

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101118\
 Data File : BM017127.D
 Acq On : 11 Oct 2018 15:42
 Operator : MJ/SJ
 Sample : J5368-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 01:48:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 01:39:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	255779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1225118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	701618	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1584886	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1324222	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1123012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15487	3.01	ng/uL	0.00
5) Phenol-d5	6.87	99	468017	21.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	285591	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	409391	23.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	397331	23.72	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	213792	23.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	228496	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	436101	23.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	548631	24.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1412395	25.37	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1784388	25.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	36032	3.43	ng/ul	0.00
58) Fluorene-d10	15.33	176	1248228	25.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	29235	3.13	ng/ul	0.00
71) Anthracene-d10	17.18	188	1904940	25.16	ng/ul	0.00
79) Pyrene-d10	19.48	212	1997057	33.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1534690	26.69	ng/ul	0.00

Target Compounds

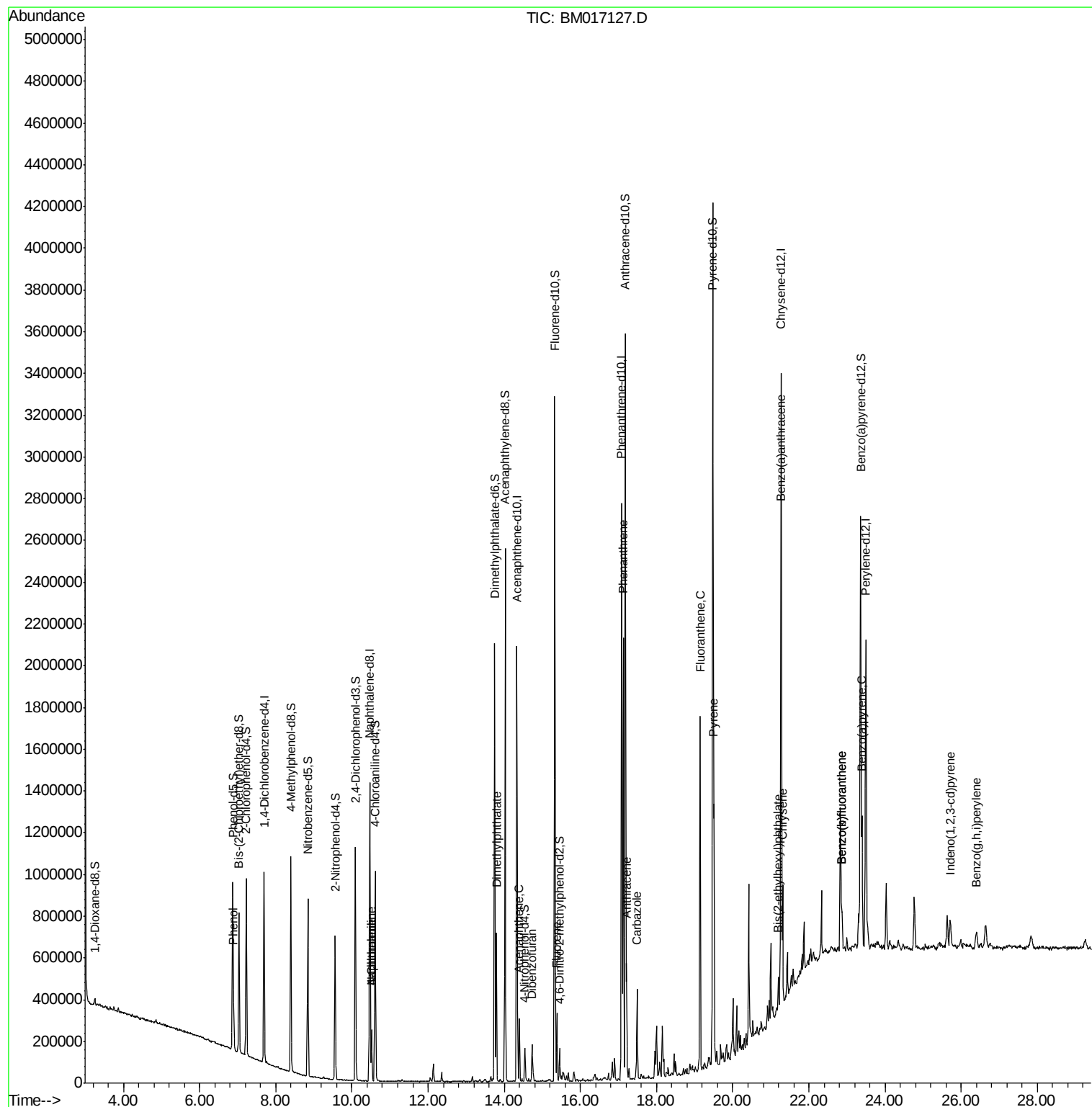
					Ovalue
6) Phenol	6.89	94	102771	4.804 ng/ul	99
28) Naphthalene	10.52	128	199719	3.173 ng/ul	99
30) 4-Chloroaniline	10.52	127	26619	1.166 ng/ul#	3
45) Dimethylphthalate	13.79	163	455505	8.264 ng/ul	100
50) Acenaphthene	14.39	153	118767	2.453 ng/ul	98
54) Dibenzofuran	14.73	168	116260	1.700 ng/ul	96
59) Fluorene	15.38	166	145015	2.601 ng/ul	97
70) Phenanthrene	17.12	178	1195946	13.458 ng/ul	99
72) Anthracene	17.22	178	339939	3.765 ng/ul	99
75) Carbazole	17.49	167	251178	3.214 ng/ul	100
77) Fluoranthene	19.14	202	1033119	10.037 ng/ul	99
80) Pyrene	19.50	202	790025	10.297 ng/ul	98
83) Benzo(a)anthracene	21.26	228	328077	4.130 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	49943	1.217 ng/ul	99
85) Chrysene	21.31	228	326324	4.247 ng/ul	98
88) Benzo(b)fluoranthene	22.87	252	112945	1.689 ng/ul	96
89) Benzo(k)fluoranthene	22.87	252	114907	1.789 ng/ul	97
91) Benzo(a)pyrene	23.40	252	202840	3.147 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.71	276	114544	1.506 ng/ul	97
94) Benzo(g,h,i)perylene	26.40	276	93382	1.474 ng/ul	97

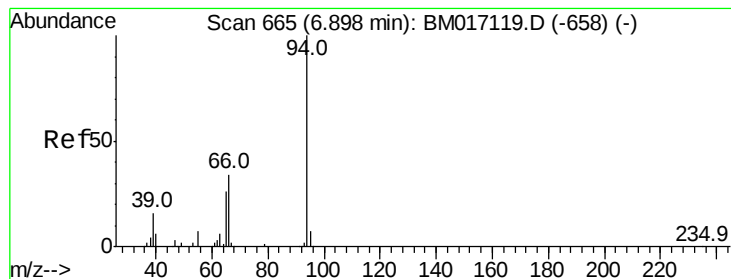
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.804 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

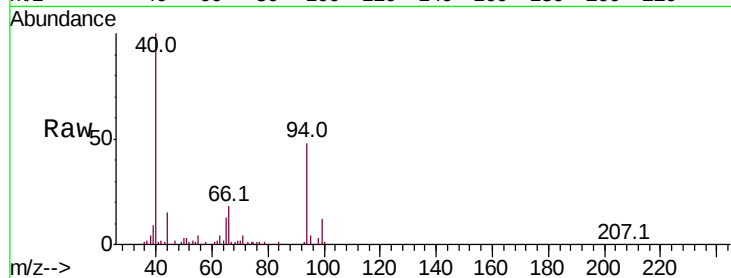
Tot Ion: 94 Resp: 102771

Ion Ratio Lower Upper

94 100

65 27.8 22.8 34.2

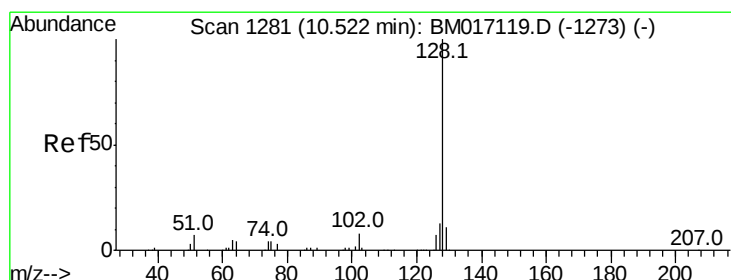
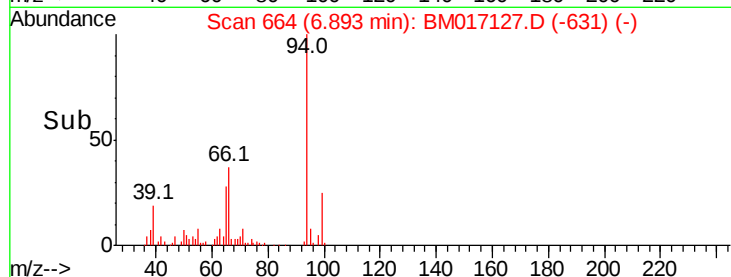
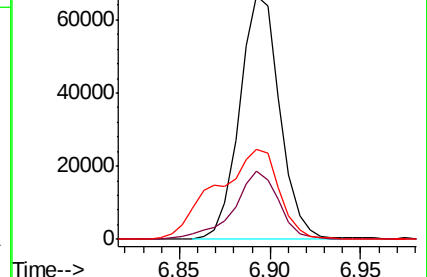
66 37.0 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BM017119.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM017119.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM017119.D (-658) (-)



#28

Naphthalene

Concen: 3.173 ng/ul

RT: 10.52 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

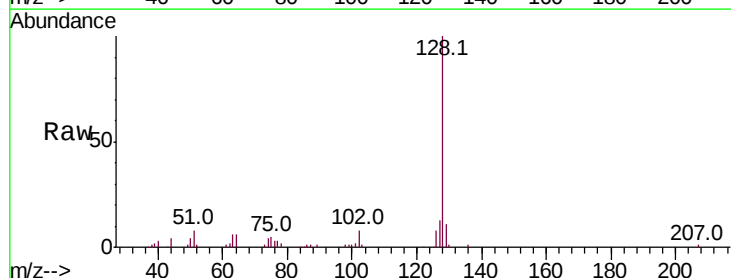
Tgt Ion: 128 Resp: 199719

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

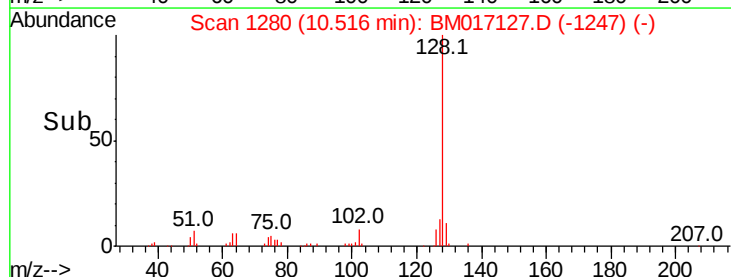
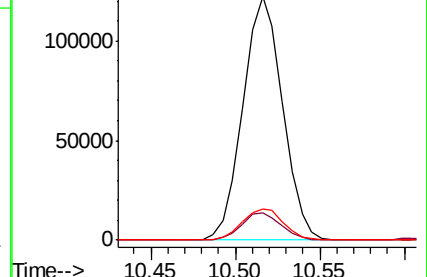
127 12.8 10.5 15.7

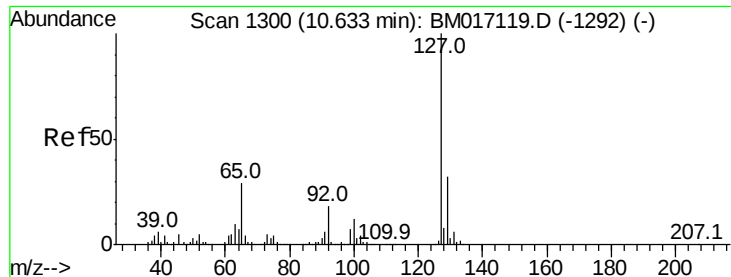


Abundance Ion 128.00 (127.70 to 128.70): BM017119.D (-1273) (-)

Ion 129.00 (128.70 to 129.70): BM017119.D (-1273) (-)

Ion 127.00 (126.70 to 127.70): BM017119.D (-1273) (-)

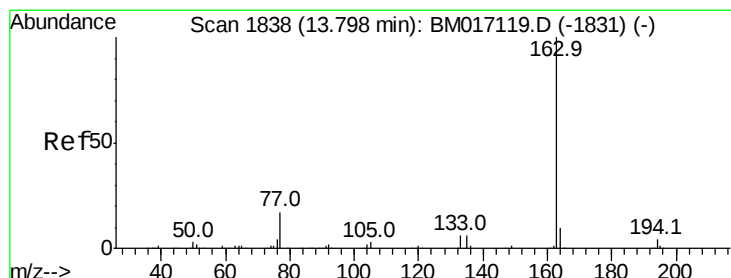
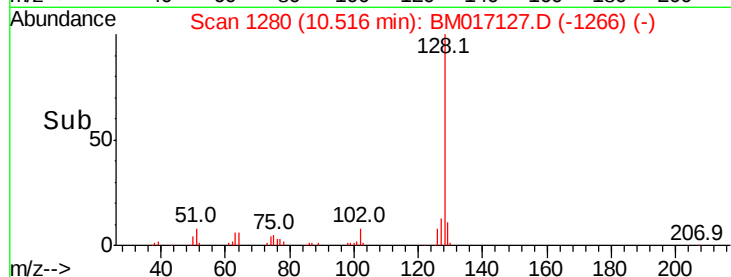
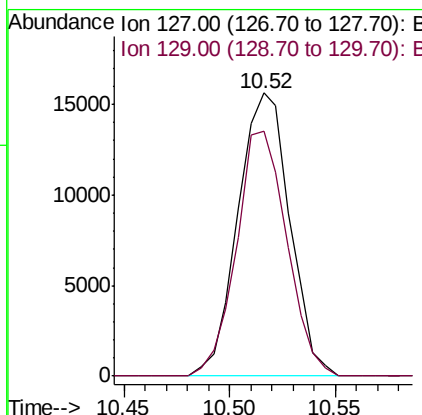
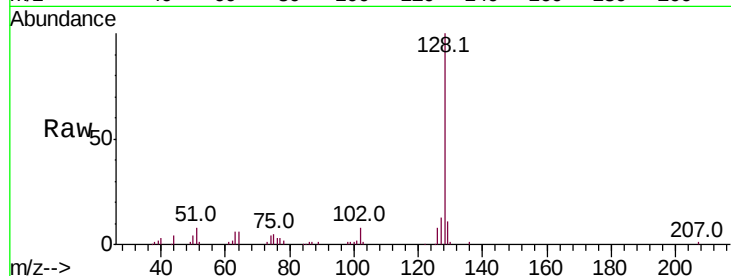




#30
4-Chloroaniline
Concen: 1.166 ng/ul
RT: 10.52 min Scan# 1280
Delta R.T. -0.12 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

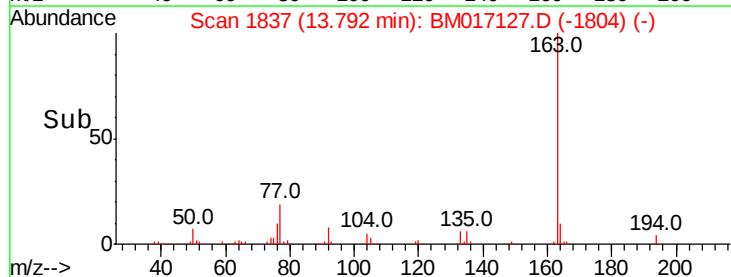
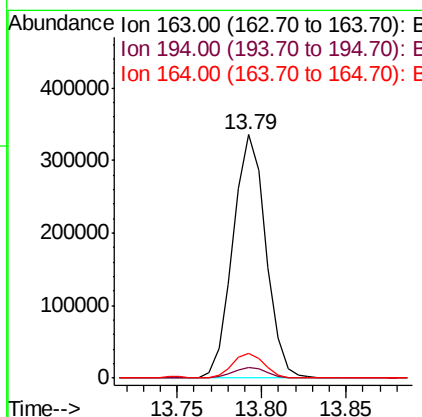
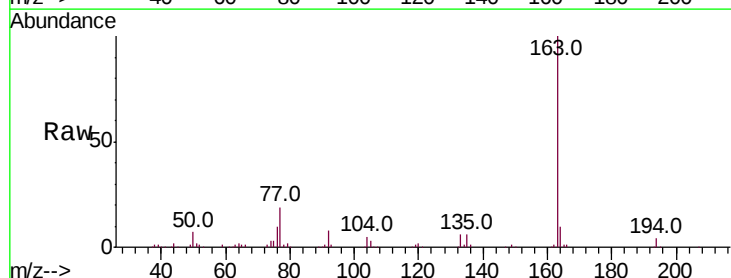
Instrument :
BNA_M
ClientSampleId :

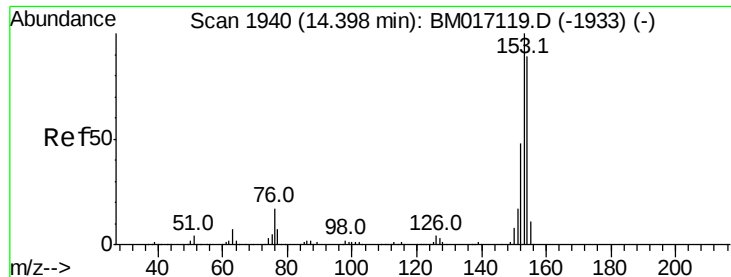
Tot Ion:127 Resp: 26619
Ion Ratio Lower Upper
127 100
129 86.5 25.7 38.5#



#45
Dimethylphthalate
Concen: 8.264 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion:163 Resp: 455505
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.0 8.0 12.0





#50

Acenaphthene

Concen: 2.453 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampled :

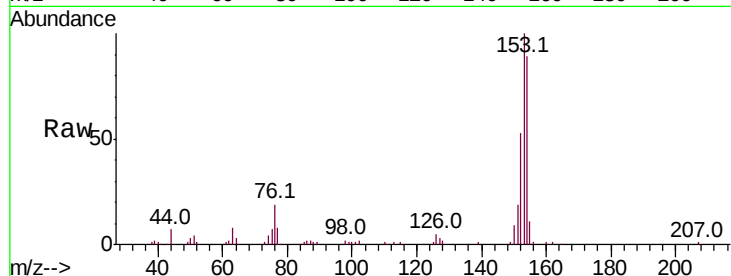
Tot Ion:153 Resp: 118767

Ion Ratio Lower Upper

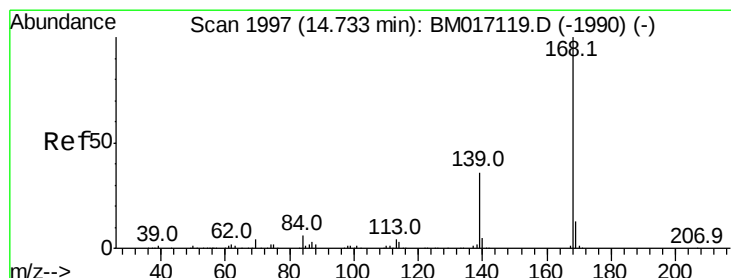
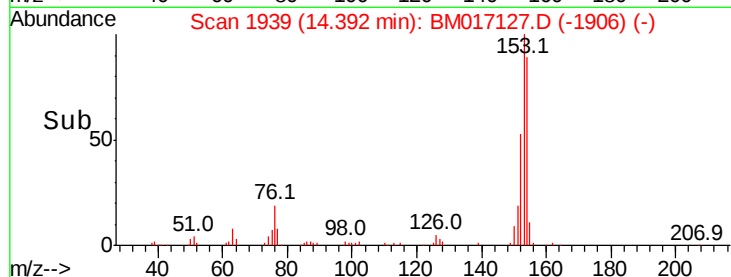
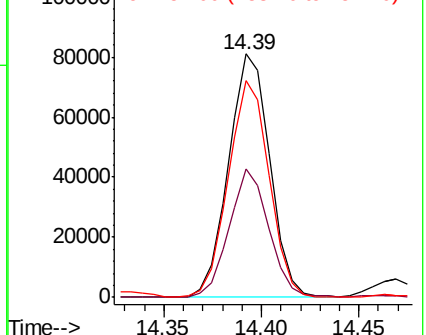
153 100

152 52.6 38.3 57.5

154 88.8 71.0 106.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.700 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM017127.D

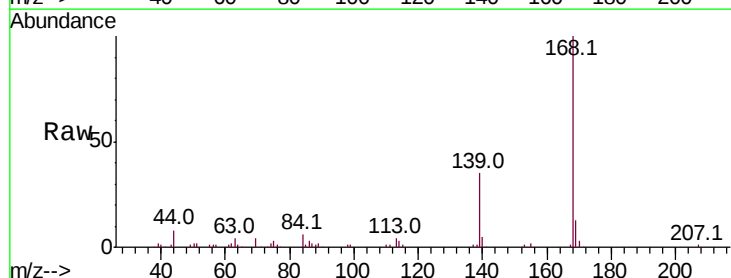
Acq: 11 Oct 2018 15:42

Tgt Ion:168 Resp: 116260

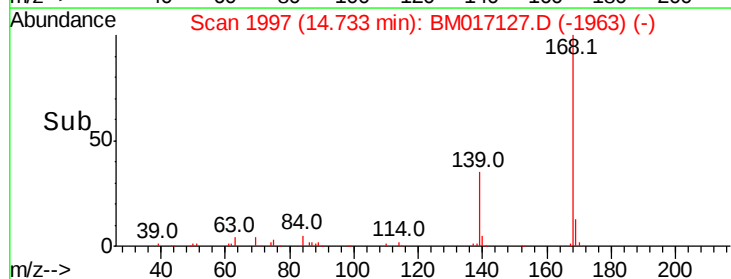
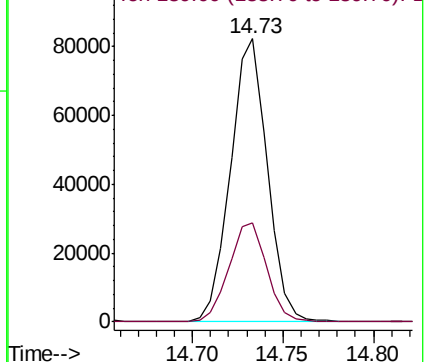
Ion Ratio Lower Upper

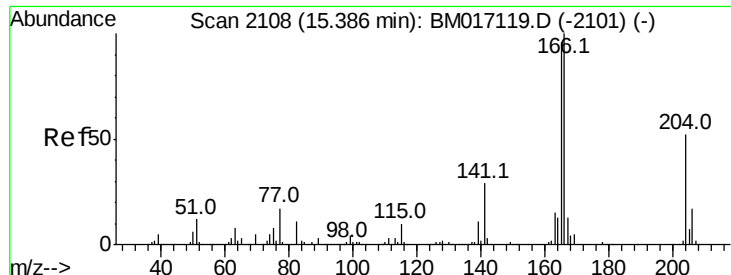
168 100

139 34.9 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: 2.601 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampled :

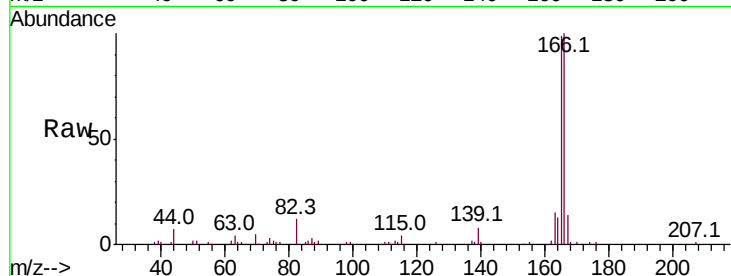
Tot Ion:166 Resp: 145015

Ion Ratio Lower Upper

166 100

165 99.5 77.3 115.9

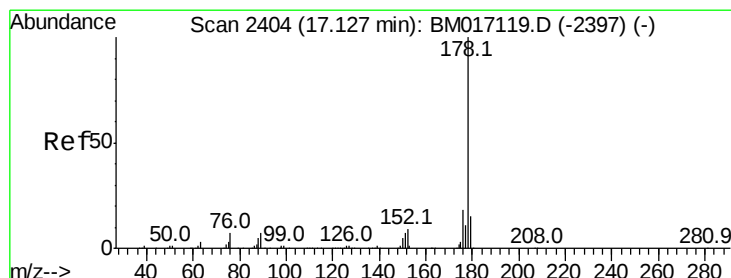
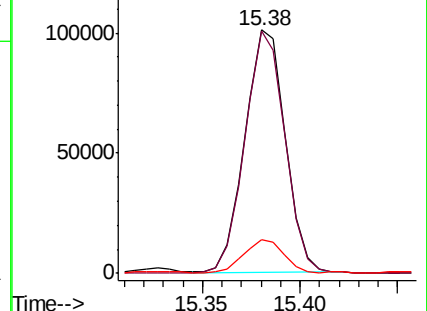
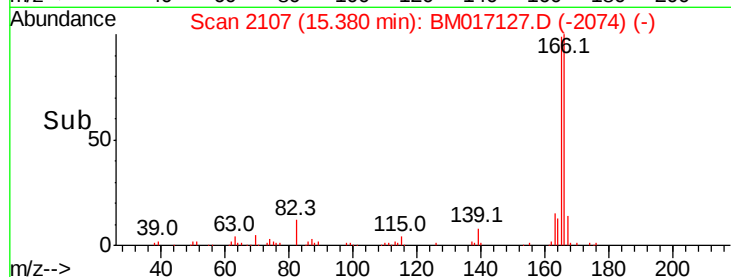
167 13.7 10.7 16.1



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



#70

Phenanthrene

Concen: 13.458 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

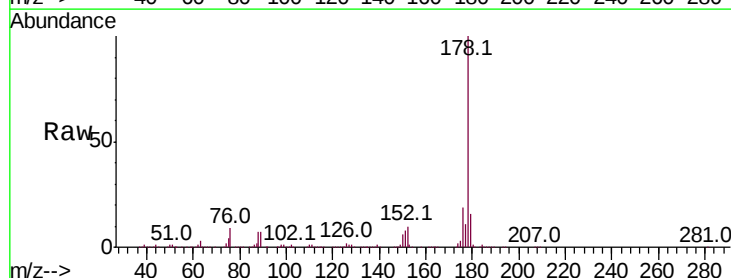
Tgt Ion:178 Resp: 1195946

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

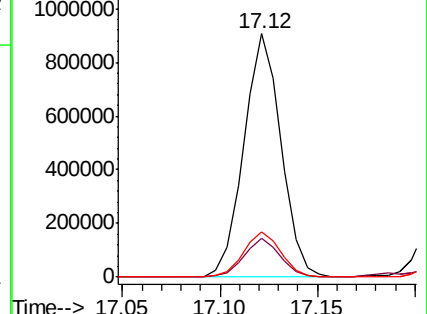
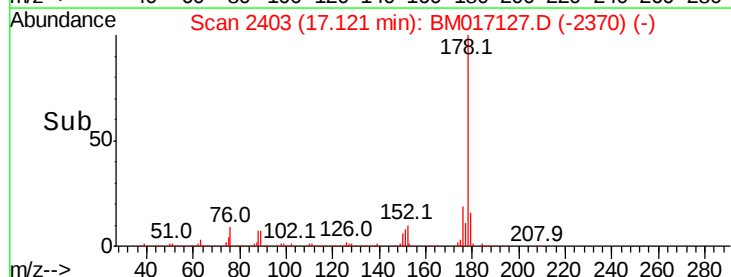
176 18.5 15.0 22.4

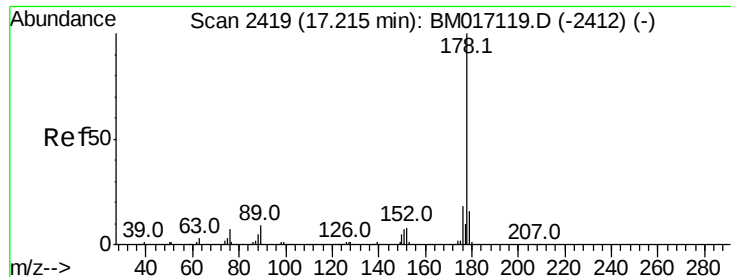


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

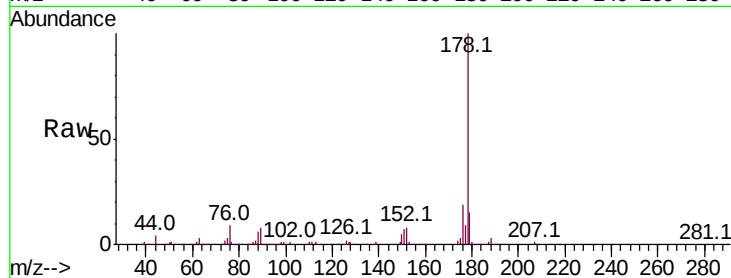




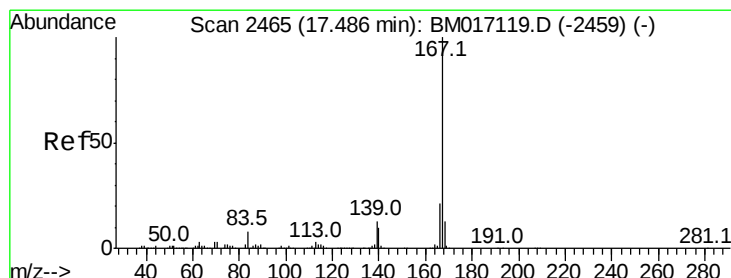
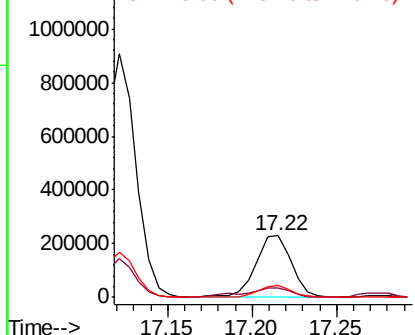
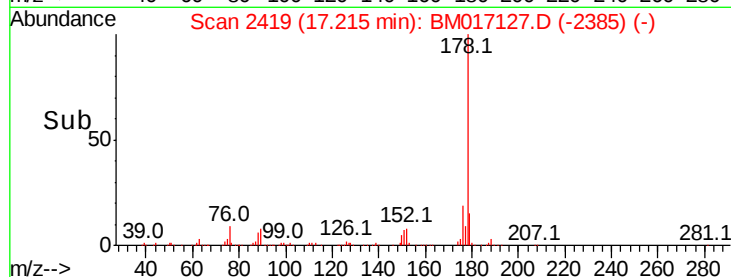
#72
 Anthracene
 Concen: 3.765 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BM017127.D
 Acq: 11 Oct 2018 15:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 339939
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.4
 176 18.8 14.6 22.0

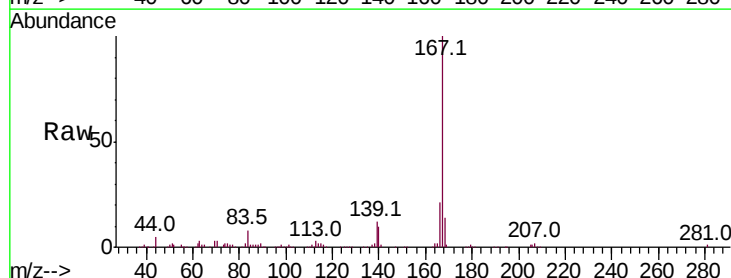


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

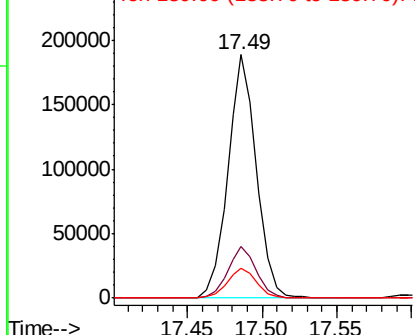
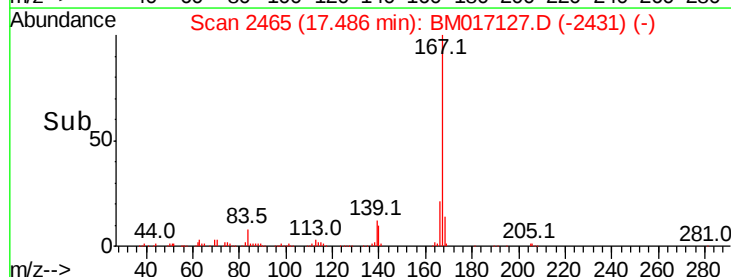


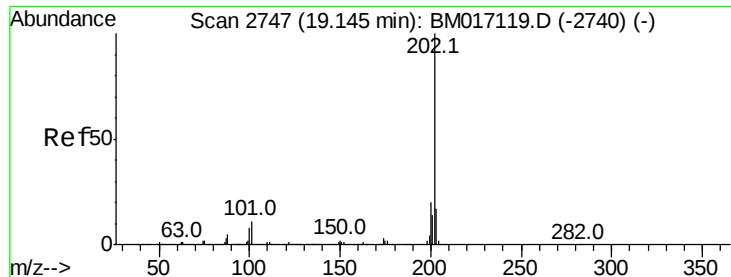
#75
 Carbazole
 Concen: 3.214 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BM017127.D
 Acq: 11 Oct 2018 15:42

Tgt Ion:167 Resp: 251178
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

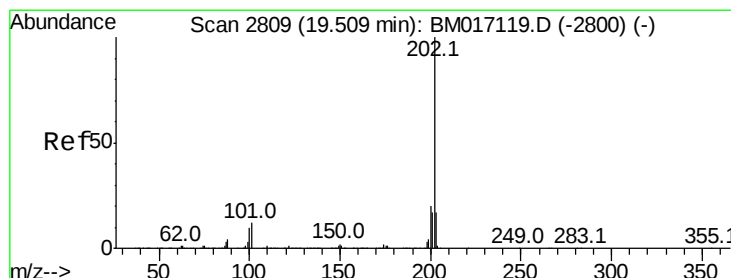
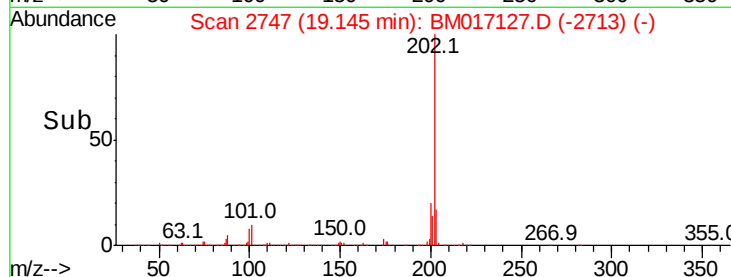
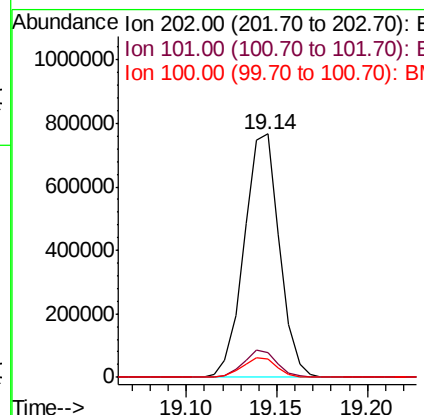
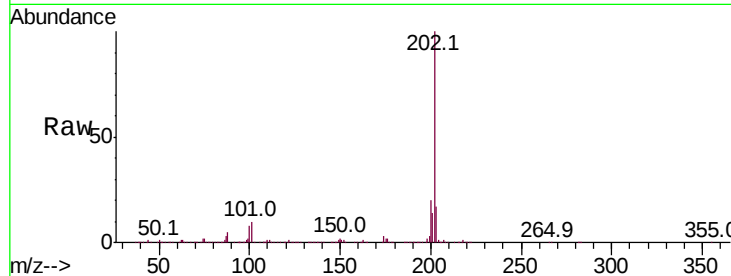




#77
 Fluoranthene
 Concen: 10.037 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BM017127.D
 Acq: 11 Oct 2018 15:42

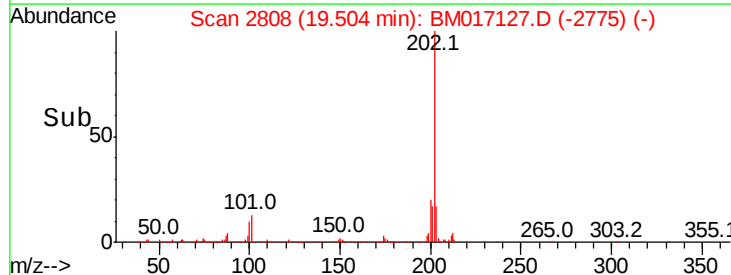
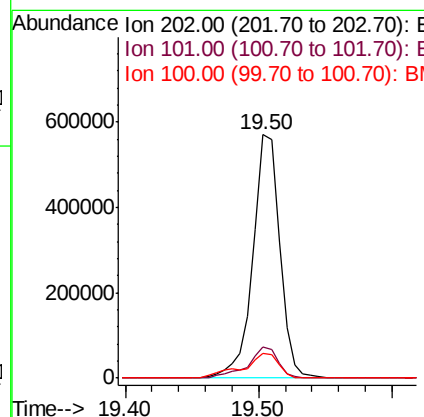
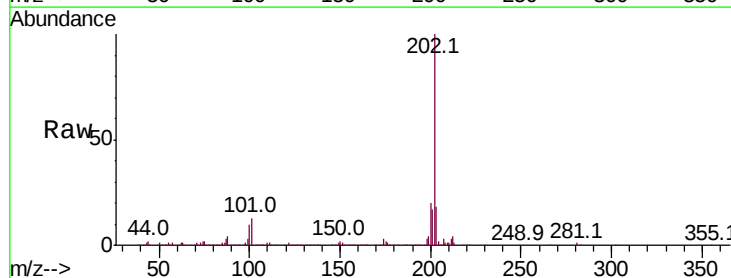
Instrument :
 BNA_M
 ClientSampled :

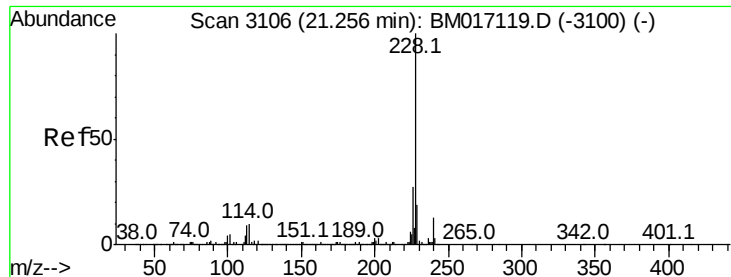
Tot Ion:202 Resp: 1033119
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.3 12.5
 100 7.7 6.6 9.8



#80
 Pyrene
 Concen: 10.297 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM017127.D
 Acq: 11 Oct 2018 15:42

Tgt Ion:202 Resp: 790025
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.8 16.2
 100 10.2 8.9 13.3





#83

Benzo(a)anthracene

Concen: 4.130 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

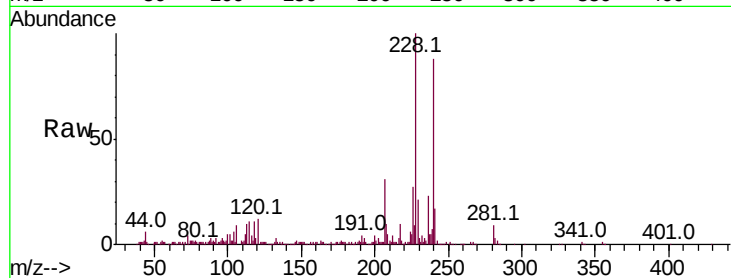
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 328077

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.4	20.9	31.3

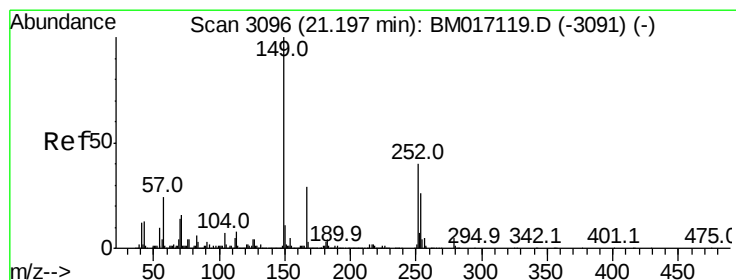
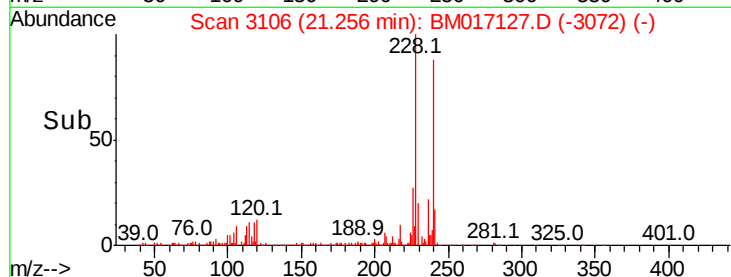
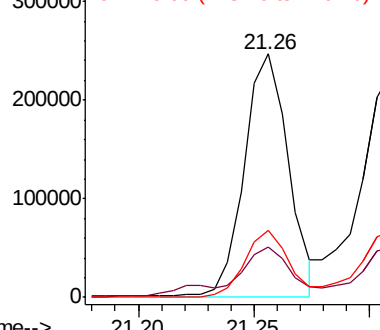


Abundance

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: 1.217 ng/ul

RT: 21.20 min Scan# 3096

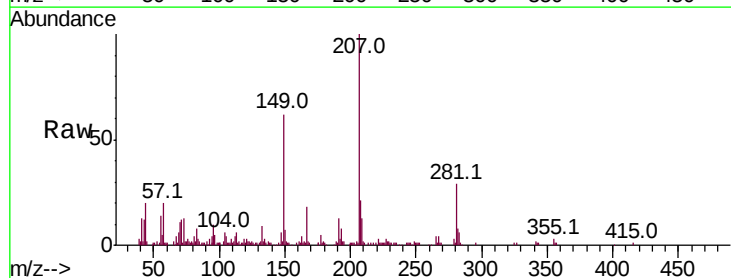
Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:149 Resp: 49943

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.5	33.7
279	5.3	3.7	5.5

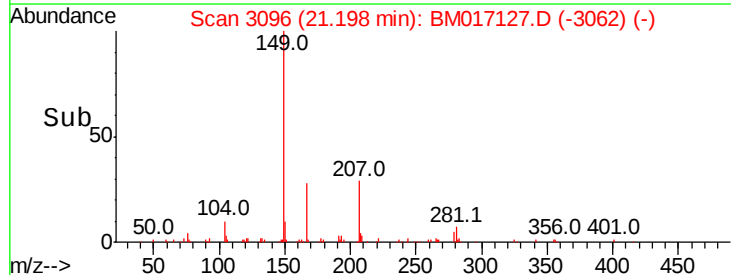
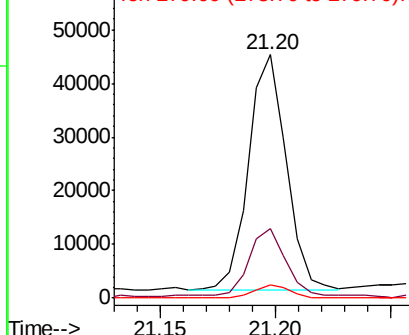


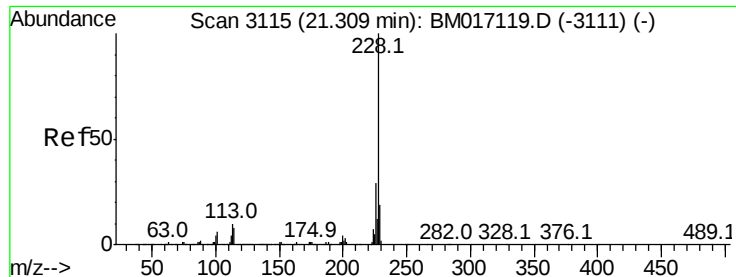
Abundance

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: 4.247 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

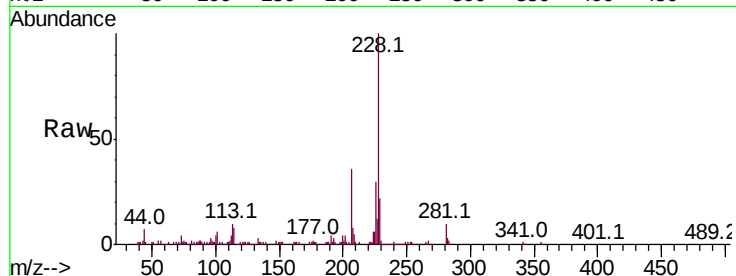
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 326324

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.9	15.6	23.4

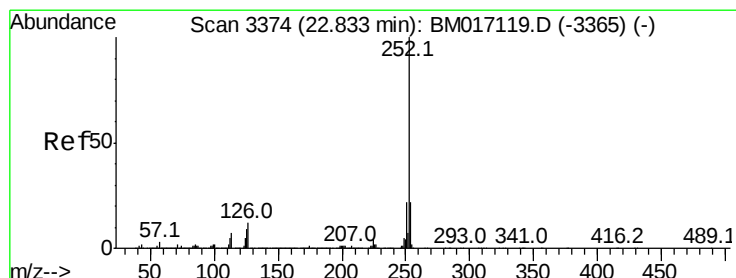
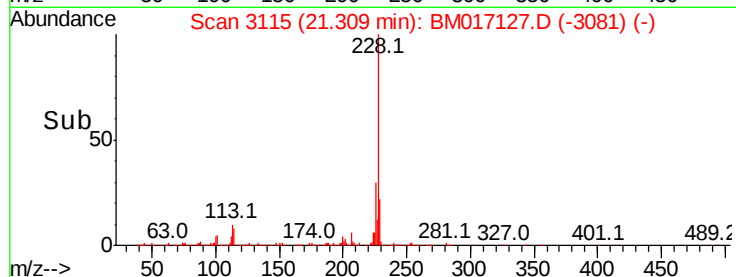
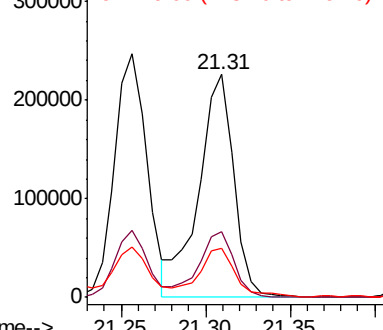


Abundance

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: 1.689 ng/ul

RT: 22.87 min Scan# 3380

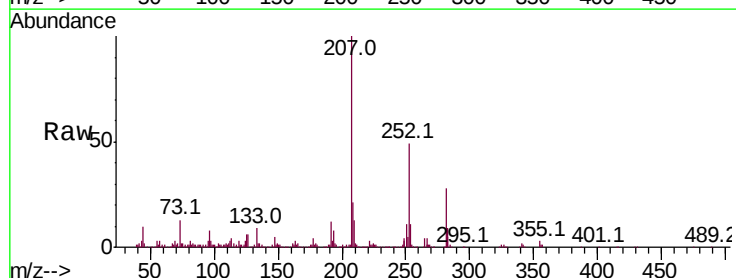
Delta R.T. 0.04 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:252 Resp: 112945

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.8	8.2	12.4

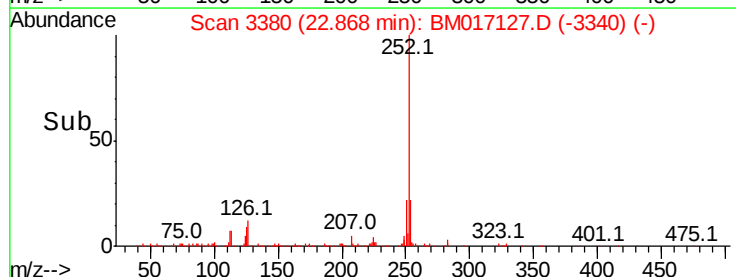
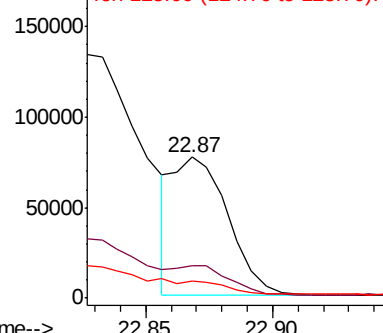


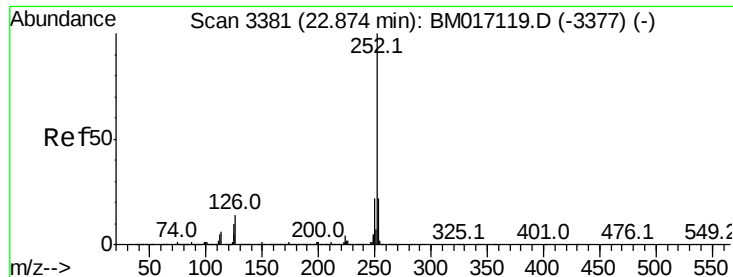
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.789 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM017127.D

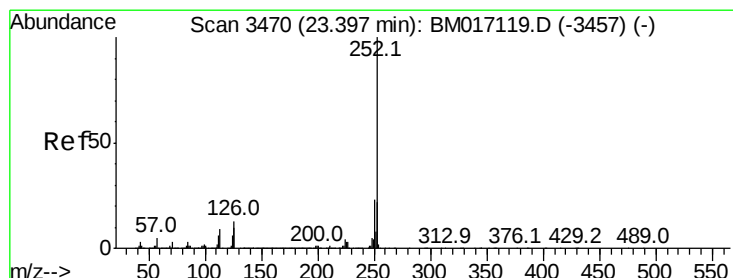
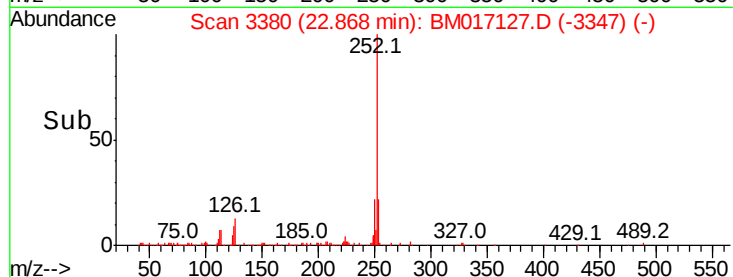
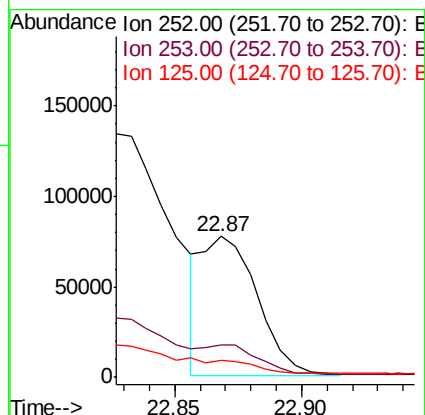
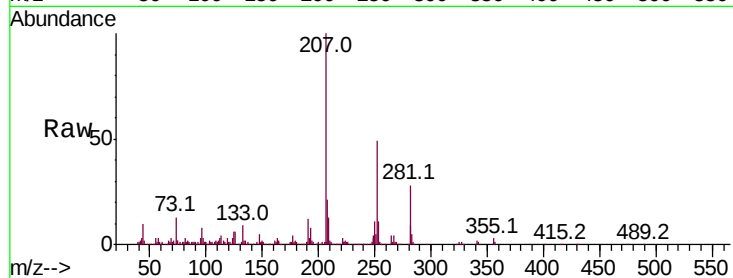
Acq: 11 Oct 2018 15:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	114907
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.5 26.3
125	11.8	8.2 12.4



#91

Benzo(a)pyrene

Concen: 3.147 ng/ul

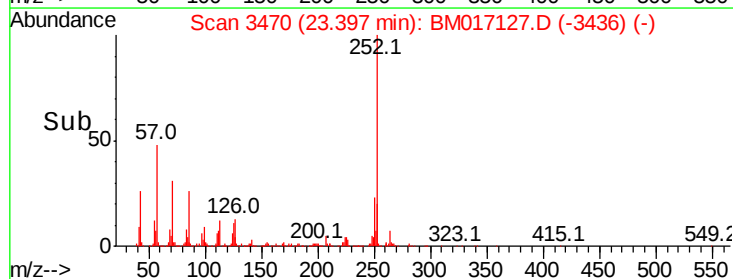
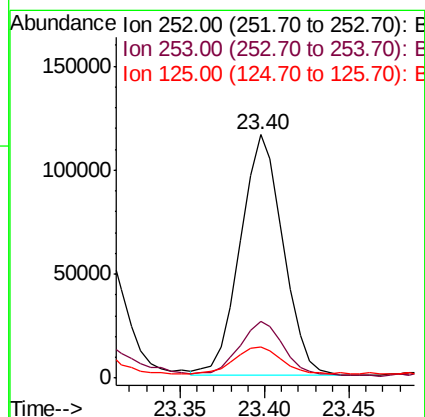
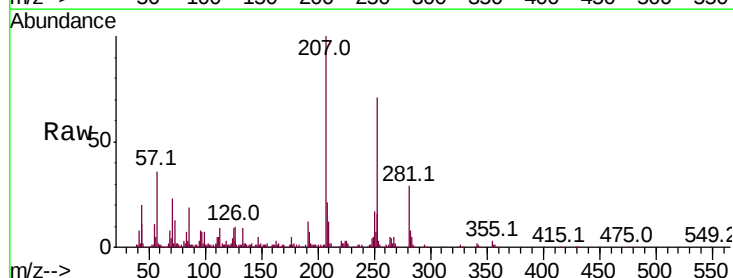
RT: 23.40 min Scan# 3470

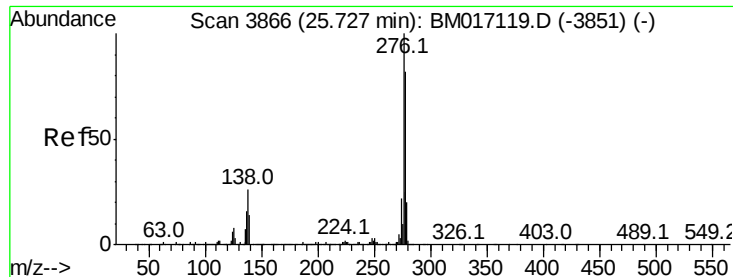
Delta R.T. 0.00 min

Lab File: BM017127.D

Acq: 11 Oct 2018 15:42

Tgt Ion:252	Resp:	202840
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.0 25.4
125	12.7	9.0 13.6



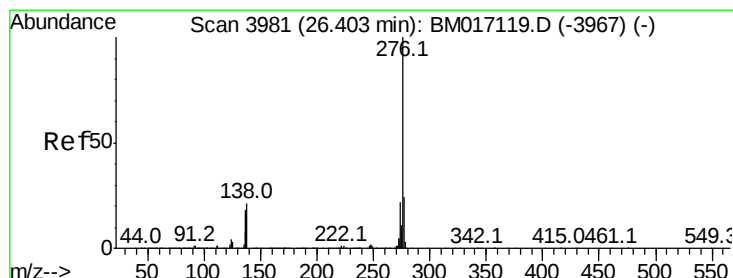
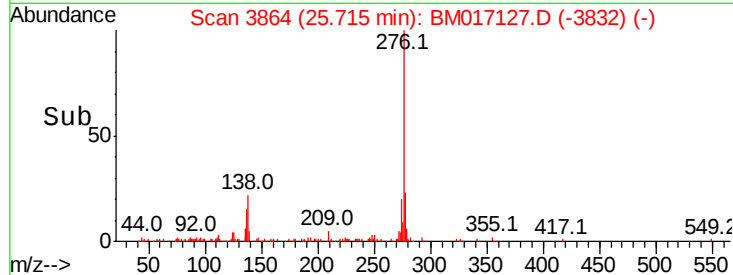
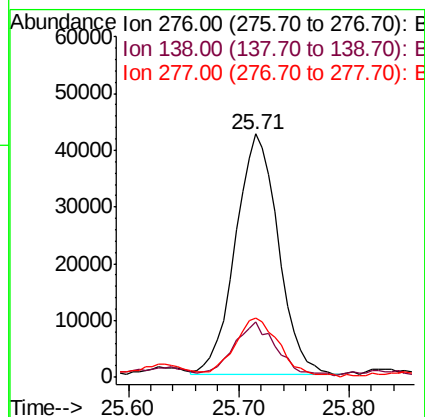
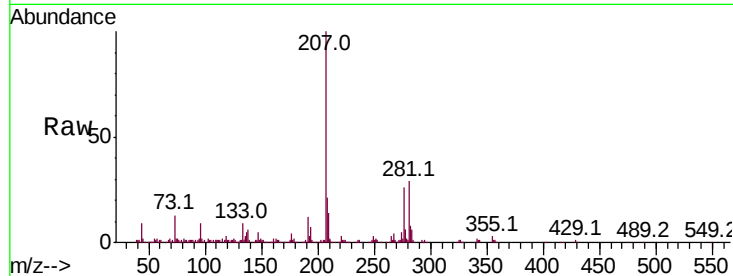


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.506 ng/ul
RT: 25.71 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.3	30.5
277	24.4	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.474 ng/ul
RT: 26.40 min Scan# 3980
Delta R.T. -0.01 min
Lab File: BM017127.D
Acq: 11 Oct 2018 15:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.5	26.3
277	25.1	18.5	27.7

