

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018119.D
 Acq On : 13 Dec 2018 07:07
 Operator : JU/SJ
 Sample : J6171-11 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 09:53:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 13 06:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	148806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	665486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	399694	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	920272	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	815632	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	750818	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4453	1.37	ng/uL	0.00
5) Phenol-d5	6.74	99	108291	7.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	64728	7.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	92551	8.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	83048	7.48	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	43269	8.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	49808	8.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	84502	7.58	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	20112	2.10	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	294292	8.49	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	352513	8.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	22744	3.61	ng/ul	0.03
57) Fluorene-d10	15.19	176	263385	8.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	14140	2.15	ng/ul	0.00
70) Anthracene-d10	17.05	188	409493	8.94	ng/ul	0.00
78) Pyrene-d10	19.36	212	418683	10.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	354852	8.71	ng/ul	0.01

Target Compounds

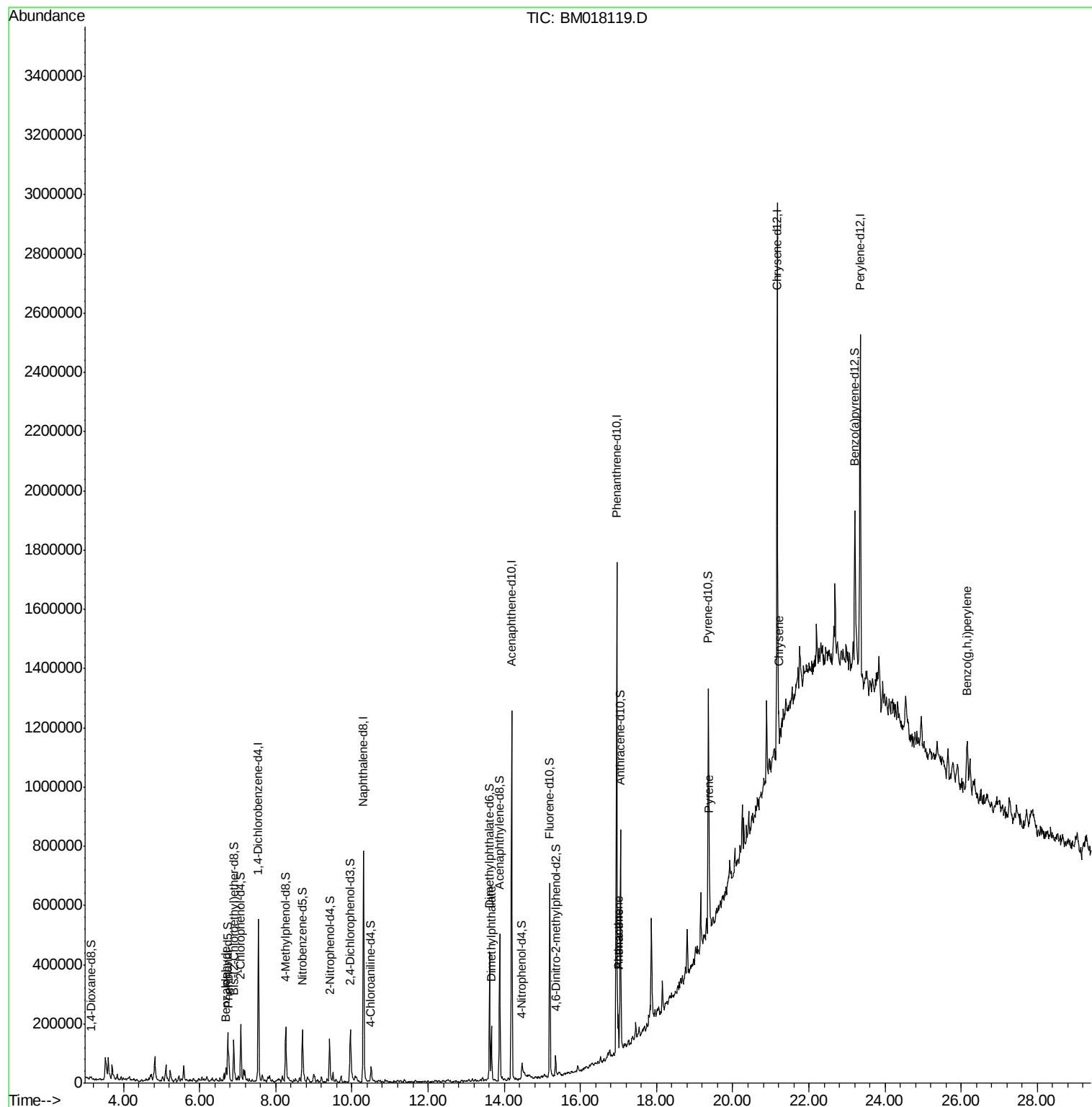
				Ovalue	
4) Benzaldehyde	6.70	77	4397	1.735	ng/ul# 1
6) Phenol	6.76	94	29756	2.194	ng/ul 92
44) Dimethylphthalate	13.66	163	118196	3.518	ng/ul 99
69) Phenanthrene	16.99	178	71474	1.358	ng/ul 98
71) Anthracene	16.99	178	71468	1.328	ng/ul 98
79) Pyrene	19.39	202	72354	1.461	ng/ul# 97
84) Chrysene	21.20	228	56166	1.187	ng/ul# 88
93) Benzo(a,h,i)perylene	26.16	276	201953	5.328	ng/ul 96

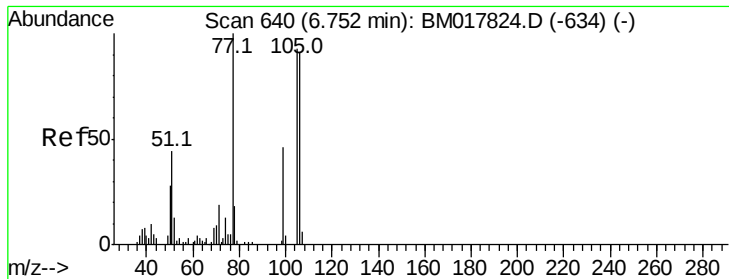
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.735 ng/ul

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

Instrument :

BNA_M

ClientSampleId :

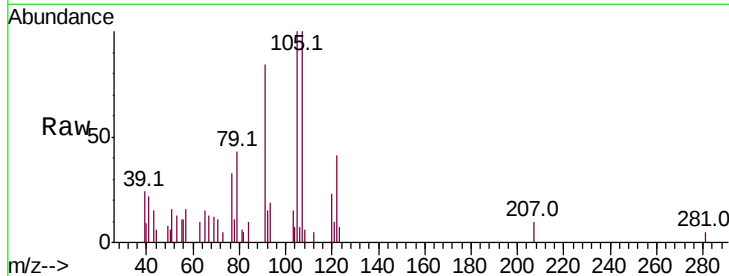
Tot Ion: 77 Resp: 4397

Ion Ratio Lower Upper

77 100

105 300.2 74.4 111.6#

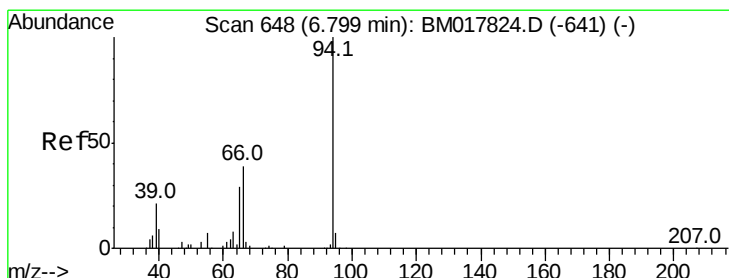
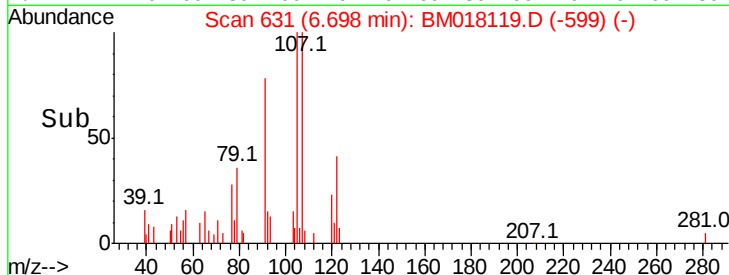
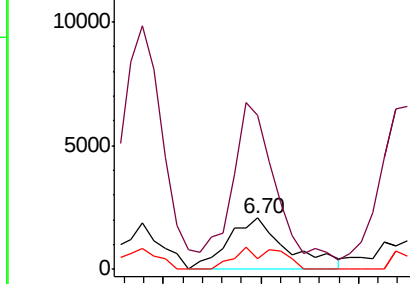
106 21.2 67.4 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BM018119.D (-599) (-)

Ion 105.00 (104.70 to 105.70): BM018119.D (-599) (-)

Ion 106.00 (105.70 to 106.70): BM018119.D (-599) (-)



#6

Phenol

Concen: 2.194 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

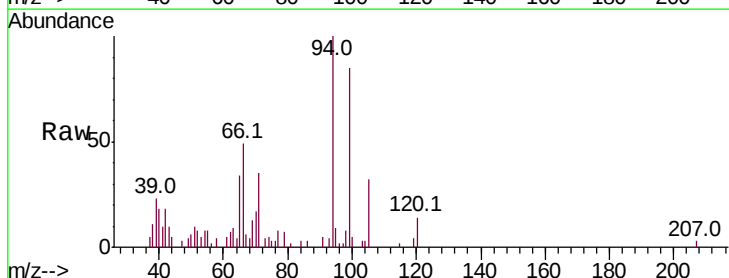
Tgt Ion: 94 Resp: 29756

Ion Ratio Lower Upper

94 100

65 33.5 24.7 37.1

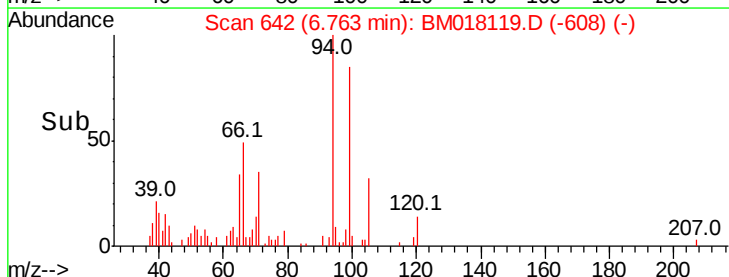
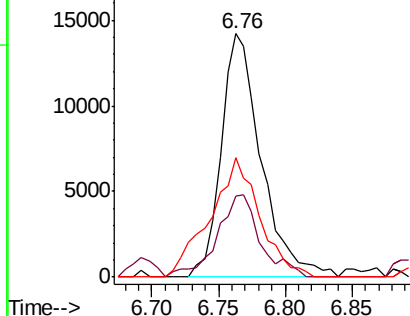
66 49.3 34.6 51.8

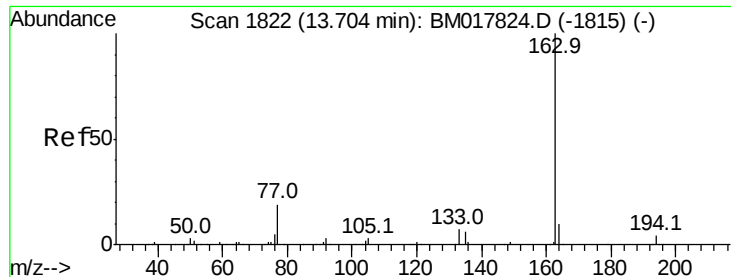


Abundance Ion 94.00 (93.70 to 94.70): BM018119.D (-608) (-)

Ion 65.00 (64.70 to 65.70): BM018119.D (-608) (-)

Ion 66.00 (65.70 to 66.70): BM018119.D (-608) (-)





#44

Dimethylphthalate

Concen: 3.518 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

Instrument :

BNA_M

ClientSampled :

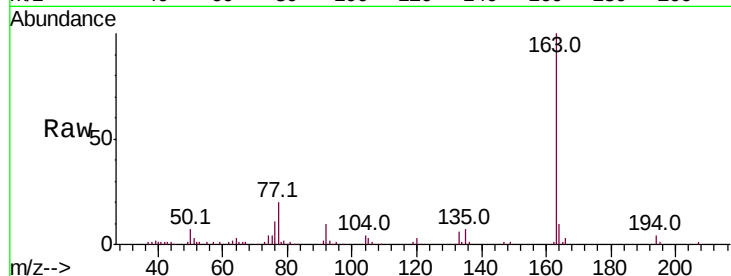
Tot Ion:163 Resp: 118196

Ion Ratio Lower Upper

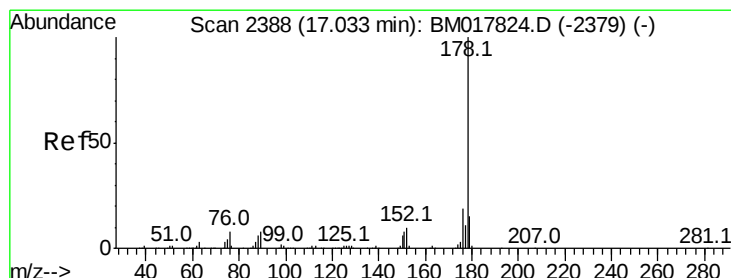
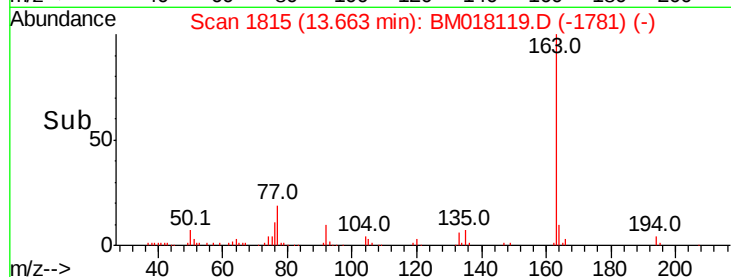
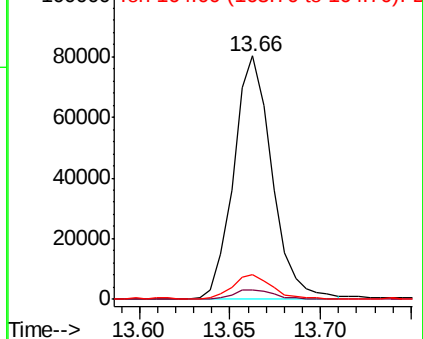
163 100

194 3.6 3.4 5.0

164 10.1 8.1 12.1



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



#69

Phenanthrene

Concen: 1.358 ng/ul

RT: 16.99 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

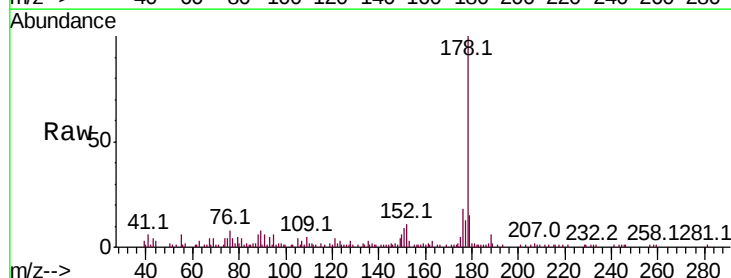
Tgt Ion:178 Resp: 71474

Ion Ratio Lower Upper

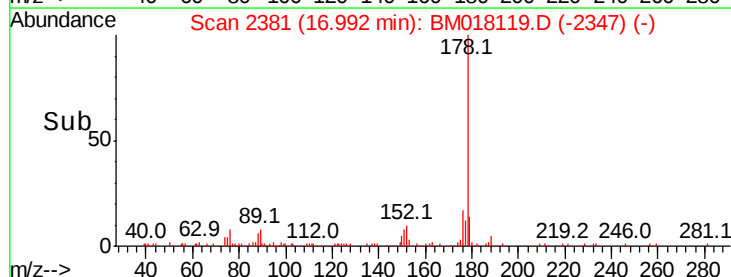
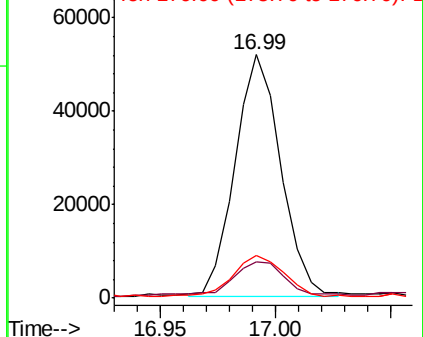
178 100

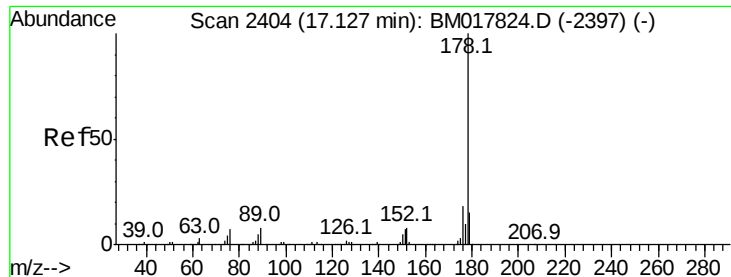
179 14.9 11.8 17.8

176 17.7 15.0 22.6



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

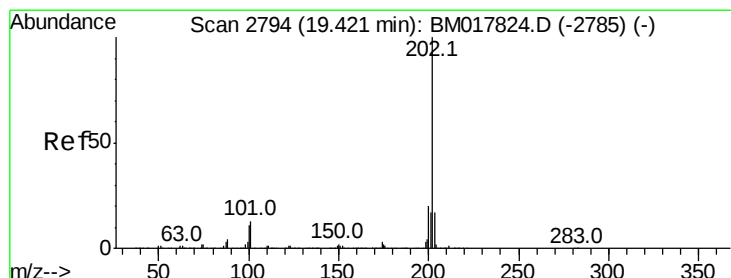
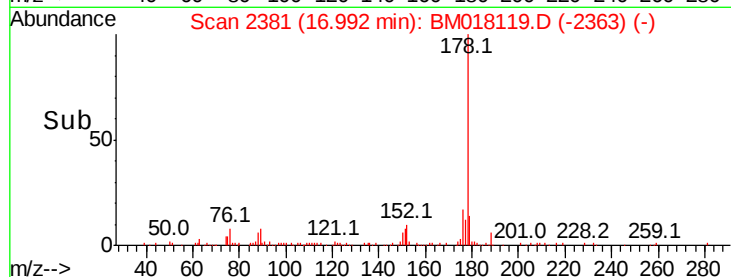
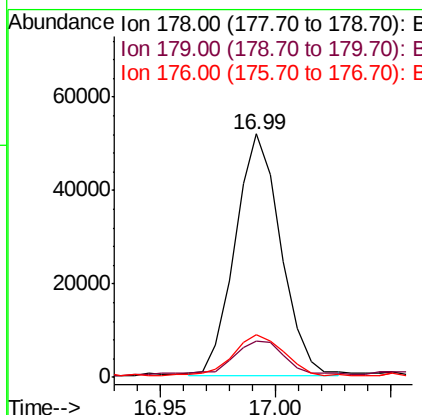
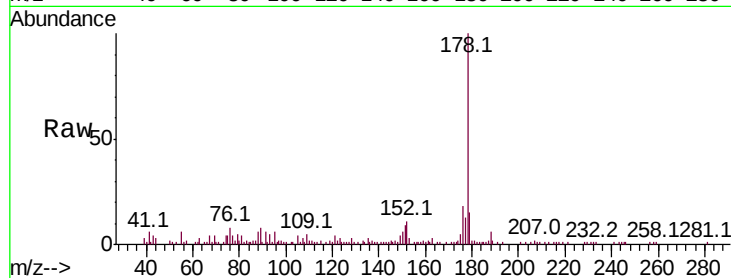




#71
 Anthracene
 Concen: 1.328 ng/ul
 RT: 16.99 min Scan# 2381
 Delta R.T. -0.09 min
 Lab File: BM018119.D
 Acq: 13 Dec 2018 07:07

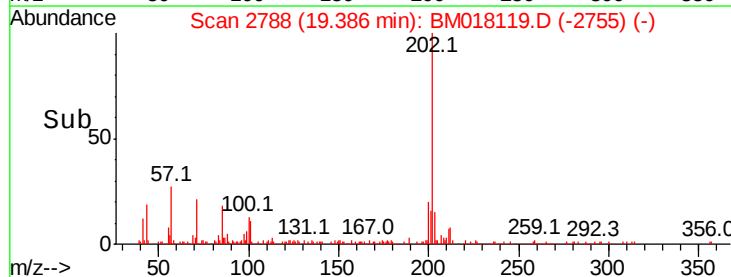
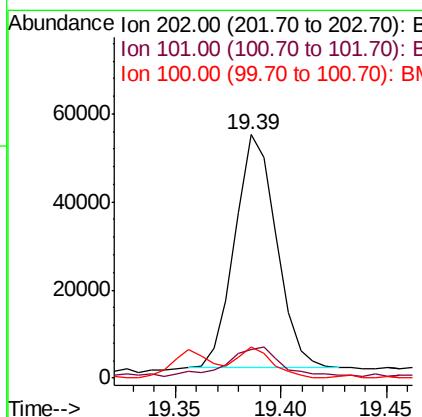
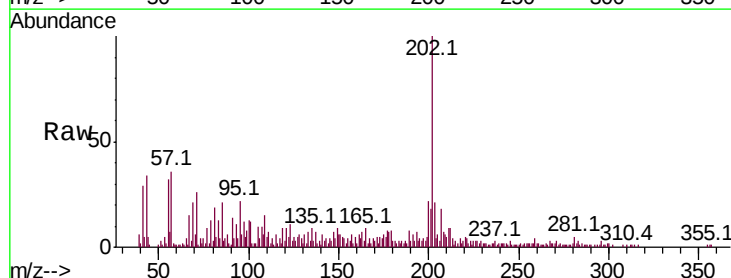
Instrument :
 BNA_M
 ClientSampleId :

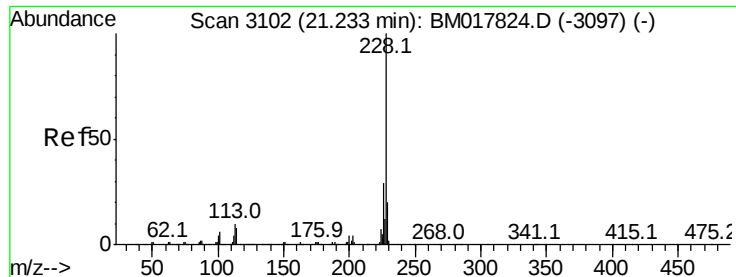
Tot Ion:178 Resp: 71468
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.4 18.6
 176 17.7 14.8 22.2



#79
 Pyrene
 Concen: 1.461 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM018119.D
 Acq: 13 Dec 2018 07:07

Tgt Ion:202 Resp: 72354
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.6 14.4
 100 12.6 7.9 11.9#





#84

Chrysene

Concen: 1.187 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

Instrument :

BNA_M

ClientSampleId :

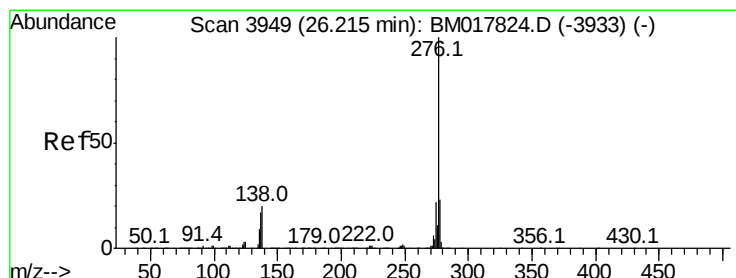
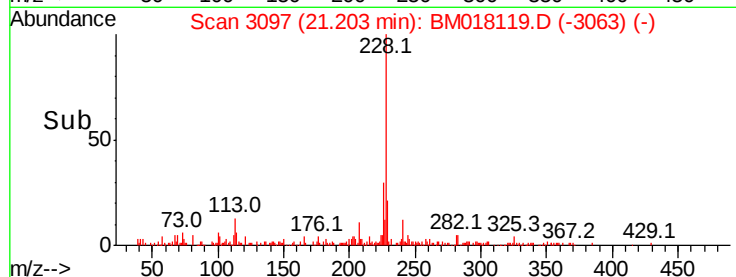
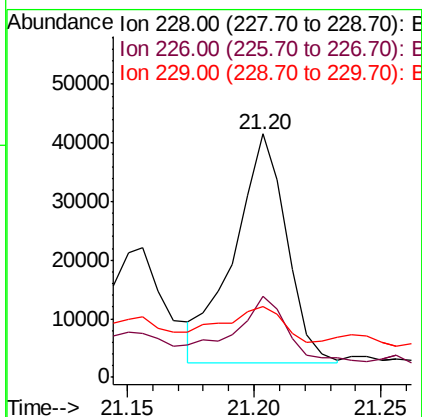
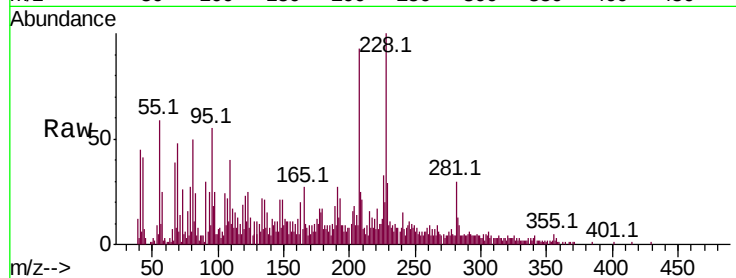
Tot Ion:228 Resp: 56166

Ion Ratio Lower Upper

228 100

226 33.2 23.7 35.5

229 29.2 15.8 23.8#



#93

Benzo(g,h,i)perylene

Concen: 5.328 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.02 min

Lab File: BM018119.D

Acq: 13 Dec 2018 07:07

Tgt Ion:276 Resp: 201953

Ion Ratio Lower Upper

276 100

138 22.6 15.8 23.6

277 24.4 18.6 27.8

