

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017113.D
 Acq On : 11 Oct 2018 00:48
 Operator : MJ/SJ
 Sample : J5234-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 04:42:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 11 04:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	317978	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1484701	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	829562	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1771681	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1359926	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1311685	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15941	2.49	ng/uL	0.00
5) Phenol-d5	6.87	99	500403	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	286238	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	436407	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	441801	21.21	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	218732	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	244325	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	464460	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	198358	7.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1377020	20.92	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1761718	20.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	182518	14.68	ng/ul	0.00
58) Fluorene-d10	15.33	176	1246290	21.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	171274	16.39	ng/ul	0.00
71) Anthracene-d10	17.18	188	1769689	20.91	ng/ul	0.00
79) Pyrene-d10	19.48	212	1629430	26.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1406521	20.95	ng/ul	0.00

Target Compounds

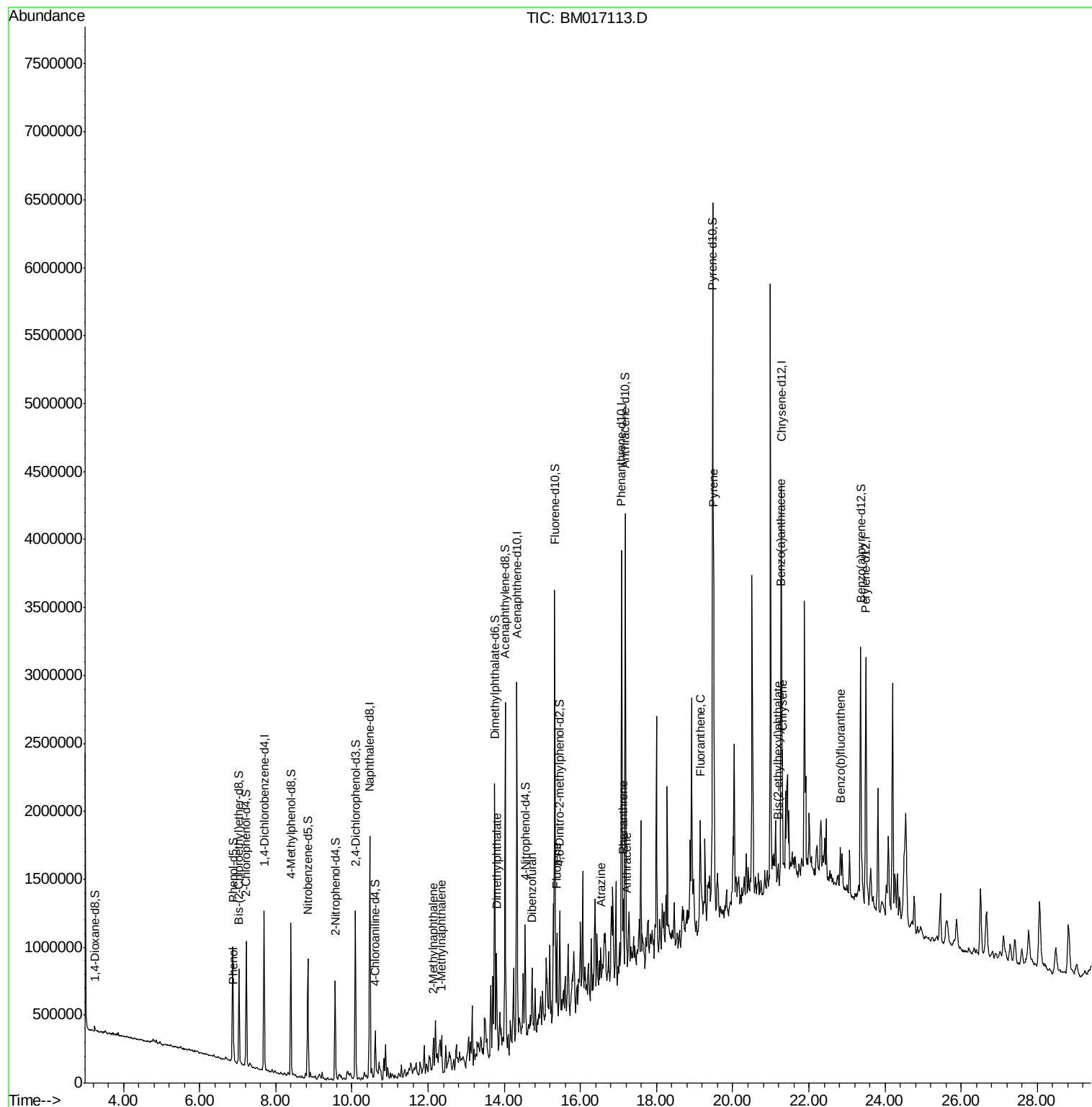
					Ovalue	
6) Phenol	6.89	94	58717	2.208	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	133085	2.470	ng/ul	99
35) 1-Methylnaphthalene	12.36	142	123012	2.345	ng/ul#	97
45) Dimethylphthalate	13.79	163	471436	7.234	ng/ul	99
54) Dibenzofuran	14.73	168	115996	1.435	ng/ul	98
59) Fluorene	15.39	166	176363	2.676	ng/ul#	96
68) Atrazine	16.55	200	20346	1.115	ng/ul#	5
70) Phenanthrene	17.12	178	340720	3.430	ng/ul#	94
72) Anthracene	17.22	178	108089	1.071	ng/ul#	83
77) Fluoranthene	19.14	202	242148	2.104	ng/ul	97
80) Pyrene	19.50	202	287138	3.644	ng/ul	96
83) Benzo(a)anthracene	21.26	228	96417	1.182	ng/ul#	77
84) Bis(2-ethylhexyl)phthalate	21.20	149	48804	1.158	ng/ul#	80
85) Chrysene	21.31	228	89667	1.136	ng/ul#	79
88) Benzo(b)fluoranthene	22.83	252	85080	1.089	ng/ul#	78

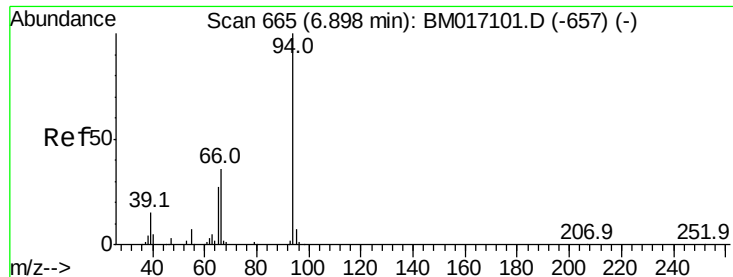
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 11 04:38:36 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.208 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

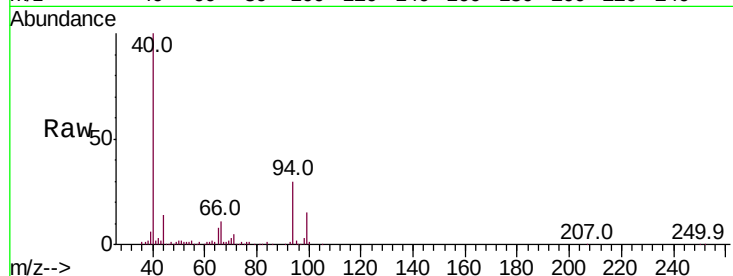
Instrument :

BNA_M

ClientSampled :

Tot Ion: 94 Resp: 58717

Ion	Ratio	Lower	Upper
94	100		
65	27.8	22.8	34.2
66	37.4	29.5	44.3

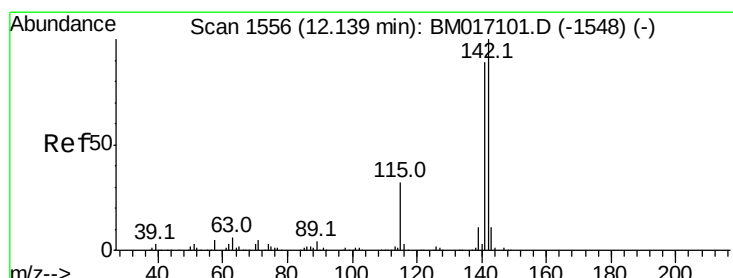
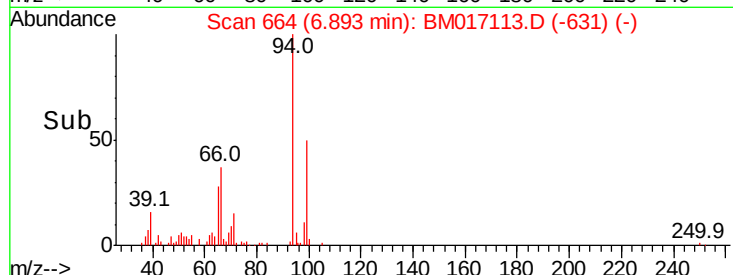
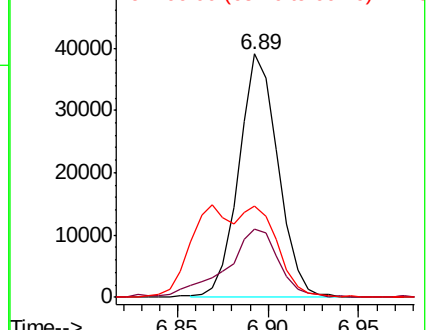


Abundance

Ion 94.00 (93.70 to 94.70): BM017101.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BM017101.D (-657) (-)

Ion 66.00 (65.70 to 66.70): BM017101.D (-657) (-)



#34

2-Methylnaphthalene

Concen: 2.470 ng/ul

RT: 12.13 min Scan# 1555

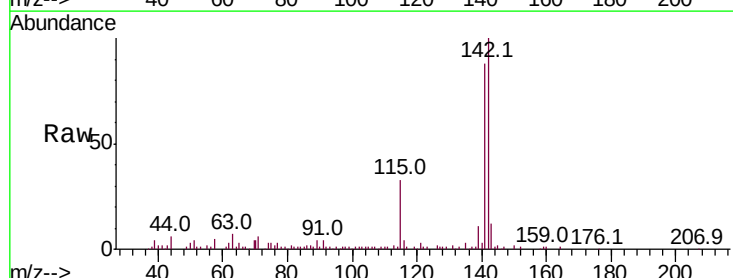
Delta R.T. -0.01 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

Tgt Ion: 142 Resp: 133085

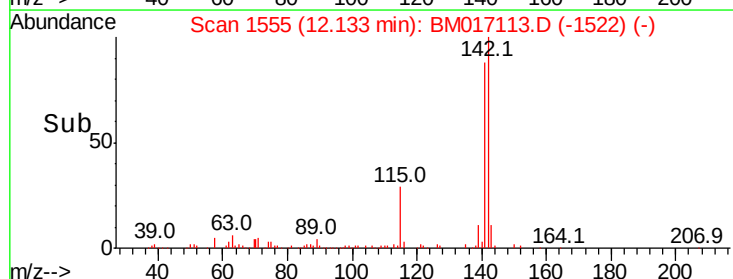
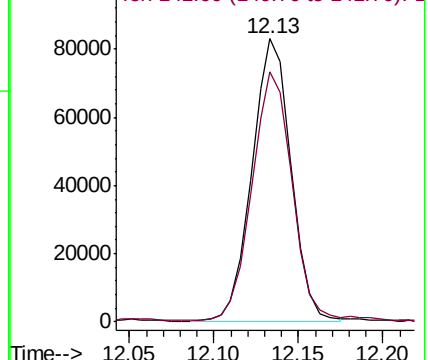
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3

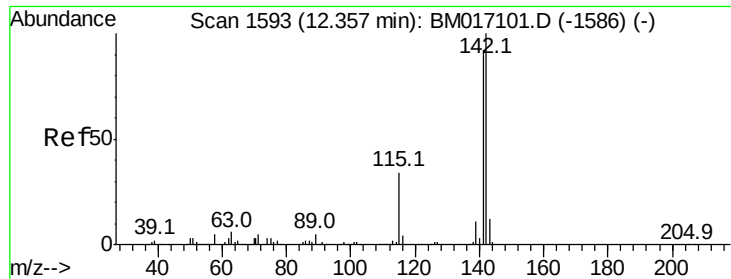


Abundance

Ion 142.00 (141.70 to 142.70): BM017101.D (-1548) (-)

Ion 141.00 (140.70 to 141.70): BM017101.D (-1548) (-)

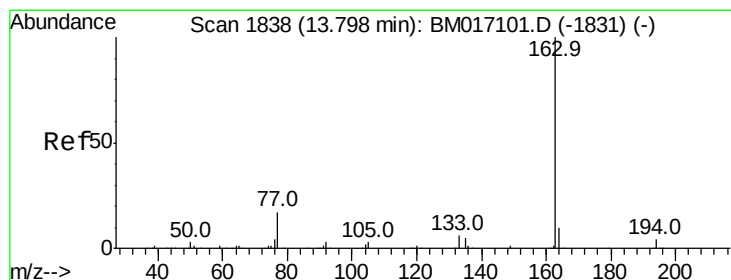
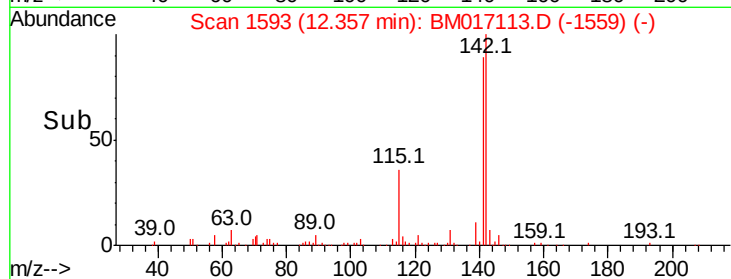
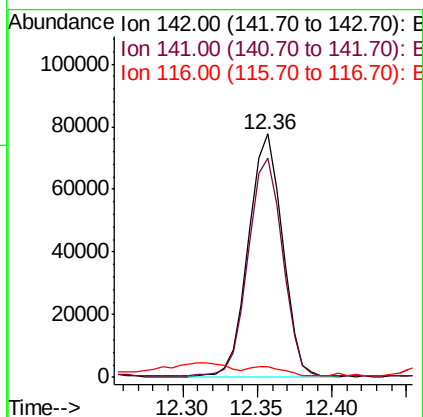
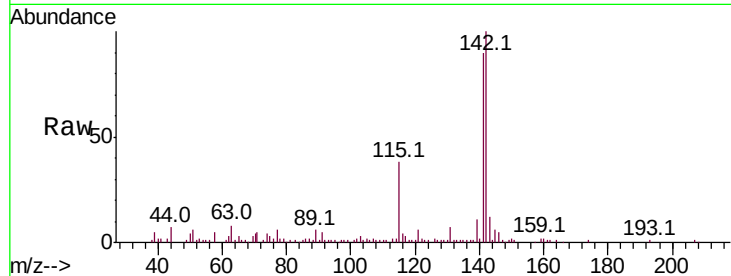




#35
 1-Methylnaphthalene
 Concen: 2.345 ng/ul
 RT: 12.36 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BM017113.D
 Acq: 11 Oct 2018 00:48

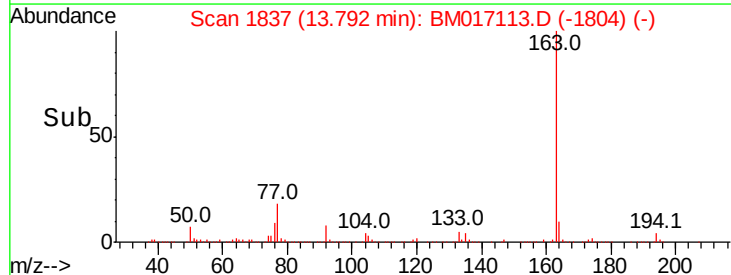
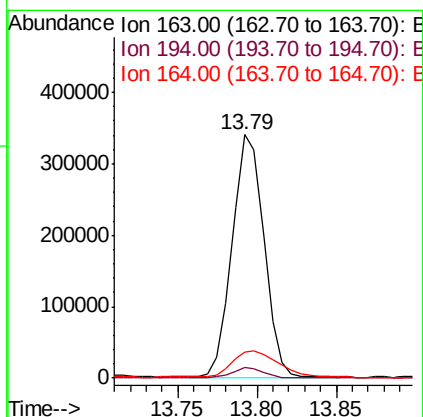
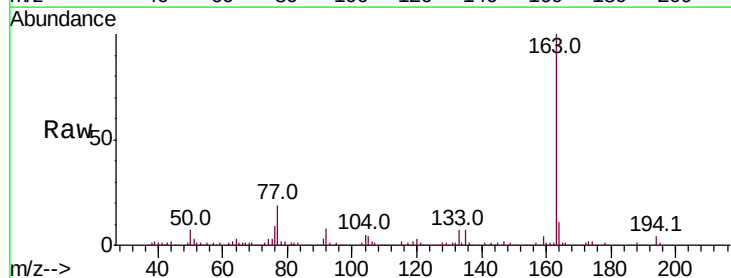
Instrument :
 BNA_M
 ClientSampleId :

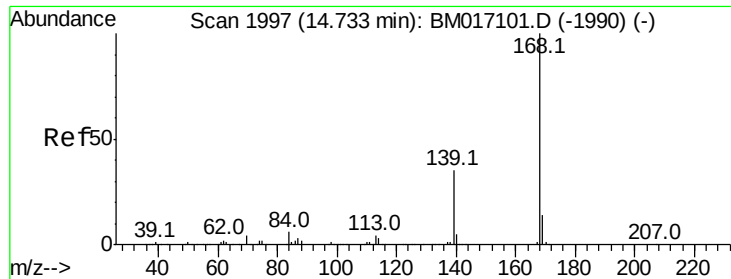
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	74.2	111.4
116	4.2	2.6	4.0#



#45
 Dimethylphthalate
 Concen: 7.234 ng/ul
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BM017113.D
 Acq: 11 Oct 2018 00:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.6	8.0	12.0





#54

Dibenzofuran

Concen: 1.435 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

Instrument :

BNA_M

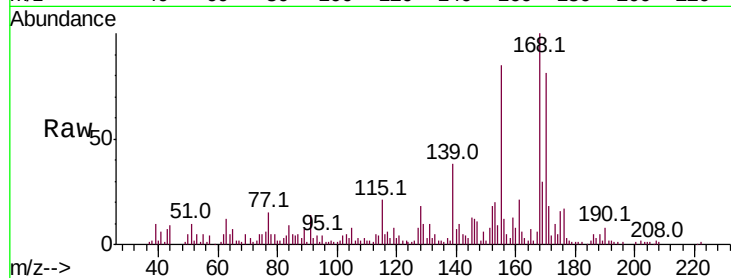
ClientSampleId :

Tot Ion:168 Resp: 115996

Ion Ratio Lower Upper

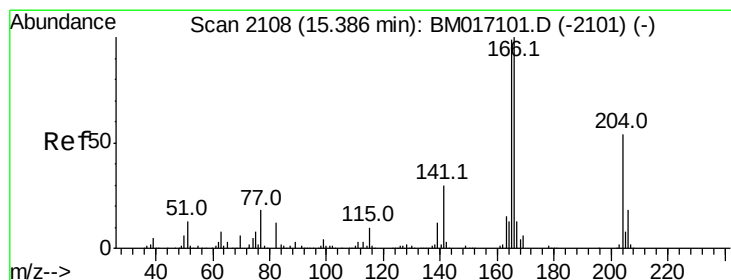
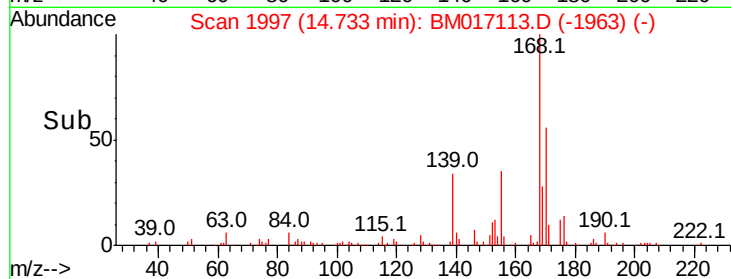
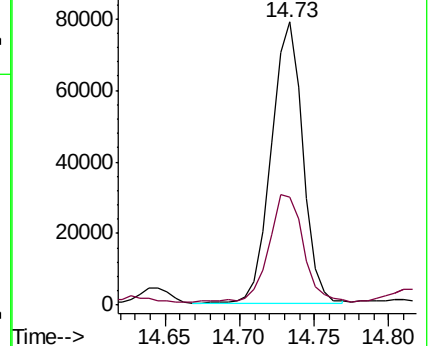
168 100

139 38.3 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.676 ng/ul

RT: 15.39 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

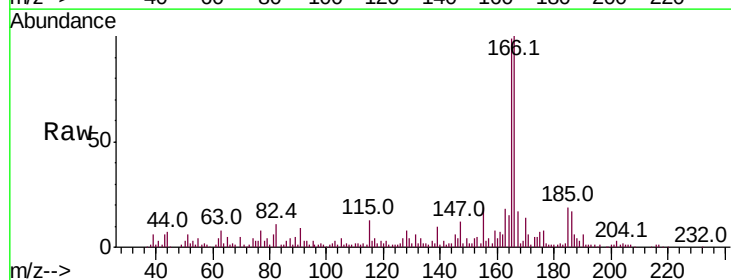
Tgt Ion:166 Resp: 176363

Ion Ratio Lower Upper

166 100

165 99.5 77.3 115.9

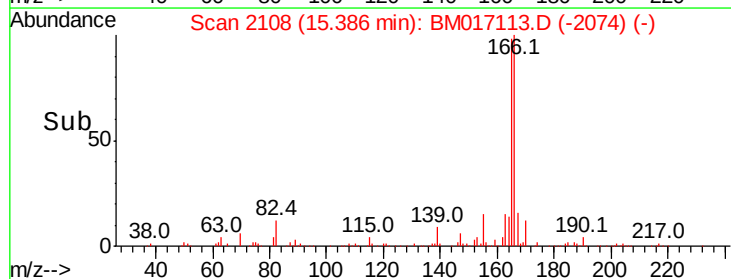
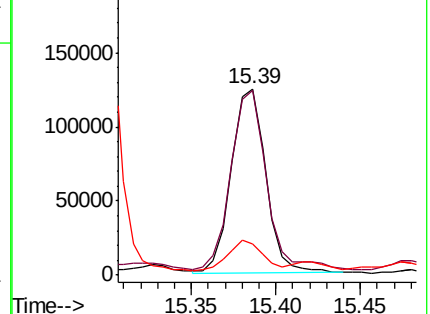
167 17.1 10.7 16.1#

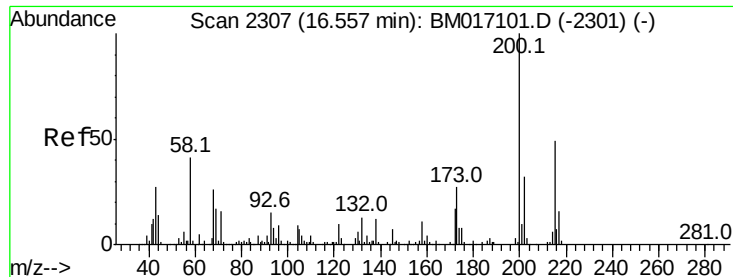


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

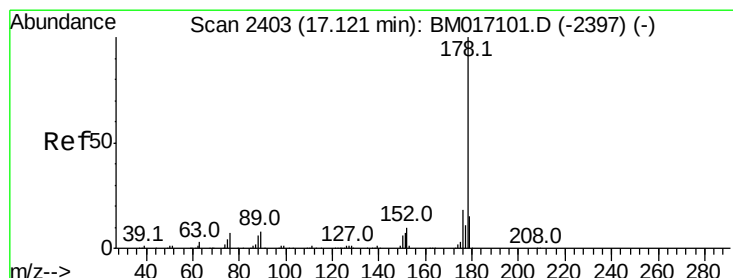
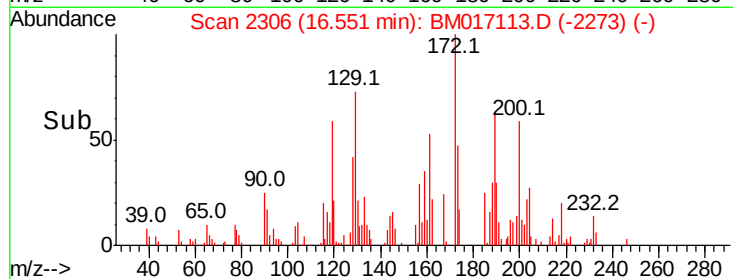
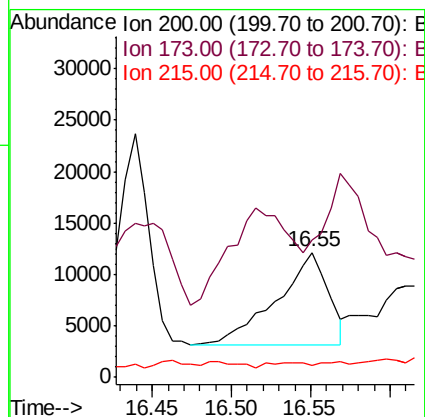
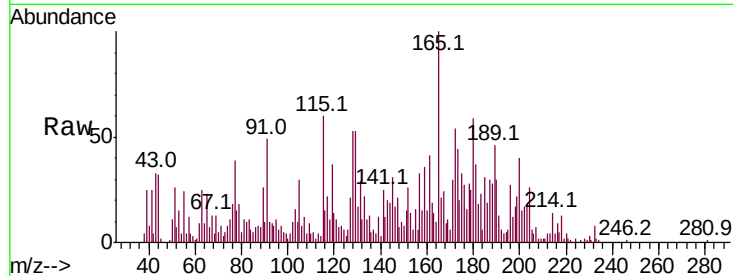




#68
 Atrazine
 Concen: 1.115 ng/ul
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM017113.D
 Acq: 11 Oct 2018 00:48

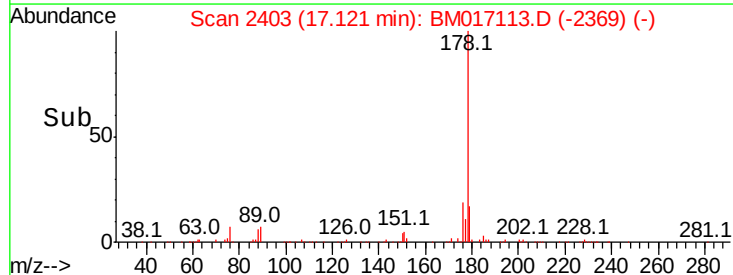
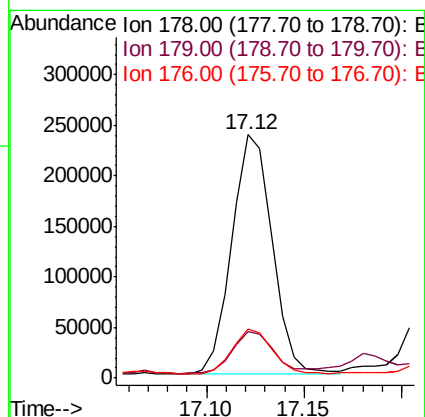
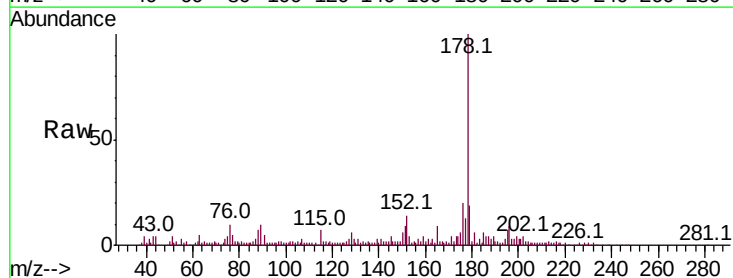
Instrument :
 BNA_M
 ClientSampled :

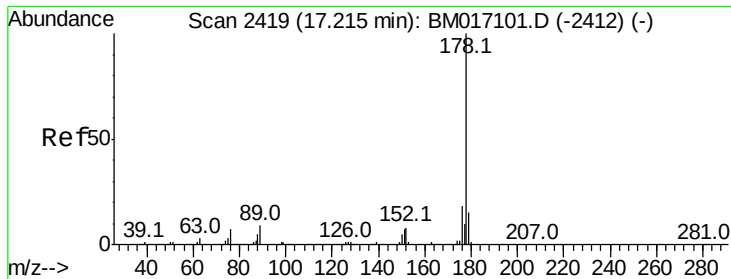
Tot Ion	Ratio	Lower	Upper
200	100		
173	110.5	21.0	31.4#
215	9.8	39.8	59.8#



#70
 Phenanthrene
 Concen: 3.430 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. 0.00 min
 Lab File: BM017113.D
 Acq: 11 Oct 2018 00:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.2	18.2#
176	20.4	15.0	22.4





#72

Anthracene

Concen: 1.071 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

Instrument :

BNA_M

ClientSampled :

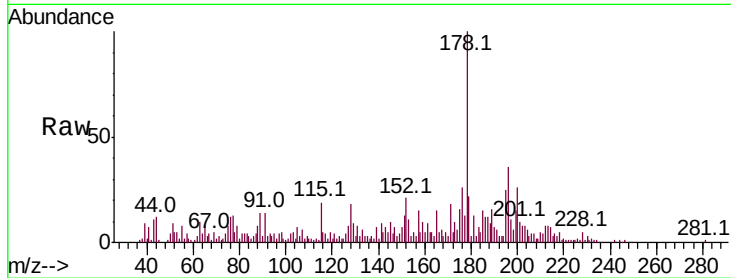
Tot Ion:178 Resp: 108089

Ion Ratio Lower Upper

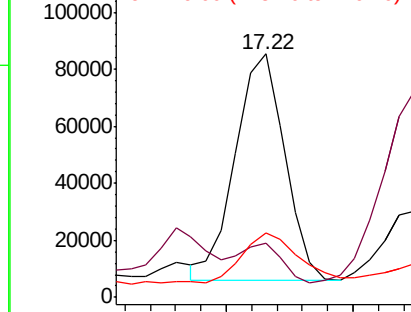
178 100

179 22.0 12.2 18.4#

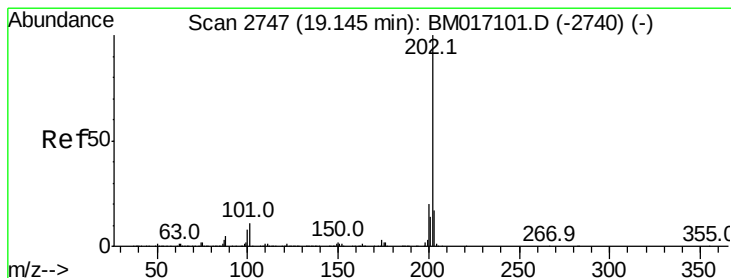
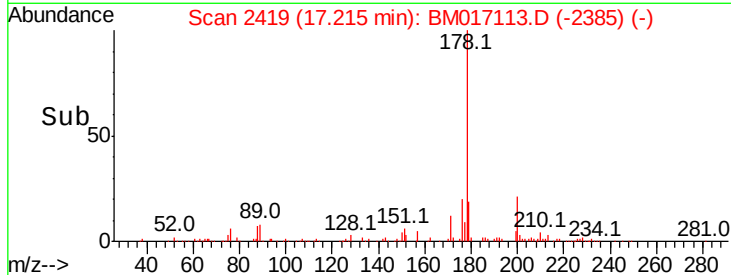
176 26.3 14.6 22.0#



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



Time-->



#77

Fluoranthene

Concen: 2.104 ng/ul

RT: 19.14 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

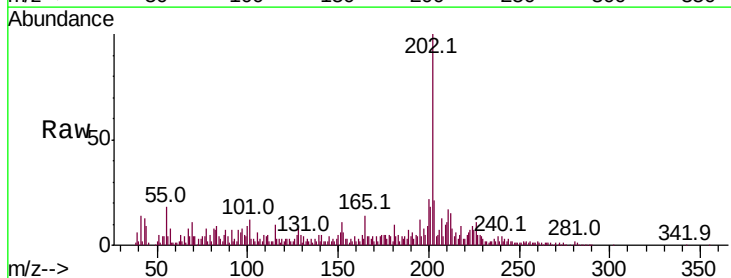
Tgt Ion:202 Resp: 242148

Ion Ratio Lower Upper

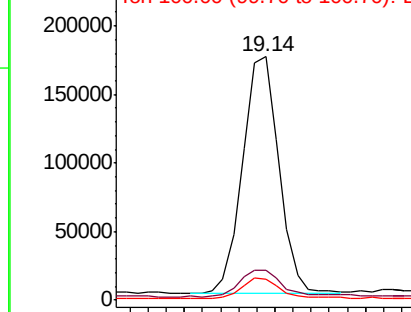
202 100

101 12.1 8.3 12.5

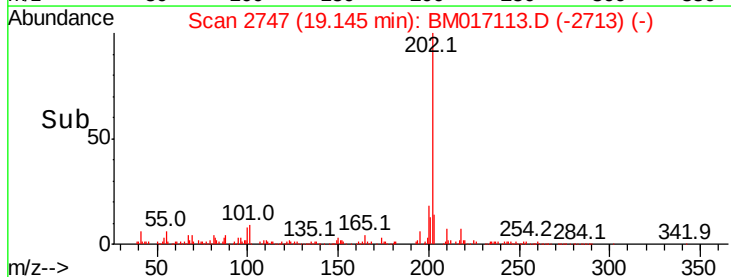
100 8.6 6.6 9.8

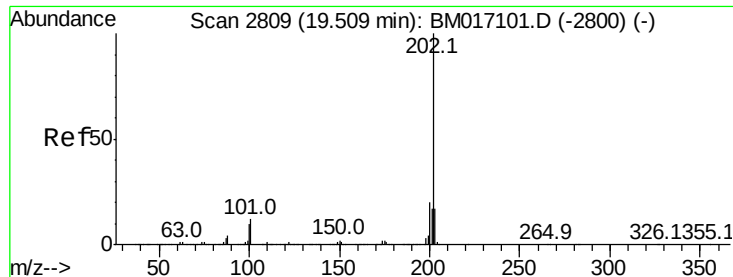


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time-->

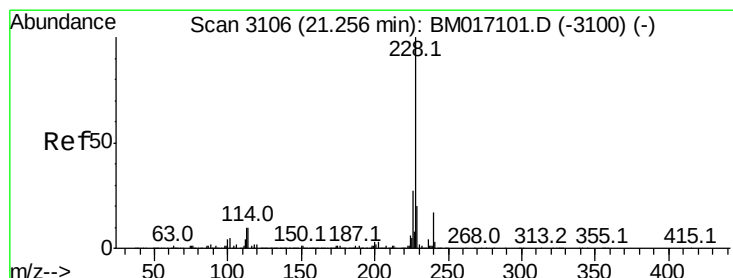
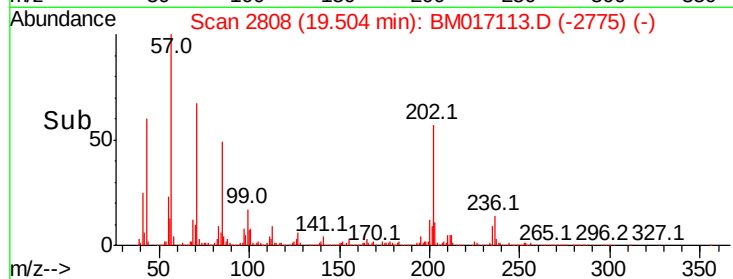
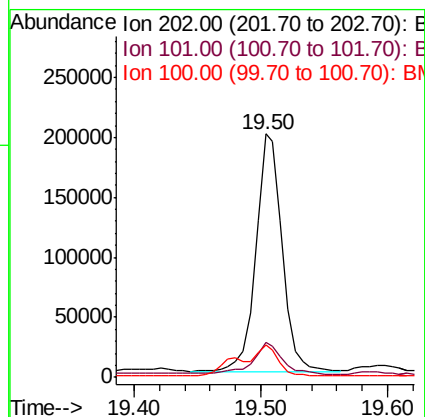
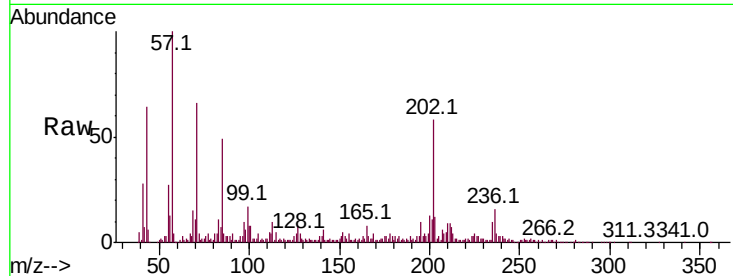




#80
Pvrene
Concen: 3.644 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM017113.D
Acq: 11 Oct 2018 00:48

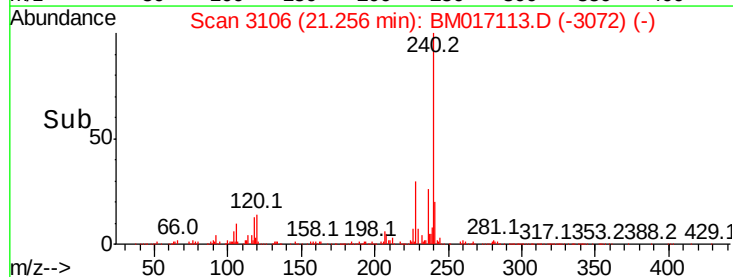
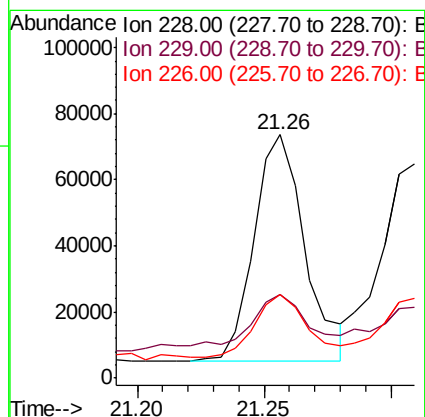
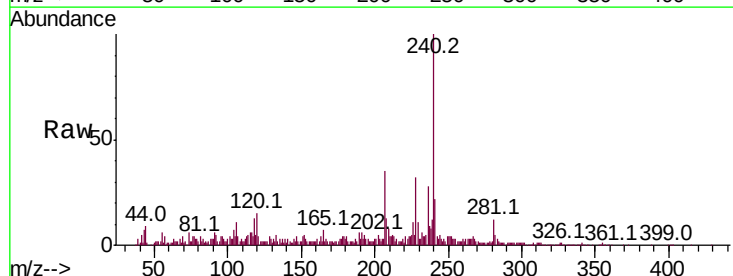
Instrument :
BNA_M
ClientSampleId :

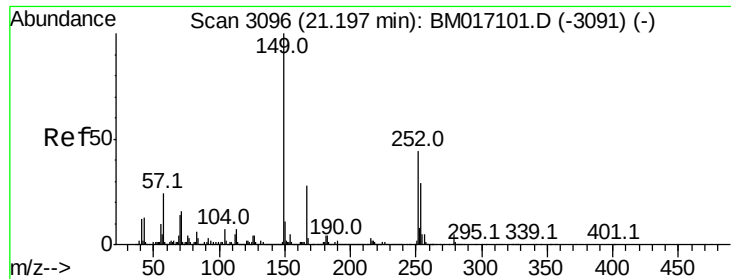
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.8	16.2
100	13.1	8.9	13.3



#83
Benzo(a)anthracene
Concen: 1.182 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BM017113.D
Acq: 11 Oct 2018 00:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	34.4	15.7	23.5#
226	34.6	20.9	31.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.158 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

Instrument :

BNA_M

ClientSampleId :

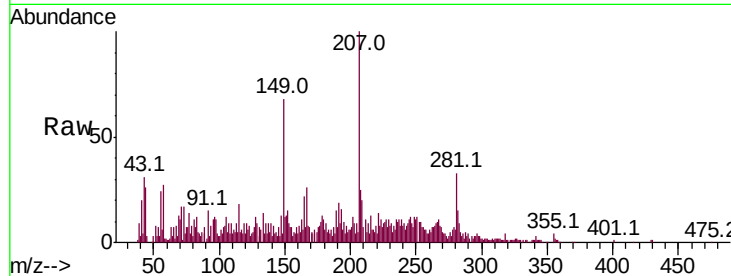
Tot Ion:149 Resp: 48804

Ion Ratio Lower Upper

149 100

167 38.9 22.5 33.7#

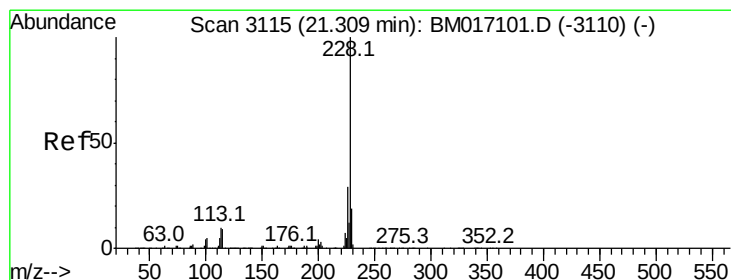
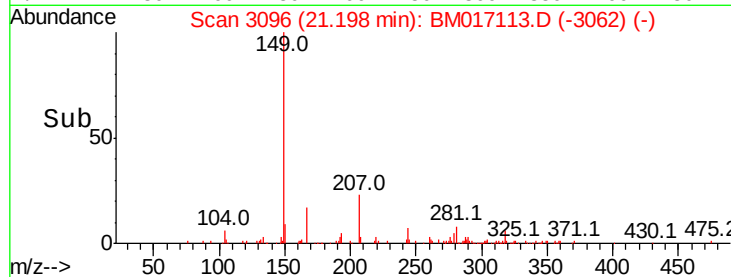
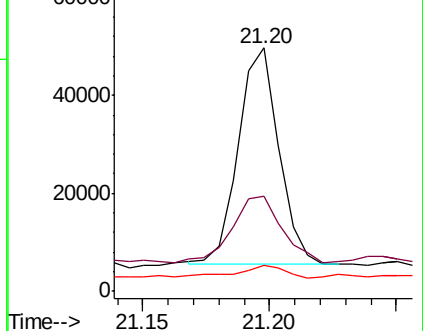
279 10.4 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.136 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

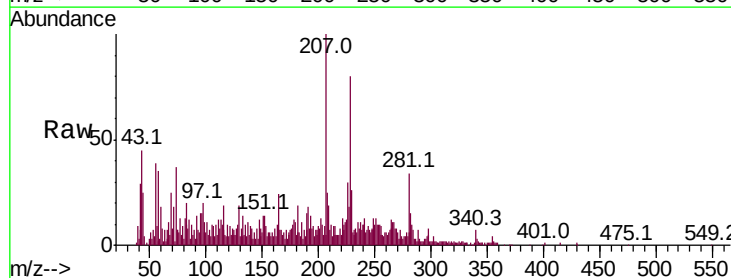
Tgt Ion:228 Resp: 89667

Ion Ratio Lower Upper

228 100

226 37.2 23.4 35.2#

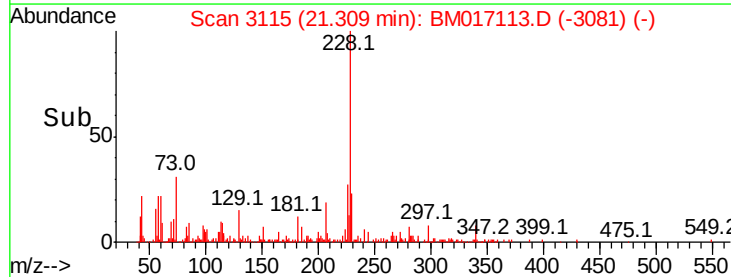
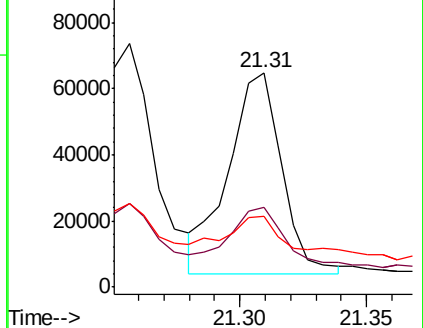
229 33.0 15.6 23.4#

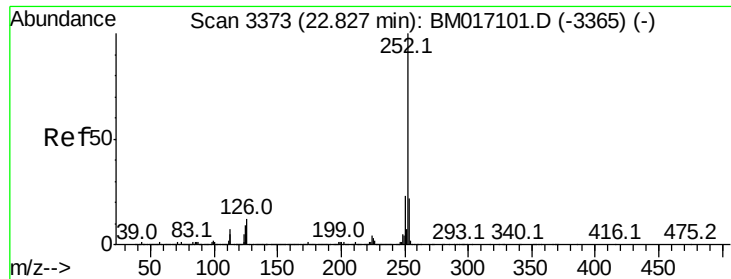


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.089 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BM017113.D

Acq: 11 Oct 2018 00:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 85080

Ion Ratio Lower Upper

252 100

253 32.0 17.3 25.9#

125 19.0 8.2 12.4#

