

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020783.D
 Acq On : 07 Jun 2019 03:02
 Operator : HP/JU
 Sample : K3201-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 06:38:42 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	335459	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1365908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	771209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1675063	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1479932	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1687106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	37733	5.36	ng/uL	0.00
5) Phenol-d5	6.97	99	681756	26.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	435849	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	590314	28.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	498906	24.16	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	289953	31.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	320253	33.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	601892	30.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	672071	27.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1889079	33.11	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2266665	31.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	246325	25.16	ng/ul	0.00
57) Fluorene-d10	15.45	176	1538195	31.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	192999	22.53	ng/ul	0.00
70) Anthracene-d10	17.29	188	2359967	32.25	ng/ul	0.00
78) Pyrene-d10	19.59	212	2424972	33.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2434833	31.75	ng/ul	0.00

Target Compounds

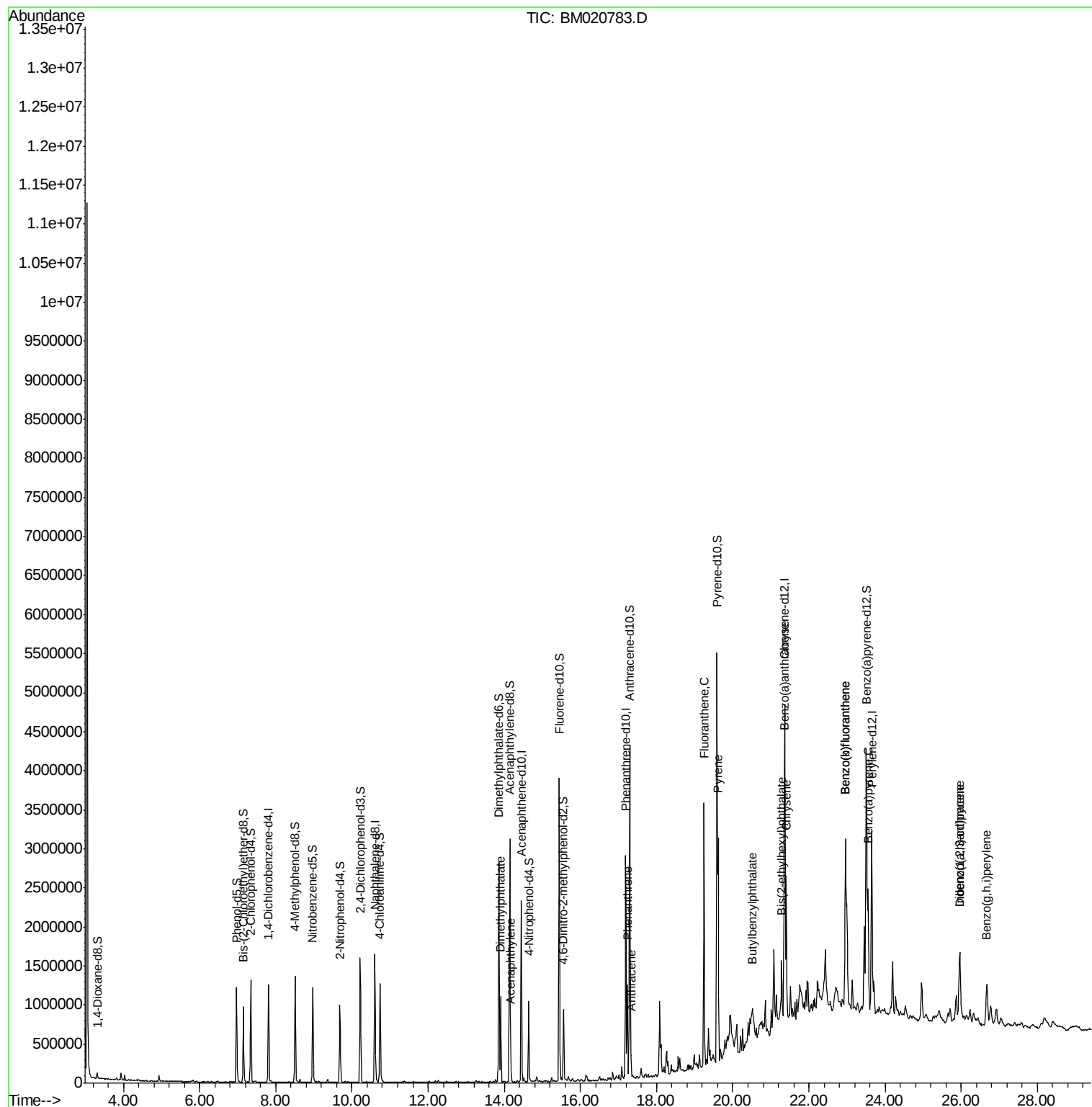
					Ovalue	
44) Dimethylphthalate	13.90	163	684178	11.978	ng/ul	100
47) Acenaphthylene	14.17	152	145039	2.073	ng/ul	99
69) Phenanthrene	17.23	178	697306	8.272	ng/ul	99
71) Anthracene	17.33	178	170384	1.972	ng/ul	98
76) Fluoranthene	19.25	202	1911634	19.788	ng/ul	99
79) Pyrene	19.62	202	1717032	18.795	ng/ul	98
80) Butylbenzylphthalate	20.51	149	41286	1.109	ng/ul#	67
82) Benzo(a)anthracene	21.35	228	1063690	11.522	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	242144	3.856	ng/ul	99
84) Chrysene	21.40	228	1049863	12.256	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	1719337	17.518	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	1719337	18.328	ng/ul	98
90) Benzo(a)pyrene	23.56	252	1041301	11.152	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.96	276	868349	7.874	ng/ul	96
92) Dibenzo(a,h)anthracene	25.97	278	225717	2.416	ng/ul#	92
93) Benzo(g,h,i)perylene	26.67	276	675834	7.554	ng/ul	96

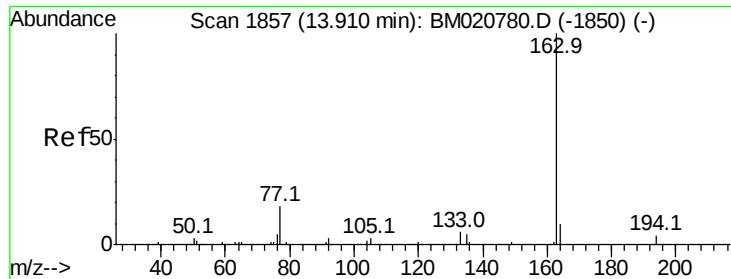
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020783.D
Acq On : 07 Jun 2019 03:02
Operator : HP/JU
Sample : K3201-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Jun 07 06:38:42 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





#44

Dimethylphthalate

Concen: 11.978 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

Instrument :

BNA_M

ClientSampleId :

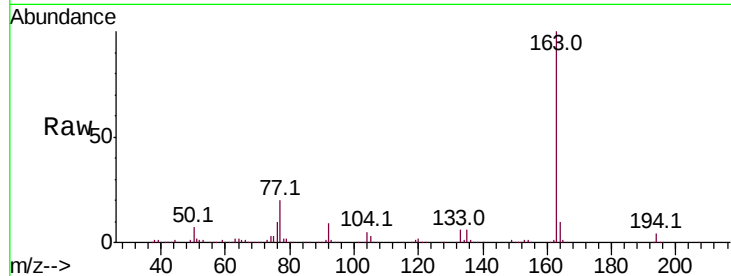
Tot Ion:163 Resp: 684178

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

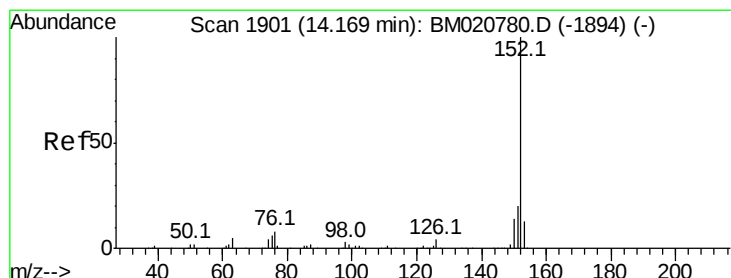
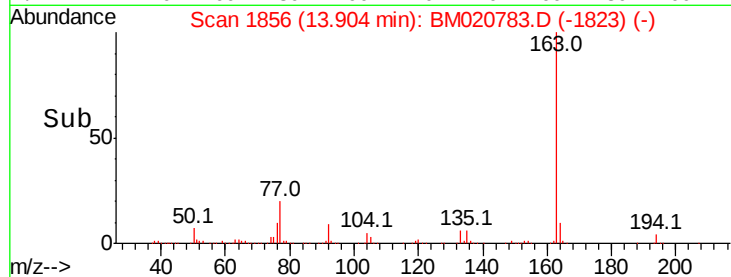
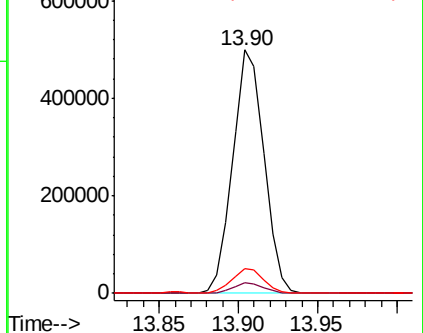
164 9.9 8.0 12.0



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



#47

Acenaphthylene

Concen: 2.073 ng/ul

RT: 14.17 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

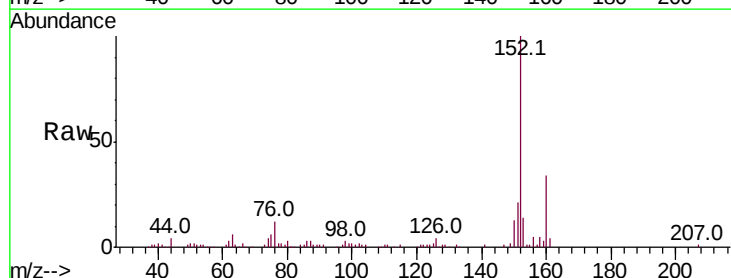
Tgt Ion:152 Resp: 145039

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

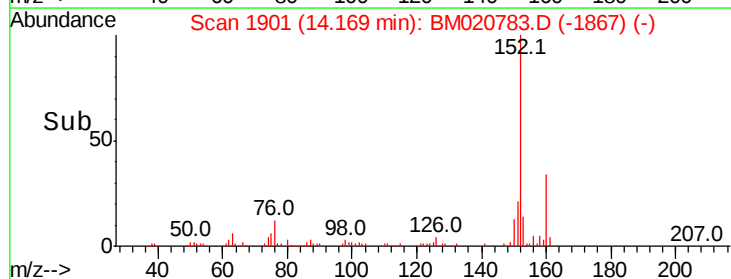
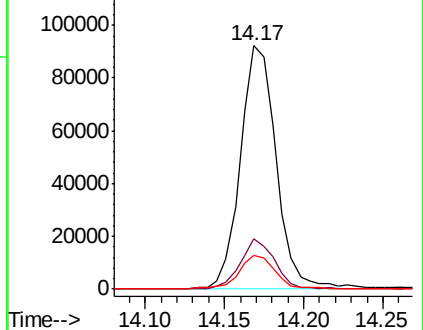
153 13.8 10.6 15.8

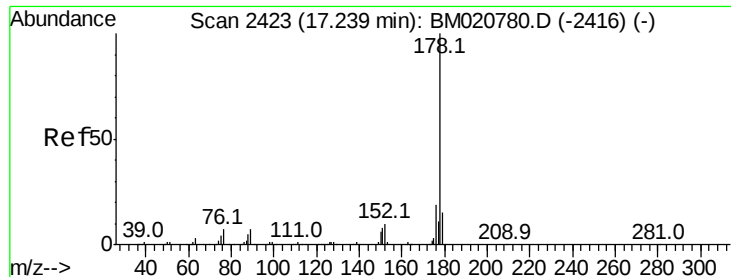


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 8.272 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

Instrument :

BNA_M

ClientSampleId :

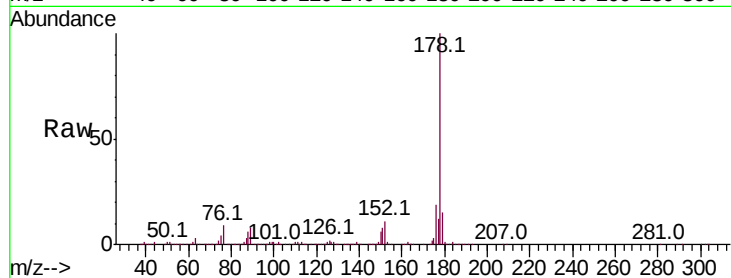
Tot Ion:178 Resp: 697306

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

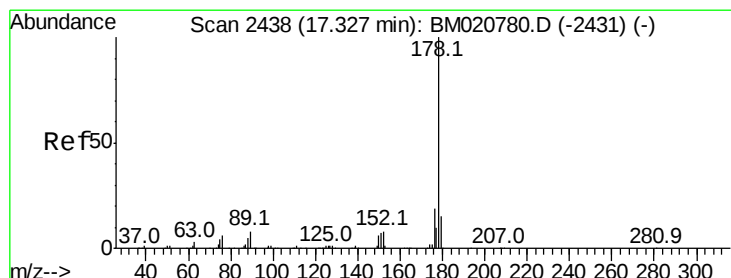
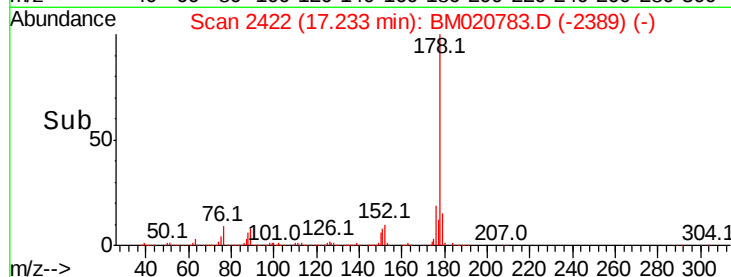
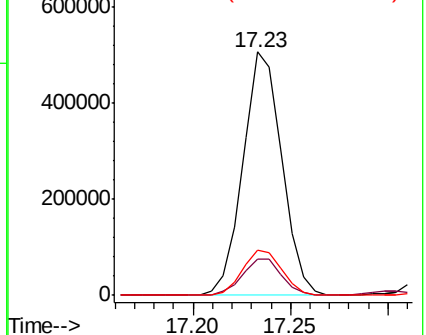
176 18.8 14.8 22.2



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: 1.972 ng/ul

RT: 17.33 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

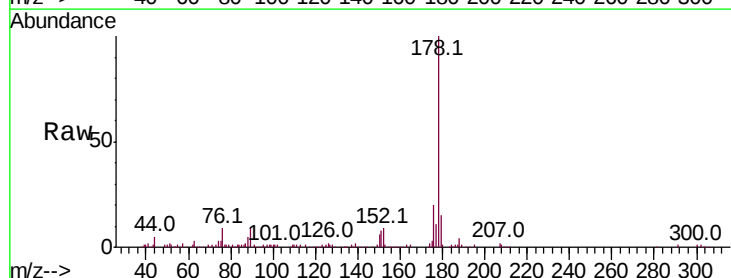
Tgt Ion:178 Resp: 170384

Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

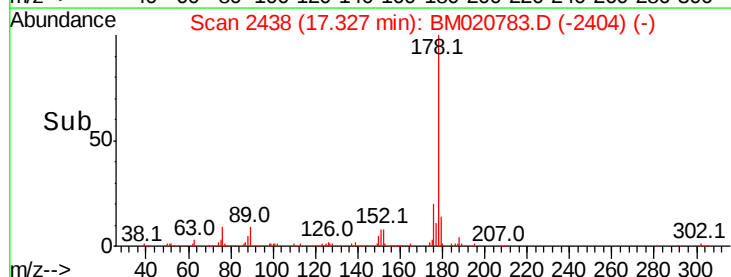
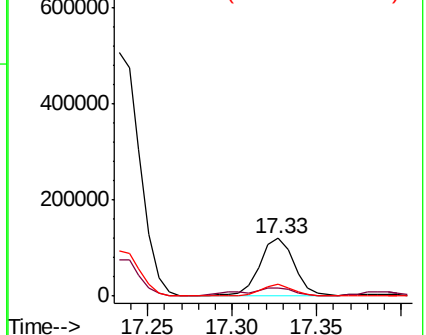
176 20.0 14.9 22.3

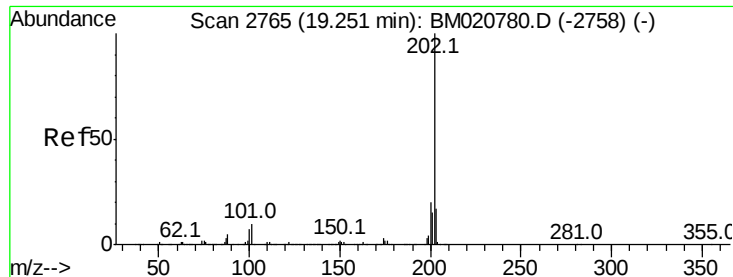


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 19.788 ng/ul

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

Instrument :

BNA_M

ClientSampleId :

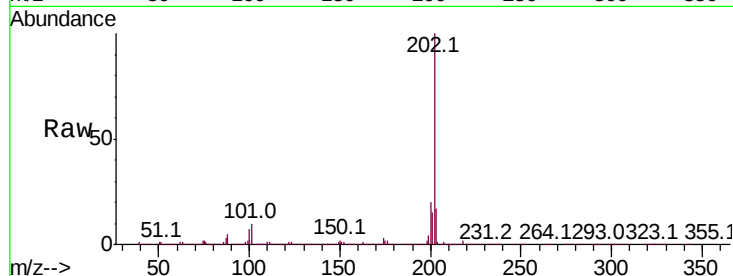
Tot Ion:202 Resp: 1911634

Ion Ratio Lower Upper

202 100

101 9.8 7.9 11.9

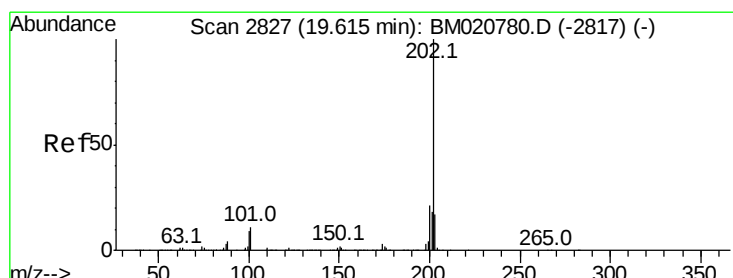
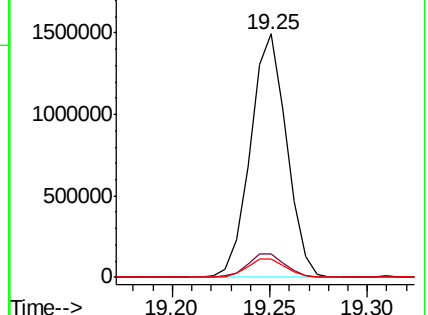
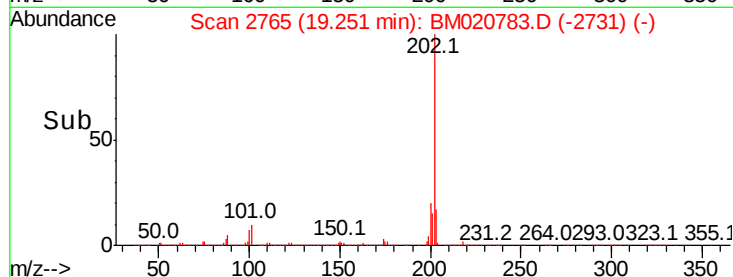
100 7.4 6.2 9.4



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: 18.795 ng/ul

RT: 19.62 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

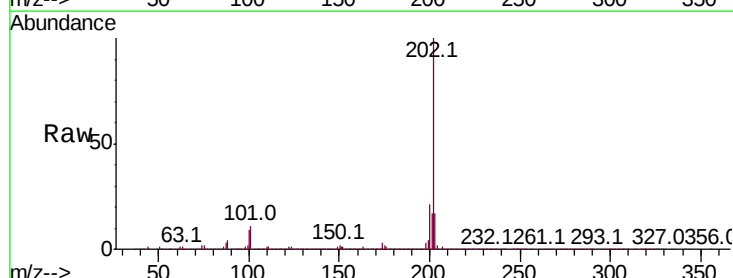
Tgt Ion:202 Resp: 1717032

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.6

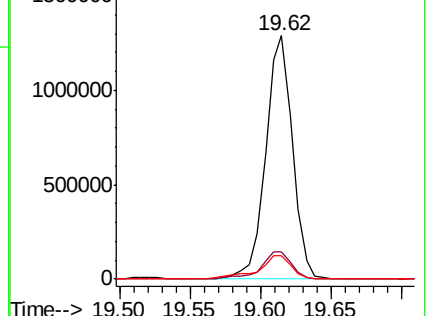
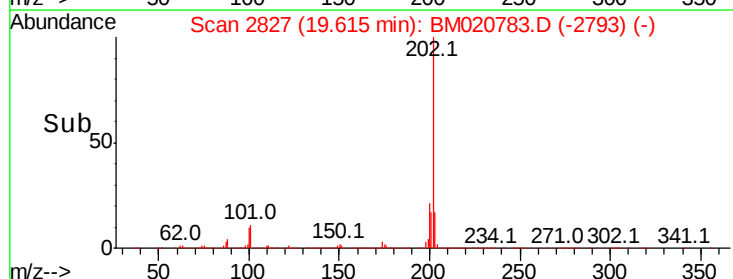
100 9.5 8.0 12.0

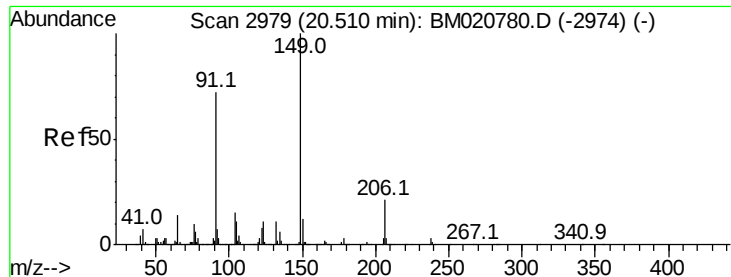


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

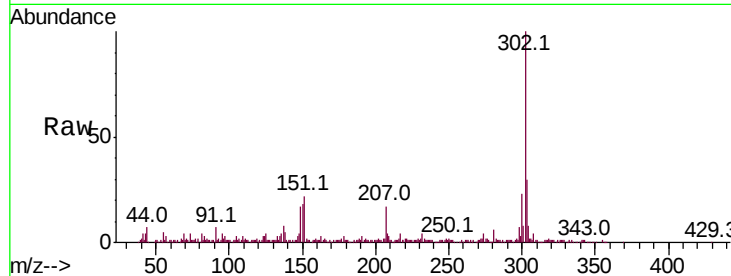




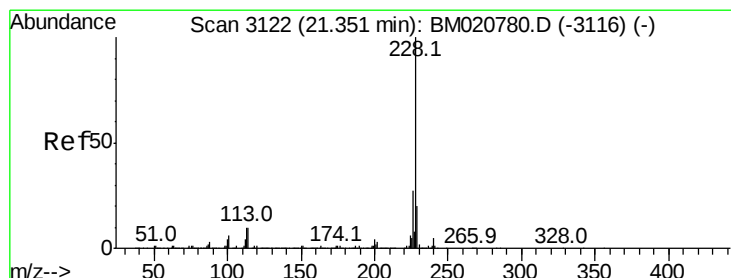
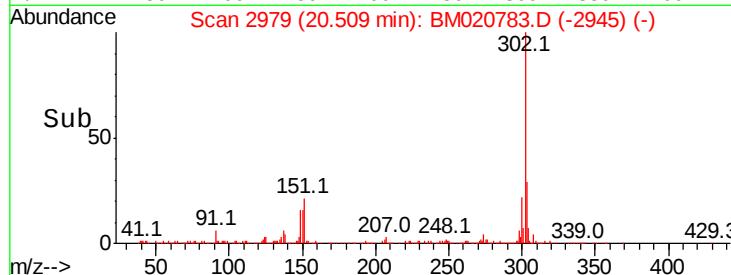
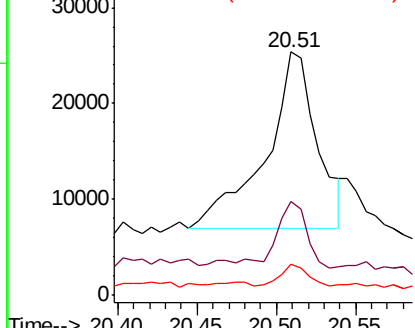
#80
 Butylbenzylphthalate
 Concen: 1.109 ng/ul
 RT: 20.51 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 41286
 Ion Ratio Lower Upper
 149 100
 91 38.7 55.8 83.6#
 206 12.6 16.2 24.4#

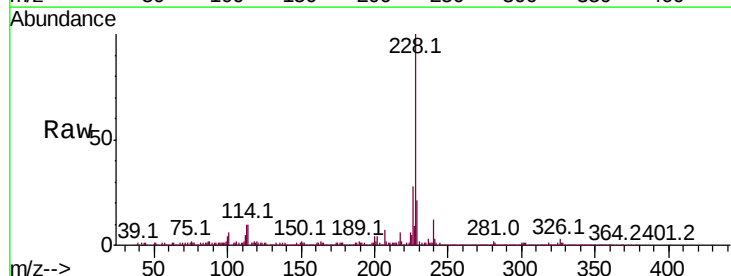


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

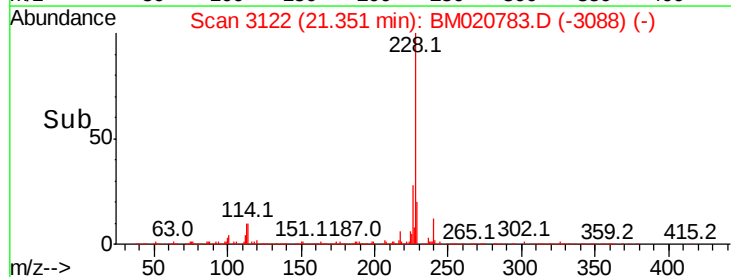
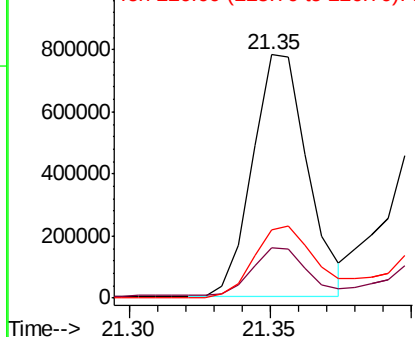


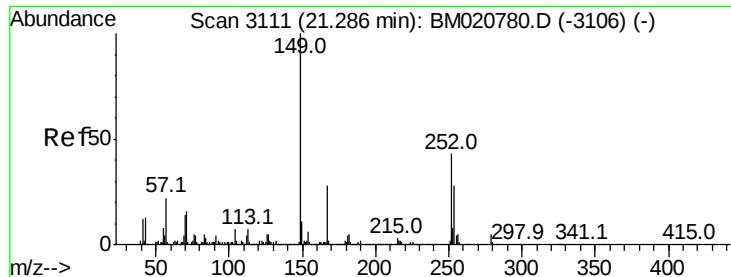
#82
 Benzo(a)anthracene
 Concen: 11.522 ng/ul
 RT: 21.35 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

Tgt Ion:228 Resp: 1063690
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.6 23.4
 226 28.1 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

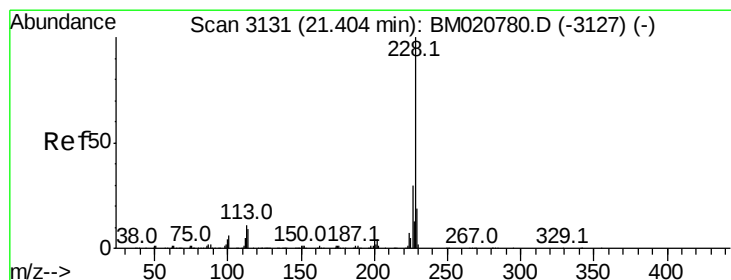
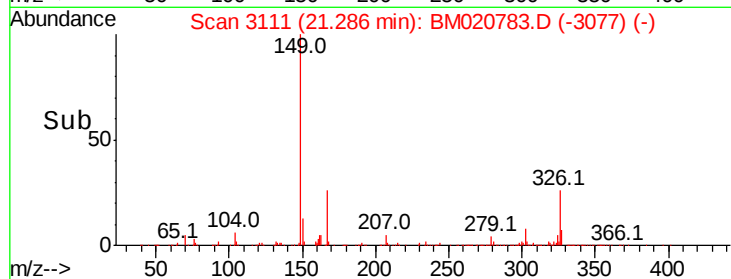
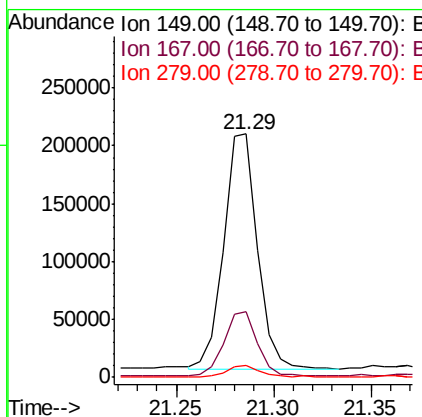
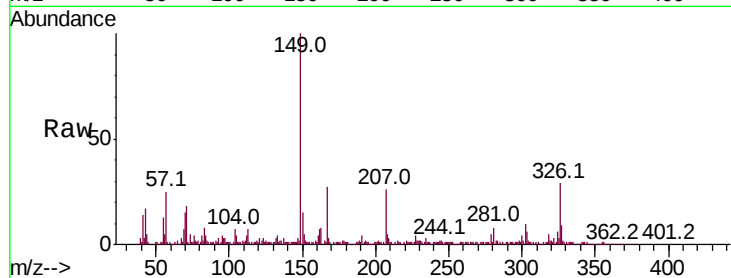




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.856 ng/ul
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

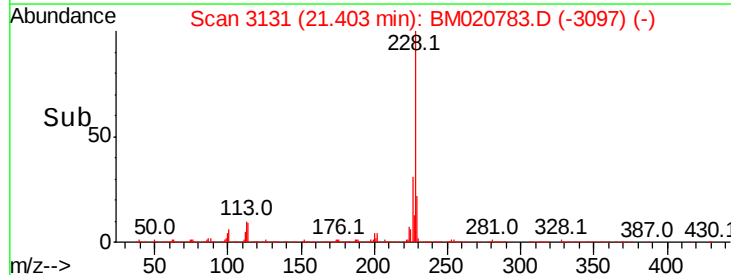
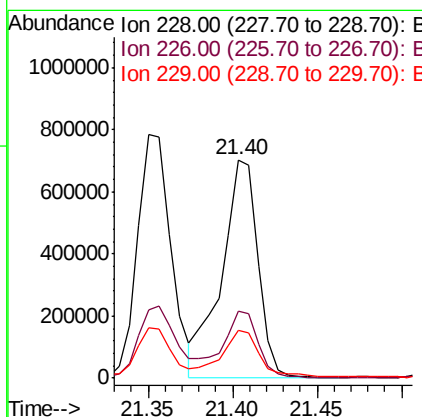
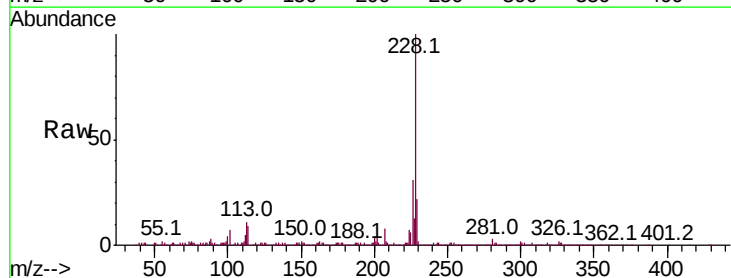
Instrument :
 BNA_M
 ClientSampleId :

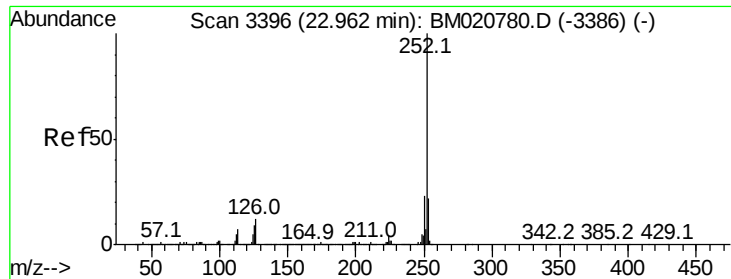
Tot Ion:149 Resp: 242144
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.9 32.9
 279 4.6 4.1 6.1



#84
 Chrysene
 Concen: 12.256 ng/ul
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

Tgt Ion:228 Resp: 1049863
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 22.0 16.2 24.2





#87

Benzo(b)fluoranthene

Concen: 17.518 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.00 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

Instrument :

BNA_M

ClientSampled :

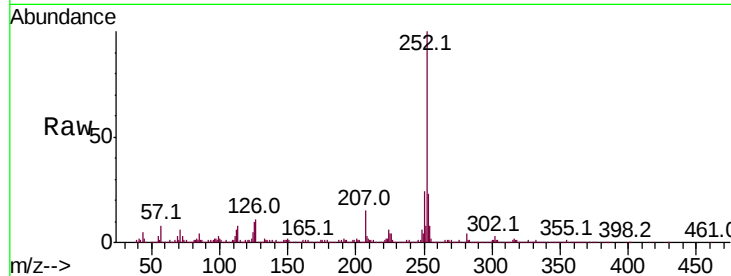
Tot Ion:252 Resp: 1719337

Ion Ratio Lower Upper

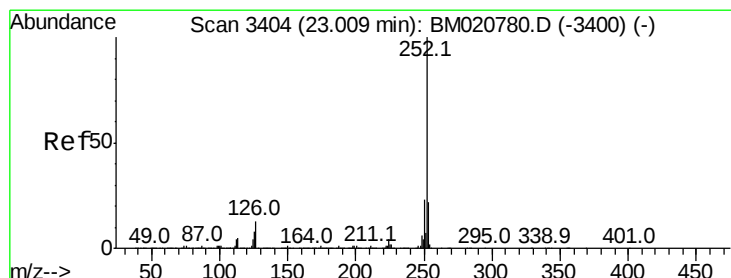
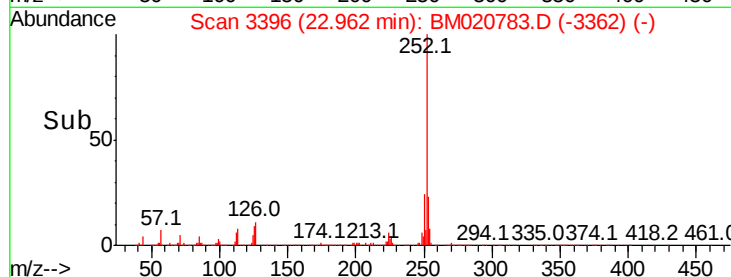
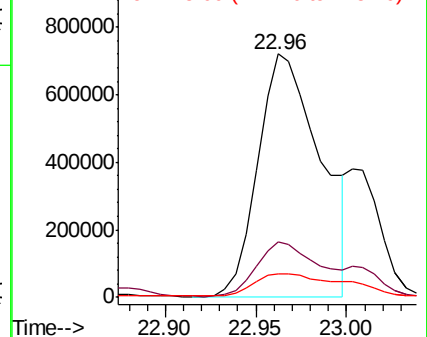
252 100

253 22.9 17.6 26.4

125 9.7 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: 18.328 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.05 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

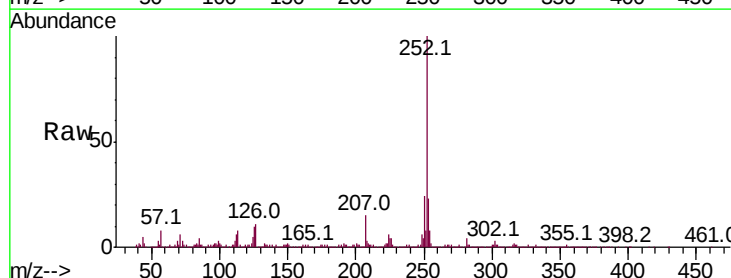
Tgt Ion:252 Resp: 1719337

Ion Ratio Lower Upper

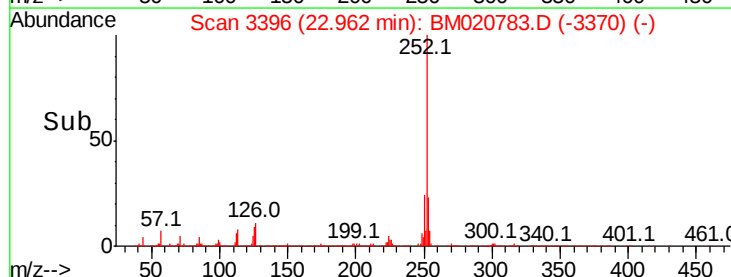
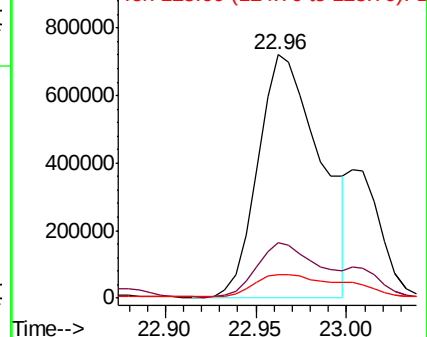
252 100

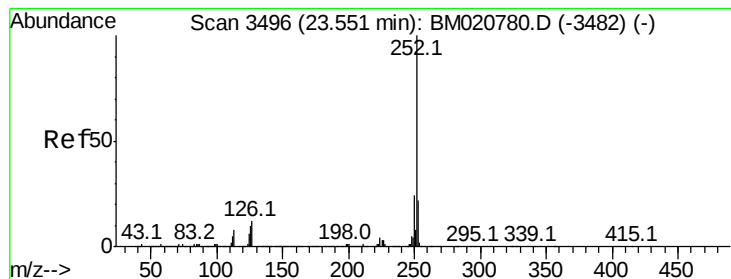
253 22.9 17.6 26.4

125 9.7 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: 11.152 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

Instrument :

BNA_M

ClientSampleId :

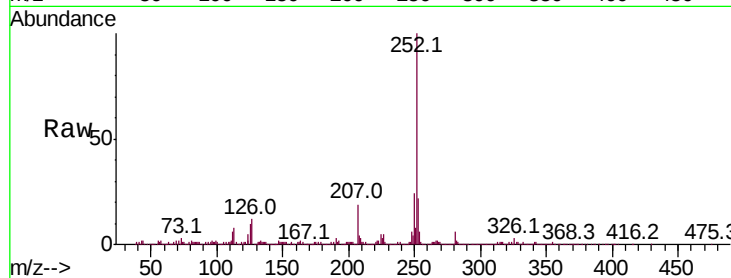
Tot Ion:252 Resp: 1041301

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

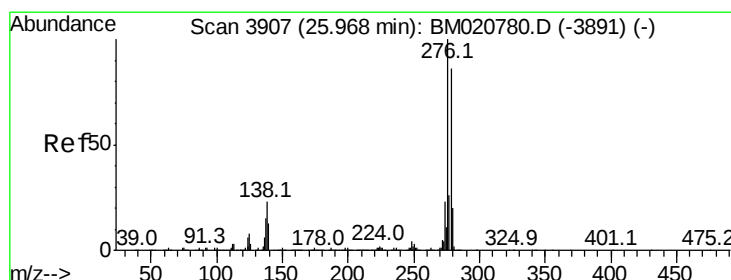
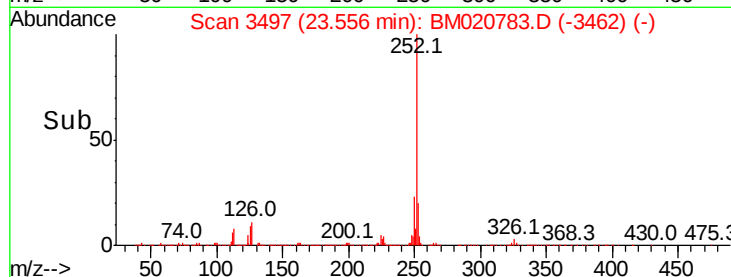
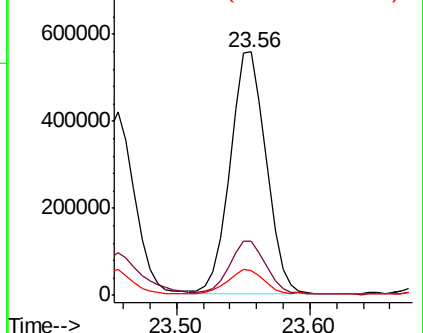
125 10.0 8.2 12.4



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: 7.874 ng/ul

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM020783.D

Acq: 07 Jun 2019 03:02

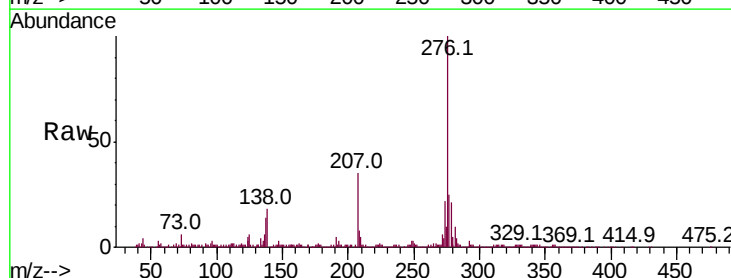
Tgt Ion:276 Resp: 868349

Ion Ratio Lower Upper

276 100

138 18.5 17.8 26.8

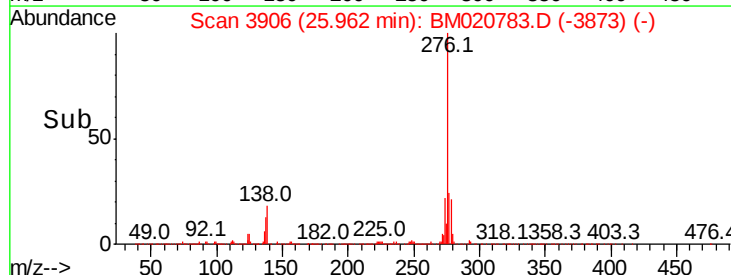
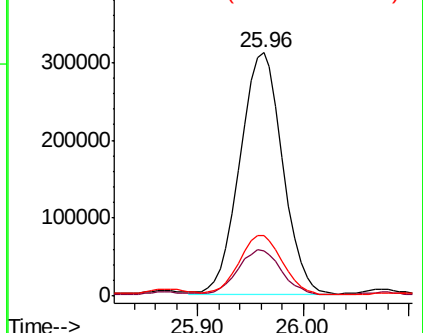
277 24.7 20.0 30.0

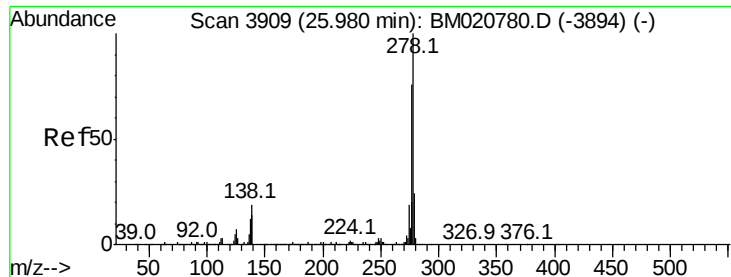


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



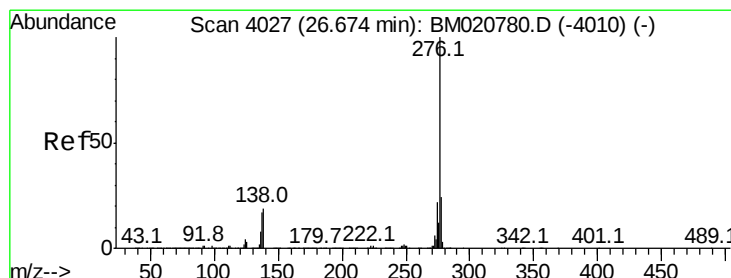
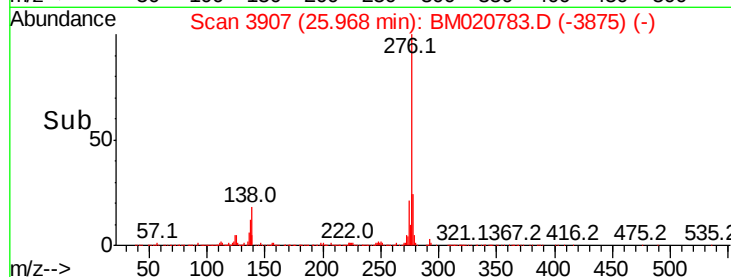
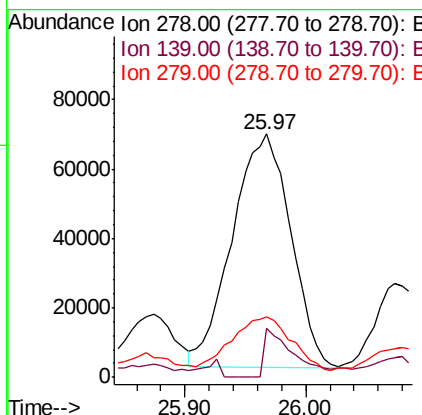
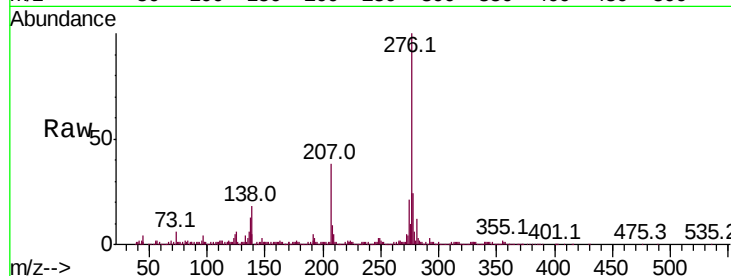


#92

Dibenzo(a,h)anthracene
 Concen: 2.416 ng/ul
 RT: 25.97 min Scan# 3907
 Delta R.T. -0.01 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	11.6	17.4#
279	25.0	18.6	28.0



#93

Benzo(g,h,i)perylene
 Concen: 7.554 ng/ul
 RT: 26.67 min Scan# 4027
 Delta R.T. -0.00 min
 Lab File: BM020783.D
 Acq: 07 Jun 2019 03:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	23.5	19.6	29.4

