

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027899.D
 Acq On : 22 Nov 2020 03:12
 Operator : JU/CG
 Sample : L4711-24
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF6

Quant Time: Nov 23 05:40:29 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

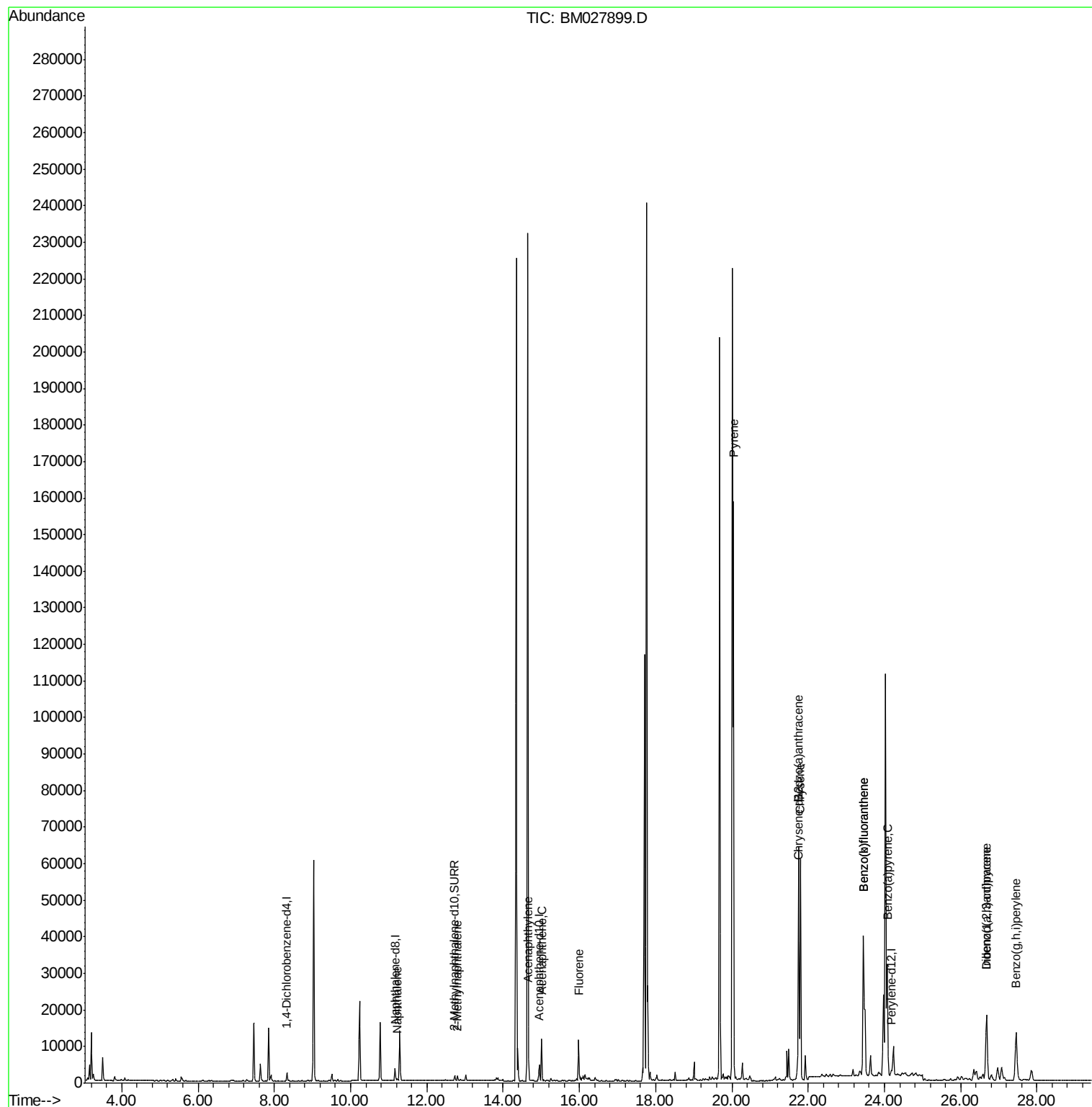
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1086	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4238	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2547	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2278	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2072	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1743	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2601	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	857	0.067	ng/ul#	85
5) 2-Methylnaphthalene	12.80	142	904	0.105	ng/ul	100
7) Acenaphthylene	14.68	152	954	0.077	ng/ul#	83
8) Acenaphthene	15.01	153	6415	0.689	ng/ul	99
9) Fluorene	15.98	166	6793	0.629	ng/ul	100
17) Pyrene	20.04	202	129901	11.228	ng/ul	99
18) Benzo(a)anthracene	21.74	228	55631	6.053	ng/ul	100
19) Chrysene	21.80	228	57326	6.403	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	88780	10.195	ng/ul	90
22) Benzo(k)fluoranthene	23.45	252	88724	10.404	ng/ul#	90
23) Benzo(a)pyrene	24.08	252	43841	5.758	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.68	276	31010	3.762	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	7762	1.131	ng/ul#	92
26) Benzo(g,h,i)perylene	27.45	276	30241	4.373	ng/ul	93

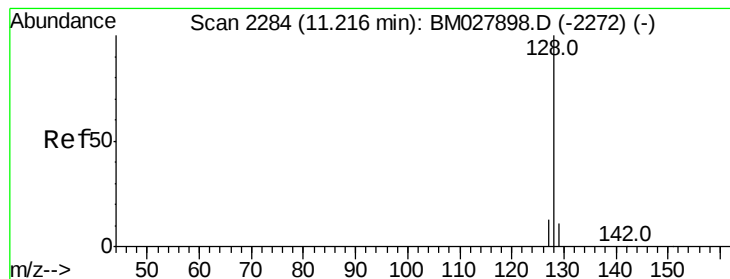
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampleId :

C0BF6

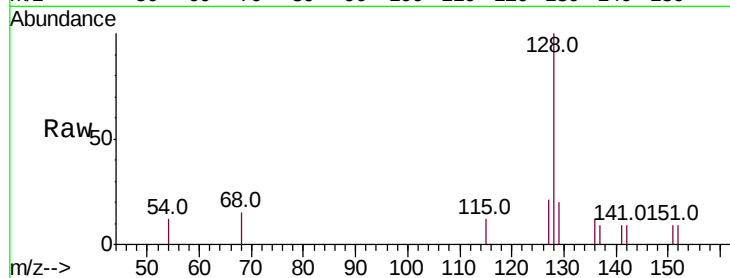
Tot Ion:128 Resp: 857

Ion Ratio Lower Upper

128 100

129 19.7 10.4 15.6#

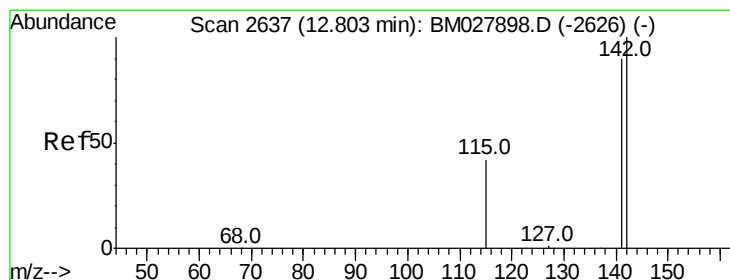
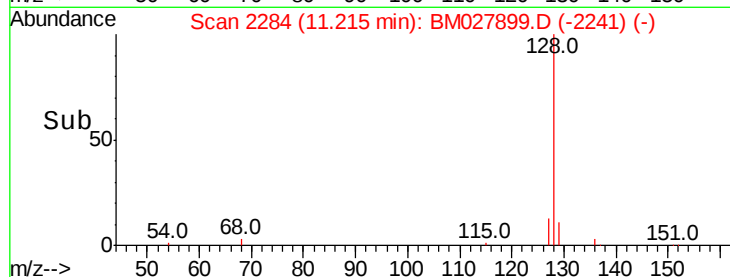
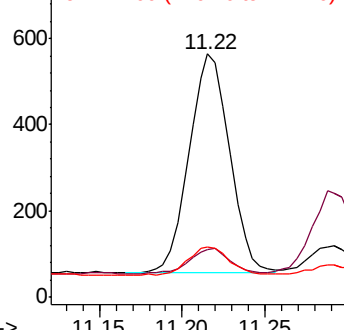
127 20.6 12.0 18.0#



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: 0.105 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027899.D

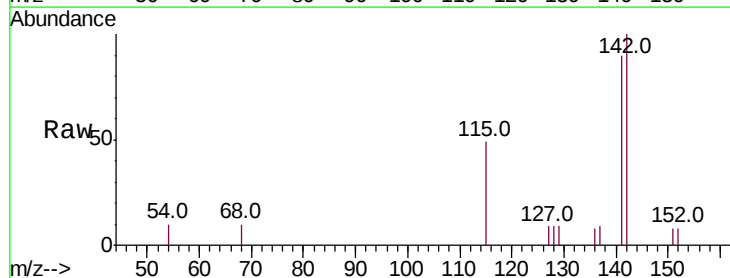
Acq: 22 Nov 2020 03:12

Tgt Ion:142 Resp: 904

Ion Ratio Lower Upper

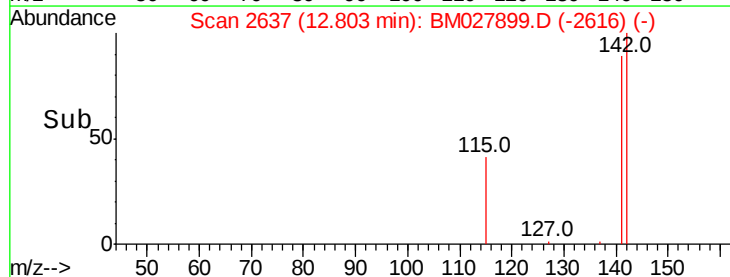
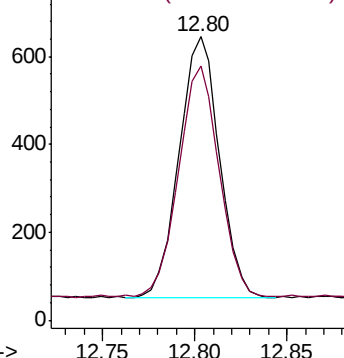
142 100

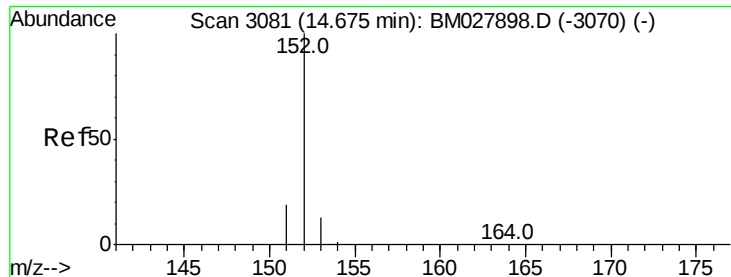
141 89.5 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.077 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampleId :

C0BF6

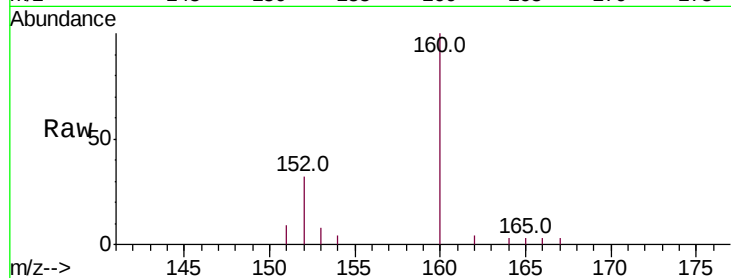
Tot Ion:152 Resp: 954

Ion Ratio Lower Upper

152 100

151 27.2 17.1 25.7#

153 25.0 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

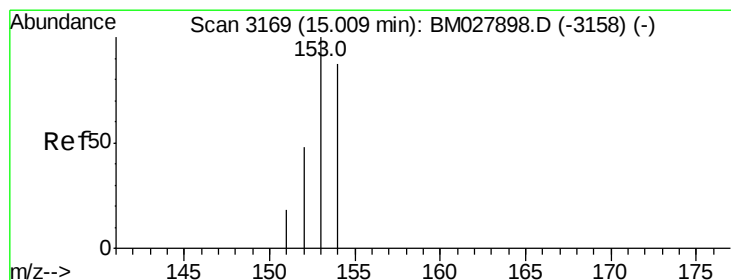
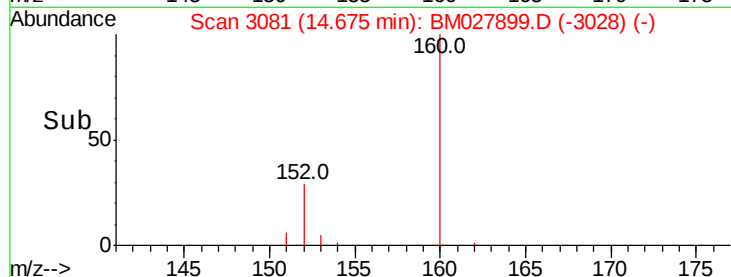
14.68

400

200

0

Time-->



#8

Acenaphthene

Concen: 0.689 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

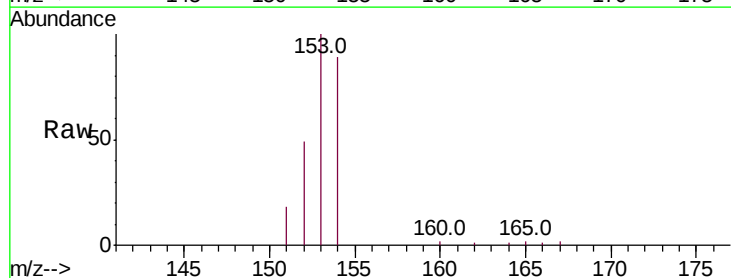
Tgt Ion:153 Resp: 6415

Ion Ratio Lower Upper

153 100

152 48.6 39.0 58.6

154 88.8 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

15.01

4000

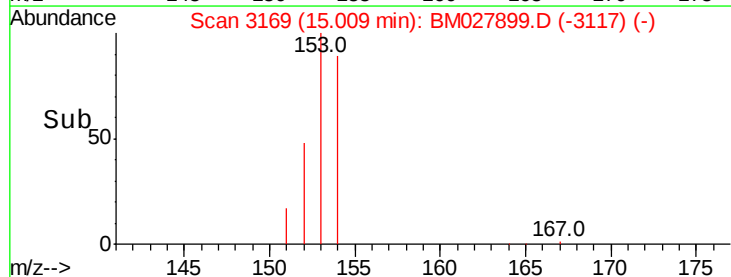
3000

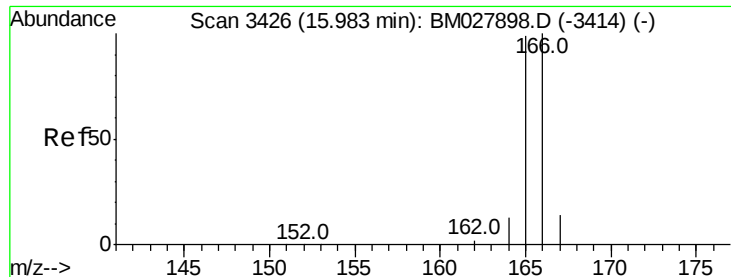
2000

1000

0

Time-->





#9

Fluorene

Concen: 0.629 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampleId :

C0BF6

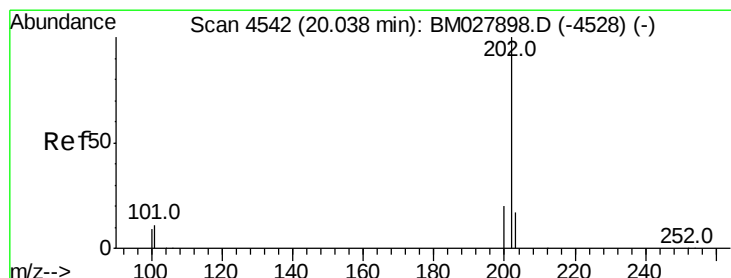
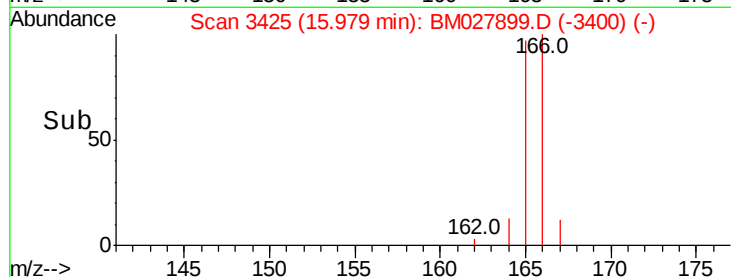
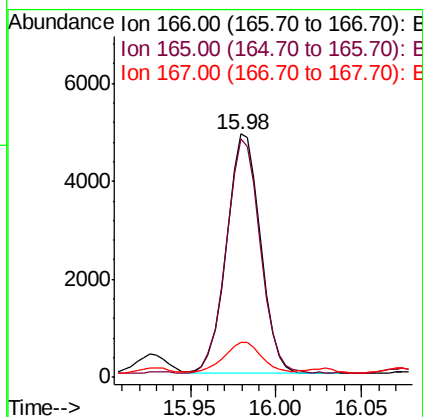
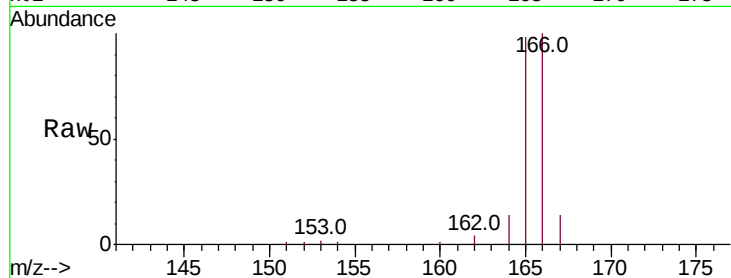
Tot Ion:166 Resp: 6793

Ion Ratio Lower Upper

166 100

165 98.0 78.1 117.1

167 14.3 11.8 17.8



#17

Pyrene

Concen: 11.228 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

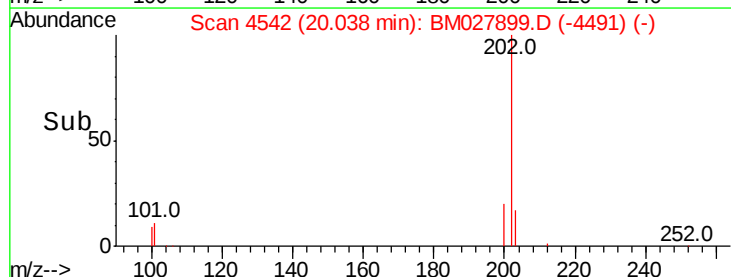
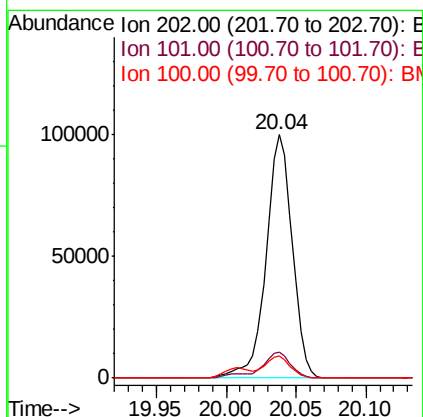
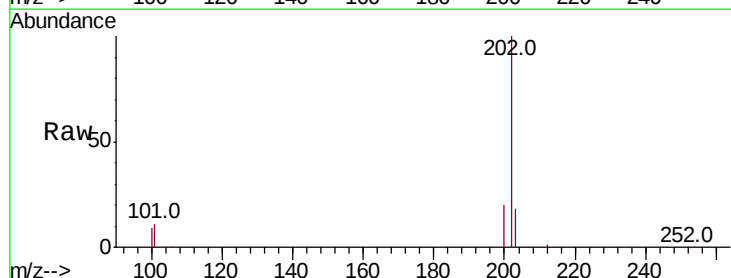
Tgt Ion:202 Resp: 129901

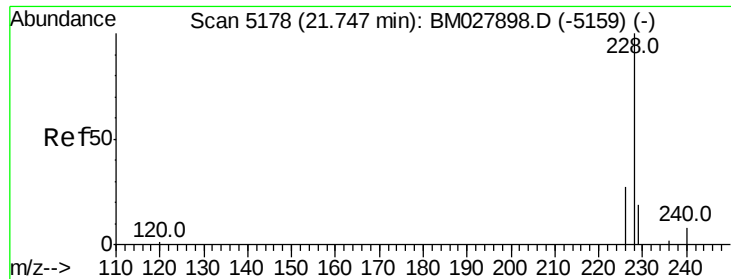
Ion Ratio Lower Upper

202 100

101 10.7 8.2 12.2

100 8.9 6.9 10.3





#18

Benzo(a)anthracene

Concen: 6.053 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.01 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampled :

C0BF6

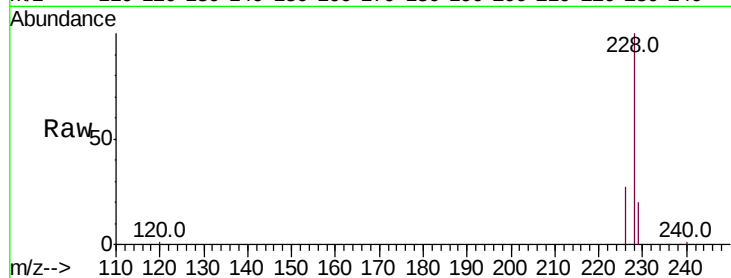
Tot Ion:228 Resp: 55631

Ion Ratio Lower Upper

228 100

229 20.3 16.2 24.4

226 26.8 21.5 32.3

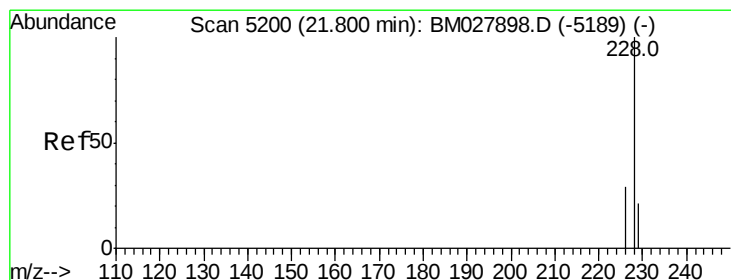
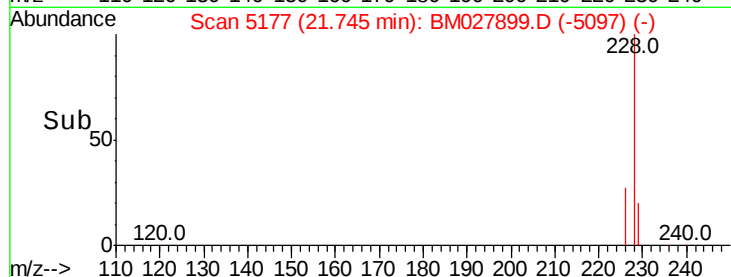
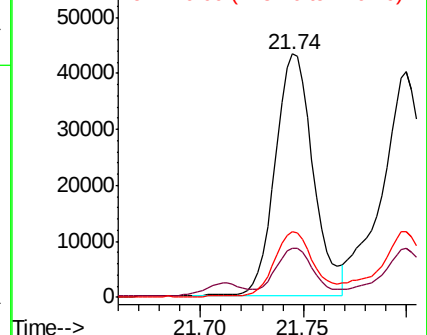


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 6.403 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

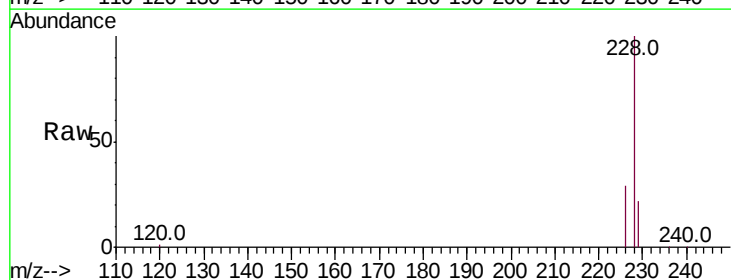
Tgt Ion:228 Resp: 57326

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 21.8 16.6 24.8

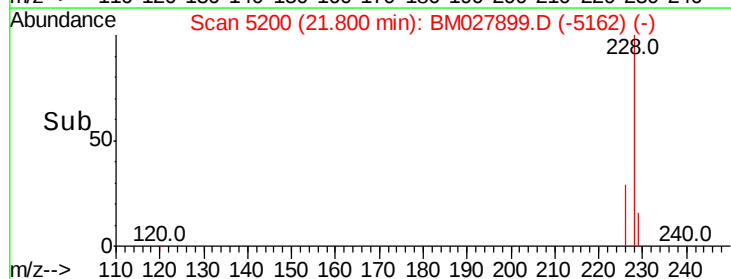
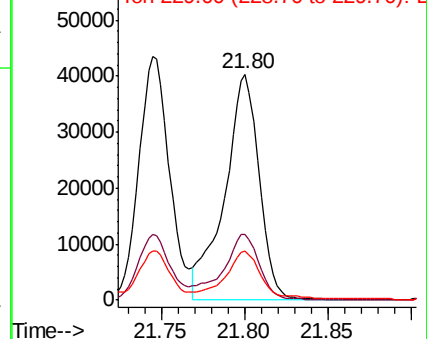


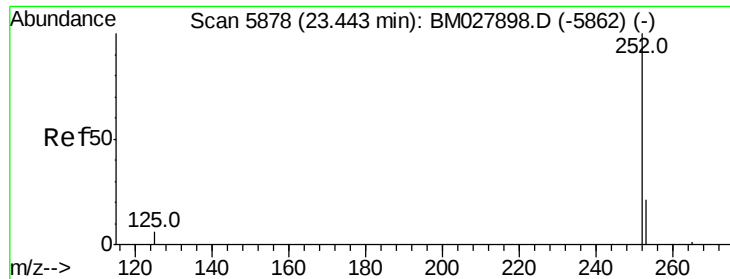
Abundance

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





#21

Benzo(b)fluoranthene

Concen: 10.195 ng/u1

RT: 23.45 min Scan# 5879

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampleId :

C0BF6

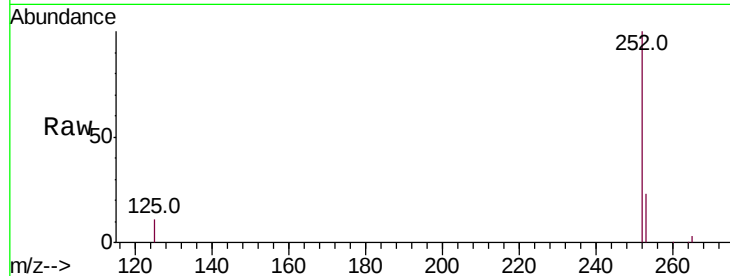
Tot Ion:252 Resp: 88780

Ion Ratio Lower Upper

252 100

253 23.3 0.0 59.6

125 11.3 0.0 28.4

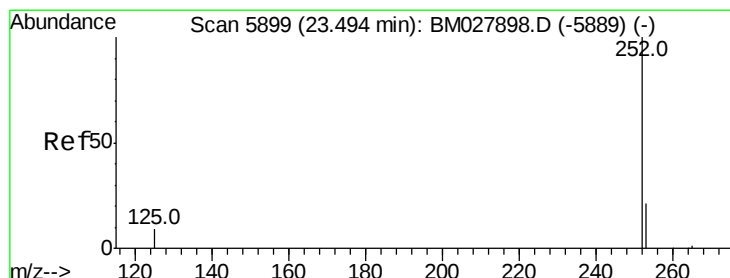
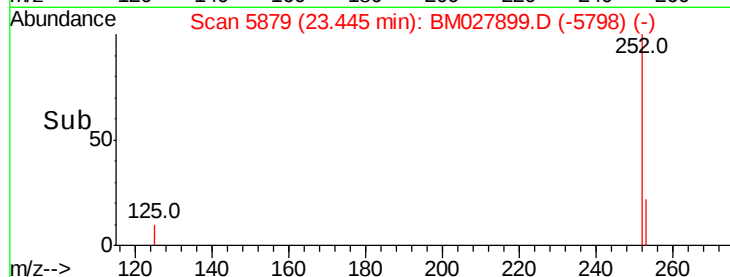
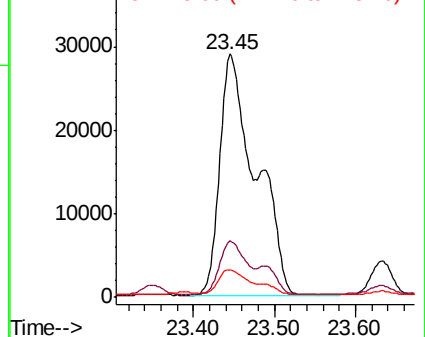


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 10.404 ng/u1

RT: 23.45 min Scan# 5879

Delta R.T. -0.05 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

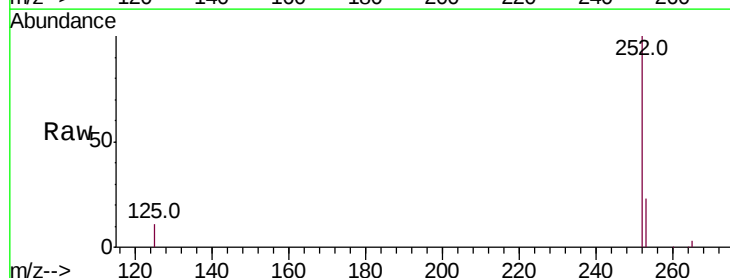
Tgt Ion:252 Resp: 88724

Ion Ratio Lower Upper

252 100

253 23.3 23.2 34.8

125 11.3 11.8 17.6#

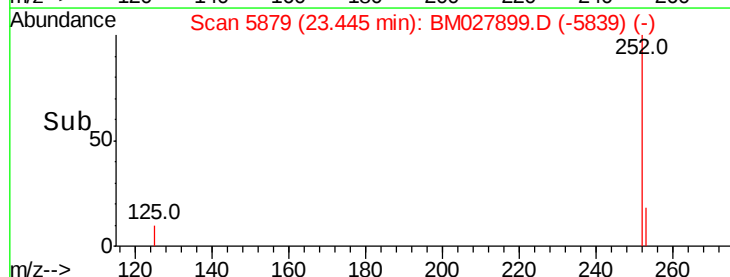
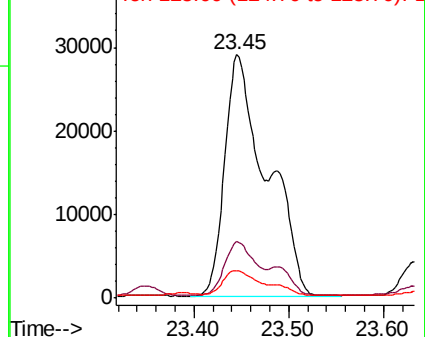


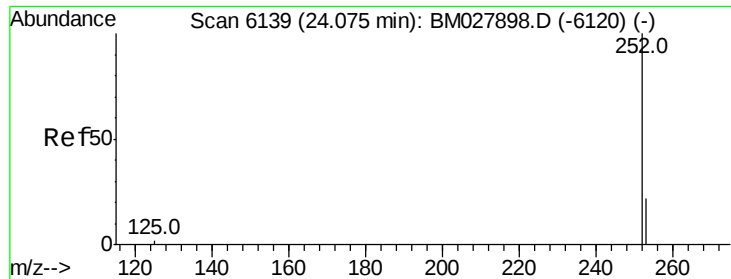
Abundance

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





#23

Benzo(a)pyrene

Concen: 5.758 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. -0.00 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

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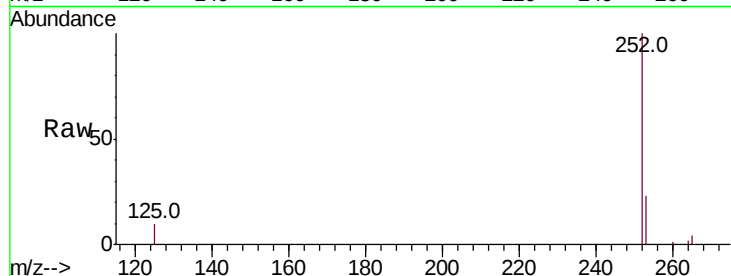
Tot Ion:252 Resp: 43841

Ion Ratio Lower Upper

252 100

253 23.4 25.2 37.8#

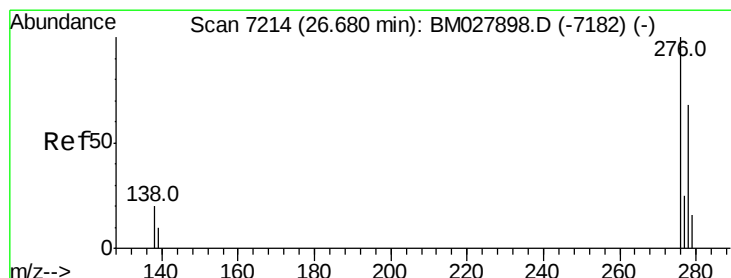
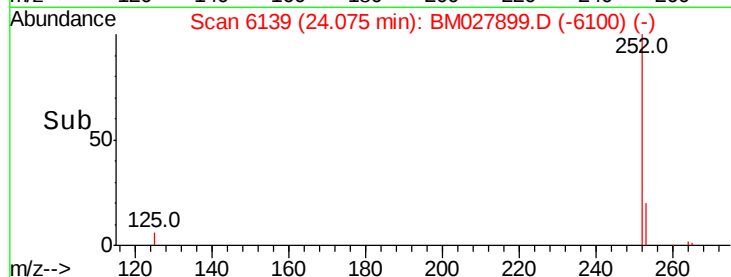
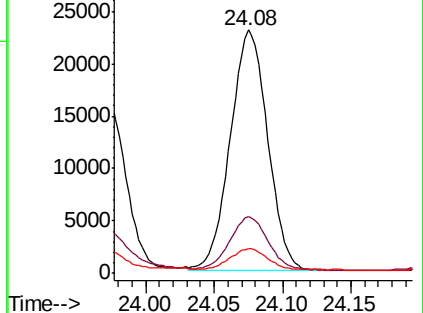
125 9.9 13.8 20.6#



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: 3.762 ng/ul

RT: 26.68 min Scan# 7214

Delta R.T. -0.01 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

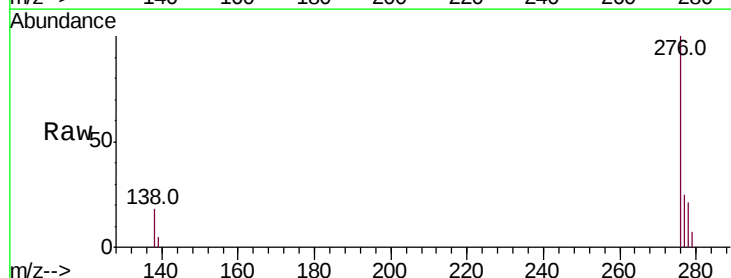
Tgt Ion:276 Resp: 31010

Ion Ratio Lower Upper

276 100

138 17.6 15.7 23.5

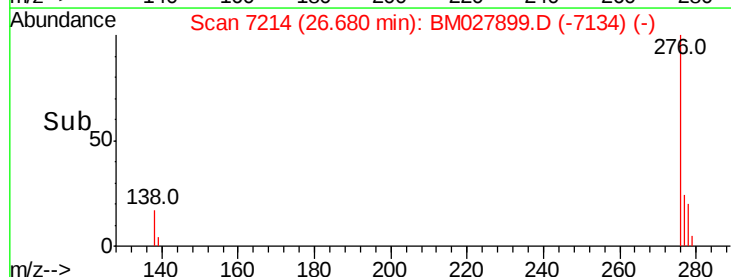
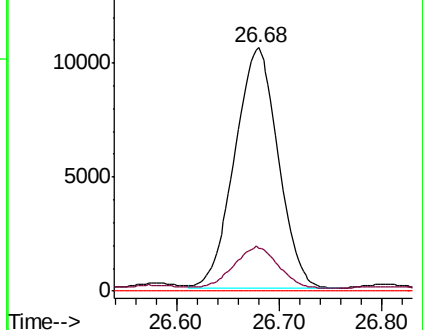
227 0.0 0.0 0.0

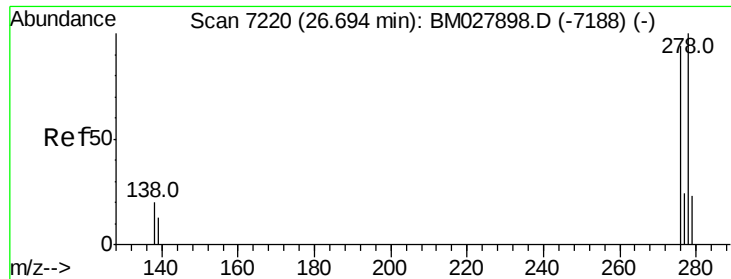


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.131 ng/ul

RT: 26.68 min Scan# 7216

Delta R.T. -0.01 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

Instrument :

BNA_M

ClientSampleId :

C0BF6

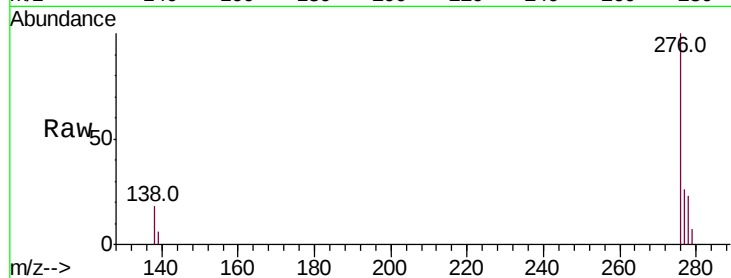
Tot Ion:278 Resp: 7762

Ion Ratio Lower Upper

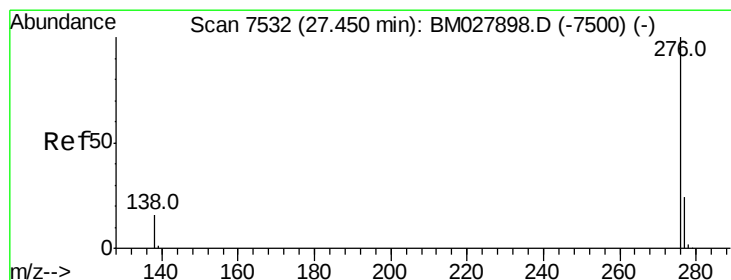
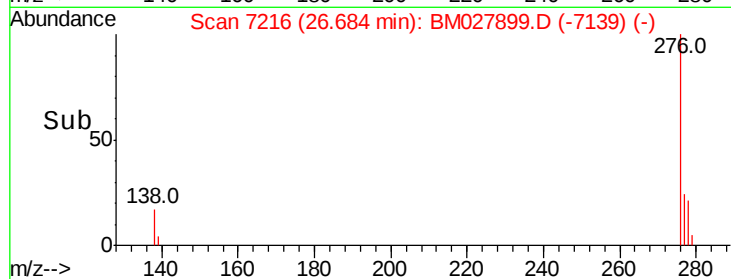
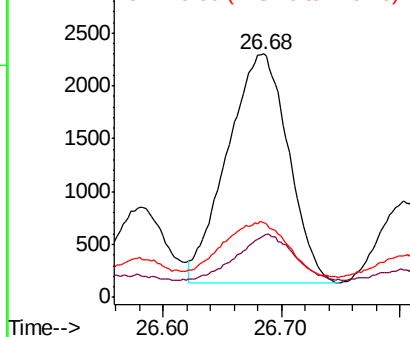
278 100

139 25.6 14.8 22.2#

279 30.7 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: 4.373 ng/ul

RT: 27.45 min Scan# 7533

Delta R.T. -0.01 min

Lab File: BM027899.D

Acq: 22 Nov 2020 03:12

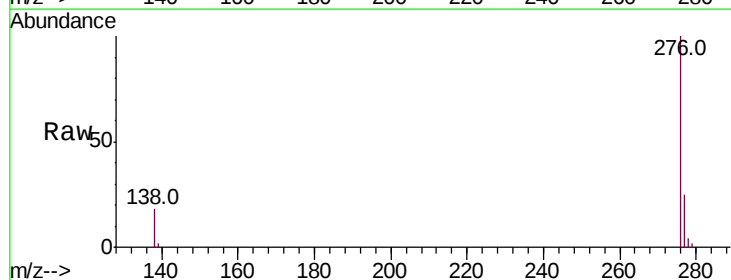
Tgt Ion:276 Resp: 30241

Ion Ratio Lower Upper

276 100

138 18.3 17.4 26.2

277 24.8 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

