

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
 Data File : BM017384.D
 Acq On : 27 Oct 2018 12:58
 Operator : MJ/SJ
 Sample : J5673-13
 Misc : GCMS Confirmation
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL7

Quant Time: Oct 29 01:13:42 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	356473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1582009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	902453	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1938849	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	2112022	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2064335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	513	0.07	ng/uL	0.00
5) Phenol-d5	6.70	99	710	0.02	ng/ul	-0.13
7) Bis-(2-Chloroethyl)ether-d	7.00	67	387	0.02	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.29	113	243	0.01	ng/ul	-0.08
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	10.54	131	392	0.02	ng/ul	-0.04
44) Dimethylphthalate-d6	13.73	166	227	0.00	ng/ul	0.01
47) Acenaphthylene-d8	13.97	160	156	0.00	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	8021	0.55	ng/ul	0.00
58) Fluorene-d10	15.29	176	8794	0.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	31634	2.34	ng/ul	0.04
71) Anthracene-d10	17.15	188	10806	0.11	ng/ul	0.00
79) Pyrene-d10	19.45	212	4310	0.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	2040280	18.71	ng/ul	0.14

Target Compounds

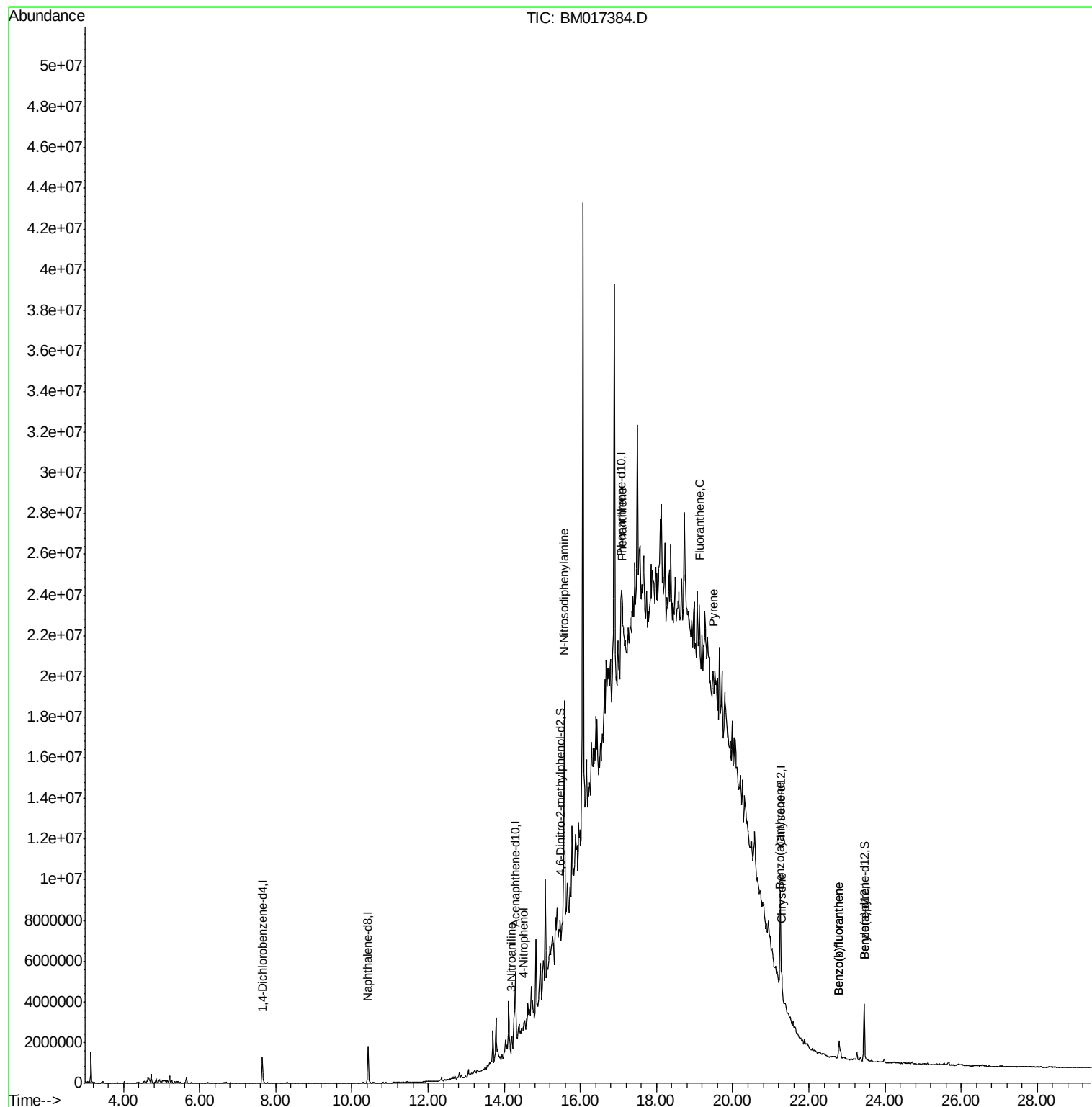
					Ovalue	
49) 3-Nitroaniline	14.19	138	22445	1.582	ng/ul#	17
53) 4-Nitrophenol	14.52	109	23172	2.114	ng/ul#	5
65) N-Nitrosodiphenylamine	15.57	169	262076	4.498	ng/ul#	50
70) Phenanthrene	17.10	178	479984	4.311	ng/ul#	63
77) Fluoranthene	19.13	202	1078885	8.454	ng/ul	98
80) Pyrene	19.49	202	778060	6.344	ng/ul	99
83) Benzo(a)anthracene	21.23	228	520719	4.029	ng/ul	96
85) Chrysene	21.29	228	574966	4.678	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	690876	5.717	ng/ul#	97
89) Benzo(k)fluoranthene	22.79	252	690876	5.853	ng/ul#	97

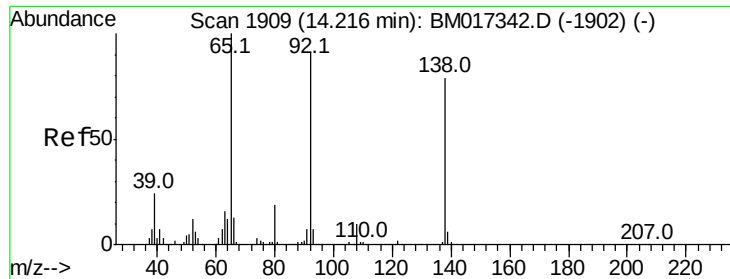
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#49

3-Nitroaniline

Concen: 1.582 ng/ul

RT: 14.19 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BM017384.D

Acq: 27 Oct 2018 12:58

Instrument :

BNA_M

ClientSampleId :

C0BL7

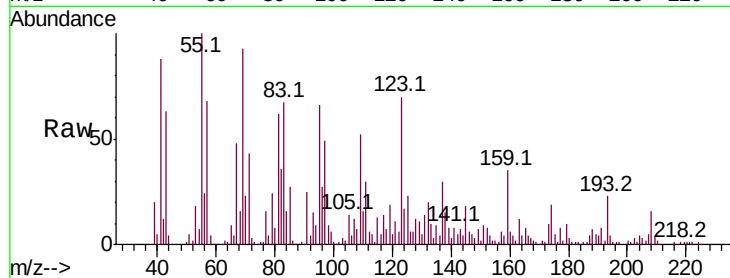
Tot Ion:138 Resp: 22445

Ion Ratio Lower Upper

138 100

108 42.1 9.0 13.4#

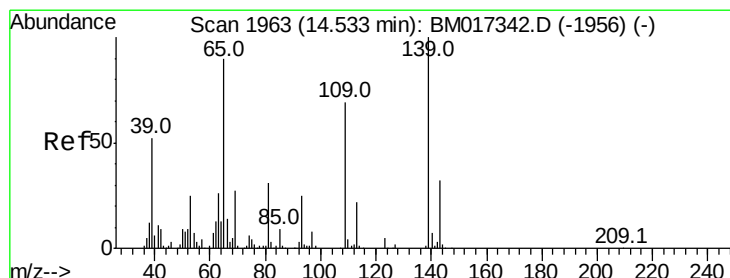
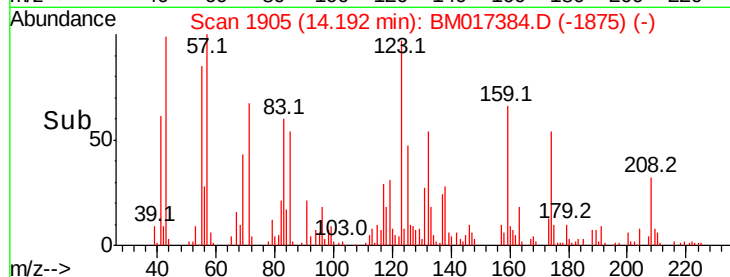
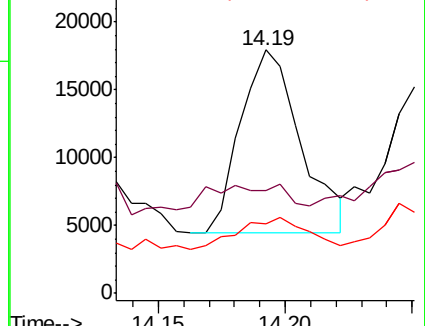
92 28.8 97.1 145.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#53

4-Nitrophenol

Concen: 2.114 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BM017384.D

Acq: 27 Oct 2018 12:58

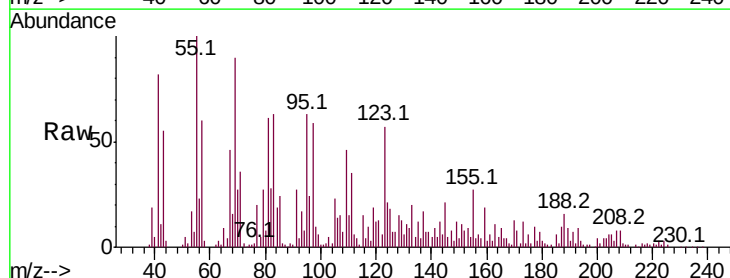
Tgt Ion:109 Resp: 23172

Ion Ratio Lower Upper

109 100

139 16.2 103.4 155.0#

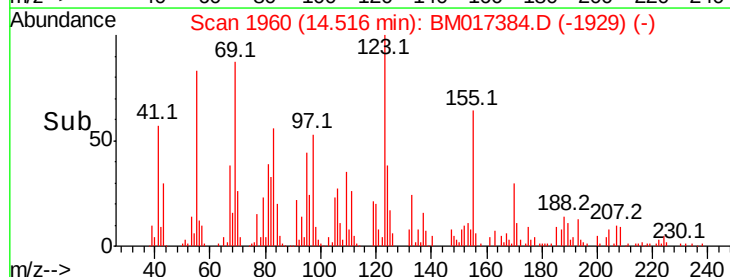
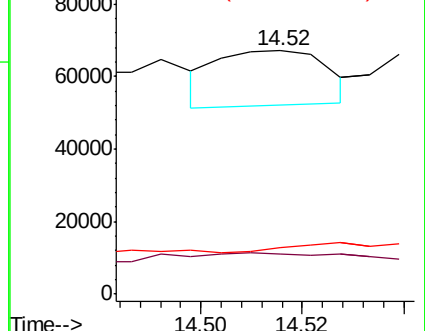
65 19.3 101.0 151.6#

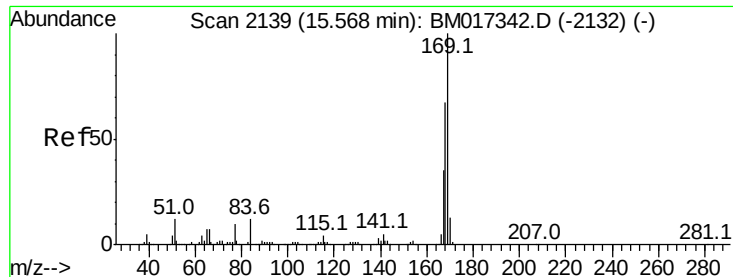


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

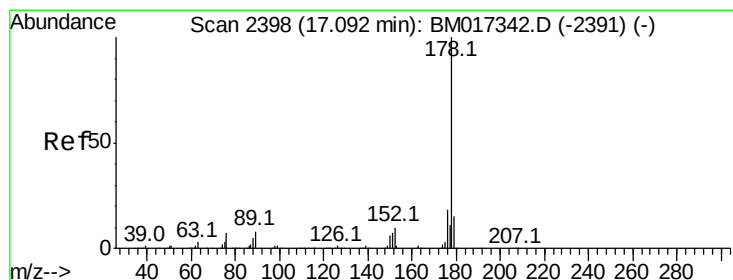
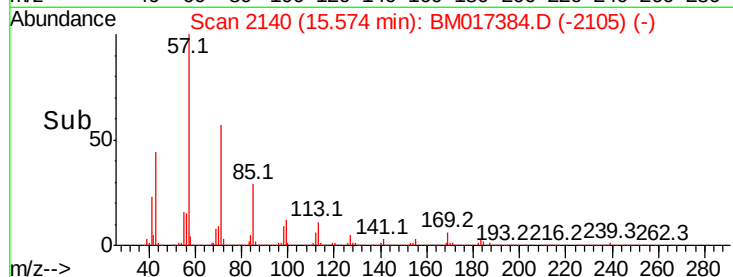
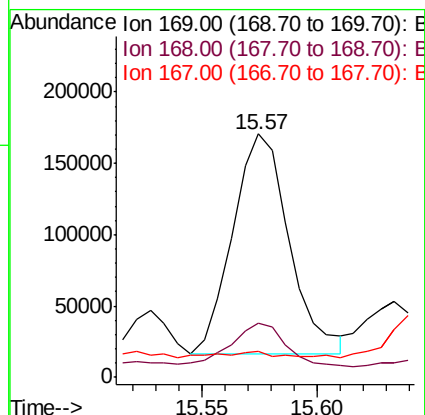
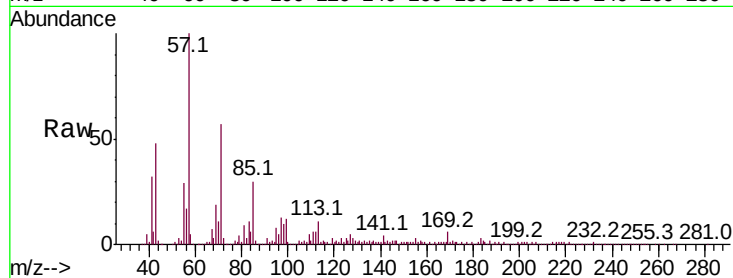




#65
N-Nitrosodiphenylamine
Concen: 4.498 ng/ul
RT: 15.57 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

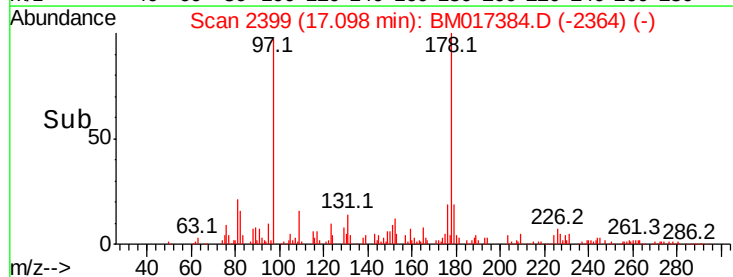
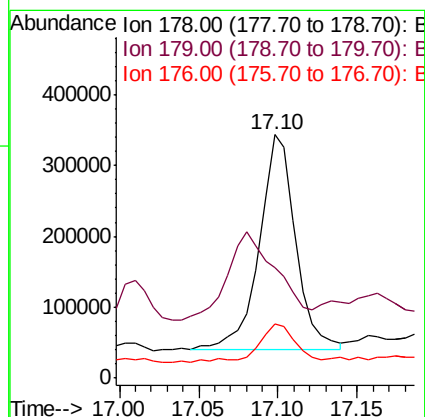
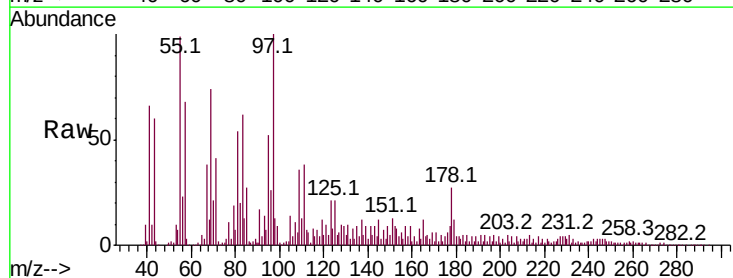
Instrument :
BNA_M
ClientSampleId :
C0BL7

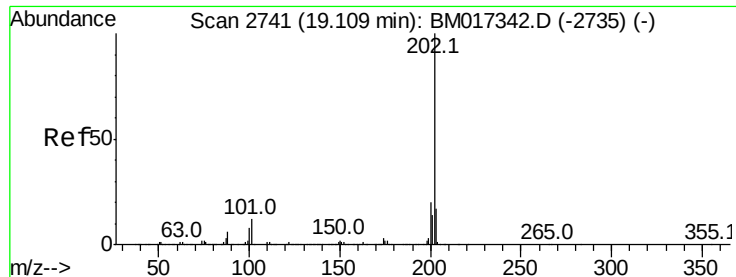
Tot Ion:169 Resp: 262076
Ion Ratio Lower Upper
169 100
168 22.1 52.2 78.4#
167 10.5 28.1 42.1#



#70
Phenanthrene
Concen: 4.311 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

Tgt Ion:178 Resp: 479984
Ion Ratio Lower Upper
178 100
179 45.6 12.2 18.2#
176 22.2 14.9 22.3

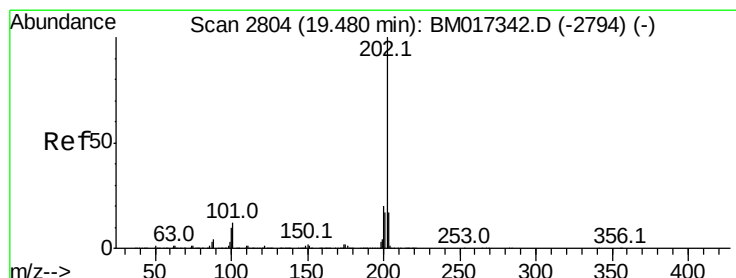
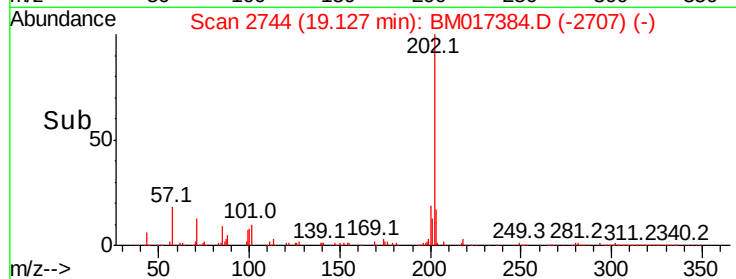
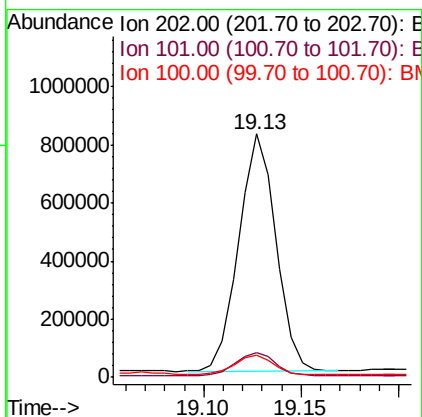
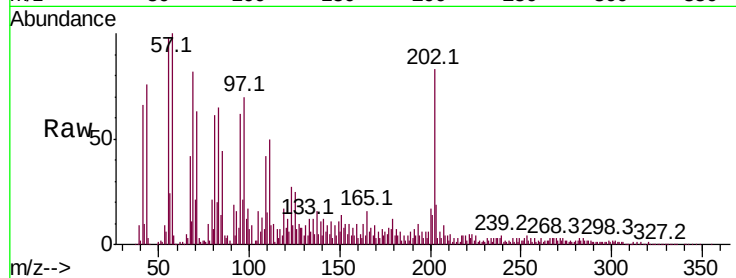




#77
Fluoranthene
Concen: 8.454 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. 0.02 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

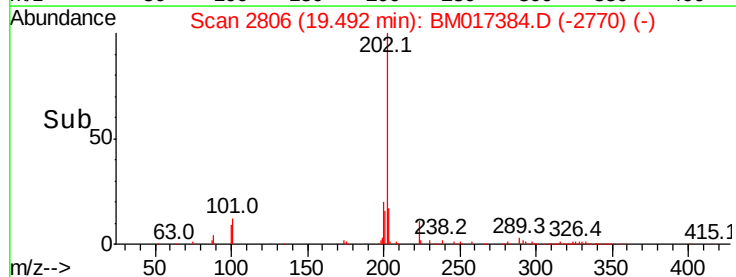
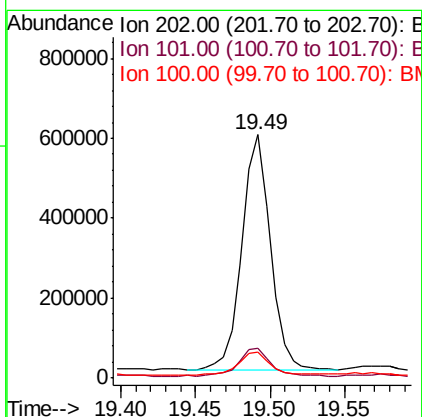
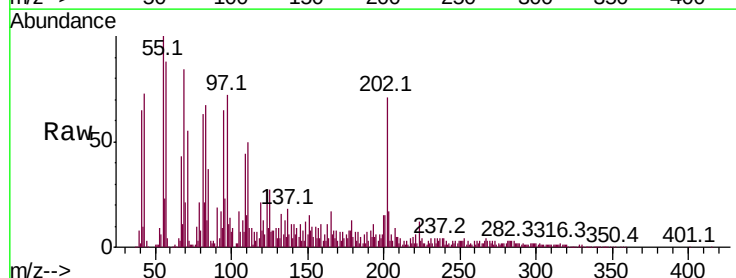
Instrument :
BNA_M
ClientSampleId :
C0BL7

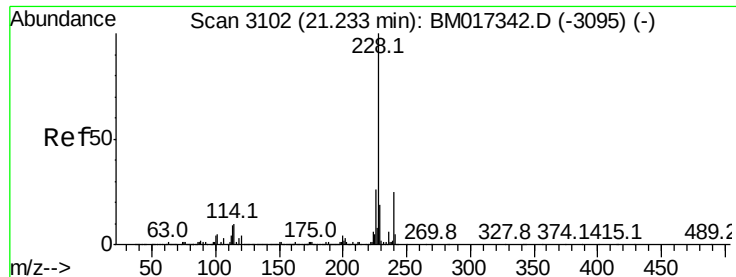
Tot Ion:202 Resp: 1078885
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 9.0 6.3 9.5



#80
Pyrene
Concen: 6.344 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

Tgt Ion:202 Resp: 778060
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 10.5 8.1 12.1

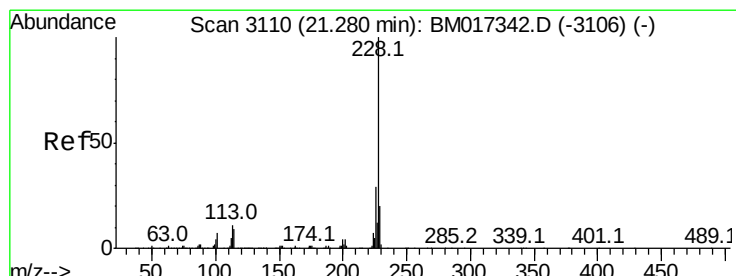
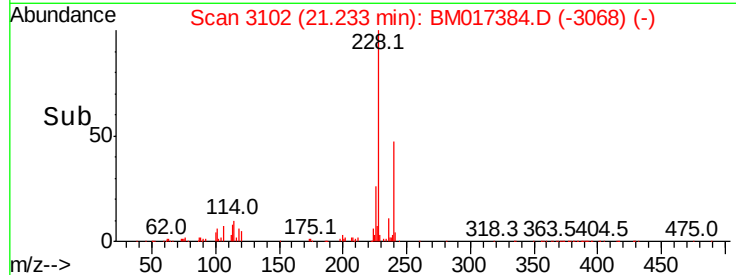
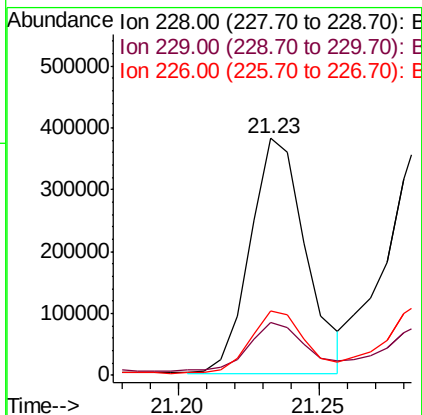
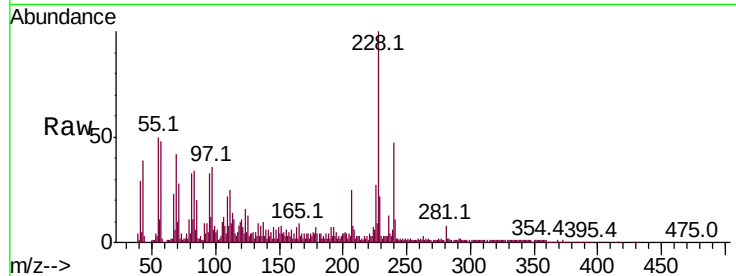




#83
Benzo(a)anthracene
Concen: 4.029 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

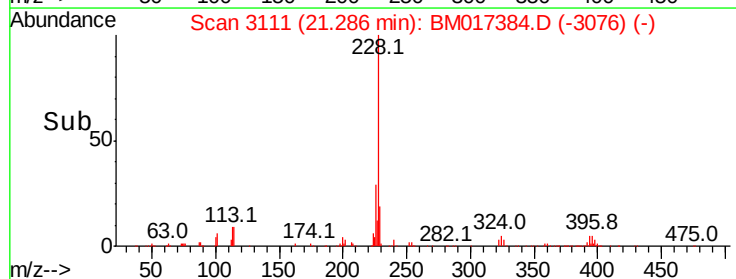
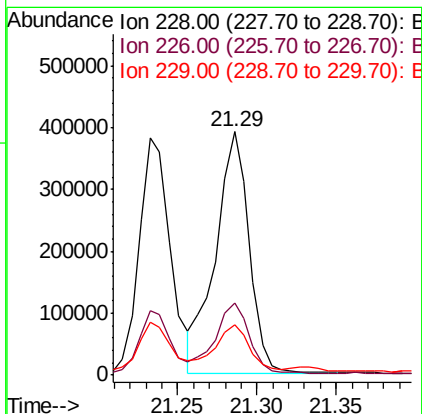
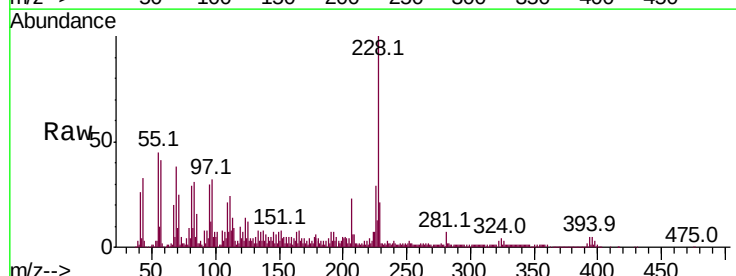
Instrument :
BNA_M
ClientSampleId :
C0BL7

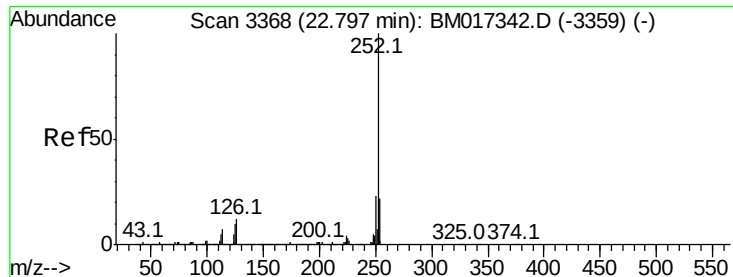
Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	26.9	20.8	31.2



#85
Chrysene
Concen: 4.678 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM017384.D
Acq: 27 Oct 2018 12:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	20.9	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 5.717 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM017384.D

Acq: 27 Oct 2018 12:58

Instrument :

BNA_M

ClientSampleId :

C0BL7

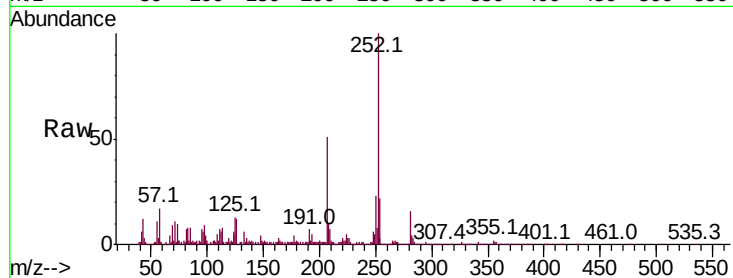
Tot Ion:252 Resp: 690876

Ion Ratio Lower Upper

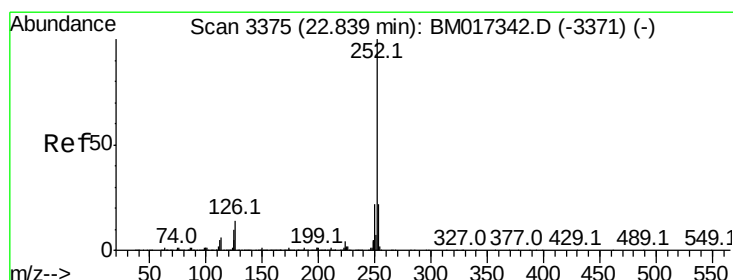
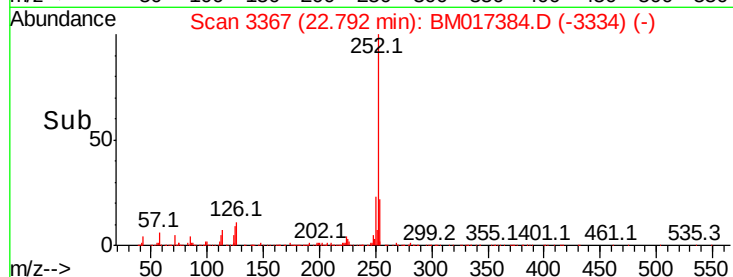
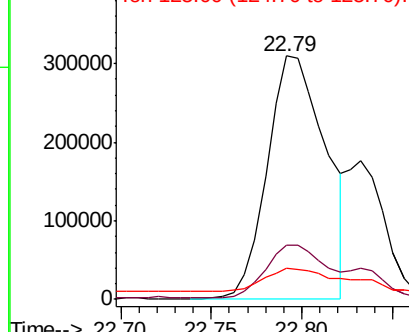
252 100

253 22.2 17.6 26.4

125 12.6 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: 5.853 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. -0.05 min

Lab File: BM017384.D

Acq: 27 Oct 2018 12:58

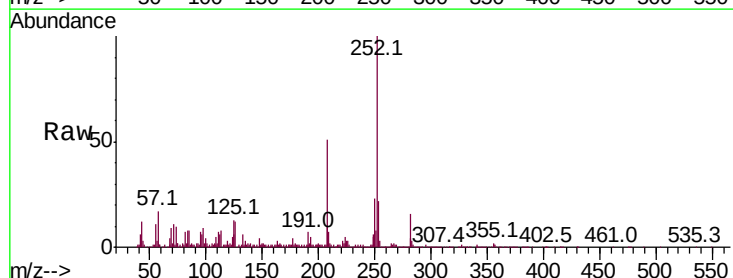
Tgt Ion:252 Resp: 690876

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.6 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

