

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM053119\
 Data File : BM020638.D
 Acq On : 31 May 2019 20:11
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Jun 01 03:54:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.83
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.63
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.47
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.22
76) Chrysene-d12	21.39	240	1220	20.00	ng	-0.01
87) Perylene-d12	23.66	264	414	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	19.83	244	1539	21.10	ng	-0.01

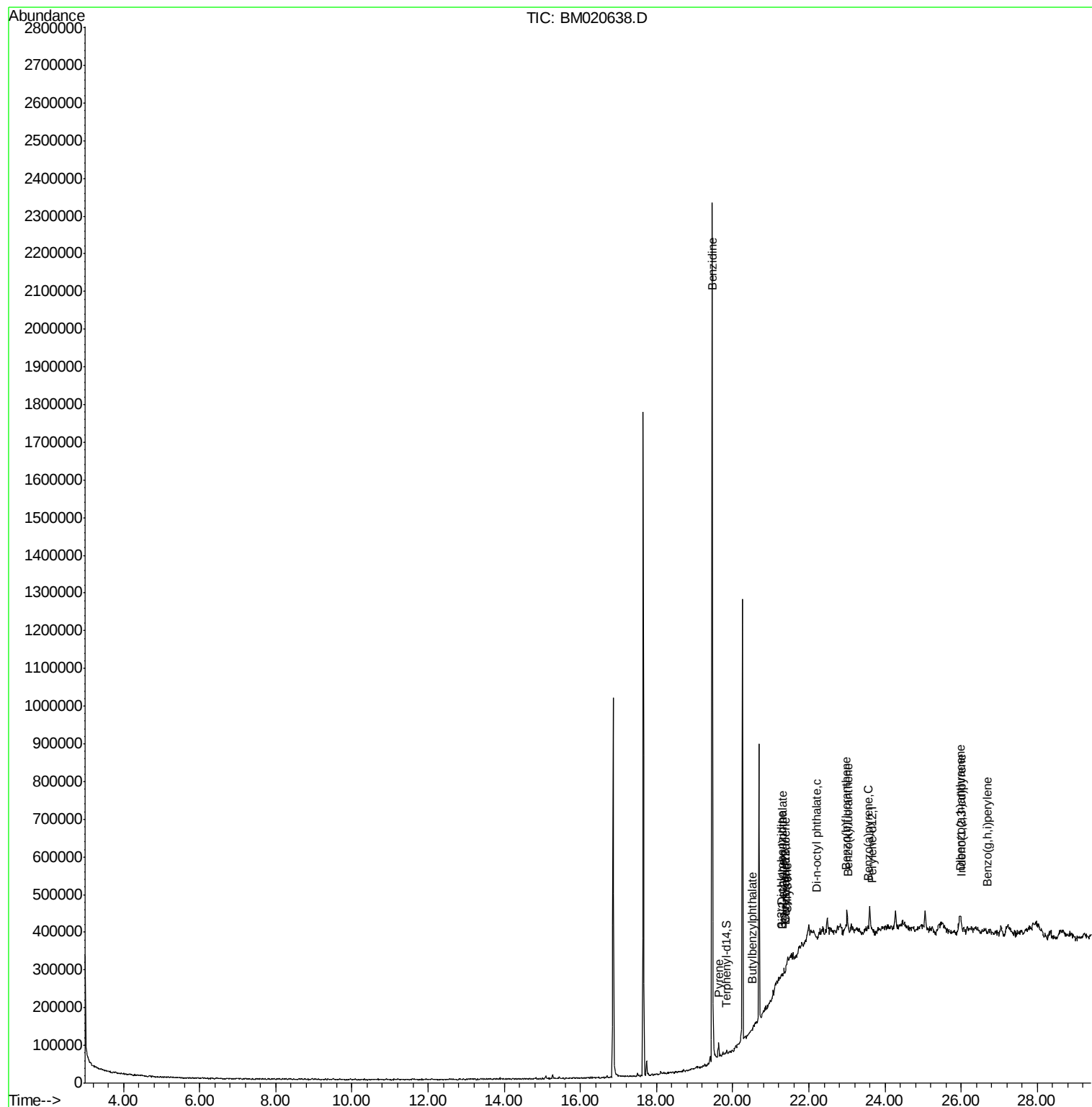
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
77) Benzidine	19.46	184	1239172	33520.861	ng	99
78) Pyrene	19.64	202	2048	21.875	ng	# 44
80) Butylbenzylphthalate	20.52	149	503	12.713	ng	# 90
81) Benzo(a)anthracene	21.37	228	1936	22.787	ng	# 10
82) 3,3'-Dichlorobenzidine	21.30	252	492	15.814	ng	# 1
83) Chrysene	21.43	228	2279	28.220	ng	# 40
84) Bis(2-ethylhexyl)phthalate	21.31	149	1163	20.225	ng	# 63
85) Di-n-octyl phthalate	22.20	149	310	3.396	ng	# 1
86) Indeno(1,2,3-cd)pyrene	26.01	276	196	2.372	ng	# 1
88) Benzo(b)fluoranthene	22.99	252	858	31.356	ng	# 1
89) Benzo(k)fluoranthene	23.03	252	894	33.433	ng	# 1
90) Benzo(a)pyrene	23.56	252	108	4.351	ng	# 1
91) Dibenzo(a,h)anthracene	25.99	278	683	28.365	ng	# 1
92) Benzo(g,h,i)perylene	26.69	276	547	24.457	ng	# 18

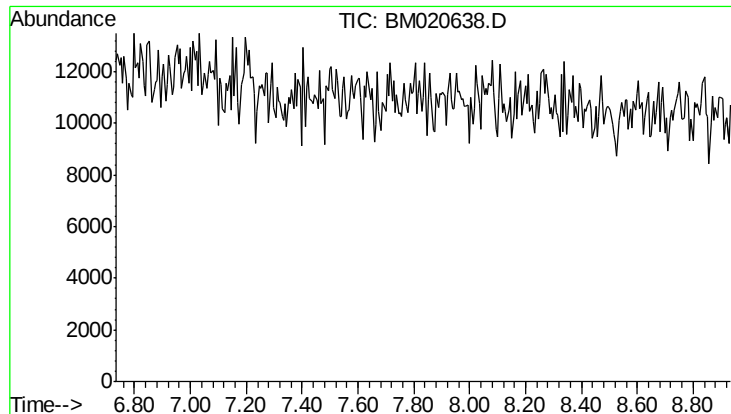
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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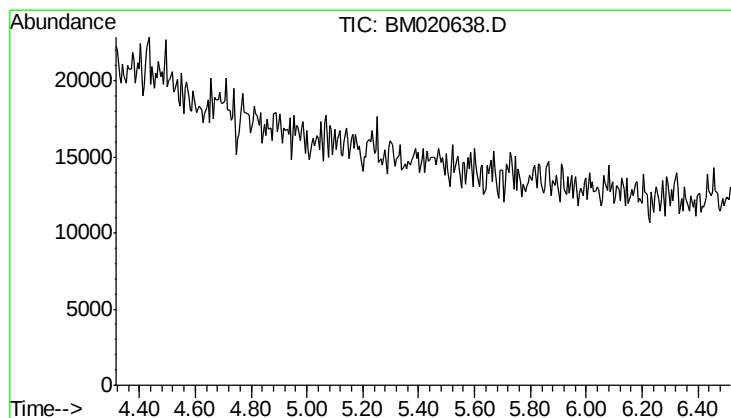
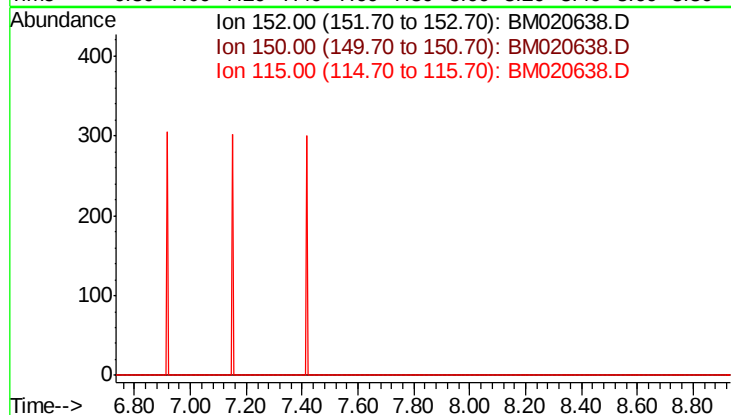




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 7.83 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

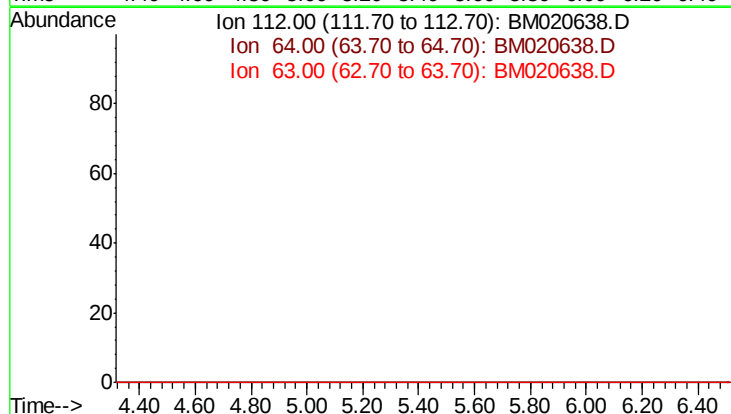
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

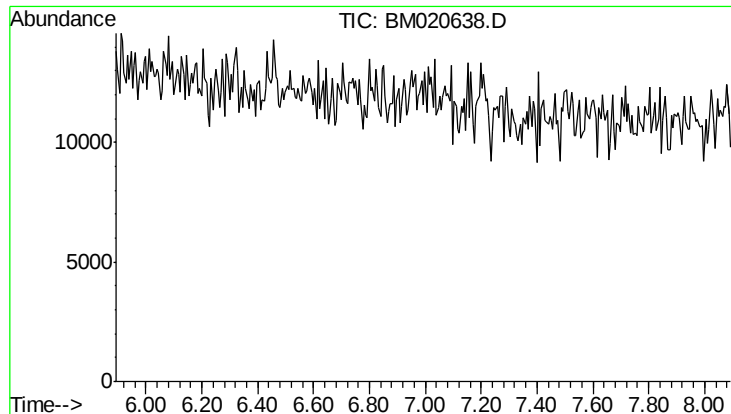
Tgt Ion	Sig	Exp Ratio
152	100	
150	157.5	
115	62.0	



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

Tgt Ion	Sig	Exp Ratio
112	100	
64	62.1	
63	33.0	





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.99 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

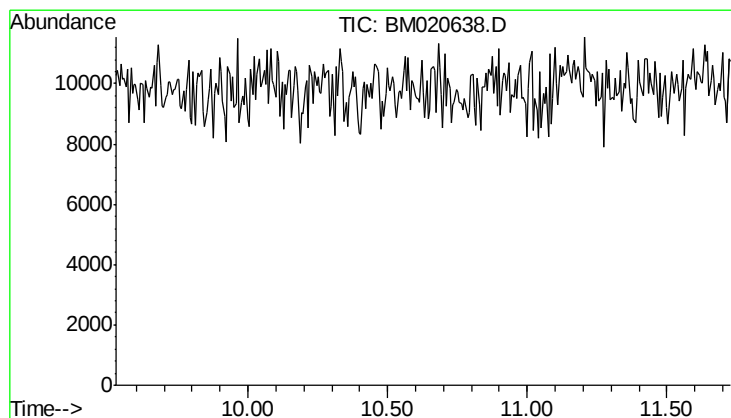
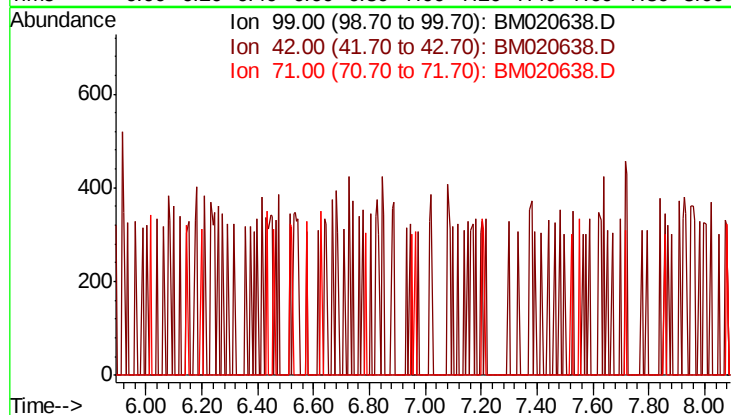
Tgt Ion: 99

Sig Exp Ratio

99 100

42 20.6

71 38.4



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.63 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Tgt Ion: 136

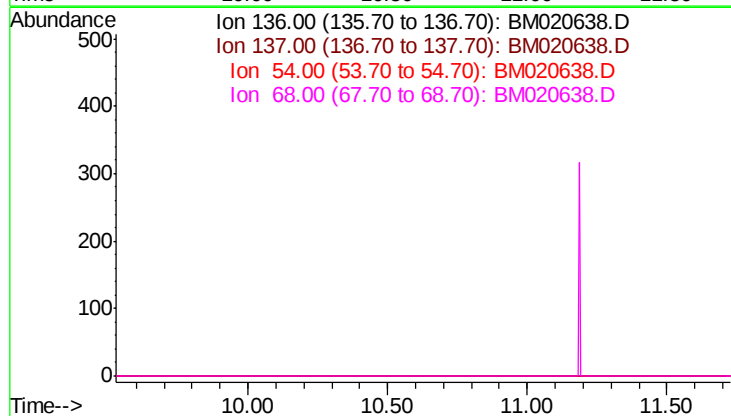
Sig Exp Ratio

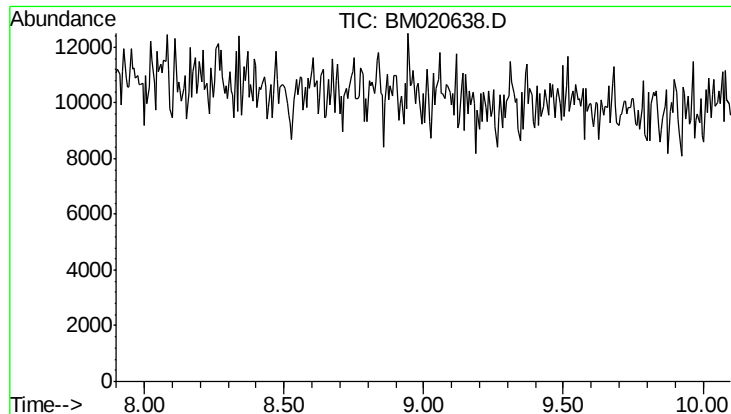
136 100

137 11.0

54 8.3

68 6.4

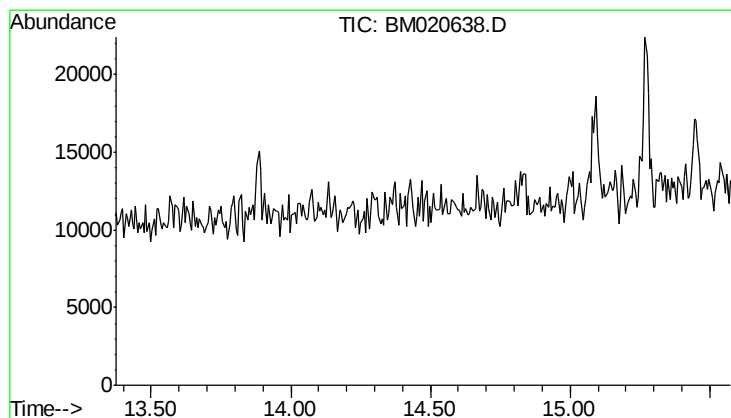
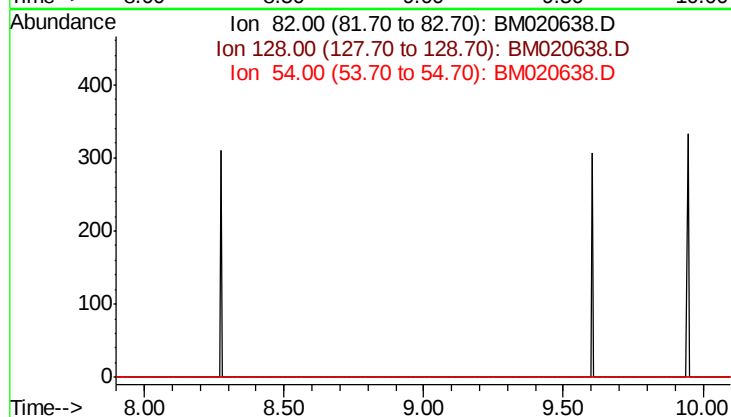




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.00 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

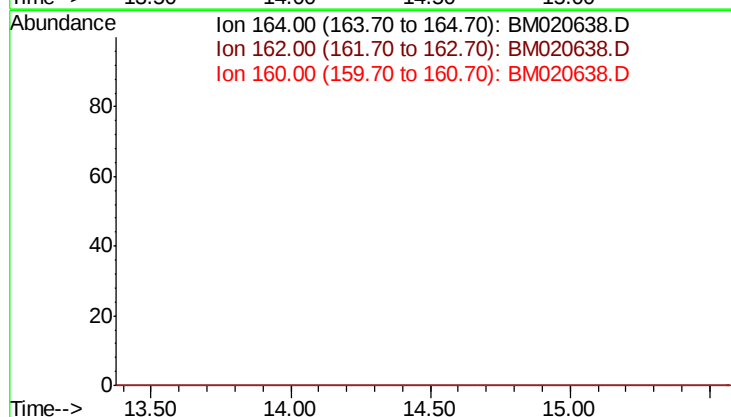
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

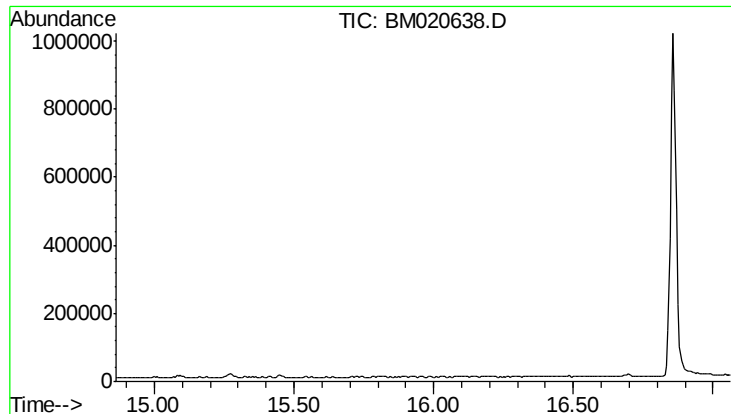
Tgt Ion	Exp Ratio
82	100
128	39.4
54	49.2



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.47 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

Tgt Ion	Exp Ratio
164	100
162	104.0
160	46.9

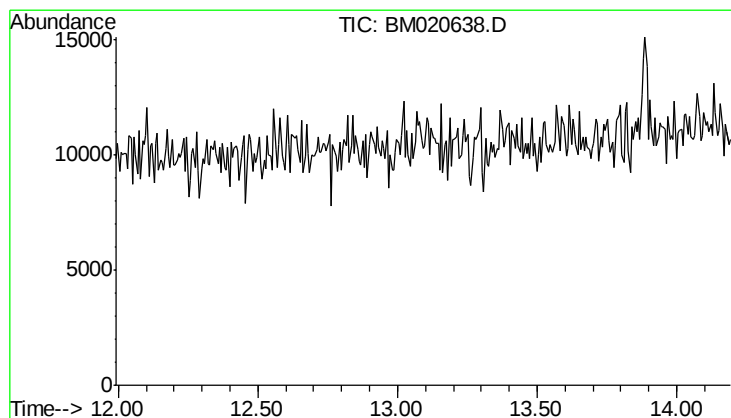
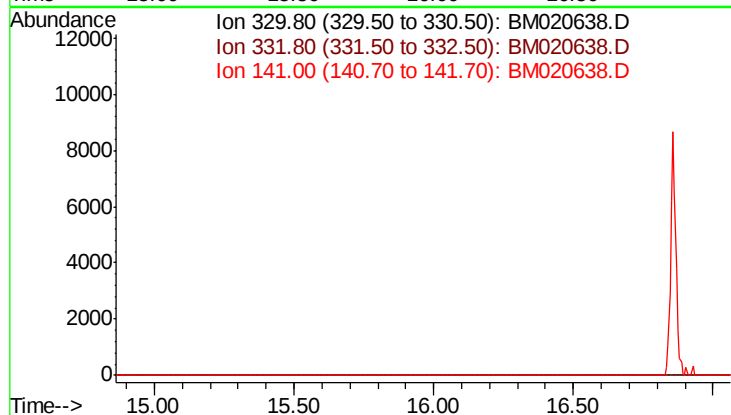




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.96 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

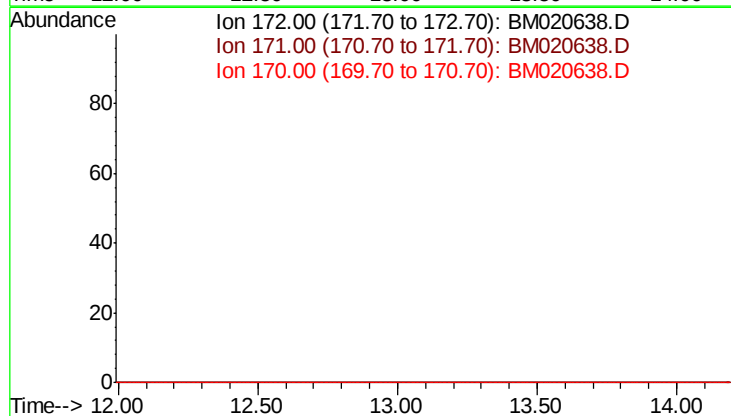
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

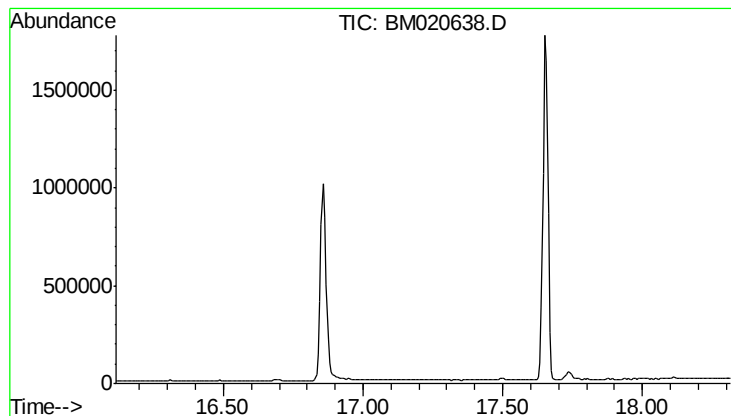
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.7
 141 38.0



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.09 min
 Lab File: BM020638.D
 Acq: 31 May 2019 20:11

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.8
 170 23.6





#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.22 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

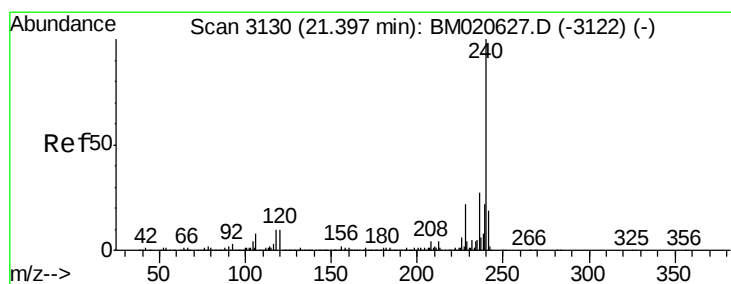
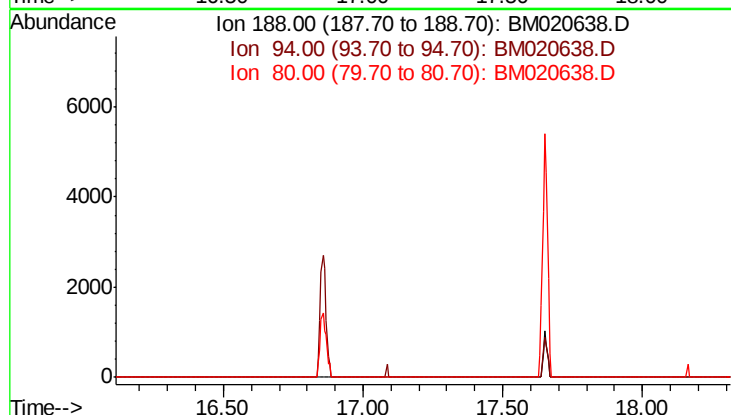
Tgt Ion: 188

Sig Exp Ratio

188 100

94 9.8

80 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

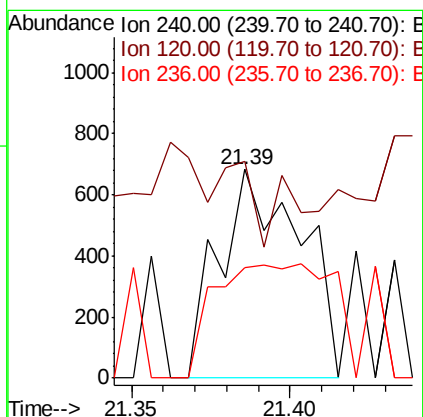
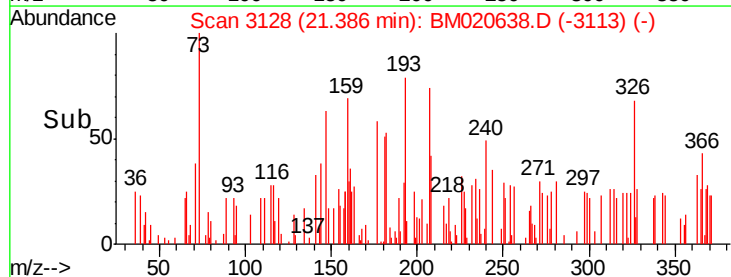
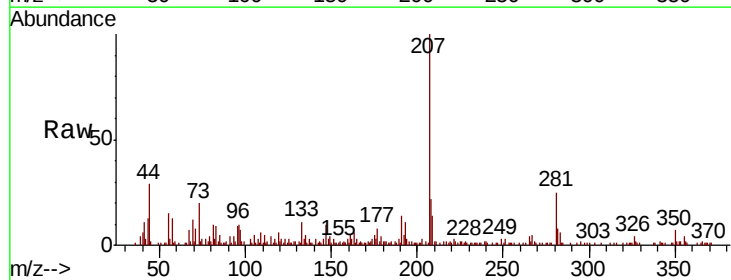
Tgt Ion: 240 Resp: 1220

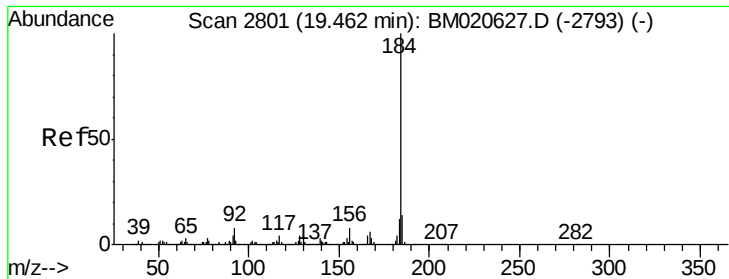
Ion Ratio Lower Upper

240 100

120 103.8 8.2 12.2#

236 53.1 21.2 31.8#





#77

Benzidine

Concen: 33520.861 ng

RT: 19.46 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

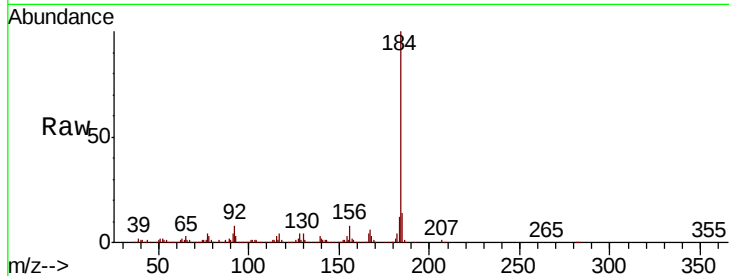
Tgt Ion:184 Resp: 1239172

Ion Ratio Lower Upper

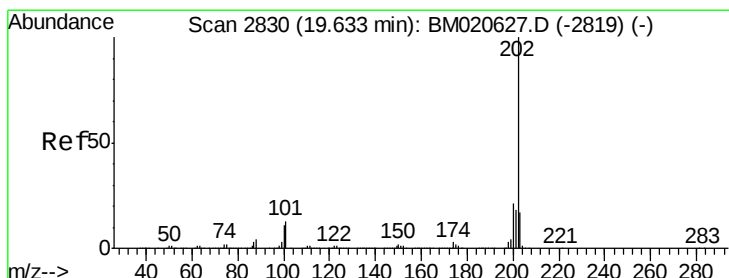
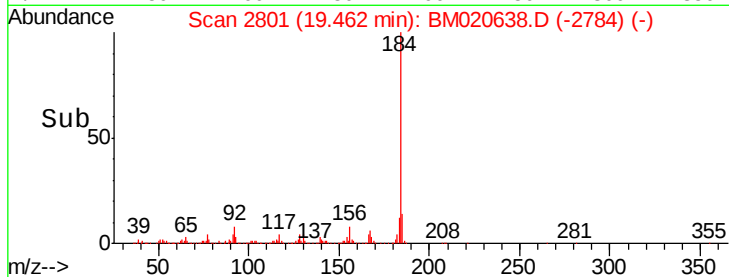
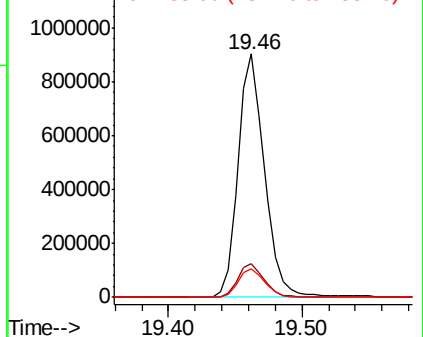
184 100

185 13.9 11.3 16.9

183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.875 ng

RT: 19.64 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

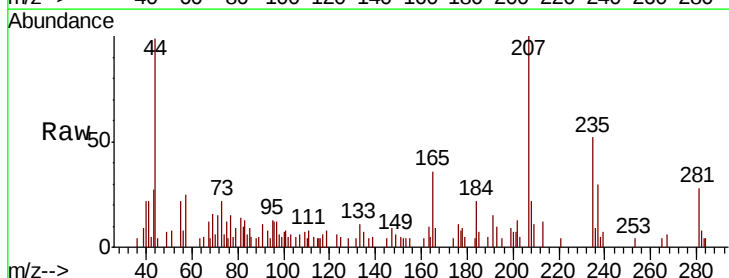
Tgt Ion:202 Resp: 2048

Ion Ratio Lower Upper

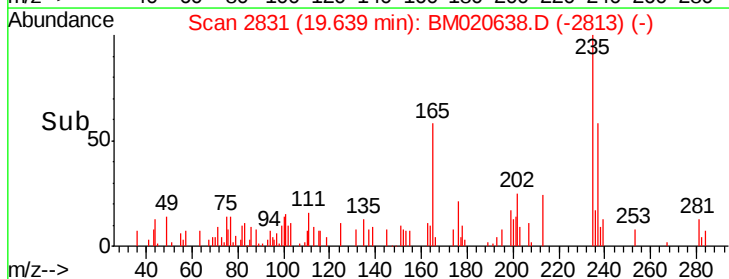
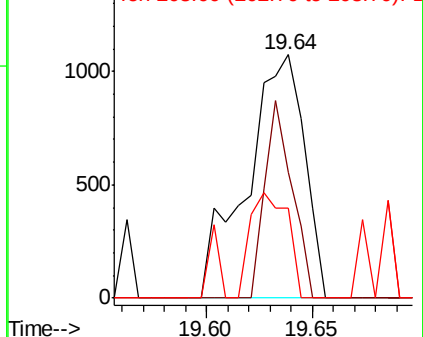
202 100

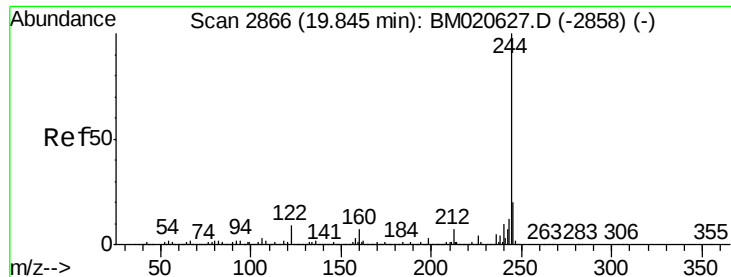
200 51.6 16.8 25.2#

203 36.7 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 21.100 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampled :

DFTPP

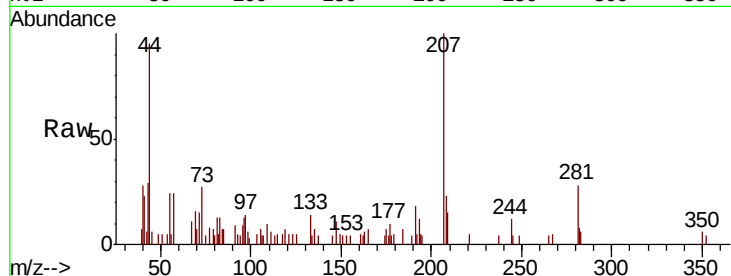
Tgt Ion:244 Resp: 1539

Ion Ratio Lower Upper

244 100

212 0.0 5.7 8.5#

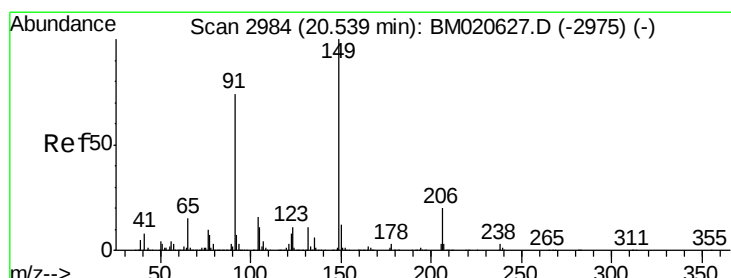
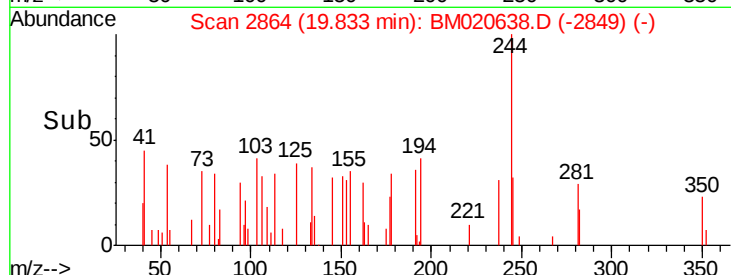
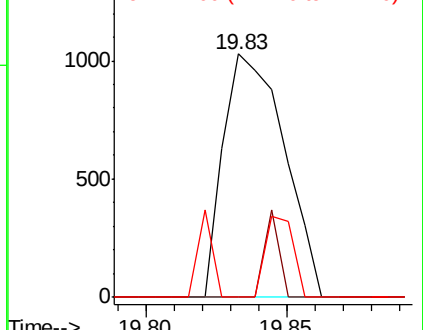
122 0.0 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 12.713 ng

RT: 20.52 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

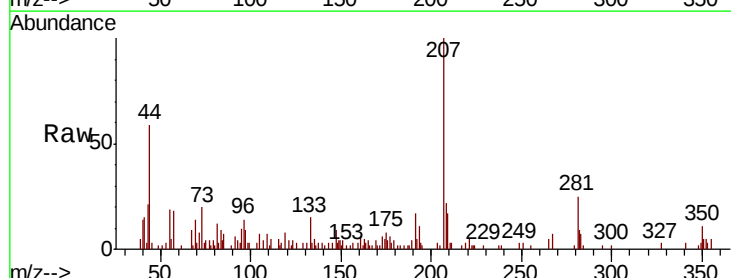
Tgt Ion:149 Resp: 503

Ion Ratio Lower Upper

149 100

91 75.9 59.6 89.4

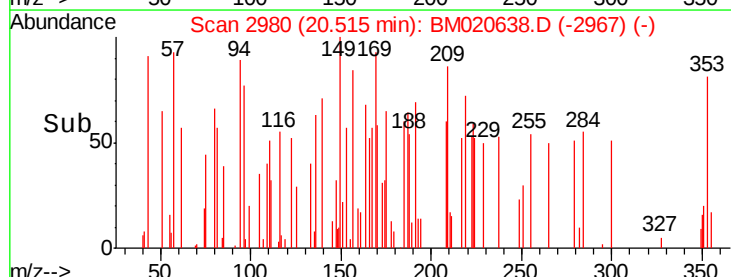
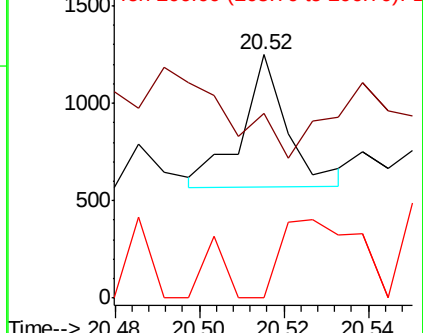
206 0.0 15.7 23.5#

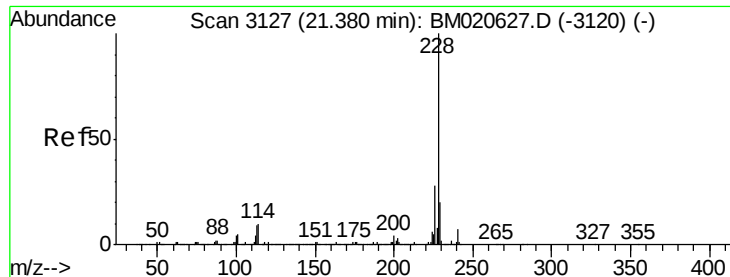


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 22.787 ng

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

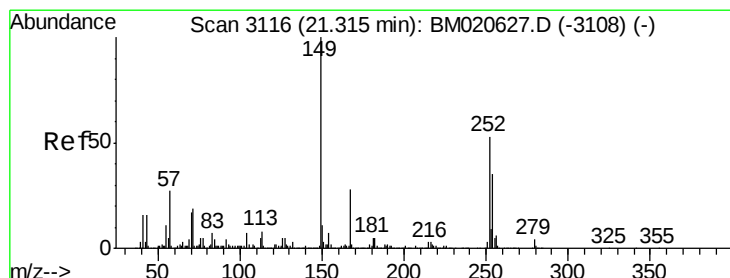
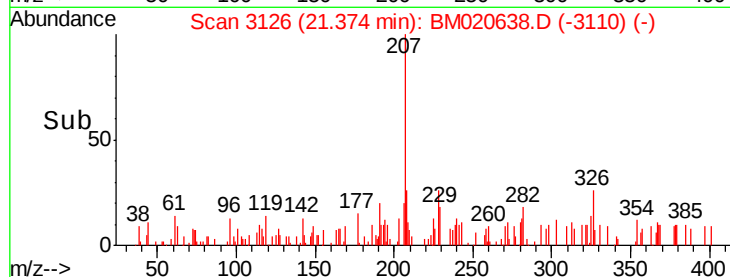
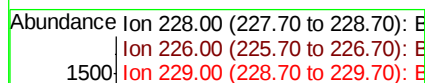
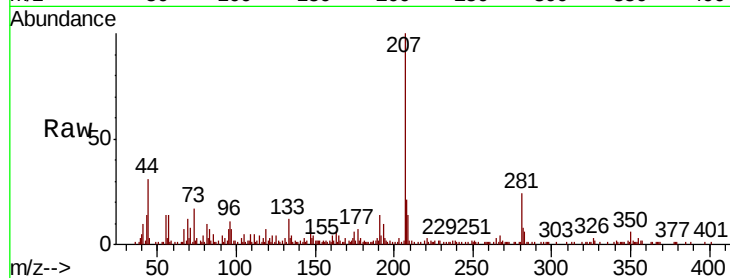
Tgt Ion:228 Resp: 1936

Ion Ratio Lower Upper

228 100

226 68.6 22.3 33.5#

229 68.7 15.9 23.9#



#82

3,3'-Dichlorobenzidine

Concen: 15.814 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

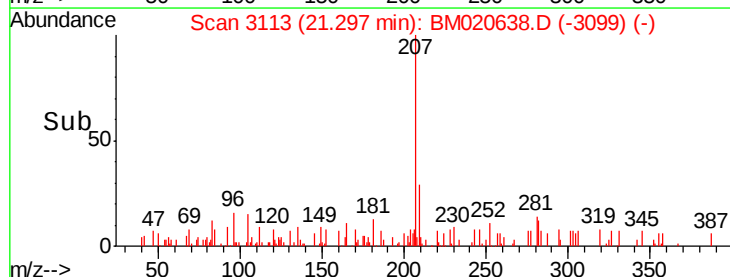
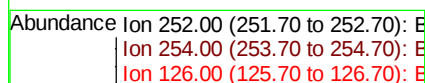
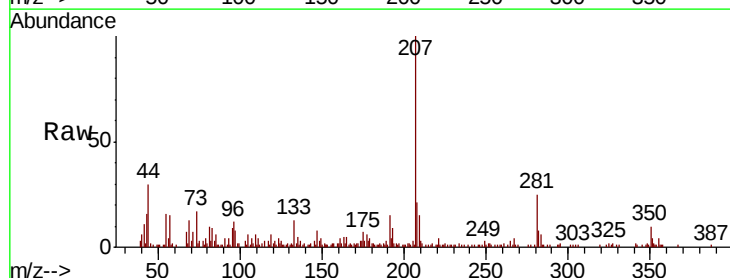
Tgt Ion:252 Resp: 492

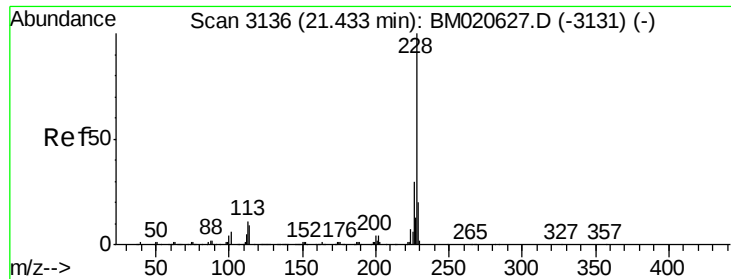
Ion Ratio Lower Upper

252 100

254 0.0 52.6 78.8#

126 87.4 8.0 12.0#





#83

Chrysene

Concen: 28.220 ng

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

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ClientSampleId :

DFTPP

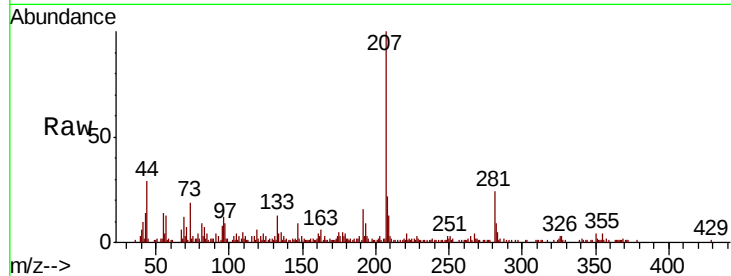
Tgt Ion: 228 Resp: 2279

Ion Ratio Lower Upper

228 100

226 53.2 24.2 36.2#

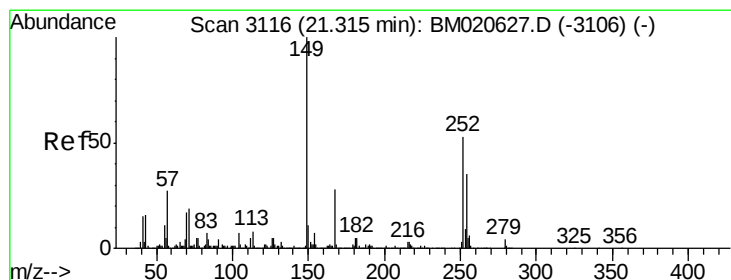
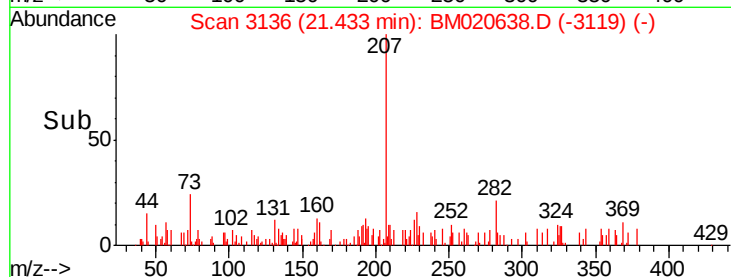
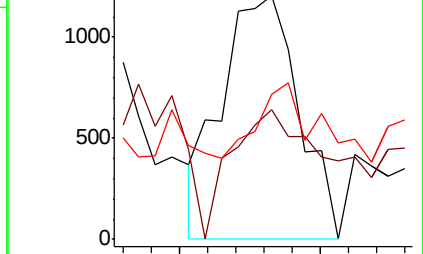
229 59.8 15.8 23.6#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.225 ng

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

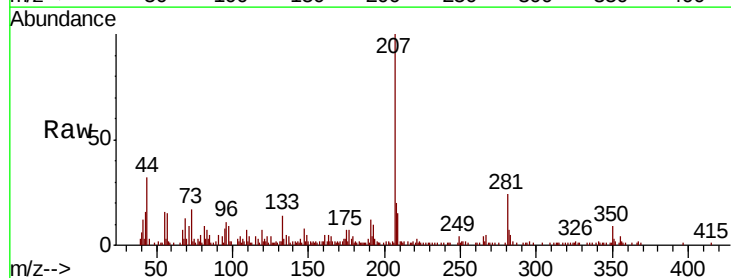
Tgt Ion: 149 Resp: 1163

Ion Ratio Lower Upper

149 100

167 45.9 22.1 33.1#

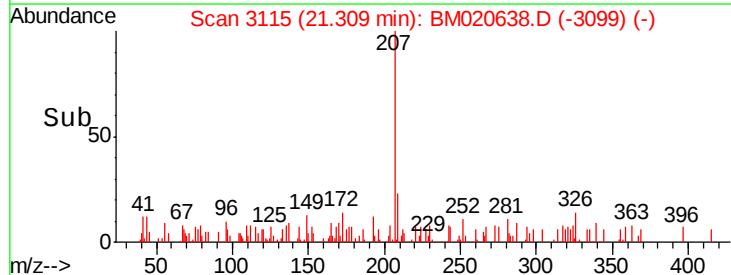
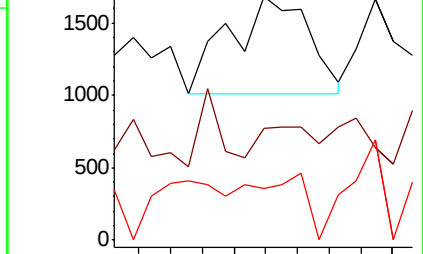
279 21.2 3.4 5.0#

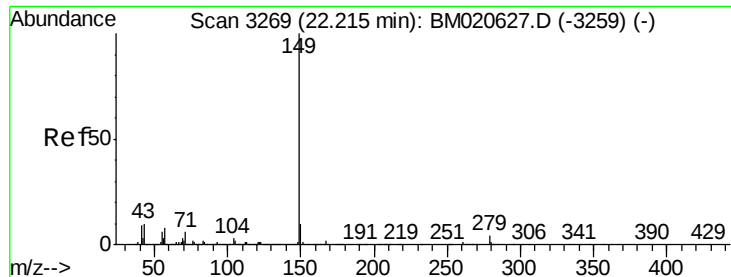


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

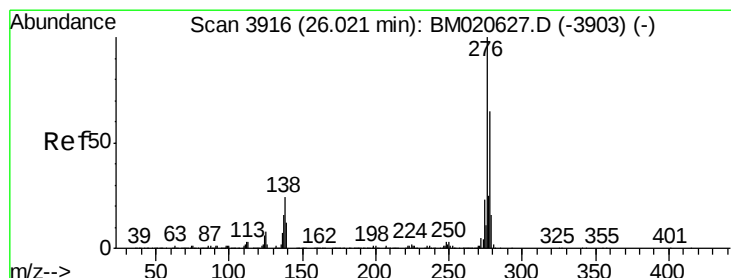
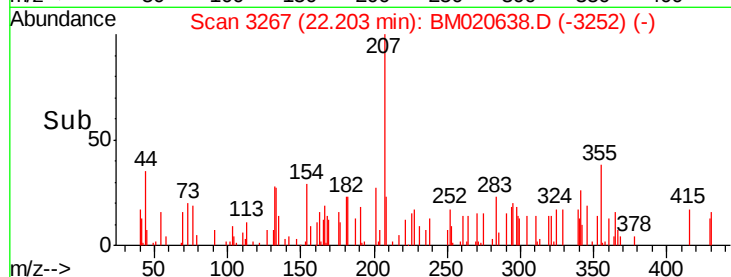
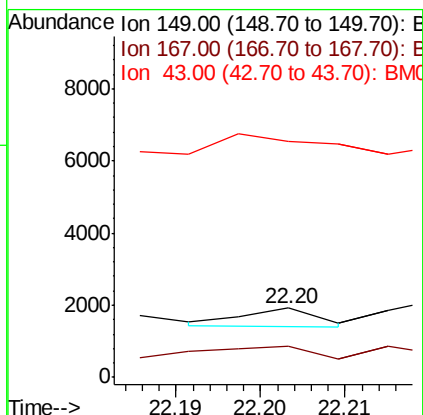
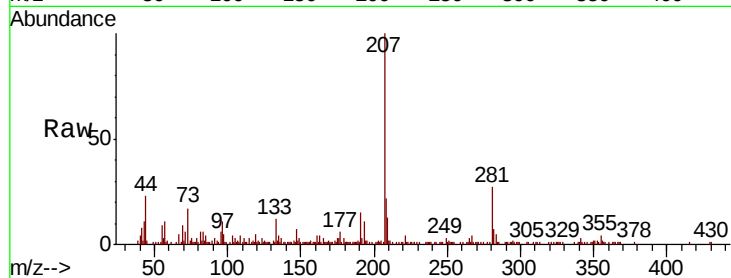




#85
Di-n-octyl phthalate
Concen: 3.396 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BM020638.D
Acq: 31 May 2019 20:11

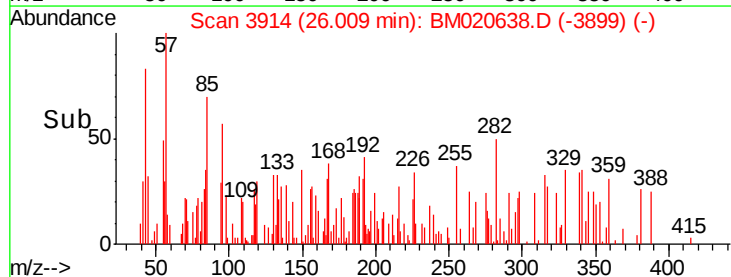
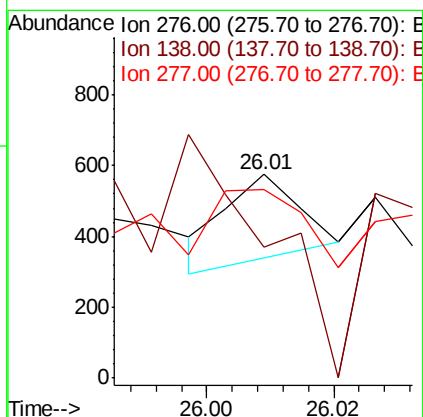
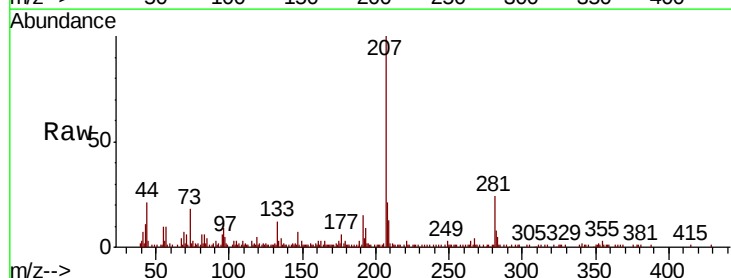
Instrument :
BNA_M
ClientSampleId :
DFTPP

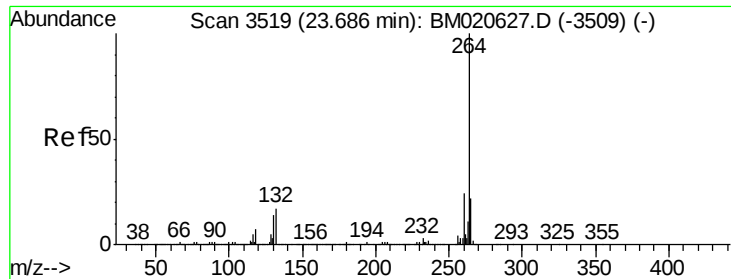
Tgt Ion:149 Resp: 310
Ion Ratio Lower Upper
149 100
167 91.0 1.3 1.9#
43 278.4 8.2 12.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM020638.D
Acq: 31 May 2019 20:11

Tgt Ion:276 Resp: 196
Ion Ratio Lower Upper
276 100
138 521.9 19.8 29.8#
277 255.6 20.2 30.4#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3514

Delta R.T. -0.03 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

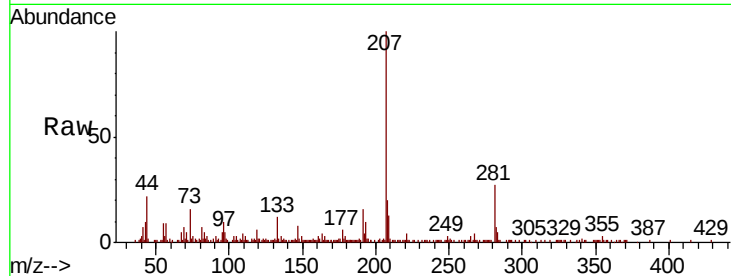
Tgt Ion:264 Resp: 414

Ion Ratio Lower Upper

264 100

260 75.0 19.2 28.8#

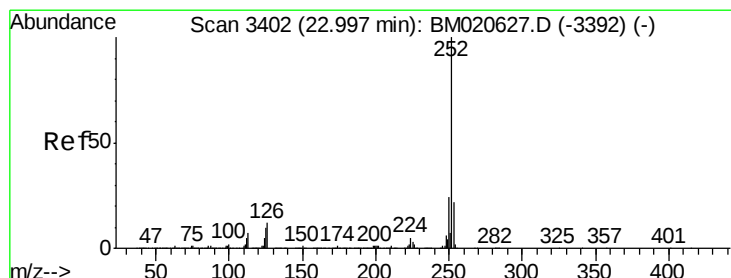
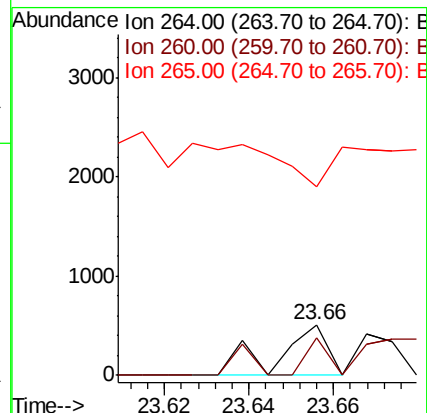
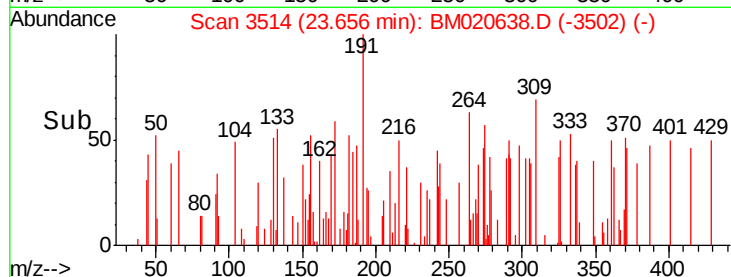
265 375.1 17.6 26.4#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.356 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

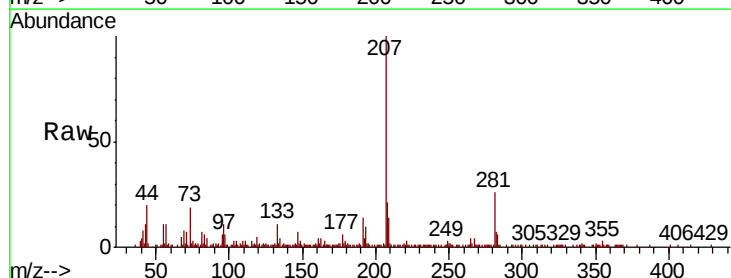
Tgt Ion:252 Resp: 858

Ion Ratio Lower Upper

252 100

253 105.6 17.4 26.2#

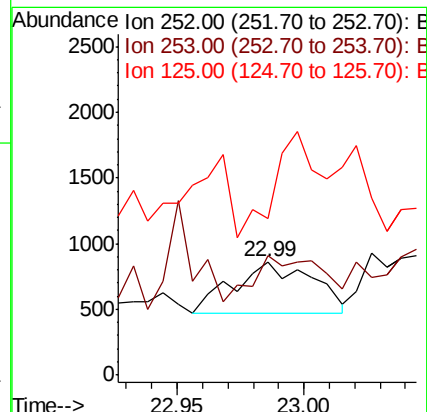
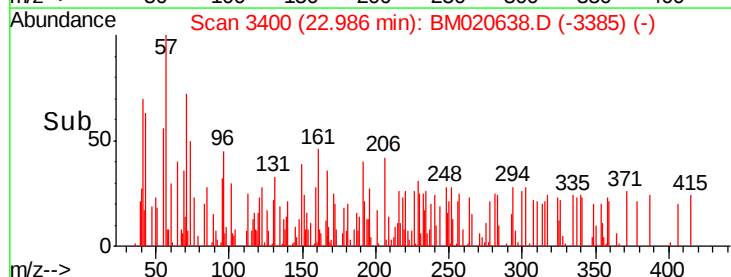
125 138.6 7.8 11.8#

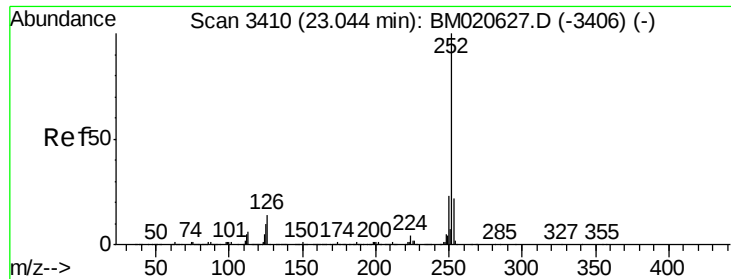


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 33.433 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampleId :

DFTPP

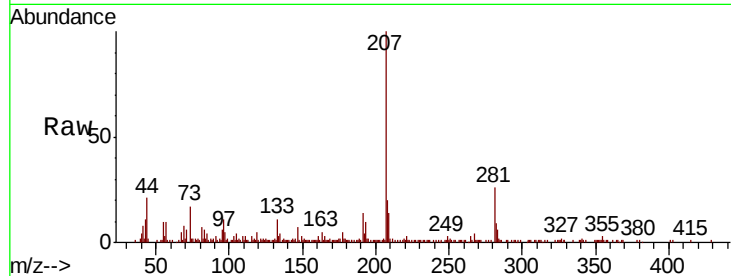
Tgt Ion: 252 Resp: 894

Ion Ratio Lower Upper

252 100

253 79.8 17.4 26.2#

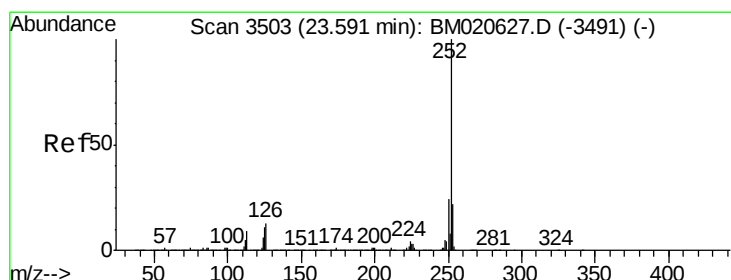
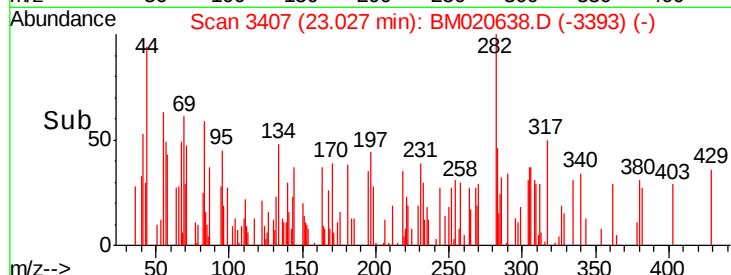
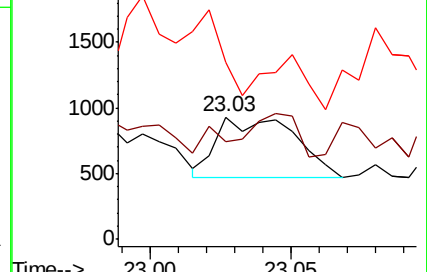
125 144.4 7.8 11.8#



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: 4.351 ng

RT: 23.56 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

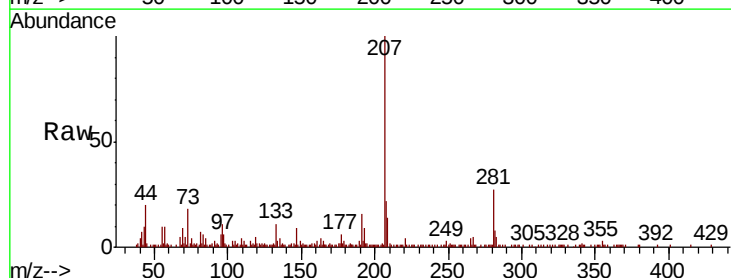
Tgt Ion: 252 Resp: 108

Ion Ratio Lower Upper

252 100

253 135.8 17.5 26.3#

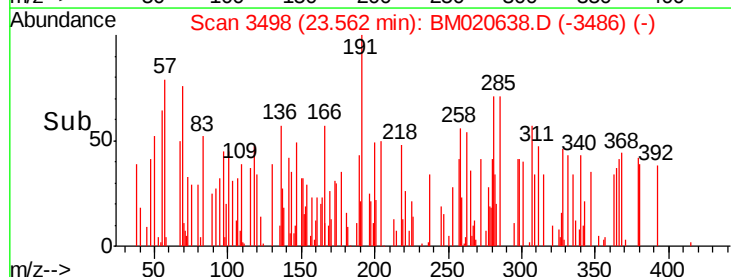
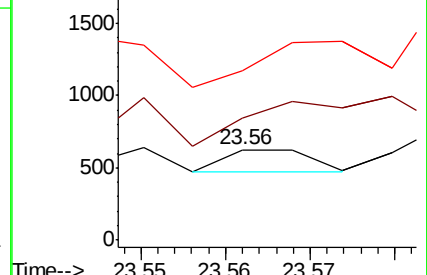
125 188.1 8.6 13.0#

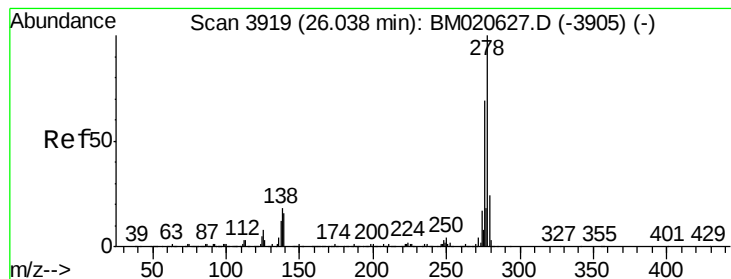


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 28.365 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.05 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

Instrument :

BNA_M

ClientSampled :

DFTPP

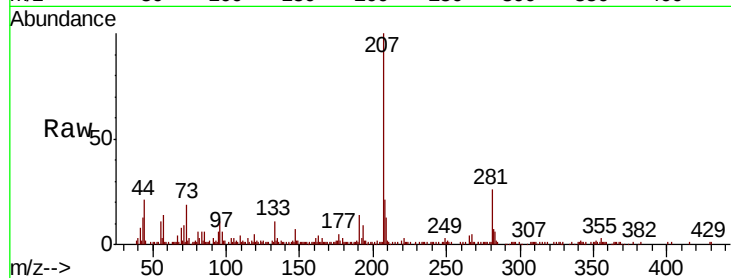
Tgt Ion:278 Resp: 683

Ion Ratio Lower Upper

278 100

139 85.8 12.6 18.8#

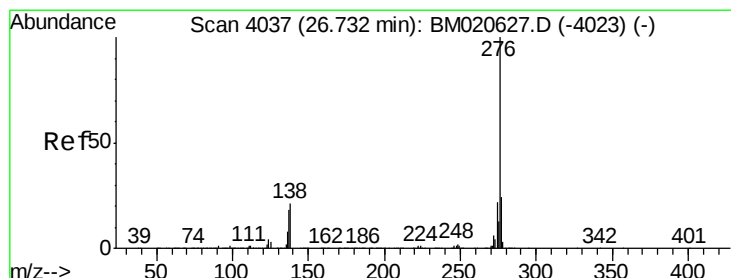
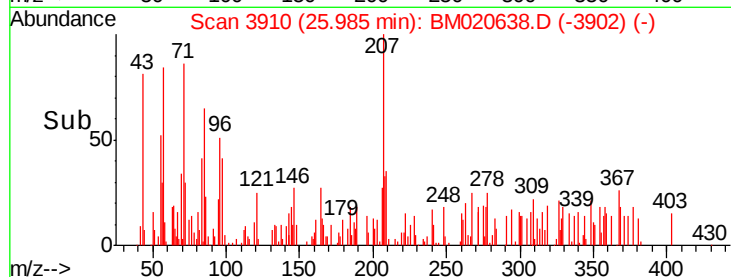
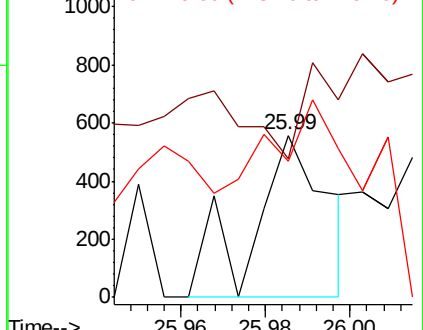
279 83.7 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 24.457 ng

RT: 26.69 min Scan# 4029

Delta R.T. -0.05 min

Lab File: BM020638.D

Acq: 31 May 2019 20:11

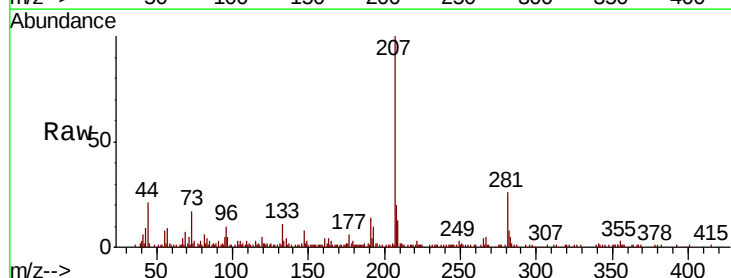
Tgt Ion:276 Resp: 547

Ion Ratio Lower Upper

276 100

277 80.6 19.2 28.8#

138 0.0 17.0 25.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

