

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101218\
 Data File : BM017133.D
 Acq On : 12 Oct 2018 16:55
 Operator : MJ/SJ
 Sample : J5184-12 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:39:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 23:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	216681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	990414	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	537832	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1127616	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	936174	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	988467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	4963	1.14	ng/uL	0.00
5) Phenol-d5	6.86	99	107610	5.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	68595	6.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	98308	6.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	85528	6.03	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	42919	5.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	40534	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	93025	6.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	53441	2.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	277313	6.50	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	358720	6.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	12921	1.60	ng/ul	0.00
58) Fluorene-d10	15.32	176	262801	6.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	9639	1.45	ng/ul	0.00
71) Anthracene-d10	17.17	188	371283	6.89	ng/ul	0.00
79) Pyrene-d10	19.47	212	364440	8.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	367593	7.26	ng/ul	0.00

Target Compounds

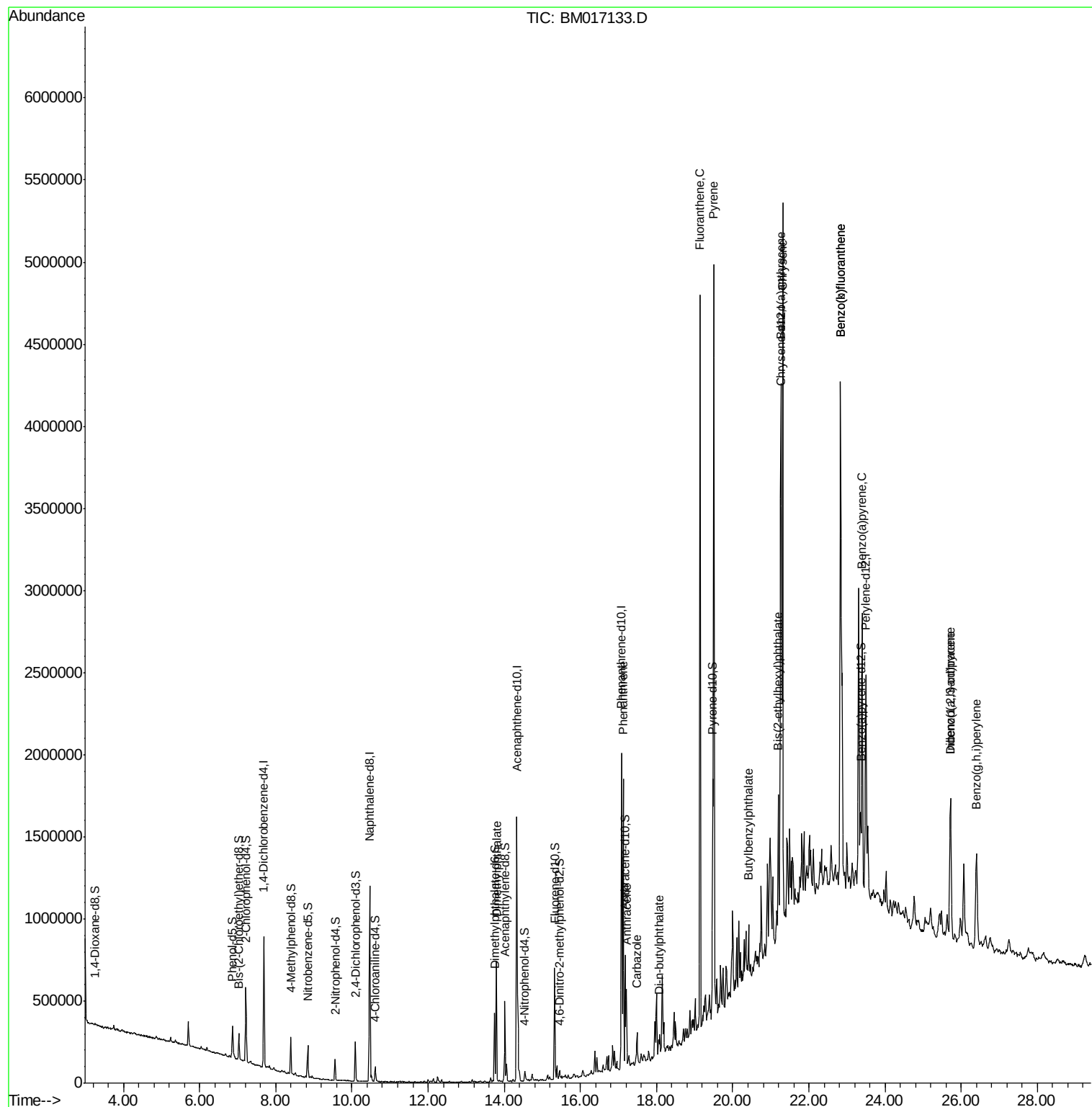
					Ovalue	
45) Dimethylphthalate	13.79	163	467065	11.054	ng/ul	99
70) Phenanthrene	17.12	178	1035523	16.378	ng/ul	99
72) Anthracene	17.21	178	274390	4.271	ng/ul	99
75) Carbazole	17.49	167	110980	1.996	ng/ul	99
76) Di-n-butylphthalate	18.06	149	66452	1.069	ng/ul#	97
77) Fluoranthene	19.14	202	2750570	37.557	ng/ul	99
80) Pyrene	19.50	202	2840809	52.372	ng/ul	98
81) Butylbenzylphthalate	20.42	149	74774	3.995	ng/ul	98
83) Benzo(a)anthracene	21.26	228	1455896	25.924	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	296087	10.207	ng/ul	99
85) Chrysene	21.31	228	2465018	45.383	ng/ul	99
88) Benzo(b)fluoranthene	22.83	252	2532540	43.027	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	2532540	44.788	ng/ul	99
91) Benzo(a)pyrene	23.40	252	1137482	20.053	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.72	276	827802	12.361	ng/ul	94
93) Dibenzo(a,h)anthracene	25.73	278	238307	4.275	ng/ul#	93
94) Benzo(g,h,i)perylene	26.40	276	736871	13.214	ng/ul	98

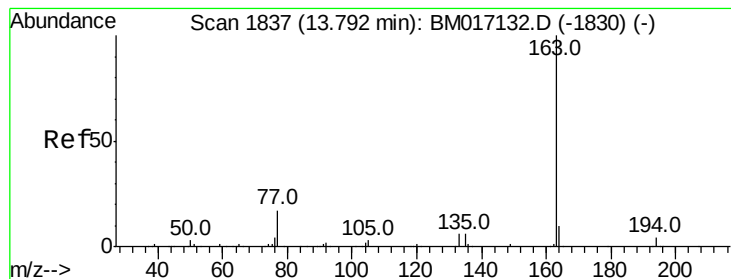
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 11.054 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

ClientSampleId :

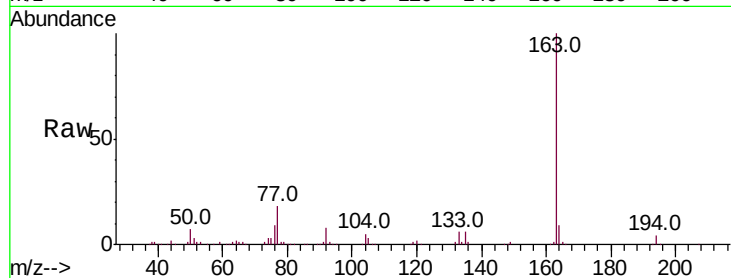
Tot Ion:163 Resp: 467065

Ion Ratio Lower Upper

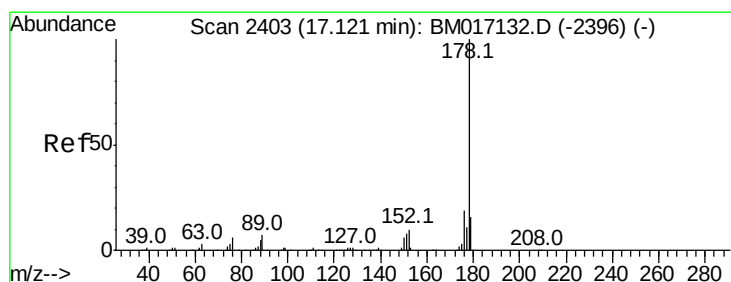
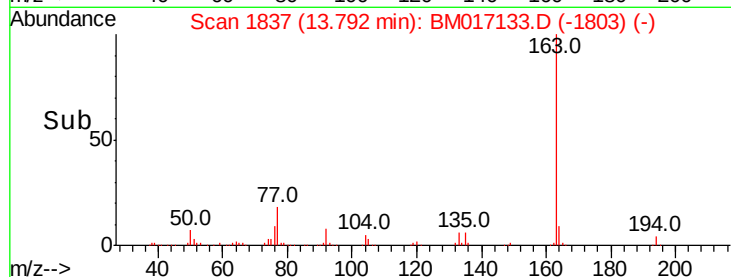
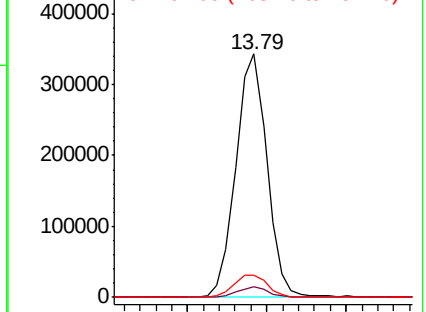
163 100

194 4.3 3.3 4.9

164 9.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 16.378 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

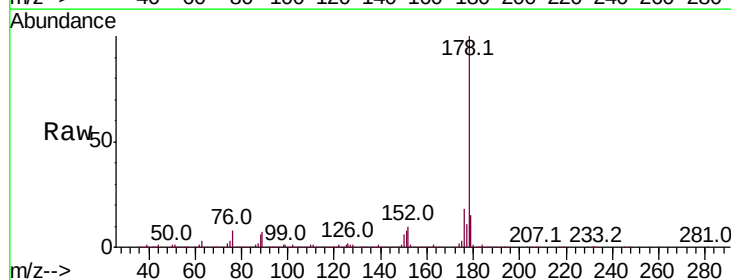
Tgt Ion:178 Resp: 1035523

Ion Ratio Lower Upper

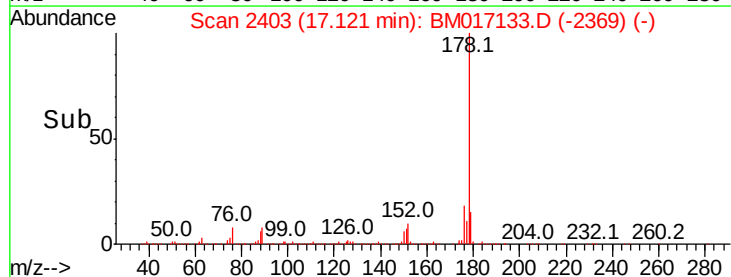
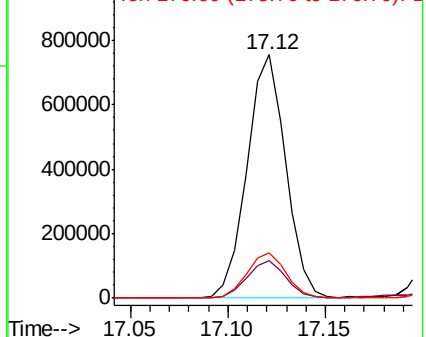
178 100

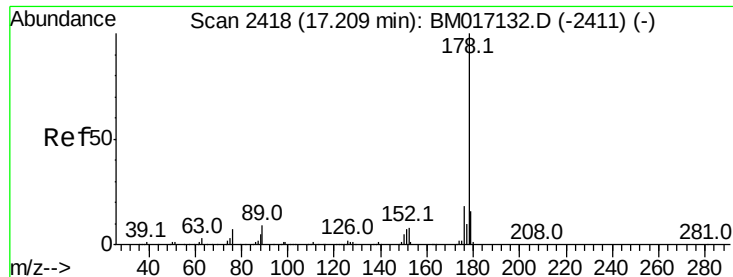
179 15.3 12.2 18.2

176 18.4 15.0 22.4



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

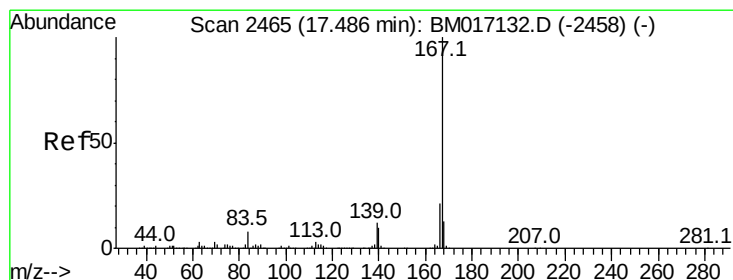
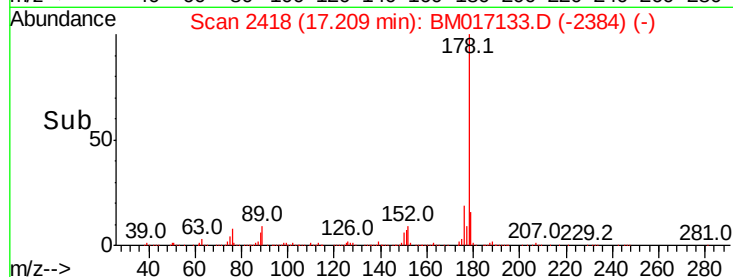
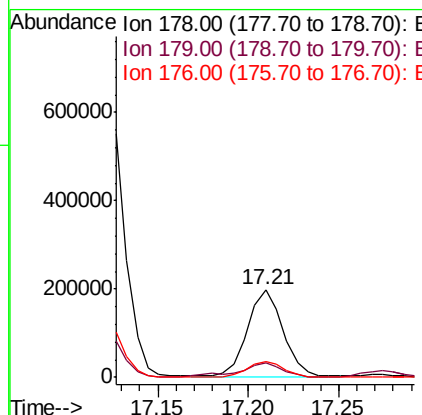
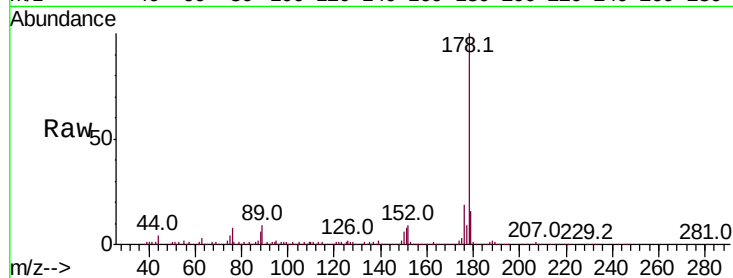




#72
 Anthracene
 Concen: 4.271 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BM017133.D
 Acq: 12 Oct 2018 16:55

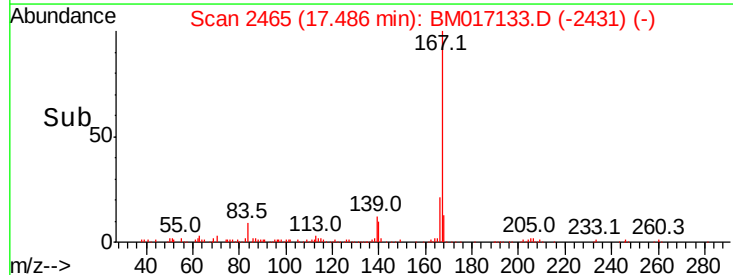
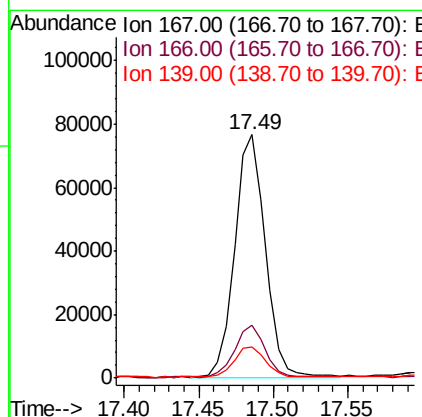
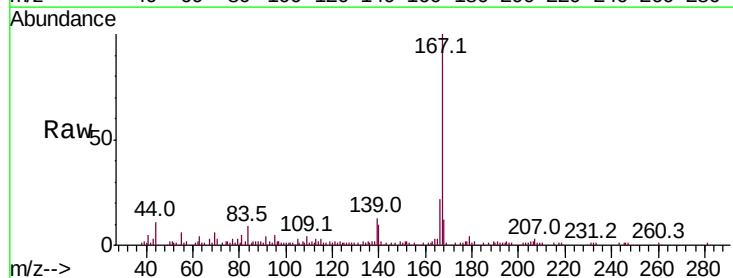
Instrument :
 BNA_M
 ClientSampleId :

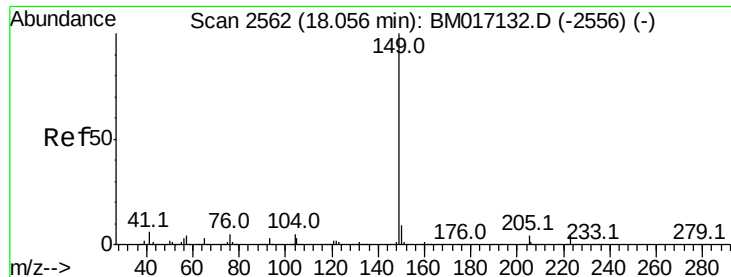
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.7	14.6	22.0



#75
 Carbazole
 Concen: 1.996 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BM017133.D
 Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.8	10.0	15.0

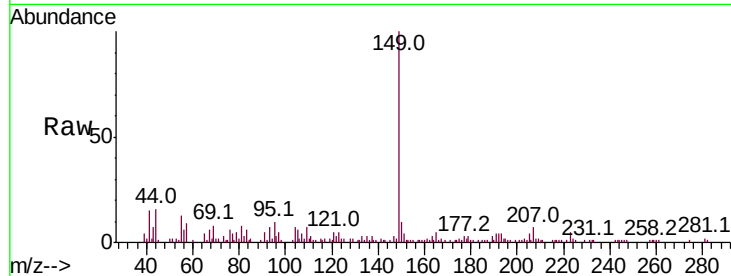




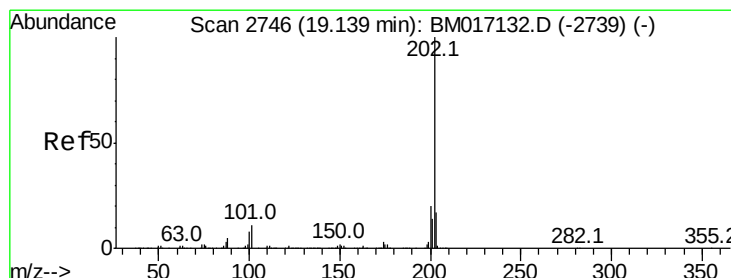
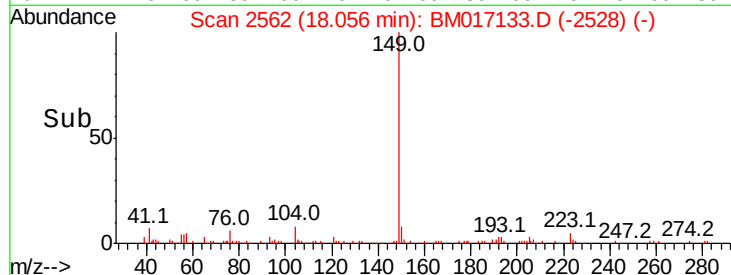
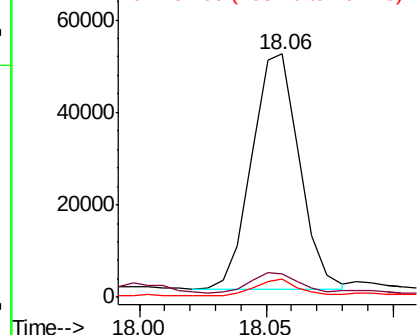
#76
Di-n-butylphthalate
Concen: 1.069 ng/ul
RT: 18.06 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 66452
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 7.3 3.8 5.8#

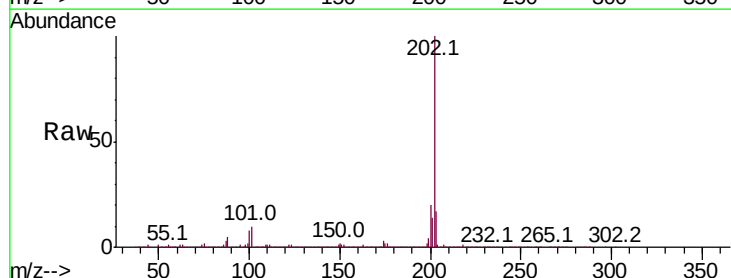


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

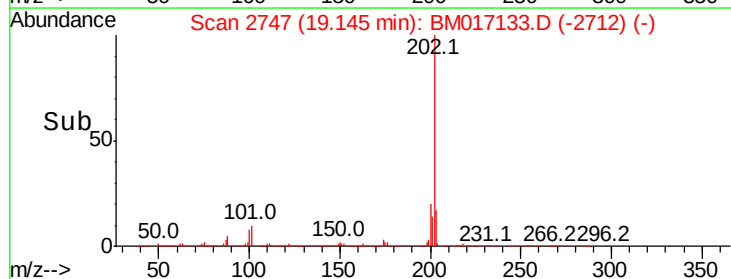
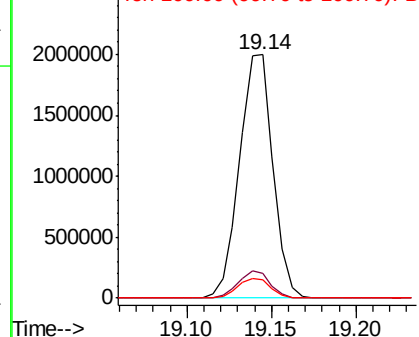


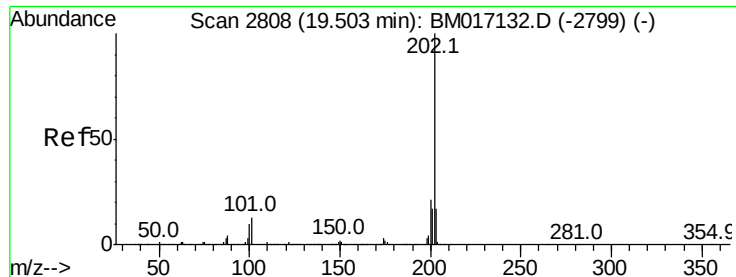
#77
Fluoranthene
Concen: 37.557 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion:202 Resp: 2750570
Ion Ratio Lower Upper
202 100
101 10.1 8.3 12.5
100 7.8 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

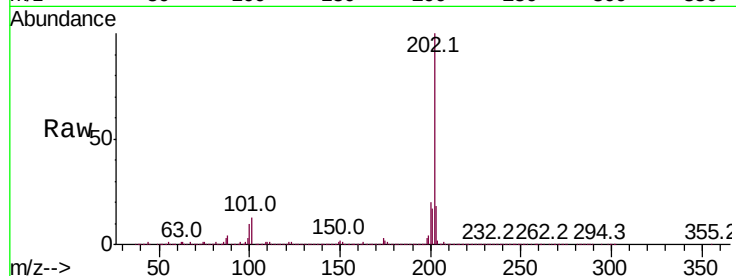




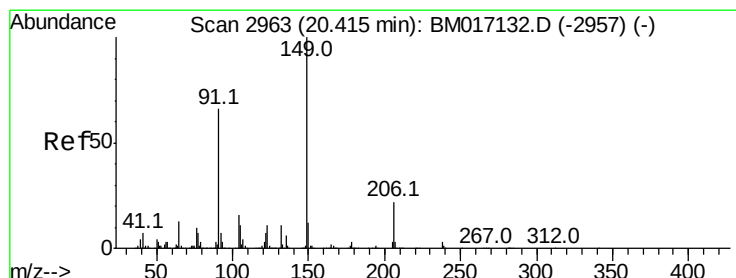
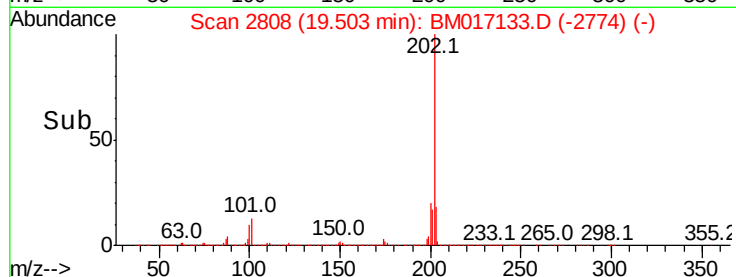
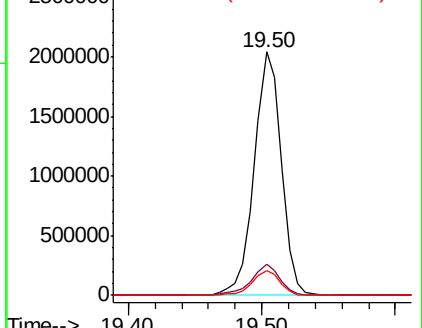
#80
Pvrene
Concen: 52.372 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 2840809
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.4 8.9 13.3

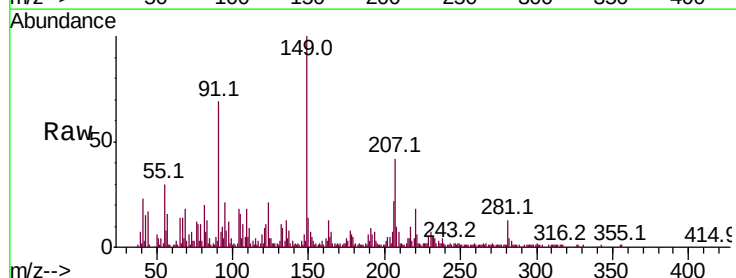


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

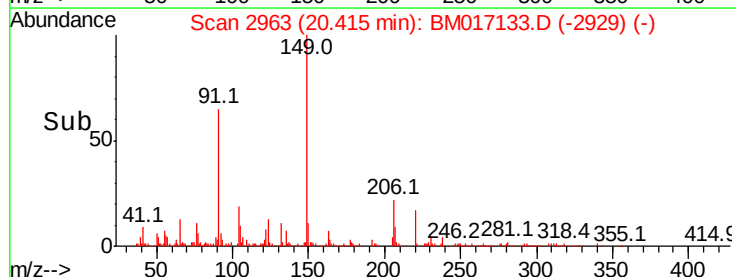
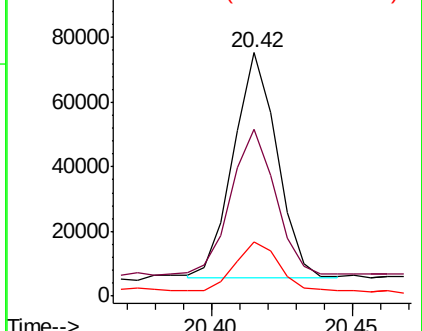


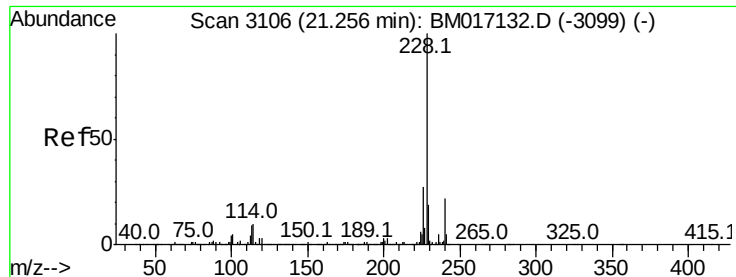
#81
Butylbenzylphthalate
Concen: 3.995 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion:149 Resp: 74774
Ion Ratio Lower Upper
149 100
91 68.8 56.1 84.1
206 22.3 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 25.924 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

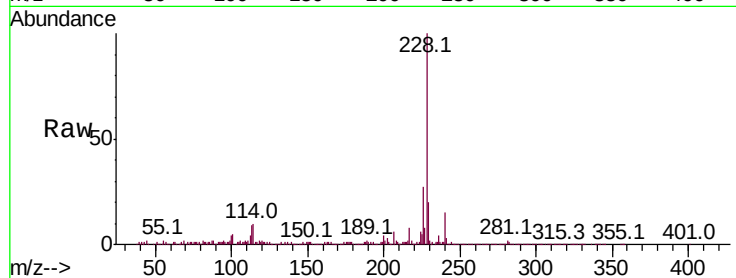
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1455896

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.0	20.9	31.3

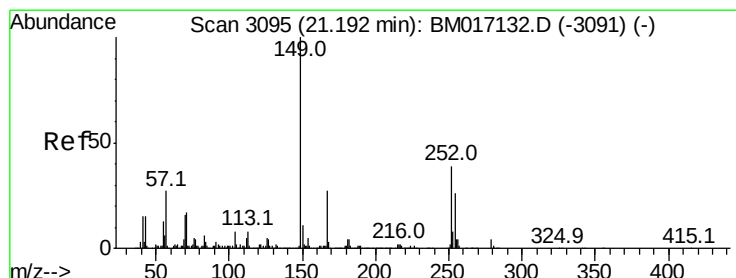
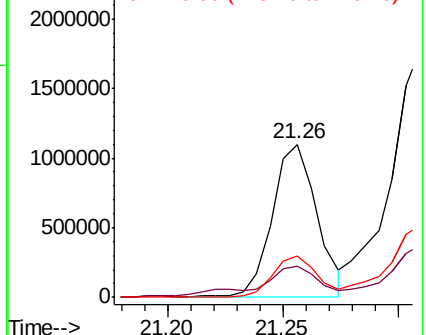
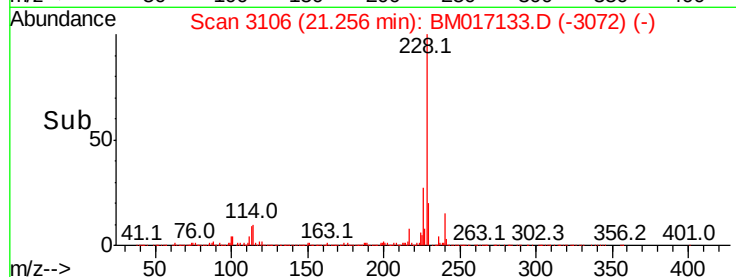


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.207 ng/ul

RT: 21.20 min Scan# 3096

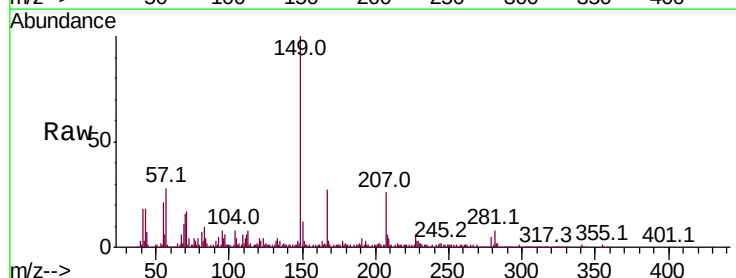
Delta R.T. 0.01 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Tgt Ion:149 Resp: 296087

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	4.8	3.7	5.5

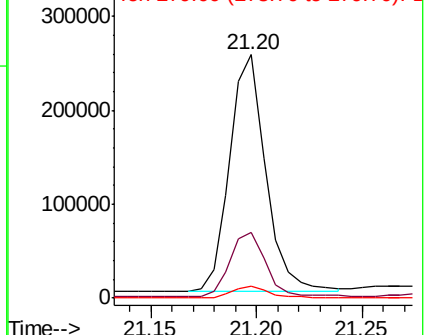
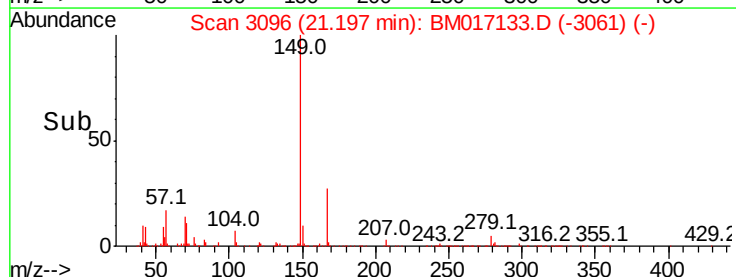


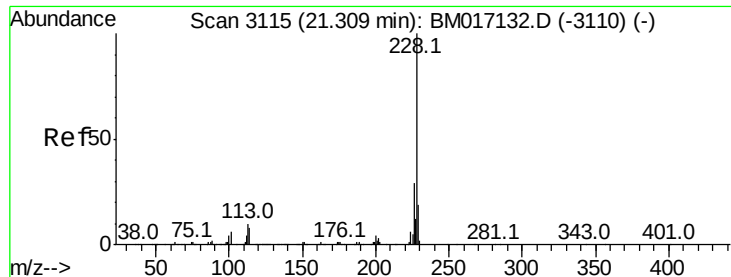
Abundance

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

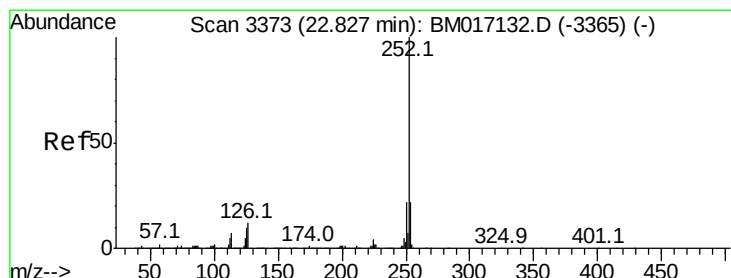
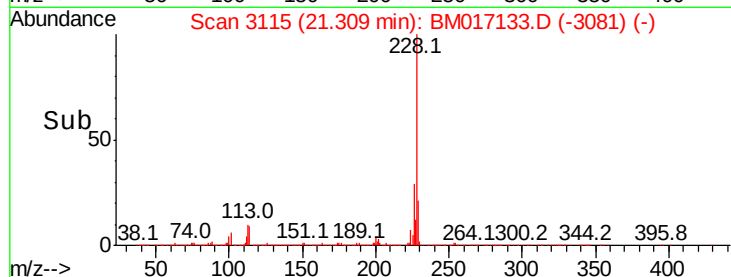
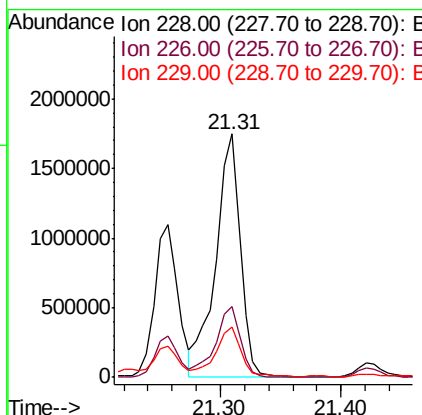
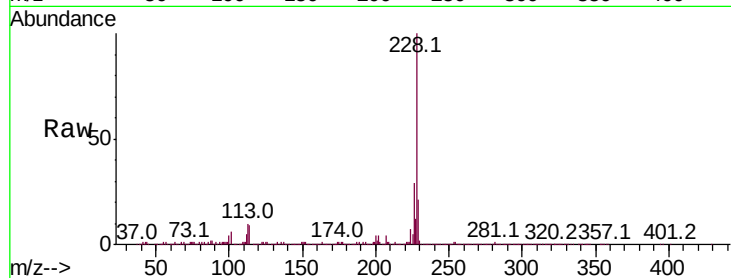




#85
Chrysene
Concen: 45.383 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

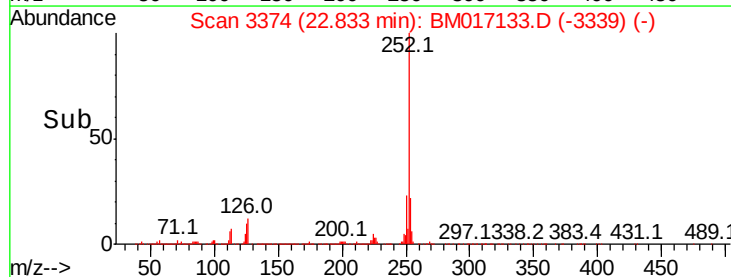
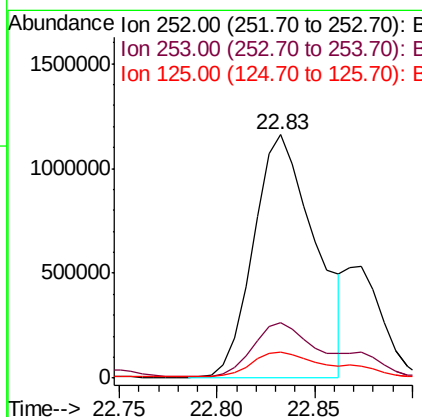
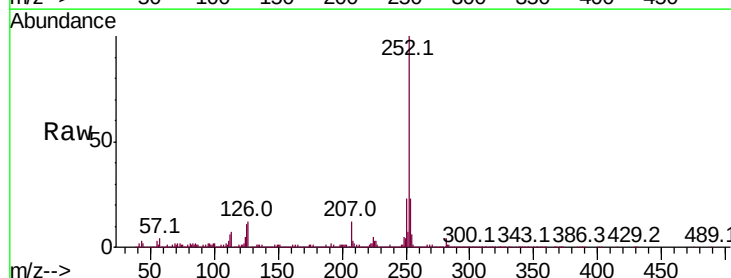
Instrument :
BNA_M
ClientSampleId :

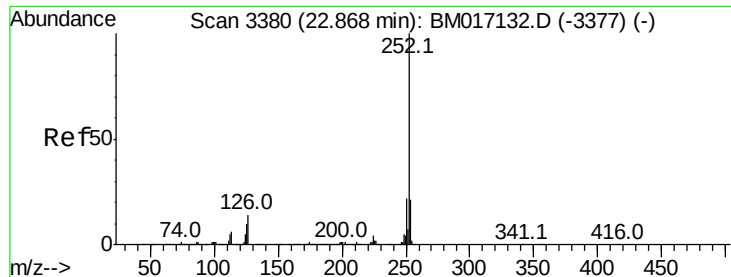
Tot Ion:228 Resp: 2465018
Ion Ratio Lower Upper
228 100
226 29.3 23.4 35.2
229 20.9 15.6 23.4



#88
Benzo(b)fluoranthene
Concen: 43.027 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion:252 Resp: 2532540
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.788 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.04 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

ClientSampleId :

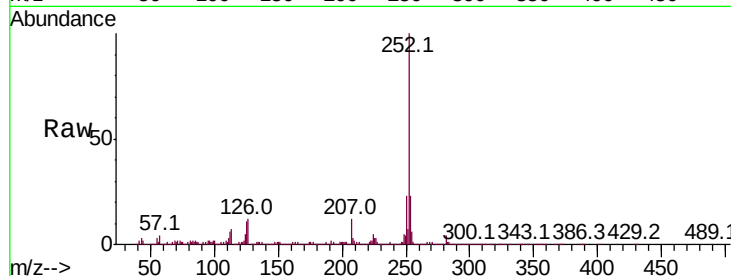
Tot Ion:252 Resp: 2532540

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.6 8.2 12.4

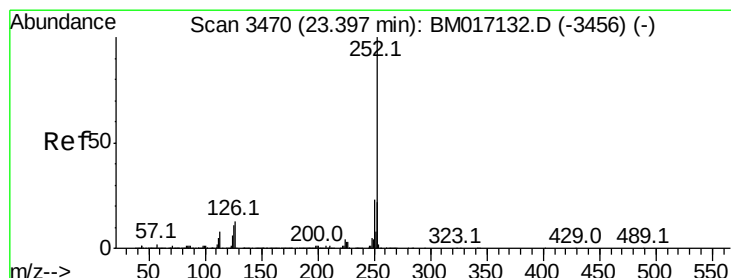
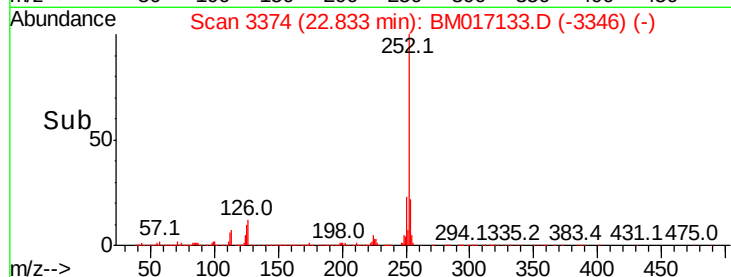
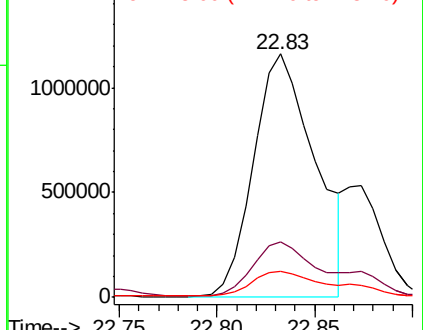


Abundance

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



#91

Benzo(a)pyrene

Concen: 20.053 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

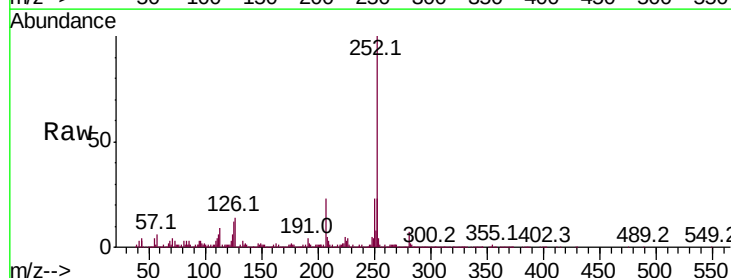
Tgt Ion:252 Resp: 1137482

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 11.5 9.0 13.6

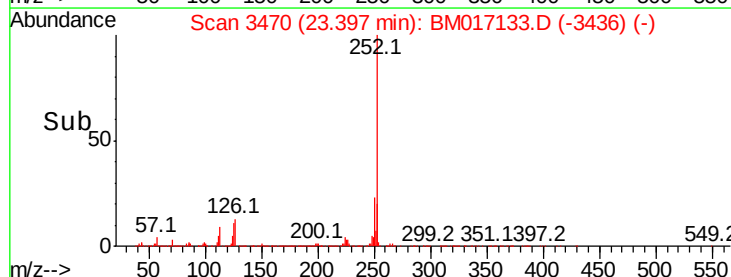
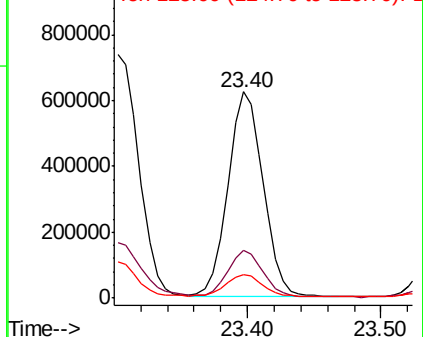


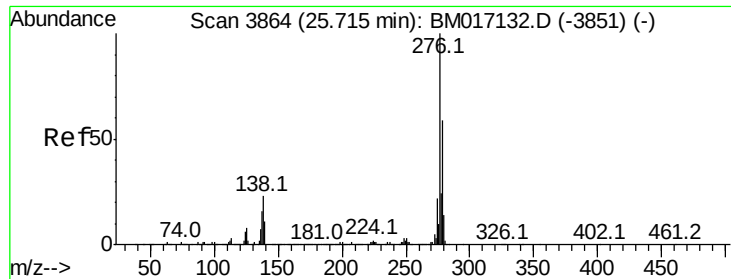
Abundance

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



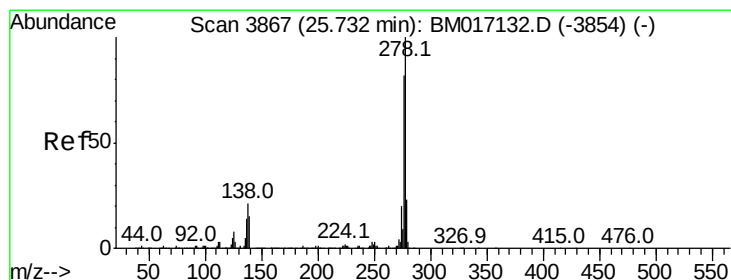
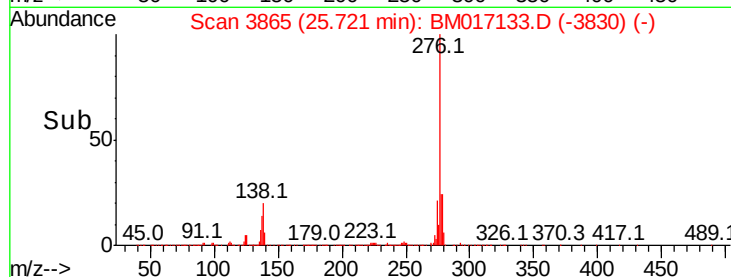
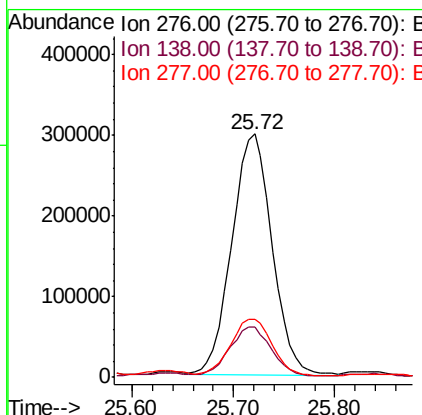
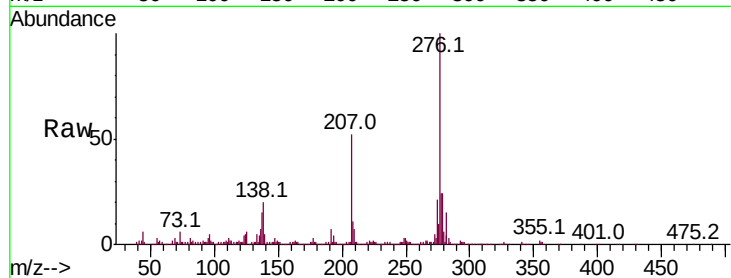


#92

Indeno(1,2,3-cd)pyrene
Concen: 12.361 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :

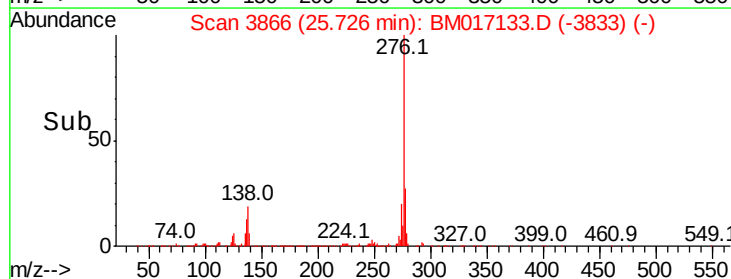
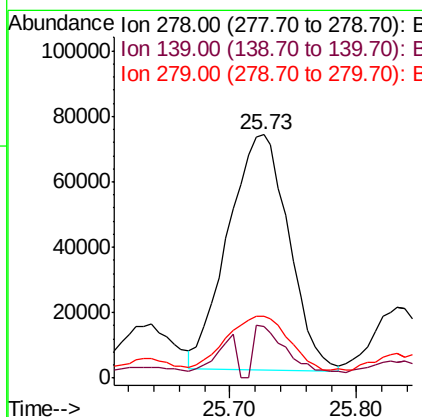
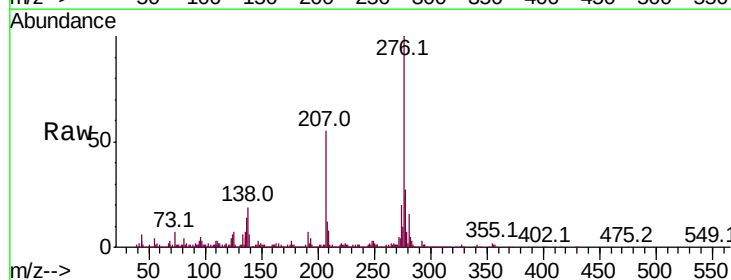
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	20.3	30.5
277	23.8	20.2	30.2

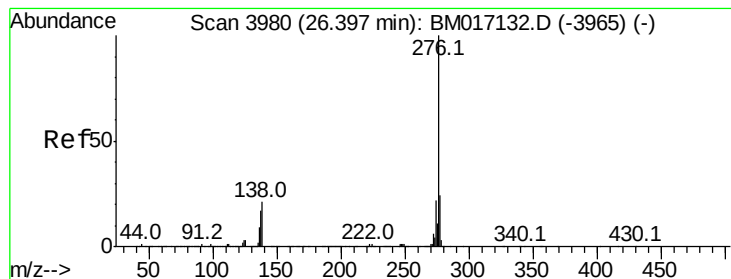


#93

Dibenzo(a,h)anthracene
Concen: 4.275 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. -0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.2	19.8#
279	25.3	18.4	27.6





#94

Benzo(a,h,i)perylene

Concen: 13.214 ng/ul

RT: 26.40 min Scan# 3981

Delta R.T. 0.01 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

ClientSampleId :

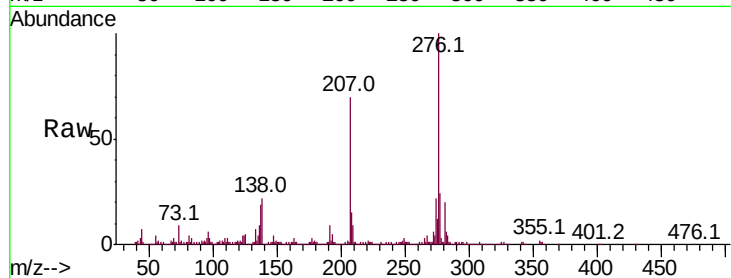
Tot Ion:276 Resp: 736871

Ion Ratio Lower Upper

276 100

138 22.2 17.5 26.3

277 24.3 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

