

Data File : BM017895.D
Acq On : 04 Dec 2018 03:56
Operator : JU/SJ
Sample : J6045-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4T1

Quant Time: Dec 04 06:17:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 04 00:18:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	191757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	869346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	507499	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1096202	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1045525	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	954227	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
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	10.35	131	1107	0.09	ng/ul	-0.15
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.23	176	2329	0.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.98	188	1096202	20.09	ng/ul	-0.11
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	23.37	264	941290	18.19	ng/ul	0.14

Target Compounds

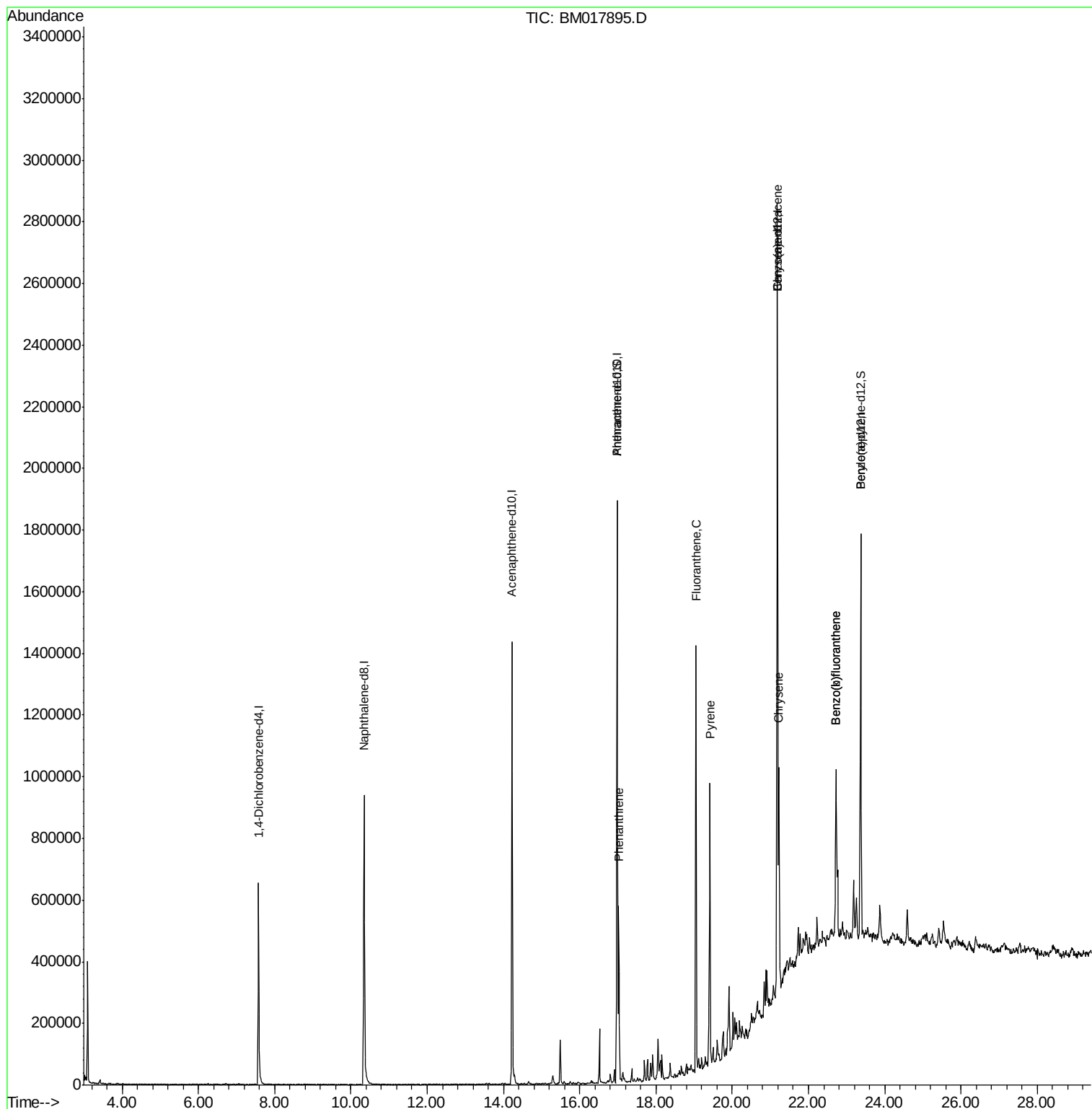
					Qvalue	
69) Phenanthrene	17.02	178	358838	5.724	ng/ul	99
76) Fluoranthene	19.05	202	836495	11.345	ng/ul	99
79) Pyrene	19.42	202	564837	8.900	ng/ul	99
82) Benzo(a)anthracene	21.17	228	375828	5.795	ng/ul	99
84) Chrysene	21.22	228	416353	6.865	ng/ul	99
87) Benzo(b)fluoranthene	22.72	252	417351	7.036	ng/ul	97
88) Benzo(k)fluoranthene	22.72	252	417351	7.240	ng/ul	97

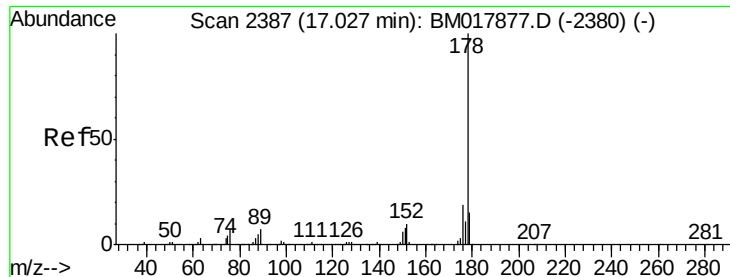
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 5.724 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

Instrument :

BNA_M

ClientSampleId :

CB4T1

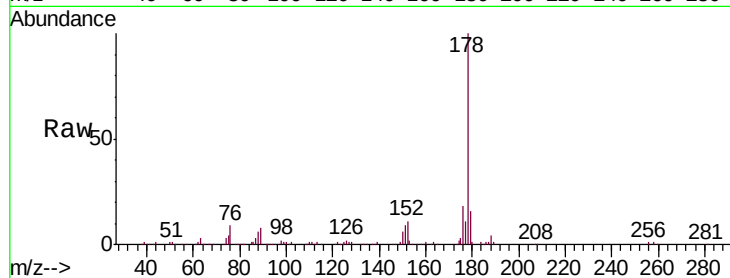
Tgt Ion:178 Resp: 358838

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

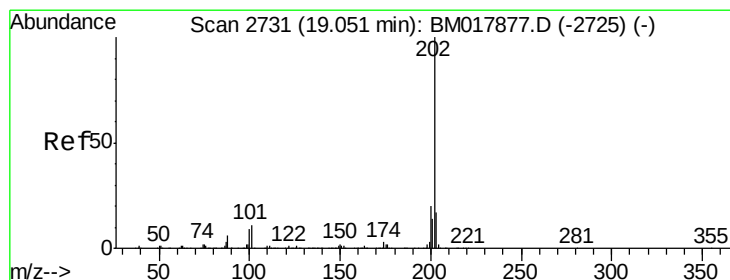
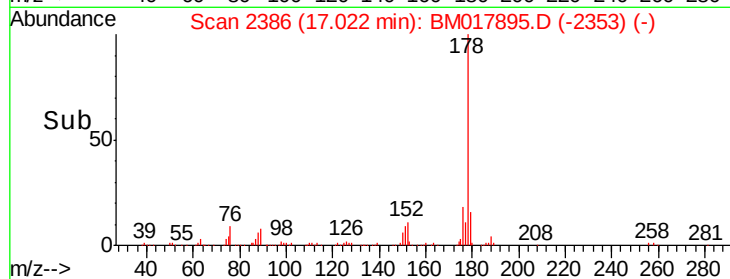
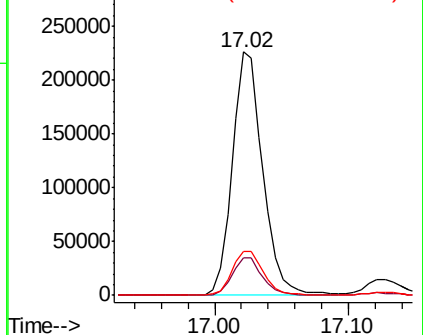
176 18.2 15.0 22.6



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



#76

Fluoranthene

Concen: 11.345 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

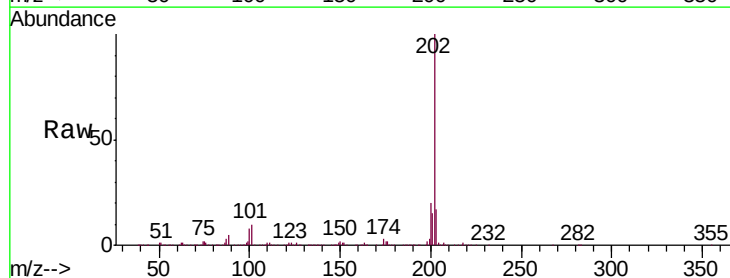
Tgt Ion:202 Resp: 836495

Ion Ratio Lower Upper

202 100

101 10.3 8.4 12.6

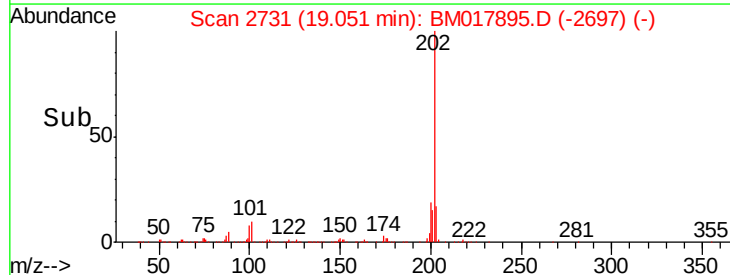
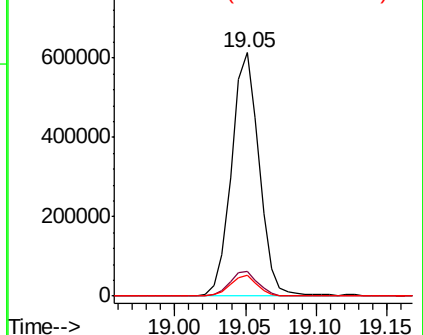
100 8.4 6.6 9.8

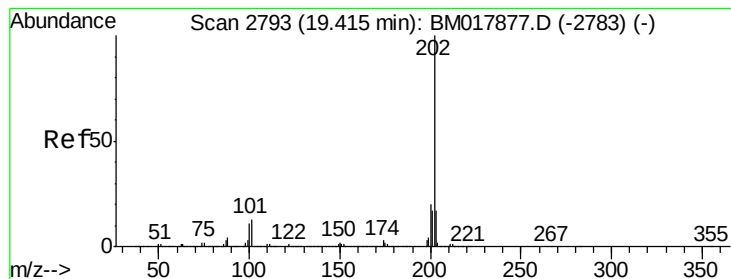


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 8.900 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

Instrument :

BNA_M

ClientSampled :

CB4T1

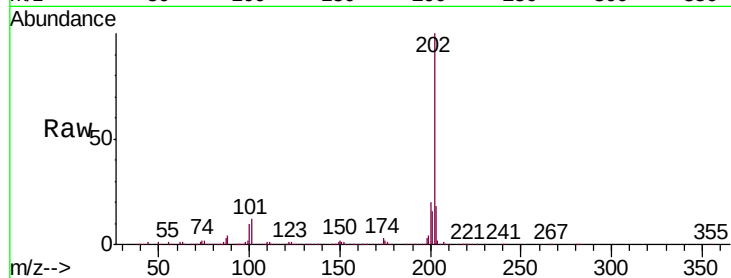
Tgt Ion:202 Resp: 564837

Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

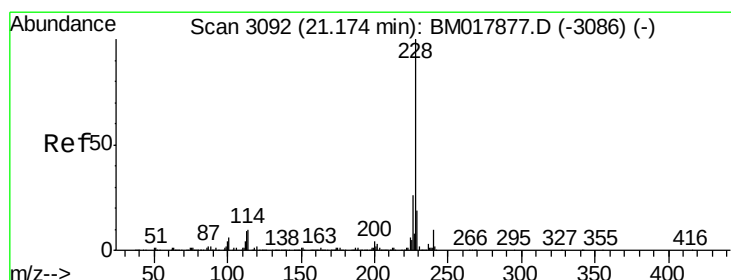
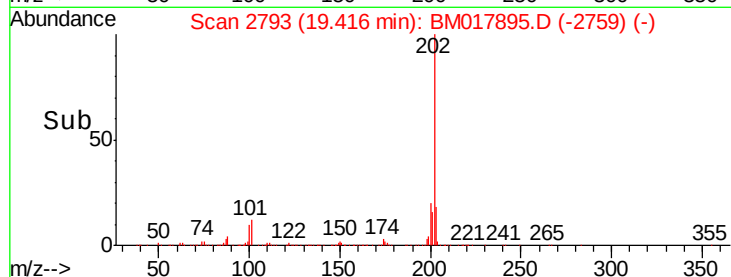
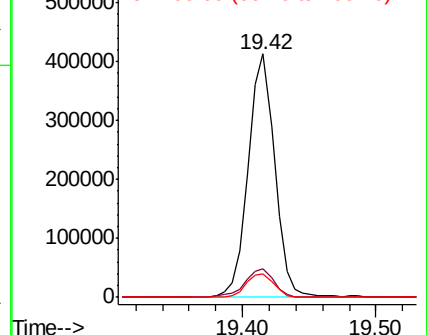
100 9.9 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 5.795 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

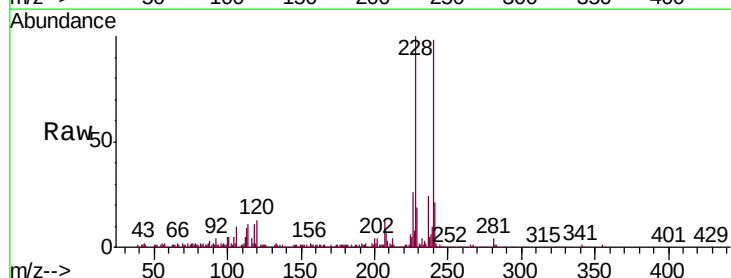
Tgt Ion:228 Resp: 375828

Ion Ratio Lower Upper

228 100

229 19.5 16.0 24.0

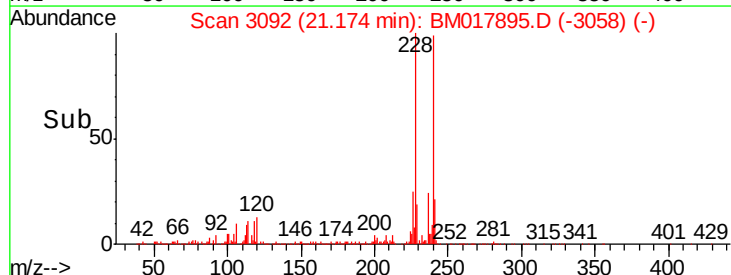
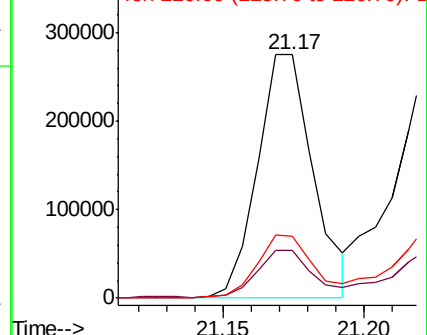
226 25.6 21.0 31.6

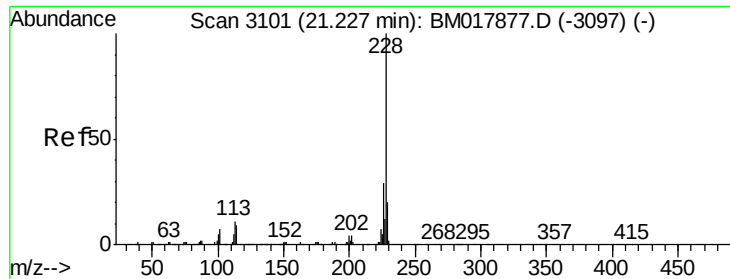


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.865 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

Instrument :

BNA_M

ClientSampleId :

CB4T1

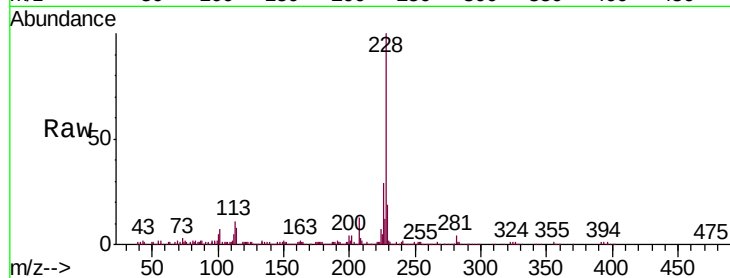
Tgt Ion:228 Resp: 416353

Ion Ratio Lower Upper

228 100

226 29.0 23.7 35.5

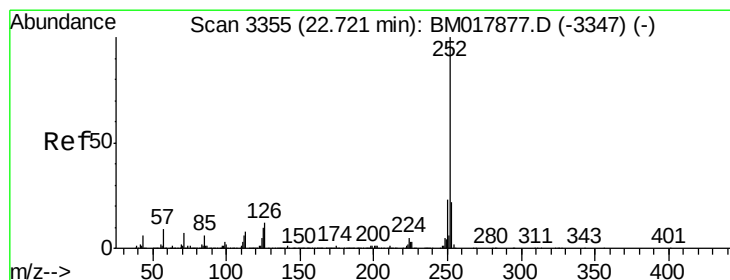
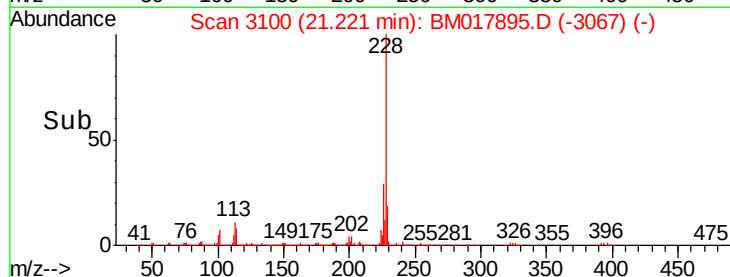
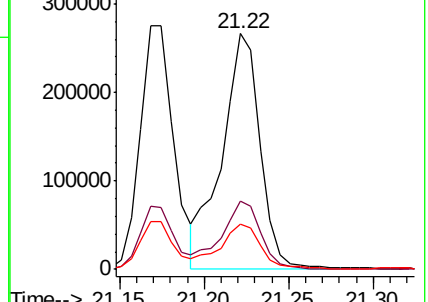
229 19.2 15.8 23.8



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



#87

Benzo(b)fluoranthene

Concen: 7.036 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

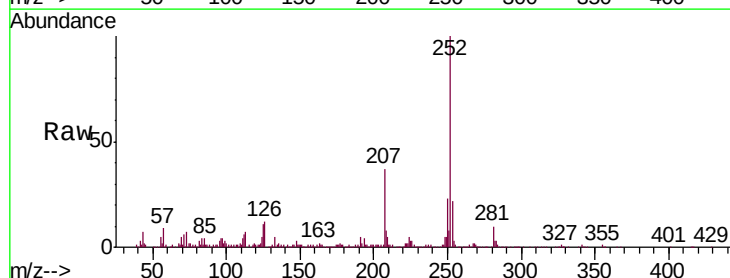
Tgt Ion:252 Resp: 417351

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

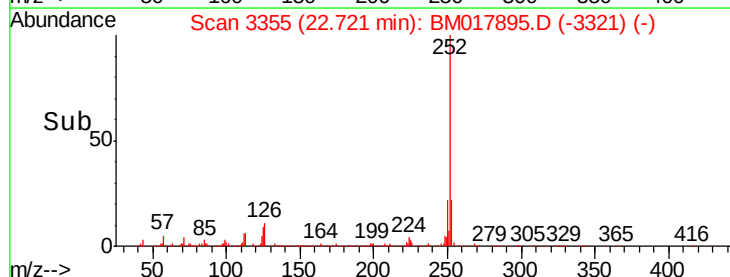
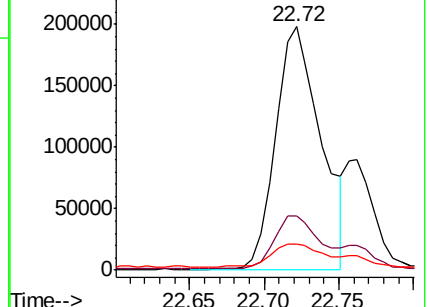
125 10.6 7.3 10.9

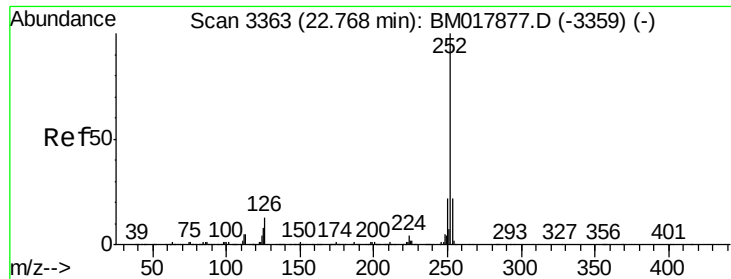


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 7.240 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. -0.05 min

Lab File: BM017895.D

Acq: 04 Dec 2018 03:56

Instrument :

BNA_M

ClientSampleId :

CB4T1

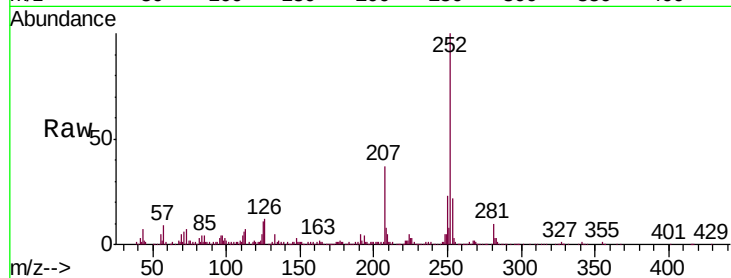
Tgt Ion: 252 Resp: 417351

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.6 7.1 10.7



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

