

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019791.D
 Acq On : 08 Apr 2019 12:52
 Operator : JU/SJ
 Sample : K2254-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC30

Quant Time: Apr 09 06:36:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 06:31:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	119964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	581299	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	358044	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	824142	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	910203	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	882301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	18656	6.09	ng/uL	0.00
5) Phenol-d5	6.75	99	160447	15.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	107933	15.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	133199	16.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	132263	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	61375	14.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	69700	15.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	132442	15.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	170644	16.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	511581	17.71	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	581910	16.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	30017	6.63	ng/ul	0.03
58) Fluorene-d10	15.22	176	435062	17.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	33159	6.08	ng/ul	0.00
71) Anthracene-d10	17.08	188	685440	17.33	ng/ul	0.00
79) Pyrene-d10	19.39	212	771370	18.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	685526	14.66	ng/ul	0.00

Target Compounds

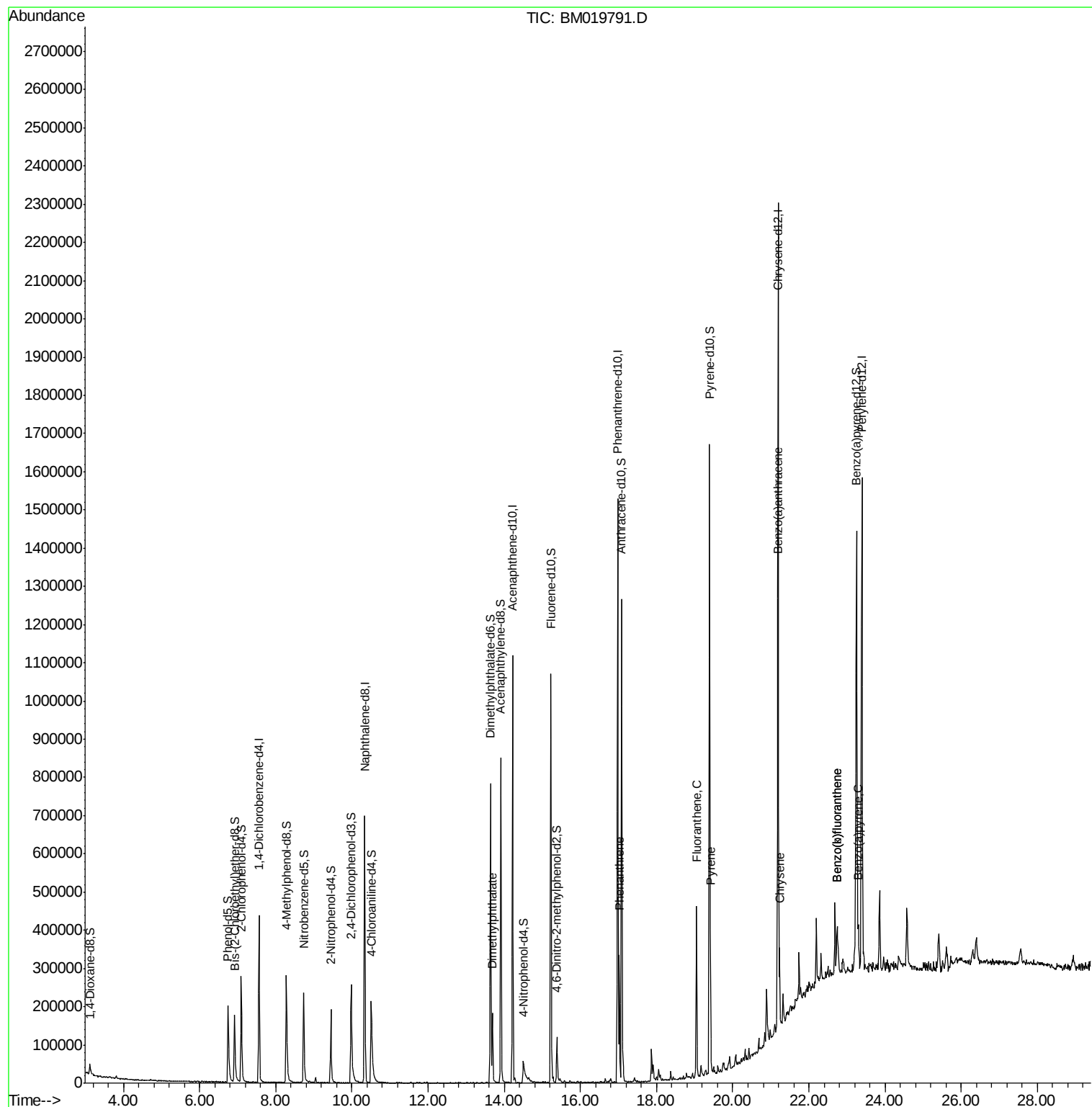
					Qvalue
45) Dimethylphthalate	13.69	163	122363	4.221 ng/ul	99
70) Phenanthrene	17.02	178	183938	3.936 ng/ul	99
77) Fluoranthene	19.05	202	256341	4.787 ng/ul#	88
80) Pyrene	19.42	202	203299	3.713 ng/ul#	88
83) Benzo(a)anthracene	21.17	228	109251	1.994 ng/ul	99
85) Chrysene	21.23	228	94427	1.796 ng/ul	99
88) Benzo(b)fluoranthene	22.73	252	94965	1.767 ng/ul#	96
89) Benzo(k)fluoranthene	22.73	252	94965	1.840 ng/ul#	95
91) Benzo(a)pyrene	23.30	252	57799	1.125 ng/ul#	95

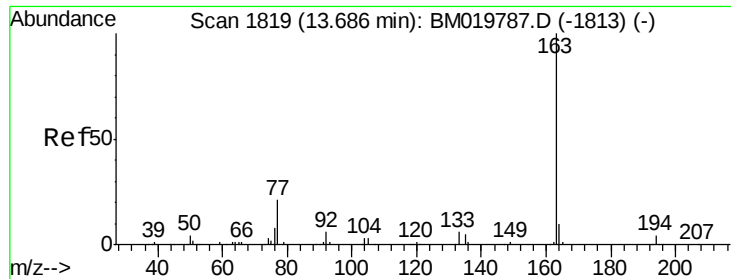
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.221 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

Instrument :

BNA_M

ClientSampled :

BFC30

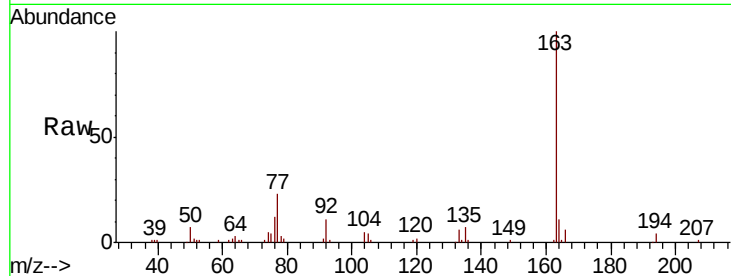
Tgt Ion:163 Resp: 122363

Ion Ratio Lower Upper

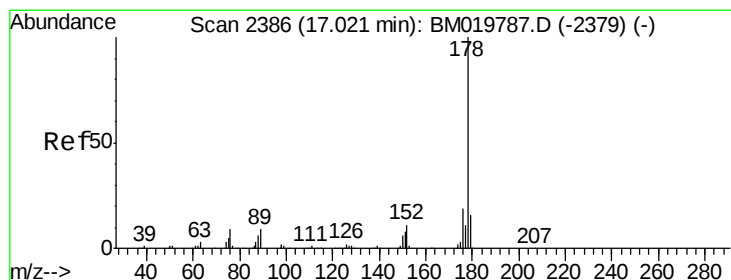
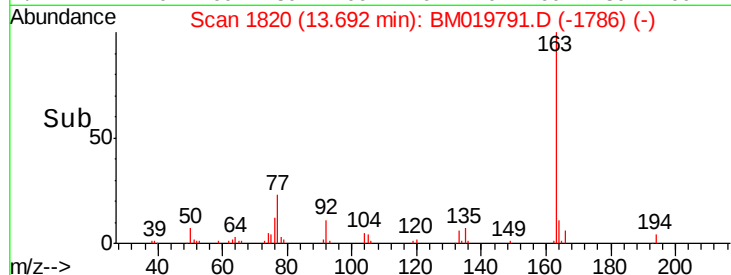
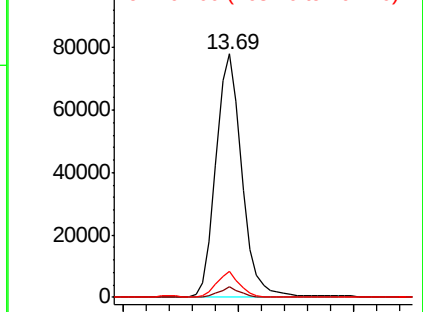
163 100

194 4.2 4.0 6.0

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 3.936 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

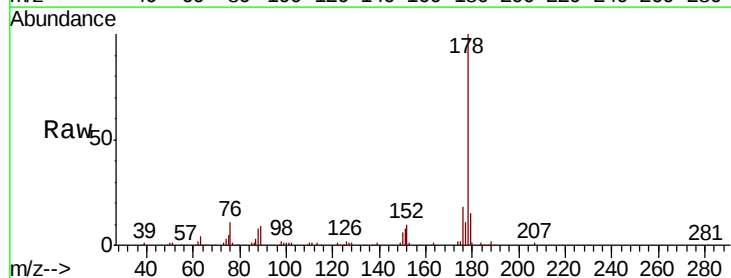
Tgt Ion:178 Resp: 183938

Ion Ratio Lower Upper

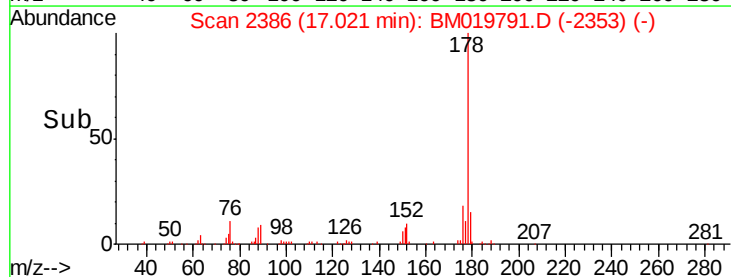
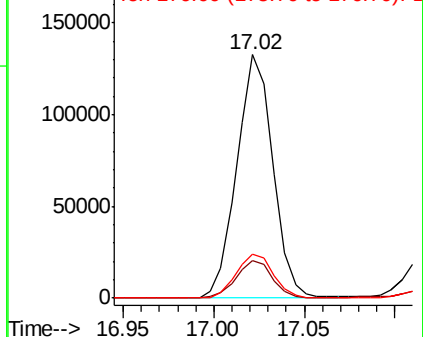
178 100

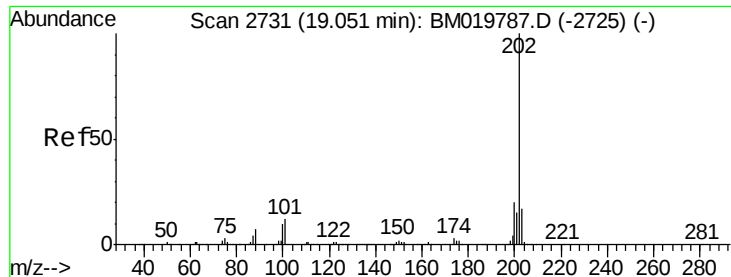
179 15.5 12.3 18.5

176 18.2 15.4 23.0



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: 4.787 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

Instrument :

BNA_M

ClientSampleId :

BFC30

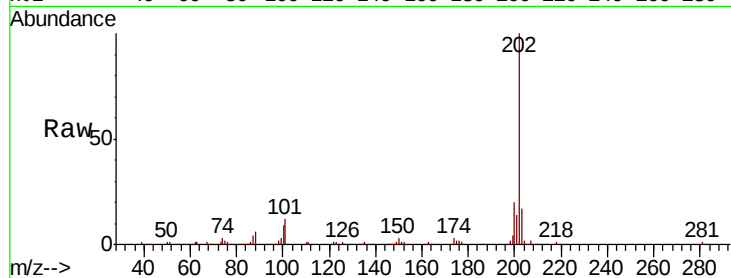
Tgt Ion:202 Resp: 256341

Ion Ratio Lower Upper

202 100

101 12.2 6.1 9.1#

100 9.3 4.6 7.0#

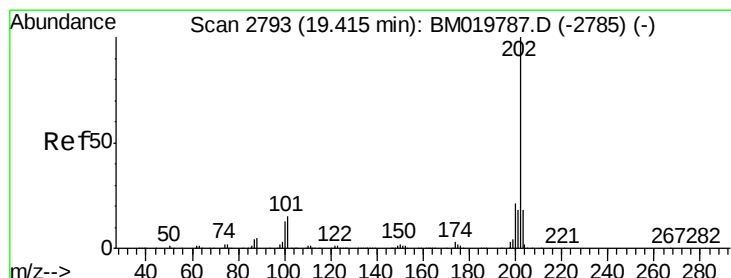
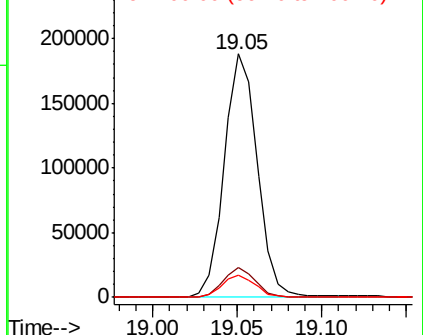
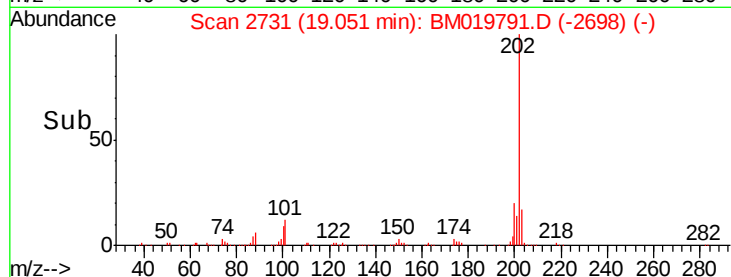


Abundance

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: 3.713 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

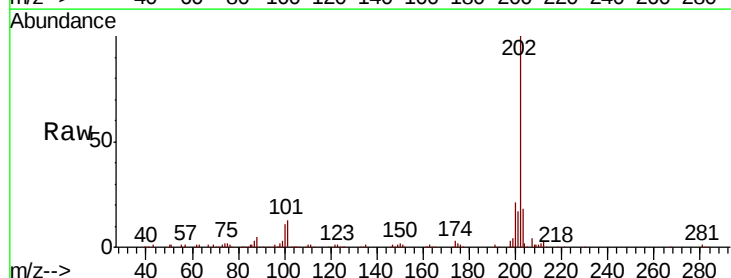
Tgt Ion:202 Resp: 203299

Ion Ratio Lower Upper

202 100

101 12.8 6.9 10.3#

100 10.9 5.6 8.4#

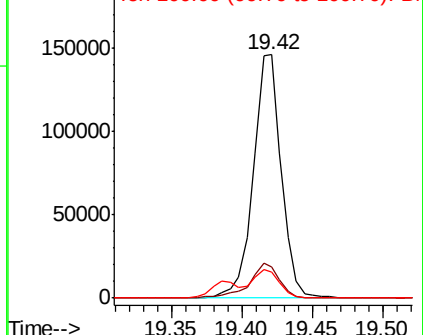
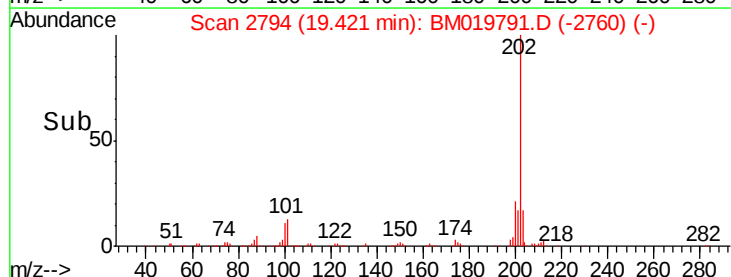


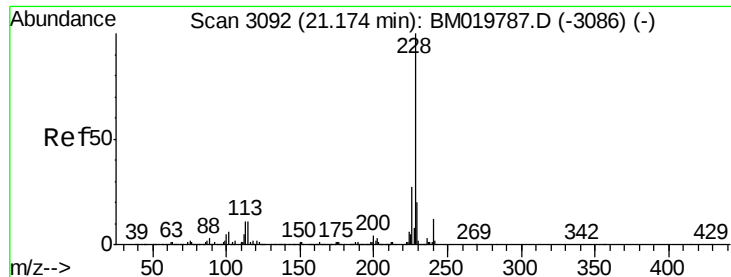
Abundance

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: 1.994 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

Instrument :

BNA_M

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BFC30

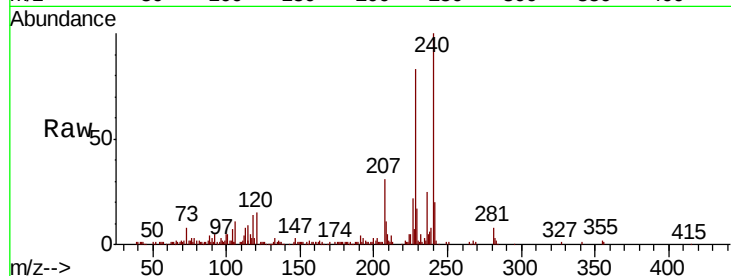
Tgt Ion:228 Resp: 109251

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

226 26.7 21.8 32.8

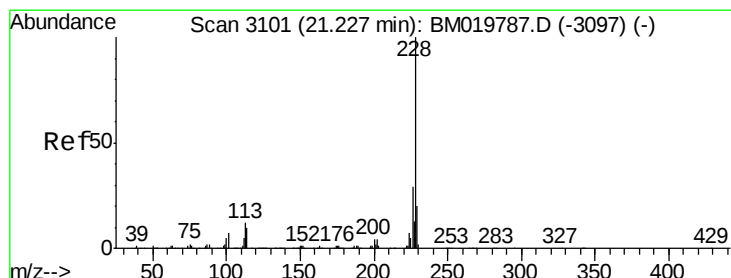
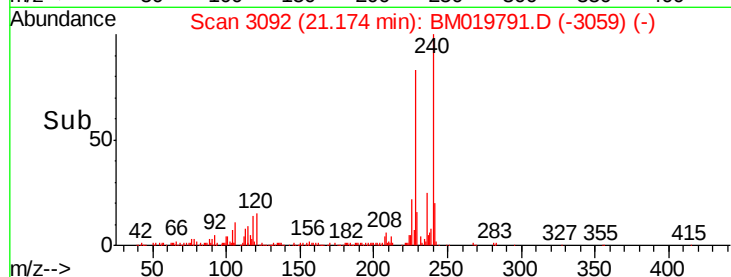
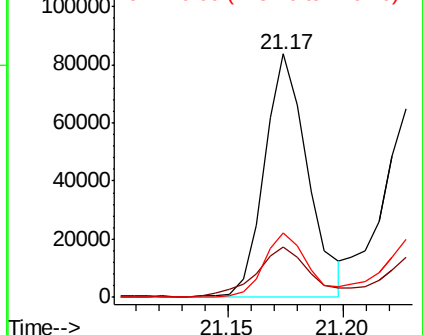


Abundance

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: 1.796 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

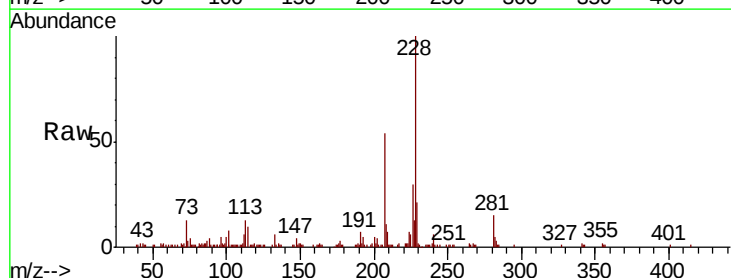
Tgt Ion:228 Resp: 94427

Ion Ratio Lower Upper

228 100

226 30.4 24.1 36.1

229 21.0 16.0 24.0

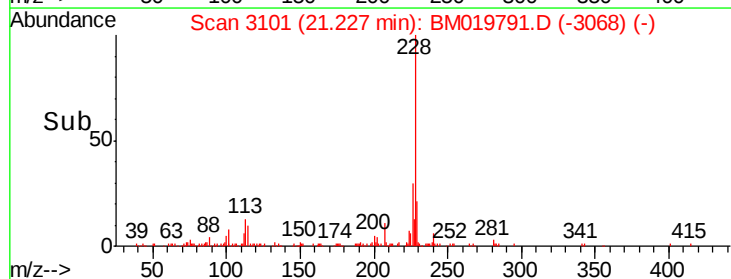
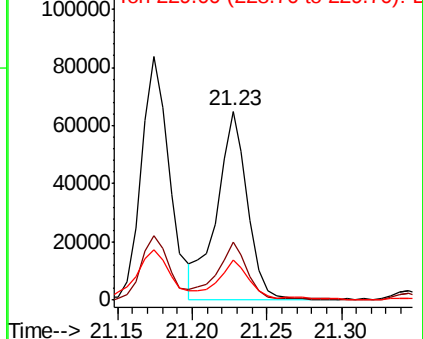


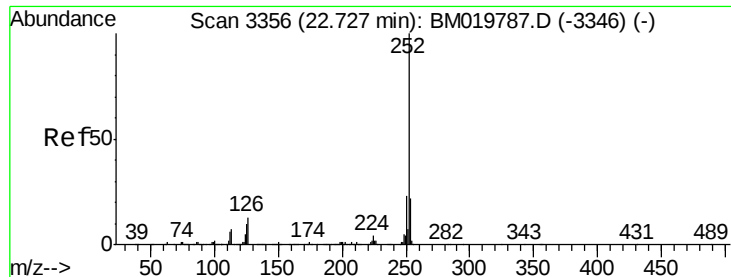
Abundance

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: 1.767 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

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ClientSampleId :

BFC30

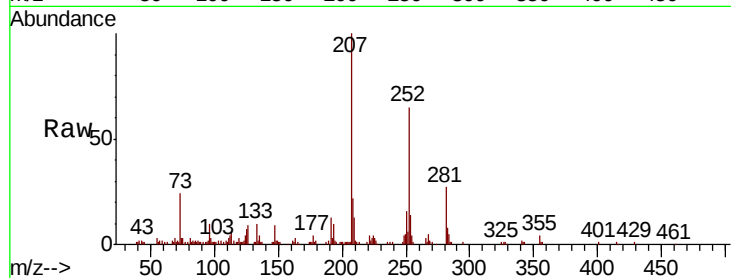
Tgt Ion:252 Resp: 94965

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

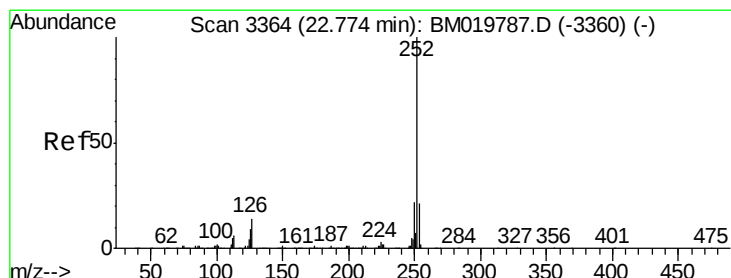
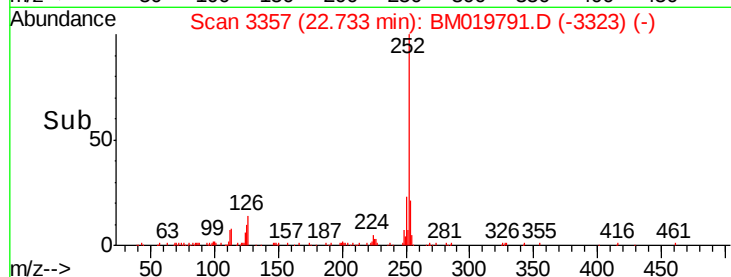
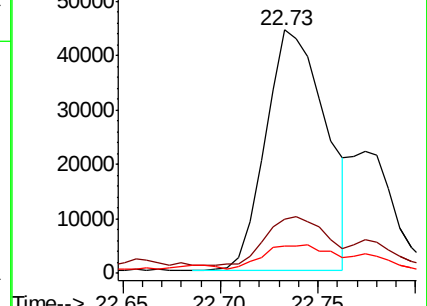
125 11.3 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 1.840 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM019791.D

Acq: 08 Apr 2019 12:52

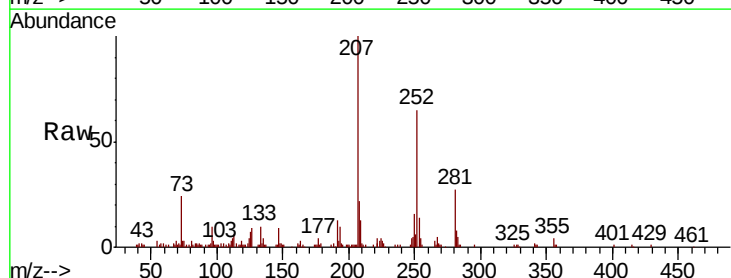
Tgt Ion:252 Resp: 94965

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

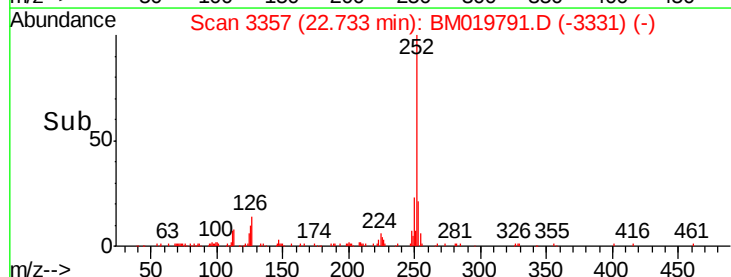
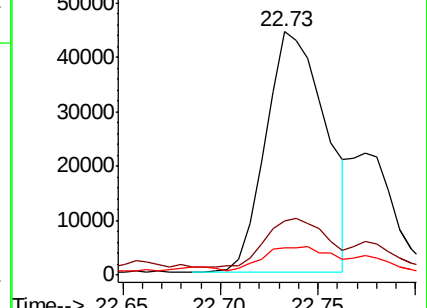
125 11.3 5.4 8.0#

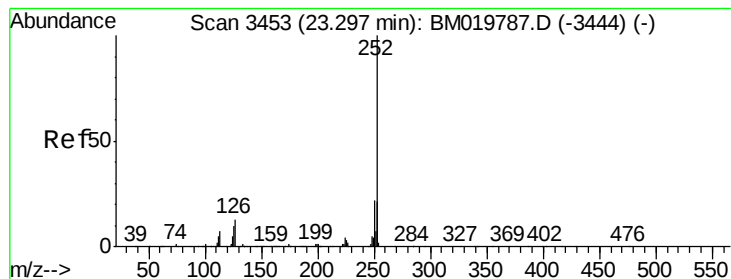


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.125 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.01 min

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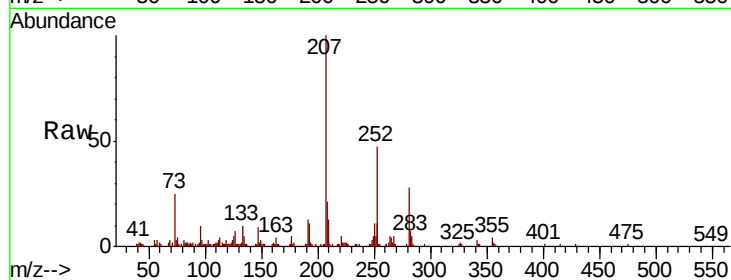
Tgt Ion:252 Resp: 57799

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 10.9 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

