

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020784.D
 Acq On : 07 Jun 2019 03:38
 Operator : HP/JU
 Sample : K3201-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 06:38:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 06:35:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	283029	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1160903	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	676781	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1513589	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1398133	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1622488	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	31921	5.38	ng/uL	0.00
5) Phenol-d5	6.97	99	611681	28.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	392653	30.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	531026	30.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	448092	25.72	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	264757	33.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	288743	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	539949	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	573088	27.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1699941	33.96	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2086376	32.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	243732	28.37	ng/ul	0.00
57) Fluorene-d10	15.44	176	1431436	33.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	175092	22.62	ng/ul	0.00
70) Anthracene-d10	17.29	188	2193113	33.17	ng/ul	0.00
78) Pyrene-d10	19.59	212	2278137	33.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2390191	32.41	ng/ul	0.00

Target Compounds

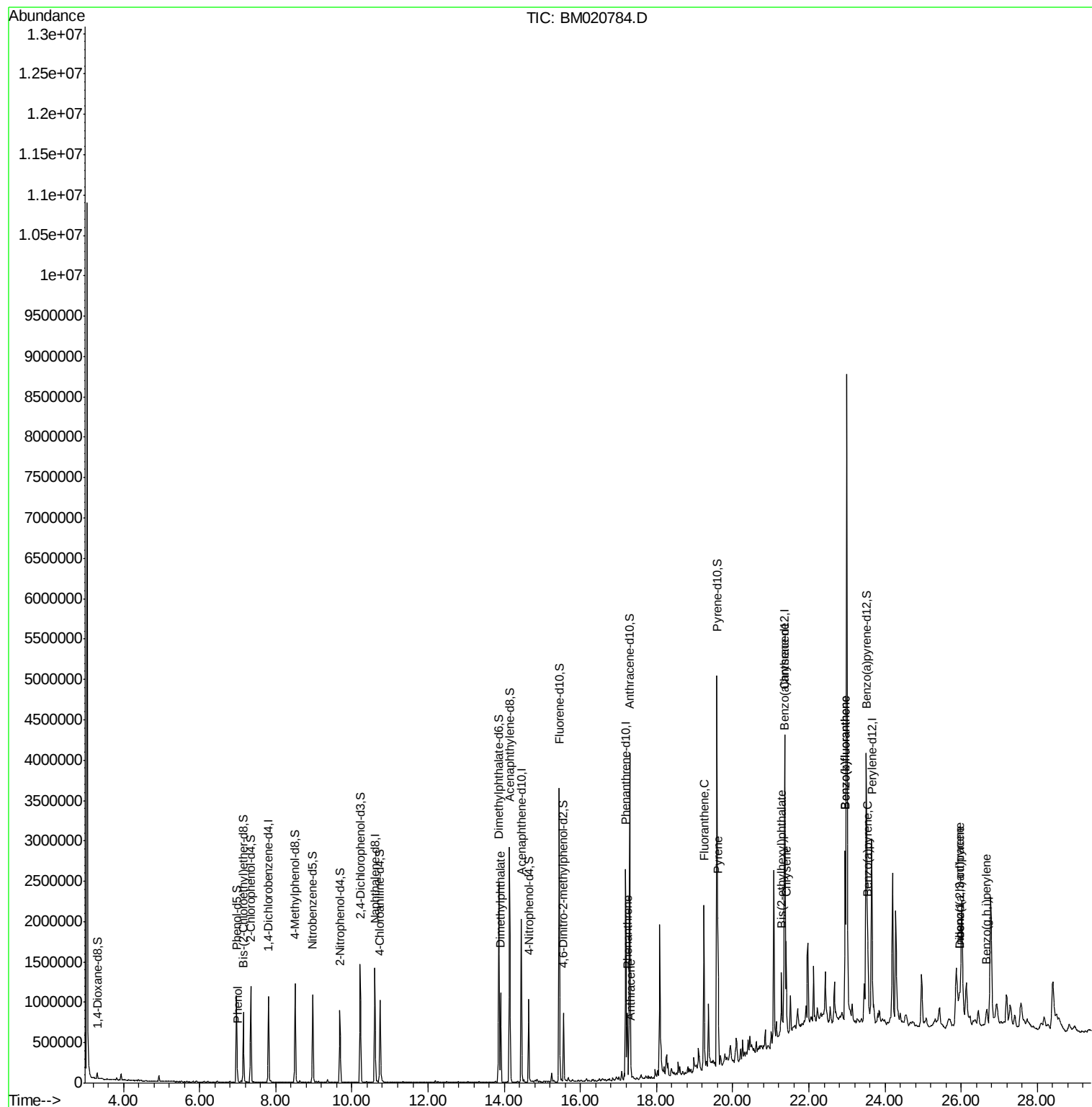
					Ovalue	
6) Phenol	7.00	94	23247	1.043	ng/ul#	91
44) Dimethylphthalate	13.91	163	730094	14.565	ng/ul	99
69) Phenanthrene	17.23	178	446229	5.858	ng/ul	100
71) Anthracene	17.33	178	92731	1.188	ng/ul	96
76) Fluoranthene	19.25	202	1148832	13.160	ng/ul	99
79) Pyrene	19.61	202	1091586	12.648	ng/ul	99
82) Benzo(a)anthracene	21.36	228	610014	6.994	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.28	149	223349	3.765	ng/ul	95
84) Chrysene	21.40	228	589999	7.290	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	758490	8.036	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	758490	8.408	ng/ul#	97
90) Benzo(a)pyrene	23.55	252	526423	5.862	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.96	276	354256	3.340	ng/ul	97
92) Dibenzo(a,h)anthracene	25.96	278	96991	1.079	ng/ul#	84
93) Benzo(g,h,i)perylene	26.67	276	277437	3.224	ng/ul	98

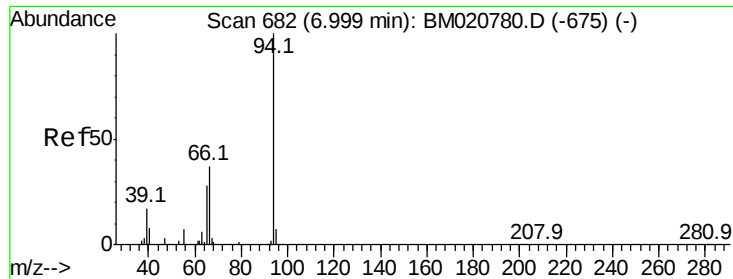
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.043 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Instrument :

BNA_M

ClientSampled :

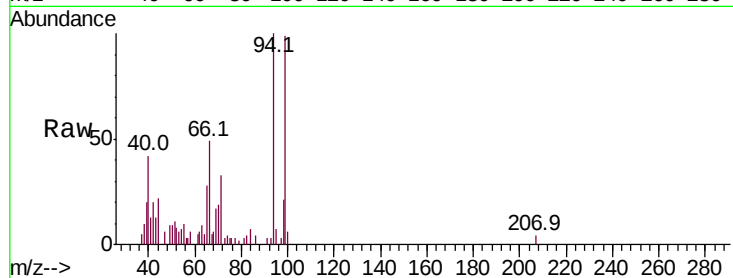
Tot Ion: 94 Resp: 23247

Ion Ratio Lower Upper

94 100

65 28.2 23.3 34.9

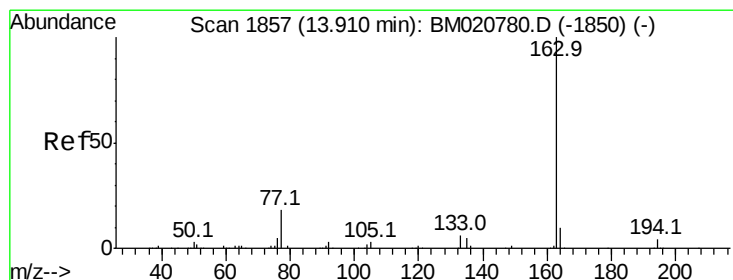
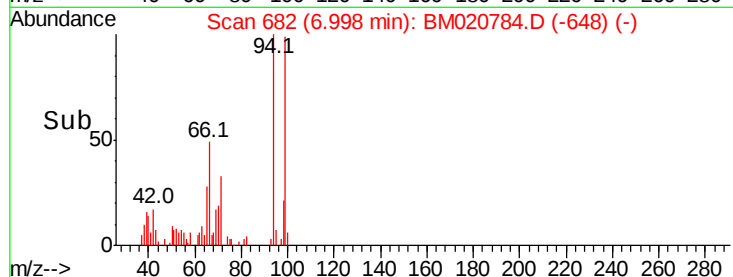
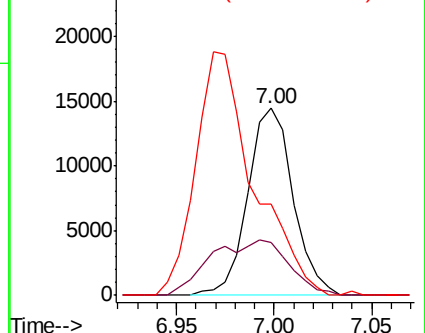
66 48.8 32.1 48.1#



Abundance Ion 94.00 (93.70 to 94.70): BM020780.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM020780.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM020780.D (-675) (-)



#44

Dimethylphthalate

Concen: 14.565 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

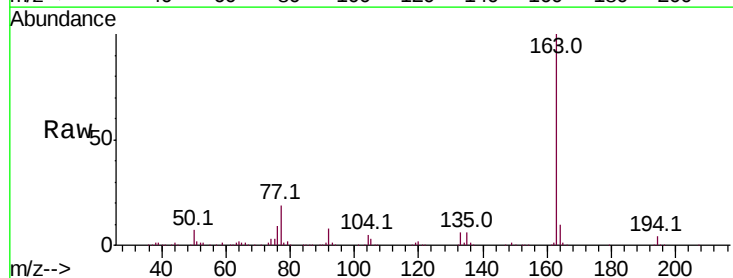
Tgt Ion:163 Resp: 730094

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

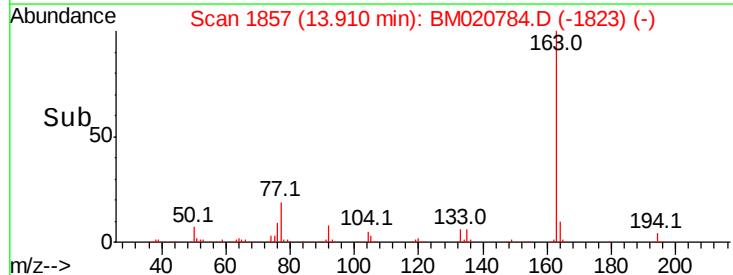
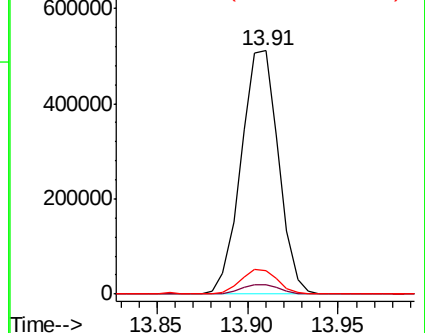
164 9.8 8.0 12.0

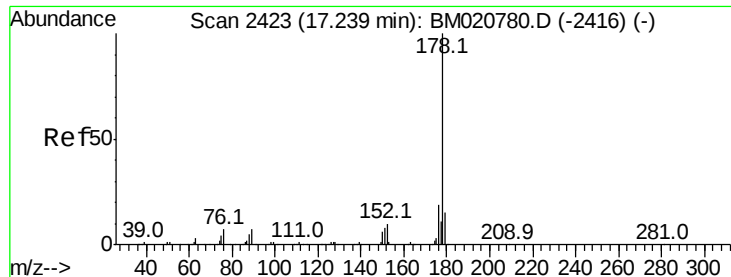


Abundance Ion 163.00 (162.70 to 163.70): BM020780.D (-1850) (-)

Ion 194.00 (193.70 to 194.70): BM020780.D (-1850) (-)

Ion 164.00 (163.70 to 164.70): BM020780.D (-1850) (-)





#69

Phenanthrene

Concen: 5.858 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

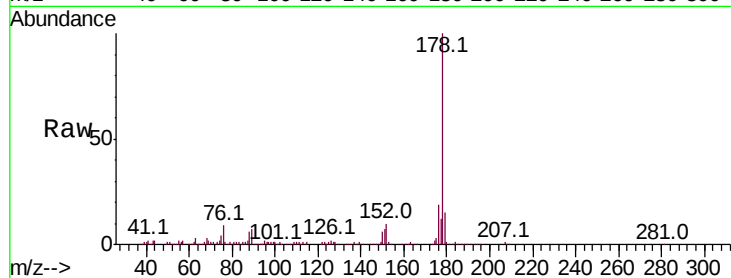
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 446229

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.7	14.8	22.2

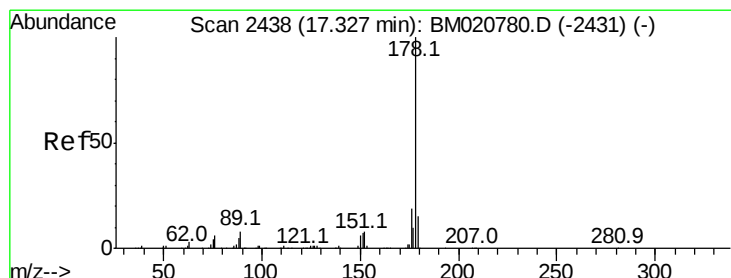
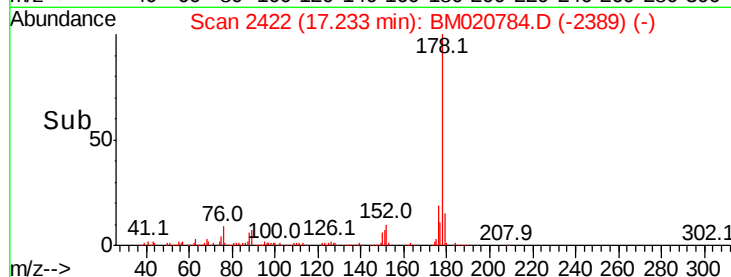
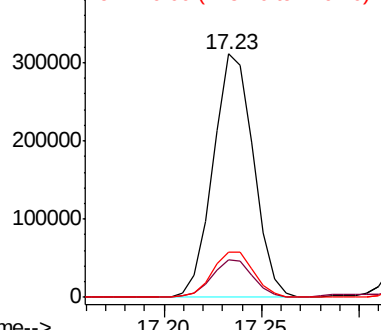


Abundance

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



#71

Anthracene

Concen: 1.188 ng/ul

RT: 17.33 min Scan# 2438

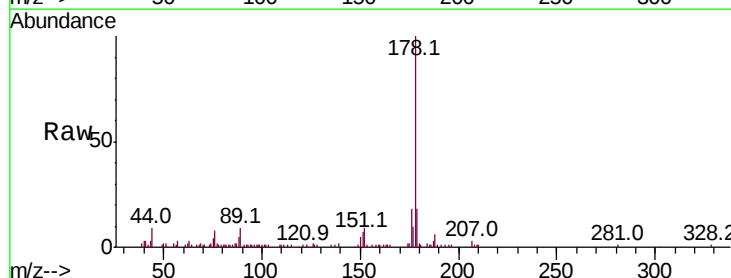
Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Tgt Ion:178 Resp: 92731

Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.1	18.1
176	17.8	14.9	22.3

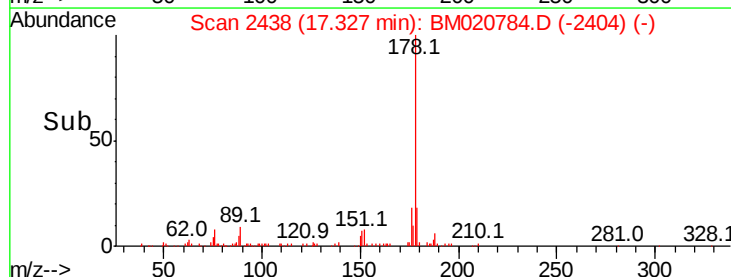
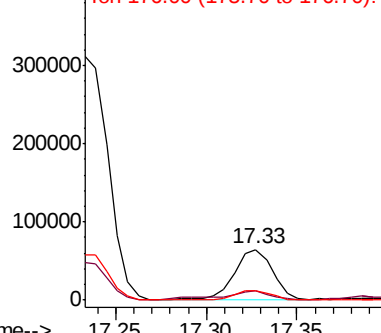


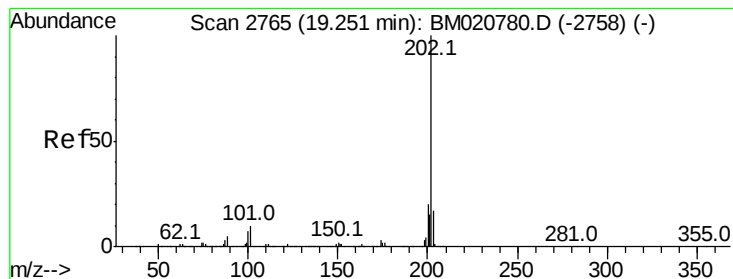
Abundance

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: 13.160 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Instrument :

BNA_M

ClientSampleId :

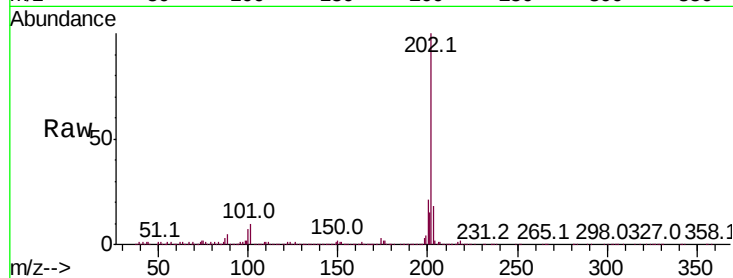
Tot Ion:202 Resp: 1148832

Ion Ratio Lower Upper

202 100

101 9.9 7.9 11.9

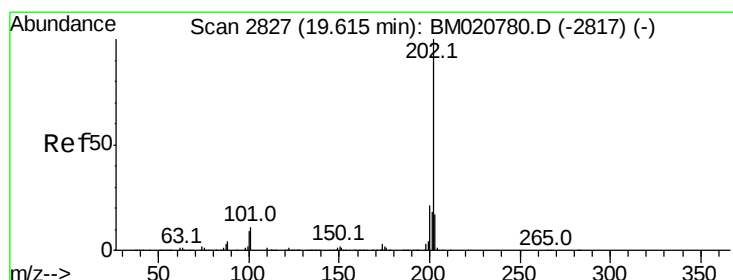
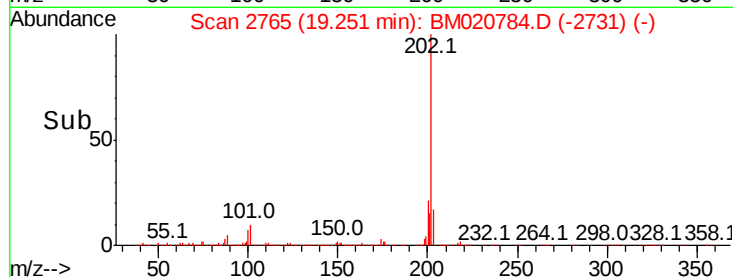
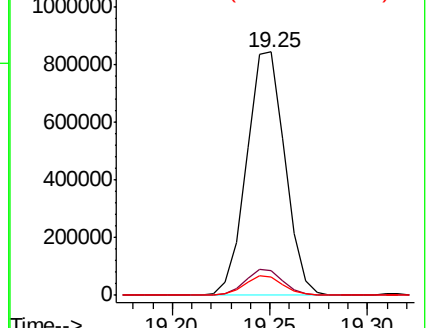
100 7.4 6.2 9.4



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



#79

Pyrene

Concen: 12.648 ng/ul

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

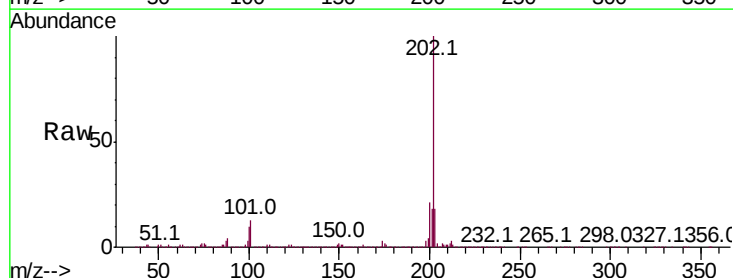
Tgt Ion:202 Resp: 1091586

Ion Ratio Lower Upper

202 100

101 12.5 9.8 14.6

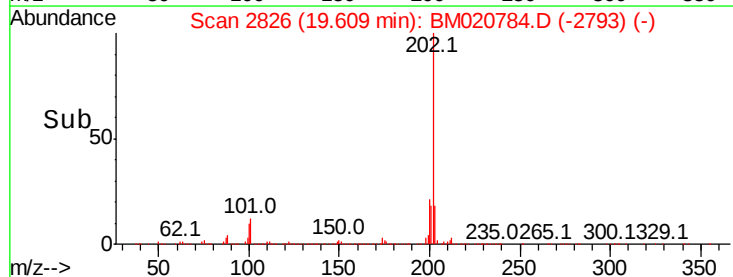
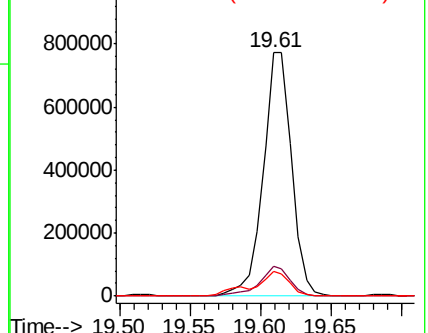
100 10.2 8.0 12.0

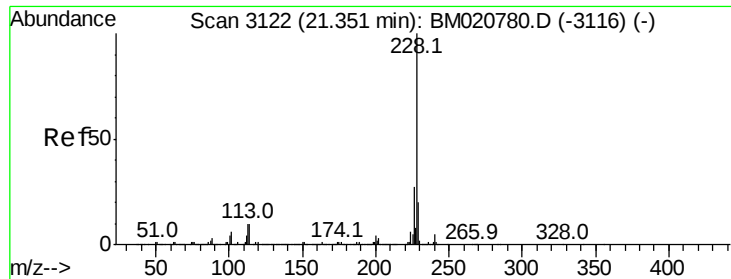


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 6.994 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Instrument :

BNA_M

ClientSampleId :

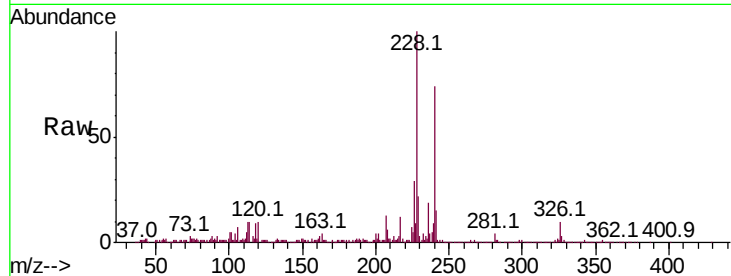
Tot Ion:228 Resp: 610014

Ion Ratio Lower Upper

228 100

229 21.5 15.6 23.4

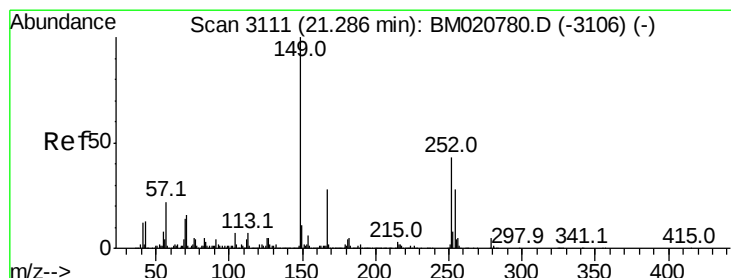
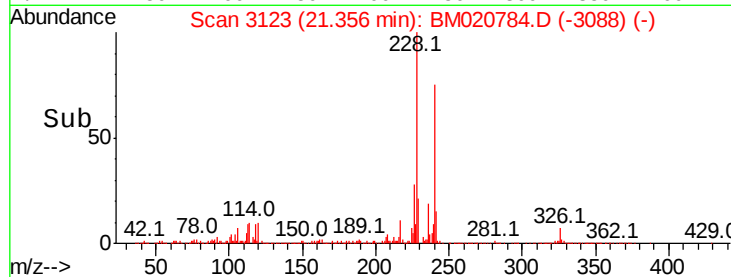
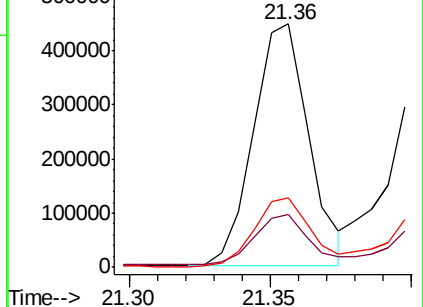
226 28.6 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.765 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

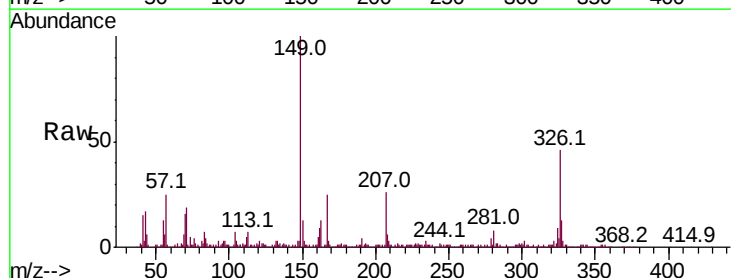
Tgt Ion:149 Resp: 223349

Ion Ratio Lower Upper

149 100

167 24.5 21.9 32.9

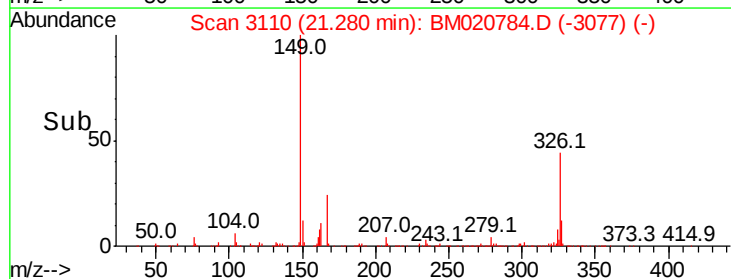
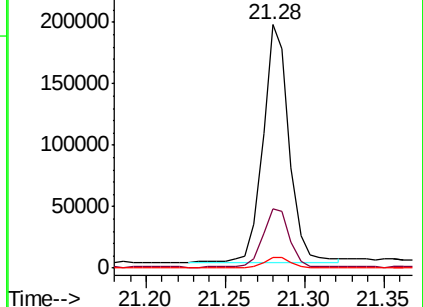
279 4.4 4.1 6.1

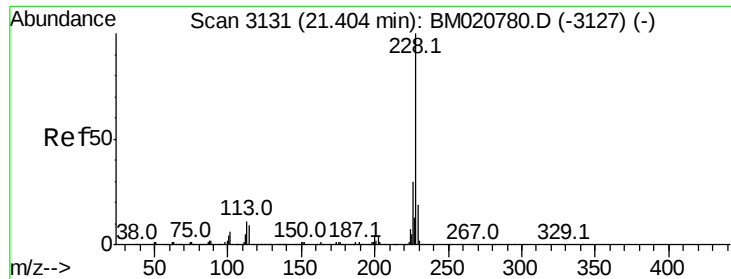


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 7.290 ng/ul

RT: 21.40 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

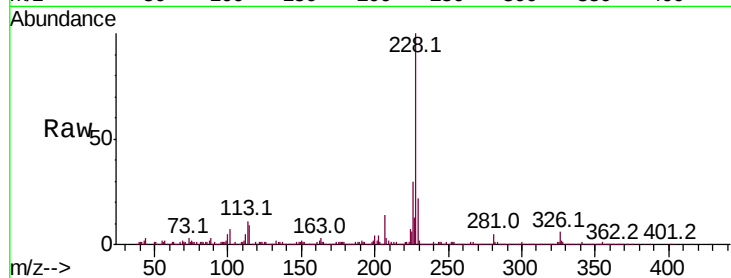
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 589999

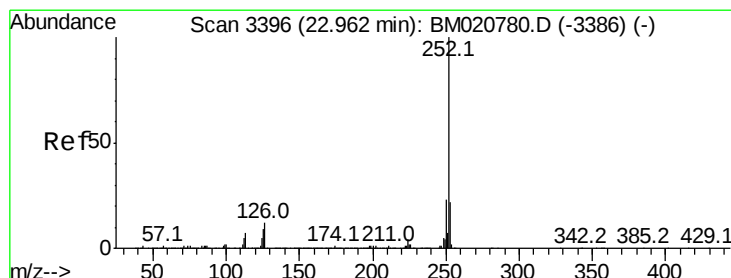
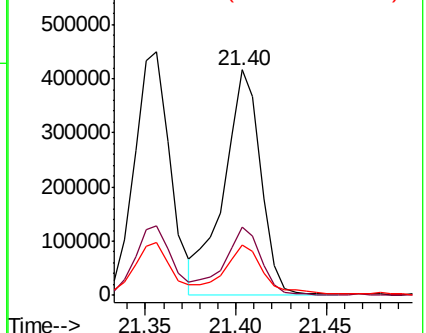
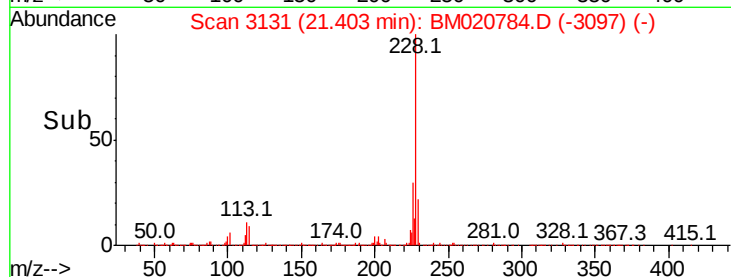
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	22.1	16.2	24.2



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: 8.036 ng/ul

RT: 22.96 min Scan# 3396

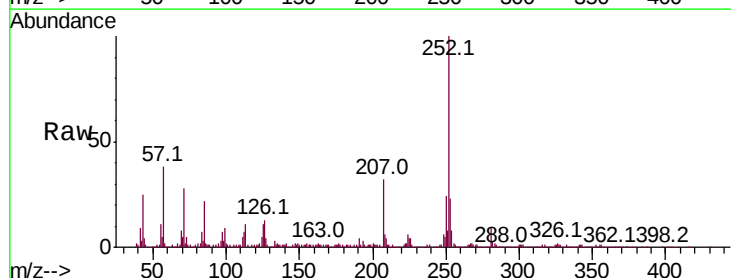
Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Tgt Ion:252 Resp: 758490

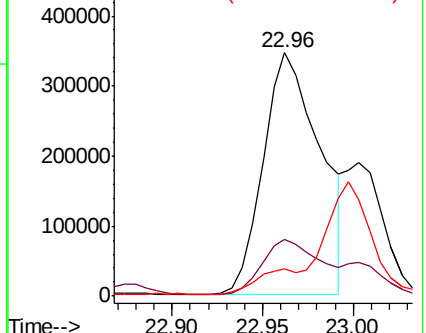
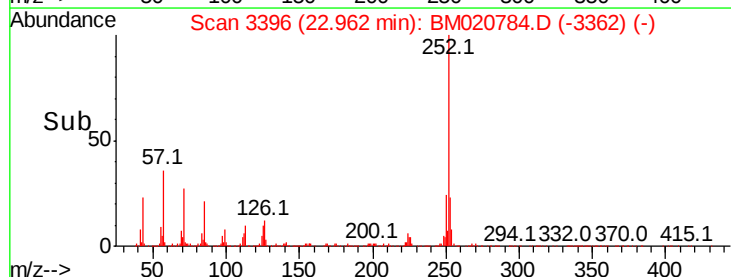
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	11.1	7.3	10.9

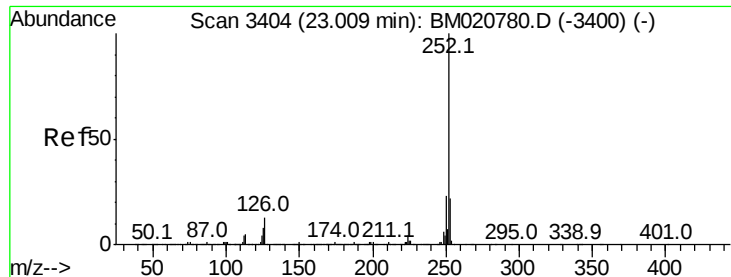


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 8.408 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.05 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Instrument :

BNA_M

ClientSampled :

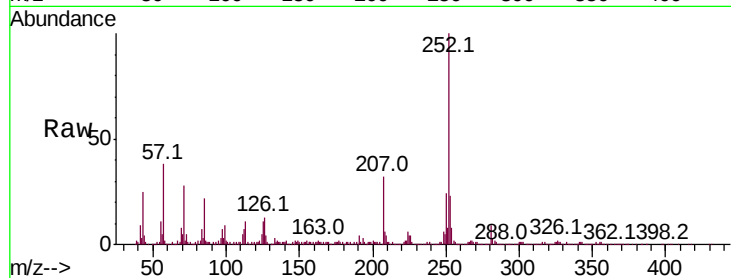
Tot Ion:252 Resp: 758490

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

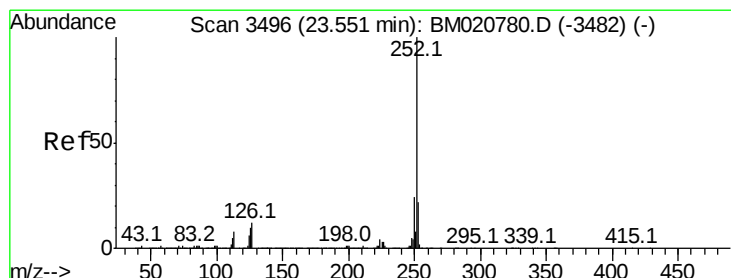
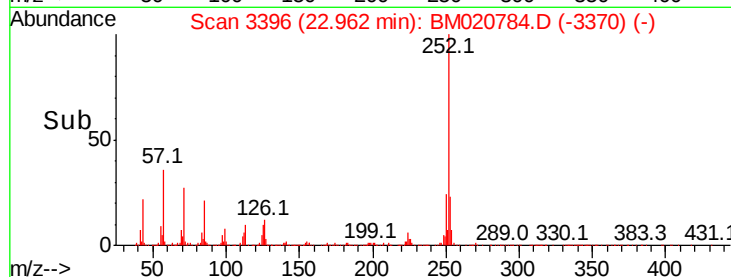
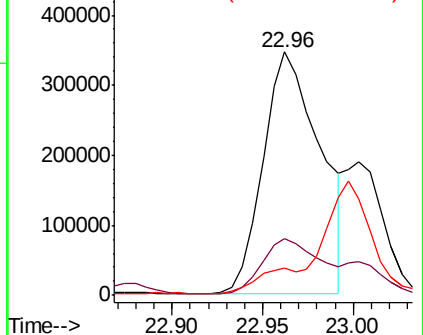
125 11.1 7.3 10.9#



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



#90

Benzo(a)pyrene

Concen: 5.862 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.00 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

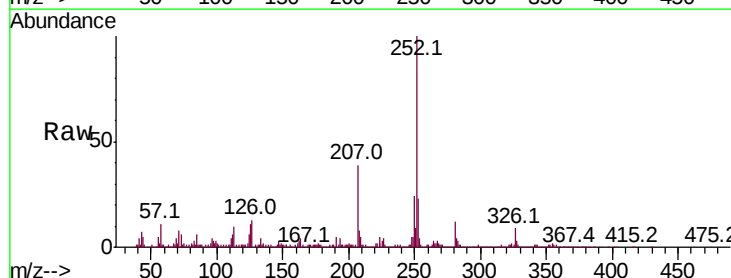
Tgt Ion:252 Resp: 526423

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

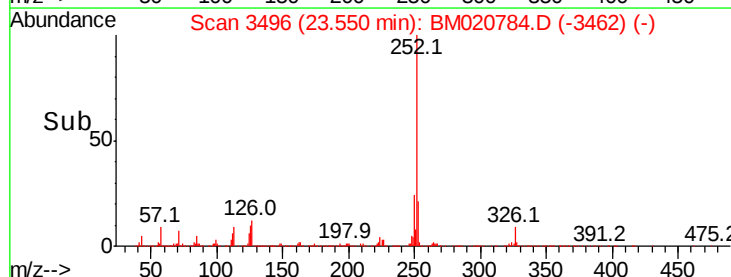
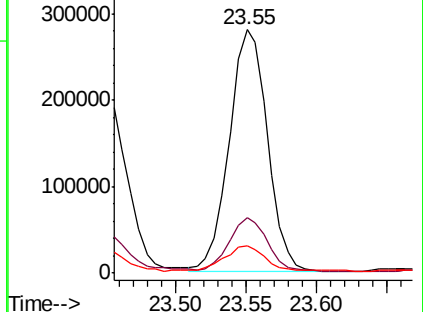
125 11.0 8.2 12.4

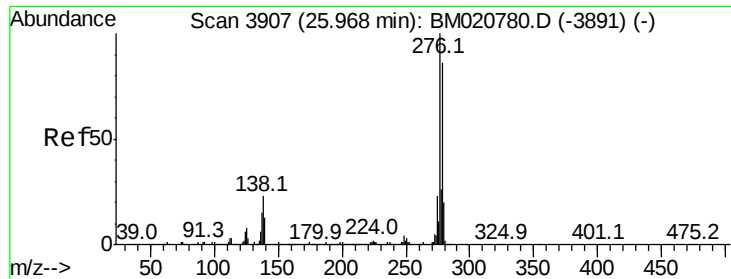


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



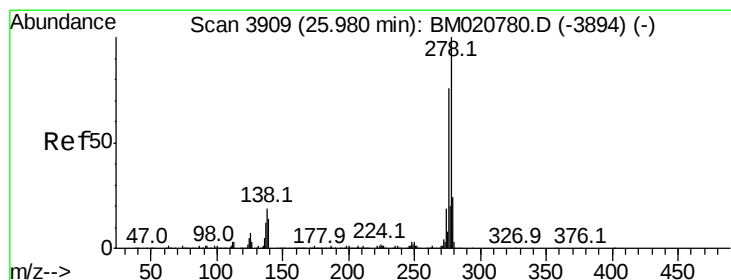
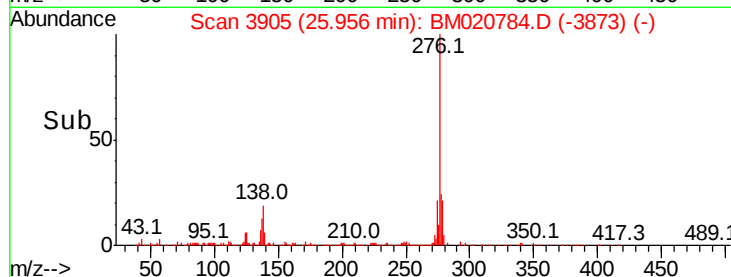
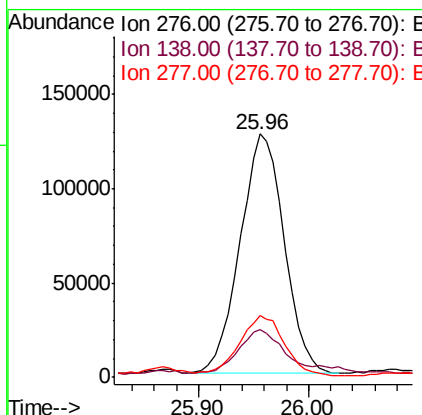
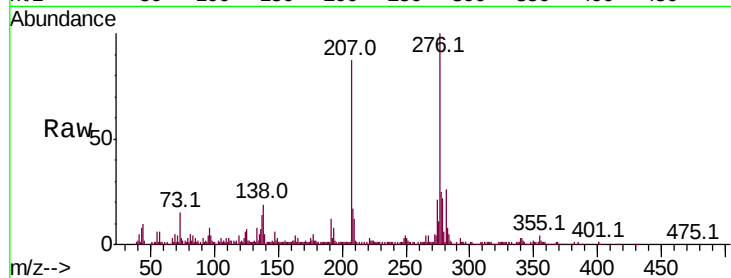


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.340 ng/ul
RT: 25.96 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM020784.D
Acq: 07 Jun 2019 03:38

Instrument :
BNA_M
ClientSampleId :

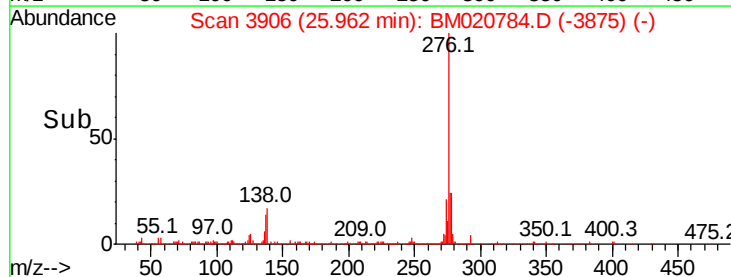
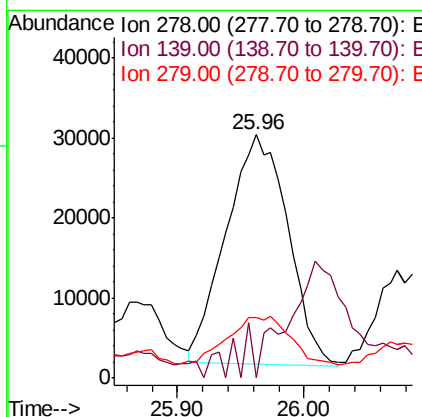
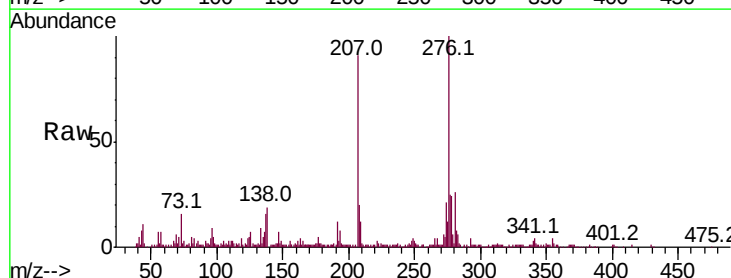
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	17.8	26.8
277	25.2	20.0	30.0

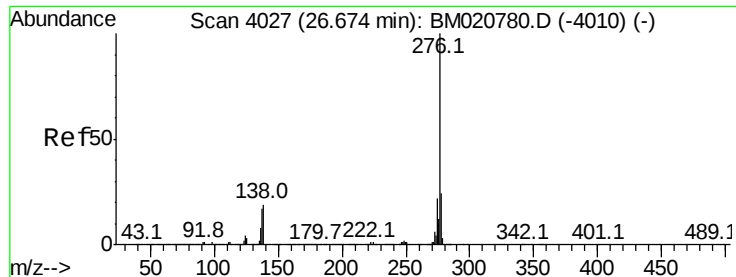


#92

Dibenzo(a,h)anthracene
Concen: 1.079 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020784.D
Acq: 07 Jun 2019 03:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	25.1	18.6	28.0





#93

Benzo(a,h,i)perylene

Concen: 3.224 ng/ul

RT: 26.67 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BM020784.D

Acq: 07 Jun 2019 03:38

Instrument :

BNA_M

ClientSampleId :

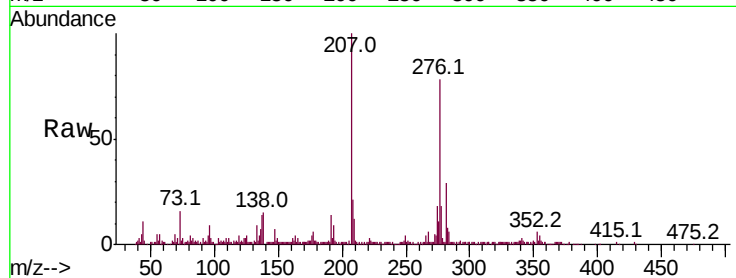
Tot Ion:276 Resp: 277437

Ion Ratio Lower Upper

276 100

138 19.5 16.6 25.0

277 23.7 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

