

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027888.D
 Acq On : 21 Nov 2020 19:19
 Operator : JU/CG
 Sample : L4711-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B01

Quant Time: Nov 23 04:06:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 04:04:52 2020
 Response via : Initial Calibration

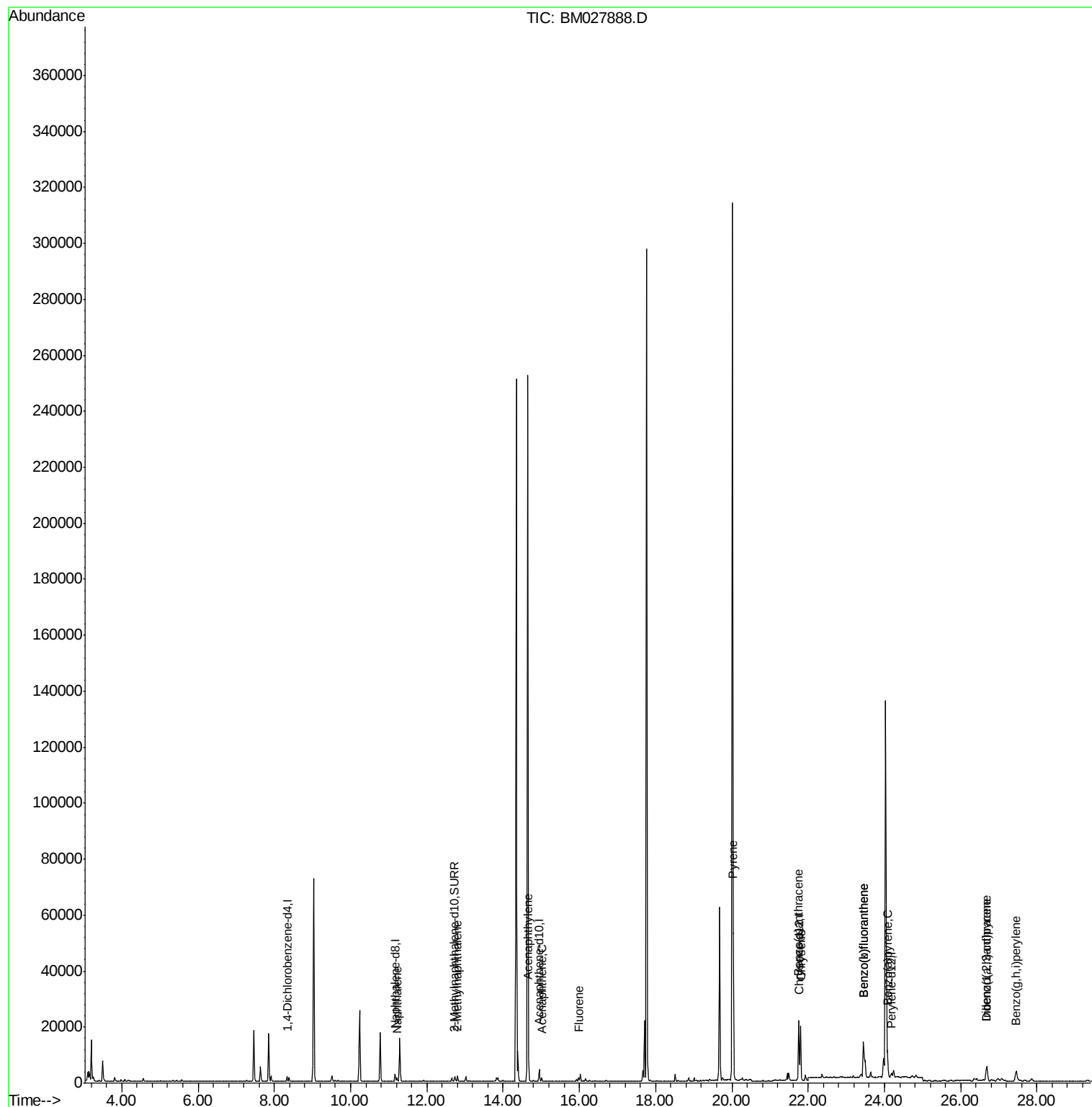
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	885	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2315	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.77	240	2640	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2034	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1935	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3783	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	1562	0.144	ng/ul#	93
5) 2-Methylnaphthalene	12.80	142	1204	0.163	ng/ul	98
7) Acenaphthylene	14.67	152	666	0.059	ng/ul#	76
8) Acenaphthene	15.01	153	766	0.091	ng/ul	97
9) Fluorene	15.98	166	878	0.089	ng/ul#	97
17) Pyrene	20.04	202	42299	3.155	ng/ul	98
18) Benzo(a)anthracene	21.75	228	17764	1.668	ng/ul	99
19) Chrysene	21.80	228	19366	1.867	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	28300	3.311	ng/ul	87
22) Benzo(k)fluoranthene	23.45	252	28268	3.377	ng/ul#	88
23) Benzo(a)pyrene	24.08	252	13587	1.818	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	8981	1.110	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.69	278	2285	0.339	ng/ul#	63
26) Benzo(g,h,i)perylene	27.46	276	8556	1.260	ng/ul	99

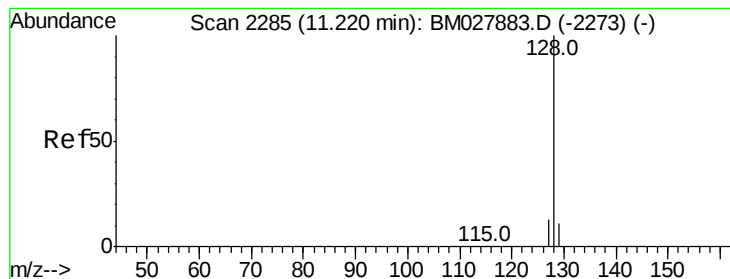
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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#3

Naphthalene

Concen: 0.144 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

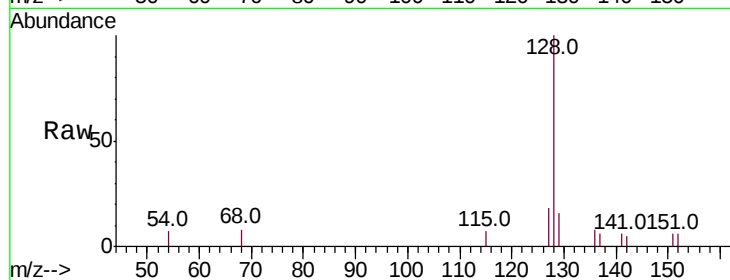
Tot Ion:128 Resp: 1562

Ion Ratio Lower Upper

128 100

129 16.0 10.4 15.6#

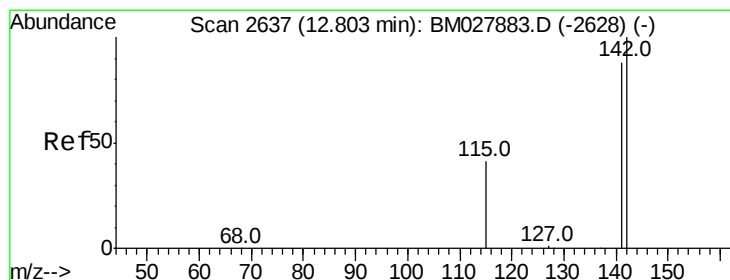
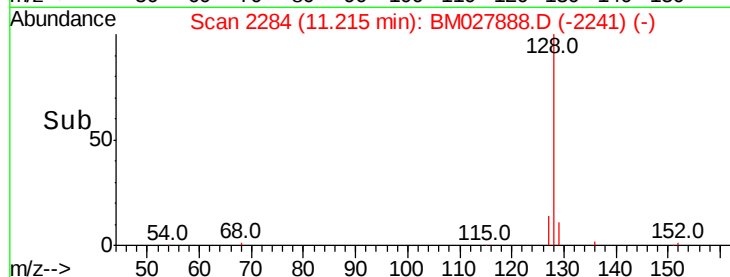
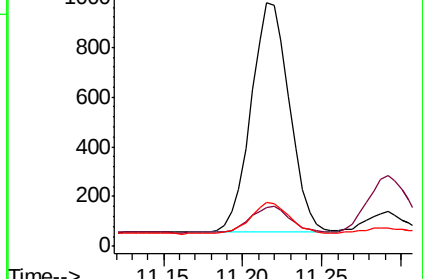
127 18.0 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.163 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027888.D

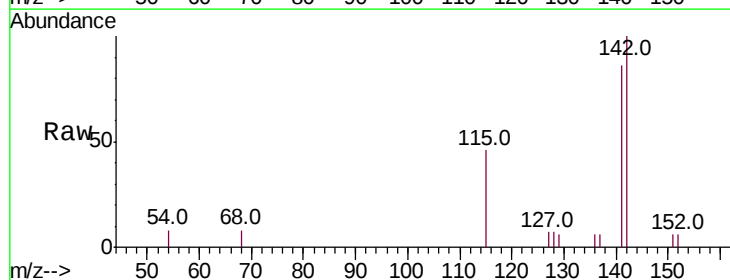
Acq: 21 Nov 2020 19:19

Tgt Ion:142 Resp: 1204

Ion Ratio Lower Upper

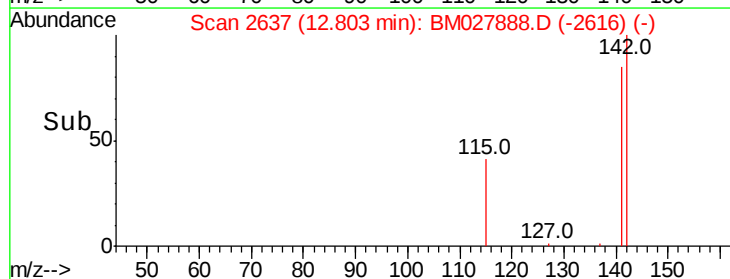
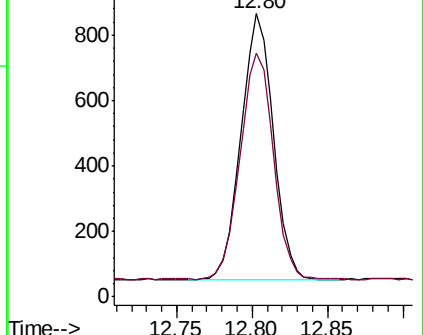
142 100

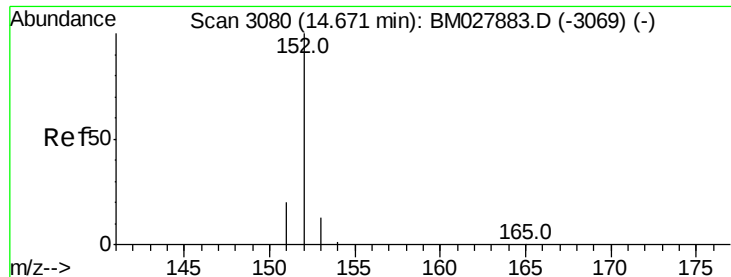
141 87.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

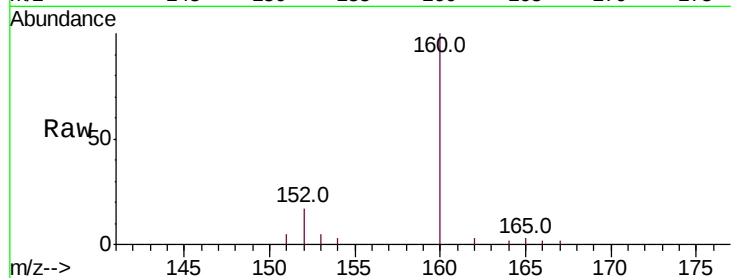
Tot Ion:152 Resp: 666

Ion Ratio Lower Upper

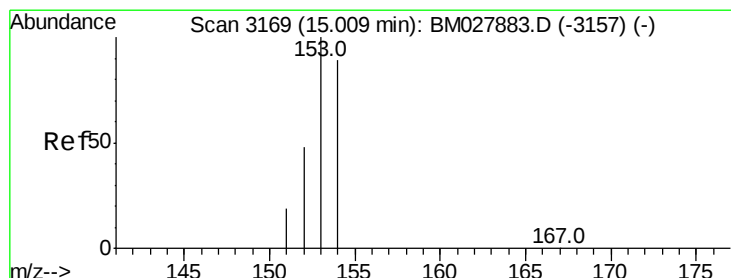
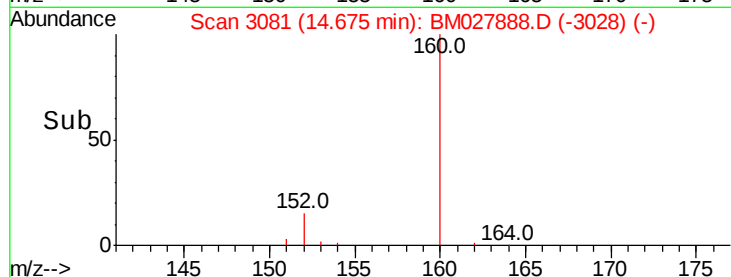
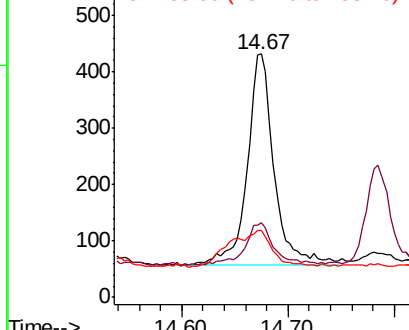
152 100

151 30.8 17.1 25.7#

153 27.3 12.0 18.0#



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



#8

Acenaphthene

Concen: 0.091 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

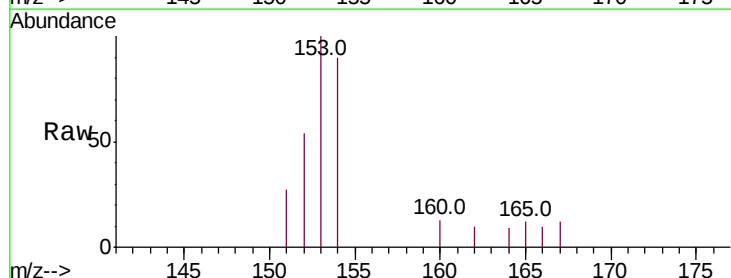
Tgt Ion:153 Resp: 766

Ion Ratio Lower Upper

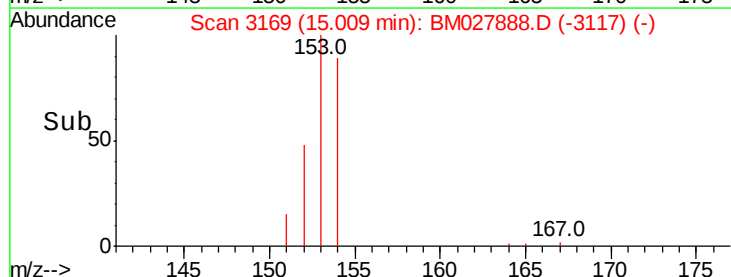
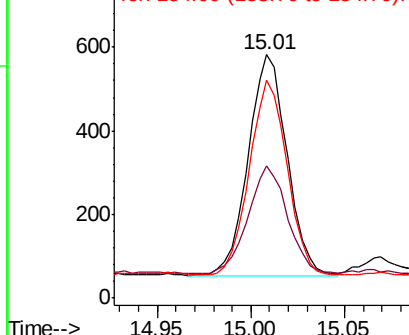
153 100

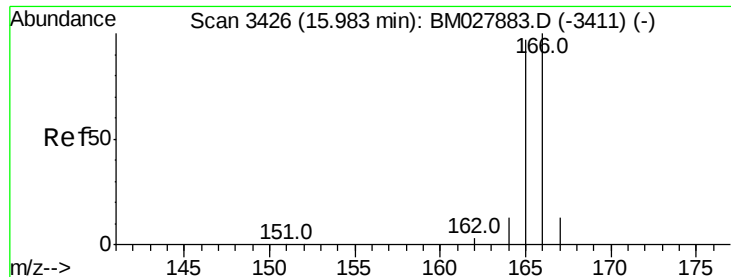
152 54.3 39.0 58.6

154 89.7 71.6 107.4



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





#9

Fluorene

Concen: 0.089 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

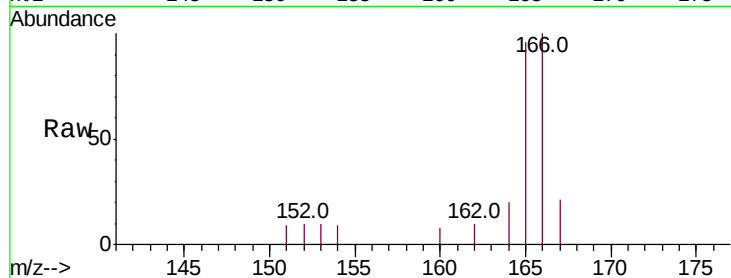
Tot Ion:166 Resp: 878

Ion Ratio Lower Upper

166 100

165 96.2 78.1 117.1

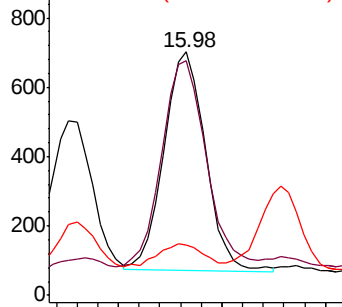
167 20.9 11.8 17.8#



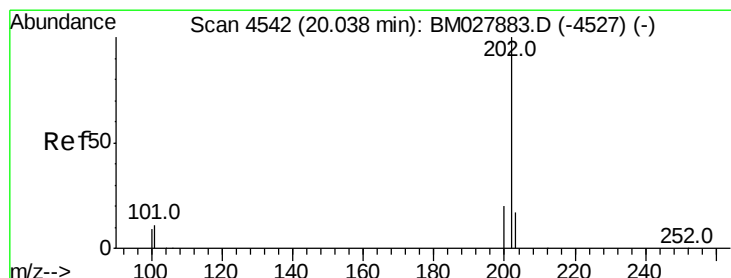
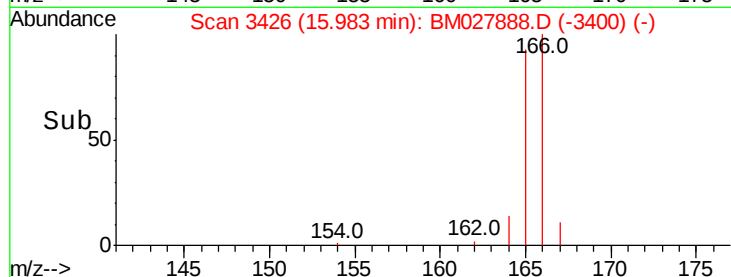
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#17

Pyrene

Concen: 3.155 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

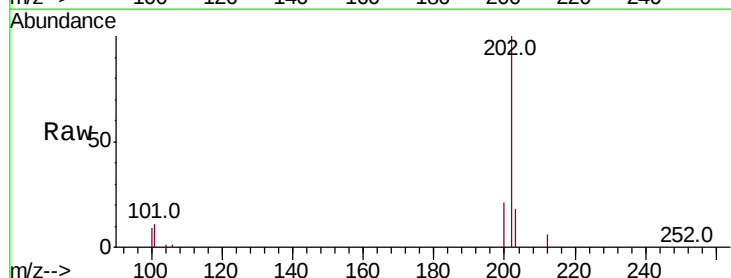
Tgt Ion:202 Resp: 42299

Ion Ratio Lower Upper

202 100

101 10.9 8.2 12.2

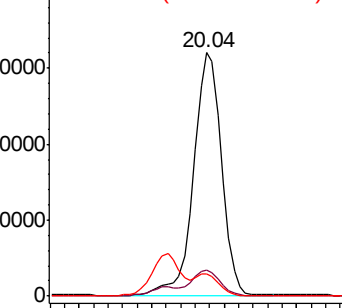
100 9.2 6.9 10.3



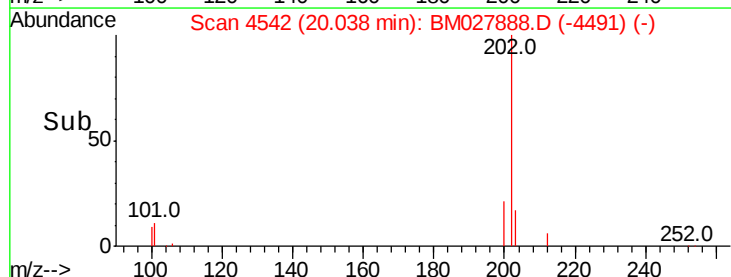
Abundance Ion 202.00 (201.70 to 202.70): E

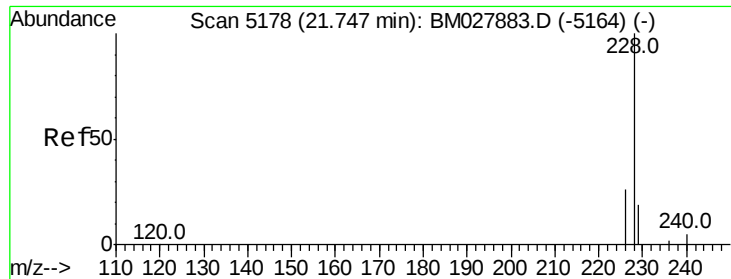
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#18

Benzo(a)anthracene

Concen: 1.668 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

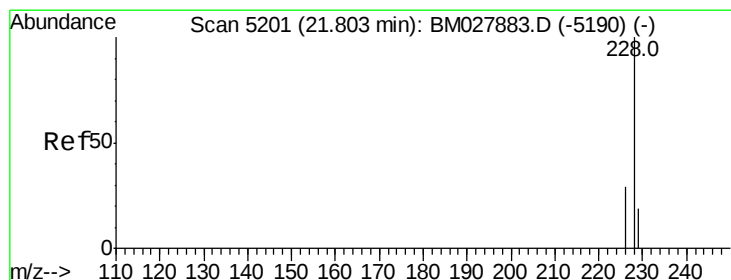
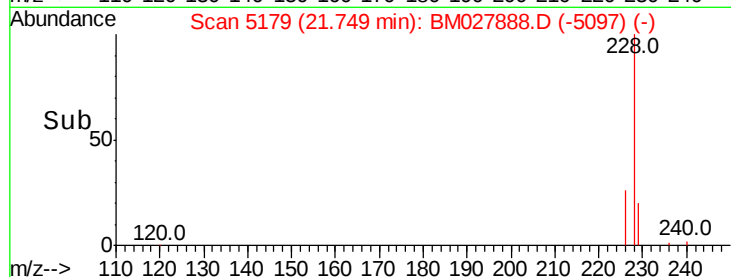
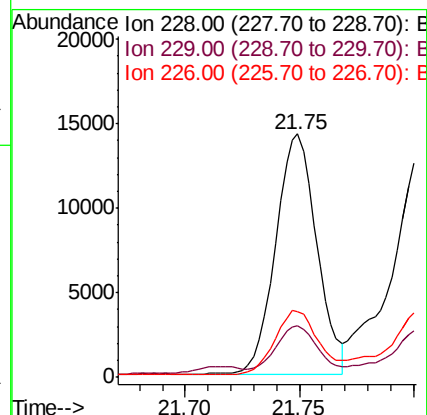
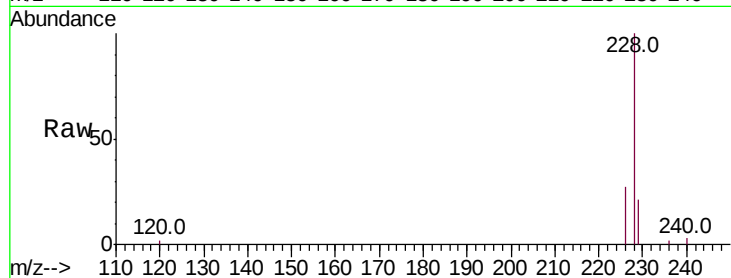
Tot Ion:228 Resp: 17764

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.4

226 27.2 21.5 32.3



#19

Chrysene

Concen: 1.867 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

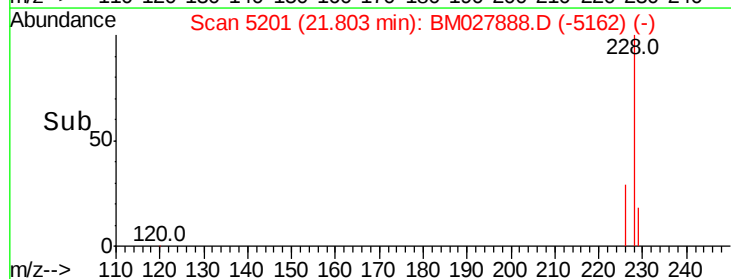
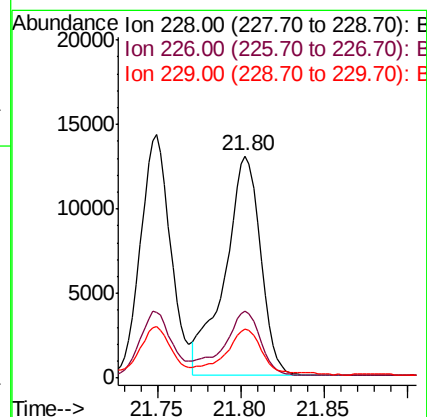
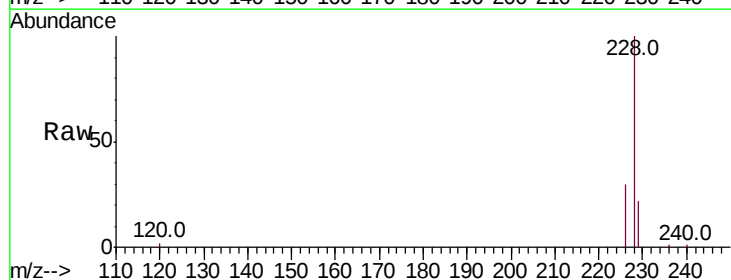
Tgt Ion:228 Resp: 19366

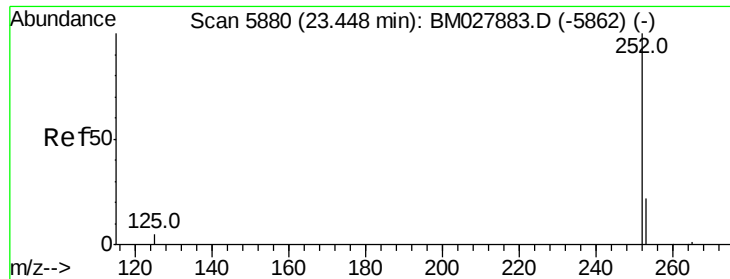
Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 22.2 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 3.311 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

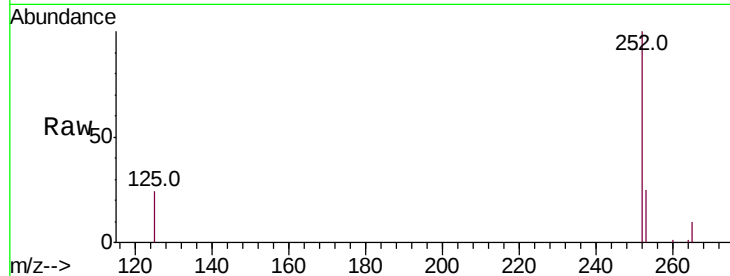
Tot Ion:252 Resp: 28300

Ion Ratio Lower Upper

252 100

253 25.3 0.0 59.6

125 23.5 0.0 28.4

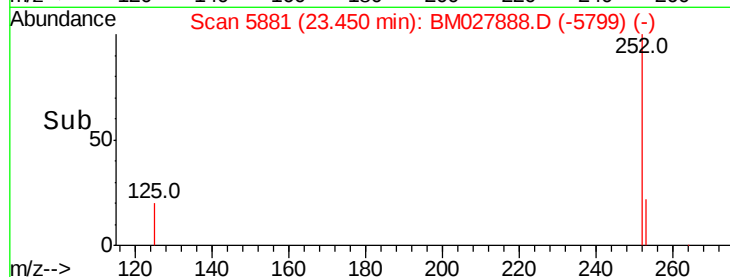


Abundance Ion 252.00 (251.70 to 252.70): E

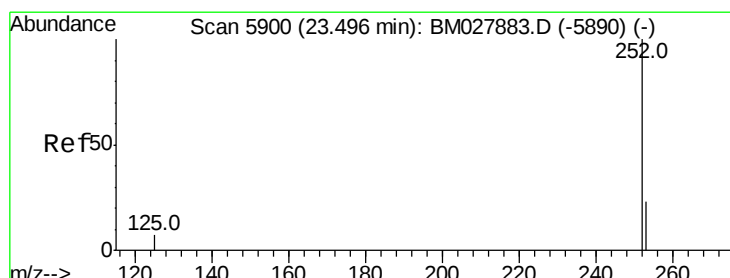
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#22

Benzo(k)fluoranthene

Concen: 3.377 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.05 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

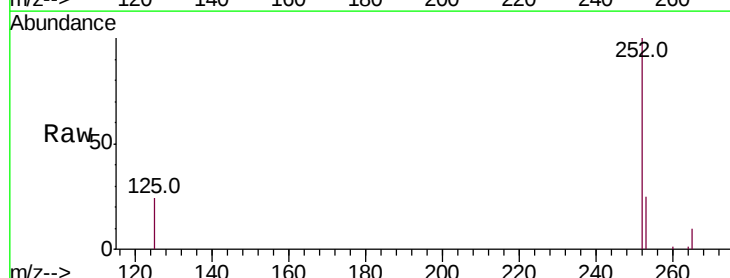
Tgt Ion:252 Resp: 28268

Ion Ratio Lower Upper

252 100

253 25.3 23.2 34.8

125 23.5 11.8 17.6#

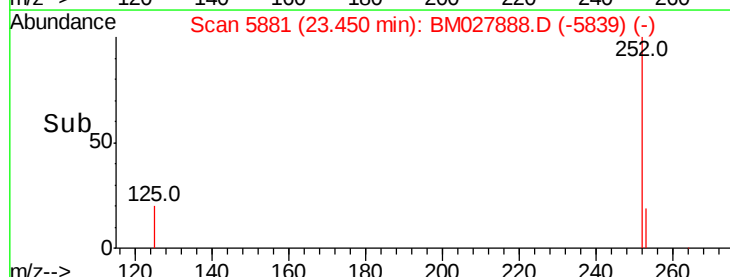


Abundance Ion 252.00 (251.70 to 252.70): E

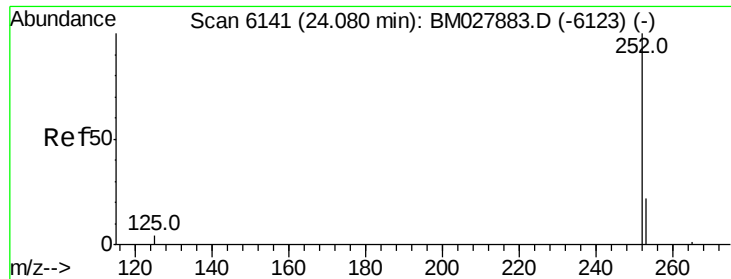
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#23

Benzo(a)pyrene

Concen: 1.818 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

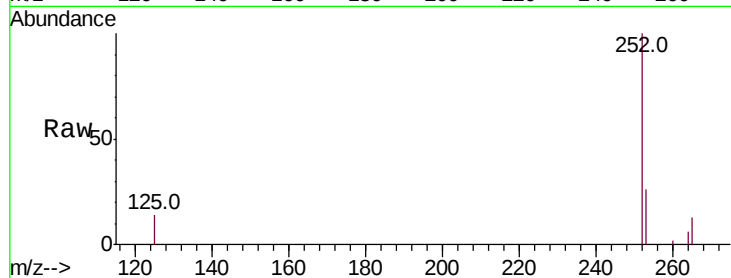
Tot Ion:252 Resp: 13587

Ion Ratio Lower Upper

252 100

253 25.7 25.2 37.8

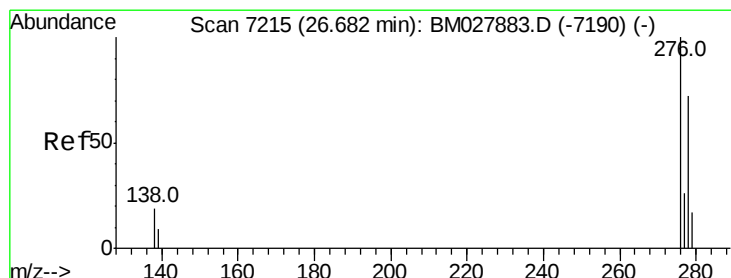
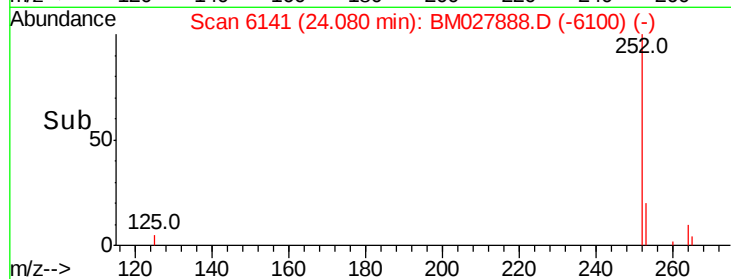
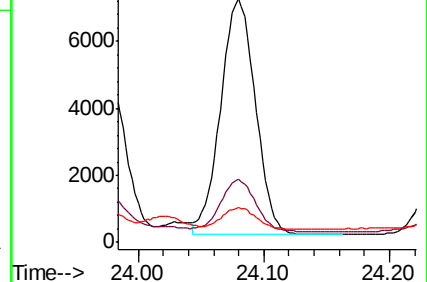
125 14.2 13.8 20.6



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.110 ng/ul

RT: 26.68 min Scan# 7215

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

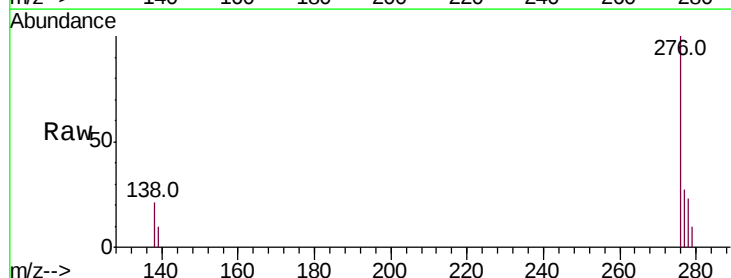
Tgt Ion:276 Resp: 8981

Ion Ratio Lower Upper

276 100

138 19.4 15.7 23.5

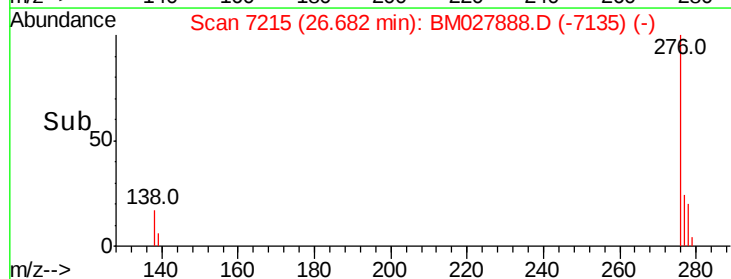
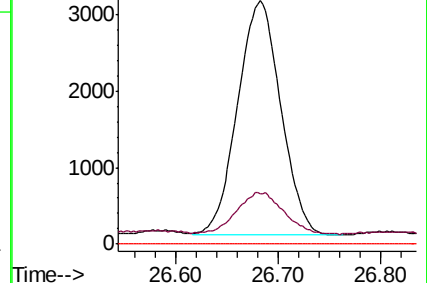
227 0.0 0.0 0.0

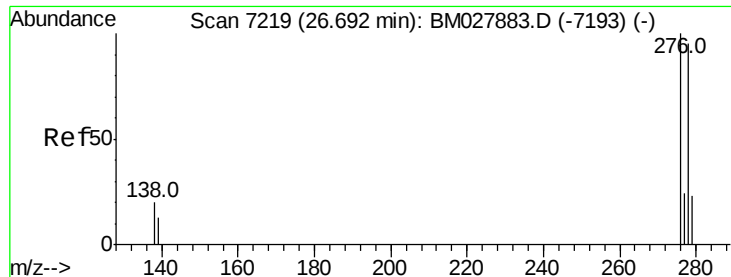


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.339 ng/ul

RT: 26.69 min Scan# 7218

Delta R.T. -0.01 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

ClientSampleId :

C0B01

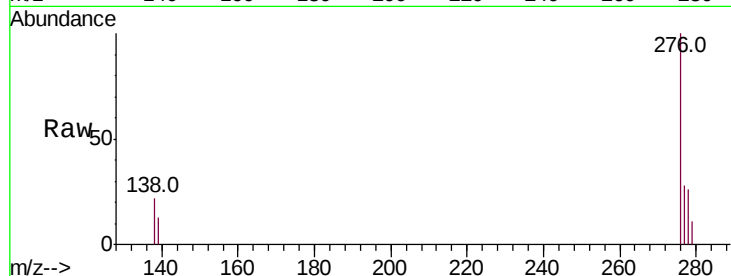
Tot Ion:278 Resp: 2285

Ion Ratio Lower Upper

278 100

139 49.3 14.8 22.2#

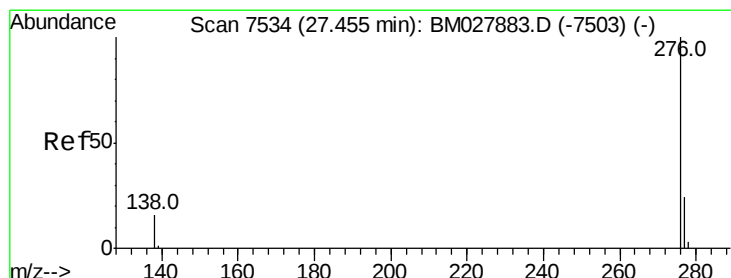
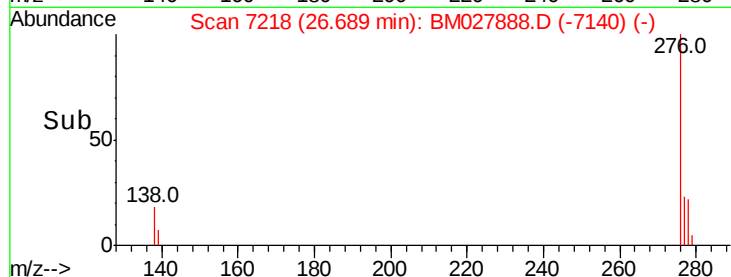
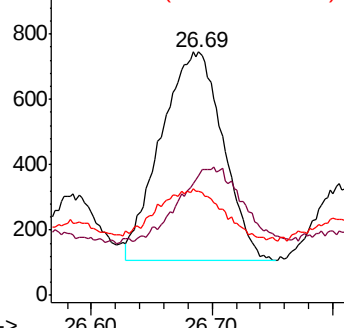
279 43.0 25.8 38.6#



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



#26

Benzo(g,h,i)perylene

Concen: 1.260 ng/ul

RT: 27.46 min Scan# 7535

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

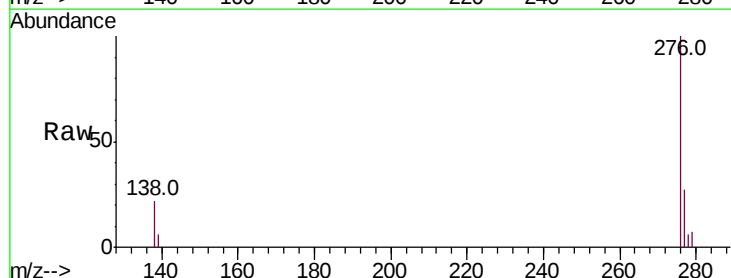
Tgt Ion:276 Resp: 8556

Ion Ratio Lower Upper

276 100

138 21.9 17.4 26.2

277 26.9 22.5 33.7



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

