

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
 Data File : BM017379.D
 Acq On : 27 Oct 2018 09:58
 Operator : MJ/SJ
 Sample : J5673-04
 Misc : GCMS Confirmation
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK8

Quant Time: Oct 29 01:13:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

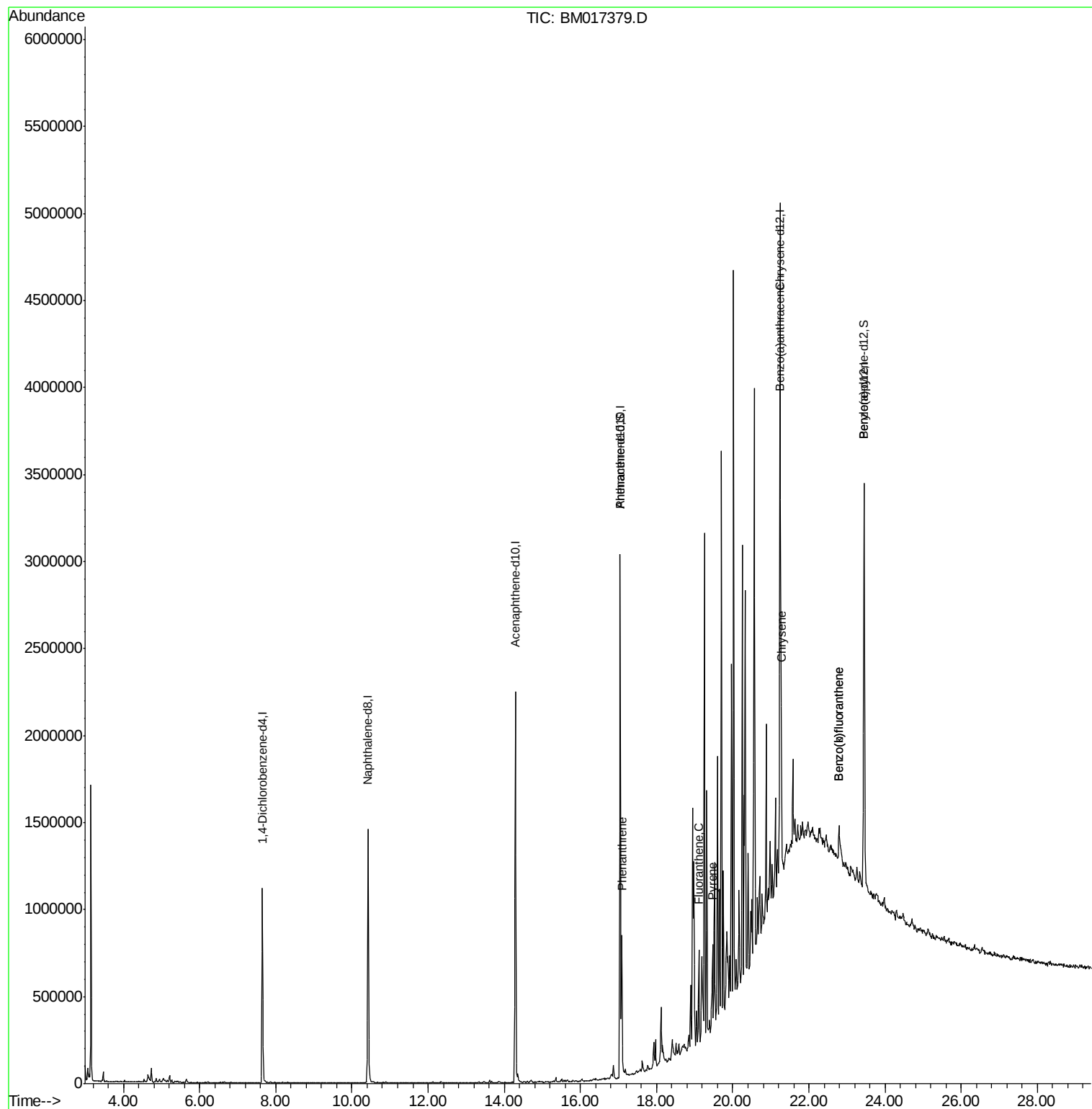
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	315776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1277672	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	765182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1786618	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1868344	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1761976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	263	0.04	ng/uL	0.02
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	10.43	131	1999	0.12	ng/ul	-0.15
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	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.30	176	4070	0.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.04	188	1786618	20.20	ng/ul	-0.10
79) Pyrene-d10	19.34	212	263	0.00	ng/ul	-0.11
90) Benzo(a)pyrene-d12	23.45	264	1721408	18.50	ng/ul	0.14
Target Compounds						
70) Phenanthrene	17.09	178	468478	4.566	ng/ul	99
77) Fluoranthene	19.11	202	294323	2.503	ng/ul	99
80) Pyrene	19.47	202	302206	2.785	ng/ul	99
83) Benzo(a)anthracene	21.23	228	144136	1.261	ng/ul	98
85) Chrysene	21.28	228	160284	1.474	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	116770	1.132	ng/ul#	81
89) Benzo(k)fluoranthene	22.80	252	116770	1.159	ng/ul#	81

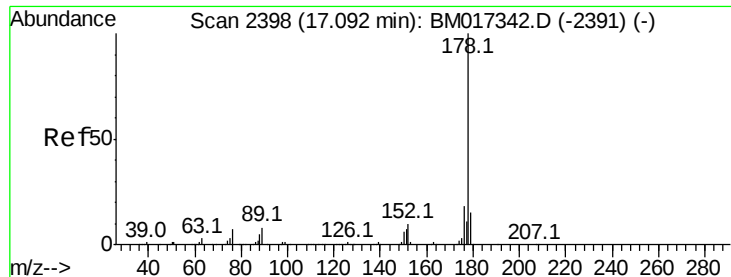
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 4.566 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM017379.D

Acq: 27 Oct 2018 09:58

Instrument :

BNA_M

ClientSampleId :

C0BK8

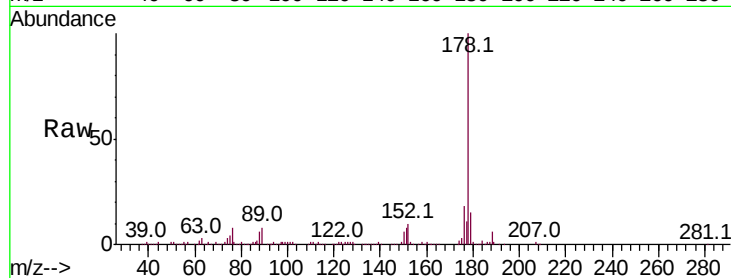
Tot Ion:178 Resp: 468478

Ion Ratio Lower Upper

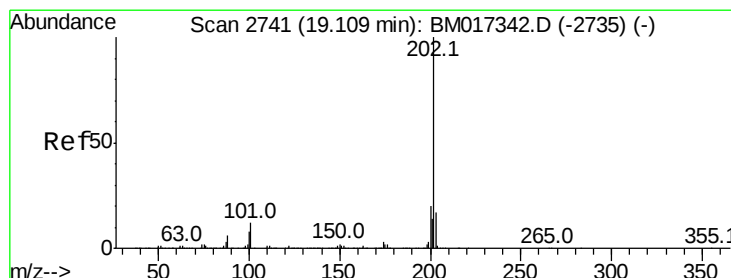
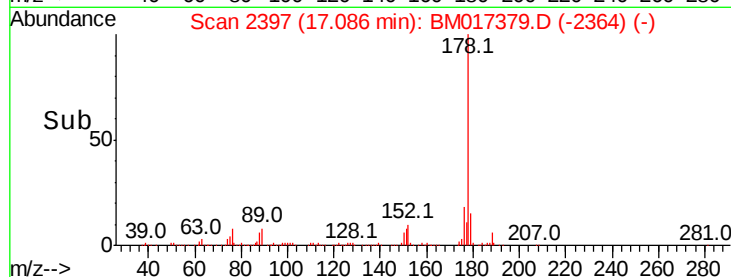
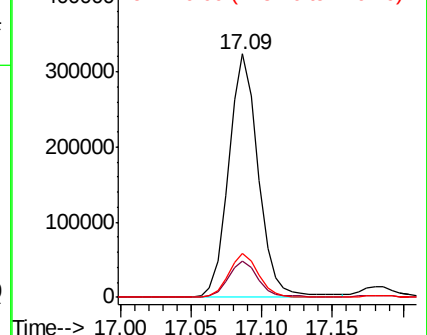
178 100

179 14.9 12.2 18.2

176 18.1 14.9 22.3



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: 2.503 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM017379.D

Acq: 27 Oct 2018 09:58

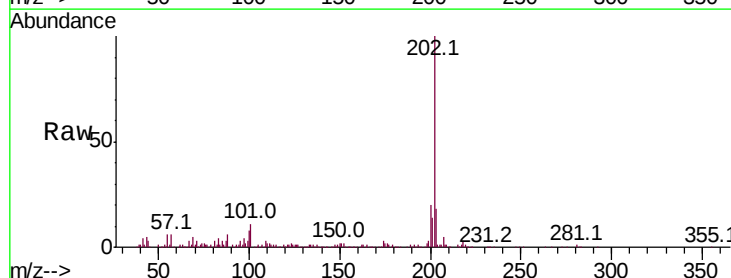
Tgt Ion:202 Resp: 294323

Ion Ratio Lower Upper

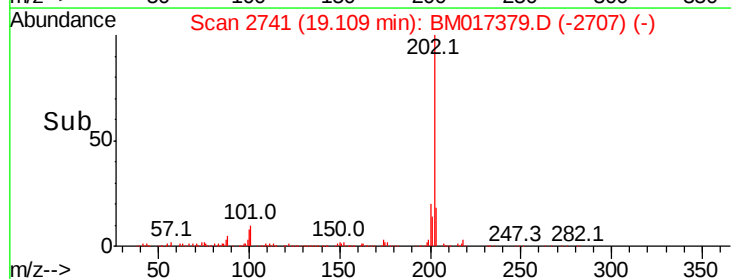
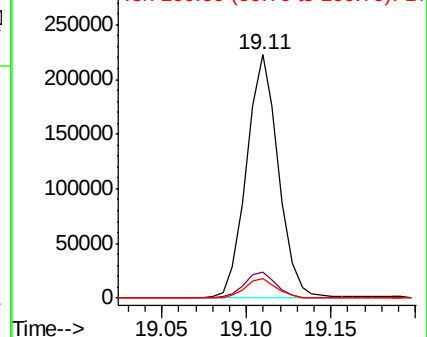
202 100

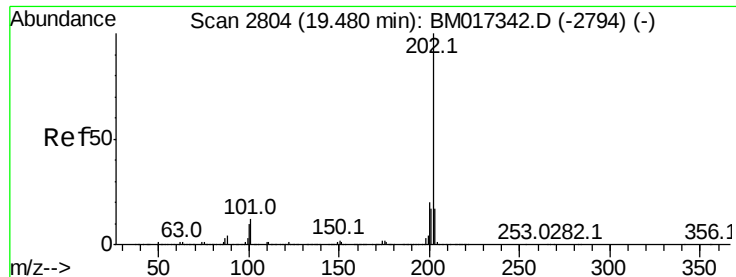
101 10.6 8.2 12.4

100 8.2 6.3 9.5



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

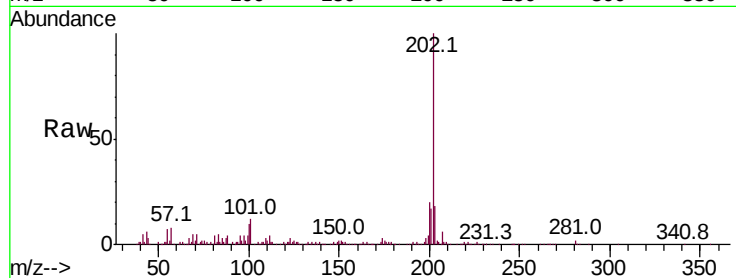




#80
Pvrene
Concen: 2.785 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM017379.D
Acq: 27 Oct 2018 09:58

Instrument :
BNA_M
ClientSampleId :
C0BK8

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.9	8.1	12.1

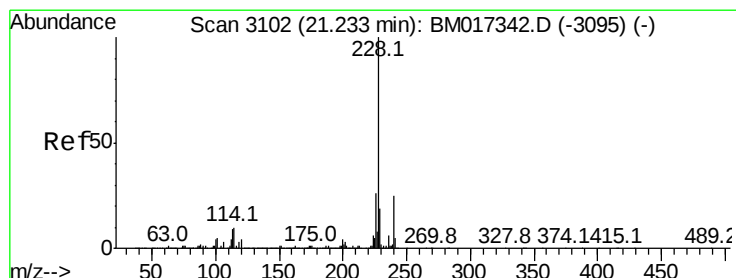
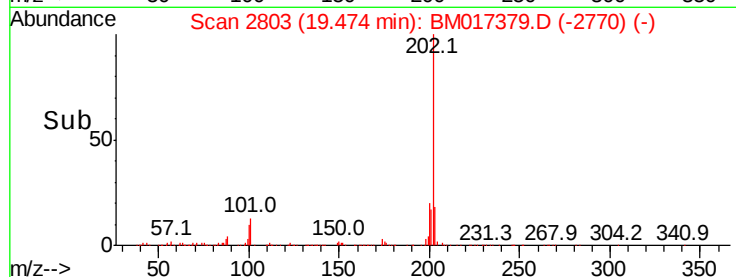
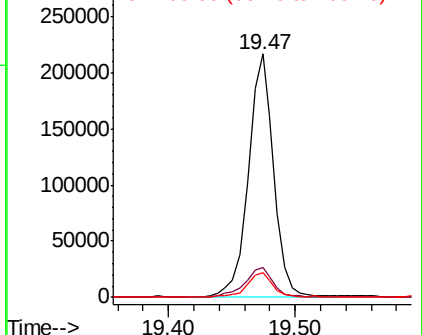


Abundance

Ion 202.00 (201.70 to 202.70): E

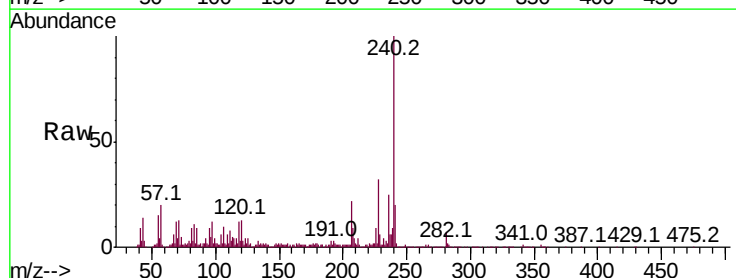
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 1.261 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017379.D
Acq: 27 Oct 2018 09:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.6	23.4
226	27.2	20.8	31.2

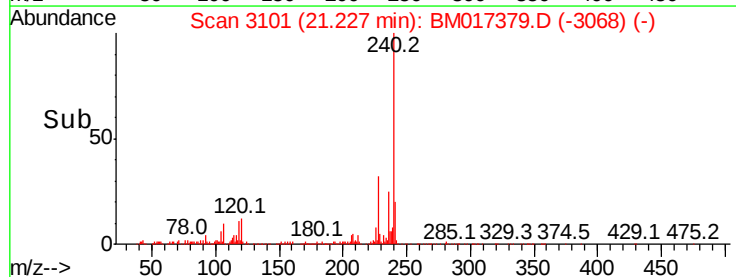
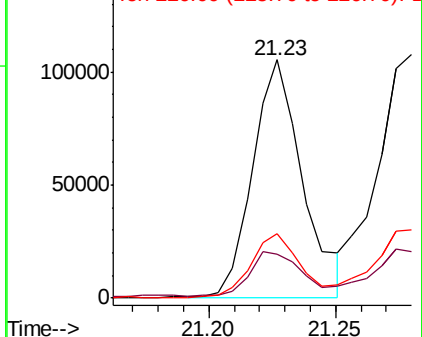


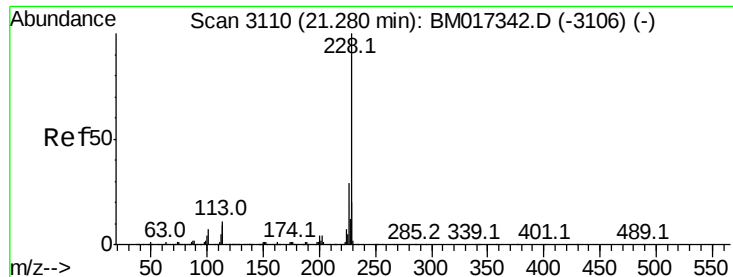
Abundance

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: 1.474 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM017379.D

Acq: 27 Oct 2018 09:58

Instrument :

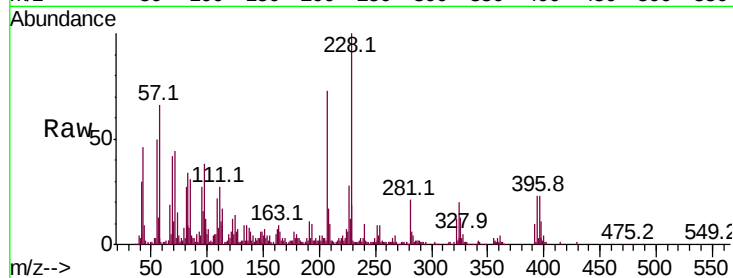
BNA_M

ClientSampled :

C0BK8

Tot Ion:228 Resp: 160284

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.3	34.9
229	19.0	15.6	23.4

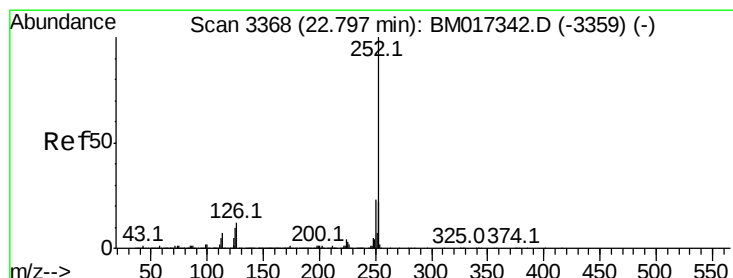
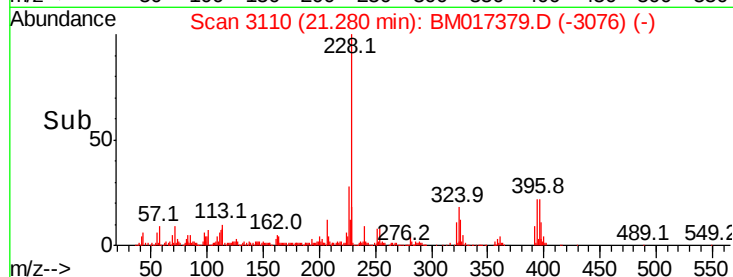
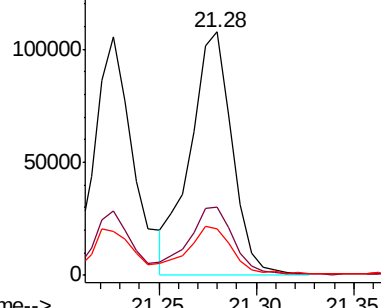


Abundance

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: 1.132 ng/ul

RT: 22.80 min Scan# 3368

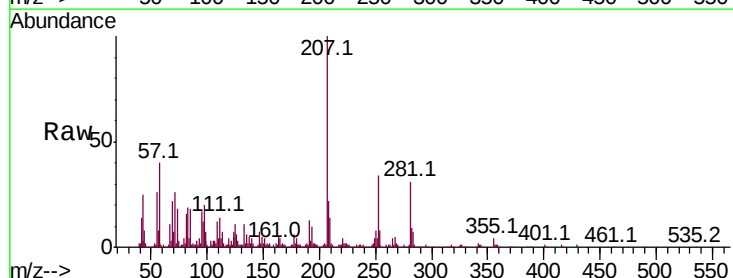
Delta R.T. 0.00 min

Lab File: BM017379.D

Acq: 27 Oct 2018 09:58

Tgt Ion:252 Resp: 116770

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	32.3	7.2	10.8#

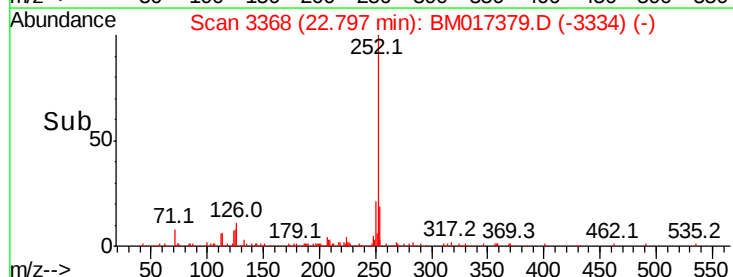
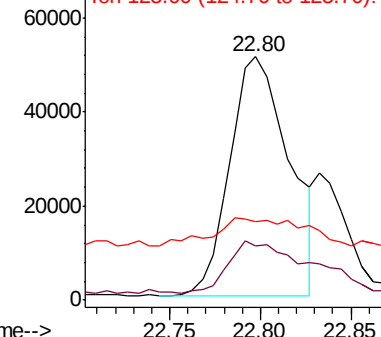


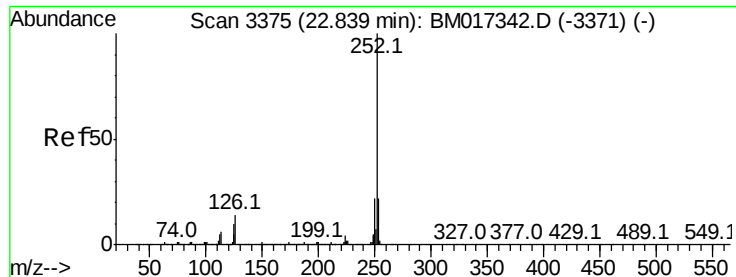
Abundance

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: 1.159 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM017379.D

Acq: 27 Oct 2018 09:58

Instrument :

BNA_M

ClientSampleId :

C0BK8

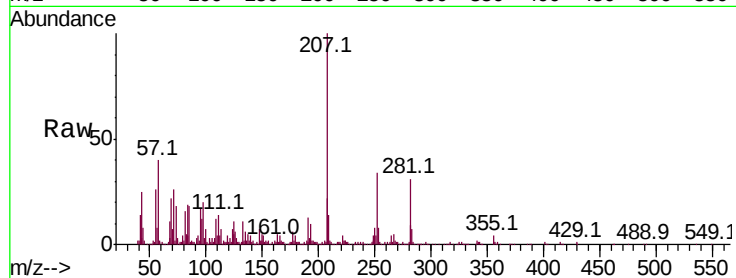
Tot Ion:252 Resp: 116770

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 32.3 7.8 11.6#



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

