

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101318\
 Data File : BM017151.D
 Acq On : 13 Oct 2018 17:33
 Operator : MJ/SJ
 Sample : J5400-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 15 01:22:21 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	198040	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	903502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	516405	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1151643	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1013549	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	889758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	270	0.07	ng/uL	0.02
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
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	10.47	131	1197	0.07	ng/ul	-0.14
44) Dimethylphthalate-d6	13.63	166	557	0.01	ng/ul	-0.11
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.55	143	664	0.09	ng/ul	0.01
58) Fluorene-d10	15.33	176	2840	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	918	0.14	ng/ul	-0.02
71) Anthracene-d10	17.08	188	1151643	20.94	ng/ul	-0.09
79) Pyrene-d10	19.49	212	363	0.01	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.41	264	927	0.02	ng/ul	0.06

Target Compounds

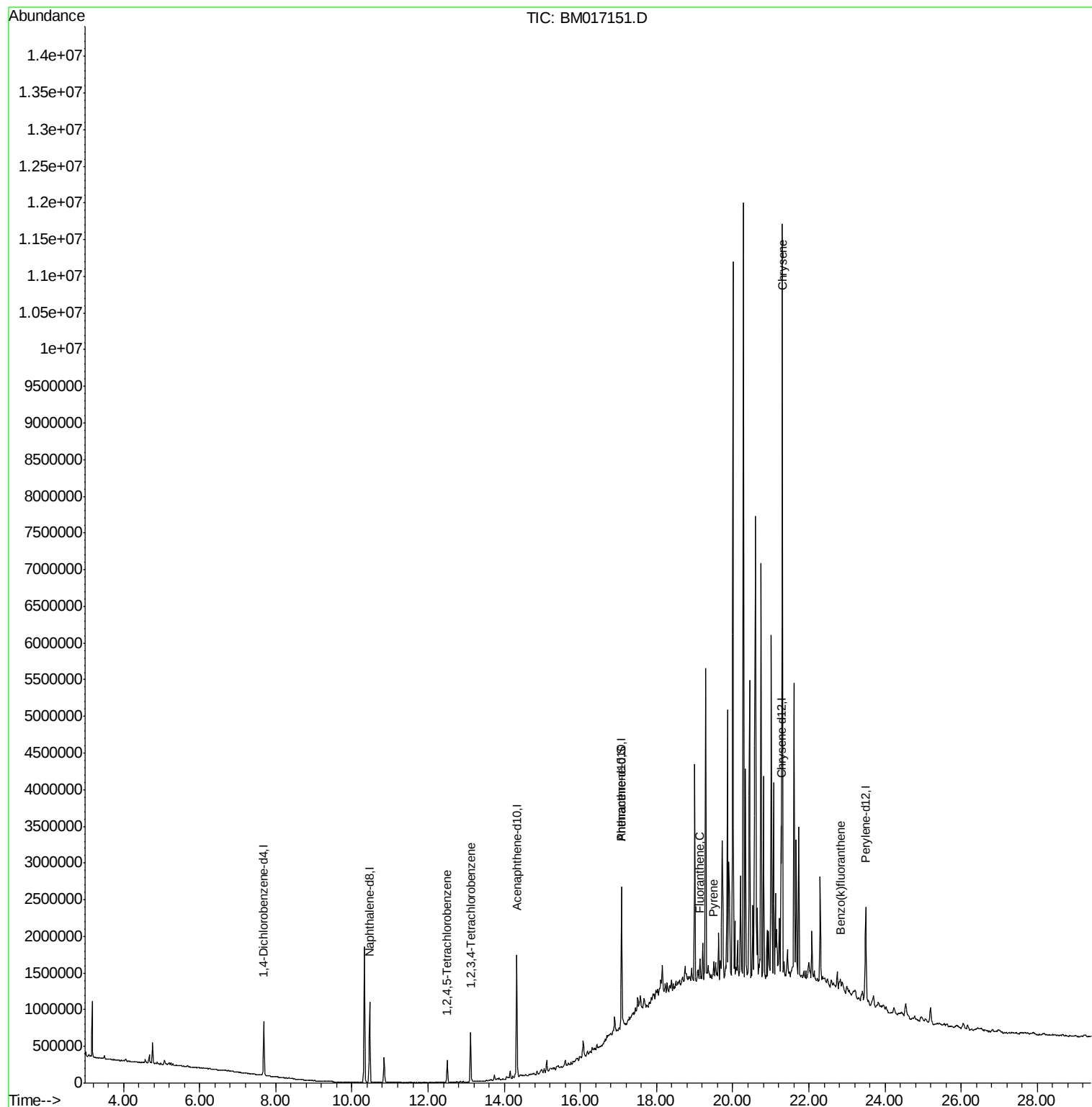
					Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	106542	6.008	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	204285	11.115	ng/uL	96
77) Fluoranthene	19.14	202	134804	1.802	ng/ul	99
80) Pyrene	19.50	202	60649	1.033	ng/ul	98
85) Chrysene	21.30	228	71780	1.221	ng/ul#	82
89) Benzo(k)fluoranthene	22.83	252	52972	1.041	ng/ul#	49

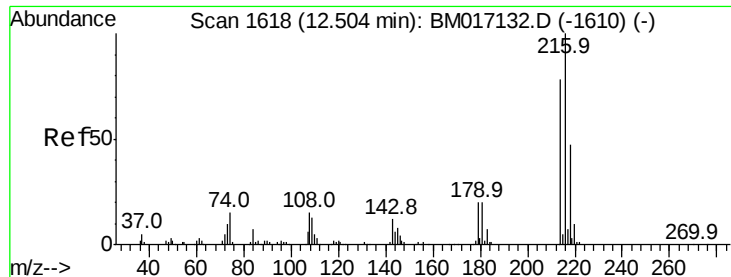
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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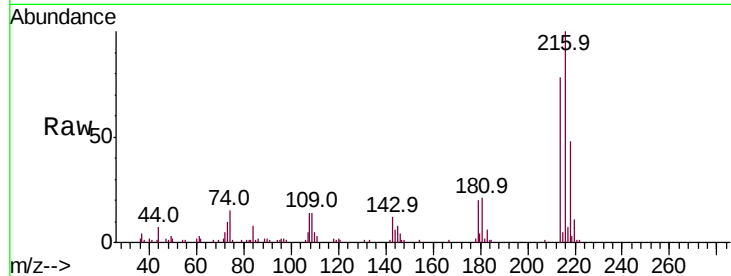




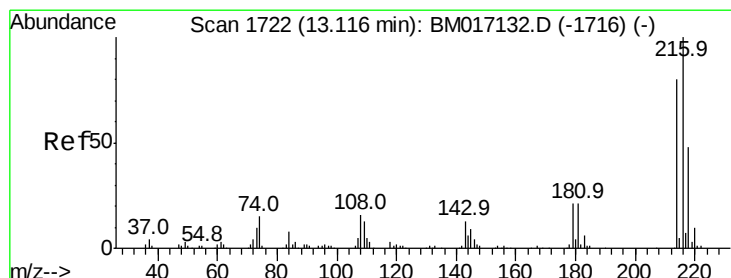
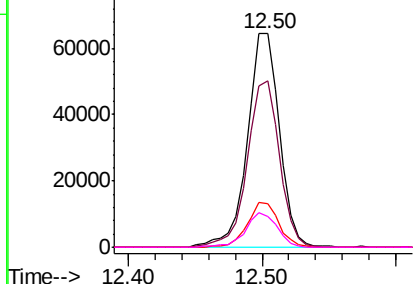
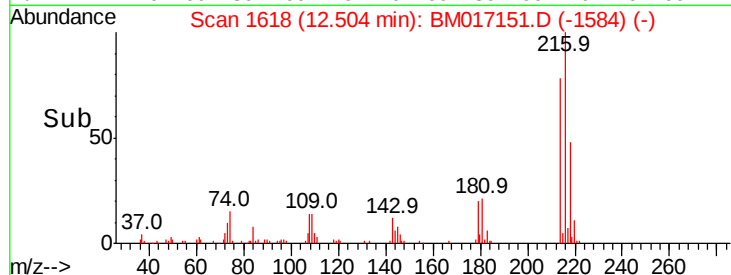
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.008 ng/ul
 RT: 12.50 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BM017151.D
 Acq: 13 Oct 2018 17:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	106542
Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.0	91.6
179	20.4	16.6	24.8
108	14.3	12.7	19.1

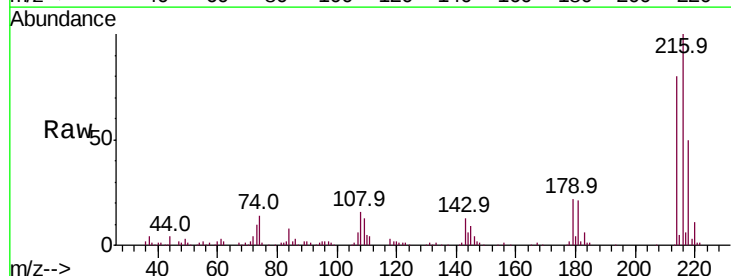


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

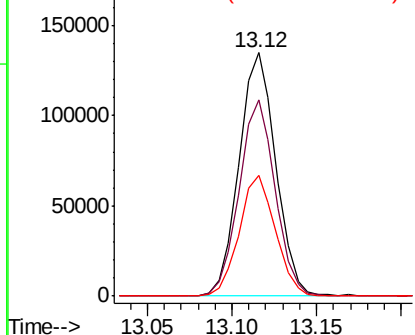
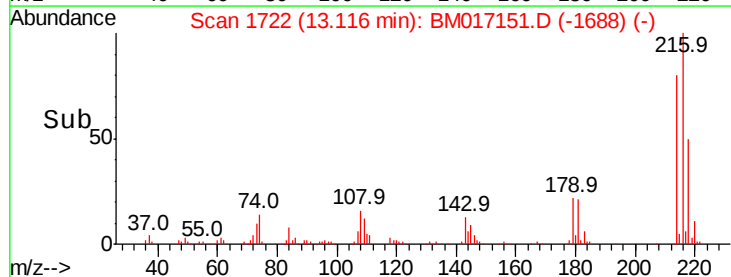


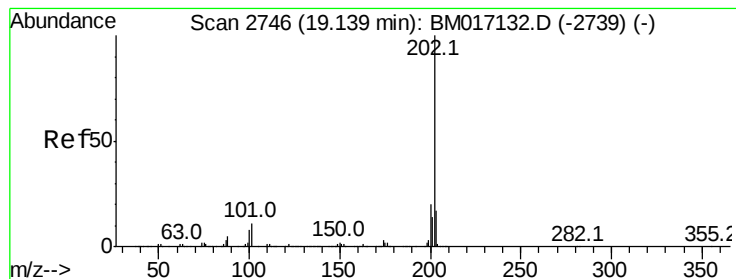
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.115 ng/uL
 RT: 13.12 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BM017151.D
 Acq: 13 Oct 2018 17:33

Tgt Ion:	216	Resp:	204285
Ion	Ratio	Lower	Upper
216	100		
214	80.4	61.6	92.4
218	49.5	37.8	56.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#77

Fluoranthene

Concen: 1.802 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BM017151.D

Acq: 13 Oct 2018 17:33

Instrument :

BNA_M

ClientSampled :

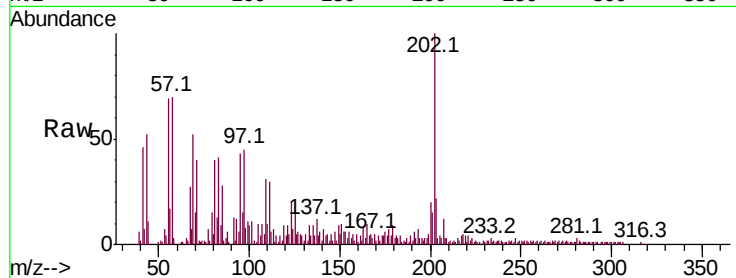
Tot Ion:202 Resp: 134804

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

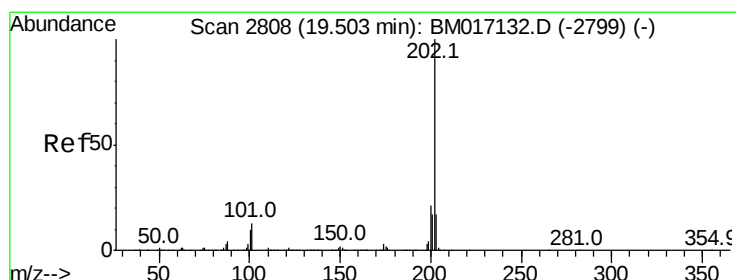
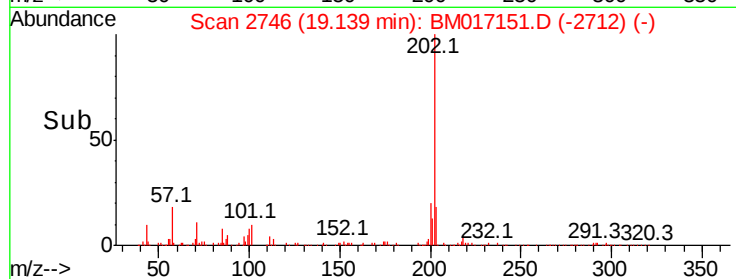
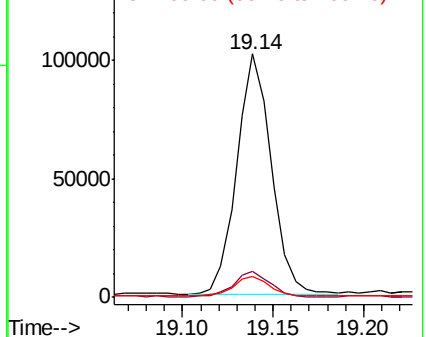
100 8.8 6.6 9.8



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): B



#80

Pyrene

Concen: 1.033 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM017151.D

Acq: 13 Oct 2018 17:33

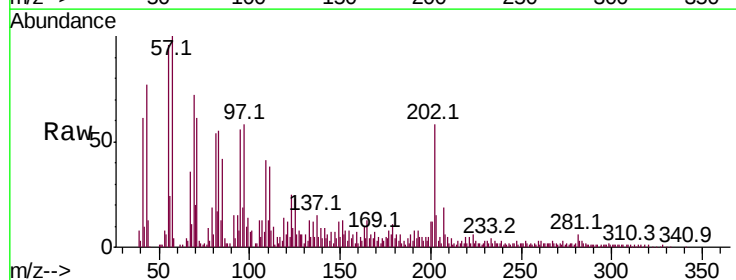
Tgt Ion:202 Resp: 60649

Ion Ratio Lower Upper

202 100

101 13.4 10.8 16.2

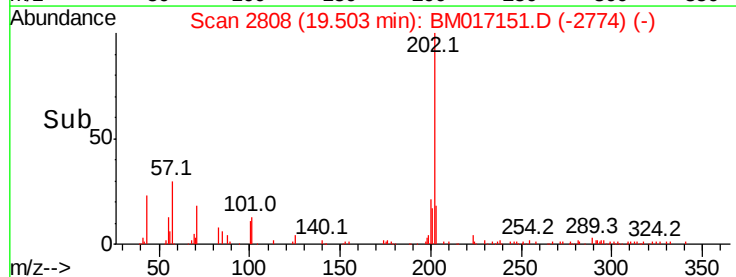
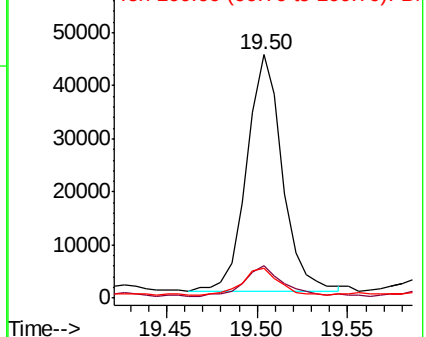
100 12.4 8.9 13.3

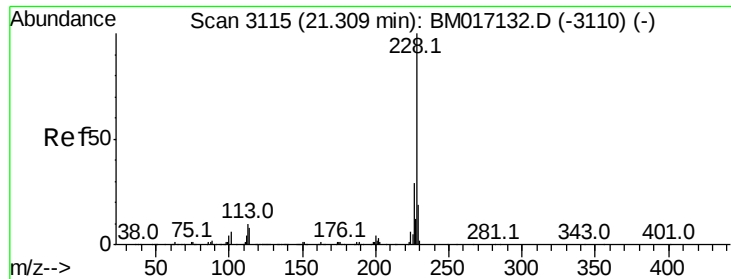


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

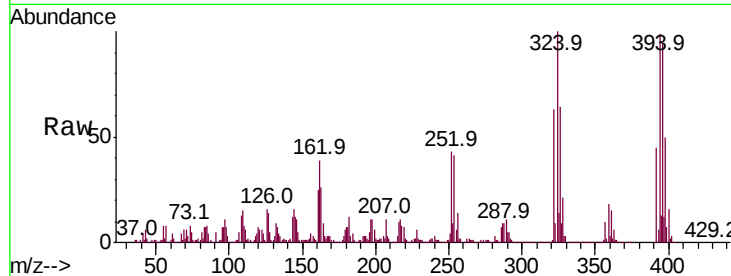




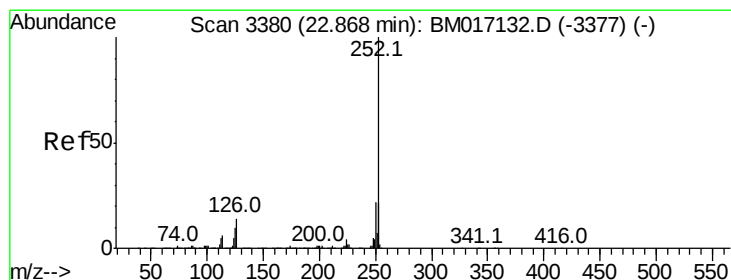
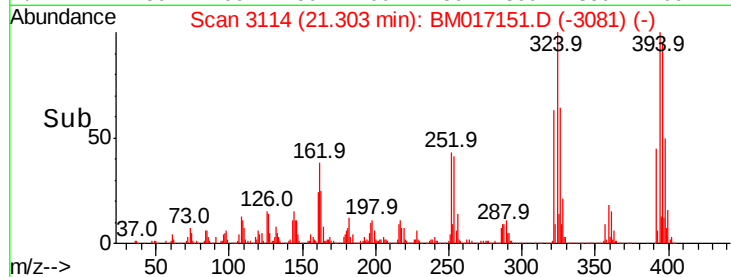
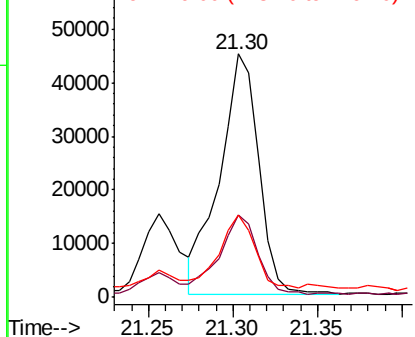
#85
Chrysene
Concen: 1.221 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM017151.D
Acq: 13 Oct 2018 17:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 71780
Ion Ratio Lower Upper
228 100
226 33.9 23.4 35.2
229 33.8 15.6 23.4#

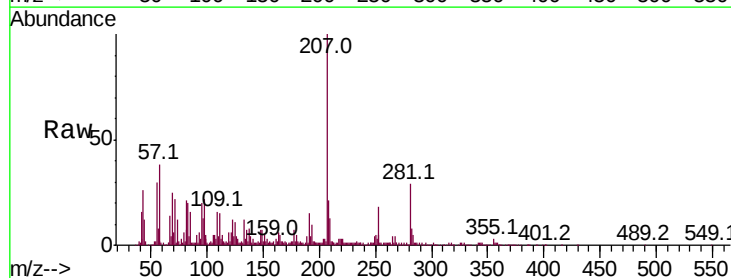


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#89
Benzo(k)fluoranthene
Concen: 1.041 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.04 min
Lab File: BM017151.D
Acq: 13 Oct 2018 17:33

Tgt Ion:252 Resp: 52972
Ion Ratio Lower Upper
252 100
253 28.6 17.5 26.3#
125 59.1 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

