

Data File : BM018063.D
Acq On : 11 Dec 2018 18:35
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M14

Quant Time: Dec 12 01:07:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 00:58:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	176963	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	767547	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	422519	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	939298	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	849690	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	721921	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	13313	3.44	ng/uL	0.00
5) Phenol-d5	6.74	99	229983	14.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	152513	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	210032	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	164660	12.47	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	104052	17.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	121581	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	170556	13.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	141046	12.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	671479	18.32	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	760964	17.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	57011	8.55	ng/ul	0.02
57) Fluorene-d10	15.20	176	566972	17.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	72467	10.79	ng/ul	0.00
70) Anthracene-d10	17.06	188	797535	17.05	ng/ul	0.00
78) Pyrene-d10	19.37	212	843608	20.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	638496	16.31	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.77	94	62070	3.848 ng/ul	95
44) Dimethylphthalate	13.67	163	279127	7.859 ng/ul	99
76) Fluoranthene	19.03	202	95440	1.511 ng/ul	100
79) Pyrene	19.40	202	77779	1.508 ng/ul	96
87) Benzo(b)fluoranthene	22.71	252	53538	1.193 ng/ul#	93
88) Benzo(k)fluoranthene	22.71	252	53538	1.228 ng/ul#	93

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

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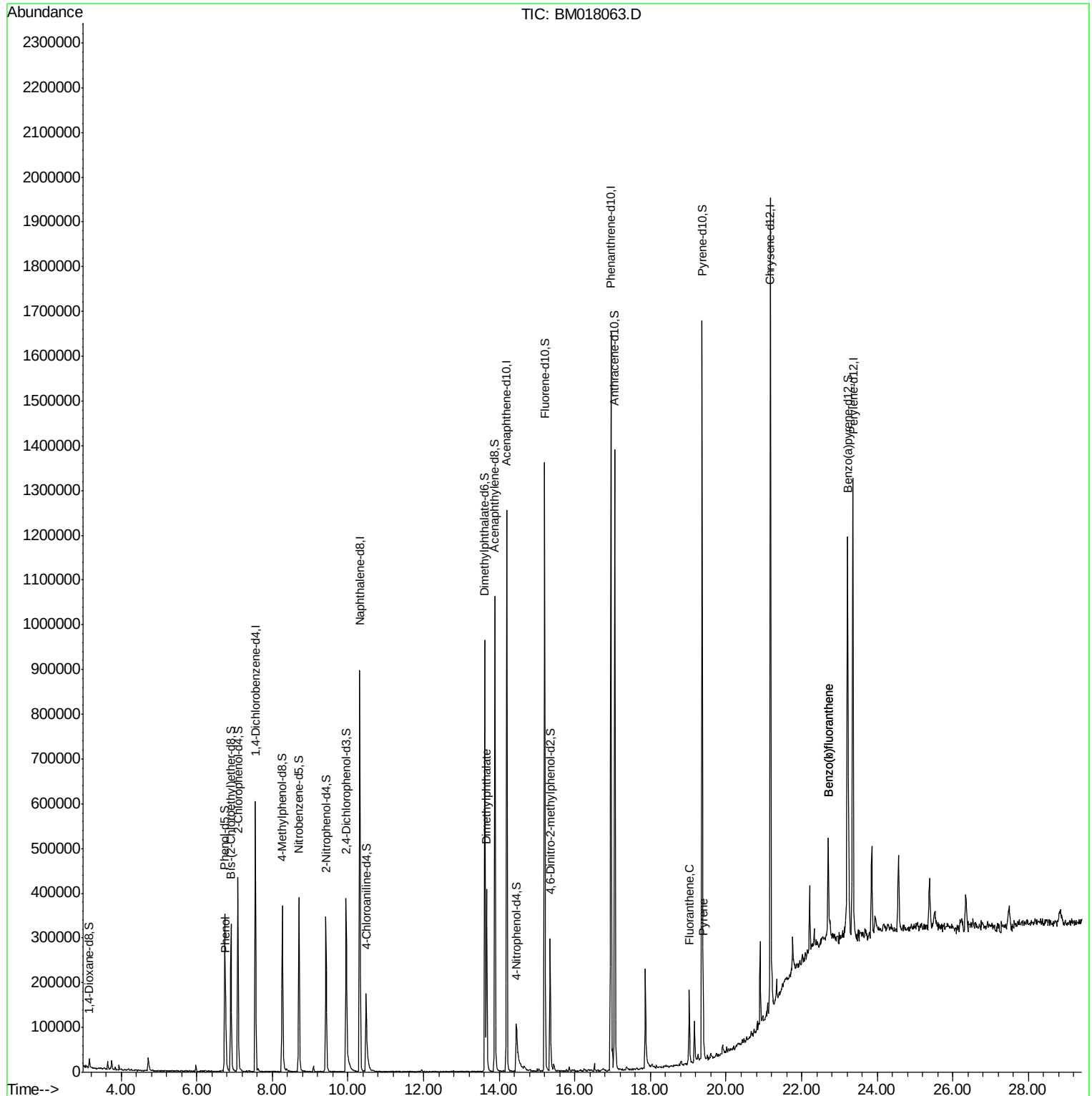
Quant Time: Dec 12 01:07:51 2018

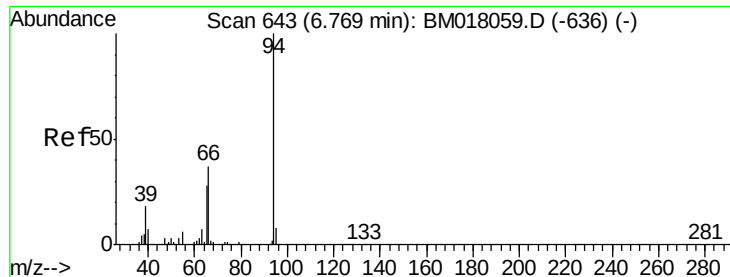
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M

Quant Title : SVOA CALIBRATION

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#6

Phenol

Concen: 3.848 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

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BNA_M

ClientSampleId :

F9M14

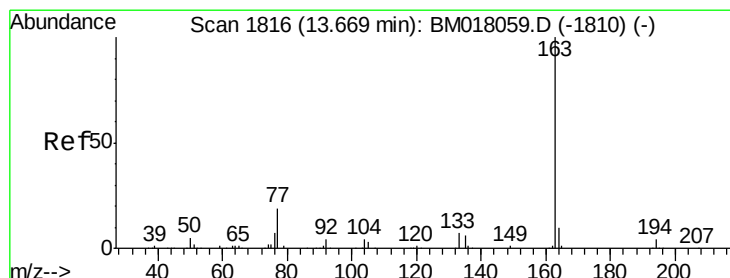
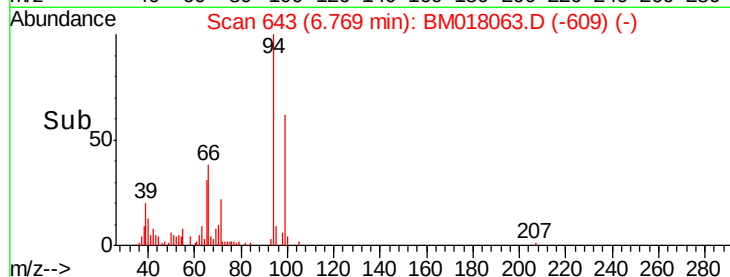
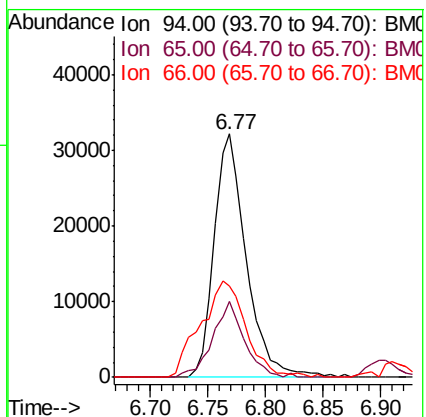
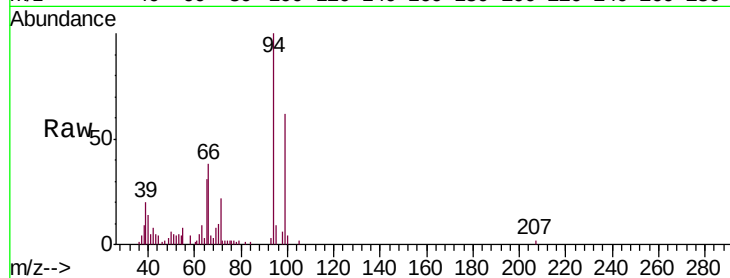
Tgt Ion: 94 Resp: 62070

Ion Ratio Lower Upper

94 100

65 31.1 24.7 37.1

66 37.7 34.6 51.8



#44

Dimethylphthalate

Concen: 7.859 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. -0.00 min

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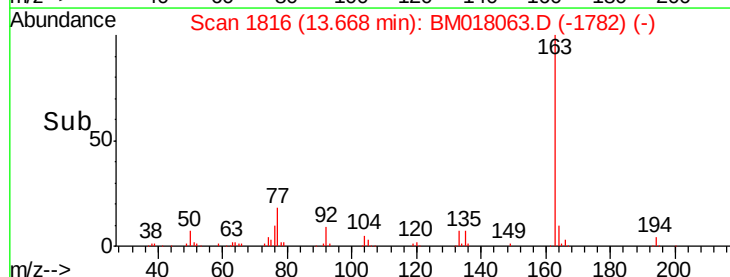
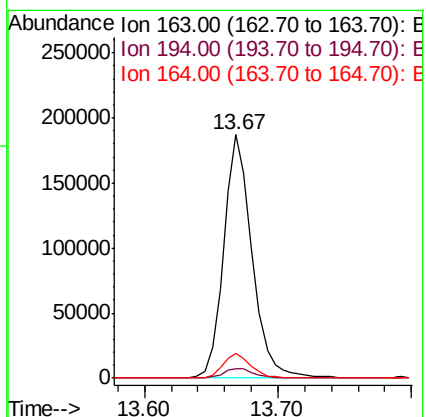
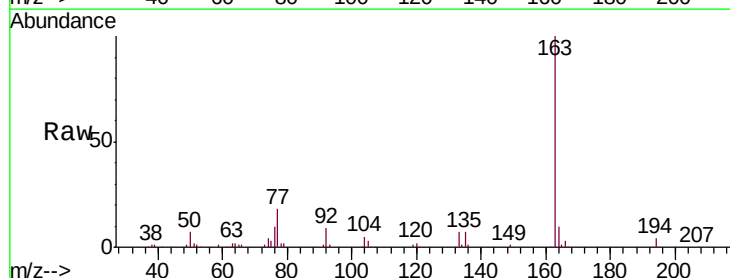
Tgt Ion: 163 Resp: 279127

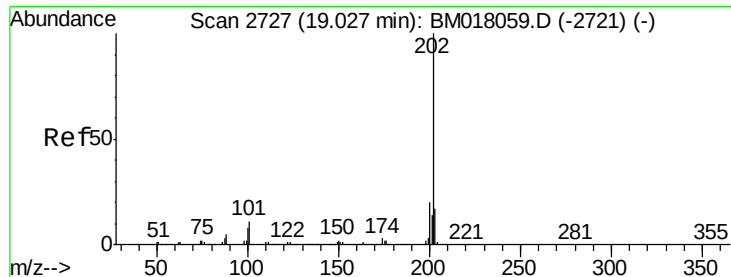
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.4 8.1 12.1





#76

Fluoranthene

Concen: 1.511 ng/ul

RT: 19.03 min Scan# 2728

Delta R.T. 0.01 min

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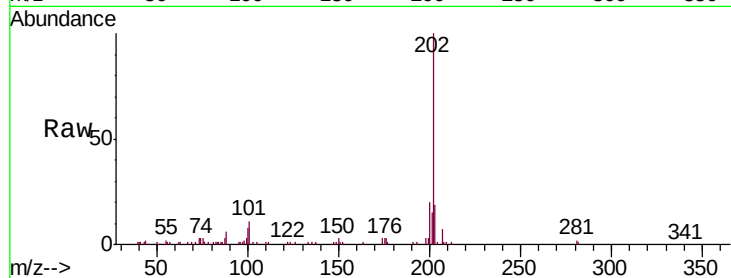
Instrument :

BNA_M

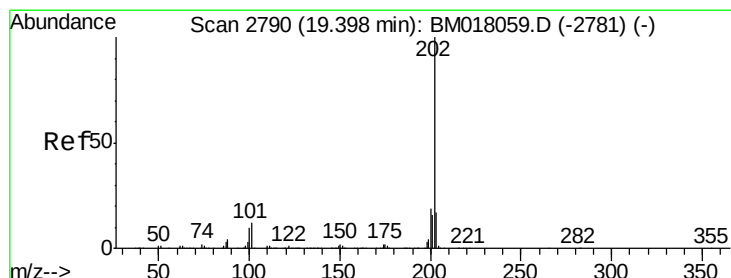
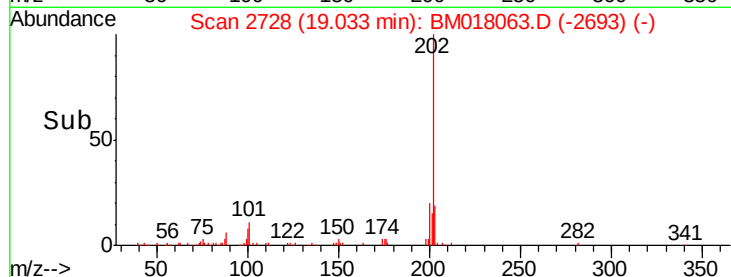
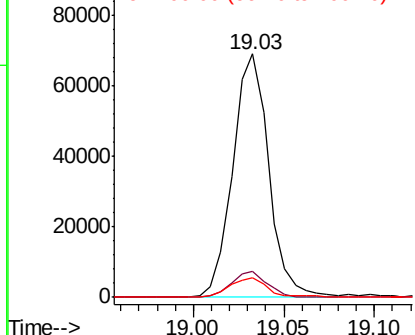
ClientSampleId :

F9M14

Tgt Ion:	202	Resp:	95440
Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.4	12.6
100	8.1	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



#79

Pyrene

Concen: 1.508 ng/ul

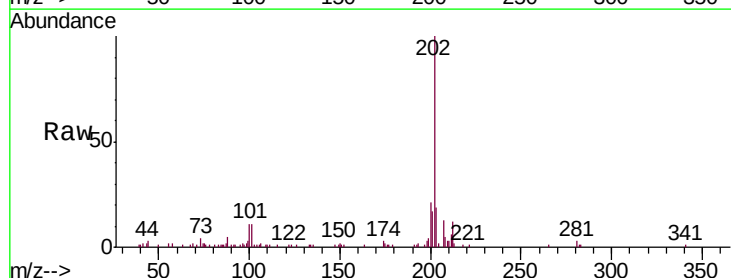
RT: 19.40 min Scan# 2790

Delta R.T. -0.00 min

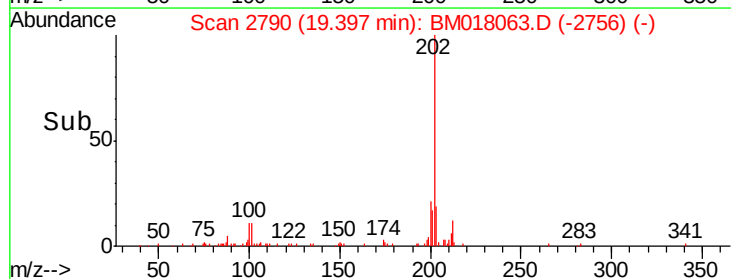
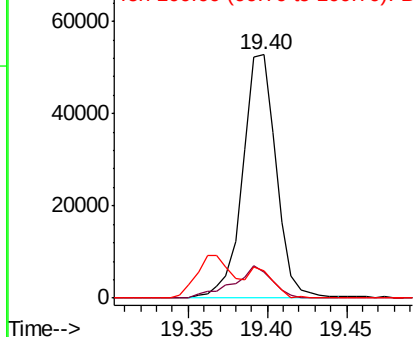
Lab File: BM018063.D

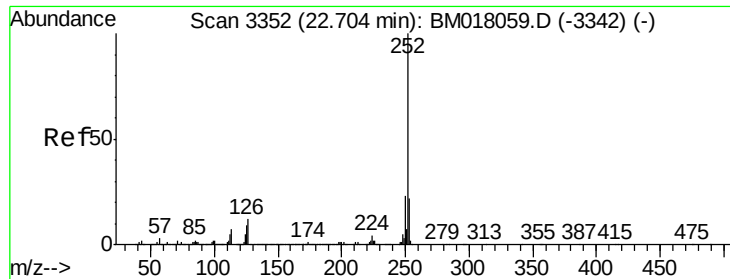
Acq: 11 Dec 2018 18:35

Tgt Ion:	202	Resp:	77779
Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.6	14.4
100	11.4	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





#87

Benzo(b)fluoranthene

Concen: 1.193 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. 0.01 min

Lab File: BM018063.D

Acq: 11 Dec 2018 18:35

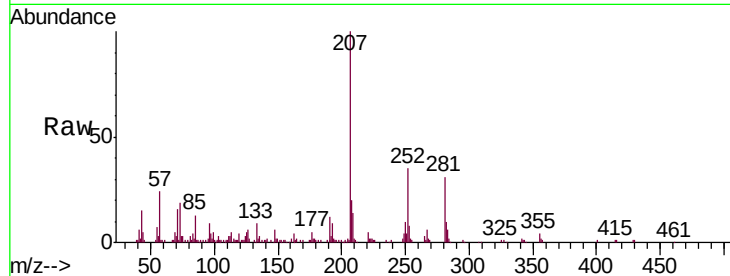
Instrument :

BNA_M

ClientSampleId :

F9M14

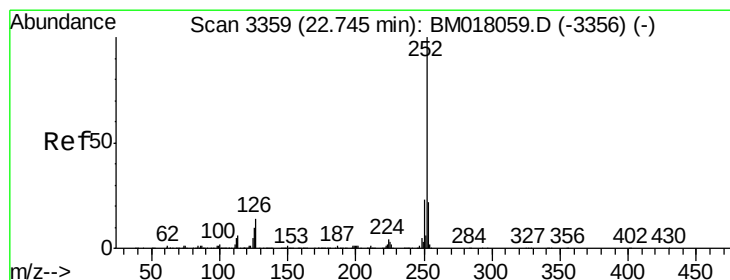
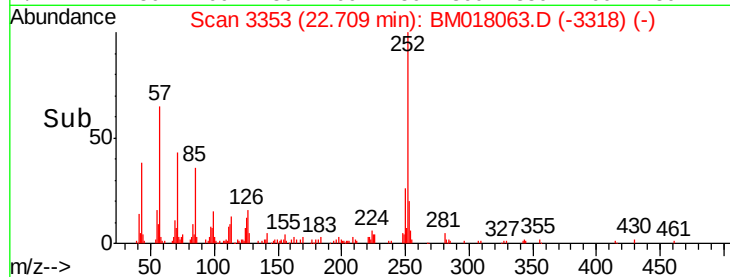
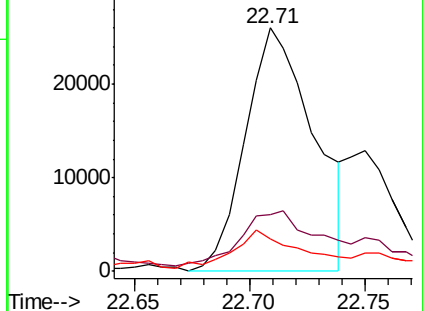
Tgt Ion:	252	Resp:	53538
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.4
125	13.6	7.3	10.9#



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: 1.228 ng/ul

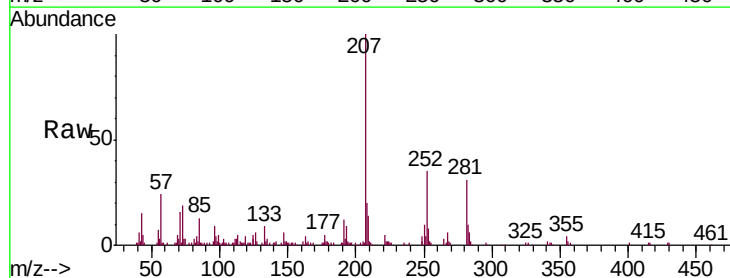
RT: 22.71 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BM018063.D

Acq: 11 Dec 2018 18:35

Tgt Ion:	252	Resp:	53538
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.0
125	13.6	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

