

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051119\
 Data File : BM020286.D
 Acq On : 12 May 2019 00:33
 Operator : JU/SJ
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: May 12 03:13:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 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	-7.79
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.59
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.43
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.18
76) Chrysene-d12	21.36	240	429	20.00	ng	-0.01
87) Perylene-d12	0.00	264	0	0.00	ng	-23.66

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	19.79	244	1255	51.03	ng	-0.02

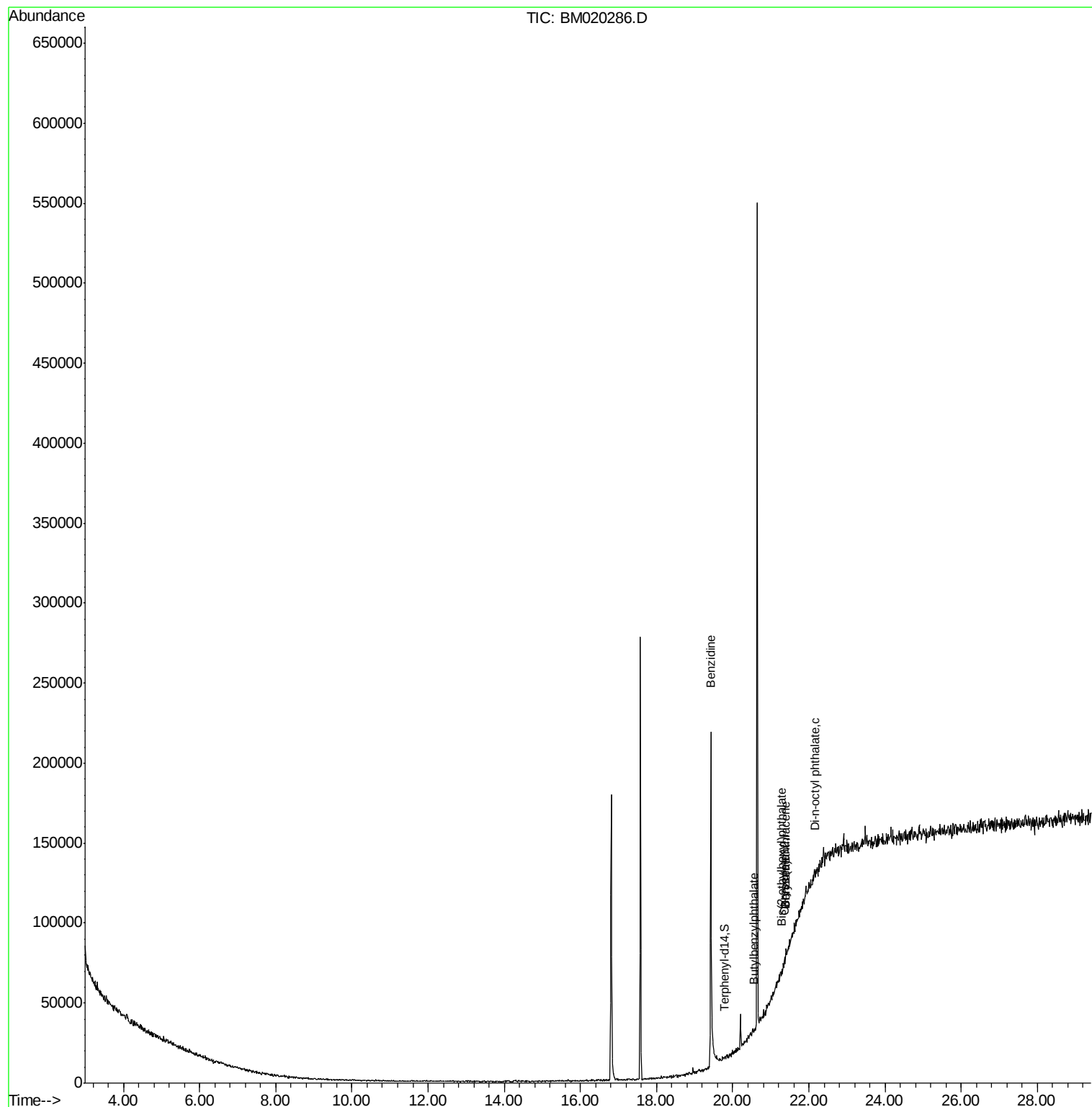
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
77) Benzidine	19.42	184	165262	12049.365	ng	99
80) Butylbenzylphthalate	20.57	149	141	13.462	ng	# 19
81) Benzo(a)anthracene	21.39	228	561	18.647	ng	# 52
83) Chrysene	21.39	228	561	19.227	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.27	149	391	24.057	ng	# 53
85) Di-n-octyl phthalate	22.15	149	756	27.986	ng	# 52

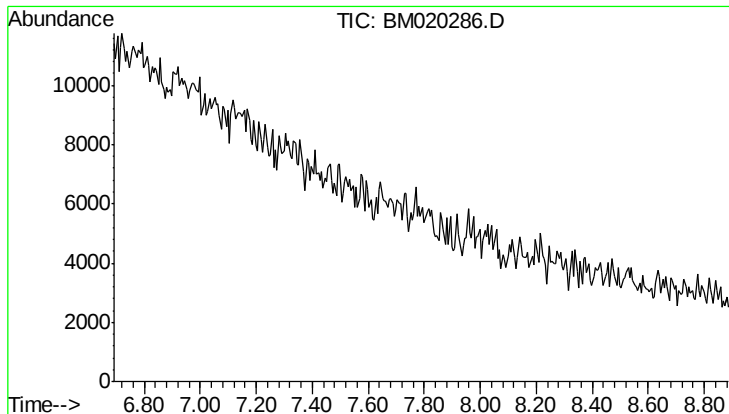
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.000 ng

Expected RT: 7.79 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Instrument :

BNA_M

ClientSampleId :

DFTPP

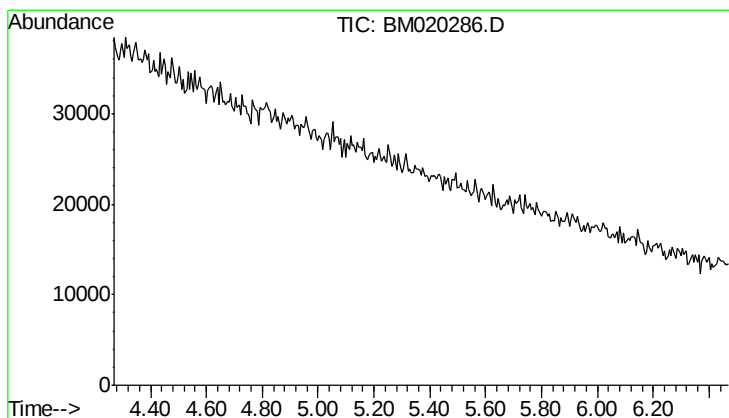
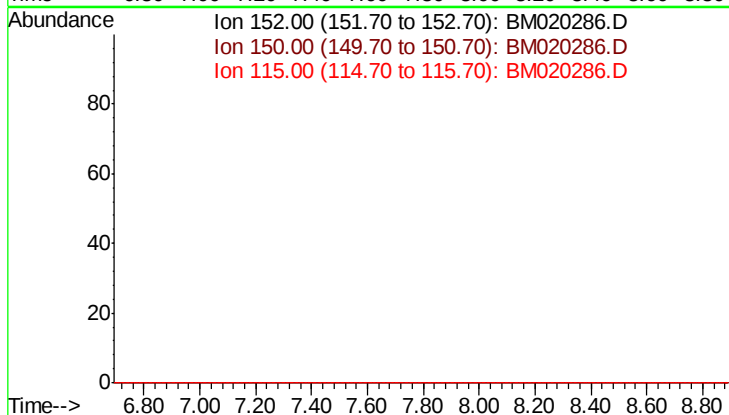
Tgt Ion: 152

Sig Exp Ratio

152 100

150 149.8

115 63.5



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.37 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

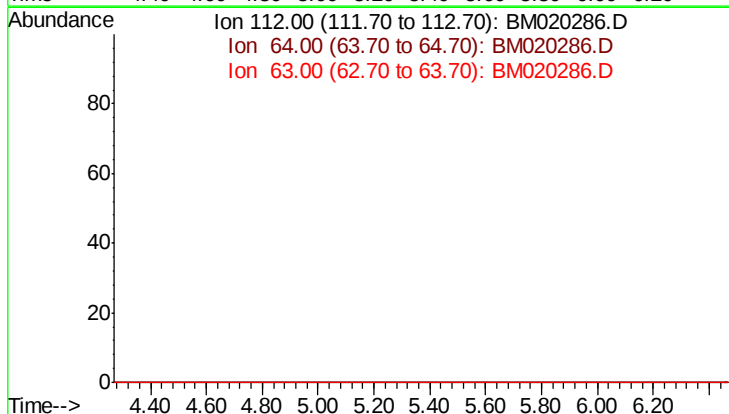
Tgt Ion: 112

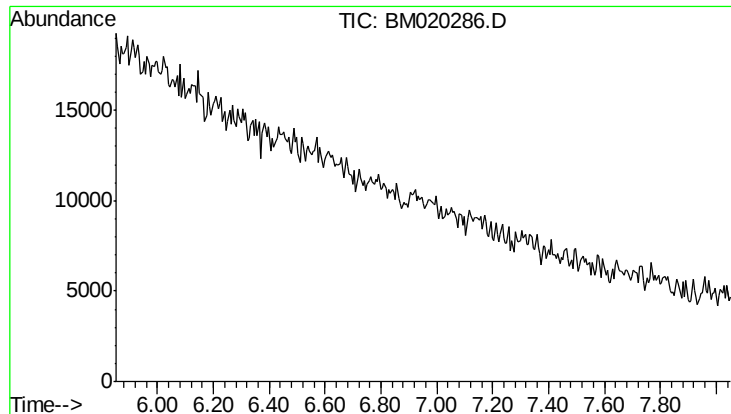
Sig Exp Ratio

112 100

64 67.2

63 40.4





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.95 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Instrument :

BNA_M

ClientSampleId :

DFTPP

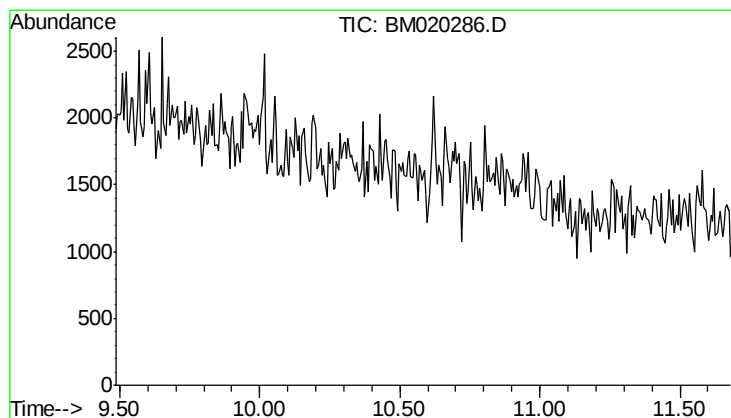
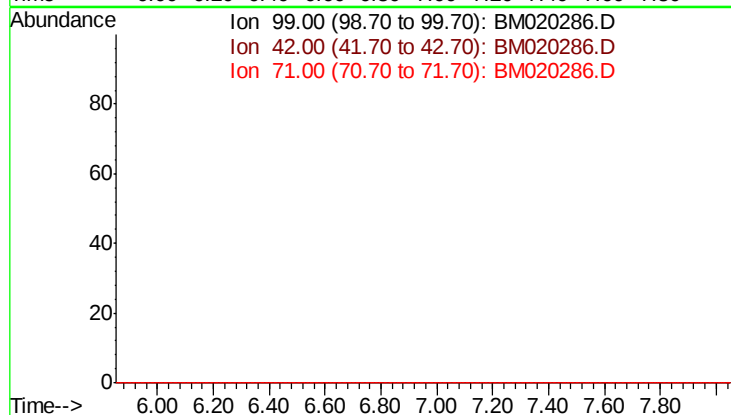
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.7

71 50.4



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 10.59 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Tgt Ion: 136

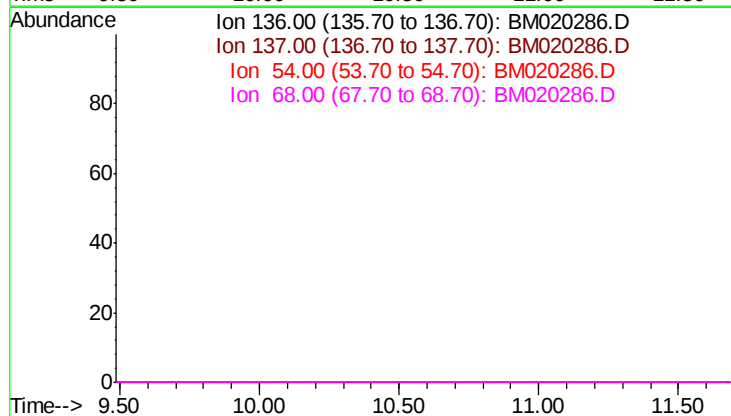
Sig Exp Ratio

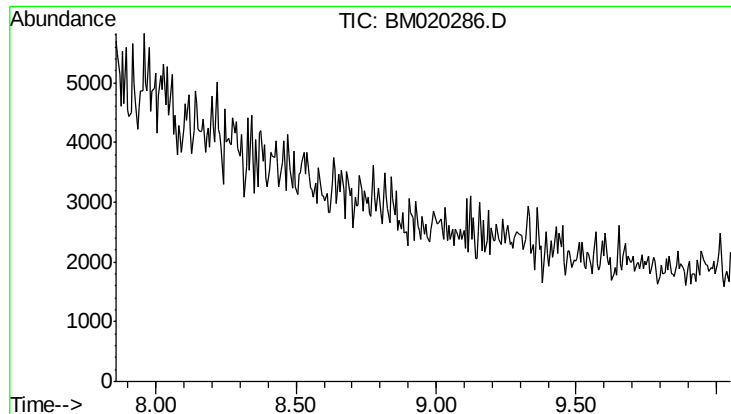
136 100

137 12.0

54 6.9

68 5.7

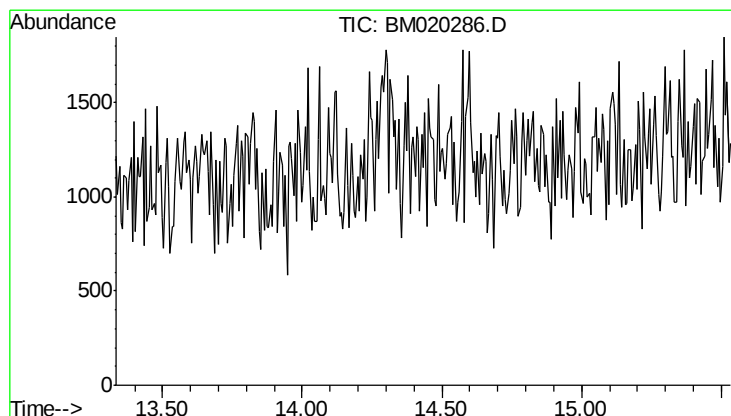




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 8.96 min
 Lab File: BM020286.D
 Acq: 12 May 2019 00:33

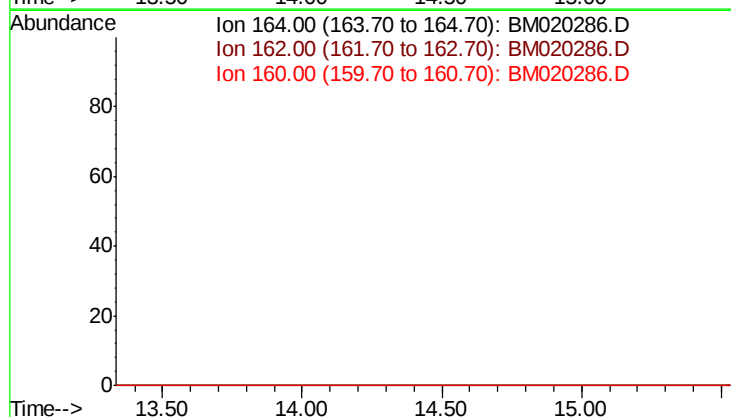
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

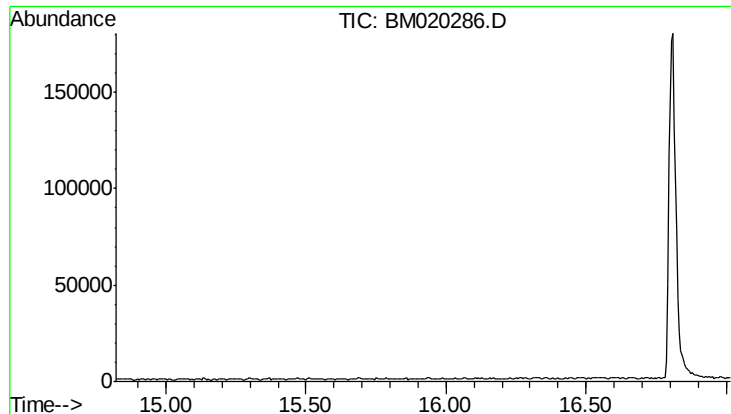
Tgt Ion	Exp Ratio
82	100
128	31.5
54	39.9



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.43 min
 Lab File: BM020286.D
 Acq: 12 May 2019 00:33

Tgt Ion	Exp Ratio
164	100
162	102.7
160	47.0

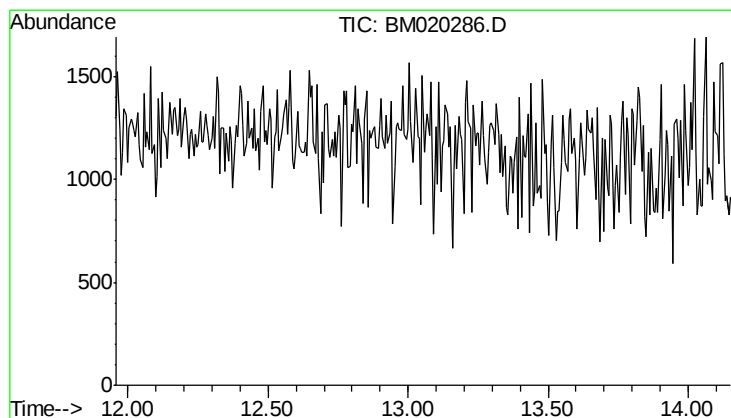
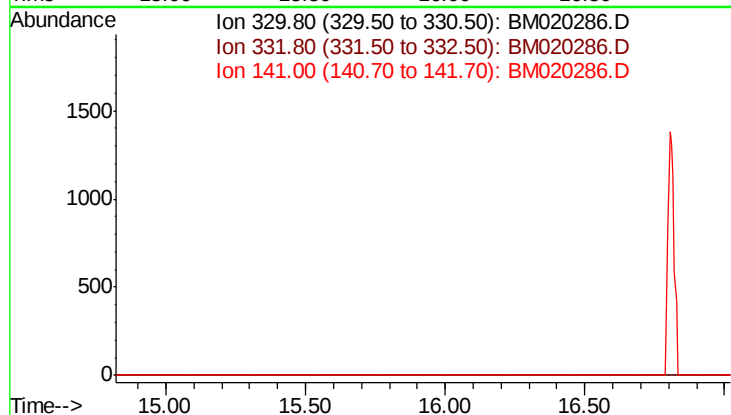




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.92 min
 Lab File: BM020286.D
 Acq: 12 May 2019 00:33

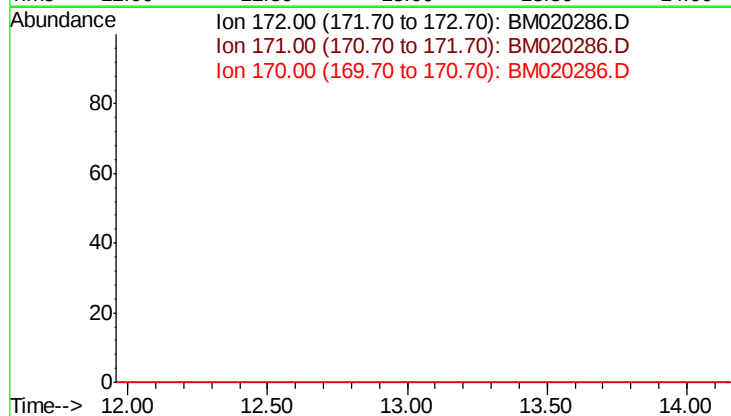
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

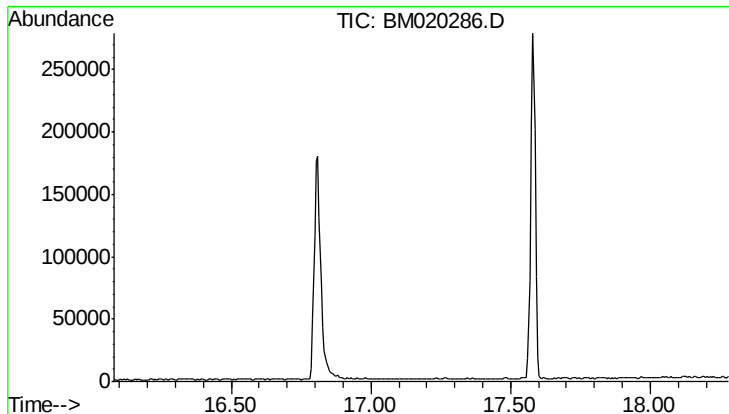
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 36.5



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.06 min
 Lab File: BM020286.D
 Acq: 12 May 2019 00:33

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 34.1
 170 22.4





#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.18 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Instrument :

BNA_M

ClientSampleId :

DFTPP

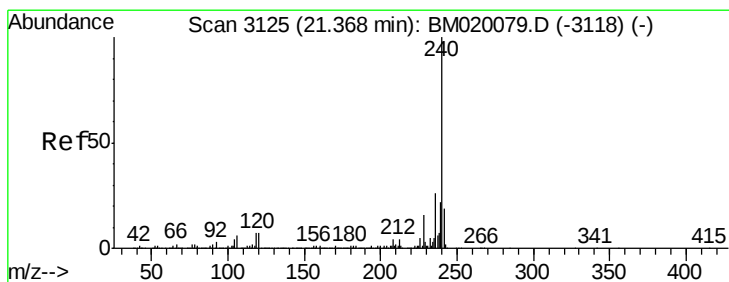
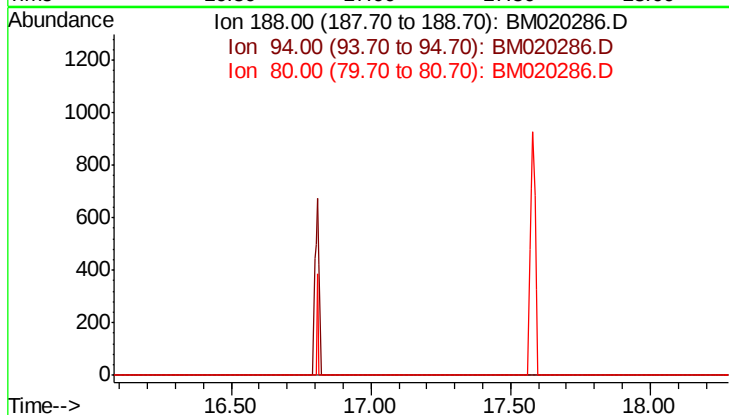
Tgt Ion: 188

Sig Exp Ratio

188 100

94 7.2

80 9.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

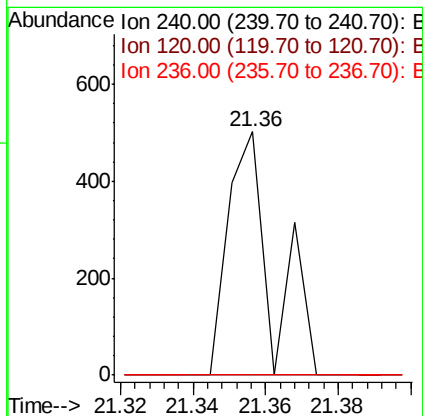
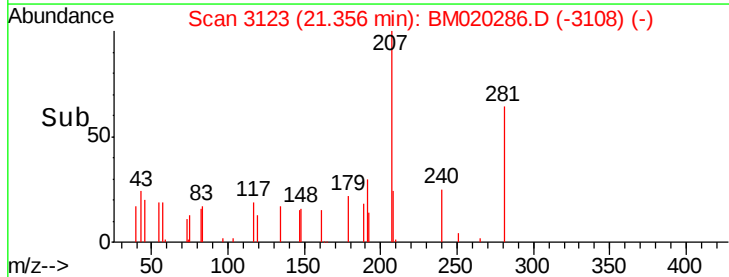
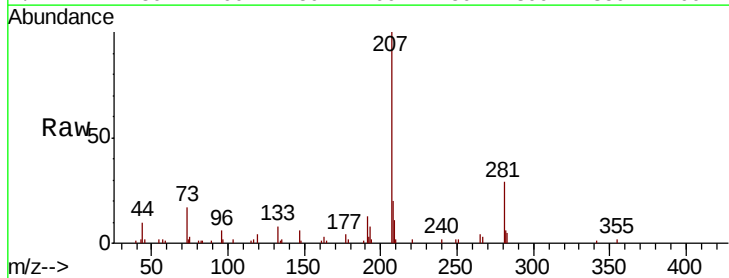
Tgt Ion: 240 Resp: 429

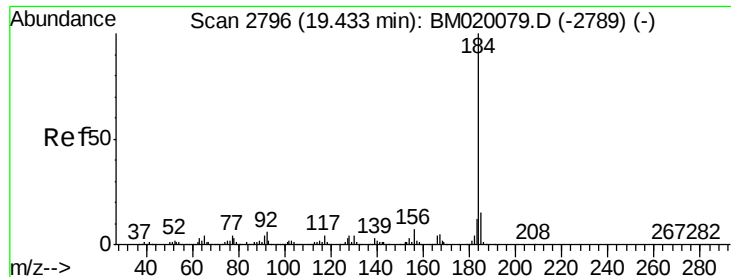
Ion Ratio Lower Upper

240 100

120 0.0 5.6 8.4#

236 0.0 20.9 31.3#





#77

Benzidine

Concen: 12049.365 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Instrument :

BNA_M

ClientSampleId :

DFTPP

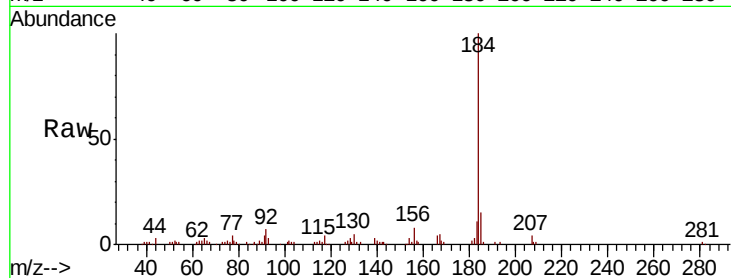
Tgt Ion:184 Resp: 165262

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

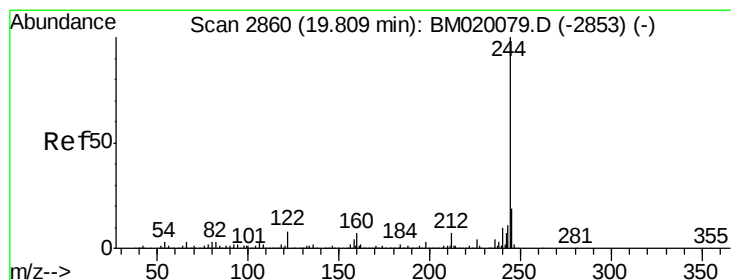
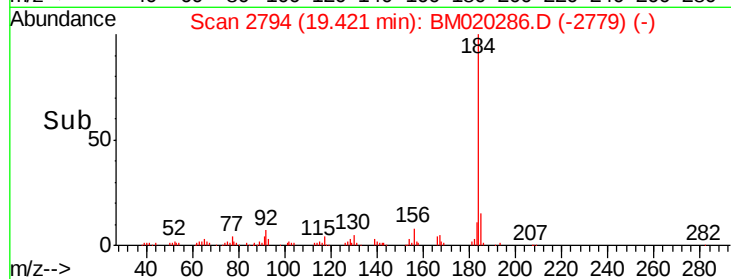
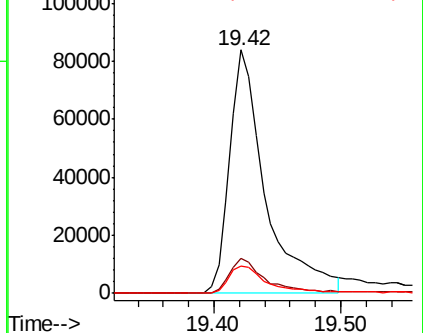
183 11.2 9.5 14.3



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



#79

Terphenyl-d14

Concen: 51.026 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

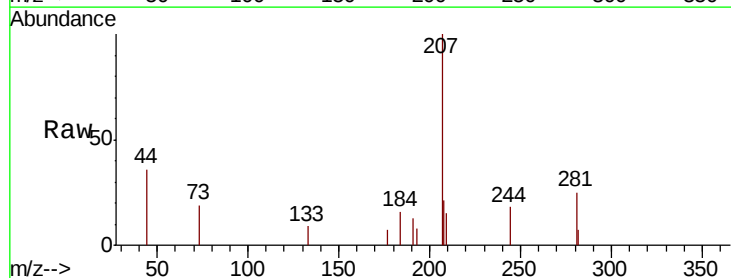
Tgt Ion:244 Resp: 1255

Ion Ratio Lower Upper

244 100

212 0.0 5.7 8.5#

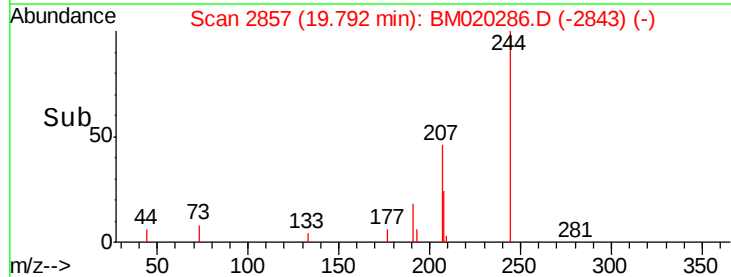
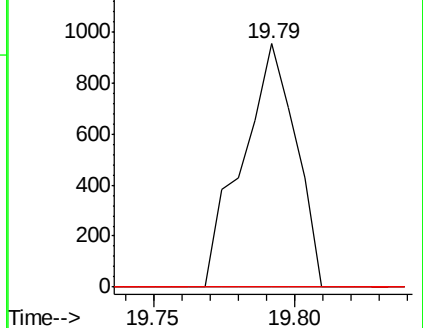
122 0.0 6.2 9.2#

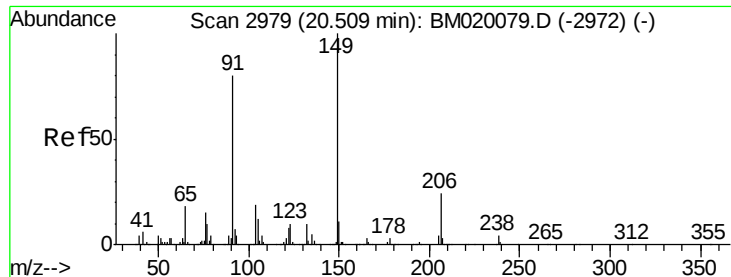


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

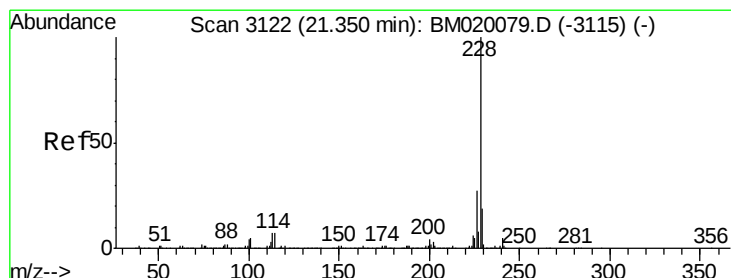
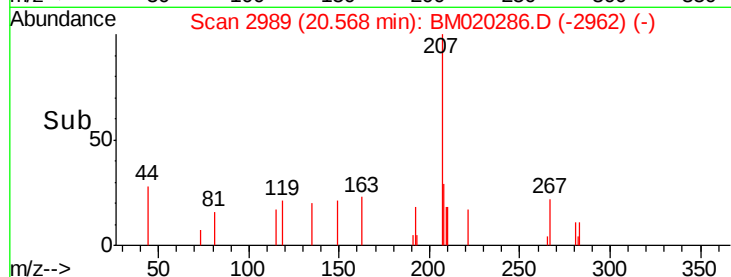
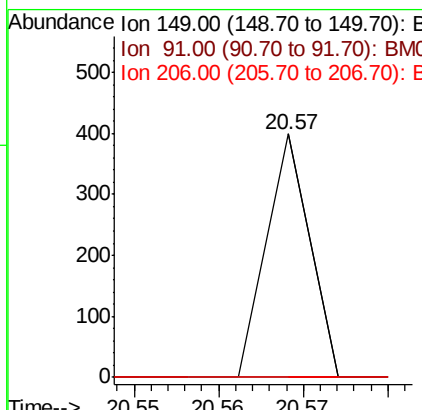
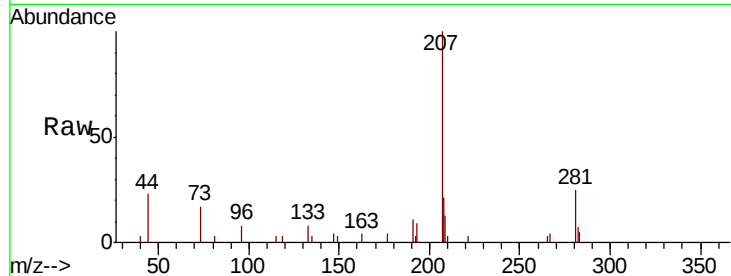




#80
Butylbenzylphthalate
Concen: 13.462 ng
RT: 20.57 min Scan# 2989
Delta R.T. 0.06 min
Lab File: BM020286.D
Acq: 12 May 2019 00:33

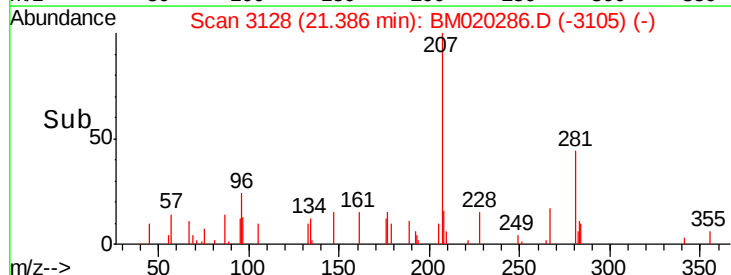
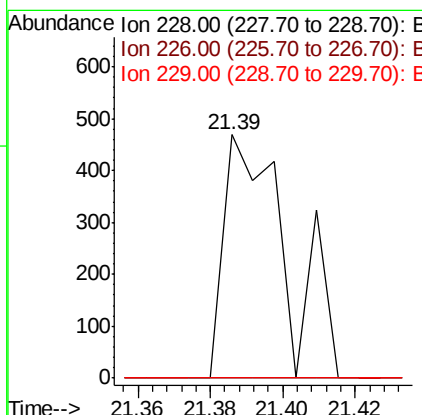
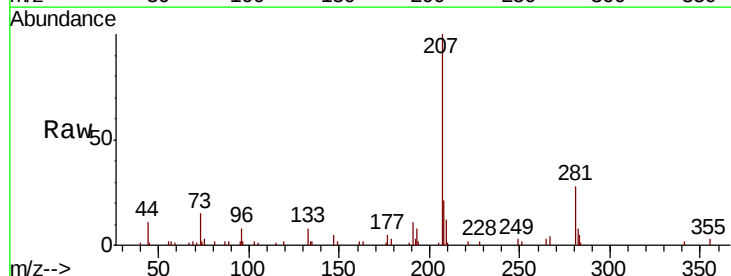
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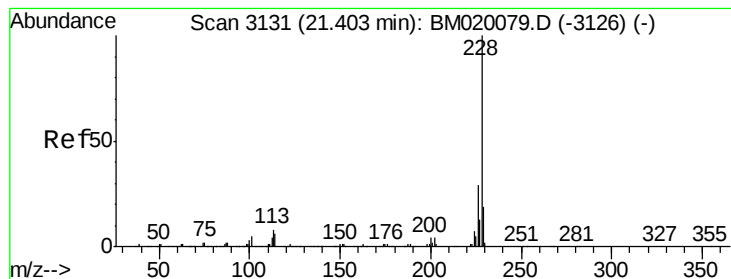
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	63.8	95.8#
206	0.0	18.9	28.3#



#81
Benzo(a)anthracene
Concen: 18.647 ng
RT: 21.39 min Scan# 3128
Delta R.T. 0.04 min
Lab File: BM020286.D
Acq: 12 May 2019 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.3	31.9#
229	0.0	15.5	23.3#





#83

Chrysene

Concen: 19.227 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Instrument :

BNA_M

ClientSampleId :

DFTPP

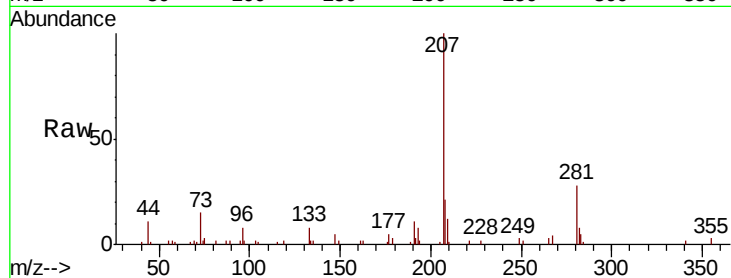
Tgt Ion:228 Resp: 561

Ion Ratio Lower Upper

228 100

226 0.0 23.0 34.6#

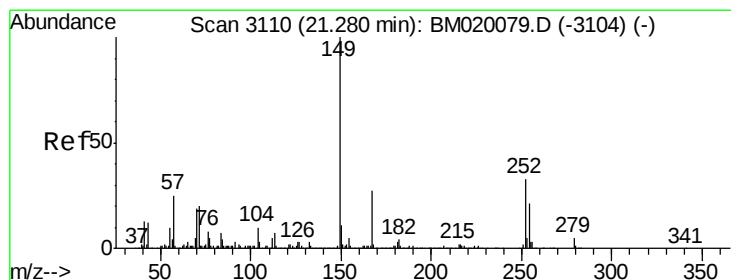
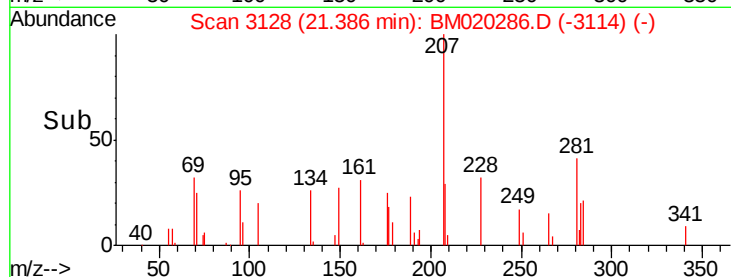
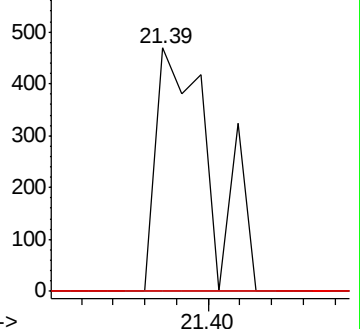
229 0.0 15.5 23.3#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.057 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

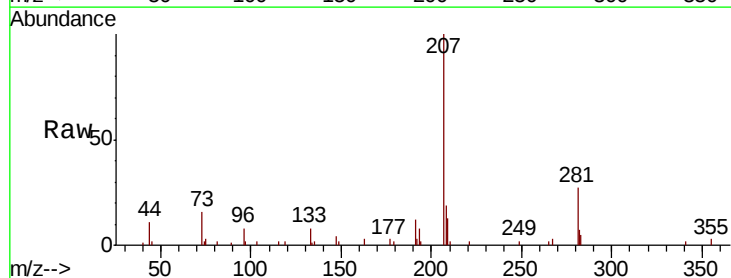
Tgt Ion:149 Resp: 391

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

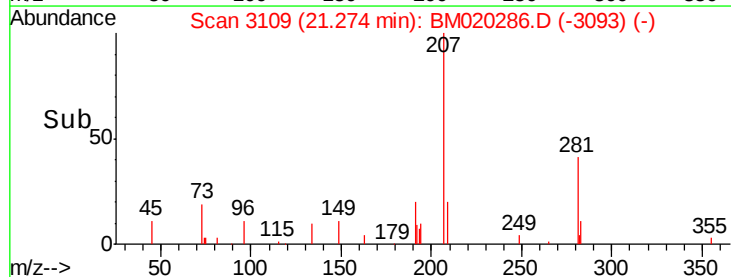
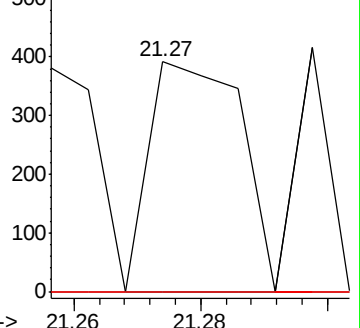
279 0.0 4.2 6.2#

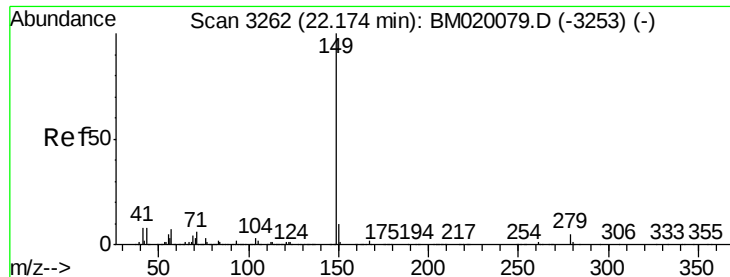


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 27.986 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020286.D

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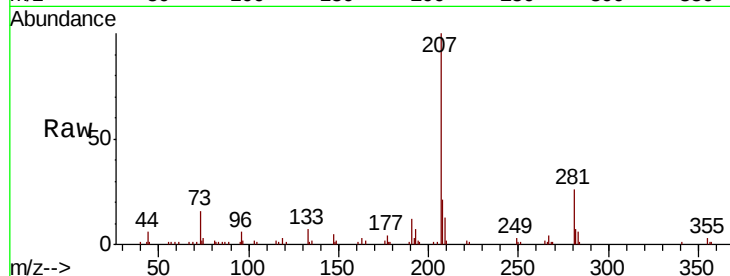
Tgt Ion: 149 Resp: 756

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

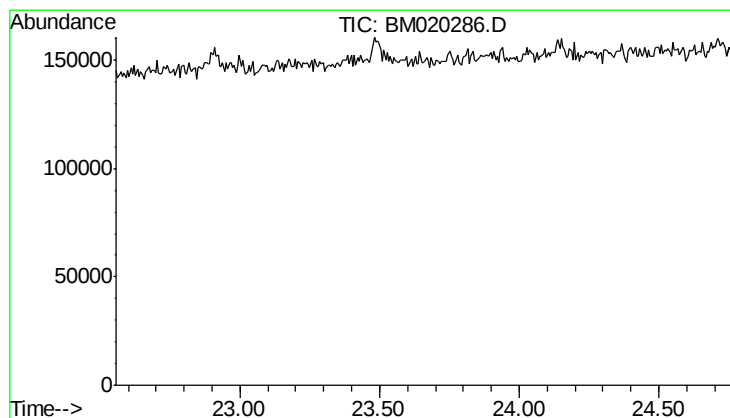
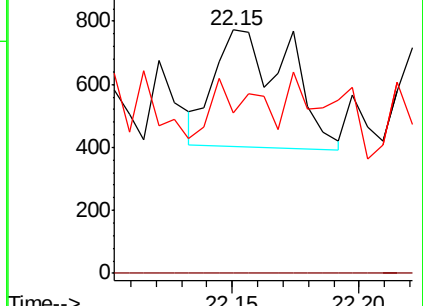
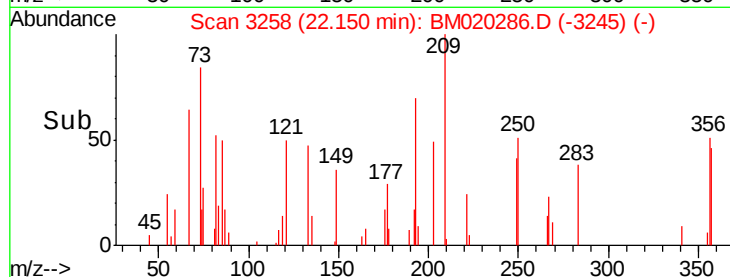
43 28.2 6.5 9.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 23.66 min

Lab File: BM020286.D

Acq: 12 May 2019 00:33

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.1

