

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019699.D
 Acq On : 02 Apr 2019 19:49
 Operator : JU/SJ
 Sample : K2148-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5F8

Quant Time: Apr 03 07:16:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 03 01:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	157612	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	716495	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	435467	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	973523	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1068967	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1115551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	22088	5.49	ng/uL	0.00
5) Phenol-d5	6.76	99	203298	14.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	159038	16.93	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	177257	16.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	168872	16.03	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	91799	17.96	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	109193	19.20	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	174735	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	226898	17.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	701578	19.97	ng/ul	-0.01
47) Acenaphthylene-d8	13.93	160	794309	18.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	68825	12.50	ng/ul	0.01
58) Fluorene-d10	15.23	176	581717	19.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	92752	14.41	ng/ul	0.00
71) Anthracene-d10	17.09	188	898817	19.24	ng/ul	0.00
79) Pyrene-d10	19.40	212	977102	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1034178	17.49	ng/ul	0.00

Target Compounds

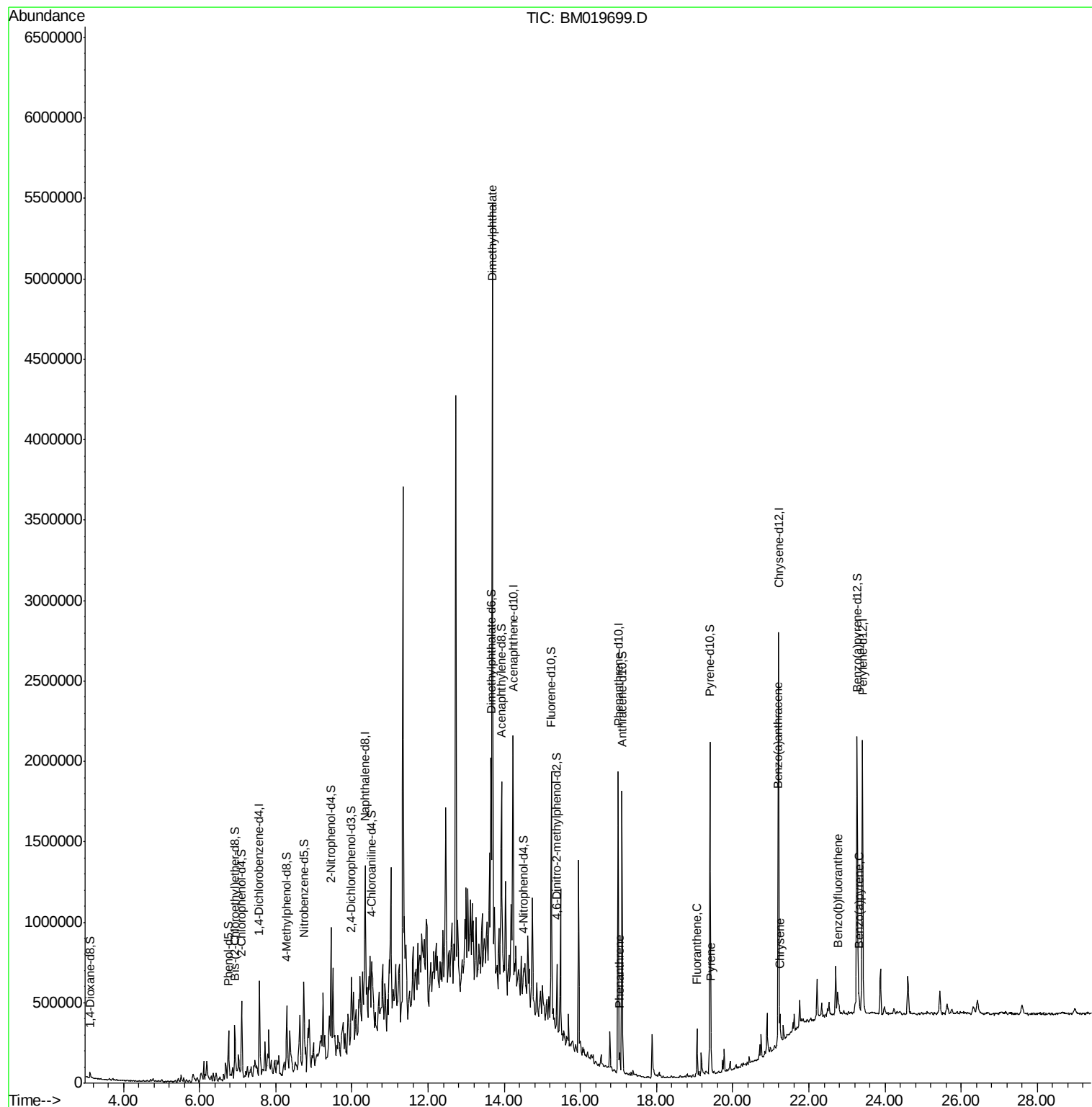
					Qvalue
45) Dimethylphthalate	13.70	163	143815	4.079 ng/ul	99
70) Phenanthrene	17.03	178	63545	1.151 ng/ul	99
77) Fluoranthene	19.06	202	153920	2.434 ng/ul#	86
80) Pyrene	19.43	202	144909	2.253 ng/ul#	83
83) Benzo(a)anthracene	21.19	228	77424	1.203 ng/ul	99
85) Chrysene	21.24	228	79865	1.294 ng/ul	99
88) Benzo(b)fluoranthene	22.75	252	102887	1.514 ng/ul#	90
91) Benzo(a)pyrene	23.31	252	72468	1.116 ng/ul#	92

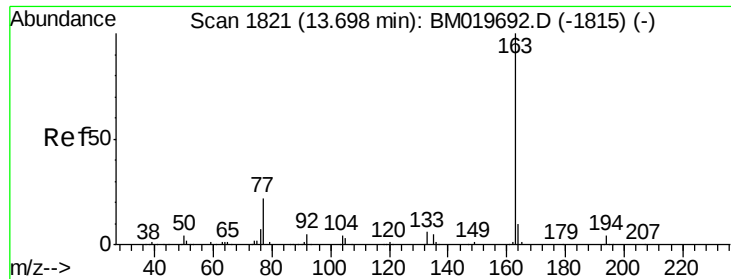
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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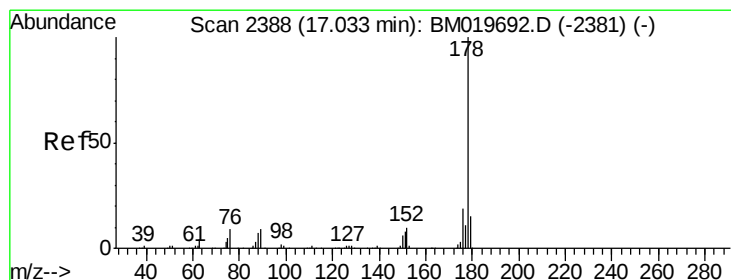
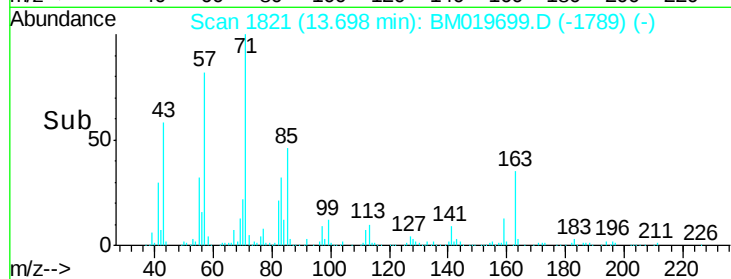
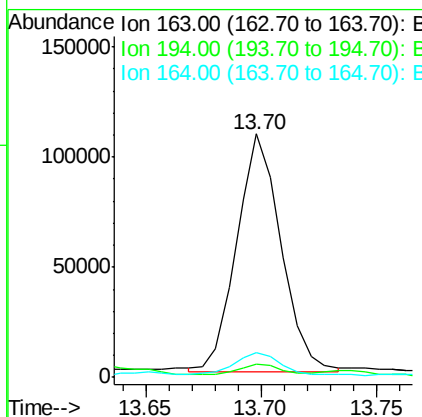
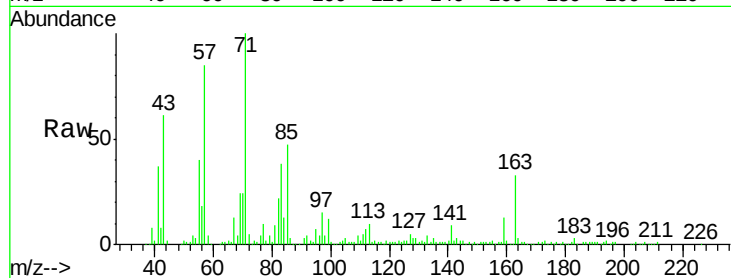




#45
 Dimethylphthalate
 Concen: 4.079 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BM019699.D
 Acq: 02 Apr 2019 19:49

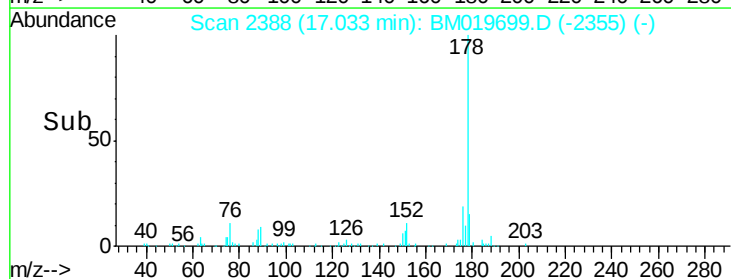
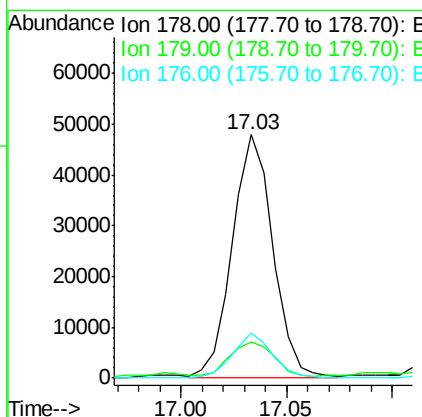
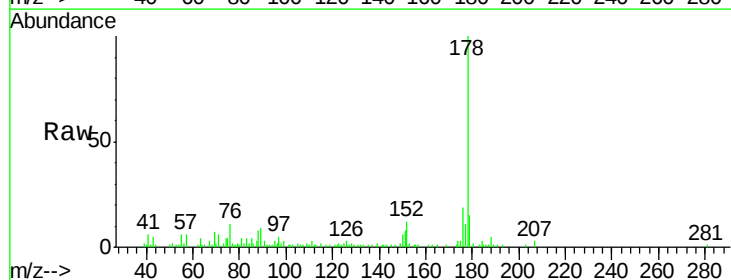
Instrument :
 BNA_M
 ClientSampled :
 BF5F8

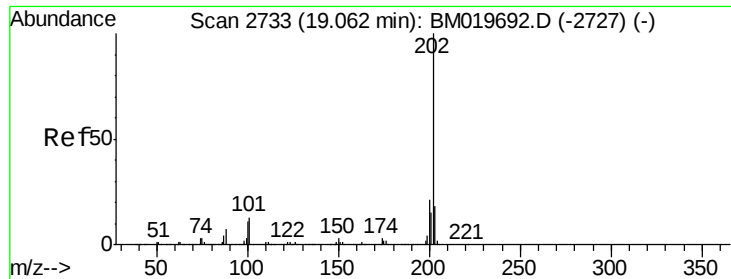
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.0	6.0
164	10.3	8.4	12.6



#70
 Phenanthrene
 Concen: 1.151 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.01 min
 Lab File: BM019699.D
 Acq: 02 Apr 2019 19:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.5	15.4	23.0





#77

Fluoranthene

Concen: 2.434 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BF5F8

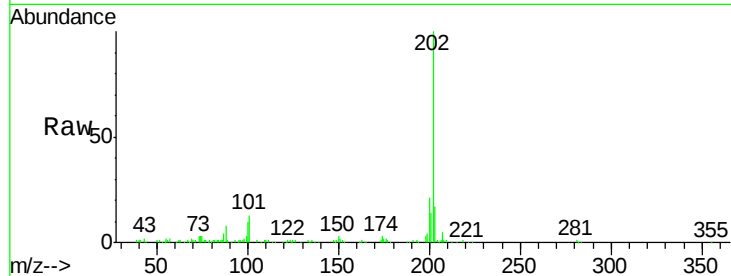
Tgt Ion:202 Resp: 153920

Ion Ratio Lower Upper

202 100

101 13.0 6.1 9.1#

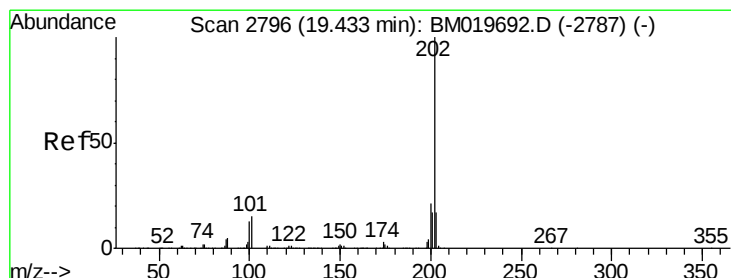
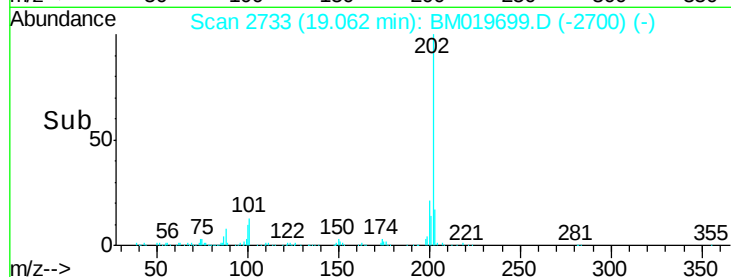
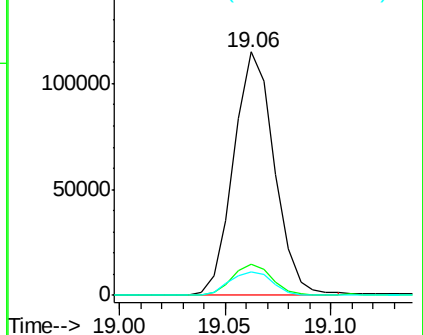
100 9.7 4.6 7.0#



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: 2.253 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

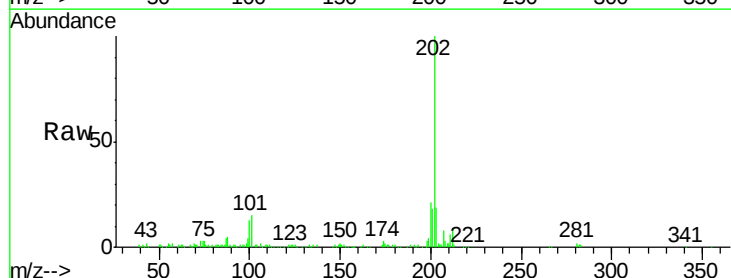
Tgt Ion:202 Resp: 144909

Ion Ratio Lower Upper

202 100

101 14.7 6.9 10.3#

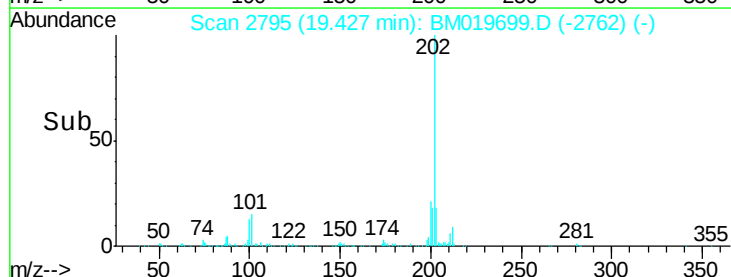
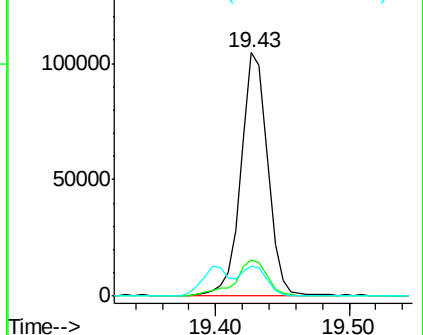
100 12.5 5.6 8.4#

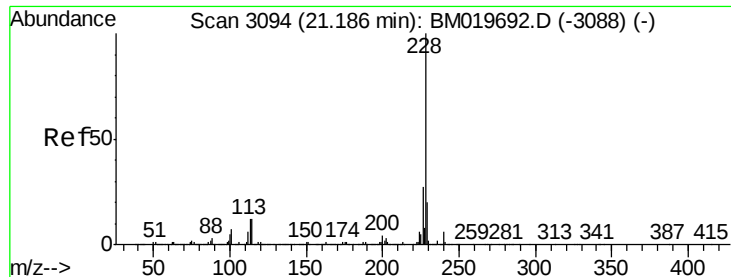


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.203 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BF5F8

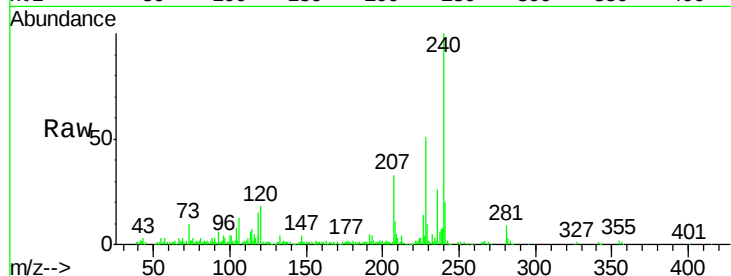
Tgt Ion:228 Resp: 77424

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

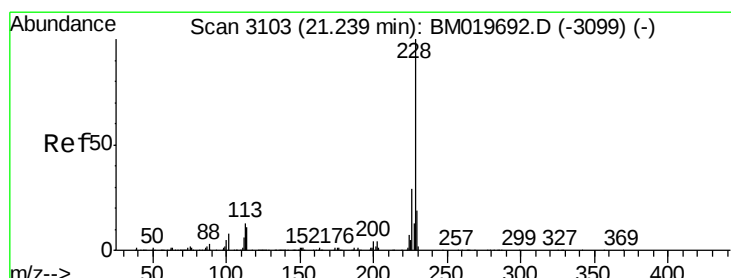
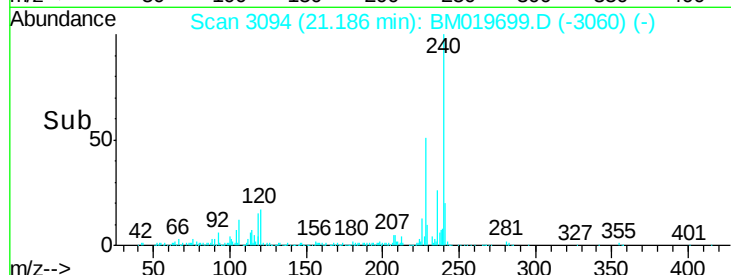
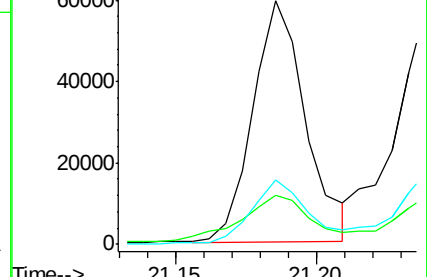
226 26.7 21.8 32.8



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



#85

Chrysene

Concen: 1.294 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

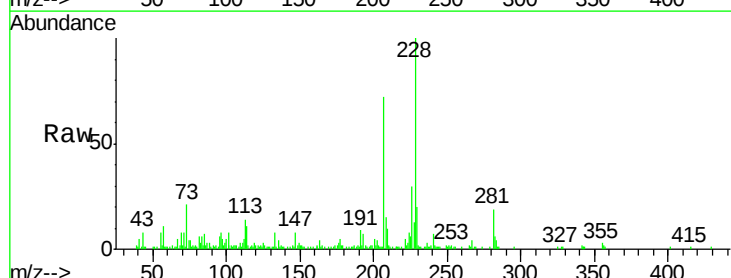
Tgt Ion:228 Resp: 79865

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

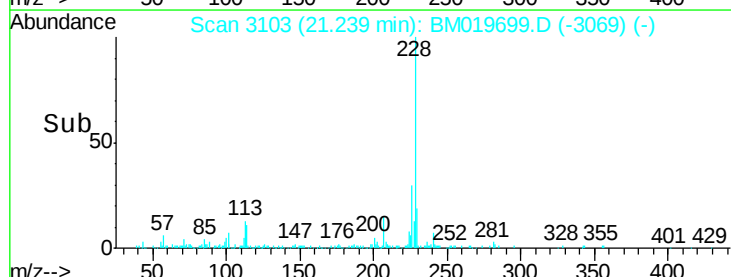
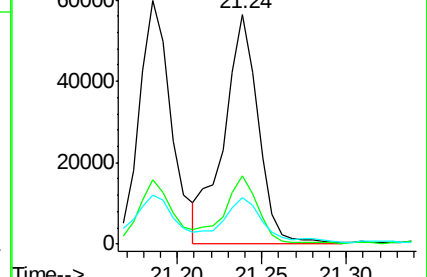
229 20.2 16.0 24.0

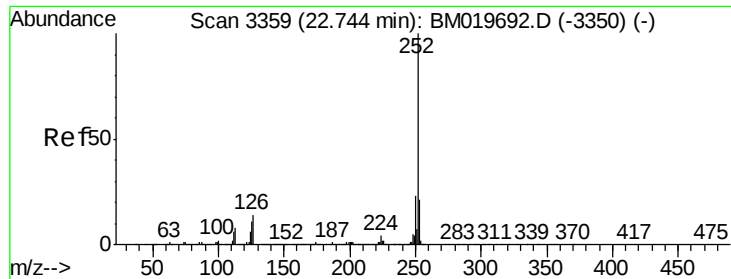


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.514 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

Instrument :

BNA_M

ClientSampleId :

BF5F8

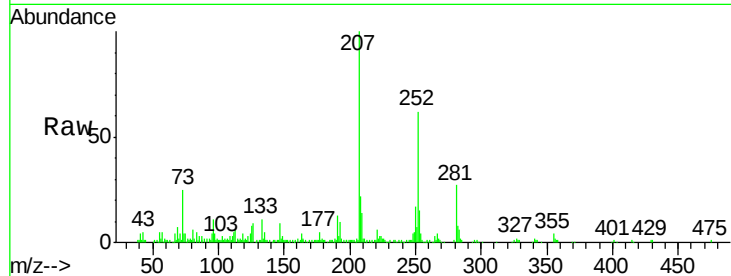
Tgt Ion:252 Resp: 102887

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.0

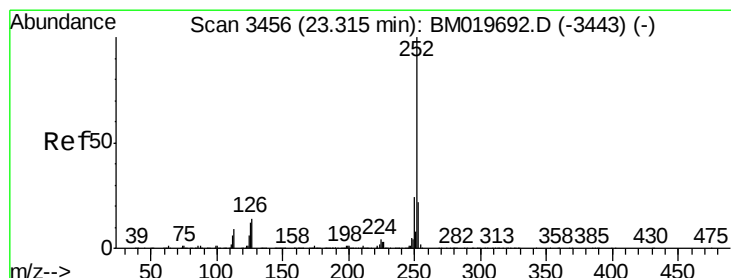
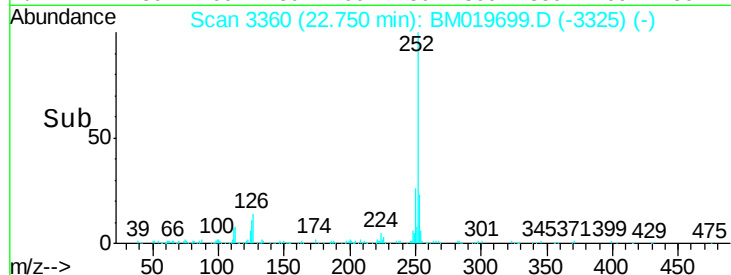
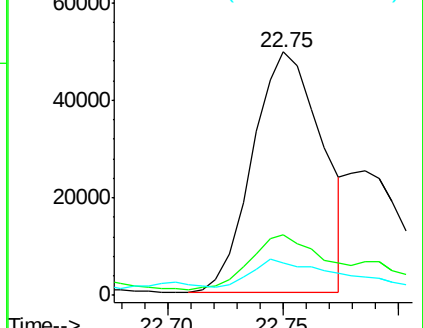
125 13.4 4.9 7.3#



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



#91

Benzo(a)pyrene

Concen: 1.116 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019699.D

Acq: 02 Apr 2019 19:49

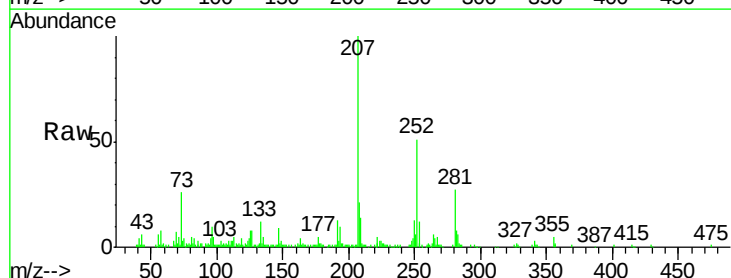
Tgt Ion:252 Resp: 72468

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 15.4 5.8 8.6#



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

