

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020137.D
 Acq On : 06 May 2019 16:00
 Operator : JU/SJ
 Sample : K2647-03 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-050219-B

Quant Time: May 07 05:07:12 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

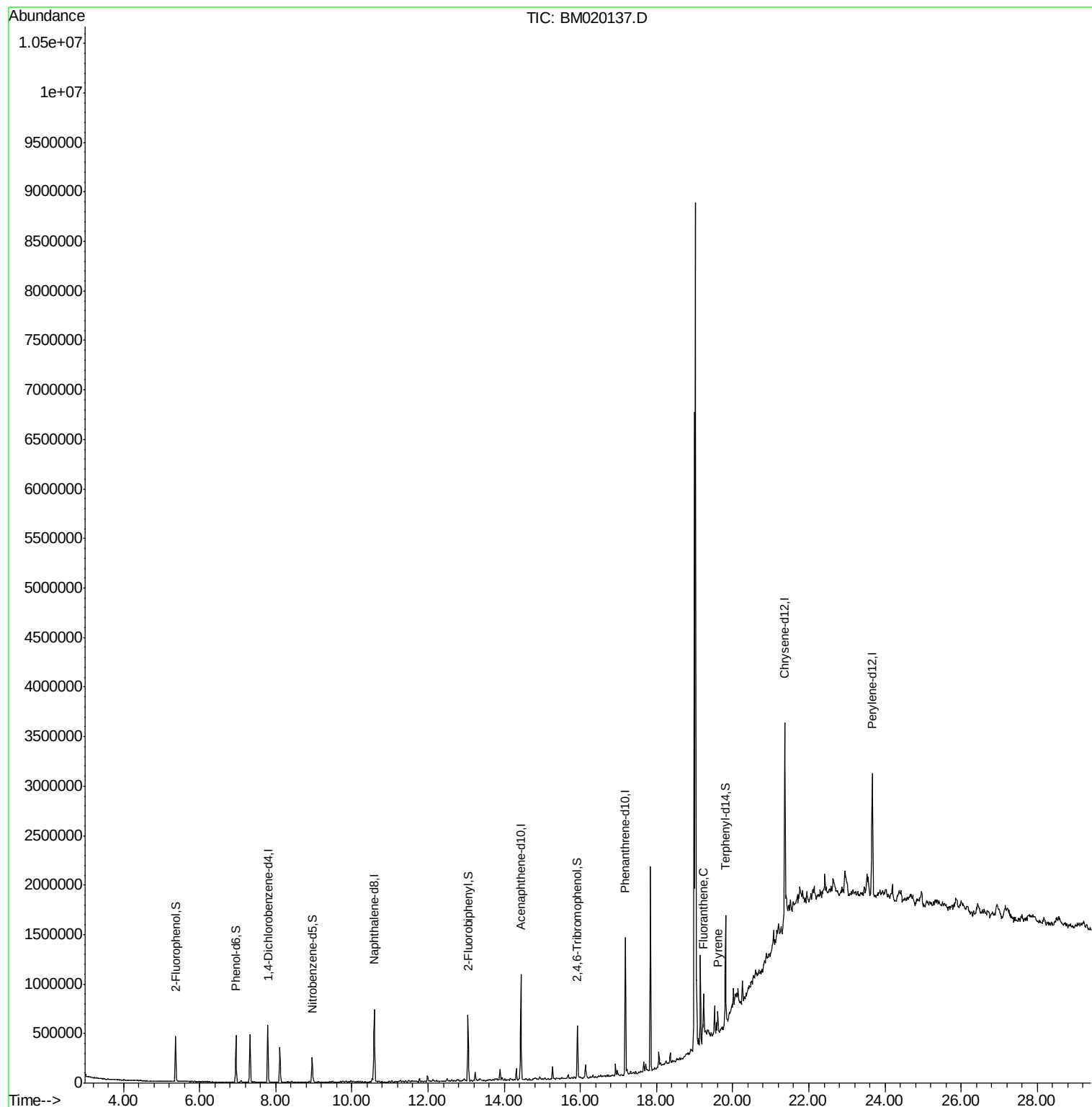
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	139232	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	546783	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	333235	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	795185	20.00	ng	0.00
76) Chrysene-d12	21.37	240	807417	20.00	ng	0.00
87) Perylene-d12	23.67	264	958918	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	167875	19.71	ng	0.00
7) Phenol-d6	6.95	99	239797	20.61	ng	0.00
23) Nitrobenzene-d5	8.96	82	156312	11.29	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	95871	18.53	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	321355	11.87	ng	0.00
79) Terphenyl-d14	19.81	244	493280	10.66	ng	0.00
Target Compounds						
75) Fluoranthene	19.24	202	134429	2.420	ng	93
78) Pyrene	19.60	202	125195	2.309	ng	97

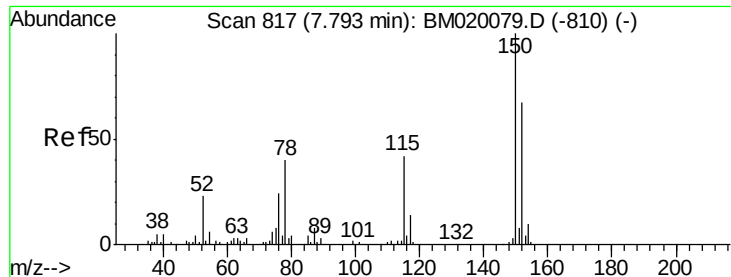
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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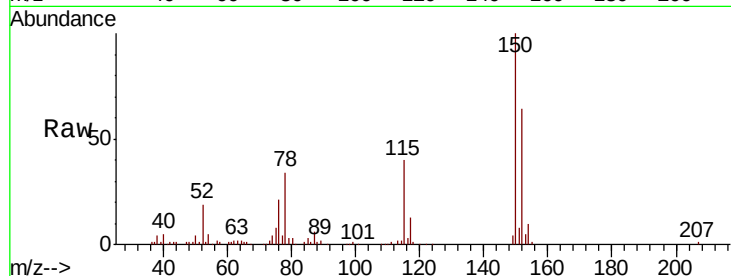


#1

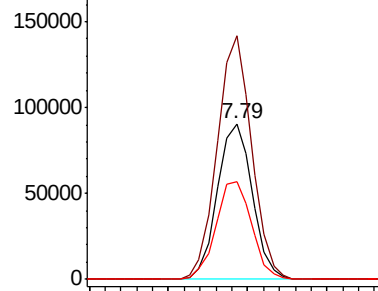
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

Instrument :
BNA_M
ClientSampleId :
SU-04-050219-B

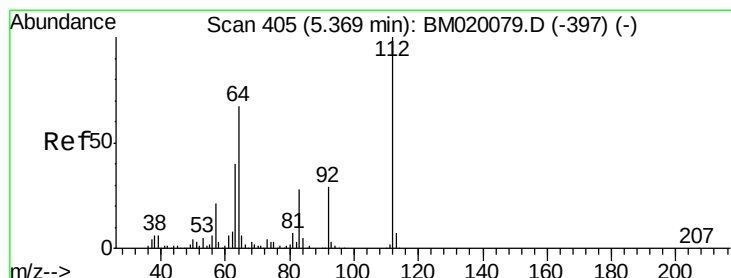
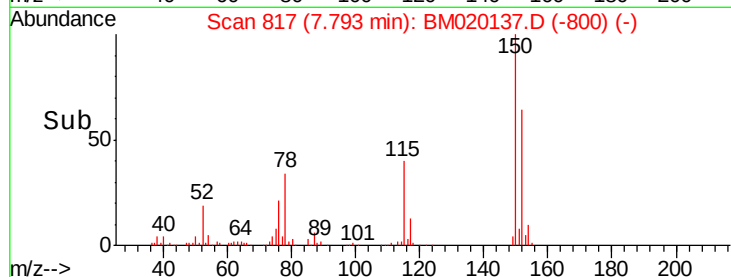
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	119.8	179.8
115	62.7	50.8	76.2



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



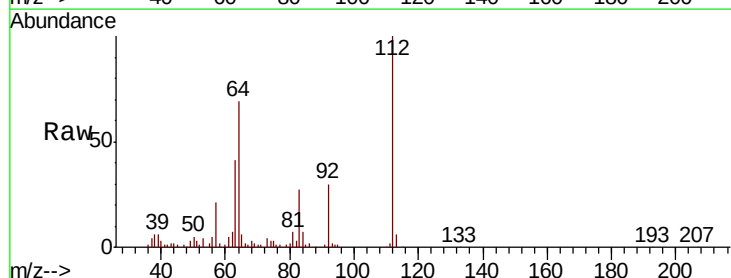
Time--> 7.70 7.75 7.80 7.85



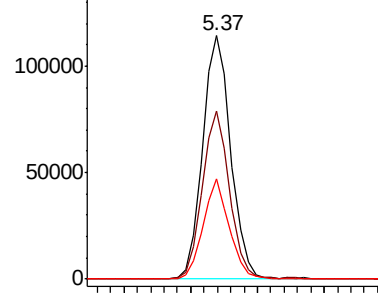
#5

2-Fluorophenol
Concen: 19.709 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM020137.D
Acq: 06 May 2019 16:00

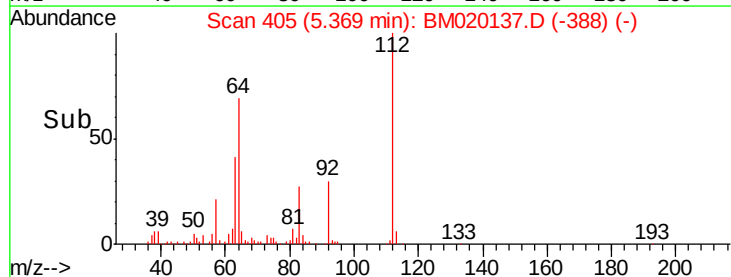
Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	53.8	80.6
63	41.2	32.3	48.5

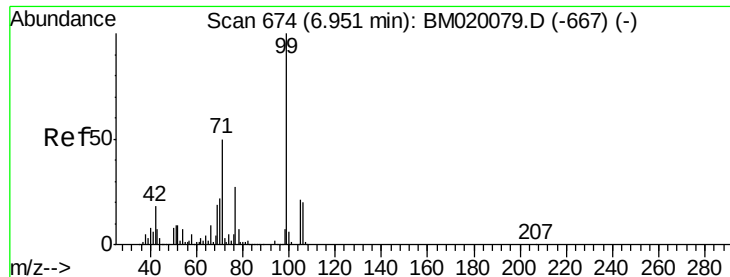


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time--> 5.30 5.35 5.40 5.45





#7

Phenol-d6

Concen: 20.607 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

Instrument :

BNA_M

ClientSampleId :

SU-04-050219-B

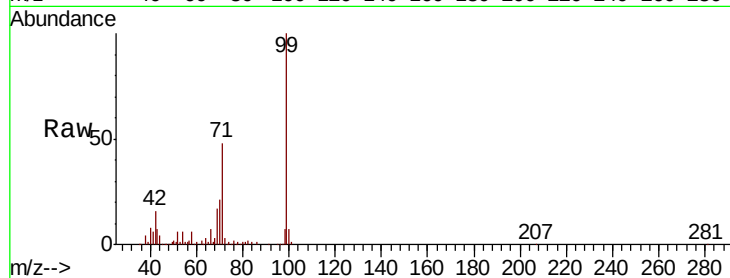
Tot Ion: 99 Resp: 239797

Ion Ratio Lower Upper

99 100

42 15.7 14.2 21.2

71 47.5 40.3 60.5



Abundance

Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)

200000

150000

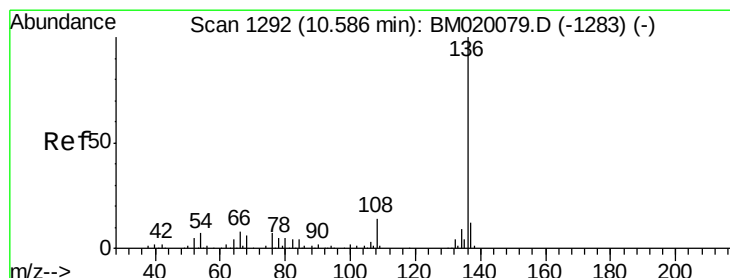
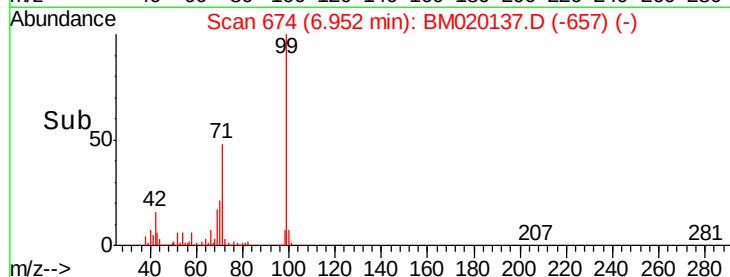
100000

50000

0

6.90 6.95 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

Tgt Ion: 136 Resp: 546783

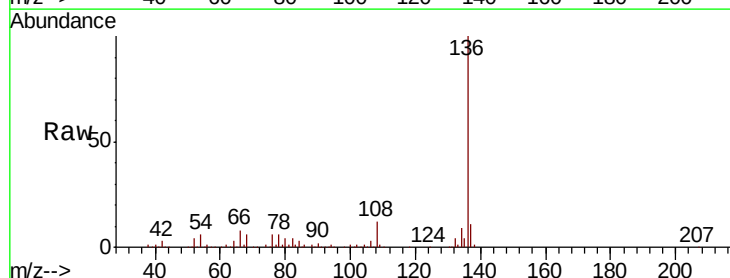
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.5 5.5 8.3

68 6.2 4.6 6.8



Abundance

Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

500000

400000

300000

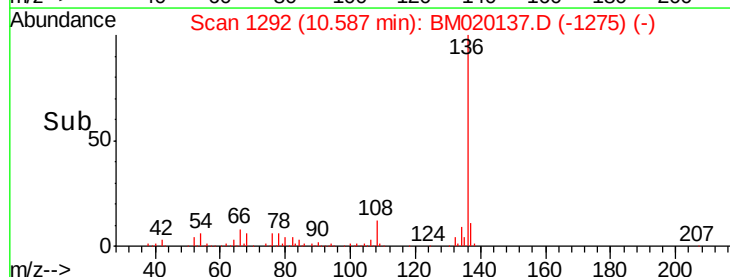
200000

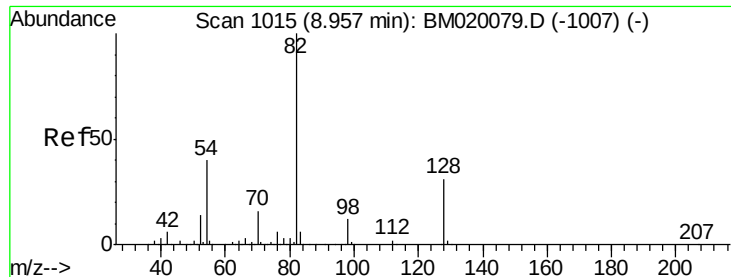
100000

0

10.50 10.60

Time-->

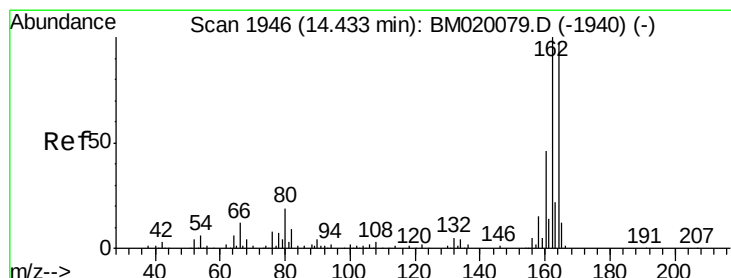
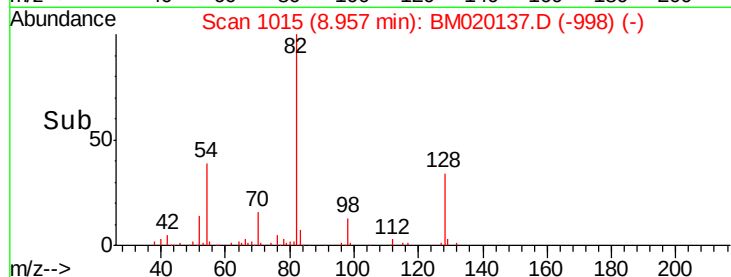
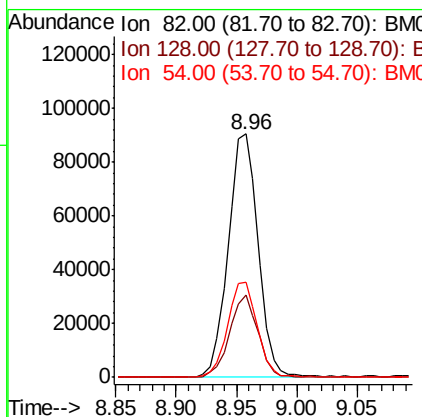
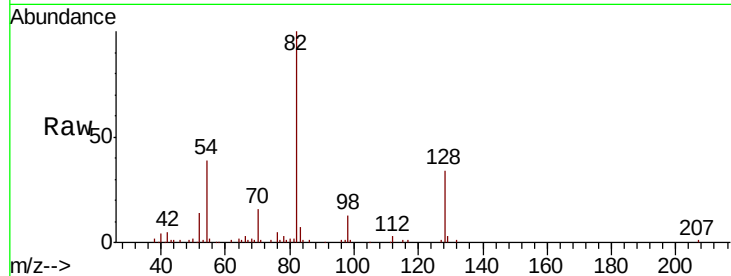




#23
 Nitrobenzene-d5
 Concen: 11.286 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BM020137.D
 Acq: 06 May 2019 16:00

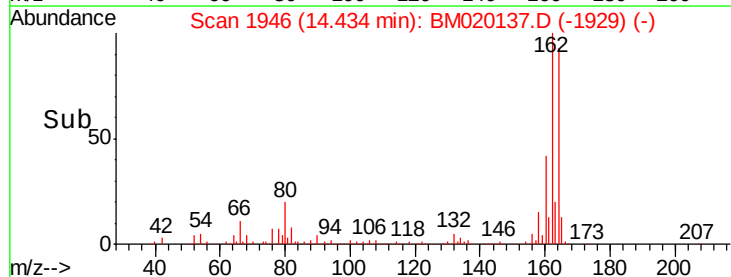
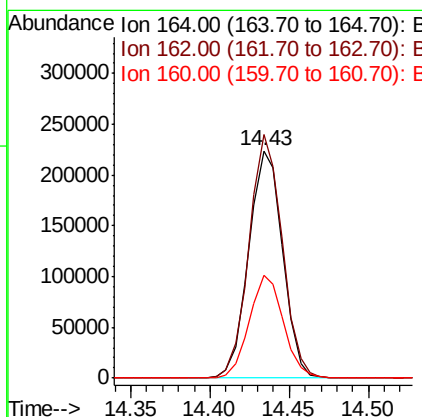
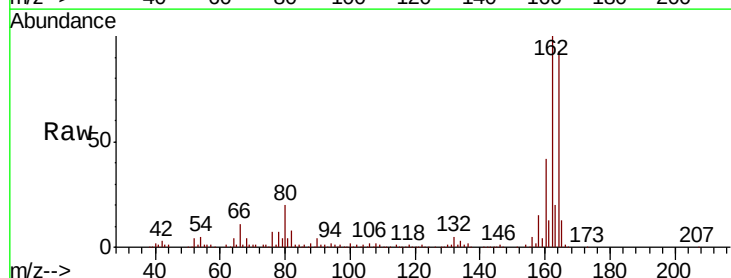
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-050219-B

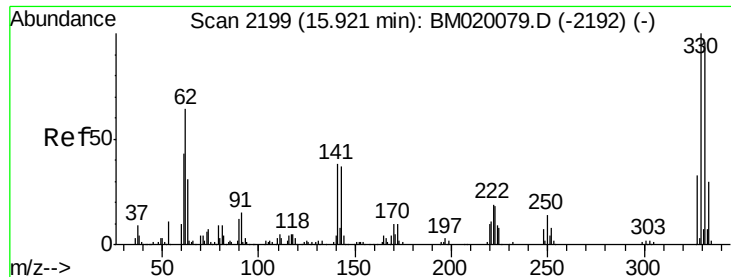
Tot Ion	82	Resp	156312
Ion Ratio	100	Lower	Upper
128	33.8	25.2	37.8
54	38.9	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BM020137.D
 Acq: 06 May 2019 16:00

Tgt Ion	164	Resp	333235
Ion Ratio	100	Lower	Upper
162	107.2	82.2	123.2
160	45.5	37.6	56.4

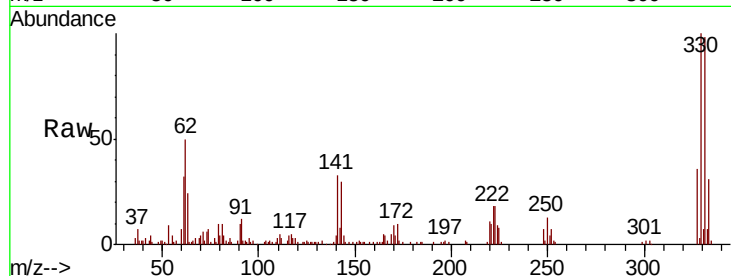




#42
 2,4,6-Tribromophenol
 Concen: 18.535 ng
 RT: 15.93 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BM020137.D
 Acq: 06 May 2019 16:00

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-050219-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	35.1	29.2	43.8

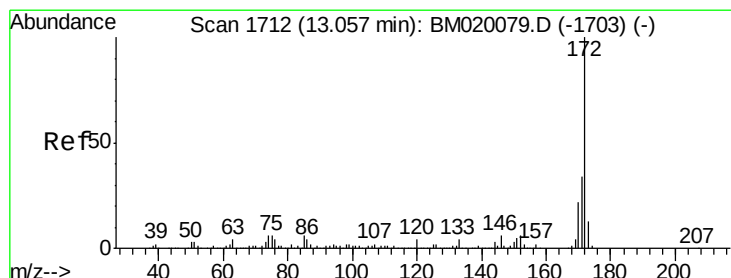
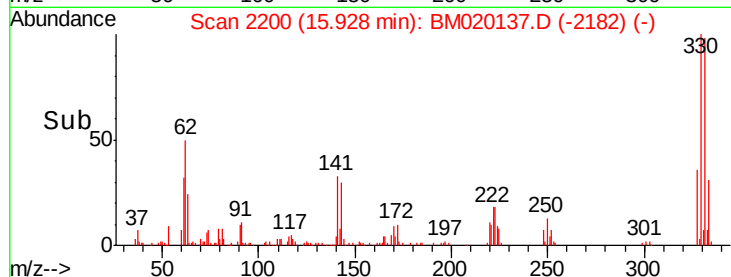
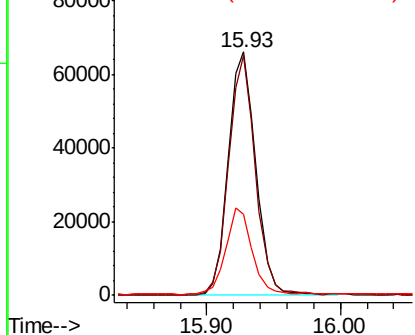


Abundance

Ion 329.80 (329.50 to 330.50): E

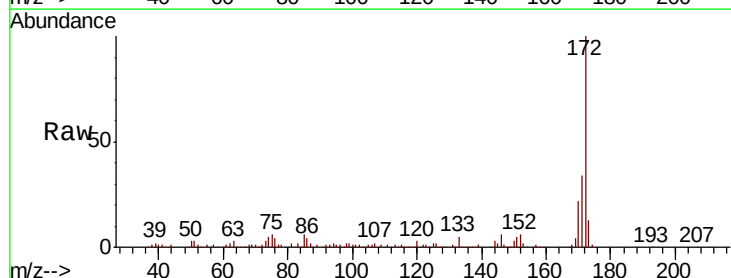
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.865 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020137.D
 Acq: 06 May 2019 16:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	22.3	17.9	26.9

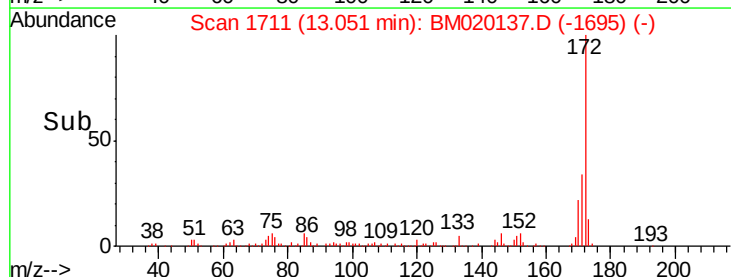
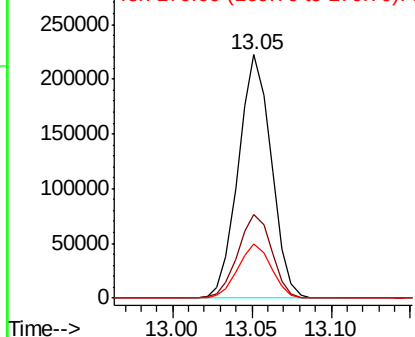


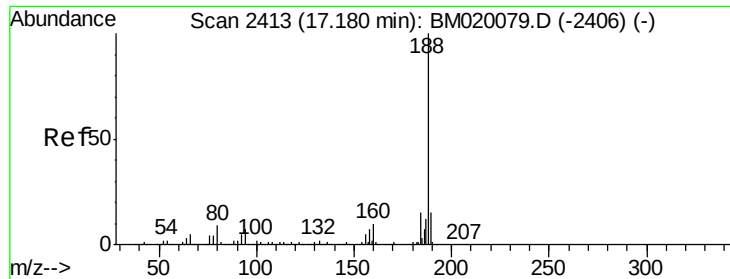
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

Instrument :

BNA_M

ClientSampleId :

SU-04-050219-B

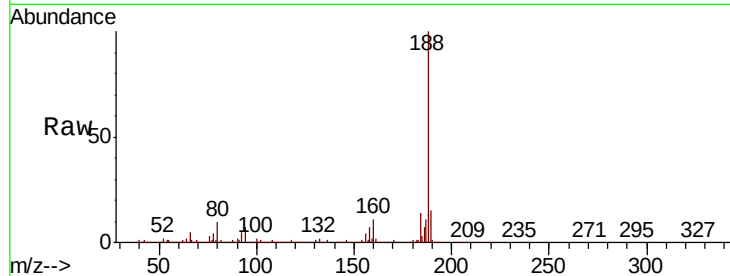
Tot Ion:188 Resp: 795185

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

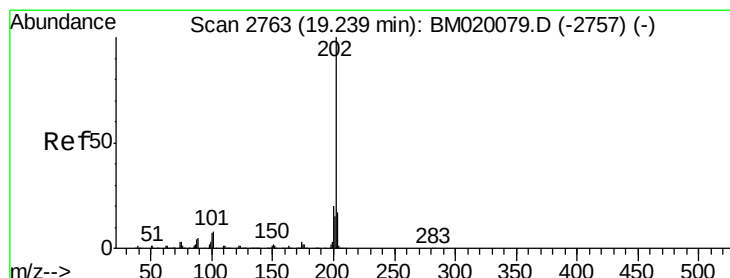
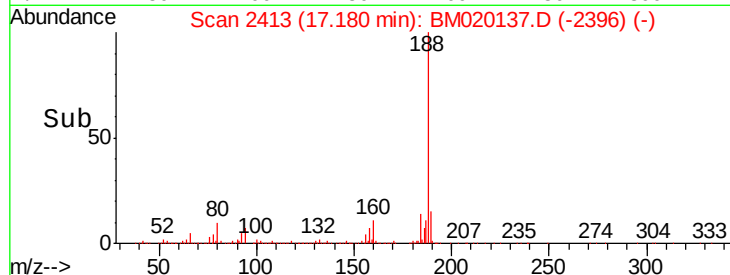
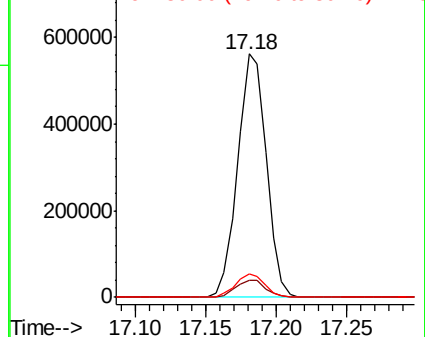
80 9.6 7.4 11.2



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



#75

Fluoranthene

Concen: 2.420 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

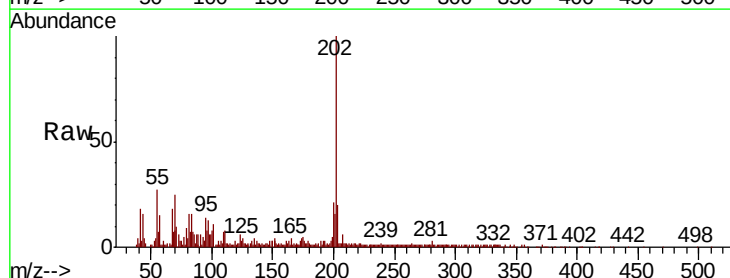
Tgt Ion:202 Resp: 134429

Ion Ratio Lower Upper

202 100

101 11.1 0.0 28.4

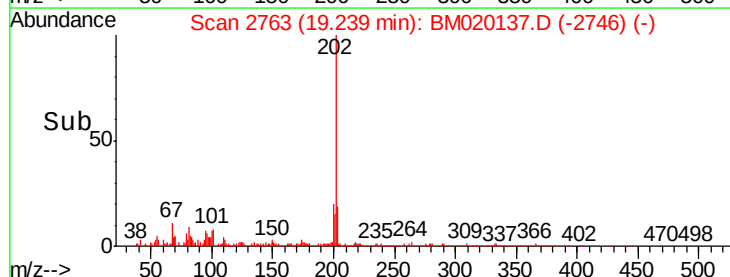
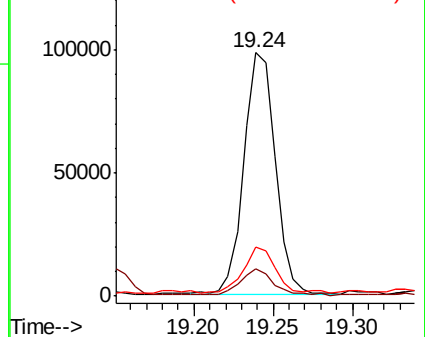
203 20.4 0.0 37.4

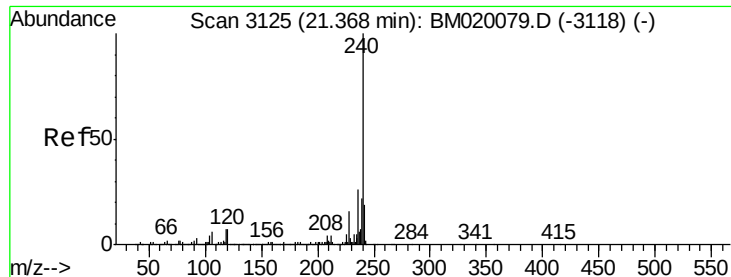


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

Instrument :

BNA_M

ClientSampleId :

SU-04-050219-B

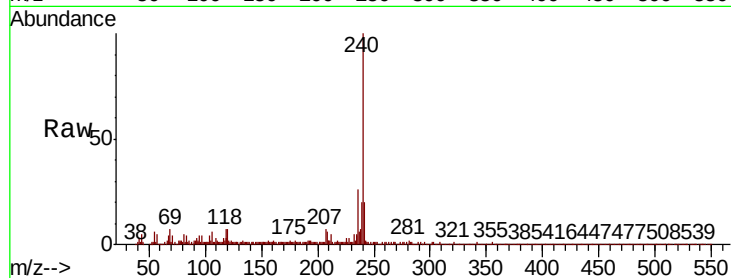
Tot Ion:240 Resp: 807417

Ion Ratio Lower Upper

240 100

120 7.3 5.6 8.4

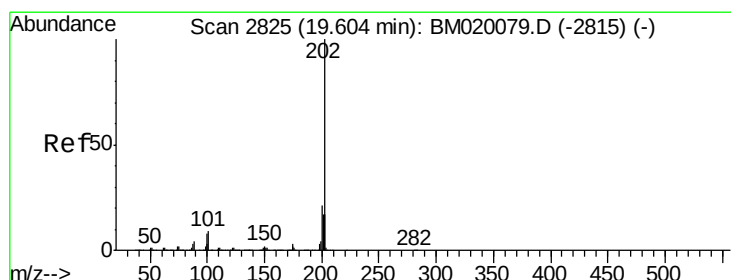
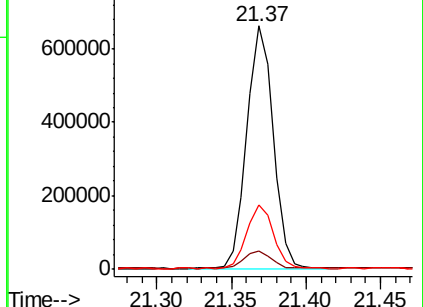
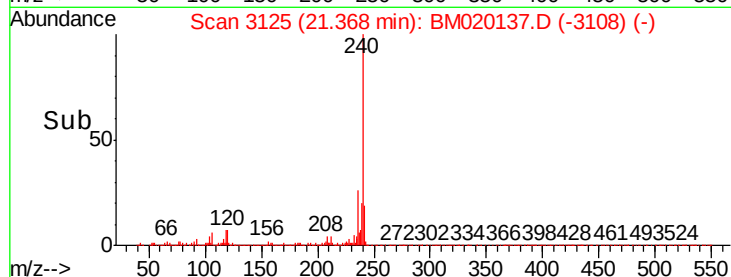
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 2.309 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

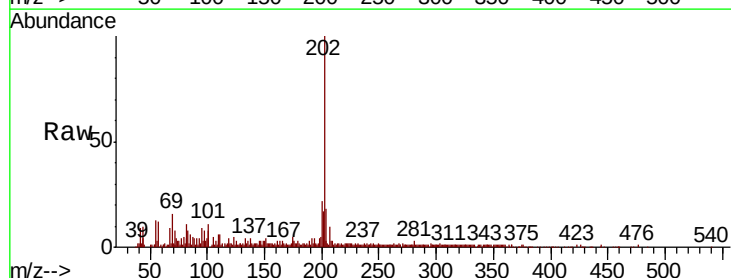
Tgt Ion:202 Resp: 125195

Ion Ratio Lower Upper

202 100

200 22.0 16.5 24.7

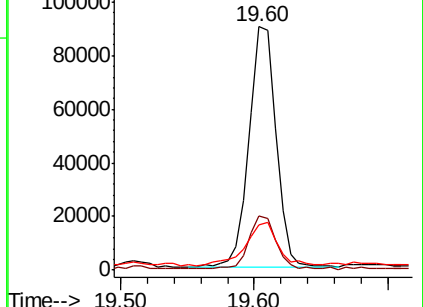
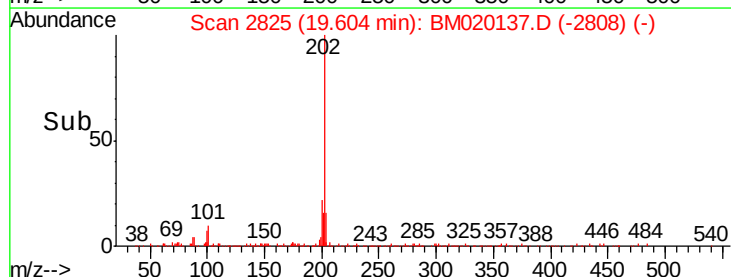
203 18.3 13.9 20.9

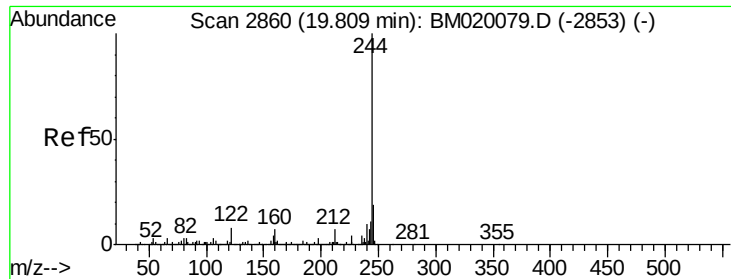


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 10.656 ng

RT: 19.81 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

Instrument :

BNA_M

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SU-04-050219-B

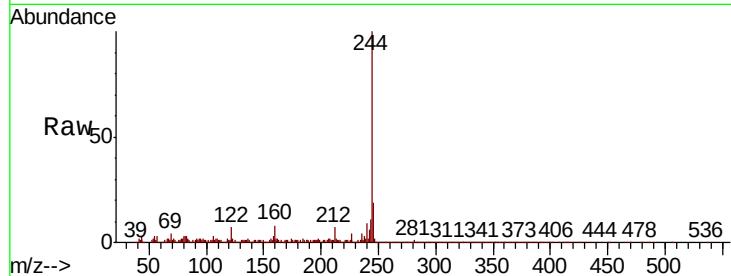
Tot Ion:244 Resp: 493280

Ion Ratio Lower Upper

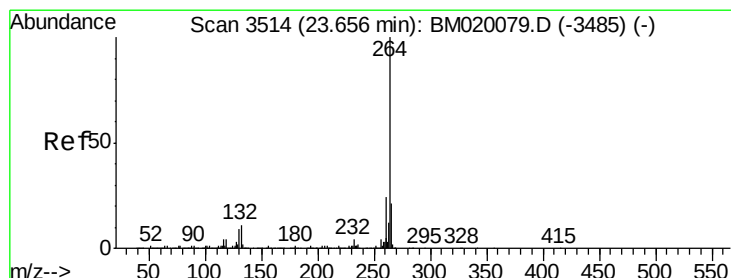
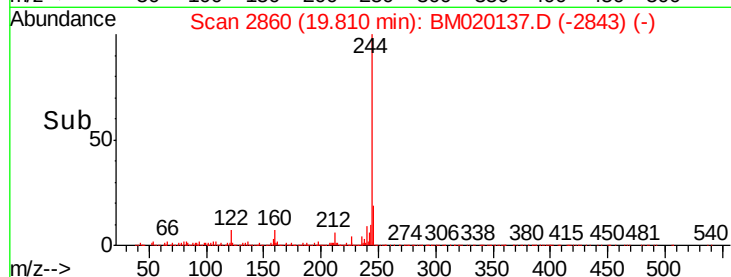
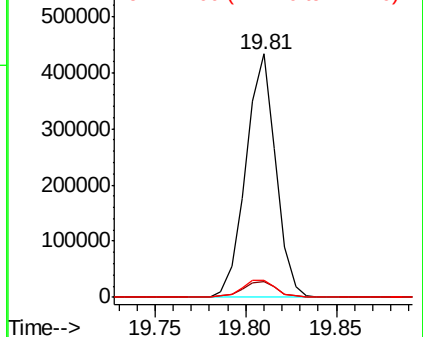
244 100

212 6.5 5.7 8.5

122 6.9 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. 0.01 min

Lab File: BM020137.D

Acq: 06 May 2019 16:00

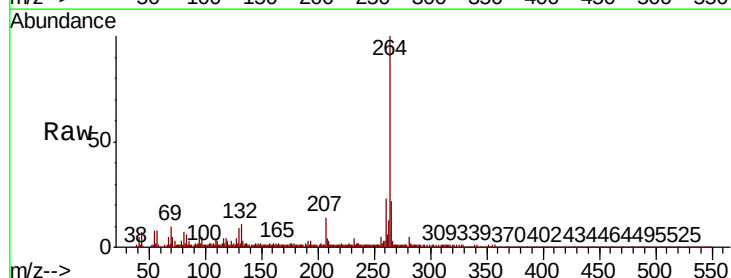
Tgt Ion:264 Resp: 958918

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.8 16.9 25.3



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

