

Acq: 03 Oct 2018 09:19

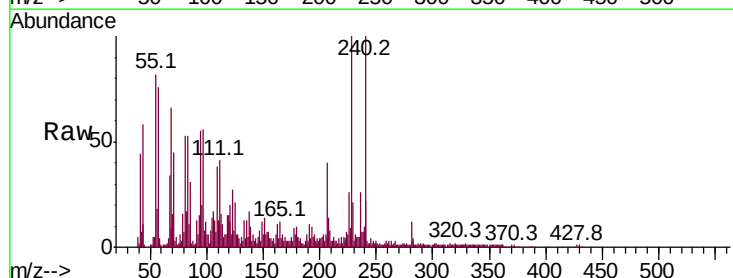
Tgt Ion:228 Resp: 226269

Ion Ratio Lower Upper

228 100

229 21.4 16.0 24.0

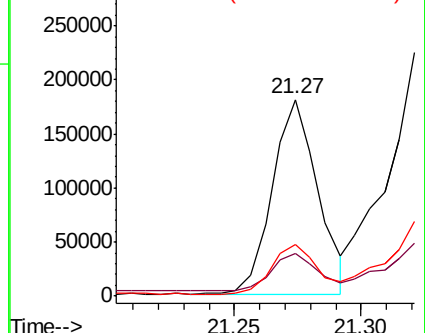
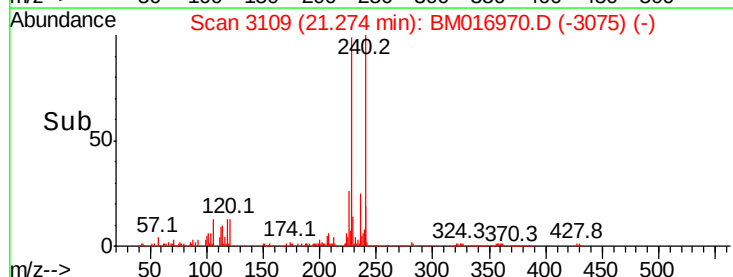
226 26.5 21.8 32.8

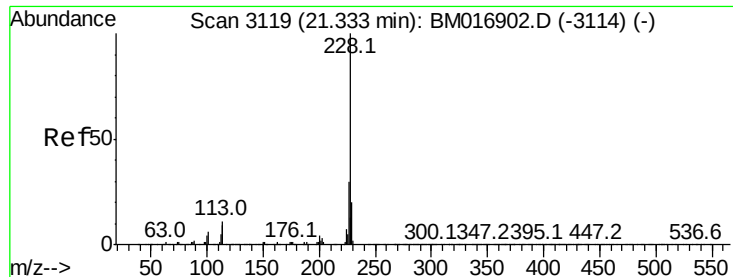


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

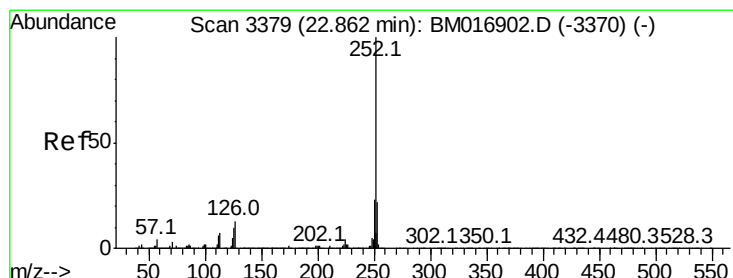
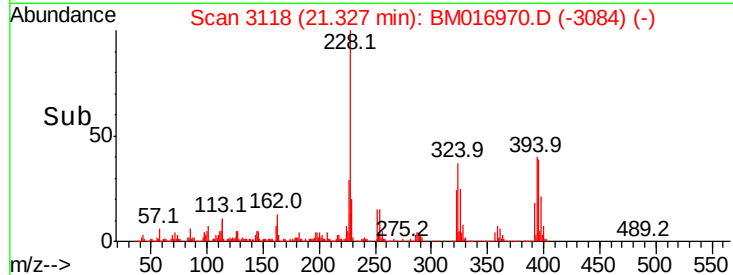
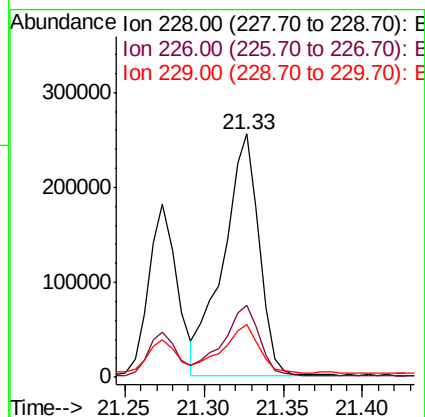
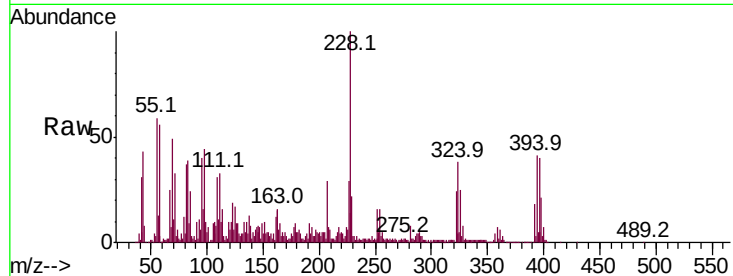




#85
Chrysene
Concen: 5.979 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM016970.D
Acq: 03 Oct 2018 09:19

Instrument :
BNA_M
ClientSampleId :
C0BA3

Tot Ion:228 Resp: 397018
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 21.6 16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 3.290 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM016970.D
Acq: 03 Oct 2018 09:19

Tgt Ion:252 Resp: 245370
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 37.2 4.9 7.3#

