

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
 Data File : BM020795.D
 Acq On : 07 Jun 2019 09:40
 Operator : HP/JU
 Sample : K3201-15 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Quant Time: Jun 08 00:23:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 08 00:20:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	280093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1166575	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	679804	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1492976	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1296839	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1451663	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	9053	1.54	ng/uL	0.00
5) Phenol-d5	6.97	99	174922	8.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	115476	8.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	153243	8.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	124840	7.24	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	75348	9.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	79876	9.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	155909	9.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	150588	7.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	507800	10.10	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	609927	9.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	55413	6.42	ng/ul	0.00
57) Fluorene-d10	15.44	176	423835	9.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	27241	3.57	ng/ul	0.00
70) Anthracene-d10	17.29	188	634680	9.73	ng/ul	0.00
78) Pyrene-d10	19.59	212	634838	10.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	613458	9.30	ng/ul	0.00

Target Compounds

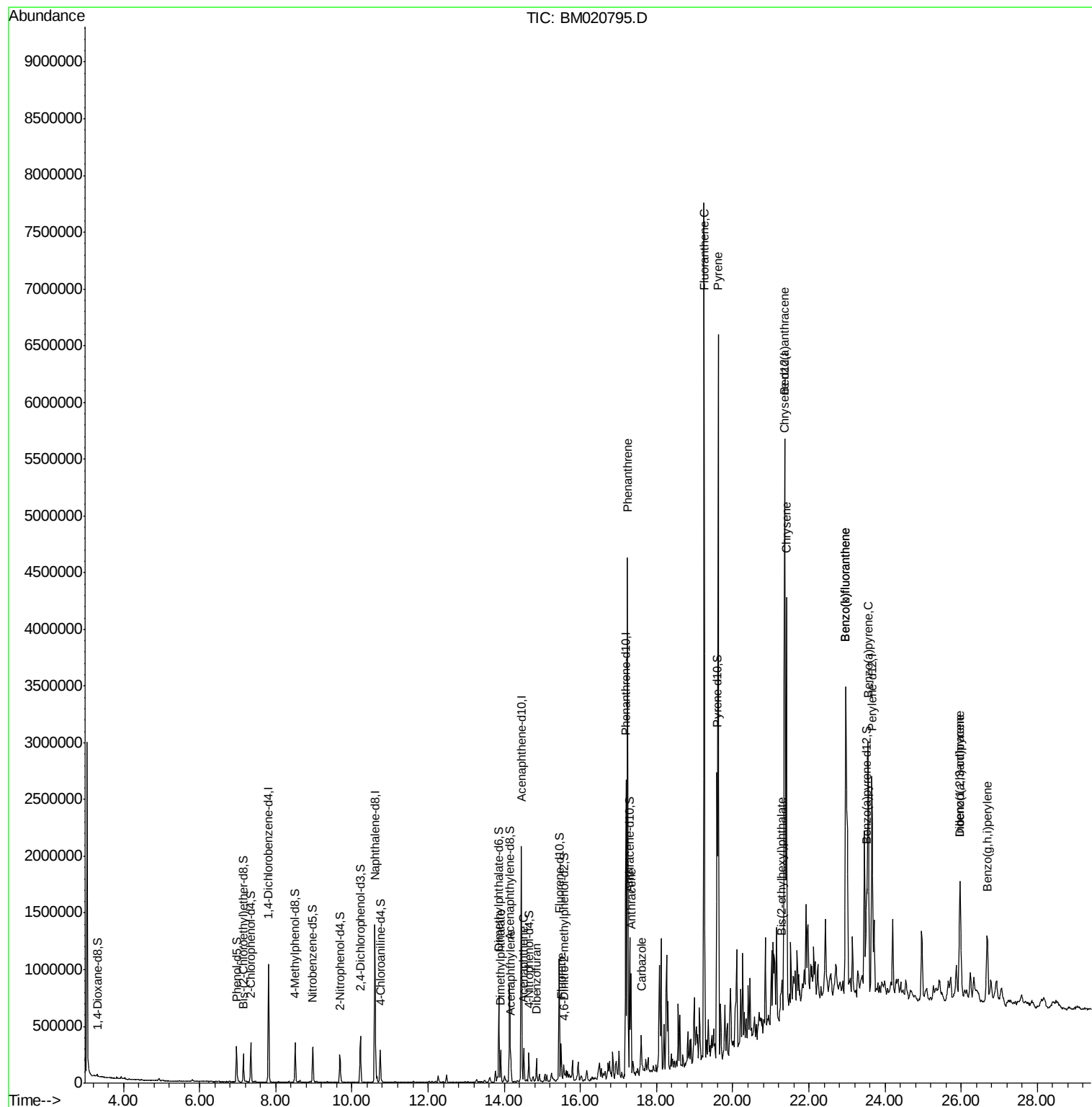
					Qvalue
44) Dimethylphthalate	13.90	163	172810	3.432 ng/ul	99
47) Acenaphthylene	14.17	152	112357	1.821 ng/ul	98
49) Acenaphthene	14.52	153	122675	2.849 ng/ul	99
53) Dibenzofuran	14.85	168	93318	1.532 ng/ul	97
58) Fluorene	15.50	166	127220	2.602 ng/ul	98
69) Phenanthrene	17.24	178	2652462	35.301 ng/ul	99
71) Anthracene	17.33	178	540032	7.012 ng/ul	99
74) Carbazole	17.60	167	195406	2.917 ng/ul	99
76) Fluoranthene	19.25	202	4346398	50.477 ng/ul	100
79) Pyrene	19.62	202	3739037	46.708 ng/ul	99
82) Benzo(a)anthracene	21.36	228	2069151	25.577 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.29	149	99749	1.813 ng/ul	99
84) Chrysene	21.41	228	1876618	24.999 ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	2399882	28.419 ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	2399882	29.732 ng/ul	99
90) Benzo(a)pyrene	23.56	252	1577241	19.632 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.97	276	1016029	10.707 ng/ul	97
92) Dibenzo(a,h)anthracene	25.97	278	298118	3.708 ng/ul#	82
93) Benzo(g,h,i)perylene	26.69	276	758910	9.858 ng/ul	98

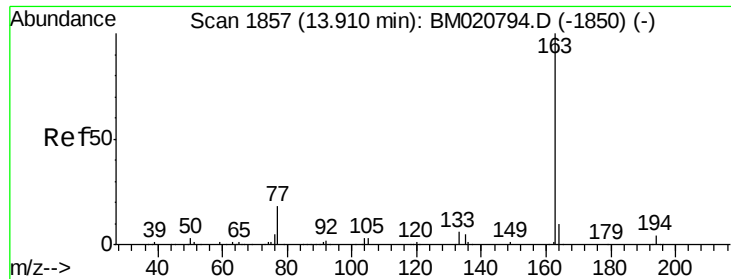
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 08 00:20:16 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.432 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

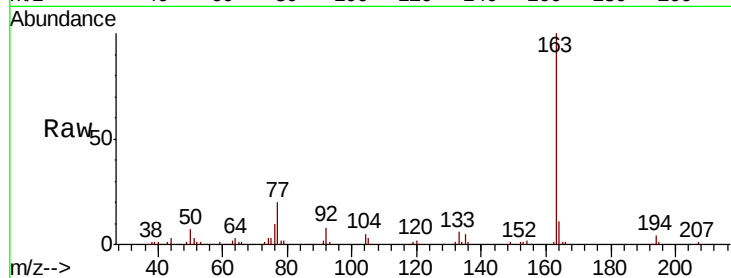
Tgt Ion:163 Resp: 172810

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

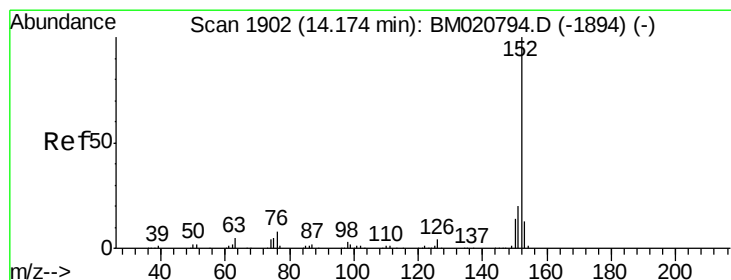
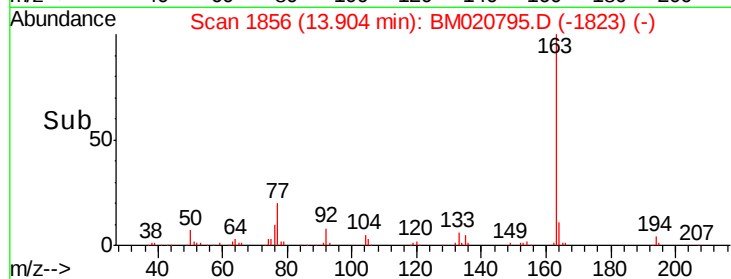
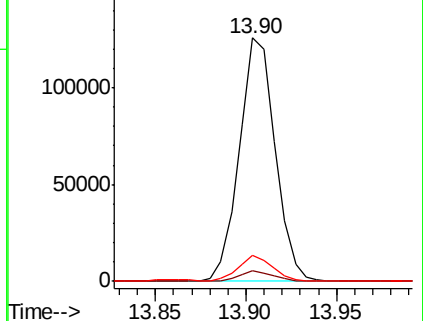
164 10.7 8.0 12.0



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: 1.821 ng/ul

RT: 14.17 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

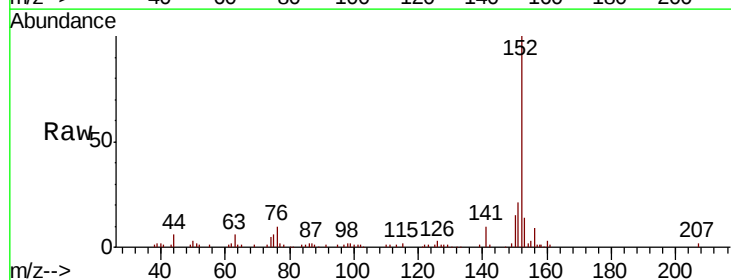
Tgt Ion:152 Resp: 112357

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

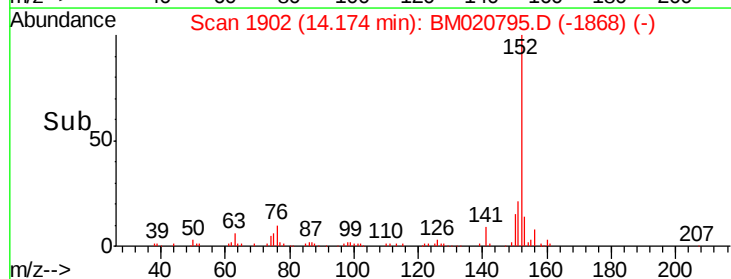
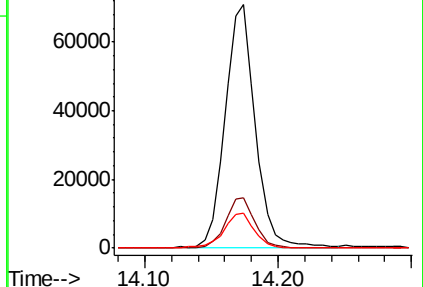
153 14.4 10.6 15.8

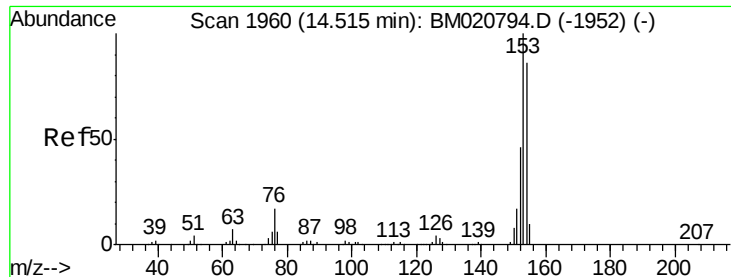


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 2.849 ng/ul

RT: 14.52 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

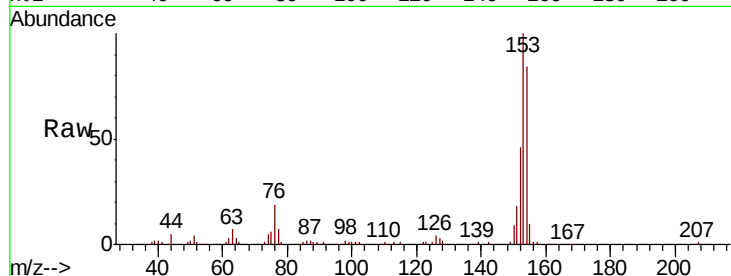
Tgt Ion:153 Resp: 122675

Ion Ratio Lower Upper

153 100

152 46.2 37.3 55.9

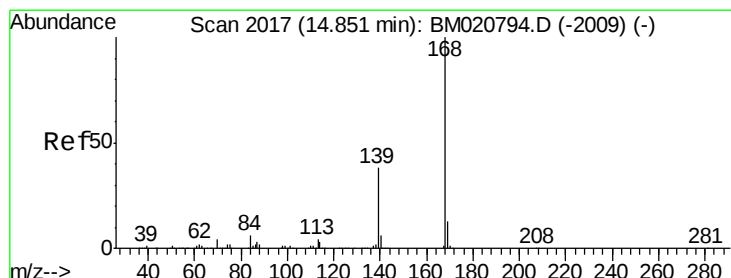
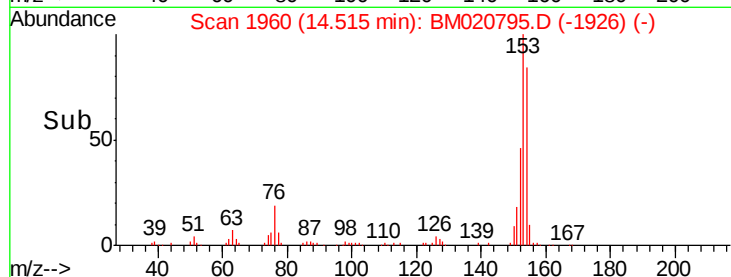
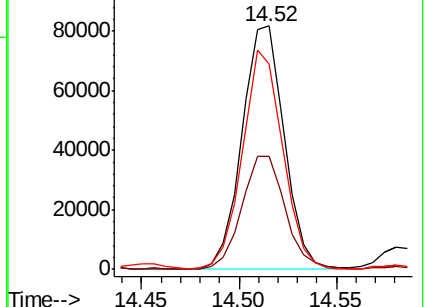
154 84.1 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.532 ng/ul

RT: 14.85 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BM020795.D

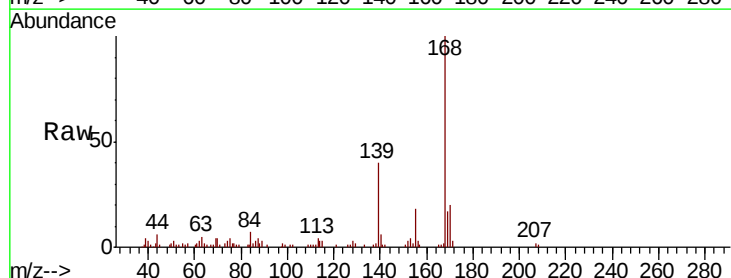
Acq: 07 Jun 2019 09:40

Tgt Ion:168 Resp: 93318

Ion Ratio Lower Upper

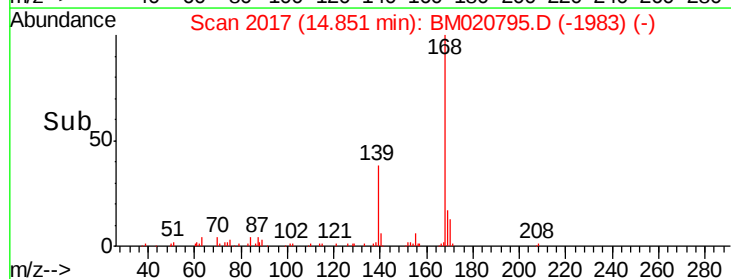
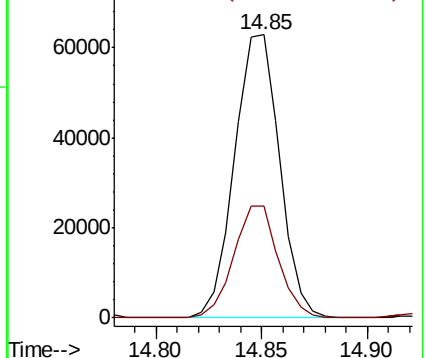
168 100

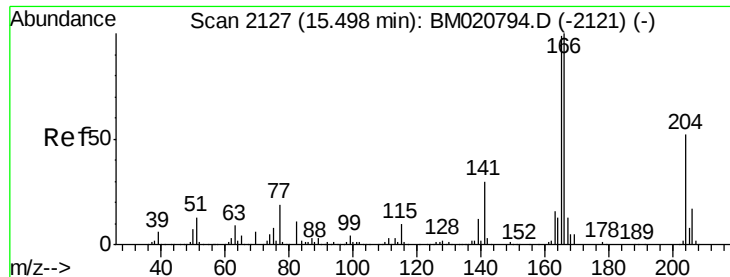
139 39.5 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.602 ng/ul

RT: 15.50 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

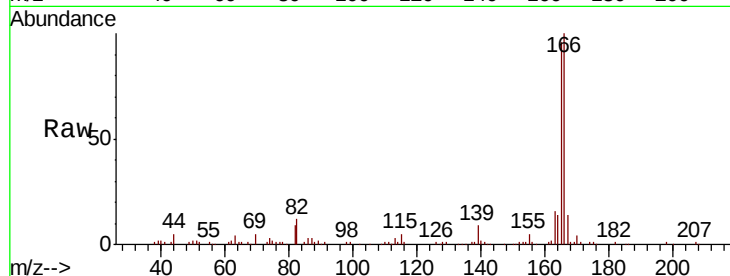
Tgt Ion:166 Resp: 127220

Ion Ratio Lower Upper

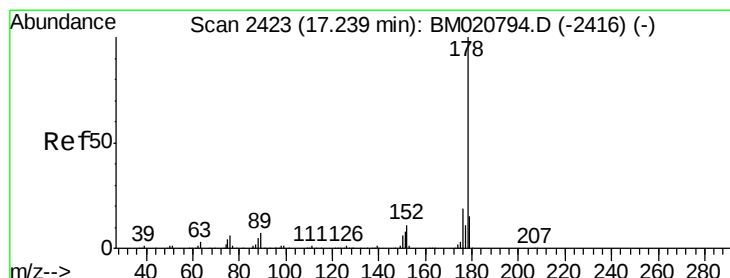
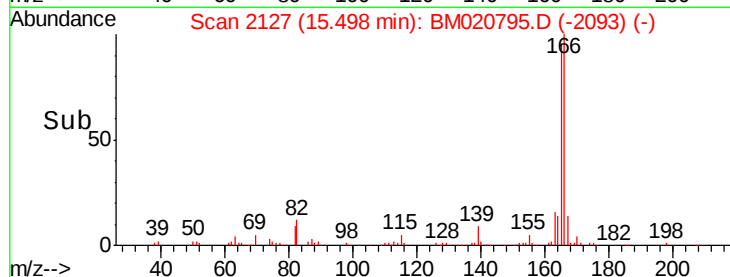
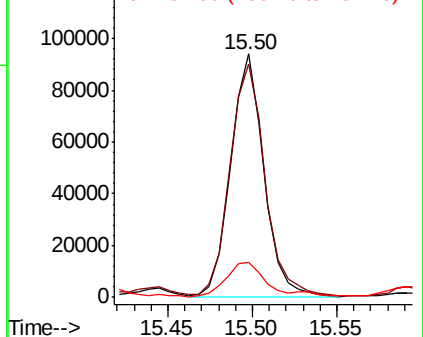
166 100

165 95.9 78.6 117.8

167 14.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 35.301 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

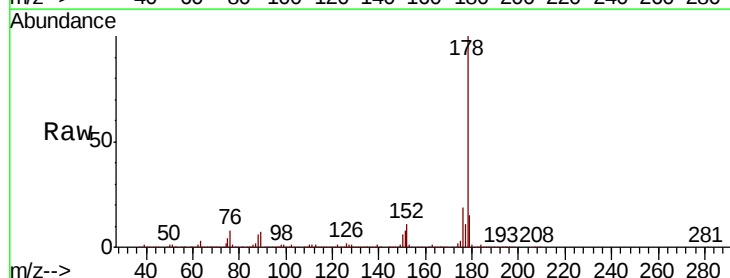
Tgt Ion:178 Resp: 2652462

Ion Ratio Lower Upper

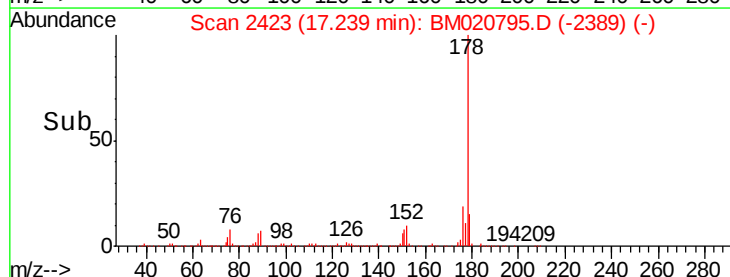
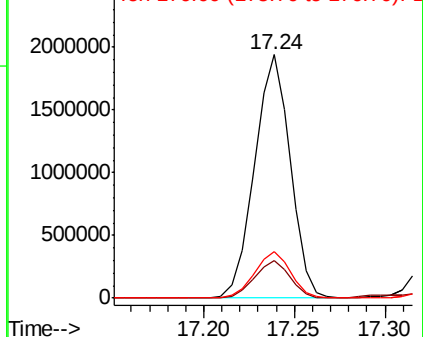
178 100

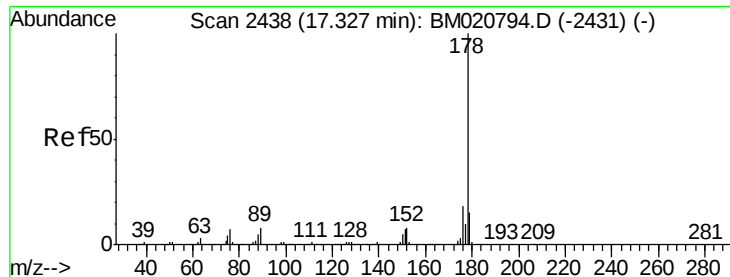
179 15.5 12.3 18.5

176 19.1 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

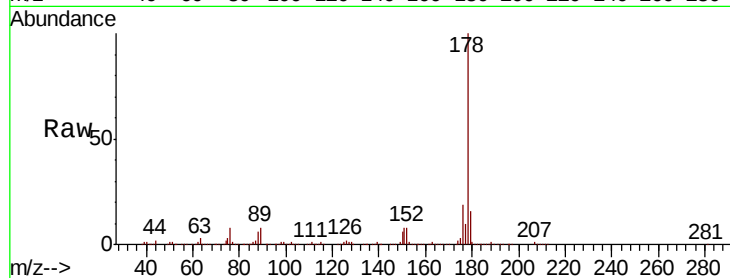




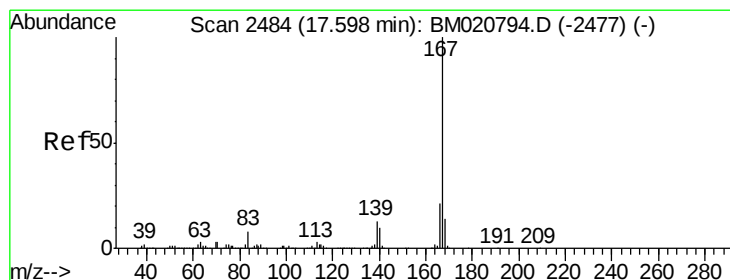
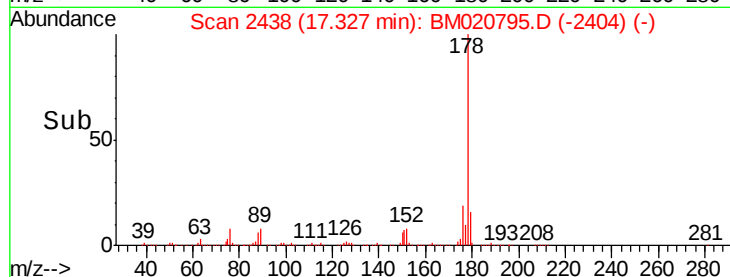
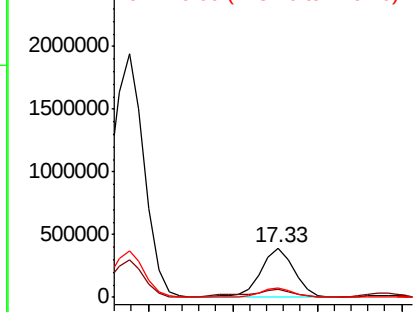
#71
 Anthracene
 Concen: 7.012 ng/ul
 RT: 17.33 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Tgt Ion:178 Resp: 540032
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 19.0 14.9 22.3

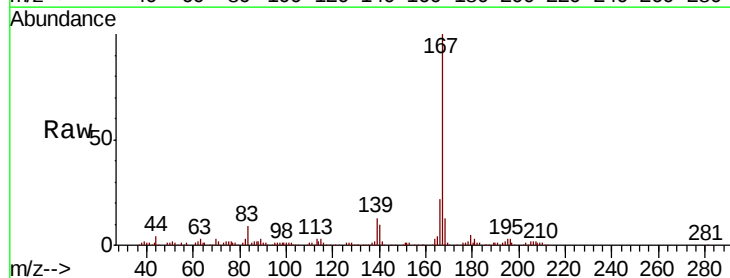


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

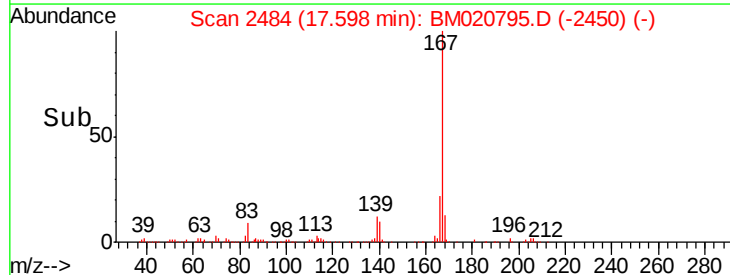
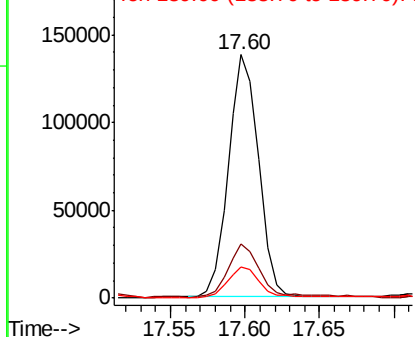


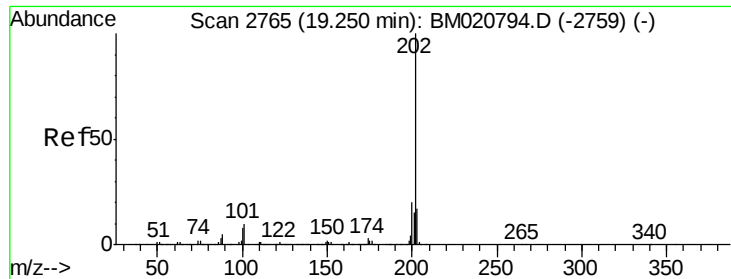
#74
 Carbazole
 Concen: 2.917 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM020795.D
 Acq: 07 Jun 2019 09:40

Tgt Ion:167 Resp: 195406
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 12.7 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

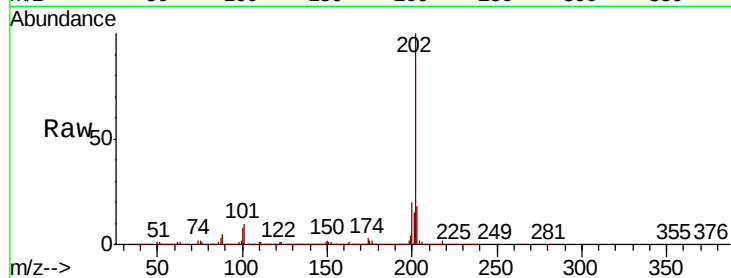




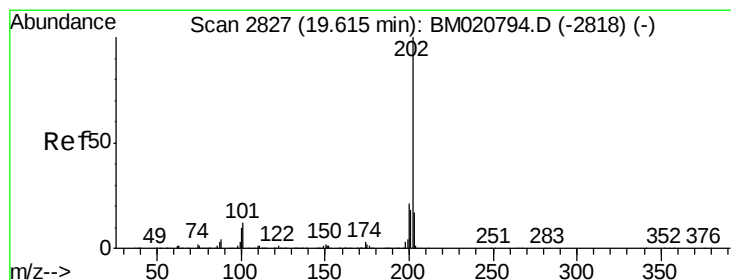
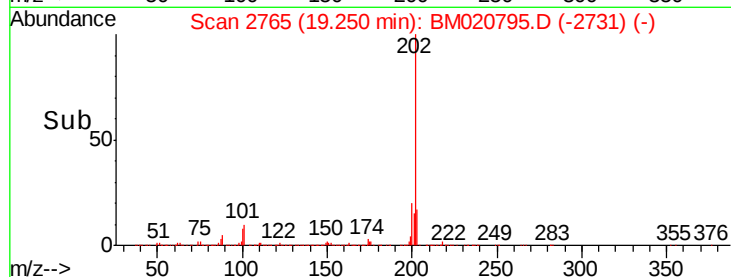
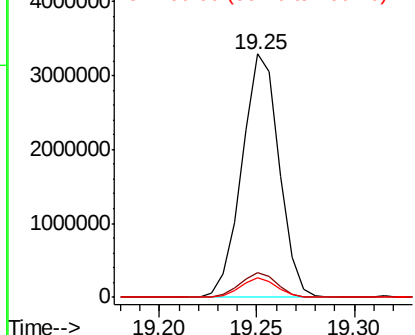
#76
Fluoranthene
Concen: 50.477 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 4346398
Ion Ratio Lower Upper
202 100
101 10.2 7.9 11.9
100 7.8 6.2 9.4

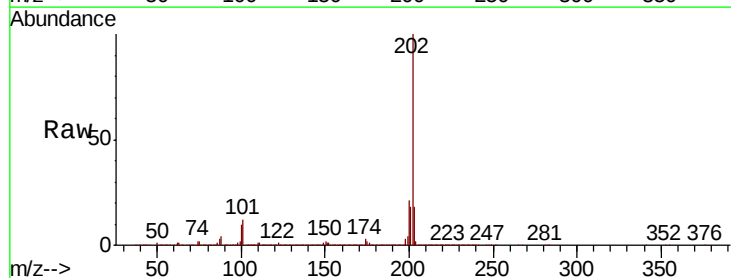


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

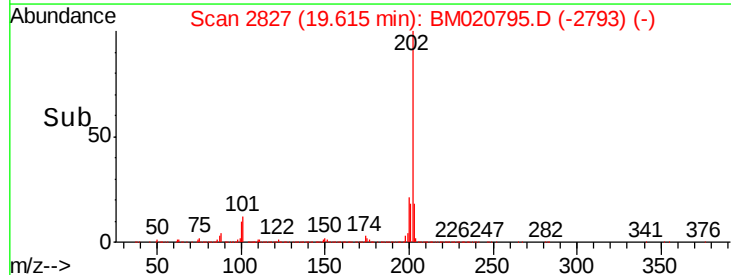
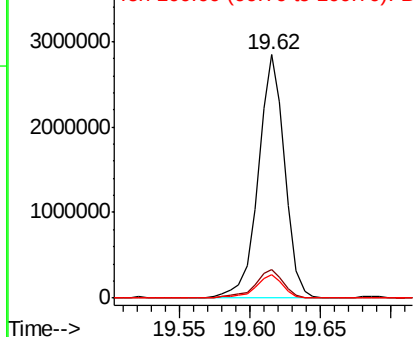


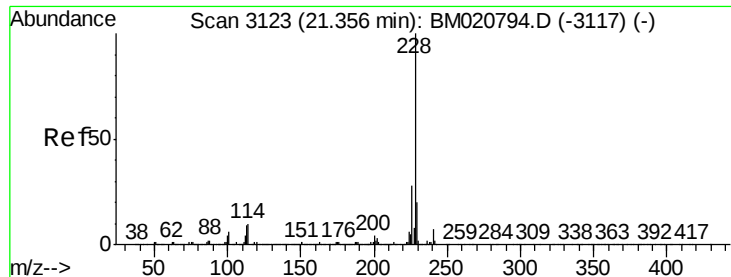
#79
Pyrene
Concen: 46.708 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Tgt Ion:202 Resp: 3739037
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
100 9.7 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: 25.577 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

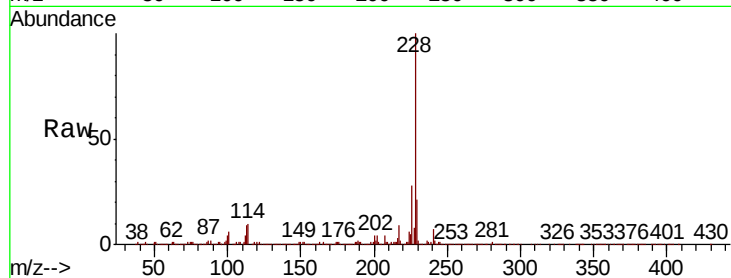
Tgt Ion:228 Resp: 2069151

Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

226 27.9 21.4 32.2

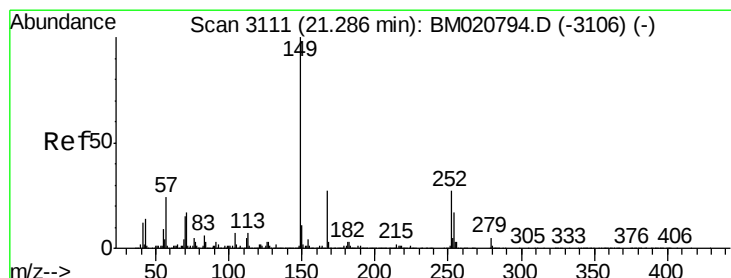
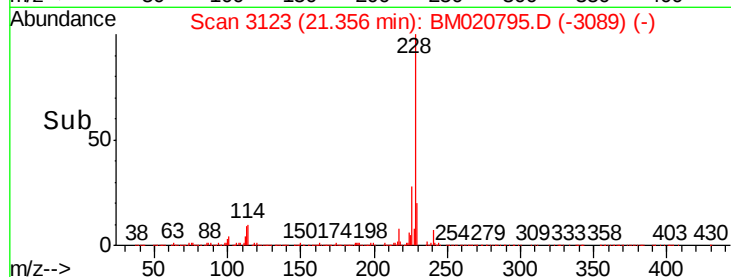
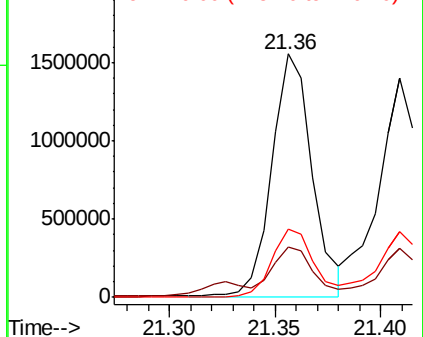


Abundance

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: 1.813 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

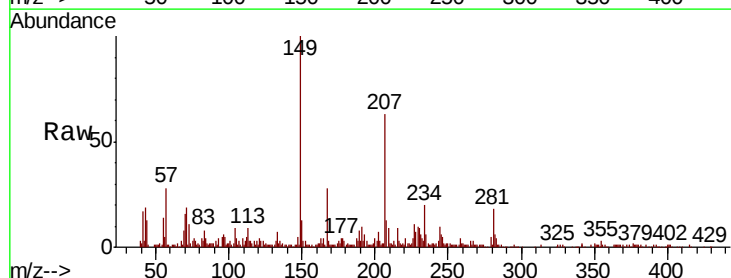
Tgt Ion:149 Resp: 99749

Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 5.0 4.1 6.1

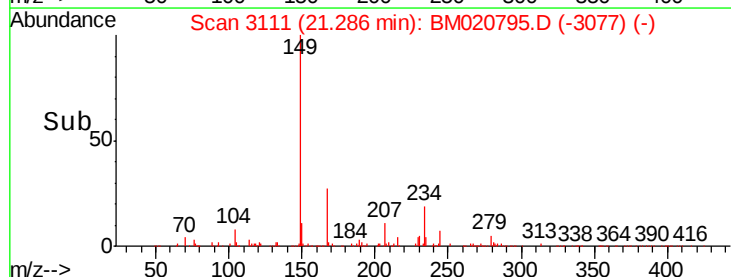
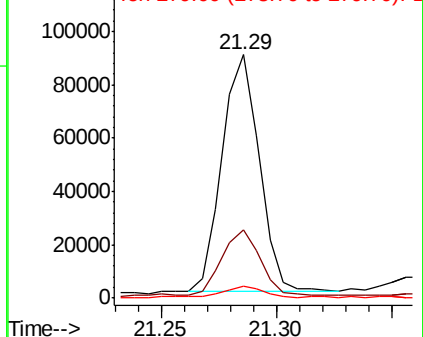


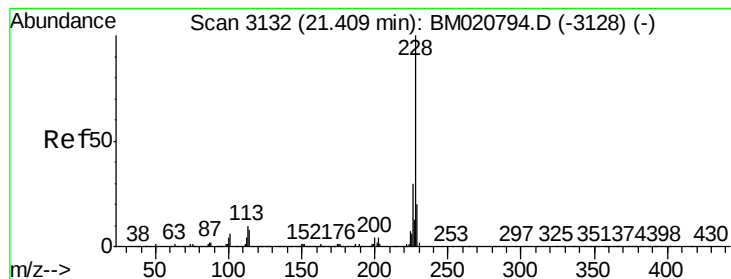
Abundance

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: 24.999 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

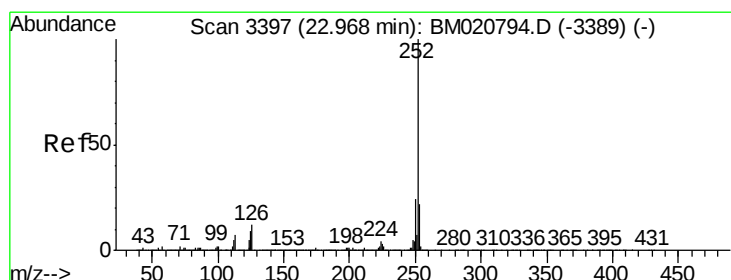
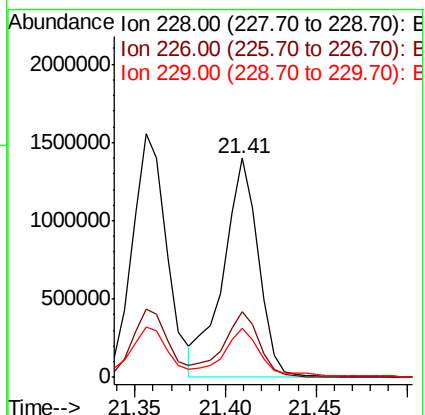
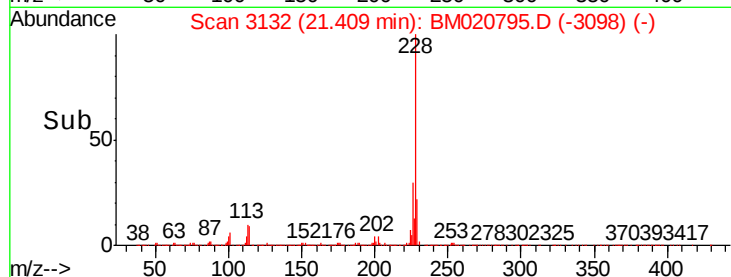
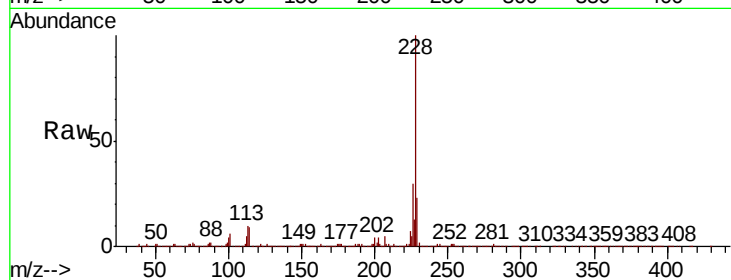
Tgt Ion:228 Resp: 1876618

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 22.5 16.2 24.2



#87

Benzo(b)fluoranthene

Concen: 28.419 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

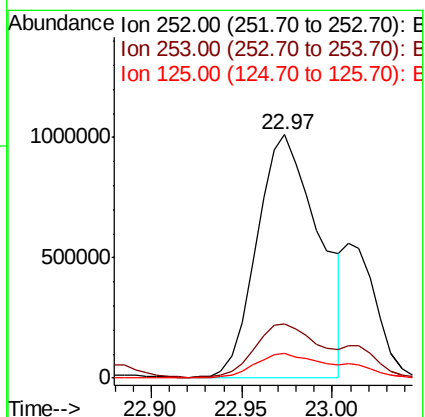
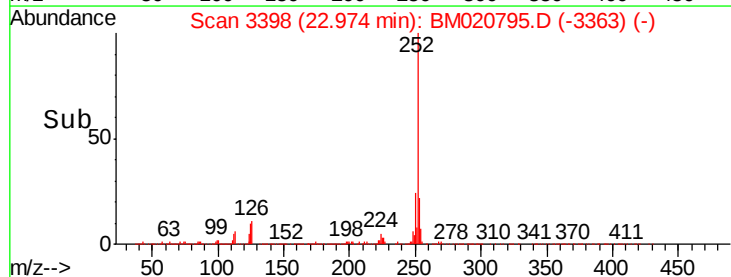
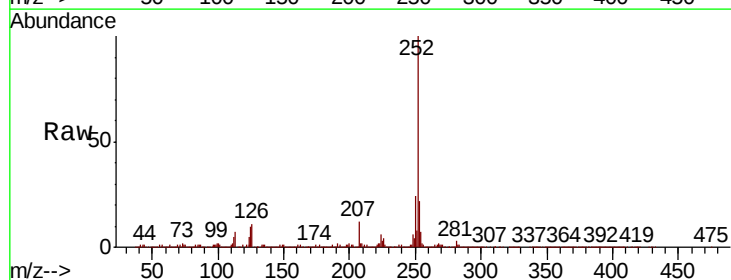
Tgt Ion:252 Resp: 2399882

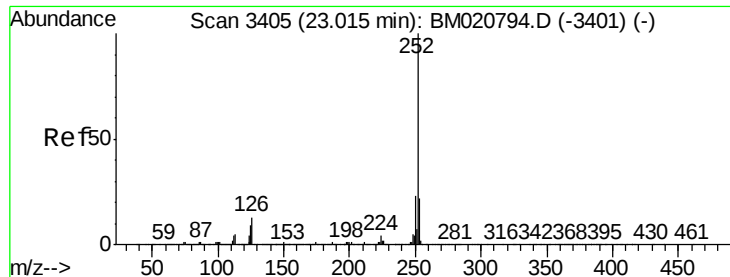
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.9 7.3 10.9





#88

Benzo(k)fluoranthene

Concen: 29.732 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. -0.04 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

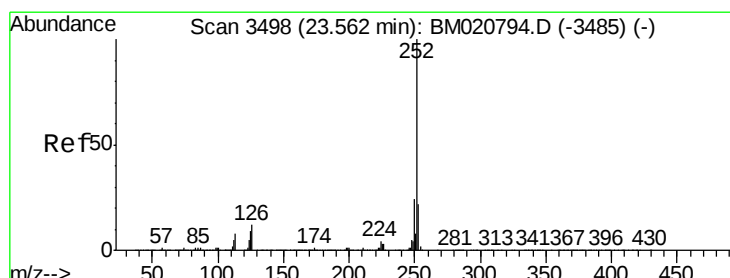
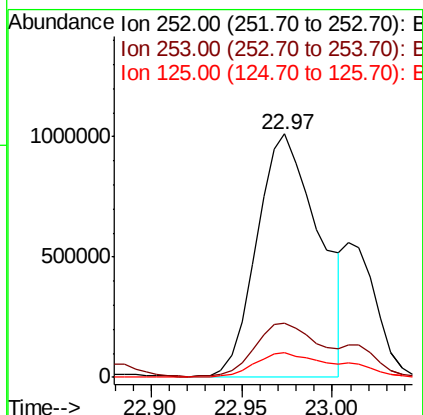
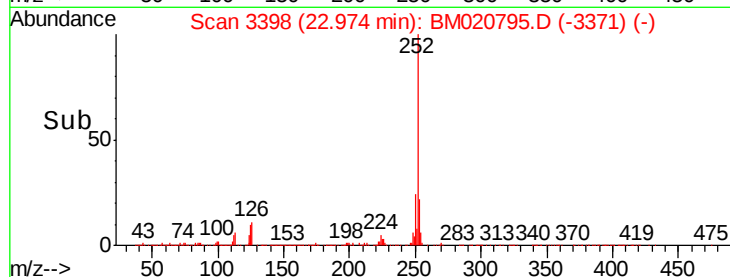
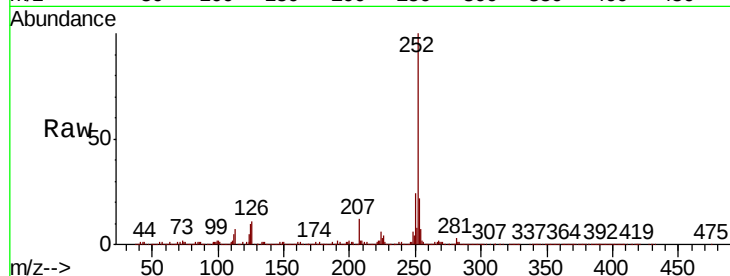
Tgt Ion:252 Resp: 2399882

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.9 7.3 10.9



#90

Benzo(a)pyrene

Concen: 19.632 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

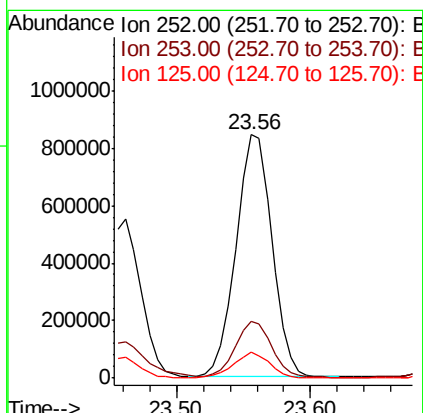
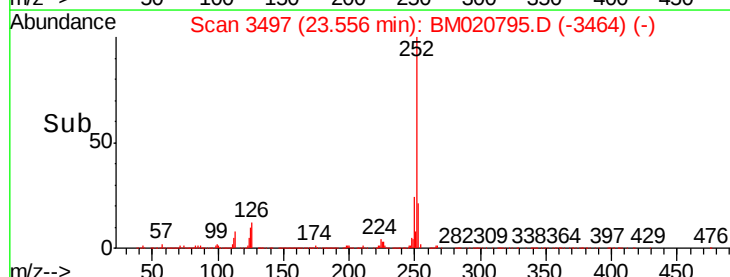
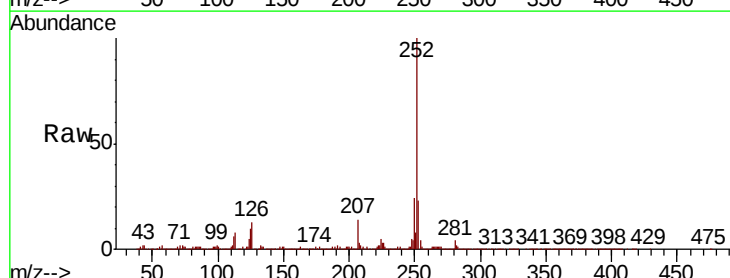
Tgt Ion:252 Resp: 1577241

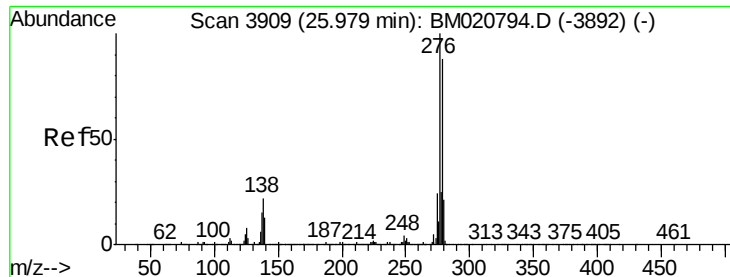
Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 10.4 8.2 12.4



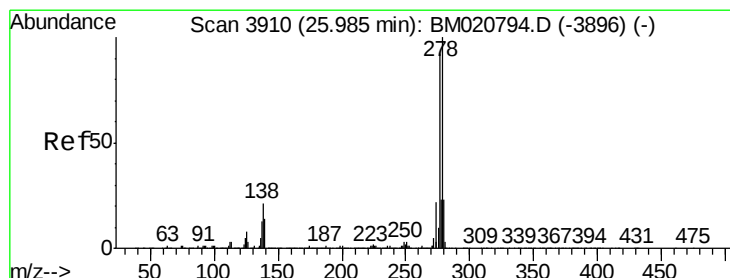
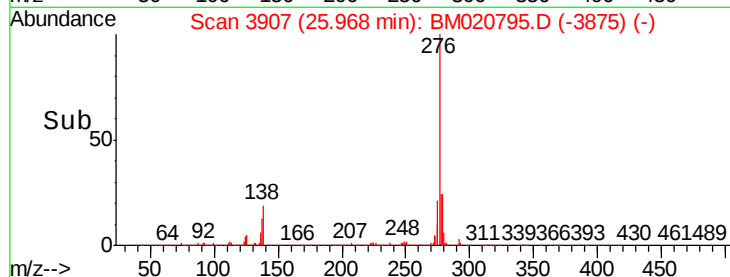
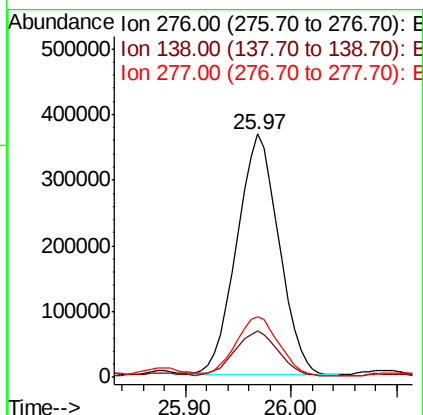
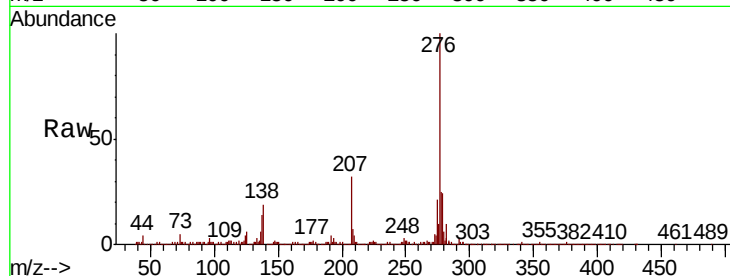


#91

Indeno(1,2,3-cd)pyrene
Concen: 10.707 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Instrument :
BNA_M
ClientSampleId :
C0AC6

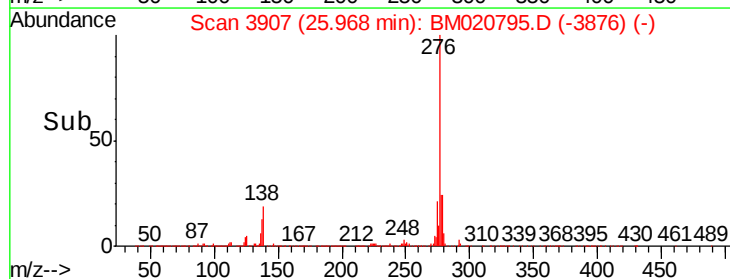
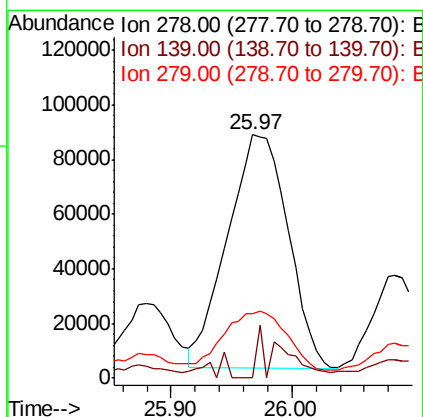
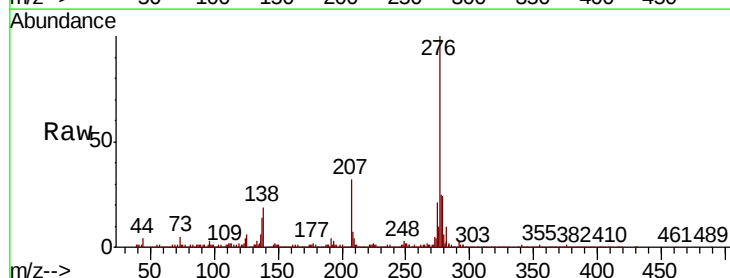
Tgt Ion:276 Resp: 1016029
Ion Ratio Lower Upper
276 100
138 19.2 17.8 26.8
277 24.7 20.0 30.0

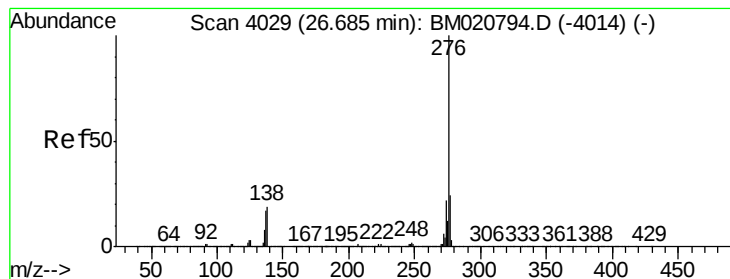


#92

Dibenzo(a,h)anthracene
Concen: 3.708 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020795.D
Acq: 07 Jun 2019 09:40

Tgt Ion:278 Resp: 298118
Ion Ratio Lower Upper
278 100
139 0.0 11.6 17.4#
279 26.6 18.6 28.0





#93

Benzo(g,h,i)perylene

Concen: 9.858 ng/ul

RT: 26.69 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM020795.D

Acq: 07 Jun 2019 09:40

Instrument :

BNA_M

ClientSampleId :

C0AC6

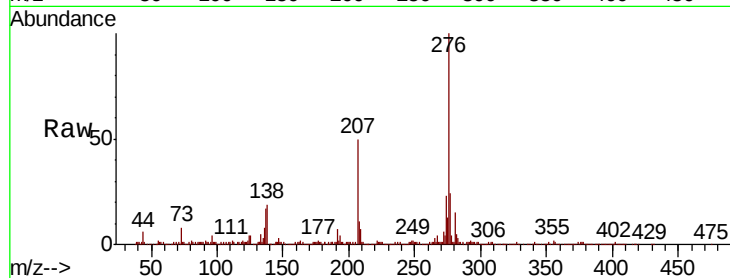
Tgt Ion: 276 Resp: 758910

Ion Ratio Lower Upper

276 100

138 19.3 16.6 25.0

277 24.2 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

