

Data File : BM020563.D
Acq On : 25 May 2019 04:32
Operator : JU/SJ
Sample : K3008-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 25 06:45:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	86984	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	322675	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	231882	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	577229	20.00	ng	0.00
76) Chrysene-d12	21.26	240	458855	20.00	ng	-0.01
87) Perylene-d12	23.50	264	491110	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	193506	43.64	ng	0.00
7) Phenol-d6	6.84	99	297298	44.42	ng	0.00
23) Nitrobenzene-d5	8.83	82	203774	26.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	140858	30.32	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	532033	28.79	ng	0.00
79) Terphenyl-d14	19.70	244	888725	35.01	ng	0.00

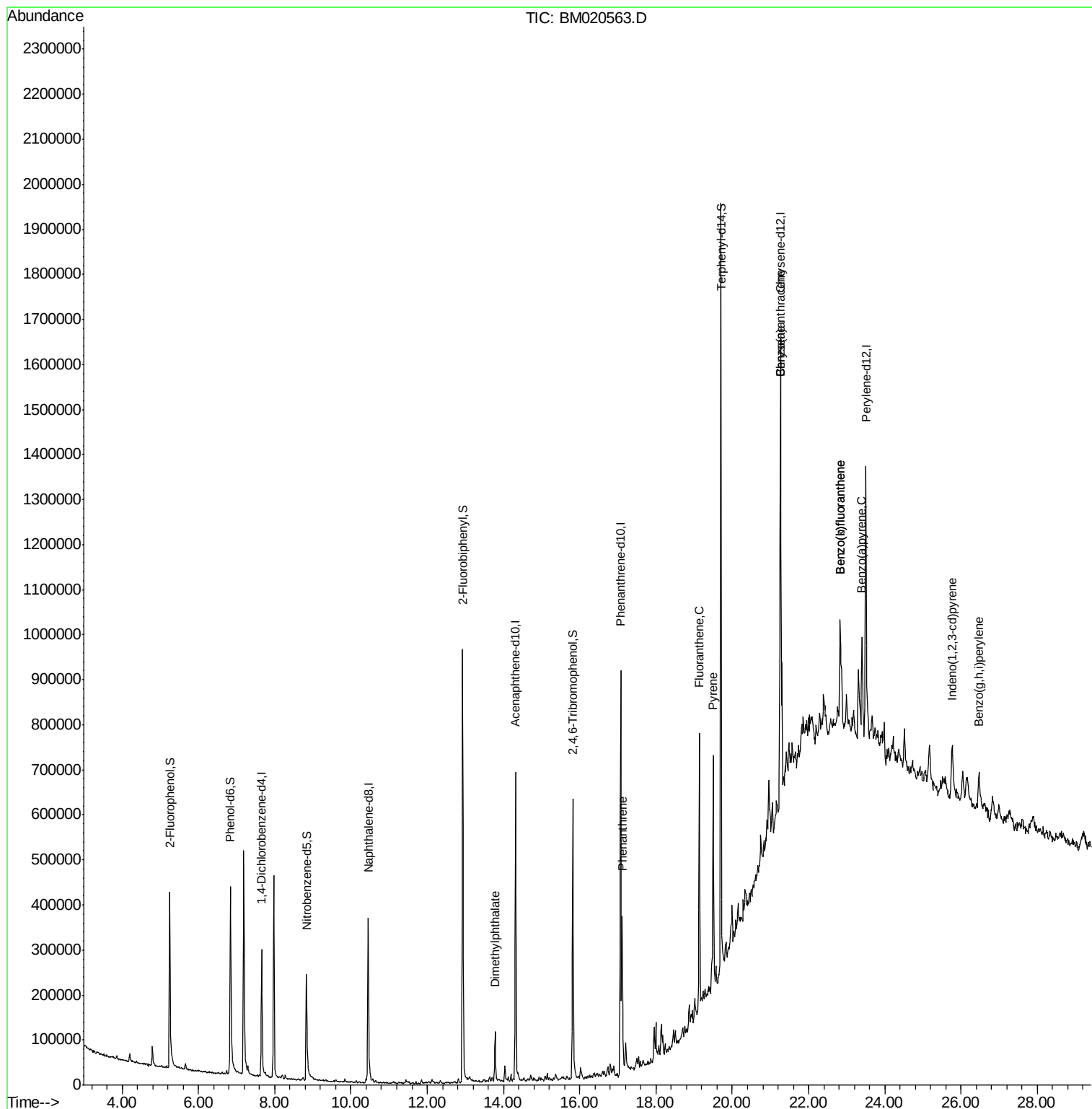
Target Compounds				Qvalue		
50) Dimethylphthalate	13.78	163	70975	3.456	ng	98
71) Phenanthrene	17.12	178	222599	7.099	ng	99
75) Fluoranthene	19.13	202	415768	9.534	ng	100
78) Pyrene	19.50	202	355528	12.342	ng	98
81) Benzo(a)anthracene	21.25	228	173555	5.465	ng	96
83) Chrysene	21.25	228	173427	5.652	ng	96
86) Indeno(1,2,3-cd)pyrene	25.77	276	114561	3.088	ng	# 95
88) Benzo(b)fluoranthene	22.83	252	292122	9.088	ng	# 92
89) Benzo(k)fluoranthene	22.83	252	296597	9.507	ng	# 93
90) Benzo(a)pyrene	23.40	252	157867	5.337	ng	# 91
92) Benzo(g,h,i)perylene	26.47	276	116750	4.160	ng	96

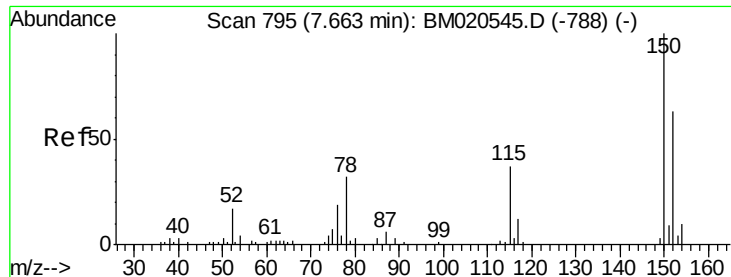
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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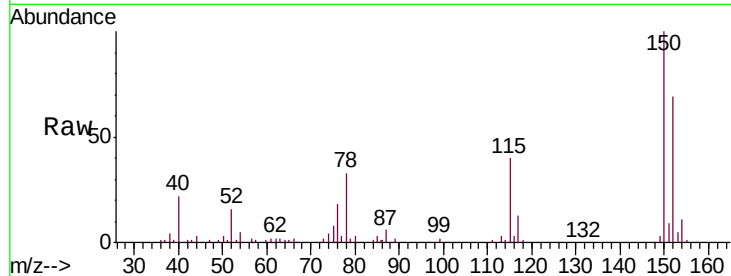


#1

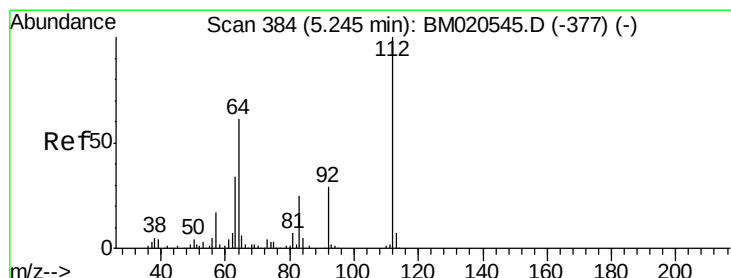
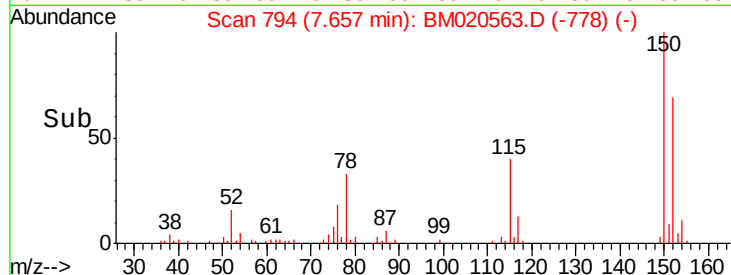
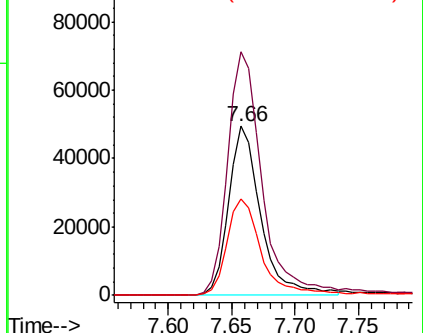
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Instrument :
BNA_M
ClientSampled :
DFTPP

Tgt Ion:152 Resp: 86984
Ion Ratio Lower Upper
152 100
150 144.0 126.6 190.0
115 57.0 46.6 70.0



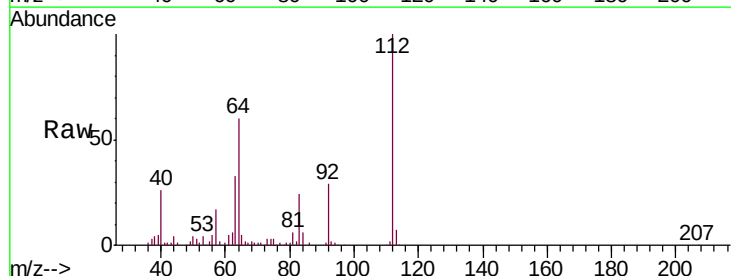
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



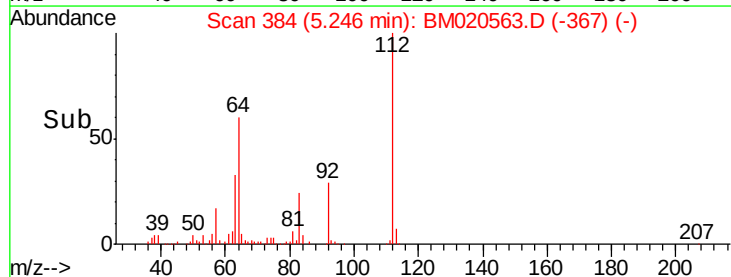
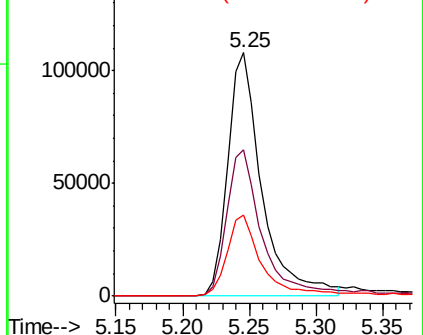
#5

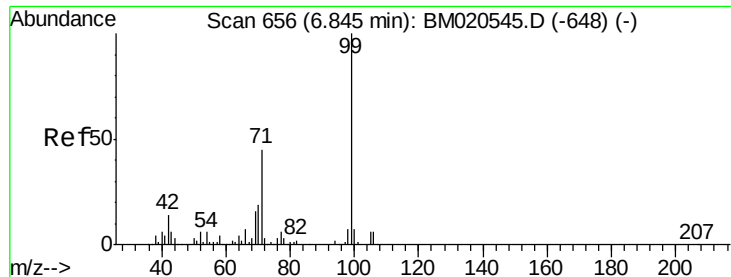
2-Fluorophenol
Concen: 43.643 ng
RT: 5.25 min Scan# 384
Delta R.T. 0.00 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:112 Resp: 193506
Ion Ratio Lower Upper
112 100
64 59.9 48.6 73.0
63 33.2 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 44.424 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

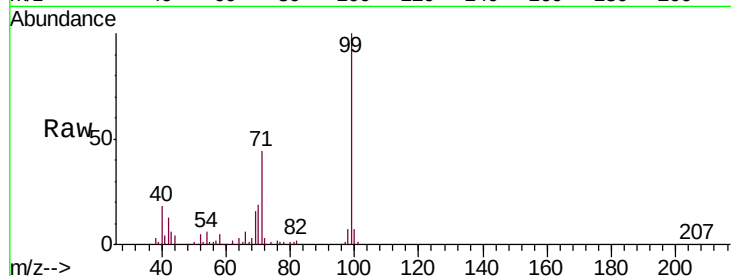
Tgt Ion: 99 Resp: 297298

Ion Ratio Lower Upper

99 100

42 13.1 10.8 16.2

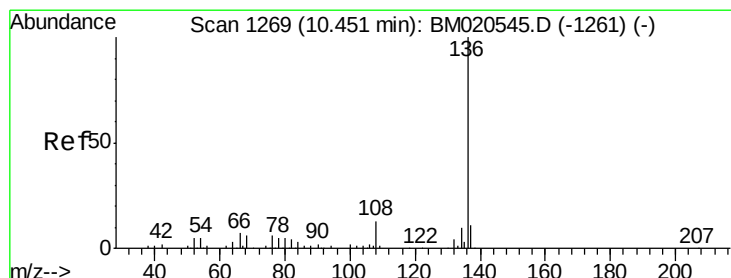
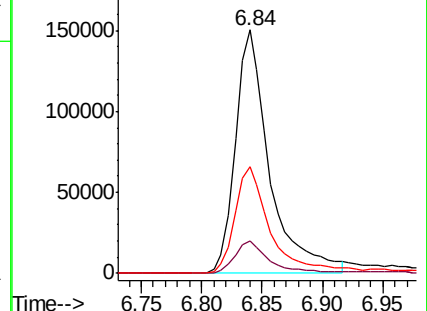
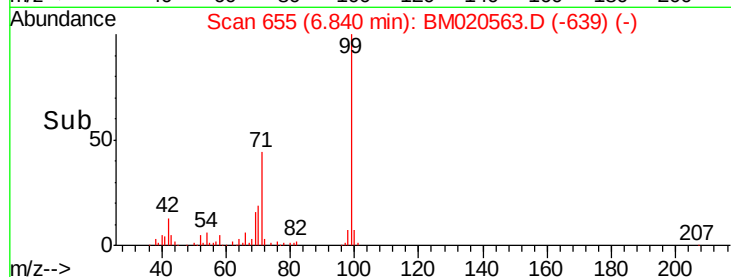
71 43.7 36.3 54.5



Abundance Ion 99.00 (98.70 to 99.70): BM020545.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM020545.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM020545.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Tgt Ion: 136 Resp: 322675

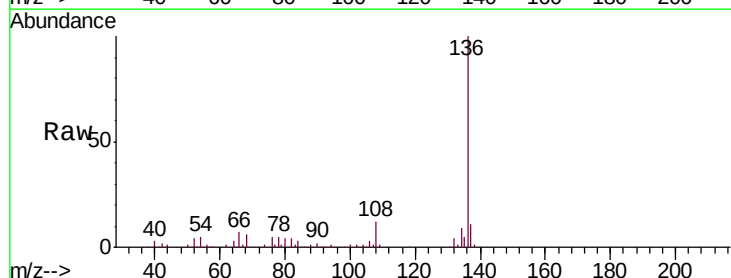
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 5.2 4.2 6.4

68 6.5 4.6 7.0

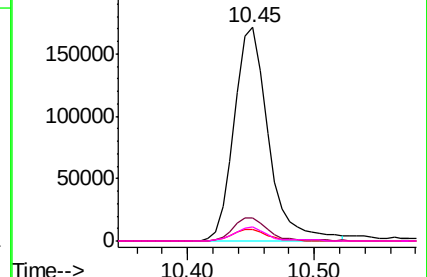
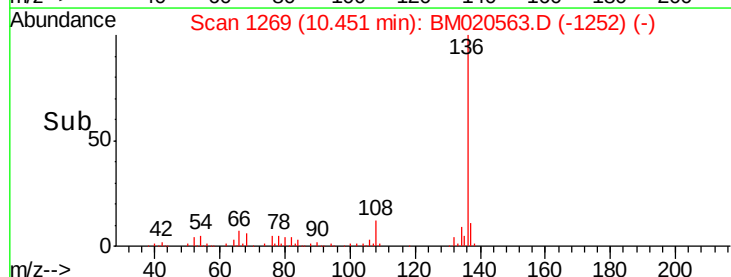


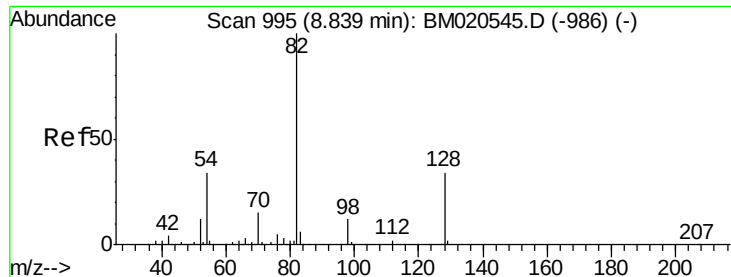
Abundance Ion 136.00 (135.70 to 136.70): BM020545.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM020545.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM020545.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM020545.D (-1261) (-)

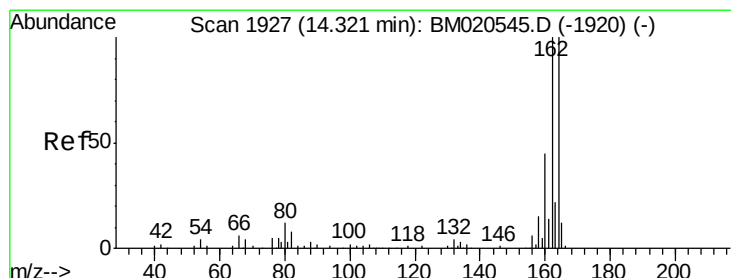
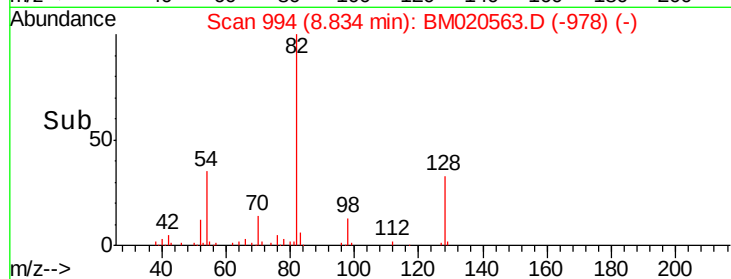
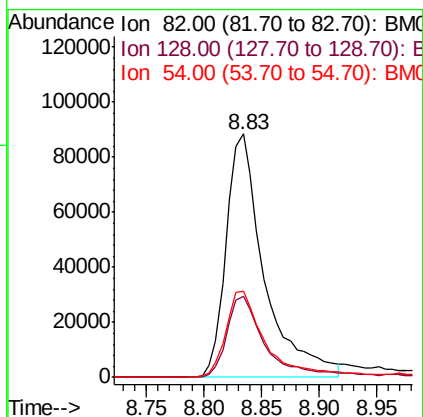
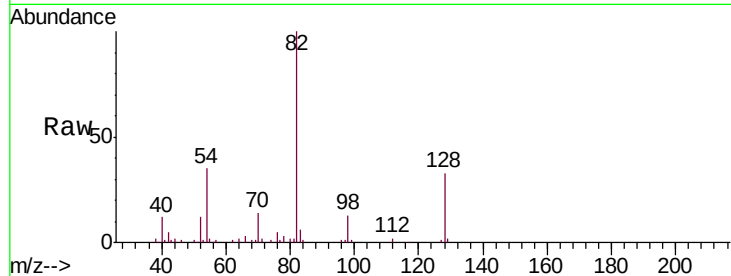




#23
Nitrobenzene-d5
Concen: 26.506 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

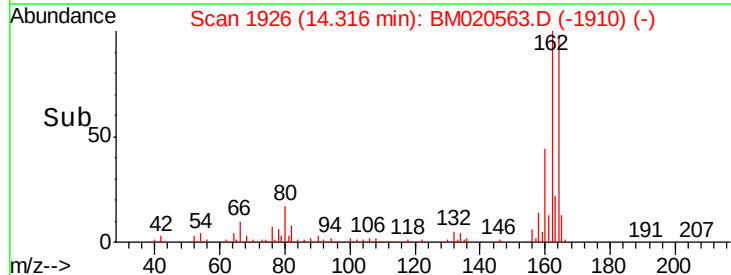
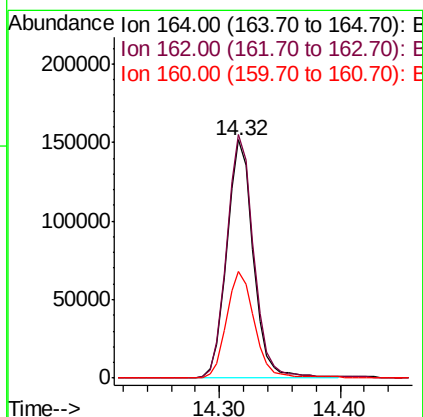
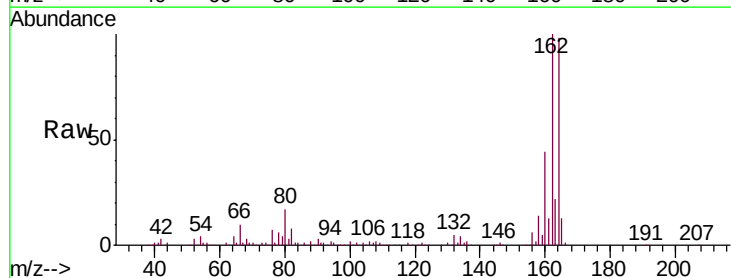
Instrument :
BNA_M
ClientSampleId :
DFTPP

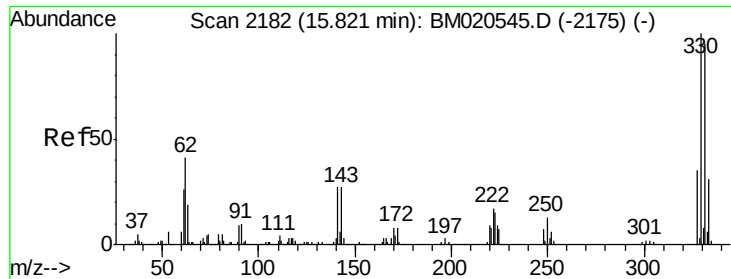
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.0	40.4
54	35.2	27.4	41.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	79.8	119.8
160	44.9	35.9	53.9

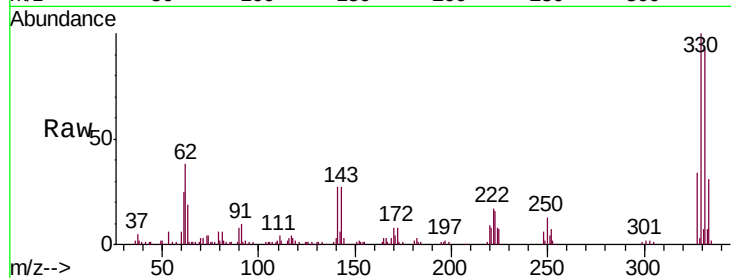




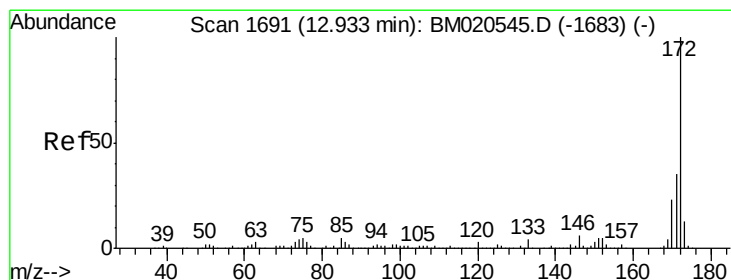
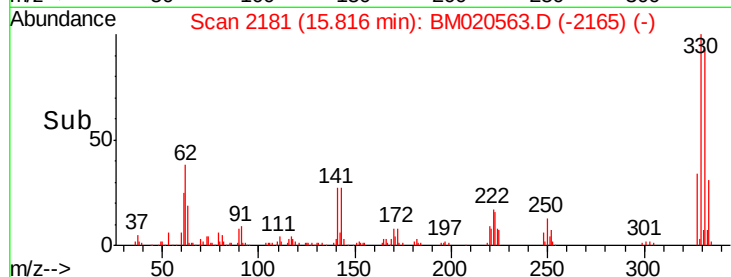
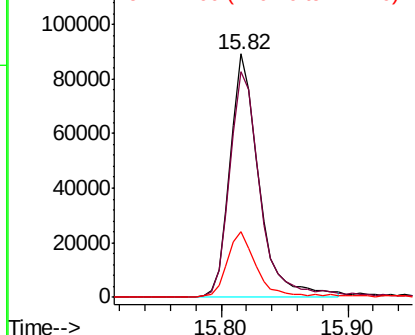
#42
 2,4,6-Tribromophenol
 Concen: 30.320 ng
 RT: 15.82 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BM020563.D
 Acq: 25 May 2019 04:32

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.5	116.3
141	26.9	21.7	32.5

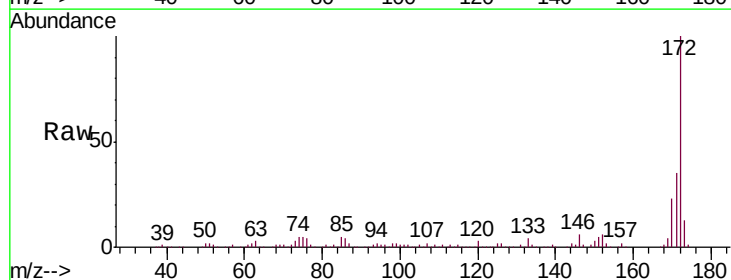


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

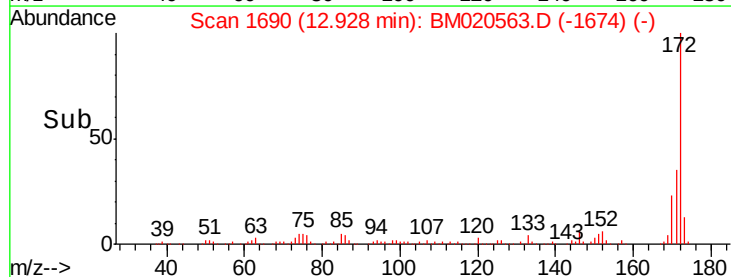
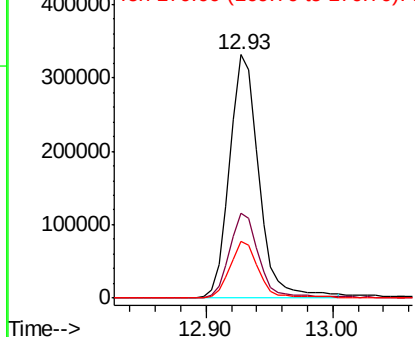


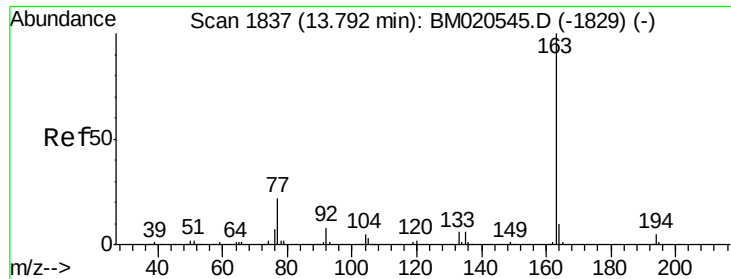
#45
 2-Fluorobiphenyl
 Concen: 28.790 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM020563.D
 Acq: 25 May 2019 04:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.9	41.9
170	23.2	18.2	27.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.456 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

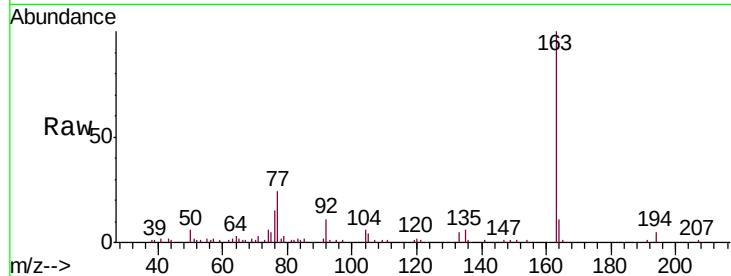
Tgt Ion:163 Resp: 70975

Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

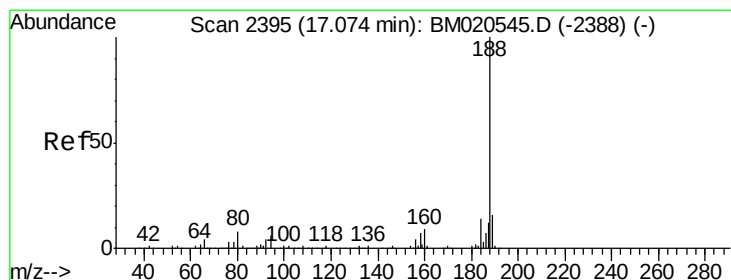
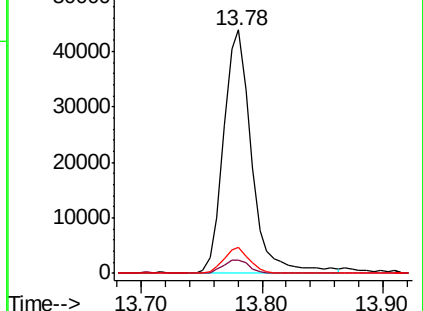
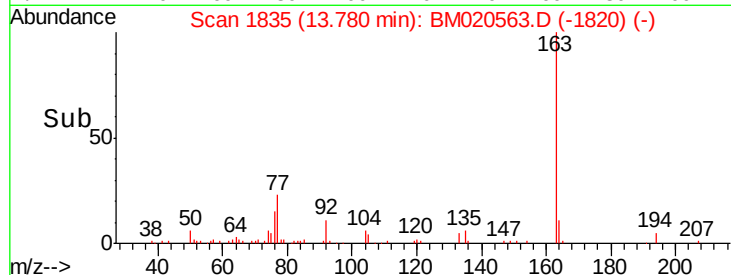
164 10.8 8.0 12.0



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

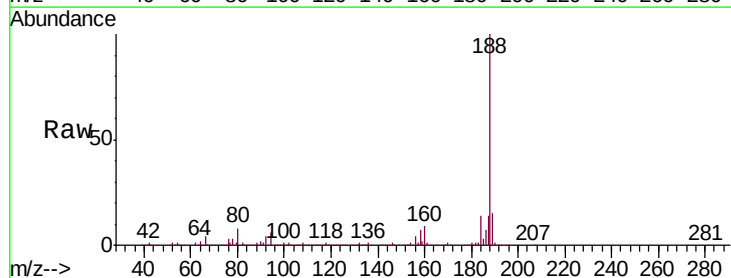
Tgt Ion:188 Resp: 577229

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

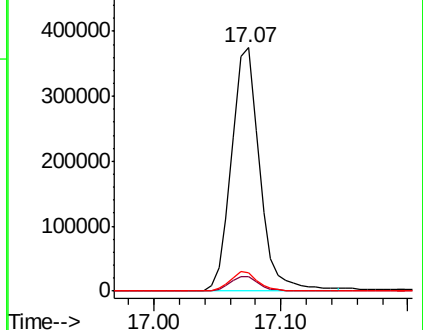
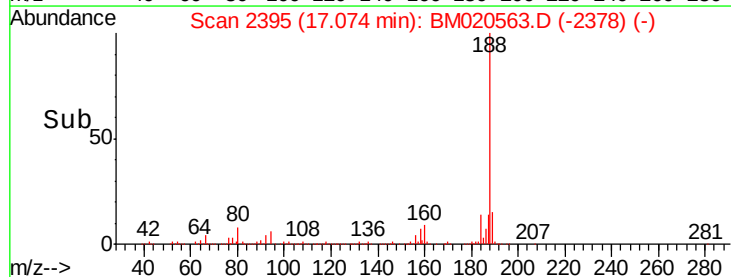
80 7.6 6.5 9.7

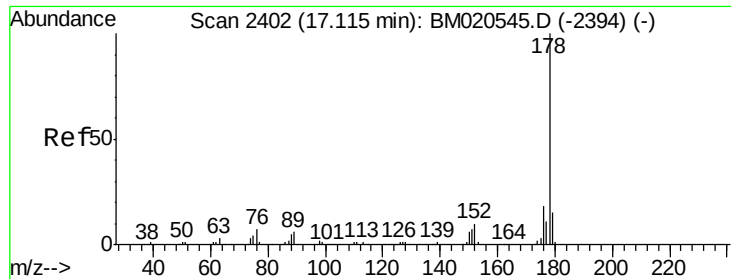


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#71

Phenanthrene

Concen: 7.099 ng

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

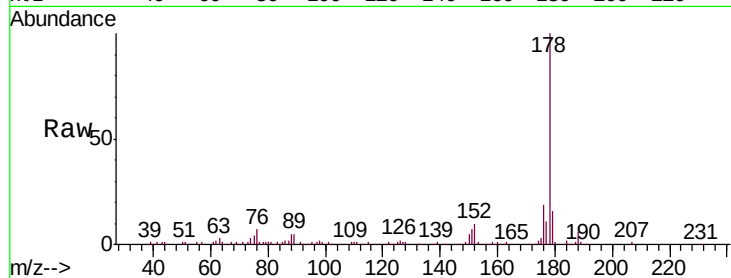
Tgt Ion:178 Resp: 222599

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

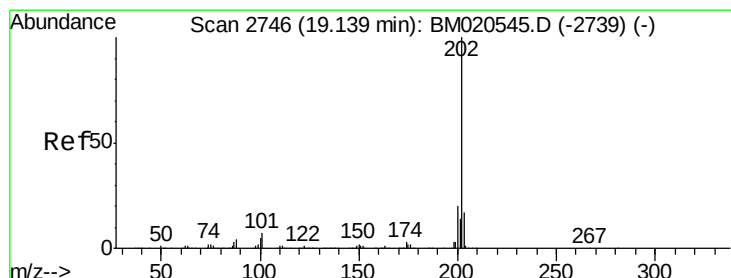
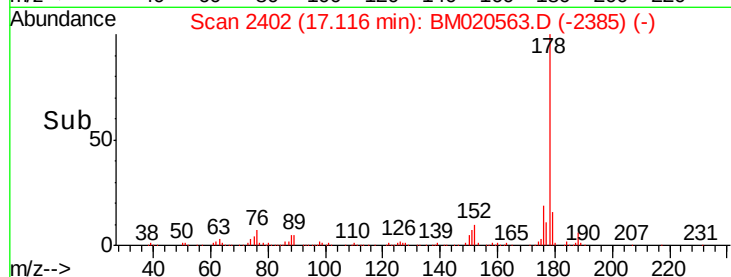
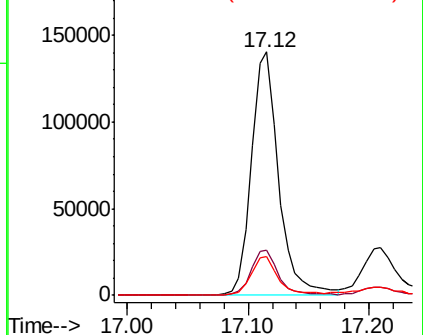
179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 9.534 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

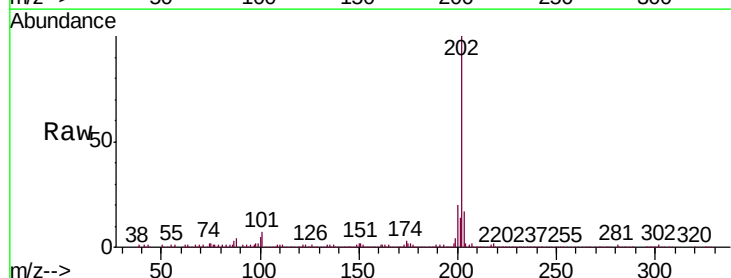
Tgt Ion:202 Resp: 415768

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.7

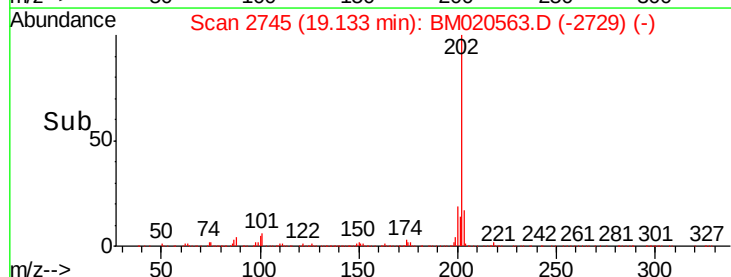
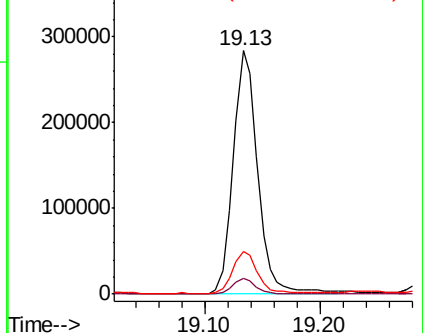
203 17.4 0.0 37.4

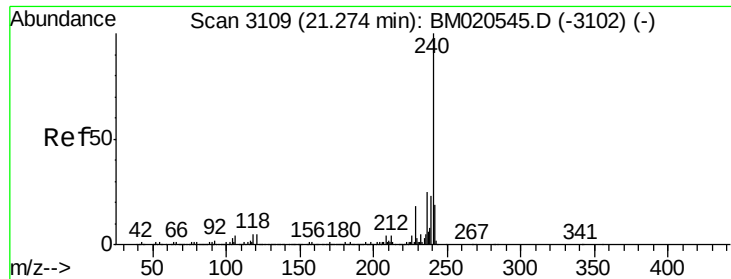


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

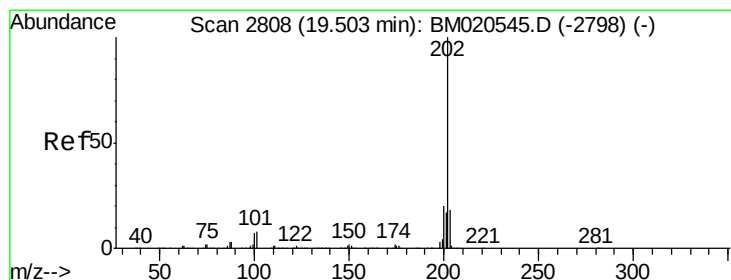
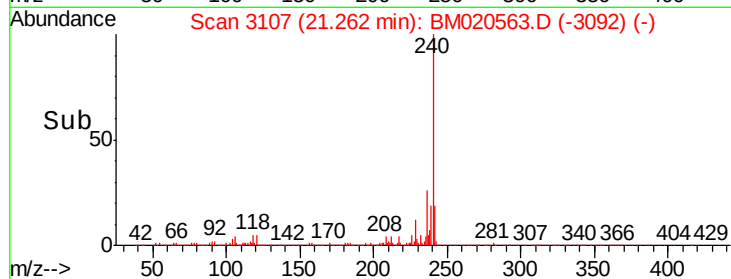
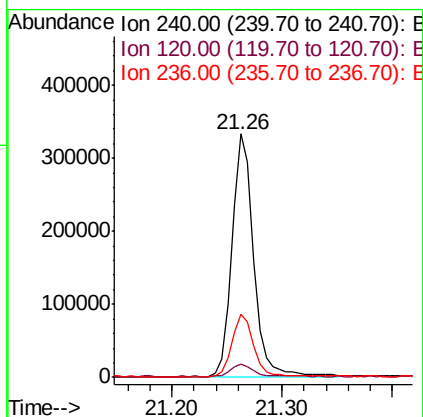
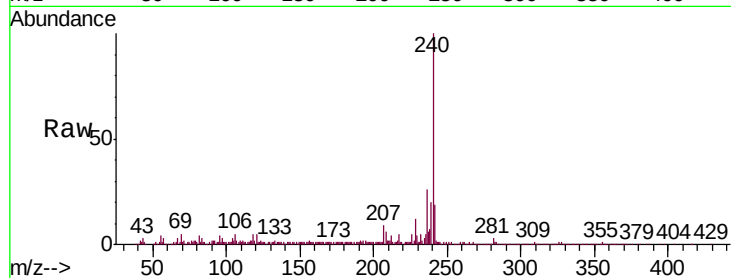




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

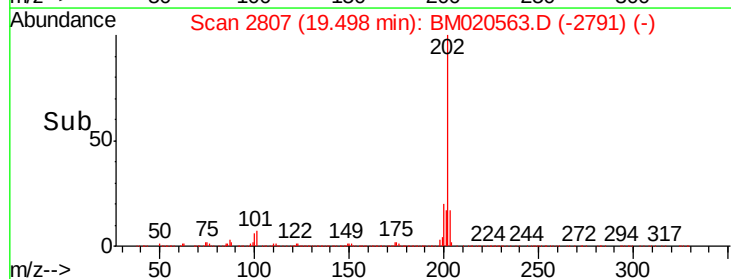
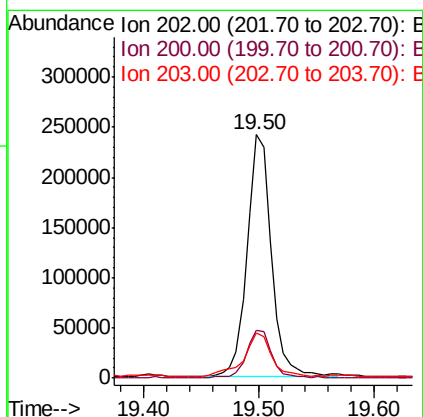
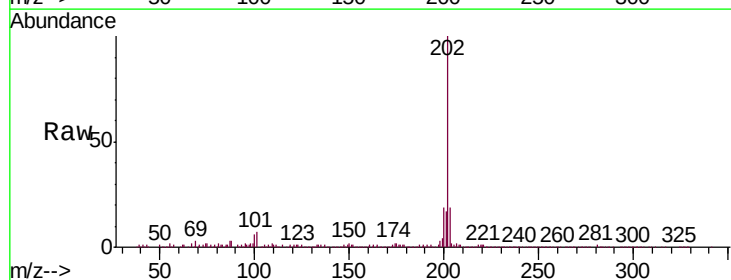
Instrument :
BNA_M
ClientSampleId :
DFTPP

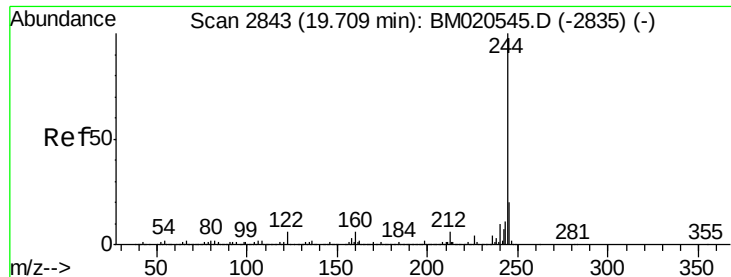
Tgt Ion:240 Resp: 458855
Ion Ratio Lower Upper
240 100
120 5.4 4.1 6.1
236 26.0 20.2 30.4



#78
Pyrene
Concen: 12.342 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion:202 Resp: 355528
Ion Ratio Lower Upper
202 100
200 19.5 16.0 24.0
203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 35.014 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

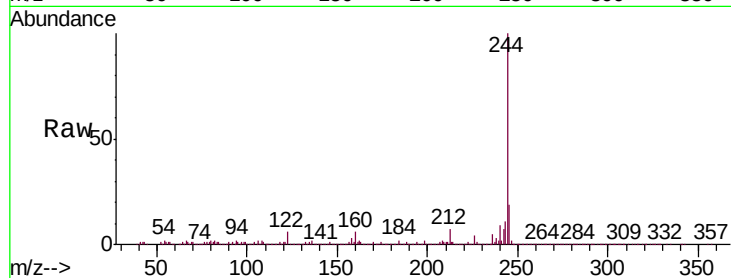
Tgt Ion:244 Resp: 888725

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

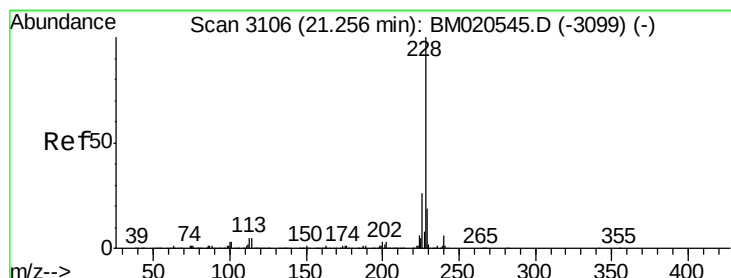
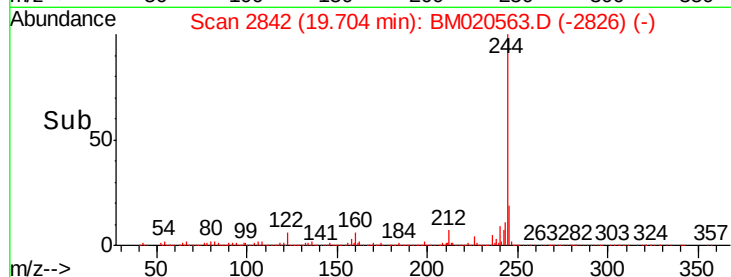
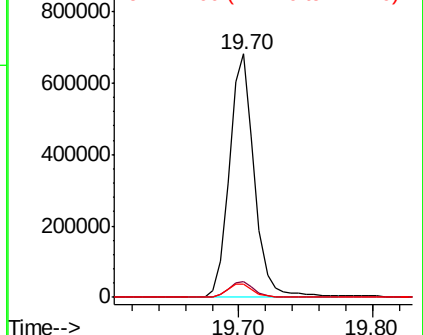
122 5.7 4.6 7.0



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



#81

Benzo(a)anthracene

Concen: 5.465 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

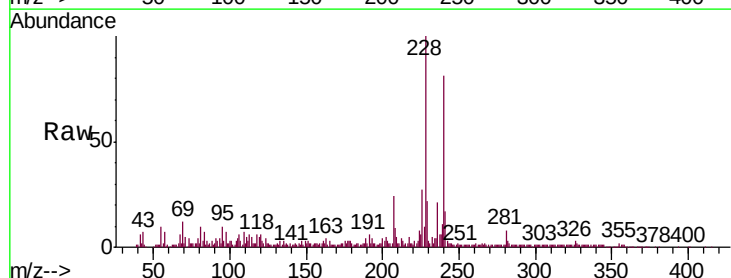
Tgt Ion:228 Resp: 173555

Ion Ratio Lower Upper

228 100

226 27.4 20.7 31.1

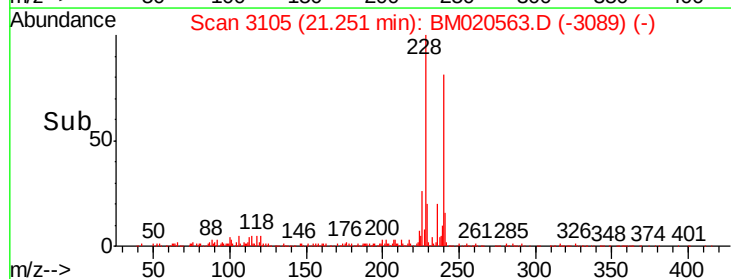
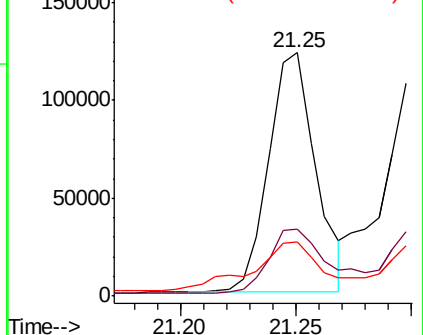
229 22.0 15.5 23.3

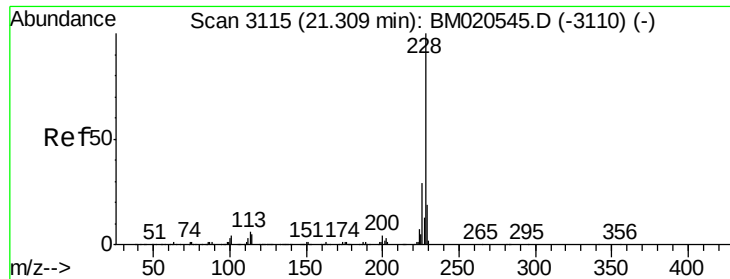


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

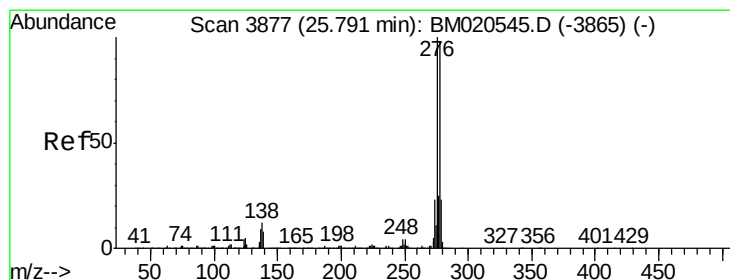
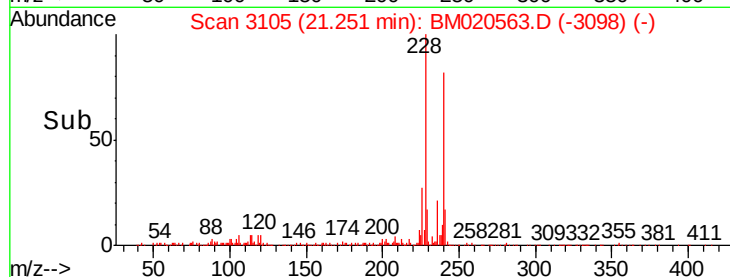
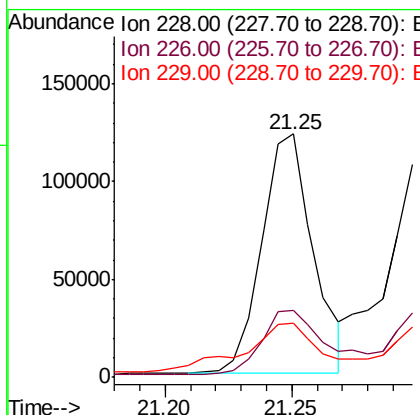
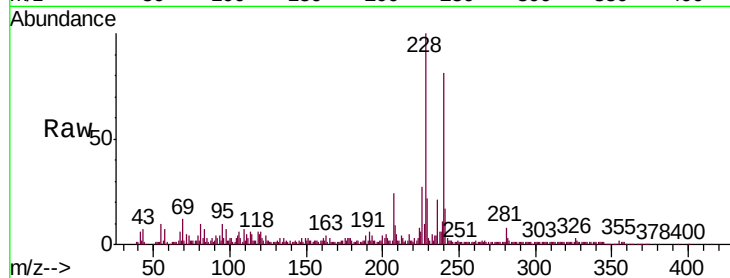




#83
Chrysene
Concen: 5.652 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.06 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

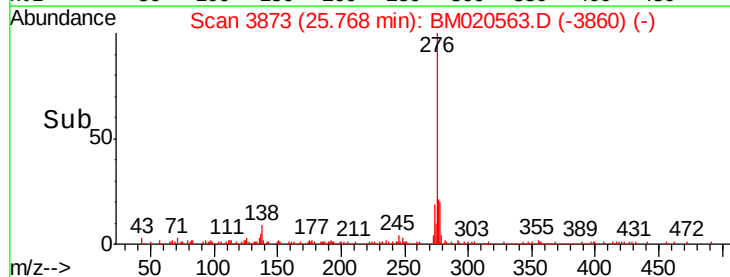
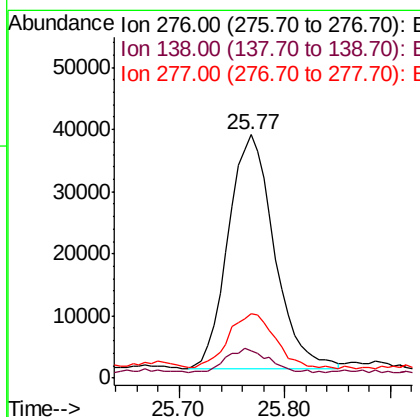
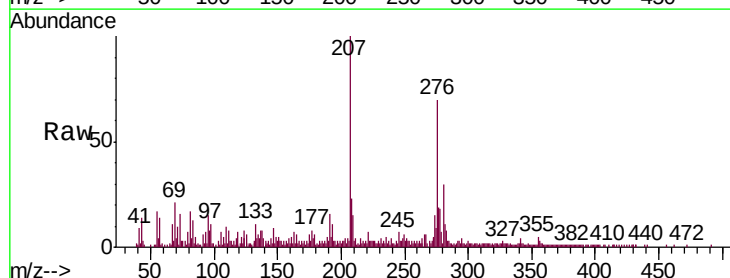
Instrument :
BNA_M
ClientSampleId :
DFTPP

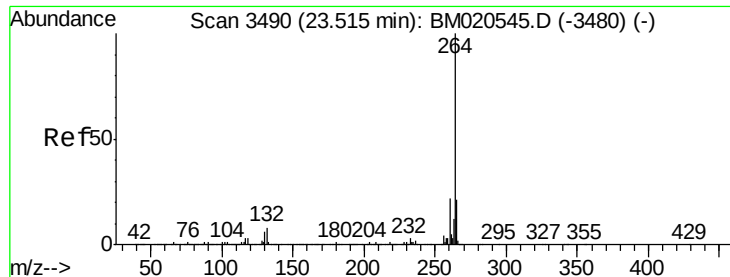
Tgt Ion: 228 Resp: 173427
Ion Ratio Lower Upper
228 100
226 27.4 22.9 34.3
229 22.0 15.4 23.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.088 ng
RT: 25.77 min Scan# 3873
Delta R.T. -0.02 min
Lab File: BM020563.D
Acq: 25 May 2019 04:32

Tgt Ion: 276 Resp: 114561
Ion Ratio Lower Upper
276 100
138 9.3 9.7 14.5#
277 23.3 20.4 30.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

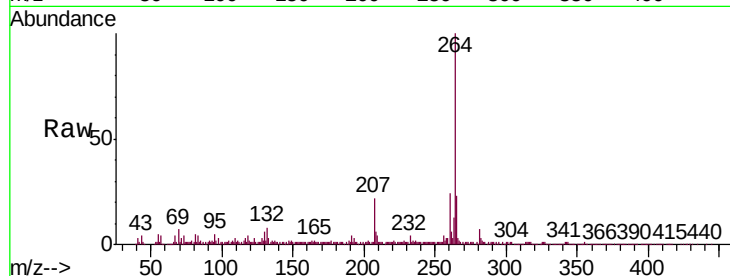
Tgt Ion:264 Resp: 491110

Ion Ratio Lower Upper

264 100

260 23.7 17.7 26.5

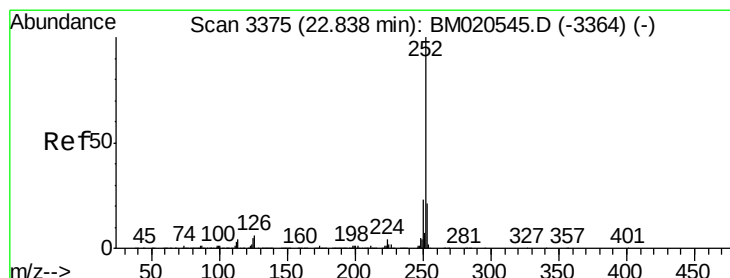
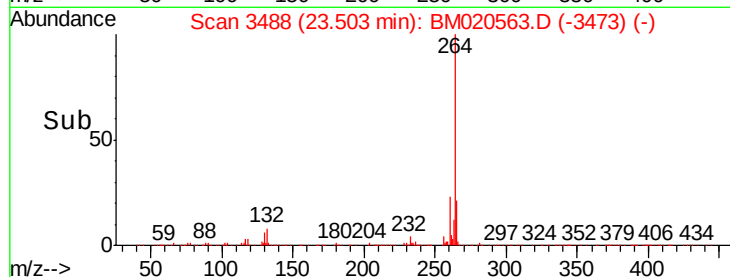
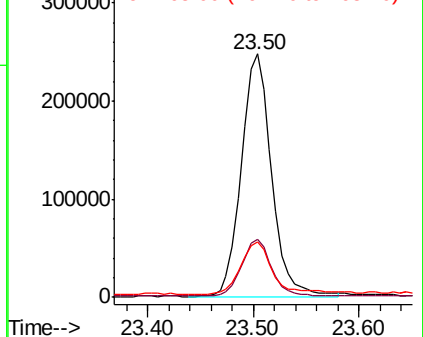
265 22.6 17.4 26.2



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: 9.088 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

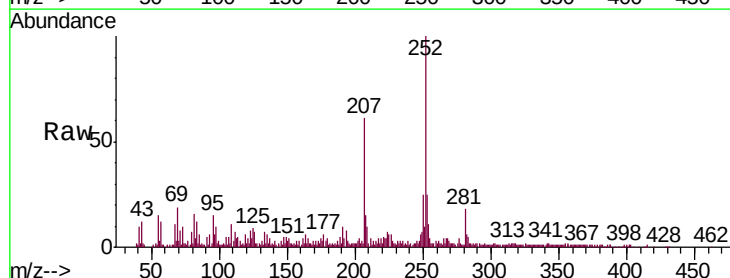
Tgt Ion:252 Resp: 292122

Ion Ratio Lower Upper

252 100

253 24.9 17.1 25.7

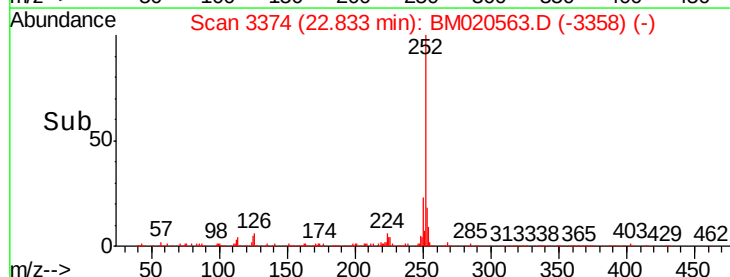
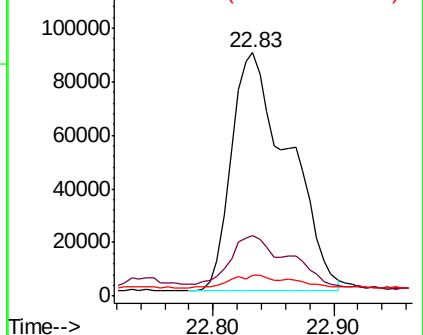
125 8.6 3.8 5.8#

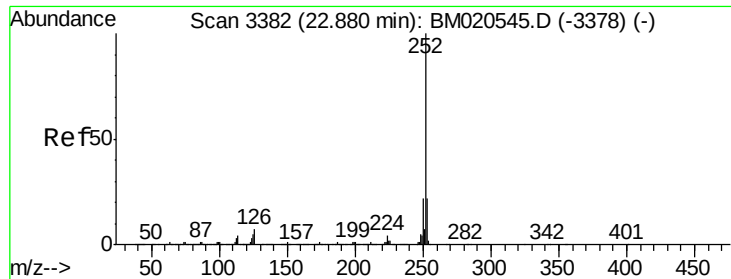


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.507 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

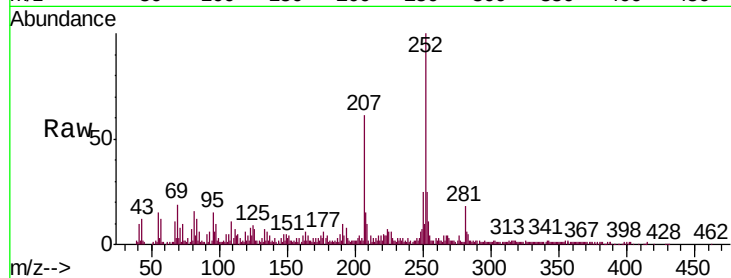
Instrument :

BNA_M

ClientSampleId :

DFTPP

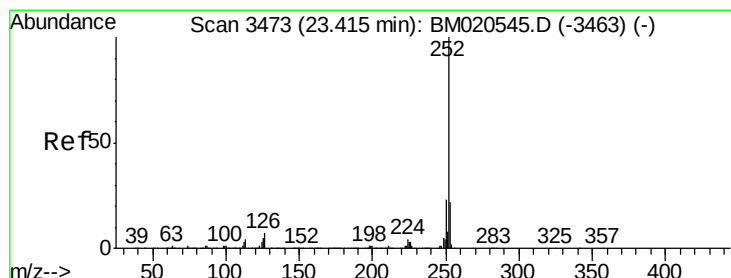
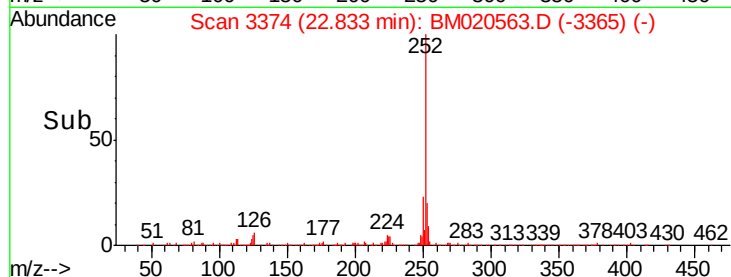
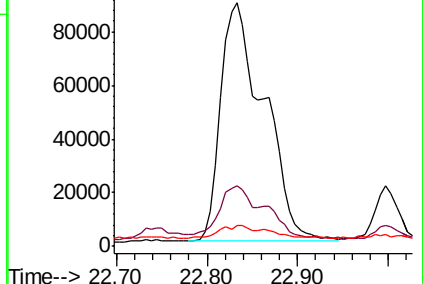
Tgt Ion:	252	Resp:	296597
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.6	26.4
125	8.6	4.2	6.4#



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



#90

Benzo(a)pyrene

Concen: 5.337 ng

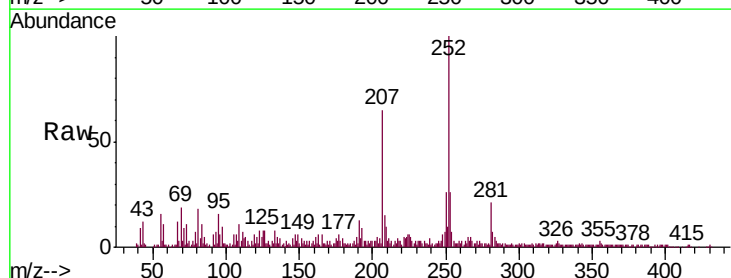
RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

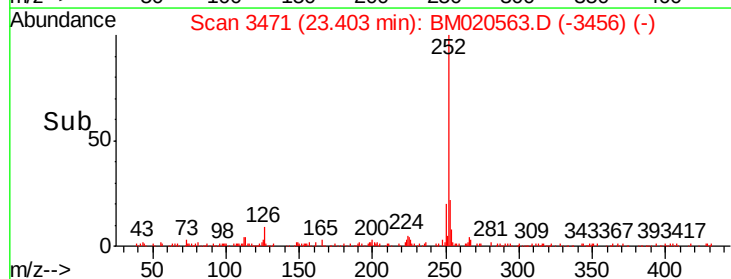
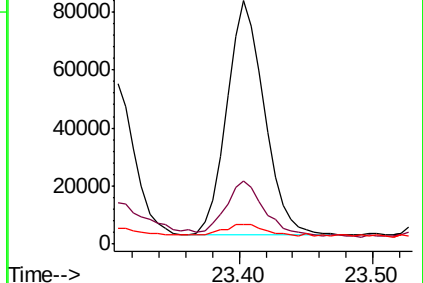
Tgt Ion:	252	Resp:	157867
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.4	26.2
125	8.0	4.2	6.4#

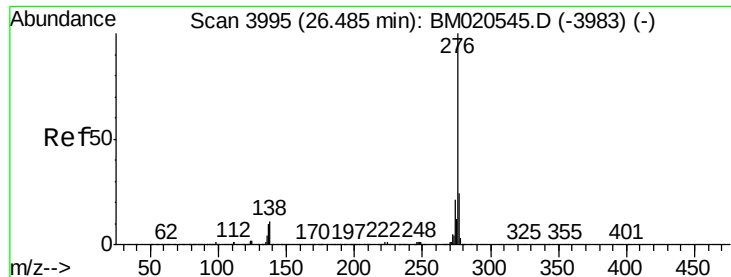


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(g,h,i)perylene

Concen: 4.160 ng

RT: 26.47 min Scan# 3992

Delta R.T. -0.02 min

Lab File: BM020563.D

Acq: 25 May 2019 04:32

Instrument :

BNA_M

ClientSampleId :

DFTPP

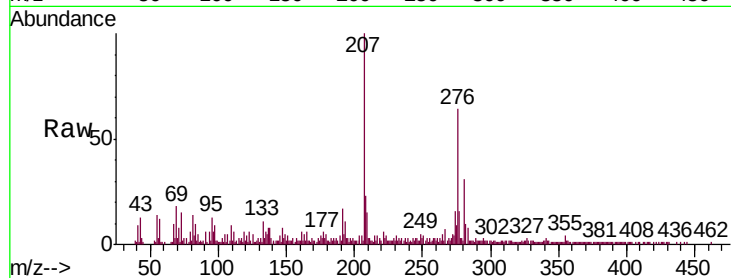
Tgt Ion: 276 Resp: 116750

Ion Ratio Lower Upper

276 100

277 25.5 19.1 28.7

138 12.3 8.6 12.8



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

