

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101318\
 Data File : BM017153.D
 Acq On : 13 Oct 2018 18:45
 Operator : MJ/SJ
 Sample : J5400-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 15 01:22:36 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	213844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	957229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	509231	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	1087591	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	926872	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	992550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	271	0.06	ng/uL	0.00
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	1828	0.10	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.65	143	340	0.04	ng/ul	0.11
58) Fluorene-d10	15.32	176	2505	0.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.07	188	1087591	20.94	ng/ul	-0.10
79) Pyrene-d10	19.46	212	298	0.01	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.50	264	978545	19.26	ng/ul	0.15

Target Compounds

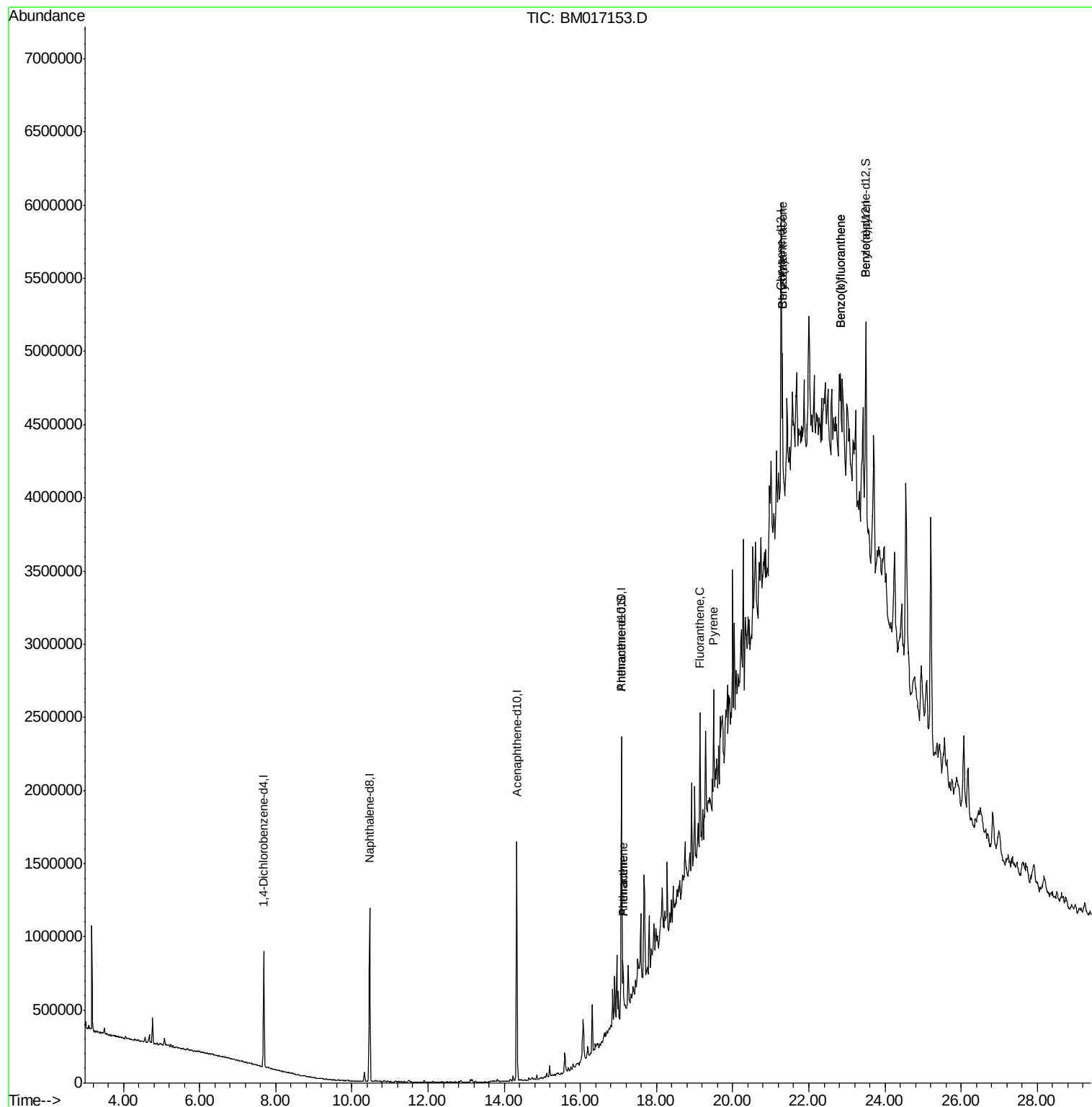
					Ovalue	
70) Phenanthrene	17.12	178	190860	3.130	ng/ul	98
72) Anthracene	17.12	178	190860	3.080	ng/ul	98
77) Fluoranthene	19.14	202	438174	6.203	ng/ul	99
80) Pyrene	19.50	202	149314	2.780	ng/ul	97
83) Benzo(a)anthracene	21.30	228	225508	4.056	ng/ul	91
85) Chrysene	21.30	228	225443	4.192	ng/ul	95
88) Benzo(b)fluoranthene	22.83	252	160033	2.708	ng/ul#	32
89) Benzo(k)fluoranthene	22.83	252	160033	2.819	ng/ul#	33

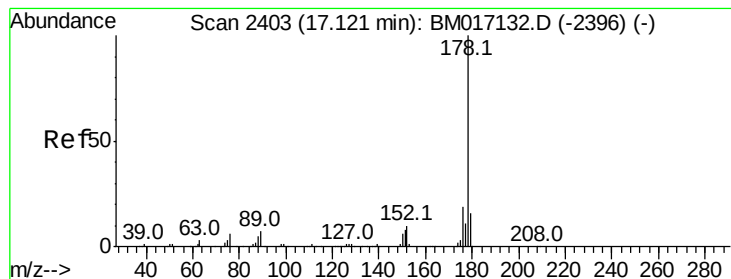
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.130 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM017153.D

Acq: 13 Oct 2018 18:45

Instrument :

BNA_M

ClientSampleId :

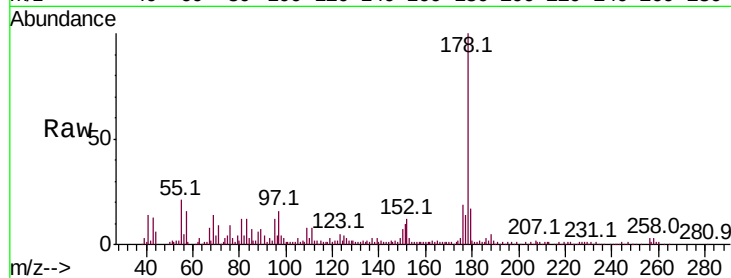
Tot Ion:178 Resp: 190860

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.2
176	18.8	15.0	22.4

178 100

179 16.8 12.2 18.2

176 18.8 15.0 22.4

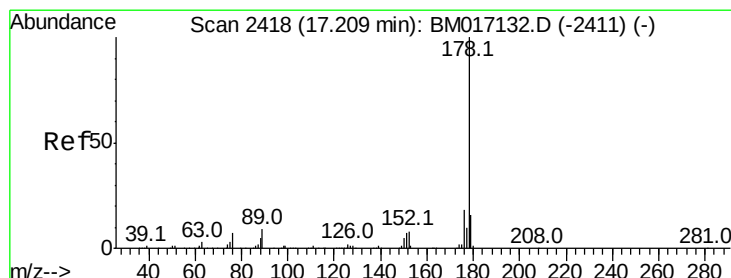
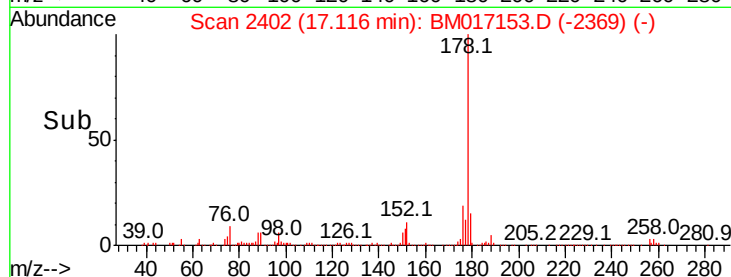
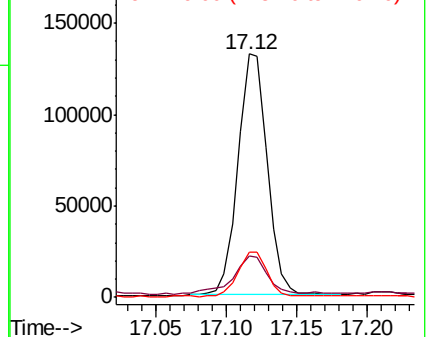


Abundance

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: 3.080 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.09 min

Lab File: BM017153.D

Acq: 13 Oct 2018 18:45

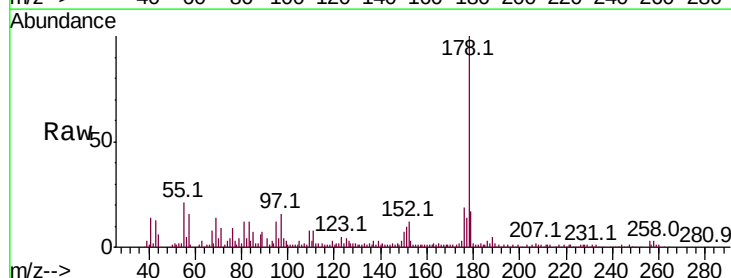
Tgt Ion:178 Resp: 190860

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.2	18.4
176	18.8	14.6	22.0

178 100

179 16.8 12.2 18.4

176 18.8 14.6 22.0

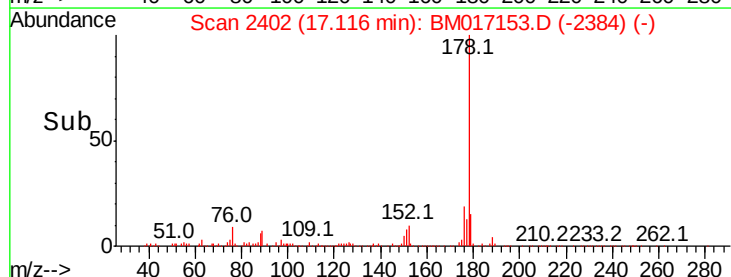
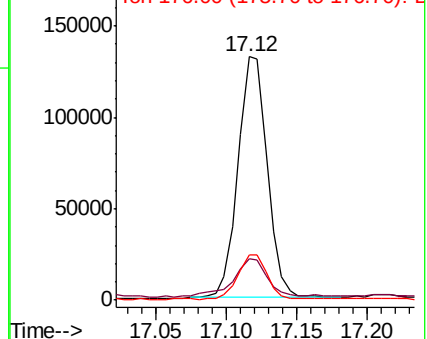


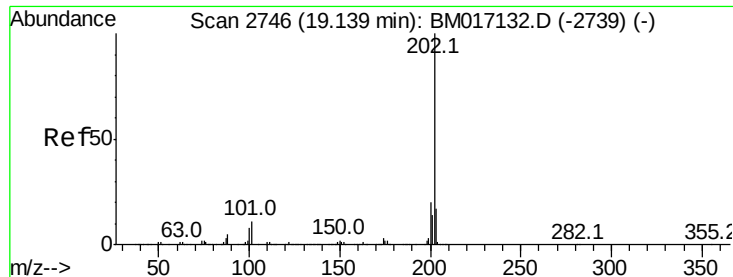
Abundance

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

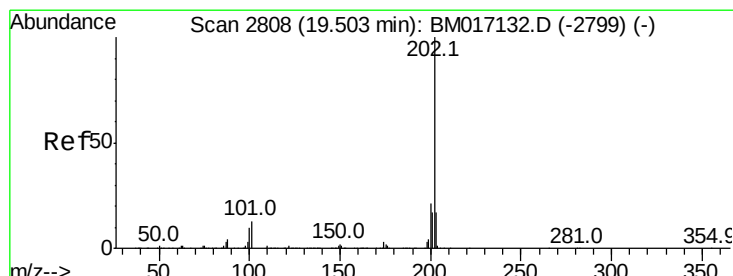
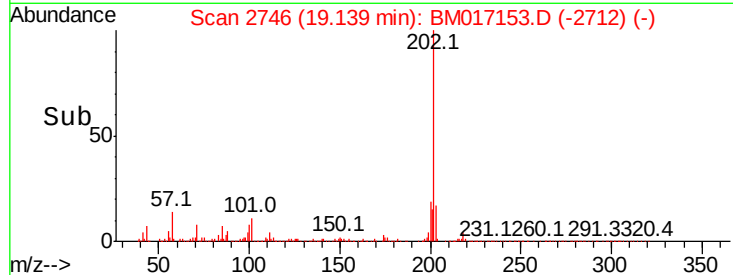
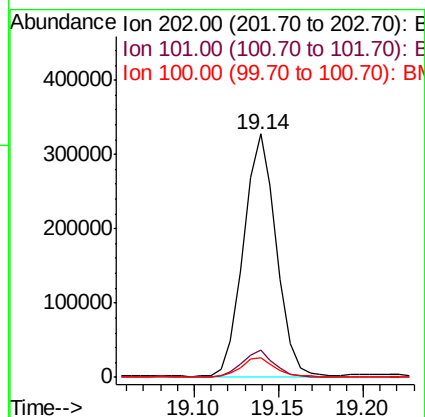
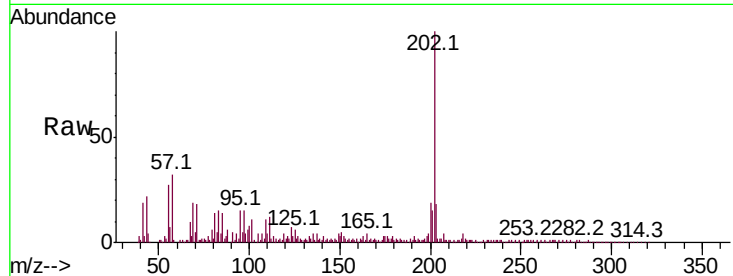




#77
Fluoranthene
Concen: 6.203 ng/ul
RT: 19.14 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

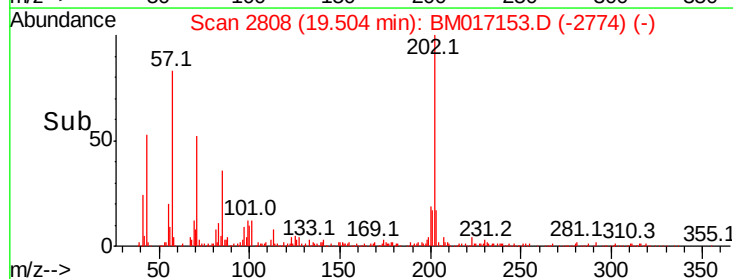
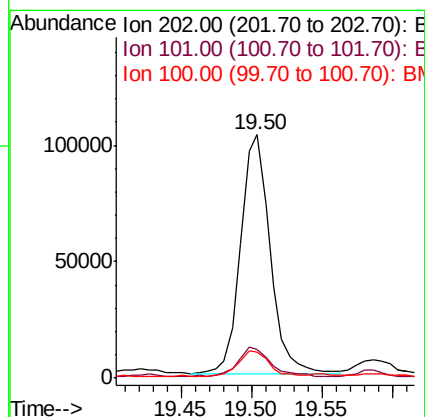
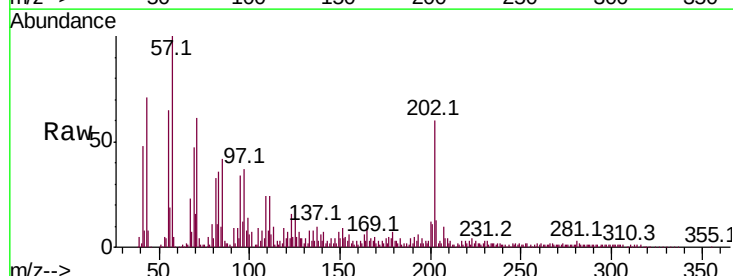
Instrument :
BNA_M
ClientSampleId :

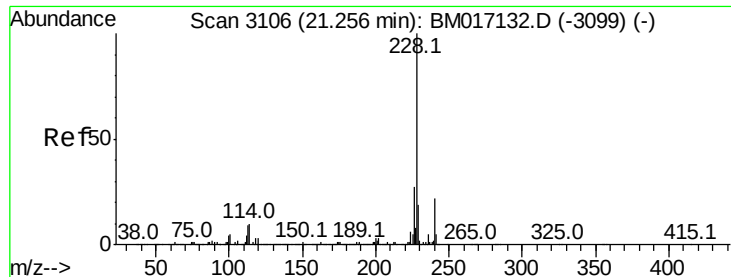
Tot Ion:	202	Resp:	438174
Ion Ratio	Lower	Upper	
202	100		
101	11.1	8.3	12.5
100	8.3	6.6	9.8



#80
Pyrene
Concen: 2.780 ng/ul
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion:	202	Resp:	149314
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.8	16.2
100	10.6	8.9	13.3

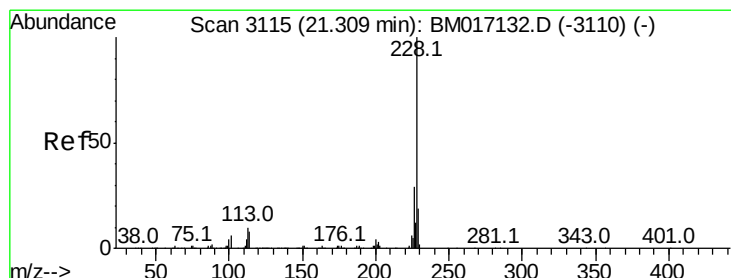
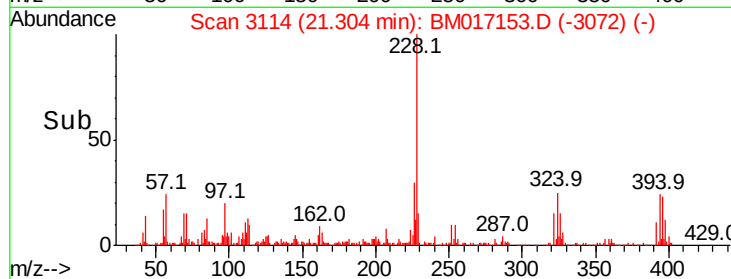
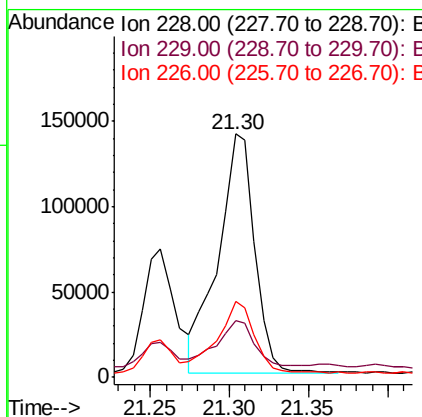
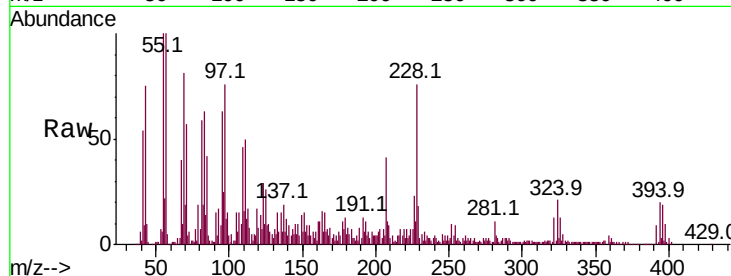




#83
Benzo(a)anthracene
Concen: 4.056 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. 0.05 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

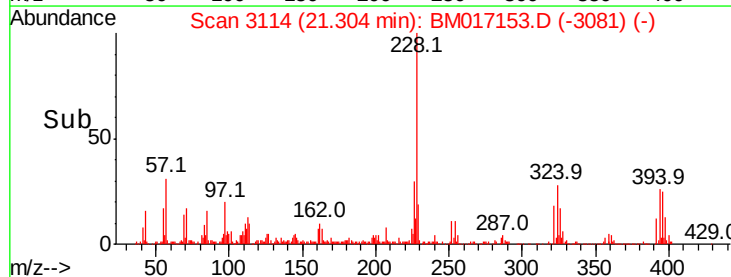
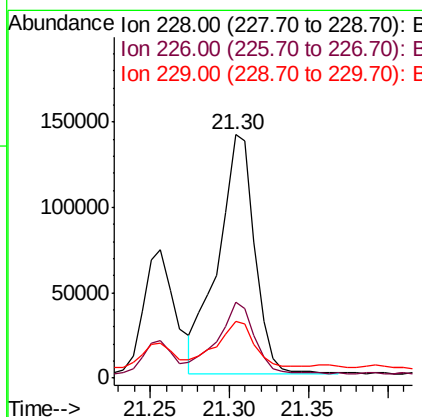
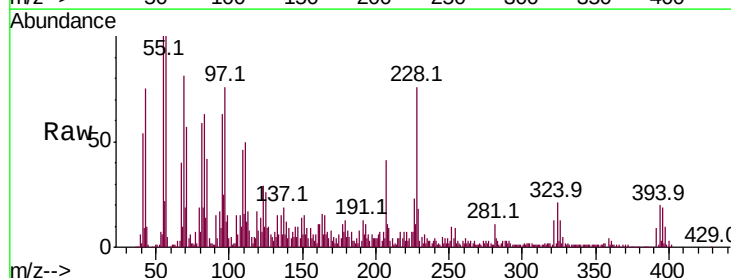
Instrument :
BNA_M
ClientSampleId :

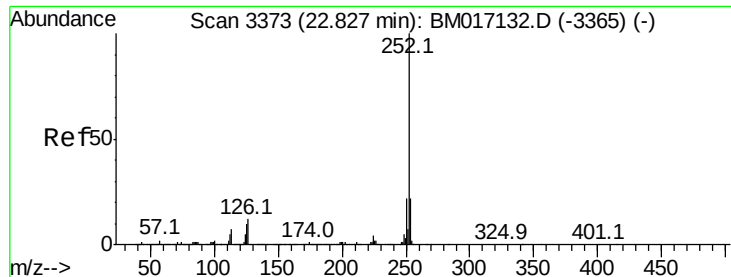
Tot Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	31.0	20.9	31.3



#85
Chrysene
Concen: 4.192 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM017153.D
Acq: 13 Oct 2018 18:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.2	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 2.708 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BM017153.D

Acq: 13 Oct 2018 18:45

Instrument :

BNA_M

ClientSampleId :

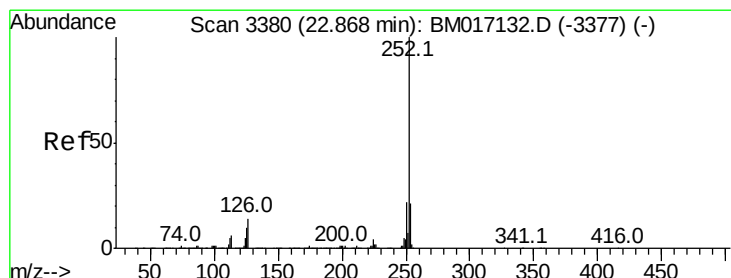
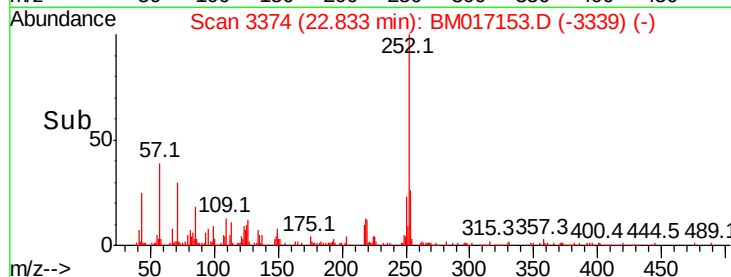
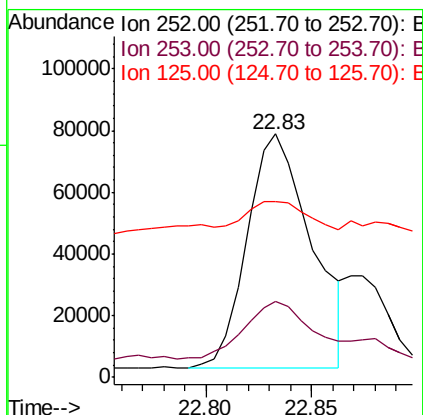
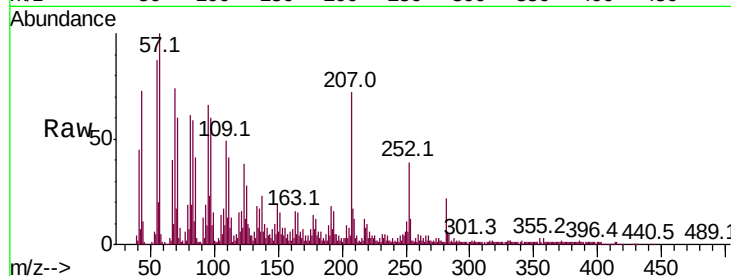
Tot Ion:252 Resp: 160033

Ion Ratio Lower Upper

252 100

253 31.4 17.3 25.9#

125 72.4 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 2.819 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.03 min

Lab File: BM017153.D

Acq: 13 Oct 2018 18:45

Tgt Ion:252 Resp: 160033

Ion Ratio Lower Upper

252 100

253 31.4 17.5 26.3#

125 72.4 8.2 12.4#

