

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
 Data File : BM016933.D
 Acq On : 01 Oct 2018 22:15
 Operator : MJ/SJ
 Sample : J5124-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B61

Quant Time: Oct 02 07:33:37 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	318432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1359391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	747260	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1521388	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1261019	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1328687	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	343	0.05	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	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	10.50	131	2206	0.09	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.57	143	112	0.01	ng/ul	0.01
58) Fluorene-d10	15.34	176	5638	0.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	549	0.09	ng/ul	-0.02
71) Anthracene-d10	17.20	188	3957	0.05	ng/ul	0.00
79) Pyrene-d10	19.52	212	832	0.01	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.52	264	1315988	18.99	ng/ul	0.13

Target Compounds

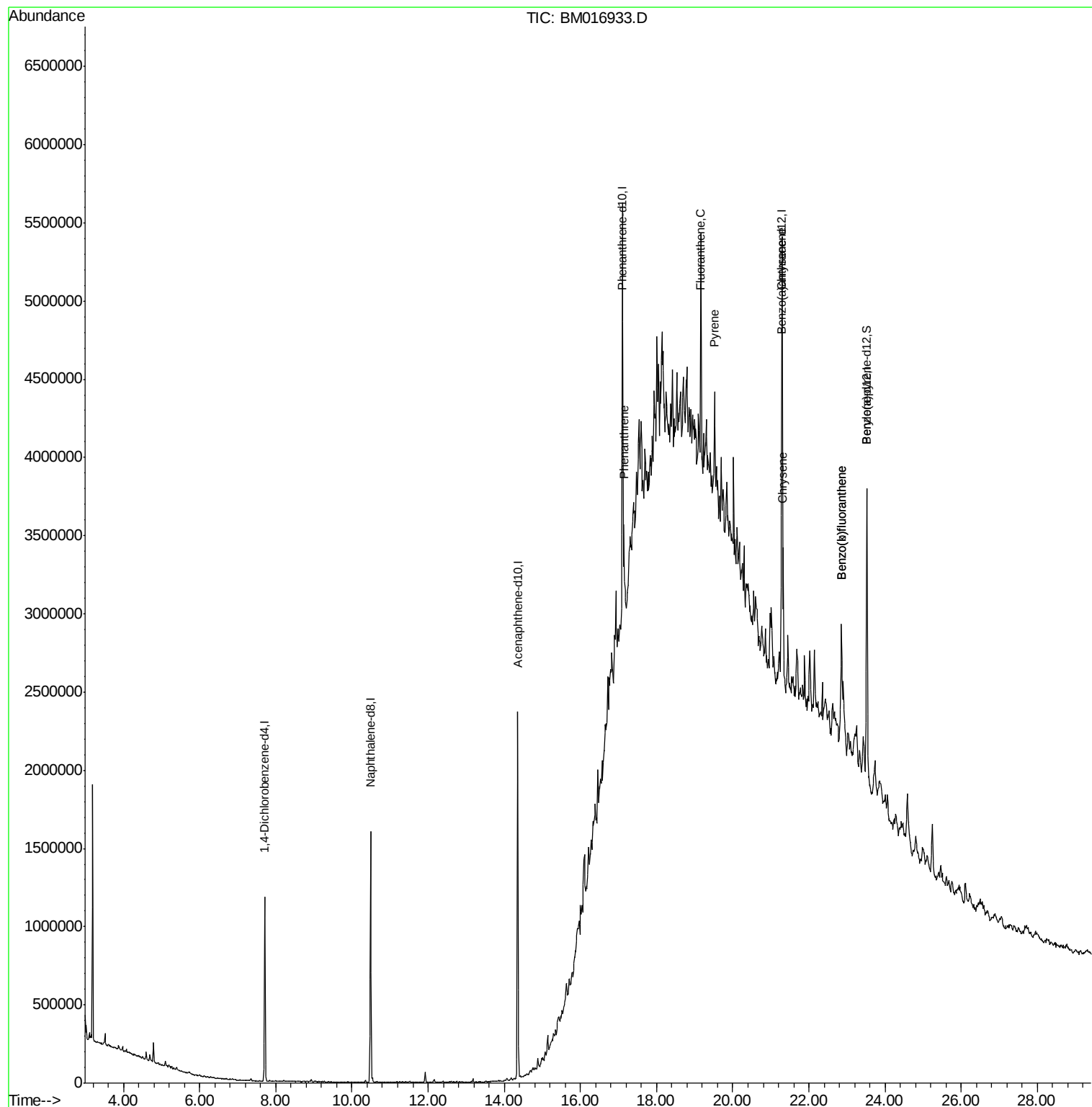
					Qvalue	
70) Phenanthrene	17.14	178	291778	3.453	ng/ul#	92
77) Fluoranthene	19.16	202	849480	8.769	ng/ul#	88
80) Pyrene	19.53	202	385020	4.973	ng/ul#	86
83) Benzo(a)anthracene	21.27	228	321695	4.121	ng/ul	98
85) Chrysene	21.33	228	412576	5.667	ng/ul	98
88) Benzo(b)fluoranthene	22.86	252	455472	5.727	ng/ul#	88
89) Benzo(k)fluoranthene	22.86	252	455472	5.964	ng/ul#	87

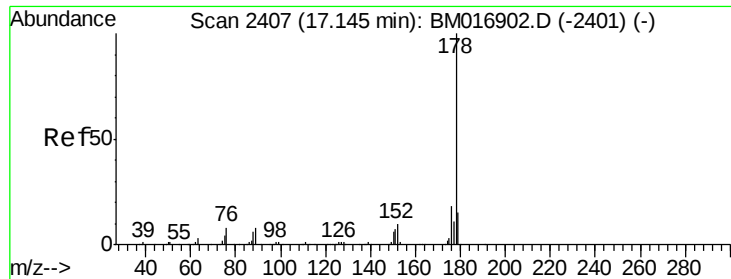
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 3.453 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM016933.D

Acq: 01 Oct 2018 22:15

Instrument :

BNA_M

ClientSampled :

C0B61

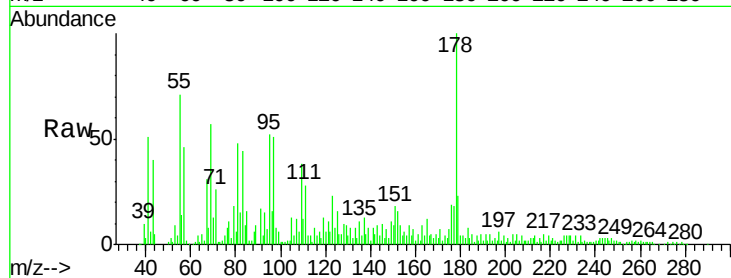
Tgt Ion:178 Resp: 291778

Ion Ratio Lower Upper

178 100

179 22.8 12.3 18.5#

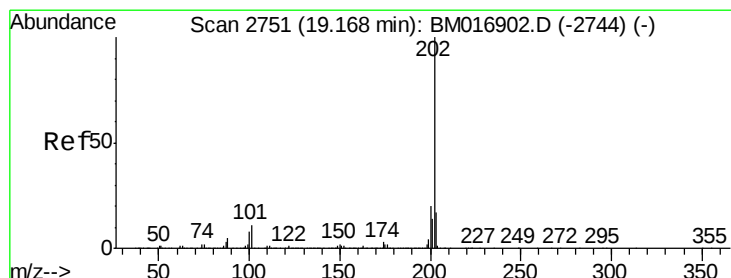
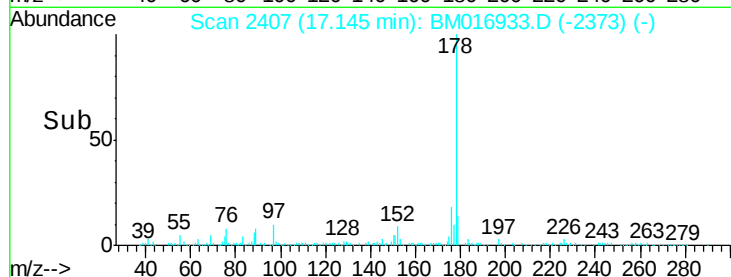
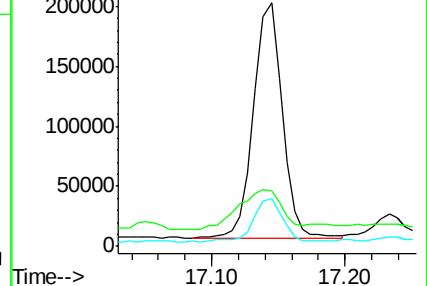
176 19.4 15.4 23.0



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: 8.769 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BM016933.D

Acq: 01 Oct 2018 22:15

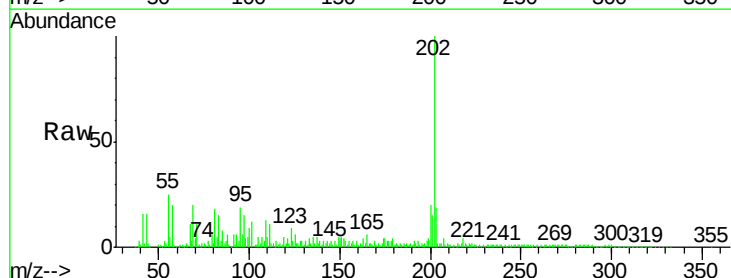
Tgt Ion:202 Resp: 849480

Ion Ratio Lower Upper

202 100

101 12.3 6.1 9.1#

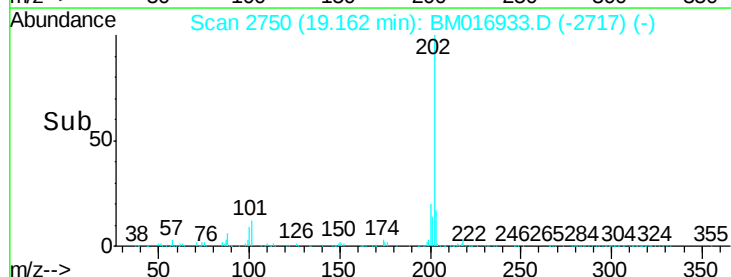
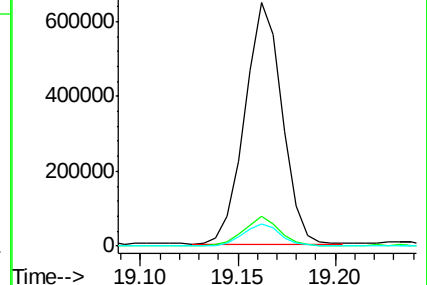
100 9.0 4.6 7.0#

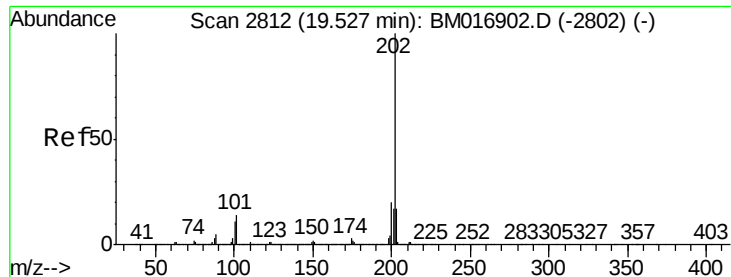


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

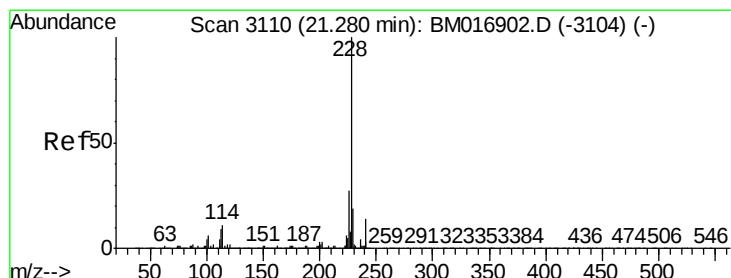
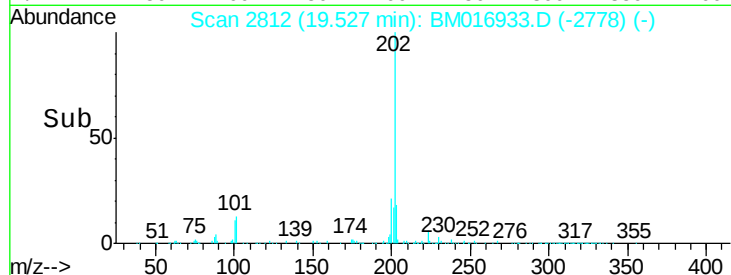
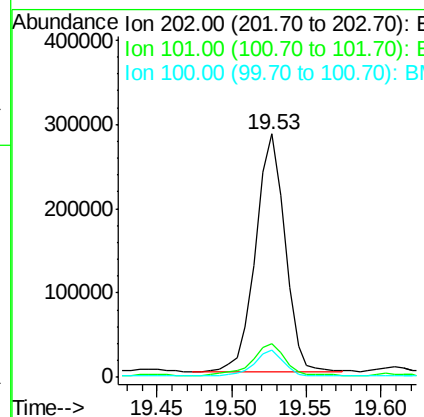
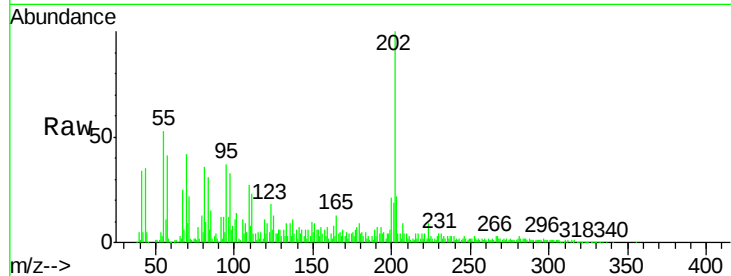




#80
 Pyrene
 Concen: 4.973 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM016933.D
 Acq: 01 Oct 2018 22:15

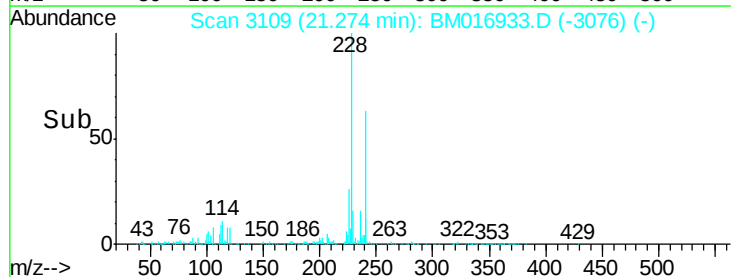
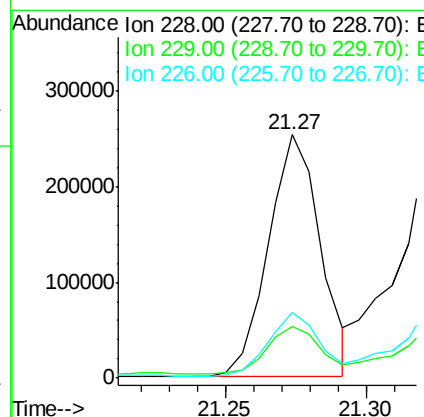
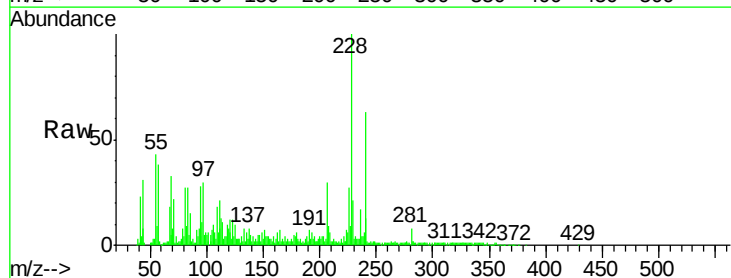
Instrument :
 BNA_M
 ClientSampleId :
 C0B61

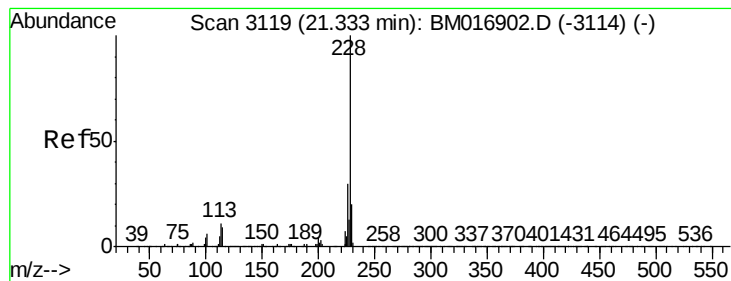
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	6.9	10.3#
100	11.4	5.6	8.4#



#83
 Benzo(a)anthracene
 Concen: 4.121 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016933.D
 Acq: 01 Oct 2018 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	26.7	21.8	32.8





#85

Chrysene

Concen: 5.667 ng/u1

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016933.D

Acq: 01 Oct 2018 22:15

Instrument :

BNA_M

ClientSampleId :

C0B61

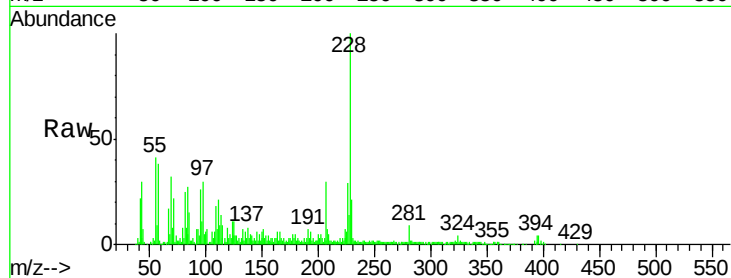
Tgt Ion:228 Resp: 412576

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

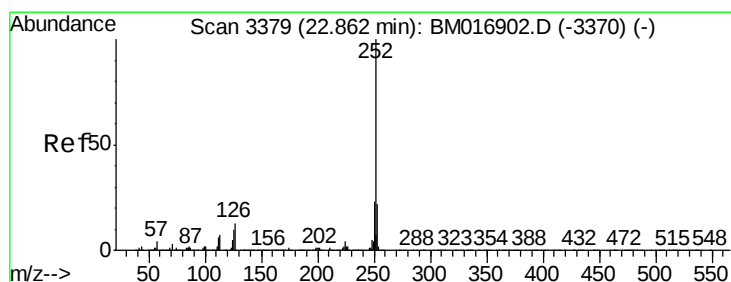
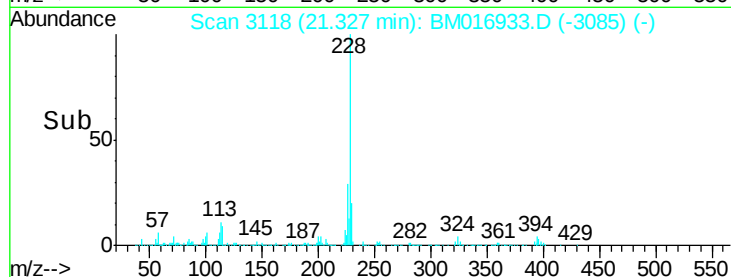
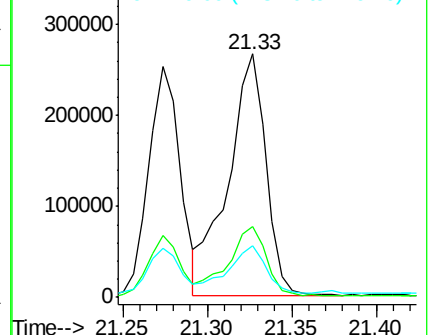
229 21.3 16.0 24.0



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: 5.727 ng/u1

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM016933.D

Acq: 01 Oct 2018 22:15

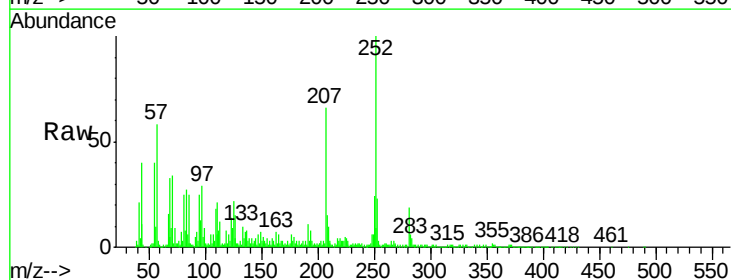
Tgt Ion:252 Resp: 455472

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

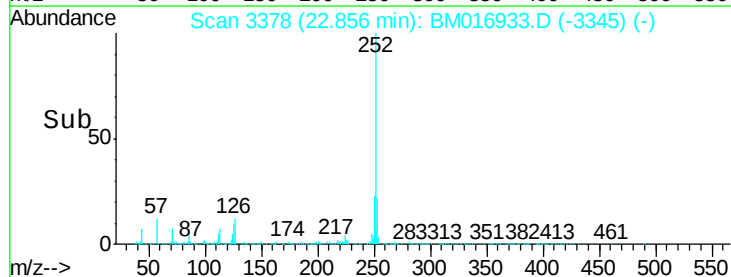
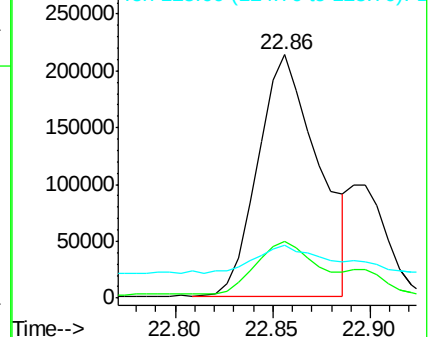
125 21.5 4.9 7.3#

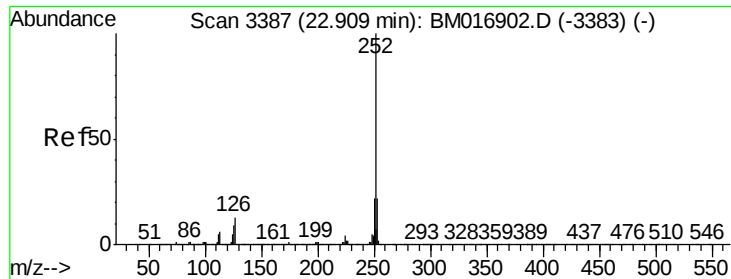


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.964 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM016933.D

Acq: 01 Oct 2018 22:15

Instrument :

BNA_M

ClientSampleId :

C0B61

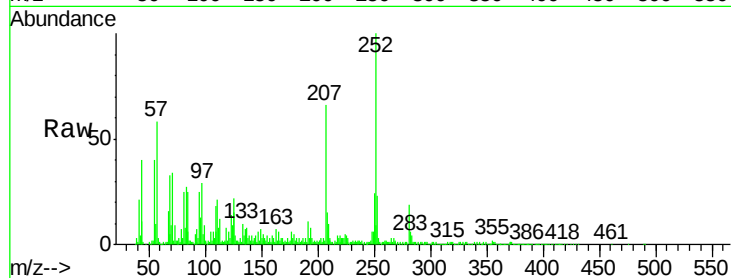
Tgt Ion: 252 Resp: 455472

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 21.5 5.4 8.0#



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

